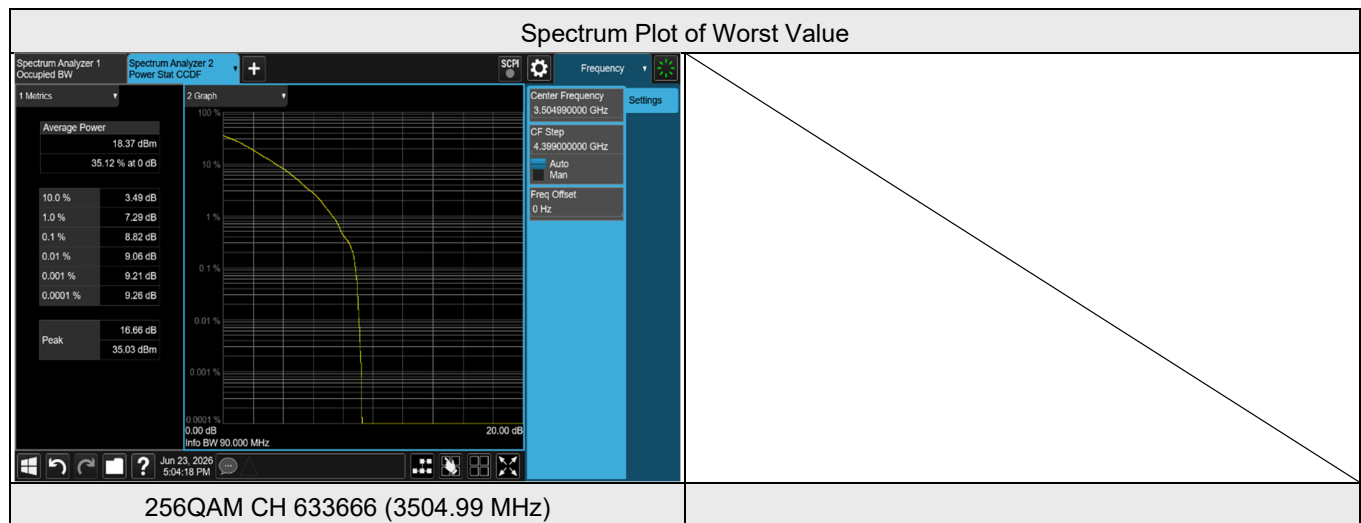


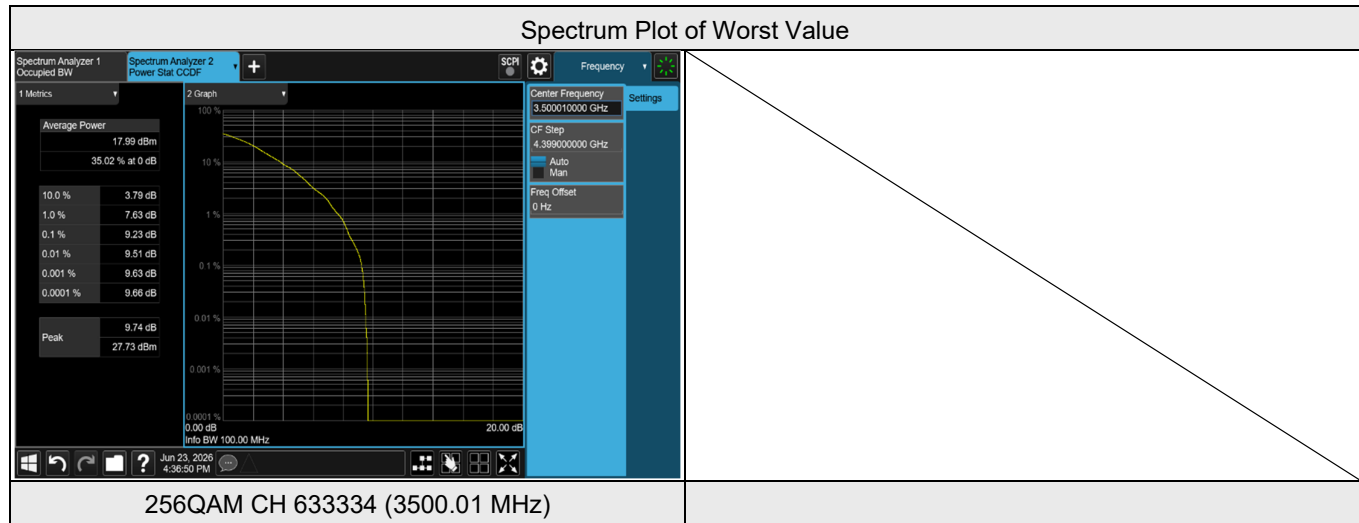
**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 633000  | 3495            | 4.48                  | 13         | PASS   |
| BPSK       | 633334  | 3500.01         | 4.59                  | 13         | PASS   |
| BPSK       | 633666  | 3504.99         | 4.58                  | 13         | PASS   |
| QPSK       | 633000  | 3495            | 7.79                  | 13         | PASS   |
| QPSK       | 633334  | 3500.01         | 7.68                  | 13         | PASS   |
| QPSK       | 633666  | 3504.99         | 7.79                  | 13         | PASS   |
| 16QAM      | 633000  | 3495            | 7.84                  | 13         | PASS   |
| 16QAM      | 633334  | 3500.01         | 7.82                  | 13         | PASS   |
| 16QAM      | 633666  | 3504.99         | 7.76                  | 13         | PASS   |
| 64QAM      | 633000  | 3495            | 7.92                  | 13         | PASS   |
| 64QAM      | 633334  | 3500.01         | 8.07                  | 13         | PASS   |
| 64QAM      | 633666  | 3504.99         | 8.19                  | 13         | PASS   |
| 256QAM     | 633000  | 3495            | 8.68                  | 13         | PASS   |
| 256QAM     | 633334  | 3500.01         | 8.76                  | 13         | PASS   |
| 256QAM     | 633666  | 3504.99         | 8.82                  | 13         | PASS   |



**NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 633334  | 3500.01         | 5.45                  | 13         | PASS   |
| QPSK       | 633334  | 3500.01         | 8.01                  | 13         | PASS   |
| 16QAM      | 633334  | 3500.01         | 8.28                  | 13         | PASS   |
| 64QAM      | 633334  | 3500.01         | 8.29                  | 13         | PASS   |
| 256QAM     | 633334  | 3500.01         | 9.23                  | 13         | PASS   |

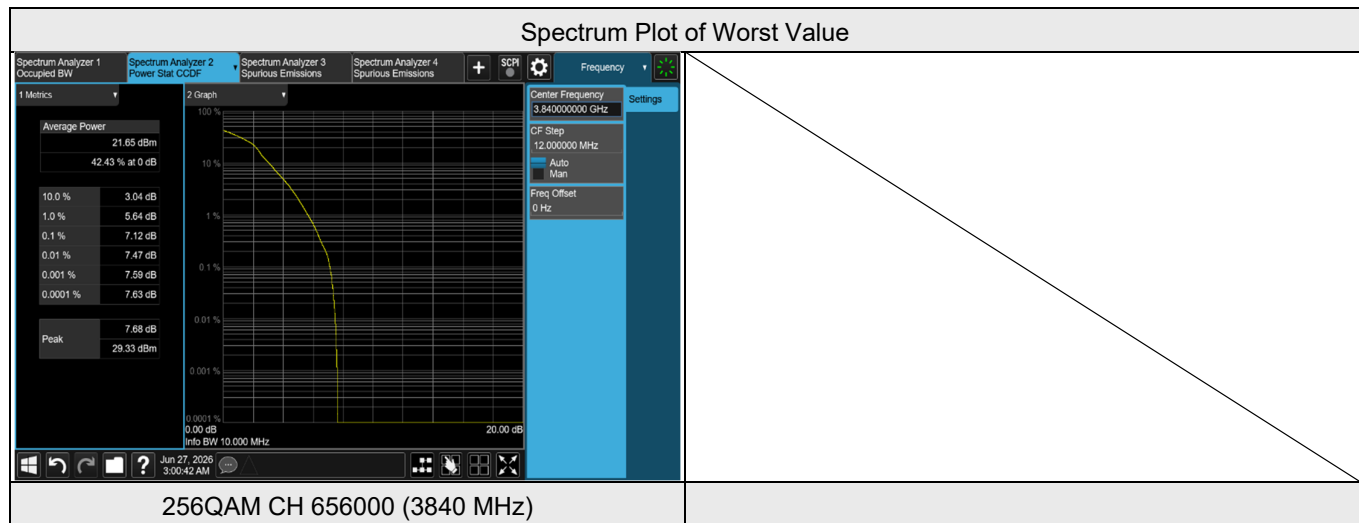


### 7.3.6 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

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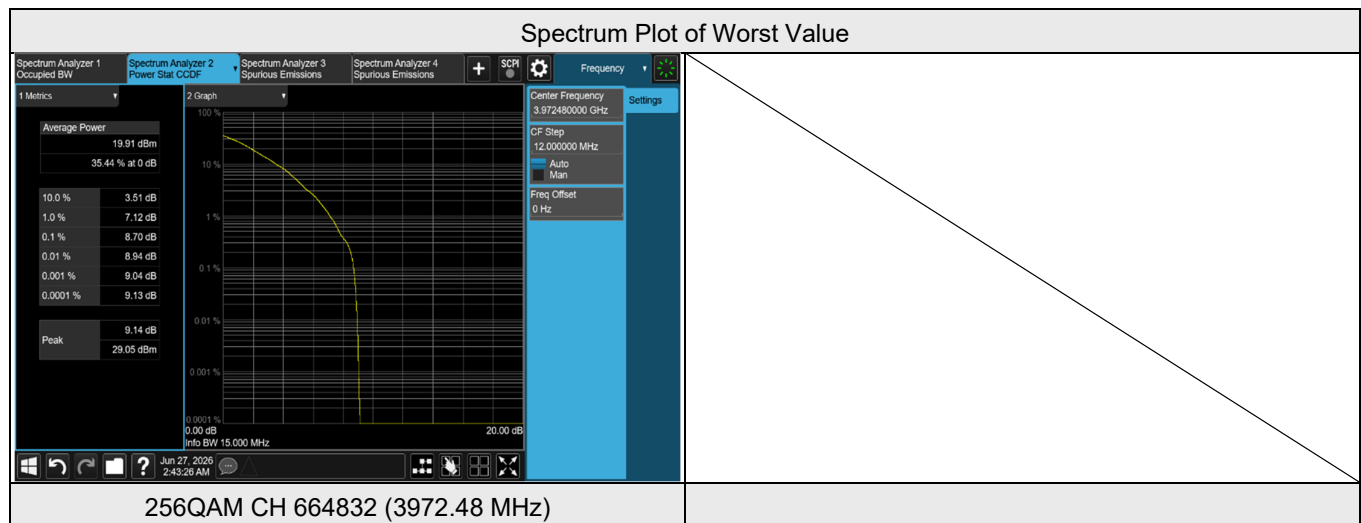
#### NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647000  | 3705            | 4.50                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.56                  | 13         | PASS   |
| BPSK       | 665000  | 3975            | 4.40                  | 13         | PASS   |
| QPSK       | 647000  | 3705            | 4.92                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 5.70                  | 13         | PASS   |
| QPSK       | 665000  | 3975            | 5.54                  | 13         | PASS   |
| 16QAM      | 647000  | 3705            | 6.02                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 6.80                  | 13         | PASS   |
| 16QAM      | 665000  | 3975            | 6.19                  | 13         | PASS   |
| 64QAM      | 647000  | 3705            | 6.99                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.02                  | 13         | PASS   |
| 64QAM      | 665000  | 3975            | 6.81                  | 13         | PASS   |
| 256QAM     | 647000  | 3705            | 7.03                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 7.12                  | 13         | PASS   |
| 256QAM     | 665000  | 3975            | 7.04                  | 13         | PASS   |



