



| | | |
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| 1.4 | 20MHz & 5MHz..... | 44 |
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| 1.6 | 20MHz & 15MHz | 72 |
| 1.7 | 20MHz & 20MHz | 86 |

1 CA_SPURIOUS EMISSION_LOW CHANNEL

1.1 5MHz & 20MHz

| B48 CHL | PCC | | | SCC | | |
|------------|-------------|---------|--------------------|-------------|---------|--------------------|
| | BW (MHz) | Channel | Frequency (MHz) | BW (MHz) | Channel | Frequency (MHz) |
| | 5 | 55273 | 3553.3 | 20 | 55390 | 3565 |

| Conducted Spurious Emission | | | | | | | | | |
|-----------------------------|---------------|----------------------|-----------------|-----------------|-----------|----------------|-------------|-------|---------|
| Modulation | RB Allocation | Frequency Range (Hz) | Frequency (MHz) | Read level (dB) | DCCF (dB) | RB Factor (dB) | level (dBm) | Limit | Verdict |
| 16QAM | 1 RB | 9K~1M | 0.012964 | -87.59 | 3.98 | 30 | -53.61 | -40 | Pass |
| | | 1M~30M | 1.058 | -68.29 | 3.98 | 10 | -54.31 | -40 | Pass |
| | | 30M~10G | 3228.5 | -52.41 | 3.98 | 0 | -48.43 | -40 | Pass |
| | | | 3944.5 | -49.09 | 3.98 | 0 | -45.11 | -40 | Pass |
| | | 10G~25G | 23853.5 | -50.37 | 3.98 | 0 | -46.39 | -40 | Pass |
| | | 25G~37G | 36796 | -46.86 | 3.98 | 0 | -42.88 | -40 | Pass |
| | | 3.5 GHz Emissions | 3528.84 | -64.39 | 3.98 | 15.23 | -45.18 | -40 | Pass |
| | | | 3537.23 | -66.13 | 3.98 | 15.23 | -46.92 | -25 | Pass |
| | | | 3547.17 | -55.81 | 3.98 | 15.23 | -36.6 | -13 | Pass |
| | | | 3576.63 | -64.32 | 3.98 | 15.23 | -45.11 | -13 | Pass |
| | 3601.76 | | -61.47 | 3.98 | 15.23 | -42.26 | -25 | Pass | |
| | 3745.28 | -61.9 | 3.98 | 15.23 | -42.69 | -40 | Pass | | |
| | Full RB | 9K~1M | 0.0104865 | -86.68 | 3.98 | 30 | -52.7 | -40 | Pass |
| | | 1M~30M | 1.029 | -68.15 | 3.98 | 10 | -54.17 | -40 | Pass |
| | | 30M~10G | 3216.5 | -52.41 | 3.98 | 0 | -48.43 | -40 | Pass |
| | | | 3936 | -49.05 | 3.98 | 0 | -45.07 | -40 | Pass |
| | | 10G~25G | 23885 | -50.35 | 3.98 | 0 | -46.37 | -40 | Pass |
| | | 25G~37G | 36794.8 | -46.73 | 3.98 | 0 | -42.75 | -40 | Pass |
| | | 3.5 GHz Emissions | 3529.99 | -56.36 | 3.98 | 6.2 | -46.18 | -40 | Pass |
| | | | 3539.23 | -49.27 | 3.98 | 6.2 | -39.09 | -25 | Pass |
| 3550.77 | | | -29.04 | 3.98 | 6.2 | -18.86 | -13 | Pass | |
| 3575.03 | | | -49.55 | 3.98 | 6.2 | -39.37 | -13 | Pass | |
| 3609.78 | -53.89 | | 3.98 | 6.2 | -43.71 | -25 | Pass | | |
| 3740.47 | -54.56 | 3.98 | 6.2 | -44.38 | -40 | Pass | | | |
| 64QAM | 1 RB | 9K~1M | 0.009991 | -85.16 | 3.98 | 30 | -51.18 | -40 | Pass |
| | | 1M~30M | 1 | -68.26 | 3.98 | 10 | -54.28 | -40 | Pass |
| | | 30M~10G | 3213.5 | -52.42 | 3.98 | 0 | -48.44 | -40 | Pass |
| | | | 3934.5 | -49.15 | 3.98 | 0 | -45.17 | -40 | Pass |
| | | 10G~25G | 23847 | -50.25 | 3.98 | 0 | -46.27 | -40 | Pass |
| | | 25G~37G | 36788.8 | -46.86 | 3.98 | 0 | -42.88 | -40 | Pass |

