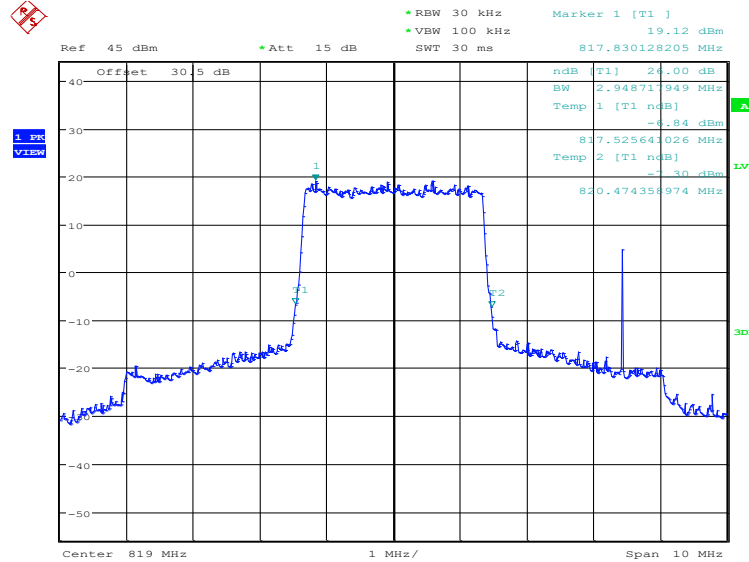


LTE band 26(814MHz~824MHz), 3MHz (-26dBc)

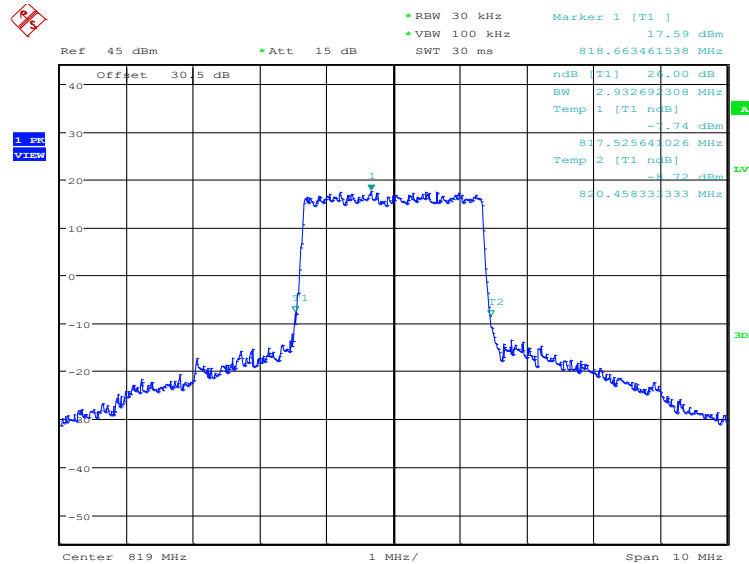
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
819.0	QPSK	16QAM
	2948.72	2932.69

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



Date: 9.OCT.2024 11:25:27

LTE band 26(814MHz~824MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)

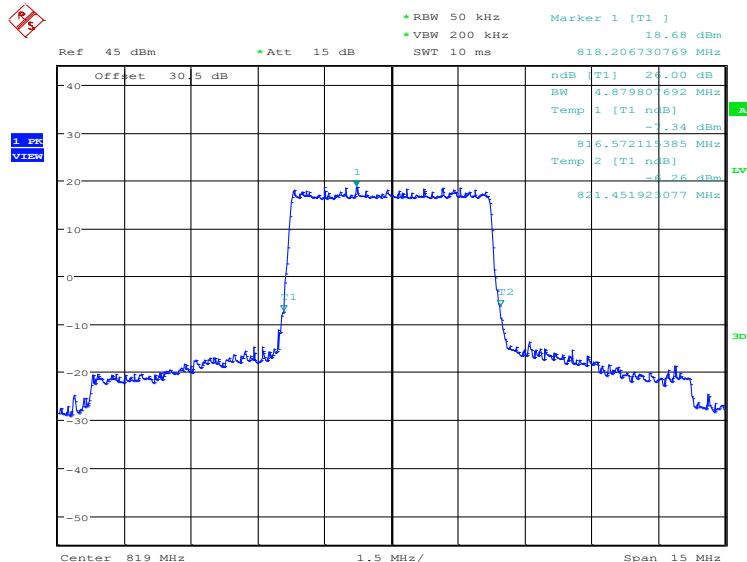


Date: 9.OCT.2024 11:26:07

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

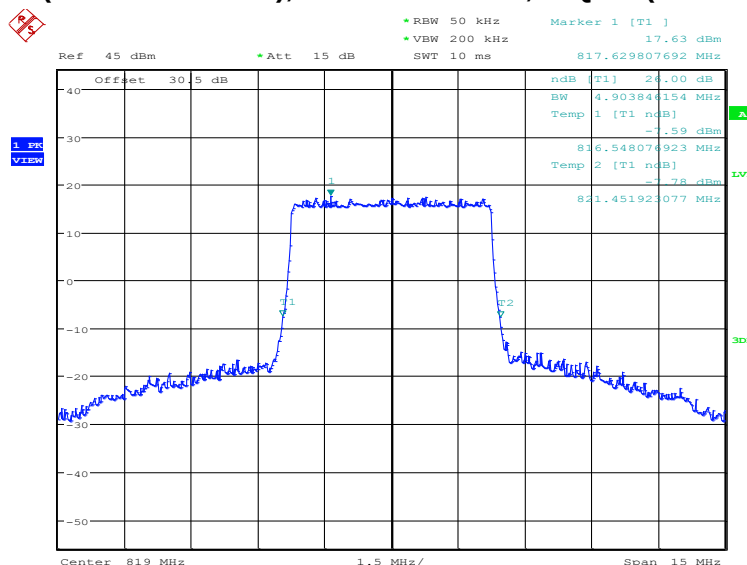
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
819.0	QPSK	16QAM
	4879.81	4903.85

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



Date: 9.OCT.2024 11:26:50

LTE band 26(814MHz~824MHz), 5MHz Bandwidth, 16QAM (-26dBc BW)

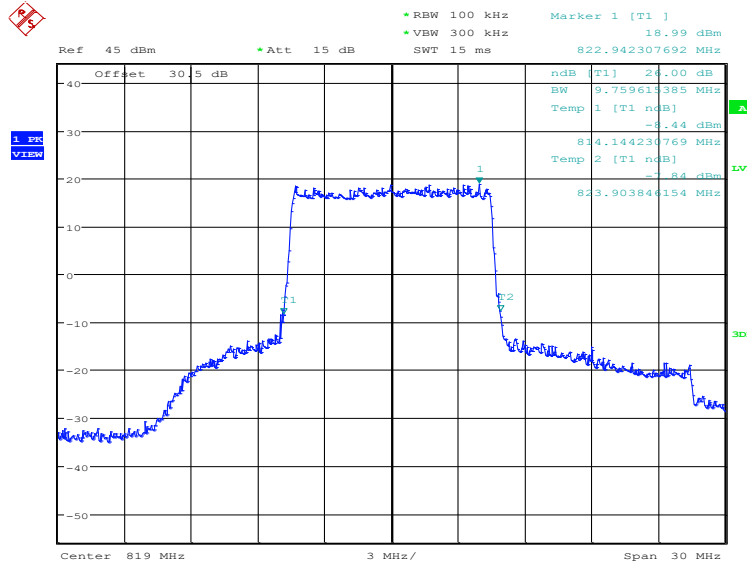


Date: 9.OCT.2024 11:27:31

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

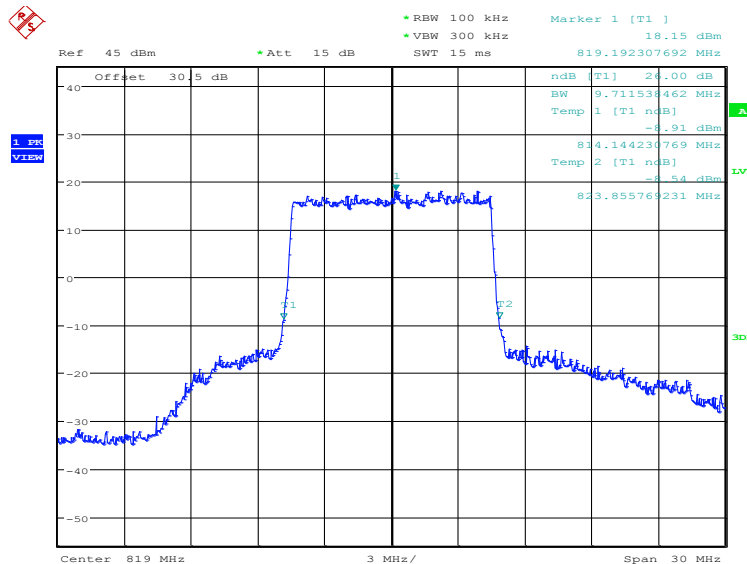
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
819.0	QPSK	16QAM
	9759.62	9711.54

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



Date: 9.OCT.2024 11:28:13

LTE band 26(814MHz~824MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)

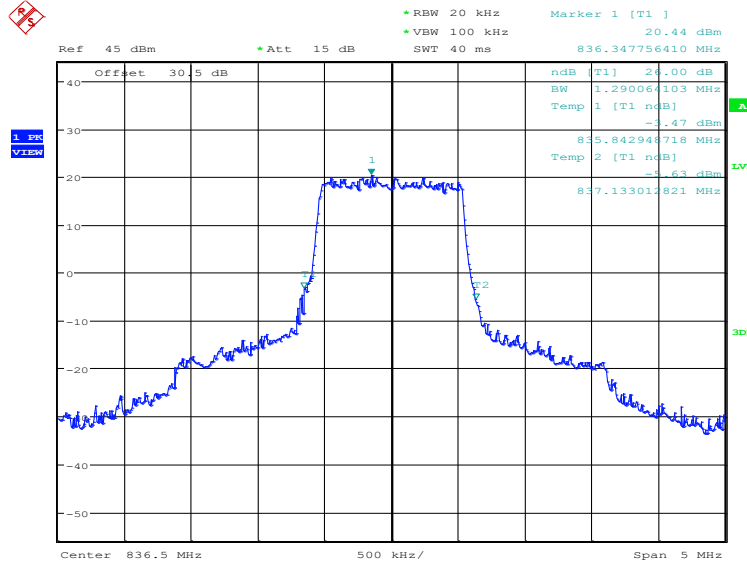


Date: 9.OCT.2024 11:28:54

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

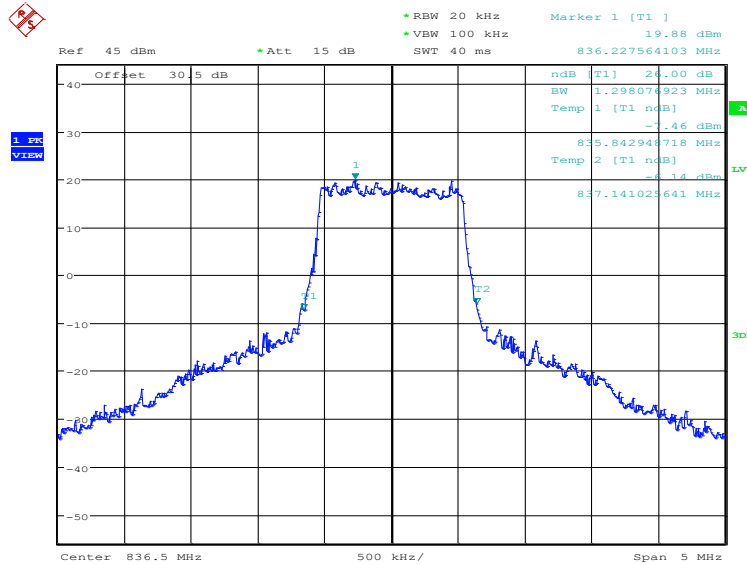
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
836.5	QPSK	16QAM
	1290.06	1298.08

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



Date: 9.OCT.2024 11:16:27

LTE band 26(824MHz~849MHz), 1.4MHz Bandwidth, 16QAM (-26dBc BW)

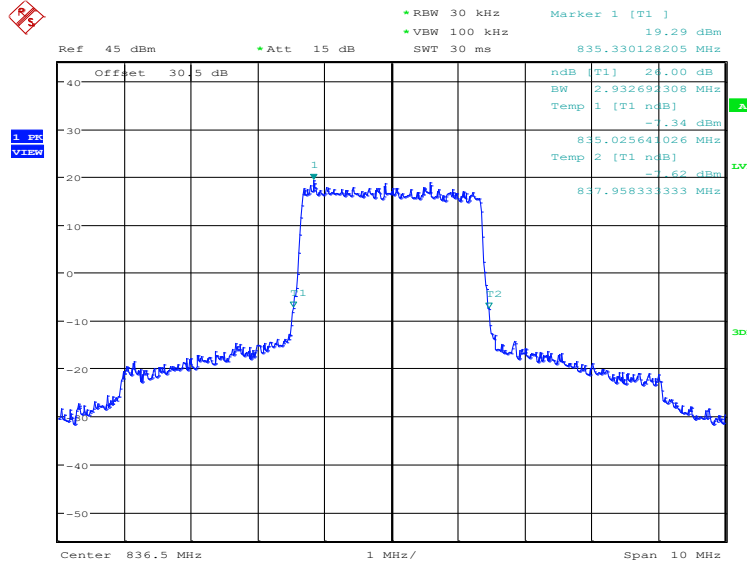


Date: 9.OCT.2024 11:17:07

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

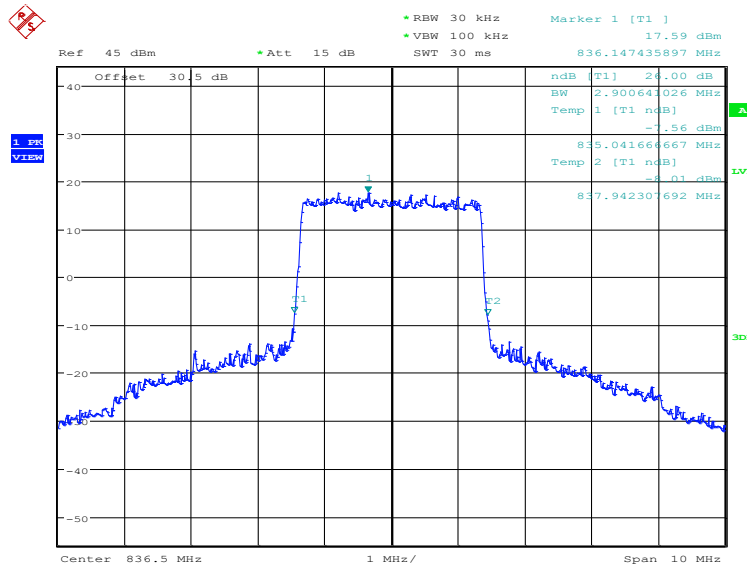
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
836.5	QPSK	16QAM
	2932.69	2900.64

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



Date: 9.OCT.2024 11:17:50

LTE band 26(824MHz~849MHz), 3MHz Bandwidth, 16QAM (-26dBc BW)

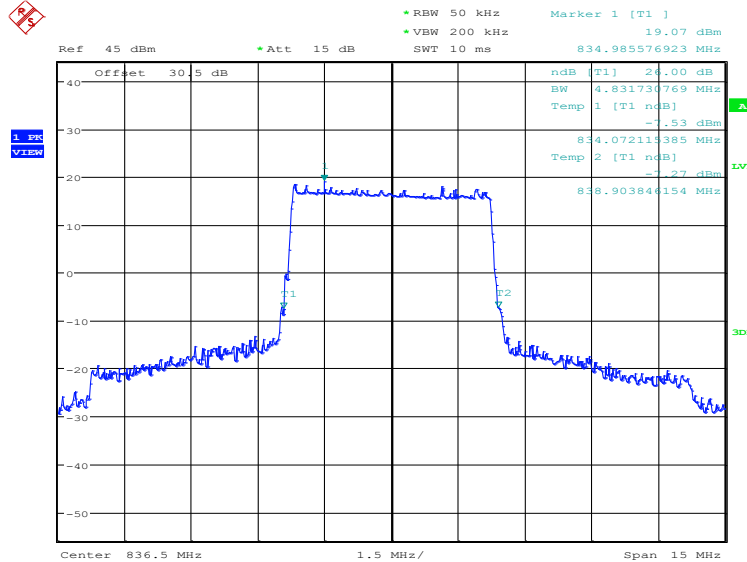


Date: 9.OCT.2024 11:18:30

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

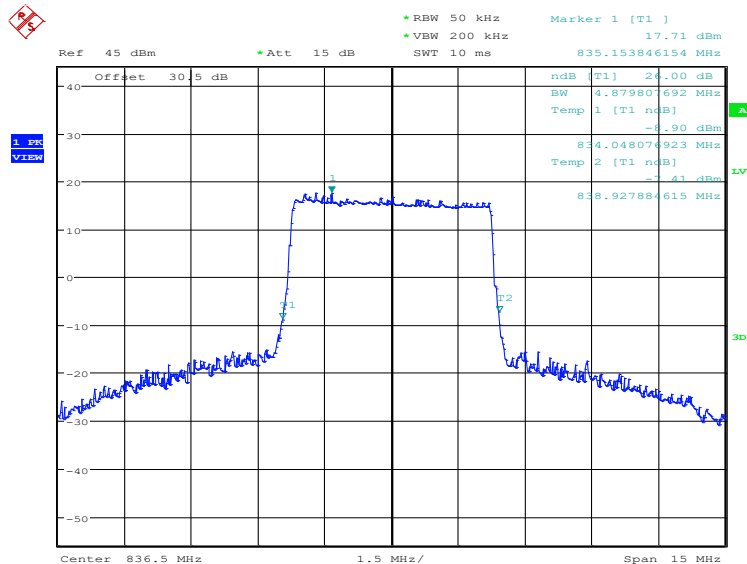
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
836.5	QPSK	16QAM
	4831.73	4879.81

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



Date: 9.OCT.2024 11:19:13

LTE band 26(824MHz~849MHz), 5MHz Bandwidth, 16QAM (-26dBc BW)

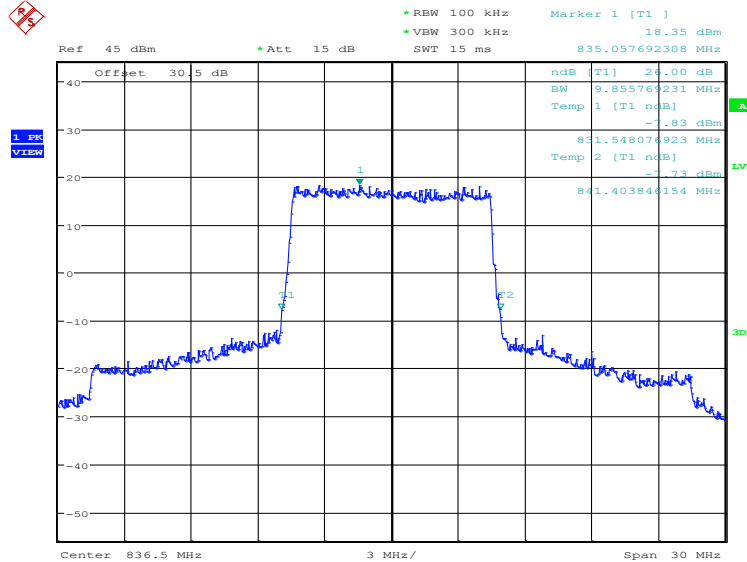


Date: 9.OCT.2024 11:19:53

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

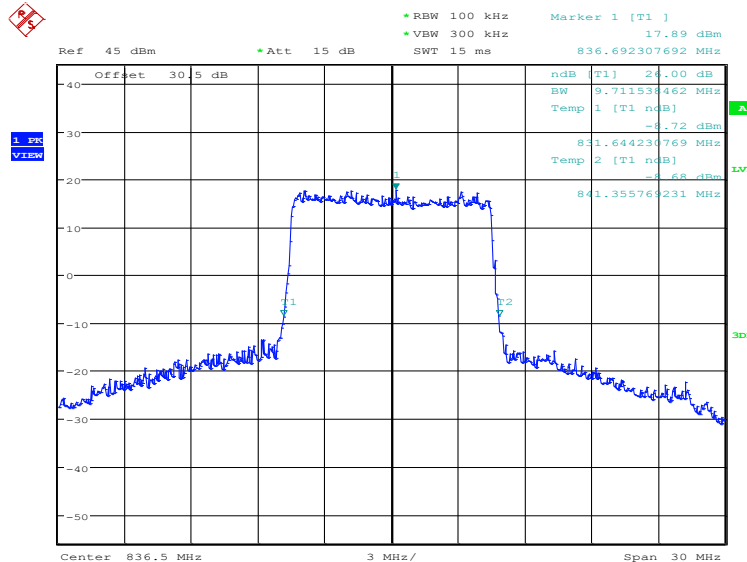
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
836.5	QPSK	16QAM
	9855.77	9711.54

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



Date: 9.OCT.2024 11:20:36

LTE band 26(824MHz~849MHz), 10MHz Bandwidth, 16QAM (-26dBc BW)

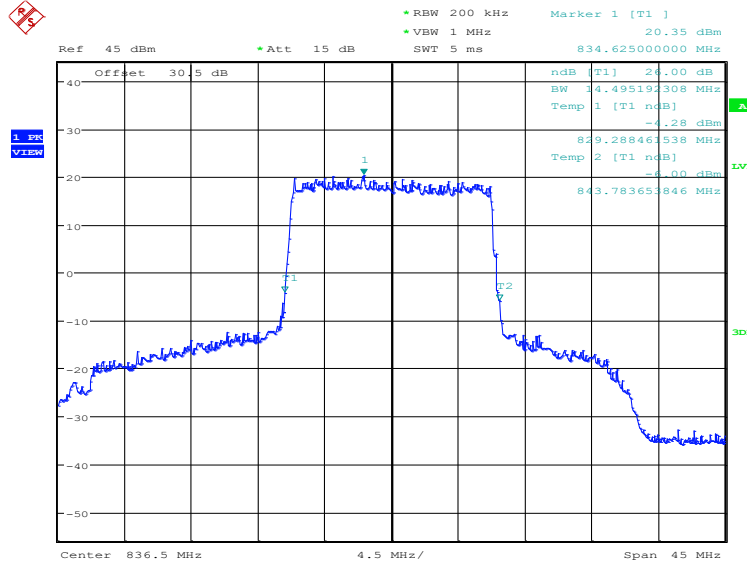


Date: 9.OCT.2024 11:21:17

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

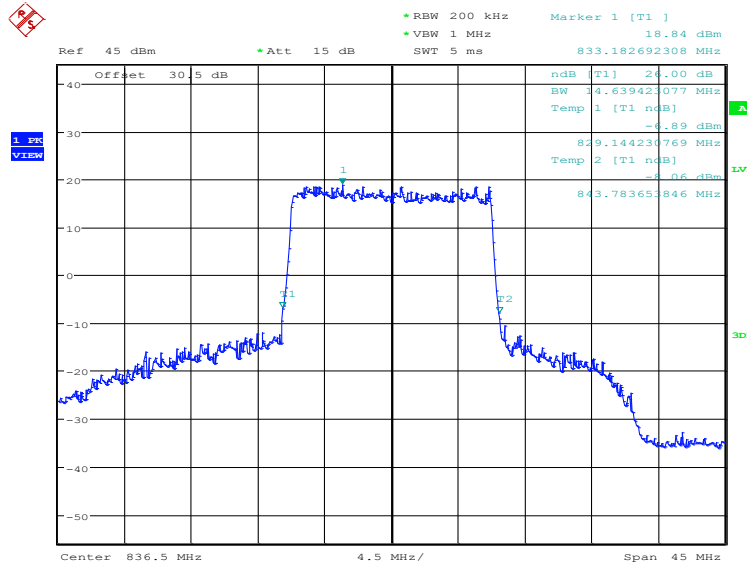
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
836.5	QPSK	16QAM
	14495.19	14639.42

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



Date: 9.OCT.2024 11:21:59

LTE band 26(824MHz~849MHz), 15MHz Bandwidth, 16QAM (-26dBc BW)

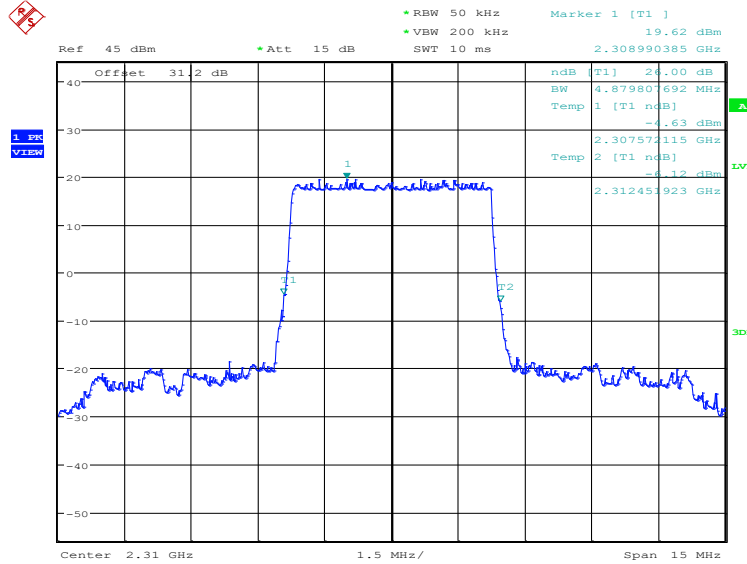


Date: 9.OCT.2024 11:22:40

LTE band 30, 5MHz (-26dBc)

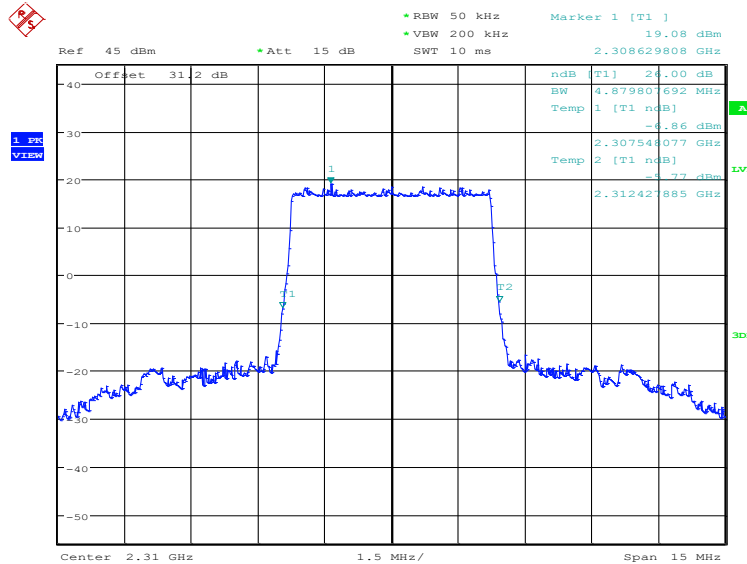
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2310.0	QPSK	16QAM
	4879.81	4879.81

LTE band 30, 5MHz Bandwidth, QPSK (-26dBc BW)



Date: 9.OCT.2024 15:42:40

LTE band 30, 5MHz Bandwidth,16QAM (-26dBc BW)

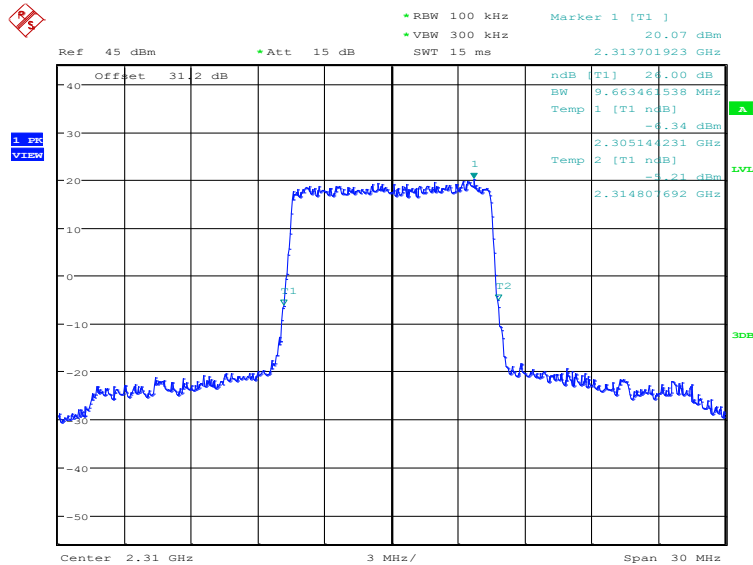


Date: 9.OCT.2024 15:43:20

LTE band 30, 10MHz (-26dBc)

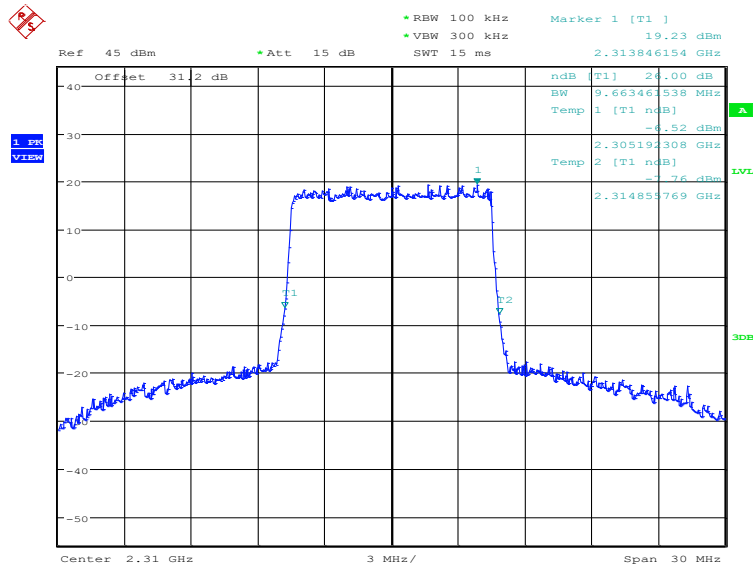
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2310.0	QPSK	16QAM
	9663.46	9663.46

LTE band 30, 10MHz Bandwidth, QPSK (-26dBc BW)



Date: 9.OCT.2024 15:44:02

LTE band 30, 10MHz Bandwidth,16QAM (-26dBc BW)

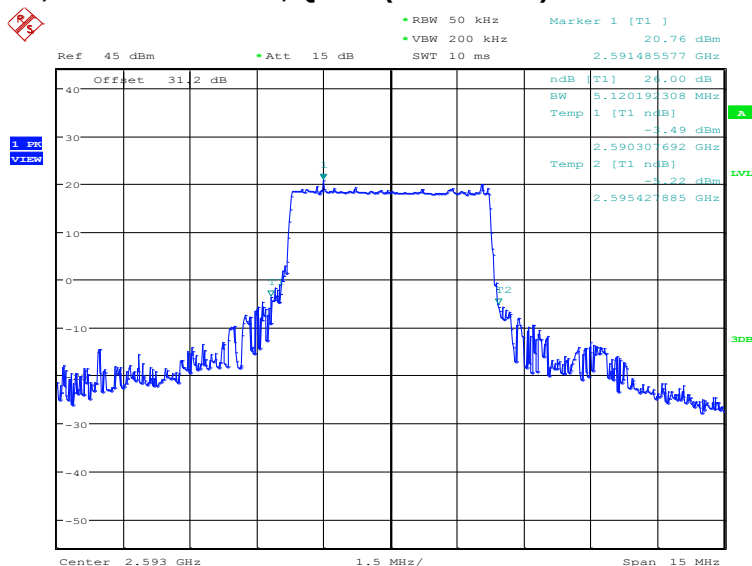


Date: 9.OCT.2024 15:44:42

LTE band 41, 5MHz (-26dBc)

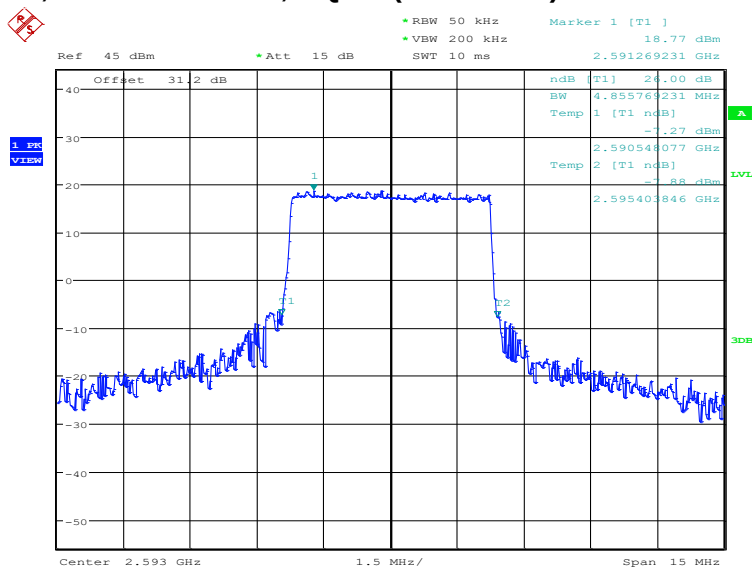
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2593.0	QPSK	16QAM
	5120.19	4855.77

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



Date: 9.OCT.2024 14:33:02

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

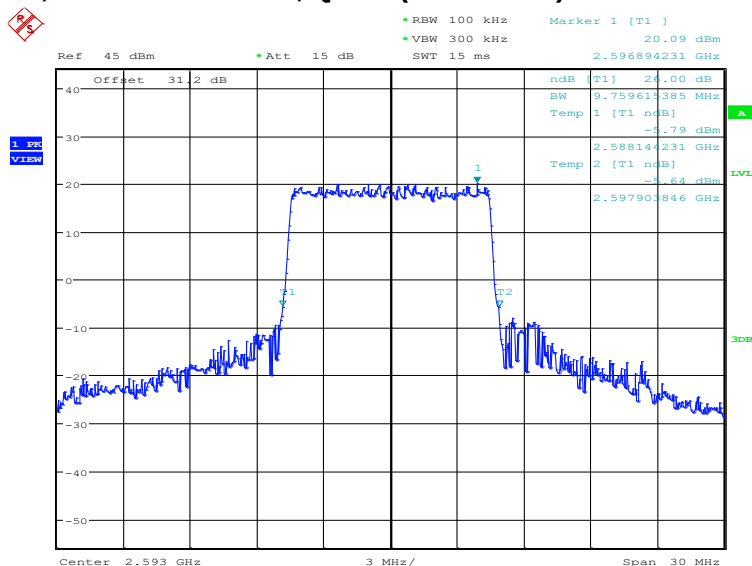


Date: 9.OCT.2024 14:33:42

LTE band 41, 10MHz (-26dBc)

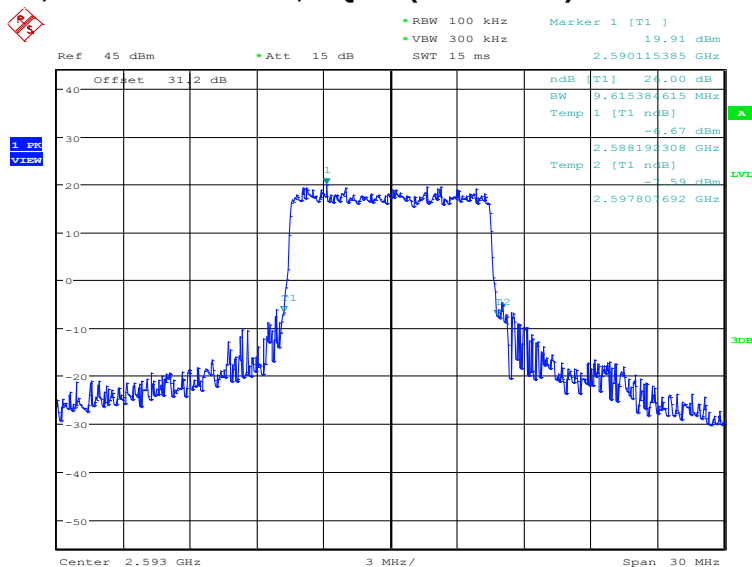
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2593.0	QPSK	16QAM
	9759.62	9615.38

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



Date: 9.OCT.2024 14:34:25

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

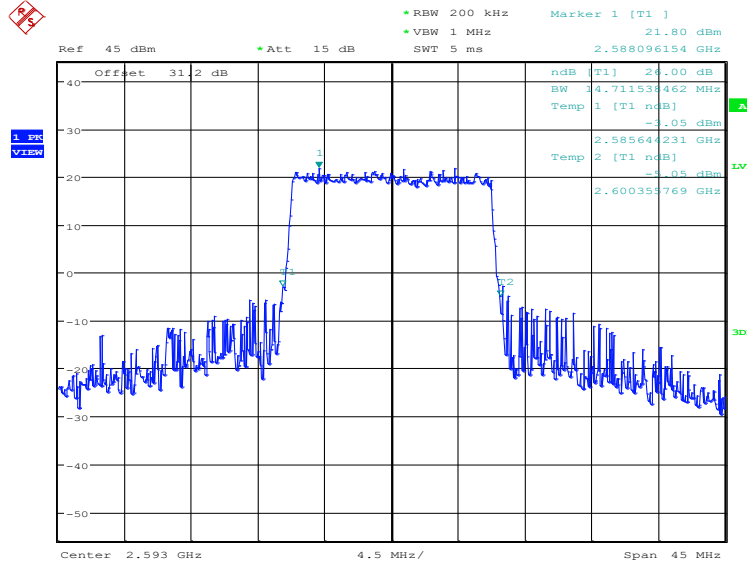


Date: 9.OCT.2024 14:35:05

LTE band 41, 15MHz (-26dBc)

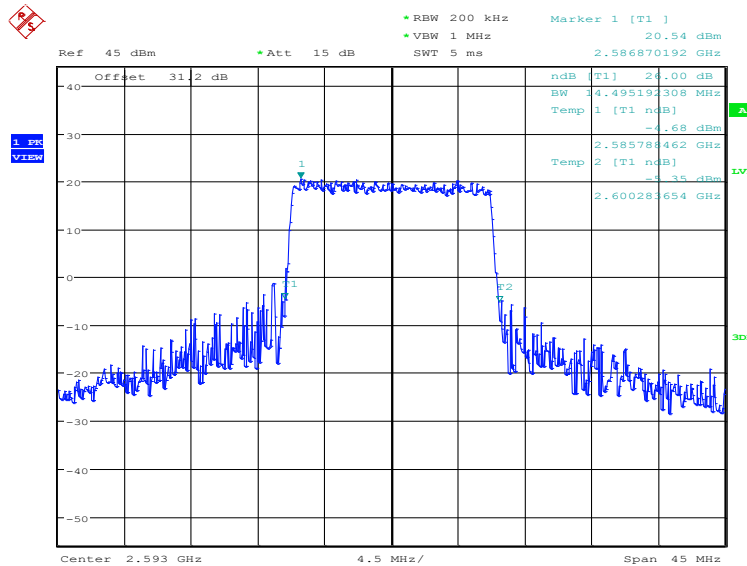
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2593.0	QPSK	16QAM
	14711.54	14495.19

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



Date: 9.OCT.2024 14:35:47

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

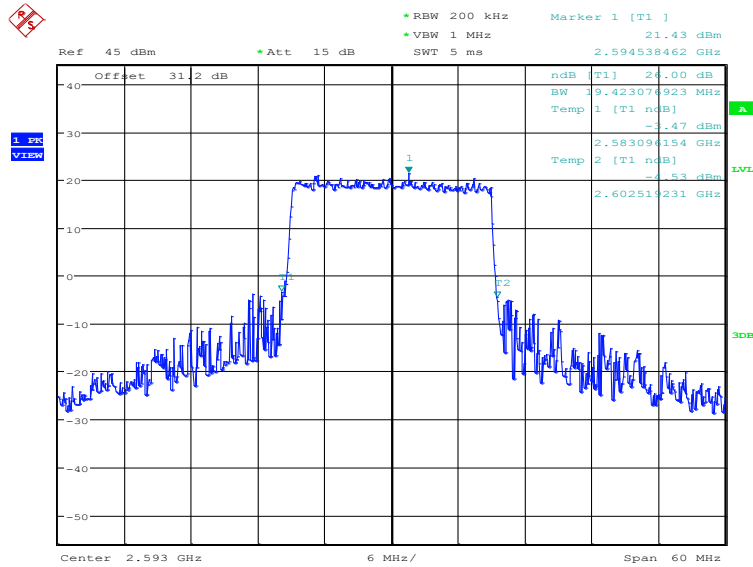


Date: 9.OCT.2024 14:36:27

LTE band 41, 20MHz (-26dBc)

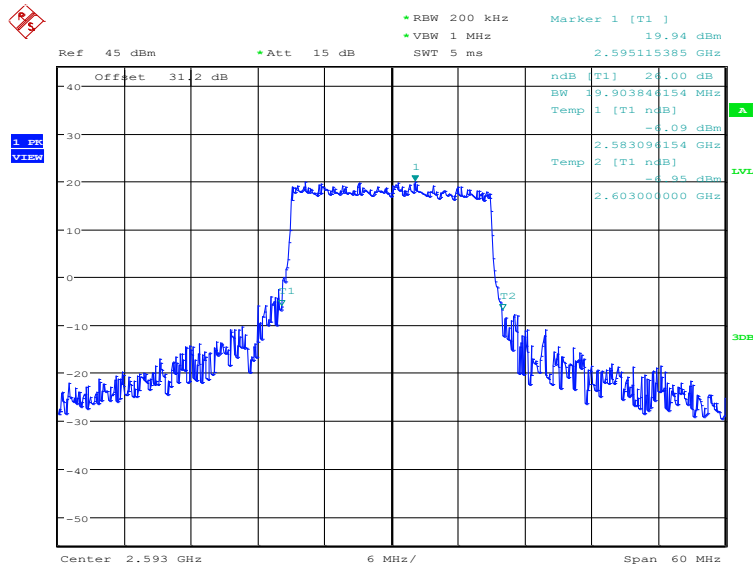
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
2593.0	QPSK	16QAM
	19423.08	19903.85

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



Date: 9.OCT.2024 14:37:10

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



Date: 9.OCT.2024 14:37:50

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



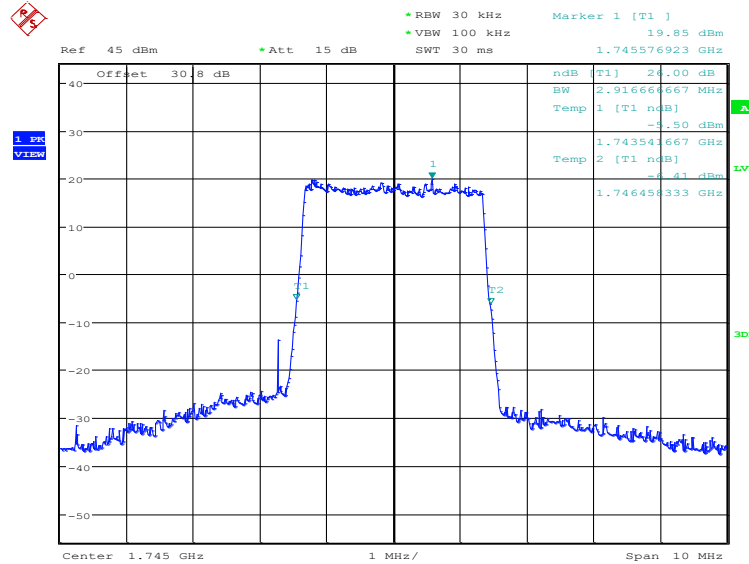
LTE band 66, 1.4MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 66, 3MHz (-26dBc)

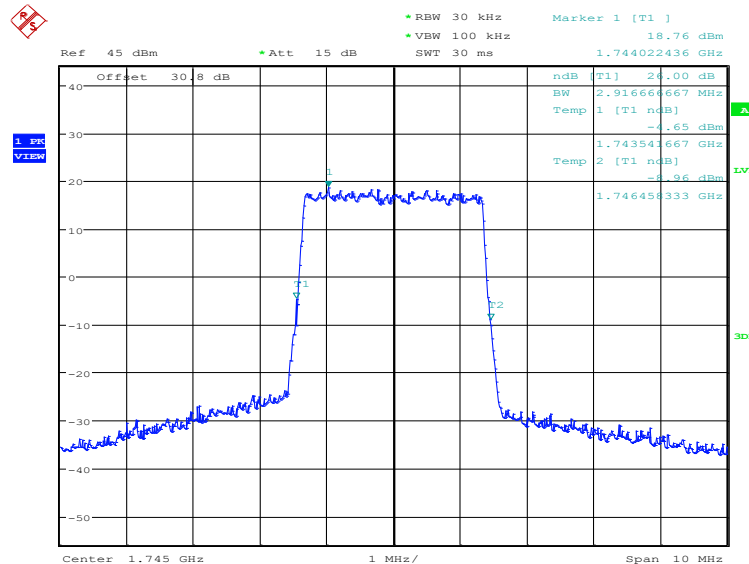
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1745.0	QPSK	16QAM
	2916.67	2916.67

