## Appendix B SHEM190201114502

### 1.(26dB)Emission Bandwidth Measurement

| Test Mode | Test Channel | Ant | (26dB)EBW[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|
| 11A | 5180 | Ant1 | 19.32 | --- | PASS |
| 11A | 5220 | Ant1 | 20.36 | --- | PASS |
| 11A | 5240 | Ant1 | 20.33 | --- | PASS |
| 11A | 5260 | Ant1 | 20.38 | --- | PASS |
| 11A | 5280 | Ant1 | 19.90 | --- | PASS |
| 11A | 5320 | Ant1 | 21.13 | --- | PASS |
| 11A | 5500 | Ant1 | 20.20 | --- | PASS |
| 11A | 5600 | Ant1 | 21.54 | --- | PASS |
| 11A | 5700 | Ant1 | 20.69 | --- | PASS |
| 11A | 5745 | Ant1 | 20.80 | --- | PASS |
| 11A | 5785 | Ant1 | 20.94 | --- | PASS |
| 11A | 5825 | Ant1 | 21.83 | --- | PASS |
| 11N20 | 5180 | Ant1 | 20.12 | --- | PASS |
| 11N20 | 5220 | Ant1 | 20.27 | --- | PASS |
| 11N20 | 5240 | Ant1 | 20.29 | --- | PASS |
| 11N20 | 5260 | Ant1 | 20.39 | --- | PASS |
| 11N20 | 5280 | Ant1 | 19.71 | --- | PASS |
| 11N20 | 5320 | Ant1 | 19.94 | --- | PASS |
| 11N20 | 5500 | Ant1 | 21.16 | --- | PASS |
| 11N20 | 5600 | Ant1 | 21.95 | --- | PASS |
| 11N20 | 5700 | Ant1 | 21.52 | --- | PASS |
| 11N20 | 5745 | Ant1 | 20.54 | --- | PASS |
| 11N20 | 5785 | Ant1 | 21.54 | --- | PASS |
| 11N20 | 5825 | Ant1 | 20.90 | --- | PASS |
| 11N40 | 5190 | Ant1 | 40.72 | --- | PASS |
| 11N40 | 5230 | Ant1 | 41.26 | --- | PASS |
| 11N40 | 5270 | Ant1 | 41.00 | --- | PASS |
| 11N40 | 5310 | Ant1 | 40.11 | --- | PASS |
| 11N40 | 5510 | Ant1 | 41.03 | --- | PASS |
| 11N40 | 5590 | Ant1 | 40.97 | --- | PASS |
| 11N40 | 5670 | Ant1 | 40.75 | --- | PASS |
| 11N40 | 5755 | Ant1 | 41.82 | --- | PASS |
| 11N40 | 5795 | Ant1 | 41.05 | --- | PASS |
| 11AC20 | 5180 | Ant1 | 19.70 | --- | PASS |
| 11AC20 | 5220 | Ant1 | 20.16 | --- | PASS |
| 11AC20 | 5240 | Ant1 | 19.96 | --- | PASS |

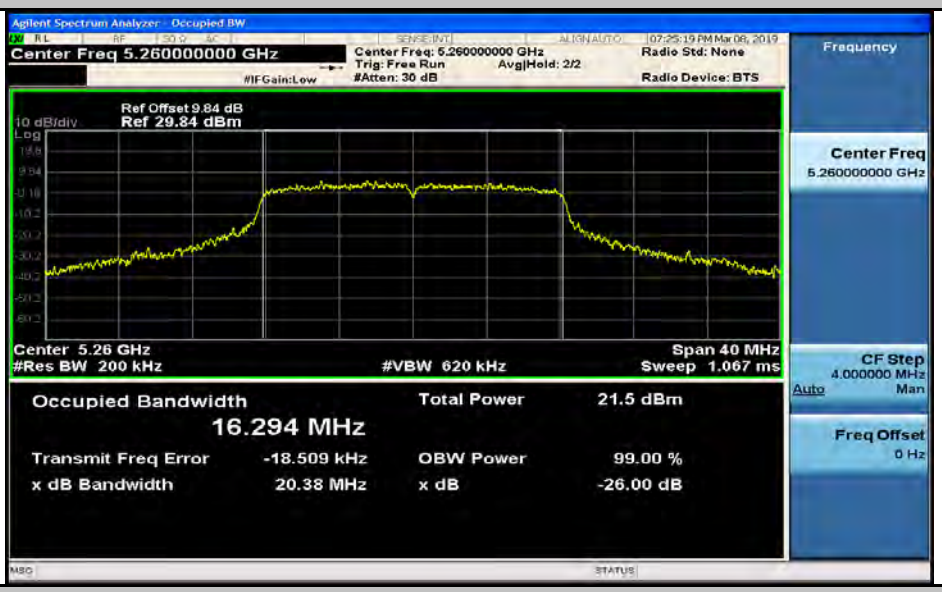
| | | | | | |
|---|---|---|---|---|---|
| 11AC20 | 5260 | Ant1 | 19.53 | --- | PASS |
| 11AC20 | 5280 | Ant1 | 20.12 | --- | PASS |
| 11AC20 | 5320 | Ant1 | 20.42 | --- | PASS |
| 11AC20 | 5500 | Ant1 | 20.09 | --- | PASS |
| 11AC20 | 5600 | Ant1 | 20.51 | --- | PASS |
| 11AC20 | 5700 | Ant1 | 21.31 | --- | PASS |
| 11AC20 | 5745 | Ant1 | 20.61 | --- | PASS |
| 11AC20 | 5785 | Ant1 | 20.08 | --- | PASS |
| 11AC20 | 5825 | Ant1 | 20.18 | --- | PASS |
| 11AC40 | 5190 | Ant1 | 39.72 | --- | PASS |
| 11AC40 | 5230 | Ant1 | 40.07 | --- | PASS |
| 11AC40 | 5270 | Ant1 | 40.39 | --- | PASS |
| 11AC40 | 5310 | Ant1 | 40.12 | --- | PASS |
| 11AC40 | 5510 | Ant1 | 41.16 | --- | PASS |
| 11AC40 | 5590 | Ant1 | 40.73 | --- | PASS |
| 11AC40 | 5670 | Ant1 | 41.65 | --- | PASS |
| 11AC40 | 5755 | Ant1 | 40.41 | --- | PASS |
| 11AC40 | 5795 | Ant1 | 40.14 | --- | PASS |
| 11AC80 | 5210 | Ant1 | 82.58 | --- | PASS |
| 11AC80 | 5290 | Ant1 | 81.89 | --- | PASS |
| 11AC80 | 5530 | Ant1 | 82.37 | --- | PASS |
| 11AC80 | 5610 | Ant1 | 82.05 | --- | PASS |
| 11AC80 | 5775 | Ant1 | 82.02 | --- | PASS |

(26dB)Emission Bandwidth Measurement_11A_5180_Ant1

(26dB)Emission Bandwidth Measurement_11A_5220_Ant1

(26dB)Emission Bandwidth Measurement_11A_5240_Ant1

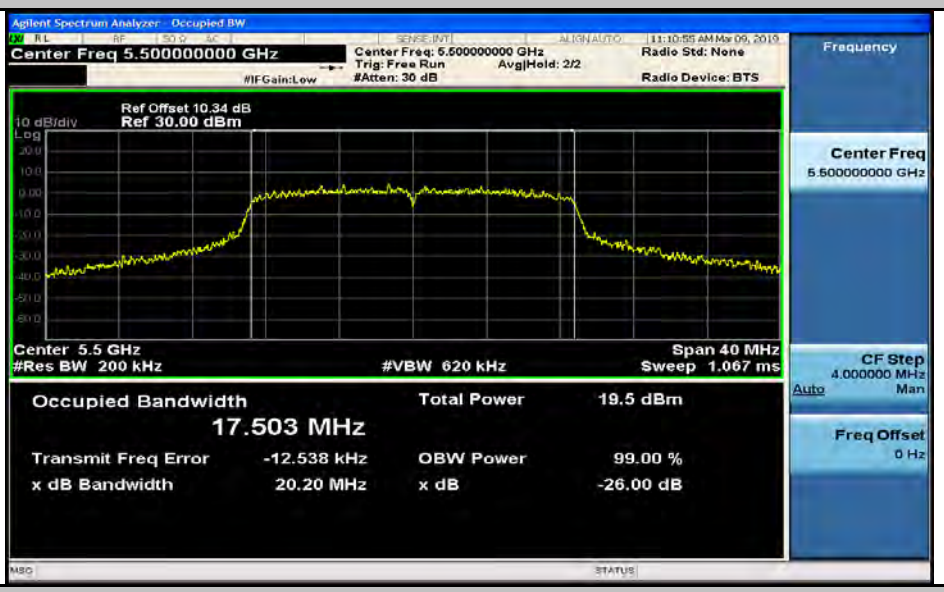
(26dB)Emission Bandwidth Measurement_11A_5260_Ant1



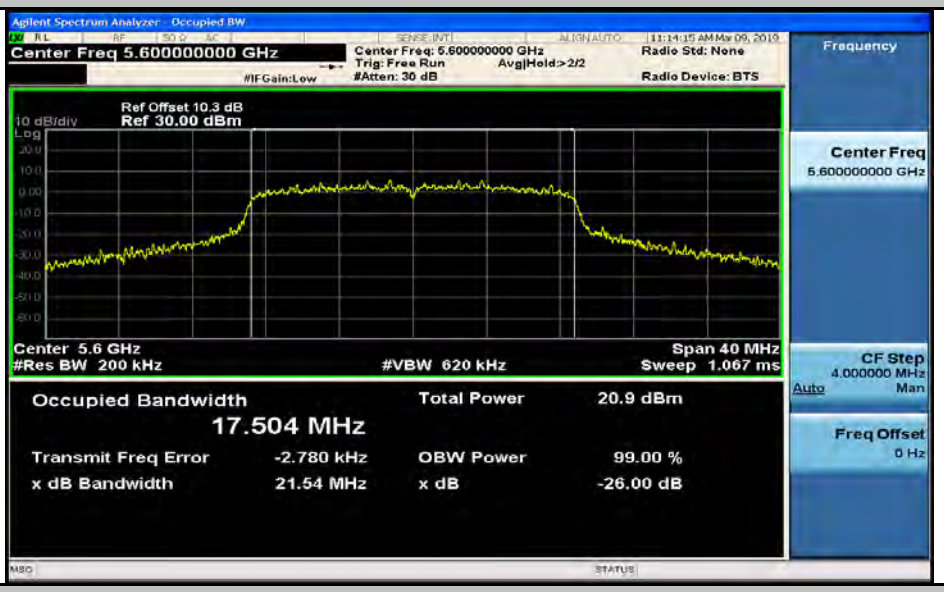

(26dB)Emission Bandwidth Measurement_11A_5280_Ant1

(26dB)Emission Bandwidth Measurement_11A_5320_Ant1

(26dB)Emission Bandwidth Measurement_11A_5500_Ant1




(26dB)Emission Bandwidth Measurement_11A_5600_Ant1




(26dB)Emission Bandwidth Measurement_11A_5700_Ant1

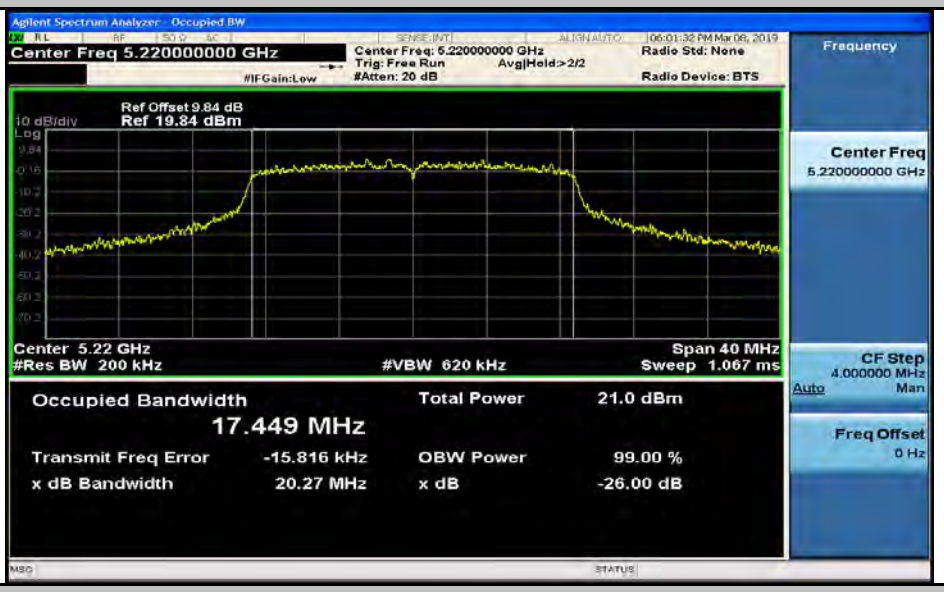
(26dB)Emission Bandwidth Measurement_11A_5745_Ant1

(26dB)Emission Bandwidth Measurement_11A_5785_Ant1

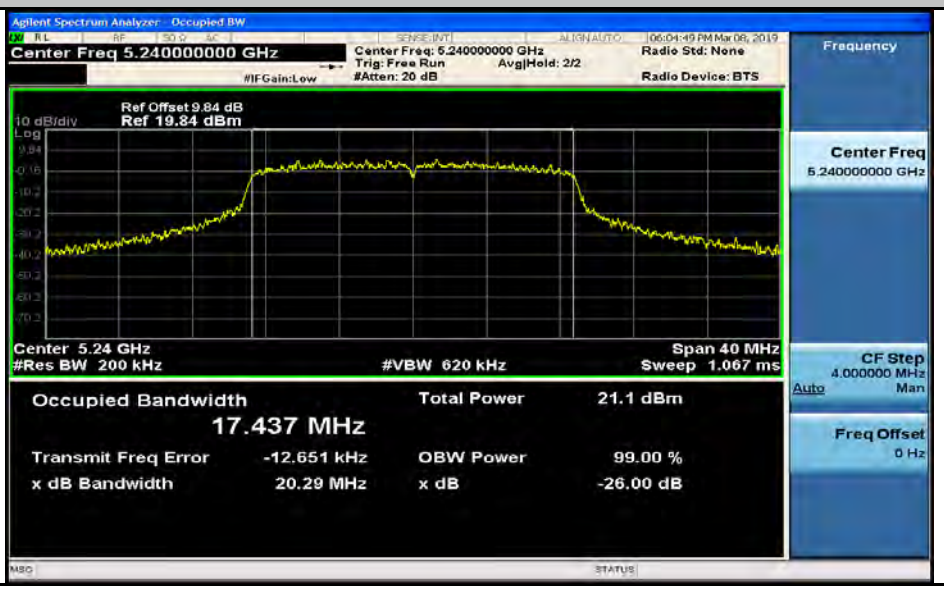
(26dB)Emission Bandwidth Measurement_11A_5825_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5180_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5220_Ant1




(26dB)Emission Bandwidth Measurement_11N20_5240_Ant1



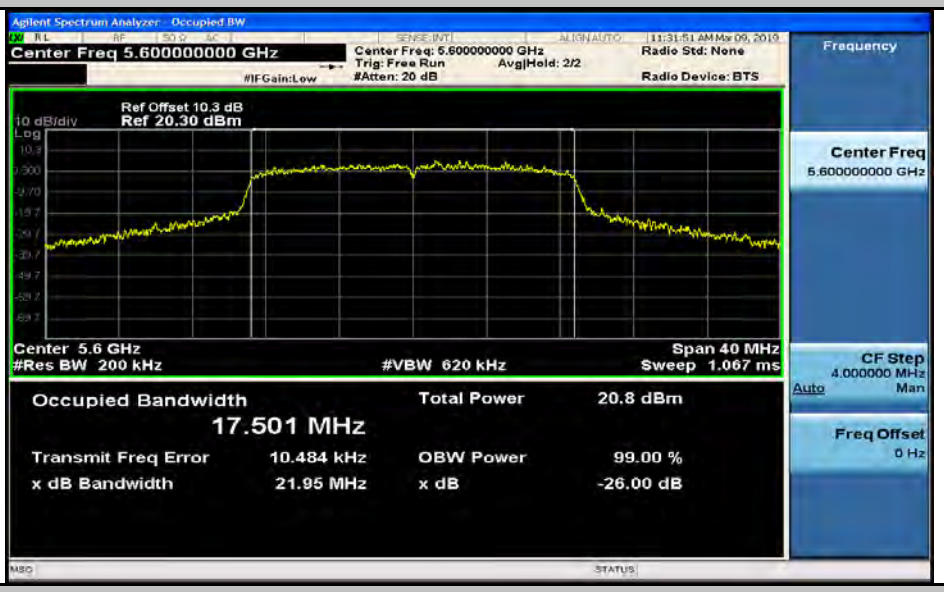
(26dB)Emission Bandwidth Measurement_11N20_5260_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5280_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5320_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5500_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5600_Ant1

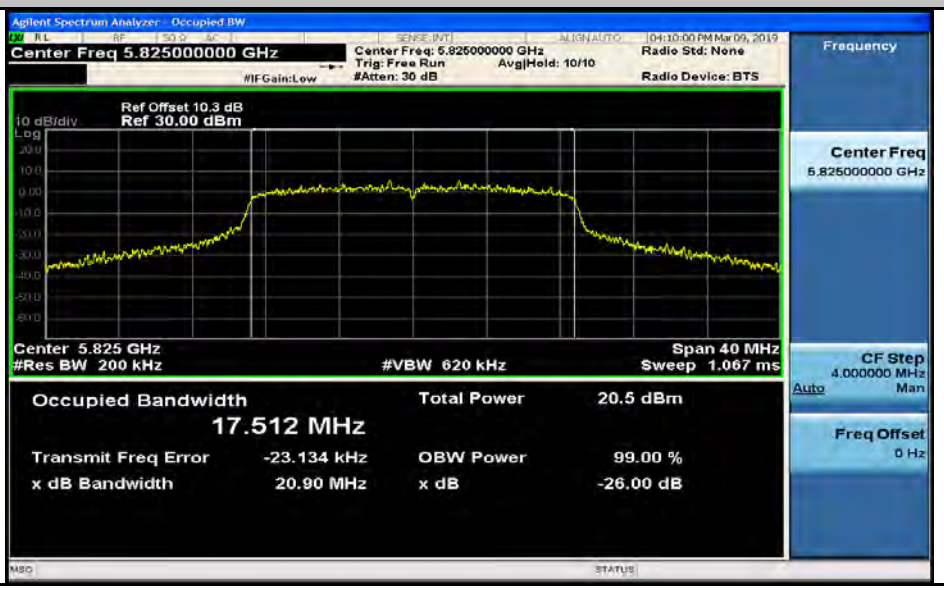



(26dB)Emission Bandwidth Measurement_11N20_5700_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5745_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5785_Ant1

(26dB)Emission Bandwidth Measurement_11N20_5825_Ant1

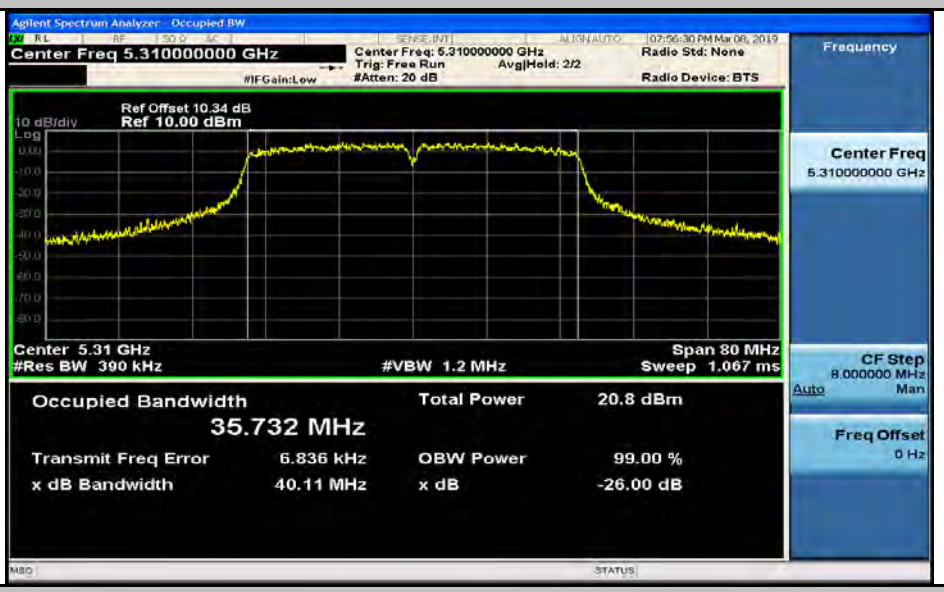


(26dB)Emission Bandwidth Measurement_11N40_5190_Ant1

(26dB)Emission Bandwidth Measurement_11N40_5230_Ant1

(26dB)Emission Bandwidth Measurement_11N40_5270_Ant1

(26dB)Emission Bandwidth Measurement_11N40_5310_Ant1

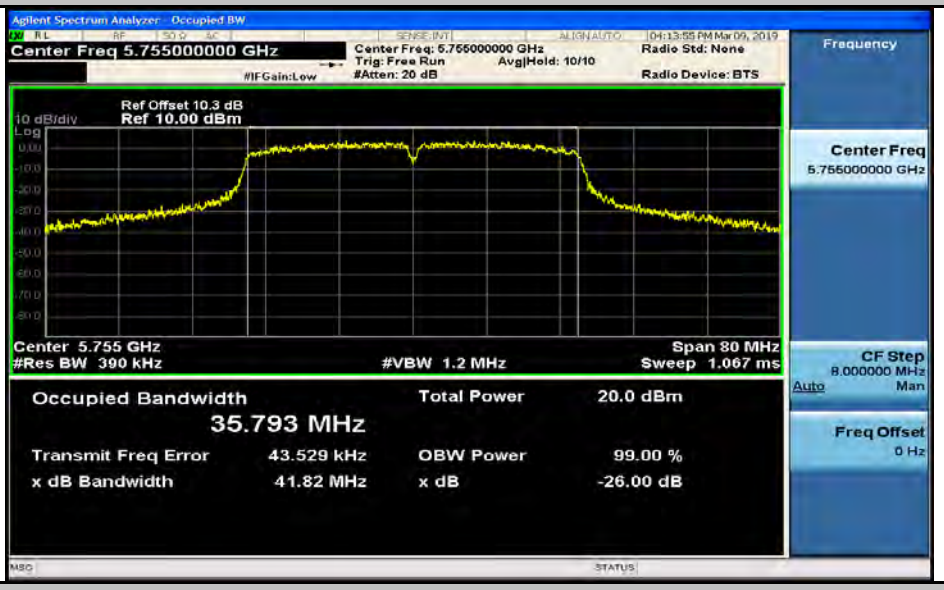



(26dB)Emission Bandwidth Measurement_11N40_5510_Ant1

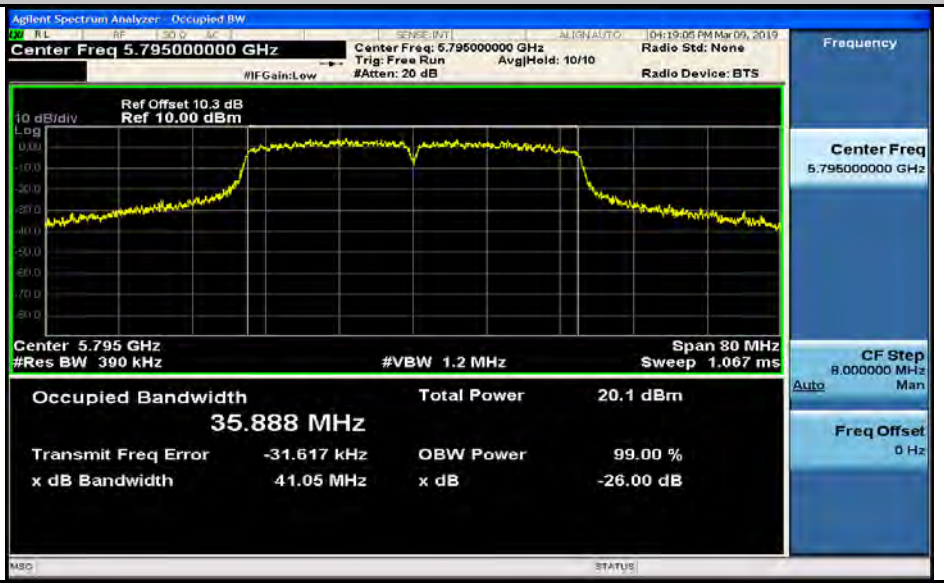
(26dB)Emission Bandwidth Measurement_11N40_5590_Ant1

(26dB)Emission Bandwidth Measurement_11N40_5670_Ant1

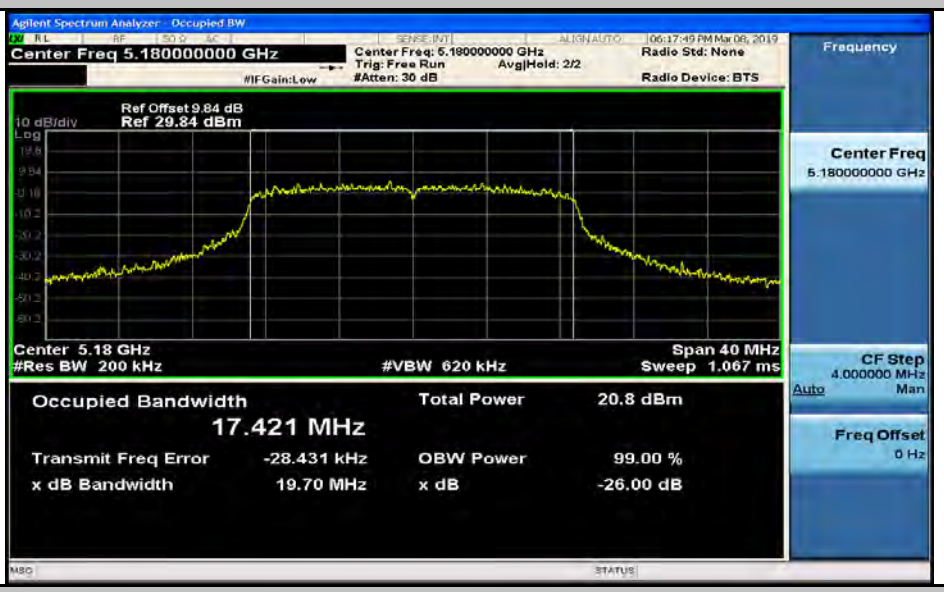
(26dB)Emission Bandwidth Measurement_11N40_5755_Ant1