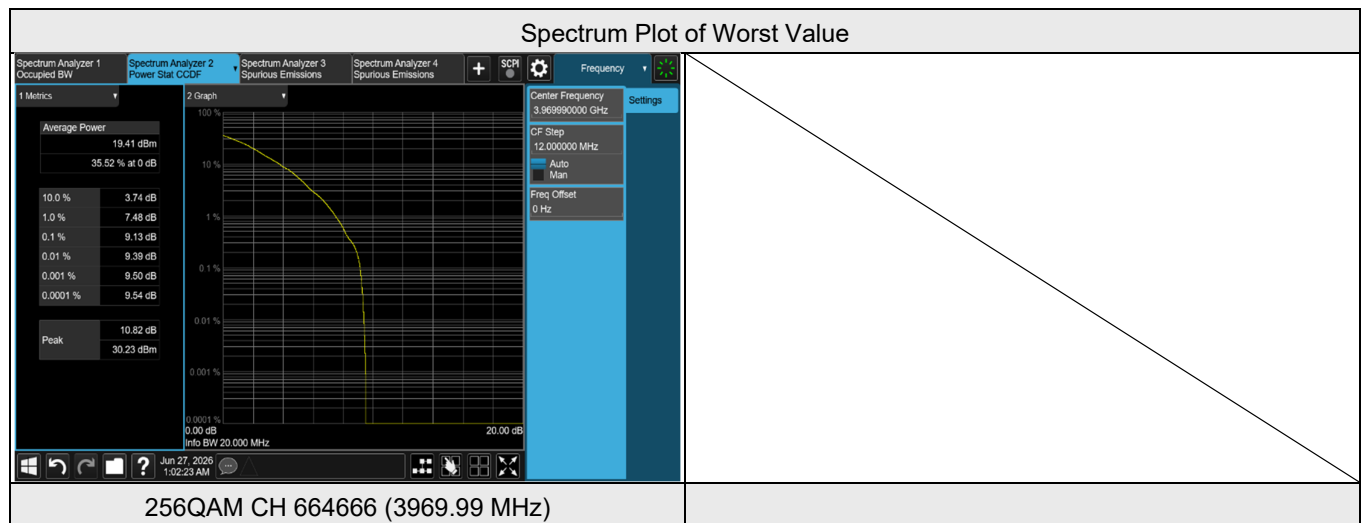
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647168  | 3707.52         | 4.48                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.62                  | 13         | PASS   |
| BPSK       | 664832  | 3972.48         | 4.41                  | 13         | PASS   |
| QPSK       | 647168  | 3707.52         | 7.39                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.65                  | 13         | PASS   |
| QPSK       | 664832  | 3972.48         | 7.36                  | 13         | PASS   |
| 16QAM      | 647168  | 3707.52         | 7.41                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.48                  | 13         | PASS   |
| 16QAM      | 664832  | 3972.48         | 7.50                  | 13         | PASS   |
| 64QAM      | 647168  | 3707.52         | 8.15                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.04                  | 13         | PASS   |
| 64QAM      | 664832  | 3972.48         | 8.11                  | 13         | PASS   |
| 256QAM     | 647168  | 3707.52         | 8.67                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.57                  | 13         | PASS   |
| 256QAM     | 664832  | 3972.48         | 8.70                  | 13         | PASS   |



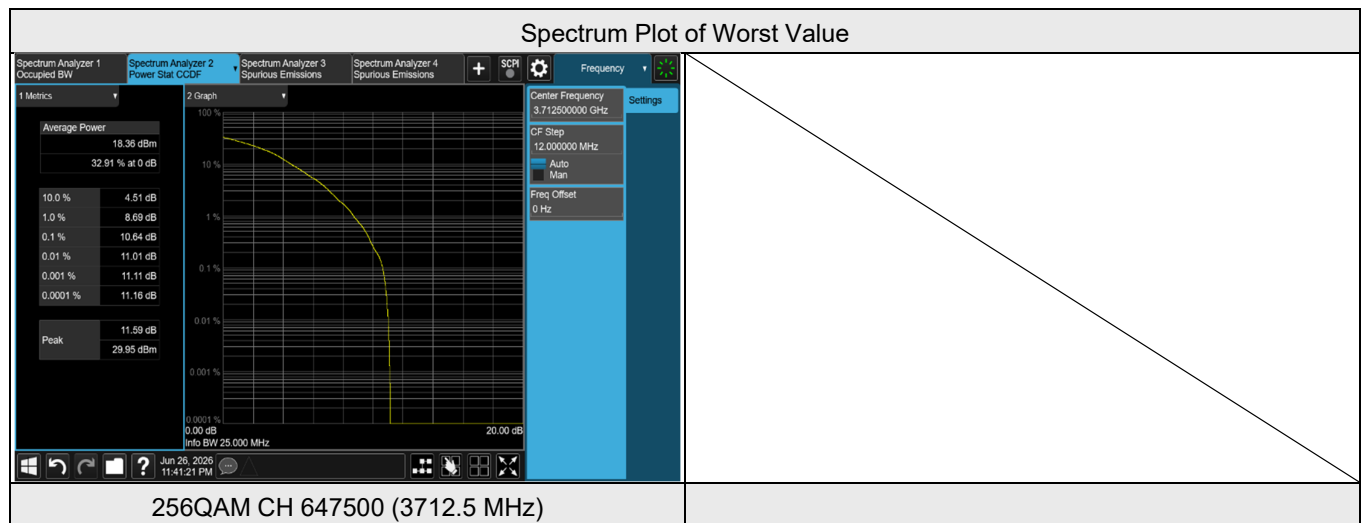
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647334  | 3710.01         | 4.76                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.84                  | 13         | PASS   |
| BPSK       | 664666  | 3969.99         | 5.09                  | 13         | PASS   |
| QPSK       | 647334  | 3710.01         | 7.52                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.45                  | 13         | PASS   |
| QPSK       | 664666  | 3969.99         | 7.81                  | 13         | PASS   |
| 16QAM      | 647334  | 3710.01         | 7.66                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.72                  | 13         | PASS   |
| 16QAM      | 664666  | 3969.99         | 8.03                  | 13         | PASS   |
| 64QAM      | 647334  | 3710.01         | 8.14                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 9.05                  | 13         | PASS   |
| 64QAM      | 664666  | 3969.99         | 8.54                  | 13         | PASS   |
| 256QAM     | 647334  | 3710.01         | 8.71                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.00                  | 13         | PASS   |
| 256QAM     | 664666  | 3969.99         | 9.13                  | 13         | PASS   |



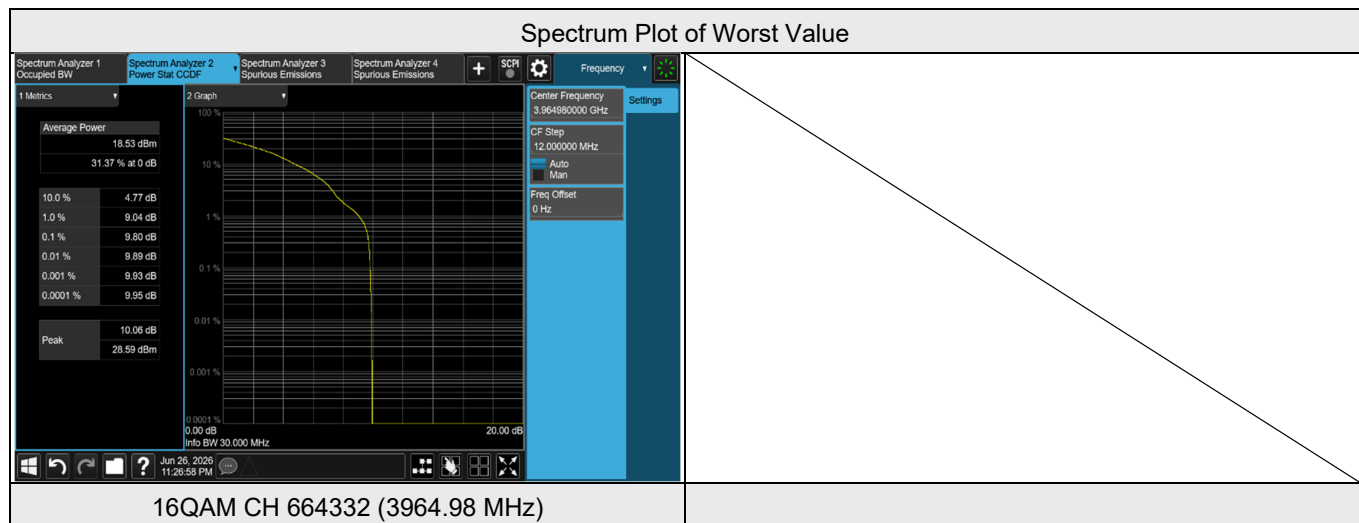
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 25 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647500  | 3712.5          | 6.07                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 6.07                  | 13         | PASS   |
| BPSK       | 664500  | 3967.5          | 6.34                  | 13         | PASS   |
| QPSK       | 647500  | 3712.5          | 9.16                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 9.17                  | 13         | PASS   |
| QPSK       | 664500  | 3967.5          | 9.68                  | 13         | PASS   |
| 16QAM      | 647500  | 3712.5          | 9.39                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 9.24                  | 13         | PASS   |
| 16QAM      | 664500  | 3967.5          | 10.37                 | 13         | PASS   |
| 64QAM      | 647500  | 3712.5          | 9.86                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 9.29                  | 13         | PASS   |
| 64QAM      | 664500  | 3967.5          | 9.97                  | 13         | PASS   |
| 256QAM     | 647500  | 3712.5          | 10.64                 | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 10.30                 | 13         | PASS   |
| 256QAM     | 664500  | 3967.5          | 10.40                 | 13         | PASS   |



