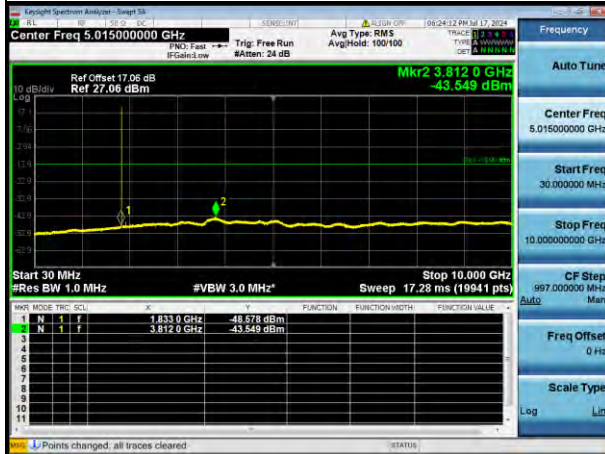


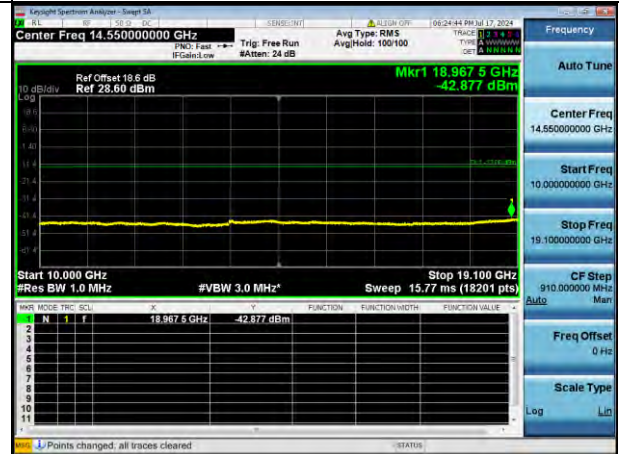
LTE Cat M Appendix-CSE

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz, 1RB#0

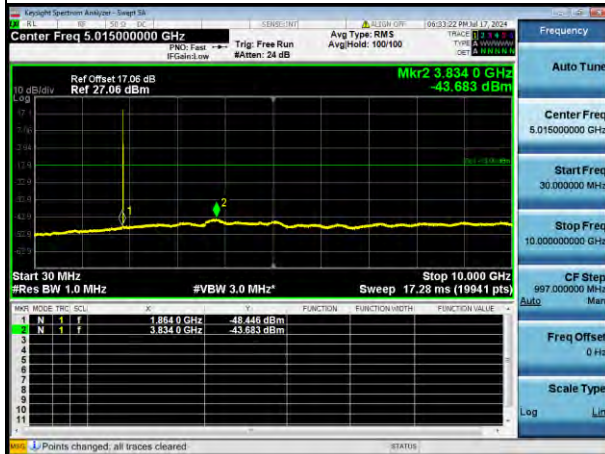
QPSK Low channel-30MHz~10GHz



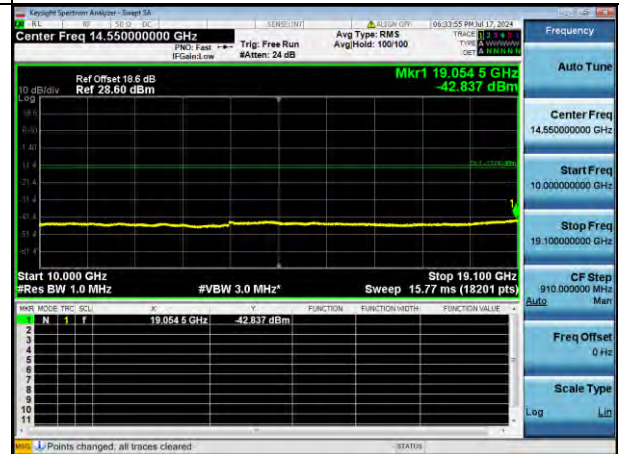
QPSK Low channel-10GHz~20GHz



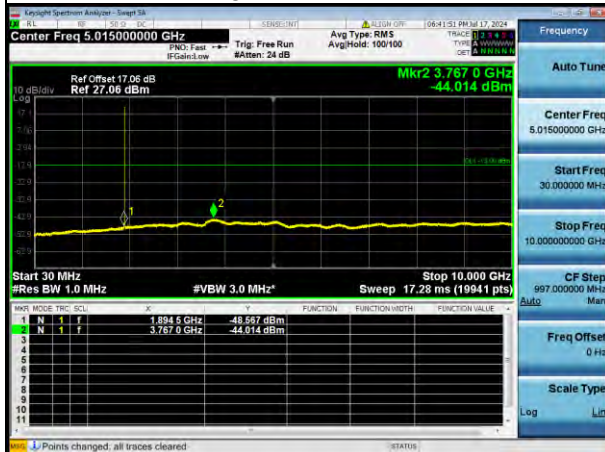
QPSK Middle channel-30MHz~10GHz



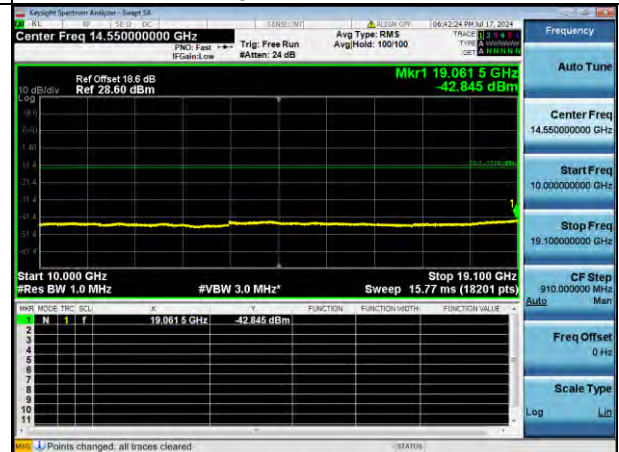
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

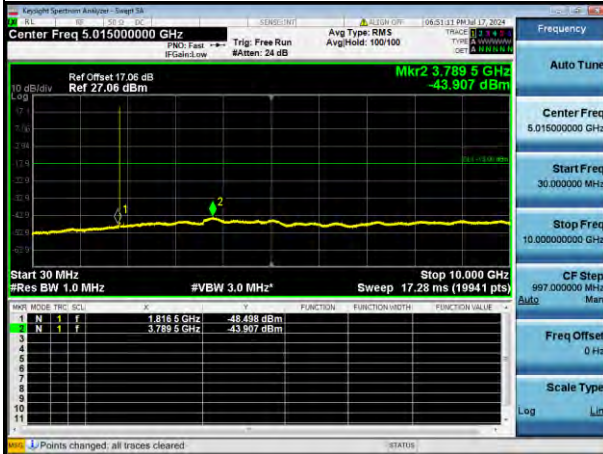


QPSK High channel-10GHz~20GHz

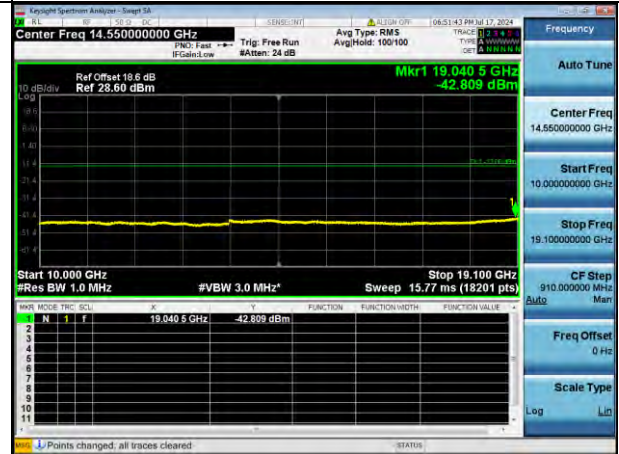


LTE FDD Band 2, Nominal Bandwidth: 3.0MHz, 1RB#0

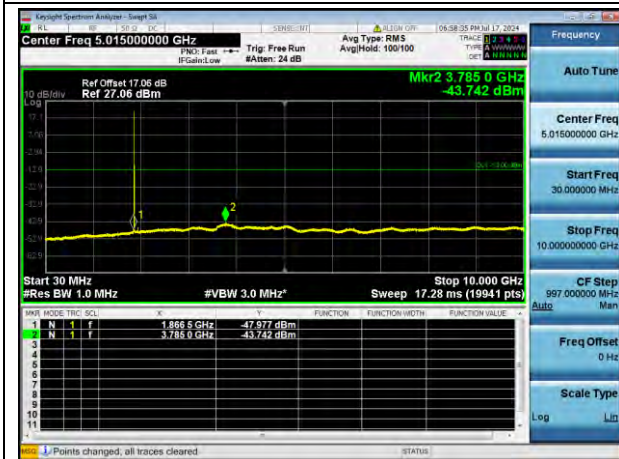
QPSK Low channel-30MHz~10GHz



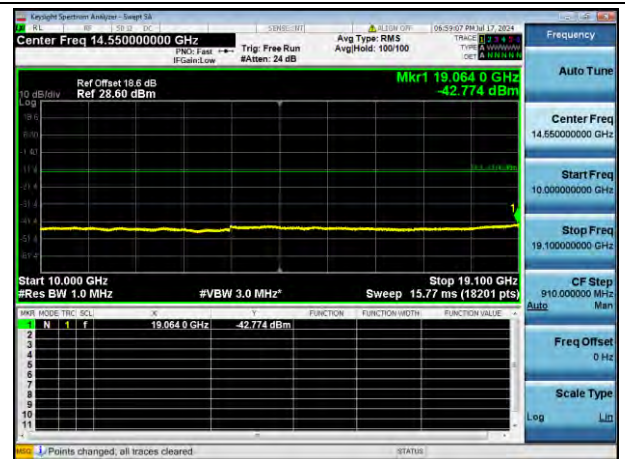
QPSK Low channel-10GHz~20GHz



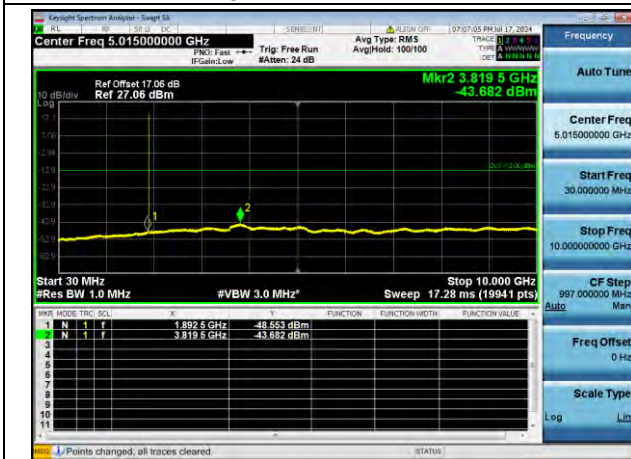
QPSK Middle channel-30MHz~10GHz



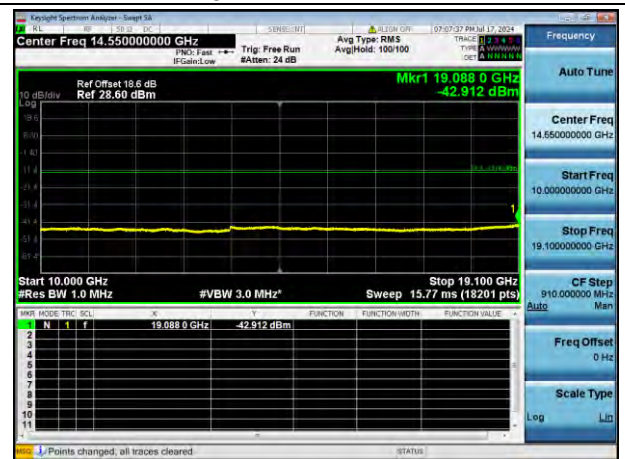
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

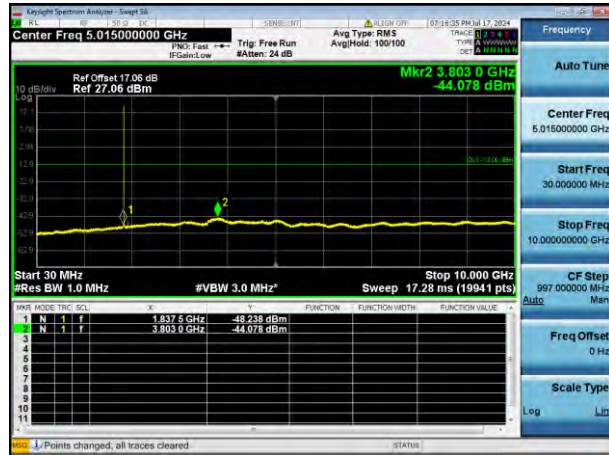


QPSK High channel-10GHz~20GHz

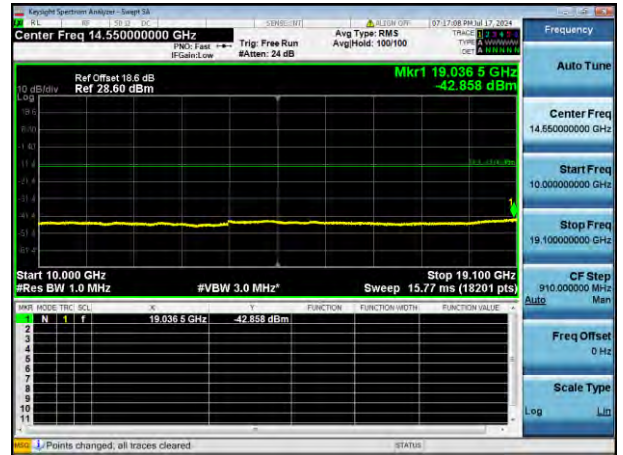


LTE FDD Band 2, Nominal Bandwidth: 5.0MHz, 1RB#0

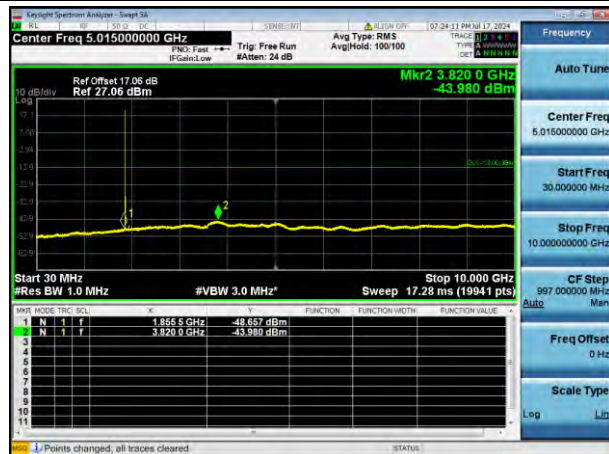
QPSK Low channel-30MHz~10GHz



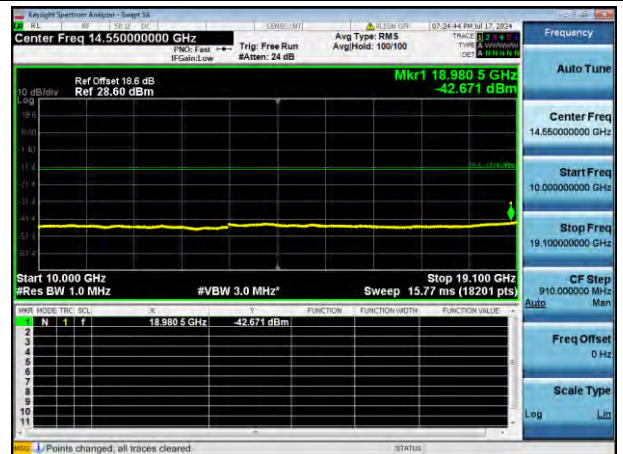
QPSK Low channel-10GHz~20GHz



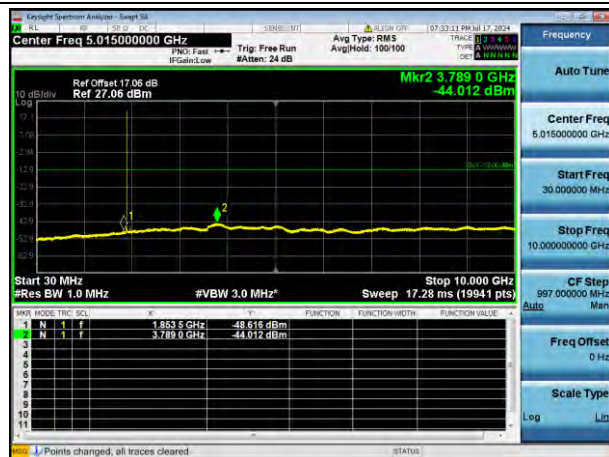
QPSK Middle channel-30MHz~10GHz



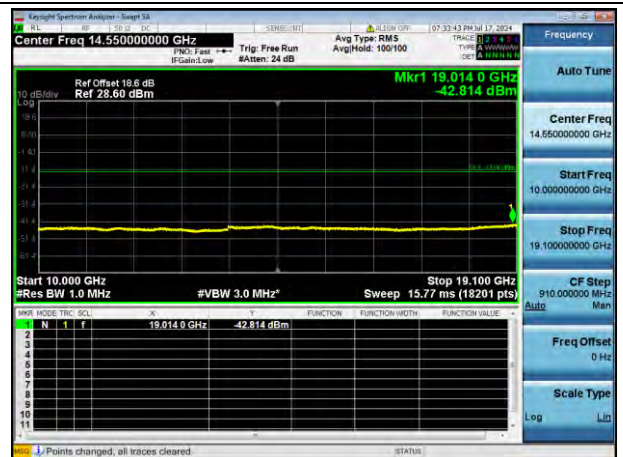
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

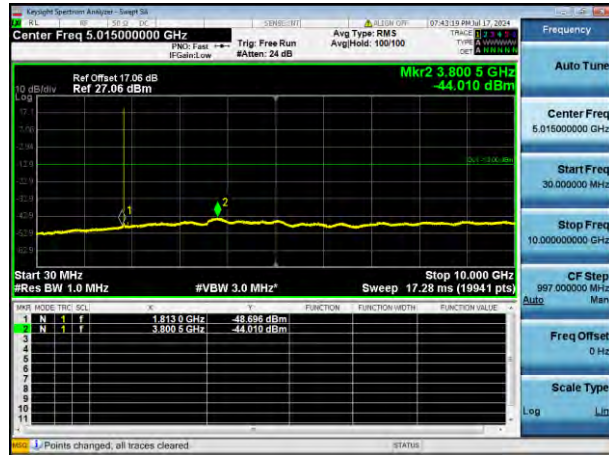


QPSK High channel-10GHz~20GHz

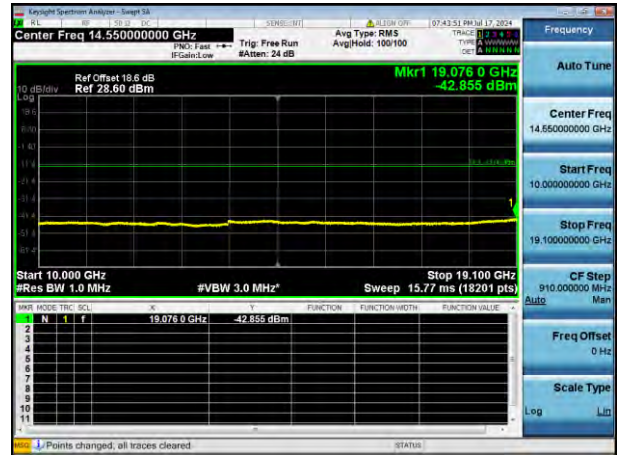


LTE FDD Band 2, Nominal Bandwidth: 10MHz, 1RB#0

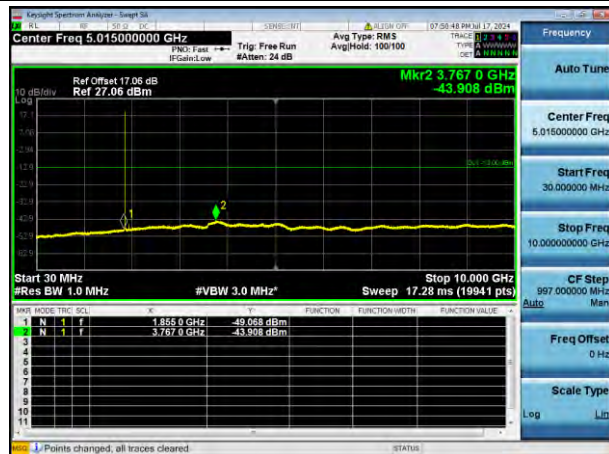
QPSK Low channel-30MHz~10GHz



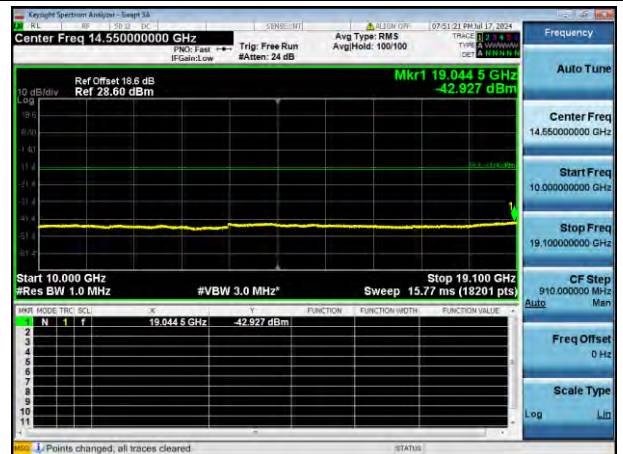
QPSK Low channel-10GHz~20GHz



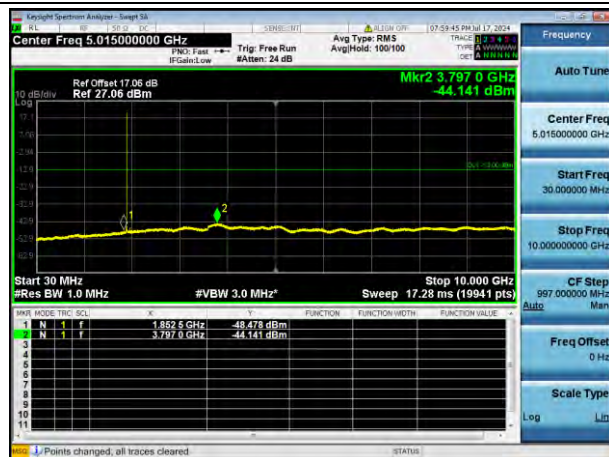
QPSK Middle channel-30MHz~10GHz



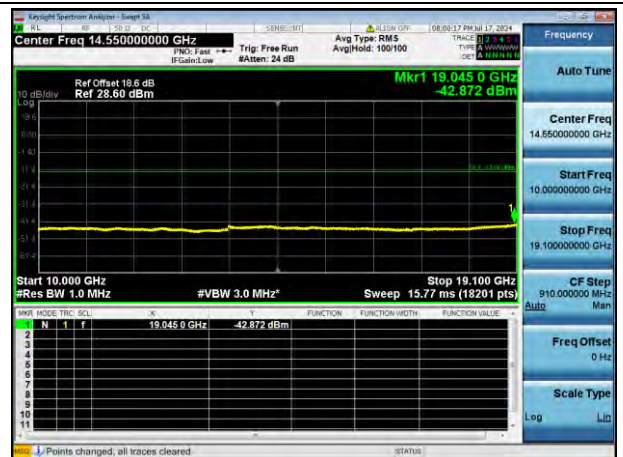
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

