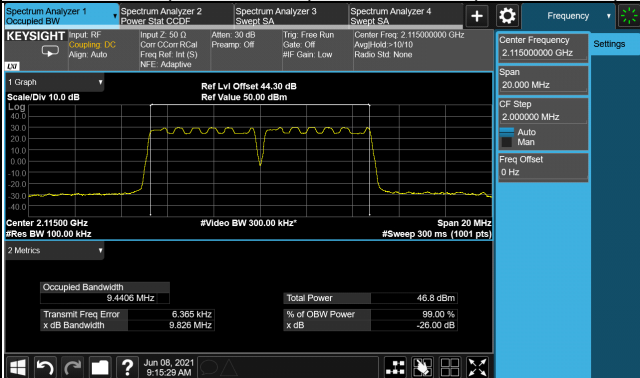
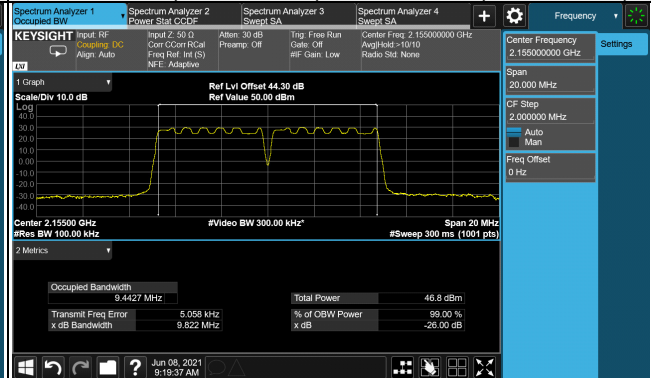


16QAM

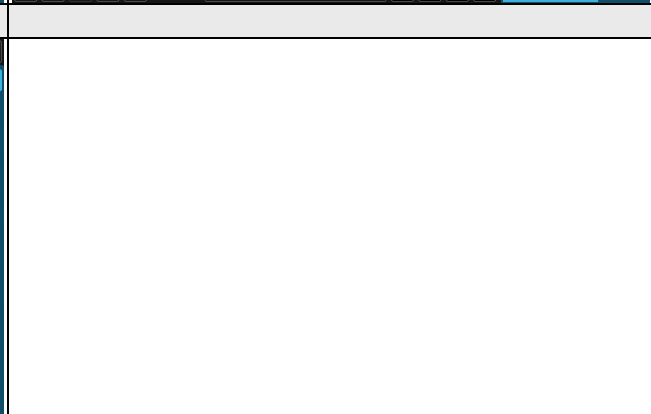
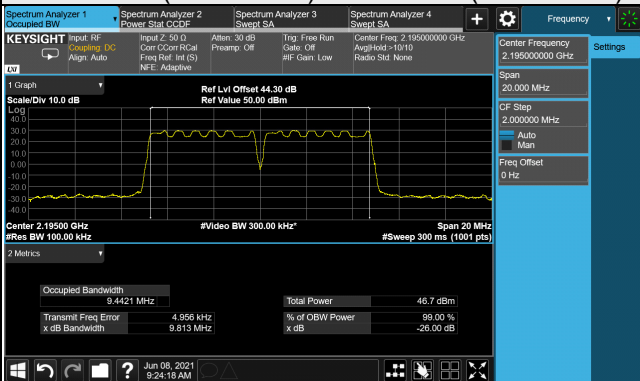
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)

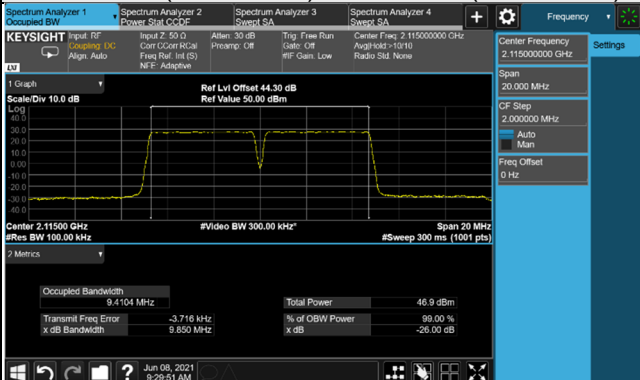


Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)