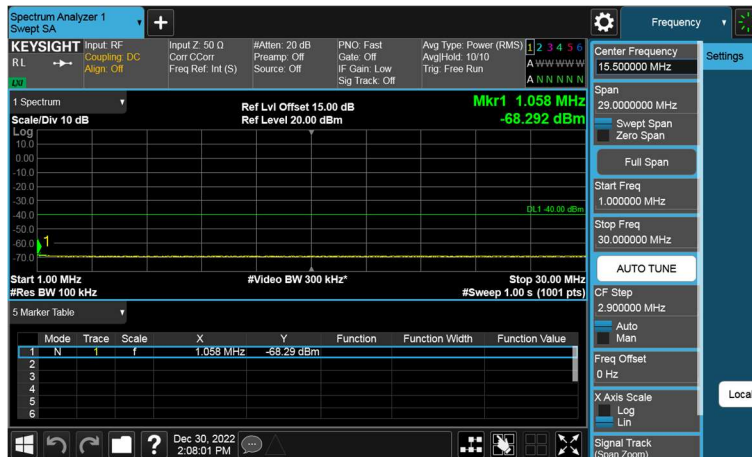
| | | | | | | | | | | |
|-------------------|-------------------|-------------------|-----------|----------|--------|--------|--------|--------|------|------|
| | 3.5 GHz Emissions | | 3484.34 | -66 | 3.98 | 15.23 | -46.79 | -40 | Pass | |
| | | | 3535.57 | -65.4 | 3.98 | 15.23 | -46.19 | -25 | Pass | |
| | | | 3550.31 | -59.97 | 3.98 | 15.23 | -40.76 | -13 | Pass | |
| | | | 3576.92 | -65.42 | 3.98 | 15.23 | -46.21 | -13 | Pass | |
| | | | 3611.78 | -61.34 | 3.98 | 15.23 | -42.13 | -25 | Pass | |
| | | 3741.51 | -62.15 | 3.98 | 15.23 | -42.94 | -40 | Pass | | |
| | Full RB | 9K~1M | 0.0104865 | -86.45 | 3.98 | 30 | -52.47 | -40 | Pass | |
| | | 1M~30M | 1.029 | -68.2 | 3.98 | 10 | -54.22 | -40 | Pass | |
| | | 30M~10G | 3215.5 | -52.39 | 3.98 | 0 | -48.41 | -40 | Pass | |
| | | | 3928 | -49.12 | 3.98 | 0 | -45.14 | -40 | Pass | |
| | | 10G~25G | 23850 | -50.33 | 3.98 | 0 | -46.35 | -40 | Pass | |
| | | 25G~37G | 36338 | -46.99 | 3.98 | 0 | -43.01 | -40 | Pass | |
| | | 3.5 GHz Emissions | 3528.94 | -56.74 | 3.98 | 6.2 | -46.56 | -40 | Pass | |
| | | | 3539.44 | -47.65 | 3.98 | 6.2 | -37.47 | -25 | Pass | |
| | | | 3550.77 | -30.62 | 3.98 | 6.2 | -20.44 | -13 | Pass | |
| | | | 3575.19 | -49.86 | 3.98 | 6.2 | -39.68 | -13 | Pass | |
| | 3608.21 | | -53.7 | 3.98 | 6.2 | -43.52 | -25 | Pass | | |
| | 3745.15 | -54.98 | 3.98 | 6.2 | -44.8 | -40 | Pass | | | |
| | QPSK | 1 RB | 9K~1M | 0.009991 | -85.38 | 3.98 | 30 | -51.4 | -40 | Pass |
| | | | 1M~30M | 1.058 | -68.32 | 3.98 | 10 | -54.34 | -40 | Pass |
| 30M~10G | | | 3179.5 | -52.41 | 3.98 | 0 | -48.43 | -40 | Pass | |
| | | | 3915.5 | -49.17 | 3.98 | 0 | -45.19 | -40 | Pass | |
| 10G~25G | | | 23833.5 | -50.3 | 3.98 | 0 | -46.32 | -40 | Pass | |
| 25G~37G | | | 36801.6 | -47.06 | 3.98 | 0 | -43.08 | -40 | Pass | |
| 3.5 GHz Emissions | | | 3496.72 | -66.31 | 3.98 | 15.23 | -47.1 | -40 | Pass | |
| | | | 3539.98 | -65.07 | 3.98 | 15.23 | -45.86 | -25 | Pass | |
| | | | 3550.71 | -59.63 | 3.98 | 15.23 | -40.42 | -13 | Pass | |
| | | | 3576.01 | -64.26 | 3.98 | 15.23 | -45.05 | -13 | Pass | |
| | | 3600.63 | -61.4 | 3.98 | 15.23 | -42.19 | -25 | Pass | | |
| 3733.49 | | -62.1 | 3.98 | 15.23 | -42.89 | -40 | Pass | | | |
| Full RB | | 9K~1M | 0.009 | -85.92 | 3.98 | 30 | -51.94 | -40 | Pass | |
| | | 1M~30M | 1.058 | -68.33 | 3.98 | 10.00 | -54.35 | -40 | Pass | |
| | | 30M~10G | 3223.500 | -52.36 | 3.98 | 0.00 | -48.38 | -40 | Pass | |
| | 3939.500 | | -49.12 | 3.98 | 0.00 | -45.14 | -40 | Pass | | |
| | 10G~25G | 23861.000 | -50.36 | 3.98 | 0 | -46.38 | -40 | Pass | | |
| | 25G~37G | 36799.2 | -46.91 | 3.98 | 0 | -42.93 | -40 | Pass | | |
| | 3.5 GHz Emissions | 3529.950 | -54.61 | 3.98 | 6.2 | -44.43 | -40 | Pass | | |
| | | 3539.360 | -46.42 | 3.98 | 6.2 | -36.24 | -25 | Pass | | |
| | | 3550.770 | -27.22 | 3.98 | 6.2 | -17.04 | -13 | Pass | | |
| | | 3575.140 | -48.62 | 3.98 | 6.2 | -38.44 | -13 | Pass | | |
| 3607.550 | | -53.9 | 3.98 | 6.2 | -43.72 | -25 | Pass | | | |
| 3747.420 | -54.59 | 3.98 | 6.2 | -44.41 | -40 | Pass | | | | |

1.1 Test Graph

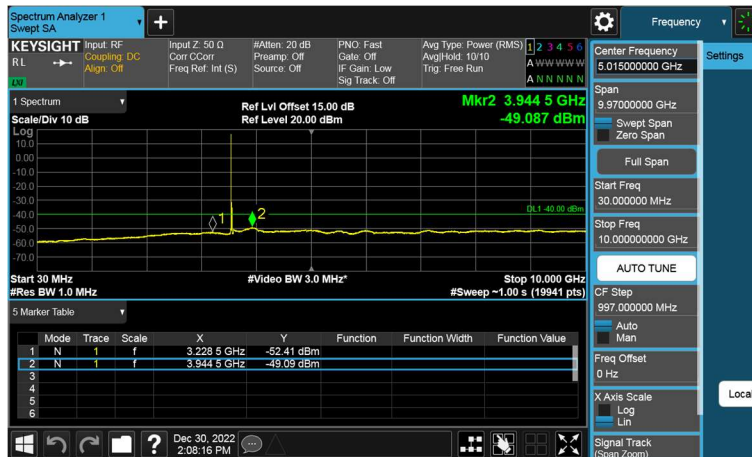
5M_20M_Q16_1RB_CSE0a



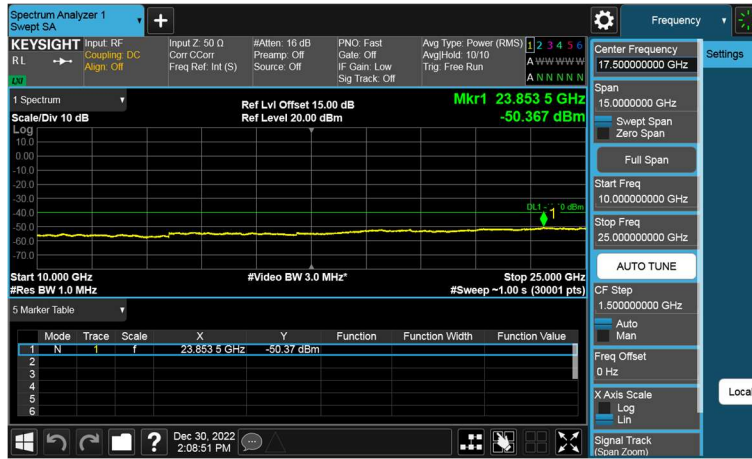
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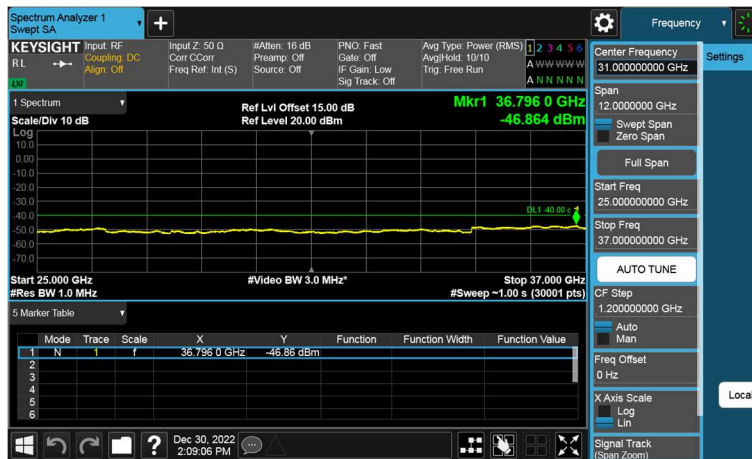
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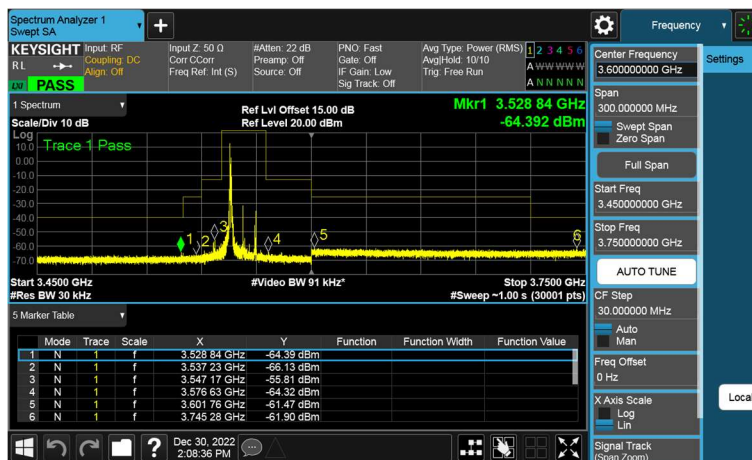
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5M_20M_Q16_1RB_CSE3



