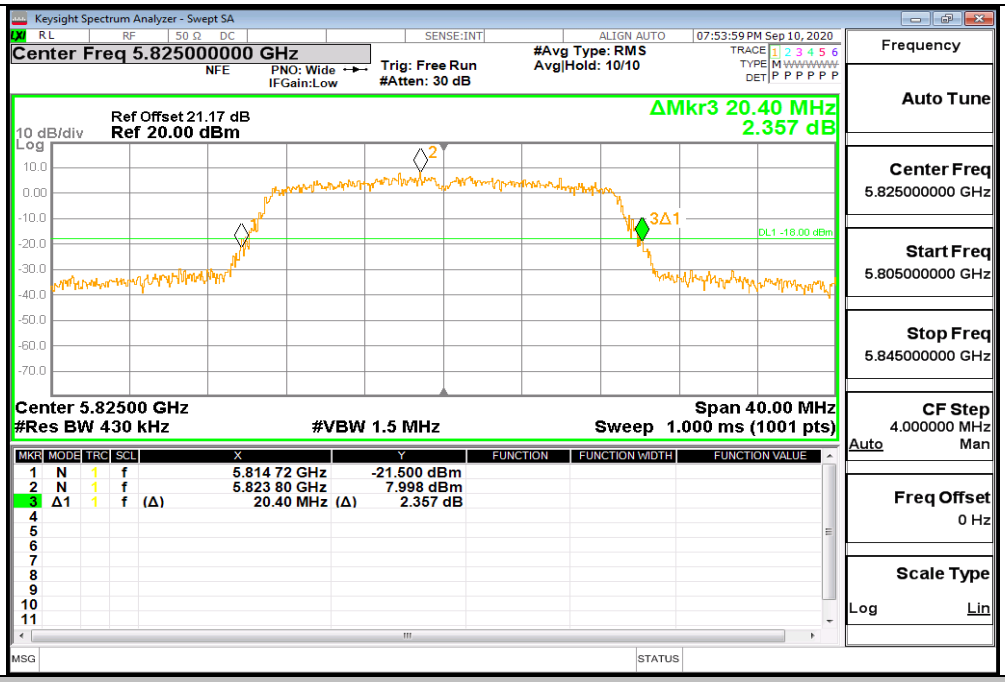
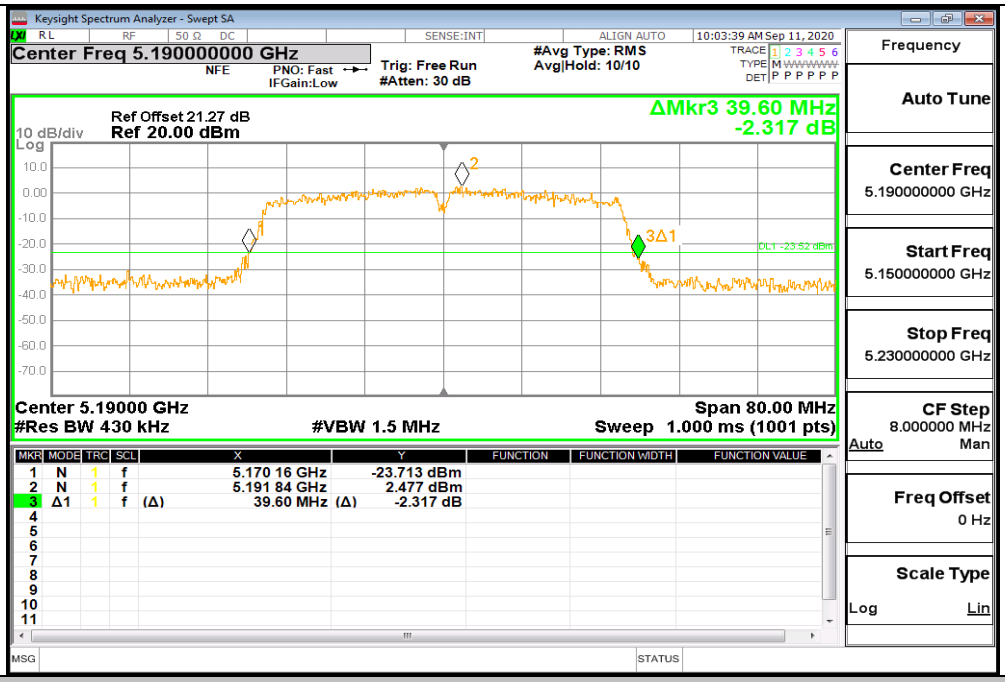


