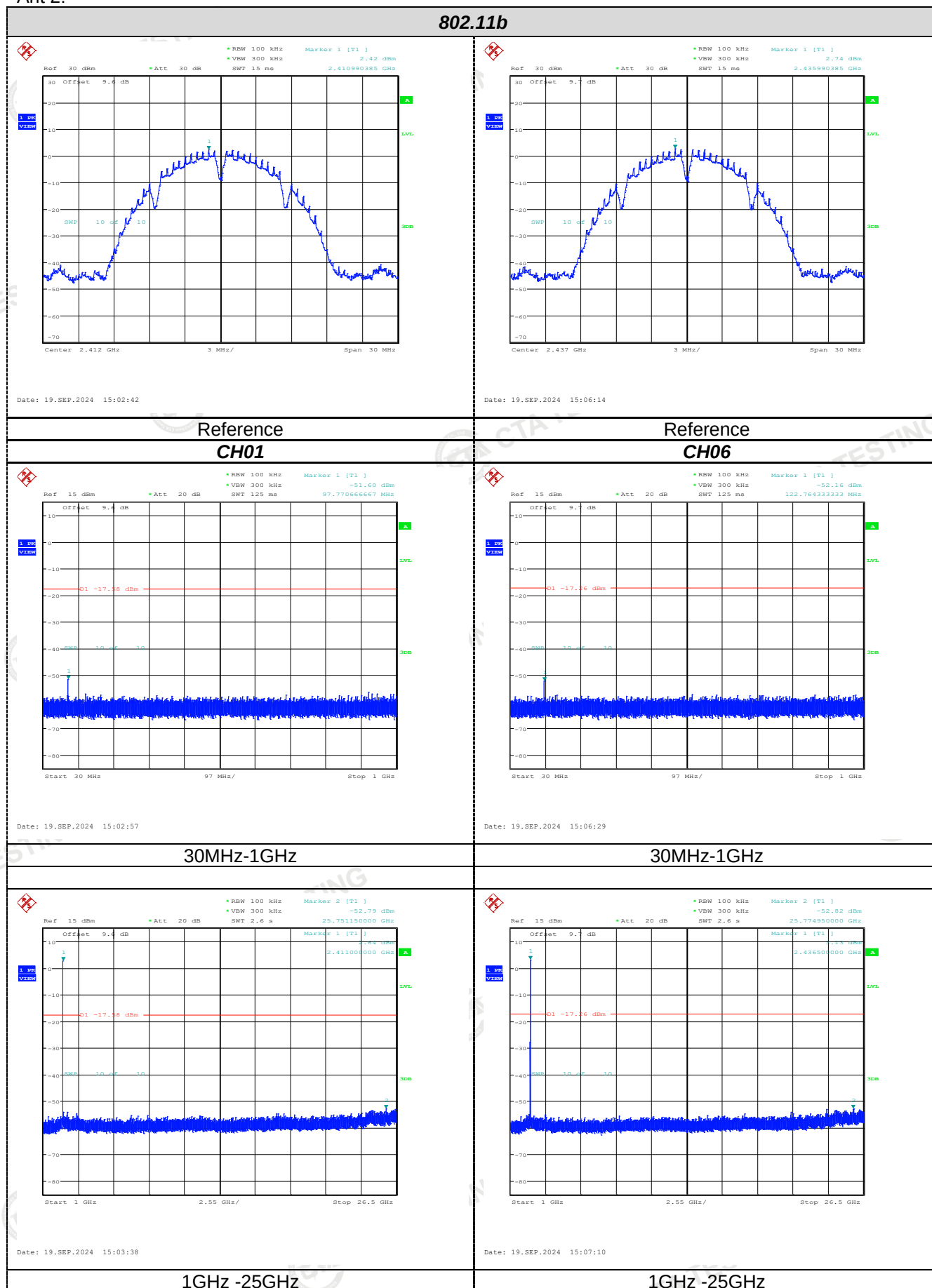
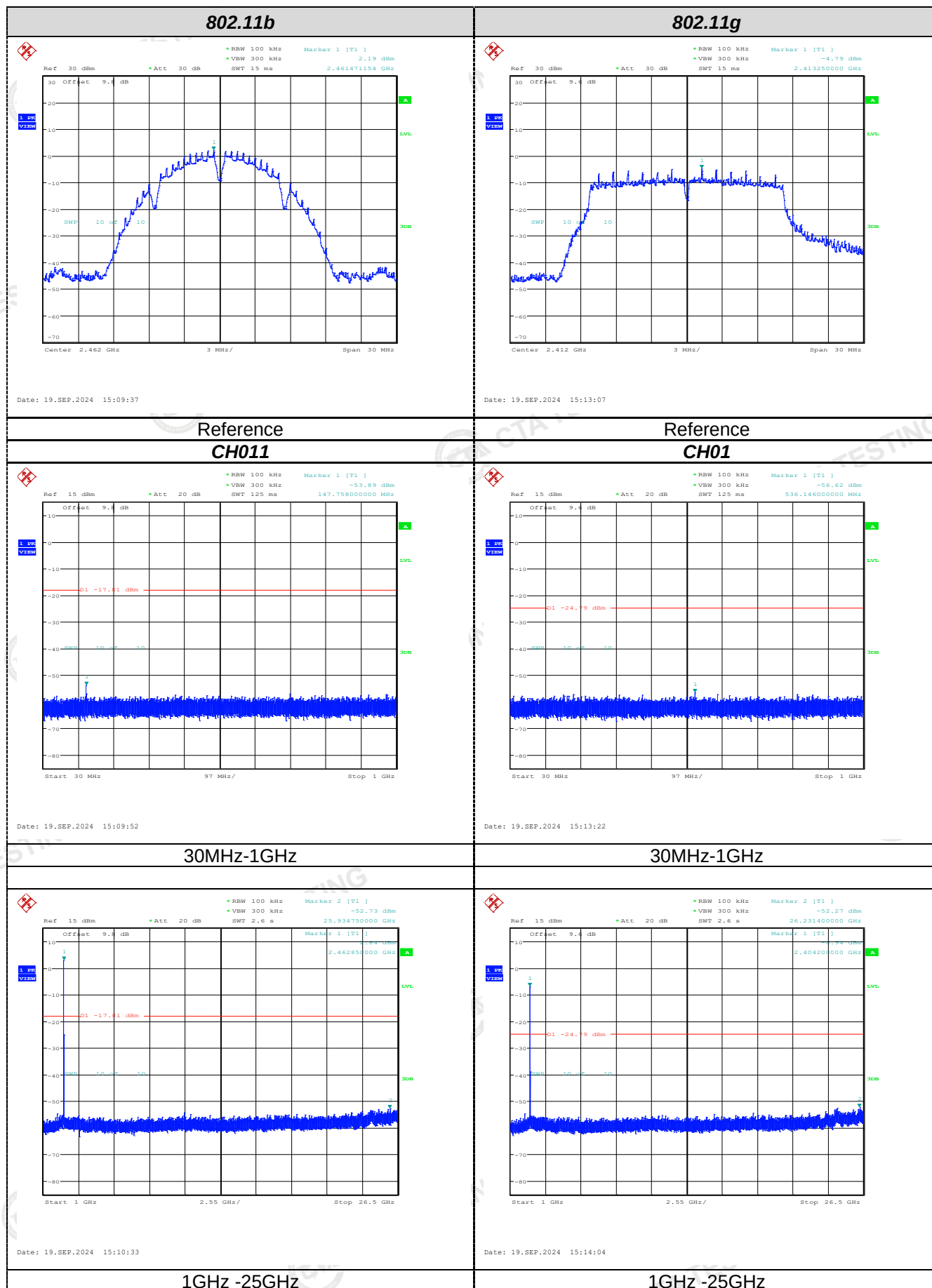
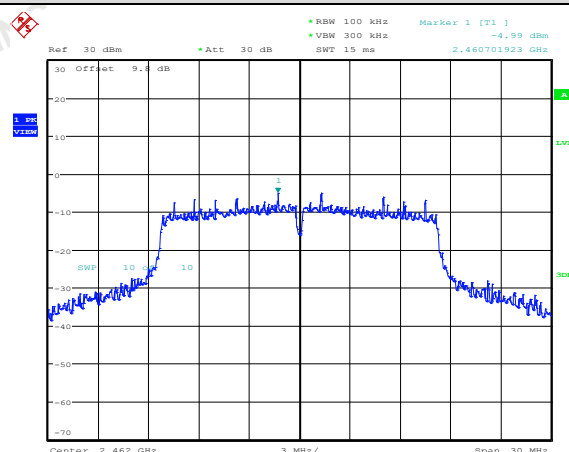
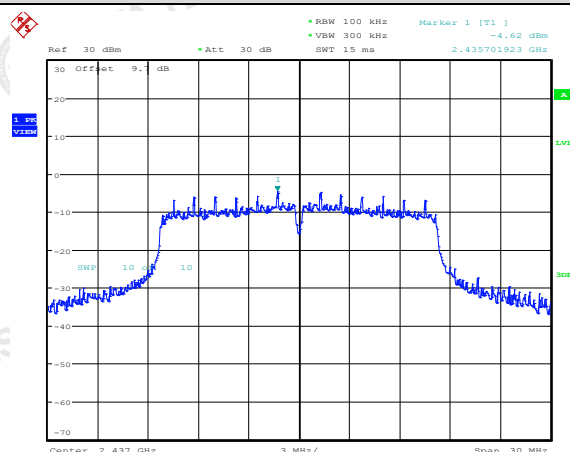
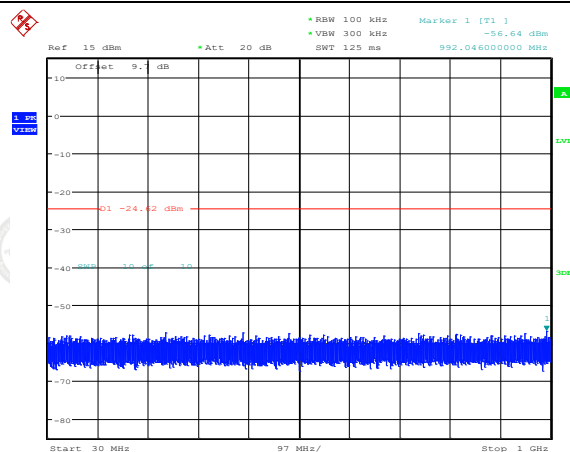
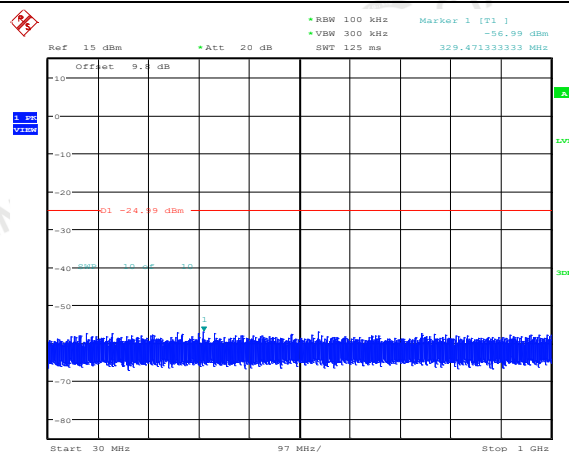