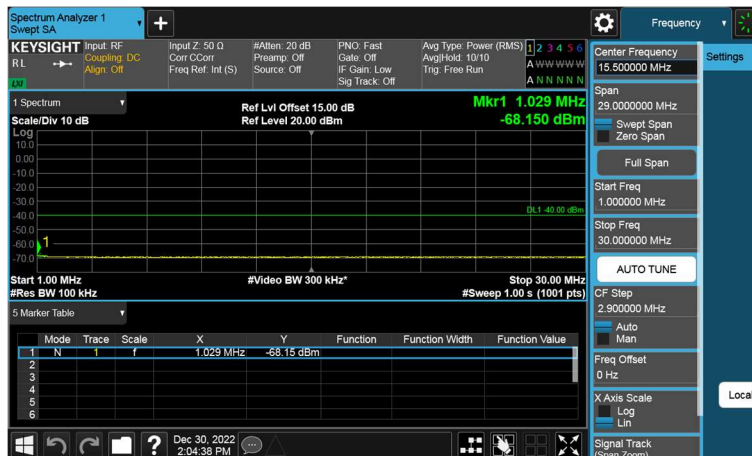
5M_20M_Q16_1RB_CSEpart96



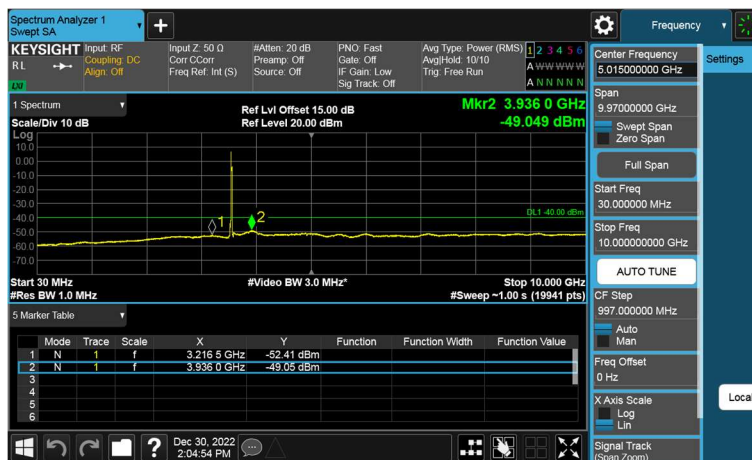
5M_20M_Q16_FULLRB_CSE0a



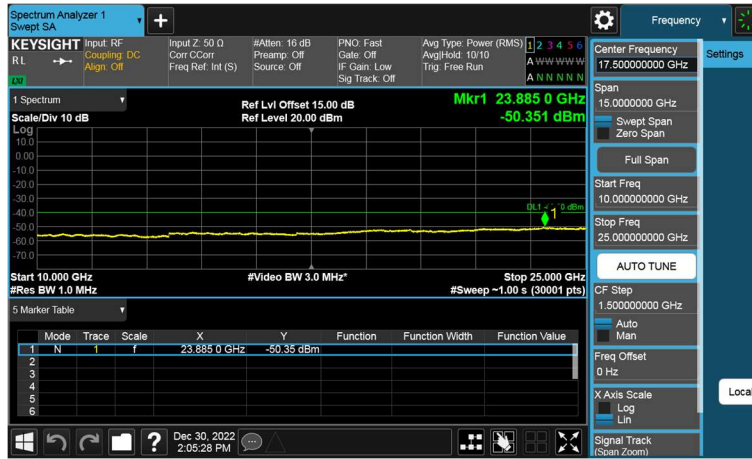
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5M_20M_Q16_FULLRB_CSE1



