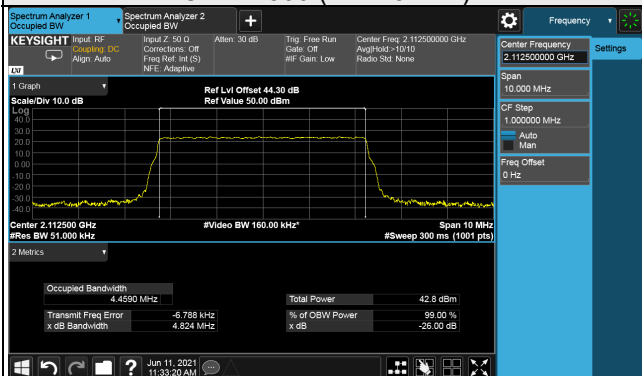
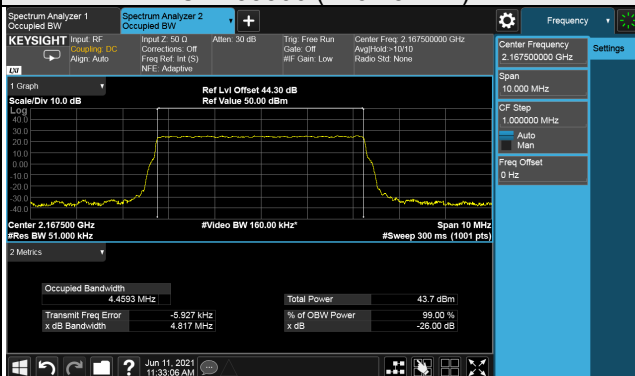


256QAM

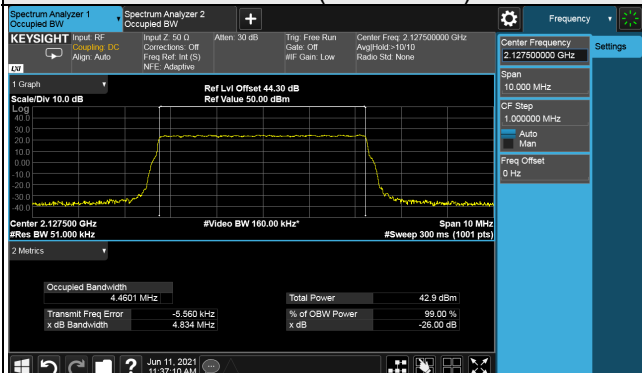
Ch 422500 (2112.5MHz)



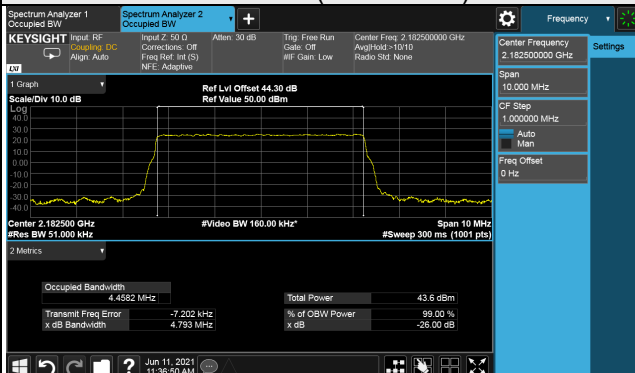
Ch 433500 (2167.5MHz)



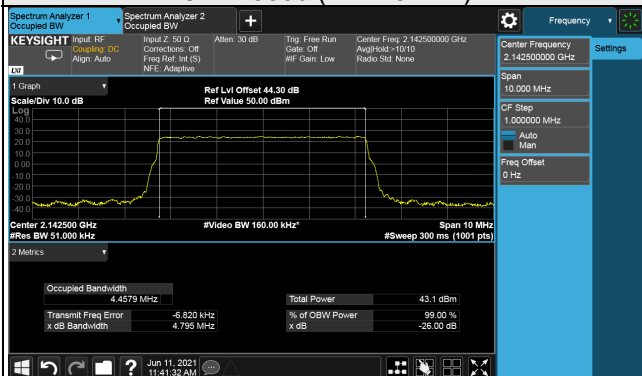
Ch 425500 (2127.5MHz)



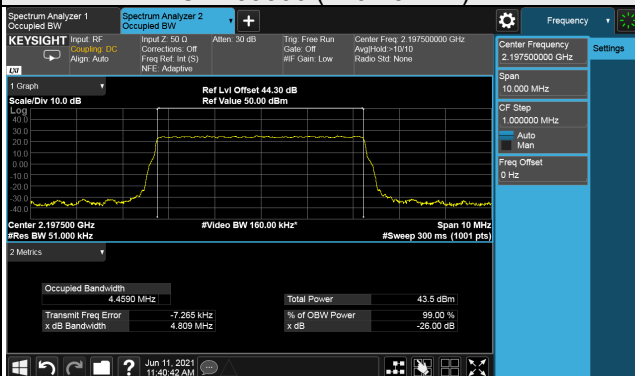
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)



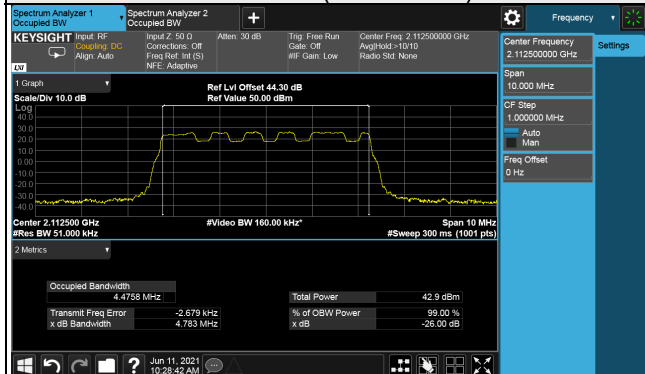
Ch 439500 (2197.5MHz)



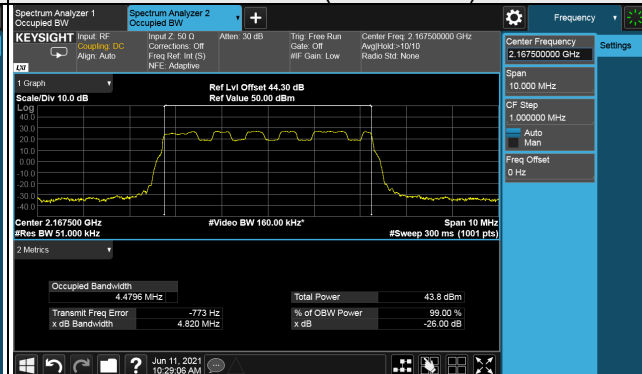
Ant. TX 3

Spectrum Plot of Worst Value
-26dBc Bandwidth
QPSK

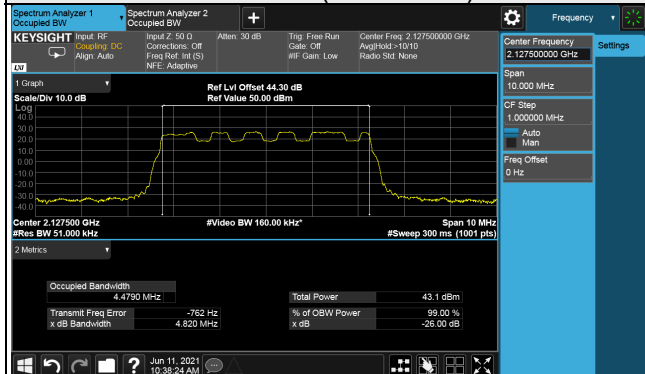
Ch 422500 (2112.5MHz)



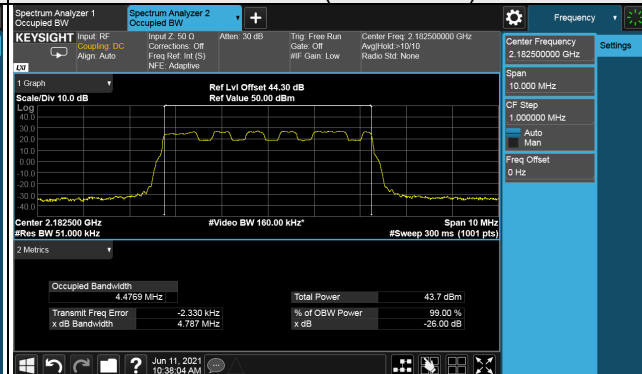
Ch 433500 (2167.5MHz)



