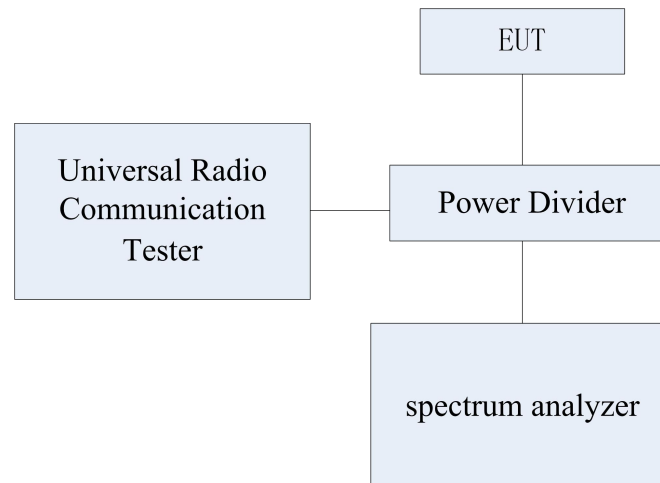


**Test Method:**

- 1) The EUT was coupled to the EMI test receiver analyzer mode and the base station simulator through a power divider. The loss of the cables the test system is calibrated to correct the readings.
- 2) The spectrum analyzer was set to Average Detector function and Maximum hold mode.
- 3) The resolution Bandwidth of the spectrum analyzer was a little greater than 1% of the emission Bandwidth.

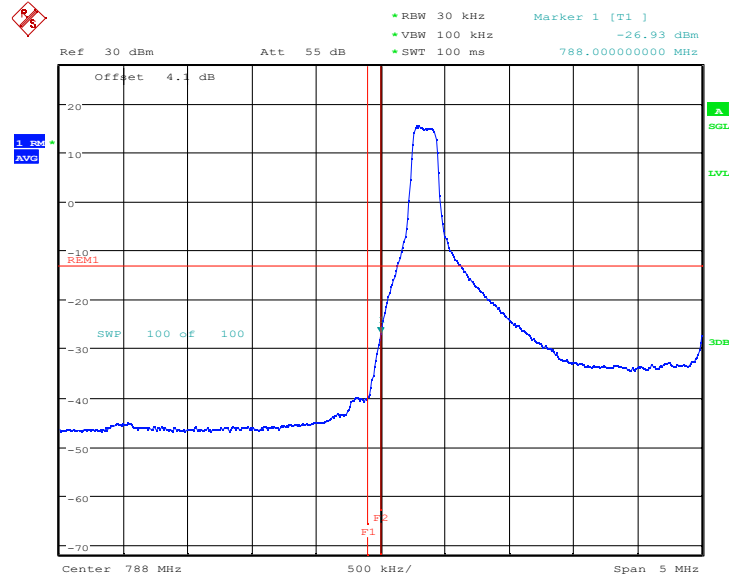
Note1: The Band Edge test data include QPSK and 16QAM. The following test results only reflect the data of the worse mode QPSK.

Note2: In this test item, the OBW test data do only use the OBW values to calculate RBW setting for the 1RB band edge test .

6.7.1 Band Edge Results

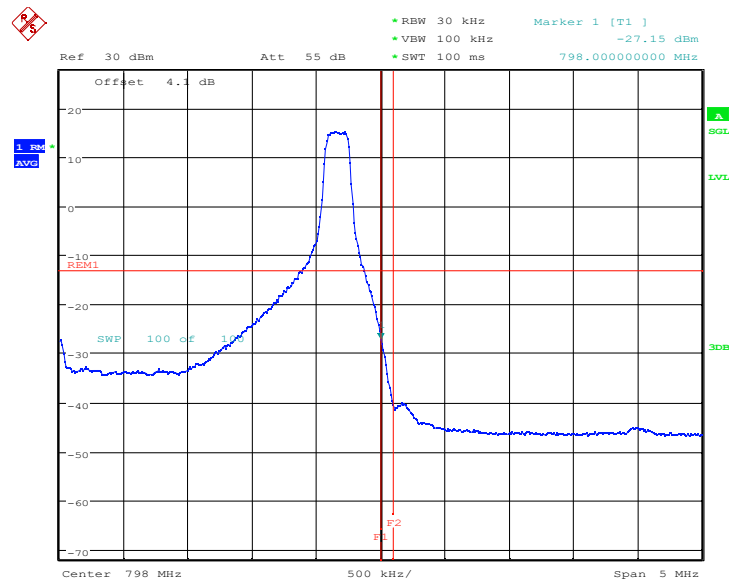
LTE band 14-5MHz

LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 19.DEC.2024 09:33:46

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



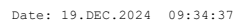
Date: 19.DEC.2024 09:35:34

Chongqing Academy of Information and Communications Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



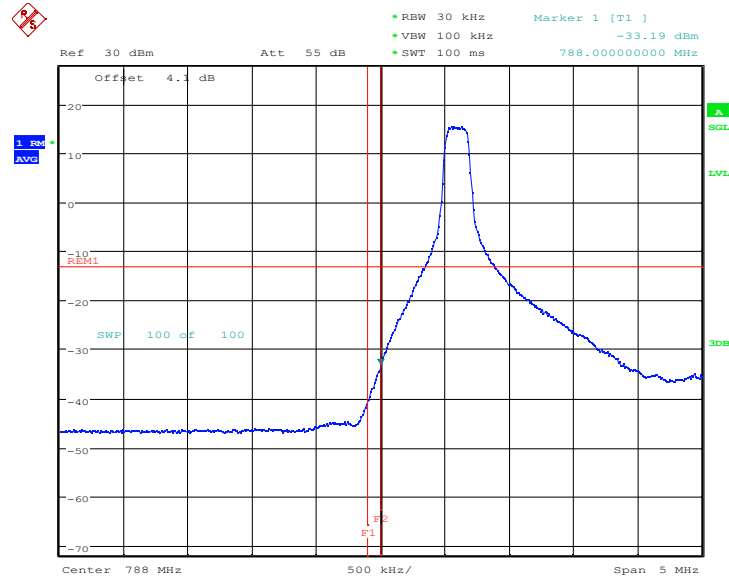
LOW BAND EDGE BLOCK-5MHz-100%RB



Date: 19.DEC.2024 09:36:26

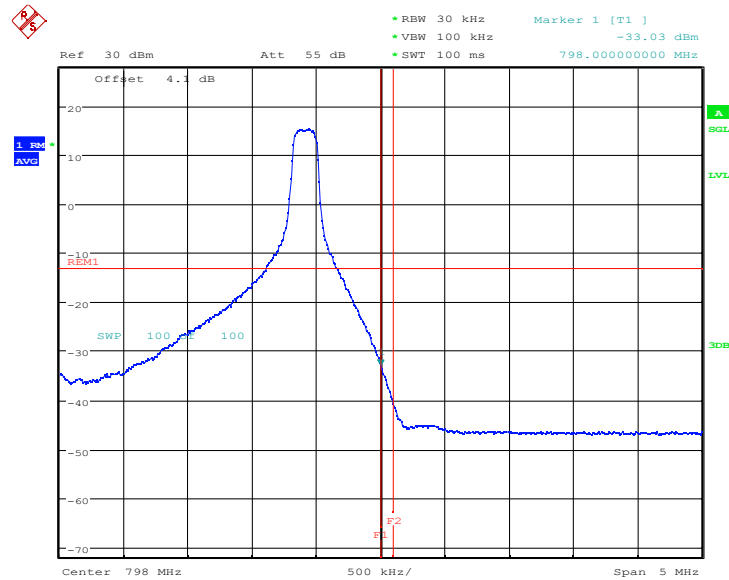
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777

LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 19.DEC.2024 09:37:32

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

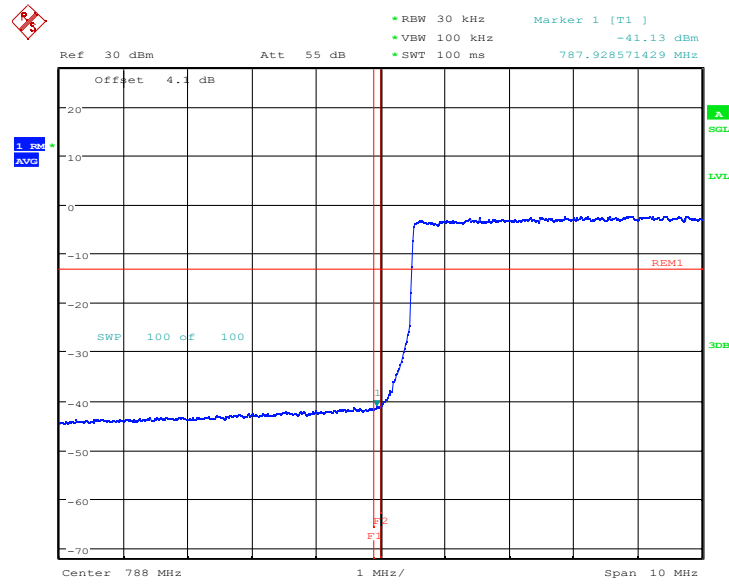


Date: 19.DEC.2024 09:39:16

LOW BAND EDGE BLOCK-10MHz-100%RB

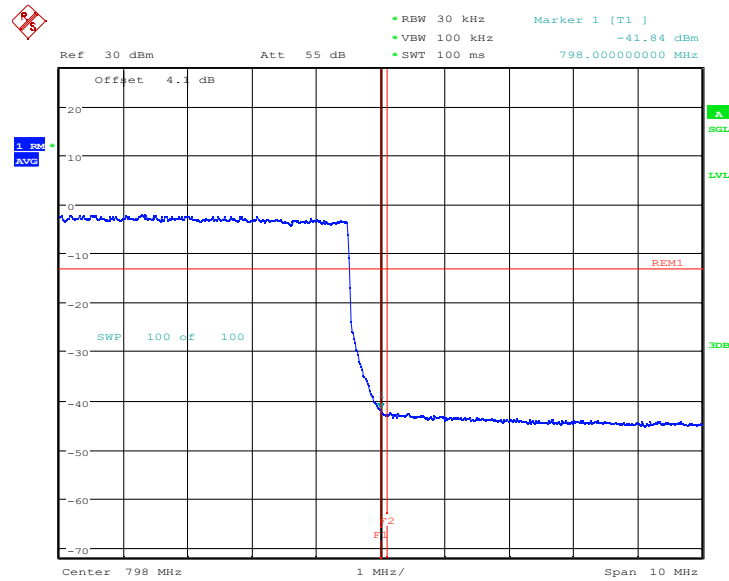
Chongqing Academy of Information and Communications Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Date: 19.DEC.2024 09:38:24

HIGH BAND EDGE BLOCK-10MHz-100%RB



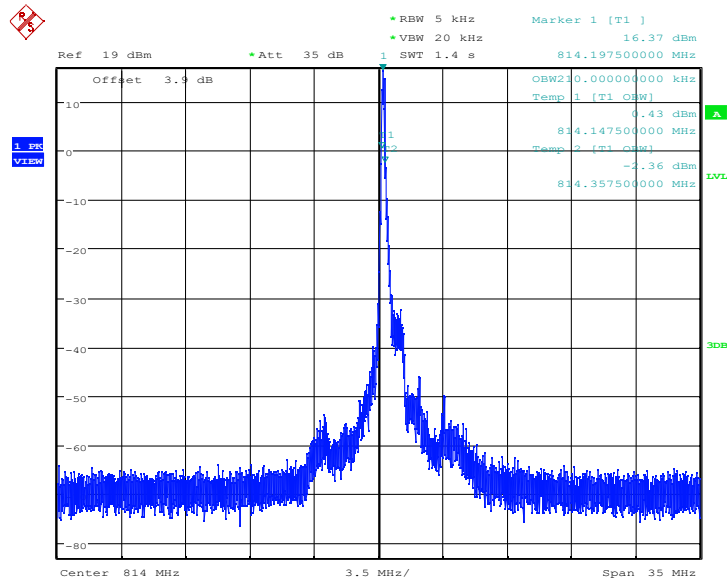
Date: 19.DEC.2024 09:40:10

LTE band 26_Part90-1.4MHz

OBW: 1RB-LOW_offset_1.4MHz

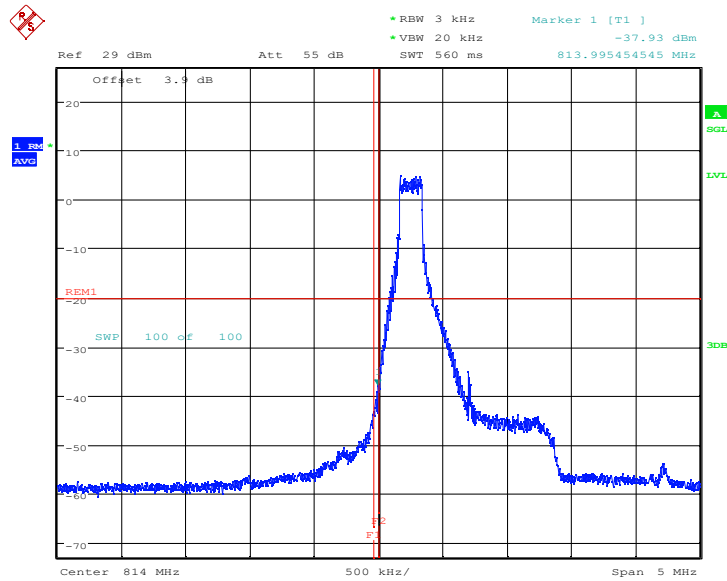
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 10:46:44

LOW BAND EDGE BLOCK-1RB-LOW_offset

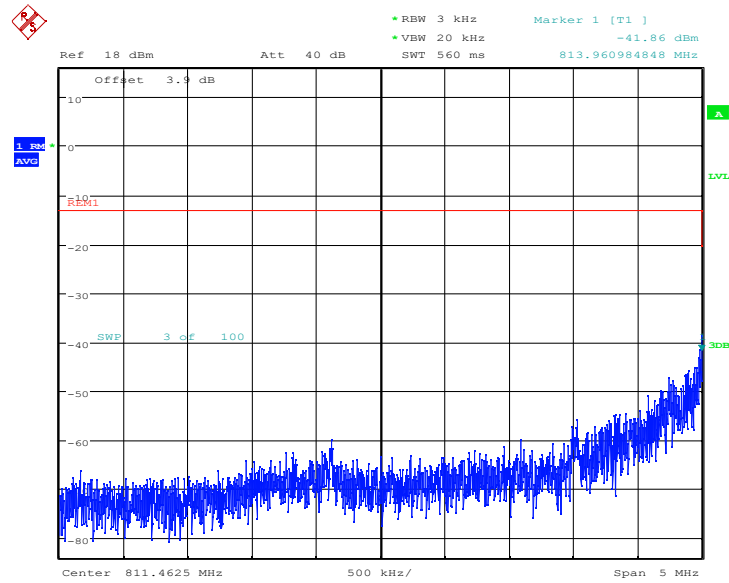


Date: 19.DEC.2024 10:48:04

LOW BAND EDGE BLOCK-1RB-LOW_offset

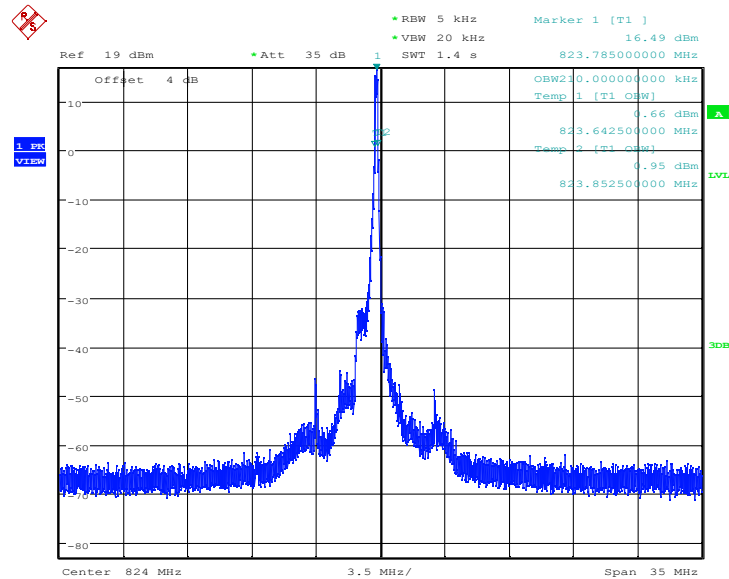
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 10:52:18

