

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### Duty Cycle

| Test Mode       | Antenna | Frequency (MHz) | Duty Cycle (%) | Correction Factor(dB) | Plot   |
|-----------------|---------|-----------------|----------------|-----------------------|--------|
| 802.11a         | Chain0  | 5500            | 99.13%         | 0                     | Fig.1  |
| 802.11a         | Chain1  | 5500            | 99.16%         | 0                     | Fig.2  |
| 802.11n HT20    | Chain0  | 5500            | 99.59%         | 0                     | Fig.3  |
| 802.11n HT20    | Chain1  | 5500            | 99.54%         | 0                     | Fig.4  |
| 802.11ac VHT20  | Chain0  | 5500            | 99.71%         | 0                     | Fig.5  |
| 802.11ac VHT20  | Chain1  | 5500            | 99.66%         | 0                     | Fig.6  |
| 802.11ax HE20   | Chain0  | 5500            | 99.69%         | 0                     | Fig.7  |
| 802.11ax HE20   | Chain1  | 5500            | 99.68%         | 0                     | Fig.8  |
| 802.11n HT40    | Chain0  | 5510            | 99.62%         | 0                     | Fig.9  |
| 802.11n HT40    | Chain1  | 5510            | 99.62%         | 0                     | Fig.10 |
| 802.11ac VHT40  | Chain0  | 5510            | 99.55%         | 0                     | Fig.11 |
| 802.11ac VHT40  | Chain1  | 5510            | 99.65%         | 0                     | Fig.12 |
| 802.11ax HE40   | Chain0  | 5510            | 99.60%         | 0                     | Fig.13 |
| 802.11ax HE40   | Chain1  | 5510            | 99.60%         | 0                     | Fig.14 |
| 802.11ac VHT80  | Chain0  | 5530            | 99.70%         | 0                     | Fig.15 |
| 802.11ac VHT80  | Chain1  | 5530            | 99.69%         | 0                     | Fig.16 |
| 802.11ax HE80   | Chain0  | 5530            | 99.53%         | 0                     | Fig.17 |
| 802.11ax HE80   | Chain1  | 5530            | 99.64%         | 0                     | Fig.18 |
| 802.11ac VHT160 | Chain0  | 5570            | 99.44%         | 0                     | Fig.19 |
| 802.11ac VHT160 | Chain1  | 5570            | 99.44%         | 0                     | Fig.20 |
| 802.11ax HE160  | Chain0  | 5570            | 99.30%         | 0                     | Fig.21 |
| 802.11ax HE160  | Chain1  | 5570            | 99.31%         | 0                     | Fig.22 |

Note: Correction Factor=10\*log (1/Duty Cycle)

