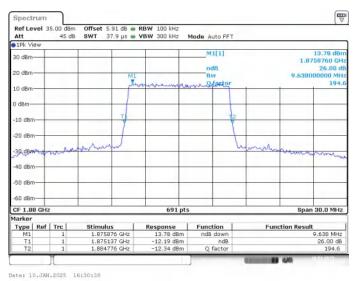




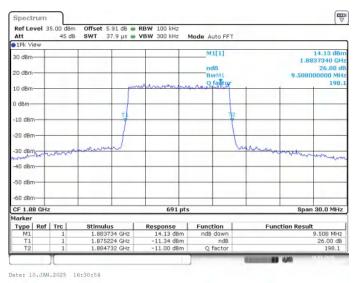
LTE band 2,10MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 1880 | 9.638 | 9.508 |

LTE band 2 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 2 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



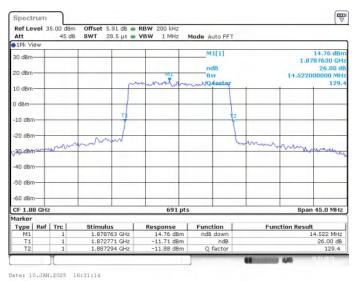




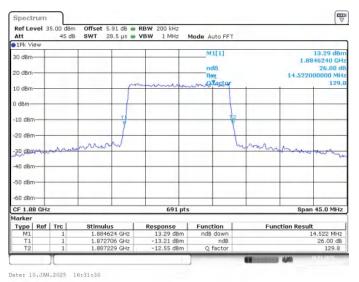
LTE band 2,15MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| Frequency(MHz) | QPSK | 16QAM |
| 1880 | 14.522 | 14.522 |

LTE band 2 , 15MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 2 , 15MHz Bandwidth,MID,16QAM (-26dBc BW)



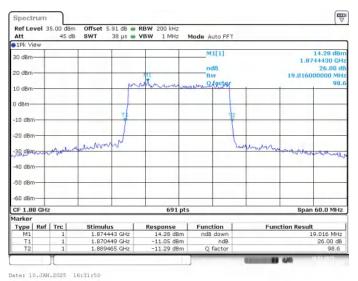




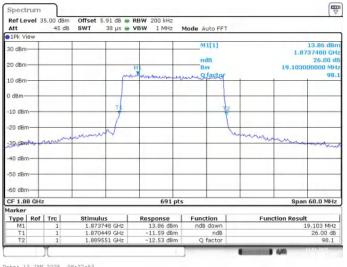
LTE band 2,20MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| | QPSK | 16QAM |
| 1880 | 19.016 | 19.103 |

LTE band 2, 20MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 2, 20MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 13.JAN.2025 08:27:53

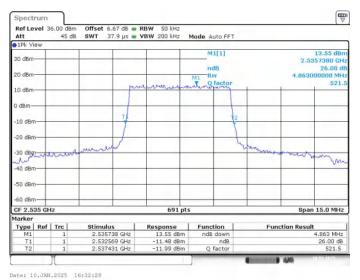




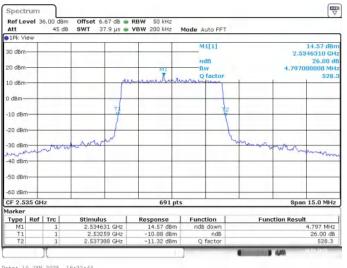
LTE band 7,5MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 2535 | 4.863 | 4.797 |

LTE band 7, 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 7, 5MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:32:44

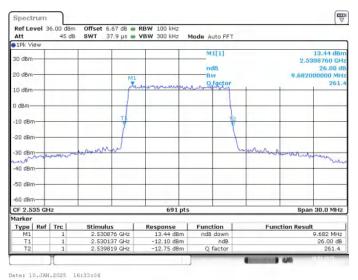




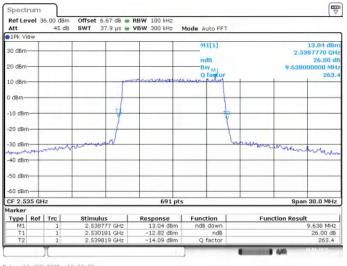
LTE band 7,10MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 2535 | 9.682 | 9.638 |

LTE band 7, 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 7, 10MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:33:20

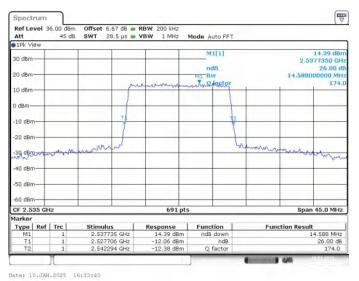




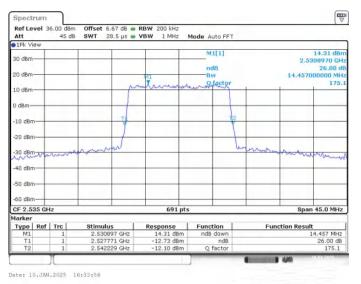
LTE band 7,15MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| | QPSK | 16QAM |
| 2535 | 14.588 | 14.457 |

LTE band 7 , 15MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 7 , 15MHz Bandwidth, MID, 16QAM (-26dBc BW)



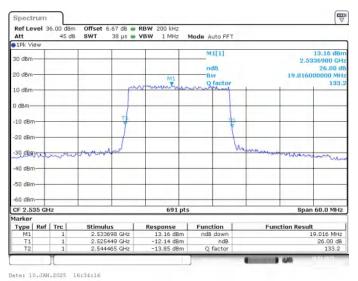




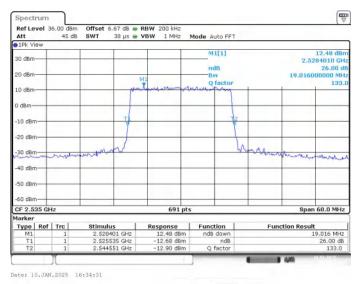
LTE band 7,20MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| Frequency(MHz) | QPSK | 16QAM |
| 2535 | 19.016 | 19.016 |

LTE band 7 , 20MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 7 , 20MHz Bandwidth,MID,16QAM (-26dBc BW)



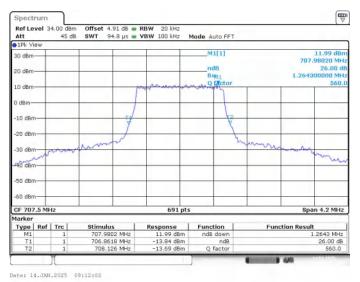




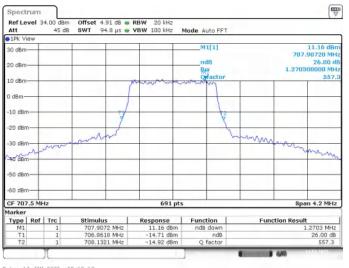
LTE band 12,1.4MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 707.5 | 1.264 | 1.270 |

LTE band 12, 1.4MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 12 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:12:18

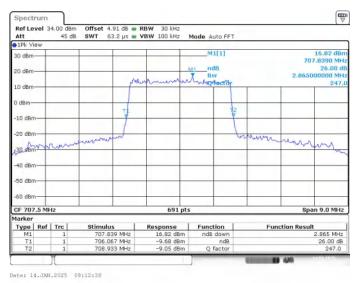




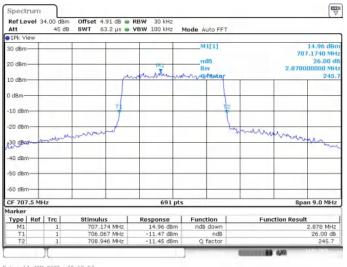
LTE band 12,3MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 707.5 | 2.865 | 2.878 |

LTE band 12, 3MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 12 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:12:54

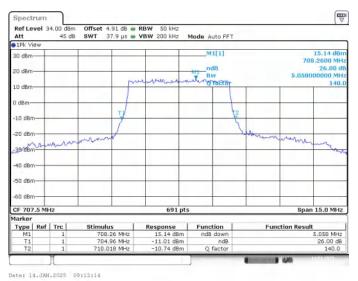




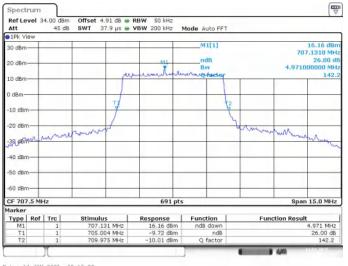
LTE band 12,5MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 707.5 | 5.058 | 4.971 |

LTE band 12, 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 12, 5MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 14.JAN.2025 09:13:29

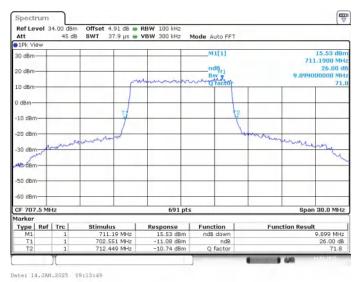




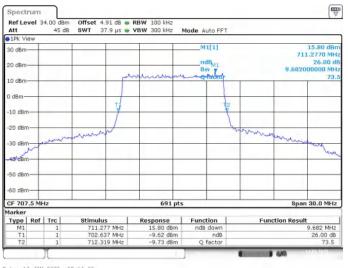
LTE band 12,10MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 707.5 | 9.899 | 9.682 |

LTE band 12 , 10MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 12 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:14:05

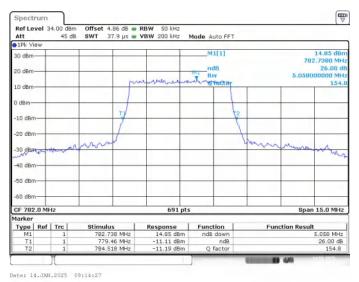




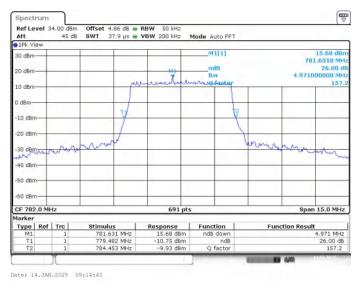
LTE band 13,5MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 782 | 5.058 | 4.971 |