Ant 2:

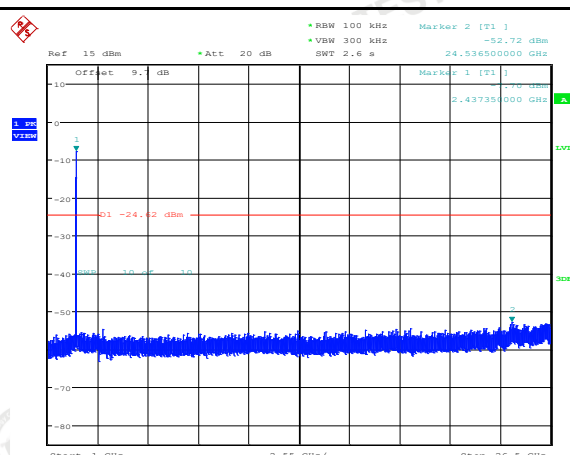




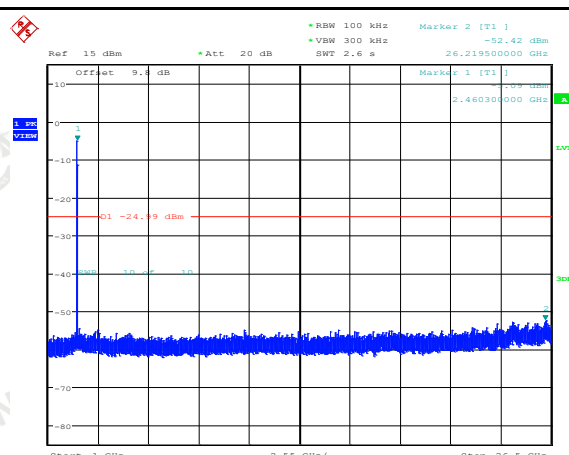
802.11g

Reference
CH06Reference
CH11

30MHz-1GHz

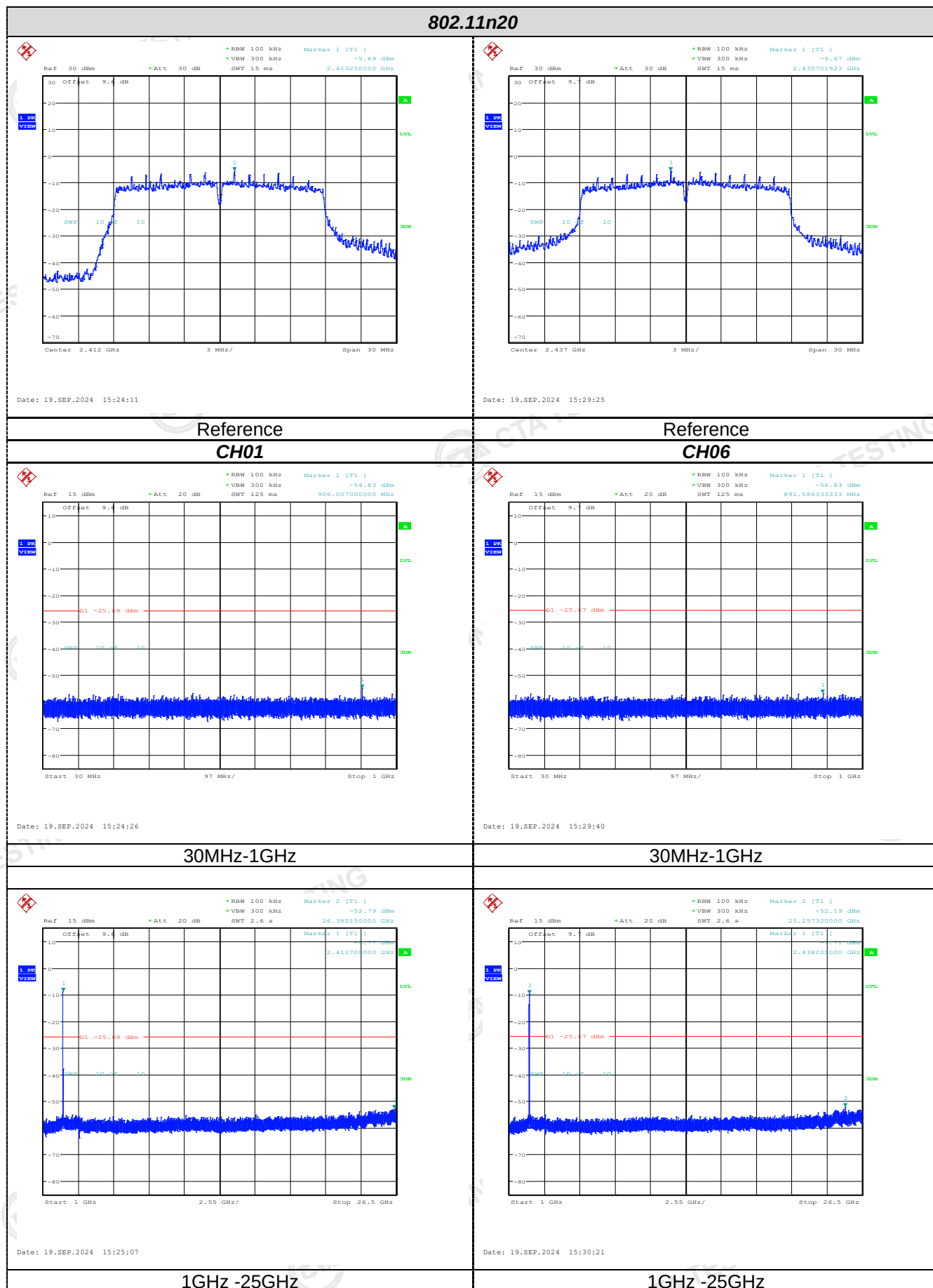


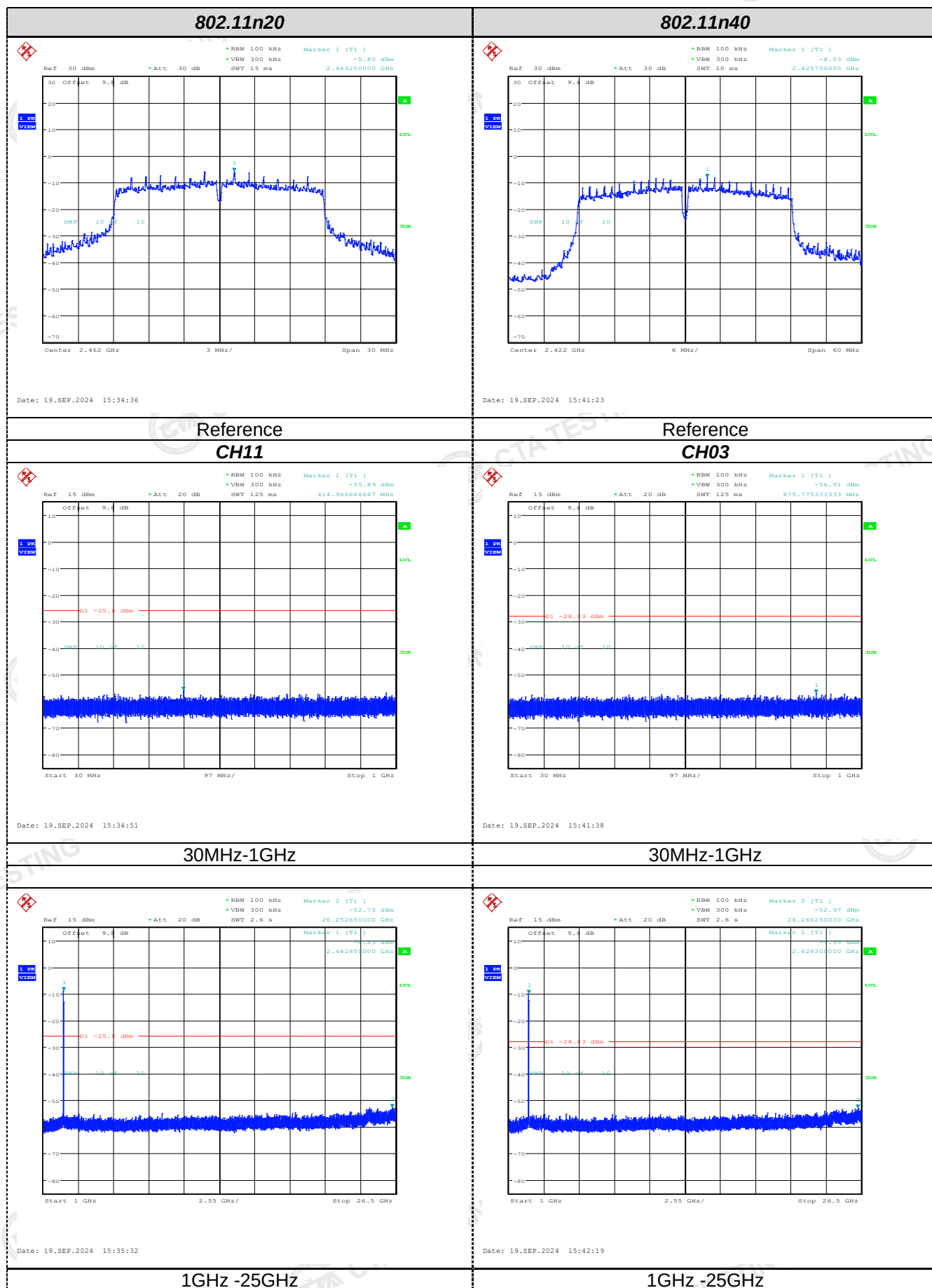
30MHz-1GHz



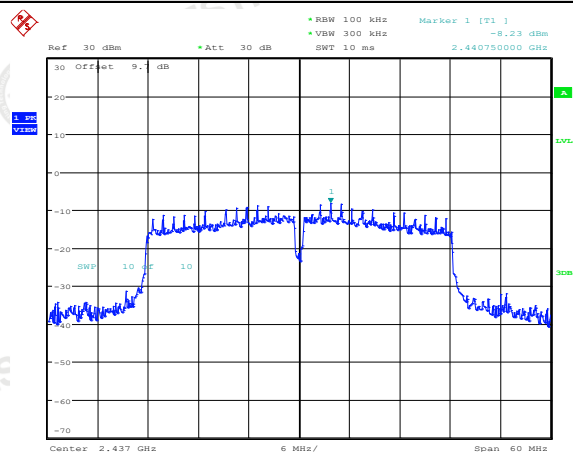
