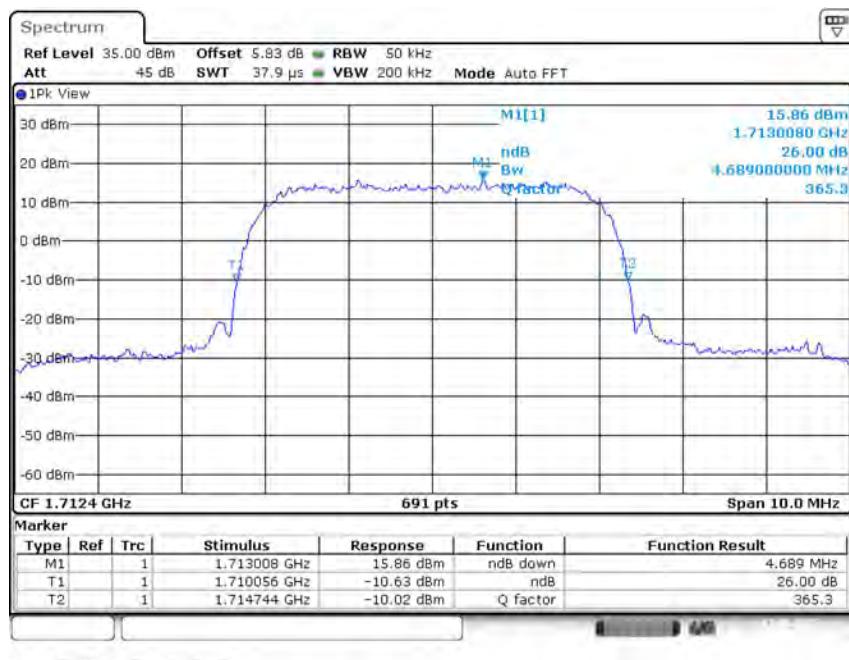


Channel 1513-Emission Bandwidth (-26dBc BW)

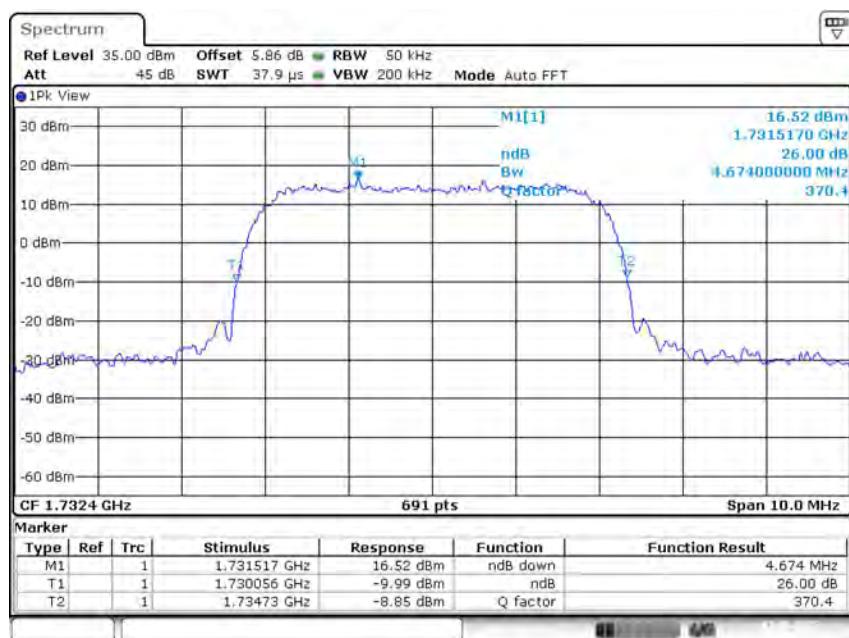


WCDMA Band IV (-26dBc)-16QAM

Frequency (MHz)	Emission Bandwidth (-26dBc)(MHz)
1712.4	4.689
1732.4	4.674
1752.6	4.689

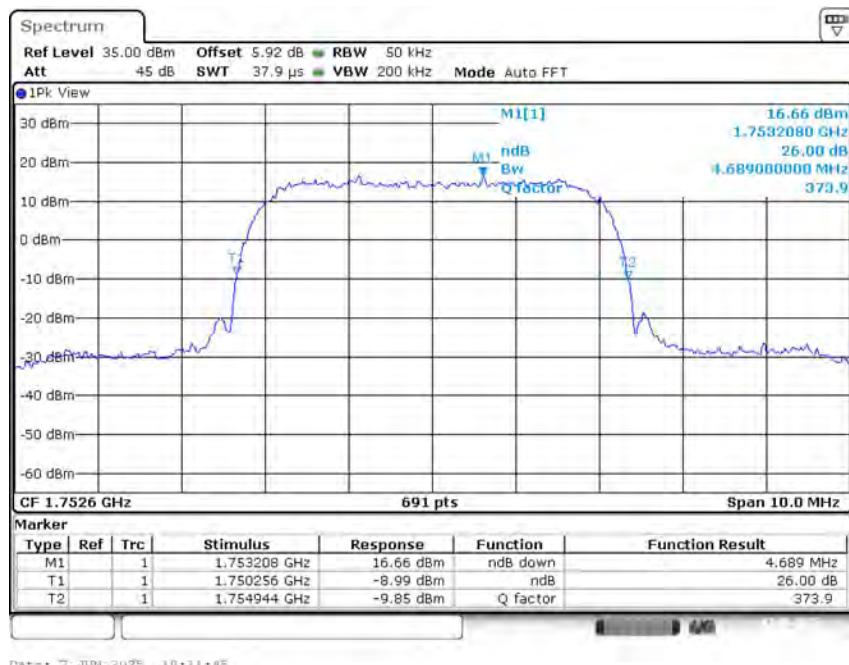
WCDMA Band IV (-26dBc)
Channel 1312-Emission Bandwidth (-26dBc BW)


Date: 7, JUN, 2025 10:07:45

Channel 1412-Emission Bandwidth (-26dBc BW)