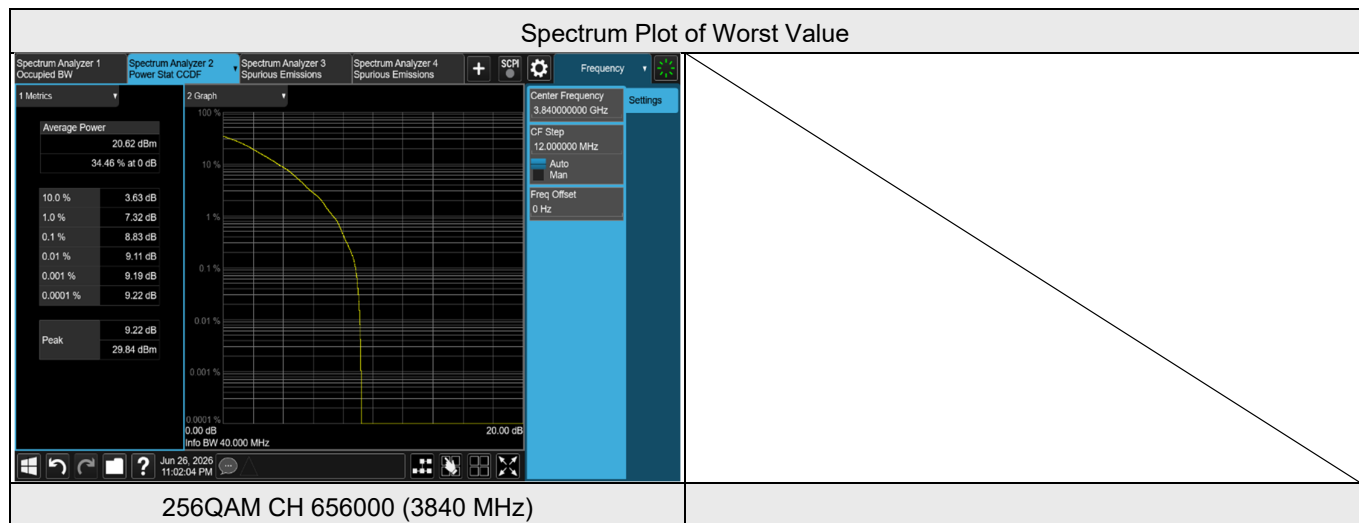
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 30 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647668  | 3715.02         | 5.78                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 6.06                  | 13         | PASS   |
| BPSK       | 664332  | 3964.98         | 5.89                  | 13         | PASS   |
| QPSK       | 647668  | 3715.02         | 8.32                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.89                  | 13         | PASS   |
| QPSK       | 664332  | 3964.98         | 8.61                  | 13         | PASS   |
| 16QAM      | 647668  | 3715.02         | 8.88                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 9.21                  | 13         | PASS   |
| 16QAM      | 664332  | 3964.98         | 9.80                  | 13         | PASS   |
| 64QAM      | 647668  | 3715.02         | 9.44                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.71                  | 13         | PASS   |
| 64QAM      | 664332  | 3964.98         | 9.31                  | 13         | PASS   |
| 256QAM     | 647668  | 3715.02         | 9.73                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.71                  | 13         | PASS   |
| 256QAM     | 664332  | 3964.98         | 9.78                  | 13         | PASS   |



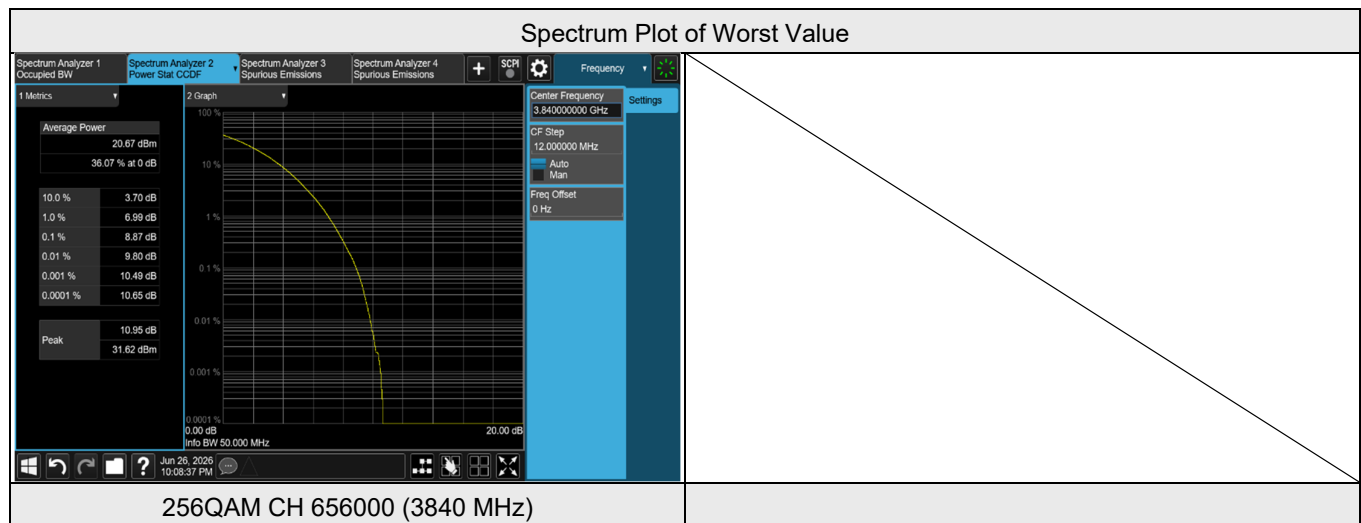
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 40 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648000  | 3720            | 4.57                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 5.03                  | 13         | PASS   |
| BPSK       | 664000  | 3960            | 4.42                  | 13         | PASS   |
| QPSK       | 648000  | 3720            | 7.46                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.93                  | 13         | PASS   |
| QPSK       | 664000  | 3960            | 7.78                  | 13         | PASS   |
| 16QAM      | 648000  | 3720            | 7.92                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.69                  | 13         | PASS   |
| 16QAM      | 664000  | 3960            | 7.91                  | 13         | PASS   |
| 64QAM      | 648000  | 3720            | 8.22                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.34                  | 13         | PASS   |
| 64QAM      | 664000  | 3960            | 8.25                  | 13         | PASS   |
| 256QAM     | 648000  | 3720            | 8.77                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.83                  | 13         | PASS   |
| 256QAM     | 664000  | 3960            | 8.65                  | 13         | PASS   |



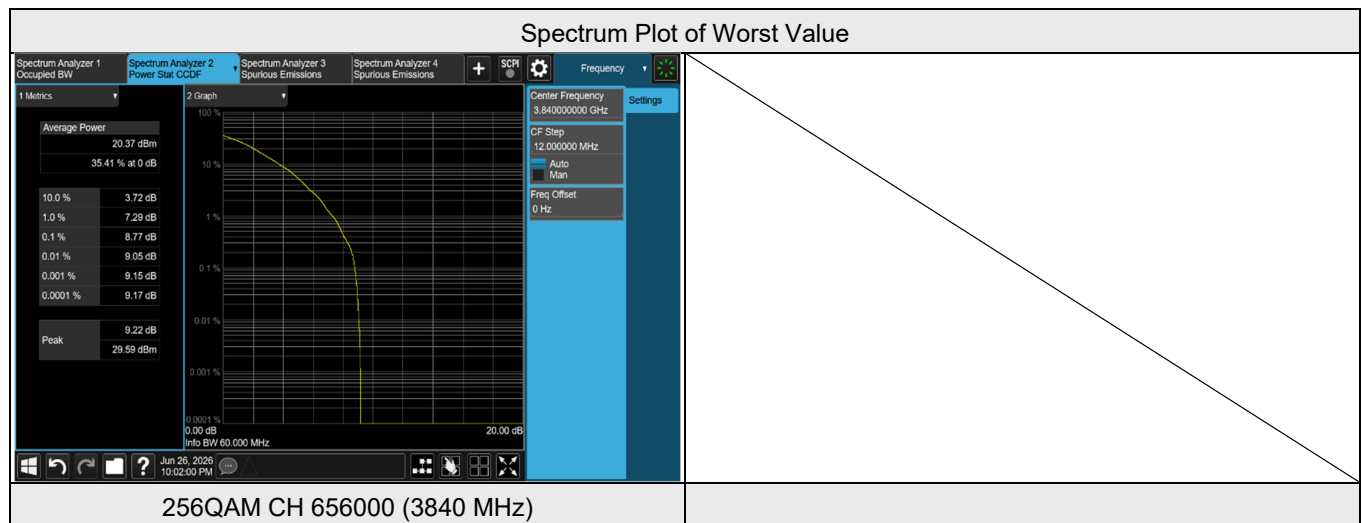
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648334  | 3725.01         | 4.50                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.40                  | 13         | PASS   |
| BPSK       | 663666  | 3954.99         | 4.78                  | 13         | PASS   |
| QPSK       | 648334  | 3725.01         | 7.57                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.07                  | 13         | PASS   |
| QPSK       | 663666  | 3954.99         | 7.45                  | 13         | PASS   |
| 16QAM      | 648334  | 3725.01         | 7.53                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 6.99                  | 13         | PASS   |
| 16QAM      | 663666  | 3954.99         | 7.48                  | 13         | PASS   |
| 64QAM      | 648334  | 3725.01         | 7.54                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.51                  | 13         | PASS   |
| 64QAM      | 663666  | 3954.99         | 7.76                  | 13         | PASS   |
| 256QAM     | 648334  | 3725.01         | 8.25                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.87                  | 13         | PASS   |
| 256QAM     | 663666  | 3954.99         | 8.65                  | 13         | PASS   |



