



Appendix A1: 26dB Emission Bandwidth

Part I - Test Results

| Test Mode | Antenna | Channel | 26dB EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|----------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 20.17 | 5169.97 | 5190.14 | --- | PASS |
| 11A | Ant2 | 5180 | 19.96 | 5170.05 | 5190.01 | --- | PASS |
| 11A | Ant1 | 5200 | 20.68 | 5189.480 | 5210.160 | --- | PASS |
| 11A | Ant2 | 5200 | 20.76 | 5189.600 | 5194.640 | --- | PASS |
| 11A | Ant1 | 5240 | 21.65 | 5229.26 | 5250.9 | --- | PASS |
| 11A | Ant2 | 5240 | 20.59 | 5229.69 | 5250.28 | --- | PASS |
| 11A | Ant1 | 5260 | 20.7 | 5249.64 | 5270.34 | --- | PASS |
| 11A | Ant2 | 5260 | 20.42 | 5249.86 | 5270.28 | --- | PASS |
| 11A | Ant1 | 5280 | 20.89 | 5269.91 | 5290.8 | --- | PASS |
| 11A | Ant2 | 5280 | 20.42 | 5269.87 | 5290.29 | --- | PASS |
| 11A | Ant1 | 5300 | 21.73 | 5288.6 | 5310.33 | --- | PASS |
| 11A | Ant2 | 5300 | 20.42 | 5289.93 | 5310.35 | --- | PASS |
| 11A | Ant1 | 5320 | 20.42 | 5309.83 | 5330.25 | --- | PASS |
| 11A | Ant2 | 5320 | 20.51 | 5309.6 | 5330.11 | --- | PASS |
| 11A | Ant1 | 5500 | 20.52 | 5489.7 | 5510.23 | --- | PASS |
| 11A | Ant2 | 5500 | 20.26 | 5489.83 | 5510.09 | --- | PASS |
| 11A | Ant1 | 5520 | 20.59 | 5509.69 | 5530.28 | --- | PASS |
| 11A | Ant2 | 5520 | 20.41 | 5509.69 | 5530.1 | --- | PASS |
| 11A | Ant1 | 5580 | 21.87 | 5569.3 | 5591.17 | --- | PASS |
| 11A | Ant2 | 5580 | 20.42 | 5569.79 | 5590.21 | --- | PASS |
| 11A | Ant1 | 5680 | 22.46 | 5669.54 | 5692.0 | --- | PASS |
| 11A | Ant2 | 5680 | 20.41 | 5669.65 | 5690.07 | --- | PASS |
| 11A | Ant1 | 5700 | 20.21 | 5689.85 | 5710.05 | --- | PASS |
| 11A | Ant2 | 5700 | 20.35 | 5689.99 | 5710.34 | --- | PASS |
| 11A | Ant1 | 5745 | 20.22 | 5734.86 | 5755.08 | --- | PASS |
| 11A | Ant2 | 5745 | 20.4 | 5734.84 | 5755.23 | --- | PASS |
| 11A | Ant1 | 5785 | 20.57 | 5774.8 | 5795.37 | --- | PASS |
| 11A | Ant2 | 5785 | 20.53 | 5774.69 | 5795.22 | --- | PASS |
| 11A | Ant1 | 5805 | 20.2 | 5794.95 | 5815.14 | --- | PASS |
| 11A | Ant2 | 5805 | 20.05 | 5794.99 | 5815.04 | --- | PASS |
| 11A | Ant1 | 5825 | 20.12 | 5814.91 | 5835.03 | --- | PASS |
| 11A | Ant2 | 5825 | 20.29 | 5814.85 | 5835.14 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 20.96 | 5169.51 | 5190.47 | --- | PASS |
| 11N20SISO | Ant2 | 5180 | 20.87 | 5169.59 | 5190.46 | --- | PASS |
| 11N20SISO | Ant1 | 5200 | 21.37 | 5188.97 | 5210.35 | --- | PASS |



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|------------|------|------|--------|----------|----------|-----|------|
| 11N20SISO | Ant2 | 5200 | 20.66 | 5189.72 | 5210.38 | --- | PASS |
| 11N20SISO | Ant1 | 5240 | 20.720 | 5229.760 | 5250.480 | --- | PASS |
| 11N20SISO | Ant2 | 5240 | 21.000 | 5229.640 | 5250.640 | --- | PASS |
| 11N20SISO | Ant1 | 5260 | 22.68 | 5247.9 | 5270.58 | --- | PASS |
| 11N20SISO | Ant2 | 5260 | 20.83 | 5249.67 | 5270.5 | --- | PASS |
| 11N20SISO | Ant1 | 5280 | 21.3 | 5269.61 | 5290.91 | --- | PASS |
| 11N20SISO | Ant2 | 5280 | 20.93 | 5269.51 | 5290.45 | --- | PASS |
| 11N20SISO | Ant1 | 5300 | 22.02 | 5288.46 | 5310.48 | --- | PASS |
| 11N20SISO | Ant2 | 5300 | 20.95 | 5289.62 | 5310.57 | --- | PASS |
| 11N20SISO | Ant1 | 5320 | 20.92 | 5309.62 | 5330.54 | --- | PASS |
| 11N20SISO | Ant2 | 5320 | 20.51 | 5309.84 | 5330.35 | --- | PASS |
| 11N20SISO | Ant1 | 5500 | 20.88 | 5489.74 | 5510.62 | --- | PASS |
| 11N20SISO | Ant2 | 5500 | 20.5 | 5489.7 | 5510.2 | --- | PASS |
| 11N20SISO | Ant1 | 5520 | 20.88 | 5509.74 | 5530.62 | --- | PASS |
| 11N20SISO | Ant2 | 5520 | 20.75 | 5509.61 | 5530.36 | --- | PASS |
| 11N20SISO | Ant1 | 5580 | 21.05 | 5569.59 | 5590.63 | --- | PASS |
| 11N20SISO | Ant2 | 5580 | 20.89 | 5569.49 | 5590.38 | --- | PASS |
| 11N20SISO | Ant1 | 5680 | 23.99 | 5668.82 | 5692.81 | --- | PASS |
| 11N20SISO | Ant2 | 5680 | 20.95 | 5669.58 | 5690.53 | --- | PASS |
| 11N20SISO | Ant1 | 5700 | 20.57 | 5689.67 | 5710.25 | --- | PASS |
| 11N20SISO | Ant2 | 5700 | 20.53 | 5689.76 | 5710.28 | --- | PASS |
| 11N20SISO | Ant1 | 5745 | 20.57 | 5734.81 | 5755.37 | --- | PASS |
| 11N20SISO | Ant2 | 5745 | 20.55 | 5734.73 | 5755.28 | --- | PASS |
| 11N20SISO | Ant1 | 5785 | 20.72 | 5774.60 | 5795.32 | --- | PASS |
| 11N20SISO | Ant2 | 5785 | 20.84 | 5774.60 | 5795.44 | --- | PASS |
| 11N20SISO | Ant1 | 5805 | 20.73 | 5794.69 | 5815.41 | --- | PASS |
| 11N20SISO | Ant2 | 5805 | 20.49 | 5794.65 | 5815.15 | --- | PASS |
| 11N20SISO | Ant1 | 5825 | 20.78 | 5814.72 | 5835.49 | --- | PASS |
| 11N20SISO | Ant2 | 5825 | 20.69 | 5814.72 | 5835.41 | --- | PASS |
| 11N40SISO | Ant1 | 5190 | 41.73 | 5169.18 | 5210.91 | --- | PASS |
| 11N40SISO | Ant2 | 5190 | 41.65 | 5169.44 | 5211.09 | --- | PASS |
| 11N40SISO | Ant1 | 5230 | 45.63 | 5208.88 | 5254.51 | --- | PASS |
| 11N40SISO | Ant2 | 5230 | 42.2 | 5208.57 | 5250.77 | --- | PASS |
| 11N40SISO | Ant1 | 5270 | 41.65 | 5249.26 | 5290.92 | --- | PASS |
| 11N40SISO | Ant2 | 5270 | 42.04 | 5249.11 | 5291.16 | --- | PASS |
| 11N40SISO | Ant1 | 5310 | 41.12 | 5289.42 | 5330.54 | --- | PASS |
| 11N40SISO | Ant2 | 5310 | 41.71 | 5289.31 | 5331.03 | --- | PASS |
| 11N40SISO | Ant1 | 5510 | 41.83 | 5489.21 | 5531.04 | --- | PASS |
| 11N40SISO | Ant2 | 5510 | 42.23 | 5488.82 | 5531.05 | --- | PASS |
| 11N40SISO | Ant1 | 5550 | 44.86 | 5529.29 | 5574.15 | --- | PASS |
| 11N40SISO | Ant2 | 5550 | 41.73 | 5529.02 | 5570.75 | --- | PASS |
| 11N40SISO | Ant1 | 5630 | 46.47 | 5609.29 | 5655.76 | --- | PASS |
| 11N40SISO | Ant2 | 5630 | 41.58 | 5609.01 | 5650.59 | --- | PASS |
| 11N40SISO | Ant1 | 5670 | 41.4 | 5649.56 | 5690.95 | --- | PASS |
| 11N40SISO | Ant2 | 5670 | 41.72 | 5649.06 | 5690.78 | --- | PASS |
| 11N40SISO | Ant1 | 5755 | 42.02 | 5734.12 | 5776.14 | --- | PASS |
| 11N40SISO | Ant2 | 5755 | 41.69 | 5734.29 | 5775.98 | --- | PASS |
| 11N40SISO | Ant1 | 5795 | 41.34 | 5774.38 | 5815.72 | --- | PASS |
| 11N40SISO | Ant2 | 5795 | 41.66 | 5774.0 | 5815.66 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 20.77 | 5169.5 | 5190.27 | --- | PASS |
| 11AC20SISO | Ant2 | 5180 | 20.69 | 5169.57 | 5190.26 | --- | PASS |
| 11AC20SISO | Ant1 | 5200 | 20.91 | 5189.49 | 5210.4 | --- | PASS |



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|------------|------|------|-------|---------|---------|-----|------|
| 11AC20SISO | Ant2 | 5200 | 21.24 | 5189.42 | 5210.66 | --- | PASS |
| 11AC20SISO | Ant1 | 5240 | 21.39 | 5229.52 | 5250.92 | --- | PASS |
| 11AC20SISO | Ant2 | 5240 | 21.3 | 5229.67 | 5250.97 | --- | PASS |
| 11AC20SISO | Ant1 | 5260 | 20.88 | 5249.59 | 5270.47 | --- | PASS |
| 11AC20SISO | Ant2 | 5260 | 20.84 | 5249.53 | 5270.36 | --- | PASS |
| 11AC20SISO | Ant1 | 5280 | 21.63 | 5269.36 | 5290.99 | --- | PASS |
| 11AC20SISO | Ant2 | 5280 | 20.95 | 5269.54 | 5290.49 | --- | PASS |
| 11AC20SISO | Ant1 | 5300 | 20.73 | 5289.67 | 5310.4 | --- | PASS |
| 11AC20SISO | Ant2 | 5300 | 20.98 | 5289.38 | 5310.36 | --- | PASS |
| 11AC20SISO | Ant1 | 5320 | 20.61 | 5309.73 | 5330.34 | --- | PASS |
| 11AC20SISO | Ant2 | 5320 | 20.7 | 5309.62 | 5330.32 | --- | PASS |
| 11AC20SISO | Ant1 | 5500 | 20.83 | 5489.62 | 5510.45 | --- | PASS |
| 11AC20SISO | Ant2 | 5500 | 20.67 | 5489.79 | 5510.46 | --- | PASS |
| 11AC20SISO | Ant1 | 5520 | 25.8 | 5507.59 | 5533.39 | --- | PASS |
| 11AC20SISO | Ant2 | 5520 | 20.78 | 5509.61 | 5530.39 | --- | PASS |
| 11AC20SISO | Ant1 | 5580 | 21.26 | 5569.6 | 5590.86 | --- | PASS |
| 11AC20SISO | Ant2 | 5580 | 20.9 | 5569.76 | 5590.66 | --- | PASS |
| 11AC20SISO | Ant1 | 5680 | 23.65 | 5668.21 | 5691.87 | --- | PASS |
| 11AC20SISO | Ant2 | 5680 | 20.83 | 5669.52 | 5690.35 | --- | PASS |
| 11AC20SISO | Ant1 | 5700 | 20.71 | 5689.58 | 5710.29 | --- | PASS |
| 11AC20SISO | Ant2 | 5700 | 20.79 | 5689.68 | 5710.47 | --- | PASS |
| 11AC20SISO | Ant1 | 5745 | 20.86 | 5734.65 | 5755.51 | --- | PASS |
| 11AC20SISO | Ant2 | 5745 | 20.61 | 5734.73 | 5755.34 | --- | PASS |
| 11AC20SISO | Ant1 | 5785 | 20.69 | 5774.64 | 5795.33 | --- | PASS |
| 11AC20SISO | Ant2 | 5785 | 20.68 | 5774.71 | 5795.4 | --- | PASS |
| 11AC20SISO | Ant1 | 5805 | 20.67 | 5794.71 | 5815.39 | --- | PASS |
| 11AC20SISO | Ant2 | 5805 | 20.73 | 5794.59 | 5815.32 | --- | PASS |
| 11AC20SISO | Ant1 | 5825 | 20.8 | 5814.51 | 5835.31 | --- | PASS |
| 11AC20SISO | Ant2 | 5825 | 20.97 | 5814.5 | 5835.47 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 41.88 | 5169.18 | 5211.06 | --- | PASS |
| 11AC40SISO | Ant2 | 5190 | 42.15 | 5168.89 | 5211.04 | --- | PASS |
| 11AC40SISO | Ant1 | 5230 | 43.28 | 5207.81 | 5251.09 | --- | PASS |
| 11AC40SISO | Ant2 | 5230 | 42.56 | 5209.09 | 5251.65 | --- | PASS |
| 11AC40SISO | Ant1 | 5270 | 46.36 | 5247.4 | 5293.76 | --- | PASS |
| 11AC40SISO | Ant2 | 5270 | 42.18 | 5248.77 | 5290.95 | --- | PASS |
| 11AC40SISO | Ant1 | 5310 | 41.46 | 5289.22 | 5330.68 | --- | PASS |
| 11AC40SISO | Ant2 | 5310 | 42.24 | 5288.98 | 5331.22 | --- | PASS |
| 11AC40SISO | Ant1 | 5510 | 42.0 | 5489.22 | 5531.22 | --- | PASS |
| 11AC40SISO | Ant2 | 5510 | 41.5 | 5489.2 | 5530.7 | --- | PASS |
| 11AC40SISO | Ant1 | 5550 | 46.84 | 5527.07 | 5573.91 | --- | PASS |
| 11AC40SISO | Ant2 | 5550 | 42.21 | 5528.97 | 5571.18 | --- | PASS |
| 11AC40SISO | Ant1 | 5630 | 46.87 | 5607.44 | 5654.31 | --- | PASS |
| 11AC40SISO | Ant2 | 5630 | 41.85 | 5608.8 | 5650.65 | --- | PASS |
| 11AC40SISO | Ant1 | 5670 | 41.49 | 5649.45 | 5690.94 | --- | PASS |
| 11AC40SISO | Ant2 | 5670 | 41.23 | 5649.47 | 5690.7 | --- | PASS |
| 11AC40SISO | Ant1 | 5755 | 41.79 | 5734.36 | 5776.15 | --- | PASS |
| 11AC40SISO | Ant2 | 5755 | 41.51 | 5734.28 | 5775.79 | --- | PASS |
| 11AC40SISO | Ant1 | 5795 | 41.42 | 5774.26 | 5815.68 | --- | PASS |
| 11AC40SISO | Ant2 | 5795 | 41.28 | 5774.32 | 5815.6 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 84.11 | 5167.97 | 5252.09 | --- | PASS |
| 11AC80SISO | Ant2 | 5210 | 83.69 | 5168.23 | 5251.92 | --- | PASS |
| 11AC80SISO | Ant1 | 5290 | 85.15 | 5247.15 | 5332.31 | --- | PASS |