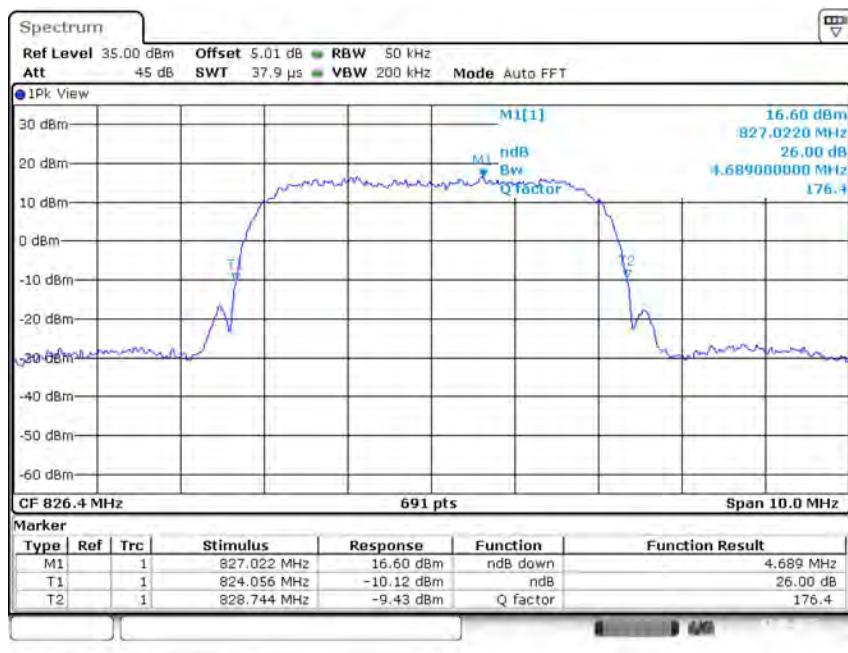
Date: 7, JUN, 2025 10:09:45

Channel 1513-Emission Bandwidth (-26dBc BW)

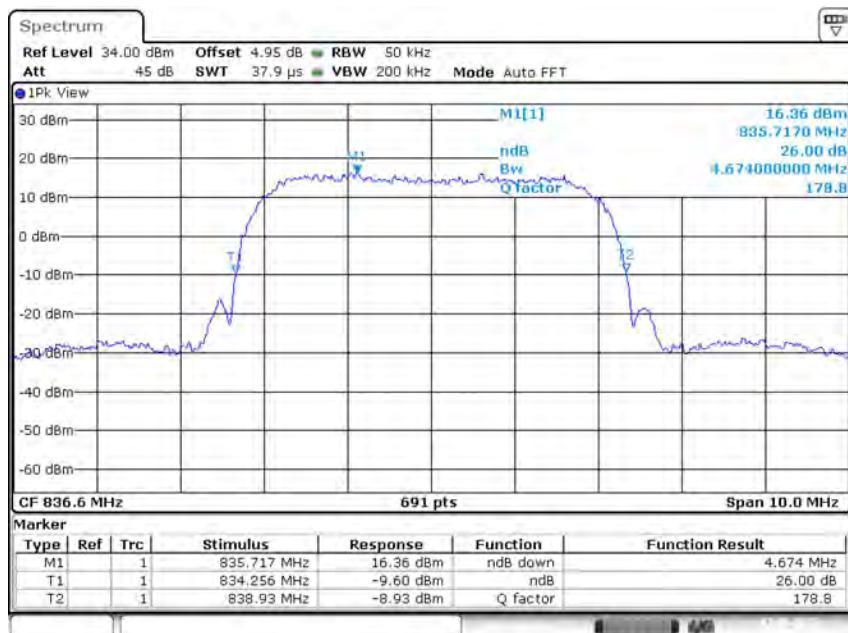


WCDMA Band V (-26dBc)-QPSK

Frequency (MHz)	Emission Bandwidth (-26dBc)(MHz)
826.4	4.689
836.6	4.674
846.6	4.689

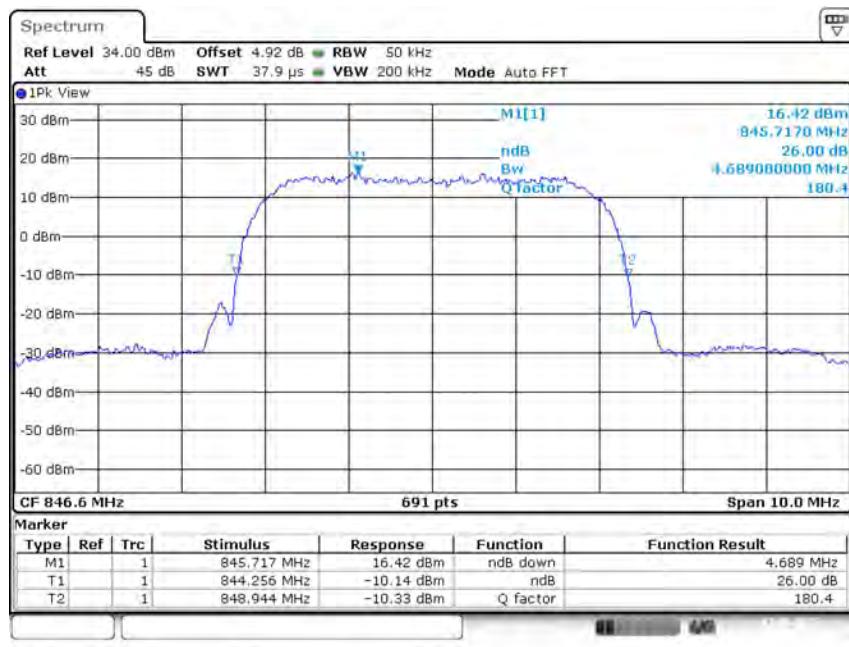
WCDMA Band V (-26dBc)
Channel 4132-Emission Bandwidth (-26dBc BW)


Date: 7, JUN, 2025 10:13:26

Channel 4183-Emission Bandwidth (-26dBc BW)


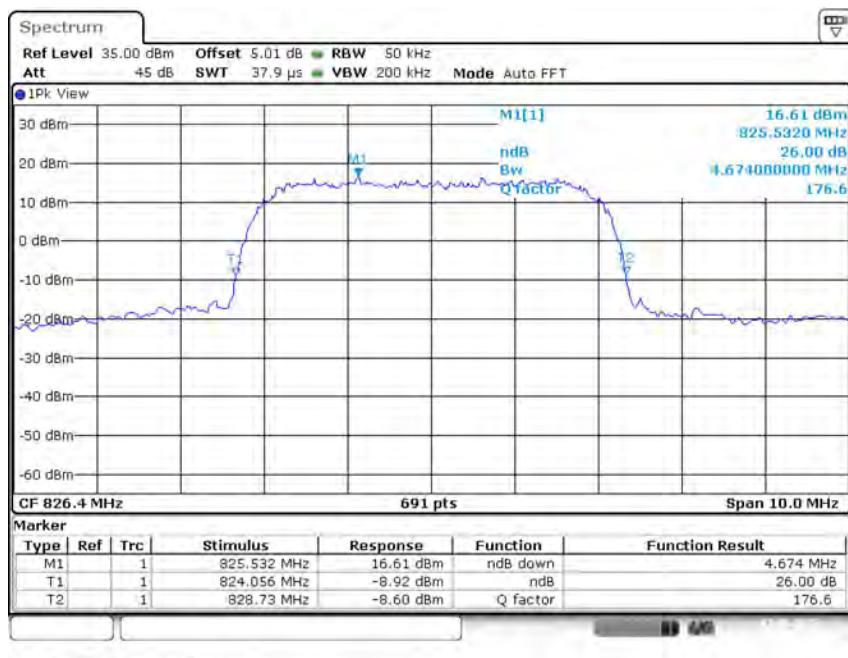
Date: 7, JUN, 2025 10:16:29

Channel 4233-Emission Bandwidth (-26dBc BW)

