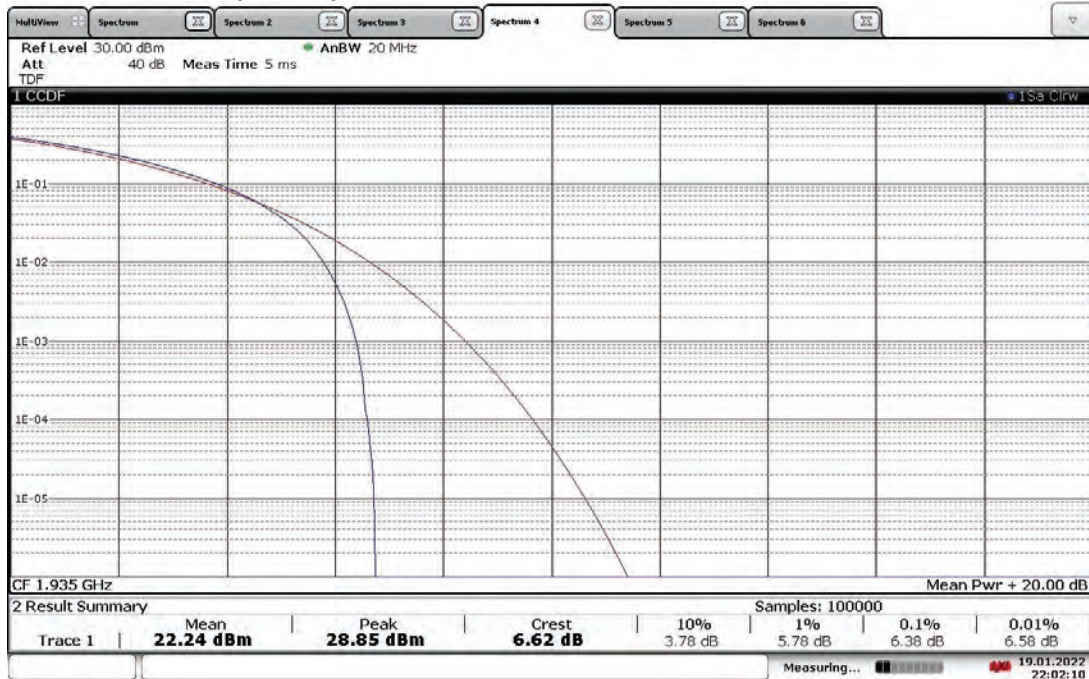
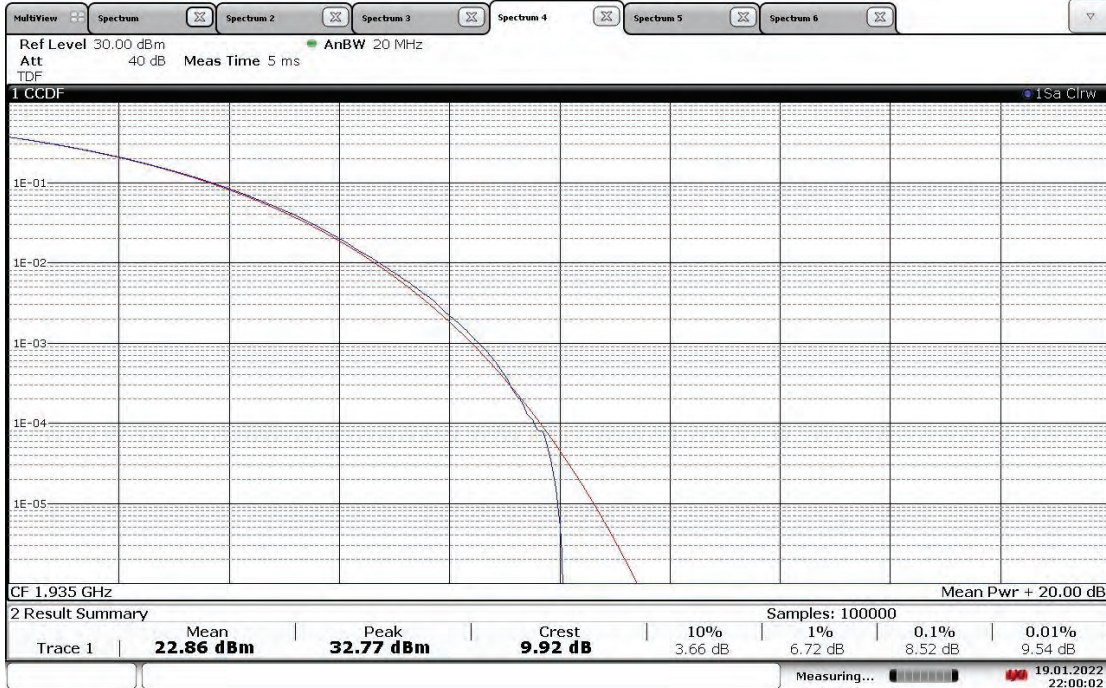


TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT0, Low Channel 1935 MHz, PAPR = 6.62 dB



22:02:10 19.01.2022

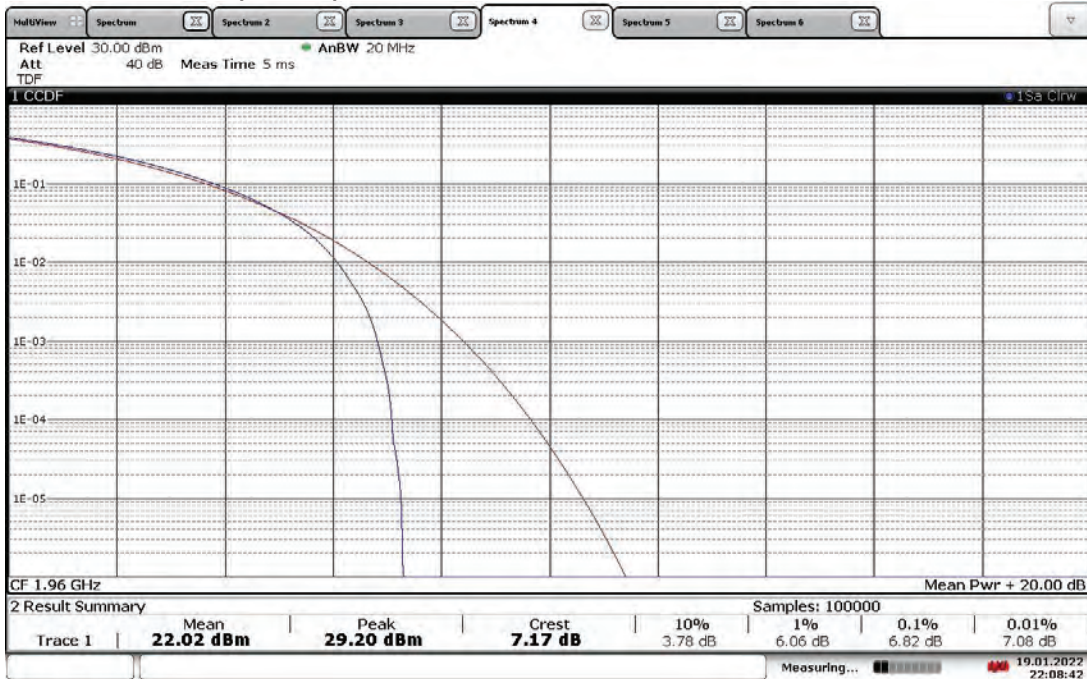
TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT1, Low Channel 1935 MHz, PAPR = 9.92 dB