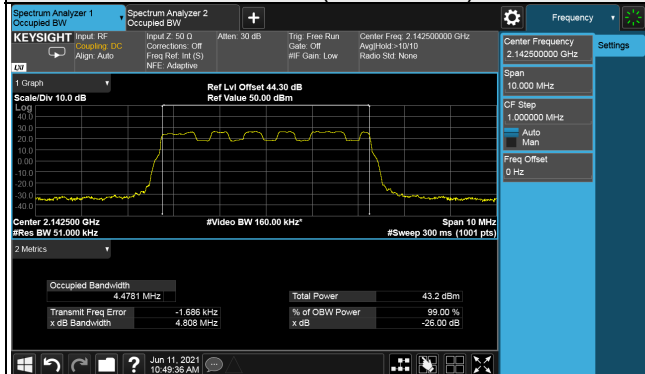
Ch 425500 (2127.5MHz)



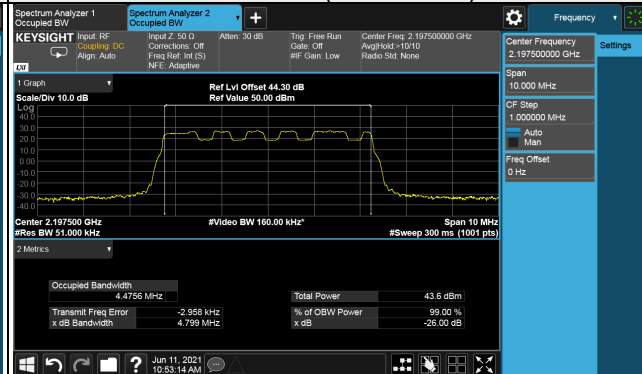
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)

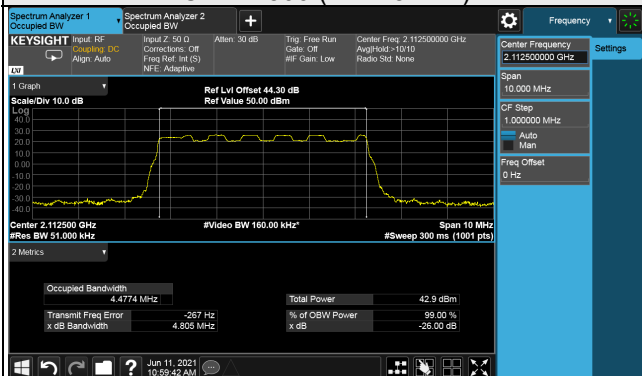


Ch 439500 (2197.5MHz)

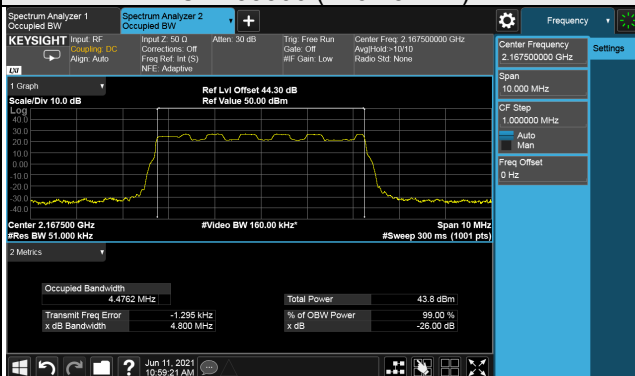


16QAM

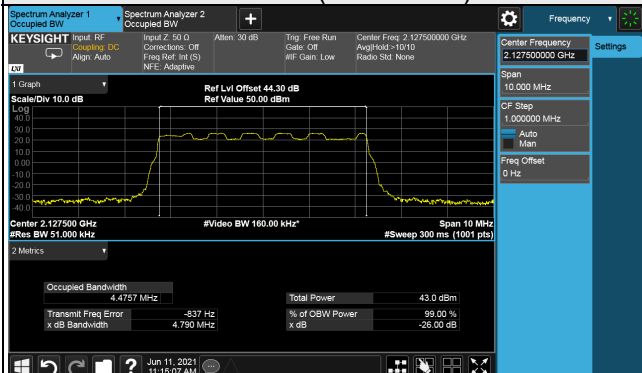
Ch 422500 (2112.5MHz)



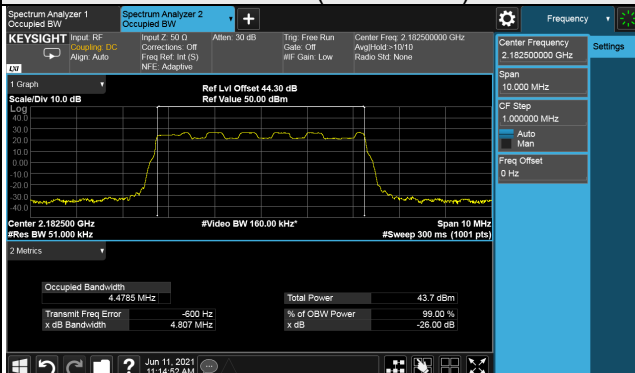
Ch 433500 (2167.5MHz)



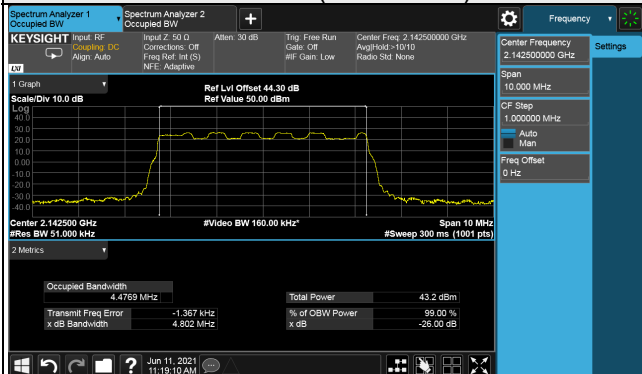
Ch 425500 (2127.5MHz)



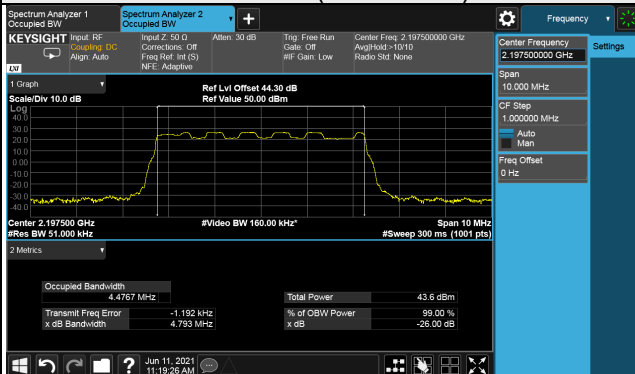
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)

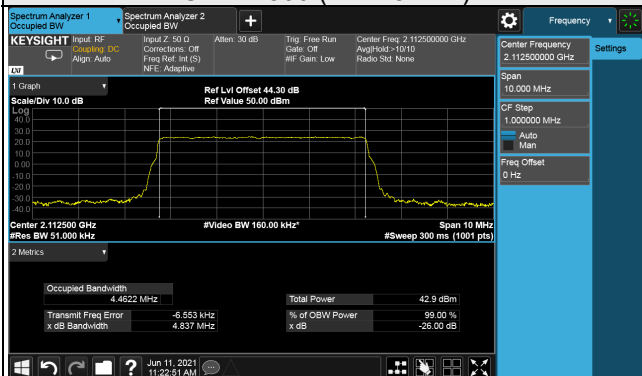


Ch 439500 (2197.5MHz)

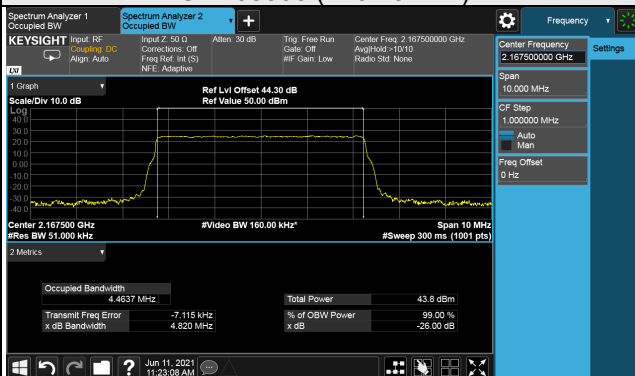


64QAM

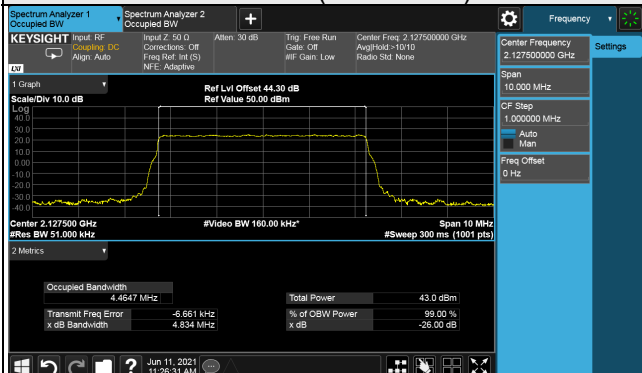
Ch 422500 (2112.5MHz)