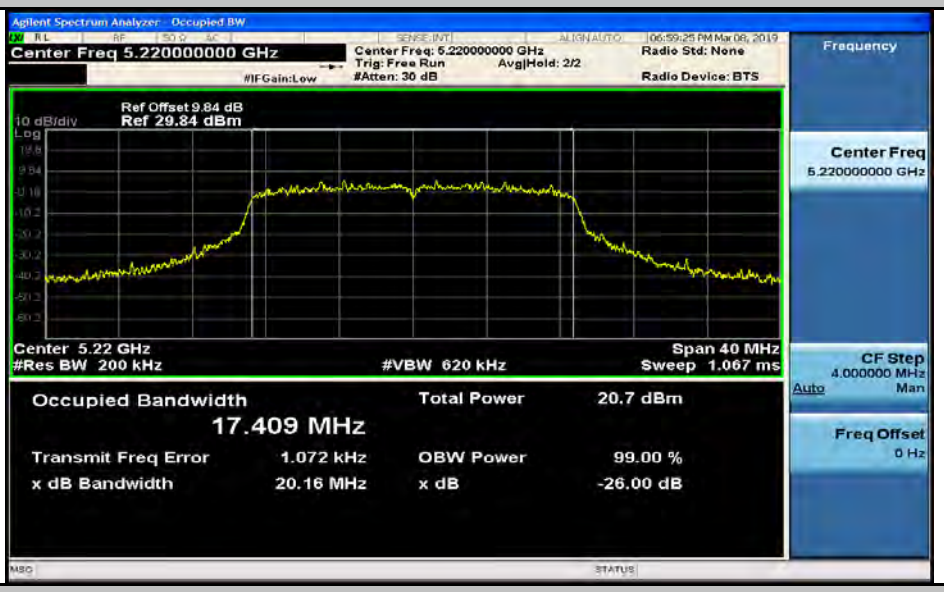

(26dB)Emission Bandwidth Measurement_11N40_5795_Ant1



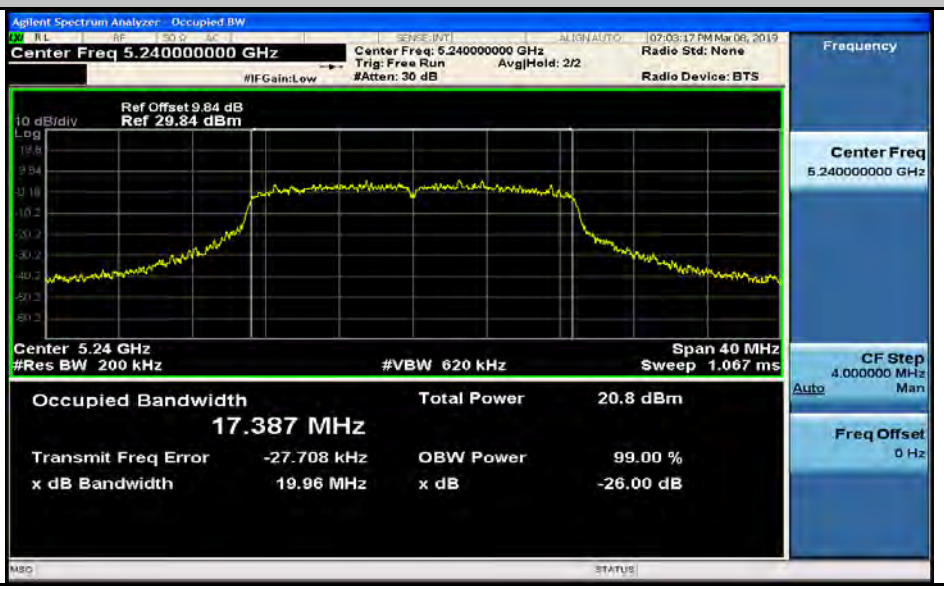
(26dB)Emission Bandwidth Measurement_11AC20_5180_Ant1



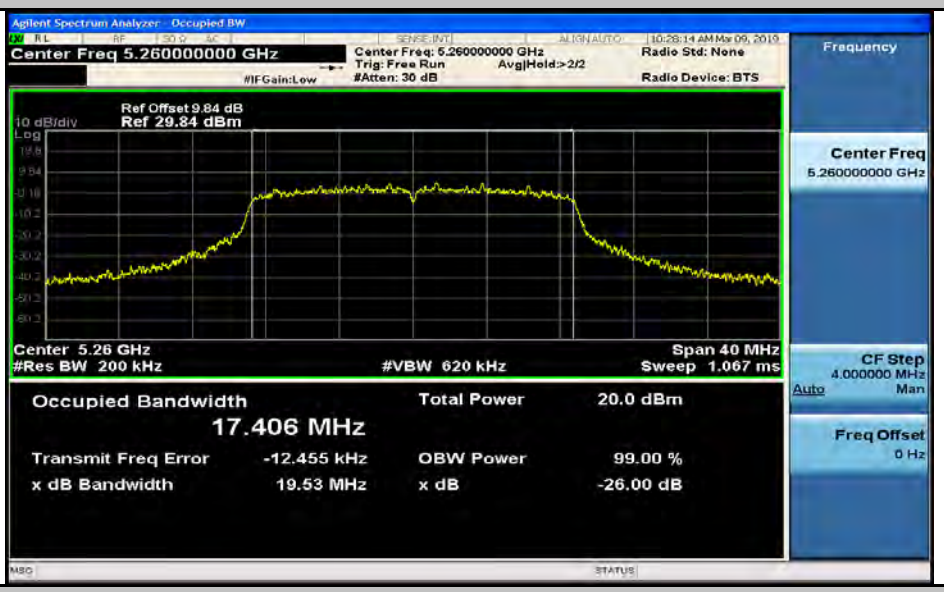

(26dB)Emission Bandwidth Measurement_11AC20_5220_Ant1



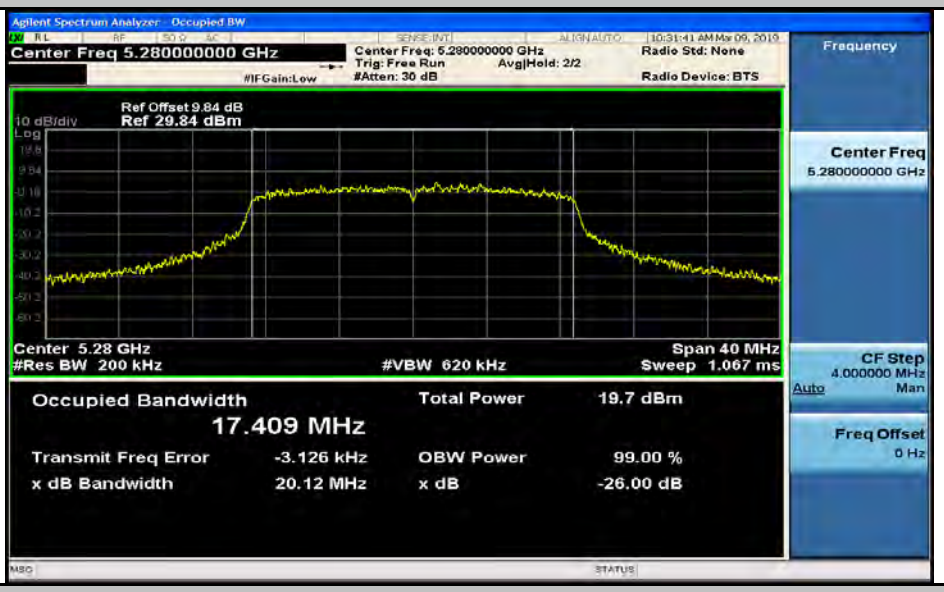

(26dB)Emission Bandwidth Measurement_11AC20_5240_Ant1



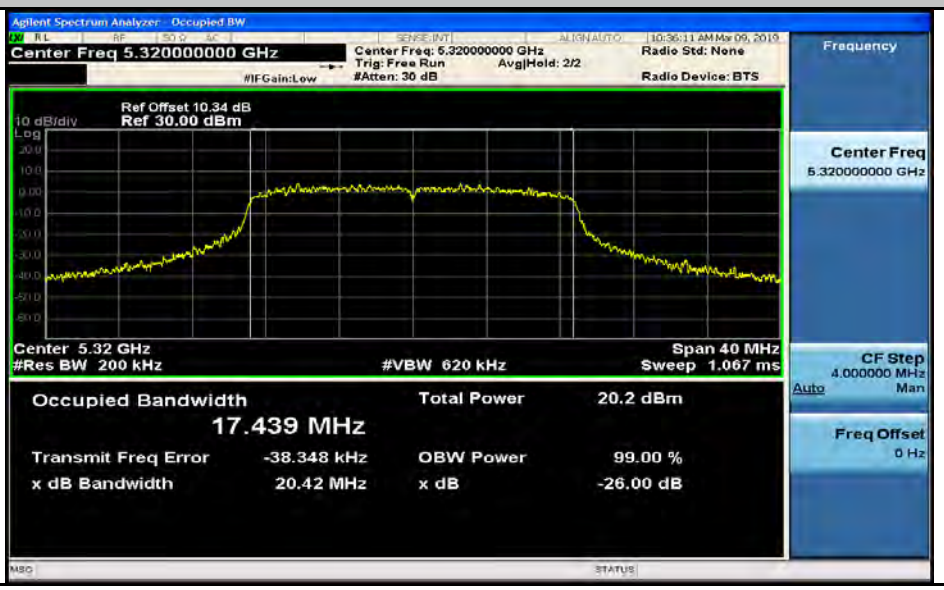
(26dB)Emission Bandwidth Measurement_11AC20_5260_Ant1



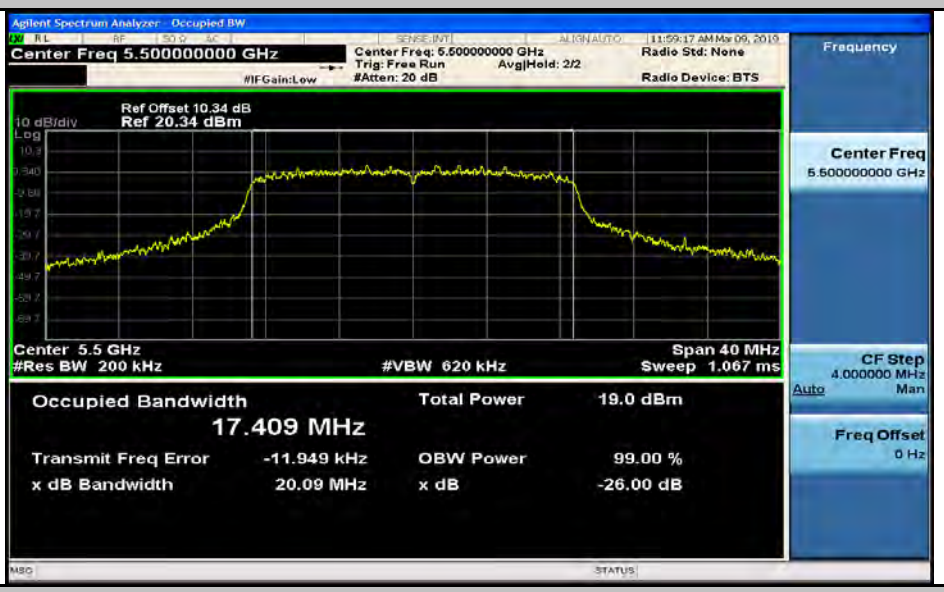

(26dB)Emission Bandwidth Measurement_11AC20_5280_Ant1



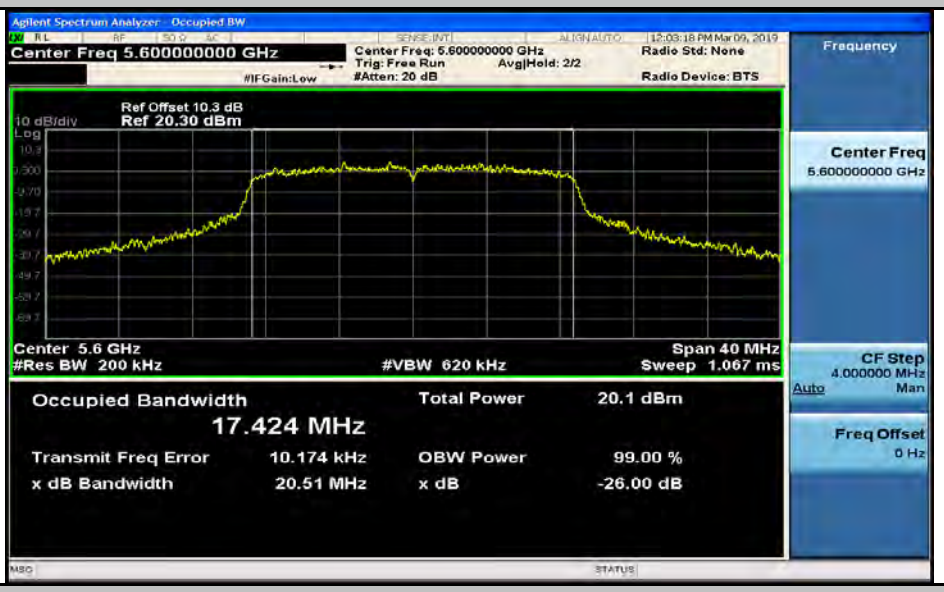

(26dB)Emission Bandwidth Measurement_11AC20_5320_Ant1



(26dB)Emission Bandwidth Measurement_11AC20_5500_Ant1

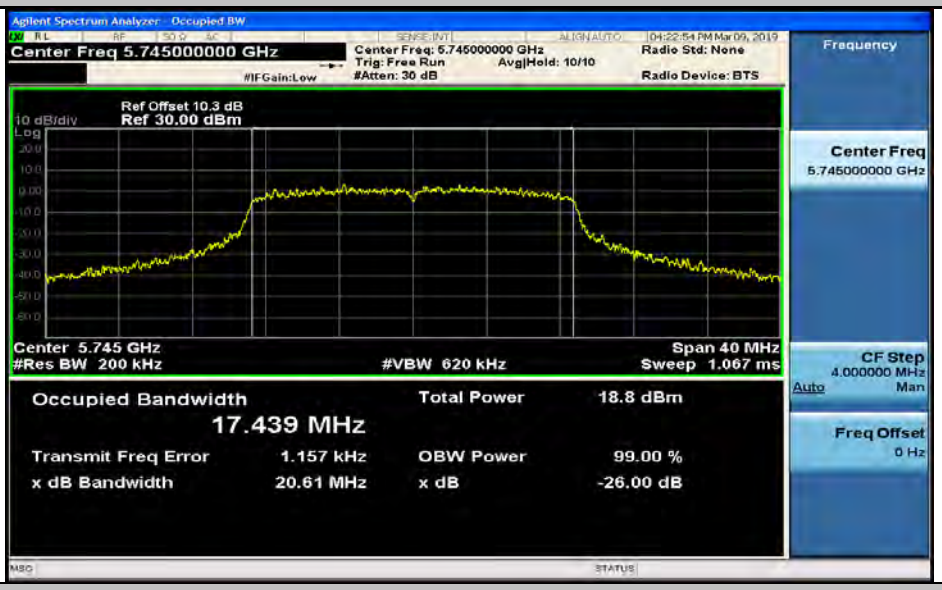



(26dB)Emission Bandwidth Measurement_11AC20_5600_Ant1

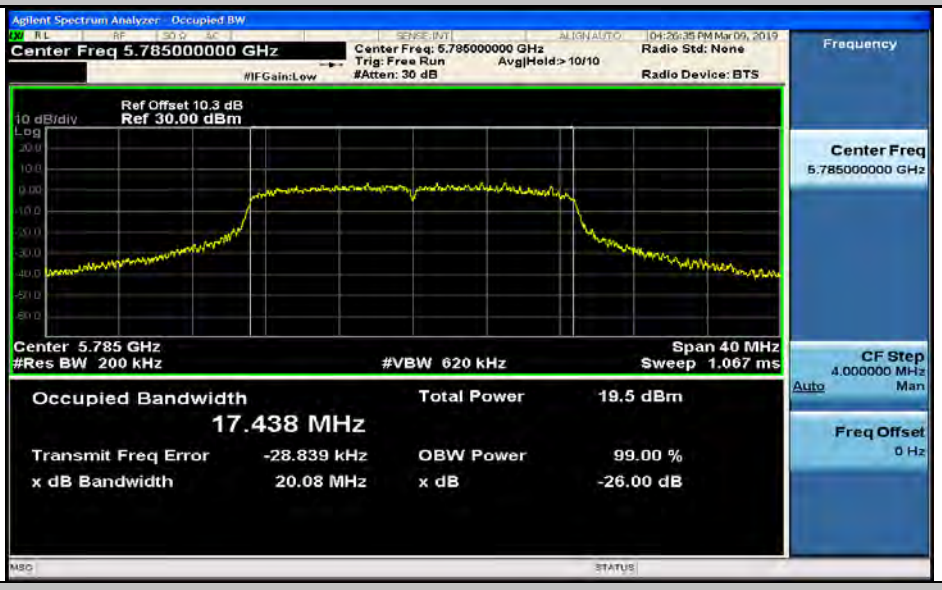



(26dB)Emission Bandwidth Measurement_11AC20_5700_Ant1

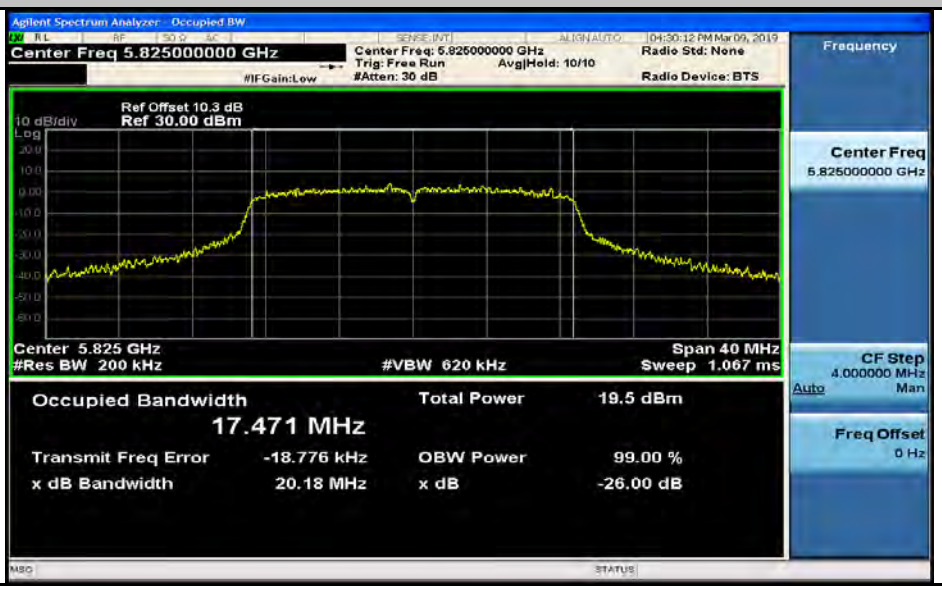
(26dB)Emission Bandwidth Measurement_11AC20_5745_Ant1



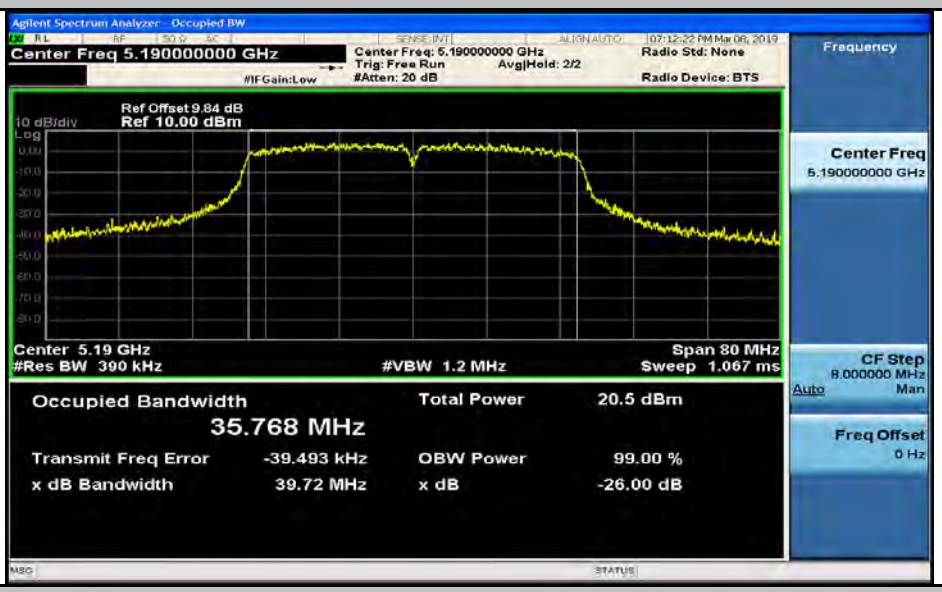

(26dB)Emission Bandwidth Measurement_11AC20_5785_Ant1



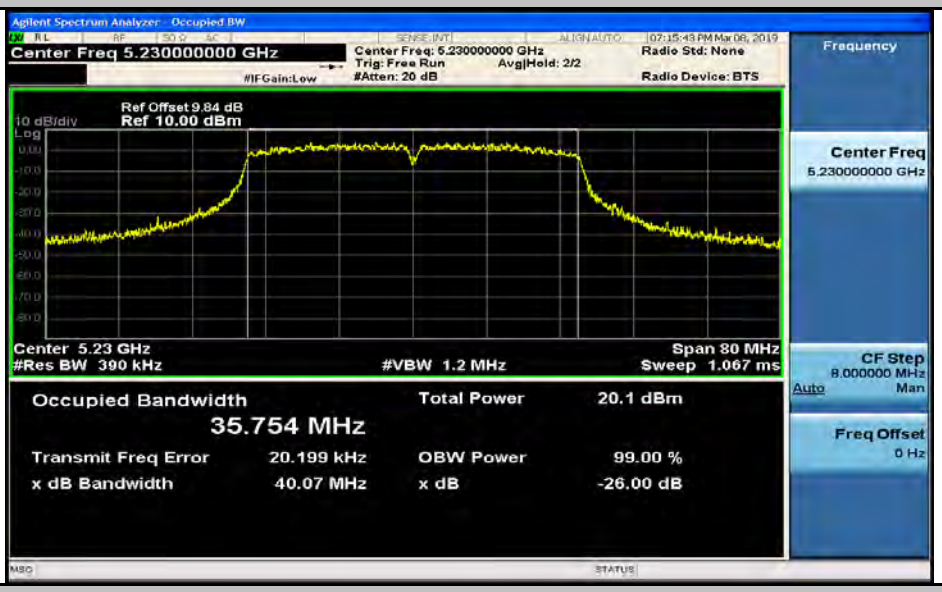

(26dB)Emission Bandwidth Measurement_11AC20_5825_Ant1



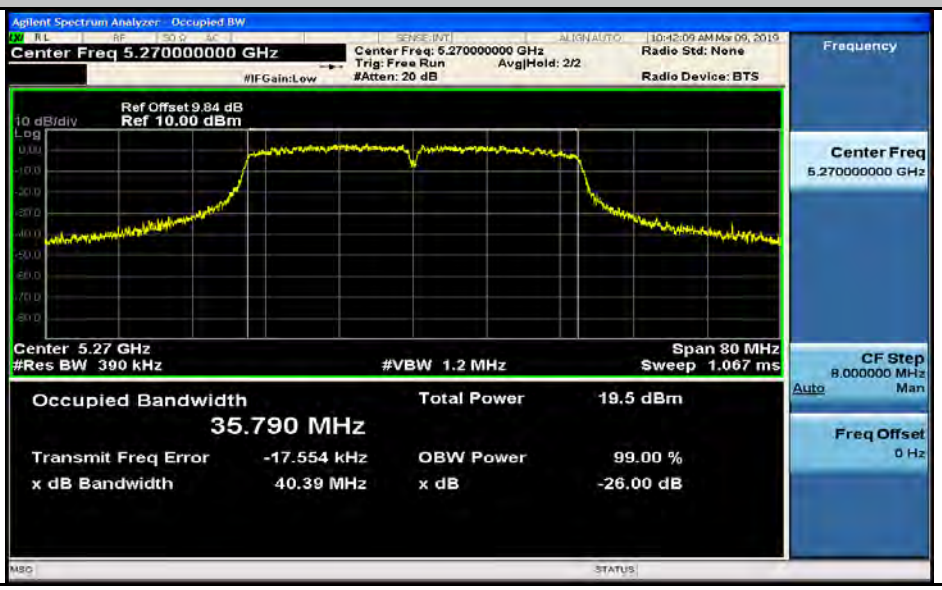
(26dB)Emission Bandwidth Measurement_11AC40_5190_Ant1



