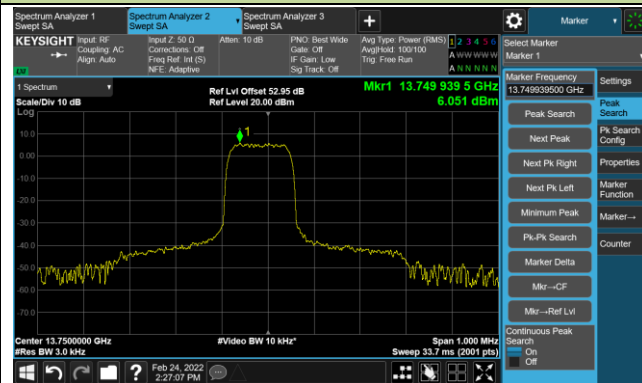
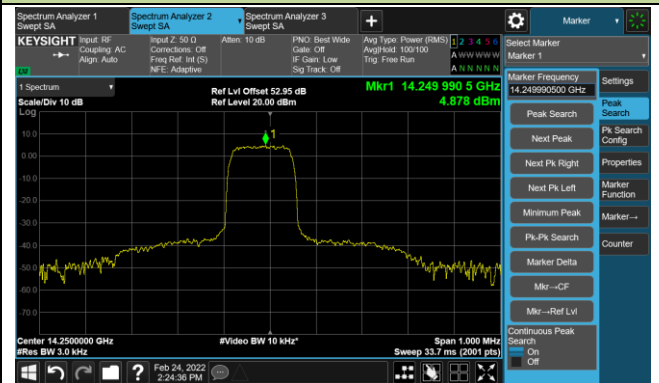