LTE band 13 , 5MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 13 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



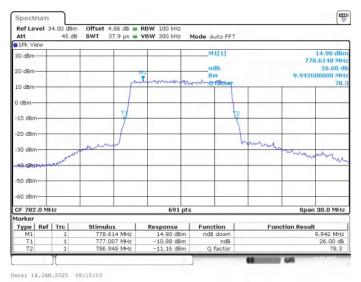




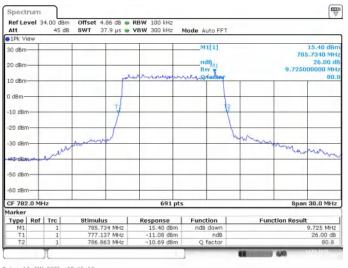
LTE band 13,10MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 782 | 9.942 | 9.725 |

LTE band 13 , 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 13, 10MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:15:19

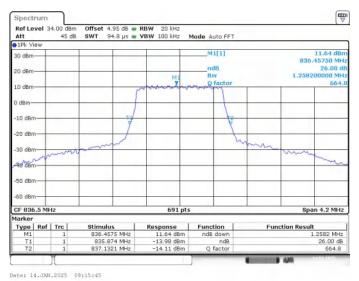




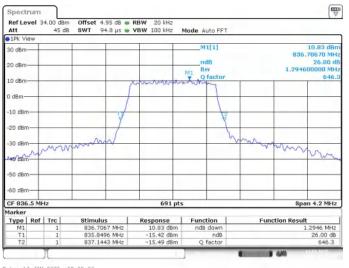
LTE band 26(824MHz~849MHz),1.4MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 836.5 | 1.258 | 1.295 |

LTE band 26 , 1.4MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:39:03

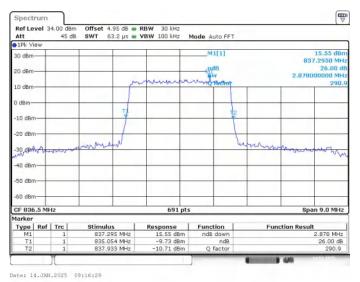




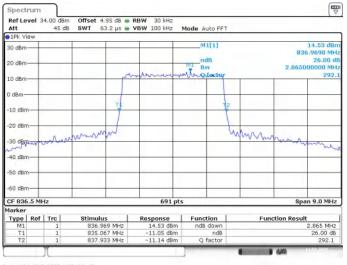
LTE band 26(824MHz~849MHz),3MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | | |
|--|----------------------------------|-------|-------|
| | Frequency(MHz) | QPSK | 16QAM |
| | 836.5 | 2.878 | 2.865 |

LTE band 26, 3MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 3MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 14.JAN.2025 09:16:45

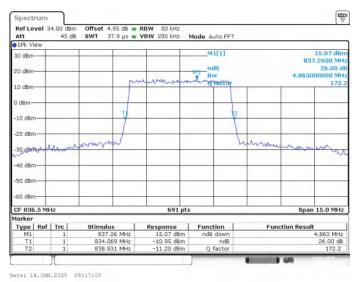




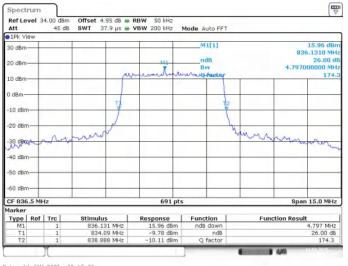
LTE band 26(824MHz~849MHz),5MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 836.5 | 4.863 | 4.797 |

LTE band 26 , 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:17:20

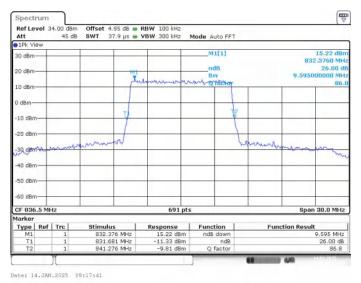




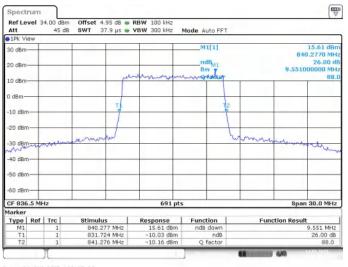
LTE band 26(824MHz~849MHz),10MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 836.5 | 9.595 | 9.551 |

LTE band 26 , 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:17:56

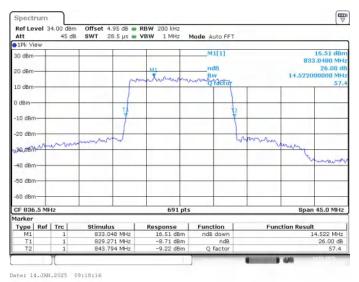




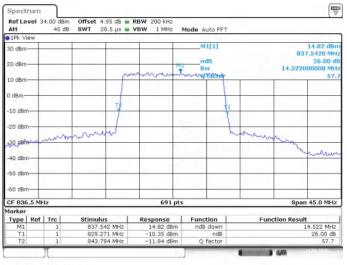
LTE band 26(824MHz~849MHz),15MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| | QPSK | 16QAM |
| 836.5 | 14.522 | 14.522 |

LTE band 26 , 15MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 15MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 14.JAN.2025 09:18:32

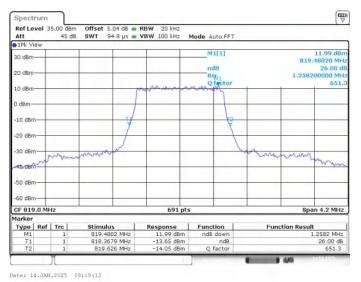




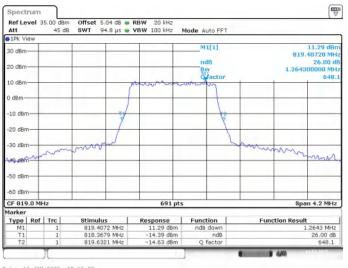
LTE band 26(814MHz~824MHz),1.4MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 819 | 1.258 | 1.264 |

LTE band 26 , 1.4MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 14.JAN.2025 09:19:29

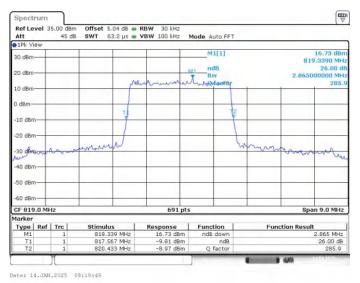




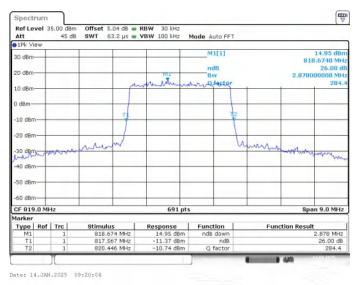
LTE band 26(814MHz~824MHz),3MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 819 | 2.865 | 2.878 |

LTE band 26, 3MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 3MHz Bandwidth,MID,16QAM (-26dBc BW)



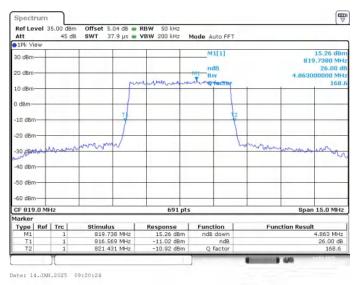




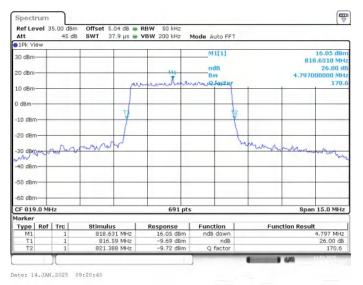
LTE band 26(814MHz~824MHz),5MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 819 | 4.863 | 4.797 |

LTE band 26 , 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



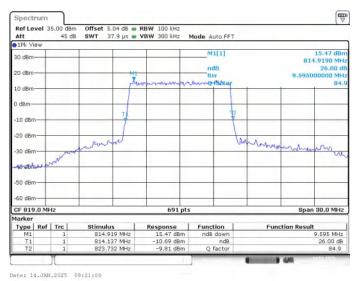




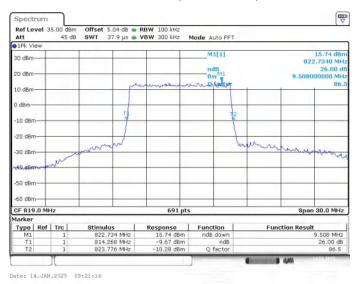
LTE band 26(814MHz~824MHz),10MHz(-26dBc)

| Frequency(MHz) | Emission Band | width (-26dBc)(MHz) |
|----------------|---------------|---------------------|
| | QPSK | 16QAM |
| 819 | 9.595 | 9.508 |

LTE band 26 , 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 26 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



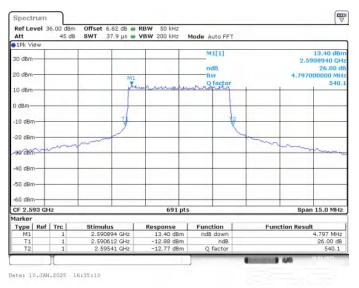




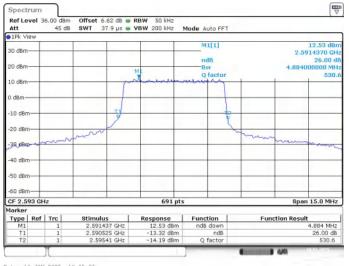
LTE band 41,5MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 2593 | 4.797 | 4.884 |

LTE band 41, 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 41, 5MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:35:25