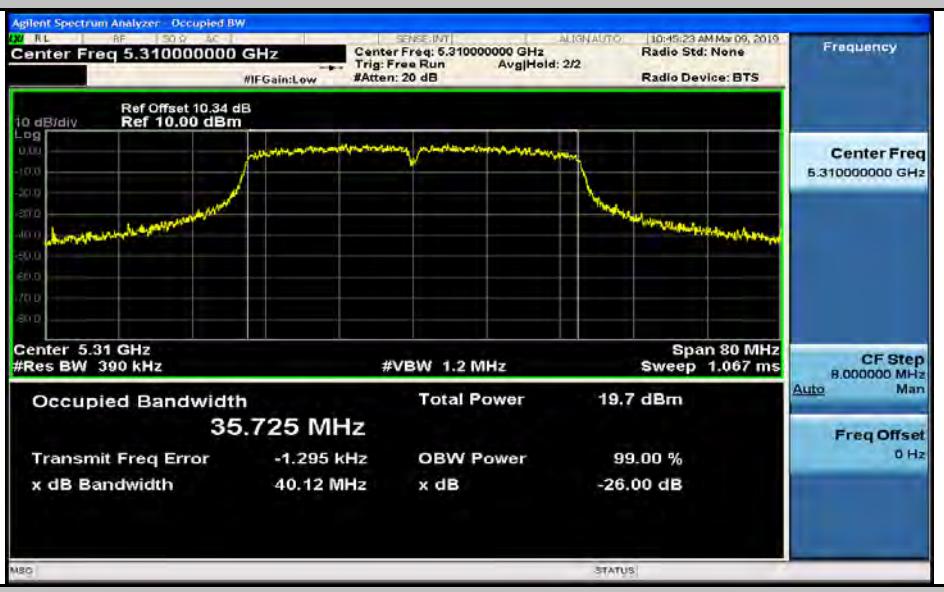

(26dB)Emission Bandwidth Measurement_11AC40_5230_Ant1



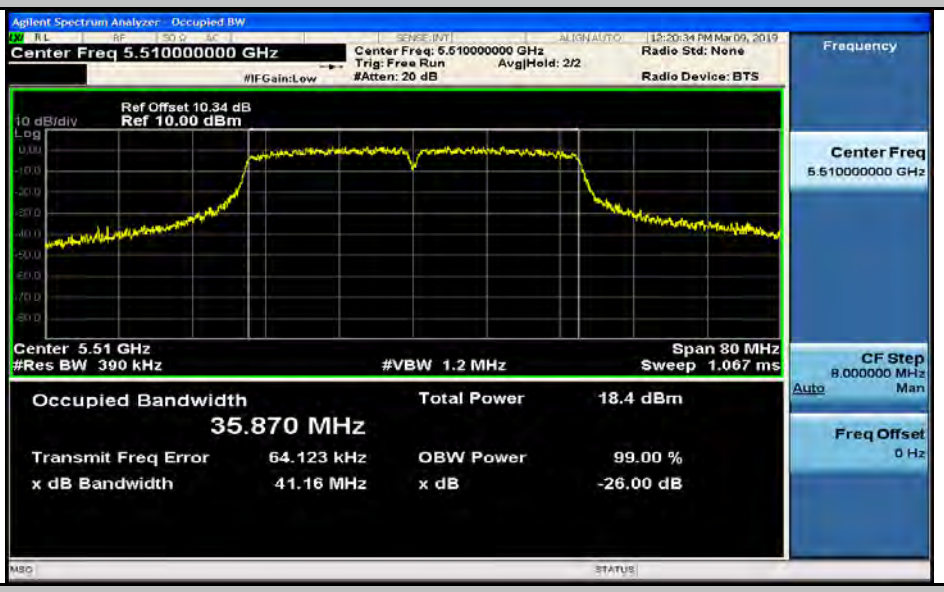

(26dB)Emission Bandwidth Measurement_11AC40_5270_Ant1



(26dB)Emission Bandwidth Measurement_11AC40_5310_Ant1




(26dB)Emission Bandwidth Measurement_11AC40_5510_Ant1



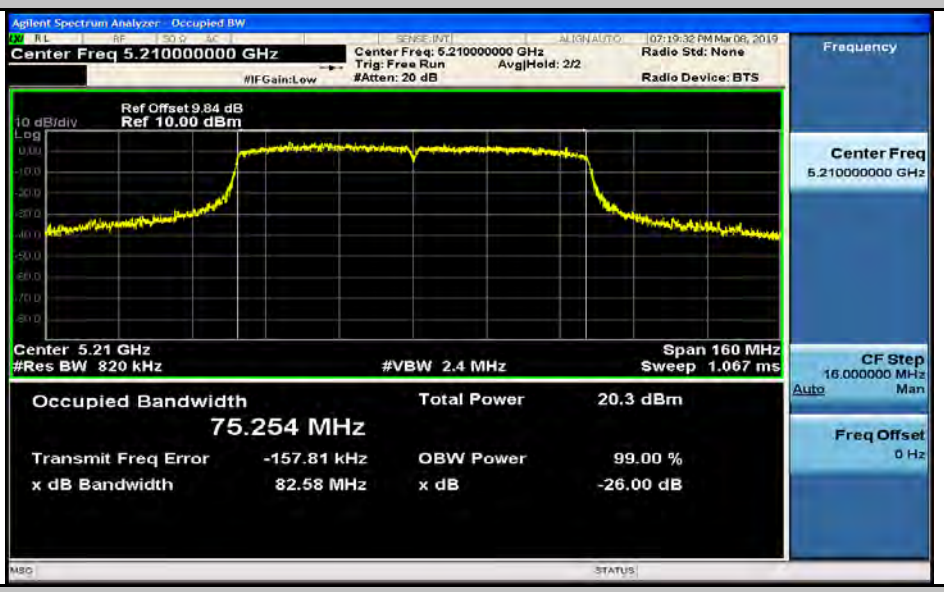

(26dB)Emission Bandwidth Measurement_11AC40_5590_Ant1

(26dB)Emission Bandwidth Measurement_11AC40_5670_Ant1

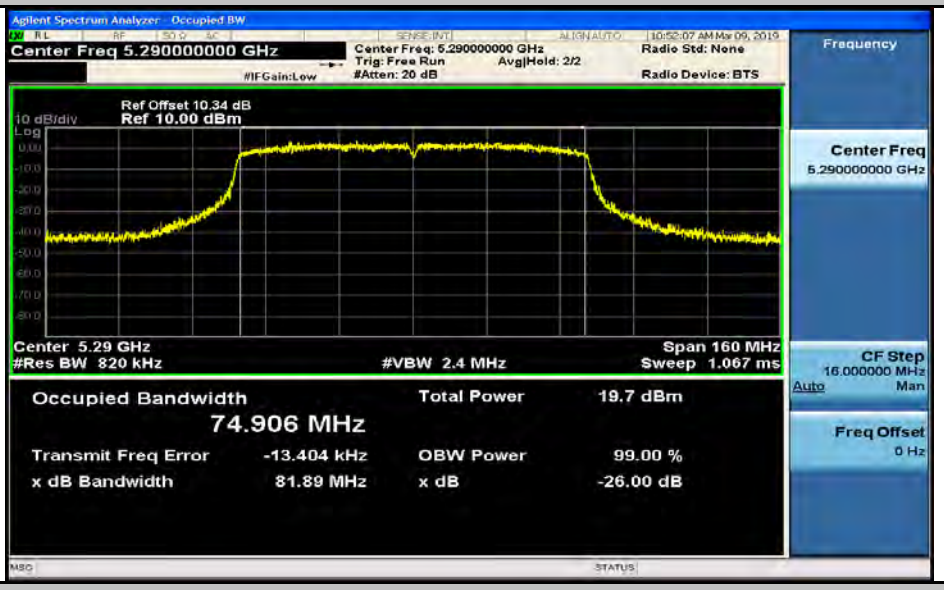
(26dB)Emission Bandwidth Measurement_11AC40_5755_Ant1

(26dB)Emission Bandwidth Measurement_11AC40_5795_Ant1

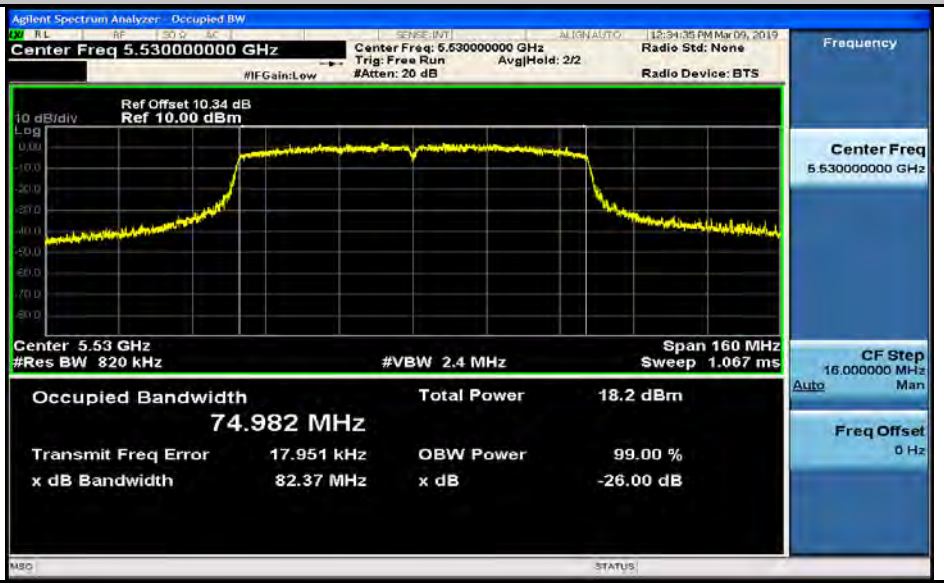
(26dB)Emission Bandwidth Measurement_11AC80_5210_Ant1



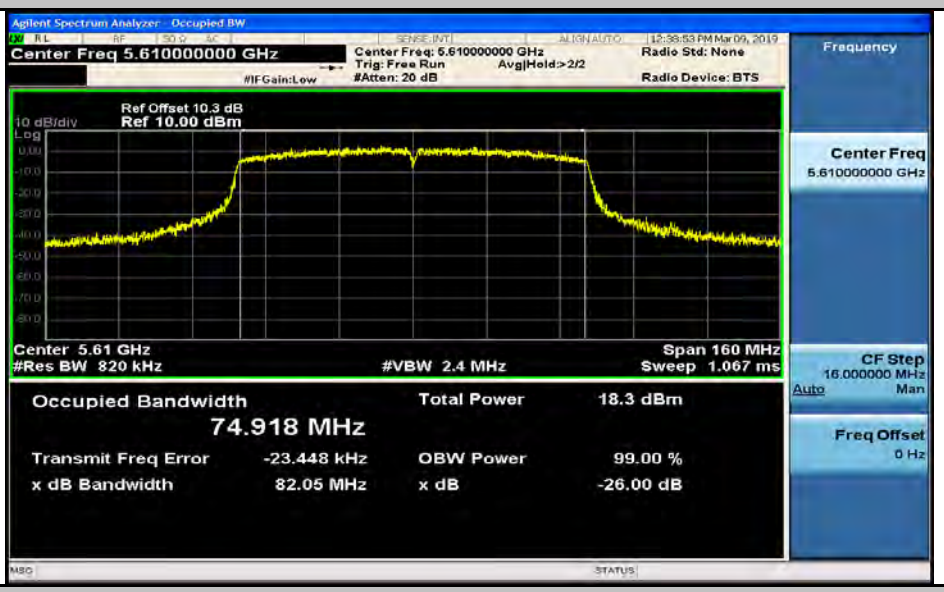

(26dB)Emission Bandwidth Measurement_11AC80_5290_Ant1




(26dB)Emission Bandwidth Measurement_11AC80_5530_Ant1



(26dB)Emission Bandwidth Measurement_11AC80_5610_Ant1



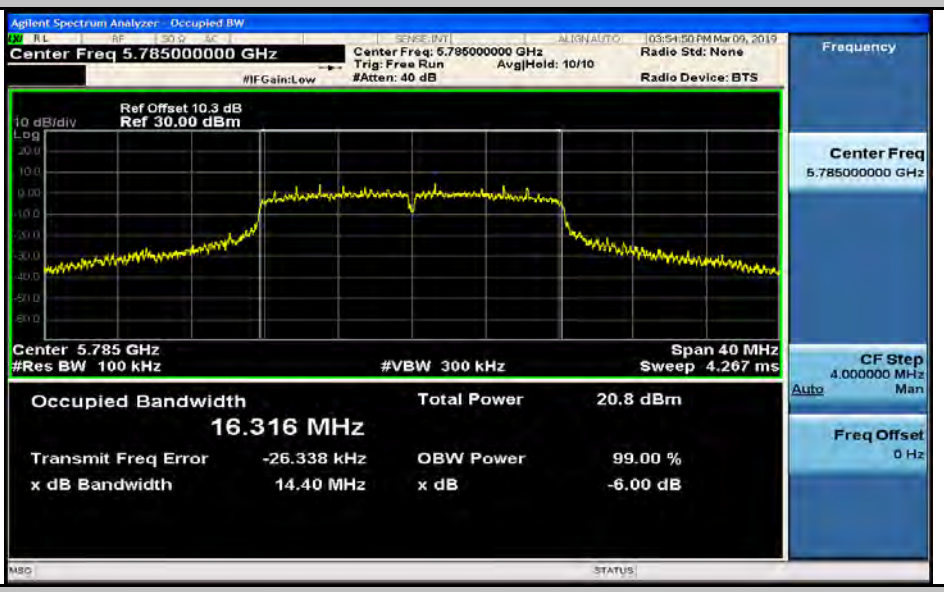

(26dB)Emission Bandwidth Measurement_11AC80_5775_Ant1

**2.(6dB)Minimum Emission Bandwidth Measurement**

| Test Mode | Test Channel | Ant | (6dB)EBW[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|
| 11A | 5745 | Ant1 | 14.46 | 0.5 | PASS |
| 11A | 5785 | Ant1 | 14.40 | 0.5 | PASS |
| 11A | 5825 | Ant1 | 14.41 | 0.5 | PASS |
| 11N20 | 5745 | Ant1 | 15.00 | 0.5 | PASS |
| 11N20 | 5785 | Ant1 | 15.11 | 0.5 | PASS |
| 11N20 | 5825 | Ant1 | 15.63 | 0.5 | PASS |
| 11N40 | 5755 | Ant1 | 35.02 | 0.5 | PASS |
| 11N40 | 5795 | Ant1 | 34.99 | 0.5 | PASS |
| 11AC20 | 5745 | Ant1 | 14.67 | 0.5 | PASS |
| 11AC20 | 5785 | Ant1 | 15.08 | 0.5 | PASS |
| 11AC20 | 5825 | Ant1 | 14.73 | 0.5 | PASS |
| 11AC40 | 5755 | Ant1 | 33.91 | 0.5 | PASS |
| 11AC40 | 5795 | Ant1 | 35.09 | 0.5 | PASS |
| 11AC80 | 5775 | Ant1 | 75.04 | 0.5 | PASS |

(6dB)Minimum Emission Bandwidth Measurement_11A_5745_Ant1

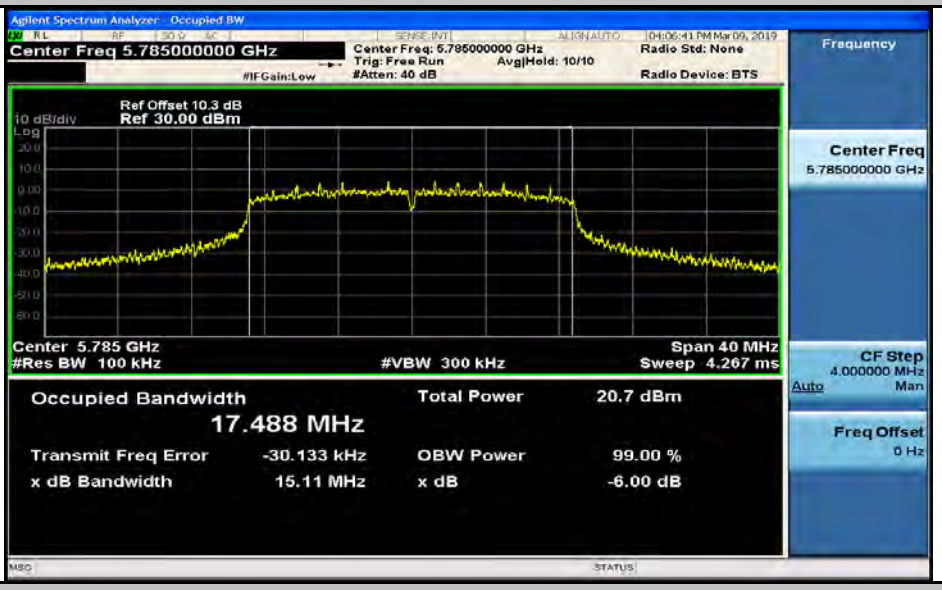
(6dB)Minimum Emission Bandwidth Measurement_11A_5785_Ant1




(6dB)Minimum Emission Bandwidth Measurement_11A_5825_Ant1

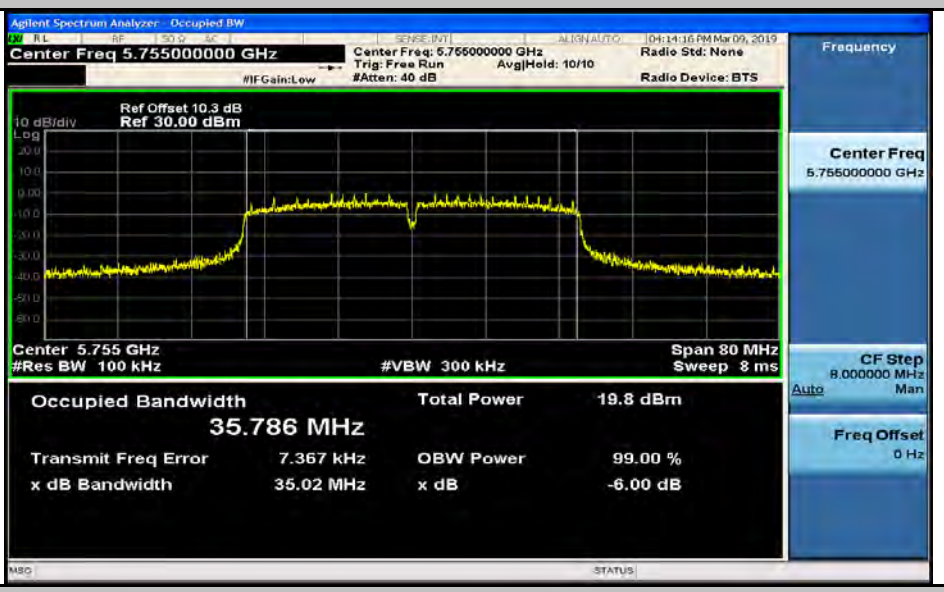
(6dB)Minimum Emission Bandwidth Measurement_11N20_5745_Ant1

(6dB)Minimum Emission Bandwidth Measurement_11N20_5785_Ant1

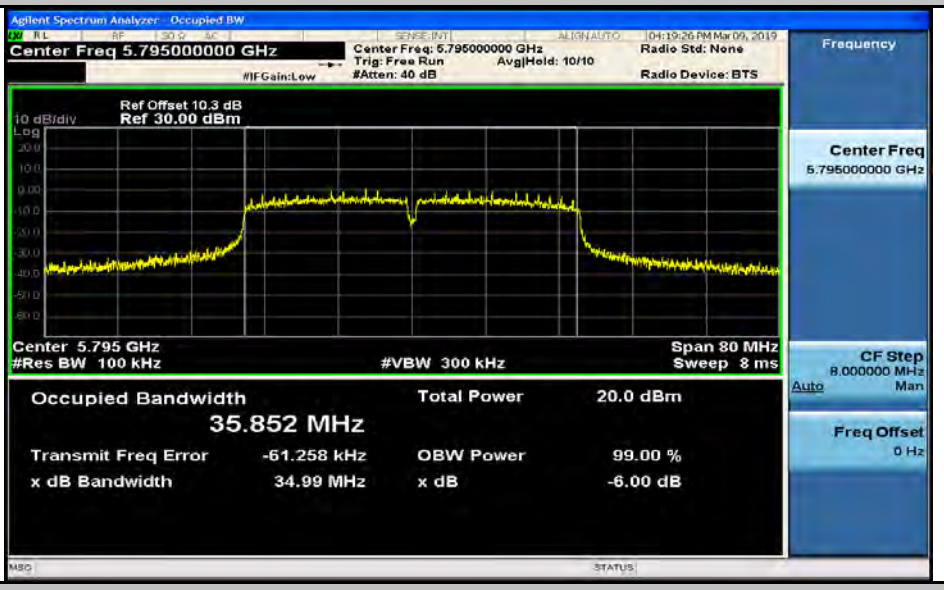



(6dB)Minimum Emission Bandwidth Measurement_11N20_5825_Ant1

(6dB)Minimum Emission Bandwidth Measurement_11N40_5755_Ant1



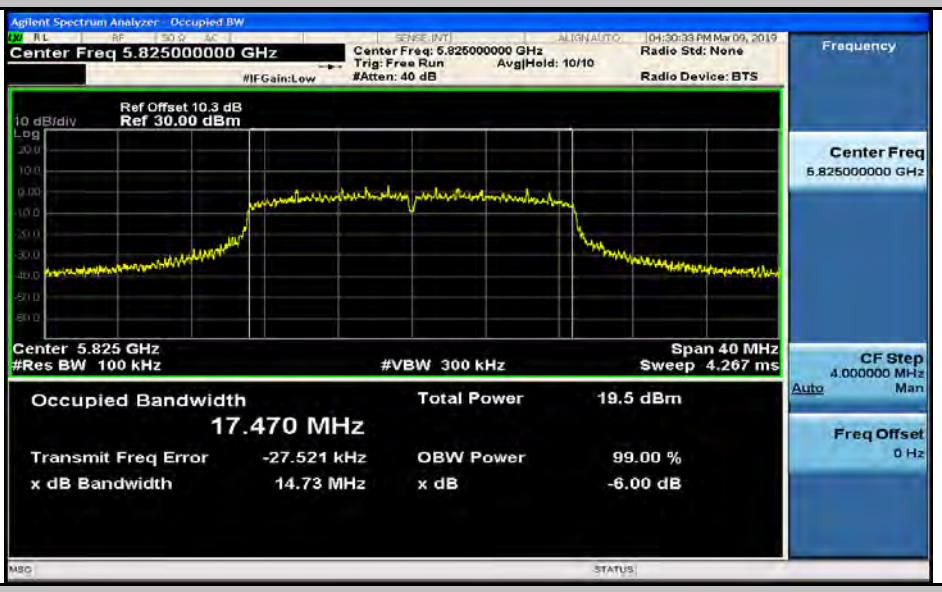

(6dB)Minimum Emission Bandwidth Measurement_11N40_5795_Ant1



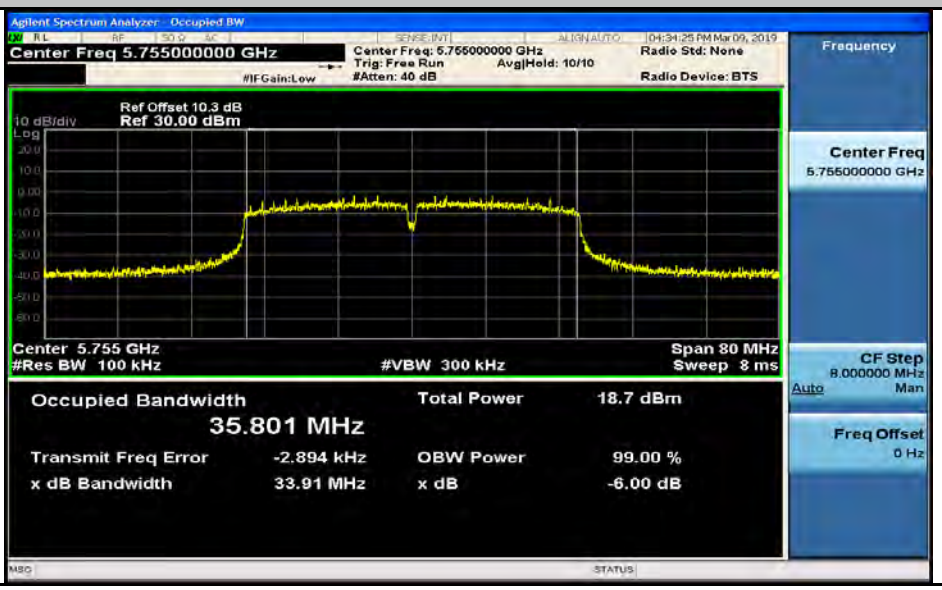

(6dB)Minimum Emission Bandwidth Measurement_11AC20_5745_Ant1

(6dB)Minimum Emission Bandwidth Measurement_11AC20_5785_Ant1

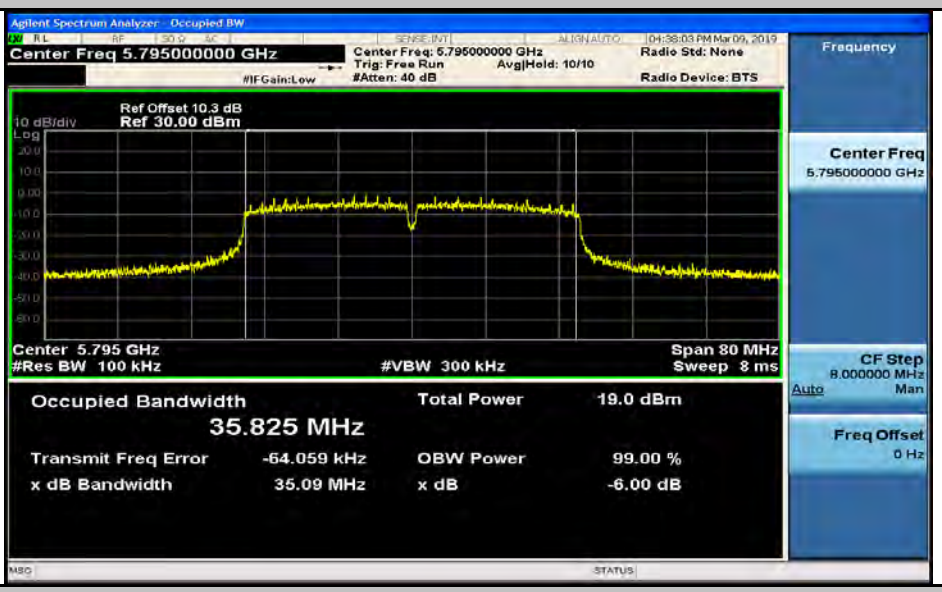
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5825_Ant1



