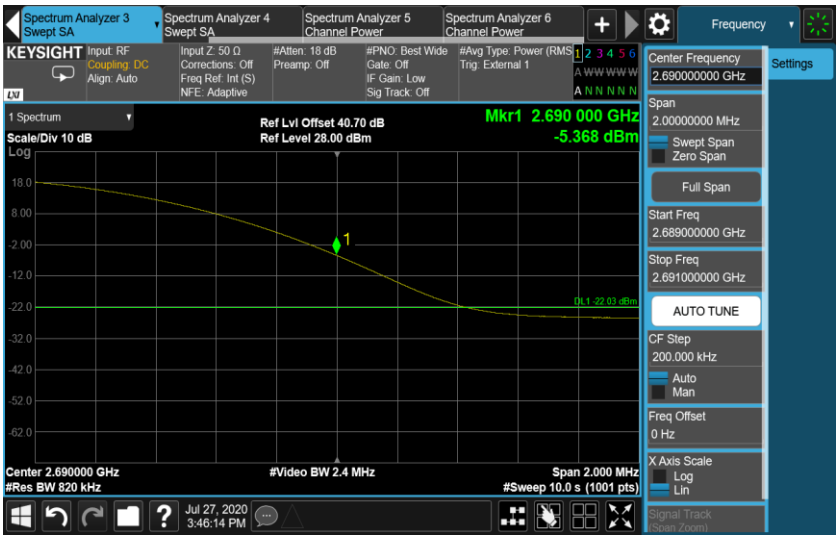
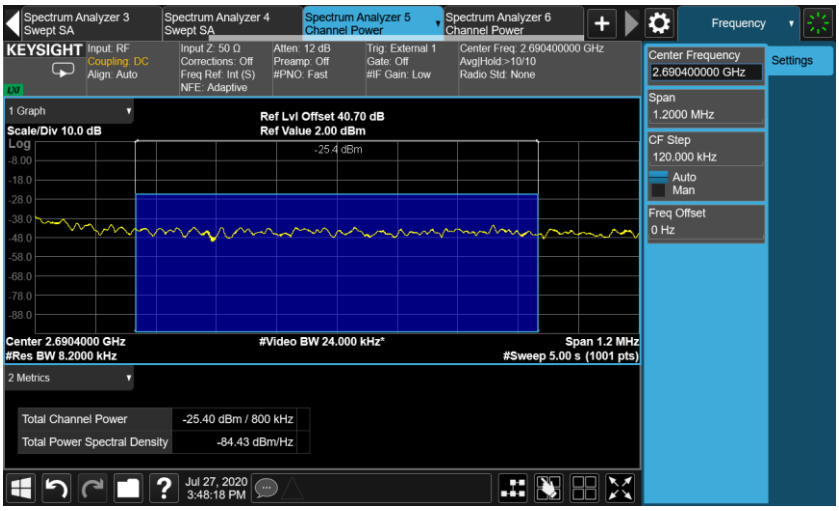
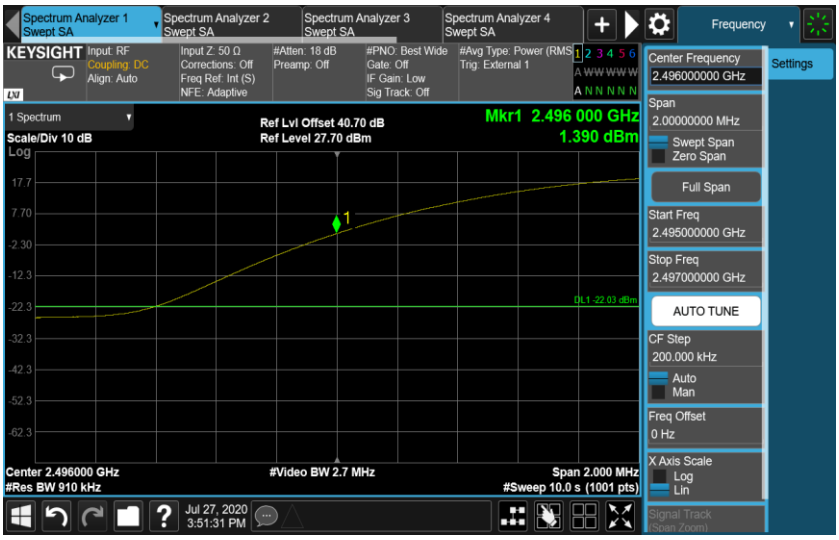
Port H, Channel Position T, 80.0MHz

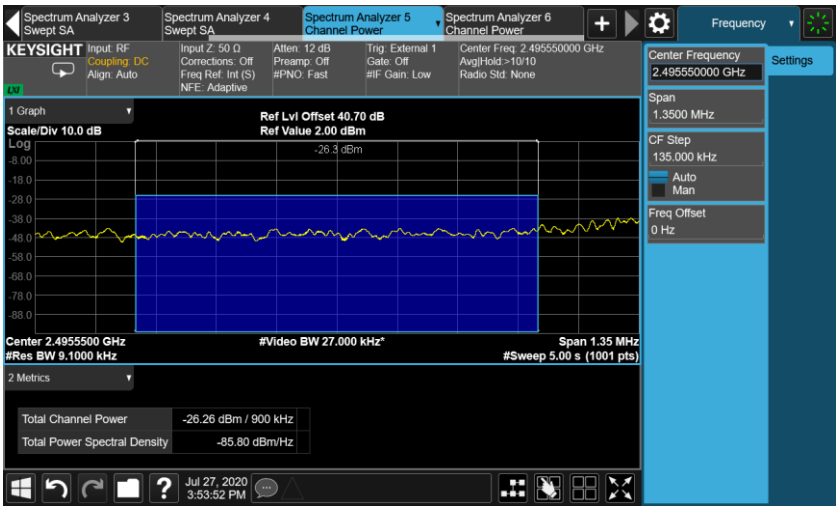




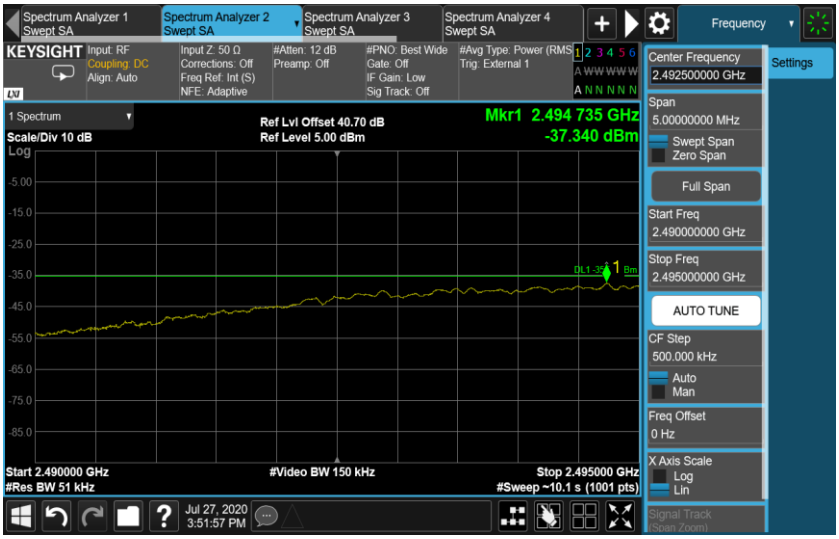
The channel power of 800KHz for 2690.4MHz is -25.40dBm, which is within the limit of -22.03dBm.

