

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

| Test Mode | Frequency (MHz) | Duty Cycle (%) | Correction Factor(dB) |
|----------------|-----------------|----------------|-----------------------|
| 802.11a | 5260 | 98.66% | 0.06 |
| 802.11n HT20 | 5260 | 99.55% | 0.02 |
| 802.11n HT40 | 5270 | 99.53% | 0.02 |
| 802.11ac VHT20 | 5260 | 99.54% | 0.02 |
| 802.11ac VHT40 | 5270 | 99.47% | 0.02 |
| 802.11ac VHT80 | 5290 | 99.46% | 0.02 |
| 802.11ax HE20 | 5260 | 99.54% | 0.02 |
| 802.11ax HE40 | 5270 | 99.47% | 0.02 |
| 802.11ax HE80 | 5290 | 99.45% | 0.02 |

Output Power
NII2A

| Mode | Tones/ RUIndex | Freq (MHz) | Ant | Conducted average power output(dBm) | EIRP (dBm) |
|-------------|-------------------|---------------|-----------|--|---------------|
| 802.11a | NA | 5260 | Ant7 | 11.37 | 7.87 |
| | | | Ant8 | 11.62 | 11.12 |
| | | 5280 | Ant7 | 11.31 | 7.81 |
| | | | Ant8 | 11.65 | 11.15 |
| | | 5320 | Ant7 | 11.31 | 7.81 |
| | | | Ant8 | 11.46 | 10.96 |
| 802.11n20M | | 5260 | Ant7 | 11.27 | 7.77 |
| | | | Ant8 | 11.71 | 11.21 |
| | | | Ant7+Ant8 | 14.51 | 12.83 |
| | | 5280 | Ant7 | 11.19 | 7.69 |
| | | | Ant8 | 11.58 | 11.08 |
| | | | Ant7+Ant8 | 14.40 | 12.72 |
| | 5320 | Ant7 | 11.24 | 7.74 | |
| | | Ant8 | 11.30 | 10.80 | |
| | | Ant7+Ant8 | 14.28 | 12.54 | |
| 802.11n40M | 5270 | Ant7 | 11.48 | 7.98 | |
| | | Ant8 | 11.71 | 11.21 | |
| | | Ant7+Ant8 | 14.61 | 12.90 | |
| | 5310 | Ant7 | 11.30 | 7.80 | |
| | | Ant8 | 11.46 | 10.96 | |
| | | Ant7+Ant8 | 14.39 | 12.67 | |
| 802.11ac20M | 5260 | Ant7 | 11.35 | 7.85 | |
| | | Ant8 | 11.61 | 11.11 | |
| | | Ant7+Ant8 | 14.49 | 12.79 | |
| | 5280 | Ant7 | 11.29 | 7.79 | |
| | | Ant8 | 11.32 | 10.82 | |
| | | Ant7+Ant8 | 14.32 | 12.57 | |
| | 5320 | Ant7 | 11.35 | 7.85 | |
| | | Ant8 | 11.28 | 10.78 | |
| | | Ant7+Ant8 | 14.33 | 12.57 | |
| 802.11ac40M | 5270 | Ant7 | 11.41 | 7.91 | |
| | | Ant8 | 11.49 | 10.99 | |
| | | Ant7+Ant8 | 14.46 | 12.73 | |
| | 5310 | Ant7 | 11.29 | 7.79 | |

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|-------------|--|------|-----------|-------|-------|
| | | | Ant8 | 11.44 | 10.94 |
| | | | Ant7+Ant8 | 14.38 | 12.65 |
| 802.11ac80M | | 5290 | Ant7 | 11.21 | 7.71 |
| | | | Ant8 | 11.47 | 10.97 |
| | | | Ant7+Ant8 | 14.35 | 12.65 |

| Mode | Tones/ RUIndex | Freq (MHz) | Ant | Conducted average power output(dBm) | EIRP (dBm) |
|-------------|-------------------|---------------|-----------|--|---------------|
| 802.11ax20M | 26T/0 | 5260 | Ant7 | 7.00 | 3.50 |
| | | | Ant8 | 6.96 | 6.46 |
| | | | Ant7+Ant8 | 9.99 | 8.24 |
| | | 5280 | Ant7 | 7.05 | 3.55 |
| | | | Ant8 | 7.12 | 6.62 |
| | | | Ant7+Ant8 | 10.10 | 8.36 |
| | | 5320 | Ant7 | 7.00 | 3.50 |
| | | | Ant8 | 6.91 | 6.41 |
| | | | Ant7+Ant8 | 9.97 | 8.20 |
| | 26T/4 | 5260 | Ant7 | 6.59 | 3.09 |
| | | | Ant8 | 6.50 | 6.00 |
| | | | Ant7+Ant8 | 9.56 | 7.79 |
| | | 5280 | Ant7 | 6.39 | 2.89 |
| | | | Ant8 | 6.59 | 6.09 |
| | | | Ant7+Ant8 | 9.50 | 7.79 |
| | | 5320 | Ant7 | 6.47 | 2.97 |
| | | | Ant8 | 6.44 | 5.94 |
| | | | Ant7+Ant8 | 9.47 | 7.71 |
| | 26T/8 | 5260 | Ant7 | 6.95 | 3.45 |
| | | | Ant8 | 6.91 | 6.41 |
| | | | Ant7+Ant8 | 9.94 | 8.19 |
| | | 5280 | Ant7 | 6.94 | 3.44 |
| | | | Ant8 | 6.98 | 6.48 |
| | | | Ant7+Ant8 | 9.97 | 8.23 |
| | | 5320 | Ant7 | 6.88 | 3.38 |
| | | | Ant8 | 6.81 | 6.31 |
| | | | Ant7+Ant8 | 9.86 | 8.10 |
| | 52T/37 | 5260 | Ant7 | 6.93 | 3.43 |
| | | | Ant8 | 6.78 | 6.28 |
| | | | Ant7+Ant8 | 9.87 | 8.10 |
| | | 5280 | Ant7 | 6.64 | 3.14 |
| | | | Ant8 | 6.98 | 6.48 |
| | | | Ant7+Ant8 | 9.82 | 8.13 |
| | | 5320 | Ant7 | 6.78 | 3.28 |
| | | | Ant8 | 6.63 | 6.13 |
| | | | Ant7+Ant8 | 9.72 | 7.95 |

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|---------|---------|-----------|-----------|-------|------|
| | 52T/39 | 5260 | Ant7 | 6.55 | 3.05 |
| | | | Ant8 | 6.58 | 6.08 |
| | | | Ant7+Ant8 | 9.58 | 7.83 |
| | | 5280 | Ant7 | 6.44 | 2.94 |
| | | | Ant8 | 6.62 | 6.12 |
| | | | Ant7+Ant8 | 9.54 | 7.83 |
| | | 5320 | Ant7 | 6.28 | 2.78 |
| | | | Ant8 | 6.30 | 5.80 |
| | | | Ant7+Ant8 | 9.30 | 7.56 |
| | 52T/40 | 5260 | Ant7 | 6.80 | 3.30 |
| | | | Ant8 | 6.72 | 6.22 |
| | | | Ant7+Ant8 | 9.77 | 8.01 |
| | | 5280 | Ant7 | 6.70 | 3.20 |
| | | | Ant8 | 6.71 | 6.21 |
| | | | Ant7+Ant8 | 9.72 | 7.97 |
| | | 5320 | Ant7 | 6.48 | 2.98 |
| | | | Ant8 | 6.54 | 6.04 |
| | | | Ant7+Ant8 | 9.52 | 7.78 |
| | 106T/53 | 5260 | Ant7 | 6.89 | 3.39 |
| | | | Ant8 | 6.89 | 6.39 |
| | | | Ant7+Ant8 | 9.90 | 8.15 |
| | | 5280 | Ant7 | 6.73 | 3.23 |
| | | | Ant8 | 7.00 | 6.50 |
| | | | Ant7+Ant8 | 9.88 | 8.18 |
| | | 5320 | Ant7 | 6.57 | 3.07 |
| | | | Ant8 | 6.65 | 6.15 |
| | | | Ant7+Ant8 | 9.62 | 7.89 |
| 106T/54 | 5260 | Ant7 | 6.78 | 3.28 | |
| | | Ant8 | 6.80 | 6.30 | |
| | | Ant7+Ant8 | 9.80 | 8.06 | |
| | 5280 | Ant7 | 6.55 | 3.05 | |
| | | Ant8 | 6.85 | 6.35 | |
| | | Ant7+Ant8 | 9.71 | 8.02 | |
| | 5320 | Ant7 | 6.63 | 3.13 | |
| | | Ant8 | 6.61 | 6.11 | |
| | | Ant7+Ant8 | 9.63 | 7.88 | |
| 242T/61 | 5260 | Ant7 | 11.19 | 7.69 | |
| | | Ant8 | 11.45 | 10.95 | |
| | | Ant7+Ant8 | 14.33 | 12.63 | |

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|--|------|-----------|-------|-------|
| | 5280 | Ant7 | 11.19 | 7.69 |
| | | Ant8 | 11.49 | 10.99 |
| | | Ant7+Ant8 | 14.35 | 12.66 |
| | 5320 | Ant7 | 11.03 | 7.53 |
| | | Ant8 | 11.46 | 10.96 |
| | | Ant7+Ant8 | 14.26 | 12.59 |

| Mode | Tones/ RUIndex | Freq (MHz) | Ant | Conducted average power output(dBm) | EIRP (dBm) |
|-------------|-------------------|---------------|-----------|--|---------------|
| 802.11ax40M | 26T/0 | 5270 | Ant7 | 6.88 | 3.38 |
| | | | Ant8 | 6.52 | 6.02 |
| | | | Ant7+Ant8 | 9.71 | 7.91 |
| | | 5310 | Ant7 | 6.92 | 3.42 |
| | | | Ant8 | 6.55 | 6.05 |
| | | | Ant7+Ant8 | 9.75 | 7.94 |
| | 26T/10 | 5270 | Ant7 | 6.59 | 3.09 |
| | | | Ant8 | 6.30 | 5.80 |
| | | | Ant7+Ant8 | 9.46 | 7.66 |
| | | 5310 | Ant7 | 6.80 | 3.30 |
| | | | Ant8 | 6.39 | 5.89 |
| | | | Ant7+Ant8 | 9.61 | 7.80 |
| | 26T/17 | 5270 | Ant7 | 6.73 | 3.23 |
| | | | Ant8 | 6.31 | 5.81 |
| | | | Ant7+Ant8 | 9.54 | 7.72 |
| | | 5310 | Ant7 | 6.91 | 3.41 |
| | | | Ant8 | 6.49 | 5.99 |
| | | | Ant7+Ant8 | 9.72 | 7.90 |
| | 52T/37 | 5270 | Ant7 | 6.86 | 3.36 |
| | | | Ant8 | 6.66 | 6.16 |
| | | | Ant7+Ant8 | 9.77 | 7.99 |
| | | 5310 | Ant7 | 6.99 | 3.49 |
| | | | Ant8 | 6.46 | 5.96 |
| | | | Ant7+Ant8 | 9.74 | 7.91 |
| | 52T/41 | 5270 | Ant7 | 6.58 | 3.08 |
| | | | Ant8 | 6.39 | 5.89 |
| | | | Ant7+Ant8 | 9.50 | 7.72 |
| 5310 | | Ant7 | 6.86 | 3.36 | |
| | | Ant8 | 6.38 | 5.88 | |
| | | Ant7+Ant8 | 9.64 | 7.81 | |

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|---------|---------|-----------|-----------|-------|------|
| | 52T/44 | 5270 | Ant7 | 6.69 | 3.19 |
| | | | Ant8 | 6.47 | 5.97 |
| | | | Ant7+Ant8 | 9.59 | 7.81 |
| | | 5310 | Ant7 | 6.99 | 3.49 |
| | | | Ant8 | 6.56 | 6.06 |
| | | | Ant7+Ant8 | 9.79 | 7.97 |
| | 106T/53 | 5270 | Ant7 | 6.87 | 3.37 |
| | | | Ant8 | 6.77 | 6.27 |
| | | | Ant7+Ant8 | 9.83 | 8.07 |
| | | 5310 | Ant7 | 7.02 | 3.52 |
| | | | Ant8 | 6.60 | 6.10 |
| | | | Ant7+Ant8 | 9.83 | 8.01 |
| | 106T/55 | 5270 | Ant7 | 6.63 | 3.13 |
| | | | Ant8 | 6.55 | 6.05 |
| | | | Ant7+Ant8 | 9.60 | 7.84 |
| | | 5310 | Ant7 | 6.94 | 3.44 |
| | | | Ant8 | 6.39 | 5.89 |
| | | | Ant7+Ant8 | 9.68 | 7.85 |
| | 106T/56 | 5270 | Ant7 | 6.74 | 3.24 |
| | | | Ant8 | 6.64 | 6.14 |
| | | | Ant7+Ant8 | 9.70 | 7.94 |
| | | 5310 | Ant7 | 7.00 | 3.50 |
| | | | Ant8 | 6.54 | 6.04 |
| | | | Ant7+Ant8 | 9.79 | 7.96 |
| 242T/61 | 5270 | Ant7 | 6.77 | 3.27 | |
| | | Ant8 | 6.67 | 6.17 | |
| | | Ant7+Ant8 | 9.73 | 7.97 | |
| | 5310 | Ant7 | 6.84 | 3.34 | |
| | | Ant8 | 6.48 | 5.98 | |
| | | Ant7+Ant8 | 9.67 | 7.87 | |
| 242T/62 | 5270 | Ant7 | 6.55 | 3.05 | |
| | | Ant8 | 6.53 | 6.03 | |
| | | Ant7+Ant8 | 9.55 | 7.80 | |
| | 5310 | Ant7 | 6.86 | 3.36 | |
| | | Ant8 | 6.46 | 5.96 | |
| | | Ant7+Ant8 | 9.67 | 7.86 | |
| 484T/65 | 5270 | Ant7 | 10.81 | 7.31 | |
| | | Ant8 | 11.66 | 11.16 | |
| | | Ant7+Ant8 | 14.27 | 12.66 | |

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|--|--|------|-----------|-------|-------|
| | | 5310 | Ant7 | 10.69 | 7.19 |
| | | | Ant8 | 11.36 | 10.86 |
| | | | Ant7+Ant8 | 14.05 | 12.41 |

| Mode | Tones/ RUIndex | Freq (MHz) | Ant | Conducted average power output(dBm) | EIRP (dBm) |
|-------------|-------------------|---------------|-----------|--|---------------|
| 802.11ax80M | 26T/0 | 5290 | Ant7 | 7.04 | 3.54 |
| | | | Ant8 | 6.86 | 6.36 |
| | | | Ant7+Ant8 | 9.96 | 8.19 |
| | 26T/18 | | Ant7 | 6.67 | 3.17 |
| | | | Ant8 | 6.52 | 6.02 |
| | | | Ant7+Ant8 | 9.61 | 7.84 |
| | 26T/36 | | Ant7 | 6.99 | 3.49 |
| | | | Ant8 | 6.51 | 6.01 |
| | | | Ant7+Ant8 | 9.77 | 7.94 |
| | 52T/37 | | Ant7 | 6.99 | 3.49 |
| | | | Ant8 | 6.88 | 6.38 |
| | | | Ant7+Ant8 | 9.95 | 8.18 |
| | 52T/45 | | Ant7 | 6.76 | 3.26 |
| | | | Ant8 | 6.56 | 6.06 |
| | | | Ant7+Ant8 | 9.67 | 7.89 |
| | 52T/52 | | Ant7 | 6.98 | 3.48 |
| | | | Ant8 | 6.57 | 6.07 |
| | | | Ant7+Ant8 | 9.79 | 7.98 |
| | 106T/53 | | Ant7 | 7.00 | 3.50 |
| | | | Ant8 | 6.81 | 6.31 |
| | | | Ant7+Ant8 | 9.92 | 8.14 |
| | 106T/57 | | Ant7 | 6.85 | 3.35 |
| | | | Ant8 | 6.53 | 6.03 |
| | | | Ant7+Ant8 | 9.70 | 7.90 |
| | 106T/60 | | Ant7 | 6.97 | 3.47 |
| | | | Ant8 | 6.60 | 6.10 |
| | | | Ant7+Ant8 | 9.80 | 7.99 |
| | 242T/61 | | Ant7 | 7.00 | 3.50 |
| | | | Ant8 | 6.76 | 6.26 |
| | | | Ant7+Ant8 | 9.89 | 8.11 |
| | 242T/63 | | Ant7 | 6.91 | 3.41 |
| | | | Ant8 | 6.51 | 6.01 |
| | | | Ant7+Ant8 | 9.72 | 7.91 |

| | | | | |
|--|---------|-----------|-------|-------|
| | 242T/64 | Ant7 | 7.04 | 3.54 |
| | | Ant8 | 6.58 | 6.08 |
| | | Ant7+Ant8 | 9.83 | 8.00 |
| | 484T/65 | Ant7 | 6.91 | 3.41 |
| | | Ant8 | 6.60 | 6.10 |
| | | Ant7+Ant8 | 9.77 | 7.97 |
| | 484T/66 | Ant7 | 6.89 | 3.39 |
| | | Ant8 | 6.48 | 5.98 |
| | | Ant7+Ant8 | 9.70 | 7.89 |
| | 996T/67 | Ant7 | 10.81 | 7.31 |
| | | Ant8 | 11.67 | 11.17 |
| | | Ant7+Ant8 | 14.27 | 12.67 |

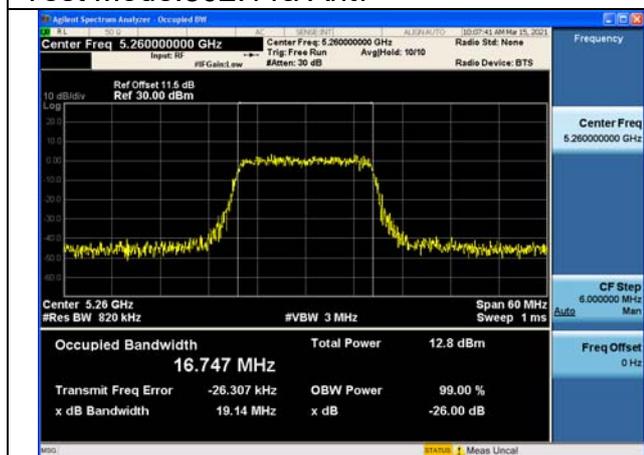
Emission Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