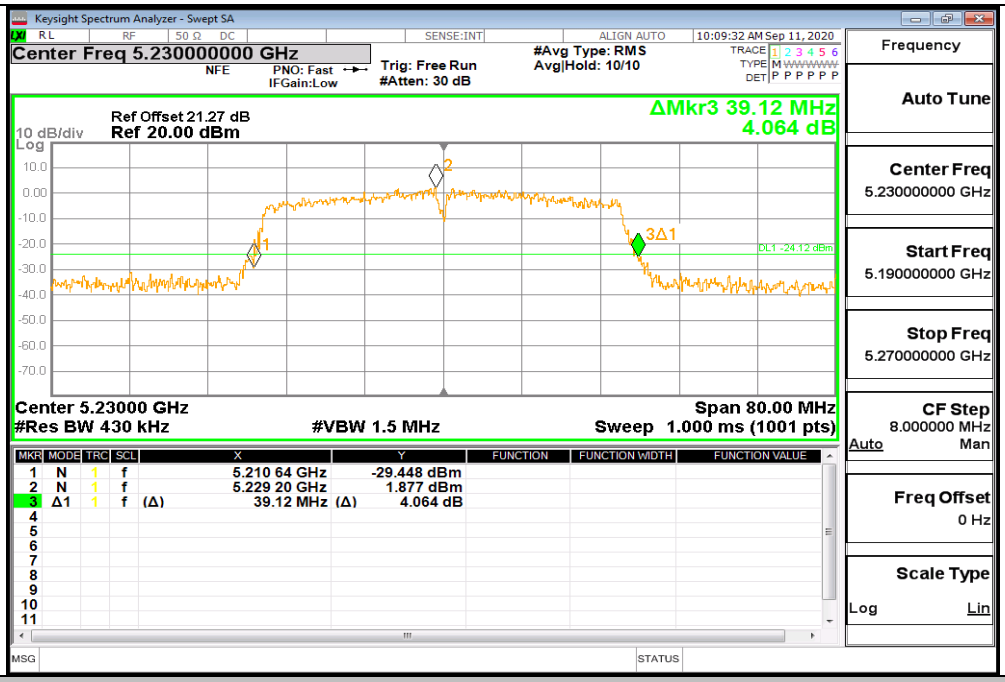

11N20MIMO_Ant1_5825


11N20MIMO_Ant2_5825




11N40MIMO_Ant1_5190


11N40MIMO_Ant2_5190

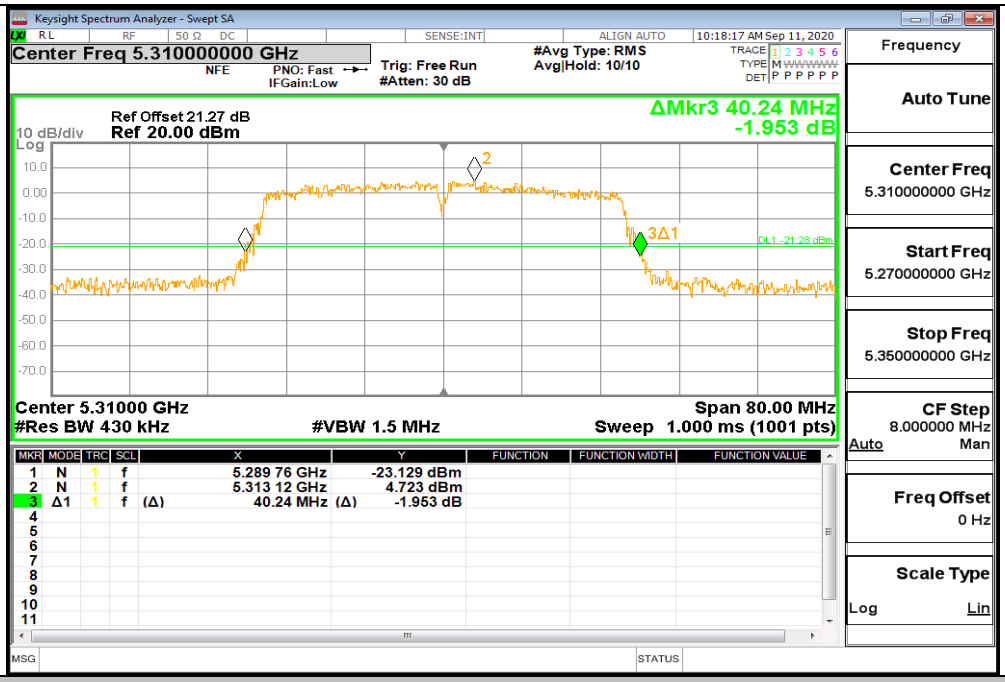



11N40MIMO_Ant1_5230


11N40MIMO_Ant2_5230

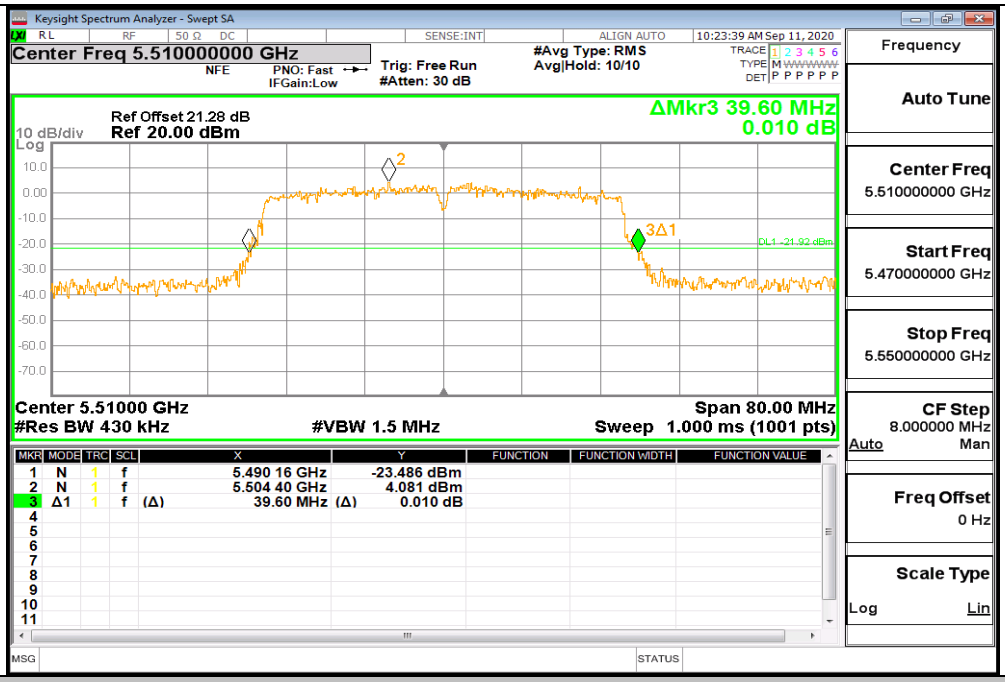

11N40MIMO_Ant1_5270


11N40MIMO_Ant2_5270




11N40MIMO_Ant1_5310


11N40MIMO_Ant2_5310

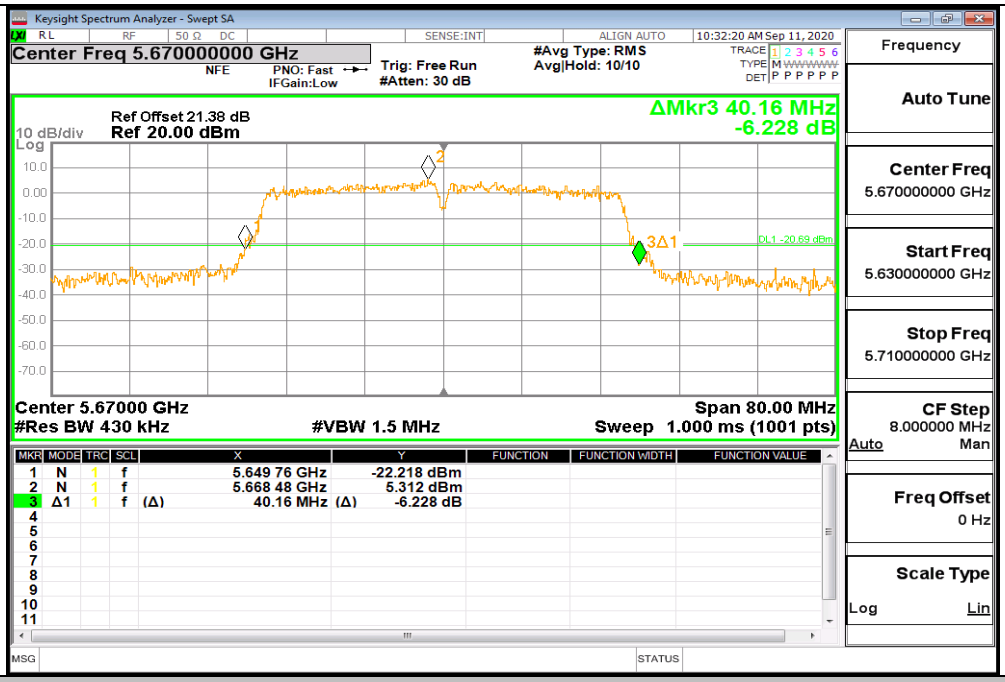



11N40MIMO_Ant1_5510


11N40MIMO_Ant2_5510

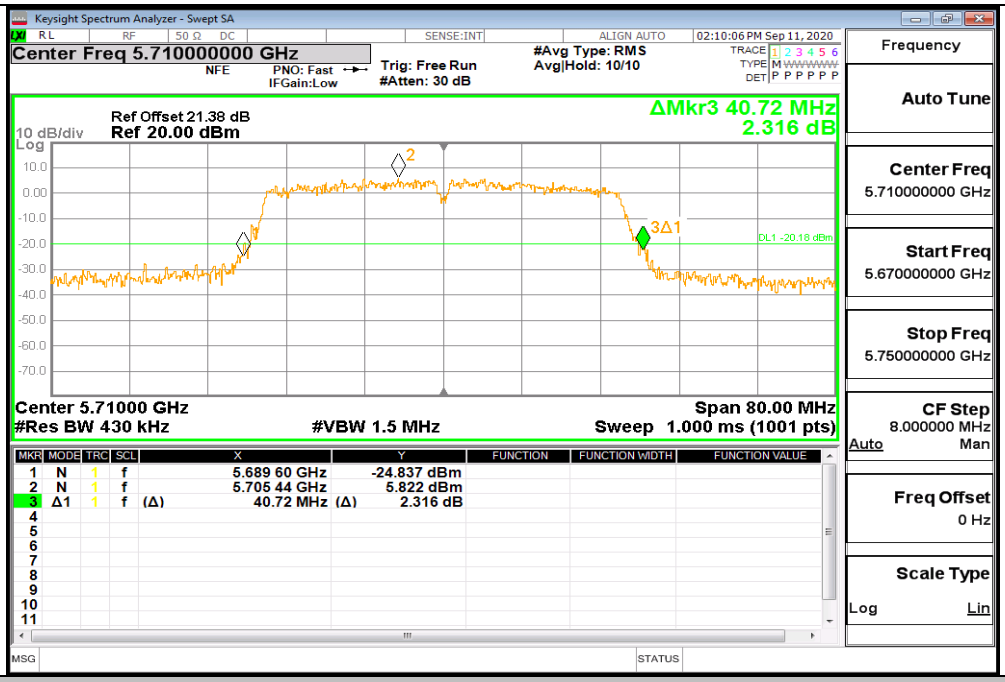

11N40MIMO_Ant1_5590


11N40MIMO_Ant2_5590



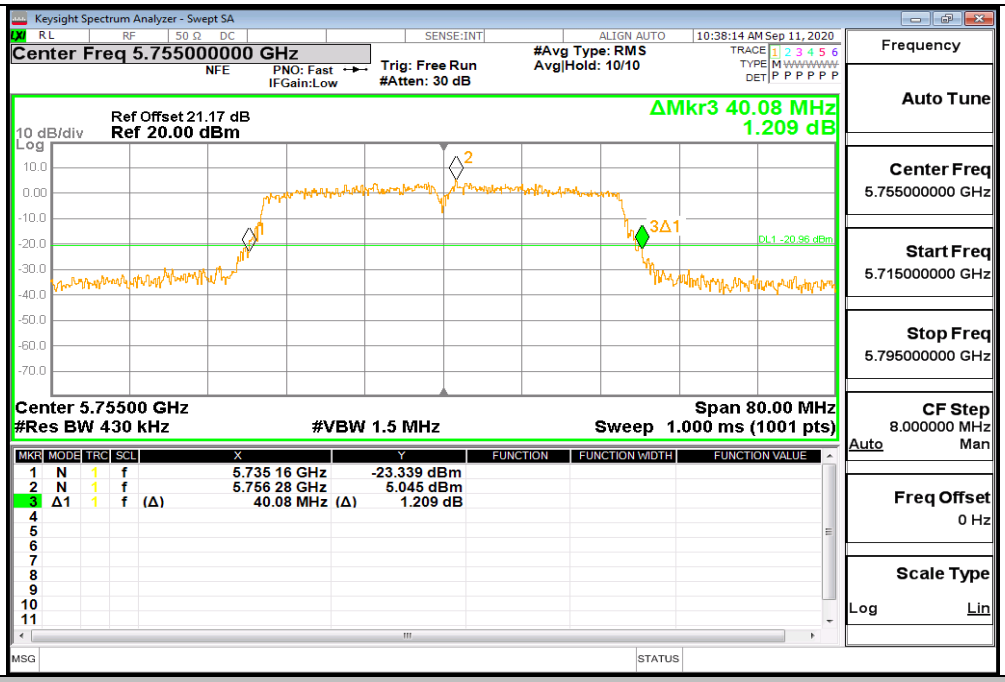

11N40MIMO_Ant1_5670


11N40MIMO_Ant2_5670



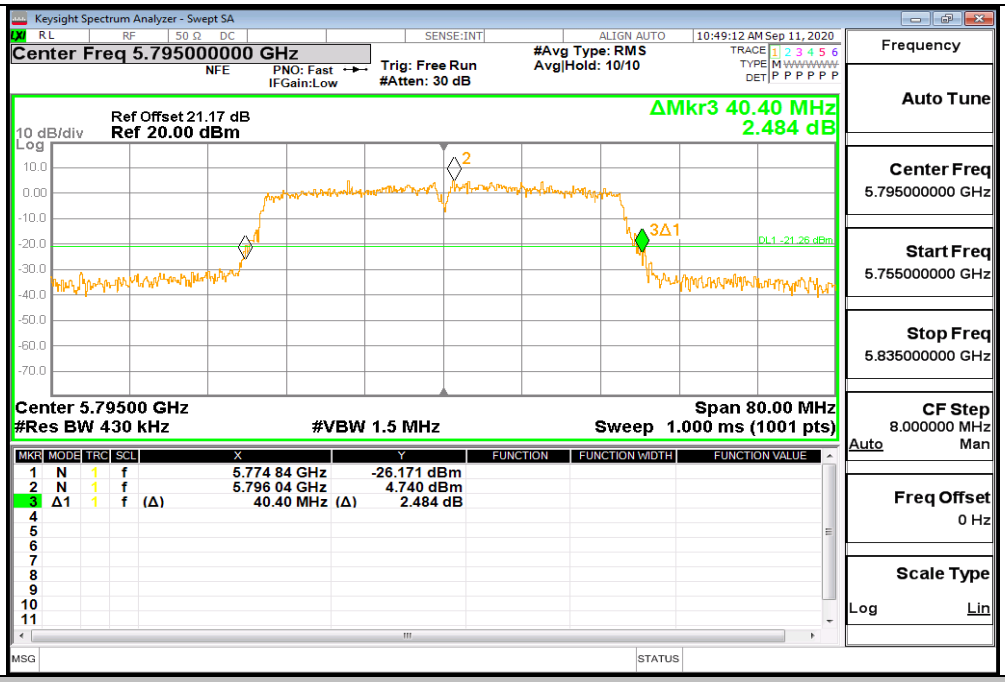

11N40MIMO_Ant1_5710


11N40MIMO_Ant2_5710

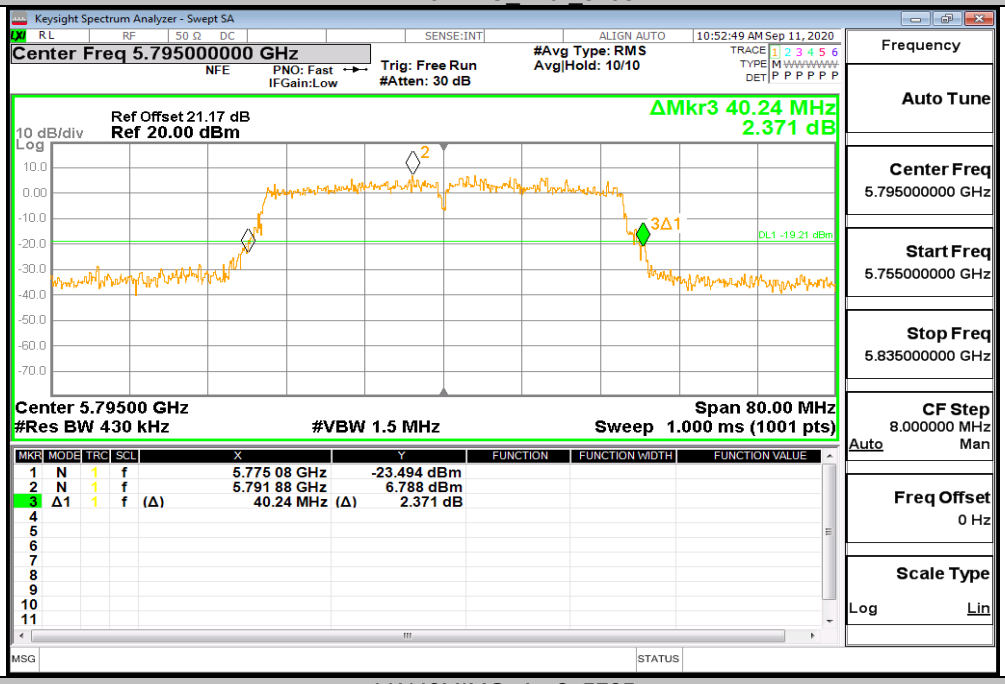



11N40MIMO_Ant1_5755

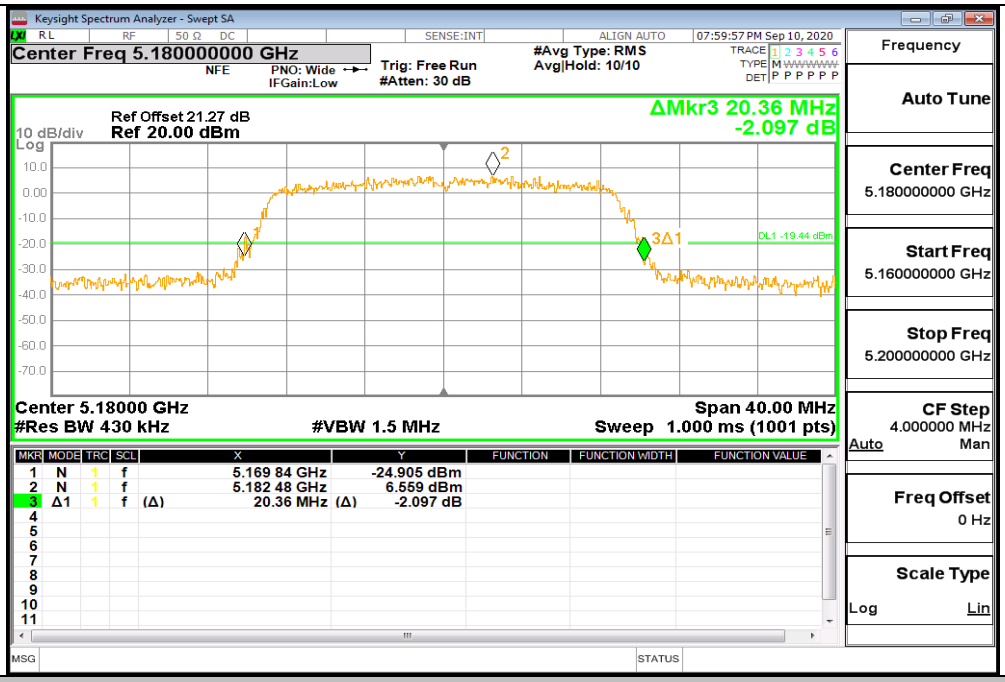

11N40MIMO_Ant2_5755




11N40MIMO_Ant1_5795




11N40MIMO_Ant2_5795

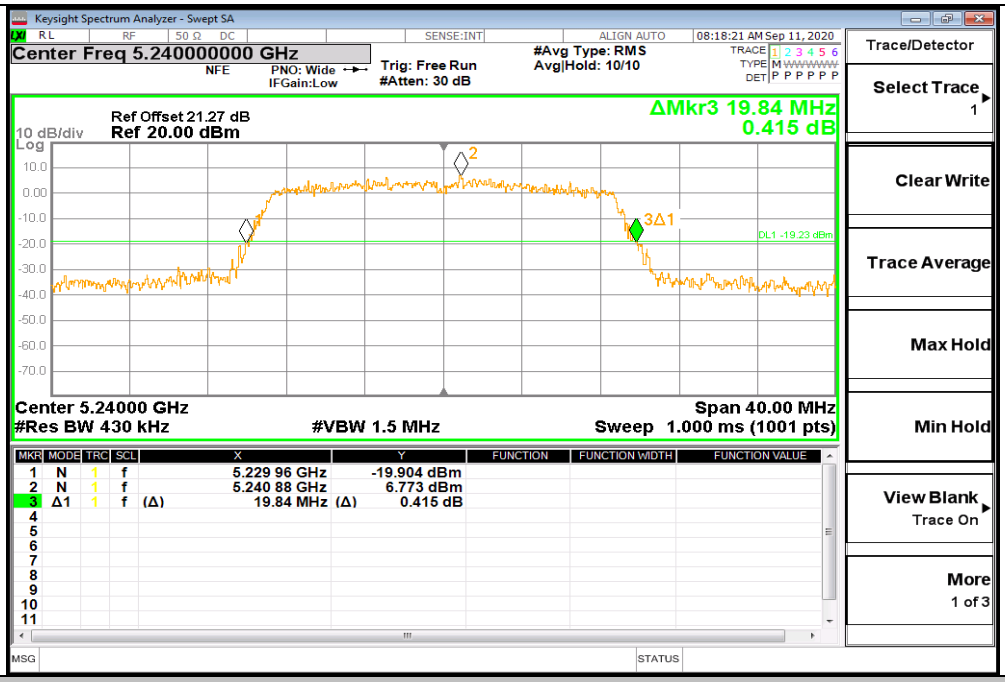



11AC20MIMO_Ant1_5180


11AC20MIMO_Ant2_5180


11AC20MIMO_Ant1_5200

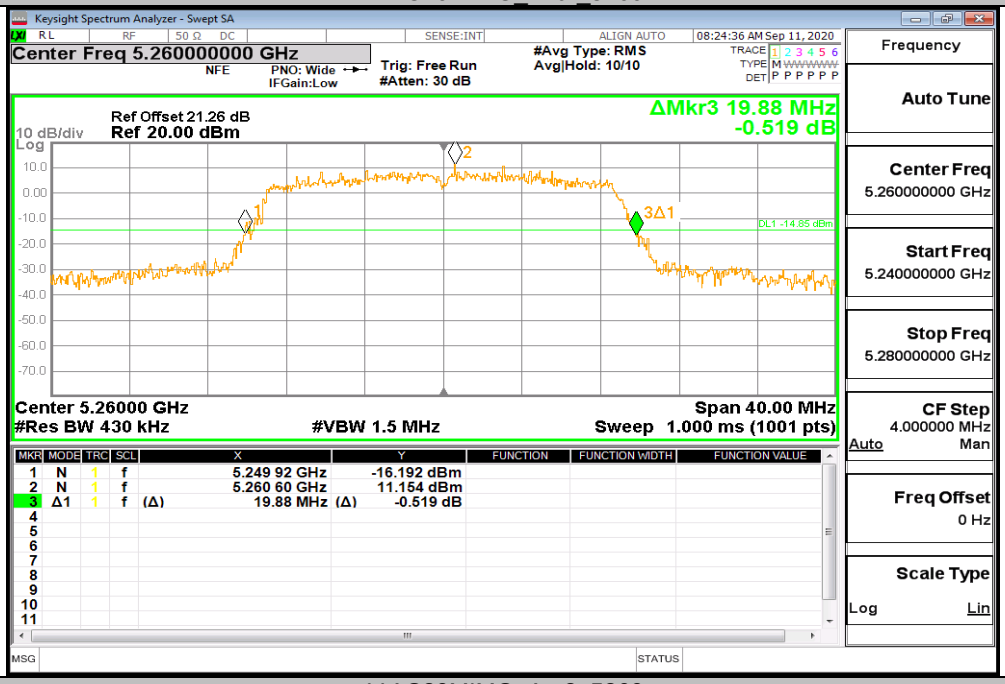

11AC20MIMO_Ant2_5200



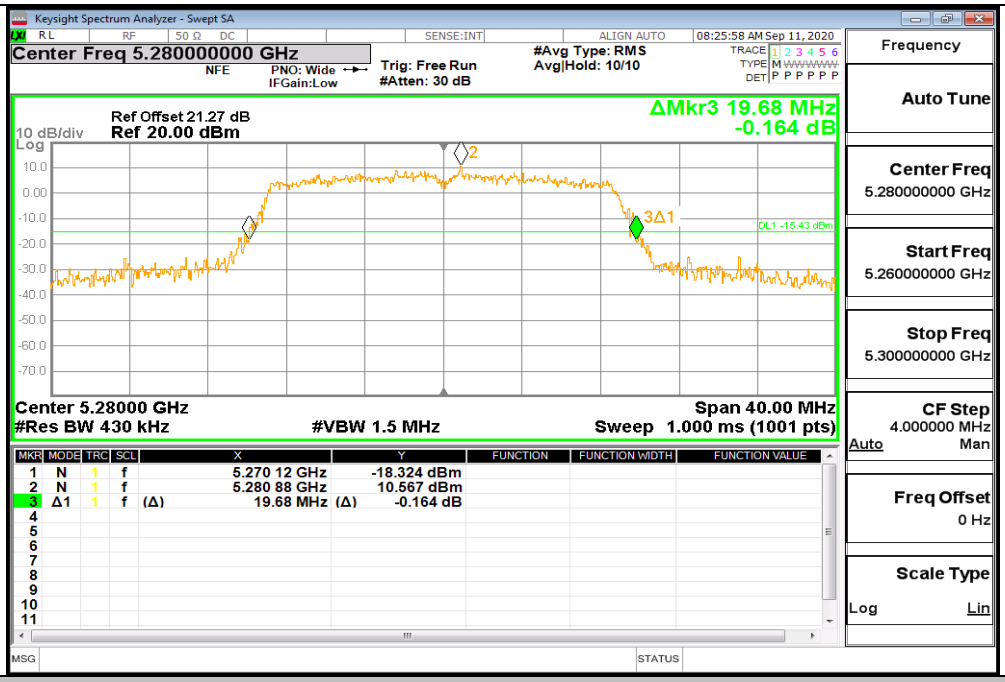

11AC20MIMO_Ant1_5240


11AC20MIMO_Ant2_5240


11AC20MIMO_Ant1_5260

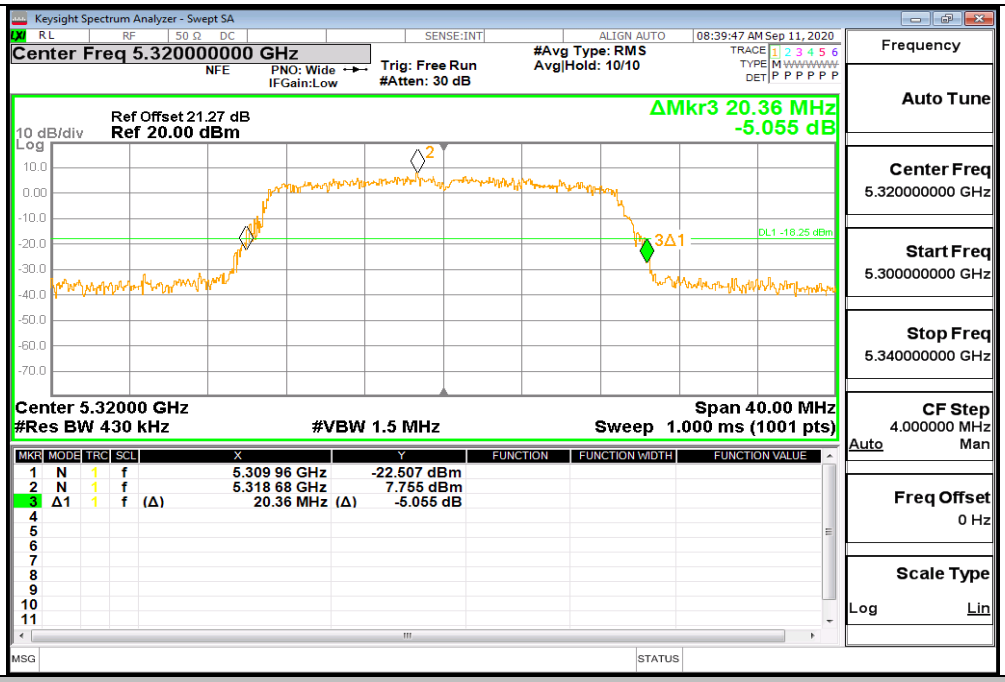