Port H, Channel Position B, 90.0MHz

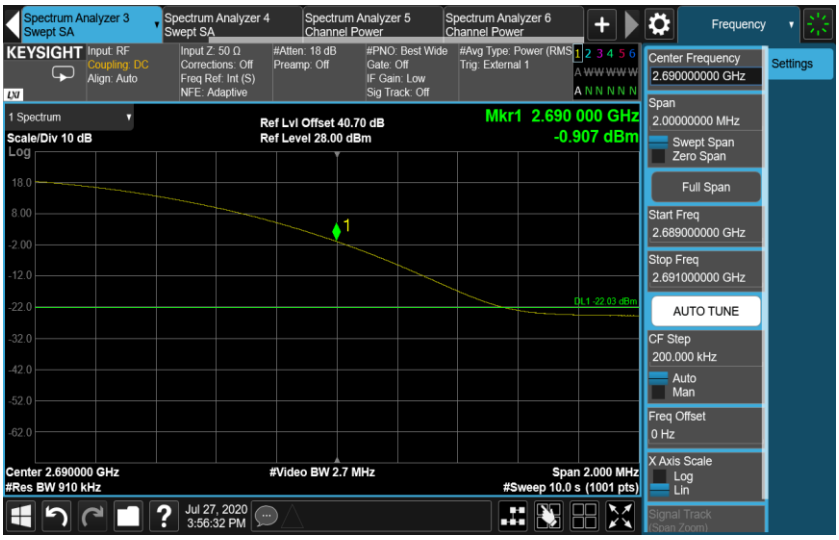


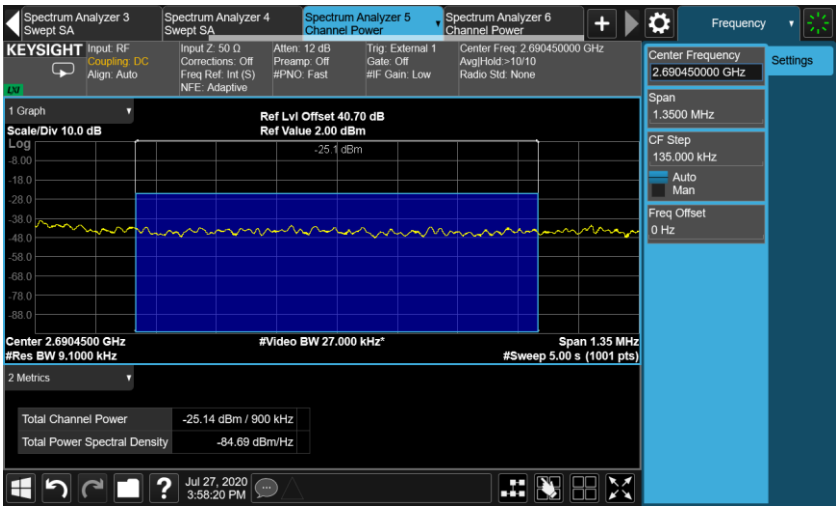


The channel power of 900KHz for 2495.55MHz is -26.26dBm, which is within the limit of -22.03dBm.



Port H, Channel Position T, 90.0MHz



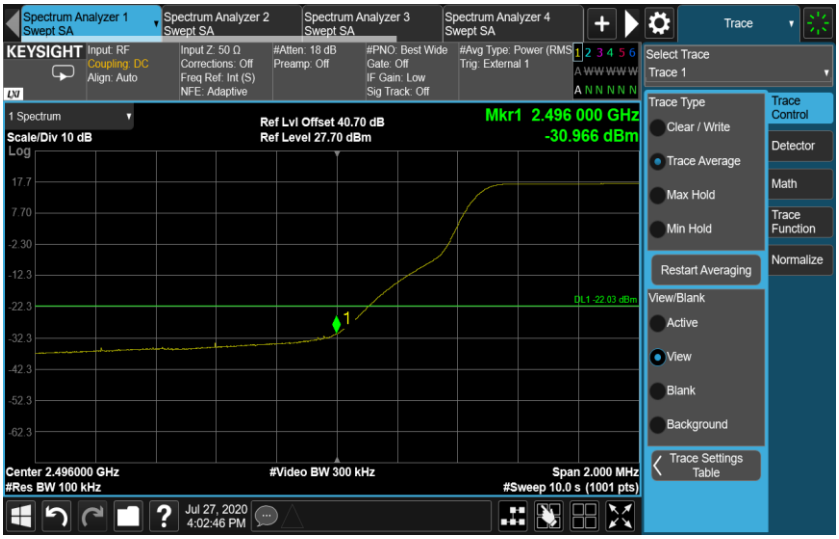


The channel power of 900KHz for 2690.45MHz is -25.14dBm, which is within the limit of -22.03dBm.

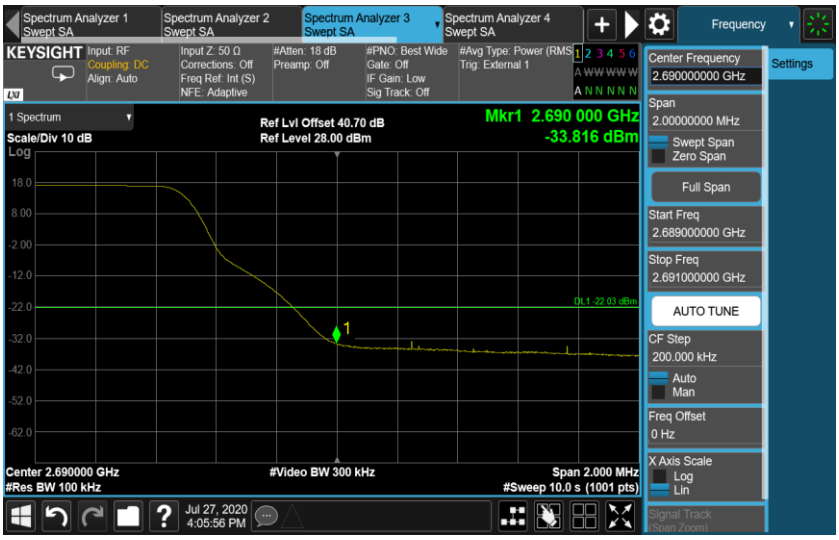
Configuration LTE+NR-MIMO-MC-BE-1 (1LTE QPSK+1NR QPSK)