BPSK (128kbps) - Average PSD - Ant 1

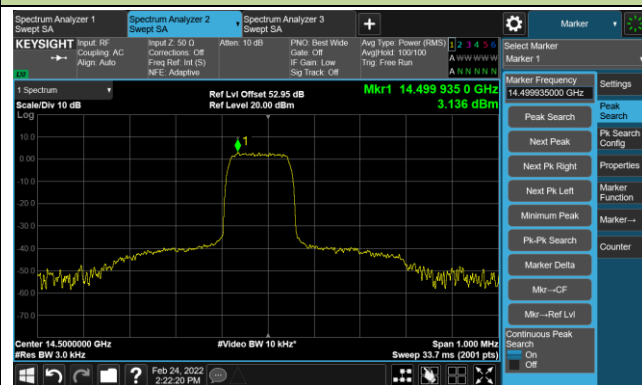
13750 MHz



14250 MHz

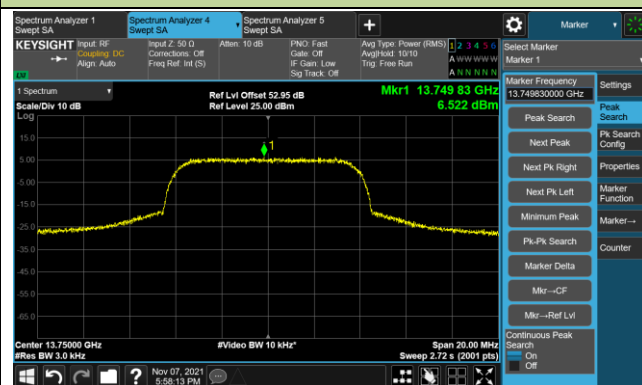


14500 MHz

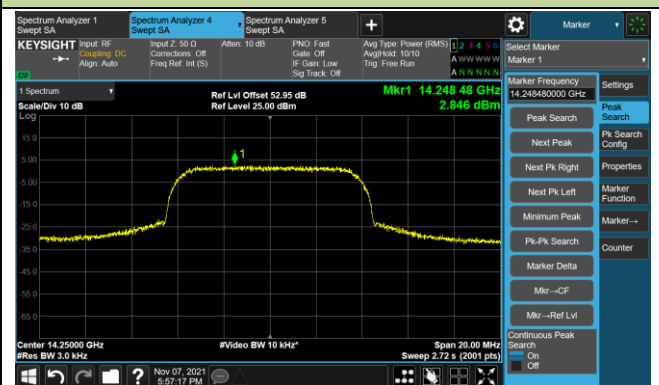


BPSK (7500kbps) - Average PSD - Ant 1

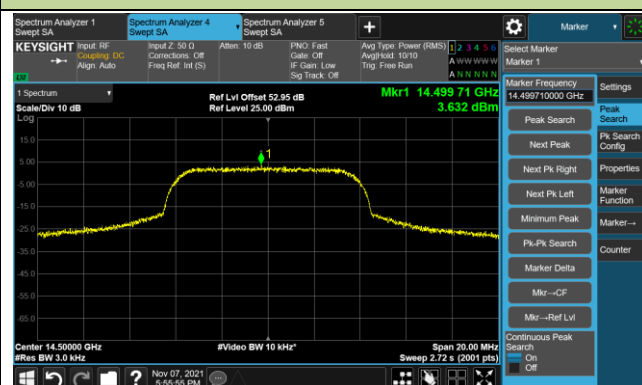
13750 MHz



14250 MHz

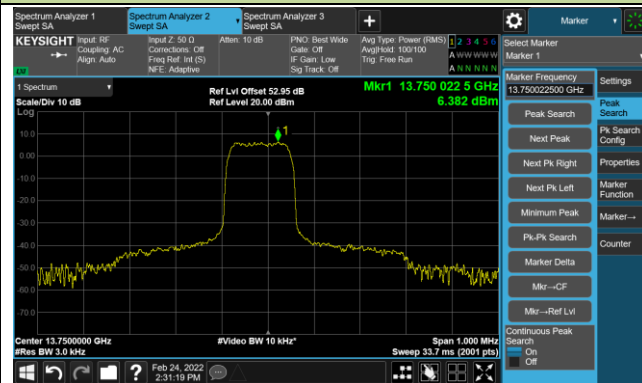


14500 MHz

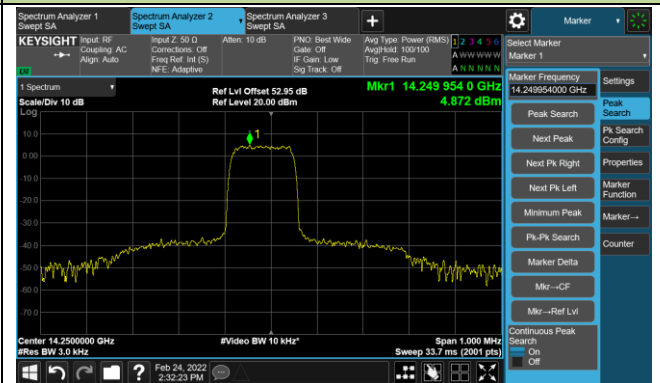


QPSK (128kbps) - Average PSD - Ant 1

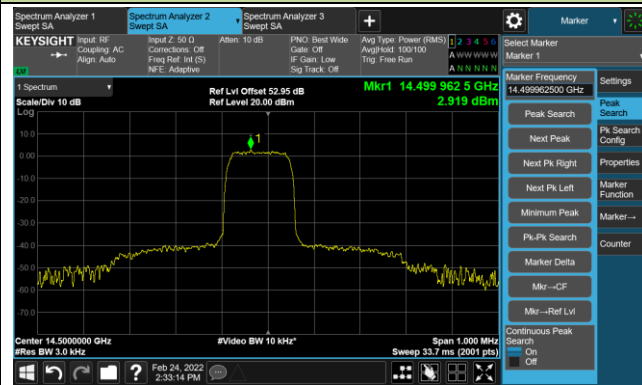
13750 MHz



14250 MHz

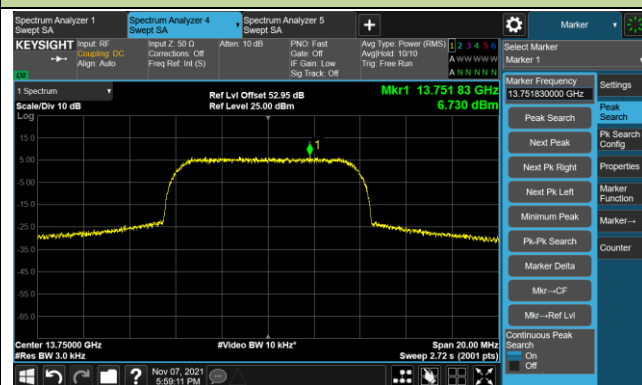


14500 MHz

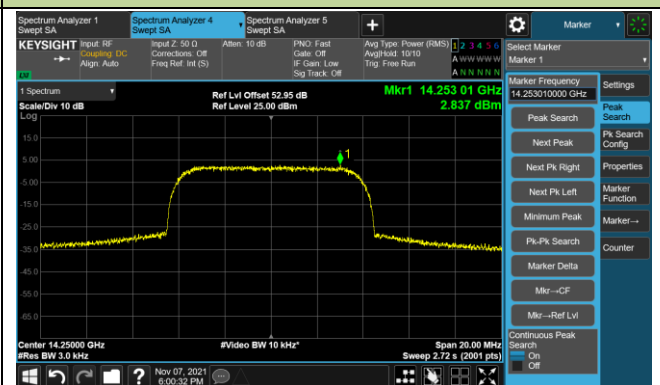


QPSK (7500kbps) - Average PSD - Ant 1

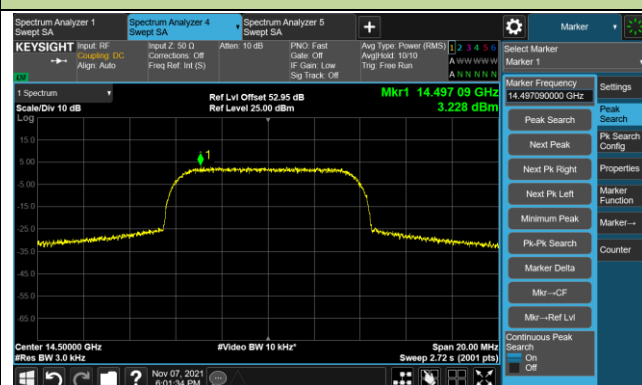
13750 MHz



14250 MHz

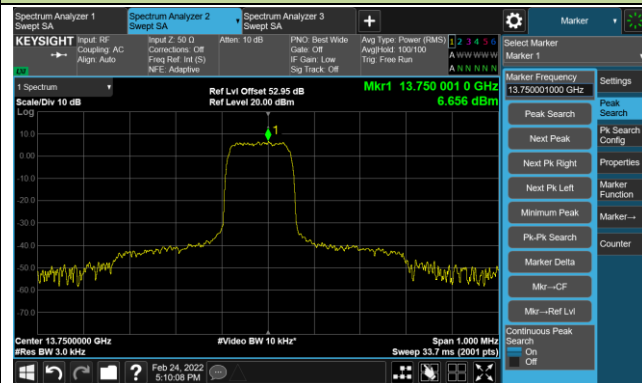


14500 MHz

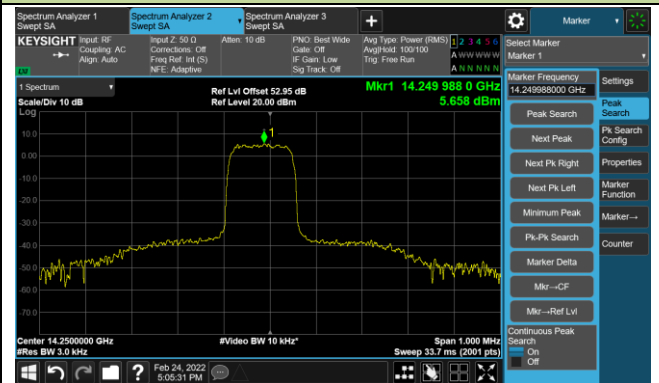