11AC20MIMO_Ant2_5260



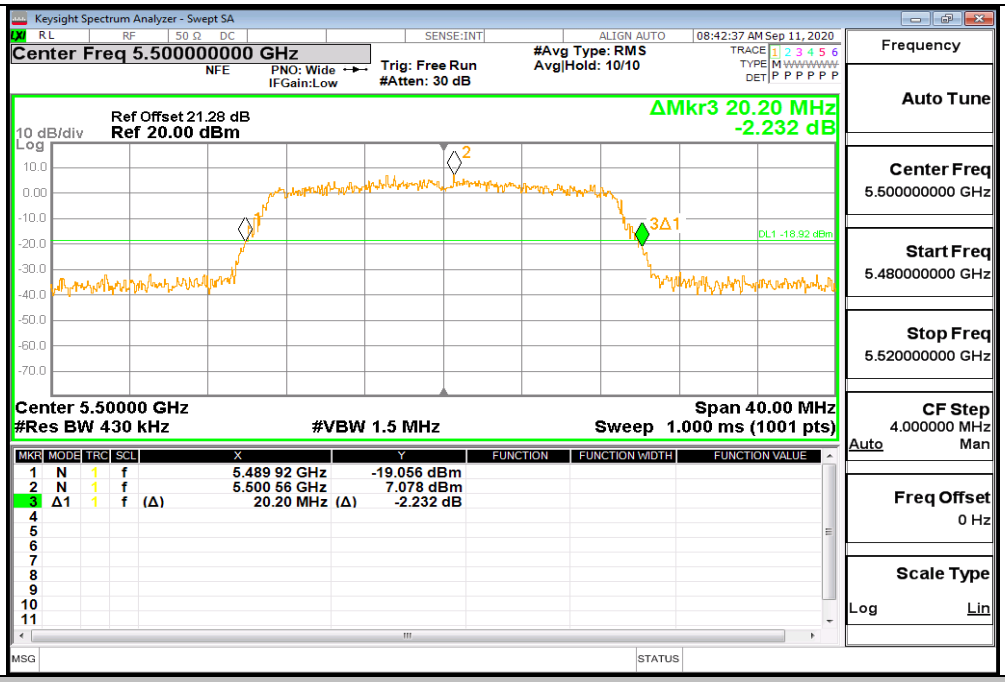

11AC20MIMO_Ant1_5280


11AC20MIMO_Ant2_5280



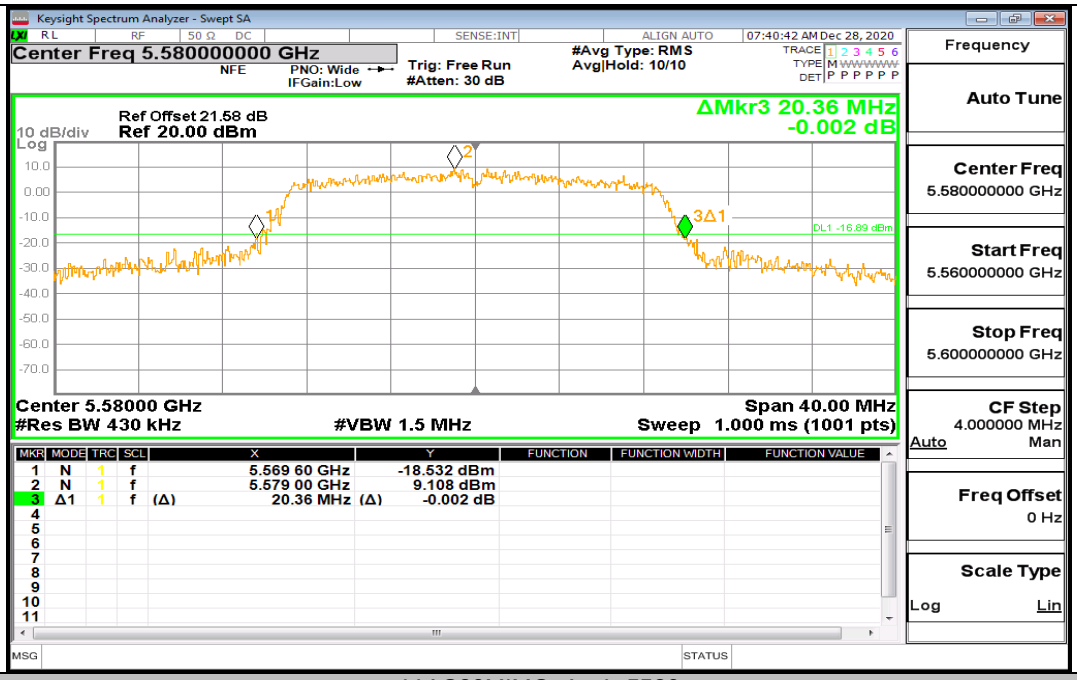

11AC20MIMO_Ant1_5320


11AC20MIMO_Ant2_5320

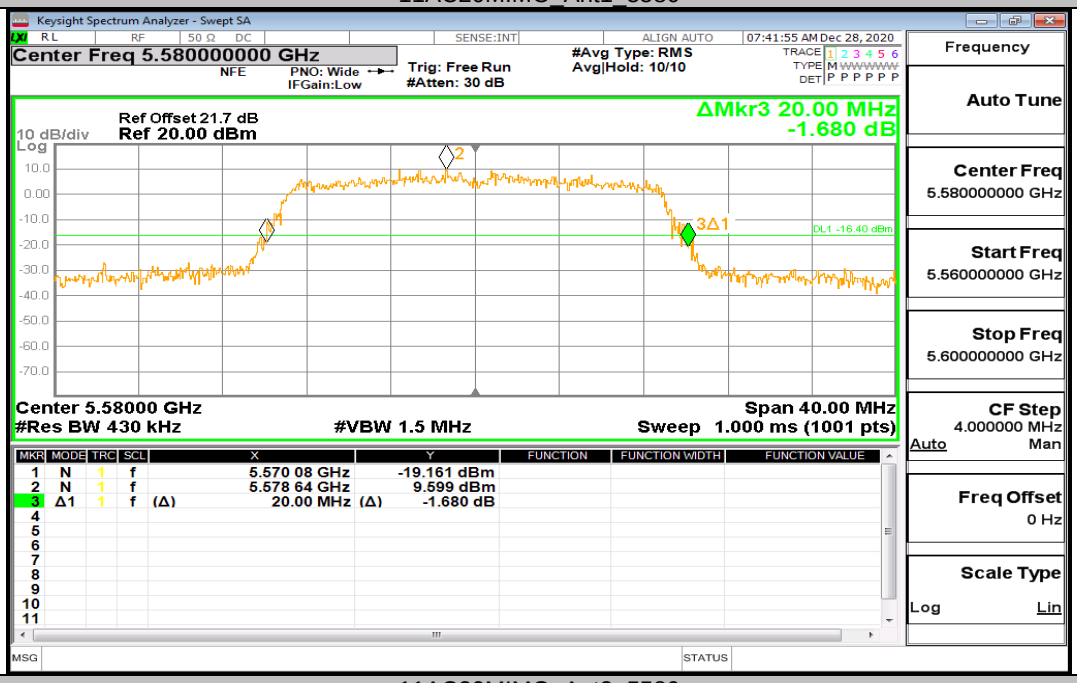



11AC20MIMO_Ant1_5500


11AC20MIMO_Ant2_5500




11AC20MIMO_Ant1_5580



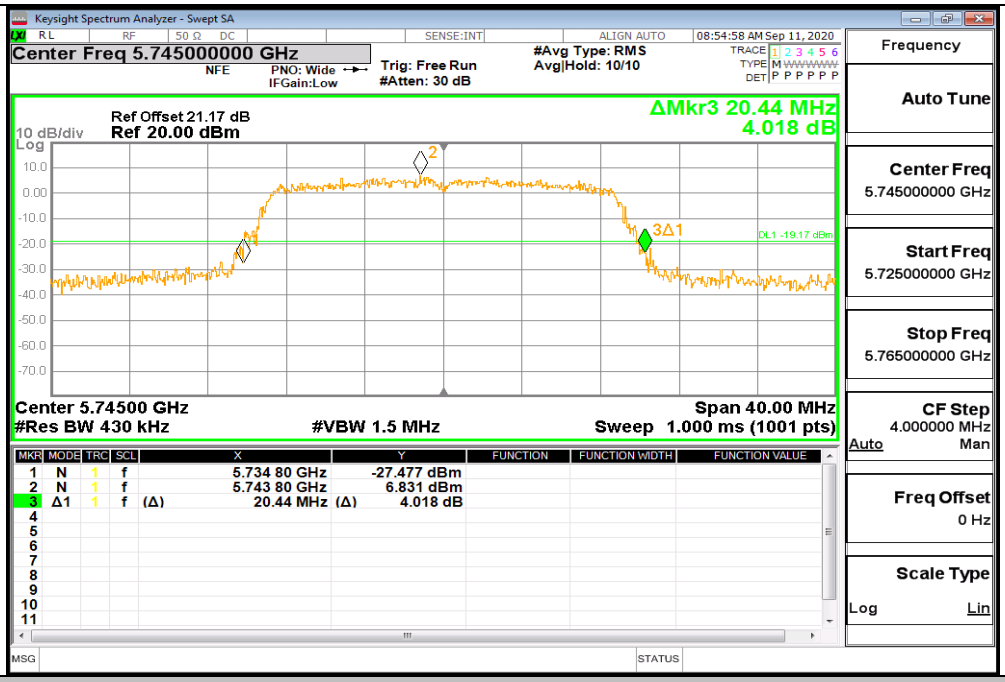

11AC20MIMO_Ant2_5580


11AC20MIMO_Ant1_5700


11AC20MIMO_Ant2_5700


11AC20MIMO_Ant1_5720


11AC20MIMO_Ant2_5720




11AC20MIMO_Ant1_5745


11AC20MIMO_Ant2_5745


11AC20MIMO_Ant1_5785


11AC20MIMO_Ant2_5785


11AC20MIMO_Ant1_5825


11AC20MIMO_Ant2_5825


11AC40MIMO_Ant1_5190


11AC40MIMO_Ant2_5190

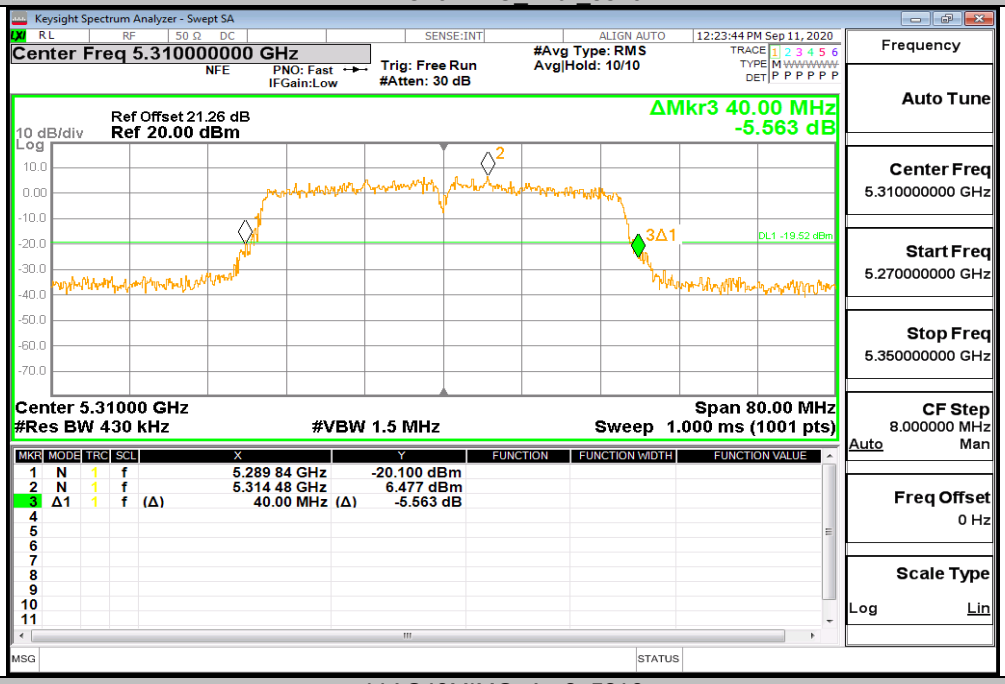

11AC40MIMO_Ant1_5230


11AC40MIMO_Ant2_5230


11AC40MIMO_Ant1_5270


11AC40MIMO_Ant2_5270


11AC40MIMO_Ant1_5310



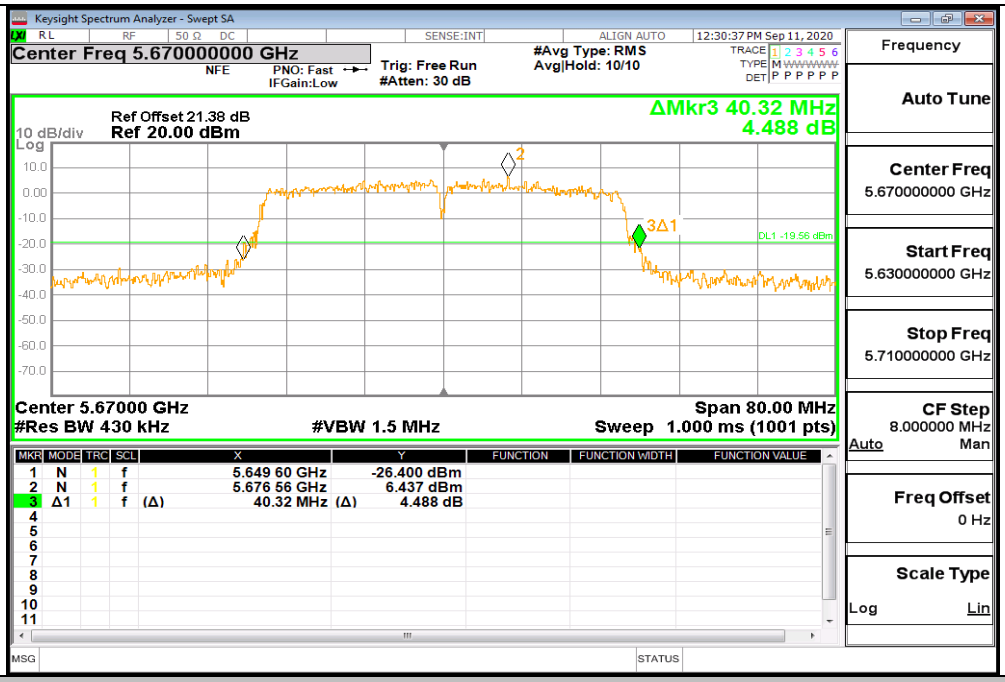

11AC40MIMO_Ant2_5310


11AC40MIMO_Ant1_5510


11AC40MIMO_Ant2_5510

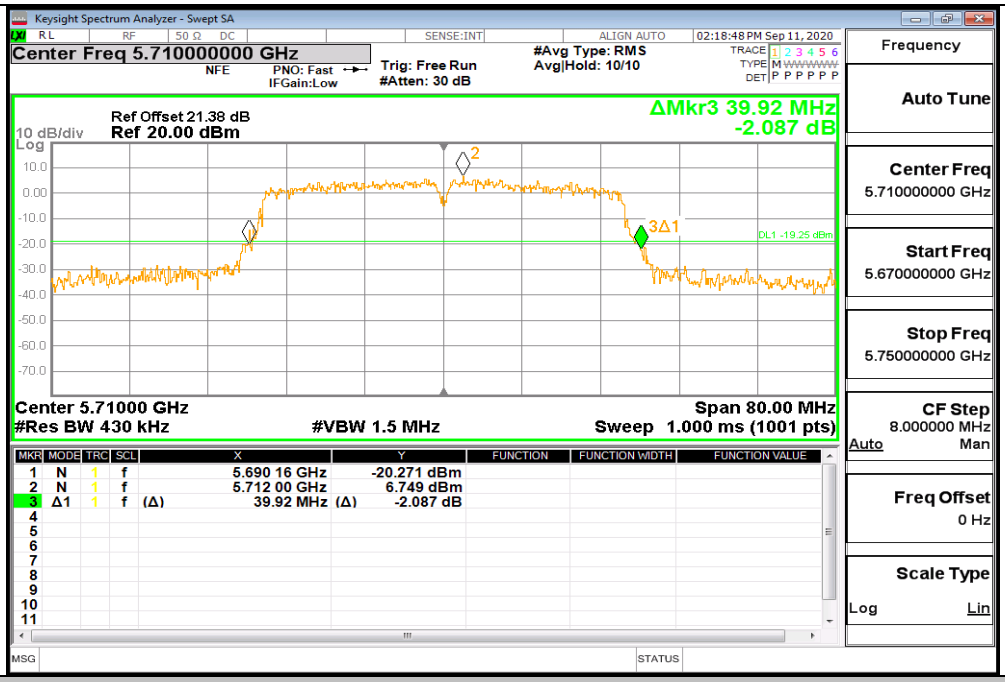

11AC40MIMO_Ant1_5590


11AC40MIMO_Ant2_5590




11AC40MIMO_Ant1_5670


11AC40MIMO_Ant2_5670

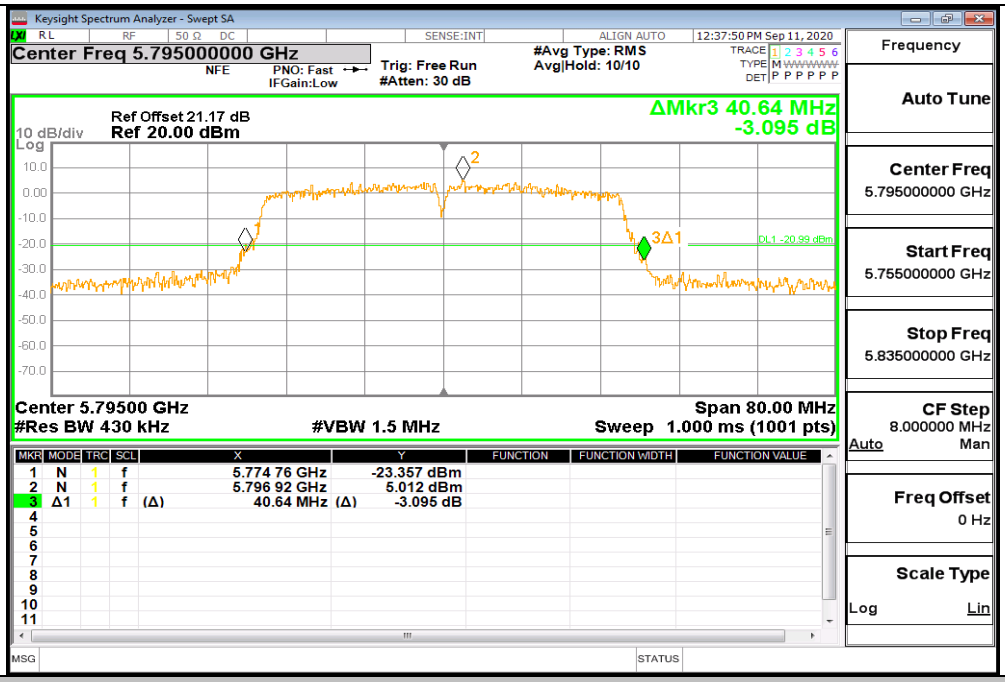



11AC40MIMO_Ant1_5710


11AC40MIMO_Ant2_5710


11AC40MIMO_Ant1_5755