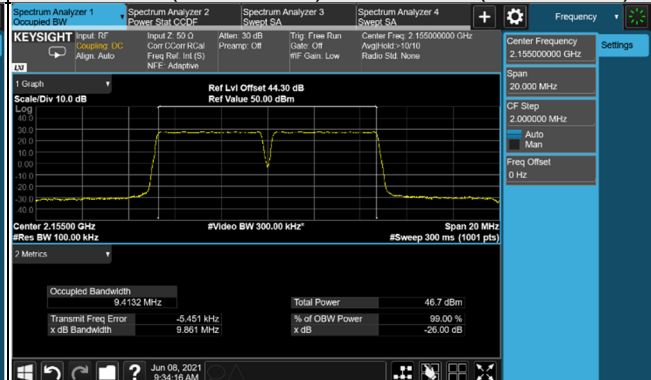


64QAM

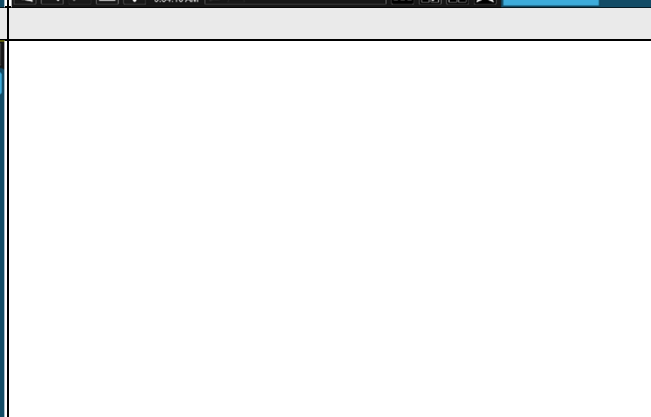
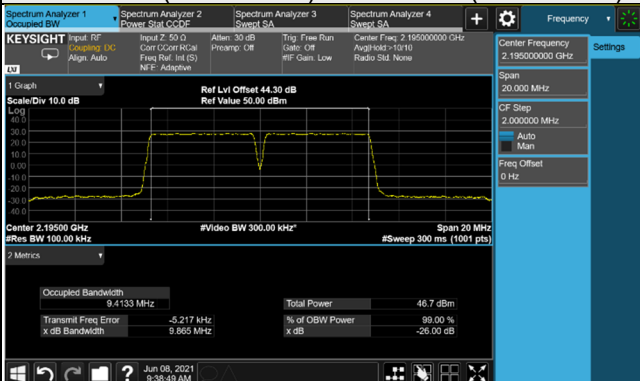
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)

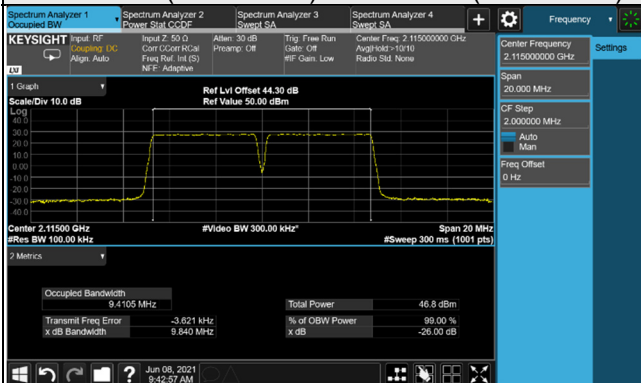


Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)