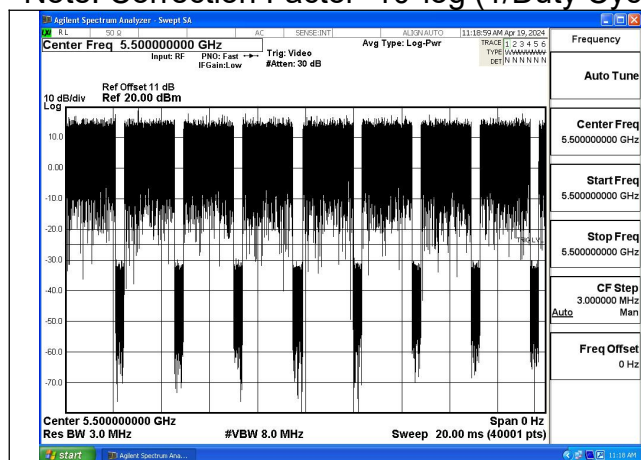


Fig.1

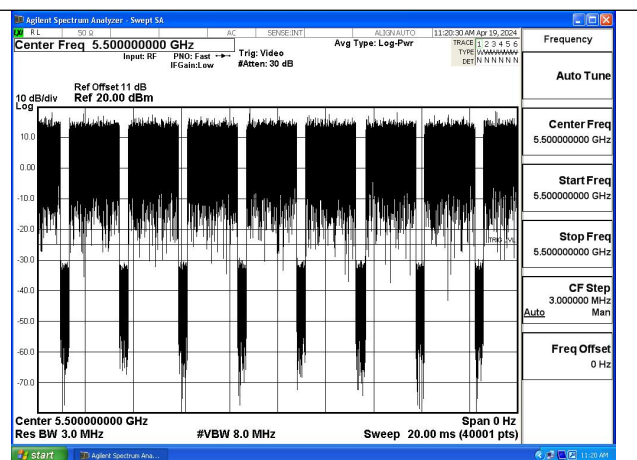


Fig.2

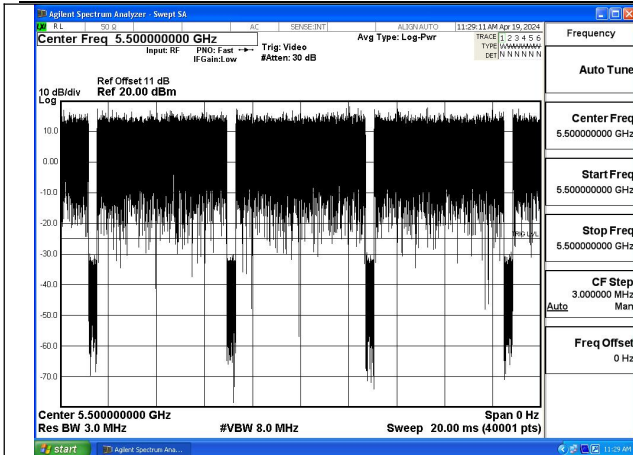


Fig.3

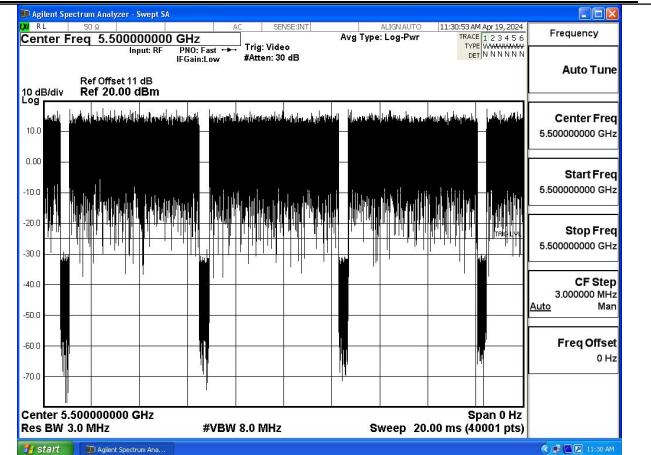


Fig.4

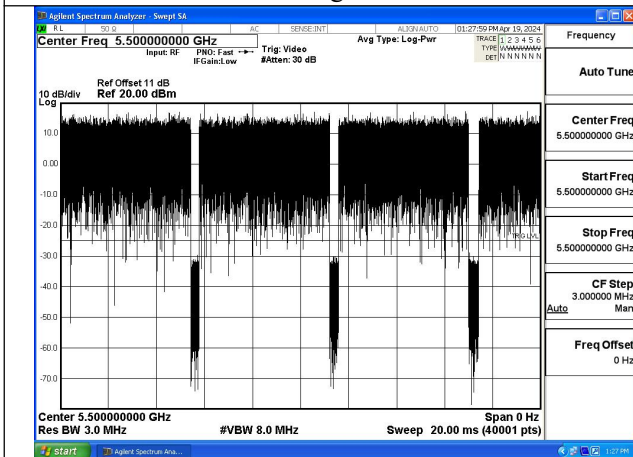


Fig.5

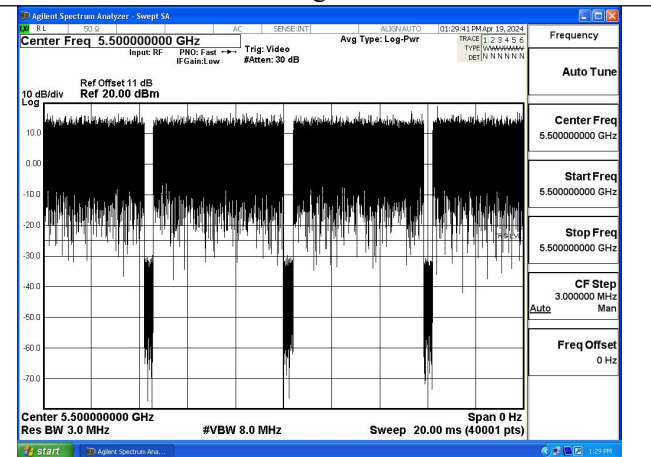


Fig.6

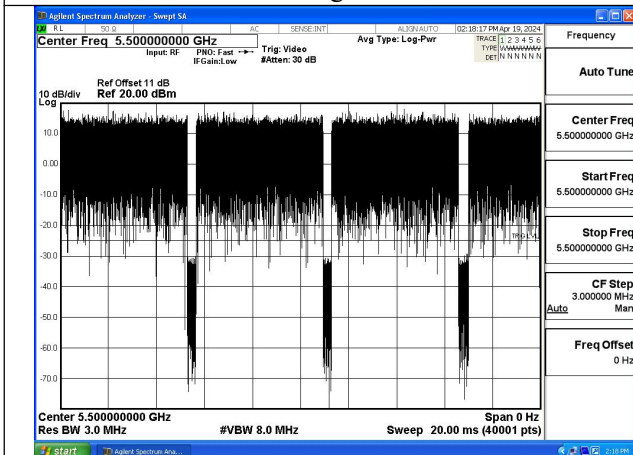


Fig.7

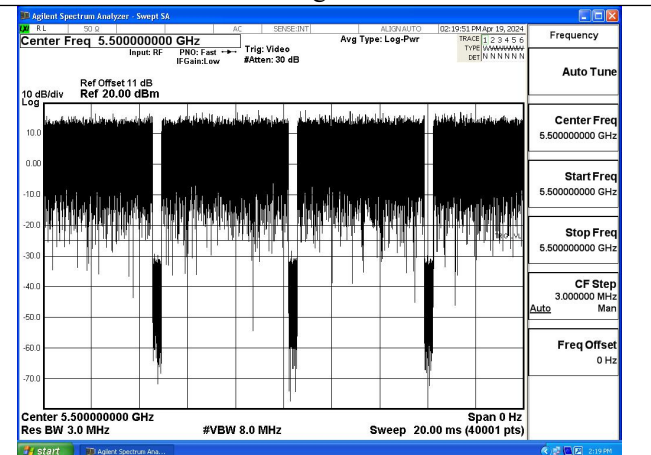


Fig.8

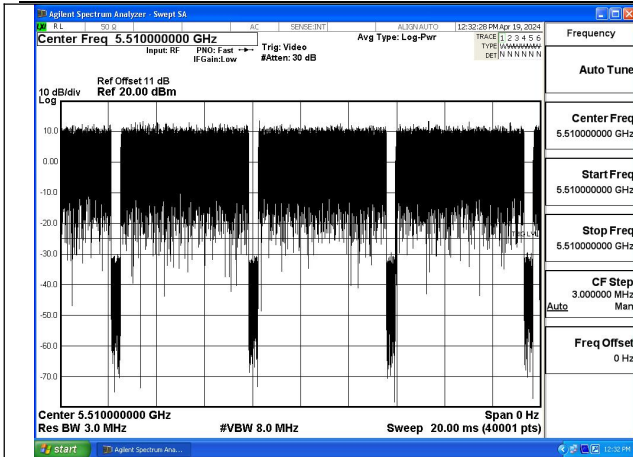


Fig.9

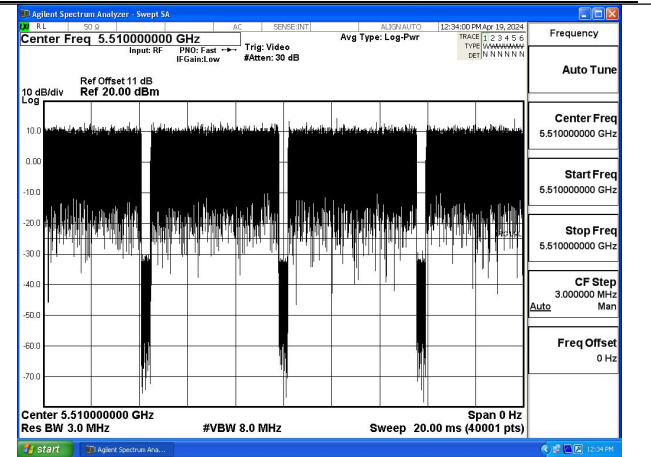


Fig.10

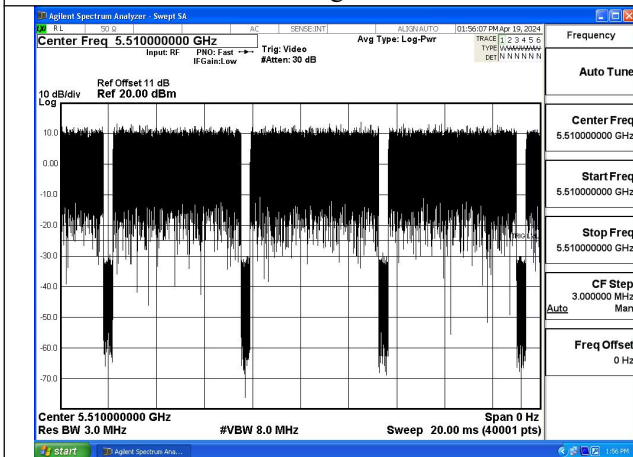


Fig.11

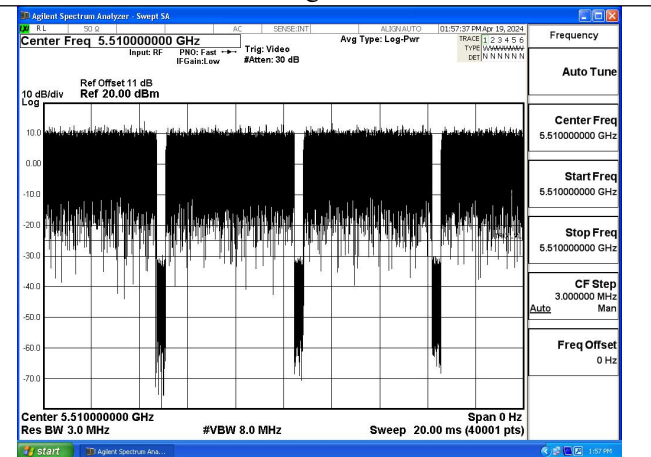


Fig.12

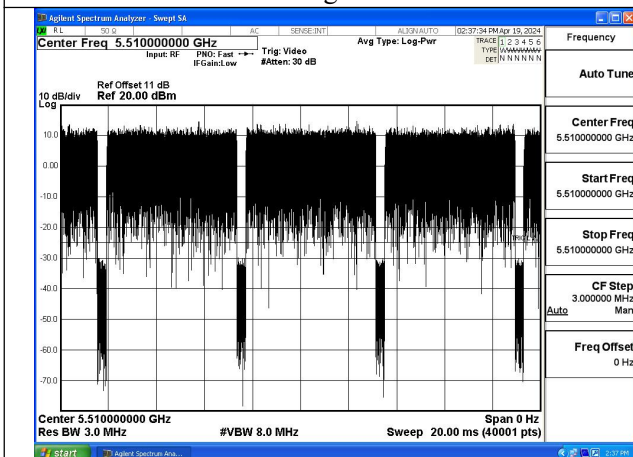


Fig.13

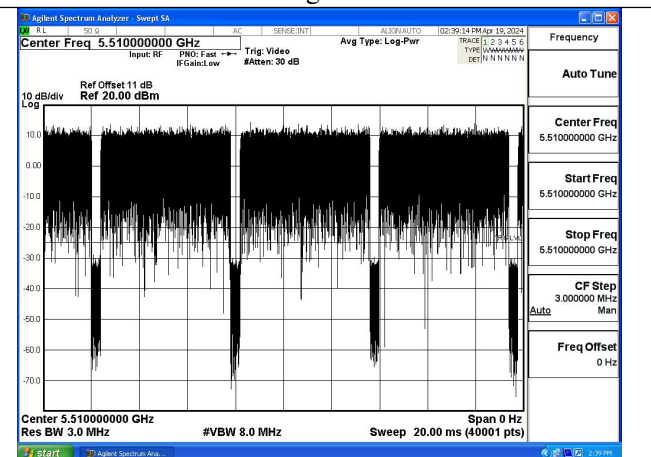


Fig.14

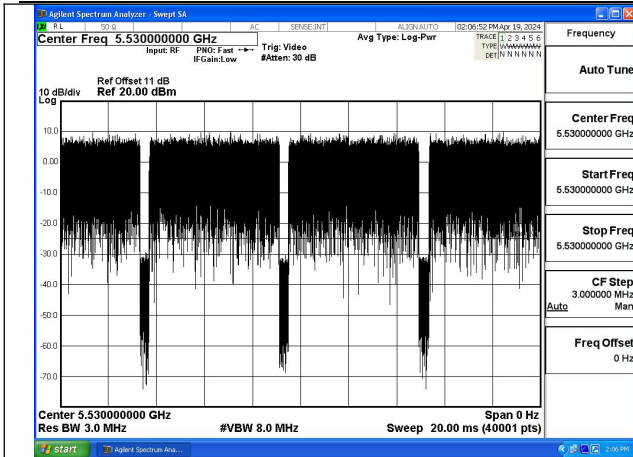


Fig.15

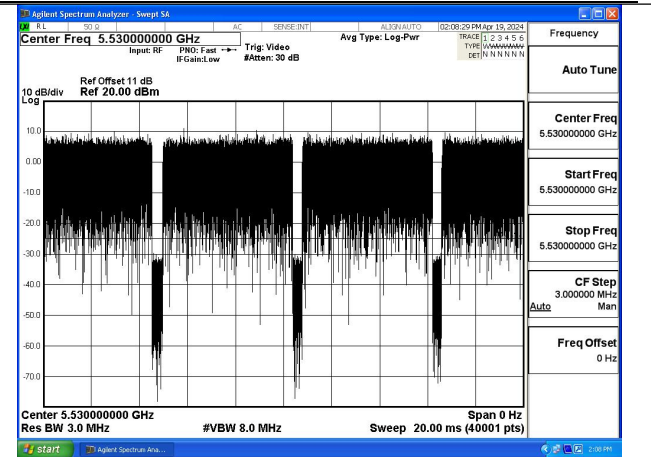


Fig.16

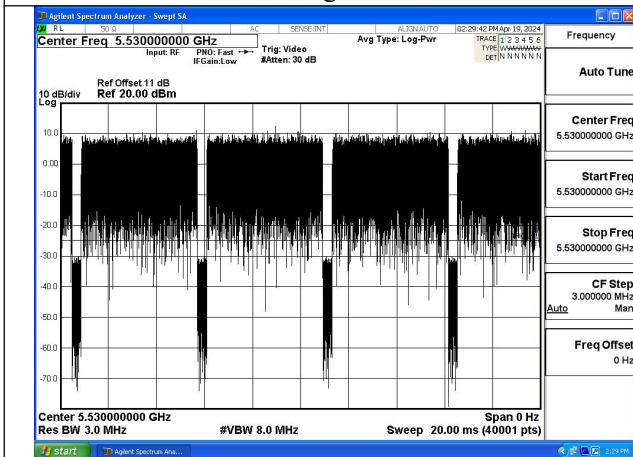


Fig.17

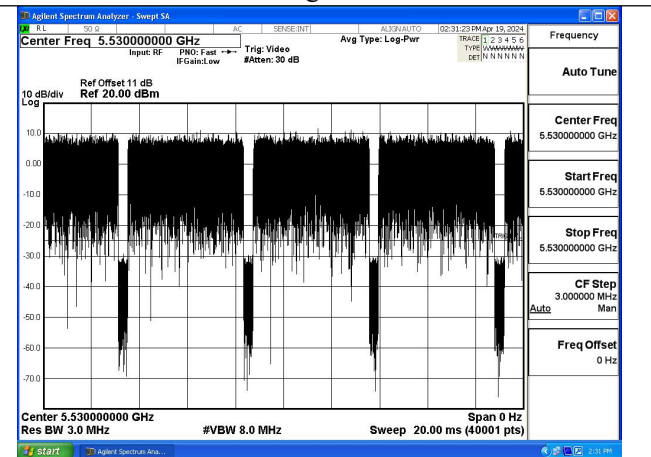


Fig.18

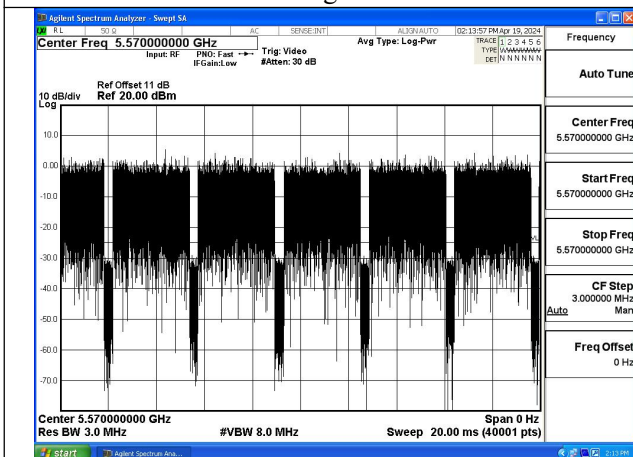


Fig.19

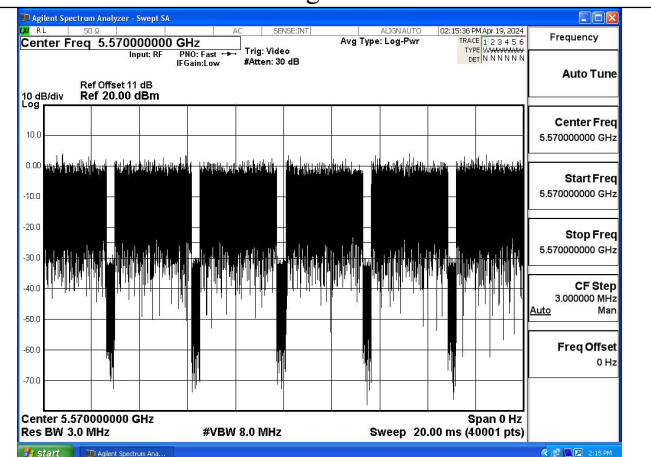


Fig.20

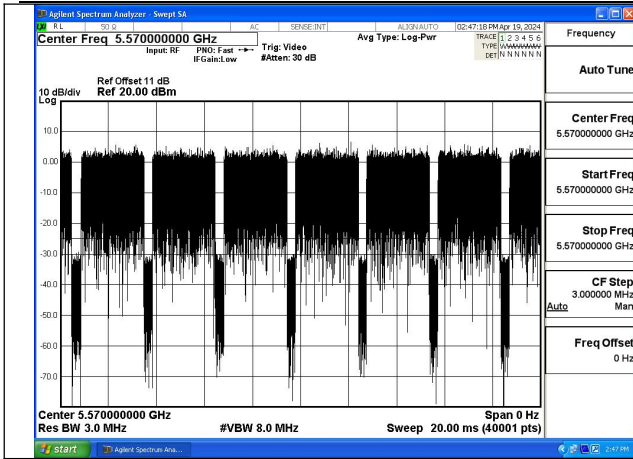


Fig.21

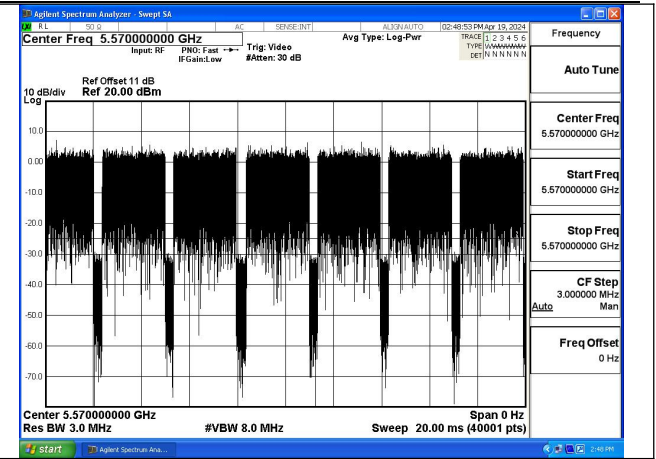


Fig.22

## Output Power

| Mode           | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|----------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11a        | NA                 | 5500               | Chain0  | 13.17                                        | 16.49         |
| 802.11a        | NA                 | 5500               | Chain1  | 13.23                                        | 16.55         |
| 802.11a        | NA                 | 5580               | Chain0  | 13.07                                        | 16.39         |
| 802.11a        | NA                 | 5580               | Chain1  | 12.95                                        | 16.27         |
| 802.11a        | NA                 | 5700               | Chain0  | 12.20                                        | 15.52         |
| 802.11a        | NA                 | 5700               | Chain1  | 12.14                                        | 15.46         |
| 802.11n HT20   | NA                 | 5500               | Chain0  | 13.52                                        | 16.84         |
| 802.11n HT20   | NA                 | 5500               | Chain1  | 13.60                                        | 16.92         |
| 802.11n HT20   | NA                 | 5500               | MIMO    | 16.57                                        | 19.89         |
| 802.11n HT20   | NA                 | 5580               | Chain0  | 13.07                                        | 16.39         |
| 802.11n HT20   | NA                 | 5580               | Chain1  | 13.08                                        | 16.40         |
| 802.11n HT20   | NA                 | 5580               | MIMO    | 16.09                                        | 19.41         |
| 802.11n HT20   | NA                 | 5700               | Chain0  | 12.43                                        | 15.75         |
| 802.11n HT20   | NA                 | 5700               | Chain1  | 12.39                                        | 15.71         |
| 802.11n HT20   | NA                 | 5700               | MIMO    | 15.42                                        | 18.74         |
| 802.11ac VHT20 | NA                 | 5500               | Chain0  | 13.45                                        | 16.77         |