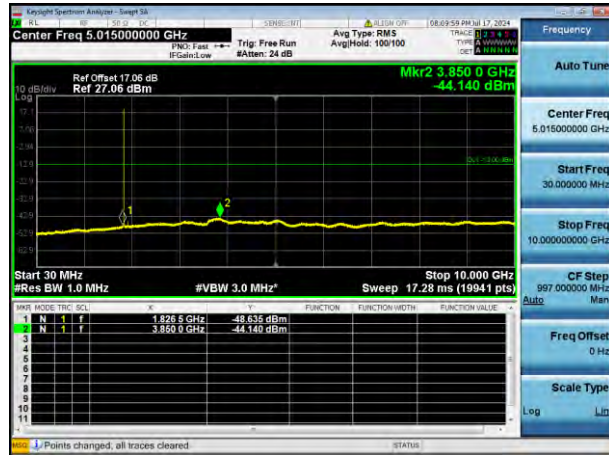


QPSK High channel-10GHz~20GHz

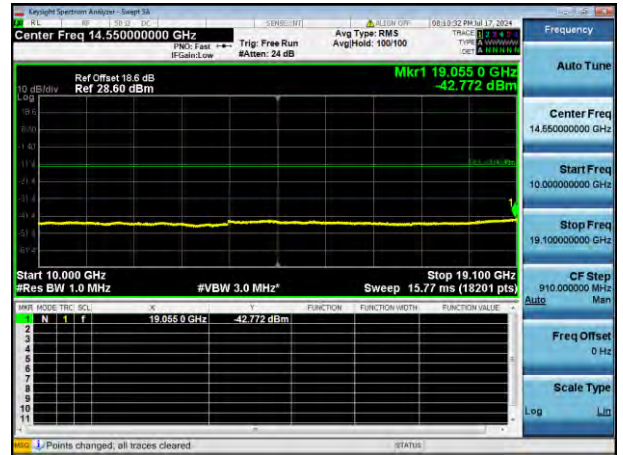


LTE FDD Band 2, Nominal Bandwidth: 15MHz, 1RB#0

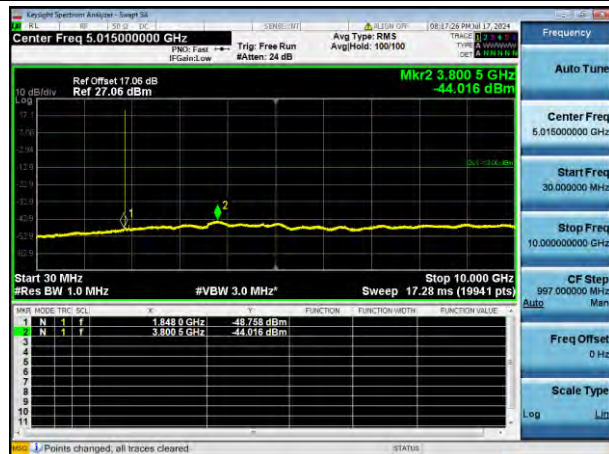
QPSK Low channel-30MHz~10GHz



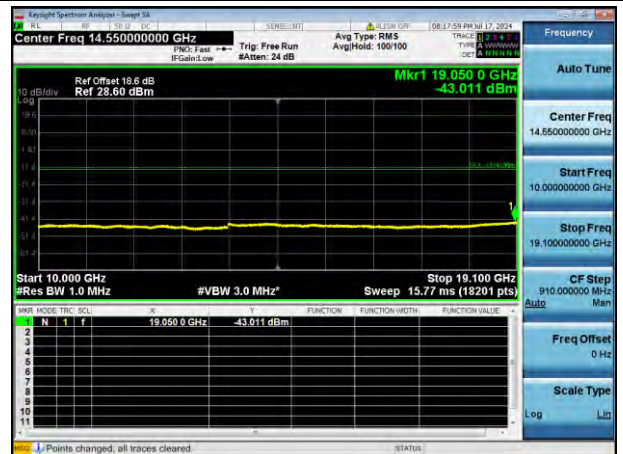
QPSK Low channel-10GHz~20GHz



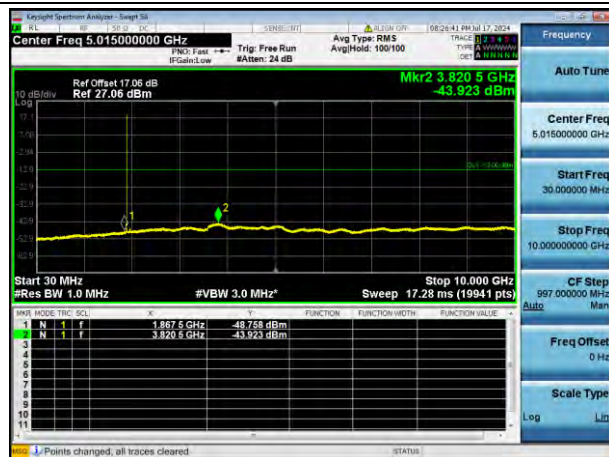
QPSK Middle channel-30MHz~10GHz



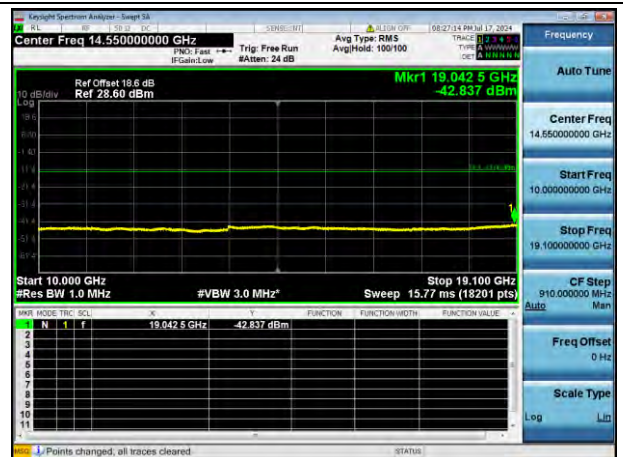
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

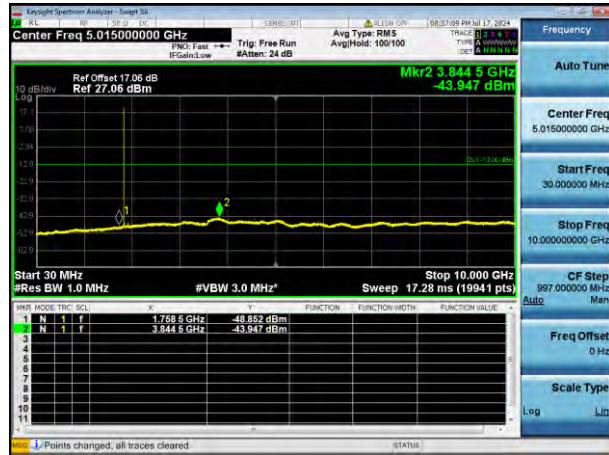


QPSK High channel-10GHz~20GHz

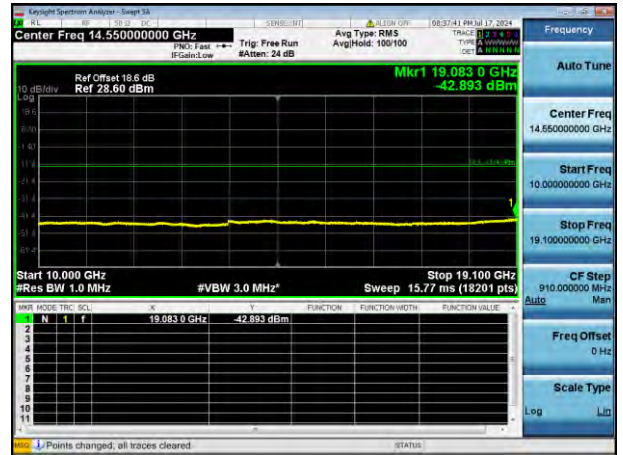


LTE FDD Band 2, Nominal Bandwidth: 20MHz, 1RB#0

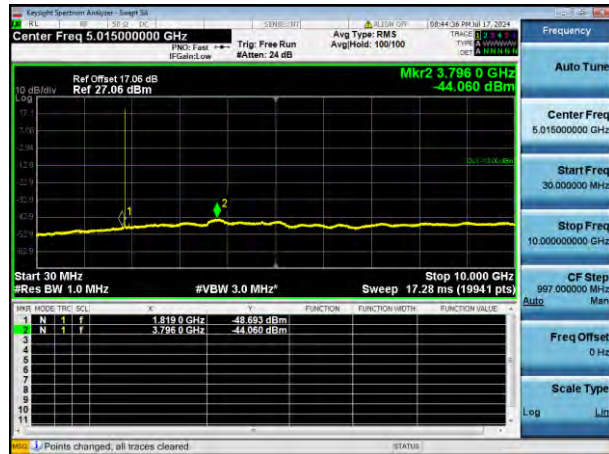
QPSK Low channel-30MHz~10GHz



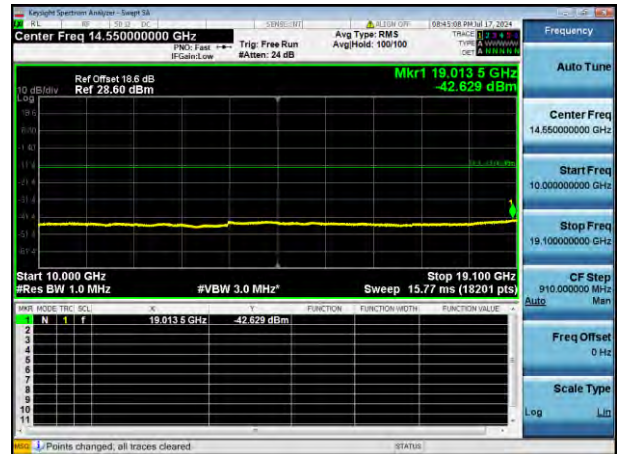
QPSK Low channel-10GHz~20GHz



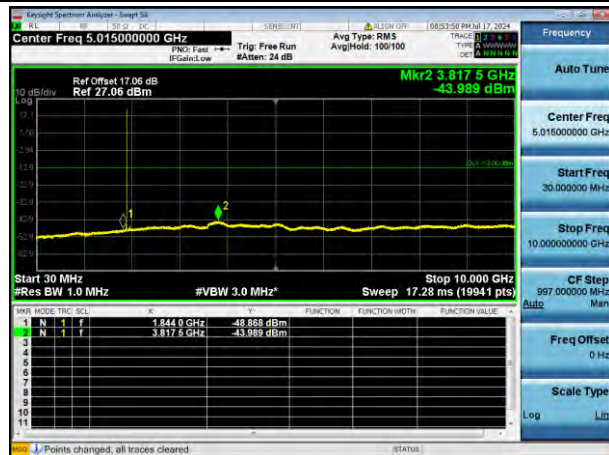
QPSK Middle channel-30MHz~10GHz



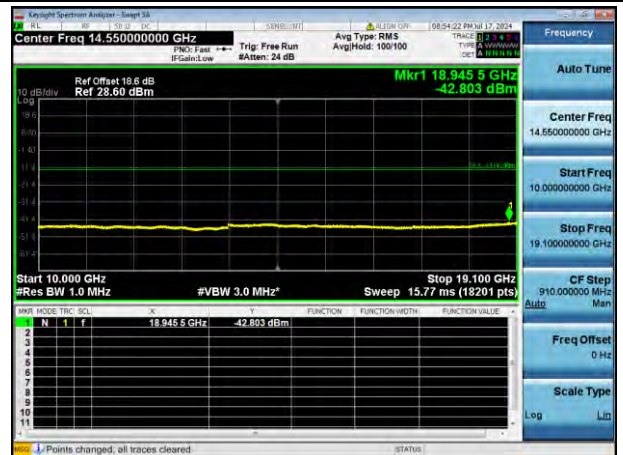
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz



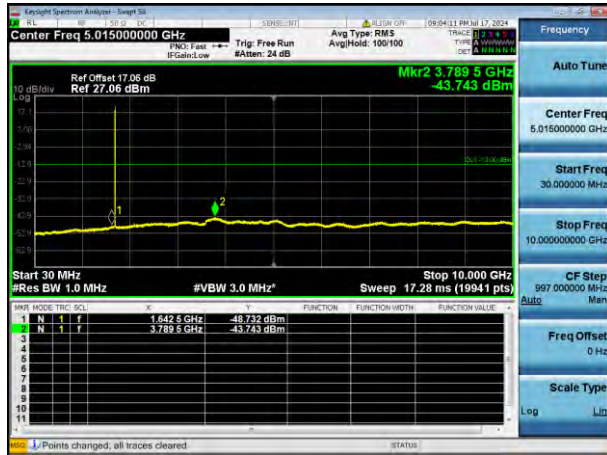
QPSK High channel-10GHz~20GHz



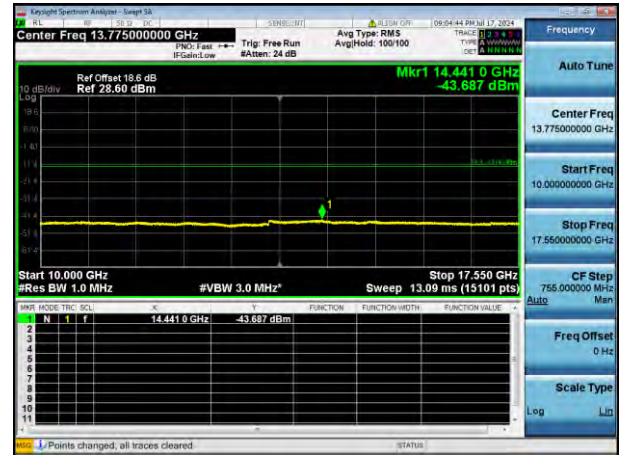
Note: All modes have been tested and we found QPSK modulation, 1RB@0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz, 1RB#0

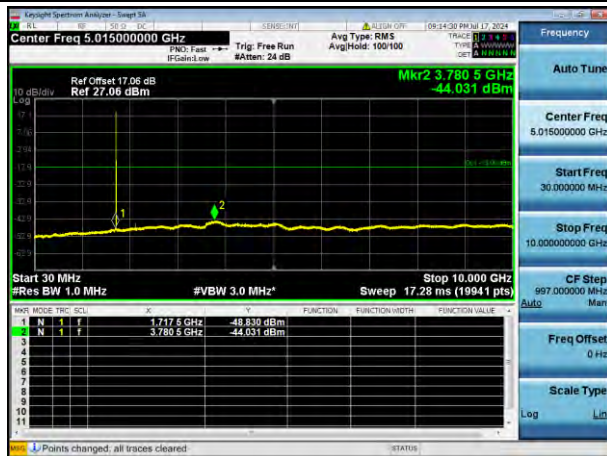
QPSK Low channel-30MHz~10GHz



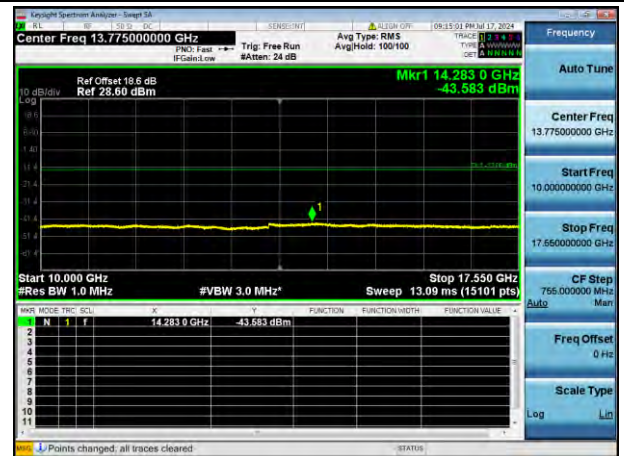
QPSK Low channel-10GHz~20GHz



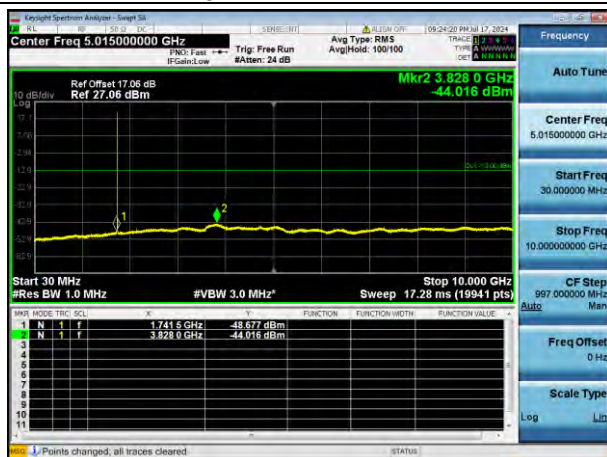
QPSK Middle channel-30MHz~10GHz



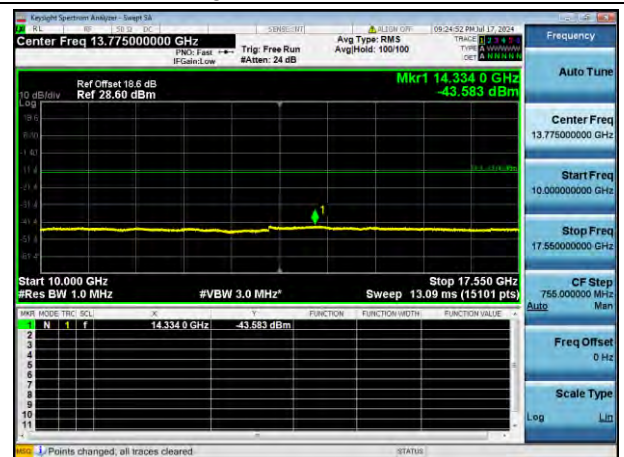
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