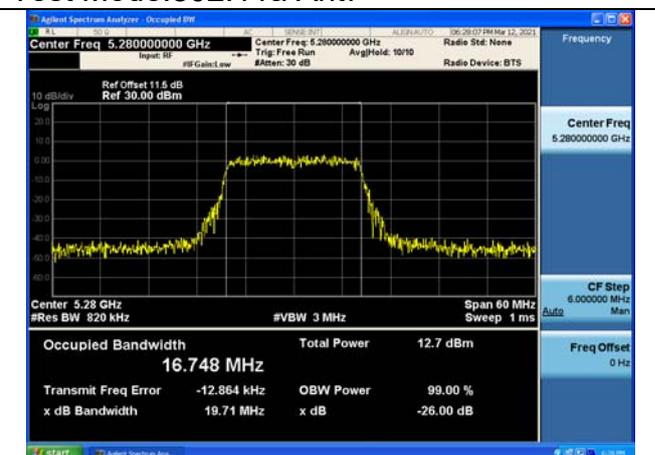
Test Mode:802.11a

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5260 | Ant7 | 19.14 |
| | Ant8 | 19.25 |
| 5280 | Ant7 | 19.71 |
| | Ant8 | 19.98 |
| 5320 | Ant7 | 19.34 |
| | Ant8 | 19.51 |

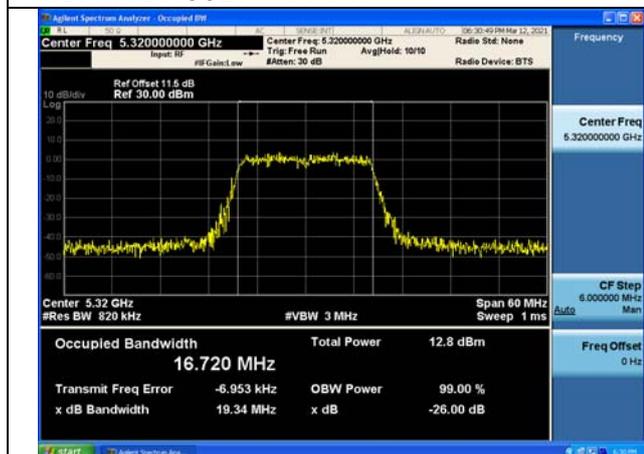
Test Mode:802.11a Ant7



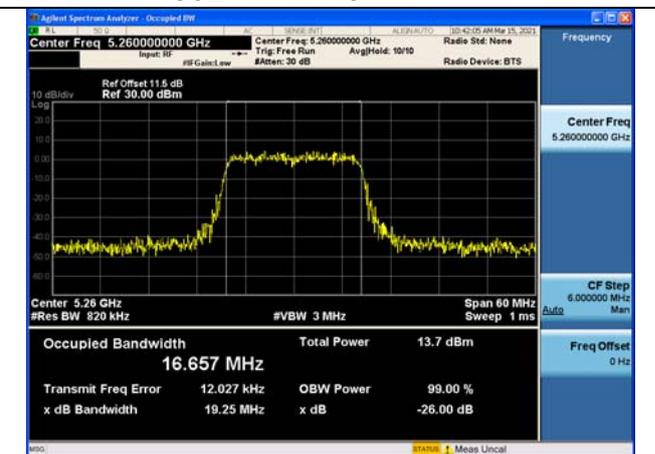
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7

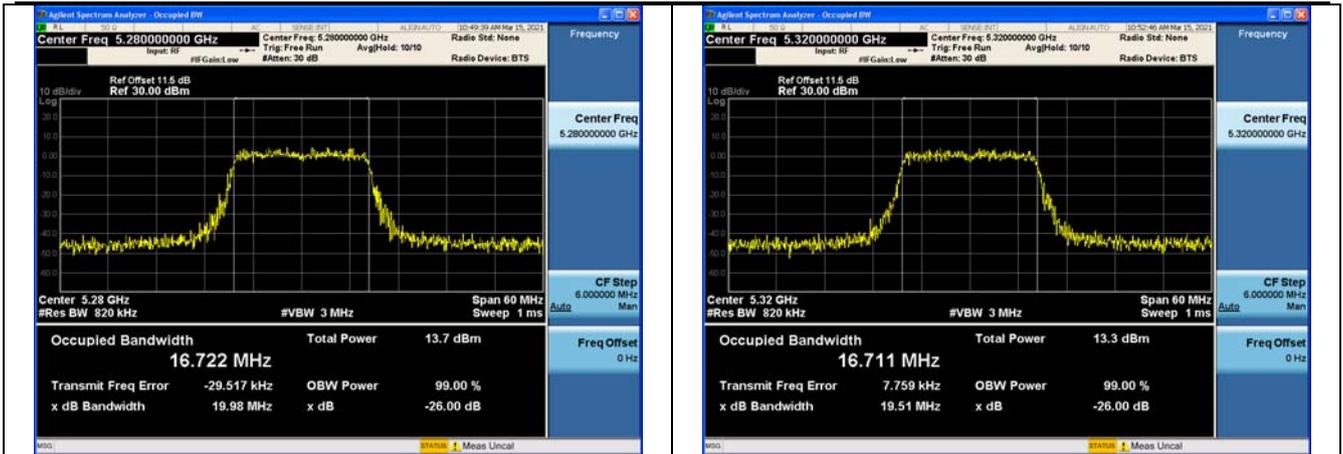


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

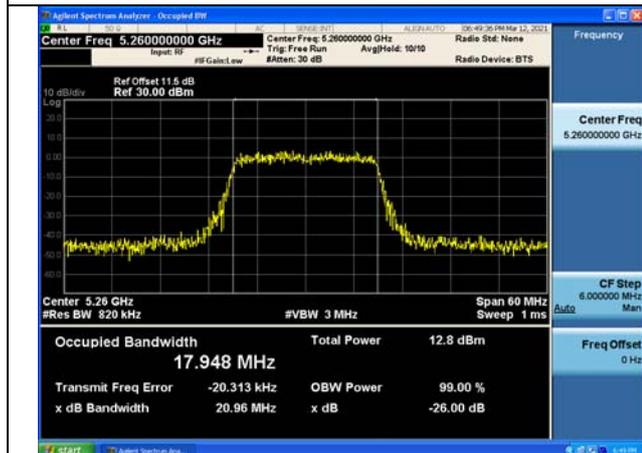
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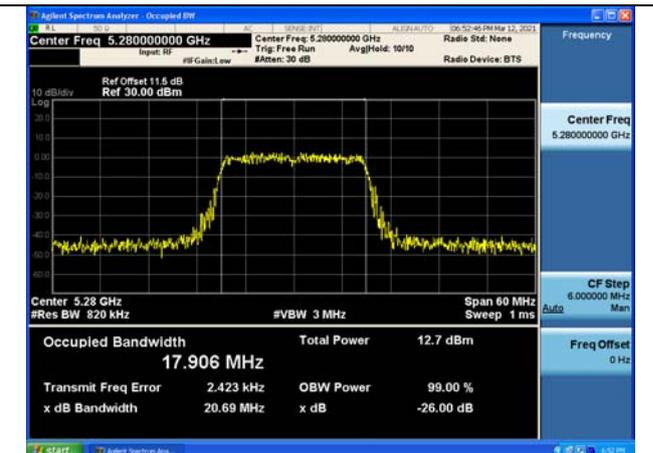
Test Mode:802. 11n HT20

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5260 | Ant7 | 20.96 |
| | Ant8 | 21.14 |
| 5280 | Ant7 | 20.69 |
| | Ant8 | 20.78 |
| 5320 | Ant7 | 20.24 |
| | Ant8 | 21.03 |

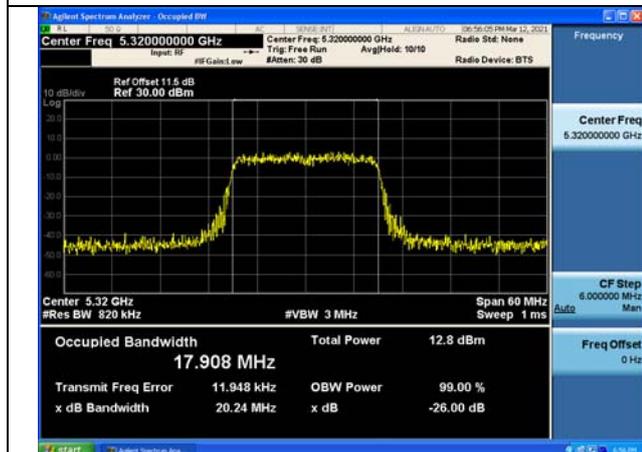
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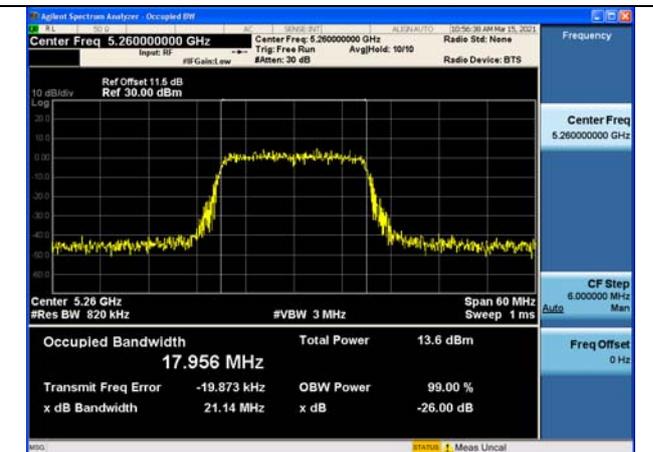
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

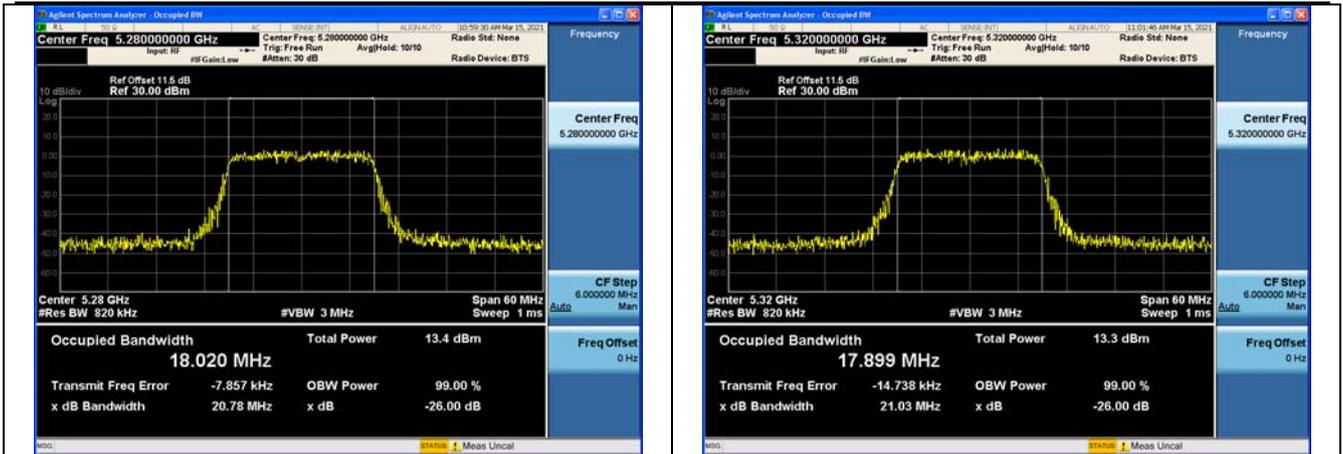


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

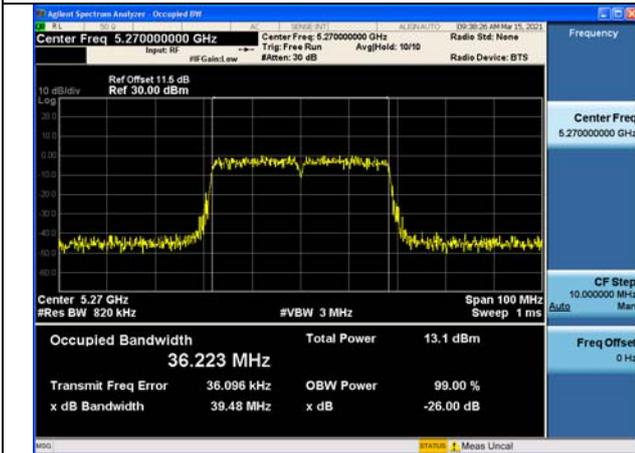
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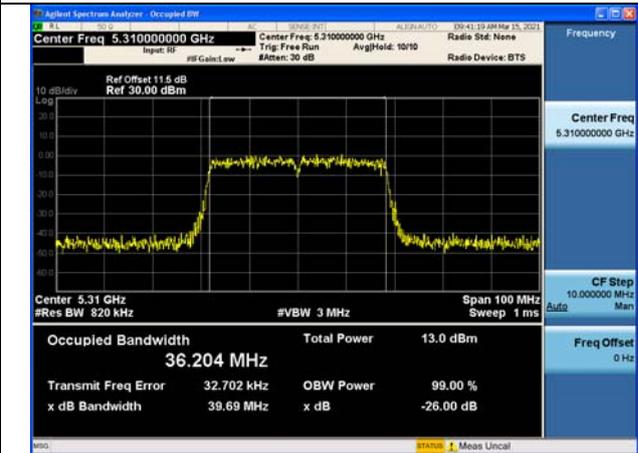
Test Mode:802. 11n HT40

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5270 | Ant7 | 39.48 |
| | Ant8 | 38.95 |
| 5310 | Ant7 | 39.69 |
| | Ant8 | 39.10 |

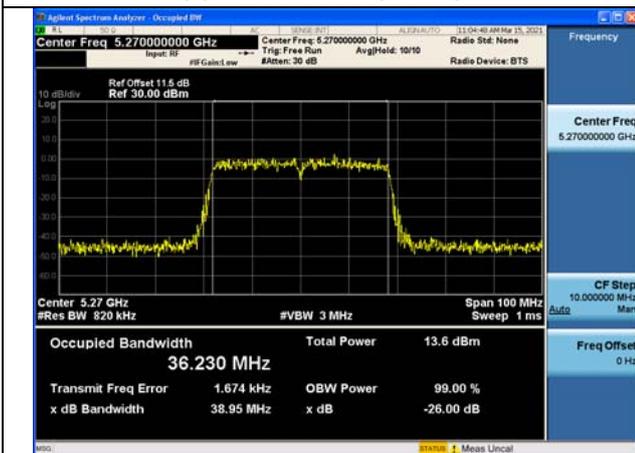
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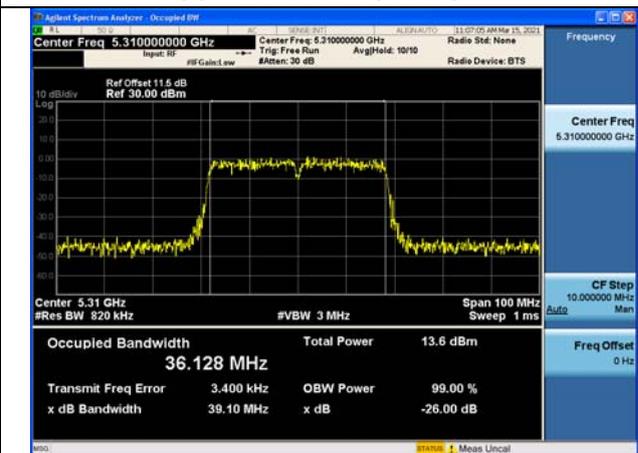
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



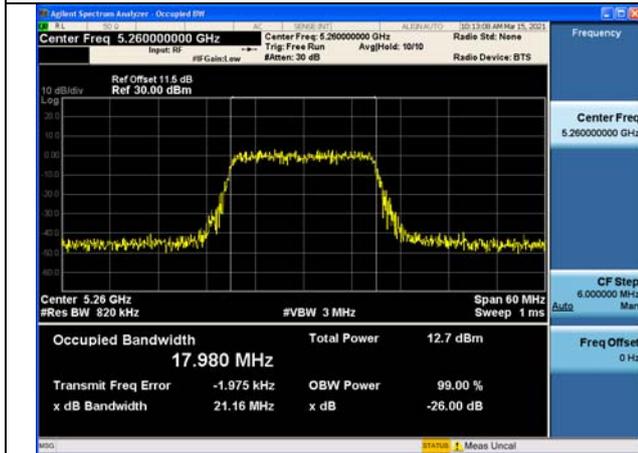
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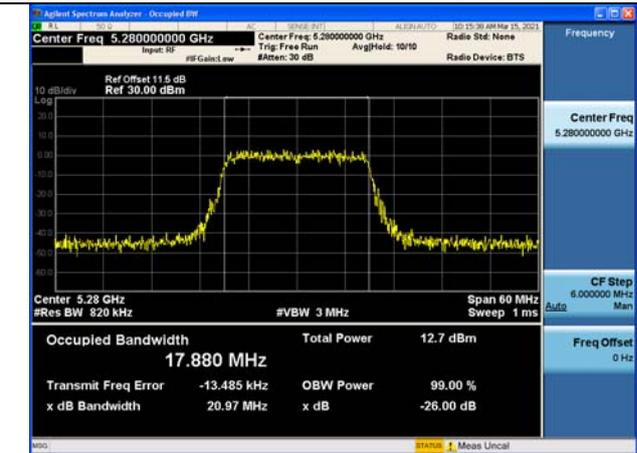
Test Mode:802. 11ac VHT20

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5260 | Ant7 | 21.16 |
| | Ant8 | 20.59 |
| 5280 | Ant7 | 20.97 |
| | Ant8 | 20.62 |
| 5320 | Ant7 | 20.91 |
| | Ant8 | 20.74 |

