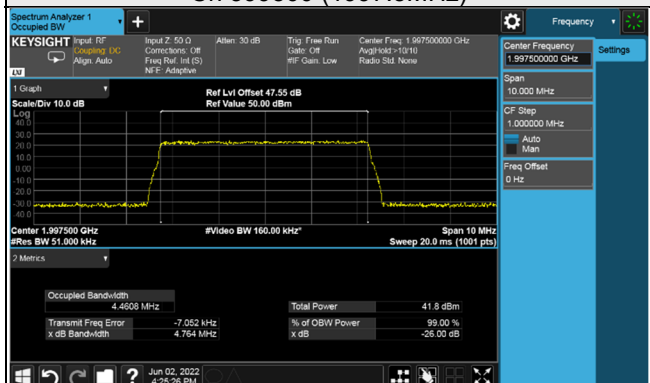
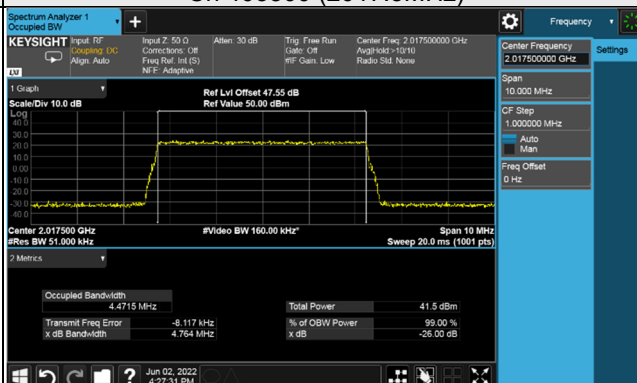


64QAM

Ch 399500 (1997.5MHz)

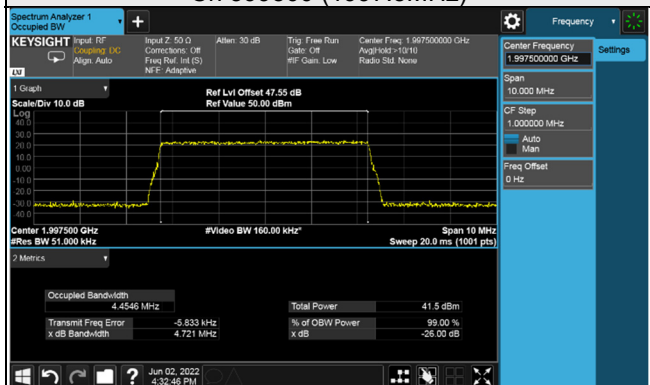


Ch 403500 (2017.5MHz)

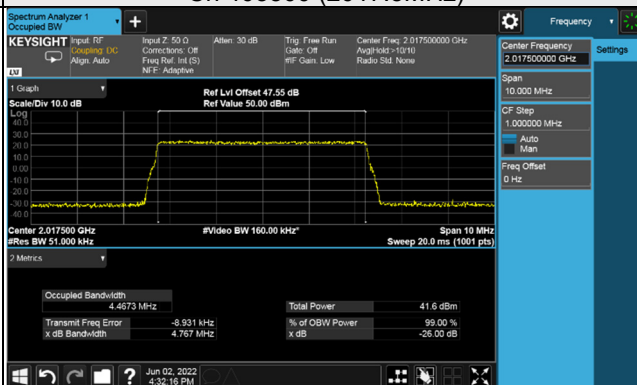


256QAM

Ch 399500 (1997.5MHz)



Ch 403500 (2017.5MHz)



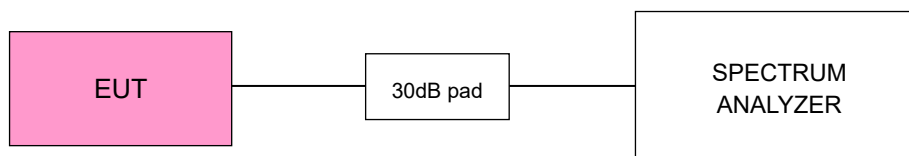
4.5 Channel Edge Measurement

4.5.1 Limits of Band Edge Measurement

According to FCC 27.53(h) for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

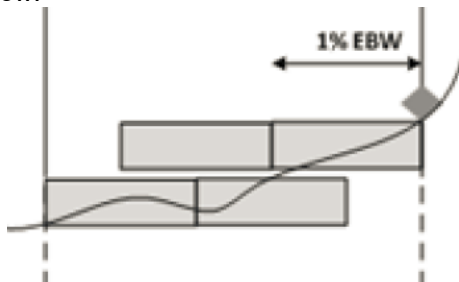
Note: This device can be implement MIMO function, so the limit of spurious emissions needs to be reduced by $10\log(\text{Numbers}_{\text{Ant}})$ according to FCC KDB 662911 D01 guidance.

4.5.2 Test Setup



4.5.3 Test Procedures

- All measurements were done at low and high operational frequency range.
- Use a measurement bandwidth less than required measurement bandwidth and integrate across the required bandwidth.
- Measurement multiple integrate bandwidth and across the 1 MHz adjacent to the block edge. For example below.



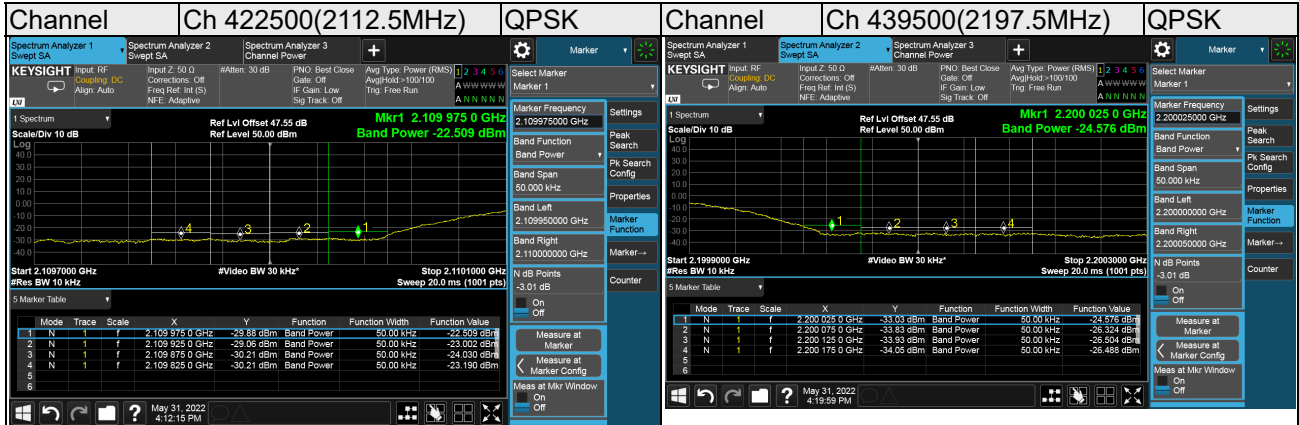
- Set spectrum analyzer RBW=10kHz/VBW=30kHz, integration 1% EBW of band-edge.
- Detector = RMS (Power average).
- Record the max trace plot into the test report.