8PSK (128kbps) - Average PSD - Ant 0

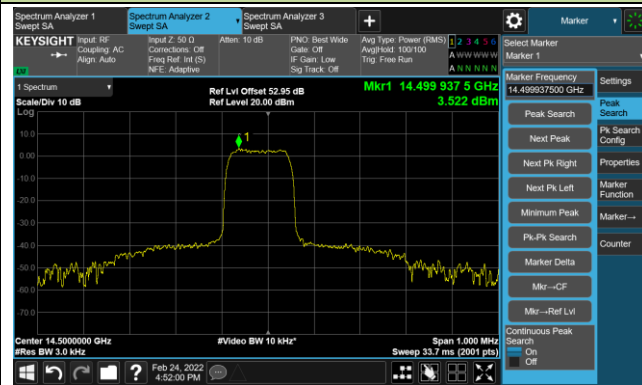
13750 MHz



14250 MHz

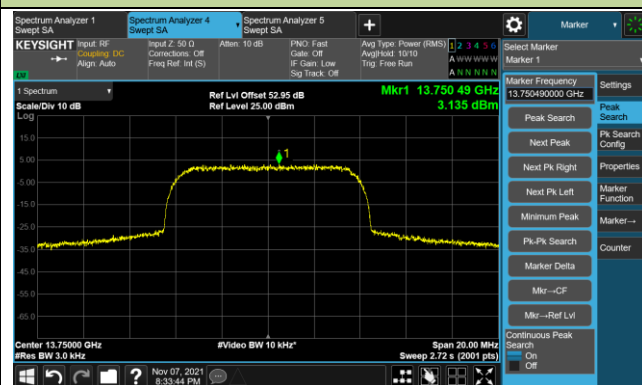


14500 MHz

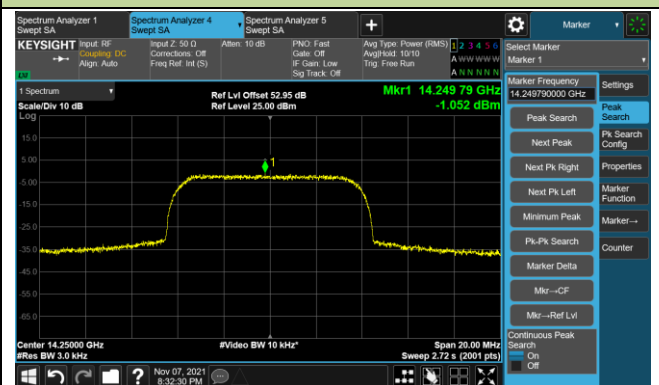


8PSK (750kbps) - Average PSD - Ant 0

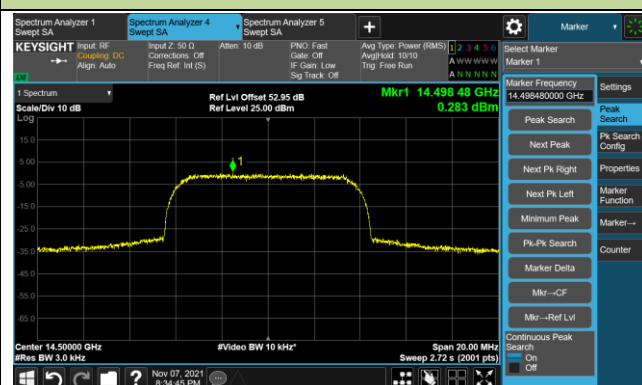
13750 MHz



14250 MHz

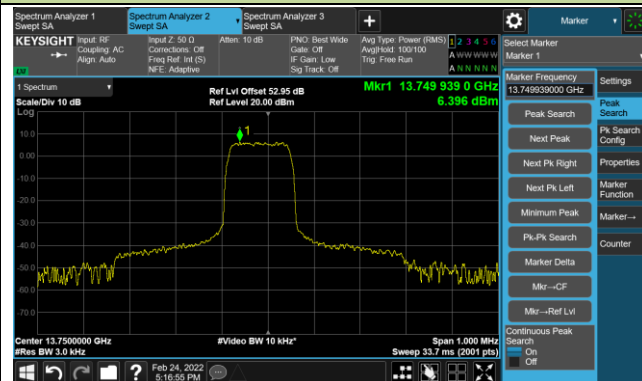


14500 MHz

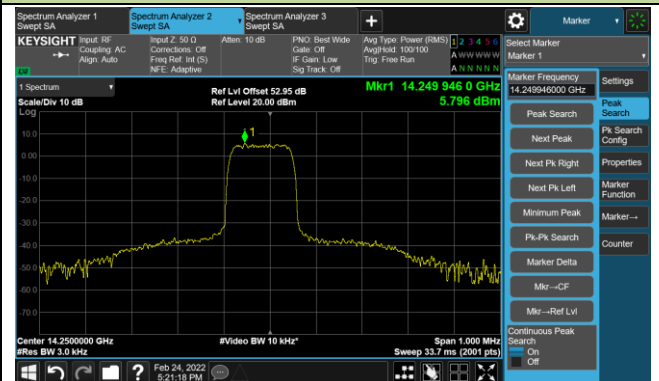


BPSK (128kbps) - Average PSD - Ant 0

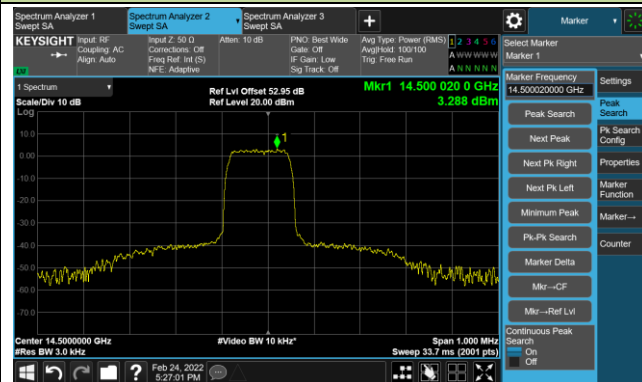
13750 MHz



14250 MHz

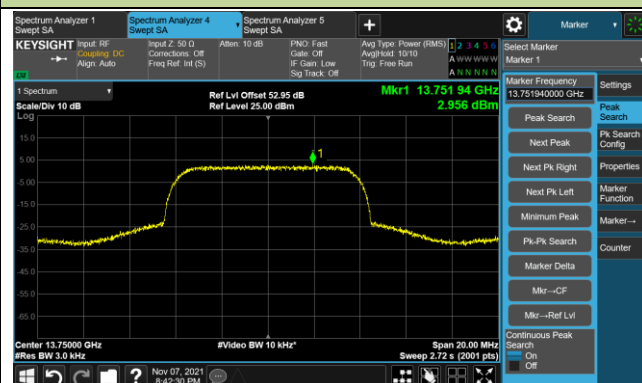


14500 MHz

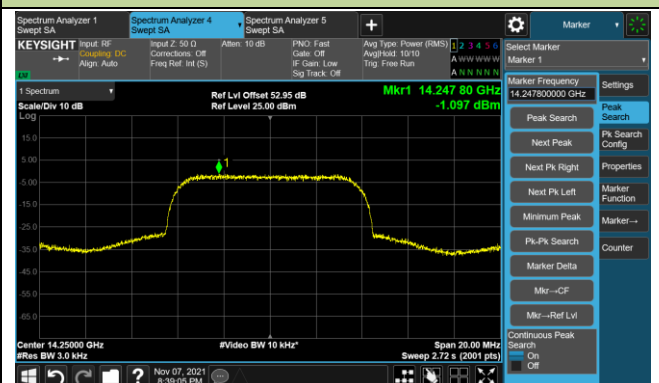


BPSK (7500kbps) - Average PSD - Ant 0

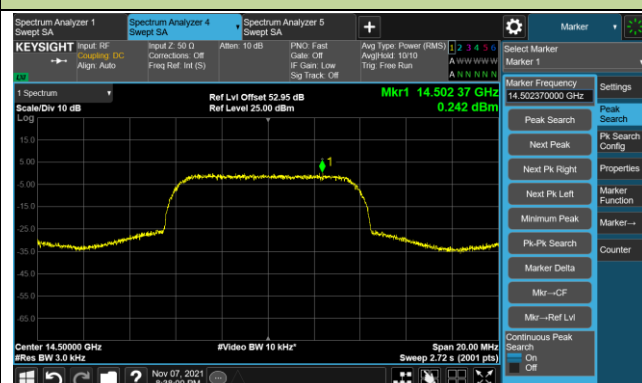
13750 MHz



14250 MHz

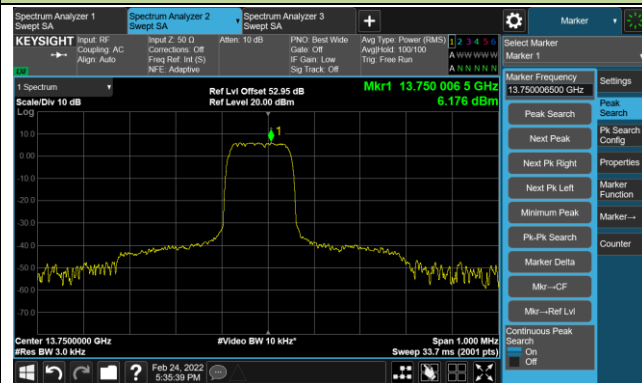


14500 MHz

