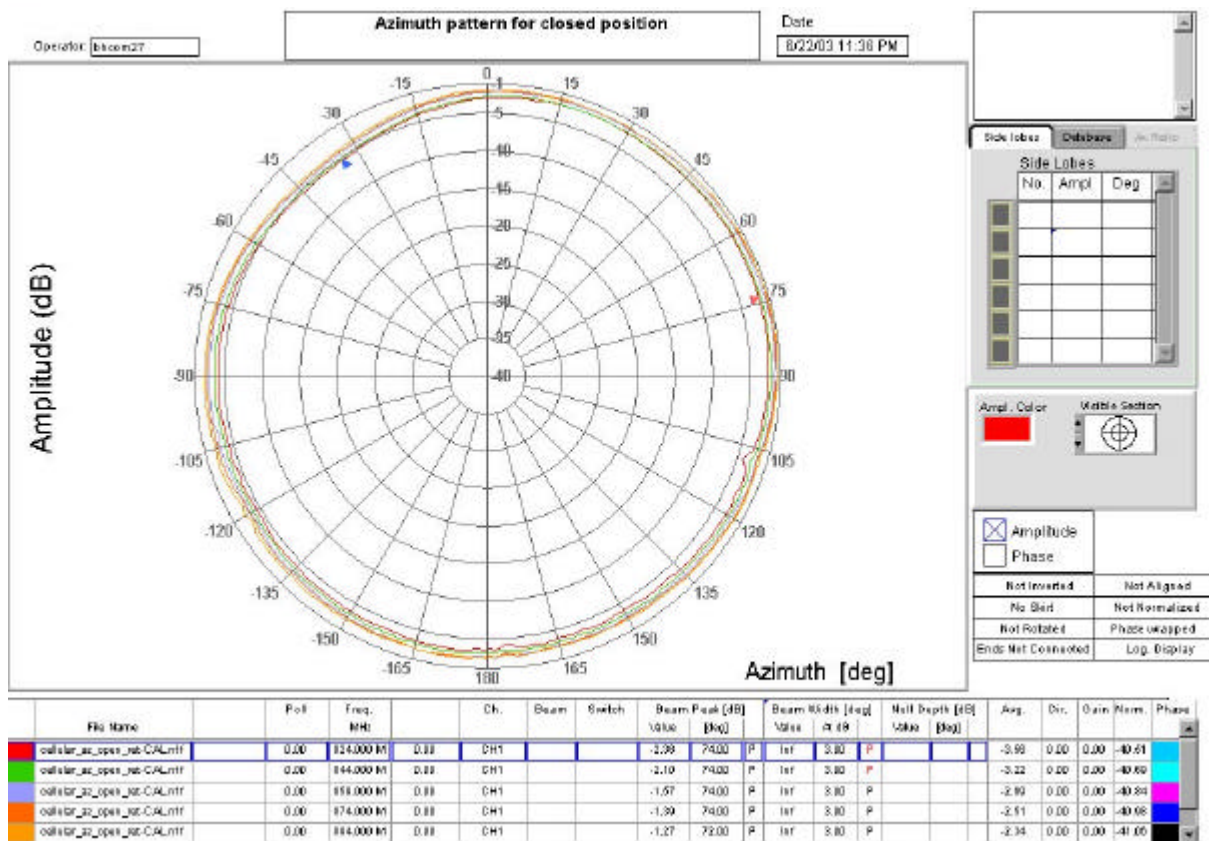
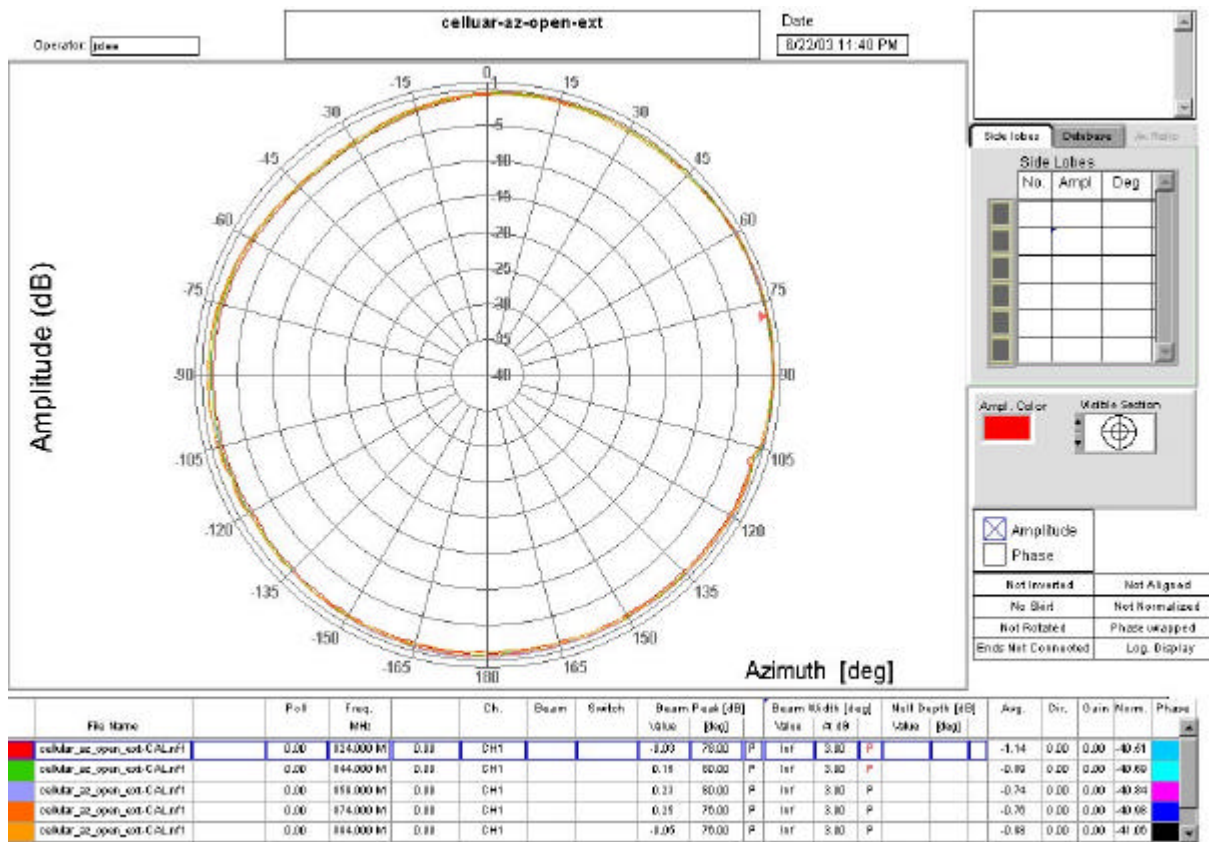
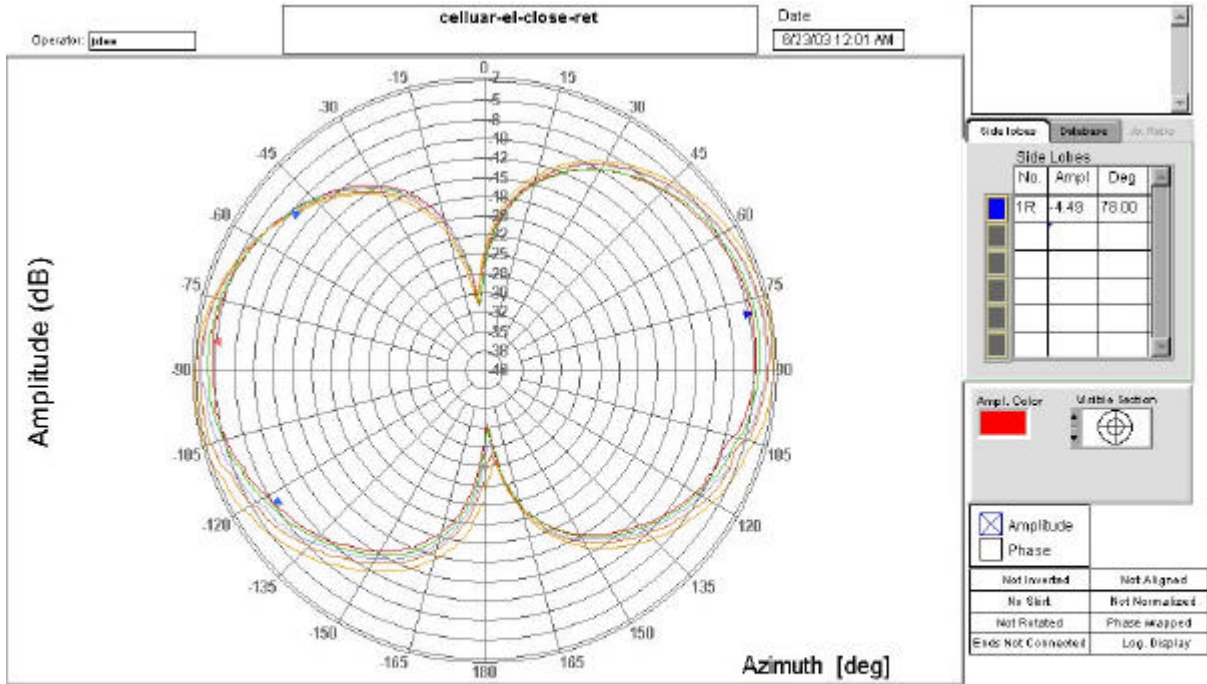