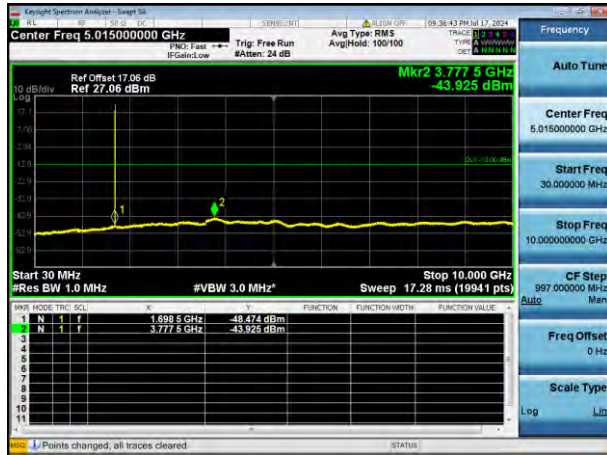


QPSK High channel-10GHz~20GHz

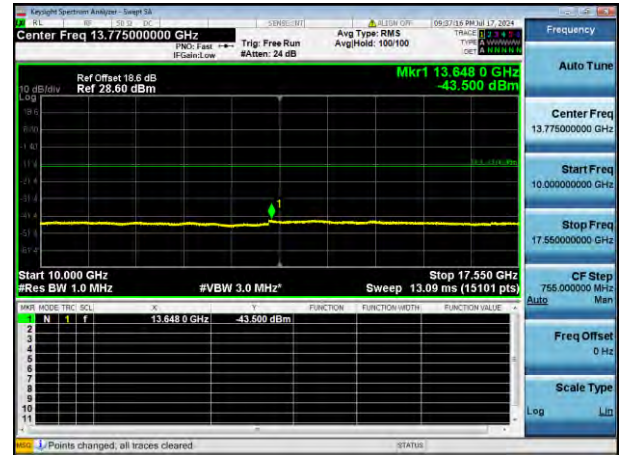


LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, 1RB#0

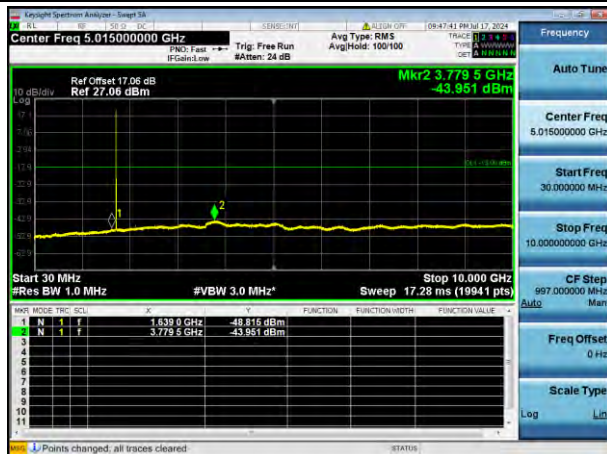
QPSK Low channel-30MHz~10GHz



QPSK Low channel-10GHz~20GHz



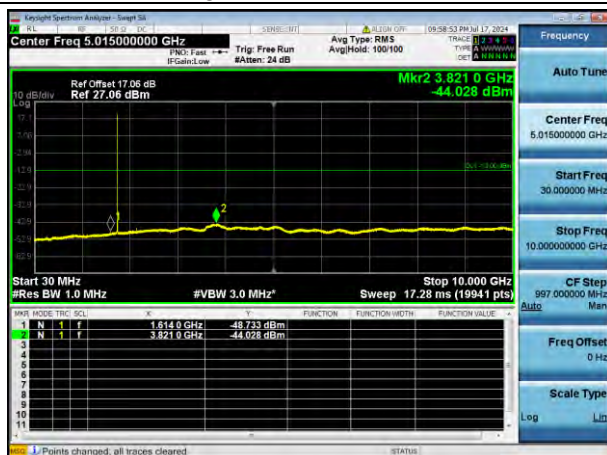
QPSK Middle channel-30MHz~10GHz



QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

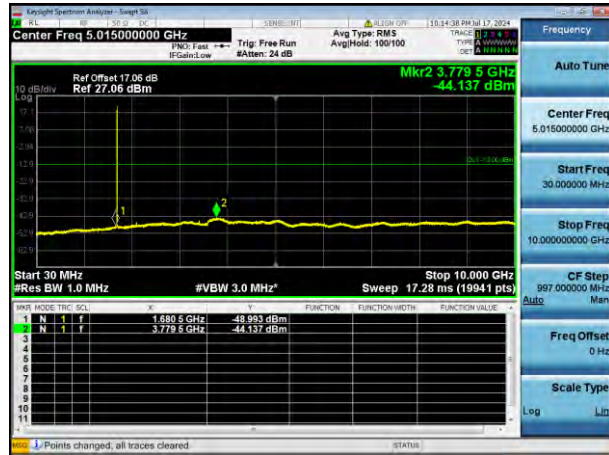


QPSK High channel-10GHz~20GHz

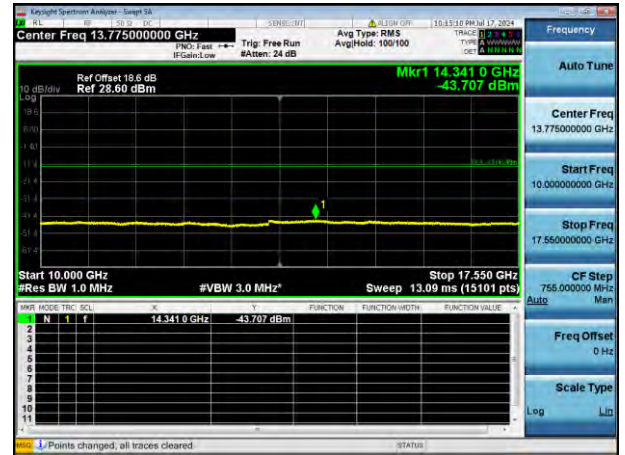


LTE FDD Band 4, Nominal Bandwidth: 5.0MHz, 1RB#0

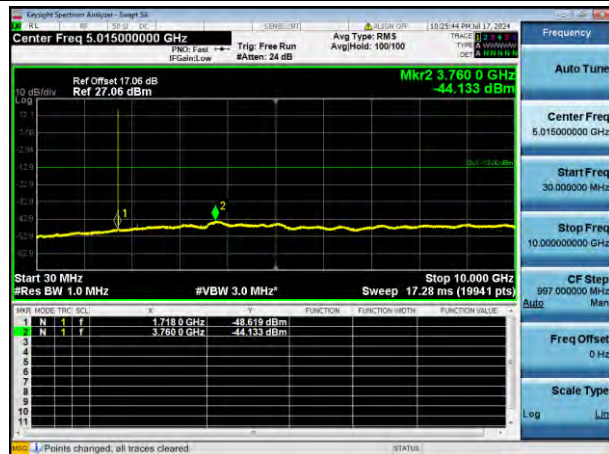
QPSK Low channel-30MHz~10GHz



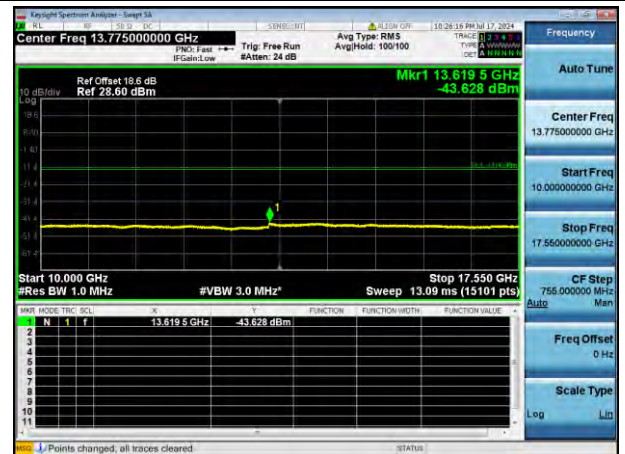
QPSK Low channel-10GHz~20GHz



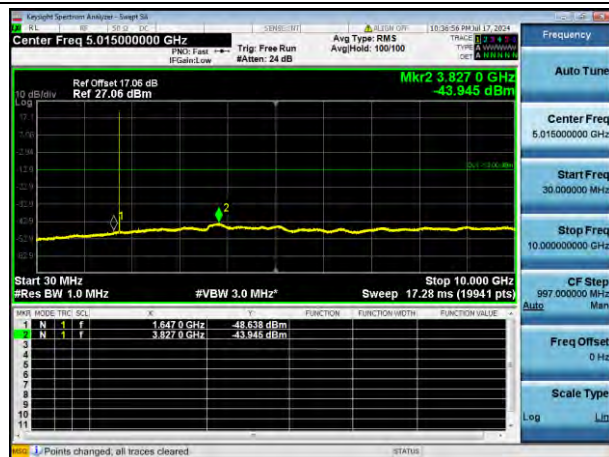
QPSK Middle channel-30MHz~10GHz



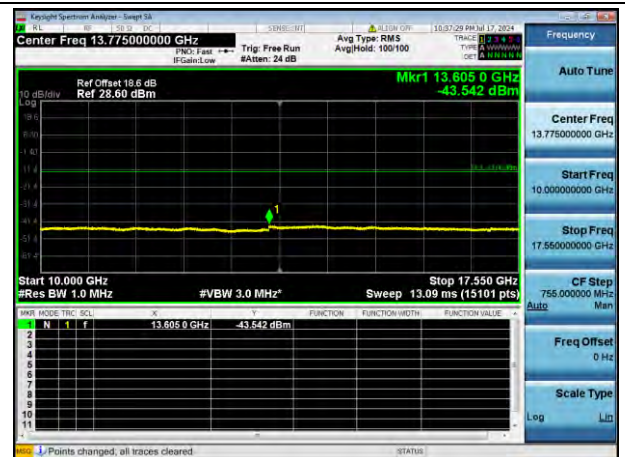
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

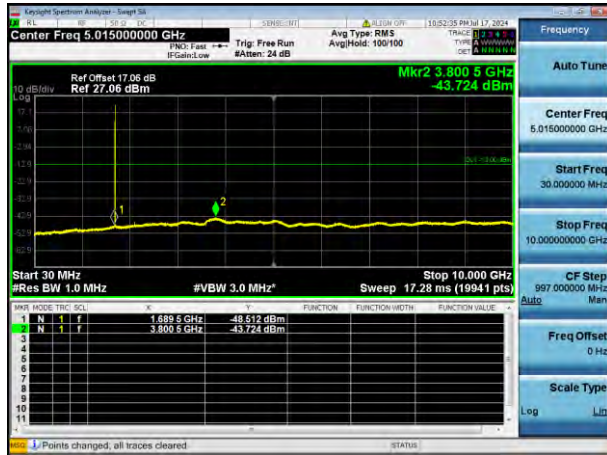


QPSK High channel-10GHz~20GHz

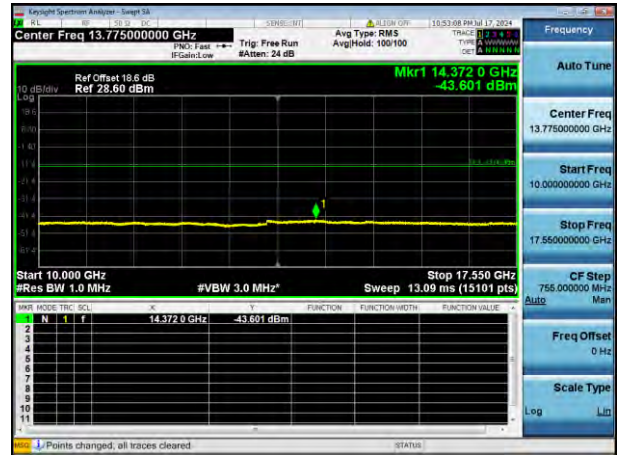


LTE FDD Band 4, Nominal Bandwidth: 10MHz, 1RB#0

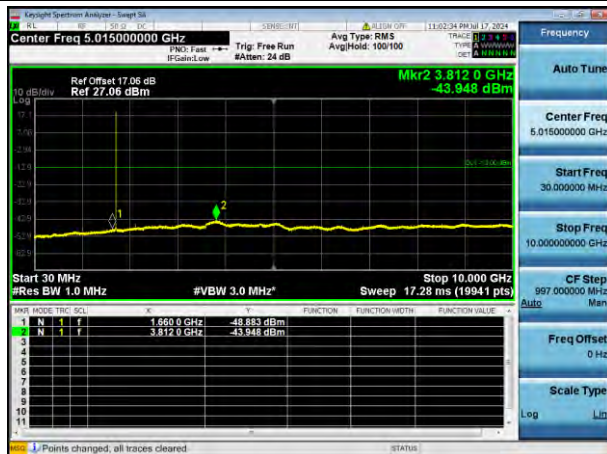
QPSK Low channel-30MHz~10GHz



QPSK Low channel-10GHz~20GHz



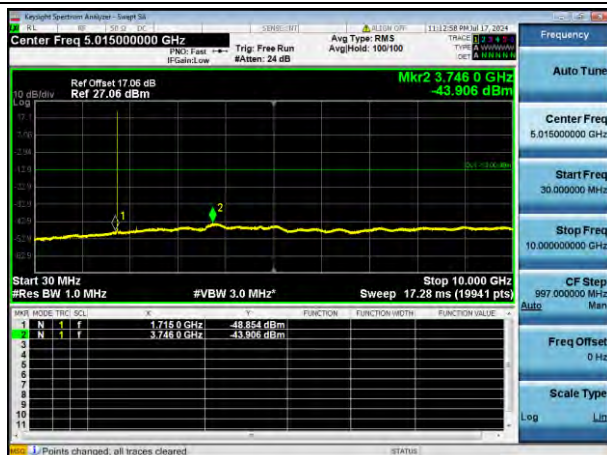
QPSK Middle channel-30MHz~10GHz



QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

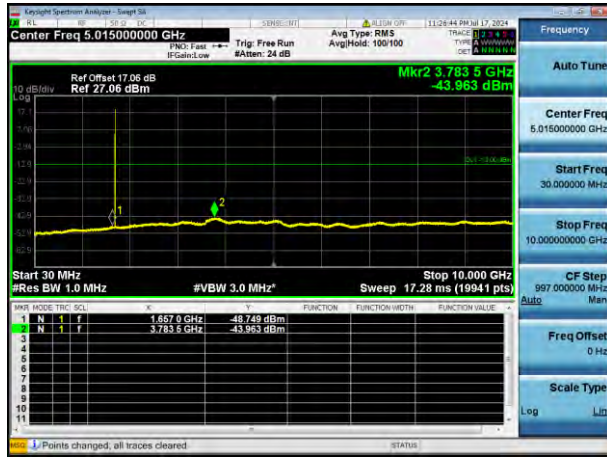


QPSK High channel-10GHz~20GHz

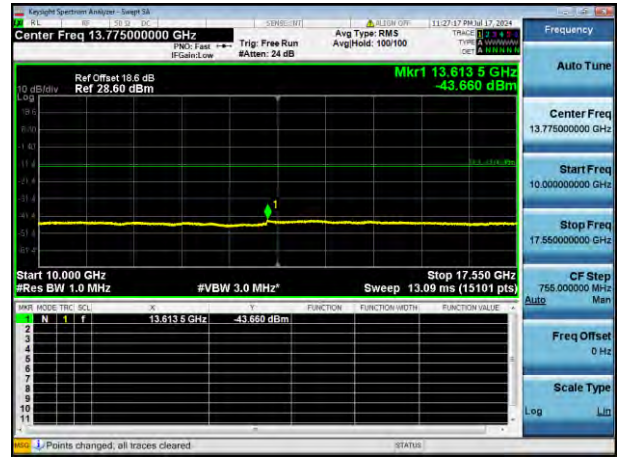


LTE FDD Band 4, Nominal Bandwidth: 15MHz, 1RB#0

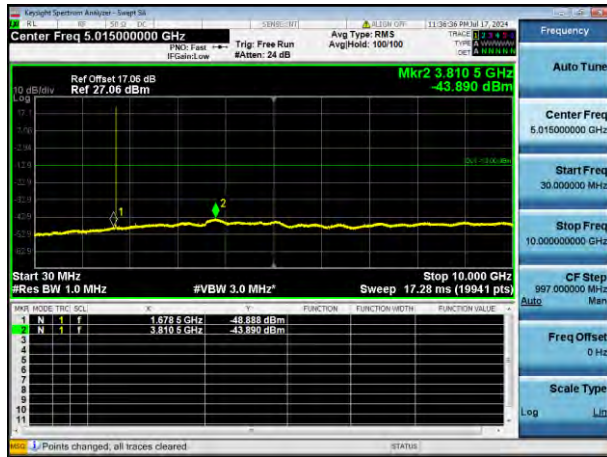
QPSK Low channel-30MHz~10GHz



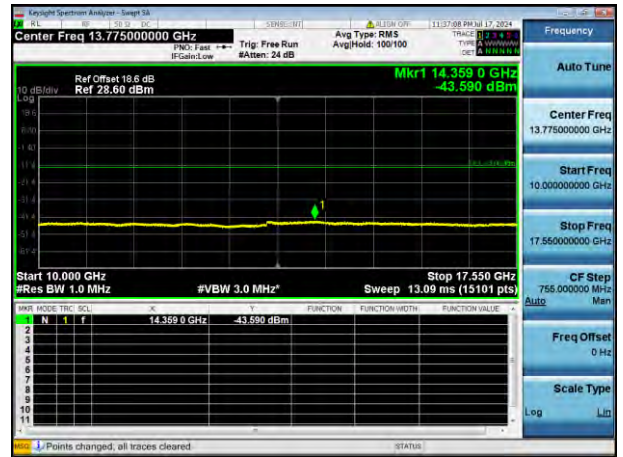
QPSK Low channel-10GHz~20GHz



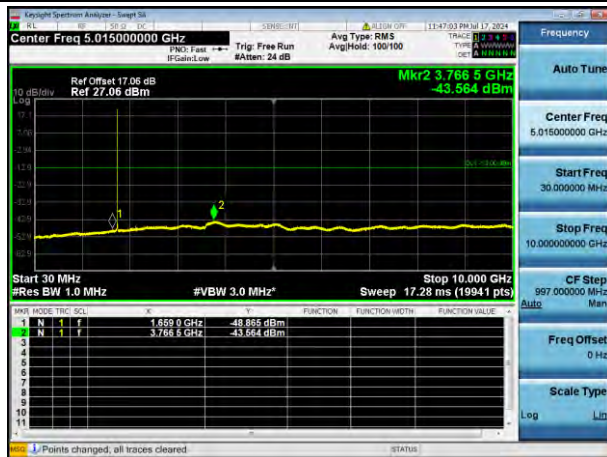
QPSK Middle channel-30MHz~10GHz



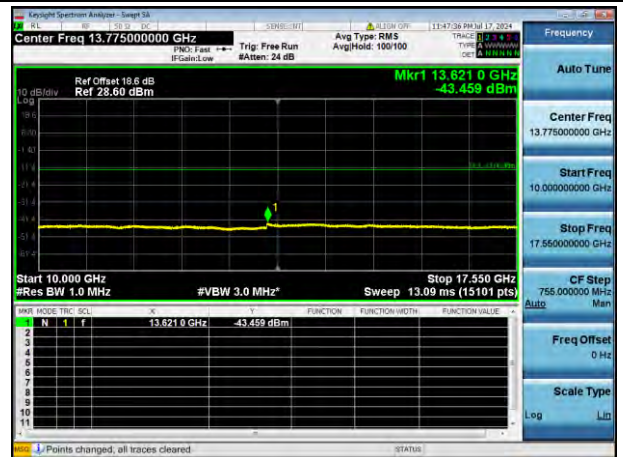
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

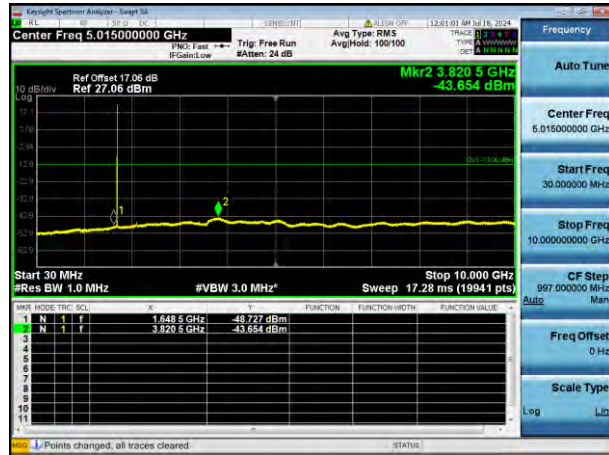


QPSK High channel-10GHz~20GHz

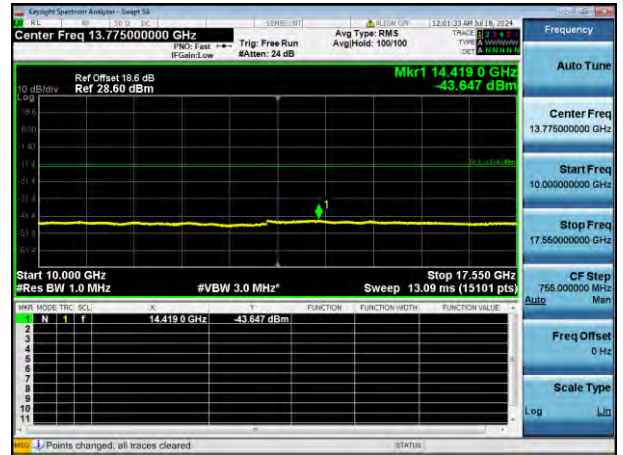


LTE FDD Band 4, Nominal Bandwidth: 20MHz, 1RB#0

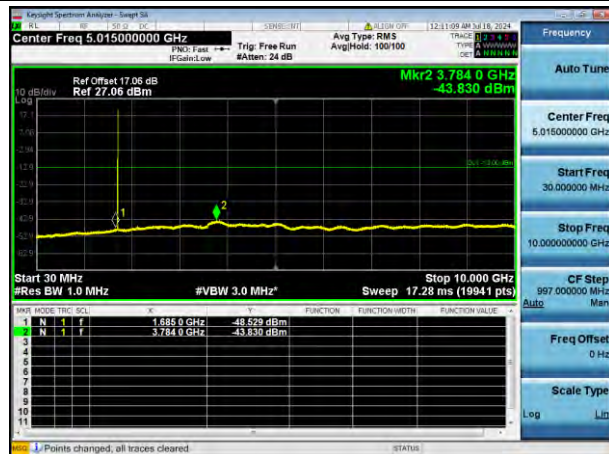
QPSK Low channel-30MHz~10GHz



QPSK Low channel-10GHz~20GHz



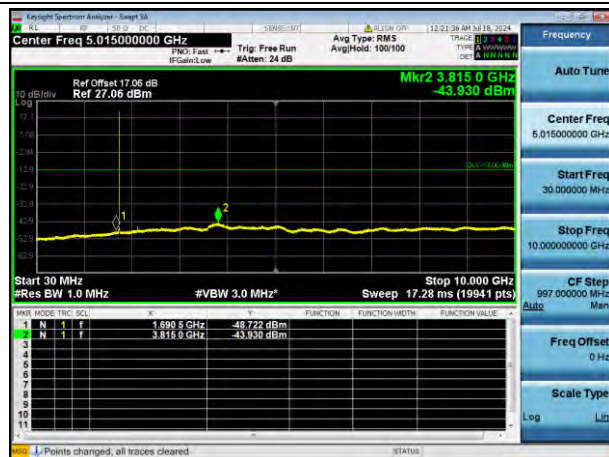
QPSK Middle channel-30MHz~10GHz



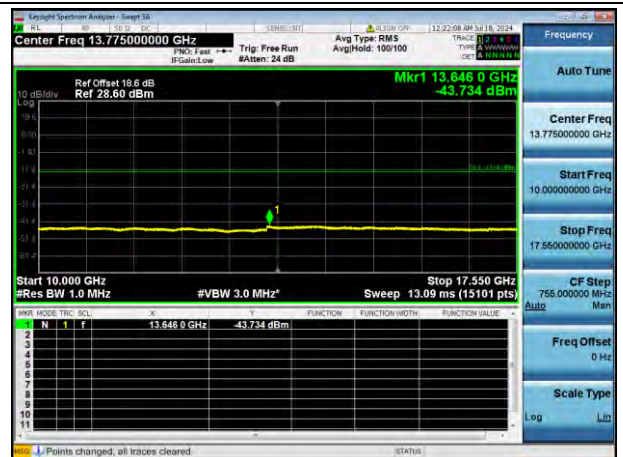
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz



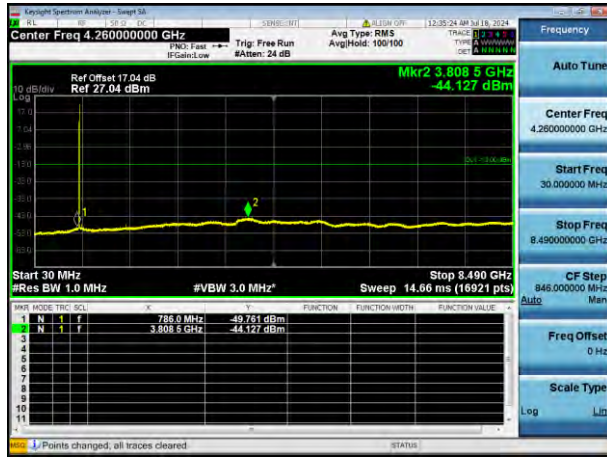
QPSK High channel-10GHz~20GHz



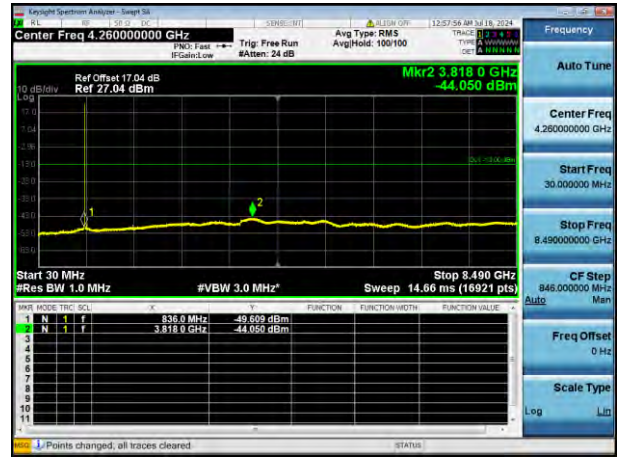
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz, 1RB#0

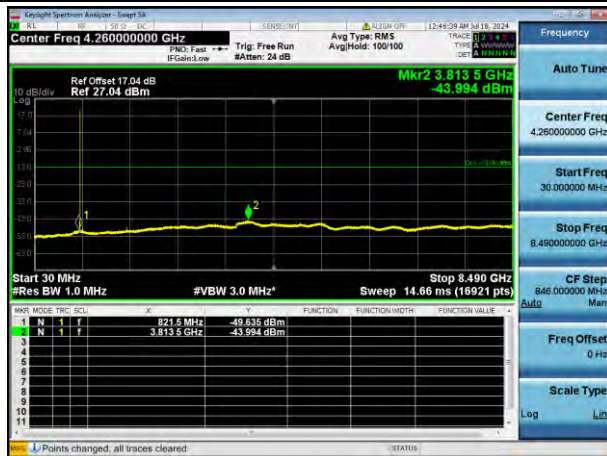
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