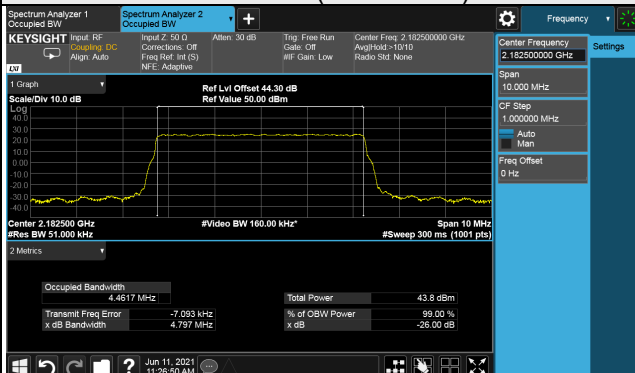
Ch 433500 (2167.5MHz)



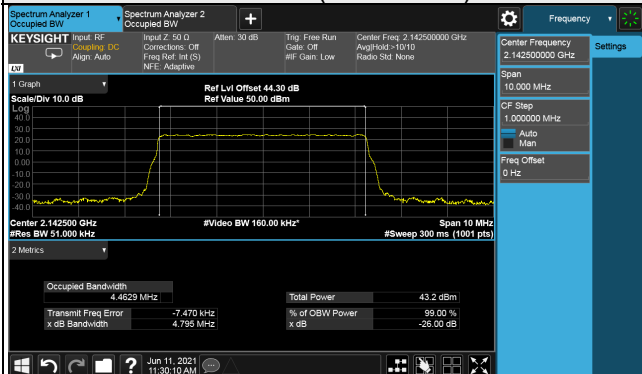
Ch 425500 (2127.5MHz)



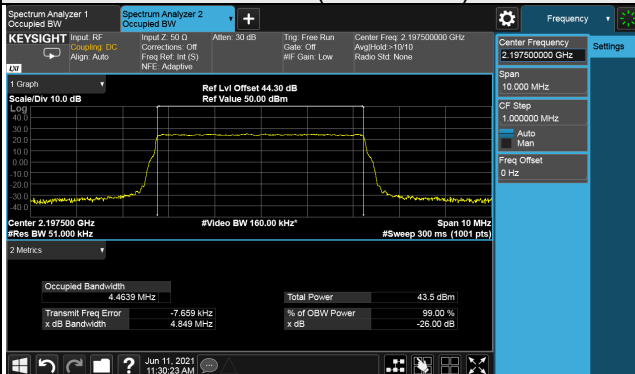
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)

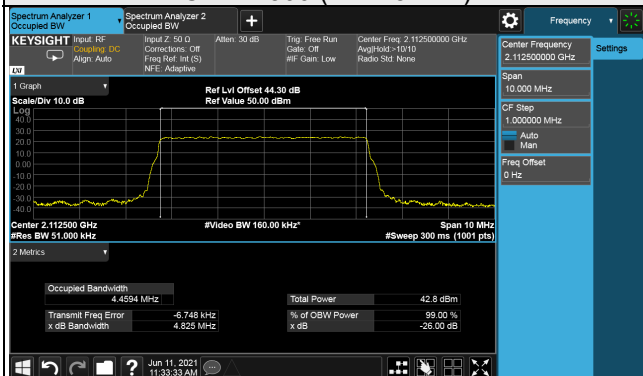


Ch 439500 (2197.5MHz)

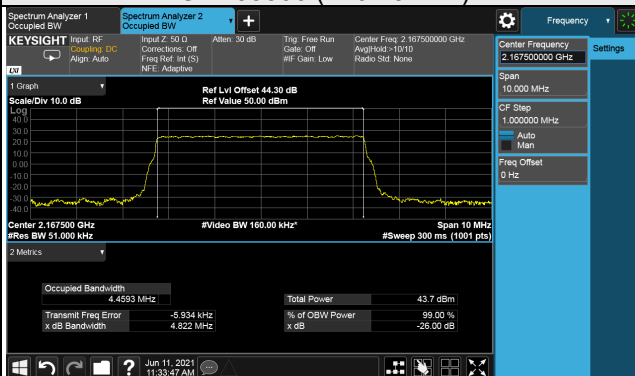


256QAM

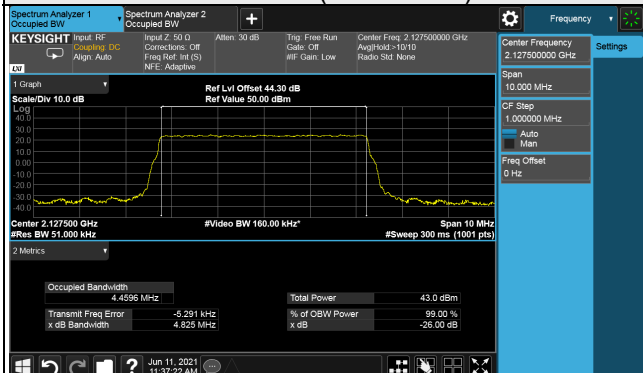
Ch 422500 (2112.5MHz)



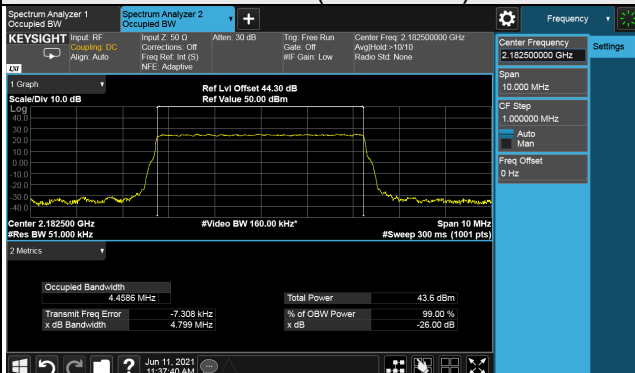
Ch 433500 (2167.5MHz)



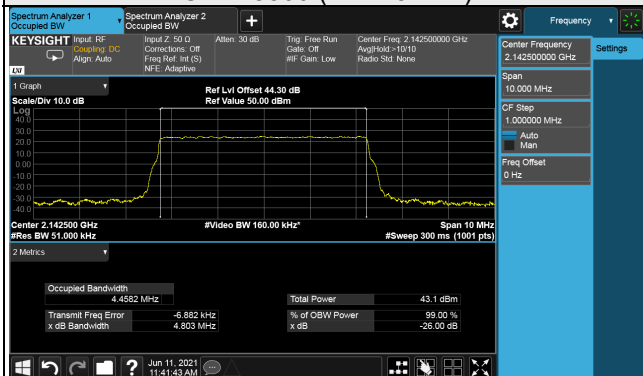
Ch 425500 (2127.5MHz)



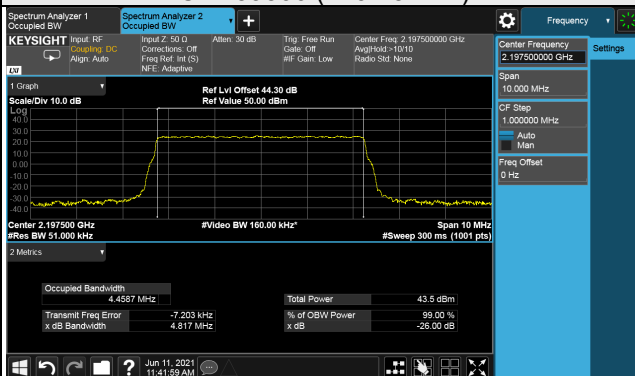
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)



Ch 439500 (2197.5MHz)



Band n70 Single Carrier

25MHz

| Channel Number | Freq. (MHz) | -26dB Bandwidth (MHz) | | | | | | | | | | | | | | | |
|----------------|-------------|-----------------------|-------|-------|--------|----------|-------|-------|--------|----------|-------|-------|--------|----------|-------|-------|--------|
| | | Ant. TX0 | | | | Ant. TX1 | | | | Ant. TX2 | | | | Ant. TX3 | | | |
| | | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM |
| 401500 | 2007.5 | 24.57 | 24.58 | 24.59 | 24.58 | 24.57 | 24.58 | 24.59 | 24.58 | 24.57 | 24.58 | 24.59 | 24.58 | 24.57 | 24.58 | 24.59 | 24.58 |