OBW: 1RB-HIGH_offset_1.4MHz

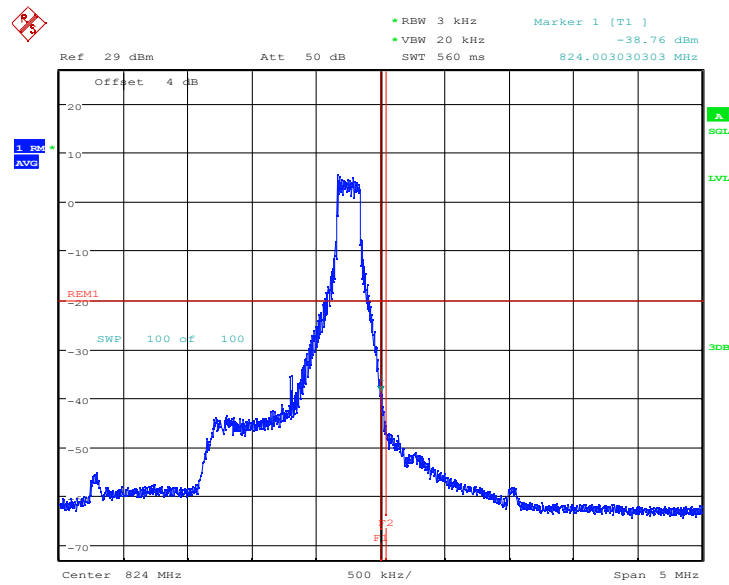


Date: 19.DEC.2024 10:56:24

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

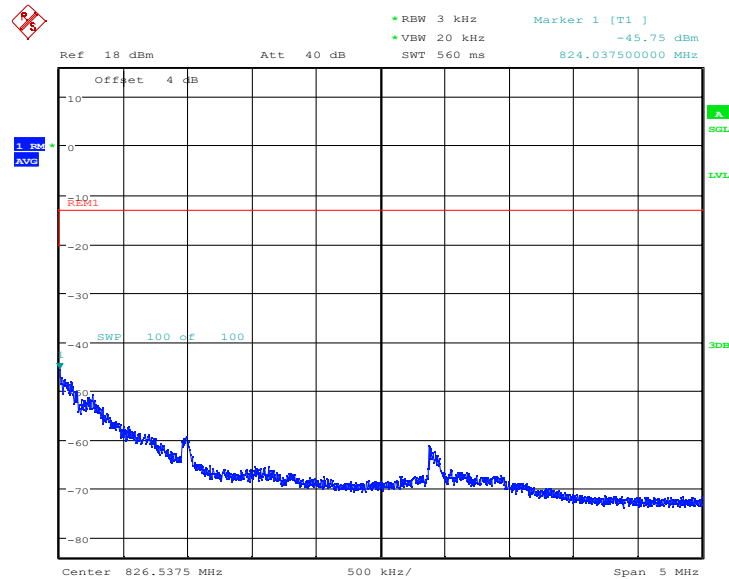
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 10:58:26

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

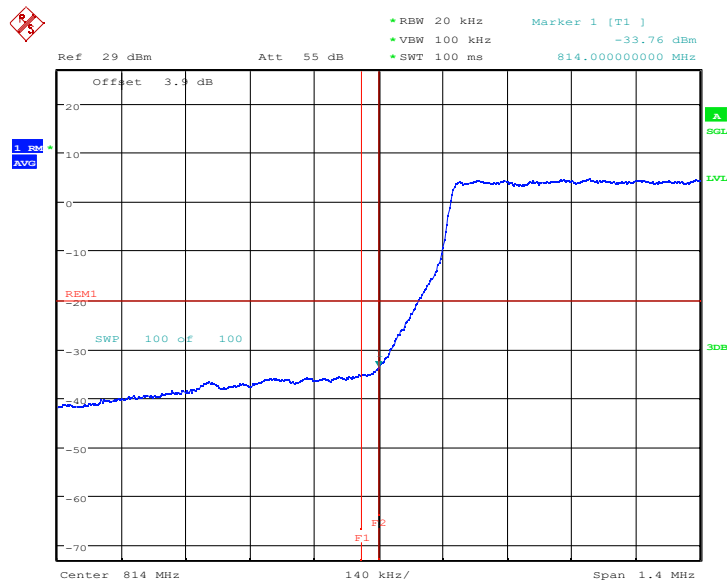


Date: 19.DEC.2024 11:00:00

LOW BAND EDGE BLOCK-1.4MHz-100%RB

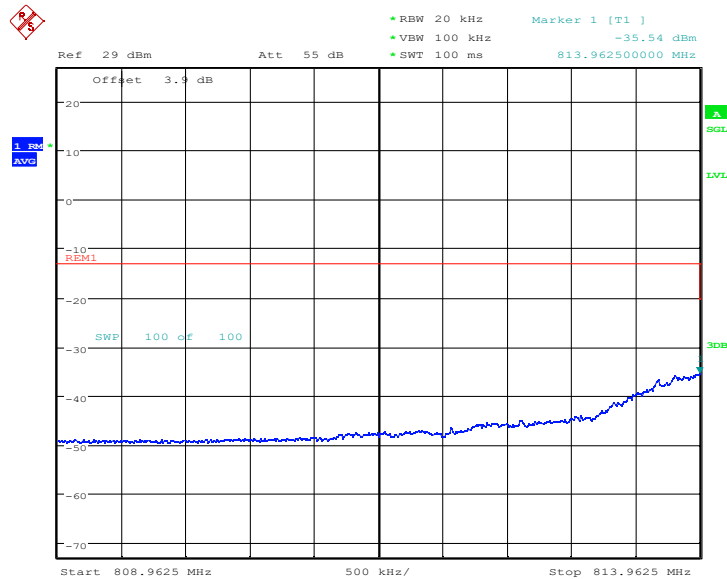
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 10:53:09

LOW BAND EDGE BLOCK-1.4MHz-100%RB

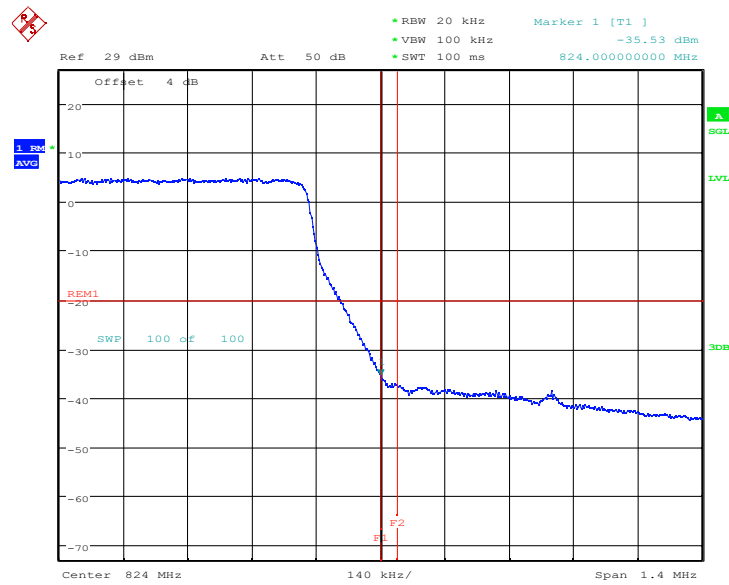


Date: 19.DEC.2024 10:53:59

HIGH BAND EDGE BLOCK-1.4MHz-100%RB

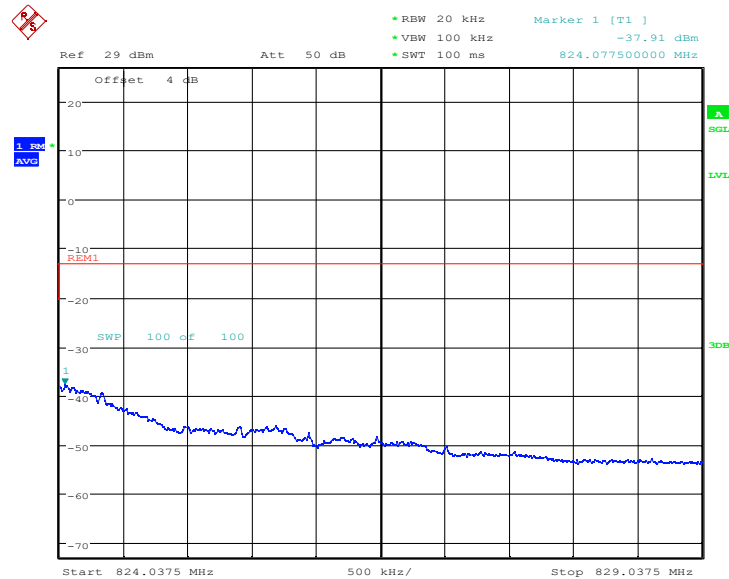
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:00:51

HIGH BAND EDGE BLOCK-1.4MHz-100%RB



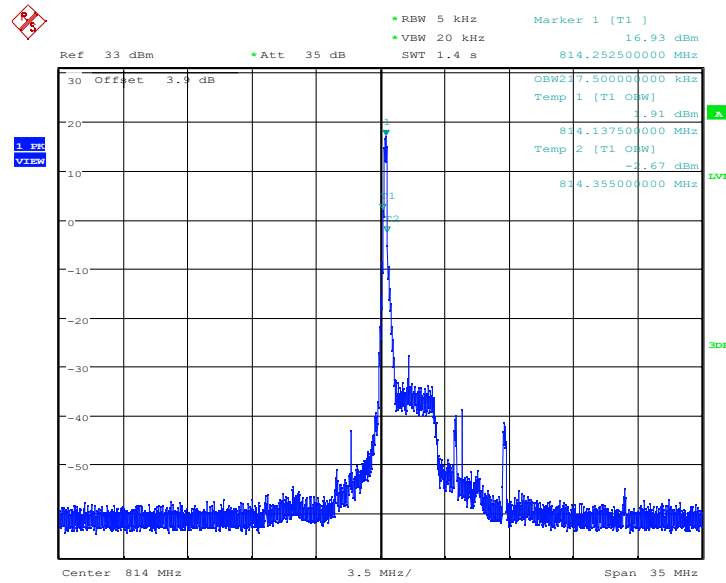
Date: 19.DEC.2024 11:01:42

LTE band 26_Part90-3MHz

OBW: 1RB-LOW_offset_3MHz

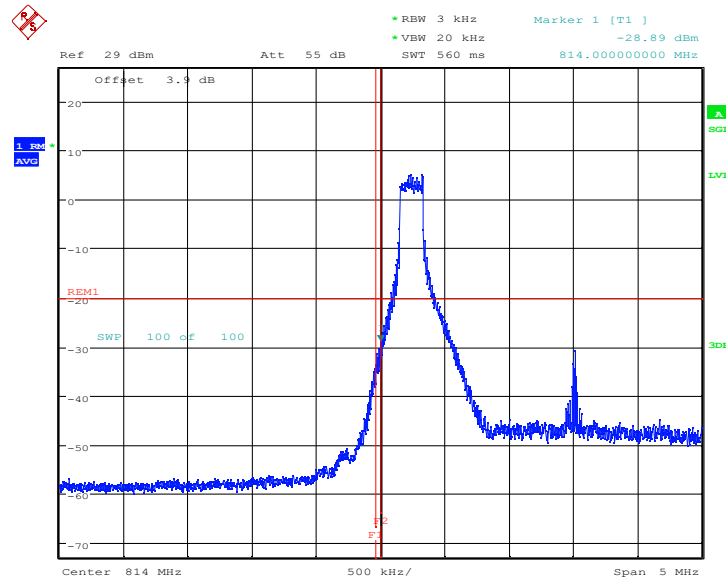
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:03:56

LOW BAND EDGE BLOCK-1RB-LOW_offset

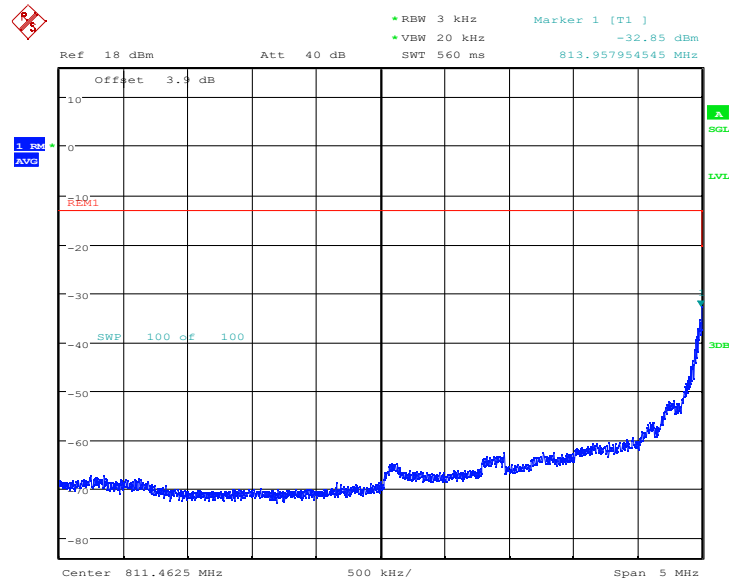


Date: 19.DEC.2024 11:05:28

LOW BAND EDGE BLOCK-1RB-LOW_offset

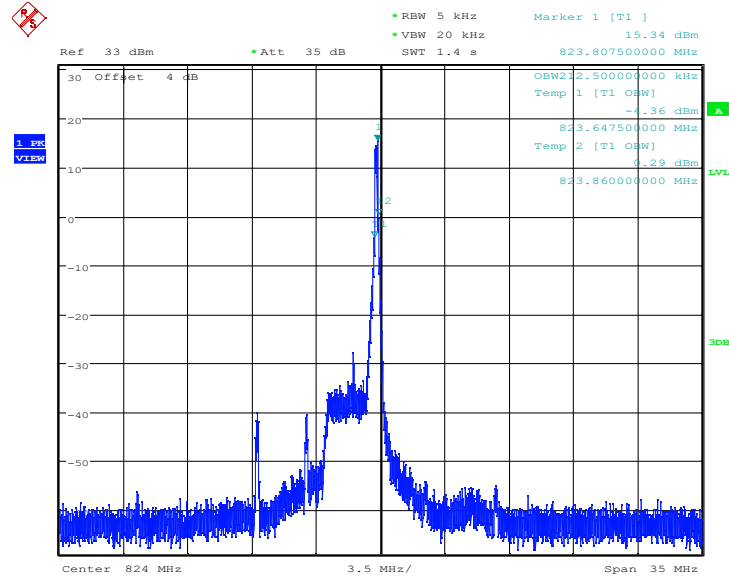
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:06:45

OBW: 1RB-HIGH_offset_3MHz



Date: 19.DEC.2024 11:09:01

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Chongqing Academy of Information and Communications Technology

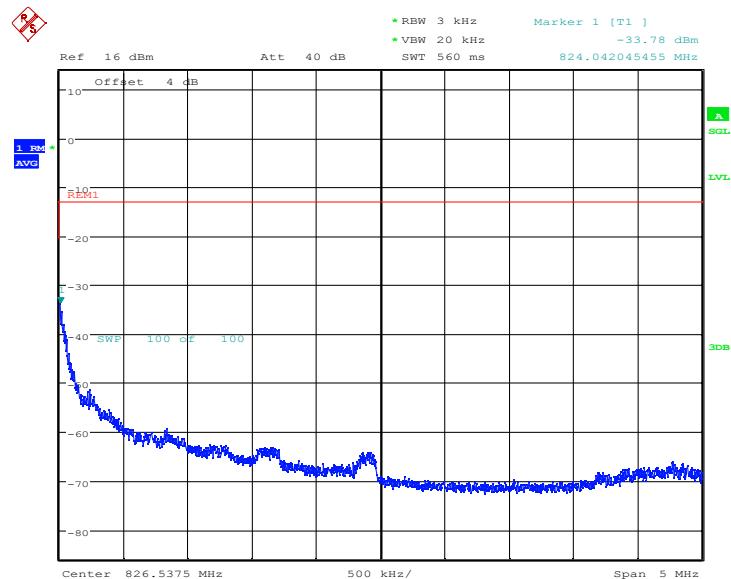
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



The screenshot shows a Spectrum Analyzer interface with the following details:

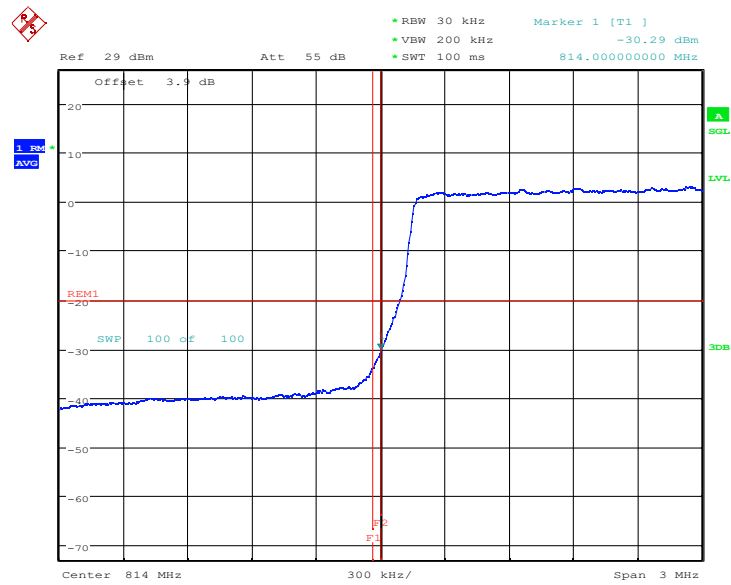
- Top Bar:**
 - Left: A red diamond icon with a white 'X' inside.
 - Center: "Ref 29 dBm" and "Att 50 dB".
 - Right: "SWT 560 ms" and "824.001515152 MHz".
- Left Panel:**
 - Top: "1 SSB" and "AVG" in blue boxes.
 - Bottom: "1 SSB" and "AVG" in blue boxes.
- Plot Area:**
 - Grid: A 10x10 grid with major lines every 10 dB and minor lines every 2 dB.
 - Signal: A blue trace showing a noisy signal with a prominent peak at 824 MHz.
 - Reference Line: A vertical red line at 824 MHz.
 - Horizontal Line: A red line at -20 dB labeled "REML".
 - Labels: "Offset 4 dB" at the top left, "2 dB" and "100" in green near the peak, and "SWP" in green on the left.
- Right Panel:**
 - Top: "Marker 1 [T1]" and "-24.48 dBm".
 - Bottom: "A SGL", "INL", and "3DB" in green.
- Bottom Bar:**
 - Center: "Center 824 MHz" and "500 kHz/".
 - Right: "Span 5 MHz".