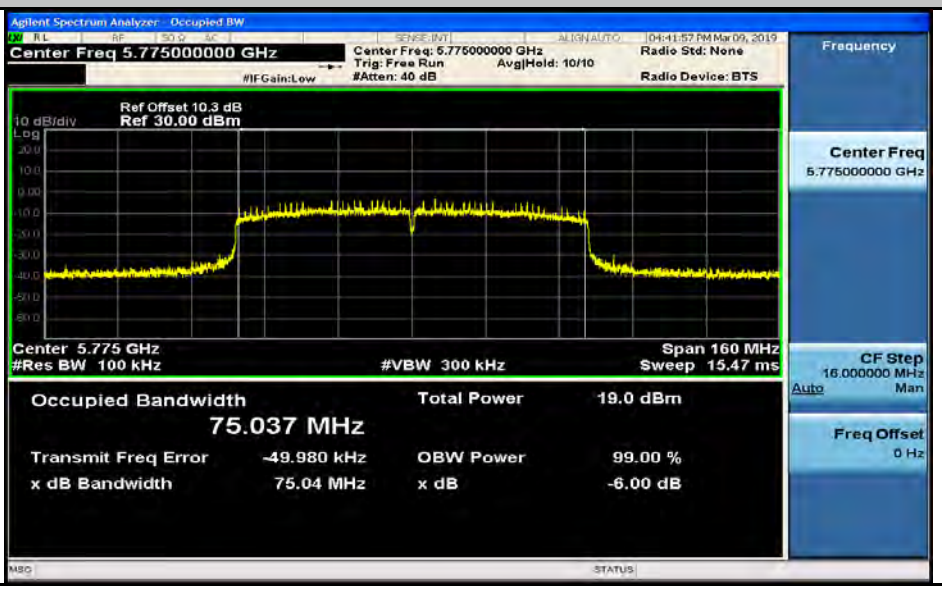

(6dB)Minimum Emission Bandwidth Measurement_11AC40_5755_Ant1



(6dB)Minimum Emission Bandwidth Measurement_11AC40_5795_Ant1




(6dB)Minimum Emission Bandwidth Measurement_11AC80_5775_Ant1



**3.Occupied Bandwidth Measurement**

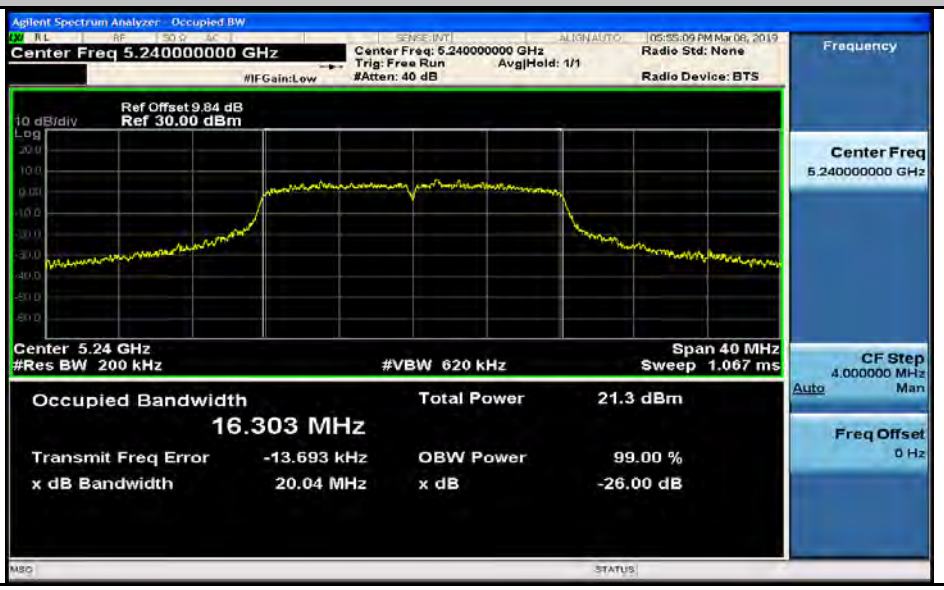
| Test Mode | Test Channel | Ant | OBW[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|
| 11A | 5180 | Ant1 | 16.29 | --- | PASS |
| 11A | 5220 | Ant1 | 16.29 | --- | PASS |
| 11A | 5240 | Ant1 | 16.30 | --- | PASS |
| 11A | 5260 | Ant1 | 16.29 | --- | PASS |
| 11A | 5280 | Ant1 | 16.31 | --- | PASS |
| 11A | 5320 | Ant1 | 16.33 | --- | PASS |
| 11A | 5500 | Ant1 | 17.51 | --- | PASS |
| 11A | 5600 | Ant1 | 17.49 | --- | PASS |
| 11A | 5700 | Ant1 | 17.49 | --- | PASS |
| 11A | 5745 | Ant1 | 16.40 | --- | PASS |
| 11A | 5785 | Ant1 | 16.42 | --- | PASS |
| 11A | 5825 | Ant1 | 16.41 | --- | PASS |
| 11N20 | 5180 | Ant1 | 17.42 | --- | PASS |
| 11N20 | 5220 | Ant1 | 17.45 | --- | PASS |
| 11N20 | 5240 | Ant1 | 17.43 | --- | PASS |
| 11N20 | 5260 | Ant1 | 17.45 | --- | PASS |
| 11N20 | 5280 | Ant1 | 17.49 | --- | PASS |
| 11N20 | 5320 | Ant1 | 17.44 | --- | PASS |
| 11N20 | 5500 | Ant1 | 17.47 | --- | PASS |
| 11N20 | 5600 | Ant1 | 17.51 | --- | PASS |
| 11N20 | 5700 | Ant1 | 17.50 | --- | PASS |
| 11N20 | 5745 | Ant1 | 17.53 | --- | PASS |
| 11N20 | 5785 | Ant1 | 17.52 | --- | PASS |
| 11N20 | 5825 | Ant1 | 17.53 | --- | PASS |
| 11N40 | 5190 | Ant1 | 35.81 | --- | PASS |
| 11N40 | 5230 | Ant1 | 35.85 | --- | PASS |
| 11N40 | 5270 | Ant1 | 35.84 | --- | PASS |
| 11N40 | 5310 | Ant1 | 35.80 | --- | PASS |
| 11N40 | 5510 | Ant1 | 35.94 | --- | PASS |
| 11N40 | 5590 | Ant1 | 35.87 | --- | PASS |
| 11N40 | 5670 | Ant1 | 35.87 | --- | PASS |
| 11N40 | 5755 | Ant1 | 36.07 | --- | PASS |
| 11N40 | 5795 | Ant1 | 36.13 | --- | PASS |
| 11AC20 | 5180 | Ant1 | 17.39 | --- | PASS |
| 11AC20 | 5220 | Ant1 | 17.42 | --- | PASS |
| 11AC20 | 5240 | Ant1 | 17.44 | --- | PASS |
| 11AC20 | 5260 | Ant1 | 17.40 | --- | PASS |

| | | | | | |
|---|---|---|---|---|---|
| 11AC20 | 5280 | Ant1 | 17.43 | --- | PASS |
| 11AC20 | 5320 | Ant1 | 17.42 | --- | PASS |
| 11AC20 | 5500 | Ant1 | 17.45 | --- | PASS |
| 11AC20 | 5600 | Ant1 | 17.45 | --- | PASS |
| 11AC20 | 5700 | Ant1 | 17.49 | --- | PASS |
| 11AC20 | 5745 | Ant1 | 17.47 | --- | PASS |
| 11AC20 | 5785 | Ant1 | 17.48 | --- | PASS |
| 11AC20 | 5825 | Ant1 | 17.49 | --- | PASS |
| 11AC40 | 5190 | Ant1 | 35.77 | --- | PASS |
| 11AC40 | 5230 | Ant1 | 35.76 | --- | PASS |
| 11AC40 | 5270 | Ant1 | 35.84 | --- | PASS |
| 11AC40 | 5310 | Ant1 | 35.76 | --- | PASS |
| 11AC40 | 5510 | Ant1 | 35.91 | --- | PASS |
| 11AC40 | 5590 | Ant1 | 35.84 | --- | PASS |
| 11AC40 | 5670 | Ant1 | 35.90 | --- | PASS |
| 11AC40 | 5755 | Ant1 | 36.02 | --- | PASS |
| 11AC40 | 5795 | Ant1 | 36.11 | --- | PASS |
| 11AC80 | 5210 | Ant1 | 75.32 | --- | PASS |
| 11AC80 | 5290 | Ant1 | 75.13 | --- | PASS |
| 11AC80 | 5530 | Ant1 | 75.20 | --- | PASS |
| 11AC80 | 5610 | Ant1 | 74.98 | --- | PASS |
| 11AC80 | 5775 | Ant1 | 75.04 | --- | PASS |

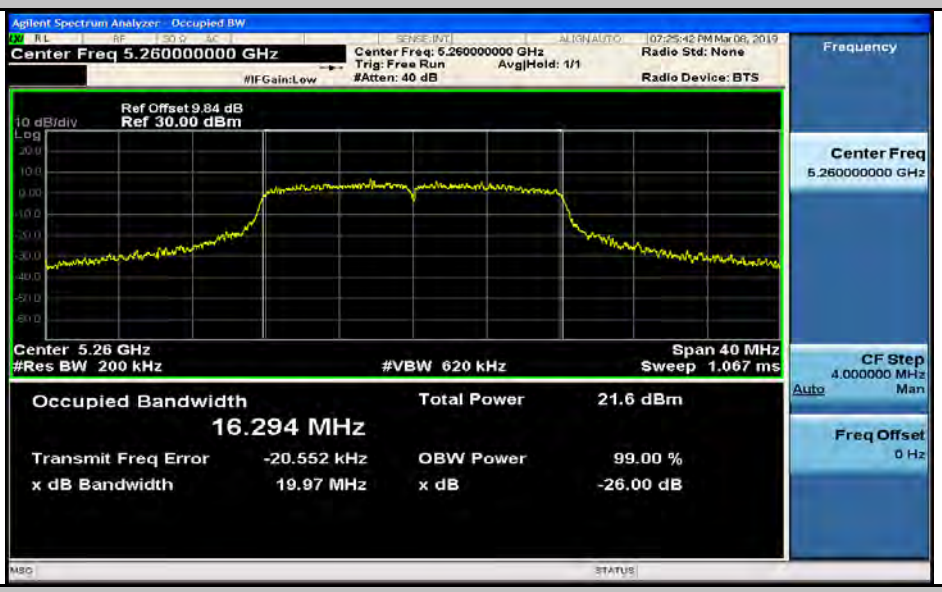
Occupied Bandwidth Measurement_11A_5180_Ant1

Occupied Bandwidth Measurement_11A_5220_Ant1

Occupied Bandwidth Measurement_11A_5240_Ant1



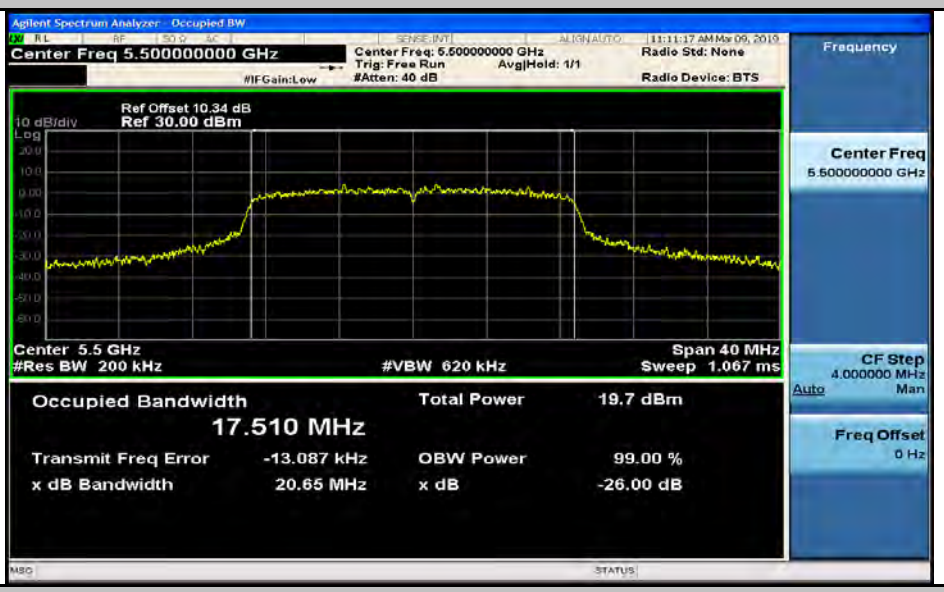
Occupied Bandwidth Measurement_11A_5260_Ant1



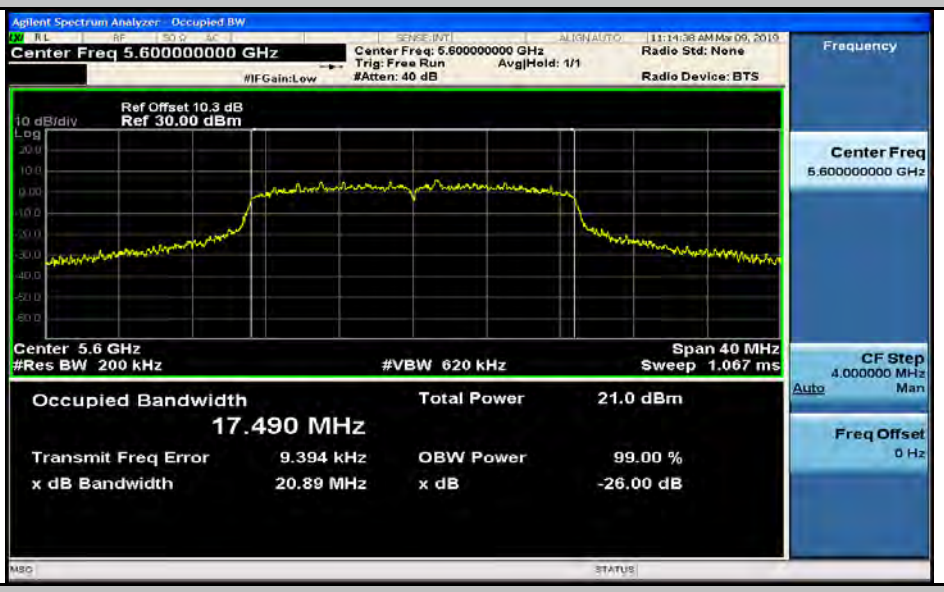

Occupied Bandwidth Measurement_11A_5280_Ant1

Occupied Bandwidth Measurement_11A_5320_Ant1

Occupied Bandwidth Measurement_11A_5500_Ant1




Occupied Bandwidth Measurement_11A_5600_Ant1



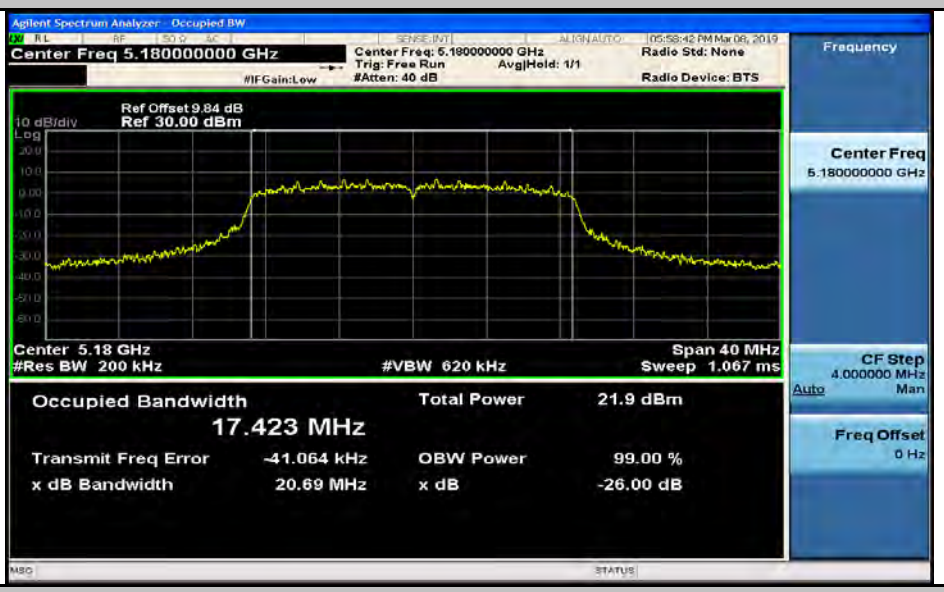

Occupied Bandwidth Measurement_11A_5700_Ant1

Occupied Bandwidth Measurement_11A_5745_Ant1

Occupied Bandwidth Measurement_11A_5785_Ant1

Occupied Bandwidth Measurement_11A_5825_Ant1

Occupied Bandwidth Measurement_11N20_5180_Ant1

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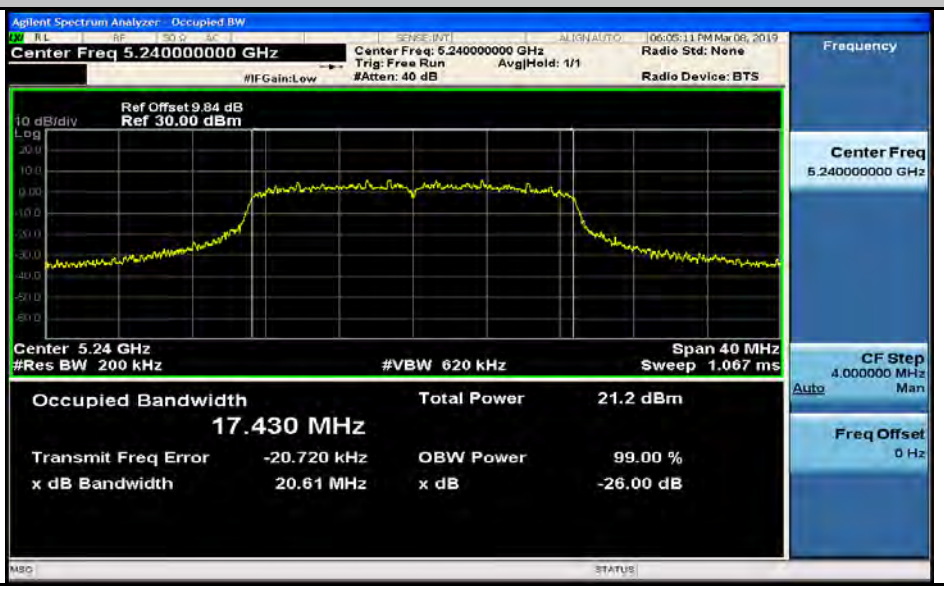
Occupied Bandwidth Measurement_11N20_5240_Ant1



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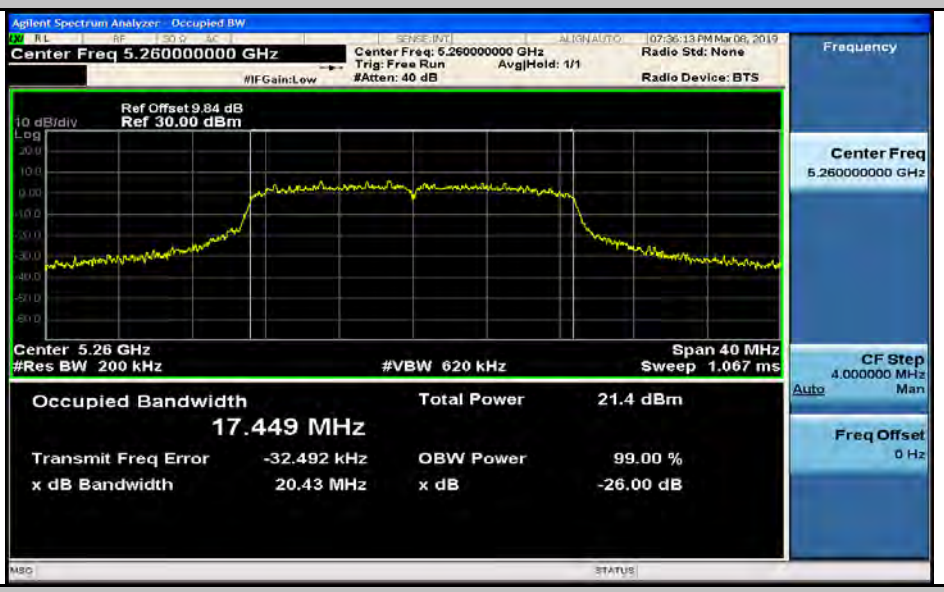
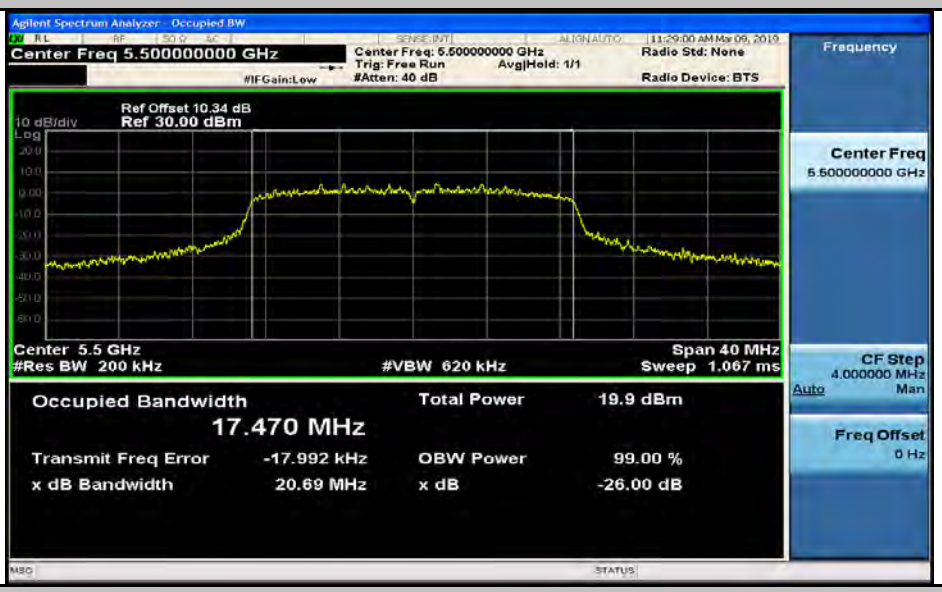



Occupied Bandwidth Measurement_11N20_5280_Ant1

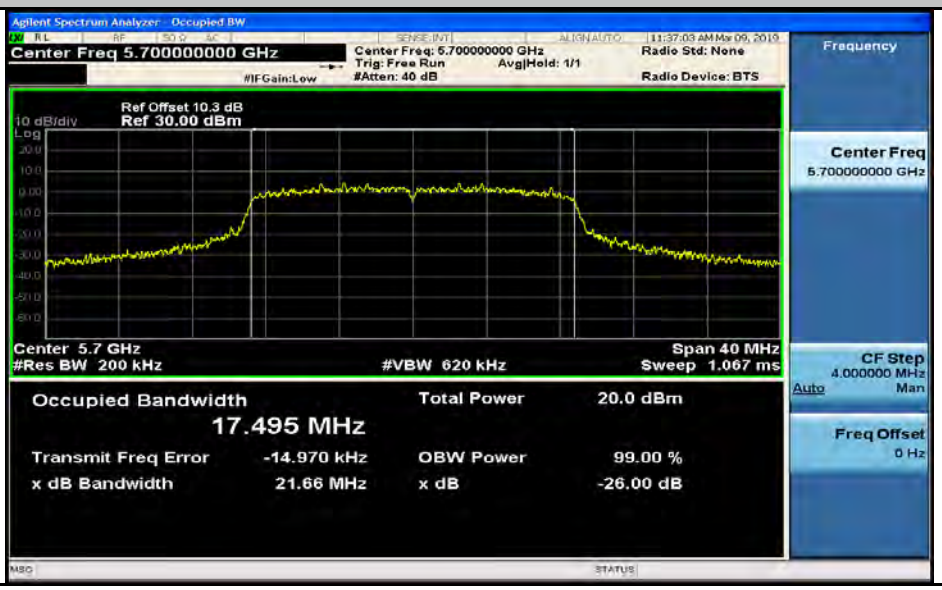
Occupied Bandwidth Measurement_11N20_5320_Ant1

Occupied Bandwidth Measurement_11N20_5500_Ant1




Occupied Bandwidth Measurement_11N20_5600_Ant1

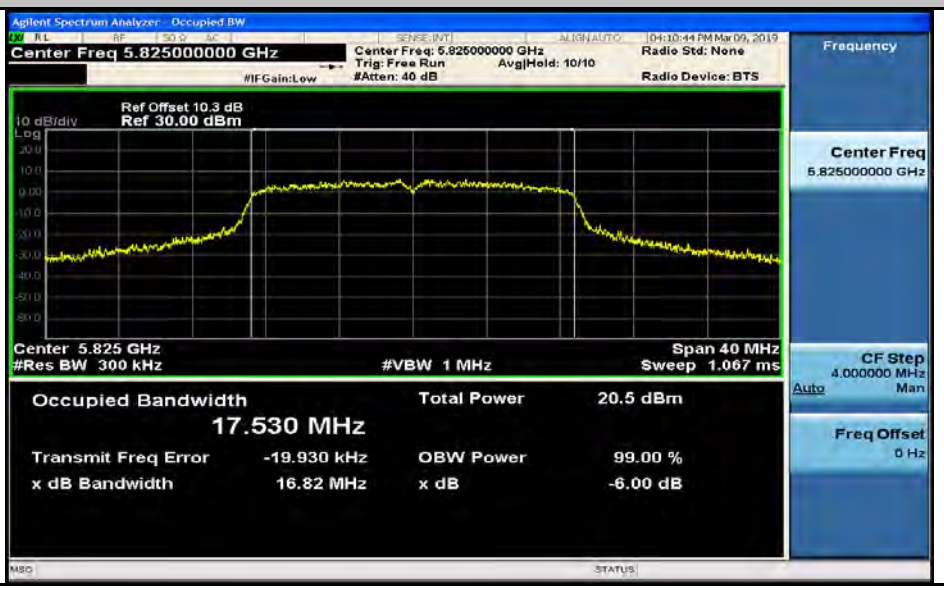
Occupied Bandwidth Measurement_11N20_5700_Ant1