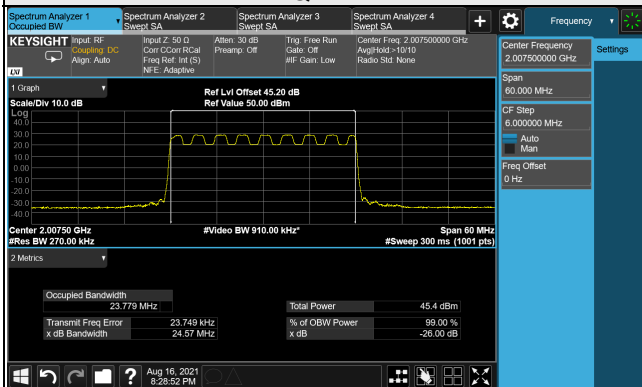
Ant. TX 0

Spectrum Plot of Worst Value

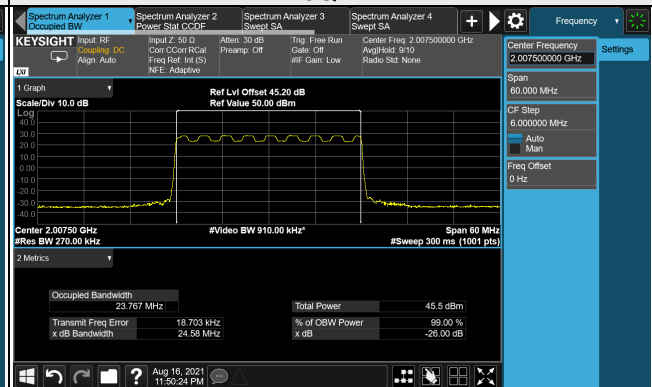
-26dBc Bandwidth

Ch 401500 (2007.5MHz)

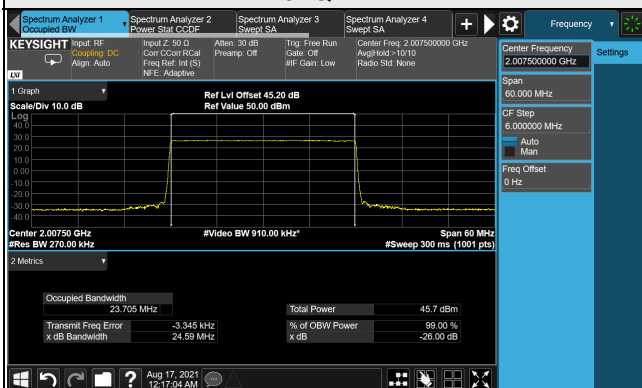
QPSK



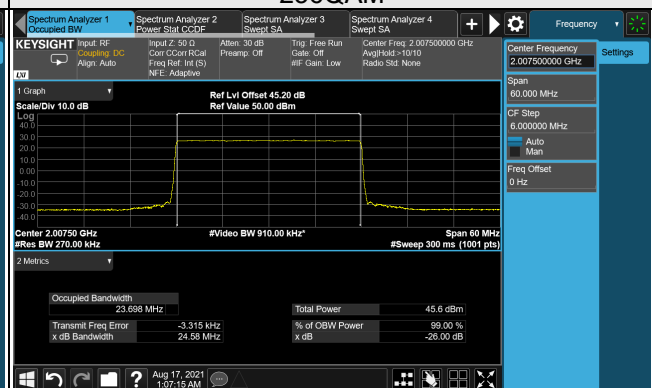
16QAM



64QAM



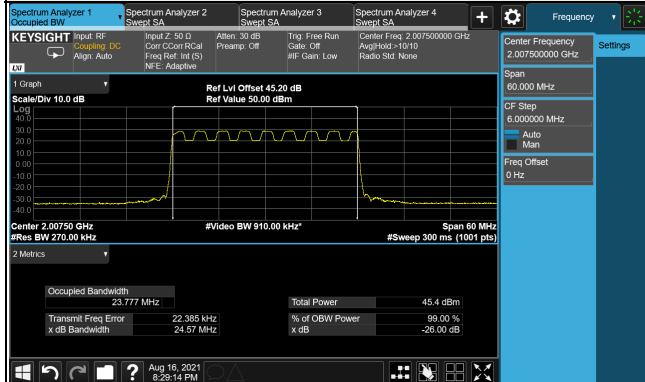
256QAM



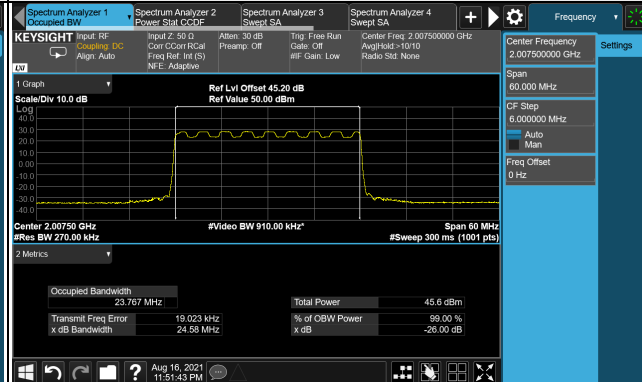
Ant. TX 1

Spectrum Plot of Worst Value
-26dBc Bandwidth
Ch 401500 (2007.5MHz)

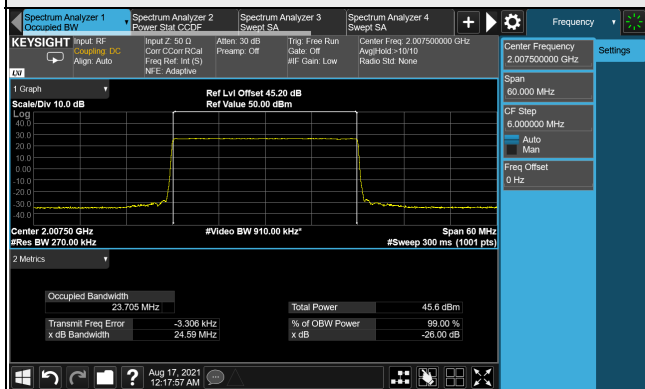
QPSK



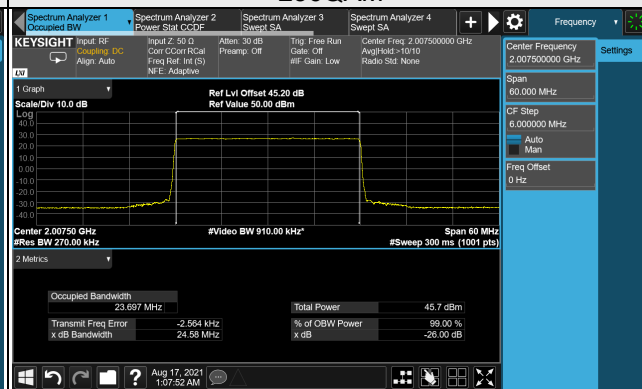
16QAM



64QAM



256QAM



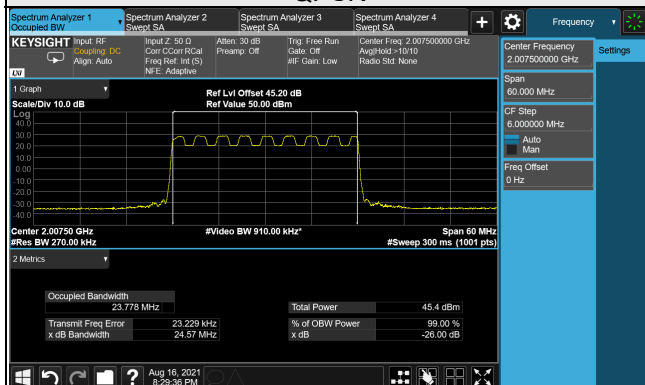
Ant. TX 2

Spectrum Plot of Worst Value

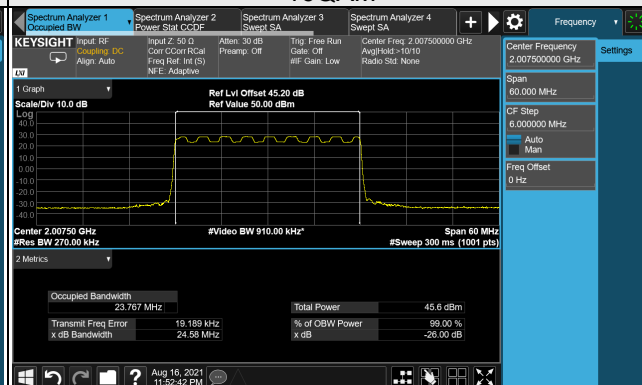
-26dBc Bandwidth

Ch 401500 (2007.5MHz)