| 802.11ac VHT20 | NA                 | 5500               | Chain1  | 13.55                                        | 16.87         |
| 802.11ac VHT20 | NA                 | 5500               | MIMO    | 16.51                                        | 19.83         |
| 802.11ac VHT20 | NA                 | 5580               | Chain0  | 13.06                                        | 16.38         |
| 802.11ac VHT20 | NA                 | 5580               | Chain1  | 13.00                                        | 16.32         |
| 802.11ac VHT20 | NA                 | 5580               | MIMO    | 16.04                                        | 19.36         |
| 802.11ac VHT20 | NA                 | 5700               | Chain0  | 12.31                                        | 15.63         |
| 802.11ac VHT20 | NA                 | 5700               | Chain1  | 12.41                                        | 15.73         |
| 802.11ac VHT20 | NA                 | 5700               | MIMO    | 15.37                                        | 18.69         |
| 802.11n HT40   | NA                 | 5510               | Chain0  | 13.76                                        | 17.08         |
| 802.11n HT40   | NA                 | 5510               | Chain1  | 14.10                                        | 17.42         |
| 802.11n HT40   | NA                 | 5510               | MIMO    | 16.94                                        | 20.26         |
| 802.11n HT40   | NA                 | 5590               | Chain0  | 13.40                                        | 16.72         |
| 802.11n HT40   | NA                 | 5590               | Chain1  | 13.24                                        | 16.56         |
| 802.11n HT40   | NA                 | 5590               | MIMO    | 16.33                                        | 19.65         |
| 802.11n HT40   | NA                 | 5670               | Chain0  | 12.63                                        | 15.95         |
| 802.11n HT40   | NA                 | 5670               | Chain1  | 12.65                                        | 15.97         |
| 802.11n HT40   | NA                 | 5670               | MIMO    | 15.65                                        | 18.97         |
| 802.11ac VHT40 | NA                 | 5510               | Chain0  | 13.92                                        | 17.24         |
| 802.11ac VHT40 | NA                 | 5510               | Chain1  | 13.82                                        | 17.14         |
| 802.11ac VHT40 | NA                 | 5510               | MIMO    | 16.88                                        | 20.20         |
| 802.11ac VHT40 | NA                 | 5590               | Chain0  | 13.27                                        | 16.59         |
| 802.11ac VHT40 | NA                 | 5590               | Chain1  | 13.27                                        | 16.59         |
| 802.11ac VHT40 | NA                 | 5590               | MIMO    | 16.28                                        | 19.60         |
| 802.11ac VHT40 | NA                 | 5670               | Chain0  | 12.60                                        | 15.92         |
| 802.11ac VHT40 | NA                 | 5670               | Chain1  | 12.68                                        | 16.00         |
| 802.11ac VHT40 | NA                 | 5670               | MIMO    | 15.65                                        | 18.97         |