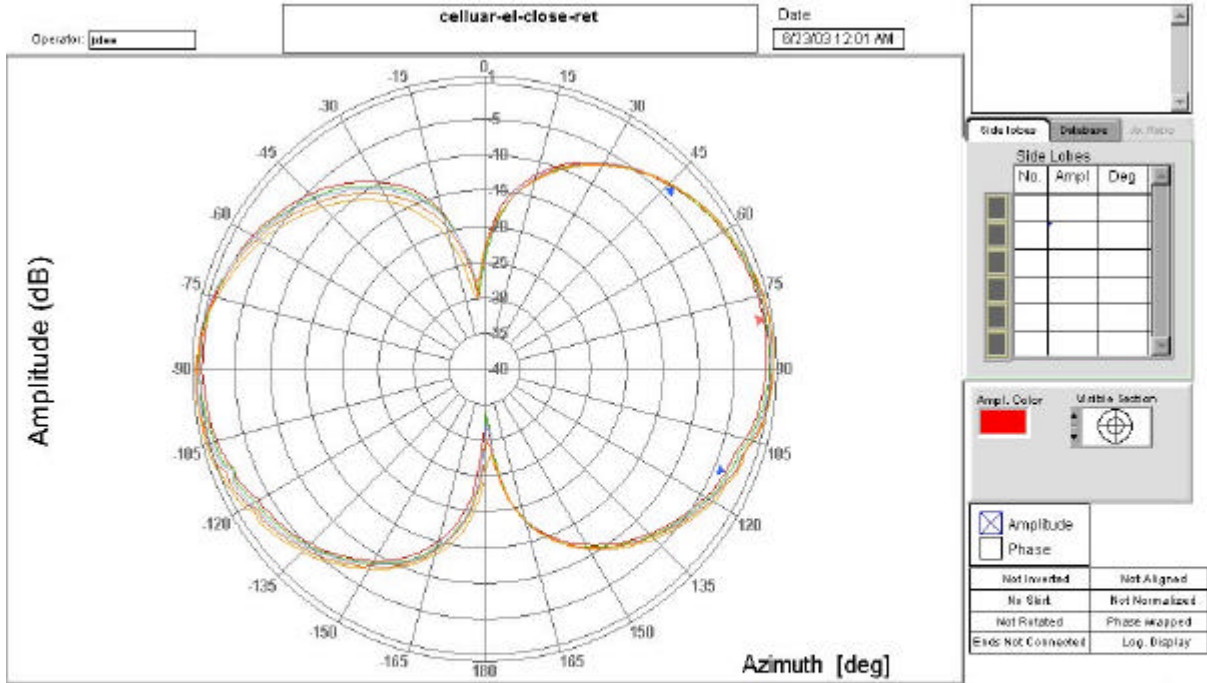
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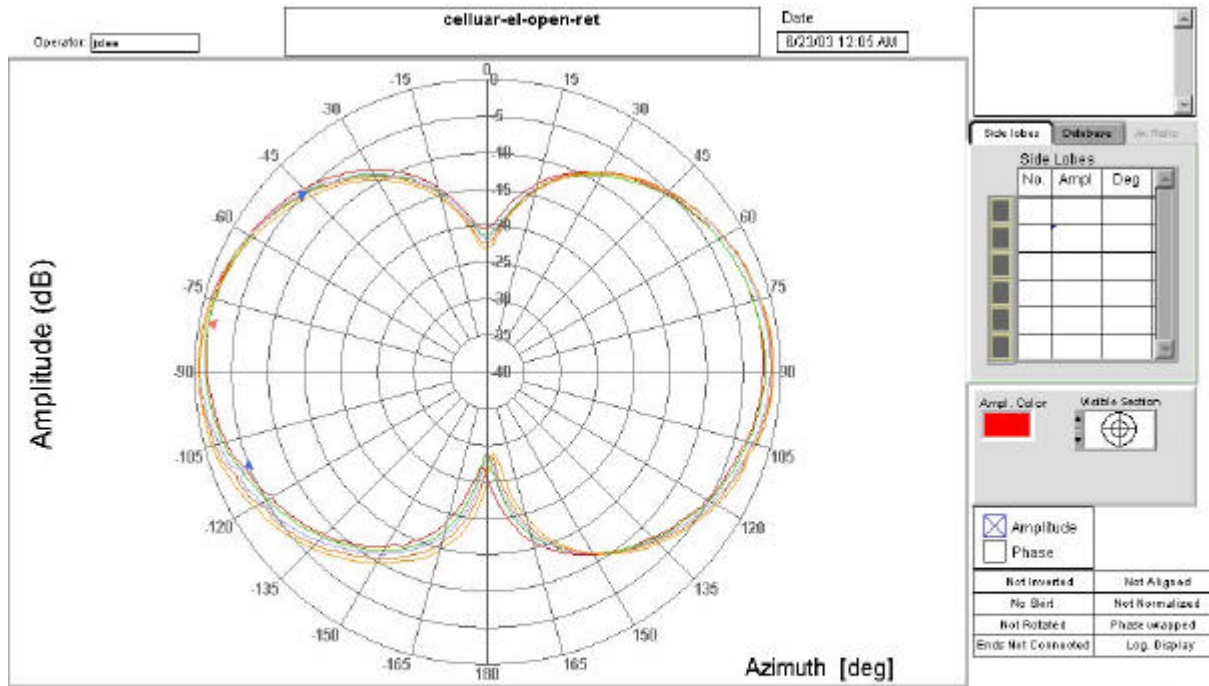


| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Ang. | Dir. | Gain | Norm. | Phase |
|------------------------------|------|-----------|------|------|--------|----------------------------|-------------------------------|-----------------------------|-------|------|------|--------|-------|
| celluar_el_close_ret-CAL.rtf | 0.00 | 824.000 M | 1.00 | CHI | | -4.48 -84.80 P | 72.04 3.00 P | | -6.28 | 0.00 | 1.00 | -40.61 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 844.000 M | 1.00 | CHI | | -3.88 -85.80 P | 97.84 3.00 P | | -7.88 | 0.00 | 1.00 | -40.60 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 859.000 M | 1.00 | CHI | | -3.18 -80.80 P | 63.84 3.00 P | | -7.28 | 0.00 | 1.00 | -40.84 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 874.000 M | 1.00 | CHI | | -2.81 -80.80 P | 65.82 3.00 P | | -6.85 | 0.00 | 1.00 | -40.68 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 894.000 M | 1.00 | CHI | | -2.18 -189.00 P | 65.00 3.00 P | | -6.28 | 0.00 | 1.00 | -41.00 | |

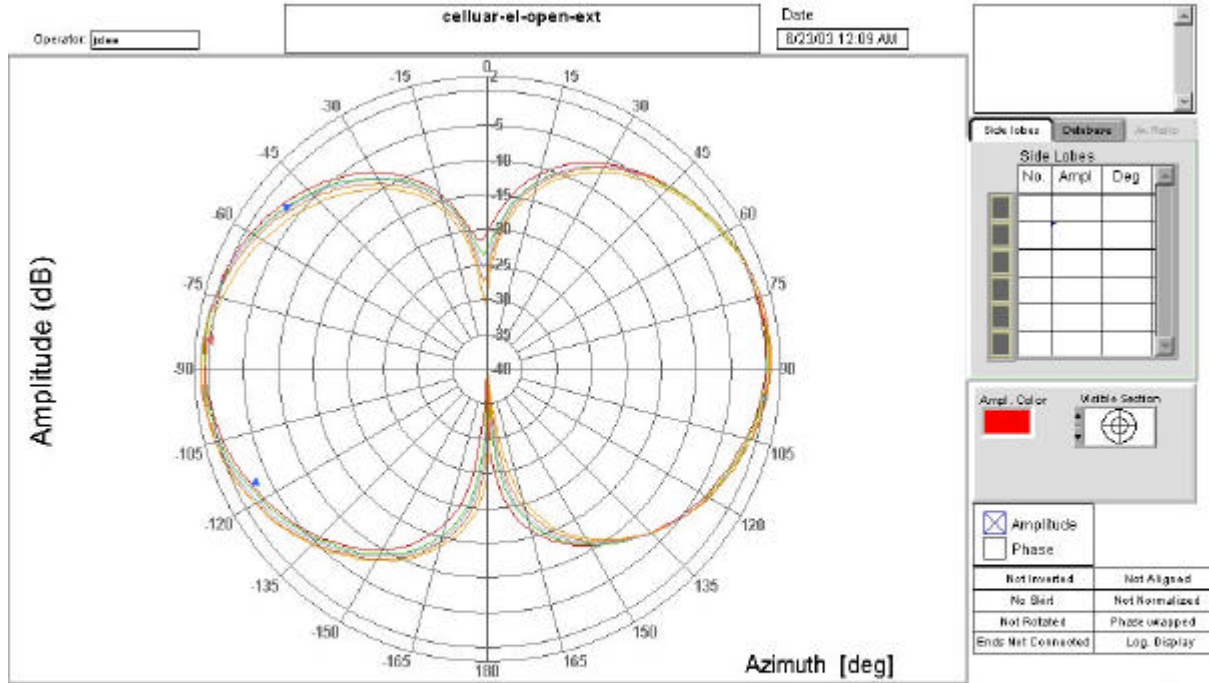


| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Ang. | Dir. | Gain | Norm. | Phase |
|------------------------------|------|-----------|------|------|--------|----------------------------|-------------------------------|-----------------------------|-------|------|------|--------|-------|
| celluar_el_close_ret-CAL.rtf | 0.00 | 824.000 M | 1.00 | CHI | | -0.28 80.00 P | 88.66 3.00 P | | -4.31 | 0.00 | 1.00 | -40.61 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 844.000 M | 1.00 | CHI | | 0.11 82.00 P | 95.82 3.00 P | | -4.87 | 0.00 | 1.00 | -40.60 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 859.000 M | 1.00 | CHI | | 0.48 82.00 P | 65.21 3.00 P | | -3.81 | 0.00 | 1.00 | -40.84 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 874.000 M | 1.00 | CHI | | 0.06 82.00 P | 65.12 3.00 P | | -3.71 | 0.00 | 1.00 | -40.68 | |
| celluar_el_close_ret-CAL.rtf | 0.00 | 894.000 M | 1.00 | CHI | | 0.06 84.00 P | 65.14 3.00 P | | -3.88 | 0.00 | 1.00 | -41.00 | |

