

11AX80SISO	Ant1	5775	75.69 8	5737.103 0	5812.8010	---	---
11AC160SIS O	Ant1	5250	155.1 4	5172.9024	5328.042 4	---	---
11AC160SIS O	Ant1	5250_UNII-1	77.09 8	5172.9024	5250	---	---
11AC160SIS O	Ant1	5250_UNII-2A	78.04 2	5250	5328.042 4	---	---
11AC160SIS O	Ant1	5570	155.4 8	5492.9707	5648.450 7	---	---
11AX160SISO	Ant1	5250	155.0 7	5172.9240	5327.994 0	---	---
11AX160SISO	Ant1	5250_UNII-1	77.07 6	5172.9240	5250	---	---
11AX160SISO	Ant1	5250_UNII-2A	77.99 4	5250	5327.994 0	---	---
11AX160SISO	Ant1	5570	155.5 0	5492.9725	5648.472 5	---	---

# Test Graphs



11A-Ant1-5180



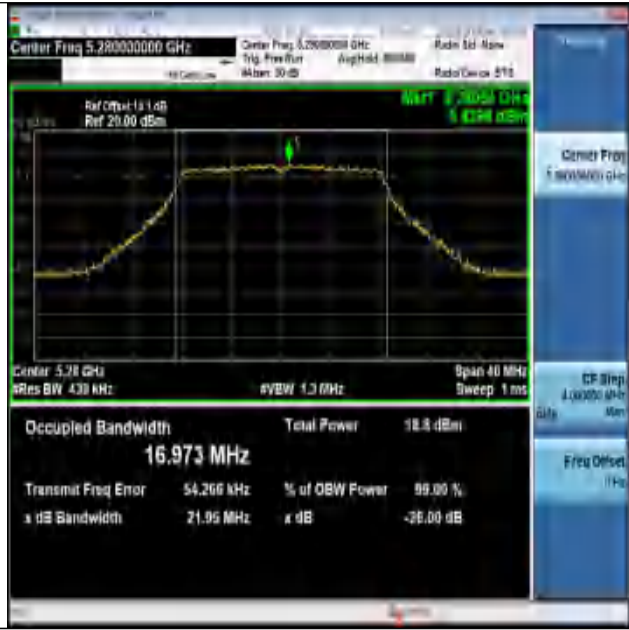
11A-Ant1-5200



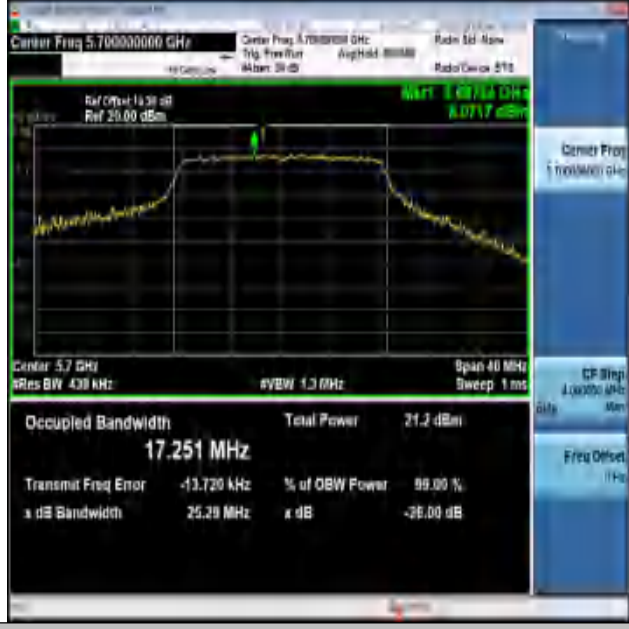
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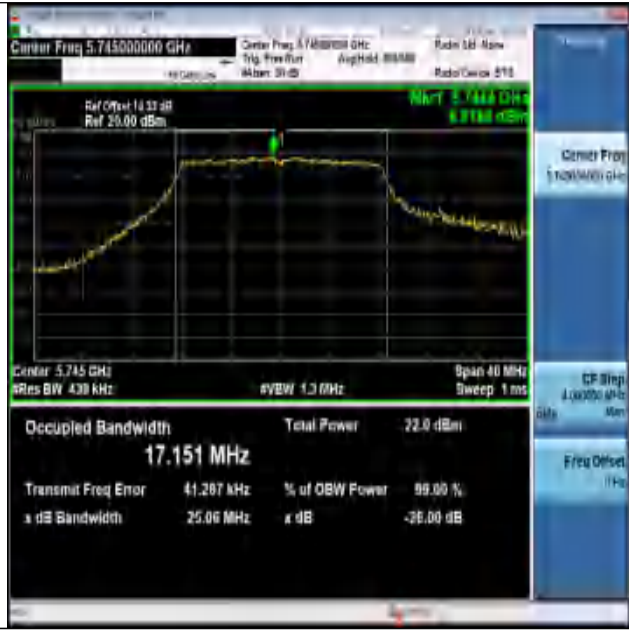
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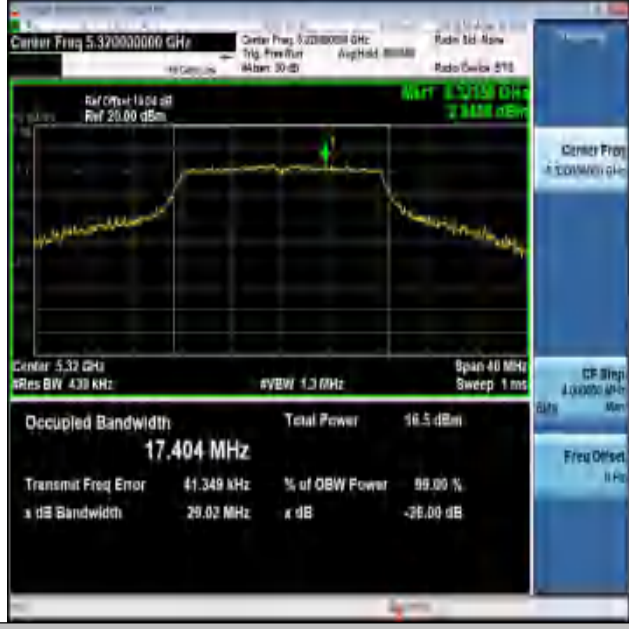
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11A-Ant1-5700