11AC40MIMO_Ant2_5755




11AC40MIMO_Ant1_5795

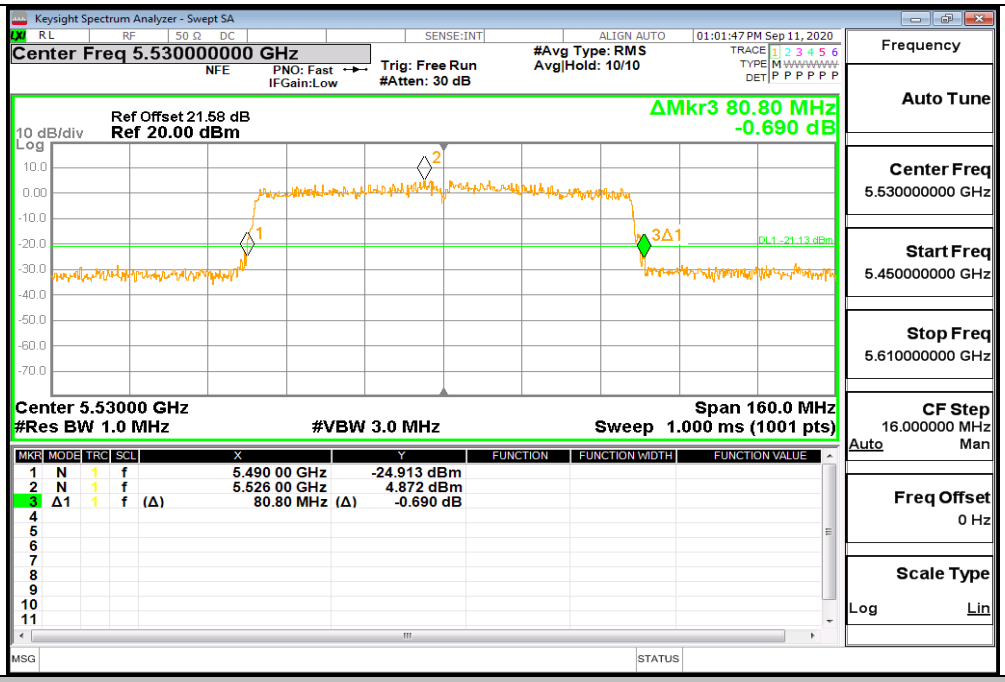

11AC40MIMO_Ant2_5795


11AC80MIMO_Ant1_5210


11AC80MIMO_Ant2_5210

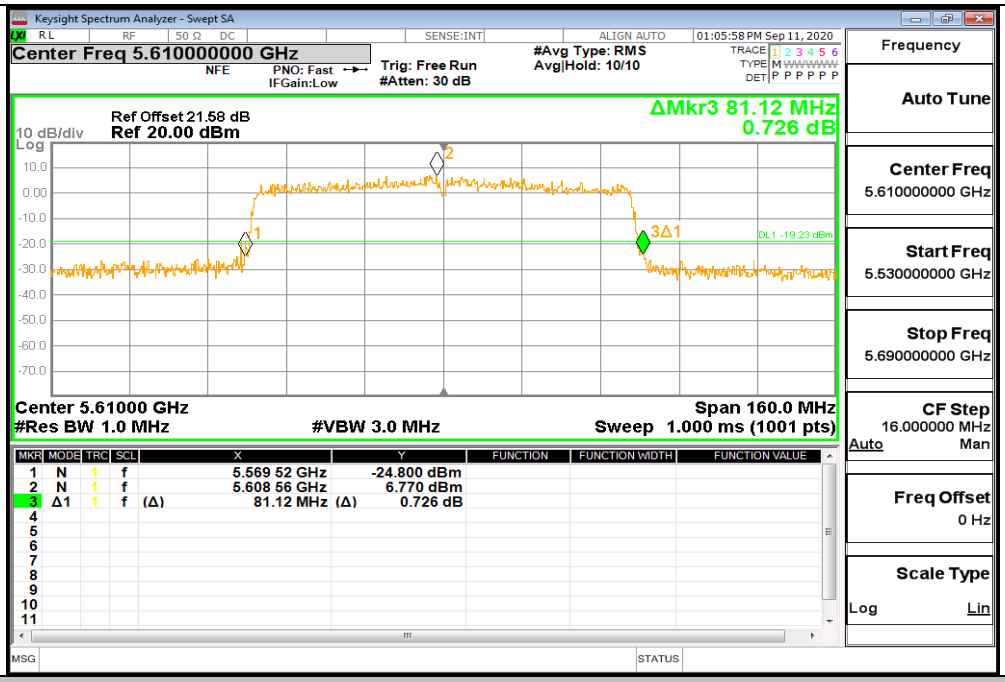

11AC80MIMO_Ant1_5290


11AC80MIMO_Ant2_5290




11AC80MIMO_Ant1_5530


11AC80MIMO_Ant2_5530

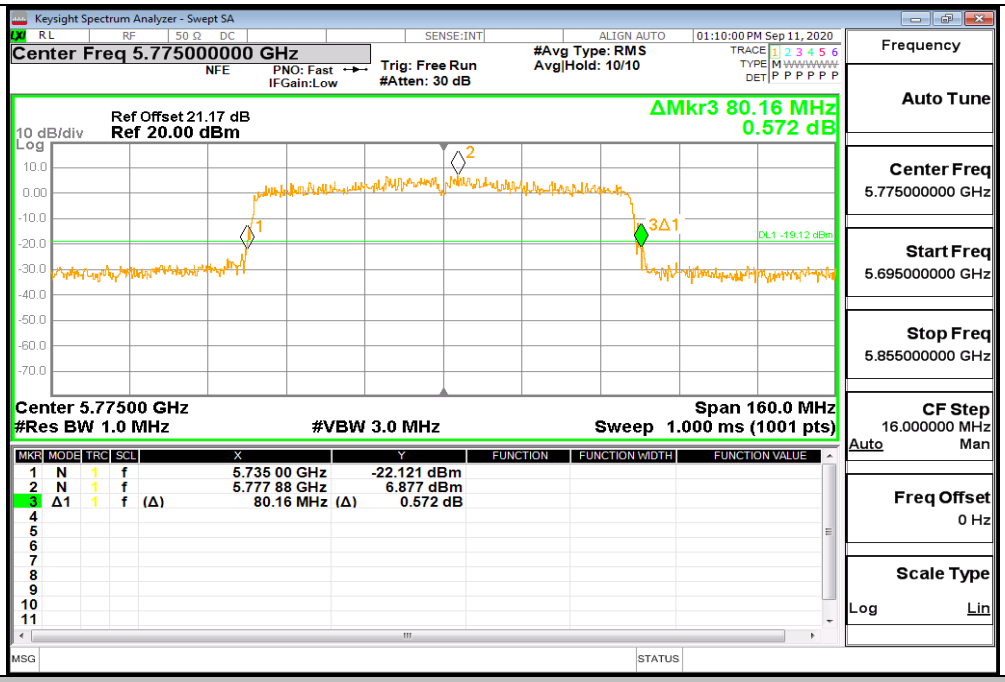



11AC80MIMO_Ant1_5610


11AC80MIMO_Ant2_5610


11AC80MIMO_Ant1_5690


11AC80MIMO_Ant2_5690




11AC80MIMO_Ant1_5775


11AC80MIMO_Ant2_5775

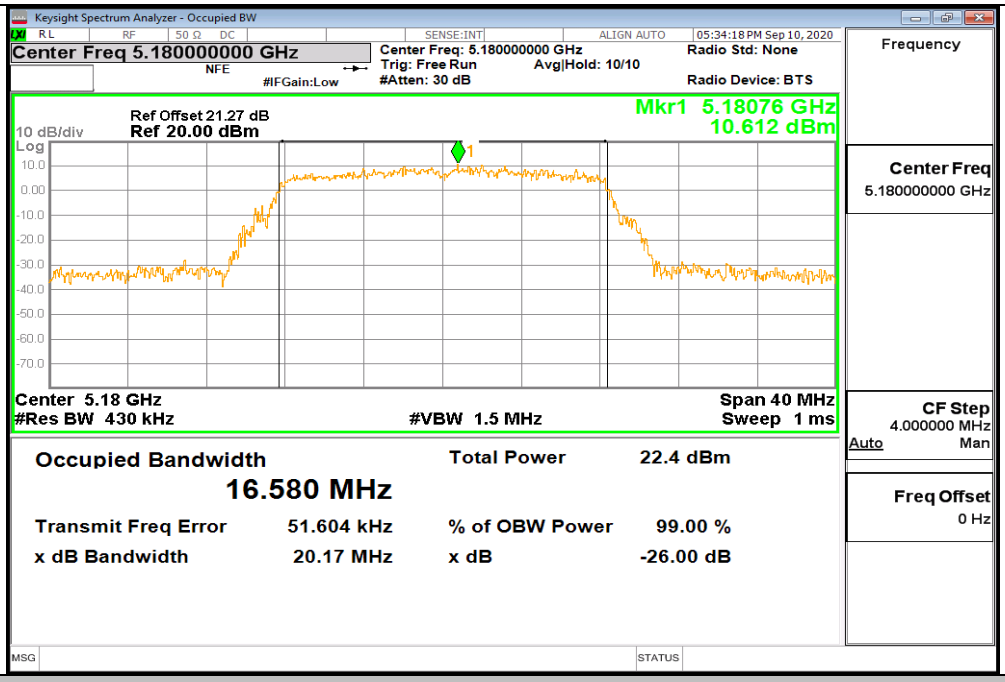
# Appendix A2: Occupied channel bandwidth
## Test Result

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|---|---|---|---|---|---|---|
| 11A | Ant1 | 5180 | 16.580 | 5171.762 | 5188.342 | PASS |
| | Ant2 | 5180 | 16.535 | 5171.783 | 5188.318 | PASS |
| | Ant1 | 5200 | 16.622 | 5191.692 | 5208.314 | PASS |
| | Ant2 | 5200 | 16.800 | 5191.582 | 5208.382 | PASS |
| | Ant1 | 5240 | 16.681 | 5231.667 | 5248.348 | PASS |
| | Ant2 | 5240 | 16.590 | 5231.641 | 5248.231 | PASS |
| | Ant1 | 5260 | 16.574 | 5251.721 | 5268.295 | PASS |
| | Ant2 | 5260 | 16.633 | 5251.727 | 5268.360 | PASS |
| | Ant1 | 5280 | 16.614 | 5271.722 | 5288.336 | PASS |