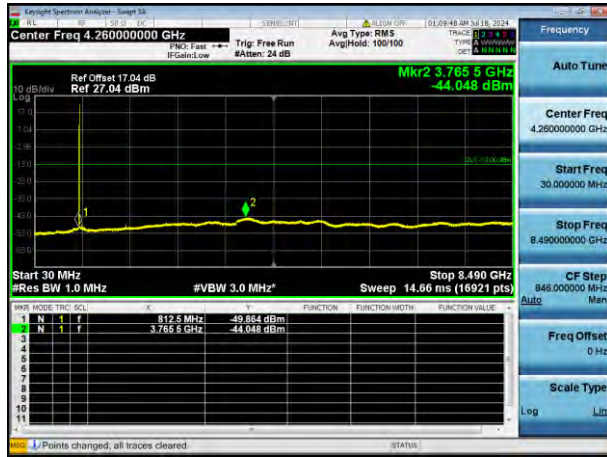


QPSK Middle channel-30MHz~10GHz

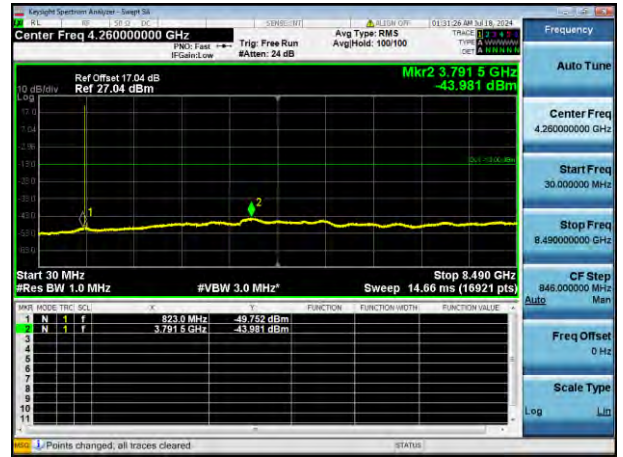


LTE FDD Band 5, Nominal Bandwidth: 3.0MHz, 1RB#0

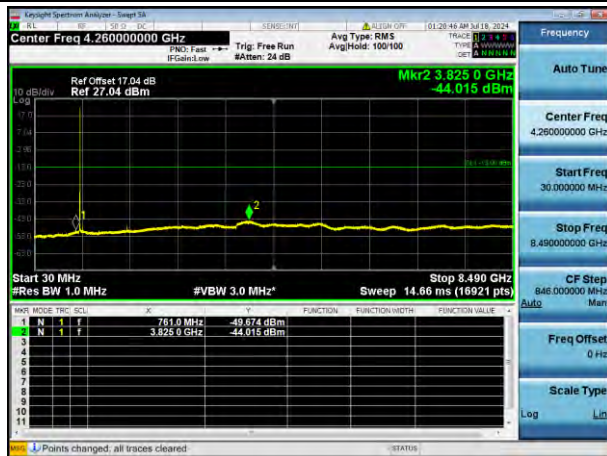
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

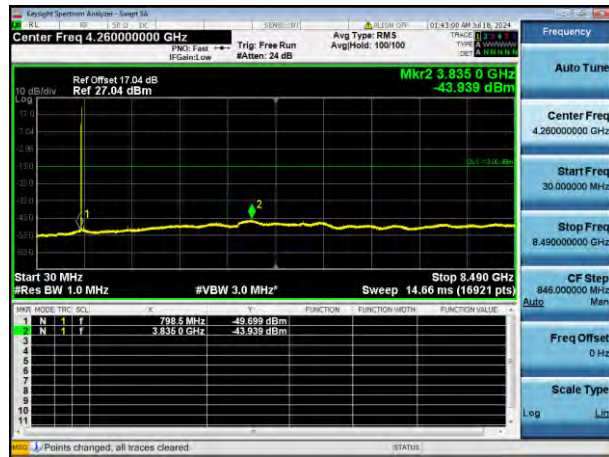


QPSK Middle channel-30MHz~10GHz



LTE FDD Band 5, Nominal Bandwidth: 5.0MHz, 1RB#0

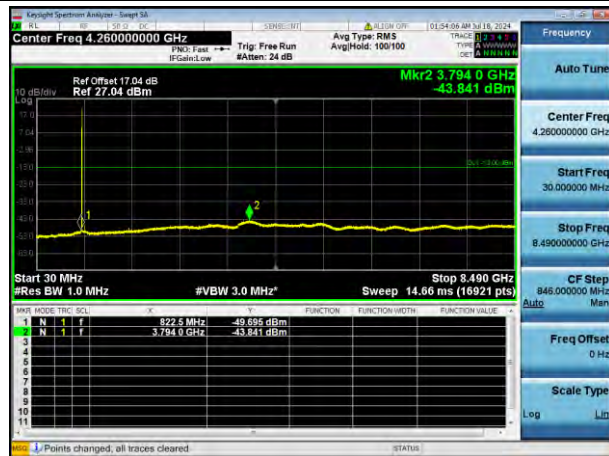
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

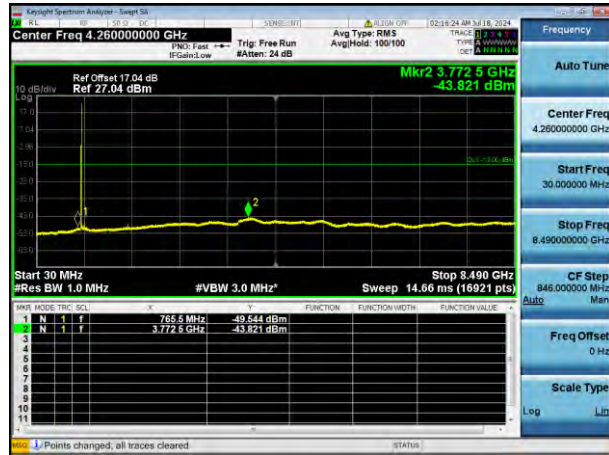


QPSK Middle channel-30MHz~10GHz

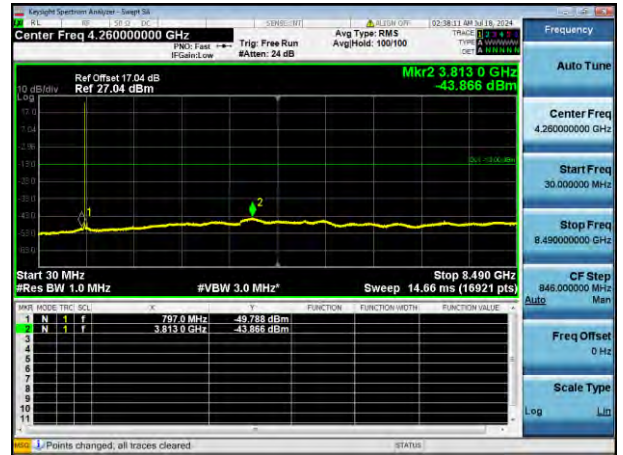


LTE FDD Band 5, Nominal Bandwidth: 10MHz, 1RB#0

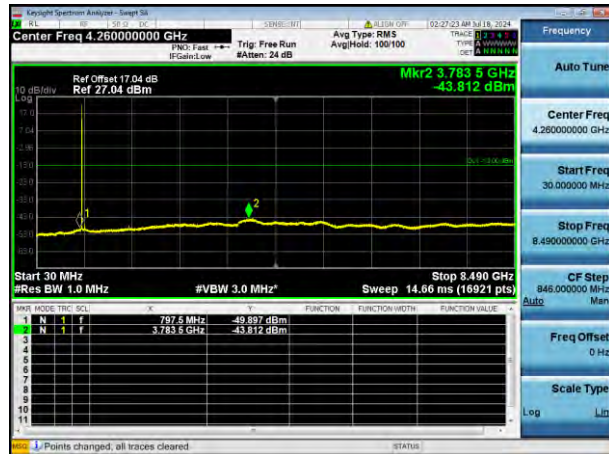
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz



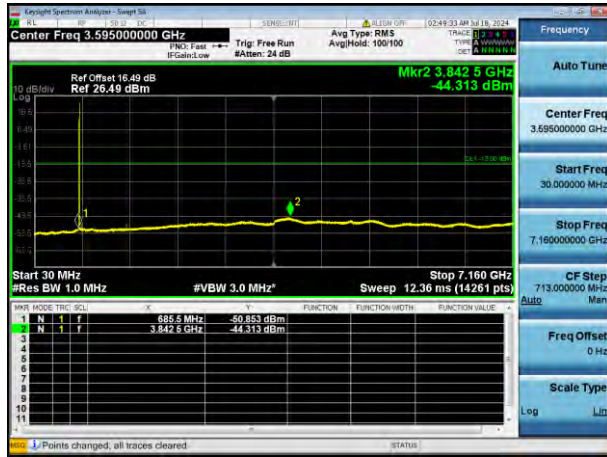
QPSK Middle channel-30MHz~10GHz



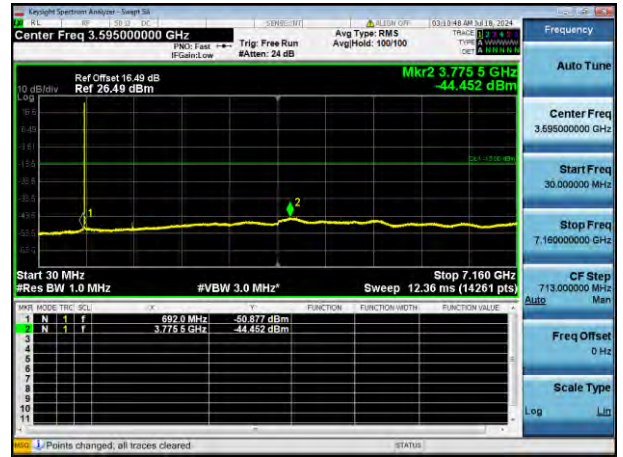
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 12, Nominal Bandwidth: 1.4MHz, 1RB#0

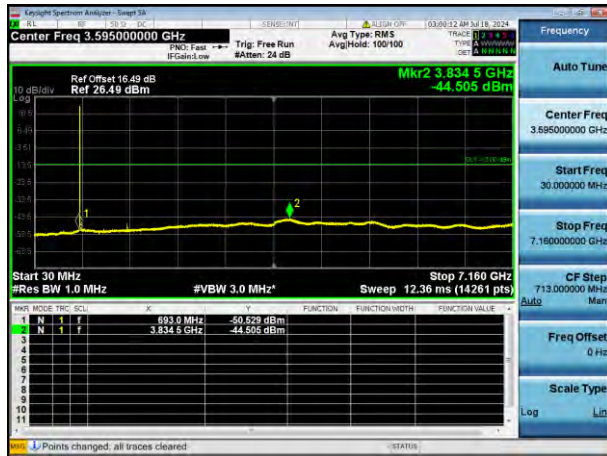
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

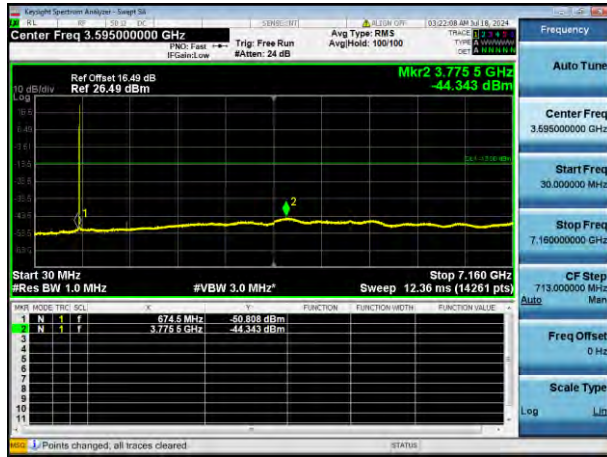


QPSK Middle channel-30MHz~10GHz

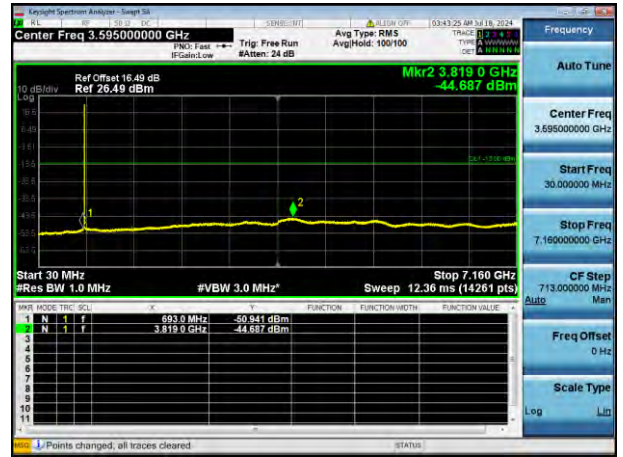


LTE FDD Band 12, Nominal Bandwidth: 3.0MHz, 1RB#0

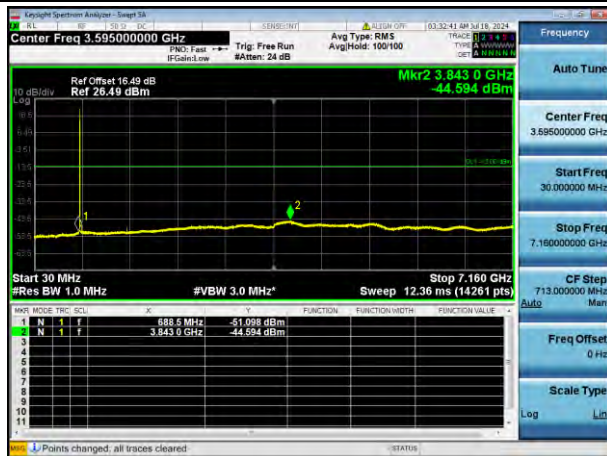
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

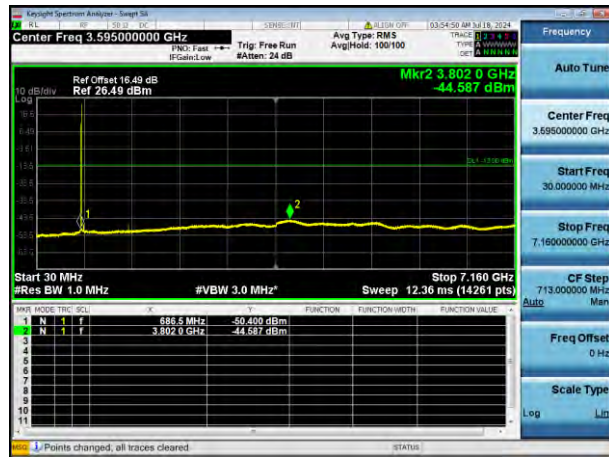


QPSK Middle channel-30MHz~10GHz

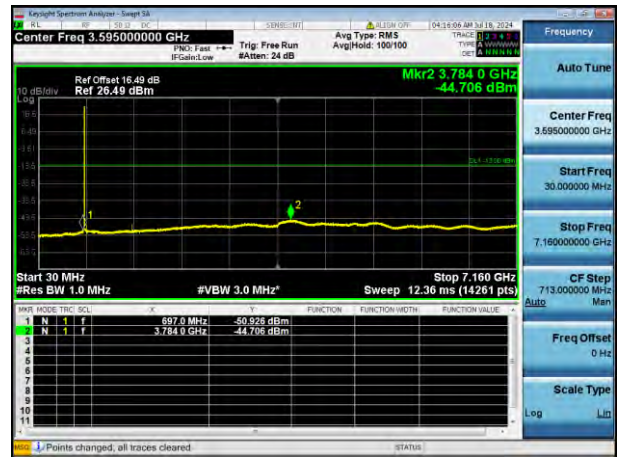


LTE FDD Band 12, Nominal Bandwidth: 5.0MHz, 1RB#0

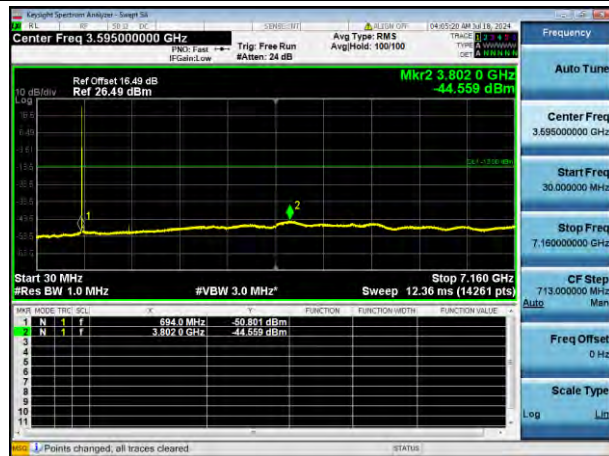
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

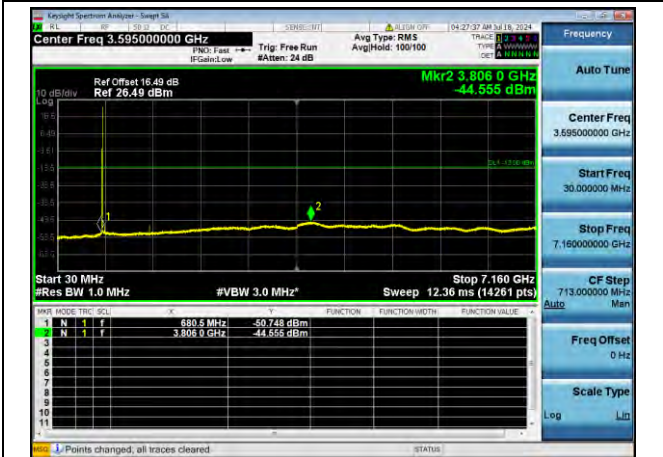


QPSK Middle channel-30MHz~10GHz

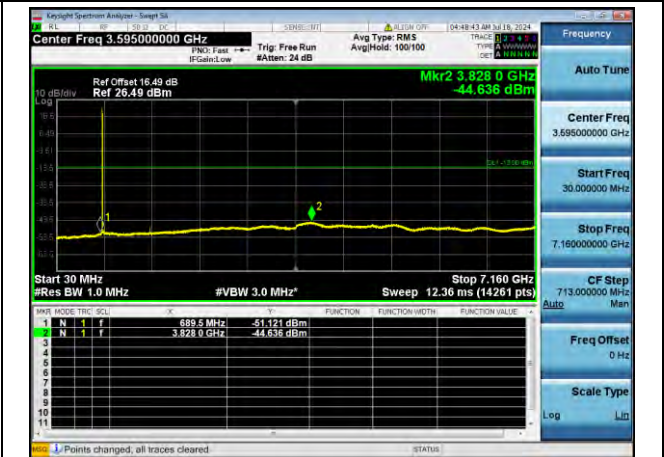


LTE FDD Band 12, Nominal Bandwidth: 10MHz, 1RB#0
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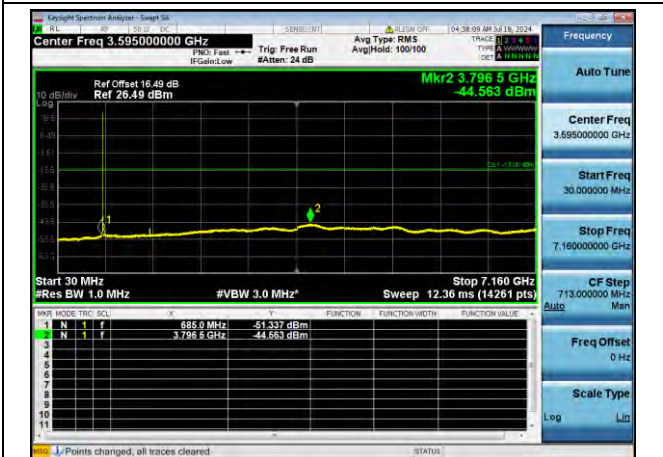
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz



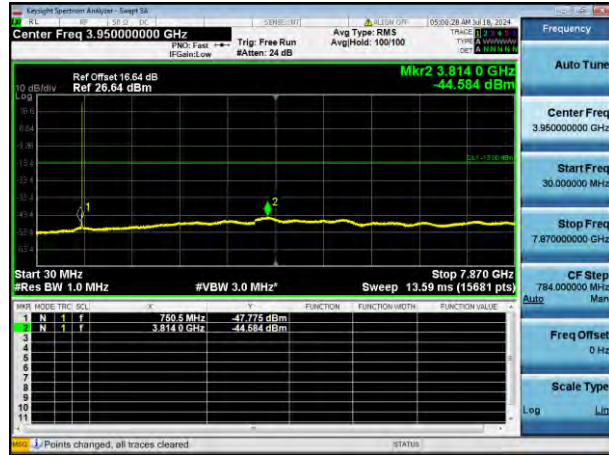
QPSK Middle channel-30MHz~10GHz



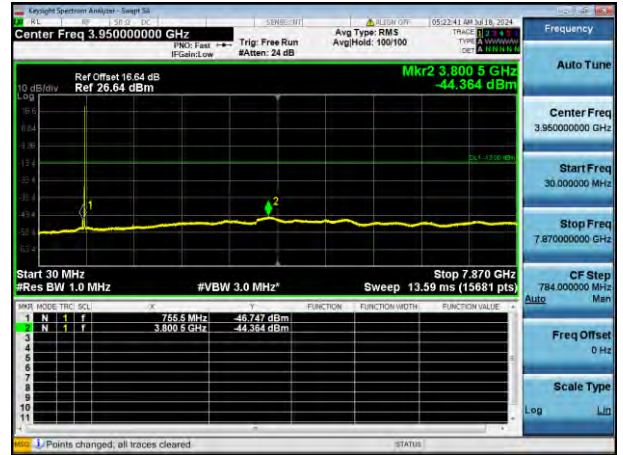
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 13, Nominal Bandwidth: 5.0MHz, 1RB#0

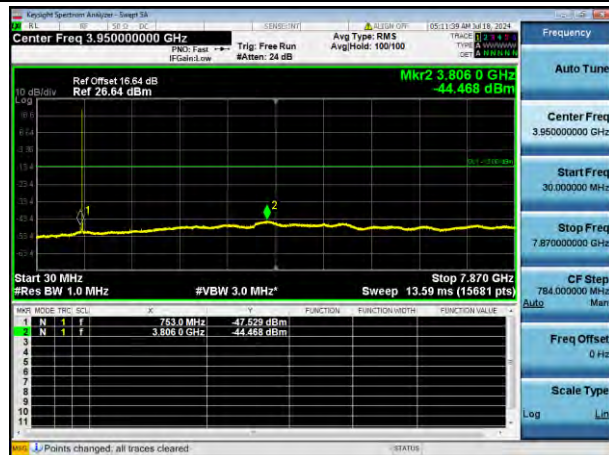
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

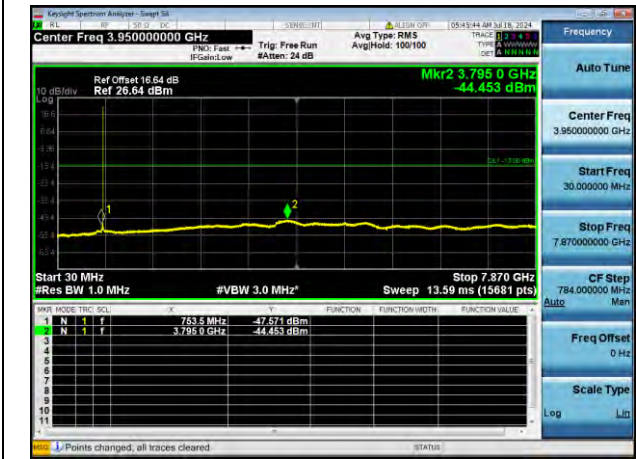


QPSK Middle channel-30MHz~10GHz



LTE FDD Band 13, Nominal Bandwidth: 10MHz, 1RB#0

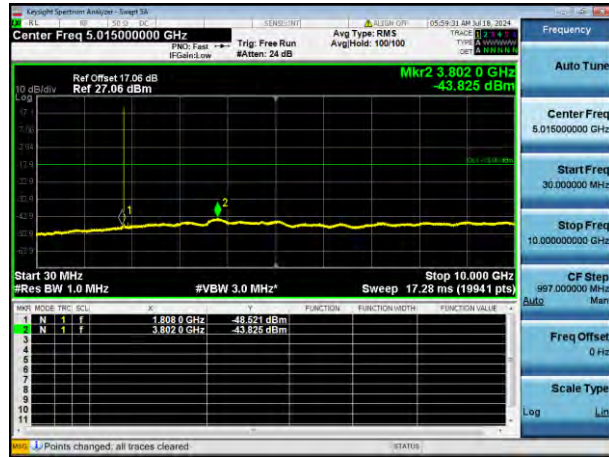
QPSK Middle channel-30MHz~10GHz



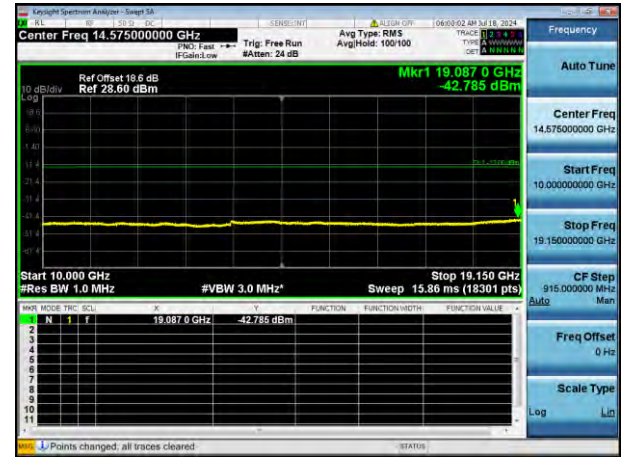
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 25, Nominal Bandwidth: 1.4MHz, 1RB#0

