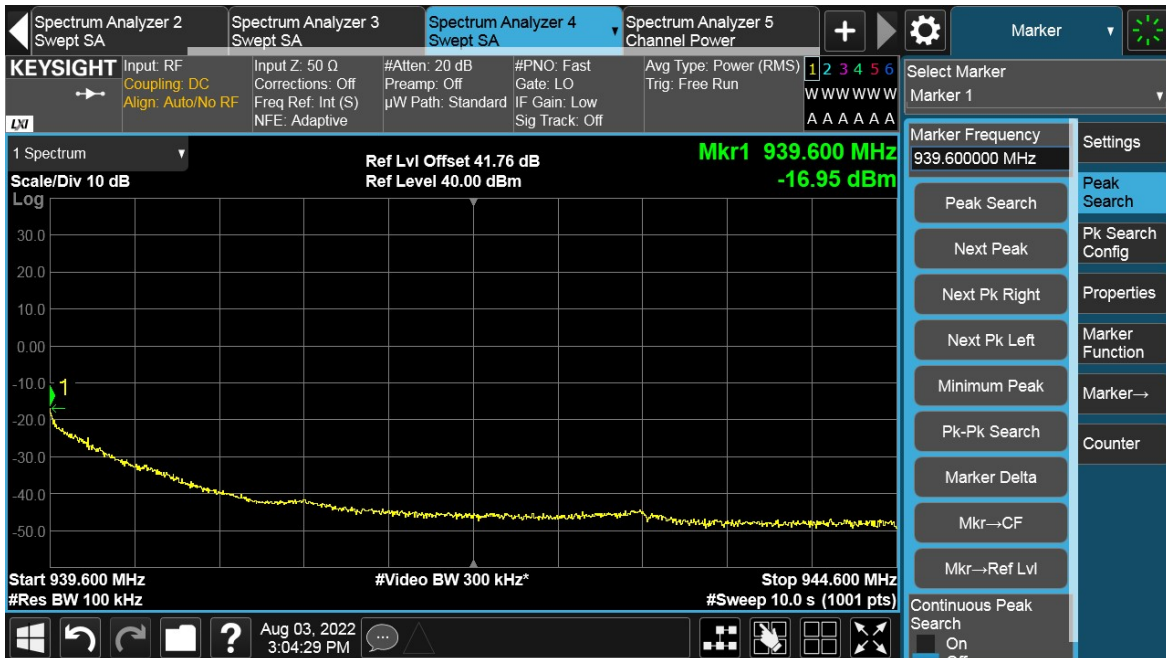
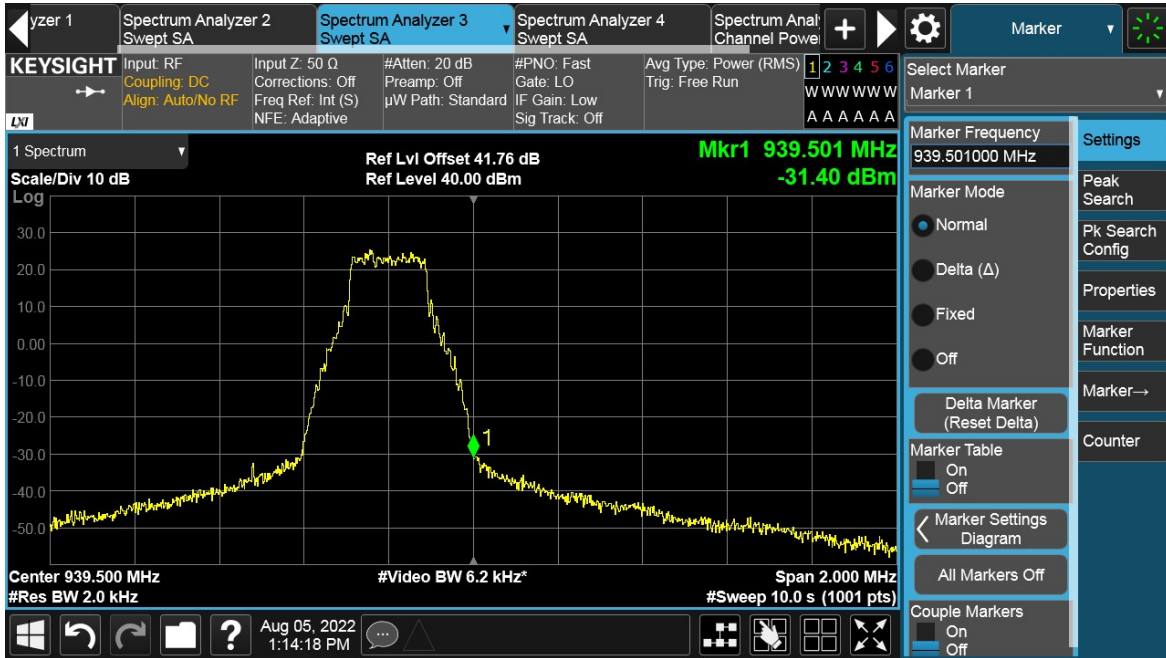