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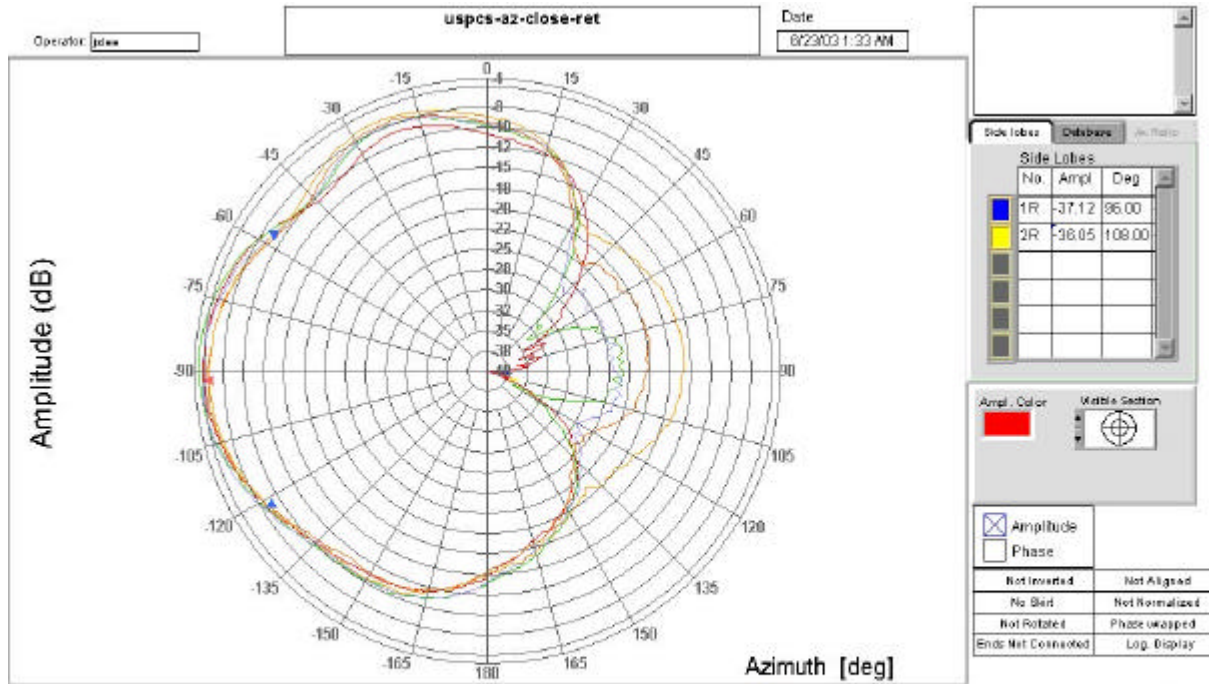


| File Name | Pol | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value α 18 | Half Depth [dB] Value [deg] | Avg. | Dir. | Gain | Norm. | Phase |
|-----------------------------|------|-----------|------|------|--------|----------------------------|-----------------------------|-----------------------------|-------|------|------|--------|-------|
| celluar_el_open_ret-CAL.rft | 0.00 | 824.000 M | 0.88 | CH1 | | -1.26 -30.00 | 65.15 3.80 | P | -5.82 | 0.00 | 0.00 | -40.61 | |
| celluar_el_open_ret-CAL.rft | 0.00 | 844.000 M | 0.88 | CH1 | | -1.32 -34.00 | 65.82 3.80 | P | -5.59 | 0.00 | 0.00 | -40.60 | |
| celluar_el_open_ret-CAL.rft | 0.00 | 858.000 M | 0.88 | CH1 | | -1.04 -30.00 | 60.27 3.80 | P | -5.81 | 0.00 | 0.00 | -40.64 | |
| celluar_el_open_ret-CAL.rft | 0.00 | 874.000 M | 0.88 | CH1 | | -1.52 -39.00 | 64.14 3.80 | P | -4.84 | 0.00 | 0.00 | -40.68 | |
| celluar_el_open_ret-CAL.rft | 0.00 | 884.000 M | 0.88 | CH1 | | -1.01 -40.00 | 64.84 3.80 | P | -4.70 | 0.00 | 0.00 | -41.05 | |