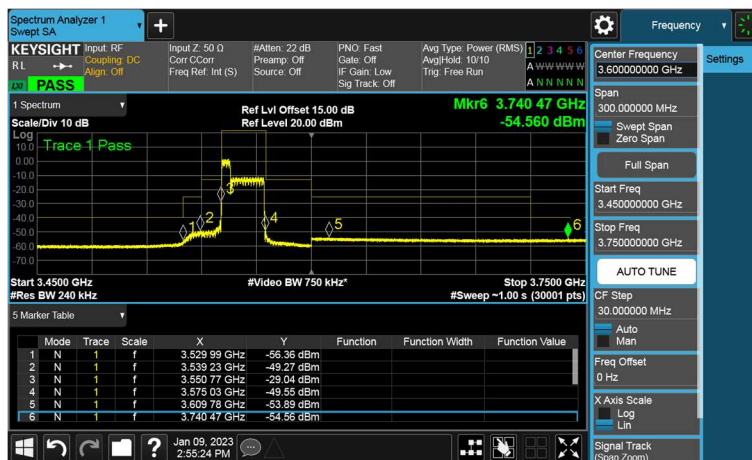
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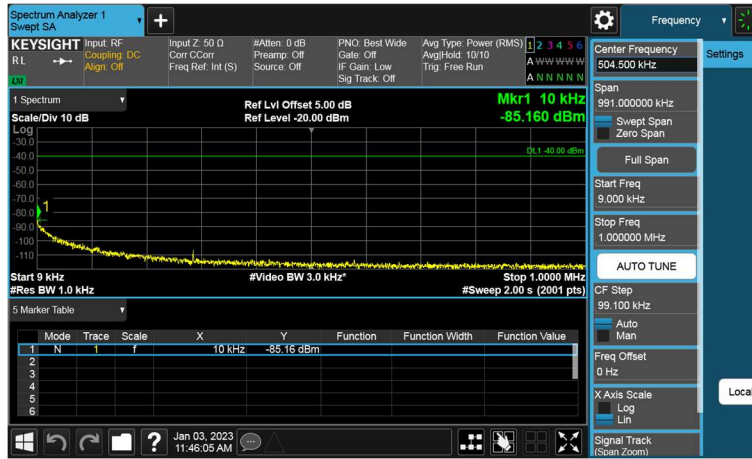
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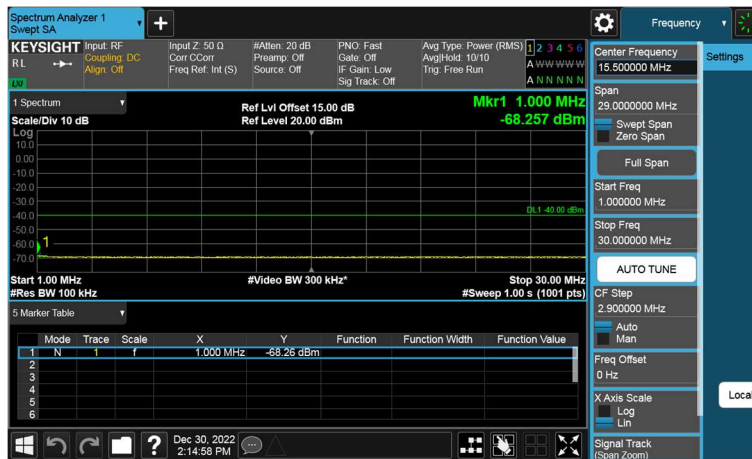
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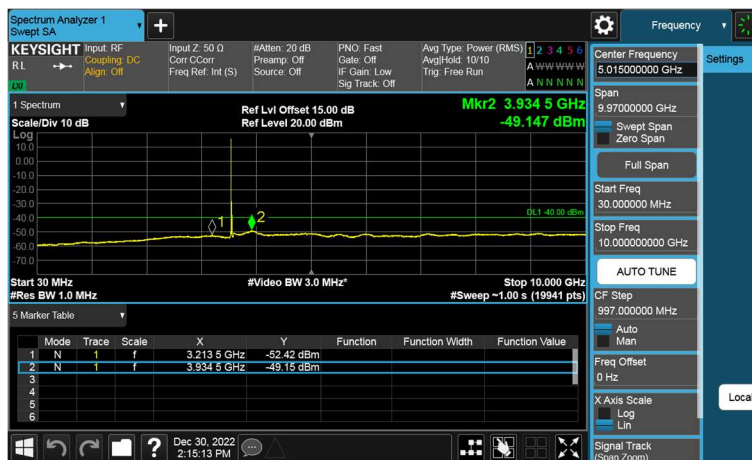
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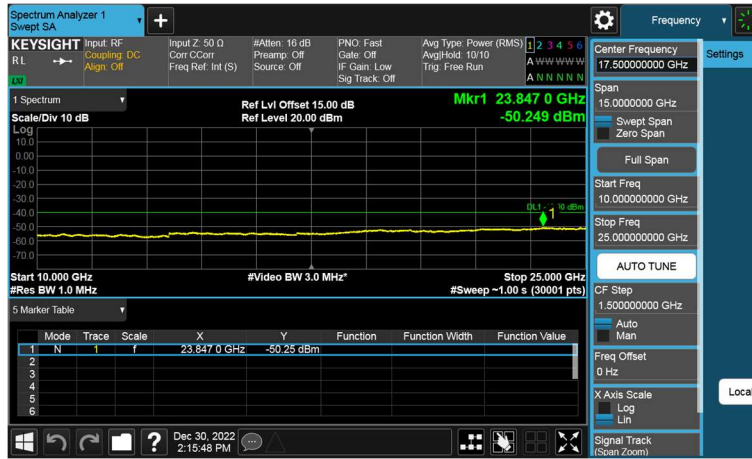
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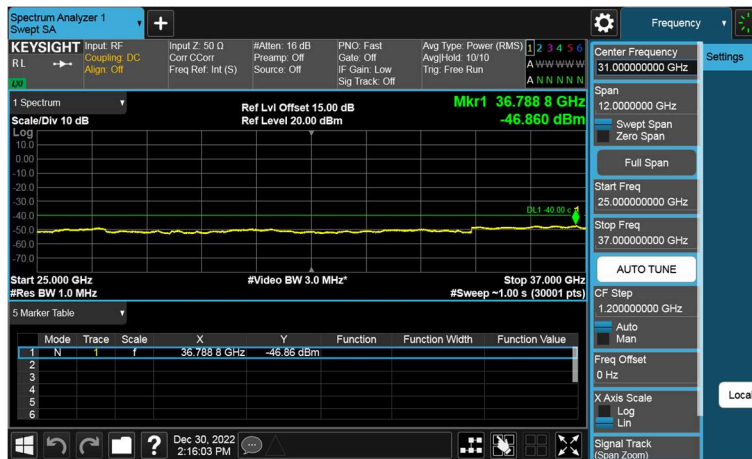
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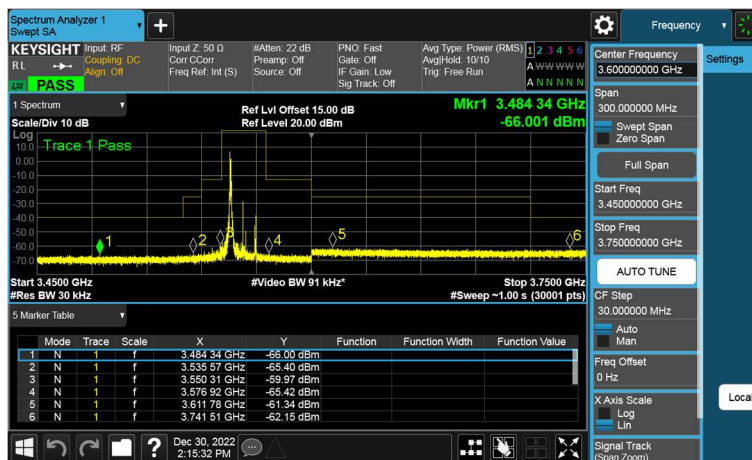
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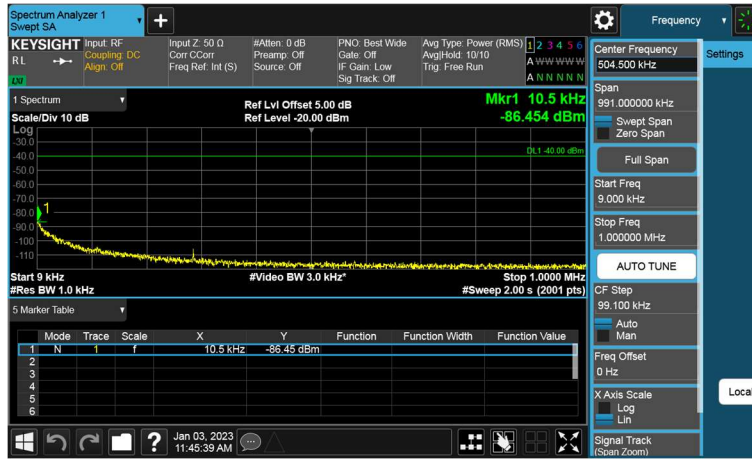
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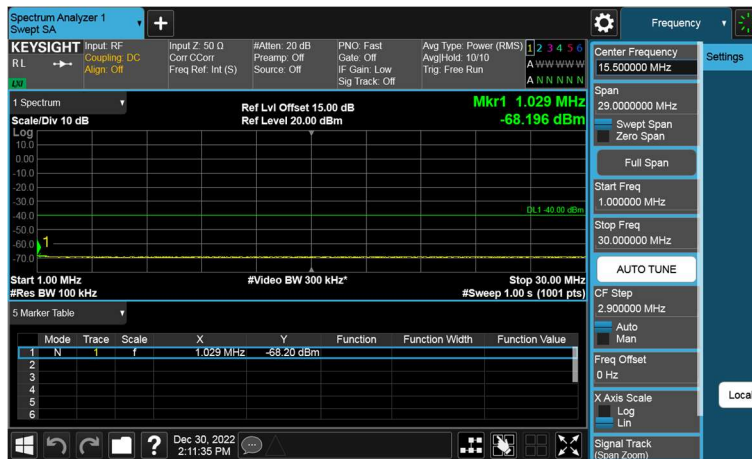
5M_20M_Q64_1RB_CSEpart96