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



Date: 9.OCT.2024 09:35:24

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

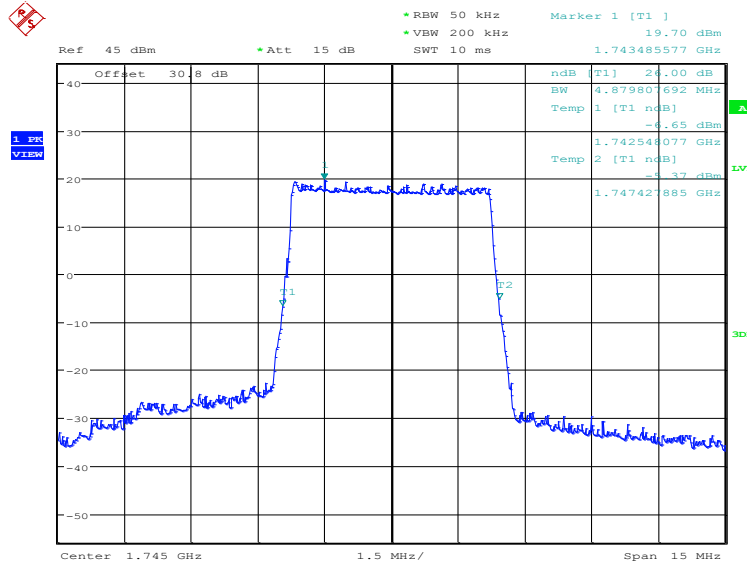


Date: 9.OCT.2024 09:36:04

LTE band 66, 5MHz (-26dBc)

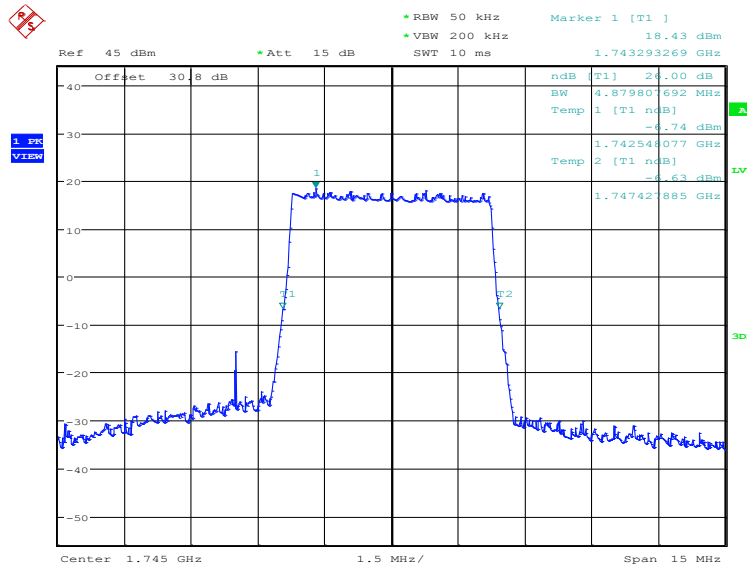
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1745.0	QPSK	16QAM
	4879.81	4879.81

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



Date: 9.OCT.2024 09:36:46

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

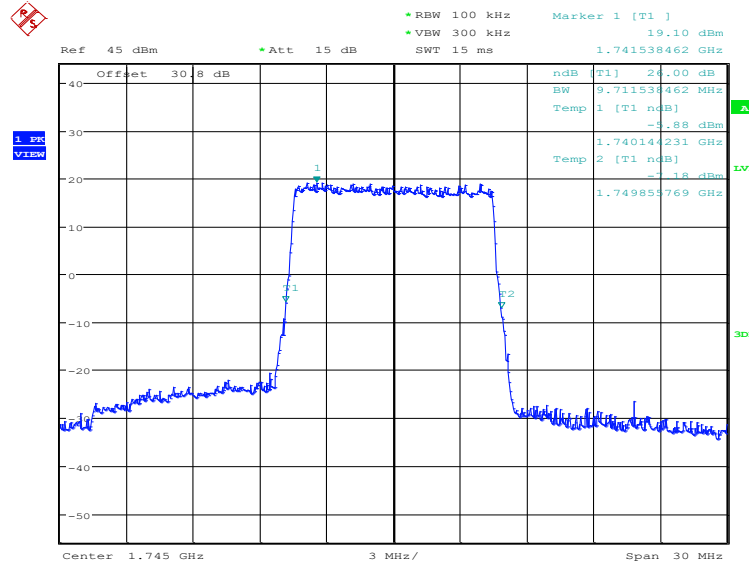


Date: 9.OCT.2024 09:37:27

LTE band 66, 10MHz (-26dBc)

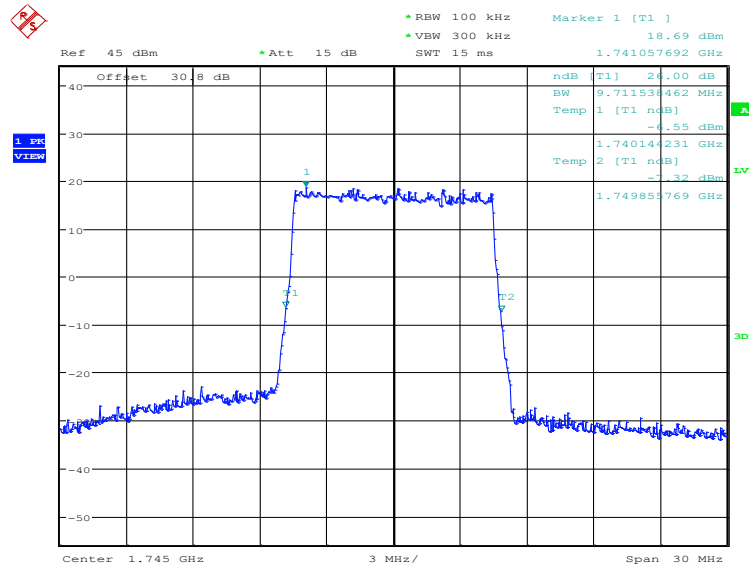
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1745.0	QPSK	16QAM
	9711.54	9711.54

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



Date: 9.OCT.2024 09:38:09

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



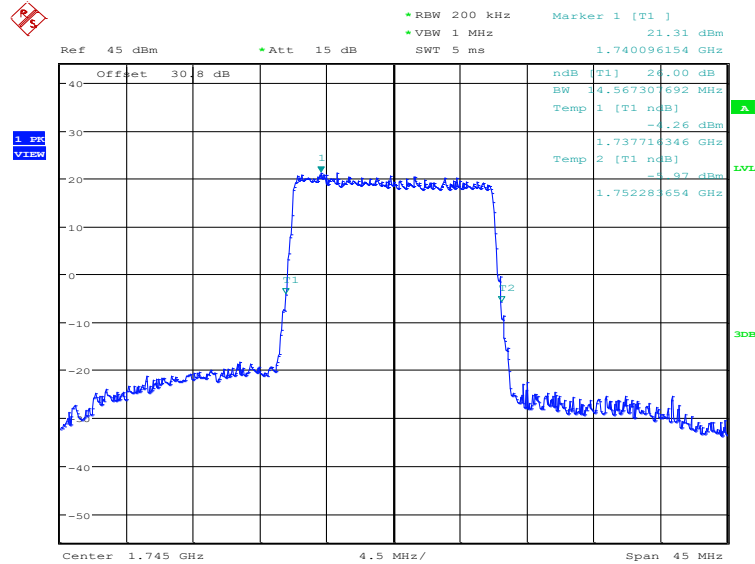
Date: 9.OCT.2024 09:38:49



LTE band 66, 15MHz (-26dBc)

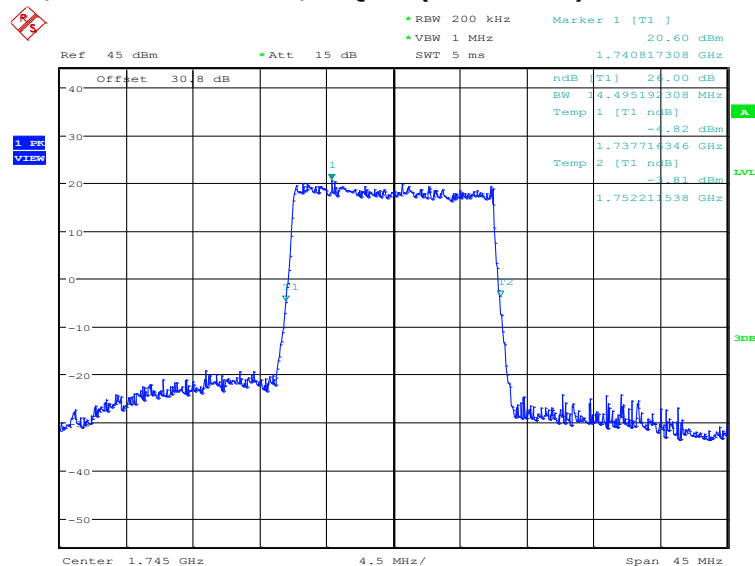
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1745.0	QPSK	16QAM
	14567.31	14495.19

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



Date: 9.OCT.2024 09:39:31

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

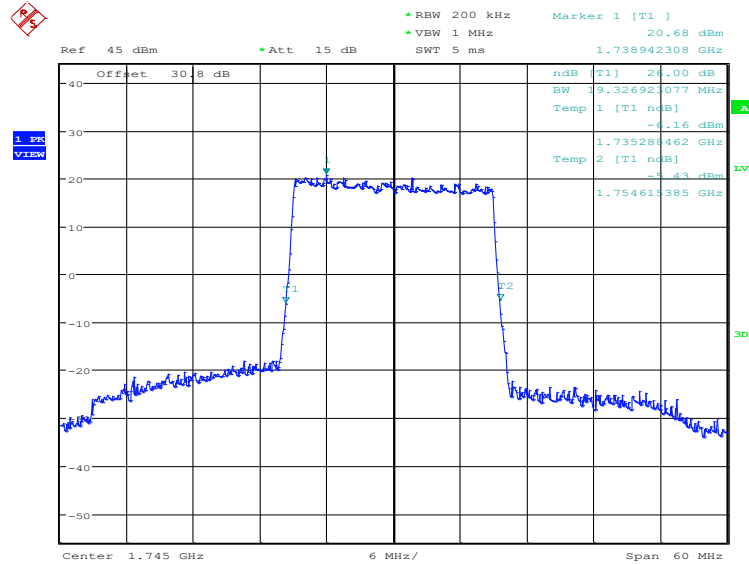


Date: 9.OCT.2024 09:40:12

LTE band 66, 20MHz (-26dBc)

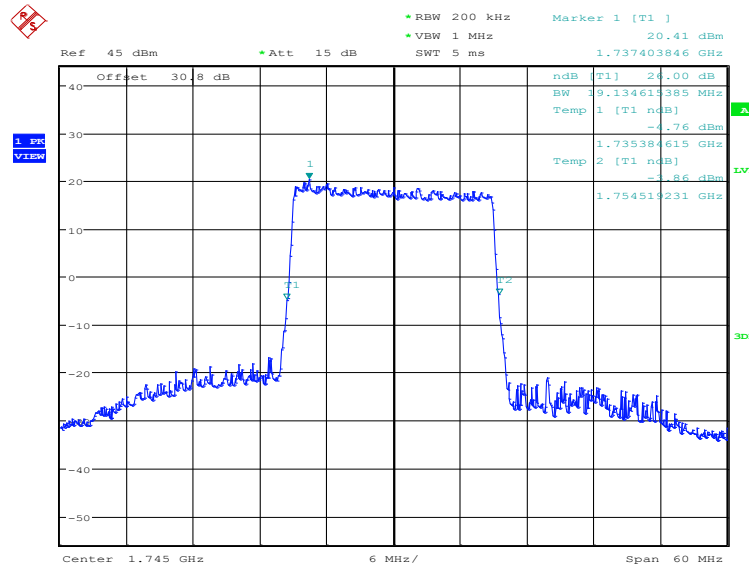
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
1745.0	QPSK	16QAM
	19326.92	19134.62

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



Date: 9.OCT.2024 09:40:54

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

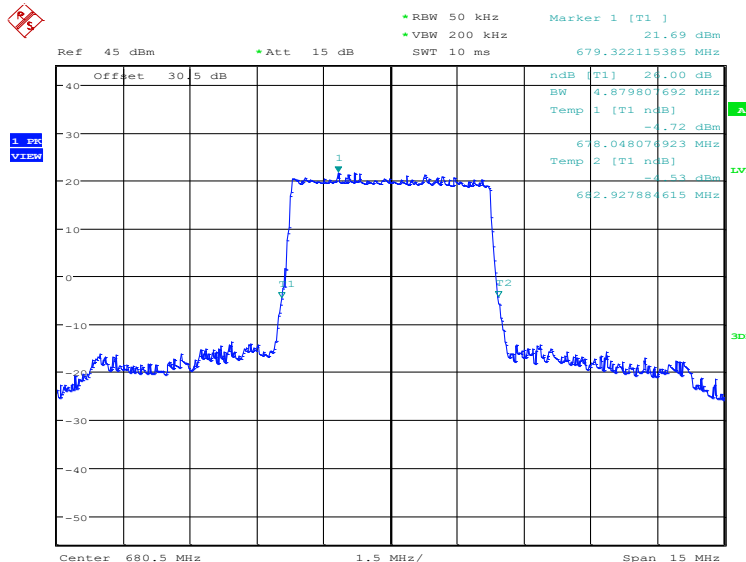


Date: 9.OCT.2024 09:41:34

LTE band 71, 5MHz (-26dBc)

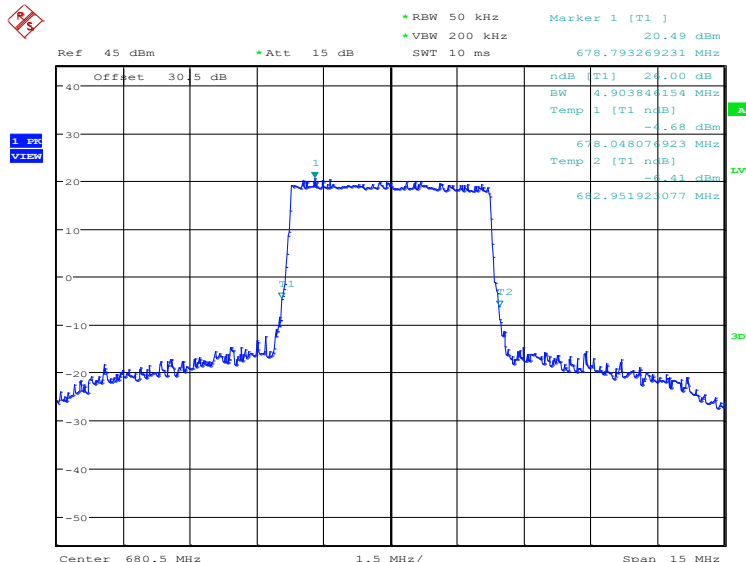
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
680.5	QPSK	16QAM
	4879.81	4903.85

LTE band 71, 5MHz Bandwidth, QPSK (-26dBc BW)



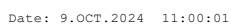
Date: 9.OCT.2024 10:58:38

LTE band 71, 5MHz Bandwidth, 16QAM (-26dBc BW)



Date: 9.OCT.2024 10:59:18

LTE band 71, 10MHz Bandwidth, QPSK (-26dBc BW)



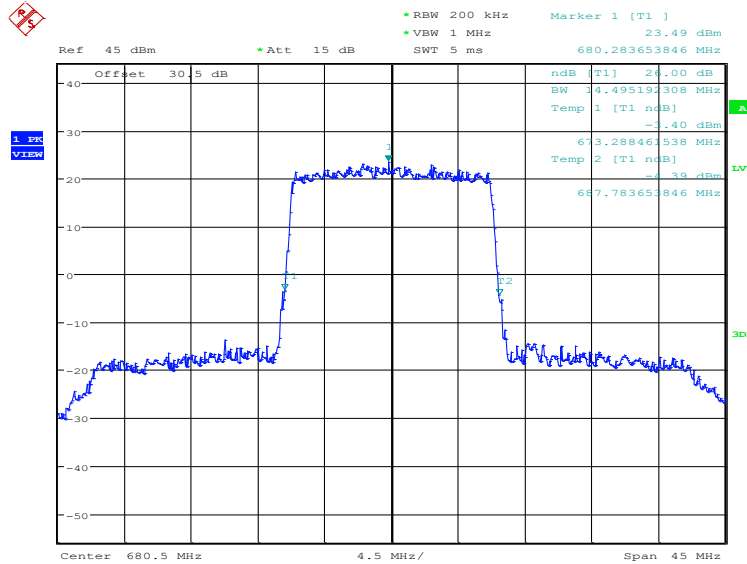
LTE band 71, 10MHz Bandwidth, 16QAM (-26dBc BW)



LTE band 71, 15MHz (-26dBc)

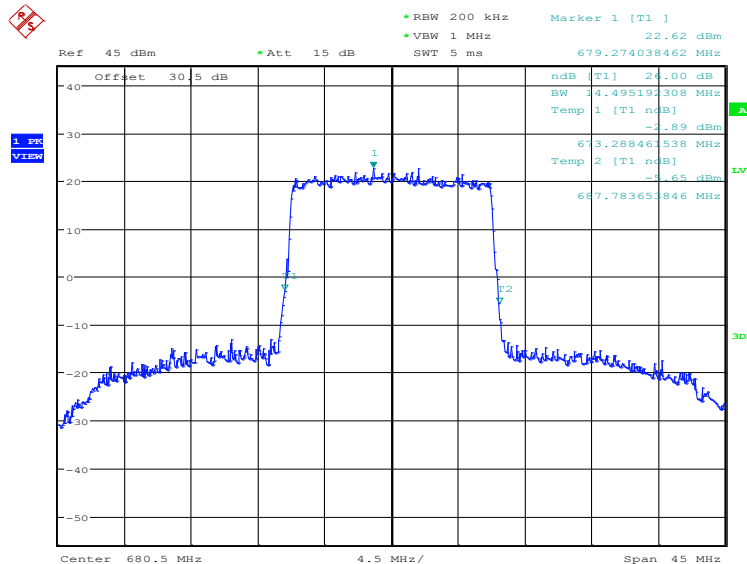
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
680.5	QPSK	16QAM
	14495.19	14495.19

LTE band 71, 15MHz Bandwidth, QPSK (-26dBc BW)



Date: 9.OCT.2024 11:01:24

LTE band 71, 15MHz Bandwidth, 16QAM (-26dBc BW)

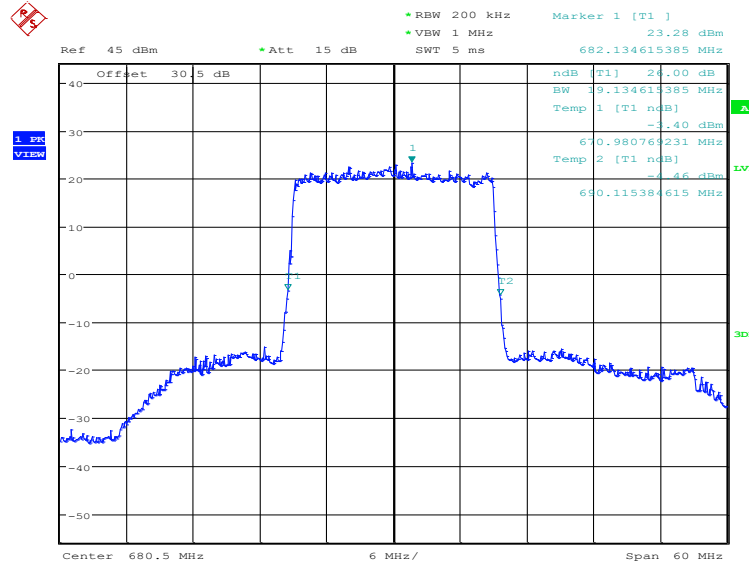


Date: 9.OCT.2024 11:02:04

LTE band 71, 20MHz (-26dBc)

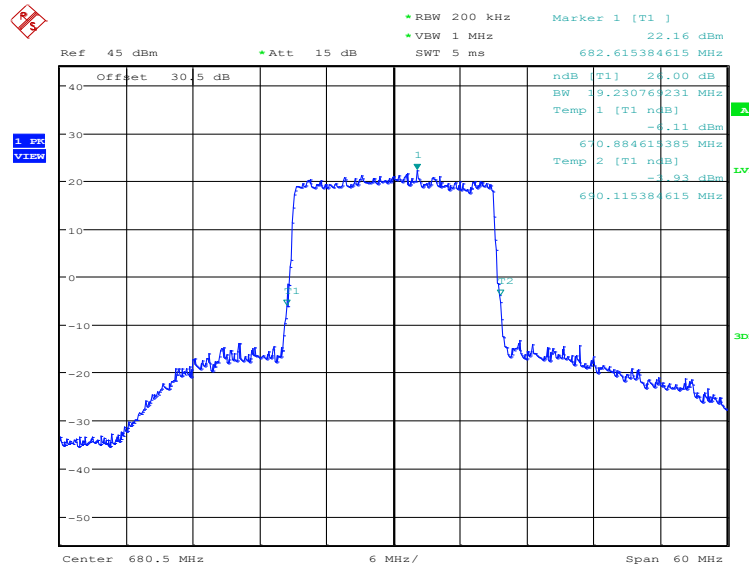
Frequency(MHz)	Emission Bandwidth (-26dBc)(kHz)	
680.5	QPSK	16QAM
	19134.62	19230.77

LTE band 71, 20MHz Bandwidth, QPSK (-26dBc BW)



Date: 9.OCT.2024 11:02:47

LTE band 71, 20MHz Bandwidth, 16QAM (-26dBc BW)



Date: 9.OCT.2024 11:03:27

Note: Expanded measurement uncertainty is $U = 3428 \text{ Hz}$, $k = 2$.

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 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(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 27.53(a) states for mobile and portable stations operating in the 2305–2315 MHz and 2350–2360 MHz bands: By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337 MHz; By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 +$

10 log (P) dB below 2288 MHz; By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

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 $116 \log_{10}(f/6.1)$ 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) in watts by at least $43 + 10 \log_{10}(P)$ 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 37.5 kHz.

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

A.6.2 Measurement result

Only the worst case result is given below

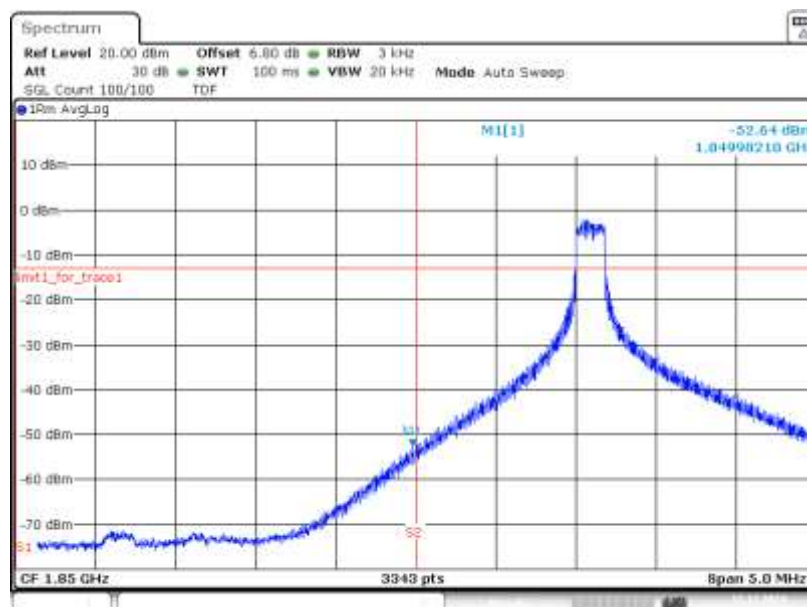
Measurement Results from UT10a:

LTE band 2@CA 2A-4A

OBW: 1RB-LOW_offset



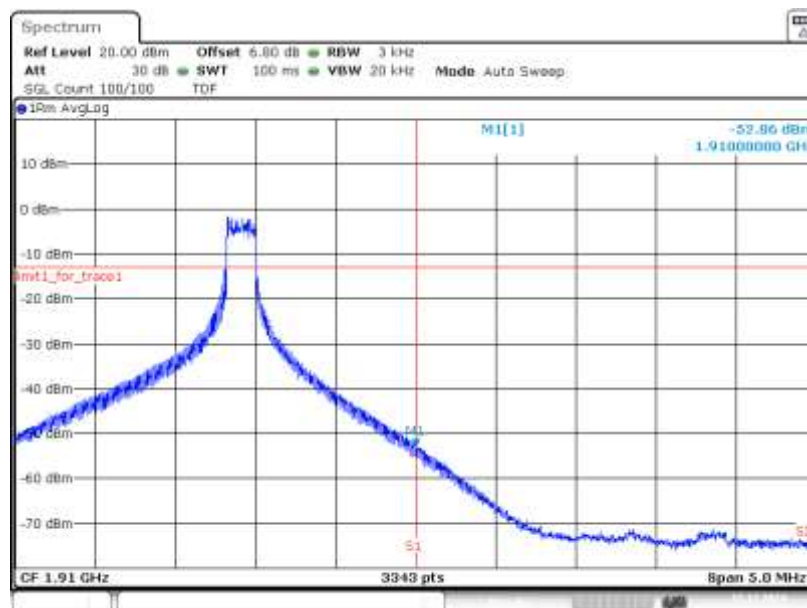
LOW BAND EDGE BLOCK-1RB-LOW_offset



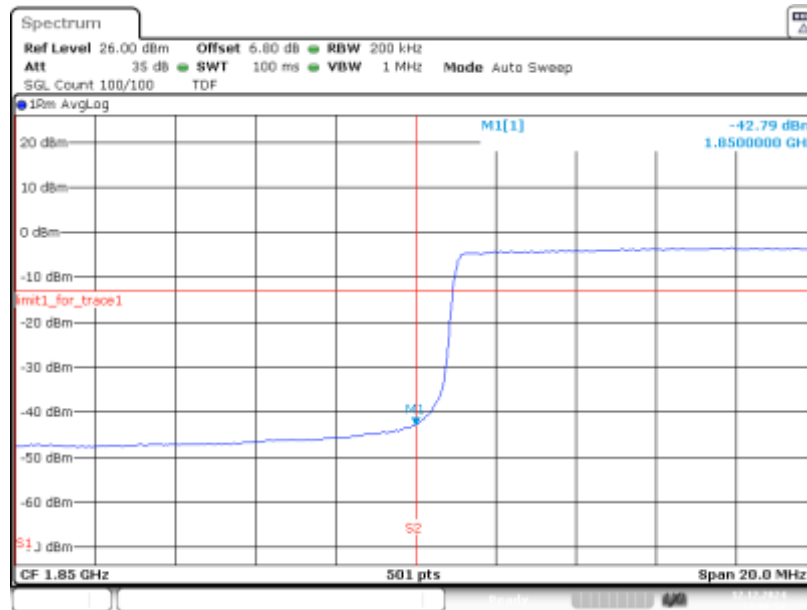
OBW: 1RB-HIGH_offset



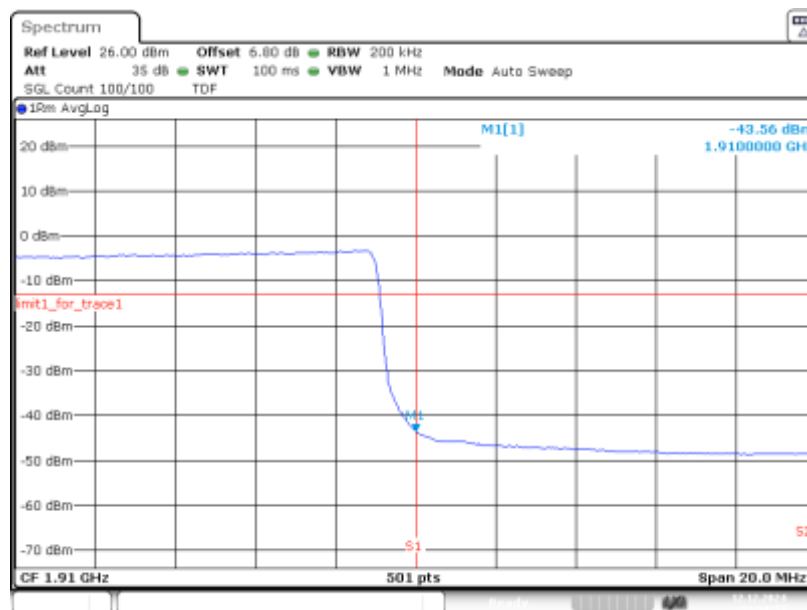
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

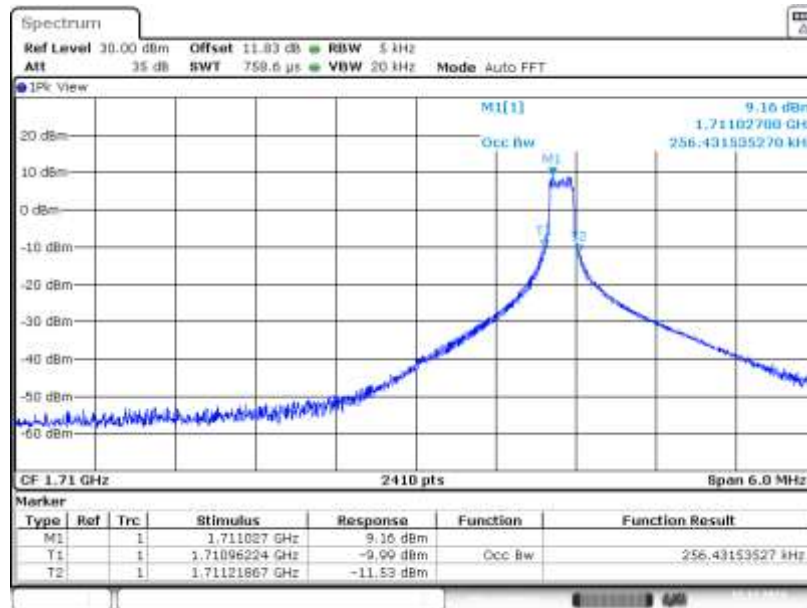


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

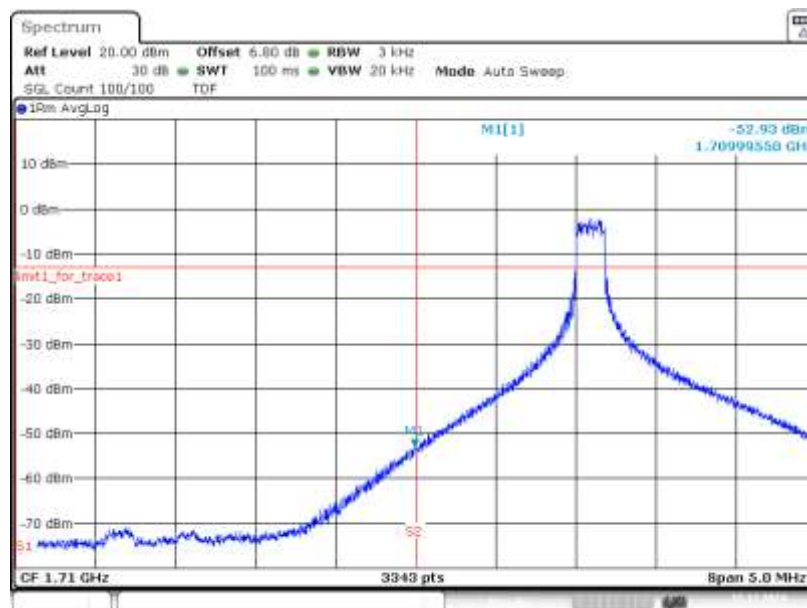


LTE band 4@CA 2A-4A

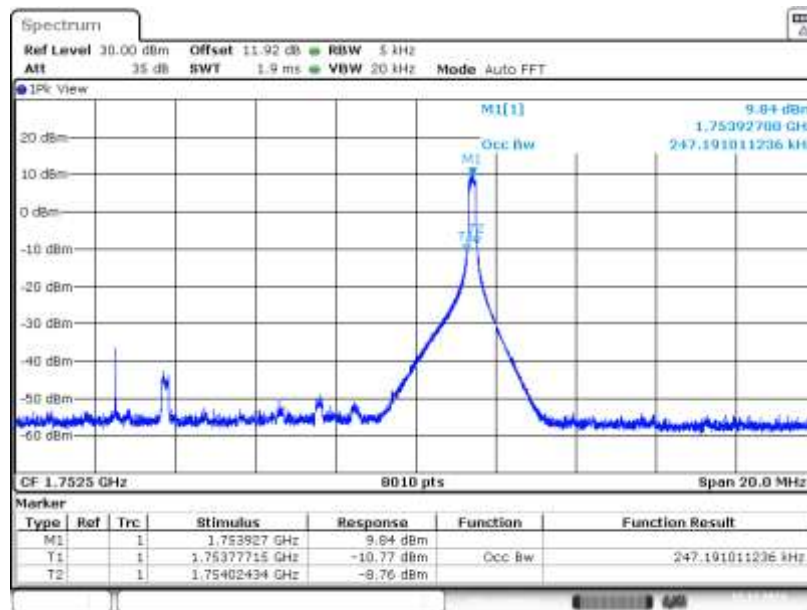
OBW: 1RB-LOW_offset



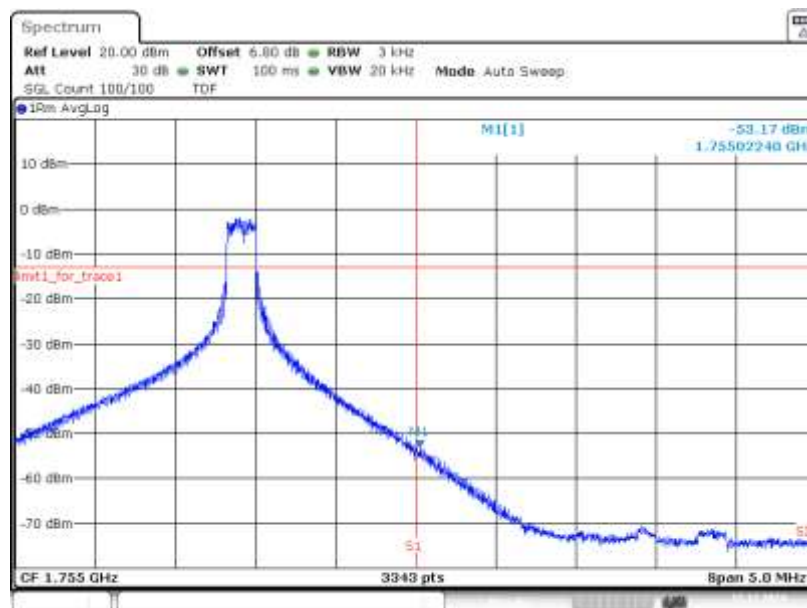
LOW BAND EDGE BLOCK-1RB-LOW_offset



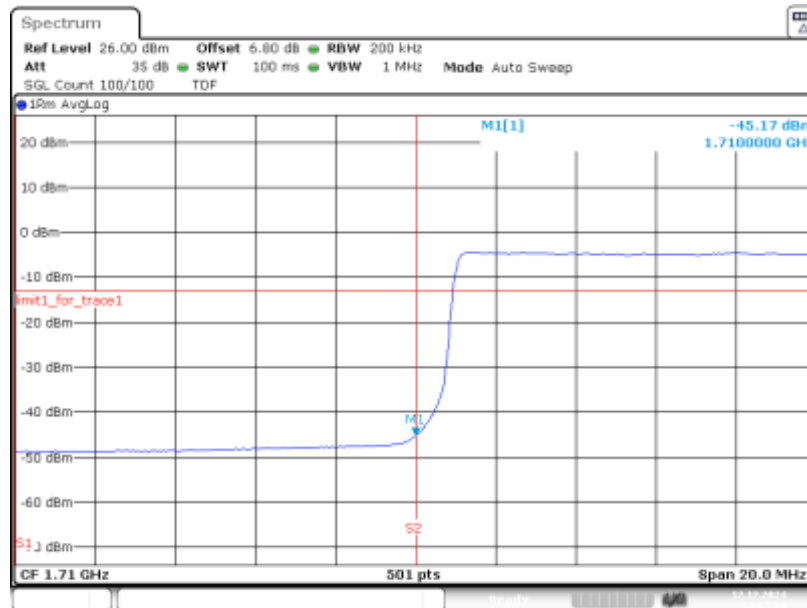
OBW: 1RB-HIGH_offset



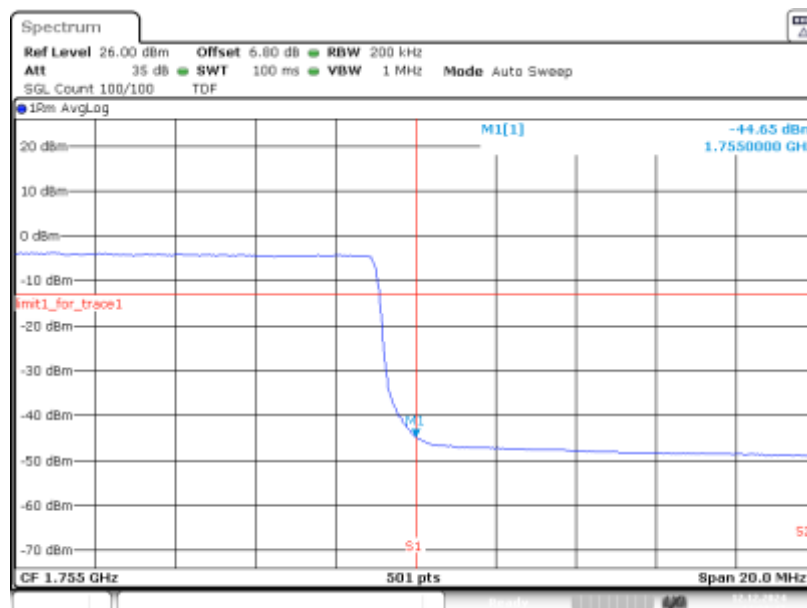
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

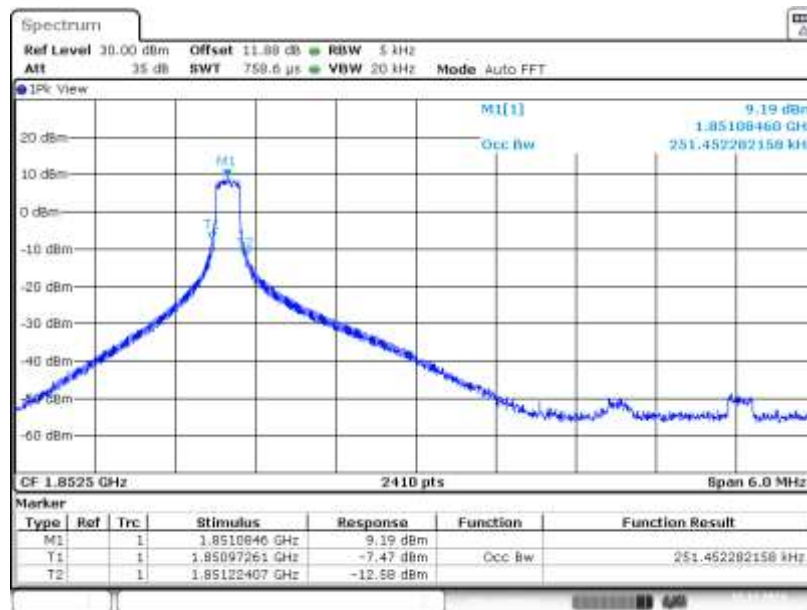


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

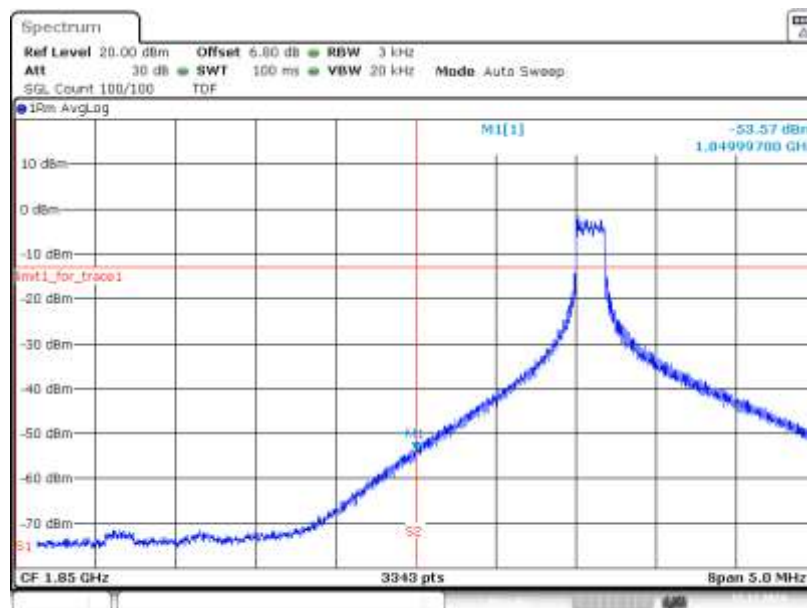


LTE band 2@CA 2A-66A

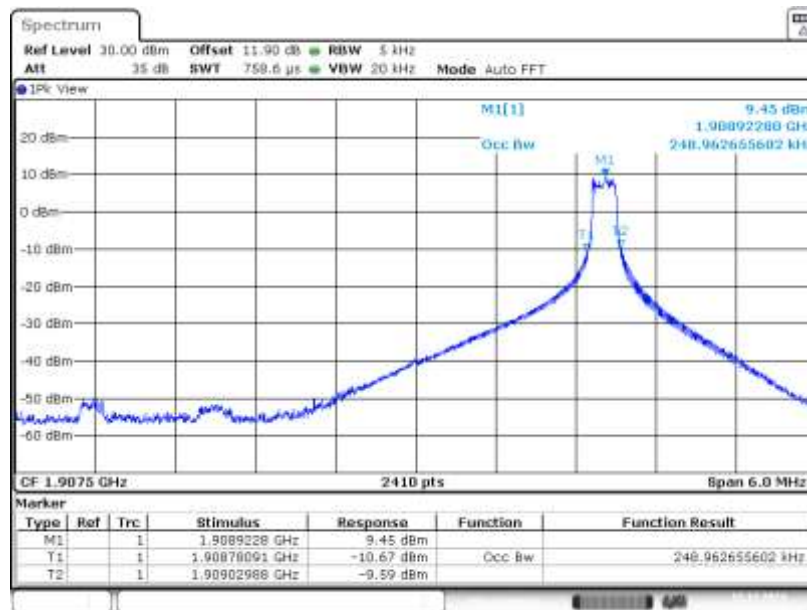
OBW: 1RB-LOW_offset



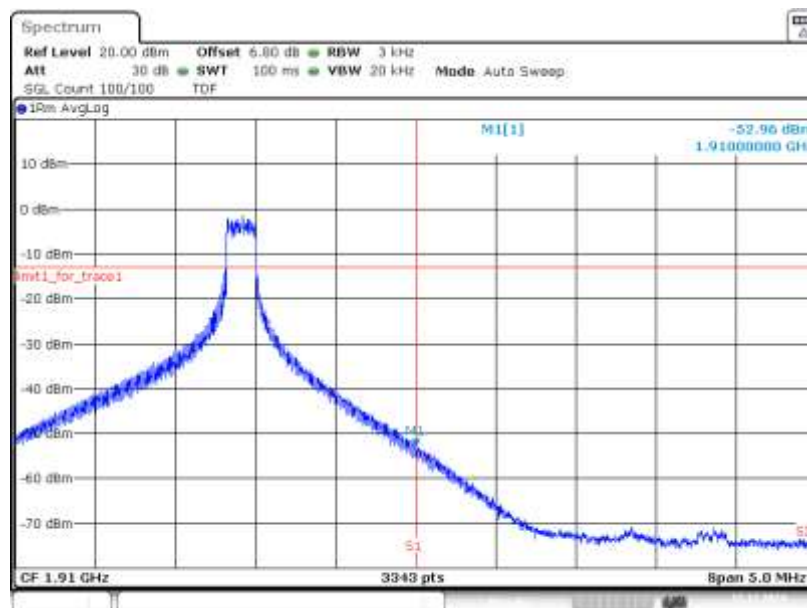
LOW BAND EDGE BLOCK-1RB-LOW_offset



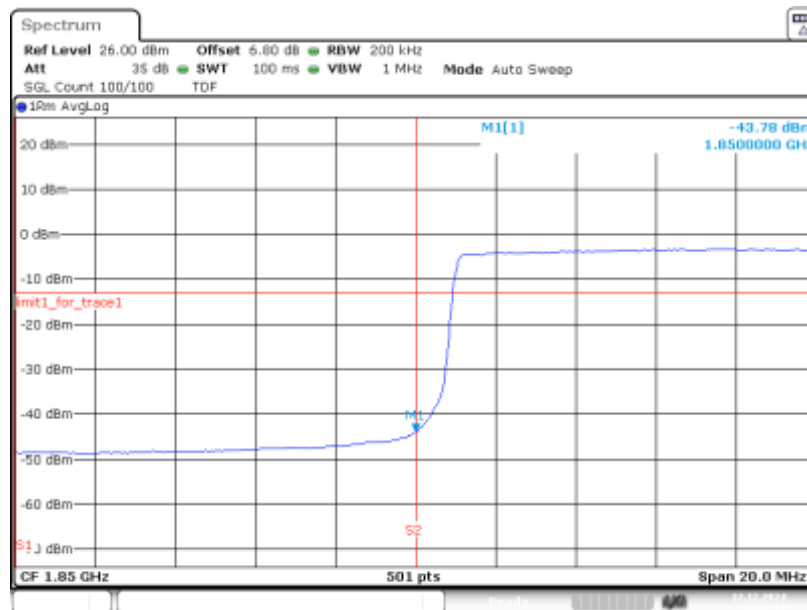
OBW: 1RB-HIGH_offset



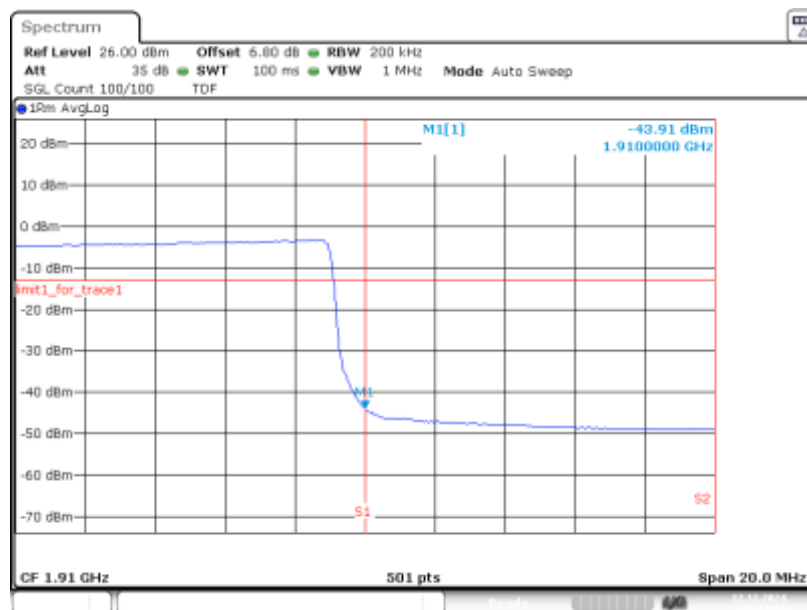
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