HIGH BAND EDGE BLOCK-1RB-HIGH_offset



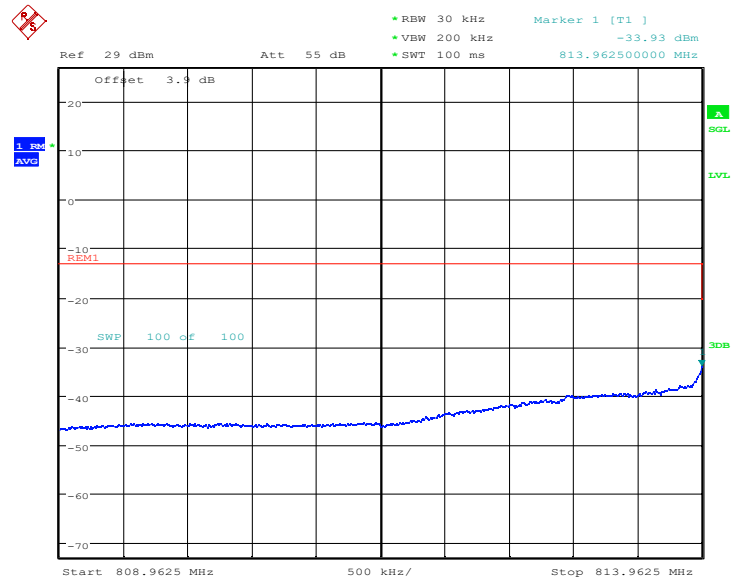
LOW BAND EDGE BLOCK-3MHz-100%RB

Page 180 of 278



Date: 19.DEC.2024 11:07:43

LOW BAND EDGE BLOCK-3MHz-100%RB

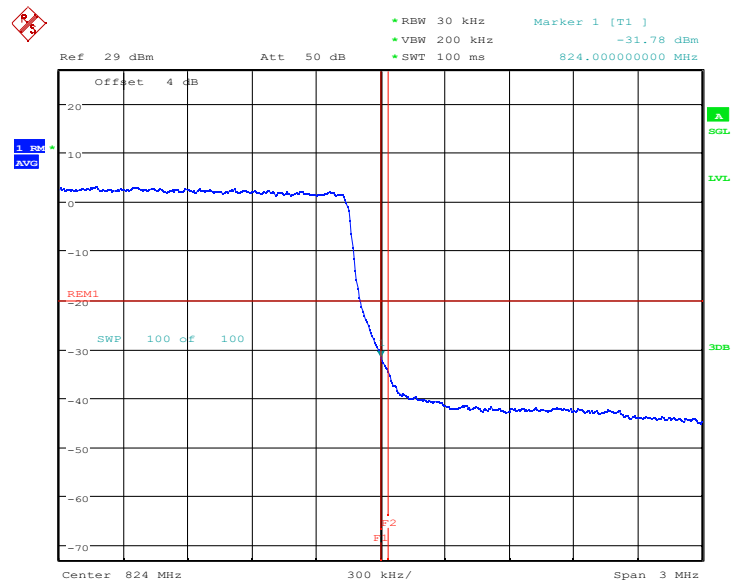


Date: 19.DEC.2024 11:08:34

HIGH BAND EDGE BLOCK-3MHz-100%RB

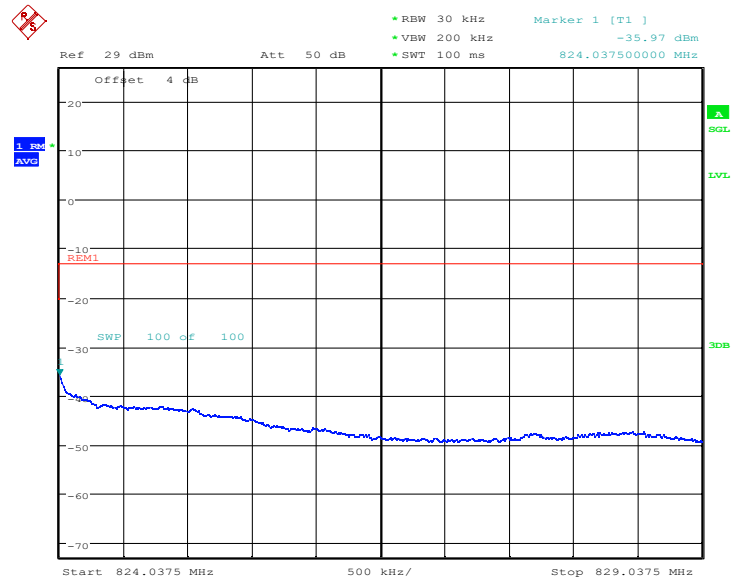
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:12:37

HIGH BAND EDGE BLOCK-3MHz-100%RB



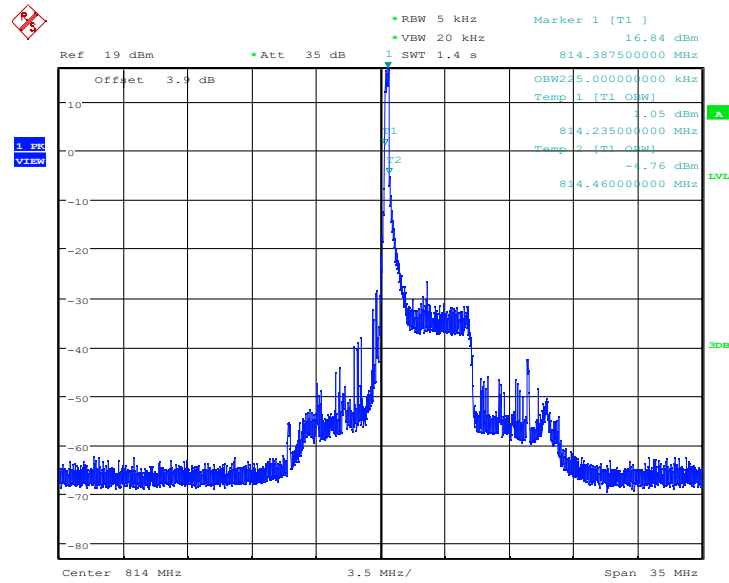
Date: 19.DEC.2024 11:13:28

LTE band 26_Part90-5MHz

OBW: 1RB-LOW_offset_5MHz

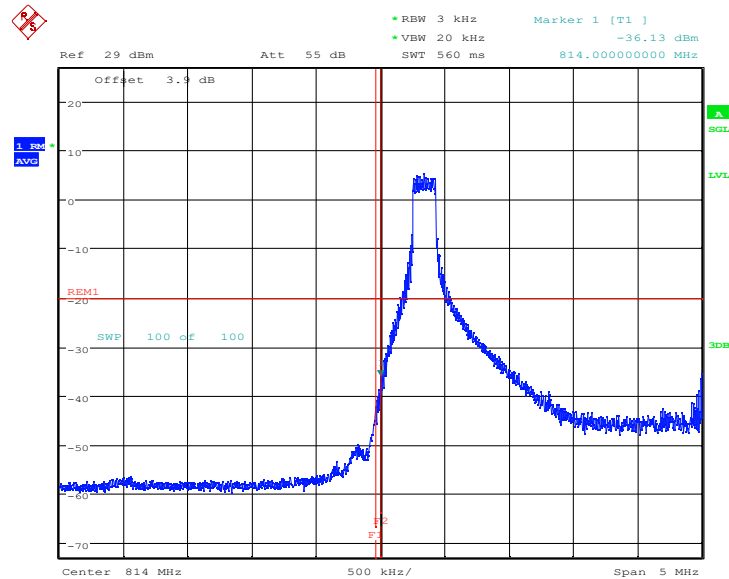
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:17:21

LOW BAND EDGE BLOCK-1RB-LOW_offset

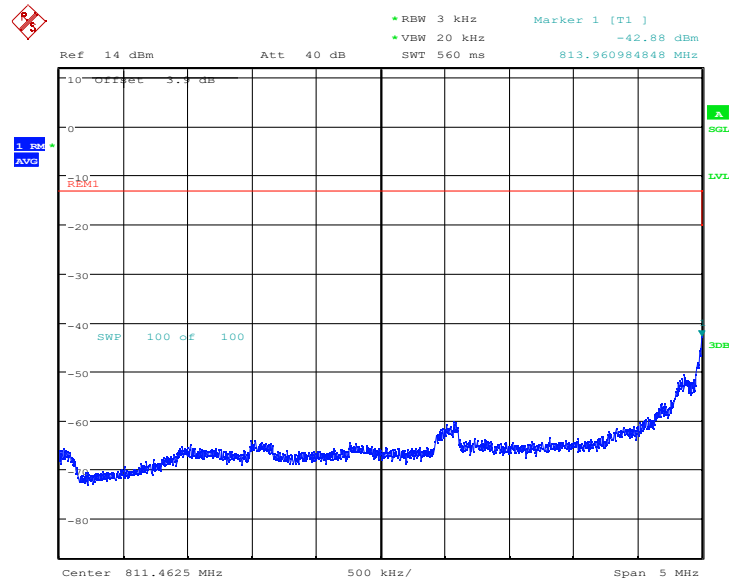


Date: 19.DEC.2024 11:19:17

LOW BAND EDGE BLOCK-1RB-LOW_offset

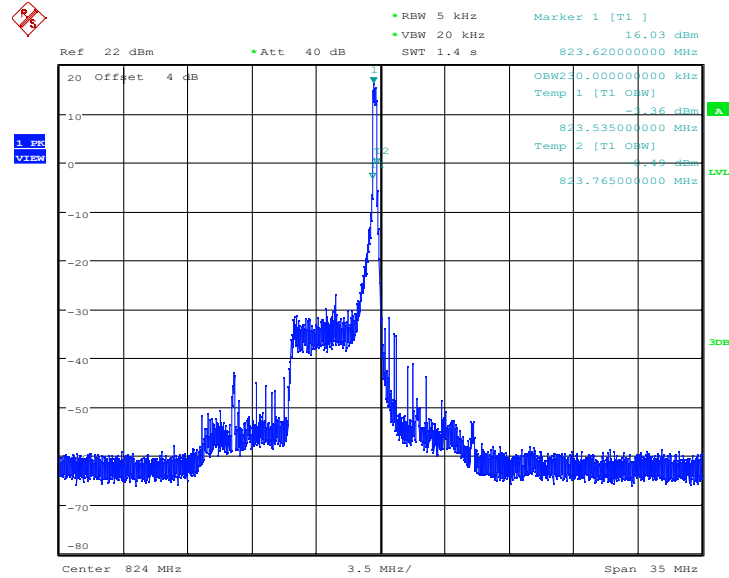
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:21:12

OBW: 1RB-HIGH_offset_5MHz



Date: 19.DEC.2024 11:26:08

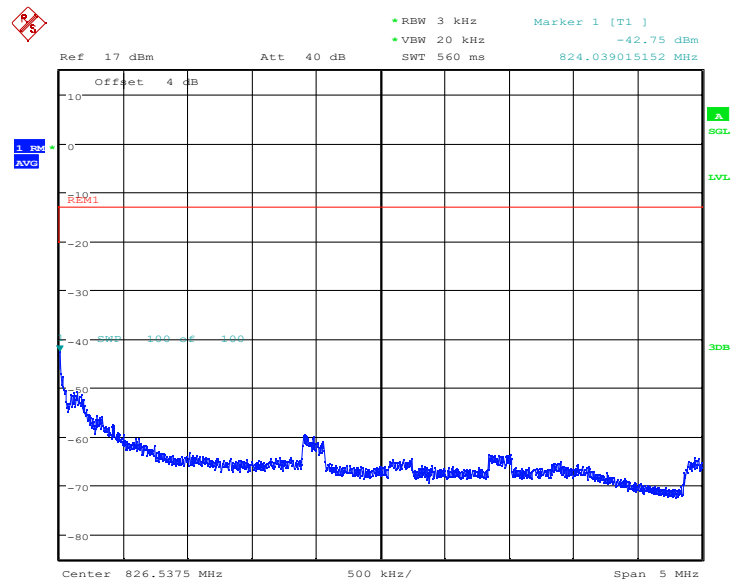
HIGH BAND EDGE BLOCK-1RB-HIGH_offset

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777

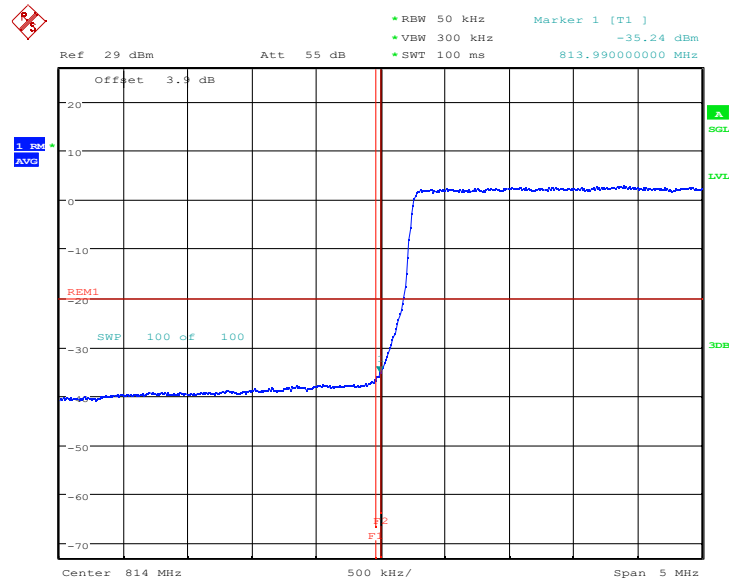


HIGH BAND EDGE BLOCK-1RB-HIGH_offset



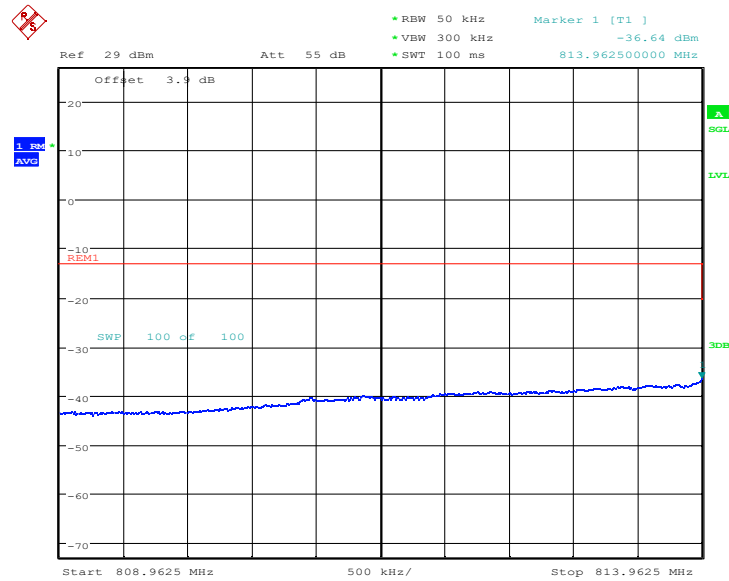
LOW BAND EDGE BLOCK-5MHz-100%RB

Page 185 of 278



Date: 19.DEC.2024 11:22:03

LOW BAND EDGE BLOCK-5MHz-100%RB

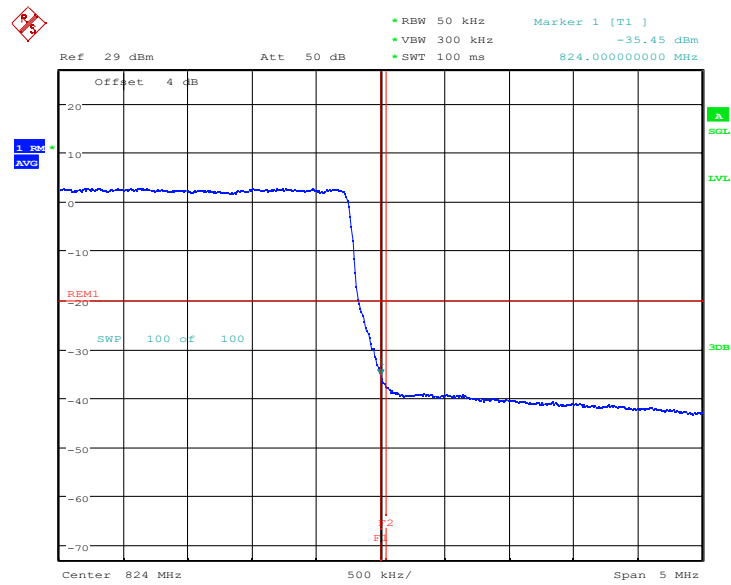


Date: 19.DEC.2024 11:22:54

HIGH BAND EDGE BLOCK-5MHz-100%RB

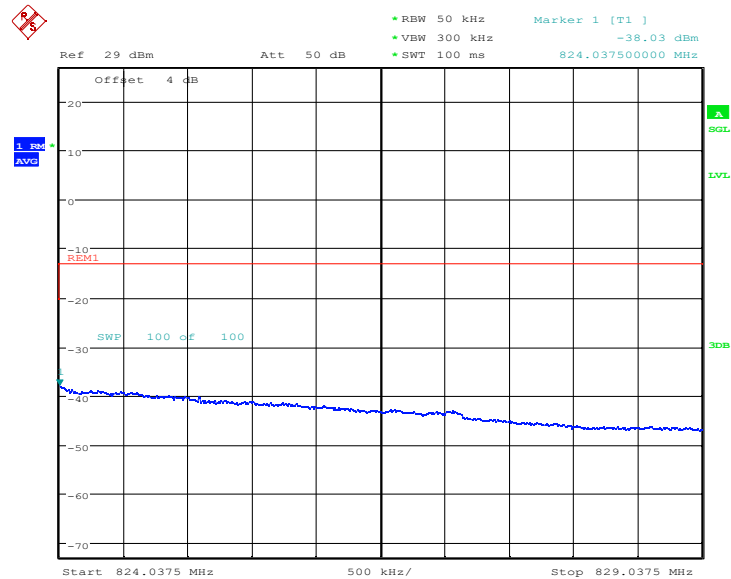
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:31:30