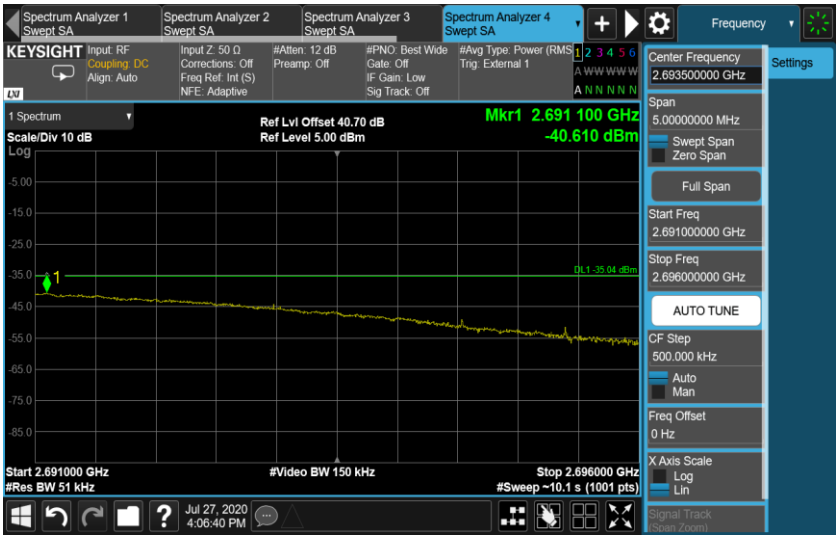
Band Edge Frequency	Channel Bandwidth	RBW (KHz)	Limit (dBm)
Channel Position B	(L) 10.0MHz, (NR) 10.0 MHz	100	-22.03
	(L) 20.0MHz, (NR) 20.0 MHz	200	-22.03
Channel Position T	(L) 10.0MHz, (NR) 10.0 MHz	100	-22.03
	(L) 20.0MHz, (NR) 20.0 MHz	200	-22.03

Port H, Channel Position B

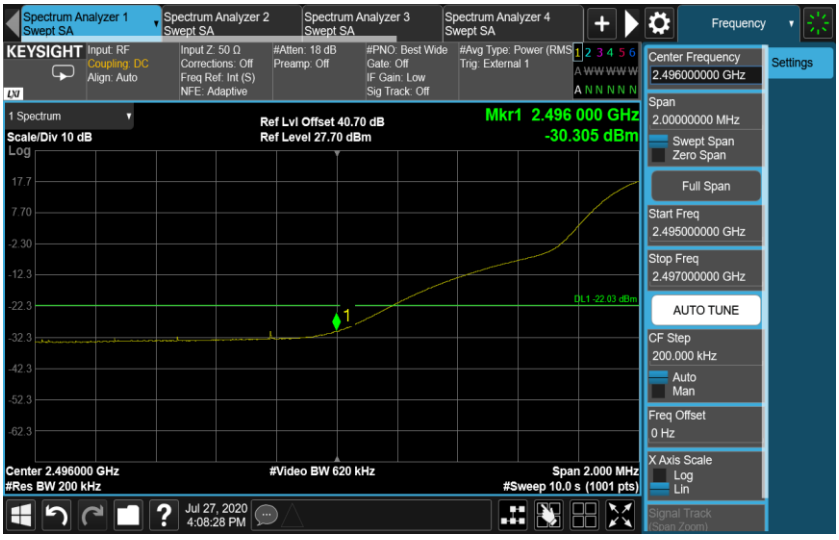


Port H, Channel Position T

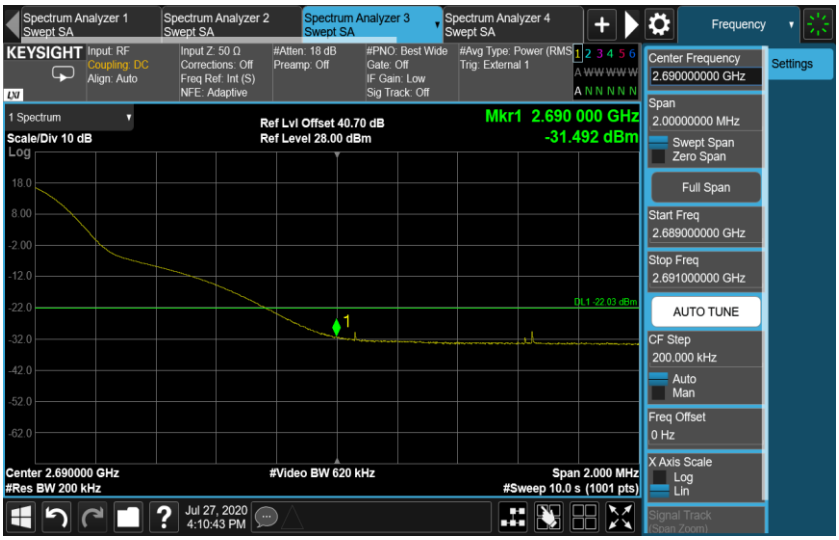




Port H, Channel Position B



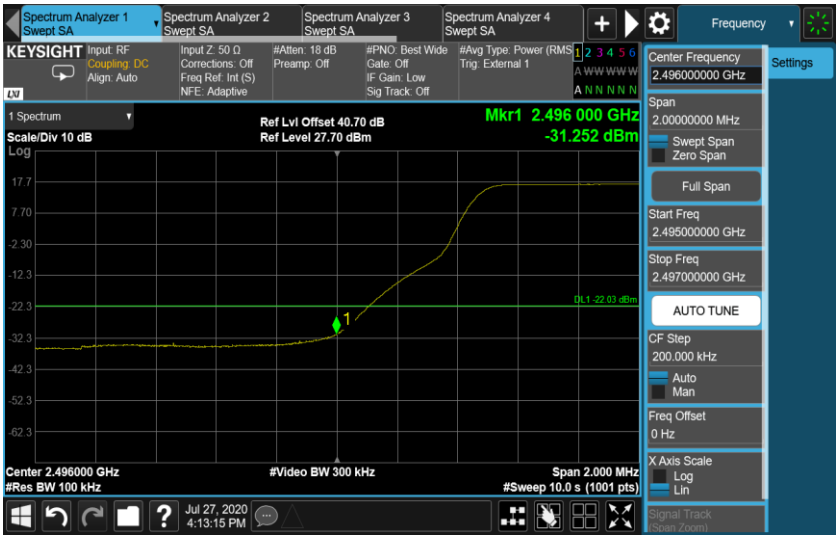
Port H, Channel Position T



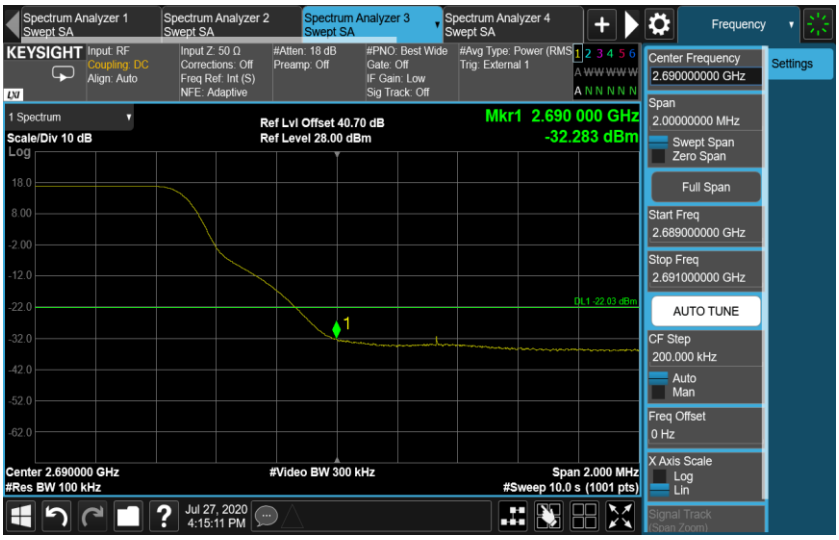
Configuration LTE+NR-MIMO-MC-BE-2 (2LTE QPSK+1NR QPSK)