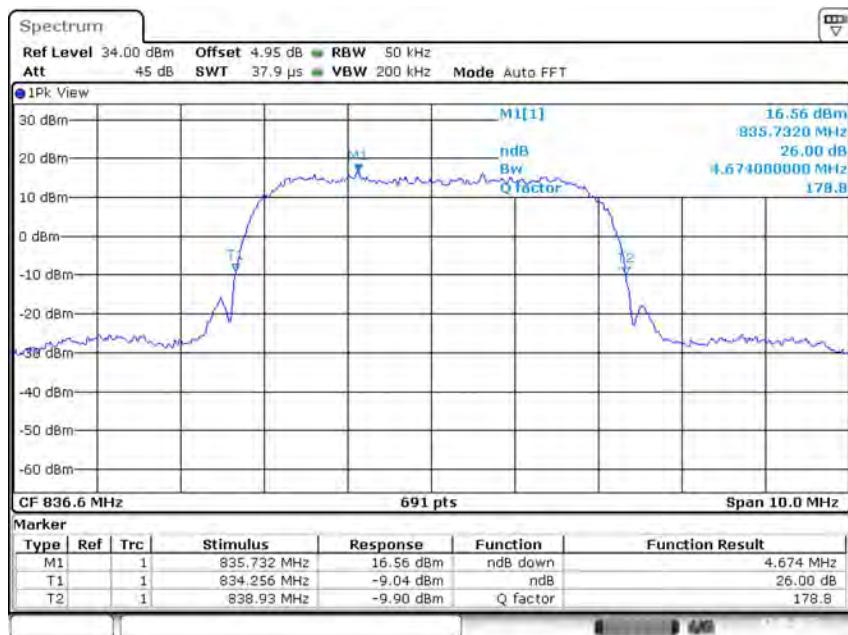


WCDMA Band V (-26dBc)-16QAM

Frequency (MHz)	Emission Bandwidth (-26dBc)(MHz)
826.4	4.674
836.6	4.674
846.6	4.674

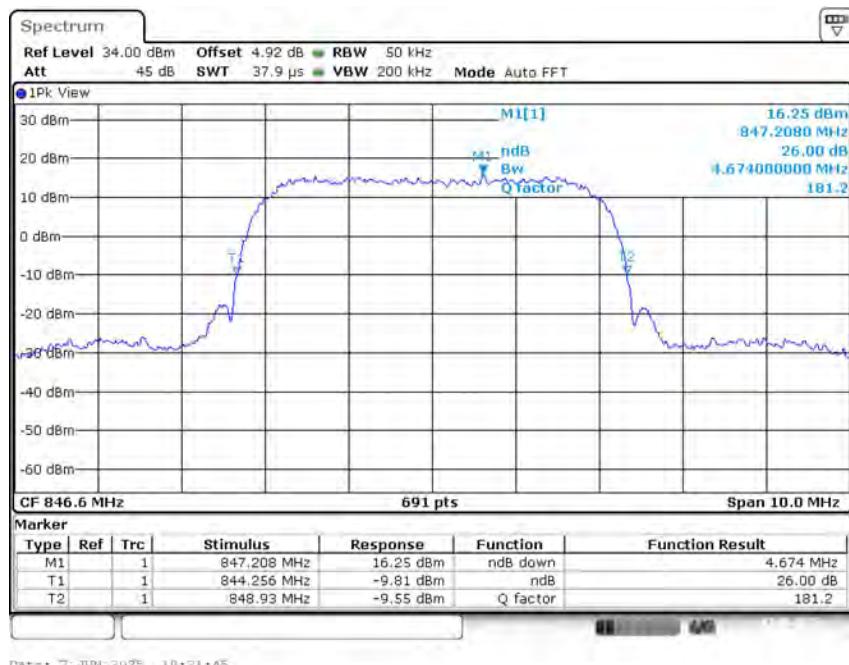
WCDMA Band V (-26dBc)
Channel 4132-Emission Bandwidth (-26dBc BW)


Date: 7, JUN, 2025 10:17:44

Channel 4183-Emission Bandwidth (-26dBc BW)


Date: 7, JUN, 2025 10:19:44

Channel 4233-Emission Bandwidth (-26dBc BW)



A.6 Band Edge Compliance

A.6.1 Measurement limit

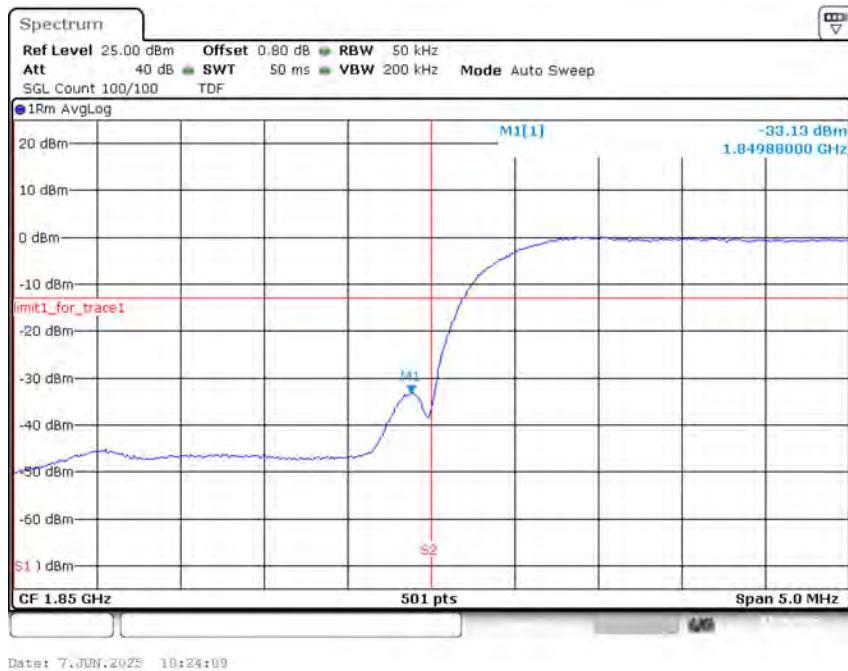
Part 22.917, Part 24.238 and Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to KDB 971168, a relaxation of the reference bandwidth is often provided for measurements within a specified frequency range at the edge of the authorized frequency block/band. This is often implemented by permitting the use of a narrower RBW (typically limited to a minimum RBW of 1% of the OBW) for measuring the out-of-band emissions without a requirement to integrate the result over the full reference bandwidth.