22:00:02 19.01.2022

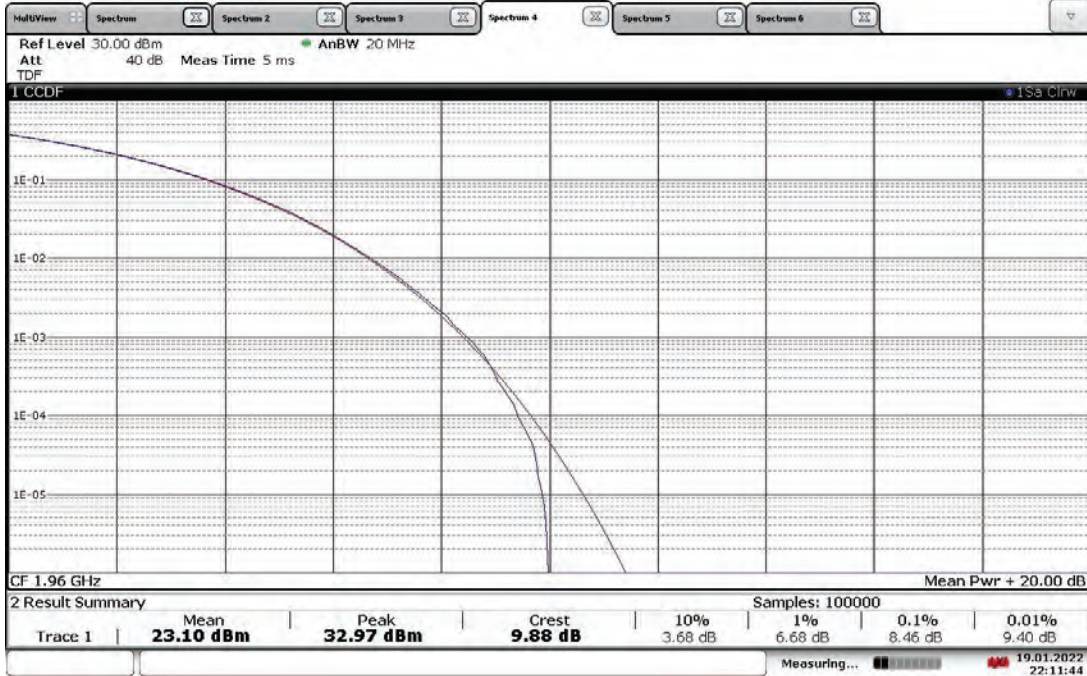


**TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, PAPR = 7.17 dB**



22:08:43 19.01.2022

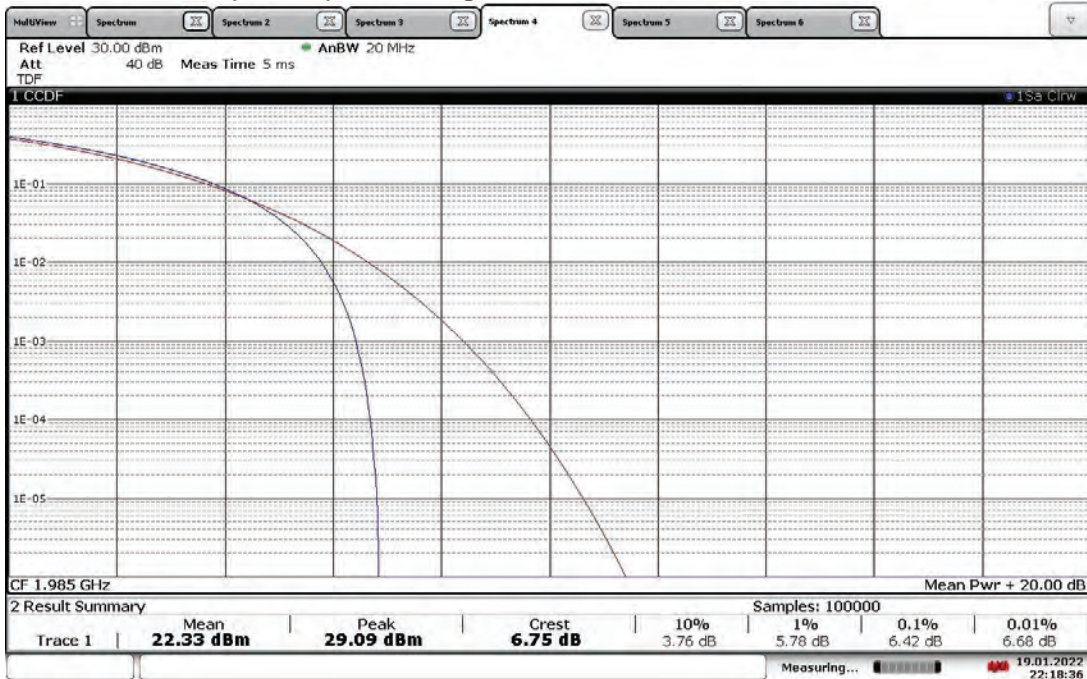
**TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, PAPR = 9.88 dB**