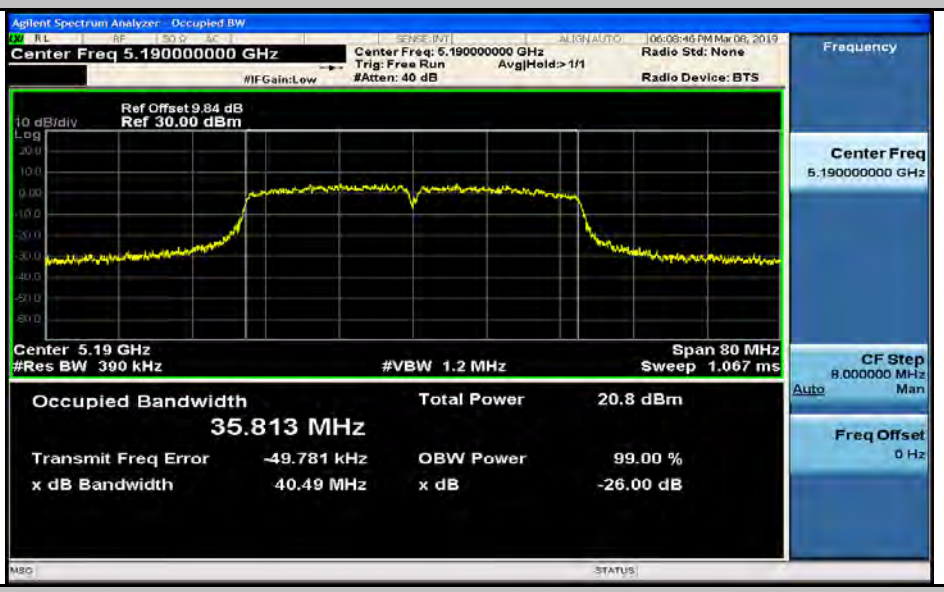
Occupied Bandwidth Measurement_11N20_5745_Ant1

Occupied Bandwidth Measurement_11N20_5785_Ant1

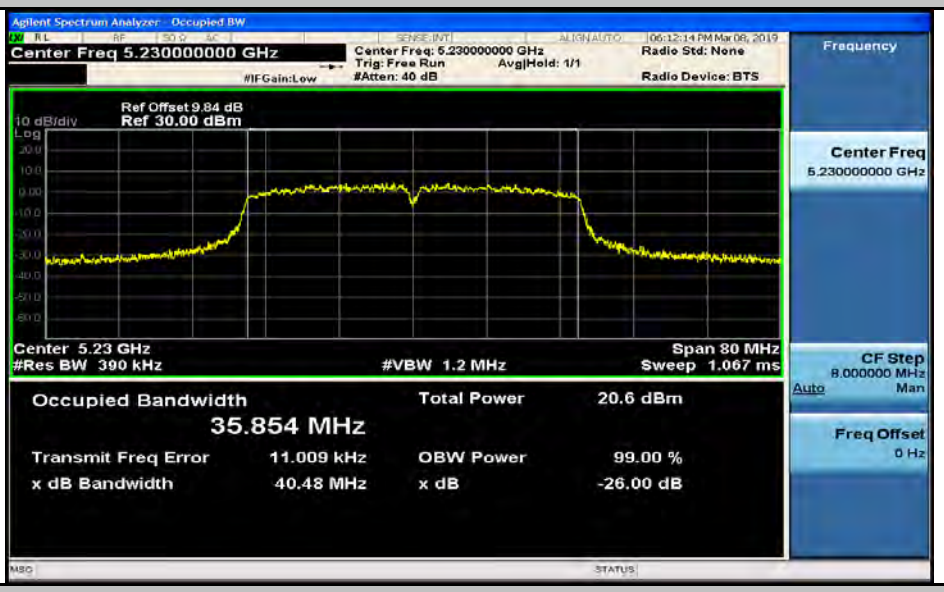
Occupied Bandwidth Measurement_11N20_5825_Ant1



Occupied Bandwidth Measurement_11N40_5190_Ant1

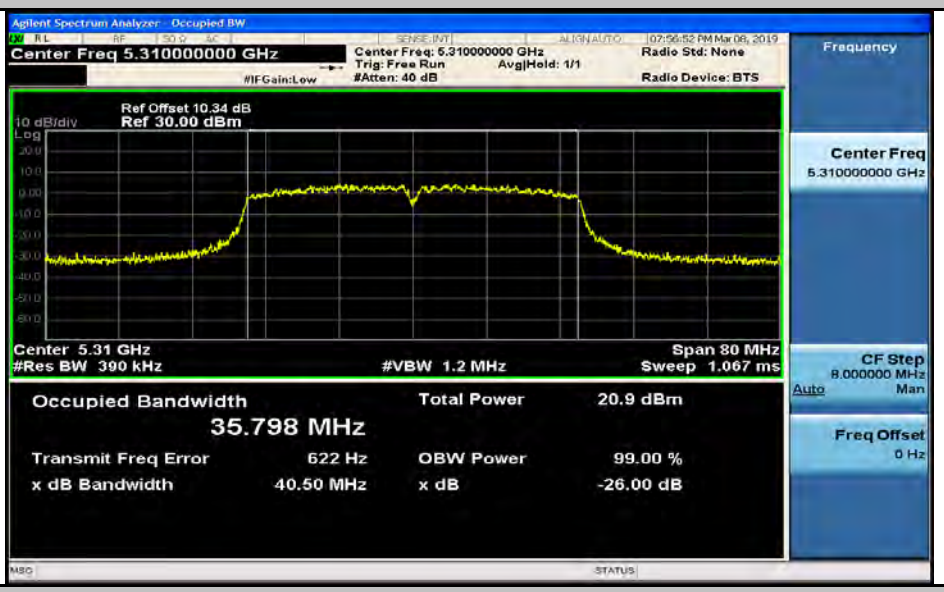



Occupied Bandwidth Measurement_11N40_5230_Ant1




Occupied Bandwidth Measurement_11N40_5270_Ant1

Occupied Bandwidth Measurement_11N40_5310_Ant1

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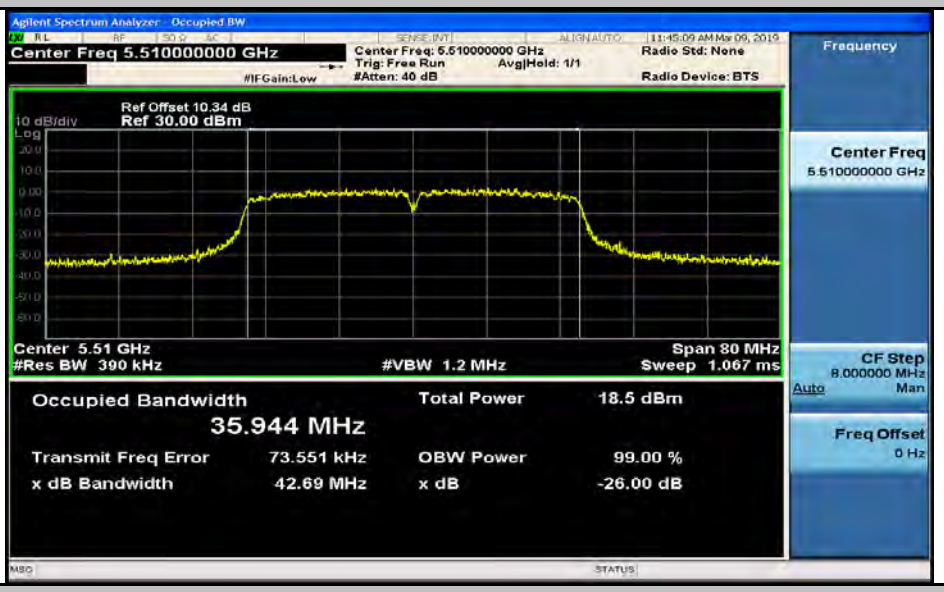


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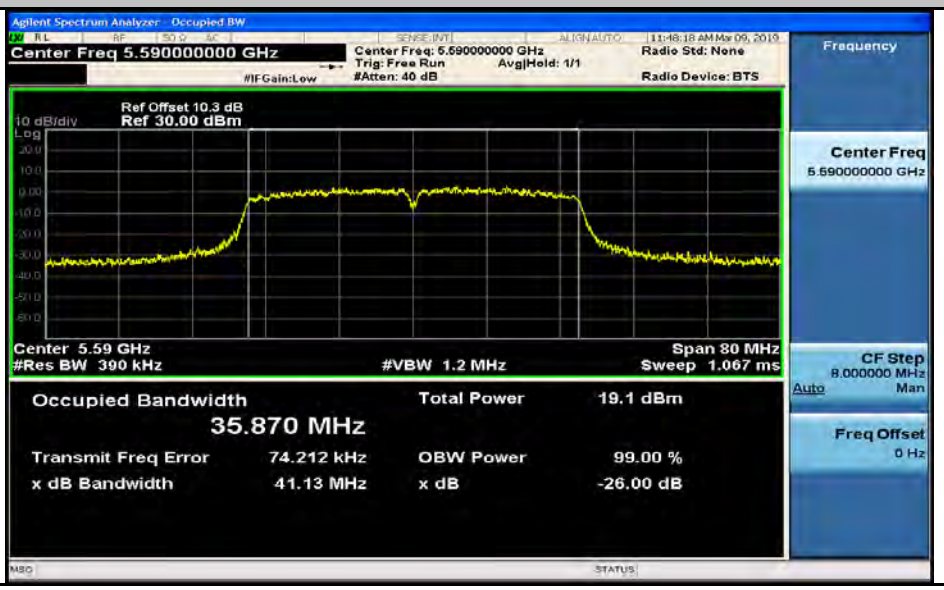
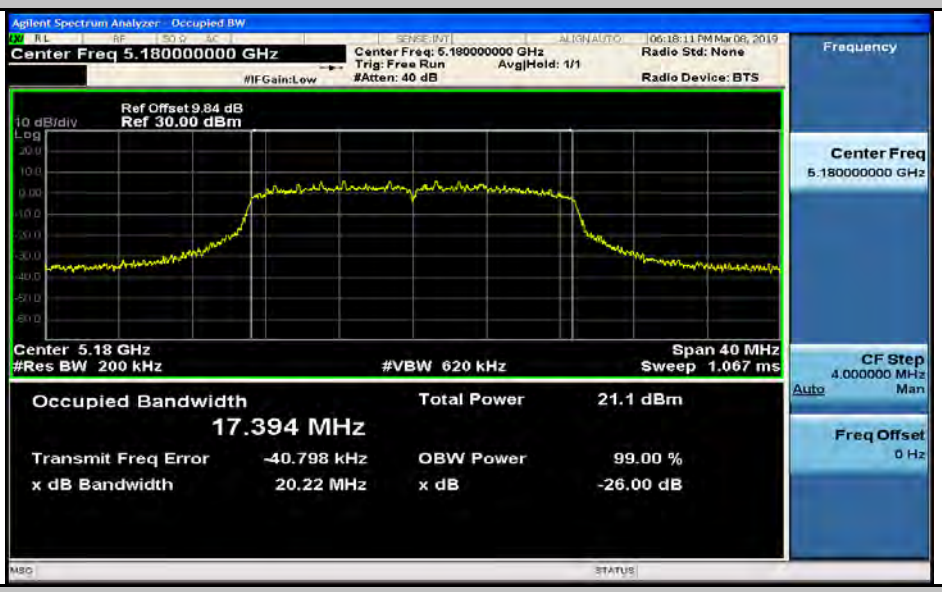


Occupied Bandwidth Measurement_11N40_5670_Ant1

Occupied Bandwidth Measurement_11N40_5755_Ant1

Occupied Bandwidth Measurement_11N40_5795_Ant1

Occupied Bandwidth Measurement_11AC20_5180_Ant1

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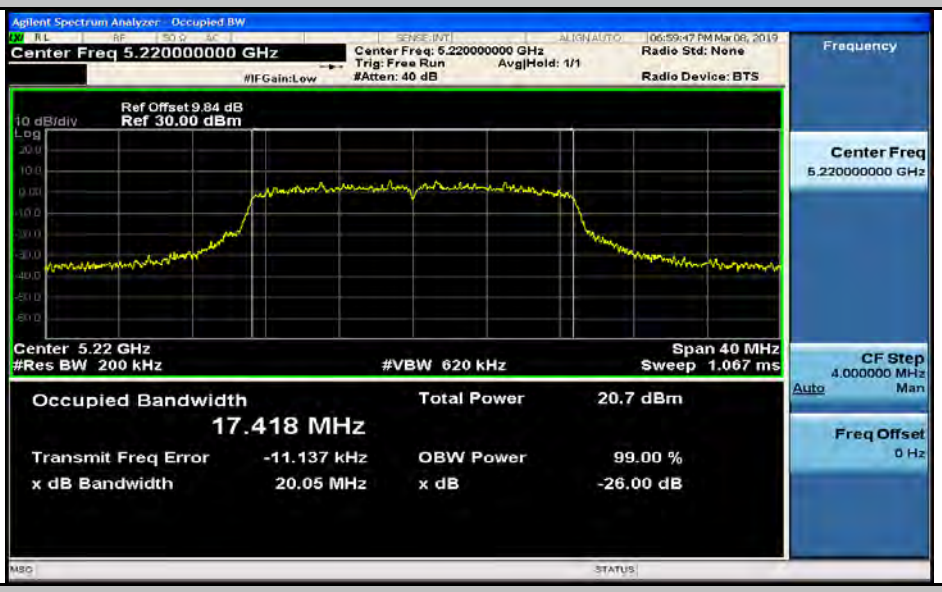


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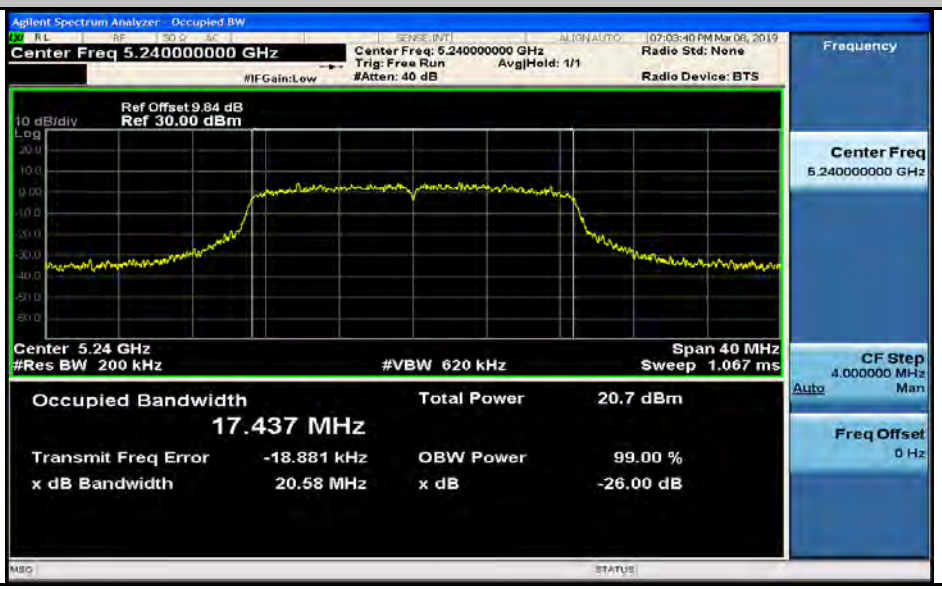

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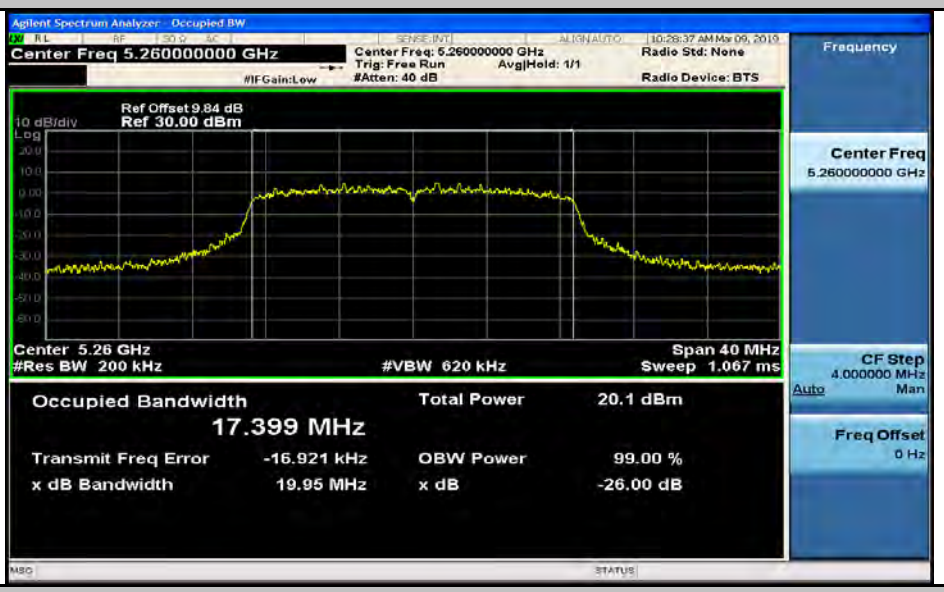


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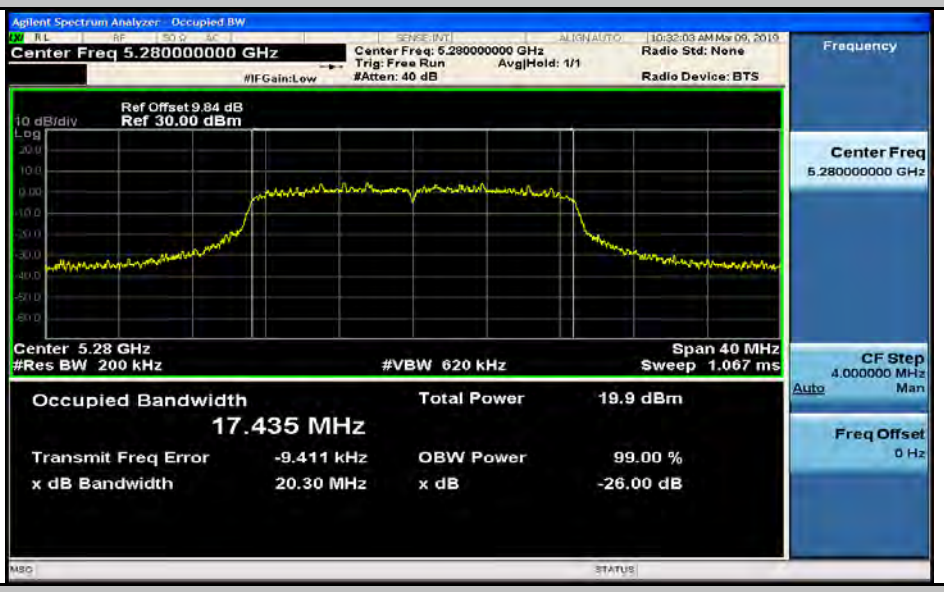


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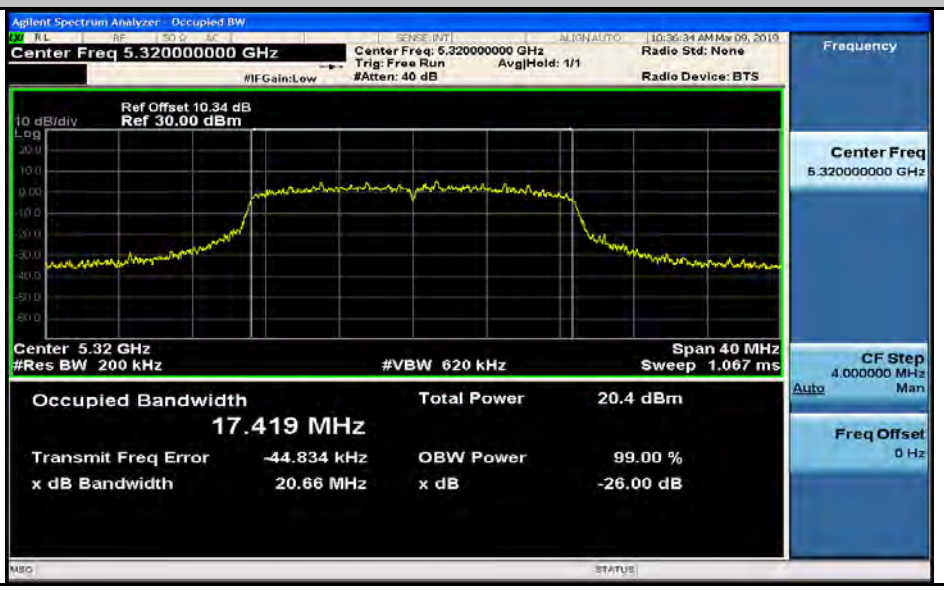
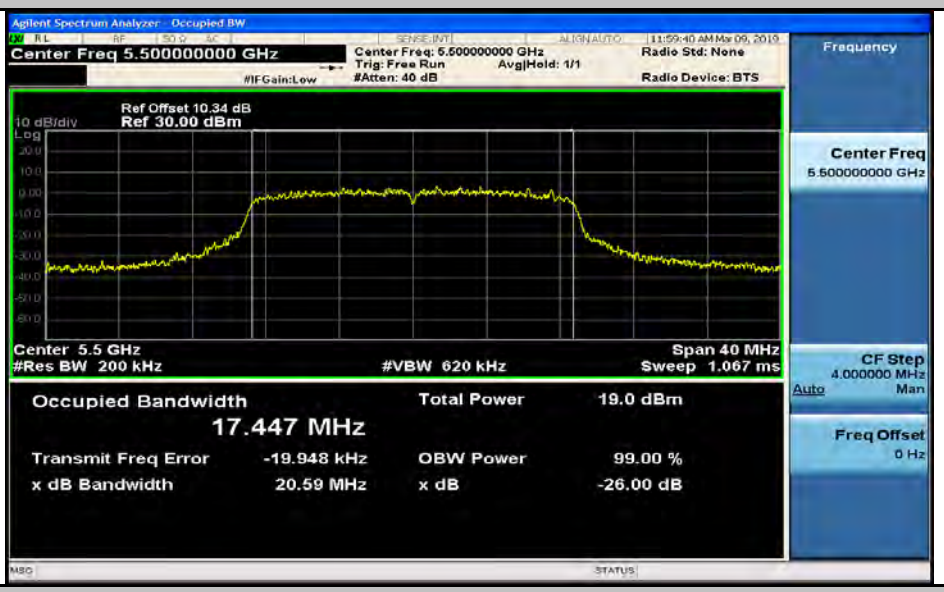
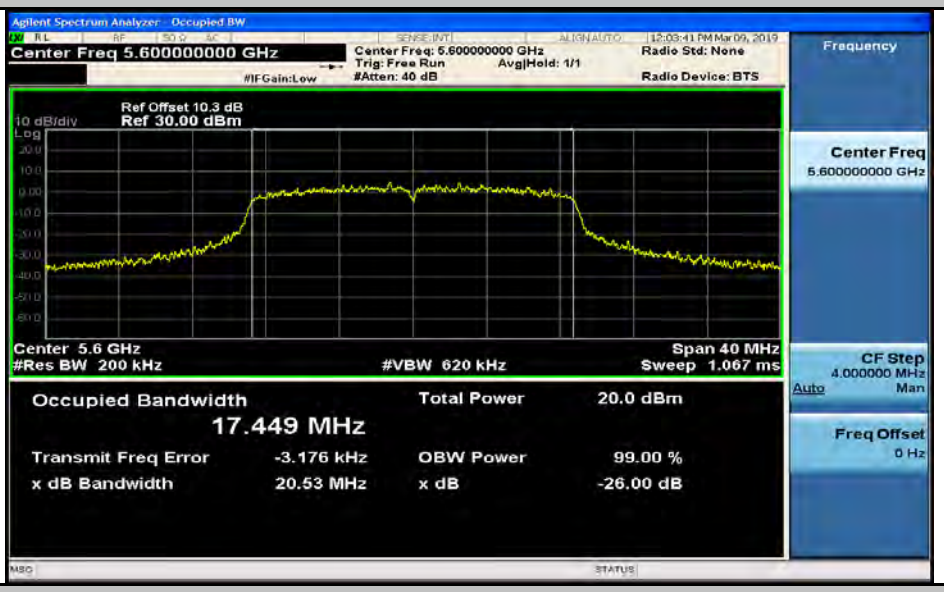