|                 |    |      |        |       |       |
|-----------------|----|------|--------|-------|-------|
| 802.11ac VHT80  | NA | 5530 | Chain0 | 14.27 | 17.59 |
| 802.11ac VHT80  | NA | 5530 | Chain1 | 14.17 | 17.49 |
| 802.11ac VHT80  | NA | 5530 | MIMO   | 17.23 | 20.55 |
| 802.11ac VHT80  | NA | 5610 | Chain0 | 13.36 | 16.68 |
| 802.11ac VHT80  | NA | 5610 | Chain1 | 13.56 | 16.88 |
| 802.11ac VHT80  | NA | 5610 | MIMO   | 16.47 | 19.79 |
| 802.11ac VHT160 | NA | 5570 | Chain0 | 12.94 | 16.26 |
| 802.11ac VHT160 | NA | 5570 | Chain1 | 13.23 | 16.55 |
| 802.11ac VHT160 | NA | 5570 | MIMO   | 16.10 | 19.42 |

| Mode          | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|---------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11ax HE20 | 26T 0              | 5500               | Chain0  | 10.58                                        | 13.90         |
| 802.11ax HE20 | 26T 0              | 5500               | Chain1  | 10.51                                        | 13.83         |
| 802.11ax HE20 | 26T 0              | 5500               | MIMO    | 13.56                                        | 16.88         |
| 802.11ax HE20 | 26T 0              | 5580               | Chain0  | 10.07                                        | 13.39         |
| 802.11ax HE20 | 26T 0              | 5580               | Chain1  | 10.11                                        | 13.43         |
| 802.11ax HE20 | 26T 0              | 5580               | MIMO    | 13.10                                        | 16.42         |
| 802.11ax HE20 | 26T 0              | 5700               | Chain0  | 9.65                                         | 12.97         |
| 802.11ax HE20 | 26T 0              | 5700               | Chain1  | 9.62                                         | 12.94         |
| 802.11ax HE20 | 26T 0              | 5700               | MIMO    | 12.65                                        | 15.97         |
| 802.11ax HE20 | 26T 4              | 5500               | Chain0  | 10.61                                        | 13.93         |
| 802.11ax HE20 | 26T 4              | 5500               | Chain1  | 10.62                                        | 13.94         |
| 802.11ax HE20 | 26T 4              | 5500               | MIMO    | 13.63                                        | 16.95         |
| 802.11ax HE20 | 26T 4              | 5580               | Chain0  | 10.09                                        | 13.41         |
| 802.11ax HE20 | 26T 4              | 5580               | Chain1  | 10.16                                        | 13.48         |
| 802.11ax HE20 | 26T 4              | 5580               | MIMO    | 13.14                                        | 16.46         |
| 802.11ax HE20 | 26T 4              | 5700               | Chain0  | 9.61                                         | 12.93         |
| 802.11ax HE20 | 26T 4              | 5700               | Chain1  | 9.70                                         | 13.02         |
| 802.11ax HE20 | 26T 4              | 5700               | MIMO    | 12.67                                        | 15.99         |
| 802.11ax HE20 | 26T 8              | 5500               | Chain0  | 10.60                                        | 13.92         |
| 802.11ax HE20 | 26T 8              | 5500               | Chain1  | 10.69                                        | 14.01         |
| 802.11ax HE20 | 26T 8              | 5500               | MIMO    | 13.66                                        | 16.98         |
| 802.11ax HE20 | 26T 8              | 5580               | Chain0  | 10.20                                        | 13.52         |
| 802.11ax HE20 | 26T 8              | 5580               | Chain1  | 10.12                                        | 13.44         |
| 802.11ax HE20 | 26T 8              | 5580               | MIMO    | 13.17                                        | 16.49         |
| 802.11ax HE20 | 26T 8              | 5700               | Chain0  | 9.56                                         | 12.88         |
| 802.11ax HE20 | 26T 8              | 5700               | Chain1  | 9.65                                         | 12.97         |
| 802.11ax HE20 | 26T 8              | 5700               | MIMO    | 12.62                                        | 15.94         |
| 802.11ax HE20 | 52T 37             | 5500               | Chain0  | 10.41                                        | 13.73         |
| 802.11ax HE20 | 52T 37             | 5500               | Chain1  | 10.46                                        | 13.78         |
| 802.11ax HE20 | 52T 37             | 5500               | MIMO    | 13.45                                        | 16.77         |
| 802.11ax HE20 | 52T 37             | 5580               | Chain0  | 9.98                                         | 13.30         |
| 802.11ax HE20 | 52T 37             | 5580               | Chain1  | 9.99                                         | 13.31         |
| 802.11ax HE20 | 52T 37             | 5580               | MIMO    | 13.00                                        | 16.32         |