1GHz -25GHz

1GHz -25GHz

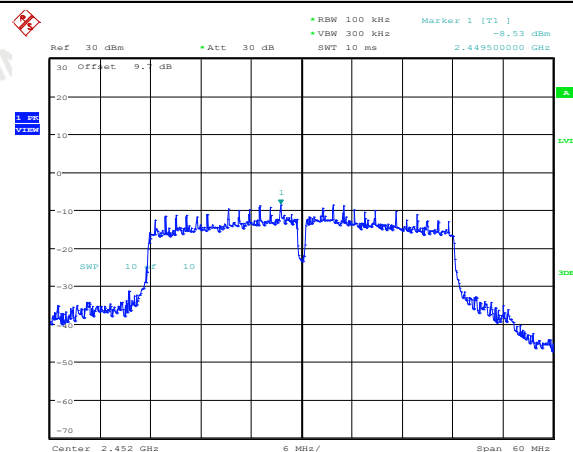




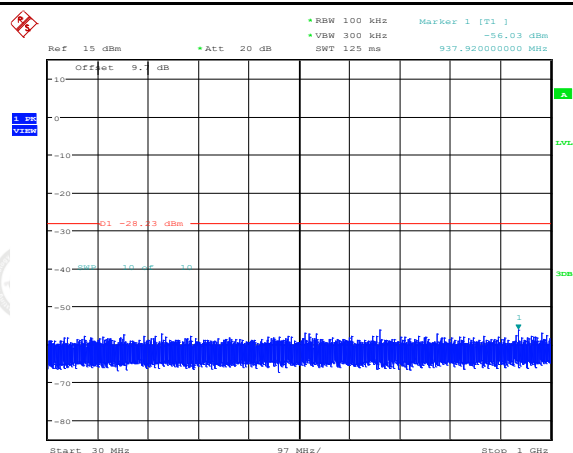
802.11n40



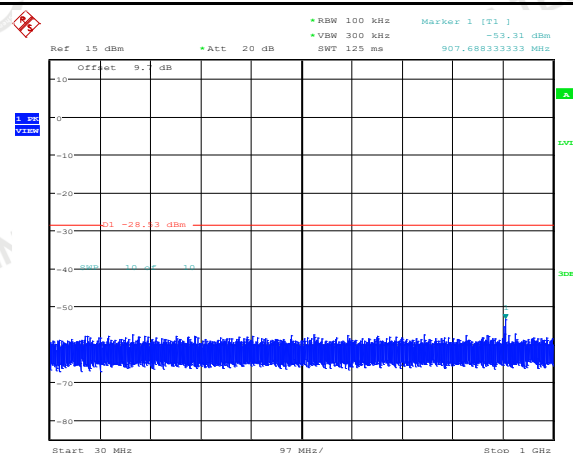
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Date: 19.SEP.2024 15:54:51