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|-------------|------|------|--------|----------|----------|-----|------|
| 11AC80SISO | Ant2 | 5290 | 83.97 | 5248.1 | 5332.07 | --- | PASS |
| 11AC80SISO | Ant1 | 5530 | 84.87 | 5487.45 | 5572.32 | --- | PASS |
| 11AC80SISO | Ant2 | 5530 | 84.19 | 5487.92 | 5572.12 | --- | PASS |
| 11AC80SISO | Ant1 | 5610 | 83.81 | 5568.05 | 5651.85 | --- | PASS |
| 11AC80SISO | Ant2 | 5610 | 84.33 | 5567.84 | 5652.17 | --- | PASS |
| 11AC80SISO | Ant1 | 5775 | 84.18 | 5732.97 | 5817.15 | --- | PASS |
| 11AC80SISO | Ant2 | 5775 | 83.78 | 5733.1 | 5816.88 | --- | PASS |
| 11AC160SISO | Ant1 | 5250 | 169.37 | 5165.47 | 5334.84 | --- | PASS |
| 11AC160SISO | Ant2 | 5250 | 169.69 | 5166.12 | 5335.81 | --- | PASS |
| 11AC160SISO | Ant1 | 5570 | 169.02 | 5486.73 | 5655.75 | --- | PASS |
| 11AC160SISO | Ant2 | 5570 | 169.98 | 5485.03 | 5655.01 | --- | PASS |
| 11A20CDD | Ant1 | 5180 | 20.86 | 5169.45 | 5190.31 | --- | PASS |
| 11A20CDD | Ant2 | 5180 | 19.86 | 5170.09 | 5189.95 | --- | PASS |
| 11A20CDD | Ant1 | 5200 | 20.67 | 5189.75 | 5210.41 | --- | PASS |
| 11A20CDD | Ant2 | 5200 | 20.69 | 5189.76 | 5210.45 | --- | PASS |
| 11A20CDD | Ant1 | 5240 | 20.34 | 5229.82 | 5250.16 | --- | PASS |
| 11A20CDD | Ant2 | 5240 | 20.56 | 5229.7 | 5250.26 | --- | PASS |
| 11A20CDD | Ant1 | 5260 | 20.65 | 5249.73 | 5270.38 | --- | PASS |
| 11A20CDD | Ant2 | 5260 | 22.22 | 5249.53 | 5271.76 | --- | PASS |
| 11A20CDD | Ant1 | 5280 | 20.88 | 5269.72 | 5290.6 | --- | PASS |
| 11A20CDD | Ant2 | 5280 | 21.31 | 5268.97 | 5290.29 | --- | PASS |
| 11A20CDD | Ant1 | 5300 | 20.7 | 5289.69 | 5310.39 | --- | PASS |
| 11A20CDD | Ant2 | 5300 | 20.67 | 5289.57 | 5310.24 | --- | PASS |
| 11A20CDD | Ant1 | 5320 | 20.29 | 5309.9 | 5330.19 | --- | PASS |
| 11A20CDD | Ant2 | 5320 | 20.27 | 5309.82 | 5330.09 | --- | PASS |
| 11A20CDD | Ant1 | 5500 | 20.56 | 5489.6 | 5510.17 | --- | PASS |
| 11A20CDD | Ant2 | 5500 | 20.02 | 5489.93 | 5509.95 | --- | PASS |
| 11A20CDD | Ant1 | 5520 | 20.5 | 5509.71 | 5530.21 | --- | PASS |
| 11A20CDD | Ant2 | 5520 | 20.35 | 5509.97 | 5530.32 | --- | PASS |
| 11A20CDD | Ant1 | 5580 | 20.59 | 5569.56 | 5590.15 | --- | PASS |
| 11A20CDD | Ant2 | 5580 | 20.28 | 5569.91 | 5590.19 | --- | PASS |
| 11A20CDD | Ant1 | 5680 | 24.46 | 5668.45 | 5692.91 | --- | PASS |
| 11A20CDD | Ant2 | 5680 | 20.32 | 5669.93 | 5690.25 | --- | PASS |
| 11A20CDD | Ant1 | 5700 | 20.36 | 5689.85 | 5710.21 | --- | PASS |
| 11A20CDD | Ant2 | 5700 | 20.43 | 5689.86 | 5710.29 | --- | PASS |
| 11A20CDD | Ant1 | 5745 | 20.4 | 5734.81 | 5755.21 | --- | PASS |
| 11A20CDD | Ant2 | 5745 | 20.47 | 5734.8 | 5755.27 | --- | PASS |
| 11A20CDD | Ant1 | 5785 | 20.33 | 5774.91 | 5795.24 | --- | PASS |
| 11A20CDD | Ant2 | 5785 | 20.19 | 5774.95 | 5795.14 | --- | PASS |
| 11A20CDD | Ant1 | 5805 | 20.34 | 5794.83 | 5815.17 | --- | PASS |
| 11A20CDD | Ant2 | 5805 | 20.04 | 5795.02 | 5815.06 | --- | PASS |
| 11A20CDD | Ant1 | 5825 | 20.26 | 5814.78 | 5835.04 | --- | PASS |
| 11A20CDD | Ant2 | 5825 | 20.48 | 5814.84 | 5835.33 | --- | PASS |
| 11N20MIMO | Ant1 | 5180 | 20.800 | 5169.680 | 5190.480 | --- | PASS |
| 11N20MIMO | Ant2 | 5180 | 20.680 | 5169.760 | 5190.440 | --- | PASS |
| 11N20MIMO | Ant1 | 5200 | 20.81 | 5189.72 | 5210.53 | --- | PASS |
| 11N20MIMO | Ant2 | 5200 | 20.71 | 5189.68 | 5210.39 | --- | PASS |
| 11N20MIMO | Ant1 | 5240 | 20.73 | 5229.7 | 5250.43 | --- | PASS |
| 11N20MIMO | Ant2 | 5240 | 20.86 | 5229.58 | 5250.45 | --- | PASS |
| 11N20MIMO | Ant1 | 5260 | 20.87 | 5249.62 | 5270.49 | --- | PASS |
| 11N20MIMO | Ant2 | 5260 | 20.68 | 5249.67 | 5270.35 | --- | PASS |
| 11N20MIMO | Ant1 | 5280 | 21.62 | 5269.6 | 5291.22 | --- | PASS |



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|------------|------|------|-------|---------|---------|-----|------|
| 11N20MIMO | Ant2 | 5280 | 20.6 | 5269.65 | 5290.25 | --- | PASS |
| 11N20MIMO | Ant1 | 5300 | 20.87 | 5289.63 | 5310.5 | --- | PASS |
| 11N20MIMO | Ant2 | 5300 | 20.75 | 5289.75 | 5310.5 | --- | PASS |
| 11N20MIMO | Ant1 | 5320 | 20.59 | 5309.75 | 5330.34 | --- | PASS |
| 11N20MIMO | Ant2 | 5320 | 20.66 | 5309.51 | 5330.18 | --- | PASS |
| 11N20MIMO | Ant1 | 5500 | 20.88 | 5489.60 | 5510.48 | --- | PASS |
| 11N20MIMO | Ant2 | 5500 | 20.80 | 5489.60 | 5510.40 | --- | PASS |
| 11N20MIMO | Ant1 | 5520 | 20.61 | 5509.62 | 5530.23 | --- | PASS |
| 11N20MIMO | Ant2 | 5520 | 20.89 | 5509.5 | 5530.39 | --- | PASS |
| 11N20MIMO | Ant1 | 5580 | 21.17 | 5569.75 | 5590.92 | --- | PASS |
| 11N20MIMO | Ant2 | 5580 | 20.91 | 5569.54 | 5590.46 | --- | PASS |
| 11N20MIMO | Ant1 | 5680 | 24.66 | 5667.79 | 5692.46 | --- | PASS |
| 11N20MIMO | Ant2 | 5680 | 20.84 | 5669.55 | 5690.39 | --- | PASS |
| 11N20MIMO | Ant1 | 5700 | 20.88 | 5689.58 | 5710.46 | --- | PASS |
| 11N20MIMO | Ant2 | 5700 | 20.44 | 5689.84 | 5710.27 | --- | PASS |
| 11N20MIMO | Ant1 | 5745 | 20.77 | 5734.68 | 5755.45 | --- | PASS |
| 11N20MIMO | Ant2 | 5745 | 20.48 | 5734.75 | 5755.23 | --- | PASS |
| 11N20MIMO | Ant1 | 5785 | 20.54 | 5774.73 | 5795.28 | --- | PASS |
| 11N20MIMO | Ant2 | 5785 | 20.58 | 5774.87 | 5795.45 | --- | PASS |
| 11N20MIMO | Ant1 | 5805 | 20.76 | 5794.68 | 5815.44 | --- | PASS |
| 11N20MIMO | Ant2 | 5805 | 20.40 | 5794.80 | 5815.20 | --- | PASS |
| 11N20MIMO | Ant1 | 5825 | 20.62 | 5814.62 | 5835.25 | --- | PASS |
| 11N20MIMO | Ant2 | 5825 | 20.48 | 5814.73 | 5835.2 | --- | PASS |
| 11N40MIMO | Ant1 | 5190 | 41.01 | 5169.4 | 5210.41 | --- | PASS |
| 11N40MIMO | Ant2 | 5190 | 40.85 | 5169.46 | 5210.31 | --- | PASS |
| 11N40MIMO | Ant1 | 5230 | 42.01 | 5208.85 | 5250.86 | --- | PASS |
| 11N40MIMO | Ant2 | 5230 | 40.41 | 5209.83 | 5250.24 | --- | PASS |
| 11N40MIMO | Ant1 | 5270 | 41.58 | 5249.29 | 5290.88 | --- | PASS |
| 11N40MIMO | Ant2 | 5270 | 40.93 | 5249.63 | 5290.56 | --- | PASS |
| 11N40MIMO | Ant1 | 5310 | 41.52 | 5289.15 | 5330.67 | --- | PASS |
| 11N40MIMO | Ant2 | 5310 | 40.58 | 5289.62 | 5330.2 | --- | PASS |
| 11N40MIMO | Ant1 | 5510 | 41.76 | 5489.04 | 5530.8 | --- | PASS |
| 11N40MIMO | Ant2 | 5510 | 40.51 | 5489.41 | 5529.91 | --- | PASS |
| 11N40MIMO | Ant1 | 5550 | 41.7 | 5529.35 | 5571.05 | --- | PASS |
| 11N40MIMO | Ant2 | 5550 | 40.71 | 5529.58 | 5570.29 | --- | PASS |
| 11N40MIMO | Ant1 | 5630 | 42.06 | 5608.78 | 5650.84 | --- | PASS |
| 11N40MIMO | Ant2 | 5630 | 40.98 | 5609.64 | 5650.62 | --- | PASS |
| 11N40MIMO | Ant1 | 5670 | 41.51 | 5649.45 | 5690.96 | --- | PASS |
| 11N40MIMO | Ant2 | 5670 | 40.9 | 5649.52 | 5690.42 | --- | PASS |
| 11N40MIMO | Ant1 | 5755 | 41.59 | 5734.26 | 5775.85 | --- | PASS |
| 11N40MIMO | Ant2 | 5755 | 40.71 | 5734.78 | 5775.49 | --- | PASS |
| 11N40MIMO | Ant1 | 5795 | 41.47 | 5774.39 | 5815.86 | --- | PASS |
| 11N40MIMO | Ant2 | 5795 | 40.81 | 5774.7 | 5815.51 | --- | PASS |
| 11AC20MIMO | Ant1 | 5180 | 21.05 | 5169.42 | 5190.47 | --- | PASS |
| 11AC20MIMO | Ant2 | 5180 | 20.49 | 5169.74 | 5190.23 | --- | PASS |
| 11AC20MIMO | Ant1 | 5200 | 23.26 | 5188.17 | 5211.43 | --- | PASS |
| 11AC20MIMO | Ant2 | 5200 | 20.74 | 5189.61 | 5210.35 | --- | PASS |
| 11AC20MIMO | Ant1 | 5240 | 21.26 | 5229.43 | 5250.69 | --- | PASS |
| 11AC20MIMO | Ant2 | 5240 | 21.91 | 5228.64 | 5250.55 | --- | PASS |
| 11AC20MIMO | Ant1 | 5260 | 22.81 | 5249.22 | 5272.03 | --- | PASS |
| 11AC20MIMO | Ant2 | 5260 | 20.49 | 5249.68 | 5270.17 | --- | PASS |
| 11AC20MIMO | Ant1 | 5280 | 20.84 | 5269.62 | 5290.46 | --- | PASS |



| | | | | | | | |
|------------|------|------|--------|----------|----------|-----|------|
| 11AC20MIMO | Ant2 | 5280 | 20.91 | 5269.48 | 5290.39 | --- | PASS |
| 11AC20MIMO | Ant1 | 5300 | 21.35 | 5289.42 | 5310.77 | --- | PASS |
| 11AC20MIMO | Ant2 | 5300 | 20.77 | 5289.61 | 5310.38 | --- | PASS |
| 11AC20MIMO | Ant1 | 5320 | 21.240 | 5309.400 | 5330.640 | --- | PASS |
| 11AC20MIMO | Ant2 | 5320 | 20.880 | 5309.560 | 5330.440 | --- | PASS |
| 11AC20MIMO | Ant1 | 5500 | 20.89 | 5489.72 | 5510.62 | --- | PASS |
| 11AC20MIMO | Ant2 | 5500 | 20.63 | 5489.77 | 5510.4 | --- | PASS |
| 11AC20MIMO | Ant1 | 5520 | 21.46 | 5509.5 | 5530.96 | --- | PASS |
| 11AC20MIMO | Ant2 | 5520 | 20.72 | 5509.63 | 5530.35 | --- | PASS |
| 11AC20MIMO | Ant1 | 5580 | 24.34 | 5568.48 | 5592.82 | --- | PASS |
| 11AC20MIMO | Ant2 | 5580 | 20.68 | 5569.75 | 5590.43 | --- | PASS |
| 11AC20MIMO | Ant1 | 5680 | 26.18 | 5666.02 | 5692.2 | --- | PASS |
| 11AC20MIMO | Ant2 | 5680 | 21.7 | 5669.46 | 5691.16 | --- | PASS |
| 11AC20MIMO | Ant1 | 5700 | 20.5 | 5689.62 | 5710.12 | --- | PASS |
| 11AC20MIMO | Ant2 | 5700 | 21.08 | 5689.58 | 5710.66 | --- | PASS |
| 11AC20MIMO | Ant1 | 5745 | 20.7 | 5734.72 | 5755.42 | --- | PASS |
| 11AC20MIMO | Ant2 | 5745 | 20.66 | 5734.6 | 5755.26 | --- | PASS |
| 11AC20MIMO | Ant1 | 5785 | 20.59 | 5774.81 | 5795.4 | --- | PASS |
| 11AC20MIMO | Ant2 | 5785 | 20.7 | 5774.68 | 5795.38 | --- | PASS |
| 11AC20MIMO | Ant1 | 5805 | 20.85 | 5794.53 | 5815.38 | --- | PASS |
| 11AC20MIMO | Ant2 | 5805 | 20.68 | 5794.57 | 5815.25 | --- | PASS |
| 11AC20MIMO | Ant1 | 5825 | 20.99 | 5814.51 | 5835.5 | --- | PASS |
| 11AC20MIMO | Ant2 | 5825 | 20.57 | 5814.77 | 5835.33 | --- | PASS |
| 11AC40MIMO | Ant1 | 5190 | 41.78 | 5169.05 | 5210.84 | --- | PASS |
| 11AC40MIMO | Ant2 | 5190 | 41.0 | 5169.58 | 5210.59 | --- | PASS |
| 11AC40MIMO | Ant1 | 5230 | 43.85 | 5206.96 | 5250.81 | --- | PASS |
| 11AC40MIMO | Ant2 | 5230 | 39.97 | 5210.06 | 5250.03 | --- | PASS |
| 11AC40MIMO | Ant1 | 5270 | 43.18 | 5247.29 | 5290.46 | --- | PASS |
| 11AC40MIMO | Ant2 | 5270 | 41.21 | 5249.52 | 5290.74 | --- | PASS |
| 11AC40MIMO | Ant1 | 5310 | 40.92 | 5289.39 | 5330.31 | --- | PASS |
| 11AC40MIMO | Ant2 | 5310 | 41.03 | 5289.6 | 5330.62 | --- | PASS |
| 11AC40MIMO | Ant1 | 5510 | 42.16 | 5488.94 | 5531.1 | --- | PASS |
| 11AC40MIMO | Ant2 | 5510 | 40.95 | 5489.32 | 5530.27 | --- | PASS |
| 11AC40MIMO | Ant1 | 5550 | 47.55 | 5526.96 | 5574.5 | --- | PASS |
| 11AC40MIMO | Ant2 | 5550 | 41.26 | 5529.52 | 5570.78 | --- | PASS |
| 11AC40MIMO | Ant1 | 5630 | 53.86 | 5600.88 | 5654.74 | --- | PASS |
| 11AC40MIMO | Ant2 | 5630 | 41.03 | 5609.55 | 5650.58 | --- | PASS |
| 11AC40MIMO | Ant1 | 5670 | 41.43 | 5649.36 | 5690.8 | --- | PASS |
| 11AC40MIMO | Ant2 | 5670 | 40.82 | 5649.4 | 5690.22 | --- | PASS |
| 11AC40MIMO | Ant1 | 5755 | 41.24 | 5734.55 | 5775.8 | --- | PASS |
| 11AC40MIMO | Ant2 | 5755 | 41.05 | 5734.49 | 5775.54 | --- | PASS |
| 11AC40MIMO | Ant1 | 5795 | 41.49 | 5774.02 | 5815.51 | --- | PASS |
| 11AC40MIMO | Ant2 | 5795 | 40.99 | 5774.23 | 5815.22 | --- | PASS |
| 11AC80MIMO | Ant1 | 5210 | 83.74 | 5168.42 | 5252.15 | --- | PASS |
| 11AC80MIMO | Ant2 | 5210 | 83.76 | 5167.97 | 5251.74 | --- | PASS |
| 11AC80MIMO | Ant1 | 5290 | 84.65 | 5247.43 | 5332.08 | --- | PASS |
| 11AC80MIMO | Ant2 | 5290 | 83.35 | 5248.17 | 5331.52 | --- | PASS |
| 11AC80MIMO | Ant1 | 5530 | 85.13 | 5487.85 | 5572.99 | --- | PASS |
| 11AC80MIMO | Ant2 | 5530 | 84.61 | 5487.54 | 5572.15 | --- | PASS |
| 11AC80MIMO | Ant1 | 5610 | 83.62 | 5568.46 | 5652.08 | --- | PASS |
| 11AC80MIMO | Ant2 | 5610 | 82.91 | 5568.8 | 5651.71 | --- | PASS |
| 11AC80MIMO | Ant1 | 5775 | 83.98 | 5732.95 | 5816.93 | --- | PASS |



| | | | | | | | |
|-------------|------|------|--------|---------|---------|-----|------|
| 11AC80MIMO | Ant2 | 5775 | 84.22 | 5733.1 | 5817.32 | --- | PASS |
| 11AC160MIMO | Ant1 | 5250 | 170.63 | 5164.11 | 5334.74 | --- | PASS |
| 11AC160MIMO | Ant2 | 5250 | 168.28 | 5166.05 | 5334.33 | --- | PASS |
| 11AC160MIMO | Ant1 | 5570 | 168.55 | 5487.73 | 5656.28 | --- | PASS |
| 11AC160MIMO | Ant2 | 5570 | 167.51 | 5486.64 | 5654.16 | --- | PASS |