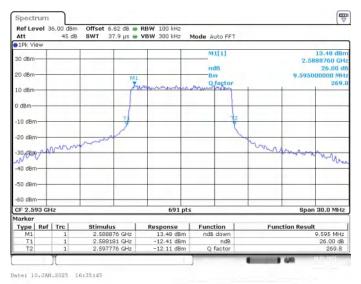




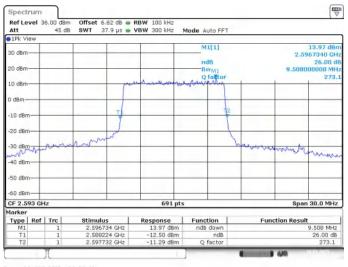
LTE band 41,10MHz(-26dBc)

| Frequency(MHz) | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| | QPSK | 16QAM |
| 2593 | 9.595 | 9.508 |

LTE band 41 , 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 41 , 10MHz Bandwidth,MID,16QAM (-26dBc BW)



Date: 10.JAN.2025 16:36:01

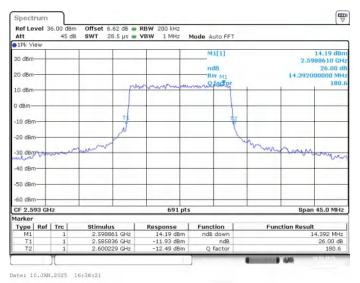




LTE band 41,15MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| Frequency(MHz) | QPSK | 16QAM |
| 2593 | 14.392 | 14.457 |

LTE band 41 , 15MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 41, 15MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:36:37

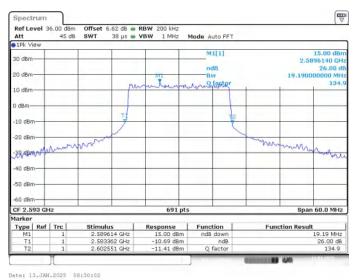




LTE band 41,20MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | | |
|----------------|----------------------------------|--------|--|
| Frequency(MHz) | QPSK | 16QAM | |
| 2593 | 19.190 | 19.016 | |

LTE band 41 , 20MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 41, 20MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:37:12

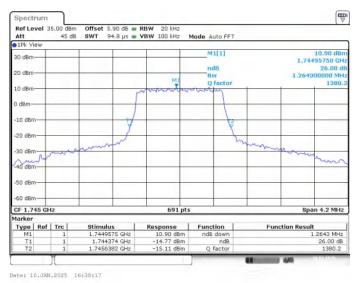




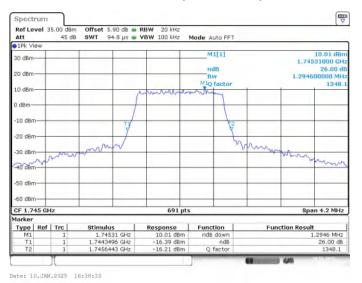
LTE band 66,1.4MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 1745 | 1.264 | 1.295 |

LTE band 66 , 1.4MHz Bandwidth,MID,QPSK (-26dBc BW)



LTE band 66 , 1.4MHz Bandwidth,MID,16QAM (-26dBc BW)



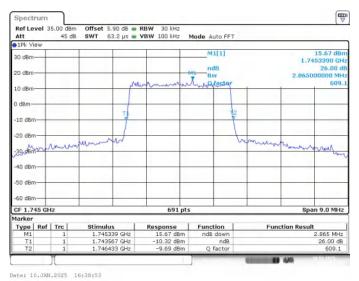




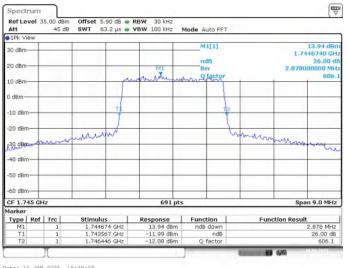
LTE band 66,3MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 1745 | 2.865 | 2.878 |

LTE band 66, 3MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 66 , 3MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:39:08

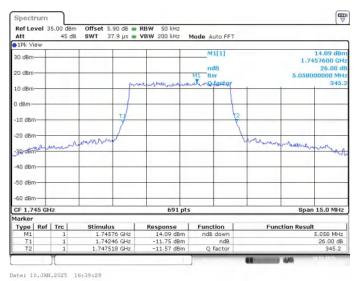




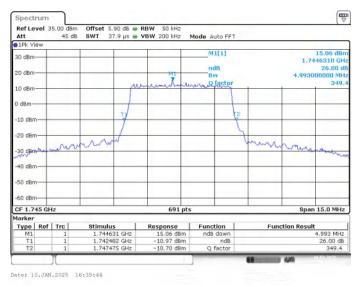
LTE band 66,5MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|-------|
| Frequency(MHz) | QPSK | 16QAM |
| 1745 | 5.058 | 4.993 |

LTE band 66 , 5MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 66 , 5MHz Bandwidth,MID,16QAM (-26dBc BW)



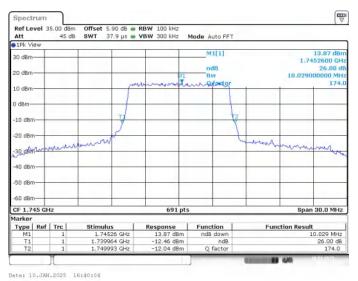




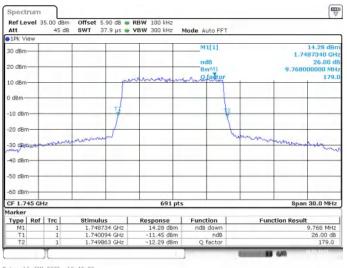
LTE band 66,10MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | | |
|----------------|----------------------------------|-------|--|
| Frequency(MHz) | QPSK | 16QAM | |
| 1745 | 10.029 | 9.768 | |

LTE band 66 , 10MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 66 , 10MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:40:20

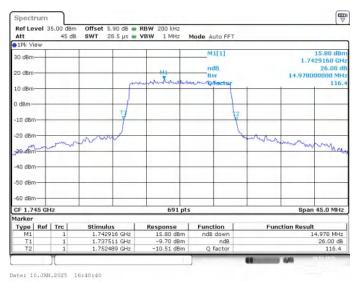




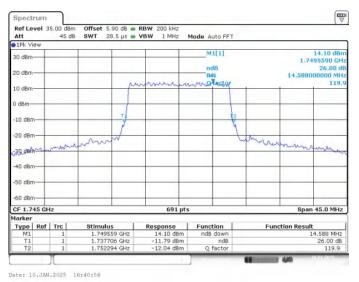
LTE band 66,15MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| Frequency(MHz) | QPSK | 16QAM |
| 1745 | 14.978 | 14.588 |

LTE band 66 , 15MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 66 , 15MHz Bandwidth, MID, 16QAM (-26dBc BW)



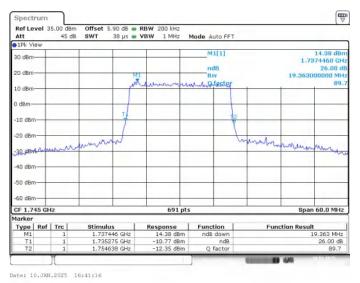




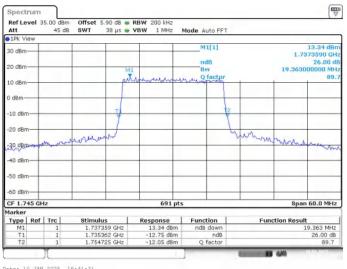
LTE band 66,20MHz(-26dBc)

| | Emission Bandwidth (-26dBc)(MHz) | |
|----------------|----------------------------------|--------|
| Frequency(MHz) | QPSK | 16QAM |
| 1745 | 19.363 | 19.363 |

LTE band 66 , 20MHz Bandwidth, MID, QPSK (-26dBc BW)



LTE band 66 , 20MHz Bandwidth, MID, 16QAM (-26dBc BW)



Date: 10.JAN.2025 16:41:31





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.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(c) states for operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the 776-788 MHz band, the power of any emission shall be attenuated outside the 776-788 MHz band, the power of any emission shall be attenuated outside the 776-788 MHz band, the power of any emission shall be attenuated outside the 776-788 MHz band, the power of any emission shall be attenuated outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Part 90.691 states that out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116Log_{10}(f/6.1)$ decibels or $50 + 10 Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz. For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) decibels or 80 decibels, whichever is the lesser attenuation, where f is greater than 12.5 kHz. For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency to the frequency the function of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency to the frequency to the function of the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency to find the frequency to the function of the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation.





removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

The spectrum analyzer readings are corrected by [10 log (1/duty cycle)] for the non-continuous transmitting scenario.





