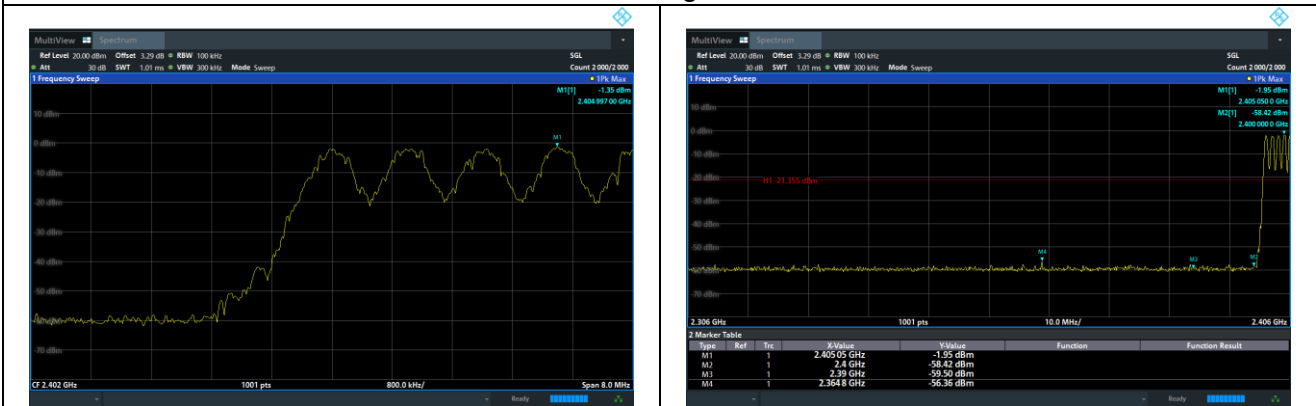


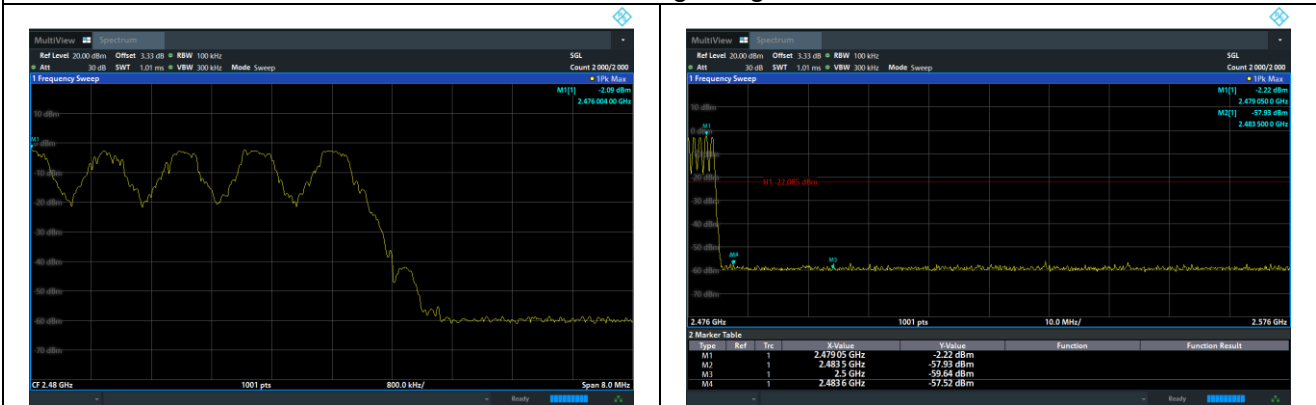
Hopping Mode

Test plots

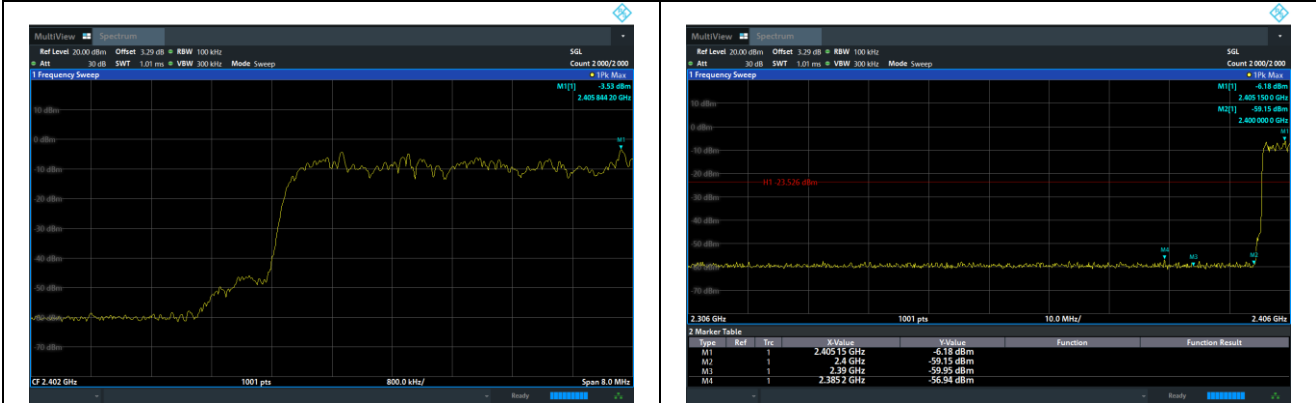
GFSK: Band Edge, Left Side



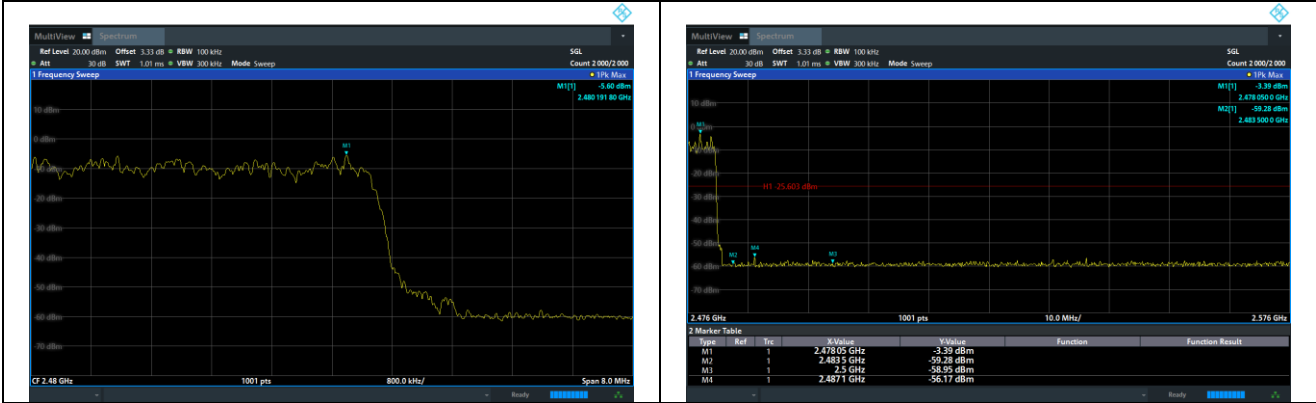
GFSK: Band Edge, Right Side



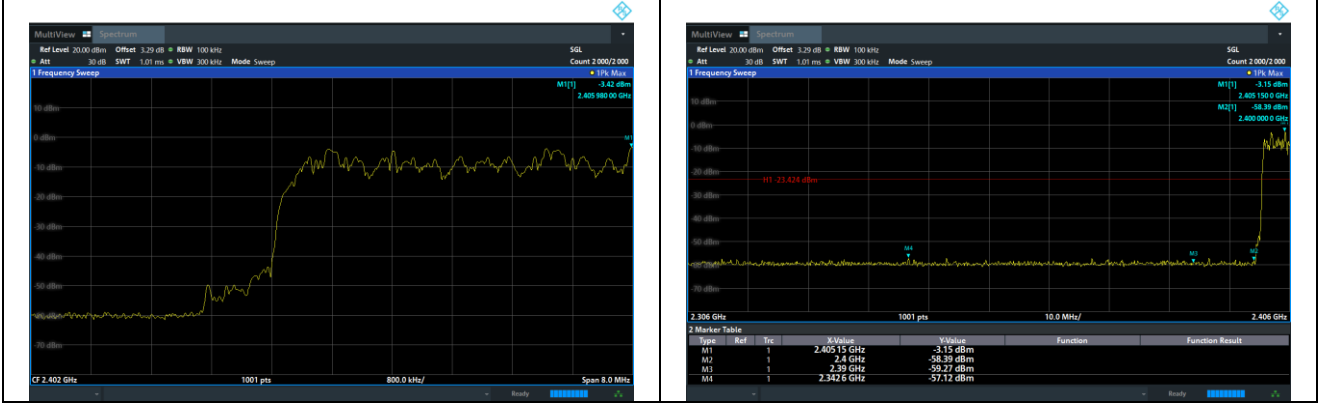
$\pi/4$ -DQPSK: Band Edge, Left Side