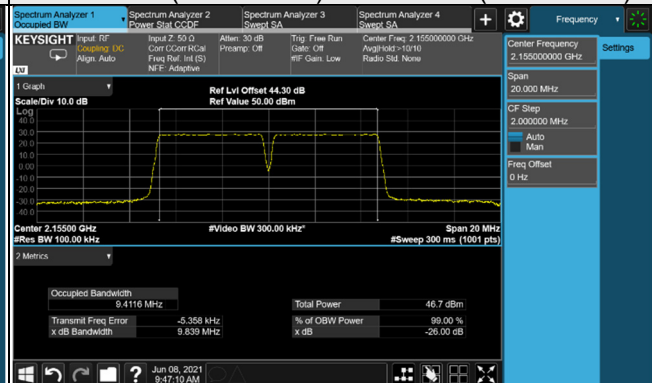


256QAM

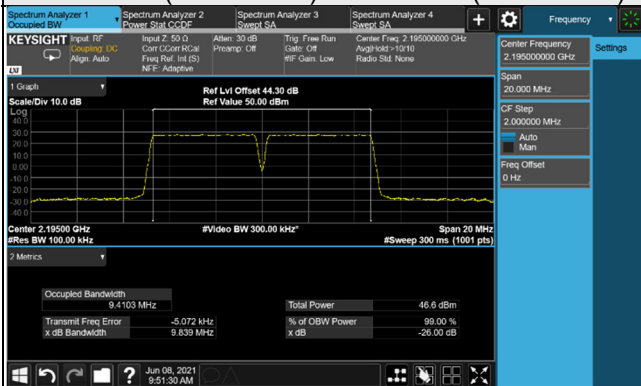
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)



Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)



Ant. TX 3

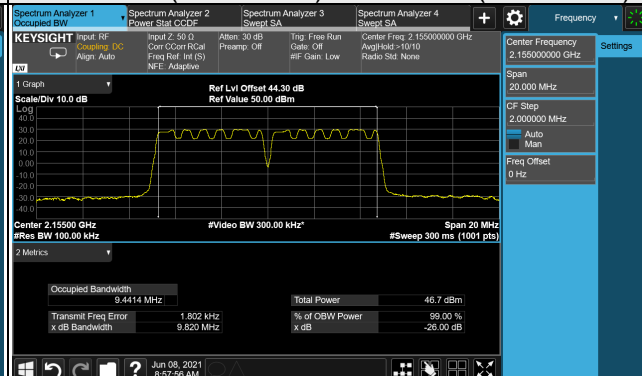
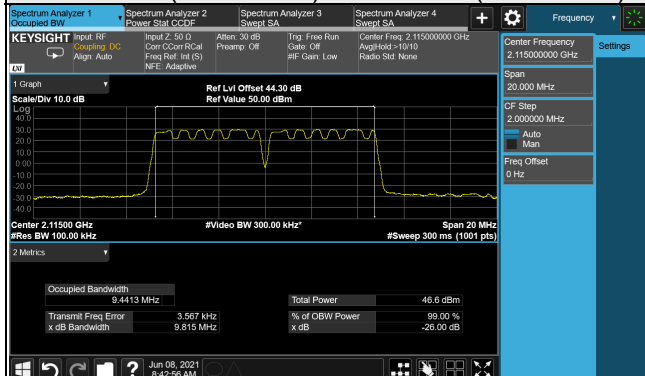
Spectrum Plot of Worst Value

OCP 99 Bandwidth

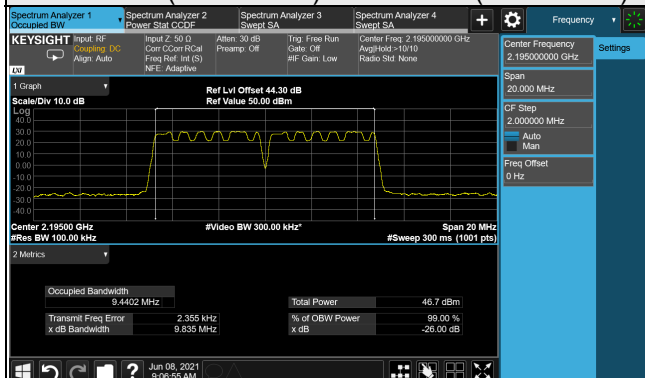
QPSK

Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)

Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)

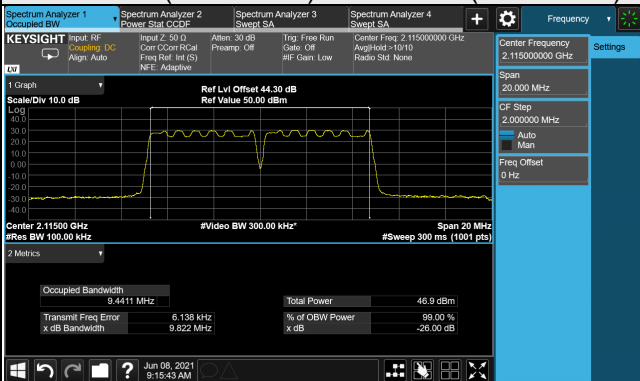


Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)

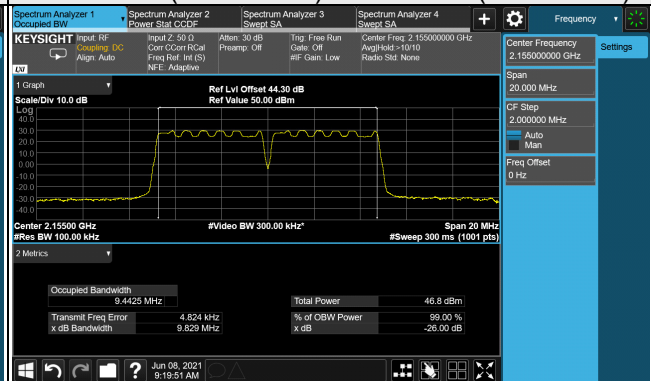


16QAM

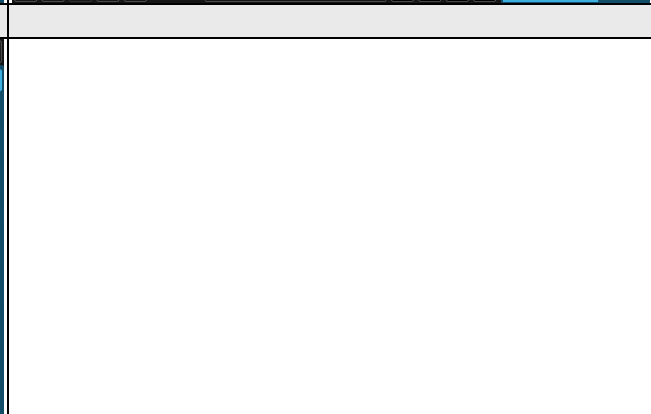
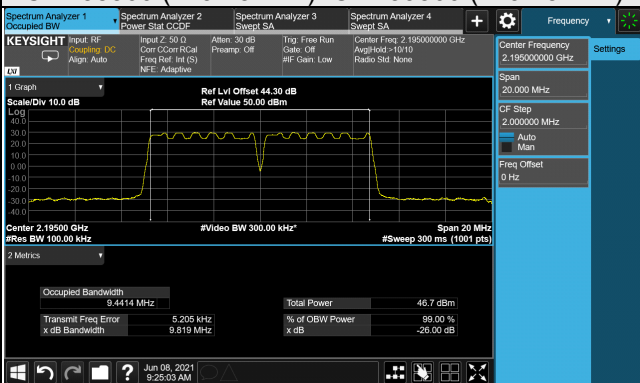
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)

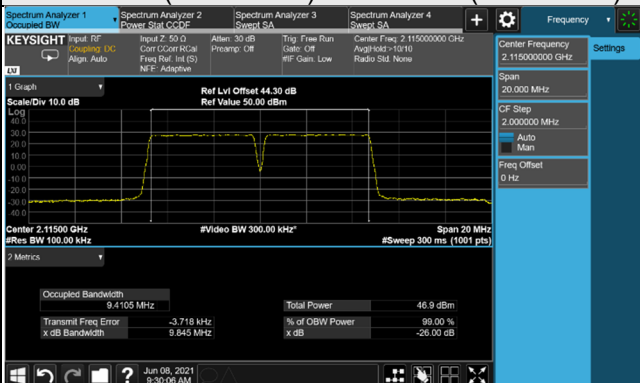


Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)