A.6.2 Measurement result

WCDMA Band II-QPSK

Channel 9262



Channel 9538

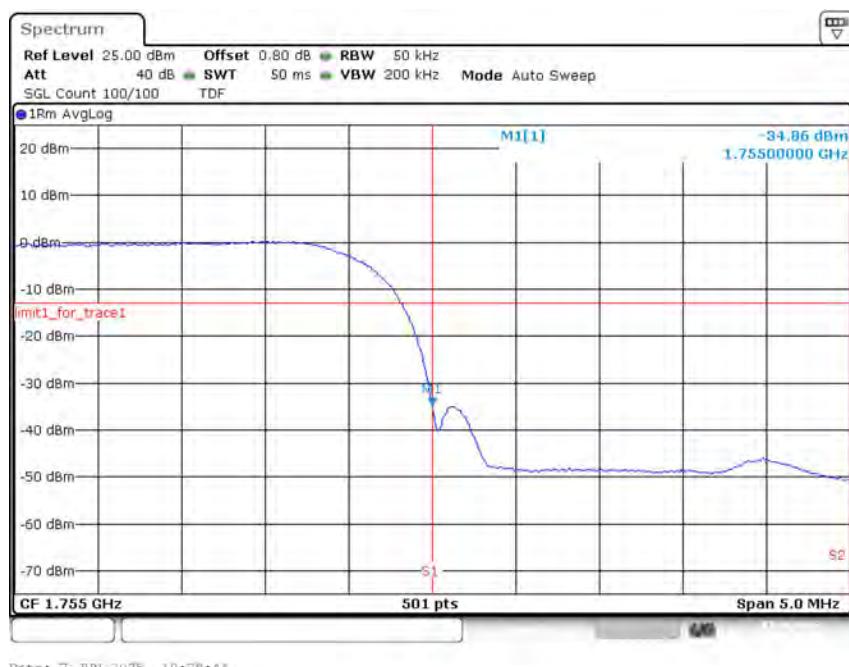


WCDMA Band IV-QPSK

Channel 1312



Channel 1513



WCDMA Band V-QPSK
Channel 4132

Channel 4233


A.7 Conducted Spurious Emission

A.7.1 Measurement Method

The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. In measuring unwanted emissions, the spectrum shall be investigated from 30 MHz or the lowest radio frequency signal generated in the equipment, whichever is lower, without going below 9 kHz, up to at least the frequency given below:
 - (a) If the equipment operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
 - (b) If the equipment operates at or above 10 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.
3. The number of sweep points of spectrum analyzer is greater than $2 \times \text{span}/\text{RBW}$.

A. 7.2 Measurement Limit

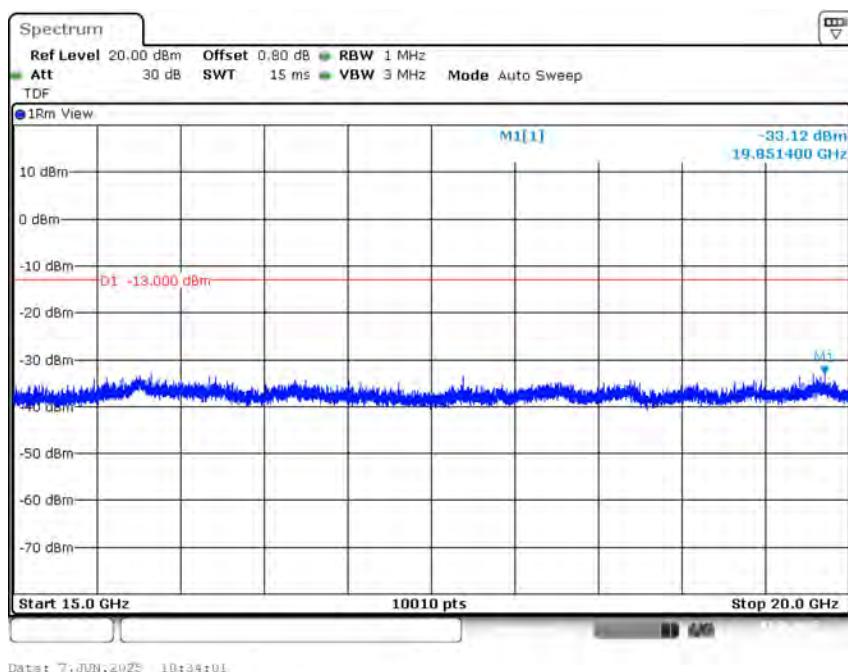
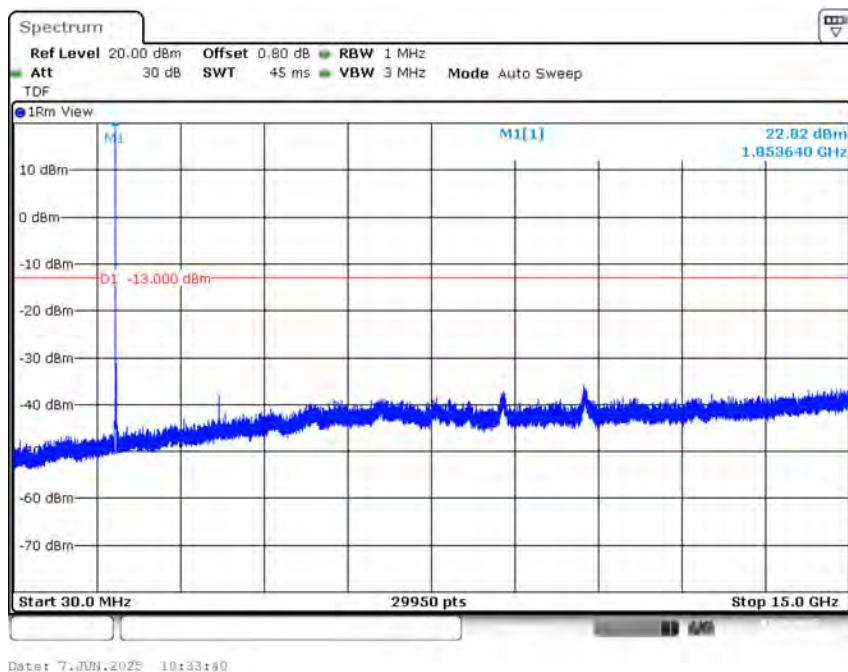
Part 22.917, Part 24.238 and Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