Occupied Bandwidth Measurement_11AC20_5500_Ant1

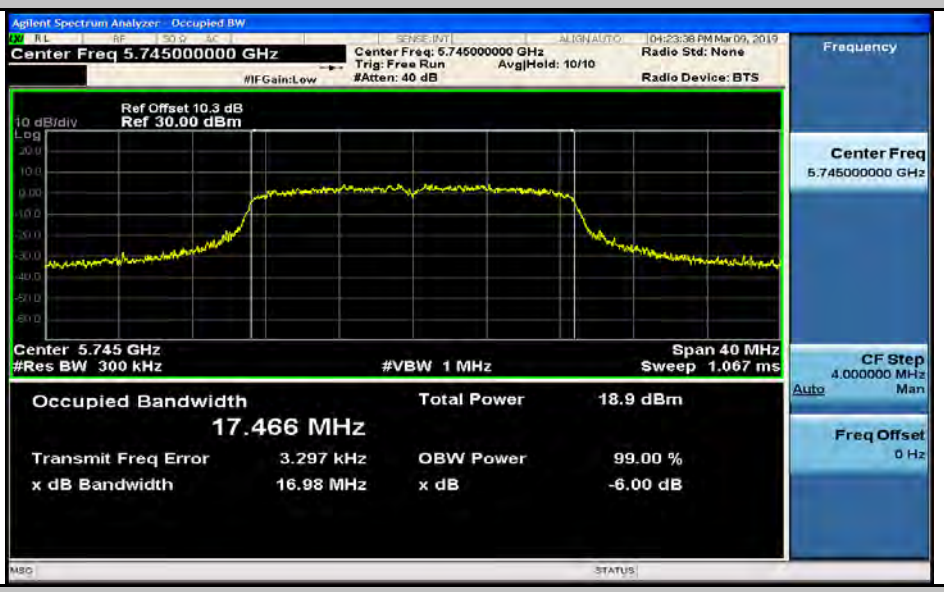



Occupied Bandwidth Measurement_11AC20_5600_Ant1




Occupied Bandwidth Measurement_11AC20_5700_Ant1

Occupied Bandwidth Measurement_11AC20_5745_Ant1

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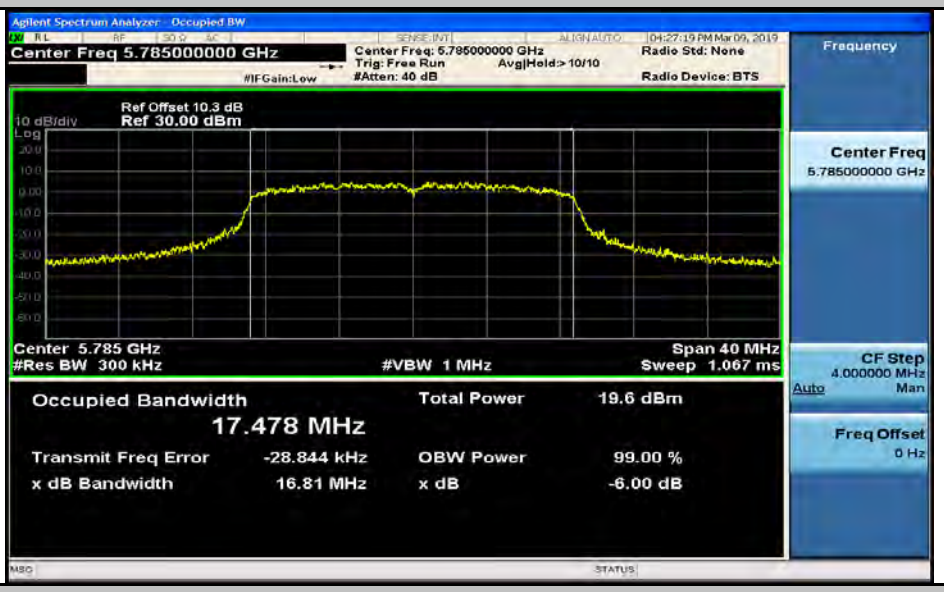
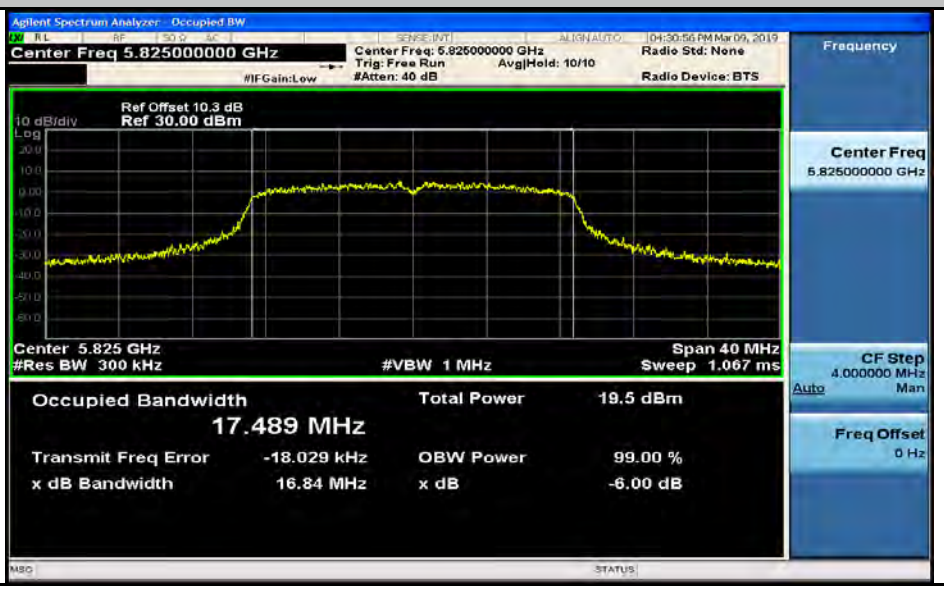
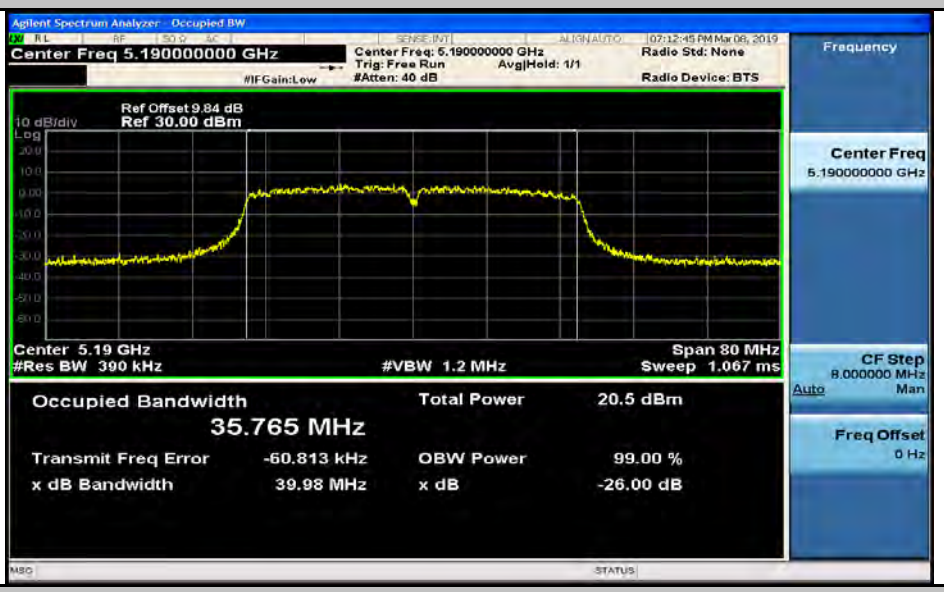


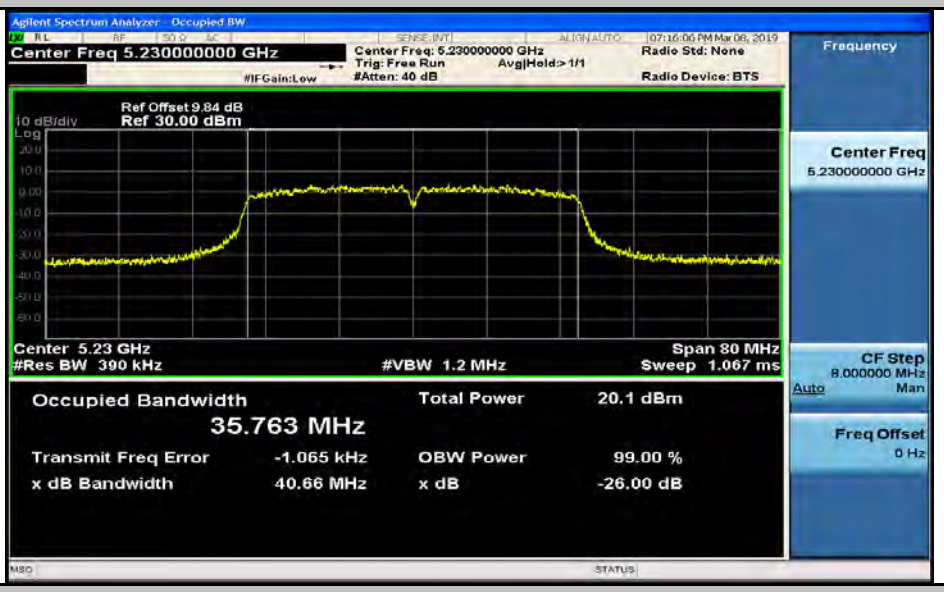

Occupied Bandwidth Measurement_11AC20_5825_Ant1



Occupied Bandwidth Measurement_11AC40_5190_Ant1




Occupied Bandwidth Measurement_11AC40_5230_Ant1

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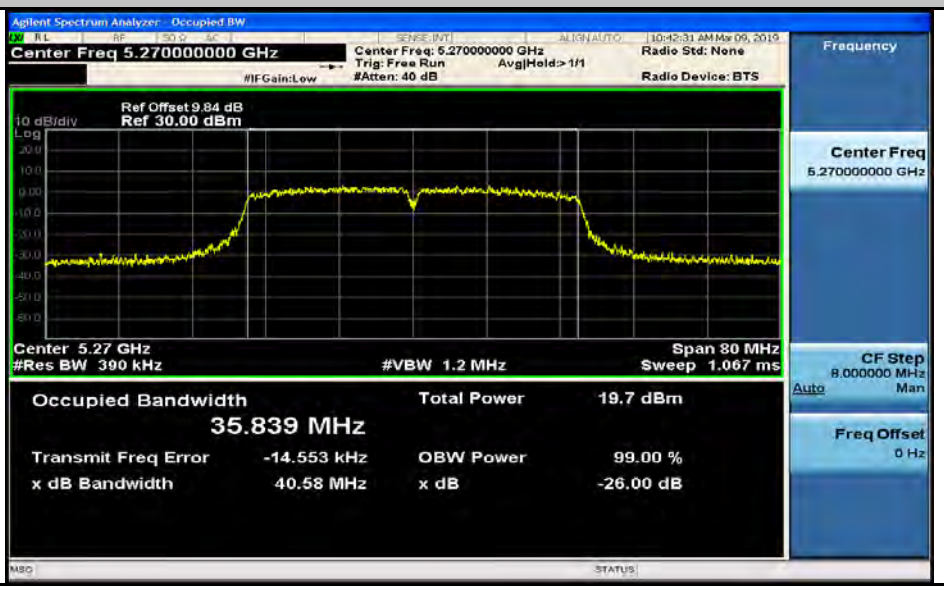

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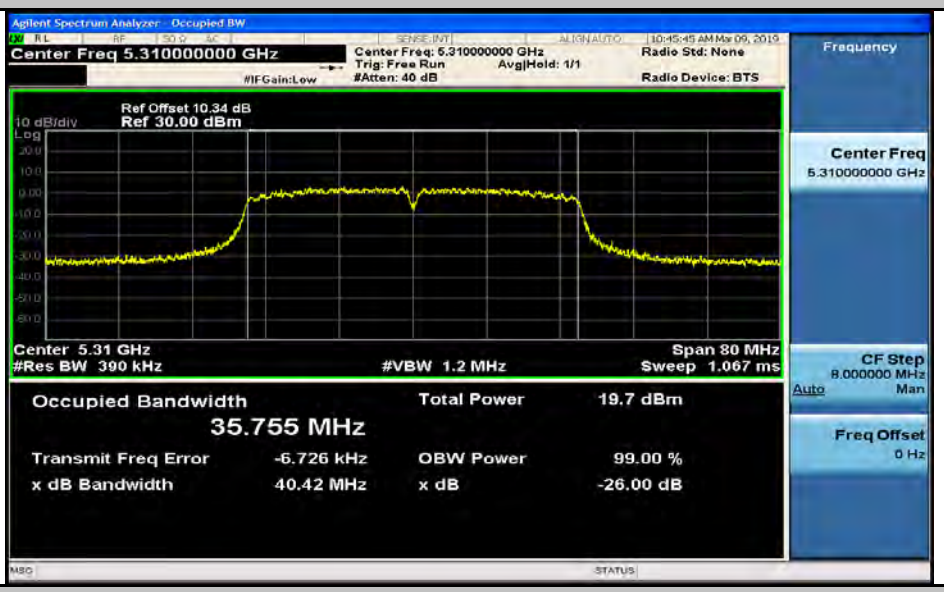
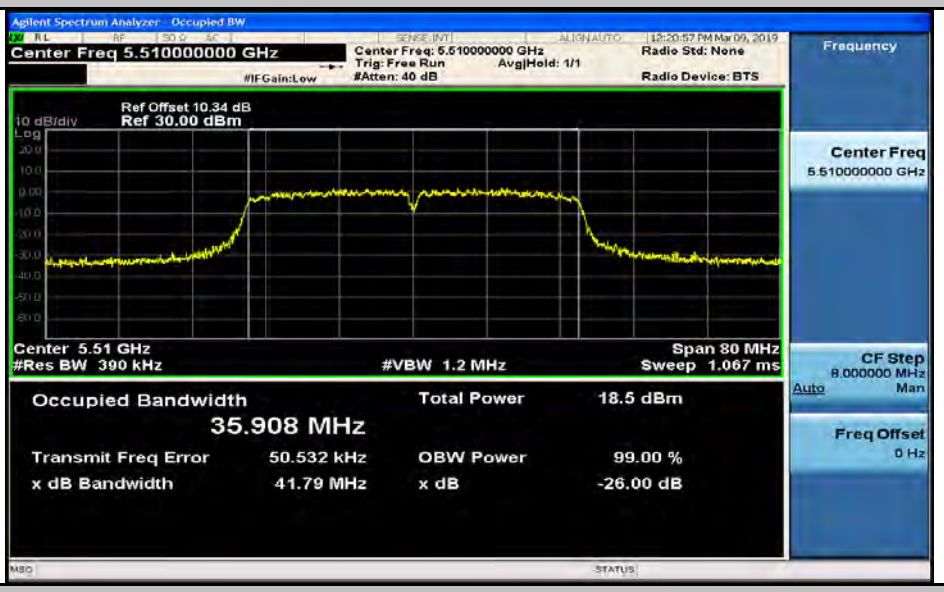



Occupied Bandwidth Measurement_11AC40_5510_Ant1

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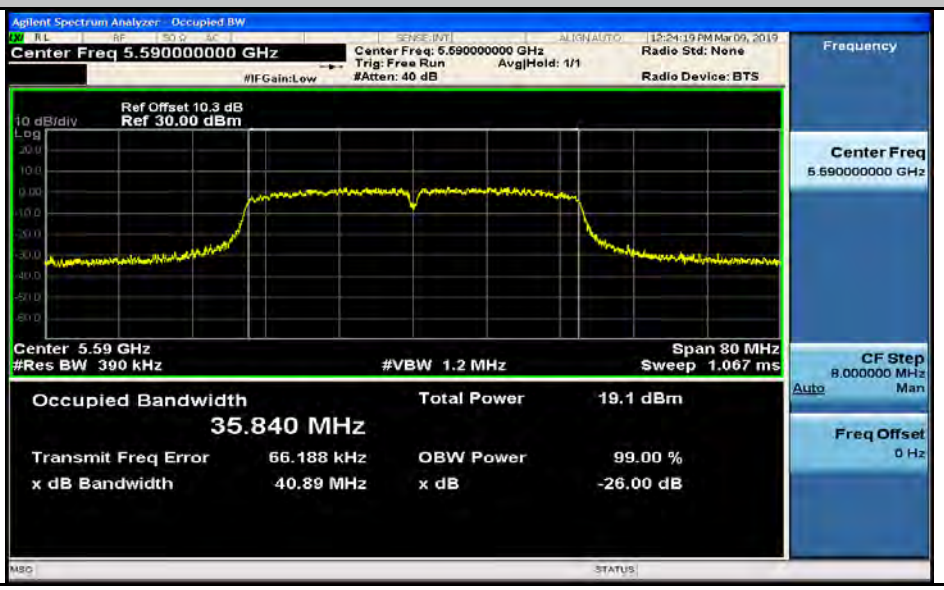
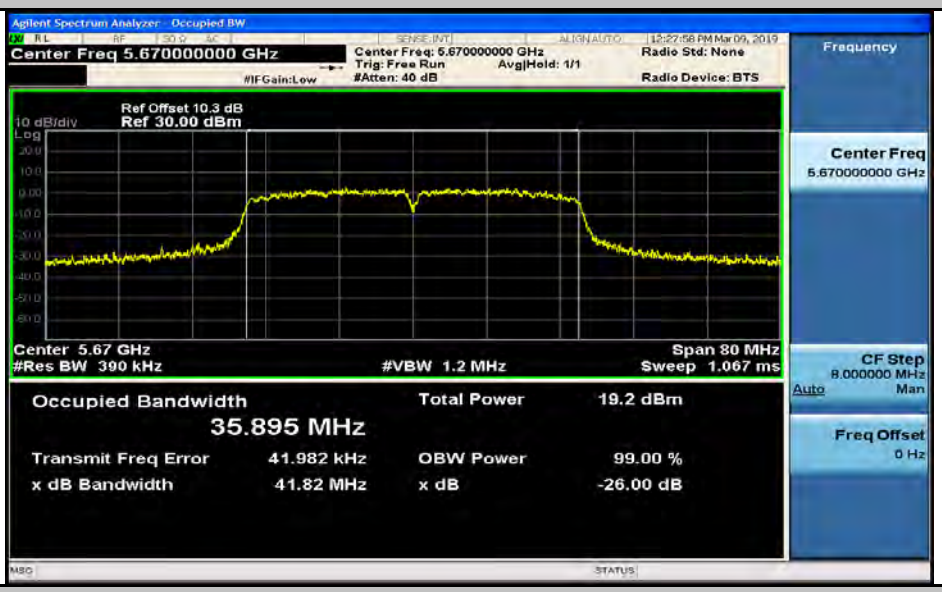


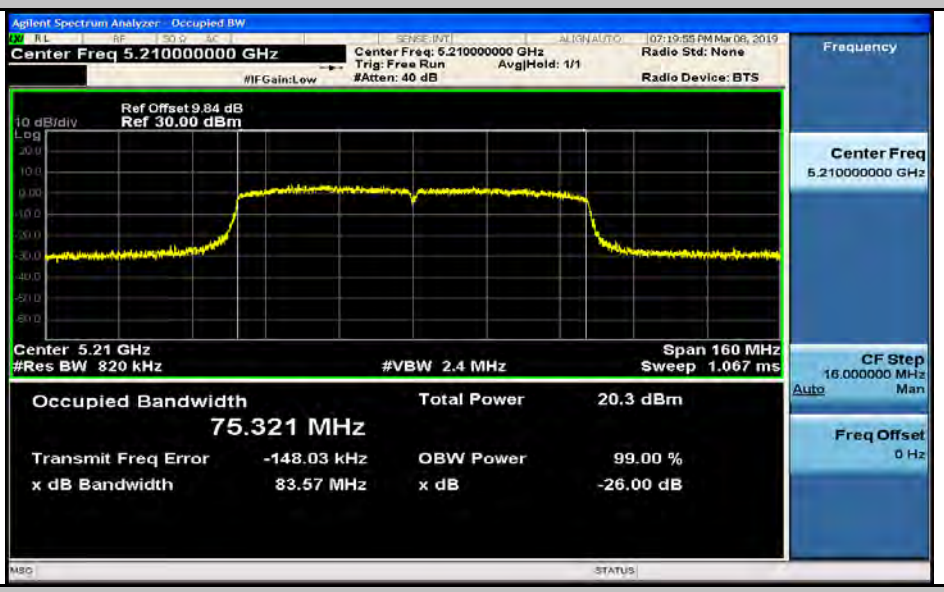
Occupied Bandwidth Measurement_11AC40_5670_Ant1




Occupied Bandwidth Measurement_11AC40_5755_Ant1

Occupied Bandwidth Measurement_11AC40_5795_Ant1

Occupied Bandwidth Measurement_11AC80_5210_Ant1

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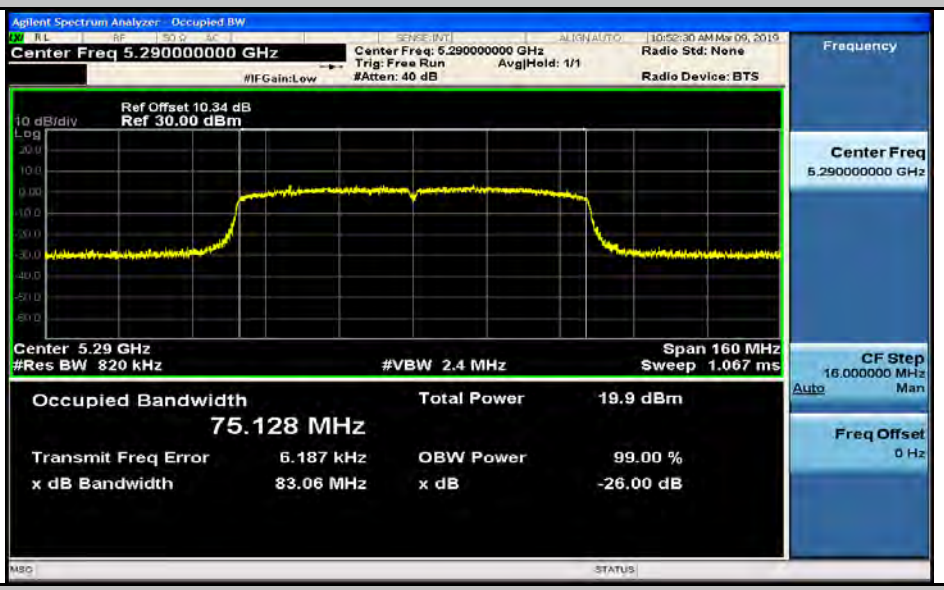


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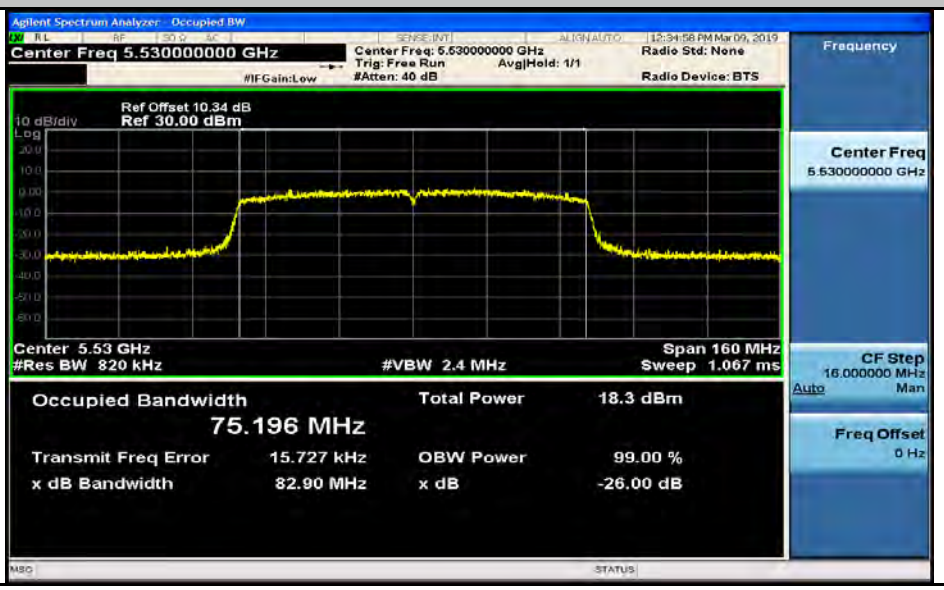
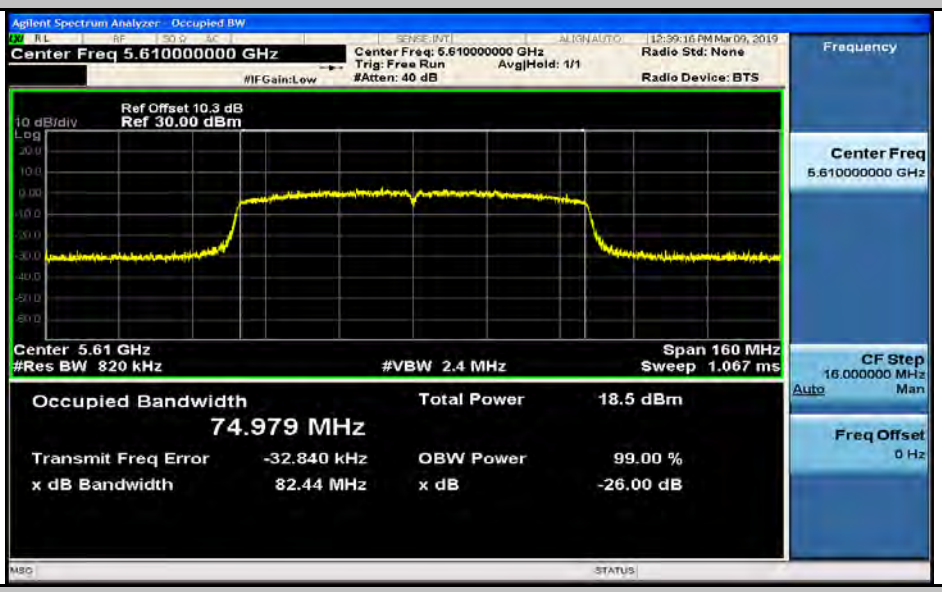