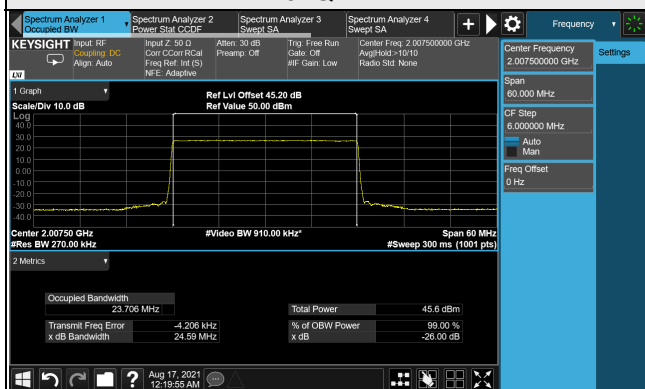
QPSK



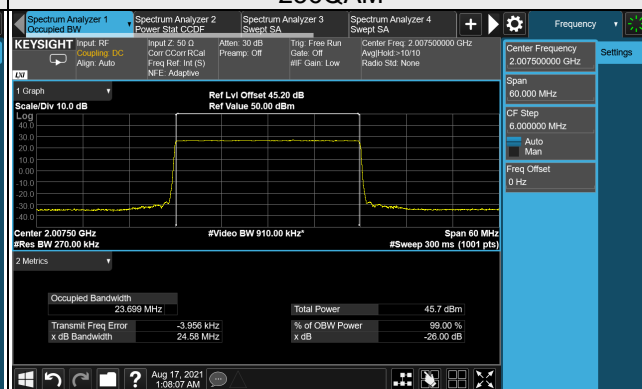
16QAM



64QAM



256QAM



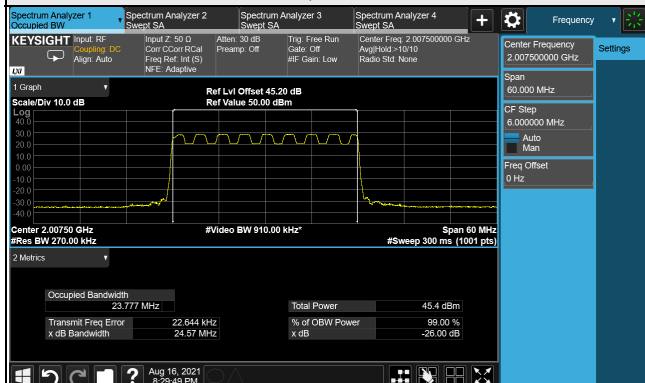
Ant. TX 3

Spectrum Plot of Worst Value

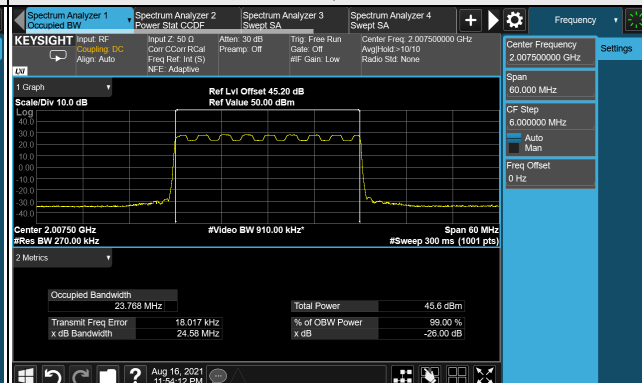
-26dBc Bandwidth

Ch 401500 (2007.5MHz)

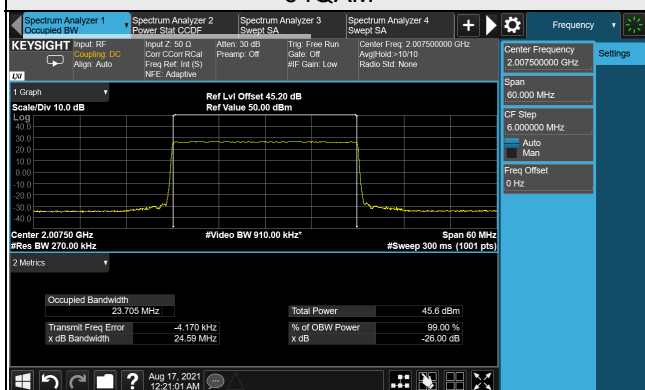
QPSK



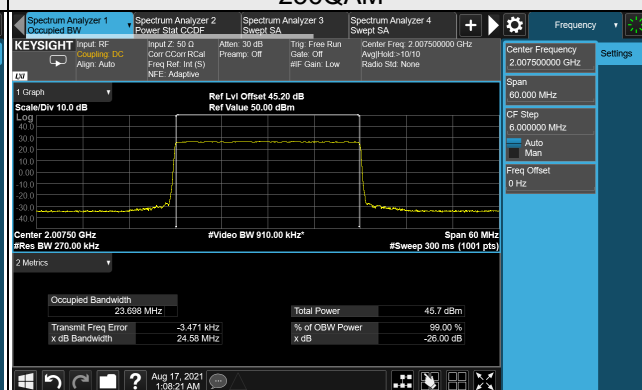
16QAM



64QAM



256QAM



CA-Contiguous

5MHz+5MHz

| Channel Number | Freq. (MHz) | -26dB Bandwidth (MHz) | | | | | | | | | | | | | | | |
|----------------|---------------|-----------------------|-------|-------|--------|----------|-------|-------|--------|----------|-------|-------|--------|----------|-------|-------|--------|
| | | Ant. TX0 | | | | Ant. TX1 | | | | Ant. TX2 | | | | Ant. TX3 | | | |
| | | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM |
| 399500+400500 | 1997.5+2002.5 | 9.82 | 9.81 | 9.86 | 9.83 | 9.82 | 9.81 | 9.86 | 9.83 | 9.81 | 9.81 | 9.86 | 9.83 | 9.81 | 9.81 | 9.86 | 9.83 |
| 401000+402000 | 2005.0+2010.0 | 9.83 | 9.82 | 9.87 | 9.83 | 9.83 | 9.82 | 9.87 | 9.83 | 9.83 | 9.81 | 9.87 | 9.83 | 9.82 | 9.81 | 9.87 | 9.83 |
| 402500+403500 | 2012.5+2017.5 | 9.83 | 9.81 | 9.85 | 9.83 | 9.83 | 9.81 | 9.85 | 9.83 | 9.83 | 9.82 | 9.85 | 9.83 | 9.83 | 9.82 | 9.85 | 9.83 |

