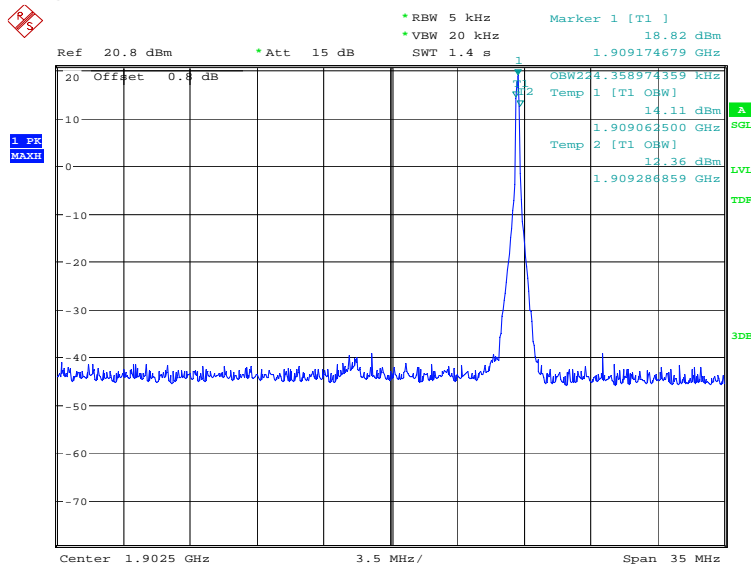
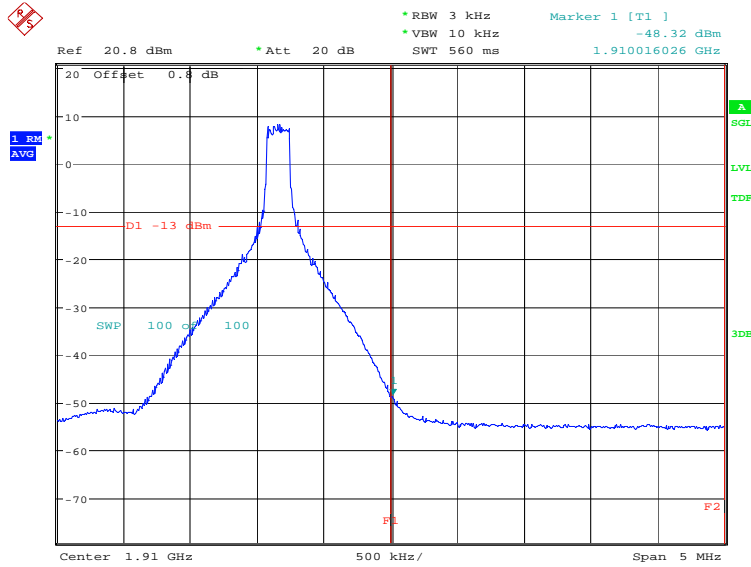


OBW: 1RB-high_offset



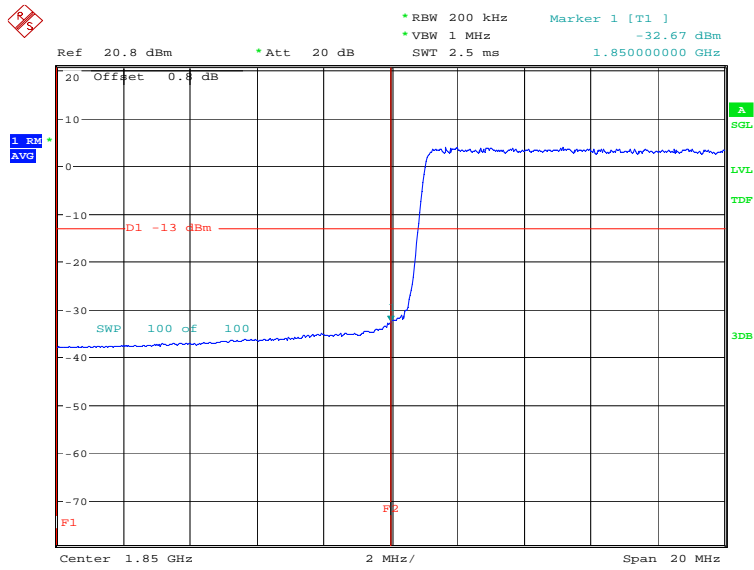
Date: 17.SEP.2021 16:01:41

HIGH BAND EDGE BLOCK-1RB-high_offset



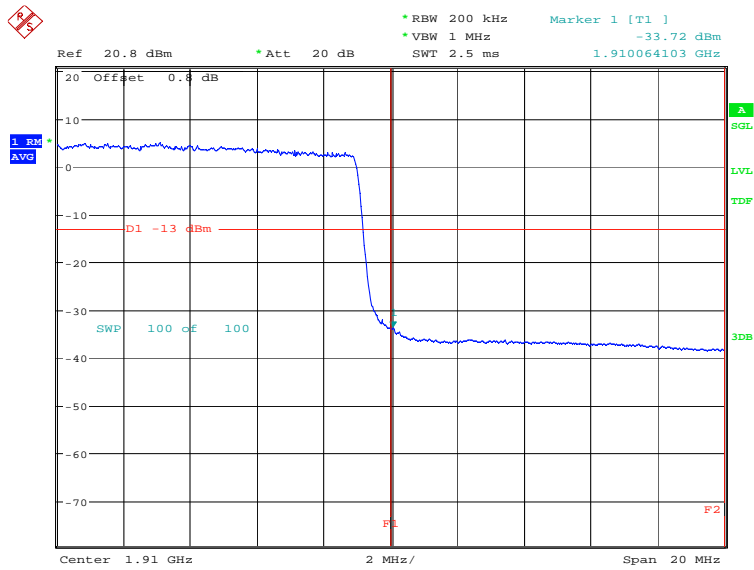
Date: 17.SEP.2021 16:02:55

LOW BAND EDGE BLOCK-20MHz-100%RB



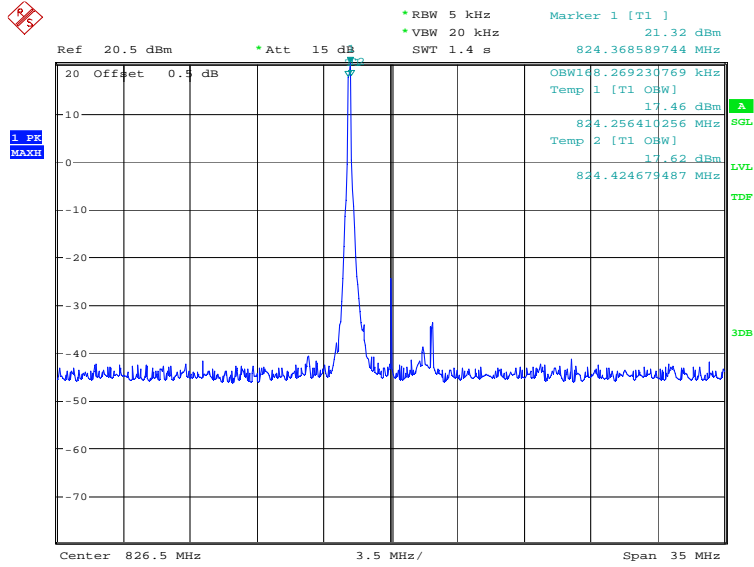
Date: 17.SEP.2021 09:38:36

HIGH BAND EDGE BLOCK-20MHz-100%RB



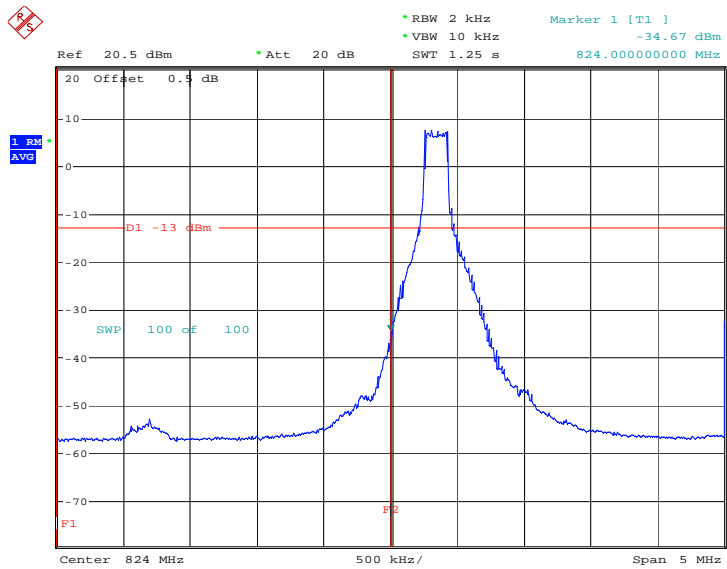
Date: 17.SEP.2021 09:40:05

LTE band 5
OBW: 1RB-low_offset



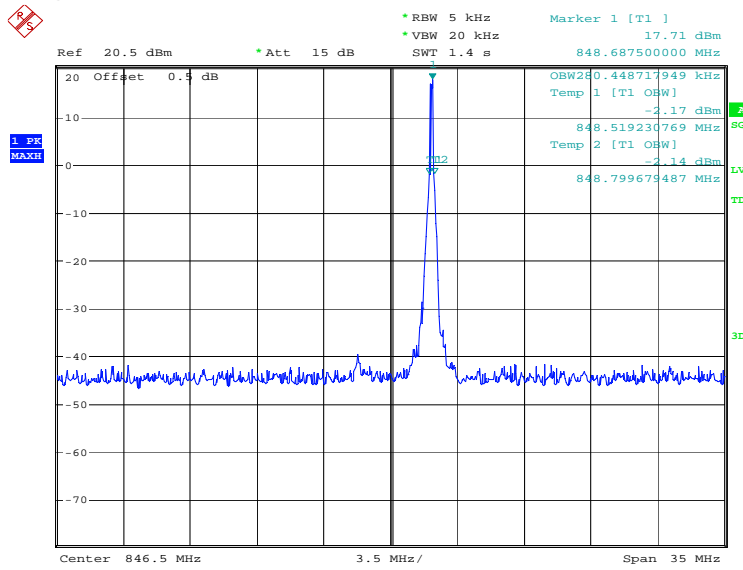
Date: 19.AUG.2021 16:23:52

LOW BAND EDGE BLOCK-1RB-low_offset



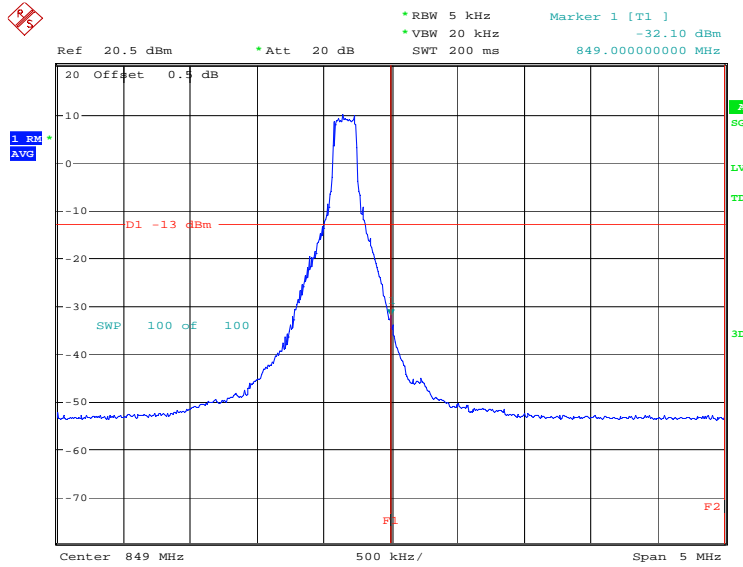
Date: 19.AUG.2021 16:26:23

OBW: 1RB-high_offset



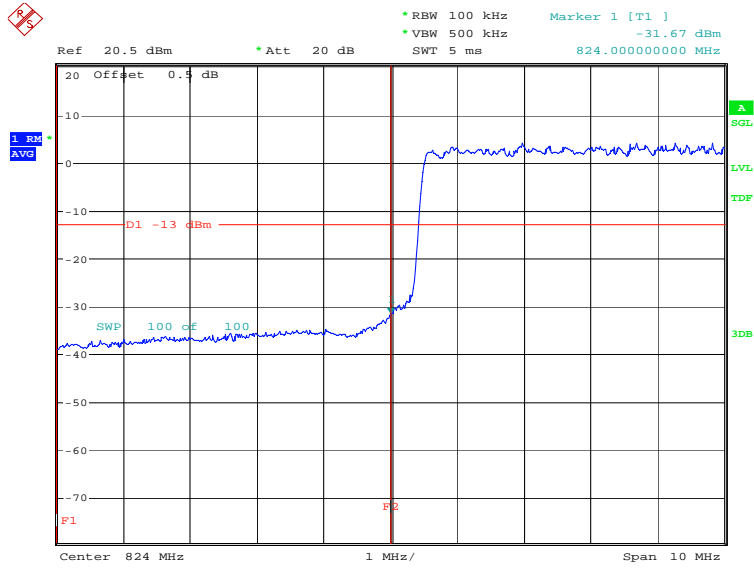
Date: 19.AUG.2021 16:26:58

HIGH BAND EDGE BLOCK-1RB-high_offset



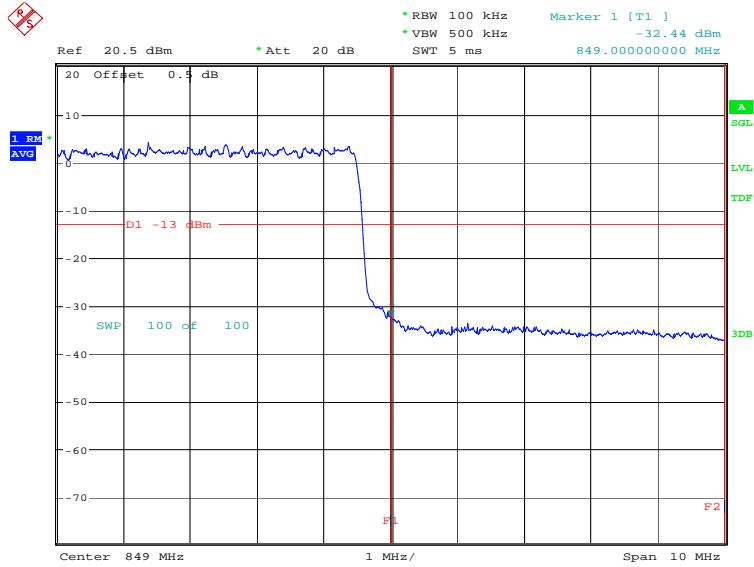
Date: 19.AUG.2021 16:28:12

LOW BAND EDGE BLOCK-10MHz-100%RB



Date: 5.AUG.2021 16:35:54

HIGH BAND EDGE BLOCK-10MHz-100%RB

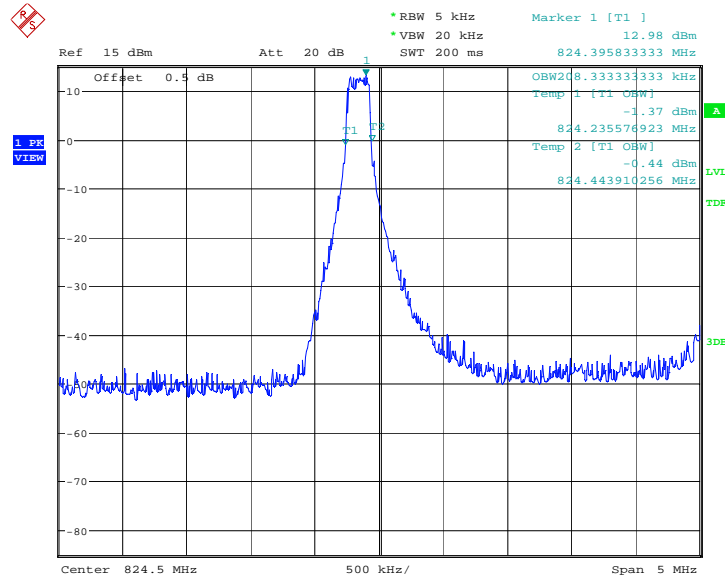


Date: 5.AUG.2021 16:37:23

LTE band 5_CA

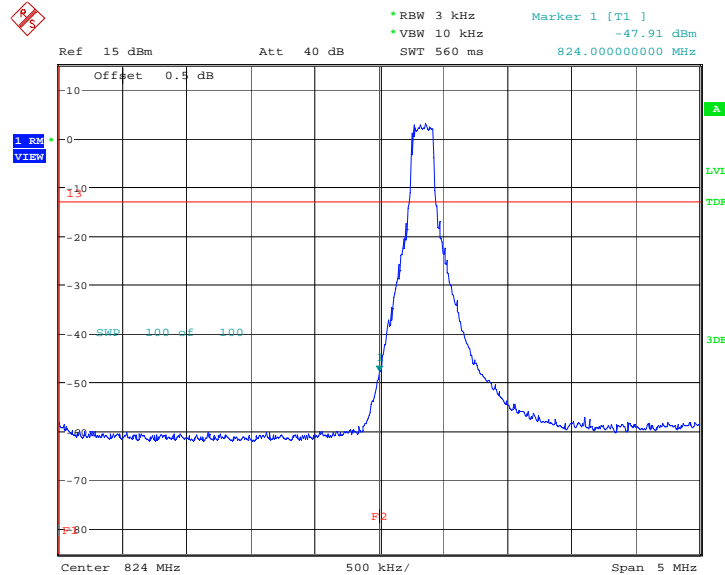
Only the worst case result is given below