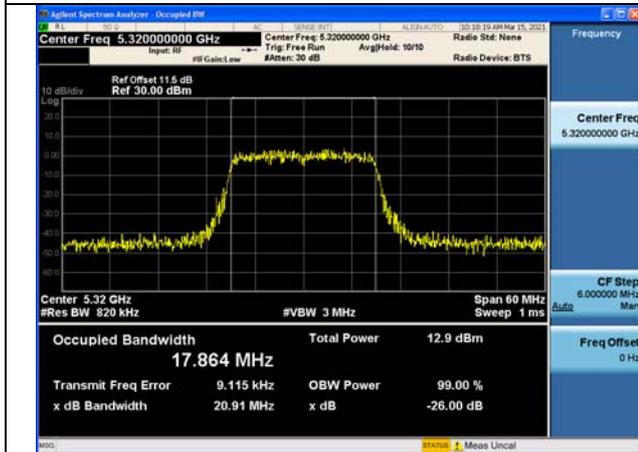
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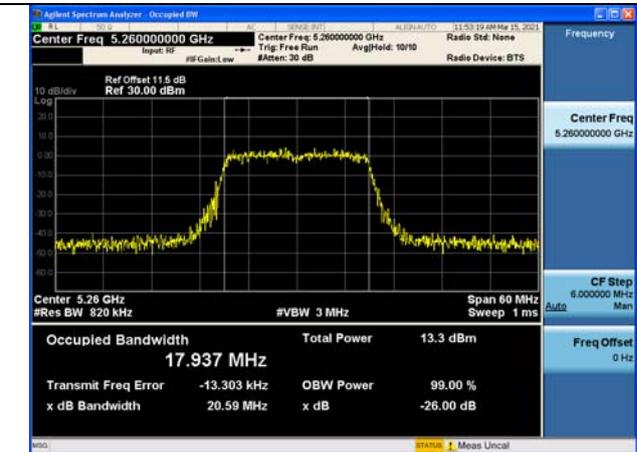
Test Mode:802. 11ac VHT20 Ant7



Test Mode:802. 11ac VHT20 Ant7

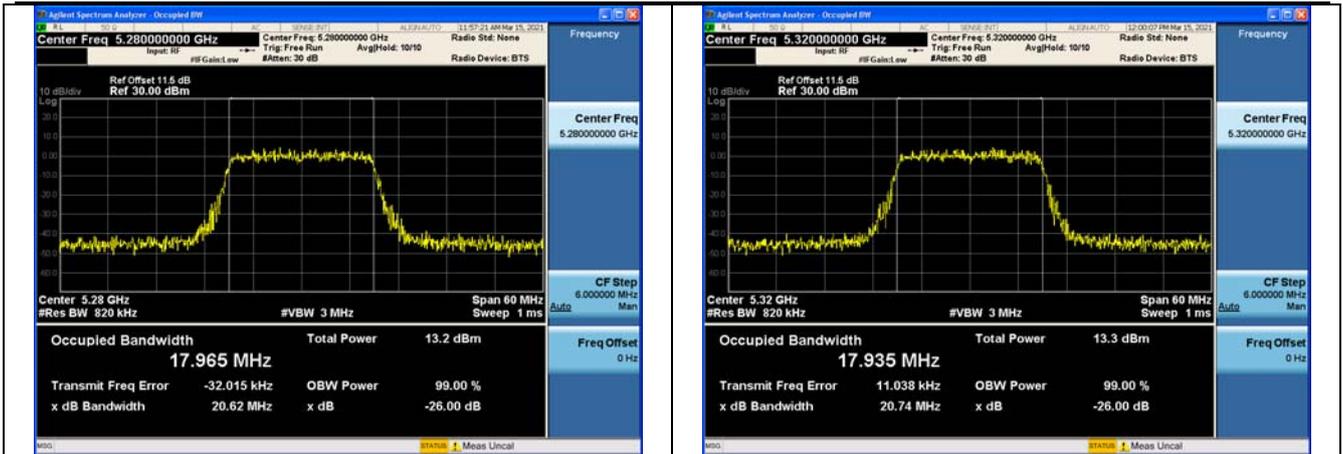


Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT20 Ant8

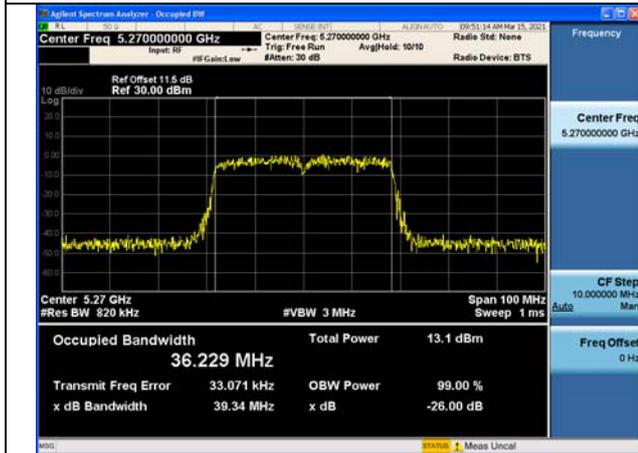
Test Mode:802. 11ac VHT20 Ant8



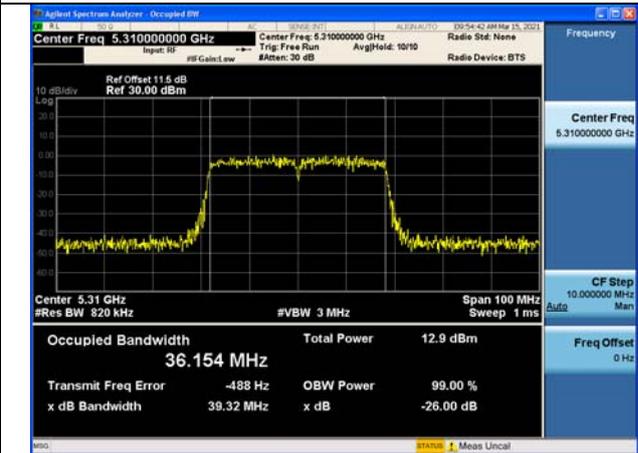
Test Mode:802. 11ac VHT40

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5270 | Ant7 | 39.34 |
| | Ant8 | 39.46 |
| 5310 | Ant7 | 39.32 |
| | Ant8 | 40.03 |

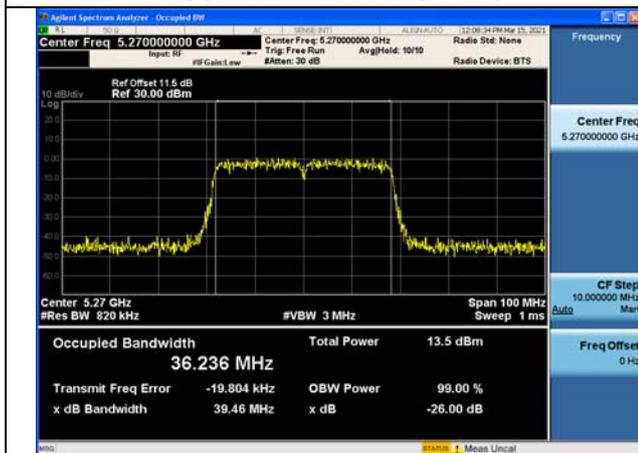
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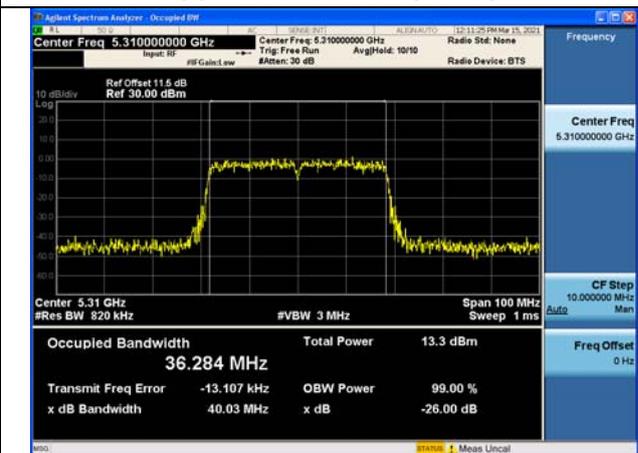
Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant8



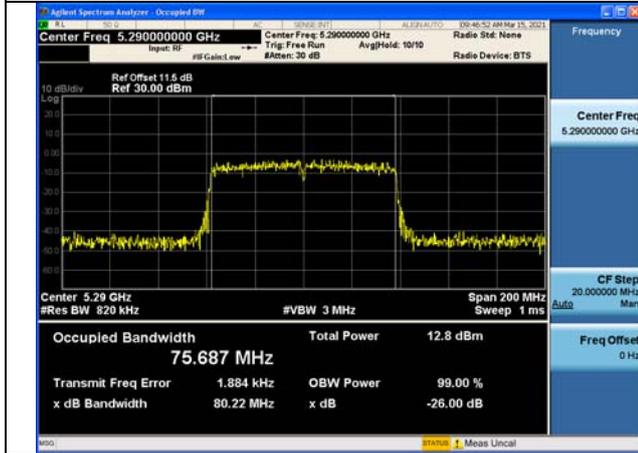
Test Mode:802. 11ac VHT40 Ant8



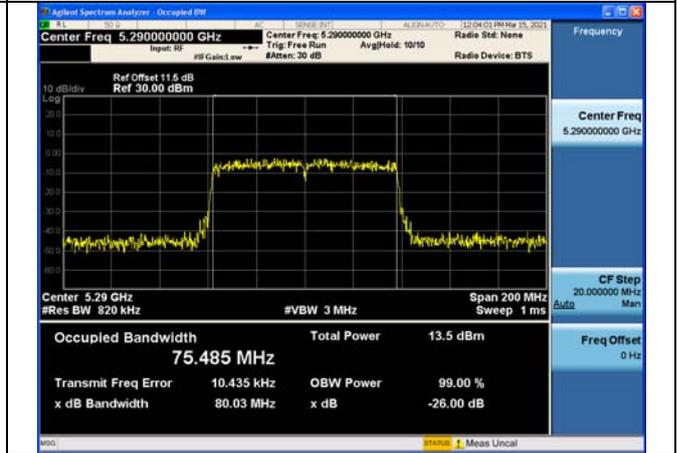
Test Mode:802. 11ac VHT80

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5290 | Ant7 | 80.22 |
| | Ant8 | 80.03 |

Test Mode:802. 11ac VHT80 Ant7



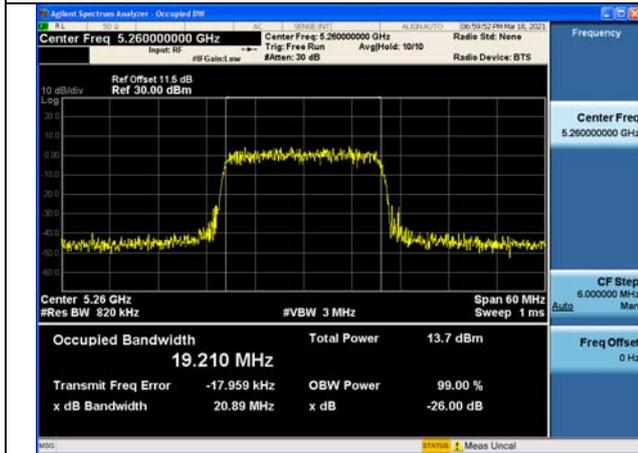
Test Mode:802. 11ac VHT80 Ant8



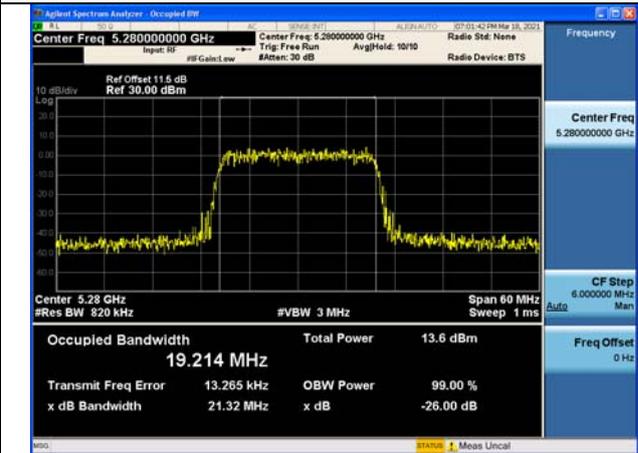
Test Mode:802.11ax HE20(242)

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5260 | Ant7 | 20.89 |
| | Ant8 | 20.68 |
| 5280 | Ant7 | 21.32 |
| | Ant8 | 21.25 |
| 5320 | Ant7 | 20.72 |
| | Ant8 | 20.79 |

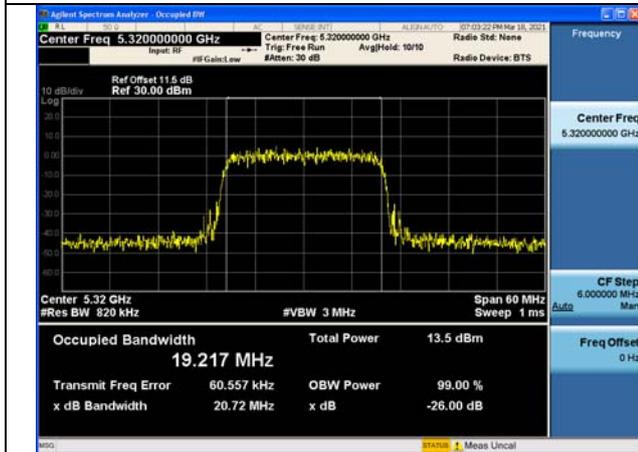
Test Mode:802.11ax HE20 Ant7



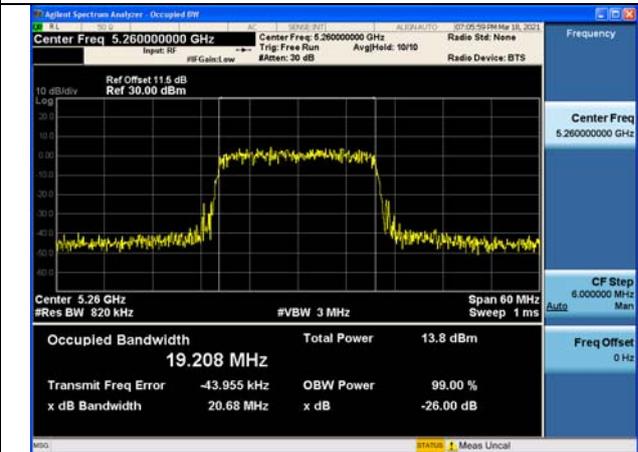
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

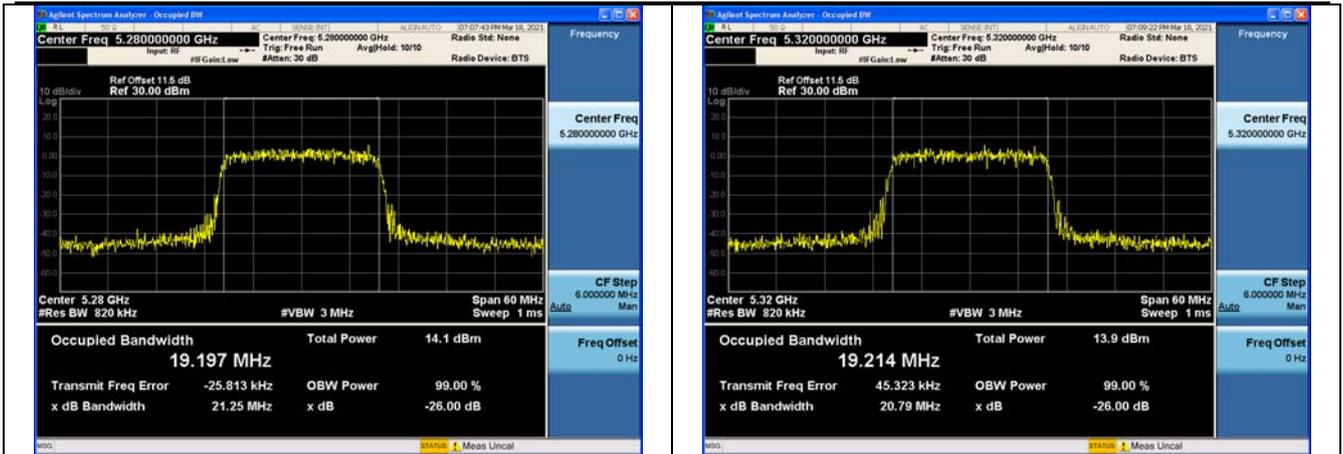


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

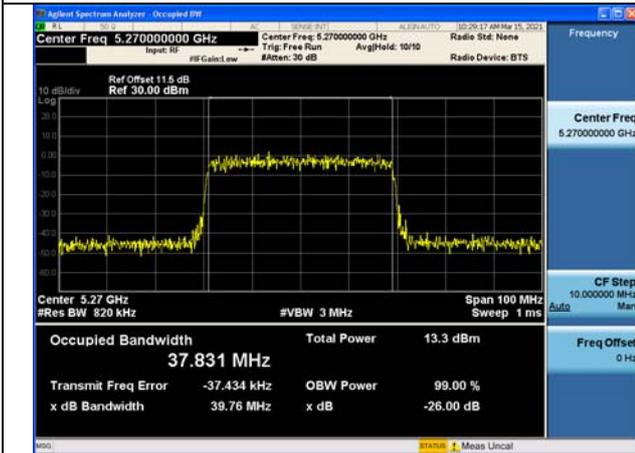
Test Mode:802.11ax HE20 Ant8



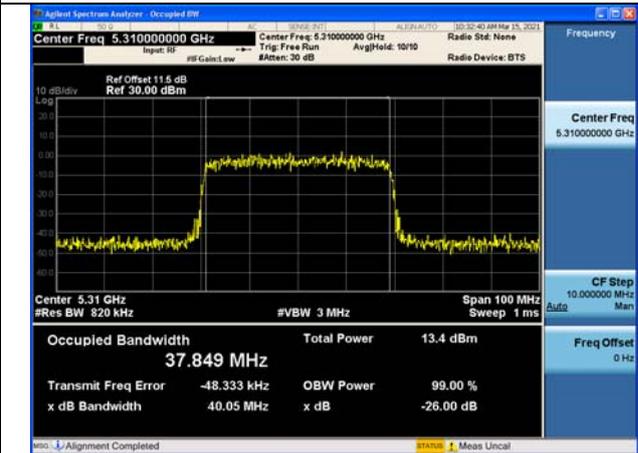
Test Mode:802.11ax HE40(484)

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5270 | Ant7 | 39.76 |
| | Ant8 | 40.69 |
| 5310 | Ant7 | 40.05 |
| | Ant8 | 40.05 |