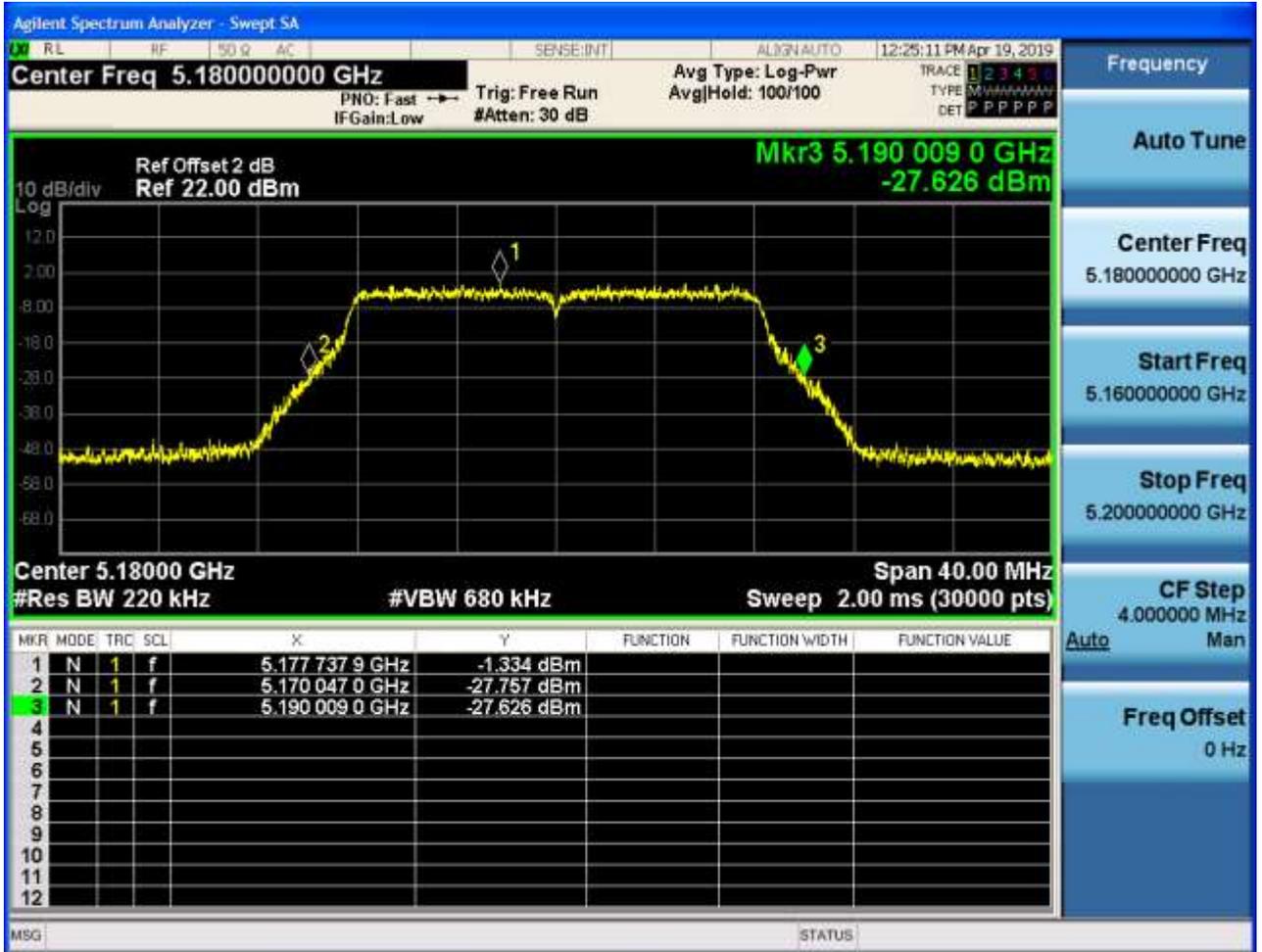
Part II - Test Graphs

1.1 11A_Ant1_5180





1.2 11A_Ant2_5180



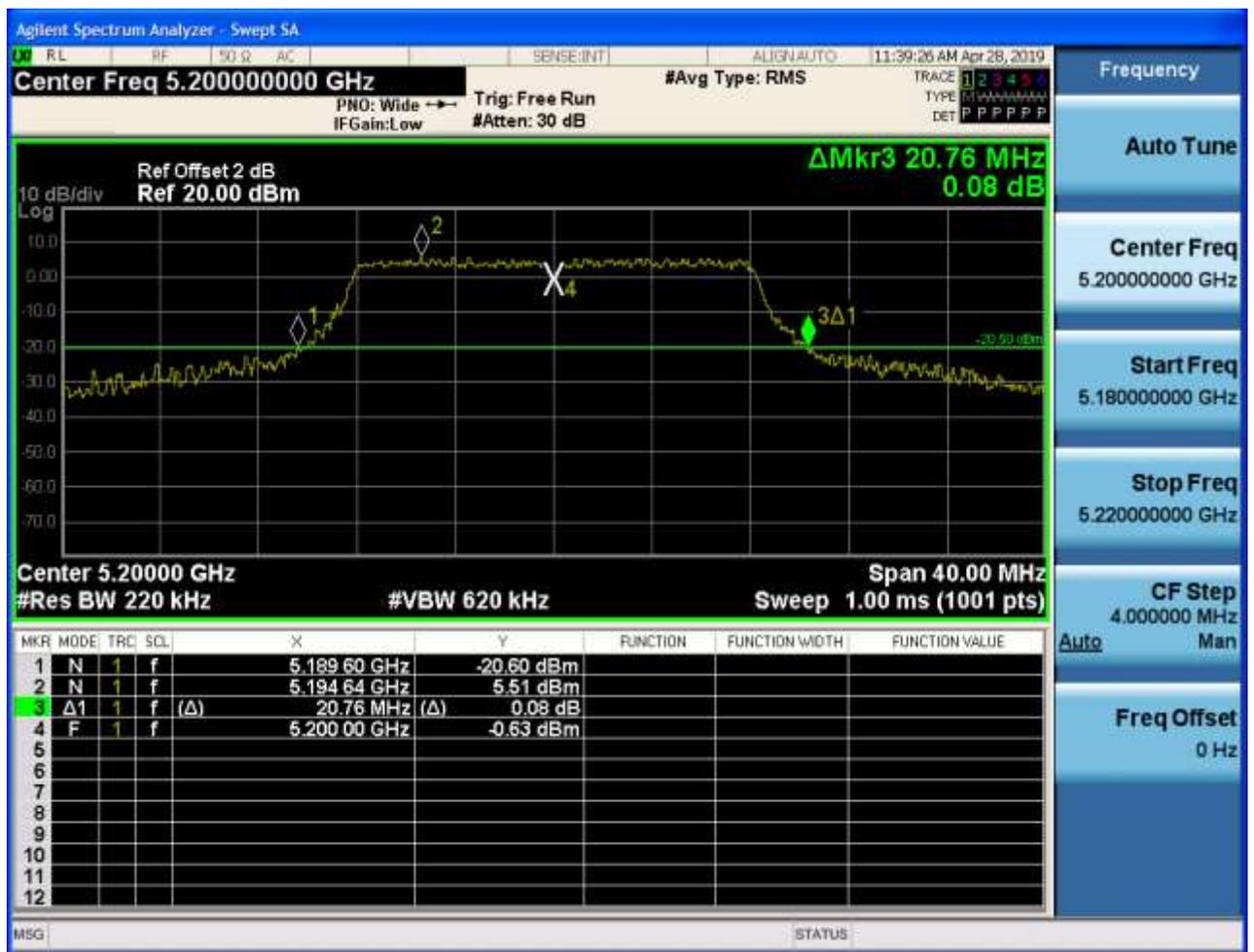


1.3 11A_Ant1_5200



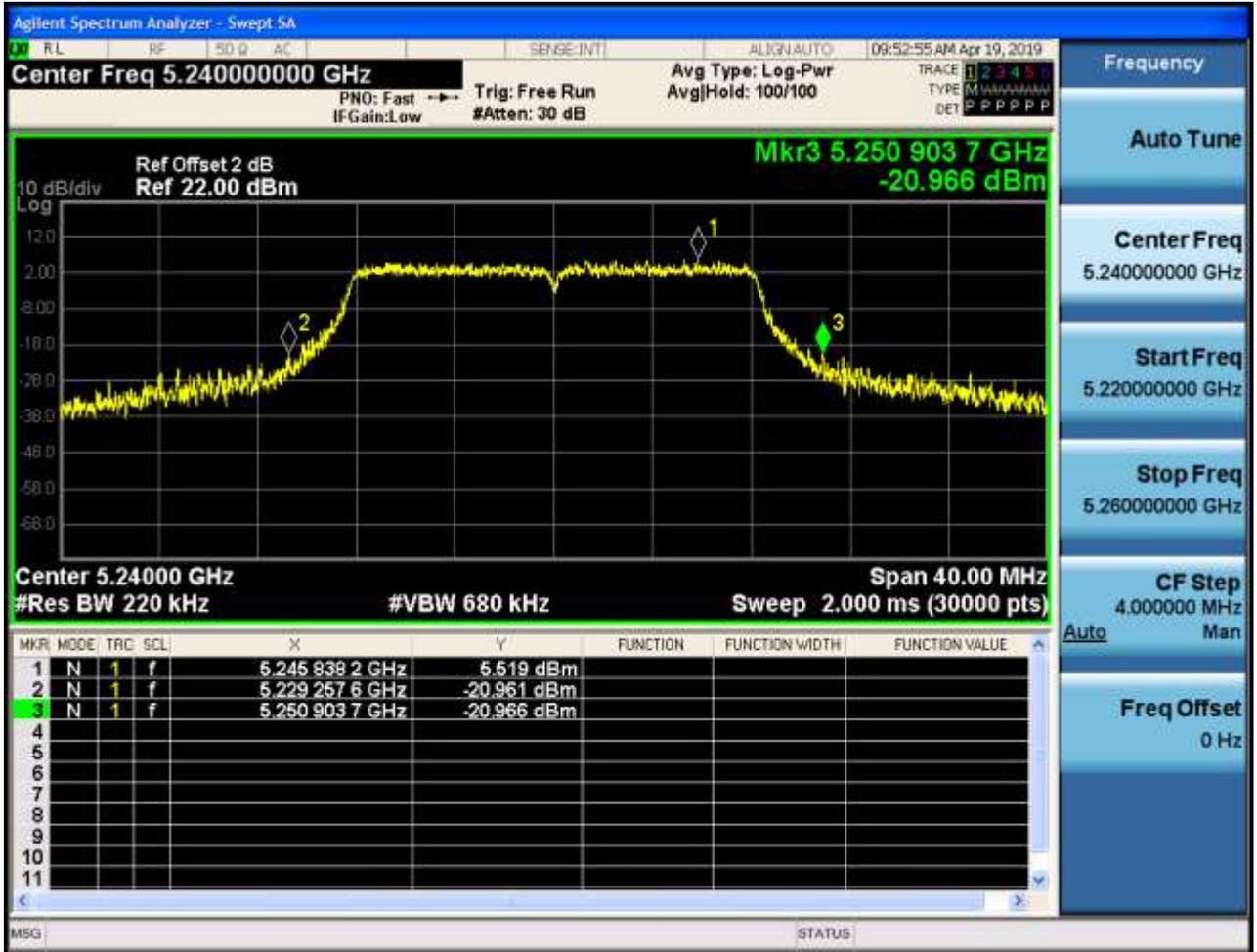


1.4 11A_Ant2_5200





1.5 11A_Ant1_5240





1.6 11A_Ant2_5240





1.7 11A_Ant1_5260



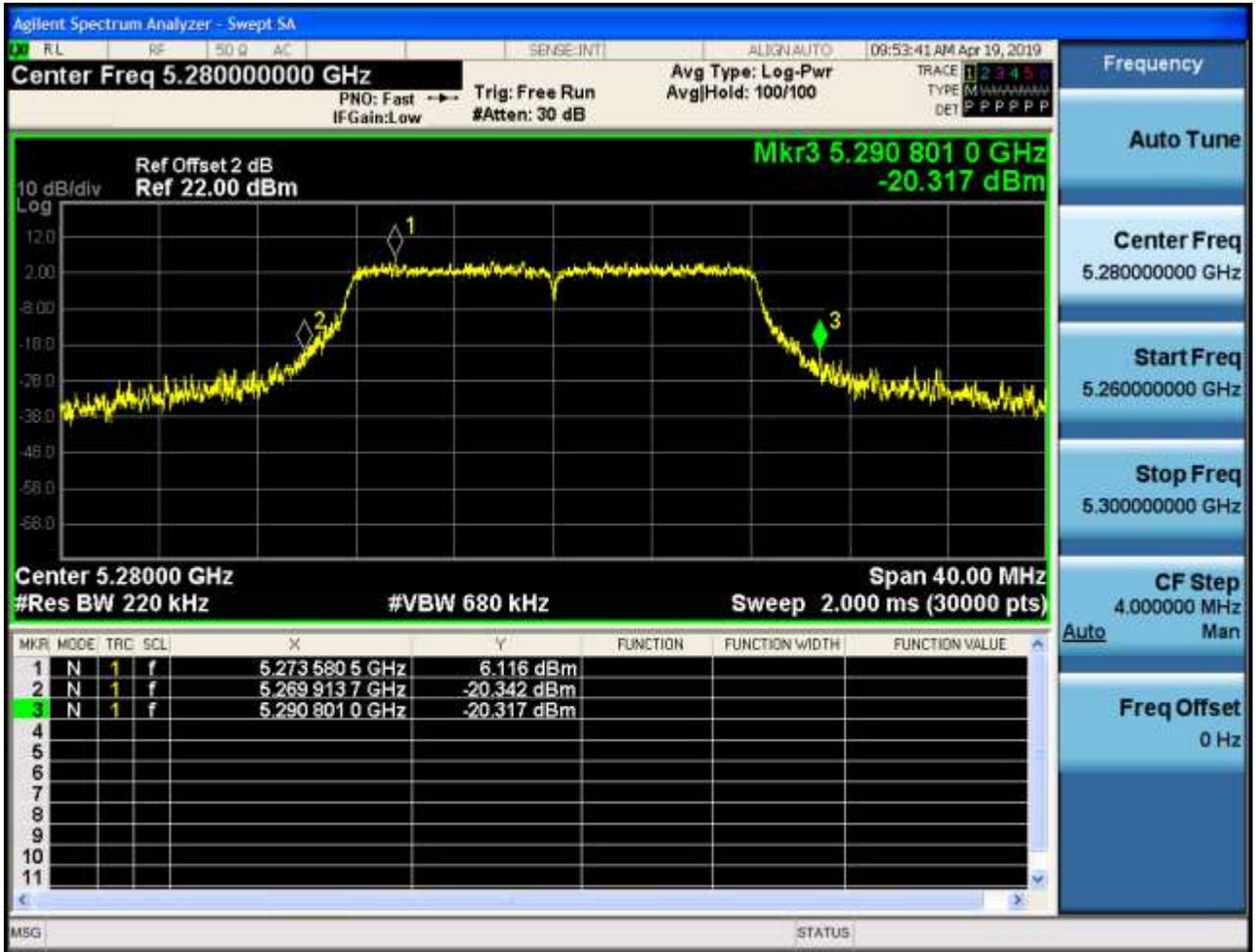


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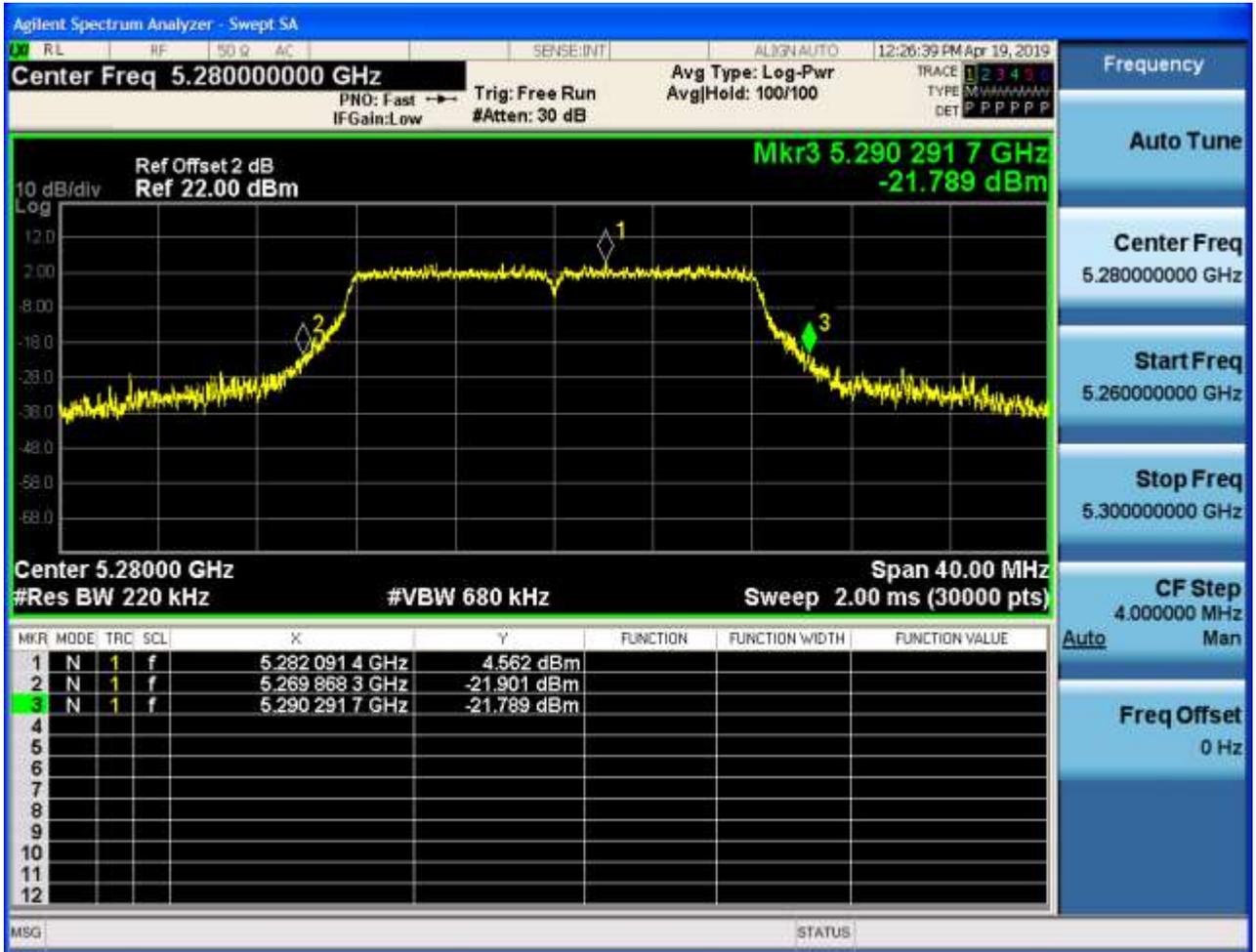