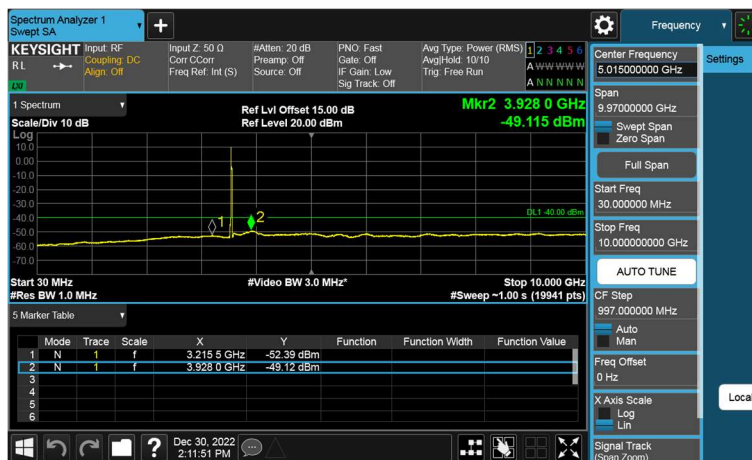
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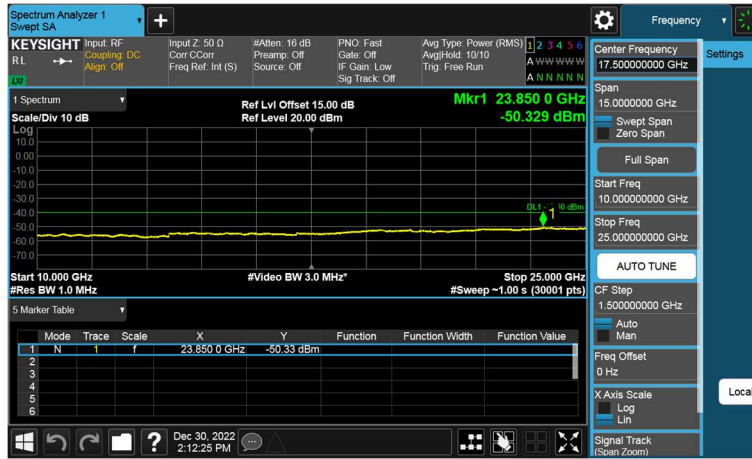
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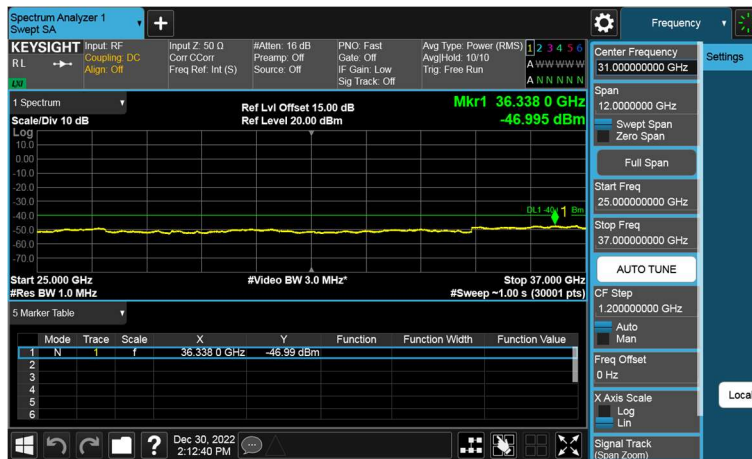
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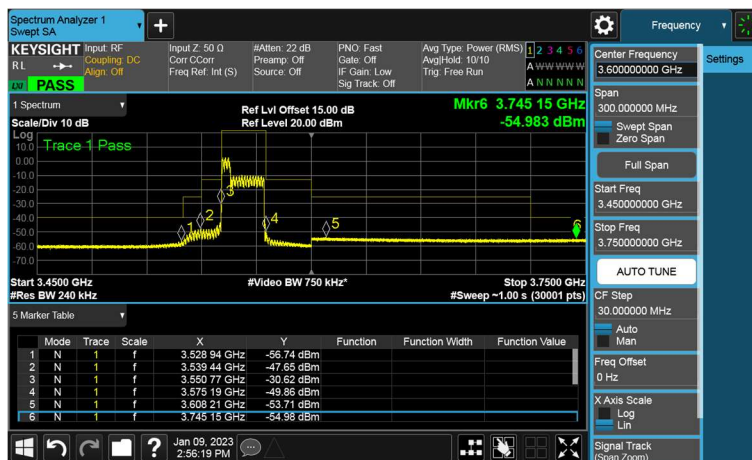
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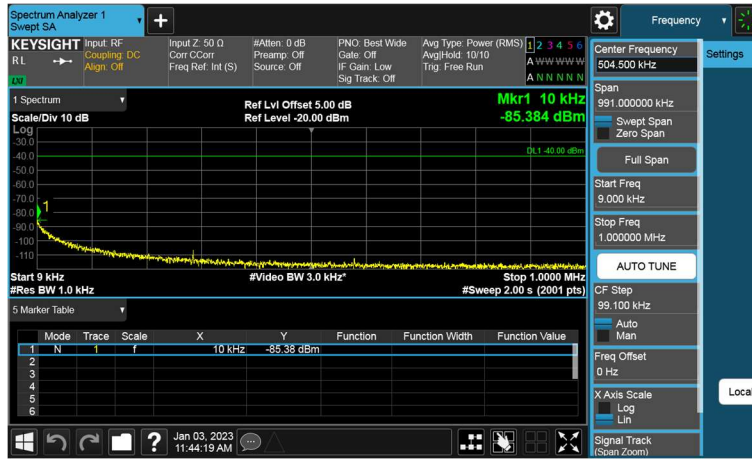
5M_20M_Q64_FULLRB_CSE3



