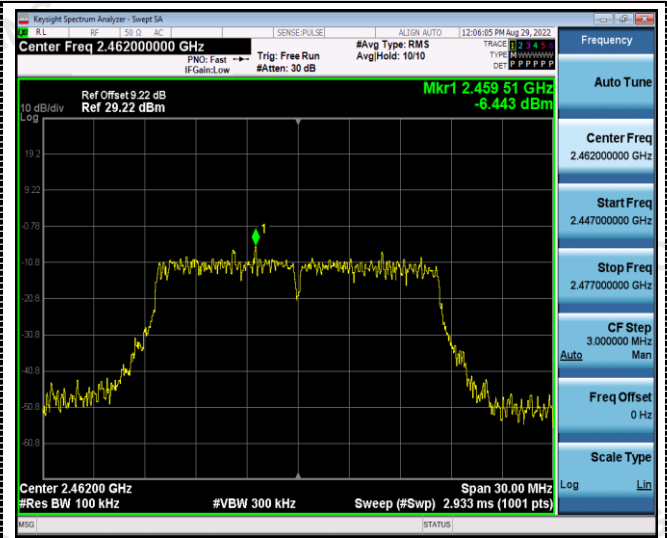


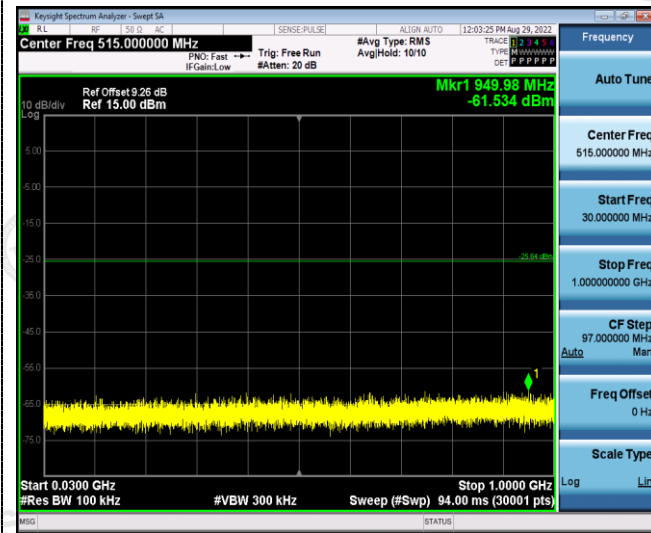
802.11g



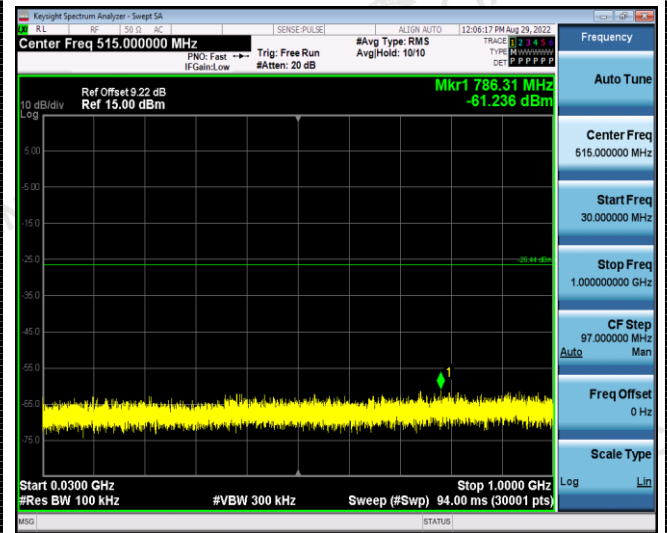
Reference
CH06