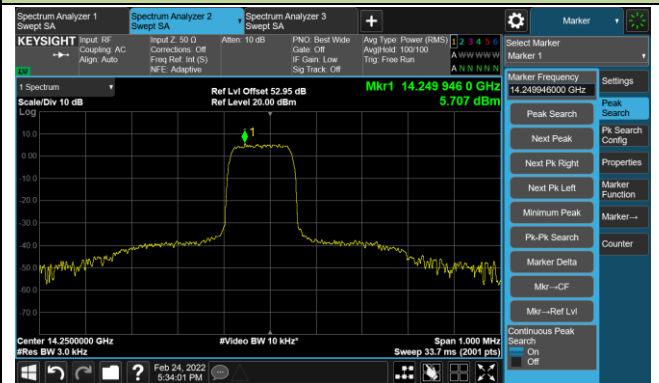


QPSK (128kbps) - Average PSD - Ant 0

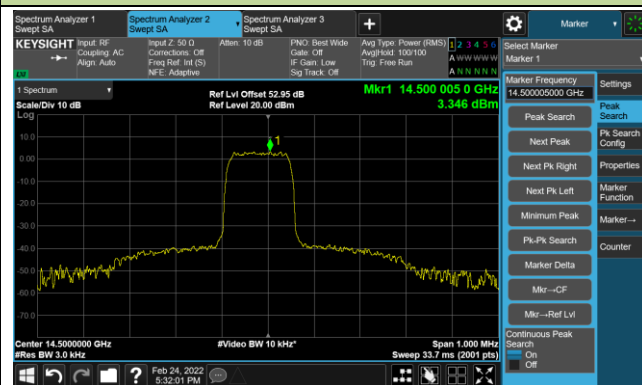
13750 MHz



14250 MHz

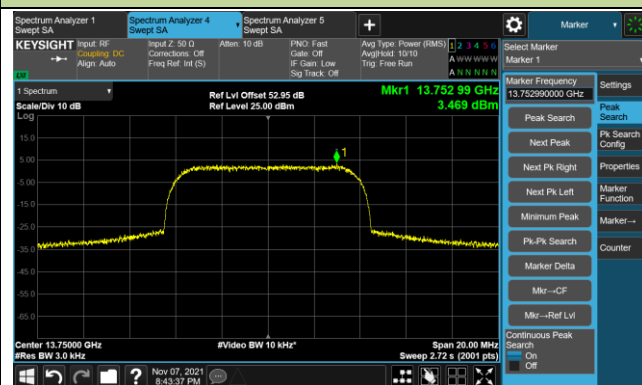


14500 MHz

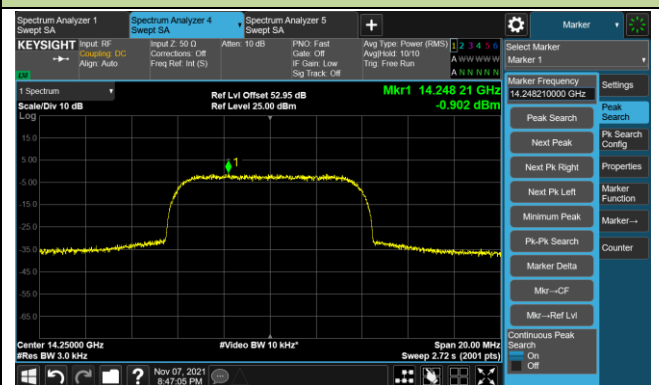


QPSK (7500kbps) - Average PSD - Ant 0

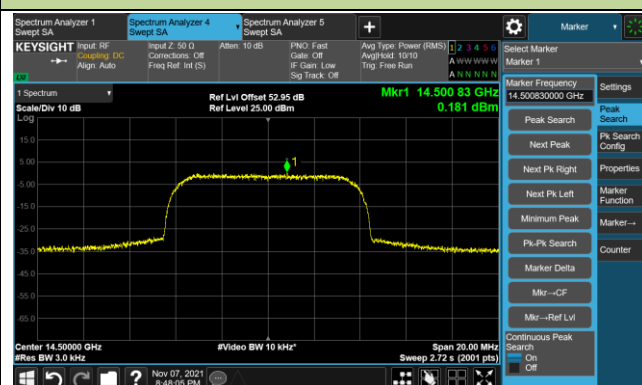
13750 MHz



14250 MHz

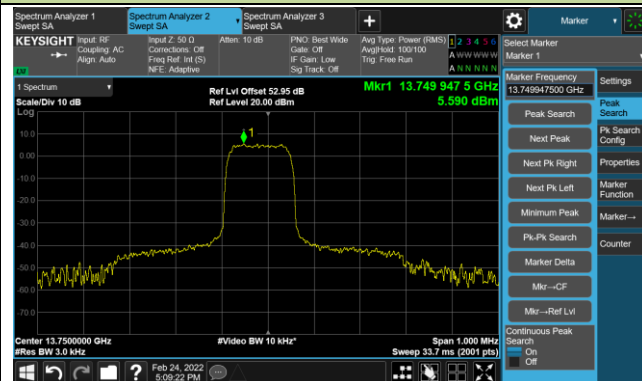


14500 MHz

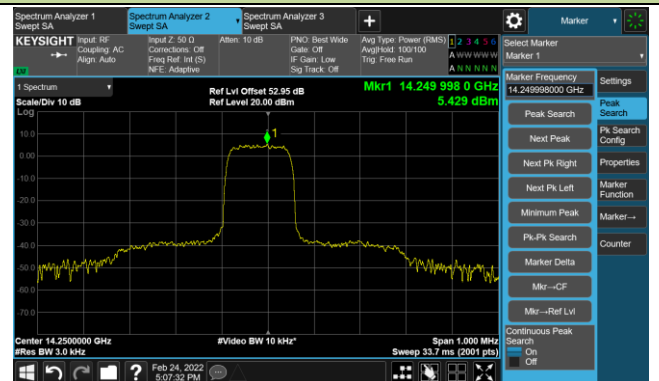


8PSK (128kbps) - Average PSD - Ant 1

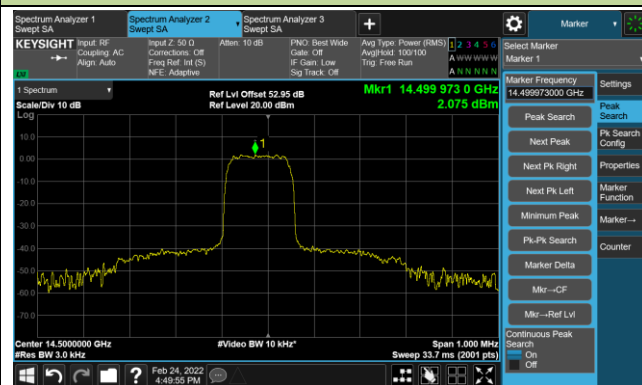
13750 MHz



14250 MHz

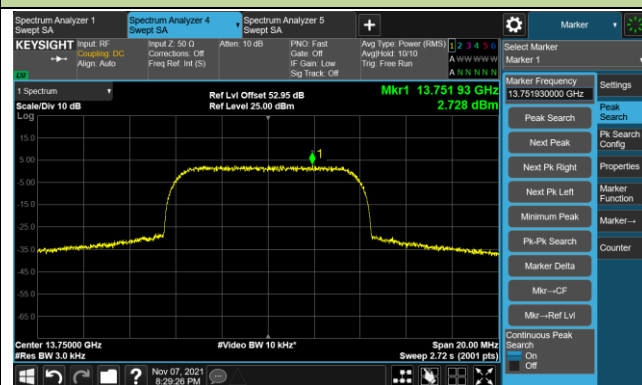


14500 MHz

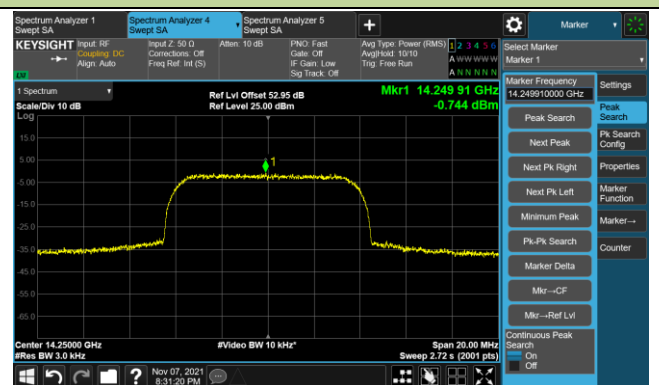


8PSK (750kbps) - Average PSD - Ant 1

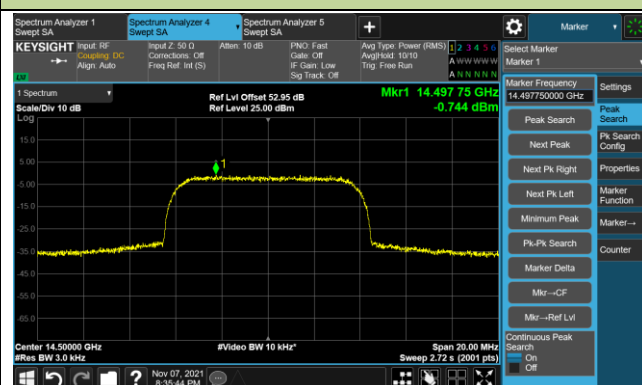
13750 MHz



14250 MHz

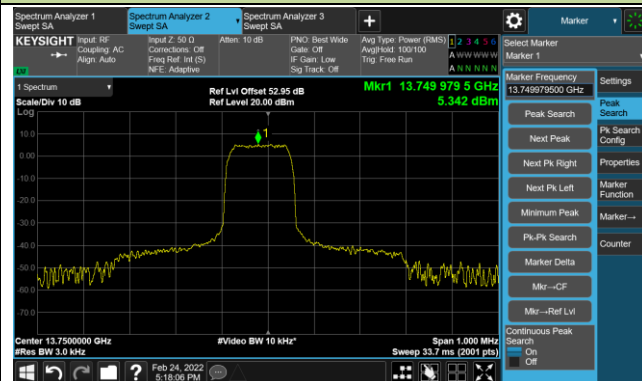