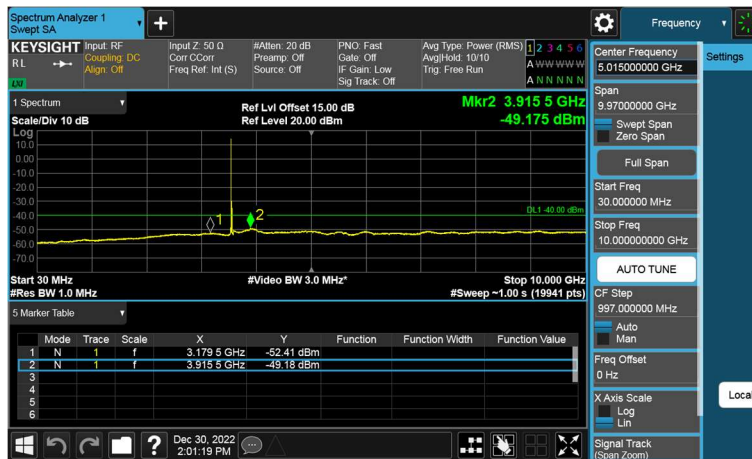
5M_20M_Q64_FULLRB_CSEpart96



5M_20M_QPSK_1RB_CSE0a



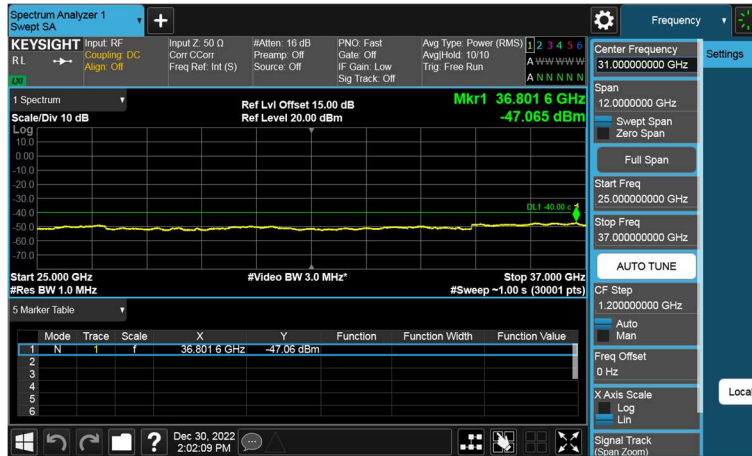
5M_20M_QPSK_1RB_CSE1



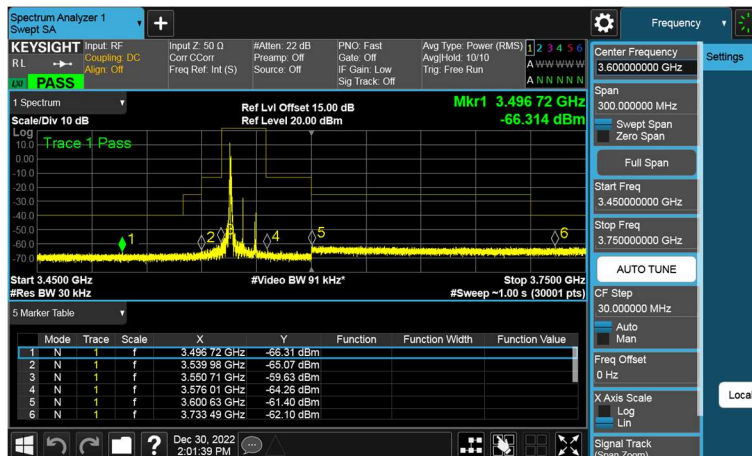
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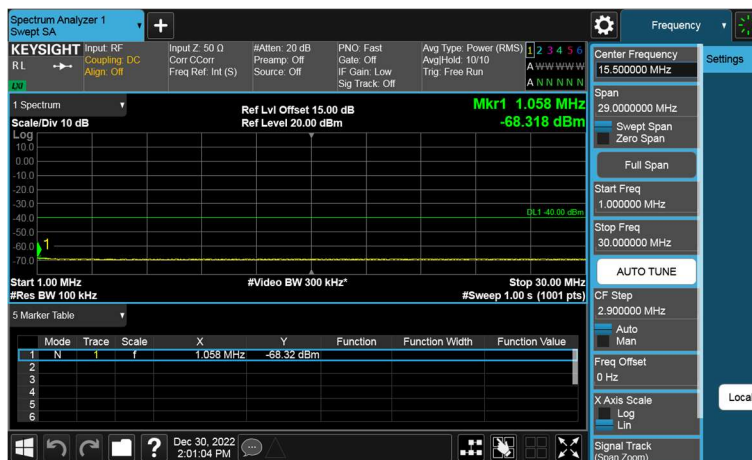
5M_20M_QPSK_1RB_CSE3



5M_20M_QPSK_1RB_CSEpart96



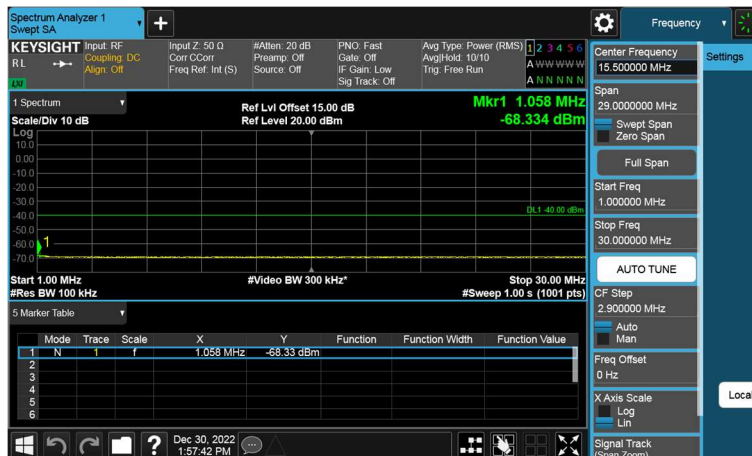
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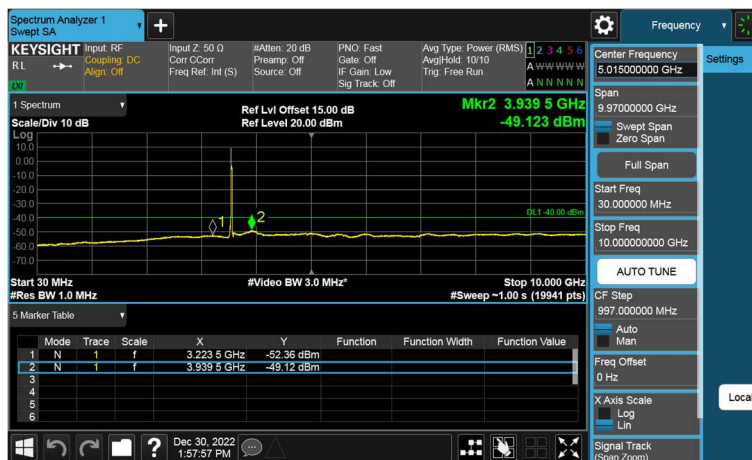
5M_20M_QPSK_FULLRB_CSE0a



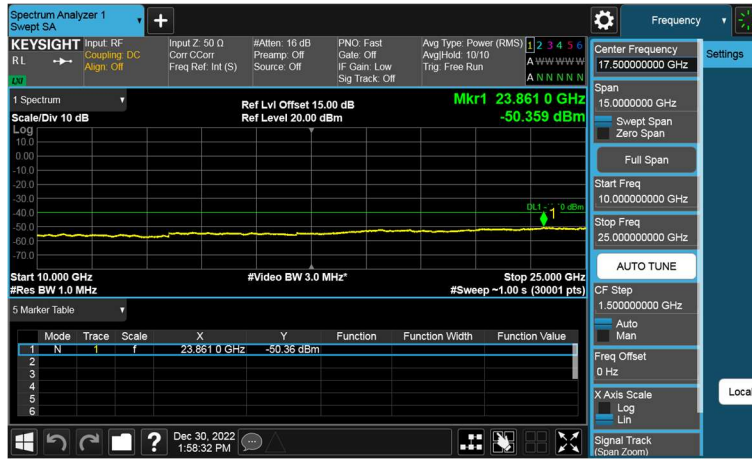
5M_20M_QPSK_FULLRB_CSE0b



5M_20M_QPSK_FULLRB_CSE1



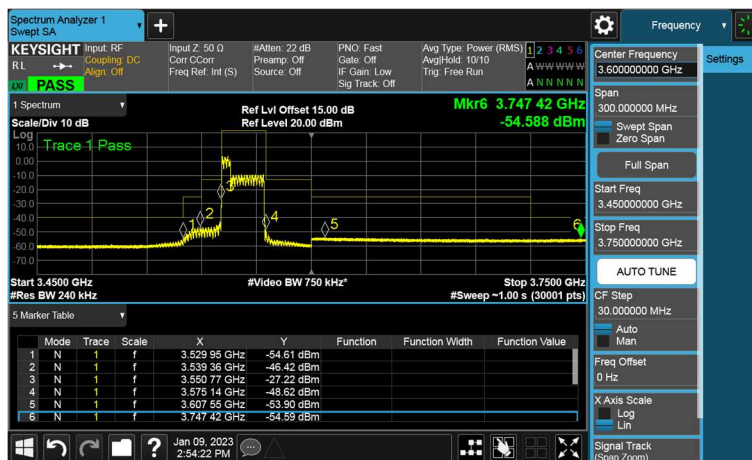
5M_20M_QPSK_FULLRB_CSE2



5M_20M_QPSK_FULLRB_CSE3



5M_20M_QPSK_FULLRB_CSEpart96



1.2 10MHz & 20MHz

| B48 CHL | PCC | | | SCC | | |
|------------|-------------|---------|--------------------|-------------|---------|--------------------|
| | BW (MHz) | Channel | Frequency (MHz) | BW (MHz) | Channel | Frequency (MHz) |
| | 10 | 55295 | 3555.5 | 20 | 55439 | 3569.9 |