Ant. TX 0

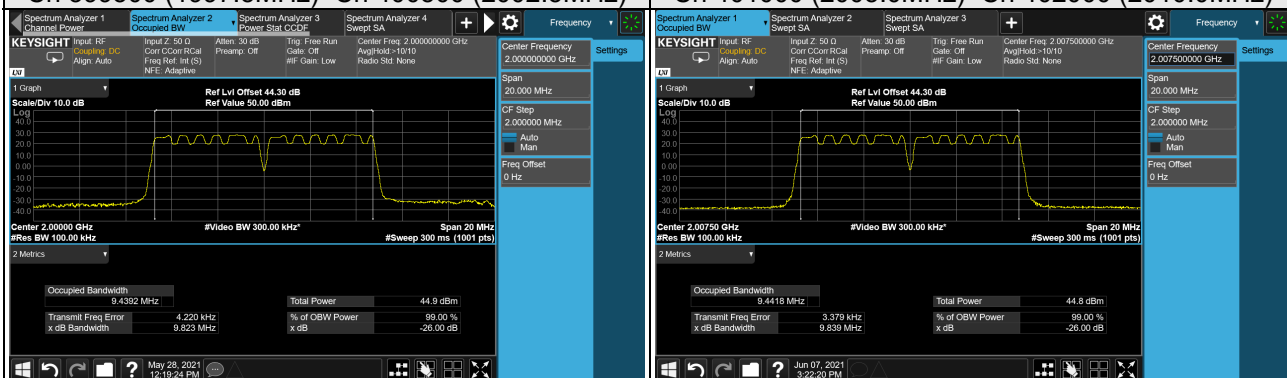
Spectrum Plot of Worst Value

-26dBc Bandwidth

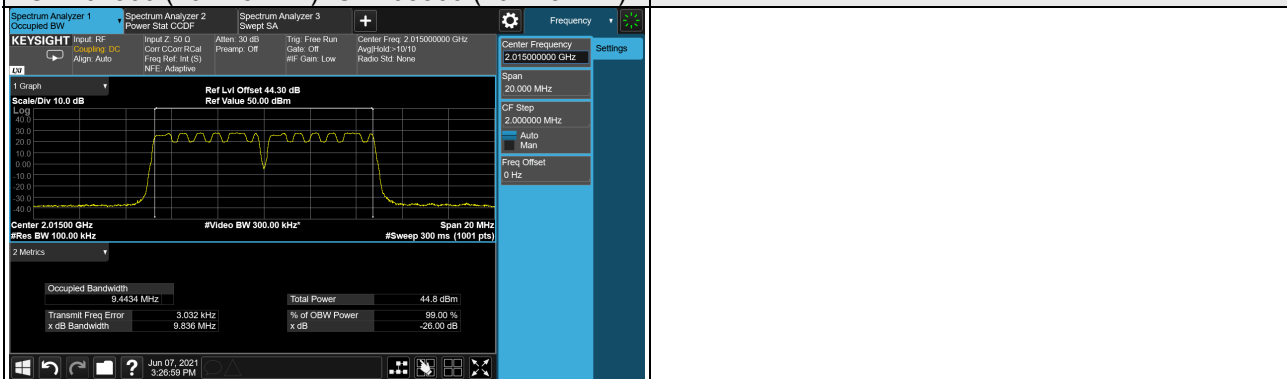
QPSK

Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)

Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

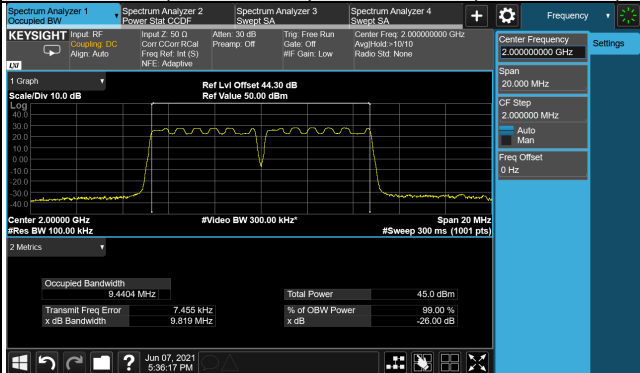


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

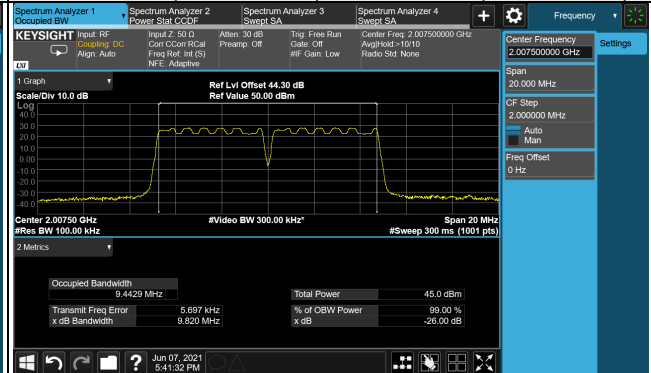


16QAM

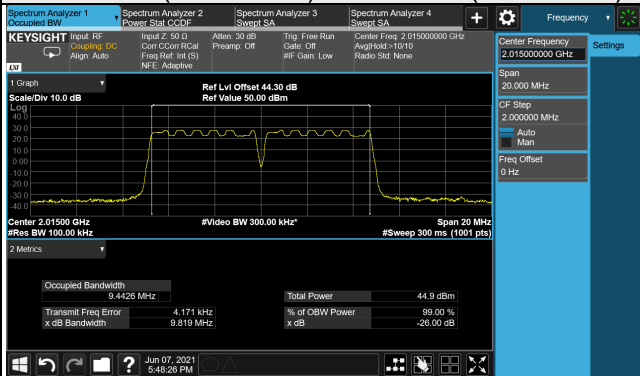
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

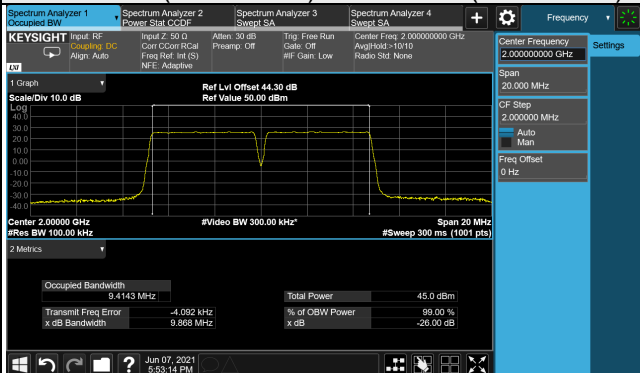


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

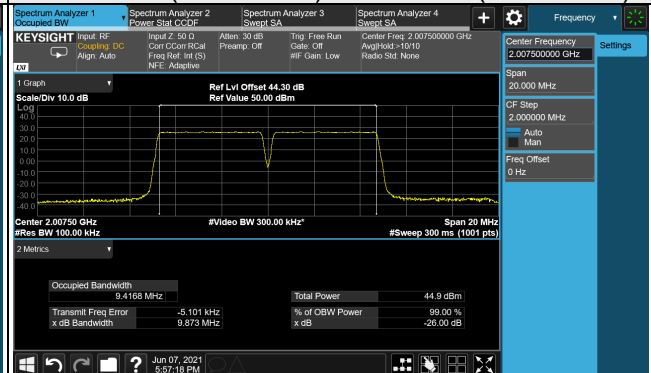


64QAM

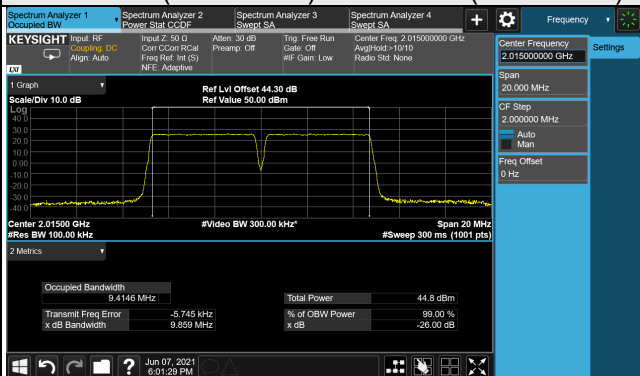
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

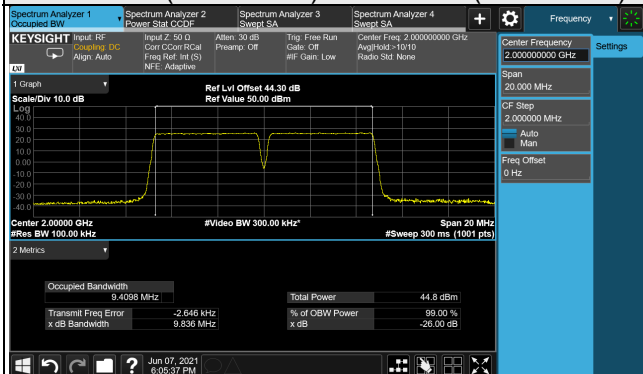


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

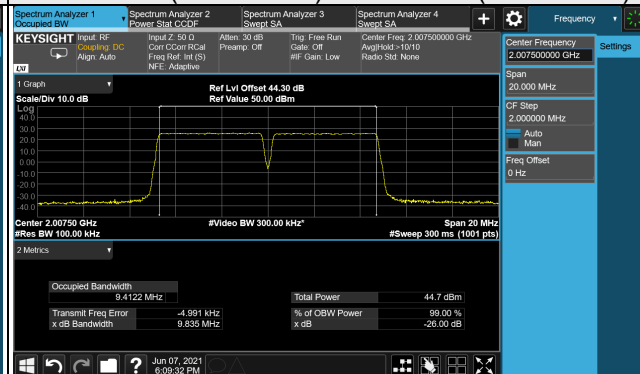


256QAM

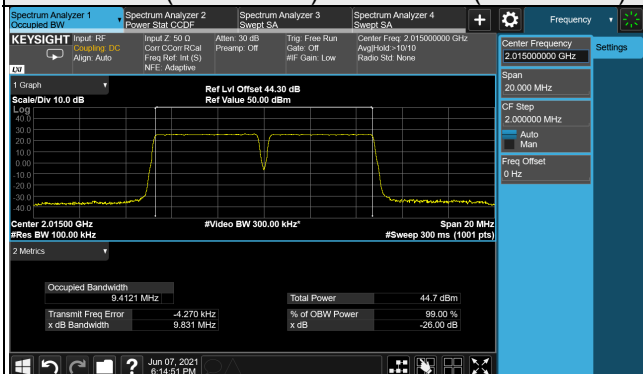
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)