A.7.3 Measurement result

WCDMA Band II-QPSK

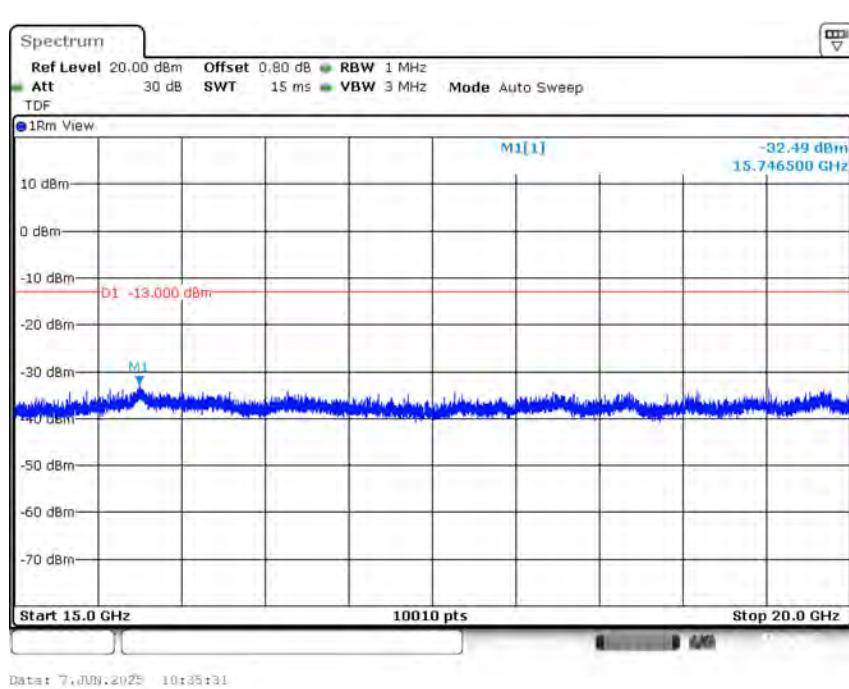
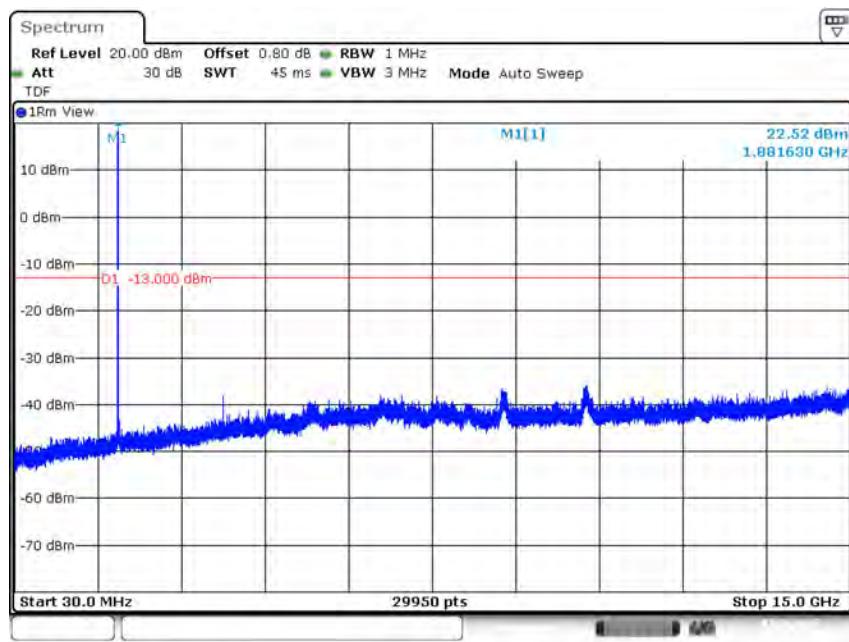
Channel 9262

NOTE: peak above the limit line is the carrier frequency.



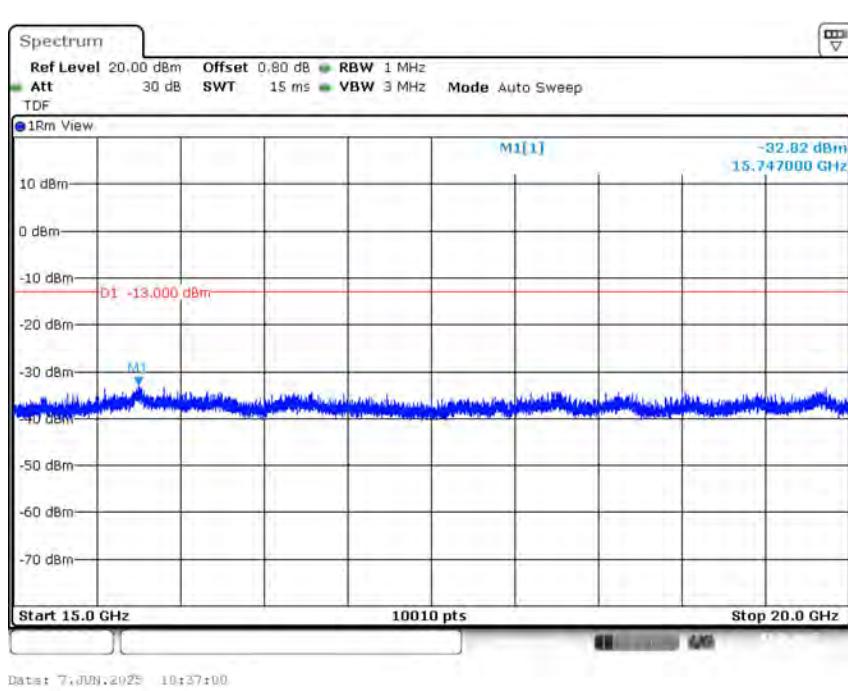
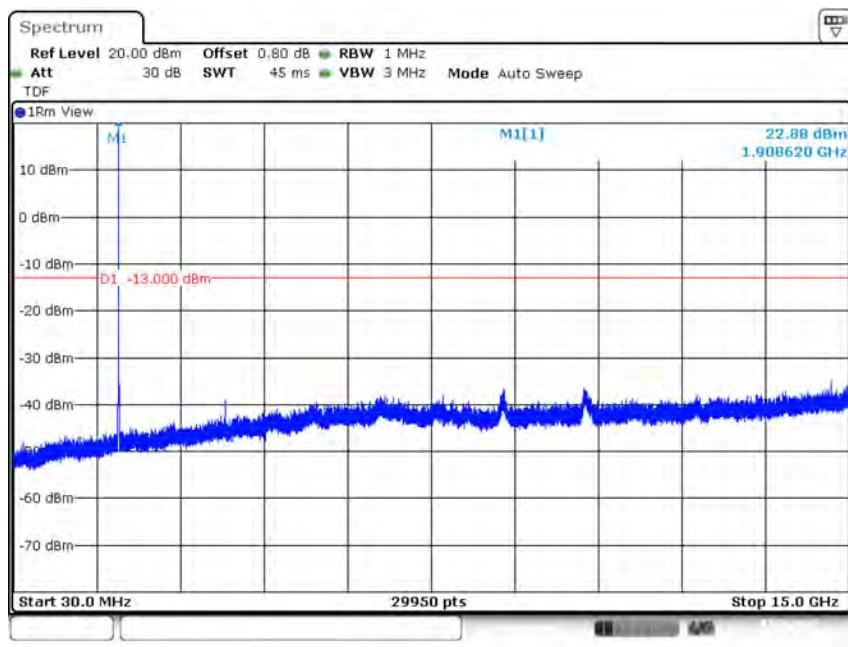
Channel 9400