14500 MHz

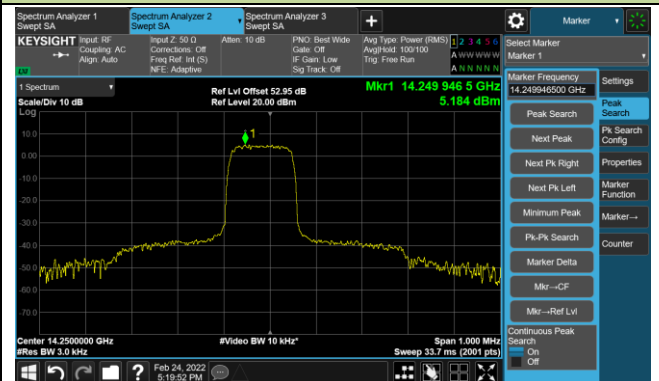


BPSK (128kbps) - Average PSD - Ant 1

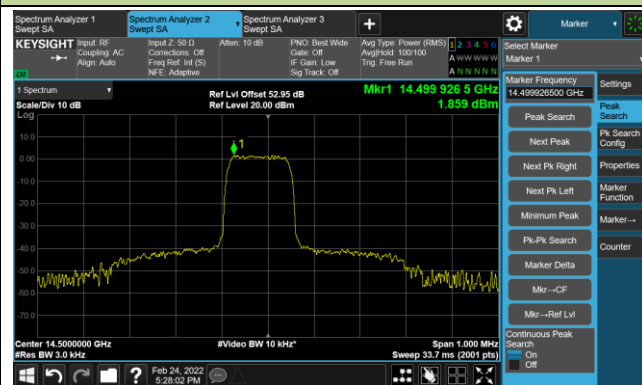
13750 MHz



14250 MHz

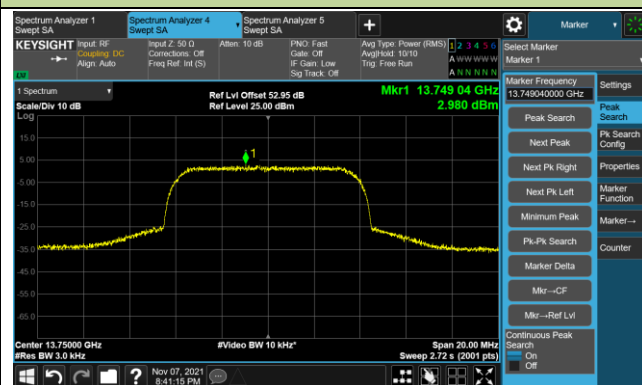


14500 MHz

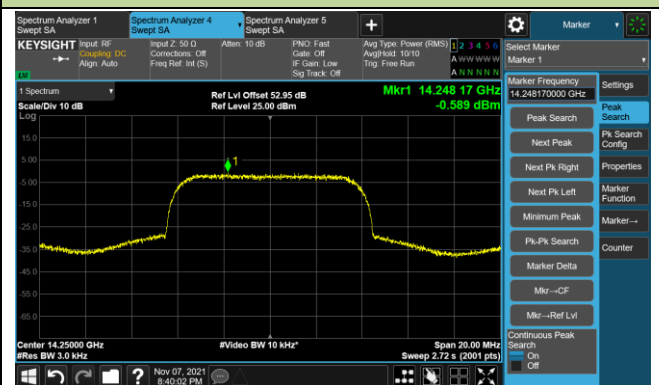


BPSK (7500kbps) - Average PSD - Ant 1

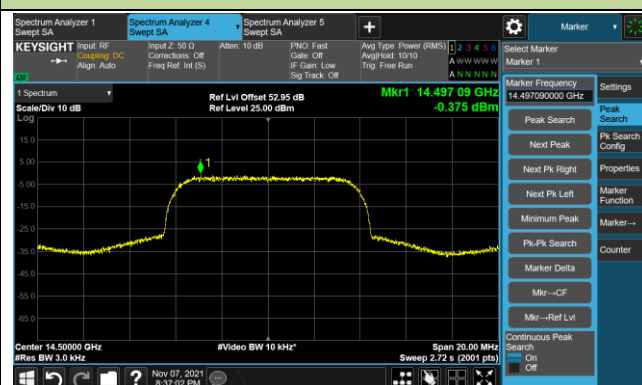
13750 MHz



14250 MHz

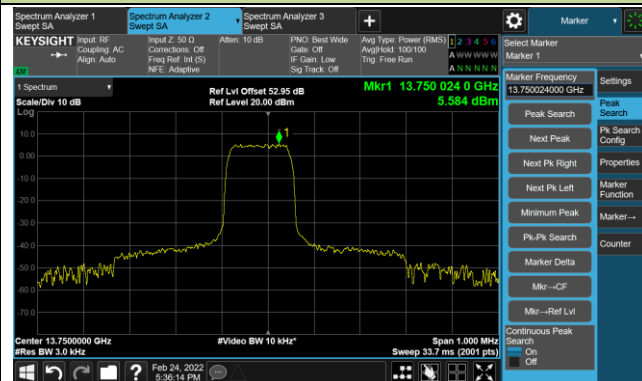


14500 MHz

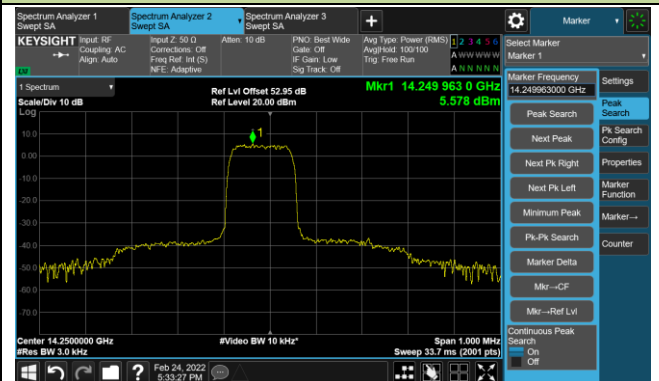


QPSK (128kbps) - Average PSD - Ant 1

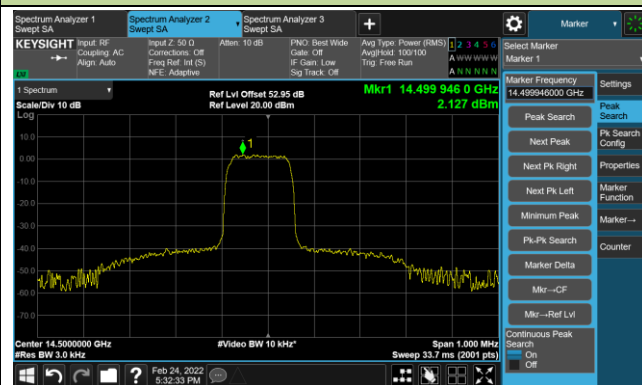
13750 MHz



14250 MHz

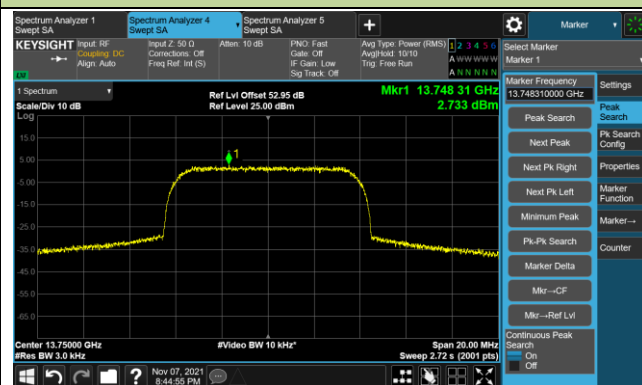


14500 MHz

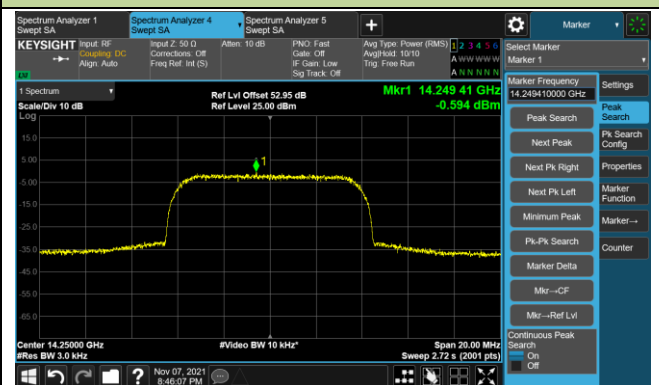


QPSK (7500kbps) - Average PSD - Ant 1

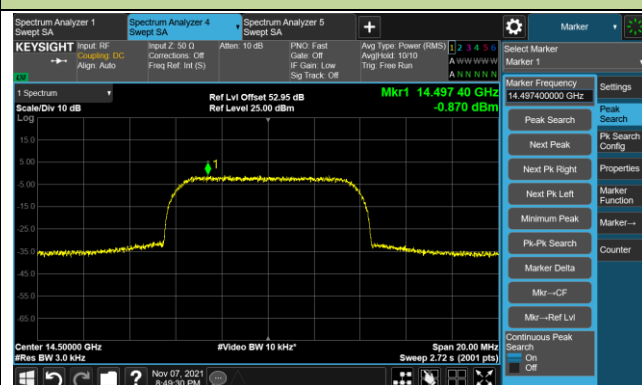
13750 MHz



14250 MHz



14500 MHz