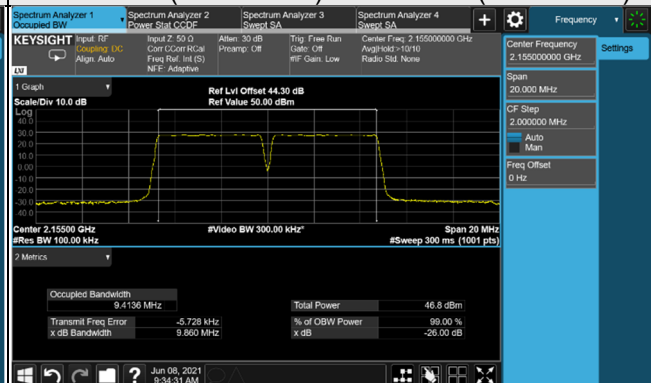


64QAM

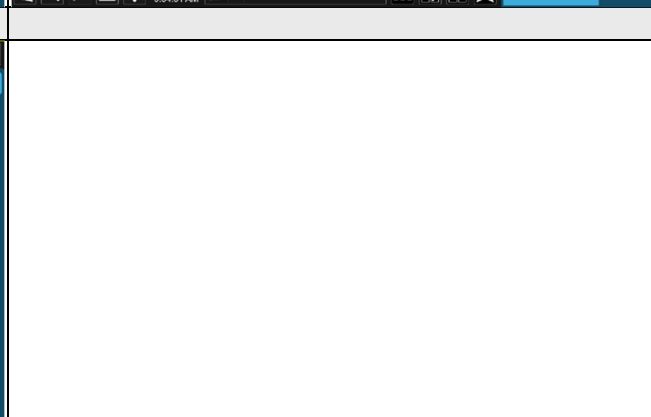
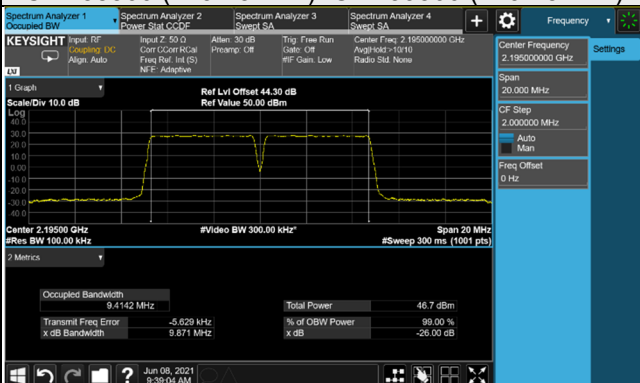
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)

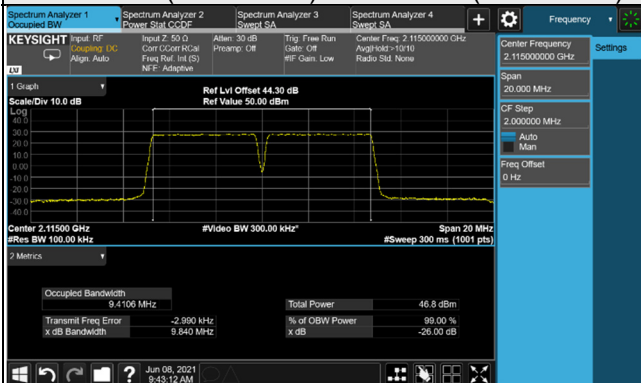


Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)