$\pi/4$ -DQPSK: Band Edge, Right Side



8DPSK: Band Edge, Left Side



8DPSK: Band Edge, Right Side



5.10 Spurious RF Conducted Emissions

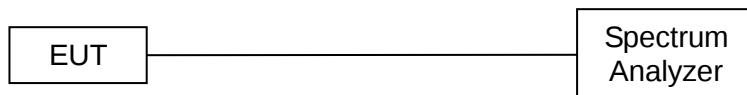
5.10.1 Limit

Below -20dB of the highest emission level in operating band.

5.10.2 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300kHz to measure the peak field strength, and measure frequency range from 9kHz to 26.5GHz.

5.10.3 Test Setup

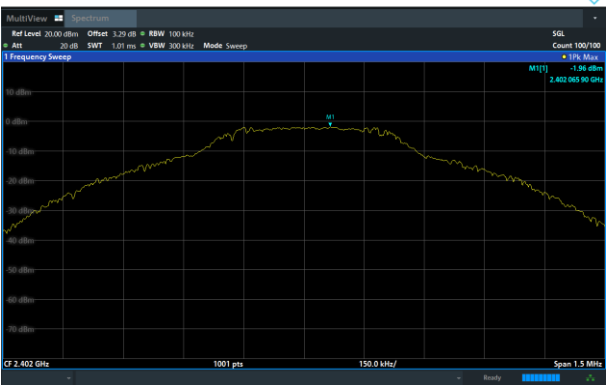


5.10.4 Test Results

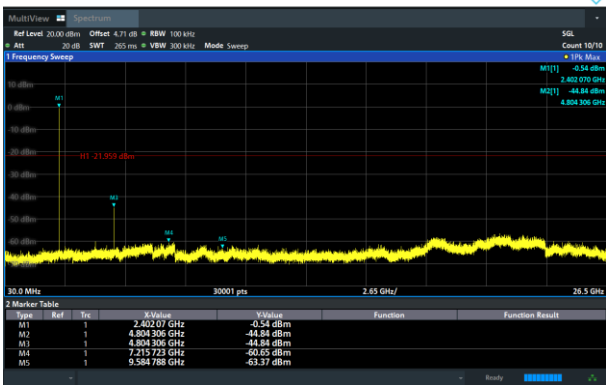
Note:

1: The measurement frequency range is from 9kHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and band edge measurement data.