OBW: 1RB-low_offset



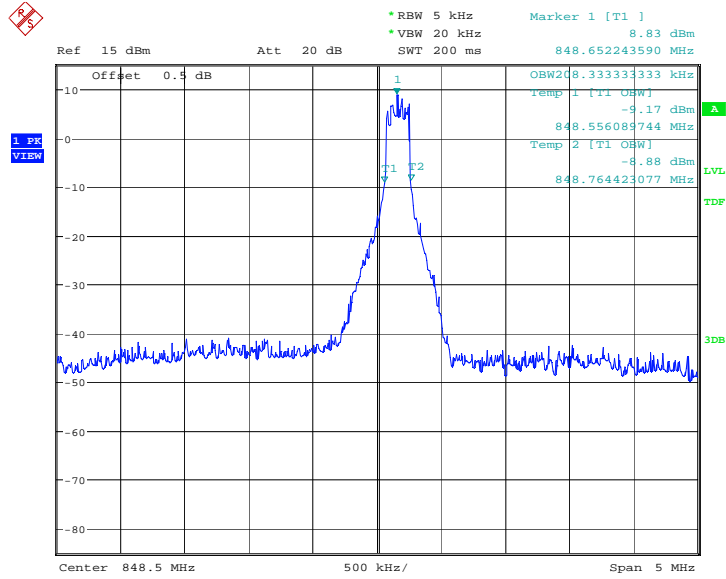
Date: 18.AUG.2021 09:43:29

LOW BAND EDGE BLOCK-1RB-low_offset



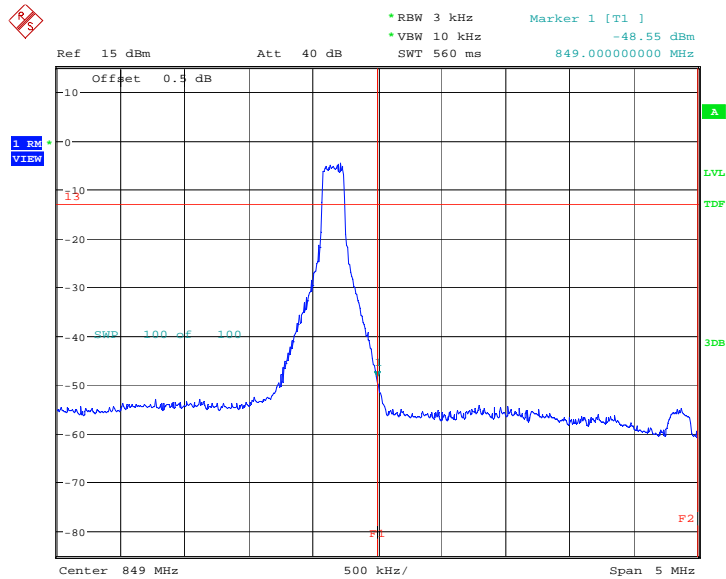
Date: 18.AUG.2021 09:44:32

OBW: 1RB-high_offset



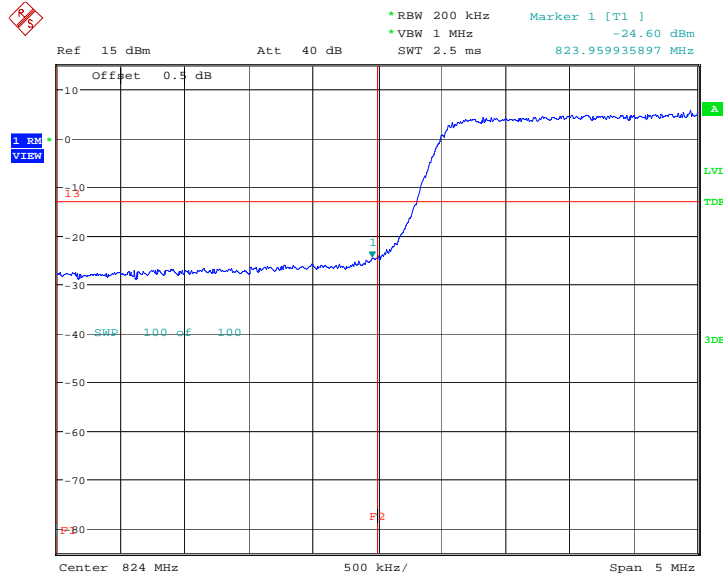
Date: 18.AUG.2021 09:46:22

HIGH BAND EDGE BLOCK-1RB-high_offset



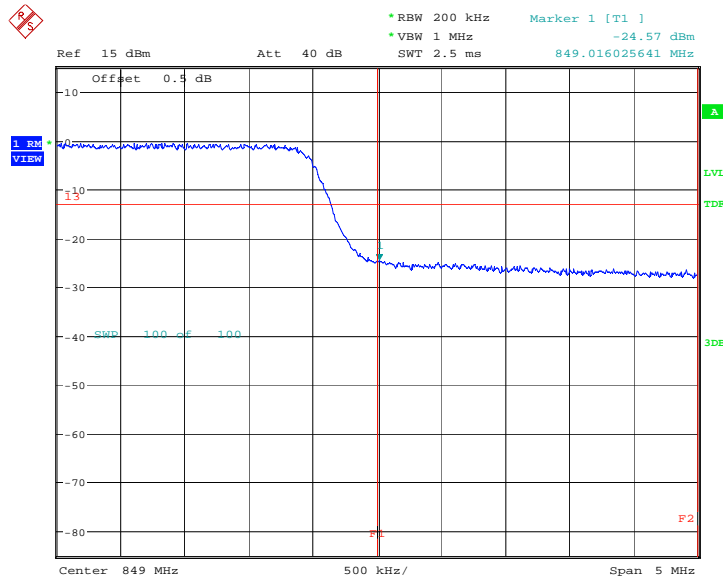
Date: 18.AUG.2021 09:47:24

LOW BAND EDGE BLOCK-10MHz+10MHz-100%RB



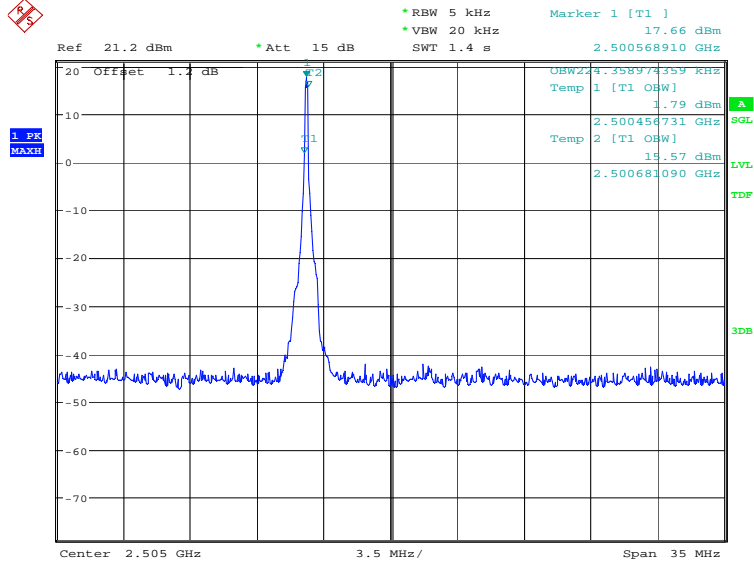
Date: 7.AUG.2021 17:55:01

HIGH BAND EDGE BLOCK-10MHz+10MHz-100%RB



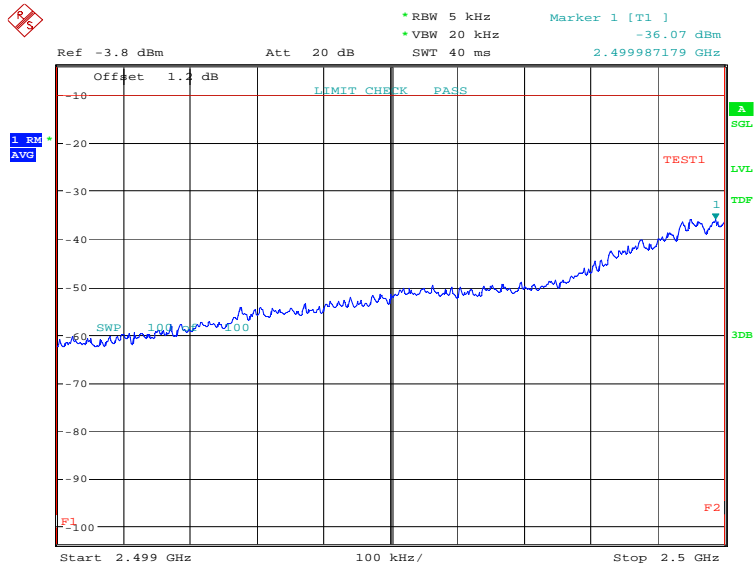
Date: 7.AUG.2021 17:57:24

LTE band 7
OBW: 1RB-low_offset

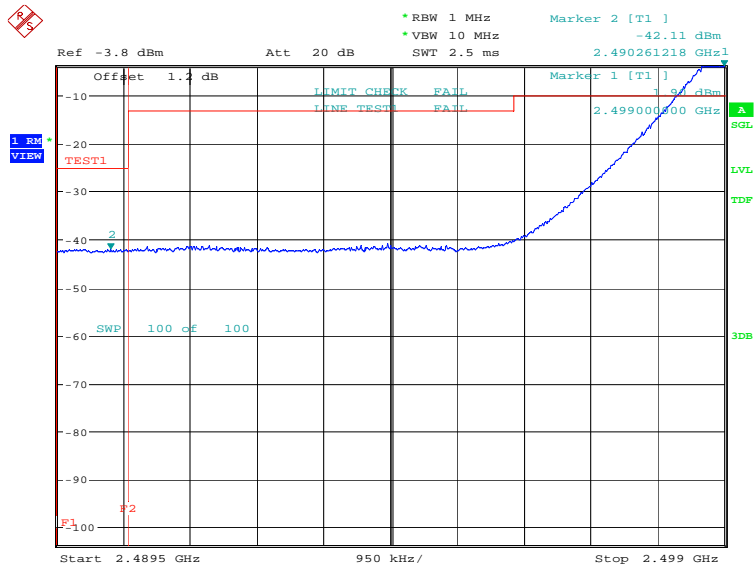


Date: 20.AUG.2021 09:21:29

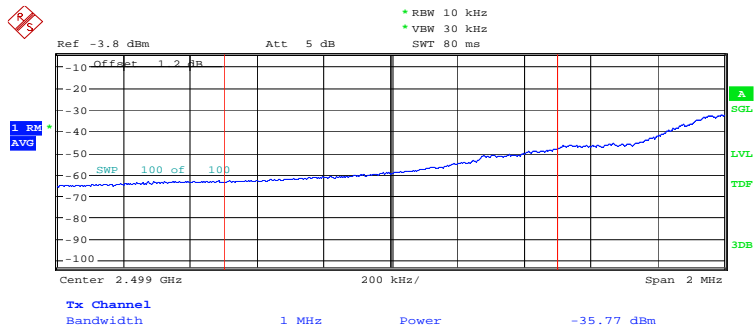
LOW BAND EDGE BLOCK-1RB-low_offset



Date: 20.AUG.2021 09:22:50

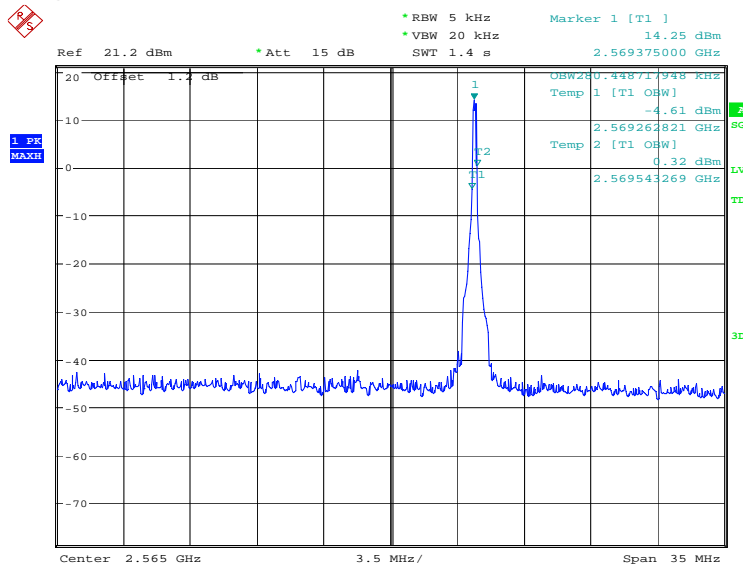


Date: 20.AUG.2021 09:24:38



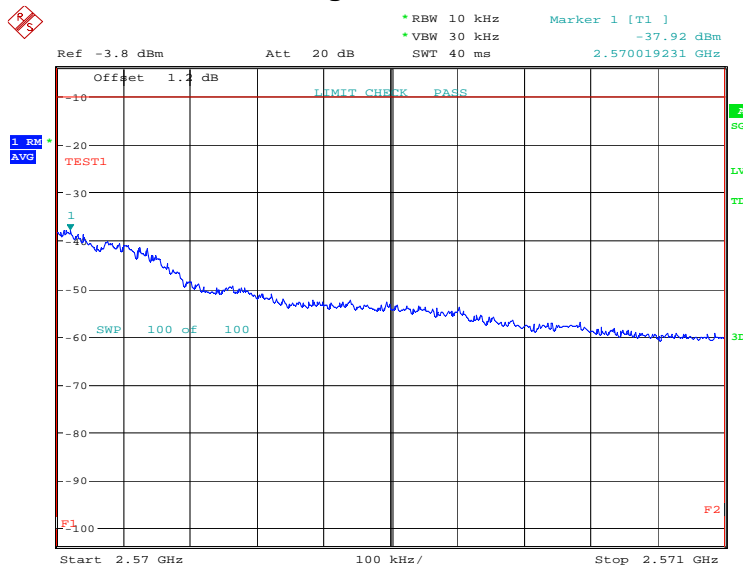
Date: 20.AUG.2021 09:25:05

OBW: 1RB-high_offset

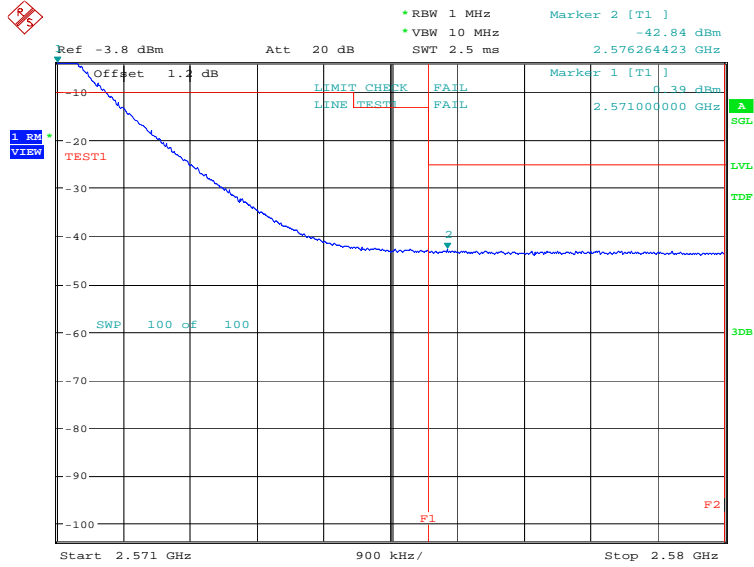


Date: 20.AUG.2021 09:25:40

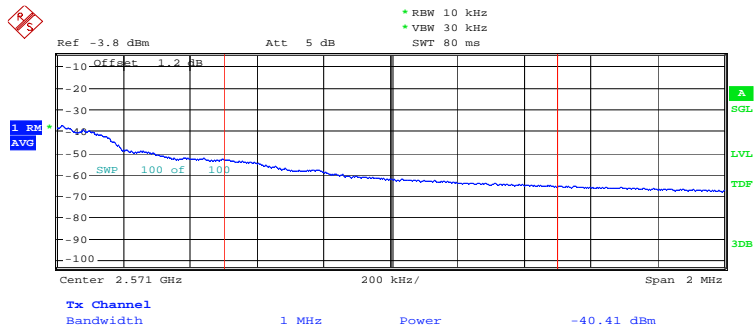
HIGH BAND EDGE BLOCK-1RB-high_offset



Date: 20.AUG.2021 09:27:00

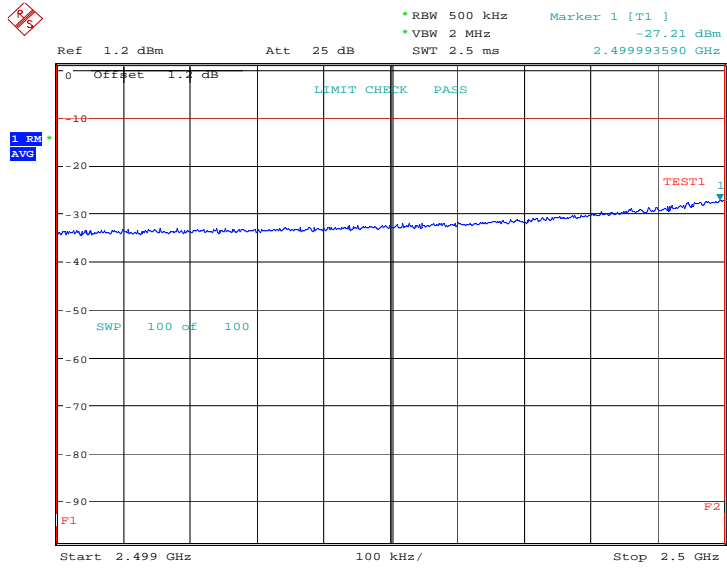


Date: 20.AUG.2021 09:28:49

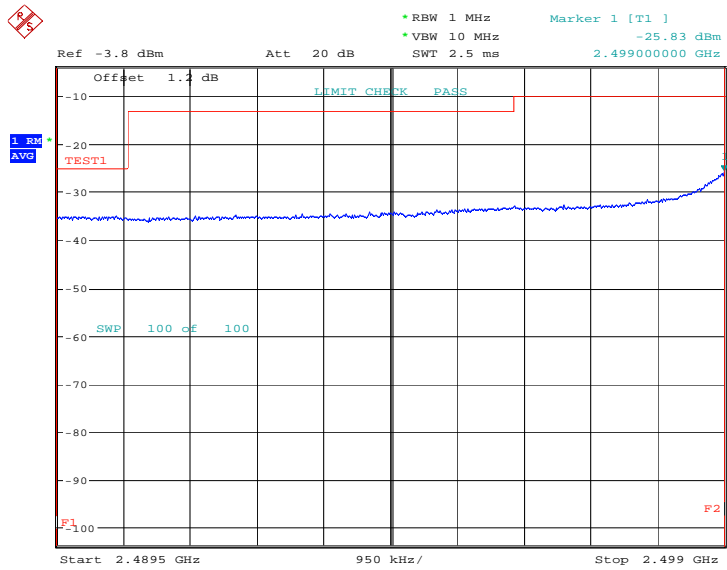


Date: 20.AUG.2021 09:29:16

LOW BAND EDGE BLOCK-20MHz-100%RB

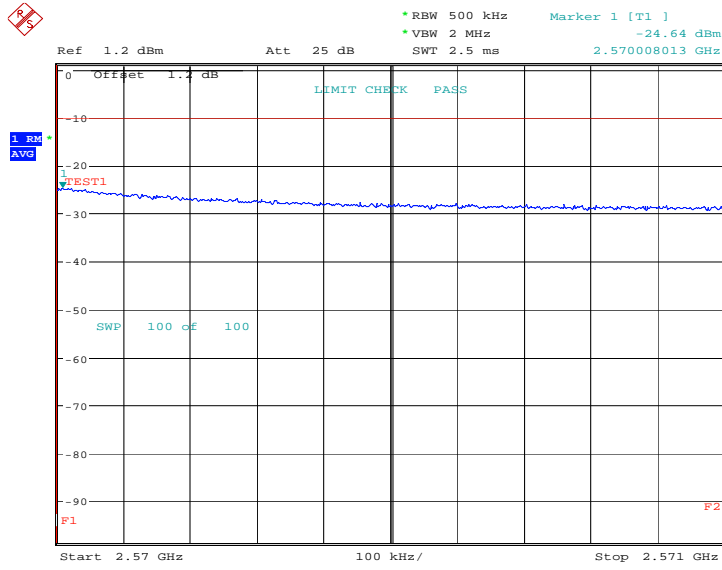


Date: 6.AUG.2021 08:30:19

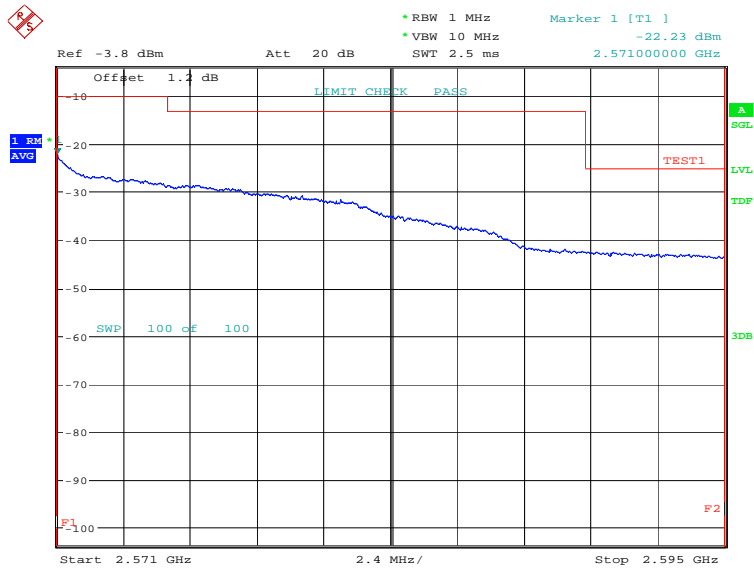


Date: 6.AUG.2021 08:31:59

HIGH BAND EDGE BLOCK-20MHz-100%RB

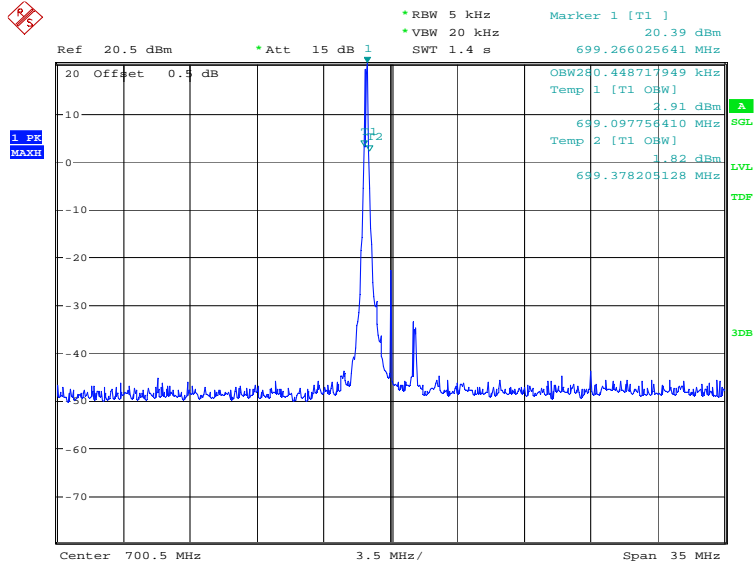


Date: 6.AUG.2021 08:34:55



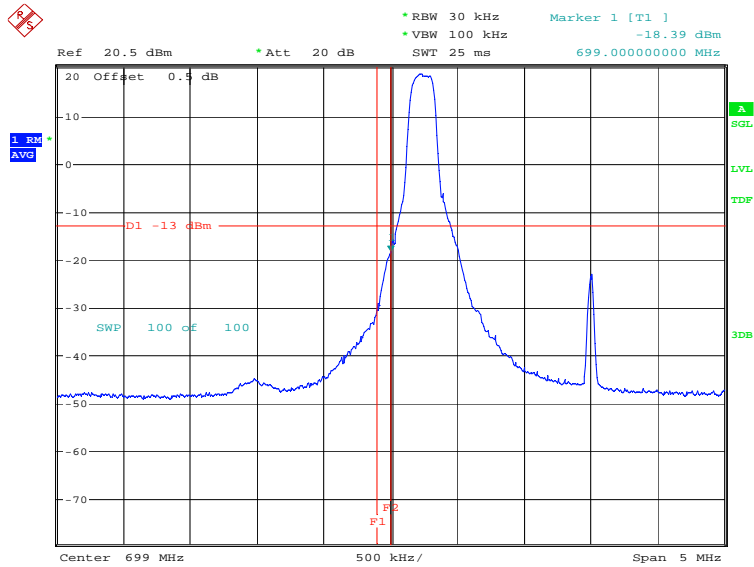
Date: 6.AUG.2021 08:36:35

LTE band 12
OBW: 1RB-low_offset