1.9 11A_Ant1_5280



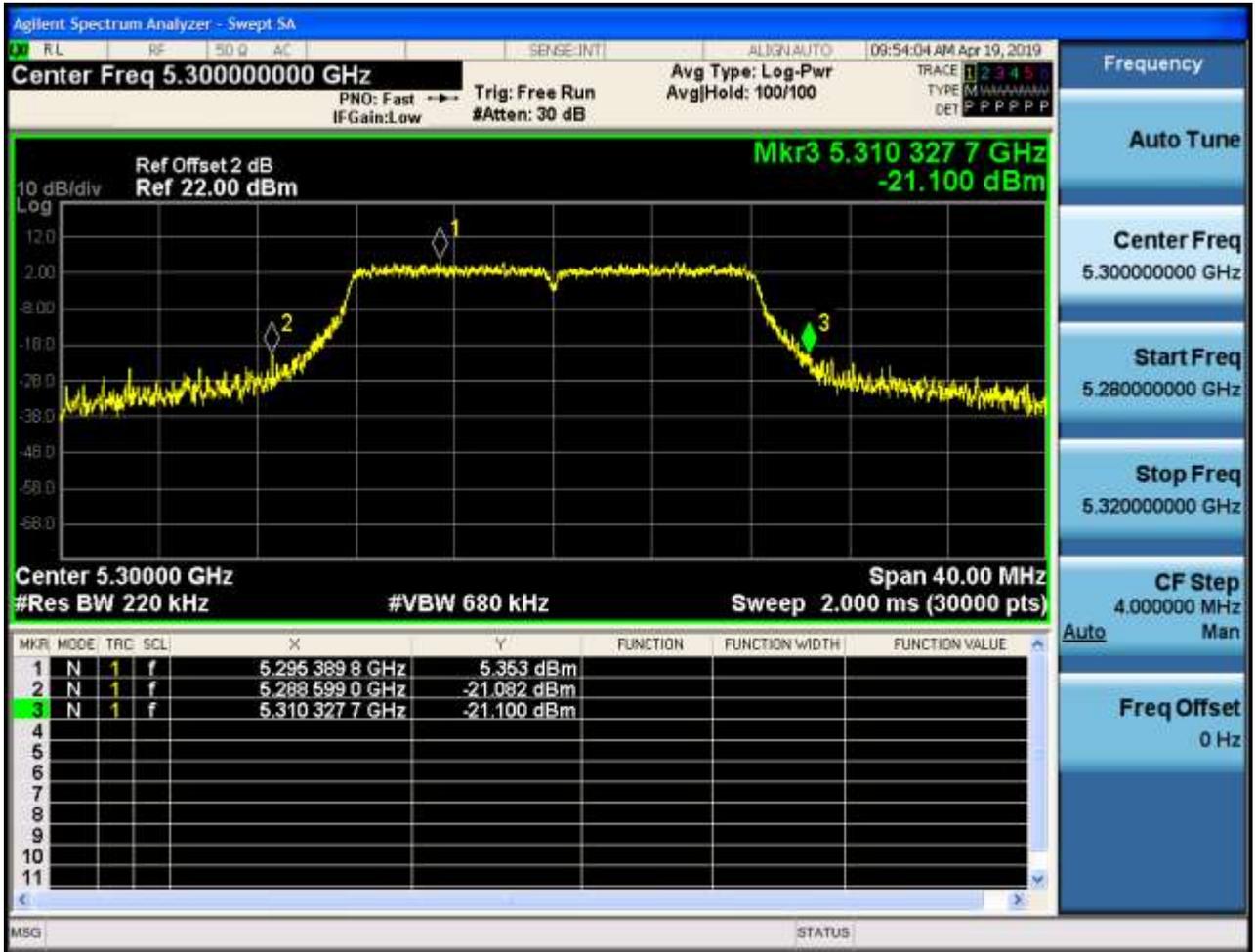


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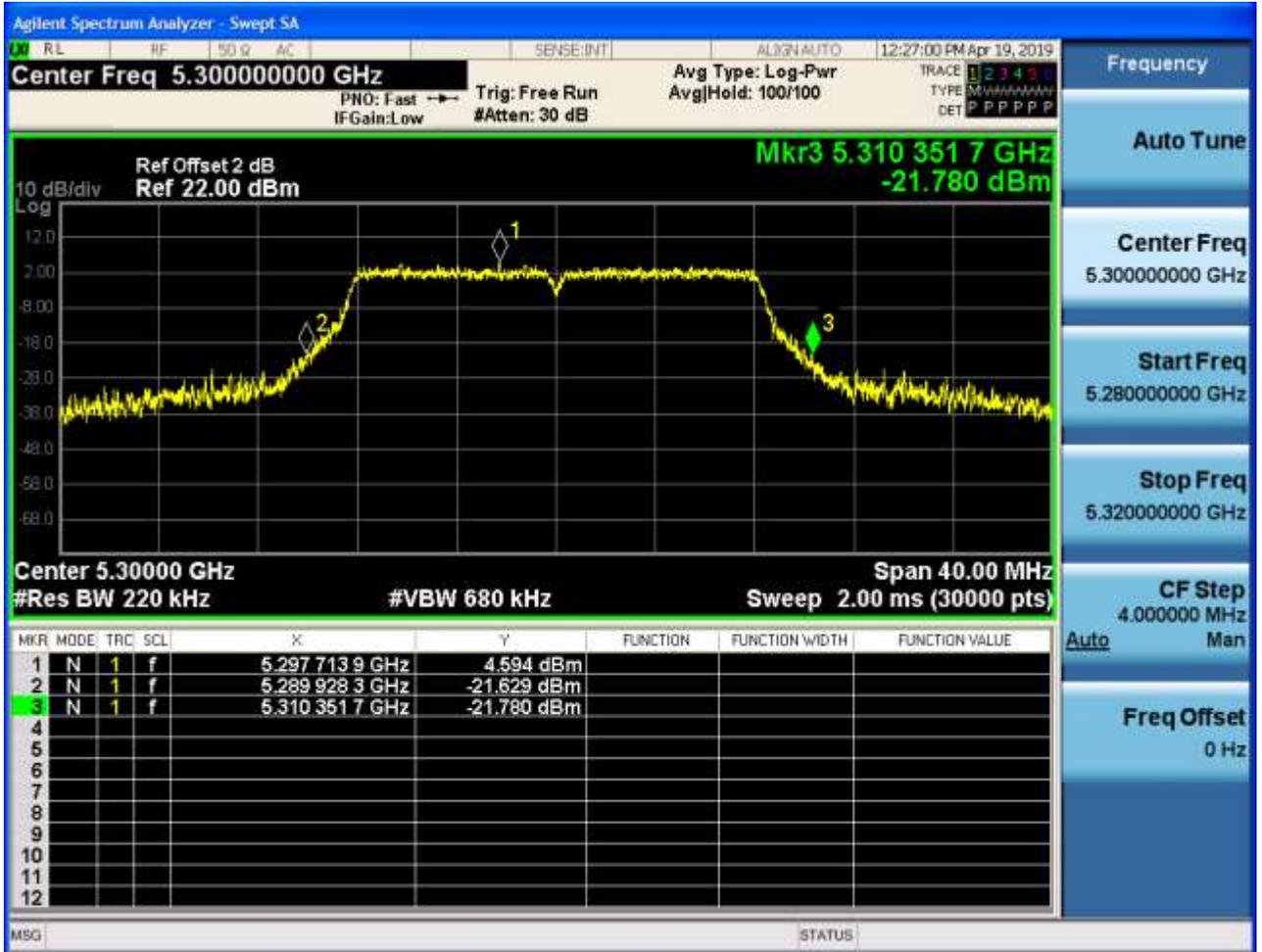