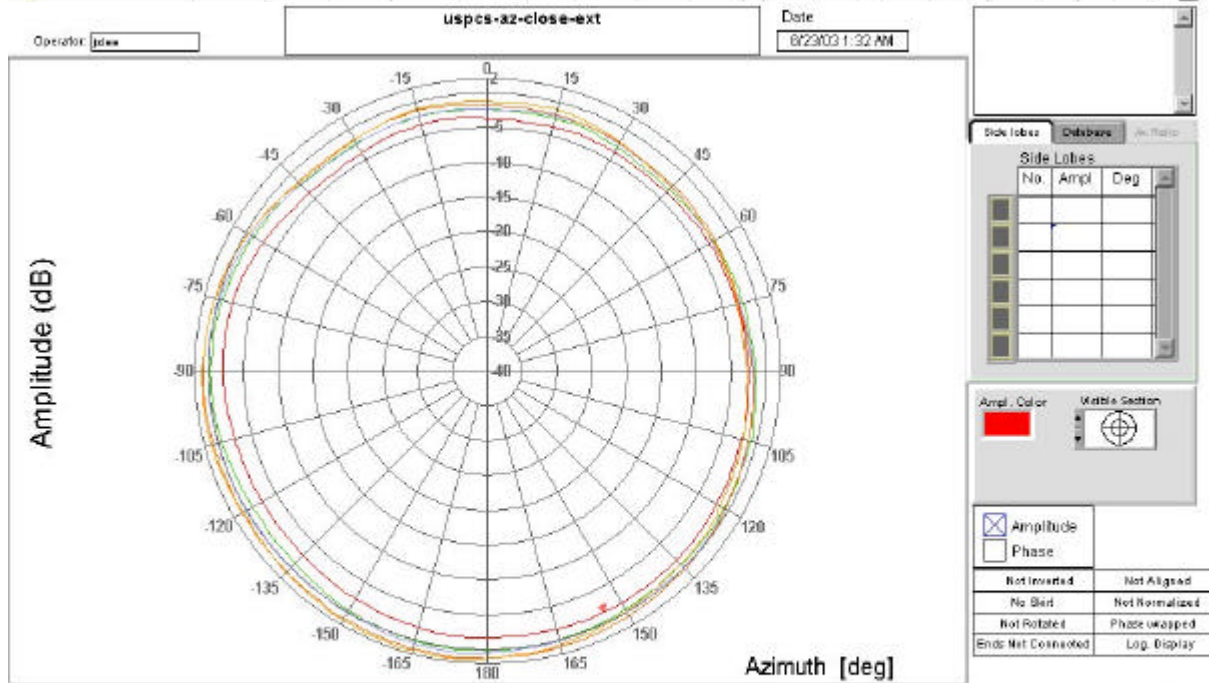


| File Name | Pol | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value α 18 | Half Depth [dB] Value [deg] | Avg. | Dir. | Gain | Norm. | Phase |
|-----------------------------|------|-----------|------|------|--------|----------------------------|-----------------------------|-----------------------------|-------|------|------|--------|-------|
| celluar_el_open_ext-CAL.rft | 0.00 | 824.000 M | 0.88 | CH1 | | 0.88 -34.00 | 65.15 3.80 | P | -5.80 | 0.00 | 0.00 | -40.61 | |
| celluar_el_open_ext-CAL.rft | 0.00 | 844.000 M | 0.88 | CH1 | | 0.71 -39.00 | 65.73 3.80 | P | -5.57 | 0.00 | 0.00 | -40.60 | |
| celluar_el_open_ext-CAL.rft | 0.00 | 858.000 M | 0.88 | CH1 | | 1.87 -40.00 | 62.28 3.80 | P | -3.32 | 0.00 | 0.00 | -40.64 | |
| celluar_el_open_ext-CAL.rft | 0.00 | 874.000 M | 0.88 | CH1 | | 1.88 -40.00 | 61.28 3.80 | P | -3.31 | 0.00 | 0.00 | -40.68 | |
| celluar_el_open_ext-CAL.rft | 0.00 | 884.000 M | 0.88 | CH1 | | 0.85 -34.00 | 62.58 3.80 | P | -3.84 | 0.00 | 0.00 | -41.05 | |

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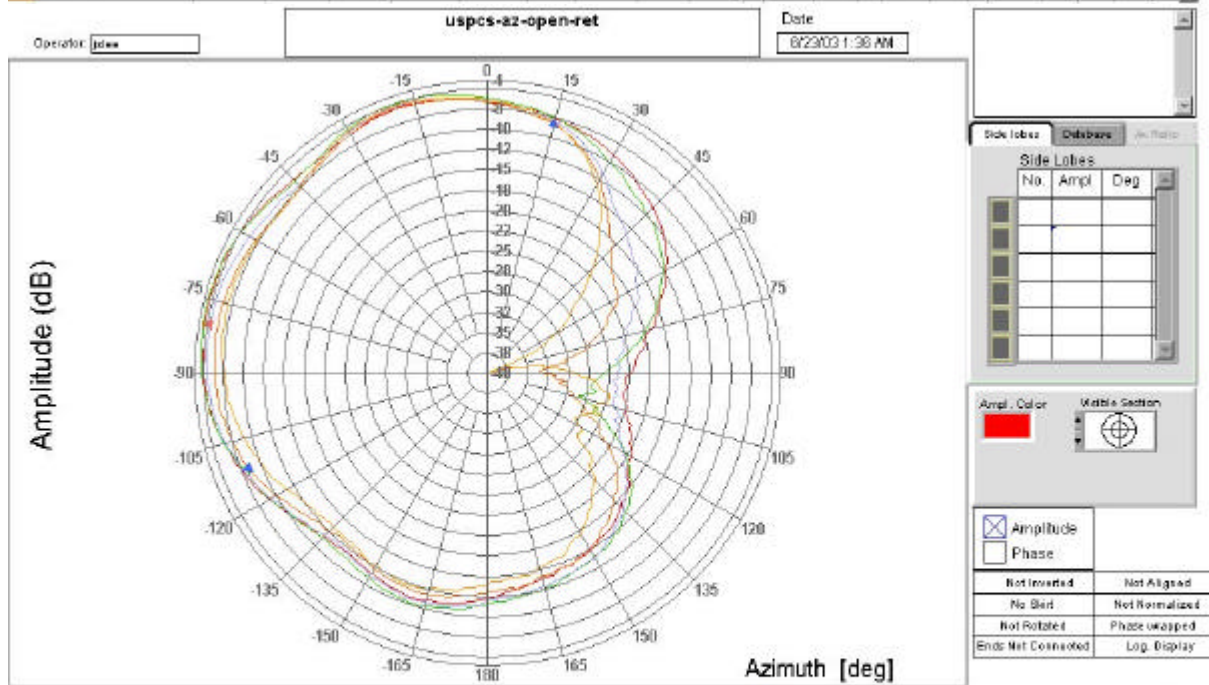
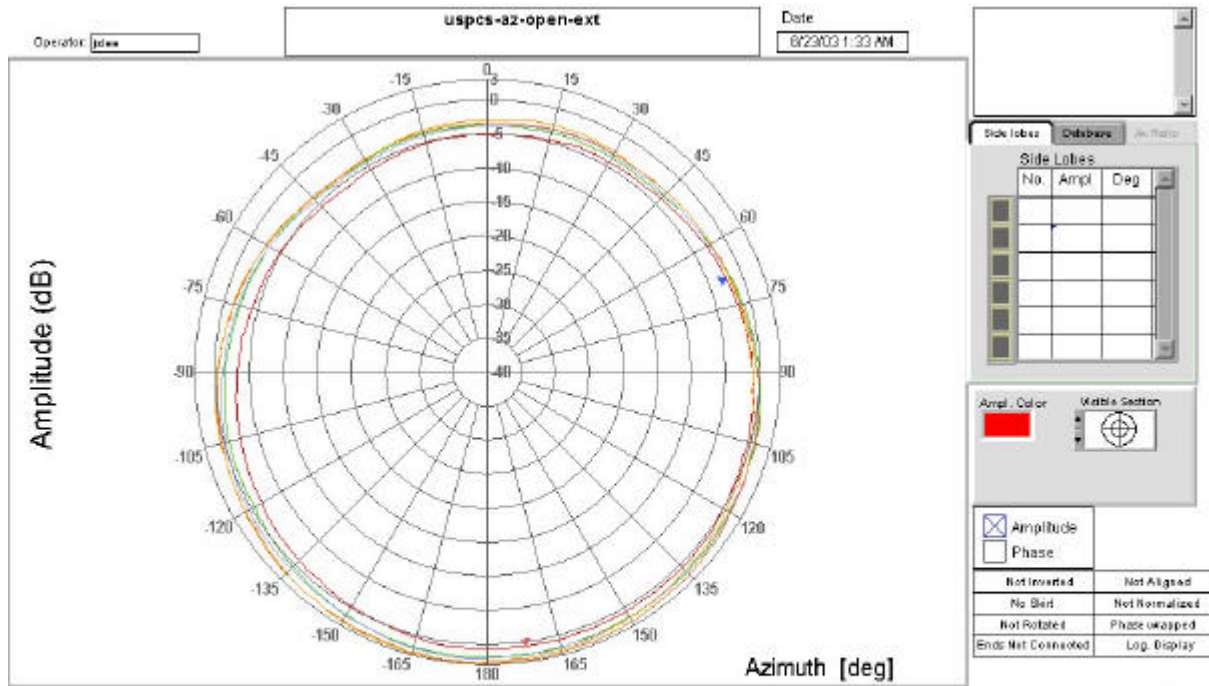