| | Ant2 | 5280 | 16.581 | 5271.740 | 5288.321 | PASS |
| | Ant1 | 5320 | 16.619 | 5311.698 | 5328.317 | PASS |
| | Ant2 | 5320 | 16.642 | 5311.637 | 5328.279 | PASS |
| | Ant1 | 5500 | 16.543 | 5491.741 | 5508.284 | PASS |
| | Ant2 | 5500 | 16.627 | 5491.662 | 5508.289 | PASS |
| | Ant1 | 5580 | 16.485 | 5571.773 | 5588.258 | PASS |
| | Ant2 | 5580 | 16.621 | 5571.709 | 5588.330 | PASS |
| | Ant1 | 5700 | 16.514 | 5691.752 | 5708.266 | PASS |
| | Ant2 | 5700 | 16.470 | 5691.748 | 5708.218 | PASS |
| | Ant1 | 5720 | 16.524 | 5711.740 | 5728.264 | PASS |
| | Ant2 | 5720 | 16.637 | 5711.621 | 5728.258 | PASS |
| | Ant1 | 5720_UNII-2C | 13.26 | 5711.740 | 5725 | PASS |
| | Ant2 | 5720_UNII-2C | 13.379 | 5711.621 | 5725 | PASS |
| | Ant1 | 5720_UNII-3 | 3.264 | 5725 | 5728.264 | PASS |
| | Ant2 | 5720_UNII-3 | 3.258 | 5725 | 5728.258 | PASS |
| | Ant1 | 5745 | 16.623 | 5736.625 | 5753.248 | PASS |
| | Ant2 | 5745 | 16.602 | 5736.670 | 5753.272 | PASS |
| | Ant1 | 5785 | 16.577 | 5776.706 | 5793.283 | PASS |
| | Ant2 | 5785 | 16.700 | 5776.663 | 5793.363 | PASS |
| | Ant1 | 5825 | 16.672 | 5816.676 | 5833.348 | PASS |
| | Ant2 | 5825 | 16.552 | 5816.711 | 5833.263 | PASS |