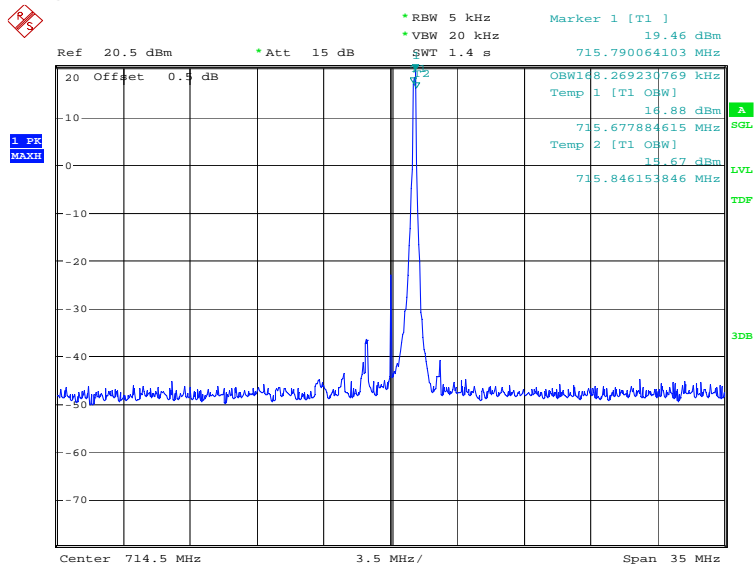
Date: 19.AUG.2021 16:29:30

LOW BAND EDGE BLOCK-1RB-low_offset



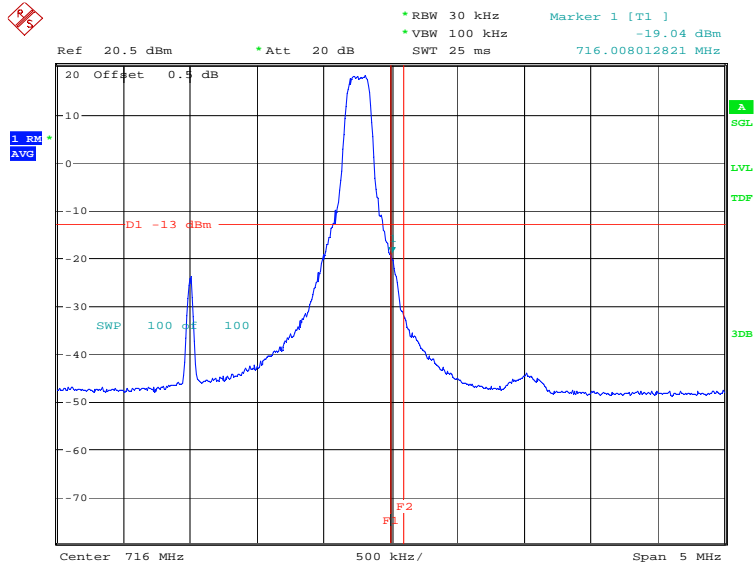
Date: 19.AUG.2021 16:30:43

OBW: 1RB-high_offset



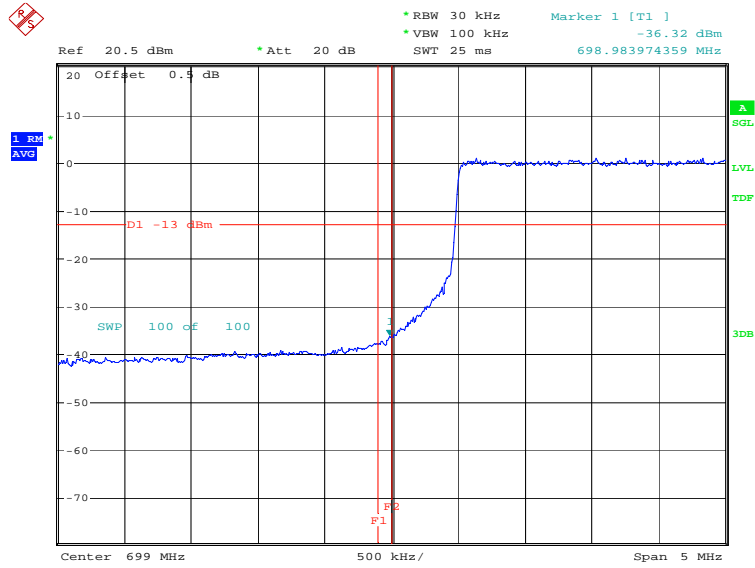
Date: 19.AUG.2021 16:31:19

HIGH BAND EDGE BLOCK-1RB-high_offset



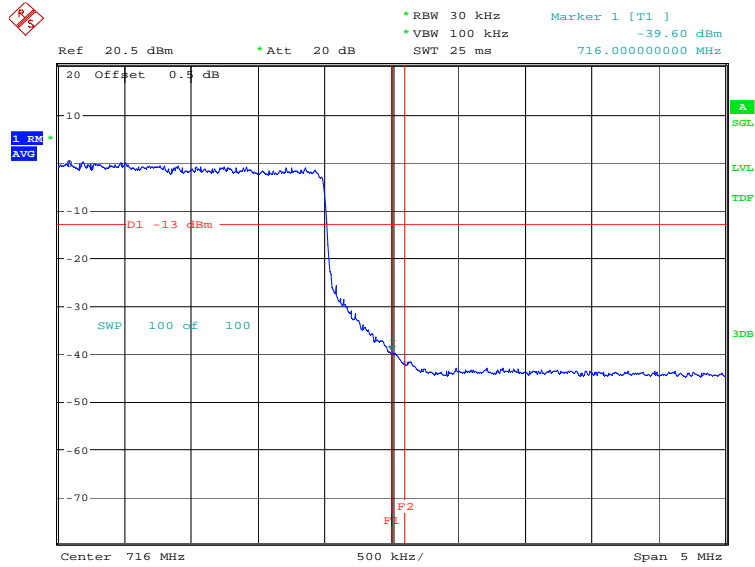
Date: 19.AUG.2021 16:31:37

LOW BAND EDGE BLOCK-10MHz-100%RB



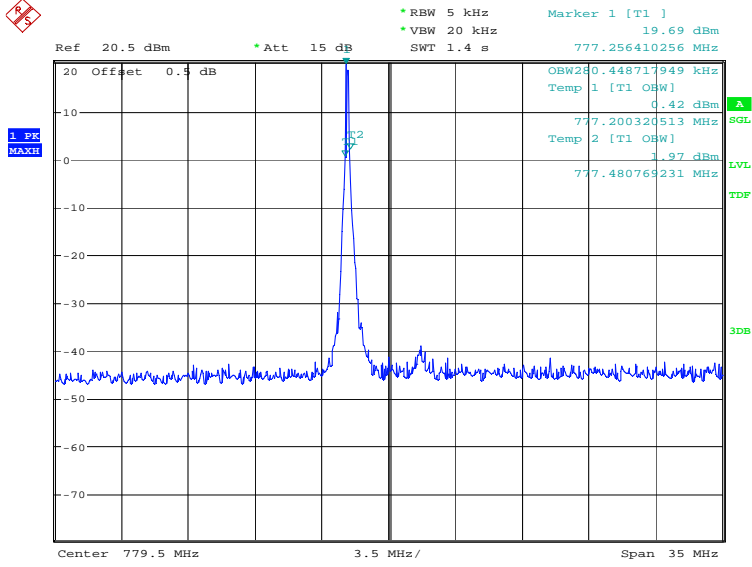
Date: 5.AUG.2021 16:38:54

HIGH BAND EDGE BLOCK-10MHz-100%RB



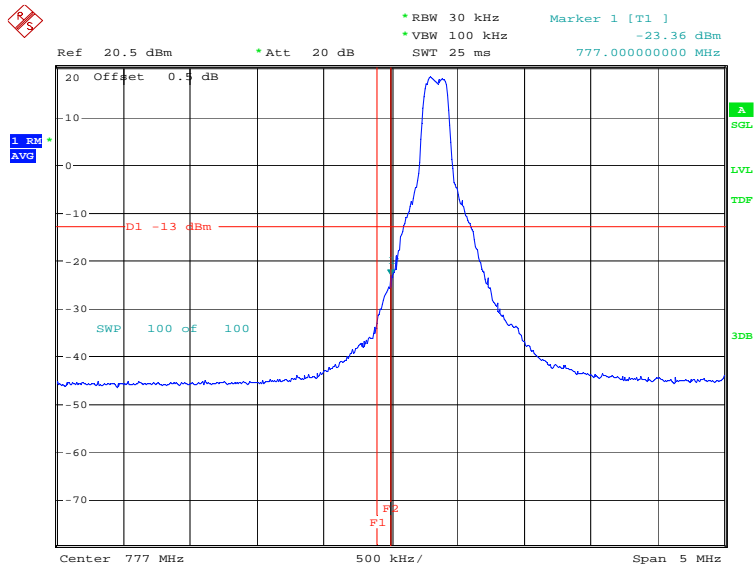
Date: 5.AUG.2021 16:40:23

LTE band 13
OBW: 1RB-low_offset

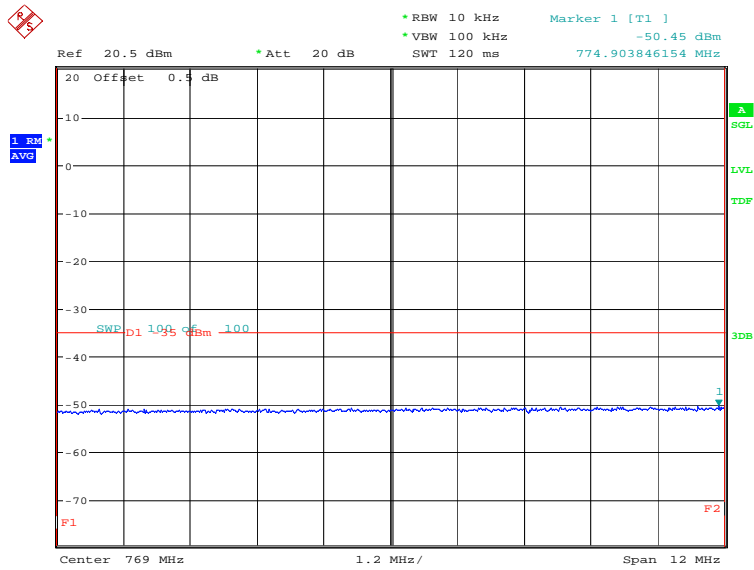


Date: 19.AUG.2021 16:33:08

LOW BAND EDGE BLOCK-1RB-low_offset



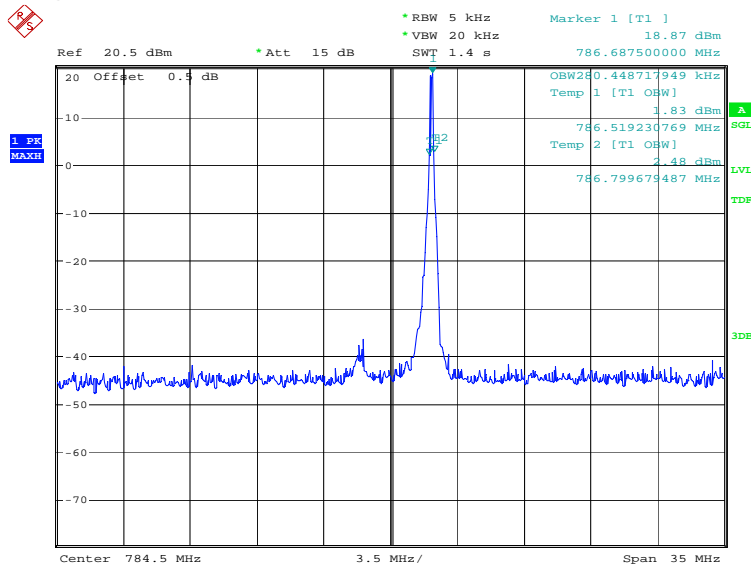
Date: 19.AUG.2021 16:33:27



Date: 19.AUG.2021 16:36:07

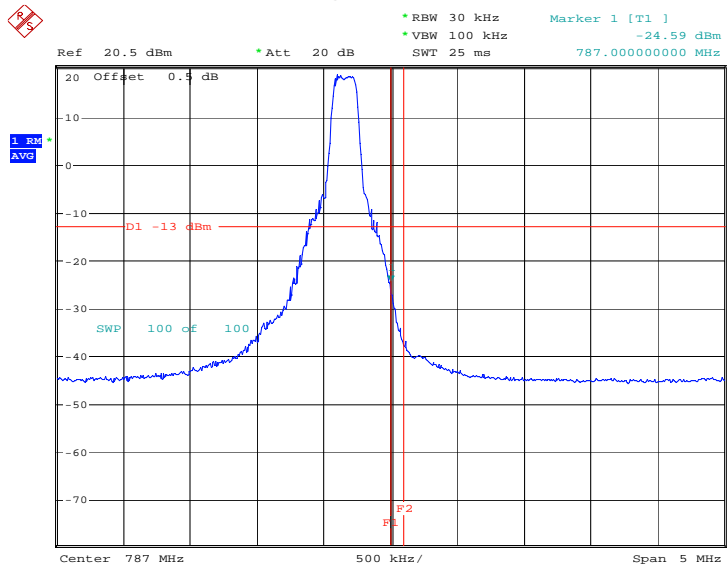


OBW: 1RB-high_offset

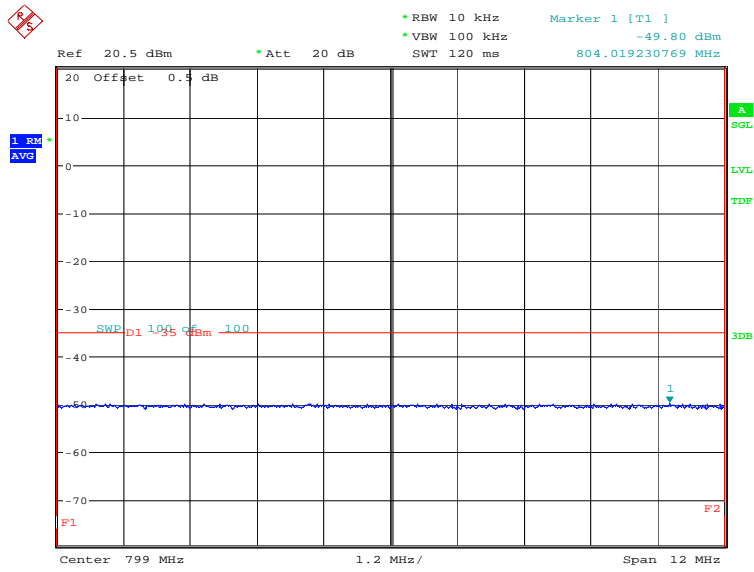


Date: 19.AUG.2021 16:40:25

HIGH BAND EDGE BLOCK-1RB-high_offset

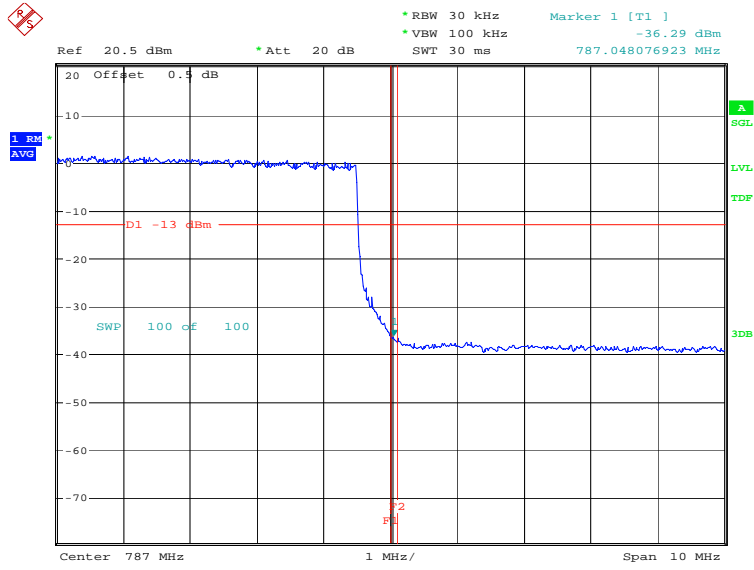


Date: 19.AUG.2021 16:40:44

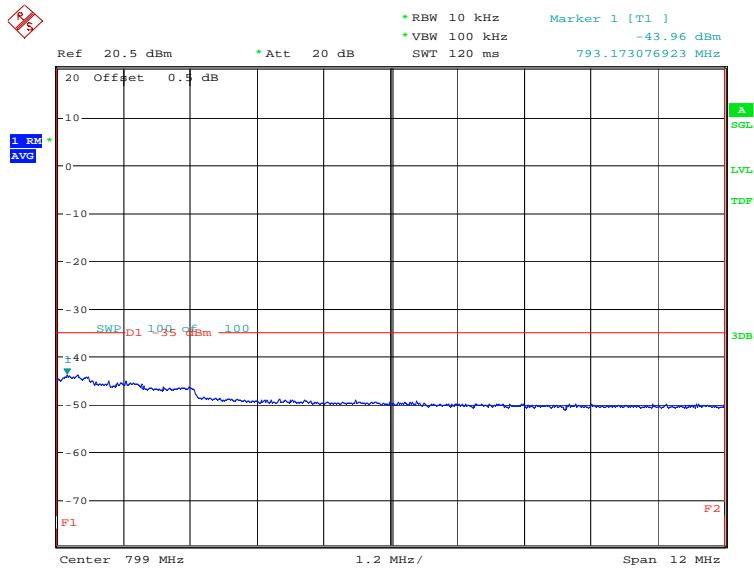


Date: 19.AUG.2021 16:42:02

HIGH BAND EDGE BLOCK-10MHz-100%RB

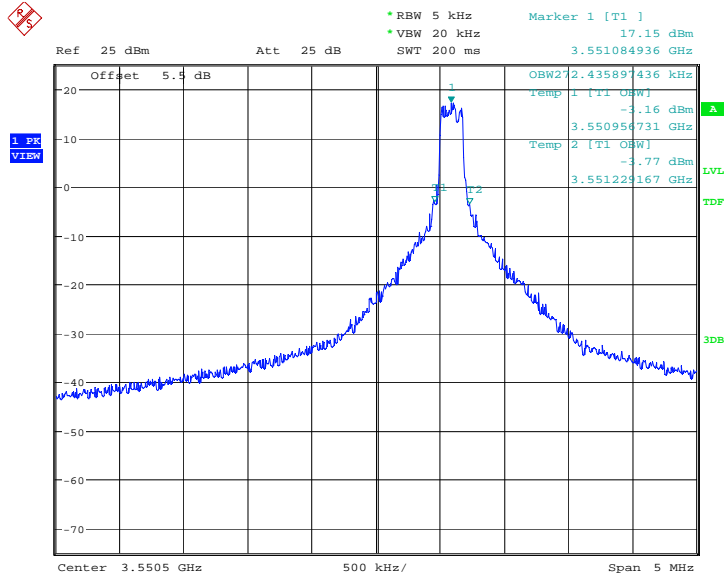


Date: 19.AUG.2021 16:42:49



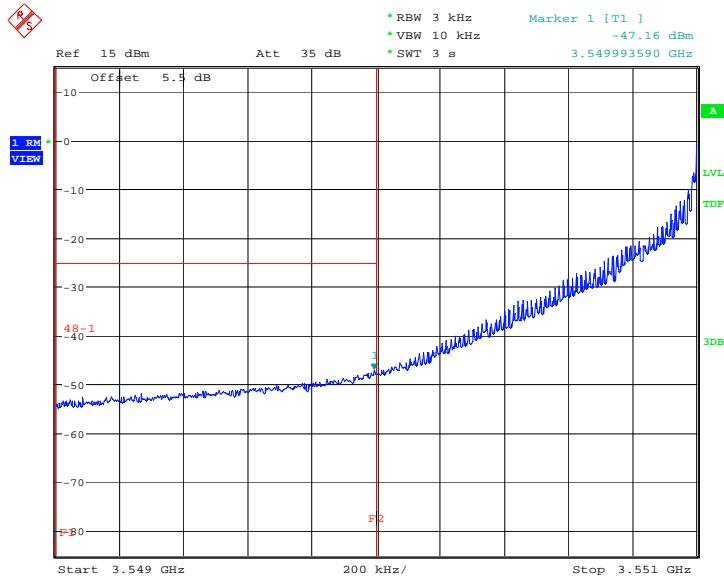
Date: 19.AUG.2021 16:44:55

LTE band 48
OBW: 1RB-low_offset

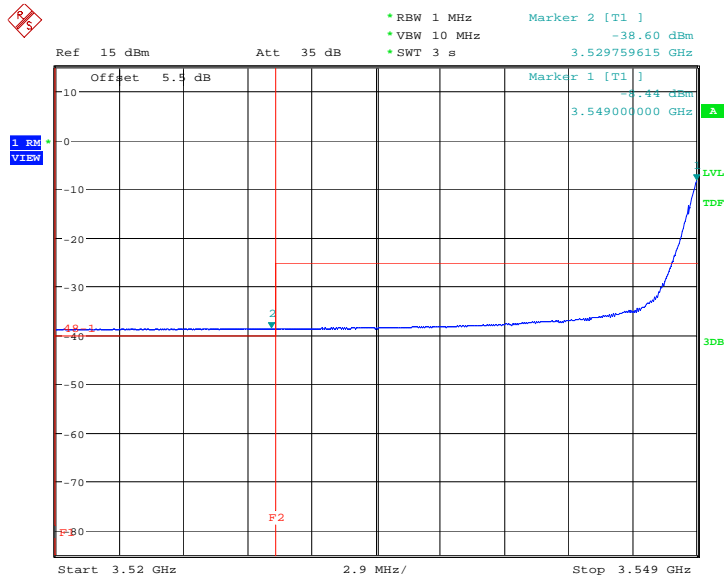


Date: 23.AUG.2021 10:45:44

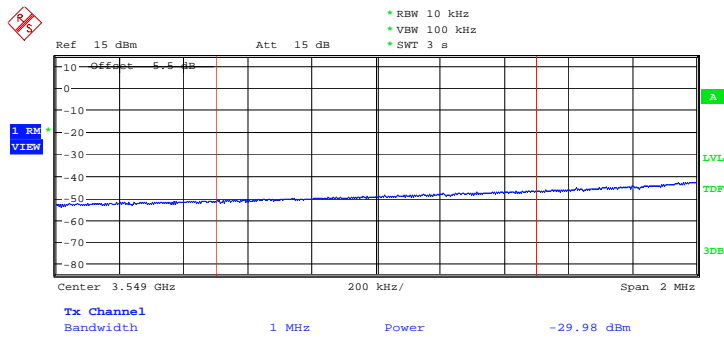
LOW BAND EDGE BLOCK-1RB-low_offset



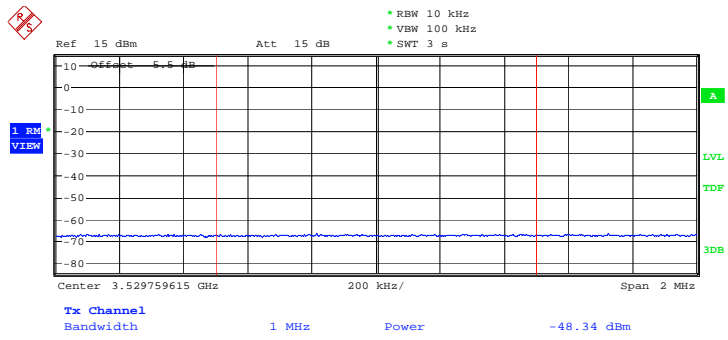
Date: 23.AUG.2021 10:46:17



Date: 23.AUG.2021 10:46:34

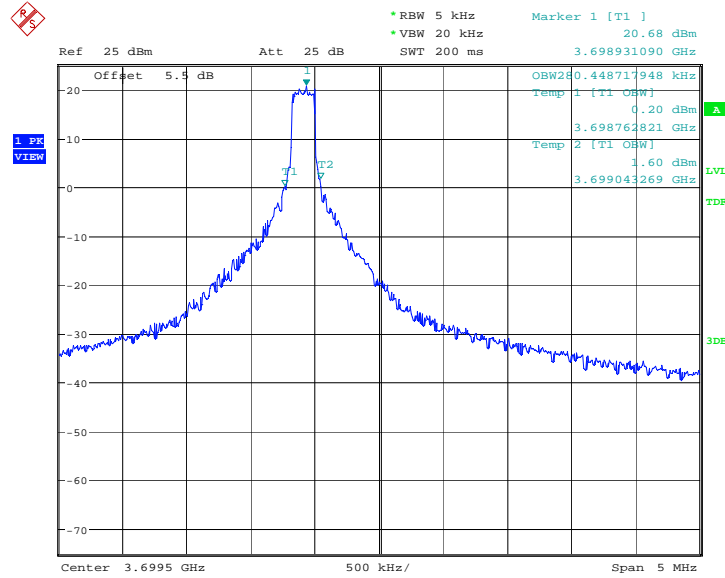


Date: 23.AUG.2021 10:47:06