Band Edge Frequency	Channel Bandwidth	RBW (KHz)	Limit (dBm)
Channel Position B	(L) 10.0MHz, (NR) 10.0 MHz	100	-22.03
	(L) 10.0MHz, (NR) 20.0 MHz	100	-22.03
Channel Position T	(L) 10.0MHz, (NR) 10.0 MHz	100	-22.03
	(L) 10.0MHz, (NR) 20.0 MHz	100	-22.03

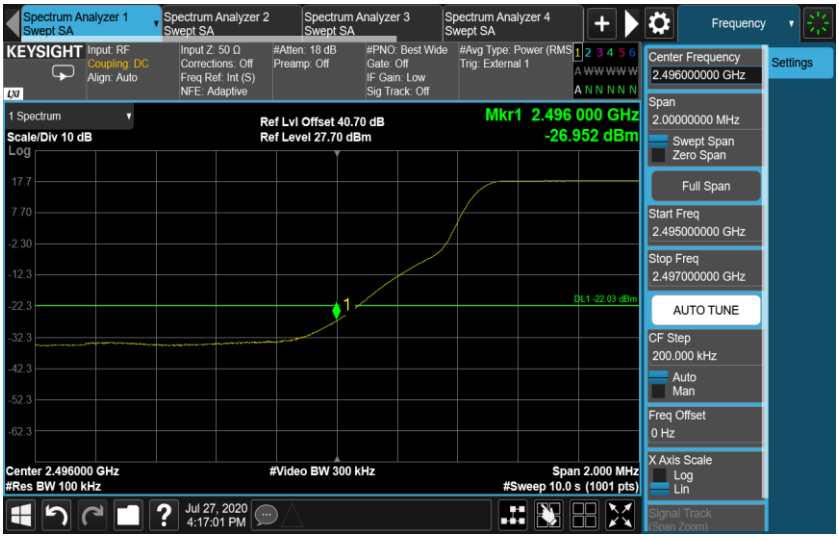
Port H, Channel Position B



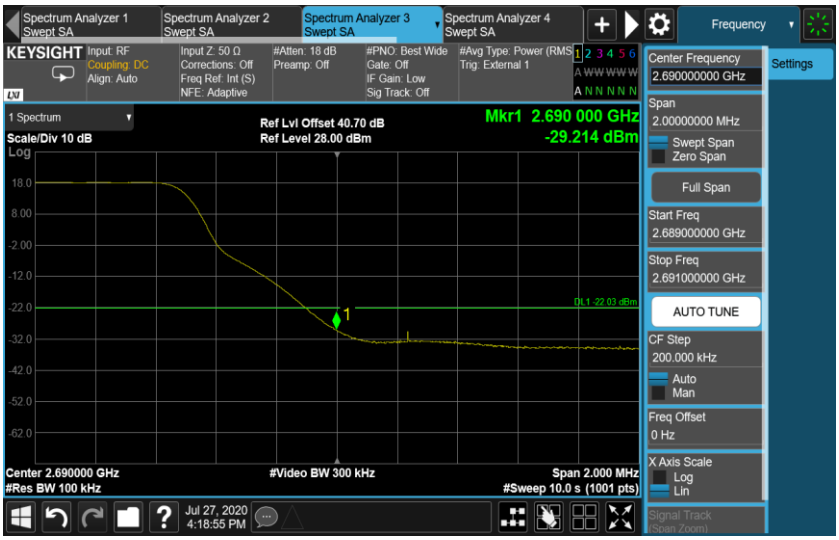
Port H, Channel Position T



Port H, Channel Position B



Port H, Channel Position T



A.4 Conducted Spurious Emission

A.4.1 Reference

FCC CFR 47 Part 2, Clause 2.1051
FCC CFR 47 Part 27, Clause 27.53(m)

A.4.2 Method of measurement

In accordance with FCC rules, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 3KHz to 27GHz. The resolution bandwidth of 1MHz was employed for frequency band 3KHz to 27GHz. The spectrum analyzer detector was set to RMS.
For MIMO mode configurations, the limit was adjusted with a correction of -9.03dB [10Log(1/8)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjust to -22.03dBm.

A.4.3 Measurement limit

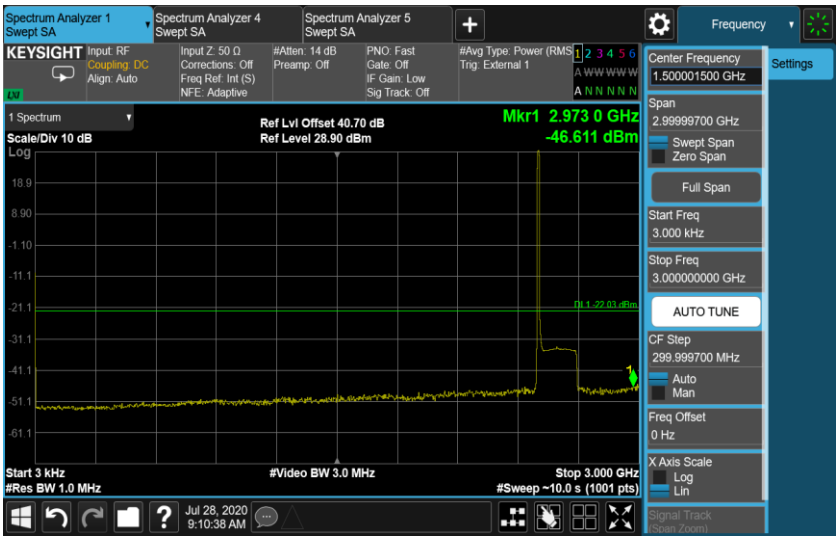
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