A.4 Off-axis EIRP Density Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/11/07 ~ 2022/02/24	Test Item	Off-axis EIRP Density

Test Mode	Test Freq. (MHz)	Max AVPSD (dBm/4kHz)	Angle (°)	Each Angle Antenna Gain (dBi)	EIRP PSD (dBm/4kHz)	Limit (dBm/4kHz)	Result
Conventional Ku-band							
QPSK	14250	8.653	-1.5	28.771	37.424	40.598	Pass
8PSK	14500	5.869	-1.5	29.022	34.891	40.598	Pass
Extended Ku-band							
8PSK	13750	9.166	-1.5	31.277	40.443	40.598	Pass

Note 1: EIRP PSD (dBm/4kHz) = Max AVPSD (dBm/4kHz) + Antenna Gain (dBi).

Note 2: $10 \cdot \log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$ was added to the spectrum analyzer reference offset to correct the result.

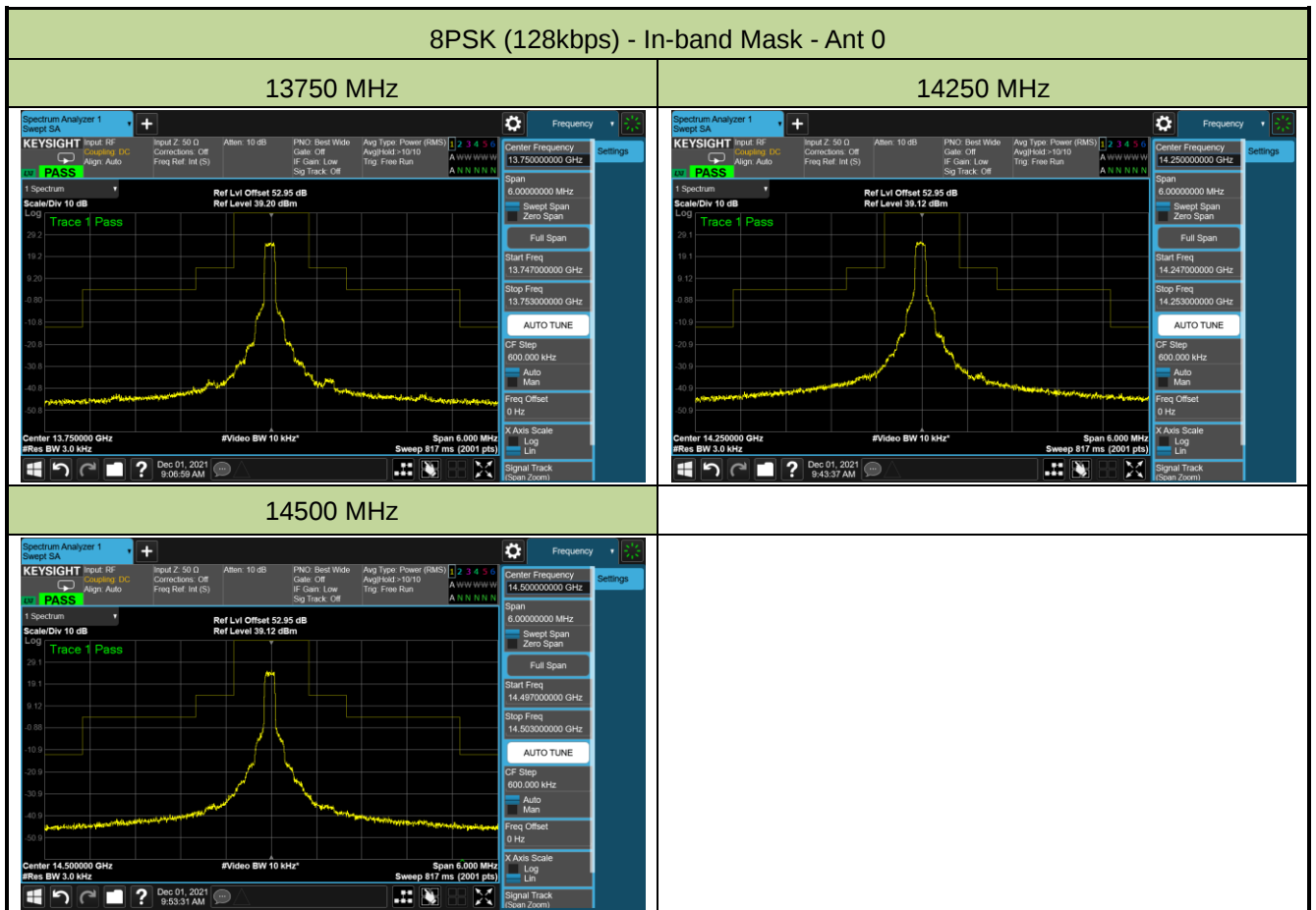
Note 3: Only exhibited worst case data in this report.