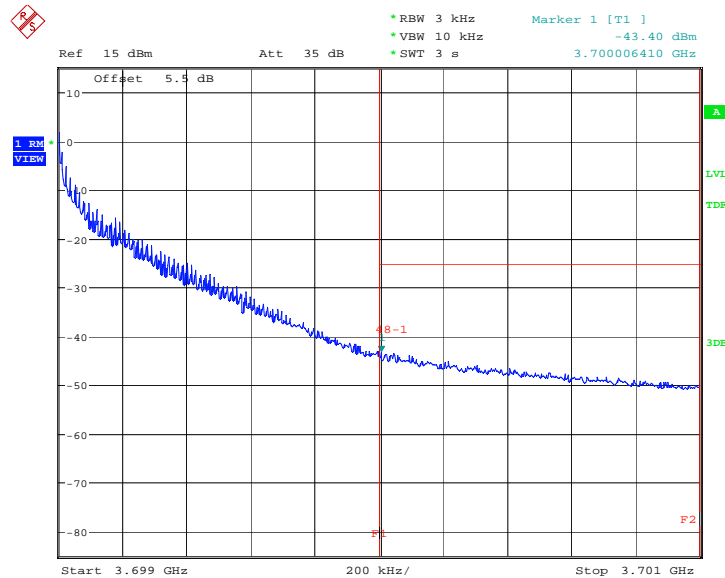
Date: 23.AUG.2021 10:47:38

OBW: 1RB-high_offset

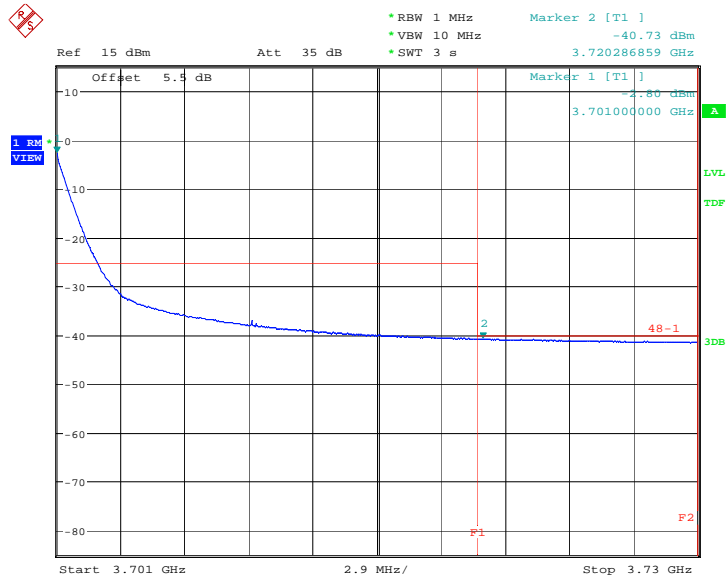


Date: 19.AUG.2021 13:27:22

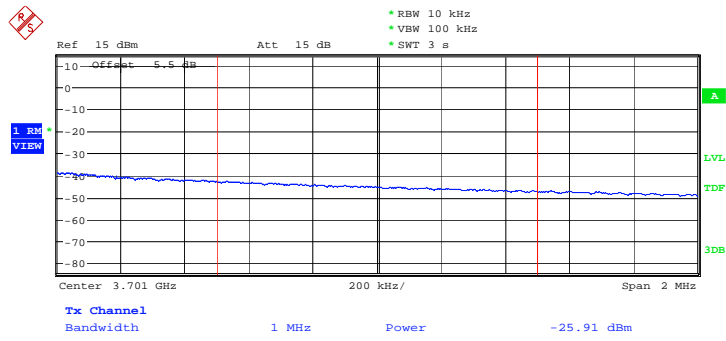
HIGH BAND EDGE BLOCK-1RB-high_offset



Date: 19.AUG.2021 13:27:55

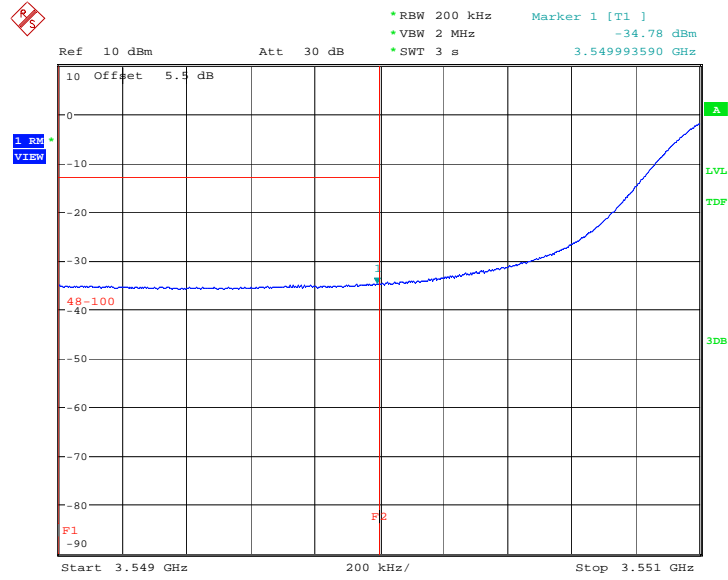


Date: 19.AUG.2021 13:28:27

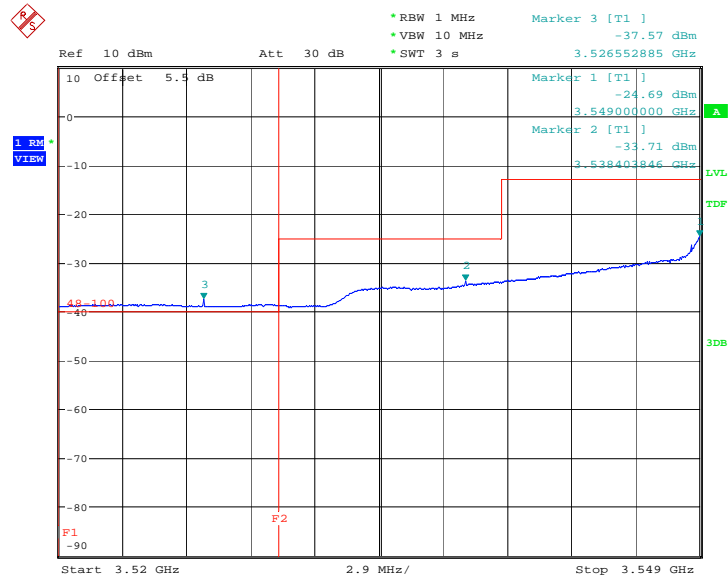


Date: 19.AUG.2021 13:28:59

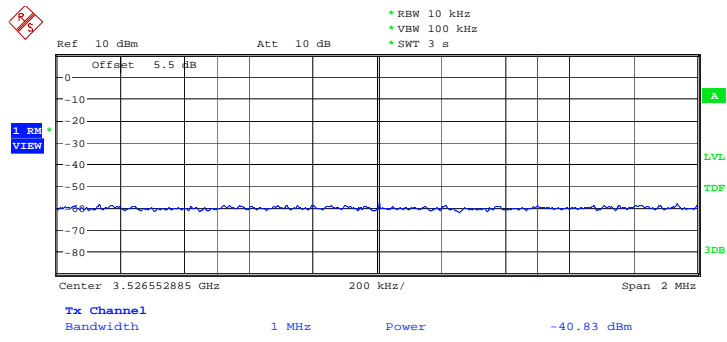
LOW BAND EDGE BLOCK-20MHz-100%RB



Date: 23.AUG.2021 10:44:17

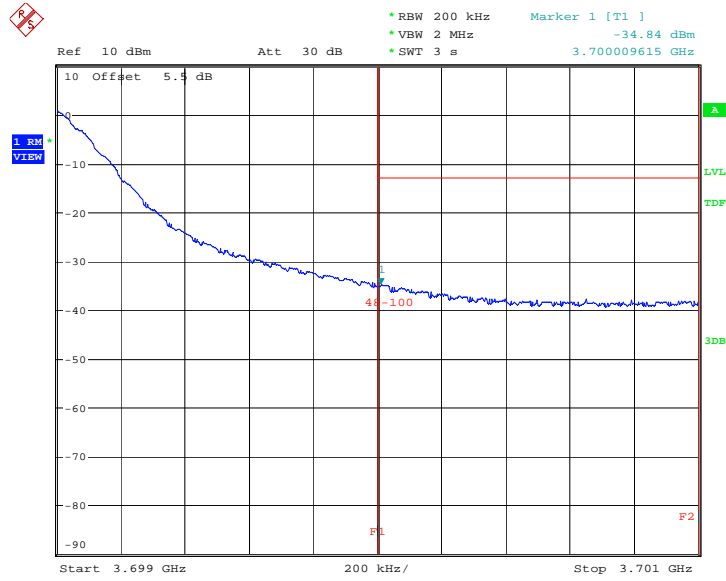


Date: 23.AUG.2021 10:44:34

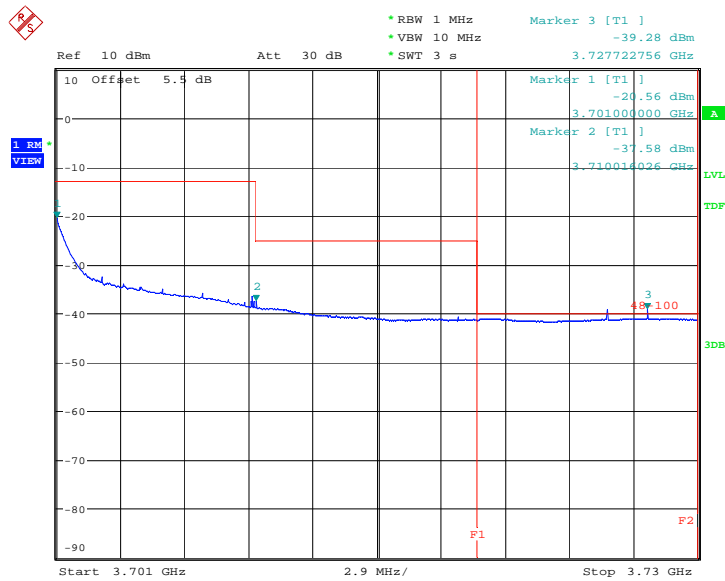


Date: 23.AUG.2021 10:45:06

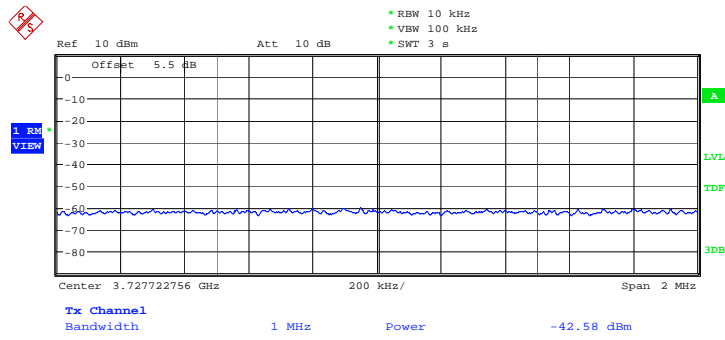
HIGH BAND EDGE BLOCK-20MHz-100%RB



Date: 19.AUG.2021 13:15:50

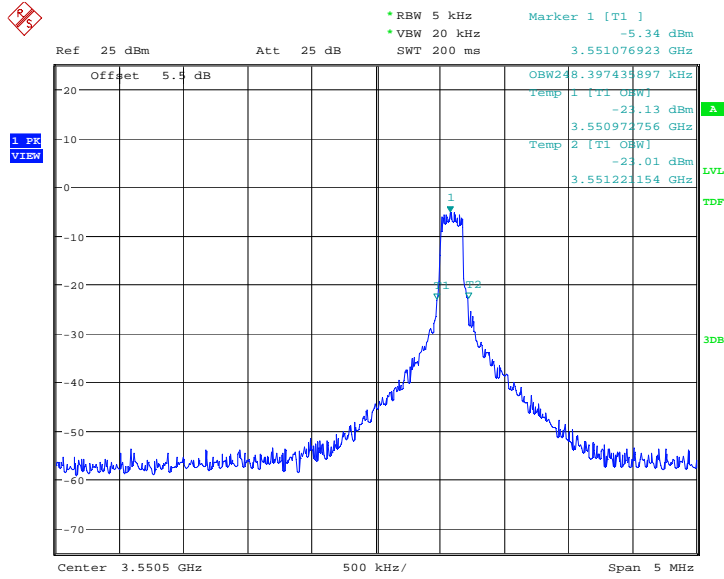


Date: 19.AUG.2021 13:16:22



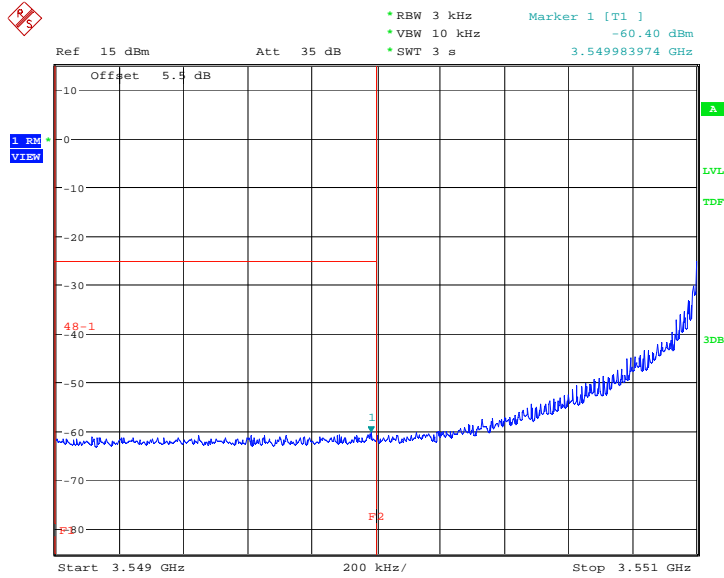
Date: 19.AUG.2021 13:16:53

LTE band 48 CA
OBW: 1RB-low_offset

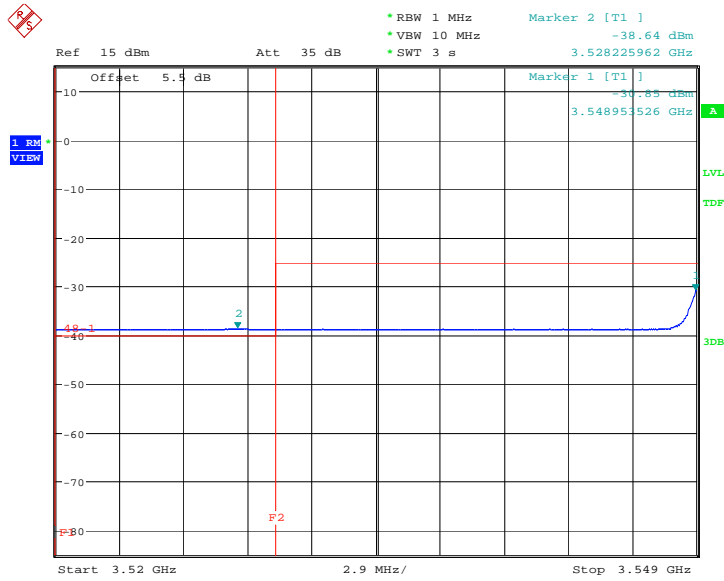


Date: 27.AUG.2021 09:48:20

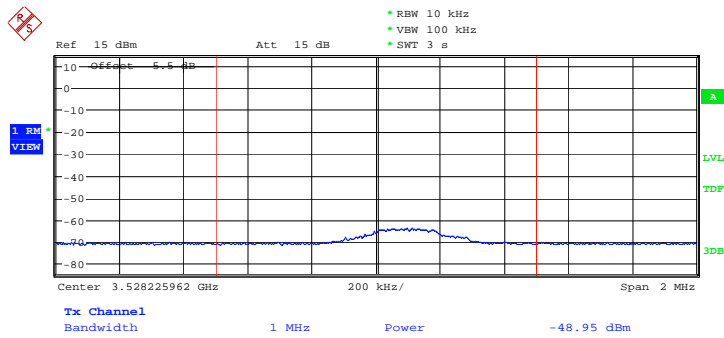
LOW BAND EDGE BLOCK-1RB-low_offset



Date: 27.AUG.2021 09:48:52

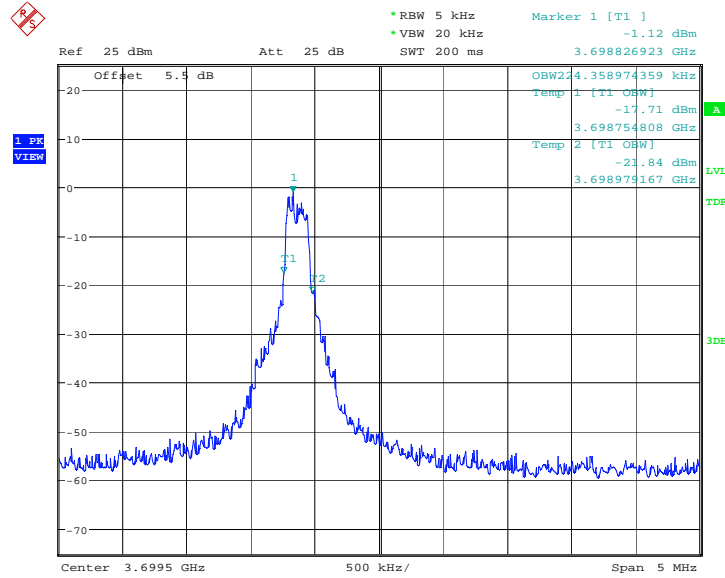


Date: 27.AUG.2021 09:49:09



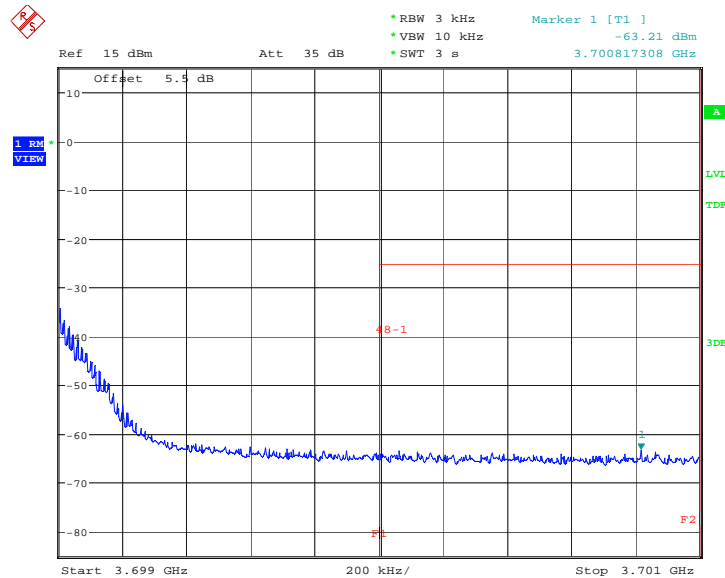
Date: 27.AUG.2021 09:49:42

OBW: 1RB-high_offset

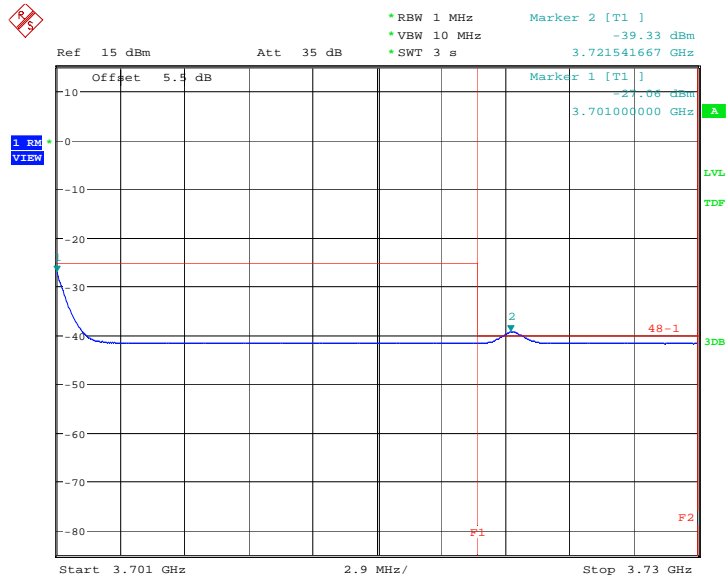


Date: 27.AUG.2021 10:02:28

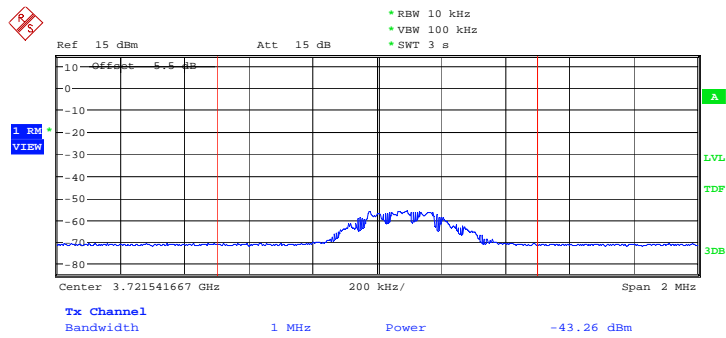
HIGH BAND EDGE BLOCK-1RB-high_offset



Date: 27.AUG.2021 10:03:00

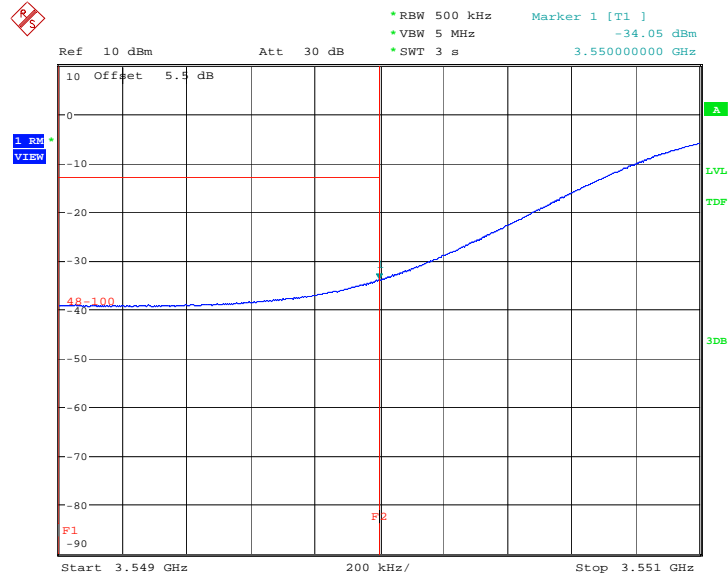


Date: 27.AUG.2021 10:03:32

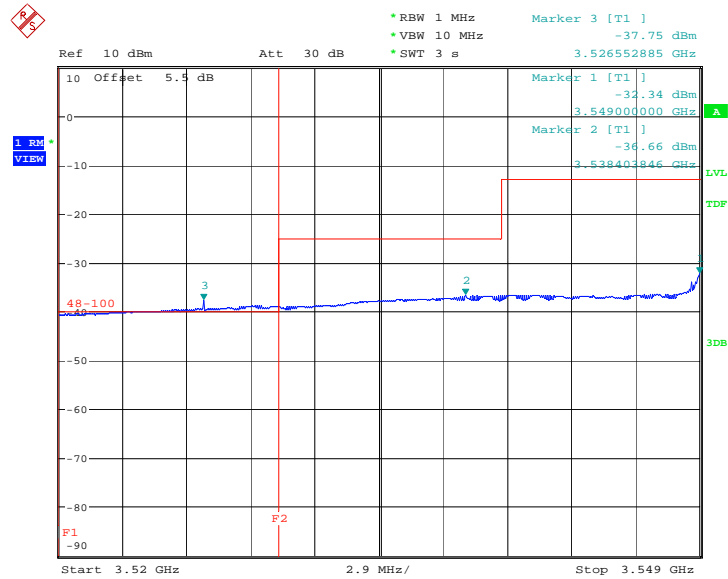


Date: 27.AUG.2021 10:04:05

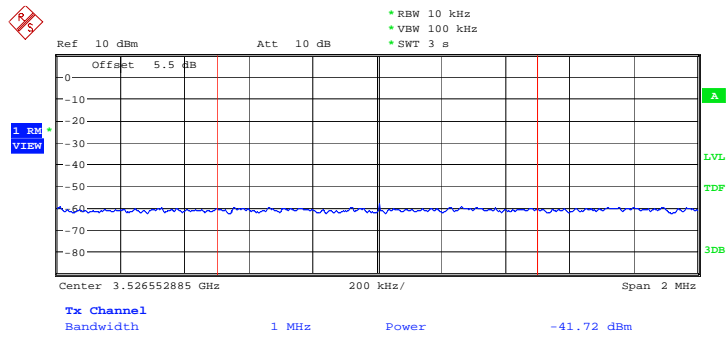
LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