11A-Ant1-5745



11A-Ant1-5320



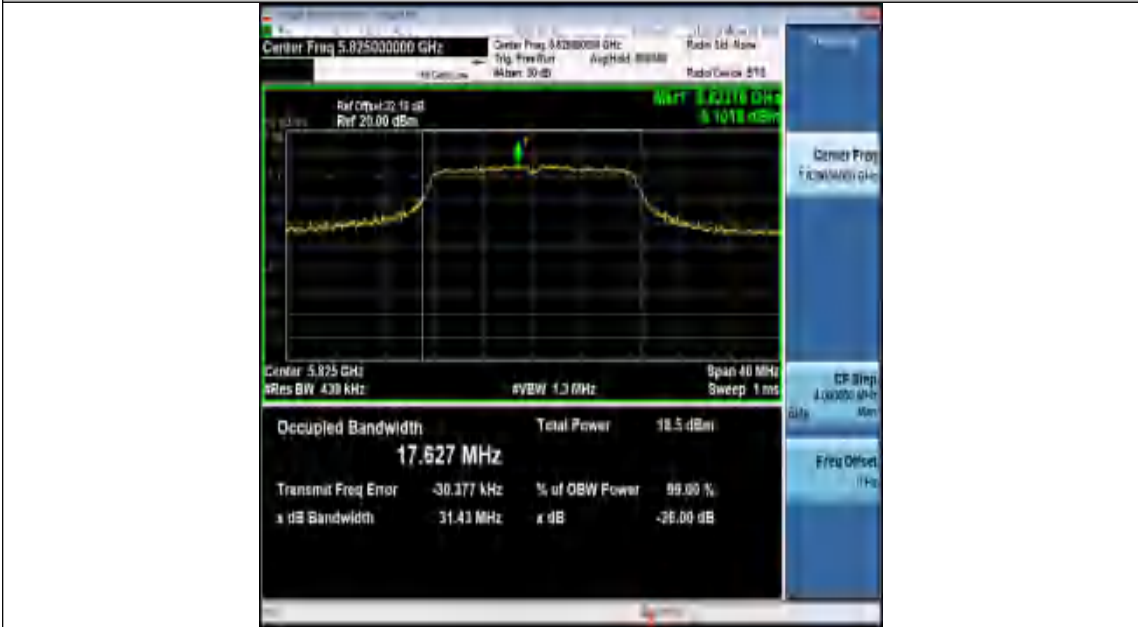
11A-Ant1-5500



11A-Ant1-5580



11A-Ant1-5785



11A-Ant1-5825





11N20SISO-Ant1-5180



11N20SISO-Ant1-5200





11N20SISO-Ant1-5240



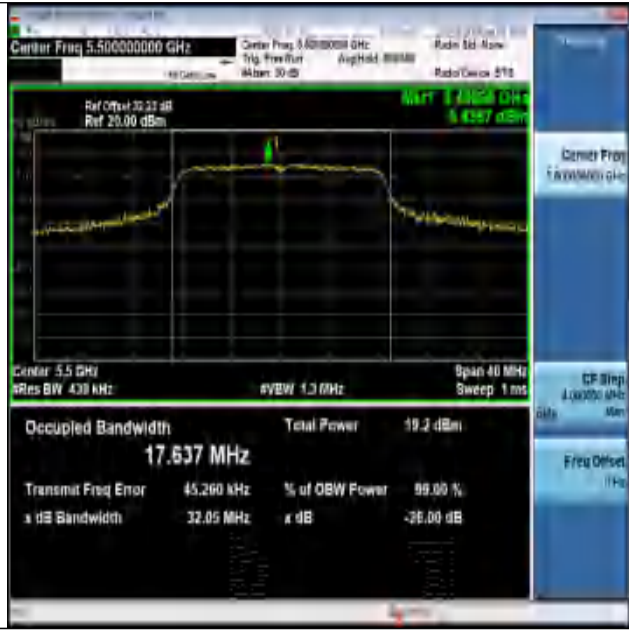
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11N20SISO-Ant1-5280



11N20SISO-Ant1-5320



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11N20SISO-Ant1-5700



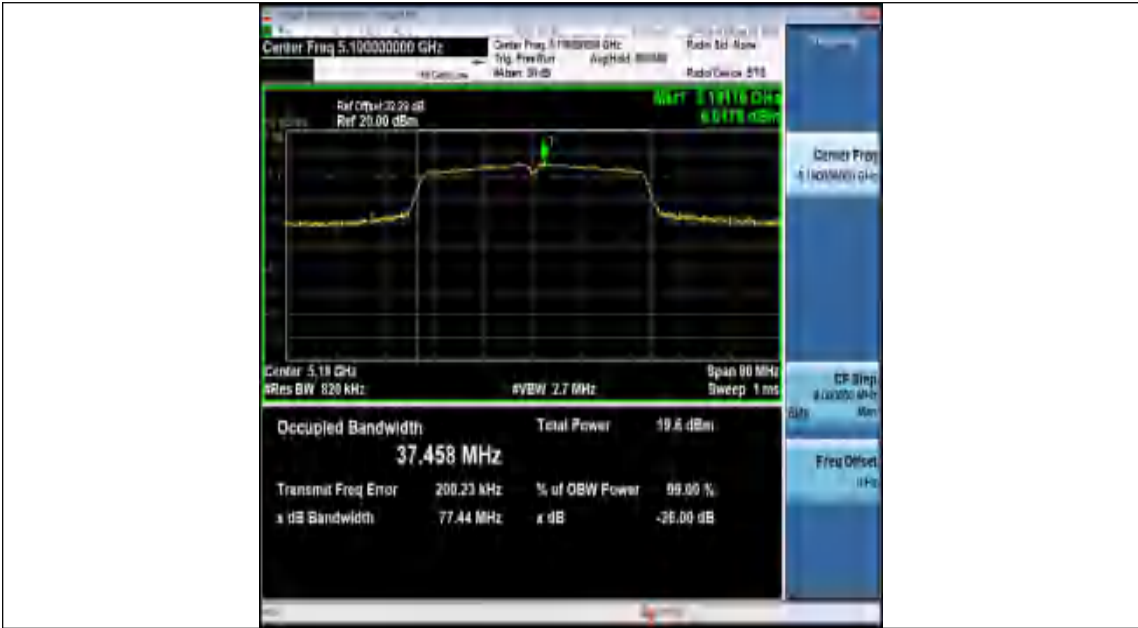
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11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



11N40SISO-Ant1-5190



11N40SISO-Ant1-5230





11N40SISO-Ant1-5270



11N40SISO-Ant1-5310





11N40SISO-Ant1-5510



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11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



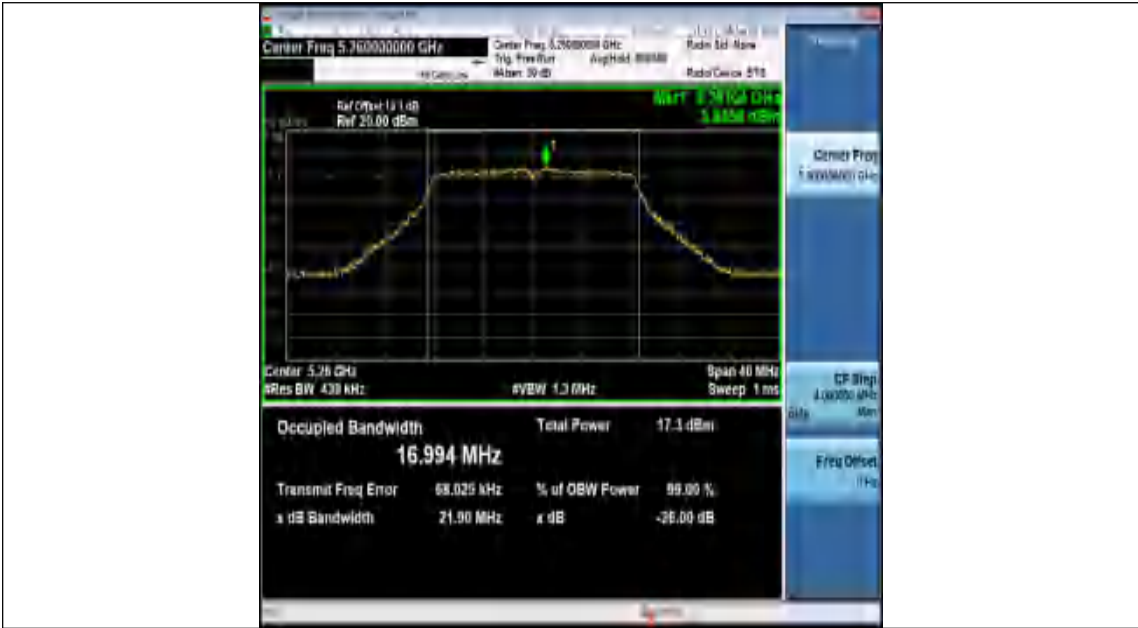
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11AC20SISO-Ant1-5320