Note: The band edge point/plot shown has already been evaluated to be the worst-case.

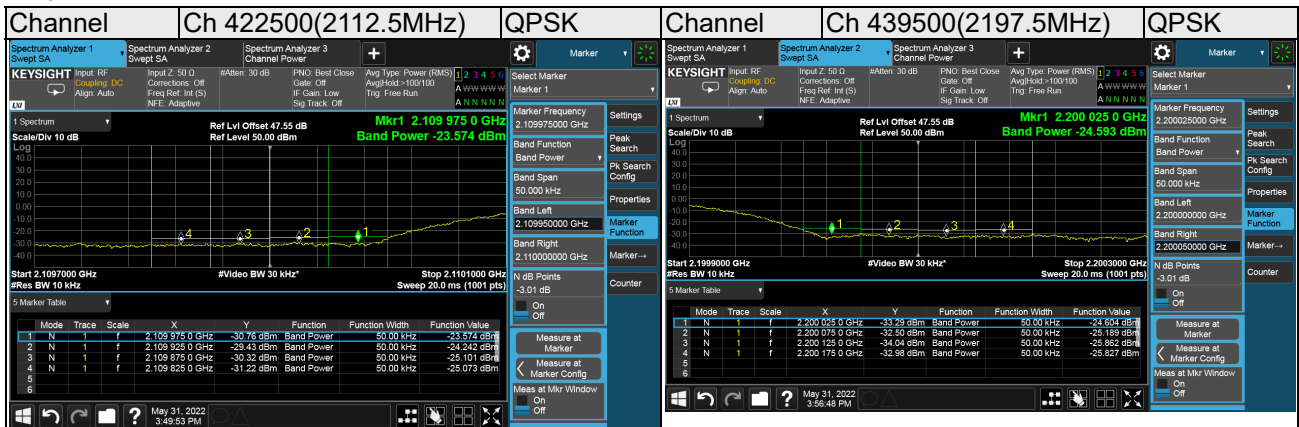
4.5.4 Test Results

Band n66
Single Carrier

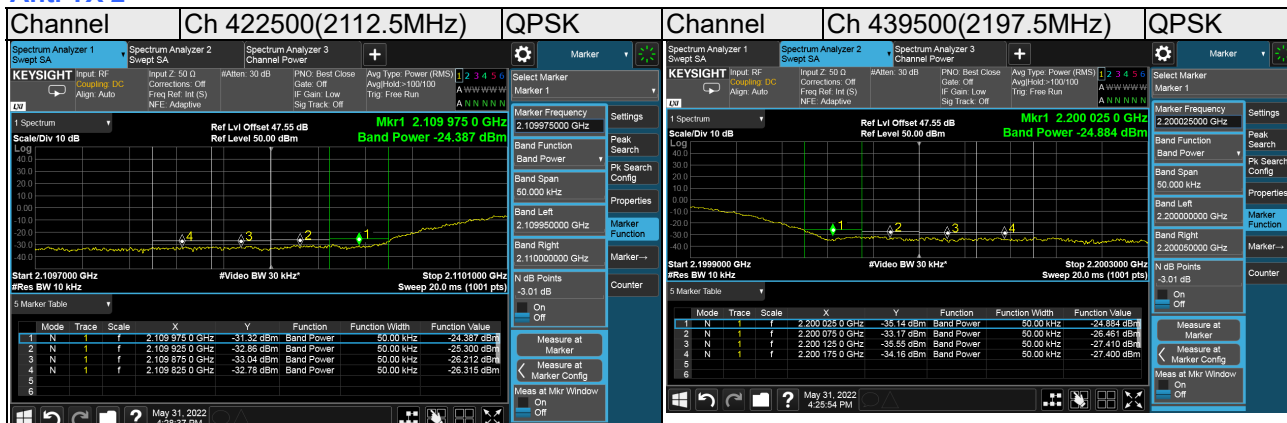
5MHz