22:11:44 19.01.2022

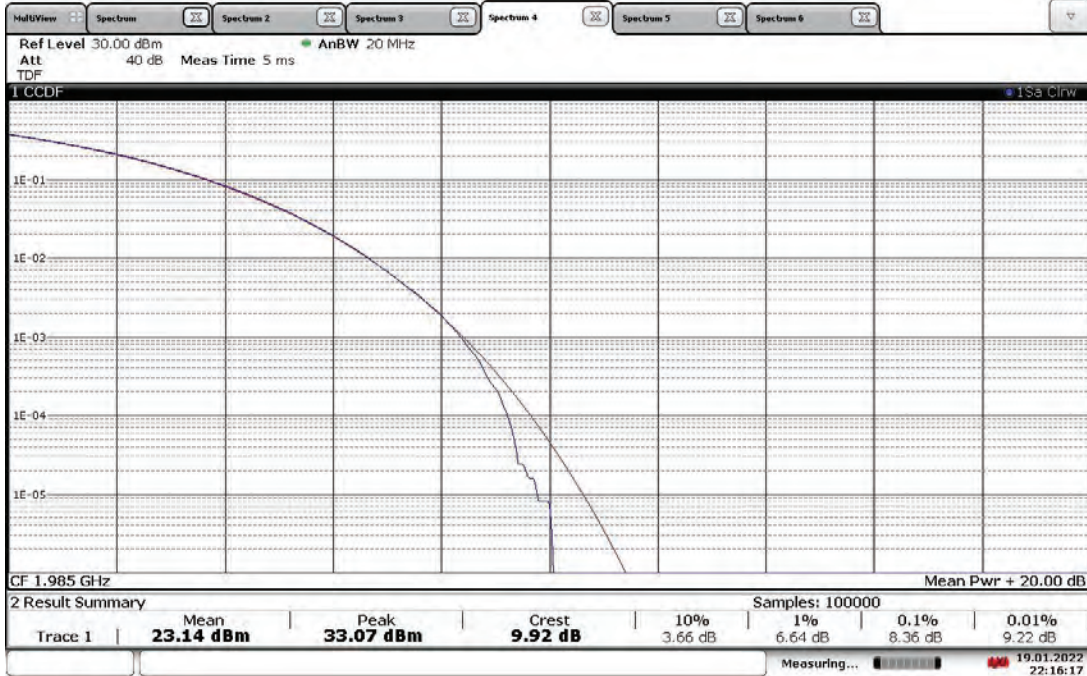


**TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, High Channel 1985 MHz, PAPR = 6.75 dB**



22:18:36 19.01.2022

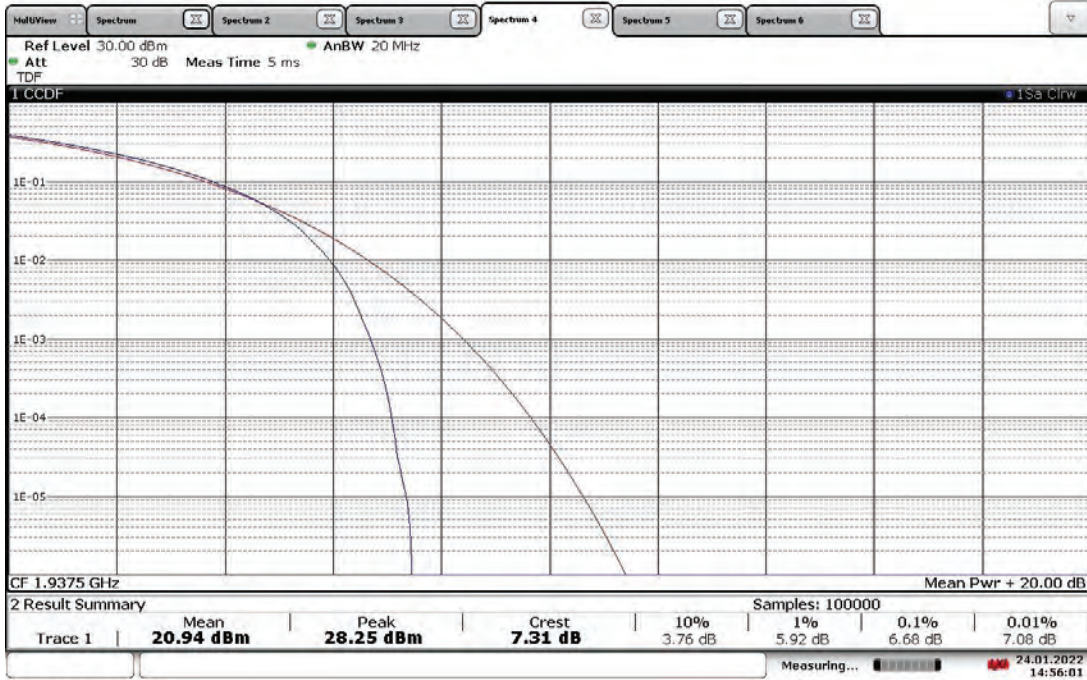
**TM3.1a - 256QAM\_10 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, High Channel 1985 MHz, PAPR = 9.92 dB**