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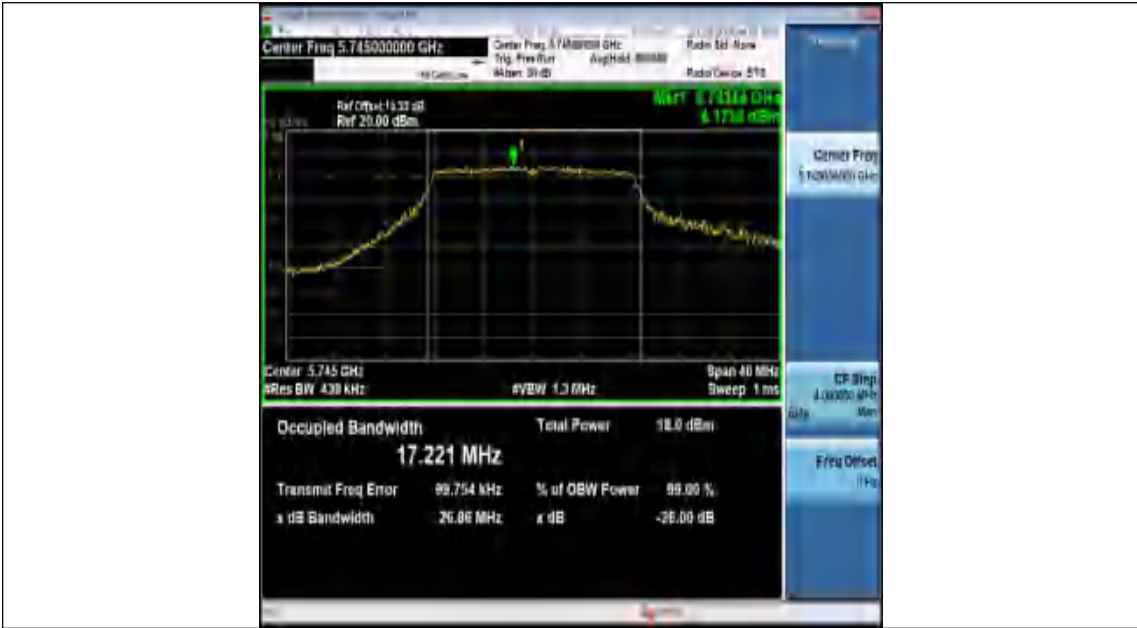


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11AC20SISO-Ant1-5700





11AC20SISO-Ant1-5745



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11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230



11AC40SISO-Ant1-5270



11AC40SISO-Ant1-5310



11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550



11AC40SISO-Ant1-5670



11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795





11AC80SISO-Ant1-5210



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11AC80SISO-Ant1-5610



11AC80SISO-Ant1-5775



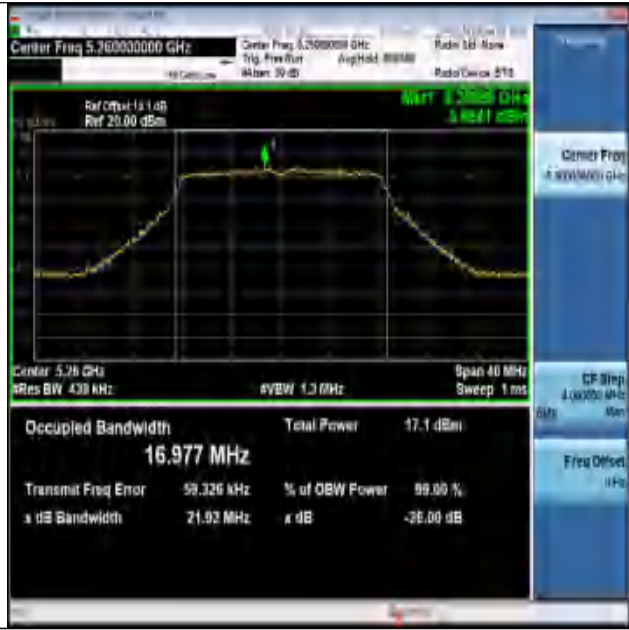
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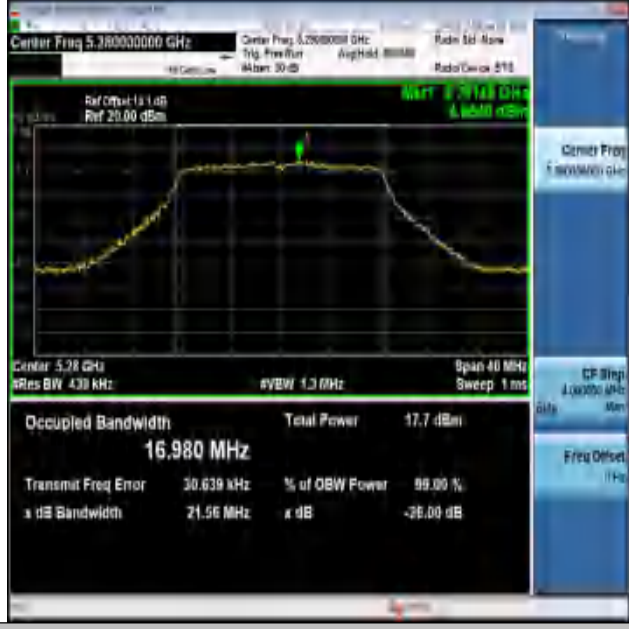
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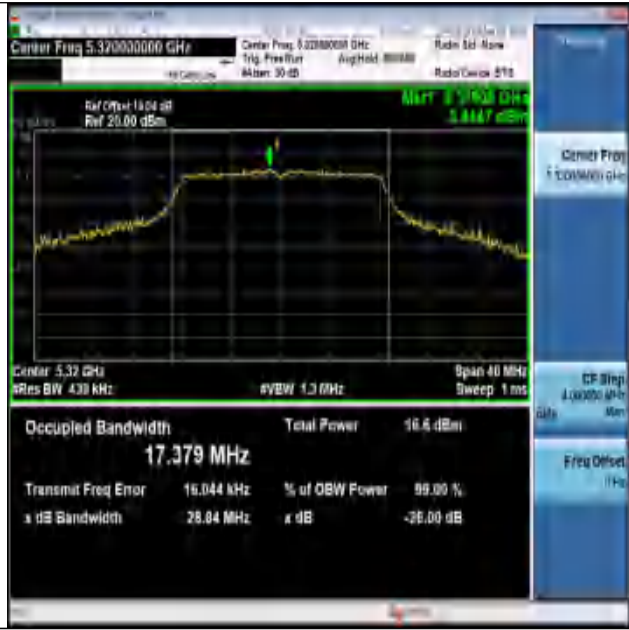
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11AX20SISO-Ant1-5260



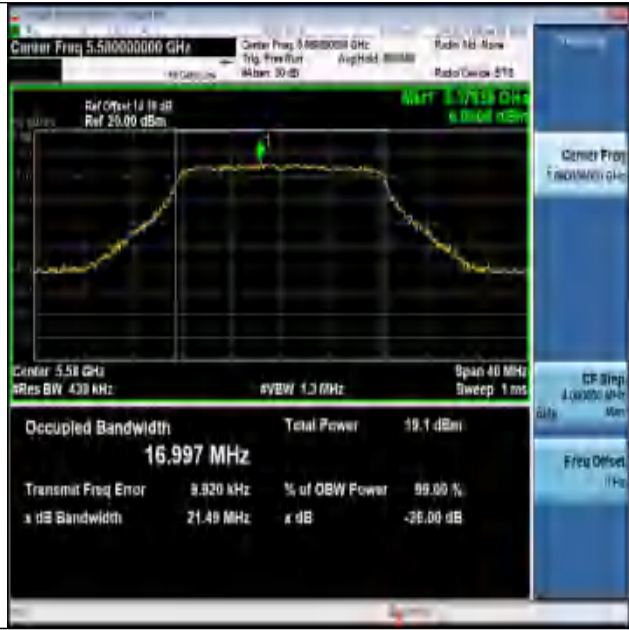
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11AX20SISO-Ant1-5320