1.11 11A_Ant1_5300





1.12 11A_Ant2_5300





1.13 11A_Ant1_5320





1.14 11A_Ant2_5320





1.15 11A_Ant1_5500





1.16 11A_Ant2_5500





1.17 11A_Ant1_5520



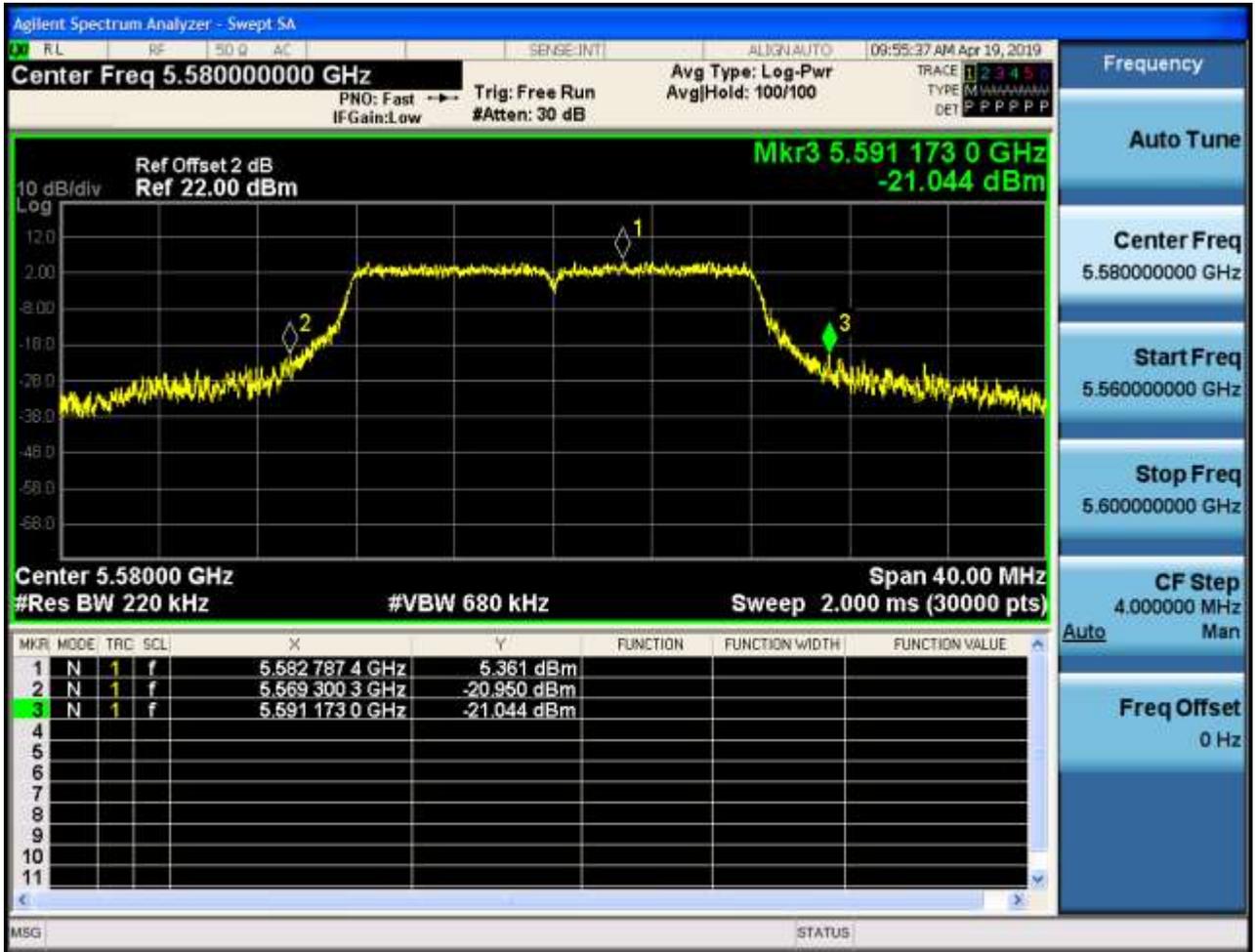


1.18 11A_Ant2_5520



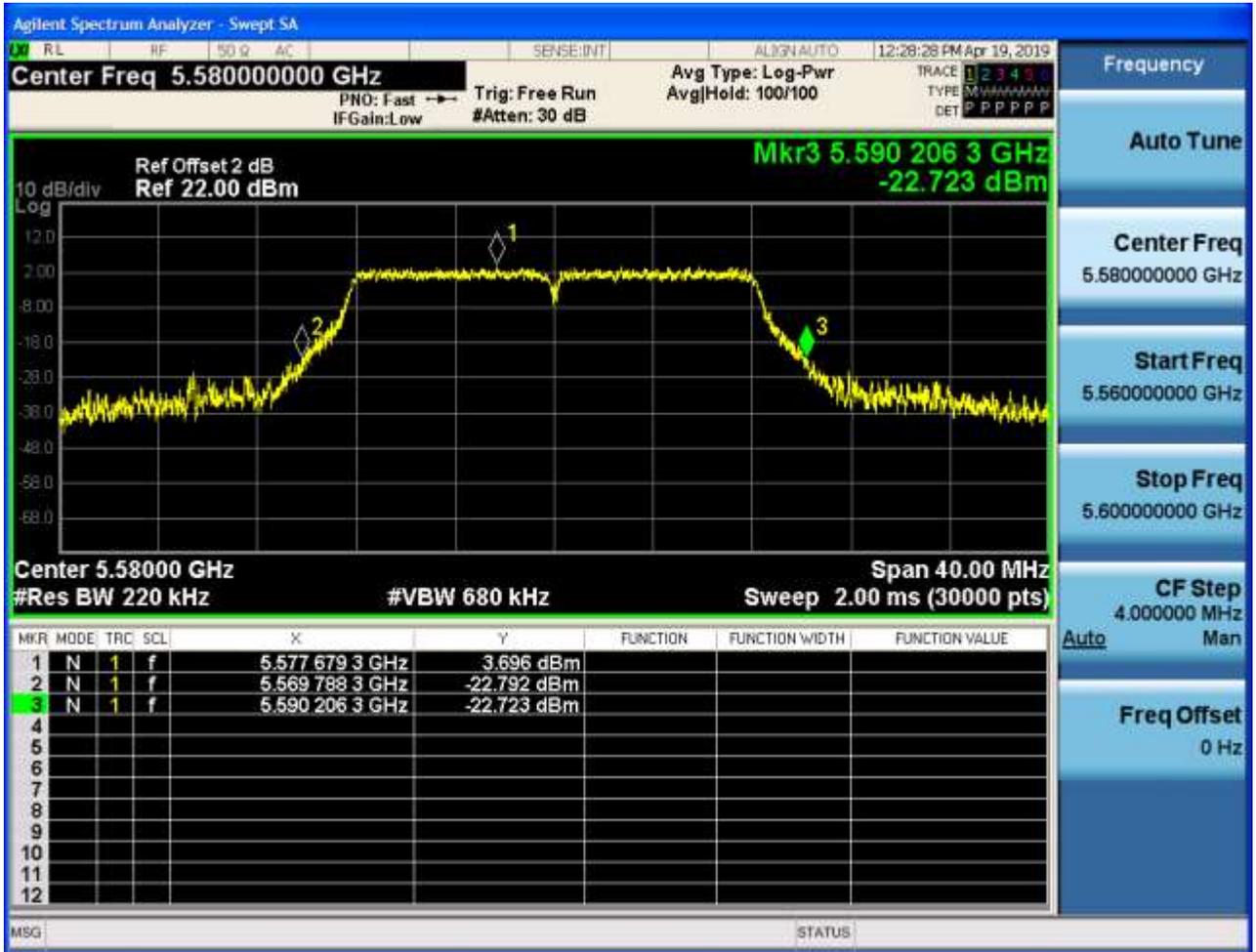


1.19 11A_Ant1_5580





1.20 11A_Ant2_5580





1.21 11A_Ant1_5680





1.22 11A_Ant2_5680





1.23 11A_Ant1_5700





1.24 11A_Ant2_5700





1.25 11A_Ant1_5745





1.26 11A_Ant2_5745





1.27 11A_Ant1_5785





1.28 11A_Ant2_5785





1.29 11A_Ant1_5805





1.30 11A_Ant2_5805





1.31 11A_Ant1_5825



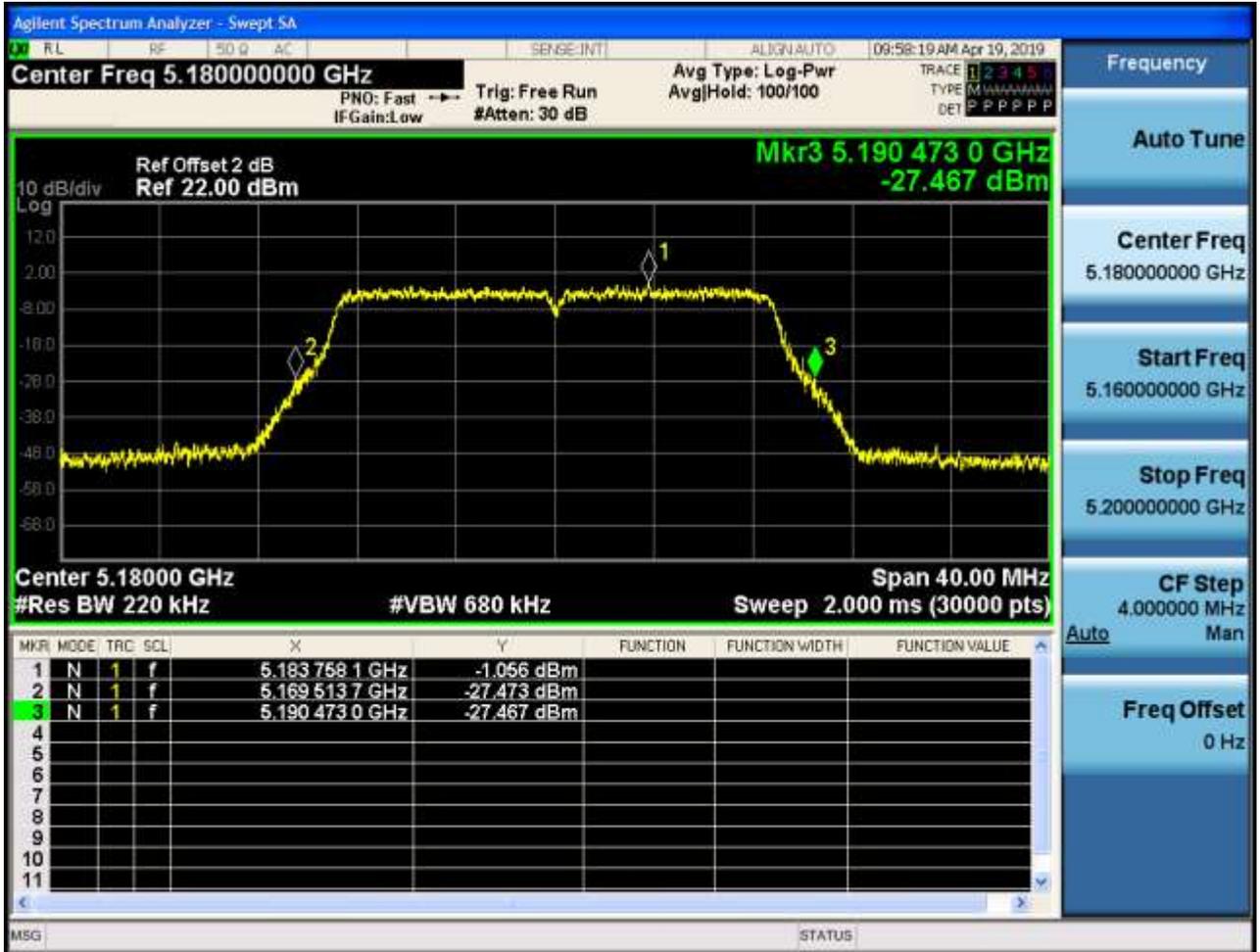


1.32 11A_Ant2_5825





1.33 11N20SISO_Ant1_5180





1.34 11N20SISO_Ant2_5180





1.35 11N20SISO_Ant1_5200