| Modulation | RB Allocation | Frequency Range (Hz) | Frequency (MHz) | Read level (dB) | DCCF (dB) | RB Factor (dB) | level (dBm) | Limit | Verdict |
|------------|---------------|----------------------|-----------------|-----------------|-----------|----------------|-------------|-------|---------|
| 16QAM | 1 RB | 9K~1M | 0.009991 | -86.3 | 3.98 | 30 | -52.32 | -40 | Pass |
| | | 1M~30M | 1 | -67.96 | 3.98 | 10 | -53.98 | -40 | Pass |
| | | 30M~10G | 3229 | -52.38 | 3.98 | 0 | -48.4 | -40 | Pass |
| | | | 3939 | -49.12 | 3.98 | 0 | -45.14 | -40 | Pass |
| | | 10G~25G | 23839.5 | -50.1 | 3.98 | 0 | -46.12 | -40 | Pass |
| | | 25G~37G | 36792.8 | -46.98 | 3.98 | 0 | -43 | -40 | Pass |
| | | 3.5 GHz Emissions | 3526.36 | -66.21 | 3.98 | 15.23 | -47 | -40 | Pass |
| | | | 3539.99 | -64.43 | 3.98 | 15.23 | -45.22 | -25 | Pass |
| | | | 3544.37 | -55.39 | 3.98 | 15.23 | -36.18 | -13 | Pass |
| | | | 3601.1 | -60.8 | 3.98 | 15.23 | -41.59 | -13 | Pass |
| | 3628.77 | | -61.15 | 3.98 | 15.23 | -41.94 | -25 | Pass | |
| | | 3723.8 | -62.35 | 3.98 | 15.23 | -43.14 | -40 | Pass | |
| | Full RB | 9K~1M | 0.009 | -85.85 | 3.98 | 30 | -51.87 | -40 | Pass |
| | | 1M~30M | 1 | -68.16 | 3.98 | 10 | -54.18 | -40 | Pass |
| | | 30M~10G | 3213.5 | -52.37 | 3.98 | 0 | -48.39 | -40 | Pass |
| | | | 3926.5 | -49.07 | 3.98 | 0 | -45.09 | -40 | Pass |
| | | 10G~25G | 23851 | -50.28 | 3.98 | 0 | -46.3 | -40 | Pass |
| | | 25G~37G | 36798.4 | -46.86 | 3.98 | 0 | -42.88 | -40 | Pass |
| | | 3.5 GHz Emissions | 3529.54 | -51.89 | 3.98 | 5.23 | -42.68 | -40 | Pass |
| | | | 3538.48 | -47.18 | 3.98 | 5.23 | -37.97 | -25 | Pass |
| 3550.49 | | | -30.56 | 3.98 | 5.23 | -21.35 | -13 | Pass | |
| 3579.97 | | | -48.03 | 3.98 | 5.23 | -38.82 | -13 | Pass | |
| 3610.83 | -53.27 | | 3.98 | 5.23 | -44.06 | -25 | Pass | | |
| | 3749.31 | -54.12 | 3.98 | 5.23 | -44.91 | -40 | Pass | | |
| 64QAM | 1 RB | 9K~1M | 0.009 | -86.7 | 3.98 | 30 | -52.72 | -40 | Pass |
| | | 1M~30M | 1.058 | -67.93 | 3.98 | 10 | -53.95 | -40 | Pass |
| | | 30M~10G | 3088.5 | -52.43 | 3.98 | 0 | -48.45 | -40 | Pass |
| | | | 3933 | -49.11 | 3.98 | 0 | -45.13 | -40 | Pass |
| | | 10G~25G | 23863.5 | -50.42 | 3.98 | 0 | -46.44 | -40 | Pass |
| | | 25G~37G | 36791.6 | -47.05 | 3.98 | 0 | -43.07 | -40 | Pass |
| | | 3.5 GHz Emissions | 3526.84 | -66.36 | 3.98 | 15.23 | -47.15 | -40 | Pass |
| | | | 3538.98 | -66.37 | 3.98 | 15.23 | -47.16 | -25 | Pass |
| 3550.25 | -64.69 | | 3.98 | 15.23 | -45.48 | -13 | Pass | | |