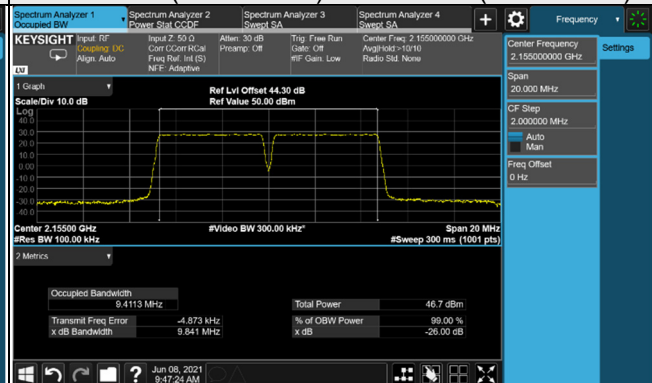


256QAM

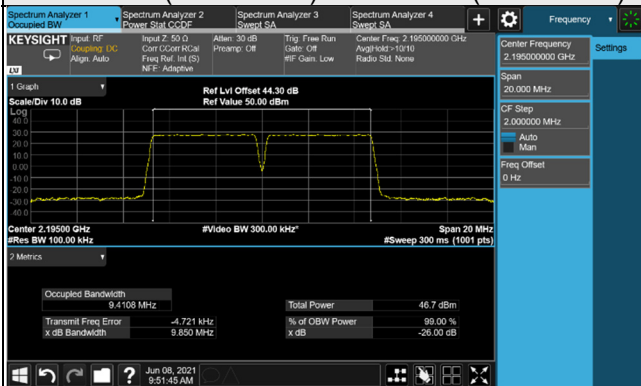
Ch 422500 (2112.5MHz)+Ch 423500 (2117.5MHz)



Ch 430500 (2152.5MHz)+Ch 431500 (2157.5MHz)



Ch 438500 (2192.5MHz)+Ch 439500 (2197.5MHz)



CA-NC Non-Contiguous

5MHz+5MHz

| Channel Number | Freq. (MHz) | OCP 99 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 |
| 422500+ 433500 | 2112.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | 2167.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | Total | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 |
| 425500+ 436500 | 2127.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | 2182.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | Total | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 |
| 428500+ 439500 | 2142.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | 2197.5 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 | 4.48 | 4.48 | 4.46 | 4.46 |
| | Total | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 | 8.96 | 8.96 | 8.92 | 8.92 |