NOTE: peak above the limit line is the carrier frequency.



Channel 9538

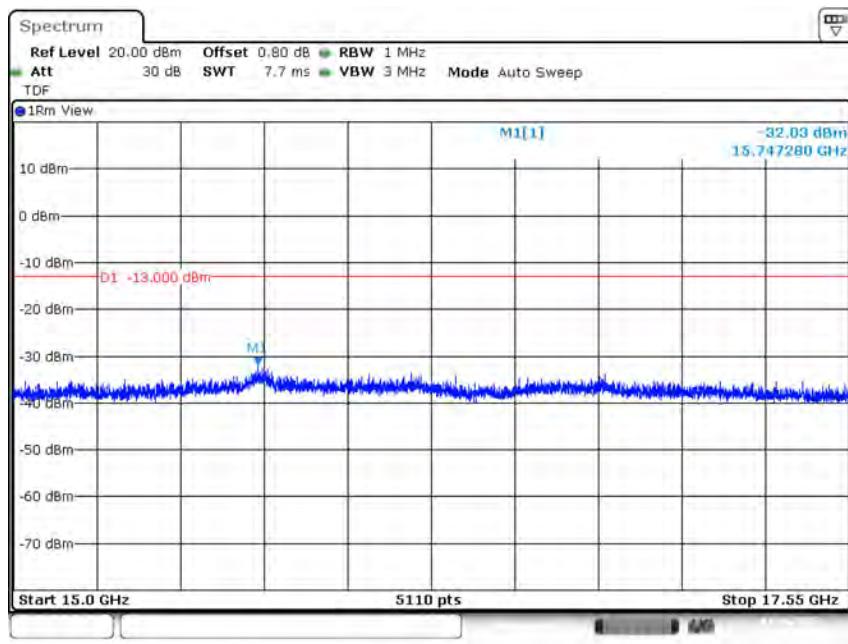
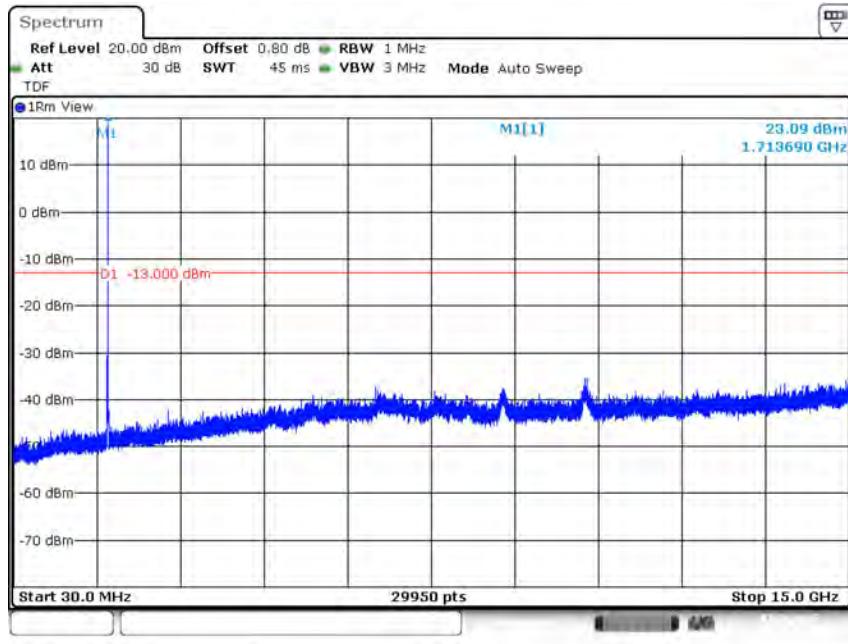
NOTE: peak above the limit line is the carrier frequency.