A.6.2 Measurement result

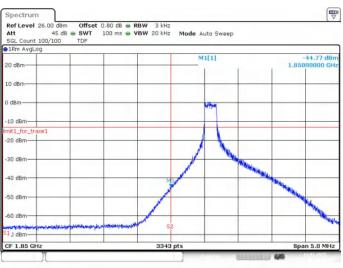
LTE band 2

OBW: 1RB-LOW_offset

| Ref Le | vel 33 | 5.00 dBm 45 dB | | | Mode Auto FFT | | |
|----------|--------|-------------------|---|-------------------------|-----------------|--------------------|---|
| ∎1Pk Vi | 3W | | | | | | |
| 30 dBm- | - | | | | M1[1] Occ Bw | 2 | 13.73 dBr 1.85059580 GH 67.309064954 kH |
| 20 dBm- | + | | | M | | | |
| 10 dBm- | + | | | | | | _ |
| 0 dBm— | + | | | T | | | |
| -10 dBm | + | | | | 4 | | |
| -20 dBm | + | | | | | | |
| -30 dBm | - | | | | | _ | |
| -40 dBm | + | | | | | | |
| -50 dBm | | the same | and the second states and the second states of the | - | - Walder | and the local days | - |
| -60 dBm | | - | | | | | |
| CF 1.8 | 5 GHz | | | 14010 | ots | | Span 35.0 MHz |
| larker | | | | | | | |
| Туре | Ref | Trc | Stimulus | Response | Function | Function | 1 Result |
| M1 | _ | 1 | 1.8505958 GHz | 13.73 dBm -4.50 dBm | Occ Bw | | |
| T1 T2 | _ | 1 | 1.8504834 GHz 1.85075071 GHz | -4.50 dBm -10.12 dBm | UCC BW | 2 | 67.309064954 kHz |

Date: 13.JAN.2025 09:43:09

LOW BAND EDGE BLOCK-1RB-LOW_offset

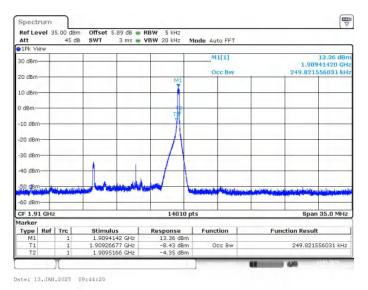


Date: 13.JAN.2025 09:43:59

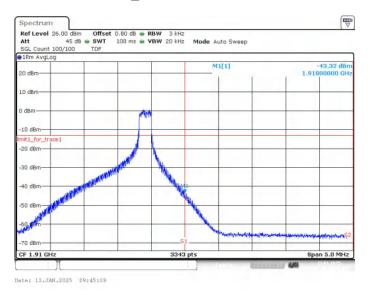




OBW: 1RB-HIGH_offset



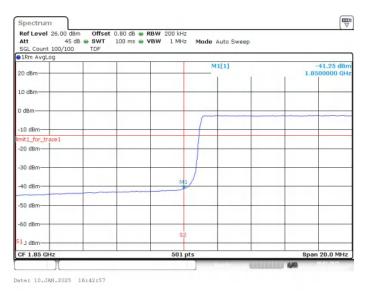
HIGH BAND EDGE BLOCK-1RB-HIGH_offset







LOW BAND EDGE BLOCK-20MHz-100%RB



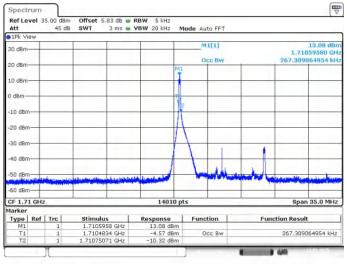
HIGH BAND EDGE BLOCK-20MHz-100%RB





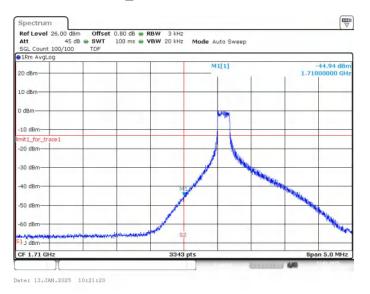


LTE band 4 OBW: 1RB-LOW_offset



Date: 13.JAN.2025 10:20:30

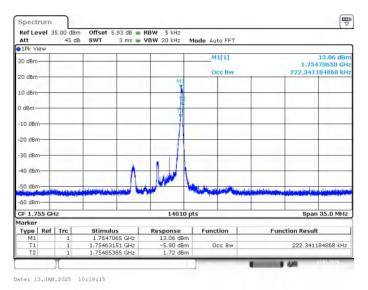
LOW BAND EDGE BLOCK-1RB-LOW_offset

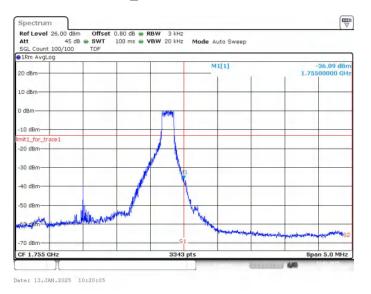






OBW: 1RB-HIGH_offset

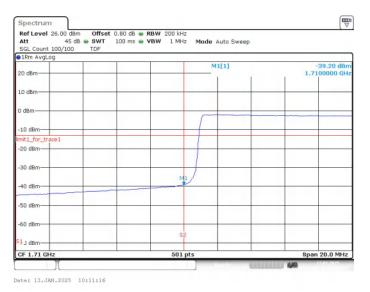




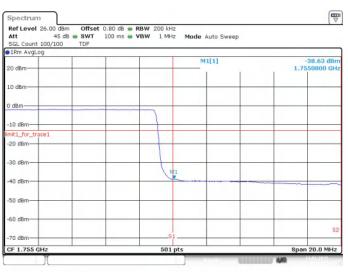




LOW BAND EDGE BLOCK-20MHz-100%RB



HIGH BAND EDGE BLOCK-20MHz-100%RB

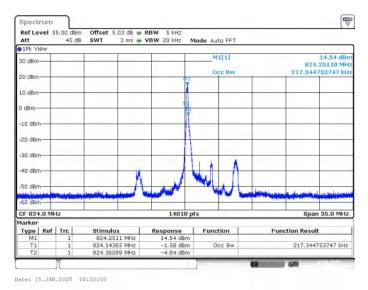


Date: 13.JAN.2025 10:12:11

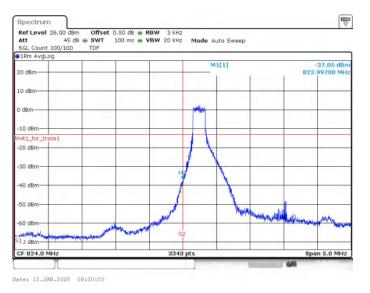




LTE band 5 OBW: 1RB-LOW_offset



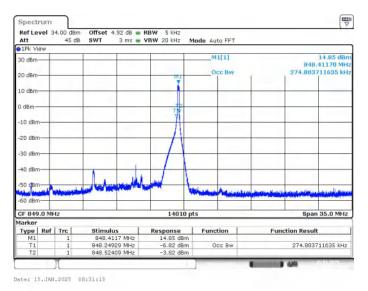
LOW BAND EDGE BLOCK-1RB-LOW_offset

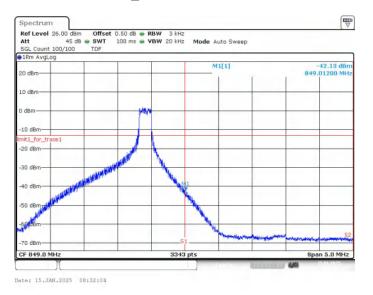






OBW: 1RB-HIGH_offset

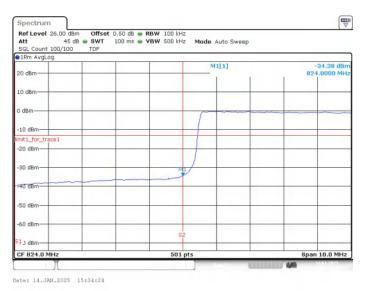




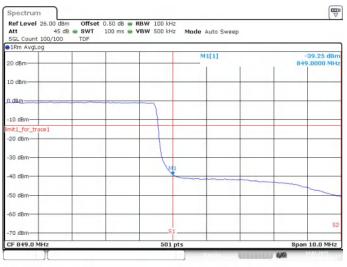




LOW BAND EDGE BLOCK-10MHz-100%RB



HIGH BAND EDGE BLOCK-10MHz-100%RB

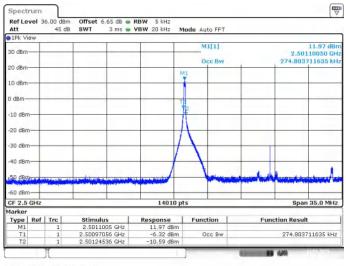


Date: 14.JAN.2025 15:35:19





LTE band 7 OBW: 1RB-LOW_offset



Date: 13.JAN.2025 09:45:36

LOW BAND EDGE BLOCK-1RB-LOW_offset

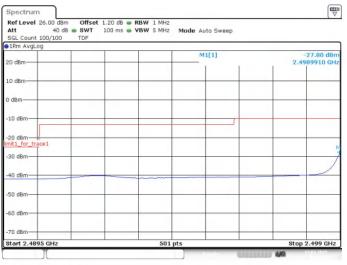
| | | 0 dB RBW 10 kHz 0 ms VBW 50 kHz Mode Auto FFT | |
|--|-----------------|--|------------------------------|
| 20 dBm 2.4999900 (10 dBm 2.499900 (10 dBm 2.49900 (10 dBm 2.49900 (10 dBm 2.49900 (10 dBm 2.4900 (| 1Rm AvgLog | | |
| 0 dBm | 20 dBm | M1[1] | -45.27 dBn 2.49999900 GH: |
| 10.400 10.400 20 dBm -20 dBm -40 dBm -50 dBm -60 dBm | 10 dBm | | |
| 20 dBm | 0 dBm | | |
| -30 dBm | mit1_for_trace1 | | |
| 40 dBm | -20 dBm | | |
| 50 dBm | -30 dBm | | |
| 60 dBm | 40 dBm | | _ |
| | 50 dBm- | | |
| 70 dBm | 60 dBm | | |
| | -70 dBm | | |

Date: 13.JAN.2025 09:46:33



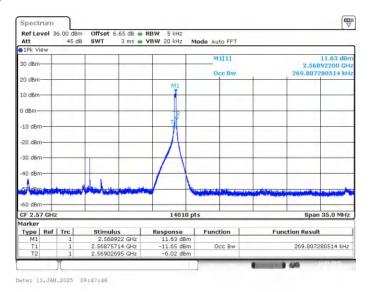


LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 13.JAN.2025 09:47:24

OBW: 1RB-HIGH_offset



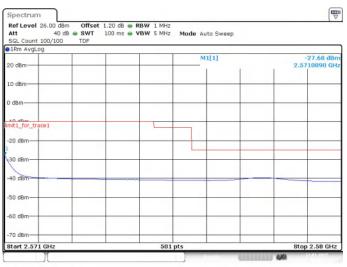




Spectrum Operation Offset 1.20 dB RBW 10 kHz Att 40 dB SWT 100 ms VBW 50 kHz Mode Auto FFT SGL count 100/100 TDF TDF TDF TDF SGL Count 10 1Rm AvgLog M1[1] 45.10 d 20 dBm 2.57 10 dBm 0 dBm hit1_for_t e t -20 dBm 30 dBm 40 dBm 50 dBm -60 dBm -70 dBm-Stop 2.571 GHz Start 2.57 GHz 501 pts 440 Date: 13.JAN.2025 09:48:43