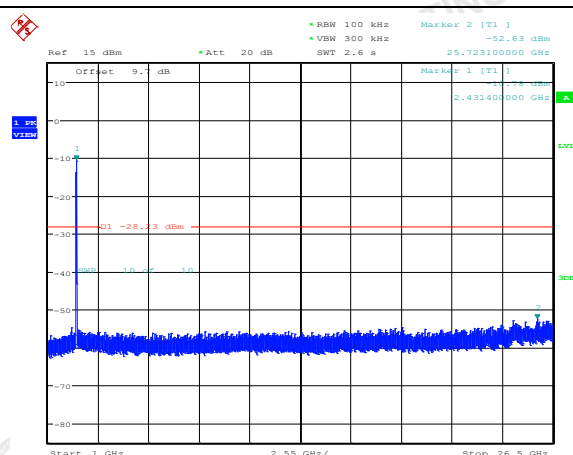
Reference
CH06

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Reference
CH09

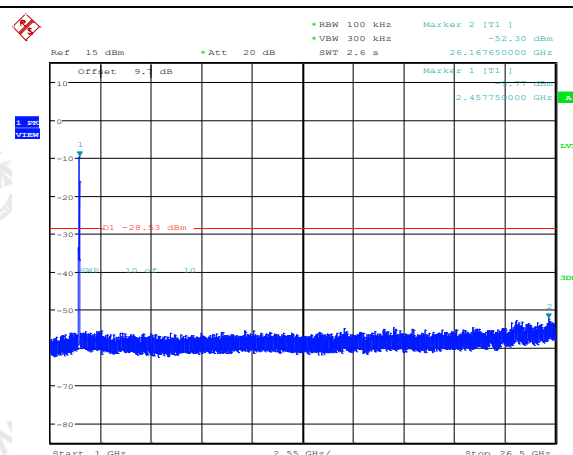
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30MHz-1GHz



Date: 19.SEP.2024 15:51:20

30MHz-1GHz

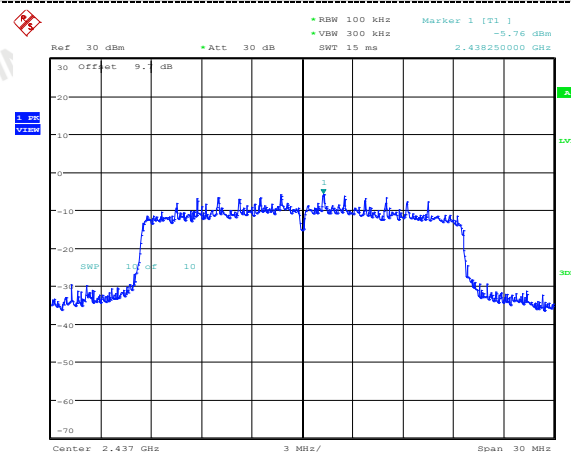
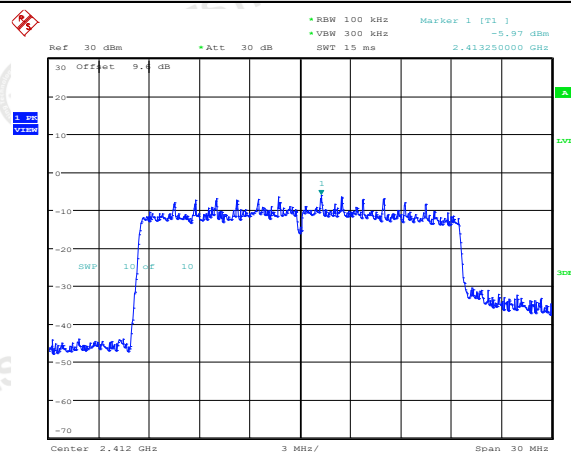
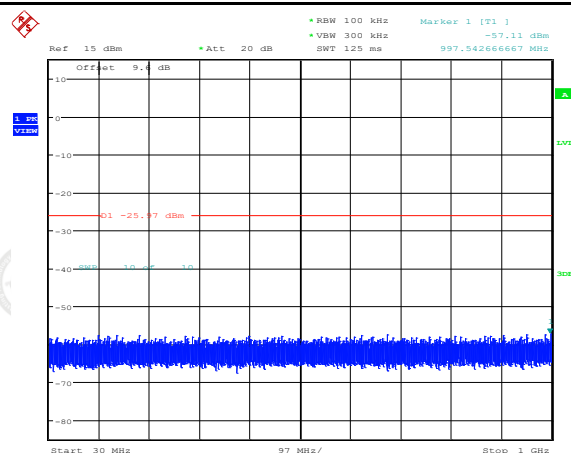
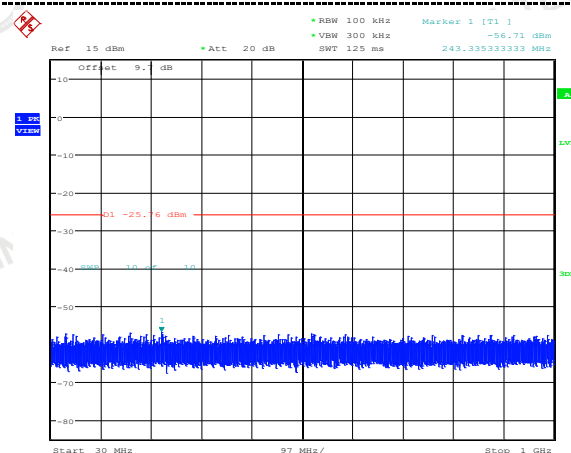


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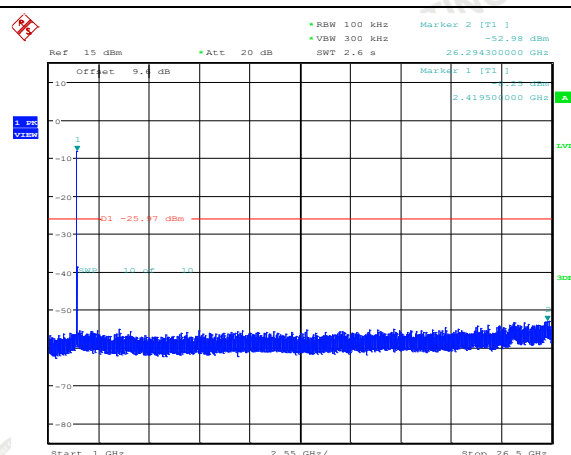
1GHz -25GHz