| | | | | | | | | | |
|-------------------|---------|-------------------|-----------|--------|--------|--------|--------|------|------|
| | | | 3600.22 | -60.7 | 3.98 | 15.23 | -41.49 | -13 | Pass |
| | | | 3620.78 | -61.49 | 3.98 | 15.23 | -42.28 | -25 | Pass |
| | | | 3745.94 | -62.25 | 3.98 | 15.23 | -43.04 | -40 | Pass |
| | Full RB | 9K~1M | 0.009 | -86.29 | 3.98 | 30 | -52.31 | -40 | Pass |
| | | 1M~30M | 1.029 | -68.28 | 3.98 | 10 | -54.3 | -40 | Pass |
| | | 30M~10G | 3226 | -52.36 | 3.98 | 0 | -48.38 | -40 | Pass |
| | | | 3928 | -49.16 | 3.98 | 0 | -45.18 | -40 | Pass |
| | | 10G~25G | 23853 | -50.36 | 3.98 | 0 | -46.38 | -40 | Pass |
| | | 25G~37G | 36799.2 | -46.87 | 3.98 | 0 | -42.89 | -40 | Pass |
| | | 3.5 GHz Emissions | 3529.22 | -51.74 | 3.98 | 5.23 | -42.53 | -40 | Pass |
| | | | 3539.36 | -46.92 | 3.98 | 5.23 | -37.71 | -25 | Pass |
| | | | 3550.39 | -34.07 | 3.98 | 5.23 | -24.86 | -13 | Pass |
| | | | 3579.99 | -46.4 | 3.98 | 5.23 | -37.19 | -13 | Pass |
| | 3610.78 | | -53.33 | 3.98 | 5.23 | -44.12 | -25 | Pass | |
| | | 3724.99 | -54.13 | 3.98 | 5.23 | -44.92 | -40 | Pass | |
| QPSK | 1 RB | 9K~1M | 0.0114775 | -86.57 | 3.98 | 30 | -52.59 | -40 | Pass |
| | | 1M~30M | 1.029 | -67.39 | 3.98 | 10 | -53.41 | -40 | Pass |
| | | 30M~10G | 3215 | -52.45 | 3.98 | 0 | -48.47 | -40 | Pass |
| | | | 3924 | -49.1 | 3.98 | 0 | -45.12 | -40 | Pass |
| | | 10G~25G | 23852.5 | -50.34 | 3.98 | 0 | -46.36 | -40 | Pass |
| | | 25G~37G | 36806.4 | -46.91 | 3.98 | 0 | -42.93 | -40 | Pass |
| | | 3.5 GHz Emissions | 3519.35 | -66.03 | 3.98 | 15.23 | -46.82 | -40 | Pass |
| | | | 3538.5 | -65.64 | 3.98 | 15.23 | -46.43 | -25 | Pass |
| | | | 3549.12 | -63.99 | 3.98 | 15.23 | -44.78 | -13 | Pass |
| | | | 3602.53 | -61.58 | 3.98 | 15.23 | -42.37 | -13 | Pass |
| | 3617.41 | | -61.39 | 3.98 | 15.23 | -42.18 | -25 | Pass | |
| | | 3749.66 | -62.03 | 3.98 | 15.23 | -42.82 | -40 | Pass | |
| | Full RB | 9K~1M | 0.009991 | -87.4 | 3.98 | 30 | -53.42 | -40 | Pass |
| | | 1M~30M | 1.058 | -68.28 | 3.98 | 10 | -54.3 | -40 | Pass |
| | | 30M~10G | 3519 | -52.27 | 3.98 | 0 | -48.29 | -40 | Pass |
| 3953.5 | | | -49.13 | 3.98 | 0 | -45.15 | -40 | Pass | |
| 10G~25G | | 23851.5 | -50.34 | 3.98 | 0 | -46.36 | -40 | Pass | |
| 25G~37G | | 36802.4 | -46.88 | 3.98 | 0 | -42.9 | -40 | Pass | |
| 3.5 GHz Emissions | | 3529.61 | -50.99 | 3.98 | 5.23 | -41.78 | -40 | Pass | |
| | | 3539.28 | -45.99 | 3.98 | 5.23 | -36.78 | -25 | Pass | |
| | | 3550.44 | -36.68 | 3.98 | 5.23 | -27.47 | -13 | Pass | |
| | | 3580.04 | -47.78 | 3.98 | 5.23 | -38.57 | -13 | Pass | |
| | 3633.09 | -53.22 | 3.98 | 5.23 | -44.01 | -25 | Pass | | |
| | 3730.11 | -54.15 | 3.98 | 5.23 | -44.94 | -40 | Pass | | |

Test Graph

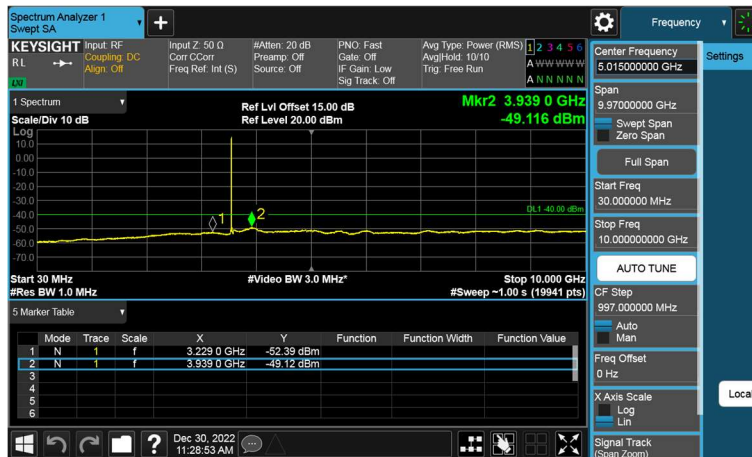
10M_20M_Q16_1RB_CSE0a



10M_20M_Q16_1RB_CSE0b



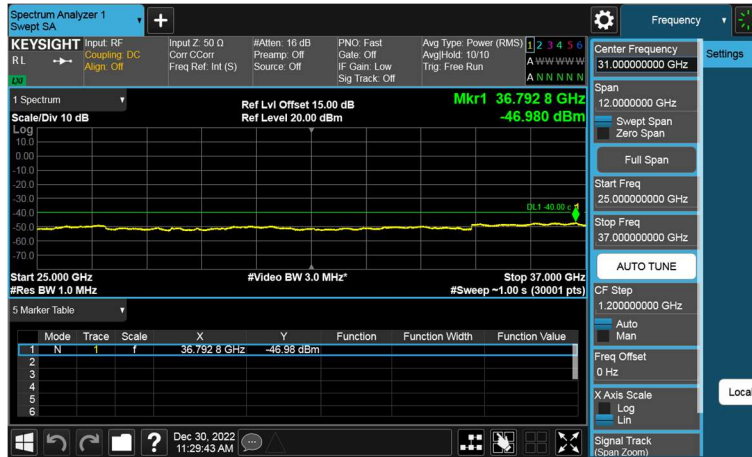
10M_20M_Q16_1RB_CSE1



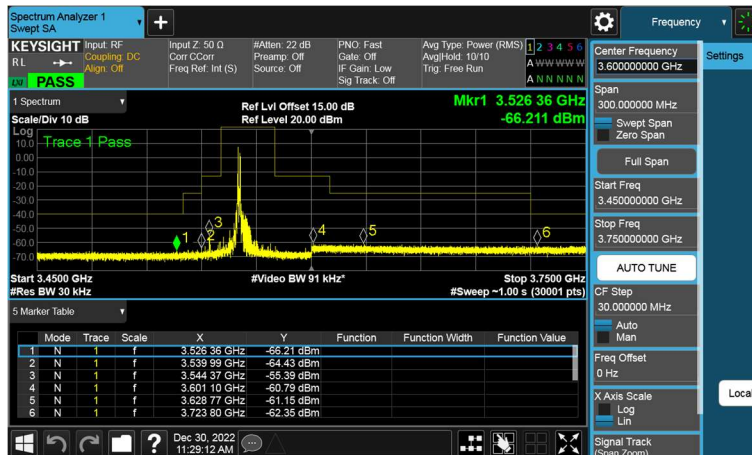
10M_20M_Q16_1RB_CSE2



10M_20M_Q16_1RB_CSE3



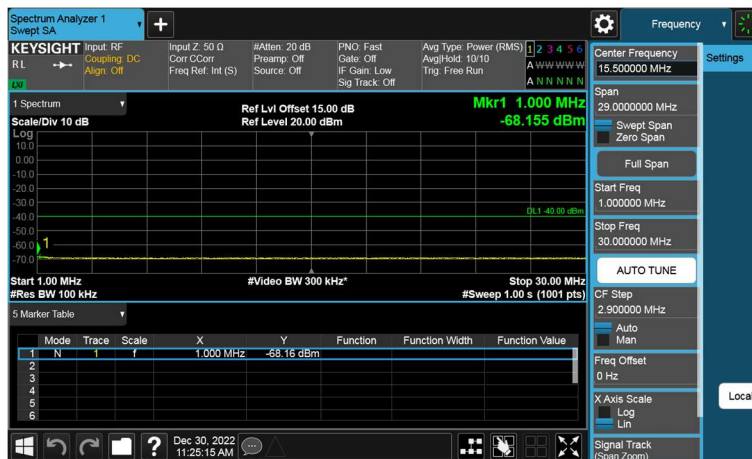
10M_20M_Q16_1RB_CSEpart96



10M_20M_Q16_FULLRB_CSE0a



10M_20M_Q16_FULLRB_CSE0b



10M_20M_Q16_FULLRB_CSE1