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

HIGH BAND EDGE BLOCK-1RB-HIGH_offset

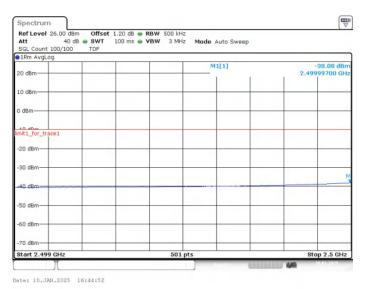


Date: 13.JAN.2025 09:49:35

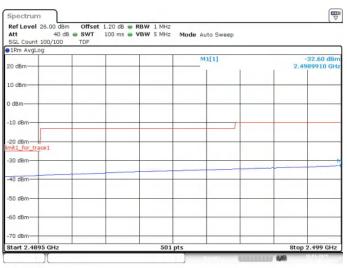




LOW BAND EDGE BLOCK-20MHz-100%RB



LOW BAND EDGE BLOCK-20MHz-100%RB

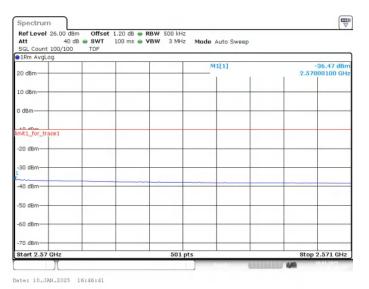


Date: 10.JAN.2025 16:45:43

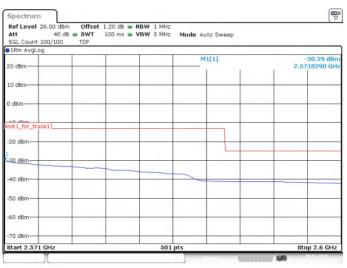




HIGH BAND EDGE BLOCK-20MHz-100%RB



HIGH BAND EDGE BLOCK-20MHz-100%RB

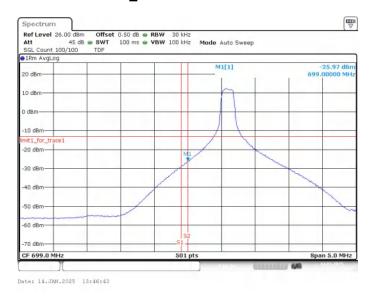


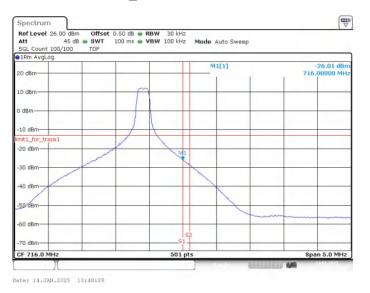
Date: 10.JAN.2025 16:47:33





LTE band 12 LOW BAND EDGE BLOCK-1RB-LOW_offset

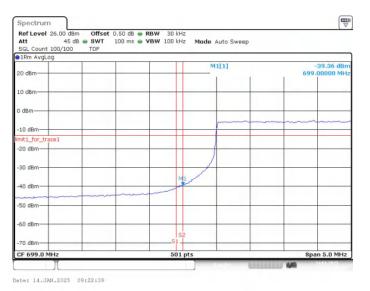








LOW BAND EDGE BLOCK-10MHz-100%RB



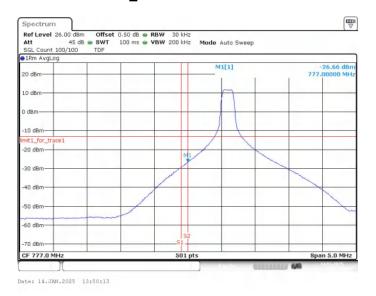
HIGH BAND EDGE BLOCK-10MHz-100%RB

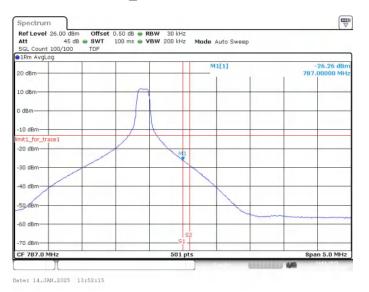






LTE band 13 LOW BAND EDGE BLOCK-1RB-LOW_offset

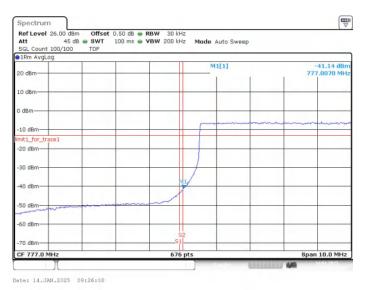




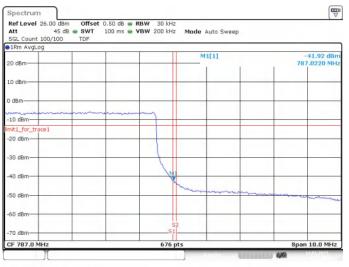




LOW BAND EDGE BLOCK-10MHz-100%RB



HIGH BAND EDGE BLOCK-10MHz-100%RB

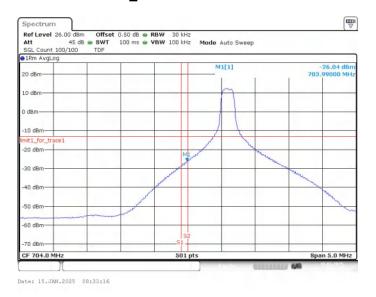


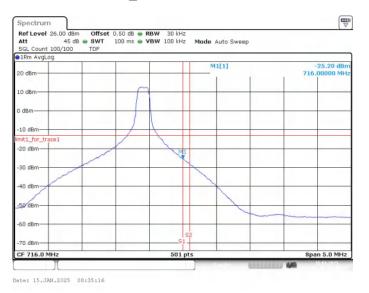
Date: 14.JAN.2025 09:28:10





LTE band 17 LOW BAND EDGE BLOCK-1RB-LOW_offset

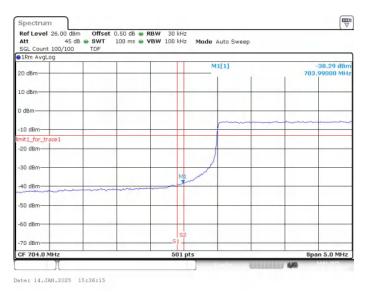




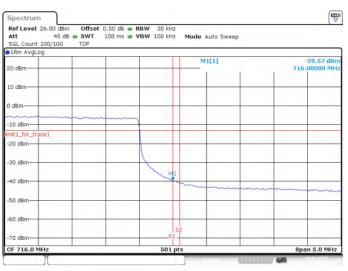




LOW BAND EDGE BLOCK-10MHz-100%RB



HIGH BAND EDGE BLOCK-10MHz-100%RB



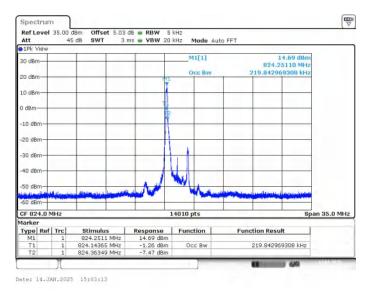
Date: 14.JAN.2025 15:38:01



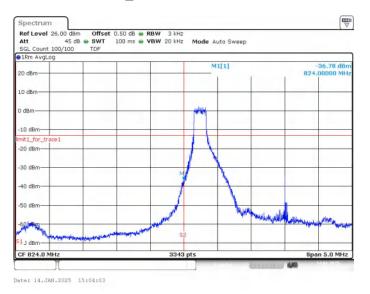


LTE band 26(824MHz~849MHz)

OBW: 1RB-LOW_offset



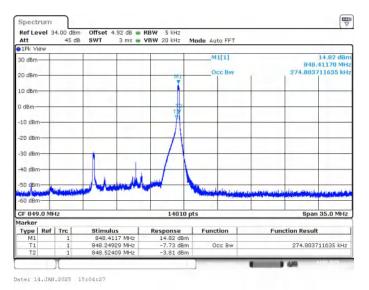
LOW BAND EDGE BLOCK-1RB-LOW_offset

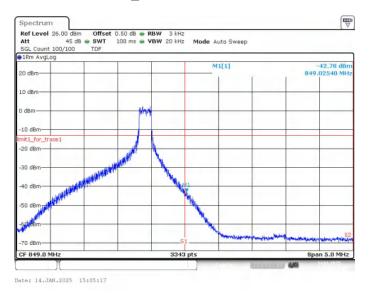






OBW: 1RB-HIGH_offset

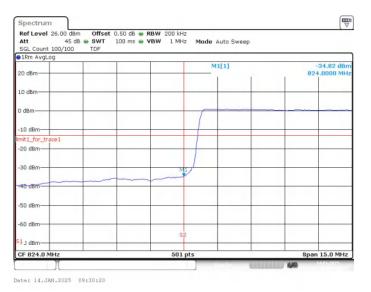




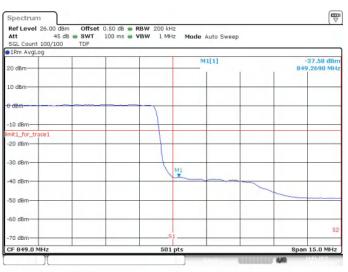




LOW BAND EDGE BLOCK-15MHz-100%RB



HIGH BAND EDGE BLOCK-15MHz-100%RB



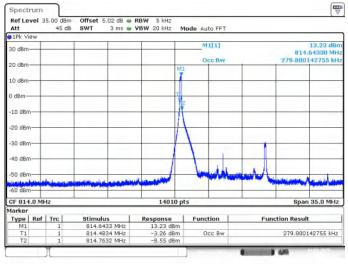
Date: 14.JAN.2025 09:31:15





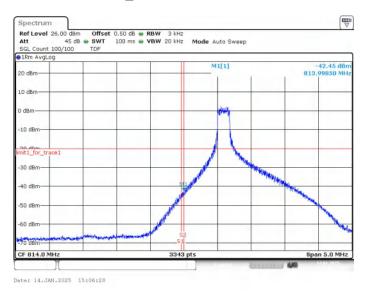
LTE band 26(814MHz~824MHz)