A.5 Unwanted Emission at Antenna Terminal Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2021/12/01 ~ 2021/12/03	Test Item	In-band Mask

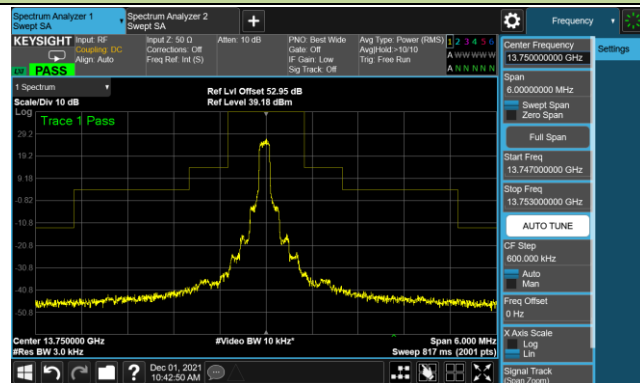
For Low Data Rate (128kbps):

Authorization Bandwidth = 1MHz

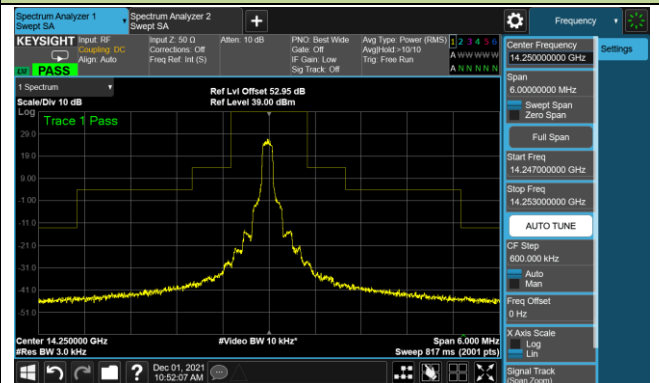


BPSK (128kbps) - In-band Mask - Ant 0

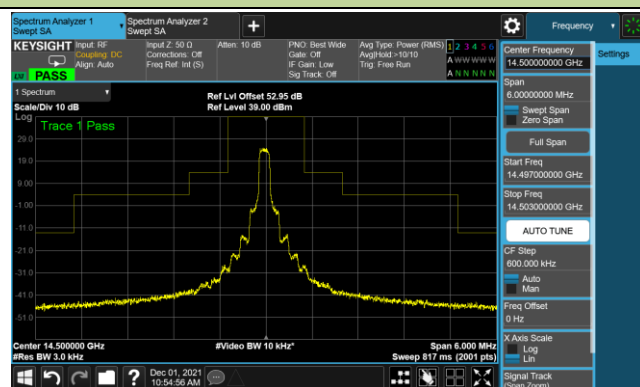
13750 MHz



14250 MHz

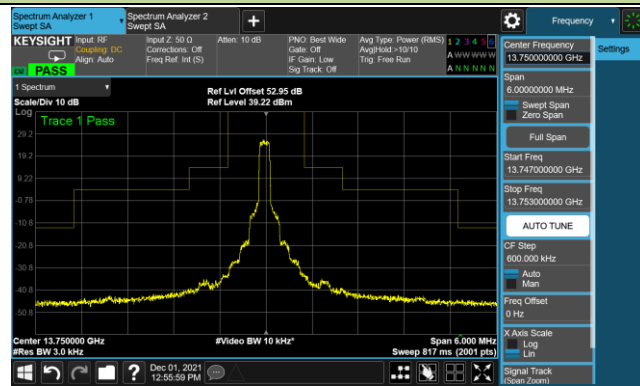


14500 MHz

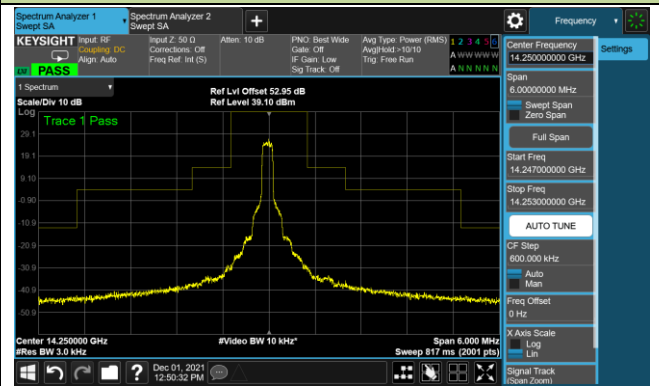


QPSK (128kbps) - In-band Mask - Ant 0

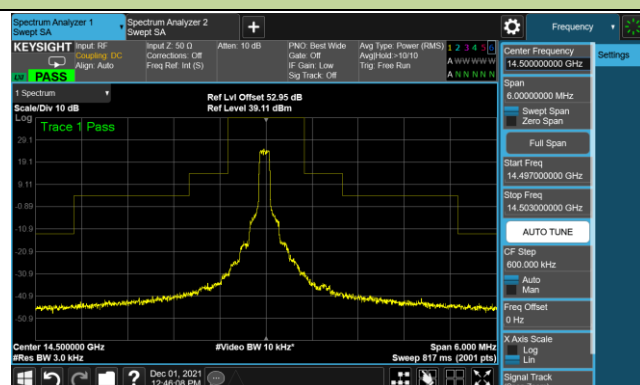
13750 MHz



14250 MHz

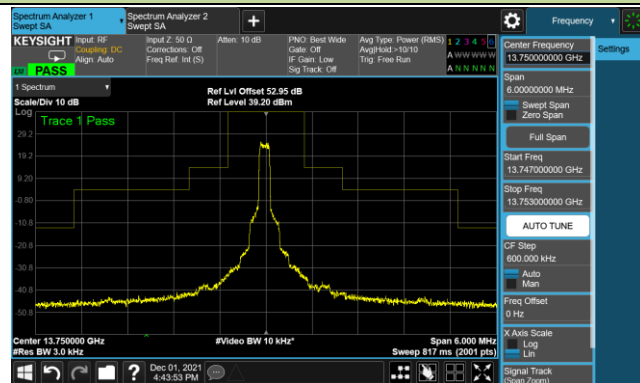


14500 MHz

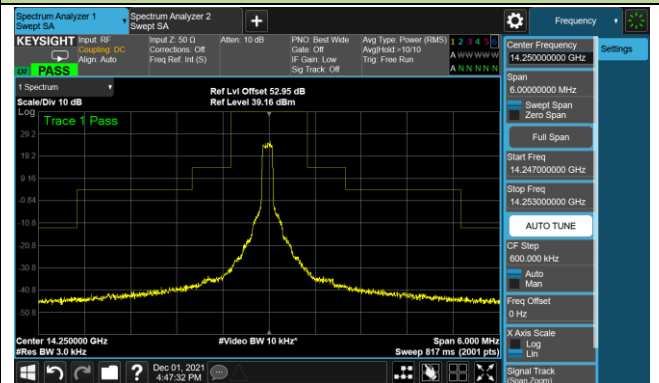