Date: 27.AUG.2021 09:30:57

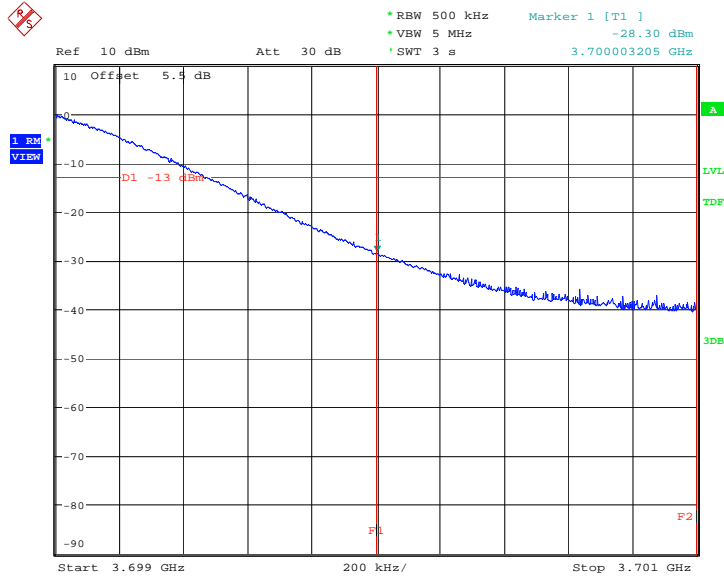


Date: 27.AUG.2021 09:31:14

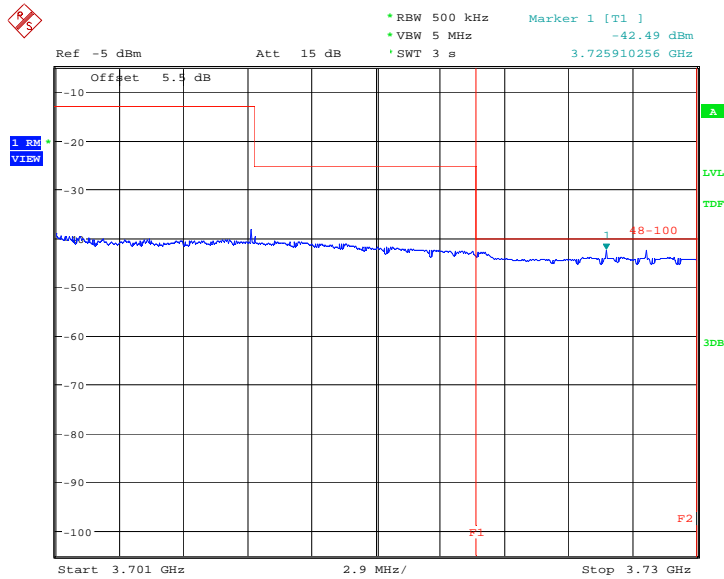


Date: 27.AUG.2021 09:31:47

HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

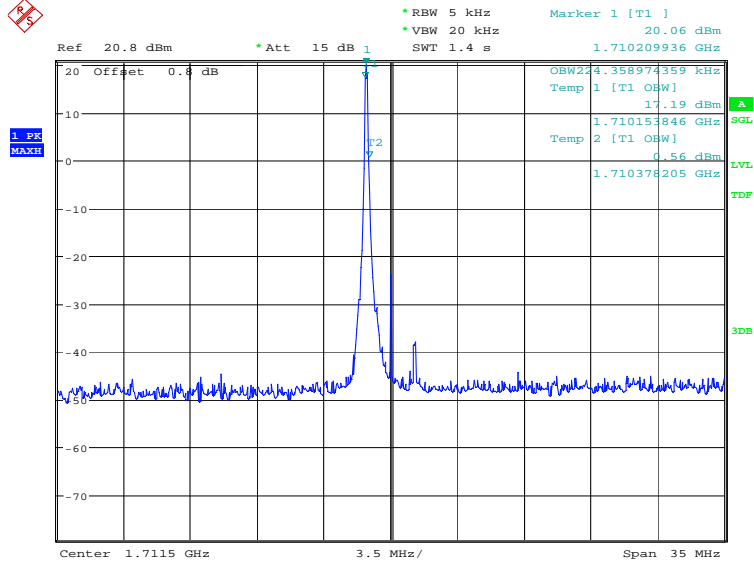


Date: 18.AUG.2021 11:08:39



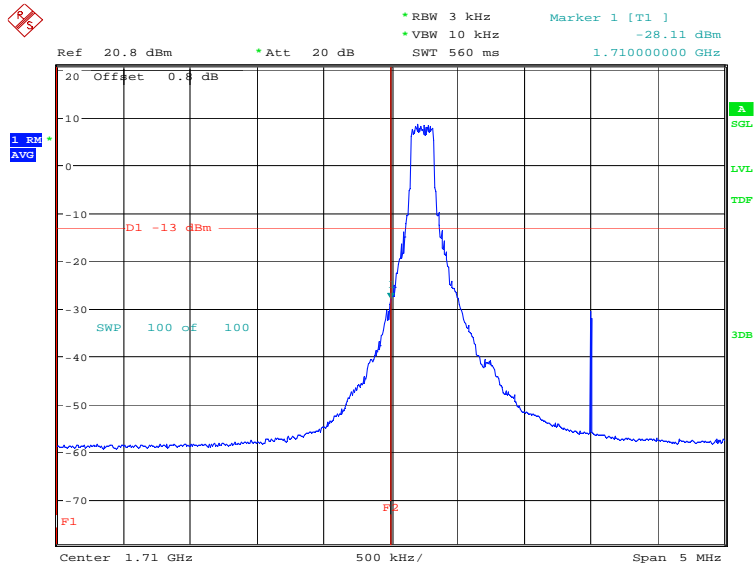
Date: 18.AUG.2021 11:11:06

LTE band 66-ANT2
OBW: 1RB-low_offset



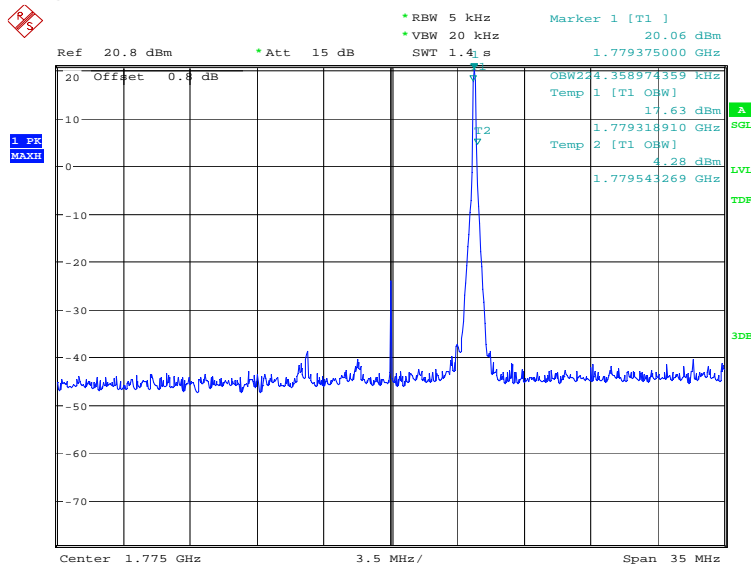
Date: 19.AUG.2021 17:04:38

LOW BAND EDGE BLOCK-1RB-low_offset



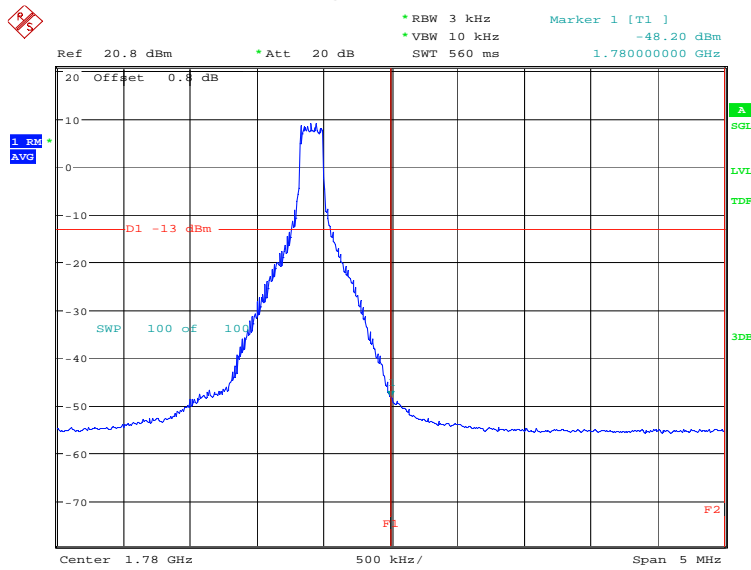
Date: 19.AUG.2021 17:05:51

OBW: 1RB-high_offset



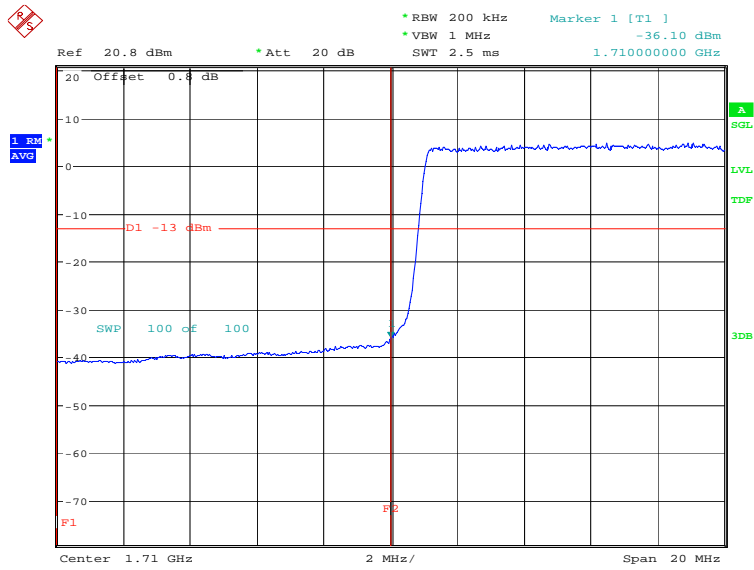
Date: 19.AUG.2021 17:06:40

HIGH BAND EDGE BLOCK-1RB-high_offset



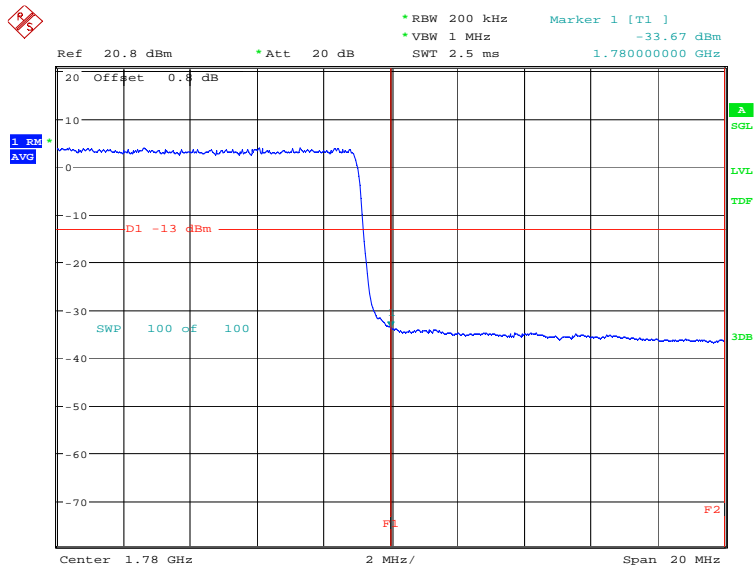
Date: 19.AUG.2021 17:07:54

LOW BAND EDGE BLOCK-20MHz-100%RB



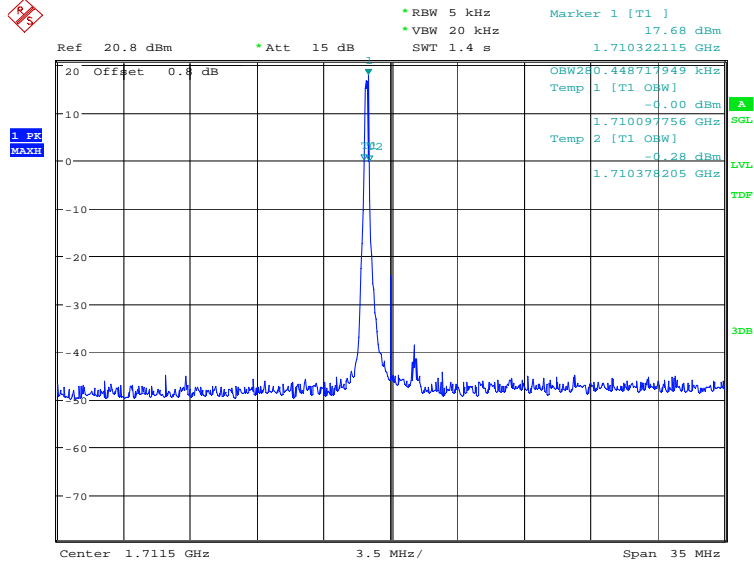
Date: 6.AUG.2021 07:57:00

HIGH BAND EDGE BLOCK-20MHz-100%RB



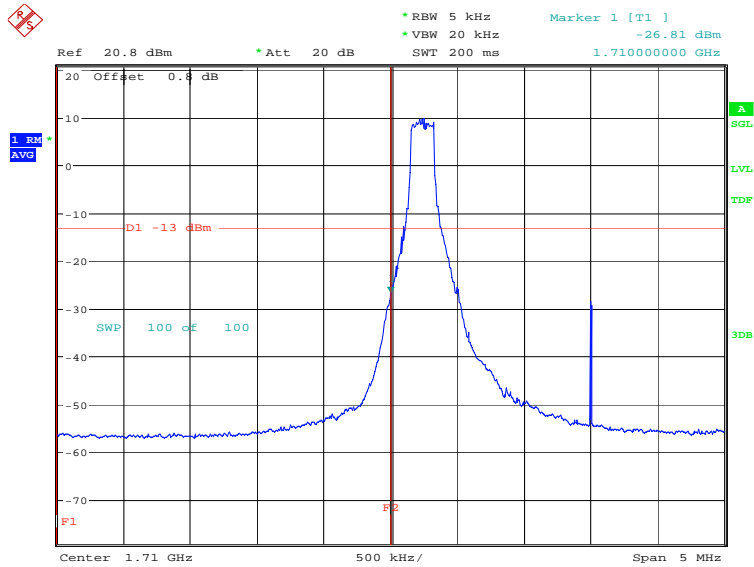
Date: 6.AUG.2021 07:58:30

LTE band 66-ANT3
OBW: 1RB-low_offset



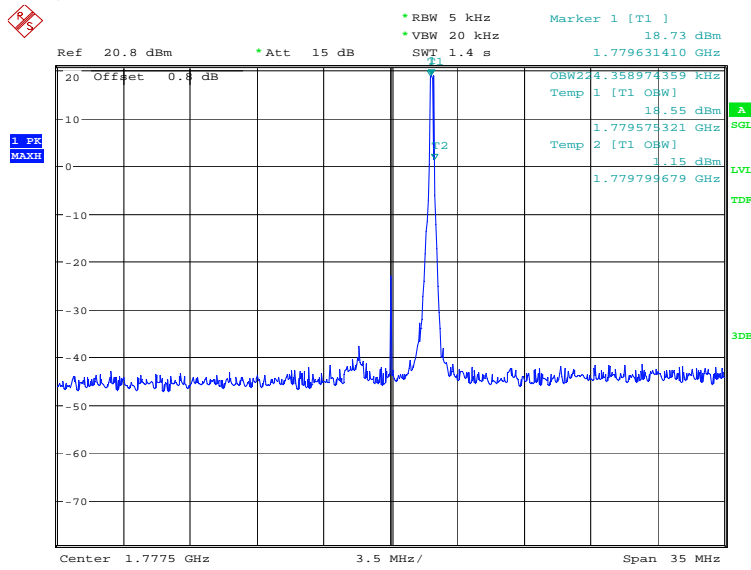
Date: 17.SEP.2021 16:04:00

LOW BAND EDGE BLOCK-1RB-low_offset



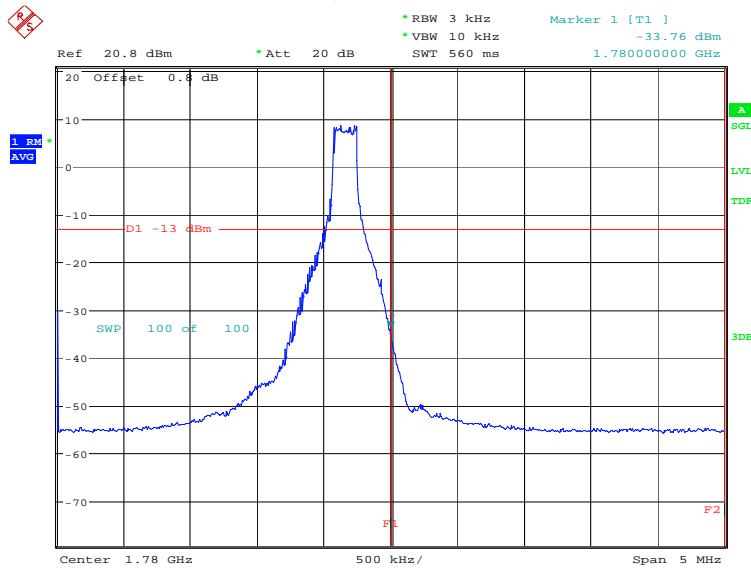
Date: 17.SEP.2021 16:05:14

OBW: 1RB-high_offset



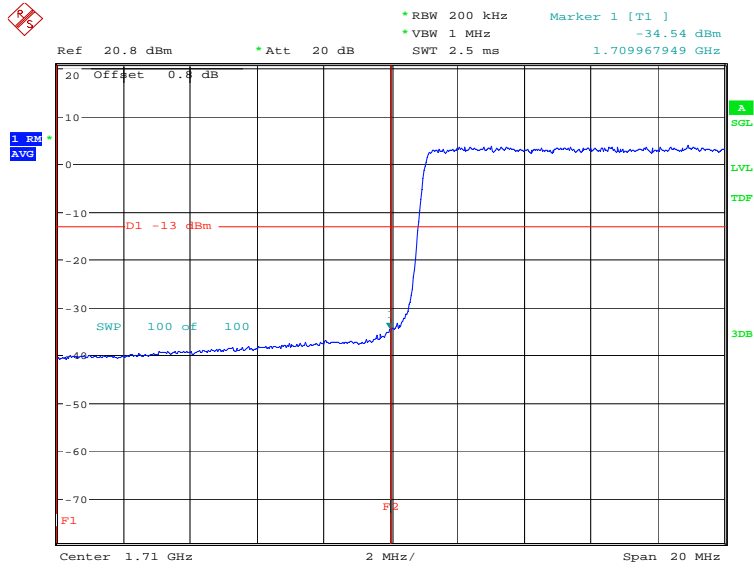
Date: 17.SEP.2021 16:05:53

HIGH BAND EDGE BLOCK-1RB-high_offset



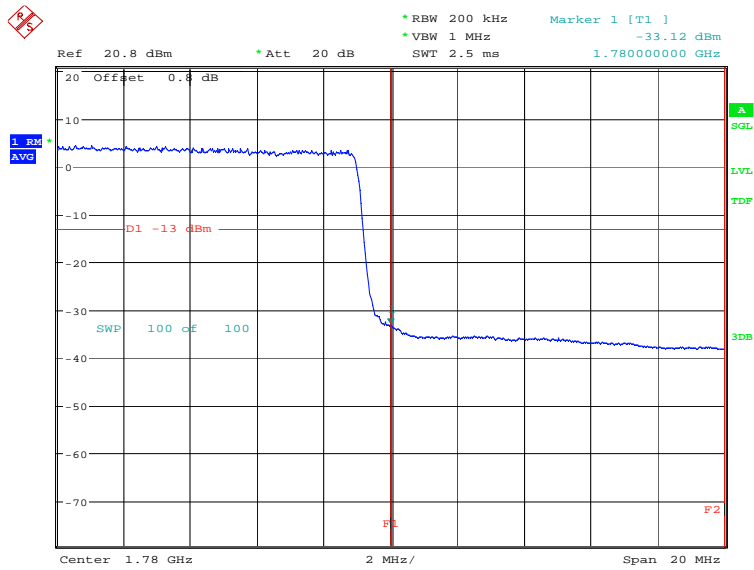
Date: 17.SEP.2021 16:07:06

LOW BAND EDGE BLOCK-20MHz-100%RB