Ant. TX 0



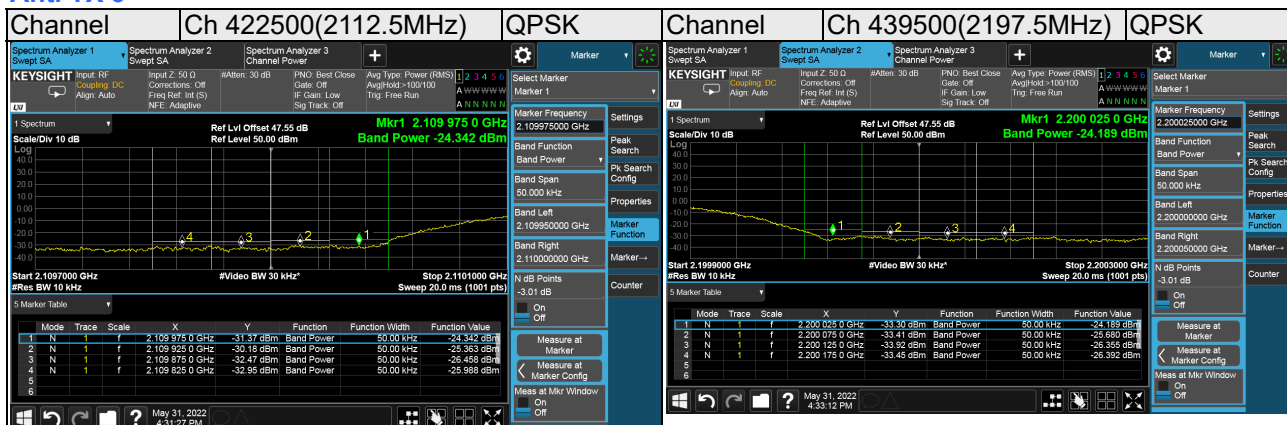
Ant. TX 1



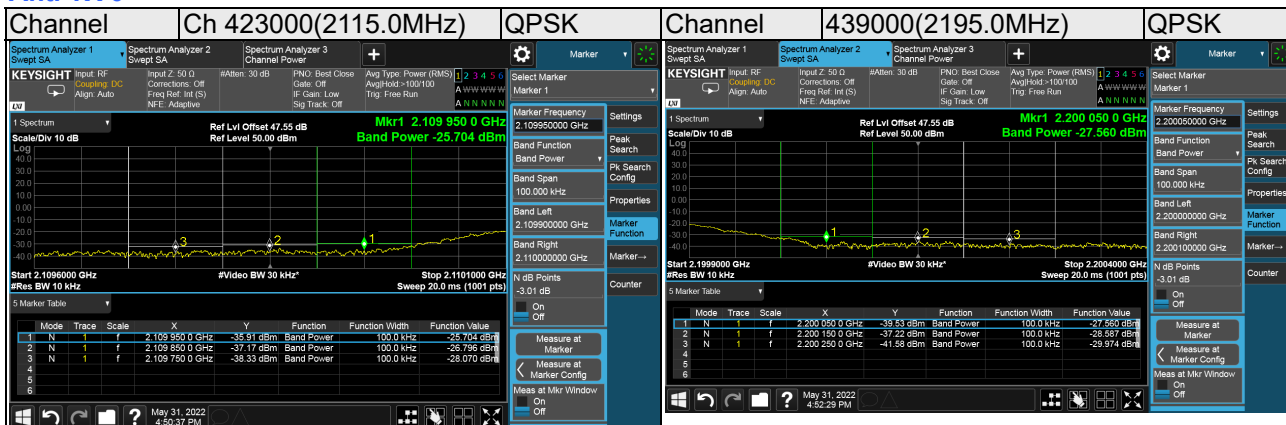
Ant. TX 2



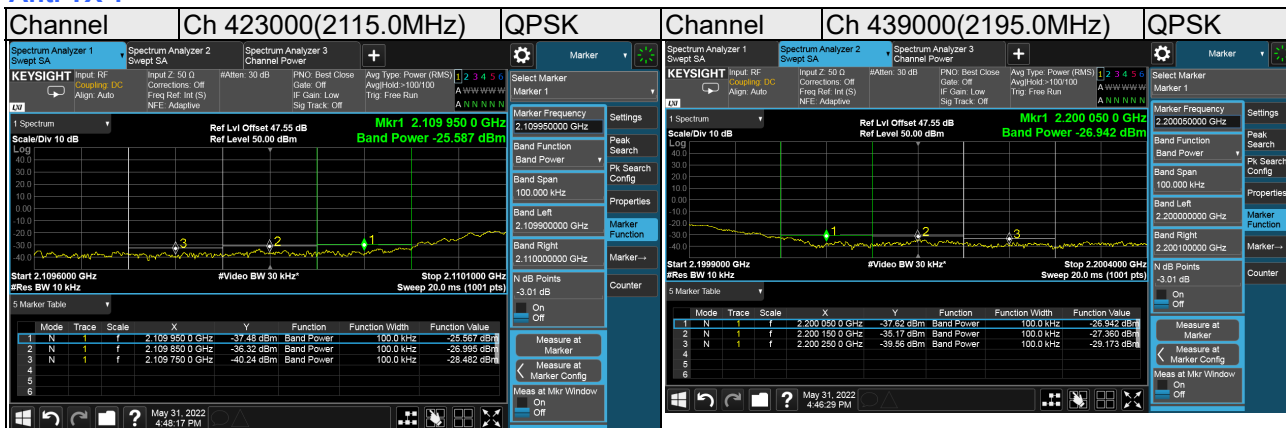
Ant. TX 3



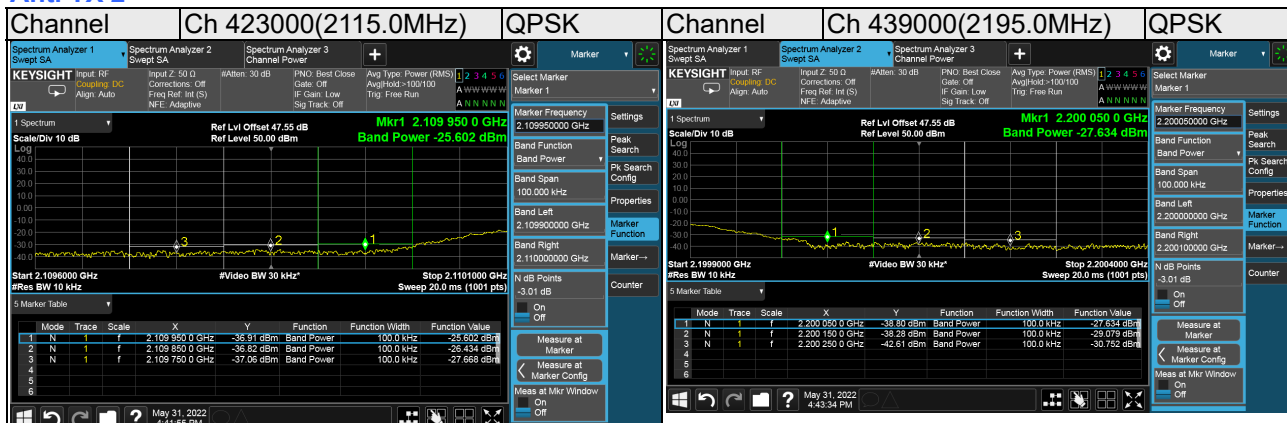