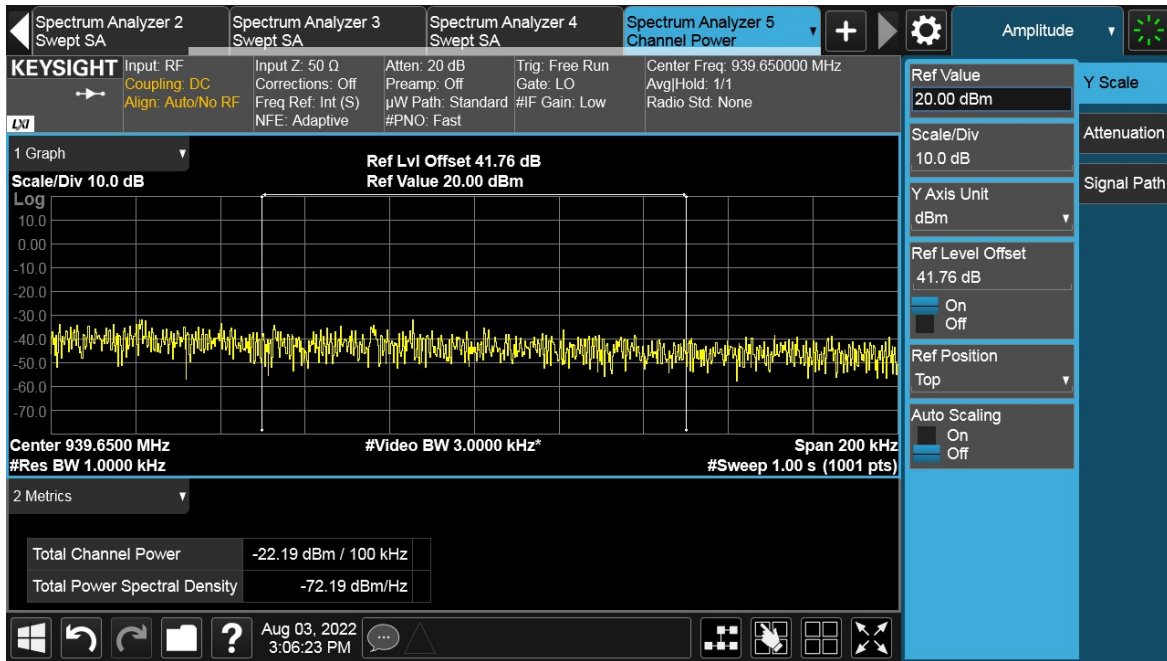