OBW: 1RB-LOW_offset



Date: 14.JAN.2025 15:05:38

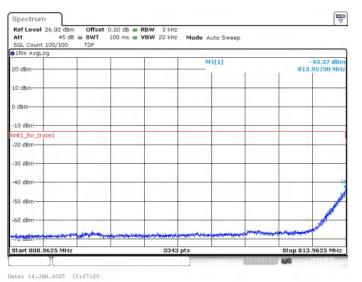
LOW BAND EDGE BLOCK-1RB-LOW_offset



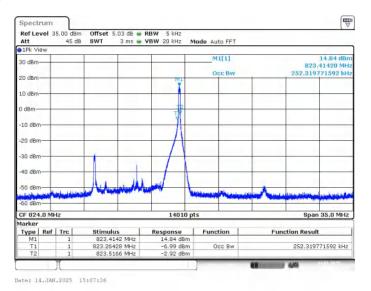




LOW BAND EDGE BLOCK-1RB-LOW_offset

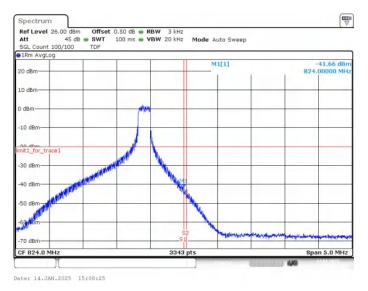


OBW: 1RB-HIGH_offset

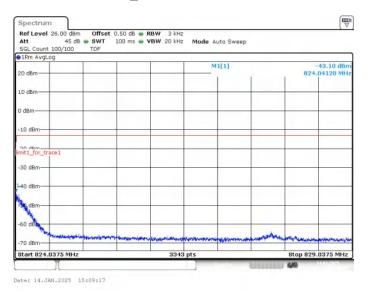








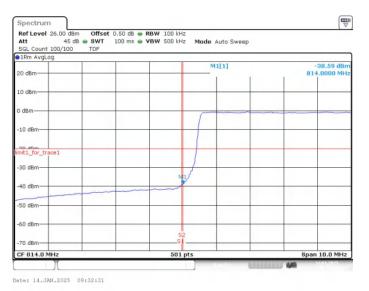
HIGH BAND EDGE BLOCK-1RB-HIGH_offset







LOW BAND EDGE BLOCK-10MHz-100%RB



LOW BAND EDGE BLOCK-10MHz-100%RB

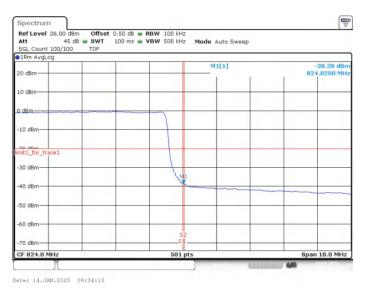
| Att 45 dB SWT 100 SGL Count 100/100 TDF | dB 🖷 RBW 100 kHz ms 🖷 VBW 500 kHz Mode Auto Sweep | |
|--|--|----------------------------|
| 20 dBm | M1[1] | -39.25 dBn 813.95750 MH |
| 10 dBm | | |
|) dBm | | |
| 10 dBm- | | |
| nit1_for_trace1 20 dBm | | |
| 30 dBm- | | |
| 40 dBm | | |
| 50 dBm | | |
| 60 dBm | | |
| 70 dBm | | |
| Start 808.9625 MHz | 501 pts | Stop 813.9625 MHz |

Date: 14.JAN.2025 09:33:22





HIGH BAND EDGE BLOCK-10MHz-100%RB



HIGH BAND EDGE BLOCK-10MHz-100%RB

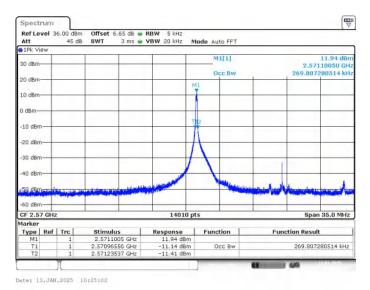
| Att 45 dB SWT 1 SGL Count 100/100 TDF | 50 dB 🖷 RBW 100 kHz 00 ms 🖷 VBW 500 kHz 🛛 Mode Auto Sweep | |
|--|--|-----------------------------|
| 20 dBm | M1[1] | -38.90 dBn 824.05250 MH: |
| 10 dbm | | 024.03230 MIL |
| 10 dBm | | |
|) dBm | | |
| 10 dBm- | | |
| nit1_for_trace1 | | |
| 30 dBm | | |
| 40 d8m | | |
| 50 d8m | | |
| 60 dBm | | |
| 70 dBm- | | |
| Start 824.0375 MHz | 501 pts | Stop 829.0375 Mi |

Date: 14.JAN.2025 09:35:04





LTE band 38 OBW: 1RB-LOW_offset



LOW BAND EDGE BLOCK-1RB-LOW_offset

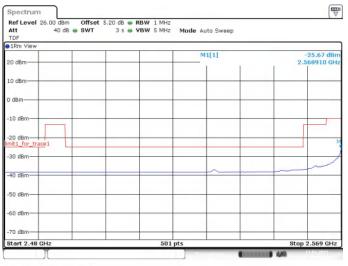
| TDF | 3 s 🖶 VBW 50 kH | Iz Mode Auto Sweep | | |
|--|---|---|---|--------------|
| 1Rm View | | M1[1] | | -42.49 dBm |
| 20 dBm | | | 2.56 | 999300 GH |
| LO dBm | | | | |
| U UBIII | | | | |
|) dBm | | | | - |
| 10.d0m | | | | _ |
| nit1_for_trace1 | | | | |
| 20 dBm- | | | | - |
| 30 dBm- | | | | |
| SU UBIN | | | | |
| 40 dBm | | | | M |
| 50 dBm เหตุรูเอาการจากจากสู่เพาะประการจากจากจาก | | and a superior to company to should be should | And and a second and | manufactoria |
| ที่สาวของสาวสาวเมือง เมือง | AS ARAMAN AND A A A A A A A A A A A A A A A A A | | | |
| 60 dBm | | | | - |
| 70 dBm | | | | |
| Start 2,569 GHz | 50 | 1 pts | Sto | p 2.57 GHz |

Date: 13.JAN.2025 10:25:43



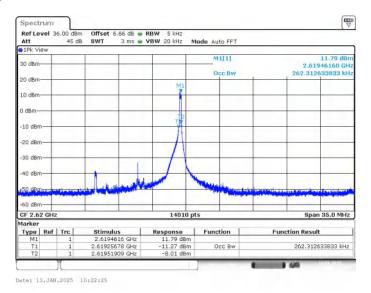


LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 13.JAN.2025 10:26:24

OBW: 1RB-HIGH_offset







Spectrum Ref Level 26.00 dBm Offset 5.20 dB RBW 10 kHz Att 40 dB SWT 3 s VBW 50 kHz Mode Auto Sweep TDF 1Rm Vie M1[1] 20 dBm 2.620 00100 GI 10 dBm 0 dBm hit1_for_ 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm -70 dBm-Start 2.62 GHz 501 pts Stop 2.621 GHz **III III** 440 Date: 13.JAN.2025 10:23:07

HIGH BAND EDGE BLOCK-1RB-HIGH_offset







Channel power

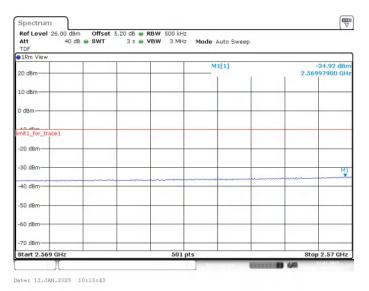
| Att 40 dB 🖷 SWT | 20 dB • RBW 10 kHz 3 s • VBW 30 kHz Mode Auto Sweet | 0 |
|-----------------|--|--------------|
| TDF 1Rm View | | |
| 20 dBm- | | |
| 10 dBm | T-1 | |
| D dBm | | |
| -10 dBm | | |
| -20 dBm | | |
| -30 dBm | | |
| 40 dBm | | |
| -50 dBm | wompower for an and the second | |
| CF 2.621 GHz | | |
| CF 2.821 GHZ | 500 pts | Span 2.0 MHz |