10MHz Ant. TX 0



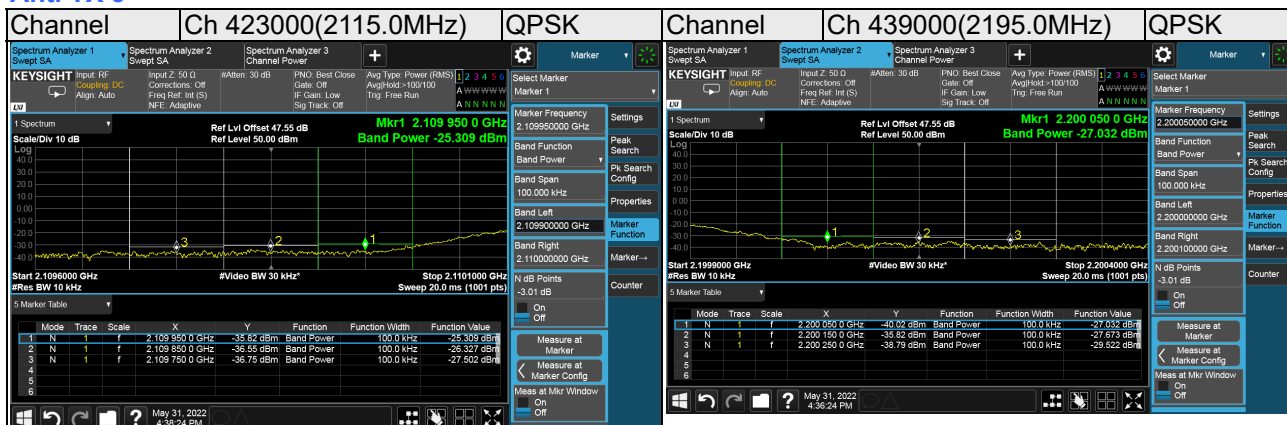
Ant. TX 1



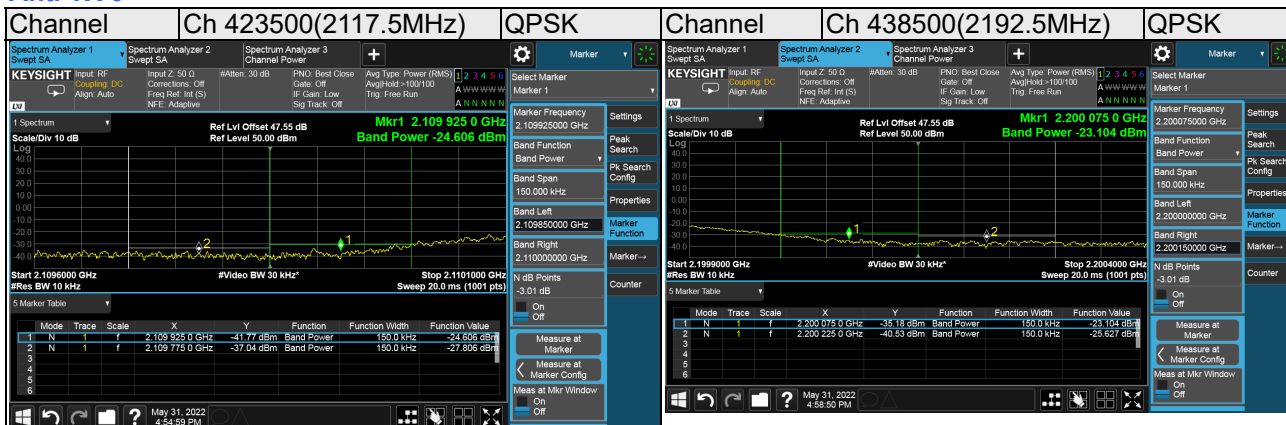
Ant. TX 2



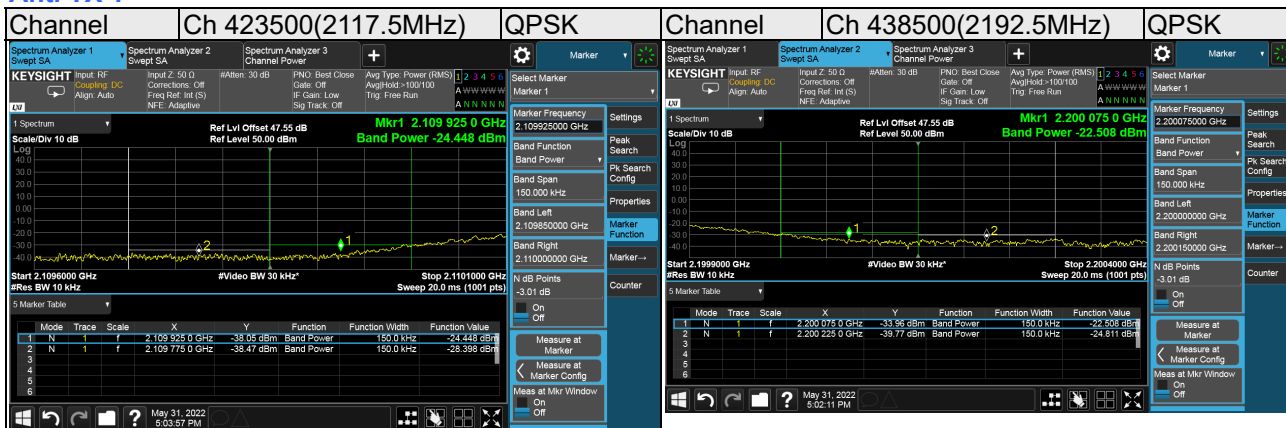
Ant. TX 3



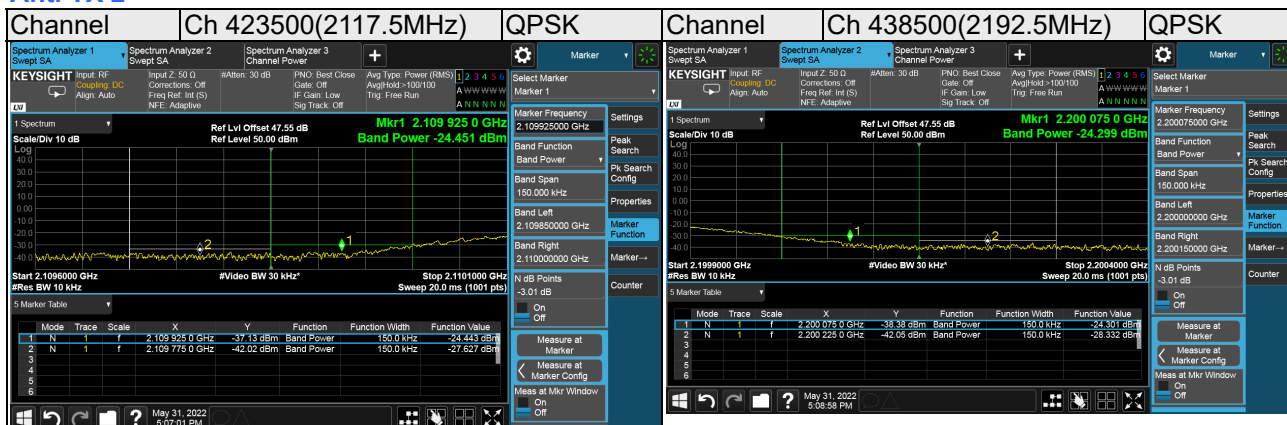