22:16:17 19.01.2022

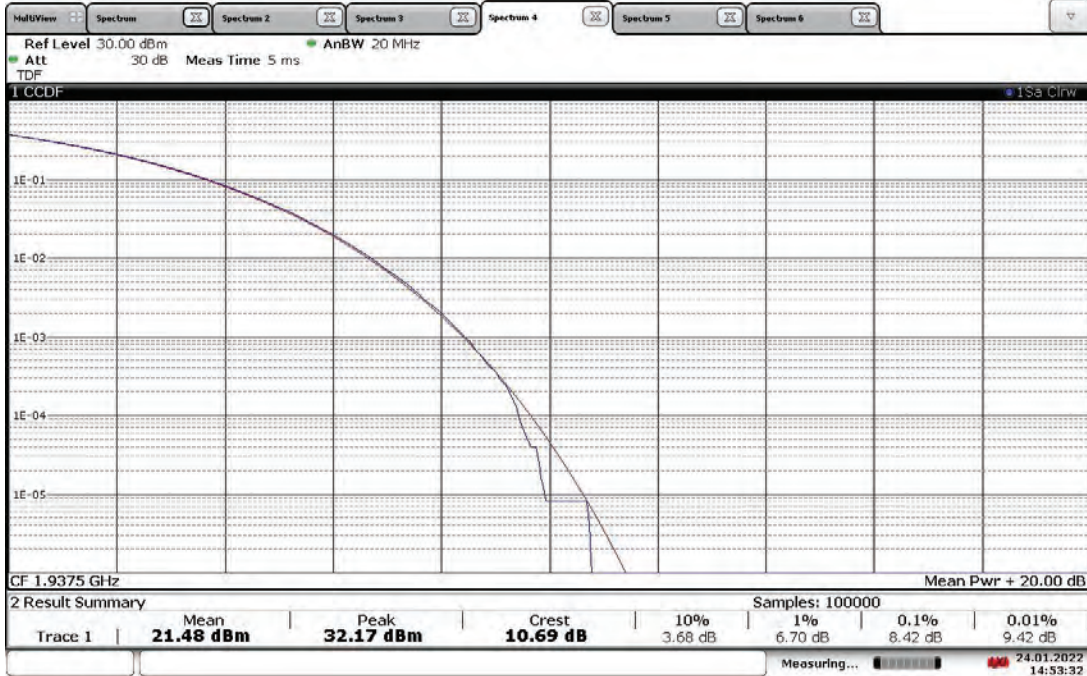


TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT0, Low Channel 1937.5 MHz, PAPR = 7.31 dB