11AX20SISO-Ant1-5500

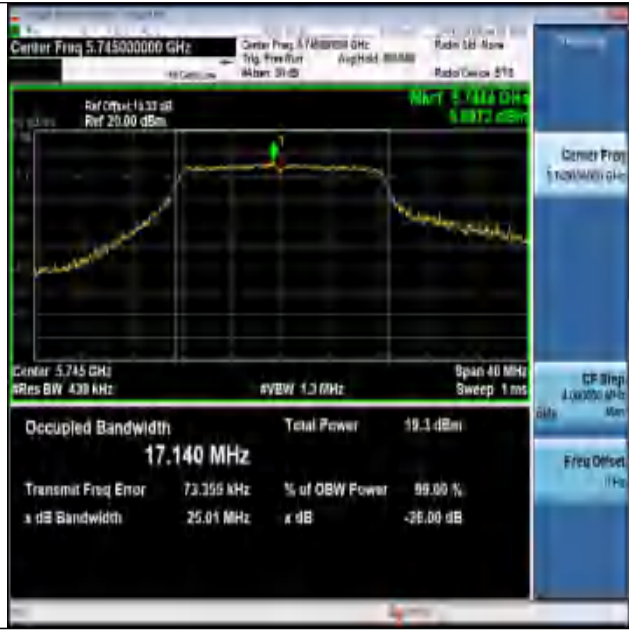


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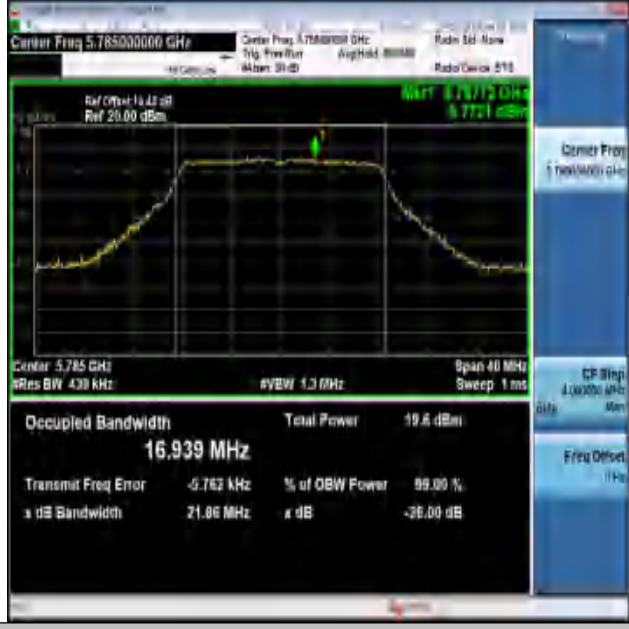


11AX20SISO-Ant1-5700





11AX20SISO-Ant1-5745



11AX20SISO-Ant1-5785





11AX20SISO-Ant1-5825



11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230



11AX40SISO-Ant1-5270



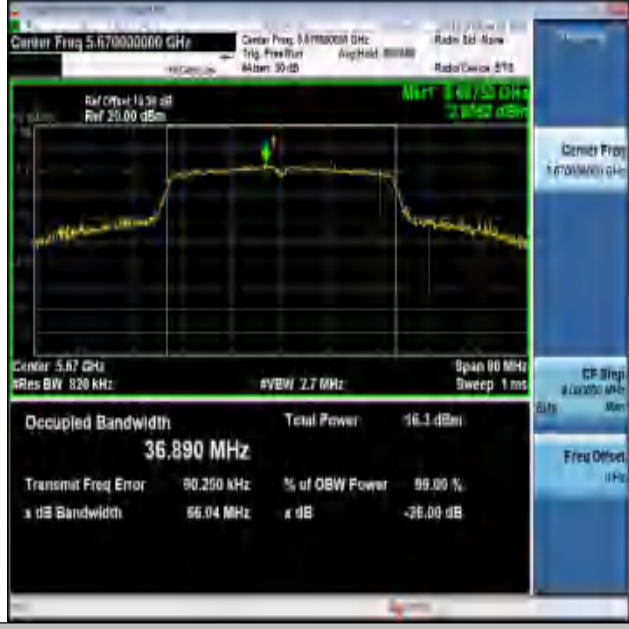
11AX40SISO-Ant1-5310



11AX40SISO-Ant1-5510



11AX40SISO-Ant1-5550



11AX40SISO-Ant1-5670



11AX40SISO-Ant1-5755



11AX40SISO-Ant1-5795



11AX80SISO-Ant1-5210



11AX80SISO-Ant1-5290





11AX80SISO-Ant1-5530



11AX80SISO-Ant1-5610

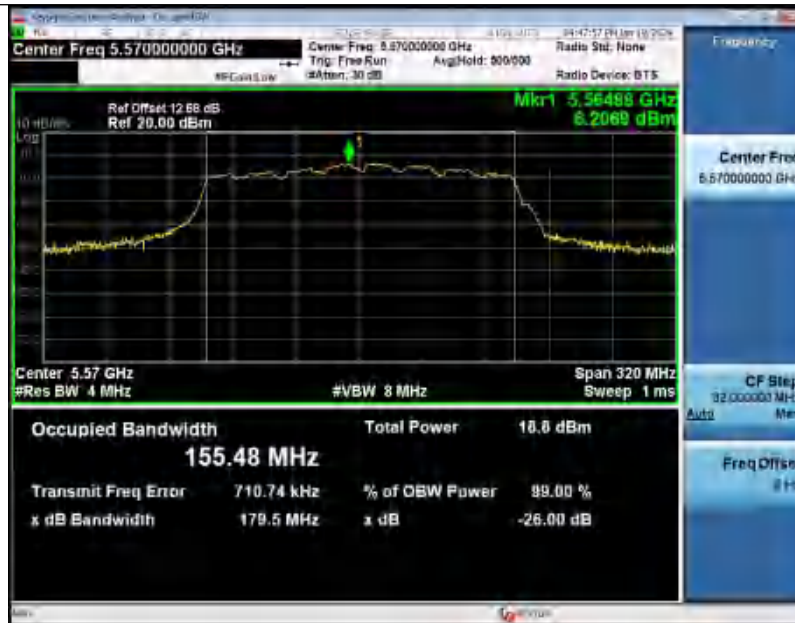




11AX80SISO-Ant1-5775



11AC160SISO-Ant1-5250



11AC160SISO-Ant1-5570



11AX160SISO-Ant1-5250



11AX160SISO-Ant1-5570

## Ant 2

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	17.367	5171.4489	5188.8159	---	---
11A	Ant2	5200	17.336	5191.4090	5208.7450	---	---
11A	Ant2	5240	17.097	5231.4808	5248.5778	---	---
11A	Ant2	5260	17.022	5251.5375	5268.5595	---	---
11A	Ant2	5280	16.963	5271.5539	5288.5169	---	---
11A	Ant2	5320	17.336	5311.3896	5328.7256	---	---
11A	Ant2	5500	17.340	5491.3490	5508.6890	---	---
11A	Ant2	5580	16.976	5571.5443	5588.5203	---	---
11A	Ant2	5700	17.312	5691.3195	5708.6315	---	---
11A	Ant2	5745	17.115	5736.5274	5753.6424	---	---
11A	Ant2	5785	16.976	5776.5040	5793.4800	---	---
11A	Ant2	5825	17.253	5816.3610	5833.6140	---	---
11N20SISO	Ant2	5180	17.357	5171.4221	5188.7791	---	---
11N20SISO	Ant2	5200	17.371	5191.3776	5208.7486	---	---
11N20SISO	Ant2	5240	17.109	5231.4410	5248.5500	---	---
11N20SISO	Ant2	5260	16.978	5251.5704	5268.5484	---	---
11N20SISO	Ant2	5280	16.946	5271.5874	5288.5334	---	---
11N20SISO	Ant2	5320	17.338	5311.3468	5328.6848	---	---
11N20SISO	Ant2	5500	17.30	5491.395	5508.703	---	---

			8	0	0		
11N20SISO	Ant2	5580	17.00 2	5571.521 2	5588.523 2	---	---
11N20SISO	Ant2	5700	17.27 5	5691.331 4	5708.606 4	---	---
11N20SISO	Ant2	5745	17.15 9	5736.479 4	5753.638 4	---	---
11N20SISO	Ant2	5785	16.98 5	5776.515 9	5793.500 9	---	---
11N20SISO	Ant2	5825	17.26 7	5816.322 8	5833.589 8	---	---
11N40SISO	Ant2	5190	36.78 9	5171.752 7	5208.541 7	---	---
11N40SISO	Ant2	5230	36.32 2	5211.8805	5248.202 5	---	---
11N40SISO	Ant2	5270	36.26 4	5251.963 8	5288.227 8	---	---
11N40SISO	Ant2	5310	36.82 5	5291.598 5	5328.423 5	---	---
11N40SISO	Ant2	5510	36.711	5491.716 1	5528.427 1	---	---
11N40SISO	Ant2	5550	36.38 2	5531.969 0	5568.351 0	---	---
11N40SISO	Ant2	5670	36.83 5	5651.688 9	5688.523 9	---	---
11N40SISO	Ant2	5755	36.63 1	5736.780 3	5773.4113	---	---
11N40SISO	Ant2	5795	36.34 9	5776.833 5	5813.182 5	---	---
11AC20SISO	Ant2	5180	17.39 2	5171.400 6	5188.792 6	---	---
11AC20SISO	Ant2	5200	17.35 9	5191.380 7	5208.739 7	---	---
11AC20SISO	Ant2	5240	17.04 4	5231.492 7	5248.536 7	---	---
11AC20SISO	Ant2	5260	16.99 9	5251.570 1	5268.569 1	---	---
11AC20SISO	Ant2	5280	16.94 1	5271.564 8	5288.505 8	---	---
11AC20SISO	Ant2	5320	17.35 0	5311.3611	5328.7111	---	---
11AC20SISO	Ant2	5500	17.28 3	5491.393 1	5508.676 1	---	---