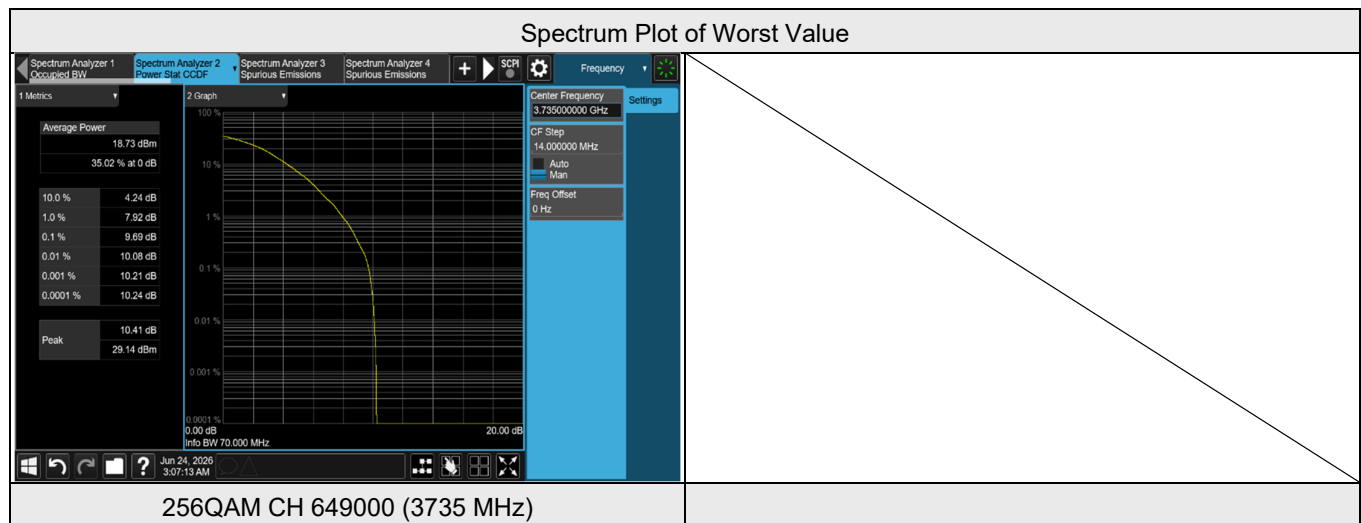
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 60 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648668  | 3730.02         | 4.28                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.18                  | 13         | PASS   |
| BPSK       | 663332  | 3949.98         | 4.32                  | 13         | PASS   |
| QPSK       | 648668  | 3730.02         | 7.89                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.18                  | 13         | PASS   |
| QPSK       | 663332  | 3949.98         | 7.59                  | 13         | PASS   |
| 16QAM      | 648668  | 3730.02         | 7.74                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.83                  | 13         | PASS   |
| 16QAM      | 663332  | 3949.98         | 7.48                  | 13         | PASS   |
| 64QAM      | 648668  | 3730.02         | 8.04                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.12                  | 13         | PASS   |
| 64QAM      | 663332  | 3949.98         | 7.72                  | 13         | PASS   |
| 256QAM     | 648668  | 3730.02         | 8.29                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.77                  | 13         | PASS   |
| 256QAM     | 663332  | 3949.98         | 8.56                  | 13         | PASS   |



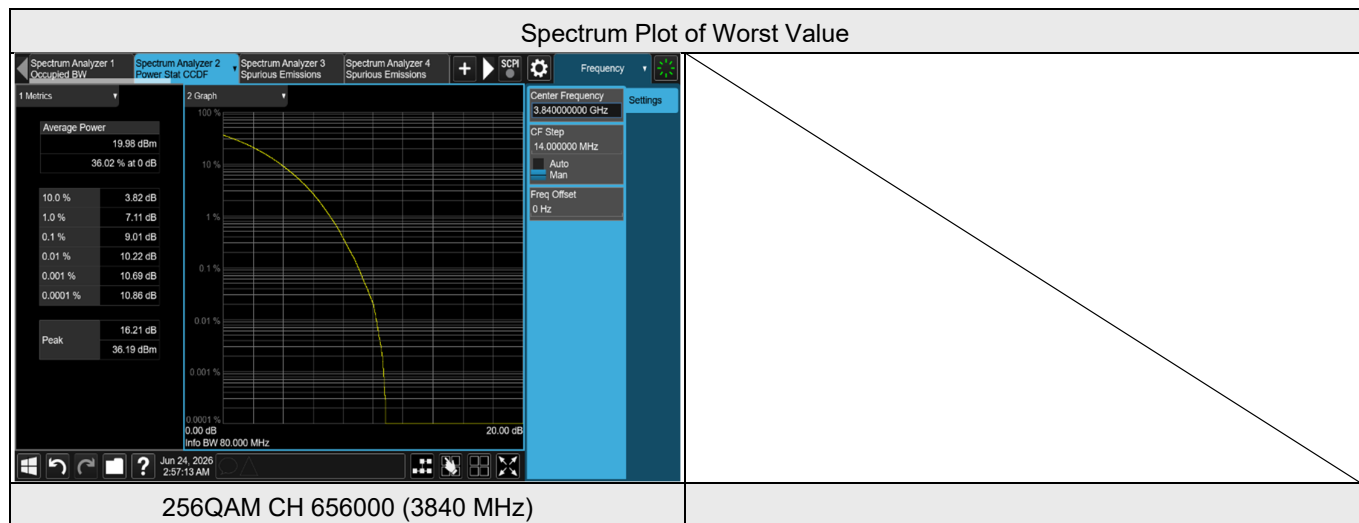
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649000  | 3735            | 5.96                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 5.79                  | 13         | PASS   |
| BPSK       | 663000  | 3945            | 5.99                  | 13         | PASS   |
| QPSK       | 649000  | 3735            | 9.47                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.71                  | 13         | PASS   |
| QPSK       | 663000  | 3945            | 8.94                  | 13         | PASS   |
| 16QAM      | 649000  | 3735            | 9.02                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 9.64                  | 13         | PASS   |
| 16QAM      | 663000  | 3945            | 9.06                  | 13         | PASS   |
| 64QAM      | 649000  | 3735            | 8.94                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 9.28                  | 13         | PASS   |
| 64QAM      | 663000  | 3945            | 9.64                  | 13         | PASS   |
| 256QAM     | 649000  | 3735            | 9.69                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.34                  | 13         | PASS   |
| 256QAM     | 663000  | 3945            | 9.51                  | 13         | PASS   |



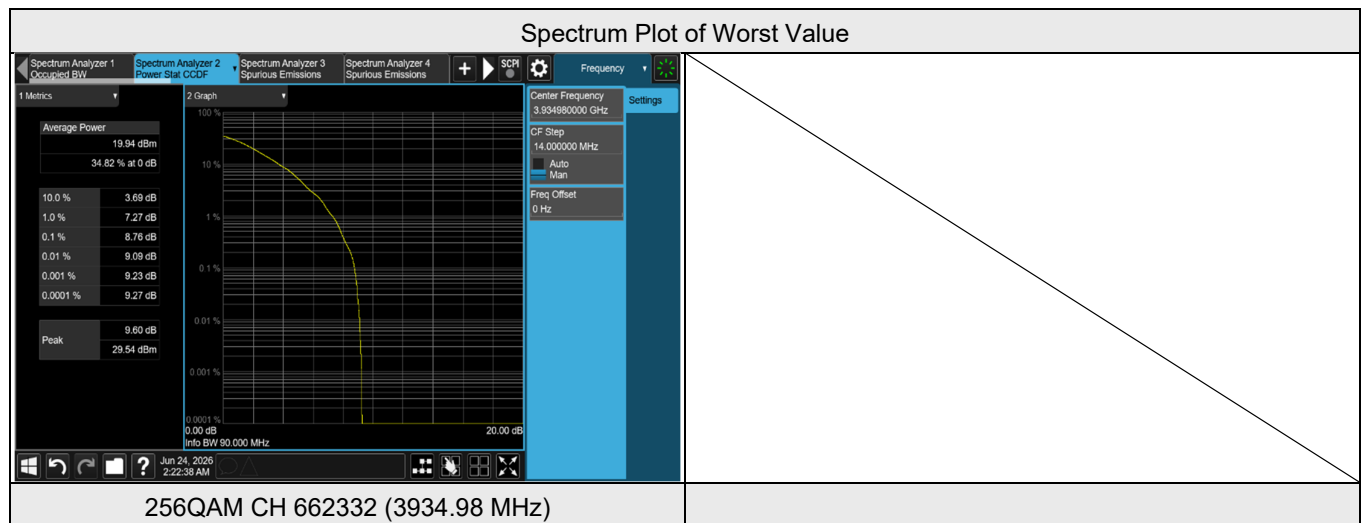
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 80 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649334  | 3740.01         | 4.37                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.53                  | 13         | PASS   |
| BPSK       | 662666  | 3939.99         | 4.37                  | 13         | PASS   |
| QPSK       | 649334  | 3740.01         | 7.66                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.40                  | 13         | PASS   |
| QPSK       | 662666  | 3939.99         | 7.64                  | 13         | PASS   |
| 16QAM      | 649334  | 3740.01         | 7.58                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.22                  | 13         | PASS   |
| 16QAM      | 662666  | 3939.99         | 7.68                  | 13         | PASS   |
| 64QAM      | 649334  | 3740.01         | 7.80                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.73                  | 13         | PASS   |
| 64QAM      | 662666  | 3939.99         | 8.10                  | 13         | PASS   |
| 256QAM     | 649334  | 3740.01         | 8.29                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.01                  | 13         | PASS   |
| 256QAM     | 662666  | 3939.99         | 8.67                  | 13         | PASS   |



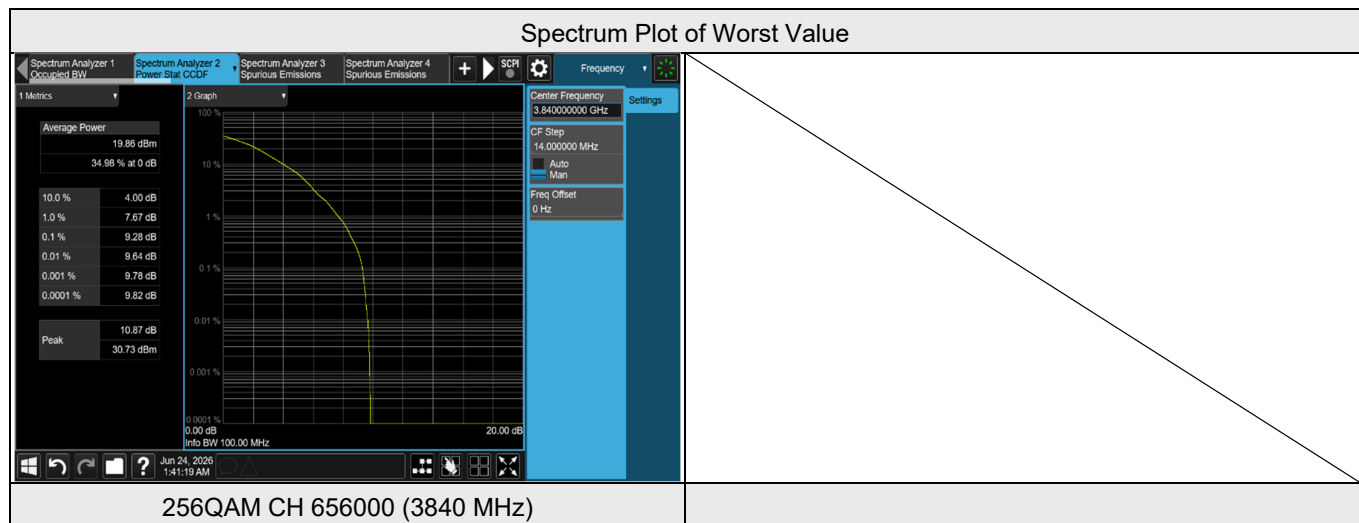
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649668  | 3745.02         | 4.52                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.41                  | 13         | PASS   |
| BPSK       | 662332  | 3934.98         | 4.67                  | 13         | PASS   |
| QPSK       | 649668  | 3745.02         | 7.87                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.95                  | 13         | PASS   |
| QPSK       | 662332  | 3934.98         | 7.81                  | 13         | PASS   |
| 16QAM      | 649668  | 3745.02         | 7.81                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.67                  | 13         | PASS   |
| 16QAM      | 662332  | 3934.98         | 7.52                  | 13         | PASS   |
| 64QAM      | 649668  | 3745.02         | 8.32                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.28                  | 13         | PASS   |
| 64QAM      | 662332  | 3934.98         | 8.24                  | 13         | PASS   |
| 256QAM     | 649668  | 3745.02         | 8.06                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.51                  | 13         | PASS   |
| 256QAM     | 662332  | 3934.98         | 8.76                  | 13         | PASS   |