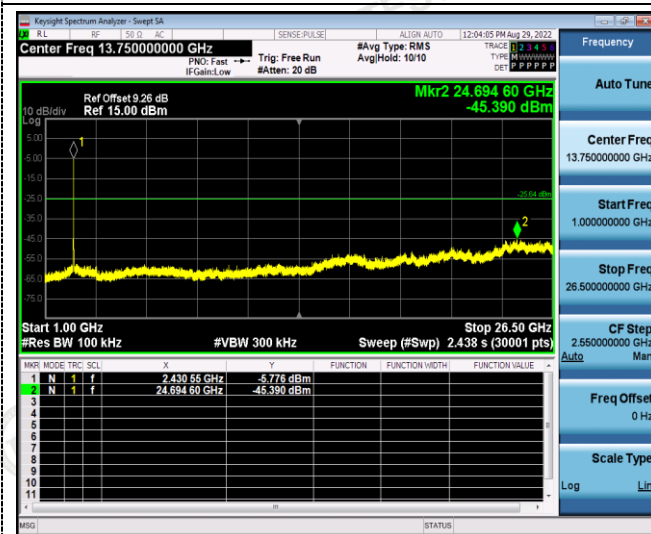
Reference
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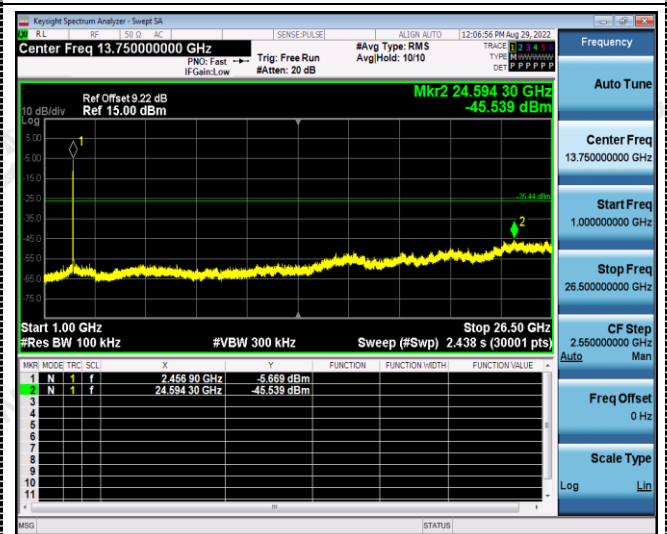
30MHz-3GHz