11AC20SISO	Ant2	5580	16.95 8	5571.548 9	5588.506 9	---	---
11AC20SISO	Ant2	5700	17.28 1	5691.304 9	5708.585 9	---	---
11AC20SISO	Ant2	5745	17.20 7	5736.491 5	5753.698 5	---	---
11AC20SISO	Ant2	5785	16.97 2	5776.507 0	5793.479 0	---	---
11AC20SISO	Ant2	5825	17.20 0	5816.392 9	5833.592 9	---	---
11AC40SISO	Ant2	5190	36.77 9	5171.793 7	5208.572 7	---	---
11AC40SISO	Ant2	5230	36.39 5	5211.8304	5248.225 4	---	---
11AC40SISO	Ant2	5270	36.30 6	5251.960 6	5288.266 6	---	---
11AC40SISO	Ant2	5310	36.89 6	5291.623 2	5328.519 2	---	---
11AC40SISO	Ant2	5510	36.66 9	5491.773 5	5528.442 5	---	---
11AC40SISO	Ant2	5550	36.38 7	5531.935 2	5568.322 2	---	---
11AC40SISO	Ant2	5670	36.91 0	5651.679 1	5688.589 1	---	---
11AC40SISO	Ant2	5755	36.64 5	5736.761 3	5773.406 3	---	---
11AC40SISO	Ant2	5795	36.36 8	5776.845 4	5813.213 4	---	---
11AC80SISO	Ant2	5210	75.86 3	5172.237 7	5248.100 7	---	---
11AC80SISO	Ant2	5290	76.06 7	5251.994 6	5328.061 6	---	---
11AC80SISO	Ant2	5530	76.15 1	5492.070 3	5568.221 3	---	---
11AC80SISO	Ant2	5610	75.61 7	5572.467 2	5648.084 2	---	---
11AC80SISO	Ant2	5775	75.87 3	5737.1119	5812.984 9	---	---
11AX20SISO	Ant2	5180	17.32 3	5171.368 3	5188.691 3	---	---
11AX20SISO	Ant2	5200	17.39 4	5191.386 8	5208.780 8	---	---
11AX20SISO	Ant2	5240	17.05 8	5231.473 5	5248.531 5	---	---

11AX20SISO	Ant2	5260	16.96 9	5251.549 2	5268.518 2	---	---
11AX20SISO	Ant2	5280	16.93 3	5271.574 9	5288.507 9	---	---
11AX20SISO	Ant2	5320	17.43 9	5311.2342	5328.673 2	---	---
11AX20SISO	Ant2	5500	17.23 1	5491.449 5	5508.680 5	---	---
11AX20SISO	Ant2	5580	16.97 3	5571.609 6	5588.582 6	---	---
11AX20SISO	Ant2	5700	17.25 8	5691.325 9	5708.583 9	---	---
11AX20SISO	Ant2	5745	17.19 1	5736.461 5	5753.652 5	---	---
11AX20SISO	Ant2	5785	16.95 6	5776.562 8	5793.518 8	---	---
11AX20SISO	Ant2	5825	17.32 9	5816.296 1	5833.625 1	---	---
11AX40SISO	Ant2	5190	36.84 1	5171.741 2	5208.582 2	---	---
11AX40SISO	Ant2	5230	36.32 7	5211.8751	5248.202 1	---	---
11AX40SISO	Ant2	5270	36.35 6	5251.937 7	5288.293 7	---	---
11AX40SISO	Ant2	5310	36.811	5291.528 8	5328.339 8	---	---
11AX40SISO	Ant2	5510	36.69 8	5491.771 3	5528.469 3	---	---
11AX40SISO	Ant2	5550	36.58 1	5531.787 0	5568.368 0	---	---
11AX40SISO	Ant2	5670	36.84 7	5651.633 4	5688.480 4	---	---
11AX40SISO	Ant2	5755	36.74 5	5736.748 5	5773.493 5	---	---
11AX40SISO	Ant2	5795	36.32 8	5776.950 3	5813.278 3	---	---
11AX80SISO	Ant2	5210	76.06 7	5172.200 3	5248.267 3	---	---
11AX80SISO	Ant2	5290	76.06 5	5251.958 9	5328.023 9	---	---
11AX80SISO	Ant2	5530	76.12 9	5492.088 7	5568.217 7	---	---
11AX80SISO	Ant2	5610	75.62 1	5572.460 9	5648.081 9	---	---

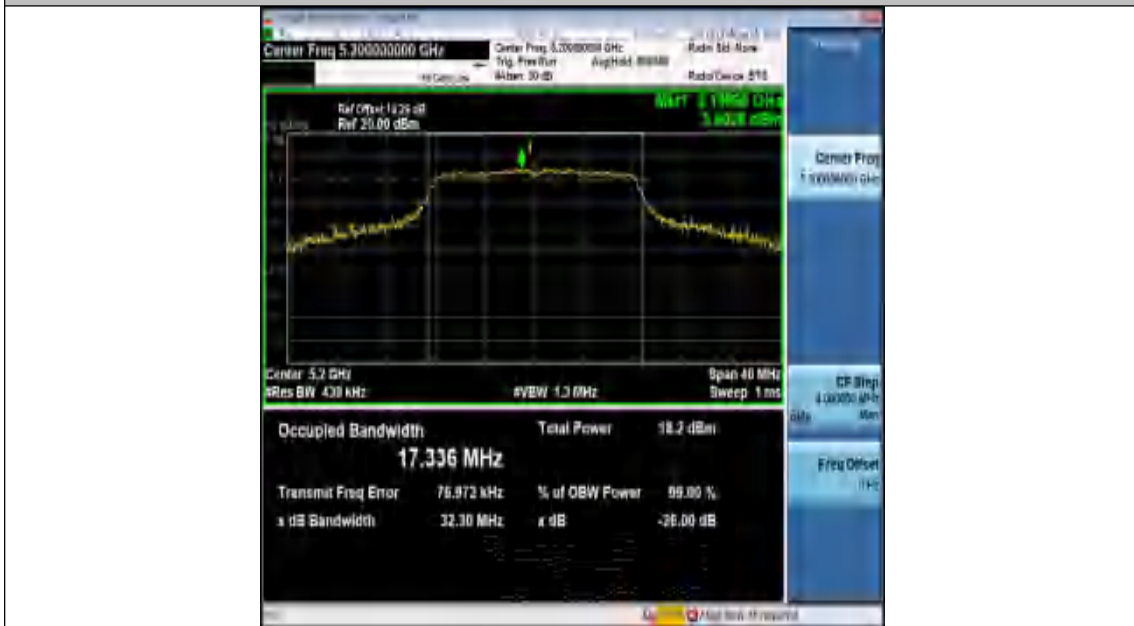


11AX80SISO	Ant2	5775	75.90 3	5737.103 7	5813.006 7	---	---
11AC160SIS O	Ant2	5250	155.2 6	5172.899 0	5328.159 0	---	---
11AC160SIS O	Ant2	5250_UNII-1	77.10 1	5172.899 0	5250	---	---
11AC160SIS O	Ant2	5250_UNII-2A	78.15 9	5250	5328.159 0	---	---
11AC160SIS O	Ant2	5570	155.5 2	5492.994 7	5648.514 7	---	---
11AX160SISO	Ant2	5250	155.2 7	5172.904 6	5328.174 6	---	---
11AX160SISO	Ant2	5250_UNII-1	77.09 5	5172.904 6	5250	---	---
11AX160SISO	Ant2	5250_UNII-2A	78.17 5	5250	5328.174 6	---	---
11AX160SISO	Ant2	5570	155.4 7	5493.008 0	5648.478 0	---	---