**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 100 MHz**

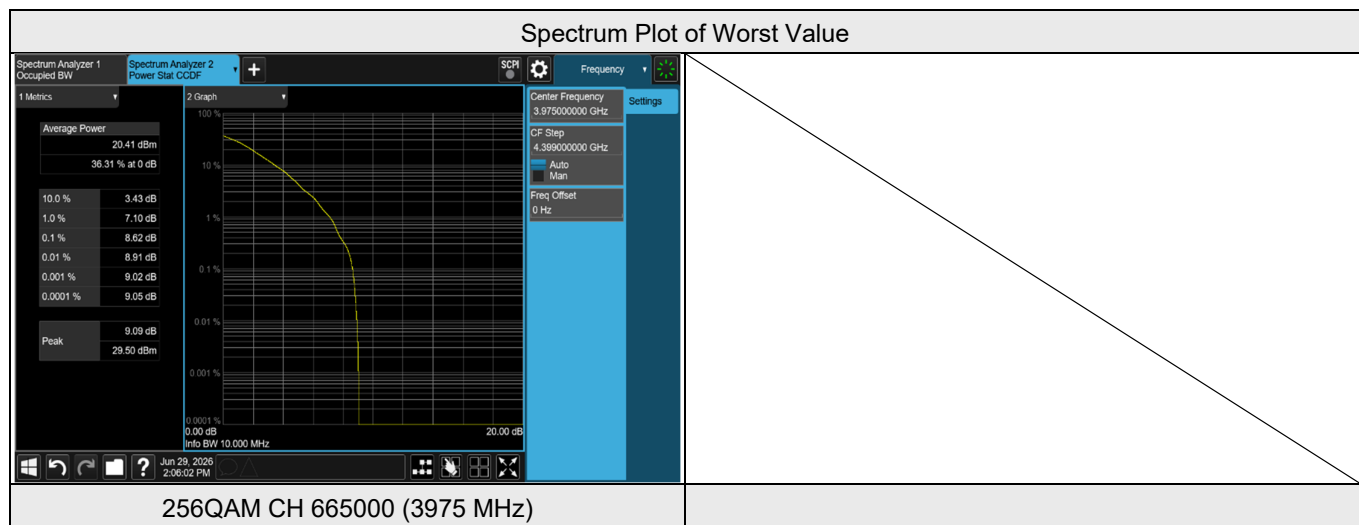
| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 650000  | 3750            | 4.53                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.49                  | 13         | PASS   |
| BPSK       | 662000  | 3930            | 4.71                  | 13         | PASS   |
| QPSK       | 650000  | 3750            | 8.13                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.36                  | 13         | PASS   |
| QPSK       | 662000  | 3930            | 7.97                  | 13         | PASS   |
| 16QAM      | 650000  | 3750            | 8.04                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.81                  | 13         | PASS   |
| 16QAM      | 662000  | 3930            | 7.91                  | 13         | PASS   |
| 64QAM      | 650000  | 3750            | 9.05                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.82                  | 13         | PASS   |
| 64QAM      | 662000  | 3930            | 8.53                  | 13         | PASS   |
| 256QAM     | 650000  | 3750            | 8.89                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.28                  | 13         | PASS   |
| 256QAM     | 662000  | 3930            | 8.65                  | 13         | PASS   |



## 2TX\_Ant. 3

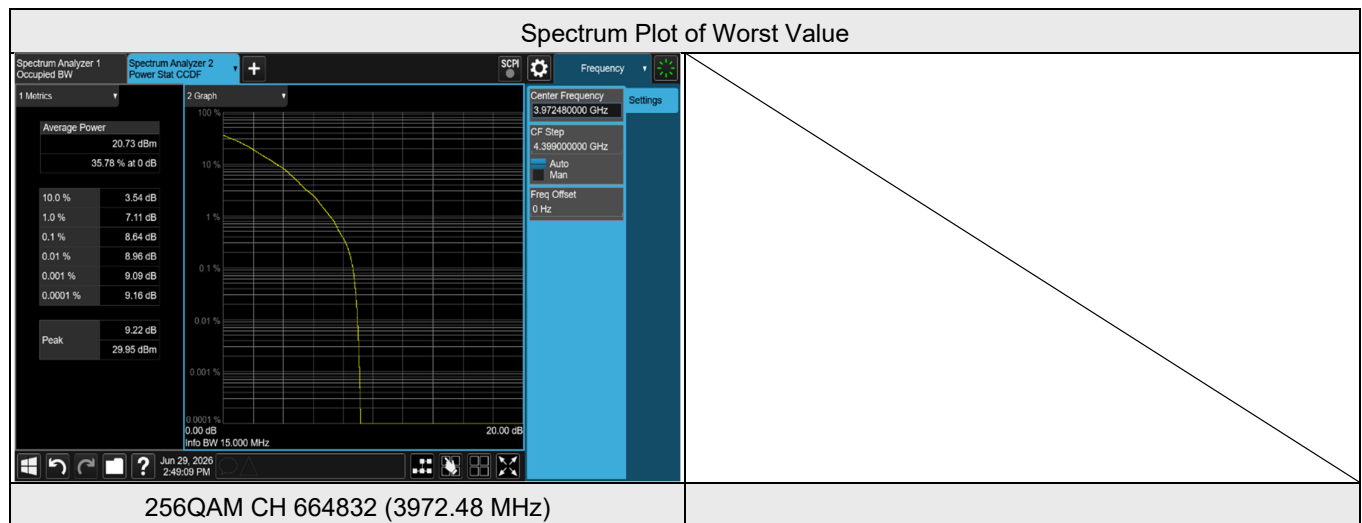
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647000  | 3705            | 4.44                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.47                  | 13         | PASS   |
| BPSK       | 665000  | 3975            | 4.38                  | 13         | PASS   |
| QPSK       | 647000  | 3705            | 7.36                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.92                  | 13         | PASS   |
| QPSK       | 665000  | 3975            | 7.94                  | 13         | PASS   |
| 16QAM      | 647000  | 3705            | 7.47                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.96                  | 13         | PASS   |
| 16QAM      | 665000  | 3975            | 8.13                  | 13         | PASS   |
| 64QAM      | 647000  | 3705            | 7.89                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.12                  | 13         | PASS   |
| 64QAM      | 665000  | 3975            | 8.04                  | 13         | PASS   |
| 256QAM     | 647000  | 3705            | 8.59                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.59                  | 13         | PASS   |
| 256QAM     | 665000  | 3975            | 8.62                  | 13         | PASS   |



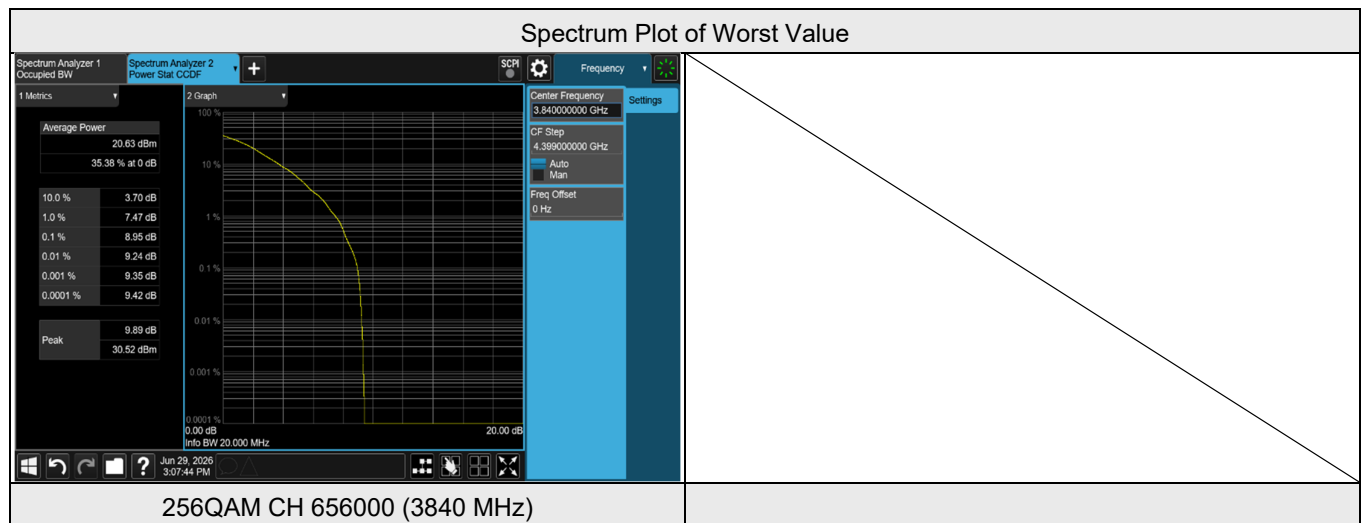
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647168  | 3707.52         | 4.75                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.57                  | 13         | PASS   |
| BPSK       | 664832  | 3972.48         | 4.49                  | 13         | PASS   |
| QPSK       | 647168  | 3707.52         | 7.52                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.06                  | 13         | PASS   |
| QPSK       | 664832  | 3972.48         | 7.35                  | 13         | PASS   |
| 16QAM      | 647168  | 3707.52         | 7.53                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 8.09                  | 13         | PASS   |
| 16QAM      | 664832  | 3972.48         | 7.37                  | 13         | PASS   |
| 64QAM      | 647168  | 3707.52         | 7.80                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.00                  | 13         | PASS   |
| 64QAM      | 664832  | 3972.48         | 7.94                  | 13         | PASS   |
| 256QAM     | 647168  | 3707.52         | 8.56                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.60                  | 13         | PASS   |
| 256QAM     | 664832  | 3972.48         | 8.64                  | 13         | PASS   |