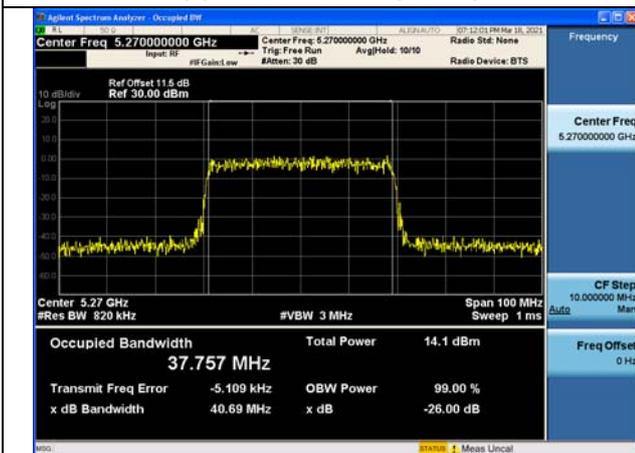
Test Mode:802.11ax HE40 Ant7



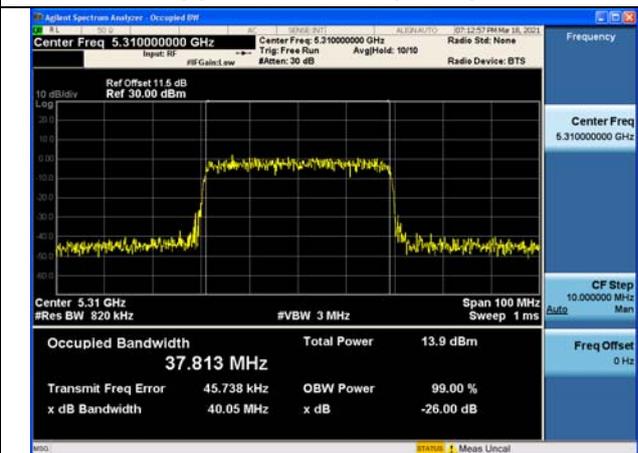
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



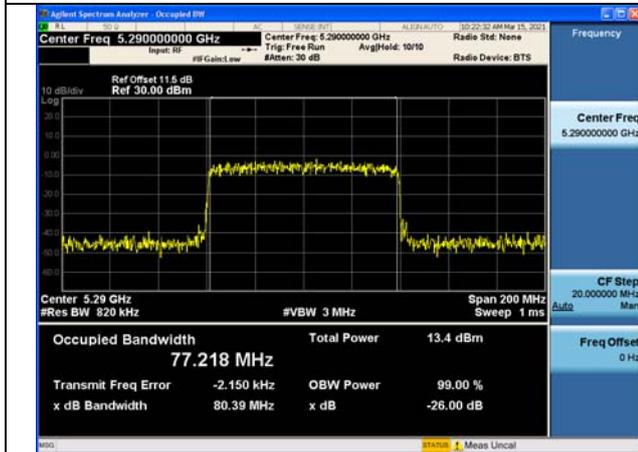
Test Mode:802.11ax HE40 Ant8



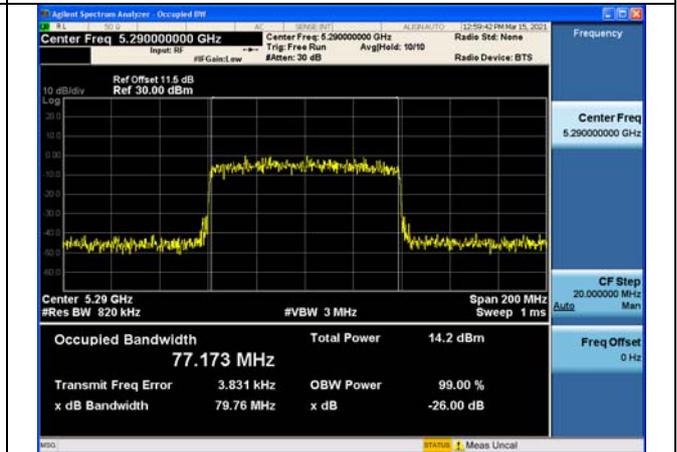
Test Mode:802.11ax HE80(996)

| Carrier frequency (MHz) | Ant | 26dB Bandwidth (MHz) |
|-------------------------|------|----------------------|
| 5290 | Ant7 | 80.39 |
| | Ant8 | 79.76 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



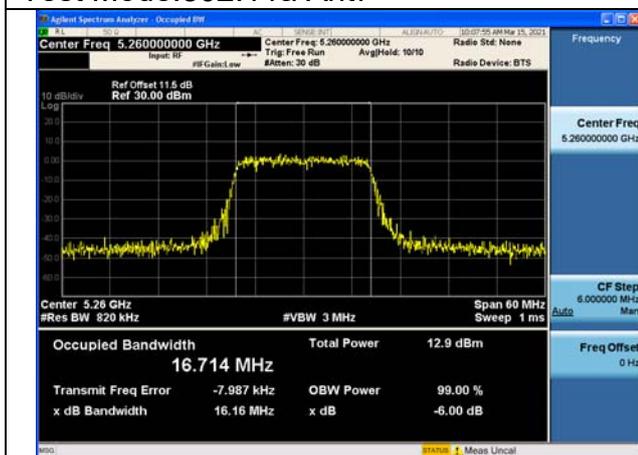
Occupied Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

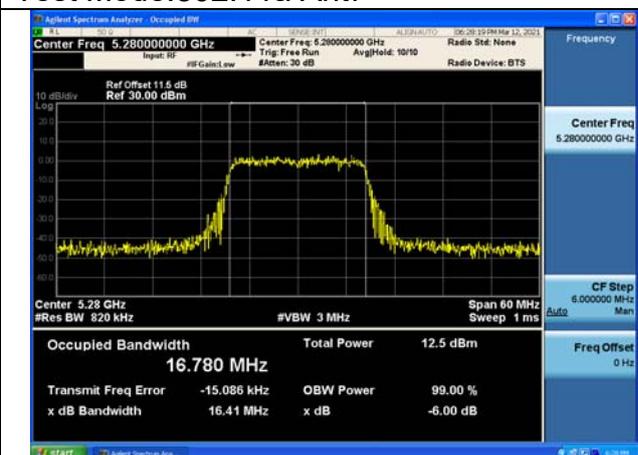
Test Mode:802.11a

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5260 | Ant7 | 16.714 |
| | Ant8 | 16.698 |
| 5280 | Ant7 | 16.780 |
| | Ant8 | 16.778 |
| 5320 | Ant7 | 16.723 |
| | Ant8 | 16.754 |

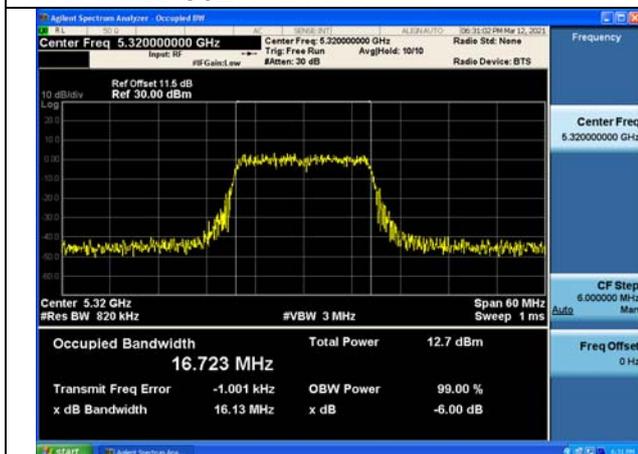
Test Mode:802.11a Ant7



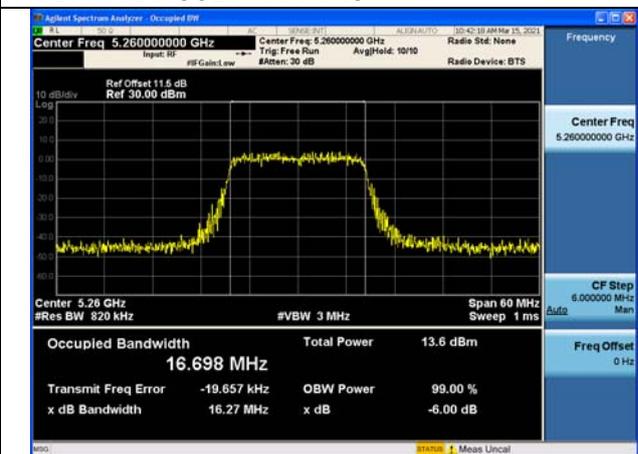
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7

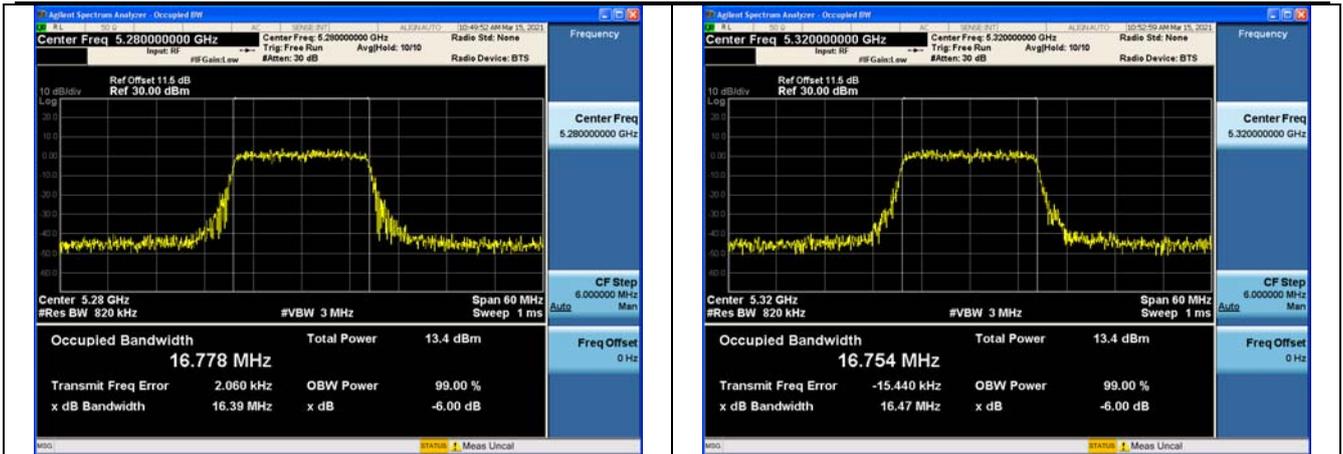


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

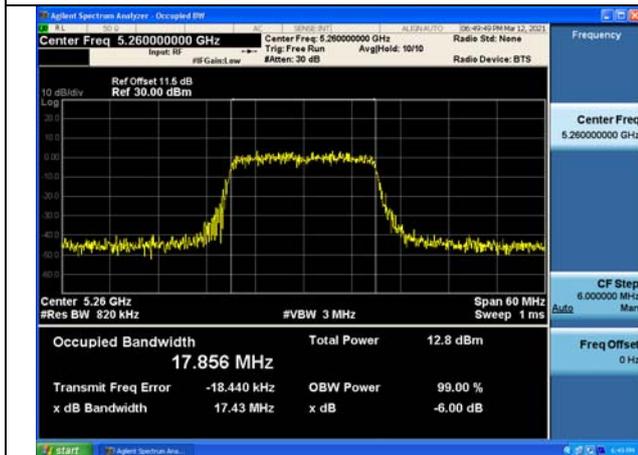
Test Mode:802.11a Ant8



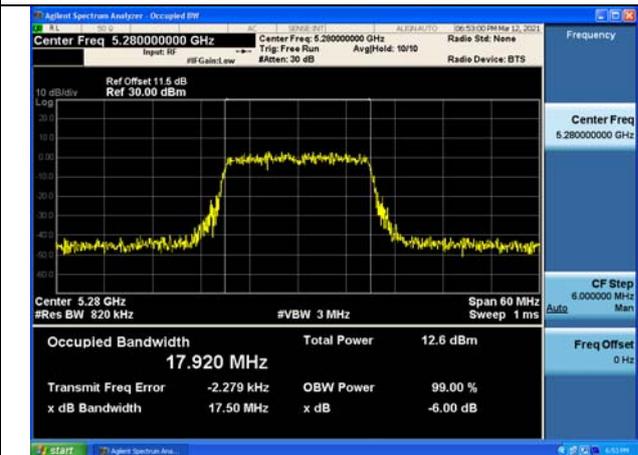
Test Mode:802. 11n HT20

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5260 | Ant7 | 17.856 |
| | Ant8 | 17.865 |
| 5280 | Ant7 | 17.920 |
| | Ant8 | 17.941 |
| 5320 | Ant7 | 17.937 |
| | Ant8 | 17.859 |

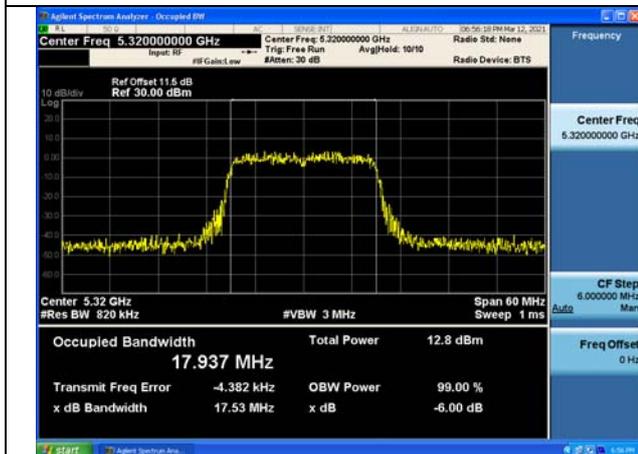
Test Mode:802. 11n HT20 Ant7



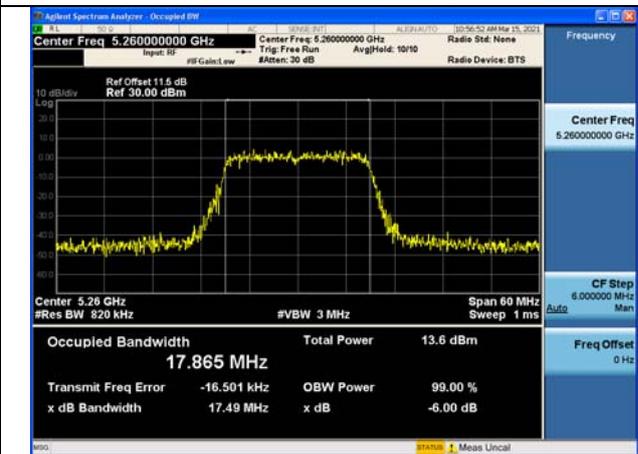
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

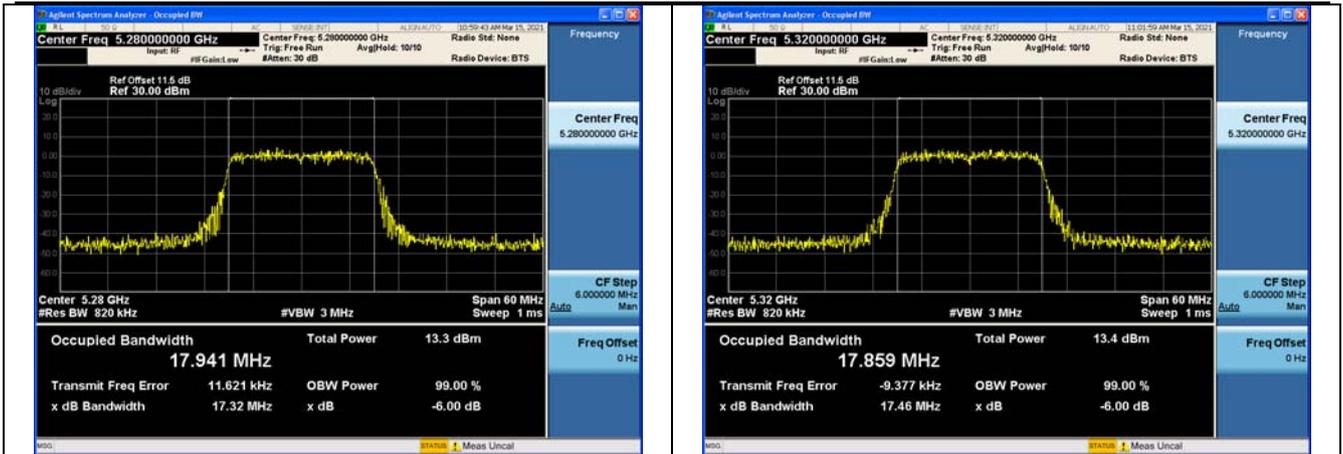


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

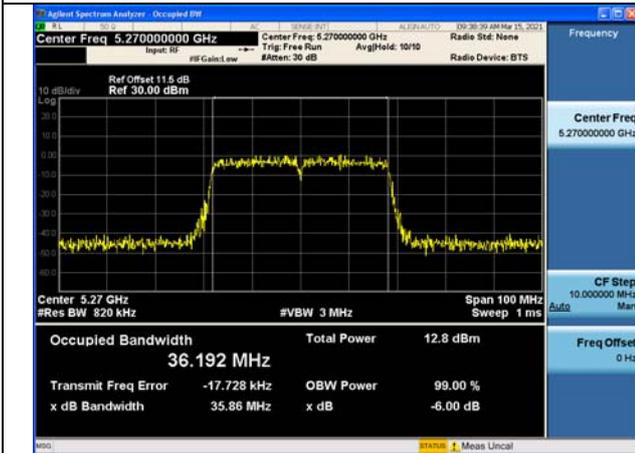
Test Mode:802. 11n HT20 Ant8



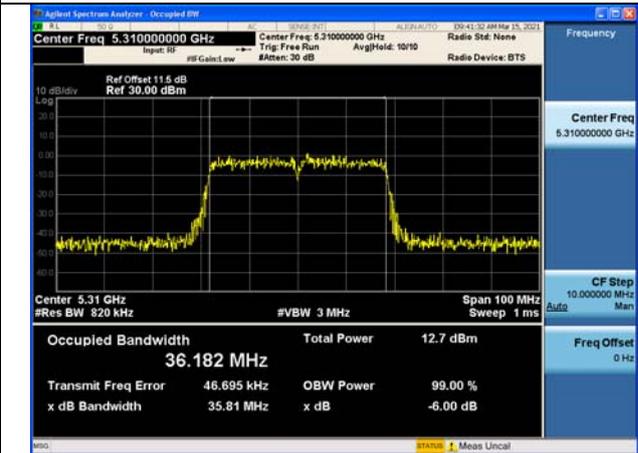
Test Mode:802. 11n HT40

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5270 | Ant7 | 36.192 |
| | Ant8 | 36.243 |
| 5310 | Ant7 | 36.182 |
| | Ant8 | 36.204 |