Occupied Bandwidth Measurement_11AC80_5610_Ant1




Occupied Bandwidth Measurement_11AC80_5775_Ant1

**4.Maximum Conduct Output Power For FCC**

| Test Mode | Test Channel | Ant | Level [dBm] | 10log(1/x) Factor [dB] | Power [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | 5180 | Ant1 | 15.35 | 0.20 | 15.55 | 23.98 | PASS |
| 11A | 5220 | Ant1 | 14.78 | 0.20 | 14.98 | 23.98 | PASS |
| 11A | 5240 | Ant1 | 14.93 | 0.20 | 15.13 | 23.98 | PASS |
| 11A | 5260 | Ant1 | 15.23 | 0.20 | 15.43 | 23.98 | PASS |
| 11A | 5280 | Ant1 | 14.7 | 0.20 | 14.9 | 23.98 | PASS |
| 11A | 5320 | Ant1 | 14.98 | 0.19 | 15.17 | 23.98 | PASS |
| 11A | 5500 | Ant1 | 13.29 | 0.22 | 13.51 | 23.98 | PASS |
| 11A | 5600 | Ant1 | 14.5 | 0.21 | 14.71 | 23.98 | PASS |
| 11A | 5700 | Ant1 | 14.45 | 0.21 | 14.66 | 23.98 | PASS |
| 11A | 5745 | Ant1 | 13.9 | 0.20 | 14.1 | 30.00 | PASS |
| 11A | 5785 | Ant1 | 14.64 | 0.20 | 14.84 | 30.00 | PASS |
| 11A | 5825 | Ant1 | 14.53 | 0.20 | 14.73 | 30.00 | PASS |
| 11N20 | 5180 | Ant1 | 15.28 | 0.20 | 15.48 | 23.98 | PASS |
| 11N20 | 5220 | Ant1 | 14.57 | 0.21 | 14.78 | 23.98 | PASS |
| 11N20 | 5240 | Ant1 | 14.78 | 0.20 | 14.98 | 23.98 | PASS |
| 11N20 | 5260 | Ant1 | 15.05 | 0.20 | 15.25 | 23.98 | PASS |
| 11N20 | 5280 | Ant1 | 14.51 | 0.20 | 14.71 | 23.95 | PASS |
| 11N20 | 5320 | Ant1 | 15.22 | 0.20 | 15.42 | 23.98 | PASS |
| 11N20 | 5500 | Ant1 | 13.42 | 0.21 | 13.63 | 23.98 | PASS |
| 11N20 | 5600 | Ant1 | 14.46 | 0.21 | 14.67 | 23.98 | PASS |
| 11N20 | 5700 | Ant1 | 13.58 | 0.22 | 13.8 | 23.98 | PASS |
| 11N20 | 5745 | Ant1 | 13.62 | 0.21 | 13.83 | 30.00 | PASS |
| 11N20 | 5785 | Ant1 | 14.37 | 0.21 | 14.58 | 30.00 | PASS |
| 11N20 | 5825 | Ant1 | 14.21 | 0.21 | 14.42 | 30.00 | PASS |
| 11N40 | 5190 | Ant1 | 14.57 | 0.40 | 14.97 | 23.98 | PASS |
| 11N40 | 5230 | Ant1 | 14.27 | 0.39 | 14.66 | 23.98 | PASS |
| 11N40 | 5270 | Ant1 | 14.35 | 0.40 | 14.75 | 23.98 | PASS |
| 11N40 | 5310 | Ant1 | 14.33 | 0.40 | 14.73 | 23.98 | PASS |
| 11N40 | 5510 | Ant1 | 12.17 | 0.41 | 12.58 | 23.98 | PASS |
| 11N40 | 5590 | Ant1 | 12.62 | 0.41 | 13.03 | 23.98 | PASS |
| 11N40 | 5670 | Ant1 | 12.75 | 0.40 | 13.15 | 23.98 | PASS |
| 11N40 | 5755 | Ant1 | 13.6 | 0.44 | 14.04 | 30.00 | PASS |
| 11N40 | 5795 | Ant1 | 13.92 | 0.40 | 14.32 | 30.00 | PASS |
| 11AC20 | 5180 | Ant1 | 14.5 | 0.20 | 14.7 | 23.98 | PASS |
| 11AC20 | 5220 | Ant1 | 14.32 | 0.20 | 14.52 | 23.98 | PASS |
| 11AC20 | 5240 | Ant1 | 14.39 | 0.21 | 14.6 | 23.98 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 11AC20 | 5260 | Ant1 | 13.59 | 0.22 | 13.81 | 23.91 | PASS |
| 11AC20 | 5280 | Ant1 | 13.82 | 0.22 | 14.04 | 23.98 | PASS |
| 11AC20 | 5320 | Ant1 | 13.88 | 0.22 | 14.1 | 23.98 | PASS |
| 11AC20 | 5500 | Ant1 | 12.51 | 0.22 | 12.73 | 23.98 | PASS |
| 11AC20 | 5600 | Ant1 | 13.62 | 0.21 | 13.83 | 23.98 | PASS |
| 11AC20 | 5700 | Ant1 | 13.58 | 0.22 | 13.8 | 23.98 | PASS |
| 11AC20 | 5745 | Ant1 | 12.61 | 0.21 | 12.82 | 30.00 | PASS |
| 11AC20 | 5785 | Ant1 | 13.18 | 0.22 | 13.4 | 30.00 | PASS |
| 11AC20 | 5825 | Ant1 | 13.28 | 0.22 | 13.5 | 30.00 | PASS |
| 11AC40 | 5190 | Ant1 | 14.16 | 0.40 | 14.56 | 23.98 | PASS |
| 11AC40 | 5230 | Ant1 | 13.83 | 0.40 | 14.23 | 23.98 | PASS |
| 11AC40 | 5270 | Ant1 | 13.16 | 0.40 | 13.56 | 23.98 | PASS |
| 11AC40 | 5310 | Ant1 | 13.35 | 0.41 | 13.76 | 23.98 | PASS |
| 11AC40 | 5510 | Ant1 | 12.08 | 0.40 | 12.48 | 23.98 | PASS |
| 11AC40 | 5590 | Ant1 | 12.64 | 0.41 | 13.05 | 23.98 | PASS |
| 11AC40 | 5670 | Ant1 | 12.83 | 0.41 | 13.24 | 23.98 | PASS |
| 11AC40 | 5755 | Ant1 | 12.72 | 0.42 | 13.14 | 30.00 | PASS |
| 11AC40 | 5795 | Ant1 | 12.91 | 0.41 | 13.32 | 30.00 | PASS |
| 11AC80 | 5210 | Ant1 | 12.94 | 0.79 | 13.73 | 23.98 | PASS |
| 11AC80 | 5290 | Ant1 | 12.52 | 0.80 | 13.32 | 23.98 | PASS |
| 11AC80 | 5530 | Ant1 | 10.93 | 0.83 | 11.76 | 23.98 | PASS |
| 11AC80 | 5610 | Ant1 | 10.95 | 0.83 | 11.78 | 23.98 | PASS |
| 11AC80 | 5775 | Ant1 | 12.62 | 0.81 | 13.43 | 30.00 | PASS |

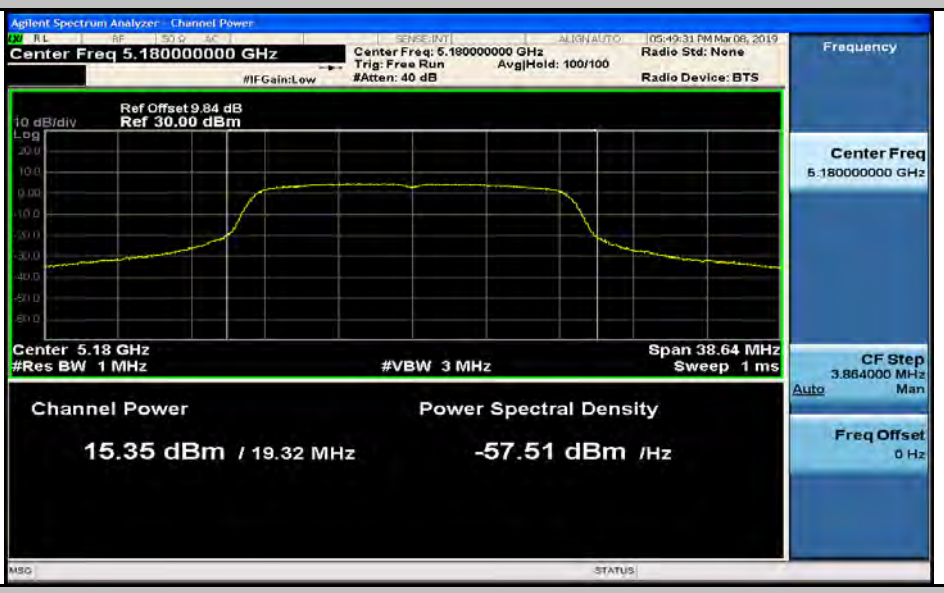
**4.1Maximum Conduct Output Power For IC**

| Test Mode | Test Channel | Level [dBm] | 10log(1/x) Factor [dB] | Power [dBm] | EIRP [dBm] for Dipoel Antenna | EIRP [dBm] for PCB Antenna | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| 11A | 5180 | 15.35 | 0.20 | 15.55 | 19.37 | 18.55 | 23.01 | PASS |
| 11A | 5220 | 14.78 | 0.20 | 14.98 | 18.8 | 17.98 | 23.01 | PASS |
| 11A | 5240 | 14.93 | 0.20 | 15.13 | 18.95 | 18.13 | 23.01 | PASS |
| 11A | 5260 | 15.23 | 0.20 | 15.43 | N/A | N/A | 23.98 | PASS |
| 11A | 5280 | 14.7 | 0.20 | 14.9 | N/A | N/A | 23.98 | PASS |
| 11A | 5320 | 14.98 | 0.19 | 15.17 | N/A | N/A | 23.98 | PASS |
| 11A | 5500 | 13.29 | 0.22 | 13.51 | N/A | N/A | 23.98 | PASS |
| 11A | 5600 | 14.5 | 0.21 | 14.71 | N/A | N/A | 23.98 | PASS |
| 11A | 5700 | 14.45 | 0.21 | 14.66 | N/A | N/A | 23.98 | PASS |
| 11A | 5745 | 13.9 | 0.20 | 14.1 | N/A | N/A | 30.00 | PASS |
| 11A | 5785 | 14.64 | 0.20 | 14.84 | N/A | N/A | 30.00 | PASS |

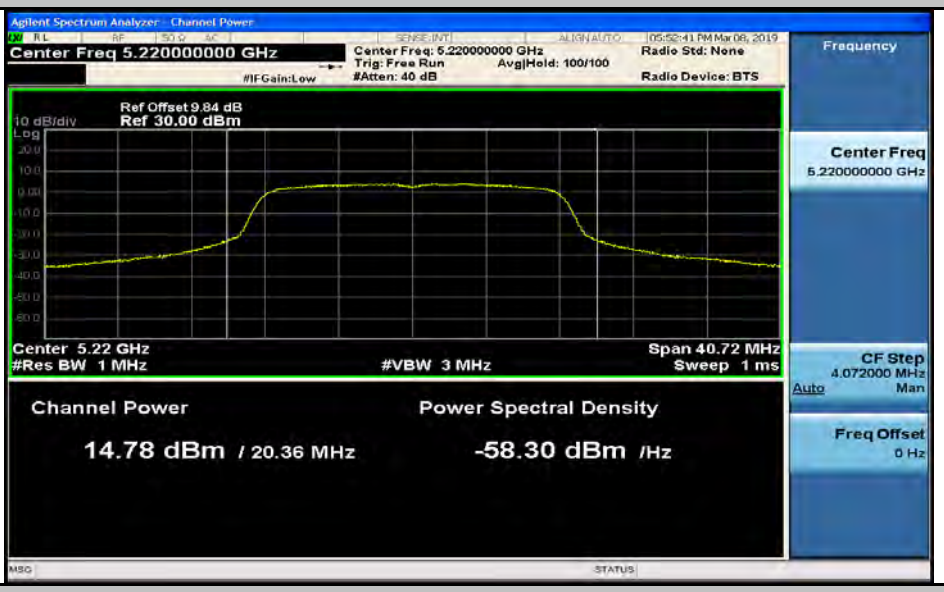
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11A | 5825 | 14.53 | 0.20 | 14.73 | N/A | N/A | 30.00 | PASS |
| 11N20 | 5180 | 15.28 | 0.20 | 15.48 | 19.30 | 18.48 | 23.01 | PASS |
| 11N20 | 5220 | 14.57 | 0.21 | 14.78 | 18.60 | 17.78 | 23.01 | PASS |
| 11N20 | 5240 | 14.78 | 0.20 | 14.98 | 18.80 | 17.98 | 23.01 | PASS |
| 11N20 | 5260 | 15.05 | 0.20 | 15.25 | N/A | N/A | 23.98 | PASS |
| 11N20 | 5280 | 14.51 | 0.20 | 14.71 | N/A | N/A | 23.95 | PASS |
| 11N20 | 5320 | 15.22 | 0.20 | 15.42 | N/A | N/A | 23.98 | PASS |
| 11N20 | 5500 | 13.42 | 0.21 | 13.63 | N/A | N/A | 23.98 | PASS |
| 11N20 | 5600 | 14.46 | 0.21 | 14.67 | N/A | N/A | 23.98 | PASS |
| 11N20 | 5700 | 13.58 | 0.22 | 13.8 | N/A | N/A | 23.98 | PASS |
| 11N20 | 5745 | 13.62 | 0.21 | 13.83 | N/A | N/A | 30.00 | PASS |
| 11N20 | 5785 | 14.37 | 0.21 | 14.58 | N/A | N/A | 30.00 | PASS |
| 11N20 | 5825 | 14.21 | 0.21 | 14.42 | N/A | N/A | 30.00 | PASS |
| 11N40 | 5190 | 14.57 | 0.40 | 14.97 | 18.79 | 17.97 | 23.01 | PASS |
| 11N40 | 5230 | 14.27 | 0.39 | 14.66 | 18.48 | 17.66 | 23.01 | PASS |
| 11N40 | 5270 | 14.35 | 0.40 | 14.75 | N/A | N/A | 23.98 | PASS |
| 11N40 | 5310 | 14.33 | 0.40 | 14.73 | N/A | N/A | 23.98 | PASS |
| 11N40 | 5510 | 12.17 | 0.41 | 12.58 | N/A | N/A | 23.98 | PASS |
| 11N40 | 5590 | 12.62 | 0.41 | 13.03 | N/A | N/A | 23.98 | PASS |
| 11N40 | 5670 | 12.75 | 0.40 | 13.15 | N/A | N/A | 23.98 | PASS |
| 11N40 | 5755 | 13.6 | 0.44 | 14.04 | N/A | N/A | 30.00 | PASS |
| 11N40 | 5795 | 13.92 | 0.40 | 14.32 | N/A | N/A | 30.00 | PASS |
| 11AC20 | 5180 | 14.5 | 0.20 | 14.7 | 18.52 | 17.70 | 23.01 | PASS |
| 11AC20 | 5220 | 14.32 | 0.20 | 14.52 | 18.34 | 17.52 | 23.01 | PASS |
| 11AC20 | 5240 | 14.39 | 0.21 | 14.6 | 18.42 | 17.60 | 23.01 | PASS |
| 11AC20 | 5260 | 13.59 | 0.22 | 13.81 | N/A | N/A | 23.91 | PASS |
| 11AC20 | 5280 | 13.82 | 0.22 | 14.04 | N/A | N/A | 23.98 | PASS |
| 11AC20 | 5320 | 13.88 | 0.22 | 14.1 | N/A | N/A | 23.98 | PASS |
| 11AC20 | 5500 | 12.51 | 0.22 | 12.73 | N/A | N/A | 23.98 | PASS |
| 11AC20 | 5600 | 13.62 | 0.21 | 13.83 | N/A | N/A | 23.98 | PASS |
| 11AC20 | 5700 | 13.58 | 0.22 | 13.8 | N/A | N/A | 23.98 | PASS |
| 11AC20 | 5745 | 12.61 | 0.21 | 12.82 | N/A | N/A | 30.00 | PASS |
| 11AC20 | 5785 | 13.18 | 0.22 | 13.4 | N/A | N/A | 30.00 | PASS |
| 11AC20 | 5825 | 13.28 | 0.22 | 13.5 | N/A | N/A | 30.00 | PASS |
| 11AC40 | 5190 | 14.16 | 0.40 | 14.56 | 18.38 | 17.56 | 23.01 | PASS |
| 11AC40 | 5230 | 13.83 | 0.40 | 14.23 | 18.05 | 17.23 | 23.01 | PASS |
| 11AC40 | 5270 | 13.16 | 0.40 | 13.56 | N/A | N/A | 23.98 | PASS |
| 11AC40 | 5310 | 13.35 | 0.41 | 13.76 | N/A | N/A | 23.98 | PASS |
| 11AC40 | 5510 | 12.08 | 0.40 | 12.48 | N/A | N/A | 23.98 | PASS |
| 11AC40 | 5590 | 12.64 | 0.41 | 13.05 | N/A | N/A | 23.98 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11AC40 | 5670 | 12.83 | 0.41 | 13.24 | N/A | N/A | 23.98 | PASS |
| 11AC40 | 5755 | 12.72 | 0.42 | 13.14 | N/A | N/A | 30.00 | PASS |
| 11AC40 | 5795 | 12.91 | 0.41 | 13.32 | N/A | N/A | 30.00 | PASS |
| 11AC80 | 5210 | 12.94 | 0.79 | 13.73 | 17.55 | 16.73 | 23.01 | PASS |
| 11AC80 | 5290 | 12.52 | 0.80 | 13.32 | N/A | N/A | 23.98 | PASS |
| 11AC80 | 5530 | 10.93 | 0.83 | 11.76 | N/A | N/A | 23.98 | PASS |
| 11AC80 | 5610 | 10.95 | 0.83 | 11.78 | N/A | N/A | 23.98 | PASS |
| 11AC80 | 5775 | 12.62 | 0.81 | 13.43 | N/A | N/A | 30.00 | PASS |

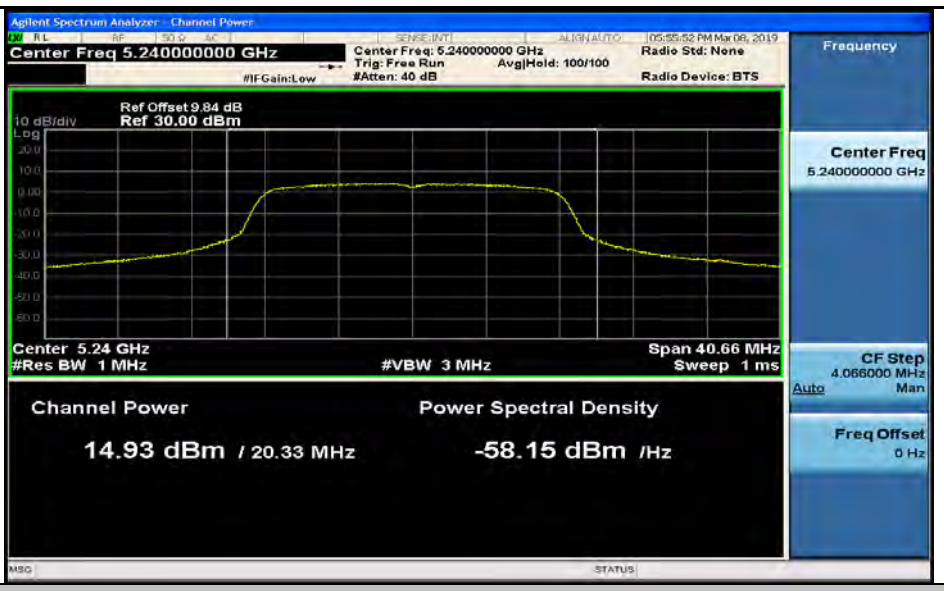
Maximum Conduct Output Power_11A_5180_Ant1



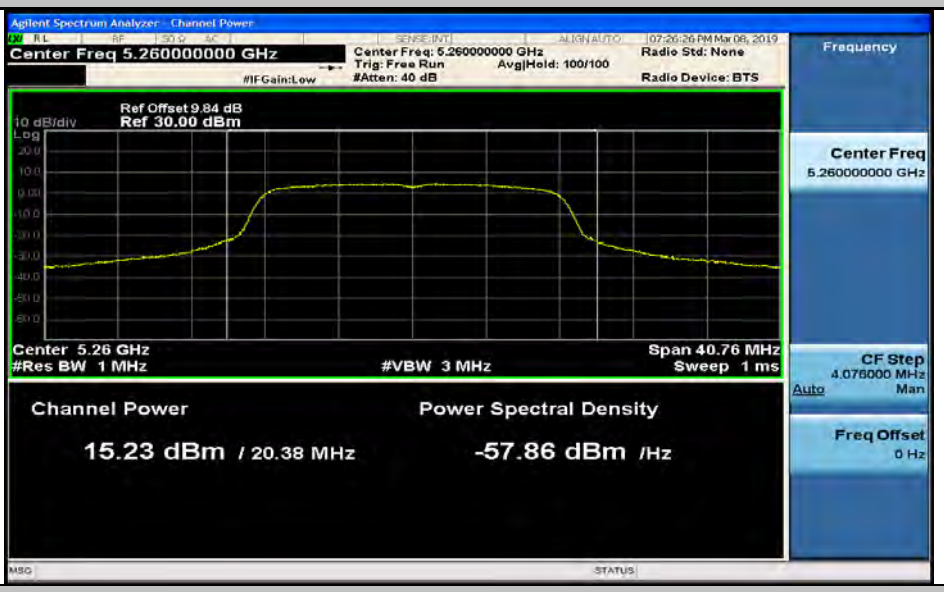

Maximum Conduct Output Power_11A_5220_Ant1




Maximum Conduct Output Power_11A_5240_Ant1

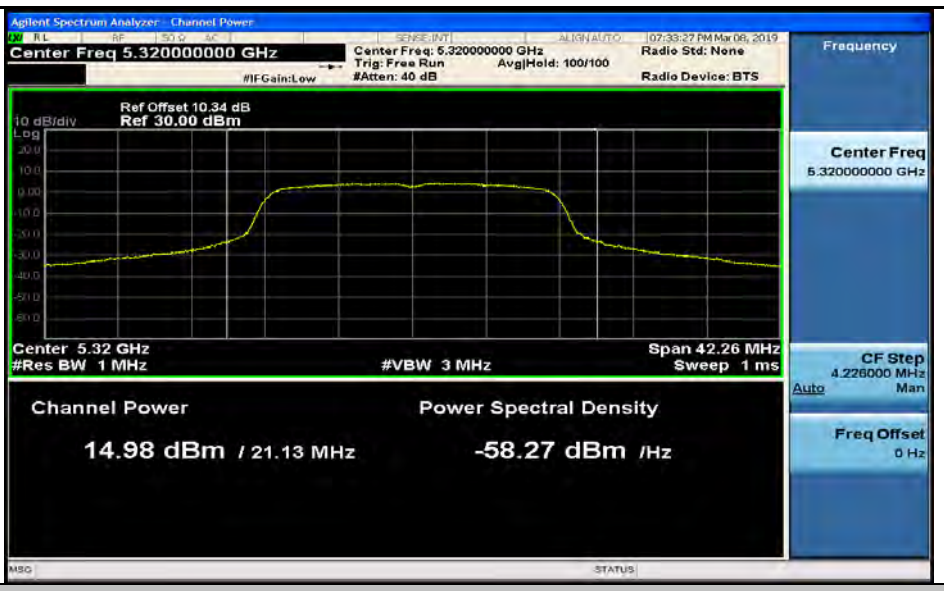



Maximum Conduct Output Power_11A_5260_Ant1

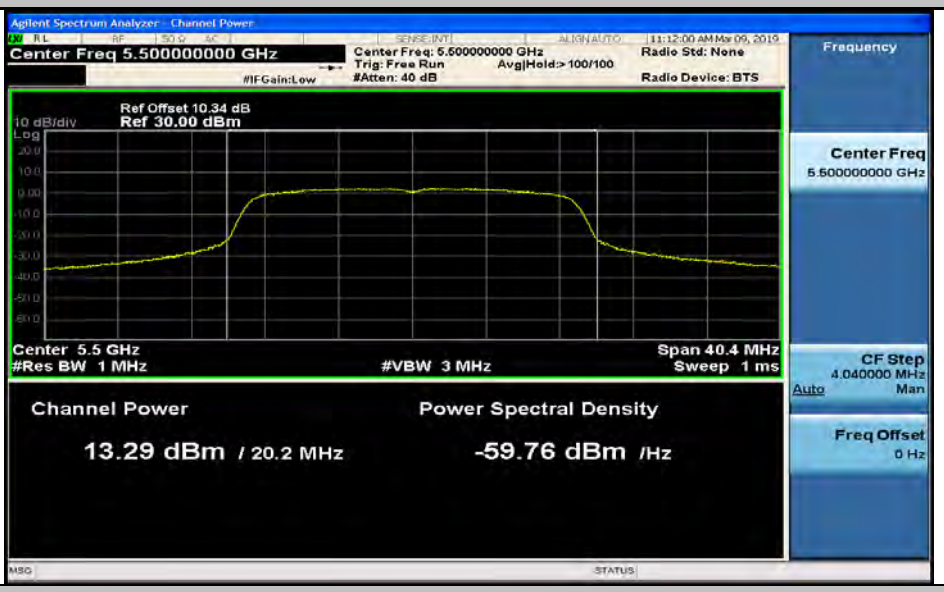



Maximum Conduct Output Power_11A_5280_Ant1

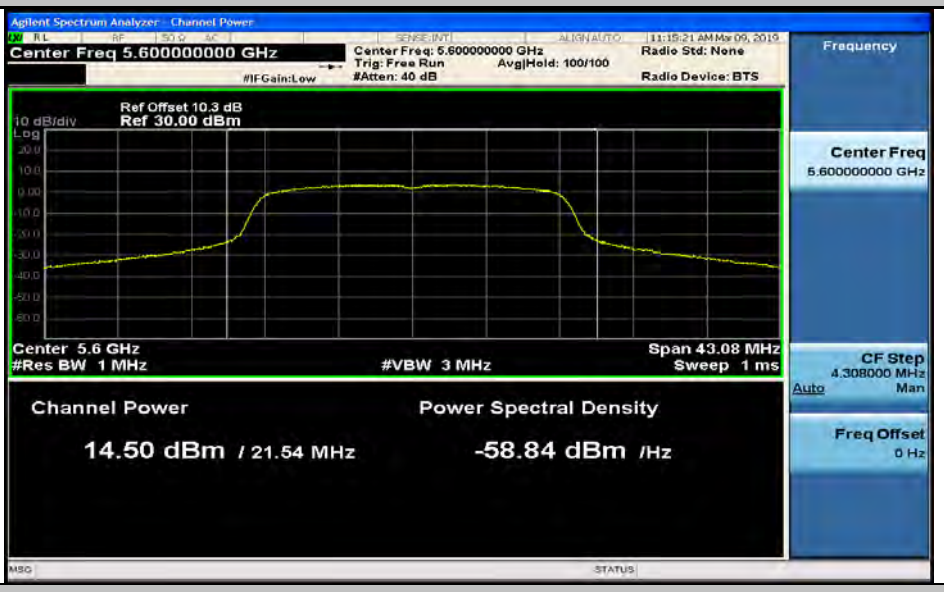
Maximum Conduct Output Power_11A_5320_Ant1