HIGH BAND EDGE BLOCK-5MHz-100%RB



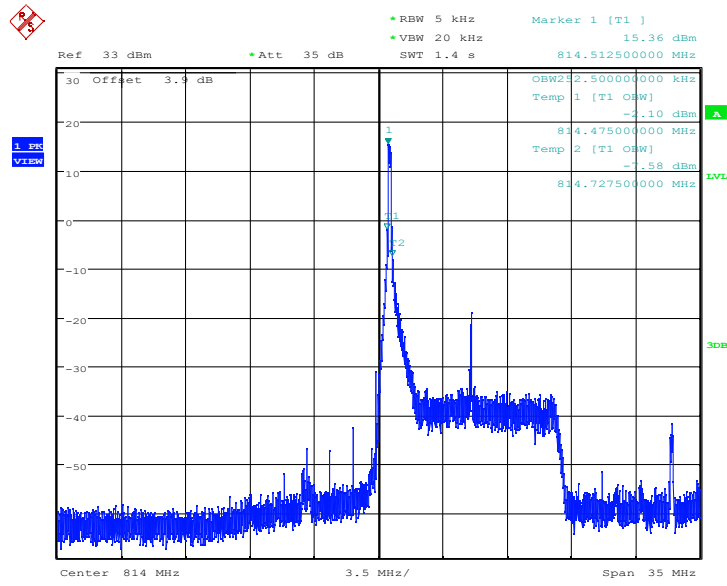
Date: 19.DEC.2024 11:32:21

LTE band 26_Part90-10MHz

OBW: 1RB-LOW_offset_10MHz

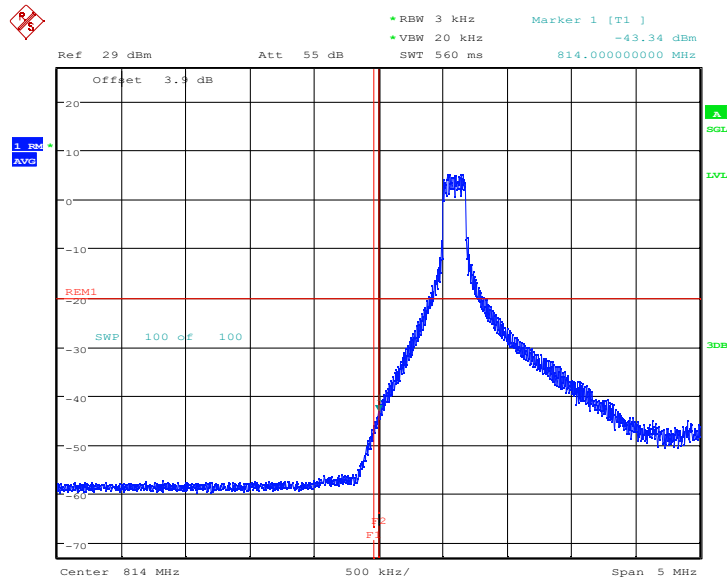
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:33:04

LOW BAND EDGE BLOCK-1RB-LOW_offset

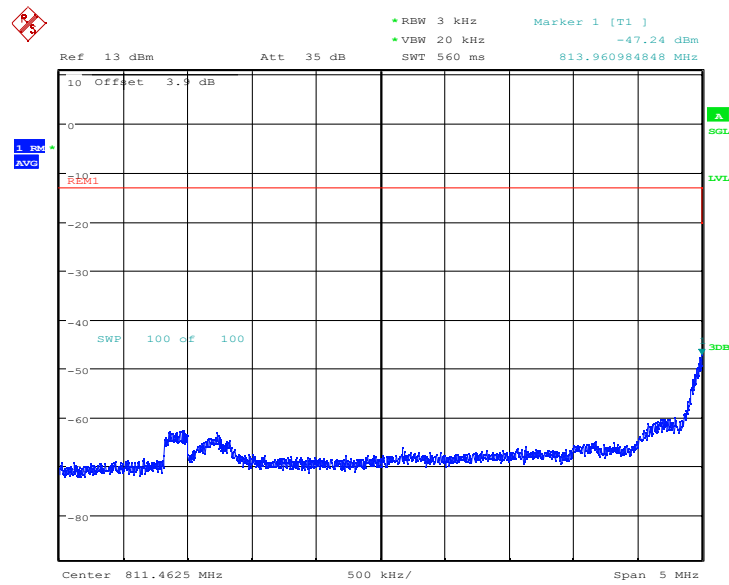


Date: 19.DEC.2024 11:34:17

LOW BAND EDGE BLOCK-1RB-LOW_offset

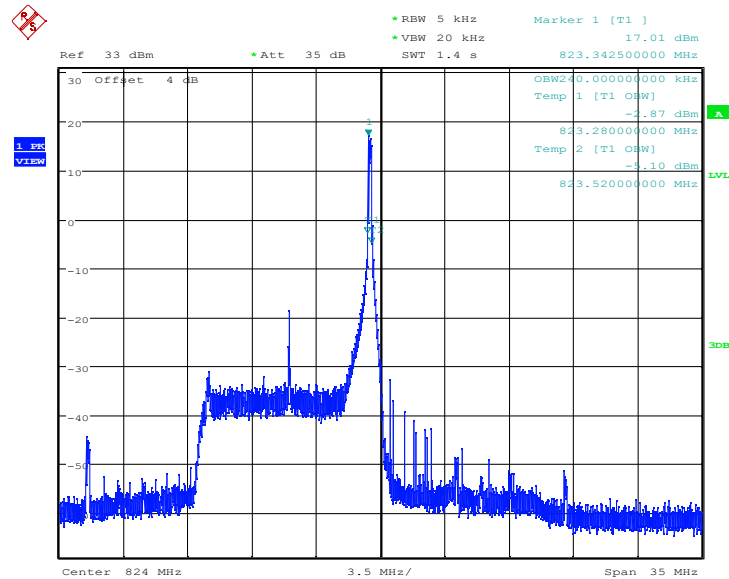
Chongqing Academy of Information and Communications Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Date: 19.DEC.2024 11:35:48

OBW: 1RB-HIGH_offset_10MHz

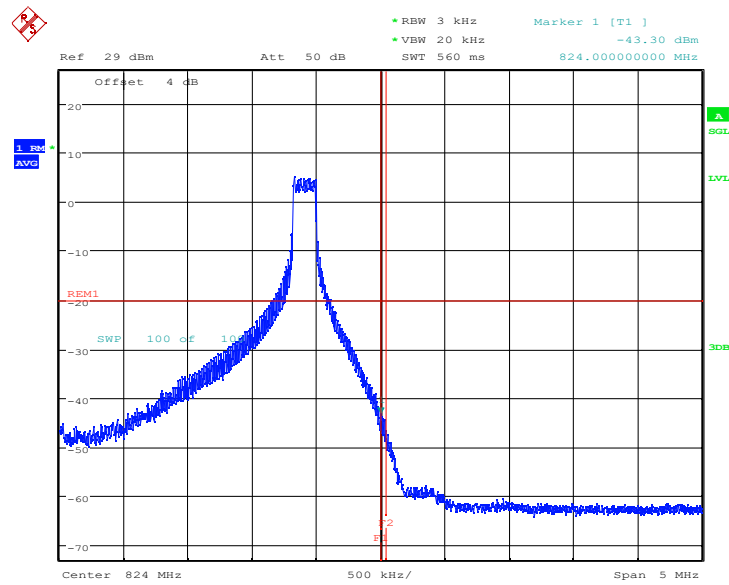


Date: 19.DEC.2024 11:47:58

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

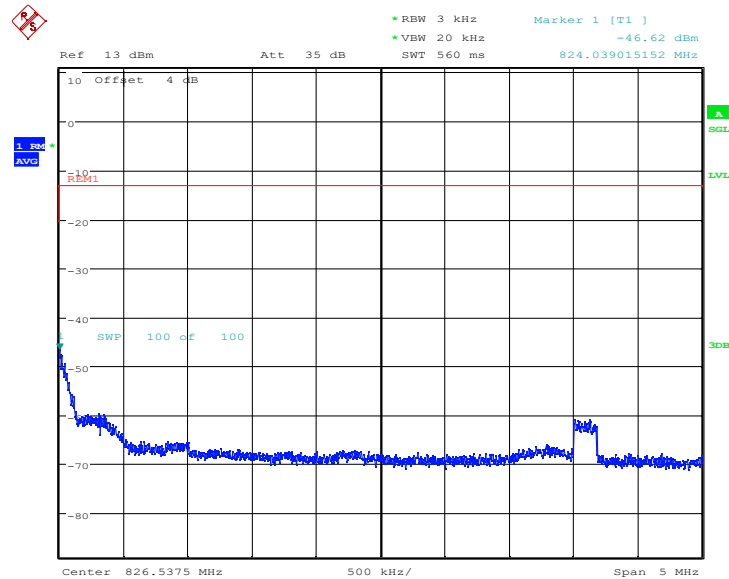
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:49:38

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

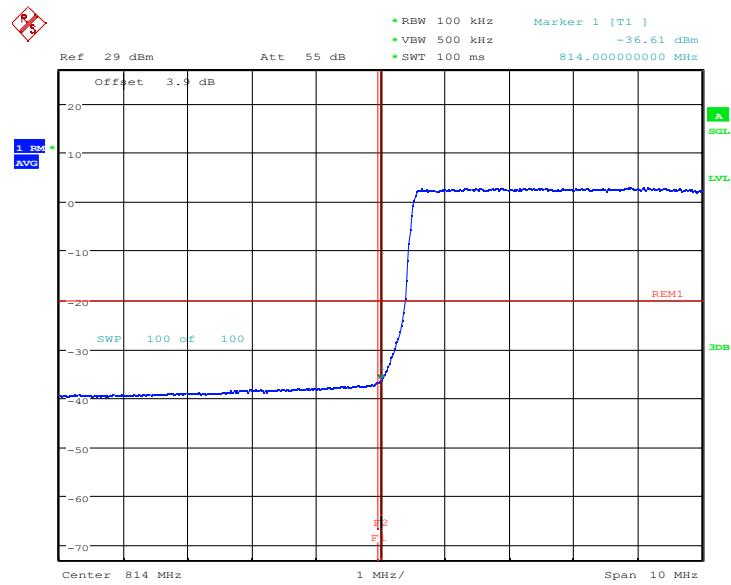


Date: 19.DEC.2024 11:51:03

LOW BAND EDGE BLOCK-10MHz-100%RB

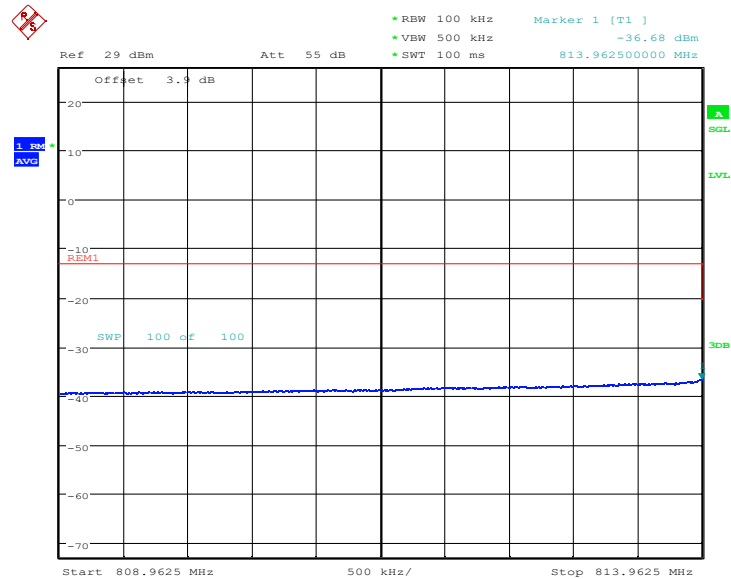
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



Date: 19.DEC.2024 11:36:40

LOW BAND EDGE BLOCK-10MHz-100%RB

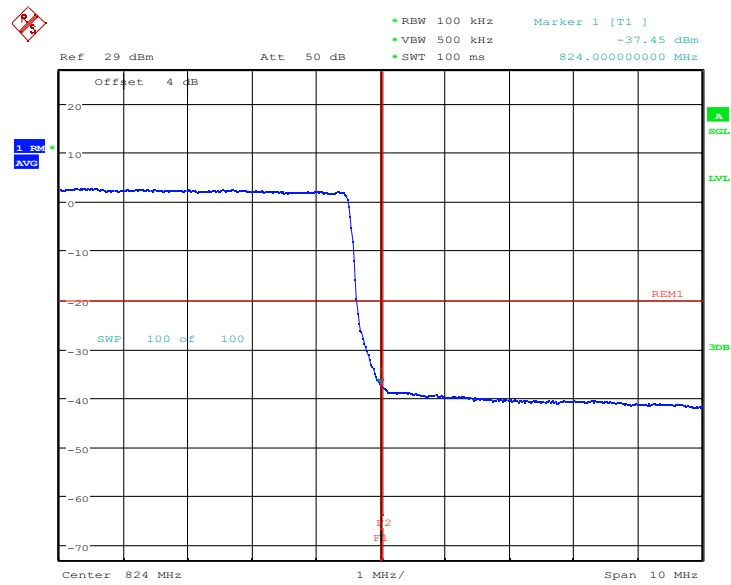


Date: 19.DEC.2024 11:37:31

HIGH BAND EDGE BLOCK-10MHz-100%RB

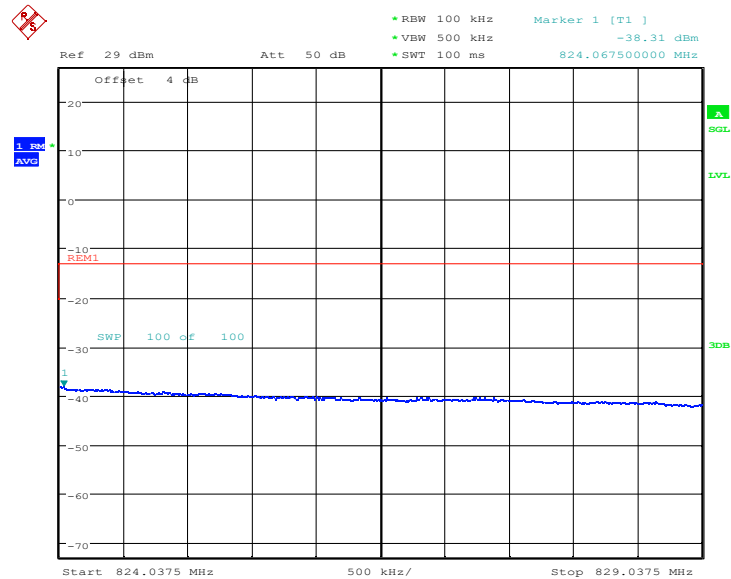
Chongqing Academy of Information and Communications Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