Date: 13.JAN.2025 10:24:36

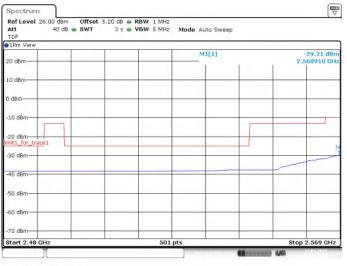




LOW BAND EDGE BLOCK-20MHz-100%RB



LOW BAND EDGE BLOCK-20MHz-100%RB

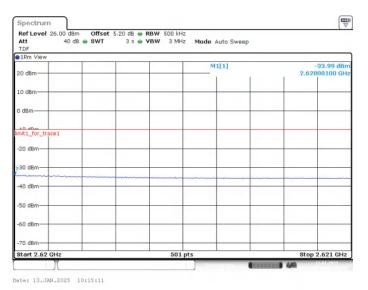


Date: 13.JAN.2025 10:14:24

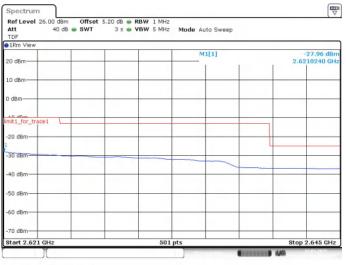




HIGH BAND EDGE BLOCK-20MHz-100%RB



HIGH BAND EDGE BLOCK-20MHz-100%RB

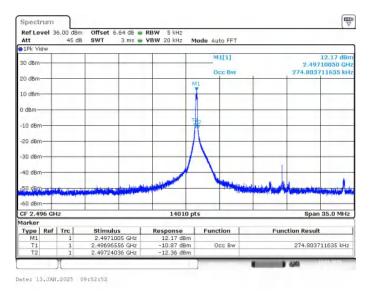


Date: 13.JAN.2025 10:15:53

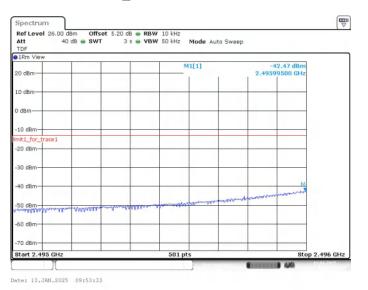




LTE band 41 OBW: 1RB-LOW_offset



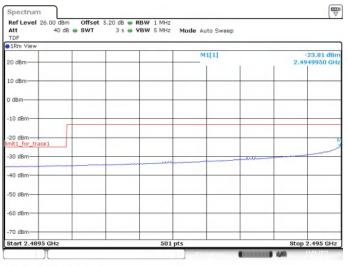
LOW BAND EDGE BLOCK-1RB-LOW_offset





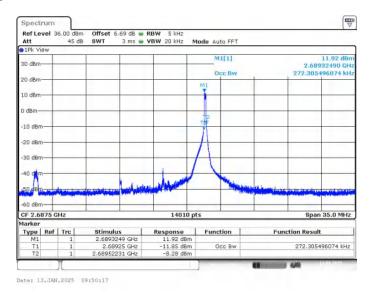


LOW BAND EDGE BLOCK-1RB-LOW_offset



Date: 13.JAN.2025 09:54:13

OBW: 1RB-HIGH_offset







Spectrum Ref Level 26.00 dBm Offset 5.20 dB RBW 10 kHz Att 40 dB SWT 3 s VBW 50 kHz Mode Auto Sweep TDF 1Rm Vie M1[1] 36.02 d 20 dBm 2.69 0100 G 10 dBm 0 dBm -10 dbm nit1_for_trace1 -20 dBm-30 dBm 40 dBm Ann her 50 dBm -60 dBm -70 dBm-Start 2.69 GHz 501 pts Stop 2.691 GHz Recently AN Date: 13.JAN.2025 09:50:57

HIGH BAND EDGE BLOCK-1RB-HIGH_offset







Channel power

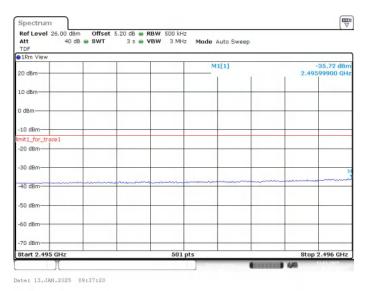
| Att 40 dB 🖷 SWT | 5.20 dB • RBW 10 kHz 3 s • VBW 30 kHz Mod | le Auto Sweep | 0 | |
|-------------------------------------|--|---|----------|--------------|
| TDF 1Rm View | | _ | | |
| 20 dBm- | | | | |
| 10 dBm- | T_1. | | | |
| D dBm | | | | |
| -10 dBm | | | | |
| -20 dBm | | | | |
| -30 dBm | | | | |
| 40 vilace | | | | |
| -50 dBm | | and the second se | | |
| CF 2.691 GHz | 500 pts | | | Span 2.0 MHz |
| Shannel Power Bandwidth 1.00 MHz | Power -31.6 | 8 dBm | Tx Total | 31.68 dBm |

Date: 13.JAN.2025 09:52:26





LOW BAND EDGE BLOCK-20MHz-100%RB



LOW BAND EDGE BLOCK-20MHz-100%RB

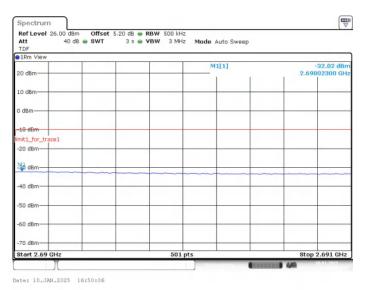


Date: 13.JAN.2025 09:38:01





HIGH BAND EDGE BLOCK-20MHz-100%RB



HIGH BAND EDGE BLOCK-20MHz-100%RB

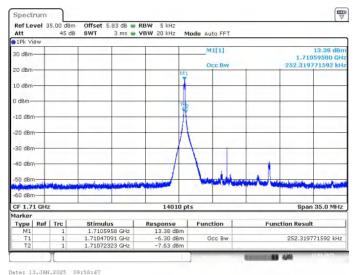


Date: 10.JAN.2025 16:50:46



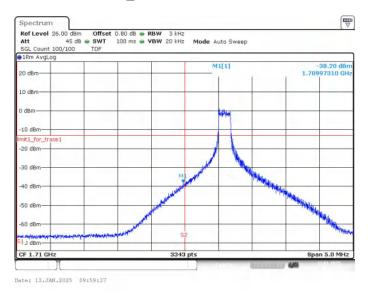


LTE band 66 OBW: 1RB-LOW_offset



Date: 1010/01/2020 0010014

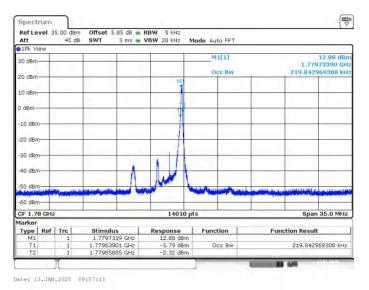
LOW BAND EDGE BLOCK-1RB-LOW_offset



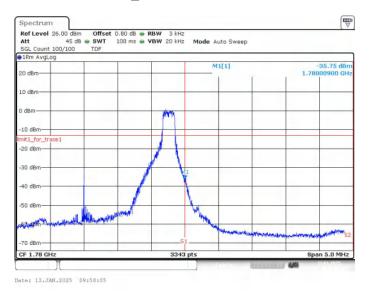




OBW: 1RB-HIGH_offset



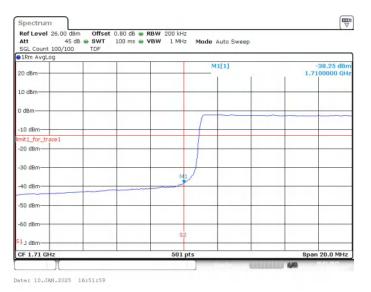
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



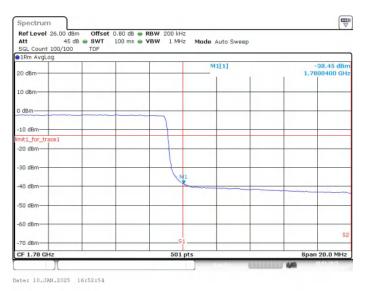




LOW BAND EDGE BLOCK-20MHz-100%RB



HIGH BAND EDGE BLOCK-20MHz-100%RB







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×span/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 $43 + 10 \log(P) dB$.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(c) states for operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

Part 27.53(f) states for operations in the 746–758 MHz,775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to -70dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals.





Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

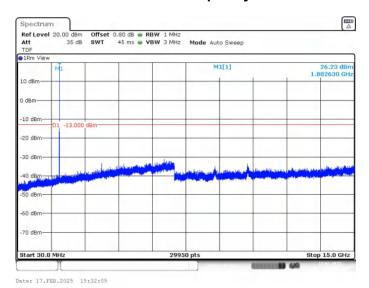
Part 90.691 states that out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116Log₁₀(f/6.1) decibels or 50 + 10 Log₁₀(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz. For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log₁₀(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log₁₀(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.





A.7.3 Measurement result LTE band 2

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



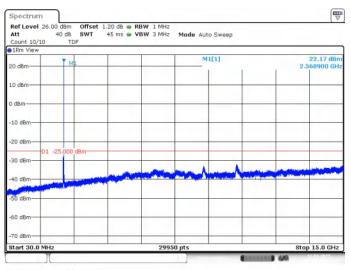
Spectrum Ref Level 20.00 dBm Att 35 dB TDF Offset 0.80 dB • RBW 1 MHz SWT 12.3 ms • VBW 3 MHz Mode Auto Sweep ●1Rm Viev M1[1] -31.99 dBr 15.730940 GH 10 dBm 1 dBm -10 dBm 01 -13.000 20 dBr 30 dBn ليا أدراده 40 dB 50 dBn 60 dBr 20 8310 pts Stop 19.1 GHz tart 15.0 GH Concernence and

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LTE band 7 NOTE: peak above the limit line is the carrier frequency.



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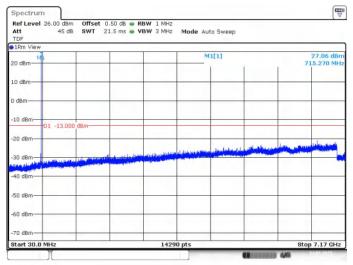
| Ref Level 26.00 dBm Offset Att 40 dB SWT Count 10/10 TDF | 1.20 dB • RBW 1 MHz 32.1 ms • VBW 3 MHz | Mode Auto Sweep | |
|--|--|-----------------|---|
| 1Rm View | | | |
| 20 dBm | | M1[1] | -29.13 dBm 15.766390 GH |
| 10 dBm | | | |
|) dBm | | | |
| 10 dBm- | | | |
| 20 dBm | | | |
| 30 dBn | | | and the state of the |
| 40 dBm | | | |
| 50 dBm | | | |
| 60 dBm- | | | |
| -70 dBm | | | |
| Start 15.0 GHz | 214 | 10 pts | Stop 25.7 GHz |

Date: 13.JAN.2025 10:05:09





LTE band 12 NOTE: peak above the limit line is the carrier frequency.