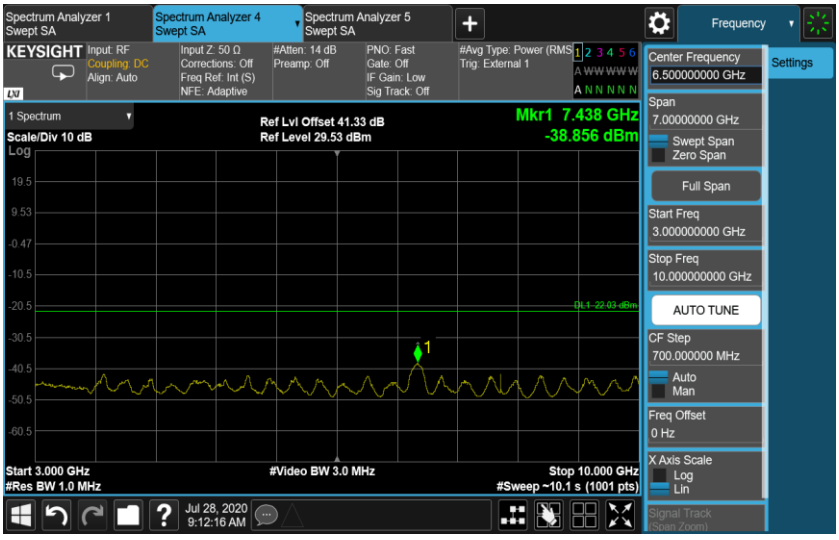
A.4.4 Measurement results

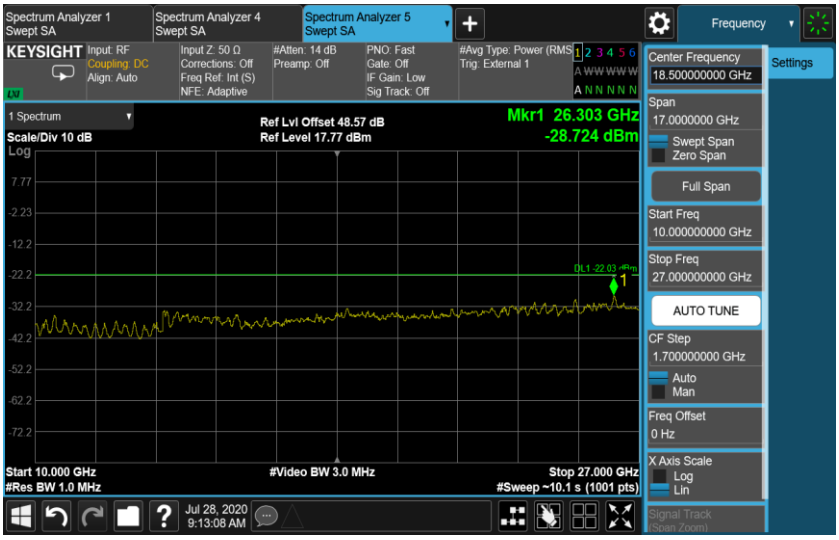
Configuration LTE-MIMO-1C QPSK

Channel Bandwidth	RBW (MHz)	Limit (dBm)
10.0 MHz	1.0	-22.03
20.0 MHz	1.0	-22.03

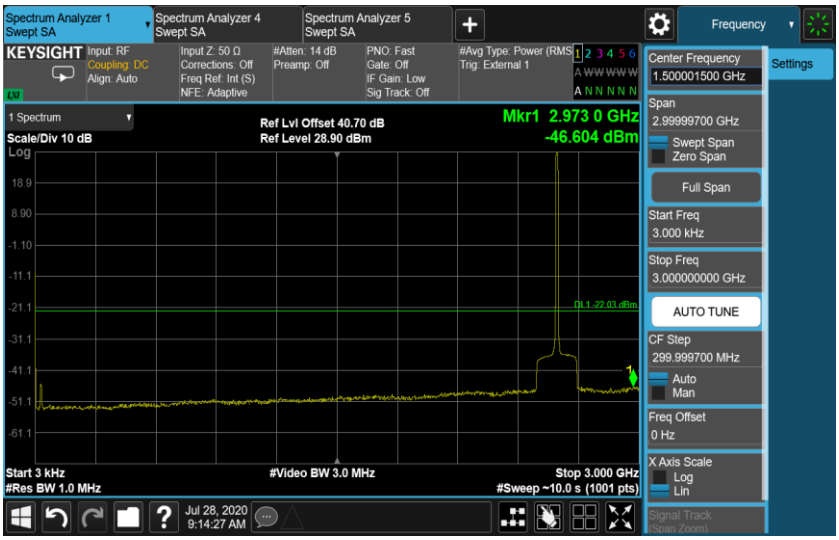
Port H, Channel Position B 10.0 MHz

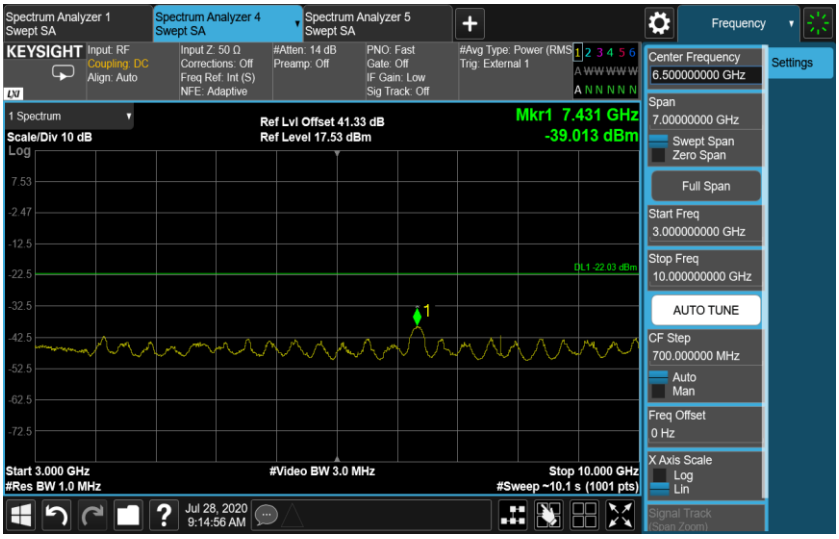