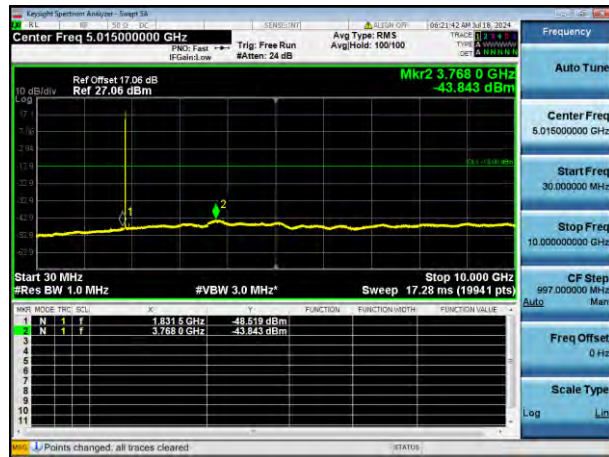
QPSK Low channel-30MHz~10GHz



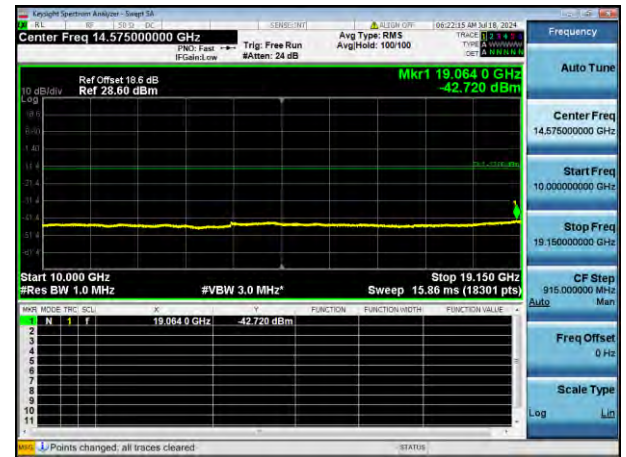
QPSK Low channel-10GHz~20GHz



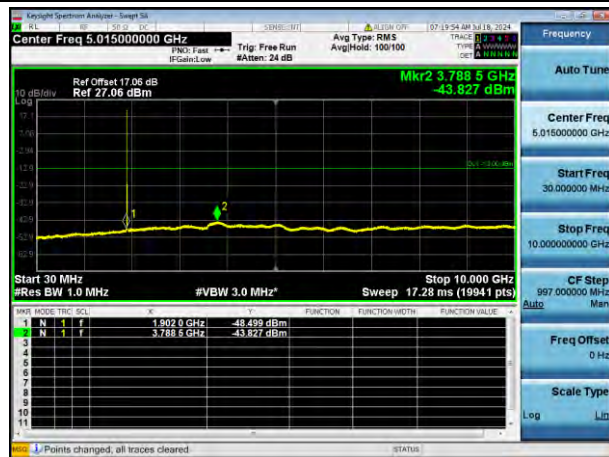
QPSK Middle channel-30MHz~10GHz



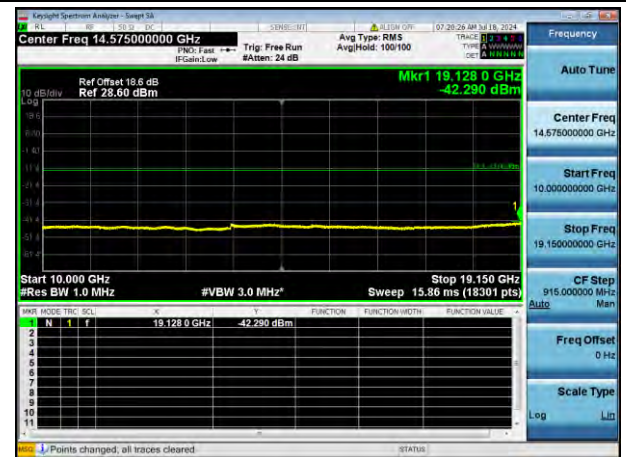
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

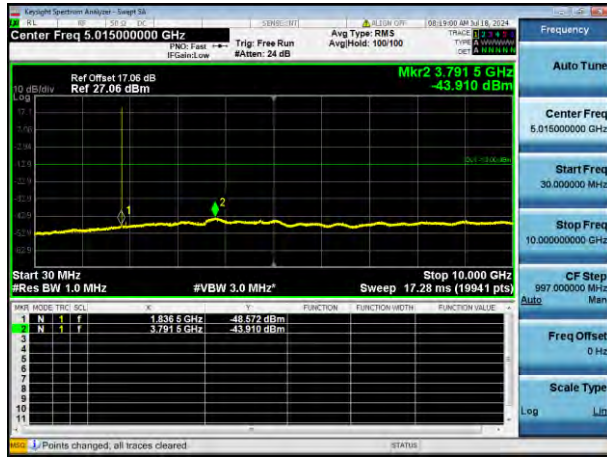


QPSK High channel-10GHz~20GHz

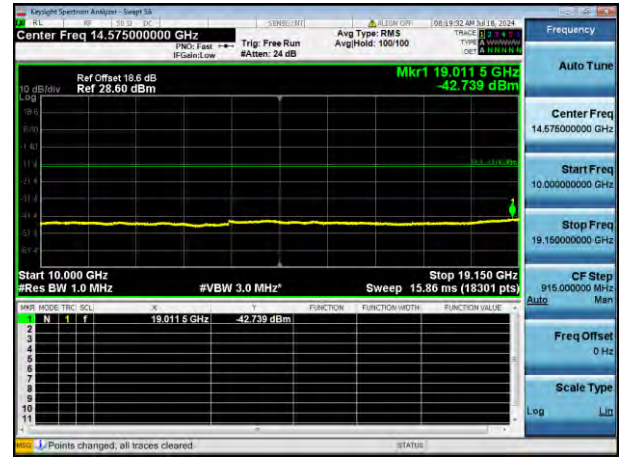


LTE FDD Band 25, Nominal Bandwidth: 3.0MHz, 1RB#0

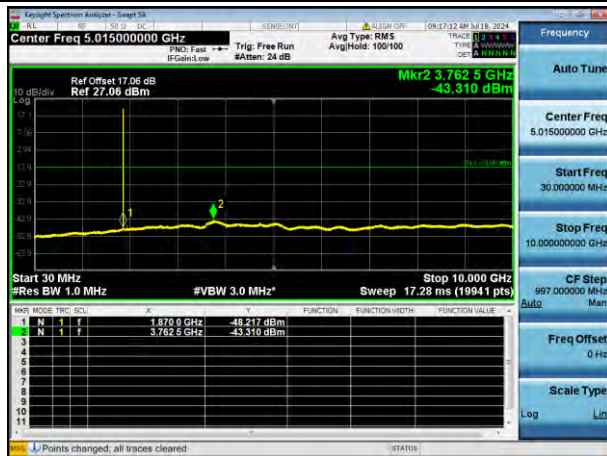
QPSK Low channel-30MHz~10GHz



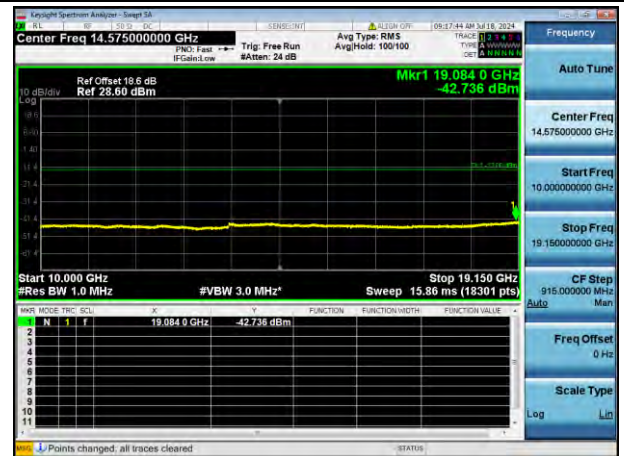
QPSK Low channel-10GHz~20GHz



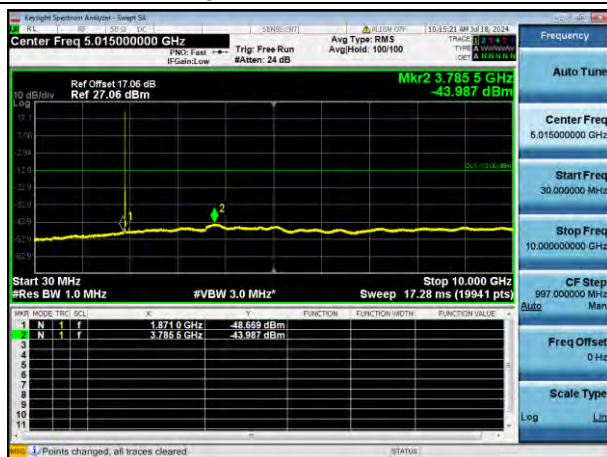
QPSK Middle channel-30MHz~10GHz



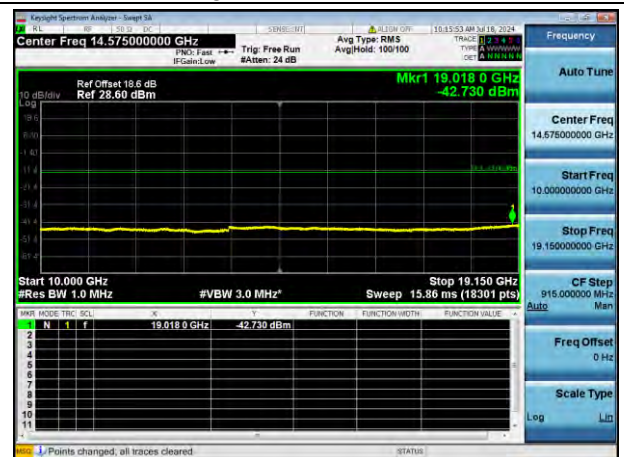
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

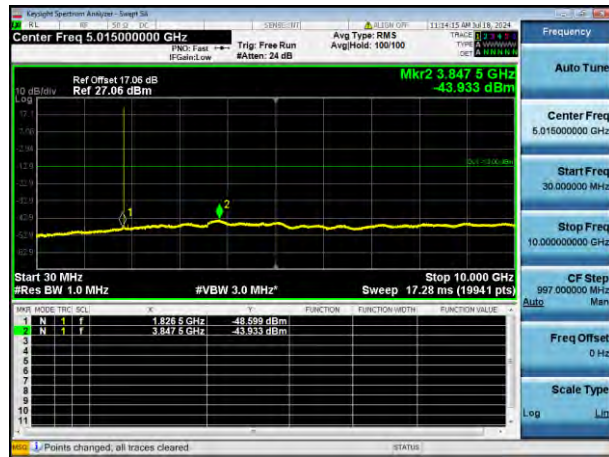


QPSK High channel-10GHz~20GHz

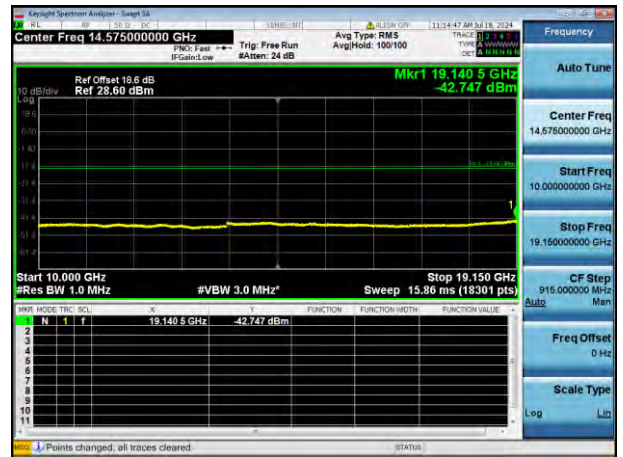


LTE FDD Band 25, Nominal Bandwidth: 5.0MHz, 1RB#0

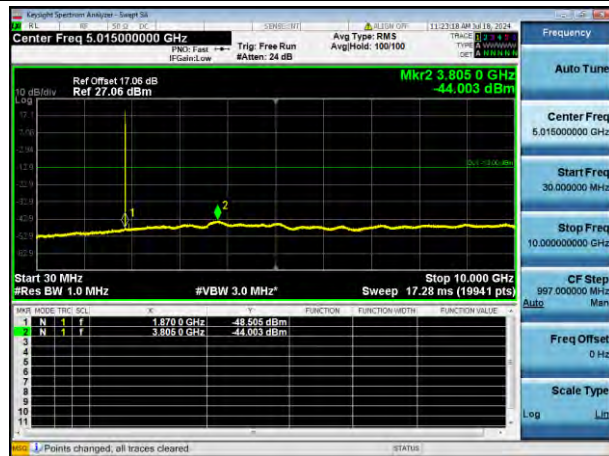
QPSK Low channel-30MHz~10GHz



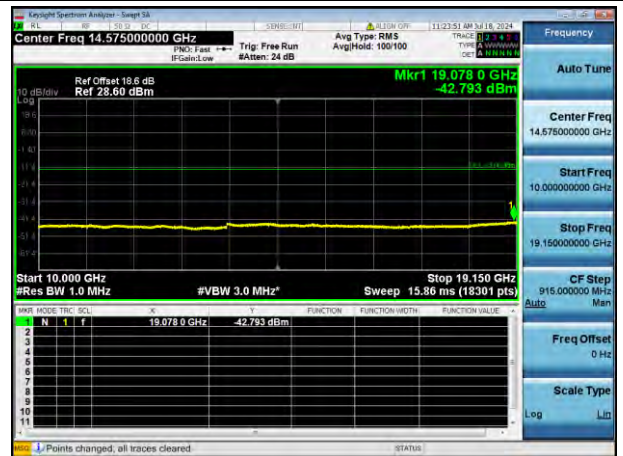
QPSK Low channel-10GHz~20GHz



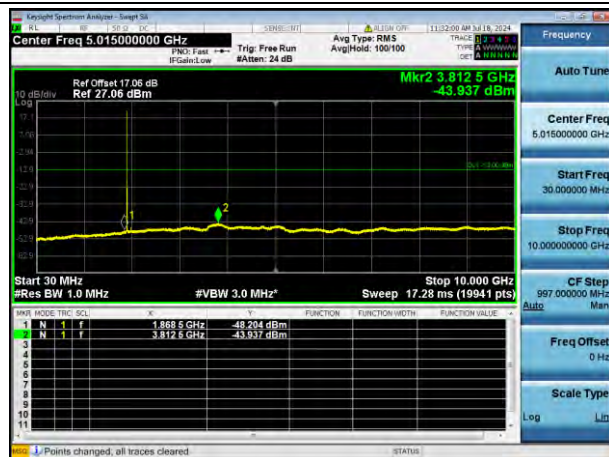
QPSK Middle channel-30MHz~10GHz



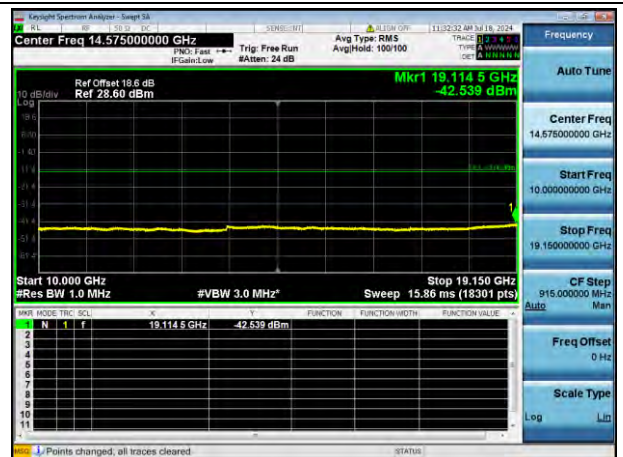
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

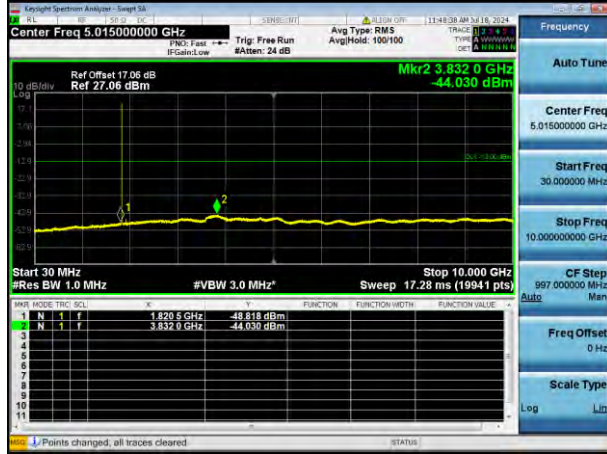


QPSK High channel-10GHz~20GHz

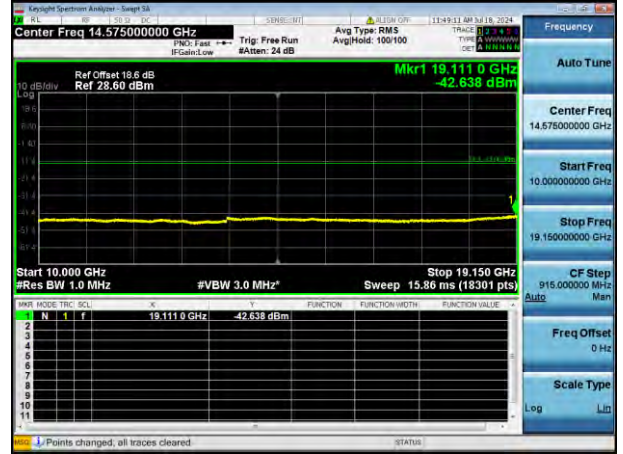


LTE FDD Band 25, Nominal Bandwidth: 10MHz, 1RB#0

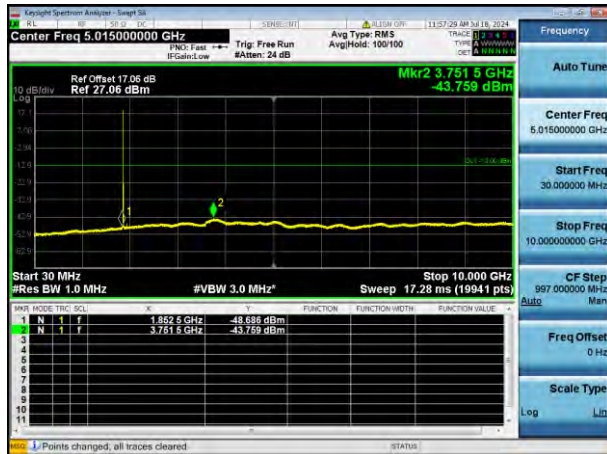
QPSK Low channel-30MHz~10GHz



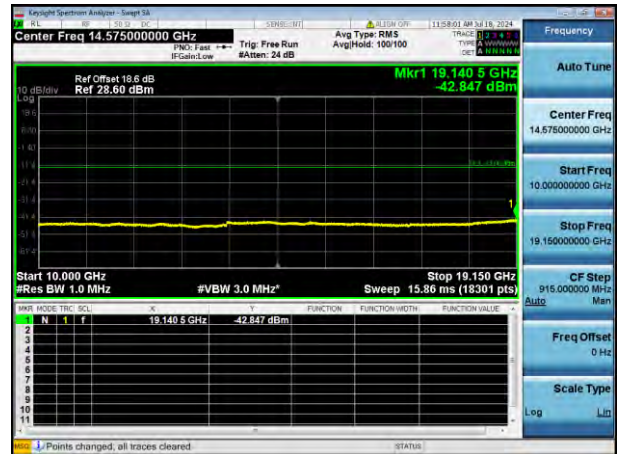
QPSK Low channel-10GHz~20GHz



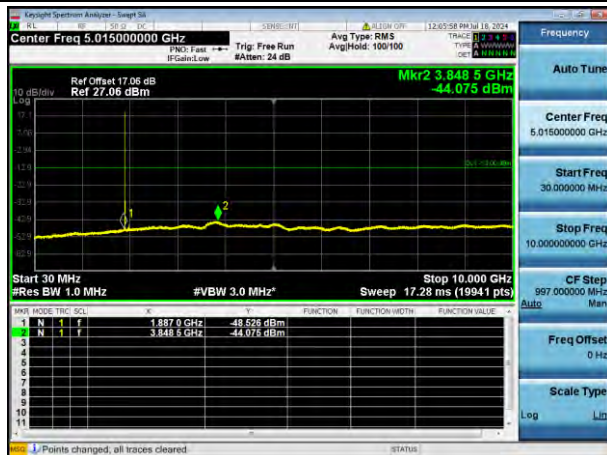
QPSK Middle channel-30MHz~10GHz



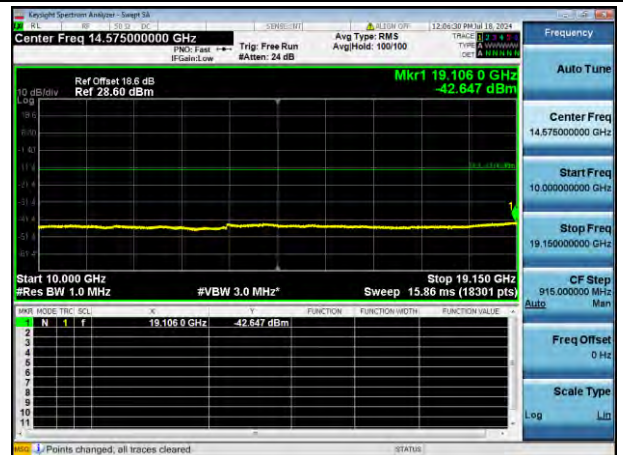
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