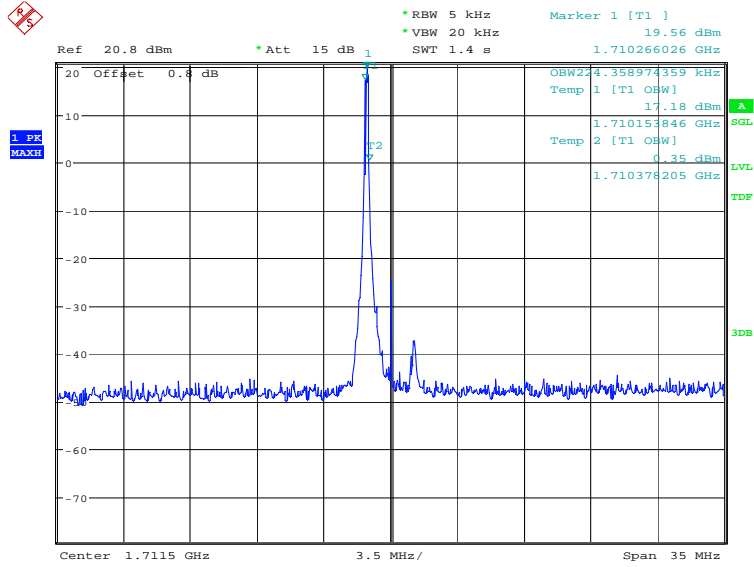
Date: 17.SEP.2021 09:09:27

HIGH BAND EDGE BLOCK-20MHz-100%RB



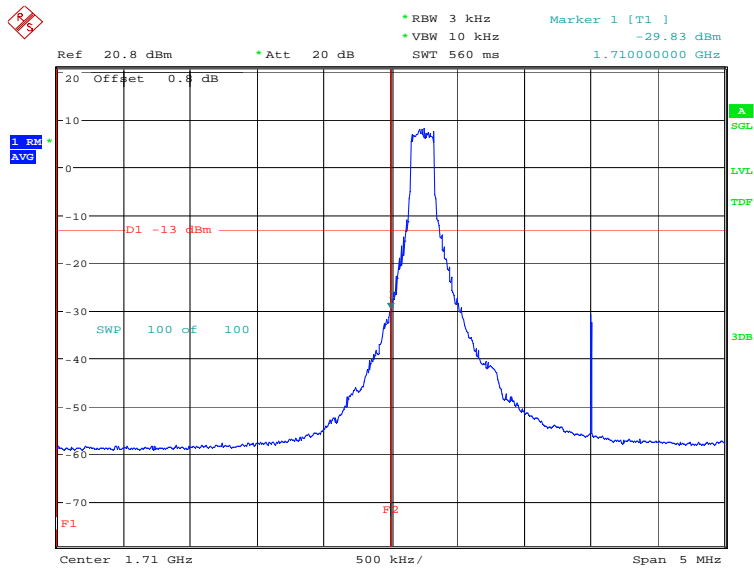
Date: 17.SEP.2021 09:10:57

LTE band 4-ANT2
OBW: 1RB-low_offset



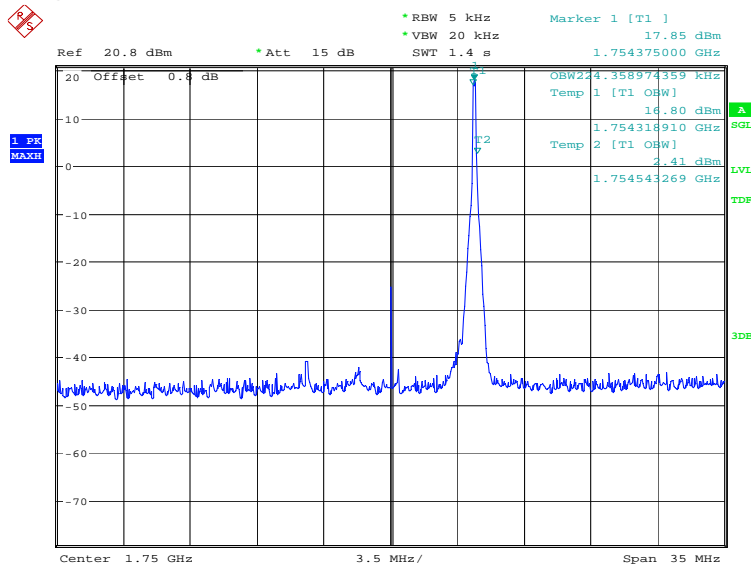
Date: 28.SEP.2021 14:59:27

LOW BAND EDGEBLOCK-1RB-low_offset



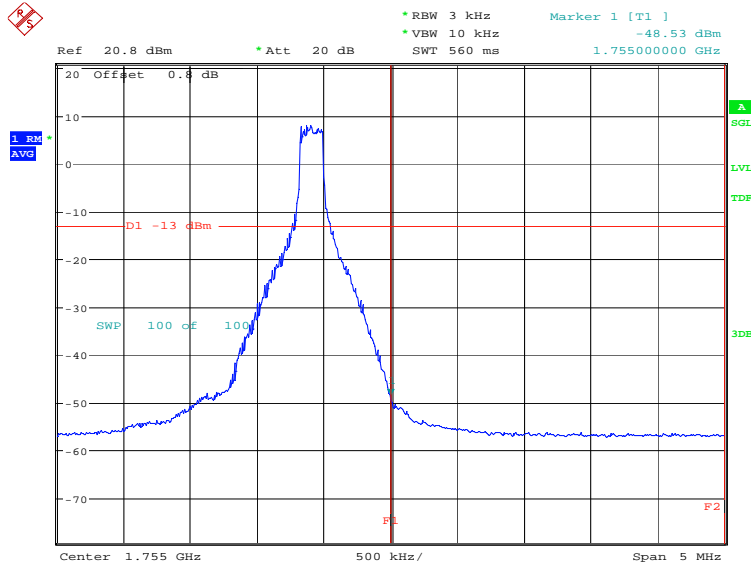
Date: 28.SEP.2021 15:00:49

OBW: 1RB-high_offset



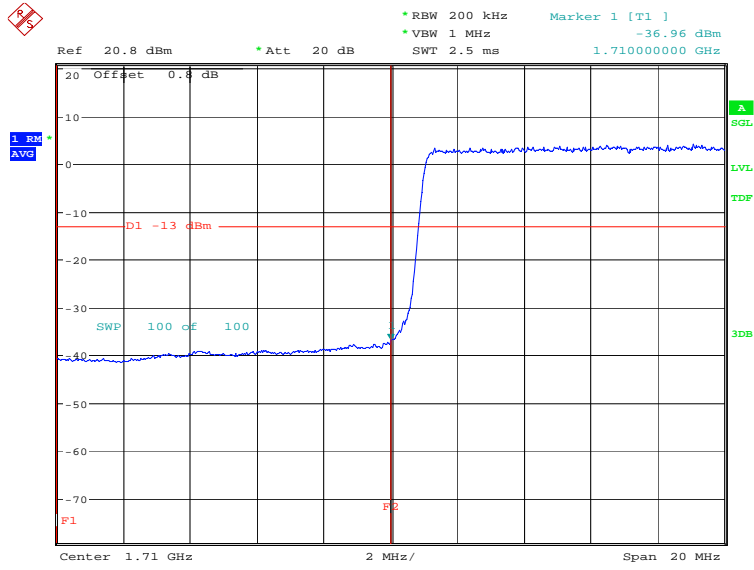
Date: 28.SEP.2021 14:54:20

HIGH BAND EDGEBLOCK-1RB-high_offset



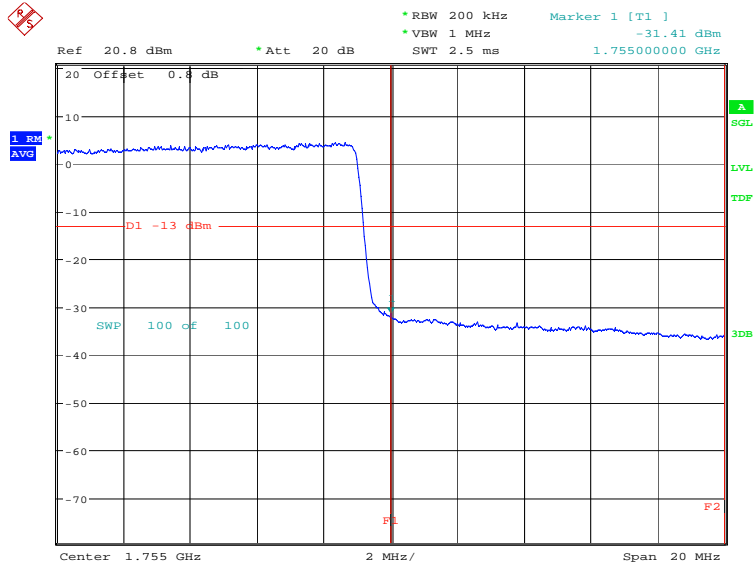
Date: 28.SEP.2021 14:56:17

LOW BAND EDGEBLOCK-20MHz-100%RB



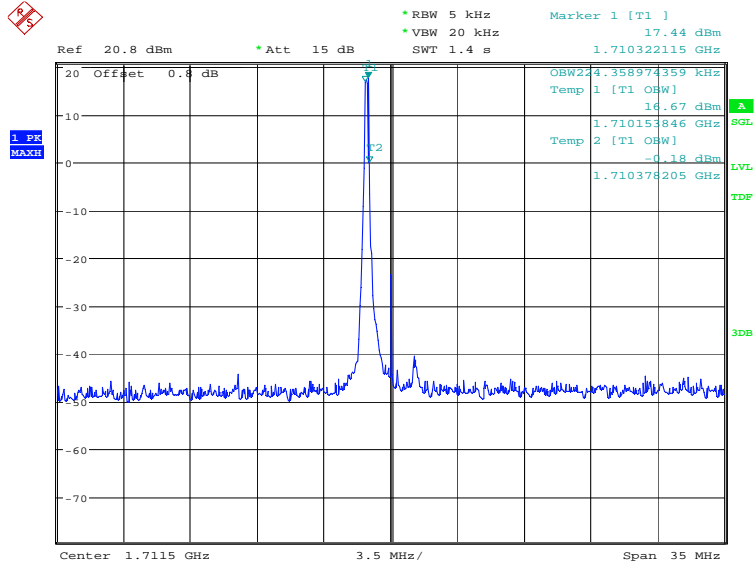
Date: 28.SEP.2021 14:52:15

HIGH BAND EDGEBLOCK-20MHz-100%RB



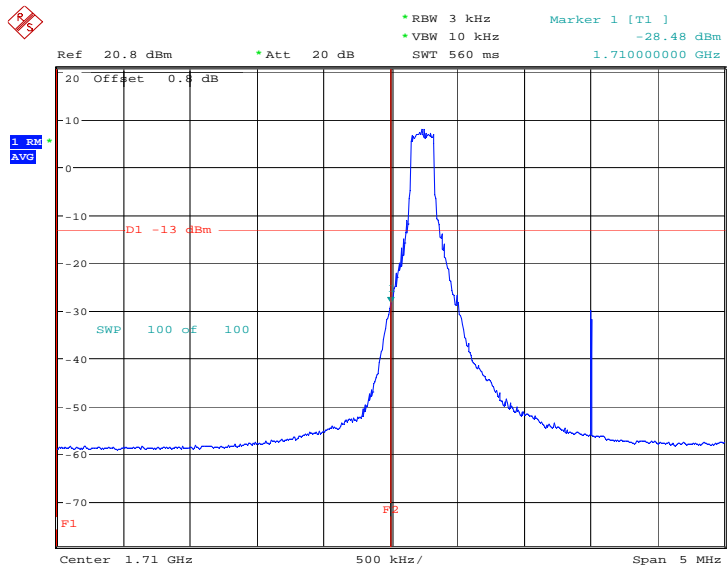
Date: 28.SEP.2021 14:56:54

LTE band 4-ANT3
OBW: 1RB-low_offset



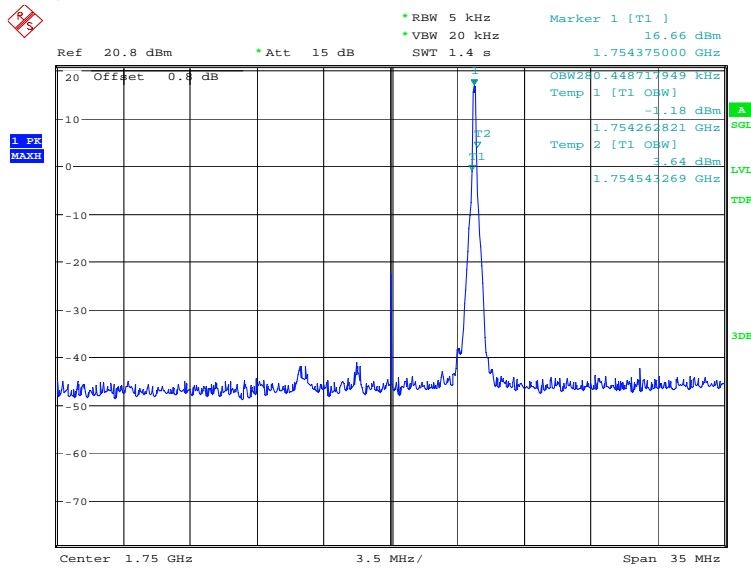
Date: 28.SEP.2021 14:33:05

LOW BAND EDGEBLOCK-1RB-low_offset



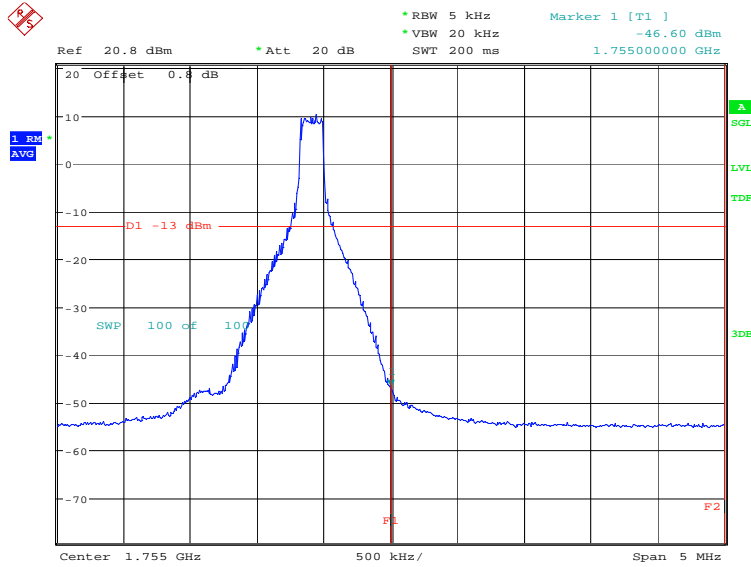
Date: 28.SEP.2021 14:35:22

OBW: 1RB-high_offset



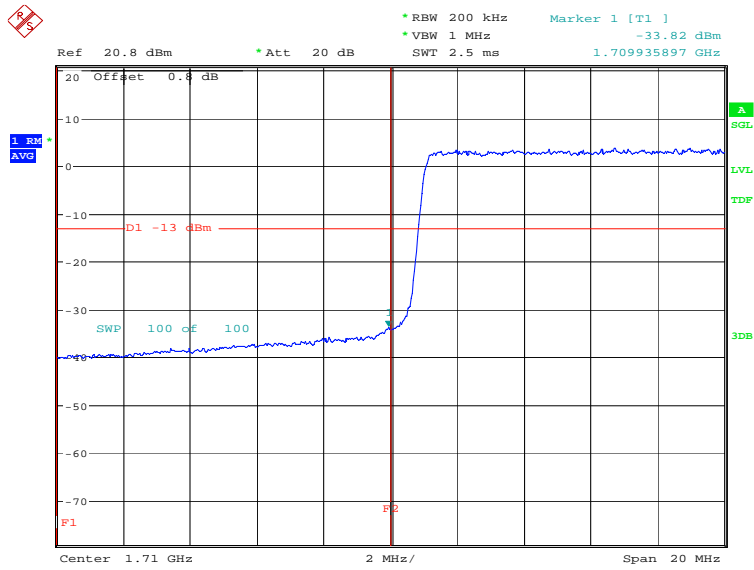
Date: 28.SEP.2021 14:39:03

HIGH BAND EDGEBLOCK-1RB-high_offset



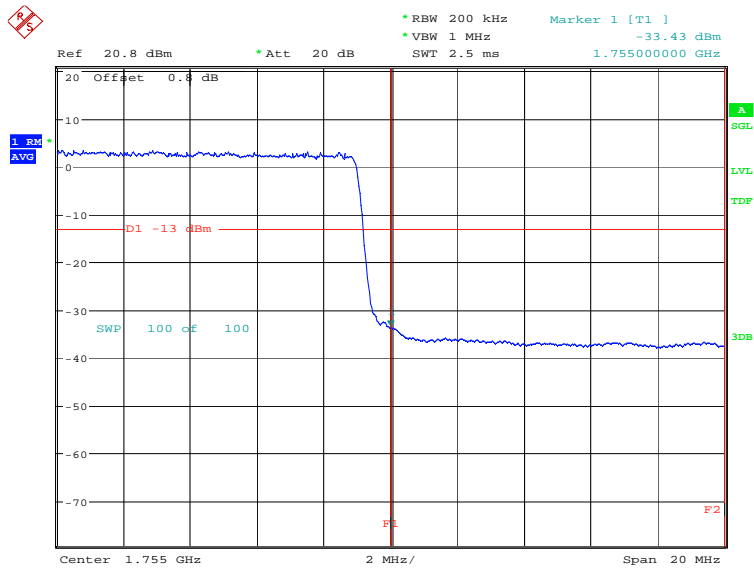
Date: 28.SEP.2021 14:40:47

LOW BAND EDGEBLOCK-20MHz-100%RB



Date: 28.SEP.2021 14:36:41

HIGH BAND EDGEBLOCK-20MHz-100%RB

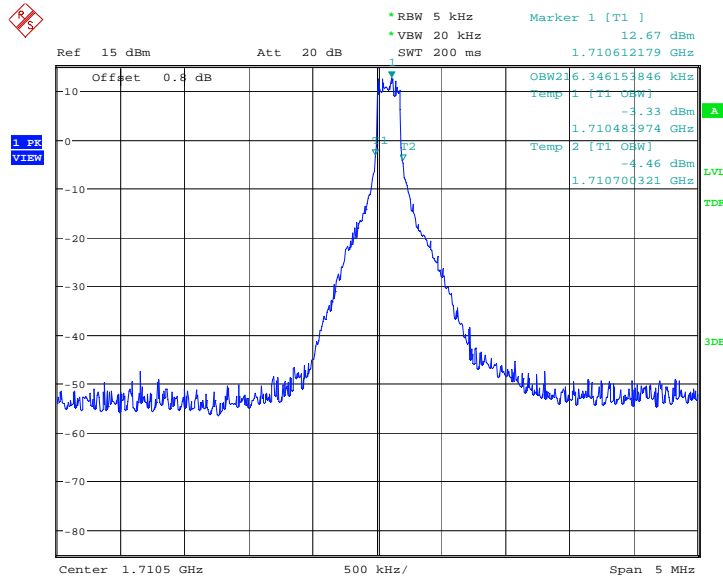


Date: 28.SEP.2021 14:43:29

LTE band 66_CA

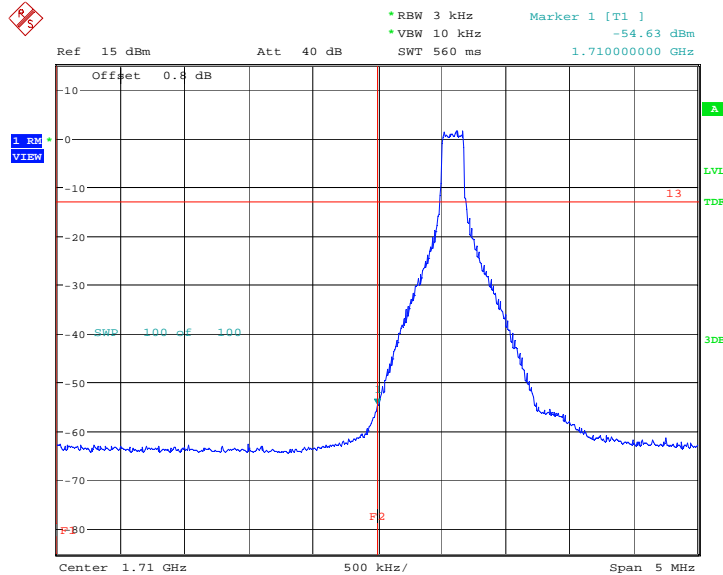
Only the worst case result is given below