15MHz Ant. TX 0



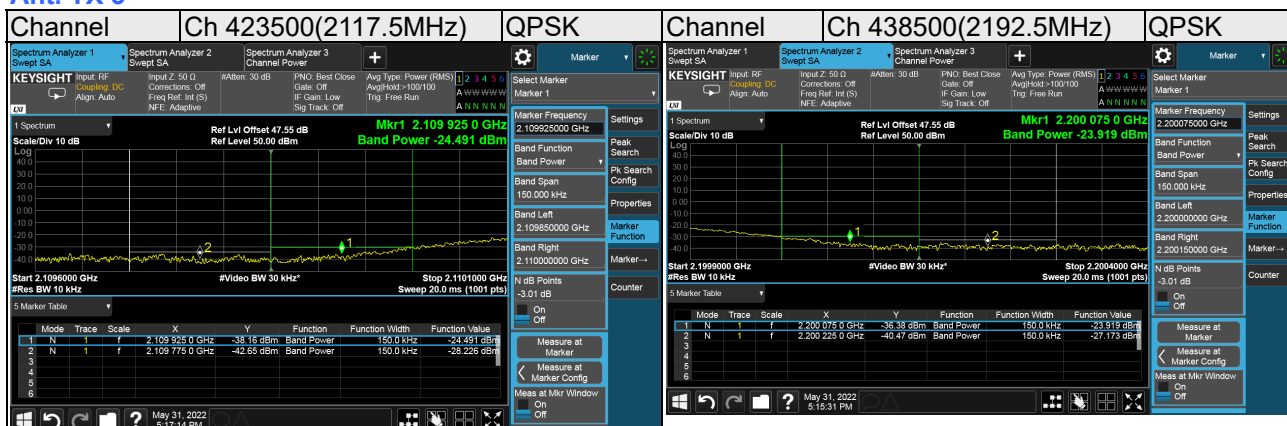
Ant. TX 1



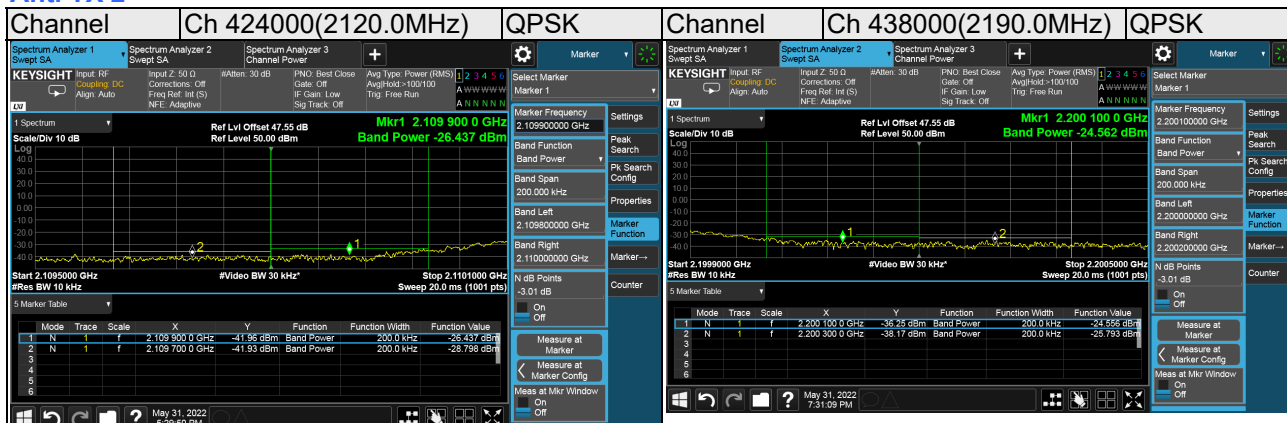
Ant. TX 2



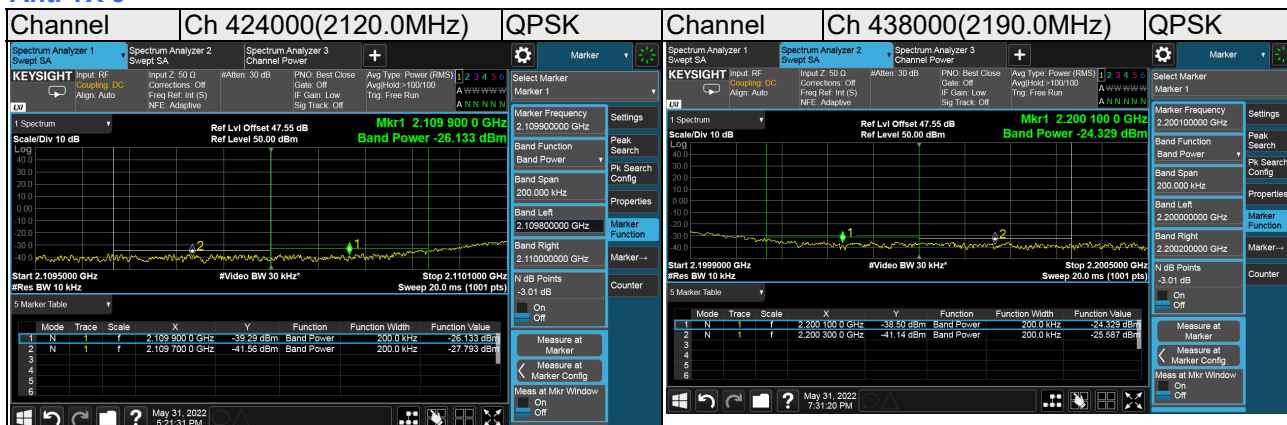
Ant. TX 3



Ant. TX 2

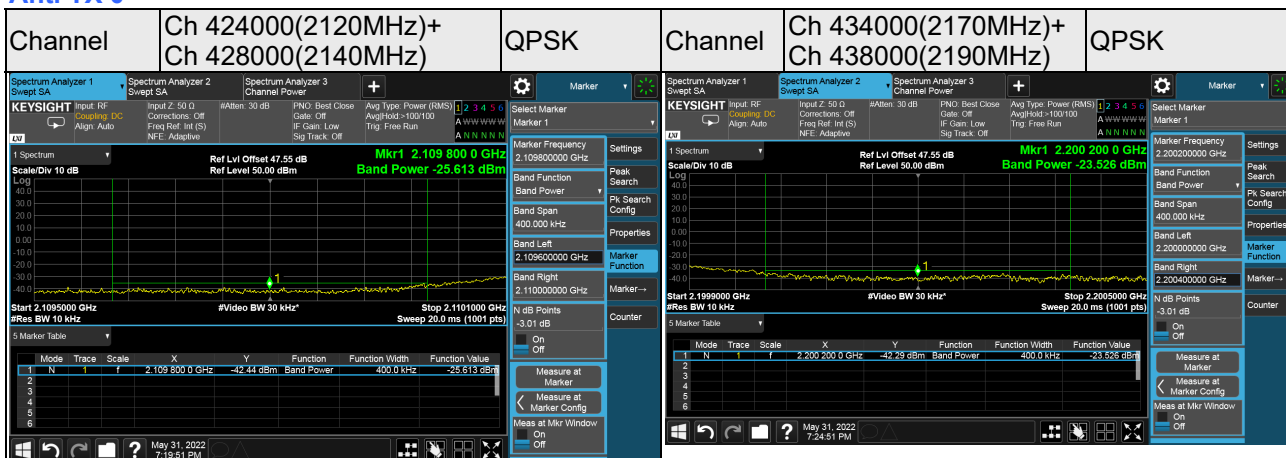