## Test Graphs



11A-Ant2-5180



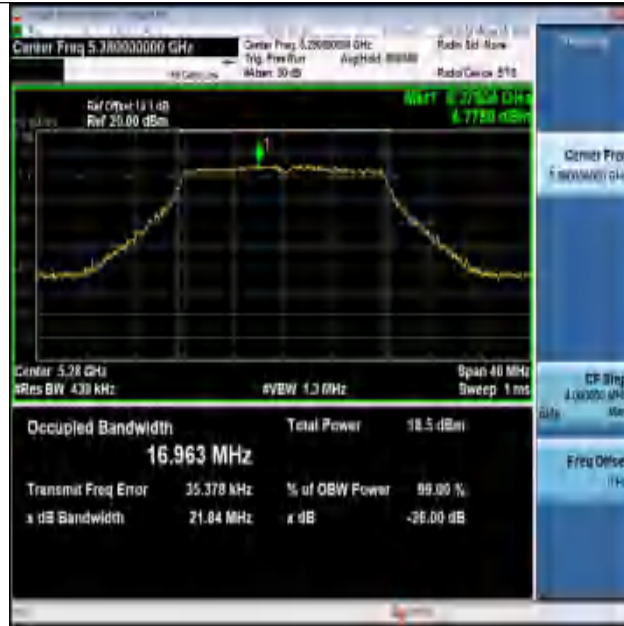
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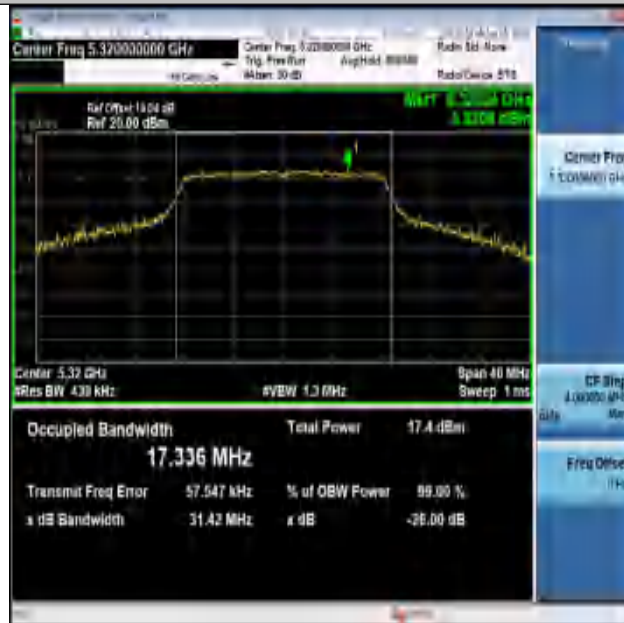
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11A-Ant2-5260



11A-Ant2-5280



11A-Ant2-5320



11A-Ant2-5500



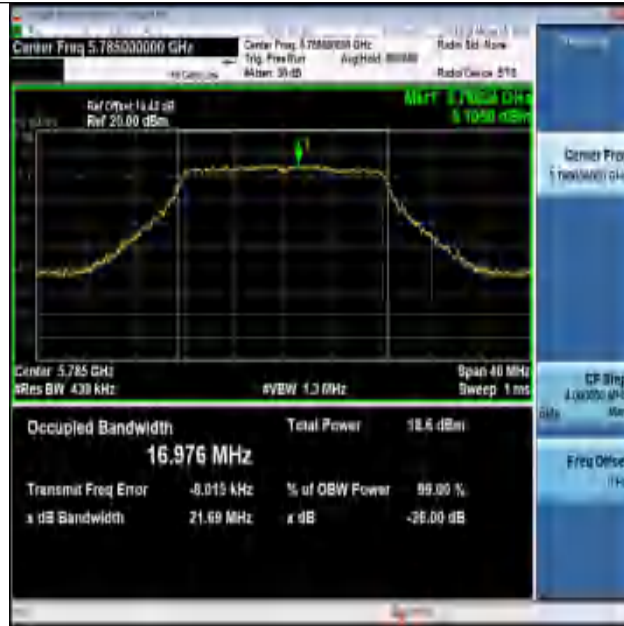
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11A-Ant2-5700



11A-Ant2-5745



11A-Ant2-5785



11A-Ant2-5825





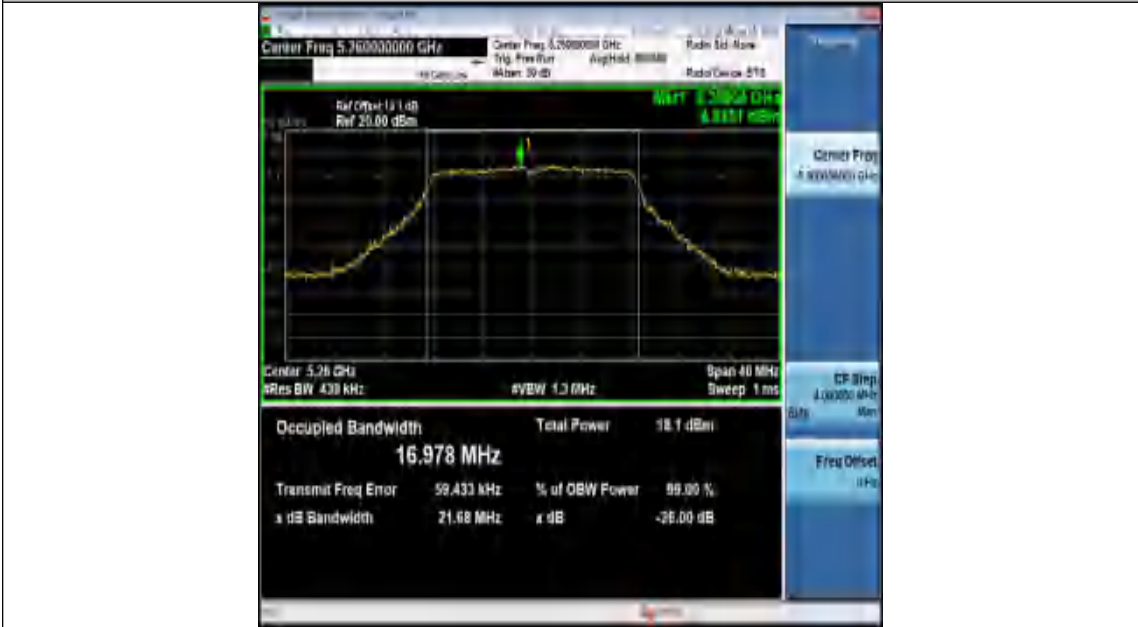
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11N20SISO-Ant2-5200



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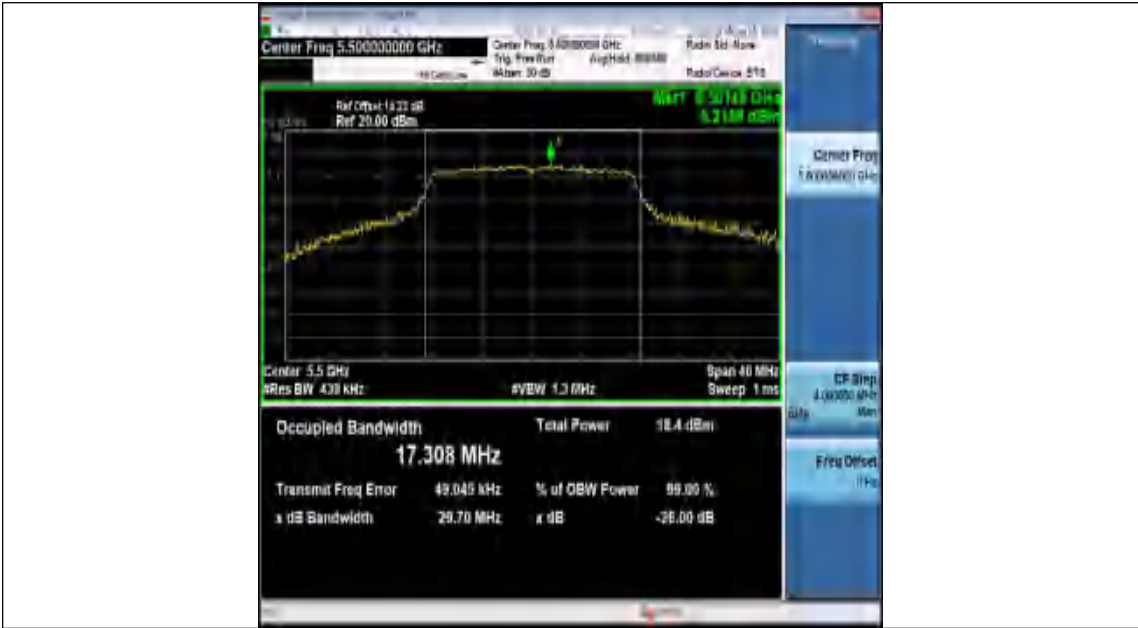
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11N20SISO-Ant2-5500