14:56:02 24.01.2022

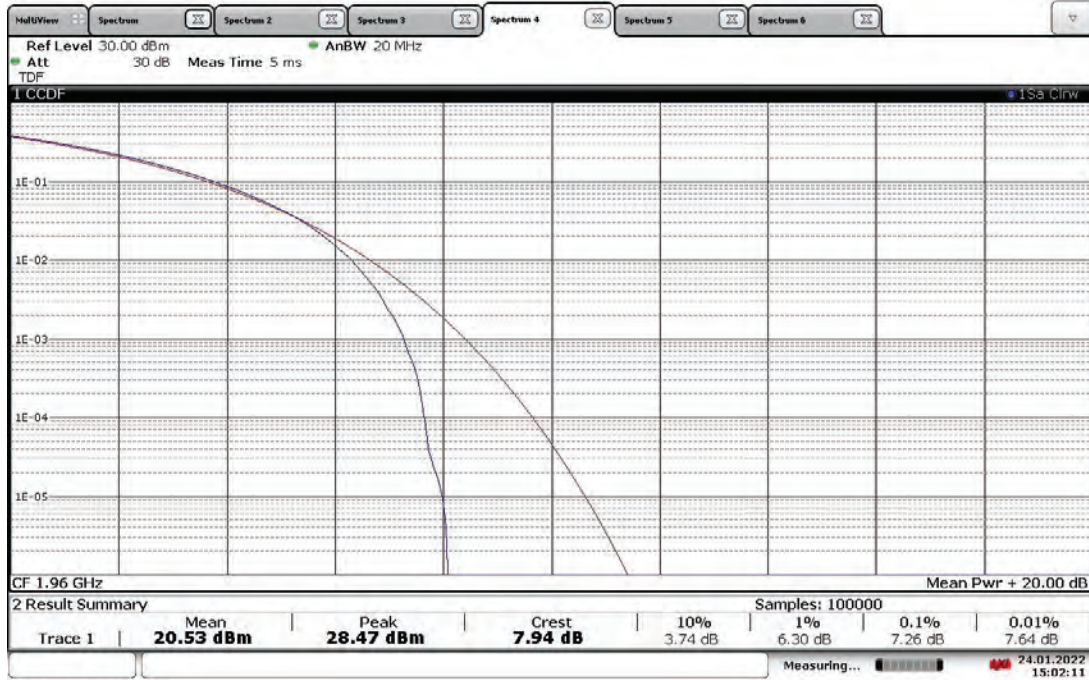
TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT1, Low Channel 1937.5 MHz, PAPR = 10.69 dB