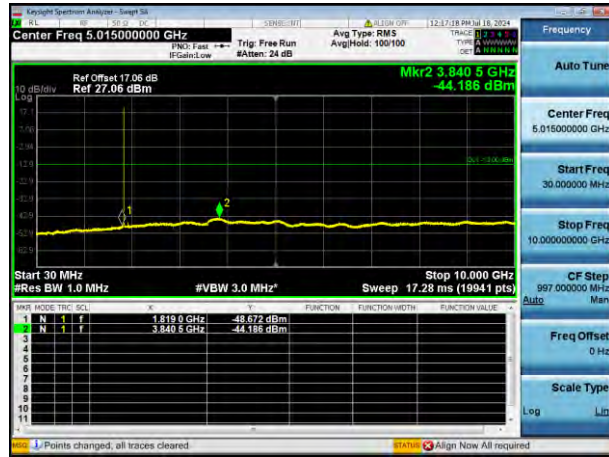


QPSK High channel-10GHz~20GHz

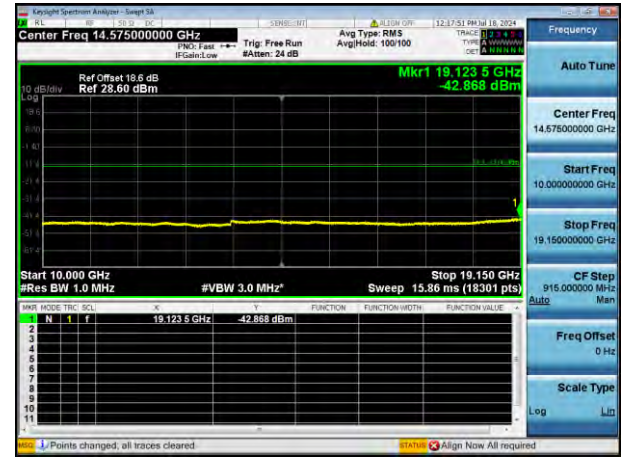


LTE FDD Band 25, Nominal Bandwidth: 15MHz, 1RB#0

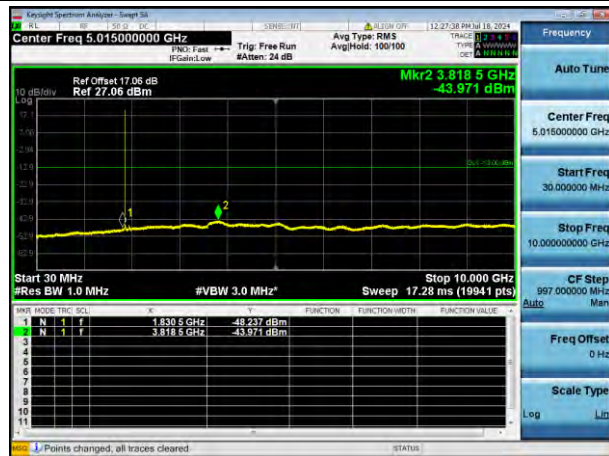
QPSK Low channel-30MHz~10GHz



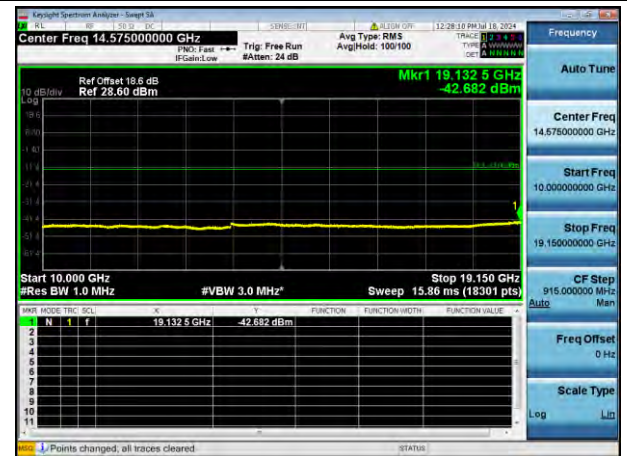
QPSK Low channel-10GHz~20GHz



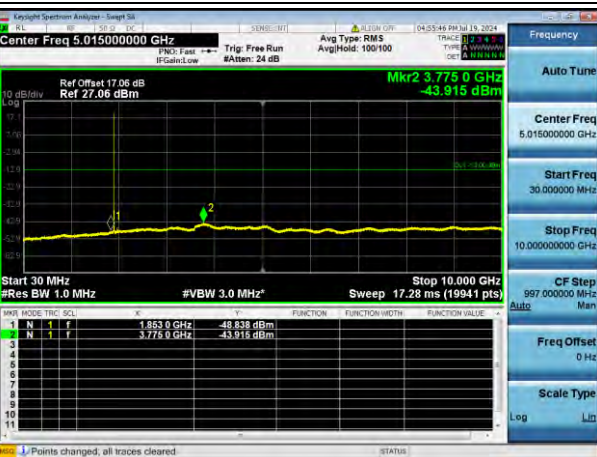
QPSK Middle channel-30MHz~10GHz



QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

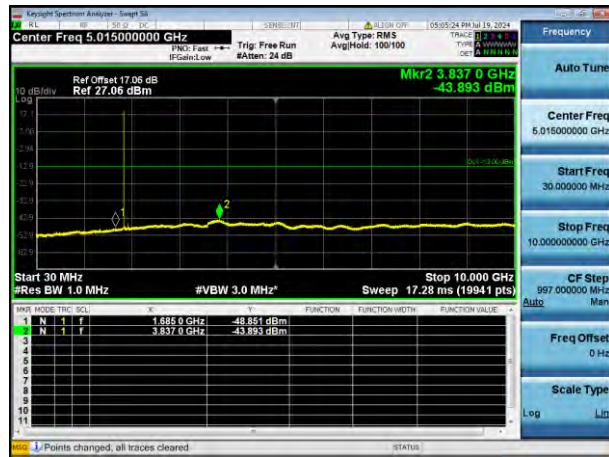


QPSK High channel-10GHz~20GHz

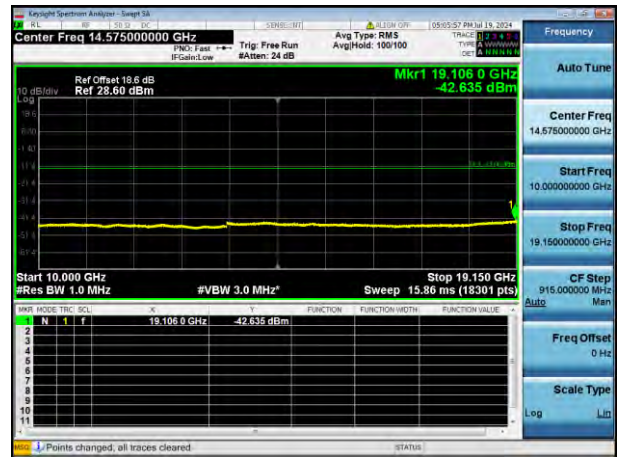


LTE FDD Band 25, Nominal Bandwidth: 20MHz, 1RB#0

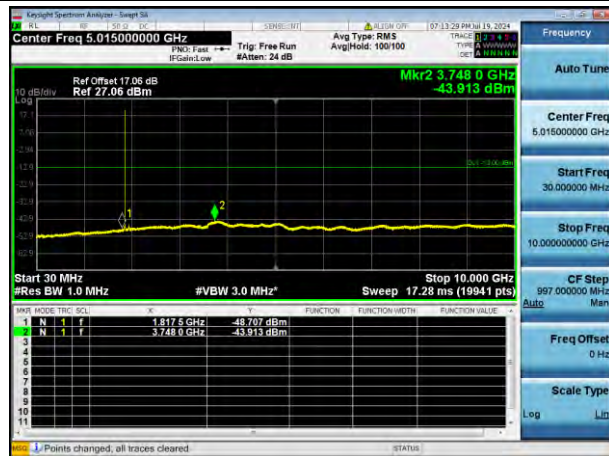
QPSK Low channel-30MHz~10GHz



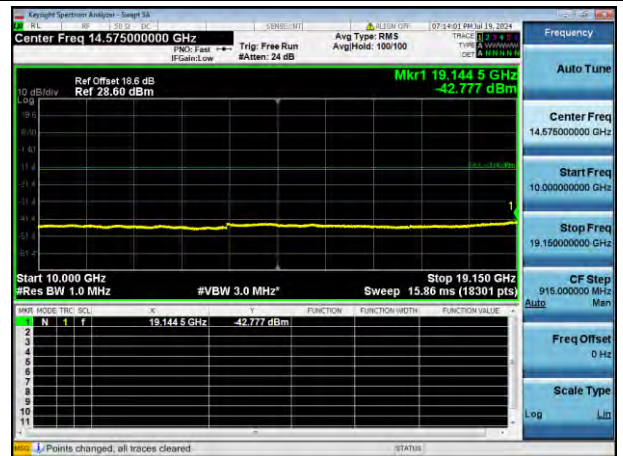
QPSK Low channel-10GHz~20GHz



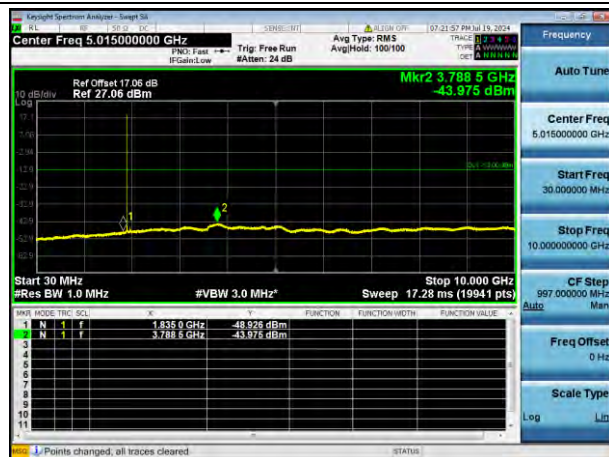
QPSK Middle channel-30MHz~10GHz



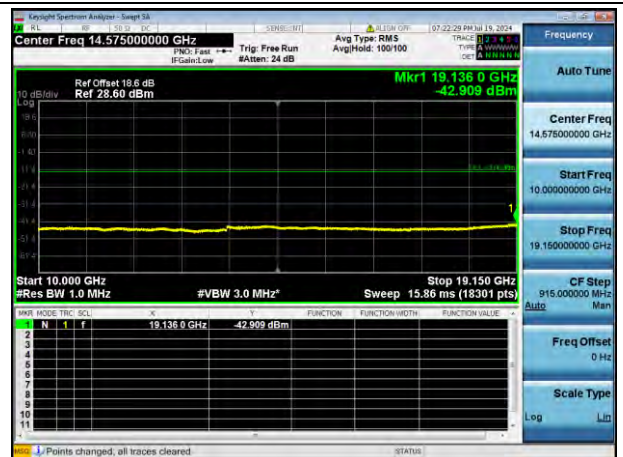
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz



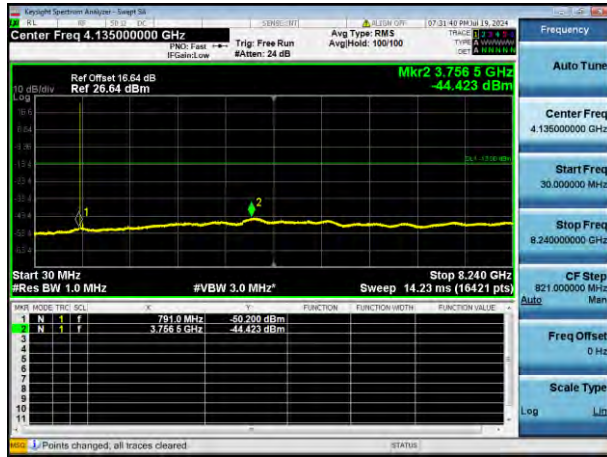
QPSK High channel-10GHz~20GHz



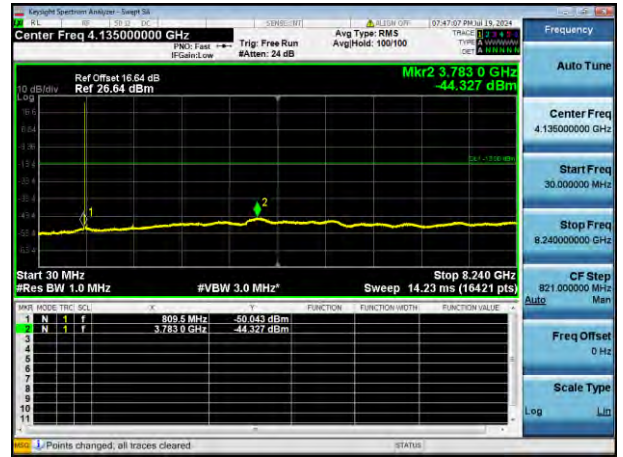
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 26a, Nominal Bandwidth: 1.4MHz, 1RB#0

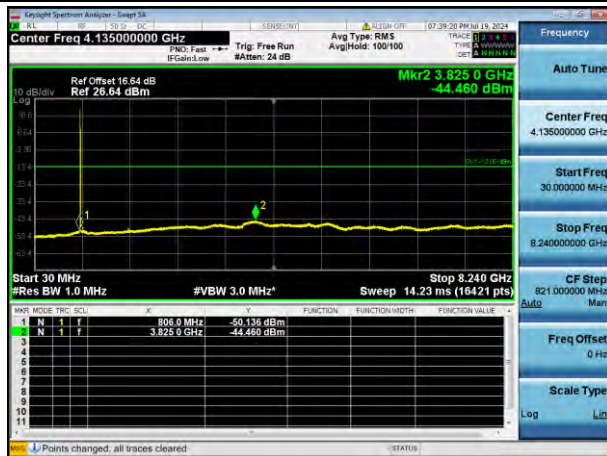
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

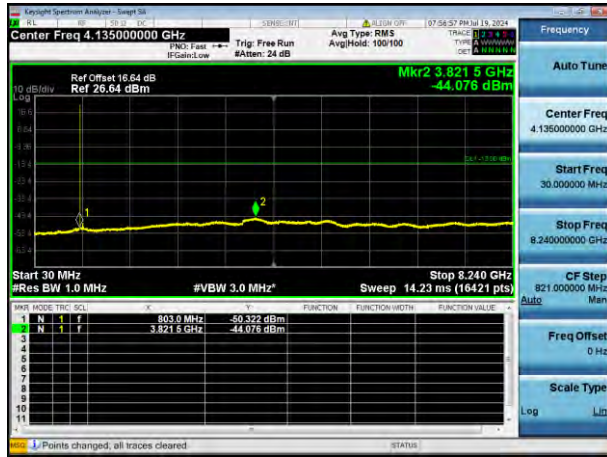


QPSK Middle channel-30MHz~10GHz

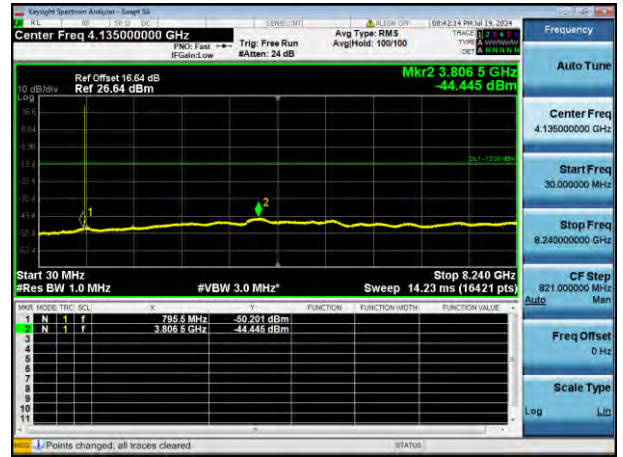


LTE FDD Band 26a, Nominal Bandwidth: 3.0MHz, 1RB#0

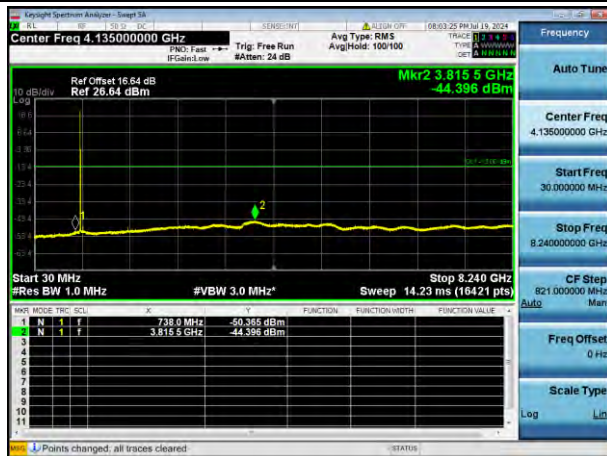
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

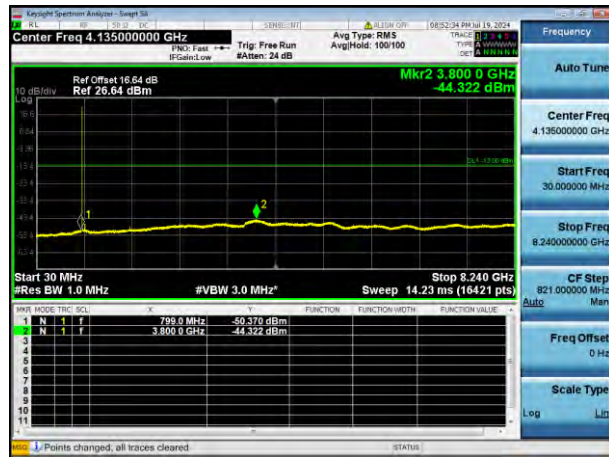


QPSK Middle channel-30MHz~10GHz

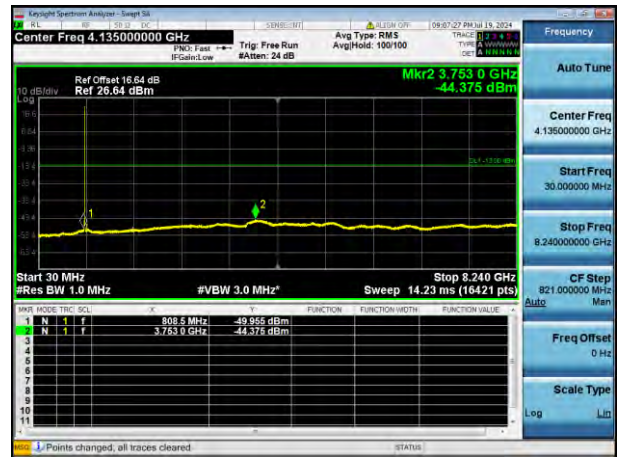


LTE FDD Band 26a, Nominal Bandwidth: 5.0MHz, 1RB#0

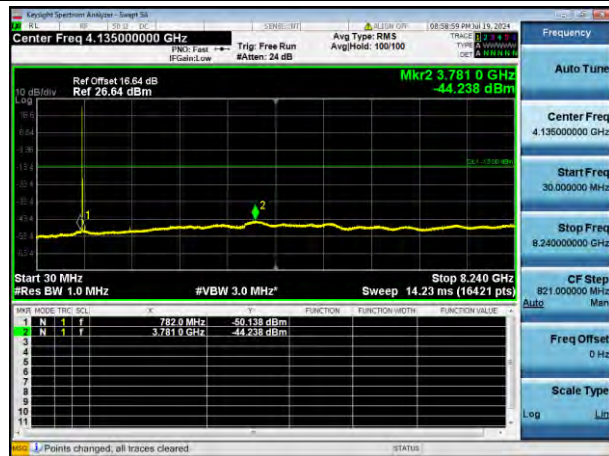
QPSK Low channel-30MHz~10GHz

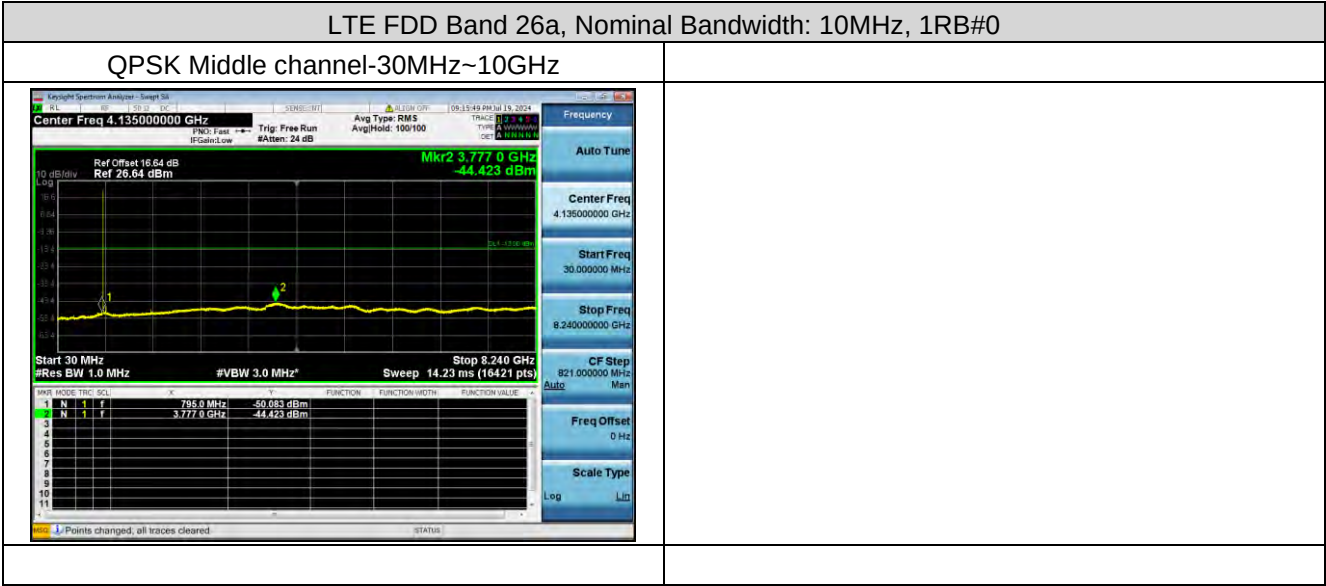


QPSK High channel-30MHz~10GHz



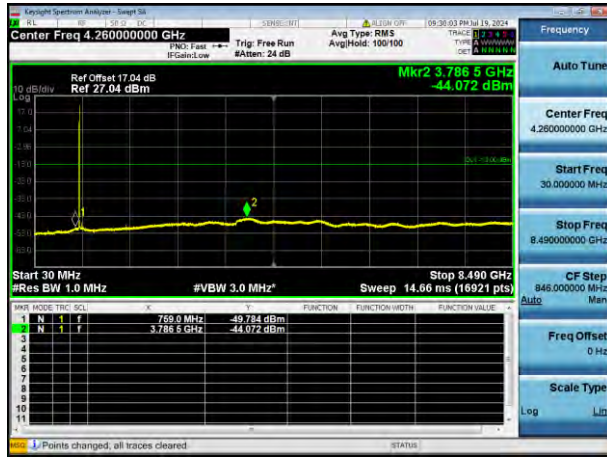
QPSK Middle channel-30MHz~10GHz



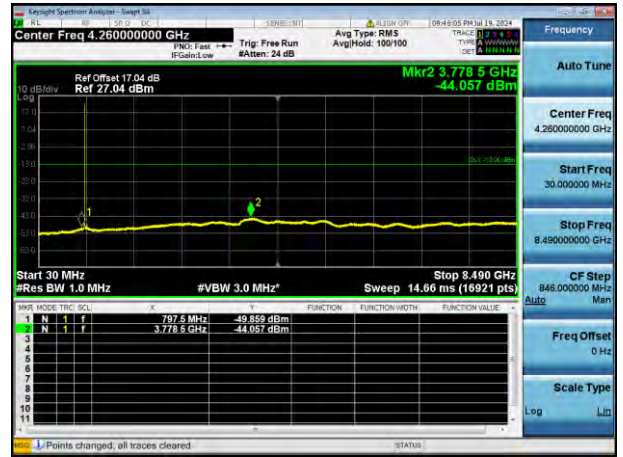


LTE FDD Band 26b, Nominal Bandwidth: 1.4MHz, 1RB#0

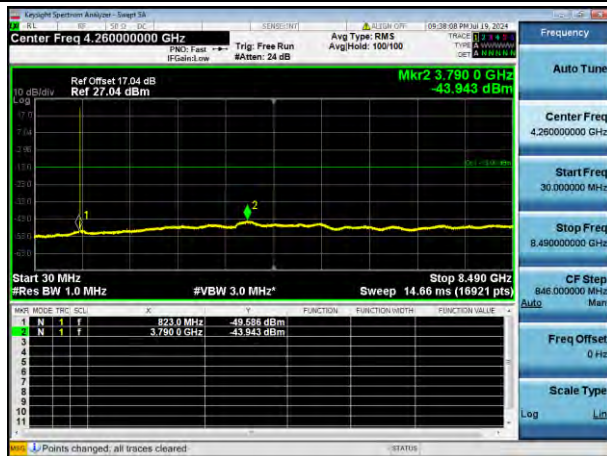
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