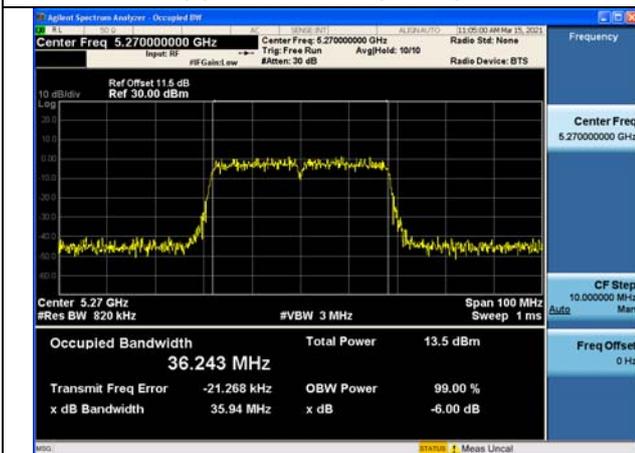
Test Mode:802. 11n HT40 Ant7



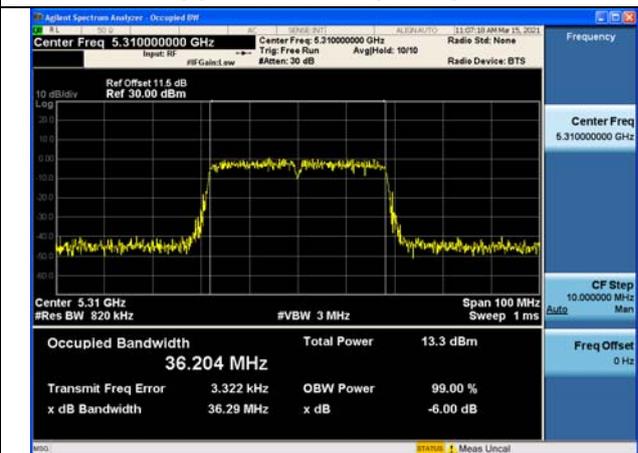
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



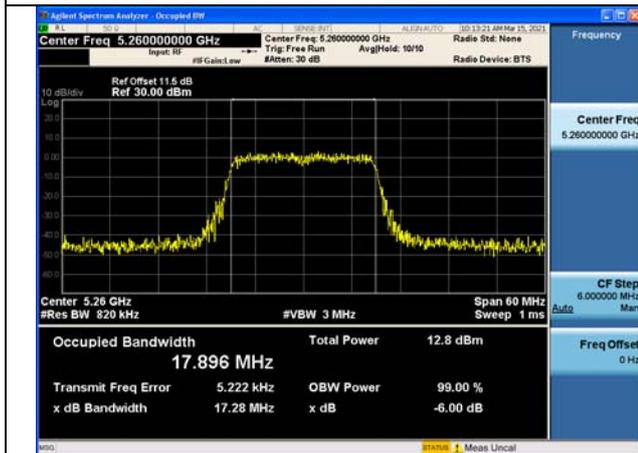
Test Mode:802. 11n HT40 Ant8



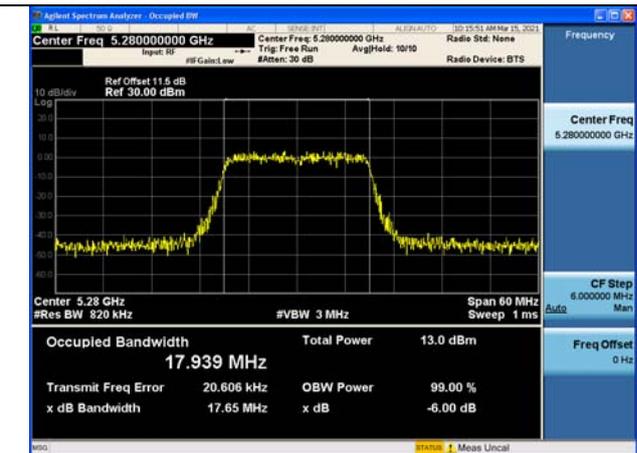
Test Mode:802. 11ac VHT20

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5260 | Ant7 | 17.896 |
| | Ant8 | 17.910 |
| 5280 | Ant7 | 17.939 |
| | Ant8 | 17.890 |
| 5320 | Ant7 | 17.888 |
| | Ant8 | 17.824 |

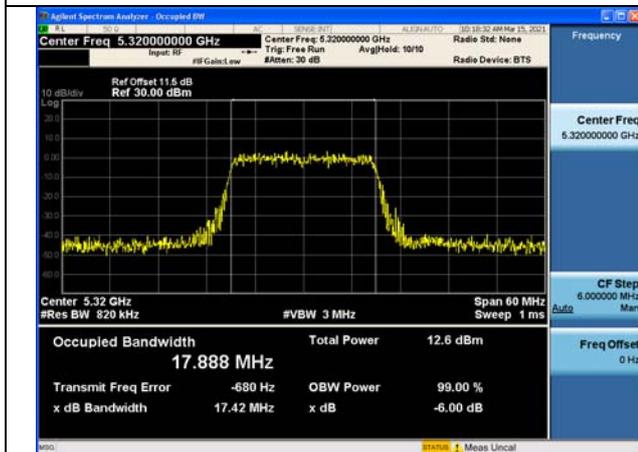
Test Mode:802. 11ac VHT20 Ant7



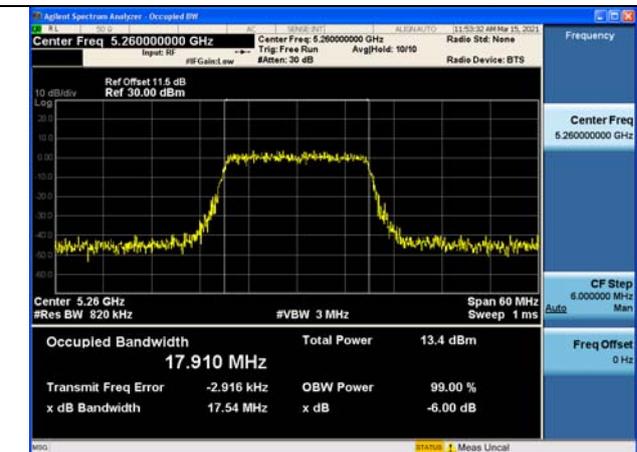
Test Mode:802. 11ac VHT20 Ant7



Test Mode:802. 11ac VHT20 Ant7

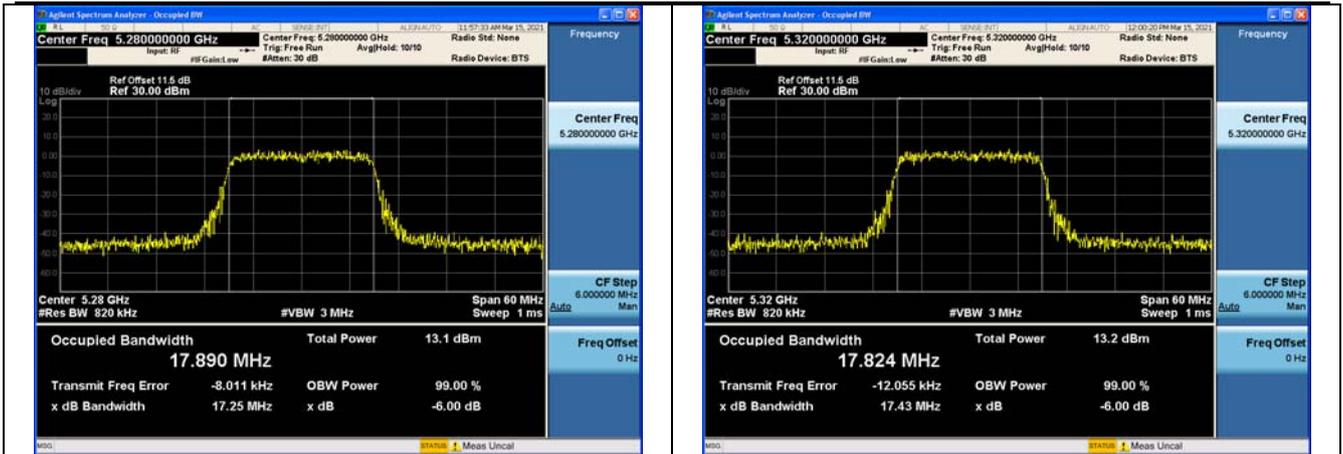


Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT20 Ant8

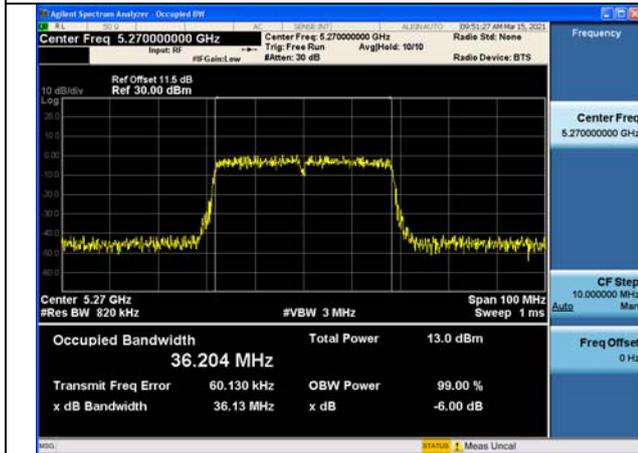
Test Mode:802. 11ac VHT20 Ant8



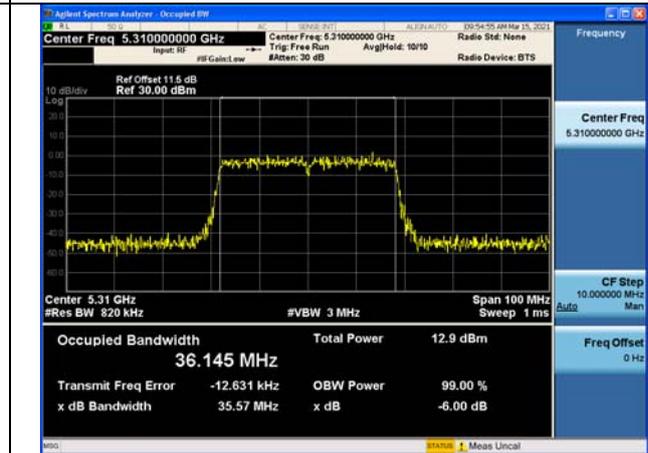
Test Mode:802. 11ac VHT40

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5270 | Ant7 | 36.204 |
| | Ant8 | 36.196 |
| 5310 | Ant7 | 36.145 |
| | Ant8 | 36.176 |

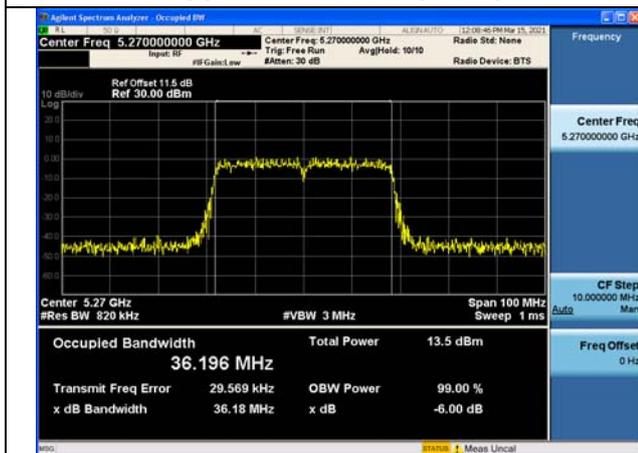
Test Mode:802. 11ac VHT40 Ant7



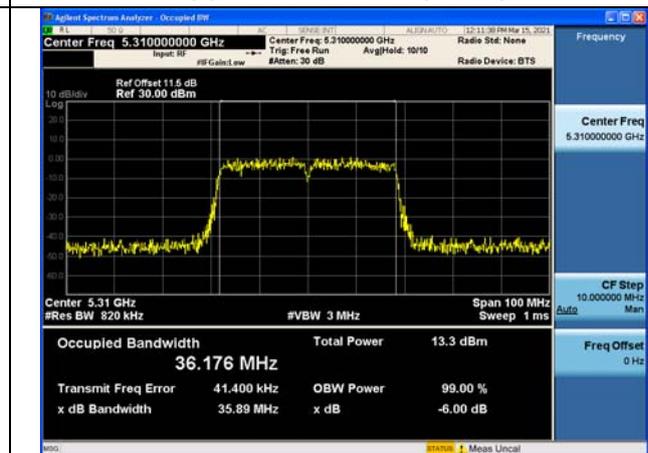
Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant8



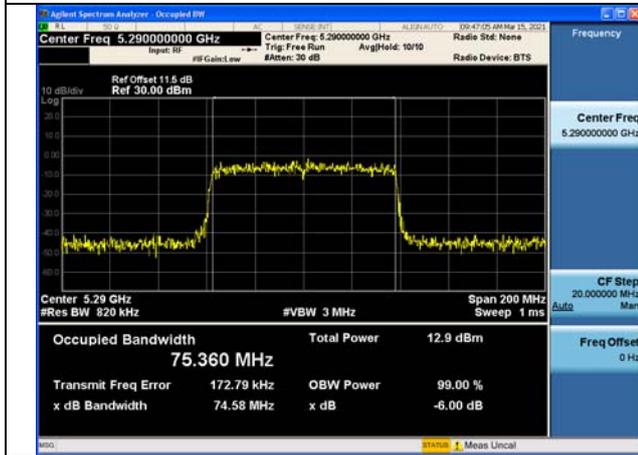
Test Mode:802. 11ac VHT40 Ant8



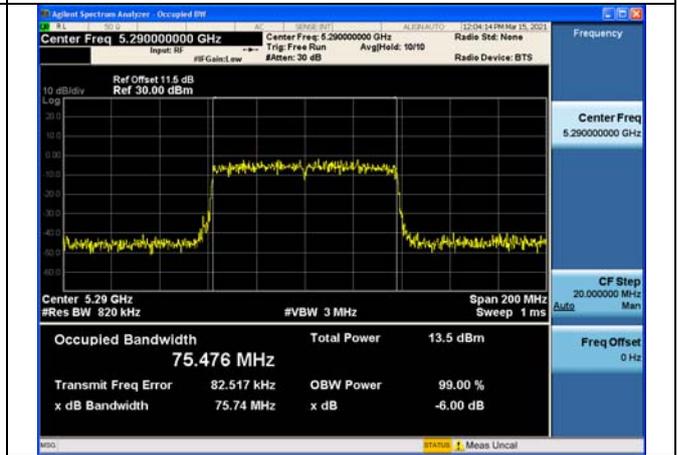
Test Mode:802. 11ac VHT80

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5290 | Ant7 | 75.360 |
| | Ant8 | 75.476 |

Test Mode:802. 11ac VHT80 Ant7



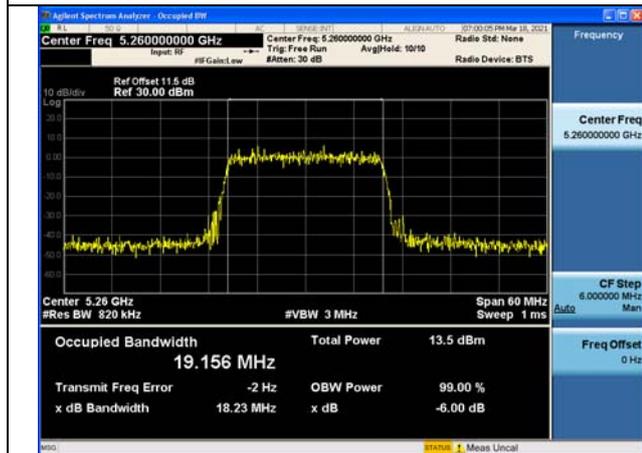
Test Mode:802. 11ac VHT80 Ant8



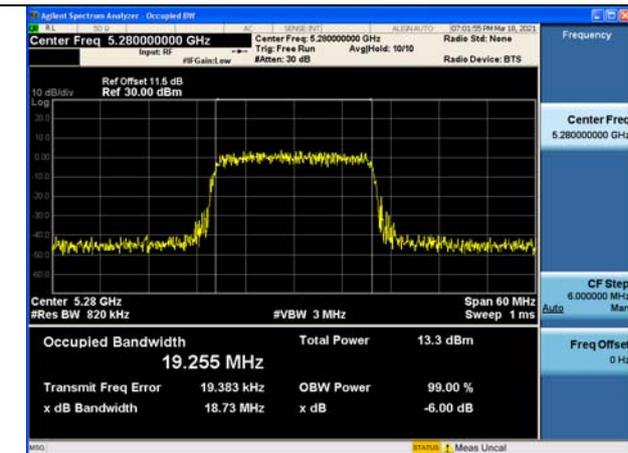
Test Mode:802.11ax HE20(242)

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5260 | Ant7 | 19.156 |
| | Ant8 | 19.252 |
| 5280 | Ant7 | 19.255 |
| | Ant8 | 19.177 |
| 5320 | Ant7 | 19.220 |
| | Ant8 | 19.279 |