Ant. TX 3

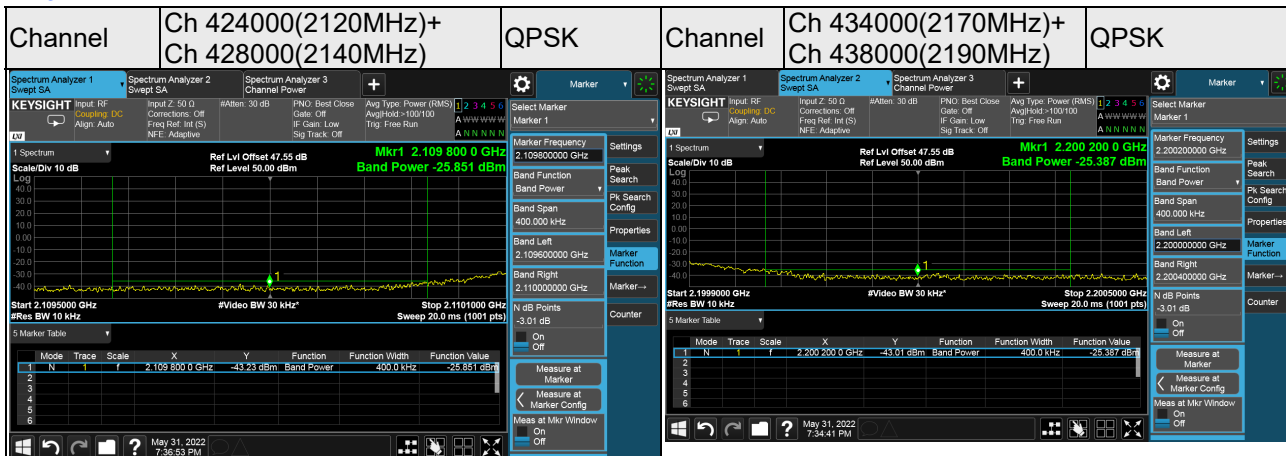


CA Contiguous

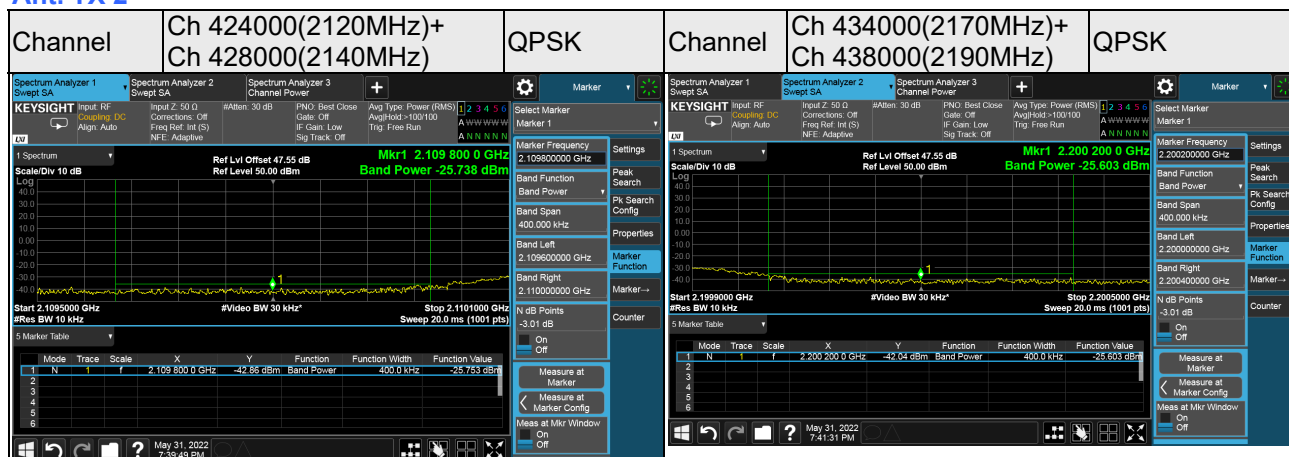
20MHz+20MHz
Ant. TX 0



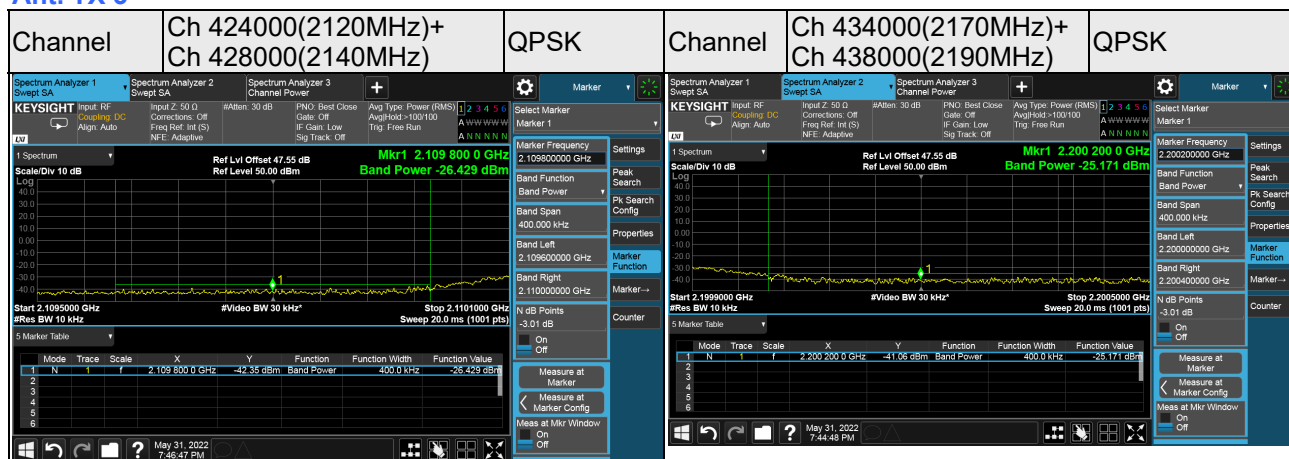
Ant. TX 1



Ant. TX 2