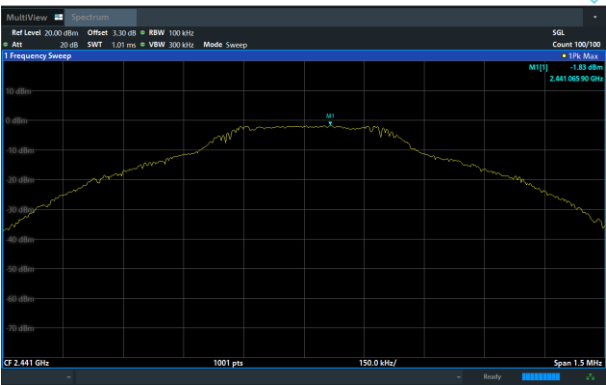
GFSK on Channel 00



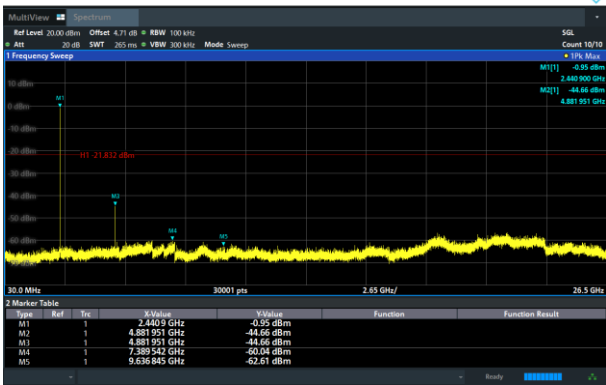
GFSK on Channel 00



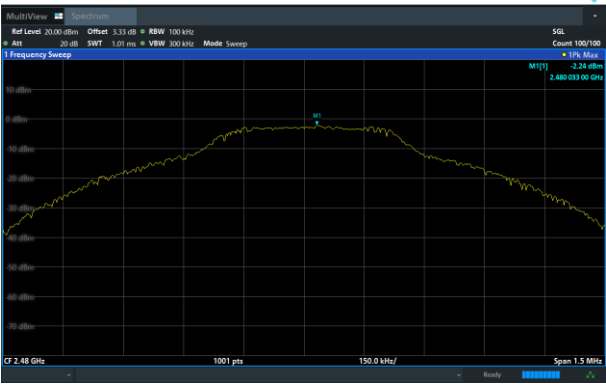
GFSK on Channel 39



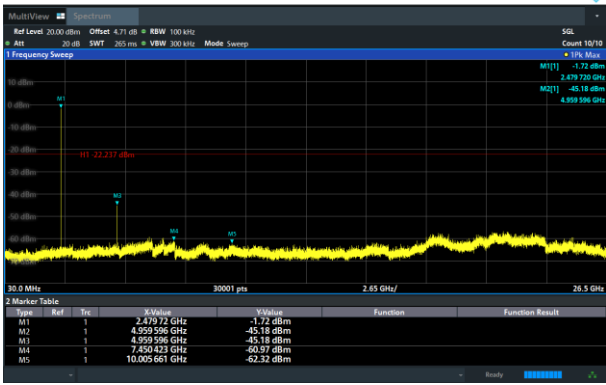
GFSK on Channel 39



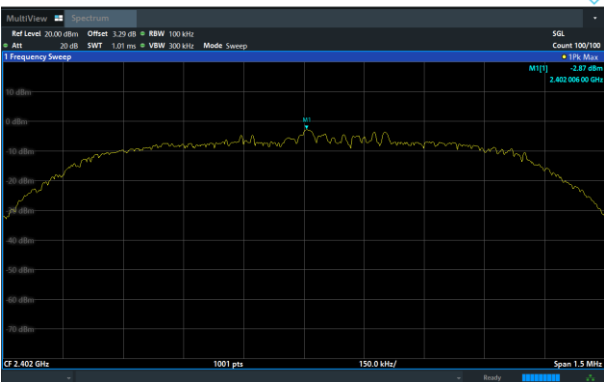
GFSK on Channel 78



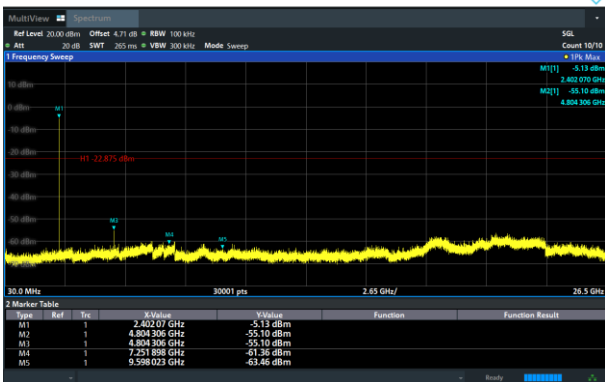
GFSK on Channel 78



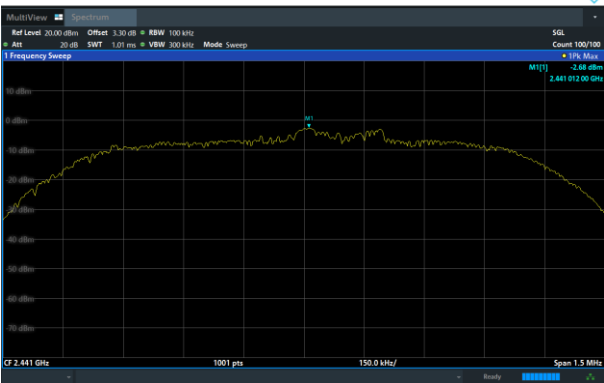
$\pi/4$ -DQPSK on Channel 00