Date: 19.DEC.2024 11:45:44

HIGH BAND EDGE BLOCK-10MHz-100%RB



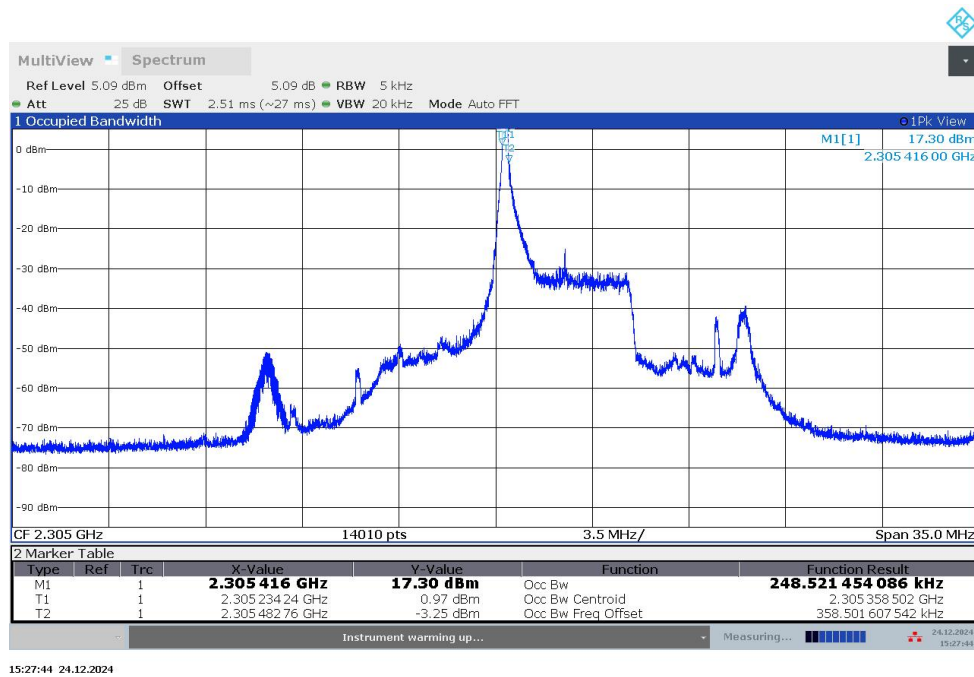
Date: 19.DEC.2024 11:46:35

LTE band 30-5MHz

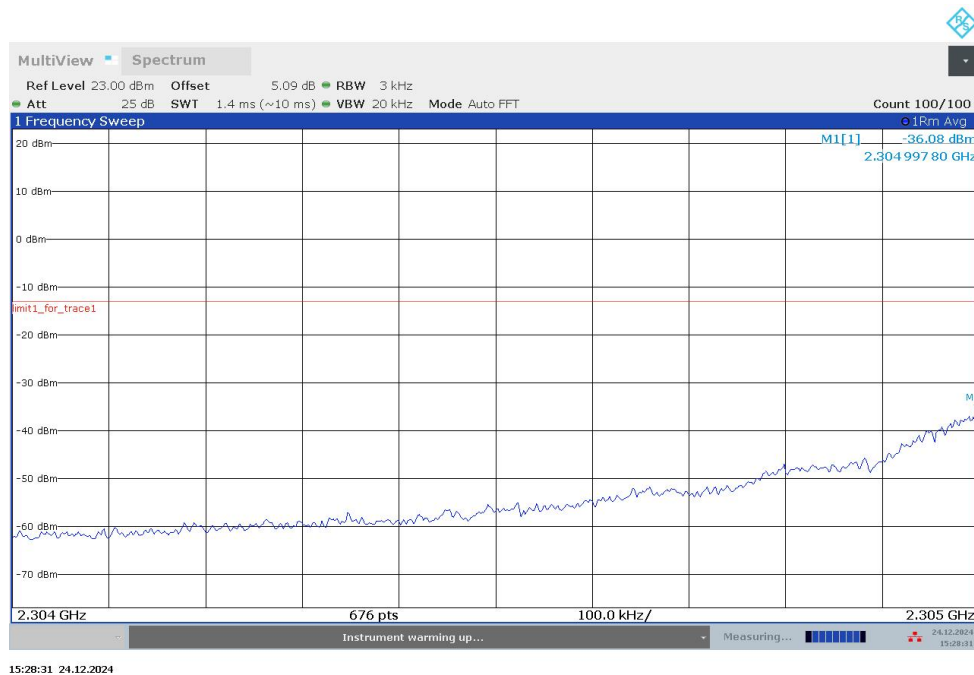
OBW: 1RB-LOW_offset_5MHz

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LOW BAND EDGE BLOCK-1RB-LOW_offset

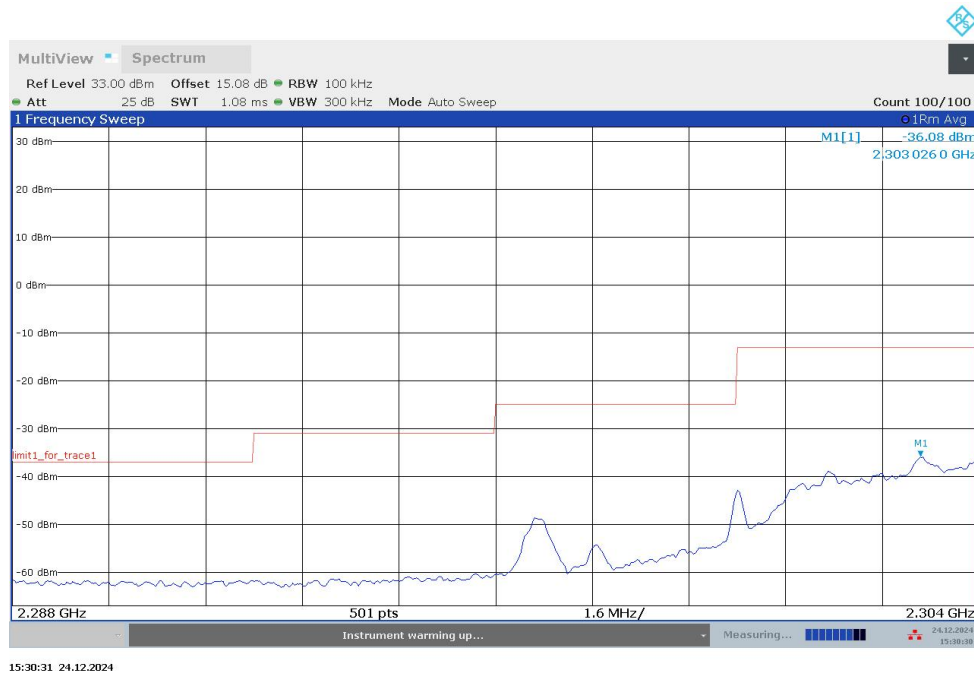


LOW BAND EDGE BLOCK-1RB-LOW_offset

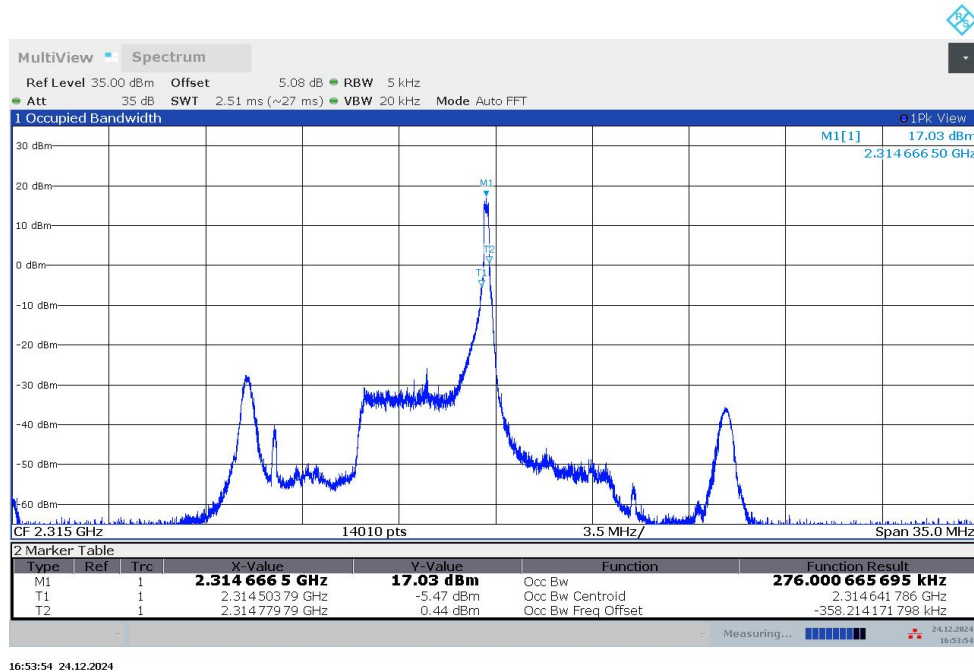
offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.08dB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



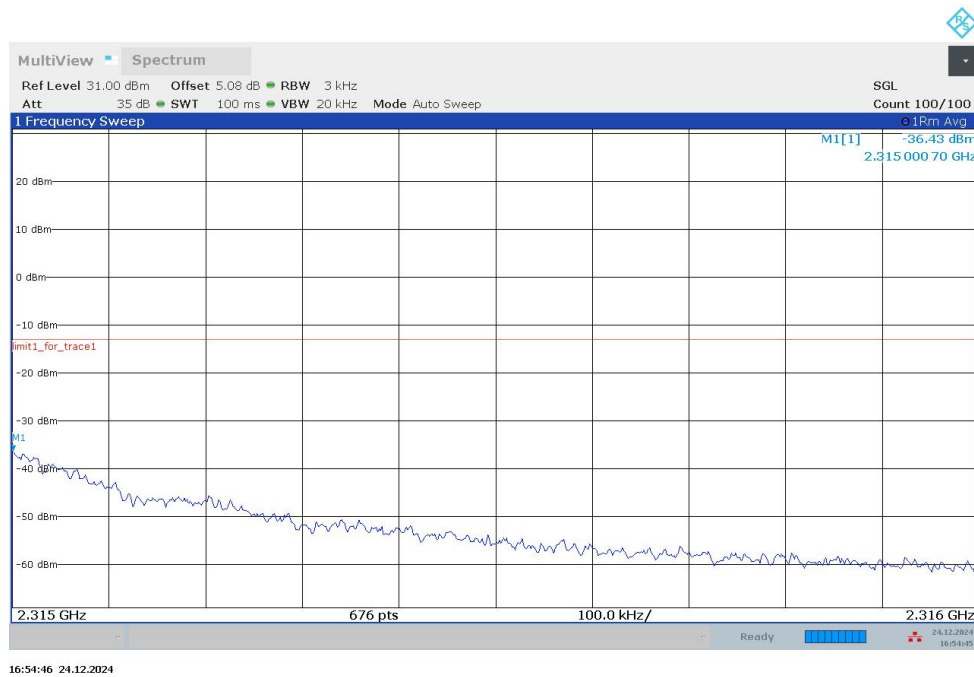
OBW: 1RB-HIGH_offset_5MHz



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

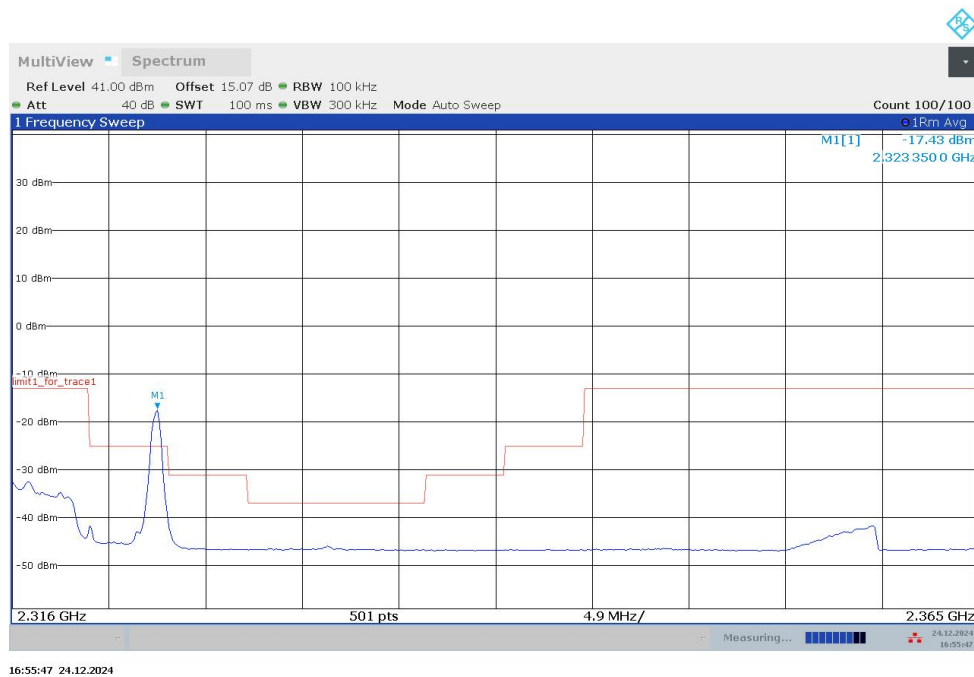
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

offset = cable loss(5.07dB) + RBW factor($10 \cdot \log(1000\text{k}/100\text{k})$)=15.07dB



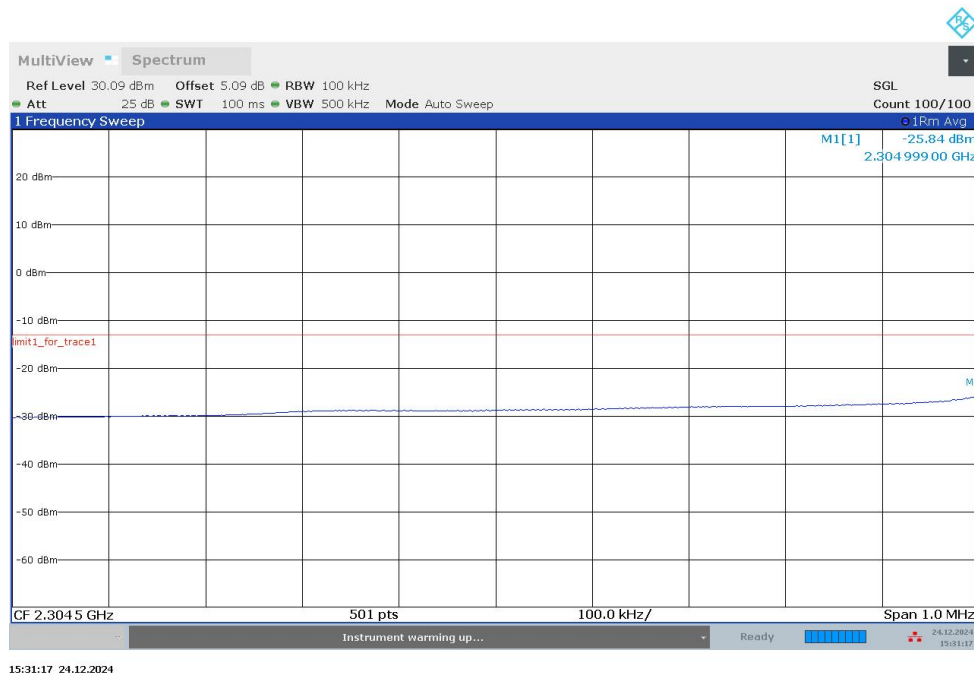
Channel power

Chongqing Academy of Information and Communications Technology

Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
Tel: 0086-23-88069965 FAX: 0086-23-88608777



LOW BAND EDGE BLOCK-5MHz-100%RB

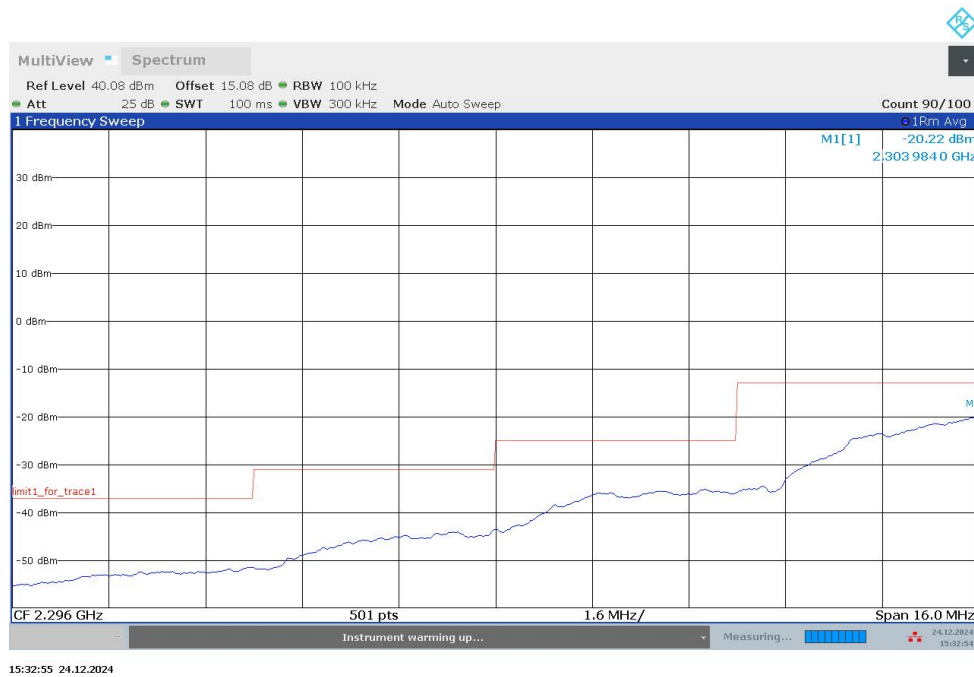


LOW BAND EDGE BLOCK-5MHz-100%RB

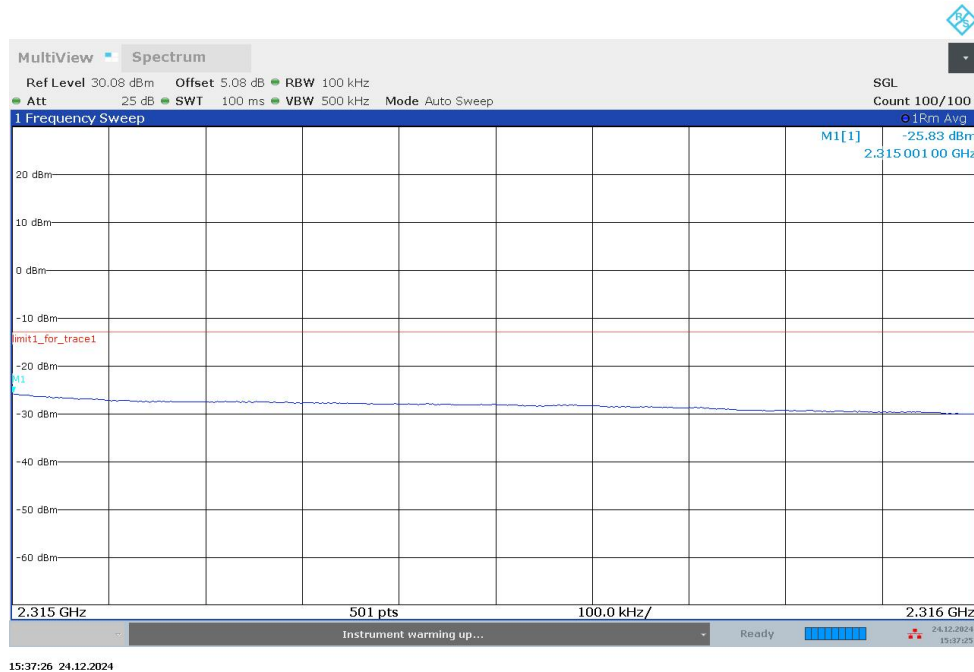
offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.08dB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-5MHz-100%RB

