



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=75@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=633334 RB=162@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=100@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633334 RB=270@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=633334 RB=180@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=633334 RB=24@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=36@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=100@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=50@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=633334 RB=180@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0***



***n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0***



*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36@0*



*n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50@0*



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=633334 RB=180@0***



***n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0***



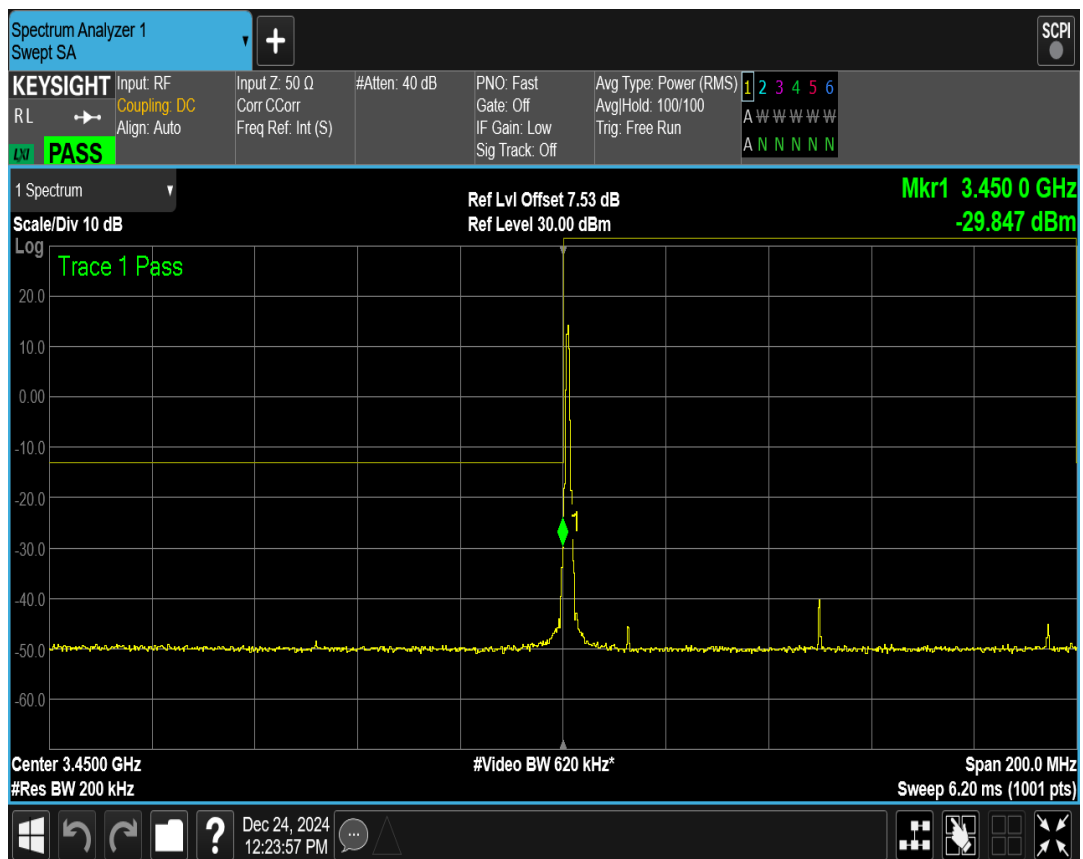
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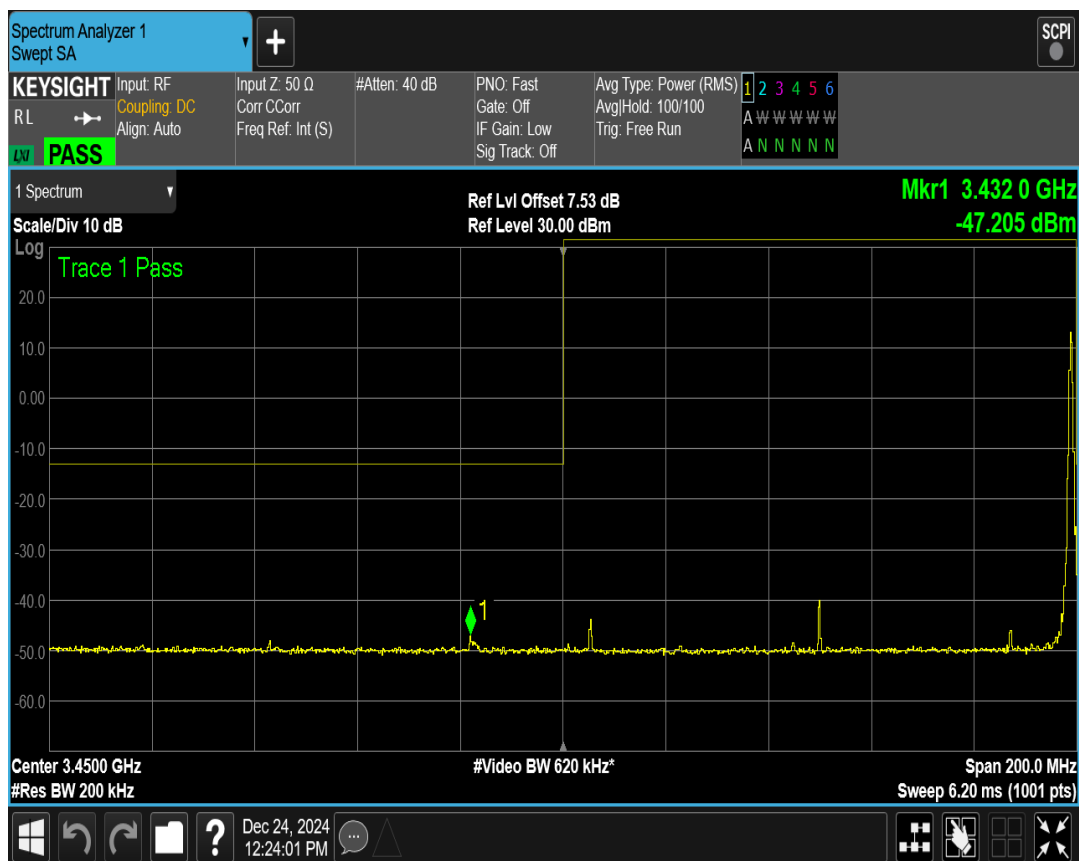
## 5 Band edge for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|------------------------|----------------|---------|
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_QPSK    | 3449.96            | -34.94                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@0              | CP_QPSK    | 3450.00            | -35.68                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@23             | CP_QPSK    | 3444.36            | -46.84                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 24@0             | CP_QPSK    | 3550.48            | -42.05                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 1@0              | CP_QPSK    | 3555.60            | -46.98                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 1@23             | CP_QPSK    | 3550.00            | -29.78                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 133@0            | CP_QPSK    | 3445.30            | -36.60                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 1@0              | CP_QPSK    | 3450.00            | -35.72                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 1@132            | CP_QPSK    | 3440.30            | -48.86                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 133@0            | CP_QPSK    | 3551.00            | -40.49                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 1@0              | CP_QPSK    | 3559.60            | -48.04                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 1@132            | CP_QPSK    | 3550.00            | -37.63                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 273@0            | CP_QPSK    | 3450.00            | -21.81                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 1@0              | CP_QPSK    | 3450.00            | -29.84                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 1@272            | CP_QPSK    | 3432.00            | -47.20                 | -13            | PASS    |