| File Name | Pol | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value | Beam Width [deg] Value | Half Depth [dB] Value | Avg. | Dir. | Gain | Norm. | Phase | | | |
|----------------------------|------|------------|------|------|--------|----------------------|------------------------|-----------------------|-------|------|------|-------|--------|------|------|--------|
| uspcs_az_close_ret-CAL.rft | 0.00 | 1650.000 M | 0.88 | CH1 | | -5.11 | -92.00 | P | 64.52 | 3.80 | P | | -10.88 | 0.00 | 0.00 | -54.42 |
| uspcs_az_close_ret-CAL.rft | 0.00 | 1655.000 M | 0.88 | CH1 | | -4.94 | -93.00 | P | 59.32 | 3.80 | P | | -10.28 | 0.00 | 0.00 | -94.71 |
| uspcs_az_close_ret-CAL.rft | 0.00 | 1660.000 M | 0.88 | CH1 | | -4.89 | -90.00 | P | 60.84 | 3.80 | P | | -10.41 | 0.00 | 0.00 | -54.62 |
| uspcs_az_close_ret-CAL.rft | 0.00 | 1665.000 M | 0.88 | CH1 | | -5.50 | -90.00 | P | 61.78 | 3.80 | P | | -10.77 | 0.00 | 0.00 | -54.62 |
| uspcs_az_close_ret-CAL.rft | 0.00 | 1670.000 M | 0.88 | CH1 | | -5.70 | -90.00 | P | 65.33 | 3.80 | P | | -10.34 | 0.00 | 0.00 | -55.61 |

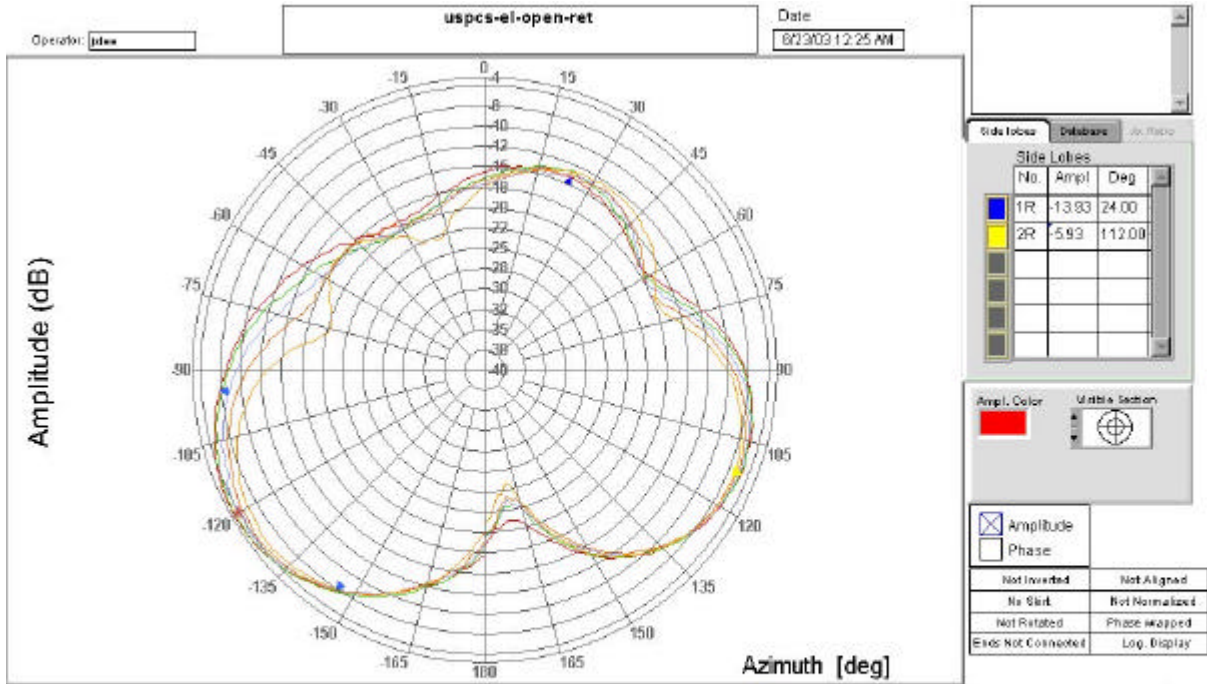


| File Name | Pol | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value | Beam Width [deg] Value | Half Depth [dB] Value | Avg. | Dir. | Gain | Norm. | Phase | | | |
|----------------------------|------|------------|------|------|--------|----------------------|------------------------|-----------------------|------|------|------|-------|-------|------|------|--------|
| uspcs_az_close_ext-CAL.rft | 0.00 | 1650.000 M | 0.88 | CH1 | | -1.55 | -164.88 | P | Inf | 3.80 | P | | -2.51 | 0.00 | 0.00 | -54.42 |
| uspcs_az_close_ext-CAL.rft | 0.00 | 1655.000 M | 0.88 | CH1 | | 0.19 | -174.20 | P | Inf | 3.80 | P | | -1.30 | 0.00 | 0.00 | -94.71 |
| uspcs_az_close_ext-CAL.rft | 0.00 | 1660.000 M | 0.88 | CH1 | | 0.85 | -170.00 | P | Inf | 3.80 | P | | -0.82 | 0.00 | 0.00 | -54.62 |
| uspcs_az_close_ext-CAL.rft | 0.00 | 1665.000 M | 0.88 | CH1 | | 1.32 | -172.00 | P | Inf | 3.80 | P | | -0.30 | 0.00 | 0.00 | -54.62 |
| uspcs_az_close_ext-CAL.rft | 0.00 | 1670.000 M | 0.88 | CH1 | | 1.88 | -194.00 | P | Inf | 3.80 | P | | -0.44 | 0.00 | 0.00 | -55.61 |