1.36 11N20SISO_Ant2_5200





1.37 11N20SISO_ANT1_5240



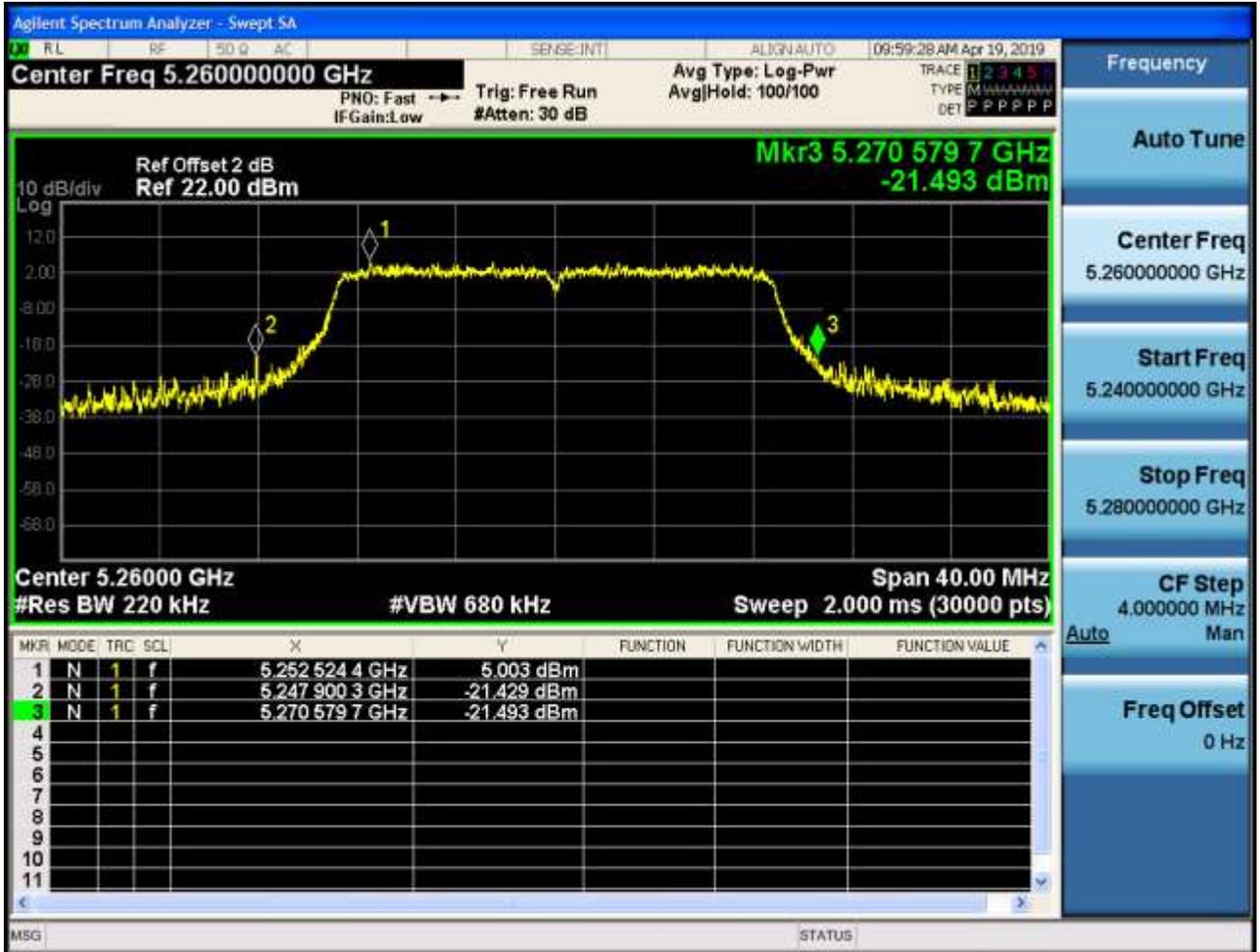


1.38 11N20SISO_ANT2_5240





1.39 11N20SISO_Ant1_5260



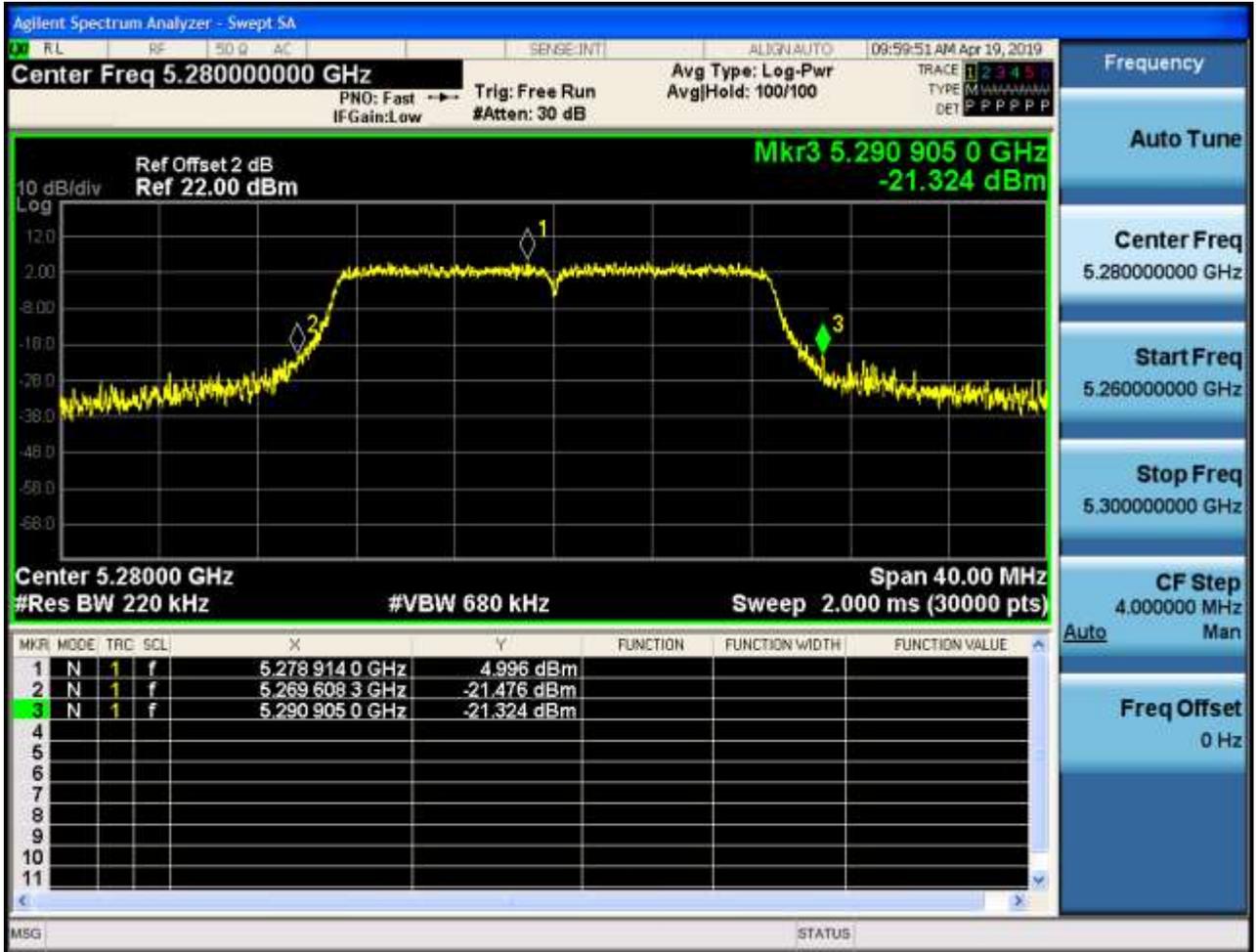


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1.41 11N20SISO_Ant1_5280



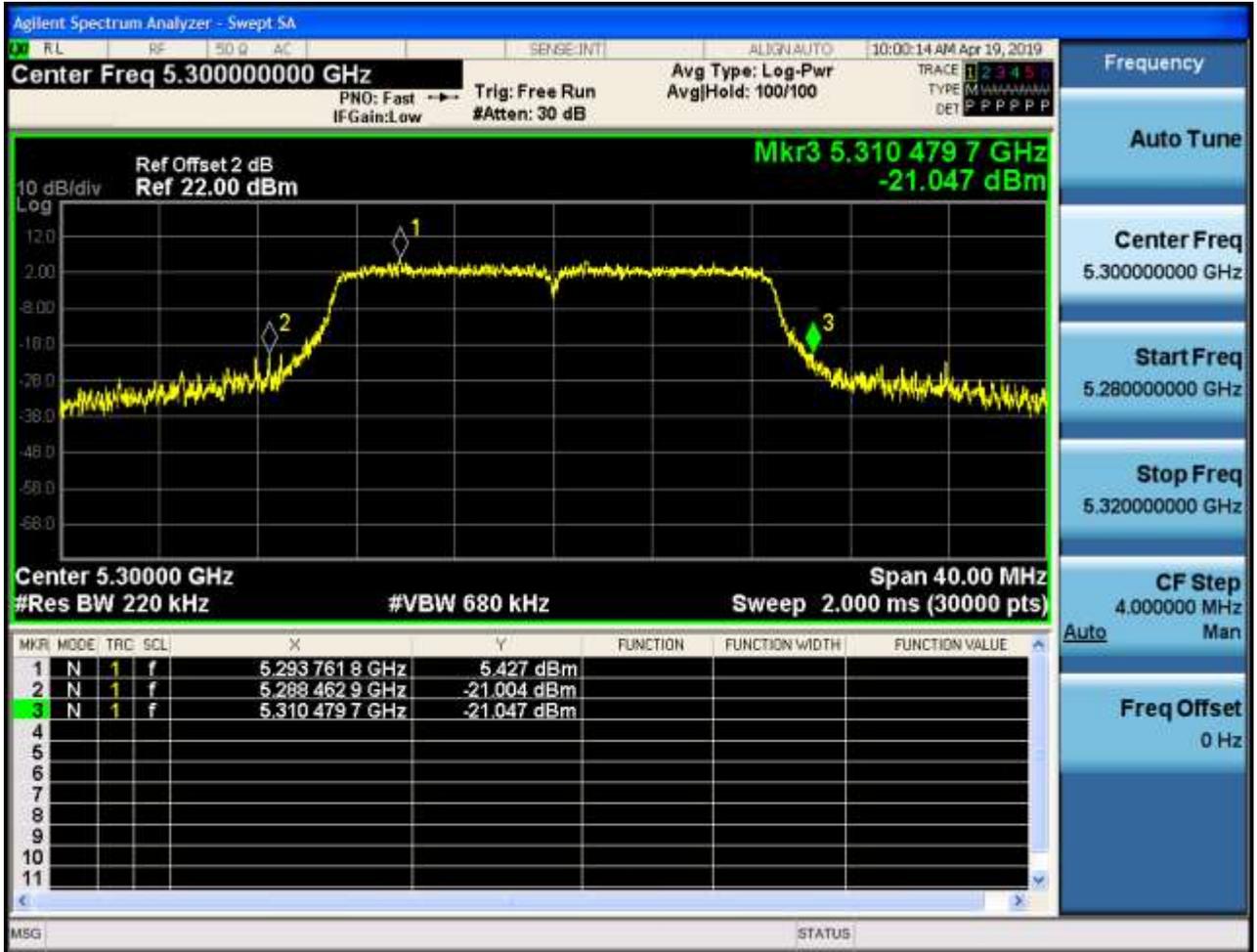


1.42 11N20SISO_Ant2_5280





1.43 11N20SISO_Ant1_5300





1.44 11N20SISO_Ant2_5300





1.45 11N20SISO_Ant1_5320





1.46 11N20SISO_Ant2_5320





1.47 11N20SISO_Ant1_5500



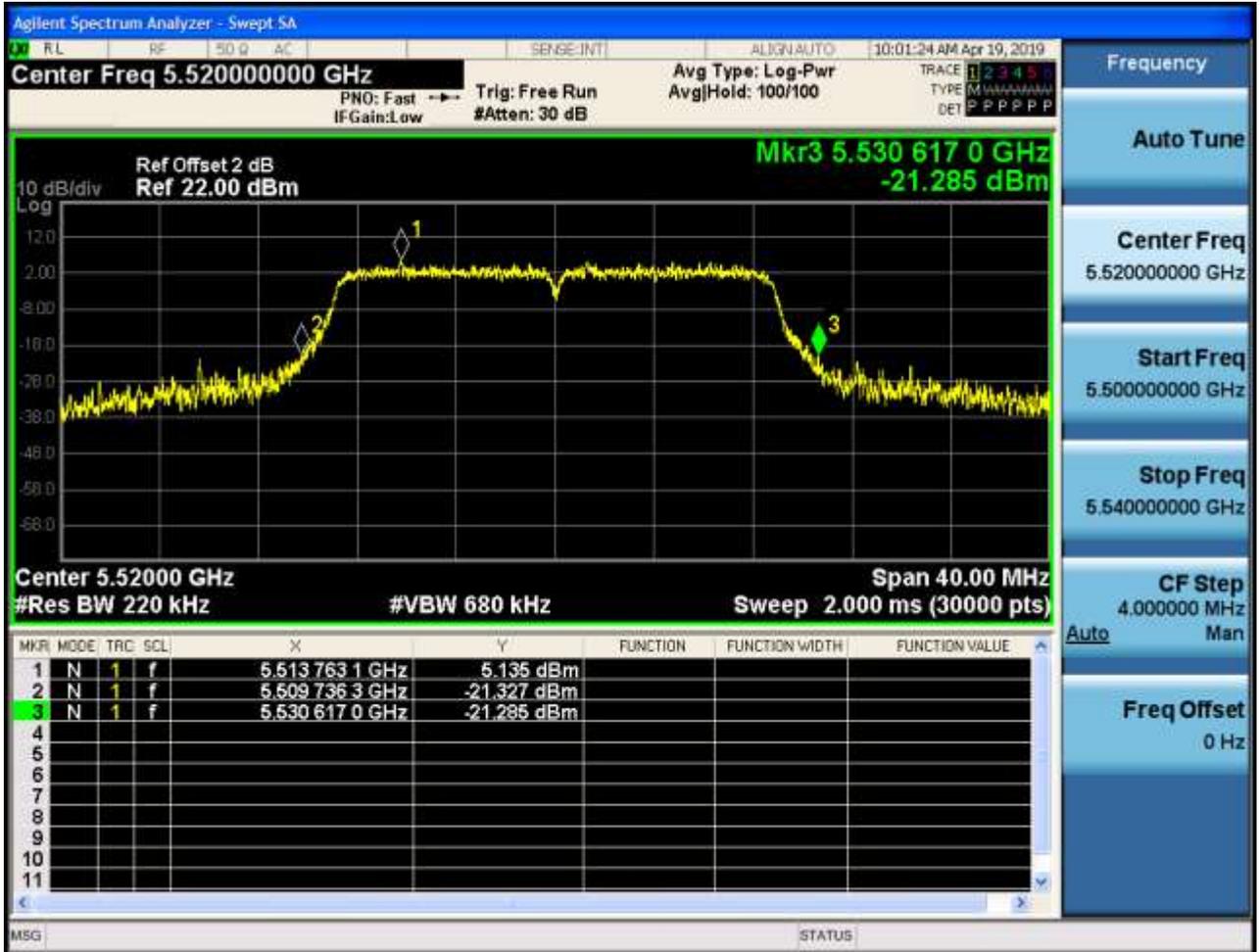


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1.49 11N20SISO_Ant1_5520



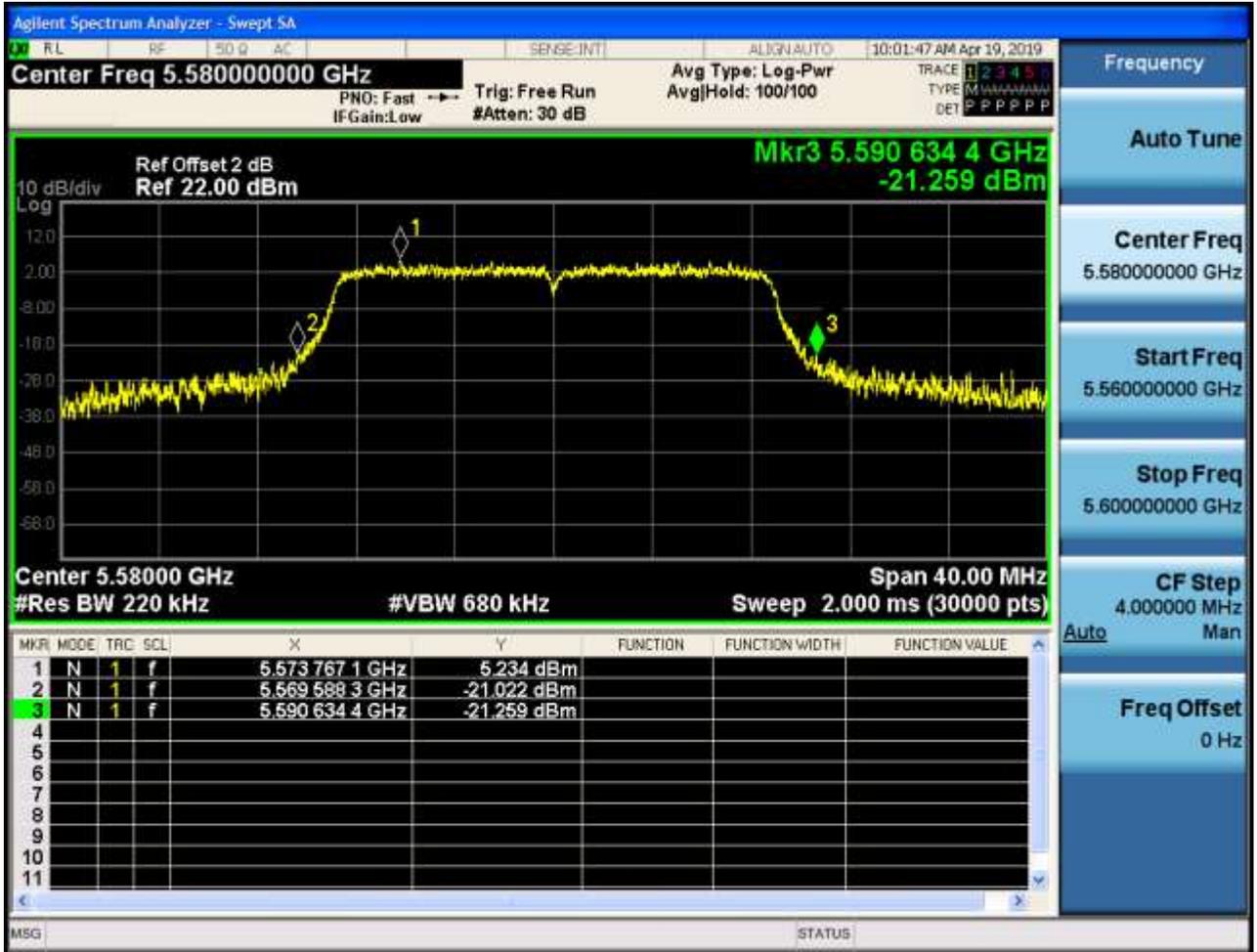


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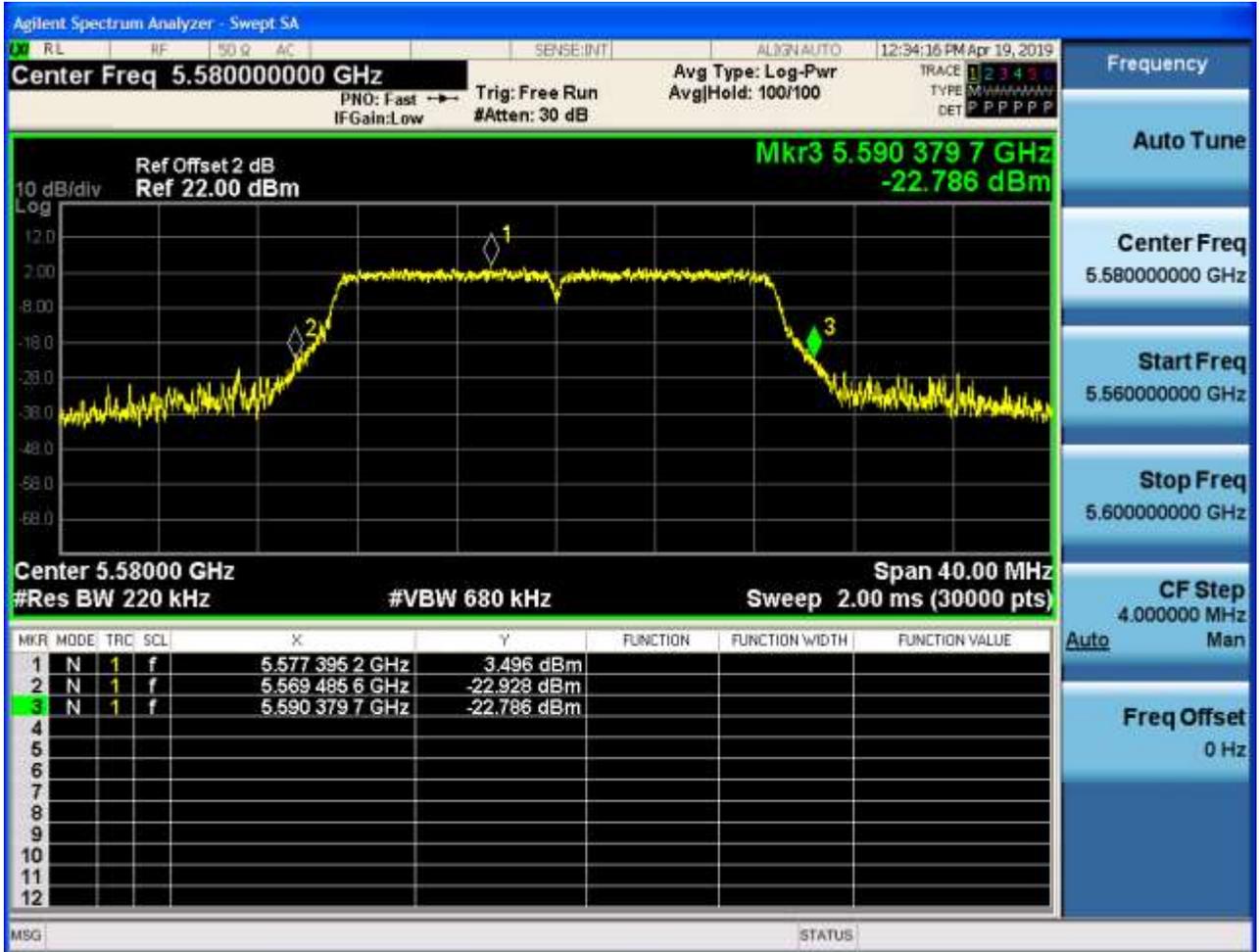