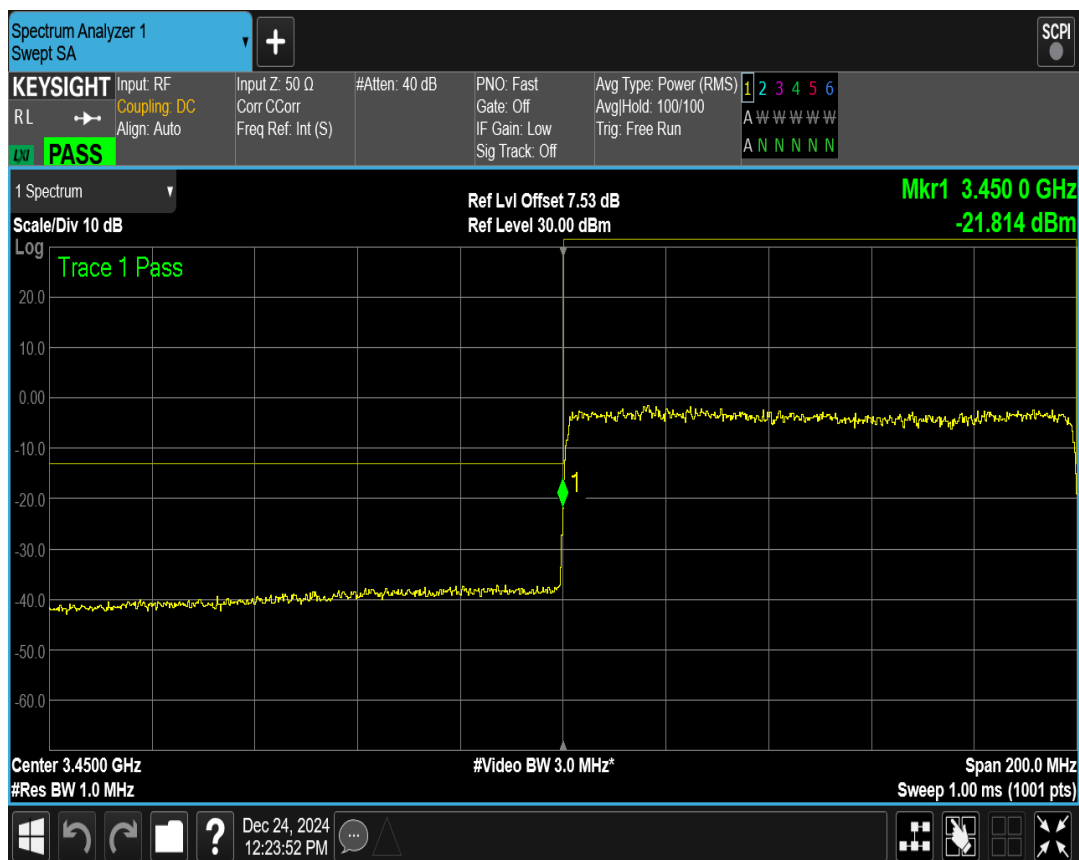
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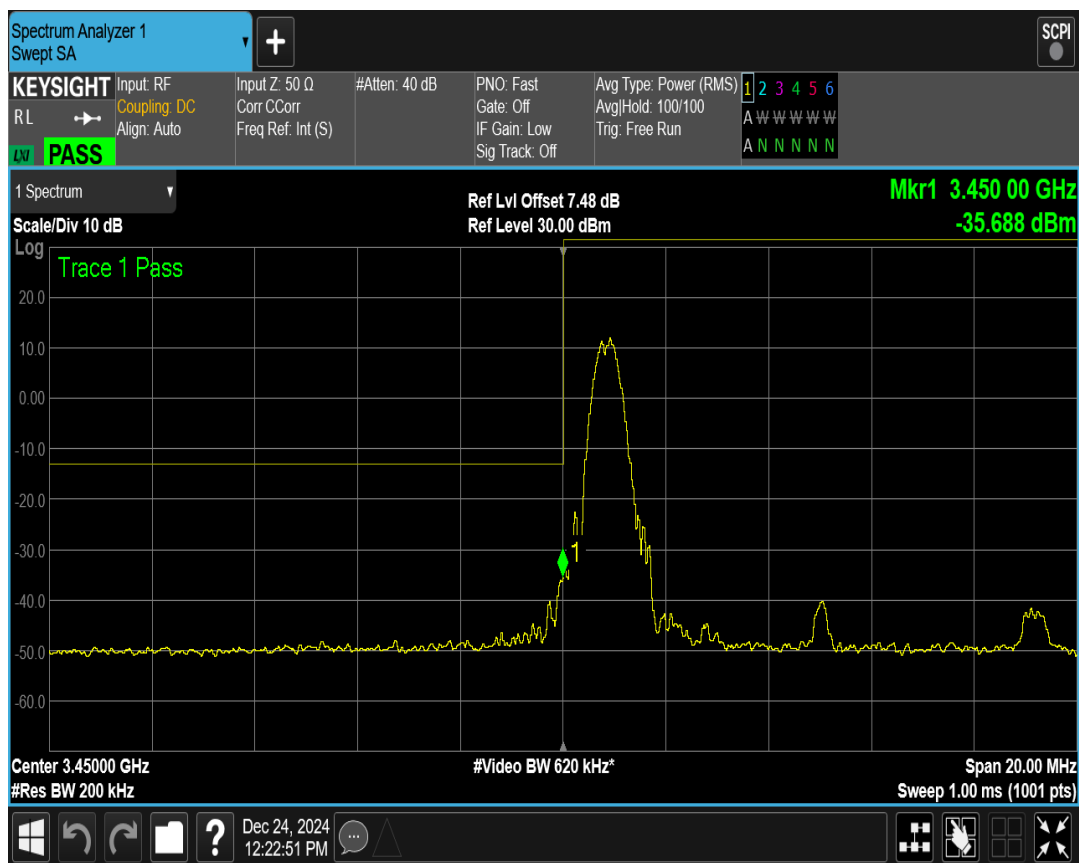
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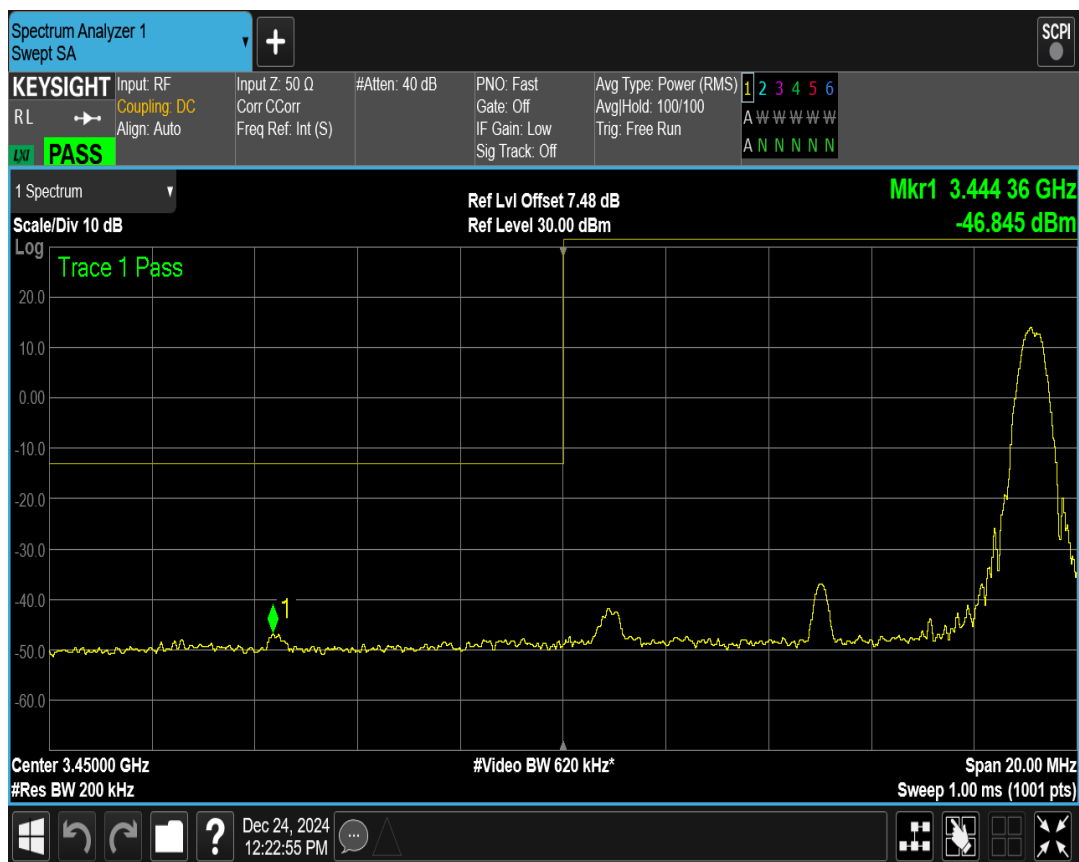
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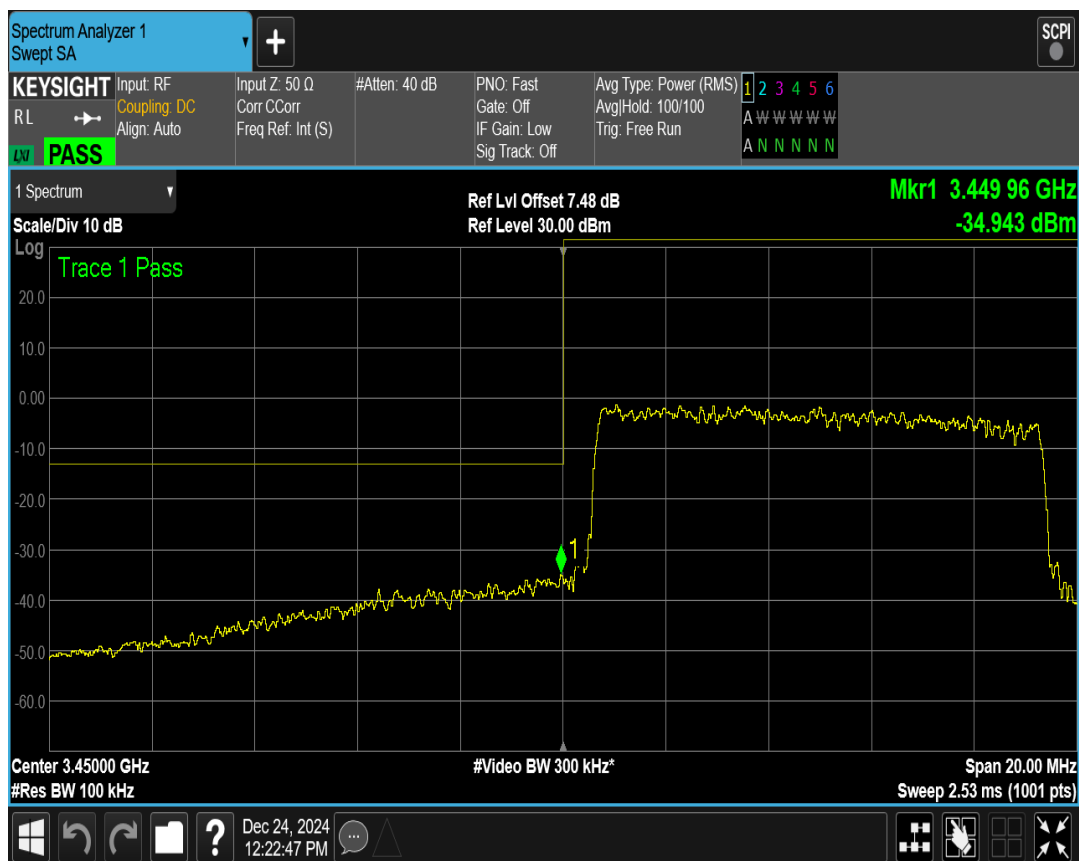
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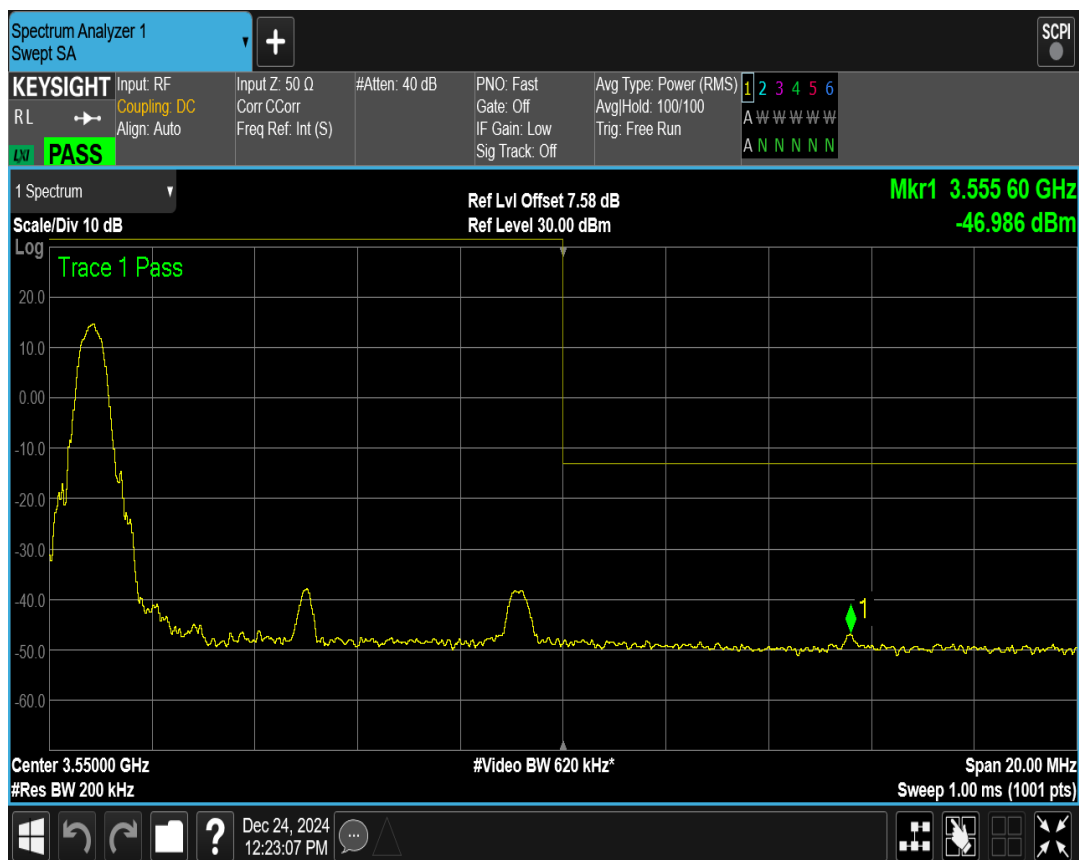
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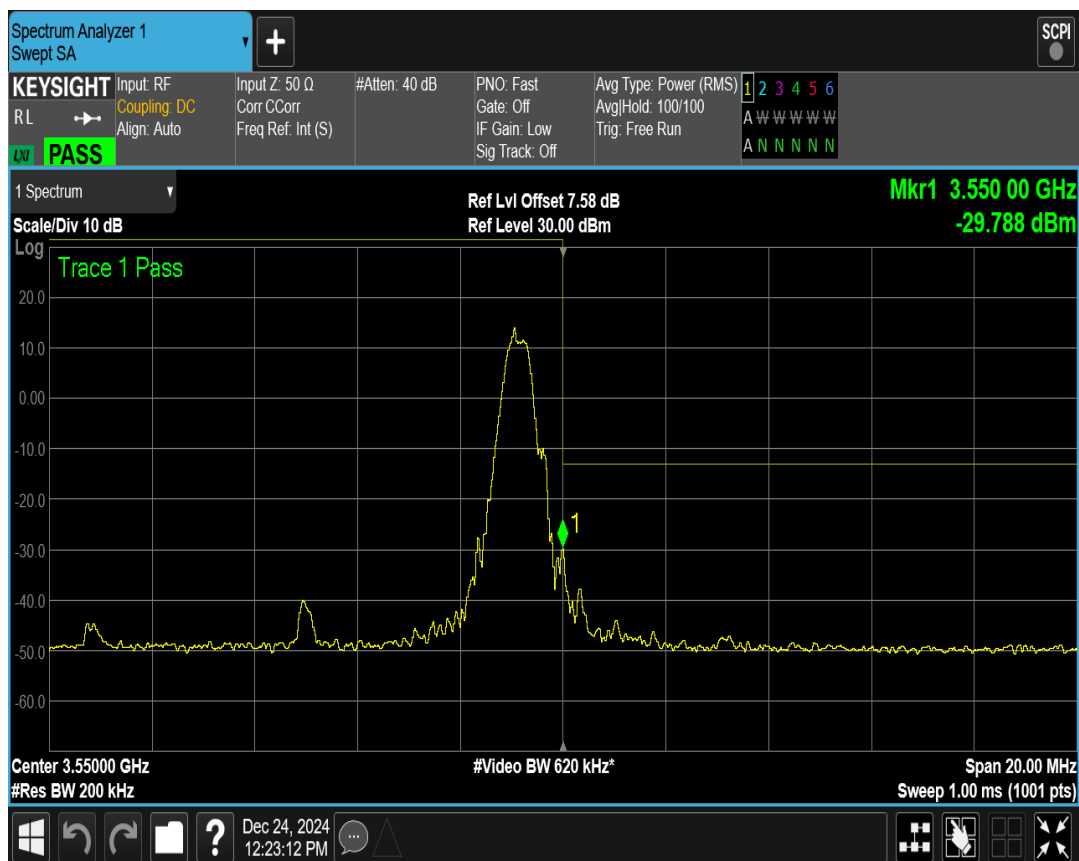
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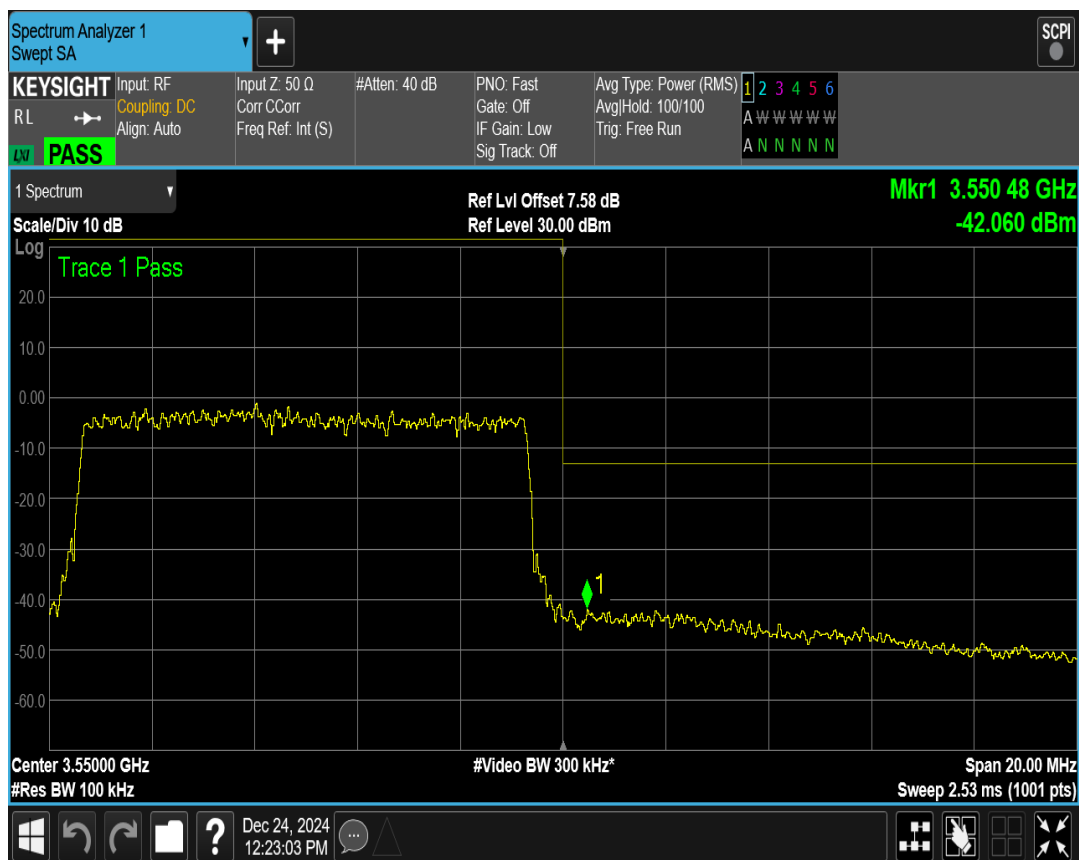
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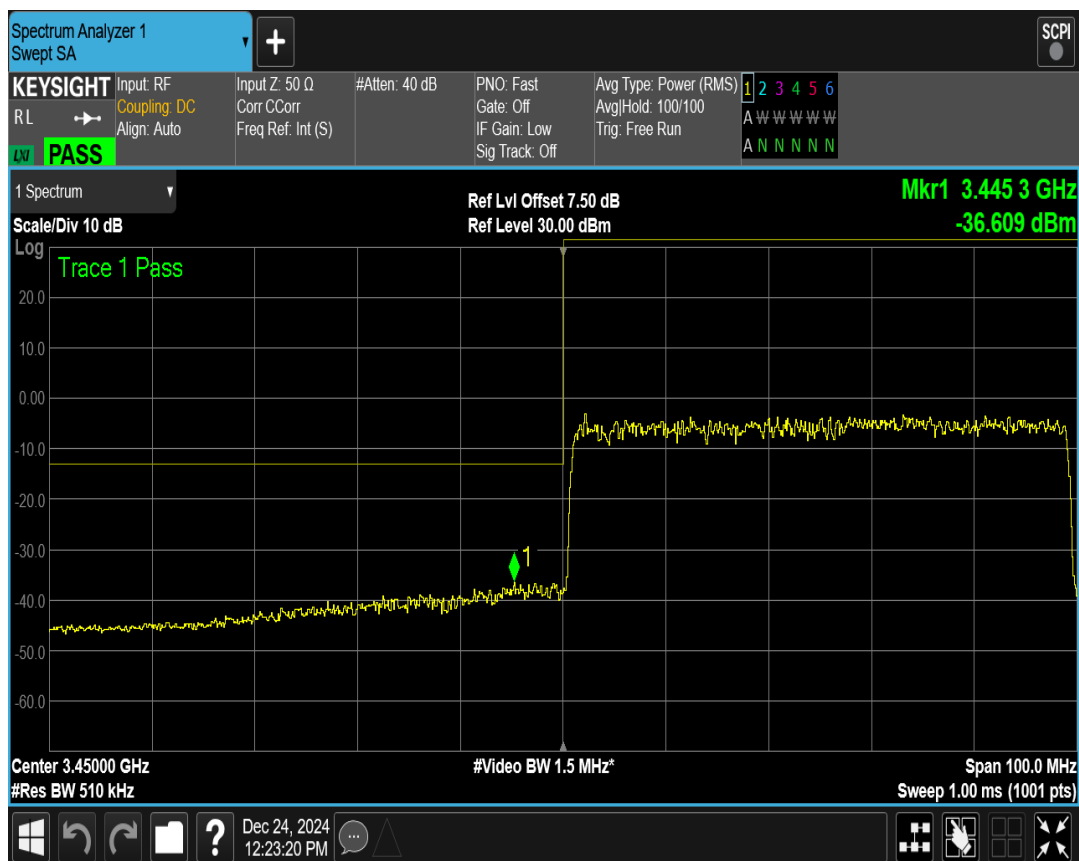
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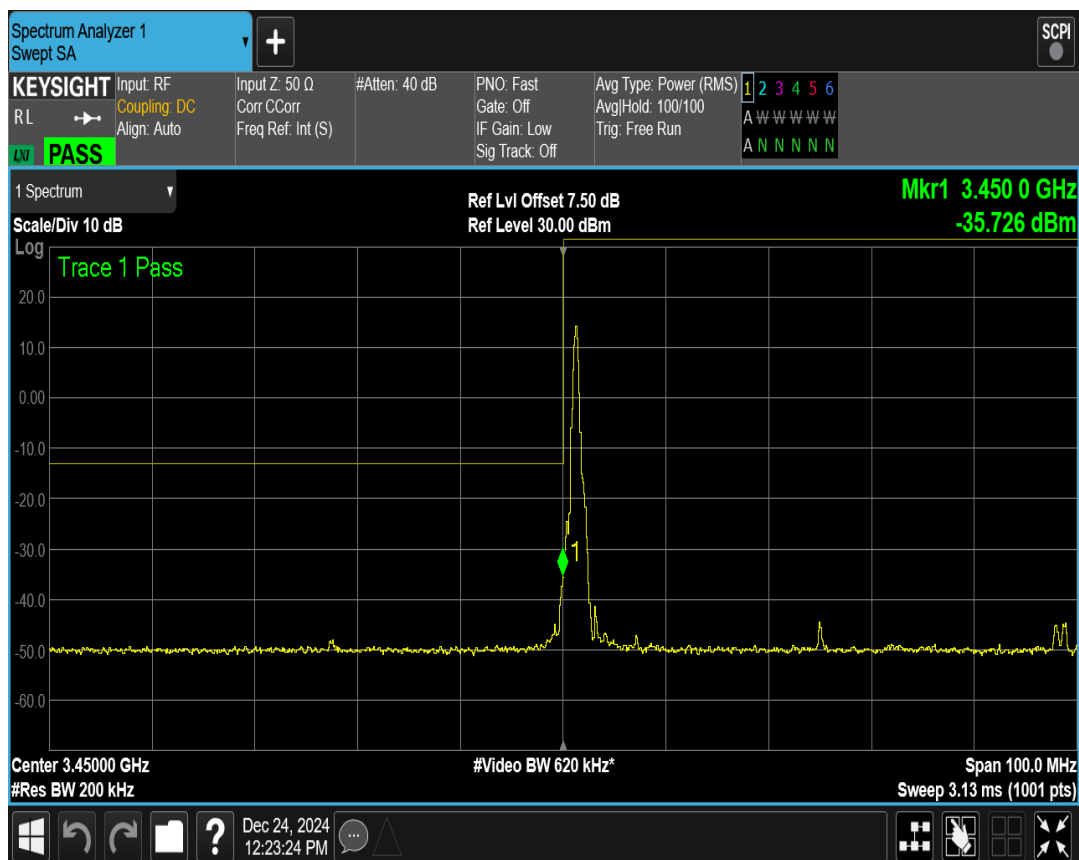
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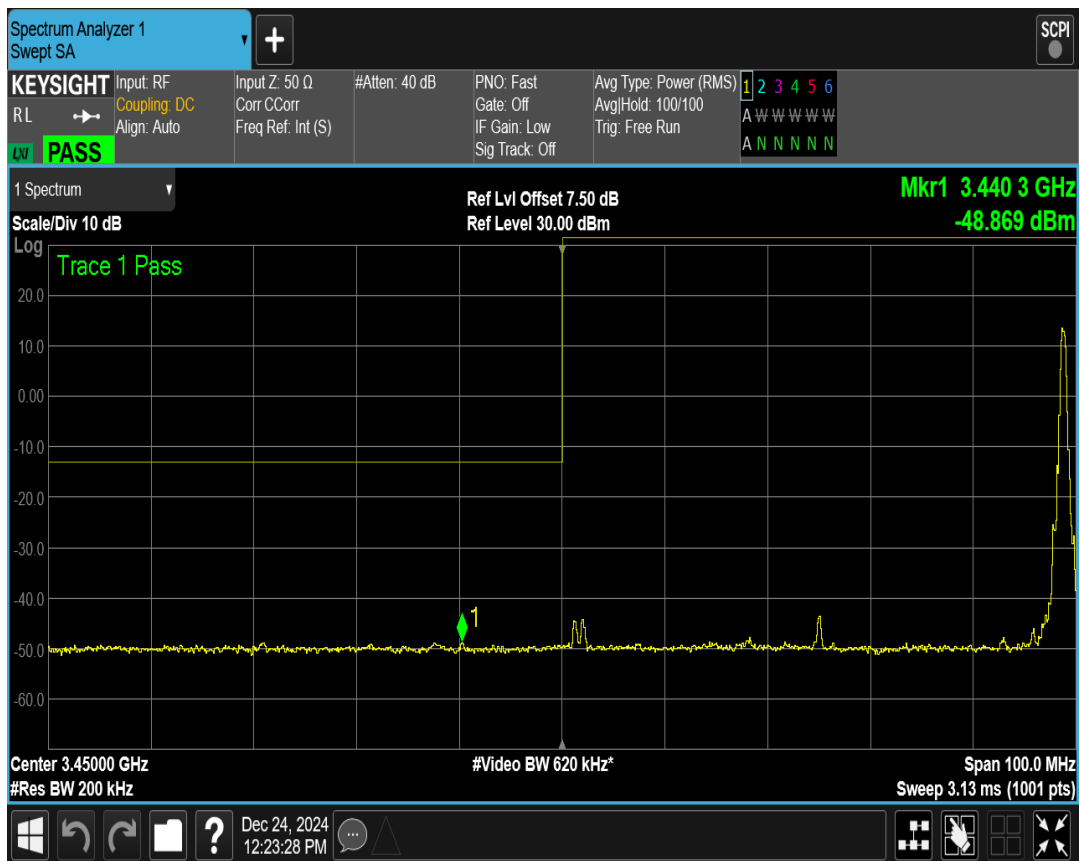
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*n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1@0*



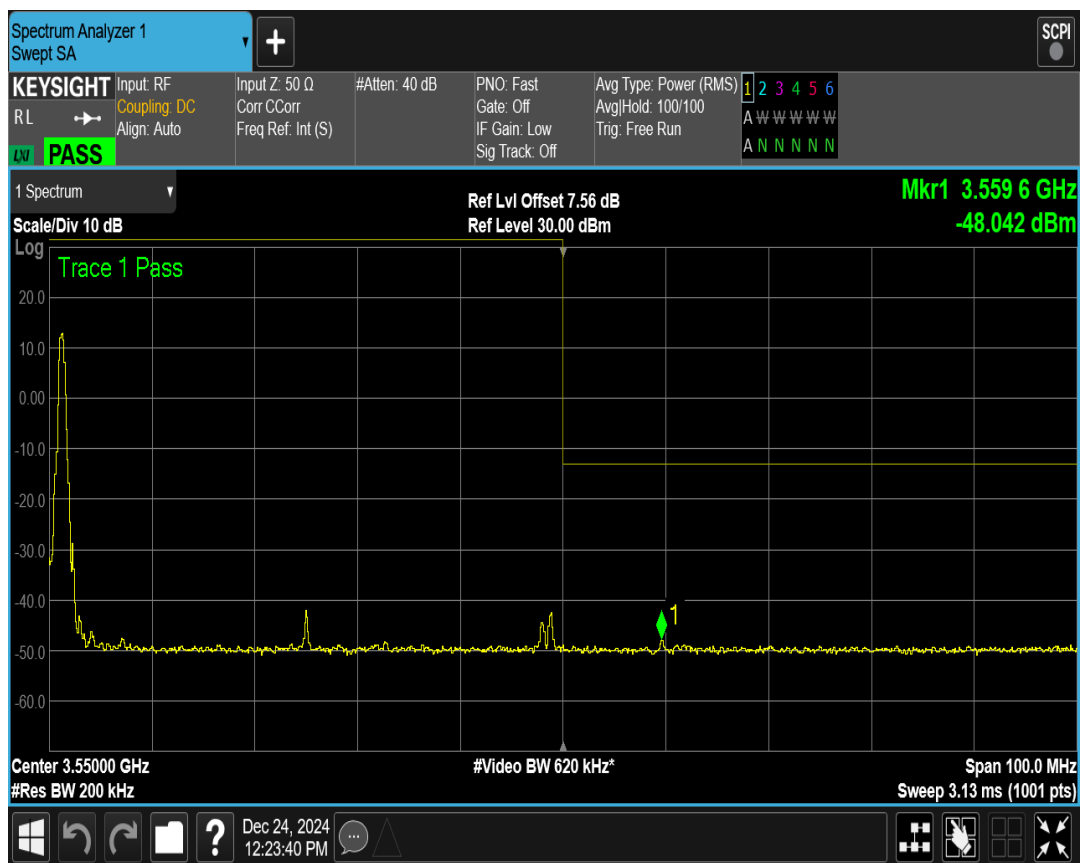
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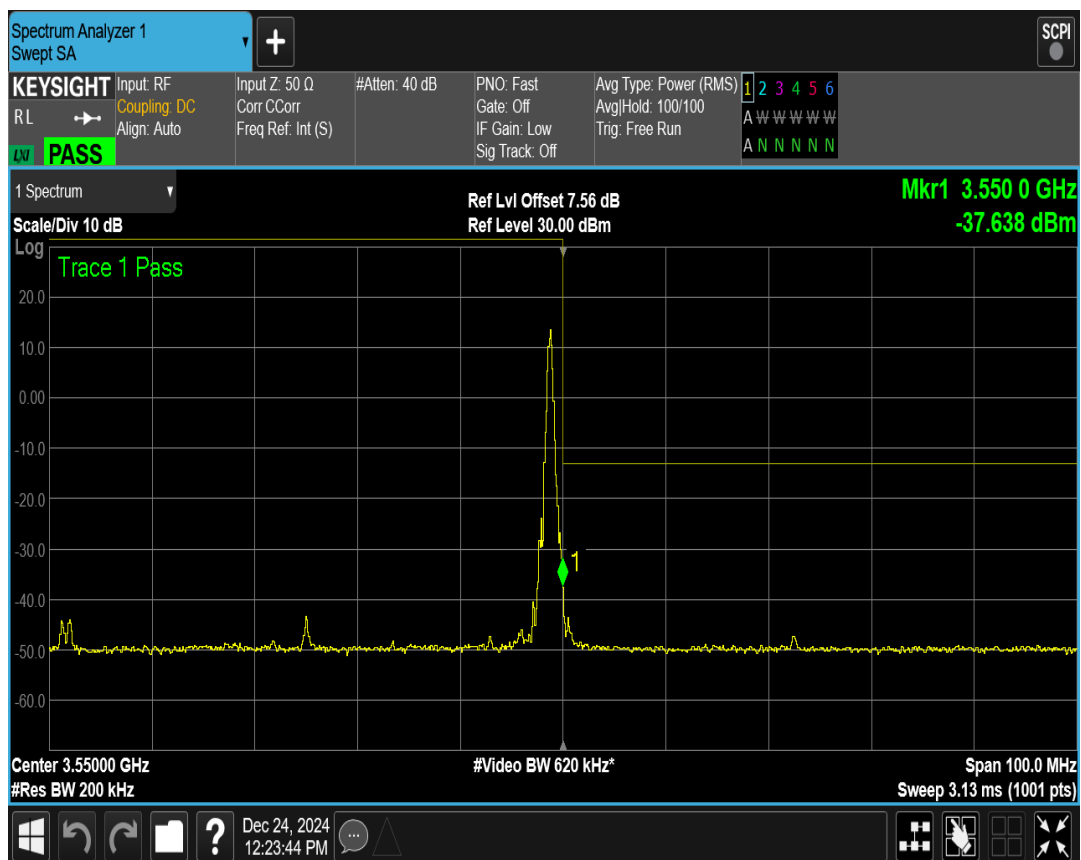
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*n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@0*



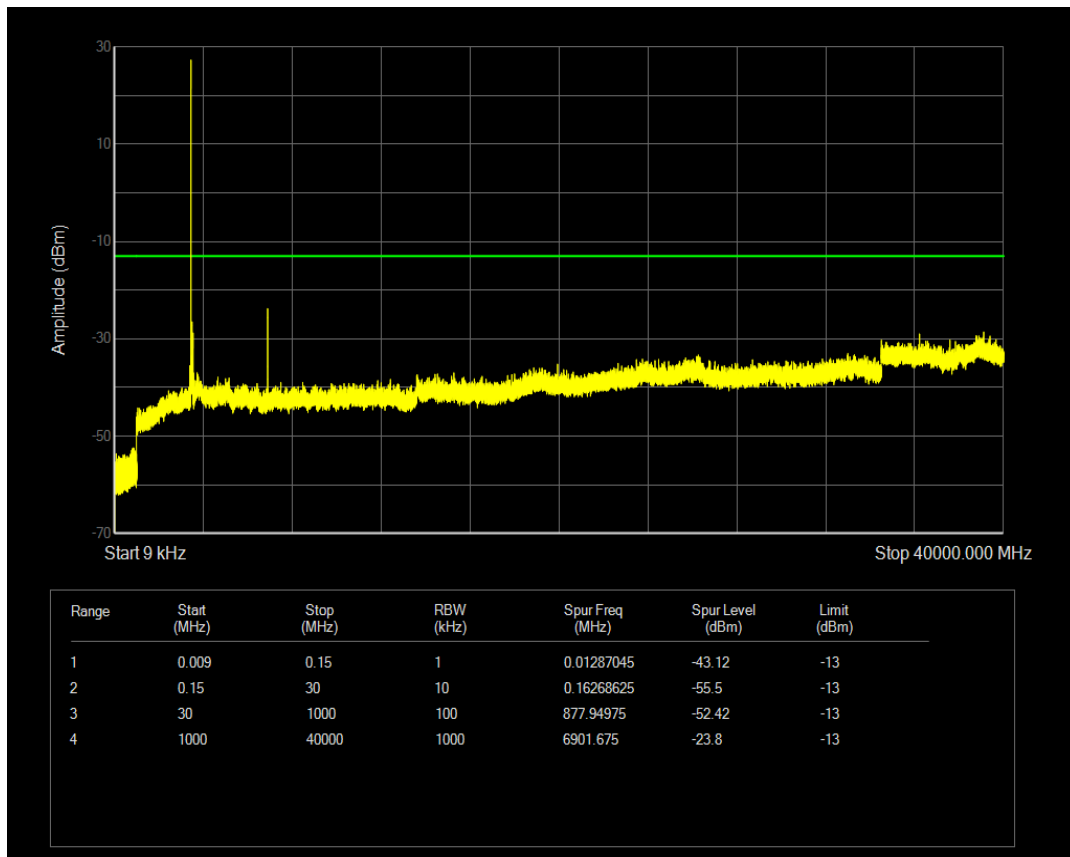
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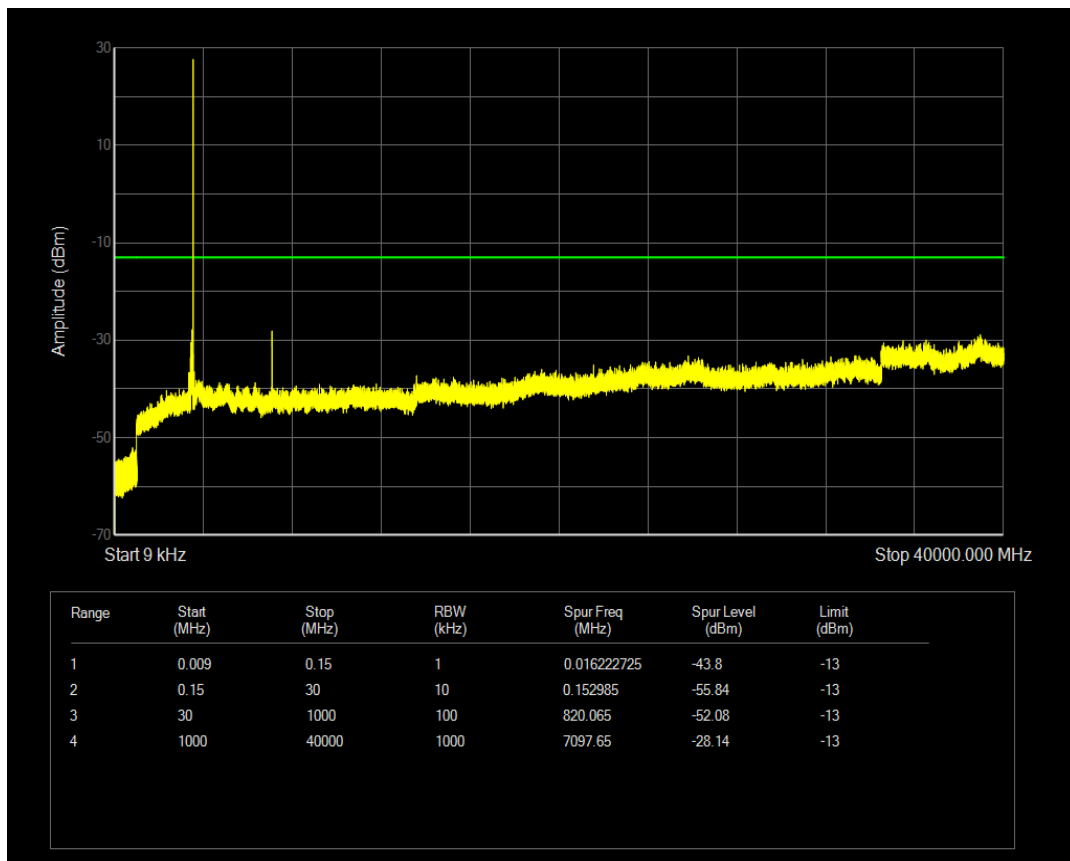
## 6 Out-of-band emissions for NR FR1

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Spur Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|--------------------|------------------------|----------------|---------|
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_QPSK    | 38546.28           | -29.25                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@0              | CP_QPSK    | 6901.68            | -27.17                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@23             | CP_QPSK    | 39166.38           | -29.07                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 24@0             | CP_QPSK    | 38888.50           | -28.89                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 1@0              | CP_QPSK    | 38848.53           | -28.46                 | -13            | PASS    |
| n78(3450-3550) | 30           | 10                 | 636332        | 1@23             | CP_QPSK    | 38961.63           | -28.29                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 133@0            | CP_QPSK    | 39701.65           | -28.73                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 1@0              | CP_QPSK    | 6902.65            | -27.98                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 631668        | 1@132            | CP_QPSK    | 6997.23            | -25.93                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 133@0            | CP_QPSK    | 38764.68           | -29.22                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 1@0              | CP_QPSK    | 7002.10            | -24.40                 | -13            | PASS    |
| n78(3450-3550) | 30           | 50                 | 635000        | 1@132            | CP_QPSK    | 7097.65            | -28.20                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 273@0            | CP_QPSK    | 38990.88           | -29.31                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 1@0              | CP_QPSK    | 6901.68            | -23.80                 | -13            | PASS    |
| n78(3450-3550) | 30           | 100                | 633334        | 1@272            | CP_QPSK    | 7097.65            | -28.14                 | -13            | PASS    |

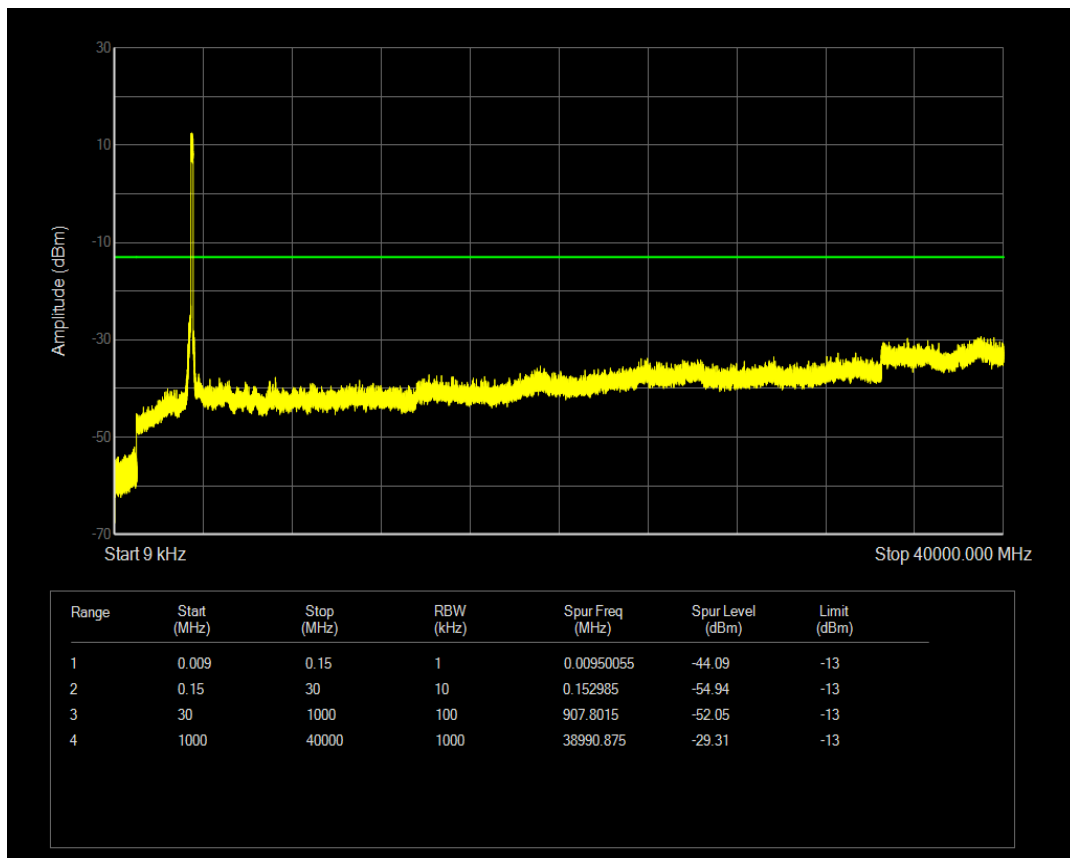
*n78(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=1@0*



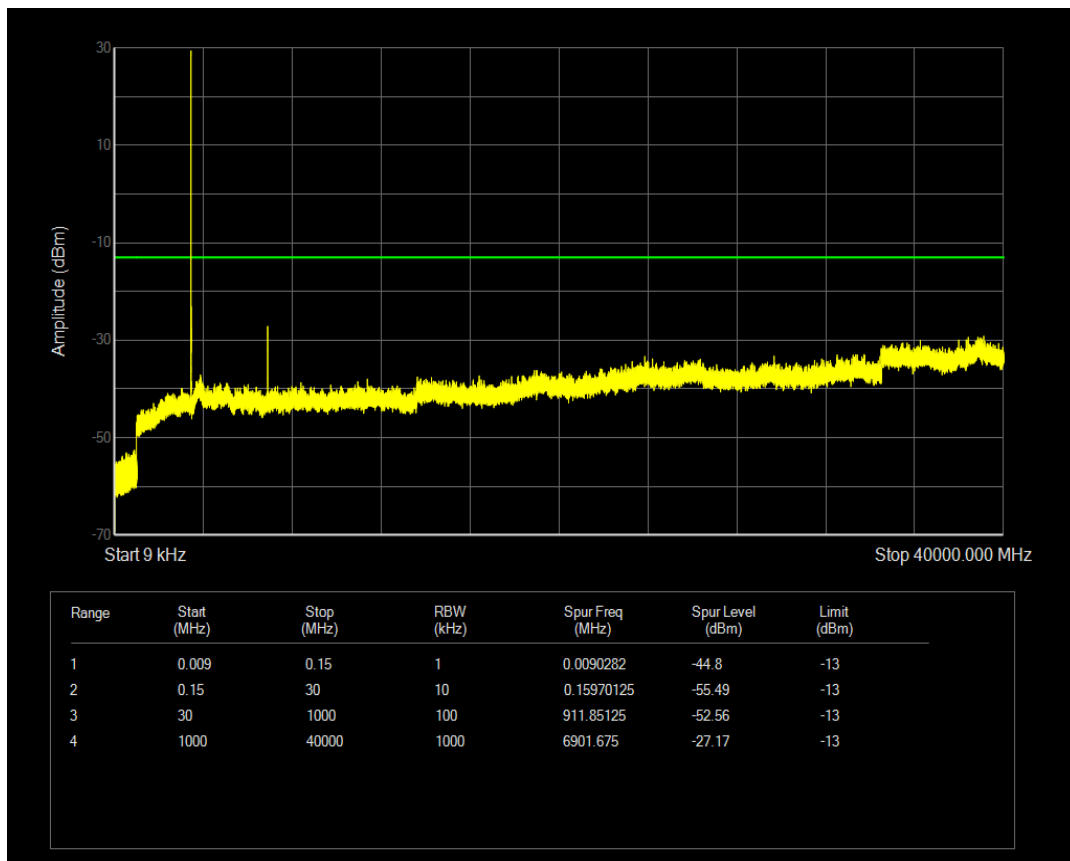
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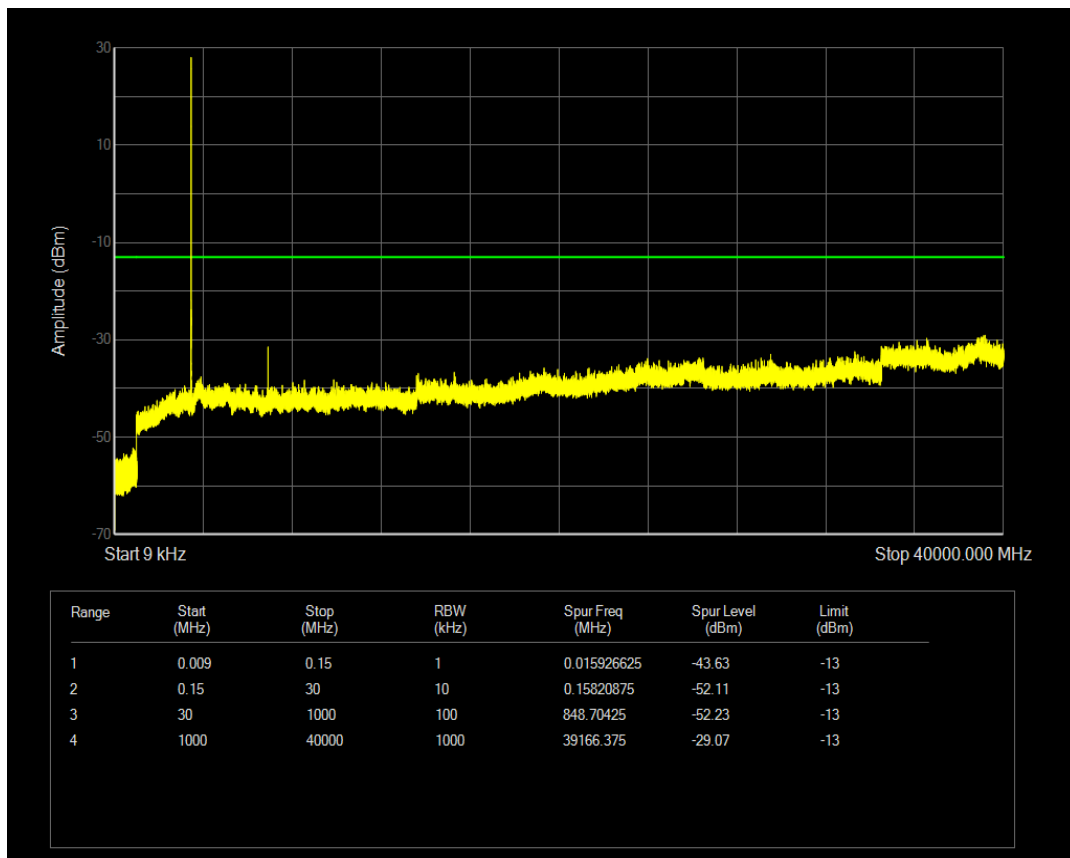
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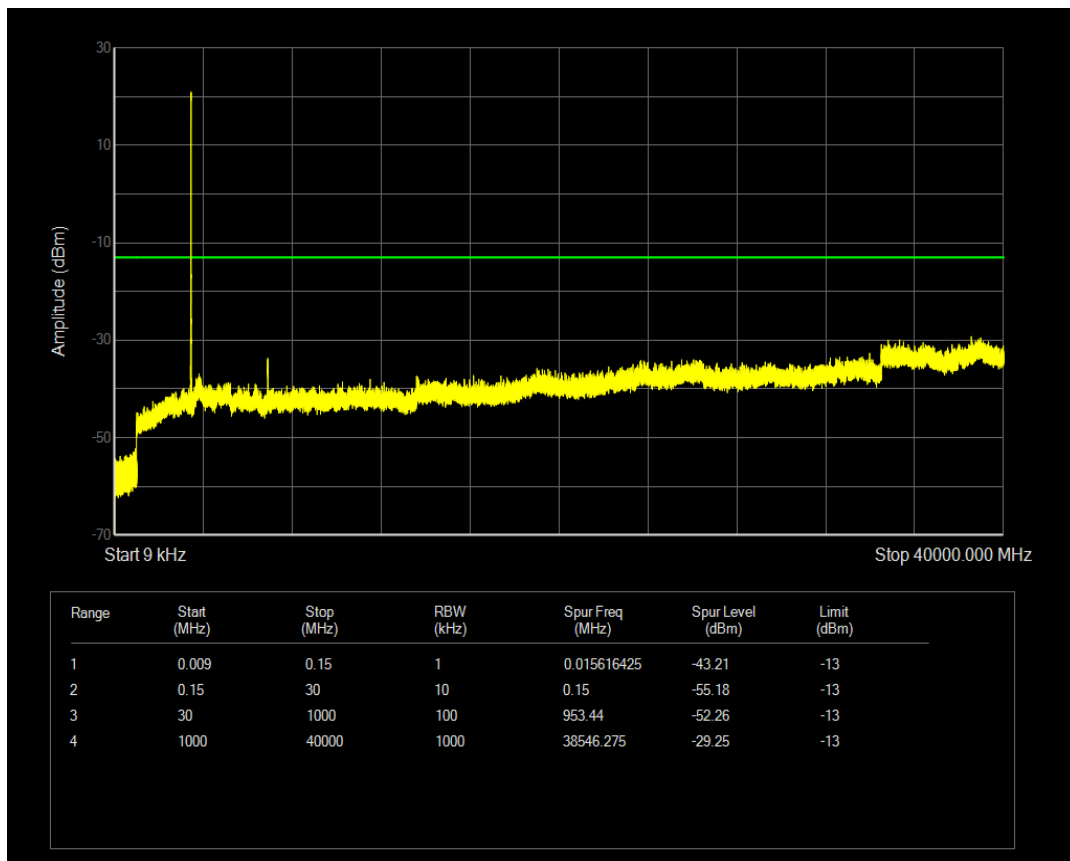
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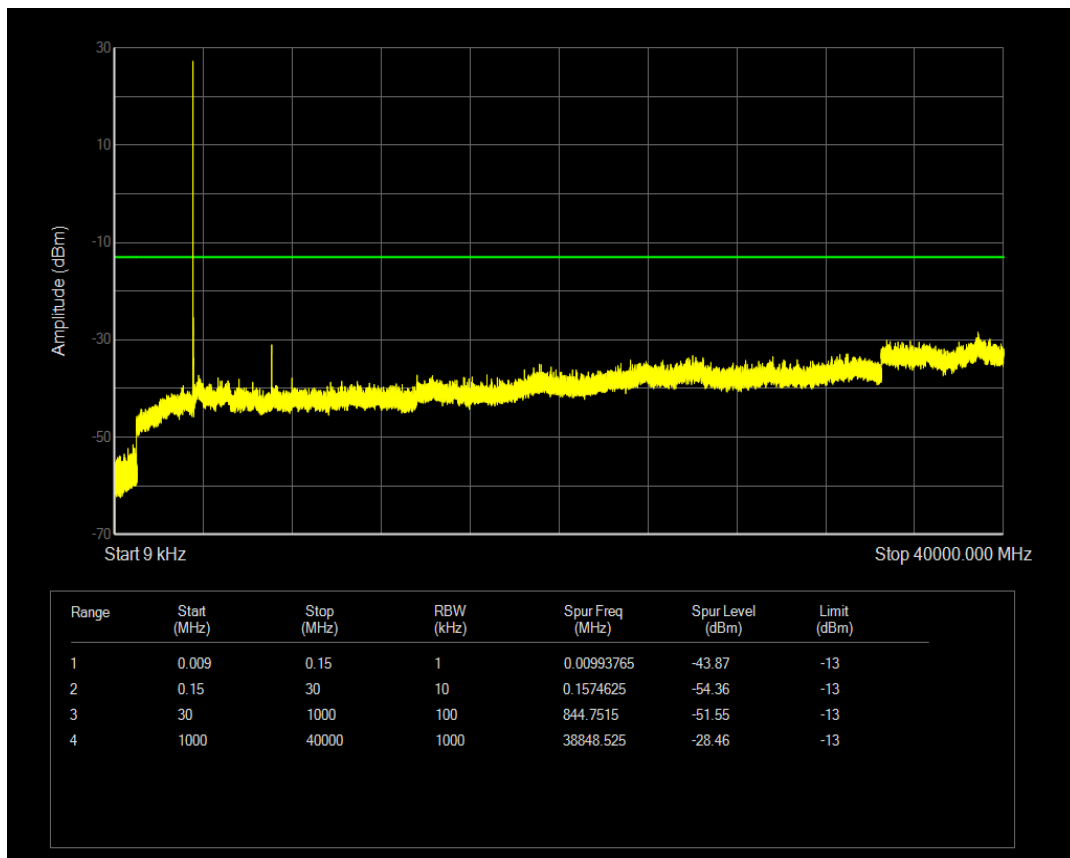
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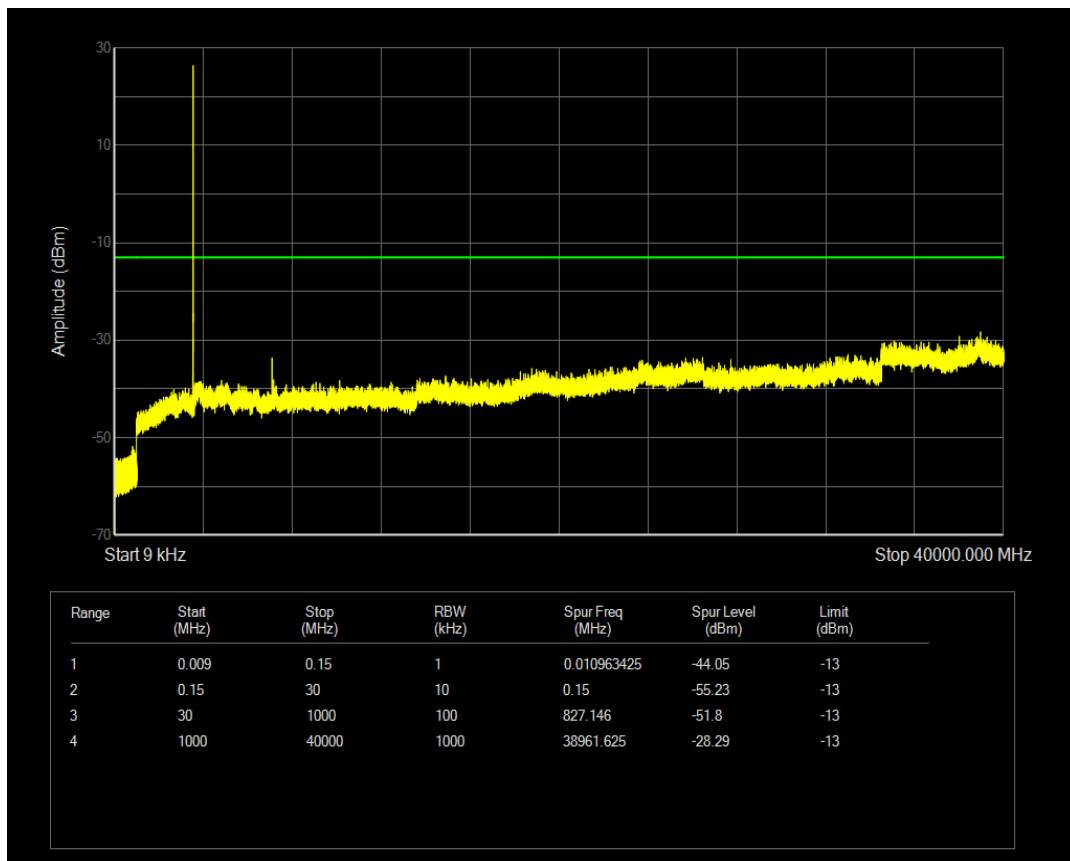
*n78(3450-3550) SCS=30kHz CP\_QPSK BW=10MHz Channel=630334 RB=24@0*



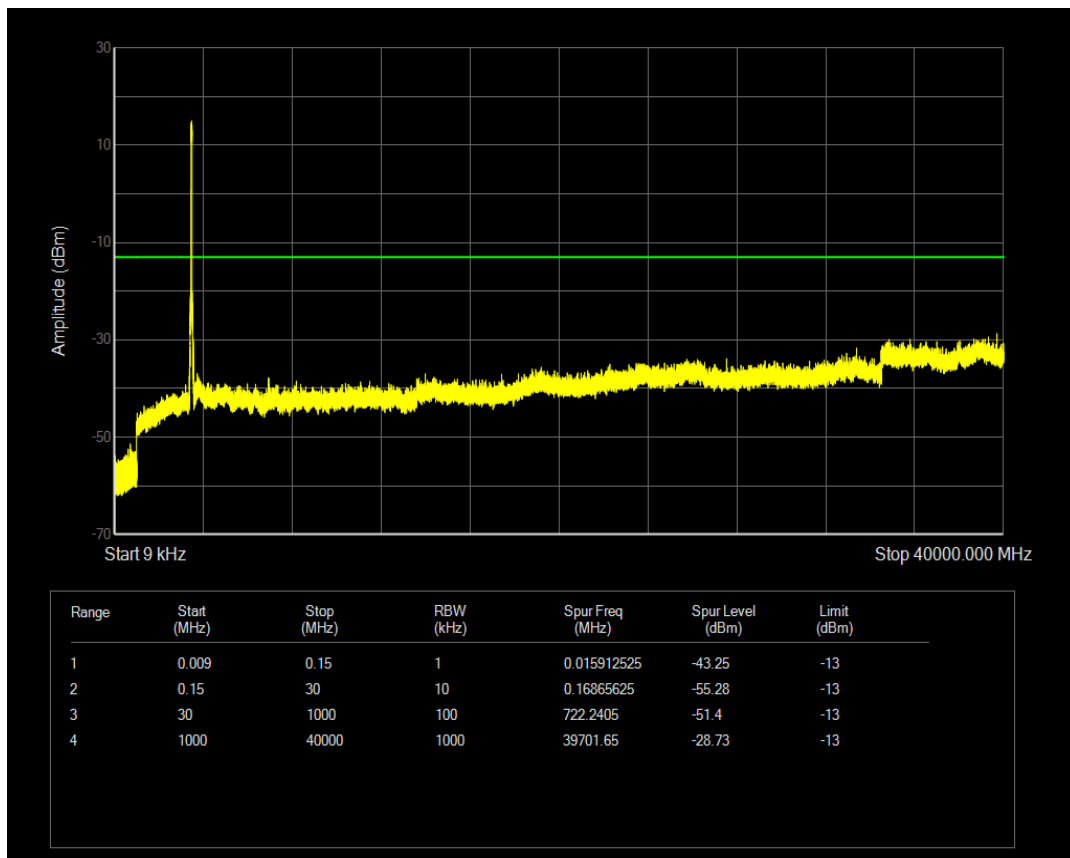
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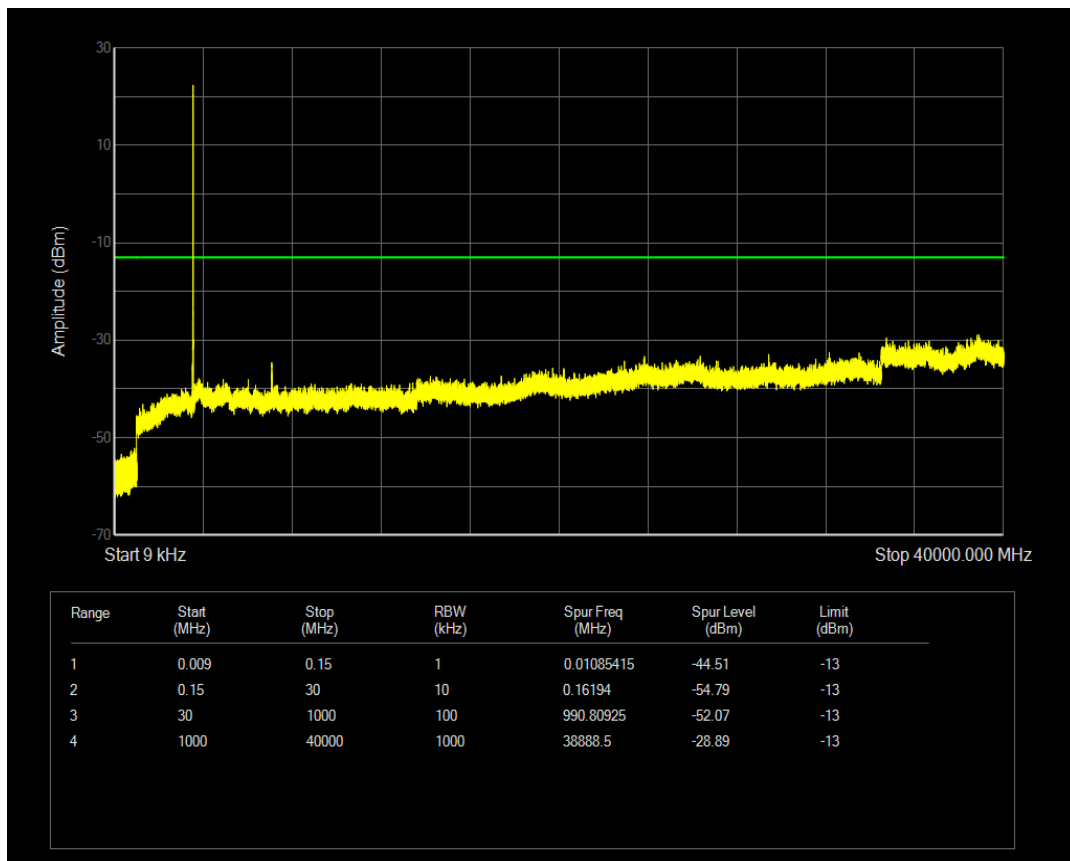
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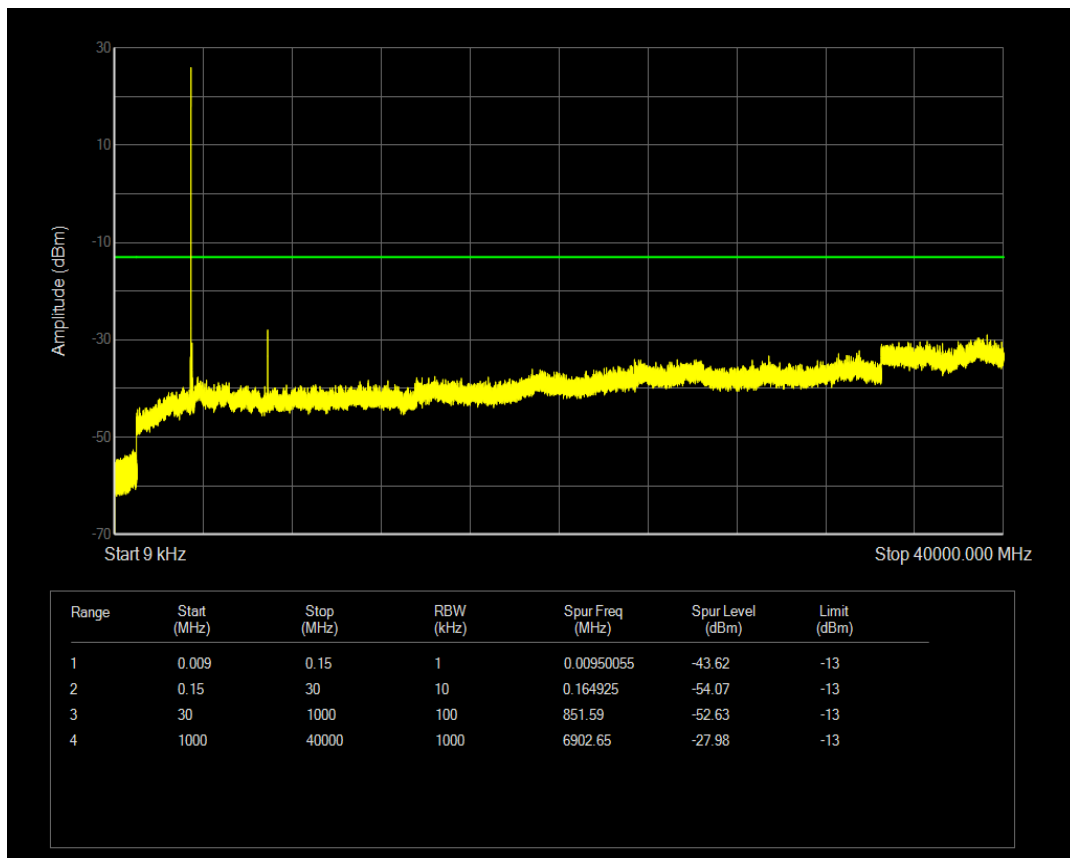
*n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0*



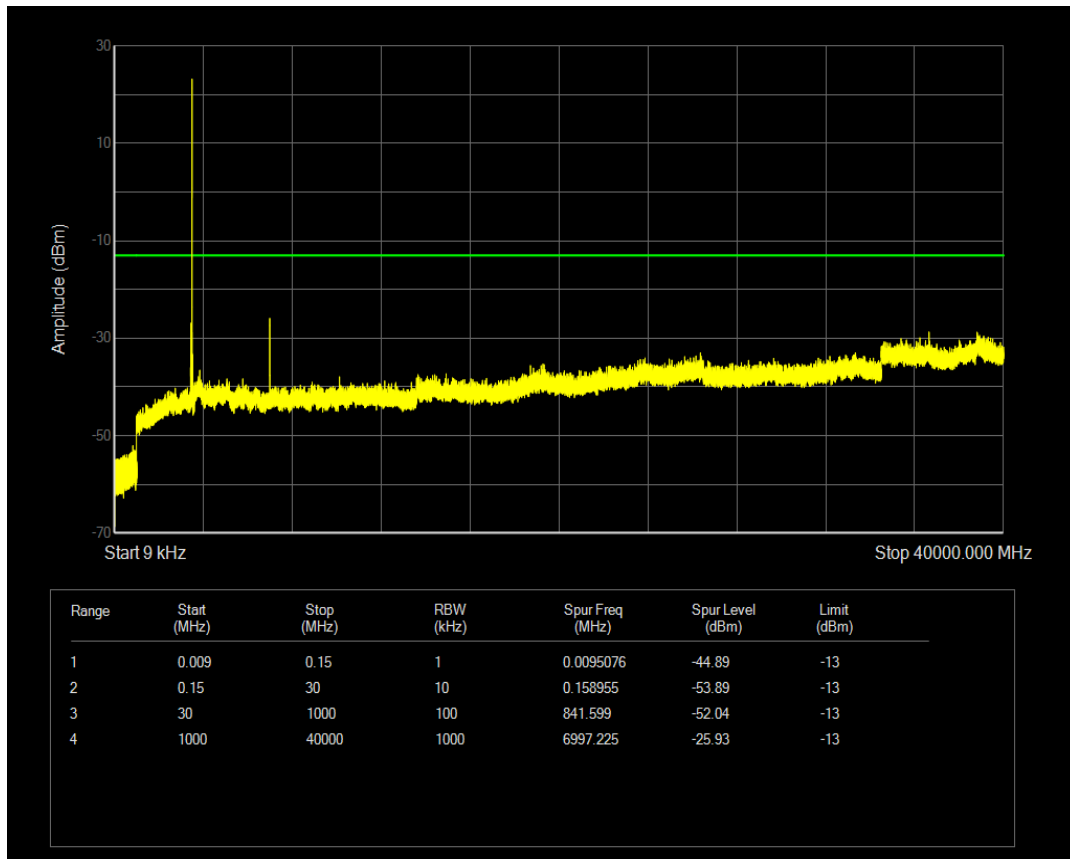
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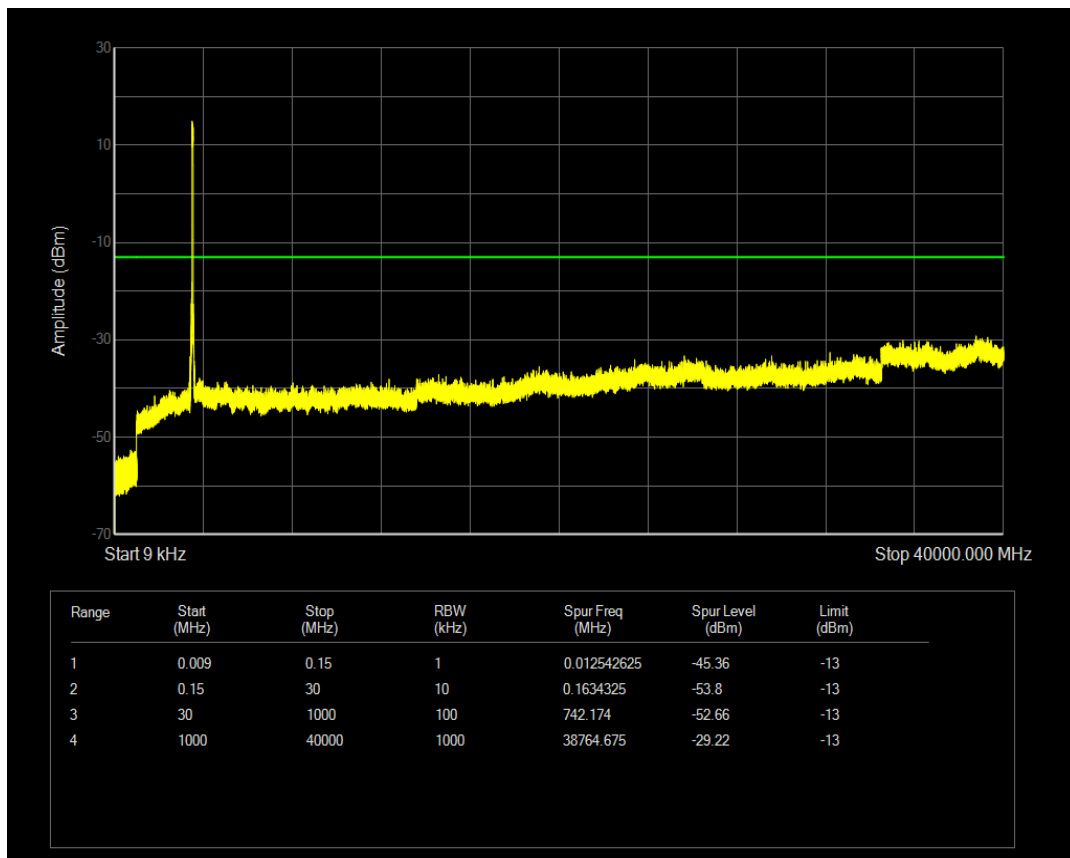
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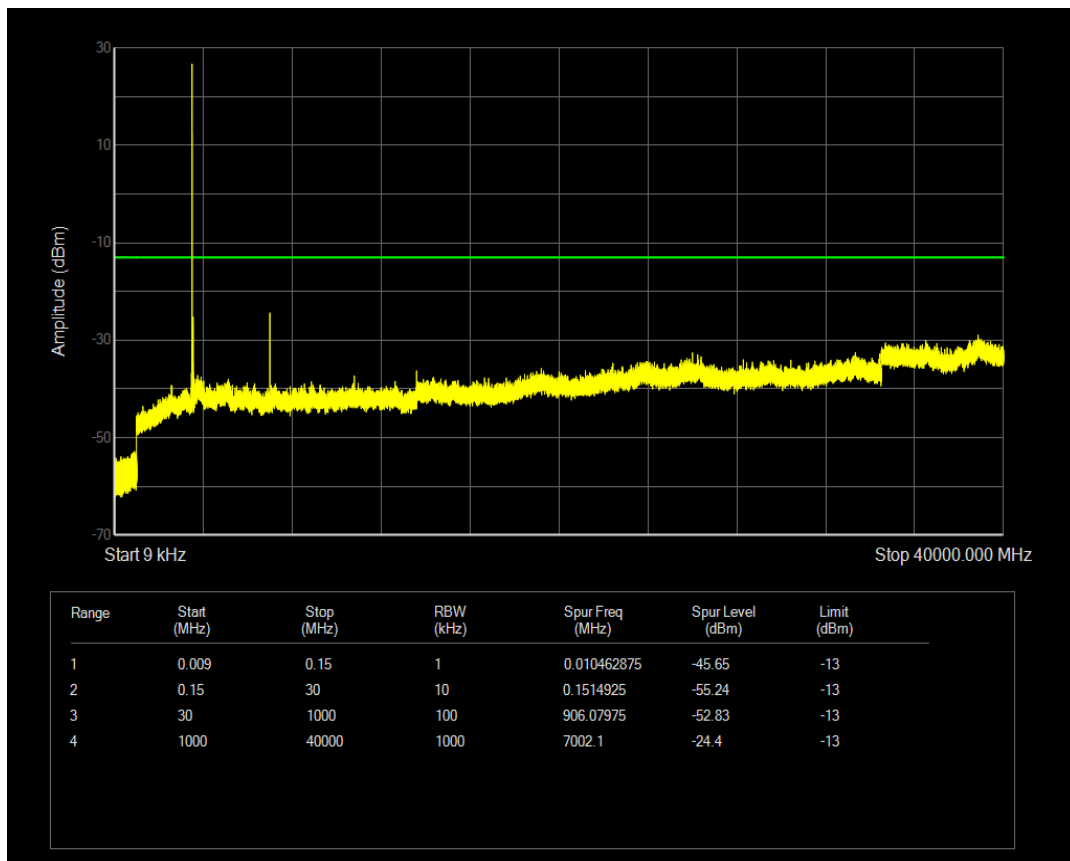
*n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=1@132*



***n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0***



***n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@0***



*n78(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=1@132*