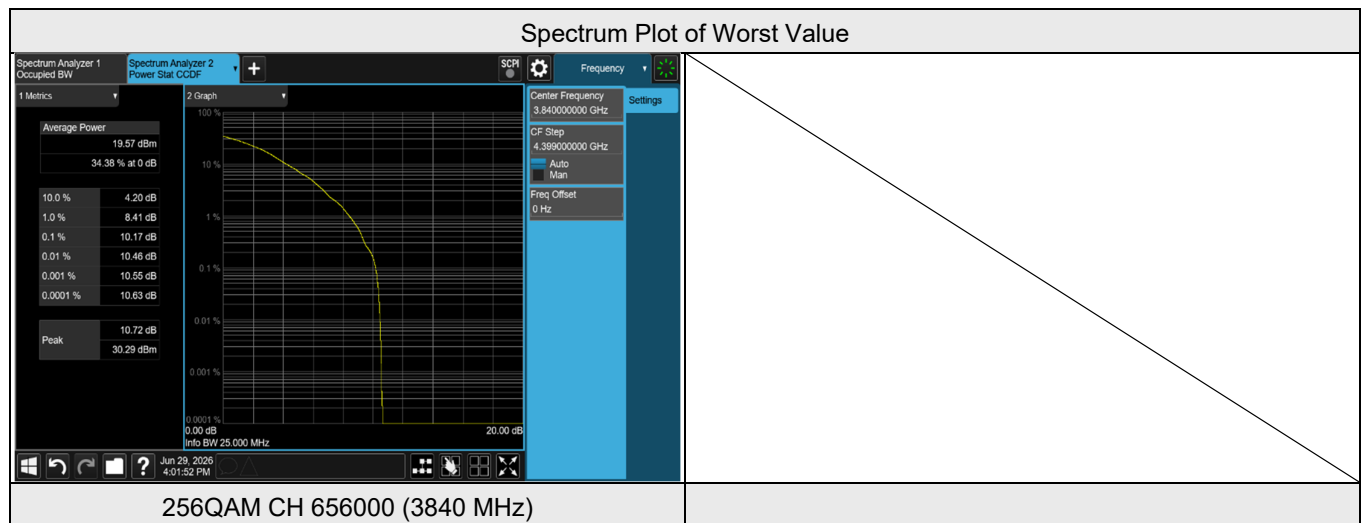
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647334  | 3710.01         | 5.02                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.77                  | 13         | PASS   |
| BPSK       | 664666  | 3969.99         | 4.80                  | 13         | PASS   |
| QPSK       | 647334  | 3710.01         | 7.69                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.07                  | 13         | PASS   |
| QPSK       | 664666  | 3969.99         | 8.33                  | 13         | PASS   |
| 16QAM      | 647334  | 3710.01         | 7.78                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 8.32                  | 13         | PASS   |
| 16QAM      | 664666  | 3969.99         | 8.64                  | 13         | PASS   |
| 64QAM      | 647334  | 3710.01         | 8.02                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.31                  | 13         | PASS   |
| 64QAM      | 664666  | 3969.99         | 8.31                  | 13         | PASS   |
| 256QAM     | 647334  | 3710.01         | 8.81                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.95                  | 13         | PASS   |
| 256QAM     | 664666  | 3969.99         | 8.84                  | 13         | PASS   |



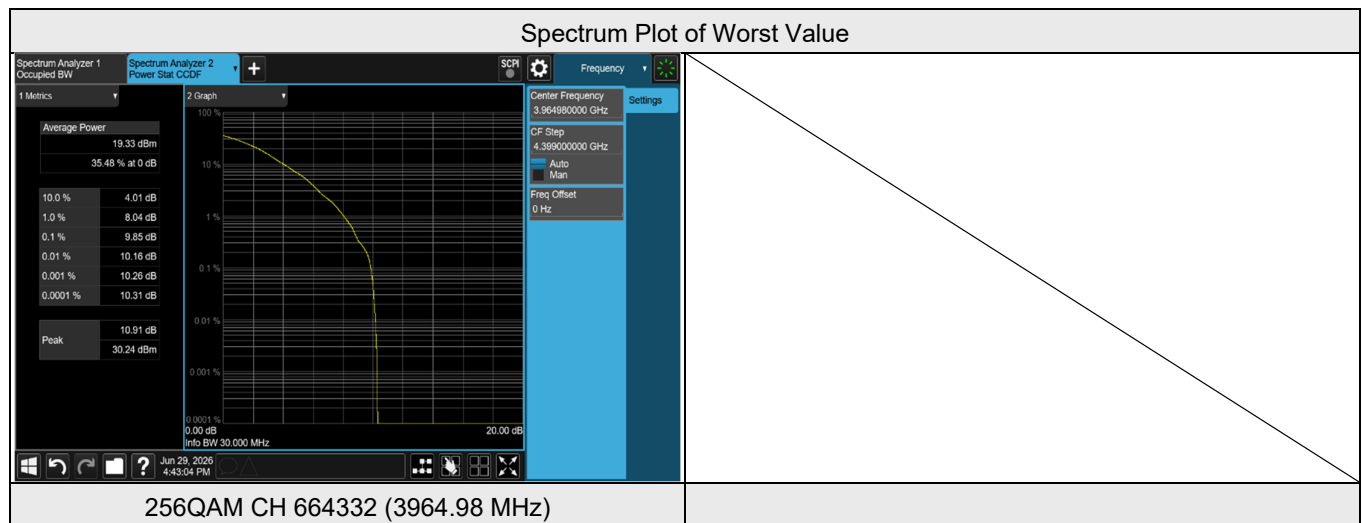
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 25 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647500  | 3712.5          | 6.17                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 6.42                  | 13         | PASS   |
| BPSK       | 664500  | 3967.5          | 6.24                  | 13         | PASS   |
| QPSK       | 647500  | 3712.5          | 9.18                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 9.67                  | 13         | PASS   |
| QPSK       | 664500  | 3967.5          | 9.75                  | 13         | PASS   |
| 16QAM      | 647500  | 3712.5          | 9.43                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 9.74                  | 13         | PASS   |
| 16QAM      | 664500  | 3967.5          | 9.69                  | 13         | PASS   |
| 64QAM      | 647500  | 3712.5          | 9.20                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 9.34                  | 13         | PASS   |
| 64QAM      | 664500  | 3967.5          | 9.32                  | 13         | PASS   |
| 256QAM     | 647500  | 3712.5          | 10.05                 | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 10.17                 | 13         | PASS   |
| 256QAM     | 664500  | 3967.5          | 10.00                 | 13         | PASS   |



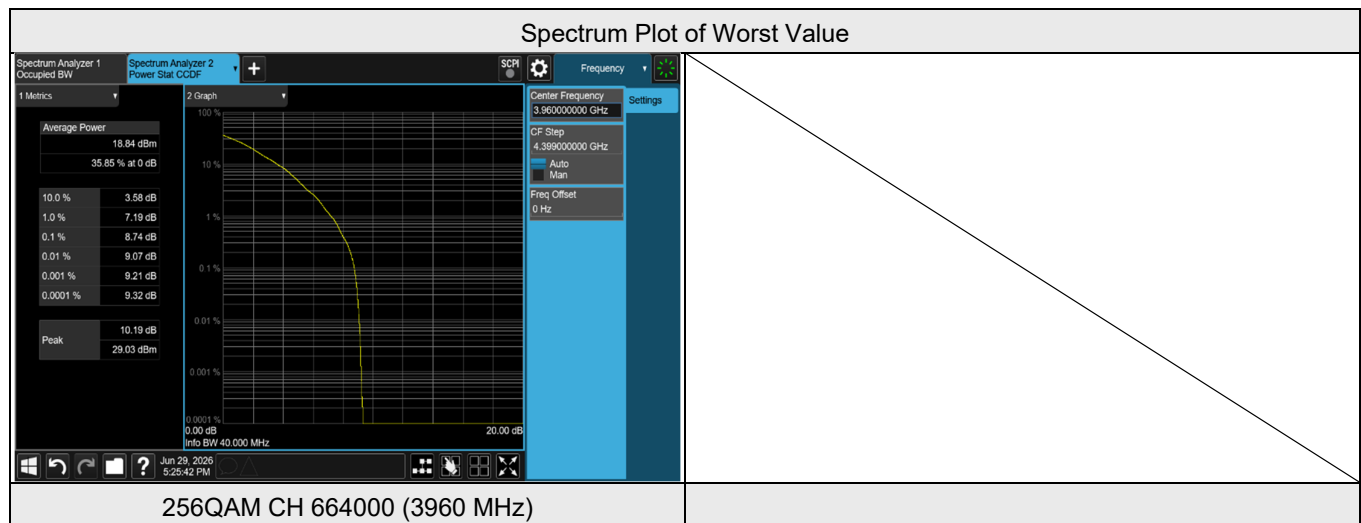
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 30 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 647668  | 3715.02         | 5.73                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 5.94                  | 13         | PASS   |
| BPSK       | 664332  | 3964.98         | 5.92                  | 13         | PASS   |
| QPSK       | 647668  | 3715.02         | 8.73                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 9.57                  | 13         | PASS   |
| QPSK       | 664332  | 3964.98         | 9.23                  | 13         | PASS   |
| 16QAM      | 647668  | 3715.02         | 9.13                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 9.58                  | 13         | PASS   |
| 16QAM      | 664332  | 3964.98         | 9.26                  | 13         | PASS   |
| 64QAM      | 647668  | 3715.02         | 8.79                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.76                  | 13         | PASS   |
| 64QAM      | 664332  | 3964.98         | 9.05                  | 13         | PASS   |
| 256QAM     | 647668  | 3715.02         | 9.74                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.17                  | 13         | PASS   |
| 256QAM     | 664332  | 3964.98         | 9.85                  | 13         | PASS   |