|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE20 | 52T 37  | 5700 | Chain0 | 9.49  | 12.81 |
| 802.11ax HE20 | 52T 37  | 5700 | Chain1 | 9.47  | 12.79 |
| 802.11ax HE20 | 52T 37  | 5700 | MIMO   | 12.49 | 15.81 |
| 802.11ax HE20 | 52T 39  | 5500 | Chain0 | 10.37 | 13.69 |
| 802.11ax HE20 | 52T 39  | 5500 | Chain1 | 10.47 | 13.79 |
| 802.11ax HE20 | 52T 39  | 5500 | MIMO   | 13.43 | 16.75 |
| 802.11ax HE20 | 52T 39  | 5580 | Chain0 | 10.03 | 13.35 |
| 802.11ax HE20 | 52T 39  | 5580 | Chain1 | 9.95  | 13.27 |
| 802.11ax HE20 | 52T 39  | 5580 | MIMO   | 13.00 | 16.32 |
| 802.11ax HE20 | 52T 39  | 5700 | Chain0 | 9.54  | 12.86 |
| 802.11ax HE20 | 52T 39  | 5700 | Chain1 | 9.51  | 12.83 |
| 802.11ax HE20 | 52T 39  | 5700 | MIMO   | 12.54 | 15.86 |
| 802.11ax HE20 | 52T 40  | 5500 | Chain0 | 10.48 | 13.80 |
| 802.11ax HE20 | 52T 40  | 5500 | Chain1 | 10.67 | 13.99 |
| 802.11ax HE20 | 52T 40  | 5500 | MIMO   | 13.59 | 16.91 |
| 802.11ax HE20 | 52T 40  | 5580 | Chain0 | 10.08 | 13.40 |
| 802.11ax HE20 | 52T 40  | 5580 | Chain1 | 10.01 | 13.33 |
| 802.11ax HE20 | 52T 40  | 5580 | MIMO   | 13.06 | 16.38 |
| 802.11ax HE20 | 52T 40  | 5700 | Chain0 | 9.51  | 12.83 |
| 802.11ax HE20 | 52T 40  | 5700 | Chain1 | 9.48  | 12.80 |
| 802.11ax HE20 | 52T 40  | 5700 | MIMO   | 12.51 | 15.83 |
| 802.11ax HE20 | 106T 53 | 5500 | Chain0 | 10.66 | 13.98 |
| 802.11ax HE20 | 106T 53 | 5500 | Chain1 | 10.51 | 13.83 |
| 802.11ax HE20 | 106T 53 | 5500 | MIMO   | 13.60 | 16.92 |
| 802.11ax HE20 | 106T 53 | 5580 | Chain0 | 10.09 | 13.41 |
| 802.11ax HE20 | 106T 53 | 5580 | Chain1 | 10.10 | 13.42 |
| 802.11ax HE20 | 106T 53 | 5580 | MIMO   | 13.11 | 16.43 |
| 802.11ax HE20 | 106T 53 | 5700 | Chain0 | 9.42  | 12.74 |
| 802.11ax HE20 | 106T 53 | 5700 | Chain1 | 9.43  | 12.75 |
| 802.11ax HE20 | 106T 53 | 5700 | MIMO   | 12.44 | 15.76 |
| 802.11ax HE20 | 106T 54 | 5500 | Chain0 | 10.61 | 13.93 |
| 802.11ax HE20 | 106T 54 | 5500 | Chain1 | 10.71 | 14.03 |
| 802.11ax HE20 | 106T 54 | 5500 | MIMO   | 13.67 | 16.99 |
| 802.11ax HE20 | 106T 54 | 5580 | Chain0 | 10.14 | 13.46 |
| 802.11ax HE20 | 106T 54 | 5580 | Chain1 | 10.09 | 13.41 |
| 802.11ax HE20 | 106T 54 | 5580 | MIMO   | 13.13 | 16.45 |
| 802.11ax HE20 | 106T 54 | 5700 | Chain0 | 9.44  | 12.76 |
| 802.11ax HE20 | 106T 54 | 5700 | Chain1 | 9.40  | 12.72 |
| 802.11ax HE20 | 106T 54 | 5700 | MIMO   | 12.43 | 15.75 |
| 802.11ax HE20 | 242T 61 | 5500 | Chain0 | 10.37 | 13.69 |
| 802.11ax HE20 | 242T 61 | 5500 | Chain1 | 10.33 | 13.65 |
| 802.11ax HE20 | 242T 61 | 5500 | MIMO   | 13.36 | 16.68 |
| 802.11ax HE20 | 242T 61 | 5580 | Chain0 | 10.02 | 13.34 |
| 802.11ax HE20 | 242T 61 | 5580 | Chain1 | 9.96  | 13.28 |
| 802.11ax HE20 | 242T 61 | 5580 | MIMO   | 13.00 | 16.32 |
| 802.11ax HE20 | 242T 61 | 5700 | Chain0 | 9.37  | 12.69 |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE20 | 242T 61 | 5700 | Chain1 | 9.39  | 12.71 |
| 802.11ax HE20 | 242T 61 | 5700 | MIMO   | 12.39 | 15.71 |
| 802.11ax HE40 | 26T 0   | 5510 | Chain0 | 10.96 | 14.28 |
| 802.11ax HE40 | 26T 0   | 5510 | Chain1 | 10.88 | 14.20 |
| 802.11ax HE40 | 26T 0   | 5510 | MIMO   | 13.93 | 17.25 |
| 802.11ax HE40 | 26T 0   | 5670 | Chain0 | 9.65  | 12.97 |
| 802.11ax HE40 | 26T 0   | 5670 | Chain1 | 9.56  | 12.88 |
| 802.11ax HE40 | 26T 0   | 5670 | MIMO   | 12.62 | 15.94 |
| 802.11ax HE40 | 26T 10  | 5510 | Chain0 | 10.88 | 14.20 |
| 802.11ax HE40 | 26T 10  | 5510 | Chain1 | 10.75 | 14.07 |
| 802.11ax HE40 | 26T 10  | 5510 | MIMO   | 13.83 | 17.15 |
| 802.11ax HE40 | 26T 10  | 5670 | Chain0 | 9.61  | 12.93 |
| 802.11ax HE40 | 26T 10  | 5670 | Chain1 | 9.65  | 12.97 |
| 802.11ax HE40 | 26T 10  | 5670 | MIMO   | 12.64 | 15.96 |
| 802.11ax HE40 | 26T 17  | 5510 | Chain0 | 11.07 | 14.39 |
| 802.11ax HE40 | 26T 17  | 5510 | Chain1 | 10.94 | 14.26 |
| 802.11ax HE40 | 26T 17  | 5510 | MIMO   | 14.02 | 17.34 |
| 802.11ax HE40 | 26T 17  | 5670 | Chain0 | 9.58  | 12.90 |
| 802.11ax HE40 | 26T 17  | 5670 | Chain1 | 9.60  | 12.92 |
| 802.11ax HE40 | 26T 17  | 5670 | MIMO   | 12.60 | 15.92 |
| 802.11ax HE40 | 52T 37  | 5510 | Chain0 | 10.88 | 14.20 |
| 802.11ax HE40 | 52T 37  | 5510 | Chain1 | 10.90 | 14.22 |
| 802.11ax HE40 | 52T 37  | 5510 | MIMO   | 13.90 | 17.22 |
| 802.11ax HE40 | 52T 37  | 5670 | Chain0 | 9.62  | 12.94 |
| 802.11ax HE40 | 52T 37  | 5670 | Chain1 | 9.74  | 13.06 |
| 802.11ax HE40 | 52T 37  | 5670 | MIMO   | 12.69 | 16.01 |
| 802.11ax HE40 | 52T 41  | 5510 | Chain0 | 11.11 | 14.43 |
| 802.11ax HE40 | 52T 41  | 5510 | Chain1 | 10.87 | 14.19 |
| 802.11ax HE40 | 52T 41  | 5510 | MIMO   | 14.00 | 17.32 |
| 802.11ax HE40 | 52T 41  | 5670 | Chain0 | 9.54  | 12.86 |
| 802.11ax HE40 | 52T 41  | 5670 | Chain1 | 9.78  | 13.10 |
| 802.11ax HE40 | 52T 41  | 5670 | MIMO   | 12.67 | 15.99 |
| 802.11ax HE40 | 52T 44  | 5510 | Chain0 | 10.95 | 14.27 |
| 802.11ax HE40 | 52T 44  | 5510 | Chain1 | 10.99 | 14.31 |
| 802.11ax HE40 | 52T 44  | 5510 | MIMO   | 13.98 | 17.30 |
| 802.11ax HE40 | 52T 44  | 5670 | Chain0 | 9.58  | 12.90 |
| 802.11ax HE40 | 52T 44  | 5670 | Chain1 | 9.79  | 13.11 |
| 802.11ax HE40 | 52T 44  | 5670 | MIMO   | 12.70 | 16.02 |
| 802.11ax HE40 | 106T 53 | 5510 | Chain0 | 11.05 | 14.37 |
| 802.11ax HE40 | 106T 53 | 5510 | Chain1 | 11.21 | 14.53 |
| 802.11ax HE40 | 106T 53 | 5510 | MIMO   | 14.14 | 17.46 |
| 802.11ax HE40 | 106T 53 | 5670 | Chain0 | 9.74  | 13.06 |
| 802.11ax HE40 | 106T 53 | 5670 | Chain1 | 9.71  | 13.03 |
| 802.11ax HE40 | 106T 53 | 5670 | MIMO   | 12.74 | 16.06 |
| 802.11ax HE40 | 106T 55 | 5510 | Chain0 | 11.12 | 14.44 |
| 802.11ax HE40 | 106T 55 | 5510 | Chain1 | 11.00 | 14.32 |