1.51 11N20SISO_Ant1_5580





1.52 11N20SISO_Ant2_5580





1.53 11N20SISO_Ant1_5680





1.54 11N20SISO_Ant2_5680





1.55 11N20SISO_Ant1_5700





1.56 11N20SISO_Ant2_5700





1.57 11N20SISO_Ant1_5745





1.58 11N20SISO_Ant2_5745





1.59 11N20SISO_Ant1_5785





1.60 11N20SISO_Ant2_5785





1.61 11N20SISO_Ant1_5805



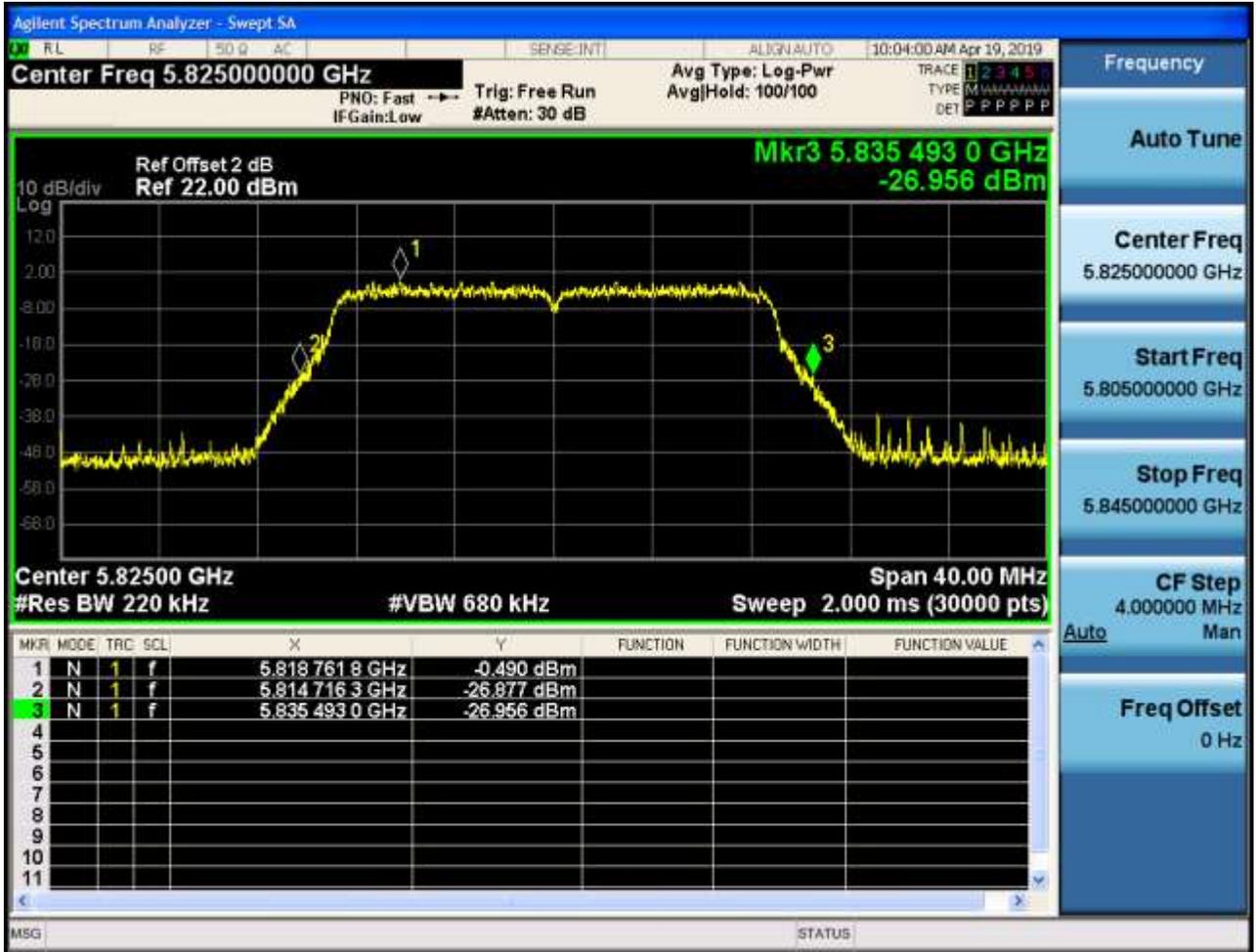


1.62 11N20SISO_Ant2_5805



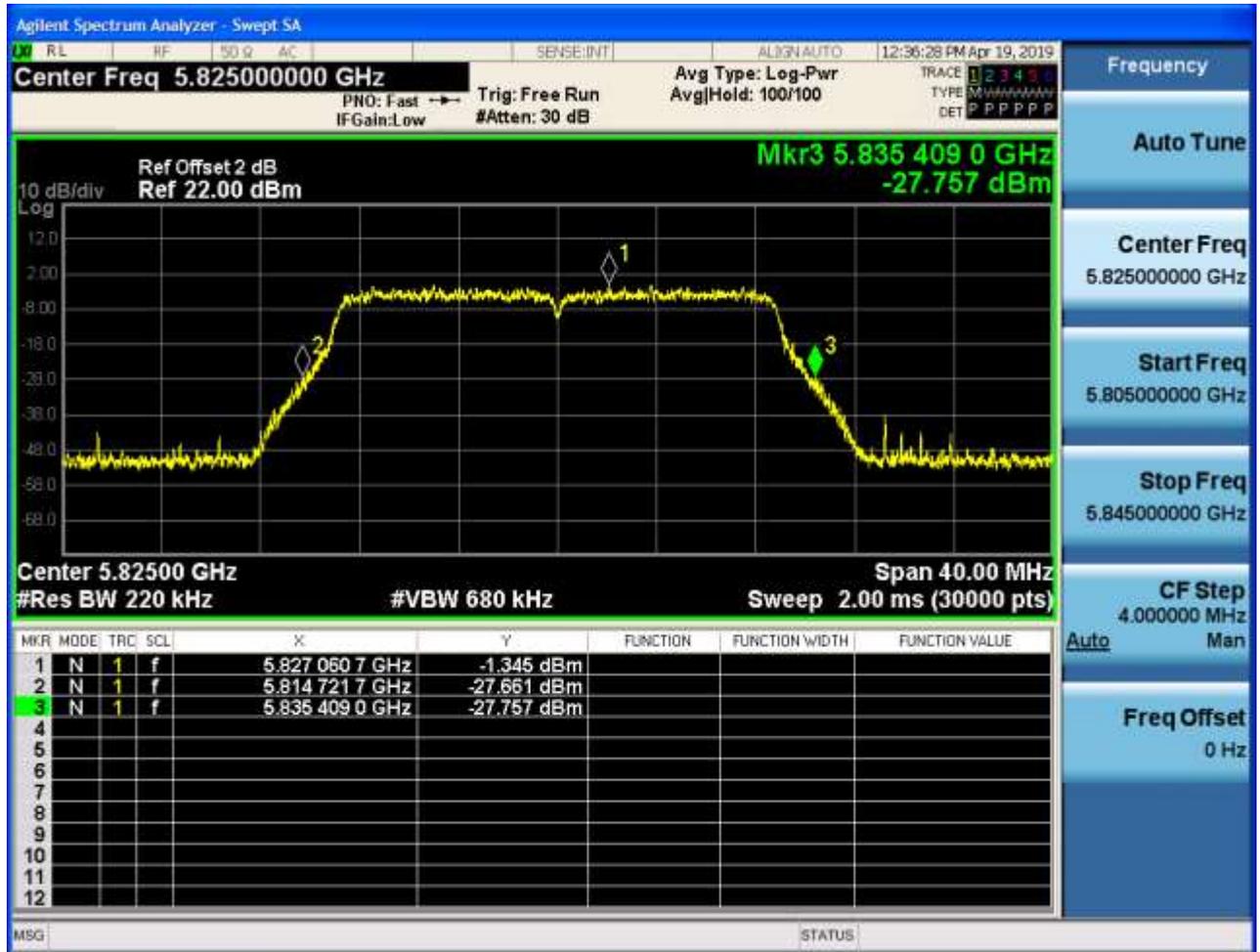


1.63 11N20SISO_Ant1_5825





1.64 11N20SISO_Ant2_5825





1.65 11N40SISO_Ant1_5190





1.66 11N40SISO_Ant2_5190



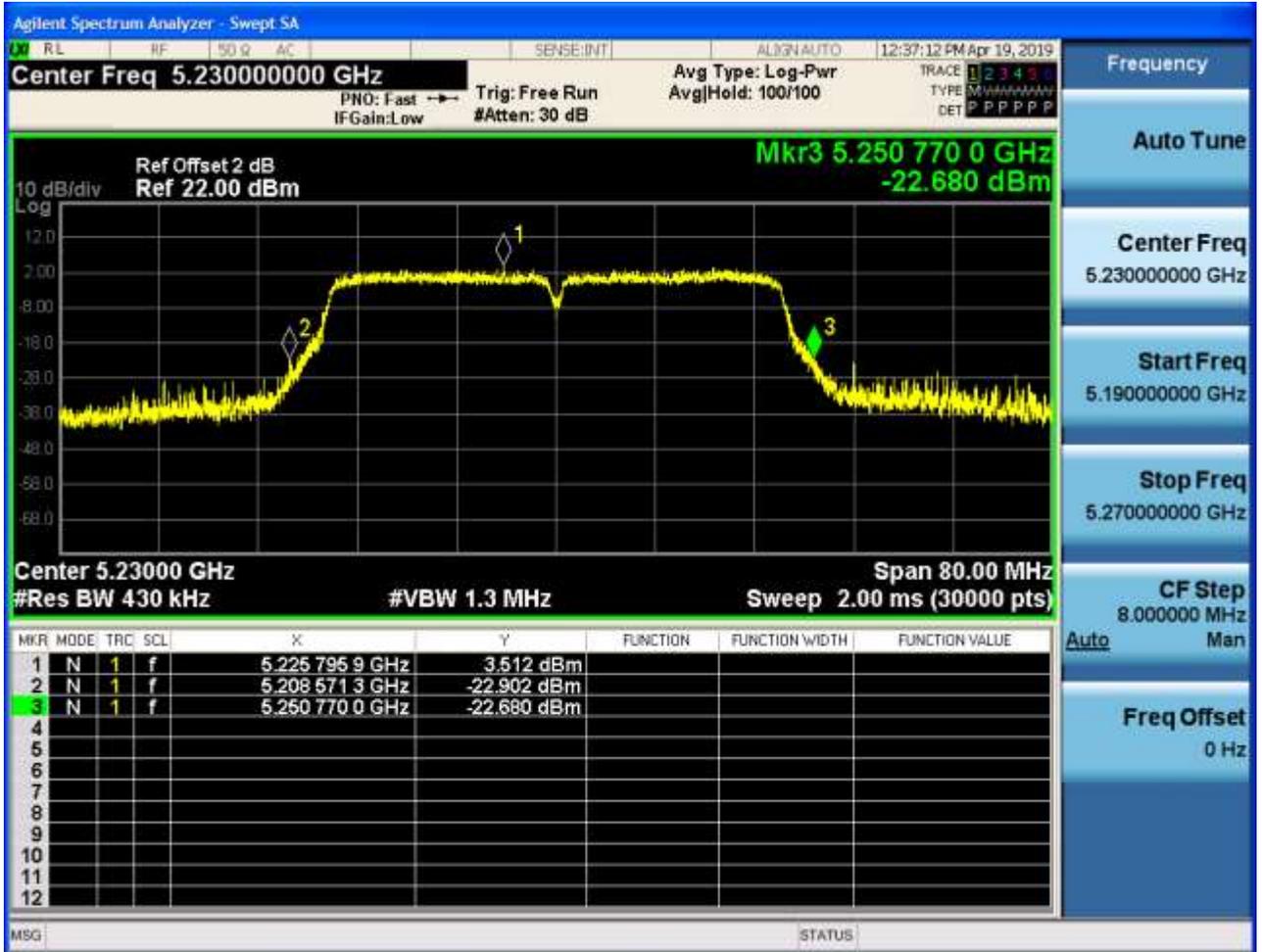


1.67 11N40SISO_Ant1_5230



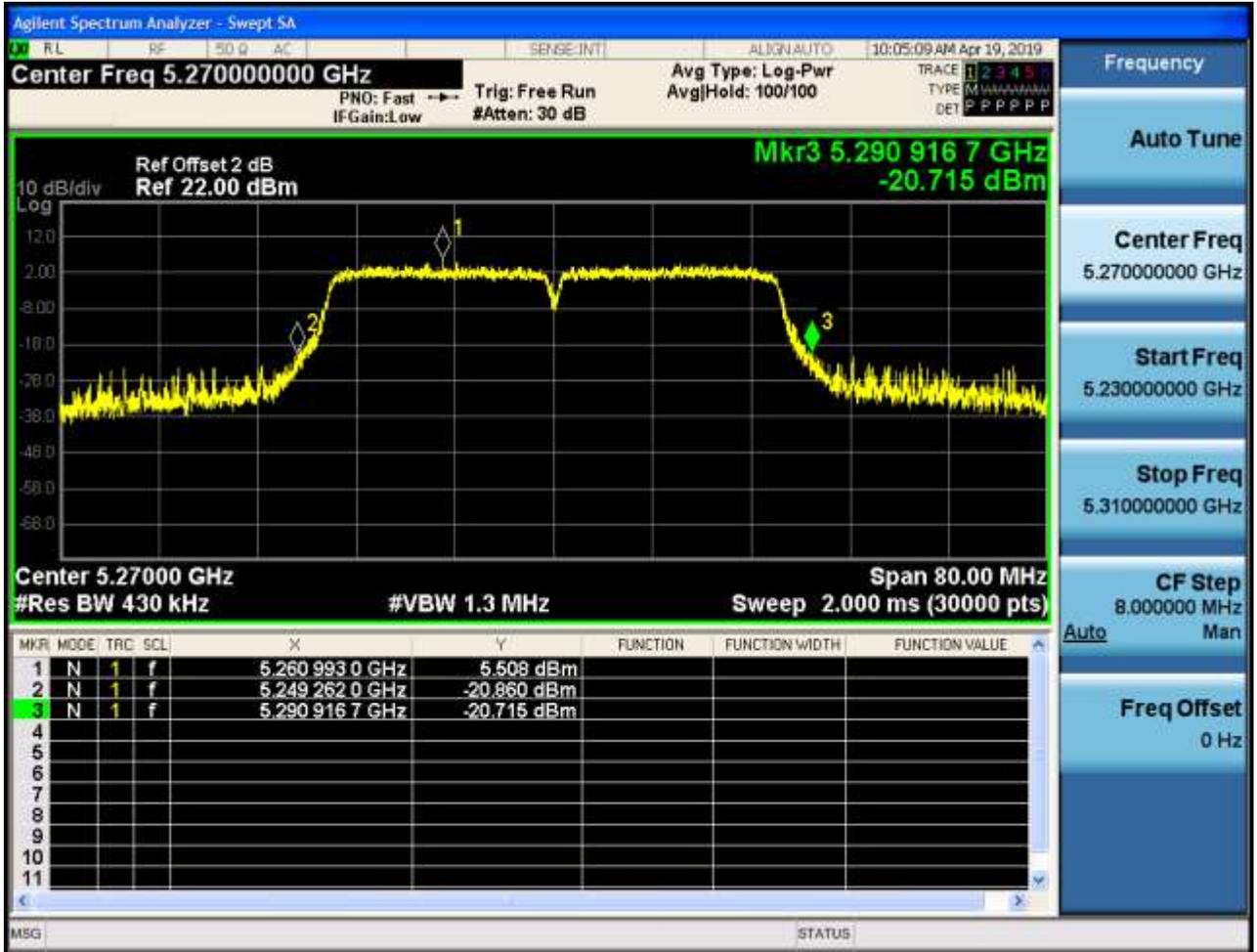


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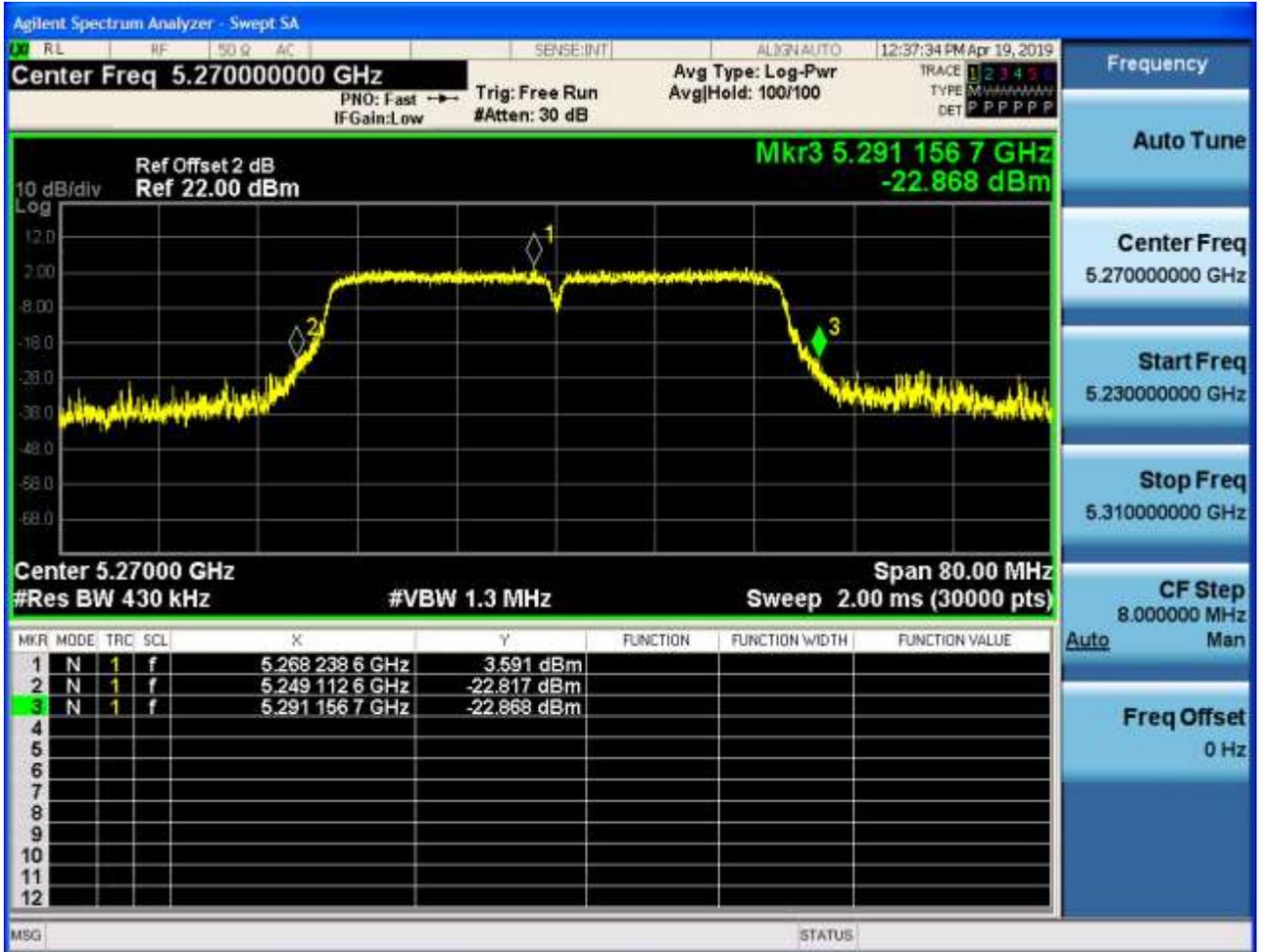