30MHz-3GHz



3GHz -25GHz



3GHz -25GHz

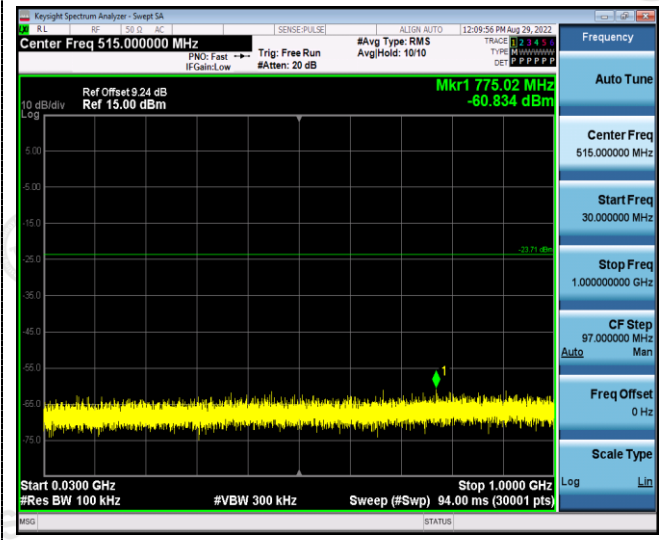
802.11n20



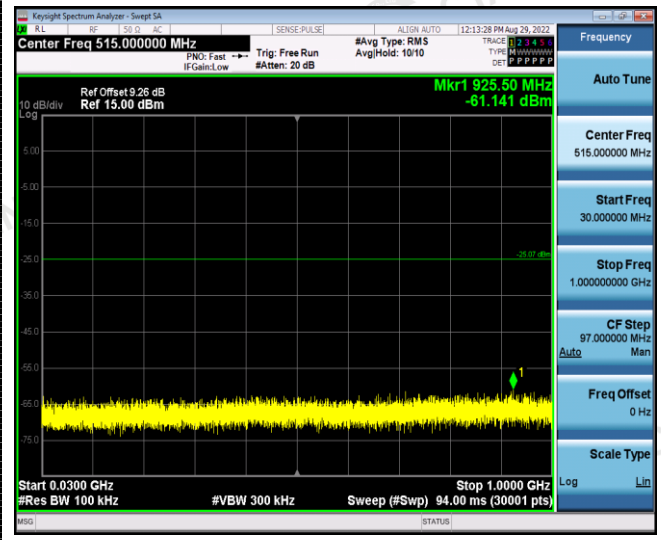
Reference
CH01



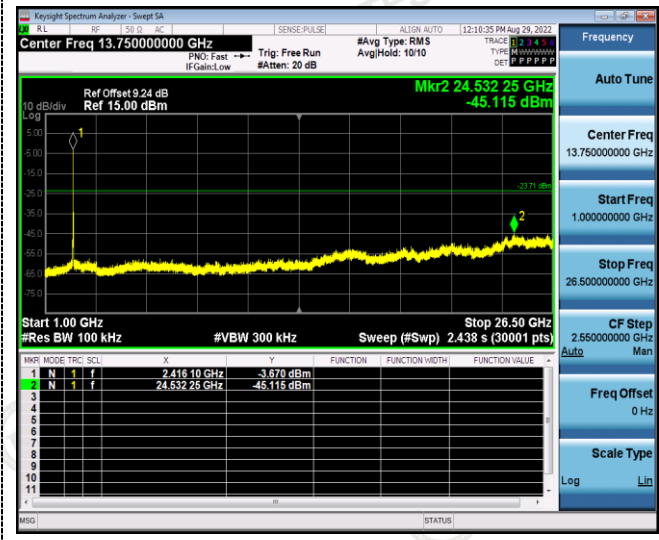
Reference
CH06