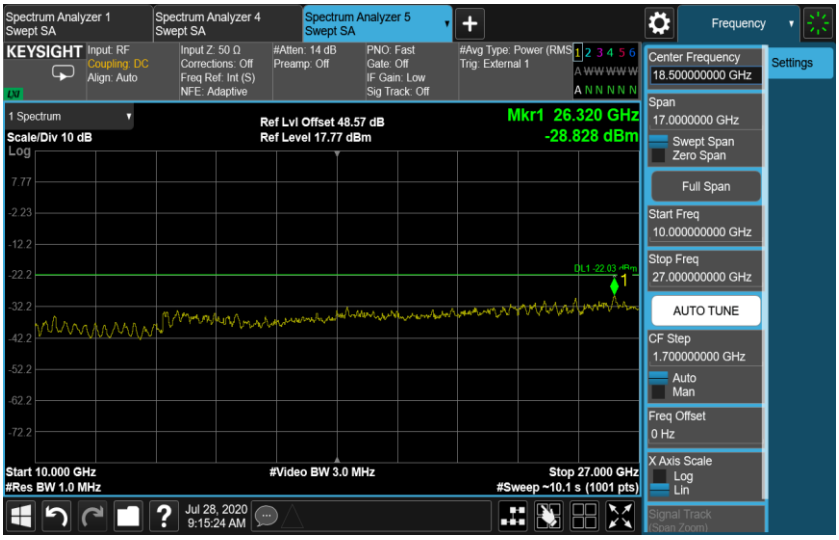




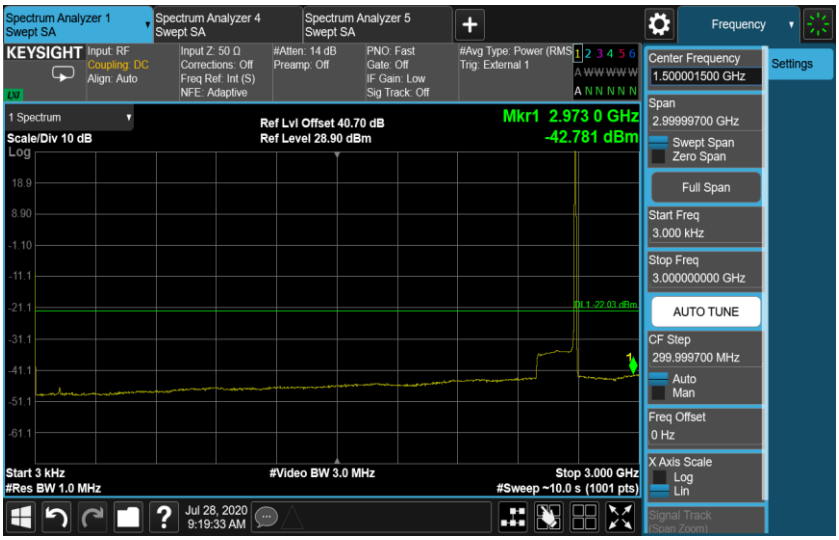
Port H, Channel Position M 10.0 MHz

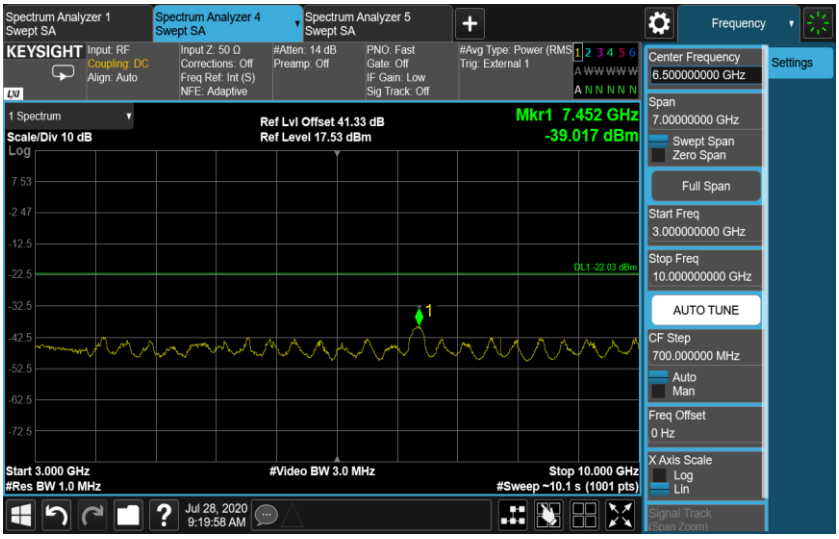


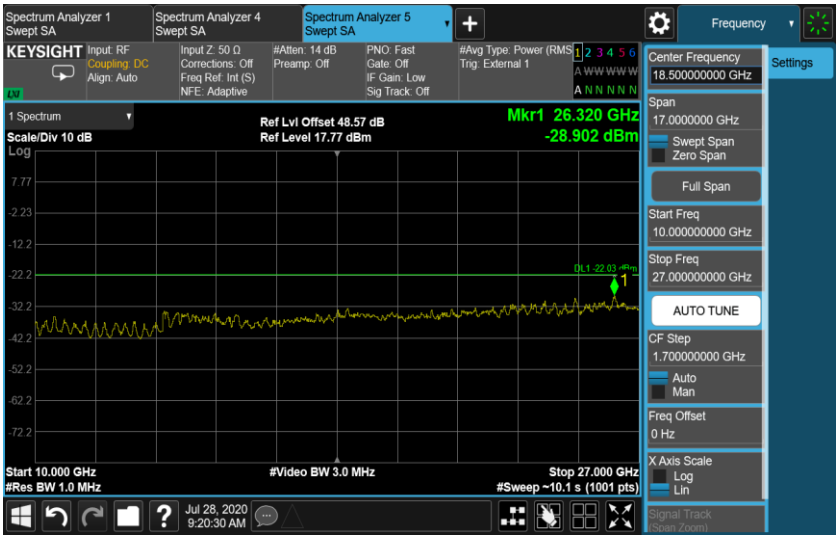




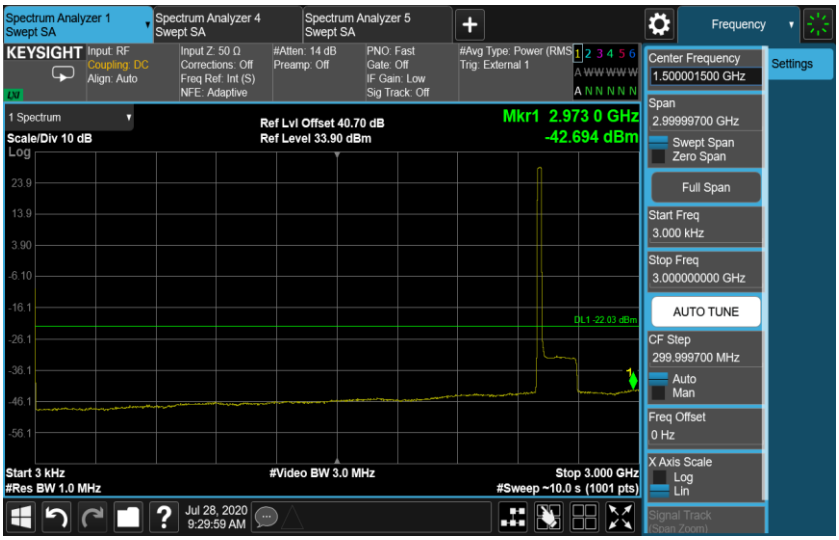
Port H, Channel Position T 10.0 MHz

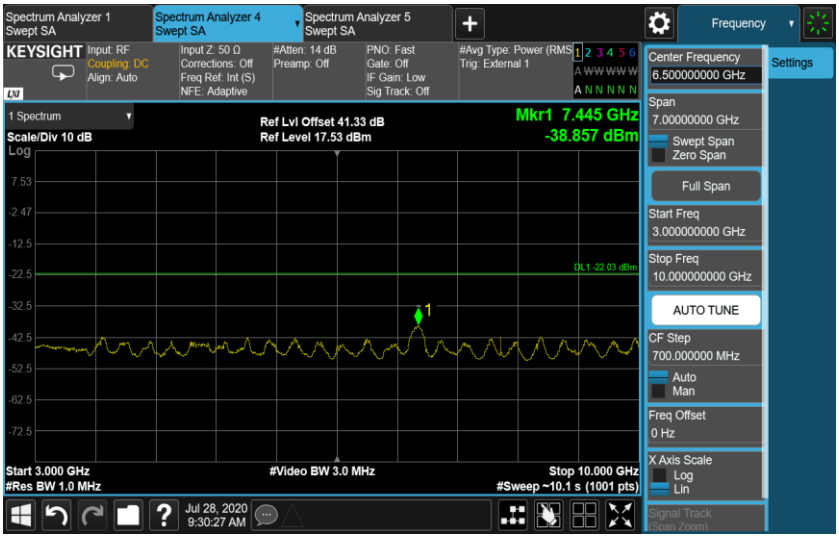


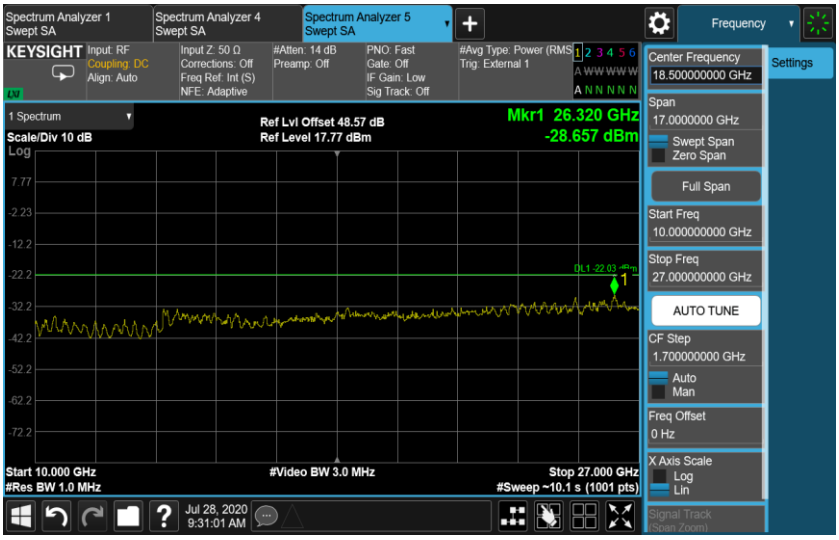