8PSK (128kbps) - In-band Mask - Ant 1

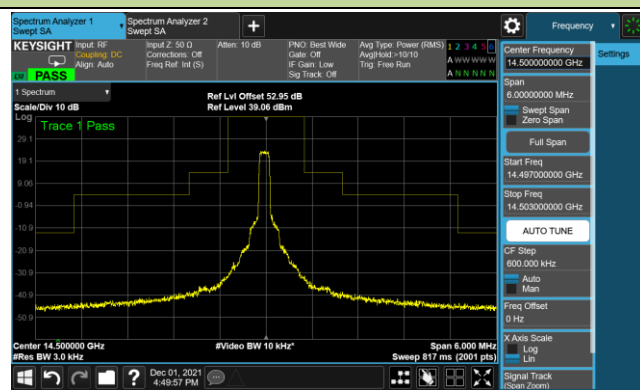
13750 MHz



14250 MHz

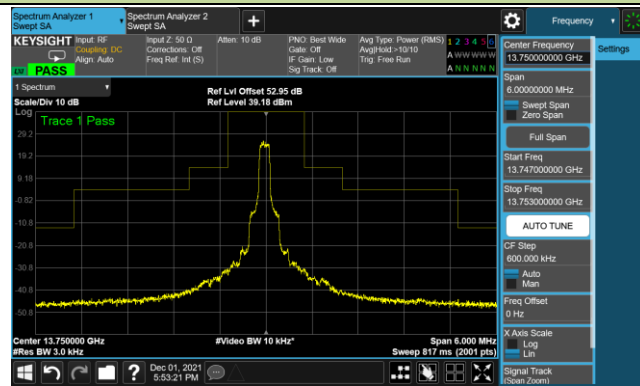


14500 MHz

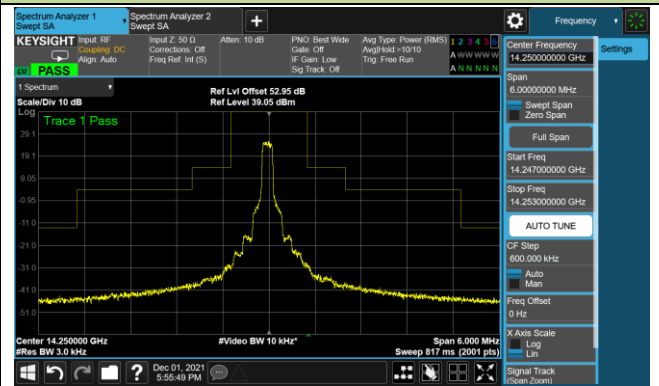


BPSK (128kbps) - In-band Mask - Ant 1

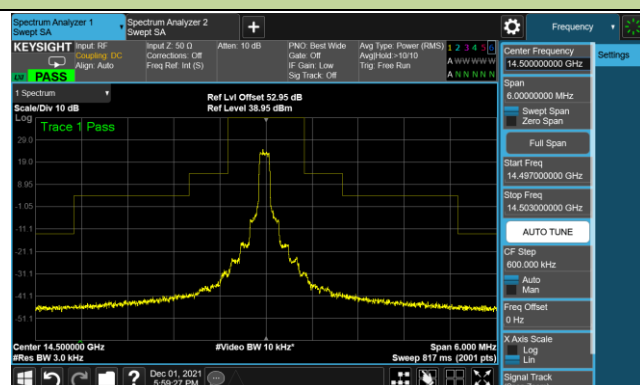
13750 MHz



14250 MHz

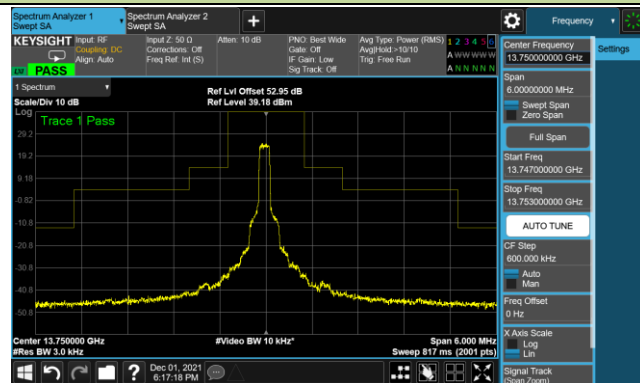


14500 MHz

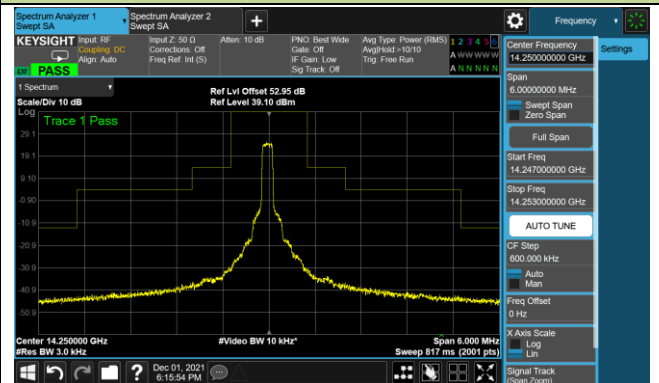


QPSK (128kbps) - In-band Mask - Ant 1

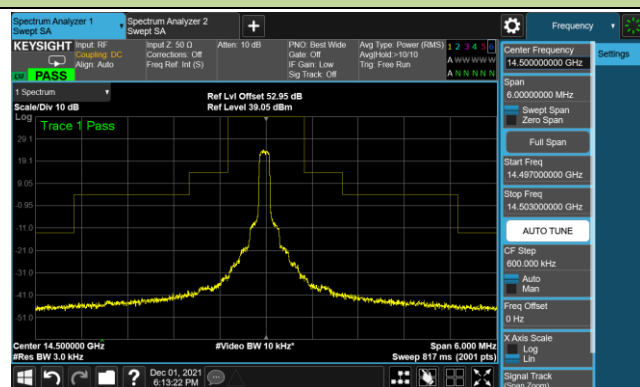
13750 MHz



14250 MHz

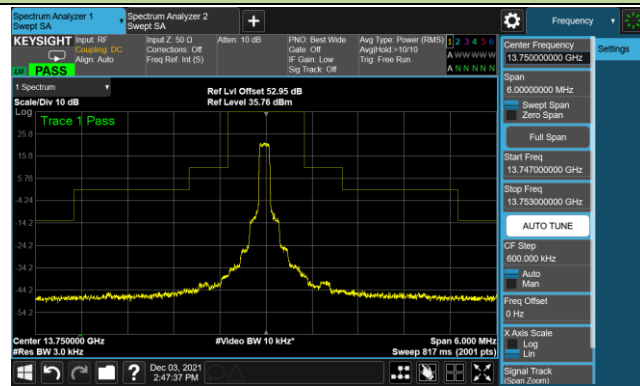


14500 MHz

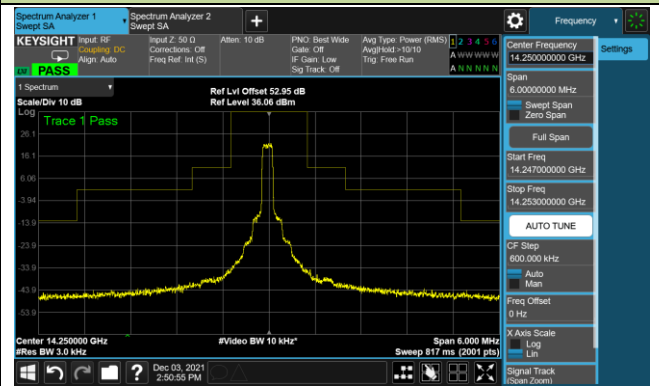


8PSK (128kbps) - In-band Mask - Ant 0

13750 MHz



14250 MHz



14500 MHz