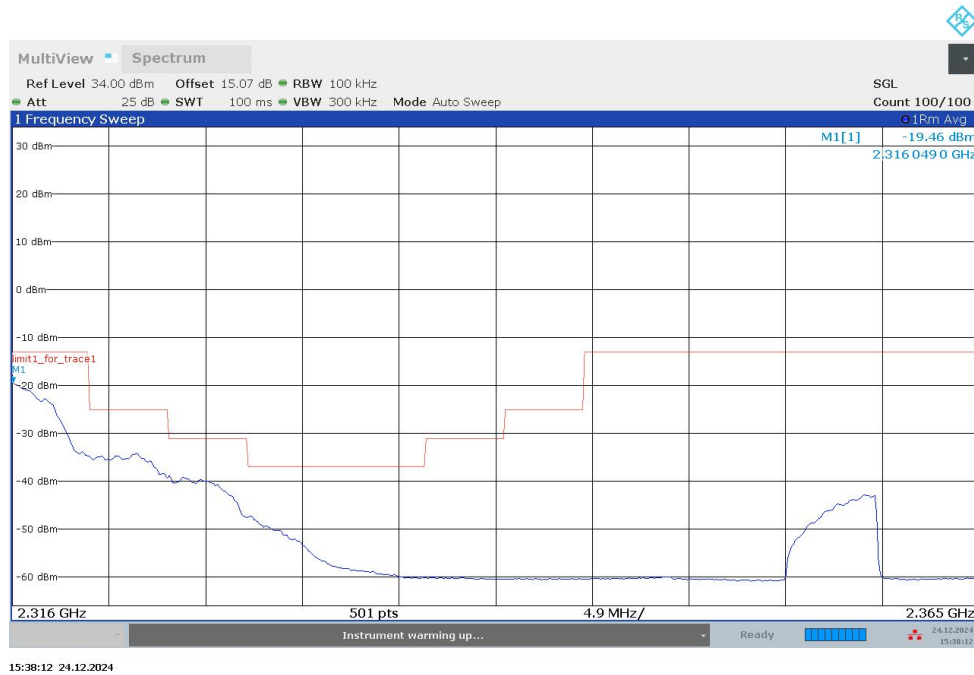


HIGH BAND EDGE BLOCK-5MHz-100%RB

offset =cable loss(5.07dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.07dB

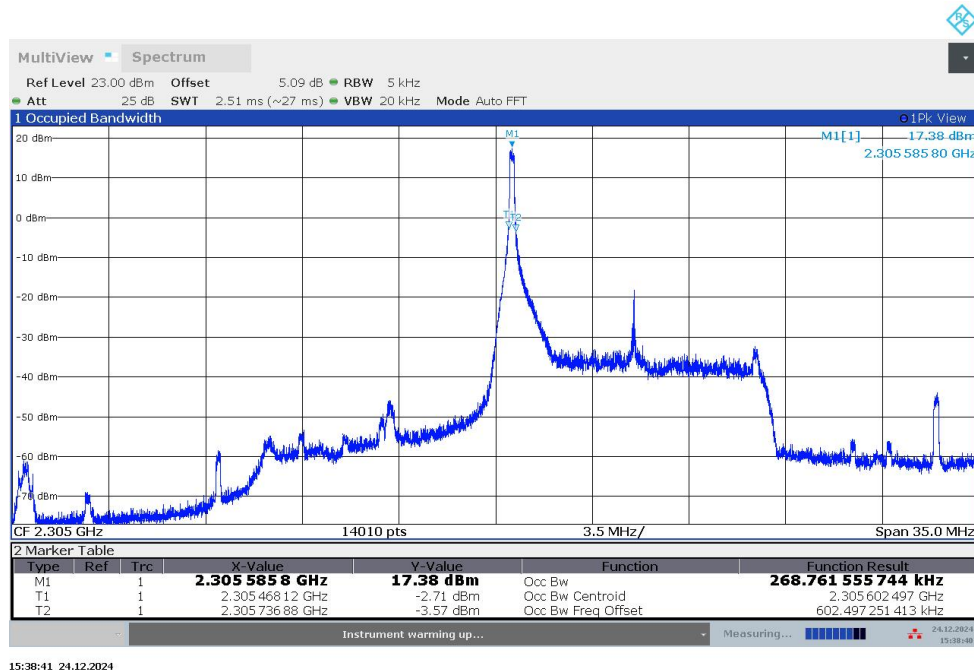
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LTE band 30-10MHz

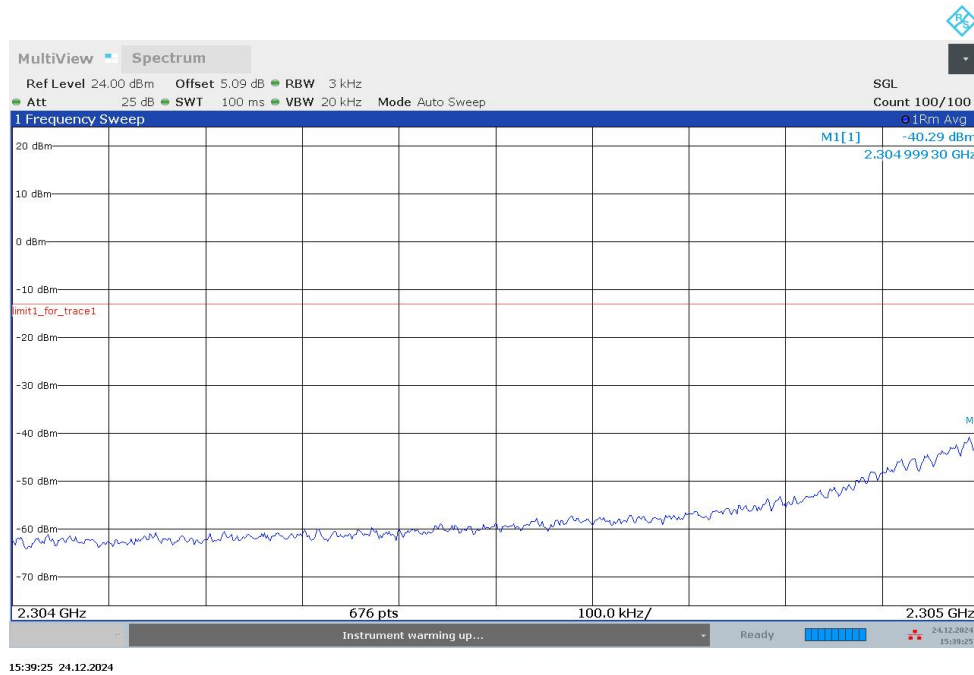
OBW: 1RB-LOW_offset_10MHz



LOW BAND EDGE BLOCK-1RB-LOW_offset

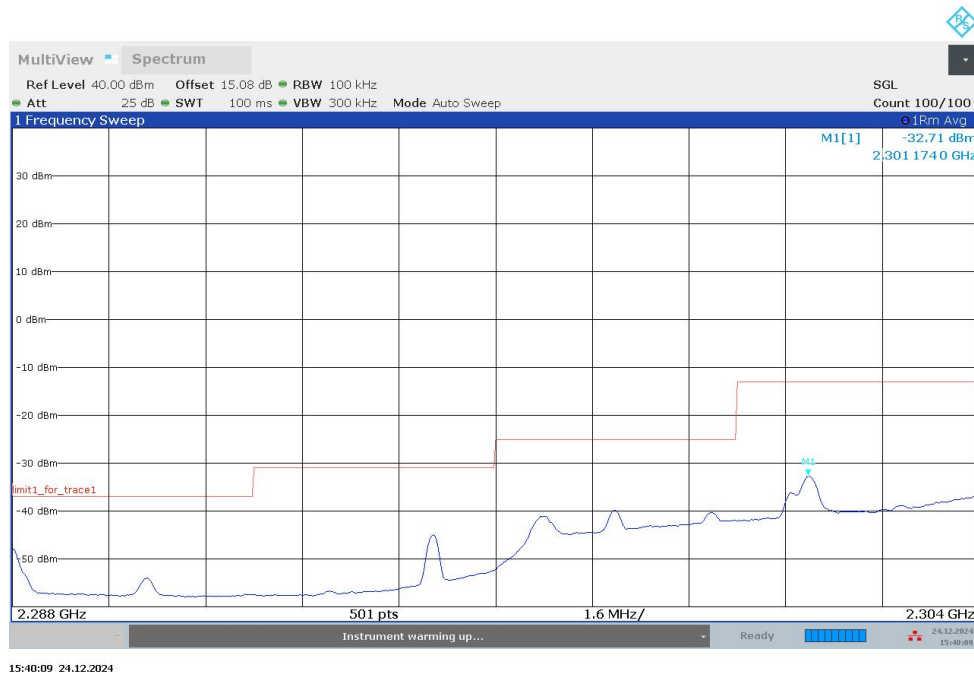
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LOW BAND EDGE BLOCK-1RB-LOW_offset

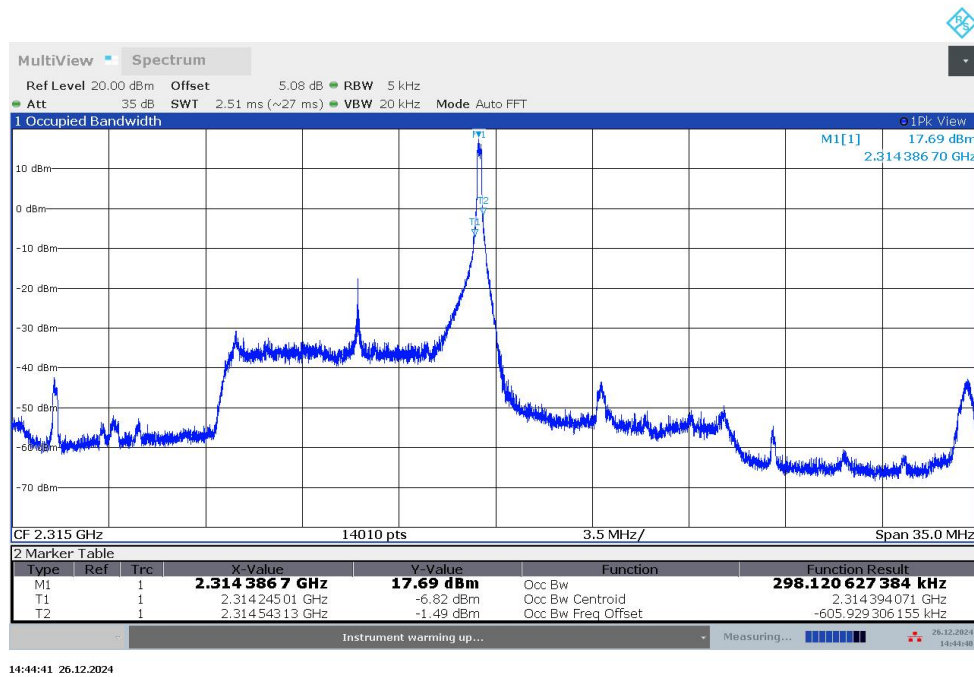
offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.08dB



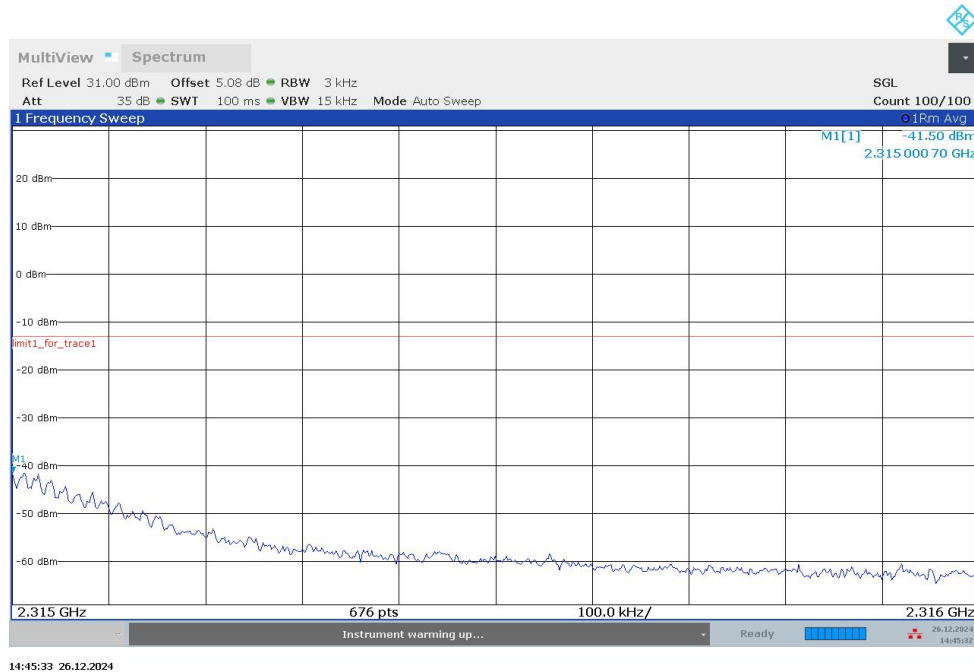
OBW: 1RB-HIGH_offset_10MHz

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

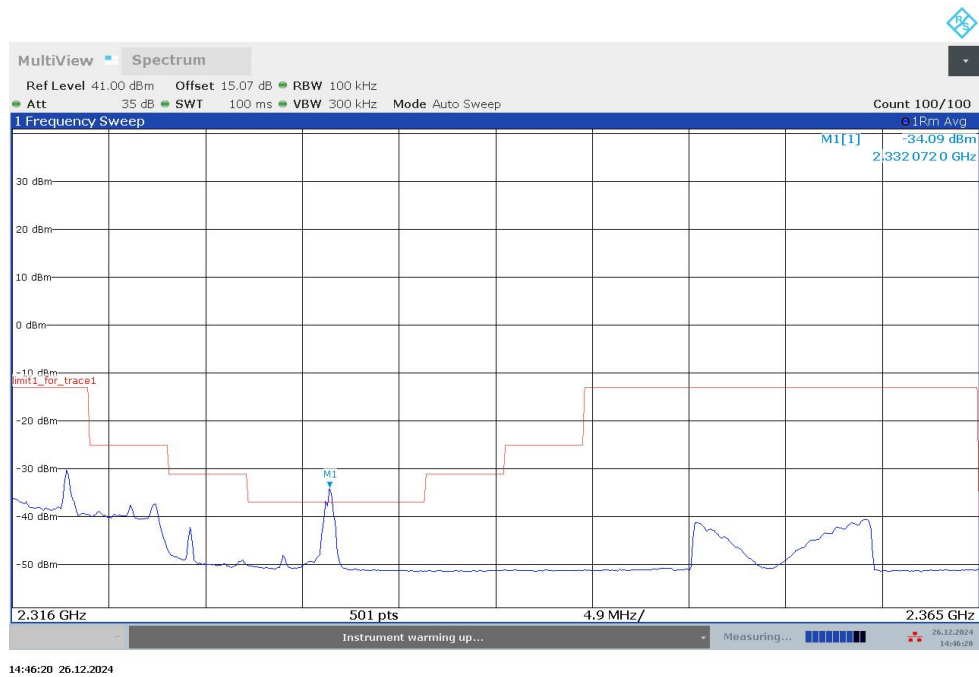


HIGH BAND EDGE BLOCK-1RB-HIGH_offset

offset = cable loss(5.07dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.07dB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