| 11N20MIMO | Ant1 | 5180 | 17.670 | 5171.192 | 5188.862 | PASS |
| | Ant2 | 5180 | 17.600 | 5171.252 | 5188.852 | PASS |
| | Ant1 | 5200 | 17.618 | 5191.162 | 5208.780 | PASS |
| | Ant2 | 5200 | 17.725 | 5191.118 | 5208.843 | PASS |
| | Ant1 | 5240 | 17.615 | 5231.163 | 5248.778 | PASS |
| | Ant2 | 5240 | 17.671 | 5231.117 | 5248.788 | PASS |
| | Ant1 | 5260 | 17.604 | 5251.226 | 5268.830 | PASS |
| | Ant2 | 5260 | 17.531 | 5251.255 | 5268.786 | PASS |
| | Ant1 | 5280 | 17.712 | 5271.121 | 5288.833 | PASS |
| | Ant2 | 5280 | 17.688 | 5271.161 | 5288.849 | PASS |
| | Ant1 | 5320 | 17.667 | 5311.138 | 5328.805 | PASS |
| | Ant2 | 5320 | 17.645 | 5311.149 | 5328.794 | PASS |
| | Ant1 | 5500 | 17.564 | 5491.204 | 5508.768 | PASS |
| | Ant2 | 5500 | 17.555 | 5491.247 | 5508.802 | PASS |
| | Ant1 | 5580 | 17.618 | 5571.207 | 5588.825 | PASS |
| | Ant2 | 5580 | 17.645 | 5571.148 | 5588.793 | PASS |
| | Ant1 | 5700 | 17.601 | 5691.207 | 5708.808 | PASS |
| | Ant2 | 5700 | 17.651 | 5691.164 | 5708.815 | PASS |
| | Ant1 | 5720 | 17.680 | 5711.116 | 5728.796 | PASS |
| | Ant2 | 5720 | 17.711 | 5711.100 | 5728.811 | PASS |
| | Ant1 | 5720_UNII-2C | 13.884 | 5711.116 | 5725 | PASS |