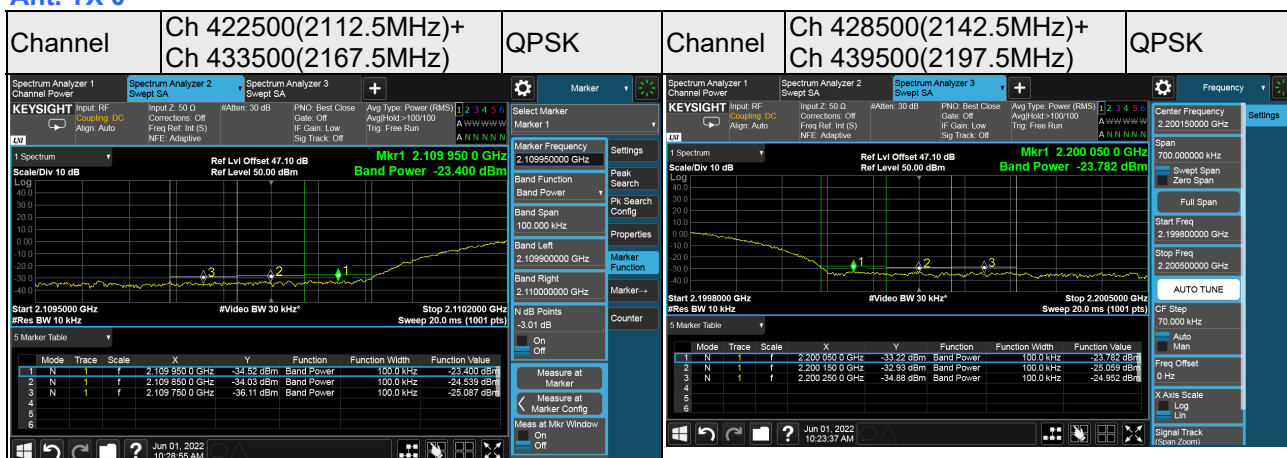


Ant. TX 3

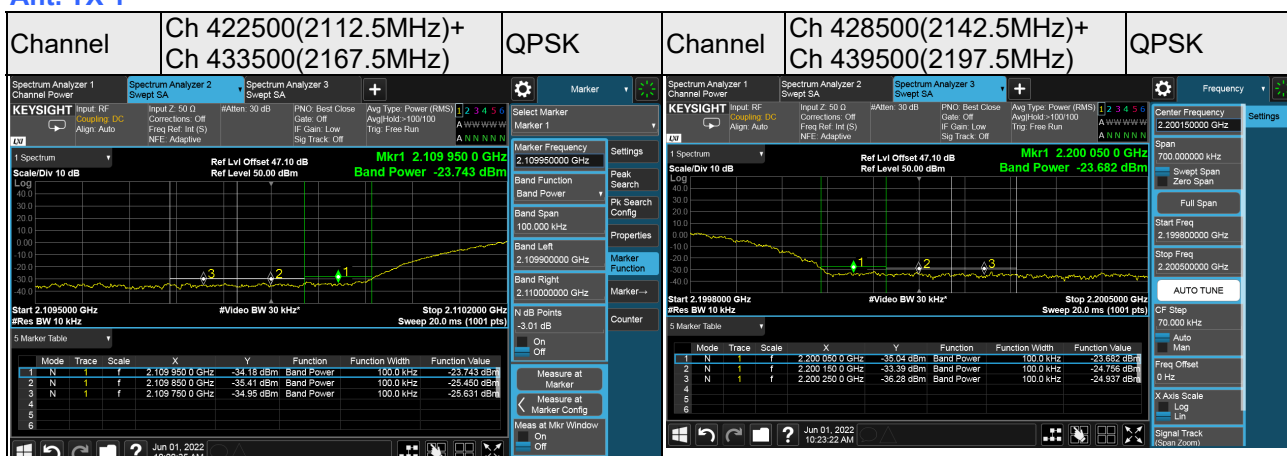


CA-Non-Contiguous

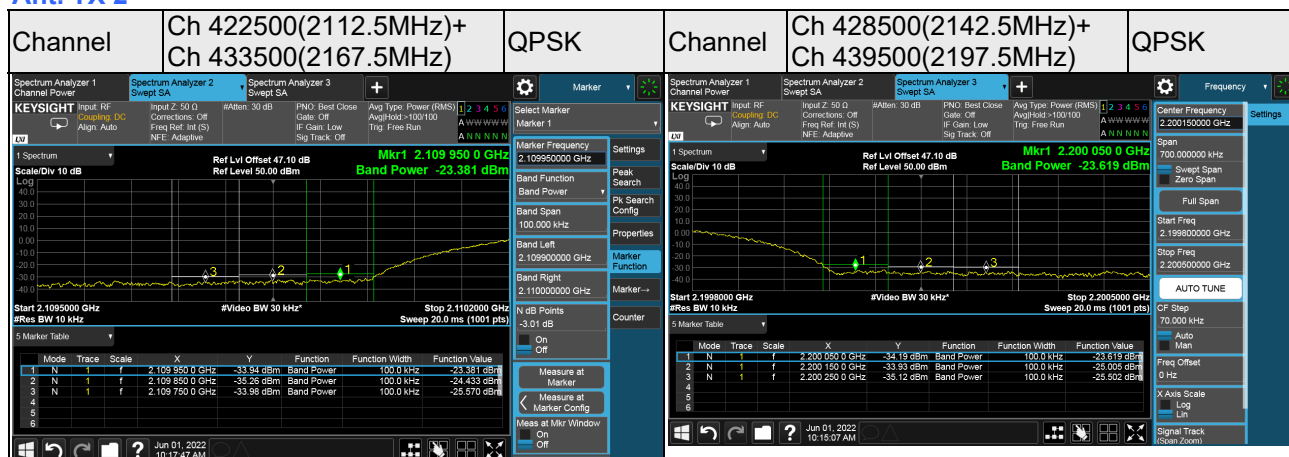
5MHz+5MHz
Ant. TX 0



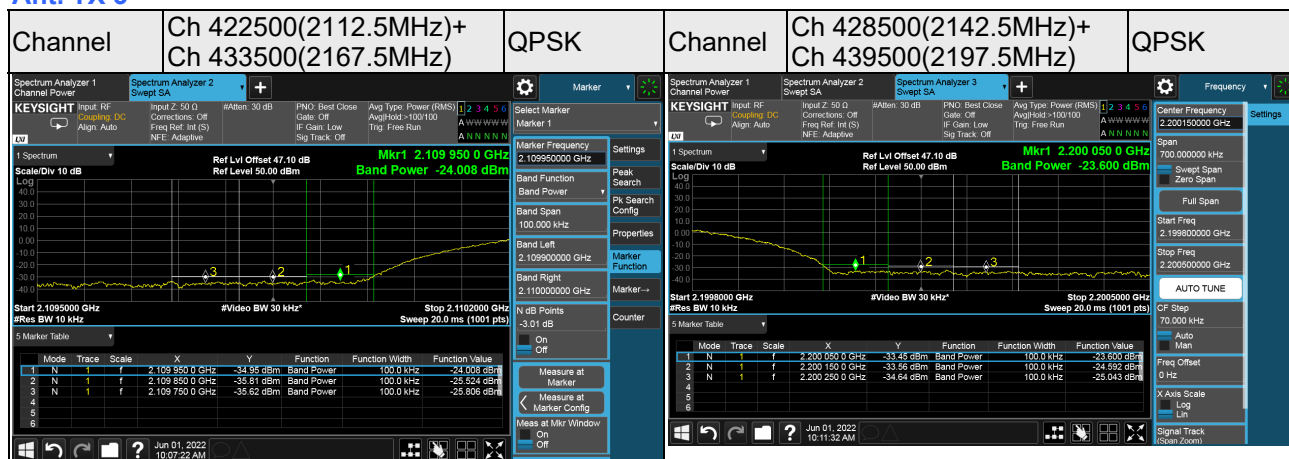
Ant. TX 1



Ant. TX 2