11N20SISO-Ant2-5580



11N20SISO-Ant2-5700



11N20SISO-Ant2-5745



11N20SISO-Ant2-5785



11N20SISO-Ant2-5825





11N40SISO-Ant2-5190



11N40SISO-Ant2-5230





11N40SISO-Ant2-5270



11N40SISO-Ant2-5310



11N40SISO-Ant2-5510



11N40SISO-Ant2-5550



11N40SISO-Ant2-5670



11N40SISO-Ant2-5755



11N40SISO-Ant2-5795



11AC20SISO-Ant2-5180



11AC20SISO-Ant2-5200



11AC20SISO-Ant2-5240



11AC20SISO-Ant2-5260



11AC20SISO-Ant2-5280





11AC20SISO-Ant2-5320



11AC20SISO-Ant2-5500





11AC20SISO-Ant2-5580



11AC20SISO-Ant2-5700



11AC20SISO-Ant2-5745



11AC20SISO-Ant2-5785



11AC20SISO-Ant2-5825



11AC40SISO-Ant2-5190



11AC40SISO-Ant2-5230



11AC40SISO-Ant2-5270



11AC40SISO-Ant2-5310



11AC40SISO-Ant2-5510



11AC40SISO-Ant2-5550



11AC40SISO-Ant2-5670





11AC40SISO-Ant2-5755



11AC40SISO-Ant2-5795





11AC80SISO-Ant2-5210



11AC80SISO-Ant2-5290



11AC80SISO-Ant2-5530



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11AC80SISO-Ant2-5775



11AX20SISO-Ant2-5180



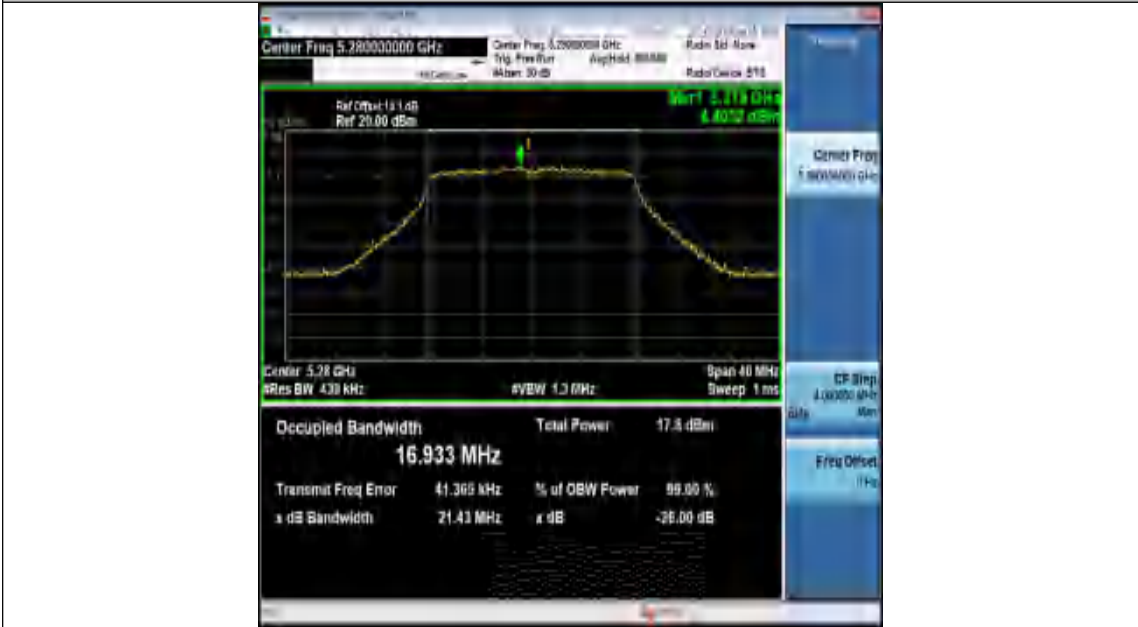
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11AX20SISO-Ant2-5240