Channel Position T



Total Quality. Assured.

TEST REPORT



6 Conducted Unwanted Emission

Test result: Pass

6.1 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 $50 + 10\log(P)$ dB.

6.2 Measurement Procedure

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 $50 + 10\log(P)$ 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 9kHz to 10GHz. The resolution bandwidth of 1MHz was employed for frequency band 9kHz to 10GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of $-6.02\text{dB} [10\log(1/4)]^1$ by using the Measure and Add $10\log(N)$ dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports . Then the limit was adjusted to -26.02dBm .

Note: For MIMO mode, $-6.02\text{dB} [10\log(1/4)]$ is used as correction by manufactory's requirement.

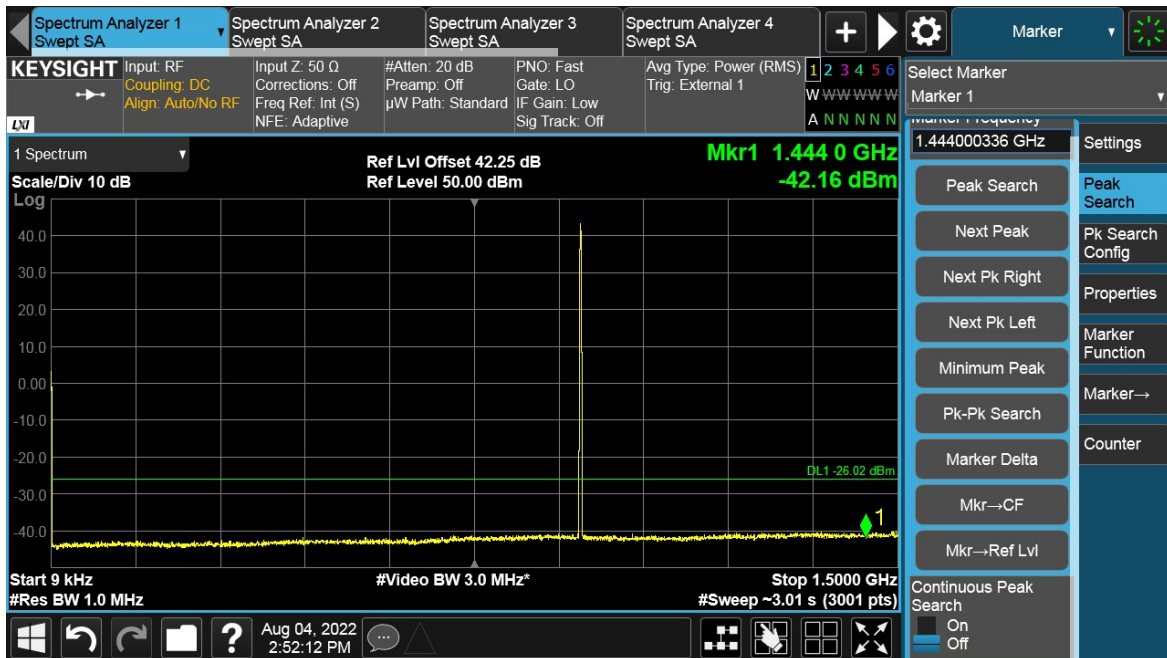
TEST REPORT

6.3 Measurement result

LTE-1C 20W with Filter Unit

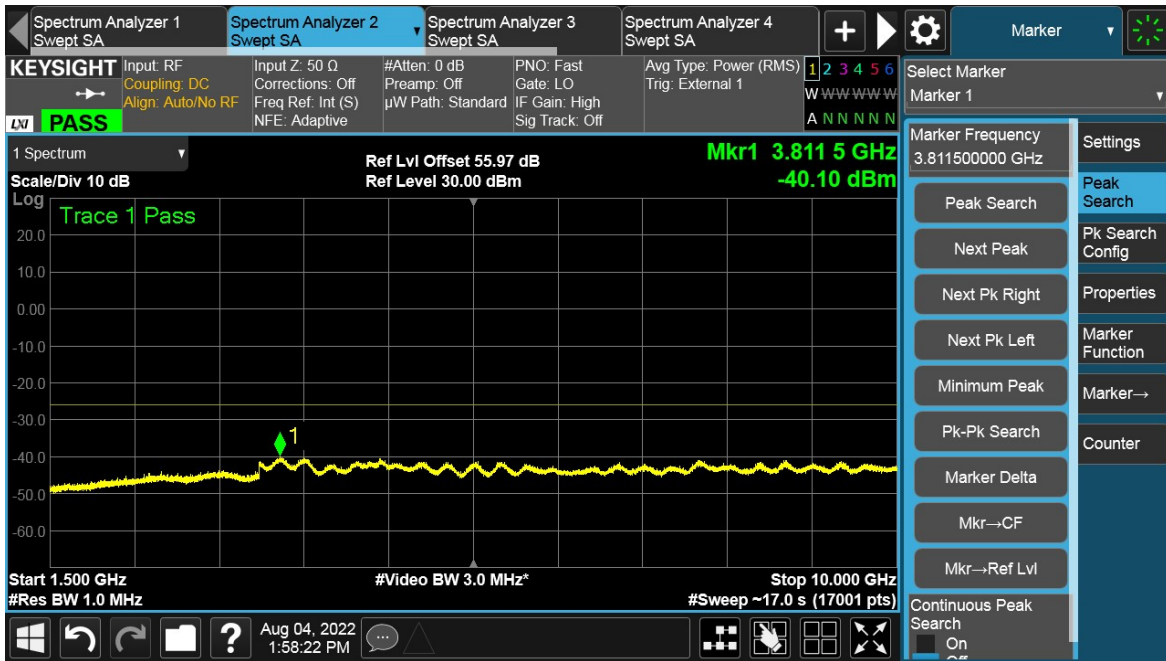
Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
B	M	64QAM	1.4	1000	-26.02

Channel Position M



Total Quality. Assured.

TEST REPORT



LTE-1C 60W with Filter Unit

Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
B	M	64QAM	3	1000	-26.02

Channel Position M