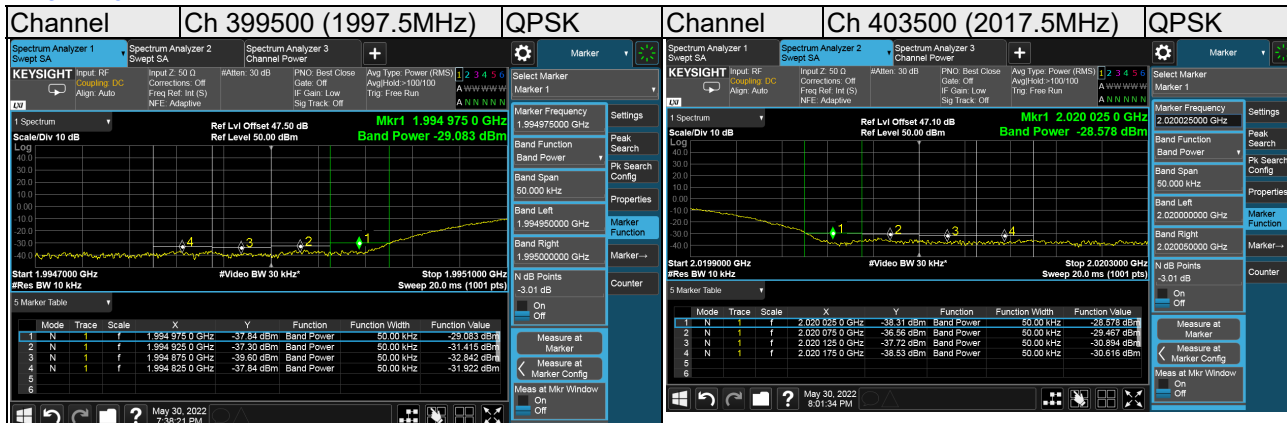


Ant. TX 3

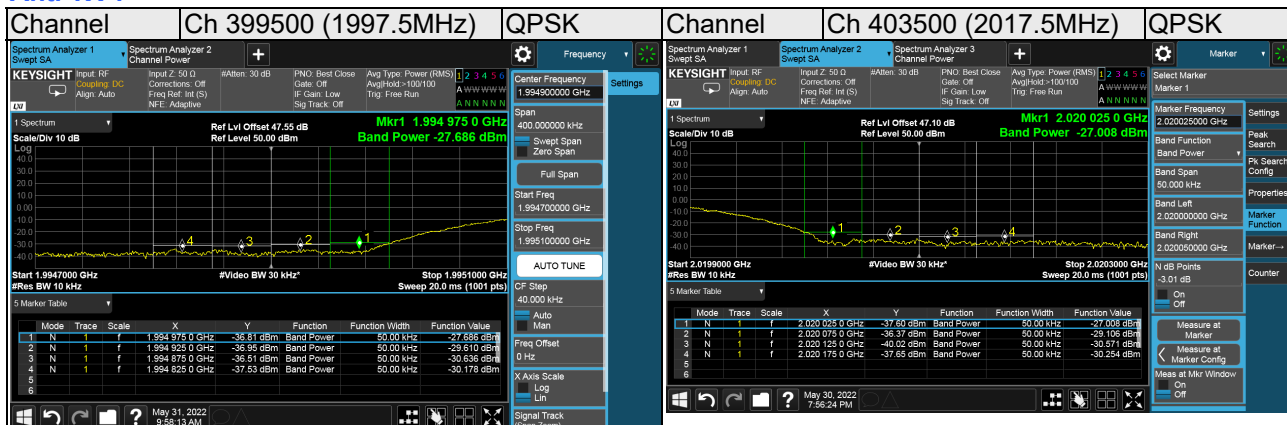


Band n70 Single Carrier

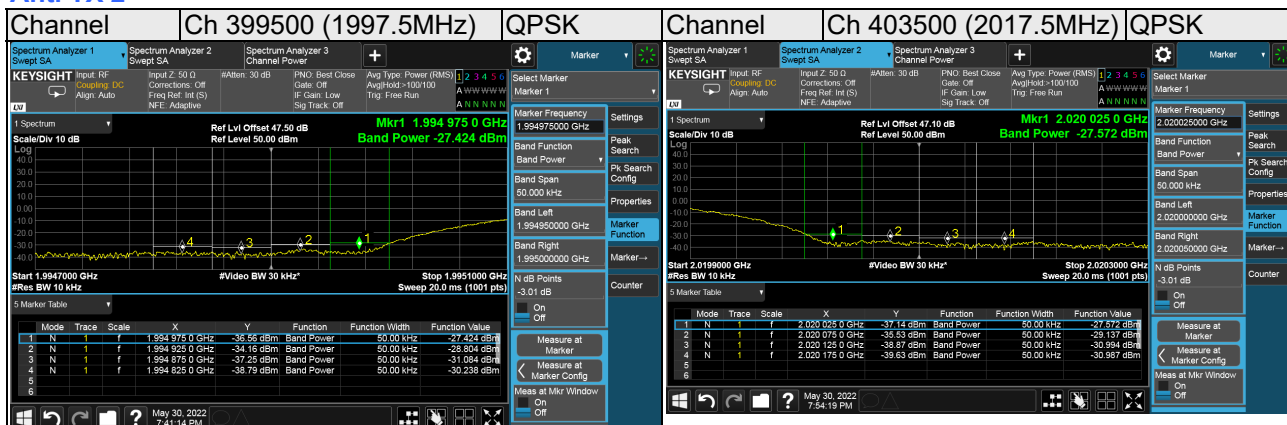
5MHz
Ant. TX 0



Ant. TX 1



Ant. TX 2



Ant. TX 3

