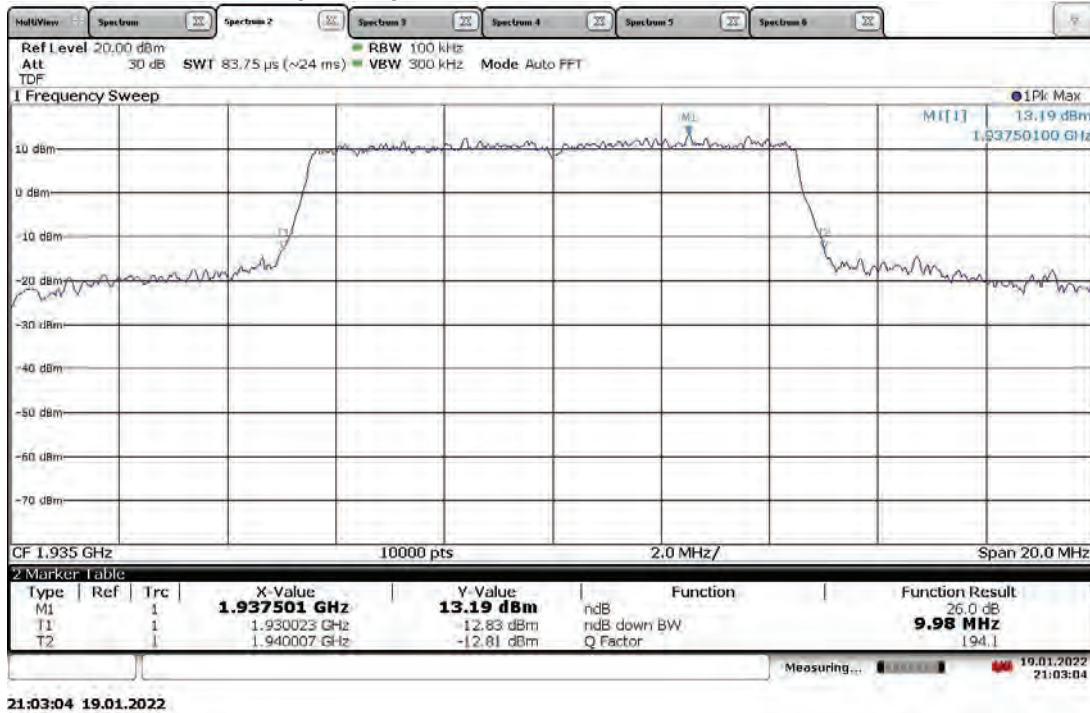
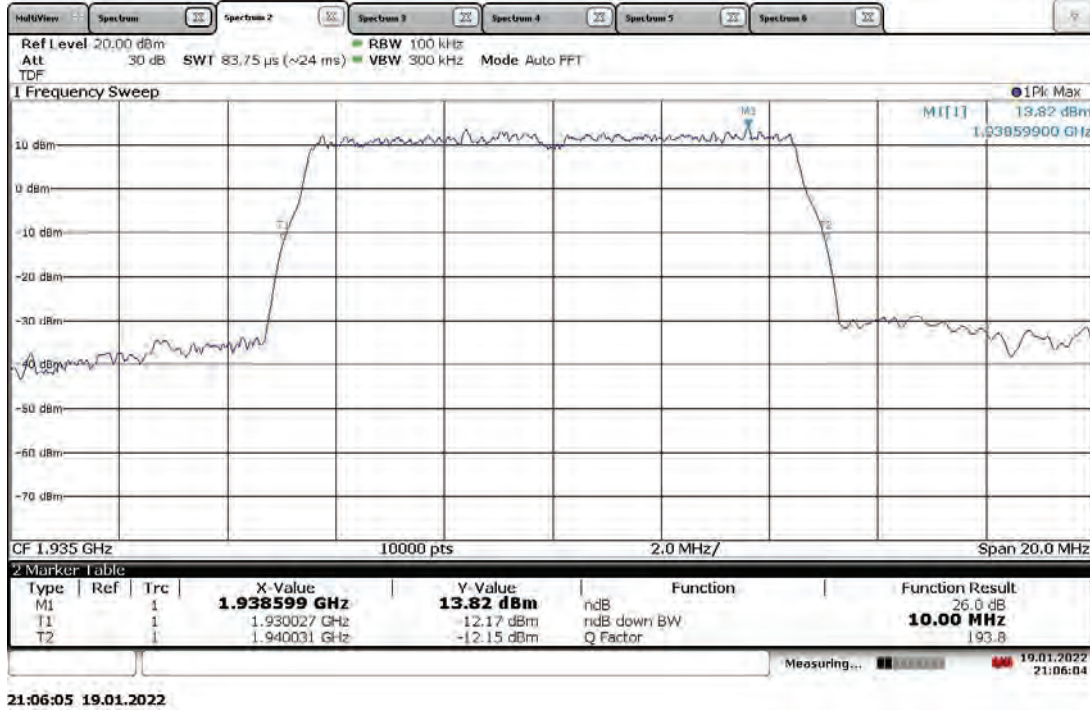


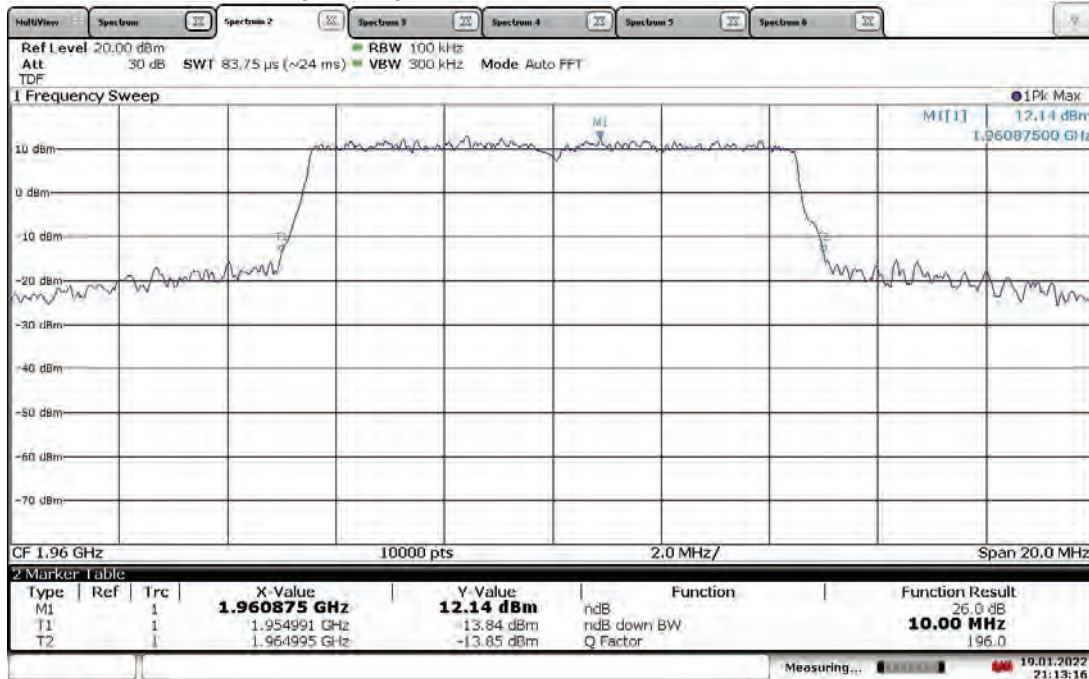
TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth



TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth

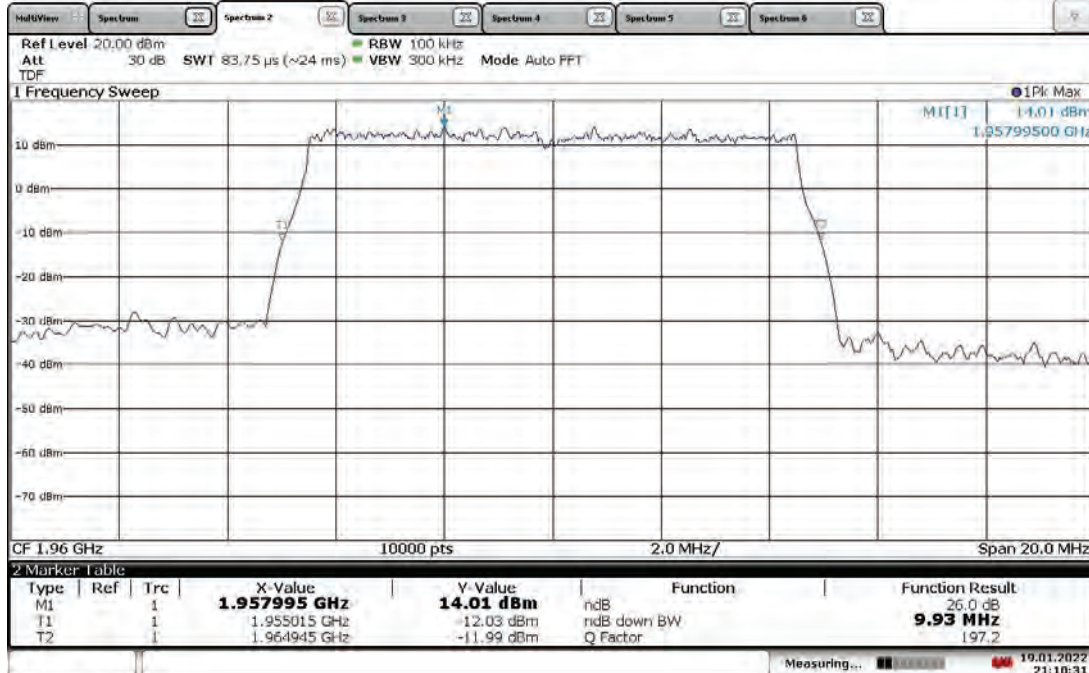


TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth



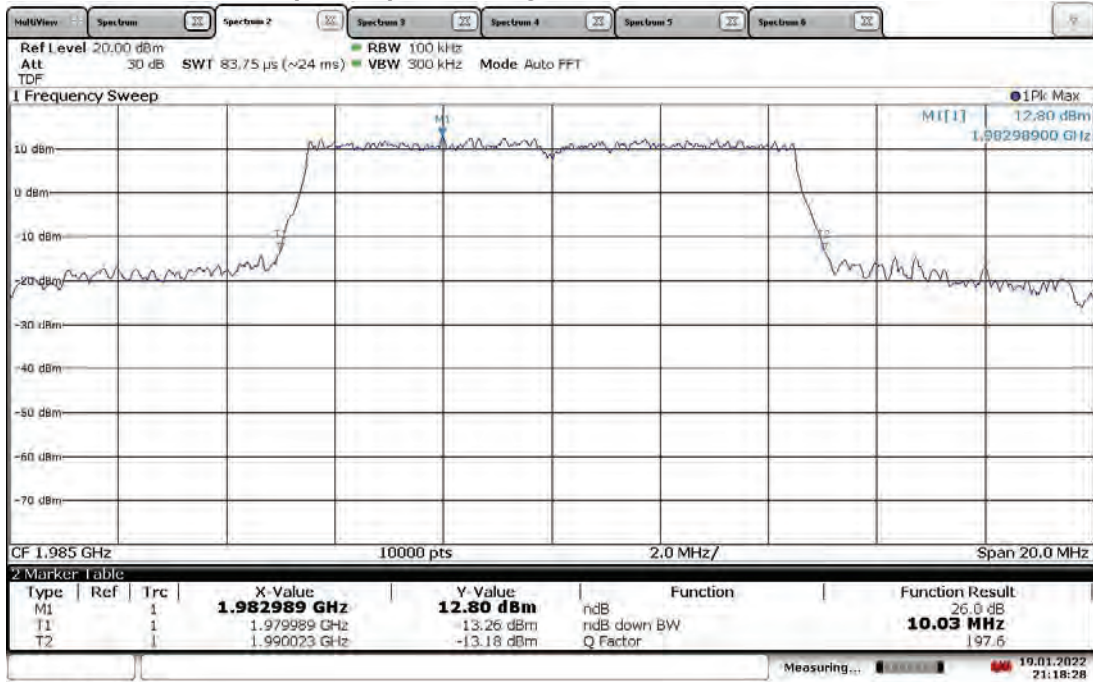
21:13:16 19.01.2022

TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth



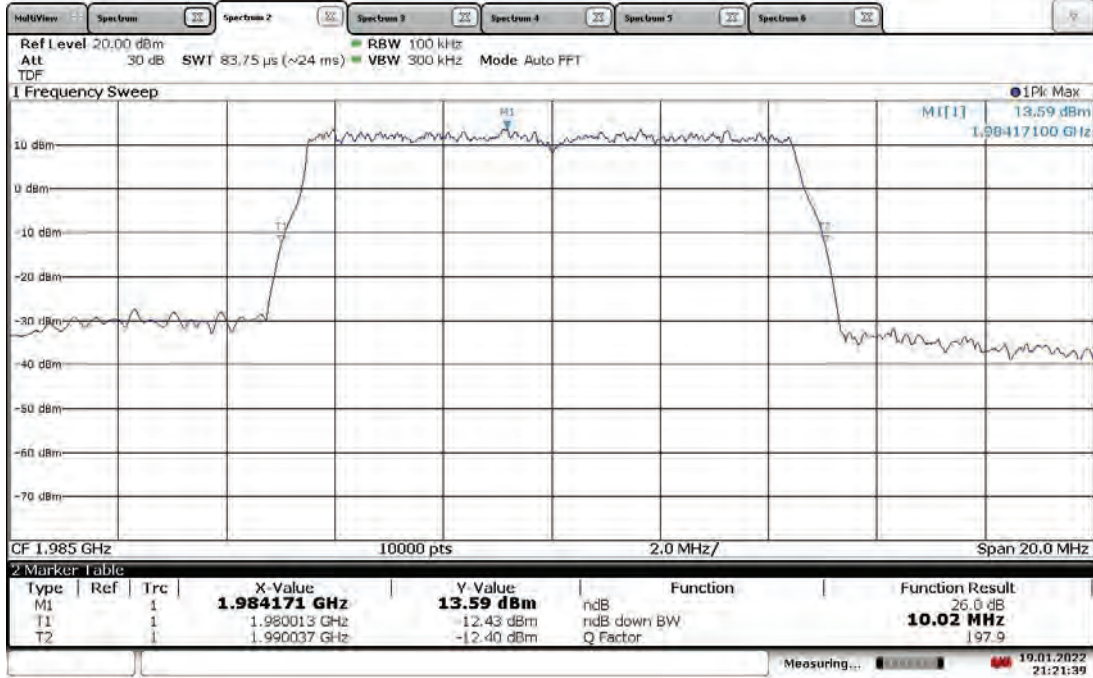
21:10:31 19.01.2022

TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth

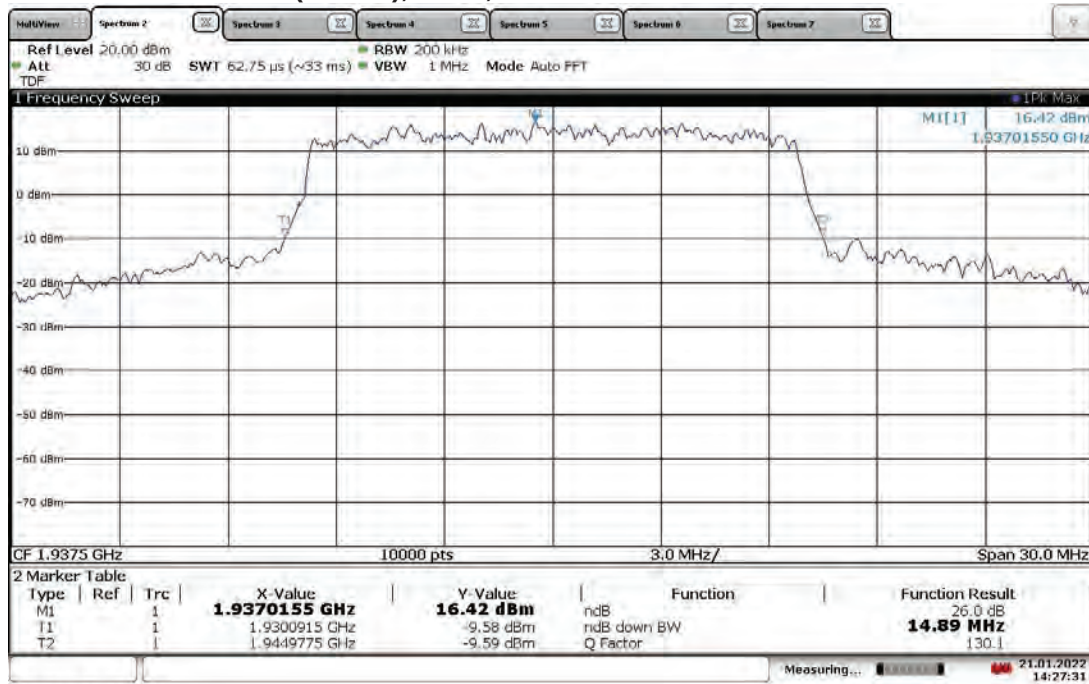


21:18:29 19.01.2022

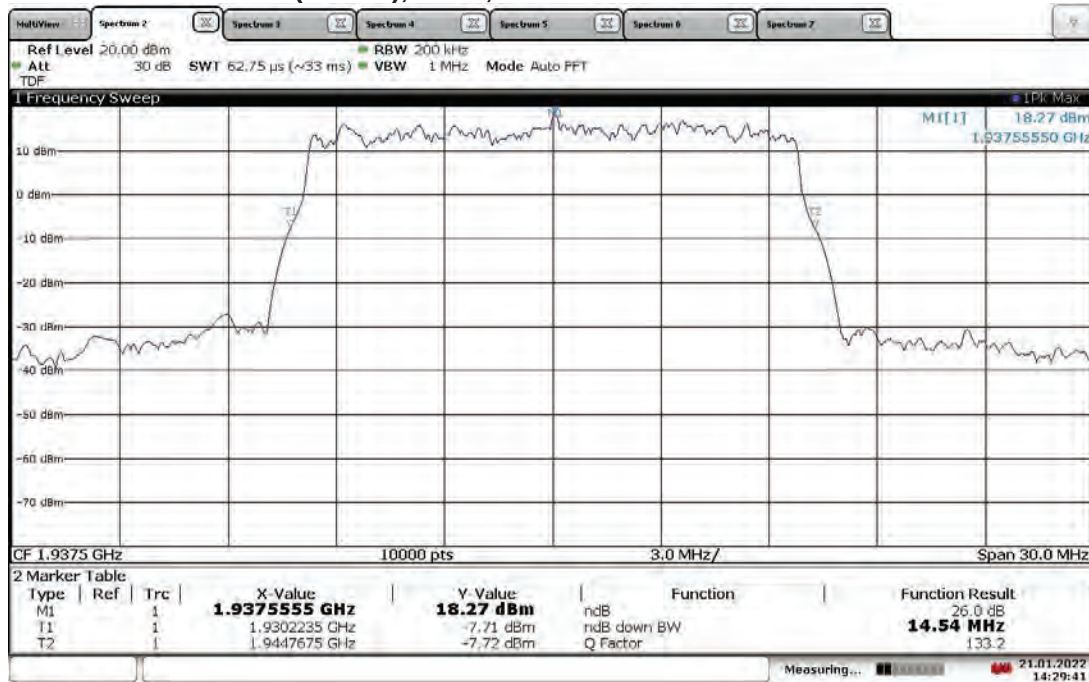
TM3.1-64QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth



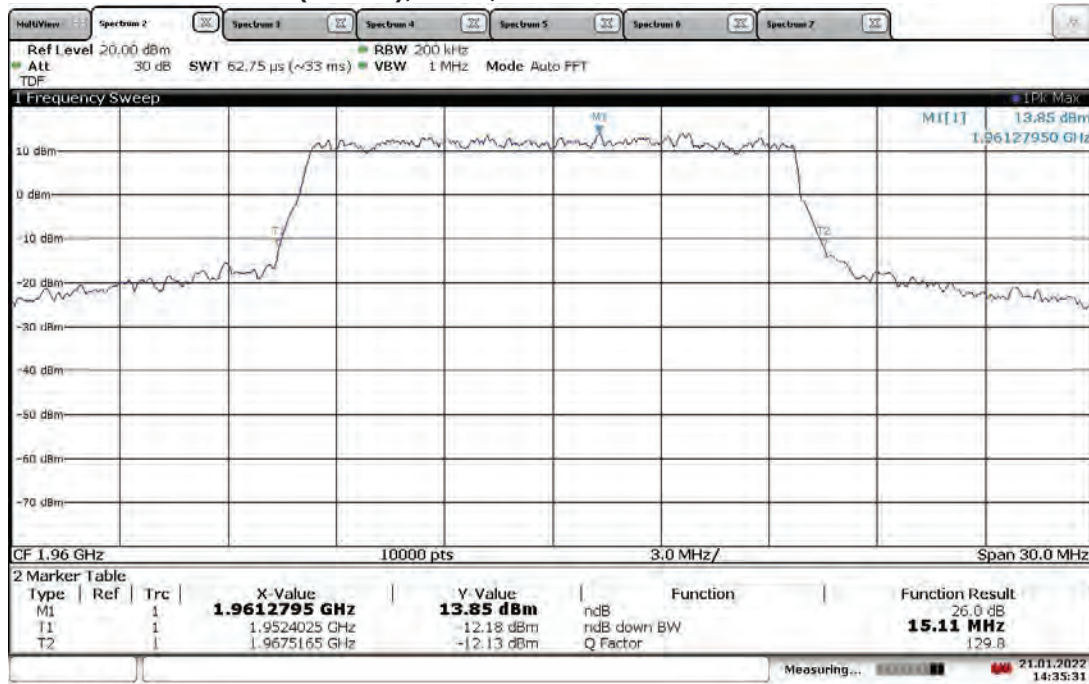
21:21:39 19.01.2022

TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth

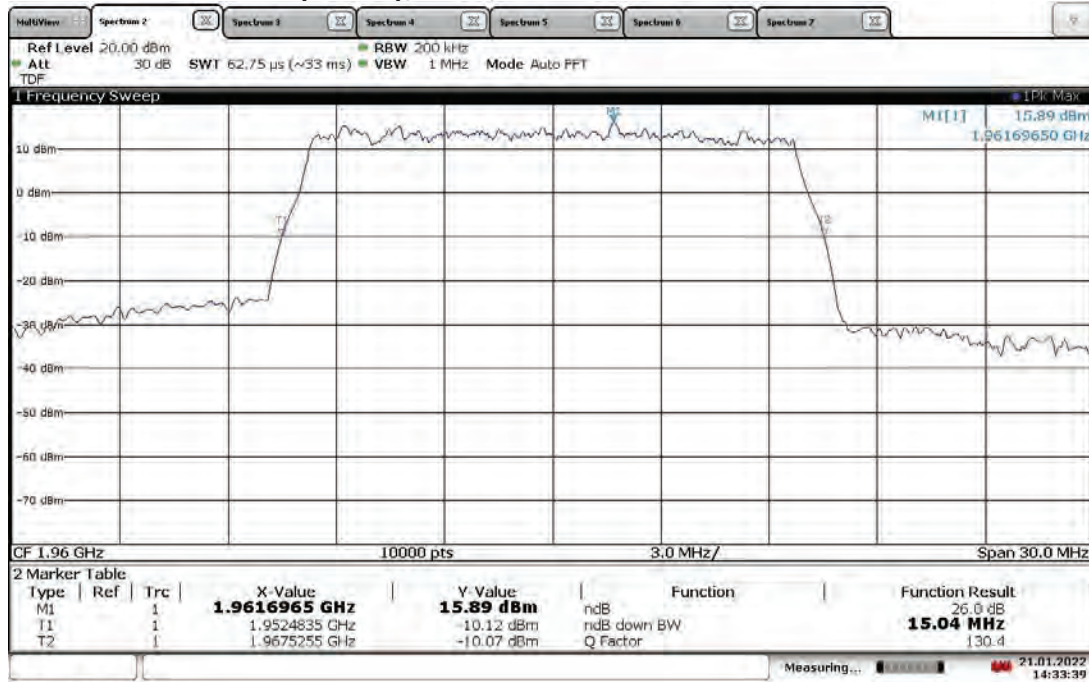
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TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth

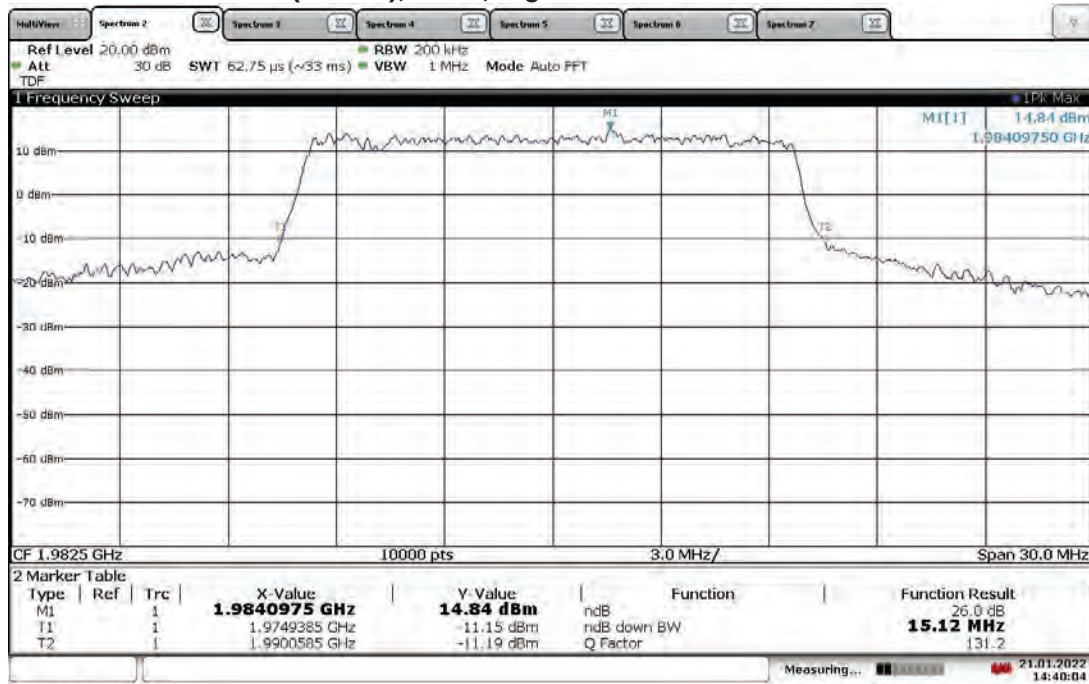
14:29:42 21.01.2022

TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth

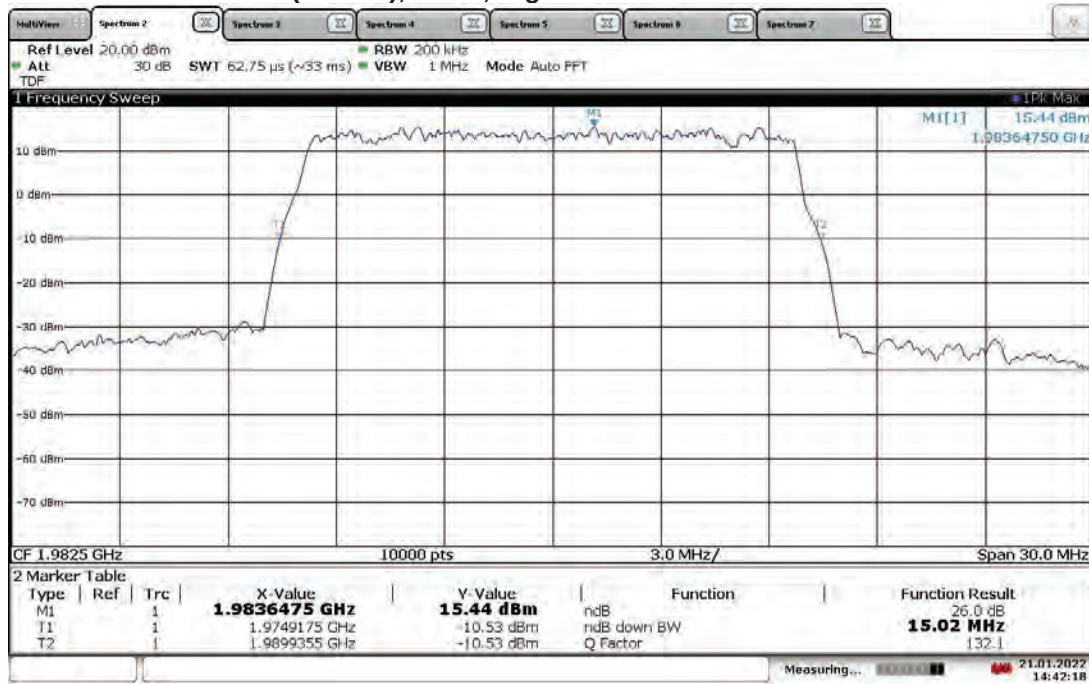
14:35:32 21.01.2022

TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth

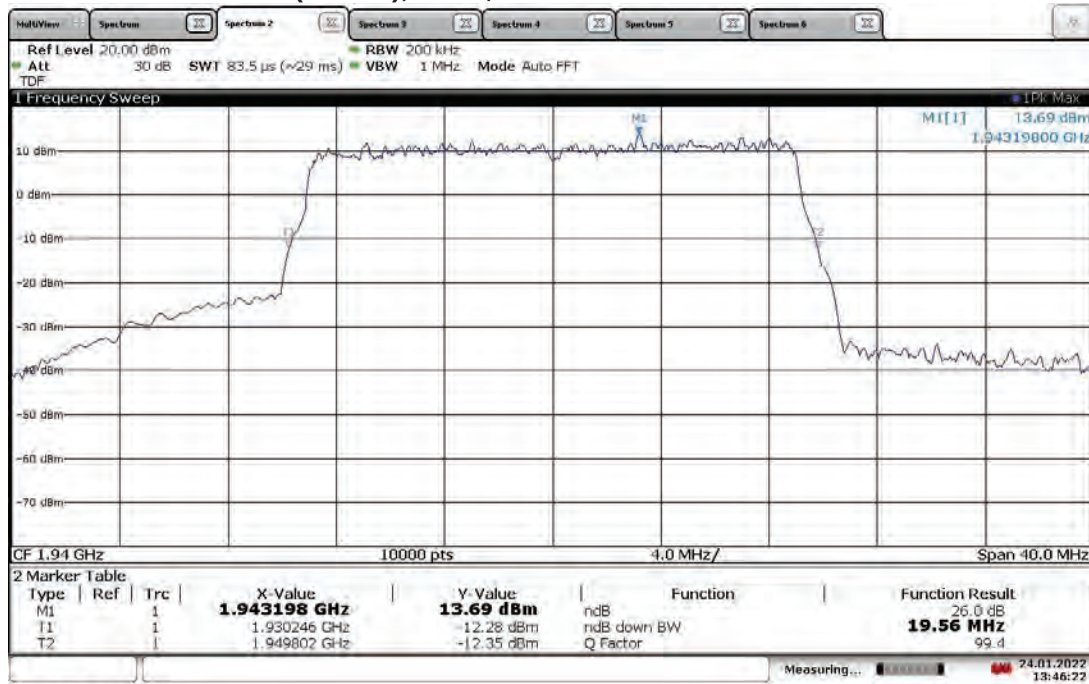
14:33:40 21.01.2022

**TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth**

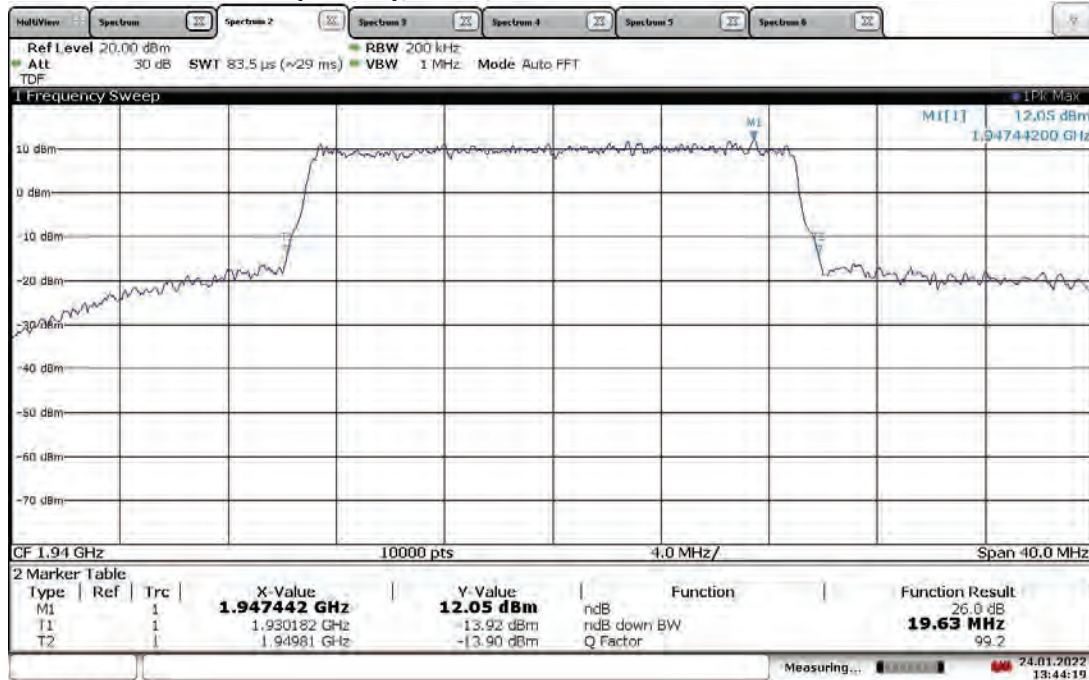
14:40:04 21.01.2022

**TM3.1-64QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth**

14:42:19 21.01.2022

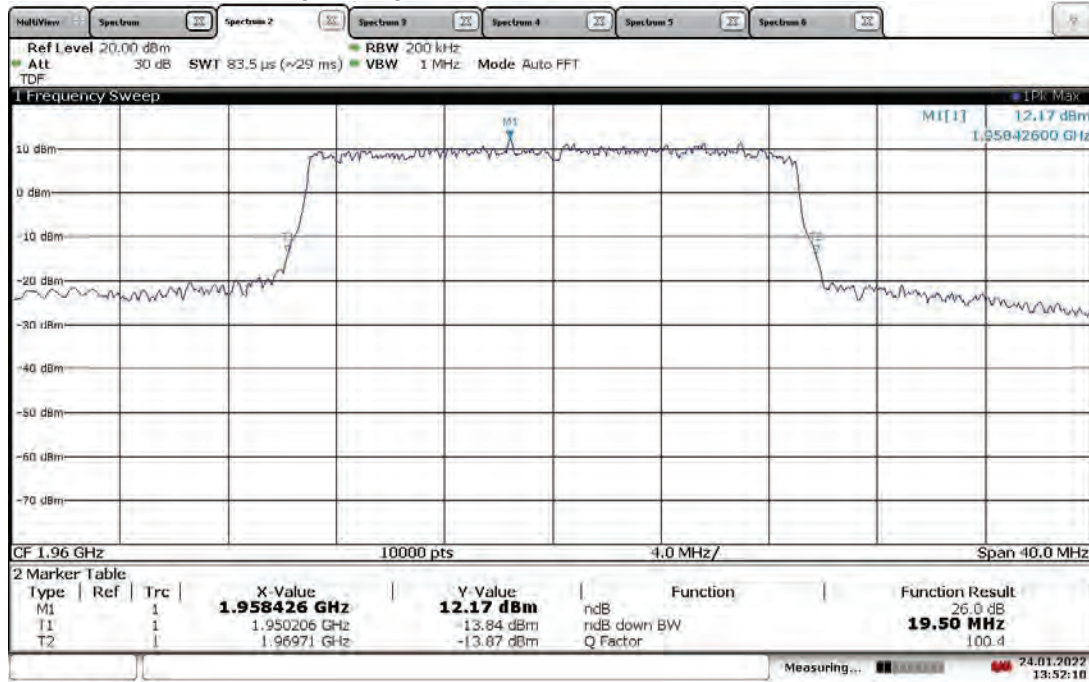
TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth

13:46:22 24.01.2022

TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth

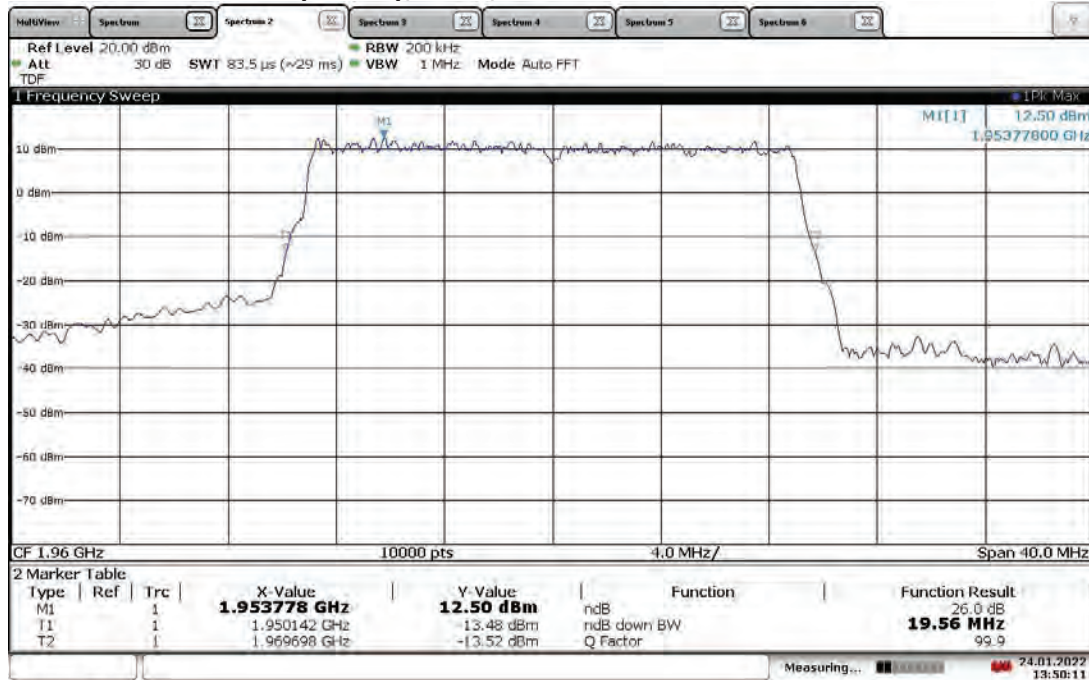
13:44:20 24.01.2022

TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth

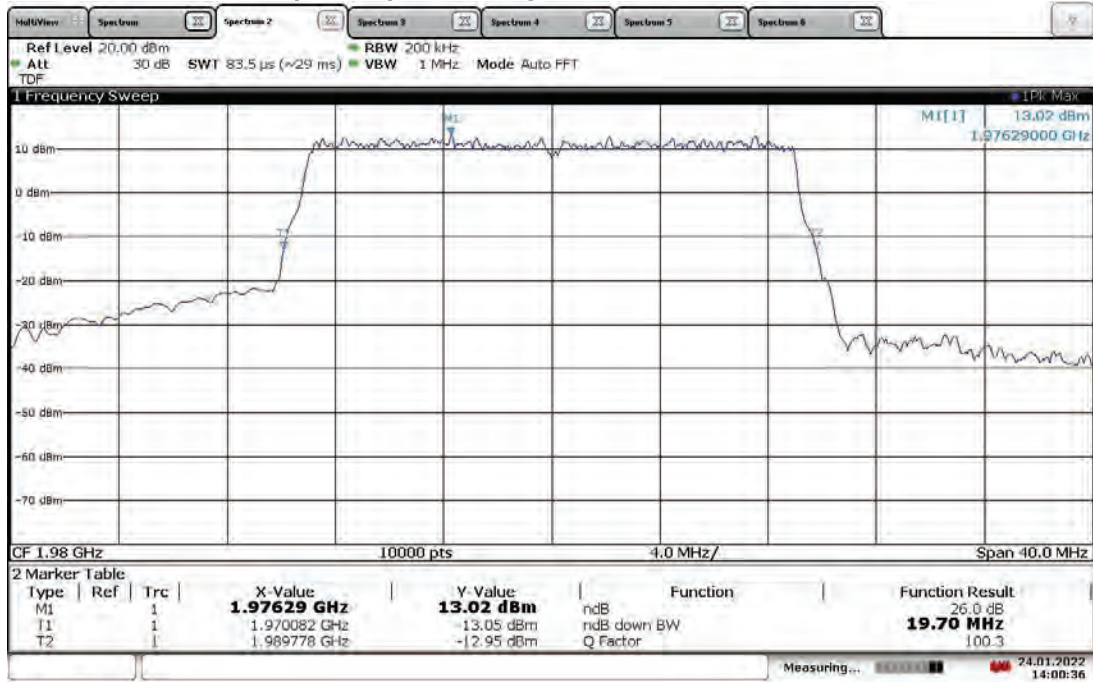


13:52:10 24.01.2022

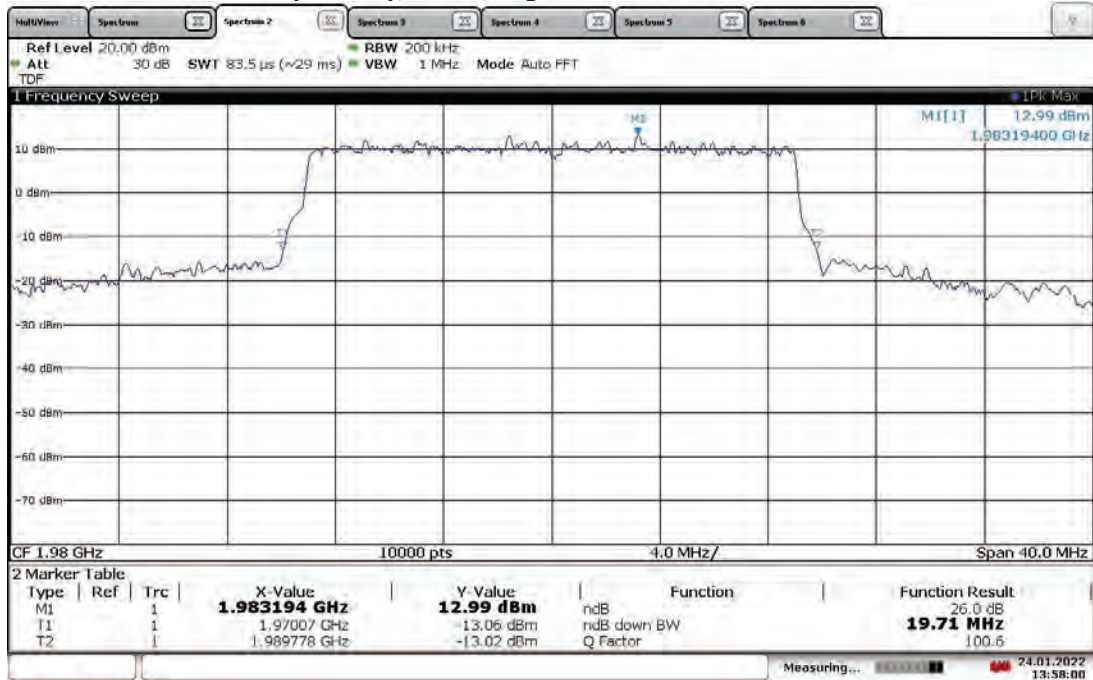
TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth



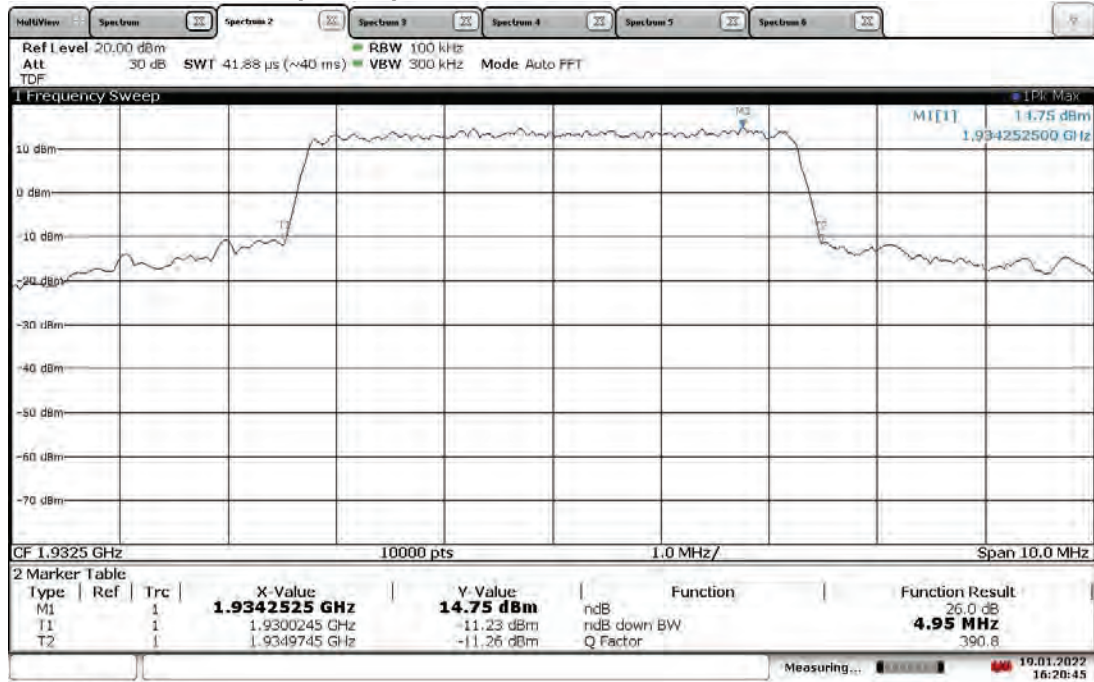
13:50:12 24.01.2022

**TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth**

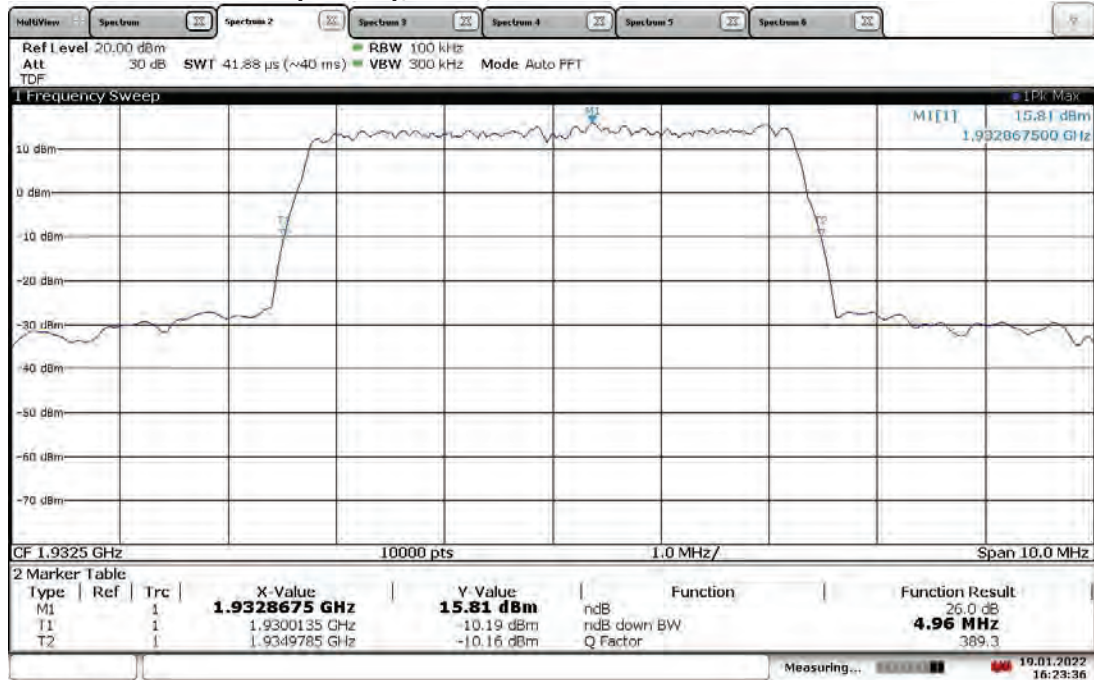
14:00:36 24.01.2022

**TM3.1-64QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth**

13:58:00 24.01.2022

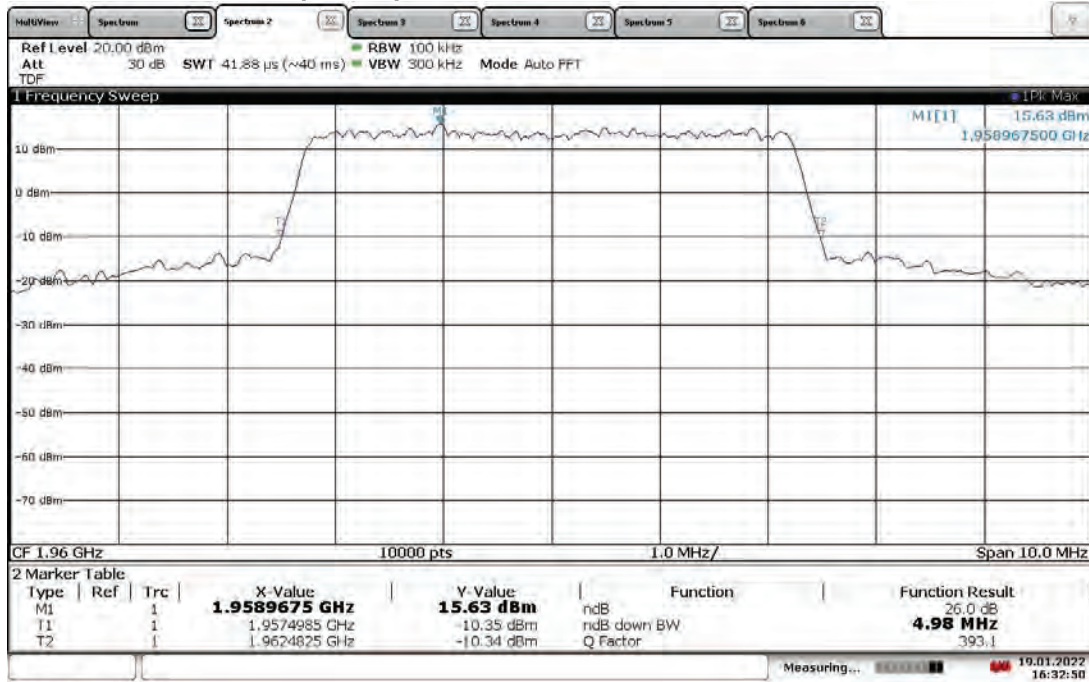
TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth

16:20:45 19.01.2022

TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth

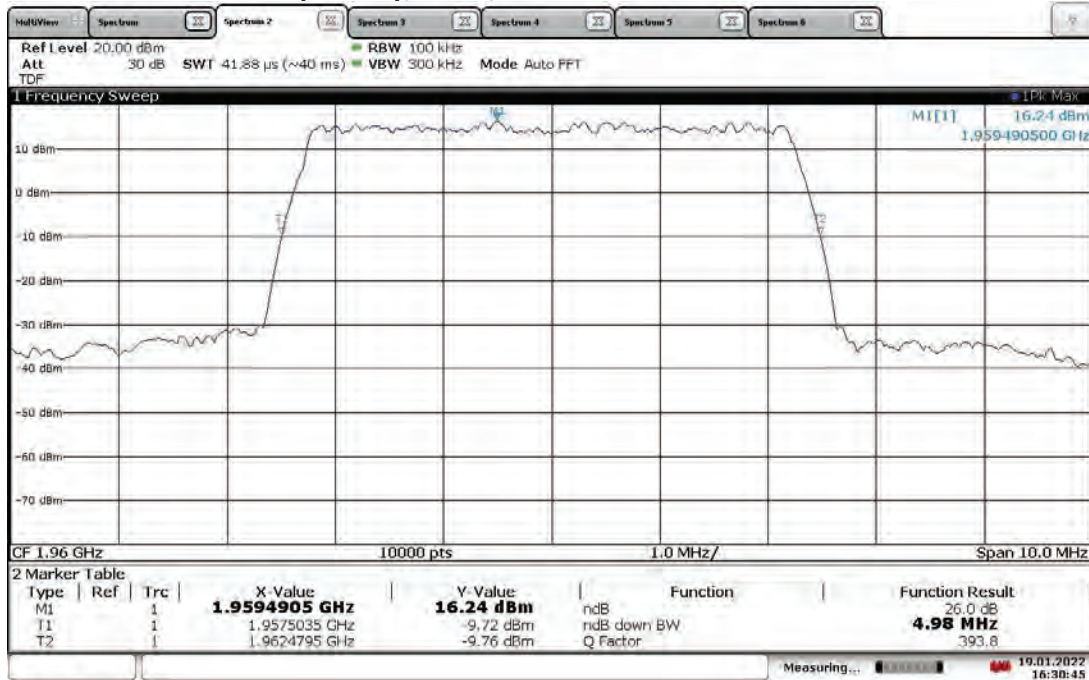
16:23:37 19.01.2022

TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth

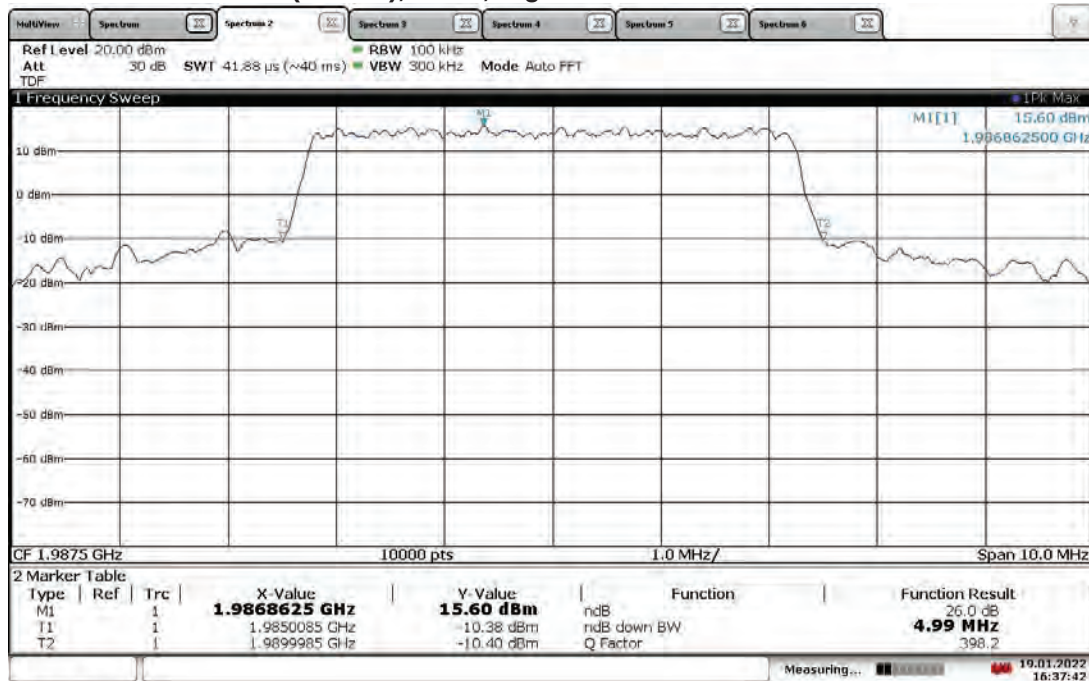


16:32:50 19.01.2022

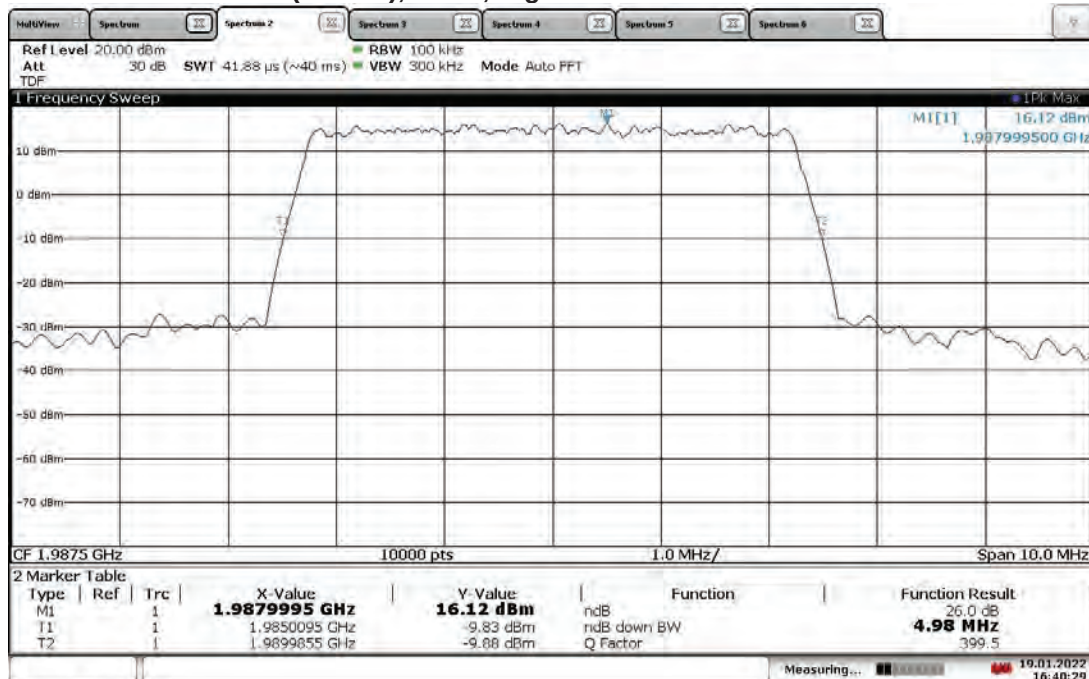
TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth



16:30:45 19.01.2022

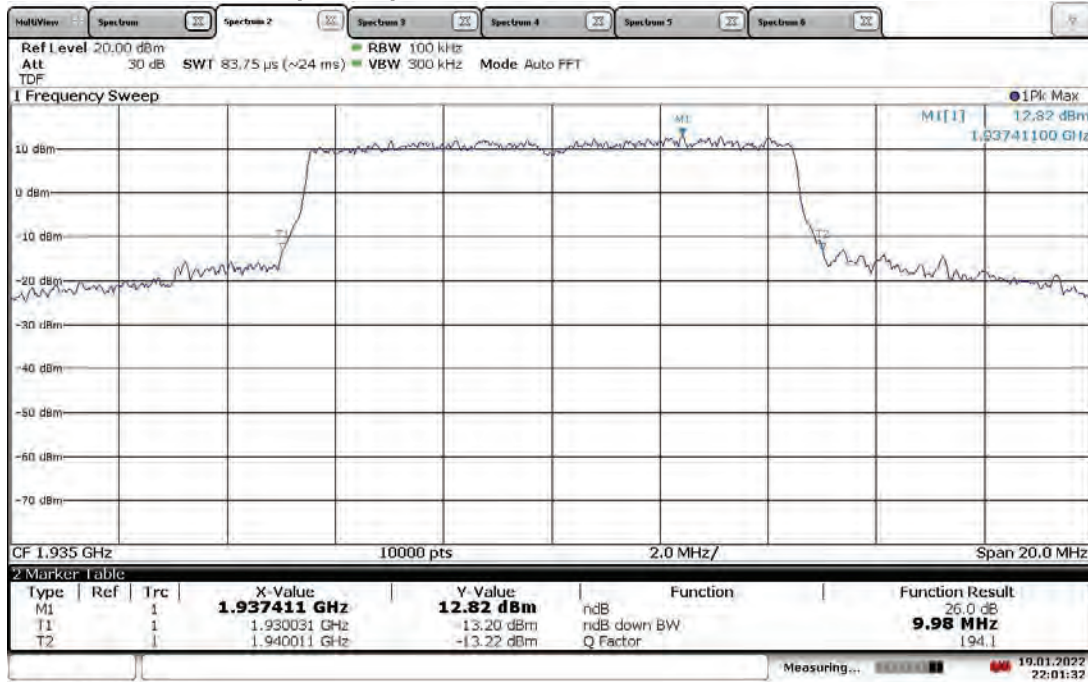
**TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth**

16:37:43 19.01.2022

**TM3.1a-256QAM_5 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth**

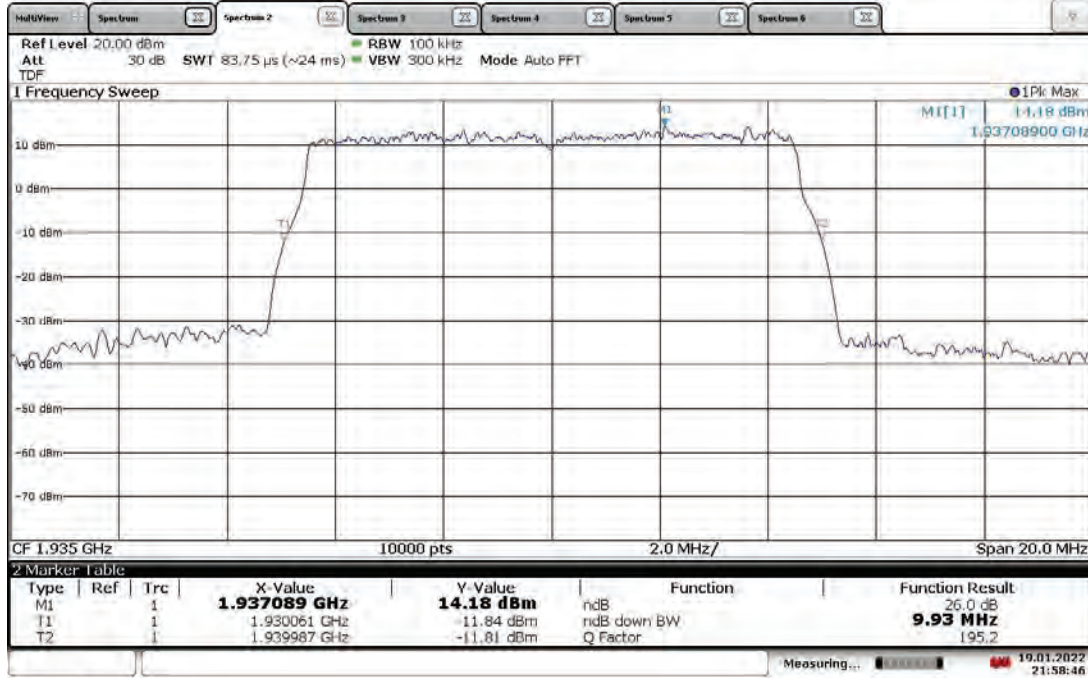
16:40:29 19.01.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth

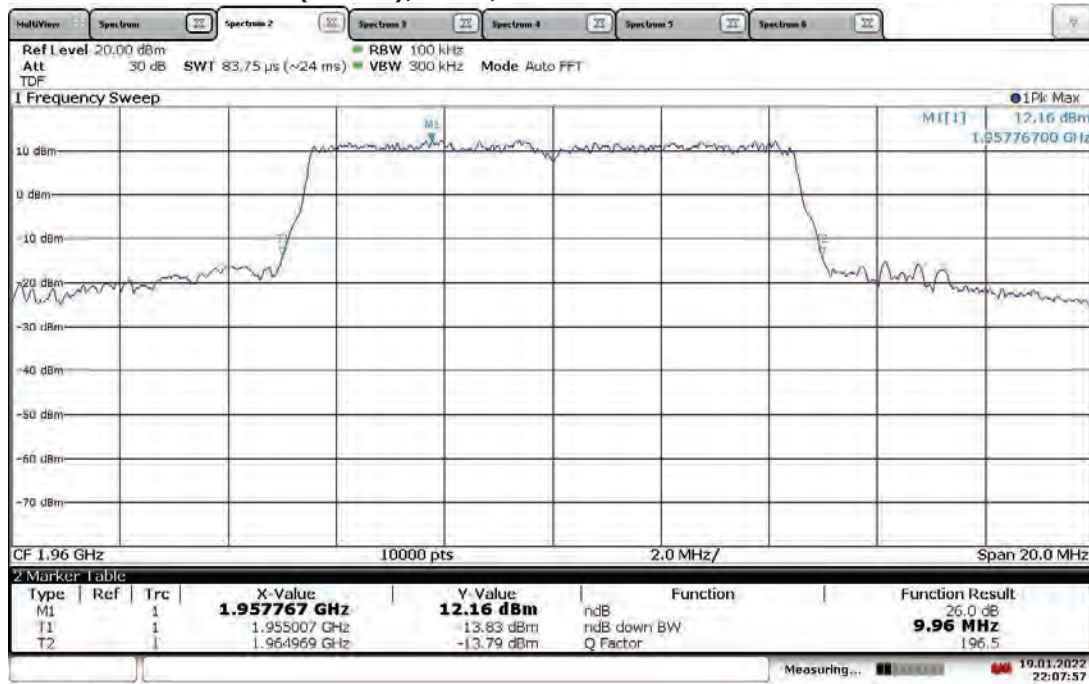


22:01:32 19.01.2022

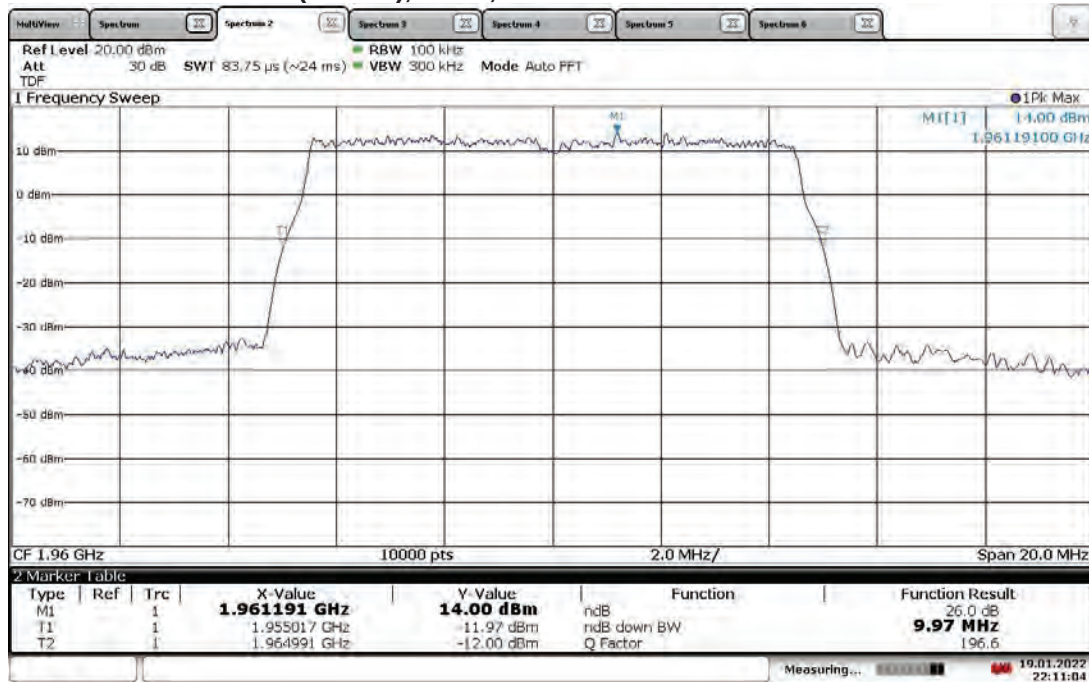
TM3.1a-256QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth



21:58:46 19.01.2022

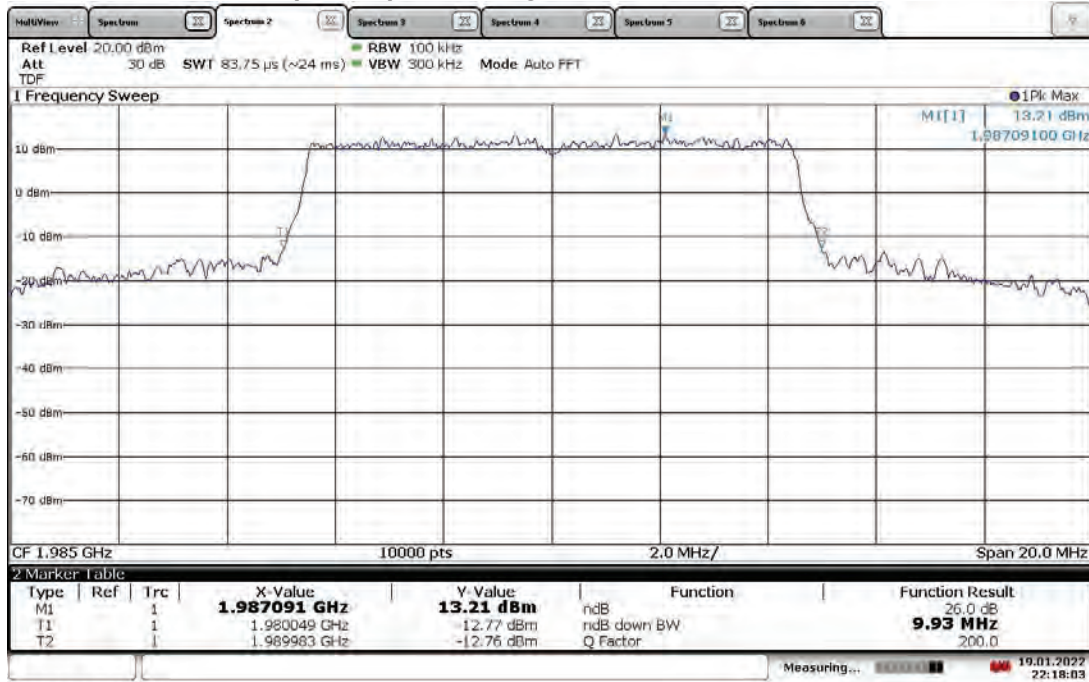
**TM3.1a-256QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth**

22:07:57 19.01.2022

**TM3.1a-256QAM_10 MHz Bandwidth (5G nR)h
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth**

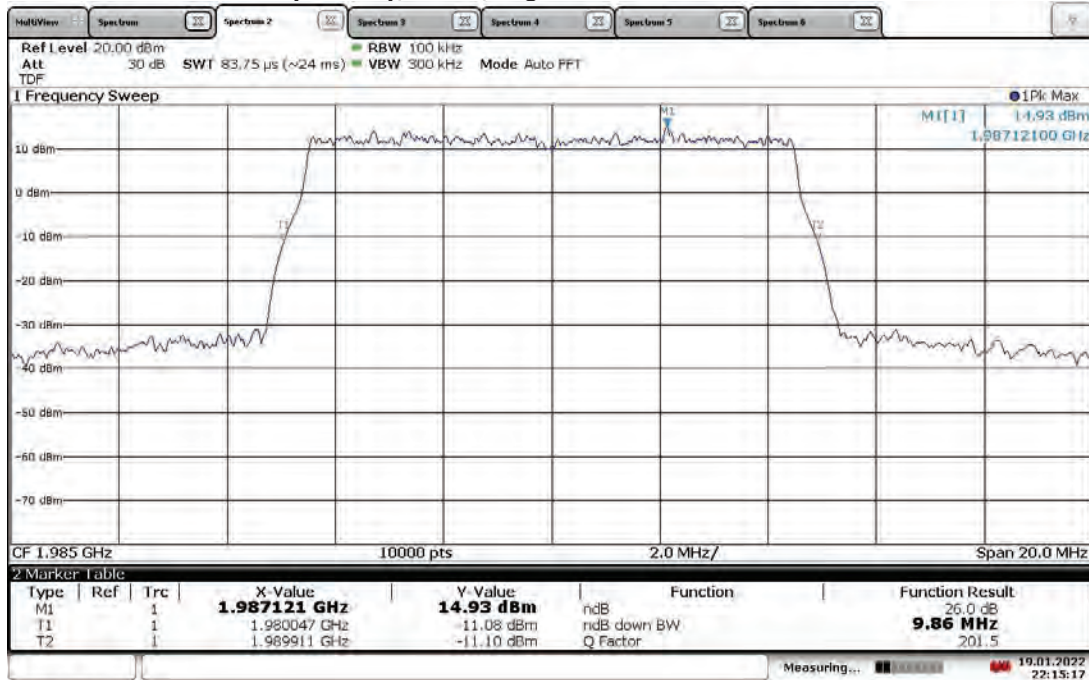
22:11:04 19.01.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth



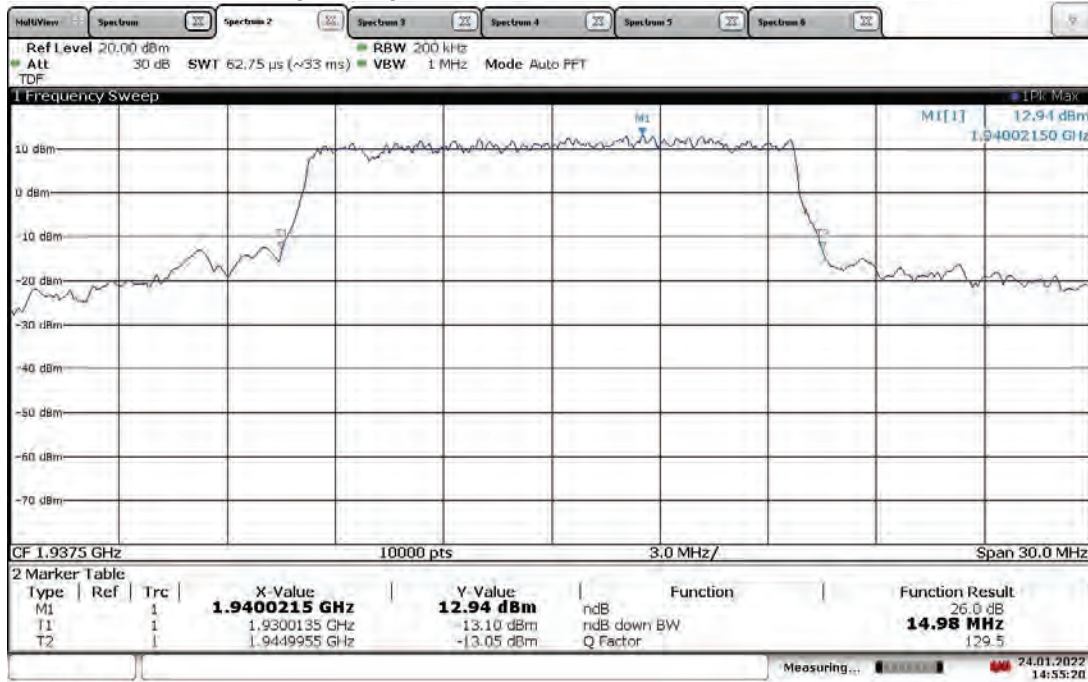
22:18:04 19.01.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth



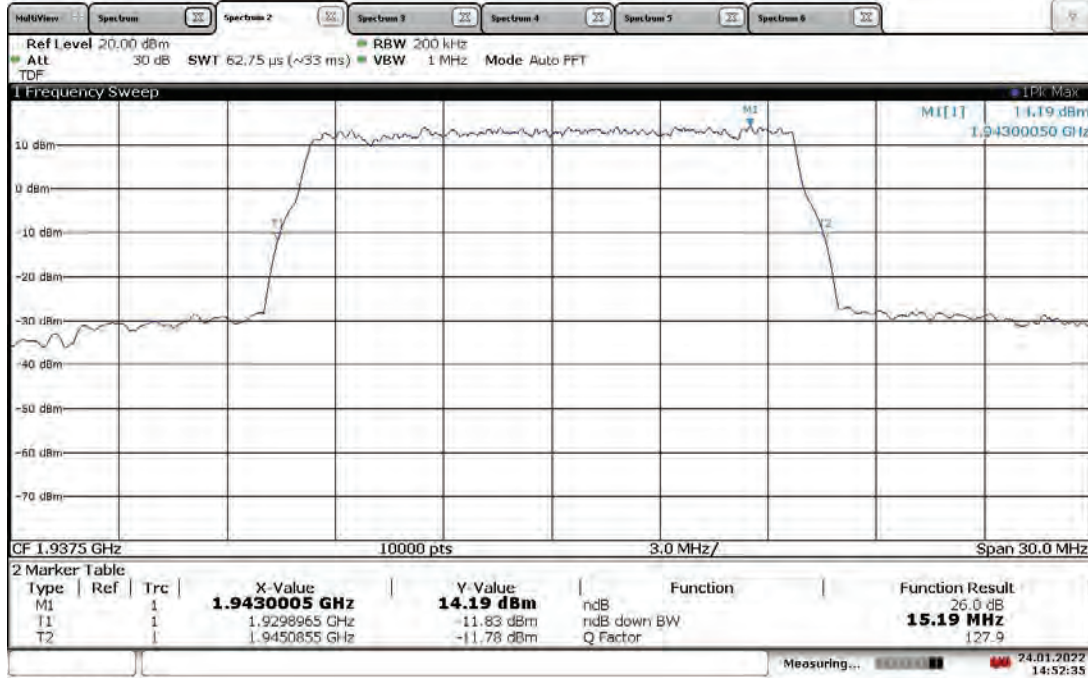
22:15:17 19.01.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth

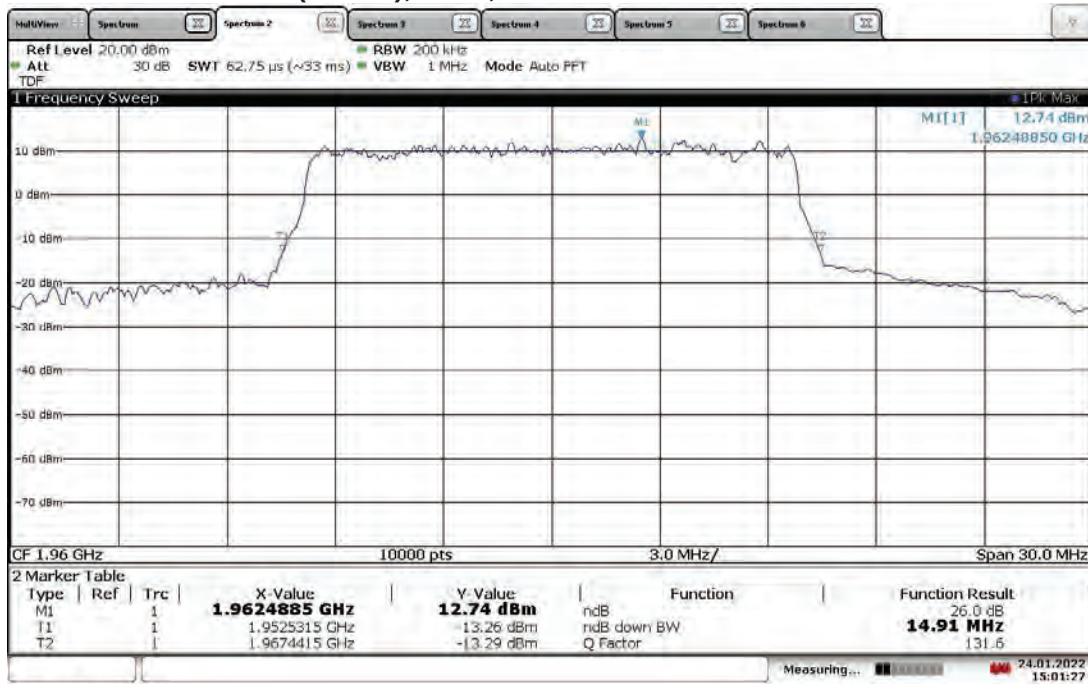


14:55:20 24.01.2022

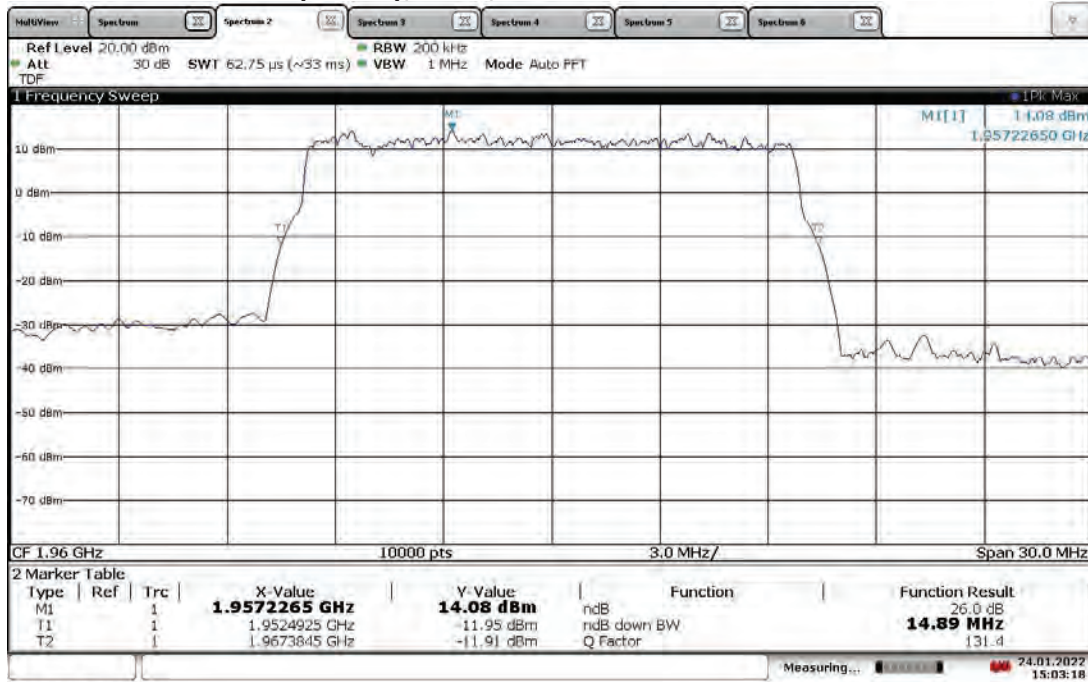
TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth



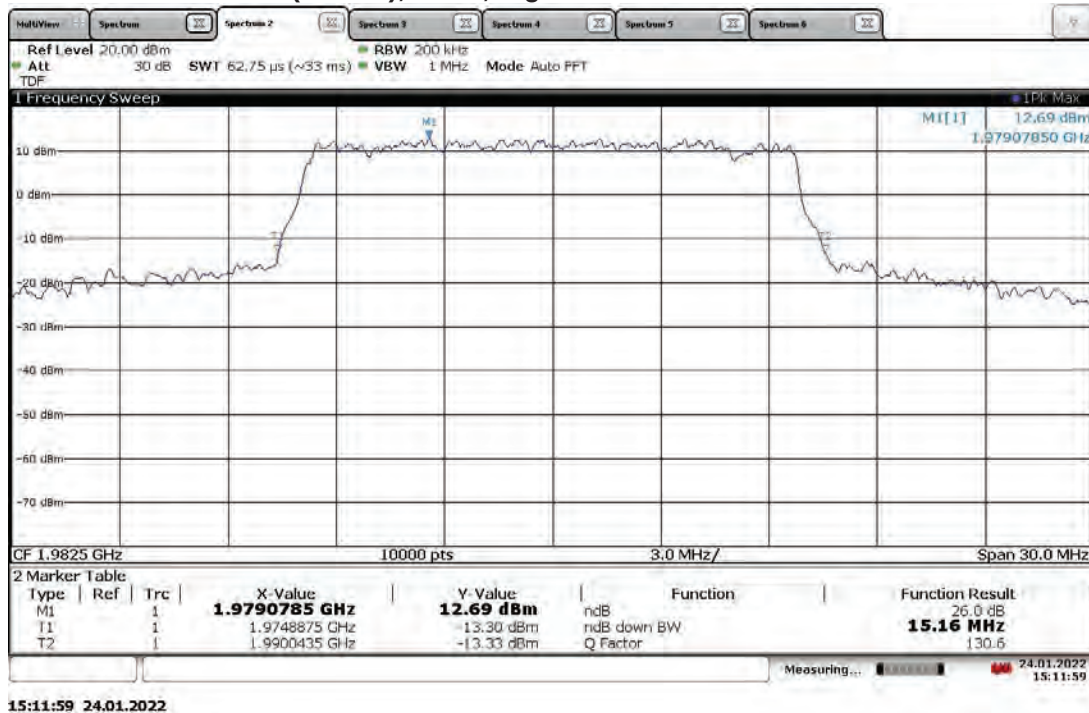
14:52:36 24.01.2022

**TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth**

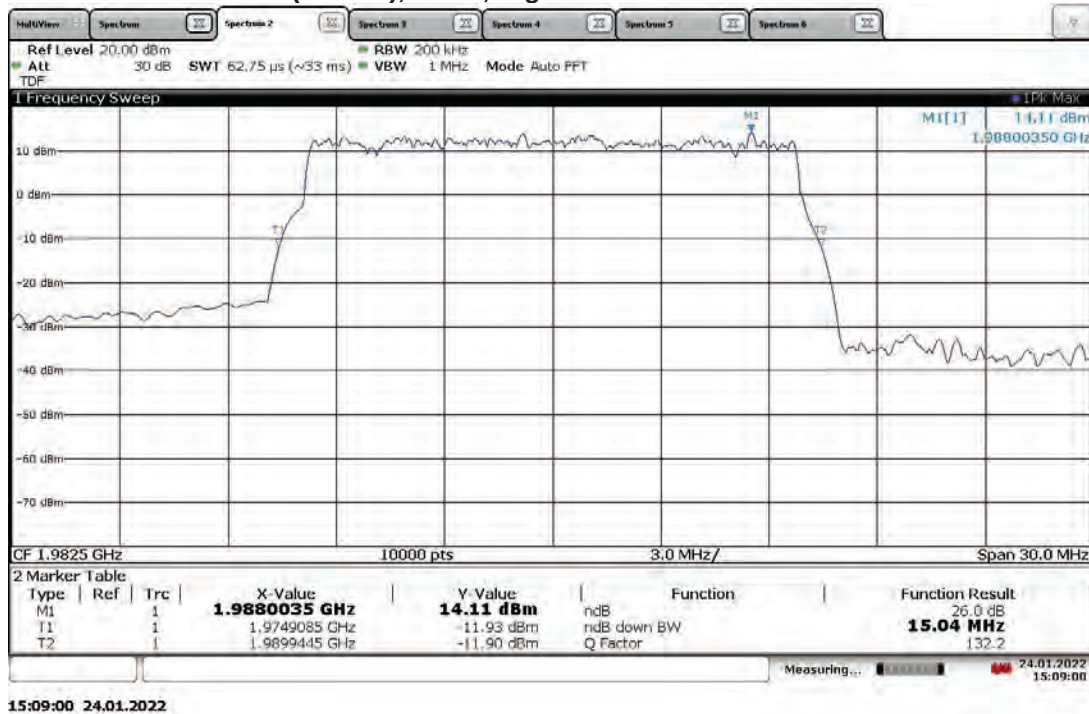
15:01:27 24.01.2022

**TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth**

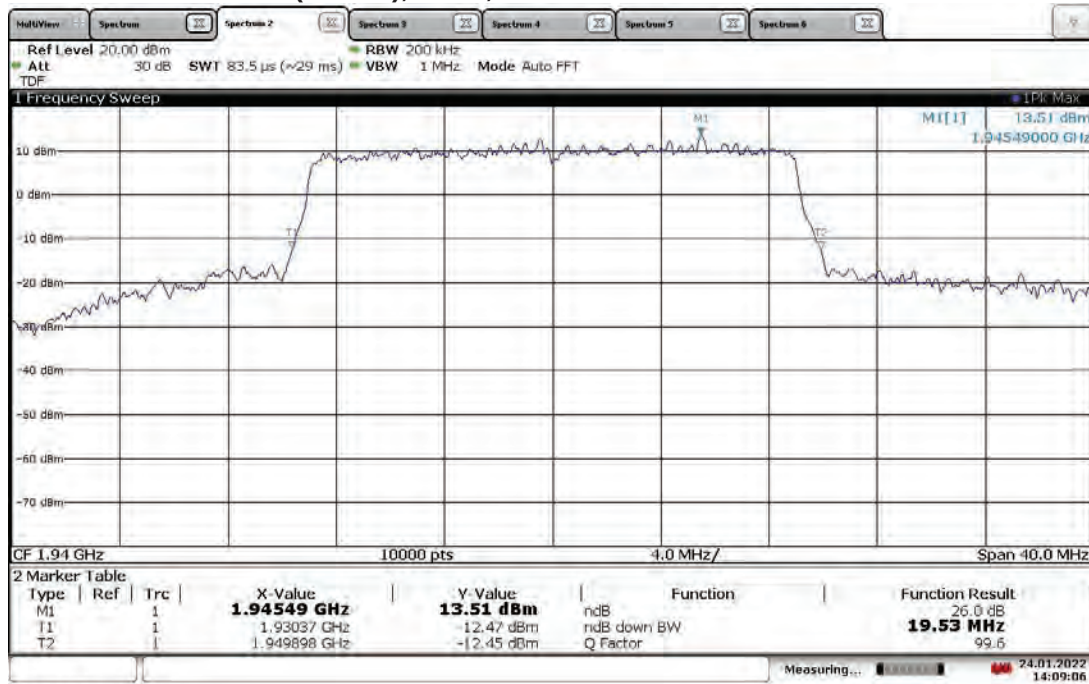
15:03:19 24.01.2022

**TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth**

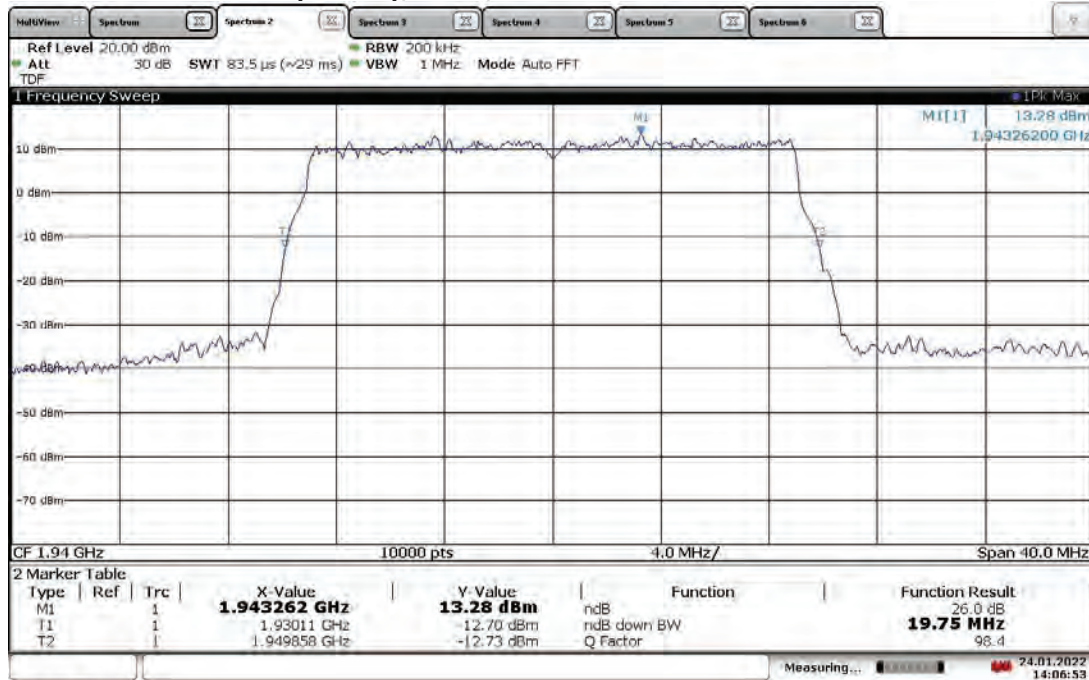
15:11:59 24.01.2022

**TM3.1a-256QAM_15 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth**

15:09:00 24.01.2022

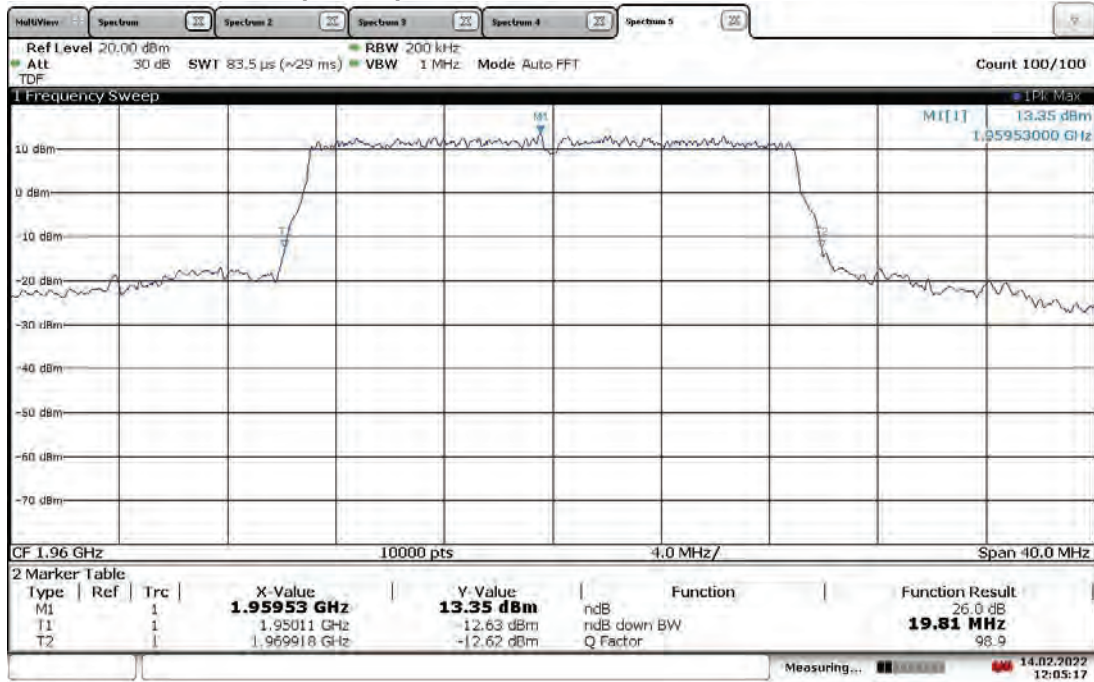
**TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Low Channel 26 dB Bandwidth**

14:09:06 24.01.2022

**TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Low Channel 26 dB Bandwidth**

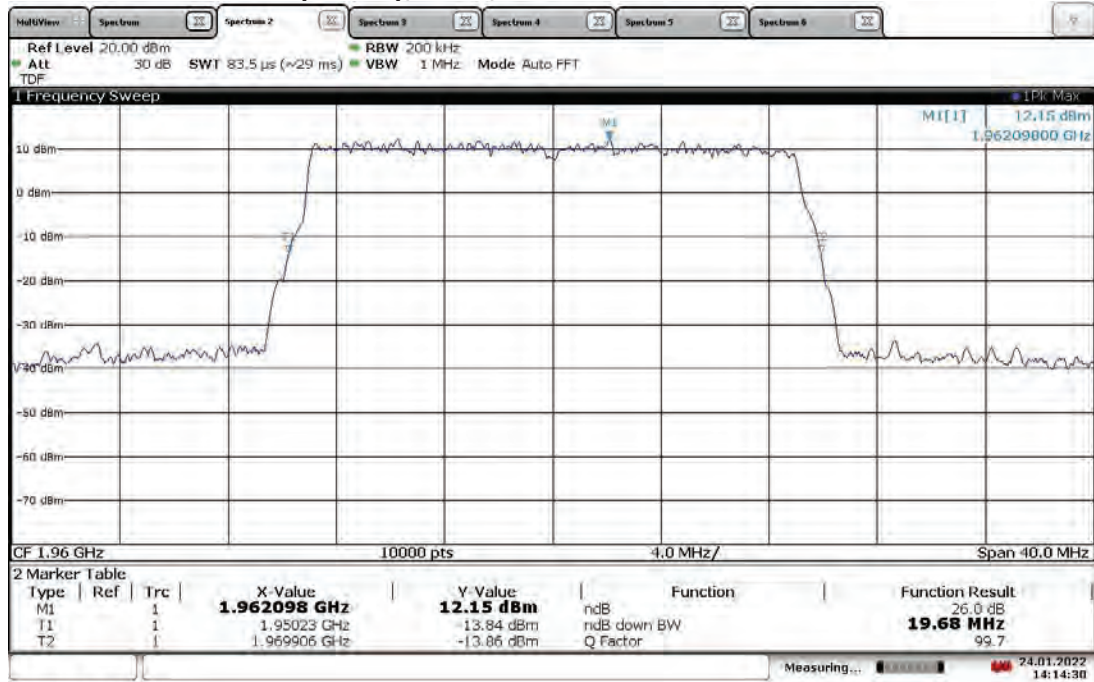
14:06:53 24.01.2022

TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, Mid Channel 26 dB Bandwidth

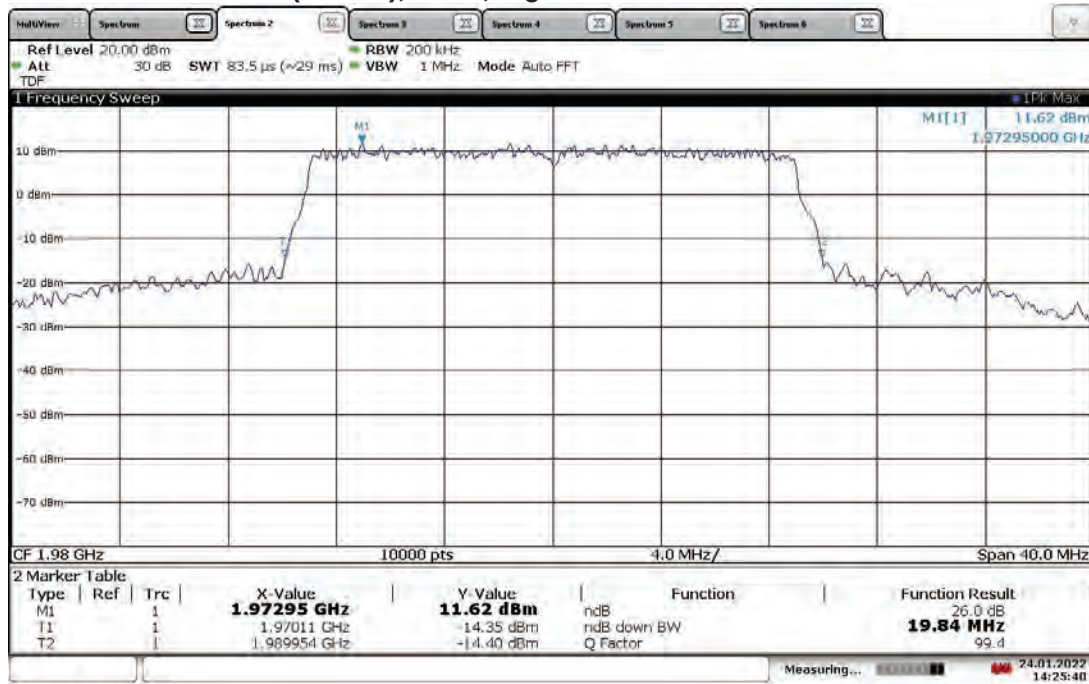


12:05:17 14.02.2022

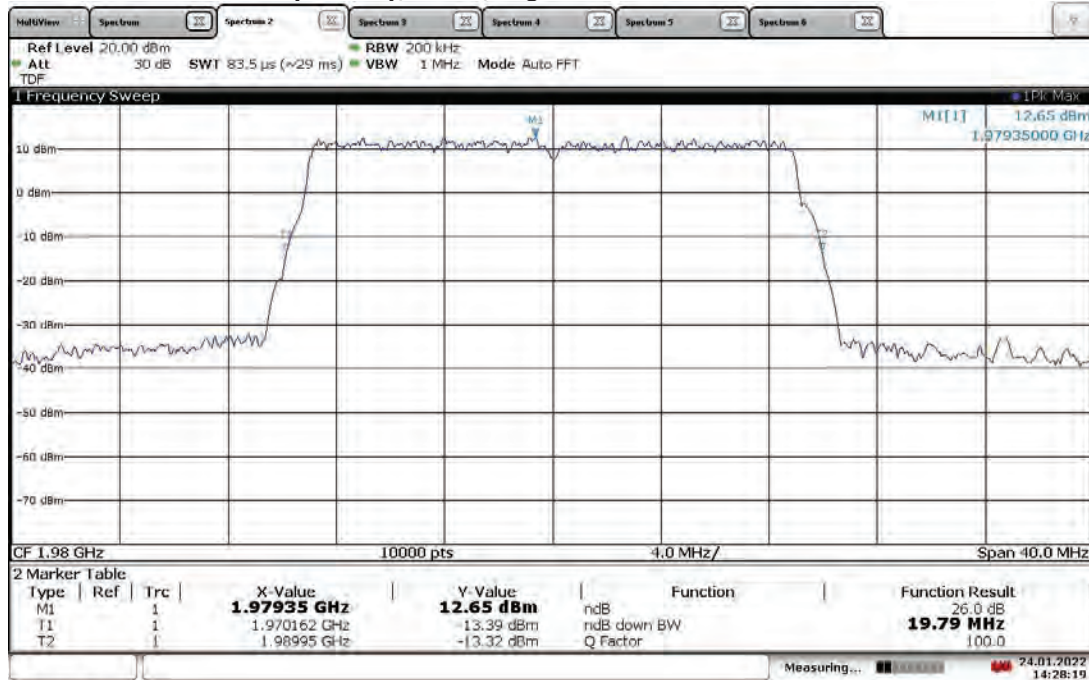
TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, Mid Channel 26 dB Bandwidth



14:14:31 24.01.2022

**TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT0, High Channel 26 dB Bandwidth**

14:25:40 24.01.2022

**TM3.1a-256QAM_20 MHz Bandwidth (5G nR)
Slot 0 (Band 2), ANT1, High Channel 26 dB Bandwidth**

14:28:19 24.01.2022

Test Personnel: Kouma Sinn *KPS*
Supervising/Reviewing
Engineer:
(Where Applicable) N/A

Test Date: 01/19/2022, 01/21/2022, 01/24/2022

Product Standard: FCC Part 24
Input Voltage: 48 VDC (POE)

Limit Applied: See report section 8.3

Pretest Verification w/
Ambient Signals or
BB Source: N/A

Ambient Temperature: 24, 24, 23 °C

Relative Humidity: 15, 8, 12 %

Atmospheric Pressure: 1003, 1025, 1002 mbars

Deviations, Additions, or Exclusions: None

9 Band Edge Compliance

9.1 Method

Tests are performed in accordance with ANSI C63.26 and CFR47 FCC Parts 2.1051, 2.1053, and 24.

TEST SITE: EMC Lab & 10m ALSE

The EMC Lab has one Semi-anechoic Chamber and one Shielded Chamber. AC Mains Power is available at 120, 230, and 277 Single Phase; 208, 400, and 480 3-Phase. Large reference ground-planes are installed in the general lab area to facilitate EMC work not requiring a shielded environment.

9.2 Test Equipment Used:

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
DAV005'	Weather Station	Davis	6250	MS191218083	02/07/2021	02/07/2022
ROS005-1'	Signal and Spectrum Analyzer	Rohde and Shwartz	FSW43	100646	11/02/2021	11/02/2022
CEN001'	DC-40GHz attenuator 20dB	Centric RF	C411-20	CEN001	01/26/2022	01/26/2023
CBLHF2012-2M-2'	2m 9kHz-40GHz Coaxial Cable - SET2	Huber & Suhner	SF102	252675002	02/10/2021	02/10/2022
MIN26	50Watt 20dB attenuator	Mini Circuits	BW-N20W50+	VY573711721	07/23/2021	07/23/2022

Software Utilized:

Name	Manufacturer	Version
None	--	--

9.3 Results:

The sample tested was found to Comply.

§24.238(a)(b) 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.