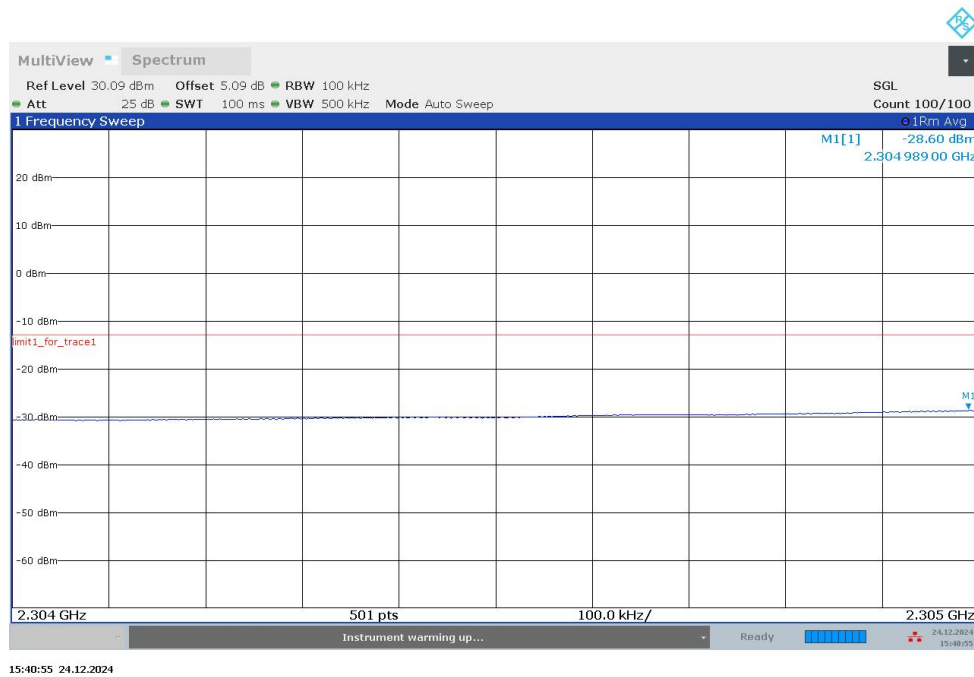
Channel power



LOW BAND EDGE BLOCK-10MHz-100%RB

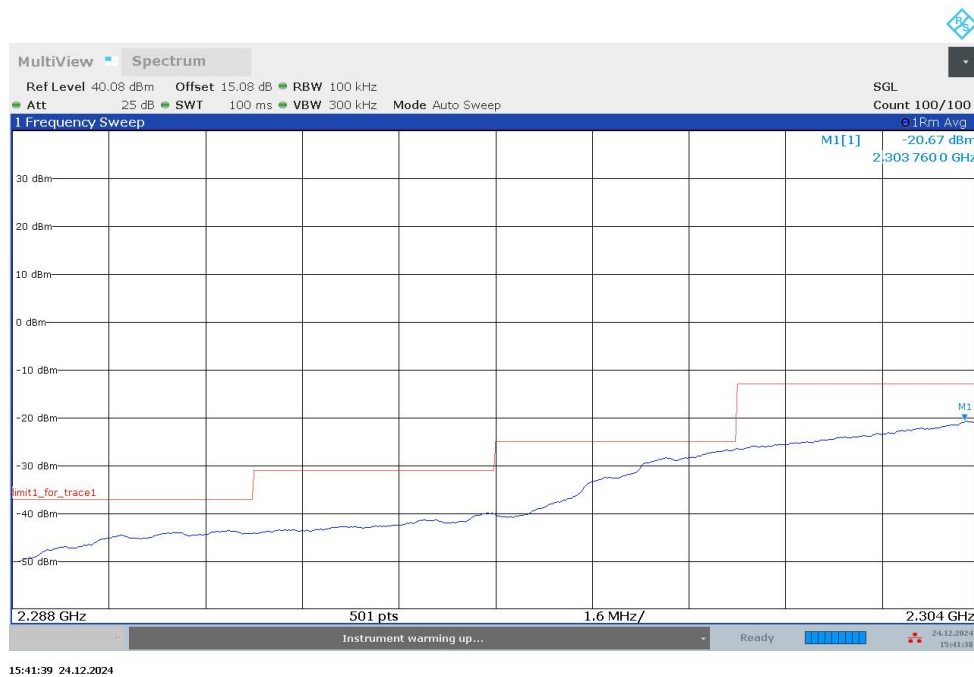
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LOW BAND EDGE BLOCK-10MHz-100%RB

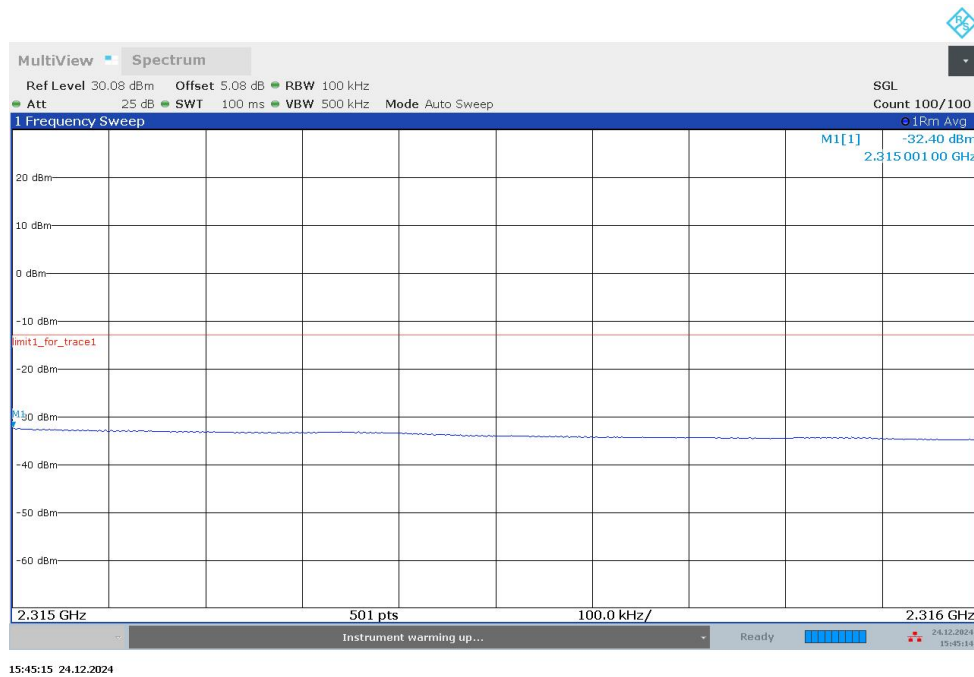
offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.08dB



HIGH BAND EDGE BLOCK-10MHz-100%RB

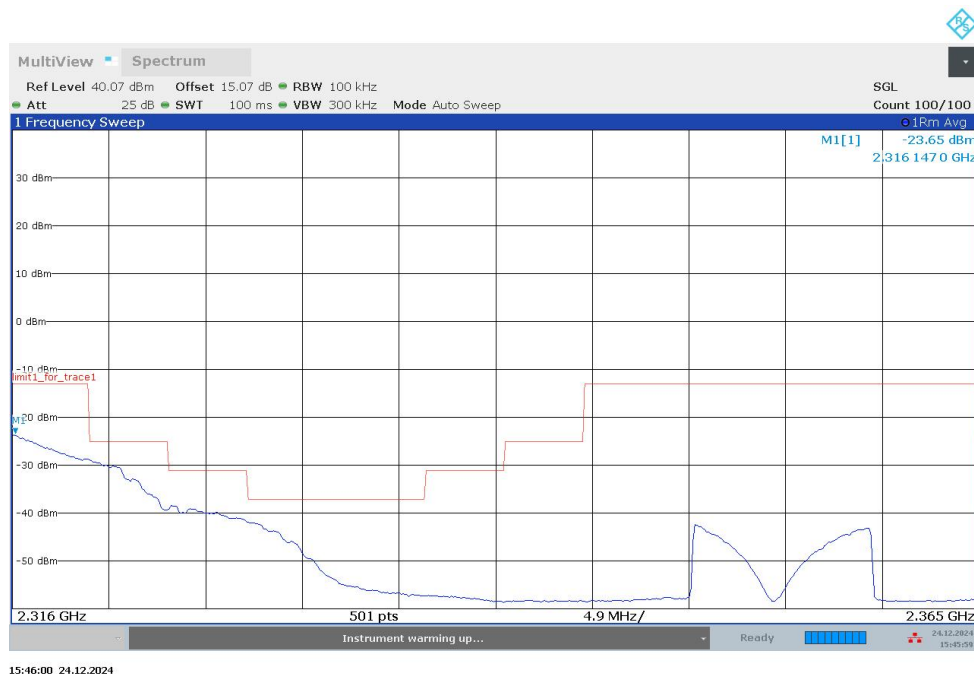
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-10MHz-100%RB

offset = cable loss(5.07dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.07dB

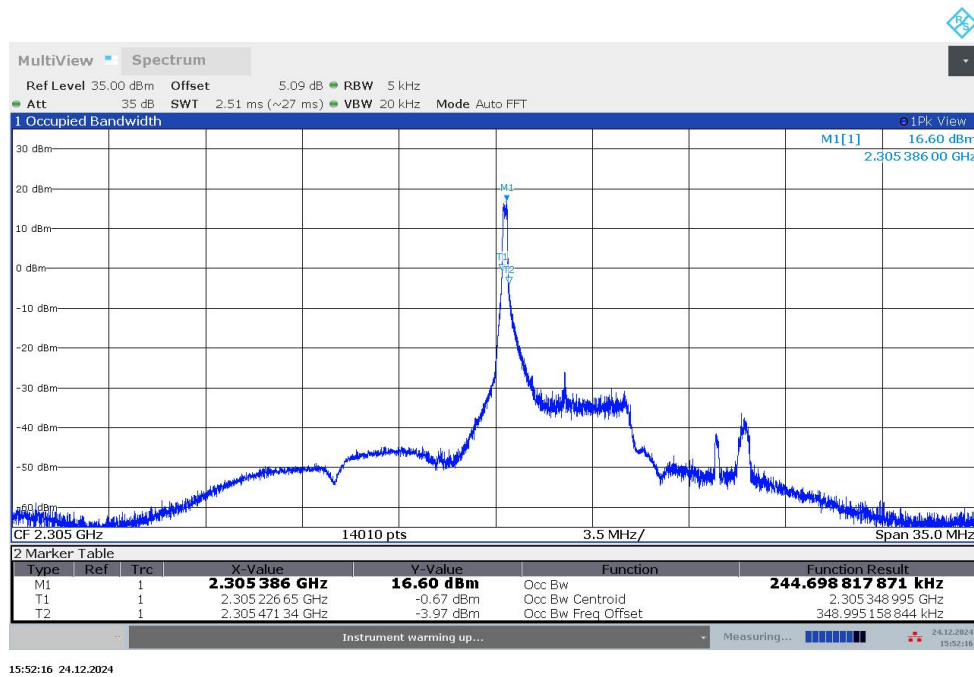


LTE band 40L-5MHz

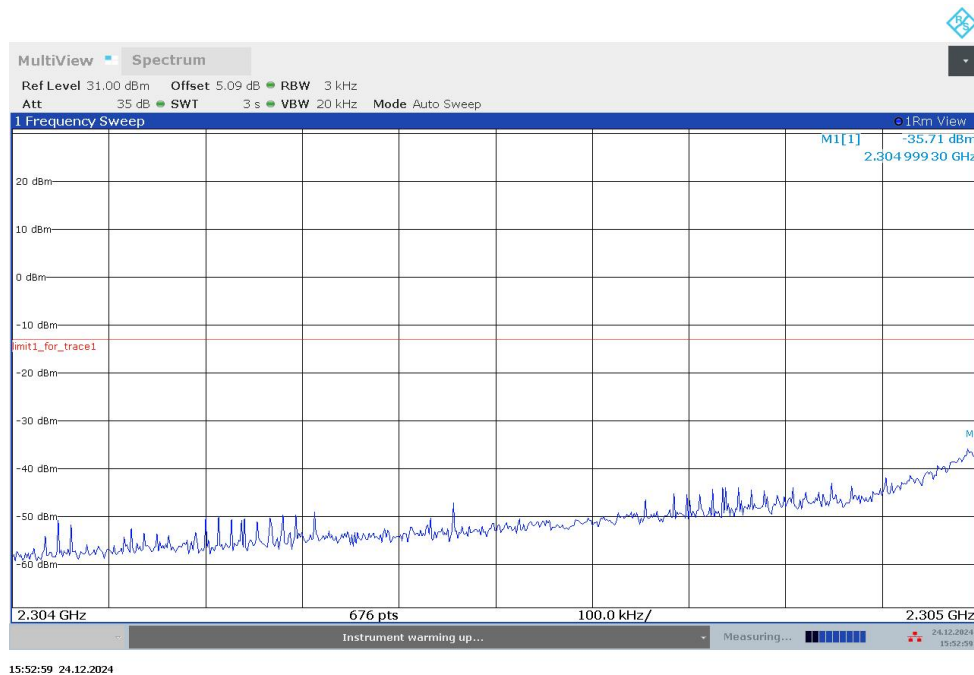
OBW: 1RB-LOW_offset_5MHz

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LOW BAND EDGE BLOCK-1RB-LOW_offset

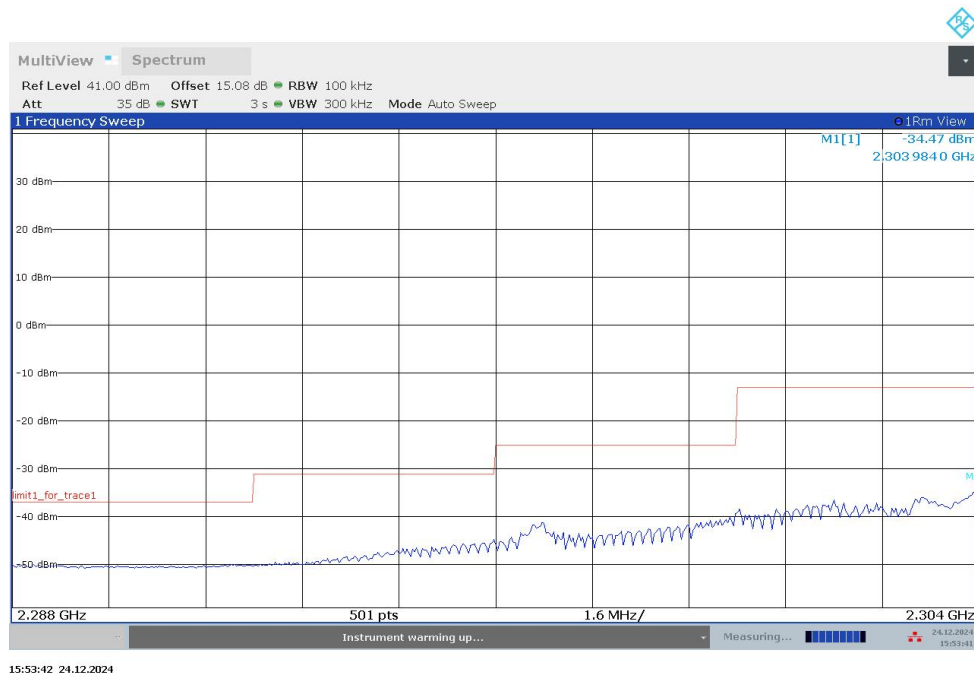


LOW BAND EDGE BLOCK-1RB-LOW_offset

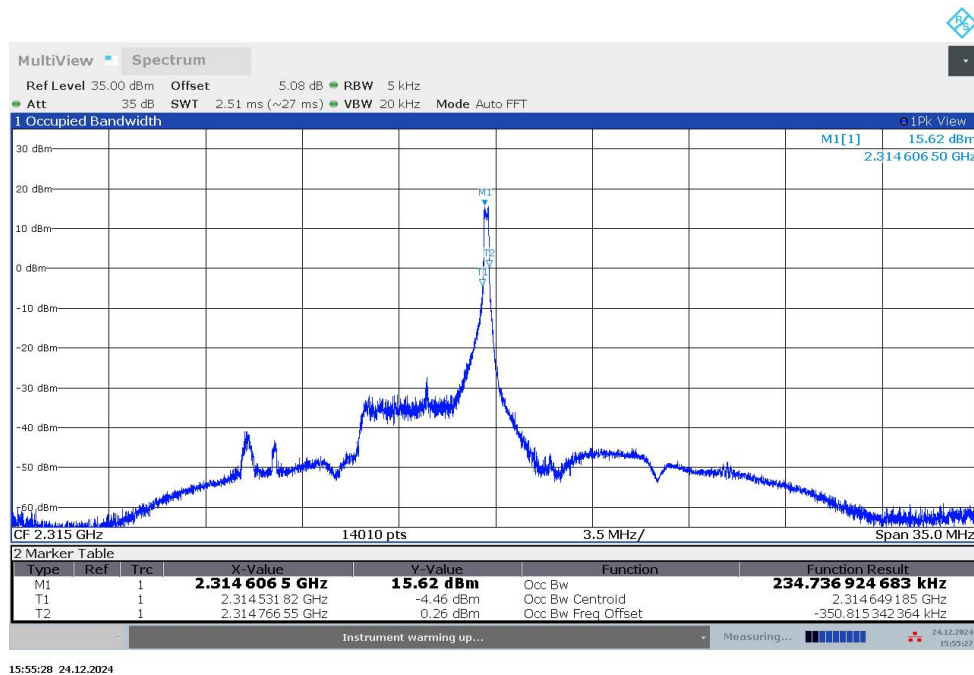
offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000\text{k}/100\text{k})$)=15.08dB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