11AX20SISO-Ant2-5260



11AX20SISO-Ant2-5280

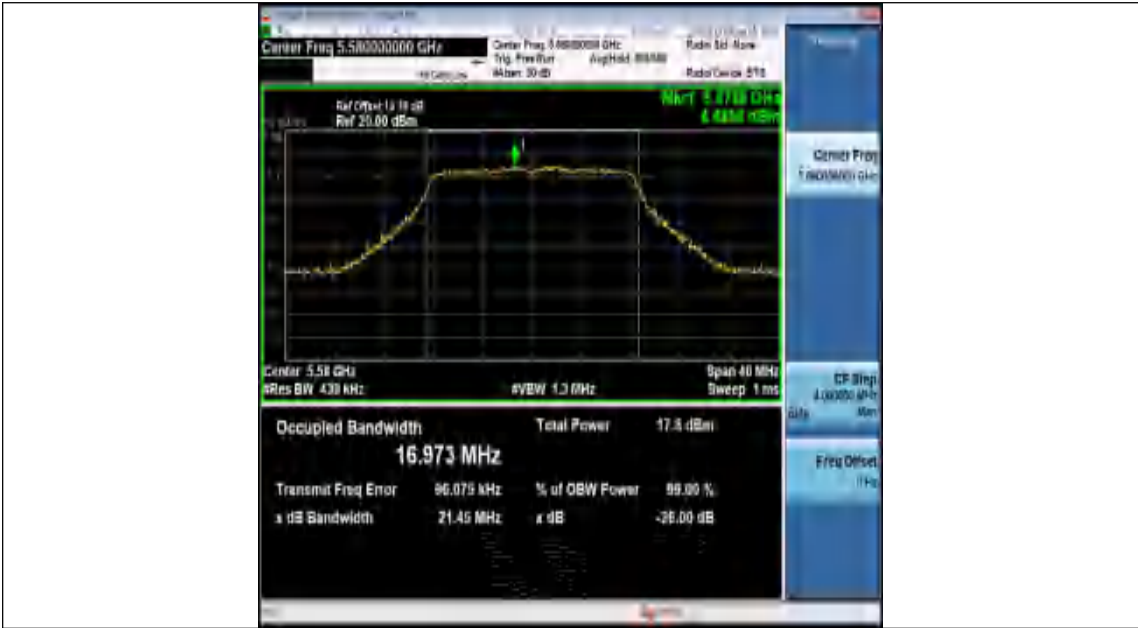


11AX20SISO-Ant2-5320

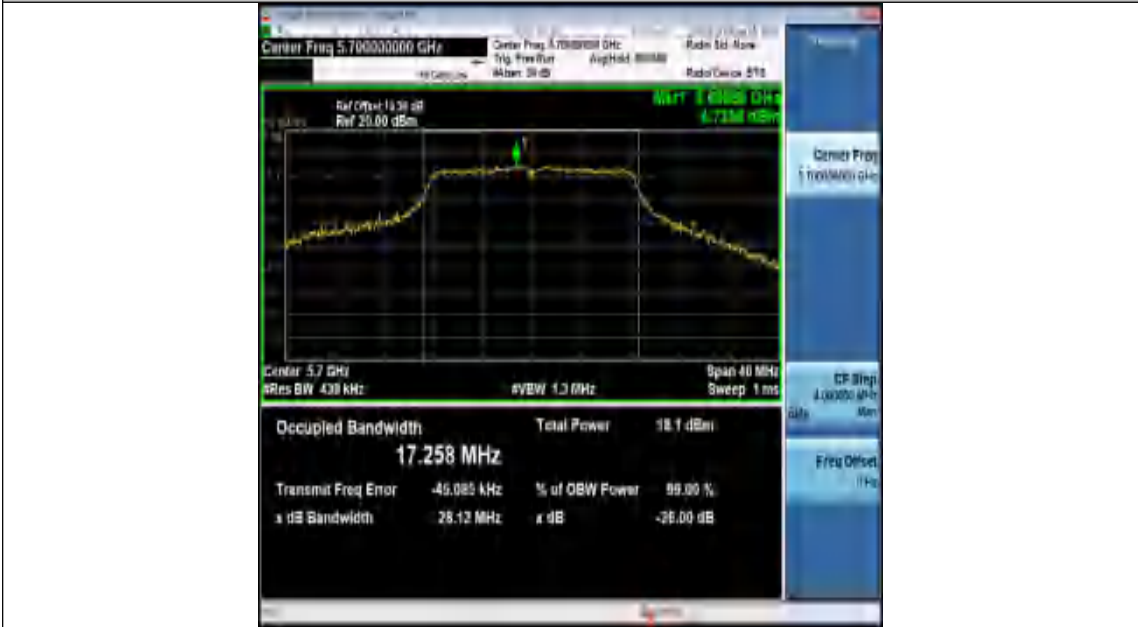


11AX20SISO-Ant2-5500





11AX20SISO-Ant2-5580



11AX20SISO-Ant2-5700

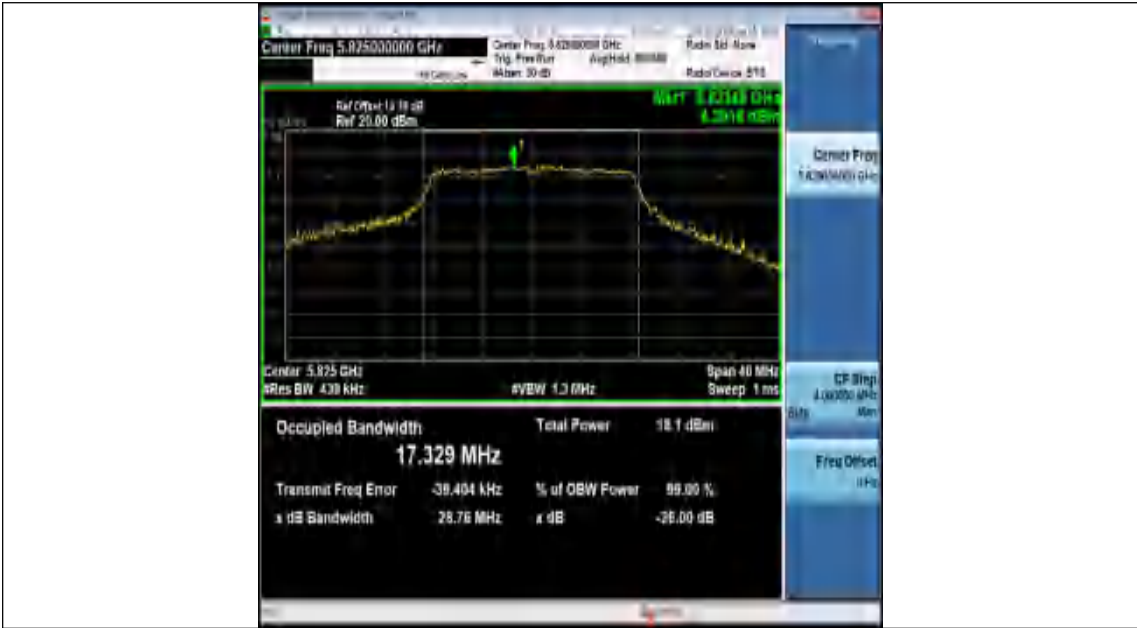




11AX20SISO-Ant2-5745



11AX20SISO-Ant2-5785



11AX20SISO-Ant2-5825



11AX40SISO-Ant2-5190



11AX40SISO-Ant2-5230



11AX40SISO-Ant2-5270



11AX40SISO-Ant2-5310



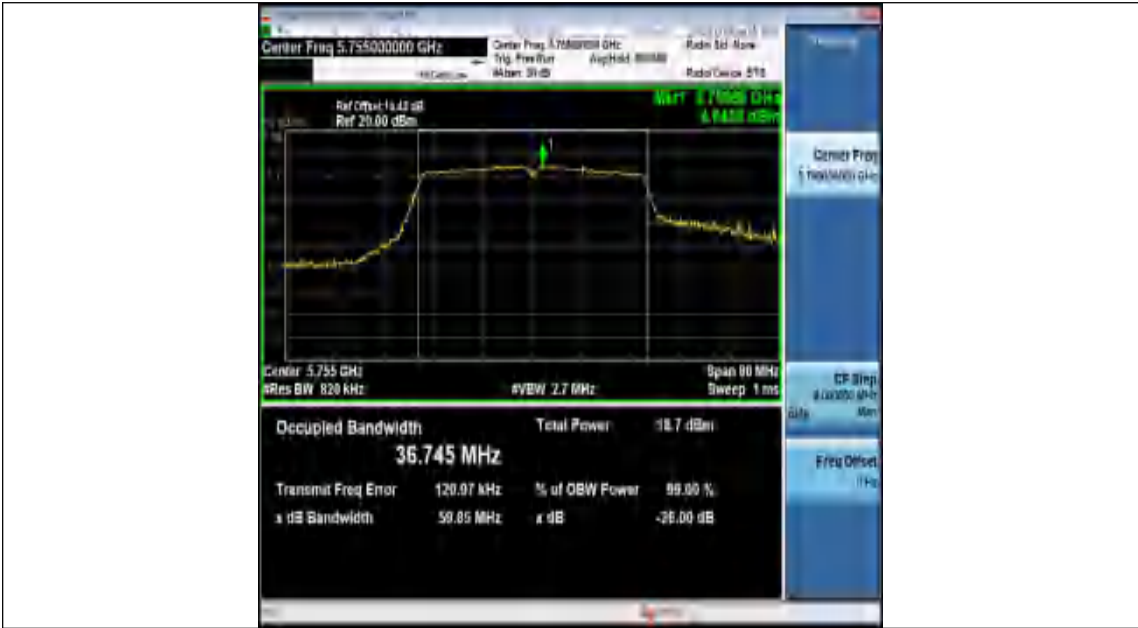
11AX40SISO-Ant2-5510



11AX40SISO-Ant2-5550



11AX40SISO-Ant2-5670



11AX40SISO-Ant2-5755



11AX40SISO-Ant2-5795





11AX80SISO-Ant2-5210



11AX80SISO-Ant2-5290





11AX80SISO-Ant2-5530



11AX80SISO-Ant2-5610



11AX80SISO-Ant2-5775



11AC160SISO-Ant2-5250



11AC160SISO-Ant2-5570



11AX160SISO-Ant2-5250



11AX160SISO-Ant2-5570

## Appendix A3: Min emission bandwidth

### Test Result B4

#### Ant 1

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
11A	Ant1	5785	16.440	5776.800	5793.240	0.5	PASS
11A	Ant1	5825	15.680	5817.480	5833.160	0.5	PASS
11N20SISO	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
11N20SISO	Ant1	5785	16.280	5776.840	5793.120	0.5	PASS
11N20SISO	Ant1	5825	16.360	5816.840	5833.200	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
11N40SISO	Ant1	5795	35.200	5777.400	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
11AC20SISO	Ant1	5785	16.320	5776.840	5793.160	0.5	PASS
11AC20SISO	Ant1	5825	16.320	5816.840	5833.160	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
11AC40SISO	Ant1	5795	35.120	5772.440	5807.560	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
11AX20SISO	Ant1	5785	16.320	5776.840	5793.160	0.5	PASS
11AX20SISO	Ant1	5825	16.040	5817.120	5833.160	0.5	PASS
11AX40SISO	Ant1	5755	34.960	5737.560	5772.520	0.5	PASS
11AX40SISO	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

## Test Graphs B4



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS





11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS





11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS