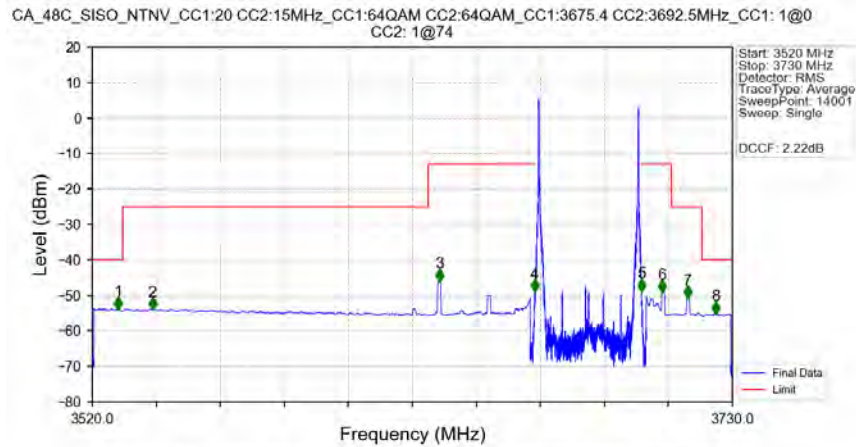
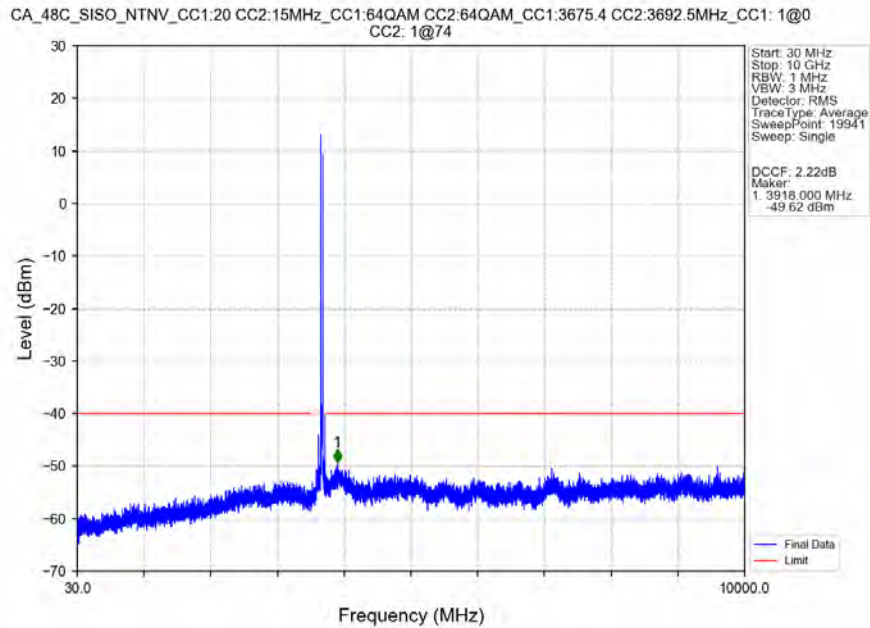


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74

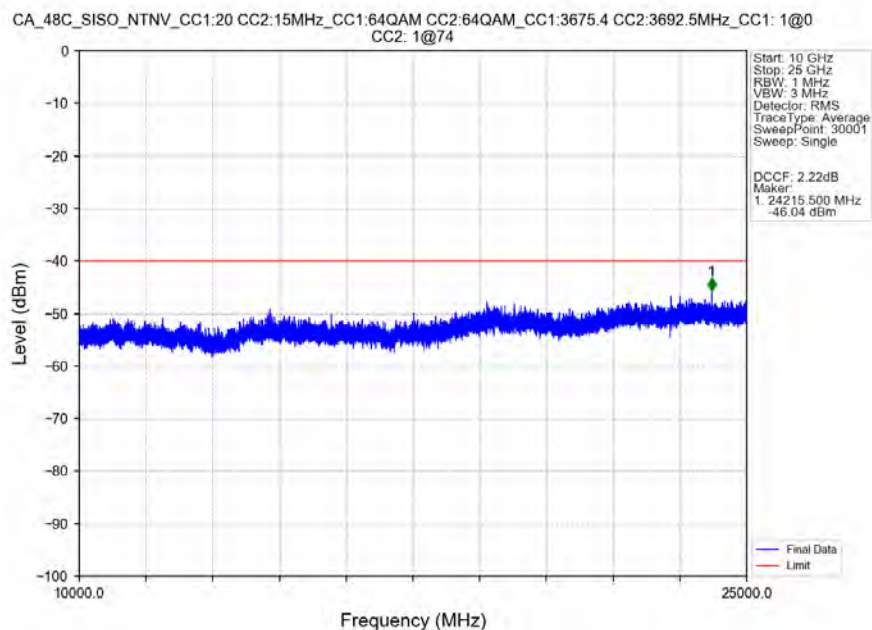


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3528.550   | -53.70      | -40         | Pass   |
| 3530        | 3630.2     | 1         | CHP    | 2          | 3539.740   | -53.78      | -25         | Pass   |
| 3630.2      | 3664.2     | 1         | CHP    | 3          | 3634.000   | -45.79      | -13         | Pass   |
| 3664.2      | 3665.2     | 0.03      | /      | 4          | 3665.185   | -48.64      | -13         | Pass   |
| 3665.2      | 3700.2     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.2      | 3701.2     | 0.03      | /      | 5          | 3700.210   | -48.61      | -13         | Pass   |
| 3701.2      | 3710       | 1         | CHP    | 6          | 3706.885   | -48.91      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3715.345   | -50.63      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.570   | -55.03      | -40         | Pass   |

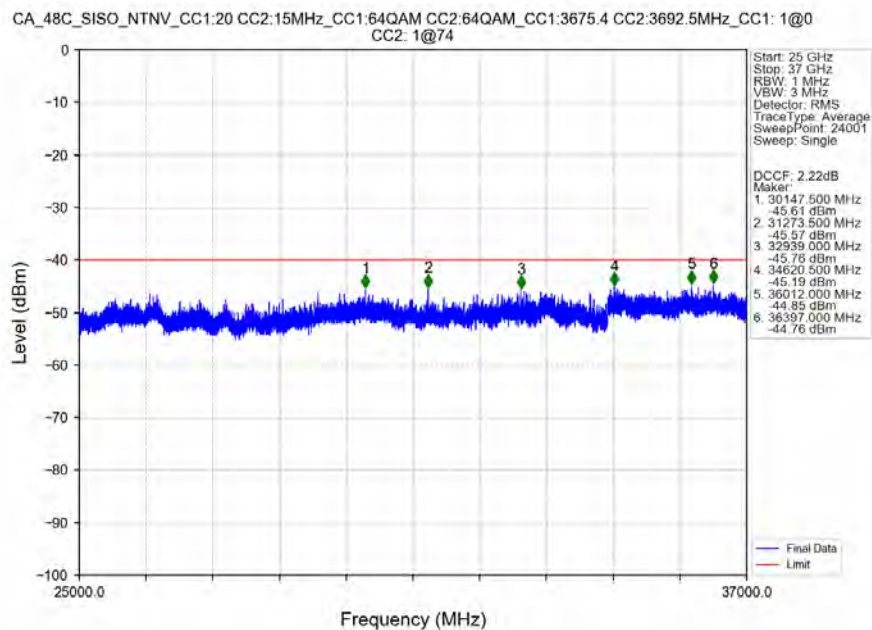
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



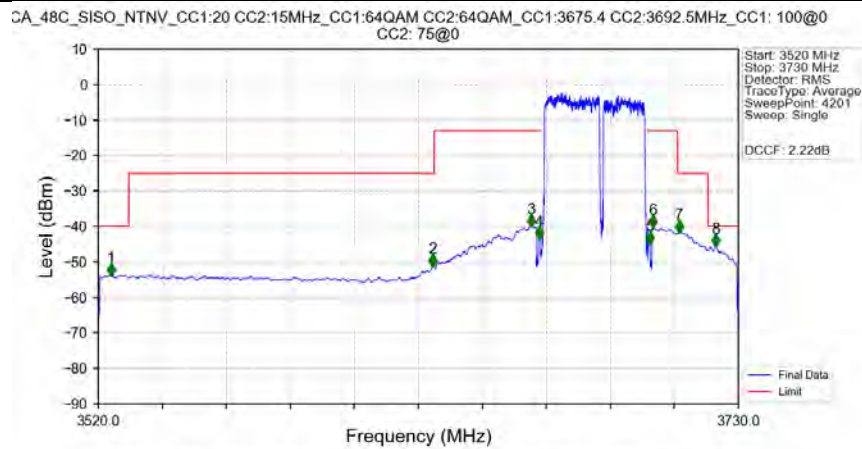
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2:  
1@74



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2:  
1@74

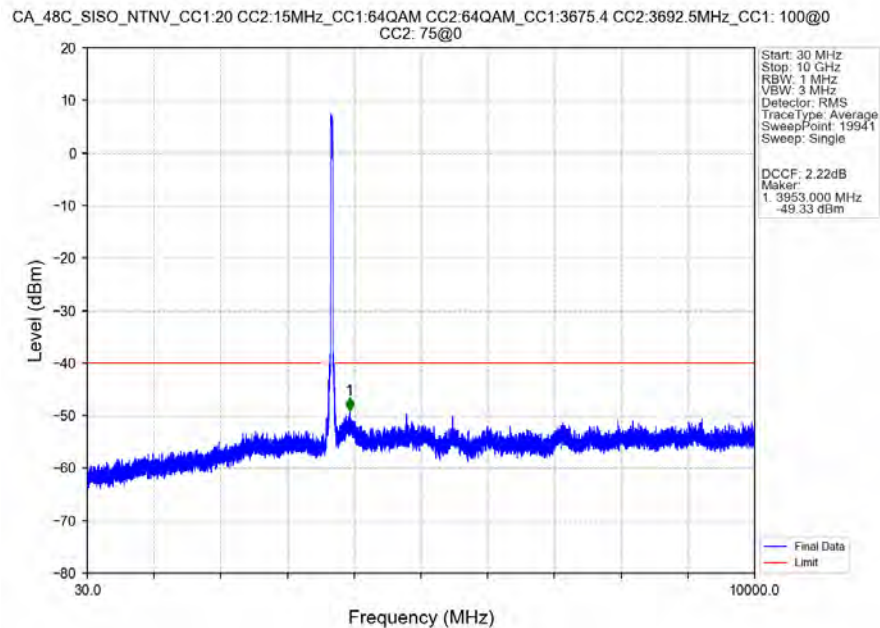


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0

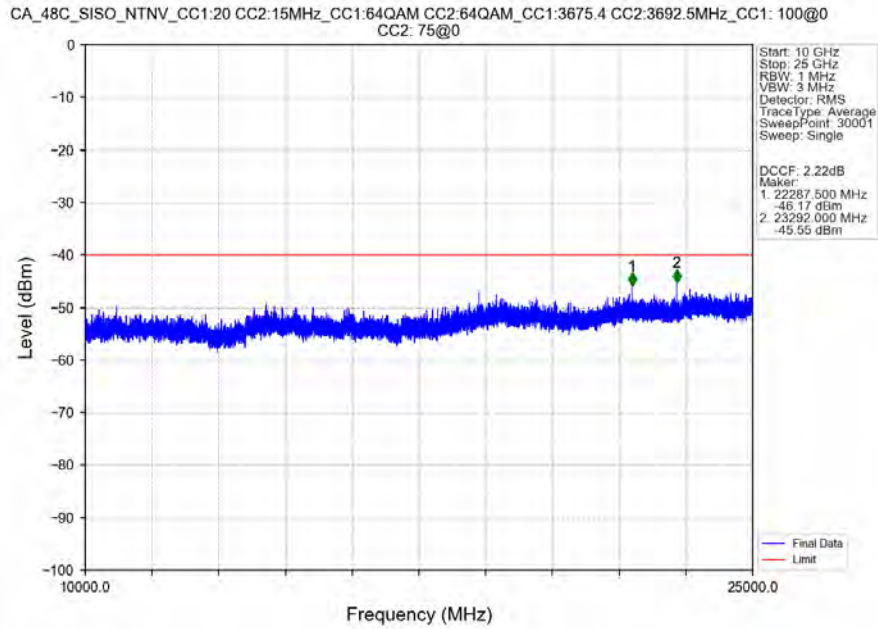


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.200   | -53.67      | -40         | Pass   |
| 3530        | 3630.2     | 1         | CHP    | 2          | 3629.800   | -51.14      | -25         | Pass   |
| 3630.2      | 3664.2     | 1         | CHP    | 3          | 3661.950   | -39.94      | -13         | Pass   |
| 3664.2      | 3665.2     | 0.353     | CHP    | 4          | 3664.600   | -43.29      | -13         | Pass   |
| 3665.2      | 3700.2     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.2      | 3701.2     | 0.353     | CHP    | 5          | 3700.900   | -44.68      | -13         | Pass   |
| 3701.2      | 3710       | 1         | CHP    | 6          | 3701.850   | -40.05      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3710.650   | -41.48      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3722.600   | -45.52      | -40         | Pass   |

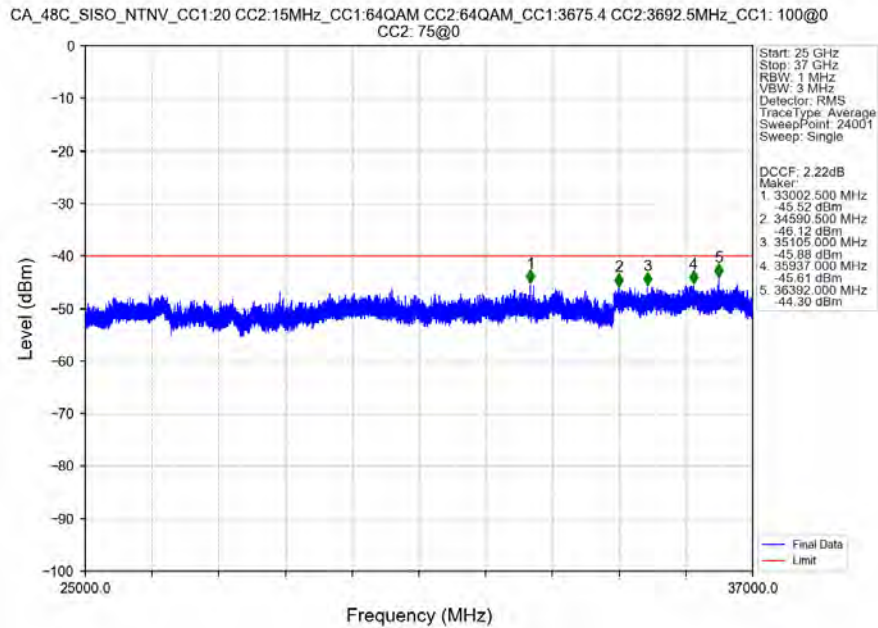
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



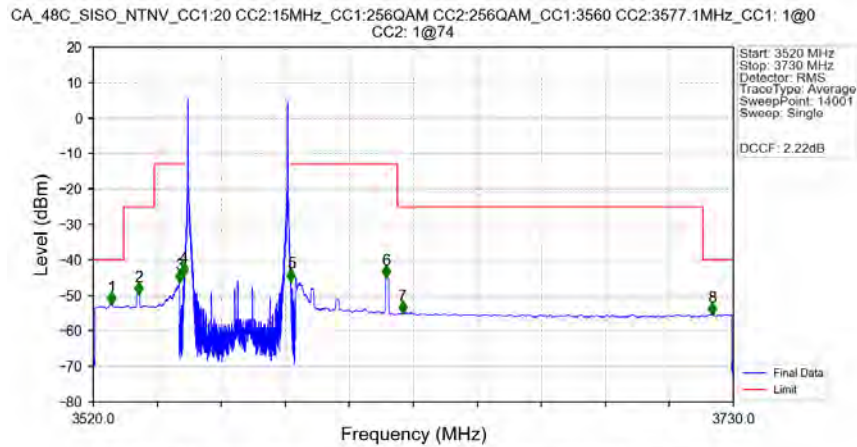
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0

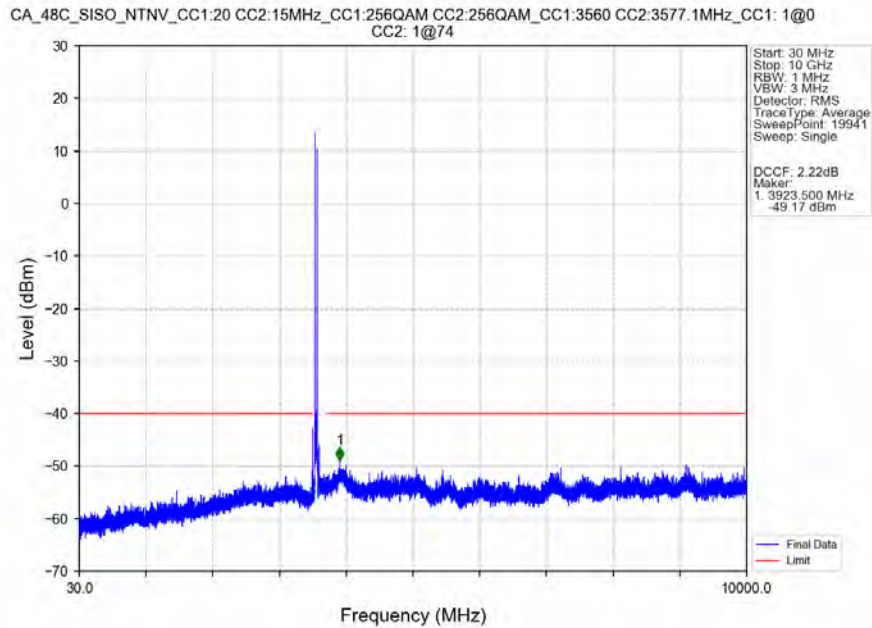


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2: 1@74

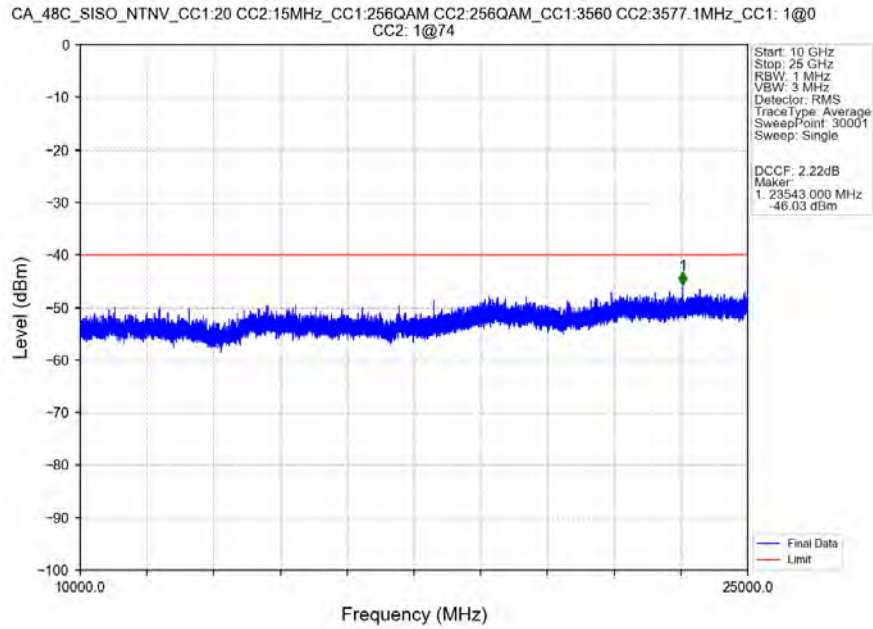


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3526.075   | -52.32      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3534.895   | -49.50      | -25         | Pass   |
| 3540        | 3548.8     | 1         | CHP    | 3          | 3548.260   | -46.17      | -13         | Pass   |
| 3548.8      | 3549.8     | 0.03      | /      | 4          | 3549.670   | -44.22      | -13         | Pass   |
| 3549.8      | 3584.8     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3584.8      | 3585.8     | 0.03      | /      | 5          | 3584.905   | -45.80      | -13         | Pass   |
| 3585.8      | 3619.8     | 1         | CHP    | 6          | 3616.180   | -44.84      | -13         | Pass   |
| 3619.8      | 3720       | 1         | CHP    | 7          | 3621.505   | -54.94      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.130   | -55.39      | -40         | Pass   |

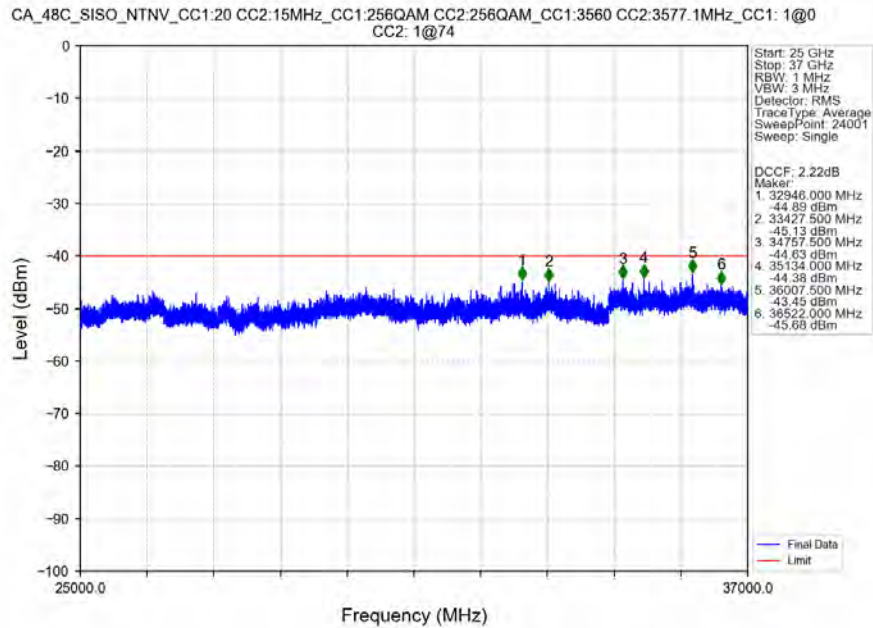
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2: 1@74



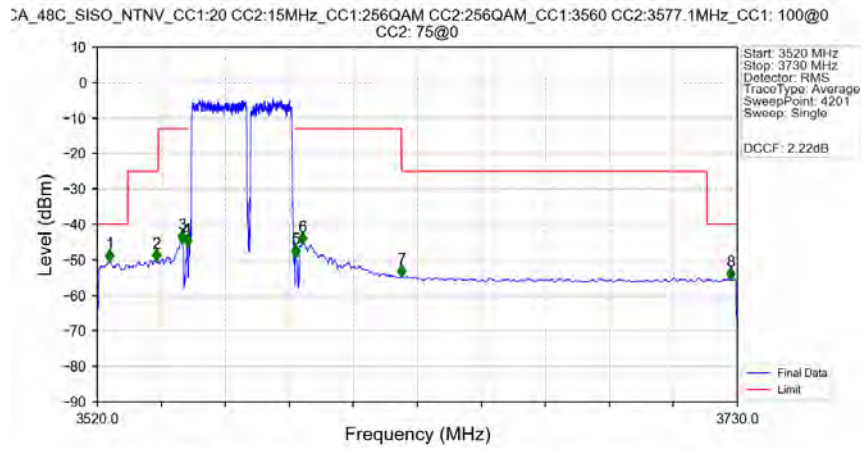
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2:  
1@74



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2:  
1@74

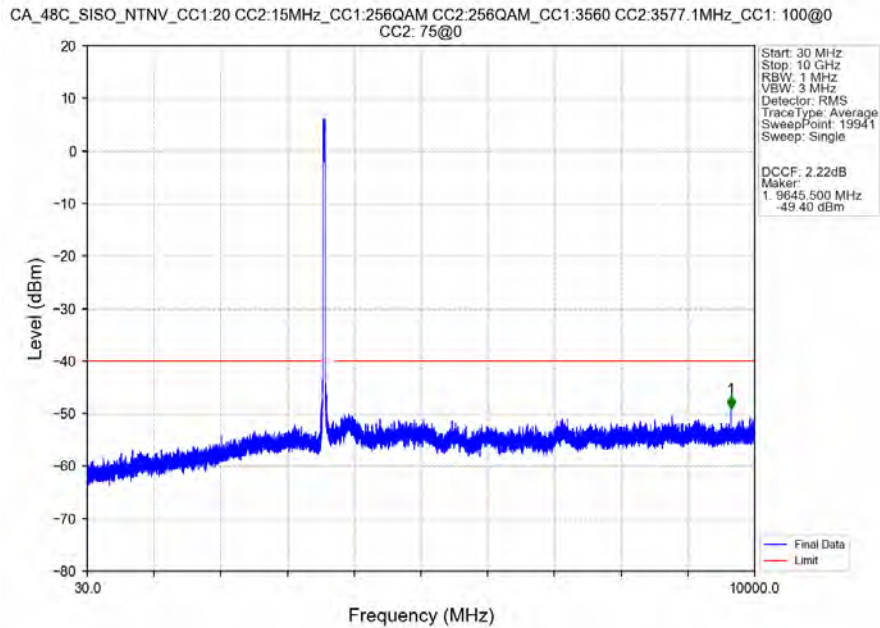


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0

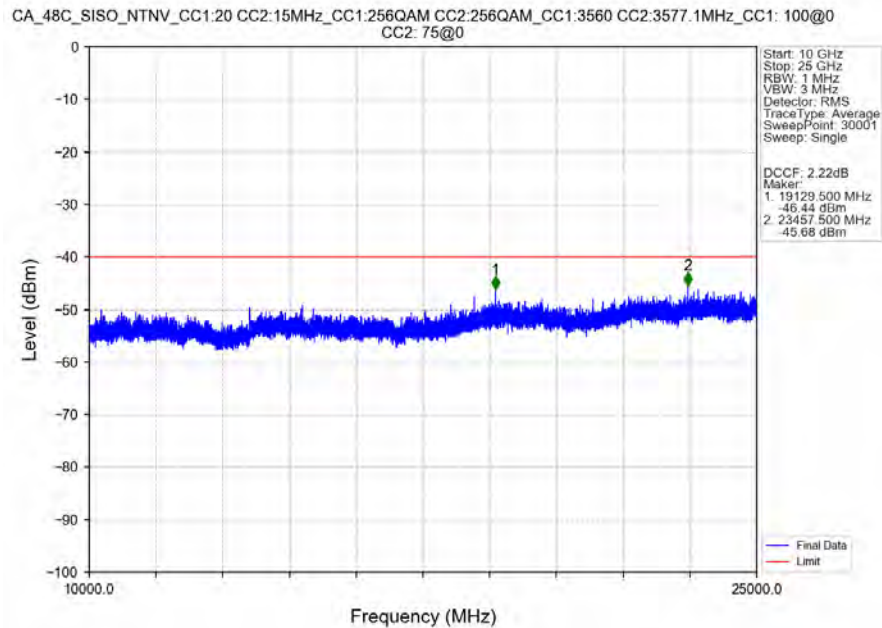


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.050   | -50.26      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.300   | -50.14      | -25         | Pass   |
| 3540        | 3548.8     | 1         | CHP    | 3          | 3547.750   | -44.94      | -13         | Pass   |
| 3548.8      | 3549.8     | 0.357     | CHP    | 4          | 3549.500   | -46.04      | -13         | Pass   |
| 3549.8      | 3584.8     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3584.8      | 3585.8     | 0.357     | CHP    | 5          | 3585.000   | -48.99      | -13         | Pass   |
| 3585.8      | 3619.8     | 1         | CHP    | 6          | 3587.350   | -45.47      | -13         | Pass   |
| 3619.8      | 3720       | 1         | CHP    | 7          | 3619.900   | -54.59      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3727.850   | -55.40      | -40         | Pass   |

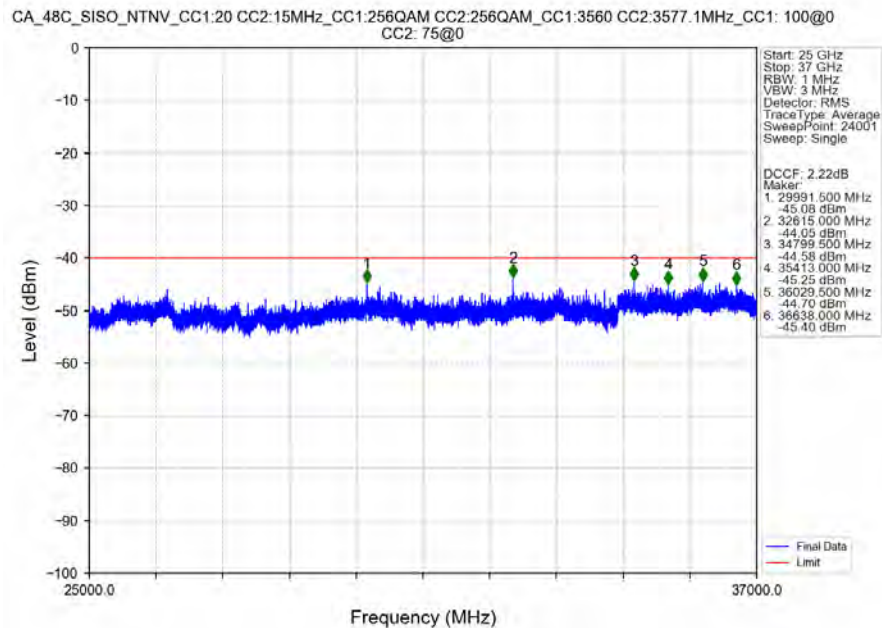
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0



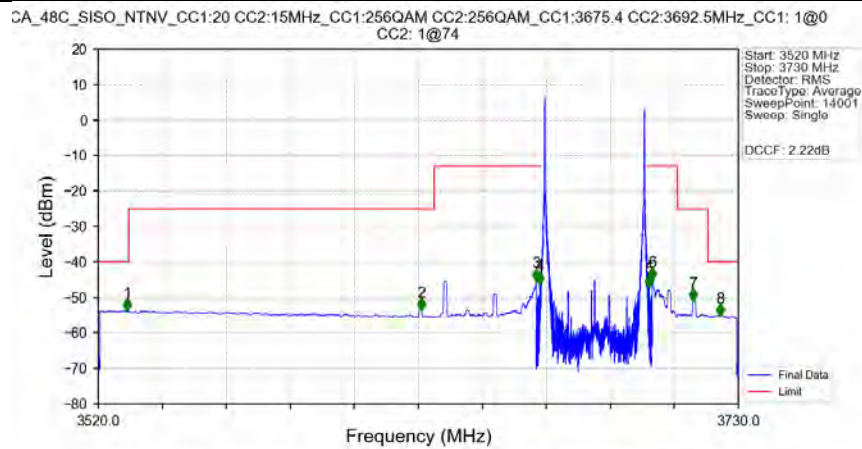
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0

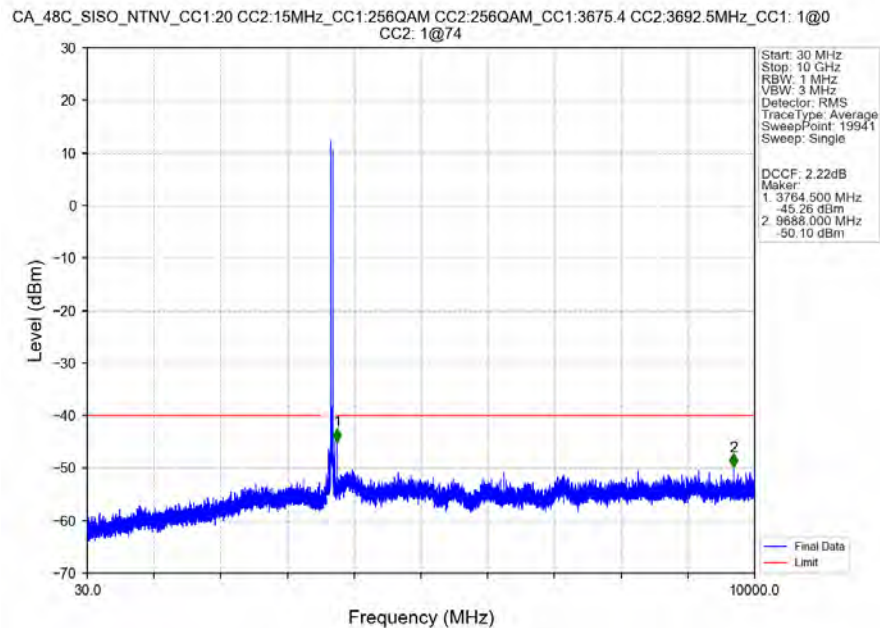


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74

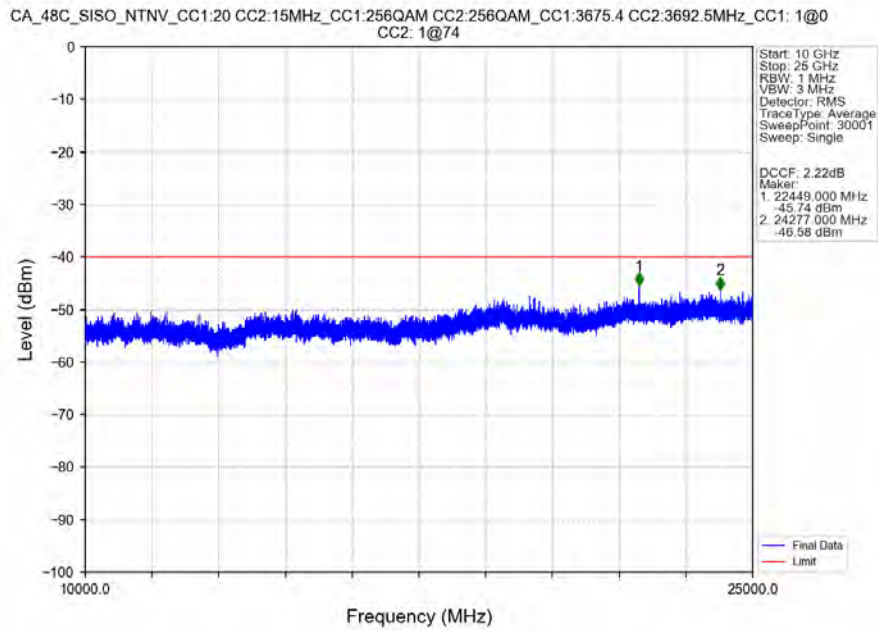


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.495   | -53.66      | -40         | Pass   |
| 3530        | 3630.2     | 1         | CHP    | 2          | 3626.080   | -53.38      | -25         | Pass   |
| 3630.2      | 3664.2     | 1         | CHP    | 3          | 3663.640   | -45.19      | -13         | Pass   |
| 3664.2      | 3665.2     | 0.03      | /      | 4          | 3664.825   | -46.02      | -13         | Pass   |
| 3665.2      | 3700.2     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.2      | 3701.2     | 0.03      | /      | 5          | 3700.750   | -46.86      | -13         | Pass   |
| 3701.2      | 3710       | 1         | CHP    | 6          | 3701.740   | -44.91      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3715.210   | -50.85      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.135   | -55.09      | -40         | Pass   |

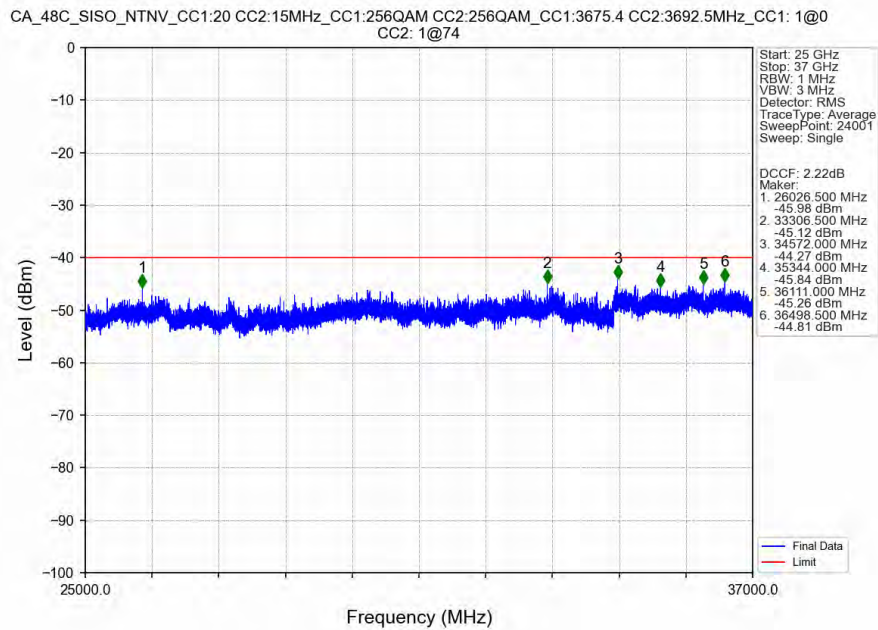
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



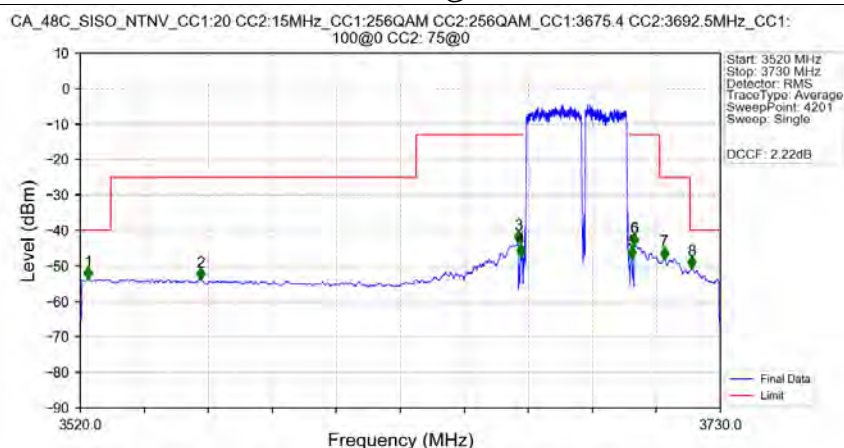
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74

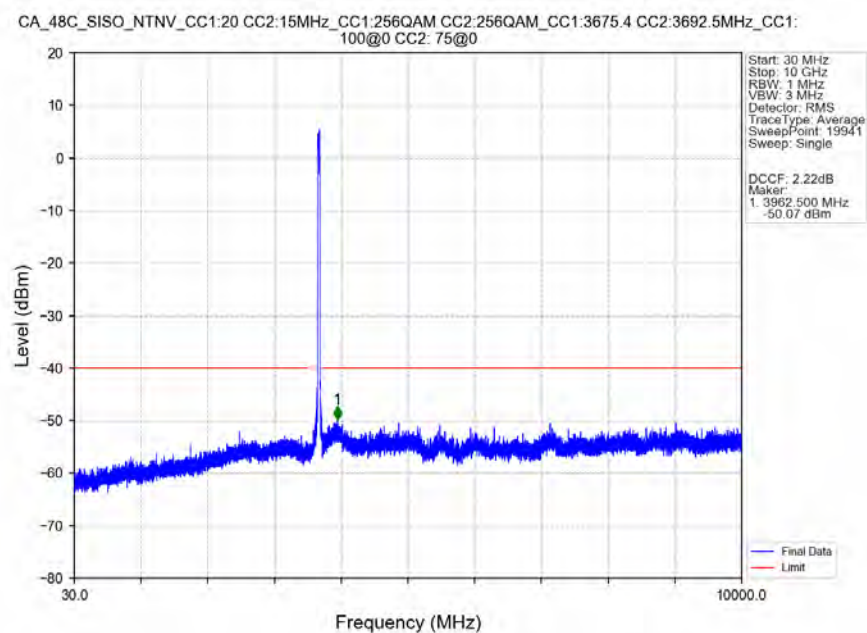


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0

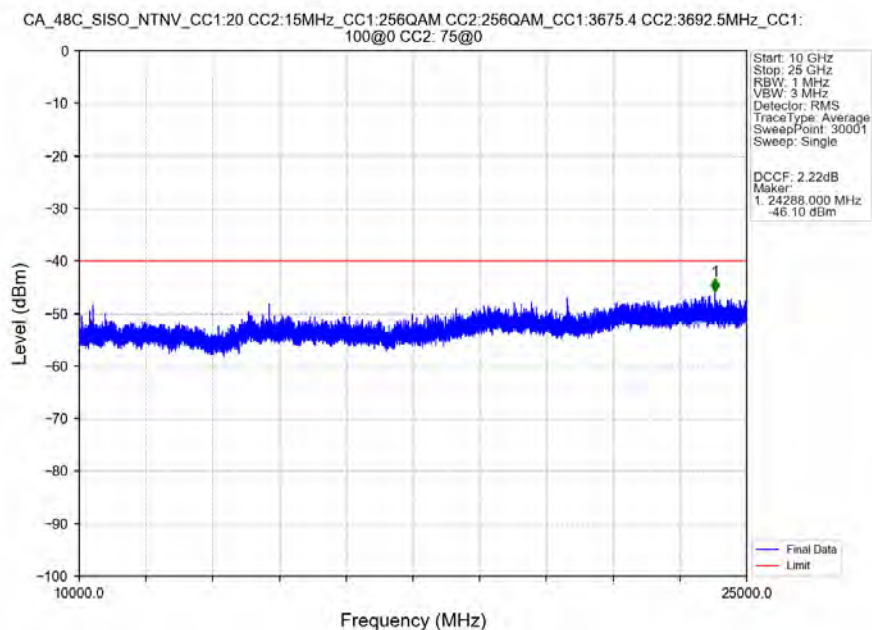


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.600   | -53.62      | -40         | Pass   |
| 3530        | 3630.2     | 1         | CHP    | 2          | 3559.550   | -53.75      | -25         | Pass   |
| 3630.2      | 3664.2     | 1         | CHP    | 3          | 3663.700   | -43.29      | -13         | Pass   |
| 3664.2      | 3665.2     | 0.35      | CHP    | 4          | 3664.400   | -47.07      | -13         | Pass   |
| 3665.2      | 3700.2     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.2      | 3701.2     | 0.35      | CHP    | 5          | 3701.000   | -47.77      | -13         | Pass   |
| 3701.2      | 3710       | 1         | CHP    | 6          | 3701.700   | -44.19      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3711.650   | -47.92      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.650   | -50.58      | -40         | Pass   |

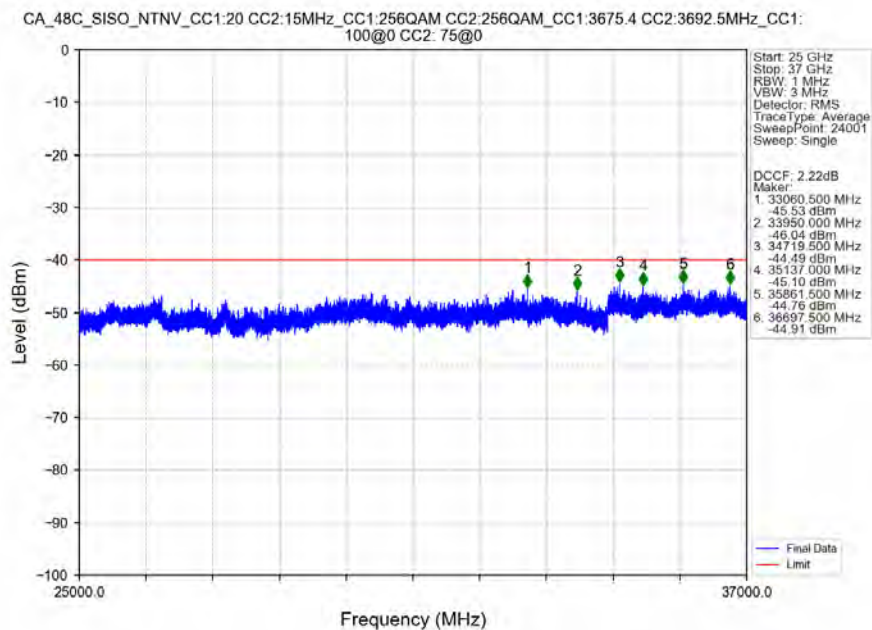
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



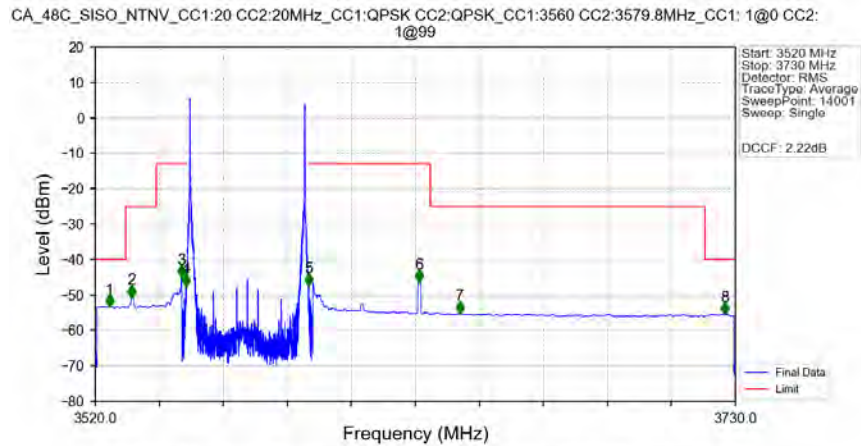
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0

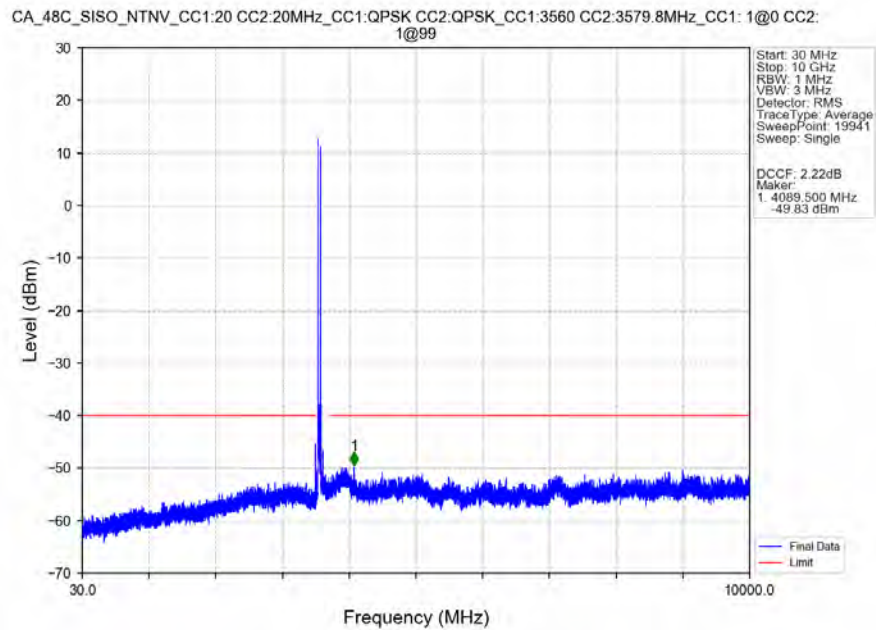


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3579.8MHz CC1: 1@0 CC2: 1@99

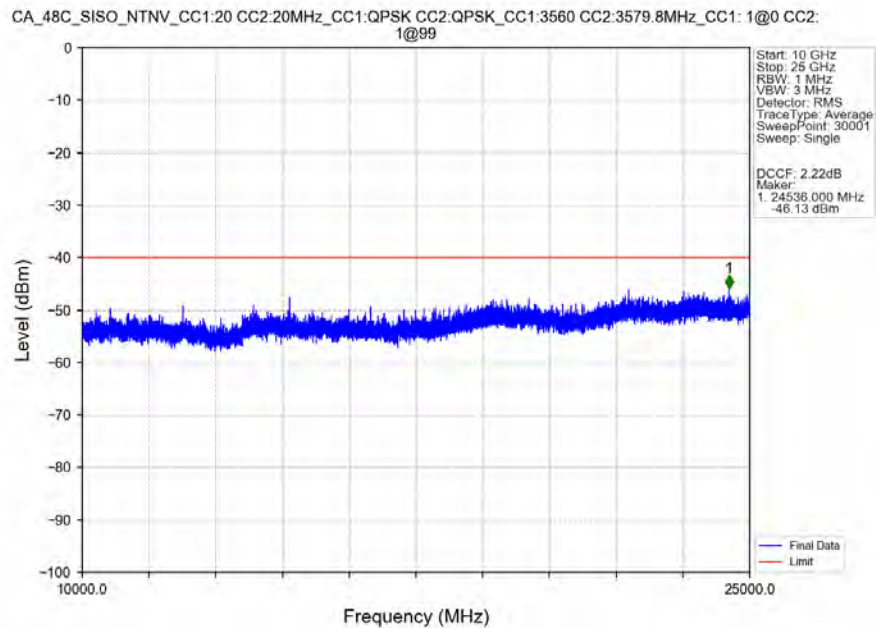


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.665   | -53.21      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3531.910   | -50.54      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3548.395   | -44.90      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.03      | /      | 4          | 3549.865   | -47.34      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.03      | /      | 5          | 3589.960   | -47.15      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3626.290   | -46.11      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3639.685   | -55.01      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3726.490   | -55.36      | -40         | Pass   |

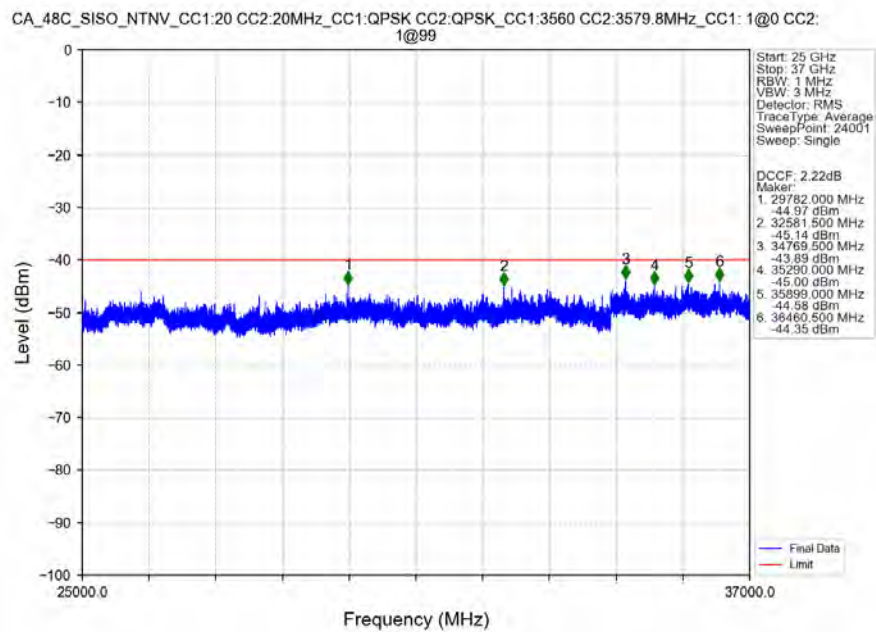
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3579.8MHz CC1: 1@0 CC2: 1@99



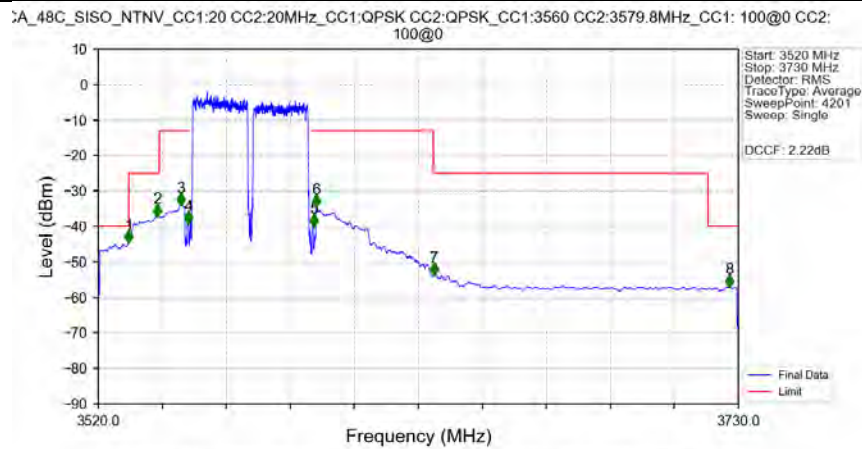
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3579.8MHz CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3579.8MHz CC1: 1@0 CC2: 1@99

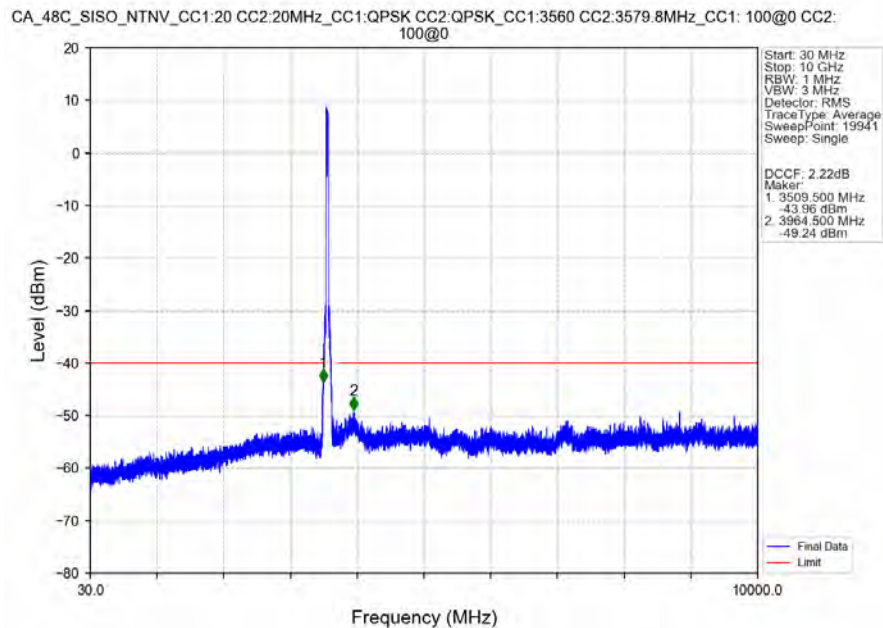


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

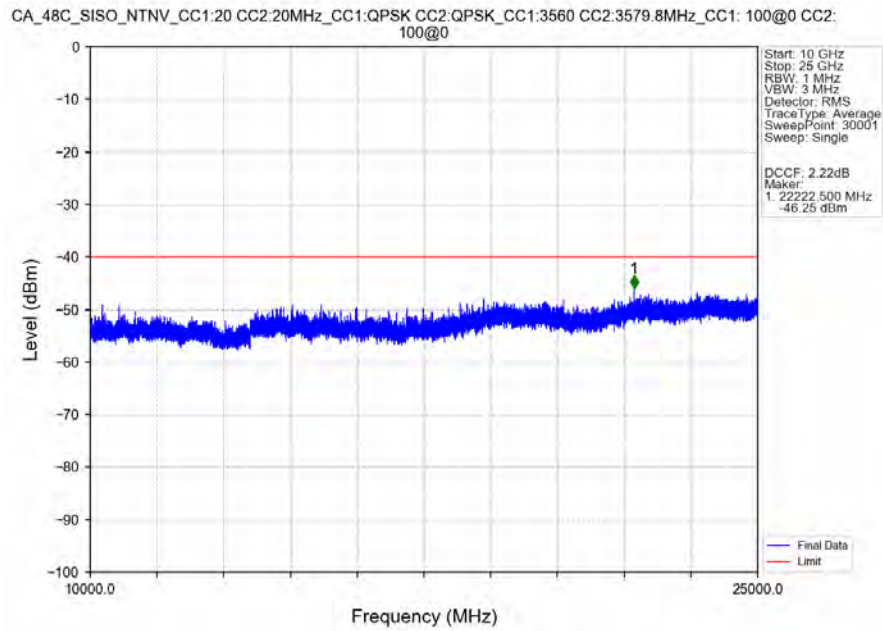


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3530.000   | -44.32      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.300   | -37.00      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3547.100   | -33.91      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.404     | CHP    | 4          | 3549.650   | -39.07      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.404     | CHP    | 5          | 3590.650   | -39.82      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3591.400   | -34.31      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3630.150   | -53.54      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3726.950   | -56.87      | -40         | Pass   |

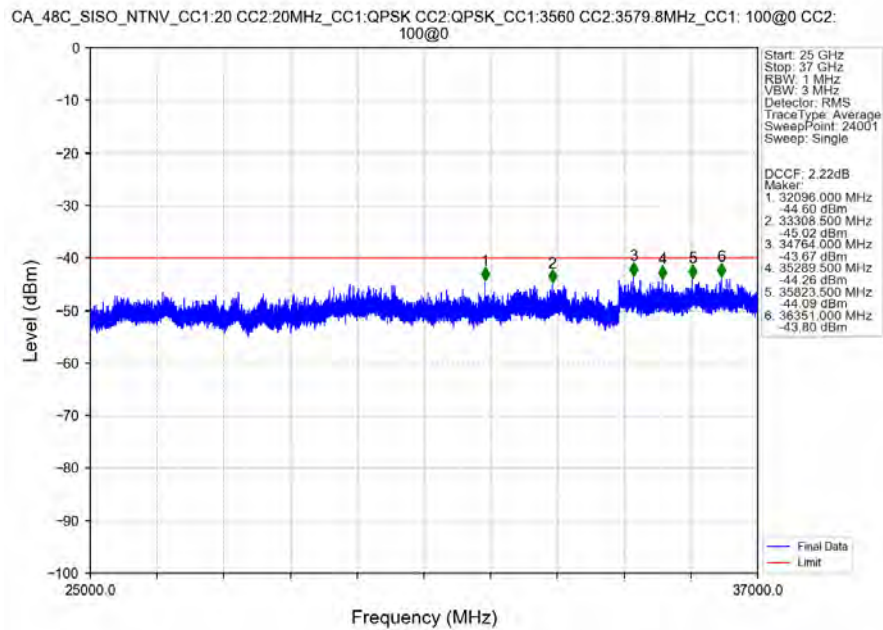
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



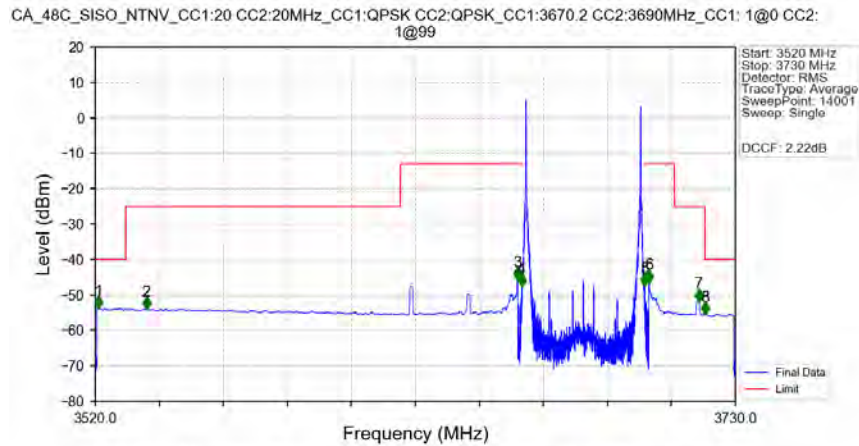
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2:  
100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2:  
100@0

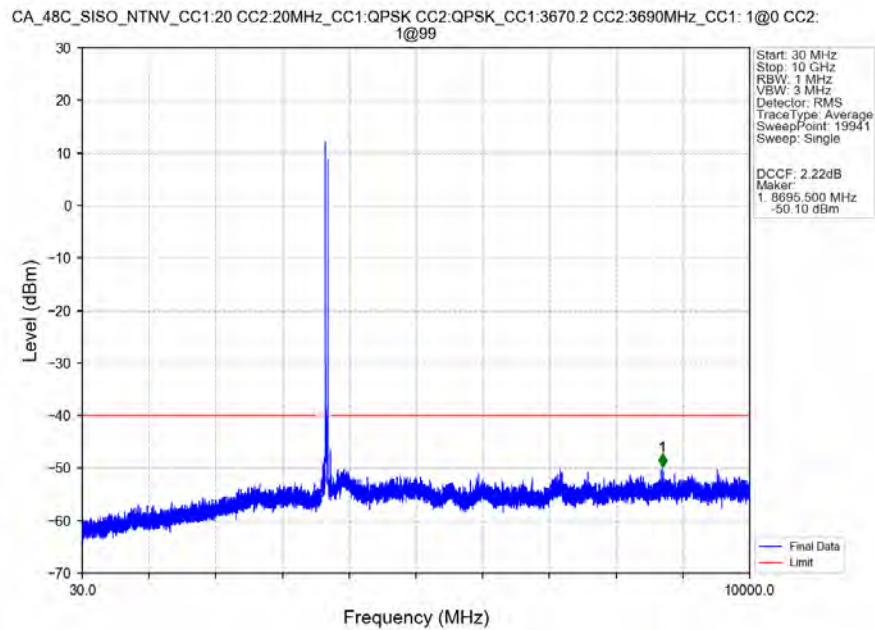


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3670.2 CC2:3690MHz CC1: 1@0 CC2: 1@99

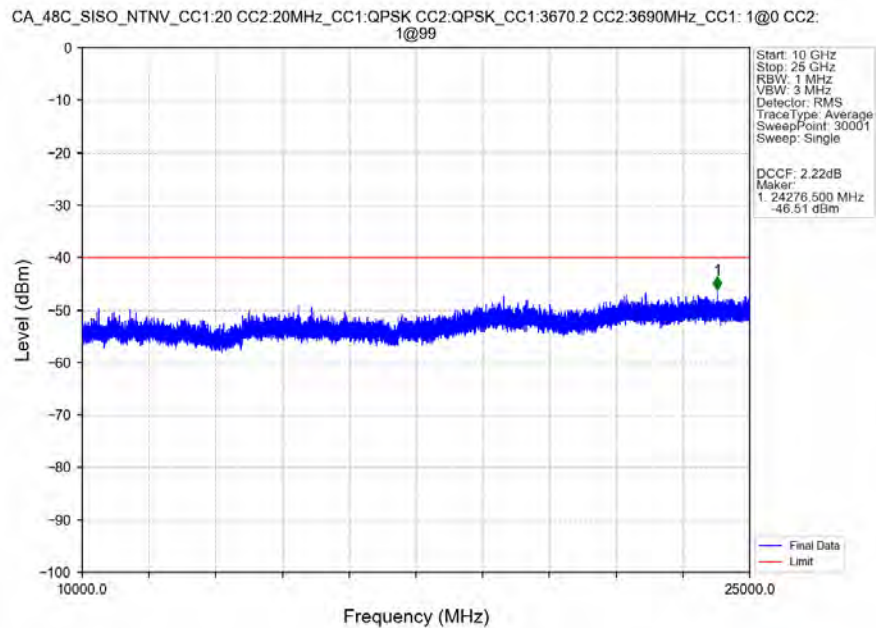


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.095   | -53.65      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3536.800   | -53.87      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.585   | -45.48      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.03      | /      | 4          | 3659.965   | -47.41      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.03      | /      | 5          | 3700.270   | -47.16      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3701.635   | -46.27      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.985   | -51.60      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.100   | -55.38      | -40         | Pass   |

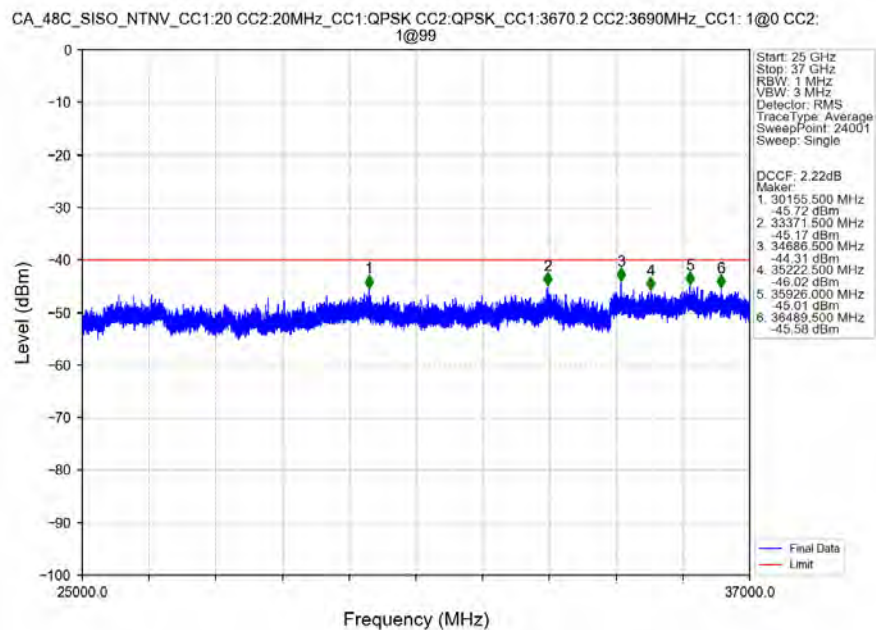
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3670.2 CC2:3690MHz CC1: 1@0 CC2: 1@99



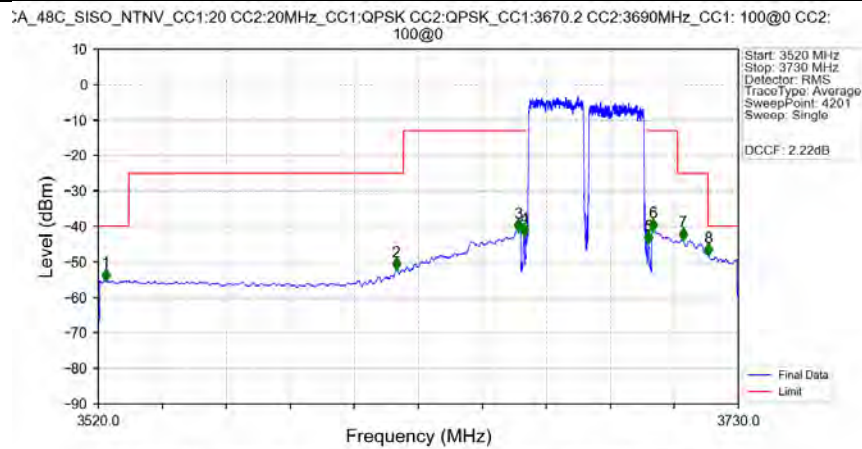
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3670.2 CC2:3690MHz CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3670.2 CC2:3690MHz CC1: 1@0 CC2: 1@99

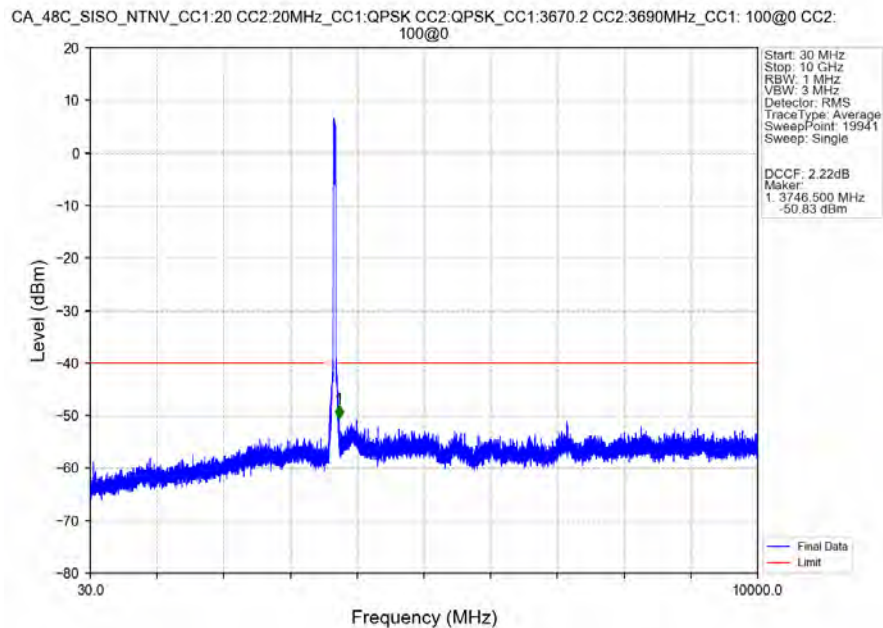


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0

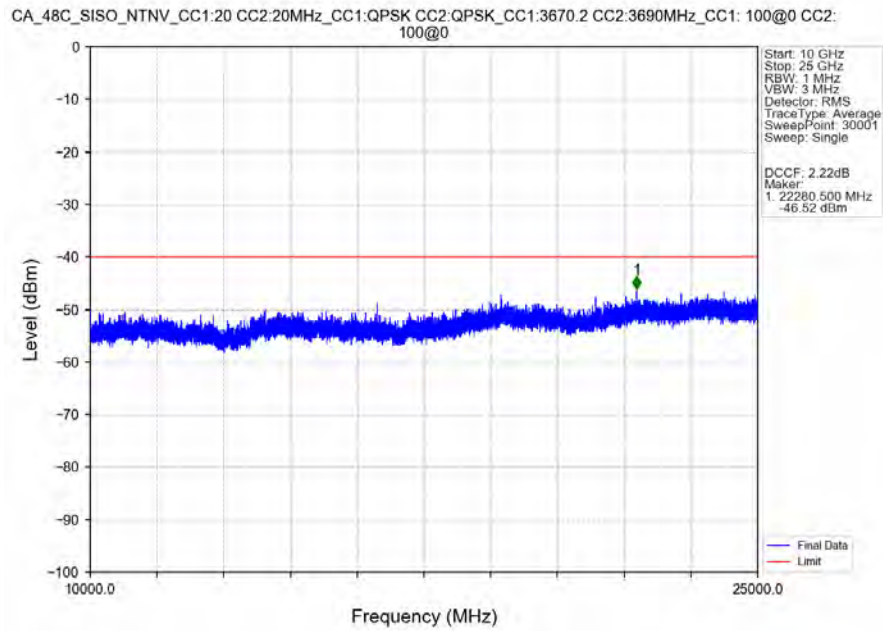


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.450   | -55.17      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3617.700   | -52.08      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3657.650   | -41.13      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.402     | CHP    | 4          | 3659.850   | -42.45      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.402     | CHP    | 5          | 3700.350   | -44.67      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3702.050   | -41.07      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3711.800   | -43.67      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.050   | -48.06      | -40         | Pass   |

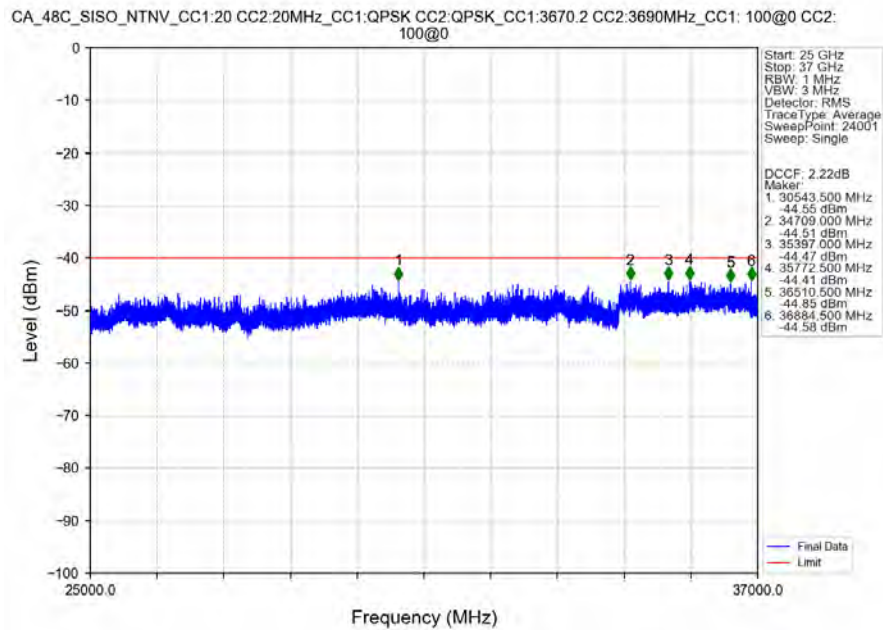
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0



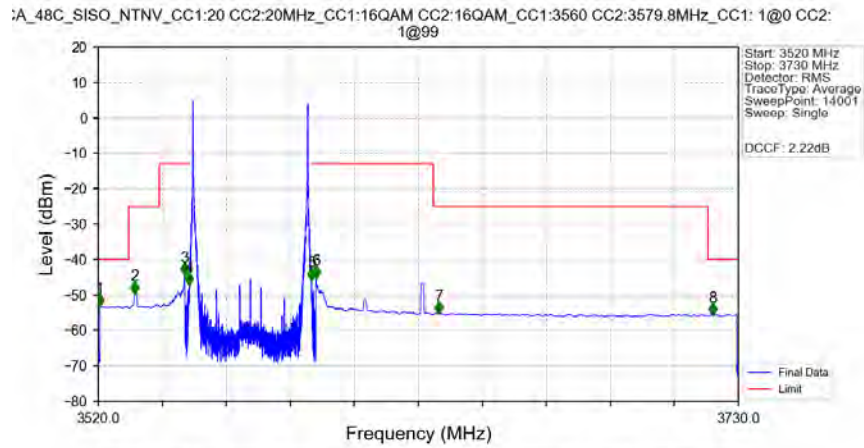
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0

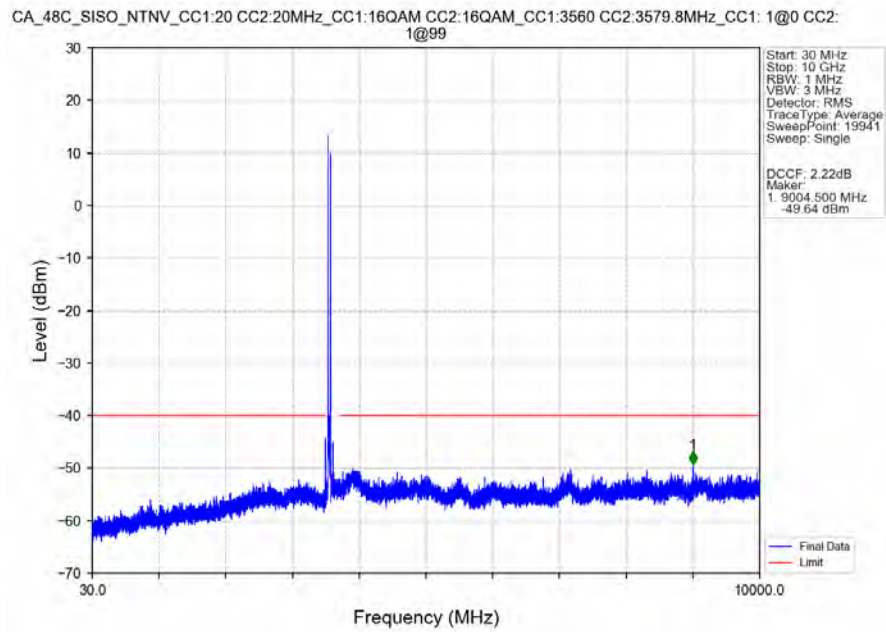


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99

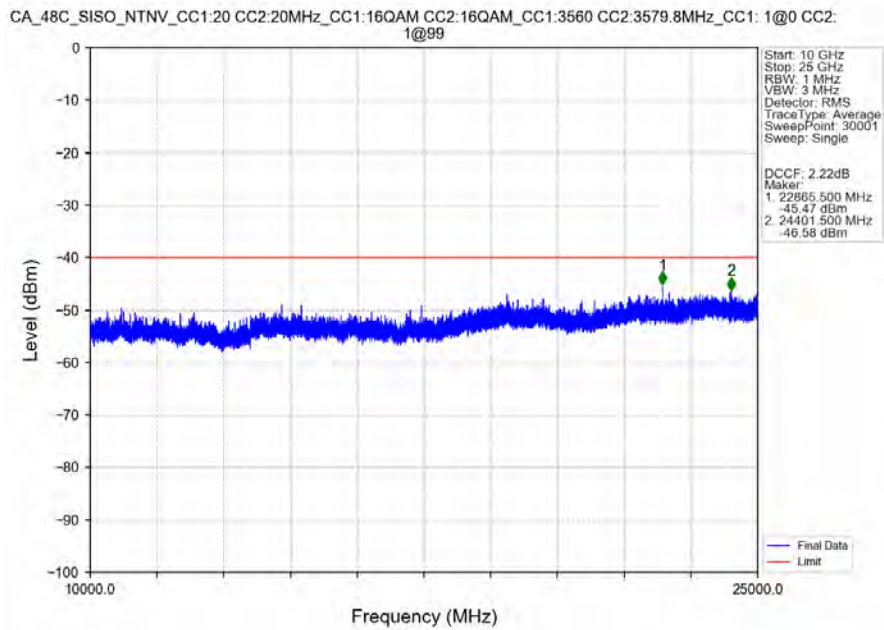


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3520.510   | -52.98      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3531.955   | -49.47      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3548.380   | -44.20      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.03      | /      | 4          | 3549.880   | -46.98      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.03      | /      | 5          | 3589.930   | -45.64      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3591.430   | -45.13      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3631.780   | -55.06      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3721.495   | -55.51      | -40         | Pass   |

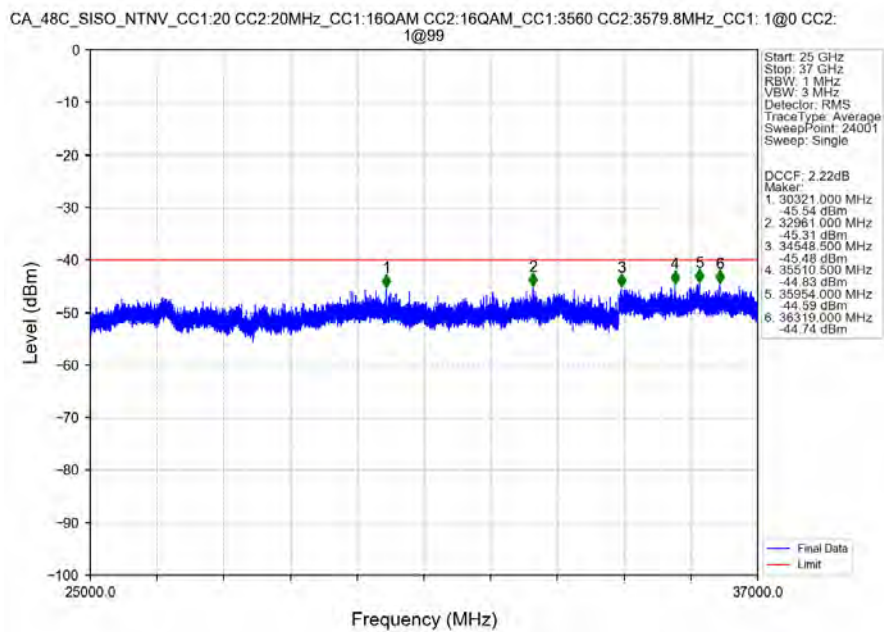
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



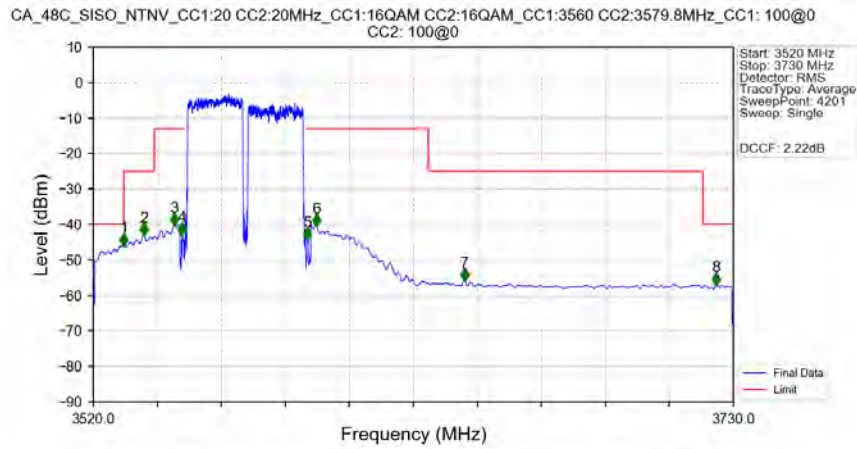
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99

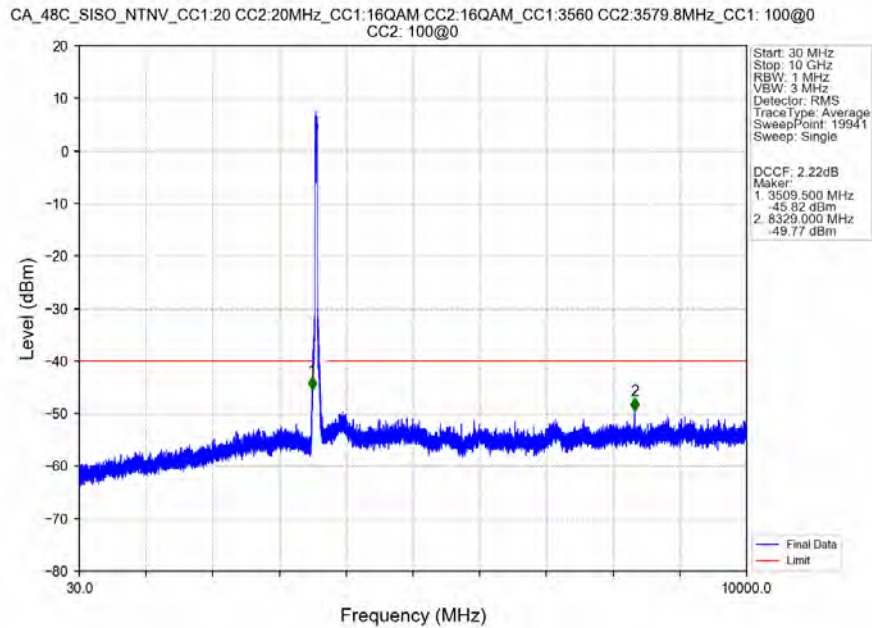


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

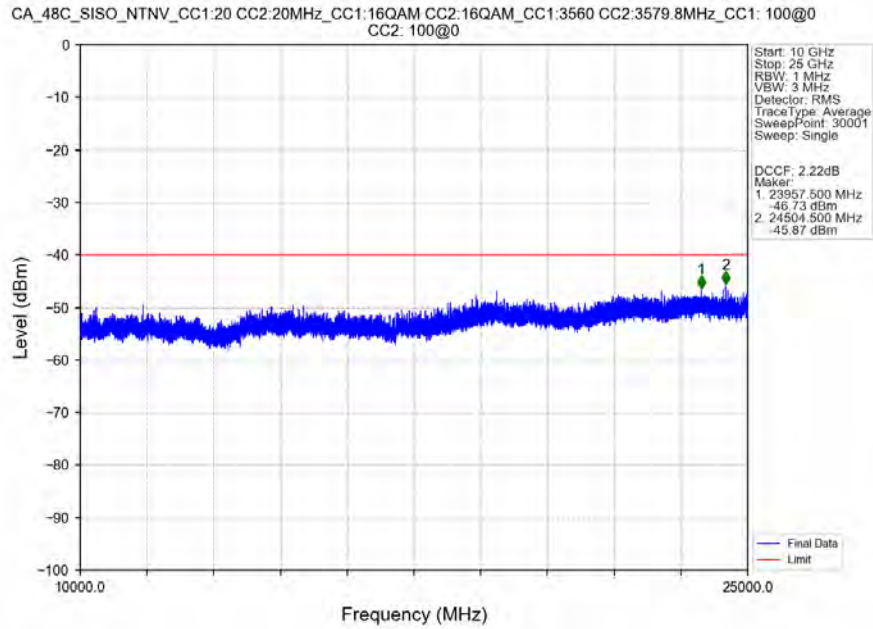


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3530.000   | -45.79      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3536.600   | -42.89      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3546.650   | -40.11      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.401     | CHP    | 4          | 3549.150   | -42.80      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.401     | CHP    | 5          | 3590.150   | -44.17      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3593.250   | -40.37      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3641.950   | -55.67      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.350   | -56.92      | -40         | Pass   |

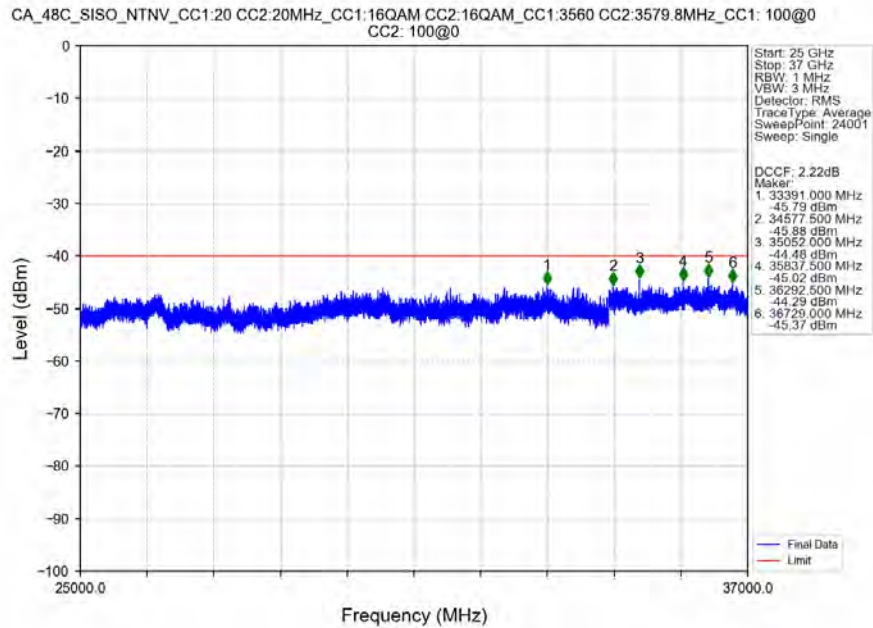
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



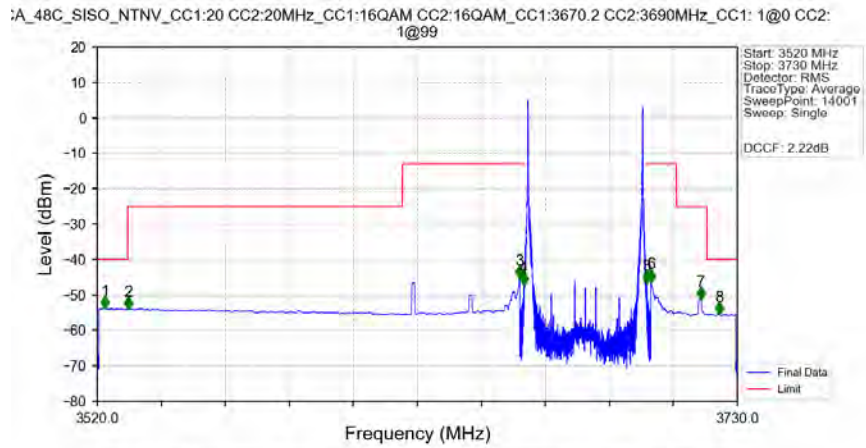
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

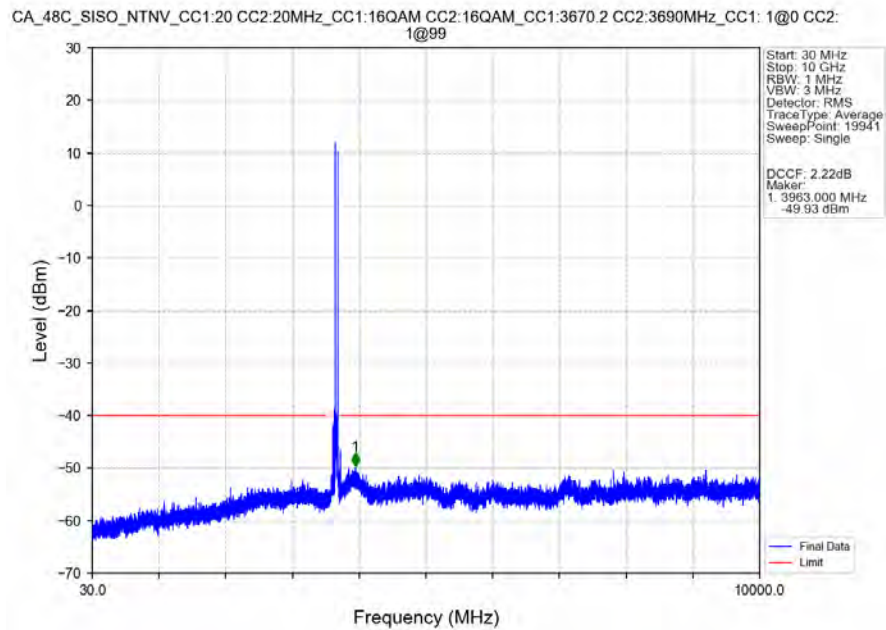


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99

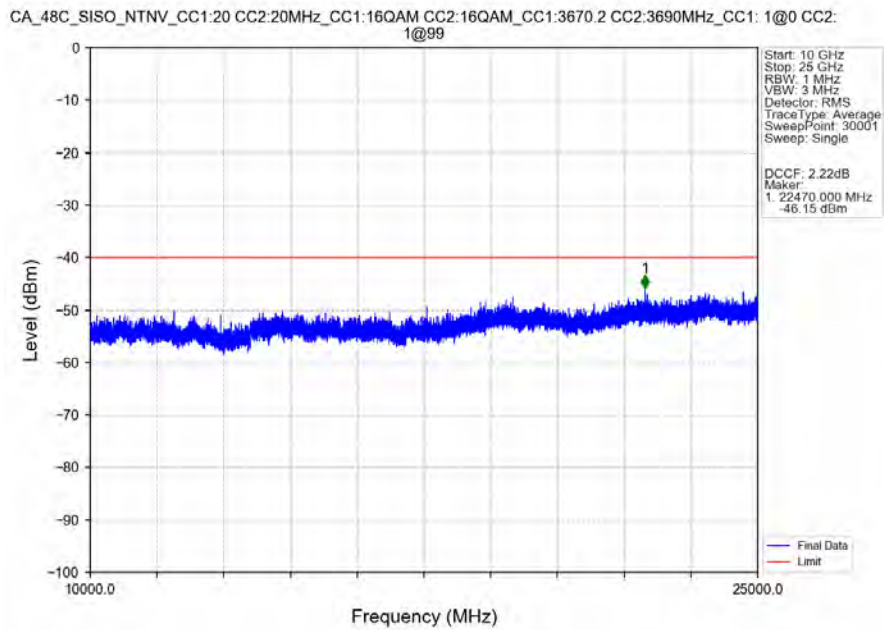


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.565   | -53.68      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3530.155   | -53.77      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.585   | -45.06      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.03      | /      | 4          | 3659.995   | -46.94      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.03      | /      | 5          | 3700.180   | -46.58      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3701.605   | -46.06      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.985   | -50.99      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.015   | -55.39      | -40         | Pass   |

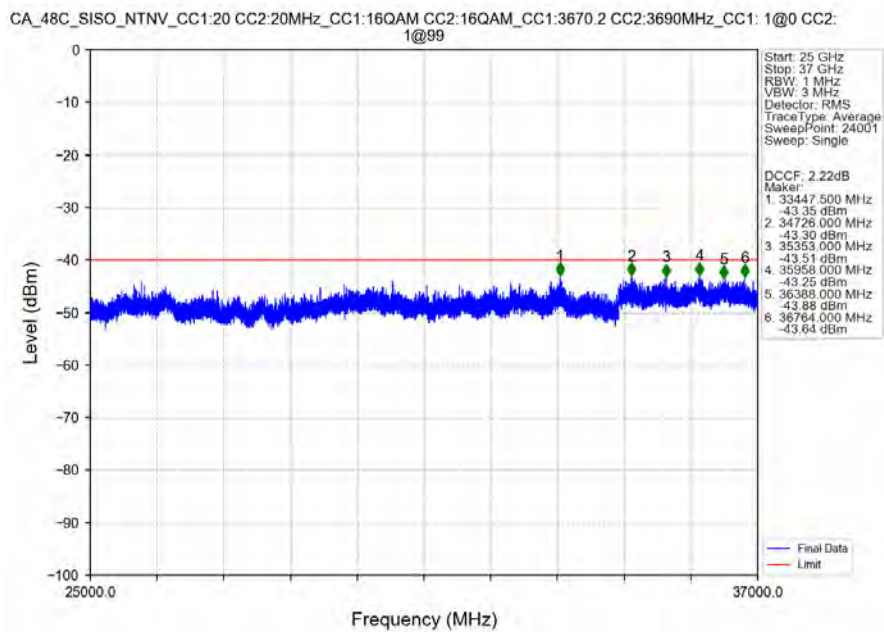
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



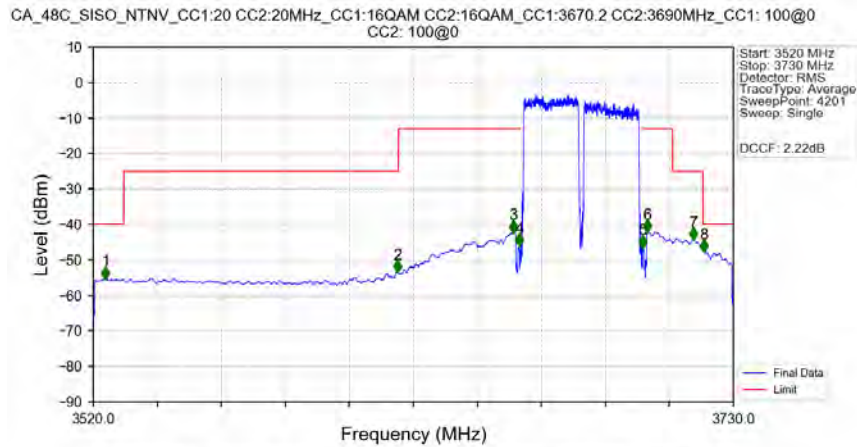
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99

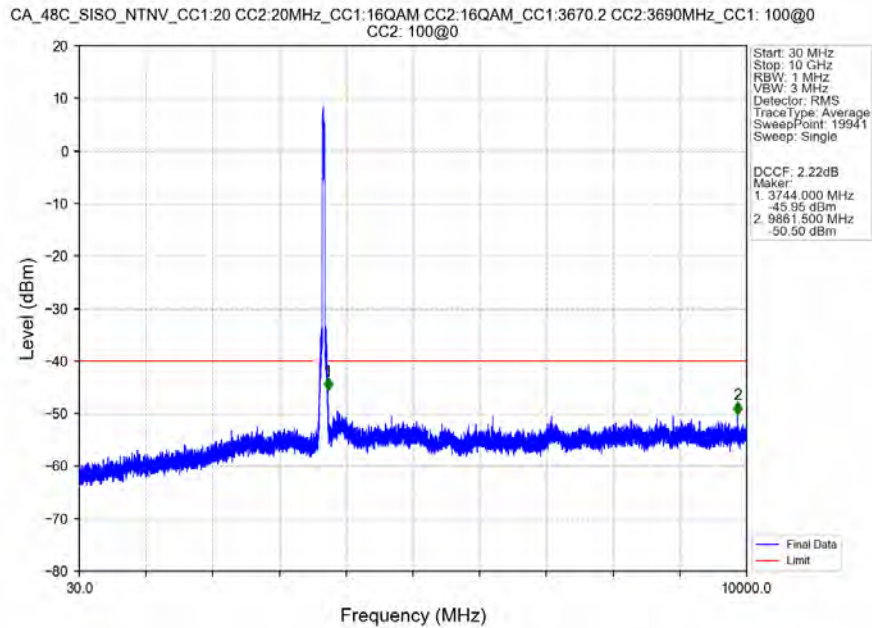


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0

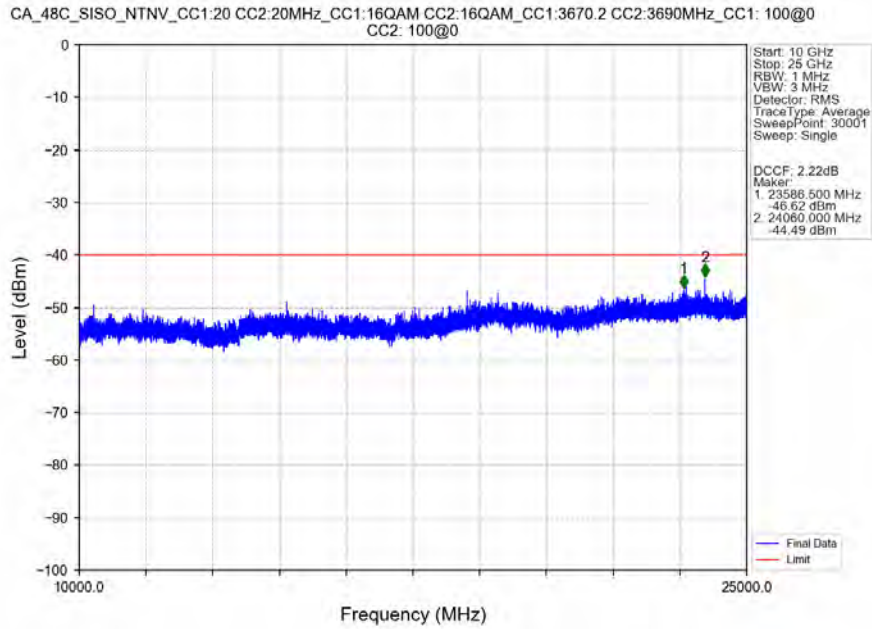


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.050   | -55.17      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3619.800   | -53.35      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3657.800   | -42.15      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.4       | CHP    | 4          | 3659.850   | -45.94      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.4       | CHP    | 5          | 3700.300   | -46.43      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3701.700   | -42.01      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3716.950   | -44.13      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.350   | -47.63      | -40         | Pass   |

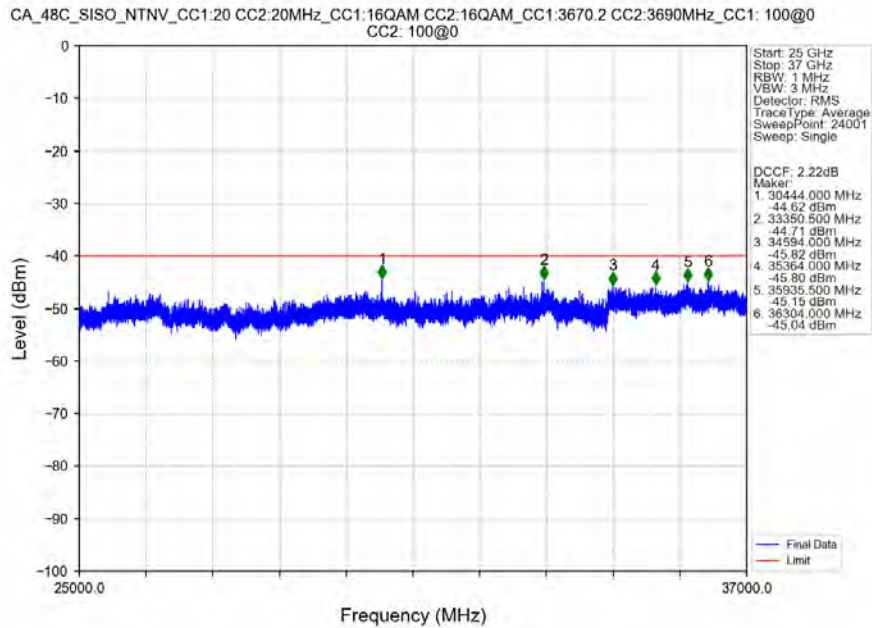
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0



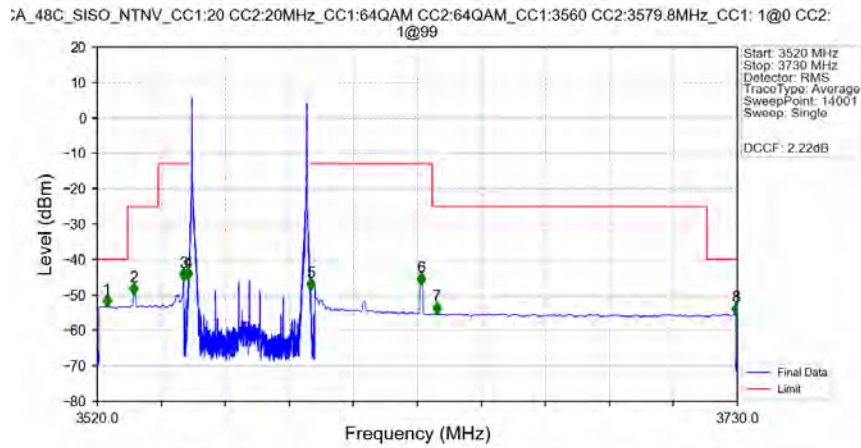
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0

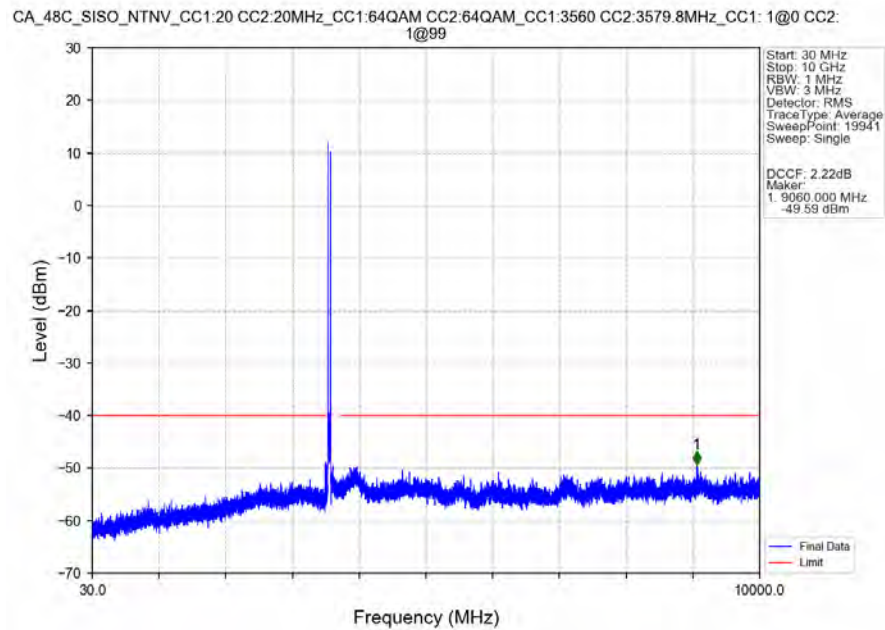


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99

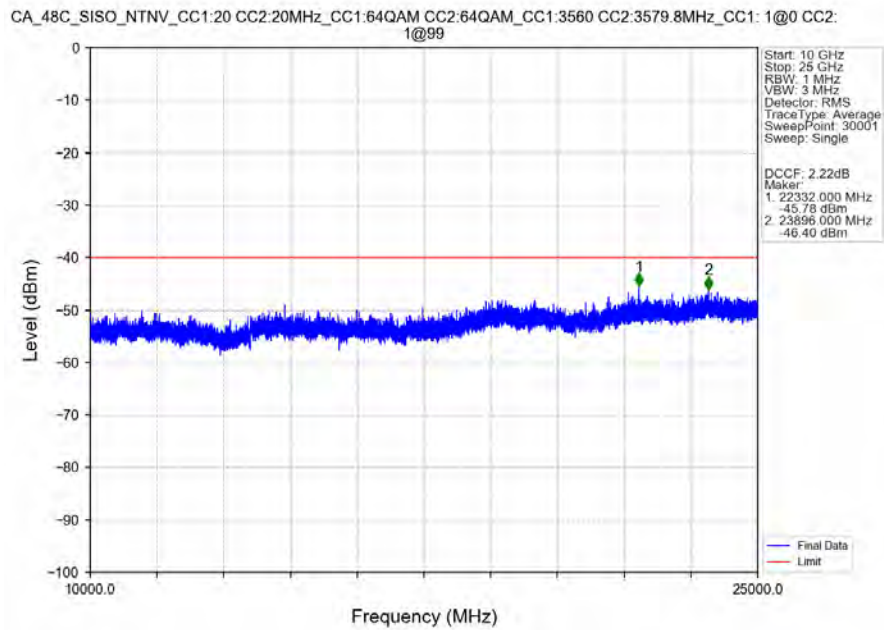


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.180   | -53.16      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3531.925   | -49.84      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3548.395   | -45.78      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.03      | /      | 4          | 3549.865   | -45.53      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.03      | /      | 5          | 3589.915   | -48.53      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3626.275   | -46.97      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3631.405   | -55.25      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.490   | -55.41      | -40         | Pass   |

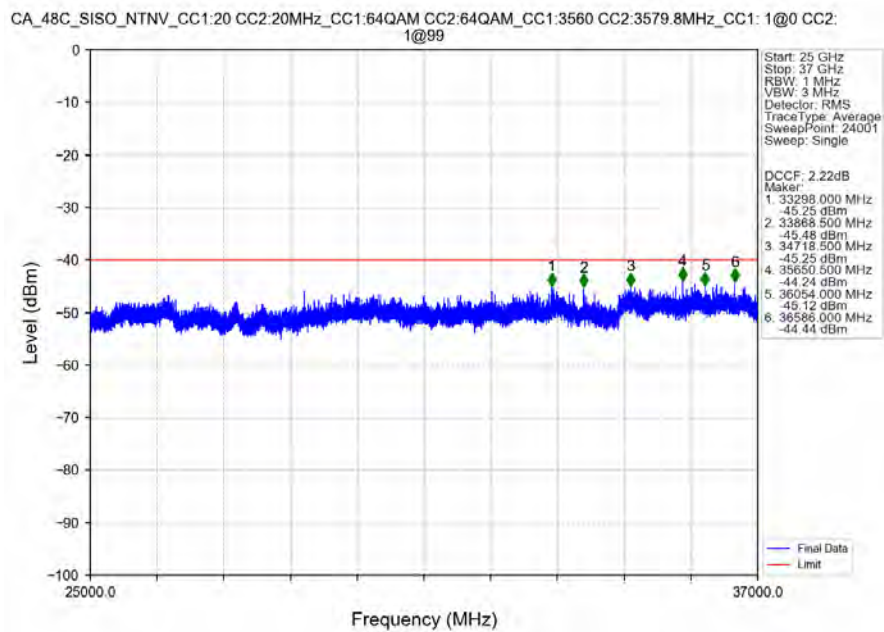
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



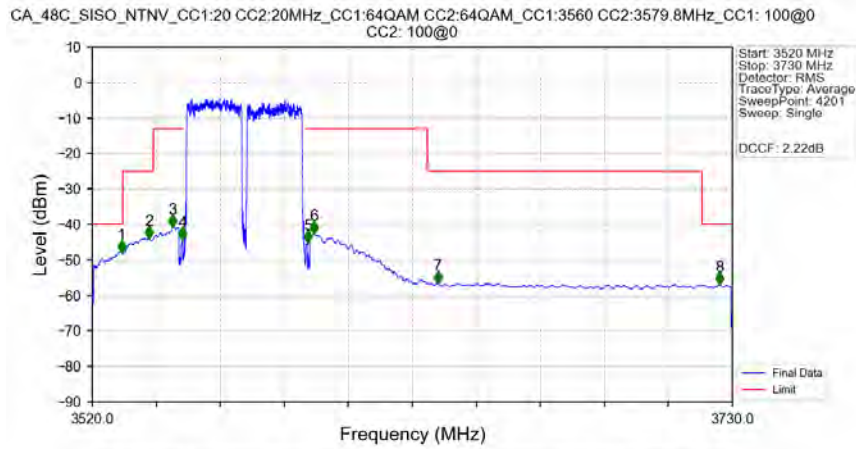
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



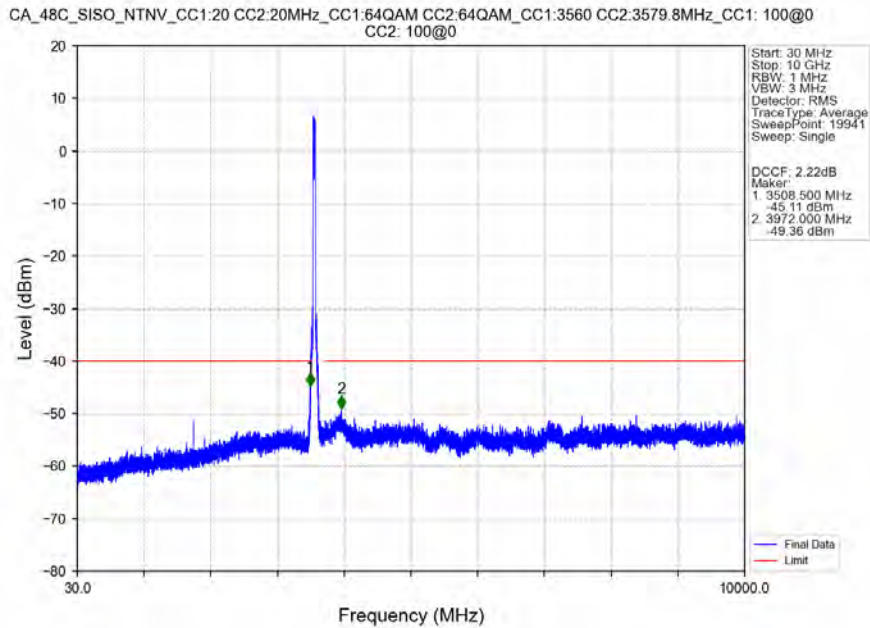
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



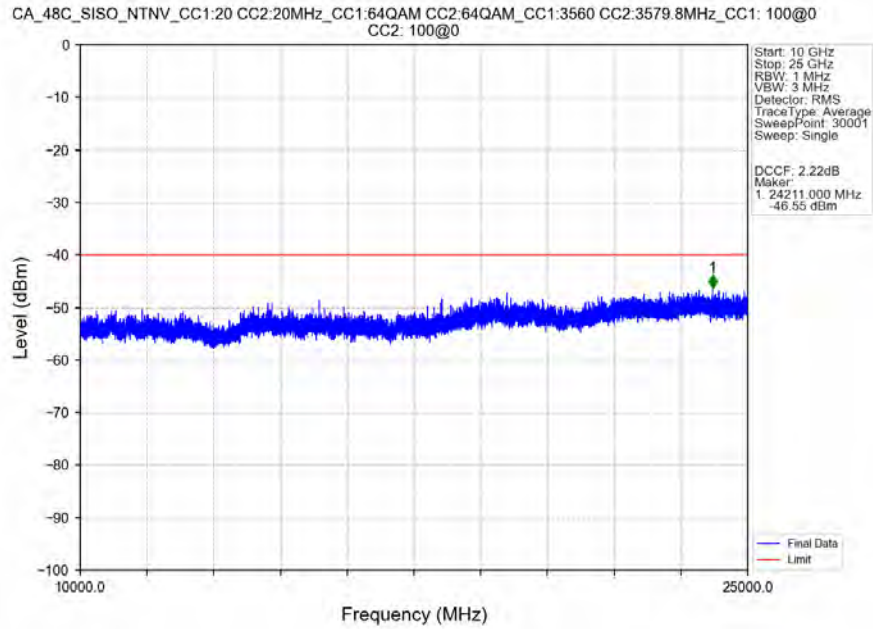
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



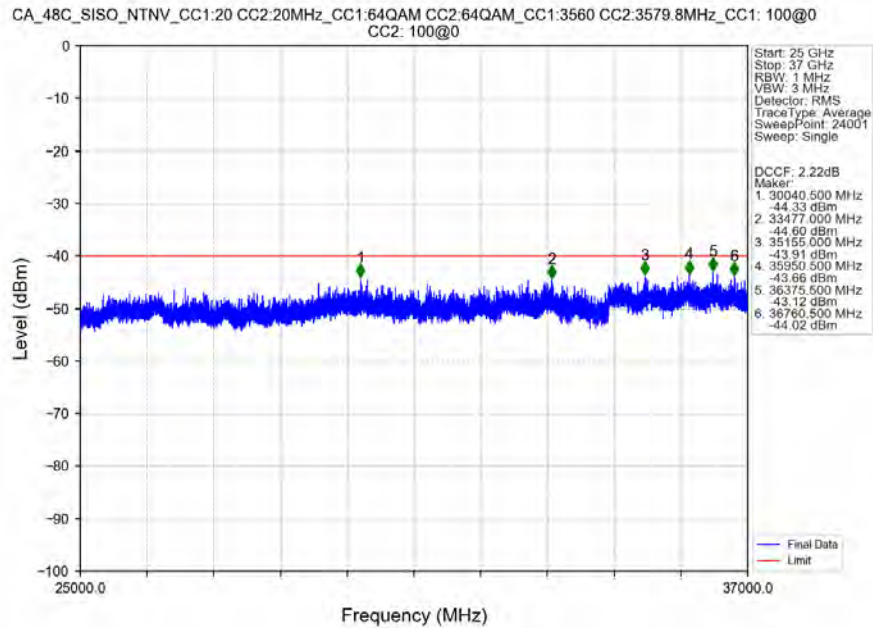
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



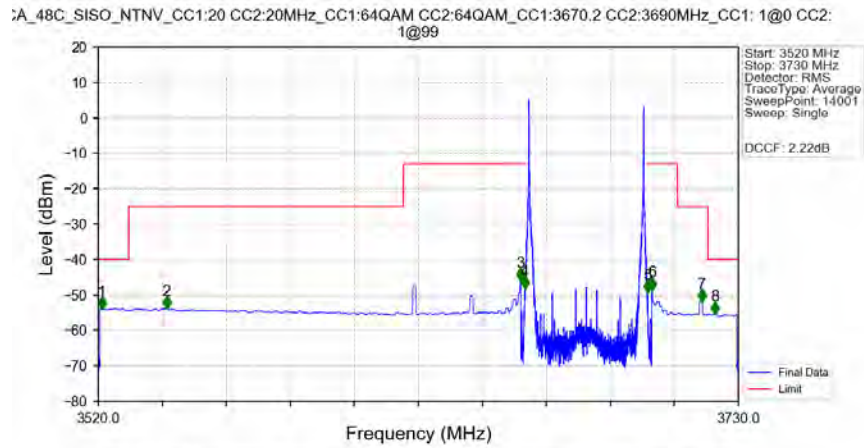
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

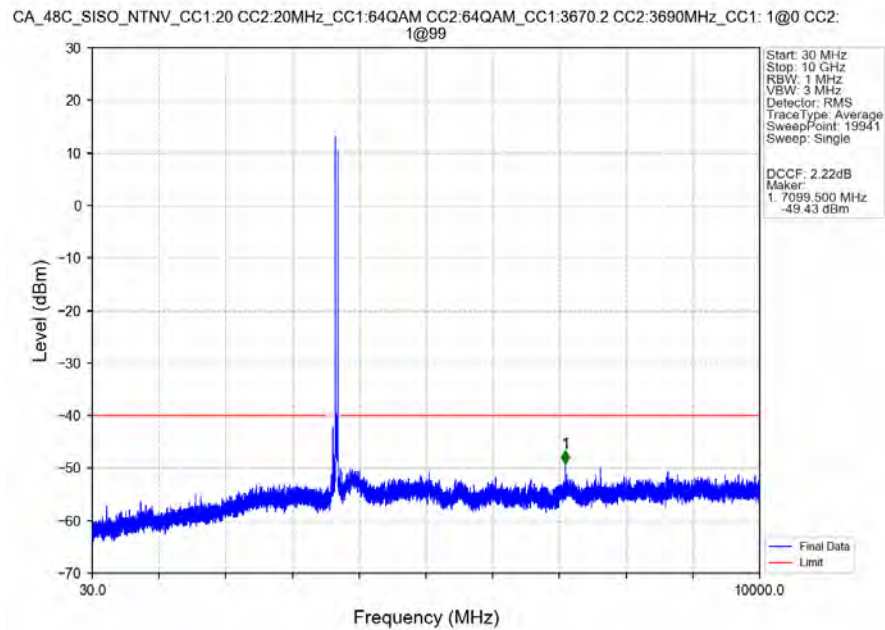


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99

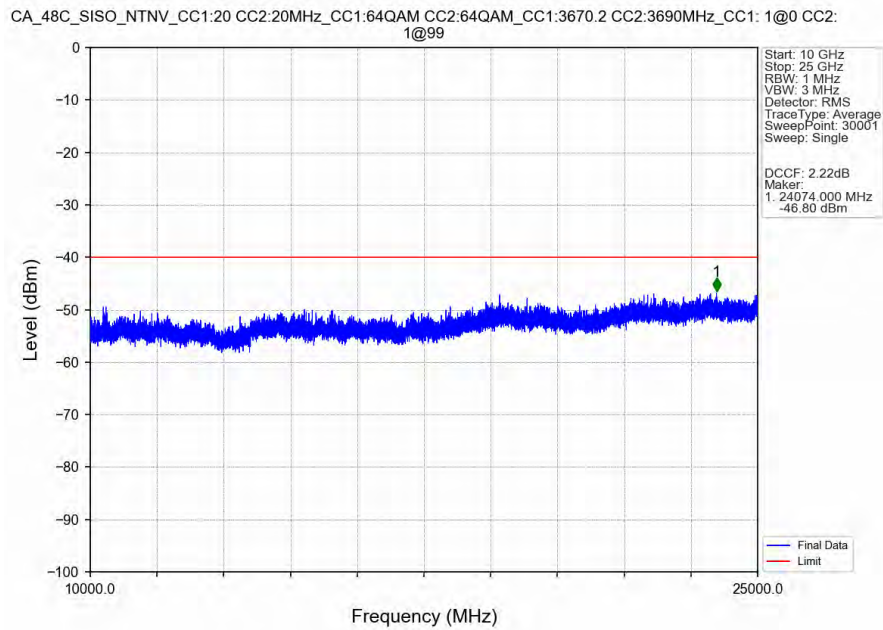


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.215   | -53.78      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3542.485   | -53.68      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.540   | -45.78      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.03      | /      | 4          | 3660.010   | -48.10      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.03      | /      | 5          | 3700.105   | -49.09      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3701.605   | -48.41      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3718.015   | -51.64      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3722.245   | -55.20      | -40         | Pass   |

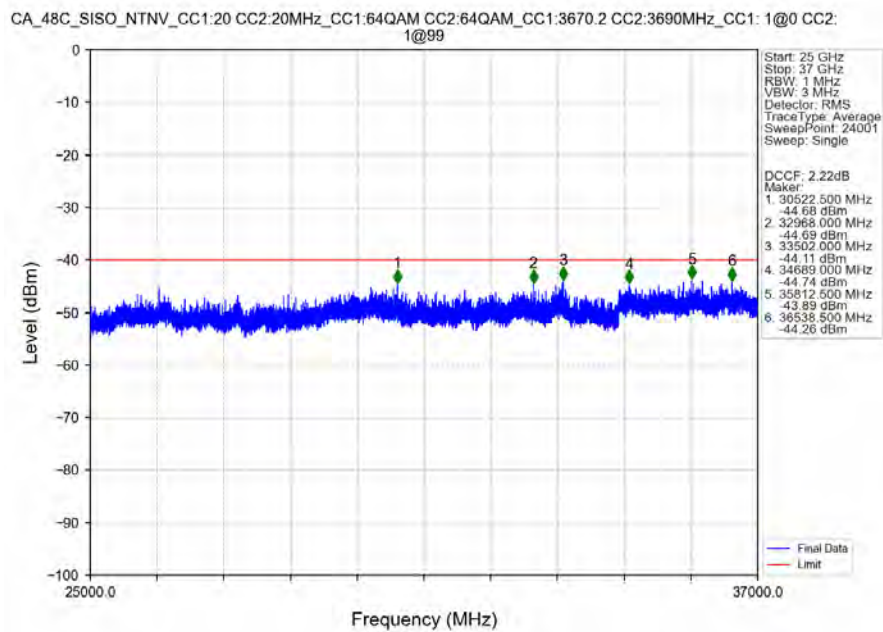
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



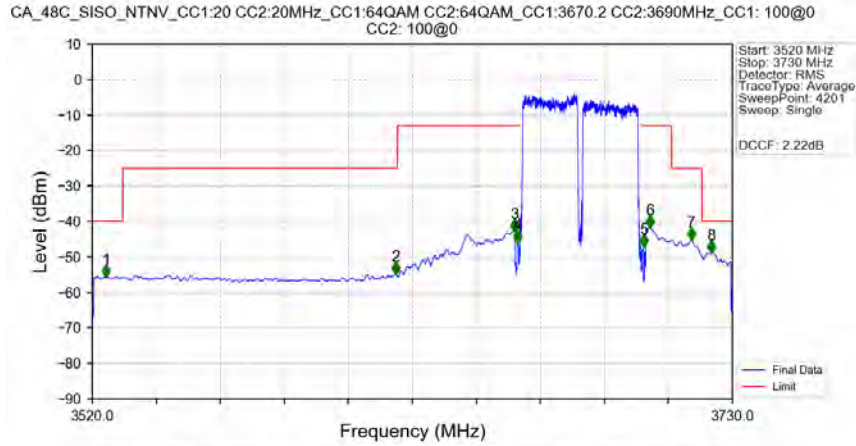
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99

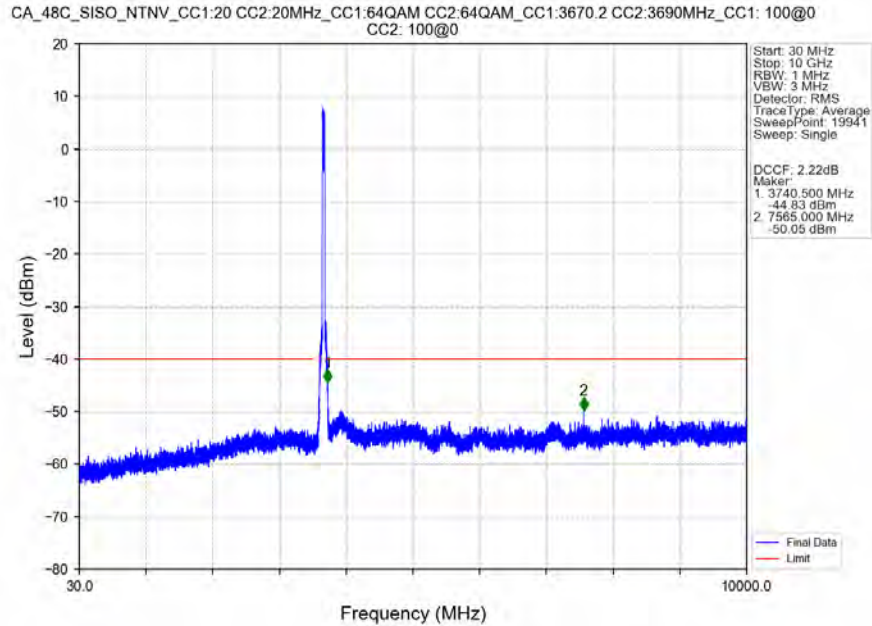


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0

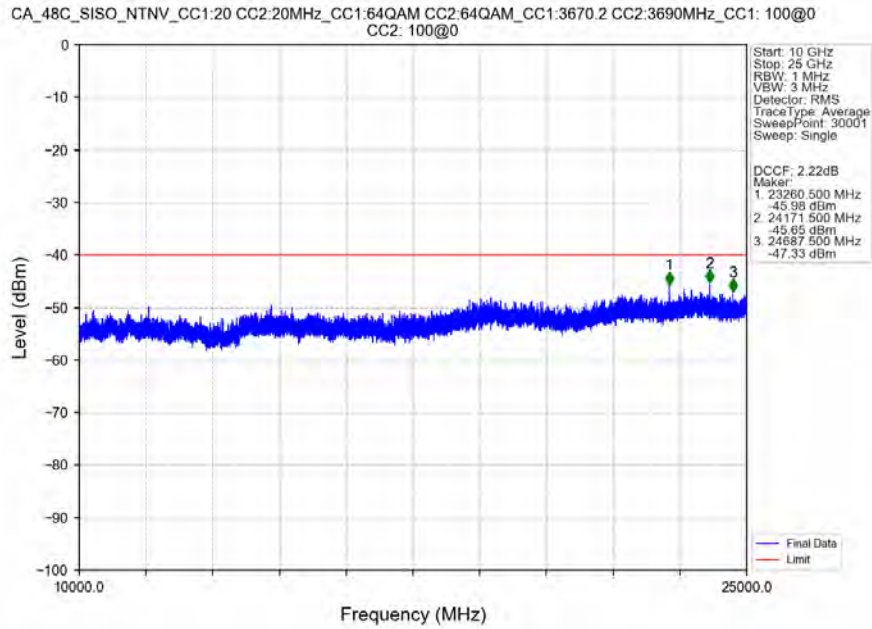


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.550   | -55.54      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3619.550   | -54.68      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.450   | -42.73      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.402     | CHP    | 4          | 3659.550   | -45.75      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.402     | CHP    | 5          | 3700.850   | -46.99      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3702.950   | -41.55      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3716.550   | -44.99      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.100   | -48.68      | -40         | Pass   |

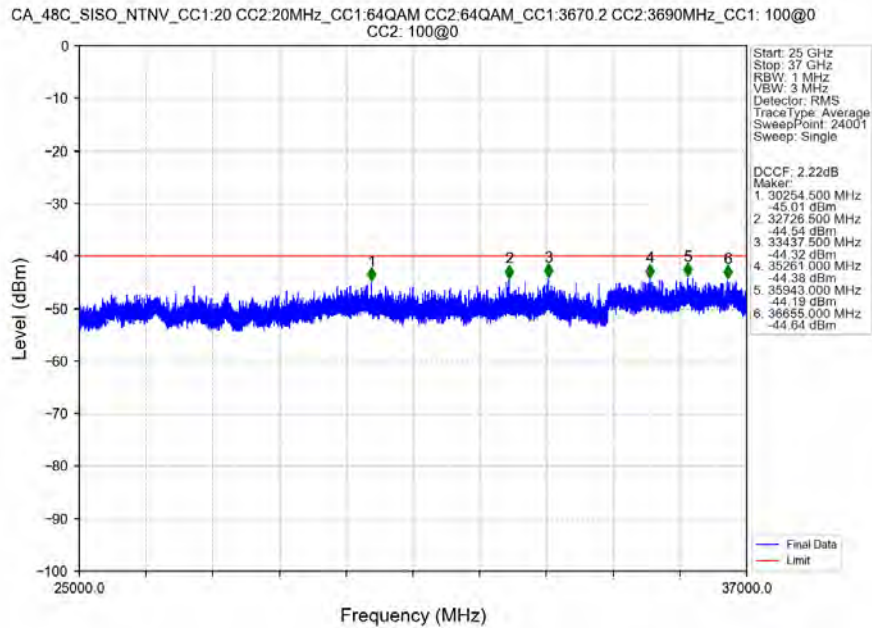
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0



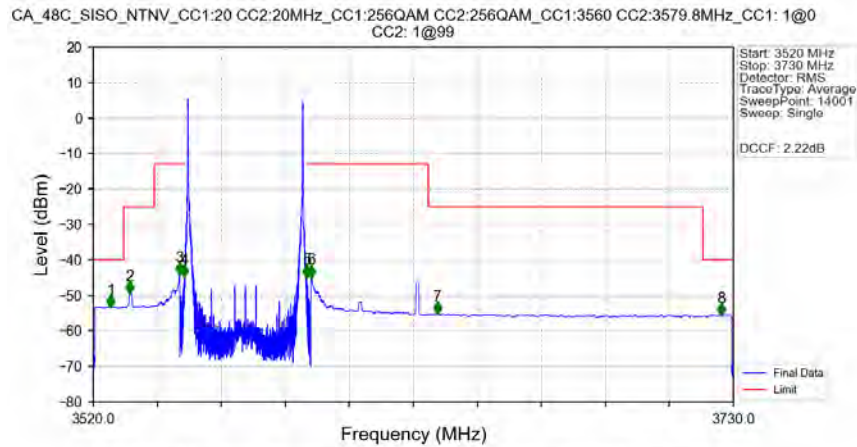
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0

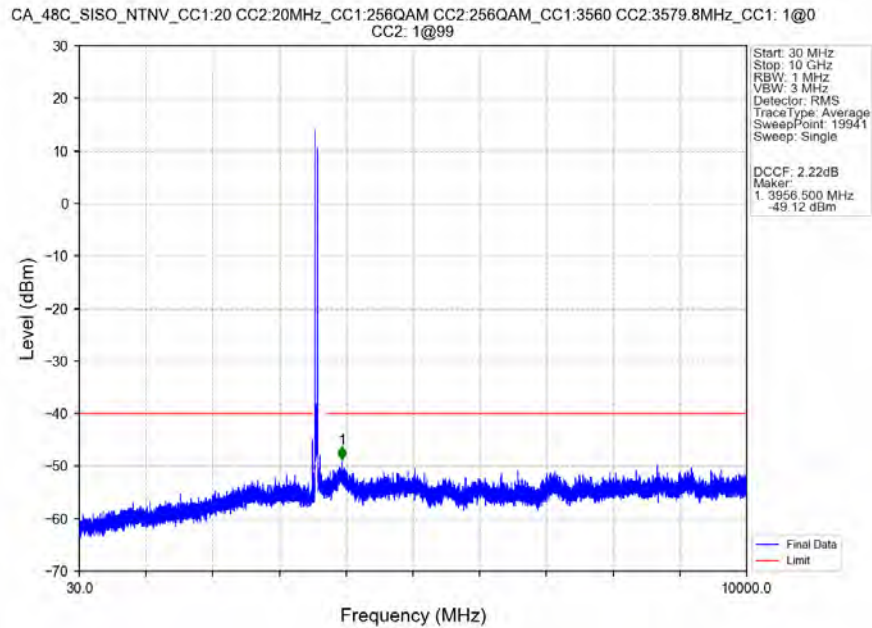


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99

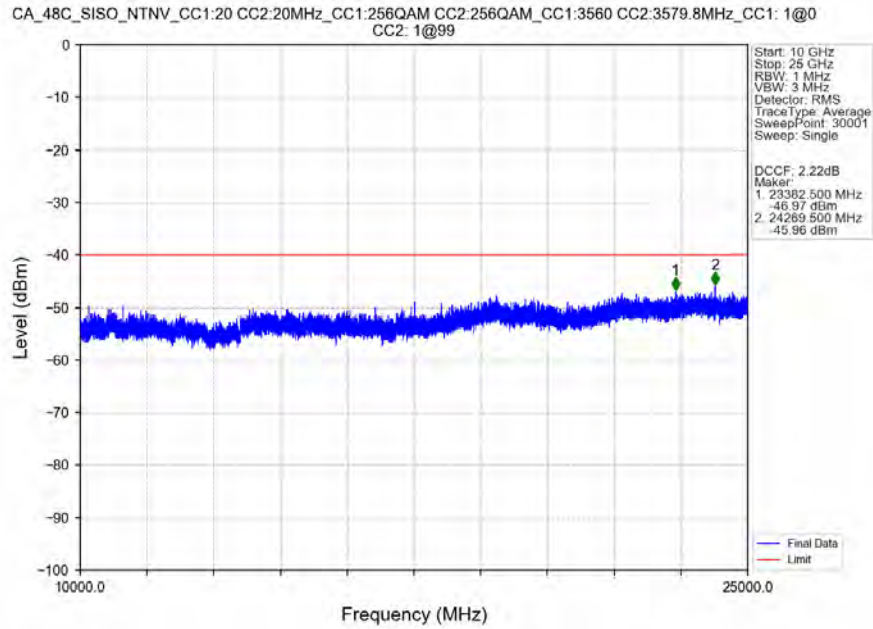


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3525.790   | -53.13      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3531.925   | -49.38      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3548.305   | -43.95      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.03      | /      | 4          | 3549.880   | -44.58      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.03      | /      | 5          | 3589.990   | -44.78      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3591.415   | -44.77      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3632.875   | -55.16      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3725.950   | -55.55      | -40         | Pass   |

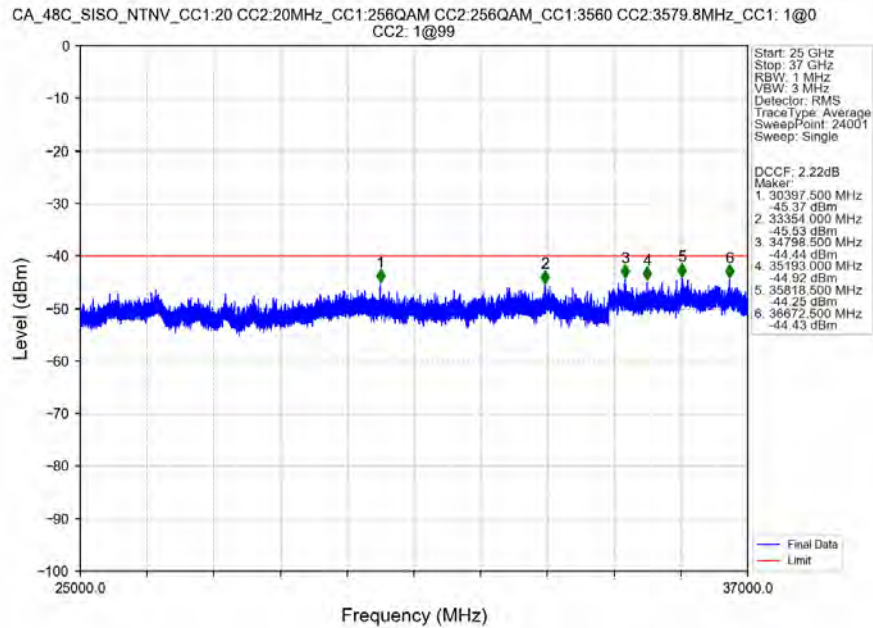
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



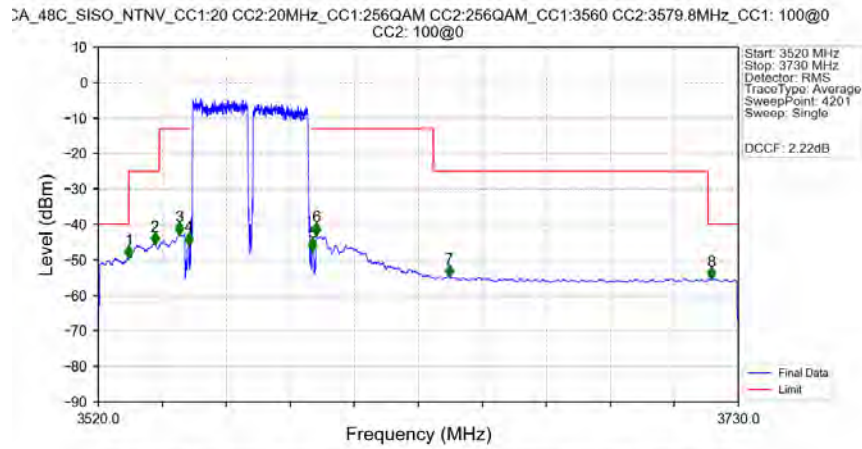
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99

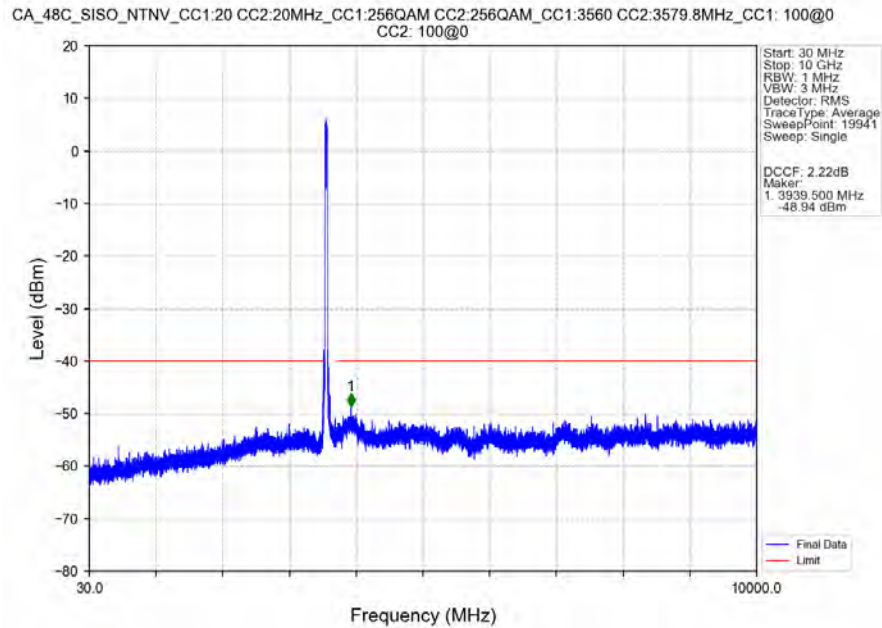


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

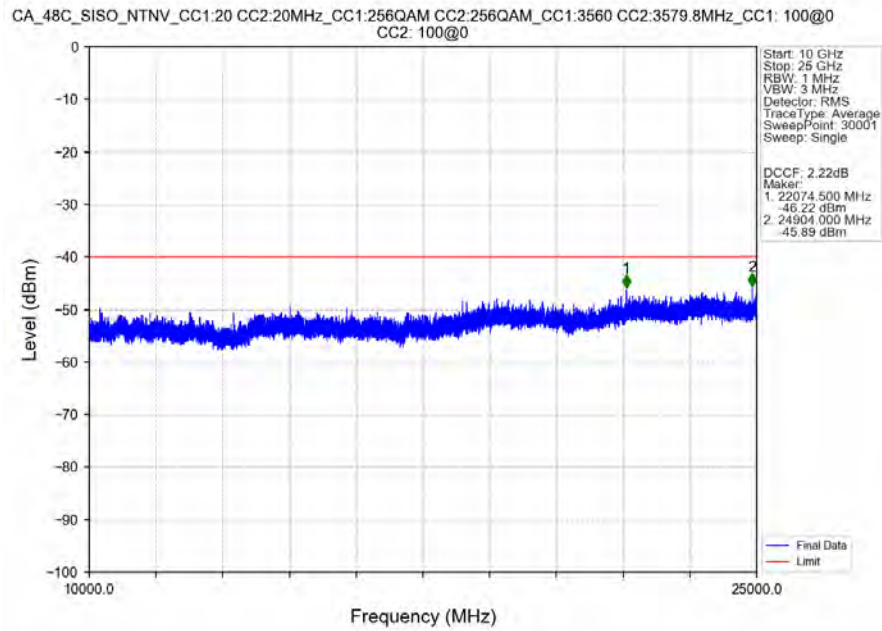


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.950   | -49.21      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3538.500   | -45.48      | -25         | Pass   |
| 3540        | 3548.9     | 1         | CHP    | 3          | 3546.600   | -42.66      | -13         | Pass   |
| 3548.9      | 3549.9     | 0.4       | CHP    | 4          | 3549.700   | -45.57      | -13         | Pass   |
| 3549.9      | 3589.9     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3589.9      | 3590.9     | 0.4       | CHP    | 5          | 3590.150   | -47.20      | -13         | Pass   |
| 3590.9      | 3629.9     | 1         | CHP    | 6          | 3591.400   | -42.81      | -13         | Pass   |
| 3629.9      | 3720       | 1         | CHP    | 7          | 3635.100   | -54.64      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3721.000   | -55.34      | -40         | Pass   |

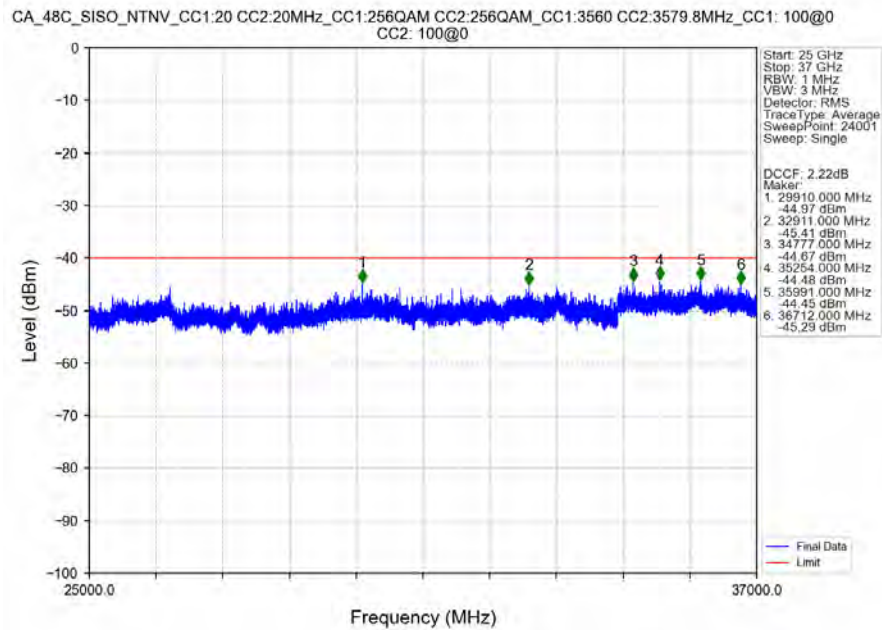
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



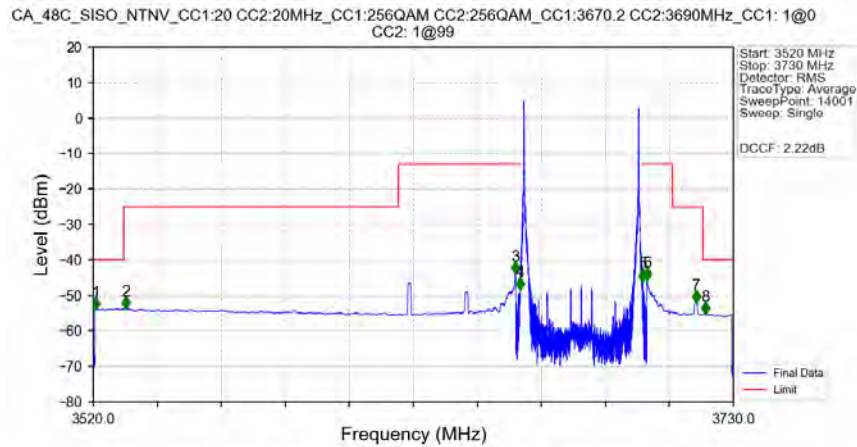
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

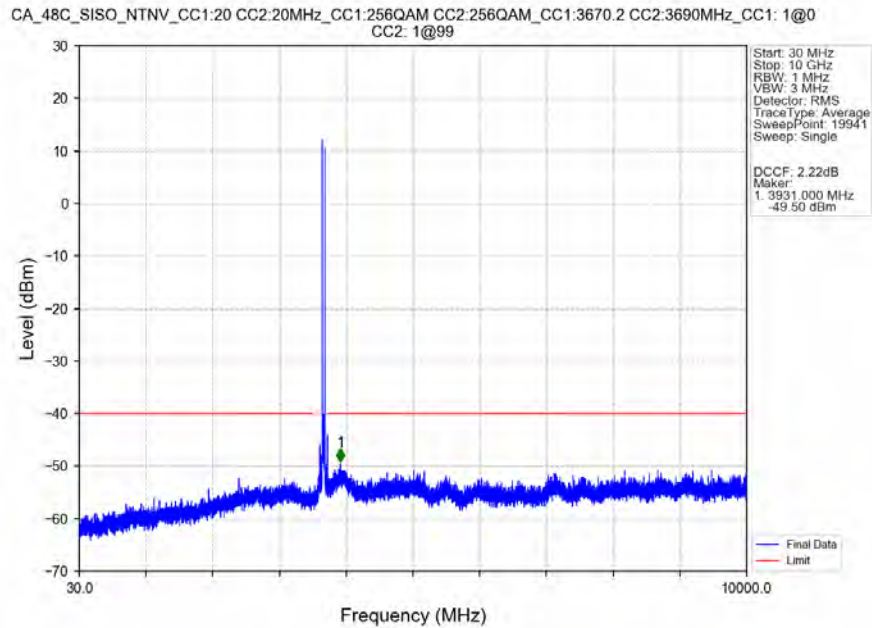


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99

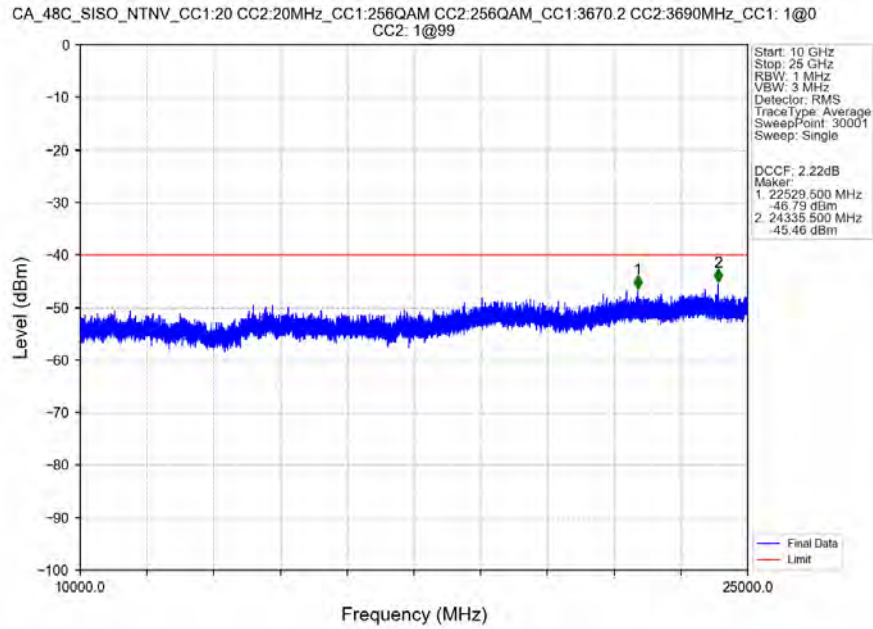


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3520.765   | -53.77      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3530.695   | -53.68      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.600   | -43.82      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.03      | /      | 4          | 3660.085   | -48.20      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.03      | /      | 5          | 3700.225   | -45.80      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3701.605   | -45.46      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.895   | -51.92      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.805   | -55.06      | -40         | Pass   |

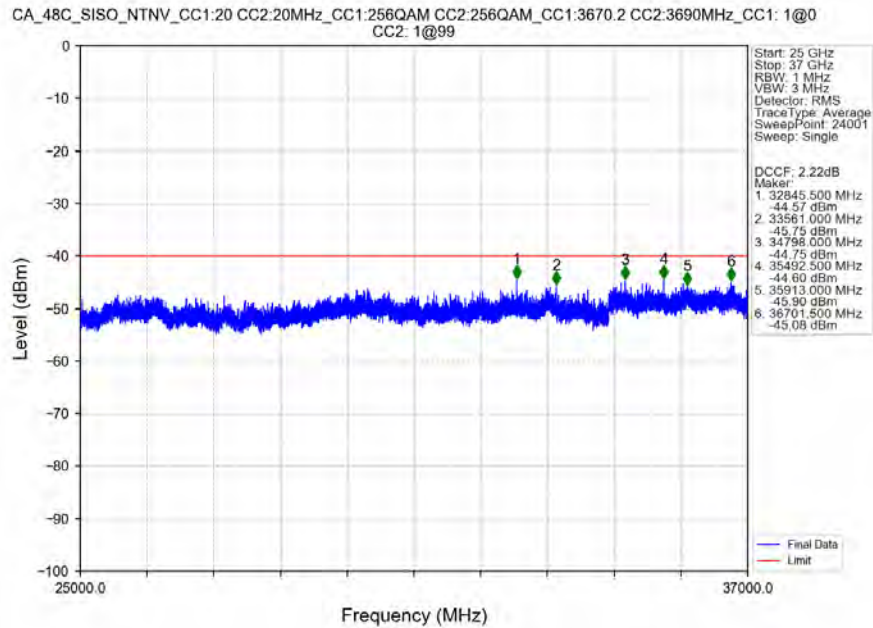
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



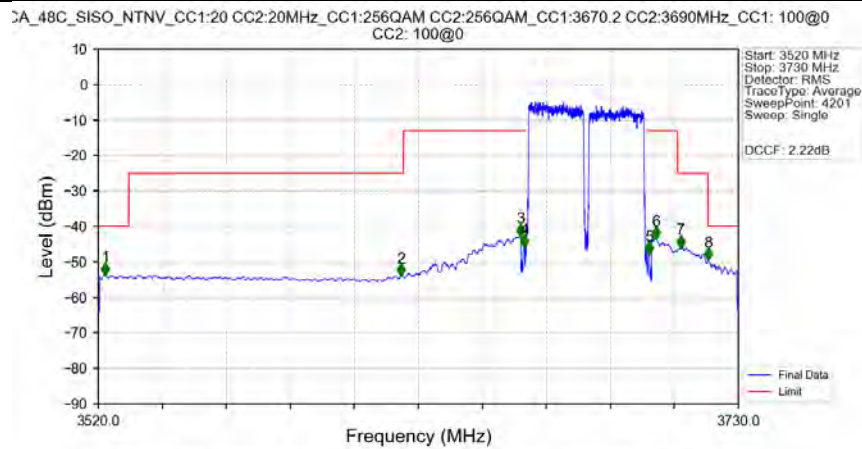
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2:  
1@99



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2:  
1@99

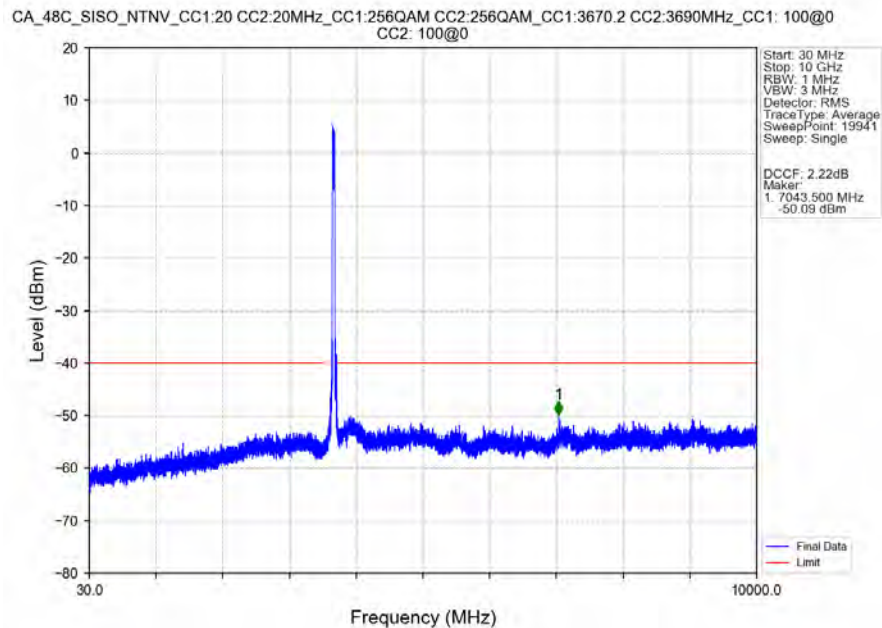


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0

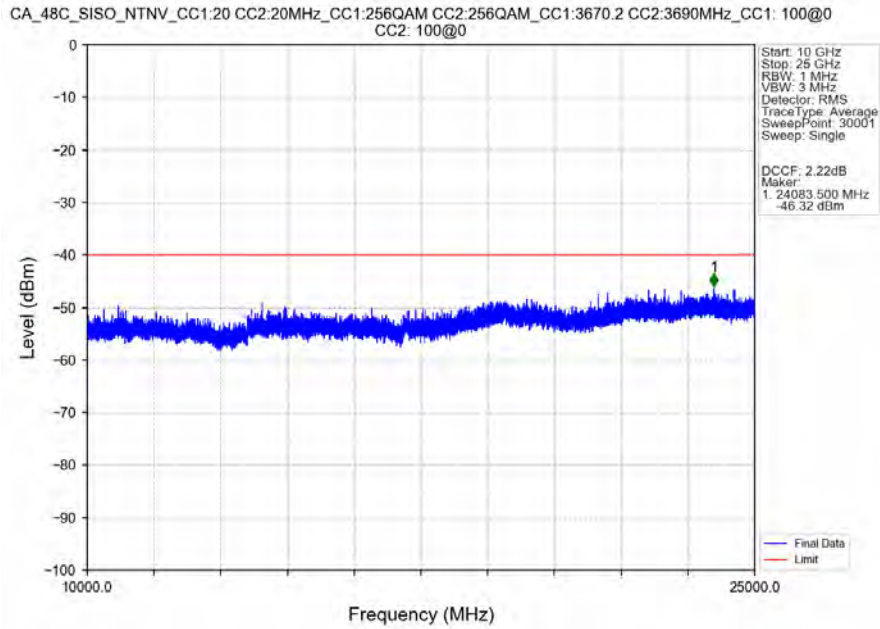


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.250   | -53.44      | -40         | Pass   |
| 3530        | 3620.1     | 1         | CHP    | 2          | 3619.400   | -53.72      | -25         | Pass   |
| 3620.1      | 3659.1     | 1         | CHP    | 3          | 3658.600   | -42.58      | -13         | Pass   |
| 3659.1      | 3660.1     | 0.401     | CHP    | 4          | 3659.850   | -45.60      | -13         | Pass   |
| 3660.1      | 3700.1     | 0.1       | /      | /          | /          | /           | /           | /      |
| 3700.1      | 3701.1     | 0.401     | CHP    | 5          | 3700.750   | -47.66      | -13         | Pass   |
| 3701.1      | 3710       | 1         | CHP    | 6          | 3703.050   | -43.32      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3711.100   | -45.79      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.050   | -49.33      | -40         | Pass   |

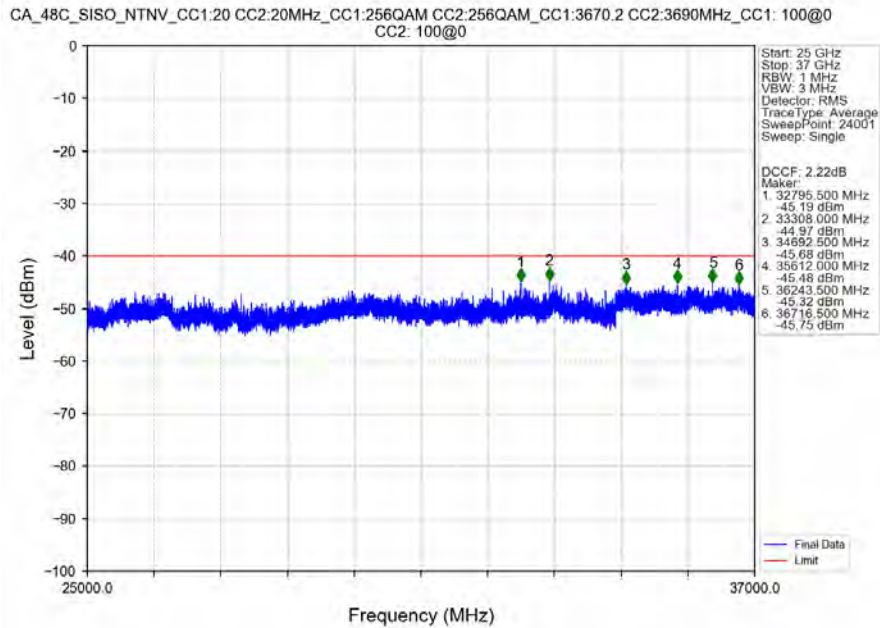
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2:  
100@0



## 4. Adjacent Channel Leakage Ratio

### 4.1 Test Result

#### 4.1.1 CA\_48C\_NTNV

| Band: CA_48C / NTN |                                  |                          |                         |                                |     |     |       |         |
|--------------------|----------------------------------|--------------------------|-------------------------|--------------------------------|-----|-----|-------|---------|
| BW<br>(MHz)        | Modulation                       | Frequency<br>(MHz)       | RB<br>Allocation        | Adjacent Channel Leakage Ratio |     |     |       | Verdict |
|                    |                                  |                          |                         | CC1                            | CC2 | Sum | Limit |         |
| CC1:5<br>CC2:20    | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3552.5<br>CC2:3564.2 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3678.3<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3552.5<br>CC2:3564.2 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3678.3<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3552.5<br>CC2:3564.2 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3678.3<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3552.5<br>CC2:3564.2 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3678.3<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 25@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
| CC1:10<br>CC2:20   | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3555<br>CC2:3569.4   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3675.6<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3555<br>CC2:3569.4   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  | CC1:3675.6<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph            |     |     |       | Pass    |
|                    |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph            |     |     |       | Pass    |

|                  |                                  |                          |                         |                     |      |
|------------------|----------------------------------|--------------------------|-------------------------|---------------------|------|
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3555<br>CC2:3569.4   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.6<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3555<br>CC2:3569.4   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.6<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 50@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
| CC1:15<br>CC2:20 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3557.5<br>CC2:3574.6 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3672.9<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3557.5<br>CC2:3574.6 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3672.9<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3557.5<br>CC2:3574.6 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3672.9<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3557.5<br>CC2:3574.6 | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3672.9<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 75@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
| CC1:20<br>CC2:5  | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3560<br>CC2:3571.7   | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3685.8<br>CC2:3697.5 | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3560<br>CC2:3571.7   | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3685.8               | CC1: 1@0                | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 1@0                | Refer To Test Graph | Pass |

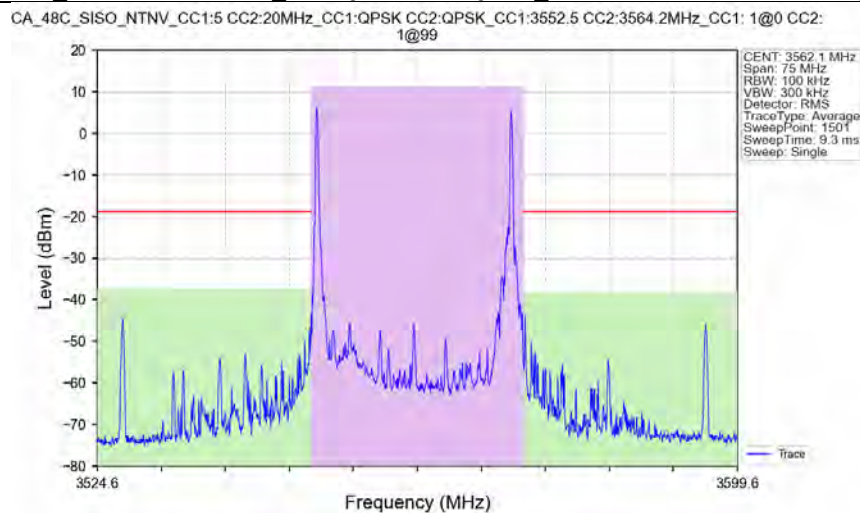
|                  |                                  |                          |                         |                     |      |
|------------------|----------------------------------|--------------------------|-------------------------|---------------------|------|
|                  |                                  | CC2:3697.5               | CC2: 1@24               |                     |      |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3560<br>CC2:3571.7   | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3685.8<br>CC2:3697.5 | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3560<br>CC2:3571.7   | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3685.8<br>CC2:3697.5 | CC1: 1@0<br>CC2: 1@24   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 25@0 | Refer To Test Graph | Pass |
| CC1:20<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3560<br>CC2:3574.4   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3680.6<br>CC2:3695   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3560<br>CC2:3574.4   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3680.6<br>CC2:3695   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3560<br>CC2:3574.4   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3680.6<br>CC2:3695   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3560<br>CC2:3574.4   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3680.6<br>CC2:3695   | CC1: 1@0<br>CC2: 1@49   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 50@0 | Refer To Test Graph | Pass |
| CC1:20<br>CC2:15 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3560<br>CC2:3577.1   | CC1: 1@0<br>CC2: 1@74   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.4<br>CC2:3692.5 | CC1: 1@0<br>CC2: 1@74   | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>16QAM                    | CC1:3560<br>CC2:3577.1   | CC1: 1@0<br>CC2: 1@74   | Refer To Test Graph | Pass |

|                  |                                  |                          |                          |                     |      |
|------------------|----------------------------------|--------------------------|--------------------------|---------------------|------|
|                  | CC2:<br>16QAM                    |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.4<br>CC2:3692.5 | CC1: 1@0<br>CC2: 1@74    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3560<br>CC2:3577.1   | CC1: 1@0<br>CC2: 1@74    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.4<br>CC2:3692.5 | CC1: 1@0<br>CC2: 1@74    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3560<br>CC2:3577.1   | CC1: 1@0<br>CC2: 1@74    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
|                  |                                  | CC1:3675.4<br>CC2:3692.5 | CC1: 1@0<br>CC2: 1@74    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 75@0  | Refer To Test Graph | Pass |
| CC1:20<br>CC2:20 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:3560<br>CC2:3579.8   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3670.2<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:3560<br>CC2:3579.8   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3670.2<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:3560<br>CC2:3579.8   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3670.2<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:3560<br>CC2:3579.8   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |
|                  |                                  | CC1:3670.2<br>CC2:3690   | CC1: 1@0<br>CC2: 1@99    | Refer To Test Graph | Pass |
|                  |                                  |                          | CC1: 100@0<br>CC2: 100@0 | Refer To Test Graph | Pass |

## 4.2 Test Graph

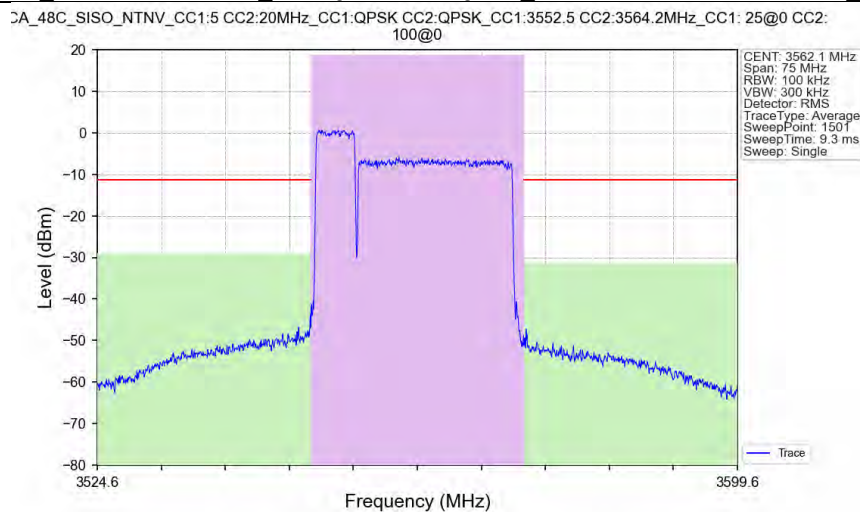
### 4.2.1 CA\_48C\_NTNV

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3552.5 CC2:3564.2MHz\_CC1: 1@0 CC2: 1@99



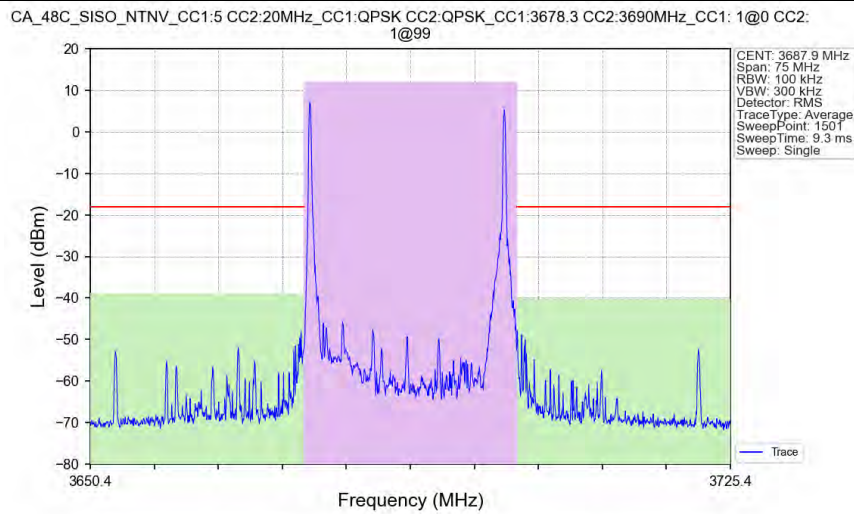
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.27       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.46      | -48.73 | -30         | 18.73       | Pass   |
| Adjacent | 25           | 25.00          | -38.11      | -49.38 | -30         | 19.38       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3552.5 CC2:3564.2MHz\_CC1: 25@0 CC2: 100@0



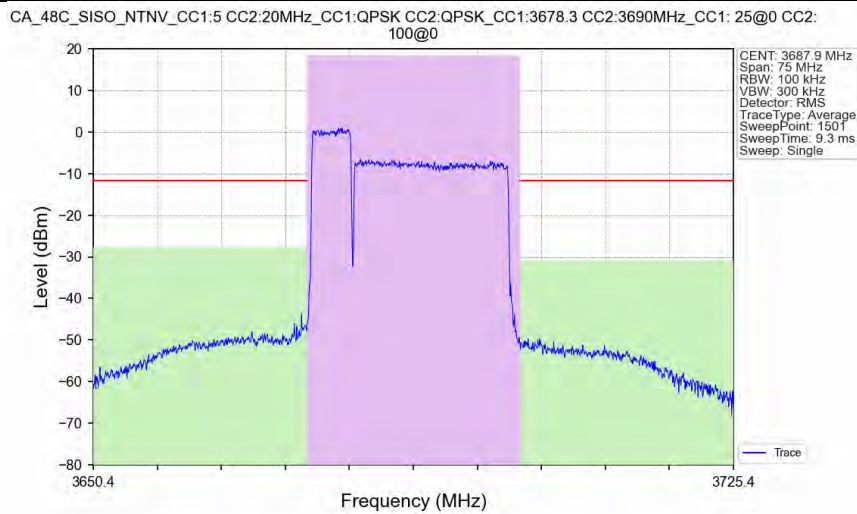
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 18.66       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -28.96      | -47.62 | -30         | 17.62       | Pass   |
| Adjacent | 25           | 25.00          | -31.32      | -49.98 | -30         | 19.98       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3678.3 CC2:3690MHz CC1: 1@0 CC2: 1@99



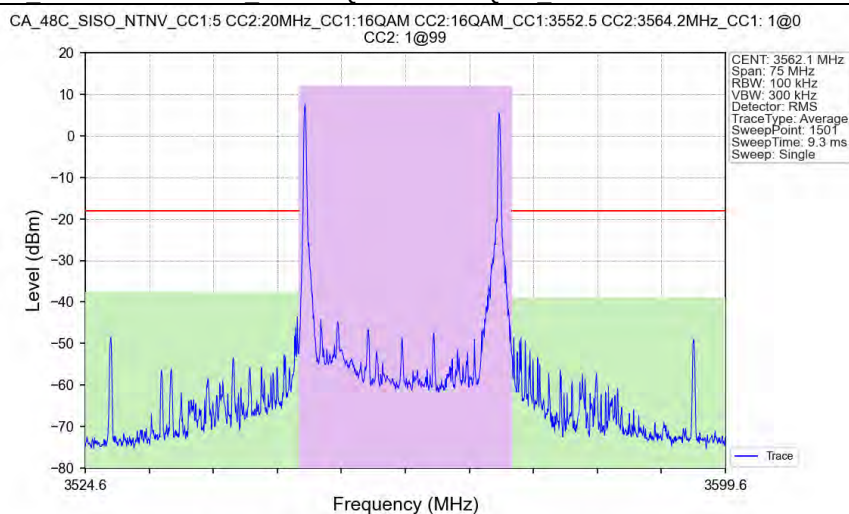
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.96       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -38.91      | -50.87 | -30         | 20.87       | Pass   |
| Adjacent | 25           | 25.00          | -40.22      | -52.18 | -30         | 22.18       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3678.3 CC2:3690MHz CC1: 25@0 CC2: 100@0



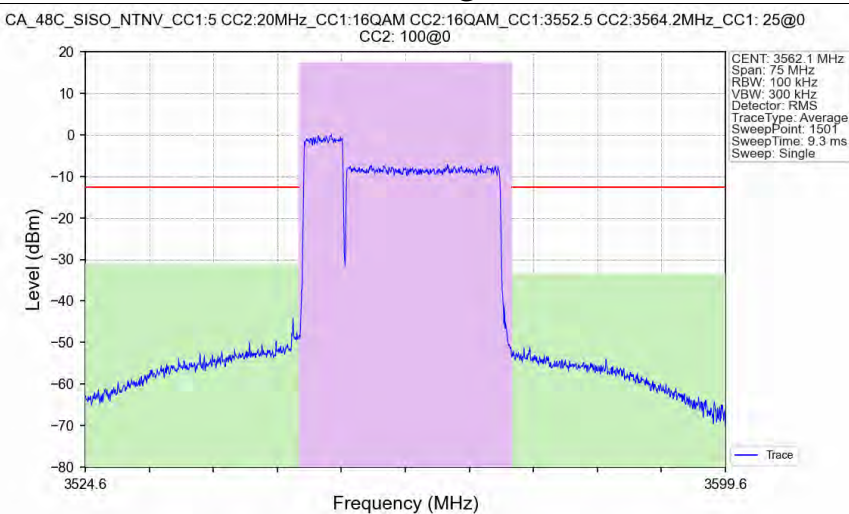
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 18.34       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -27.79      | -46.13 | -30         | 16.13       | Pass   |
| Adjacent | 25           | 25.00          | -30.78      | -49.12 | -30         | 19.12       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:16QAM CC2:16QAM CC1:3552.5 CC2:3564.2MHz CC1: 1@0 CC2: 1@99



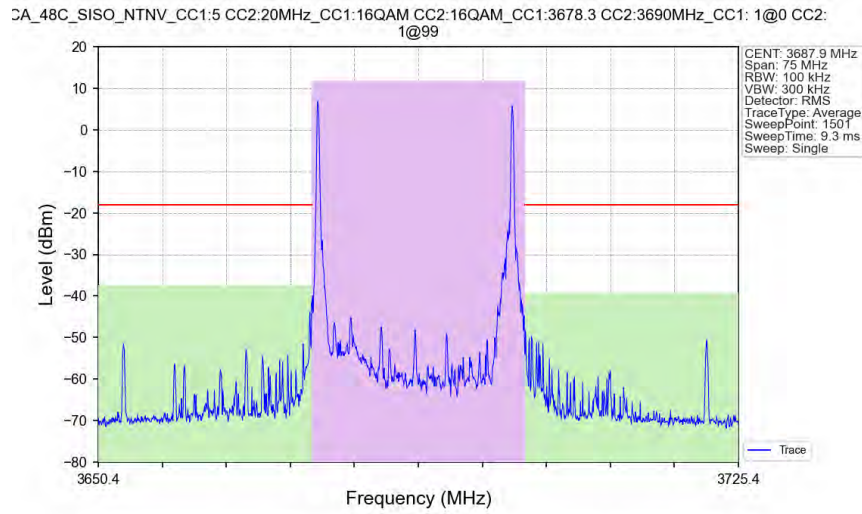
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 12.02       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.56      | -49.58 | -30         | 19.58       | Pass   |
| Adjacent | 25           | 25.00          | -38.84      | -50.86 | -30         | 20.86       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3552.5 CC2:3564.2MHz\_CC1: 25@0 CC2: 100@0



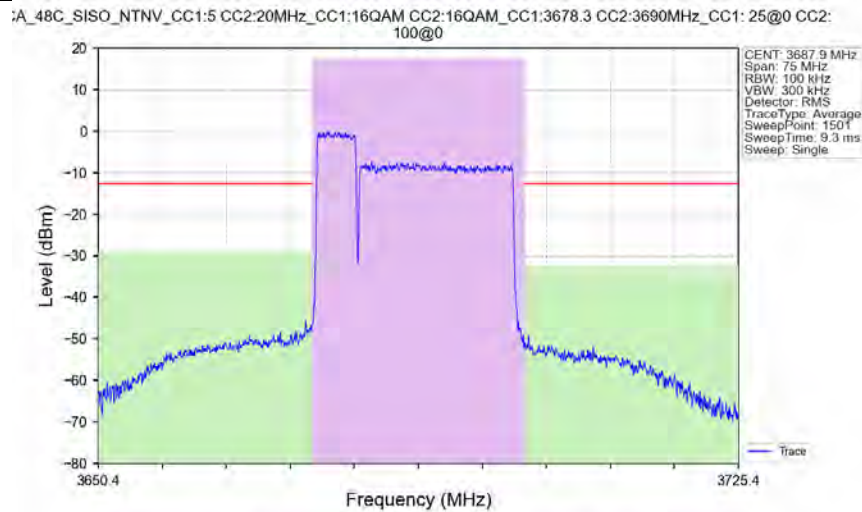
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.43       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -30.93      | -48.36 | -30         | 18.36       | Pass   |
| Adjacent | 25           | 25.00          | -33.36      | -50.79 | -30         | 20.79       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:16QAM CC2:16QAM CC1:3678.3 CC2:3690MHz CC1: 1@0 CC2: 1@99



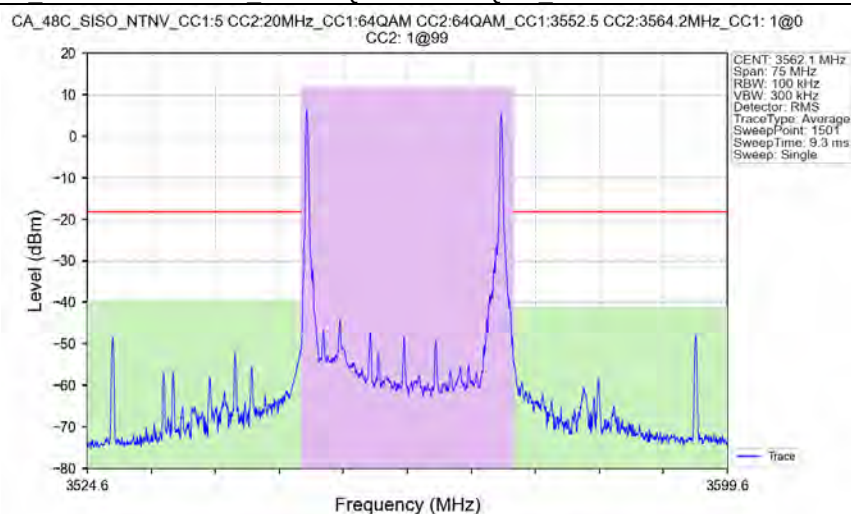
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.86       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.44      | -49.30 | -30         | 19.30       | Pass   |
| Adjacent | 25           | 25.00          | -39.19      | -51.05 | -30         | 21.05       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3678.3 CC2:3690MHz\_CC1: 25@0 CC2: 100@0



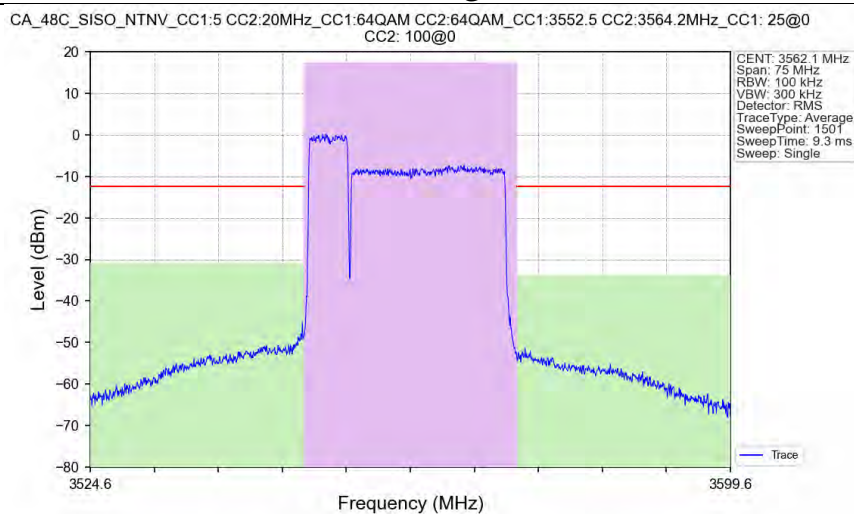
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.37       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -28.97      | -46.34 | -30         | 16.34       | Pass   |
| Adjacent | 25           | 25.00          | -32.42      | -49.79 | -30         | 19.79       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:64QAM CC2:64QAM CC1:3552.5 CC2:3564.2MHz CC1: 1@0 CC2: 1@99



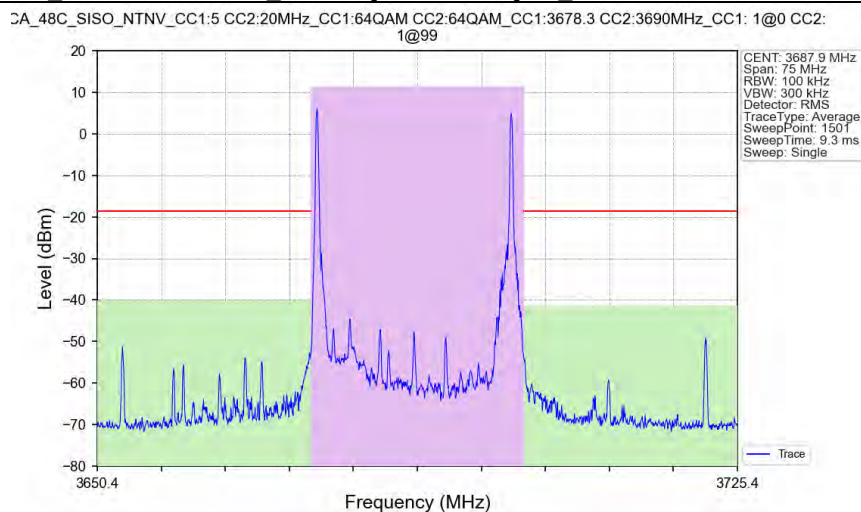
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.72       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -39.39      | -51.11 | -30         | 21.11       | Pass   |
| Adjacent | 25           | 25.00          | -41.06      | -52.78 | -30         | 22.78       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3552.5 CC2:3564.2MHz\_CC1: 25@0 CC2: 100@0

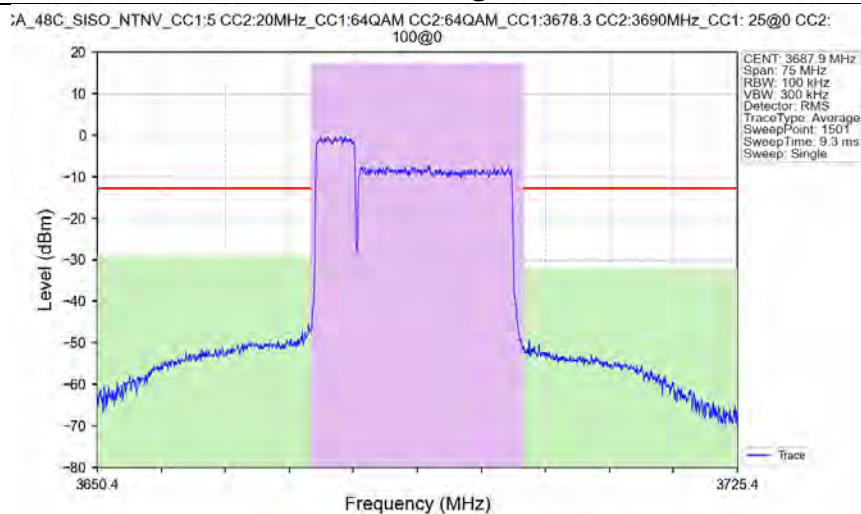


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.51       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -30.80      | -48.31 | -30         | 18.31       | Pass   |
| Adjacent | 25           | 25.00          | -33.70      | -51.21 | -30         | 21.21       | Pass   |

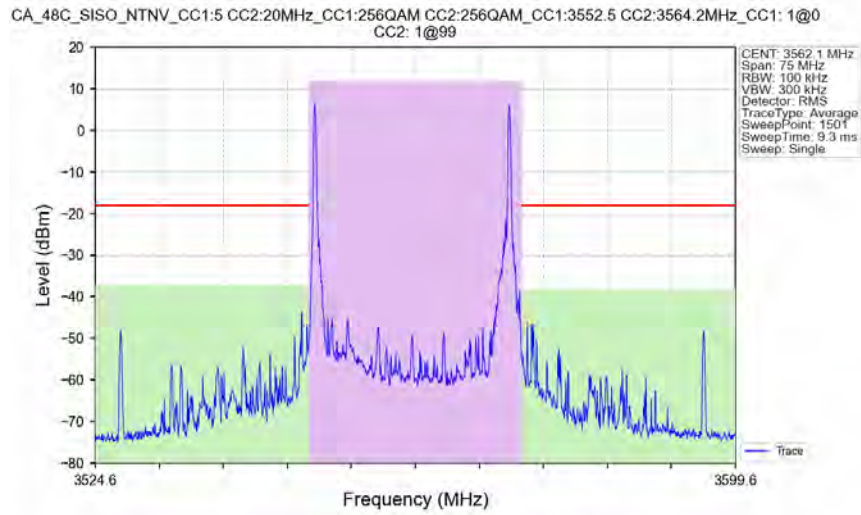
CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz CC1:64QAM CC2:64QAM CC1:3678.3 CC2:3690MHz CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3678.3 CC2:3690MHz\_CC1: 25@0 CC2: 100@0

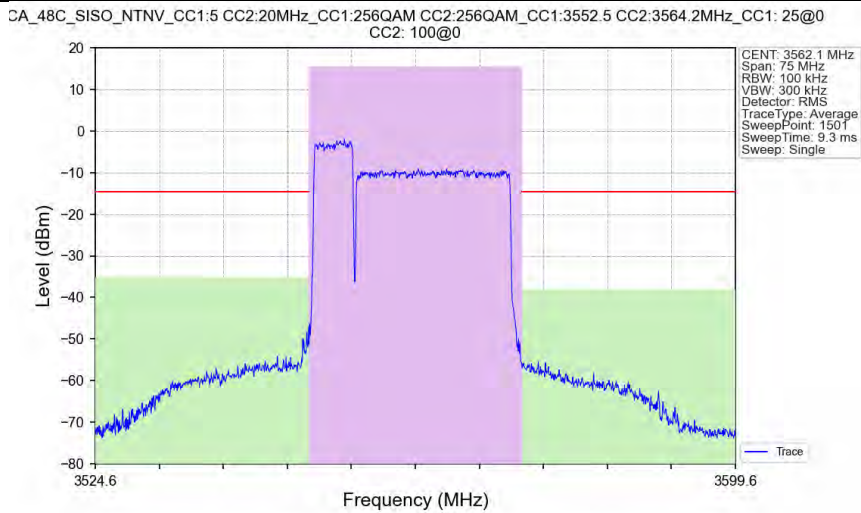


CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3552.5 CC2:3564.2MHz\_CC1: 1@0 CC2: 1@99



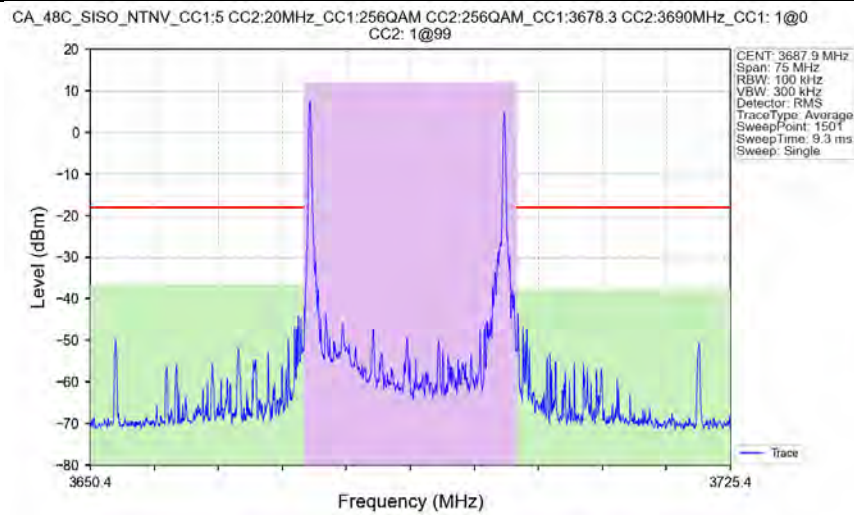
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.86       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.13      | -48.99 | -30         | 18.99       | Pass   |
| Adjacent | 25           | 25.00          | -38.02      | -49.88 | -30         | 19.88       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3552.5 CC2:3564.2MHz\_CC1: 25@0 CC2: 100@0



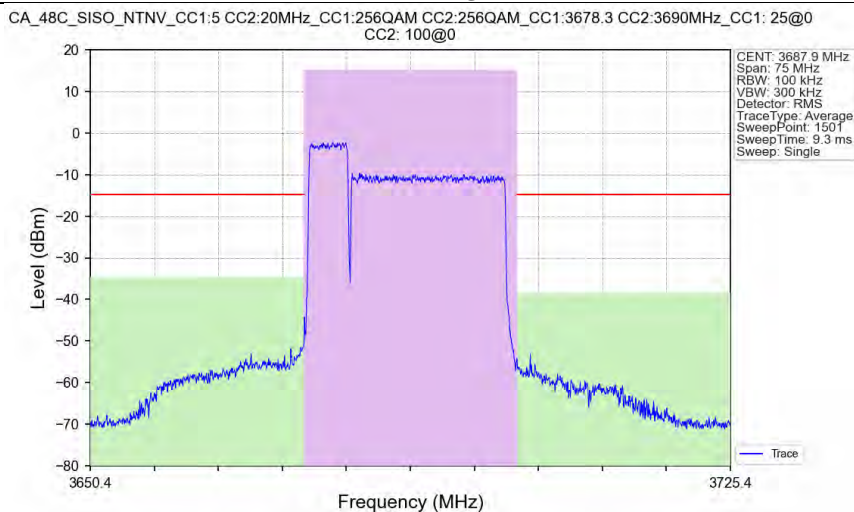
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 15.42       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -35.25      | -50.67 | -30         | 20.67       | Pass   |
| Adjacent | 25           | 25.00          | -38.12      | -53.54 | -30         | 23.54       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3678.3 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



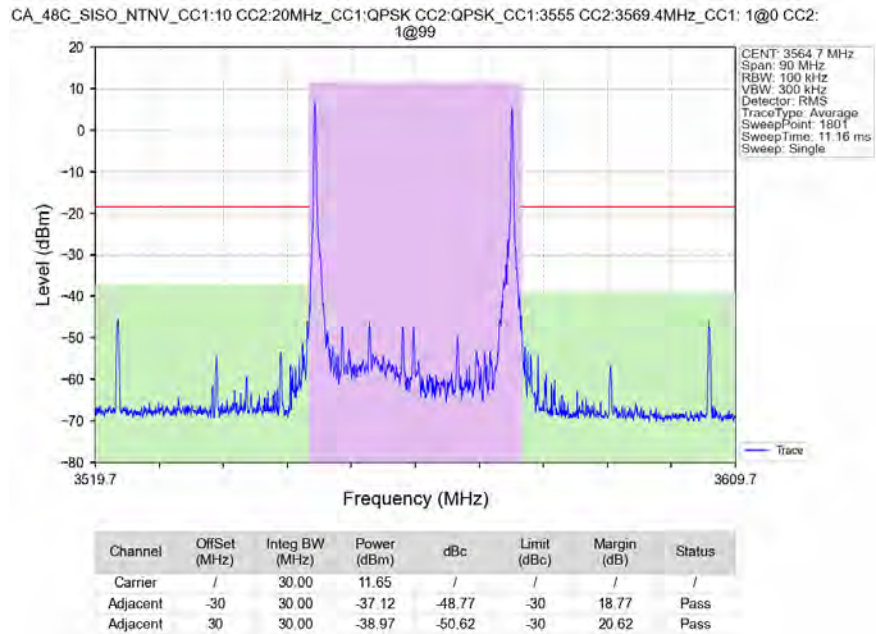
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.94       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -36.62      | -48.56 | -30         | 18.56       | Pass   |
| Adjacent | 25           | 25.00          | -37.81      | -49.75 | -30         | 19.75       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:5 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3678.3 CC2:3690MHz\_CC1: 25@0 CC2: 100@0

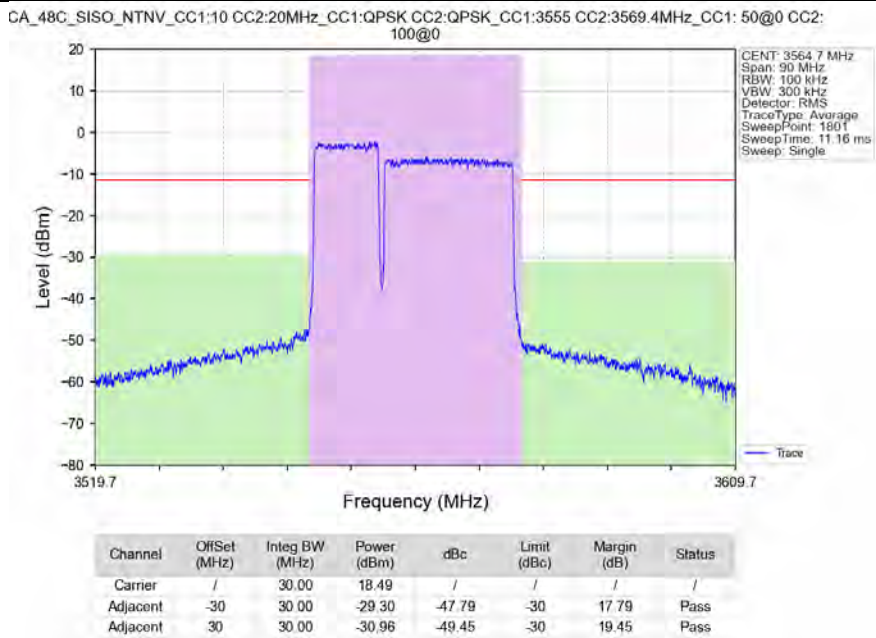


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 15.28       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -34.56      | -49.84 | -30         | 19.84       | Pass   |
| Adjacent | 25           | 25.00          | -38.55      | -53.83 | -30         | 23.83       | Pass   |

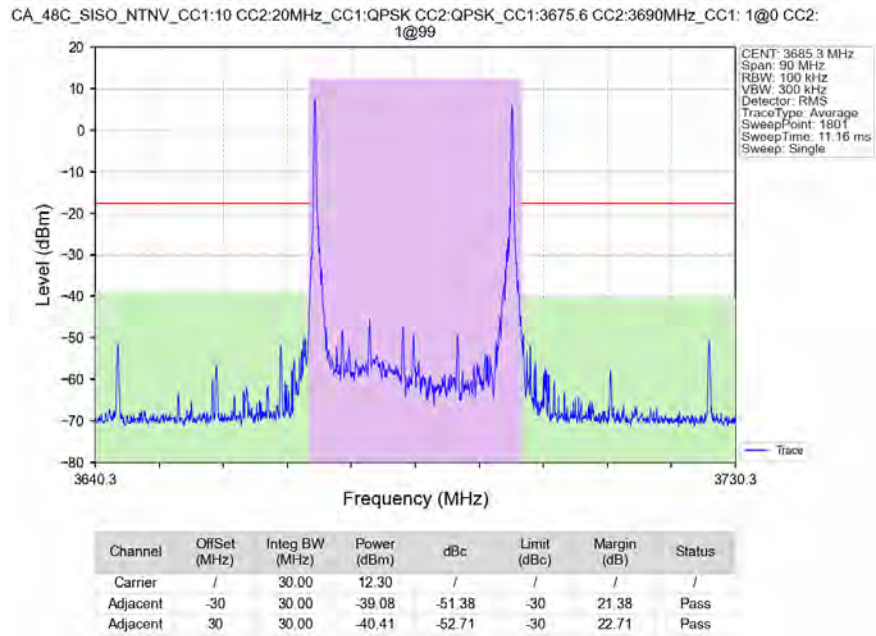
CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3555 CC2:3569.4MHz CC1: 1@0 CC2: 1@99



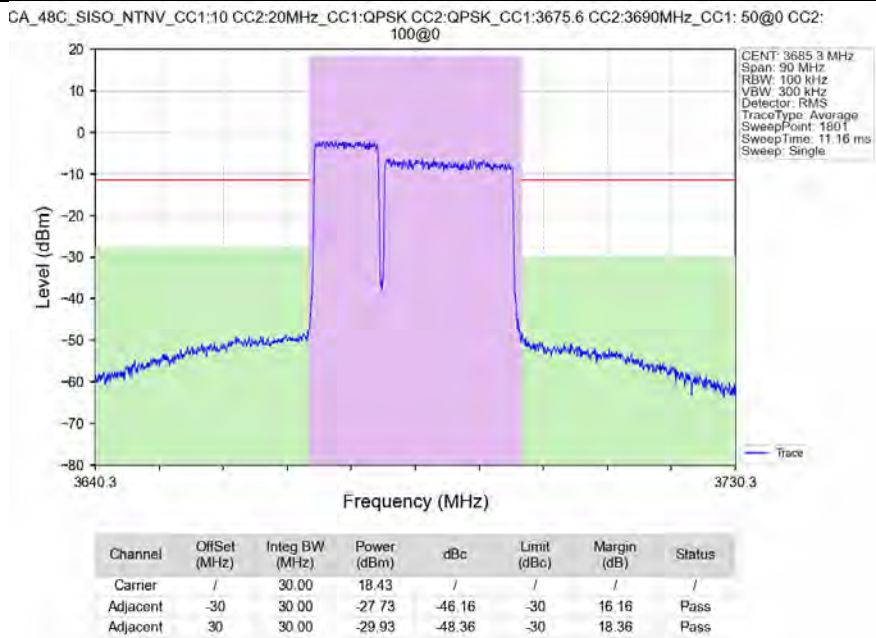
CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3555 CC2:3569.4MHz CC1: 50@0 CC2: 100@0



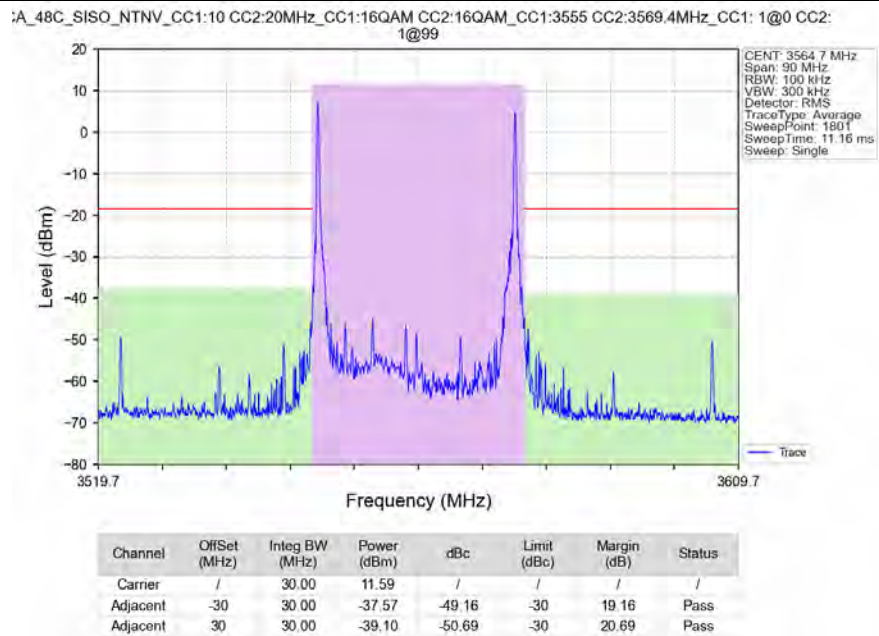
CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3675.6 CC2:3690MHz CC1: 1@0 CC2: 1@99



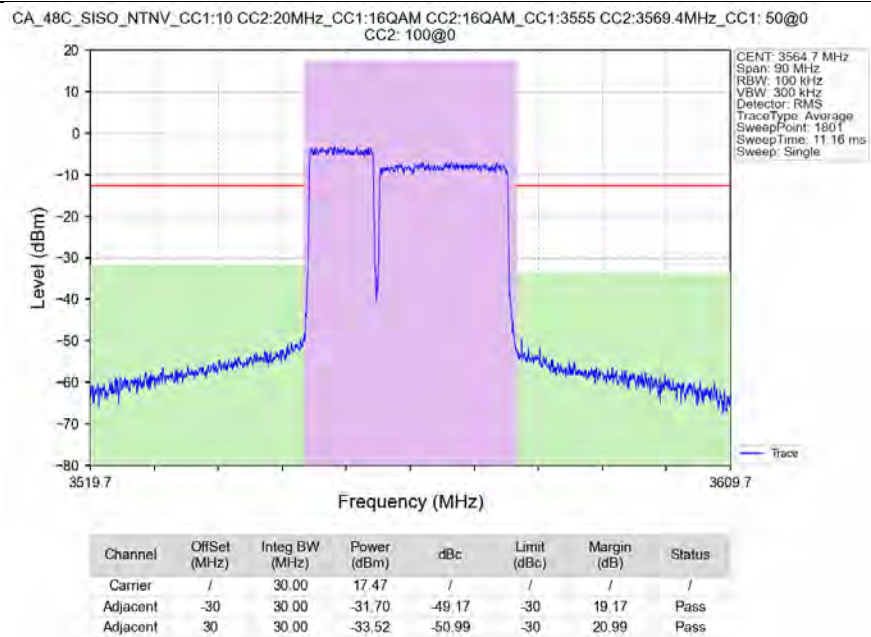
CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3675.6 CC2:3690MHz CC1: 50@0 CC2: 100@0



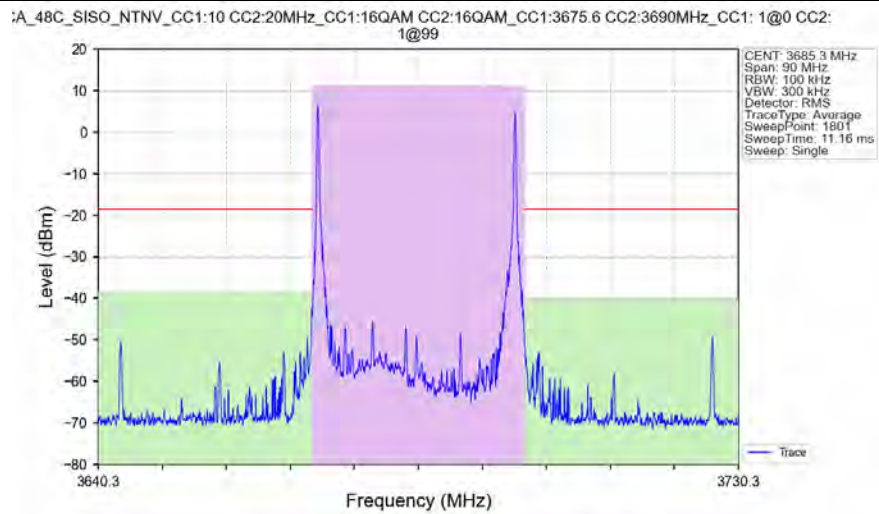
CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 50@0 CC2: 100@0

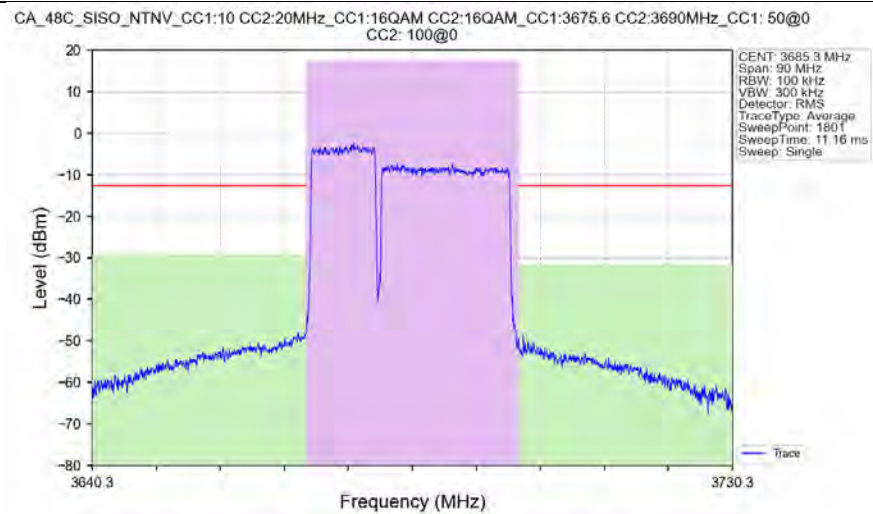


CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:16QAM CC2:16QAM CC1:3675.6 CC2:3690MHz CC1: 1@0 CC2: 1@99



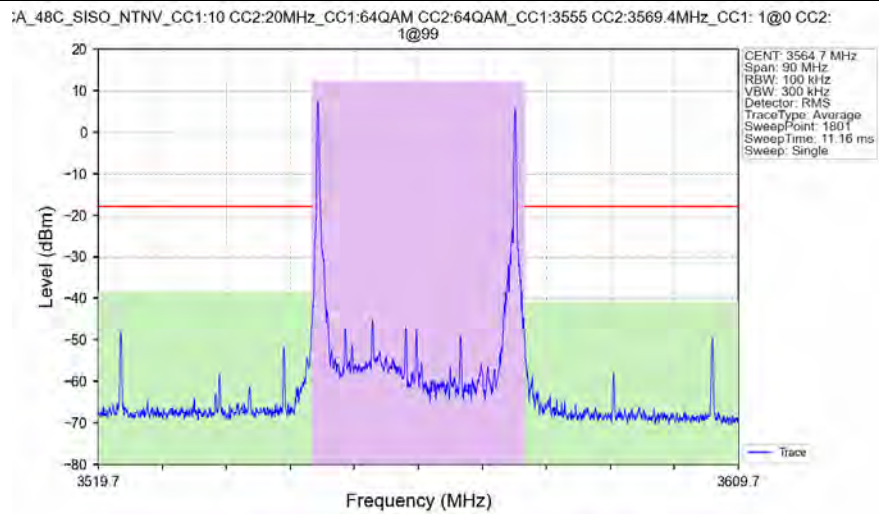
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.30       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -38.24      | -49.54 | -30         | 19.54       | Pass   |
| Adjacent | 30           | 30.00          | -40.20      | -51.50 | -30         | 21.50       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3675.6 CC2:3690MHz\_CC1: 50@0 CC2: 100@0



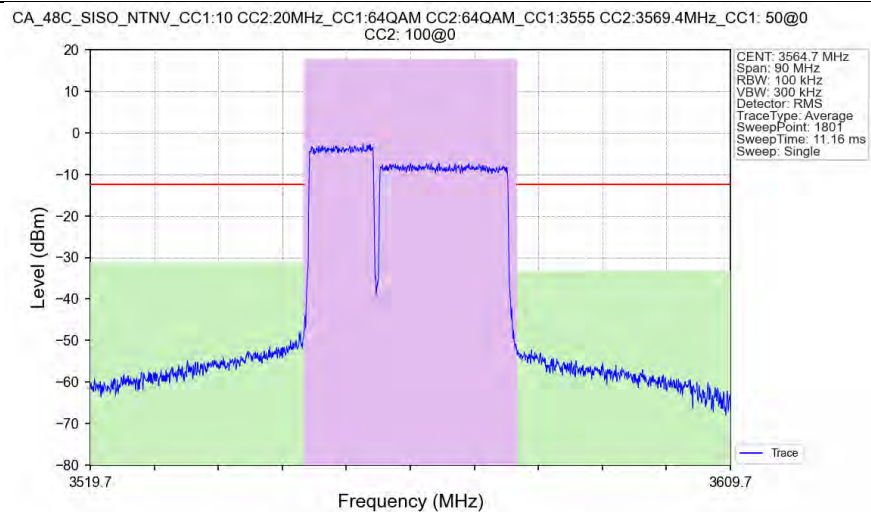
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.36       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -29.25      | -46.61 | -30         | 16.61       | Pass   |
| Adjacent | 30           | 30.00          | -31.62      | -48.98 | -30         | 18.98       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 1@0 CC2: 1@99



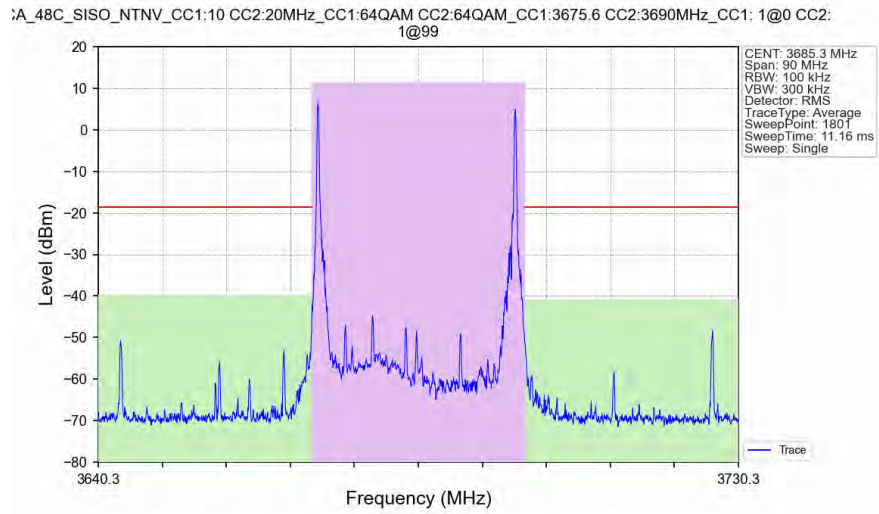
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 12.15       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -38.54      | -50.69 | -30         | 20.69       | Pass   |
| Adjacent | 30           | 30.00          | -40.85      | -53.00 | -30         | 23.00       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 50@0 CC2: 100@0



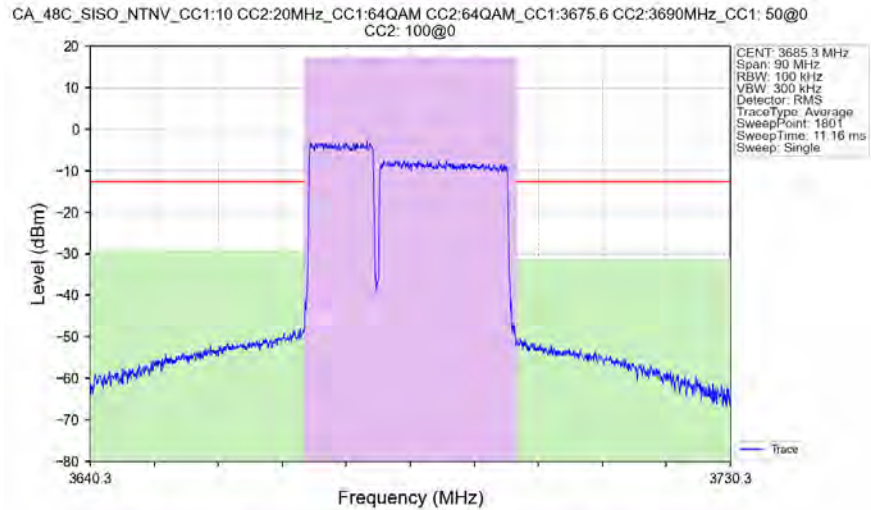
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.58       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -31.10      | -48.68 | -30         | 18.68       | Pass   |
| Adjacent | 30           | 30.00          | -33.22      | -50.80 | -30         | 20.80       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:64QAM CC2:64QAM CC1:3675.6 CC2:3690MHz CC1: 1@0 CC2: 1@99



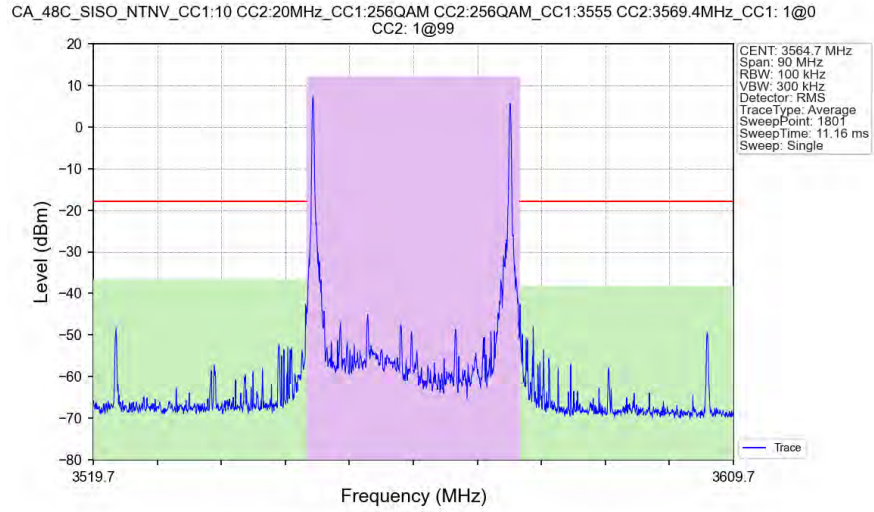
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.44       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -39.82      | -51.26 | -30         | 21.26       | Pass   |
| Adjacent | 30           | 30.00          | -40.89      | -52.33 | -30         | 22.33       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz CC1:64QAM CC2:64QAM CC1:3675.6 CC2:3690MHz CC1: 50@0 CC2: 100@0



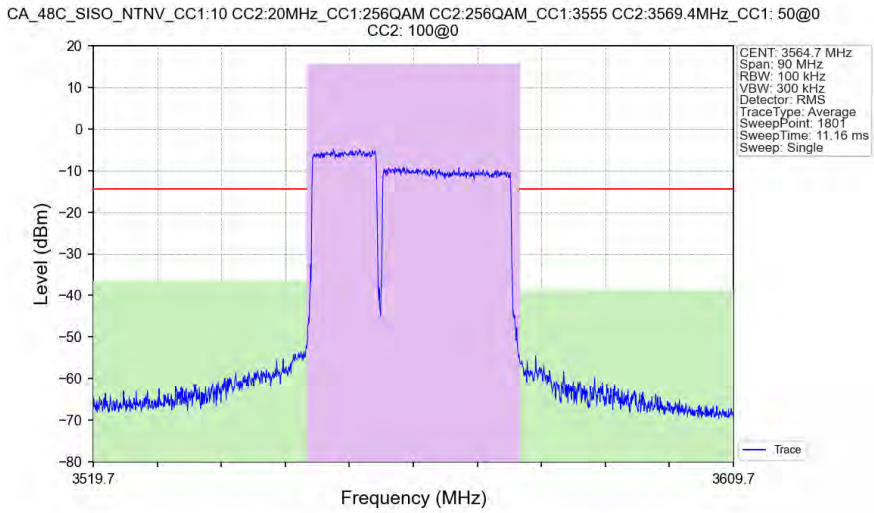
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.34       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -29.16      | -46.50 | -30         | 16.50       | Pass   |
| Adjacent | 30           | 30.00          | -31.43      | -48.77 | -30         | 18.77       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 1@0 CC2:  
1@99



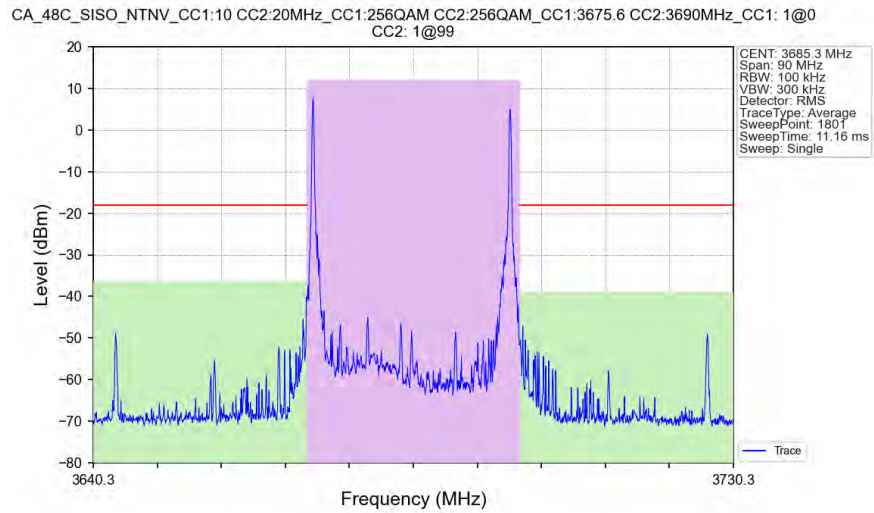
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 12.11       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -36.70      | -48.81 | -30         | 18.81       | Pass   |
| Adjacent | 30           | 30.00          | -38.37      | -50.48 | -30         | 20.48       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3555 CC2:3569.4MHz\_CC1: 50@0 CC2:  
100@0



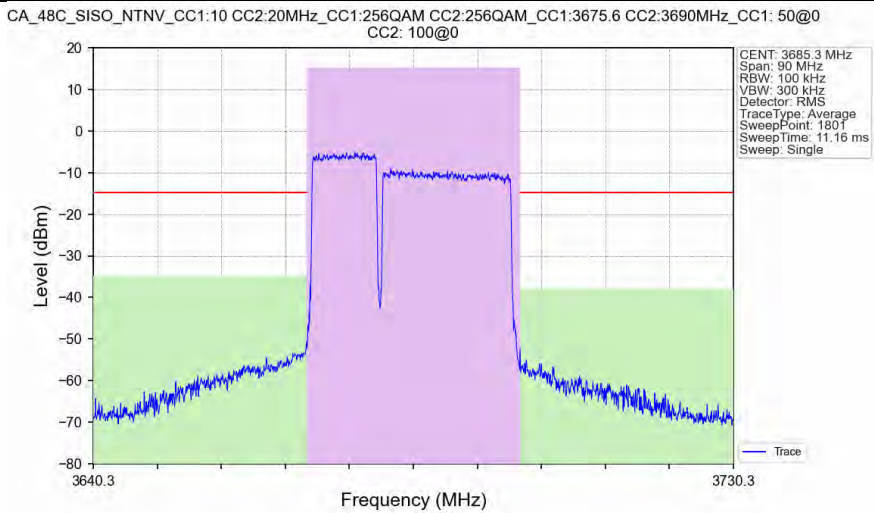
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 15.54       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -36.52      | -52.06 | -30         | 22.06       | Pass   |
| Adjacent | 30           | 30.00          | -38.71      | -54.25 | -30         | 24.25       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.6 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



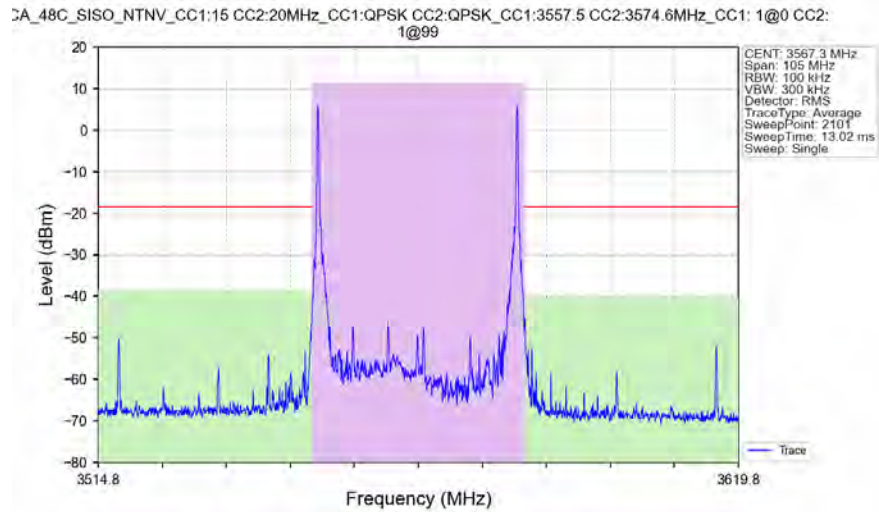
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.97       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -36.21      | -48.18 | -30         | 18.18       | Pass   |
| Adjacent | 30           | 30.00          | -38.83      | -50.80 | -30         | 20.80       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:10 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.6 CC2:3690MHz\_CC1: 50@0 CC2: 100@0



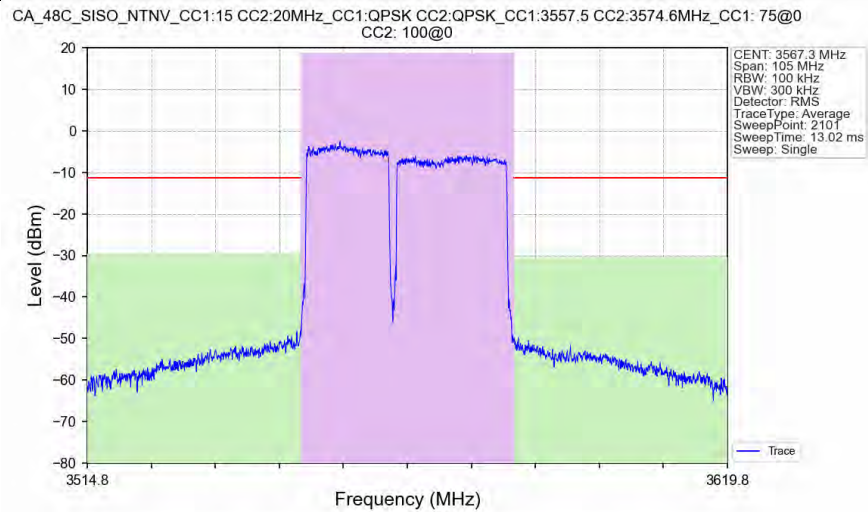
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 15.30       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -34.90      | -50.20 | -30         | 20.20       | Pass   |
| Adjacent | 30           | 30.00          | -37.87      | -53.17 | -30         | 23.17       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3557.5 CC2:3574.6MHz CC1: 1@0 CC2: 1@99



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 11.49       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -38.51      | -50.00 | -30         | 20.00       | Pass   |
| Adjacent | 35           | 35.00          | -40.25      | -51.74 | -30         | 21.74       | Pass   |

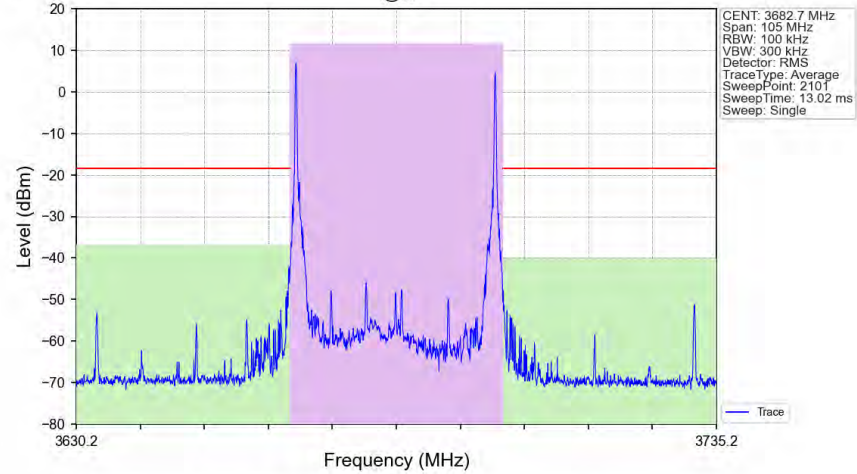
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3557.5 CC2:3574.6MHz CC1: 75@0 CC2: 100@0



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 18.64       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -29.62      | -48.26 | -30         | 18.26       | Pass   |
| Adjacent | 35           | 35.00          | -30.40      | -49.04 | -30         | 19.04       | Pass   |

CA 48C SISO NTN\_V CC1:15 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3672.9 CC2:3690MHz CC1: 1@0 CC2: 1@99

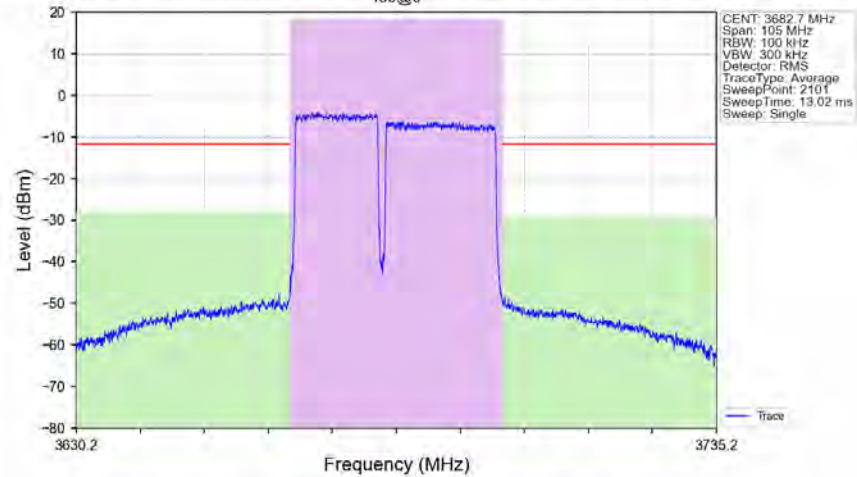
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3672.9 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 11.54       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -36.82      | -48.36 | -30         | 18.36       | Pass   |
| Adjacent | 35           | 35.00          | -40.07      | -51.61 | -30         | 21.61       | Pass   |

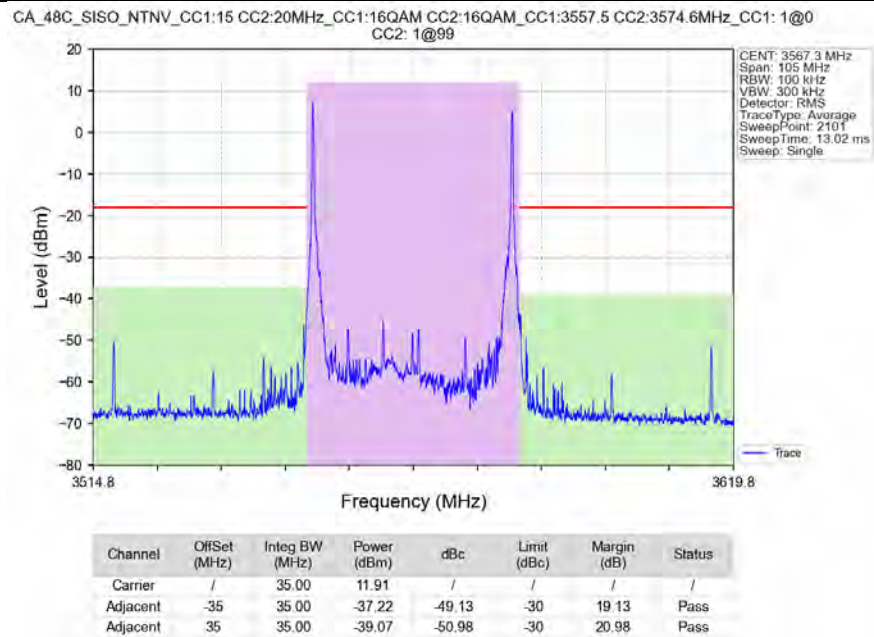
CA 48C SISO NTN\_V CC1:15 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3672.9 CC2:3690MHz CC1: 75@0 CC2: 100@0

CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3672.9 CC2:3690MHz\_CC1: 75@0 CC2: 100@0

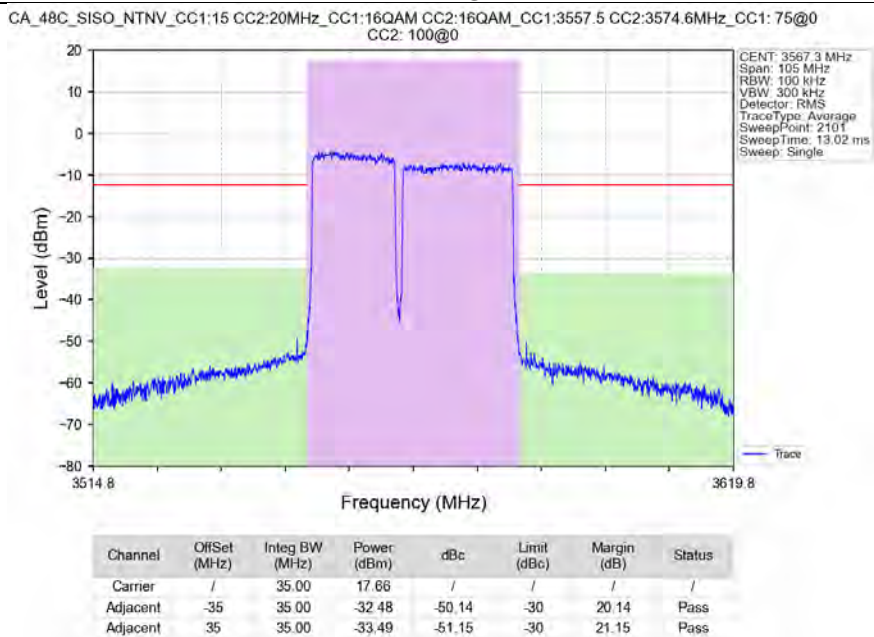


| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 18.34       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -27.84      | -46.18 | -30         | 16.18       | Pass   |
| Adjacent | 35           | 35.00          | -29.26      | -47.60 | -30         | 17.60       | Pass   |

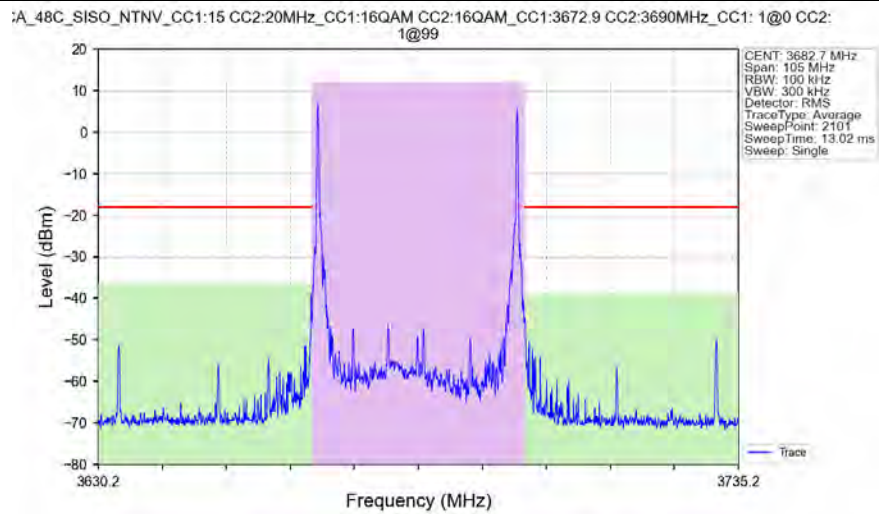
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:16QAM CC2:16QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 75@0 CC2: 100@0

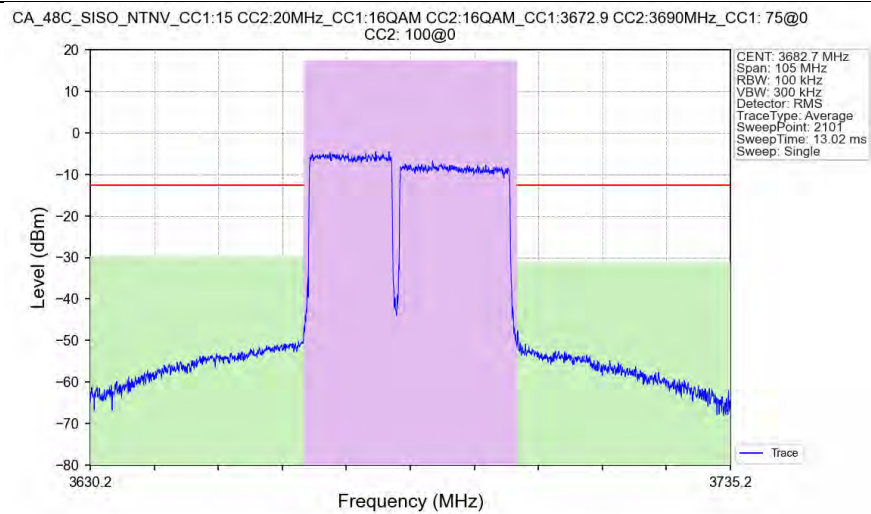


CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz CC1:16QAM CC2:16QAM CC1:3672.9 CC2:3690MHz CC1: 1@0 CC2: 1@99



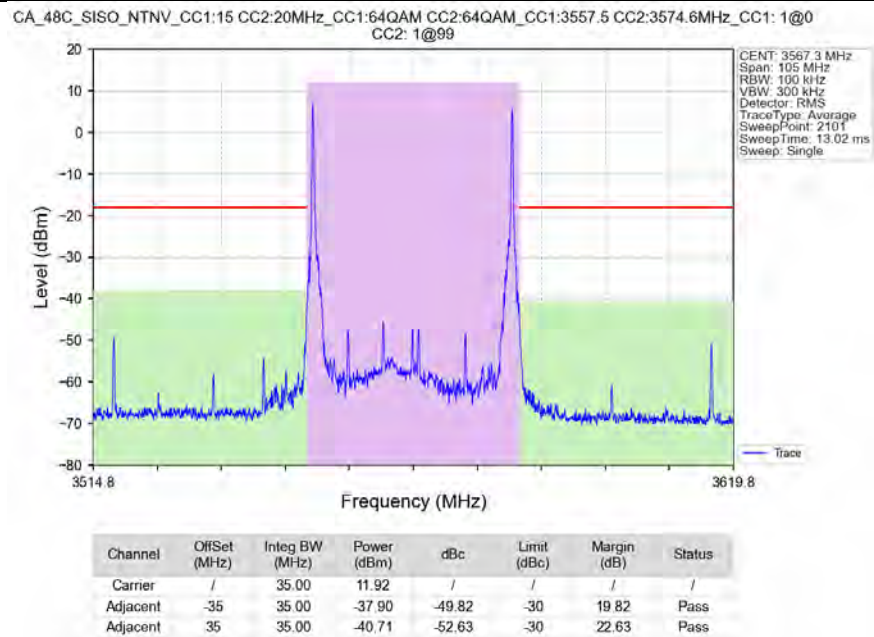
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 11.95       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -36.40      | -48.35 | -30         | 18.35       | Pass   |
| Adjacent | 35           | 35.00          | -38.88      | -50.83 | -30         | 20.83       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz CC1:16QAM CC2:16QAM CC1:3672.9 CC2:3690MHz CC1: 75@0 CC2: 100@0

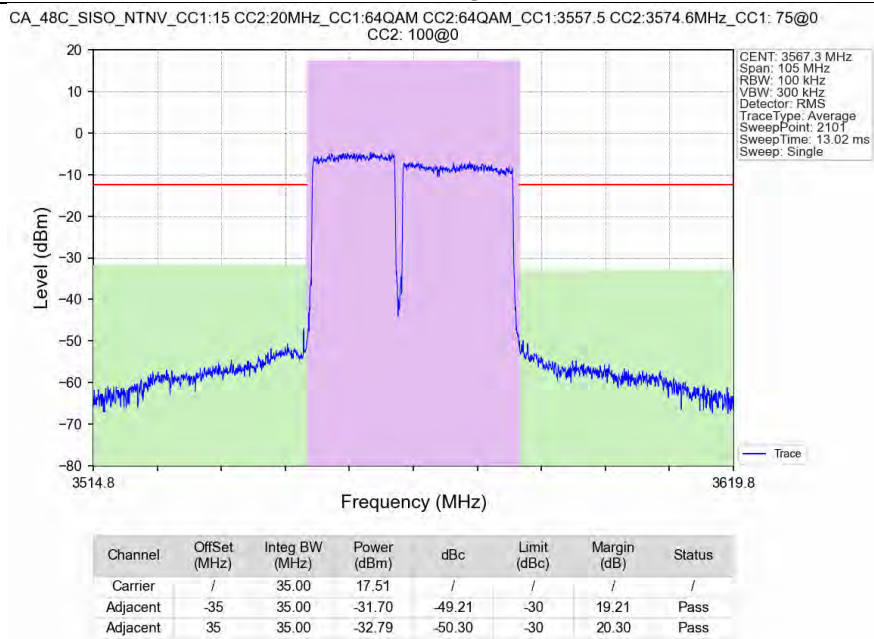


| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 17.37       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -29.70      | -47.07 | -30         | 17.07       | Pass   |
| Adjacent | 35           | 35.00          | -31.23      | -48.60 | -30         | 18.60       | Pass   |

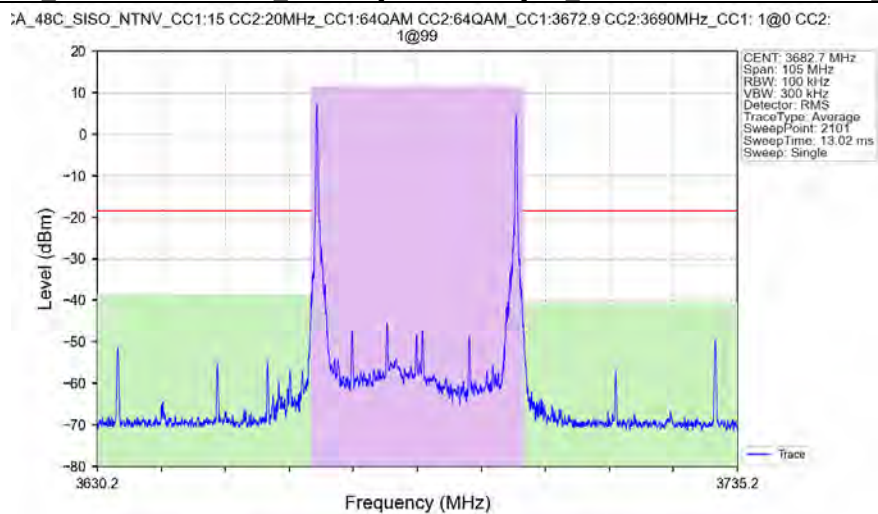
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 75@0 CC2: 100@0

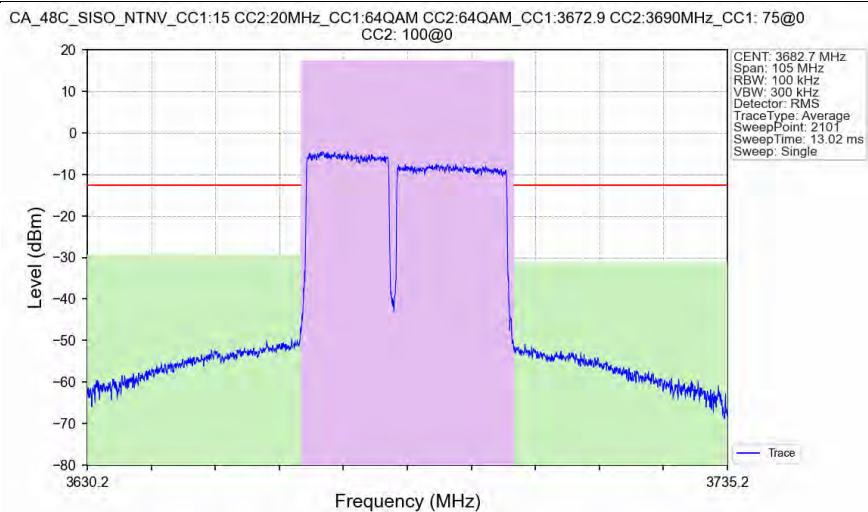


CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz CC1:64QAM CC2:64QAM CC1:3672.9 CC2:3690MHz CC1: 1@0 CC2: 1@99



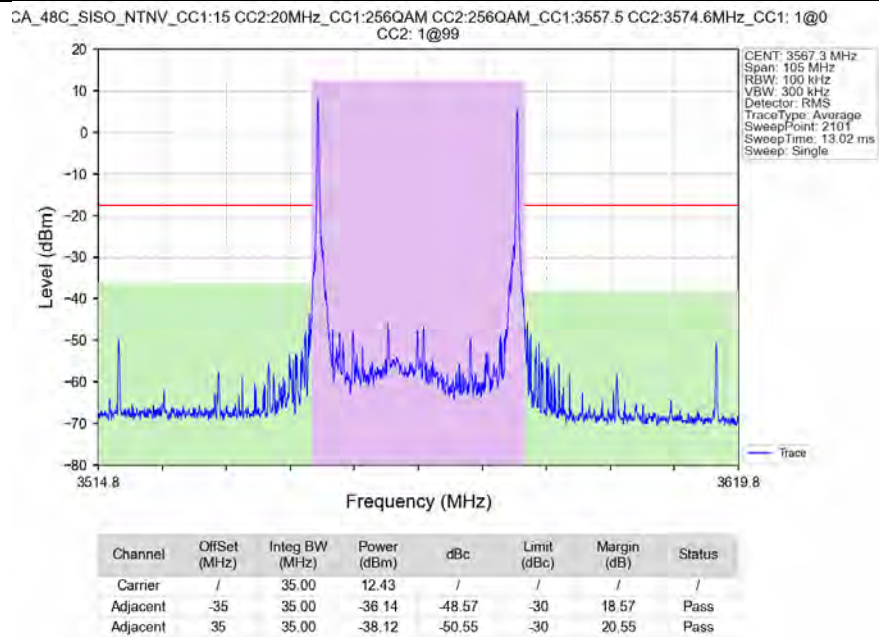
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 11.60       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -38.57      | -50.17 | -30         | 20.17       | Pass   |
| Adjacent | 35           | 35.00          | -40.57      | -52.17 | -30         | 22.17       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:64QAM CC2:64QAM\_CC1:3672.9 CC2:3690MHz\_CC1: 75@0 CC2: 100@0

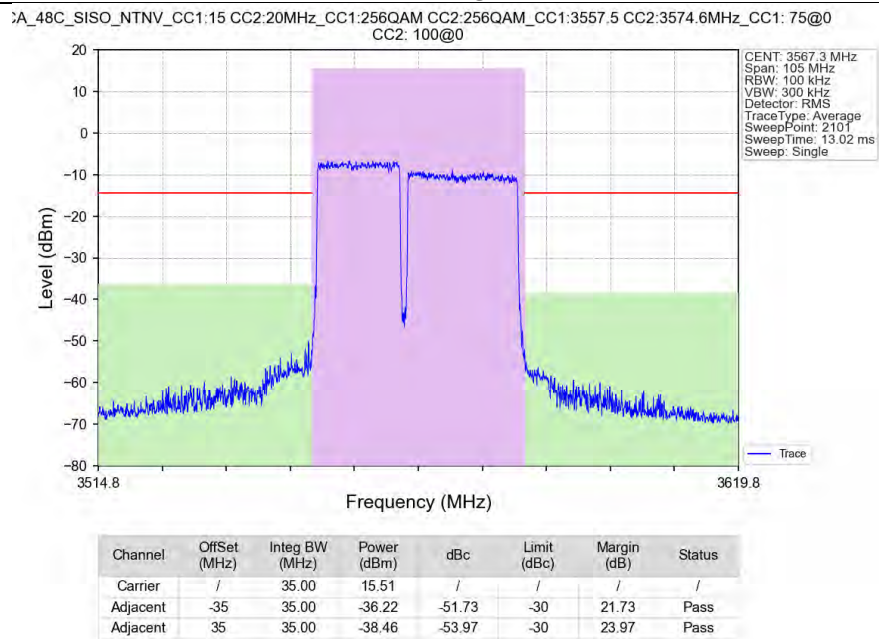


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 17.41       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -29.41      | -46.82 | -30         | 16.82       | Pass   |
| Adjacent | 35           | 35.00          | -31.14      | -48.55 | -30         | 18.55       | Pass   |

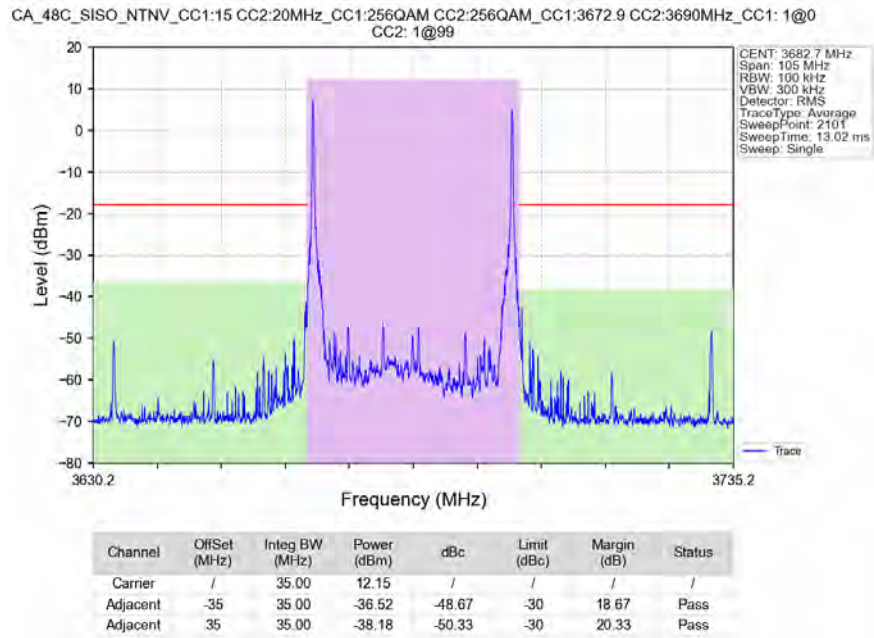
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 1@0 CC2: 1@99



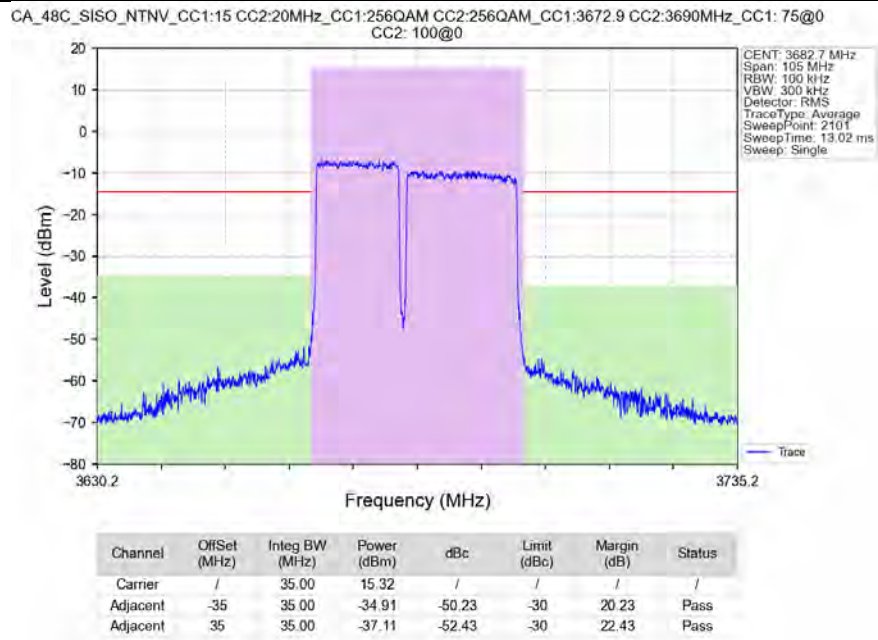
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3557.5 CC2:3574.6MHz\_CC1: 75@0 CC2: 100@0



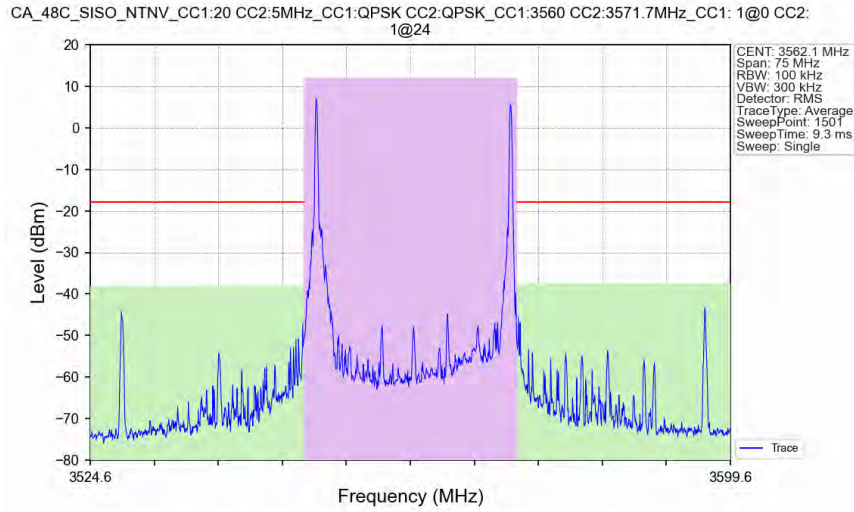
CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3672.9 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



CA\_48C\_SISO\_NTNV\_CC1:15 CC2:20MHz\_CC1:256QAM CC2:256QAM\_CC1:3672.9 CC2:3690MHz\_CC1: 75@0 CC2: 100@0

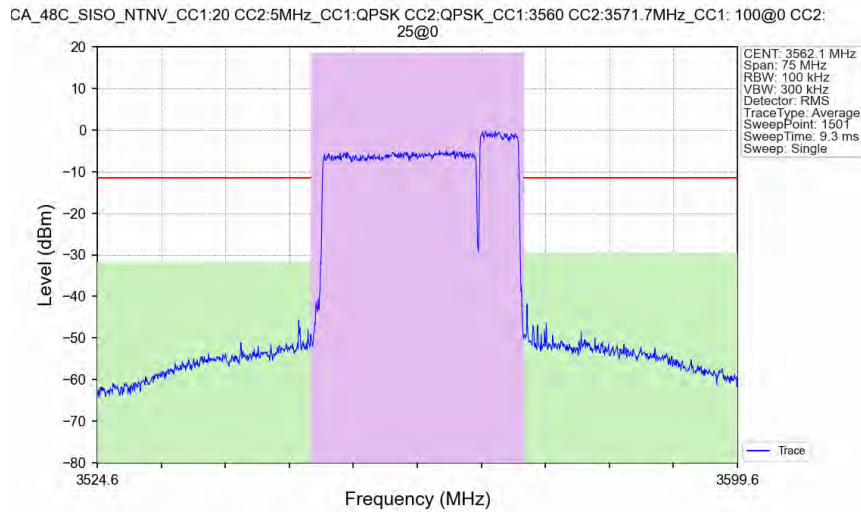


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3571.7MHz CC1: 1@0 CC2: 1@24



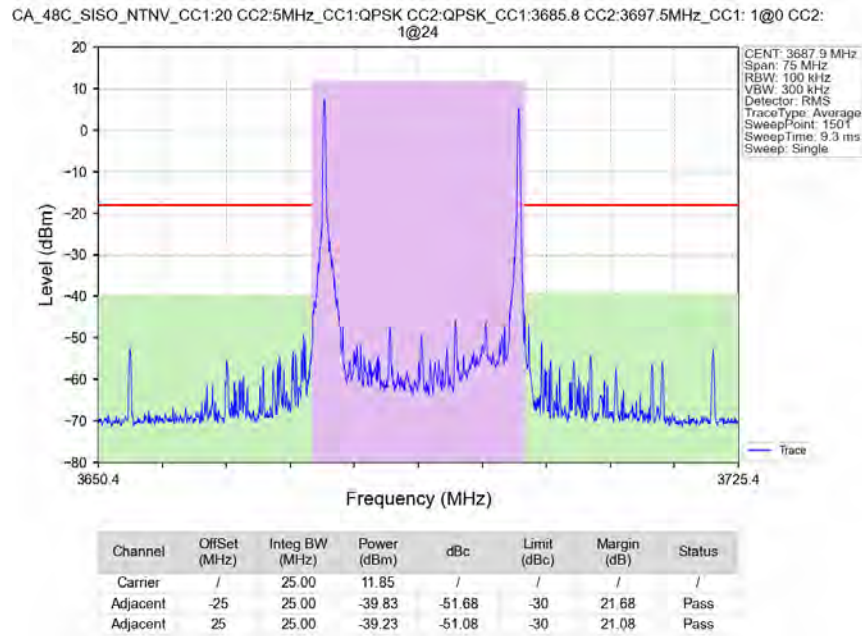
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 12.04       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -38.05      | -50.09 | -30         | 20.09       | Pass   |
| Adjacent | 25           | 25.00          | -37.42      | -49.46 | -30         | 19.46       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3571.7MHz CC1: 100@0 CC2: 25@0

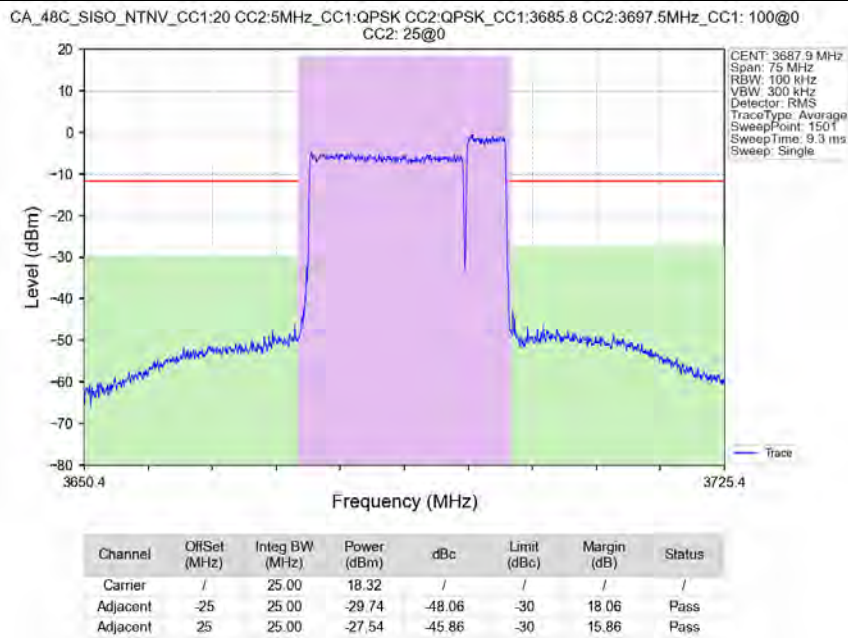


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 18.51       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -31.64      | -50.15 | -30         | 20.15       | Pass   |
| Adjacent | 25           | 25.00          | -29.62      | -48.13 | -30         | 18.13       | Pass   |

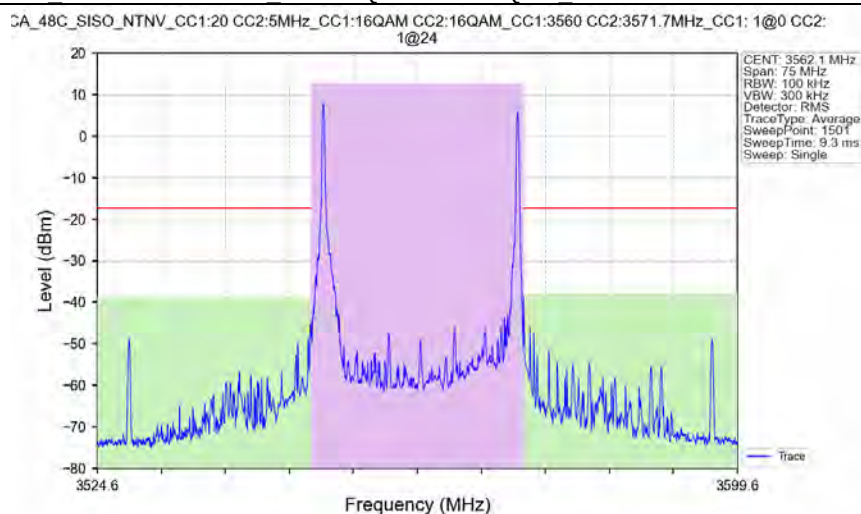
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:QPSK CC2:QPSK CC1:3685.8 CC2:3697.5MHz CC1: 1@0 CC2: 1@24



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:QPSK CC2:QPSK CC1:3685.8 CC2:3697.5MHz CC1: 100@0 CC2: 25@0

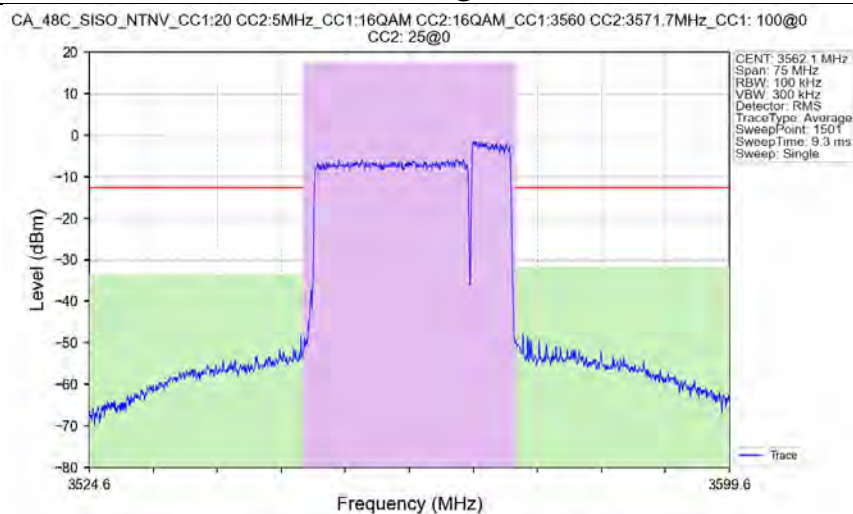


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:16QAM CC2:16QAM CC1:3560 CC2:3571.7MHz CC1: 1@0 CC2: 1@24



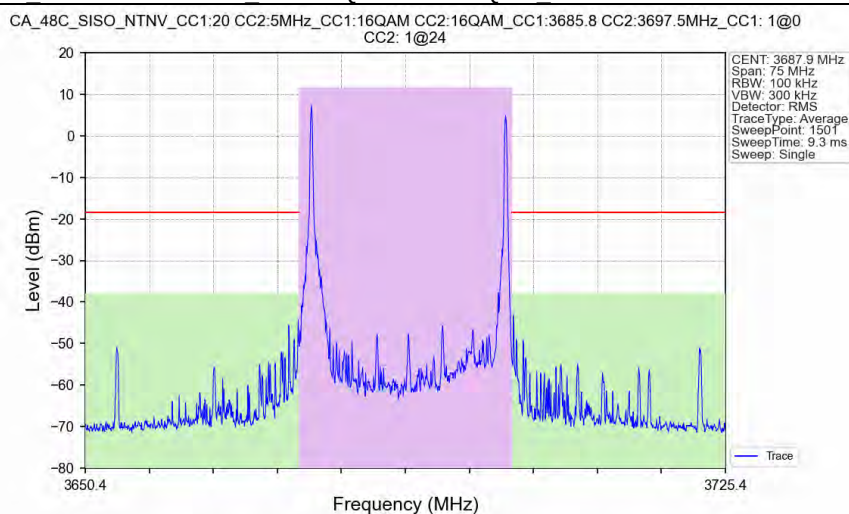
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 12.75       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -38.86      | -51.61 | -30         | 21.61       | Pass   |
| Adjacent | 25           | 25.00          | -37.97      | -50.72 | -30         | 20.72       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3571.7MHz\_CC1: 100@0 CC2: 25@0



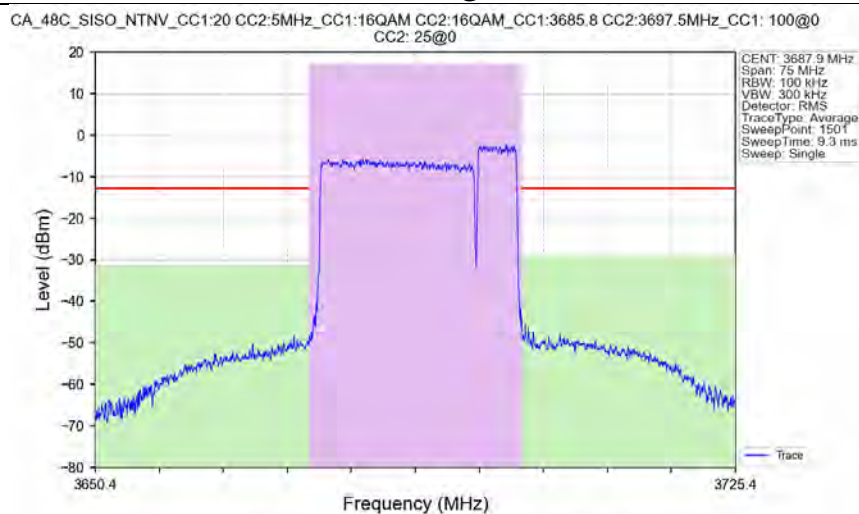
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.39       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -33.50      | -50.89 | -30         | 20.89       | Pass   |
| Adjacent | 25           | 25.00          | -31.75      | -49.14 | -30         | 19.14       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:16QAM CC2:16QAM CC1:3685.8 CC2:3697.5MHz CC1: 1@0 CC2: 1@24



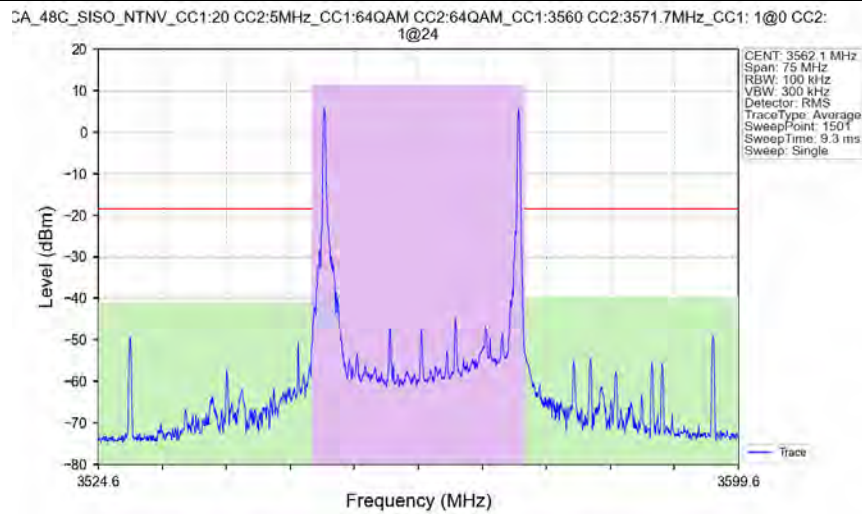
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.61       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.99      | -49.60 | -30         | 19.60       | Pass   |
| Adjacent | 25           | 25.00          | -37.84      | -49.45 | -30         | 19.45       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:3685.8 CC2:3697.5MHz\_CC1: 100@0 CC2: 25@0



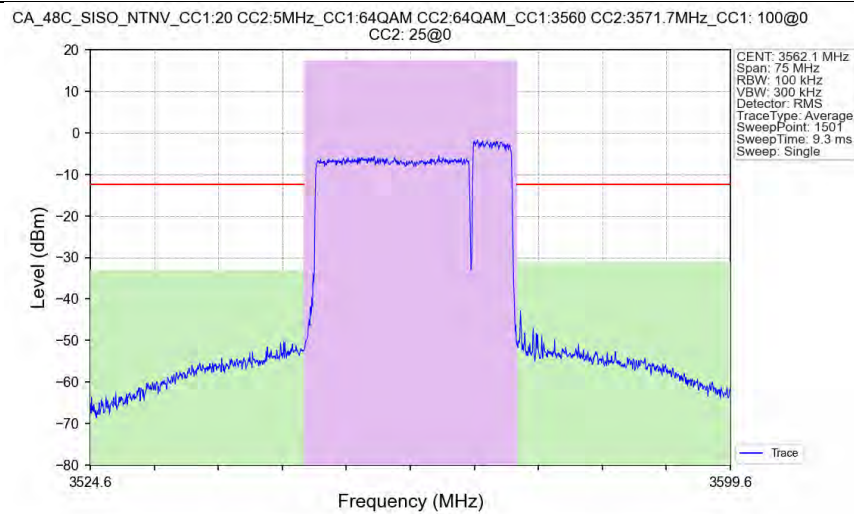
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.13       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -31.14      | -48.27 | -30         | 18.27       | Pass   |
| Adjacent | 25           | 25.00          | -28.83      | -45.96 | -30         | 15.96       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3571.7MHz\_CC1: 1@0 CC2: 1@24



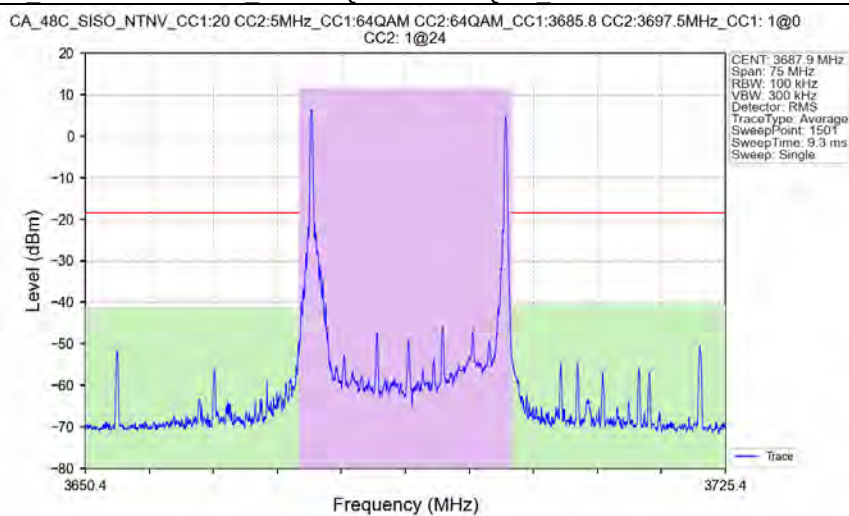
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.53       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -40.84      | -52.37 | -30         | 22.37       | Pass   |
| Adjacent | 25           | 25.00          | -39.82      | -51.35 | -30         | 21.35       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3571.7MHz\_CC1: 100@0 CC2: 25@0



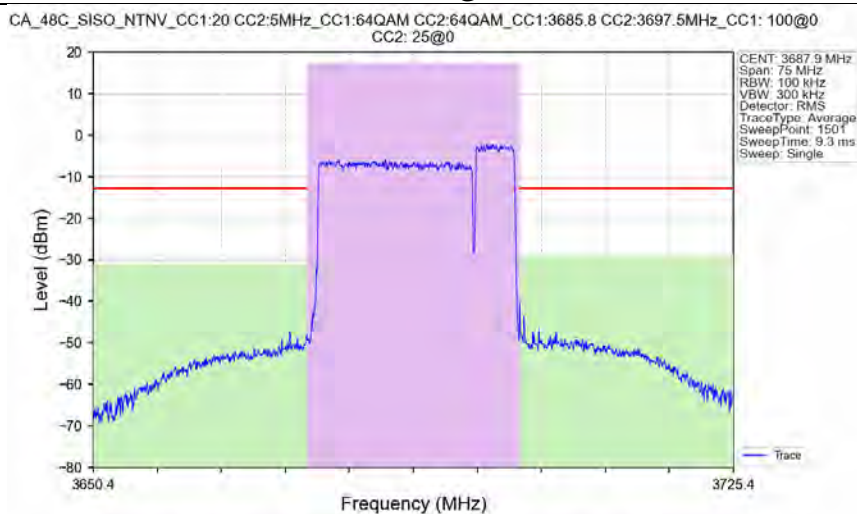
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.50       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -32.96      | -50.46 | -30         | 20.46       | Pass   |
| Adjacent | 25           | 25.00          | -30.92      | -48.42 | -30         | 18.42       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz CC1:64QAM CC2:64QAM CC1:3685.8 CC2:3697.5MHz CC1: 1@0 CC2: 1@24



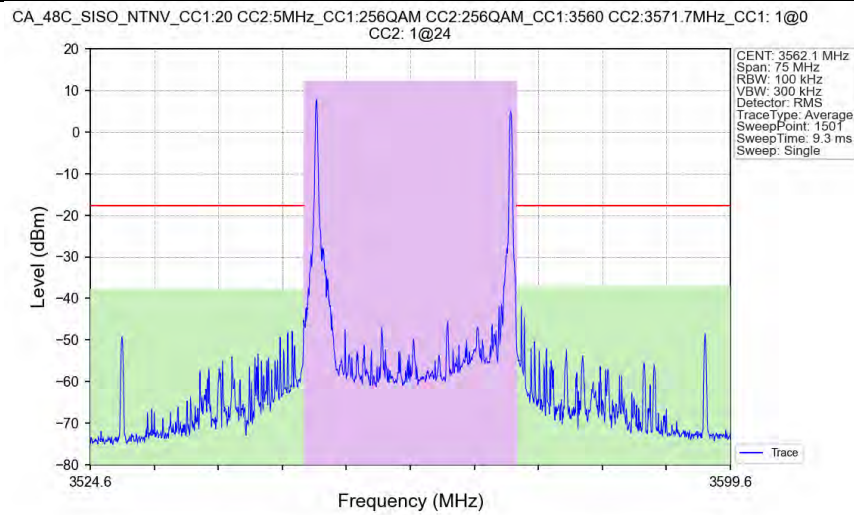
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 11.58       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -41.16      | -52.74 | -30         | 22.74       | Pass   |
| Adjacent | 25           | 25.00          | -40.51      | -52.09 | -30         | 22.09       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:3685.8 CC2:3697.5MHz\_CC1: 100@0 CC2: 25@0



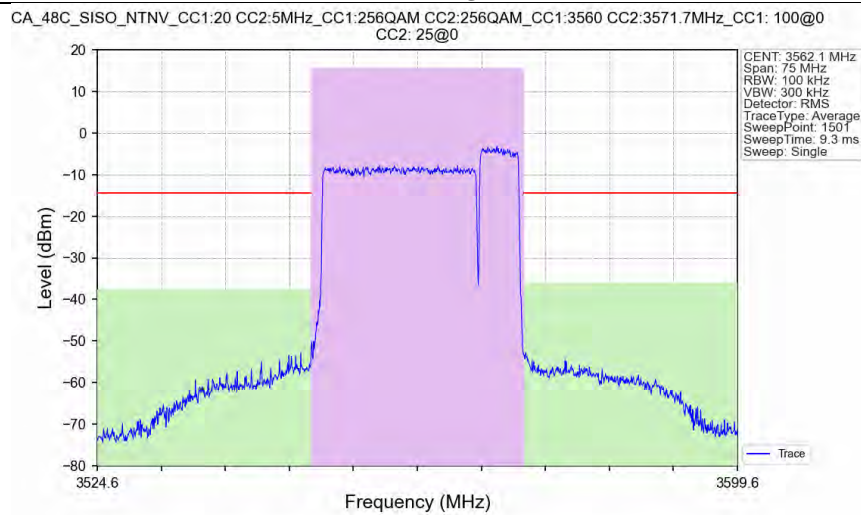
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 17.21       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -30.99      | -48.20 | -30         | 18.20       | Pass   |
| Adjacent | 25           | 25.00          | -28.73      | -45.94 | -30         | 15.94       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3571.7MHz\_CC1: 1@0 CC2: 1@24



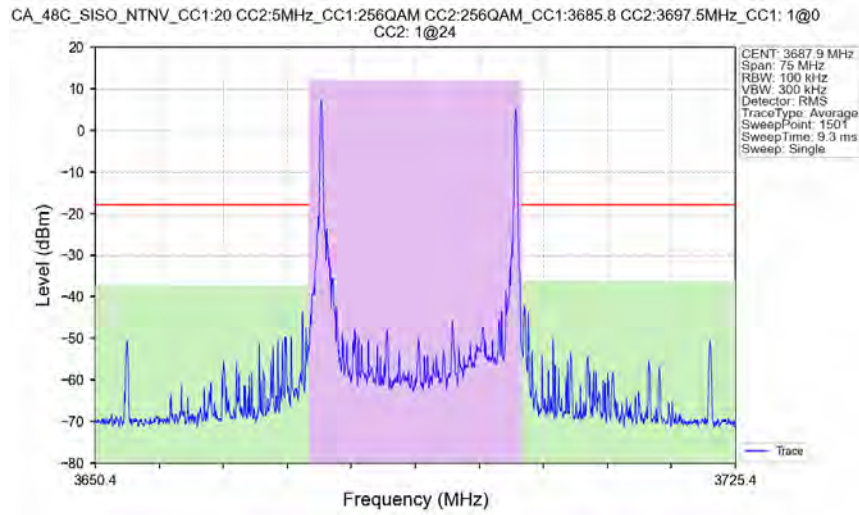
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 12.37       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.72      | -50.09 | -30         | 20.09       | Pass   |
| Adjacent | 25           | 25.00          | -36.93      | -49.30 | -30         | 19.30       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3571.7MHz\_CC1: 100@0 CC2: 25@0



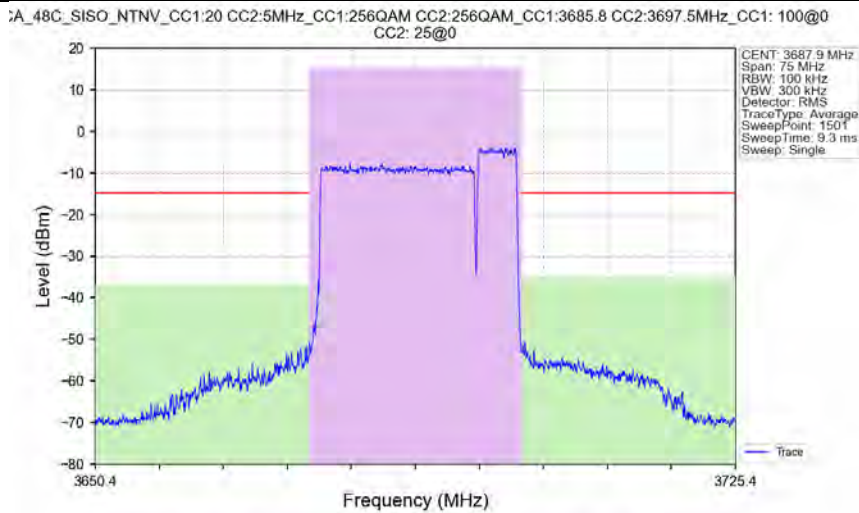
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 15.54       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.47      | -53.01 | -30         | 23.01       | Pass   |
| Adjacent | 25           | 25.00          | -35.91      | -51.45 | -30         | 21.45       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:3685.8 CC2:3697.5MHz\_CC1: 1@0 CC2: 1@24



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 12.03       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -37.39      | -49.42 | -30         | 19.42       | Pass   |
| Adjacent | 25           | 25.00          | -36.06      | -48.09 | -30         | 18.09       | Pass   |

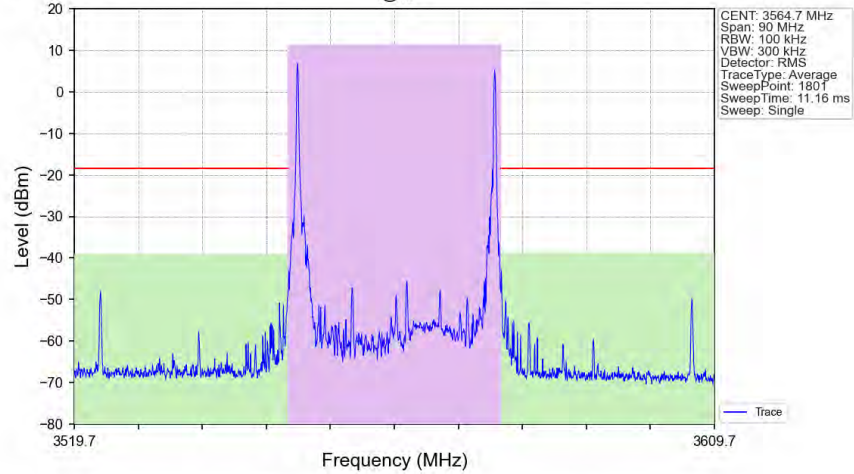
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:3685.8 CC2:3697.5MHz\_CC1: 100@0 CC2: 25@0



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 25.00          | 15.30       | /      | /           | /           | /      |
| Adjacent | -25          | 25.00          | -36.86      | -52.16 | -30         | 22.16       | Pass   |
| Adjacent | 25           | 25.00          | -35.04      | -50.34 | -30         | 20.34       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3574.4MHz CC1: 1@0 CC2: 1@49

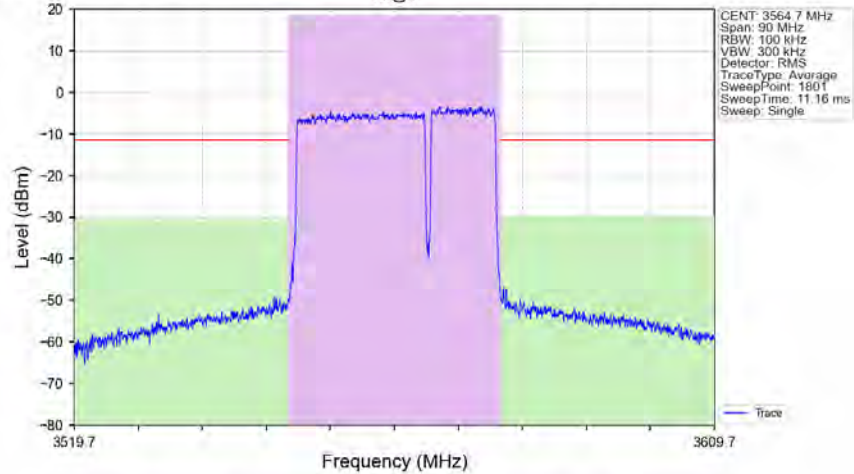
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3574.4MHz\_CC1: 1@0 CC2: 1@49



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.51       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -39.03      | -50.54 | -30         | 20.54       | Pass   |
| Adjacent | 30           | 30.00          | -38.63      | -50.14 | -30         | 20.14       | Pass   |

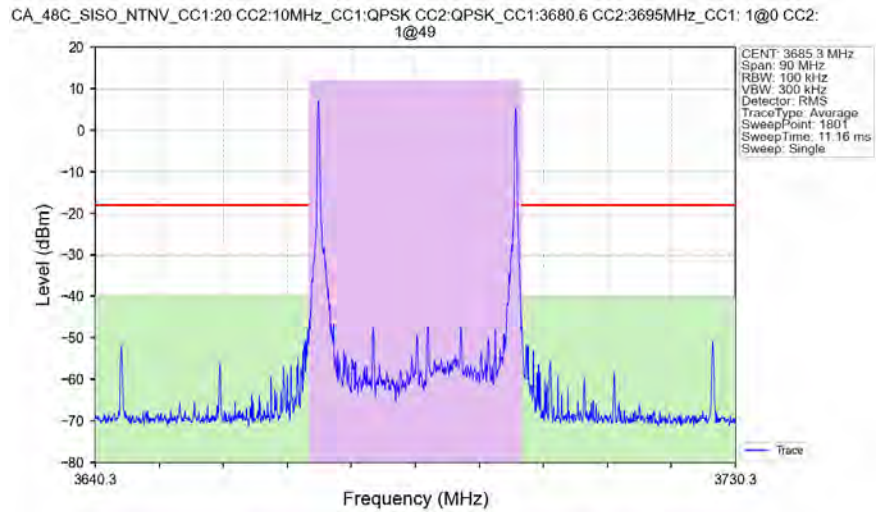
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3574.4MHz CC1: 100@0 CC2: 50@0

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3574.4MHz\_CC1: 100@0 CC2: 50@0

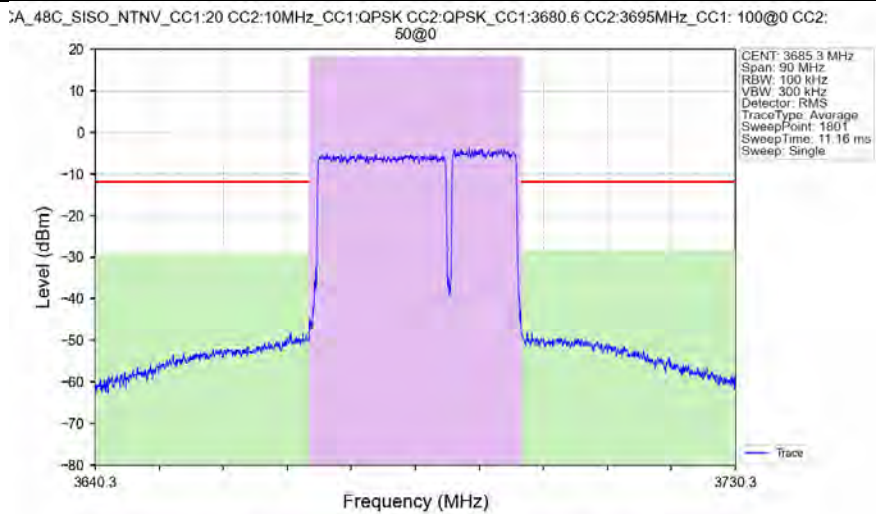


| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 18.53       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -30.74      | -49.27 | -30         | 19.27       | Pass   |
| Adjacent | 30           | 30.00          | -29.73      | -48.26 | -30         | 18.26       | Pass   |

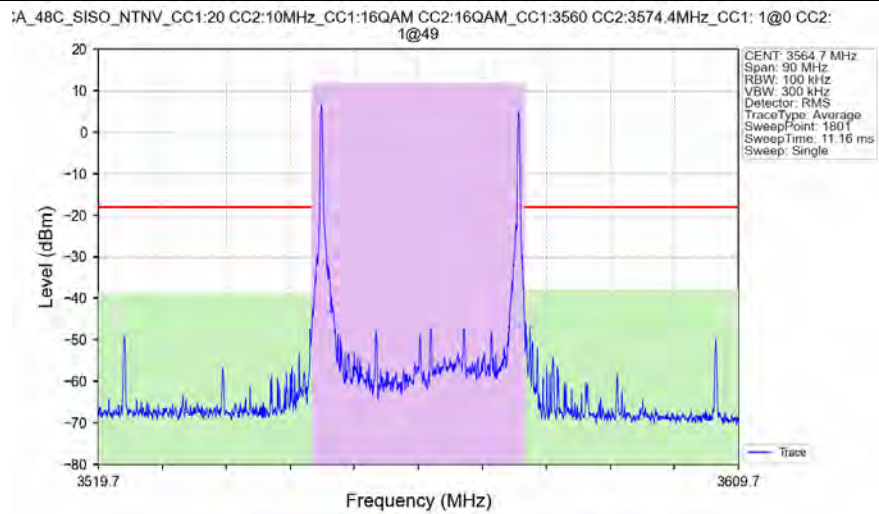
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3680.6 CC2:3695MHz CC1: 1@0 CC2: 1@49



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3680.6 CC2:3695MHz CC1: 100@0 CC2: 50@0

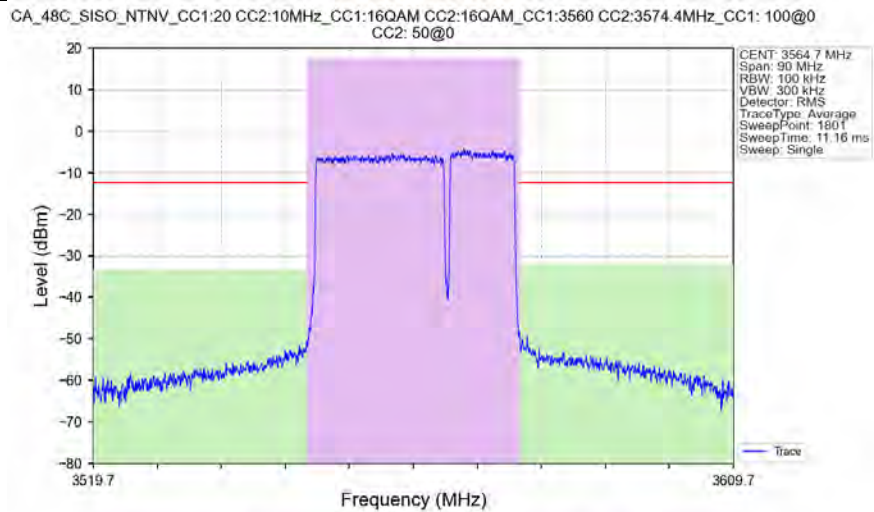


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:16QAM CC2:16QAM CC1:3560 CC2:3574.4MHz CC1: 1@0 CC2: 1@49



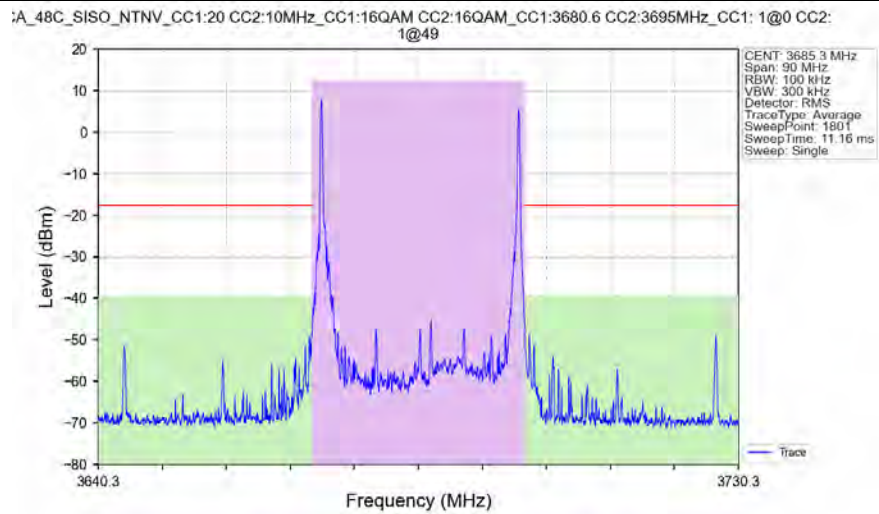
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.87       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -38.85      | -50.72 | -30         | 20.72       | Pass   |
| Adjacent | 30           | 30.00          | -37.93      | -49.80 | -30         | 19.80       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3574.4MHz\_CC1: 100@0 CC2: 50@0



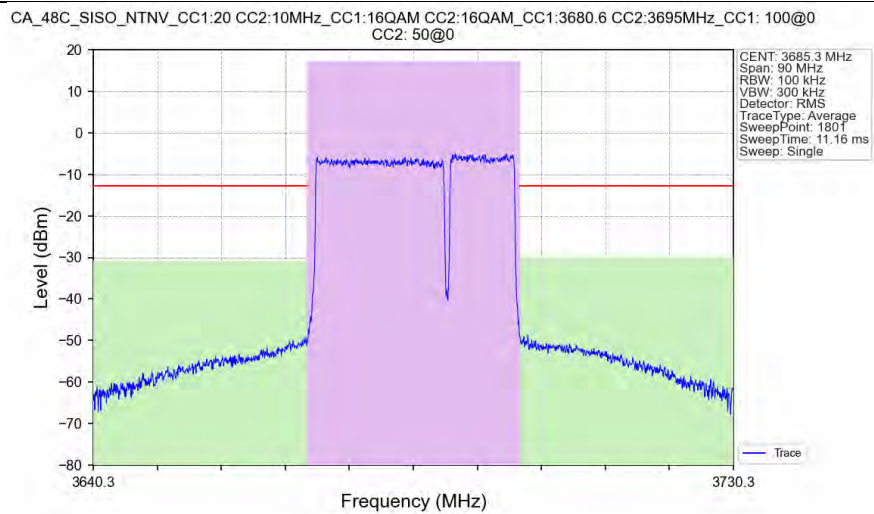
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.64       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -33.31      | -50.95 | -30         | 20.95       | Pass   |
| Adjacent | 30           | 30.00          | -32.17      | -49.81 | -30         | 19.81       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:16QAM CC2:16QAM CC1:3680.6 CC2:3695MHz CC1: 1@0 CC2: 1@49



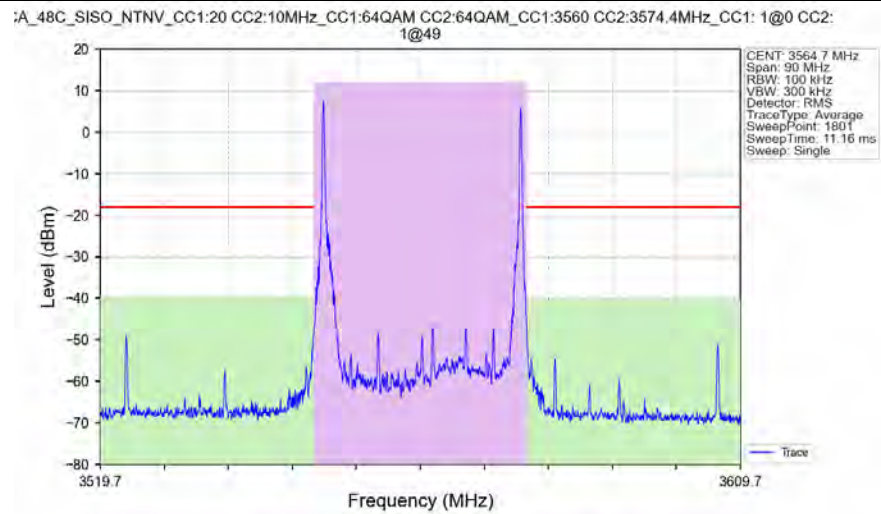
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 12.28       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -39.39      | -51.67 | -30         | 21.67       | Pass   |
| Adjacent | 30           | 30.00          | -39.22      | -51.50 | -30         | 21.50       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:16QAM CC2:16QAM CC1:3680.6 CC2:3695MHz CC1: 100@0 CC2: 50@0



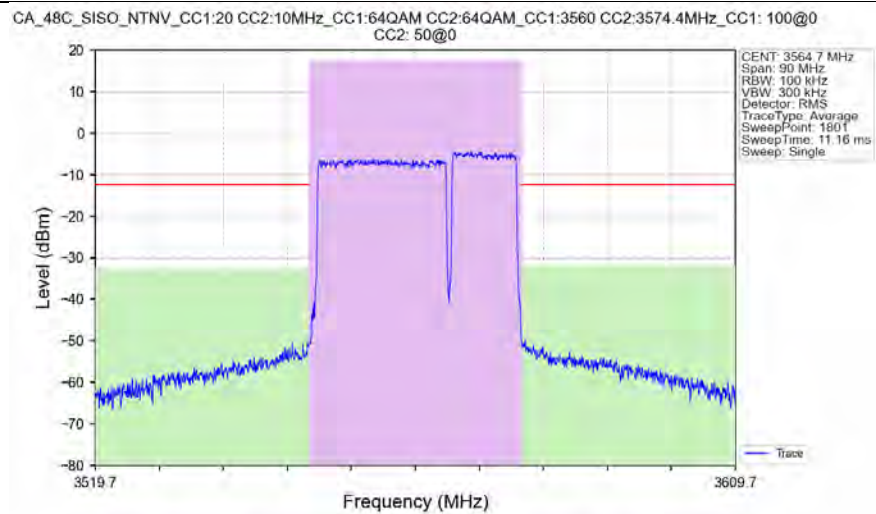
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.21       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -30.86      | -48.07 | -30         | 18.07       | Pass   |
| Adjacent | 30           | 30.00          | -29.86      | -47.07 | -30         | 17.07       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:64QAM CC2:64QAM CC1:3560 CC2:3574.4MHz CC1: 1@0 CC2: 1@49



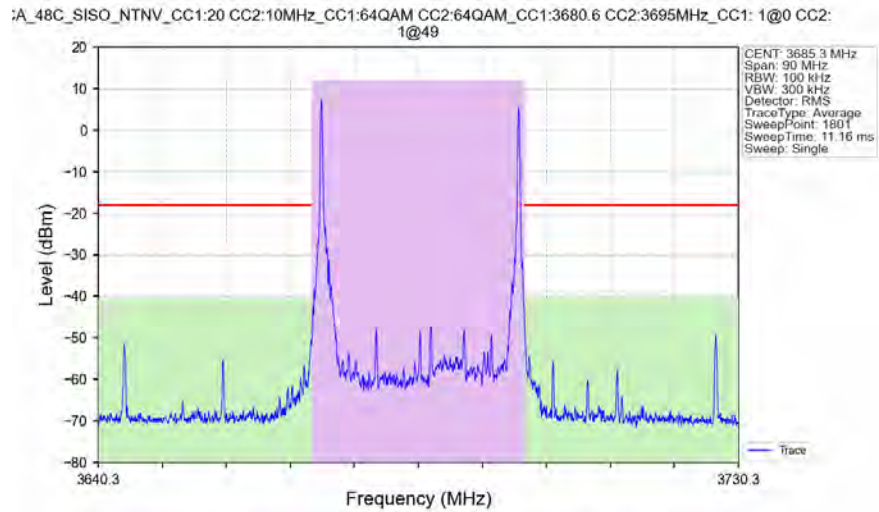
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.96       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -39.47      | -51.43 | -30         | 21.43       | Pass   |
| Adjacent | 30           | 30.00          | -40.33      | -52.29 | -30         | 22.29       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3574.4MHz\_CC1: 100@0 CC2: 50@0