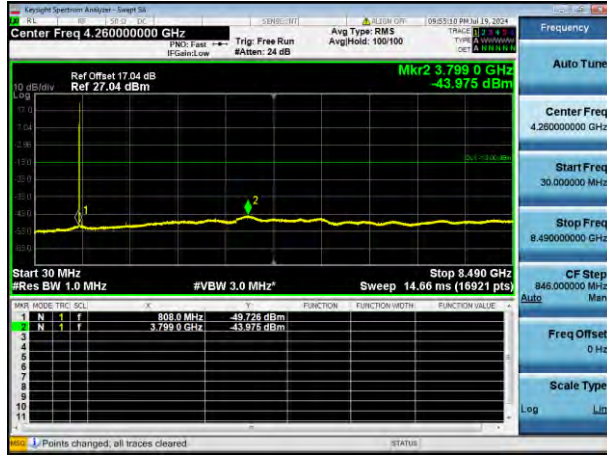


QPSK Middle channel-30MHz~10GHz

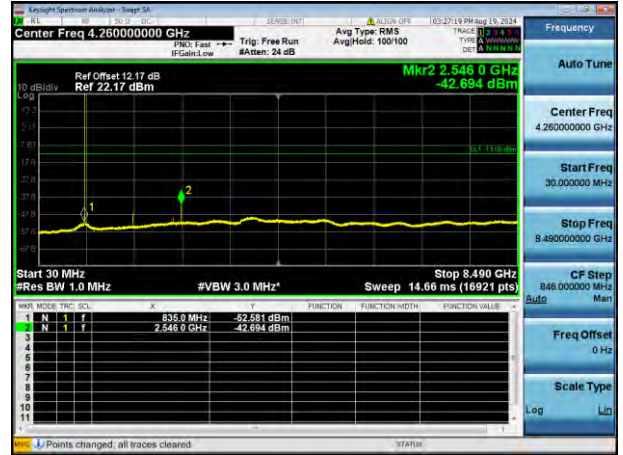


LTE FDD Band 26b, Nominal Bandwidth: 3.0MHz, 1RB#0

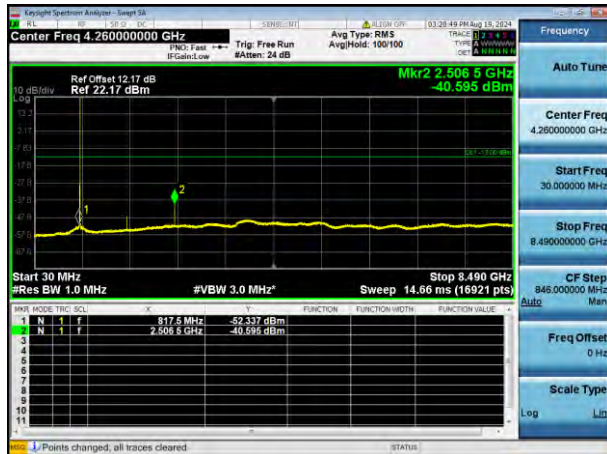
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

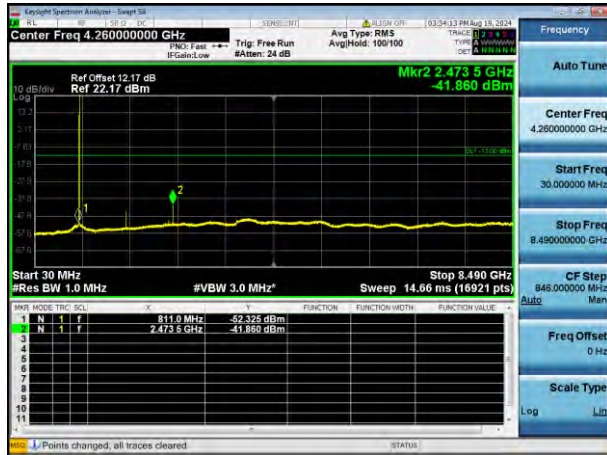


QPSK Middle channel-30MHz~10GHz

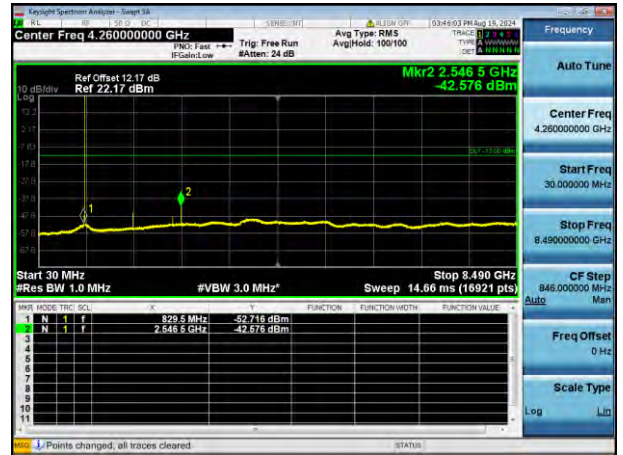


LTE FDD Band 26b, Nominal Bandwidth: 5.0MHz, 1RB#0

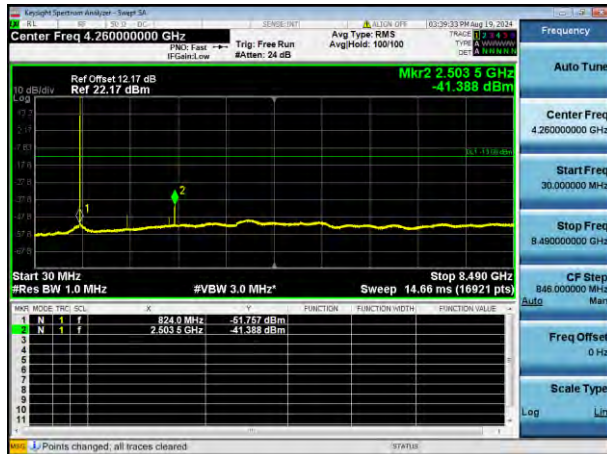
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

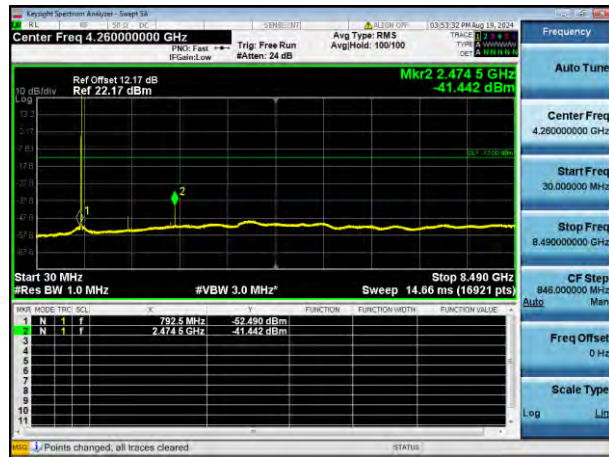


QPSK Middle channel-30MHz~10GHz

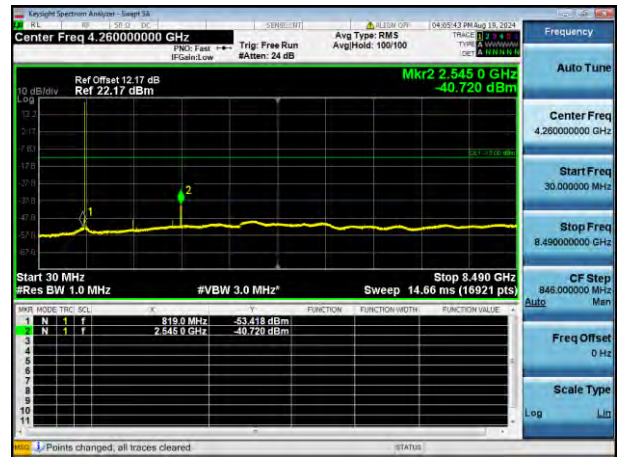


LTE FDD Band 26b, Nominal Bandwidth: 10MHz, 1RB#0

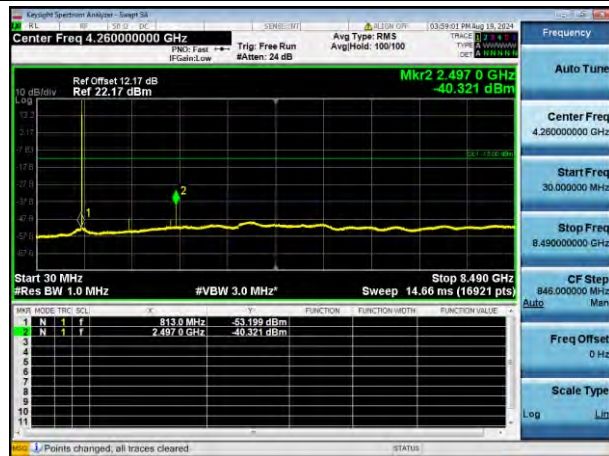
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz

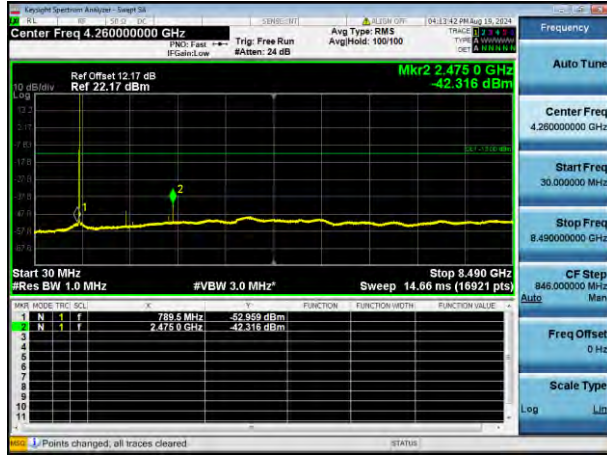


QPSK Middle channel-30MHz~10GHz

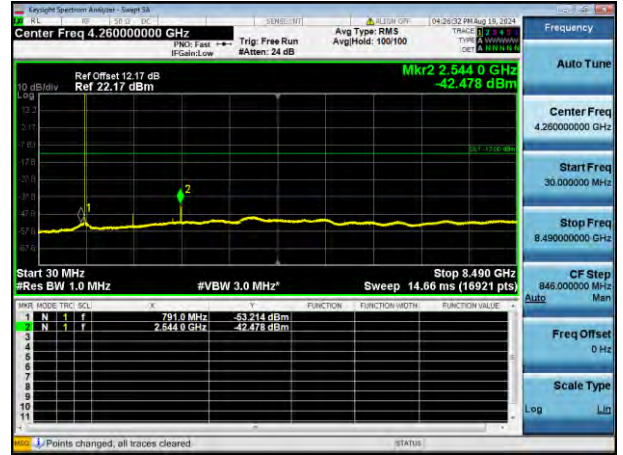


LTE FDD Band 26 cross rule, Nominal Bandwidth: 15MHz, 1RB#0

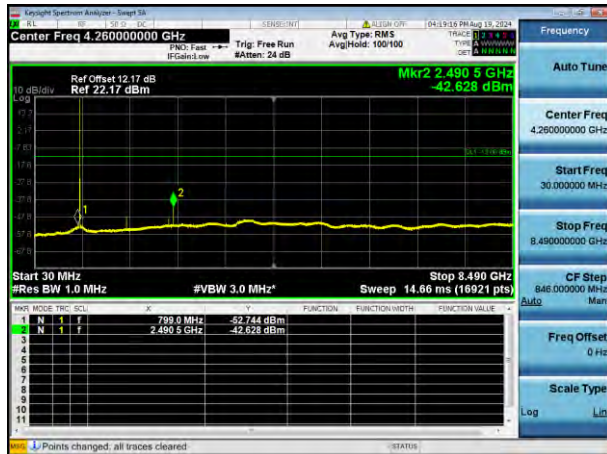
QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz



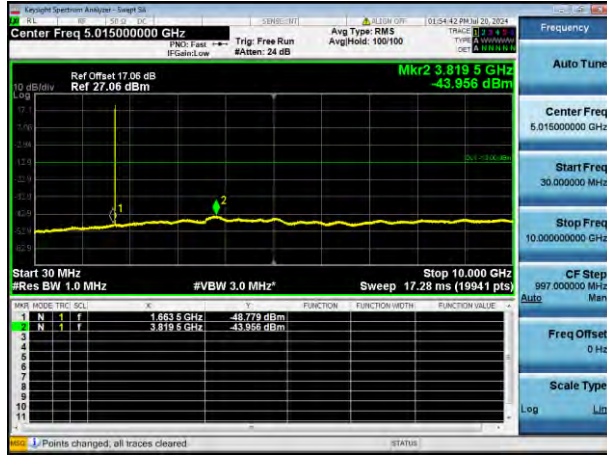
QPSK Middle channel-30MHz~10GHz



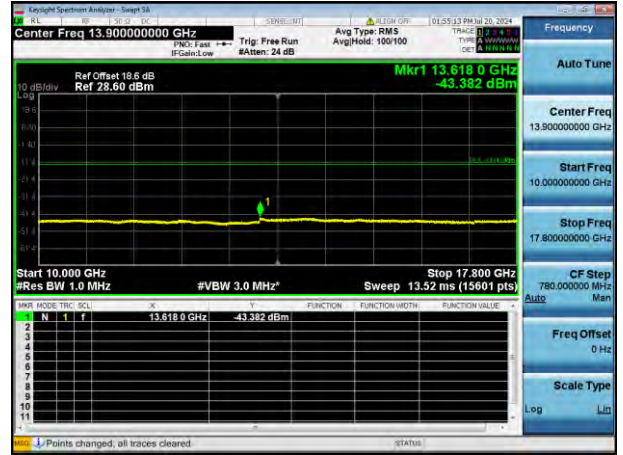
Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 66, Nominal Bandwidth: 1.4MHz, 1RB#0

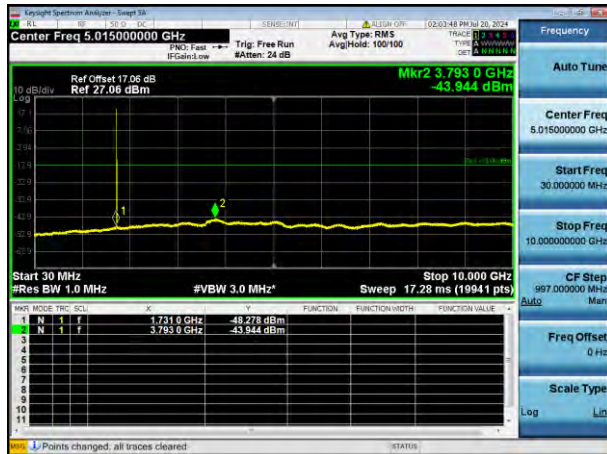
QPSK Low channel-30MHz~10GHz



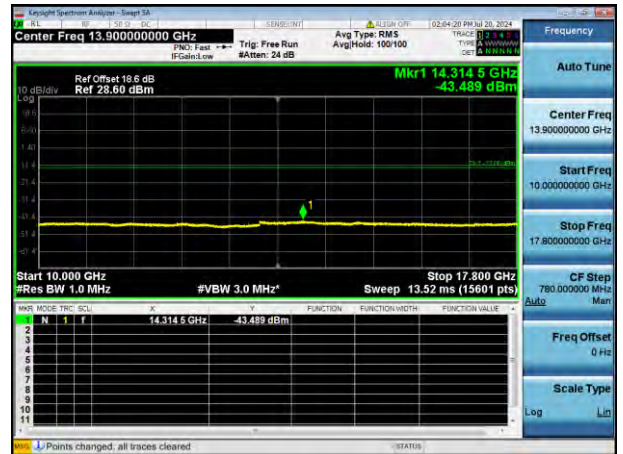
QPSK Low channel-10GHz~20GHz



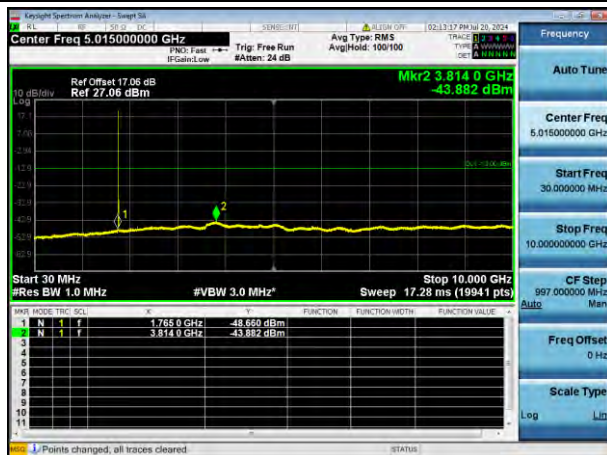
QPSK Middle channel-30MHz~10GHz



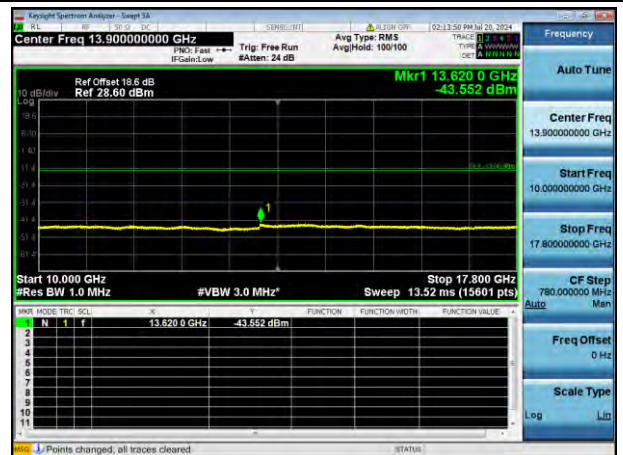
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