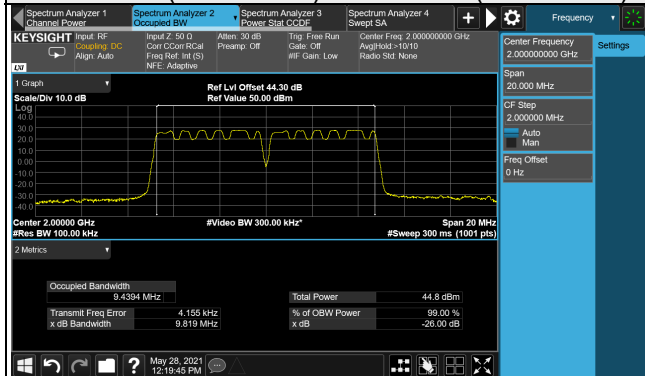
Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)



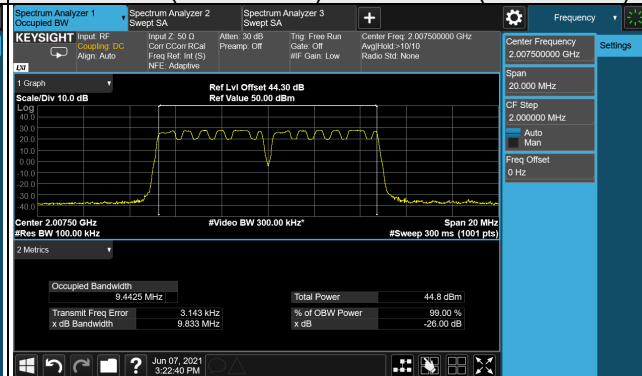
Ant. TX 1

Spectrum Plot of Worst Value
-26dBc Bandwidth
QPSK

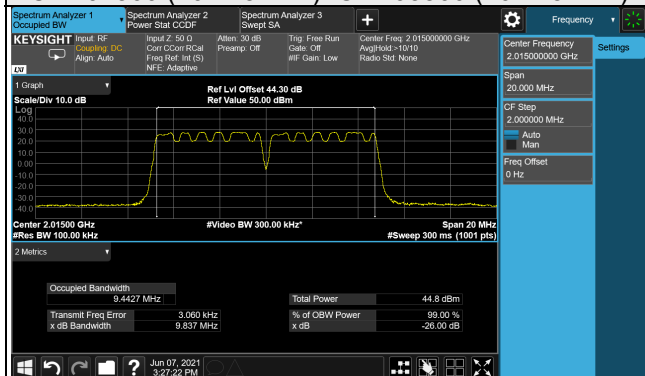
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

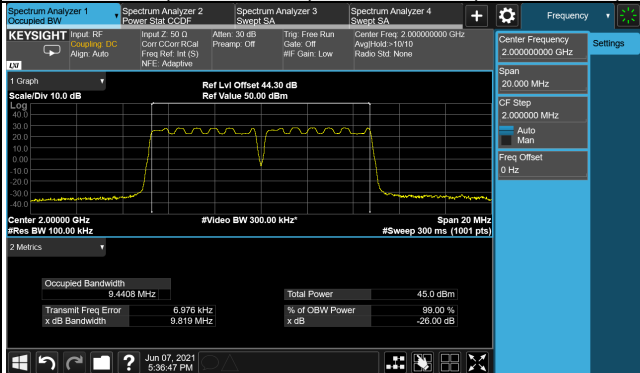


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

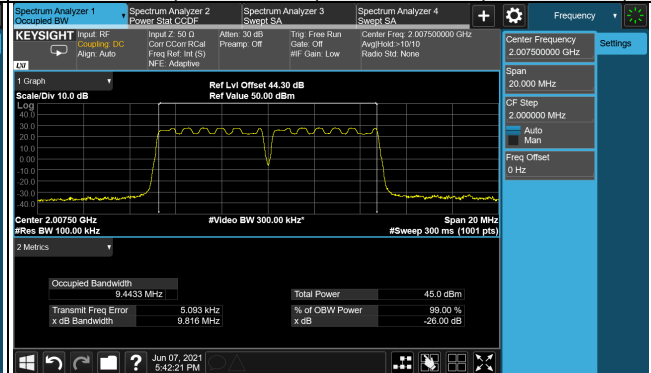


16QAM

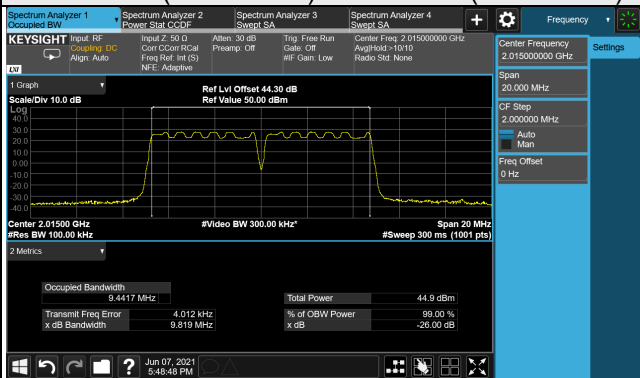
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

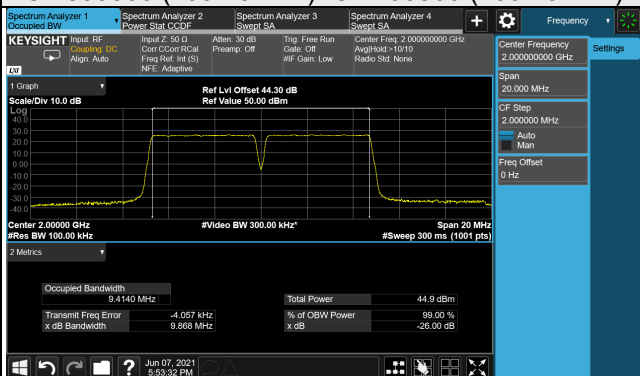


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

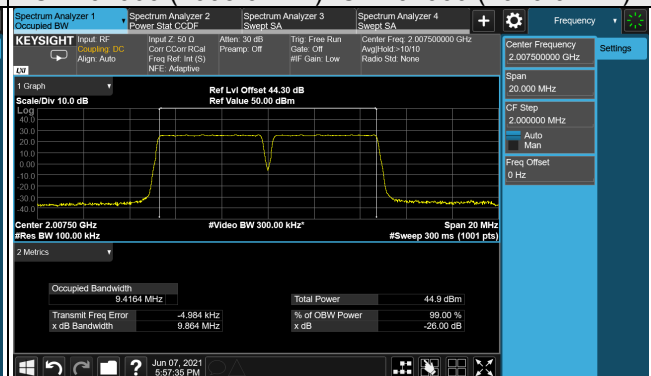


64QAM

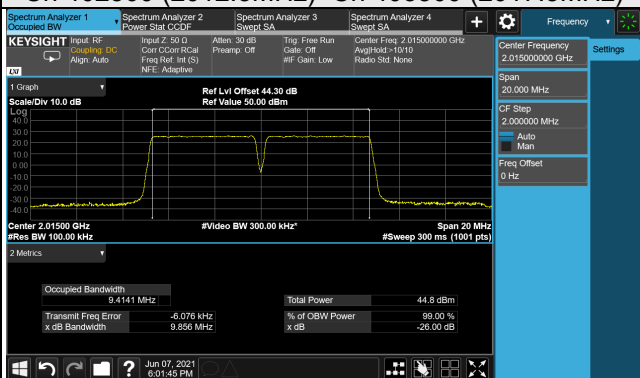
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