OBW: 1RB-low_offset



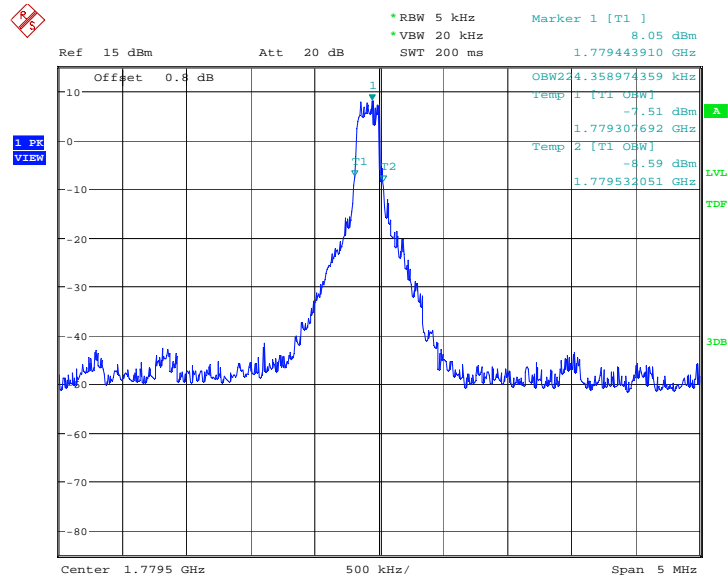
Date: 18.AUG.2021 10:07:18

LOW BAND EDGE BLOCK-1RB-low_offset



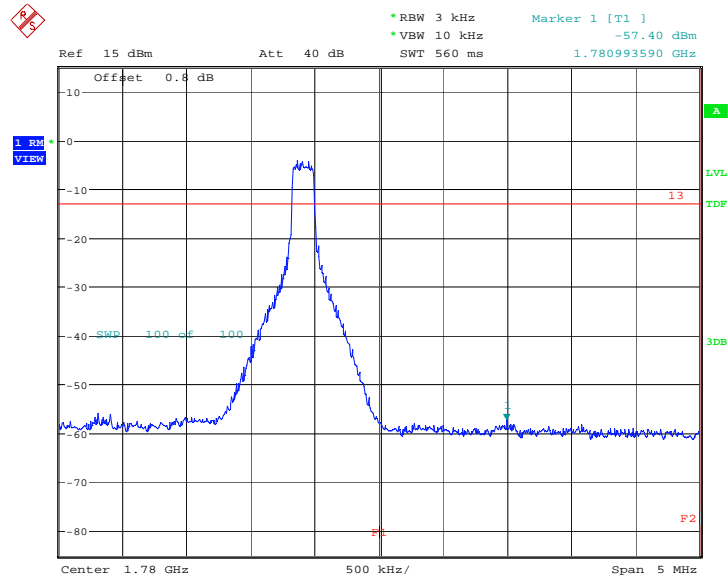
Date: 18.AUG.2021 10:08:21

OBW: 1RB-high_offset



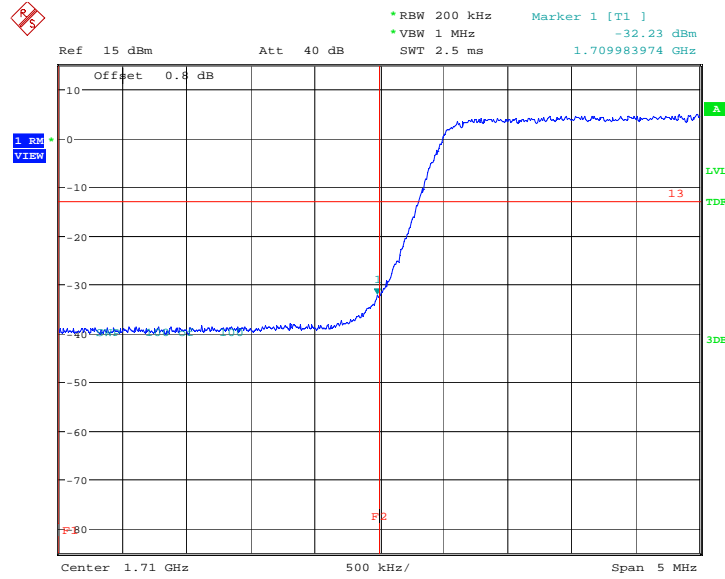
Date: 18.AUG.2021 10:10:52

HIGH BAND EDGE BLOCK-1RB-high_offset



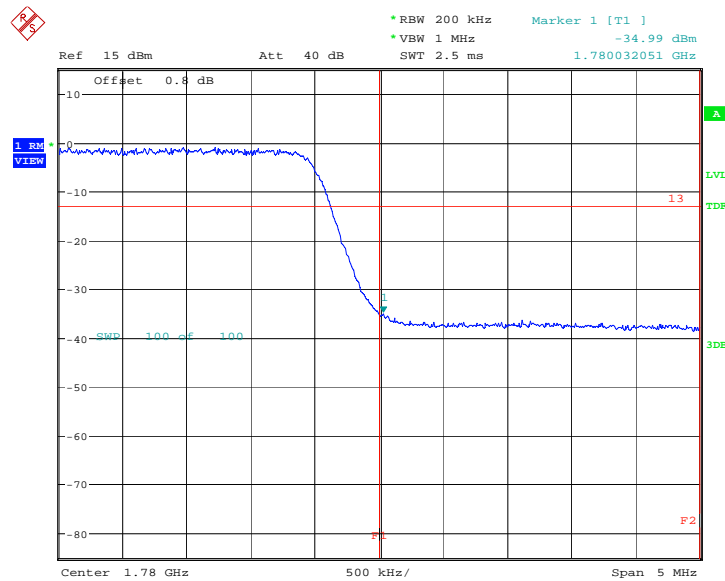
Date: 18.AUG.2021 10:11:54

LOW BAND EDGE BLOCK-15MHz+5MHz-100%RB



Date: 7.AUG.2021 17:04:54

HIGH BAND EDGE BLOCK-5MHz+15MHz-100%RB



Date: 7.AUG.2021 17:07:31

A.7 Conducted Spurious Emission

A.7.1 Measurement Method

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

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

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 than $43 + 10 \log(P)$ 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;(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.

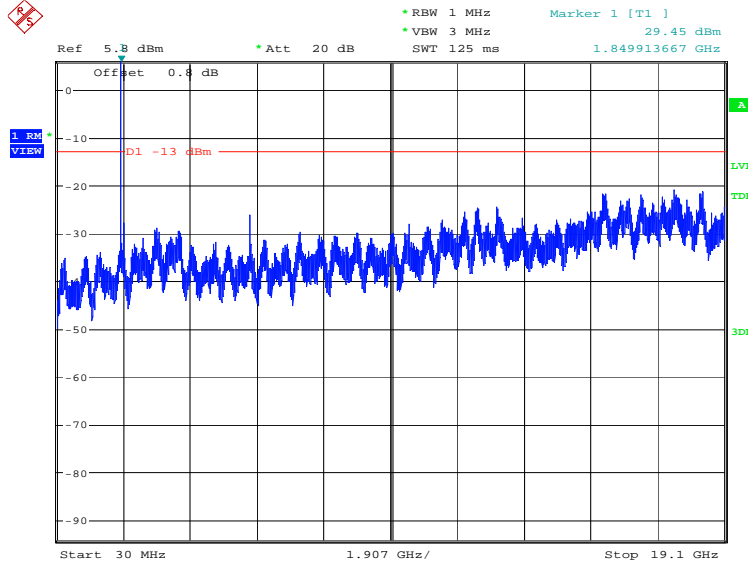
Part 96.41(e) states that the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B MHz (where B is the bandwidth in MHz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B MHz below the lower CBSD-assigned channel edge. At all frequencies greater than B MHz above the upper CBSD assigned channel edge and less than B MHz below the lower CBSD-assigned channel edge, the conducted power of any end user device emission shall not exceed -25 dBm/MHz. the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee’s authorized frequency channel, a resolution bandwidth of no less than one percent of the fundamental emission bandwidth may be employed.

A. 7.3 Measurement result

Only the worst case result is given below

LTE band 2-ANT2: 30MHz – 19.1GHz

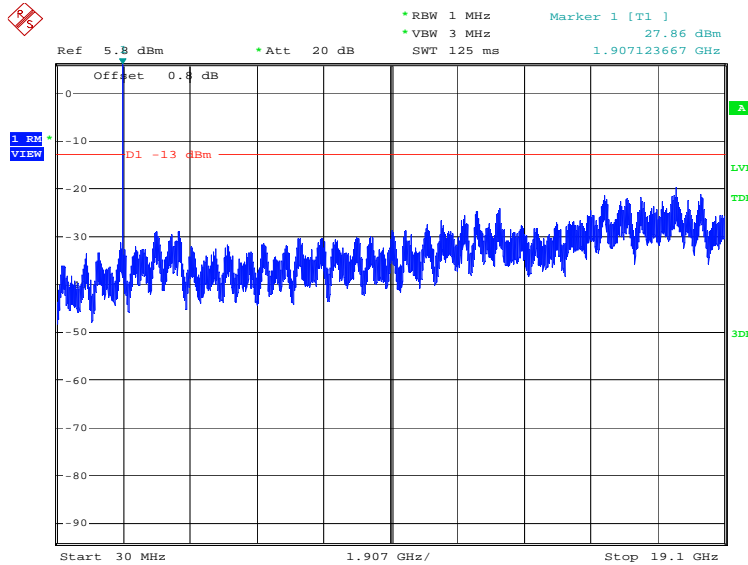
NOTE: peak above the limit line is the carrier frequency.



Date: 19.AUG.2021 17:09:10

LTE band 2-ANT3: 30MHz – 19.1GHz

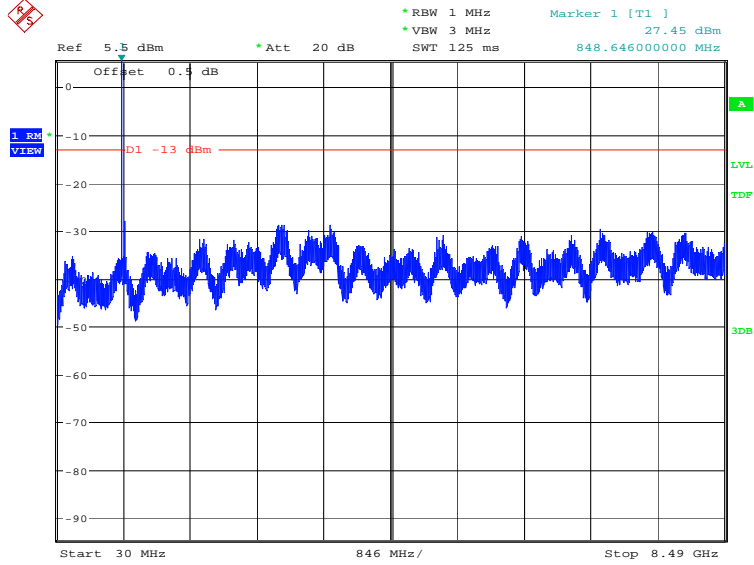
NOTE: peak above the limit line is the carrier frequency.



Date: 17.SEP.2021 16:08:21

LTE band 5: 30MHz – 8.49GHz

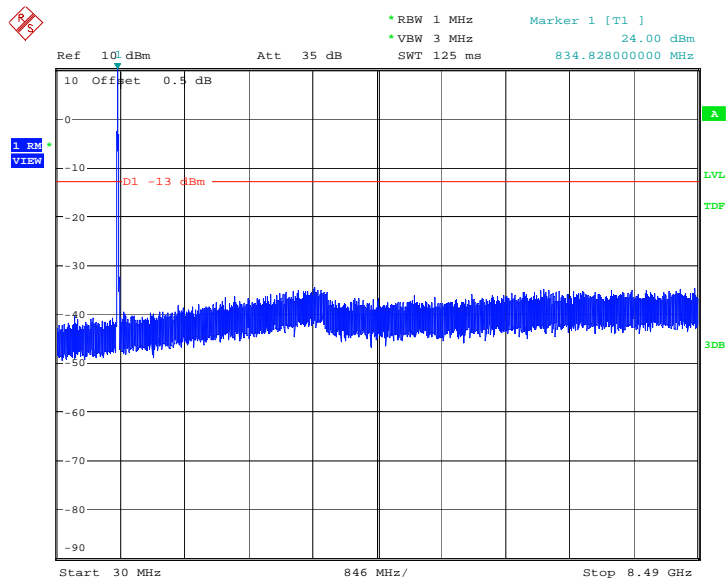
NOTE: peak above the limit line is the carrier frequency.



Date: 19.AUG.2021 16:47:08

LTE band 5_CA: 30MHz – 8.49GHz

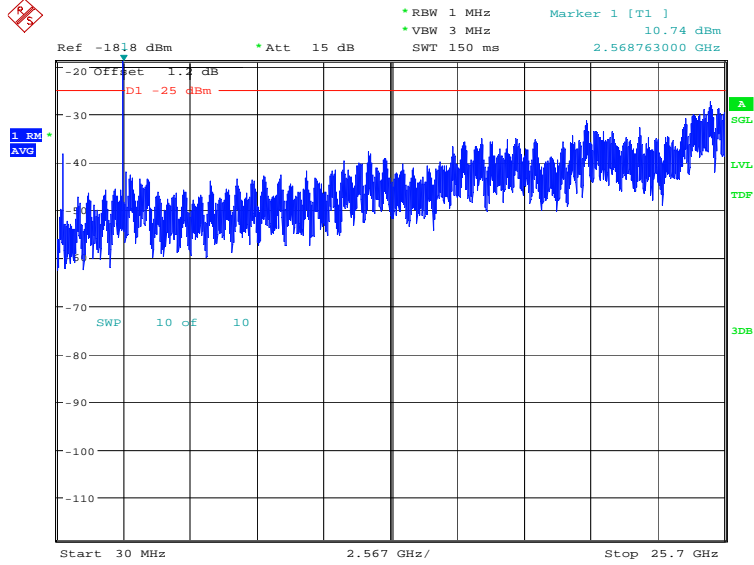
NOTE: peak above the limit line is the carrier frequency.



Date: 18.AUG.2021 09:38:09

LTE band 7: 30MHz – 25.7GHz

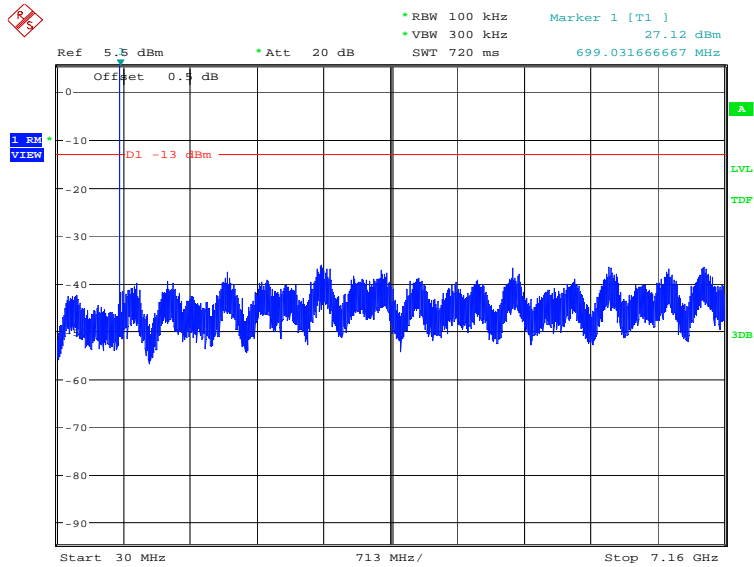
NOTE: peak above the limit line is the carrier frequency.



Date: 20.AUG.2021 09:30:17

LTE band 12: 30MHz – 7.16GHz

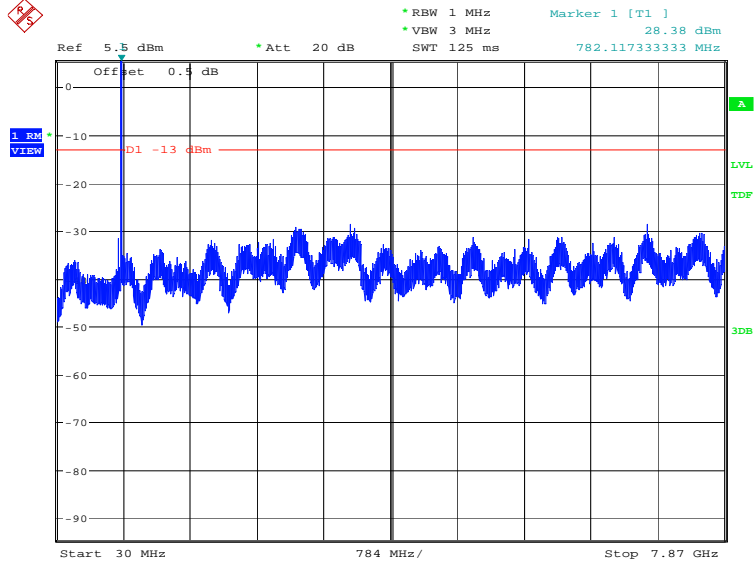
NOTE: peak above the limit line is the carrier frequency.