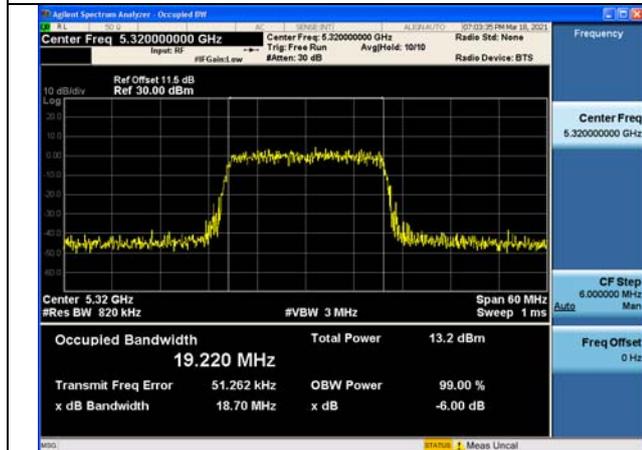
Test Mode:802.11ax HE20 Ant7



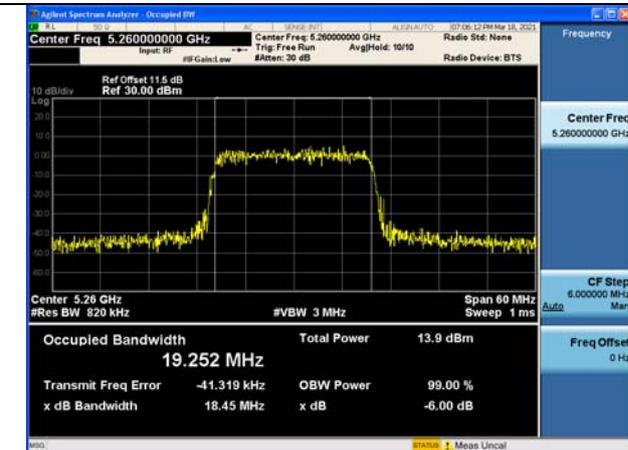
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

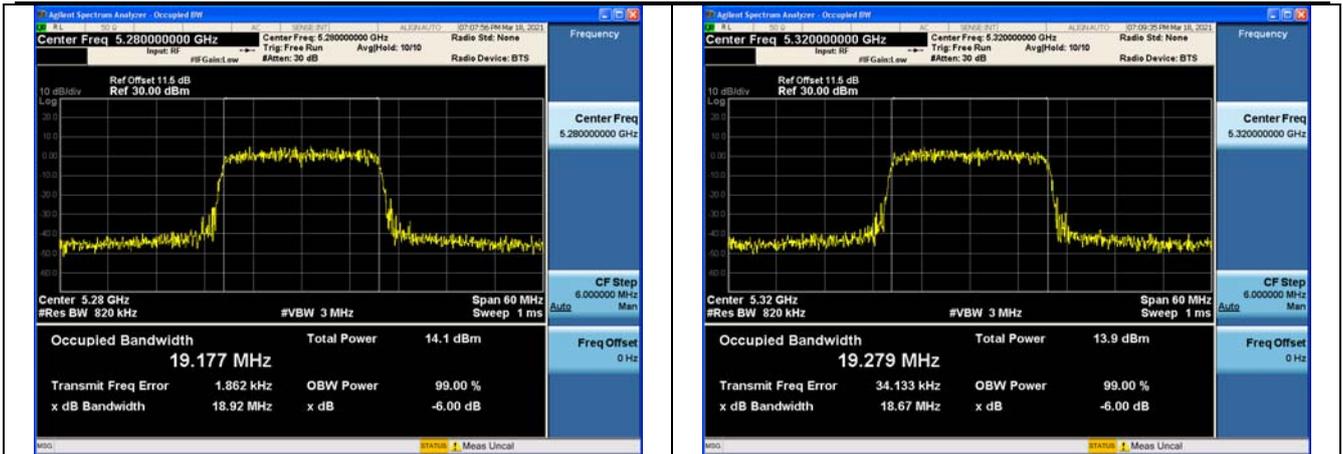


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

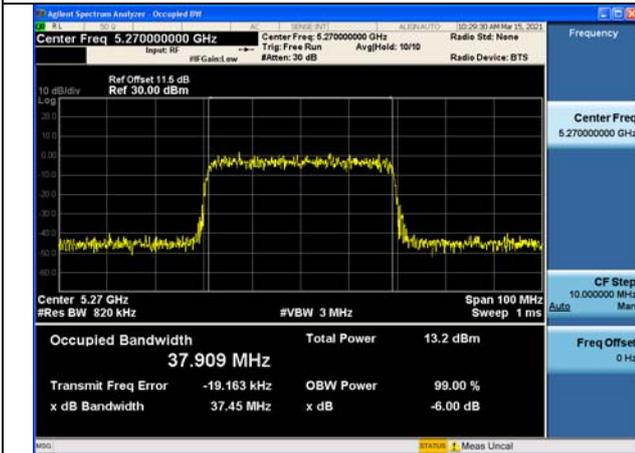
Test Mode:802.11ax HE20 Ant8



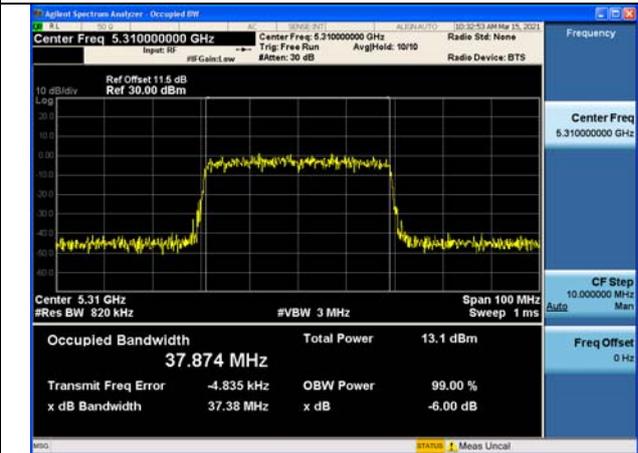
Test Mode:802.11ax HE40(484)

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5270 | Ant7 | 37.909 |
| | Ant8 | 37.837 |
| 5310 | Ant7 | 37.874 |
| | Ant8 | 37.846 |

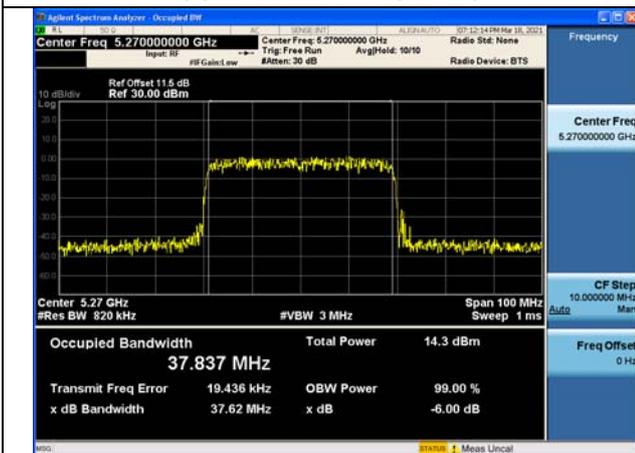
Test Mode:802.11ax HE40 Ant7



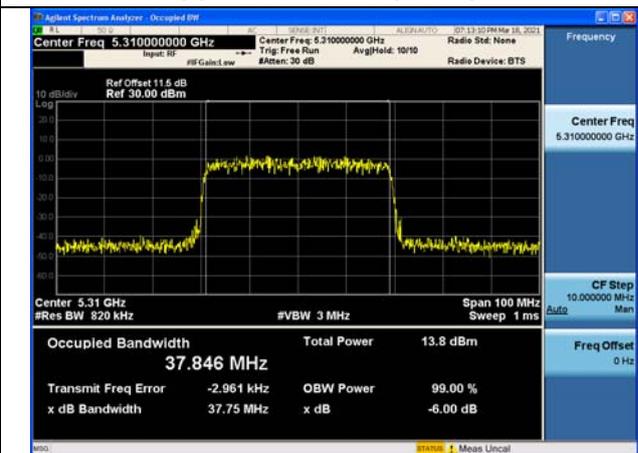
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



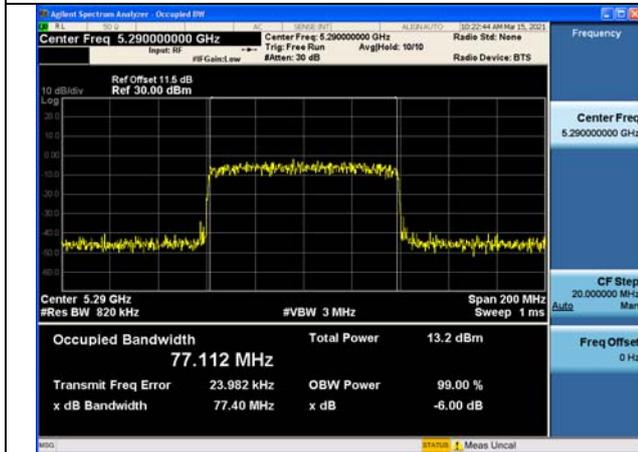
Test Mode:802.11ax HE40 Ant8



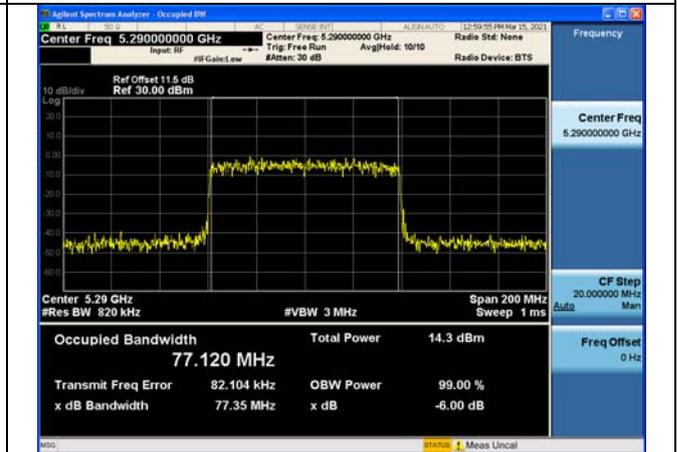
Test Mode:802.11ax HE80(996)

| Carrier frequency (MHz) | Ant | Occupied Bandwidth (MHz) |
|-------------------------|------|--------------------------|
| 5290 | Ant7 | 77.112 |
| | Ant8 | 77.120 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



Transmitter Power Spectral Density

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

Test Mode:802.11a

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.06 | Ant7 | -1.796 |
| | | Ant8 | -0.835 |
| | | Ant7+Ant8 | 1.721 |
| 5280 | | Ant7 | -1.987 |
| | | Ant8 | -1.062 |
| | | Ant7+Ant8 | 1.510 |
| 5320 | | Ant7 | -1.958 |
| | | Ant8 | -1.140 |
| | | Ant7+Ant8 | 1.481 |

Test Mode:802.11a Ant7



Test Mode:802.11a Ant7



Test Mode:802.11a Ant7

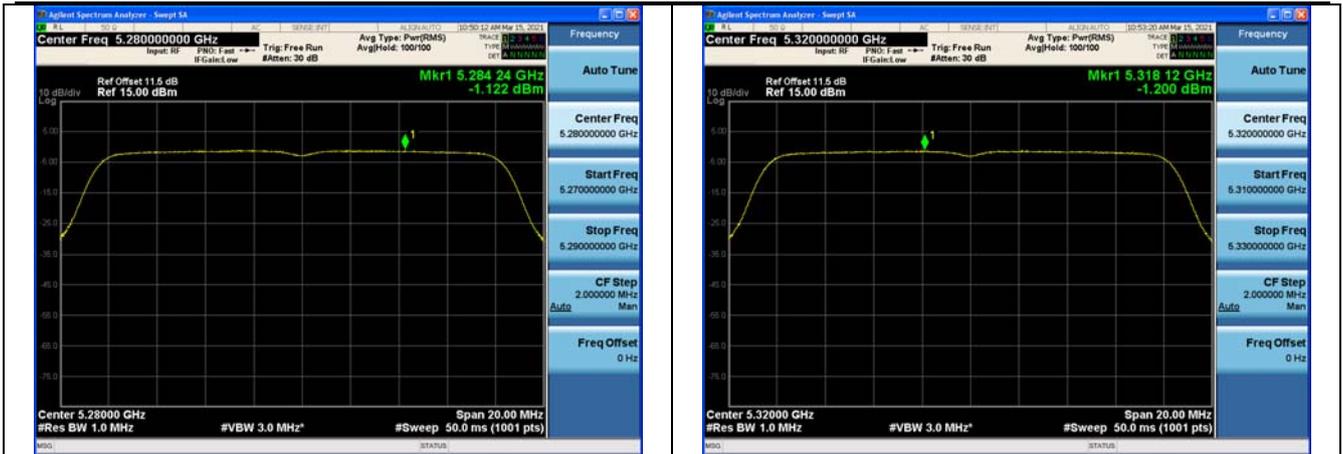


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

Test Mode:802.11a Ant8



Test Mode:802. 11n HT20

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | -1.994 |
| | | Ant8 | -1.222 |
| | | Ant7+Ant8 | 1.419 |
| 5280 | | Ant7 | -1.961 |
| | | Ant8 | -1.189 |
| | | Ant7+Ant8 | 1.452 |
| 5320 | | Ant7 | -2.229 |
| | | Ant8 | -1.519 |
| | | Ant7+Ant8 | 1.151 |

Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant7

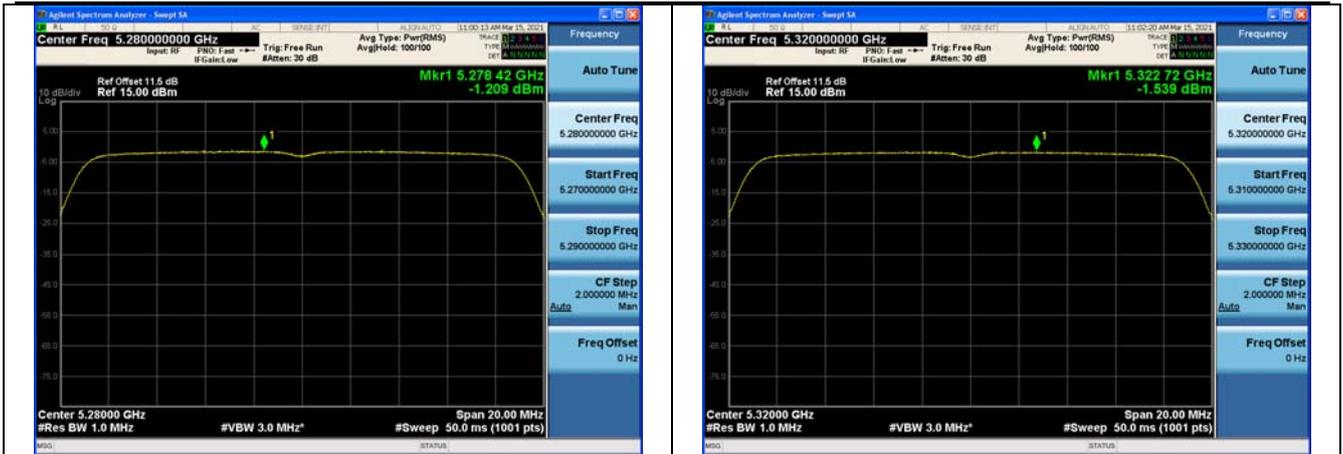


Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8

Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT40

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -4.842 |
| | | Ant8 | -4.279 |
| | | Ant7+Ant8 | -1.541 |
| 5310 | | Ant7 | -5.158 |
| | | Ant8 | -4.424 |
| | | Ant7+Ant8 | -1.765 |

Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



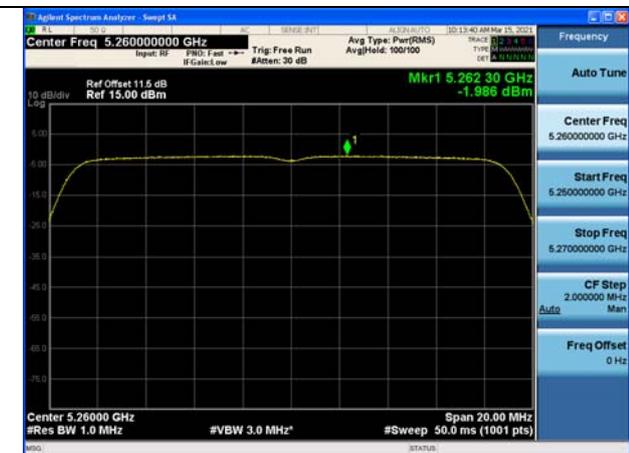
Test Mode:802. 11n HT40 Ant8



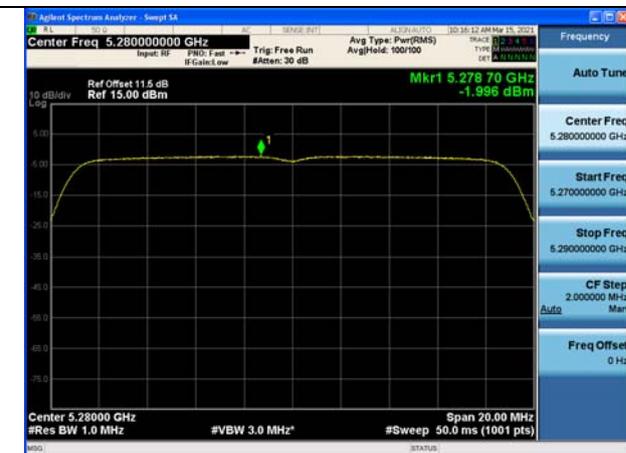
Test Mode:802. 11ac VHT20

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | -1.966 |
| | | Ant8 | -1.242 |
| | | Ant7+Ant8 | 1.421 |
| 5280 | | Ant7 | -1.976 |
| | | Ant8 | -1.477 |
| | | Ant7+Ant8 | 1.291 |
| 5320 | | Ant7 | -2.099 |
| | | Ant8 | -1.605 |
| | | Ant7+Ant8 | 1.165 |