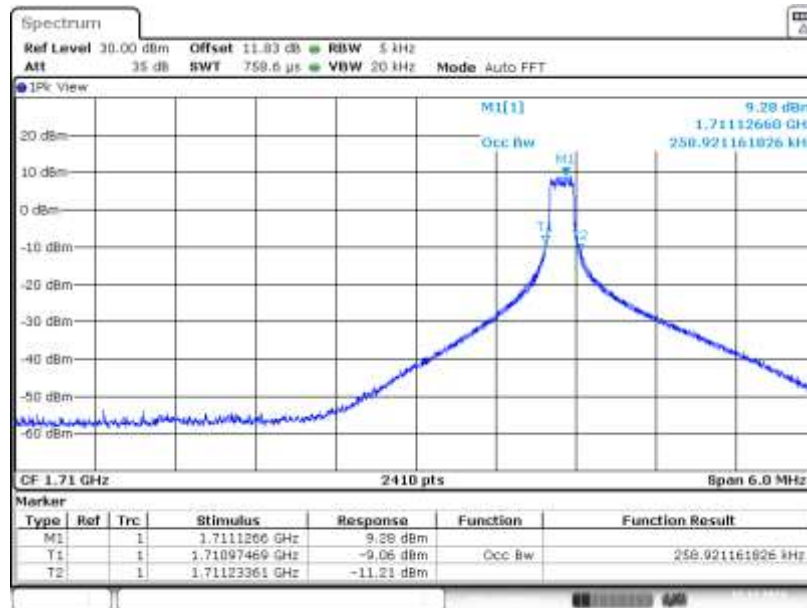


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

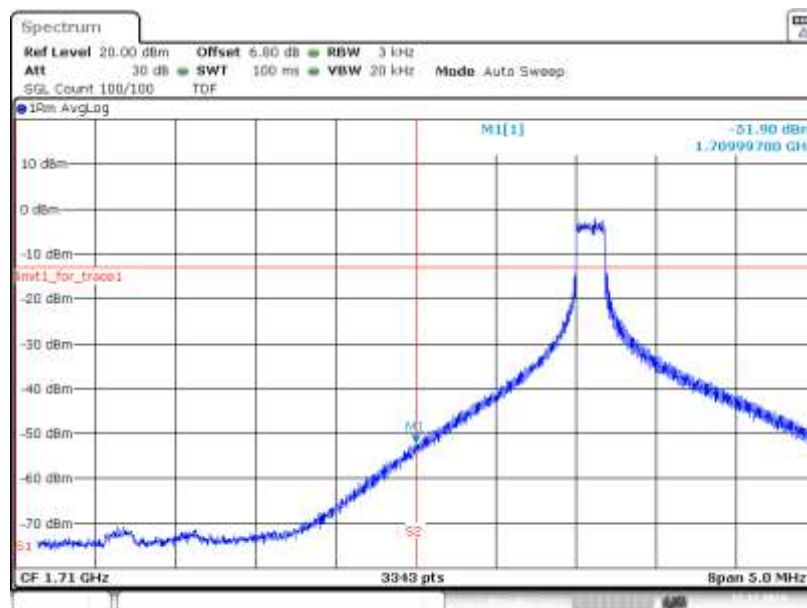


LTE band 66@CA 2A-66A

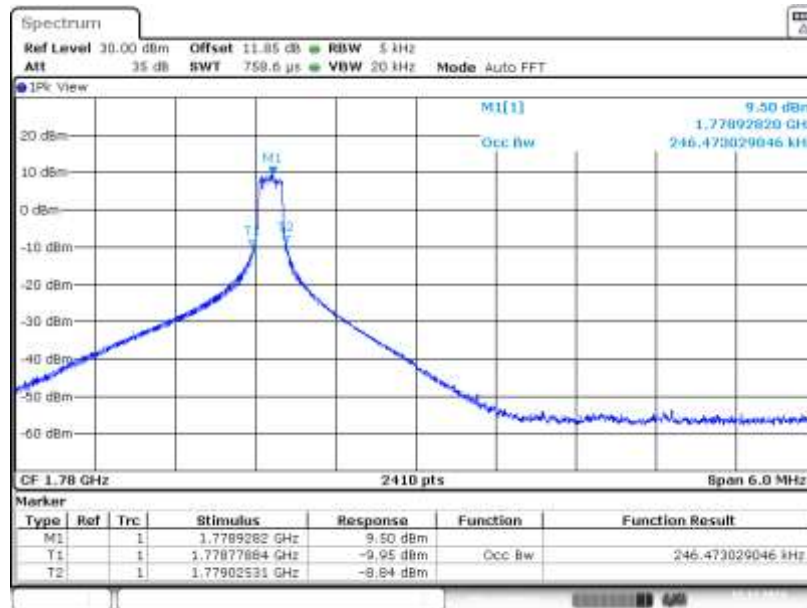
OBW: 1RB-LOW_offset



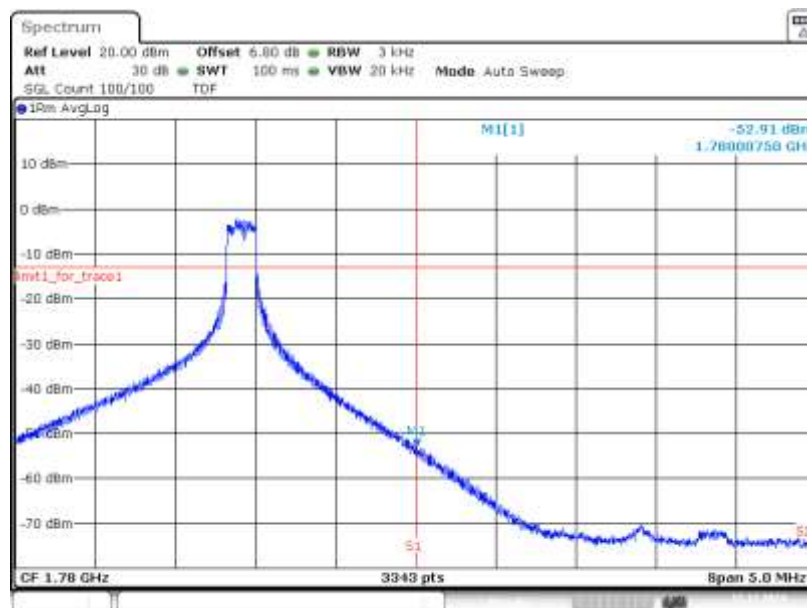
LOW BAND EDGE BLOCK-1RB-LOW_offset



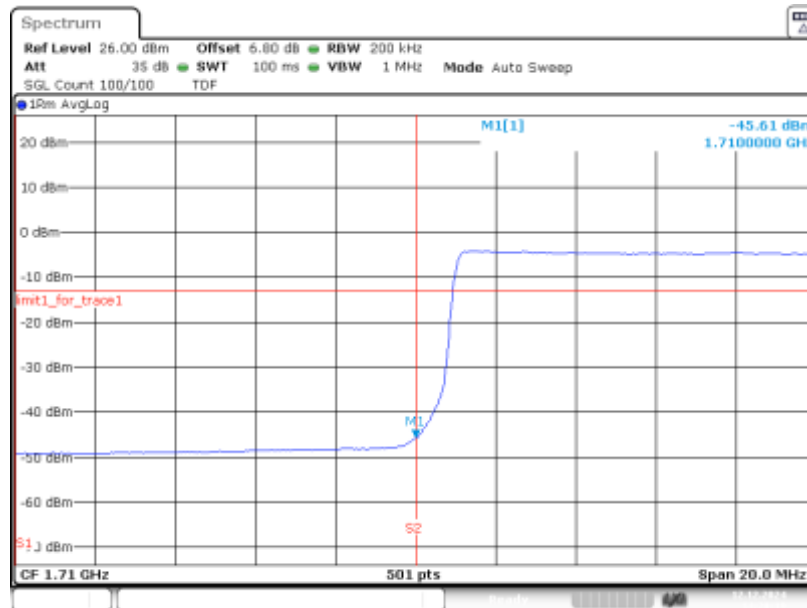
OBW: 1RB-HIGH_offset



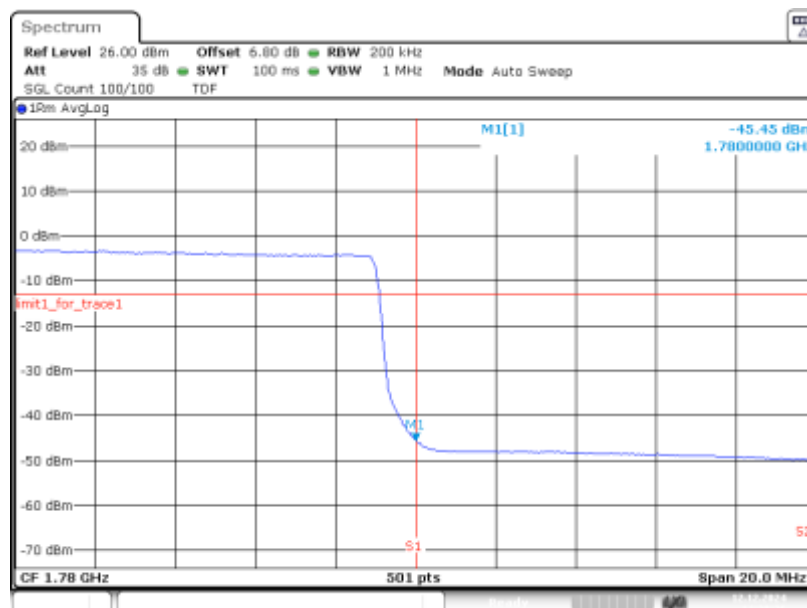
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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



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

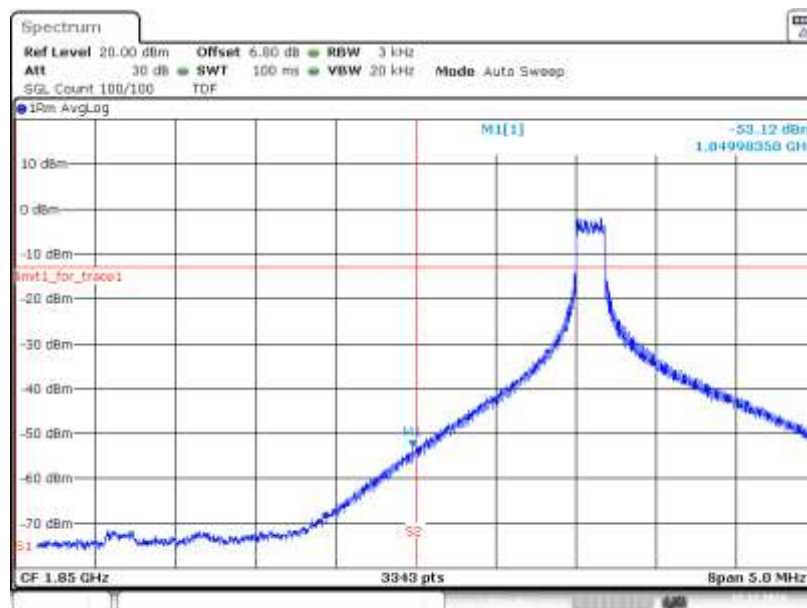


LTE band 2@CA 2A-71A

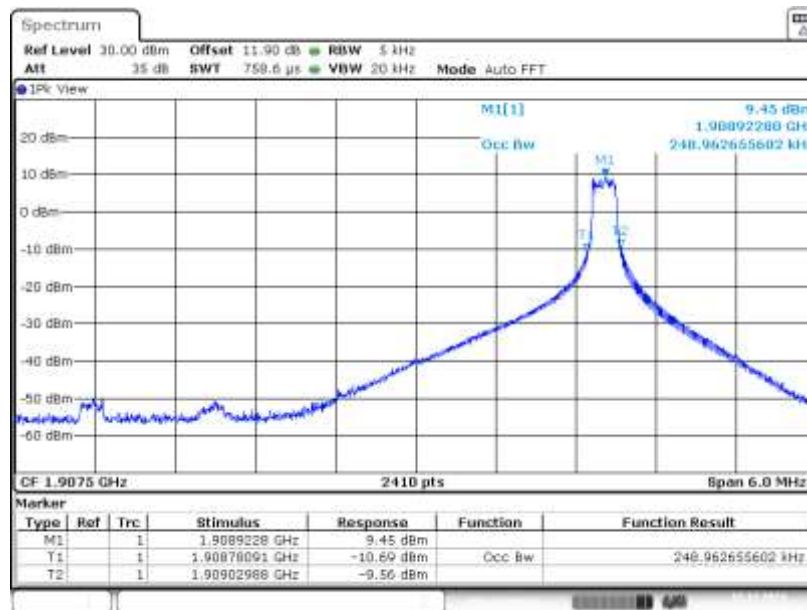
OBW: 1RB-LOW_offset



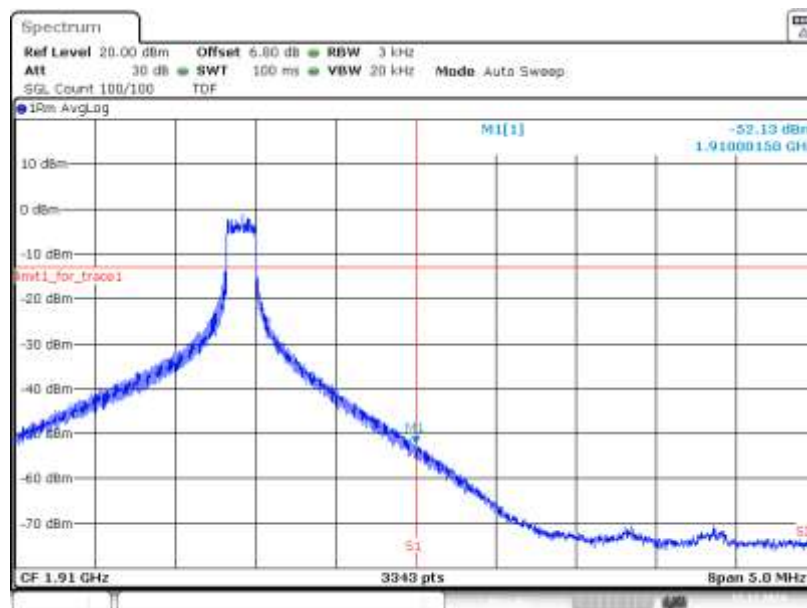
LOW BAND EDGE BLOCK-1RB-LOW_offset



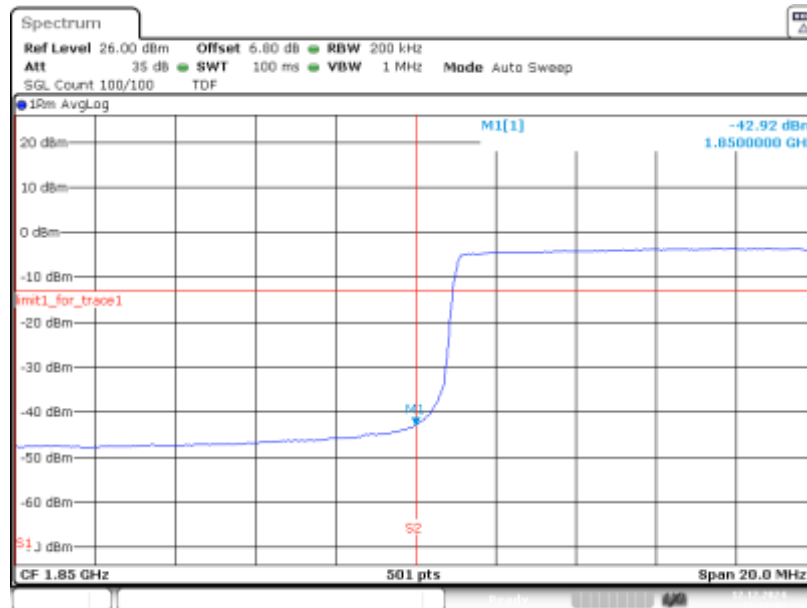
OBW: 1RB-HIGH_offset



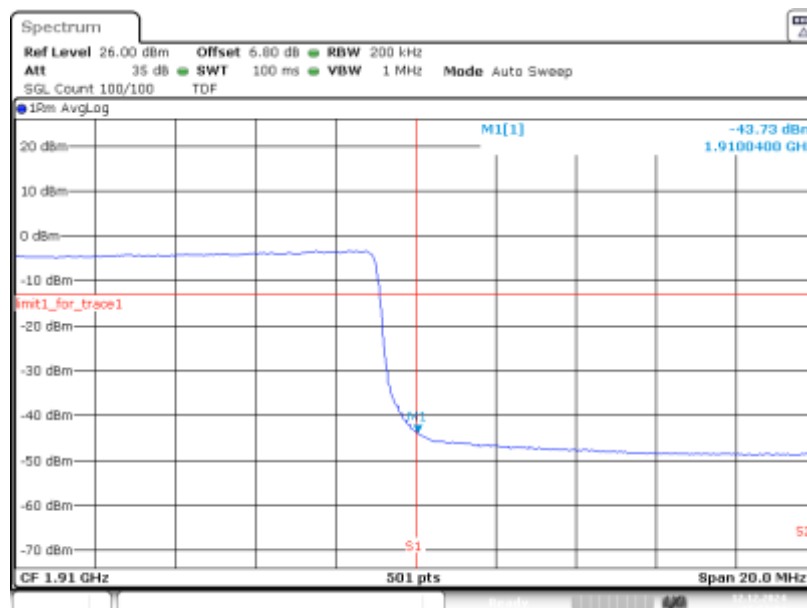
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

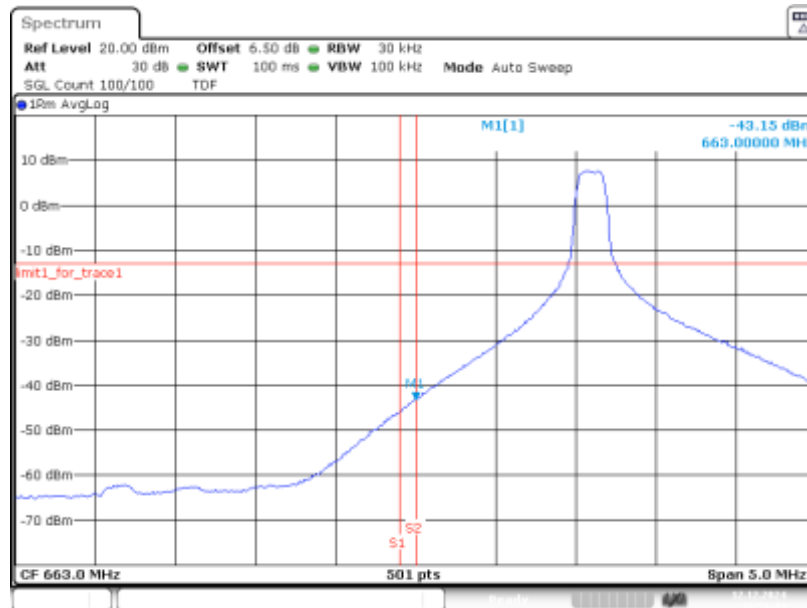


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

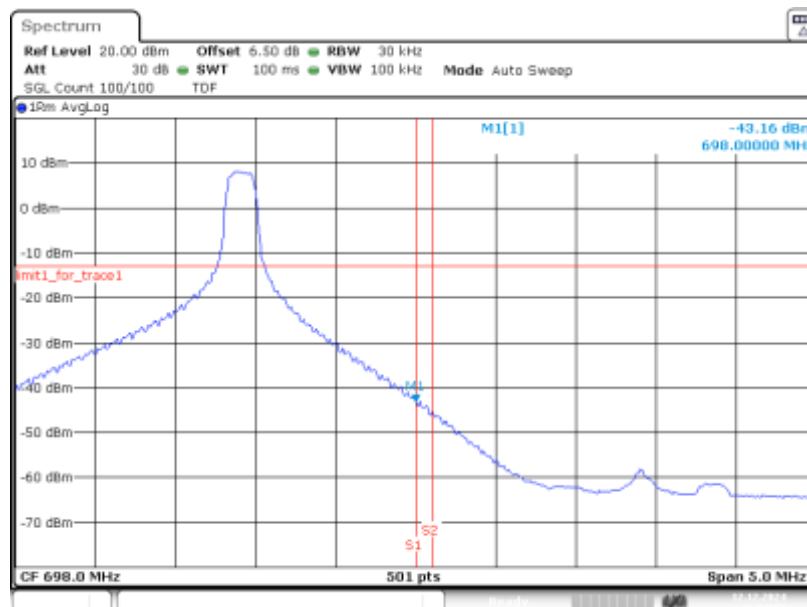


LTE band 71@CA 2A-71A

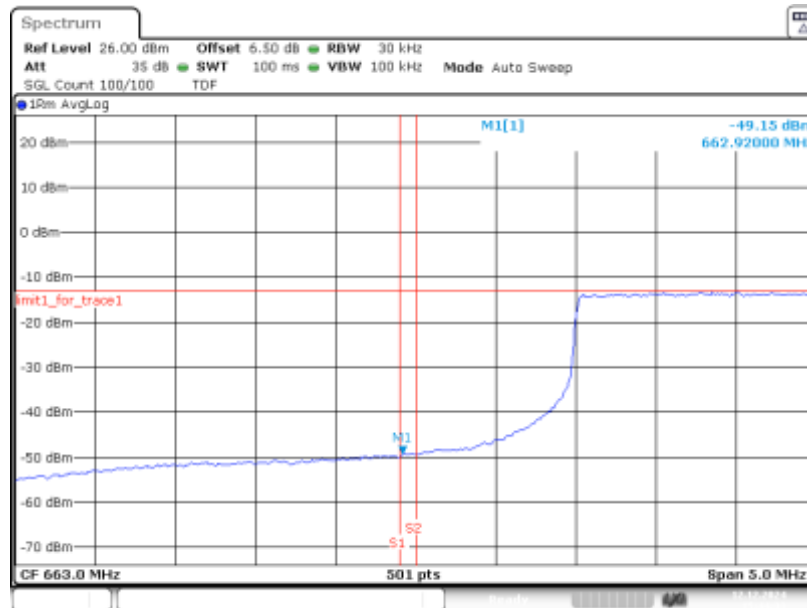
LOW BAND EDGE BLOCK-1RB-LOW_offset



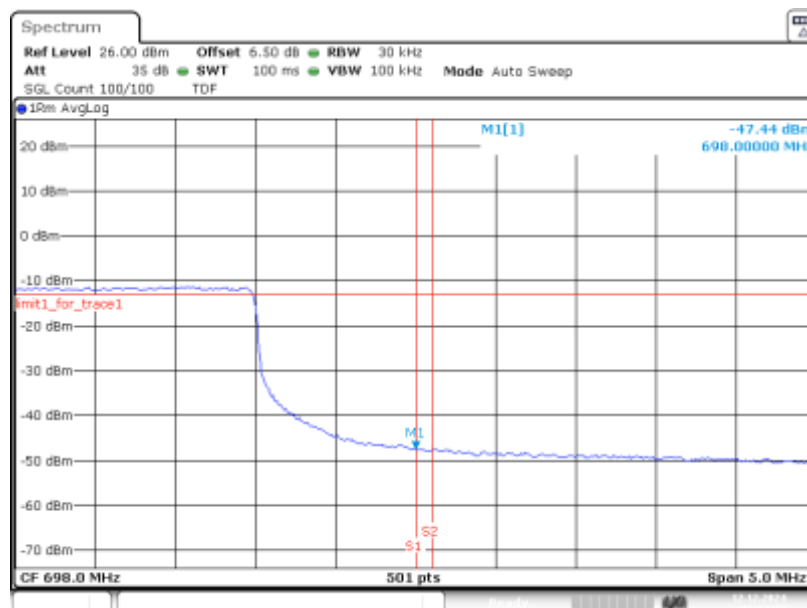
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

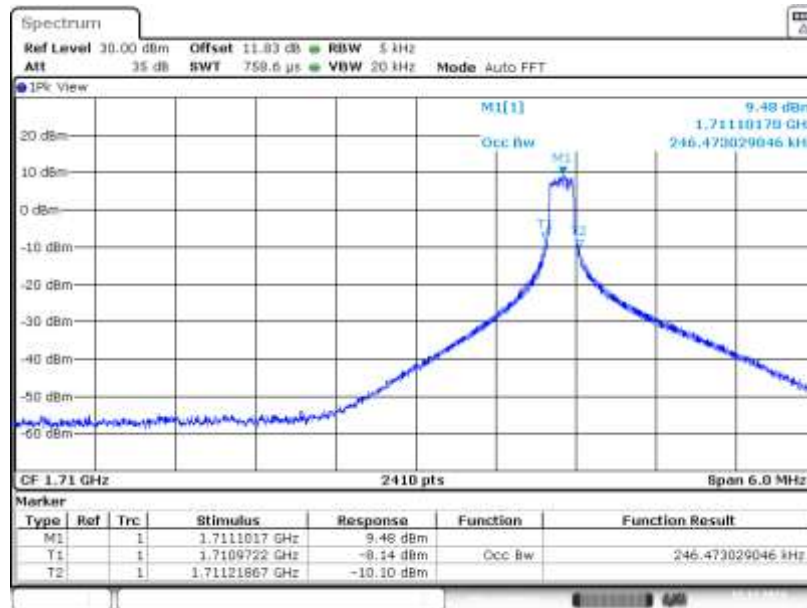


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

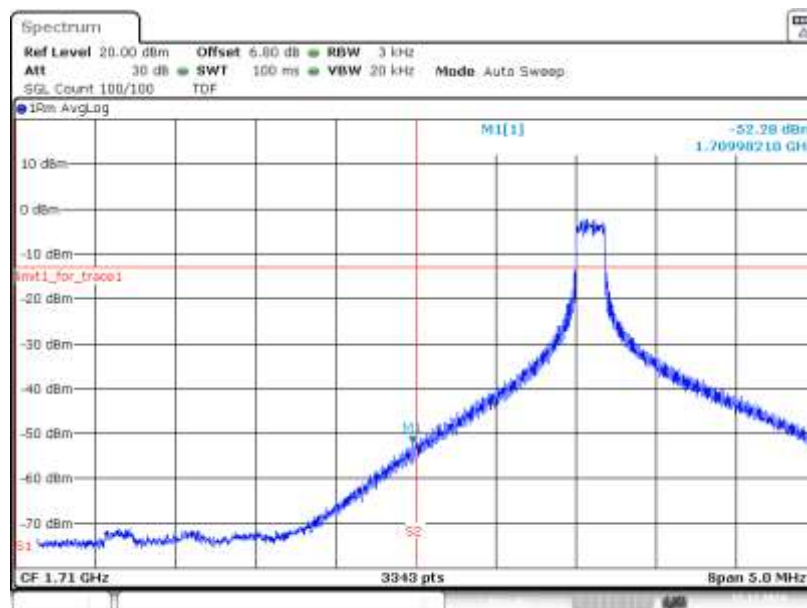


LTE band 4@CA 4A-5A

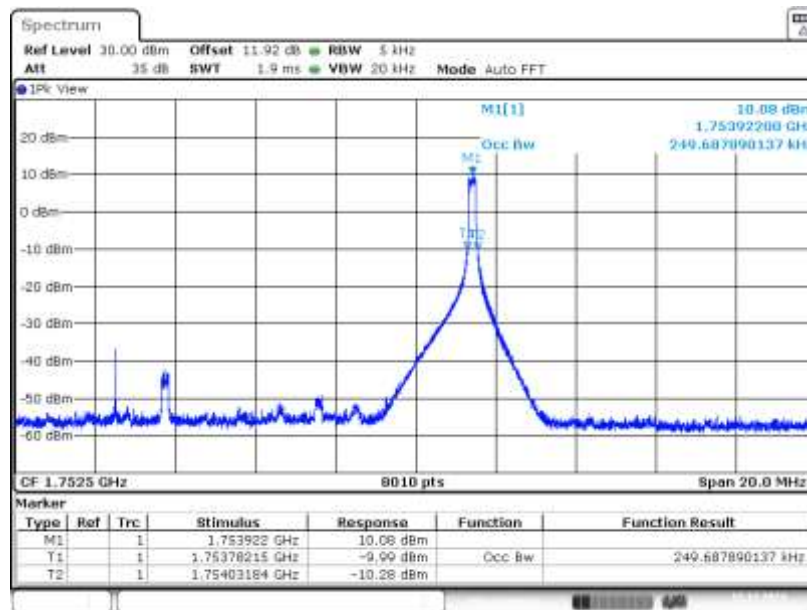
OBW: 1RB-LOW_offset



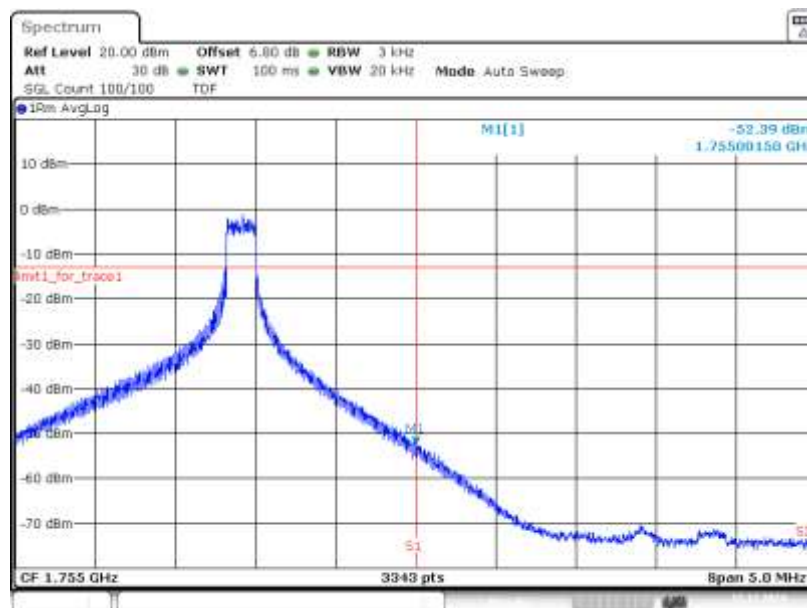
LOW BAND EDGE BLOCK-1RB-LOW_offset



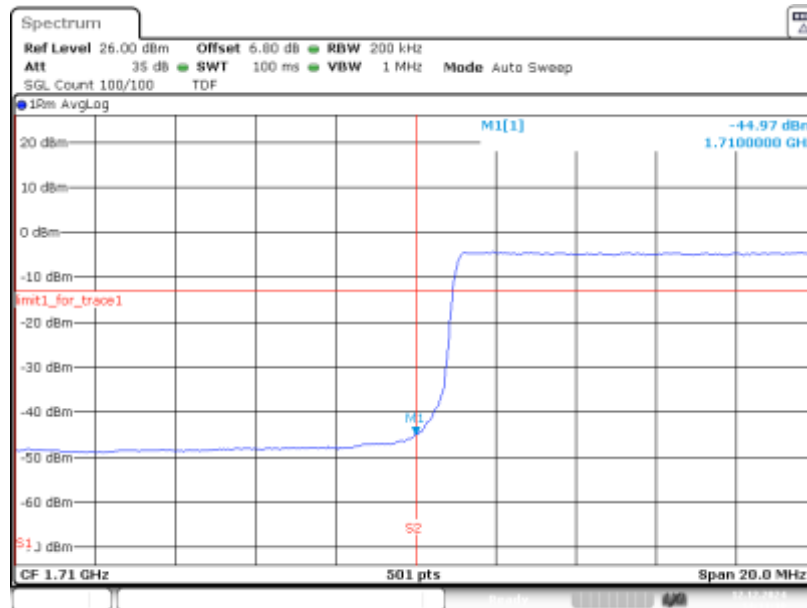
OBW: 1RB-HIGH_offset



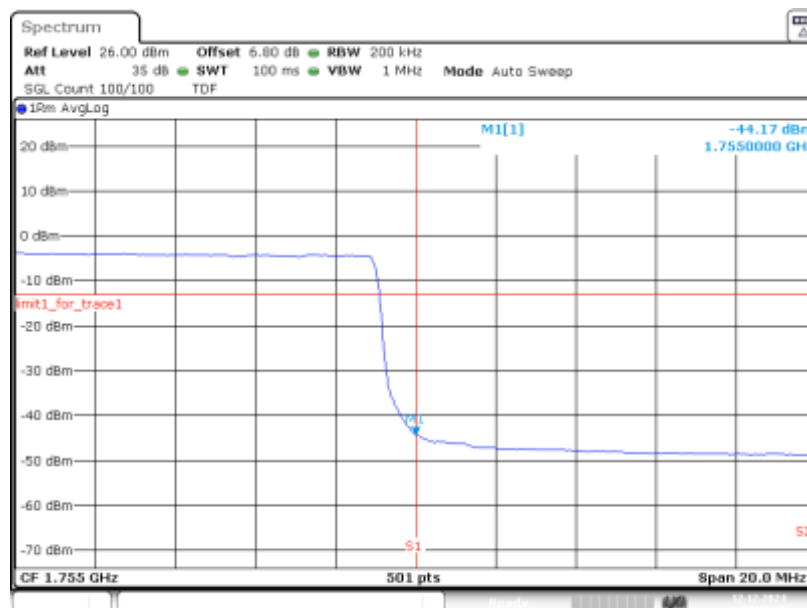
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB

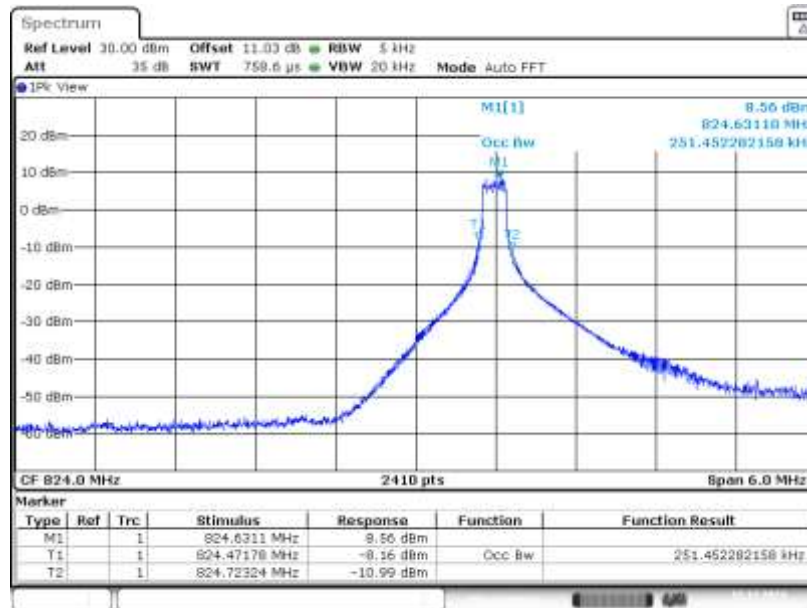


HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB

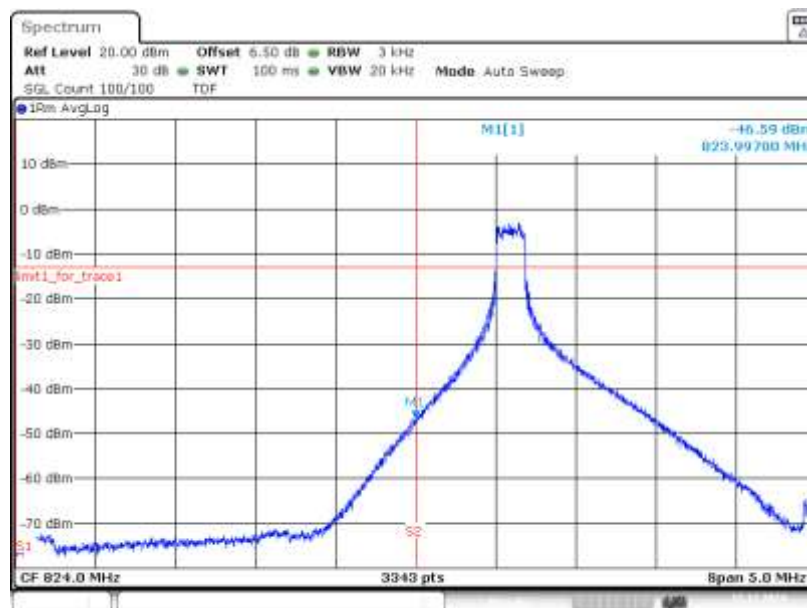


LTE band 5@CA 4A-5A

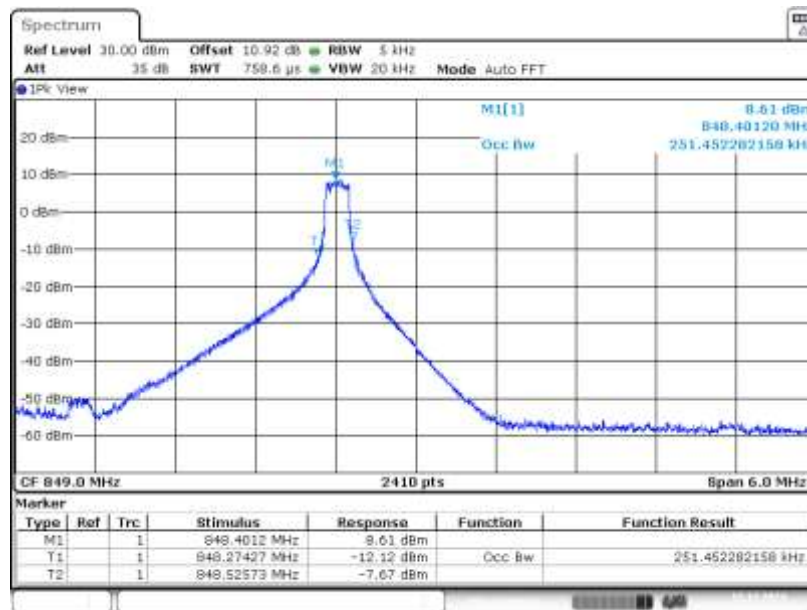
OBW: 1RB-LOW_offset



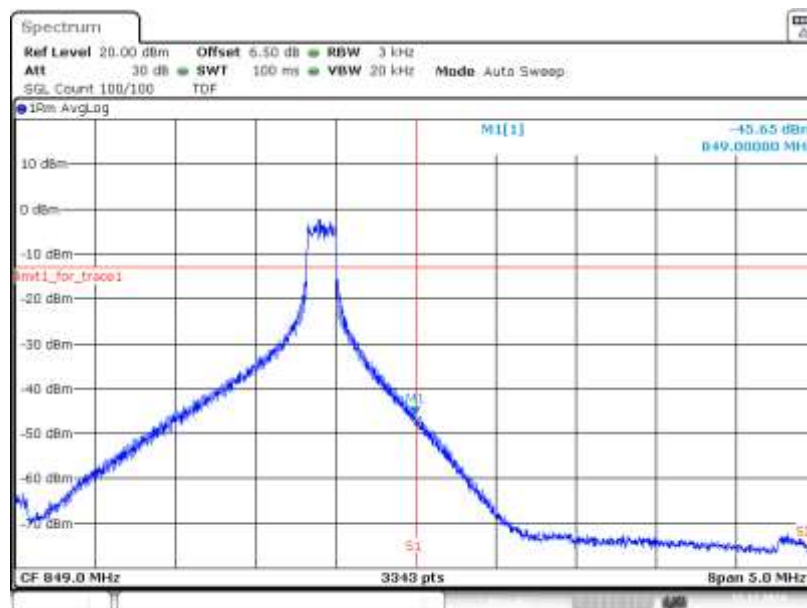
LOW BAND EDGE BLOCK-1RB-LOW_offset



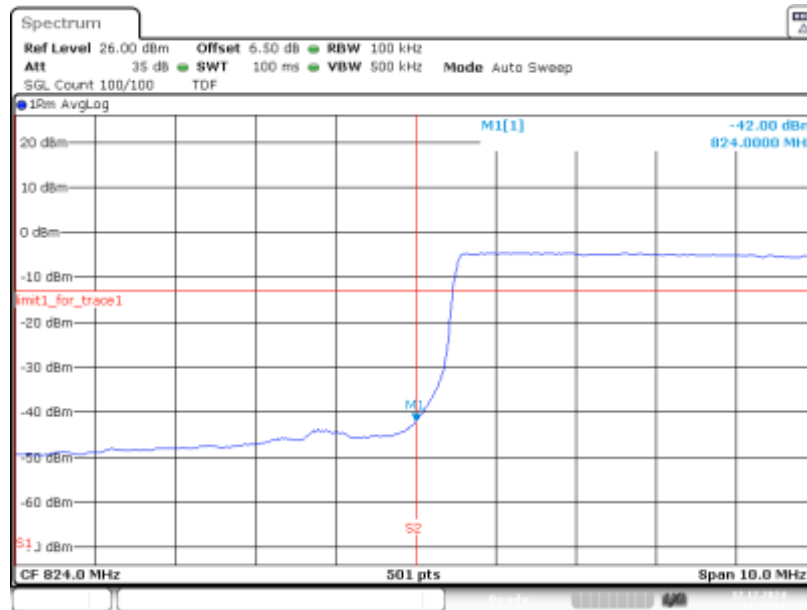
OBW: 1RB-HIGH_offset



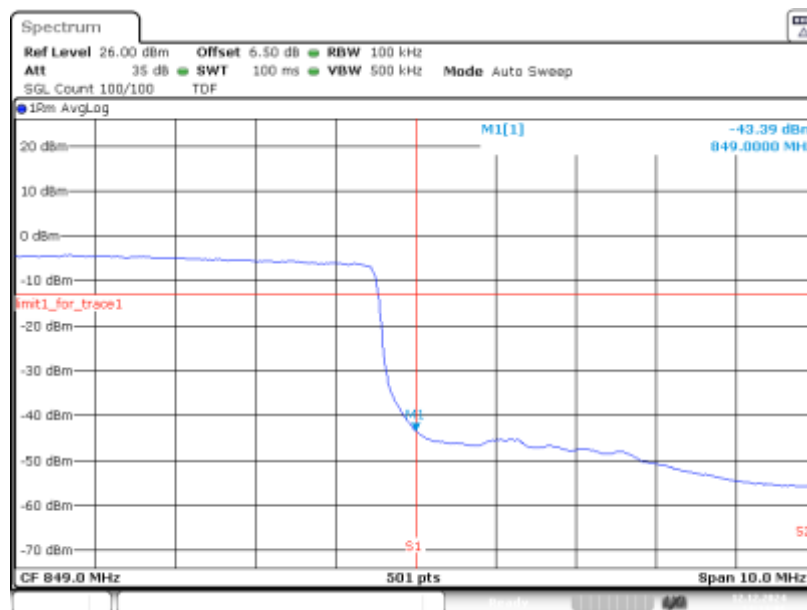
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