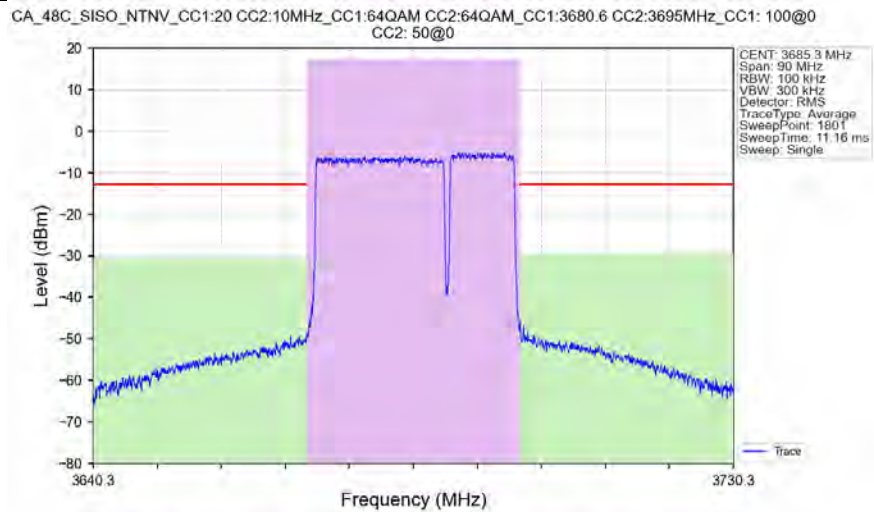
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.49       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -32.72      | -50.21 | -30         | 20.21       | Pass   |
| Adjacent | 30           | 30.00          | -31.89      | -49.38 | -30         | 19.38       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz CC1:64QAM CC2:64QAM CC1:3680.6 CC2:3695MHz CC1: 1@0 CC2: 1@49



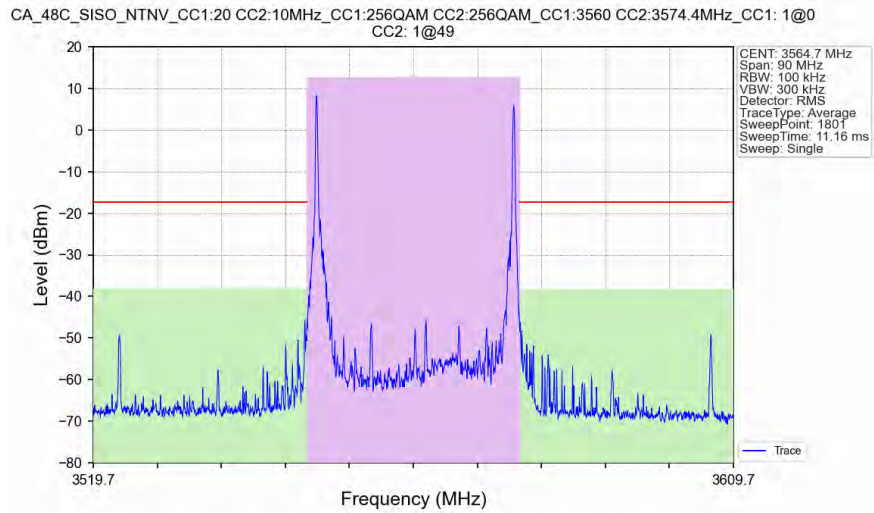
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 11.92       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -40.73      | -52.65 | -30         | 22.65       | Pass   |
| Adjacent | 30           | 30.00          | -40.33      | -52.25 | -30         | 22.25       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:64QAM CC2:64QAM\_CC1:3680.6 CC2:3695MHz\_CC1: 100@0 CC2: 50@0



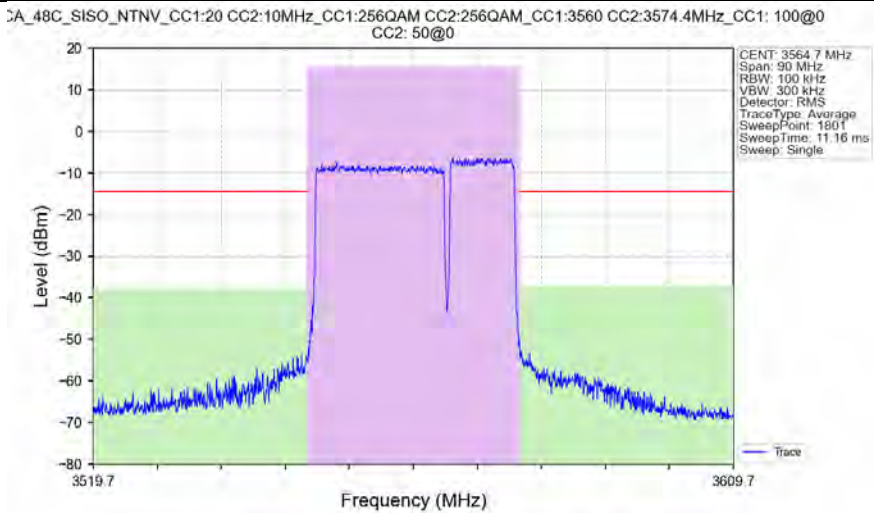
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 17.30       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -30.57      | -47.87 | -30         | 17.87       | Pass   |
| Adjacent | 30           | 30.00          | -29.53      | -46.83 | -30         | 16.83       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3574.4MHz\_CC1: 1@0 CC2: 1@49



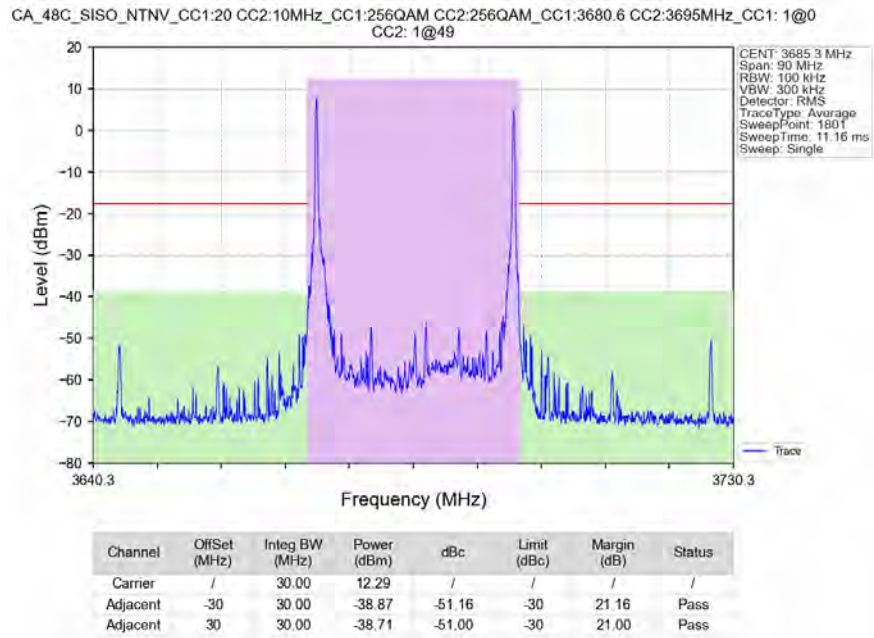
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 12.68       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -38.08      | -50.76 | -30         | 20.76       | Pass   |
| Adjacent | 30           | 30.00          | -38.25      | -50.93 | -30         | 20.93       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3574.4MHz\_CC1: 100@0 CC2: 50@0

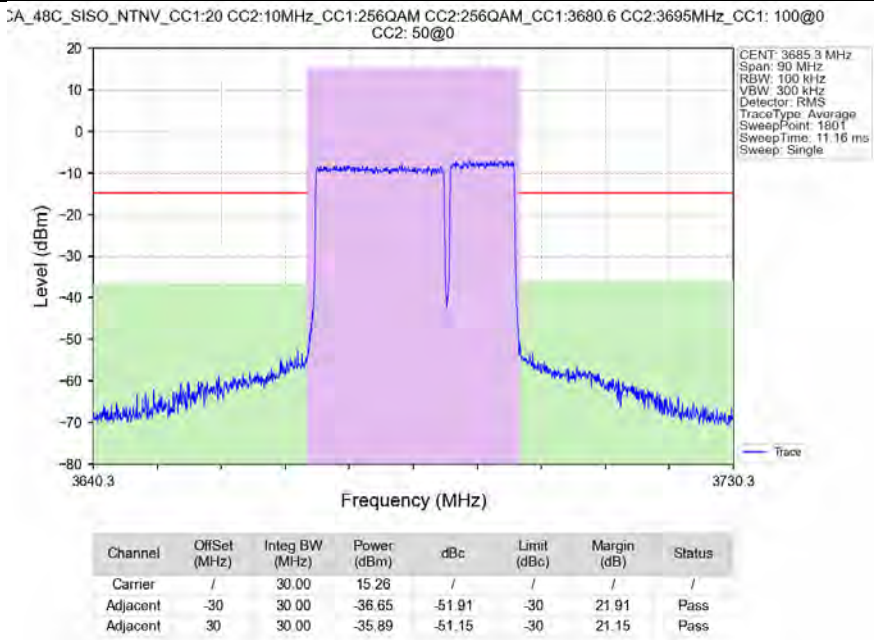


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 30.00          | 15.57       | /      | /           | /           | /      |
| Adjacent | -30          | 30.00          | -37.79      | -53.36 | -30         | 23.36       | Pass   |
| Adjacent | 30           | 30.00          | -37.15      | -52.72 | -30         | 22.72       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:3680.6 CC2:3695MHz\_CC1: 1@0 CC2: 1@49

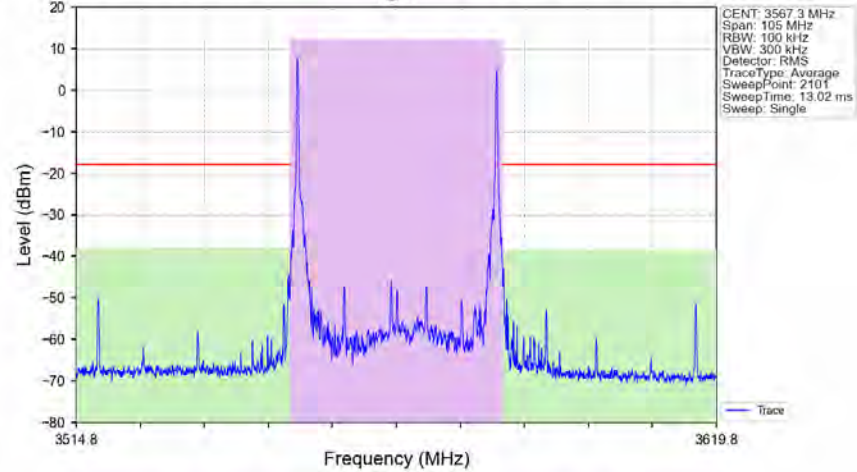


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:3680.6 CC2:3695MHz\_CC1: 100@0 CC2: 50@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3577.1MHz CC1: 1@0 CC2: 1@74

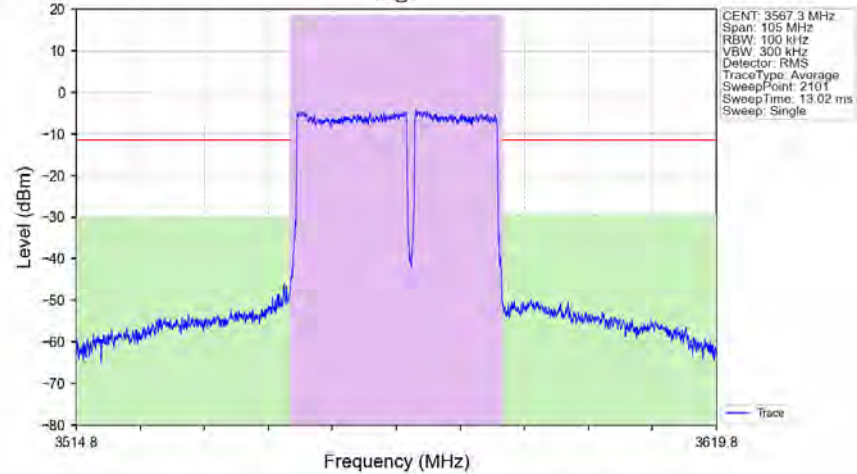
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2: 1@74



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 12.13       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -37.97      | -50.10 | -30         | 20.10       | Pass   |
| Adjacent | 35           | 35.00          | -38.45      | -50.58 | -30         | 20.58       | Pass   |

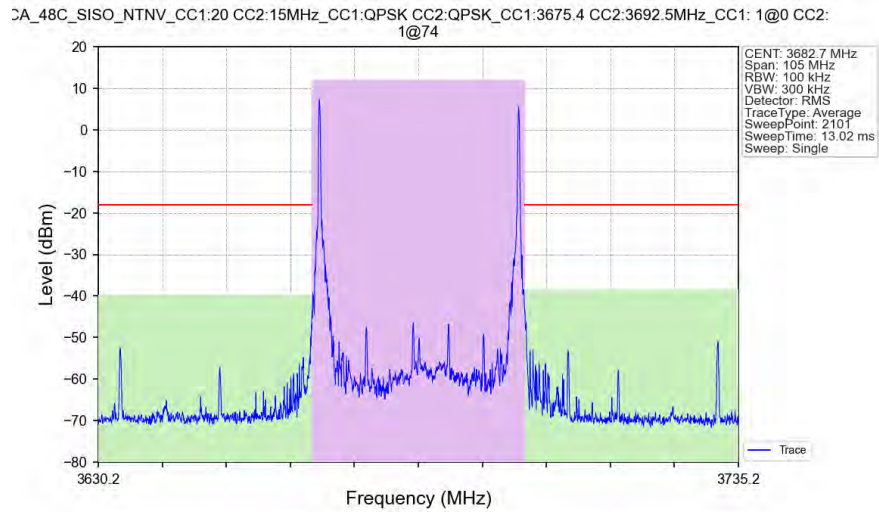
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3577.1MHz CC1: 100@0 CC2: 75@0

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0



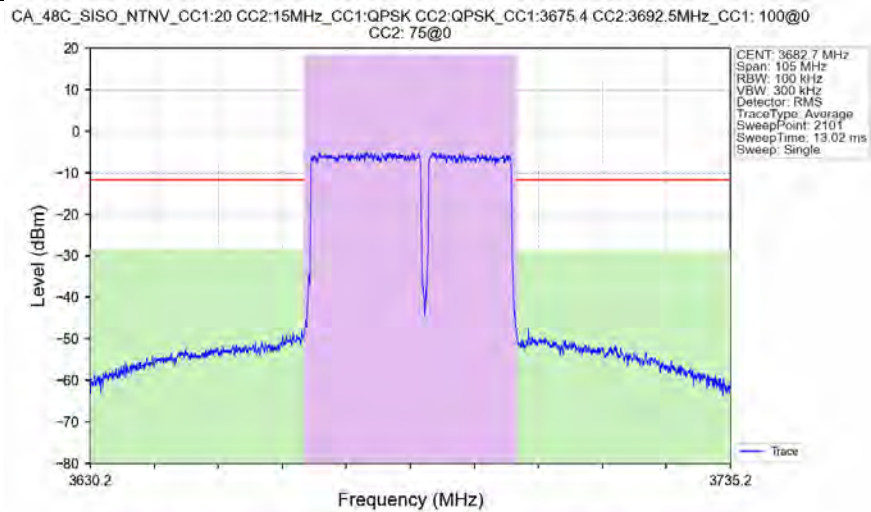
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 18.50       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -29.87      | -48.37 | -30         | 18.37       | Pass   |
| Adjacent | 35           | 35.00          | -29.37      | -47.87 | -30         | 17.87       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



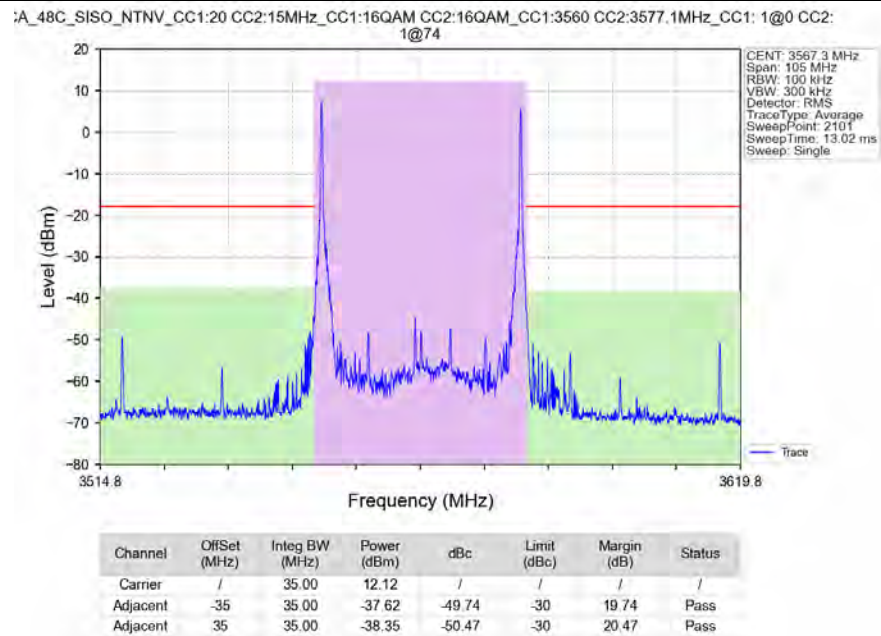
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 11.91       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -39.78      | -51.69 | -30         | 21.69       | Pass   |
| Adjacent | 35           | 35.00          | -38.43      | -50.34 | -30         | 20.34       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:QPSK CC2:QPSK\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0

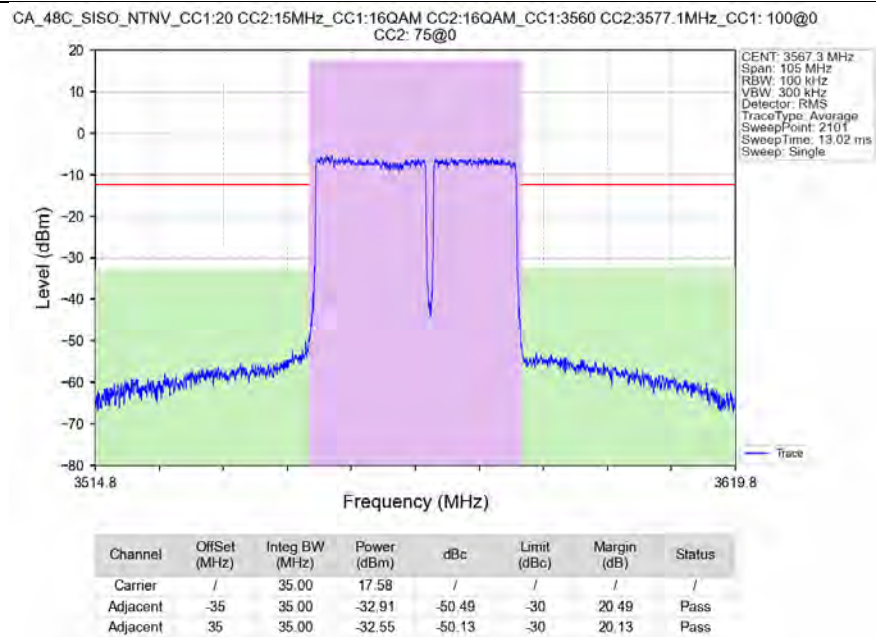


| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 18.34       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -28.47      | -46.81 | -30         | 16.81       | Pass   |
| Adjacent | 35           | 35.00          | -28.57      | -46.91 | -30         | 16.91       | Pass   |

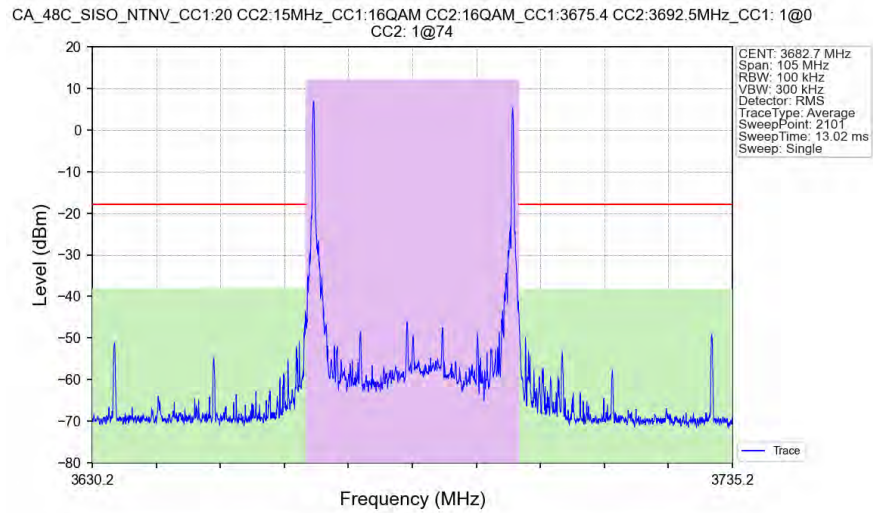
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz CC1:16QAM CC2:16QAM CC1:3560 CC2:3577.1MHz CC1: 1@0 CC2: 1@74



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:16QAM CC2:16QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2: 75@0

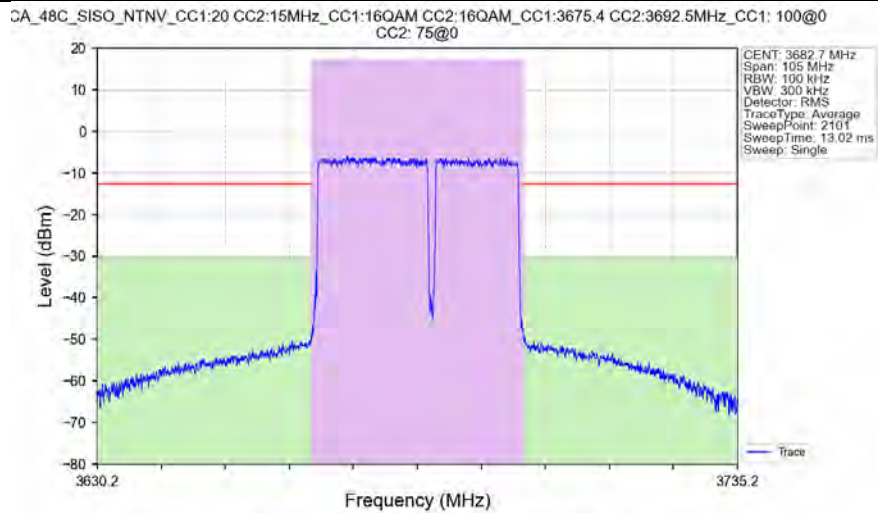


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:16QAM CC2:16QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 12.15       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -38.17      | -50.32 | -30         | 20.32       | Pass   |
| Adjacent | 35           | 35.00          | -38.36      | -50.51 | -30         | 20.51       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:16QAM CC2:16QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 17.32       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -30.26      | -47.58 | -30         | 17.58       | Pass   |
| Adjacent | 35           | 35.00          | -30.32      | -47.64 | -30         | 17.64       | Pass   |

I:A\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2:  
 1@74

CENT: 3567.3 MHz  
 Span: 105 MHz  
 RBW: 100 kHz  
 VBW: 300 kHz  
 Detector: RMS  
 TraceType: Average  
 SweepPoint: 2101  
 SweepTime: 13.02 ms  
 Sweep: Single

Level (dBm)

Frequency (MHz)

| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 12.23       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -38.61      | -50.84 | -30         | 20.84       | Pass   |
| Adjacent | 35           | 35.00          | -39.21      | -51.44 | -30         | 21.44       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0  
CC2: 75@0

Level (dBm)

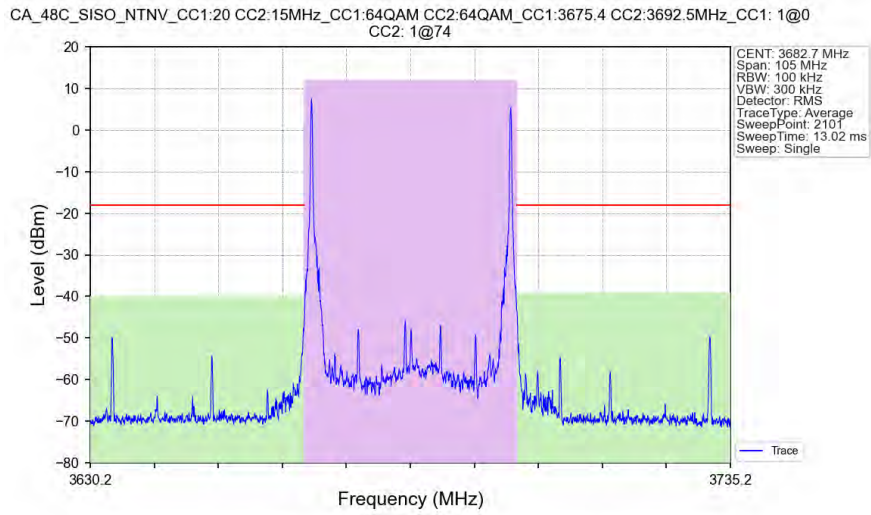
Frequency (MHz)

Trace

CENT: 3577.1 MHz  
 Span: 15 MHz  
 RBW: 100 kHz  
 VBW: 300 kHz  
 Detector: RMS  
 TraceType: Average  
 SweepPoint: 2101  
 SweepTime: 13.02 ms  
 Sweep: Single

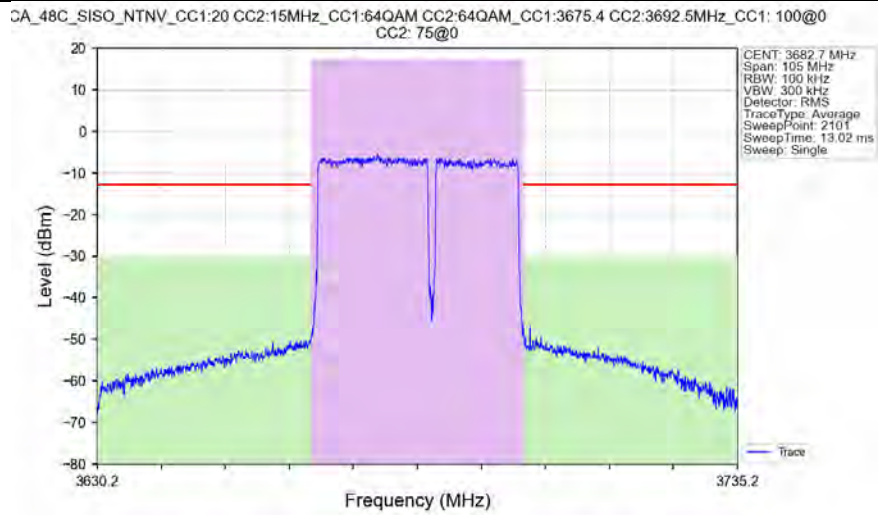
| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 17.57       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -32.22      | -49.79 | -30         | 19.79       | Pass   |
| Adjacent | 35           | 35.00          | -31.60      | -49.17 | -30         | 19.17       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74



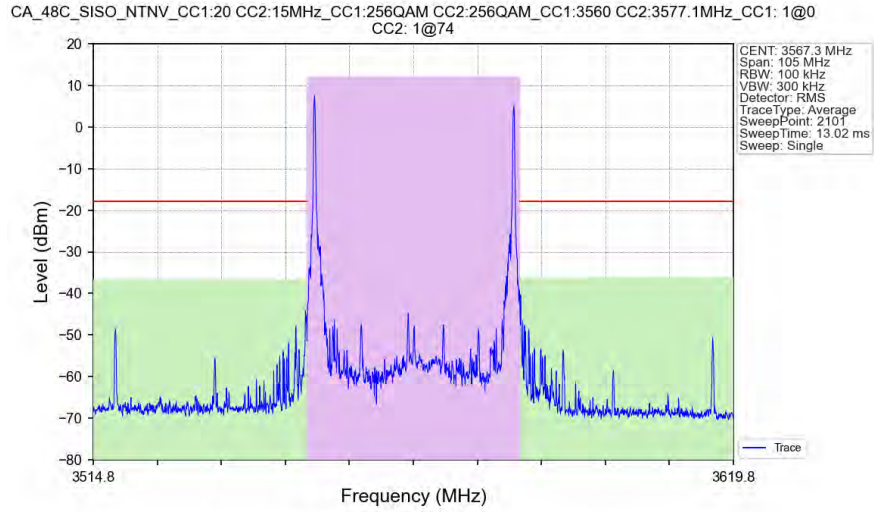
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 12.01       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -39.86      | -51.87 | -30         | 21.87       | Pass   |
| Adjacent | 35           | 35.00          | -38.93      | -50.94 | -30         | 20.94       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:64QAM CC2:64QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



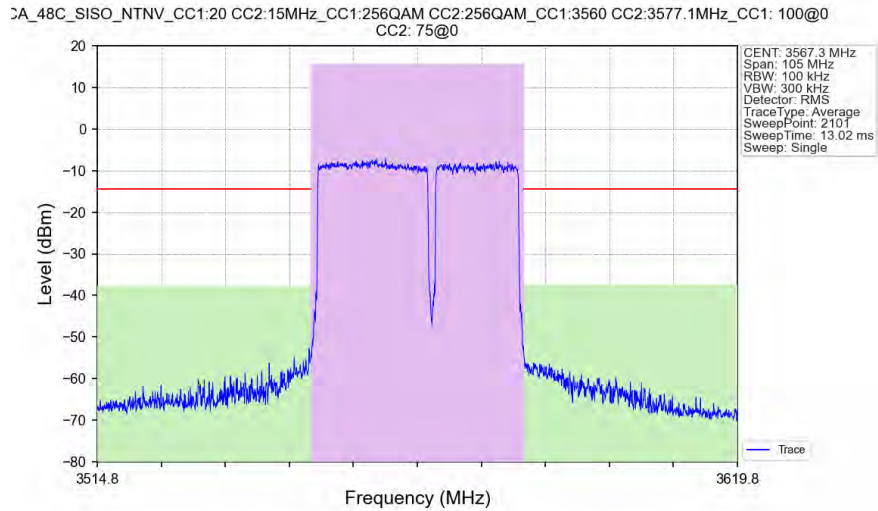
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 17.30       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -30.08      | -47.38 | -30         | 17.38       | Pass   |
| Adjacent | 35           | 35.00          | -30.08      | -47.38 | -30         | 17.38       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 1@0 CC2:  
1@74



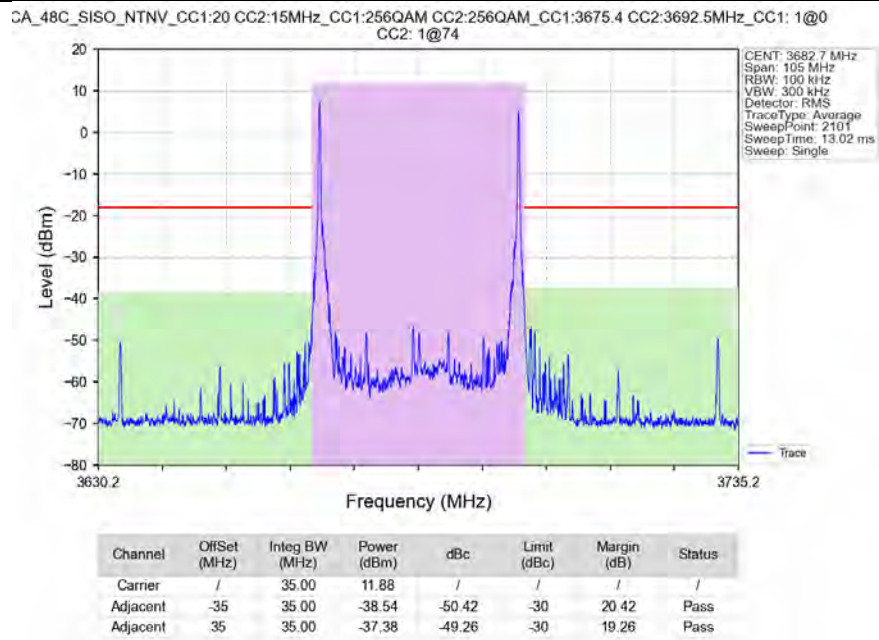
| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 12.17       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -36.68      | -48.85 | -30         | 18.85       | Pass   |
| Adjacent | 35           | 35.00          | -36.08      | -48.25 | -30         | 18.25       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3560 CC2:3577.1MHz\_CC1: 100@0 CC2:  
75@0

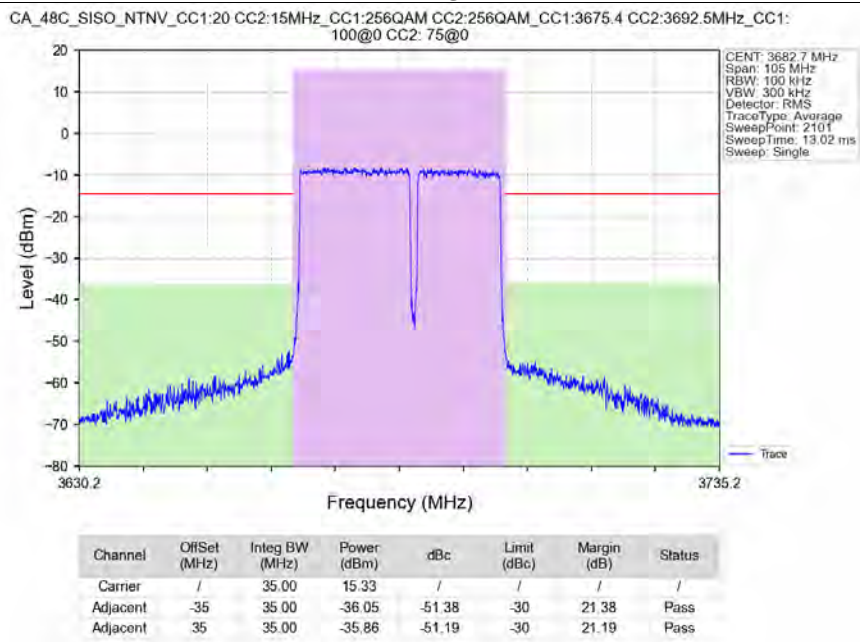


| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 35.00          | 15.63       | /      | /           | /           | /      |
| Adjacent | -35          | 35.00          | -37.67      | -53.30 | -30         | 23.30       | Pass   |
| Adjacent | 35           | 35.00          | -37.34      | -52.97 | -30         | 22.97       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 1@0 CC2: 1@74

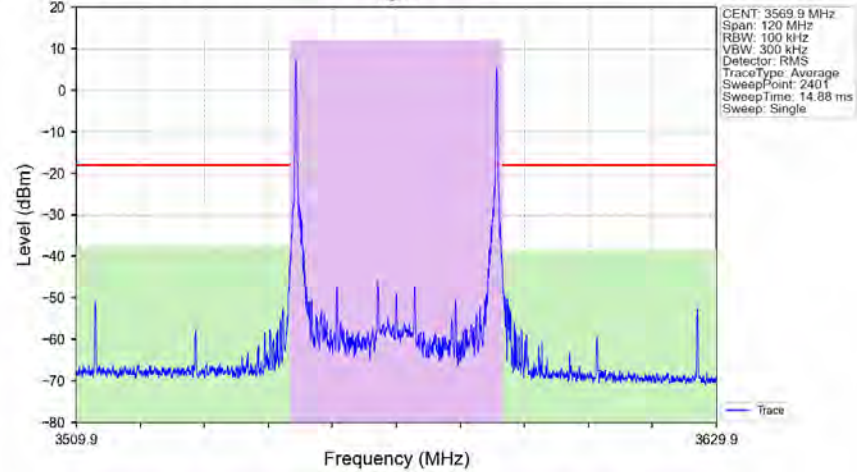


CA\_48C\_SISO\_NTNV\_CC1:20 CC2:15MHz\_CC1:256QAM CC2:256QAM\_CC1:3675.4 CC2:3692.5MHz\_CC1: 100@0 CC2: 75@0



CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3579.8MHz CC1: 1@0 CC2: 1@99

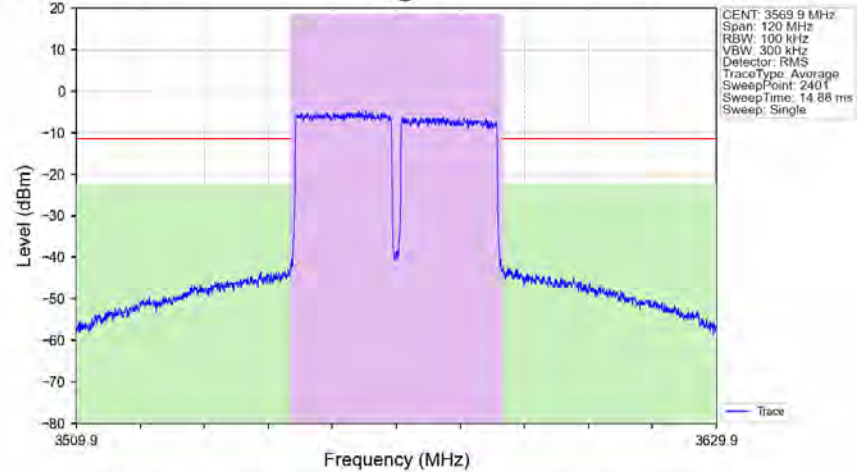
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 1@0 CC2: 1@99



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 40.00          | 12.00       | /      | /           | /           | /      |
| Adjacent | -40          | 40.00          | -37.50      | -49.50 | -30         | 19.50       | Pass   |
| Adjacent | 40           | 40.00          | -38.41      | -50.41 | -30         | 20.41       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0

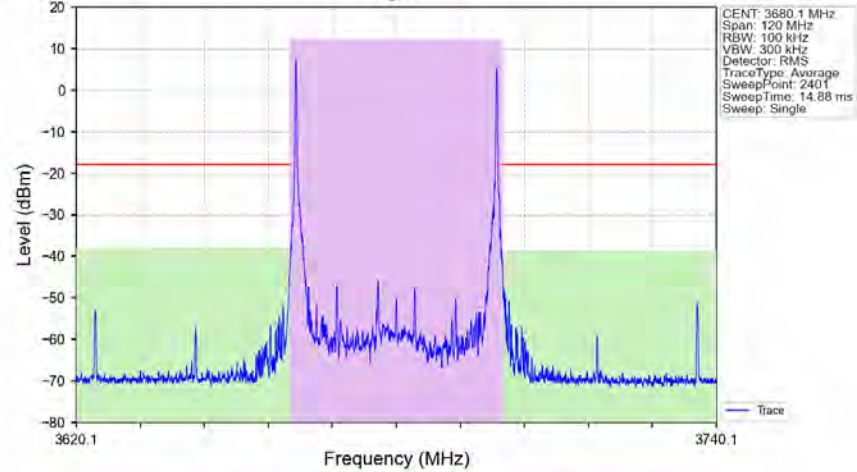
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3560 CC2:3579.8MHz\_CC1: 100@0 CC2: 100@0



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 40.00          | 18.54       | /      | /           | /           | /      |
| Adjacent | -40          | 40.00          | -22.50      | -41.04 | -30         | 11.04       | Pass   |
| Adjacent | 40           | 40.00          | -22.18      | -40.72 | -30         | 10.72       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz CC1:QPSK CC2:QPSK CC1:3670.2 CC2:3690MHz CC1: 1@0 CC2: 1@99

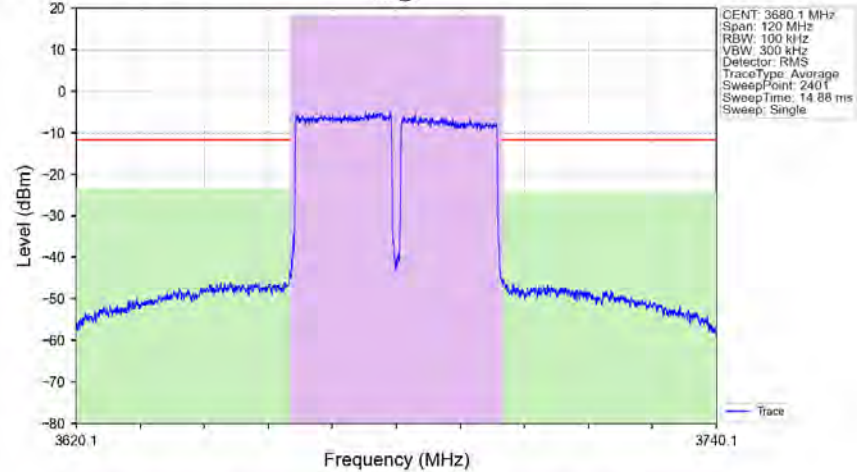
CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 1@0 CC2: 1@99



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 40.00          | 12.17       | /      | /           | /           | /      |
| Adjacent | -40          | 40.00          | -37.95      | -50.12 | -30         | 20.12       | Pass   |
| Adjacent | 40           | 40.00          | -38.67      | -50.84 | -30         | 20.84       | Pass   |

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0

CA\_48C\_SISO\_NTNV\_CC1:20 CC2:20MHz\_CC1:QPSK CC2:QPSK\_CC1:3670.2 CC2:3690MHz\_CC1: 100@0 CC2: 100@0



| Channel  | Offset (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 40.00          | 18.22       | /      | /           | /           | /      |
| Adjacent | -40          | 40.00          | -23.44      | -41.66 | -30         | 11.66       | Pass   |
| Adjacent | 40           | 40.00          | -24.19      | -42.41 | -30         | 12.41       | Pass   |