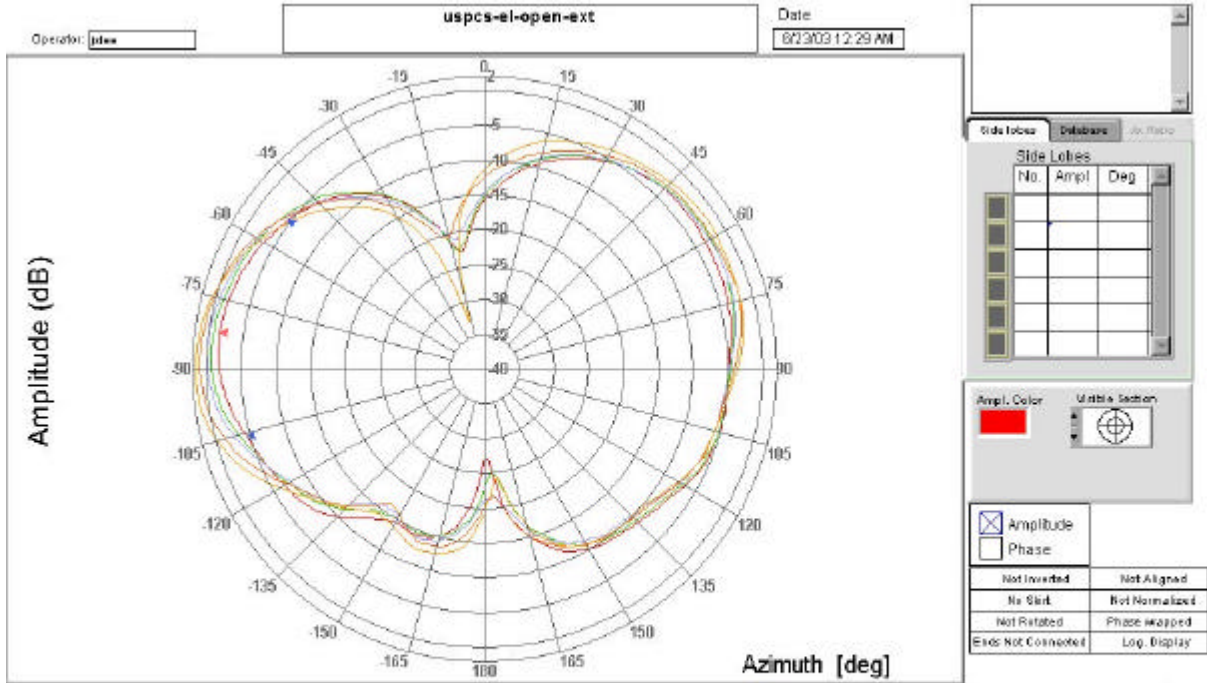
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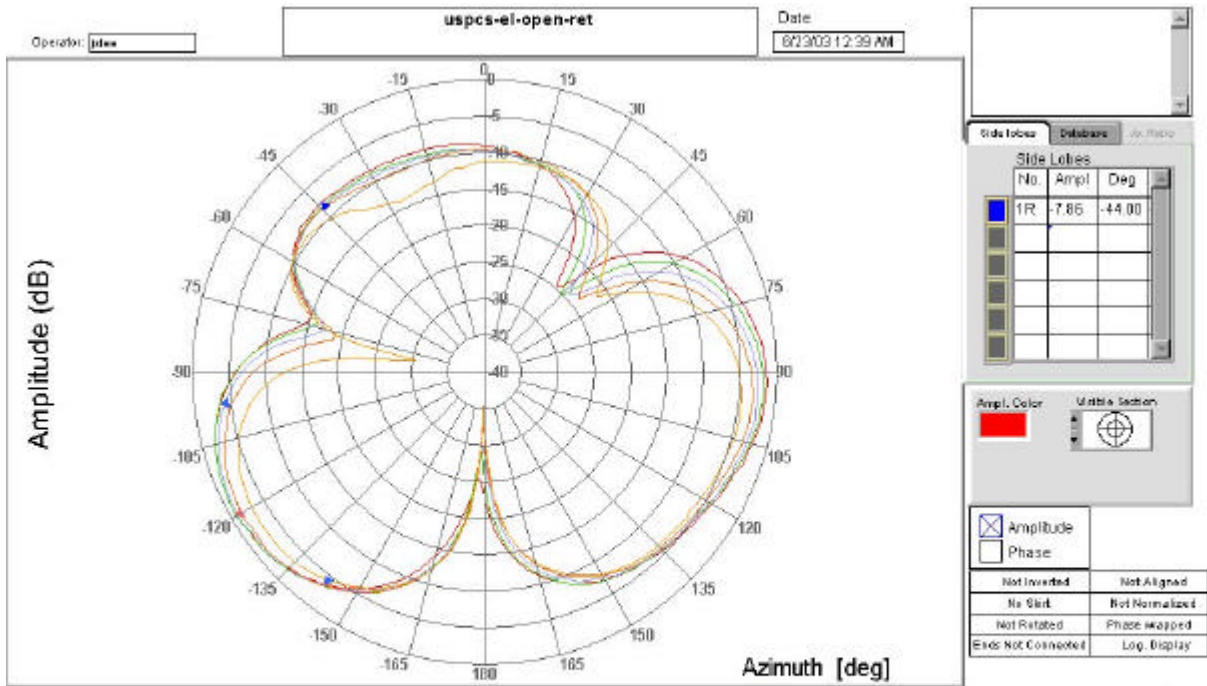


| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Ang. | Dir. | Gain | Norm. | Phase |
|-----------------------------|------|------------|------|------|--------|----------------------------|-------------------------------|-----------------------------|--------|------|------|--------|-------|
| uspsc_el_dclose_ret-CAL.rtf | 0.00 | 1880.000 M | 1.00 | CHI | | -4.28 -128.00 P | 51.64 3.00 P | | 6.24 | 0.00 | 1.00 | -54.47 | |
| uspsc_el_dclose_ret-CAL.rtf | 0.00 | 1885.000 M | 1.00 | CHI | | -4.82 -128.00 P | 52.62 3.00 P | | -10.21 | 0.00 | 1.00 | -54.71 | |
| uspsc_el_dclose_ret-CAL.rtf | 0.00 | 1890.000 M | 1.00 | CHI | | -4.81 -128.00 P | 49.66 3.00 P | | -10.48 | 0.00 | 1.00 | -54.62 | |
| uspsc_el_dclose_ret-CAL.rtf | 0.00 | 1895.000 M | 1.00 | CHI | | -6.23 -128.00 P | 49.04 3.00 P | | -10.80 | 0.00 | 1.00 | -54.63 | |
| uspsc_el_dclose_ret-CAL.rtf | 0.00 | 1880.000 M | 1.00 | CHI | | -6.88 -128.00 P | 48.60 3.00 P | | -11.20 | 0.00 | 1.00 | -55.61 | |