LOW BAND EDGE BLOCK-20MHz+10MHz-100%RB

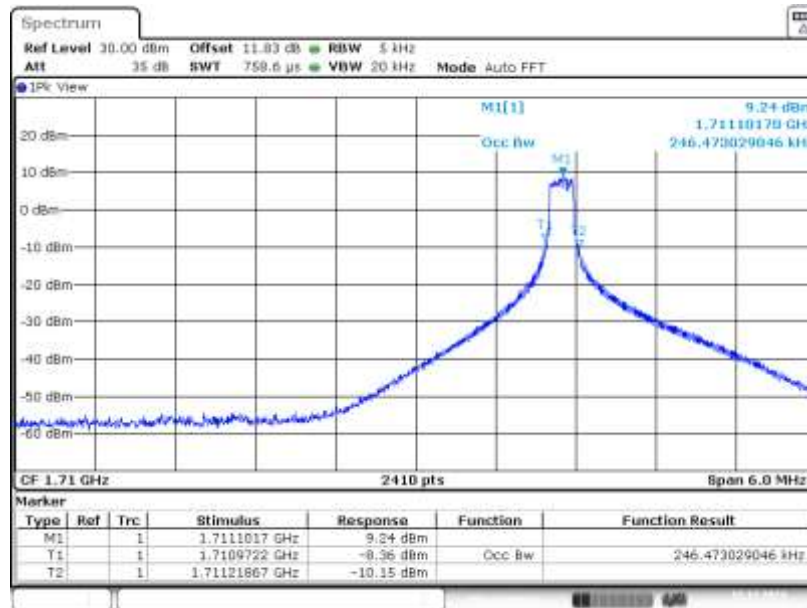


HIGH BAND EDGE BLOCK-20MHz+10MHz-100%RB

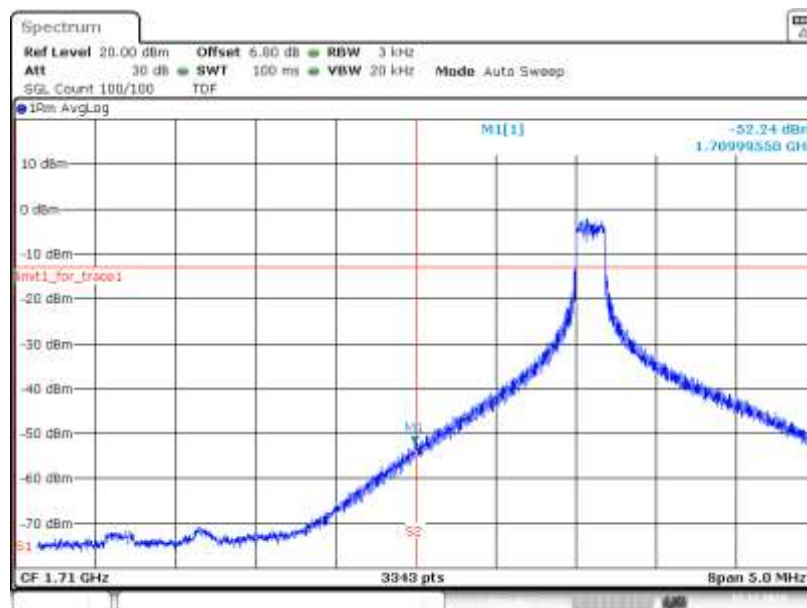


LTE band 4@CA 4A-7A

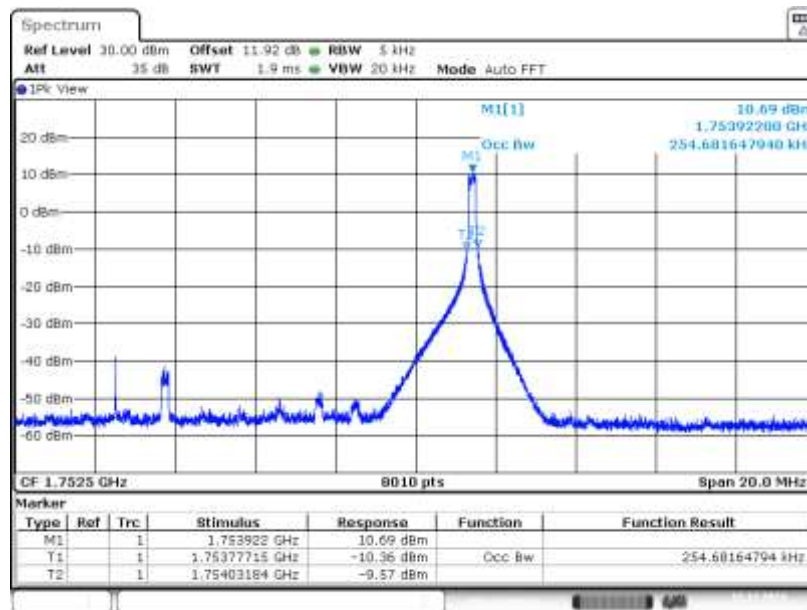
OBW: 1RB-LOW_offset



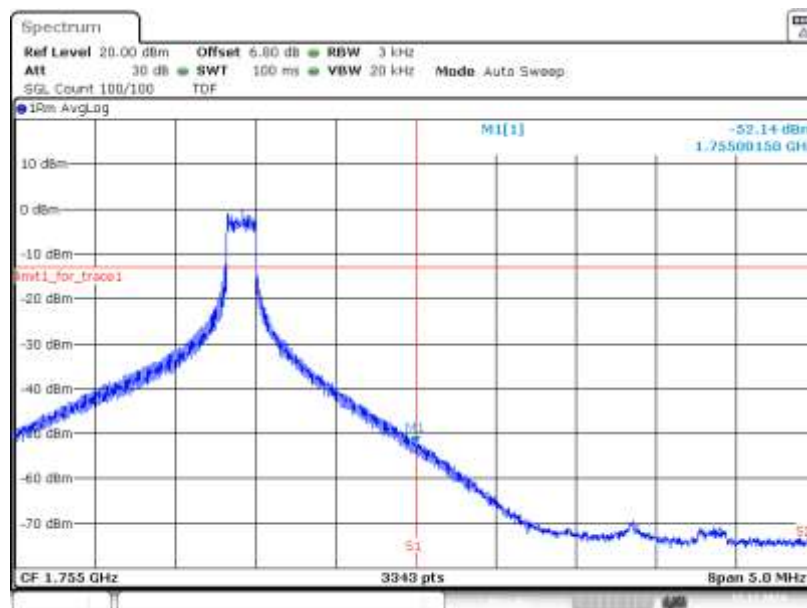
LOW BAND EDGE BLOCK-1RB-LOW_offset



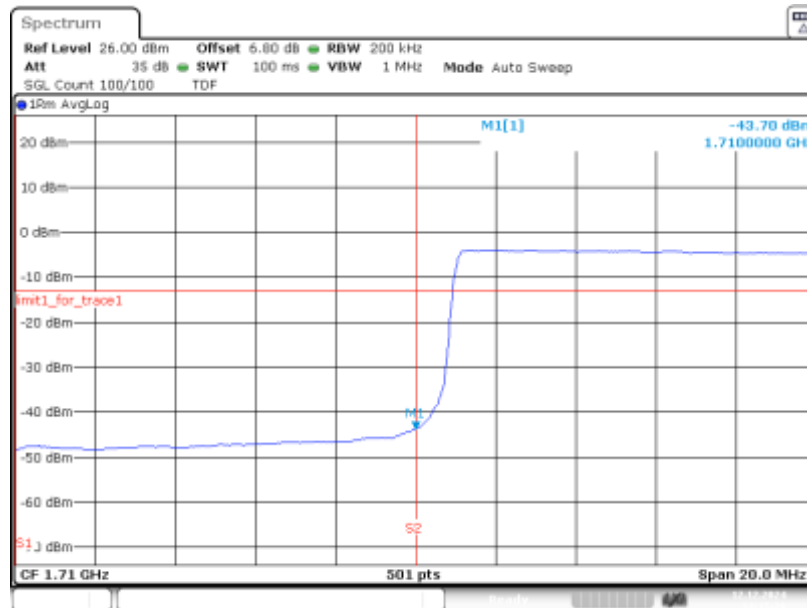
OBW: 1RB-HIGH_offset



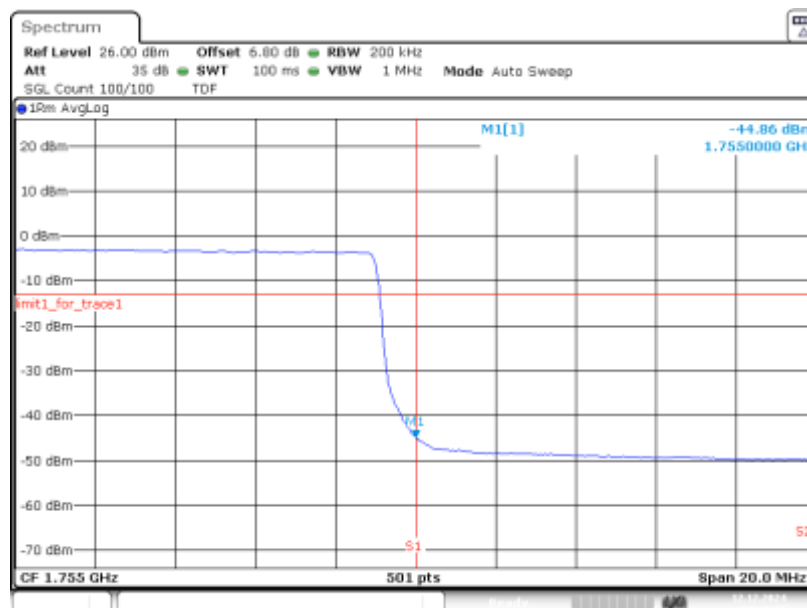
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

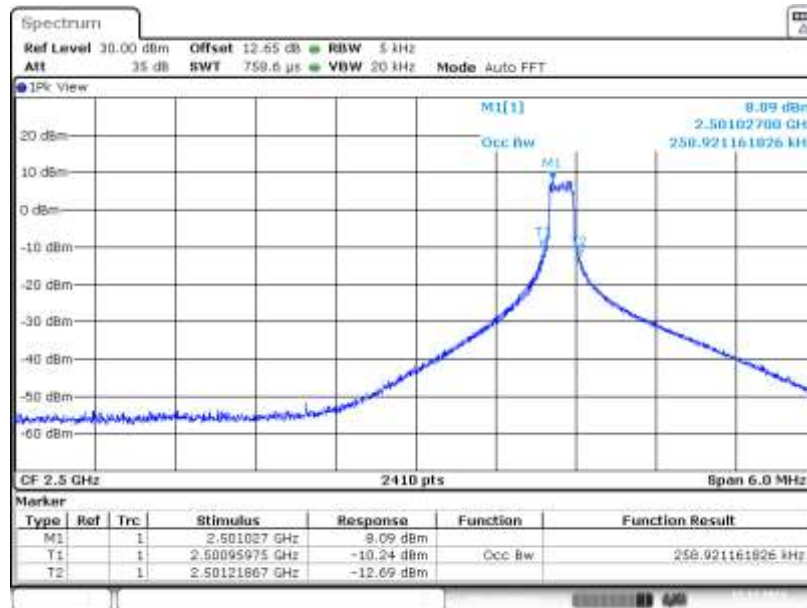


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

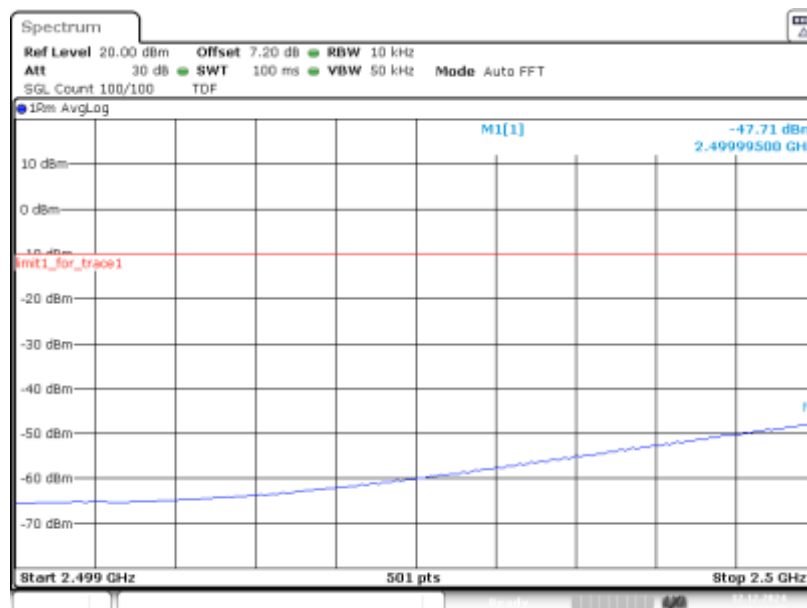


LTE band 7@CA 4A-7A

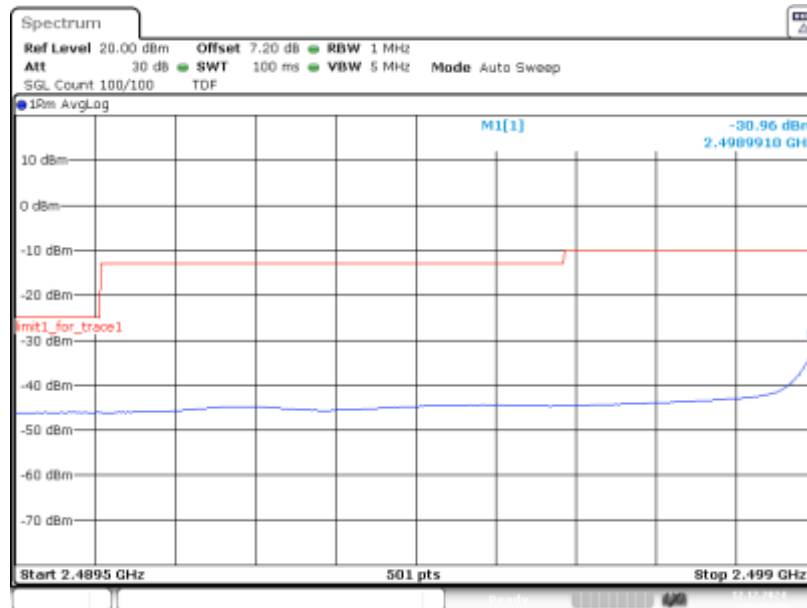
OBW: 1RB-LOW_offset



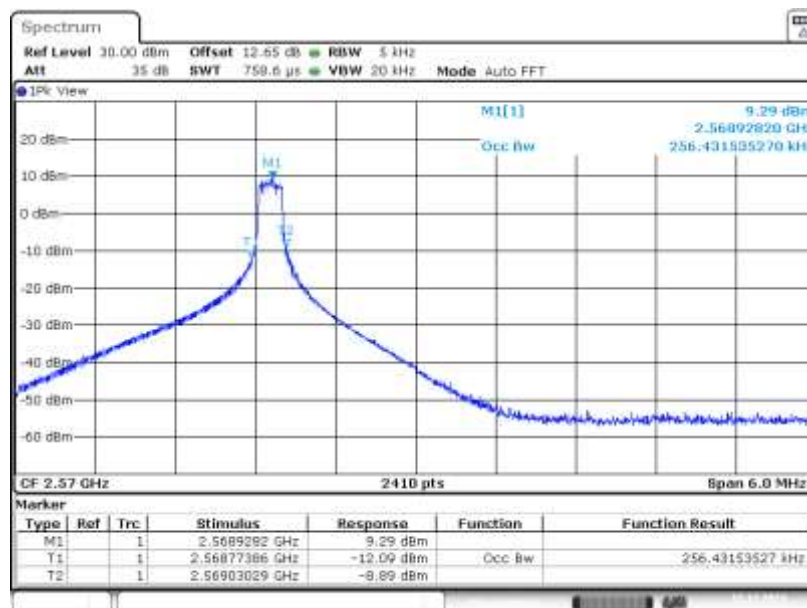
LOW BAND EDGE BLOCK-1RB-LOW_offset



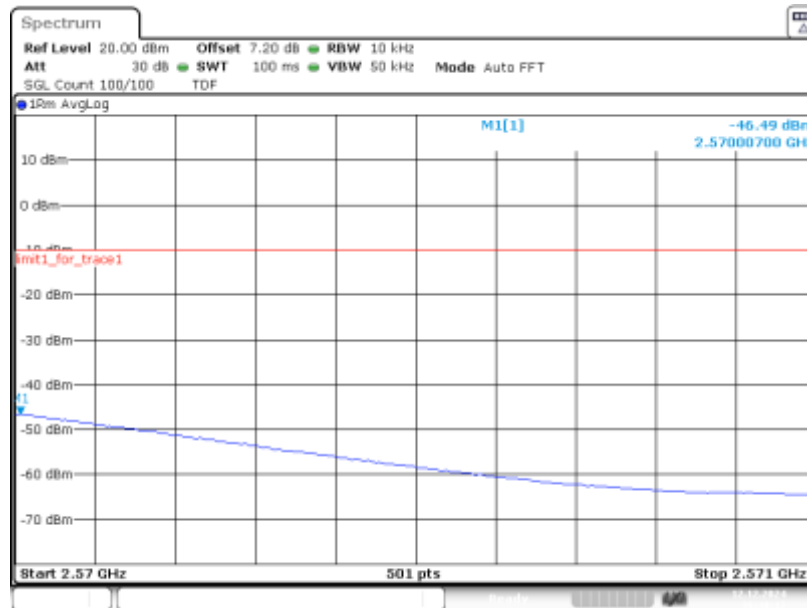
LOW BAND EDGE BLOCK-1RB-LOW_offset



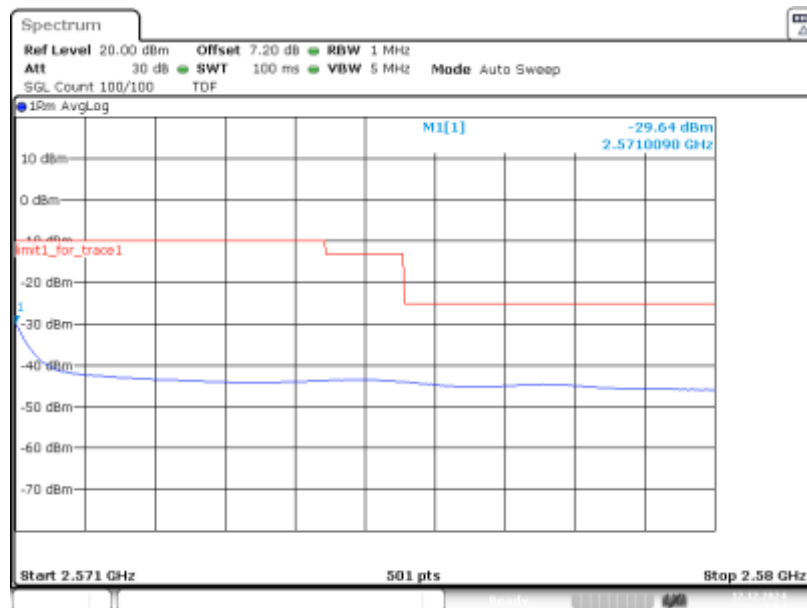
OBW: 1RB-HIGH_offset



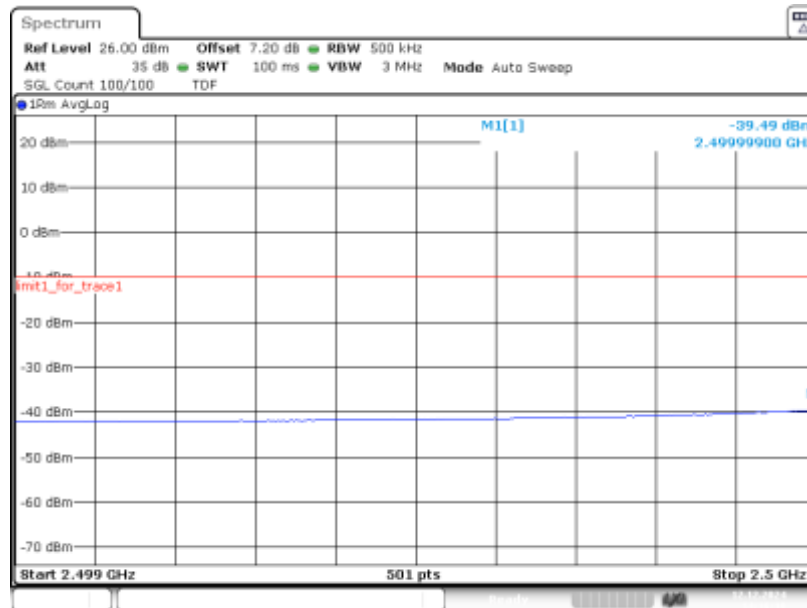
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



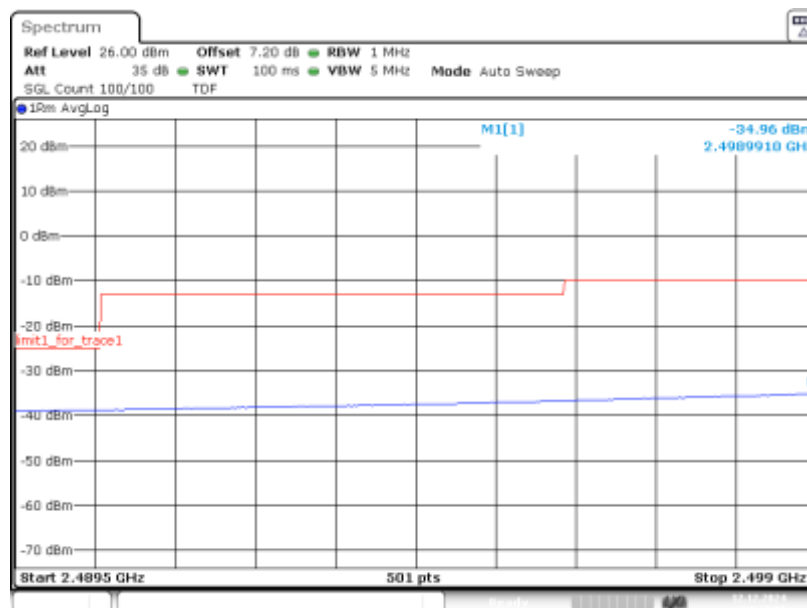
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



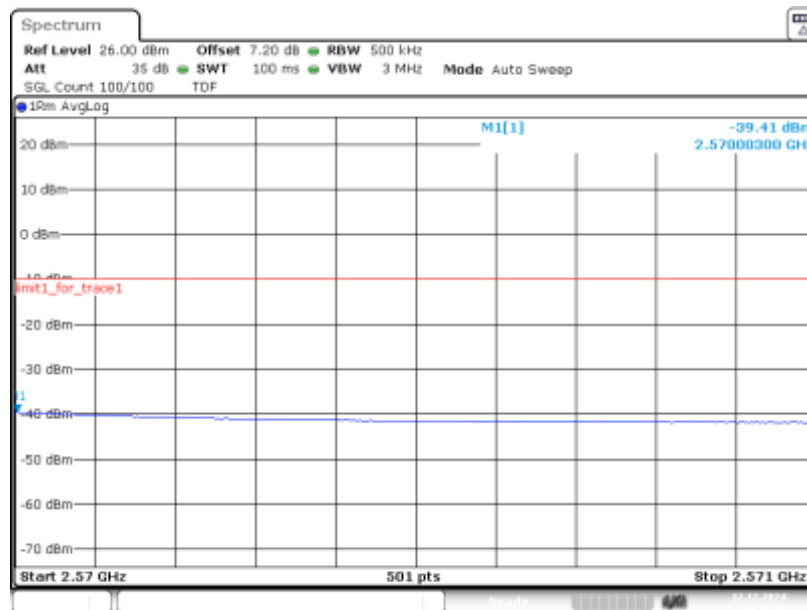
LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



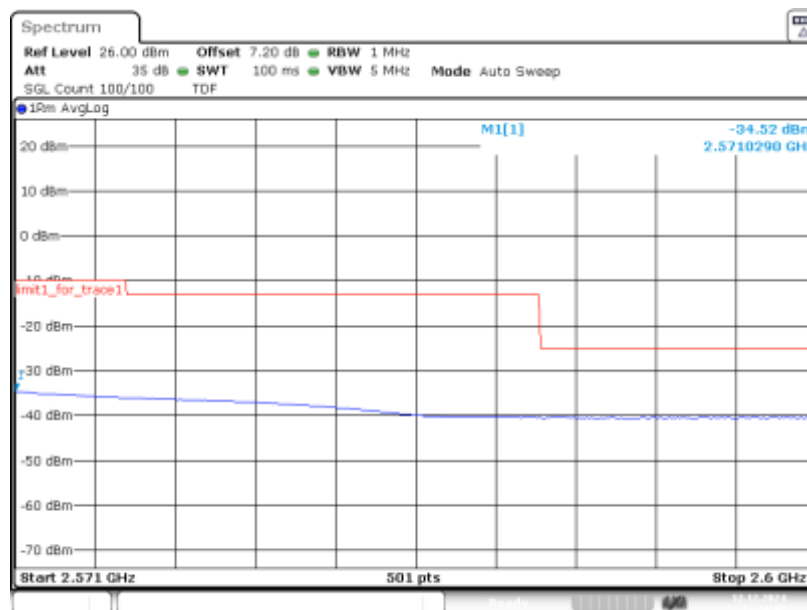
LOW BAND EDGE BLOCK-20MHz+20MHz-100%RB



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

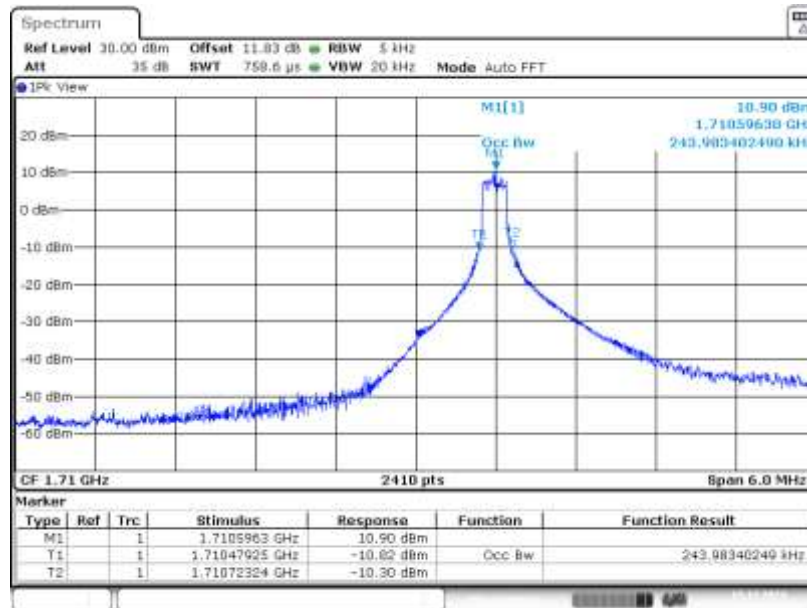


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

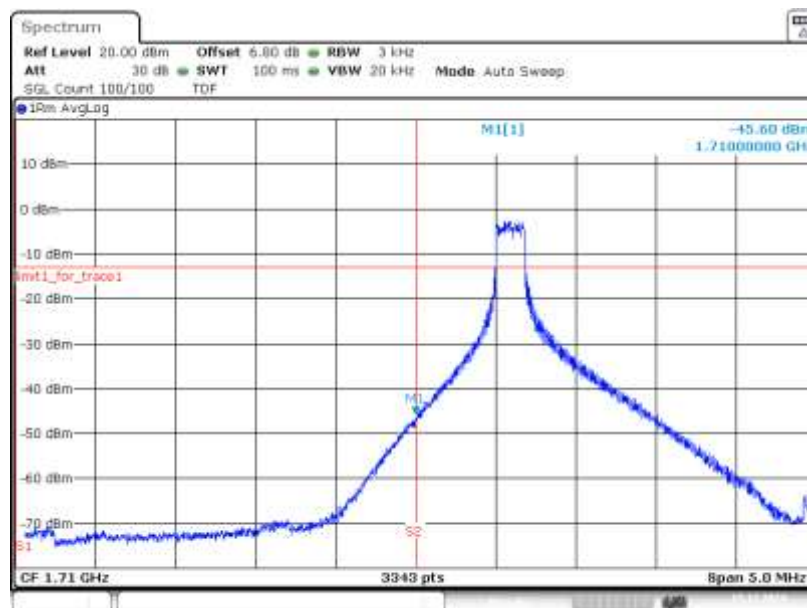


LTE band 4@CA 4A-17A

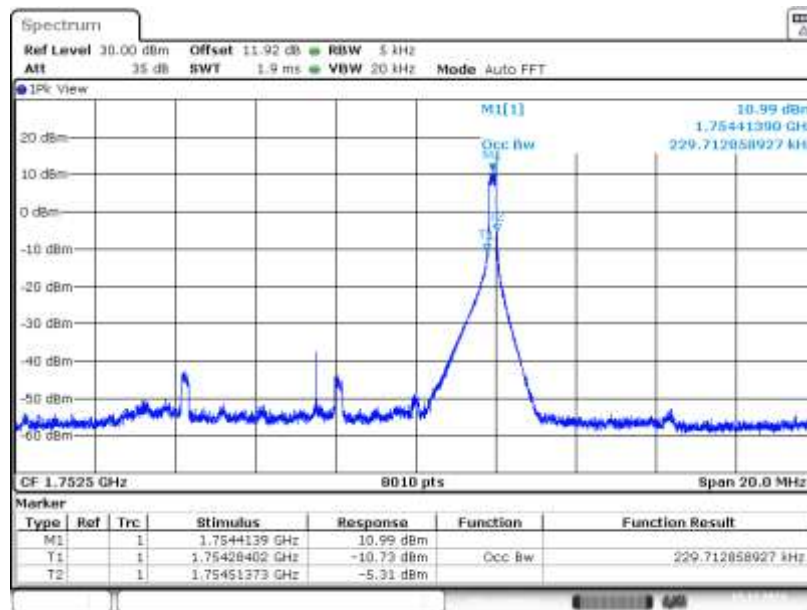
OBW: 1RB-LOW_offset



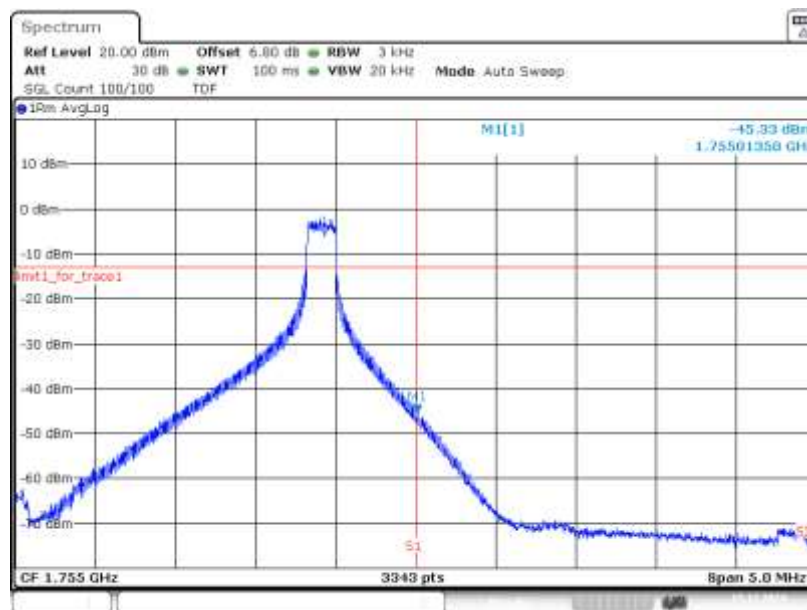
LOW BAND EDGE BLOCK-1RB-LOW_offset



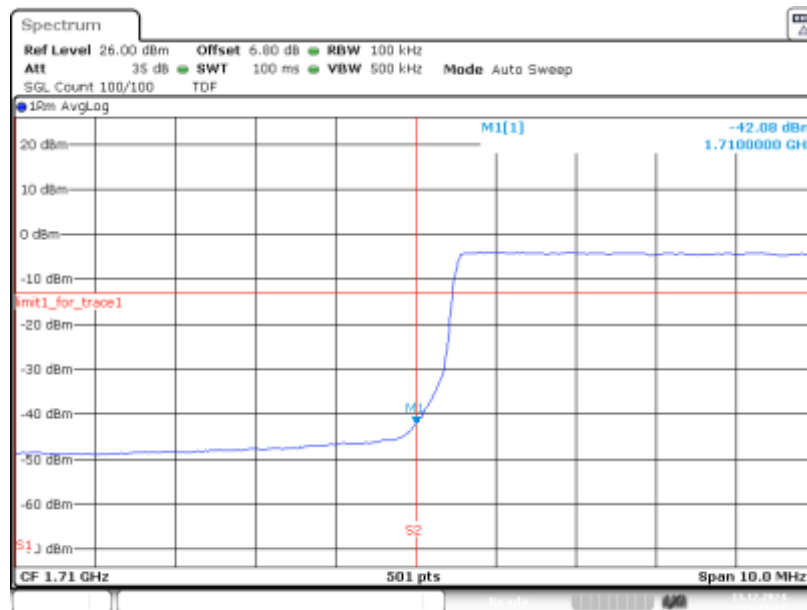
OBW: 1RB-HIGH_offset



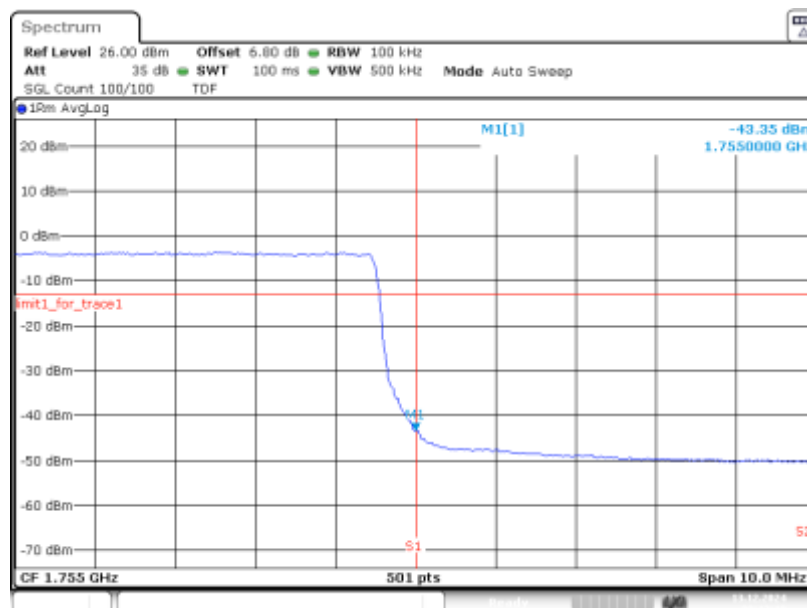
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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



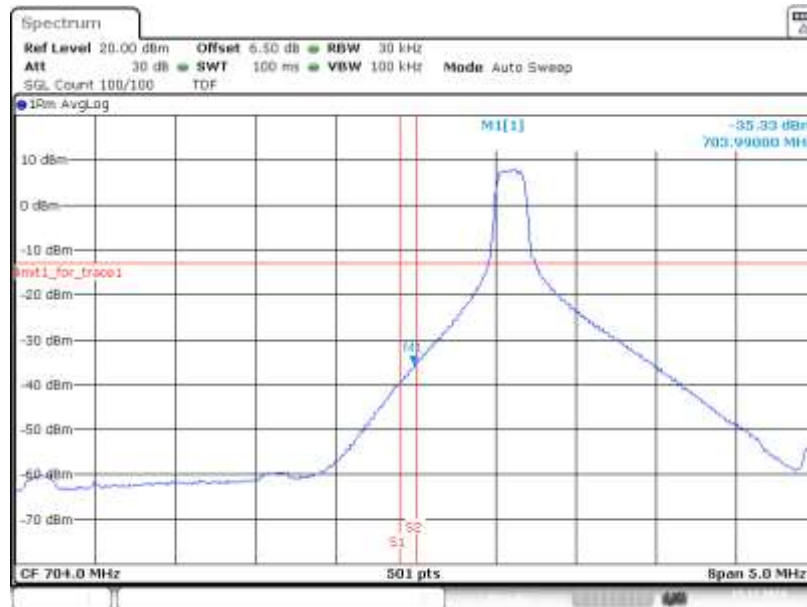
HIGH BAND EDGE BLOCK-10MHz+10MHz-100%RB



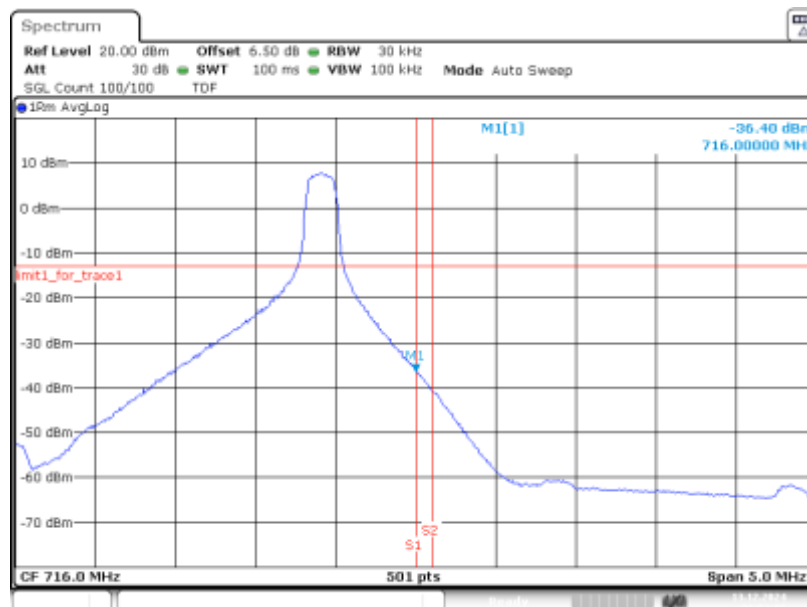
LTE band 17@CA 4A-17A

OBW: 1RB-LOW_offset

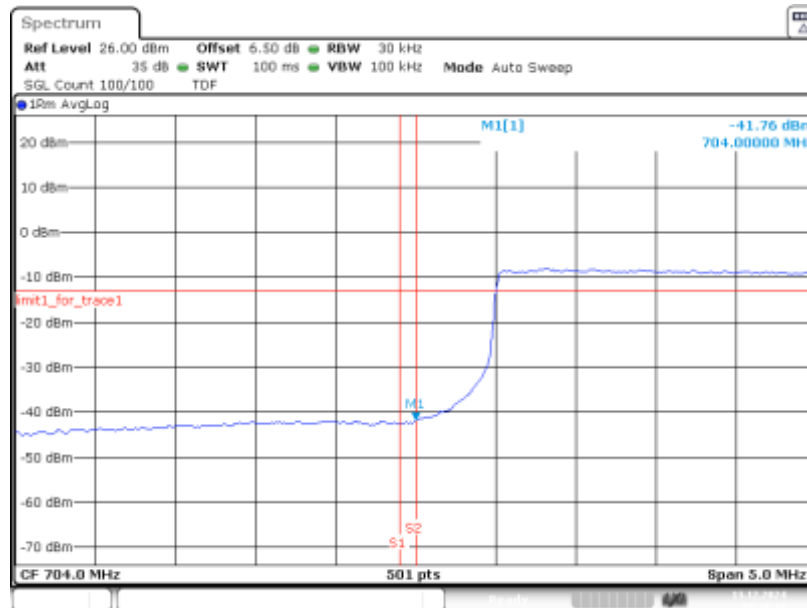
LOW BAND EDGE BLOCK-1RB-LOW_offset



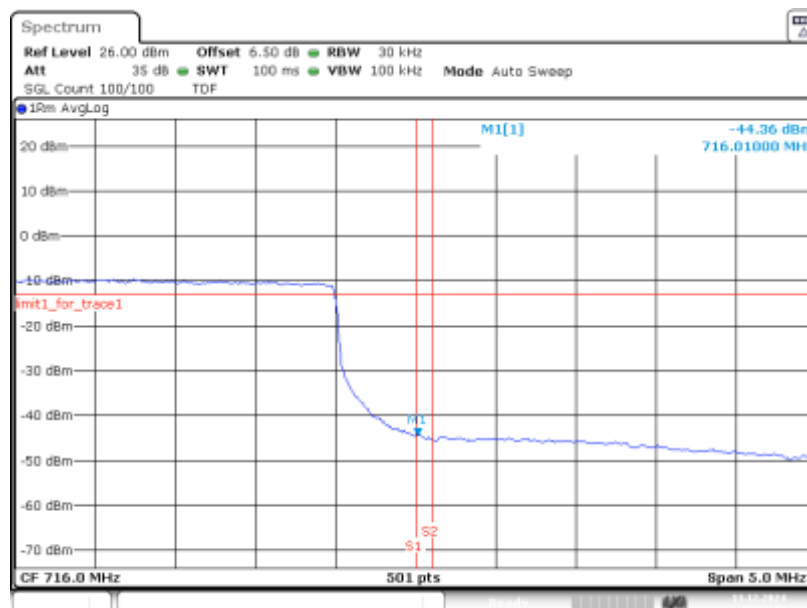
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