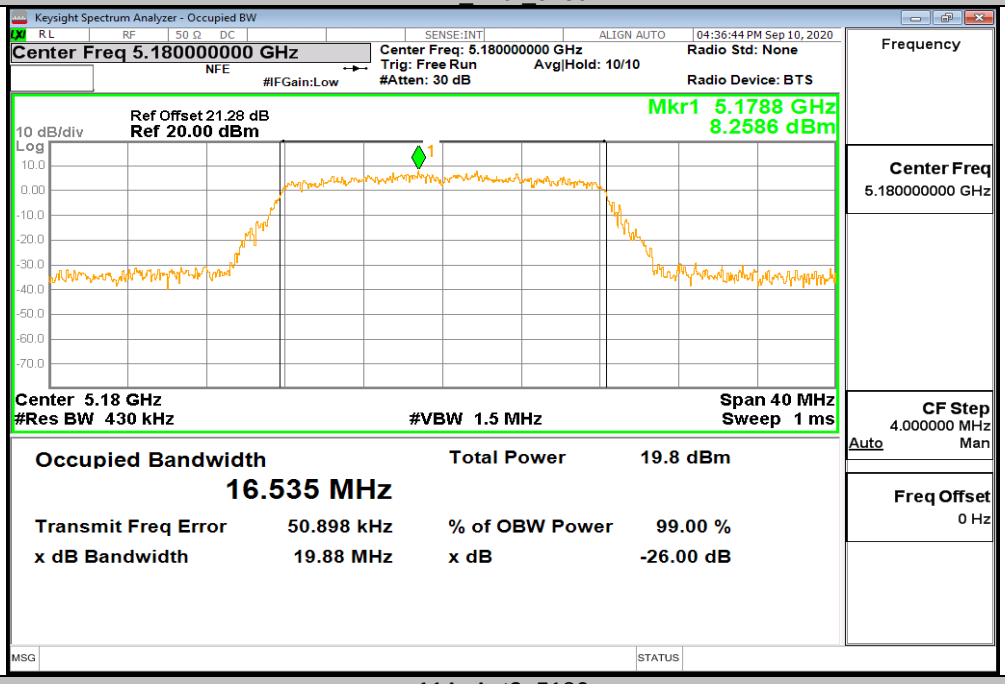
| | | | | | | |
|---|---|---|---|---|---|---|
| | Ant2 | 5720_UNII-2C | 13.9 | 5711.100 | 5725 | PASS |
| | Ant1 | 5720_UNII-3 | 3.796 | 5725 | 5728.796 | PASS |
| | Ant2 | 5720_UNII-3 | 3.811 | 5725 | 5728.811 | PASS |
| | Ant1 | 5745 | 17.680 | 5736.136 | 5753.816 | PASS |
| | Ant2 | 5745 | 17.790 | 5736.129 | 5753.919 | PASS |
| | Ant1 | 5785 | 17.730 | 5776.136 | 5793.866 | PASS |
| | Ant2 | 5785 | 17.584 | 5776.221 | 5793.805 | PASS |
| | Ant1 | 5825 | 17.677 | 5816.184 | 5833.861 | PASS |
| | Ant2 | 5825 | 17.724 | 5816.163 | 5833.887 | PASS |
| 11N40MIMO | Ant1 | 5190 | 35.991 | 5171.961 | 5207.952 | PASS |
| | Ant2 | 5190 | 35.920 | 5172.033 | 5207.953 | PASS |
| | Ant1 | 5230 | 36.047 | 5211.986 | 5248.033 | PASS |
| | Ant2 | 5230 | 35.991 | 5211.960 | 5247.951 | PASS |
| | Ant1 | 5270 | 35.946 | 5251.959 | 5287.905 | PASS |
| | Ant2 | 5270 | 36.005 | 5251.937 | 5287.942 | PASS |
| | Ant1 | 5310 | 36.006 | 5291.925 | 5327.931 | PASS |
| | Ant2 | 5310 | 36.144 | 5291.845 | 5327.989 | PASS |
| | Ant1 | 5510 | 36.195 | 5491.894 | 5528.089 | PASS |
| | Ant2 | 5510 | 35.983 | 5491.932 | 5527.915 | PASS |
| | Ant1 | 5590 | 36.066 | 5571.963 | 5608.029 | PASS |
| | Ant2 | 5590 | 35.987 | 5572.004 | 5607.991 | PASS |
| | Ant1 | 5670 | 36.042 | 5651.882 | 5687.924 | PASS |
| | Ant2 | 5670 | 36.196 | 5651.912 | 5688.108 | PASS |
| | Ant1 | 5710 | 36.046 | 5691.957 | 5728.003 | PASS |
| | Ant2 | 5710 | 36.051 | 5691.986 | 5728.037 | PASS |
| | Ant1 | 5710_UNII-2C | 33.043 | 5691.957 | 5725 | PASS |
| | Ant2 | 5710_UNII-2C | 33.014 | 5691.986 | 5725 | PASS |
| | Ant1 | 5710_UNII-3 | 3.003 | 5725 | 5728.003 | PASS |
| | Ant2 | 5710_UNII-3 | 3.037 | 5725 | 5728.037 | PASS |
| | Ant1 | 5755 | 36.156 | 5736.894 | 5773.050 | PASS |
| | Ant2 | 5755 | 36.004 | 5736.963 | 5772.967 | PASS |
| | Ant1 | 5795 | 36.021 | 5776.994 | 5813.015 | PASS |
| | Ant2 | 5795 | 36.138 | 5776.928 | 5813.066 | PASS |
| 11AC20MIMO | Ant1 | 5180 | 17.667 | 5171.241 | 5188.908 | PASS |
| | Ant2 | 5180 | 17.646 | 5171.198 | 5188.844 | PASS |
| | Ant1 | 5200 | 17.739 | 5191.113 | 5208.852 | PASS |
| | Ant2 | 5200 | 17.666 | 5191.131 | 5208.797 | PASS |
| | Ant1 | 5240 | 17.633 | 5231.109 | 5248.742 | PASS |
| | Ant2 | 5240 | 17.653 | 5231.113 | 5248.766 | PASS |
| | Ant1 | 5260 | 17.626 | 5251.115 | 5268.741 | PASS |
| | Ant2 | 5260 | 17.656 | 5251.127 | 5268.783 | PASS |
| | Ant1 | 5280 | 17.698 | 5271.062 | 5288.760 | PASS |
| | Ant2 | 5280 | 17.679 | 5271.063 | 5288.742 | PASS |
| | Ant1 | 5320 | 17.579 | 5311.179 | 5328.758 | PASS |
| | Ant2 | 5320 | 17.667 | 5311.108 | 5328.775 | PASS |
| | Ant1 | 5500 | 17.513 | 5491.187 | 5508.700 | PASS |
| | Ant2 | 5500 | 17.637 | 5491.155 | 5508.792 | PASS |
| | Ant1 | 5580 | 17.768 | 5571.124 | 5588.892 | PASS |
| | Ant2 | 5580 | 17.603 | 5571.181 | 5588.784 | PASS |
| | Ant1 | 5700 | 17.535 | 5691.185 | 5708.720 | PASS |
| | Ant2 | 5700 | 17.642 | 5691.130 | 5708.772 | PASS |
| | Ant1 | 5720 | 17.696 | 5711.106 | 5728.802 | PASS |
| | Ant2 | 5720 | 17.713 | 5711.079 | 5728.792 | PASS |
| | Ant1 | 5720_UNII-2C | 13.894 | 5711.106 | 5725 | PASS |
| | Ant2 | 5720_UNII-2C | 13.921 | 5711.079 | 5725 | PASS |
| | Ant1 | 5720_UNII-3 | 3.802 | 5725 | 5728.802 | PASS |
| | Ant2 | 5720_UNII-3 | 3.792 | 5725 | 5728.792 | PASS |
| | Ant1 | 5745 | 17.653 | 5736.130 | 5753.783 | PASS |
| | Ant2 | 5745 | 17.693 | 5736.104 | 5753.797 | PASS |
| | Ant1 | 5785 | 17.801 | 5776.006 | 5793.807 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Ant2 | 5785 | 17.684 | 5776.080 | 5793.764 | PASS |
| | Ant1 | 5825 | 17.660 | 5816.114 | 5833.774 | PASS |
| | Ant2 | 5825 | 17.660 | 5816.119 | 5833.779 | PASS |
| 11AC40MIMO | Ant1 | 5190 | 36.112 | 5171.879 | 5207.991 | PASS |
| | Ant2 | 5190 | 36.005 | 5171.926 | 5207.931 | PASS |
| | Ant1 | 5230 | 36.077 | 5211.883 | 5247.960 | PASS |
| | Ant2 | 5230 | 35.944 | 5212.037 | 5247.981 | PASS |
| | Ant1 | 5270 | 36.031 | 5251.965 | 5287.996 | PASS |
| | Ant2 | 5270 | 36.042 | 5251.866 | 5287.908 | PASS |
| | Ant1 | 5310 | 35.930 | 5291.997 | 5327.927 | PASS |
| | Ant2 | 5310 | 35.908 | 5291.928 | 5327.836 | PASS |
| | Ant1 | 5510 | 36.120 | 5491.915 | 5528.035 | PASS |
| | Ant2 | 5510 | 35.871 | 5492.050 | 5527.921 | PASS |
| | Ant1 | 5590 | 36.107 | 5571.878 | 5607.985 | PASS |
| | Ant2 | 5590 | 36.072 | 5571.890 | 5607.962 | PASS |
| | Ant1 | 5670 | 36.176 | 5651.830 | 5688.006 | PASS |
| | Ant2 | 5670 | 36.184 | 5651.830 | 5688.014 | PASS |
| | Ant1 | 5710 | 35.999 | 5691.943 | 5727.942 | PASS |
| | Ant2 | 5710 | 36.300 | 5691.793 | 5728.093 | PASS |
| | Ant1 | 5710_UNII-2C | 33.057 | 5691.943 | 5725 | PASS |
| | Ant2 | 5710_UNII-2C | 33.207 | 5691.793 | 5725 | PASS |
| | Ant1 | 5710_UNII-3 | 2.942 | 5725 | 5727.942 | PASS |
| | Ant2 | 5710_UNII-3 | 3.093 | 5725 | 5728.093 | PASS |
| | Ant1 | 5755 | 36.112 | 5736.895 | 5773.007 | PASS |
| | Ant2 | 5755 | 36.082 | 5736.884 | 5772.966 | PASS |
| | Ant1 | 5795 | 36.094 | 5776.917 | 5813.011 | PASS |
| | Ant2 | 5795 | 36.110 | 5776.978 | 5813.088 | PASS |
| 11AC80MIMO | Ant1 | 5210 | 75.773 | 5172.050 | 5247.823 | PASS |
| | Ant2 | 5210 | 75.545 | 5172.133 | 5247.678 | PASS |
| | Ant1 | 5290 | 75.179 | 5252.231 | 5327.410 | PASS |
| | Ant2 | 5290 | 75.253 | 5252.263 | 5327.516 | PASS |
| | Ant1 | 5530 | 75.564 | 5492.180 | 5567.744 | PASS |
| | Ant2 | 5530 | 75.673 | 5492.171 | 5567.844 | PASS |
| | Ant1 | 5610 | 75.589 | 5572.199 | 5647.788 | PASS |
| | Ant2 | 5610 | 75.332 | 5572.363 | 5647.695 | PASS |
| | Ant1 | 5690 | 75.534 | 5652.165 | 5727.699 | PASS |
| | Ant2 | 5690 | 75.645 | 5652.071 | 5727.716 | PASS |
| | Ant1 | 5690_UNII-2C | 72.835 | 5652.165 | 5725 | PASS |
| | Ant2 | 5690_UNII-2C | 72.929 | 5652.071 | 5725 | PASS |
| | Ant1 | 5690_UNII-3 | 2.699 | 5725 | 5727.699 | PASS |
| | Ant2 | 5690_UNII-3 | 2.716 | 5725 | 5727.716 | PASS |
| | Ant1 | 5775 | 75.228 | 5737.392 | 5812.620 | PASS |
| | Ant2 | 5775 | 75.255 | 5737.266 | 5812.521 | PASS |