|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE40 | 106T 55 | 5510 | MIMO   | 14.07 | 17.39 |
| 802.11ax HE40 | 106T 55 | 5670 | Chain0 | 9.68  | 13.00 |
| 802.11ax HE40 | 106T 55 | 5670 | Chain1 | 9.54  | 12.86 |
| 802.11ax HE40 | 106T 55 | 5670 | MIMO   | 12.62 | 15.94 |
| 802.11ax HE40 | 106T 56 | 5510 | Chain0 | 11.05 | 14.37 |
| 802.11ax HE40 | 106T 56 | 5510 | Chain1 | 10.91 | 14.23 |
| 802.11ax HE40 | 106T 56 | 5510 | MIMO   | 13.99 | 17.31 |
| 802.11ax HE40 | 106T 56 | 5670 | Chain0 | 9.71  | 13.03 |
| 802.11ax HE40 | 106T 56 | 5670 | Chain1 | 9.65  | 12.97 |
| 802.11ax HE40 | 106T 56 | 5670 | MIMO   | 12.69 | 16.01 |
| 802.11ax HE40 | 242T 61 | 5510 | Chain0 | 10.60 | 13.92 |
| 802.11ax HE40 | 242T 61 | 5510 | Chain1 | 10.44 | 13.76 |
| 802.11ax HE40 | 242T 61 | 5510 | MIMO   | 13.53 | 16.85 |
| 802.11ax HE40 | 242T 61 | 5670 | Chain0 | 9.45  | 12.77 |
| 802.11ax HE40 | 242T 61 | 5670 | Chain1 | 9.30  | 12.62 |
| 802.11ax HE40 | 242T 61 | 5670 | MIMO   | 12.39 | 15.71 |
| 802.11ax HE40 | 242T 62 | 5510 | Chain0 | 10.61 | 13.93 |
| 802.11ax HE40 | 242T 62 | 5510 | Chain1 | 10.53 | 13.85 |
| 802.11ax HE40 | 242T 62 | 5510 | MIMO   | 13.58 | 16.90 |
| 802.11ax HE40 | 242T 62 | 5670 | Chain0 | 9.37  | 12.69 |
| 802.11ax HE40 | 242T 62 | 5670 | Chain1 | 9.42  | 12.74 |
| 802.11ax HE40 | 242T 62 | 5670 | MIMO   | 12.41 | 15.73 |
| 802.11ax HE40 | 484T 65 | 5510 | Chain0 | 10.37 | 13.69 |
| 802.11ax HE40 | 484T 65 | 5510 | Chain1 | 10.23 | 13.55 |
| 802.11ax HE40 | 484T 65 | 5510 | MIMO   | 13.31 | 16.63 |
| 802.11ax HE40 | 484T 65 | 5670 | Chain0 | 9.21  | 12.53 |
| 802.11ax HE40 | 484T 65 | 5670 | Chain1 | 9.26  | 12.58 |
| 802.11ax HE40 | 484T 65 | 5670 | MIMO   | 12.25 | 15.57 |
| 802.11ax HE80 | 26T 0   | 5530 | Chain0 | 12.01 | 15.33 |
| 802.11ax HE80 | 26T 0   | 5530 | Chain1 | 11.62 | 14.94 |
| 802.11ax HE80 | 26T 0   | 5530 | MIMO   | 14.83 | 18.15 |
| 802.11ax HE80 | 26T 0   | 5610 | Chain0 | 11.21 | 14.53 |
| 802.11ax HE80 | 26T 0   | 5610 | Chain1 | 11.04 | 14.36 |
| 802.11ax HE80 | 26T 0   | 5610 | MIMO   | 14.14 | 17.46 |
| 802.11ax HE80 | 26T 18  | 5530 | Chain0 | 11.88 | 15.20 |
| 802.11ax HE80 | 26T 18  | 5530 | Chain1 | 11.55 | 14.87 |
| 802.11ax HE80 | 26T 18  | 5530 | MIMO   | 14.73 | 18.05 |
| 802.11ax HE80 | 26T 18  | 5610 | Chain0 | 11.32 | 14.64 |
| 802.11ax HE80 | 26T 18  | 5610 | Chain1 | 11.03 | 14.35 |
| 802.11ax HE80 | 26T 18  | 5610 | MIMO   | 14.19 | 17.51 |
| 802.11ax HE80 | 26T 36  | 5530 | Chain0 | 11.85 | 15.17 |
| 802.11ax HE80 | 26T 36  | 5530 | Chain1 | 11.82 | 15.14 |
| 802.11ax HE80 | 26T 36  | 5530 | MIMO   | 14.85 | 18.17 |
| 802.11ax HE80 | 26T 36  | 5610 | Chain0 | 11.28 | 14.60 |
| 802.11ax HE80 | 26T 36  | 5610 | Chain1 | 11.23 | 14.55 |
| 802.11ax HE80 | 26T 36  | 5610 | MIMO   | 14.27 | 17.59 |

|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE80 | 52T 37  | 5530 | Chain0 | 11.59 | 14.91 |
| 802.11ax HE80 | 52T 37  | 5530 | Chain1 | 11.84 | 15.16 |
| 802.11ax HE80 | 52T 37  | 5530 | MIMO   | 14.73 | 18.05 |
| 802.11ax HE80 | 52T 37  | 5610 | Chain0 | 11.44 | 14.76 |
| 802.11ax HE80 | 52T 37  | 5610 | Chain1 | 11.25 | 14.57 |
| 802.11ax HE80 | 52T 37  | 5610 | MIMO   | 14.36 | 17.68 |
| 802.11ax HE80 | 52T 45  | 5530 | Chain0 | 11.74 | 15.06 |
| 802.11ax HE80 | 52T 45  | 5530 | Chain1 | 11.84 | 15.16 |
| 802.11ax HE80 | 52T 45  | 5530 | MIMO   | 14.80 | 18.12 |
| 802.11ax HE80 | 52T 45  | 5610 | Chain0 | 11.24 | 14.56 |
| 802.11ax HE80 | 52T 45  | 5610 | Chain1 | 11.35 | 14.67 |
| 802.11ax HE80 | 52T 45  | 5610 | MIMO   | 14.31 | 17.63 |
| 802.11ax HE80 | 52T 52  | 5530 | Chain0 | 11.71 | 15.03 |
| 802.11ax HE80 | 52T 52  | 5530 | Chain1 | 11.68 | 15.00 |
| 802.11ax HE80 | 52T 52  | 5530 | MIMO   | 14.71 | 18.03 |
| 802.11ax HE80 | 52T 52  | 5610 | Chain0 | 11.09 | 14.41 |
| 802.11ax HE80 | 52T 52  | 5610 | Chain1 | 11.27 | 14.59 |
| 802.11ax HE80 | 52T 52  | 5610 | MIMO   | 14.19 | 17.51 |
| 802.11ax HE80 | 106T 53 | 5530 | Chain0 | 11.70 | 15.02 |
| 802.11ax HE80 | 106T 53 | 5530 | Chain1 | 11.86 | 15.18 |
| 802.11ax HE80 | 106T 53 | 5530 | MIMO   | 14.79 | 18.11 |
| 802.11ax HE80 | 106T 53 | 5610 | Chain0 | 11.32 | 14.64 |
| 802.11ax HE80 | 106T 53 | 5610 | Chain1 | 10.99 | 14.31 |
| 802.11ax HE80 | 106T 53 | 5610 | MIMO   | 14.17 | 17.49 |
| 802.11ax HE80 | 106T 57 | 5530 | Chain0 | 11.70 | 15.02 |
| 802.11ax HE80 | 106T 57 | 5530 | Chain1 | 11.81 | 15.13 |
| 802.11ax HE80 | 106T 57 | 5530 | MIMO   | 14.77 | 18.09 |
| 802.11ax HE80 | 106T 57 | 5610 | Chain0 | 11.20 | 14.52 |
| 802.11ax HE80 | 106T 57 | 5610 | Chain1 | 11.06 | 14.38 |
| 802.11ax HE80 | 106T 57 | 5610 | MIMO   | 14.14 | 17.46 |
| 802.11ax HE80 | 106T 60 | 5530 | Chain0 | 11.76 | 15.08 |
| 802.11ax HE80 | 106T 60 | 5530 | Chain1 | 11.74 | 15.06 |
| 802.11ax HE80 | 106T 60 | 5530 | MIMO   | 14.76 | 18.08 |
| 802.11ax HE80 | 106T 60 | 5610 | Chain0 | 11.03 | 14.35 |
| 802.11ax HE80 | 106T 60 | 5610 | Chain1 | 11.16 | 14.48 |
| 802.11ax HE80 | 106T 60 | 5610 | MIMO   | 14.11 | 17.43 |
| 802.11ax HE80 | 242T 61 | 5530 | Chain0 | 11.63 | 14.95 |
| 802.11ax HE80 | 242T 61 | 5530 | Chain1 | 11.71 | 15.03 |
| 802.11ax HE80 | 242T 61 | 5530 | MIMO   | 14.68 | 18.00 |
| 802.11ax HE80 | 242T 61 | 5610 | Chain0 | 11.08 | 14.40 |
| 802.11ax HE80 | 242T 61 | 5610 | Chain1 | 10.95 | 14.27 |
| 802.11ax HE80 | 242T 61 | 5610 | MIMO   | 14.03 | 17.35 |
| 802.11ax HE80 | 242T 63 | 5530 | Chain0 | 11.71 | 15.03 |
| 802.11ax HE80 | 242T 63 | 5530 | Chain1 | 11.58 | 14.90 |
| 802.11ax HE80 | 242T 63 | 5530 | MIMO   | 14.66 | 17.98 |
| 802.11ax HE80 | 242T 63 | 5610 | Chain0 | 10.99 | 14.31 |