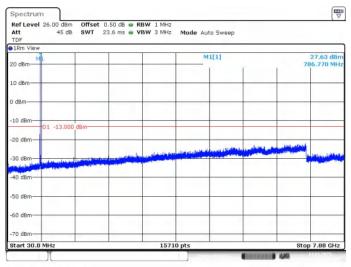


Date: 14.JAN.2025 15:30:32





LTE band 13 NOTE: peak above the limit line is the carrier frequency.



Date: 14.JAN.2025 15:27:24

| Count 10/10 TI 1Rm View | DF | | | | _ | | | |
|----------------------------|----------------|---------|------------------|---|--------------|---------------|-----------|------------------------|
| 20 dBm | | - | | M | 1[1] | | | 61.00 dBn 98857 MH: |
| LO dBm | | | | | | | | |
| dBm | | | | | | | | |
| 10 dBm | | | | | | | - | |
| 20 dBm | | - | | | | | | |
| 30 dBm-01 -35.000 | dBm | | | | | | | |
| 40 dBm | | | | | | | | |
| 50 dBm | | | | | | | | м1 |
| 60 dBm | and a straight | Whenthe | Marili Marchille | - | Hant Mitches | maniatumation | MINIMUMMI | Vinternit |

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| Att 45 Count 10/10 | | 910.2 µs 🖷 ' | BW 30 kH | iz Mode | Auto FFT | | | |
|-----------------------|---------------------|--------------------|--------------------------|-----------------|-------------------|--------------|---|---------------|
| 1Rm View | | - | | | | | - | 61.91 dBm |
| 20 dBm | _ | - | - | M | 1[1] | | | 78645 MH |
| | | | | | | | | |
| 10 dBm | | | | | | | | |
| dBm | | | | | | | | |
| | | | | | | | | |
| 10 dBm | | - | | | | | - | |
| -20 dBm | | | | | | | | |
| 20 0811 | | | | | | | | |
| 30 dBm | _ | - | | | | | | |
| | 000 dBm | - | | | 10.5 | | | |
| -40 dBm- | | | | | | | | |
| -50 dBm | | | | | | | | _ |
| | | | | | | | | |
| -60 dBm | | A CONTRACT OF | 11.000 | | d Latina | | | a contraction |
| 70 dem | a helmedade Antique | e en frankrige fra | er and the second second | Million Marthew | WHITE HARD | epited/where | ed and a state of the state of | A STREET |
| Start 793.0 MHz | | | 4170 | nte | | | Stop | 306.0 MHz |

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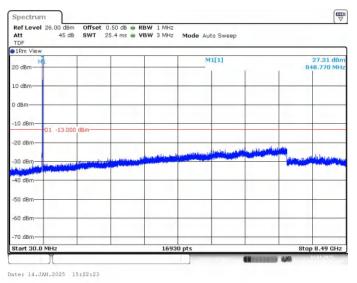
| -48.25 dBr |
|-------------|
| 1.603430 GH |
| |
| |
| |
| |
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| |
| MI |
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| |

Date: 14.JAN.2025 15:29:03



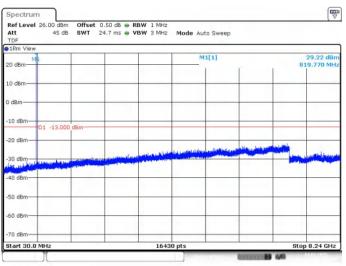


LTE band 26(824MHz~849MHz) NOTE: peak above the limit line is the carrier frequency.



LTE band 26(814MHz~824MHz)

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

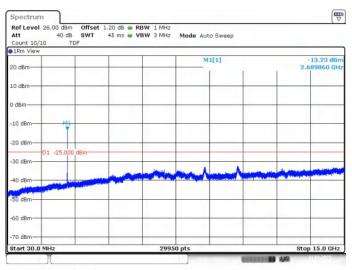


Date: 14.JAN.2025 15:23:12





LTE band 41 NOTE: peak above the limit line is the carrier frequency.



Date: 13.JAN.2025 10:06:10

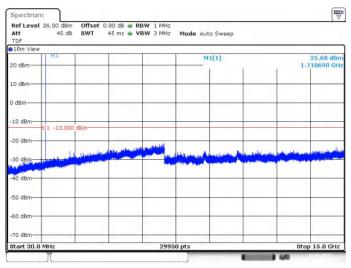
| Ref Level 26.00 dBm Offset Att 40 dB SWT Count 10/10 TDF | 1.20 dB • RBW 1 MHz 35.7 ms • VBW 3 MHz | Mode Auto Sweep | |
|--|--|-----------------|-----------------------------|
| 1Rm View | | | |
| 20 dBm- | | M1[1] | -28.64 dBm 15.749440 GHz |
| 10 dBm | | | |
|) dBm | | | |
| -10 dBm | | | |
| -20 dBm | | | |
| M1 01 -25.000 dBm 30 dBm | Real Contraction of the local | | |
| 40 dBm | | | |
| 50 dBm- | | | |
| 60 dBm- | | | |
| -70 dBm | | | |
| Start 15.0 GHz | 2381 | LO pts | Stop 26.9 GHz |

Date: 13.JAN.2025 10:06:43





LTE band 66 NOTE: peak above the limit line is the carrier frequency.



Date: 13.JAN.2025 10:07:56

| Ref Level 26.00 dBm Att 45 dB TDF | Offset 0.80 dB SWT 8.4 ms | VBW 3 MHz | Mode Auto Sweep | | |
|---|------------------------------|-----------------|-------------------------------|-------|---------------|
| 1Rm View | | | M1[1] | | -21.83 dBm |
| 20 dBm | | - | 1 | | 15.822780 GH |
| 10 dBm | | _ | | | _ |
| 0 dBm | | | | | _ |
| -10 dBm-01 -13.000 | dBm | | | | |
| -20 dBm | M1 | da i atta su an | mine to the state of the sure | 1.000 | |
| 30 dBm | | | | | |
| 40 d8m | | _ | | | - |
| 50 d8m | | - | | | |
| 60 dBm | | | | | |
| 70 dBm | | _ | | | |
| Start 15.0 GHz | | 5610 | nts | | Stop 17.8 GHz |

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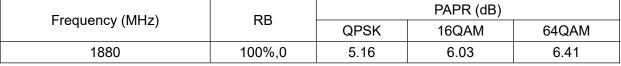
A.8 Peak-to-Average Power Ratio

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 ≥ 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%.

Measurement results LTE Band 2, 20MHz



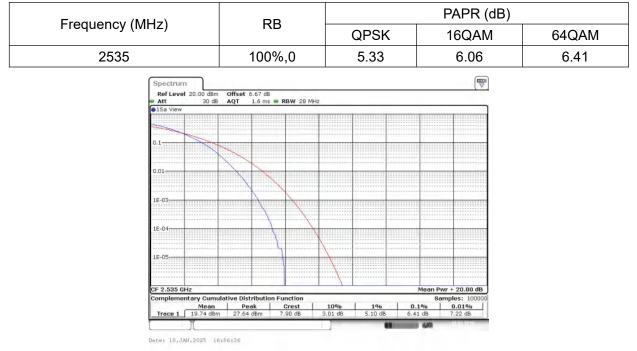


Date: 10.JAN.2025 16:56:21



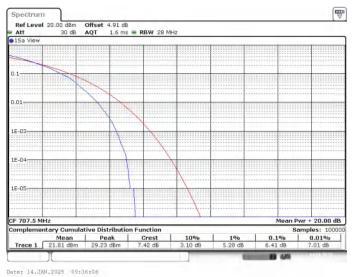


LTE Band 7, 20MHz



LTE Band 12, 10MHz

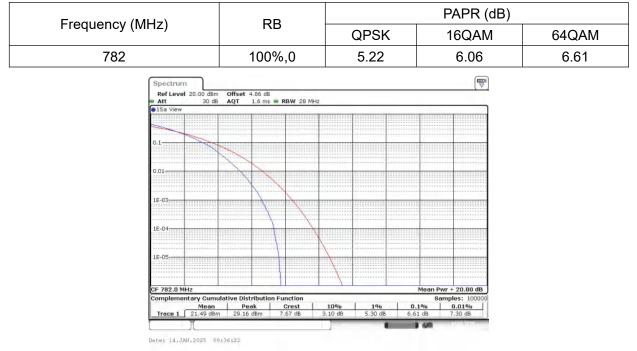
| Frequency (MHz) | DD | PAPR (dB) | | |
|-----------------|--------|-----------|---------------|------|
| Frequency (MHz) | RB | QPSK | PSK 16QAM 640 | |
| 707.5 | 100%,0 | 5.01 | 5.91 | 6.41 |





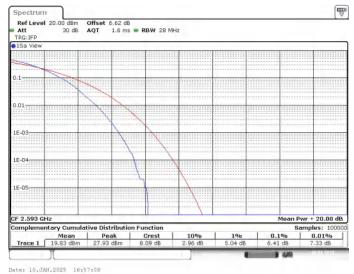


LTE Band 13, 10MHz



LTE Band 41, 20MHz

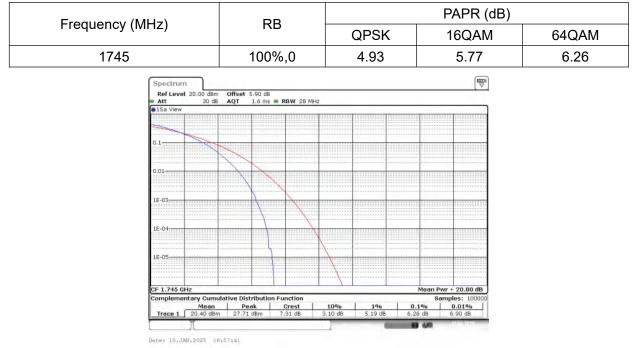
| Frequency (MHz) | RB | PAPR (dB) | | |
|-----------------|--------|---------------|-------|------|
| Frequency (MHz) | RD | QPSK 16QAM 64 | 64QAM | |
| 2593 | 100%,0 | 5.39 | 6.12 | 6.41 |







LTE Band 66, 20MHz







Annex B: Accreditation Certificate



END OF REPORT