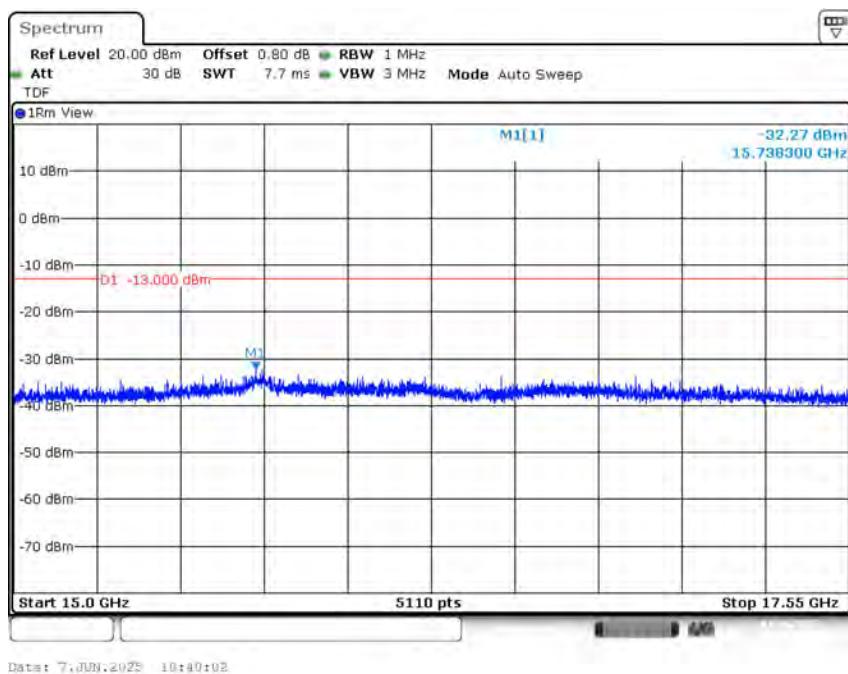
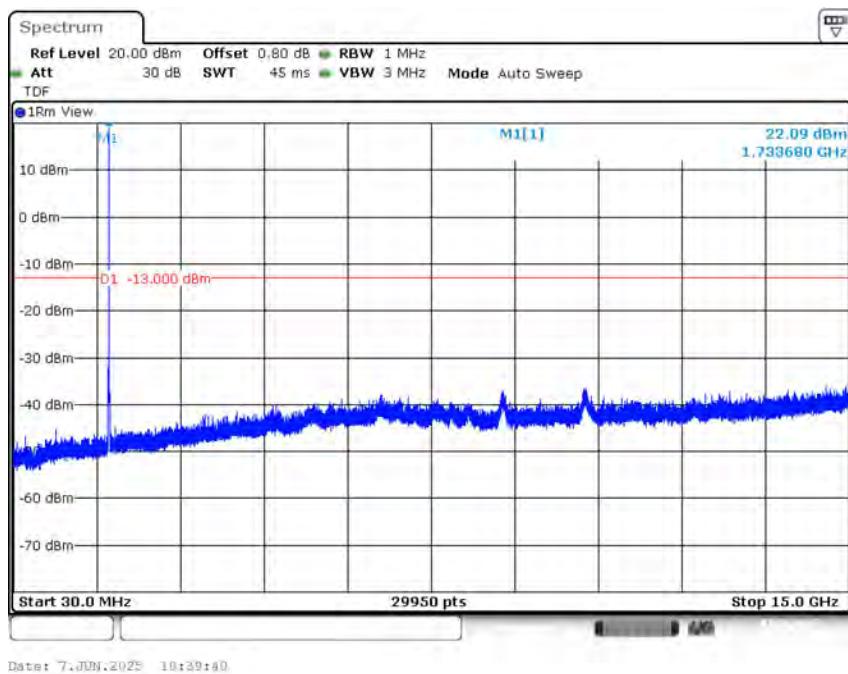


WCDMA Band IV-QPSK

Channel 1312

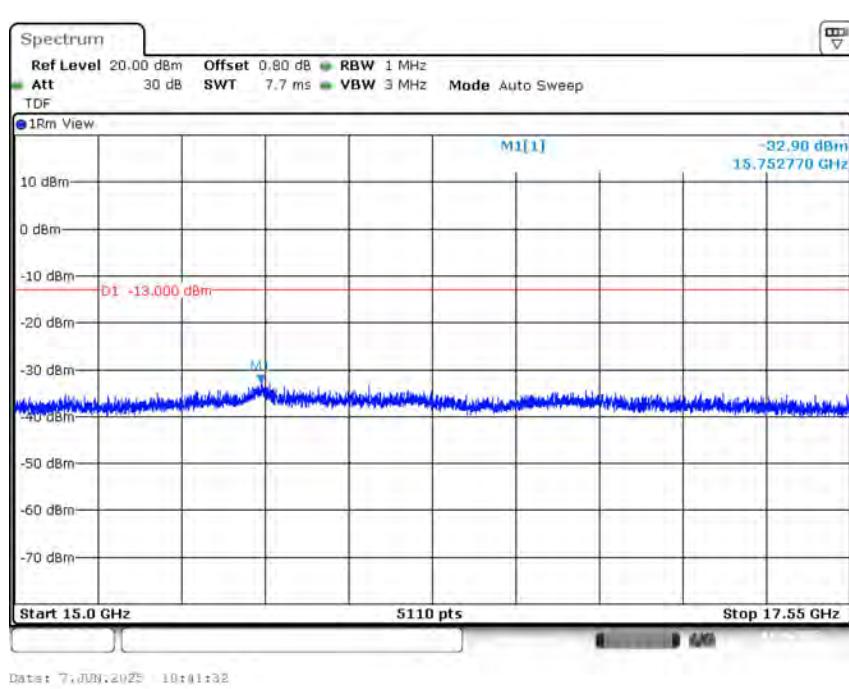
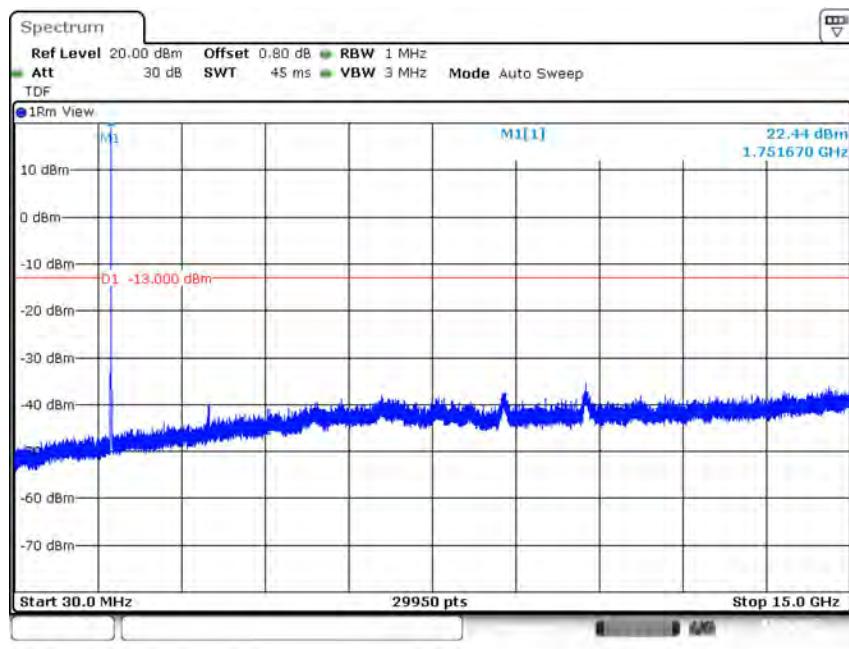
NOTE: peak above the limit line is the carrier frequency.



Channel 1412
NOTE: peak above the limit line is the carrier frequency.