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM1.1-QPSK (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-17.04	-13	-4.04
		ANT1	-31.34	-13	-18.34
High	1987.50	ANT0	-15.09	-13	-2.09
		ANT1	-26.36	-13	-13.36

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM1.1-QPSK (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-20.06	-13	-7.06
		ANT1	-32.87	-13	-19.87
High	1985.00	ANT0	-17.99	-13	-4.99
		ANT1	-32.75	-13	-19.75

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM1.1-QPSK (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-20.88	-13	-7.88
		ANT1	-35.91	-13	-22.91
High	1982.50	ANT0	-19.13	-13	-6.13
		ANT1	-36.85	-13	-23.85

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM1.1-QPSK (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940	ANT0	-21.35	-13	-8.35
		ANT1	-36.50	-13	-23.5
High	1980	ANT0	-20.94	-13	-7.94
		ANT1	-36.72	-13	-23.72

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.2-16QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-17.35	-13	-4.35
		ANT1	-31.78	-13	-18.78
High	1987.50	ANT0	-17.18	-13	-4.18
		ANT1	-26.13	-13	-13.13

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.2-16QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-33.94	-13	-20.94
		ANT1	-18.39	-13	-5.39
High	1985.00	ANT0	-18.86	-13	-5.86
		ANT1	-33.18	-13	-20.18

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.2-16QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-19.51	-13	-6.51
		ANT1	-35.34	-13	-22.34
High	1982.50	ANT0	-20.88	-13	-7.88
		ANT1	-36.68	-13	-23.68

Intertek

Report Number: 104915434BOX-001

Issued: 02/24/2022
Revised: 03/30/2022

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.00	ANT0	-21.15	-13	-8.15
		ANT1	-36.43	-13	-23.43
High	1980.00	ANT0	-22.68	-13	-9.68
		ANT1	-36.77	-13	-23.77

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1-64QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.40	-13	-3.4
		ANT1	-31.70	-13	-18.7
High	1987.50	ANT0	-16.87	-13	-3.87
		ANT1	-29.18	-13	-16.18

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1-64QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-19.24	-13	-6.24
		ANT1	-33.76	-13	-20.76
High	1985.00	ANT0	-19.98	-13	-6.98
		ANT1	-30.22	-13	-17.22

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1-64QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-18.91	-13	-5.91
		ANT1	-35.66	-13	-22.66
High	1982.50	ANT0	-21.60	-13	-8.6
		ANT1	-35.20	-13	-22.2

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1-64QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.00	ANT0	-20.90	-13	-7.9
		ANT1	-36.82	-13	-23.82
High	1980.00	ANT0	-20.51	-13	-7.51
		ANT1	-36.61	-13	-23.61

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.47	-13	-3.47
		ANT1	-31.24	-13	-18.24
High	1987.50	ANT0	-14.56	-13	-1.56
		ANT1	-27.44	-13	-14.44

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1a-256QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-18.62	-13	-5.62
		ANT1	-31.34	-13	-18.34
High	1985.00	ANT0	-18.81	-13	-5.81
		ANT1	-32.61	-13	-19.61

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.00	ANT0	-19.49	-13	-6.49
		ANT1	-35.56	-13	-22.56
High	1982.50	ANT0	-18.84	-13	-5.84
		ANT1	-36.57	-13	-23.57

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Issued: 02/24/2022

Revised: 03/30/2022

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM (4G LTE)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.50	ANT0	-21.46	-13	-8.46
		ANT1	-34.43	-13	-21.43
High	1980.00	ANT0	-21.18	-13	-8.18
		ANT1	-37.31	-13	-24.31

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM1.1-QPSK (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.98	-13	-3.98
		ANT1	-31.90	-13	-18.9
High	1987.50	ANT0	-16.16	-13	-3.16
		ANT1	-24.41	-13	-11.41

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM1.1-QPSK (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-19.02	-13	-6.02
		ANT1	-32.11	-13	-19.11
High	1985.00	ANT0	-18.84	-13	-5.84
		ANT1	-26.38	-13	-13.38

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM1.1-QPSK (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-19.35	-13	-6.35
		ANT1	-32.28	-13	-19.28
High	1982.50	ANT0	-20.61	-13	-7.61
		ANT1	-32.87	-13	-19.87

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM1.1-QPSK (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940	ANT0	-32.90	-13	-19.9
		ANT1	-21.59	-13	-8.59
High	1980	ANT0	-21.09	-13	-8.09
		ANT1	-34.20	-13	-21.2

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.2-16QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.98	-13	-3.98
		ANT1	-31.86	-13	-18.86
High	1987.50	ANT0	-16.70	-13	-3.70
		ANT1	-25.44	-13	-12.44

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.2-16QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-19.00	-13	-6.00
		ANT1	-32.93	-13	-19.93
High	1985.00	ANT0	-18.68	-13	-5.68
		ANT1	-26.90	-13	-13.90

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Report Number: 104915434BOX-001

Issued: 02/24/2022

Revised: 03/30/2022

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.2-16QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-20.17	-13	-7.17
		ANT1	-34.72	-13	-21.72
High	1982.50	ANT0	-19.67	-13	-6.67
		ANT1	-31.24	-13	-18.24

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.00	ANT0	-21.14	-13	-8.14
		ANT1	-24.95	-13	-11.95
High	1980.00	ANT0	-20.89	-13	-7.89
		ANT1	-31.14	-13	-18.14

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1-64QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.84	-13	-3.84
		ANT1	-31.95	-13	-18.95
High	1987.50	ANT0	-14.53	-13	-1.53
		ANT1	-28.39	-13	-15.39

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1-64QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-19.04	-13	-6.04
		ANT1	-32.90	-13	-19.9
High	1985.00	ANT0	-18.71	-13	-5.71
		ANT1	-27.82	-13	-14.82

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1-64QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.50	ANT0	-19.71	-13	-6.71
		ANT1	-32.31	-13	-19.31
High	1982.50	ANT0	-19.65	-13	-6.65
		ANT1	-36.20	-13	-23.2

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1-64QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.00	ANT0	-20.85	-13	-7.85
		ANT1	-33.63	-13	-20.63
High	1980.00	ANT0	-21.54	-13	-8.54
		ANT1	-33.07	-13	-20.07

Slot 0 (Band 2), Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1932.50	ANT0	-16.87	-13	-3.87
		ANT1	-31.17	-13	-18.17
High	1987.50	ANT0	-14.30	-13	-1.3
		ANT1	-26.01	-13	-13.01

Slot 0 (Band 2), Bandwidth: 10 MHz, Modulation: TM3.1a-256QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1935.00	ANT0	-17.55	-13	-4.55
		ANT1	-32.73	-13	-19.73
High	1985.00	ANT0	-17.37	-13	-4.37
		ANT1	-29.94	-13	-16.94

Slot 0 (Band 2), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1937.00	ANT0	-20.37	-13	-7.37
		ANT1	-34.92	-13	-21.92
High	1982.50	ANT0	-21.72	-13	-8.72
		ANT1	-34.98	-13	-21.98

Slot 0 (Band 2), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM (5G nR)

Band Edge	Frequency (MHz)	Antenna Port	Reading (dBm)	Limit (dBm)	Margin
Low	1940.50	ANT0	-20.80	-13	-7.8
		ANT1	-32.90	-13	-19.9
High	1980.00	ANT0	-23.73	-13	-10.73
		ANT1	-34.88	-13	-21.88

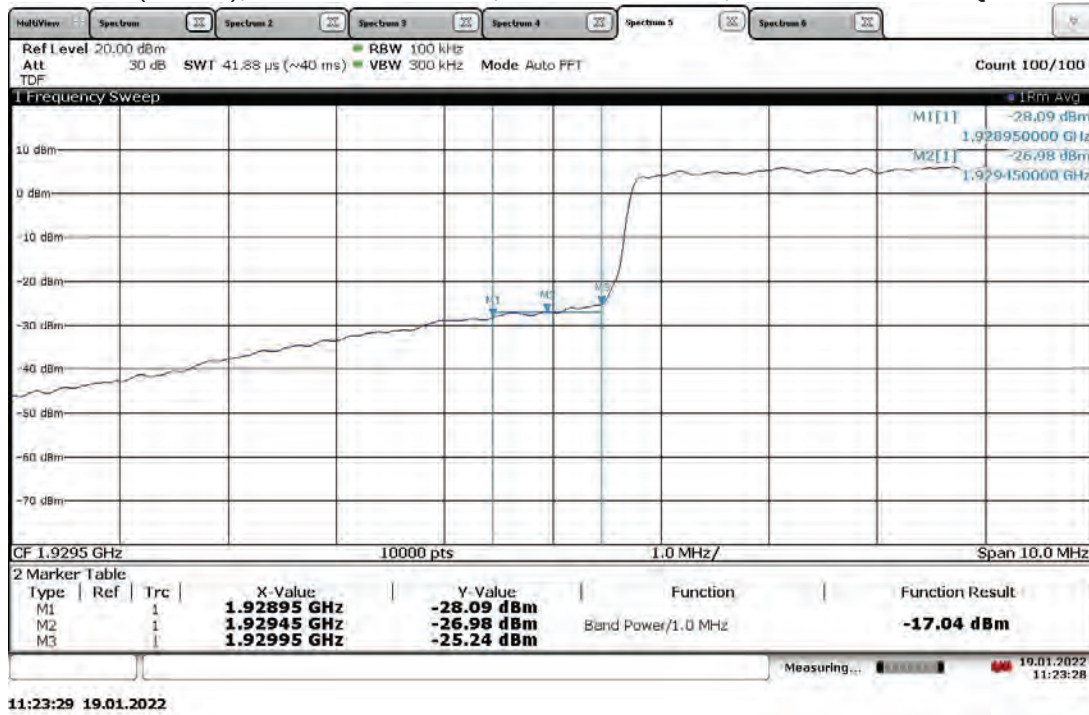
9.4

9.5 Setup Photograph:

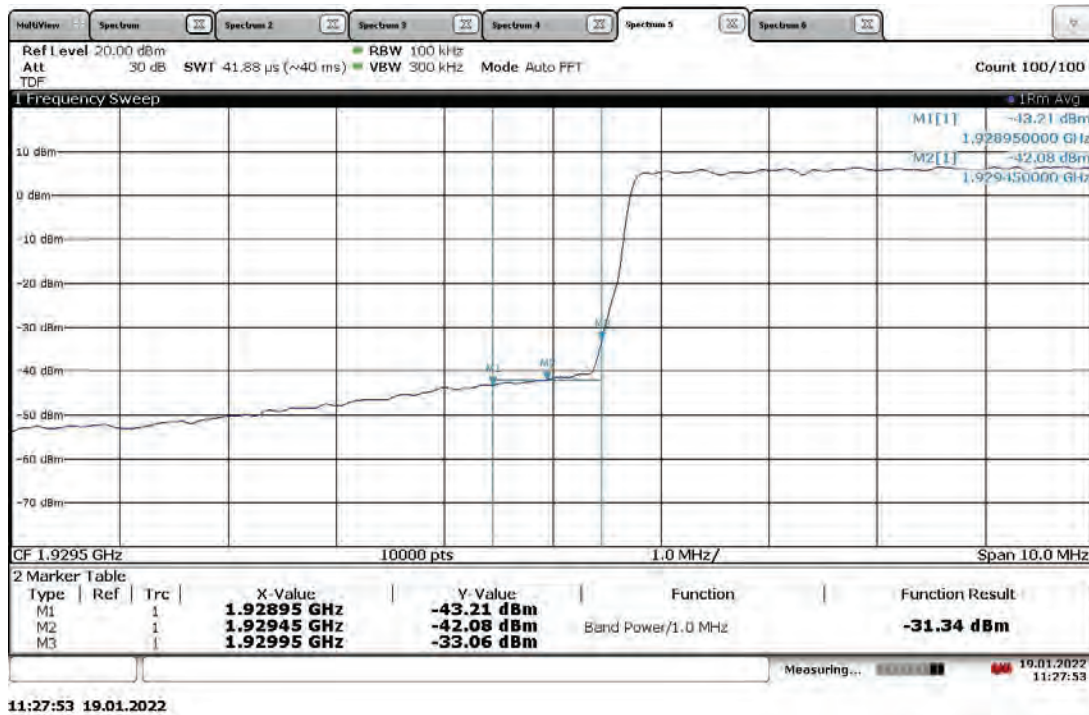
Confidential – Photos not included in this report

9.6 Plots/Data:

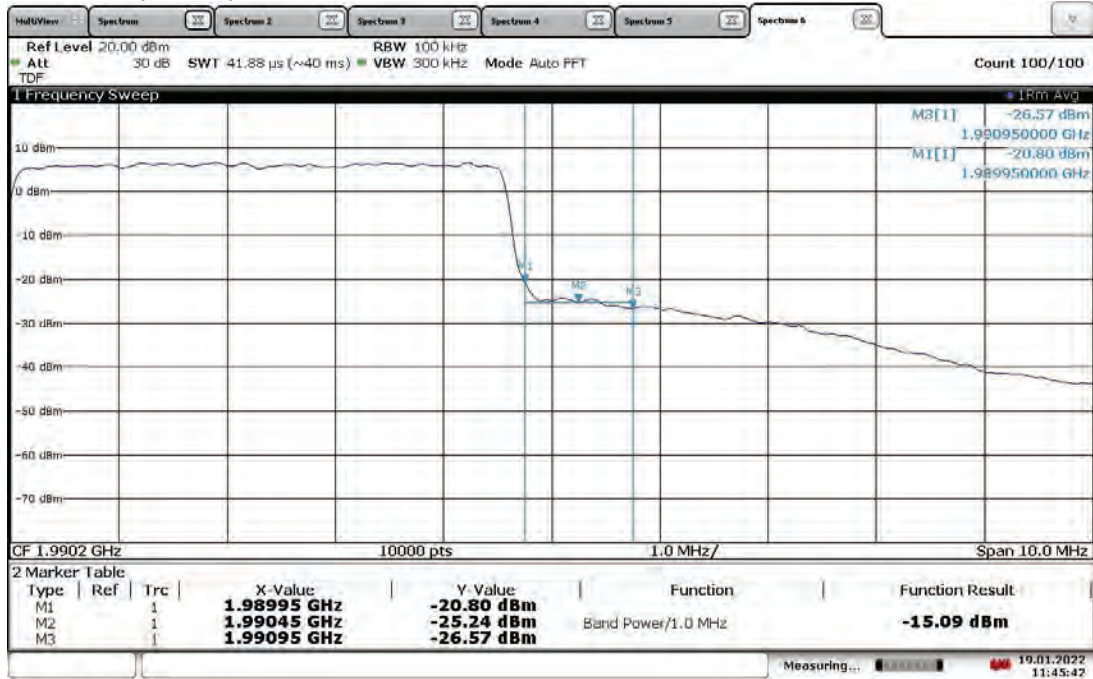
Band Edge Compliant, Lower Band Edge, 1932.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK



Band Edge Compliant, Lower Band Edge, 1932.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

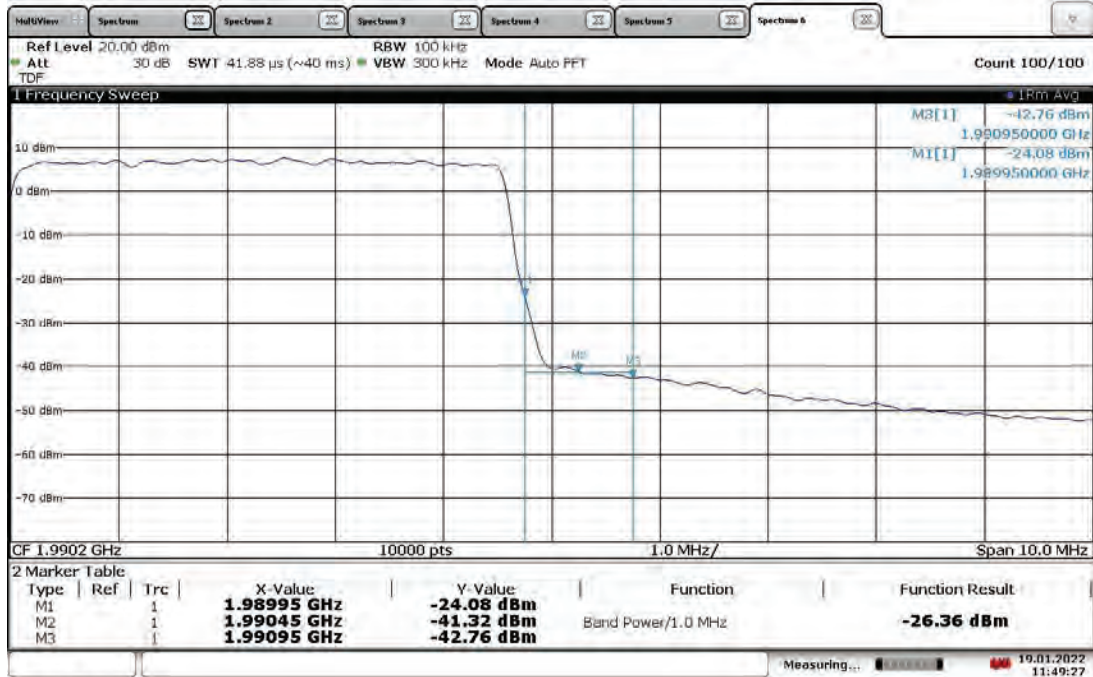


Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK



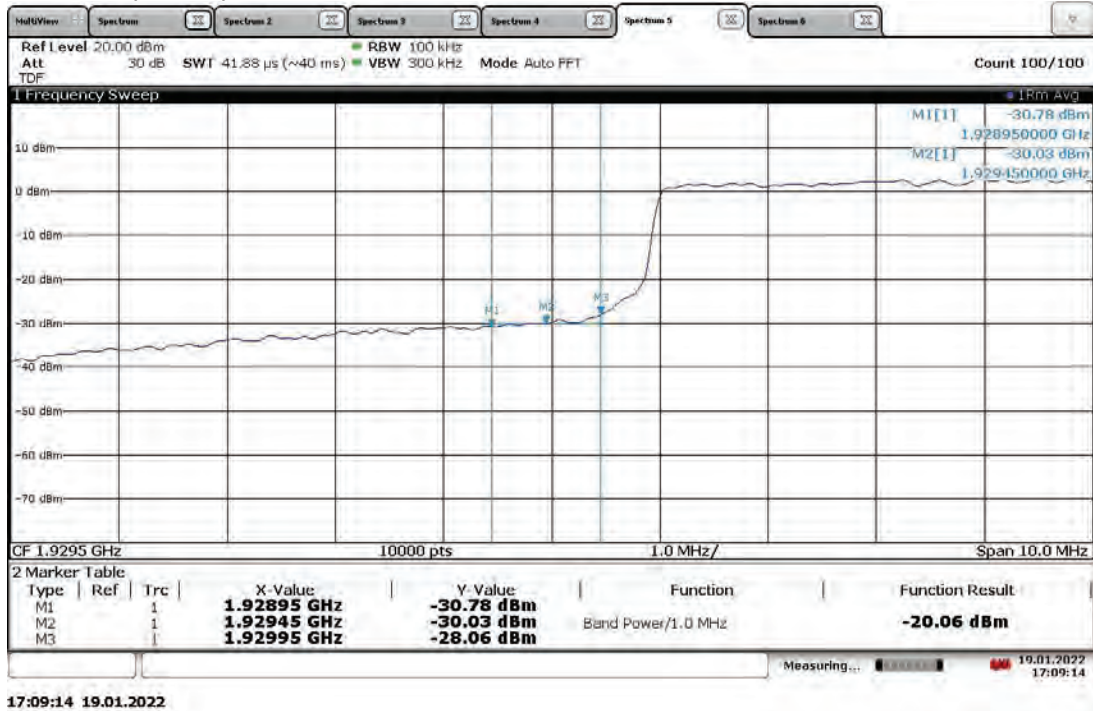
11:45:42 19.01.2022

Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

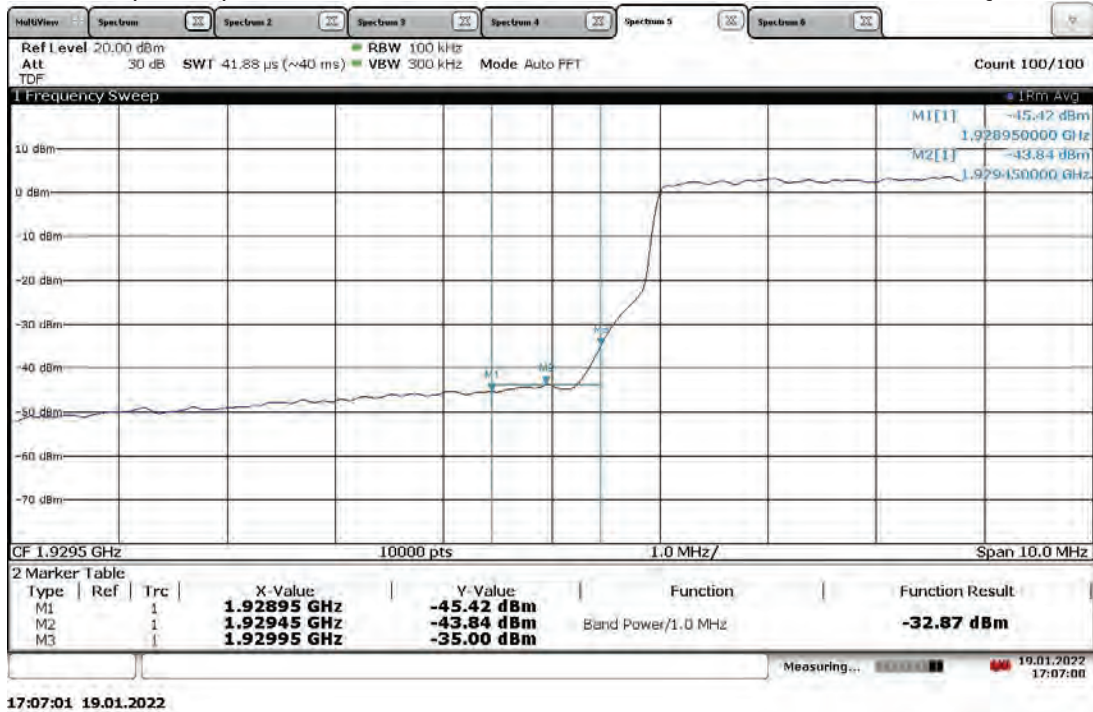


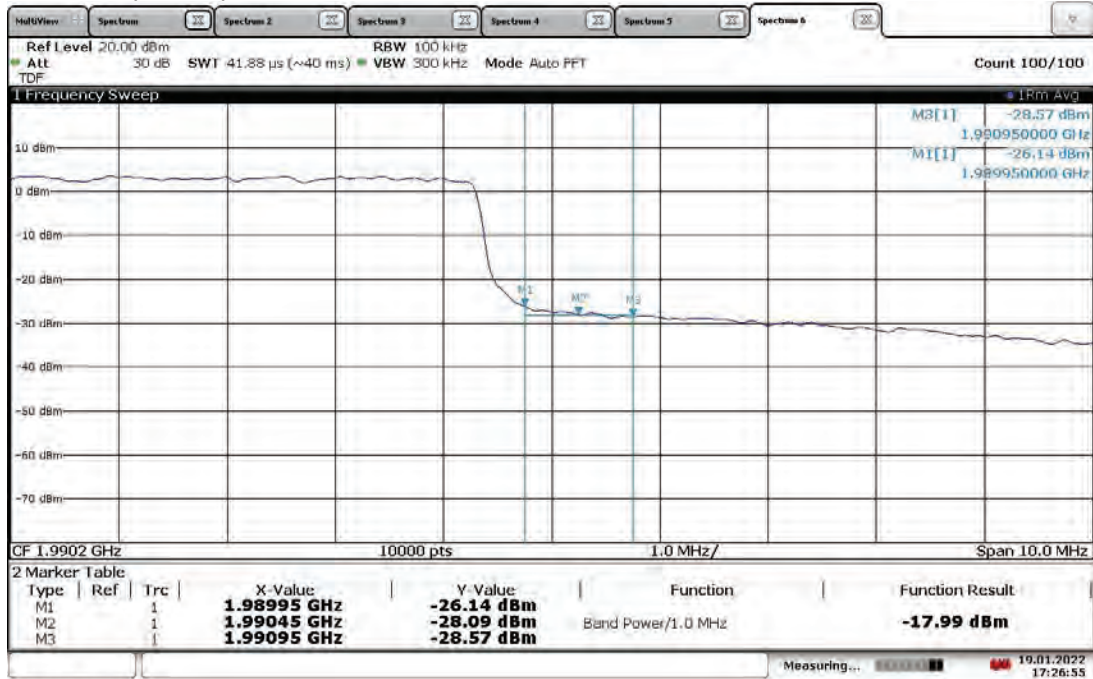
11:49:27 19.01.2022

Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM1.1-QPSK

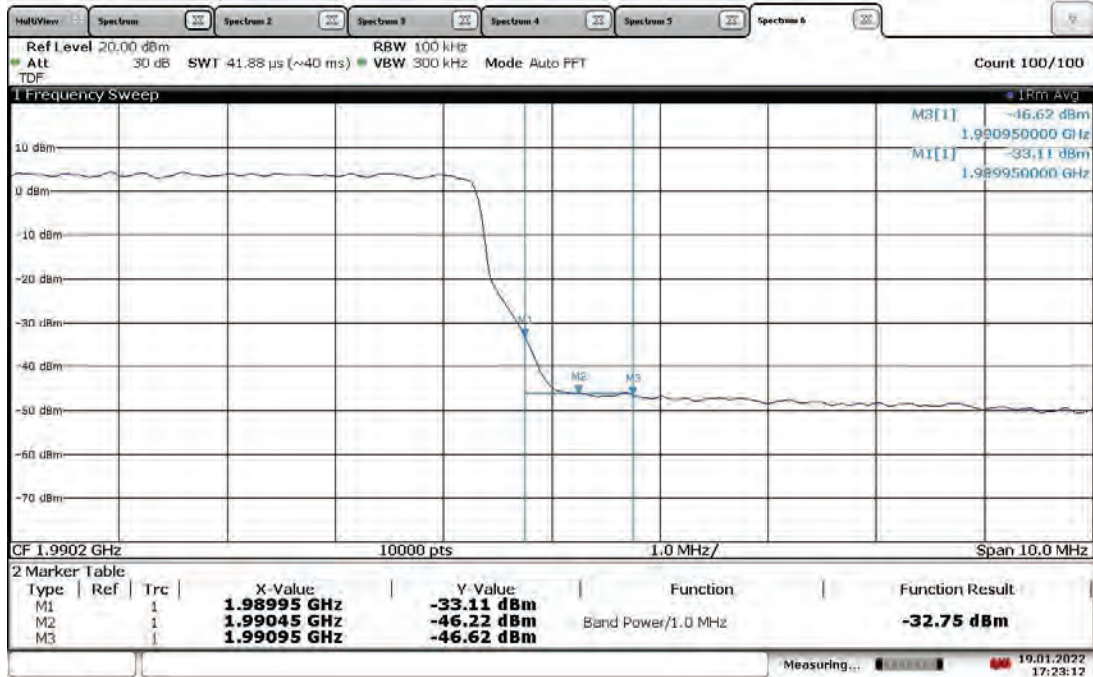


Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM1.1-QPSK



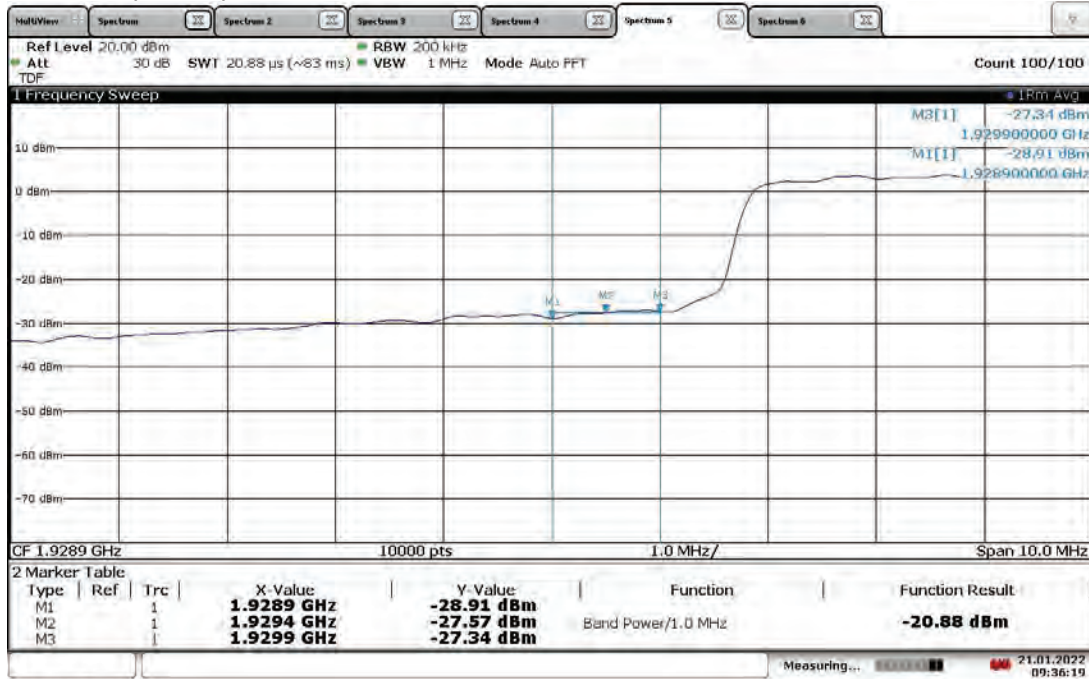
Band Edge Compliant, Upper Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM1.1-QPSK