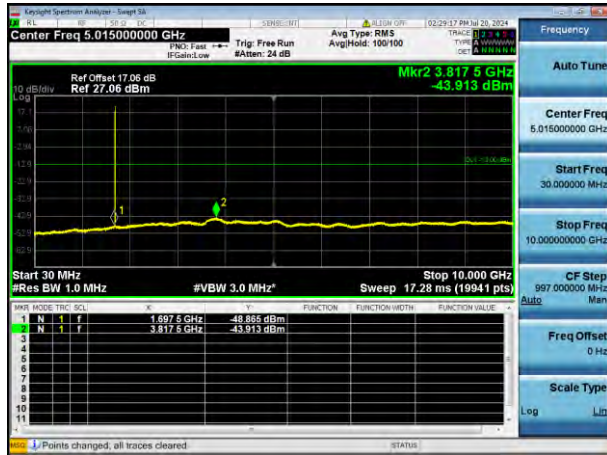


QPSK High channel-10GHz~20GHz

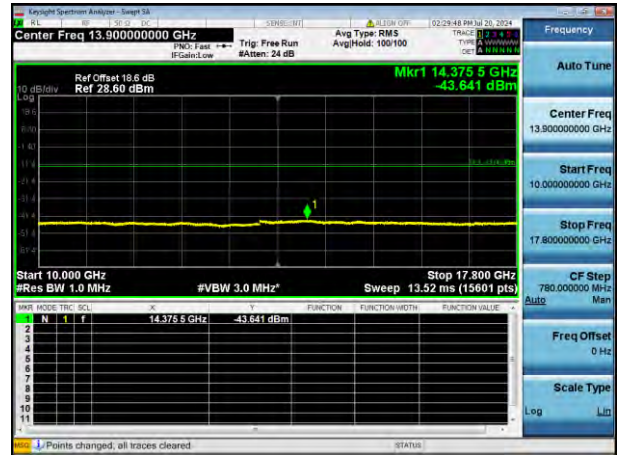


LTE FDD Band 66, Nominal Bandwidth: 3.0MHz, 1RB#0

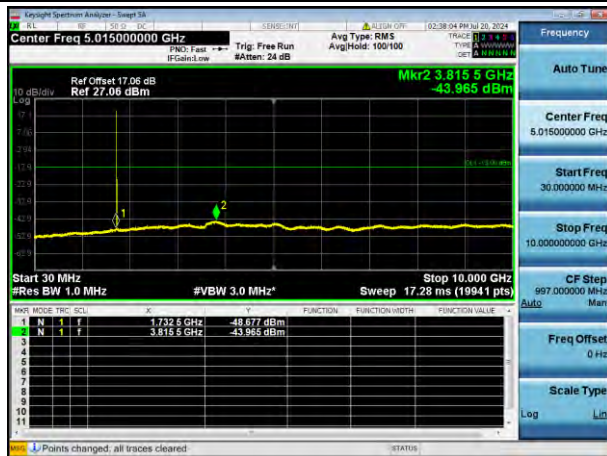
QPSK Low channel-30MHz~10GHz



QPSK Low channel-10GHz~20GHz



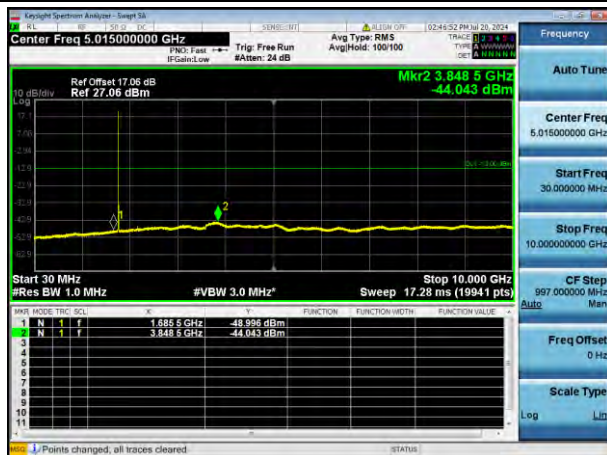
QPSK Middle channel-30MHz~10GHz



QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

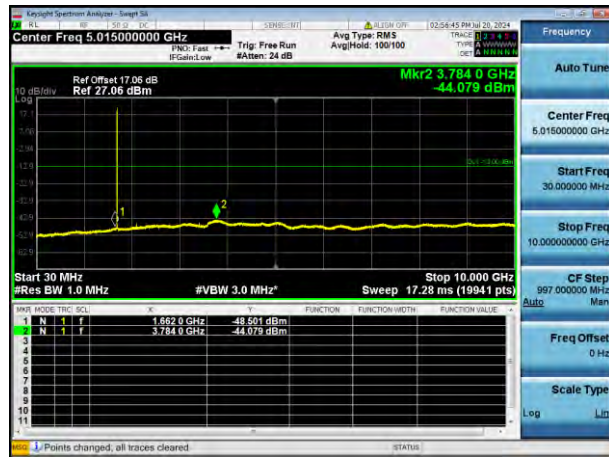


QPSK High channel-10GHz~20GHz

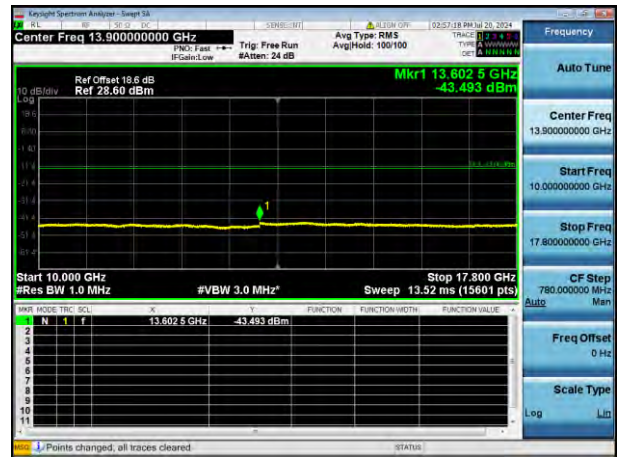


LTE FDD Band 66, Nominal Bandwidth: 5.0MHz, 1RB#0

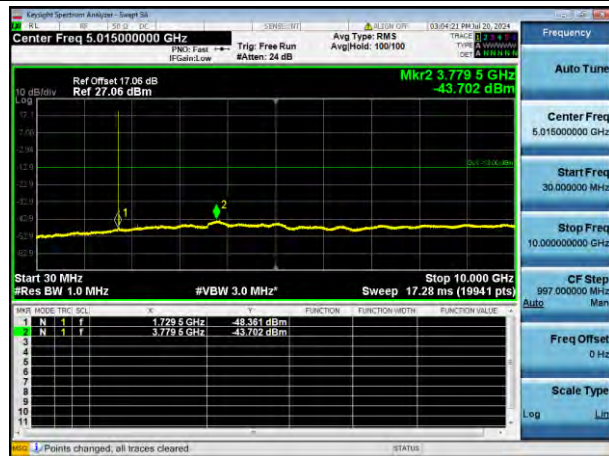
QPSK Low channel-30MHz~10GHz



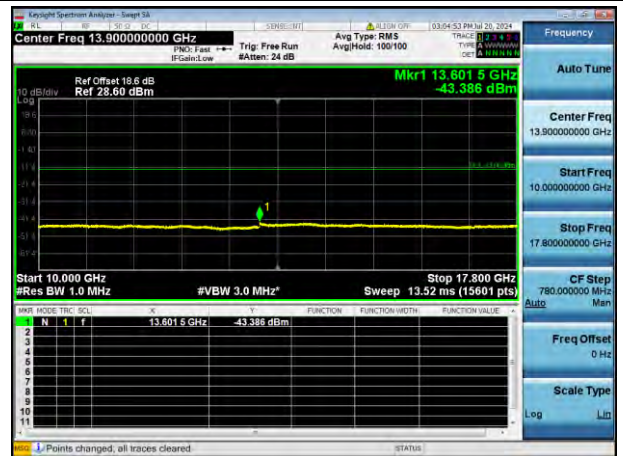
QPSK Low channel-10GHz~20GHz



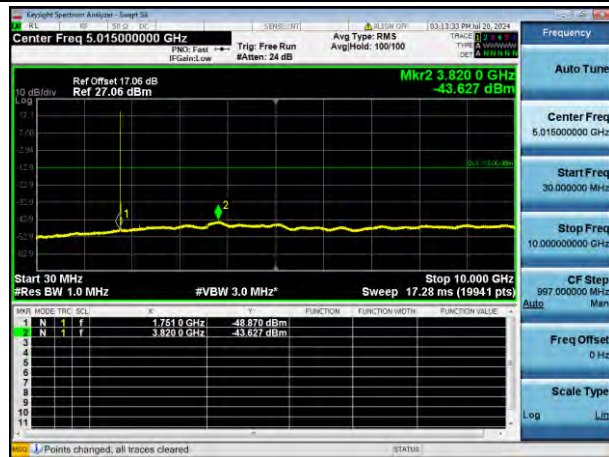
QPSK Middle channel-30MHz~10GHz



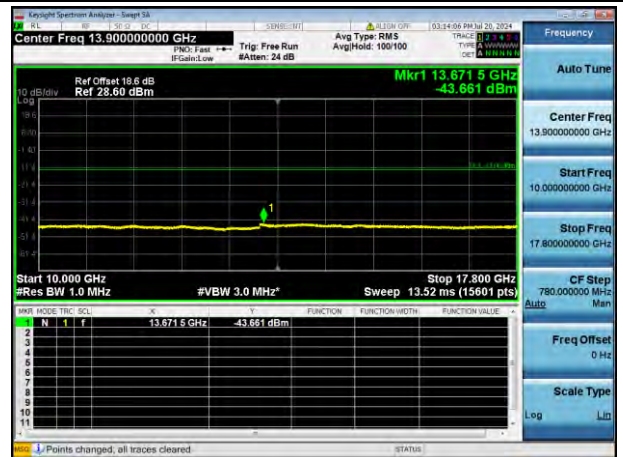
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

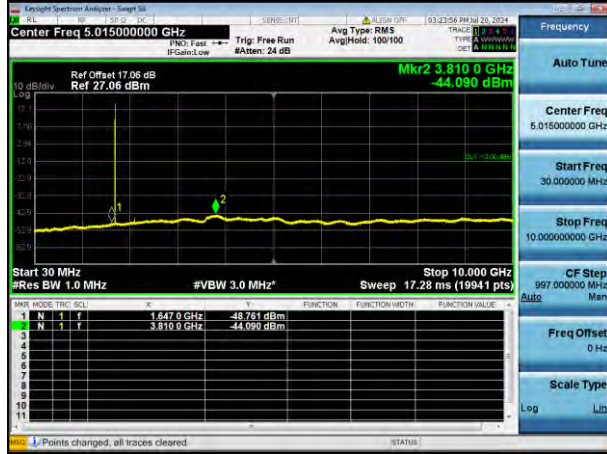


QPSK High channel-10GHz~20GHz

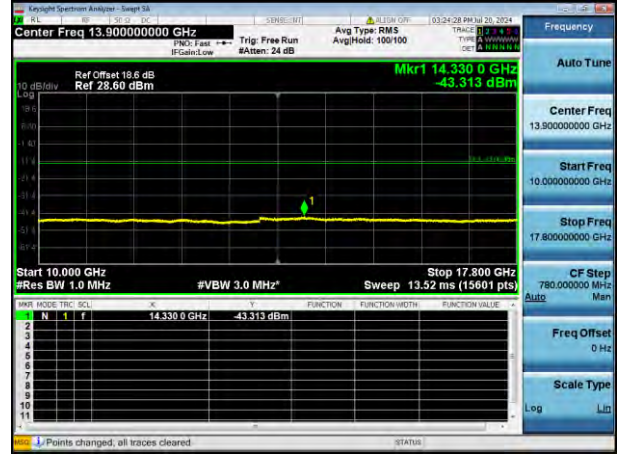


LTE FDD Band 66, Nominal Bandwidth: 10MHz, 1RB#0

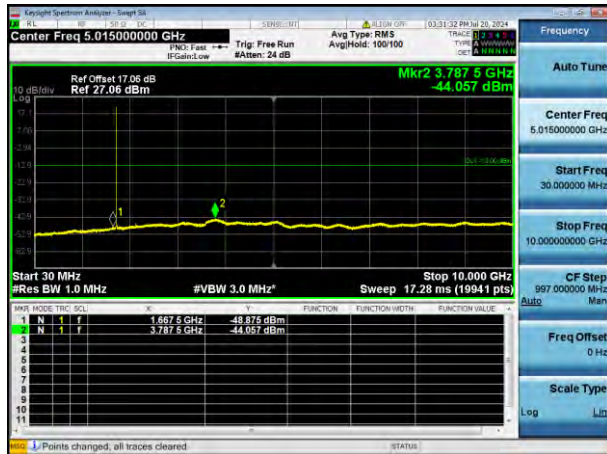
QPSK Low channel-30MHz~10GHz



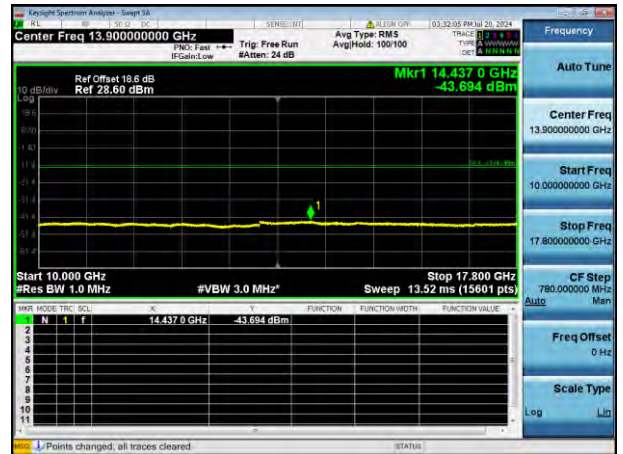
QPSK Low channel-10GHz~20GHz



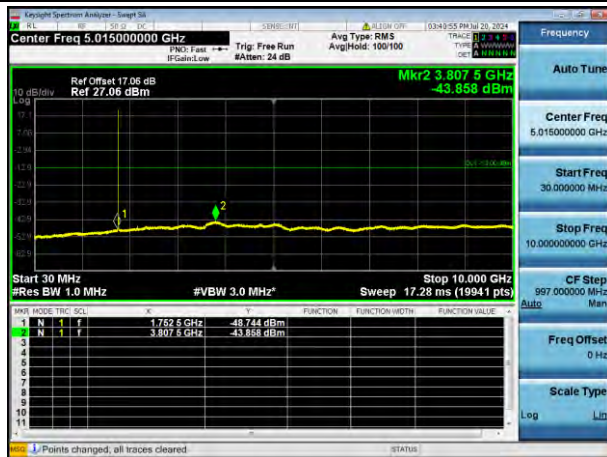
QPSK Middle channel-30MHz~10GHz



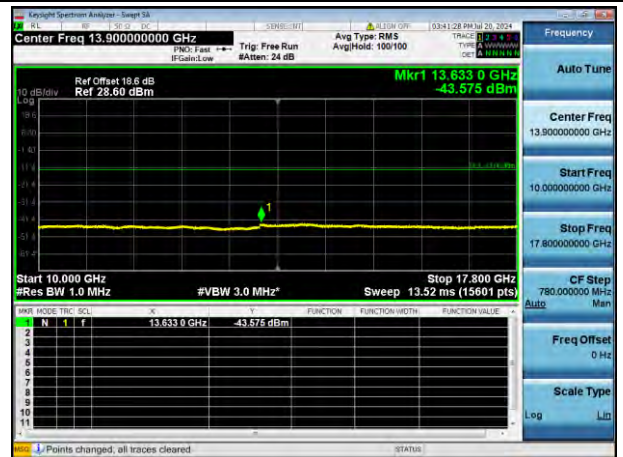
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

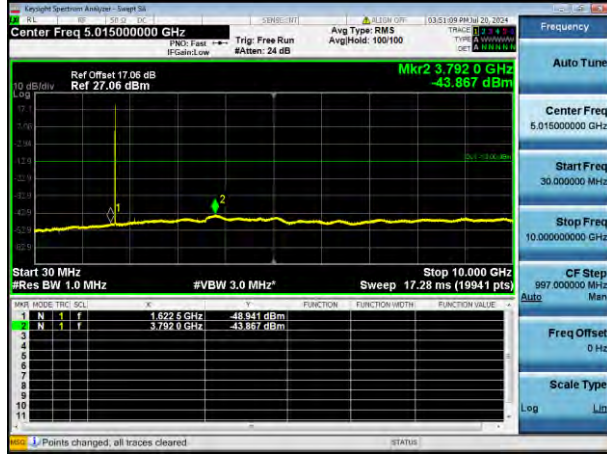


QPSK High channel-10GHz~20GHz

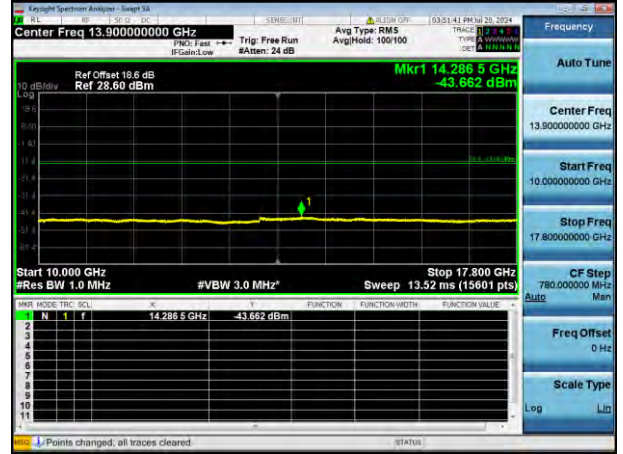


LTE FDD Band 66, Nominal Bandwidth: 15MHz, 1RB#0

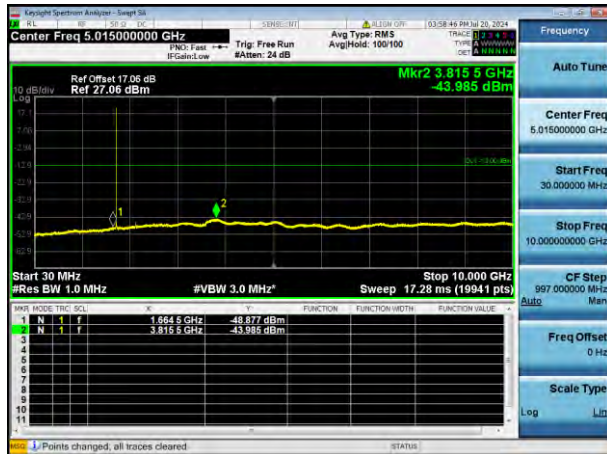
QPSK Low channel-30MHz~10GHz



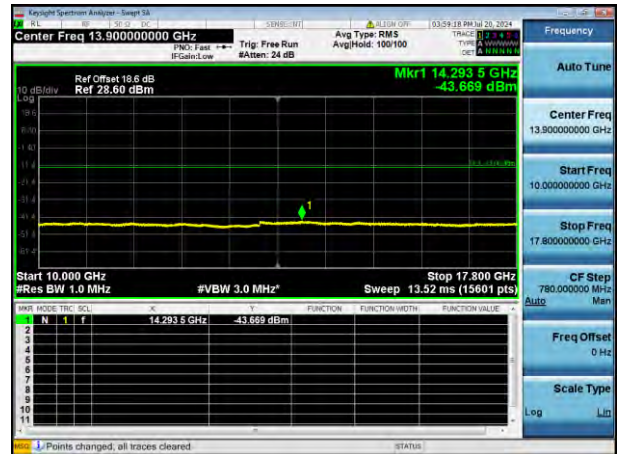
QPSK Low channel-10GHz~20GHz



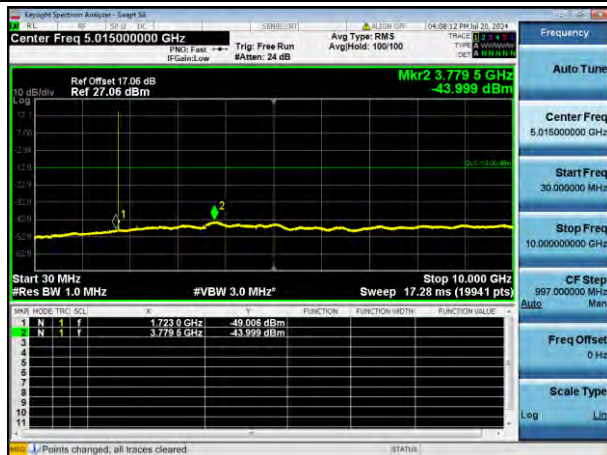
QPSK Middle channel-30MHz~10GHz



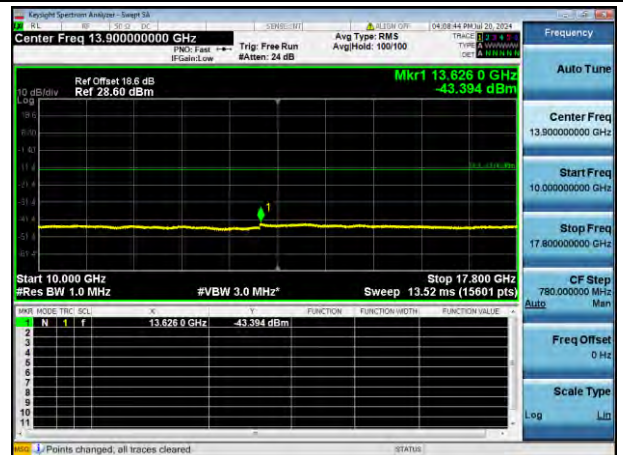
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz

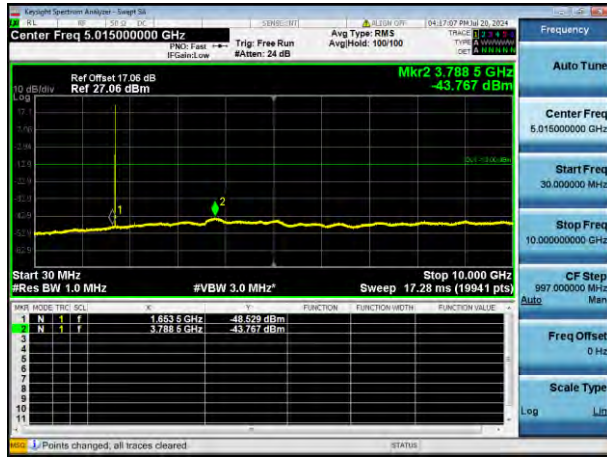


QPSK High channel-10GHz~20GHz

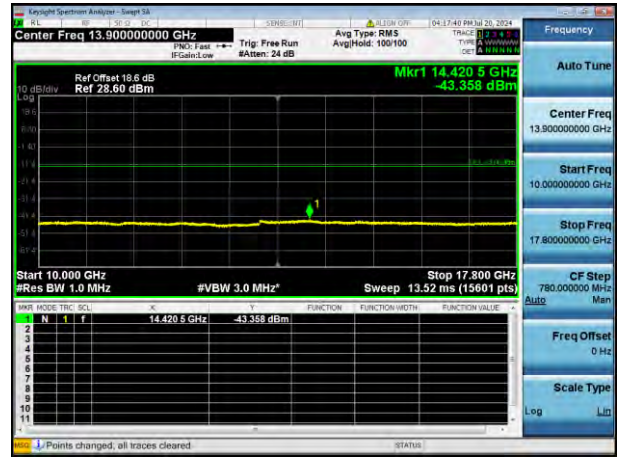


LTE FDD Band 66, Nominal Bandwidth: 20MHz, 1RB#0

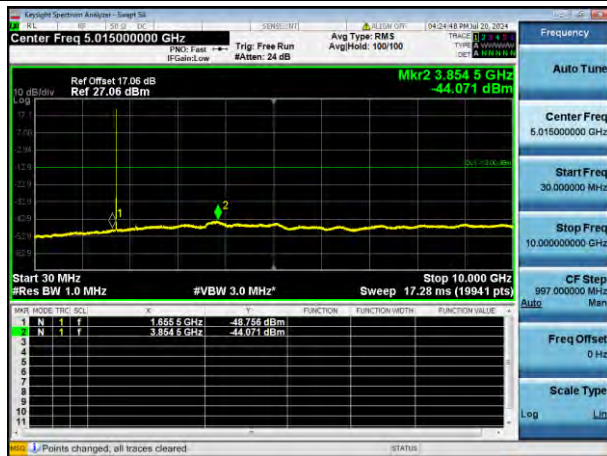
QPSK Low channel-30MHz~10GHz



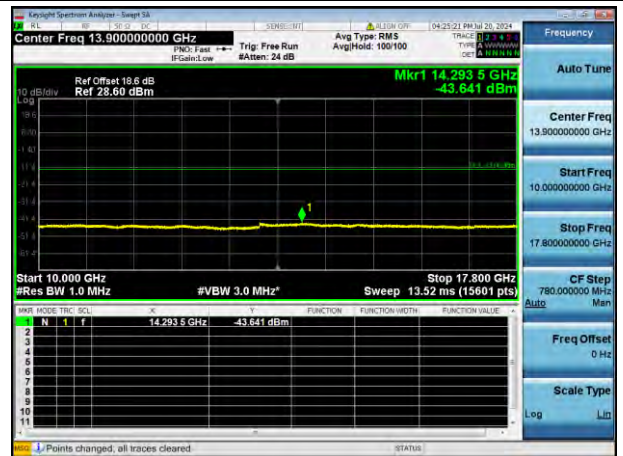
QPSK Low channel-10GHz~20GHz



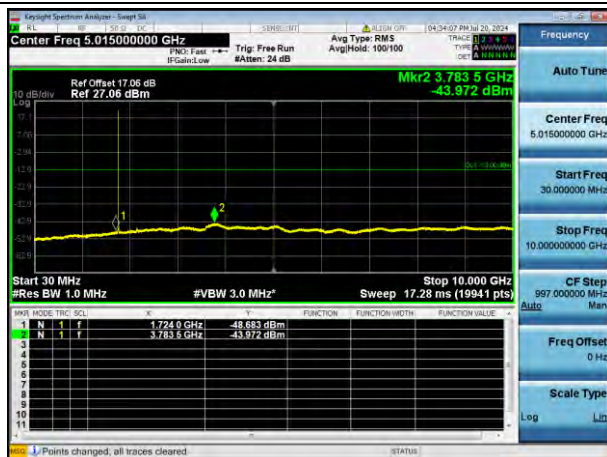
QPSK Middle channel-30MHz~10GHz



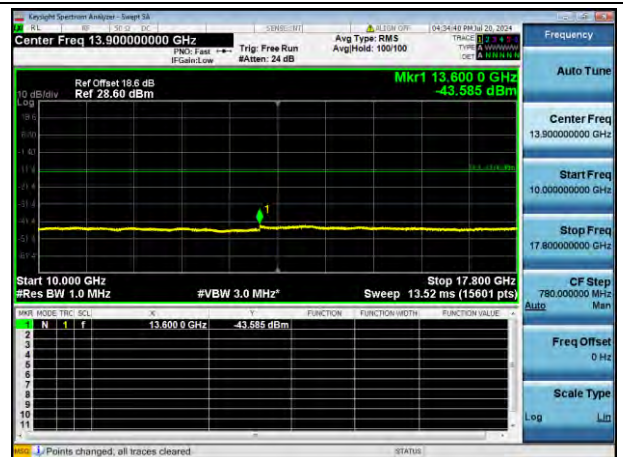
QPSK Middle channel-10GHz~20GHz



QPSK High channel-30MHz~10GHz



QPSK High channel-10GHz~20GHz



Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.

LTE FDD Band 85, Nominal Bandwidth: 5.0MHz, 1RB#0

QPSK Low channel-30MHz~10GHz



LTE FDD Band 85, Nominal Bandwidth: 10MHz, 1RB#0

QPSK Low channel-30MHz~10GHz



QPSK High channel-30MHz~10GHz



QPSK Middle channel-30MHz~10GHz



Note: All modes have been tested and we found QPSK modulation, 1 RB#0 test mode has the worst test result. Only record the worst test result.