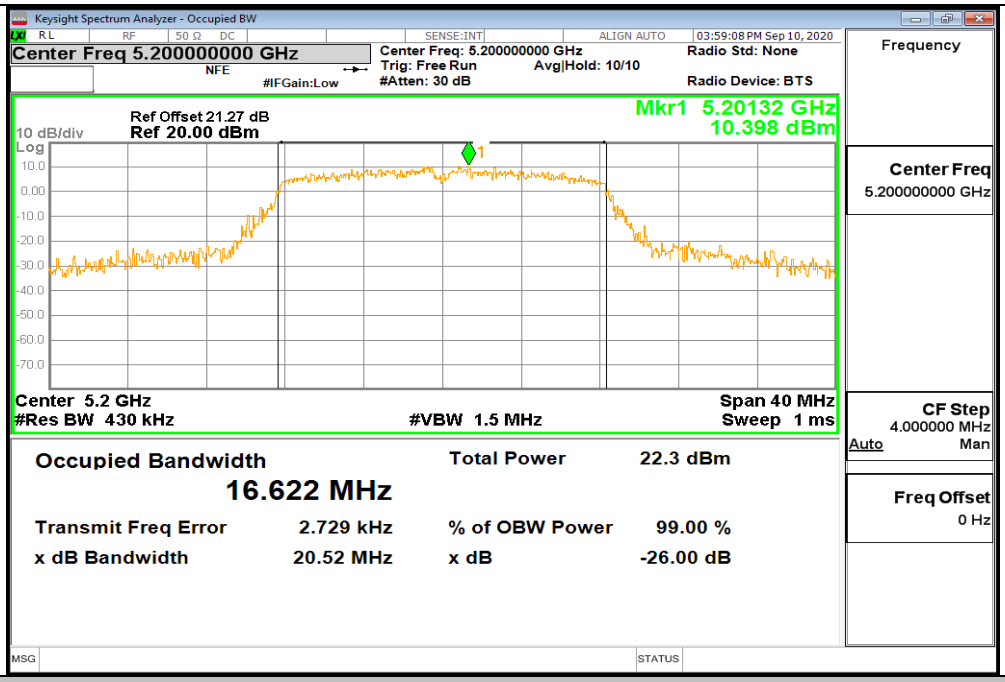
## Test Graphs



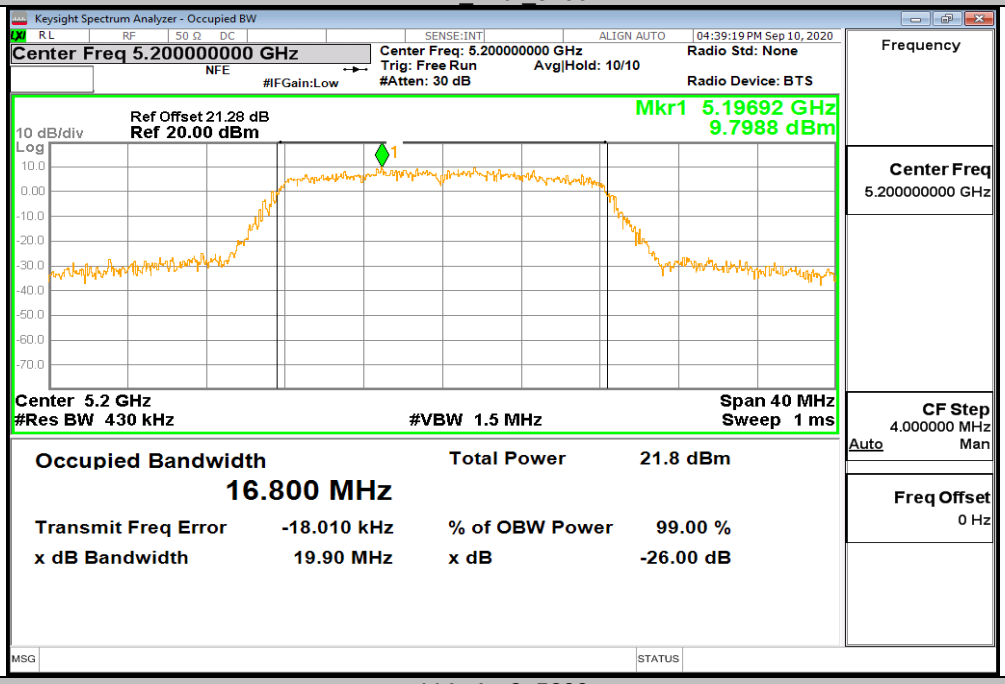

11A_Ant1_5180




11A_Ant2_5180




11A_Ant1_5200

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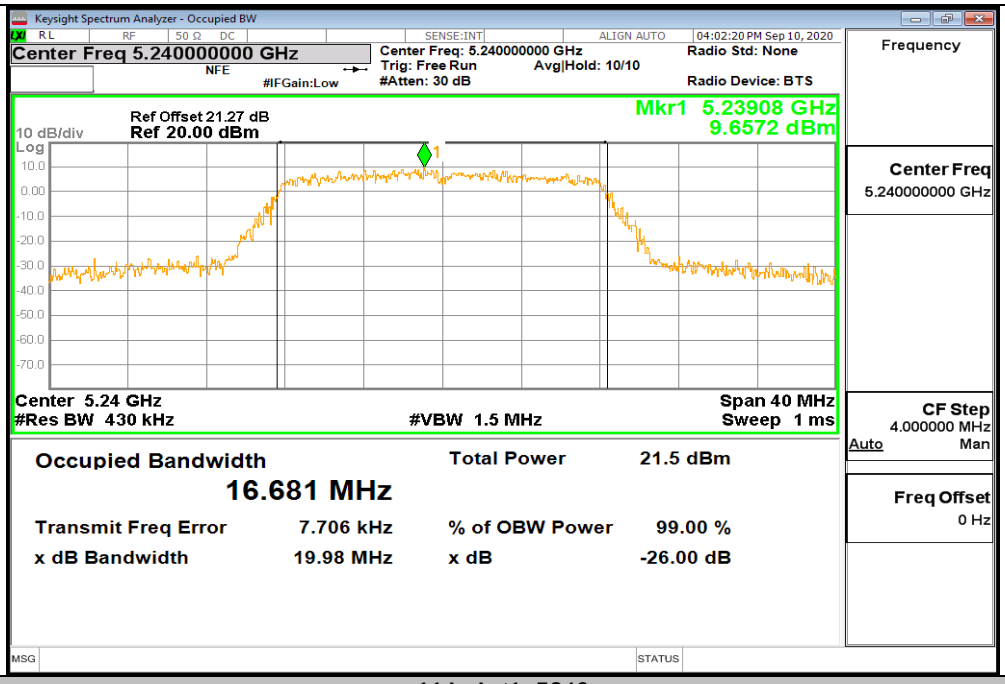


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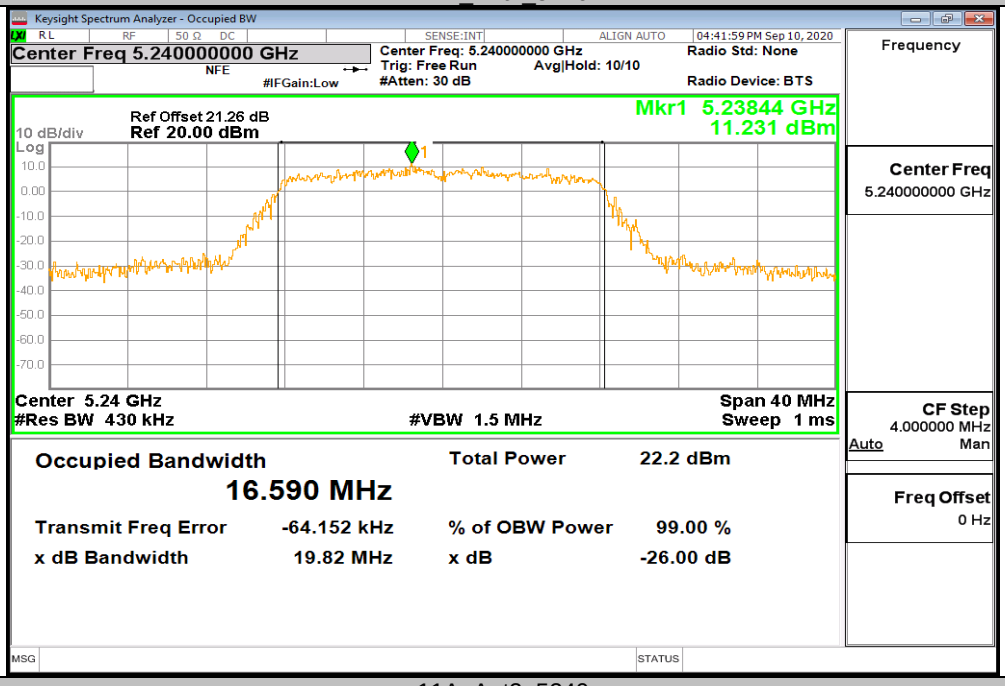


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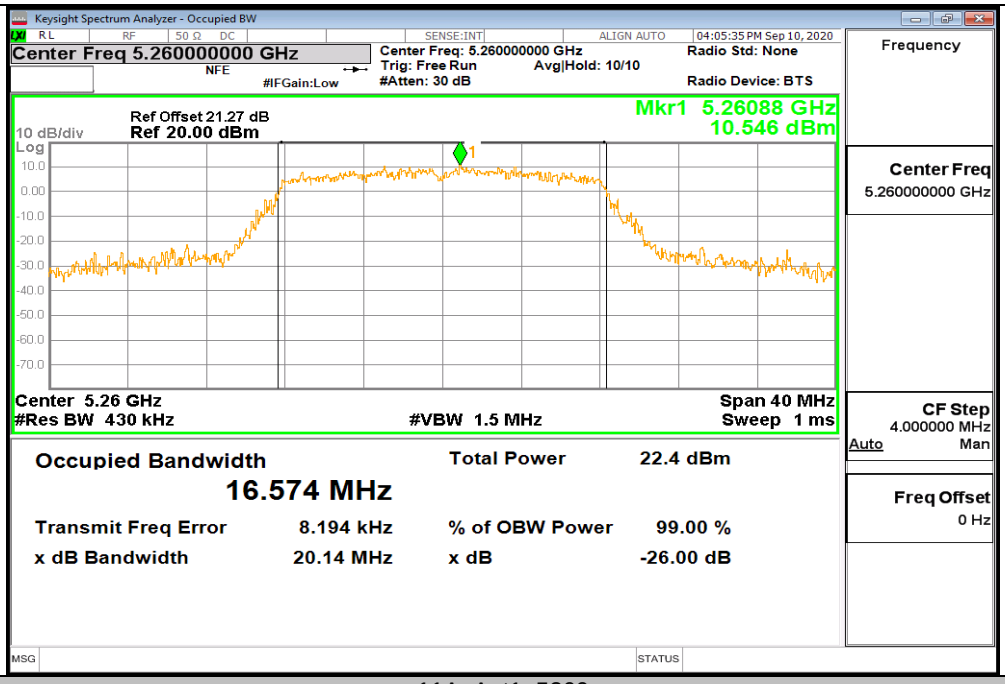


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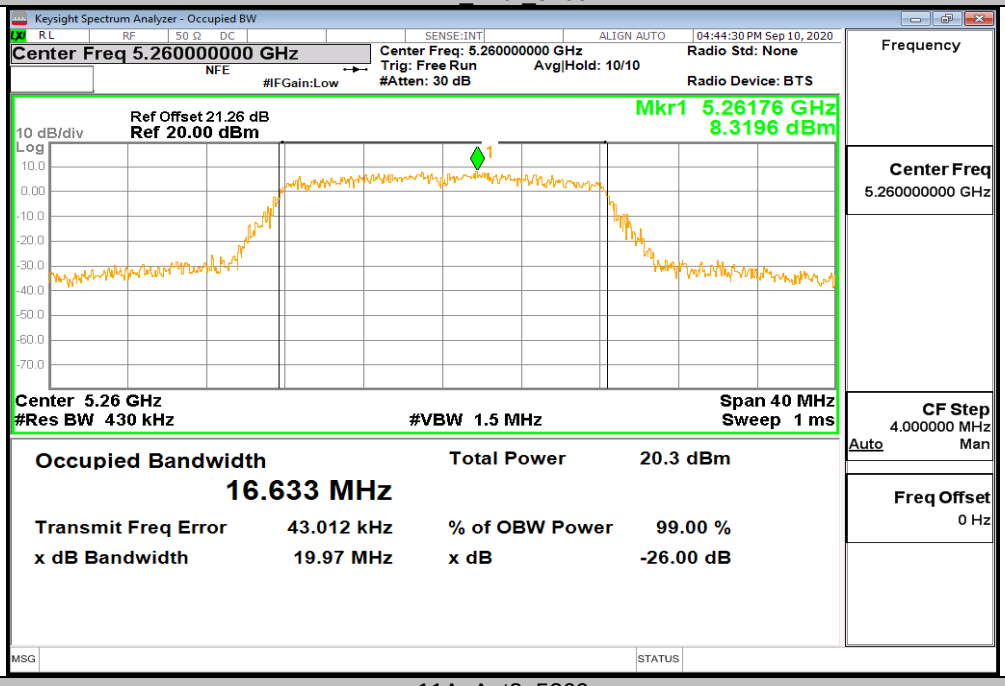


11A_Ant2_5260