Channel 1513

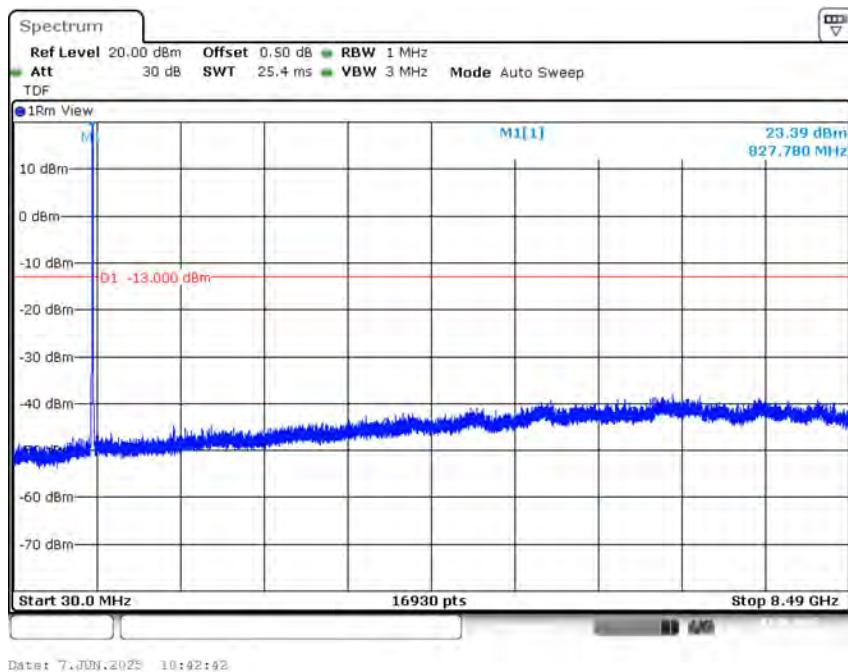
NOTE: peak above the limit line is the carrier frequency.



WCDMA Band V-QPSK

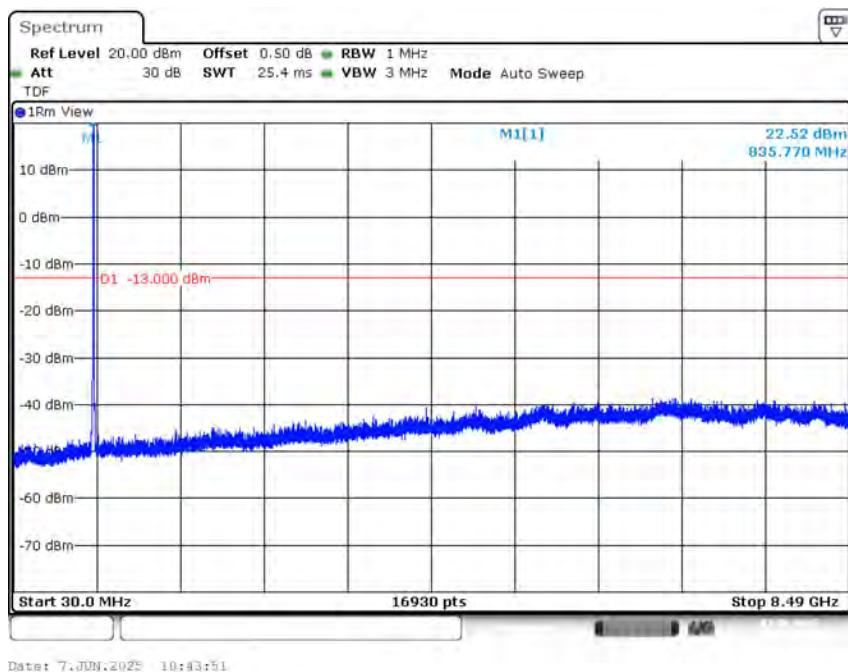
Channel 4132

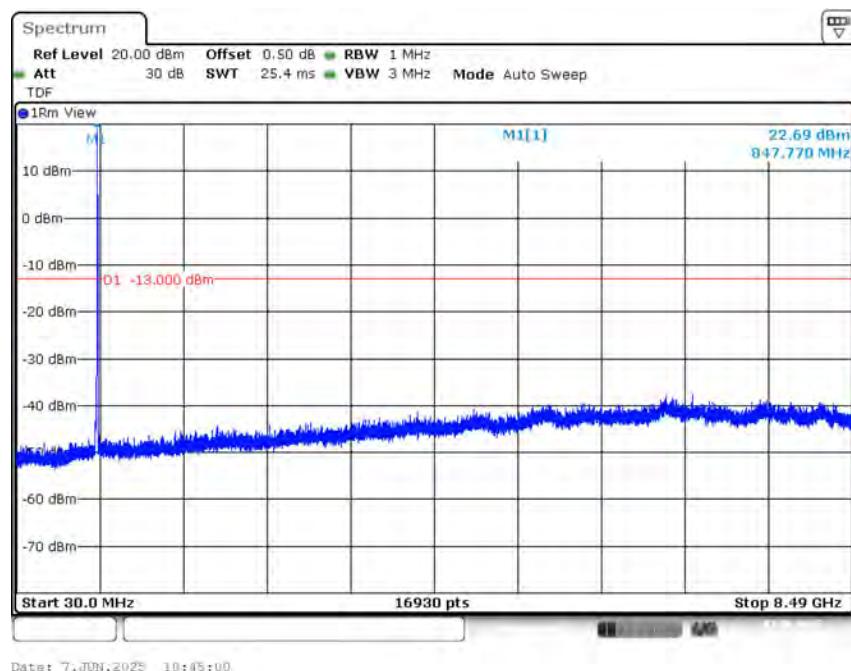
NOTE: peak above the limit line is the carrier frequency.



Channel 4183

NOTE: peak above the limit line is the carrier frequency.



Channel 4233**NOTE: peak above the limit line is the carrier frequency.**

A.8 Peak-to-Average Power Ratio

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Record the maximum PAPR level associated with a probability of 0.1%.

WCDMA Band II-QPSK

Measurement result

CH	Frequency (MHz)	PAPR (dB)
9400	1880	3.13

WCDMA Band II-16QAM

Measurement result

CH	Frequency (MHz)	PAPR (dB)
9400	1880	4.58

WCDMA Band IV-QPSK

Measurement result

CH	Frequency (MHz)	PAPR (dB)
1412	1732.4	3.04

WCDMA Band IV-16QAM

Measurement result

CH	Frequency (MHz)	PAPR (dB)
1412	1732.4	4.67

Annex B: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017
General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates
technical competence for a defined scope and the operation of a laboratory quality management system
(refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Presented this 23rd day of July 2024.



Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

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