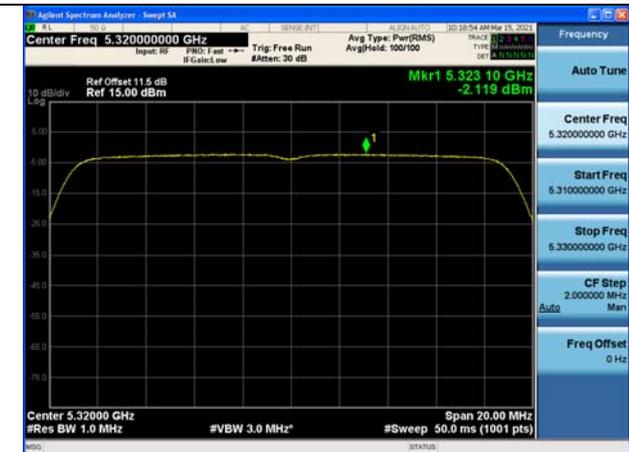
Test Mode:802. 11ac VHT20 Ant7



Test Mode:802. 11ac VHT20 Ant7



Test Mode:802. 11ac VHT20 Ant7

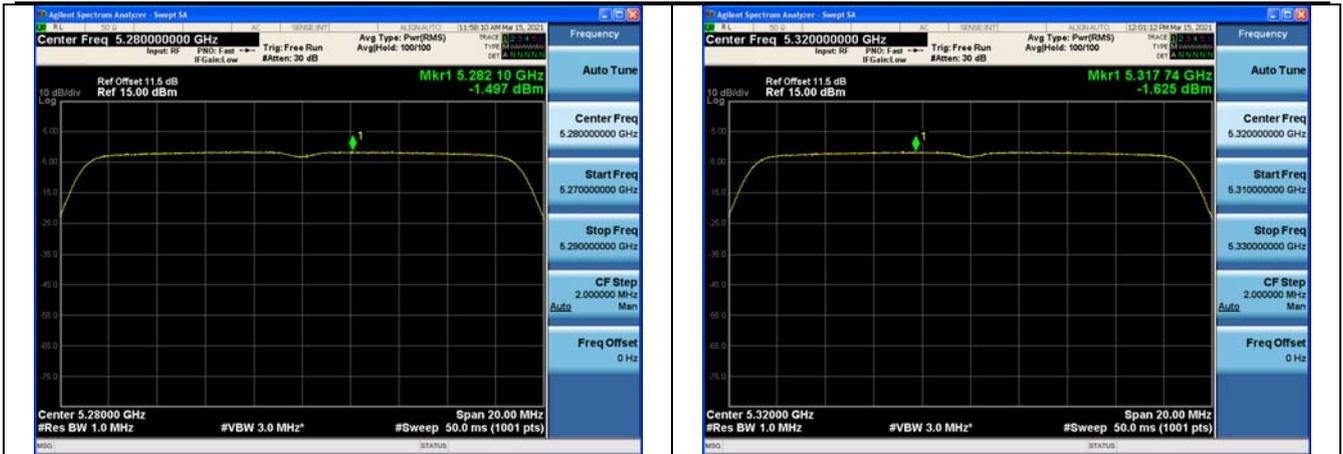


Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT20 Ant8

Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT40

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -4.917 |
| | | Ant8 | -4.289 |
| | | Ant7+Ant8 | -1.581 |
| 5310 | | Ant7 | -5.091 |
| | | Ant8 | -4.556 |
| | | Ant7+Ant8 | -1.805 |

Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant8



Test Mode:802. 11ac VHT40 Ant8



Test Mode:802. 11ac VHT80

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -8.266 |
| | | Ant8 | -7.600 |
| | | Ant7+Ant8 | -4.910 |

Test Mode:802. 11ac VHT80 Ant7



Test Mode:802. 11ac VHT80 Ant8



Test Mode:802.11ax HE20(26T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | 2.700 |
| | | Ant8 | 1.859 |
| | | Ant7+Ant8 | 5.310 |
| 5280 | | Ant7 | 2.555 |
| | | Ant8 | 1.899 |
| | | Ant7+Ant8 | 5.250 |
| 5320 | | Ant7 | 2.658 |
| | | Ant8 | 1.526 |
| | | Ant7+Ant8 | 5.139 |

Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

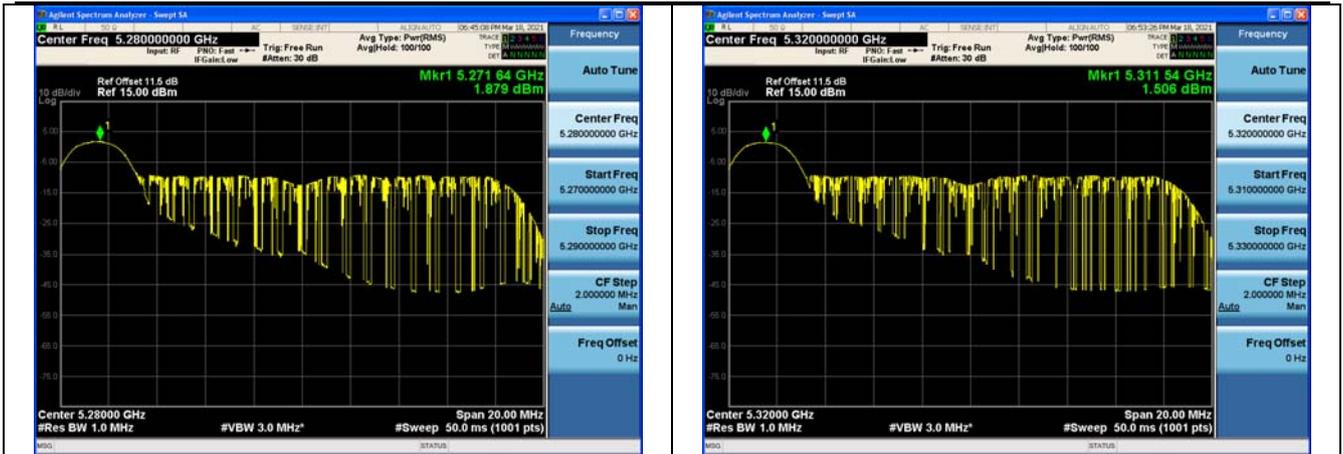


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

Test Mode:802.11ax HE20 Ant8



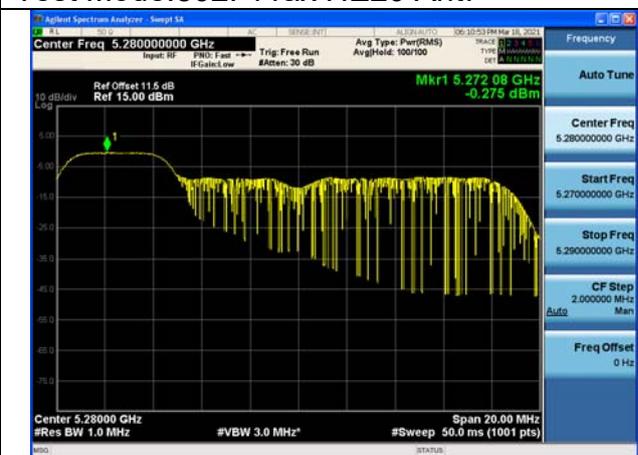
Test Mode:802.11ax HE20(52T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | -0.271 |
| | | Ant8 | -1.085 |
| | | Ant7+Ant8 | 2.351 |
| 5280 | | Ant7 | -0.255 |
| | | Ant8 | -1.190 |
| | | Ant7+Ant8 | 2.313 |
| 5320 | | Ant7 | -0.371 |
| | | Ant8 | -1.203 |
| | | Ant7+Ant8 | 2.243 |

Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

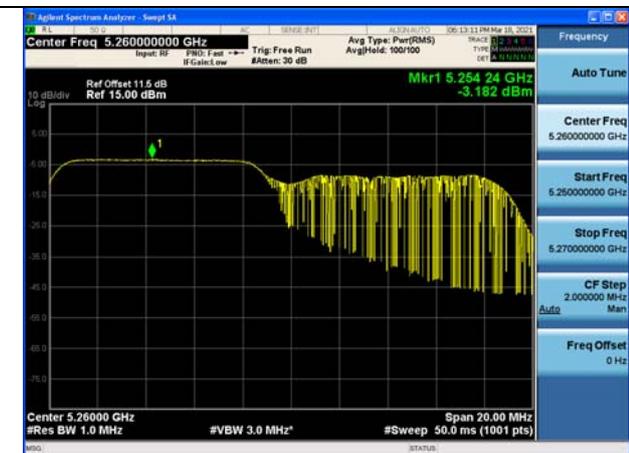
Test Mode:802.11ax HE20 Ant8



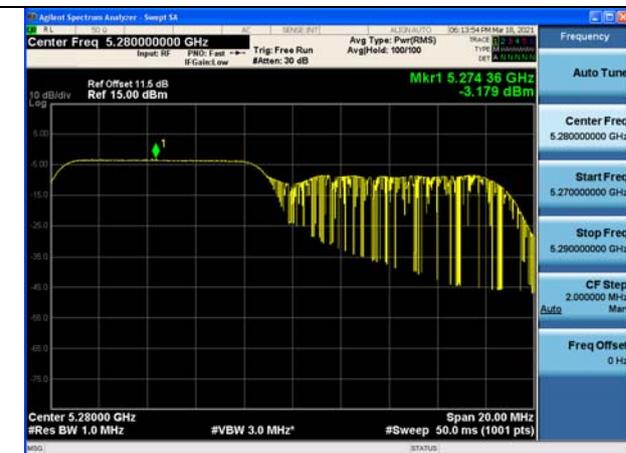
Test Mode:802.11ax HE20(106T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | -3.162 |
| | | Ant8 | -3.910 |
| | | Ant7+Ant8 | -0.510 |
| 5280 | | Ant7 | -3.159 |
| | | Ant8 | -4.164 |
| | | Ant7+Ant8 | -0.622 |
| 5320 | | Ant7 | -3.241 |
| | | Ant8 | -4.020 |
| | | Ant7+Ant8 | -0.603 |

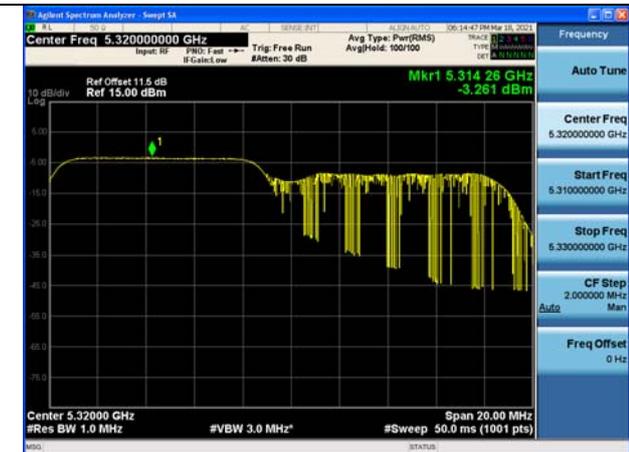
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

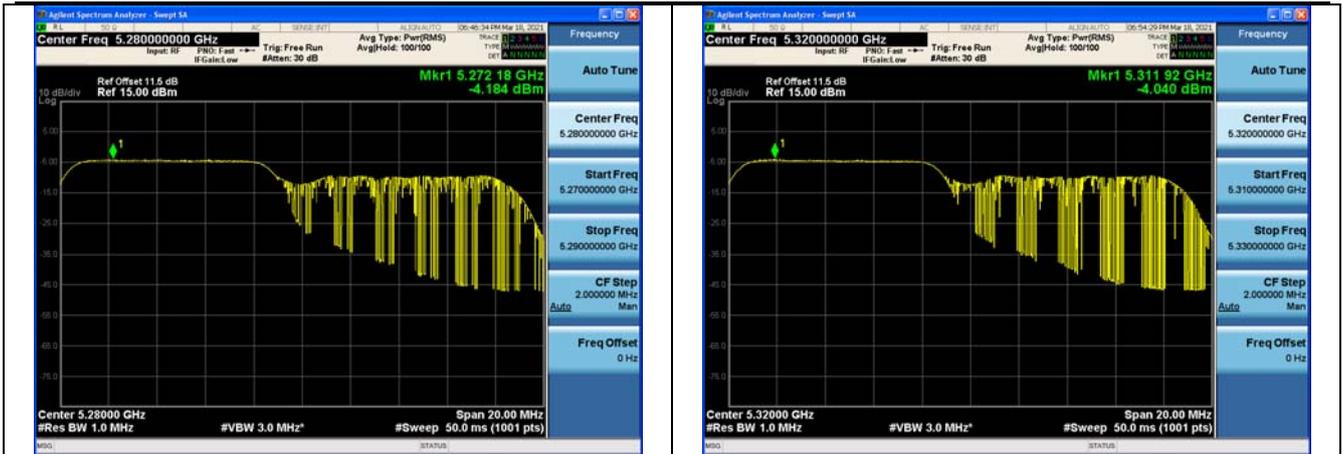


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

Test Mode:802.11ax HE20 Ant8



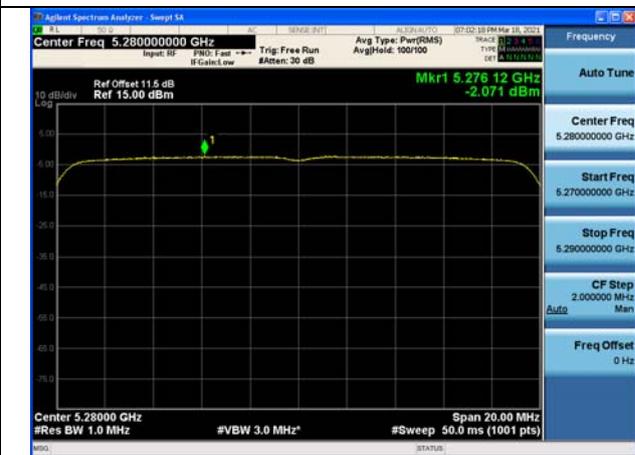
Test Mode:802.11ax HE20(242T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5260 | 0.02 | Ant7 | -2.033 |
| | | Ant8 | -1.551 |
| | | Ant7+Ant8 | 1.225 |
| 5280 | | Ant7 | -2.051 |
| | | Ant8 | -1.559 |
| | | Ant7+Ant8 | 1.212 |
| 5320 | | Ant7 | -2.098 |
| | | Ant8 | -1.708 |
| | | Ant7+Ant8 | 1.112 |

Test Mode:802.11ax HE20 Ant7



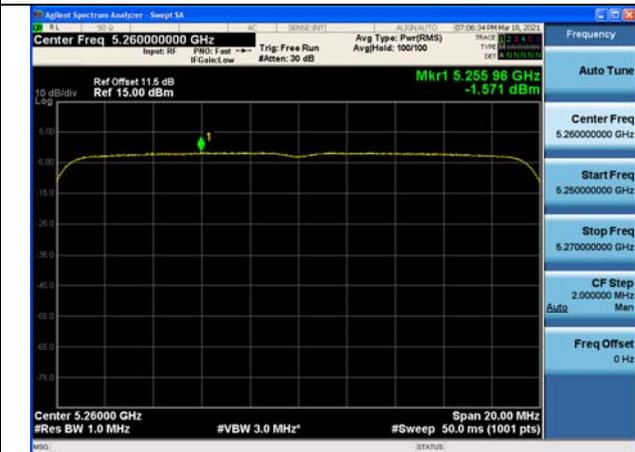
Test Mode:802.11ax HE20 Ant7



Test Mode:802.11ax HE20 Ant7

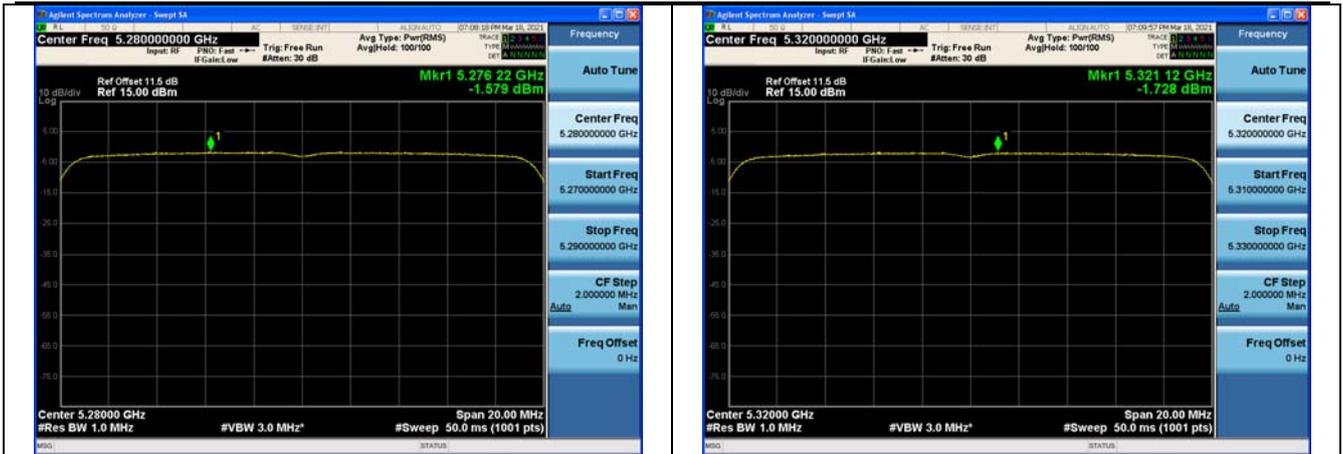


Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE20 Ant8

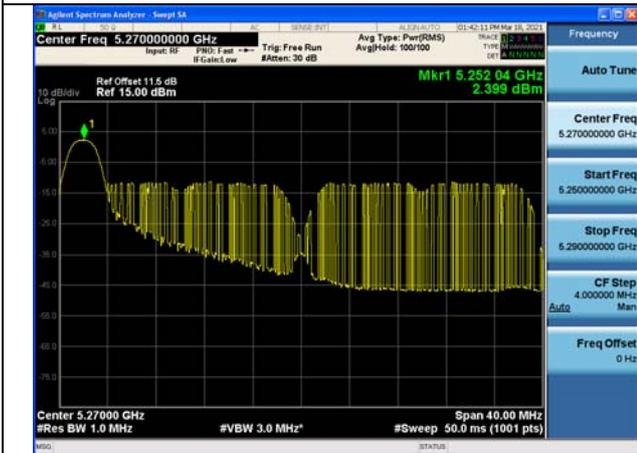
Test Mode:802.11ax HE20 Ant8



Test Mode:802.11ax HE40(26T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | 2.419 |
| | | Ant8 | 1.565 |
| | | Ant7+Ant8 | 5.023 |
| 5310 | | Ant7 | 2.452 |
| | | Ant8 | 1.480 |
| | | Ant7+Ant8 | 5.003 |