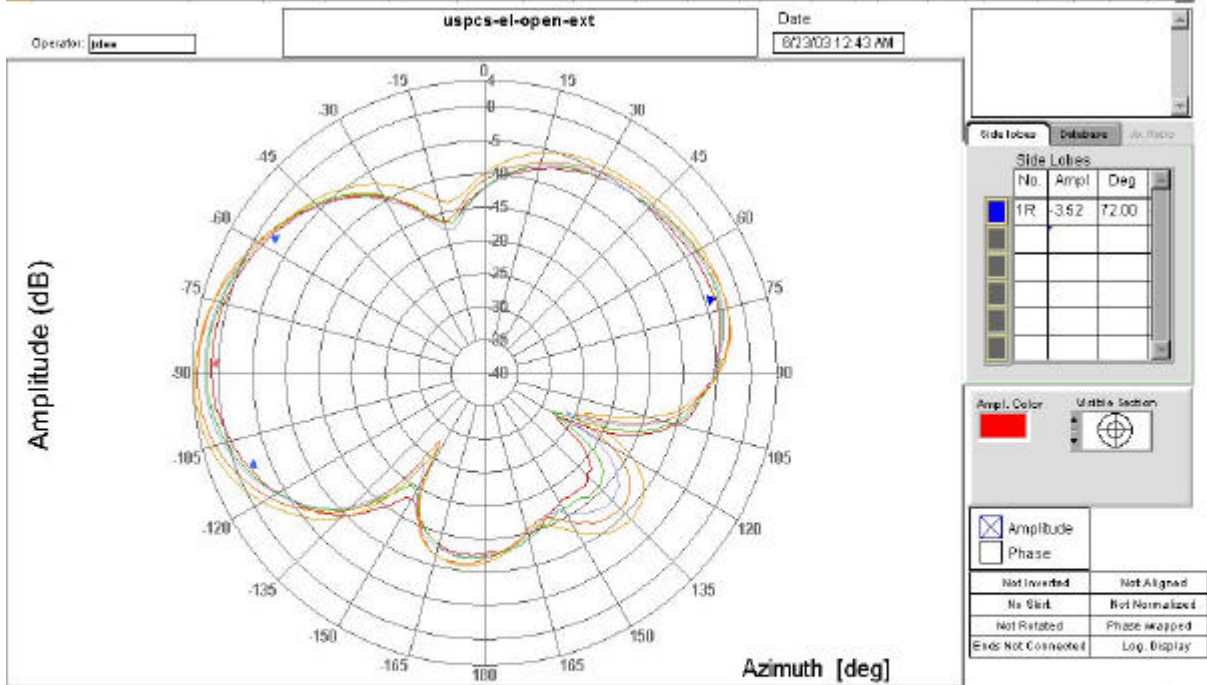


| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Ang. | Dir. | Gain | Norm. | Phase |
|-----------------------------|------|------------|------|------|--------|----------------------------|-------------------------------|-----------------------------|-------|------|------|--------|-------|
| uspsc_el_dclose_ext-CAL.rtf | 0.00 | 1880.000 M | 1.00 | CHI | | -1.58 -82.80 P | 53.19 3.00 P | | 6.28 | 0.00 | 1.00 | -54.47 | |
| uspsc_el_dclose_ext-CAL.rtf | 0.00 | 1885.000 M | 1.00 | CHI | | -0.88 -86.80 P | 52.79 3.00 P | | -6.82 | 0.00 | 1.00 | -54.71 | |
| uspsc_el_dclose_ext-CAL.rtf | 0.00 | 1890.000 M | 1.00 | CHI | | -0.18 -88.80 P | 49.00 3.00 P | | -6.72 | 0.00 | 1.00 | -54.62 | |
| uspsc_el_dclose_ext-CAL.rtf | 0.00 | 1895.000 M | 1.00 | CHI | | 0.08 -88.80 P | 47.42 3.00 P | | -6.81 | 0.00 | 1.00 | -54.63 | |
| uspsc_el_dclose_ext-CAL.rtf | 0.00 | 1880.000 M | 1.00 | CHI | | 1.06 -82.80 P | 44.08 3.00 P | | -4.58 | 0.00 | 1.00 | -55.61 | |

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| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Avg. | Dr. | Gain | Norm. | Phase |
|---------------------------|------|------------|------|------|--------|----------------------------|-------------------------------|-----------------------------|-------|------|------|--------|-------|
| uspsc_el_open_ret-CAL.mtf | 0.00 | 1880.000 M | 8.00 | CHI | | 0.73 -122.00 | P 48.16 3.00 P | | -6.78 | 0.00 | 3.00 | -54.47 | |
| uspsc_el_open_ret-CAL.mtf | 0.00 | 1885.000 M | 8.00 | CHI | | 0.73 -122.00 | P 48.20 3.00 P | | -6.87 | 0.00 | 3.00 | -54.71 | |
| uspsc_el_open_ret-CAL.mtf | 0.00 | 1890.000 M | 8.00 | CHI | | 0.85 -122.00 | P 47.08 3.00 P | | -6.37 | 0.00 | 3.00 | -54.02 | |
| uspsc_el_open_ret-CAL.mtf | 0.00 | 1895.000 M | 8.00 | CHI | | -1.48 -122.00 | P 47.62 3.00 P | | -6.88 | 0.00 | 3.00 | -54.03 | |
| uspsc_el_open_ret-CAL.mtf | 0.00 | 1890.000 M | 8.00 | CHI | | -3.88 -122.00 | P 47.95 3.00 P | | -8.28 | 0.00 | 3.00 | -55.61 | |



| File Name | Poll | Freq. MHz | Ch. | Beam | Switch | Beam Peak [dB] Value [deg] | Beam Width [deg] Value Az Off | Null Depth [dB] Value [deg] | Avg. | Dr. | Gain | Norm. | Phase |
|---------------------------|------|------------|------|------|--------|----------------------------|-------------------------------|-----------------------------|-------|------|------|--------|-------|
| uspsc_el_open_ext-CAL.mtf | 0.00 | 1880.000 M | 8.00 | CHI | | 1.16 -88.80 | P 54.96 3.00 P | | -6.21 | 0.00 | 3.00 | -54.47 | |
| uspsc_el_open_ext-CAL.mtf | 0.00 | 1885.000 M | 8.00 | CHI | | 1.98 -88.80 | P 52.66 3.00 P | | -4.72 | 0.00 | 3.00 | -54.71 | |
| uspsc_el_open_ext-CAL.mtf | 0.00 | 1890.000 M | 8.00 | CHI | | 2.18 -88.80 | P 50.82 3.00 P | | -4.88 | 0.00 | 3.00 | -54.02 | |
| uspsc_el_open_ext-CAL.mtf | 0.00 | 1895.000 M | 8.00 | CHI | | 3.25 -88.80 | P 48.30 3.00 P | | -3.77 | 0.00 | 3.00 | -54.03 | |
| uspsc_el_open_ext-CAL.mtf | 0.00 | 1890.000 M | 8.00 | CHI | | 3.00 -84.80 | P 40.94 3.00 P | | -8.25 | 0.00 | 3.00 | -55.61 | |