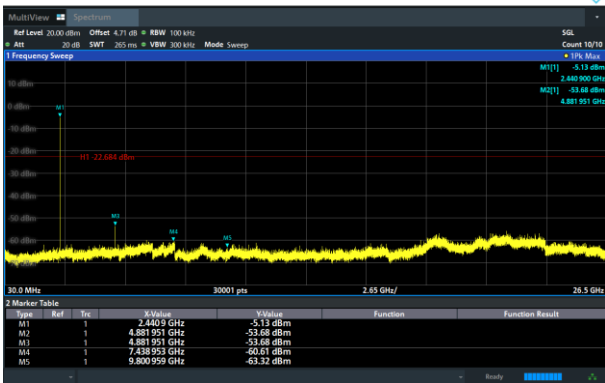
$\pi/4$ -DQPSK on Channel 00



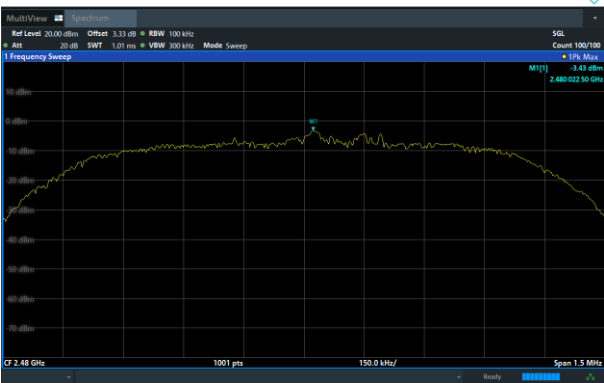
$\pi/4$ -DQPSK on Channel 39



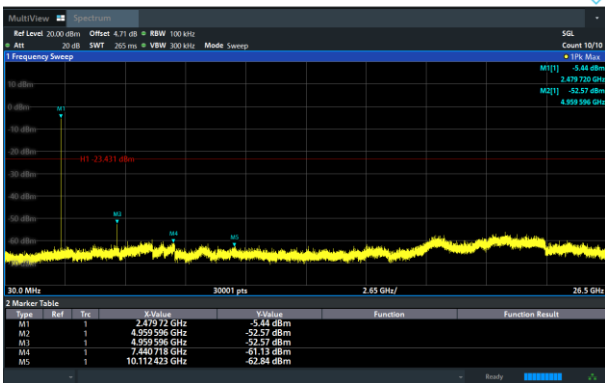
$\pi/4$ -DQPSK on Channel 39



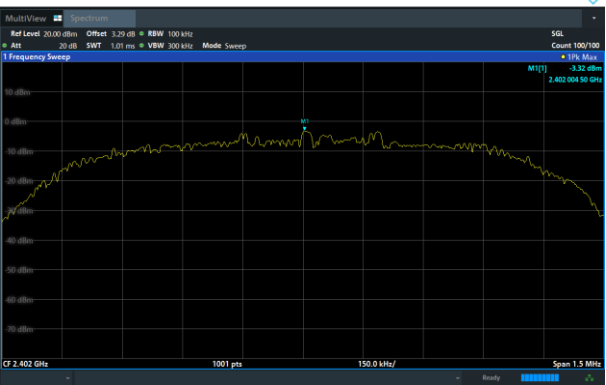
$\pi/4$ -DQPSK on Channel 78



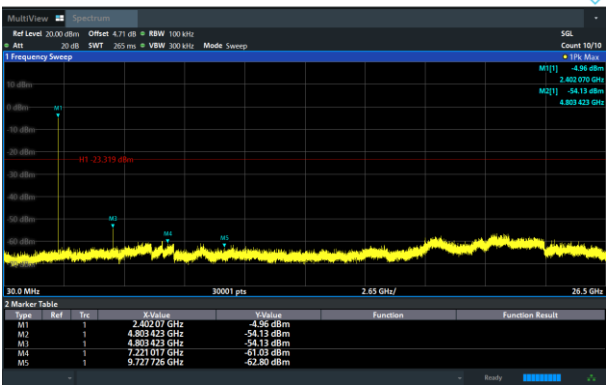
$\pi/4$ -DQPSK on Channel 78



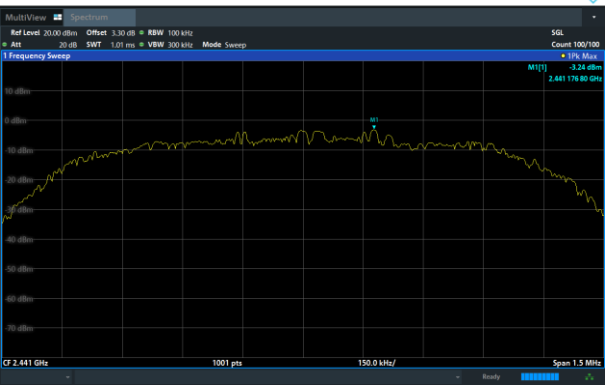
8DPSK on Channel 00



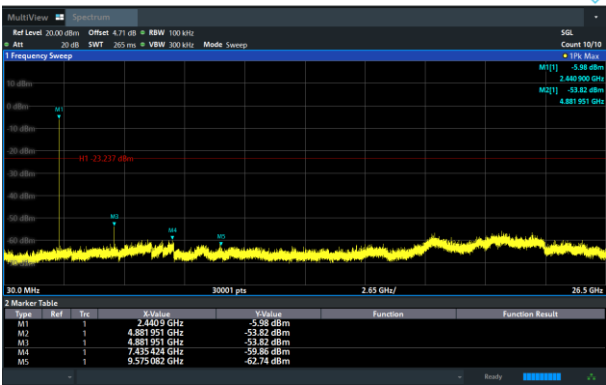