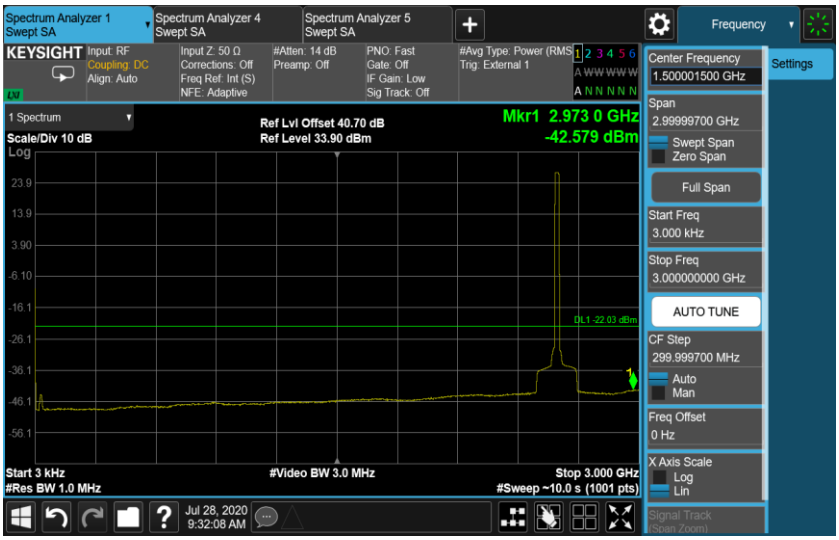
Port H, Channel Position B 20.0 MHz

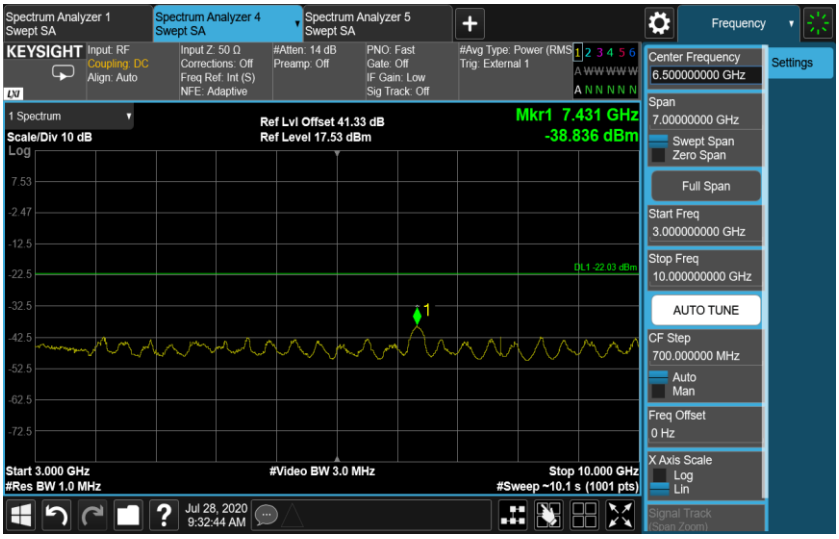


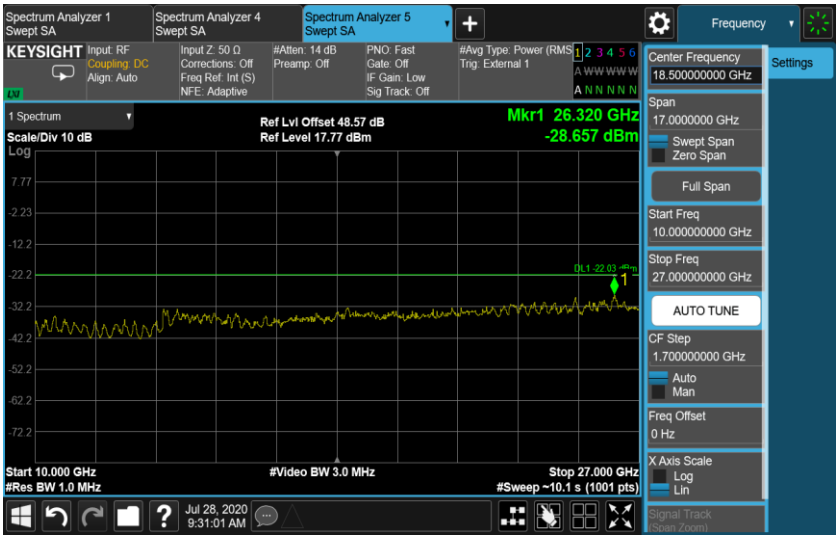




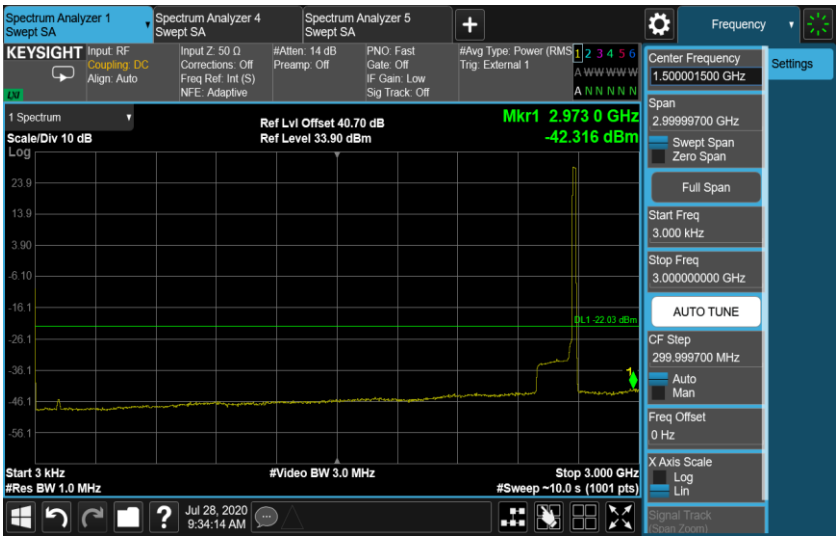
Port H, Channel Position M 20.0 MHz

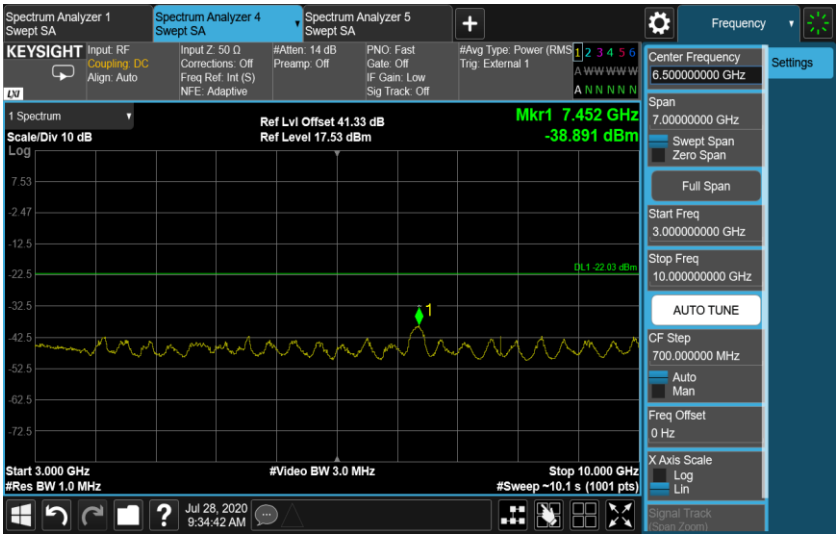


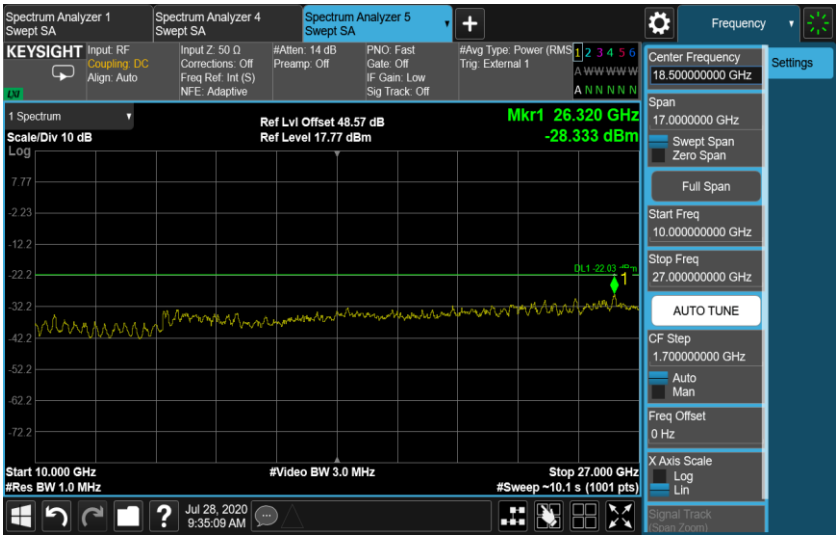