1GHz -25GHz

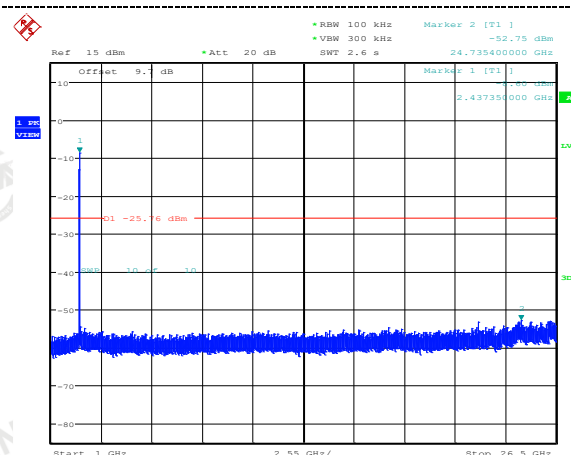
802.11ax20

Reference
CH01Reference
CH06

30MHz-1GHz

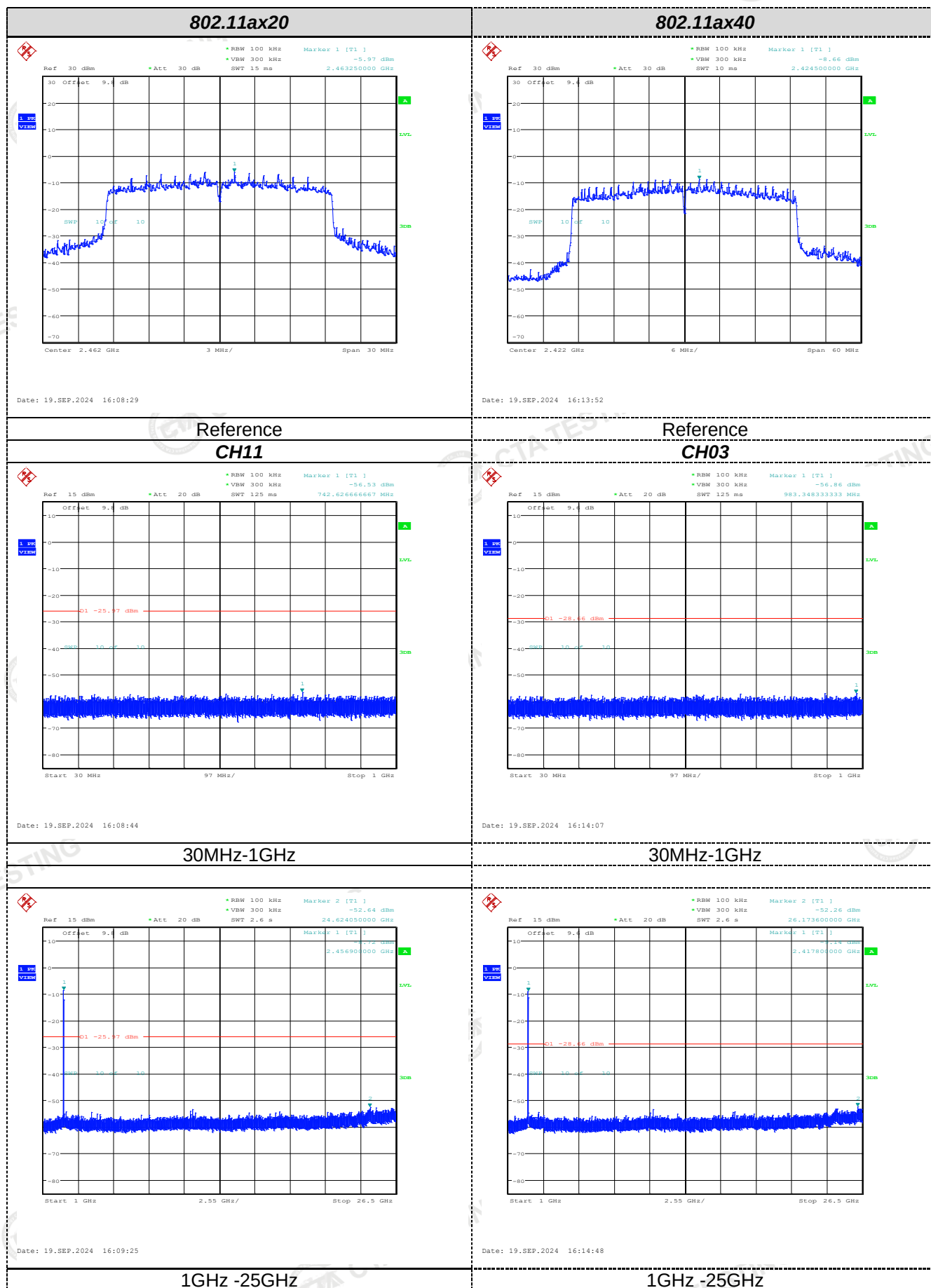


30MHz-1GHz

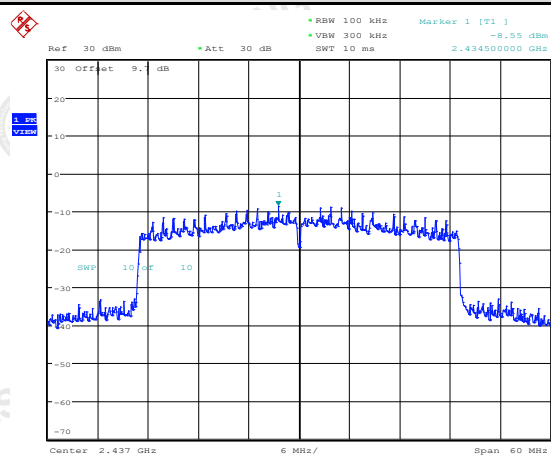


1GHz -25GHz

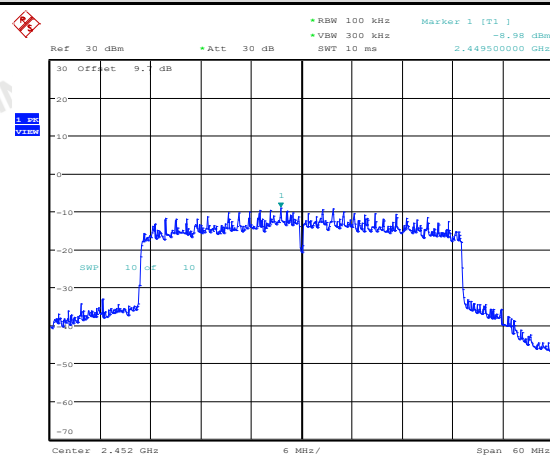
1GHz -25GHz



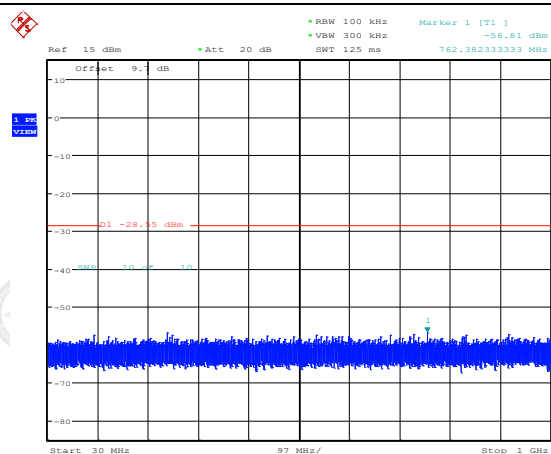
802.11ax40



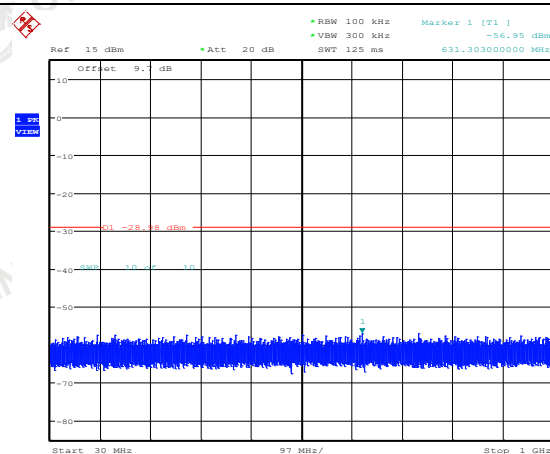
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Date: 19_SEP.2024 16:22:21

Reference
CH06

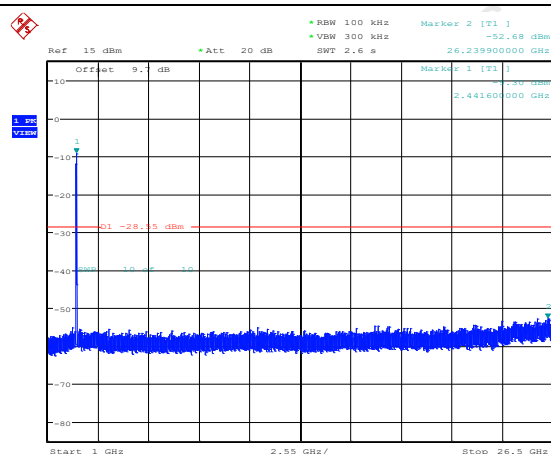
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Reference
CH09

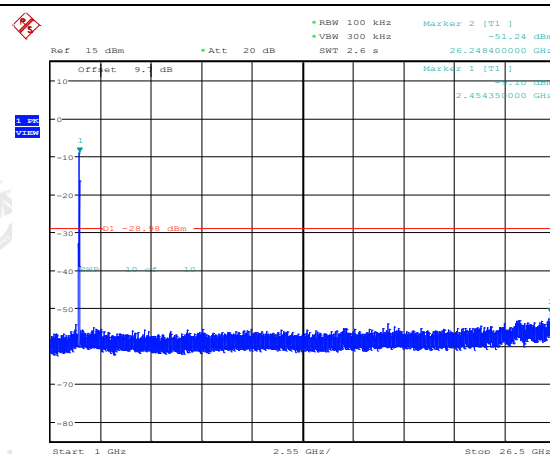
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30MHz-1GHz