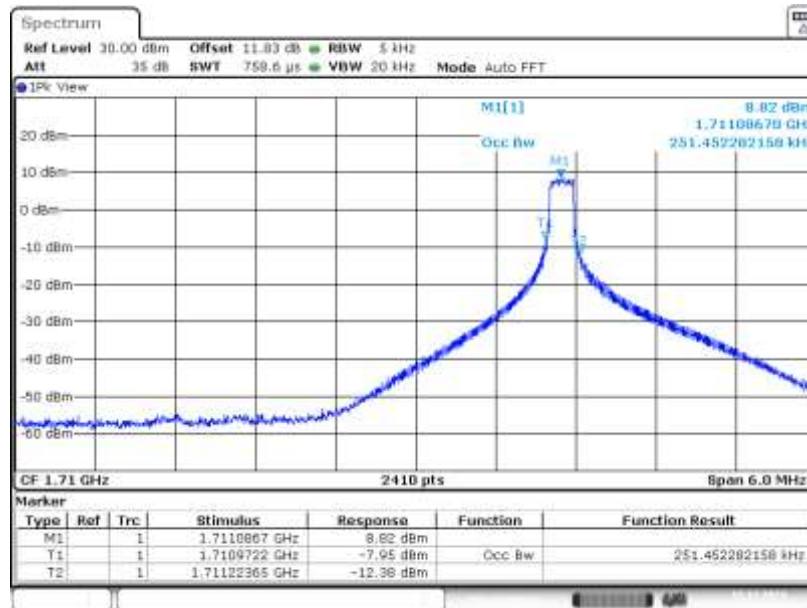


HIGH BAND EDGE BLOCK-10MHz+10MHz-100%RB

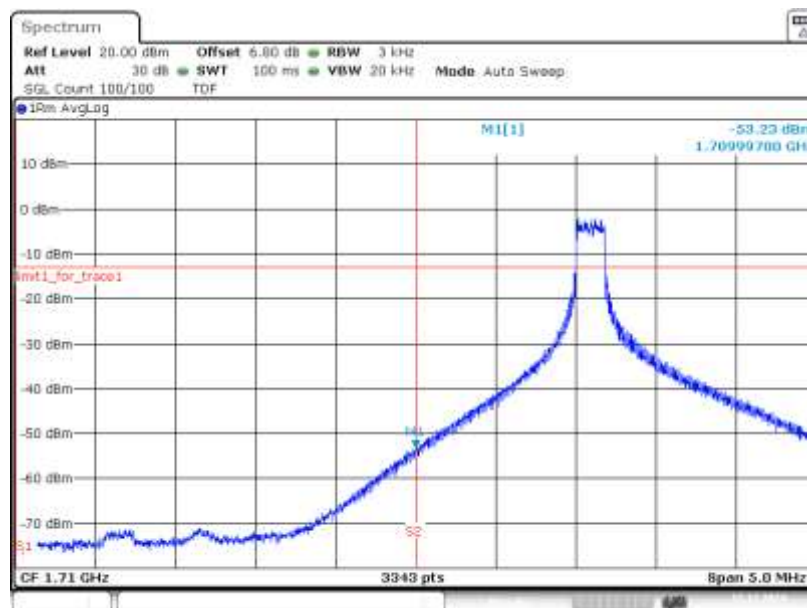


LTE band 4@CA 4A-71A

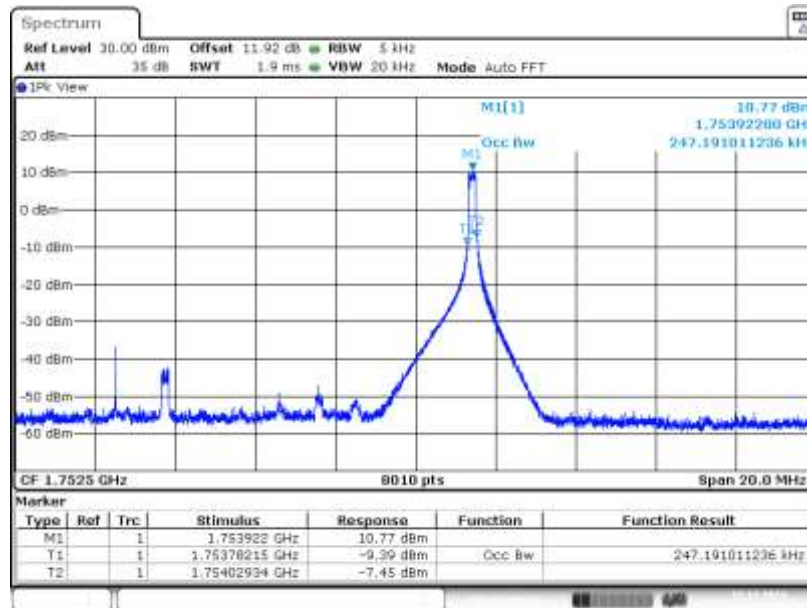
OBW: 1RB-LOW_offset



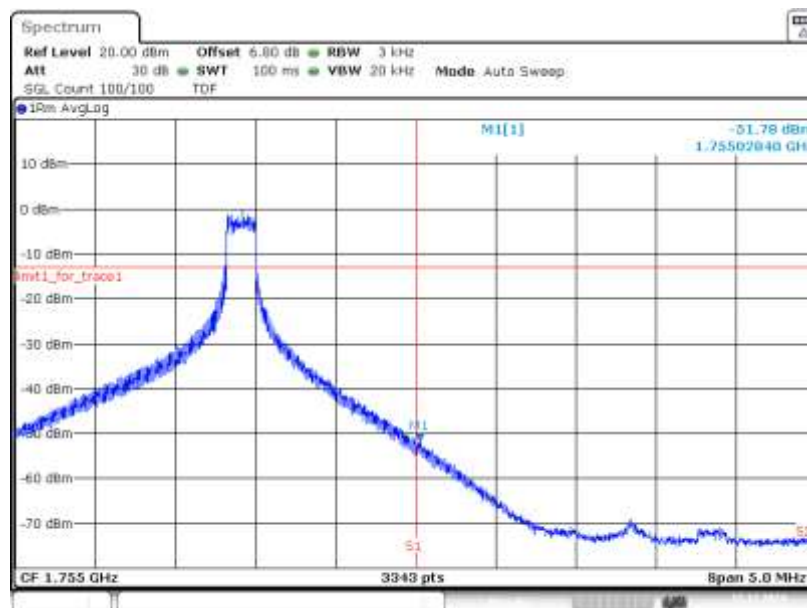
LOW BAND EDGE BLOCK-1RB-LOW_offset



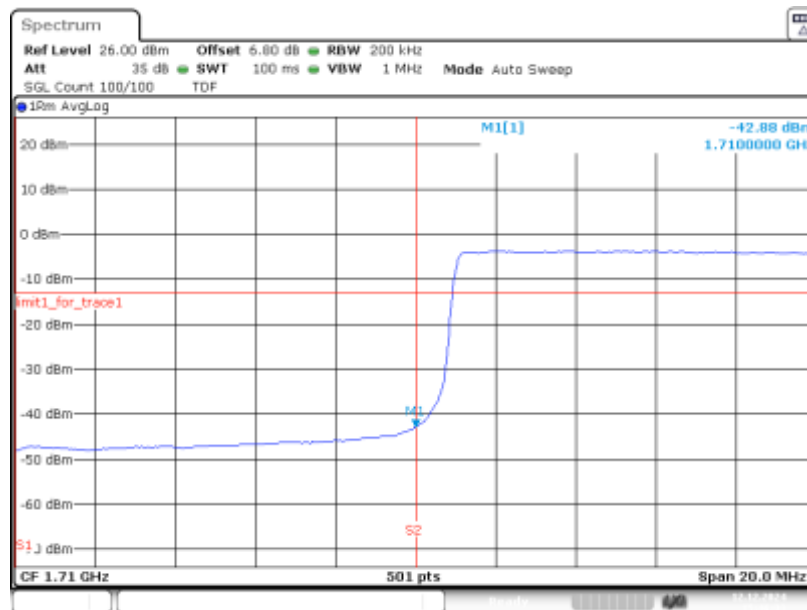
OBW: 1RB-HIGH_offset



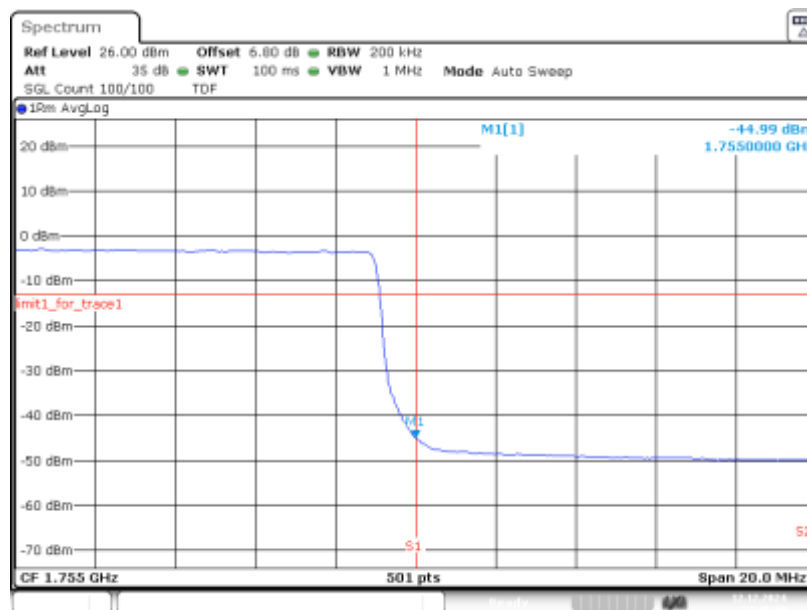
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

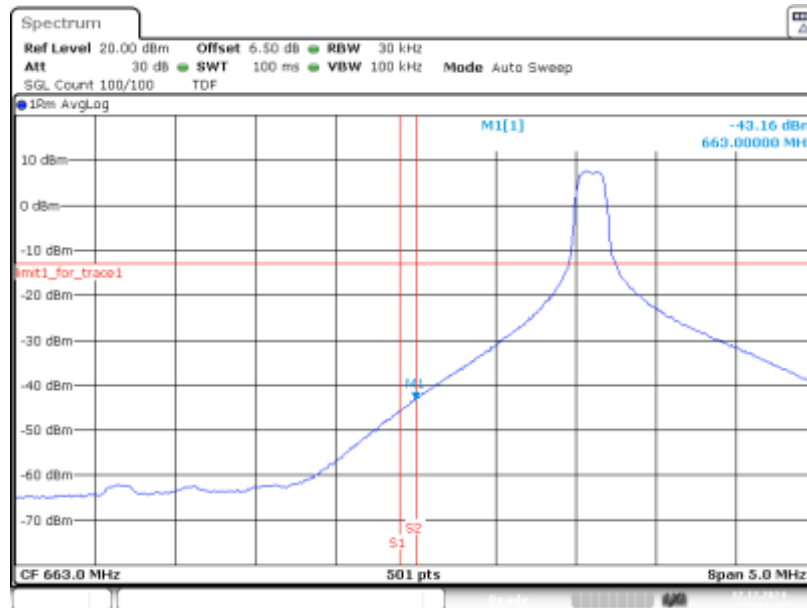


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

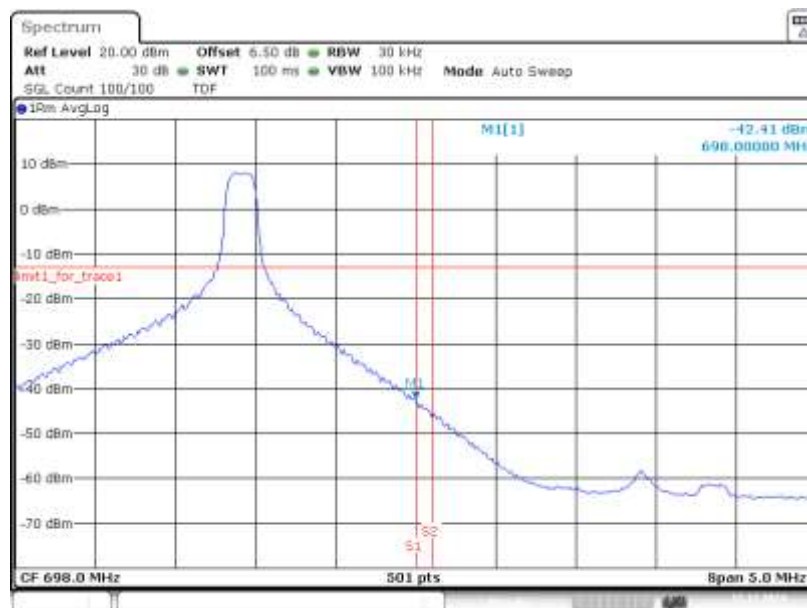


LTE band 71@CA 4A-71A

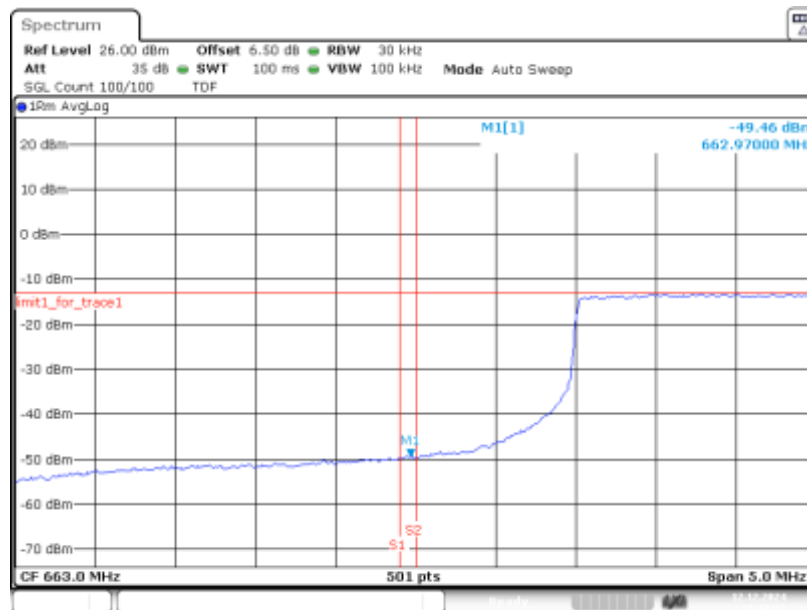
LOW BAND EDGE BLOCK-1RB-LOW_offset



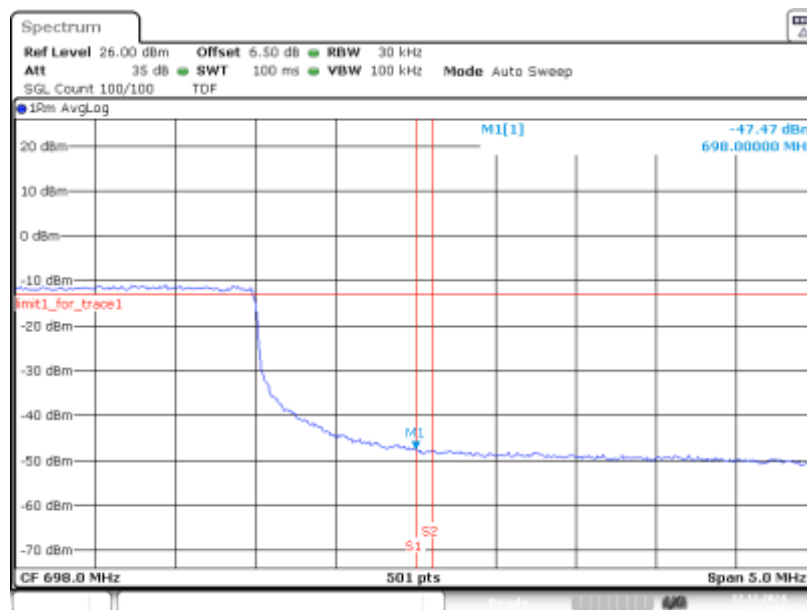
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

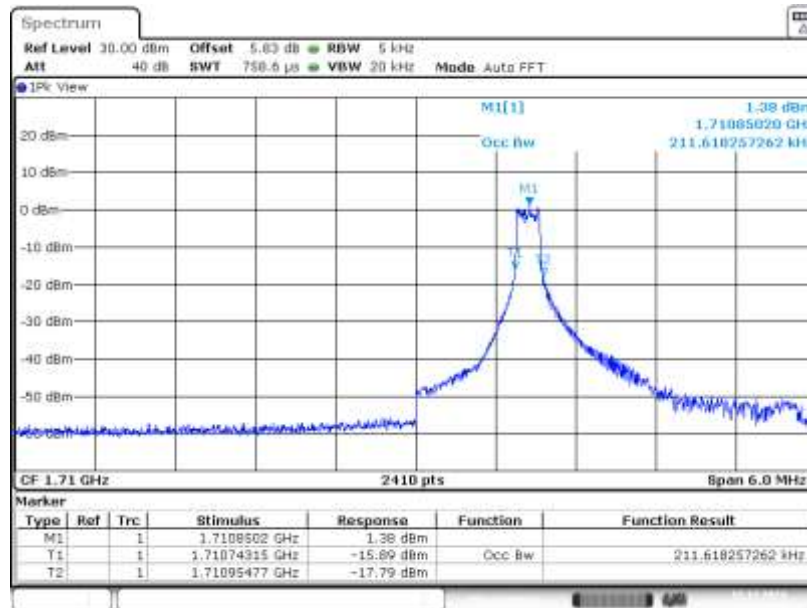


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

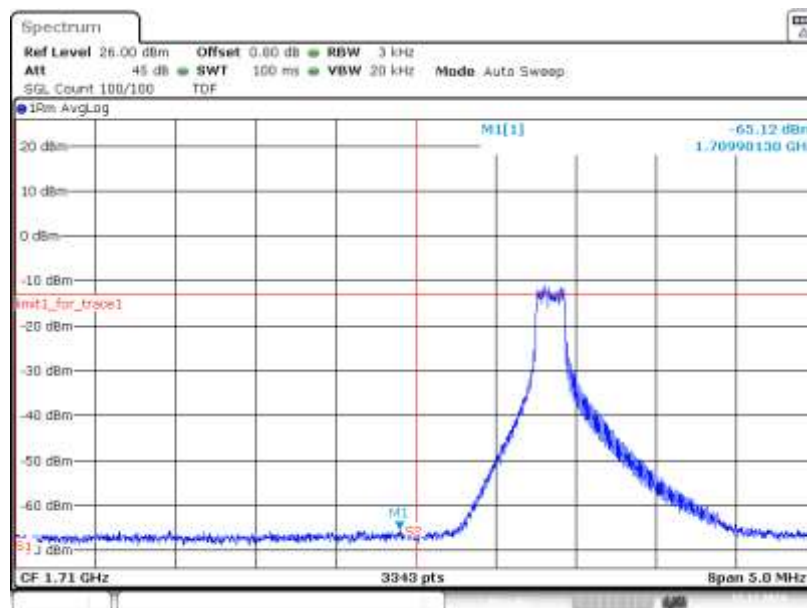


LTE CA band 66B

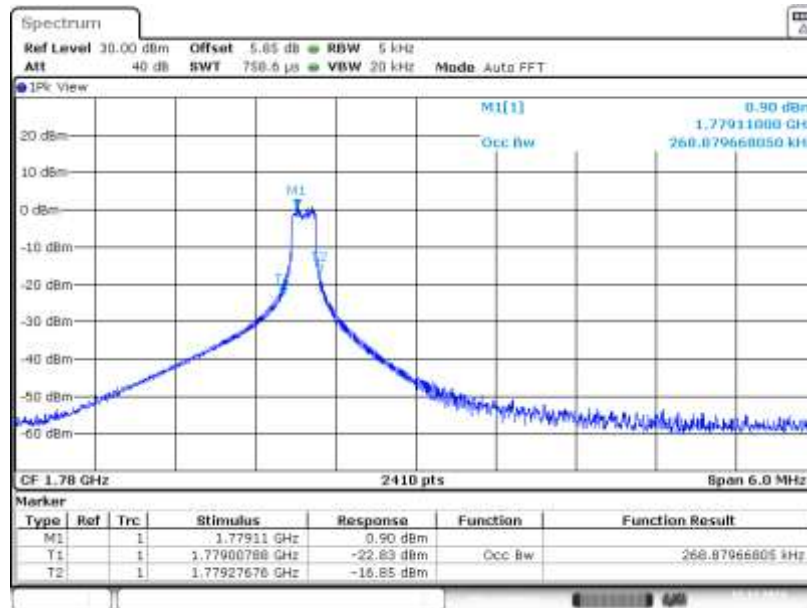
OBW: 1RB-low_offset



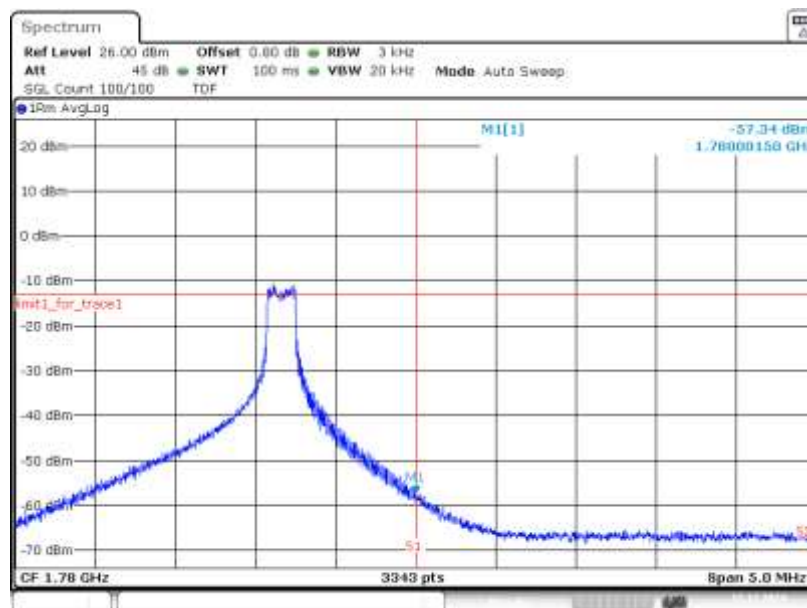
LOW BAND EDGE BLOCK-1RB-low_offset



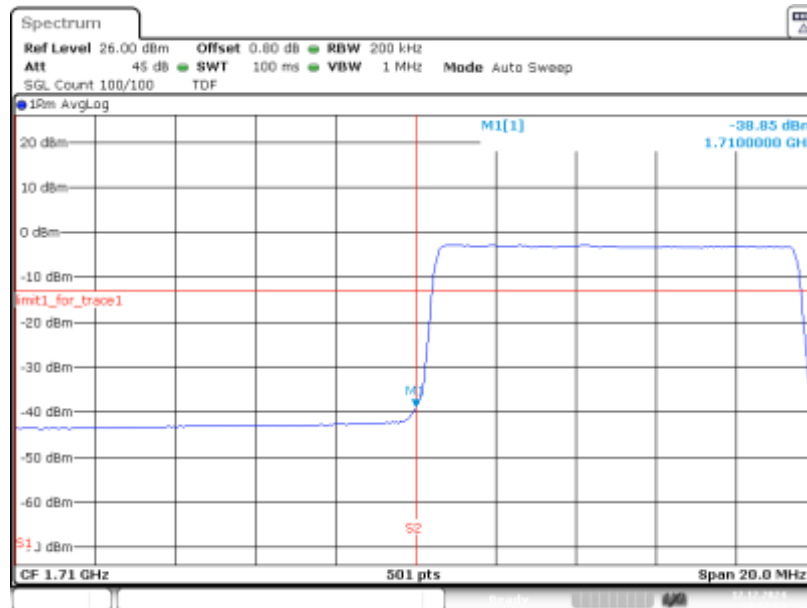
OBW: 1RB-high_offset



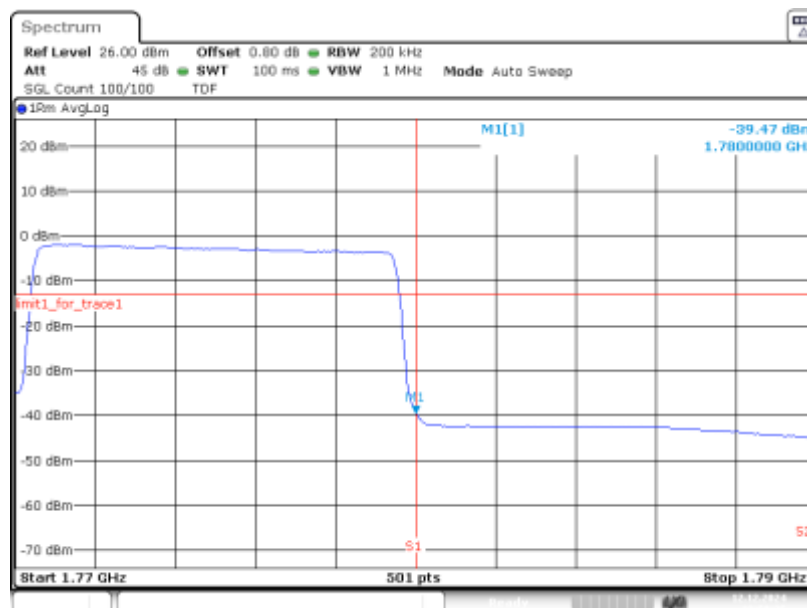
HIGH BAND EDGE BLOCK-1RB-high_offset



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

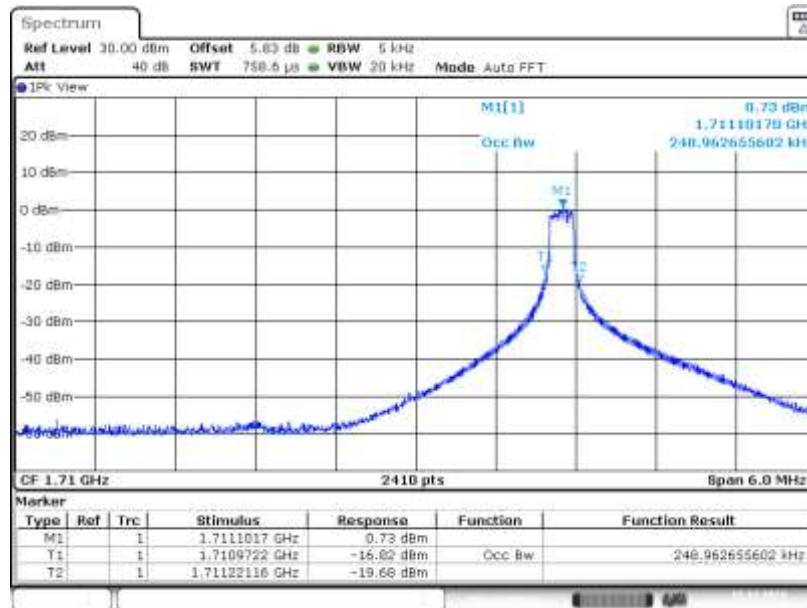


HIGH BAND EDGE BLOCK-10MHz+10MHz-100%RB

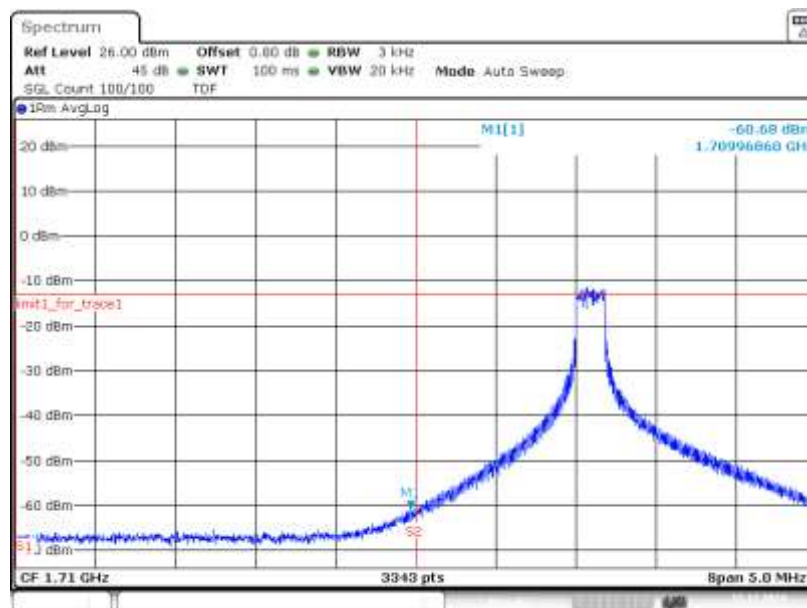


LTE CA band 66C

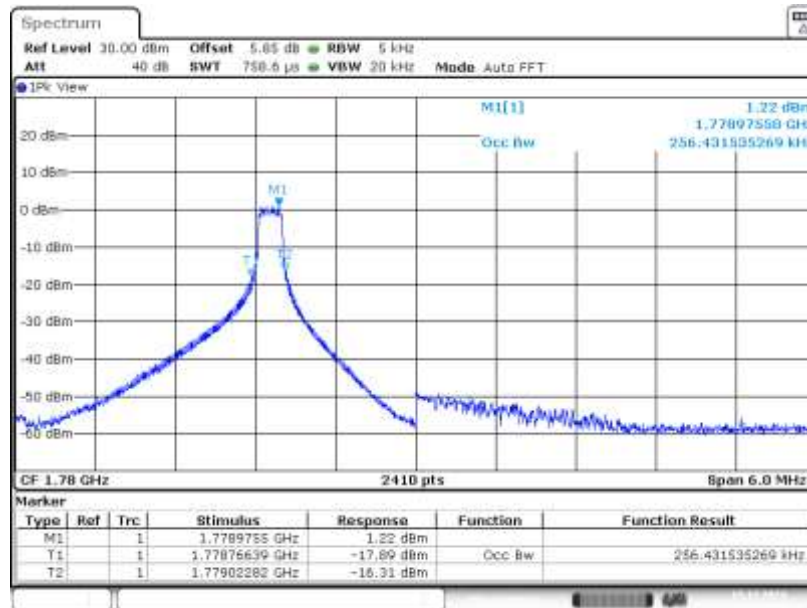
OBW: 1RB-low_offset



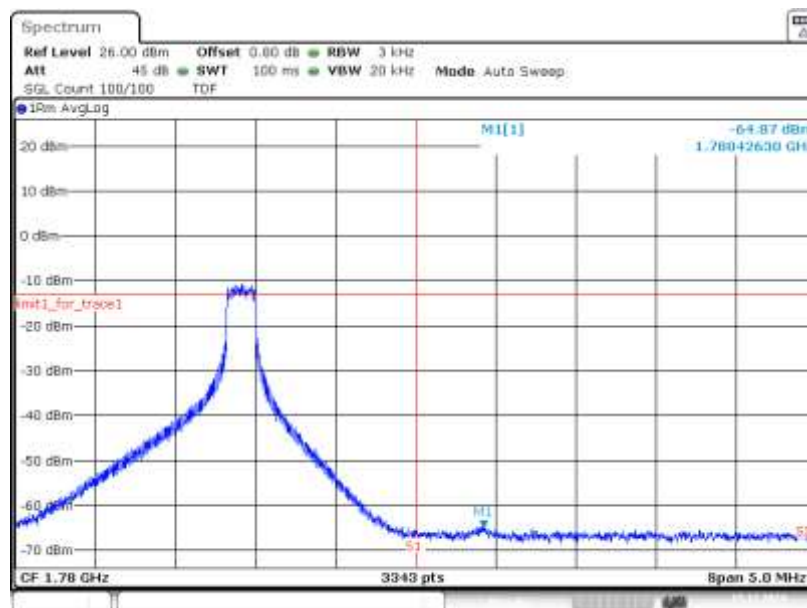
LOW BAND EDGE BLOCK-1RB-low_offset



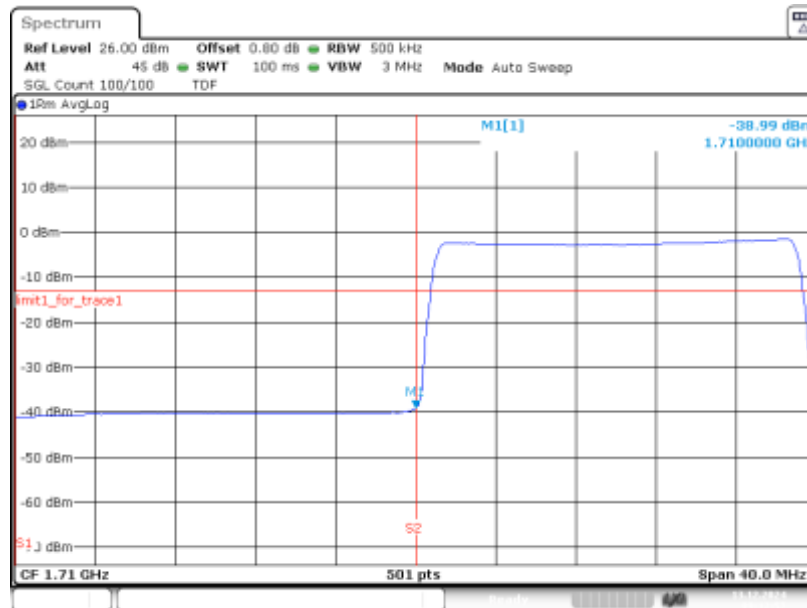
OBW: 1RB-high_offset



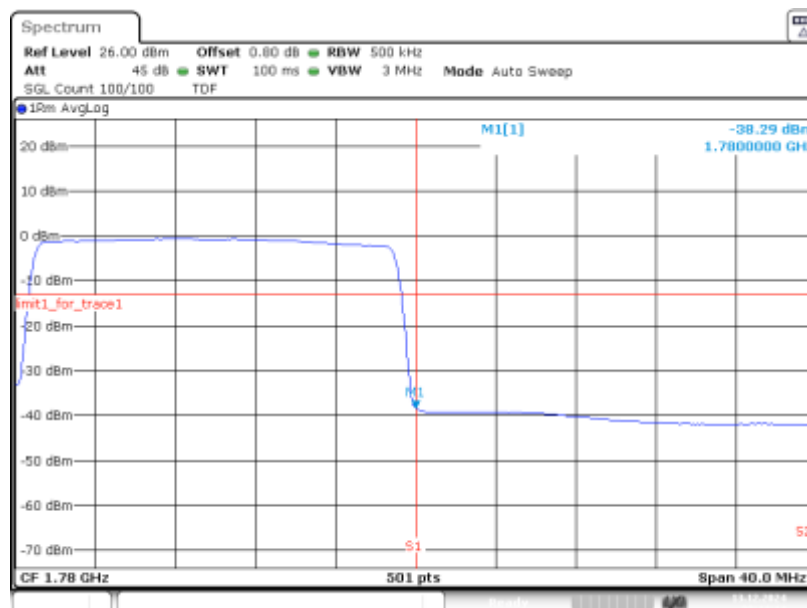
HIGH BAND EDGE BLOCK-1RB-high_offset



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

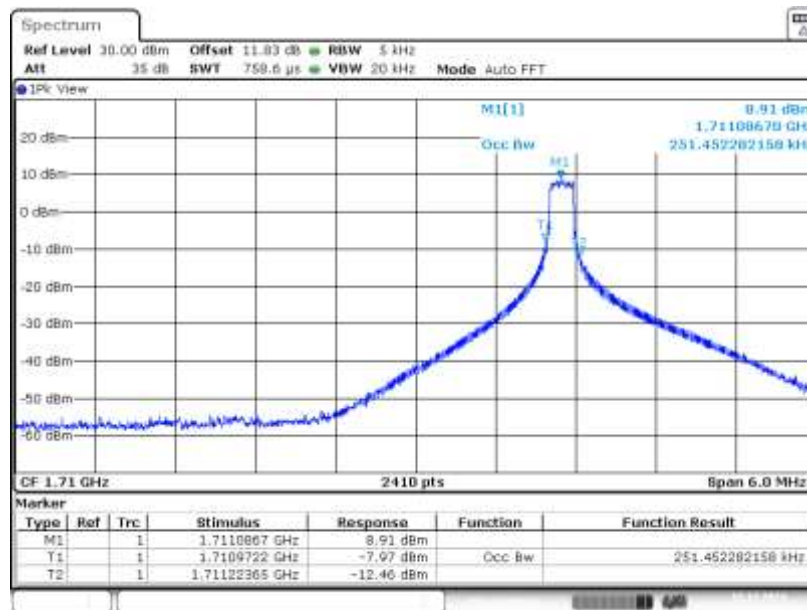


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

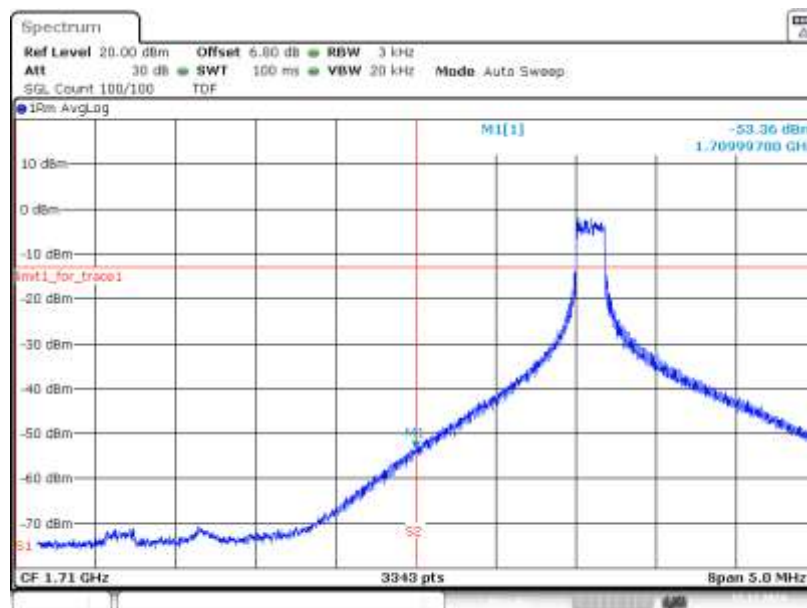


LTE band 66@CA 66A-71A

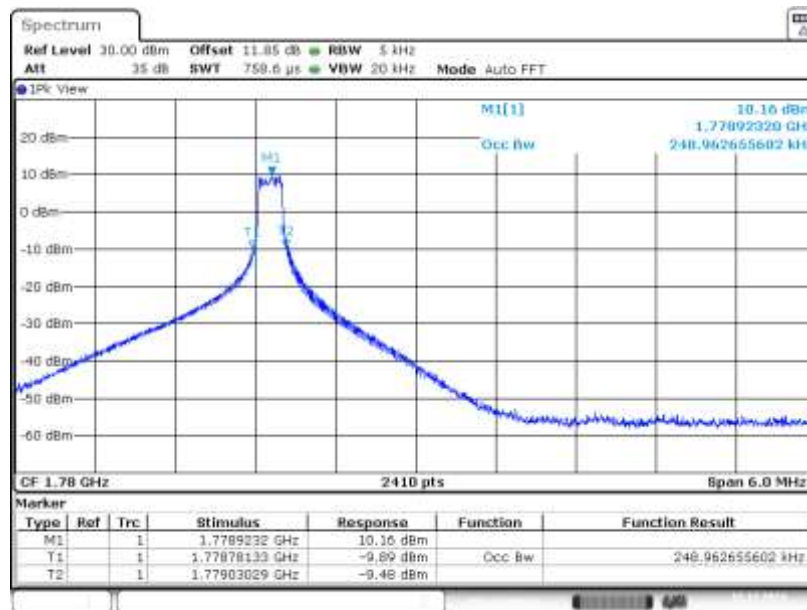
OBW: 1RB-LOW_offset



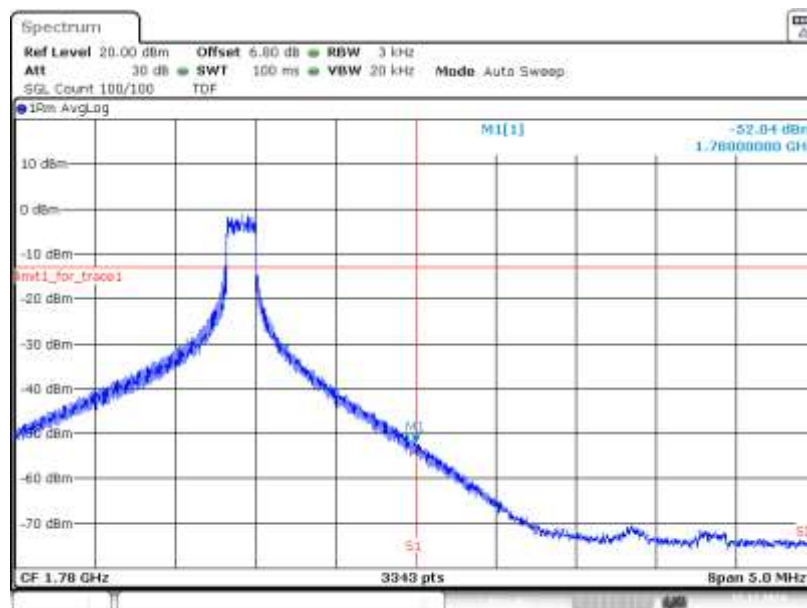
LOW BAND EDGE BLOCK-1RB-LOW_offset



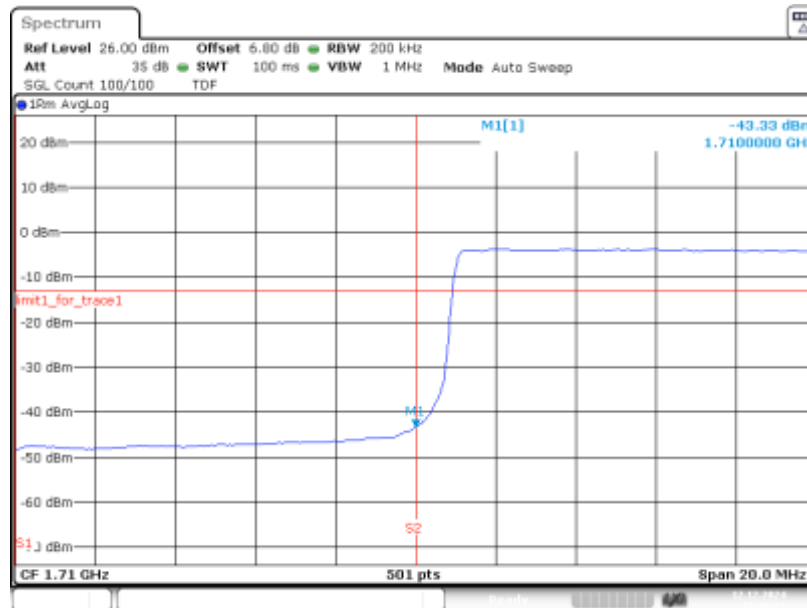
OBW: 1RB-HIGH_offset



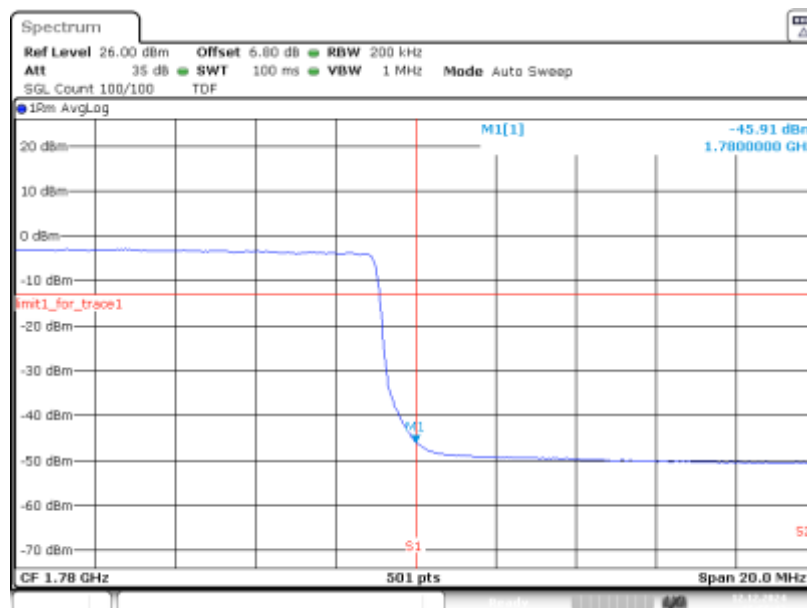
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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