14:53:32 24.01.2022

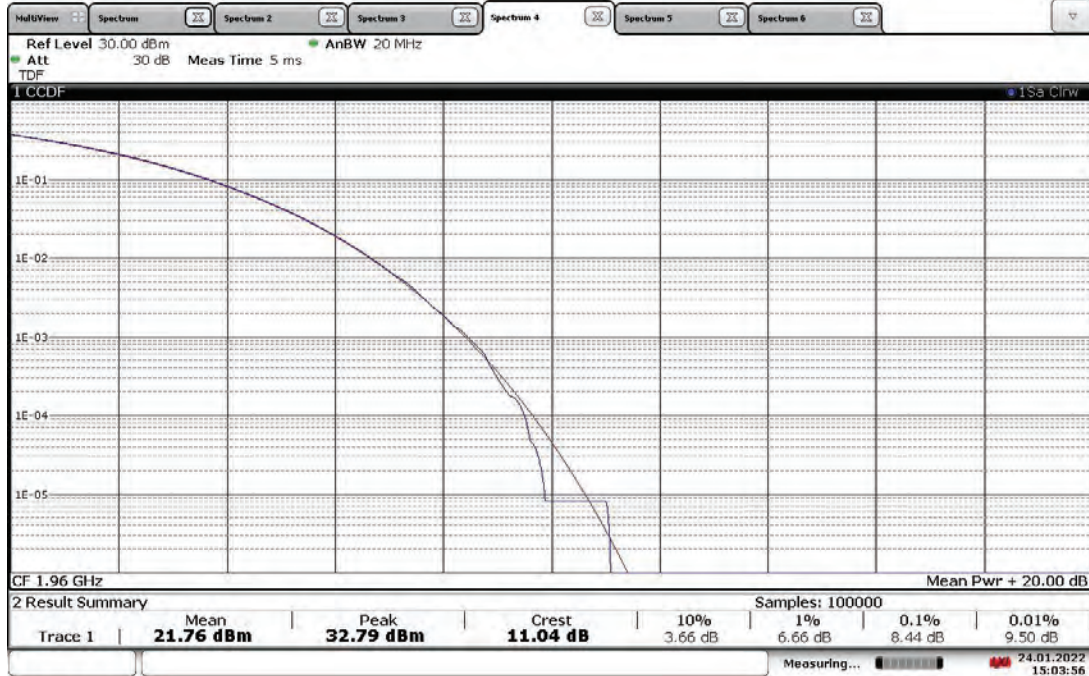


**TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, PAPR = 7.94 dB**



15:02:11 24.01.2022

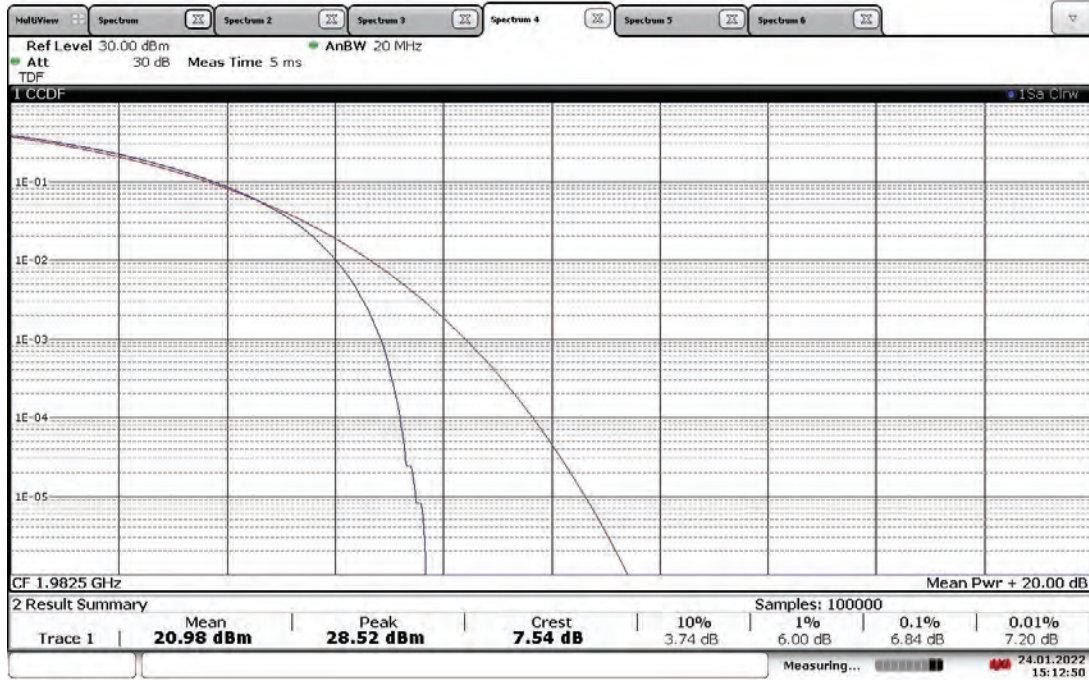
**TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, PAPR = 11.04 dB**