30MHz-1GHz



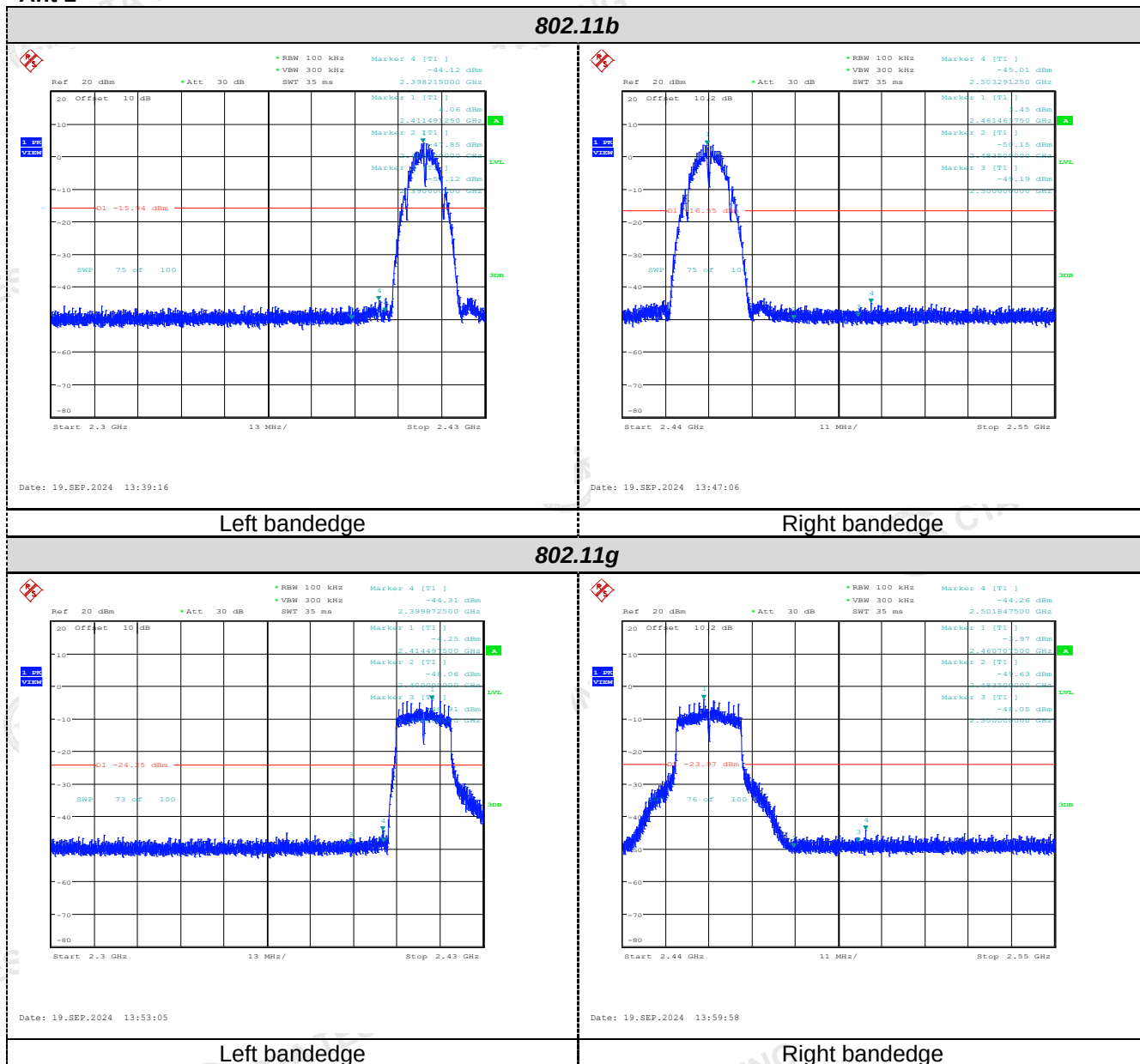
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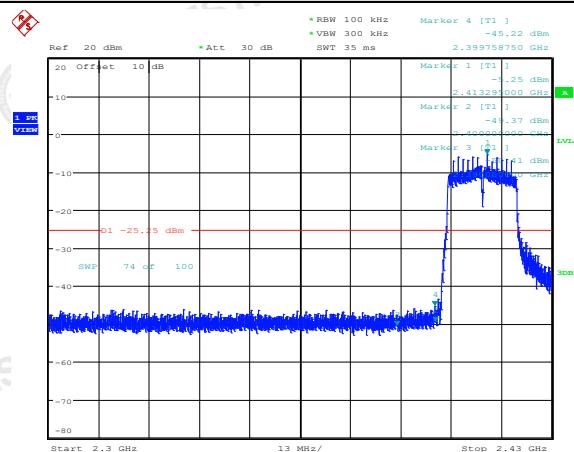
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1GHz -25GHz

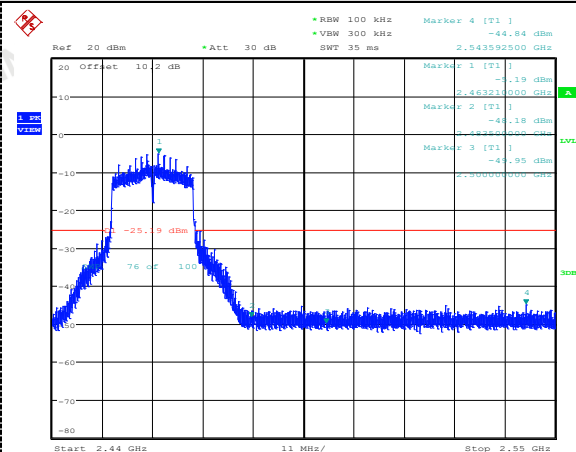
1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:**Ant 1**

802.11n(HT20)

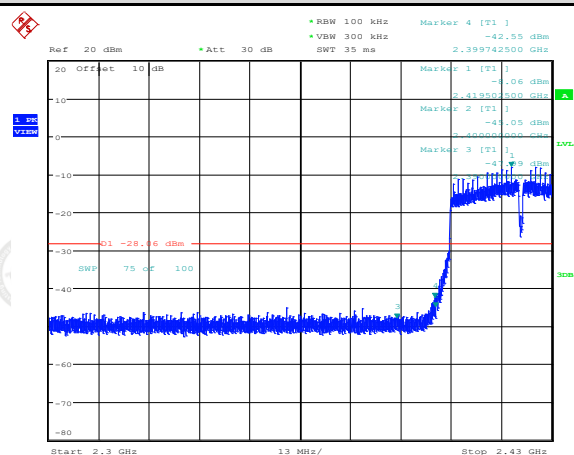


Left bandedge

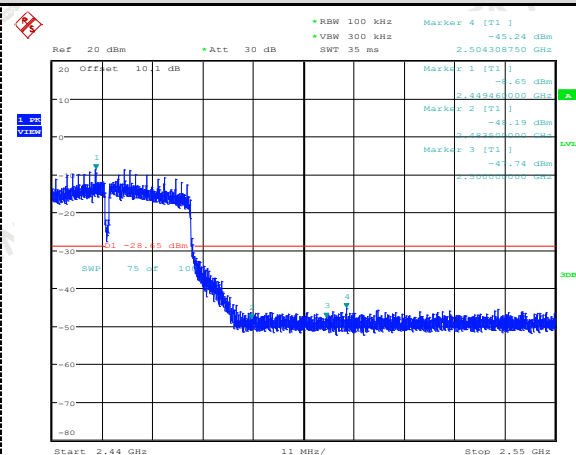


Right bandedge

802.11n(HT40)