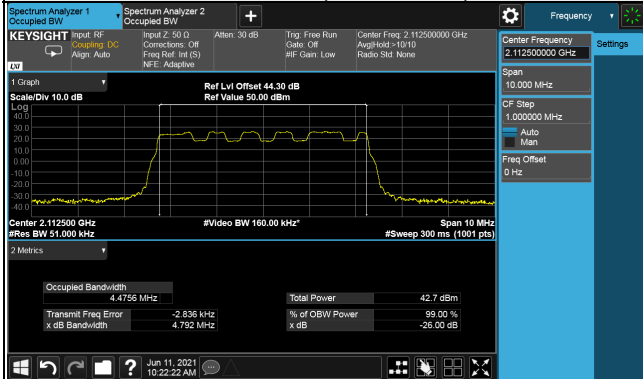
Ant. TX 0

Spectrum Plot of Worst Value

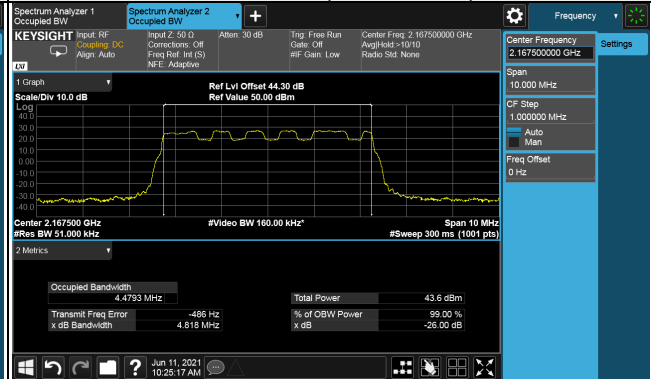
OCP 99 Bandwidth

QPSK

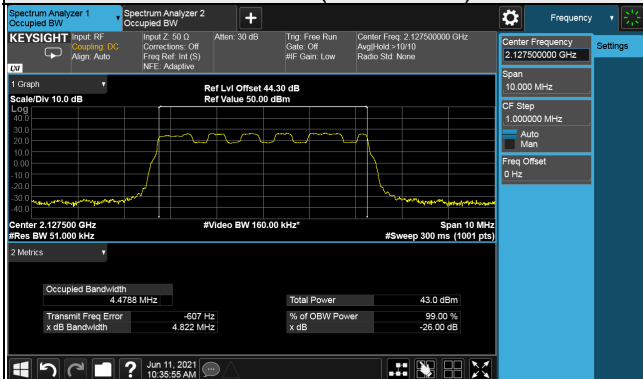
Ch 422500 (2112.5MHz)



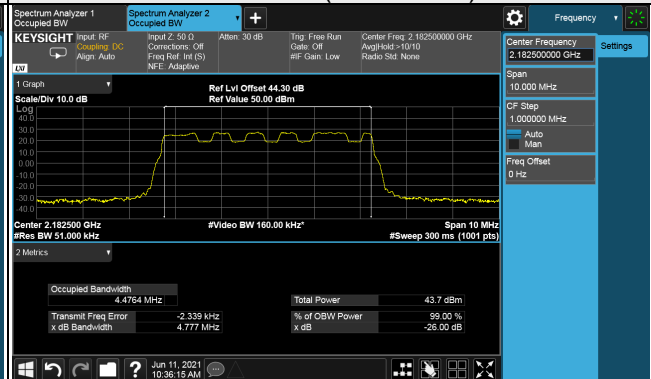
Ch 433500 (2167.5MHz)



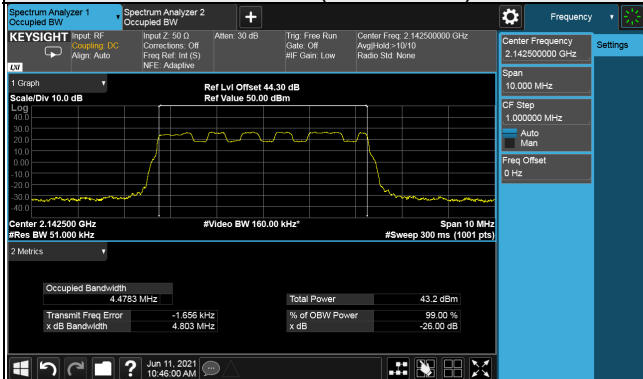
Ch 425500 (2127.5MHz)



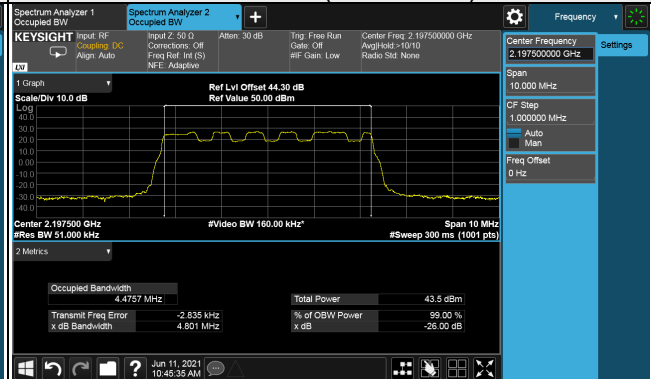
Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)

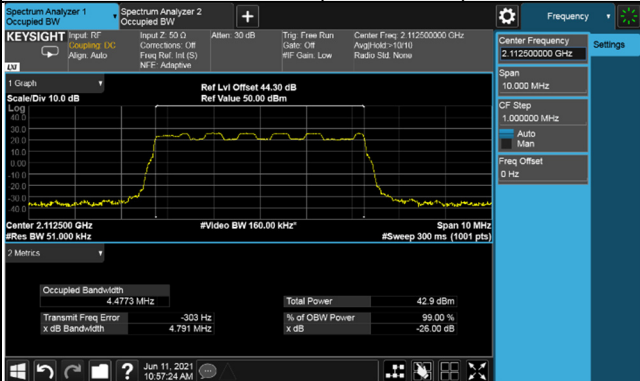


Ch 439500 (2197.5MHz)