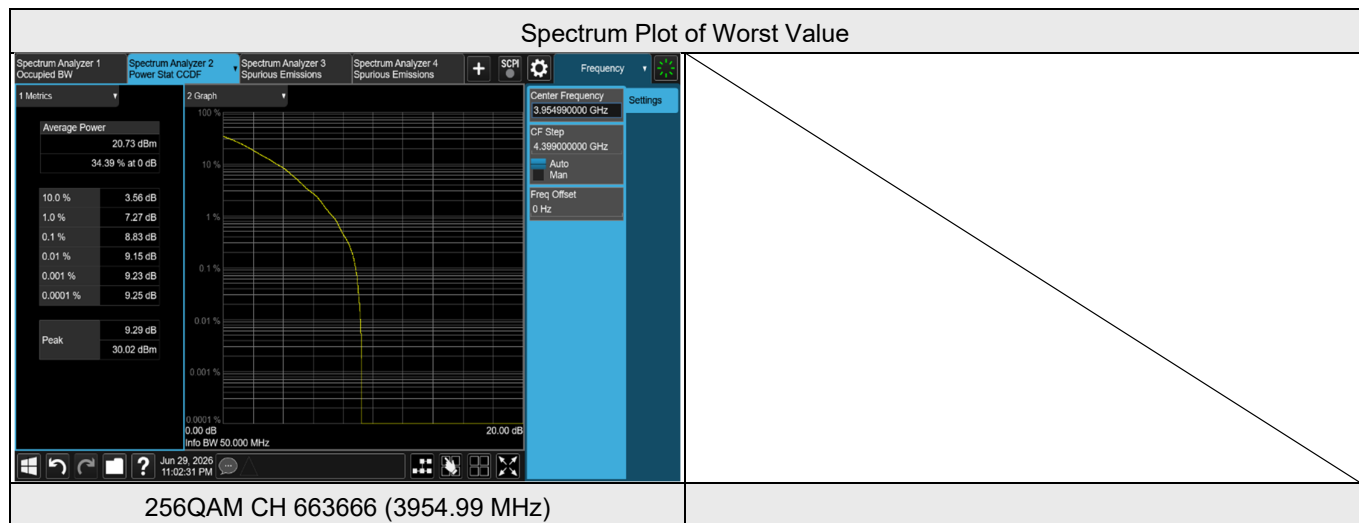
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 40 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648000  | 3720            | 4.55                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.71                  | 13         | PASS   |
| BPSK       | 664000  | 3960            | 4.40                  | 13         | PASS   |
| QPSK       | 648000  | 3720            | 7.54                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.38                  | 13         | PASS   |
| QPSK       | 664000  | 3960            | 8.28                  | 13         | PASS   |
| 16QAM      | 648000  | 3720            | 7.48                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 8.53                  | 13         | PASS   |
| 16QAM      | 664000  | 3960            | 8.35                  | 13         | PASS   |
| 64QAM      | 648000  | 3720            | 7.95                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 8.01                  | 13         | PASS   |
| 64QAM      | 664000  | 3960            | 8.07                  | 13         | PASS   |
| 256QAM     | 648000  | 3720            | 8.66                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.68                  | 13         | PASS   |
| 256QAM     | 664000  | 3960            | 8.74                  | 13         | PASS   |



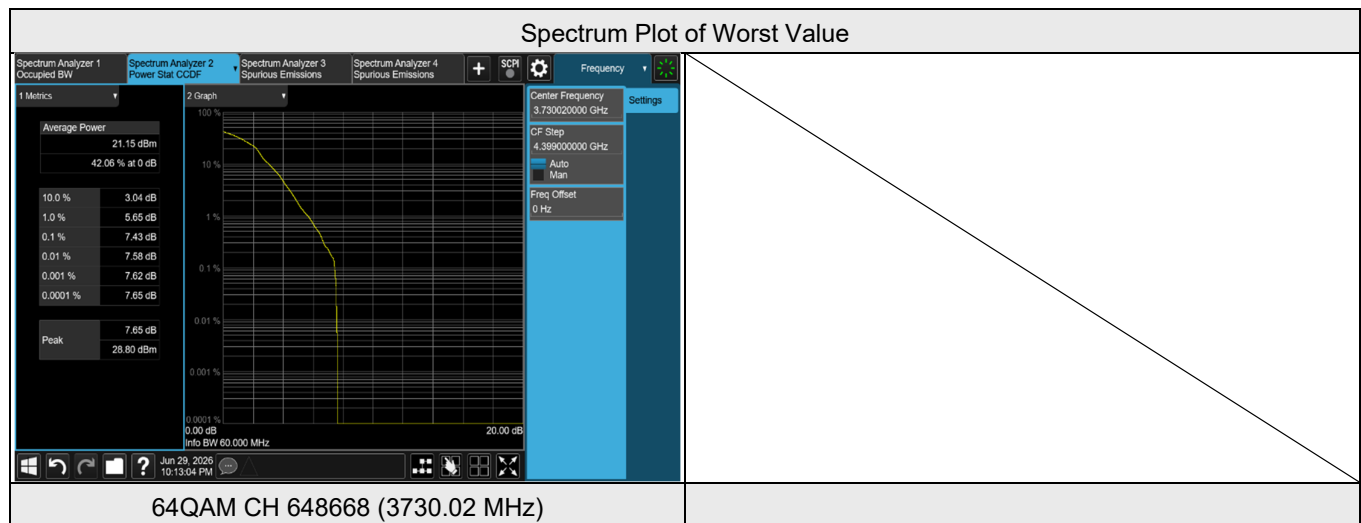
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648334  | 3725.01         | 4.25                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.35                  | 13         | PASS   |
| BPSK       | 663666  | 3954.99         | 4.60                  | 13         | PASS   |
| QPSK       | 648334  | 3725.01         | 7.55                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 5.28                  | 13         | PASS   |
| QPSK       | 663666  | 3954.99         | 7.34                  | 13         | PASS   |
| 16QAM      | 648334  | 3725.01         | 7.81                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 5.38                  | 13         | PASS   |
| 16QAM      | 663666  | 3954.99         | 7.44                  | 13         | PASS   |
| 64QAM      | 648334  | 3725.01         | 8.03                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 6.93                  | 13         | PASS   |
| 64QAM      | 663666  | 3954.99         | 7.90                  | 13         | PASS   |
| 256QAM     | 648334  | 3725.01         | 8.35                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 6.88                  | 13         | PASS   |
| 256QAM     | 663666  | 3954.99         | 8.83                  | 13         | PASS   |



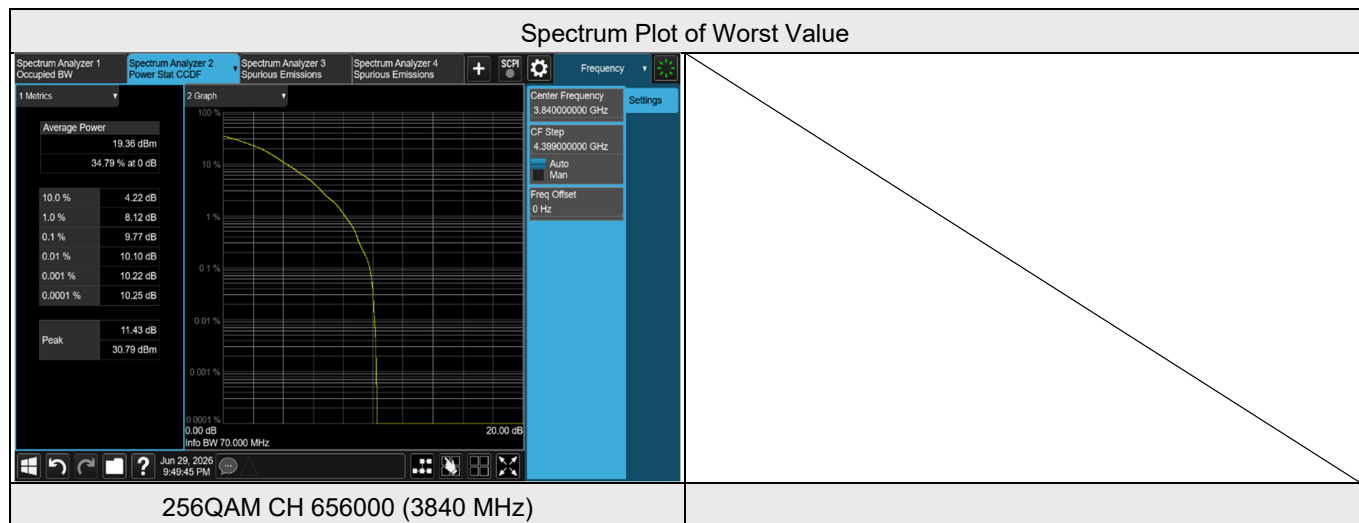
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 60 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 648668  | 3730.02         | 4.19                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.39                  | 13         | PASS   |
| BPSK       | 663332  | 3949.98         | 4.53                  | 13         | PASS   |
| QPSK       | 648668  | 3730.02         | 6.16                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 5.52                  | 13         | PASS   |
| QPSK       | 663332  | 3949.98         | 5.35                  | 13         | PASS   |
| 16QAM      | 648668  | 3730.02         | 6.64                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 6.24                  | 13         | PASS   |
| 16QAM      | 663332  | 3949.98         | 6.60                  | 13         | PASS   |
| 64QAM      | 648668  | 3730.02         | 7.43                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 6.59                  | 13         | PASS   |
| 64QAM      | 663332  | 3949.98         | 7.26                  | 13         | PASS   |
| 256QAM     | 648668  | 3730.02         | 6.97                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 6.88                  | 13         | PASS   |
| 256QAM     | 663332  | 3949.98         | 7.07                  | 13         | PASS   |



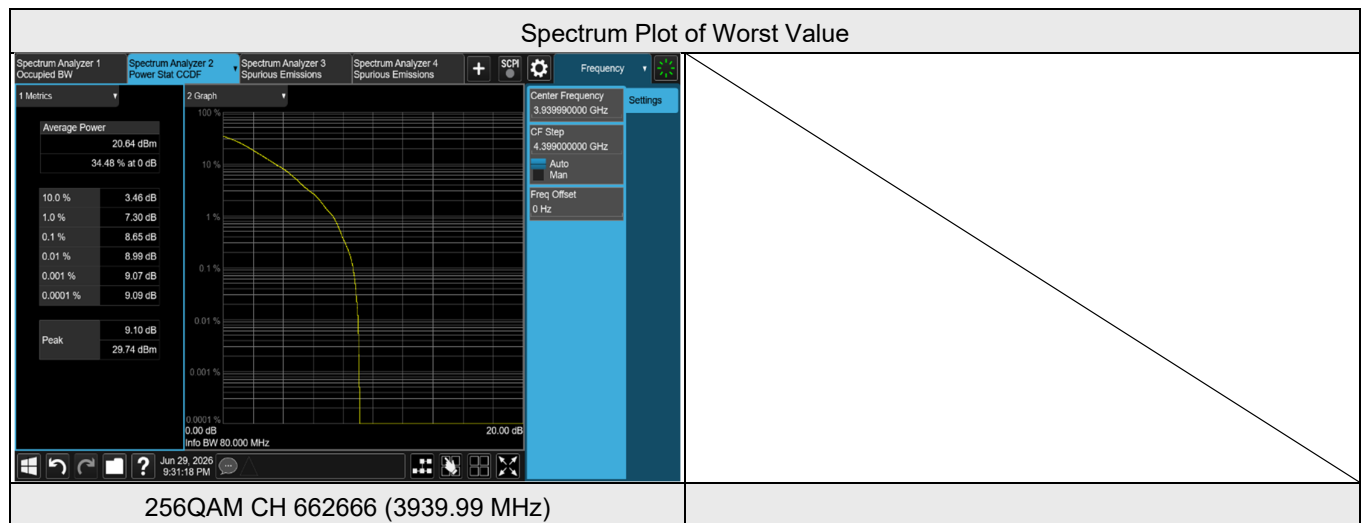
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649000  | 3735            | 5.81                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 5.96                  | 13         | PASS   |
| BPSK       | 663000  | 3945            | 6.00                  | 13         | PASS   |
| QPSK       | 649000  | 3735            | 9.40                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 8.75                  | 13         | PASS   |
| QPSK       | 663000  | 3945            | 8.98                  | 13         | PASS   |
| 16QAM      | 649000  | 3735            | 8.87                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 8.89                  | 13         | PASS   |
| 16QAM      | 663000  | 3945            | 8.99                  | 13         | PASS   |
| 64QAM      | 649000  | 3735            | 8.99                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 9.57                  | 13         | PASS   |
| 64QAM      | 663000  | 3945            | 9.74                  | 13         | PASS   |
| 256QAM     | 649000  | 3735            | 9.70                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 9.77                  | 13         | PASS   |
| 256QAM     | 663000  | 3945            | 9.43                  | 13         | PASS   |