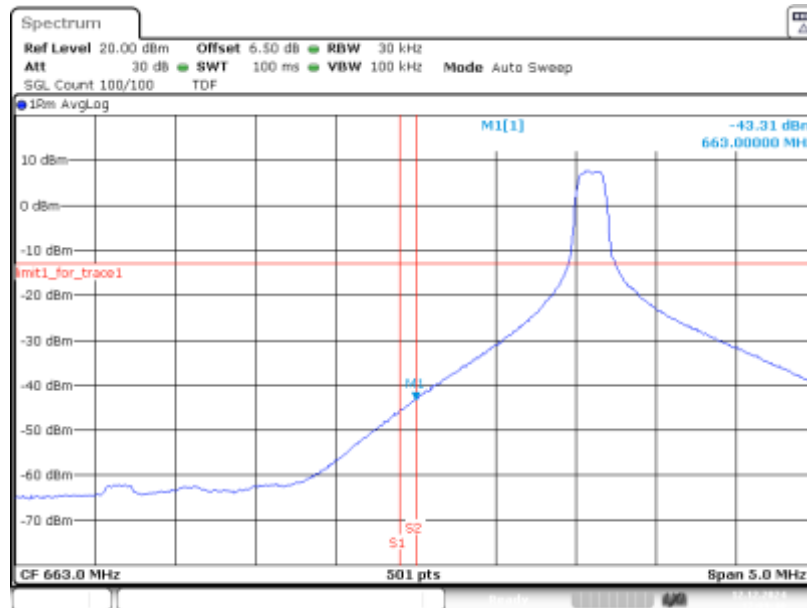


HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB

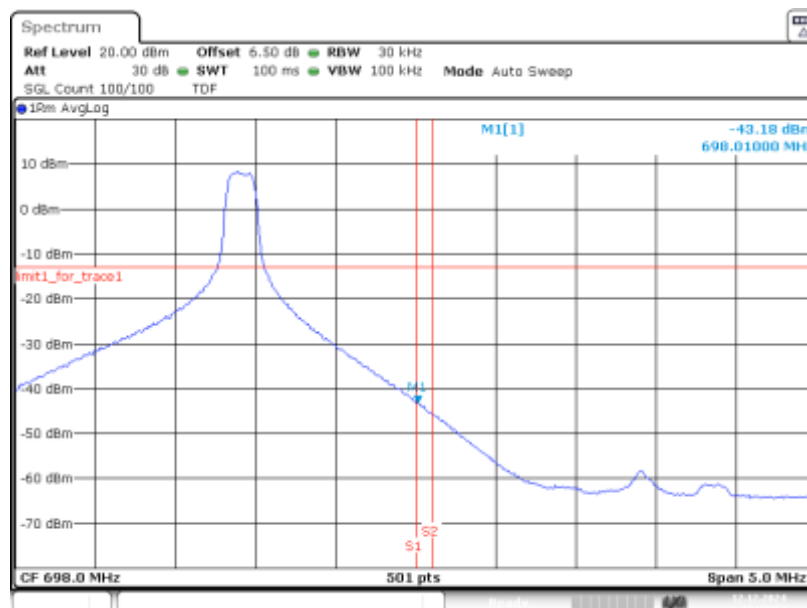


LTE band 71@CA 66A-71A

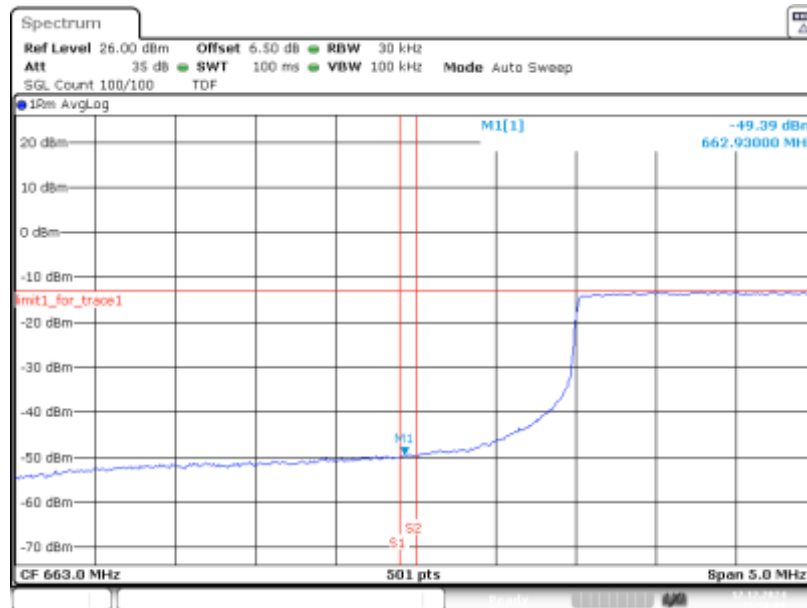
LOW BAND EDGE BLOCK-1RB-LOW_offset



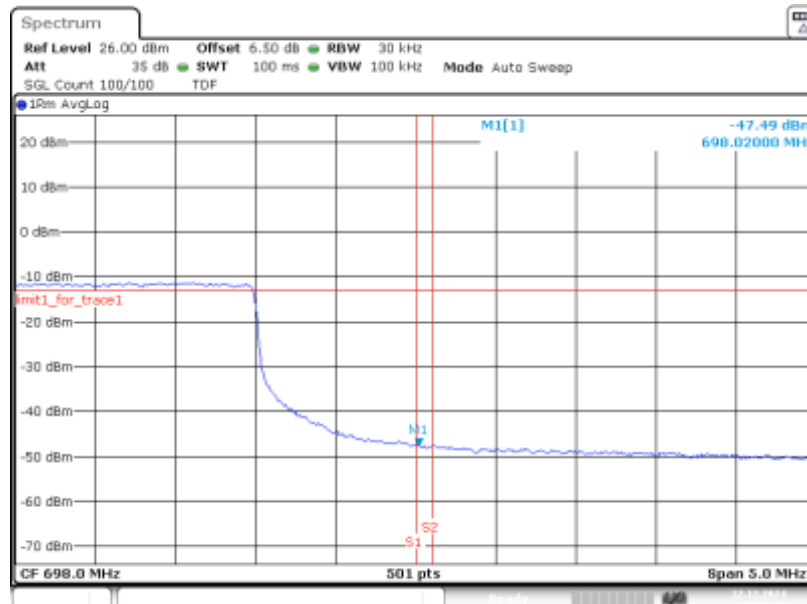
HIGH BAND EDGE BLOCK-1RB-HIGH_offset



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



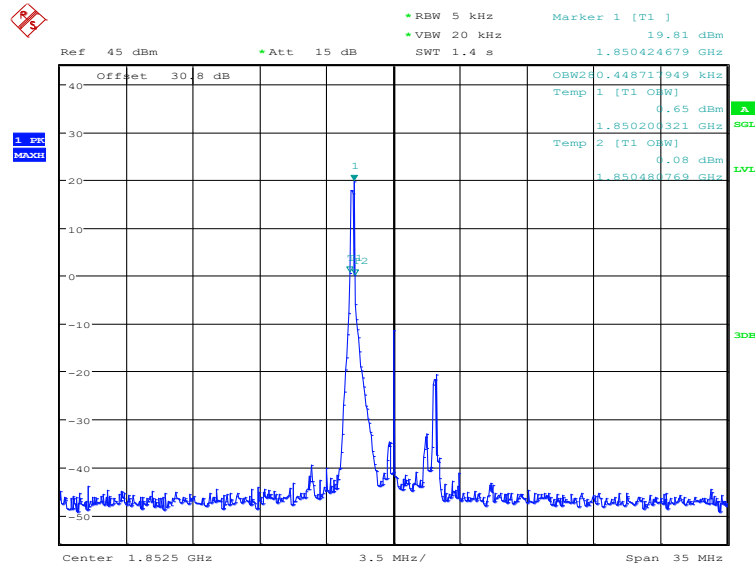
HIGH BAND EDGE BLOCK-20MHz+20MHz-100%RB



Reference Measurement Results from basic model:

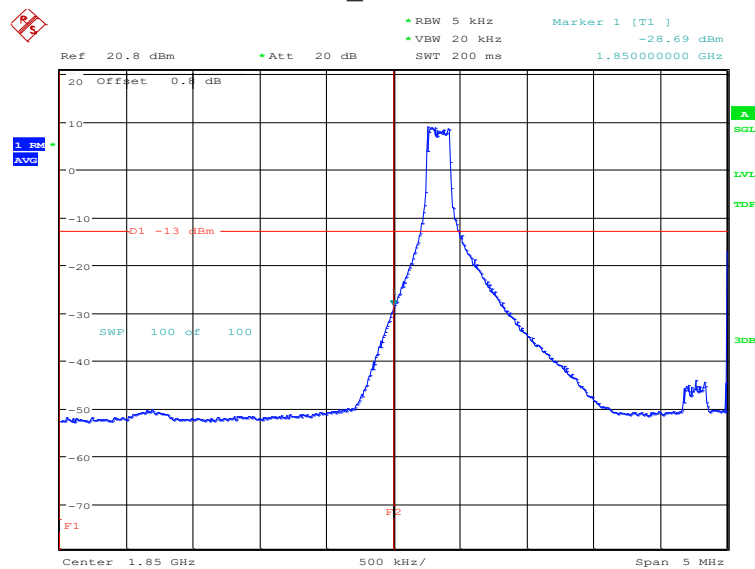
LTE band 2

OBW: 1RB-low_offset



Date: 18.NOV.2024 14:54:54

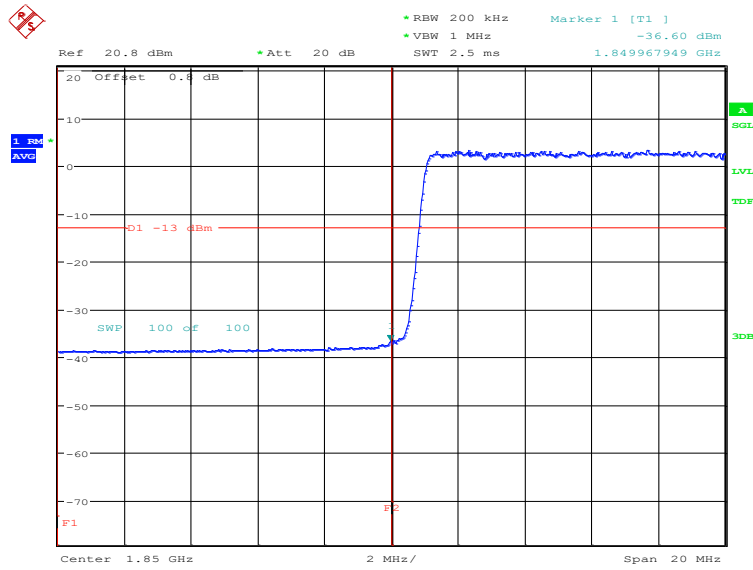
LOW BAND EDGE BLOCK-1RB-low_offset



Date: 18.NOV.2024 14:56:09

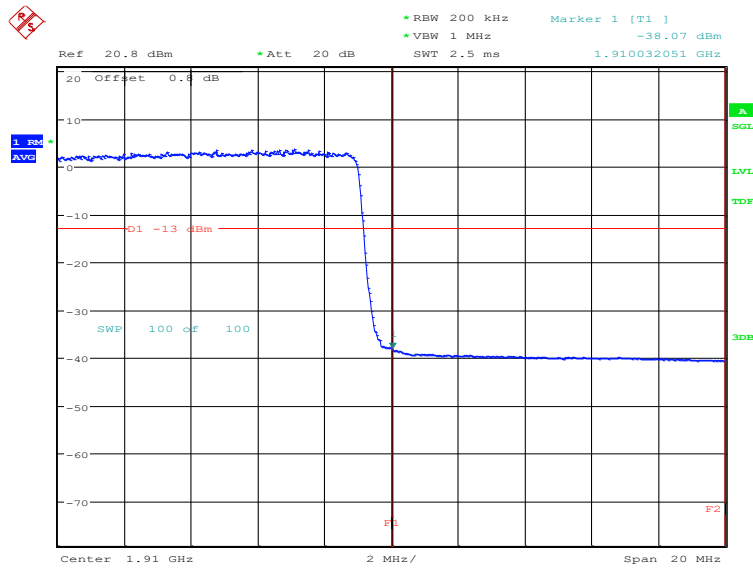


LOW BAND EDGE BLOCK-20MHz-100%RB



Date: 18.NOV.2024 14:56:45

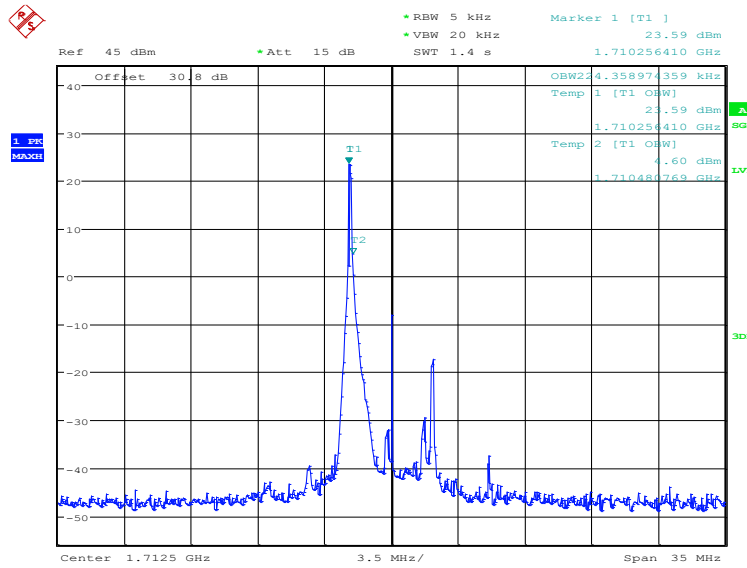
HIGH BAND EDGE BLOCK-20MHz-100%RB



Date: 18.NOV.2024 15:00:53

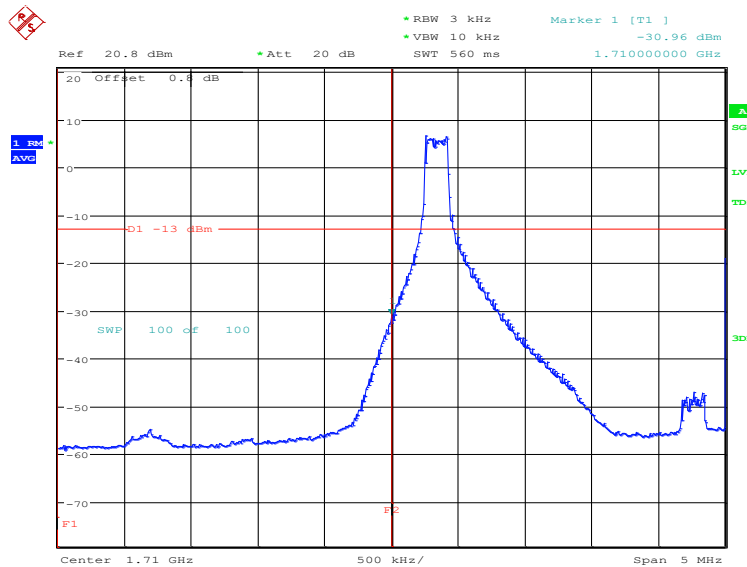
LTE band 4

OBW: 1RB-low_offset



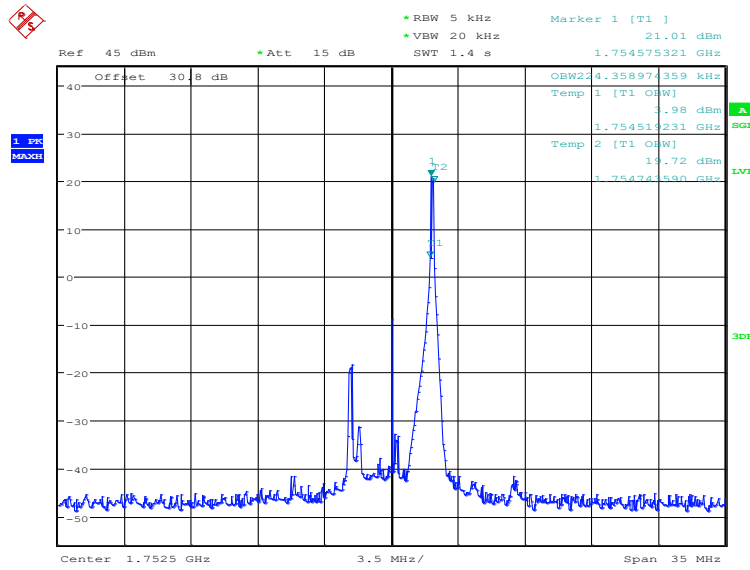
Date: 18.NOV.2024 15:03:10

LOW BAND EDGE BLOCK-1RB-low_offset



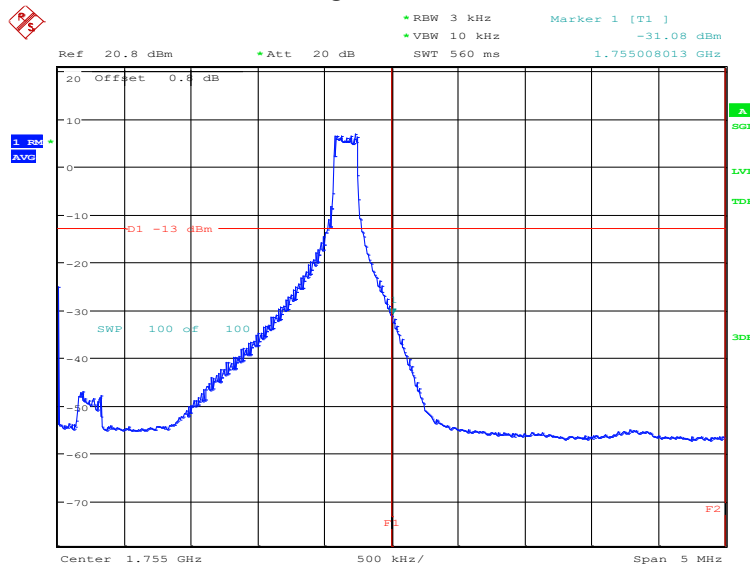
Date: 18.NOV.2024 15:04:24

OBW: 1RB-high_offset



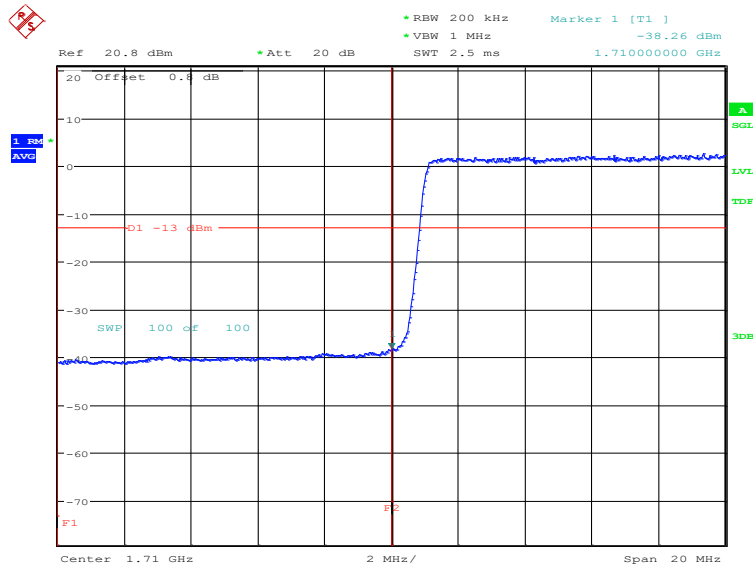
Date: 18.NOV.2024 15:07:17

HIGH BAND EDGE BLOCK-1RB-high_offset



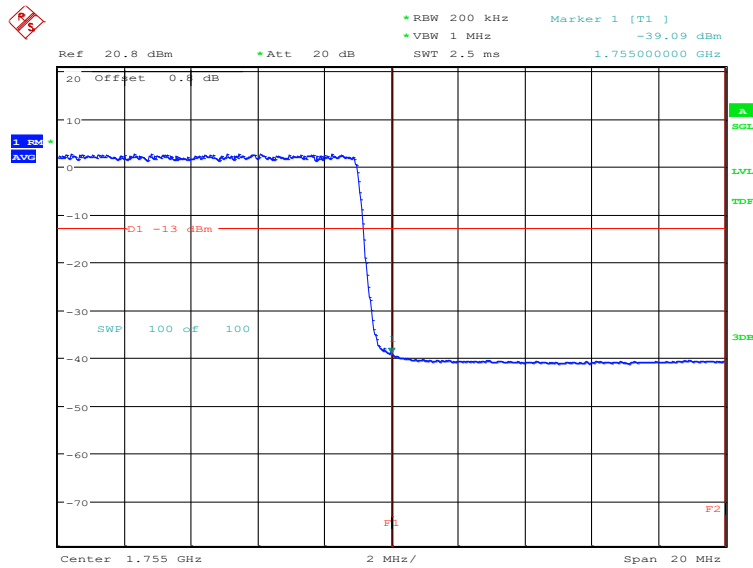
Date: 18.NOV.2024 15:08:31

LOW BAND EDGE BLOCK-20MHz-100%RB



Date: 18.NOV.2024 15:05:01

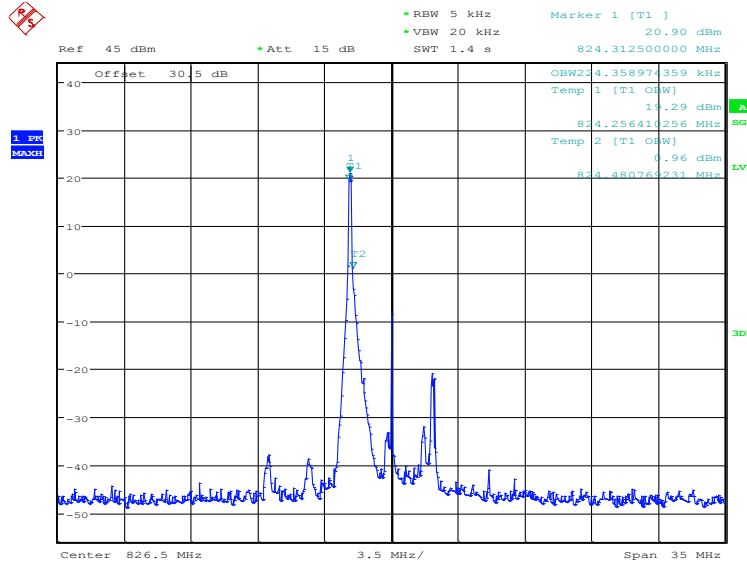
HIGH BAND EDGE BLOCK-20MHz-100%RB



Date: 18.NOV.2024 15:09:08

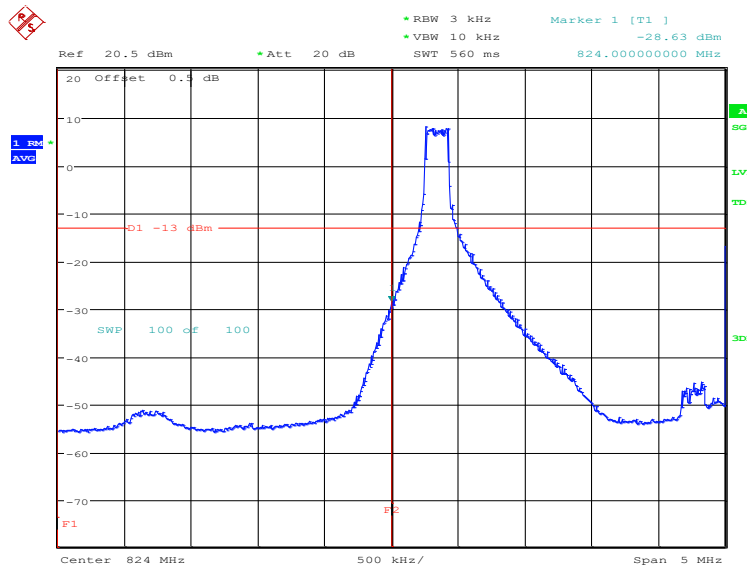
LTE band 5

OBW: 1RB-low_offset



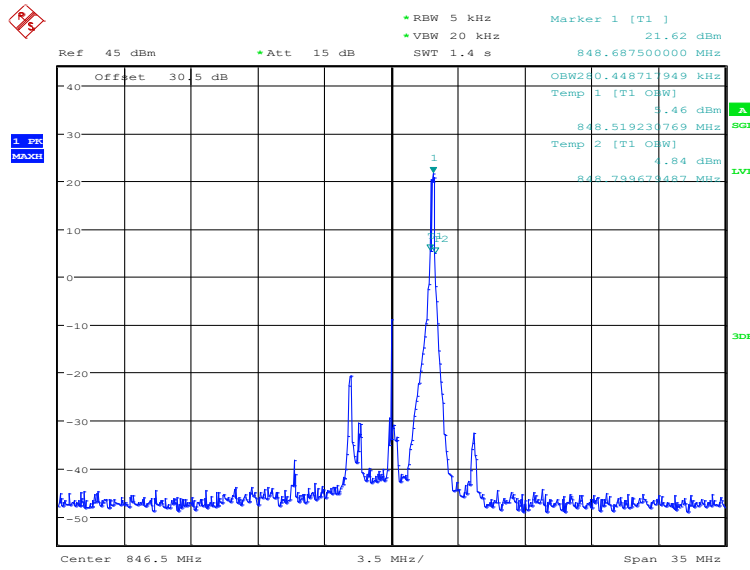
Date: 18.NOV.2024 09:48:56

LOW BAND EDGE BLOCK-1RB-low_offset



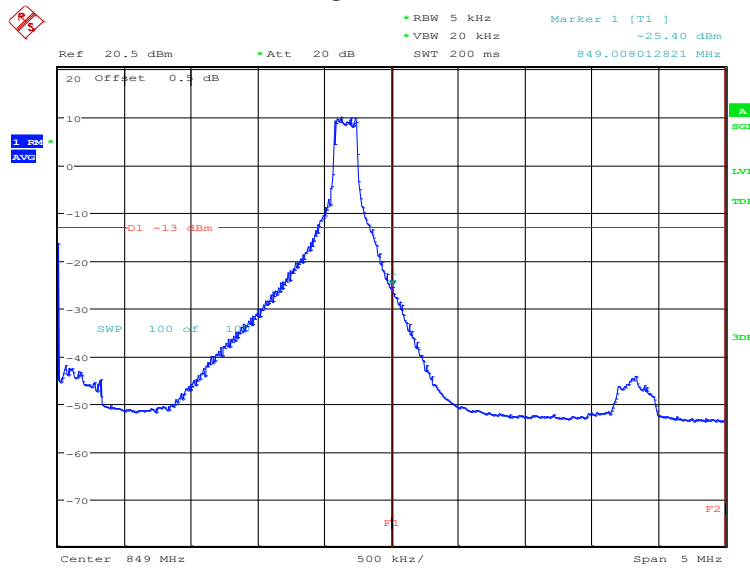
Date: 18.NOV.2024 09:50:11

OBW: 1RB-high_offset



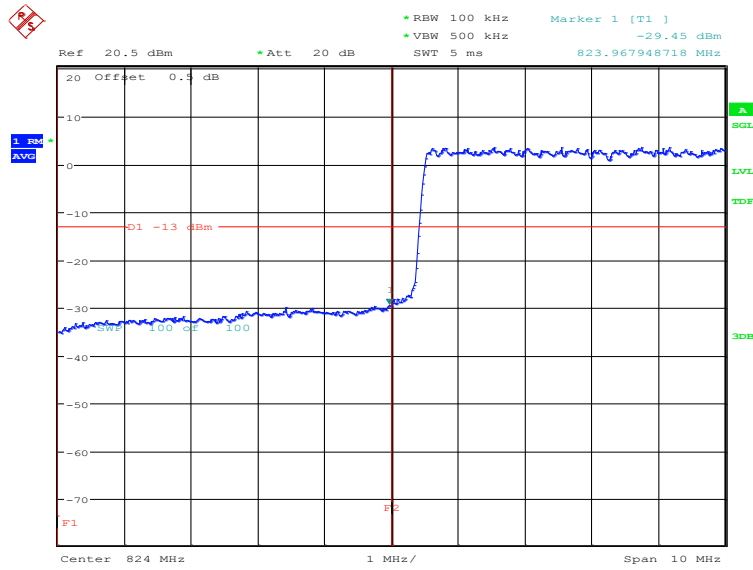
Date: 18.NOV.2024 09:53:03

HIGH BAND EDGE BLOCK-1RB-high_offset



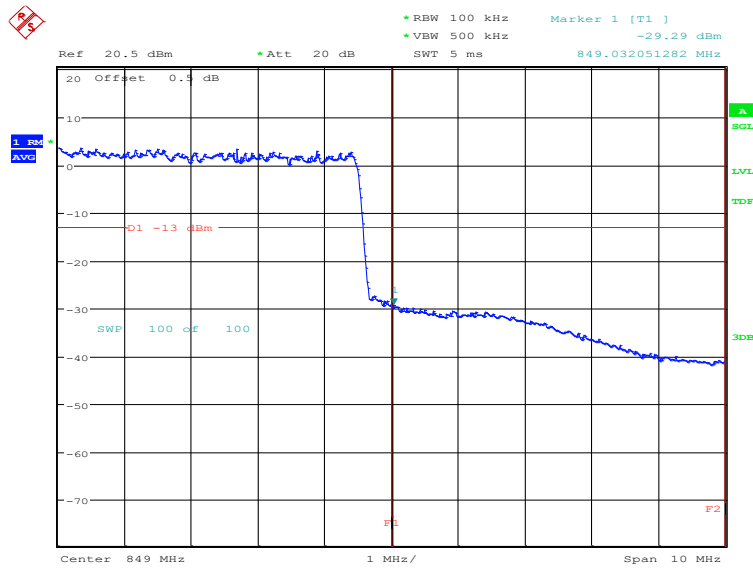
Date: 18.NOV.2024 09:54:17

LOW BAND EDGE BLOCK-10MHz-100%RB



Date: 18.NOV.2024 09:50:47

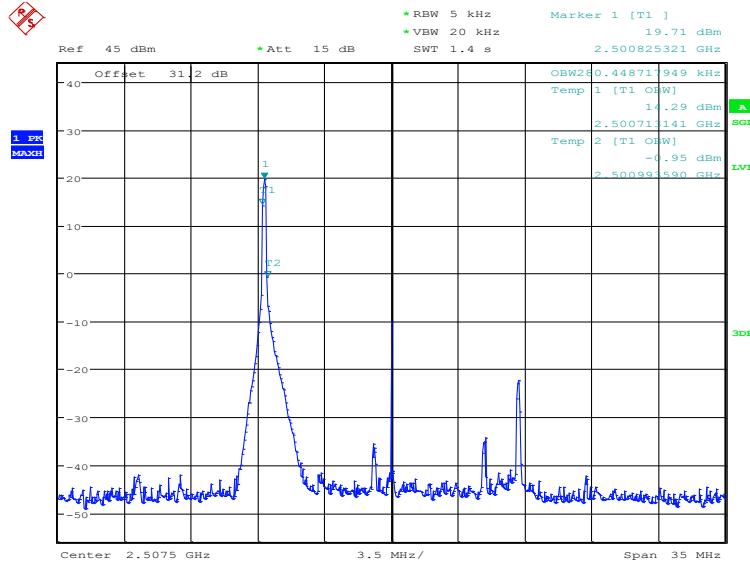
HIGH BAND EDGE BLOCK-10MHz-100%RB



Date: 18.NOV.2024 09:54:54

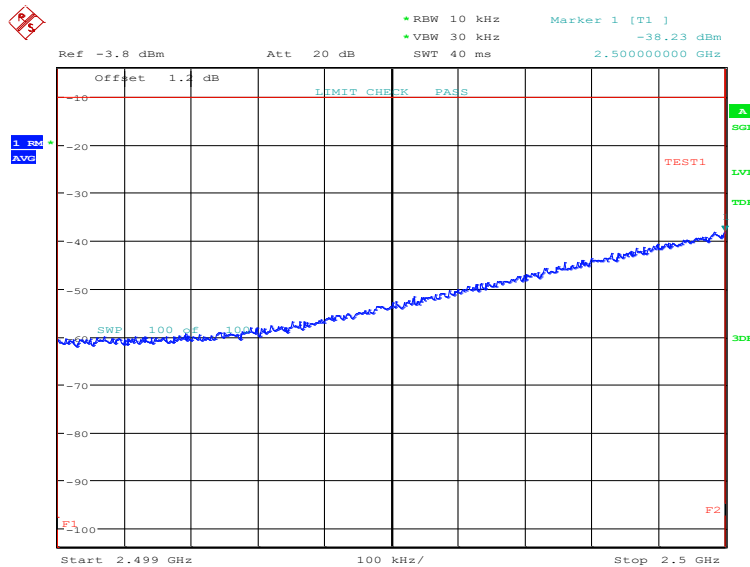
LTE band 7

OBW: 1RB-low_offset



Date: 18.NOV.2024 11:54:50

LOW BAND EDGE BLOCK-1RB-low_offset



Date: 18.NOV.2024 11:56:11



Ref -3.8 dBm Att 20 dB

RBW 1 MHz VBW 10 MHz SWT 2.5 ms

Marker 2 [T1] -44.05 dBm

2.489743590 GHz

Offset 1.2 dB

Marker 1 [T1] -44.39 dBm

2.499000000 GHz

1. dB VIEW

TEST1

SWP 100 of 100

F2

F1

Start 2.4895 GHz 950 kHz/ Stop 2.499 GHz

Ref -3.8 dBm Att 5 dB RBW 10 kHz VBW 30 kHz SWT 80 ms

OFF 1.2 dB

1.1 MHz AVG

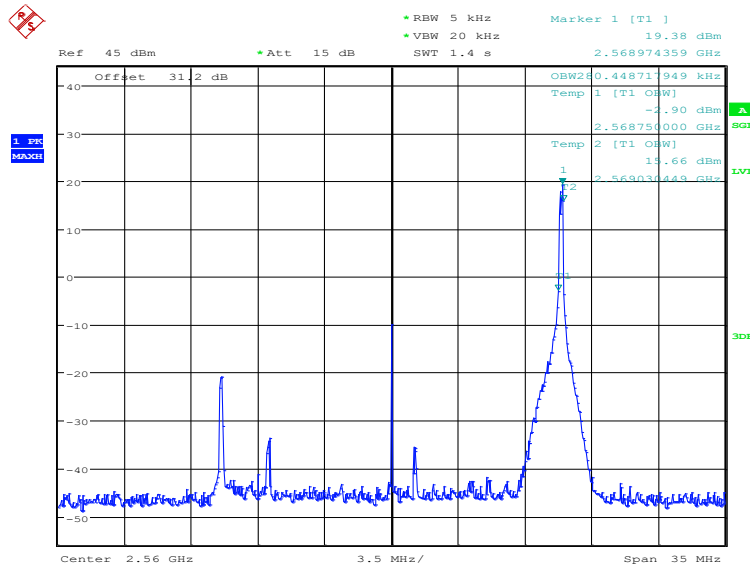
SWP 100.00 cf 100

Center 2.499 GHz 200 kHz/ Span 2 MHz

Tx Channel Bandwidth 1 MHz Power -40.66 dBm

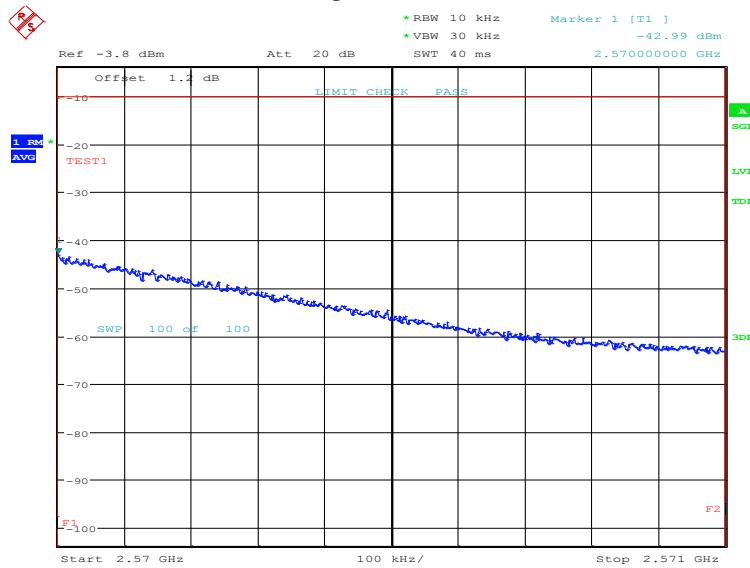
Page 271 of 364

OBW: 1RB-high_offset

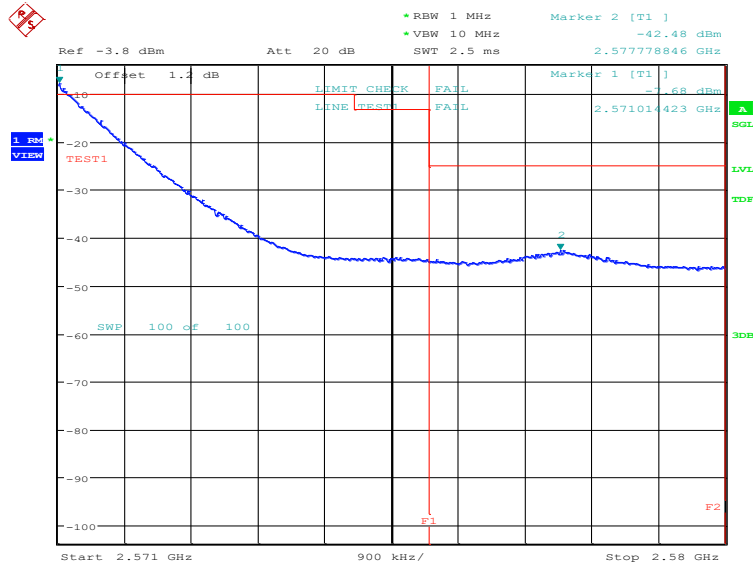


Date: 18.NOV.2024 12:01:45

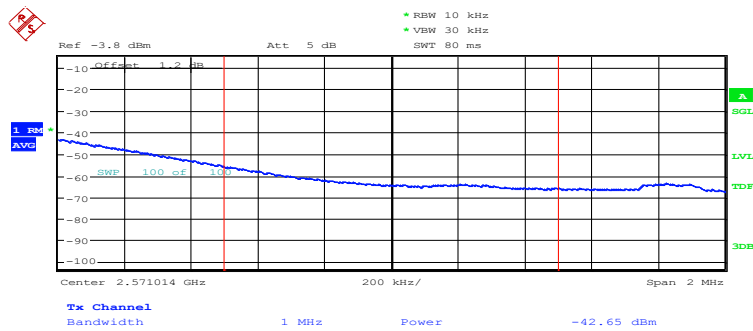
HIGH BAND EDGE BLOCK-1RB-high_offset



Date: 18.NOV.2024 12:03:06

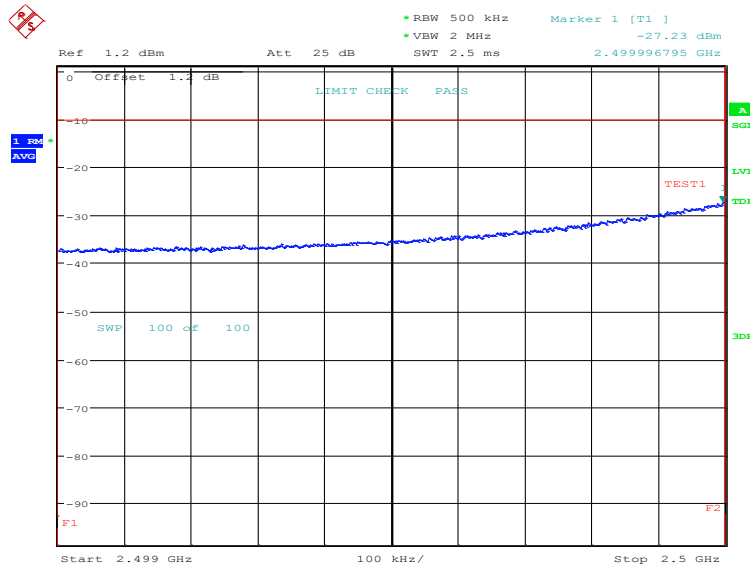


Date: 18.NOV.2024 12:04:55

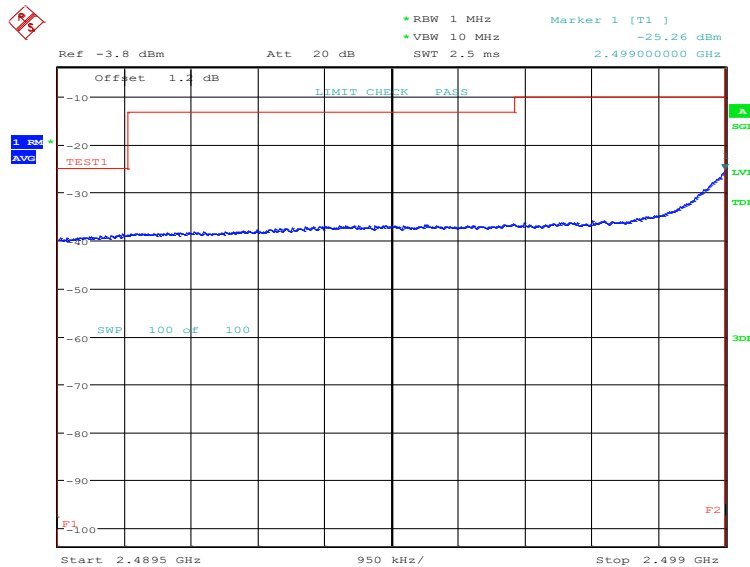


Date: 18.NOV.2024 12:05:23

LOW BAND EDGE BLOCK-20MHz-100%RB

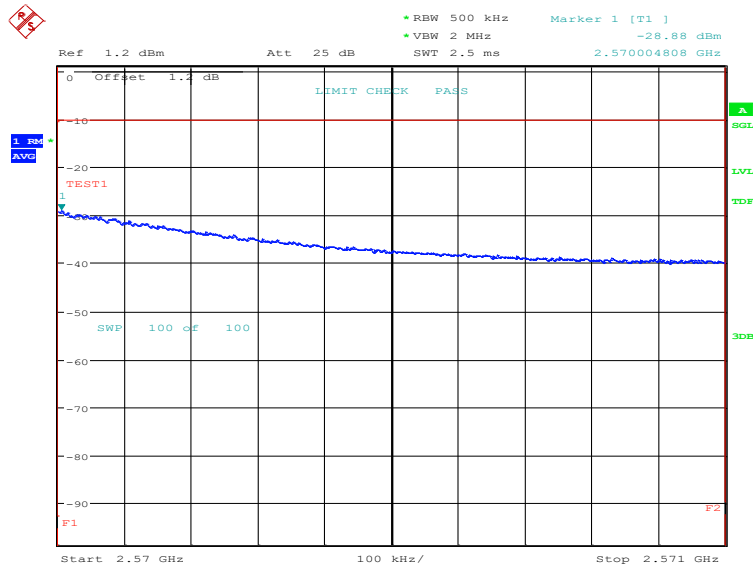


Date: 9.OCT.2024 15:10:56

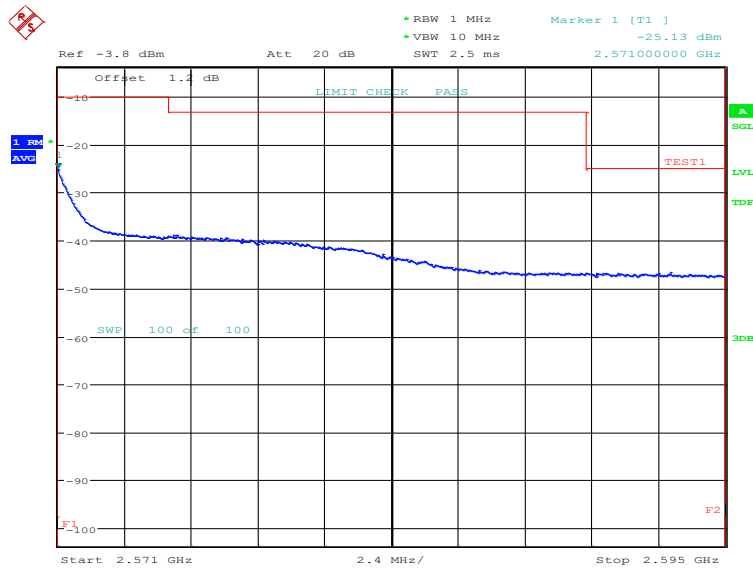


Date: 9.OCT.2024 15:12:37

HIGH BAND EDGE BLOCK-20MHz-100%RB



Date: 9.OCT.2024 15:15:35



Date: 9.OCT.2024 15:17:16



OBW: 1RB-low_offset



Ref 20.5 dBm * Att 20 dB

• RBW 30 kHz Marker 1 [T1] -19.99 dBm
• VBW 100 kHz
SWT 25 ms 699.00000000 MHz

20 Offset 0.5 dB

1 Freq
Ave

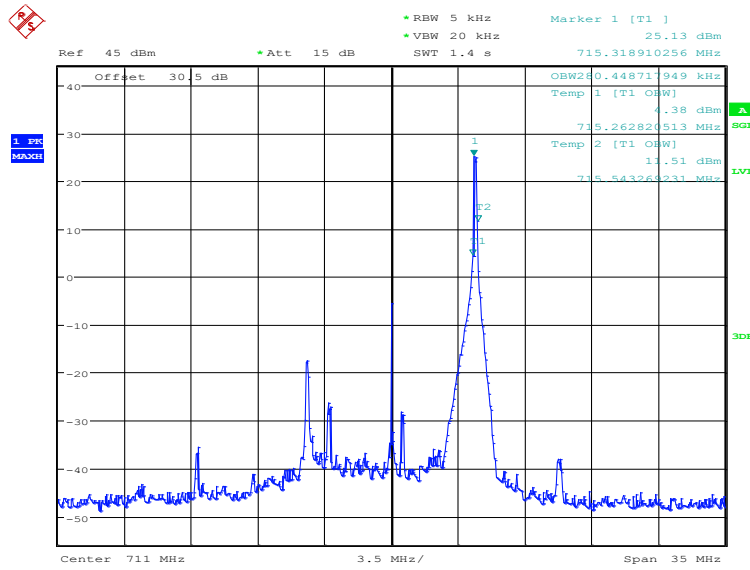
D1 -13 dBm

SWP 100 dB 100

Center 699 MHz 500 kHz / Span 5 MHz

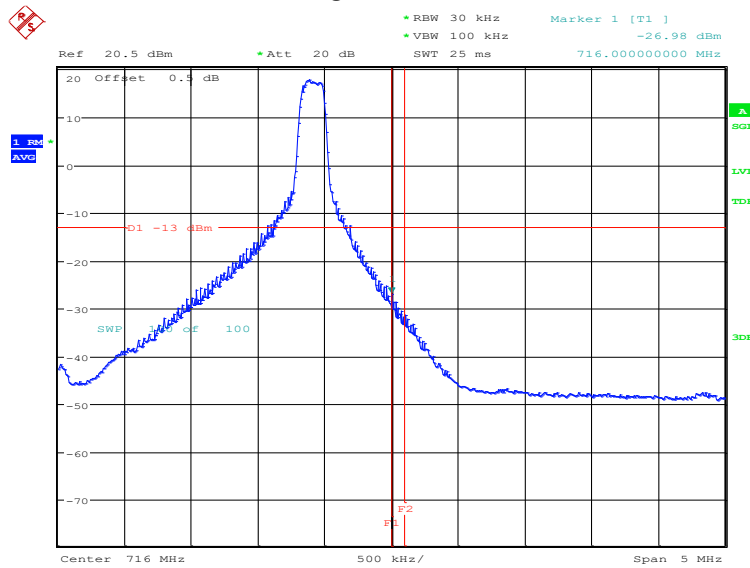
Date: 18.NOV.2024 09:57:31

OBW: 1RB-high_offset



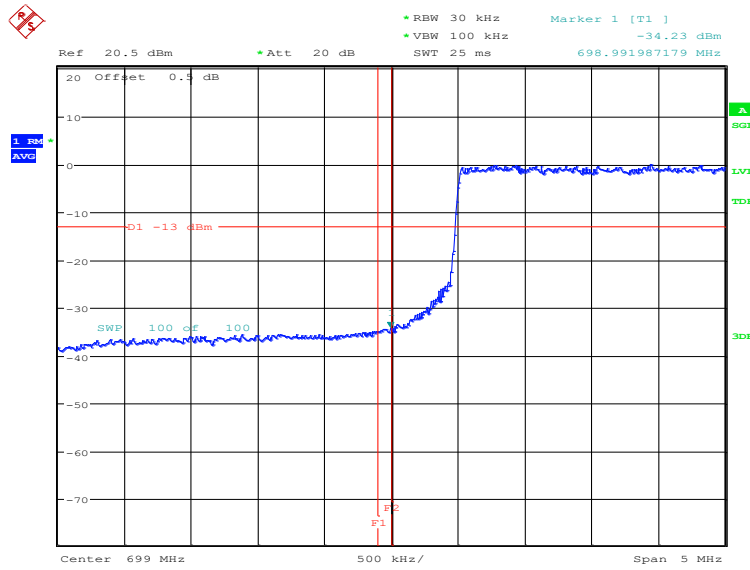
Date: 18.NOV.2024 09:58:09

HIGH BAND EDGE BLOCK-1RB-high_offset



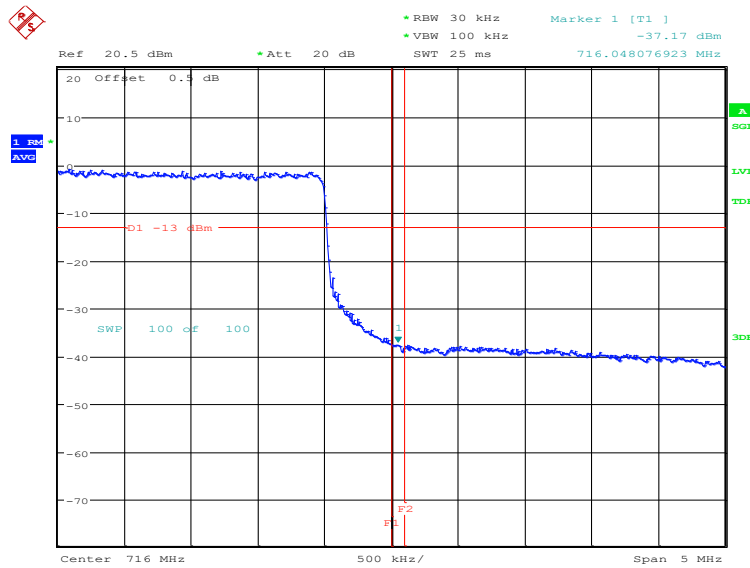
Date: 18.NOV.2024 09:58:28

LOW BAND EDGE BLOCK-10MHz-100%RB



Date: 9.OCT.2024 11:34:35

HIGH BAND EDGE BLOCK-10MHz-100%RB



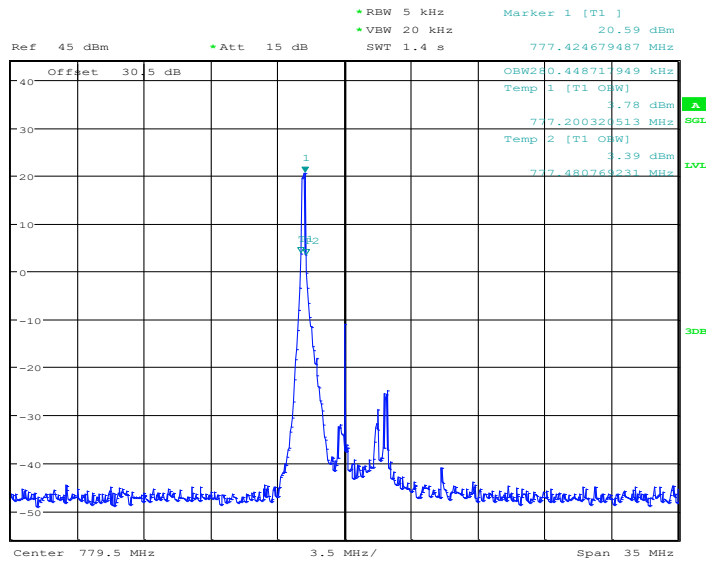
Date: 9.OCT.2024 11:36:08

LTE band 13

OBW: 1RB-low_offset

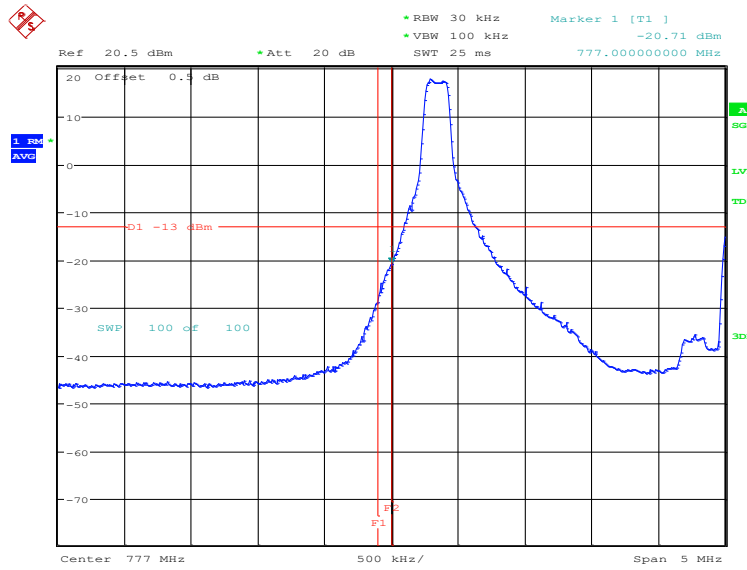


1 dB
MARKER

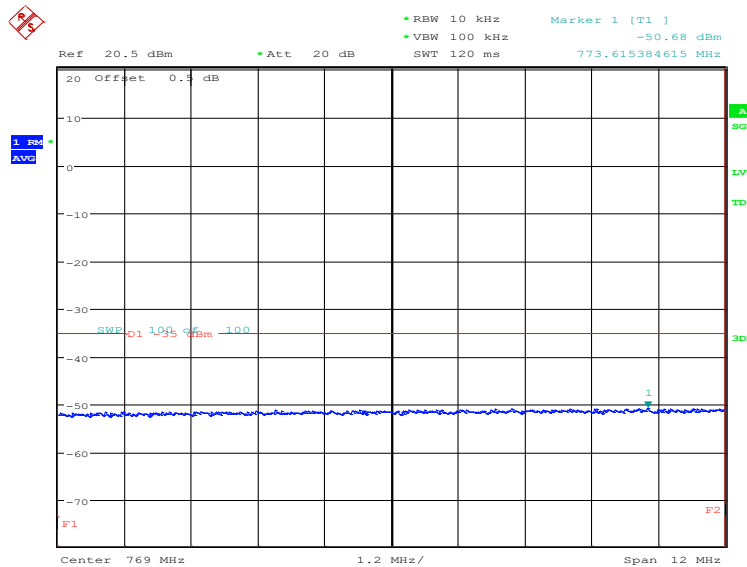


Date: 18.NOV.2024 09:59:50

LOW BAND EDGE BLOCK-1RB-low_offset

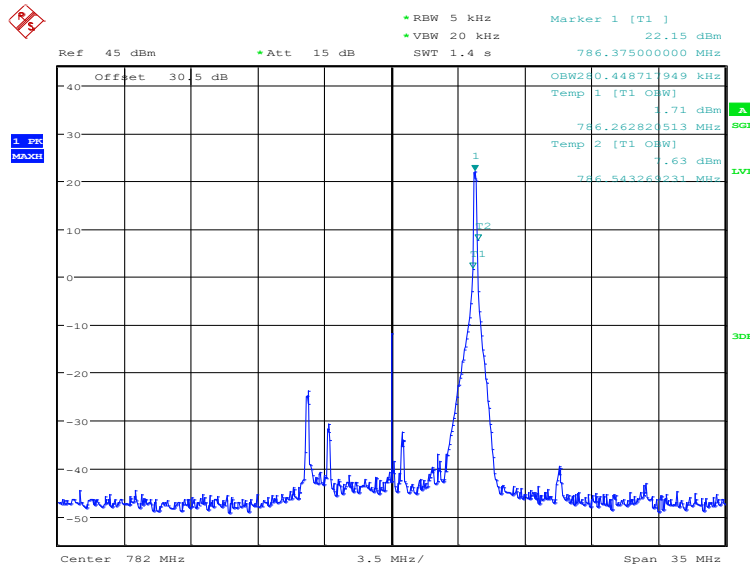


Date: 18.NOV.2024 10:00:09



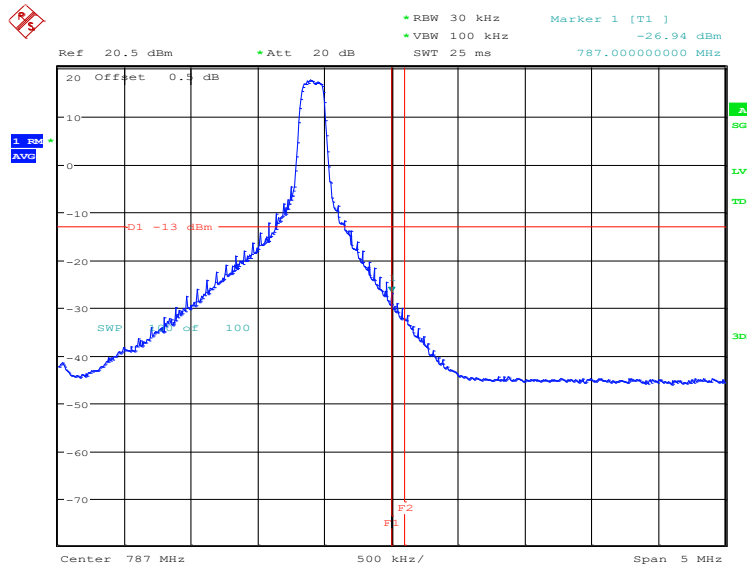
Date: 18.NOV.2024 10:00:49

OBW: 1RB-high_offset

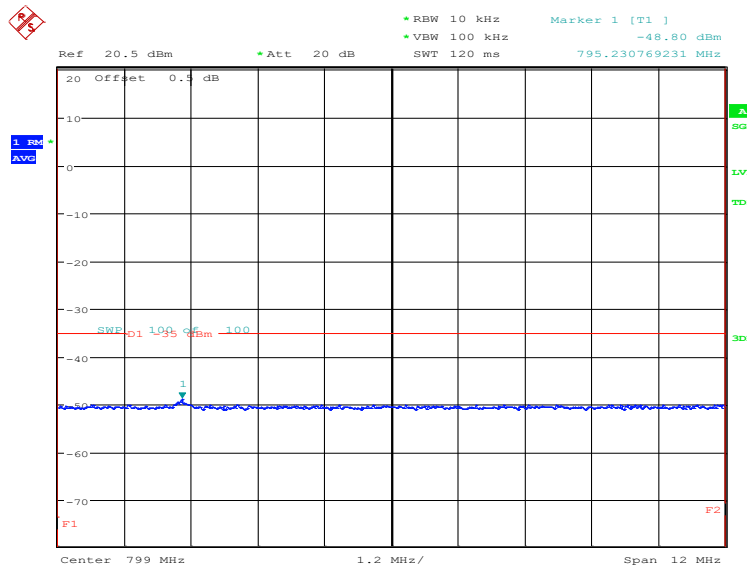


Date: 18.NOV.2024 10:01:27

HIGH BAND EDGE BLOCK-1RB-high_offset

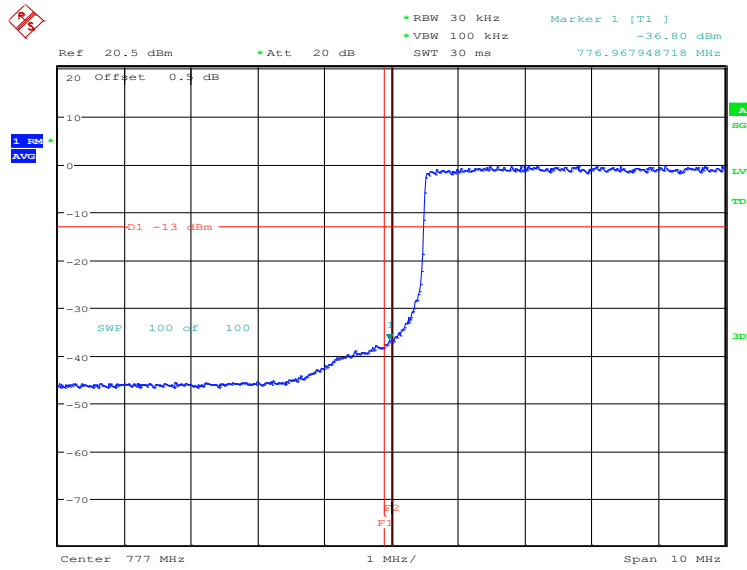


Date: 18.NOV.2024 10:01:47

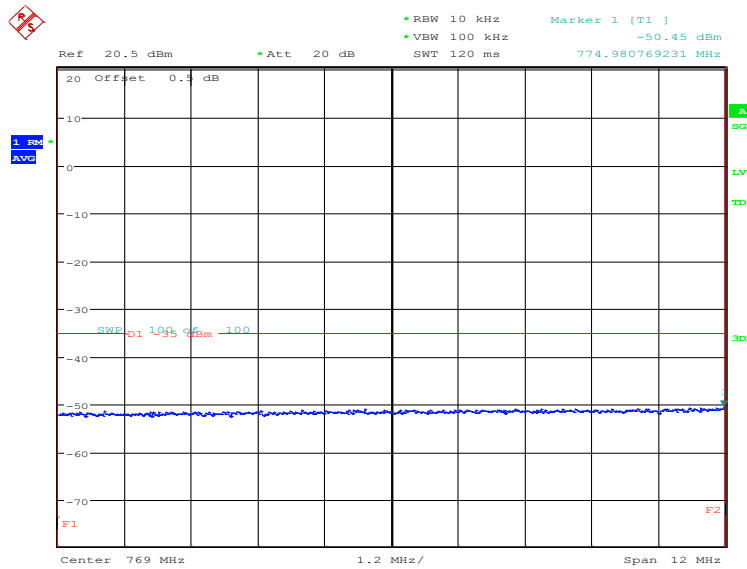


Date: 18.NOV.2024 10:02:27

LOW BAND EDGE BLOCK-10MHz-100%RB

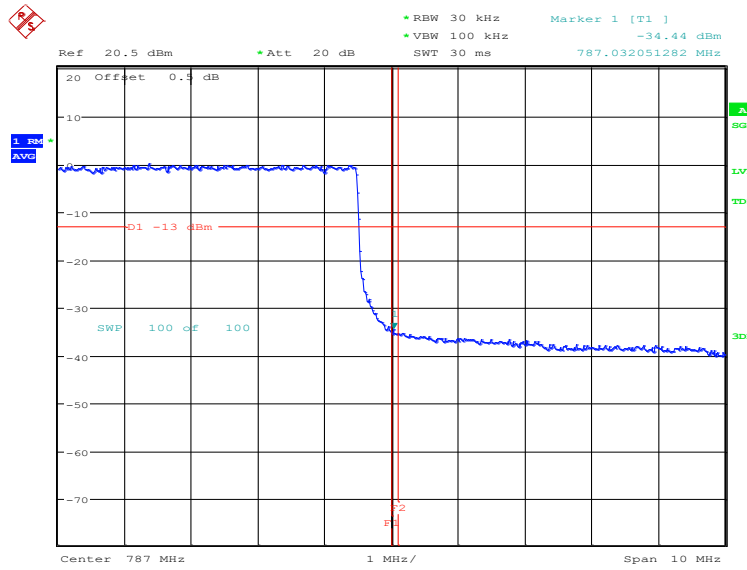


Date: 9.OCT.2024 11:37:42

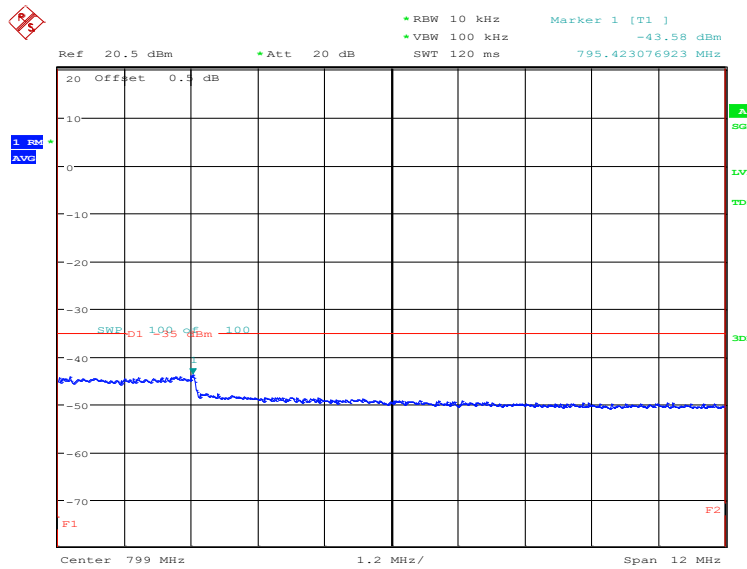


Date: 9.OCT.2024 11:38:21

HIGH BAND EDGE BLOCK-10MHz-100%RB



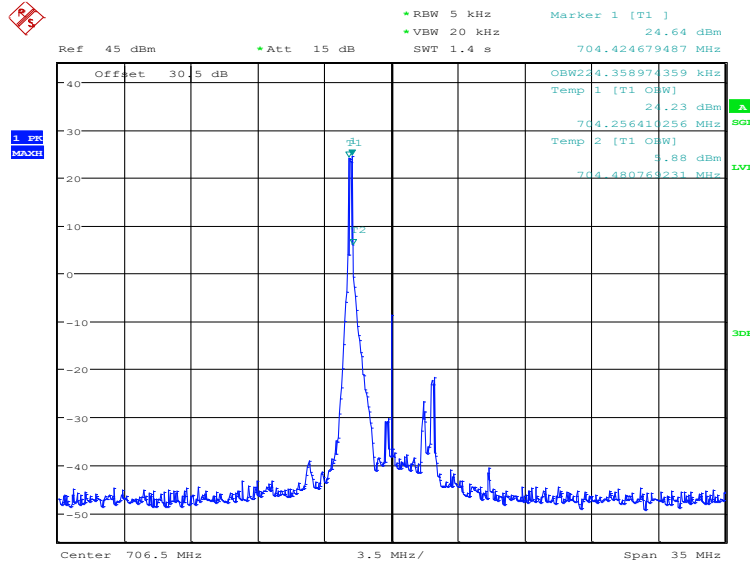
Date: 9.OCT.2024 11:39:53



Date: 9.OCT.2024 11:40:33

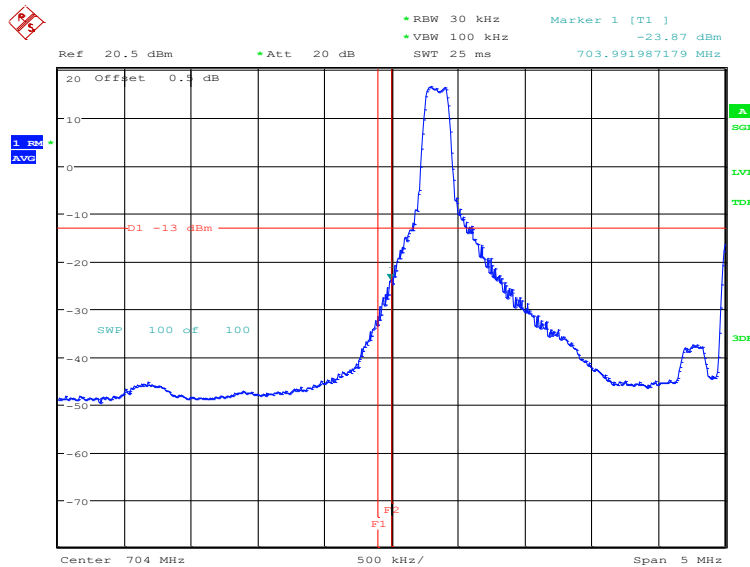
LTE band 17

OBW: 1RB-low_offset



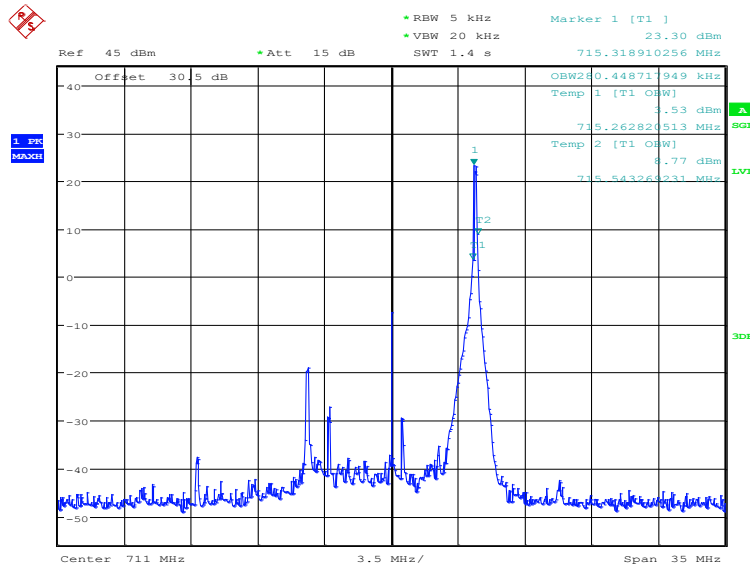
Date: 19.NOV.2024 14:09:58

LOW BAND EDGE BLOCK-1RB-low_offset



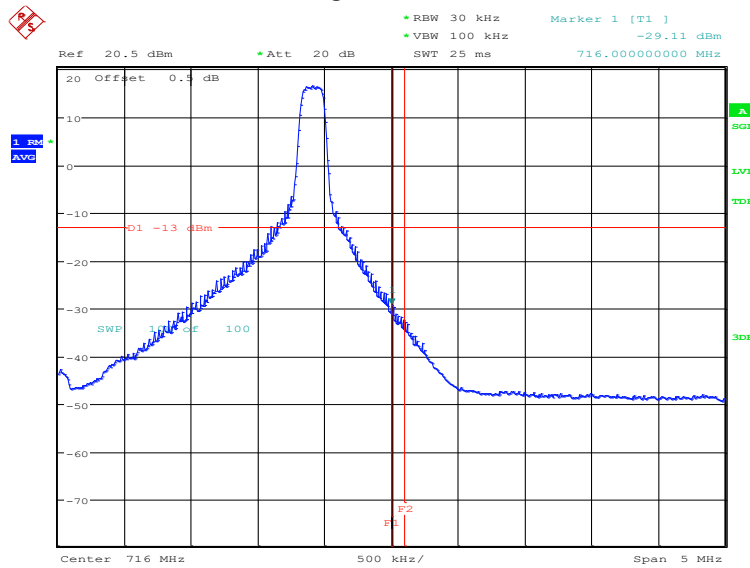
Date: 19.NOV.2024 14:10:18

OBW: 1RB-high_offset



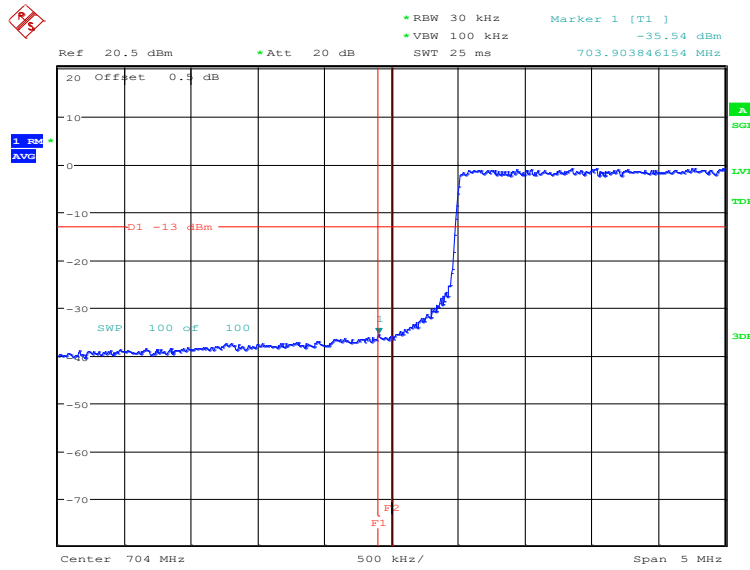
Date: 18.NOV.2024 10:09:10

HIGH BAND EDGE BLOCK-1RB-high_offset



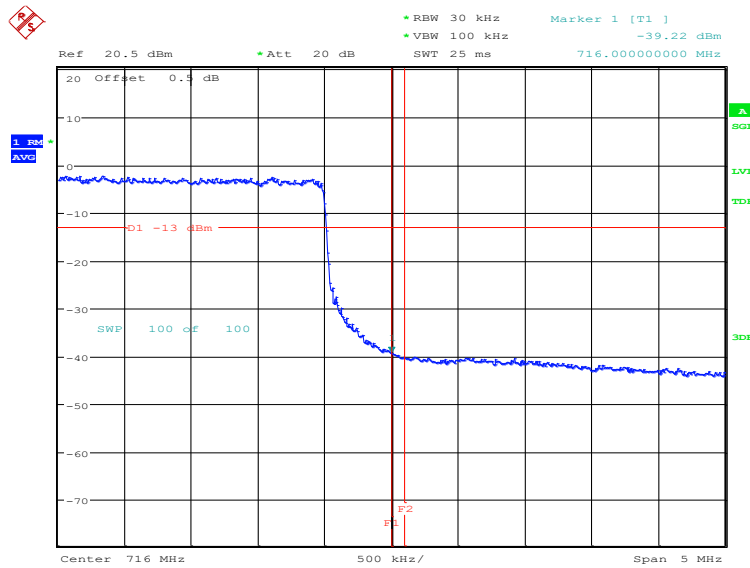
Date: 18.NOV.2024 10:09:30

LOW BAND EDGE BLOCK-10MHz-100%RB



Date: 18.NOV.2024 10:07:35

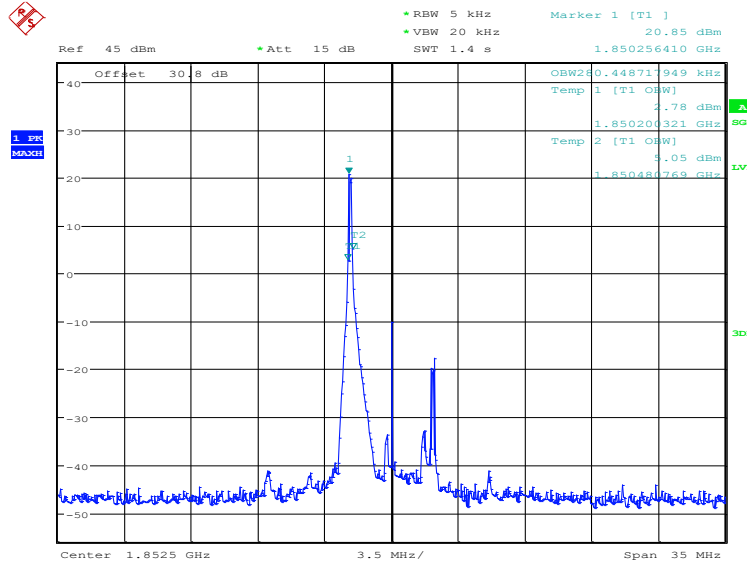
HIGH BAND EDGE BLOCK-10MHz-100%RB



Date: 18.NOV.2024 10:12:22

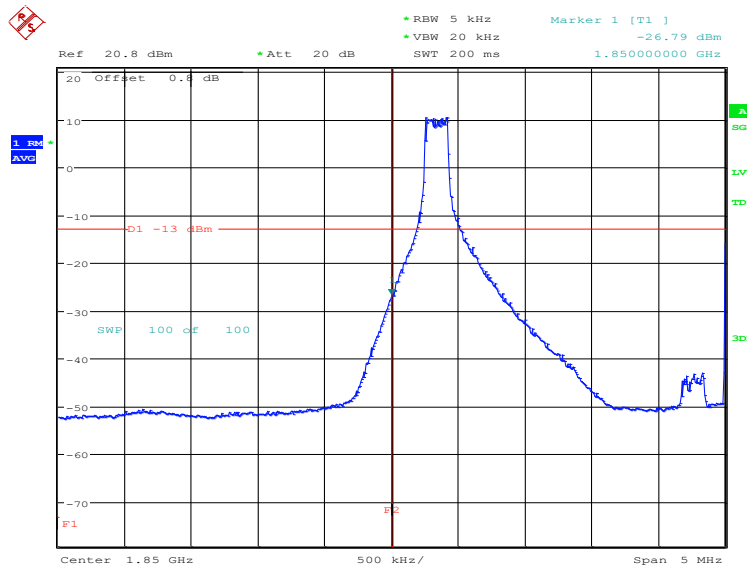
LTE band 25

OBW: 1RB-low_offset



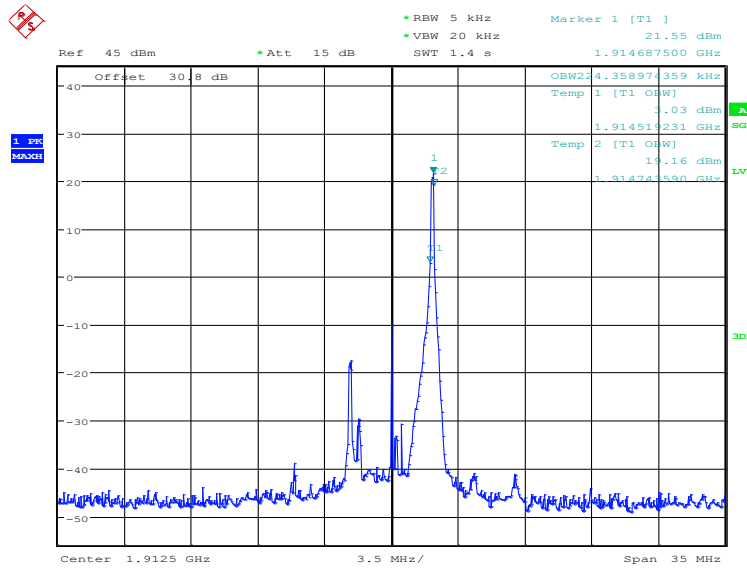
Date: 18.NOV.2024 15:13:22

LOW BAND EDGE BLOCK-1RB-low_offset



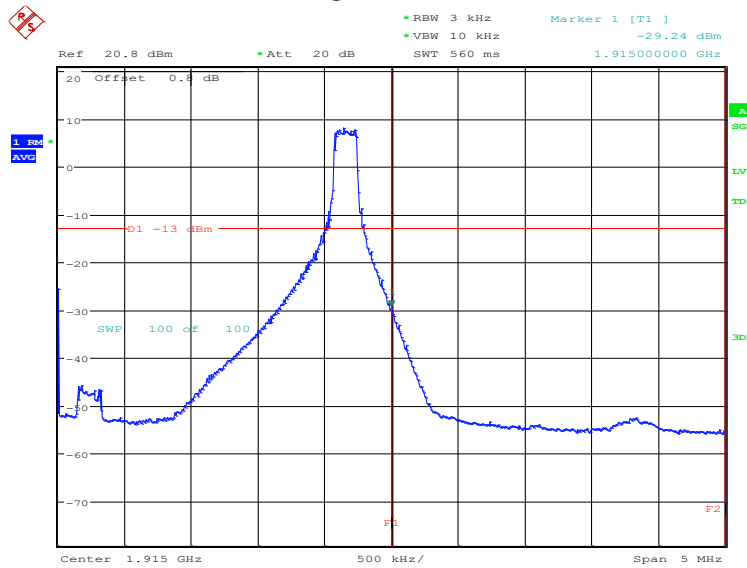
Date: 18.NOV.2024 15:14:36

OBW: 1RB-high_offset



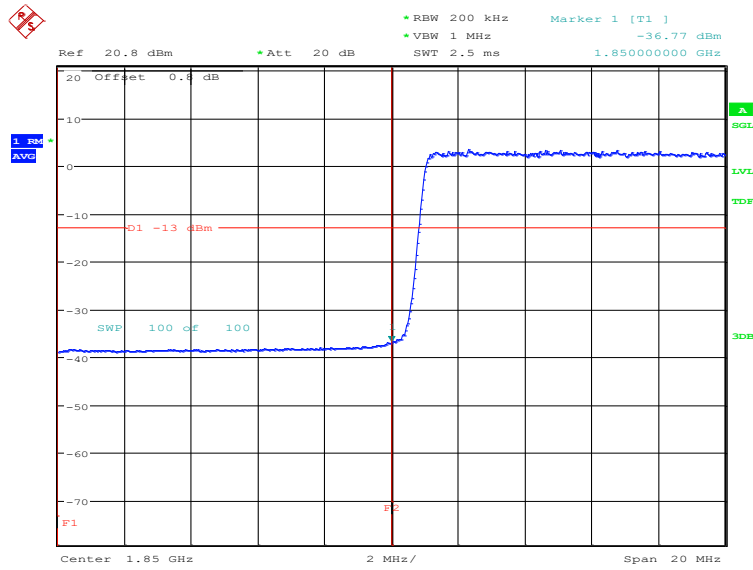
Date: 18.NOV.2024 15:15:13

HIGH BAND EDGE BLOCK-1RB-high_offset



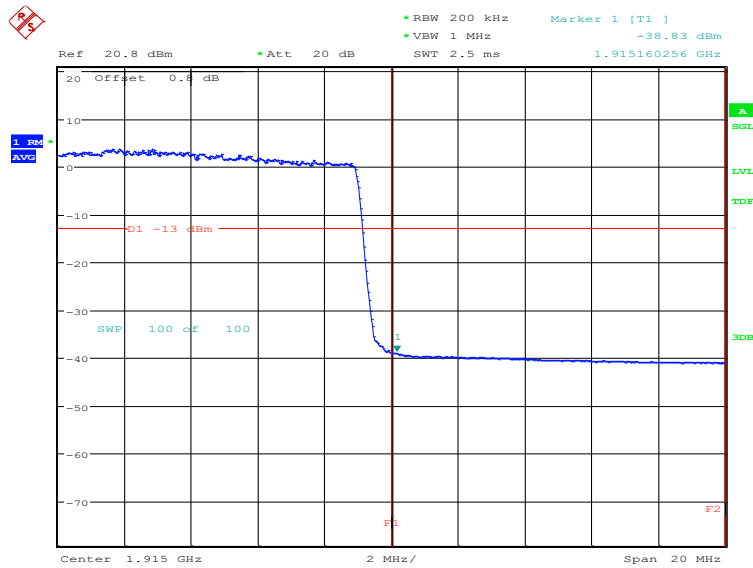
Date: 18.NOV.2024 15:16:27

LOW BAND EDGE BLOCK-20MHz-100%RB



Date: 9.OCT.2024 09:54:18

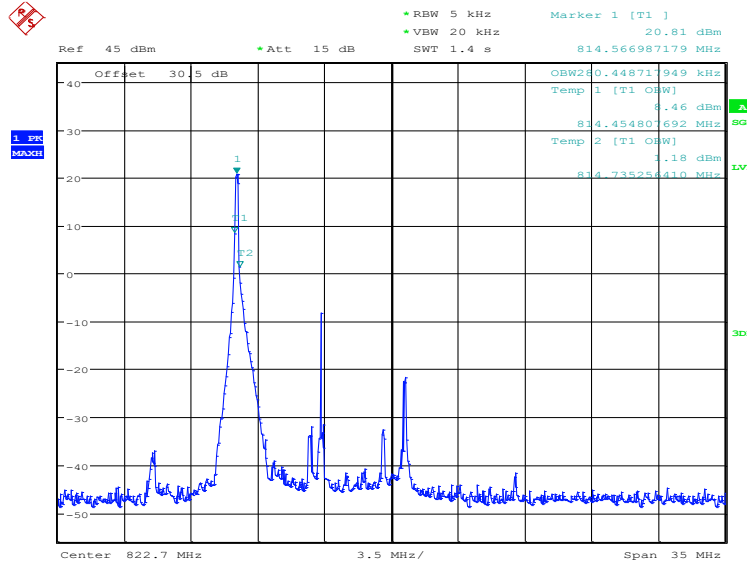
HIGH BAND EDGE BLOCK-20MHz-100%RB



Date: 9.OCT.2024 09:55:50

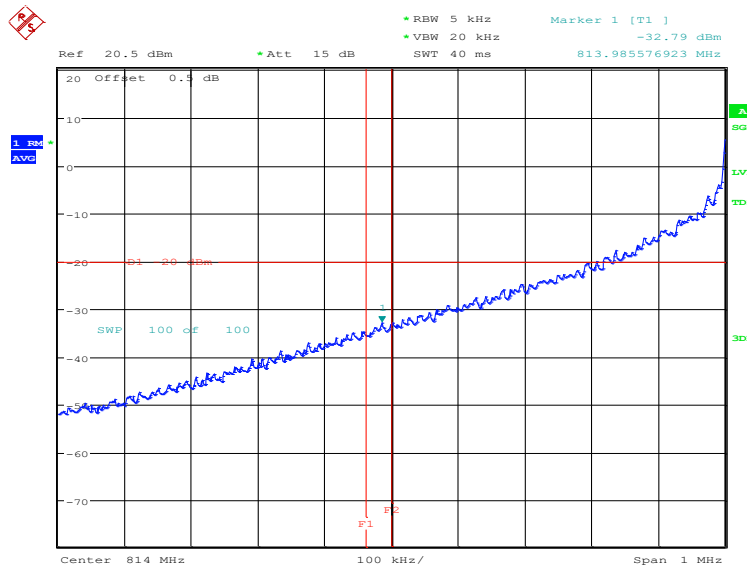
LTE band 26(814MHz~824MHz)