17:26:55 19.01.2022

Band Edge Compliant, Upper Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM1.1-QPSK

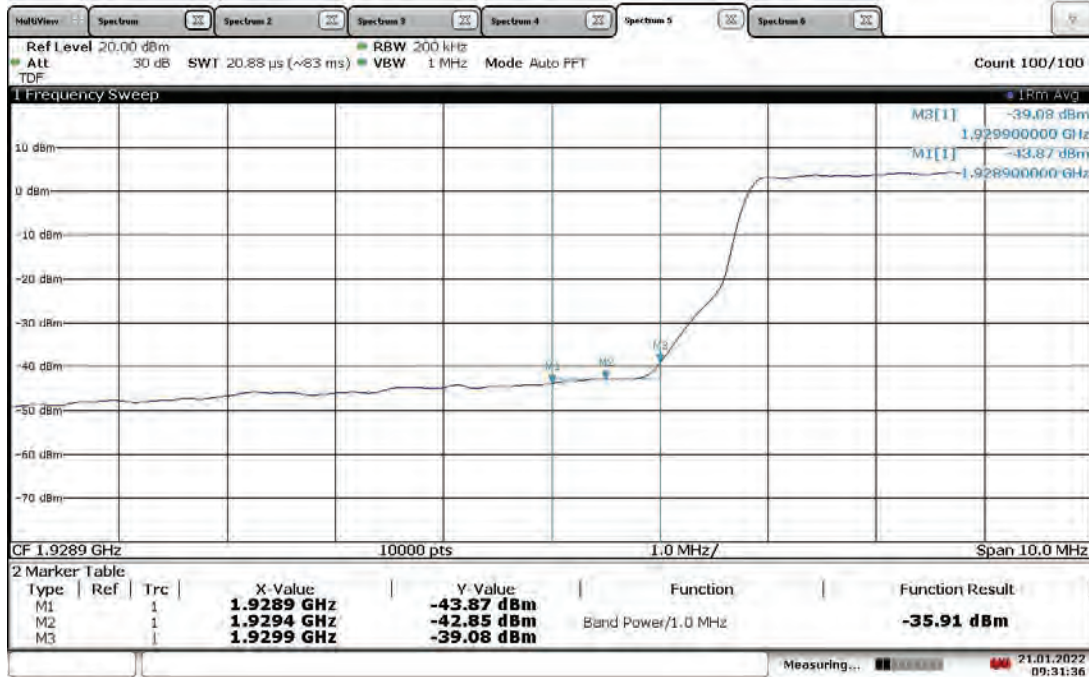
17:23:12 19.01.2022

Band Edge Compliant, Lower Band Edge, 1937.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 15 MHz, Modulation: TM1.1-QPSK

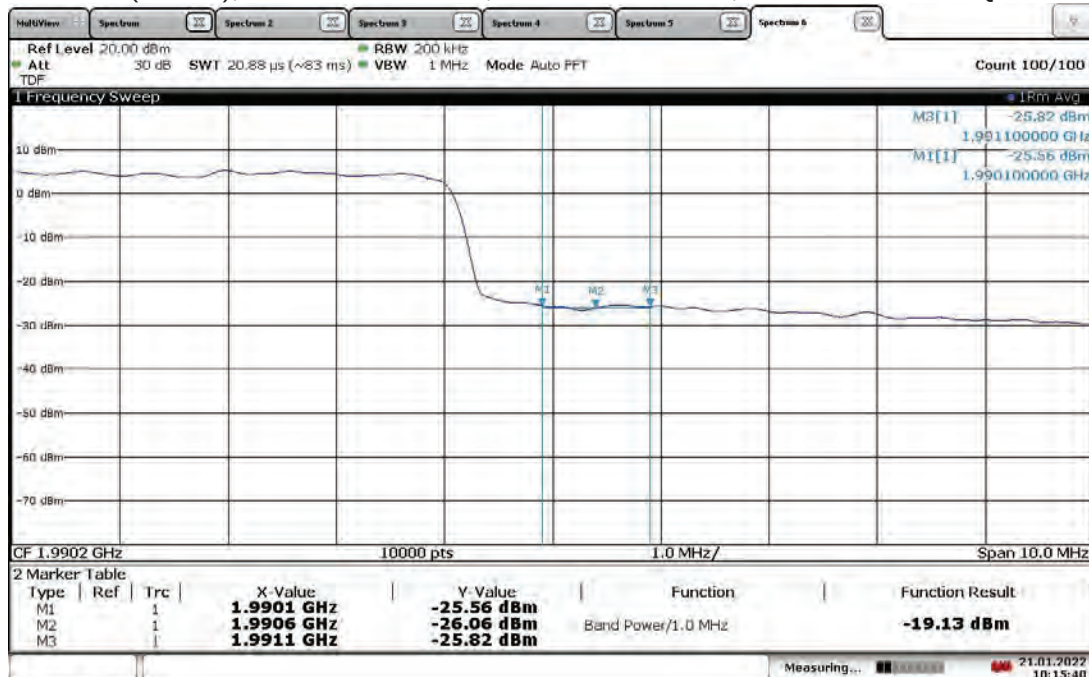


09:36:19 21.01.2022

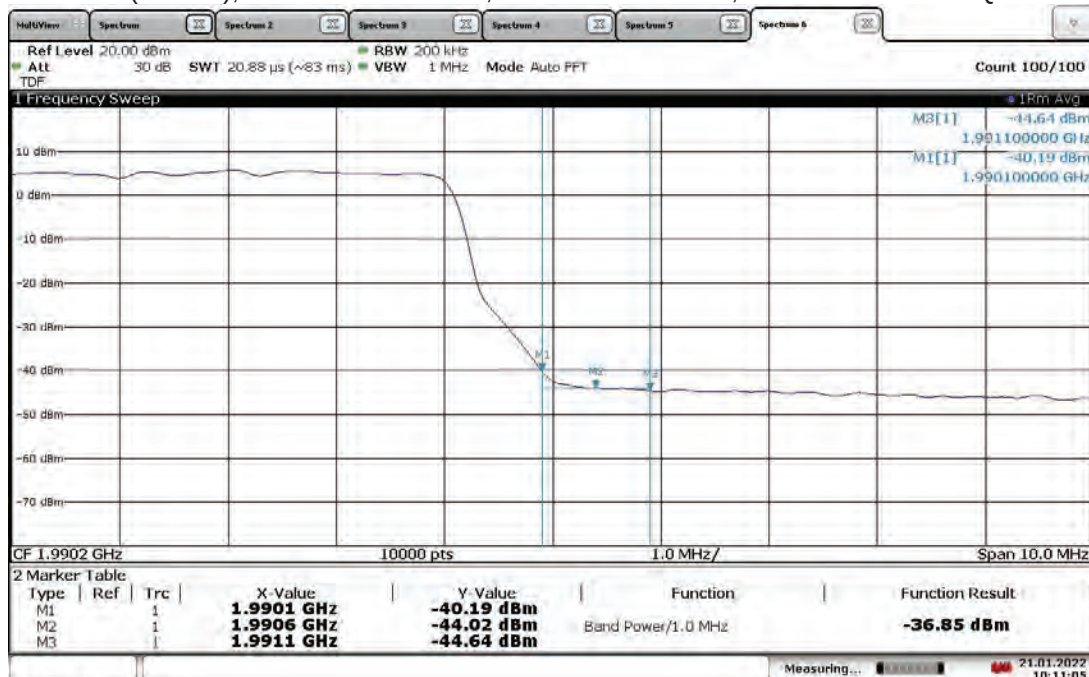
Band Edge Compliant, Lower Band Edge, 1937.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 15 MHz, Modulation: TM1.1-QPSK



09:31:38 21.01.2022

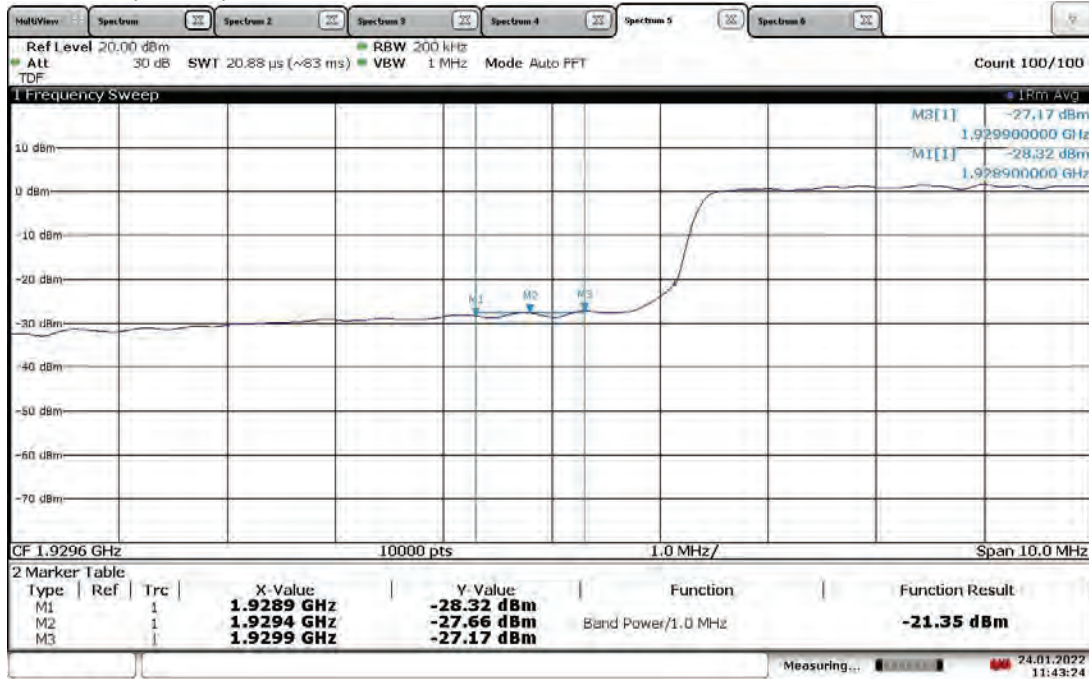
Band Edge Compliant, Upper Band Edge, 1982.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 15 MHz, Modulation: TM1.1-QPSK

10:15:40 21.01.2022

Band Edge Compliant, Upper Band Edge, 1982.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 15 MHz, Modulation: TM1.1-QPSK

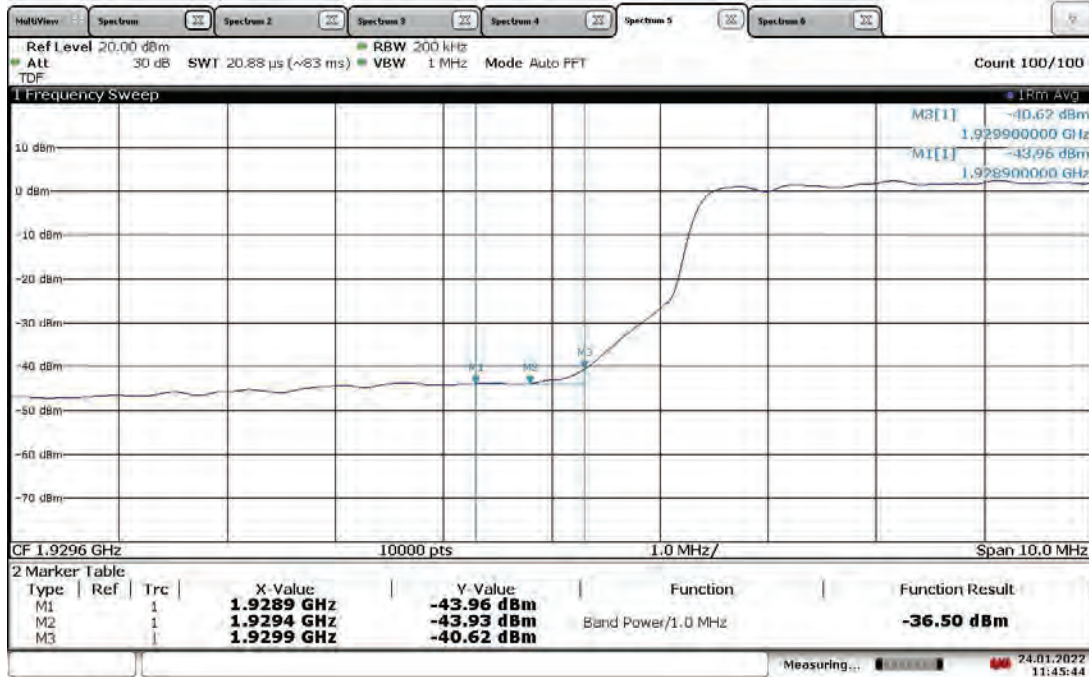
10:11:05 21.01.2022

Band Edge Compliant, Lower Band Edge, 1940 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 20 MHz, Modulation: TM1.1-QPSK



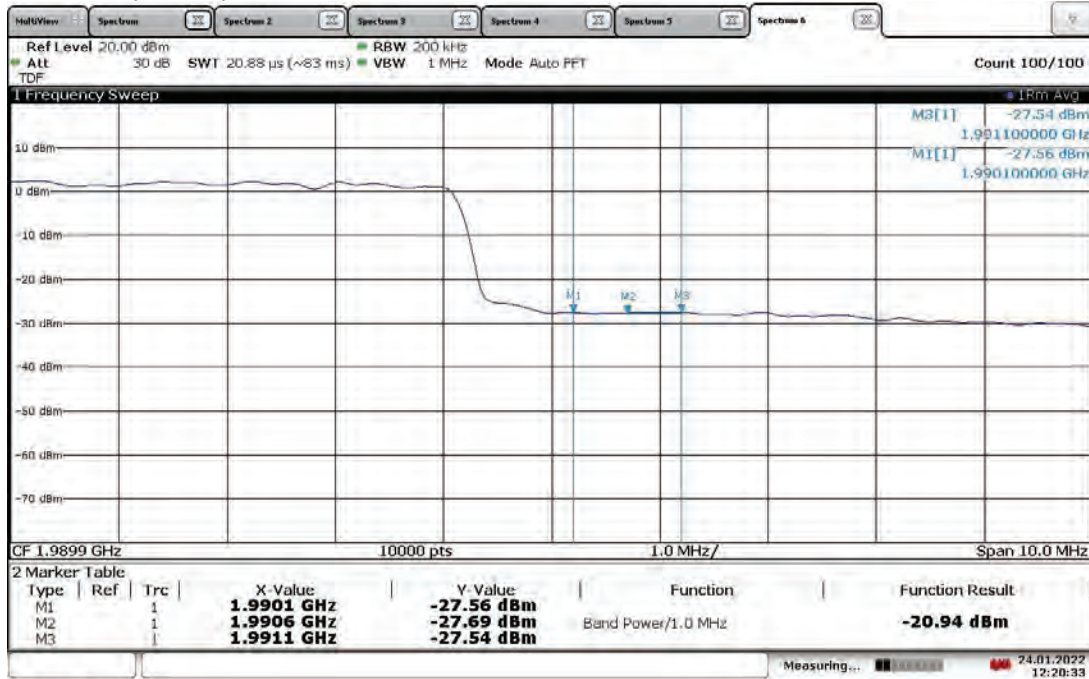
11:43:25 24.01.2022

Band Edge Compliant, Lower Band Edge, 1940 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 20 MHz, Modulation: TM1.1-QPSK



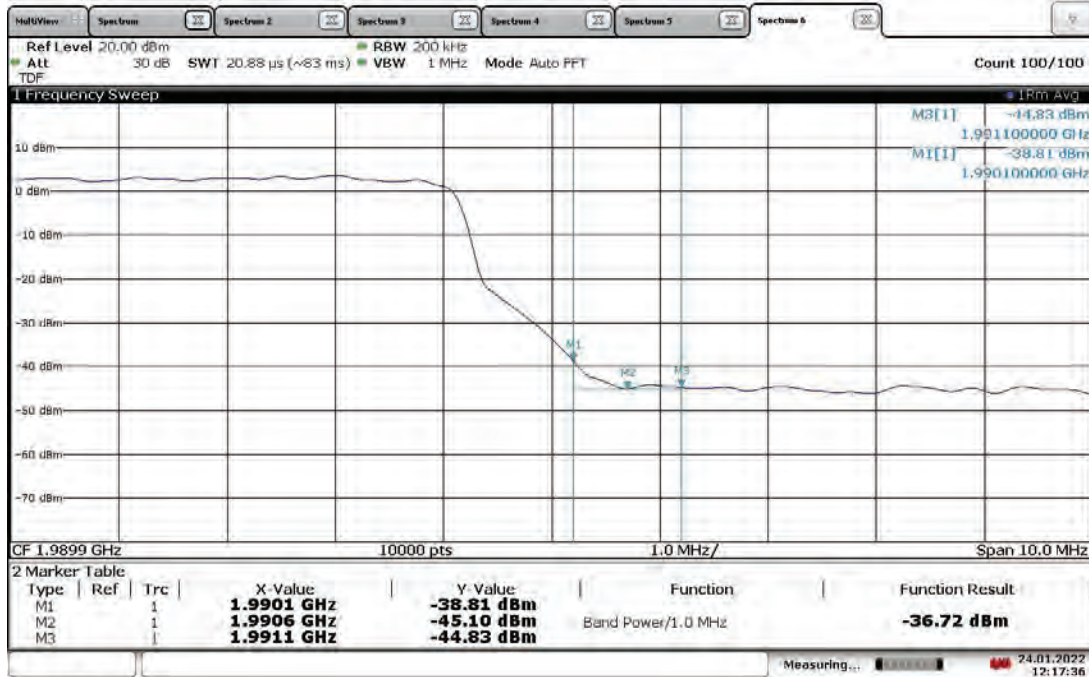
11:45:44 24.01.2022

Band Edge Compliant, Upper Band Edge, 1980 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 20 MHz, Modulation: TM1.1-QPSK



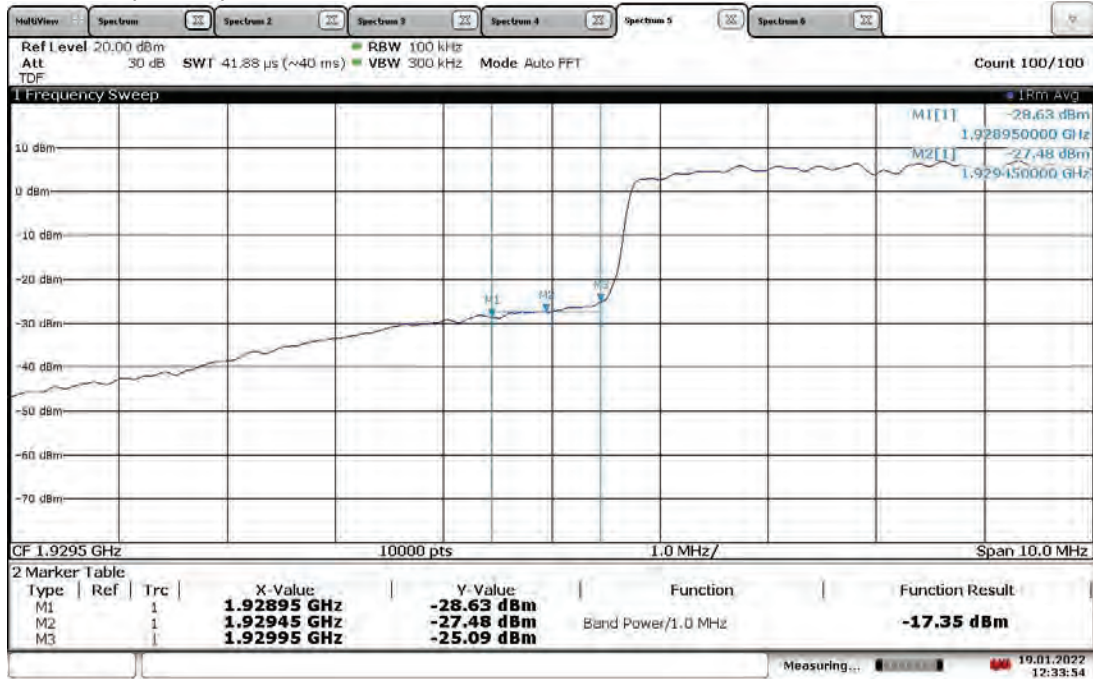
12:20:33 24.01.2022

Band Edge Compliant, Upper Band Edge, 1980 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 20 MHz, Modulation: TM1.1-QPSK



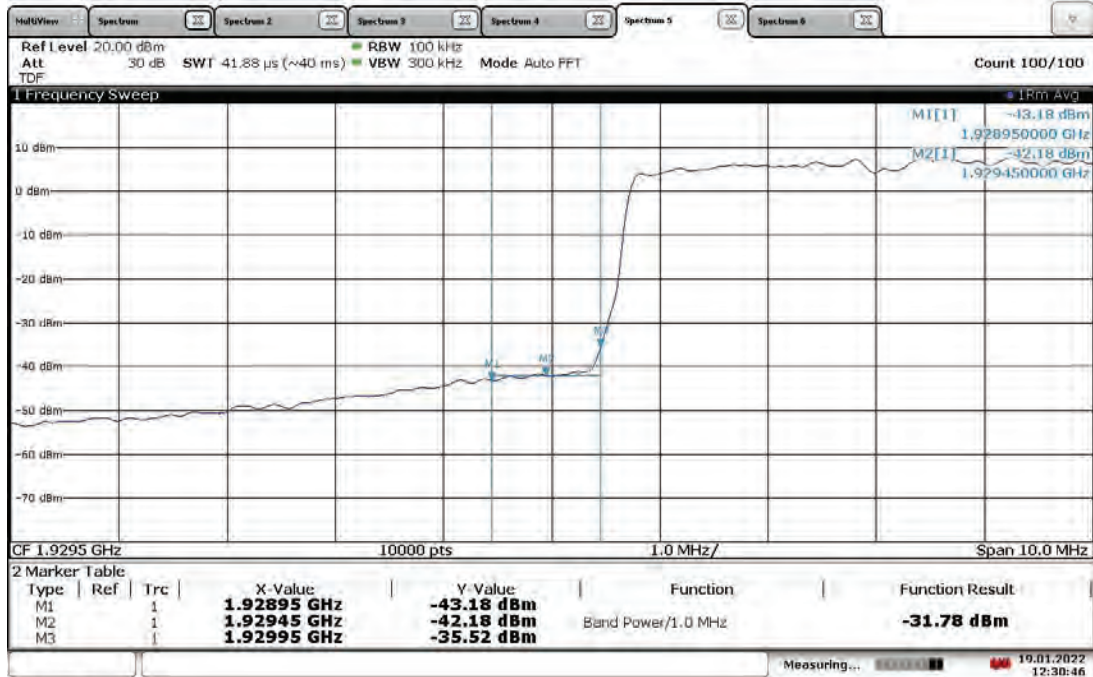
12:17:36 24.01.2022

Band Edge Compliant, Lower Band Edge, 1932.5MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM



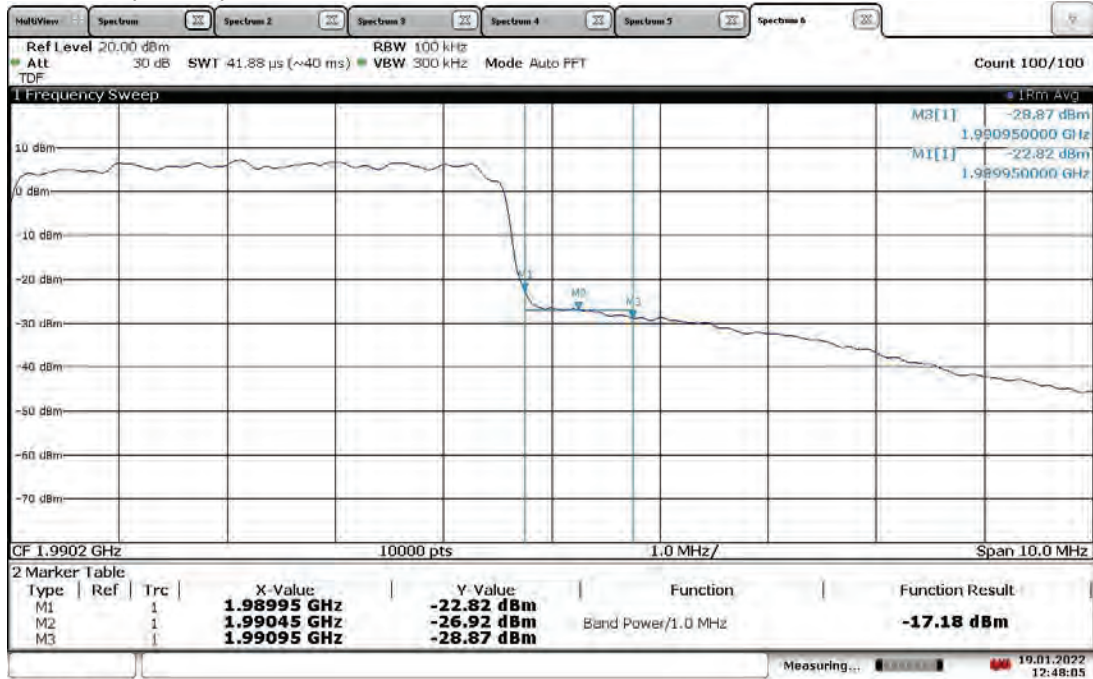
12:33:55 19.01.2022

Band Edge Compliant, Lower Band Edge, 1932.5MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM



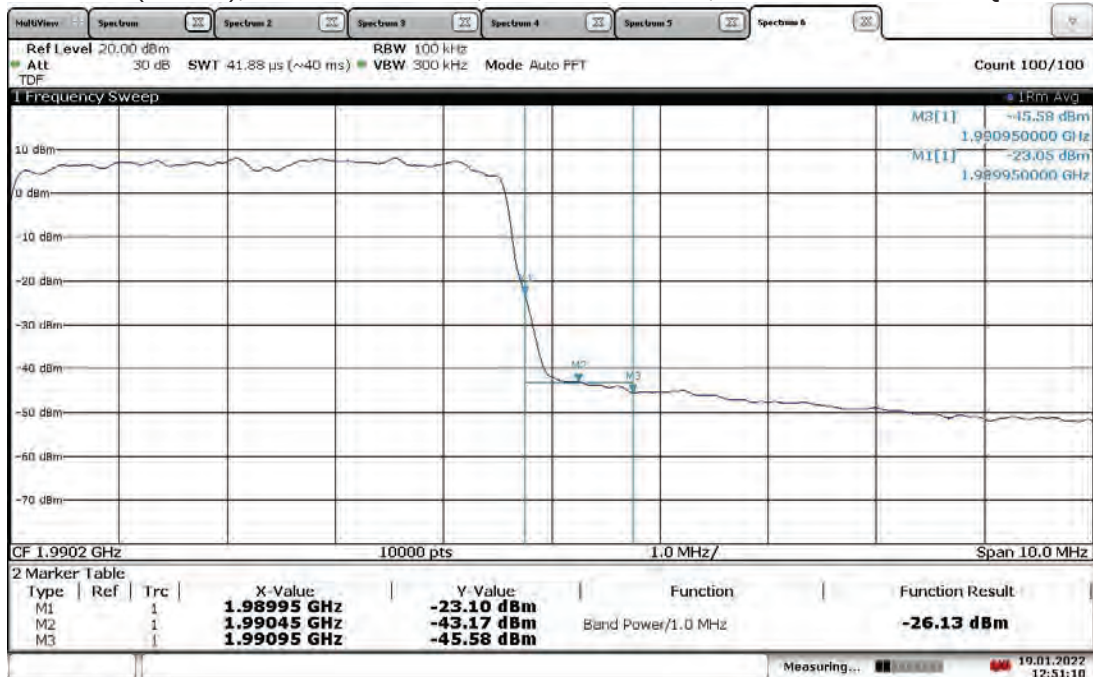
12:30:46 19.01.2022

Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM



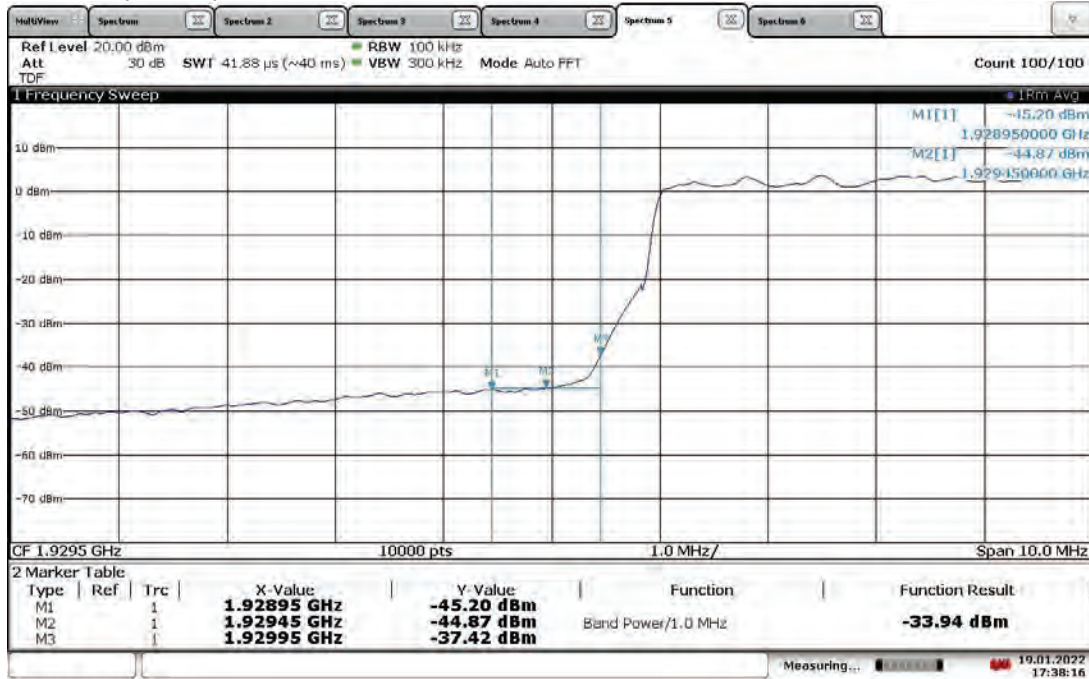
12:48:05 19.01.2022

Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM



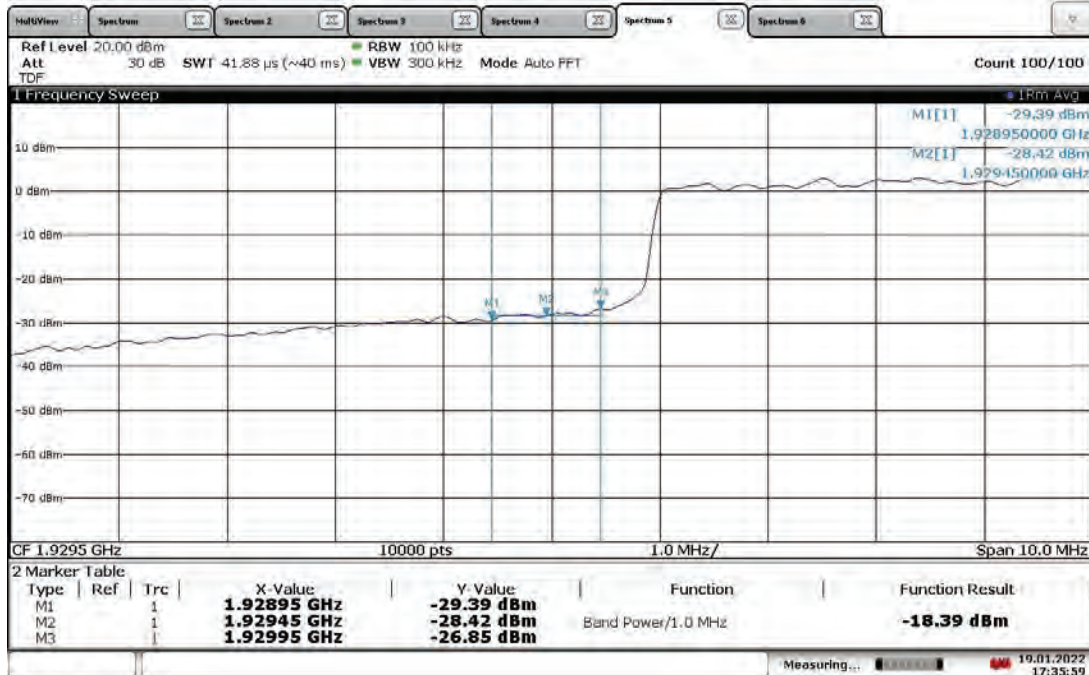
12:51:10 19.01.2022

Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM3.2-16QAM



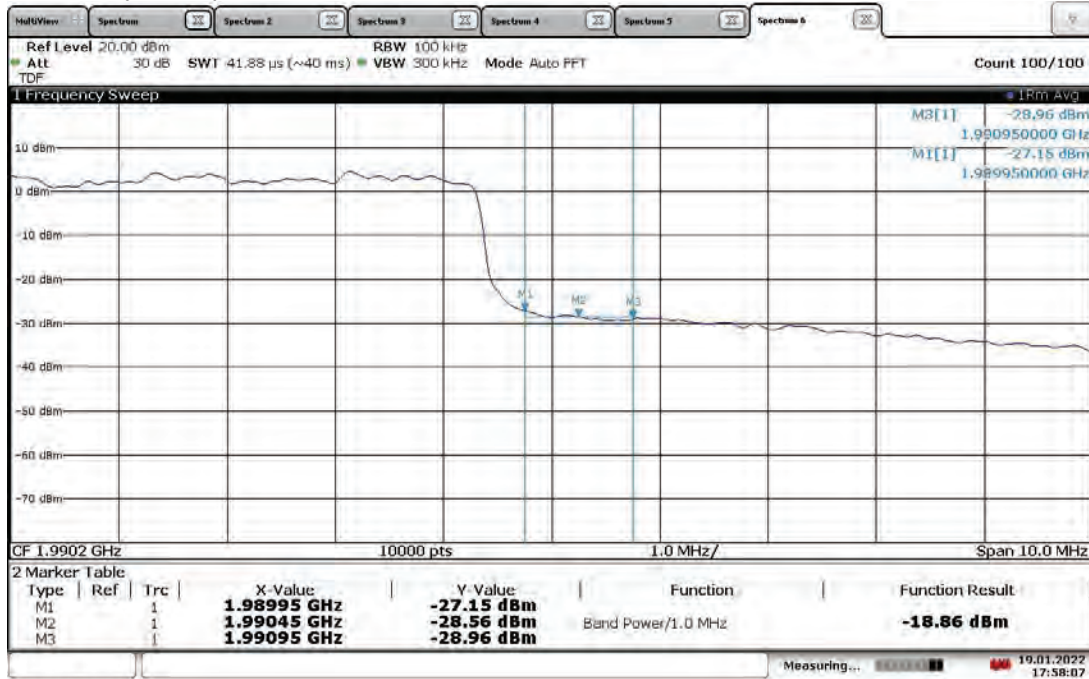
17:38:16 19.01.2022

Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM3.2-16QAM



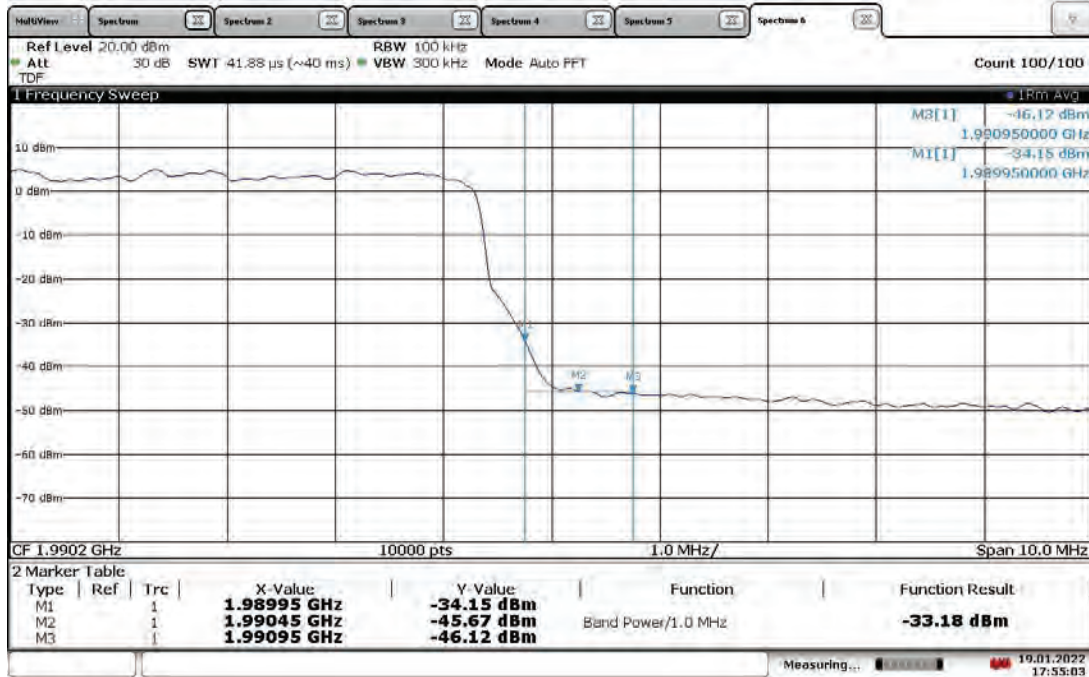
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Band Edge Compliant, Upper Band Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM3.2-16QAM



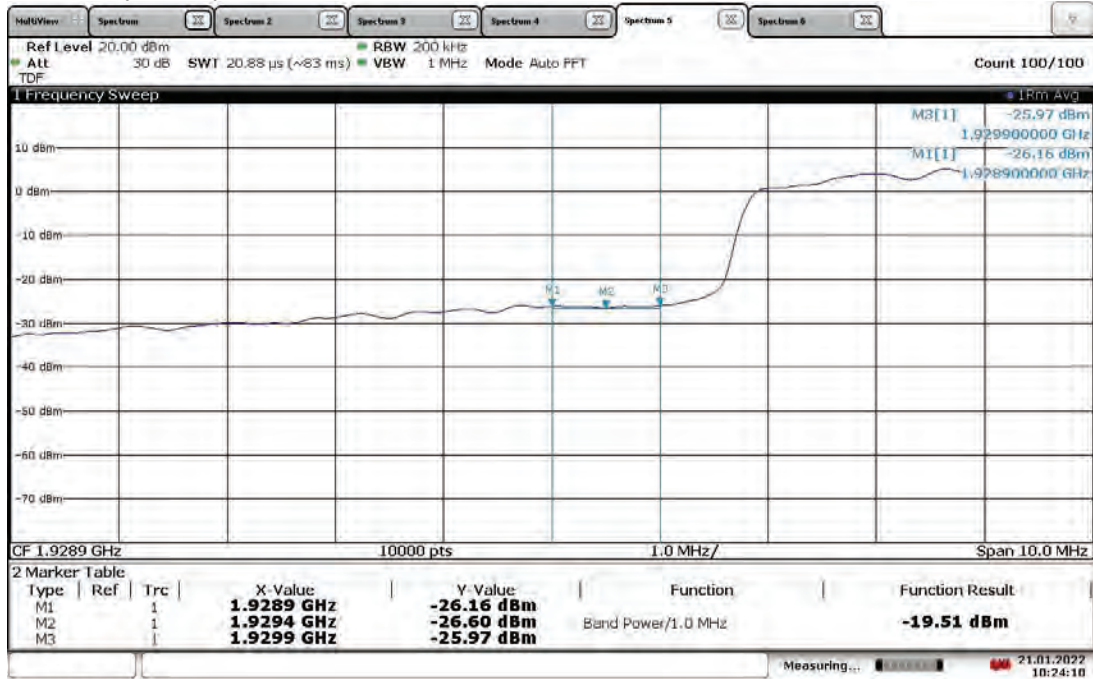
17:58:07 19.01.2022

Band Edge Compliant, Upper Band Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM3.2-16QAM



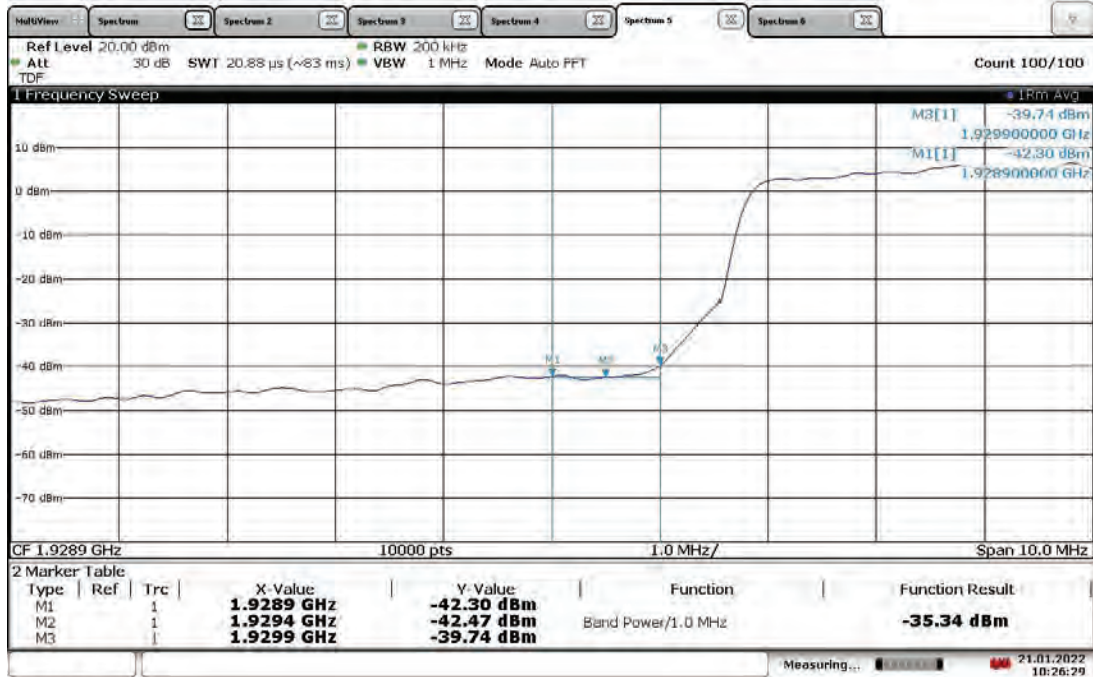
17:55:03 19.01.2022

Band Edge Compliant, Lower Band Edge, 1937.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 15 MHz, Modulation: TM3.2-16QAM

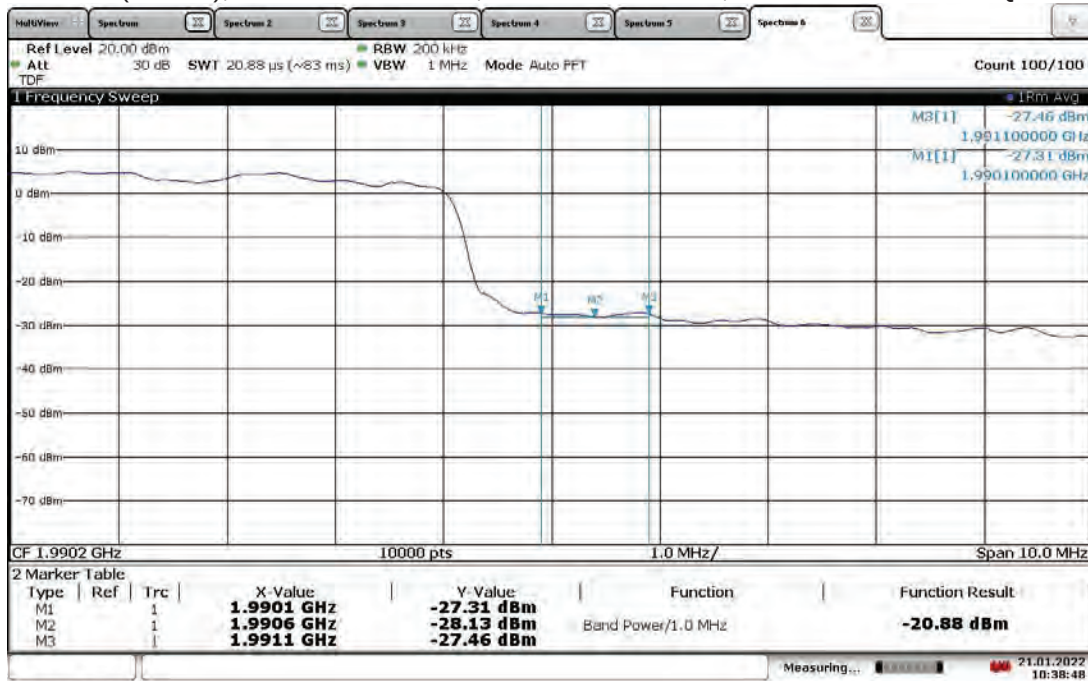


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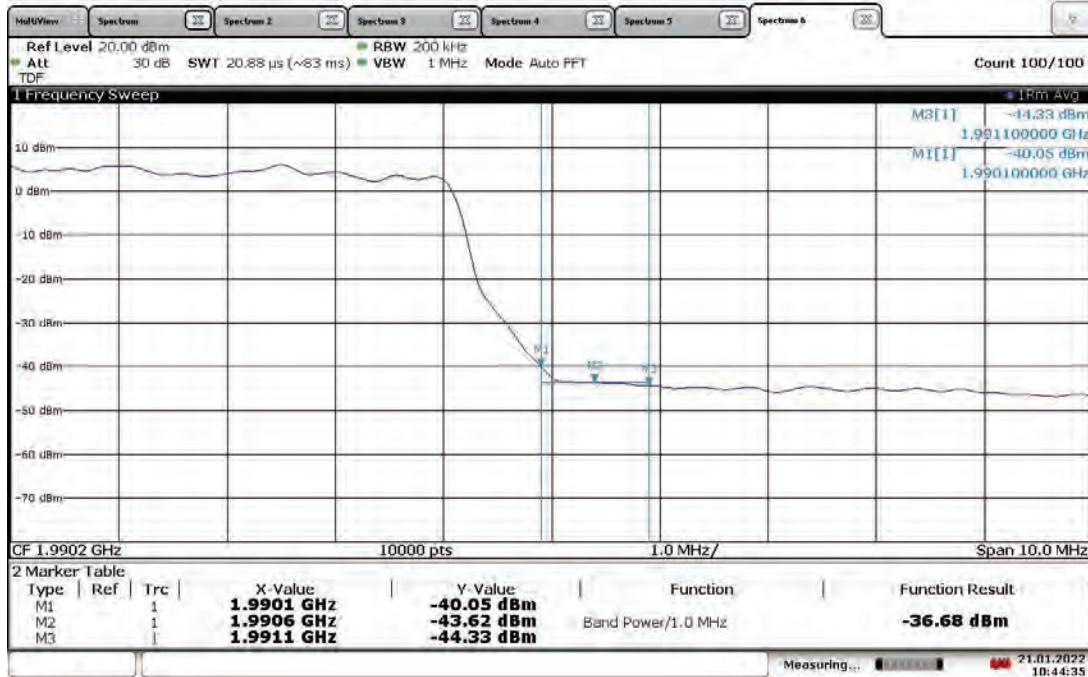
Band Edge Compliant, Lower Band Edge, 1937.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 15 MHz, Modulation: TM3.2-16QAM



10:26:30 21.01.2022

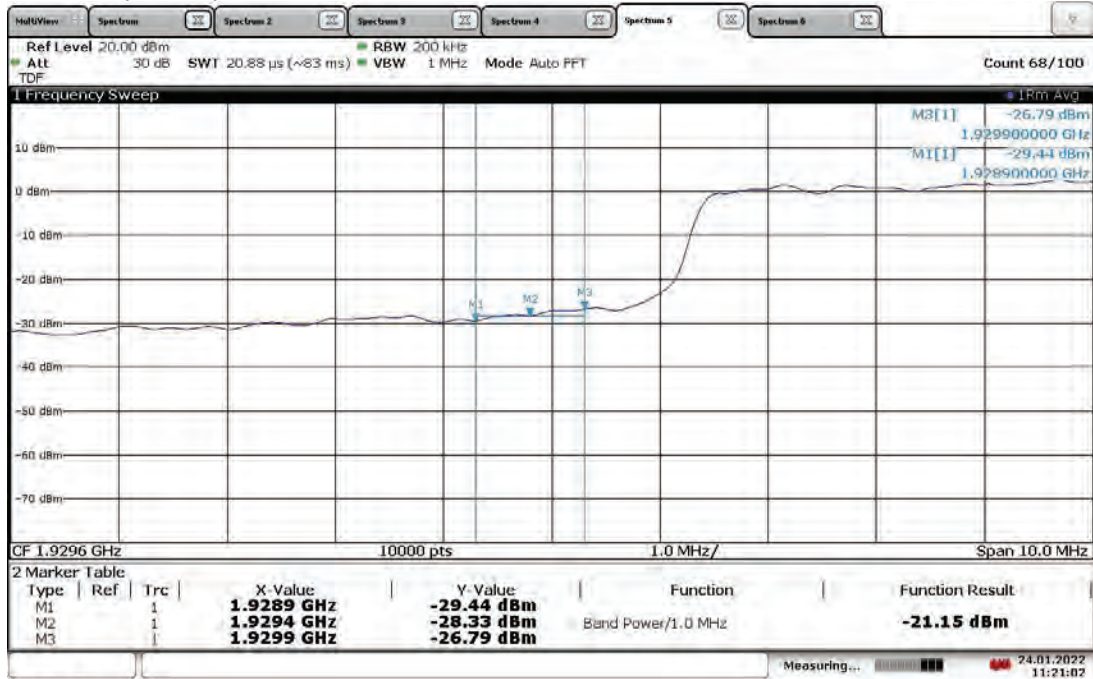
Band Edge Compliant, Upper Band Edge, 1982.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 15 MHz, Modulation: TM3.2-16QAM

10:38:49 21.01.2022

Band Edge Compliant, Upper Band Edge, 1982.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 15 MHz, Modulation: TM3.2-16QAM

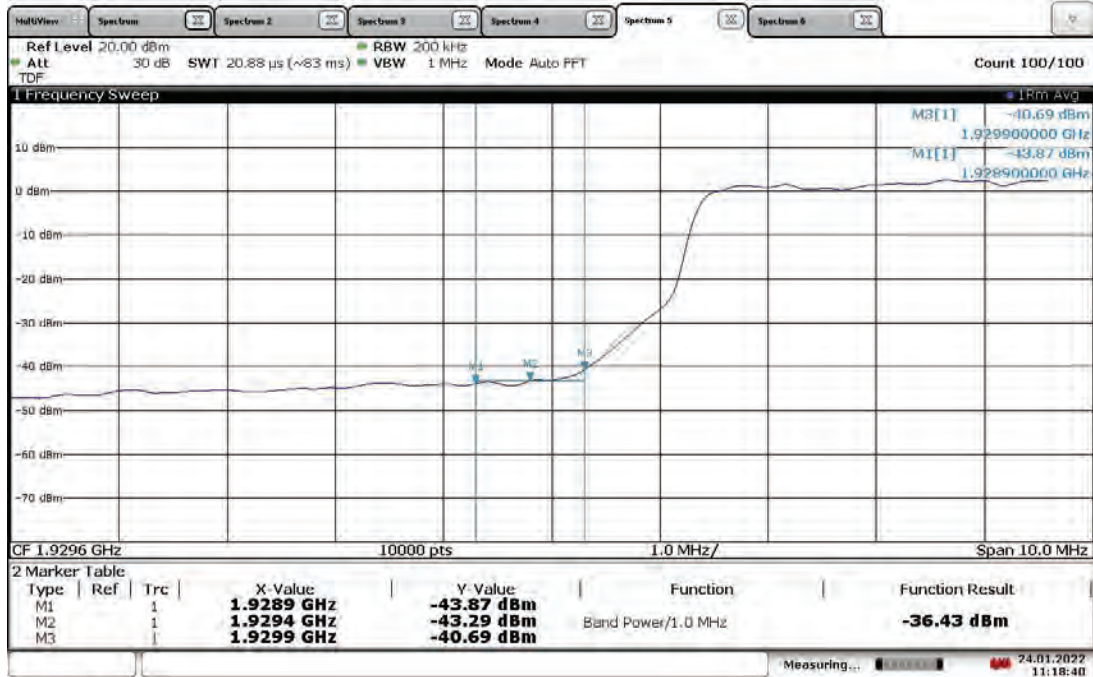
10:44:35 21.01.2022

Band Edge Compliant, Lower Band Edge, 1940 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 20 MHz, Modulation: TM3.2-16QAM