Date: 19.AUG.2021 16:47:51

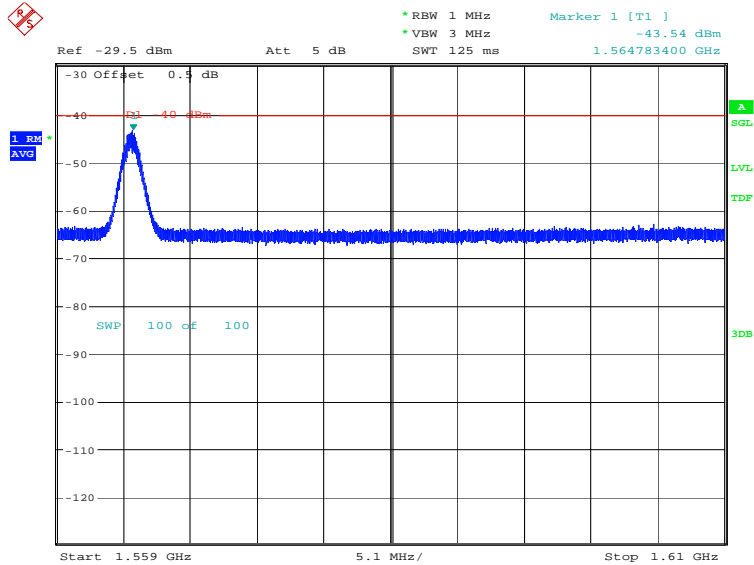
LTE band 13: 30MHz – 7.87GHz

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



Date: 19.AUG.2021 16:49:27

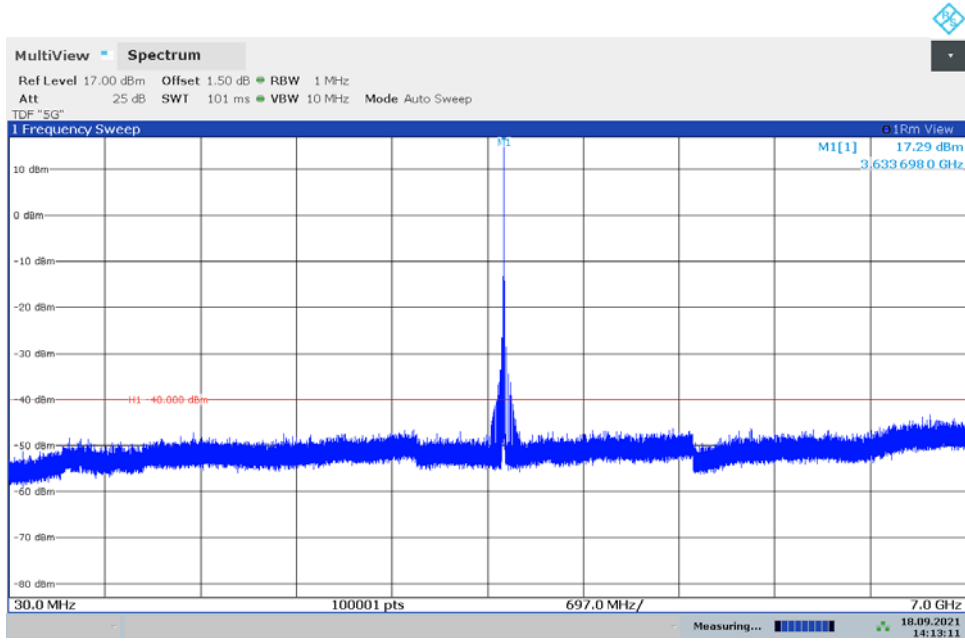
LTE band 13: 1559MHz – 1610MHz



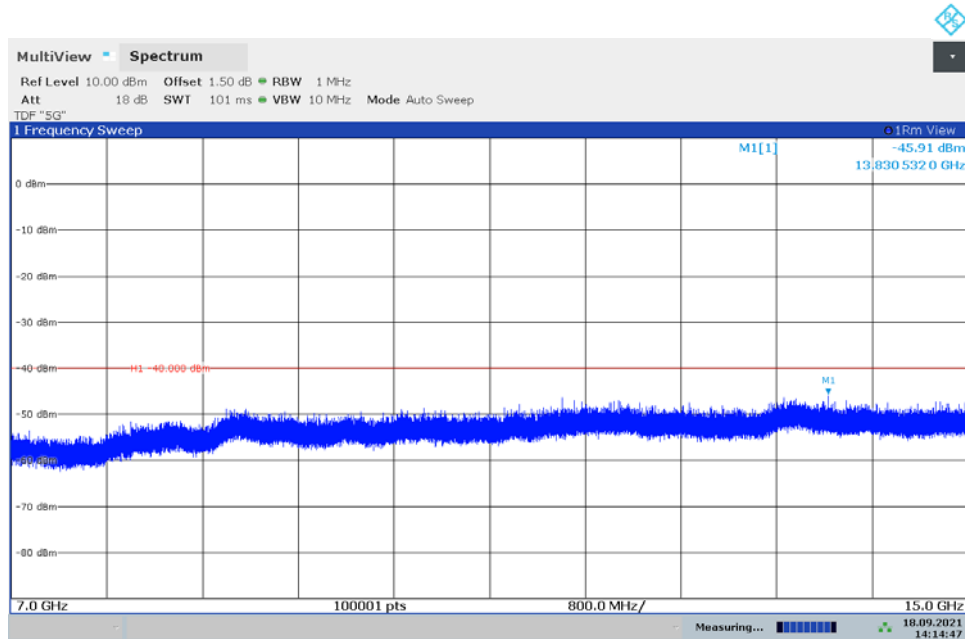
Date: 19.AUG.2021 16:50:00

LTE band 48: 30MHz –37GHz

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



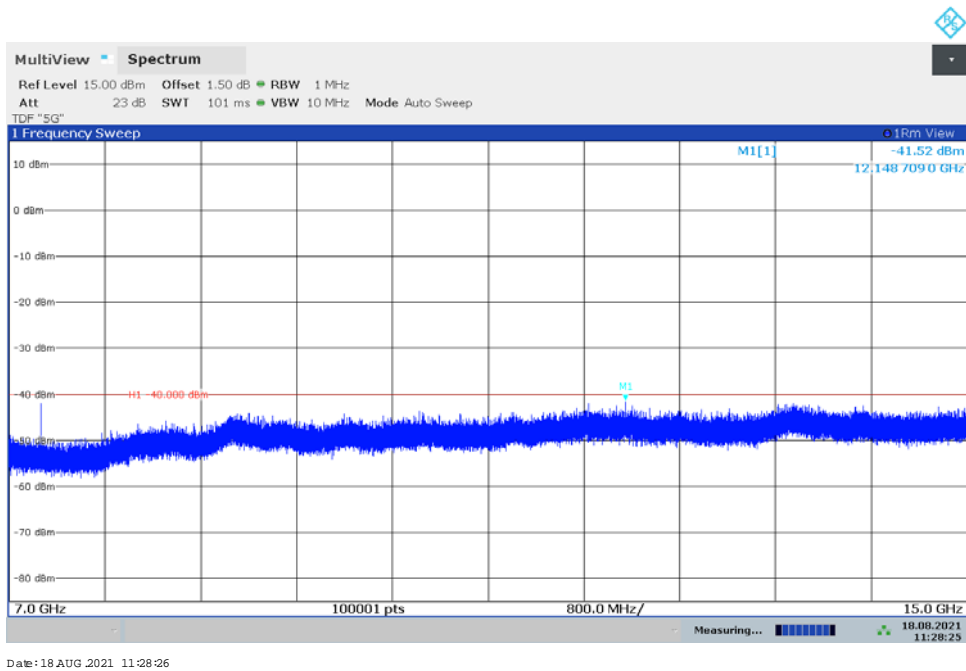
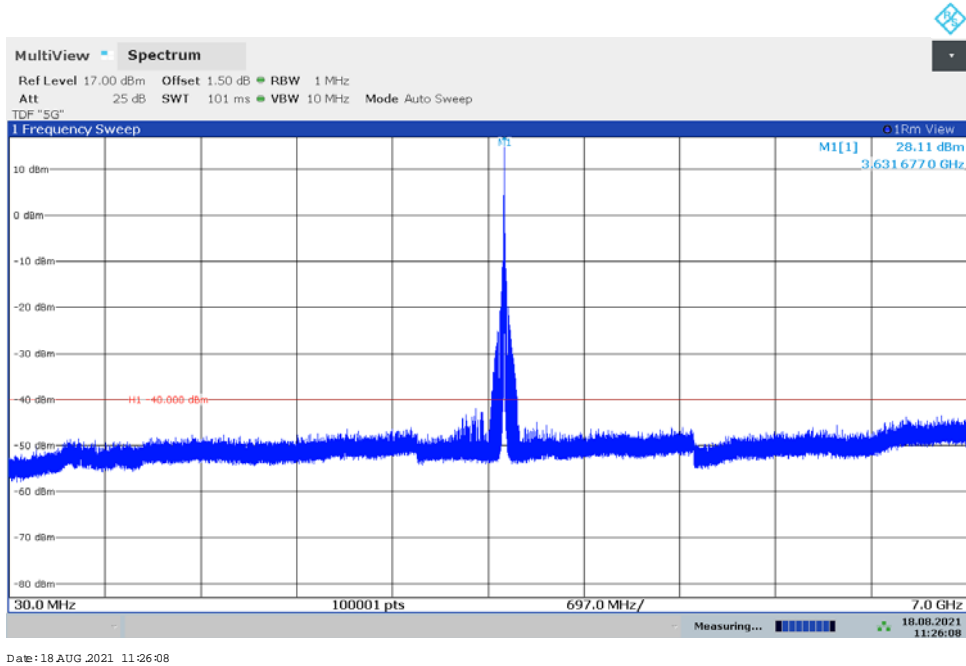
Date: 18 SEP 2021 14:13:11

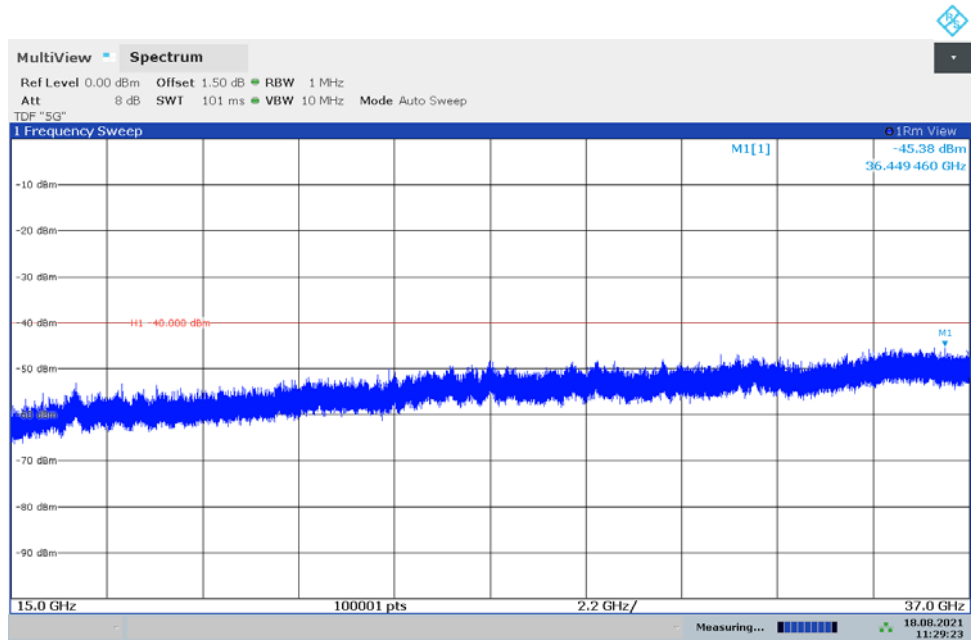


Date: 18 SEP 2021 14:14:47

LTE band 48_CA: 30MHz – 37GHz

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

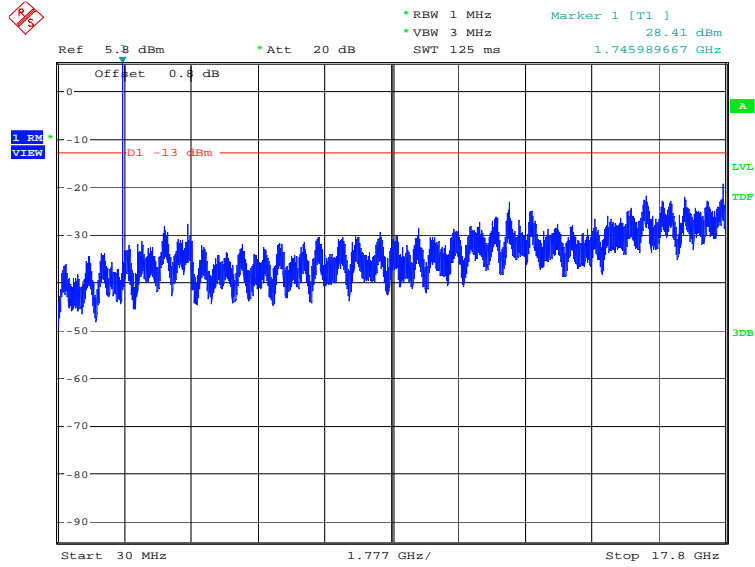




Date: 18 AUG 2021 11:29:23

LTE band 66-ANT2: 30MHz – 17.8GHz

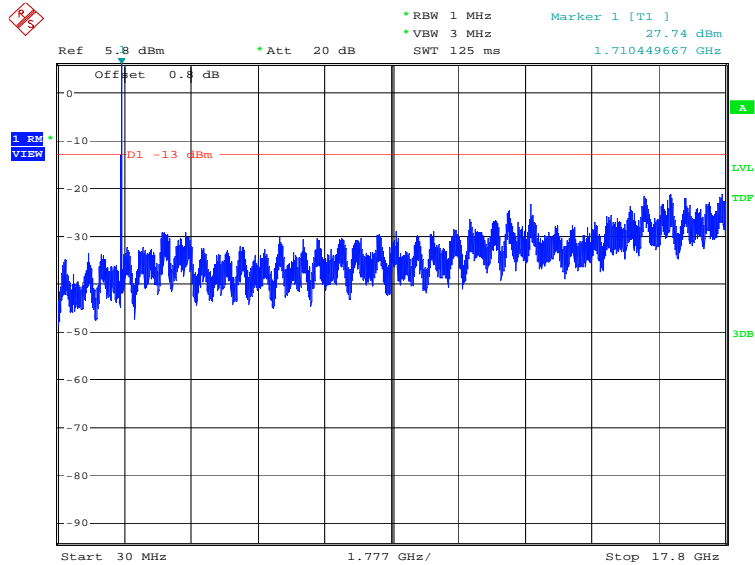
NOTE: peak above the limit line is the carrier frequency.



Date: 19.AUG.2021 17:09:53

LTE band 66-ANT3: 30MHz – 17.8GHz

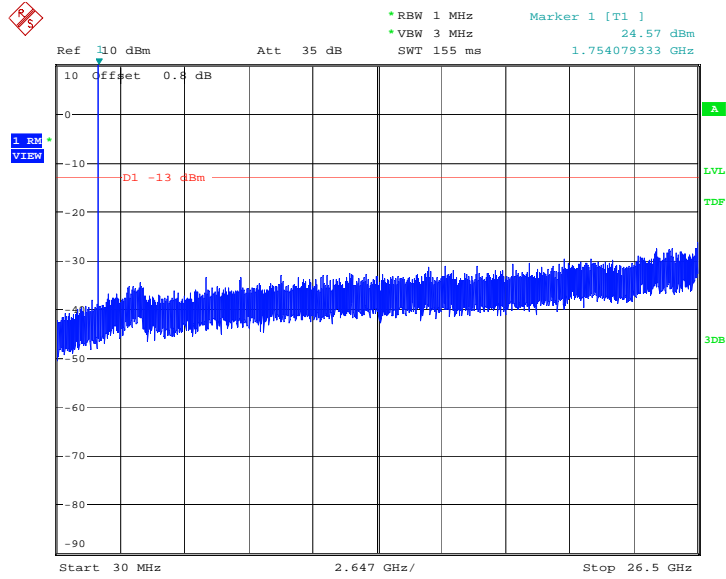
NOTE: peak above the limit line is the carrier frequency.



Date: 17.SEP.2021 16:24:29

LTE band 66_CA: 30MHz – 17.8GHz

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



Date: 18.AUG.2021 10:04:10

A.8 Peak-to-Average Power Ratio

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

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

LTE band 2-ANT2, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 1880.0 | QPSK | 16QAM | 64QAM |
| | 5.03 | 5.86 | 6.53 |

LTE band 2-ANT3, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 1880.0 | QPSK | 16QAM | 64QAM |
| | 5.06 | 5.90 | 6.56 |

LTE band 7, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 2535.0 | QPSK | 16QAM | 64QAM |
| | 4.92 | 5.78 | 6.50 |

LTE band 12, 10MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 707.5 | QPSK | 16QAM | 64QAM |
| | 5.04 | 5.86 | 6.50 |

LTE band 13, 10MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 782.0 | QPSK | 16QAM | 64QAM |
| | 4.96 | 5.82 | 6.42 |

LTE band 48, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 3625.0 | QPSK | 16QAM | 64QAM |
| | 8.30 | 8.43 | 8.56 |

LTE band 48_CA, 20MHz+20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 3625.0 | QPSK | 16QAM | 64QAM |
| | 7.15 | 7.53 | 8.01 |

LTE band 66-ANT2, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 1745.0 | QPSK | 16QAM | 64QAM |
| | 4.90 | 6.06 | 6.56 |

LTE band 66-ANT3, 20MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 1745.0 | QPSK | 16QAM | 64QAM |
| | 4.90 | 6.12 | 6.52 |

LTE band 66_CA, 10MHz+10MHz

| Frequency (MHz) | PAPR (dB) | | |
|-----------------|-----------|-------|-------|
| 1755.0 | QPSK | 16QAM | 64QAM |
| | 6.99 | 7.46 | 7.66 |

A.9 End User Device Additional Requirement (CBSD Protocol)

A.9.1 Measurement Limit

End user device additional requirements (CBSD Protocol) are tested per the test procedures listed below. During testing, the EUT is connected to a certified CBSD (Baicells pBS2120 FCC ID: 2AG32PBS212096) as a companion device to show compliance with Part 96.47.

End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.

An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

A.9.2 Measurement Method

The EUT was connected via an RF cable to a certified CBSD and spectrum analyzer.

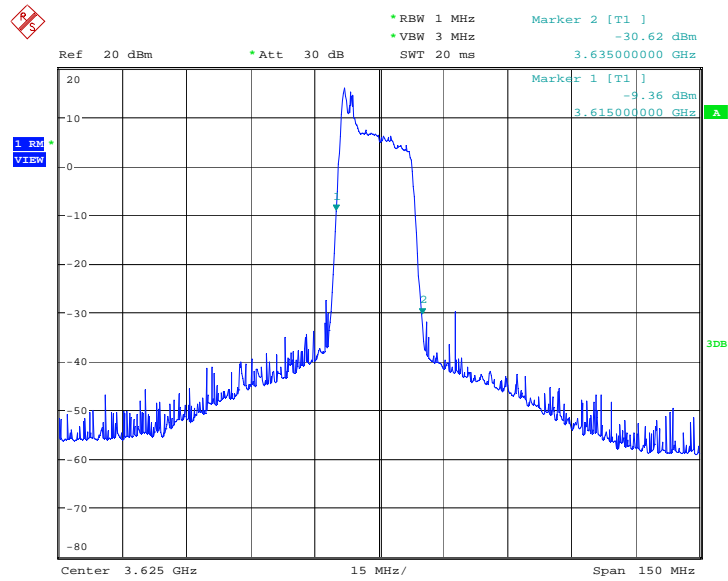
1. Run#1:

- a. Setup frequency with 3615MHz – 3635MHz.
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s.

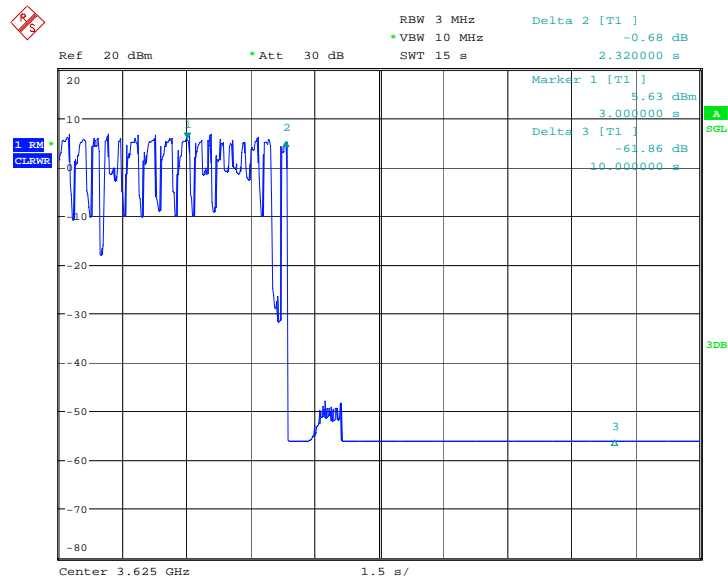
2. Run#2:

- a. Setup frequency with 3665MHz – 3685MHz.
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s.

RUN#1:



Date: 4.AUG.2021 14:27:33



Date: 4.AUG.2021 15:22:20

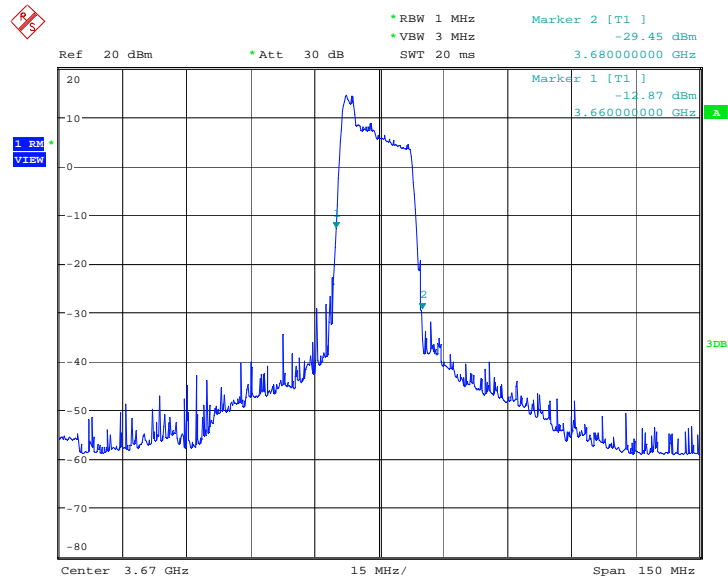
Note:

Marker 1: CBSD sends instructions to discontinue LTE operations.

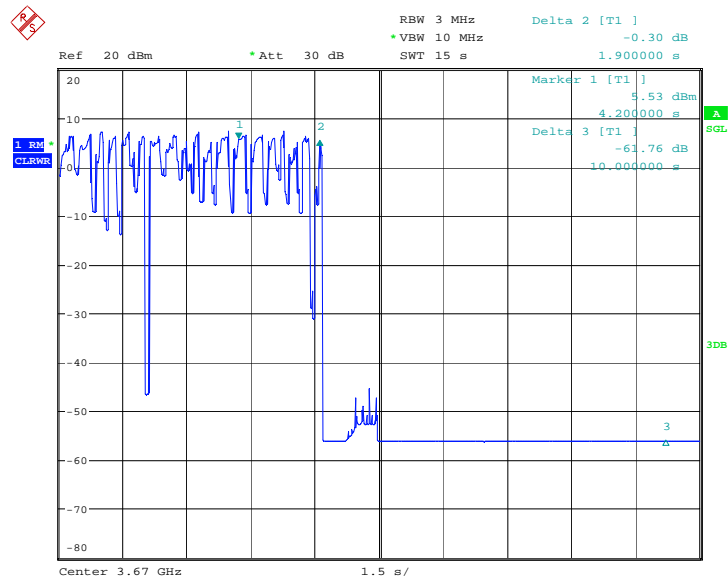
Marker 2: EUT discontinues operation.

Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT.

RUN#2:



Date: 4.AUG.2021 15:35:49



Date: 4.AUG.2021 15:51:11

Note:

Marker 1: CBSD sends instructions to discontinue LTE operations.

Marker 2: EUT discontinues operation.

Marker 3: 10 seconds elapsed time from CBSD sending instructions to EUT

Annex B: Accreditation Certificate

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>United States Department of Commerce National Institute of Standards and Technology</p>   | |
| <hr/> Certificate of Accreditation to ISO/IEC 17025:2017 <hr/> | |
| NVLAP LAB CODE: 600118-0 | |
| Telecommunication Technology Labs, CAICT Beijing China | |
| <i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i> | |
| Electromagnetic Compatibility & Telecommunications | |
| <i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i> | |
| <hr/> 2021-09-29 through 2022-09-30 <i>Effective Dates</i> |  <hr/> <i>[Signature]</i> For the National Voluntary Laboratory Accreditation Program |

END OF REPORT