8DPSK on Channel 00



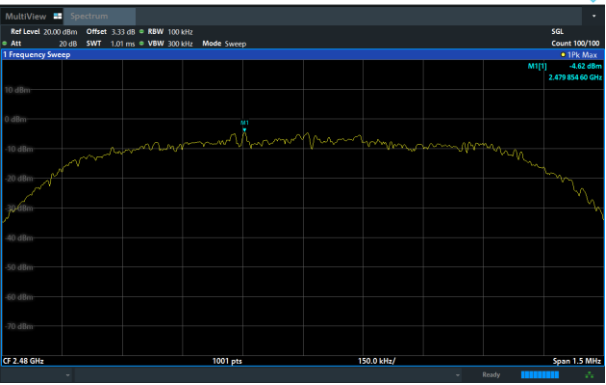
8DPSK on Channel 39



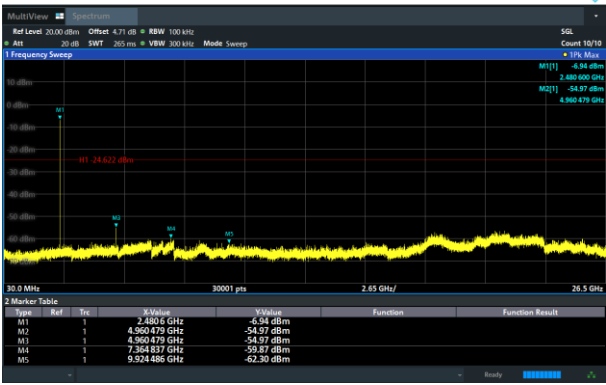
8DPSK on Channel 39



8DPSK on Channel 78



8DPSK on Channel 78

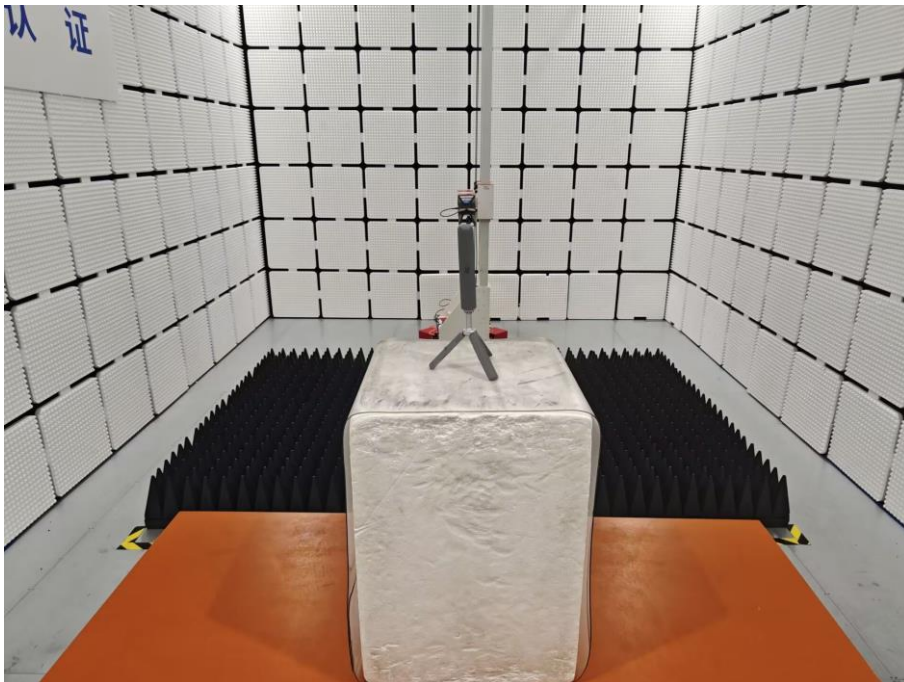


6 Photographs of the Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



Conducted emission

7 Photographs of the EUT

Please refer to report HB20260713014E-01 for product photos.

******* END OF REPORT *******