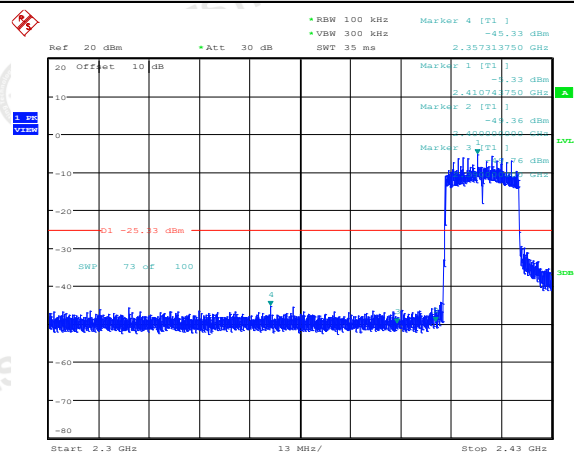


Left bandedge

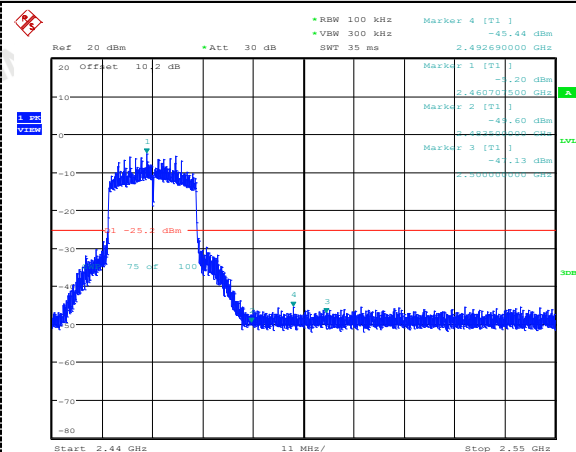


Right bandedge

802.11ax(HT20)

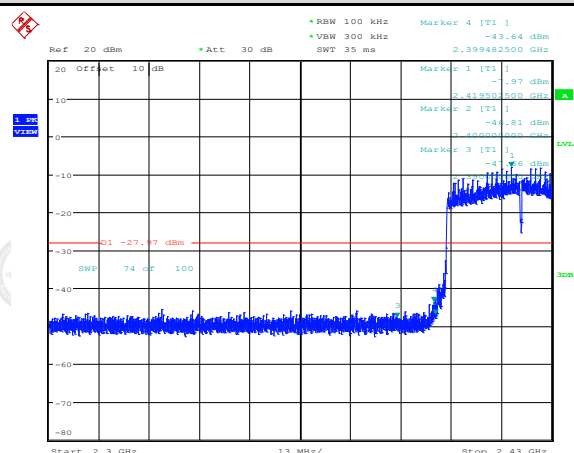


Left bandedge

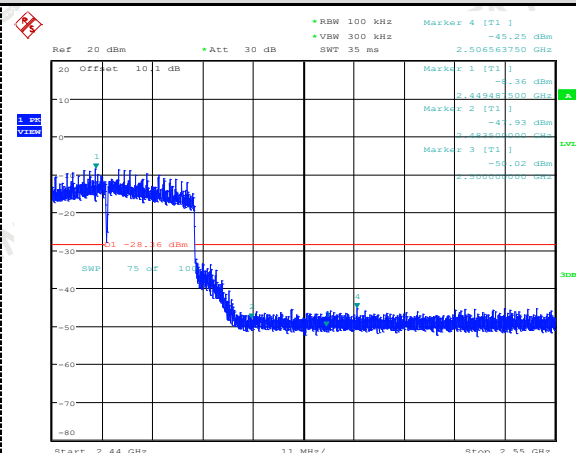


Right bandedge

802.11ax(HT40)

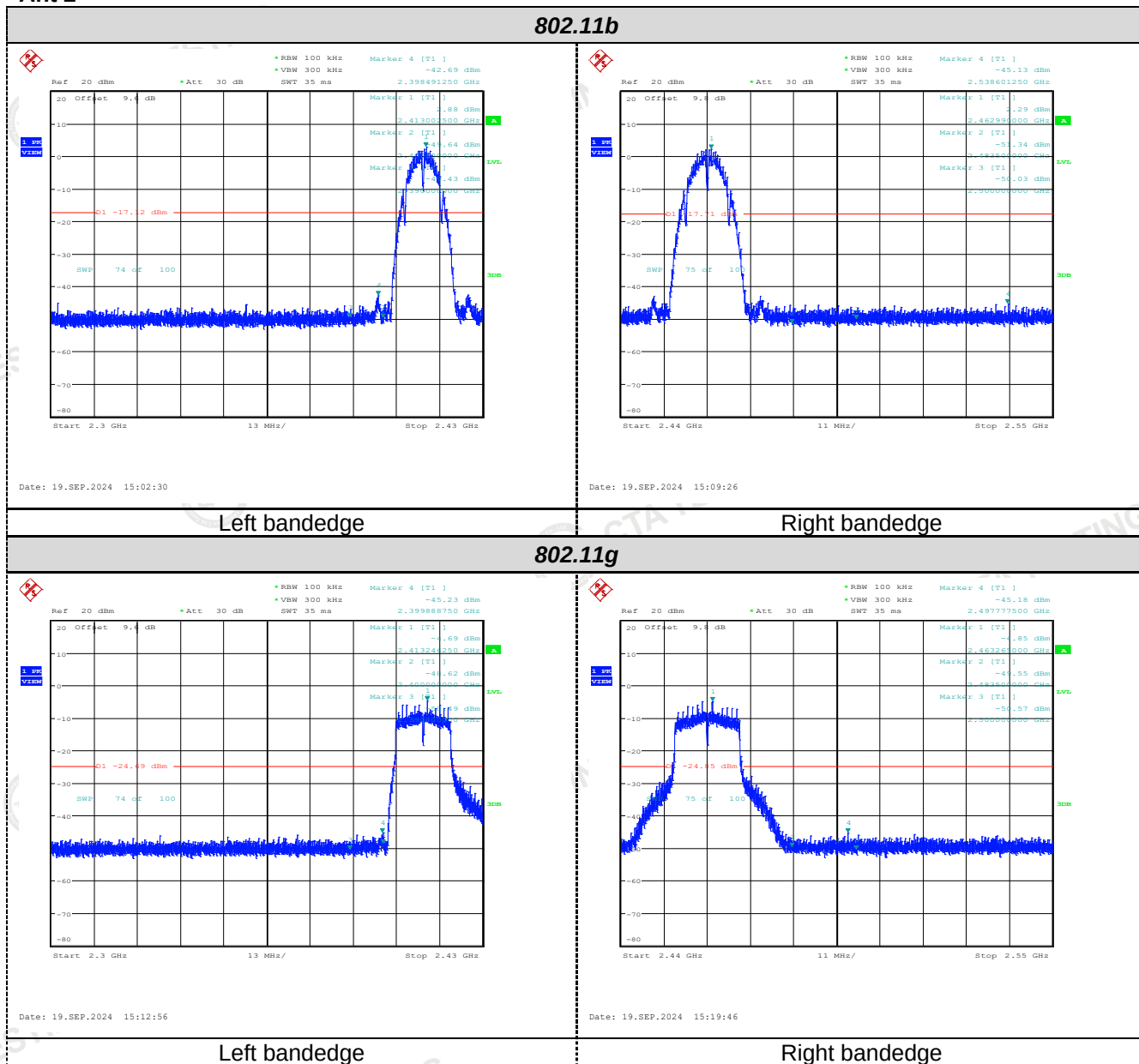


Left bandedge

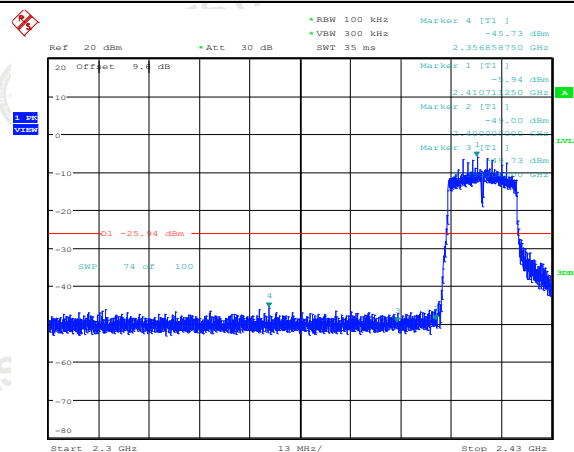


Right bandedge

Ant 2

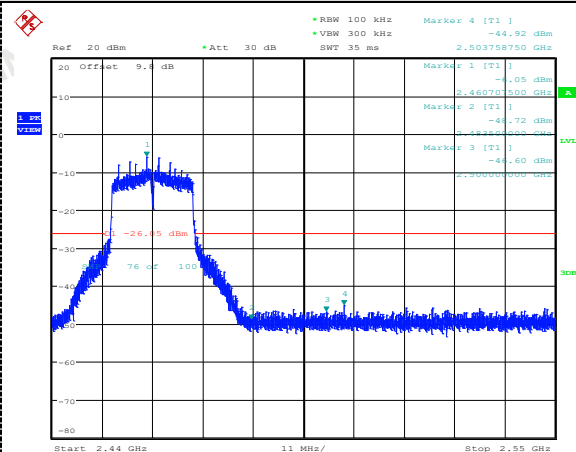


802.11n(HT20)