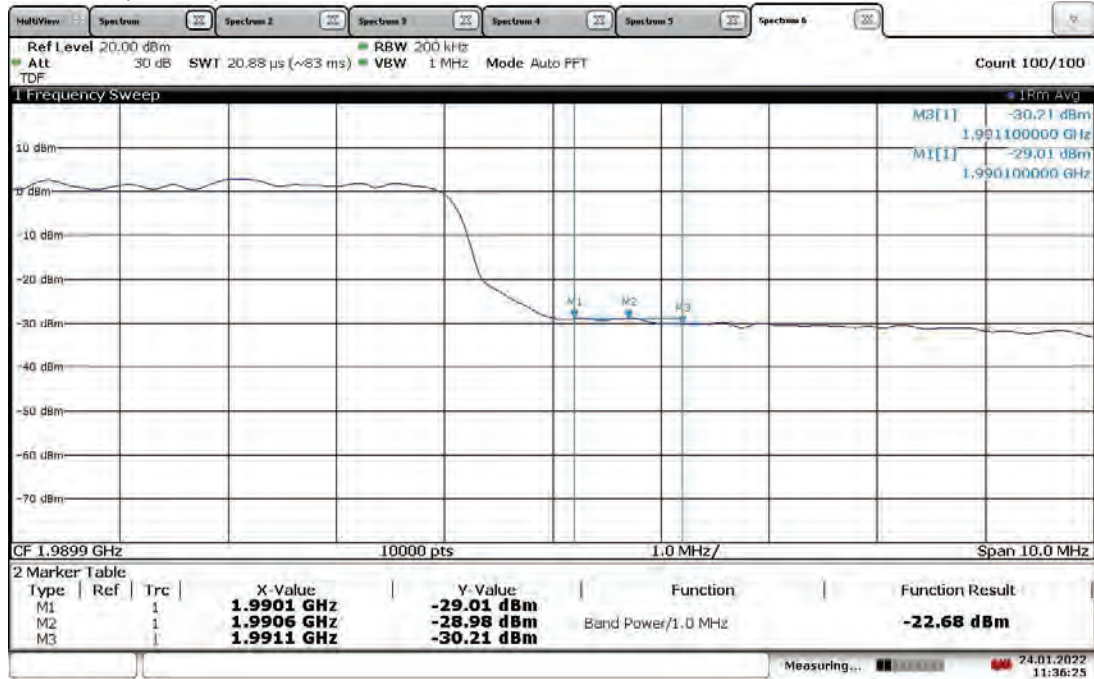
11:21:02 24.01.2022

Band Edge Compliant, Lower Band Edge, 1940 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 20 MHz, Modulation: TM3.2-16QAM



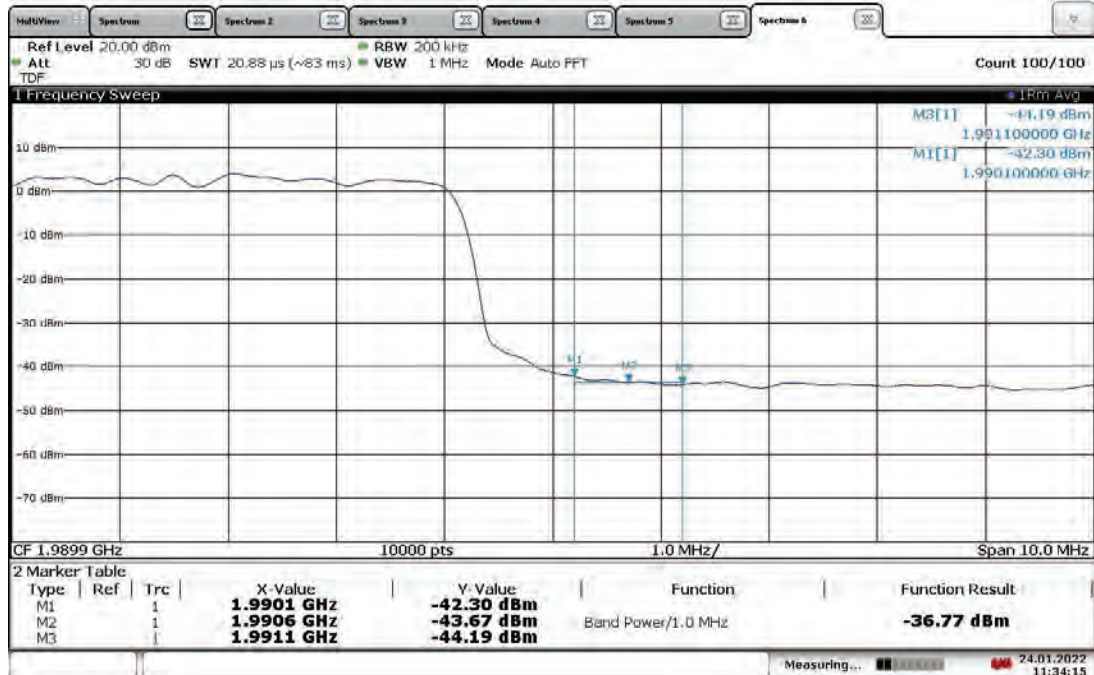
11:18:41 24.01.2022

Band Edge Compliant, Upper Band Edge, 1980 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 20 MHz, Modulation: TM3.2-16QAM



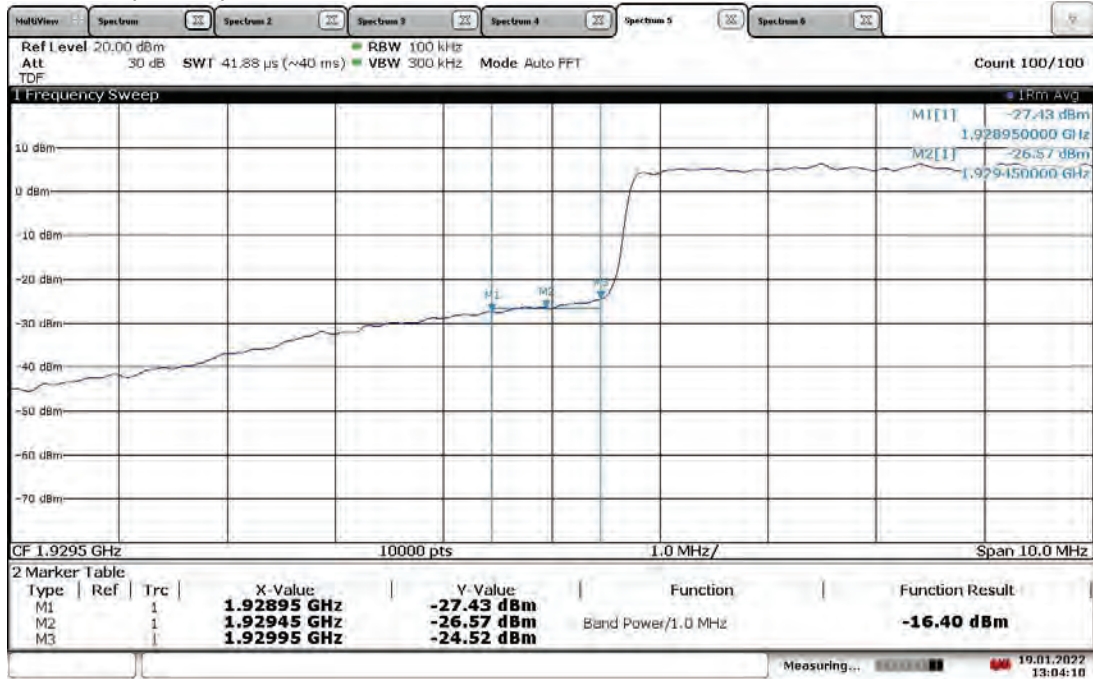
11:36:25 24.01.2022

Band Edge Compliant, Upper Band Edge, 1980 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 20 MHz, Modulation: TM3.2-16QAM



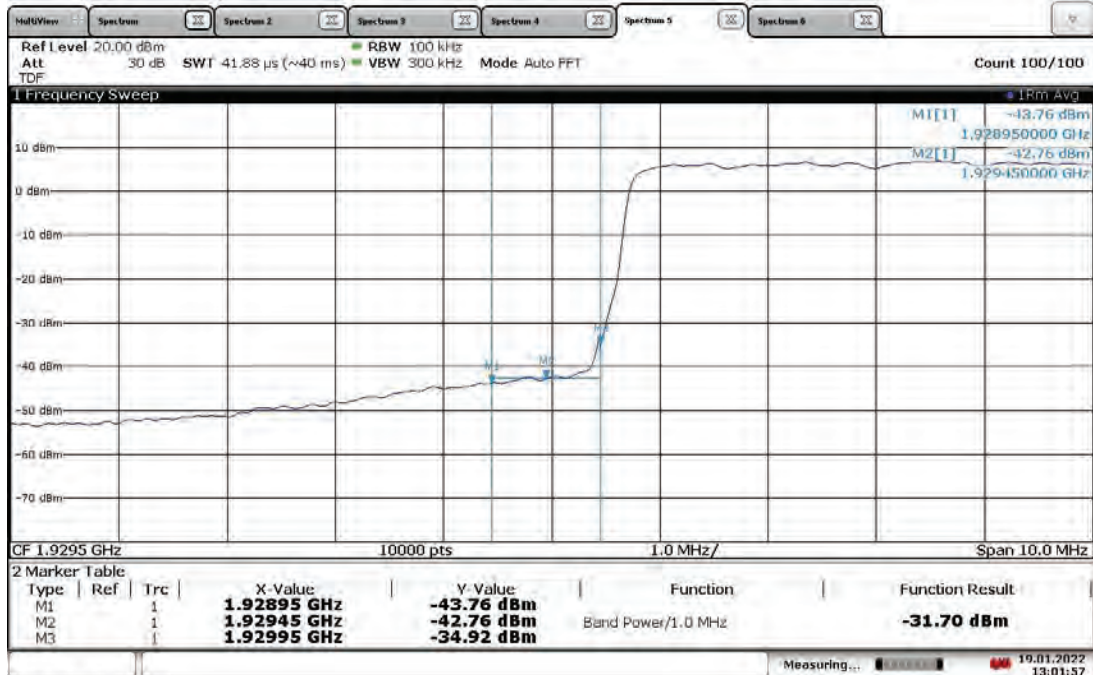
11:34:16 24.01.2022

Band Edge Compliant, Lower Band Edge, 1932.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM



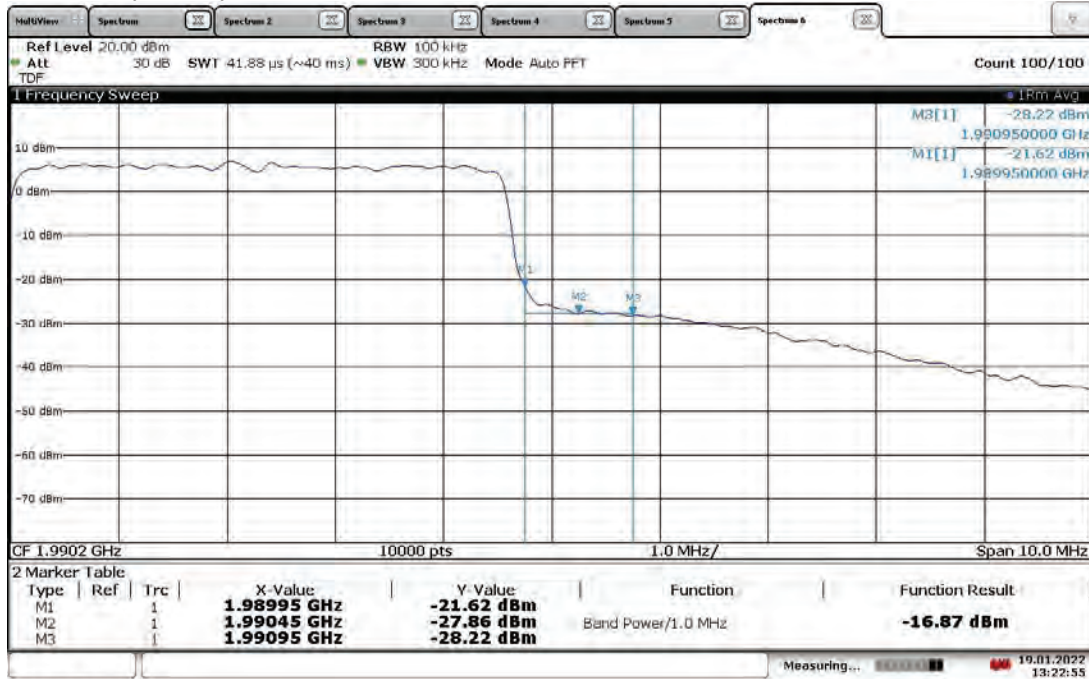
13:04:10 19.01.2022

Band Edge Compliant, Lower Band Edge, 1932.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM



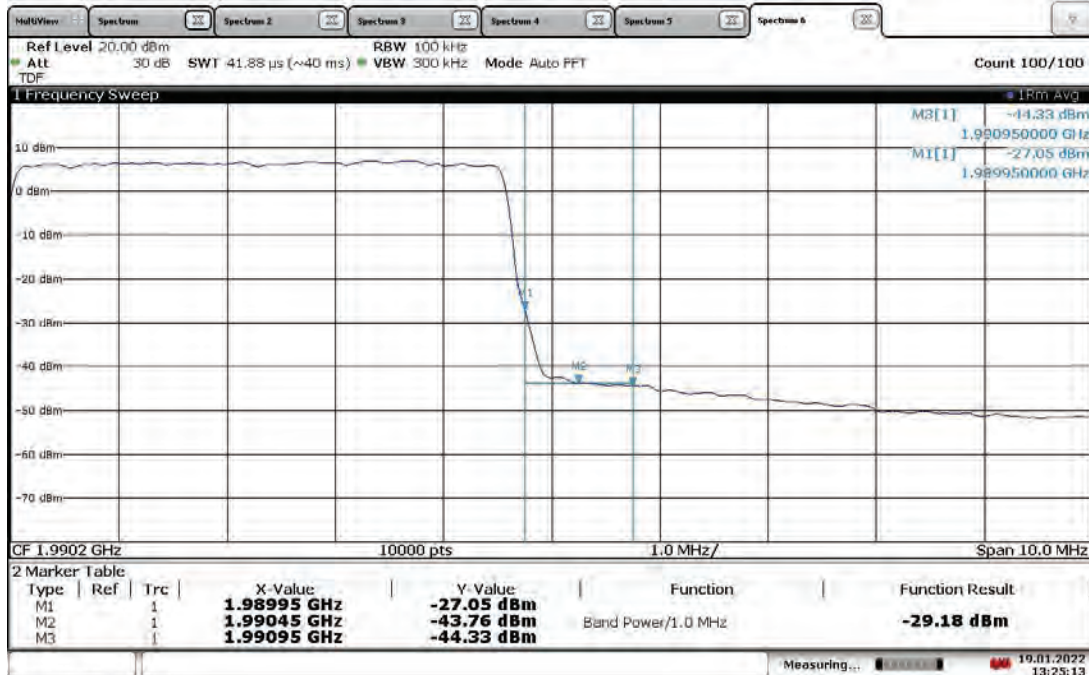
13:01:58 19.01.2022

Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM



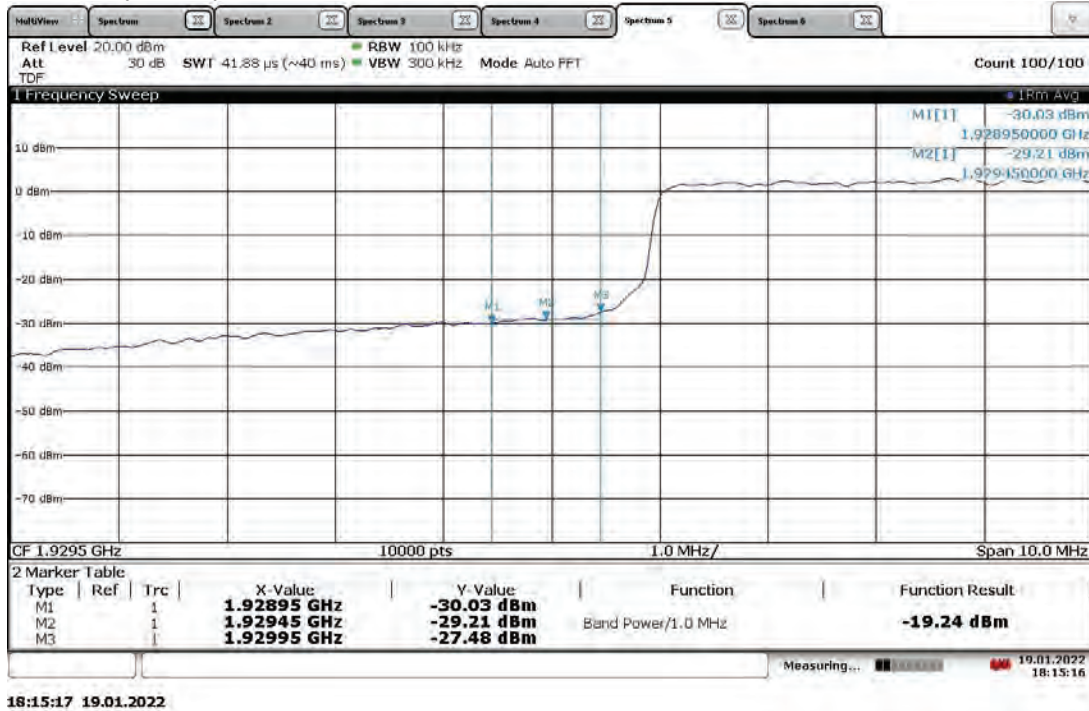
13:22:56 19.01.2022

Band Edge Compliant, Upper Band Edge, 1987.5 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM



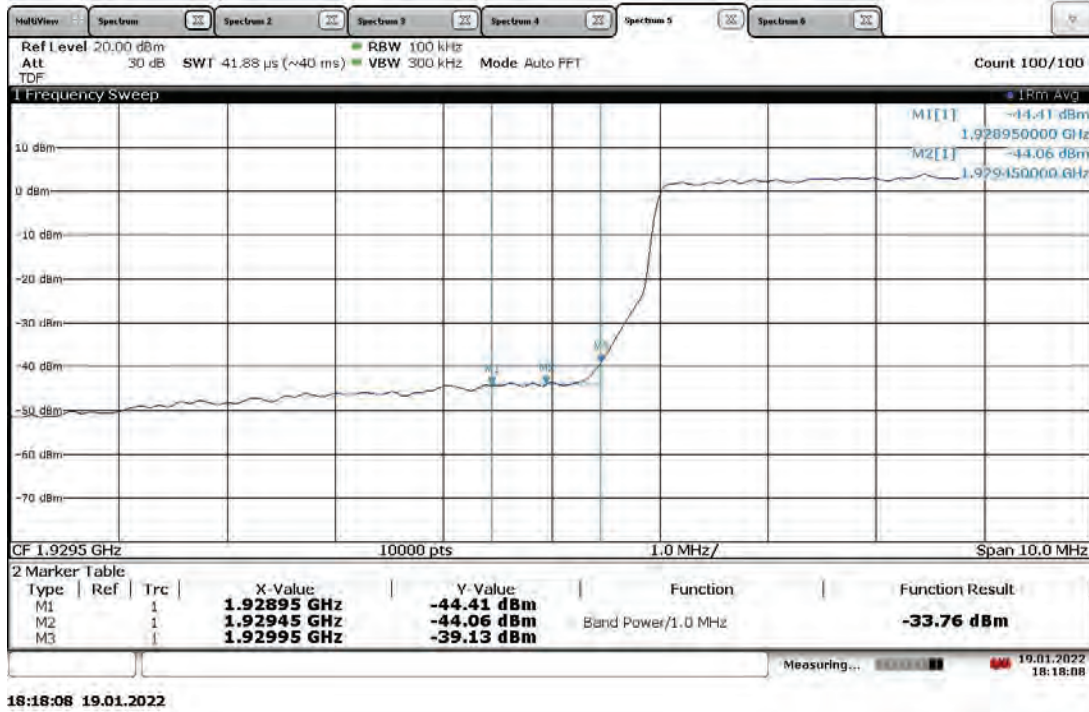
13:25:13 19.01.2022

Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM3.1-64QAM



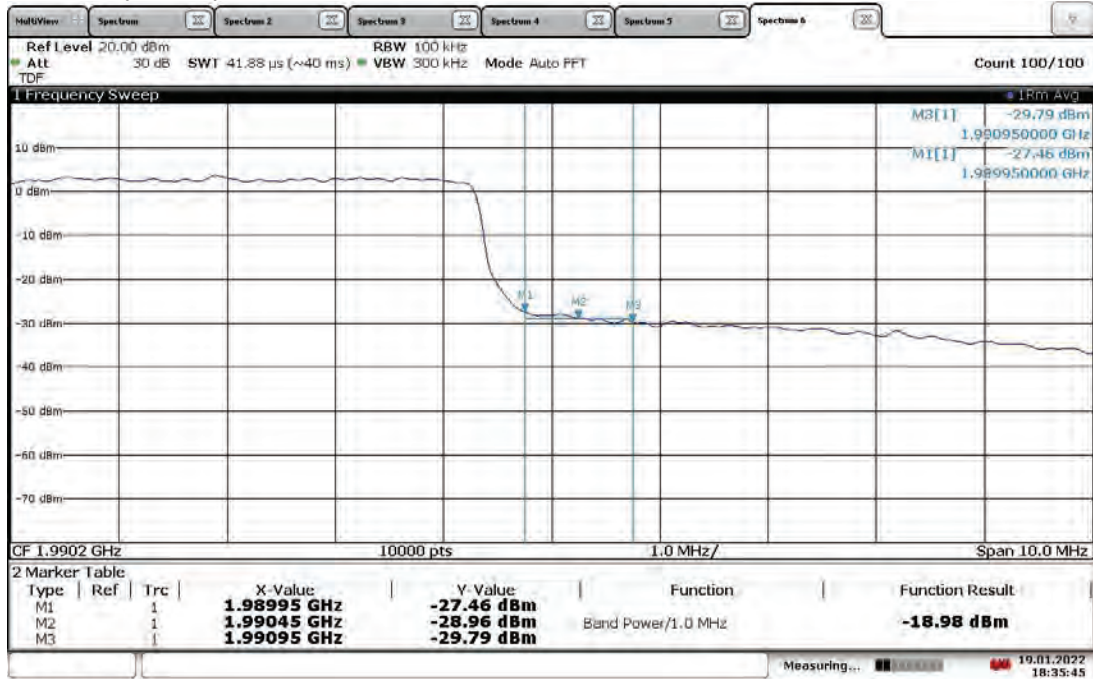
18:15:17 19.01.2022

Band Edge Compliant, Lower Band Edge, 1935 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM3.1-64QAM



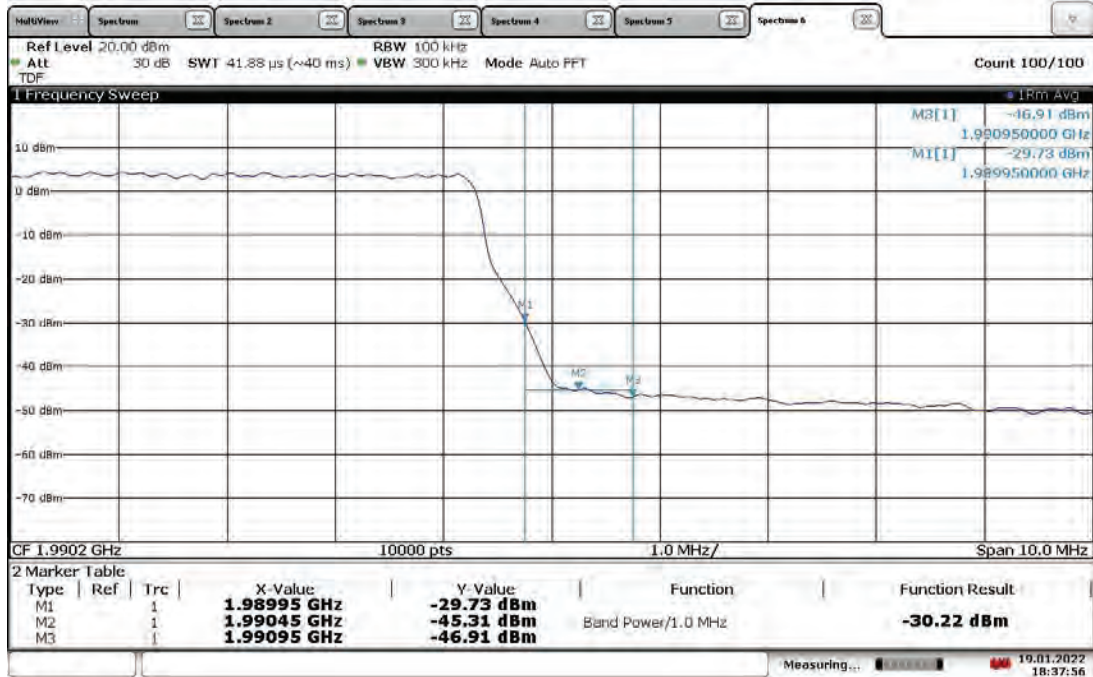
18:18:08 19.01.2022

Band Edge Compliant, Upper Band Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT0, Bandwidth: 10 MHz, Modulation: TM3.1-64QAM



18:35:45 19.01.2022

Band Edge Compliant, Upper Band Edge, 1985 MHz (4G LTE)
Slot 0 (Band 2), Antenna Port: ANT1, Bandwidth: 10 MHz, Modulation: TM3.1-64QAM



18:37:56 19.01.2022