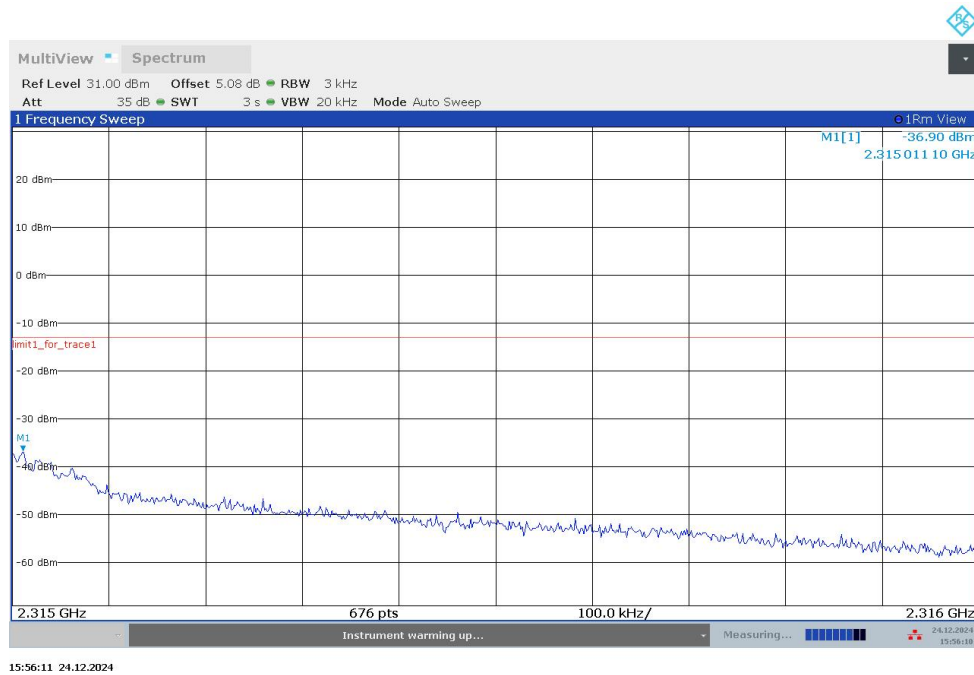
OBW: 1RB-HIGH_offset_5MHz



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

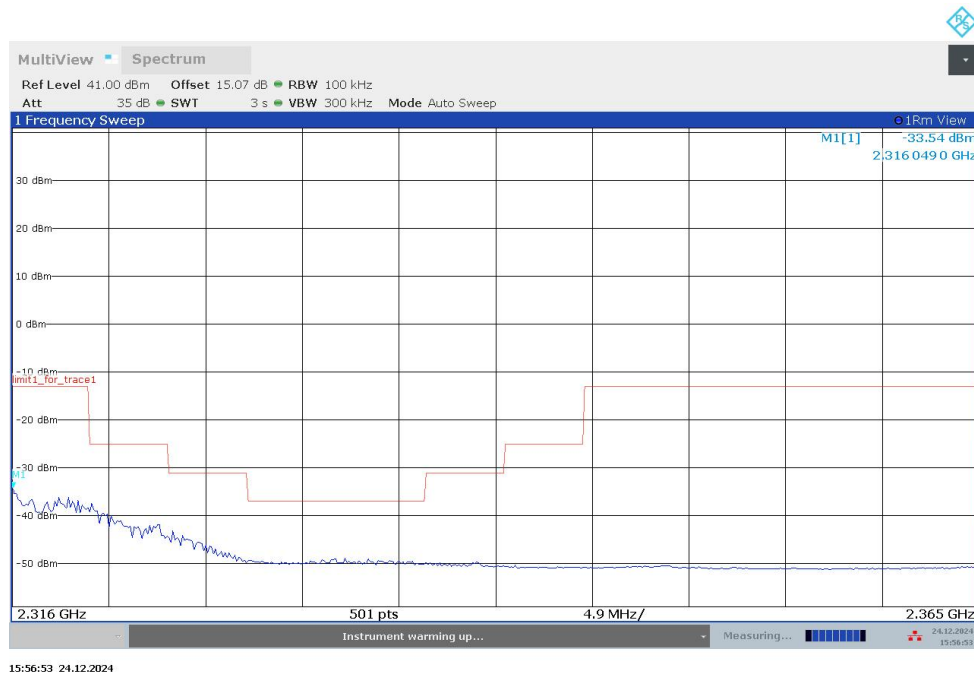
Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-1RB-HIGH_offset

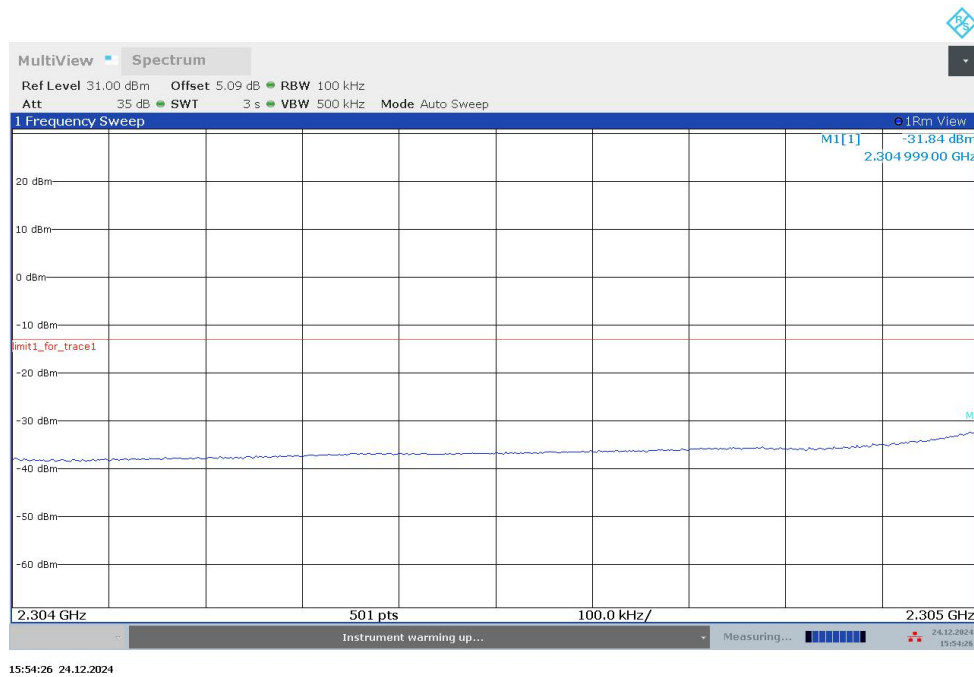
offset = cable loss(5.07dB) + RBW factor($10 \cdot \log(1000\text{k}/100\text{k})$)=15.07dB



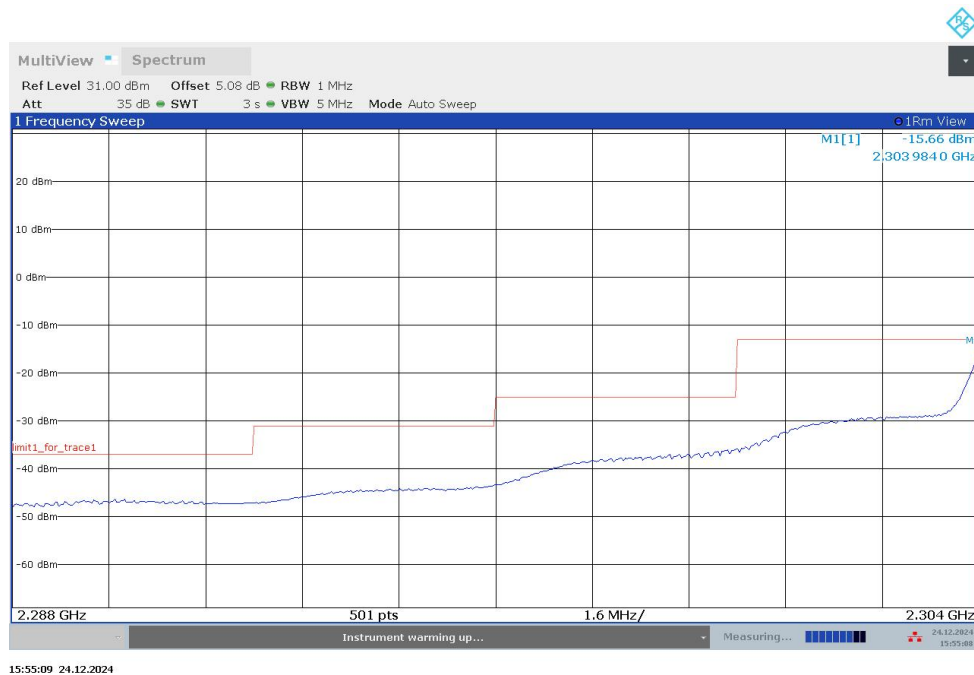
LOW BAND EDGE BLOCK-5MHz-100%RB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



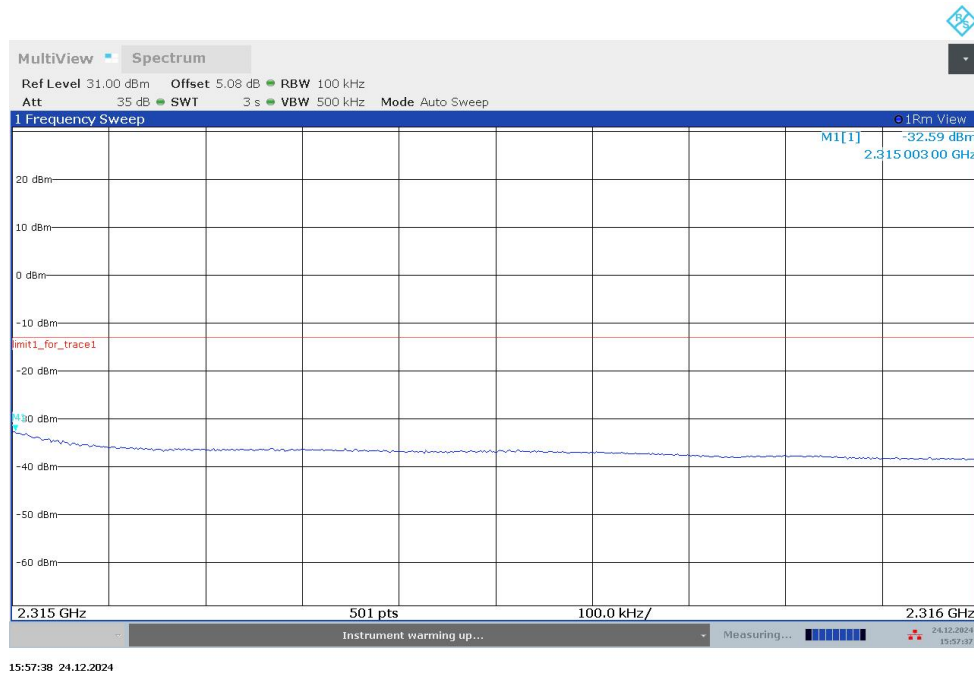
LOW BAND EDGE BLOCK-5MHz-100%RB



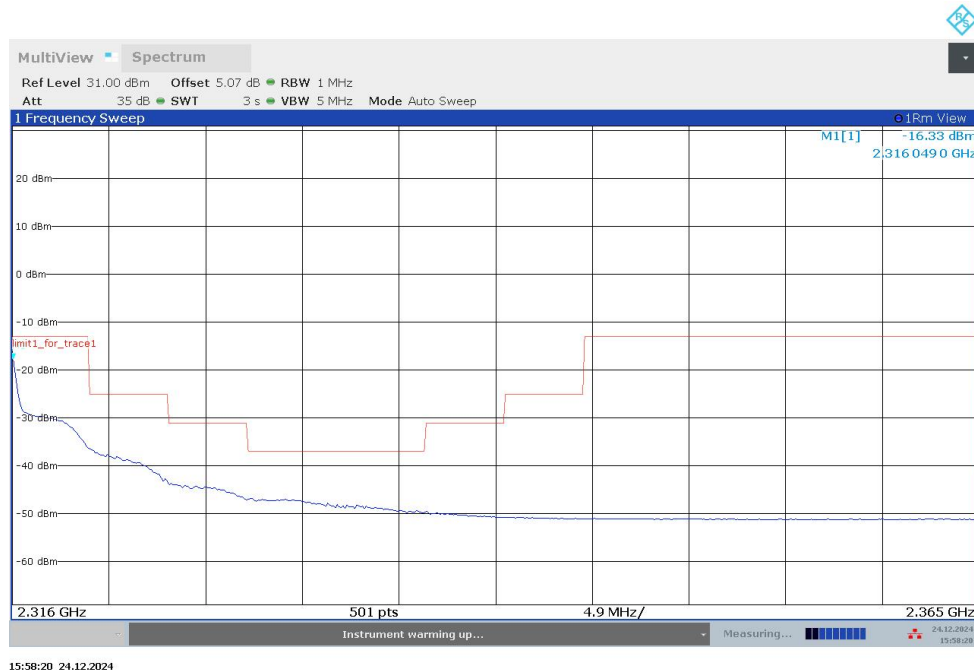
HIGH BAND EDGE BLOCK-5MHz-100%RB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



HIGH BAND EDGE BLOCK-5MHz-100%RB

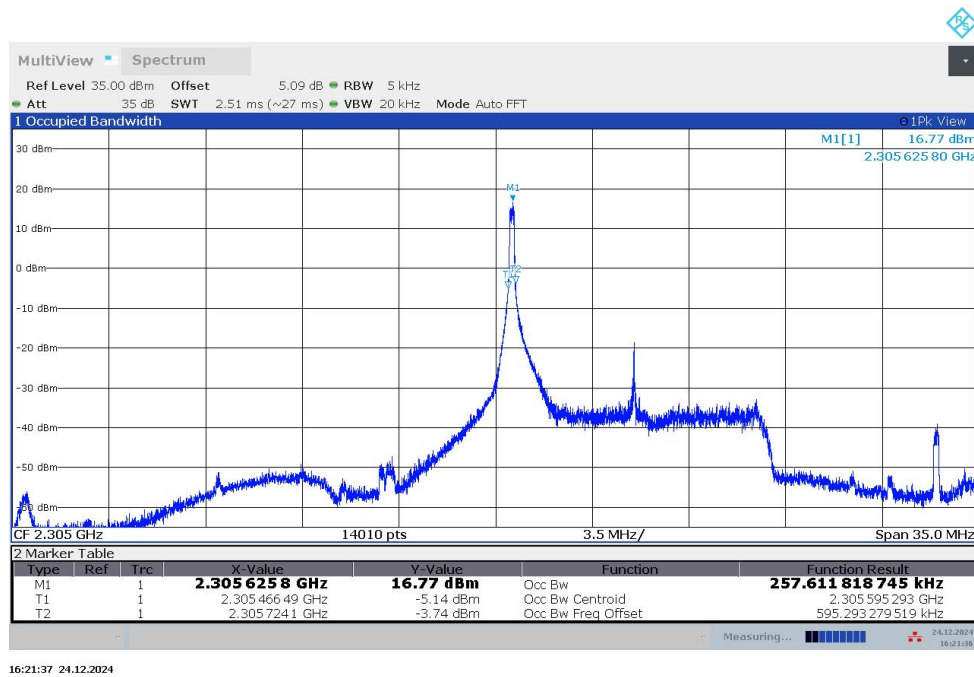


LTE band 40L-10MHz

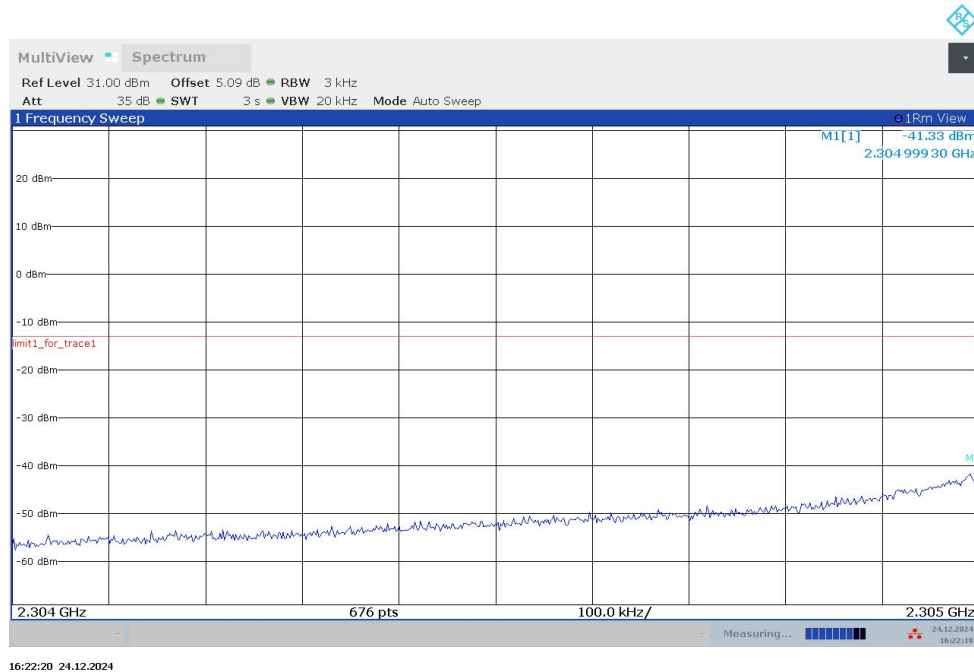
OBW: 1RB-LOW_offset_10MHz

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



LOW BAND EDGE BLOCK-1RB-LOW_offset



LOW BAND EDGE BLOCK-1RB-LOW_offset

offset = cable loss(5.08dB) + RBW factor($10 \cdot \log(1000k/100k)$)=15.08dB

Chongqing Academy of Information and Communications Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777