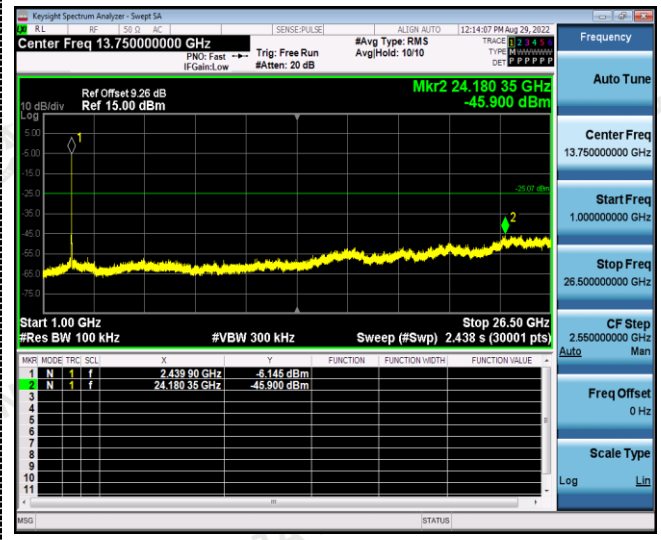
30MHz-3GHz



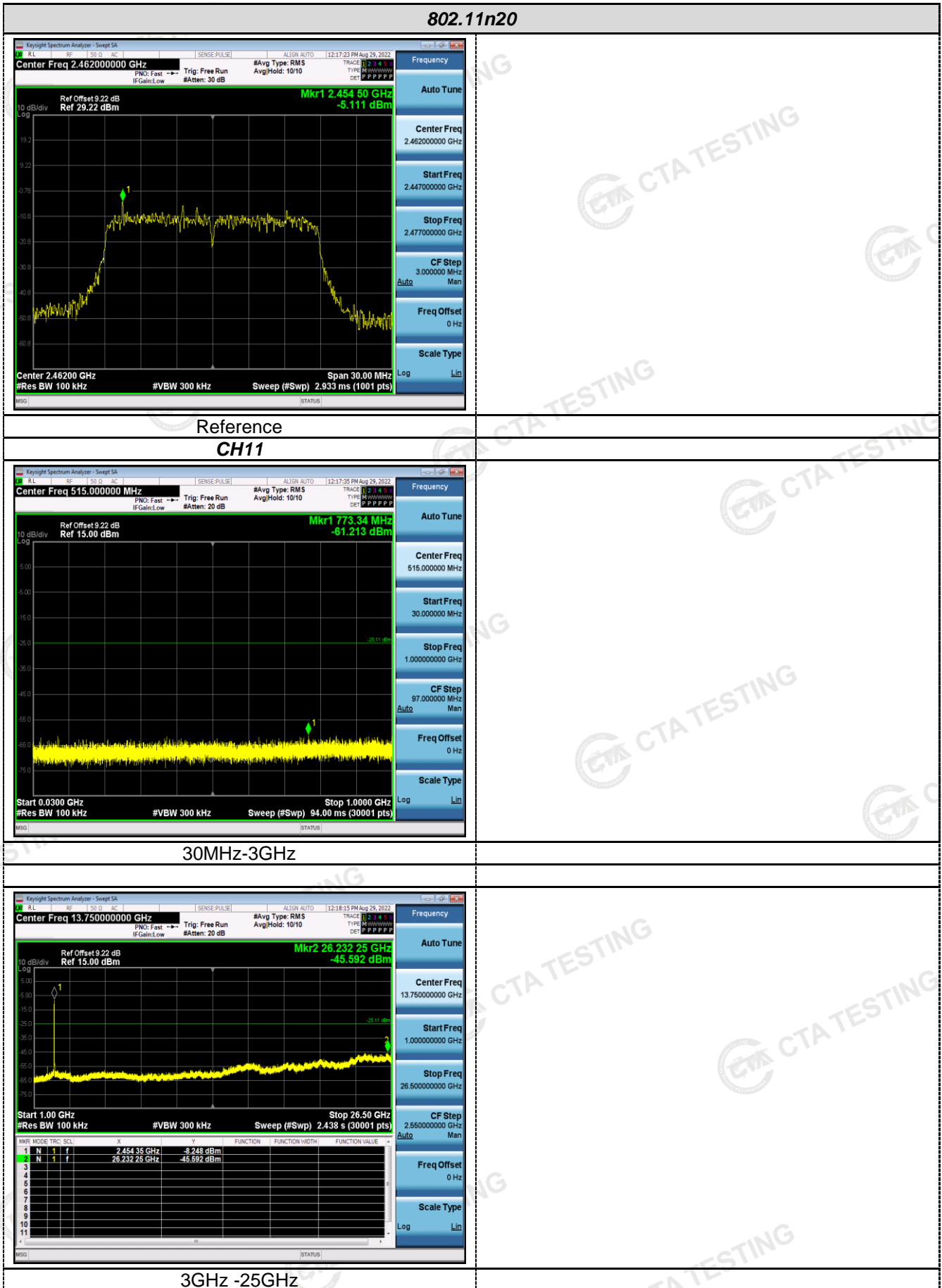
30MHz-3GHz



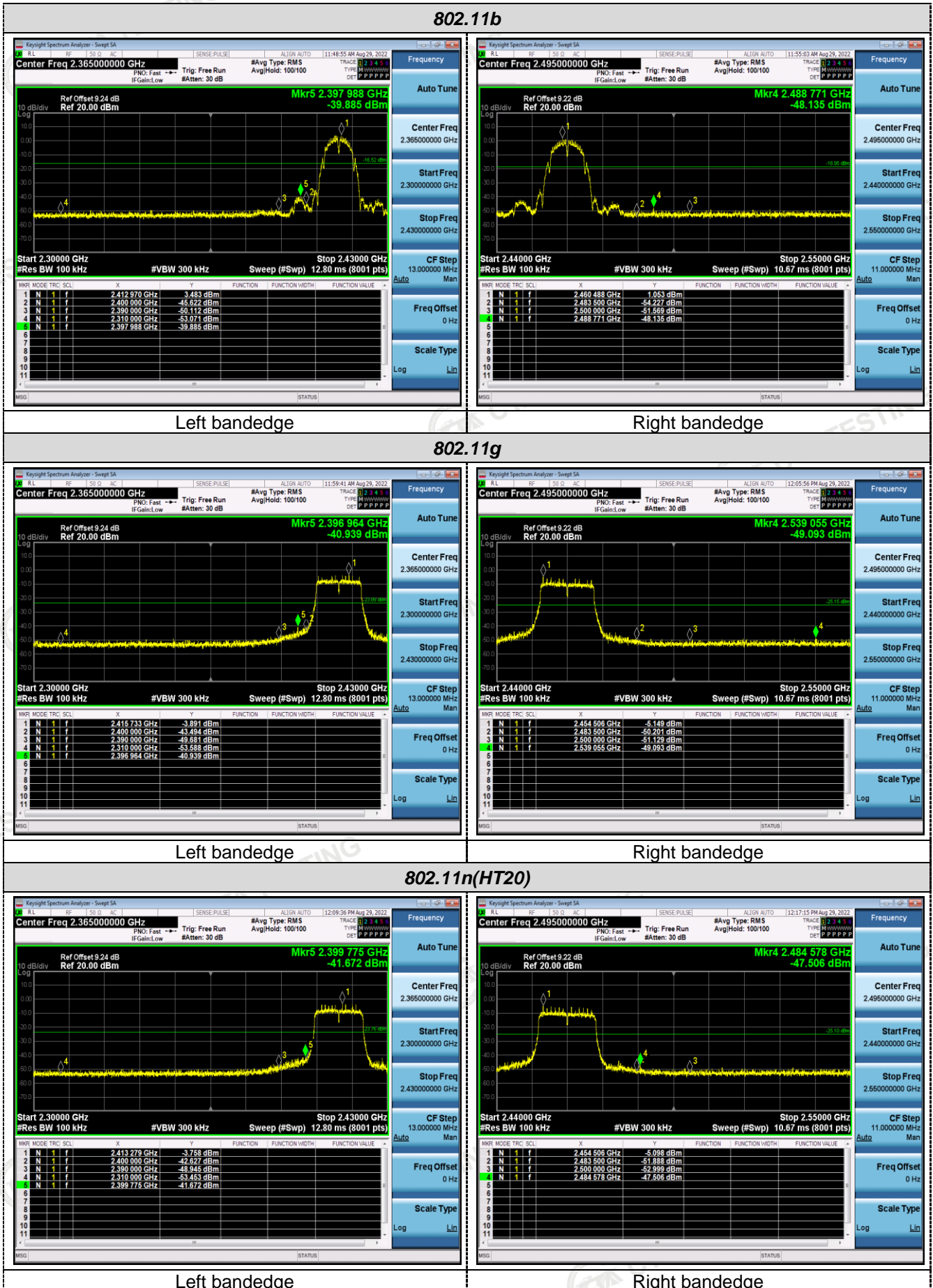
3GHz -25GHz



3GHz -25GHz



Band-edge Measurements for RF Conducted Emissions:



4.7 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result:

The maximum gain of PCB antenna was 1.99dBi. It meets requirement 15.203.

5 Test Setup Photos of the EUT



6 Photos of the EUT