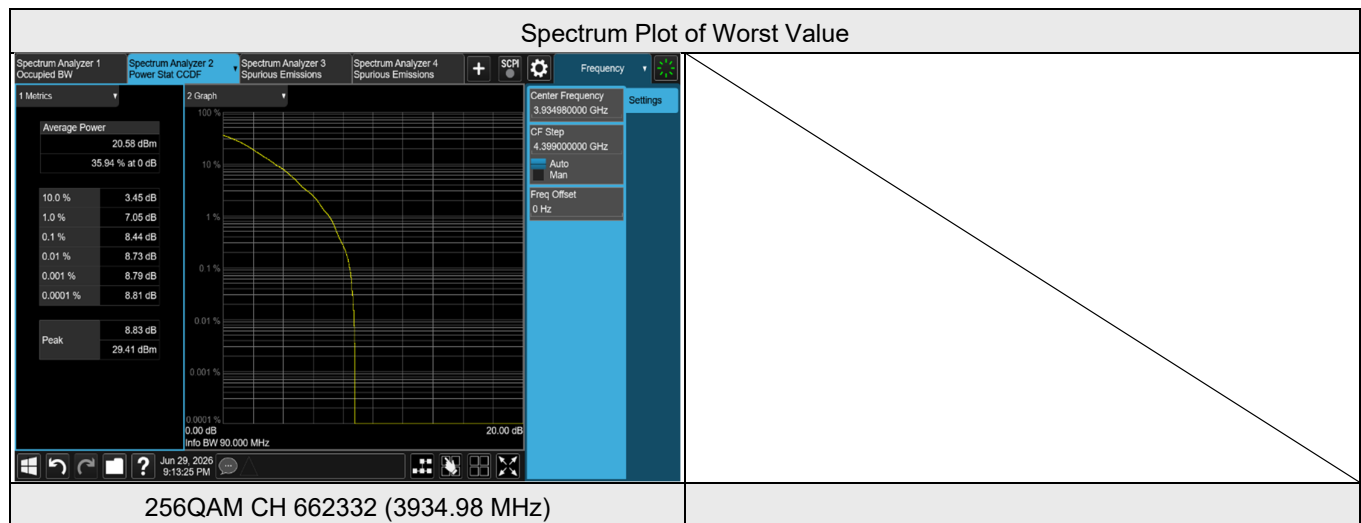
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 80 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649334  | 3740.01         | 4.29                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.48                  | 13         | PASS   |
| BPSK       | 662666  | 3939.99         | 4.49                  | 13         | PASS   |
| QPSK       | 649334  | 3740.01         | 7.85                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.48                  | 13         | PASS   |
| QPSK       | 662666  | 3939.99         | 7.44                  | 13         | PASS   |
| 16QAM      | 649334  | 3740.01         | 7.66                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.61                  | 13         | PASS   |
| 16QAM      | 662666  | 3939.99         | 7.52                  | 13         | PASS   |
| 64QAM      | 649334  | 3740.01         | 8.31                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.78                  | 13         | PASS   |
| 64QAM      | 662666  | 3939.99         | 8.17                  | 13         | PASS   |
| 256QAM     | 649334  | 3740.01         | 8.37                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.26                  | 13         | PASS   |
| 256QAM     | 662666  | 3939.99         | 8.65                  | 13         | PASS   |



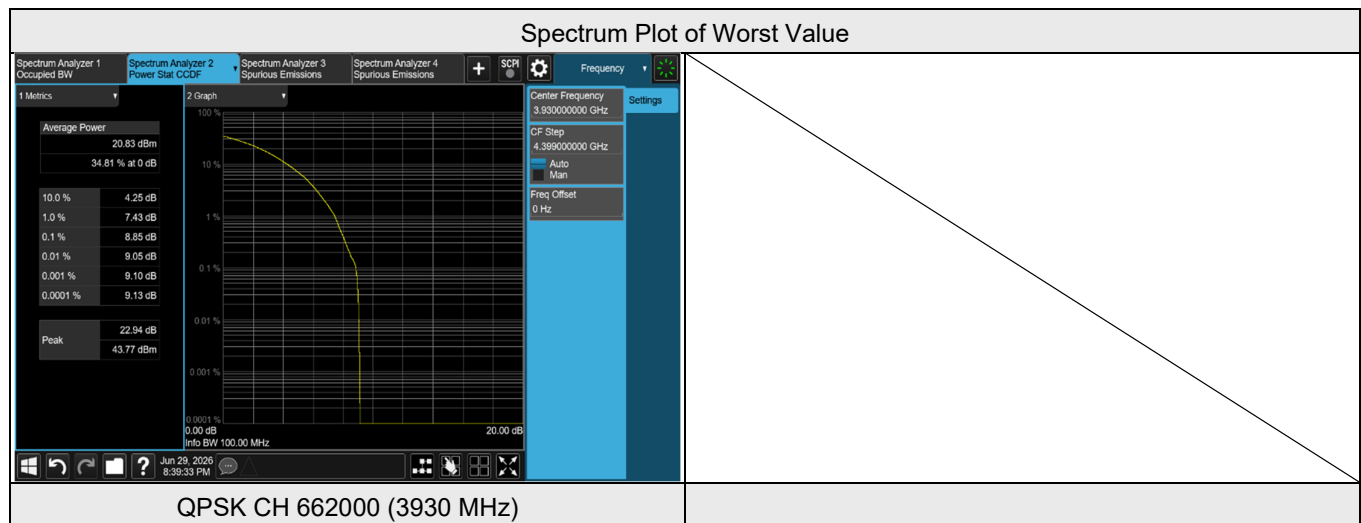
**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 649668  | 3745.02         | 4.40                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.38                  | 13         | PASS   |
| BPSK       | 662332  | 3934.98         | 4.49                  | 13         | PASS   |
| QPSK       | 649668  | 3745.02         | 7.72                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.29                  | 13         | PASS   |
| QPSK       | 662332  | 3934.98         | 7.34                  | 13         | PASS   |
| 16QAM      | 649668  | 3745.02         | 7.77                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.81                  | 13         | PASS   |
| 16QAM      | 662332  | 3934.98         | 7.32                  | 13         | PASS   |
| 64QAM      | 649668  | 3745.02         | 8.14                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.65                  | 13         | PASS   |
| 64QAM      | 662332  | 3934.98         | 7.96                  | 13         | PASS   |
| 256QAM     | 649668  | 3745.02         | 8.34                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.42                  | 13         | PASS   |
| 256QAM     | 662332  | 3934.98         | 8.44                  | 13         | PASS   |



**NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 100 MHz**

| Modulation | Channel | Frequency (MHz) | Measurement Value(dB) | Limit (dB) | Result |
|------------|---------|-----------------|-----------------------|------------|--------|
| BPSK       | 650000  | 3750            | 4.61                  | 13         | PASS   |
| BPSK       | 656000  | 3840            | 4.63                  | 13         | PASS   |
| BPSK       | 662000  | 3930            | 4.63                  | 13         | PASS   |
| QPSK       | 650000  | 3750            | 7.71                  | 13         | PASS   |
| QPSK       | 656000  | 3840            | 7.14                  | 13         | PASS   |
| QPSK       | 662000  | 3930            | 8.85                  | 13         | PASS   |
| 16QAM      | 650000  | 3750            | 8.65                  | 13         | PASS   |
| 16QAM      | 656000  | 3840            | 7.51                  | 13         | PASS   |
| 16QAM      | 662000  | 3930            | 8.01                  | 13         | PASS   |
| 64QAM      | 650000  | 3750            | 8.44                  | 13         | PASS   |
| 64QAM      | 656000  | 3840            | 7.81                  | 13         | PASS   |
| 64QAM      | 662000  | 3930            | 8.47                  | 13         | PASS   |
| 256QAM     | 650000  | 3750            | 8.54                  | 13         | PASS   |
| 256QAM     | 656000  | 3840            | 8.77                  | 13         | PASS   |
| 256QAM     | 662000  | 3930            | 8.35                  | 13         | PASS   |



## 7.4 Bandwidth

5GNR n5, n7, n12, n13, n14, n25, n26, n30, n66, n70, n71

Please refer to certified modular device FCC ID: GKRRXLN4N  
Grant Date:05/26/2026 test report.

|              |          |                           |              |            |       |
|--------------|----------|---------------------------|--------------|------------|-------|
| Input Power: | 3.85 Vdc | Environmental Conditions: | 25°C, 66% RH | Tested By: | James |
|--------------|----------|---------------------------|--------------|------------|-------|

### 7.4.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

| Modulation | Channel | Frequency (MHz) | Occupied Bandwidth (MHz) | 26 dB Bandwidth (MHz) |
|------------|---------|-----------------|--------------------------|-----------------------|
| BPSK       | 370500  | 1852.5          | 4.4739                   | 4.843                 |
| BPSK       | 376000  | 1880            | 4.4722                   | 4.817                 |
| BPSK       | 381500  | 1907.5          | 4.4684                   | 4.814                 |
| QPSK       | 370500  | 1852.5          | 4.4662                   | 4.722                 |
| QPSK       | 376000  | 1880            | 4.4650                   | 4.752                 |
| QPSK       | 381500  | 1907.5          | 4.4655                   | 4.808                 |
| 16QAM      | 370500  | 1852.5          | 4.4591                   | 4.775                 |
| 16QAM      | 376000  | 1880            | 4.4598                   | 4.800                 |
| 16QAM      | 381500  | 1907.5          | 4.4633                   | 4.804                 |
| 64QAM      | 370500  | 1852.5          | 4.4644                   | 4.830                 |
| 64QAM      | 376000  | 1880            | 4.4588                   | 4.802                 |
| 64QAM      | 381500  | 1907.5          | 4.4611                   | 4.785                 |
| 256QAM     | 370500  | 1852.5          | 4.4738                   | 4.868                 |
| 256QAM     | 376000  | 1880            | 4.4713                   | 4.832                 |
| 256QAM     | 381500  | 1907.5          | 4.4736                   | 4.814                 |