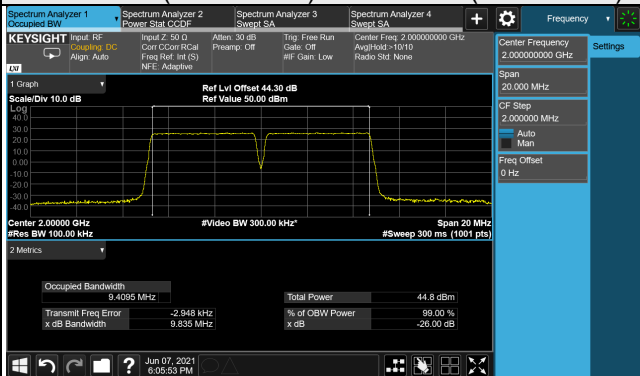


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

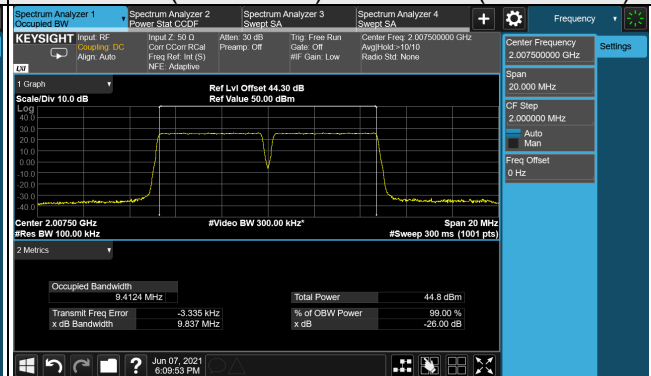


256QAM

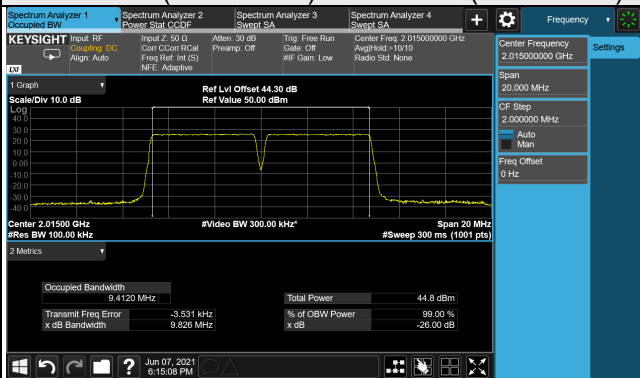
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)



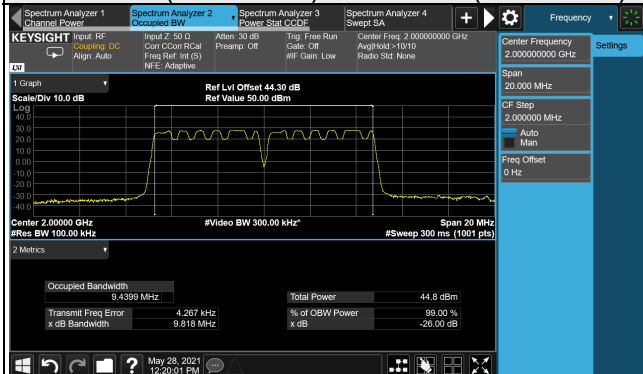
Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)



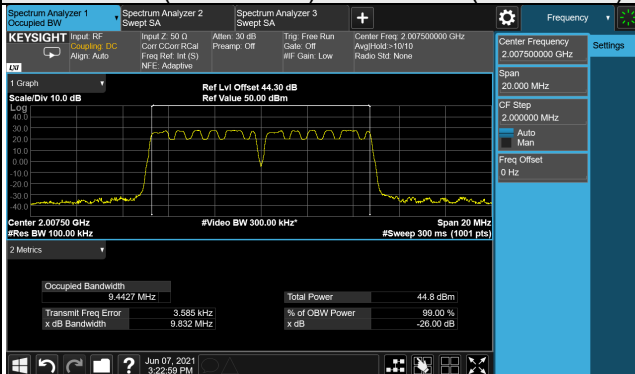
Ant. TX 2

Spectrum Plot of Worst Value
-26dBc Bandwidth
QPSK

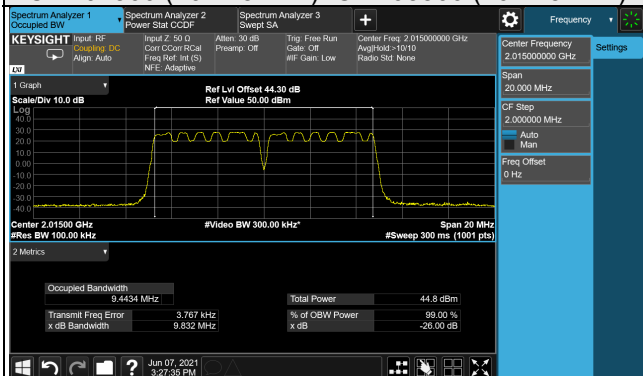
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

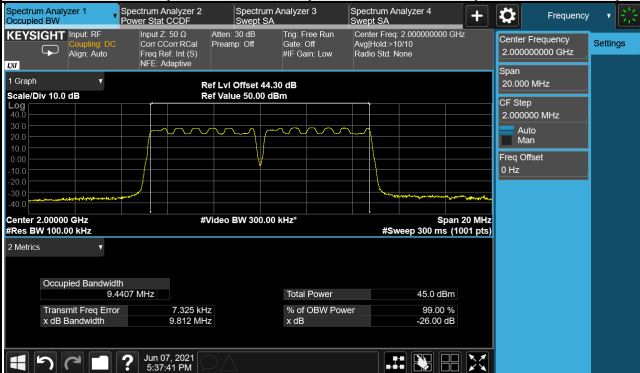


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

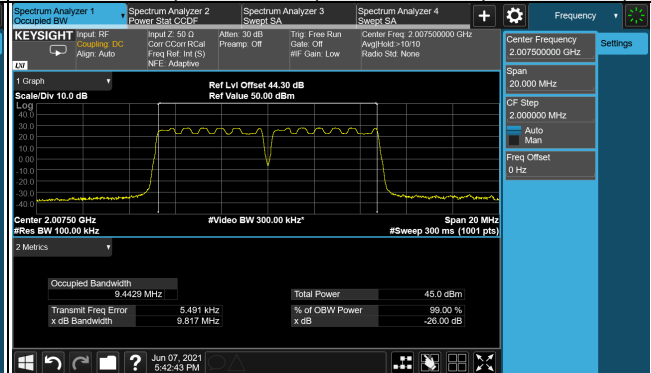


16QAM

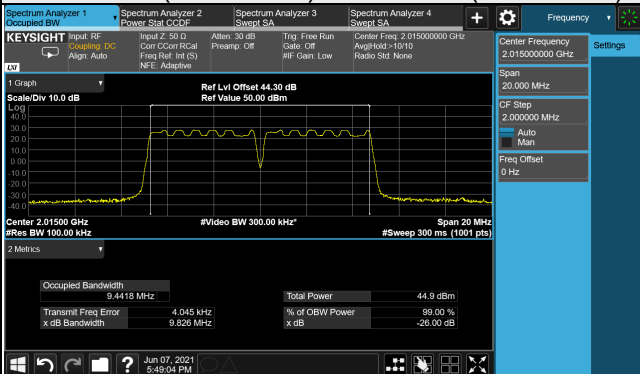
Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)

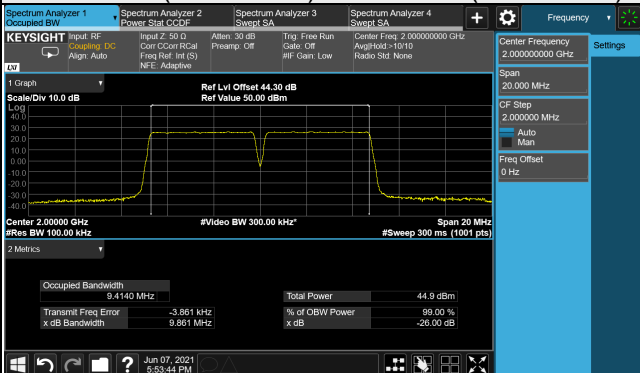


Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

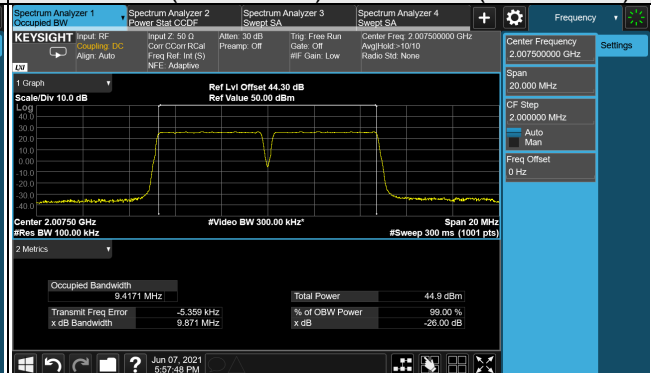


64QAM

Ch 399500 (1997.5MHz)+Ch 400500 (2002.5MHz)



Ch 401000 (2005.0MHz)+Ch 402000 (2010.0MHz)



Ch 402500 (2012.5MHz)+Ch 403500 (2017.5MHz)