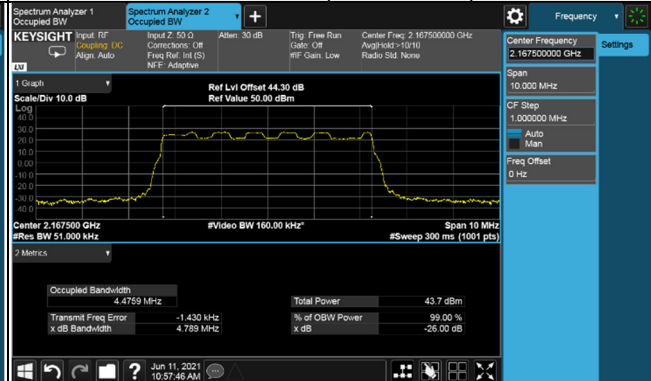


16QAM

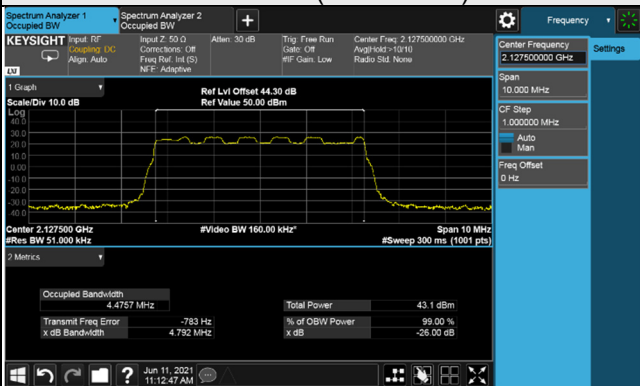
Ch 422500 (2112.5MHz)



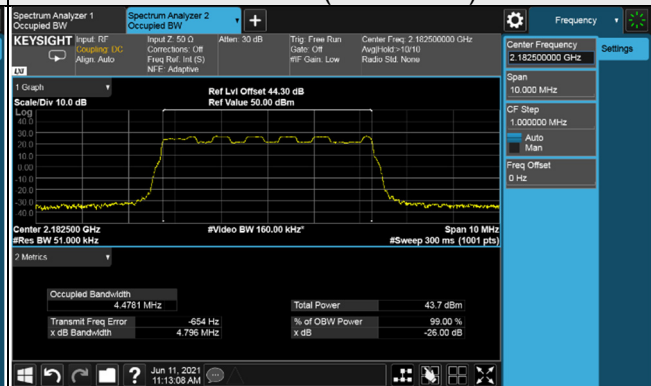
Ch 433500 (2167.5MHz)



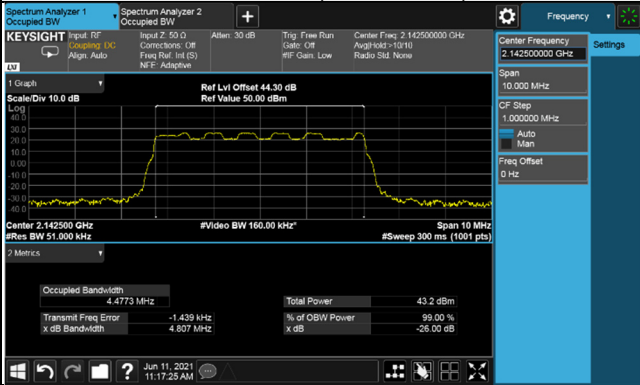
Ch 425500 (2127.5MHz)



Ch 436500 (2182.5MHz)



Ch 428500 (2142.5MHz)



Ch 439500 (2197.5MHz)