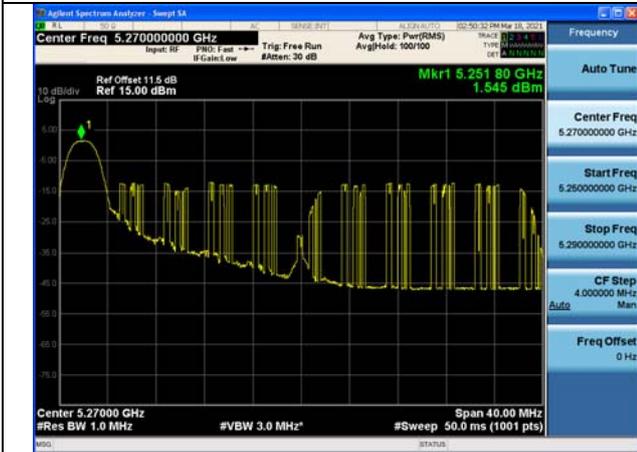
Test Mode:802.11ax HE40 Ant7



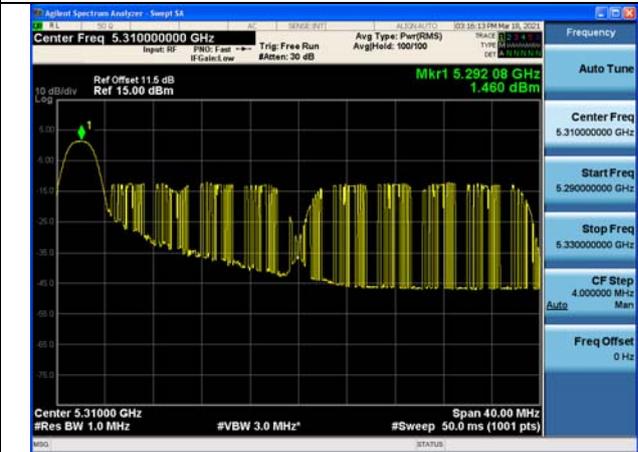
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



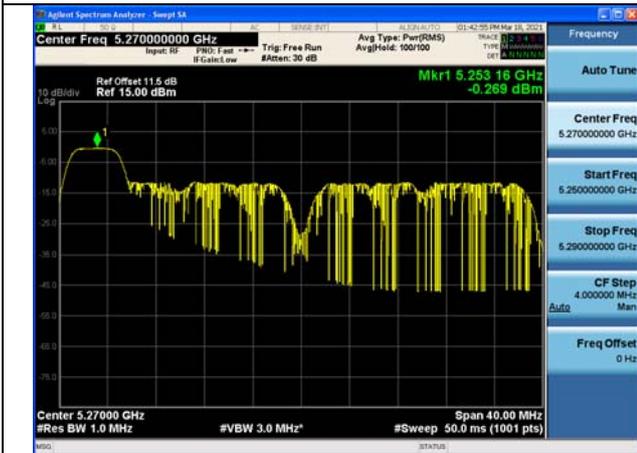
Test Mode:802.11ax HE40 Ant8



Test Mode:802.11ax HE40(52T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -0.249 |
| | | Ant8 | -1.071 |
| | | Ant7+Ant8 | 2.370 |
| 5310 | | Ant7 | -0.337 |
| | | Ant8 | -1.085 |
| | | Ant7+Ant8 | 2.315 |

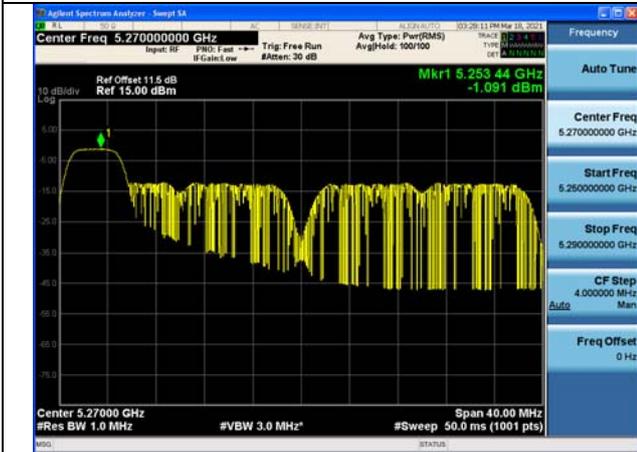
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



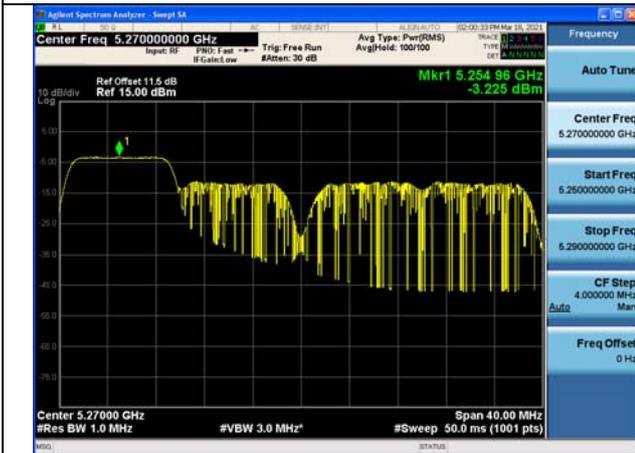
Test Mode:802.11ax HE40 Ant8



Test Mode:802.11ax HE40(106T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -3.205 |
| | | Ant8 | -3.834 |
| | | Ant7+Ant8 | -0.498 |
| 5310 | | Ant7 | -3.129 |
| | | Ant8 | -4.106 |
| | | Ant7+Ant8 | -0.580 |

Test Mode:802.11ax HE40 Ant7



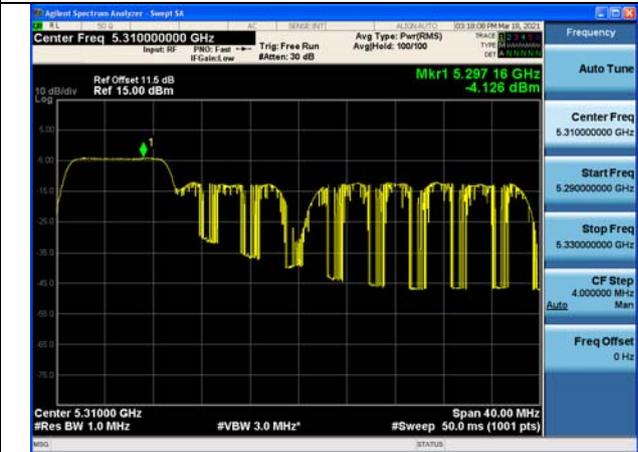
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



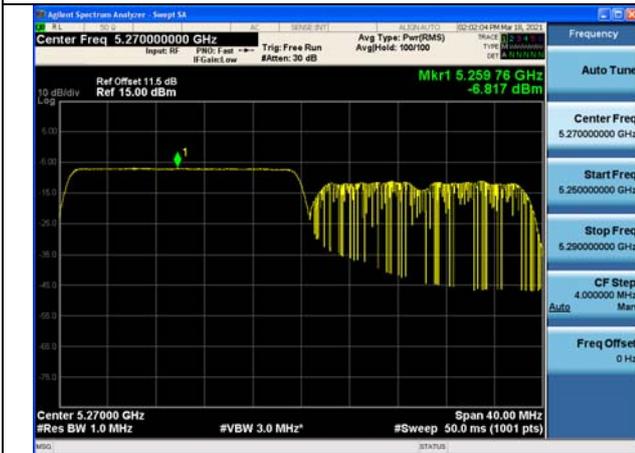
Test Mode:802.11ax HE40 Ant8



Test Mode:802.11ax HE40(242T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -6.797 |
| | | Ant8 | -7.372 |
| | | Ant7+Ant8 | -4.065 |
| 5310 | | Ant7 | -6.773 |
| | | Ant8 | -7.719 |
| | | Ant7+Ant8 | -4.210 |

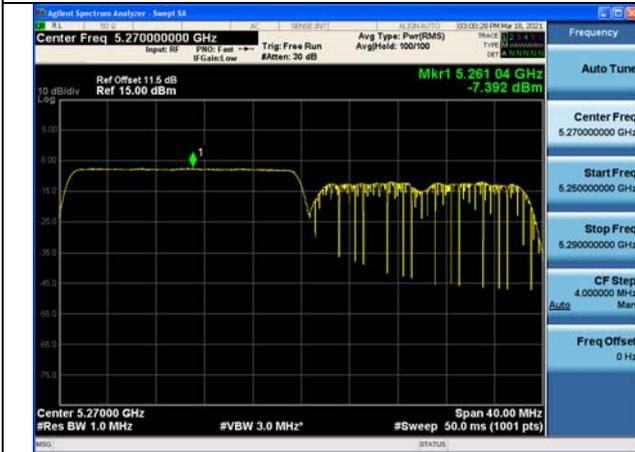
Test Mode:802.11ax HE40 Ant7



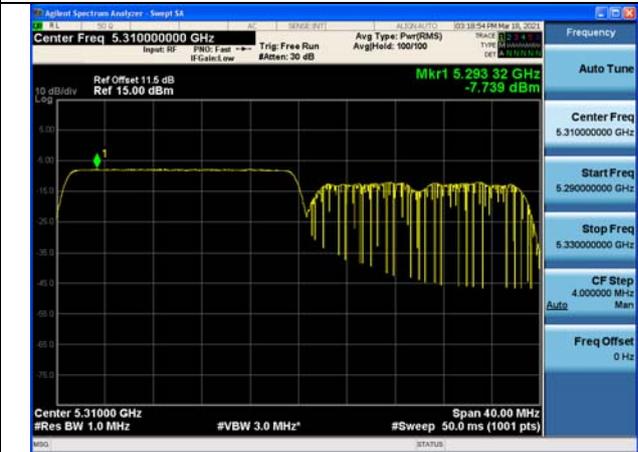
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



Test Mode:802.11ax HE40 Ant8



Test Mode:802.11ax HE40(484T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5270 | 0.02 | Ant7 | -5.335 |
| | | Ant8 | -4.614 |
| | | Ant7+Ant8 | -1.949 |
| 5310 | | Ant7 | -5.297 |
| | | Ant8 | -4.818 |
| | | Ant7+Ant8 | -2.041 |

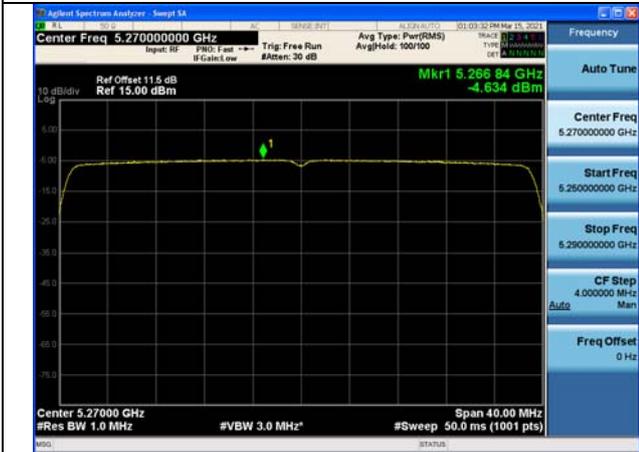
Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant7



Test Mode:802.11ax HE40 Ant8



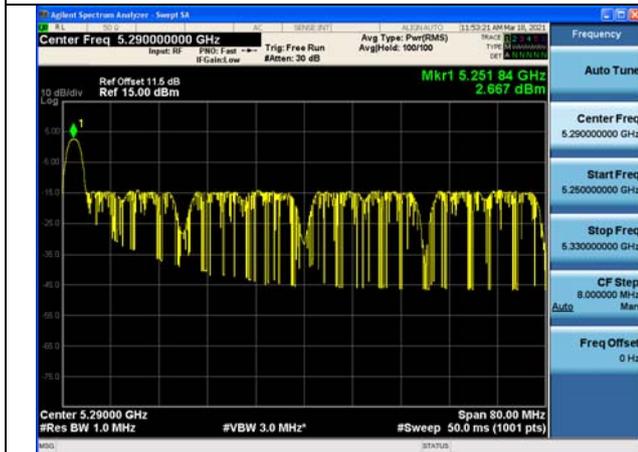
Test Mode:802.11ax HE40 Ant8



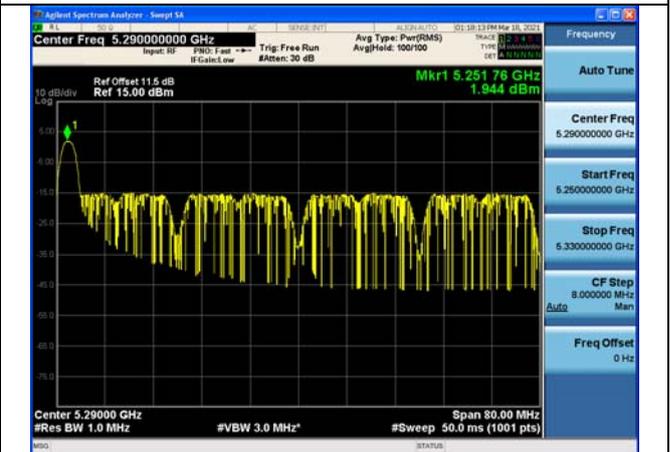
Test Mode:802.11ax HE80(26T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | 2.687 |
| | | Ant8 | 1.964 |
| | | Ant7+Ant8 | 5.351 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



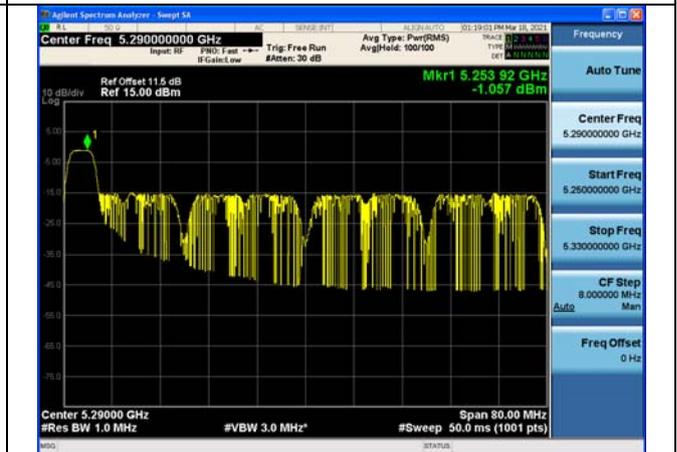
Test Mode:802.11ax HE80(52T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -0.089 |
| | | Ant8 | -1.037 |
| | | Ant7+Ant8 | 2.473 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



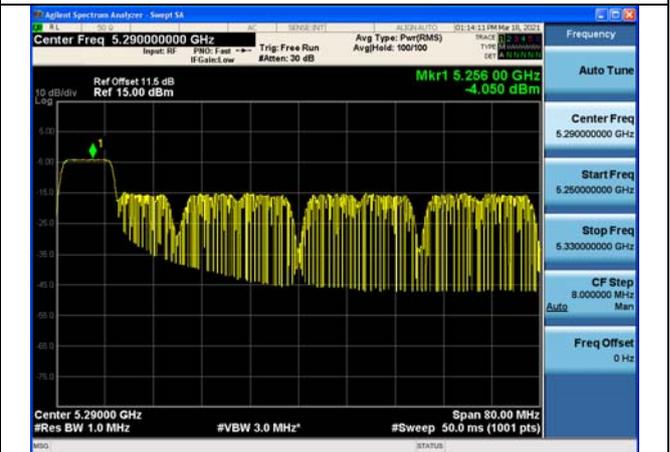
Test Mode:802.11ax HE80(106T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -3.128 |
| | | Ant8 | -4.030 |
| | | Ant7+Ant8 | -0.545 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



Test Mode:802.11ax HE80(242T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -6.683 |
| | | Ant8 | -7.455 |
| | | Ant7+Ant8 | -4.042 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



Test Mode:802.11ax HE80(484T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -9.702 |
| | | Ant8 | -10.286 |
| | | Ant7+Ant8 | -6.974 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



Test Mode:802.11ax HE80(996T)

| Carrier frequency (MHz) | Correction Factor(dB) | Ant | Power Density (dBm) |
|-------------------------|-----------------------|-----------|---------------------|
| 5290 | 0.02 | Ant7 | -8.361 |
| | | Ant8 | -7.424 |
| | | Ant7+Ant8 | -4.857 |

Test Mode:802.11ax HE80 Ant7



Test Mode:802.11ax HE80 Ant8



Frequency Stability

NII2A

| Mode | Data Rate | Ant | Center Frequency (MHz) | Measured Frequency (MHz) | Frequency Stability (ppm) | Voltage (V) | Temperature (°C) |
|---------|------------|------|------------------------|--------------------------|---------------------------|-------------|------------------|
| 802.11a | 6Mbps | Ant7 | 5260 | 5255.92931 | 2.90 | HV | +20 |
| | | | 5260 | 5264.38266 | 2.21 | LV | +20 |
| | | | 5260 | 5263.1269 | 2.47 | NV | +30 |
| | | | 5260 | 5262.82917 | 2.87 | NV | +50 |
| | | | 5260 | 5264.33498 | 2.14 | NV | +40 |
| | | | 5260 | 5255.88301 | 2.70 | NV | -10 |
| | | | 5260 | 5258.43248 | 2.01 | NV | -20 |
| | | | 5260 | 5262.82917 | 2.87 | NV | -30 |
| | | | 5260 | 5257.57374 | 2.27 | NV | +20 |
| | | | 5260 | 5258.09749 | 2.69 | NV | +10 |
| | | 5260 | 5262.44204 | 2.27 | NV | 0 | |
| | | 5260 | 5261.19008 | 2.25 | HV | +20 | |
| | | 5260 | 5256.26905 | 2.31 | LV | +20 | |
| | | 5260 | 5261.19033 | 2.30 | NV | +20 | |
| | | 5260 | 5258.09576 | 2.02 | NV | +50 | |
| | | 5260 | 5262.77475 | 2.52 | NV | +40 | |
| | | 5260 | 5261.53077 | 2.02 | NV | +30 | |
| | | 5260 | 5262.19181 | 2.69 | NV | -30 | |
| | | 5260 | 5261.19033 | 2.30 | NV | -20 | |
| | | 5260 | 5260.2975 | 2.56 | NV | -10 | |
| 5260 | 5258.09587 | 2.00 | NV | +10 | | | |
| 5260 | 5261.86353 | 2.28 | NV | 0 | | | |