OBW: 1RB-low_offset



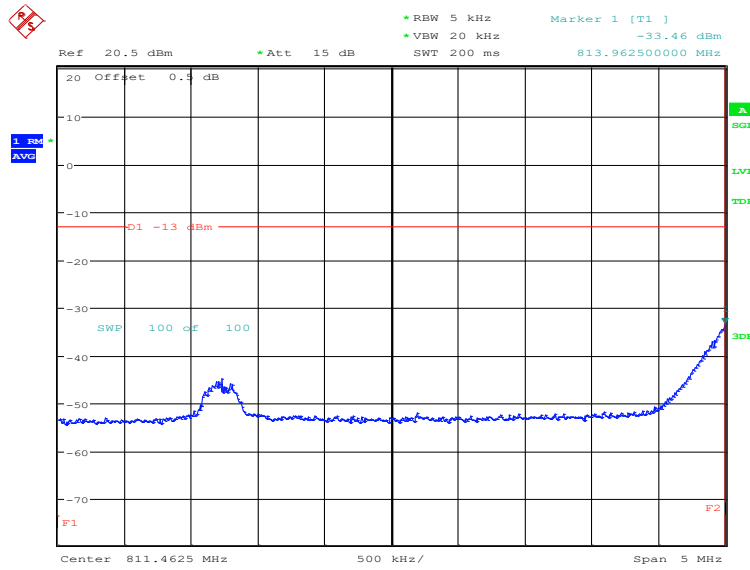
Date: 18.NOV.2024 10:30:22

LOW BAND EDGE BLOCK-1RB-low_offset



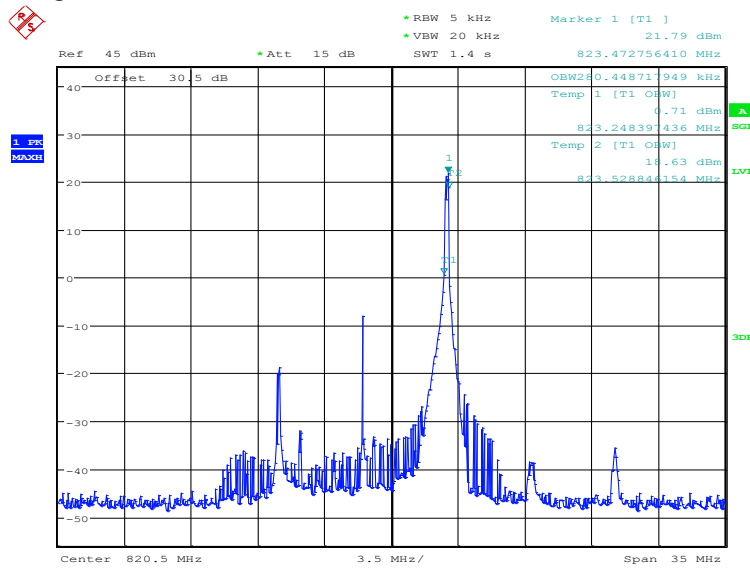
Date: 18.NOV.2024 10:31:46

LOW Emission Mask -1RB-low_offset



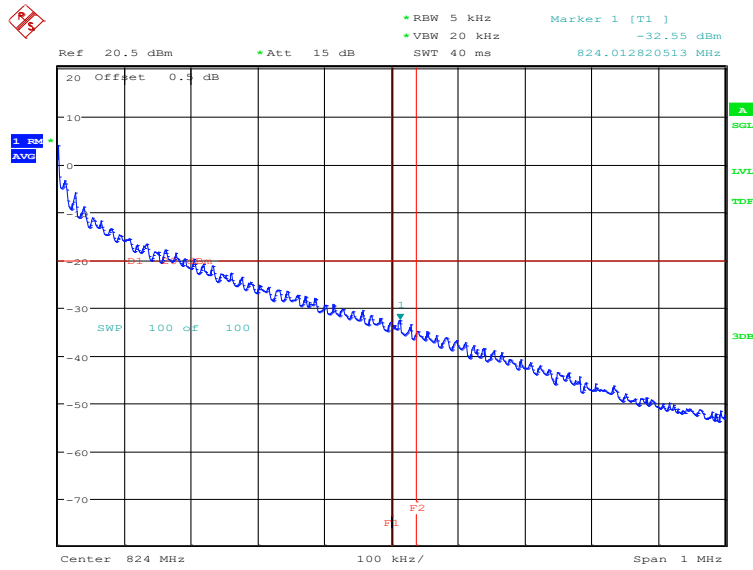
Date: 18.NOV.2024 10:33:27

OBW: 1RB-high_offset



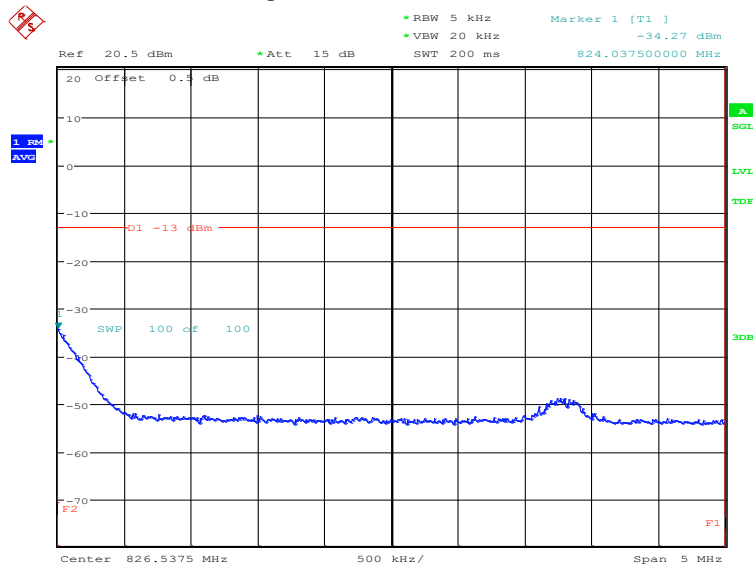
Date: 18.NOV.2024 10:34:04

HIGH BAND EDGE BLOCK-1RB-high_offset



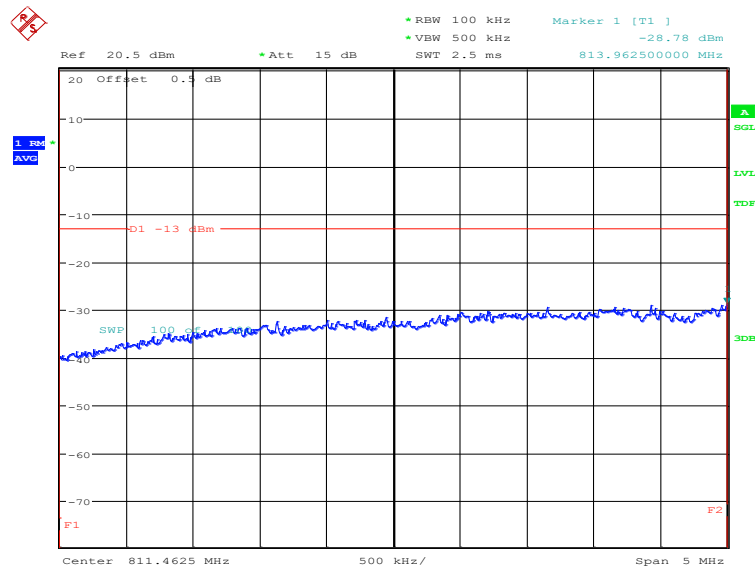
Date: 18.NOV.2024 10:35:28

HIGH Emission Mask -1RB-high_offset



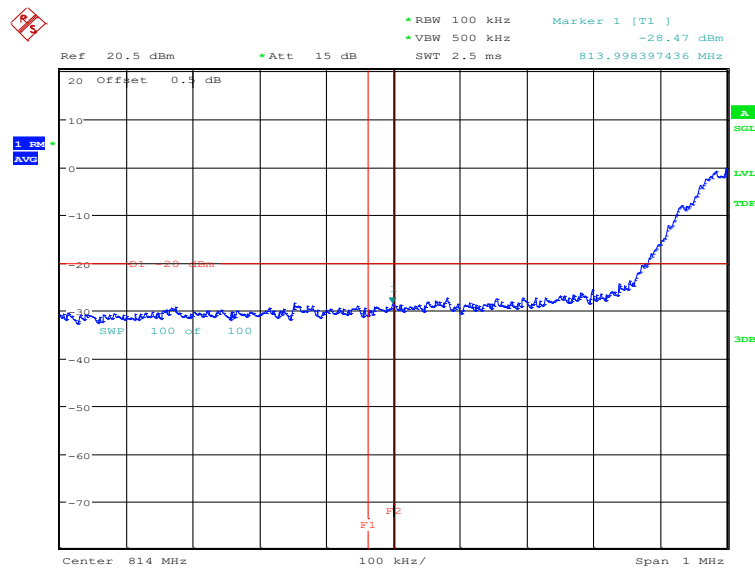
Date: 18.NOV.2024 10:37:09

LOW Emission Mask -10MHz-100%RB



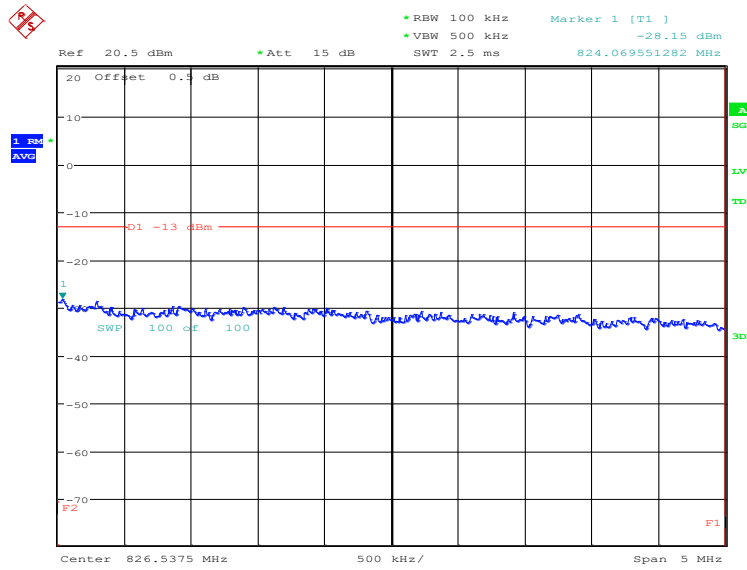
Date: 9.OCT.2024 12:02:42

LOW BAND EDGE BLOCK-10MHz-100%RB



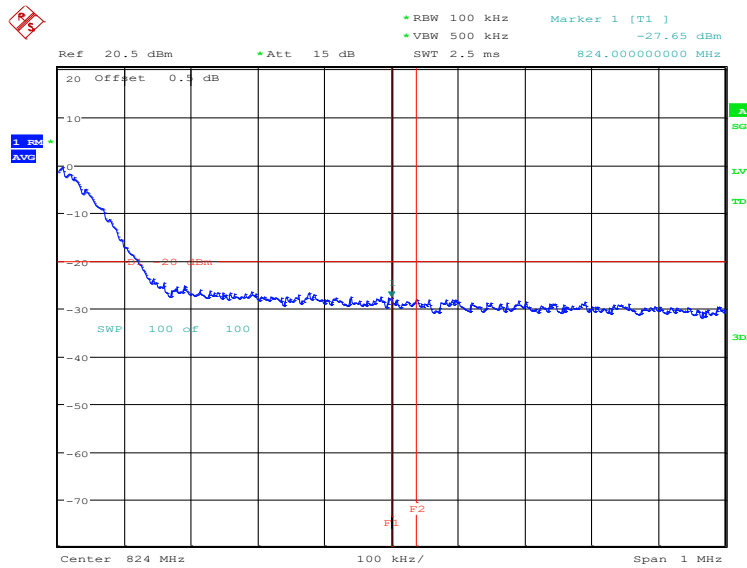
Date: 9.OCT.2024 12:02:20

HIGH Emission Mask -10MHz-100%RB



Date: 9.OCT.2024 12:04:40

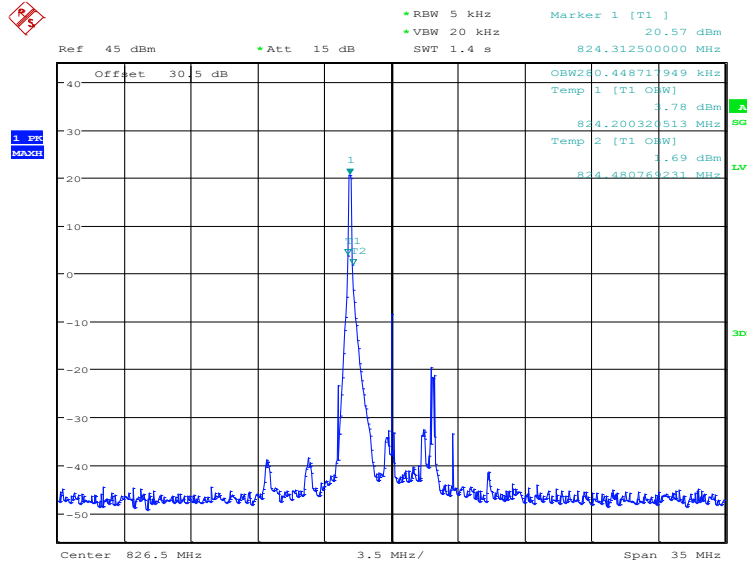
HIGH BAND EDGE BLOCK-10MHz-100%RB



Date: 9.OCT.2024 12:04:17

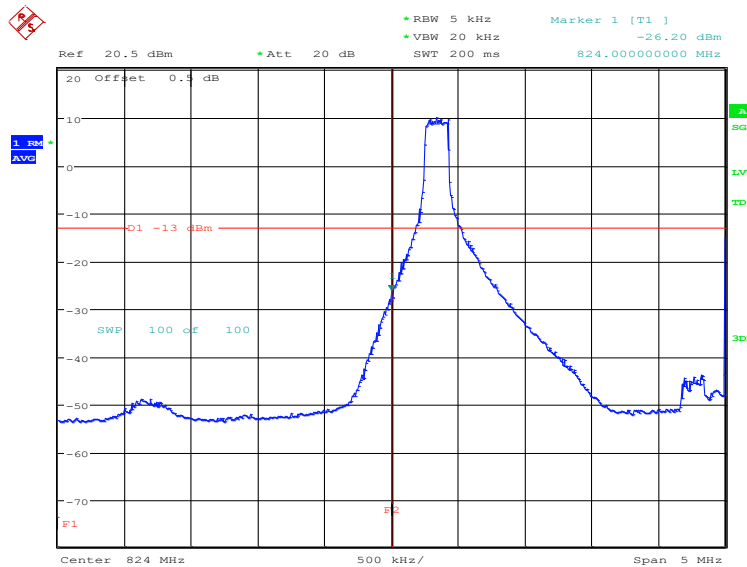
LTE band 26(824MHz~849MHz)

OBW: 1RB-low_offset



Date: 18.NOV.2024 10:14:56

LOW BAND EDGE BLOCK-1RB-low_offset



Date: 18.NOV.2024 10:16:11



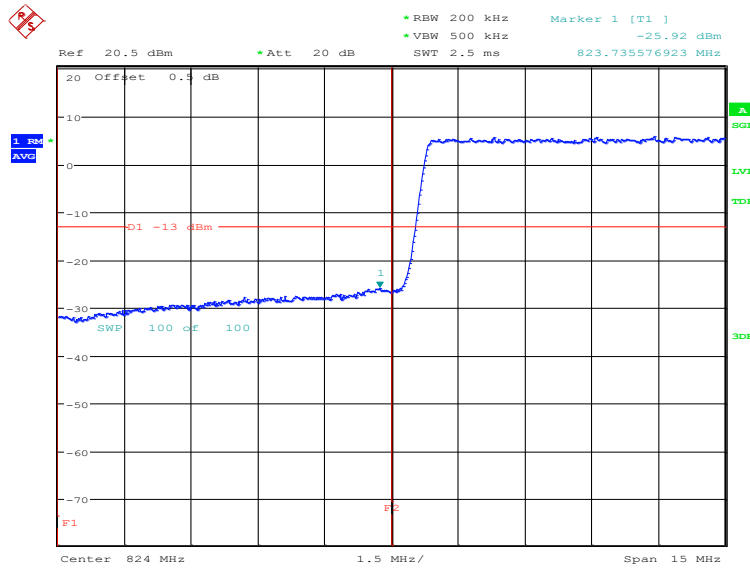
OBW: 1RB-high_offset



HIGH BAND EDGE BLOCK-1RB-high_offset

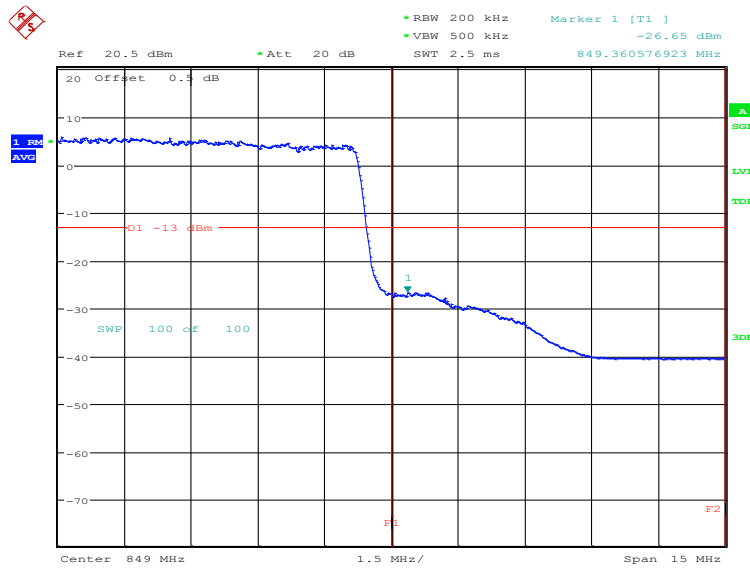


LOW BAND EDGE BLOCK-15MHz-100%RB



Date: 9.OCT.2024 11:42:09

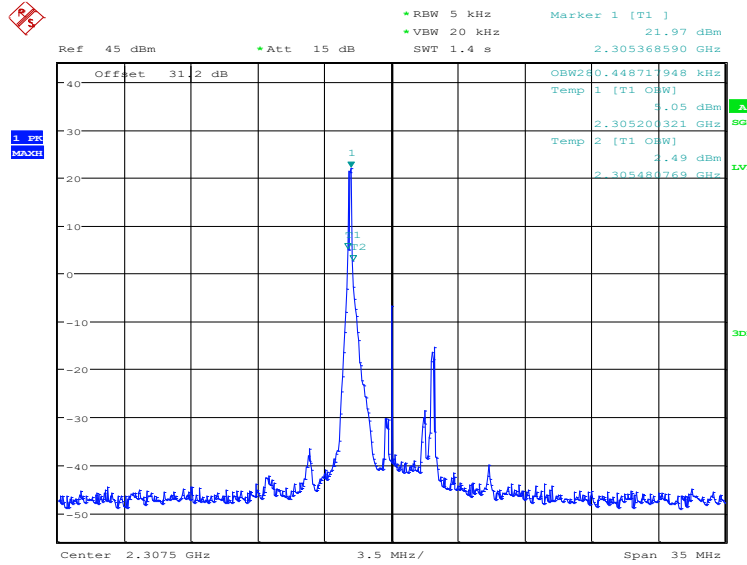
HIGH BAND EDGE BLOCK-15MHz-100%RB



Date: 9.OCT.2024 11:43:41

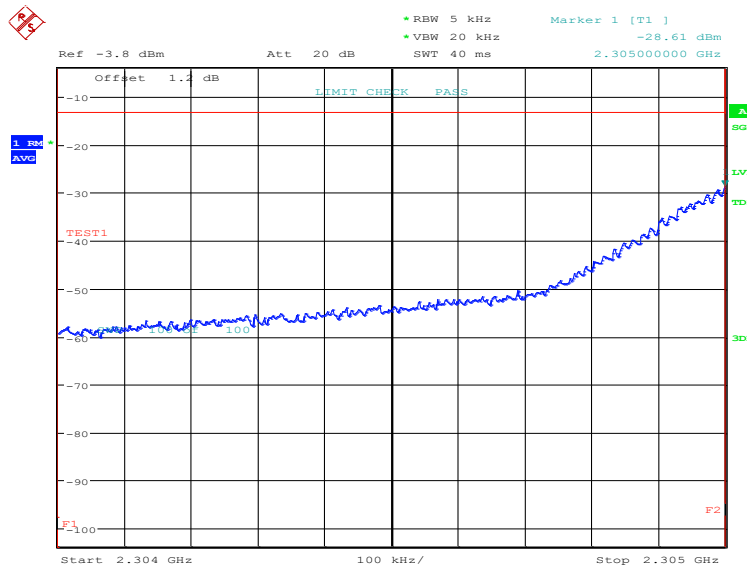
LTE band 30

OBW: 1RB-low_offset

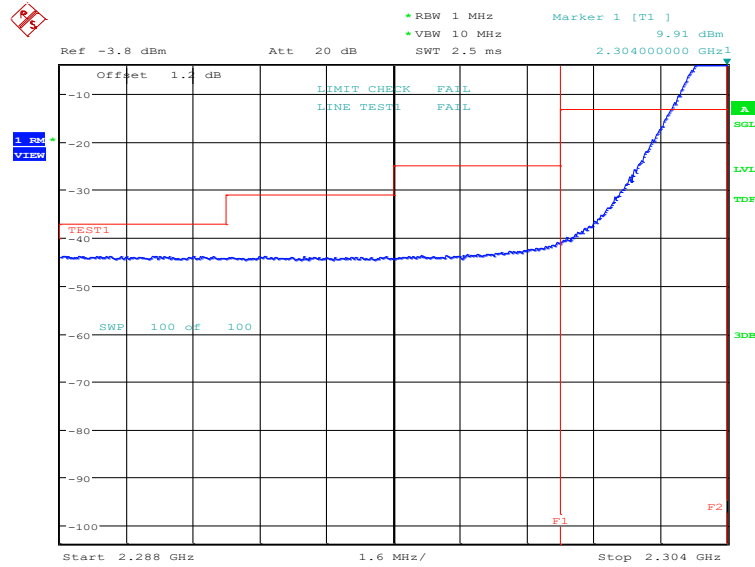


Date: 18.NOV.2024 09:14:25

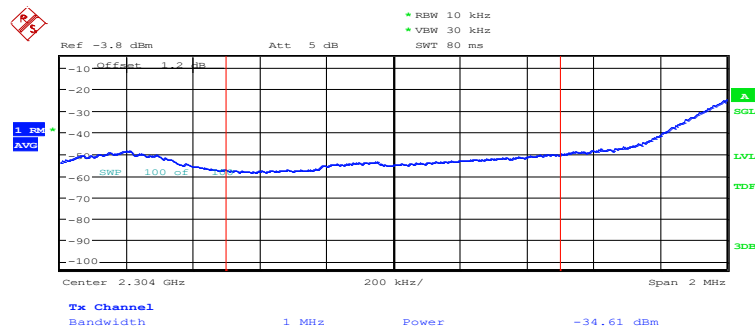
LOW BAND EDGE BLOCK-1RB-low_offset



Date: 18.NOV.2024 09:15:46

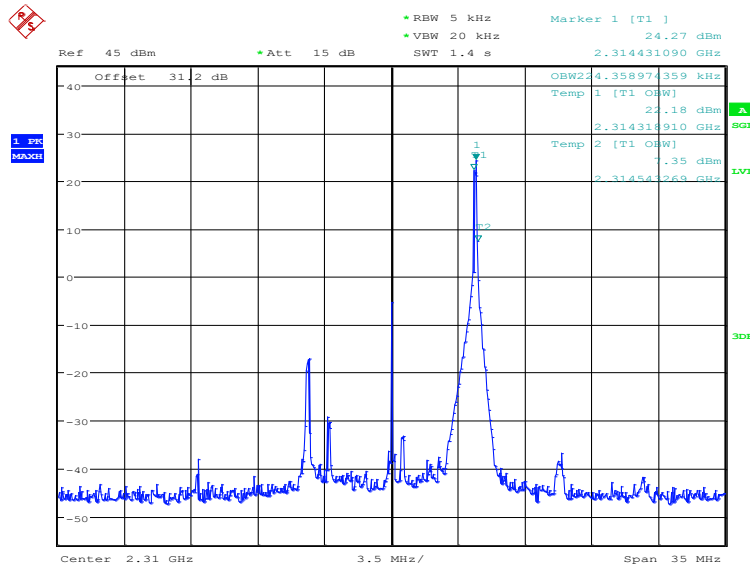


Date: 18.NOV.2024 09:17:39



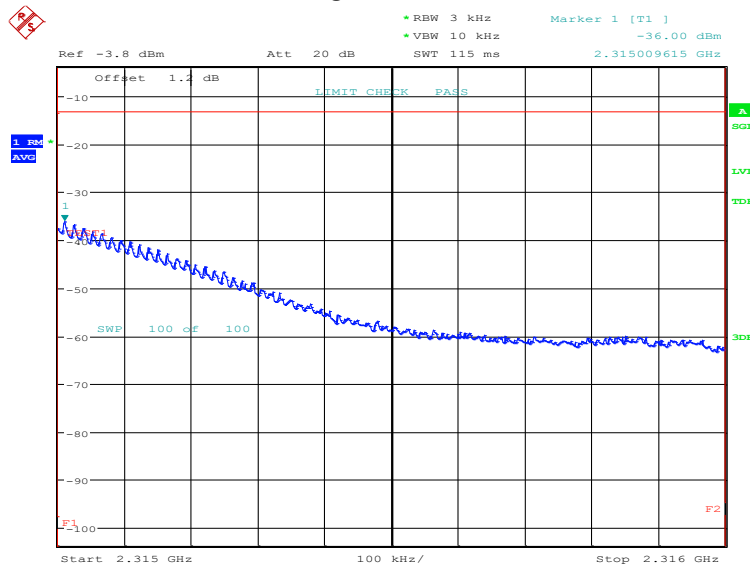
Date: 18.NOV.2024 09:18:07

OBW: 1RB-high_offset

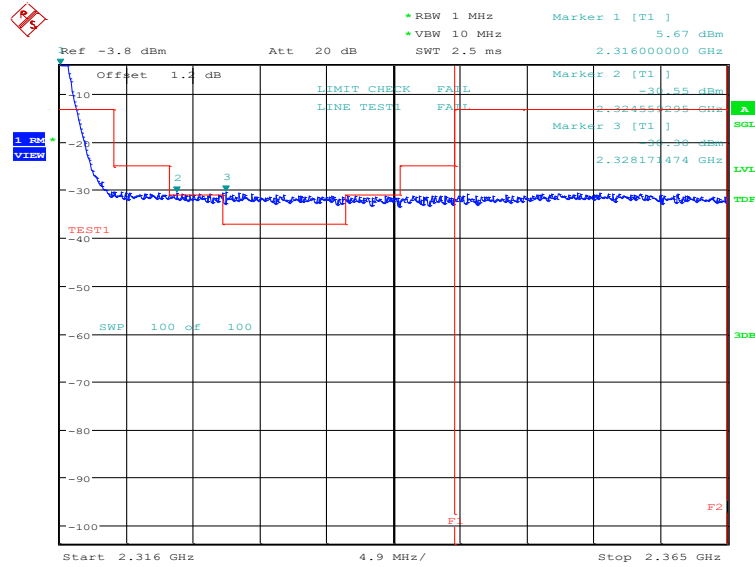


Date: 18.NOV.2024 09:18:44

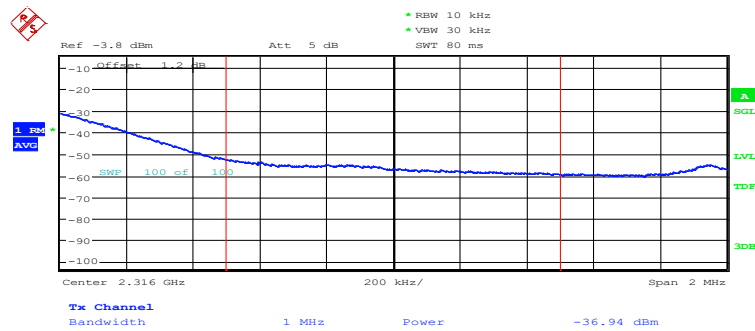
HIGH BAND EDGE BLOCK-1RB-high_offset



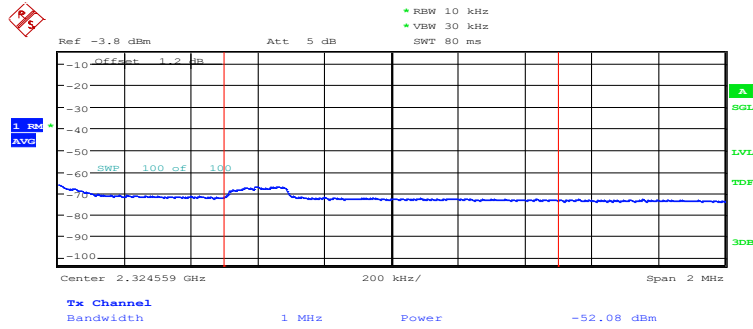
Date: 18.NOV.2024 09:20:13



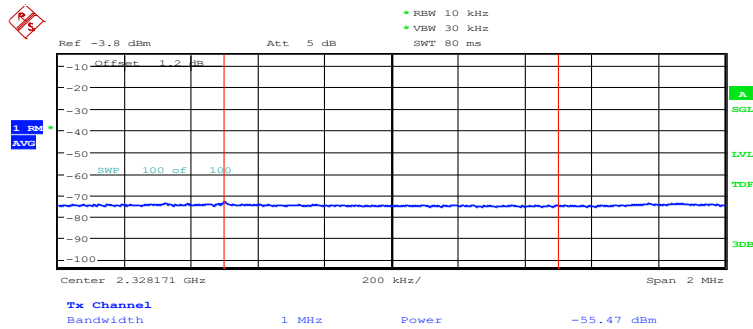
Date: 18.NOV.2024 09:22:13



Date: 18.NOV.2024 09:22:42

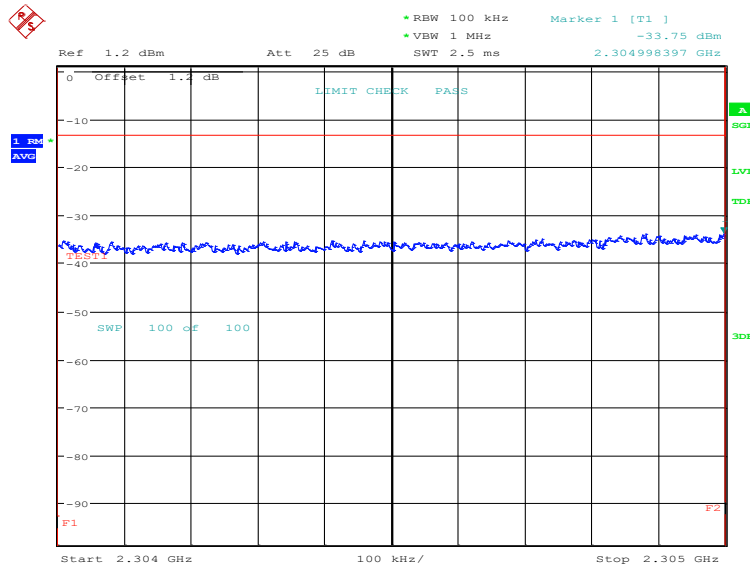


Date: 18.NOV.2024 09:23:07

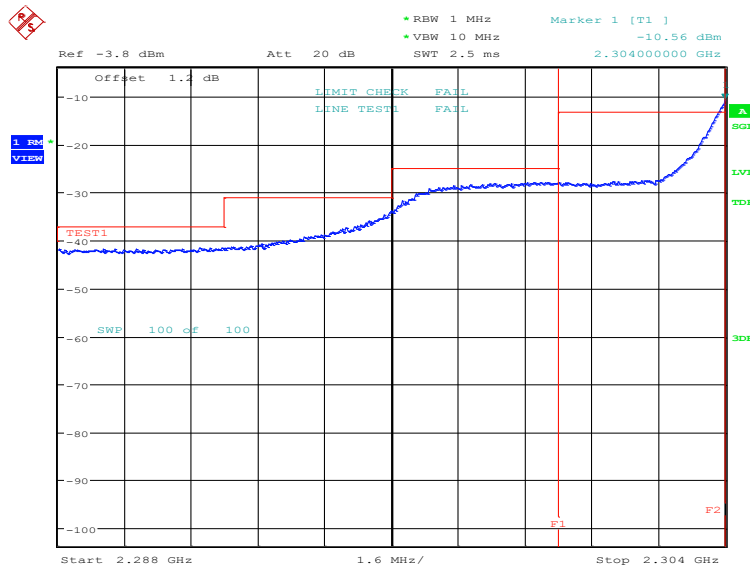


Date: 18.NOV.2024 09:23:33

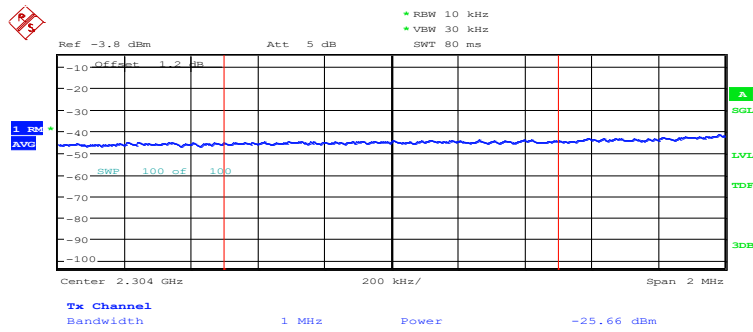
LOW BAND EDGE BLOCK-10MHz-100%RB



Date: 9.OCT.2024 15:47:19

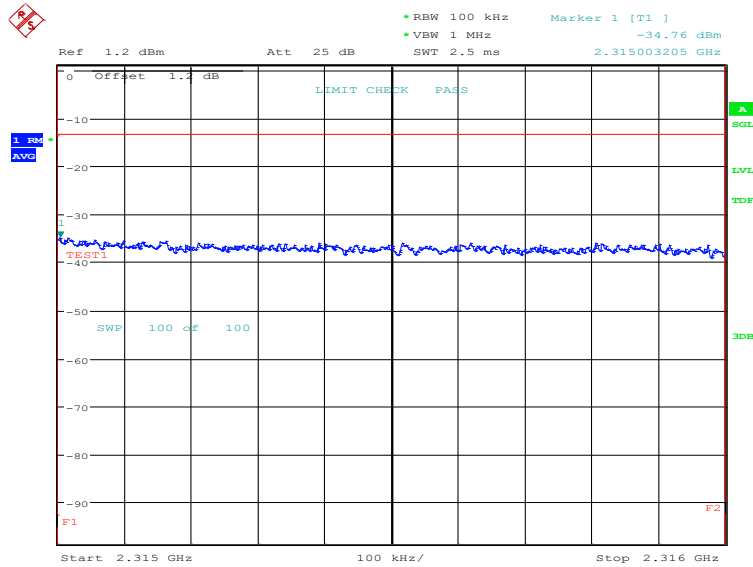


Date: 9.OCT.2024 15:49:10

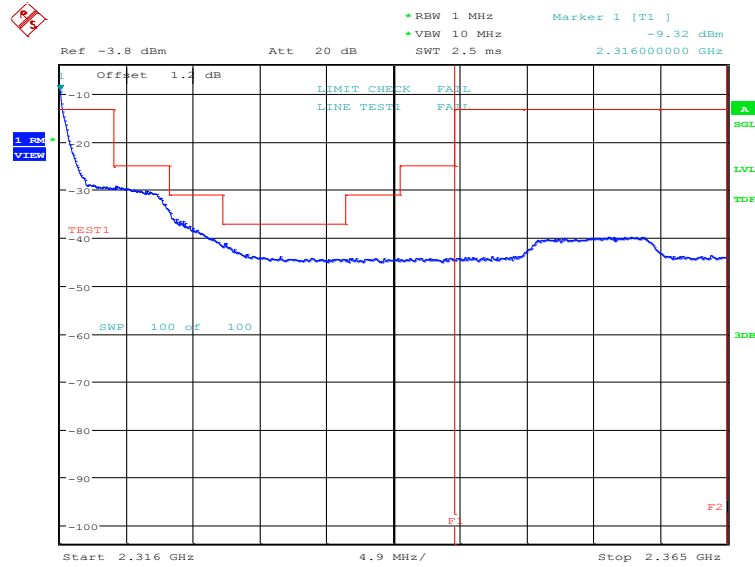


Date: 9.OCT.2024 15:49:38

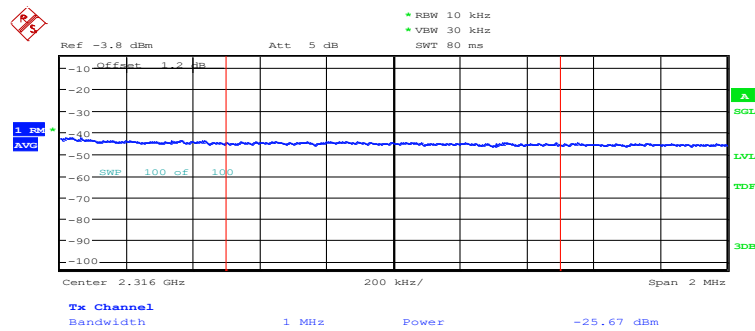
HIGH BAND EDGE BLOCK-10MHz-100%RB



Date: 9.OCT.2024 15:52:33



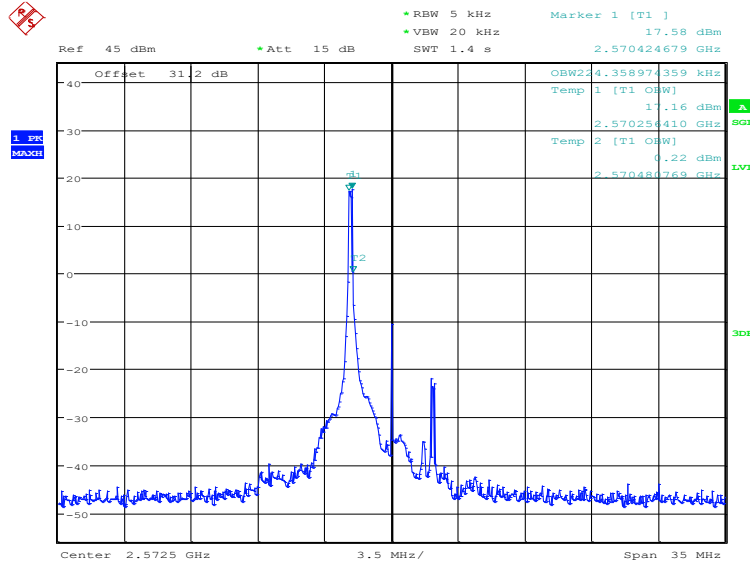
Date: 9.OCT.2024 15:54:31



Date: 9.OCT.2024 15:54:59

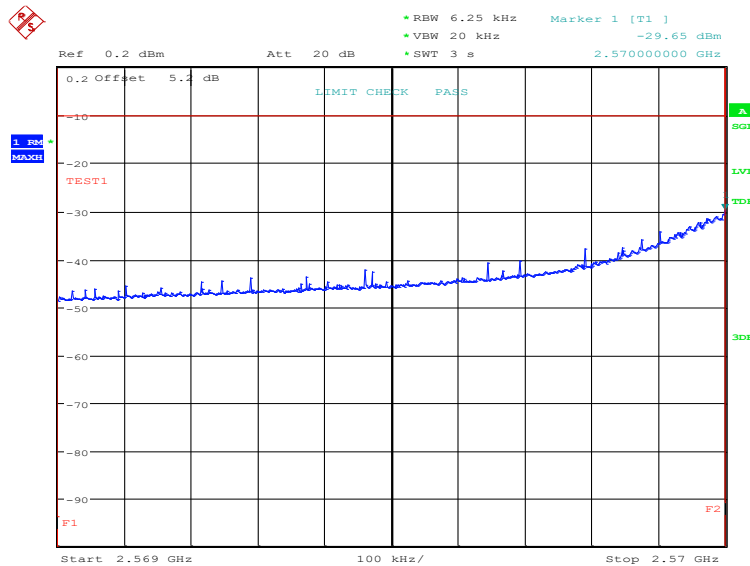
LTE band 38

OBW: 1RB-low_offset

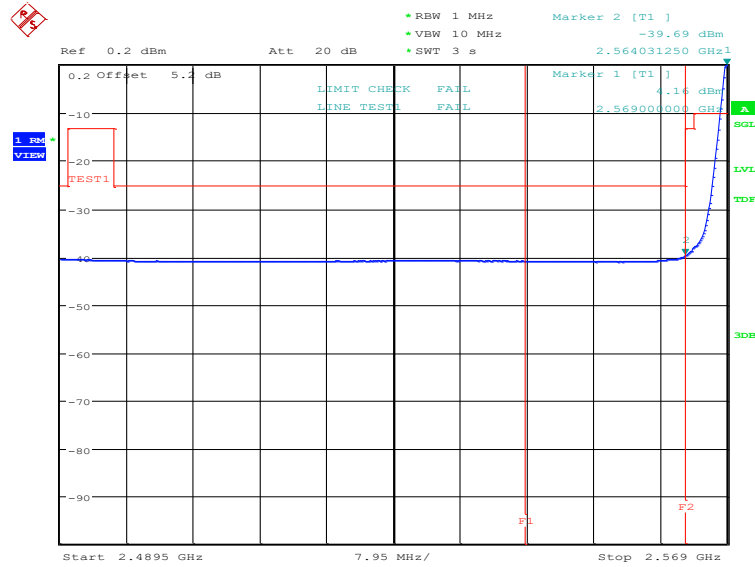


Date: 18.NOV.2024 12:06:52

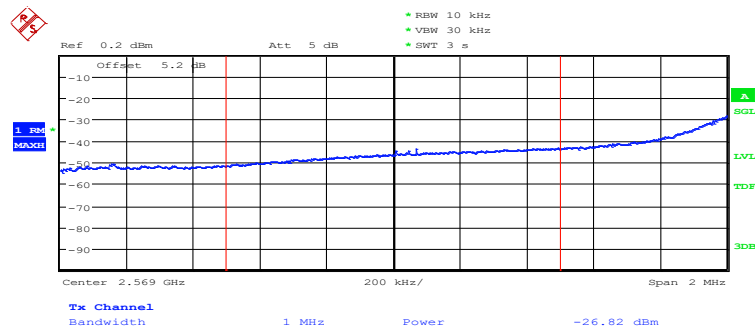
LOW BAND EDGE BLOCK-1RB-low_offset



Date: 18.NOV.2024 12:07:34

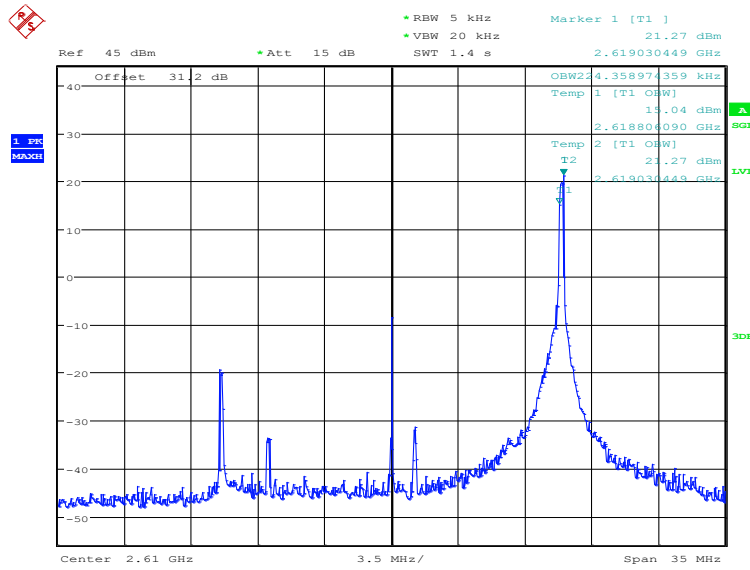


Date: 18.NOV.2024 12:08:21



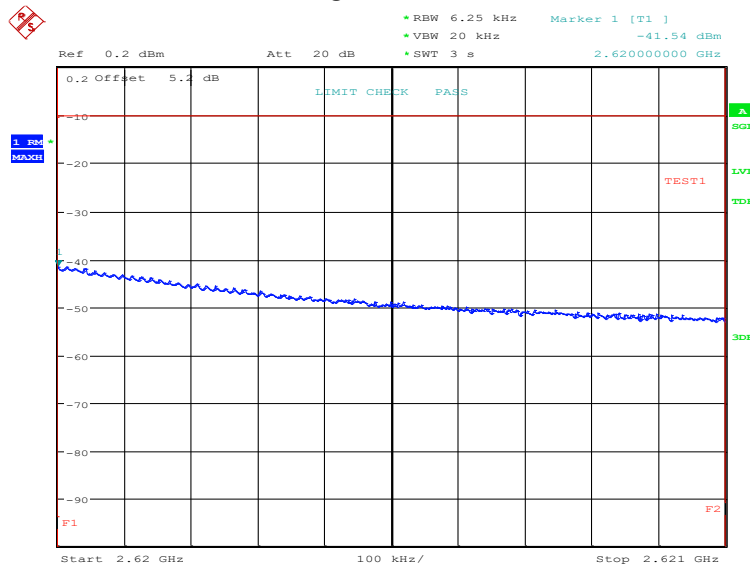
Date: 18.NOV.2024 12:08:39

OBW: 1RB-high_offset

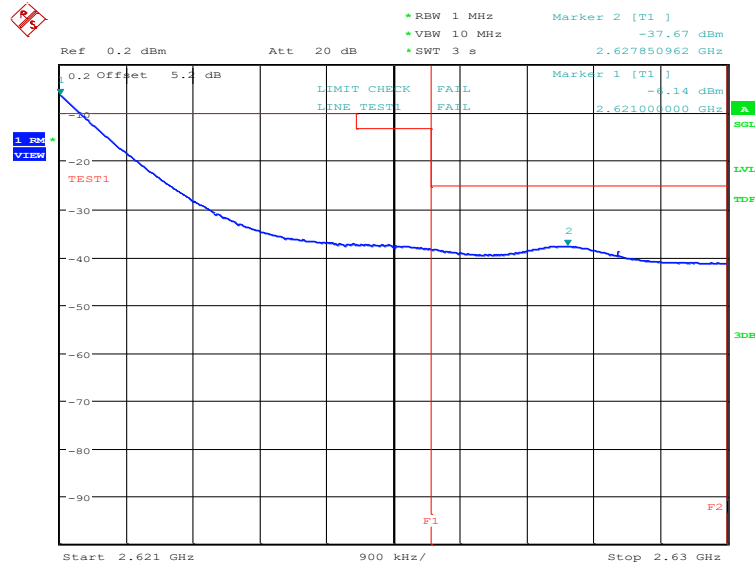


Date: 18.NOV.2024 12:11:51

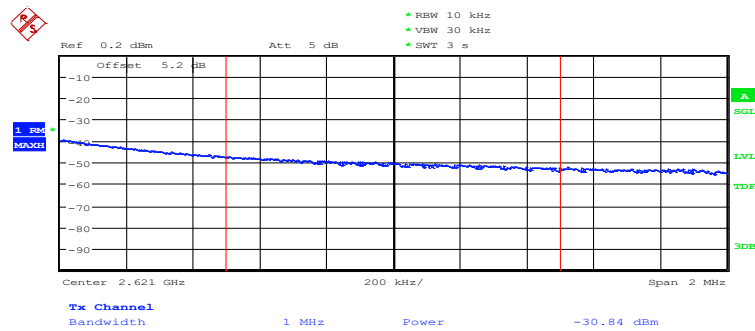
HIGH BAND EDGE BLOCK-1RB-high_offset



Date: 18.NOV.2024 12:12:32



Date: 18.NOV.2024 12:13:19



Date: 18.NOV.2024 12:13:37