Port H, Channel Position T 20.0 MHz



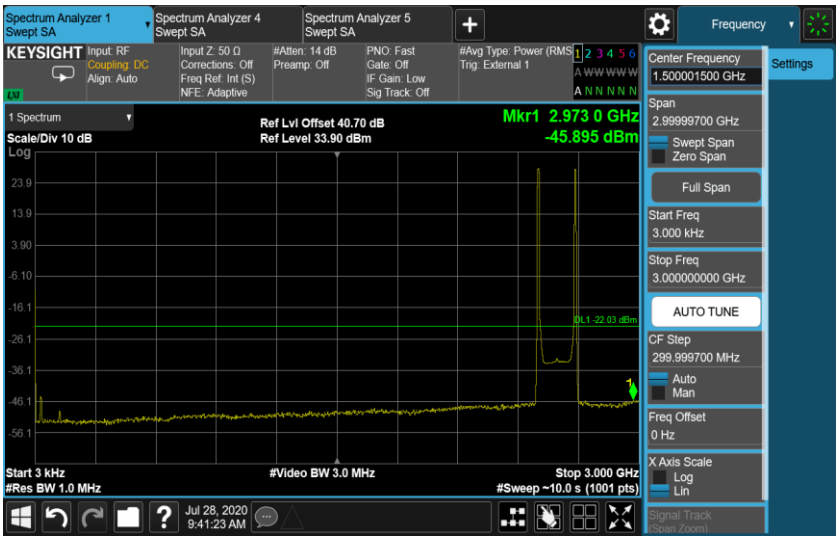


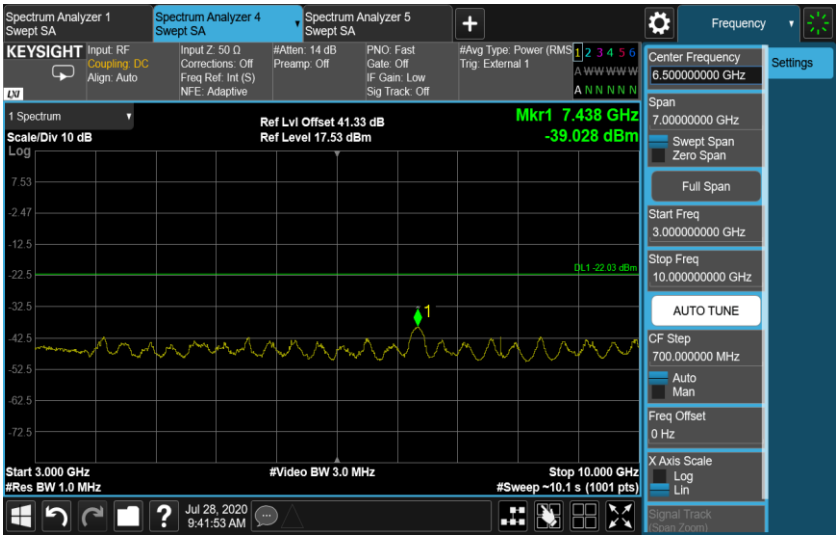


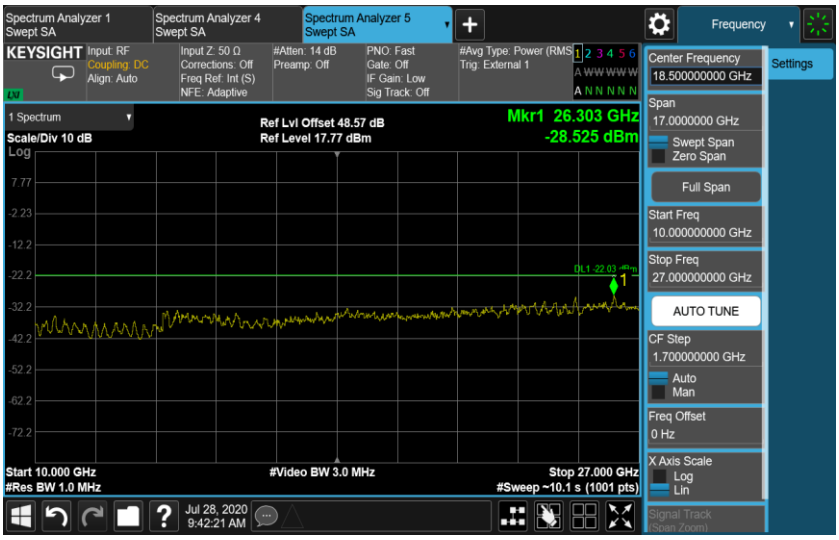
Configuration LTE-MIMO-2C QPSK

Channel Bandwidth	RBW (MHz)	Limit (dBm)
10.0 MHz	1.0	-22.03
20.0 MHz	1.0	-22.03

Port H, Channel Position M 10.0 MHz







Port H, Channel Position M 20.0 MHz