|                |         |      |        |       |       |
|----------------|---------|------|--------|-------|-------|
| 802.11ax HE80  | 242T 63 | 5610 | Chain1 | 10.94 | 14.26 |
| 802.11ax HE80  | 242T 63 | 5610 | MIMO   | 13.98 | 17.30 |
| 802.11ax HE80  | 242T 64 | 5530 | Chain0 | 11.56 | 14.88 |
| 802.11ax HE80  | 242T 64 | 5530 | Chain1 | 11.58 | 14.90 |
| 802.11ax HE80  | 242T 64 | 5530 | MIMO   | 14.58 | 17.90 |
| 802.11ax HE80  | 242T 64 | 5610 | Chain0 | 10.89 | 14.21 |
| 802.11ax HE80  | 242T 64 | 5610 | Chain1 | 10.91 | 14.23 |
| 802.11ax HE80  | 242T 64 | 5610 | MIMO   | 13.91 | 17.23 |
| 802.11ax HE80  | 484T 65 | 5530 | Chain0 | 11.26 | 14.58 |
| 802.11ax HE80  | 484T 65 | 5530 | Chain1 | 11.33 | 14.65 |
| 802.11ax HE80  | 484T 65 | 5530 | MIMO   | 14.31 | 17.63 |
| 802.11ax HE80  | 484T 65 | 5610 | Chain0 | 10.78 | 14.10 |
| 802.11ax HE80  | 484T 65 | 5610 | Chain1 | 10.66 | 13.98 |
| 802.11ax HE80  | 484T 65 | 5610 | MIMO   | 13.73 | 17.05 |
| 802.11ax HE80  | 484T 66 | 5530 | Chain0 | 11.31 | 14.63 |
| 802.11ax HE80  | 484T 66 | 5530 | Chain1 | 11.14 | 14.46 |
| 802.11ax HE80  | 484T 66 | 5530 | MIMO   | 14.24 | 17.56 |
| 802.11ax HE80  | 484T 66 | 5610 | Chain0 | 10.74 | 14.06 |
| 802.11ax HE80  | 484T 66 | 5610 | Chain1 | 10.71 | 14.03 |
| 802.11ax HE80  | 484T 66 | 5610 | MIMO   | 13.74 | 17.06 |
| 802.11ax HE80  | 996T 67 | 5530 | Chain0 | 8.25  | 11.57 |
| 802.11ax HE80  | 996T 67 | 5530 | Chain1 | 8.72  | 12.04 |
| 802.11ax HE80  | 996T 67 | 5530 | MIMO   | 11.50 | 14.82 |
| 802.11ax HE80  | 996T 67 | 5610 | Chain0 | 9.09  | 12.41 |
| 802.11ax HE80  | 996T 67 | 5610 | Chain1 | 8.24  | 11.56 |
| 802.11ax HE80  | 996T 67 | 5610 | MIMO   | 11.70 | 15.02 |
| 802.11ax HE160 | 26T L   | 5570 | Chain0 | 10.10 | 13.42 |
| 802.11ax HE160 | 26T L   | 5570 | Chain1 | 10.35 | 13.67 |
| 802.11ax HE160 | 26T L   | 5570 | MIMO   | 13.24 | 16.56 |
| 802.11ax HE160 | 26T H   | 5570 | Chain0 | 10.48 | 13.80 |
| 802.11ax HE160 | 26T H   | 5570 | Chain1 | 10.20 | 13.52 |
| 802.11ax HE160 | 26T H   | 5570 | MIMO   | 13.35 | 16.67 |
| 802.11ax HE160 | 52T L   | 5570 | Chain0 | 10.21 | 13.53 |
| 802.11ax HE160 | 52T L   | 5570 | Chain1 | 10.20 | 13.52 |
| 802.11ax HE160 | 52T L   | 5570 | MIMO   | 13.22 | 16.54 |
| 802.11ax HE160 | 52T H   | 5570 | Chain0 | 10.17 | 13.49 |
| 802.11ax HE160 | 52T H   | 5570 | Chain1 | 10.19 | 13.51 |
| 802.11ax HE160 | 52T H   | 5570 | MIMO   | 13.19 | 16.51 |
| 802.11ax HE160 | 106T L  | 5570 | Chain0 | 10.12 | 13.44 |
| 802.11ax HE160 | 106T L  | 5570 | Chain1 | 10.11 | 13.43 |
| 802.11ax HE160 | 106T L  | 5570 | MIMO   | 13.13 | 16.45 |
| 802.11ax HE160 | 106T H  | 5570 | Chain0 | 10.19 | 13.51 |
| 802.11ax HE160 | 106T H  | 5570 | Chain1 | 10.17 | 13.49 |
| 802.11ax HE160 | 106T H  | 5570 | MIMO   | 13.19 | 16.51 |
| 802.11ax HE160 | 242T L  | 5570 | Chain0 | 10.32 | 13.64 |
| 802.11ax HE160 | 242T L  | 5570 | Chain1 | 10.33 | 13.65 |

|                |          |      |        |       |       |
|----------------|----------|------|--------|-------|-------|
| 802.11ax HE160 | 242T L   | 5570 | MIMO   | 13.34 | 16.66 |
| 802.11ax HE160 | 242T H   | 5570 | Chain0 | 10.25 | 13.57 |
| 802.11ax HE160 | 242T H   | 5570 | Chain1 | 10.04 | 13.36 |
| 802.11ax HE160 | 242T H   | 5570 | MIMO   | 13.16 | 16.48 |
| 802.11ax HE160 | 484T L   | 5570 | Chain0 | 10.22 | 13.54 |
| 802.11ax HE160 | 484T L   | 5570 | Chain1 | 10.12 | 13.44 |
| 802.11ax HE160 | 484T L   | 5570 | MIMO   | 13.18 | 16.50 |
| 802.11ax HE160 | 484T H   | 5570 | Chain0 | 10.02 | 13.34 |
| 802.11ax HE160 | 484T H   | 5570 | Chain1 | 10.22 | 13.54 |
| 802.11ax HE160 | 484T H   | 5570 | MIMO   | 13.13 | 16.45 |
| 802.11ax HE160 | 996T L   | 5570 | Chain0 | 9.89  | 13.21 |
| 802.11ax HE160 | 996T L   | 5570 | Chain1 | 10.04 | 13.36 |
| 802.11ax HE160 | 996T L   | 5570 | MIMO   | 12.98 | 16.30 |
| 802.11ax HE160 | 996T H   | 5570 | Chain0 | 10.00 | 13.32 |
| 802.11ax HE160 | 996T H   | 5570 | Chain1 | 9.84  | 13.16 |
| 802.11ax HE160 | 996T H   | 5570 | MIMO   | 12.93 | 16.25 |
| 802.11ax HE160 | 1992T LH | 5570 | Chain0 | 13.16 | 16.48 |
| 802.11ax HE160 | 1992T LH | 5570 | Chain1 | 13.27 | 16.59 |
| 802.11ax HE160 | 1992T LH | 5570 | MIMO   | 16.23 | 19.55 |

## Emission Bandwidth

Offset 11dB = Attenuator + Temporary antenna connector loss + Cable loss

| Test Mode      | Antenna | 26dB Bandwidth (MHz) |         |         |
|----------------|---------|----------------------|---------|---------|
|                |         | 5500MHz              | 5580MHz | 5700MHz |
| 802.11a        | Chain0  | 18.81                | 19.25   | 18.99   |
| 802.11a        | Chain1  | 19.26                | 19.73   | 19.12   |
| 802.11n HT20   | Chain0  | 20.30                | 20.01   | 20.47   |
| 802.11n HT20   | Chain1  | 20.22                | 20.07   | 20.39   |
| 802.11ac VHT20 | Chain0  | 20.18                | 20.45   | 20.55   |
| 802.11ac VHT20 | Chain1  | 20.65                | 20.30   | 20.66   |
| 802.11ax HE20  | Chain0  | 21.06                | 20.60   | 21.12   |
| 802.11ax HE20  | Chain1  | 20.56                | 20.48   | 21.20   |

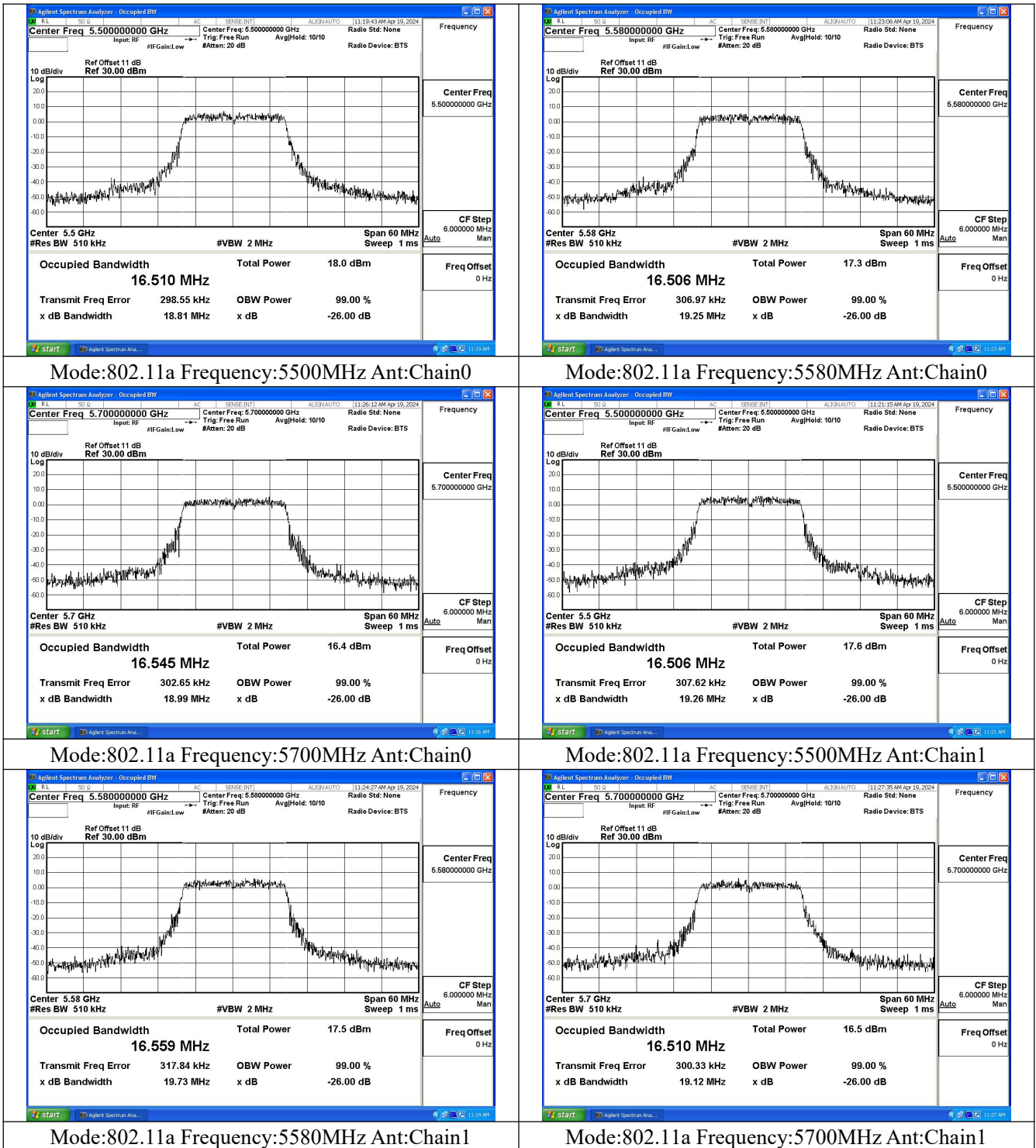
| Test Mode      | Antenna | 26dB Bandwidth (MHz) |         |         |
|----------------|---------|----------------------|---------|---------|
|                |         | 5510MHz              | 5590MHz | 5670MHz |
| 802.11n HT40   | Chain0  | 39.64                | 39.34   | 39.09   |
| 802.11n HT40   | Chain1  | 39.39                | 39.66   | 39.88   |
| 802.11ac VHT40 | Chain0  | 39.16                | 39.06   | 40.14   |
| 802.11ac VHT40 | Chain1  | 39.44                | 39.53   | 39.29   |
| 802.11ax HE40  | Chain0  | 40.46                | 40.03   | 40.71   |
| 802.11ax HE40  | Chain1  | 40.43                | 40.03   | 40.21   |