1.69 11N40SISO_Ant1_5270





1.70 11N40SISO_Ant2_5270





1.71 11N40SISO_Ant1_5310



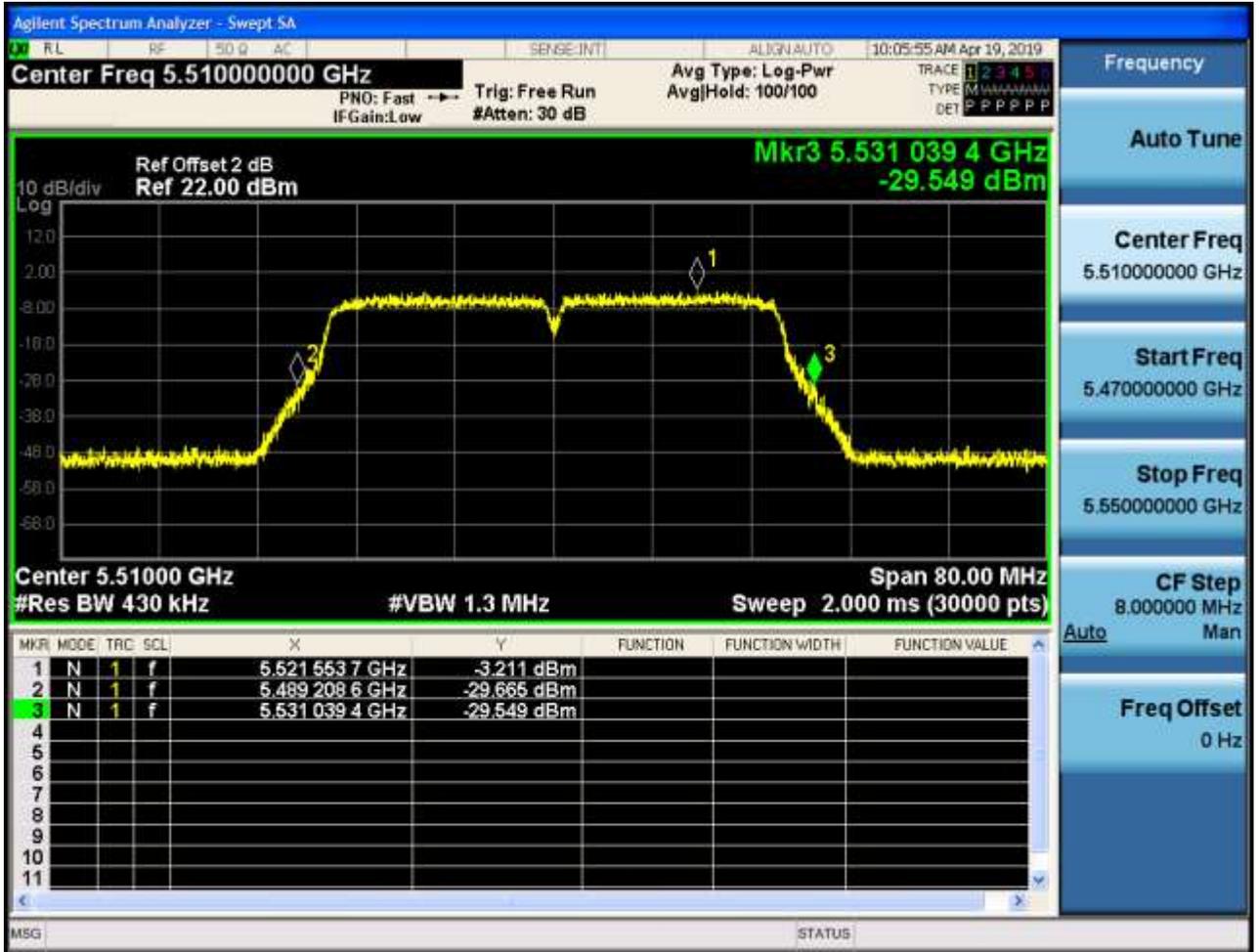


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1.73 11N40SISO_Ant1_5510



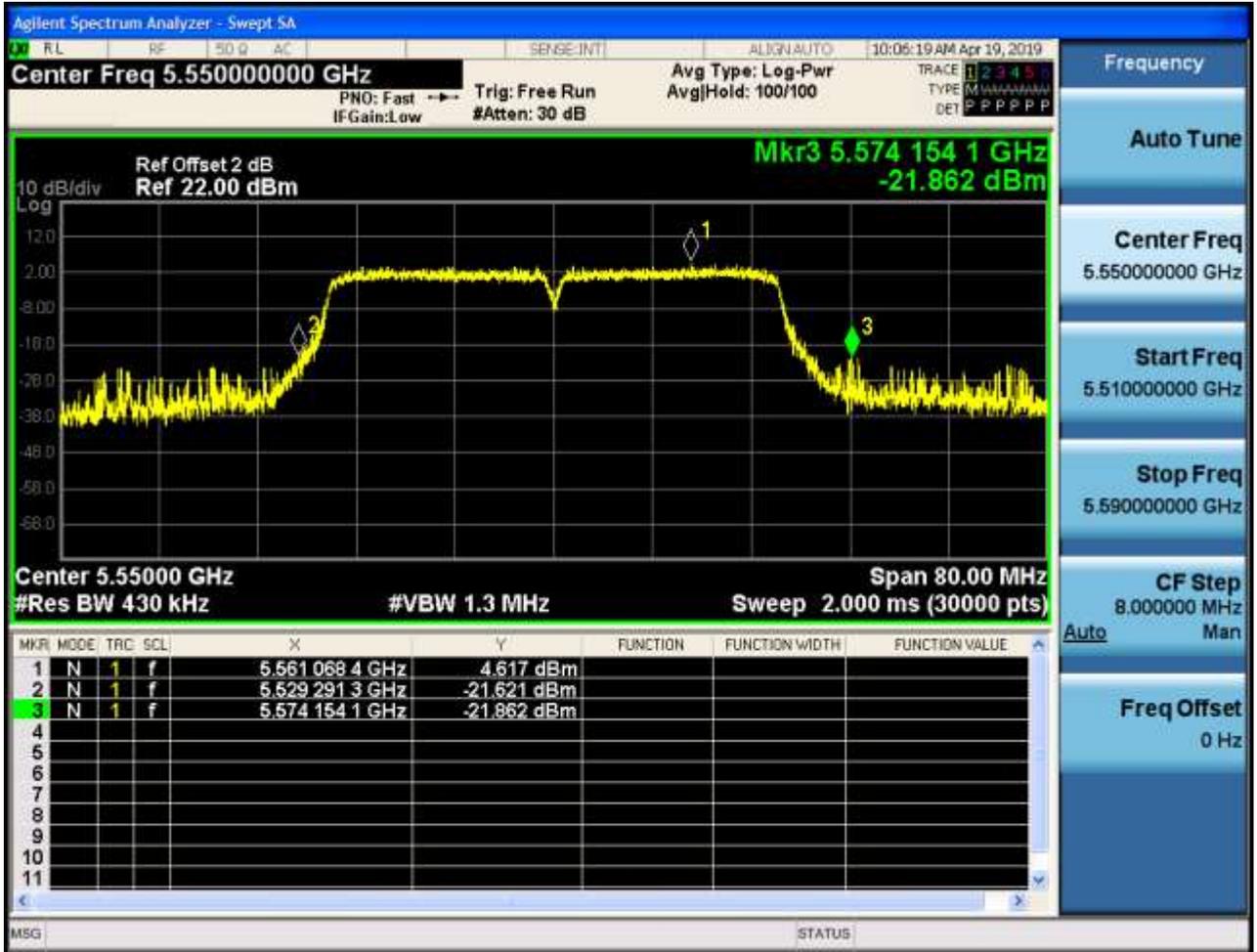


1.74 11N40SISO_Ant2_5510



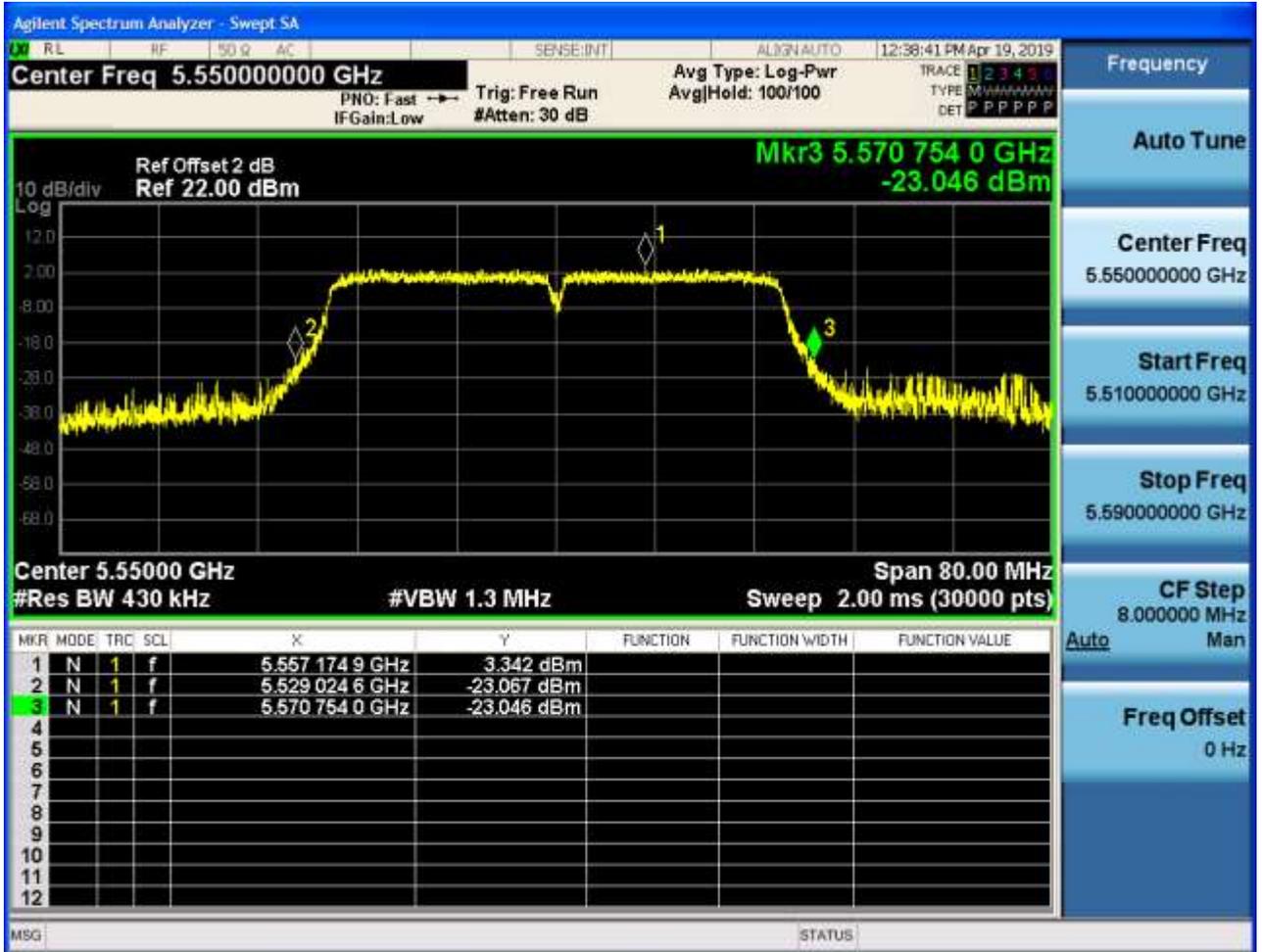


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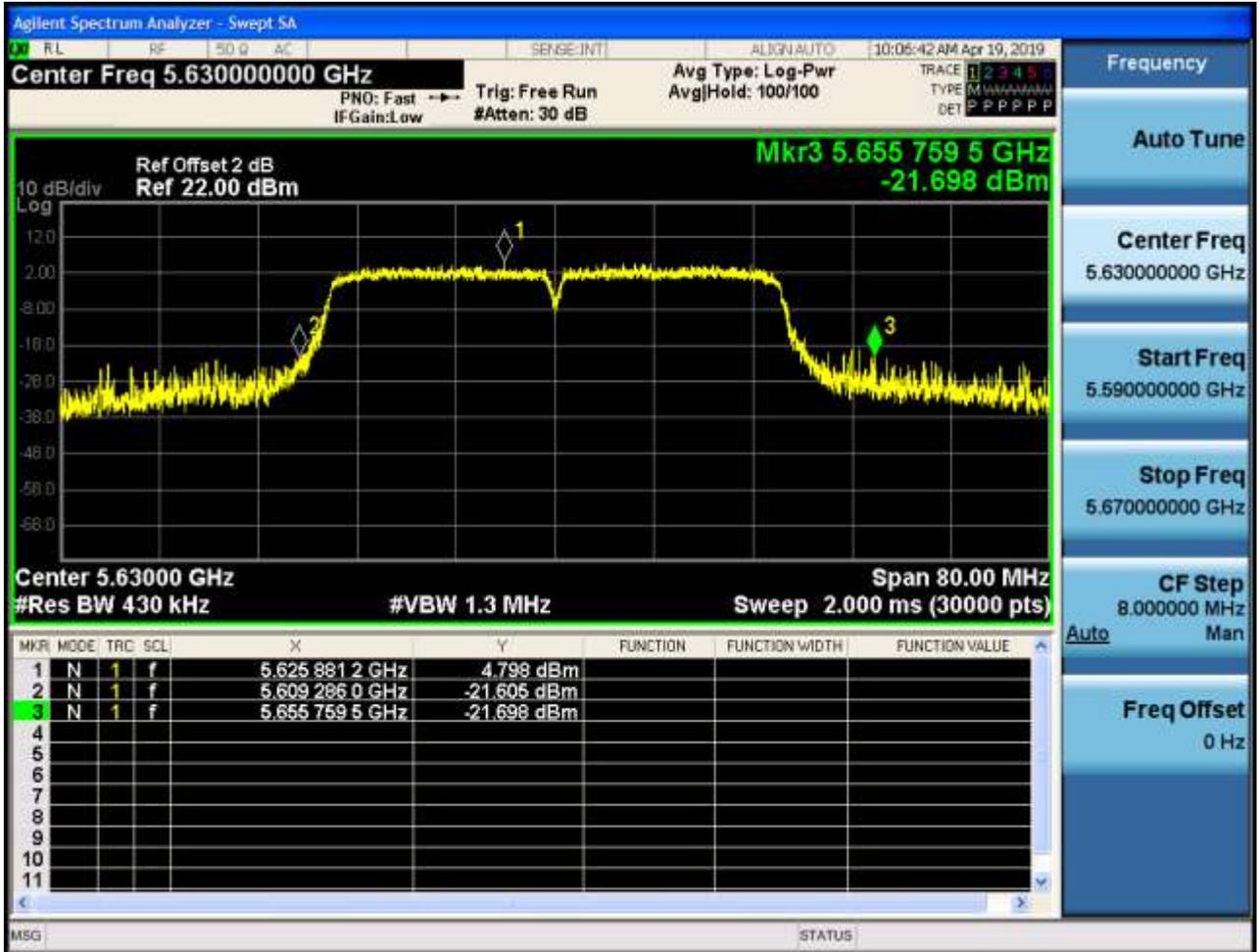


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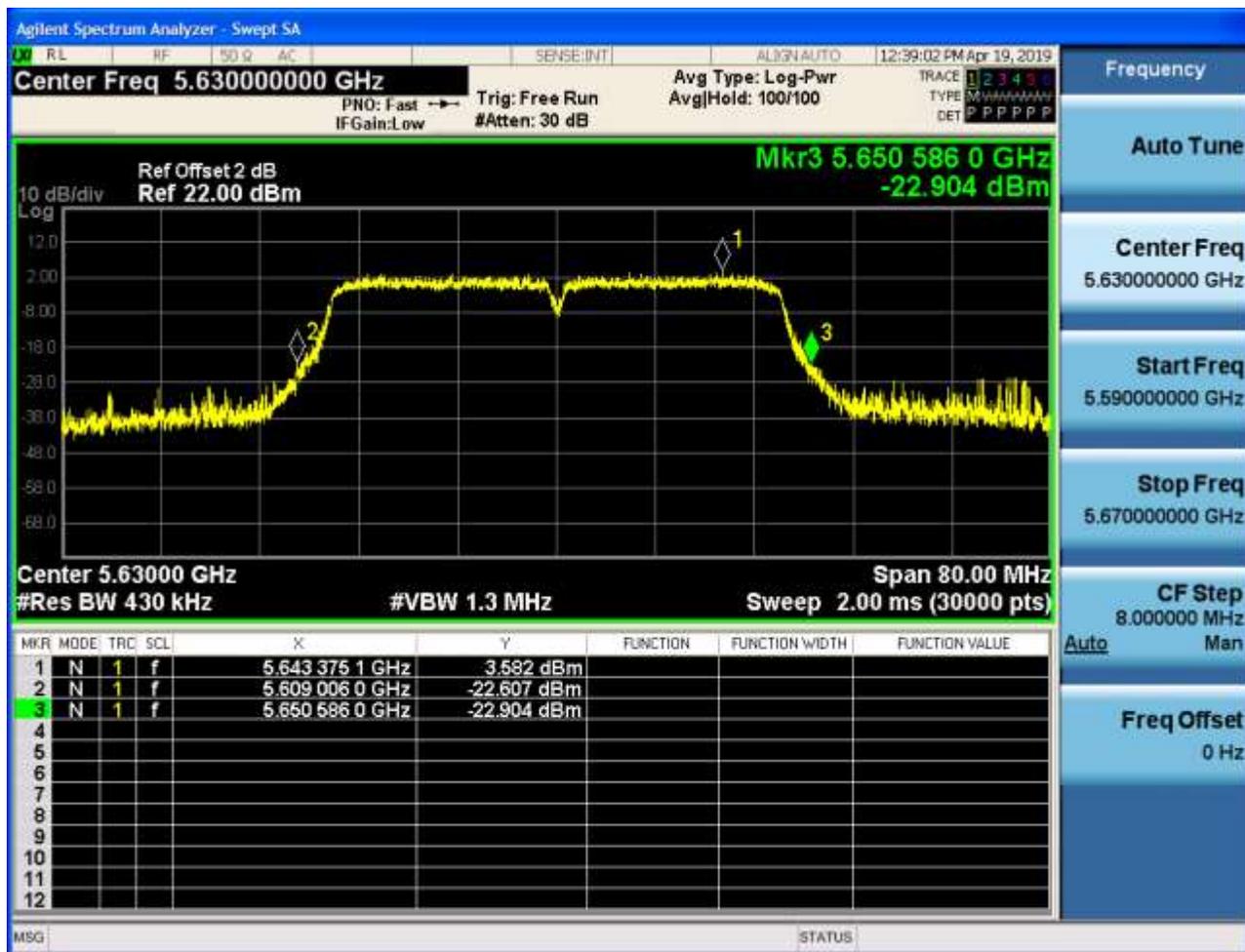


1.77 11N40SISO_Ant1_5630





1.78 11N40SISO_Ant2_5630





1.79 11N40SISO_Ant1_5670



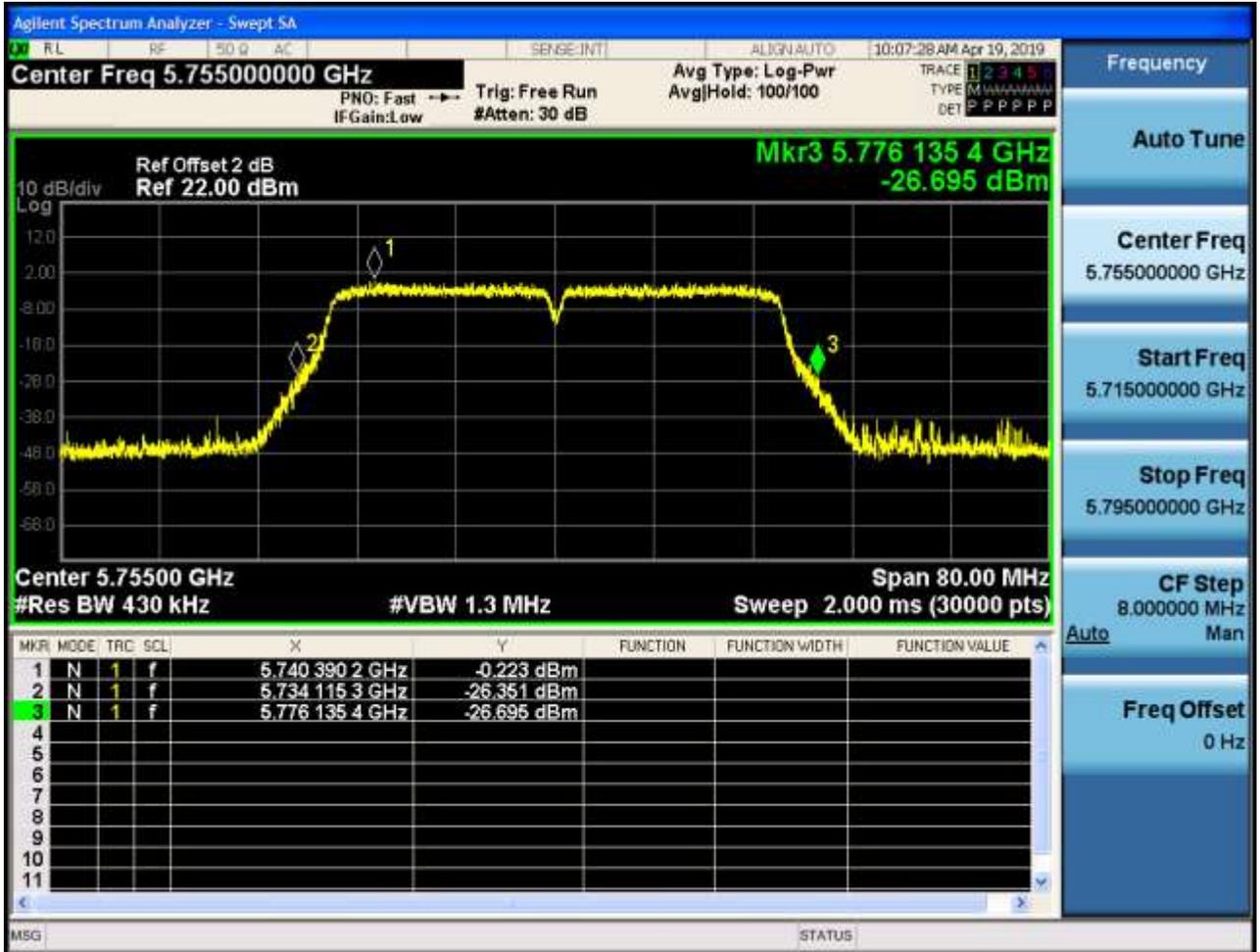


1.80 11N40SISO_Ant2_5670





1.81 11N40SISO_Ant1_5755



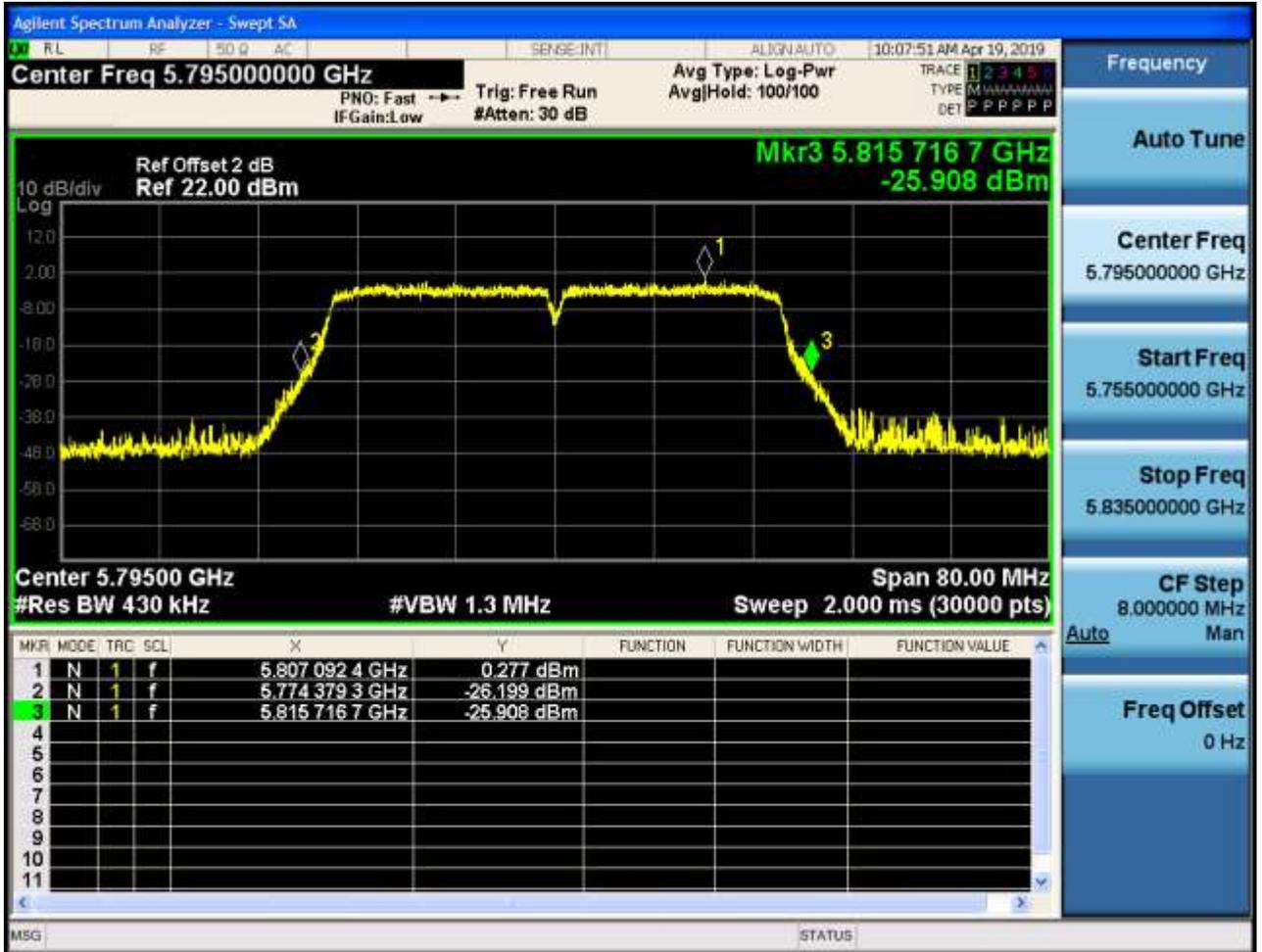


1.82 11N40SISO_Ant2_5755





1.83 11N40SISO_Ant1_5795





1.84 11N40SISO_Ant2_5795





1.85 11AC20SISO_Ant1_5180



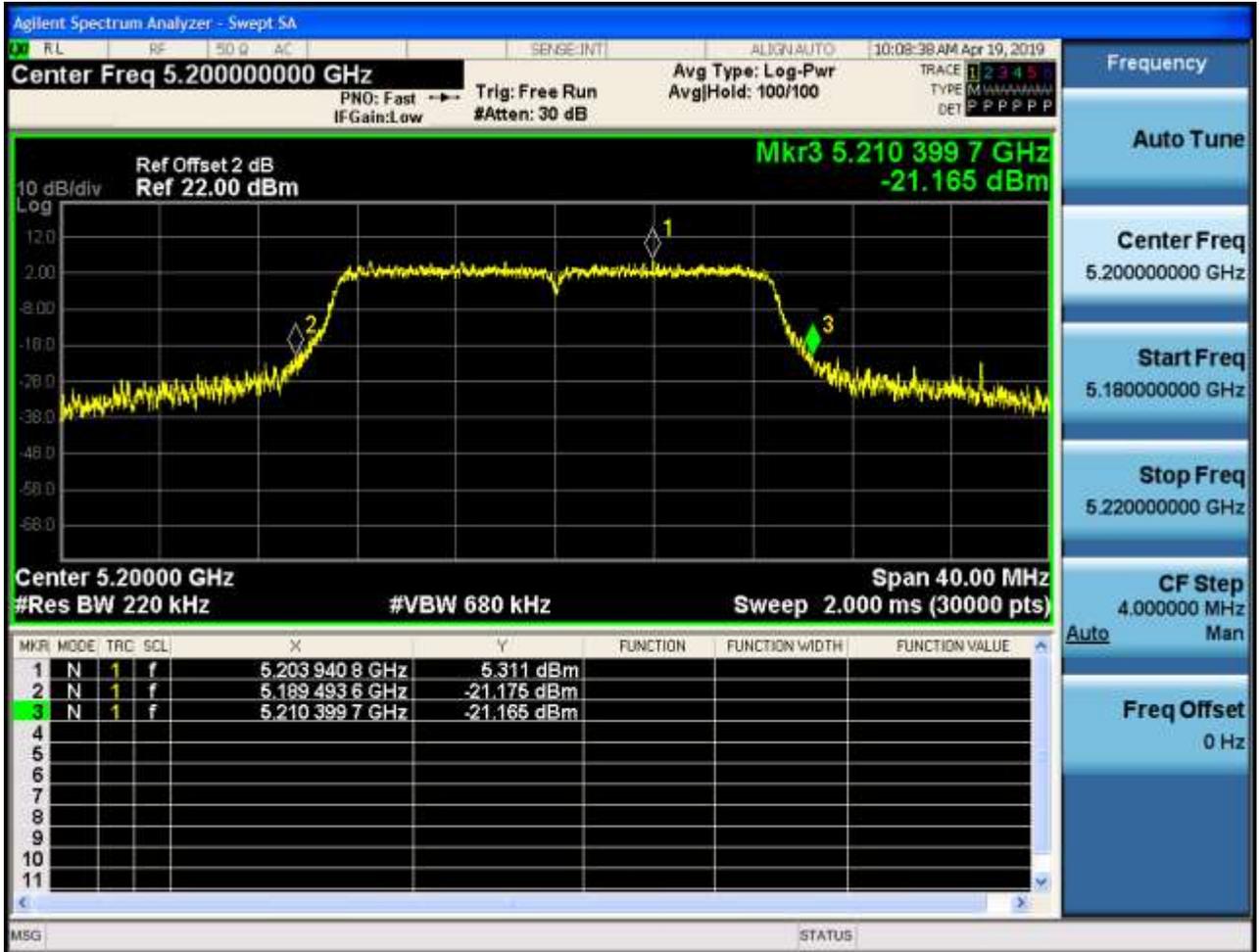


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1.8711AC20SISO_Ant1_5200





1.88 11AC20SISO_Ant2_5200





1.89 11AC20SISO_Ant1_5240