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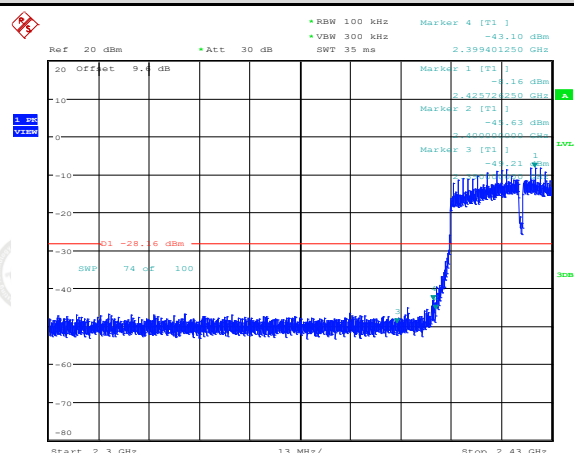
Left bandedge



Date: 19_SEP.2024 15:34:25

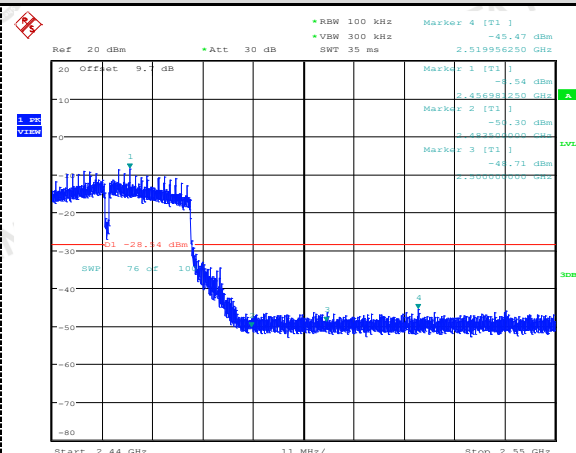
Right bandedge

802.11n(HT40)



Date: 19_SEP.2024 15:41:12

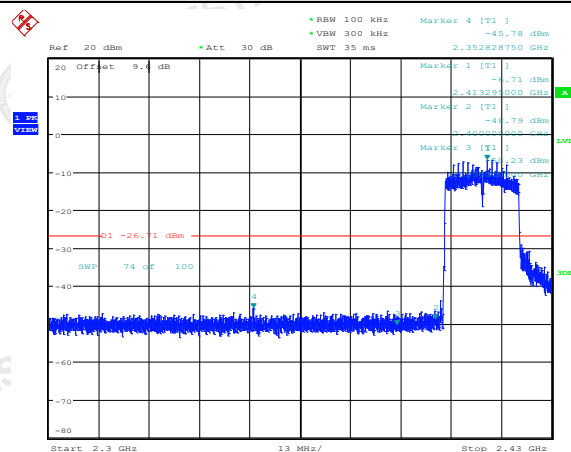
Left bandedge



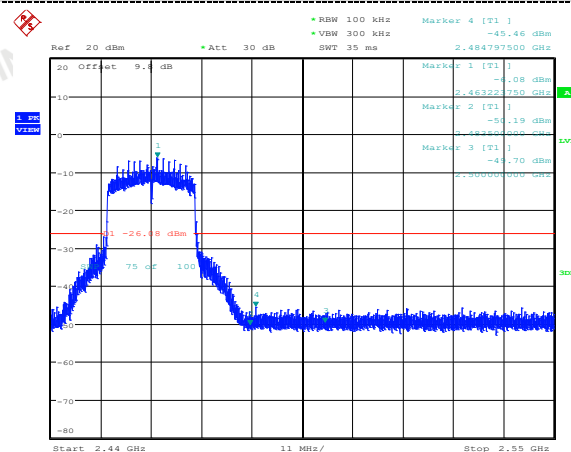
Date: 19_SEP.2024 15:54:40

Right bandedge

802.11ax(HT20)

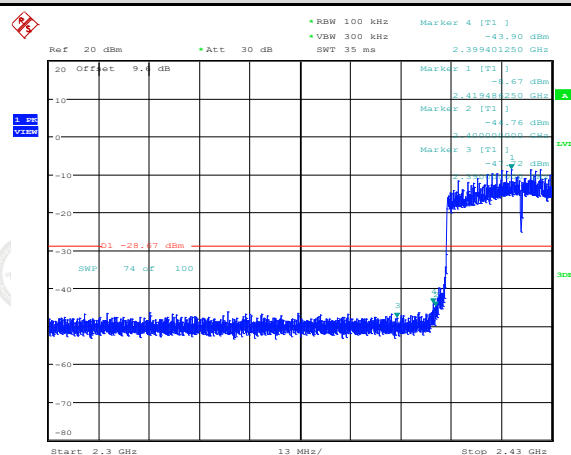


Left bandedge

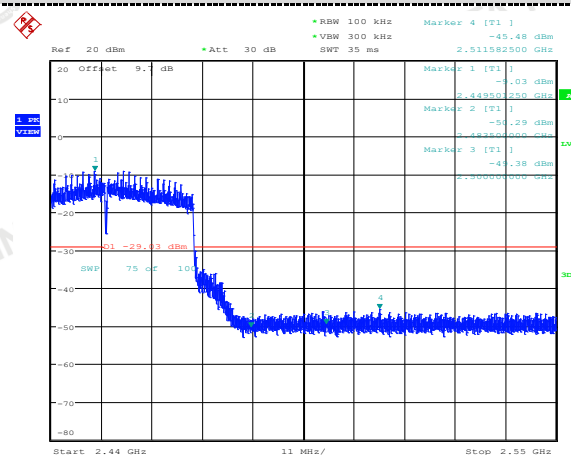


Right bandedge

802.11ax(HT40)



Left bandedge



Right bandedge

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):

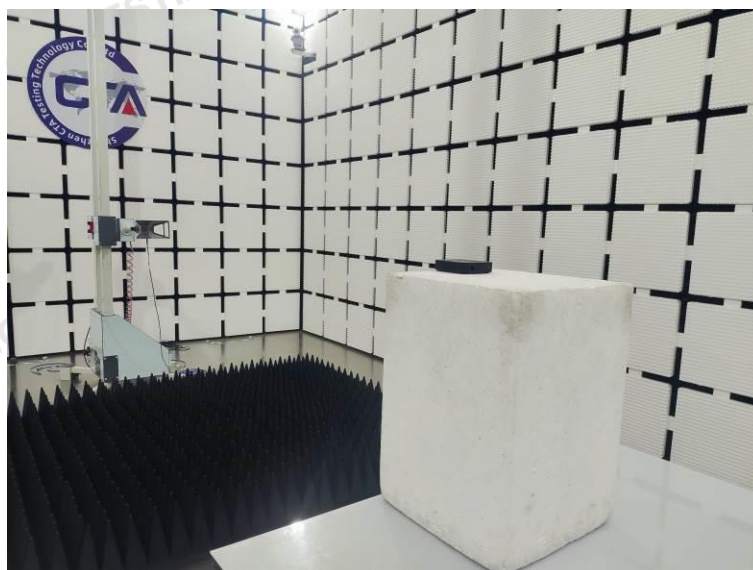
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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

Test Result:

The maximum gain of antenna1 was 1.01 dBi.and antenna 2 was 0.88 dBi.

Remark: The antenna gain is provided by the customer , if the data provided by the customer is not accurate, Shenzhen CTA Testing Technology Co., Ltd. does not assume any responsibility.

5 Test Setup Photos of the EUT



6 Photos of the EUT

Reference to the test report No. CTA24091201501.

***** End of Report *****