Maximum Conduct Output Power_11A_5500_Ant1

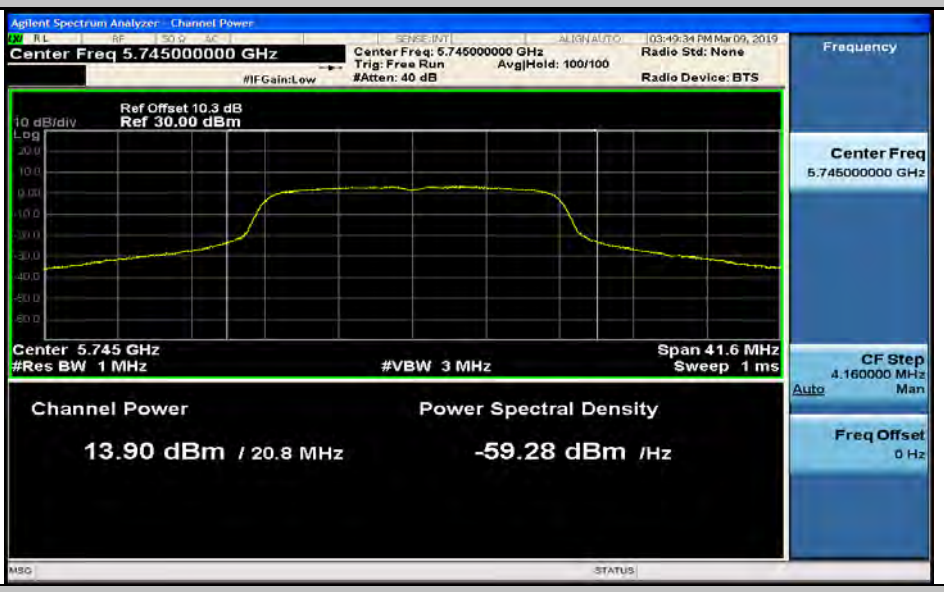



Maximum Conduct Output Power_11A_5600_Ant1

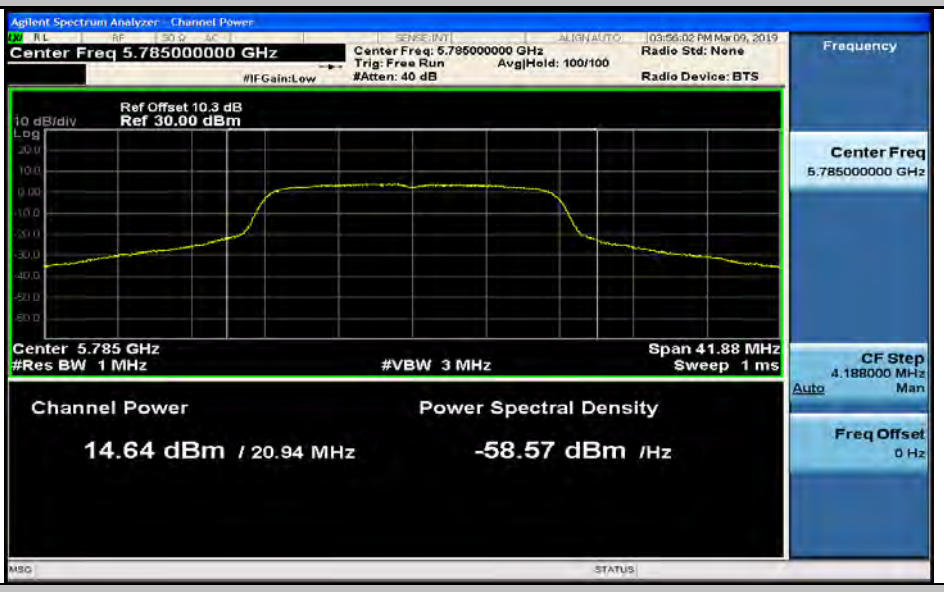



Maximum Conduct Output Power_11A_5700_Ant1

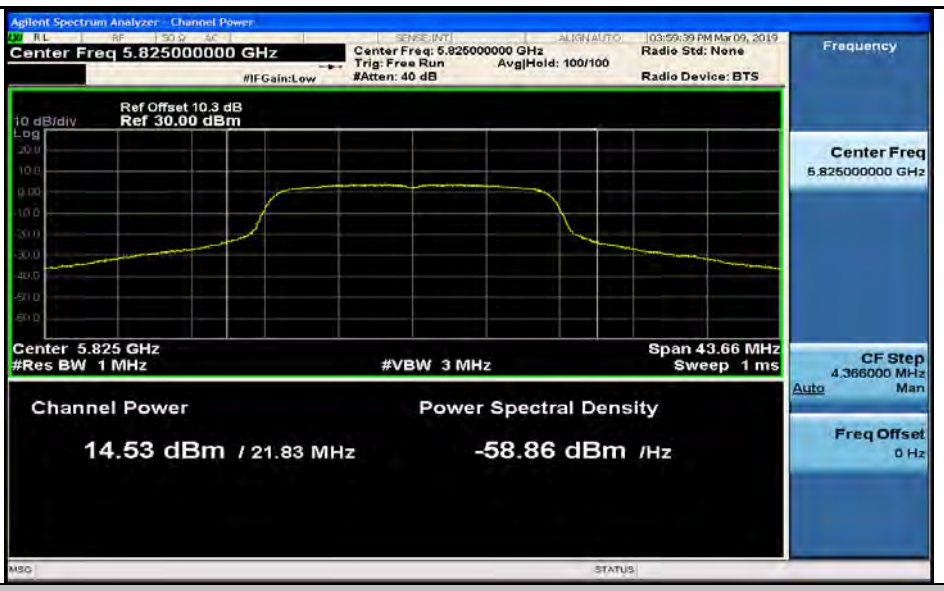
Maximum Conduct Output Power_11A_5745_Ant1



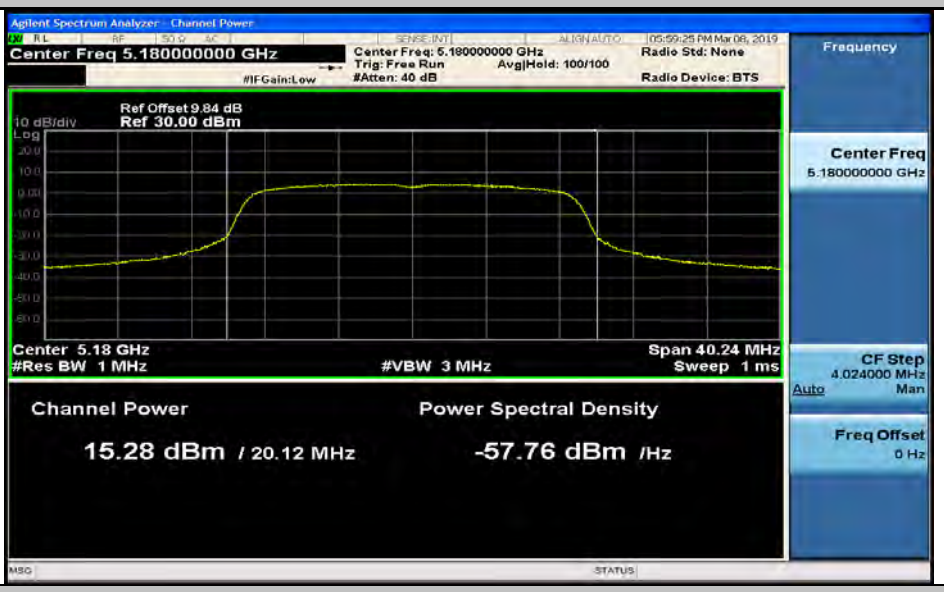

Maximum Conduct Output Power_11A_5785_Ant1



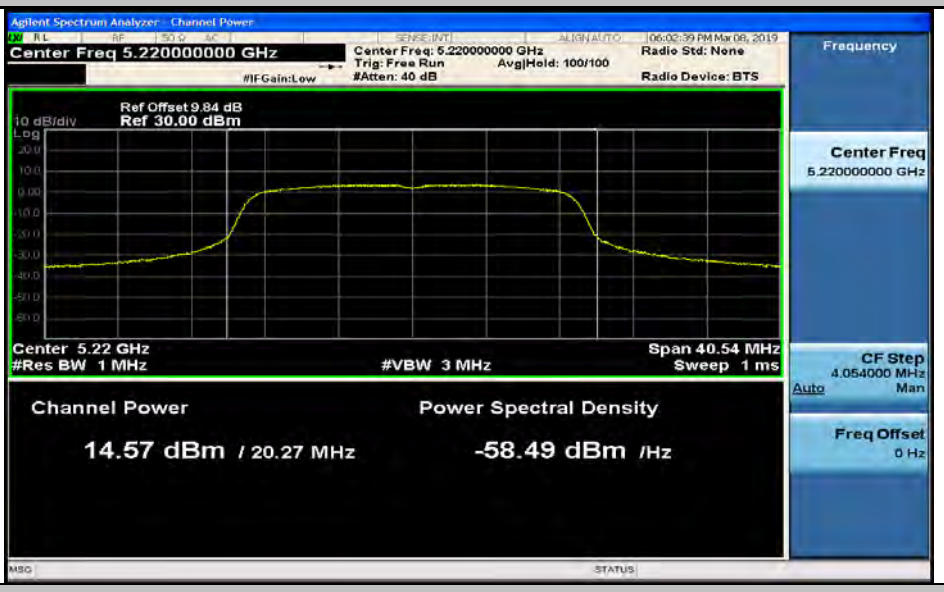

Maximum Conduct Output Power_11A_5825_Ant1



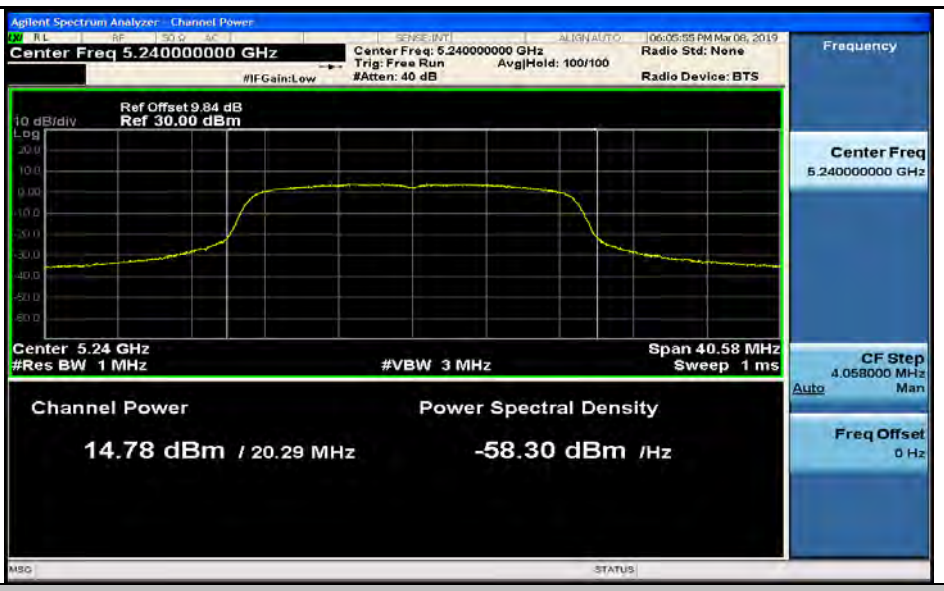

Maximum Conduct Output Power_11N20_5180_Ant1



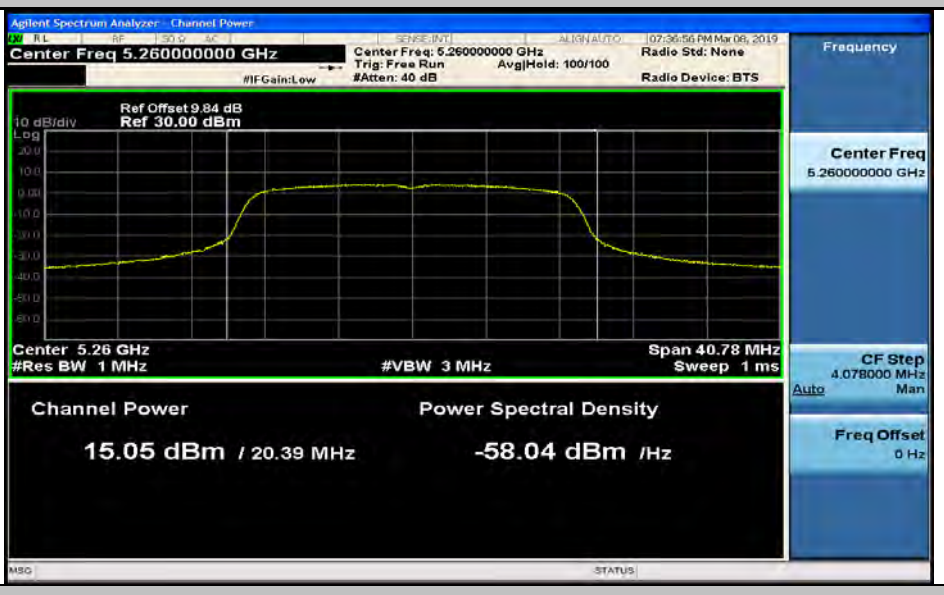

Maximum Conduct Output Power_11N20_5220_Ant1



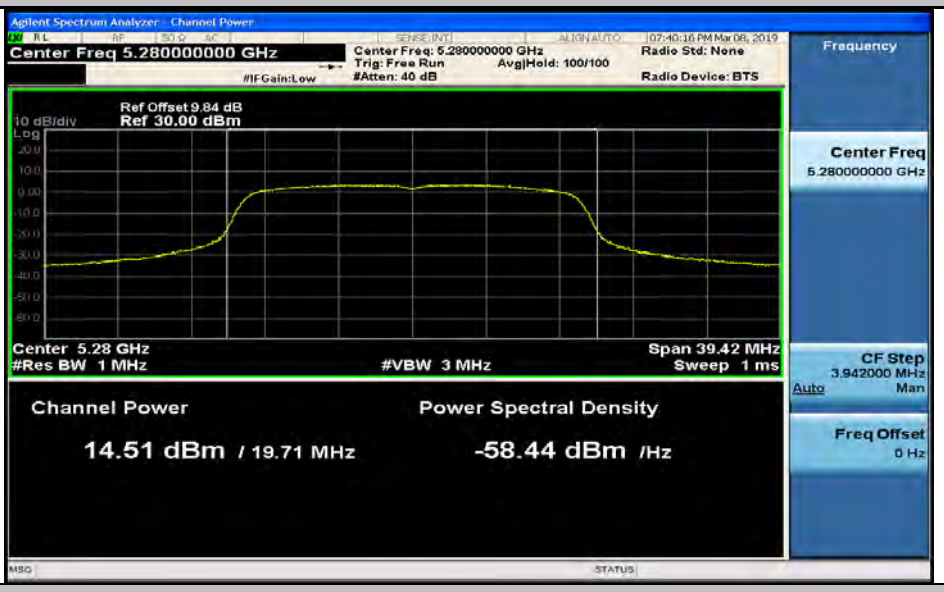

Maximum Conduct Output Power_11N20_5240_Ant1



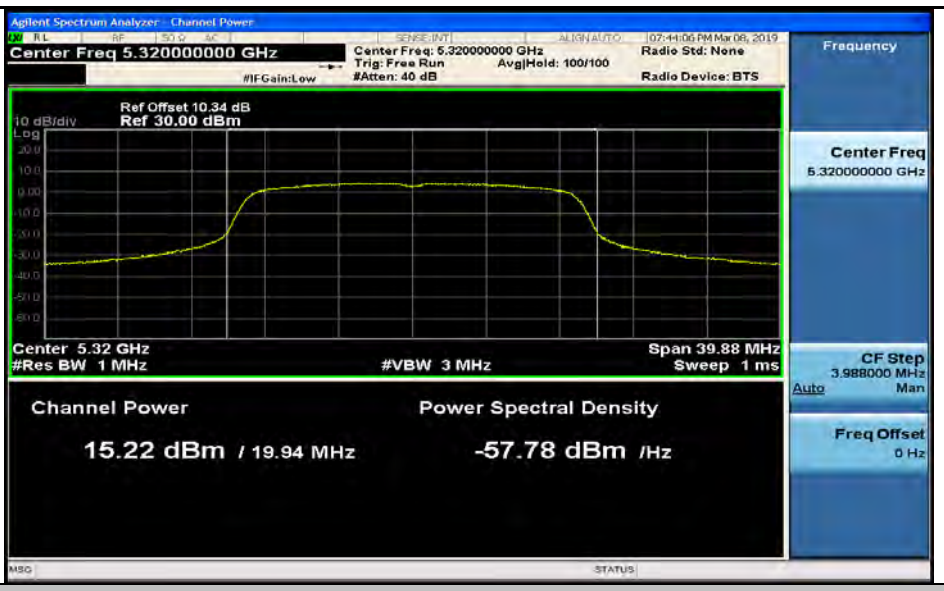

Maximum Conduct Output Power_11N20_5260_Ant1



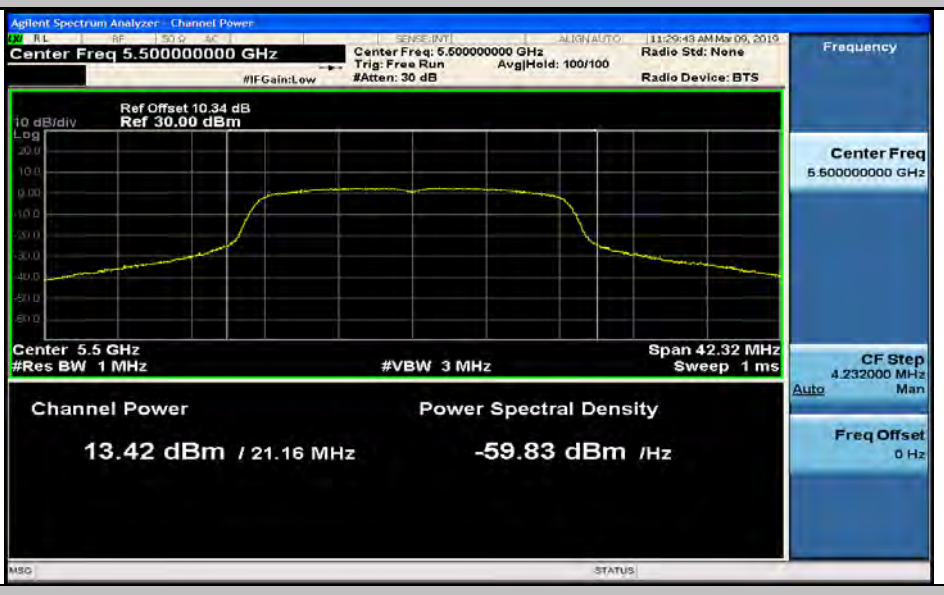

Maximum Conduct Output Power_11N20_5280_Ant1



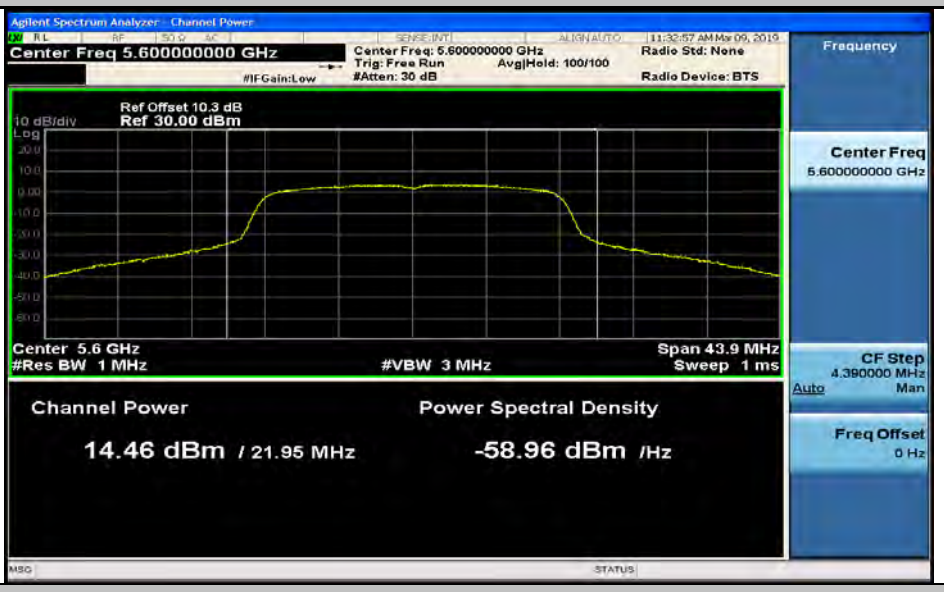

Maximum Conduct Output Power_11N20_5320_Ant1



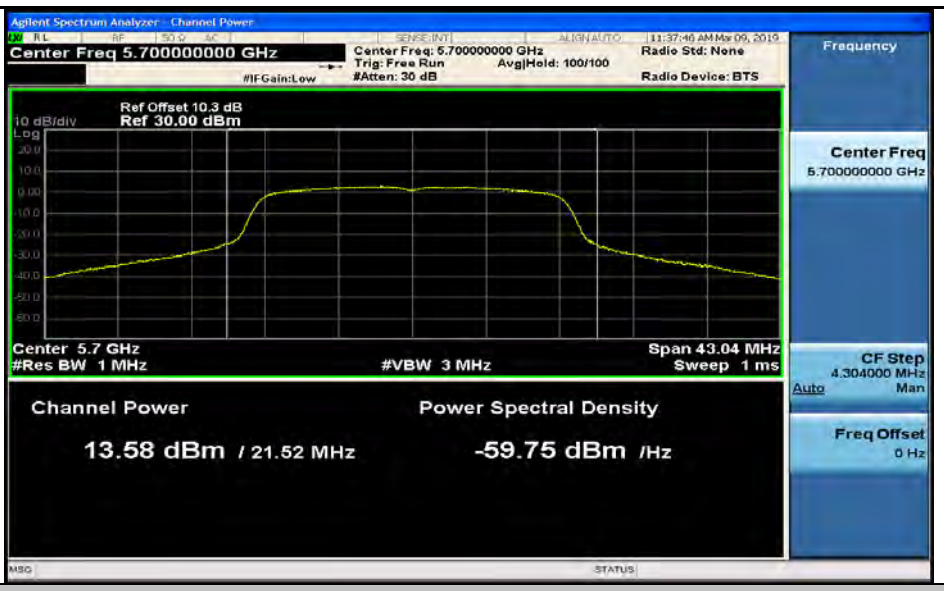

Maximum Conduct Output Power_11N20_5500_Ant1



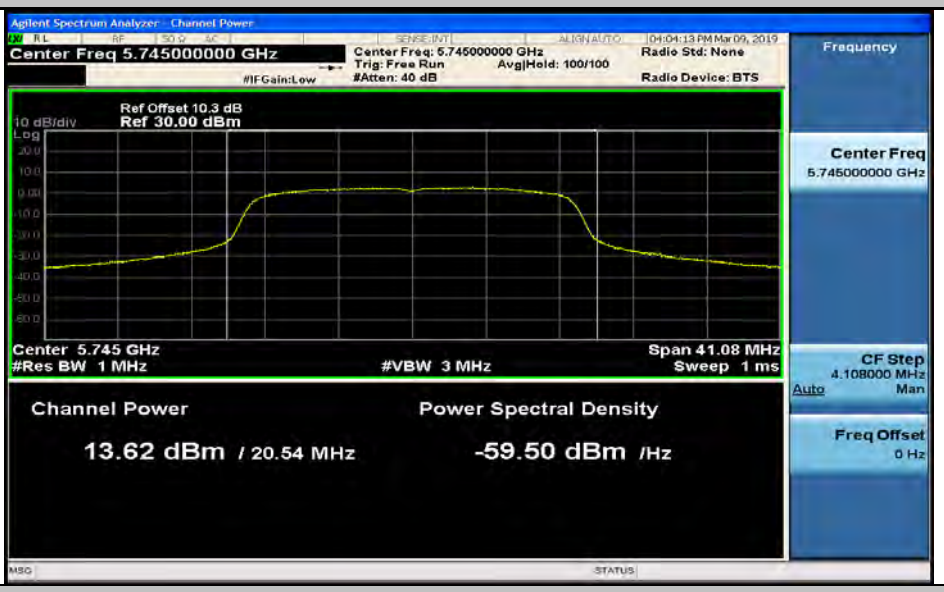

Maximum Conduct Output Power_11N20_5600_Ant1



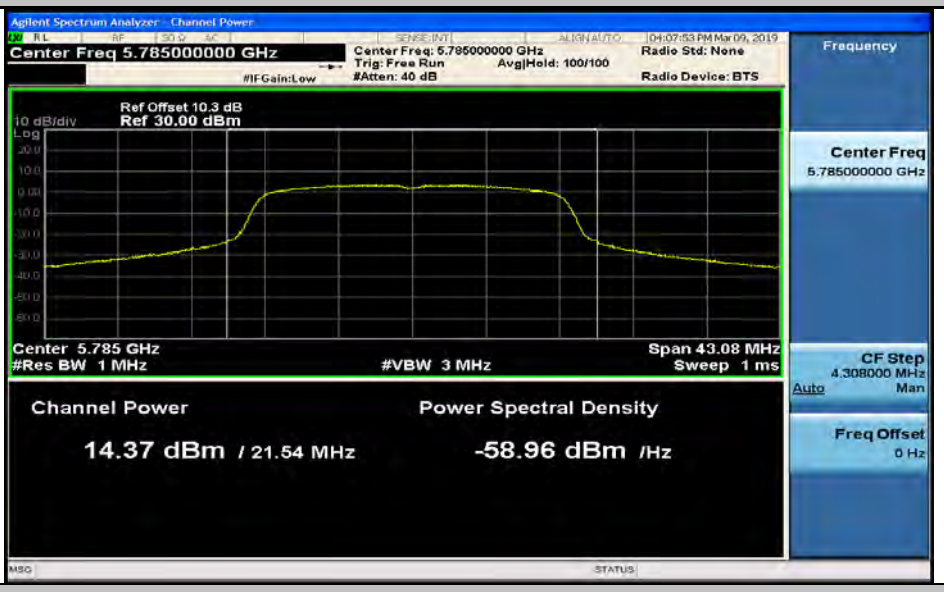

Maximum Conduct Output Power_11N20_5700_Ant1




Maximum Conduct Output Power_11N20_5745_Ant1




Maximum Conduct Output Power_11N20_5785_Ant1




Maximum Conduct Output Power_11N20_5825_Ant1