| Test Mode      | Antenna | 26dB Bandwidth (MHz) |     |         |
|----------------|---------|----------------------|-----|---------|
|                |         | 5530MHz              | --- | 5610MHz |
| 802.11ac VHT80 | Chain0  | 81.92                | --- | 81.59   |
| 802.11ac VHT80 | Chain1  | 81.82                | --- | 81.60   |
| 802.11ax HE80  | Chain0  | 82.52                | --- | 82.60   |
| 802.11ax HE80  | Chain1  | 82.02                | --- | 82.40   |

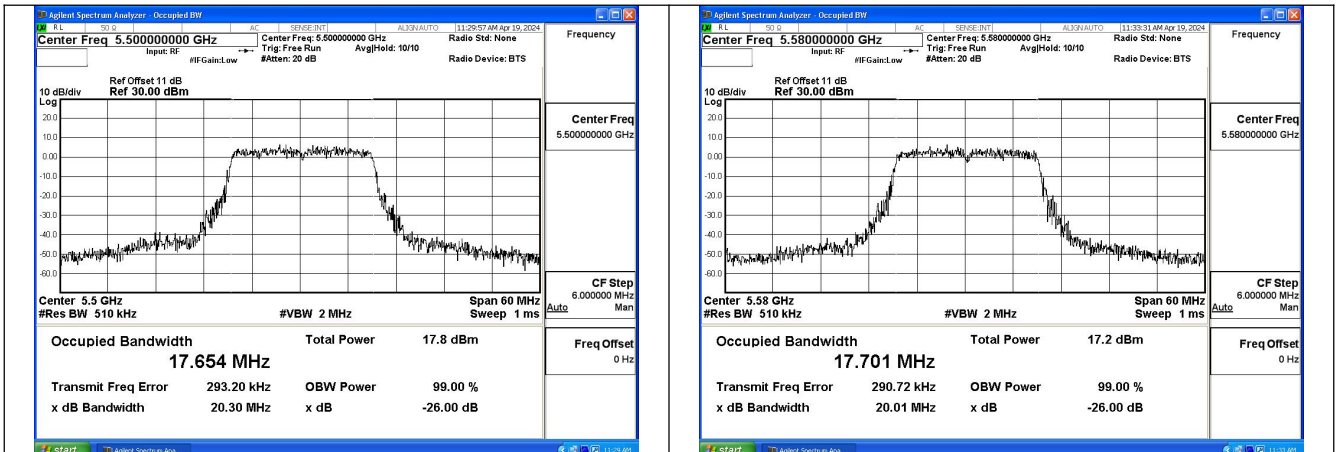
| Test Mode       | Antenna | 26dB Bandwidth (MHz) |     |     |
|-----------------|---------|----------------------|-----|-----|
|                 |         | 5570MHz              | --- | --- |
| 802.11ac VHT160 | Chain0  | 163.25               | --- | --- |
| 802.11ac VHT160 | Chain1  | 162.47               | --- | --- |
| 802.11ax HE160  | Chain0  | 162.60               | --- | --- |
| 802.11ax HE160  | Chain1  | 162.53               | --- | --- |



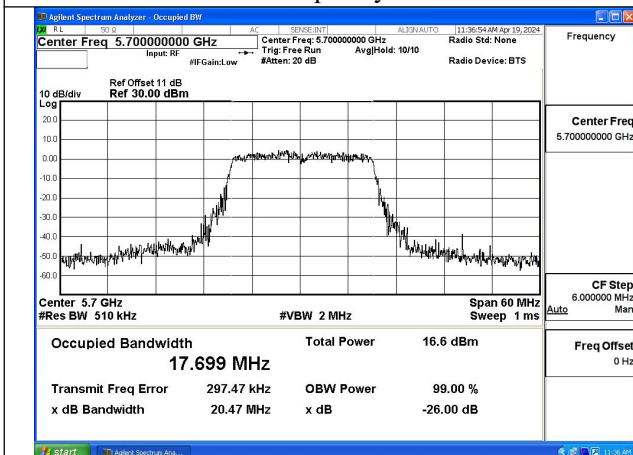
Test Mode: 802.11a



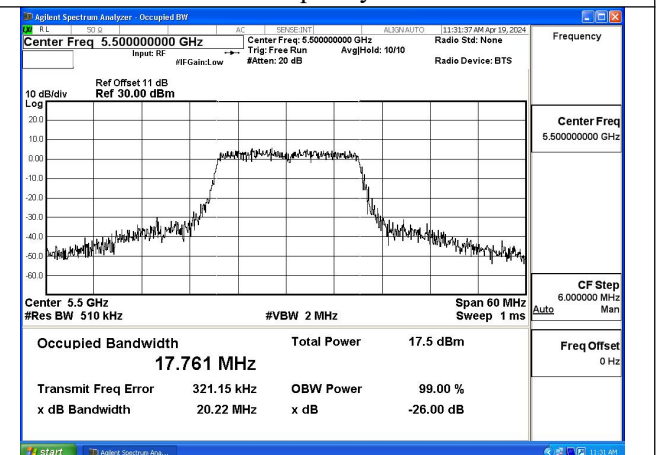
Test Mode: 802.11n HT20



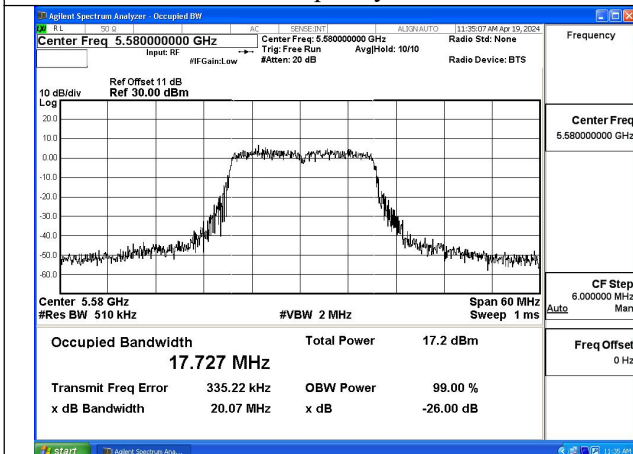
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0



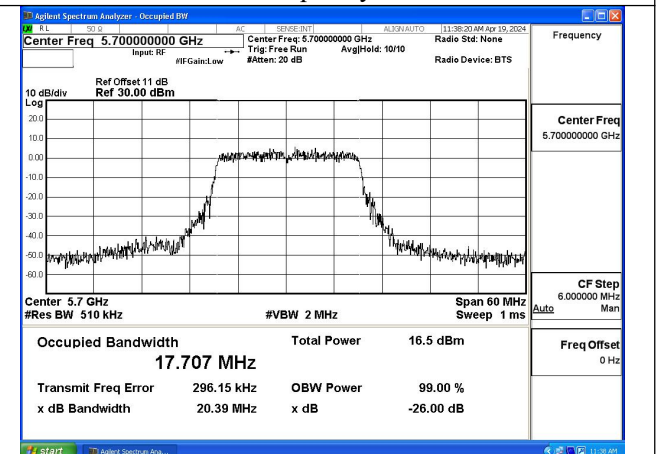
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5700MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

Mode:802.11n HT20 Frequency:5700MHz Ant:Chain1