15:03:56 24.01.2022

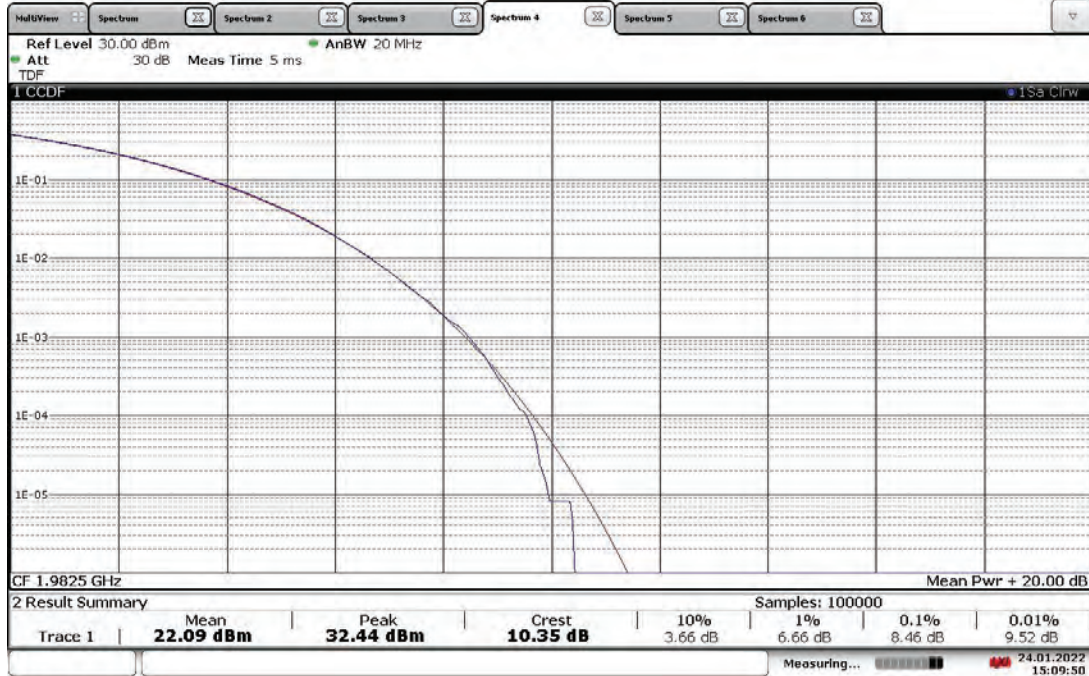


TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT0, High Channel 1982.5 MHz, PAPR = 7.54 dB



15:12:51 24.01.2022

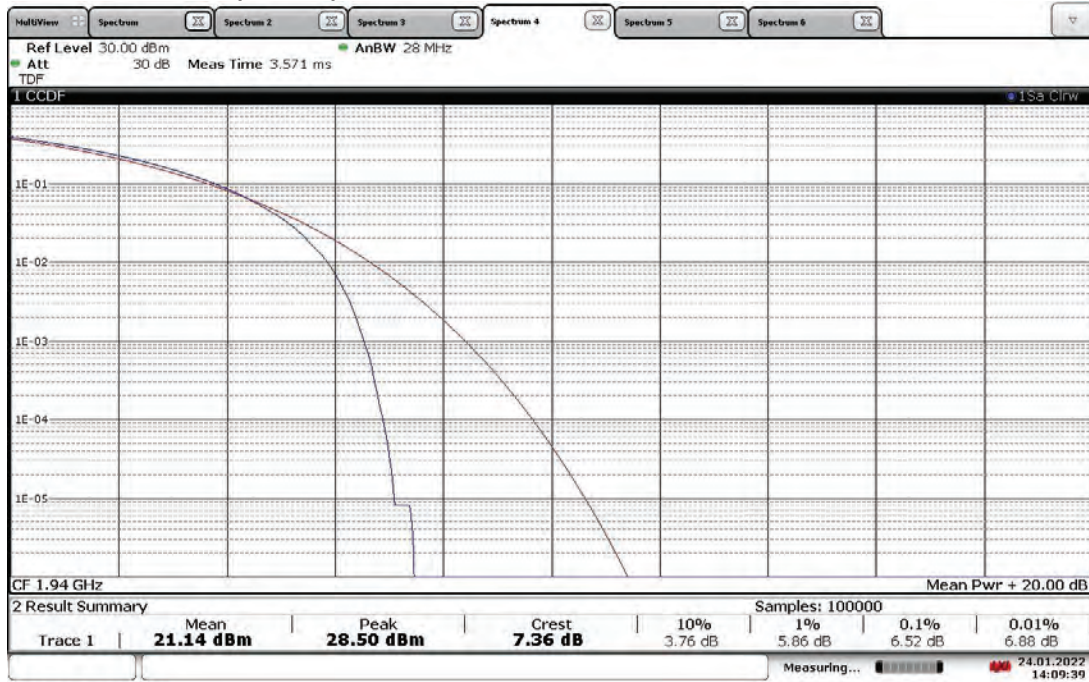
TM3.1a - 256QAM\_15 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT1, High Channel 1982.5 MHz, PAPR = 10.35 dB



15:09:50 24.01.2022

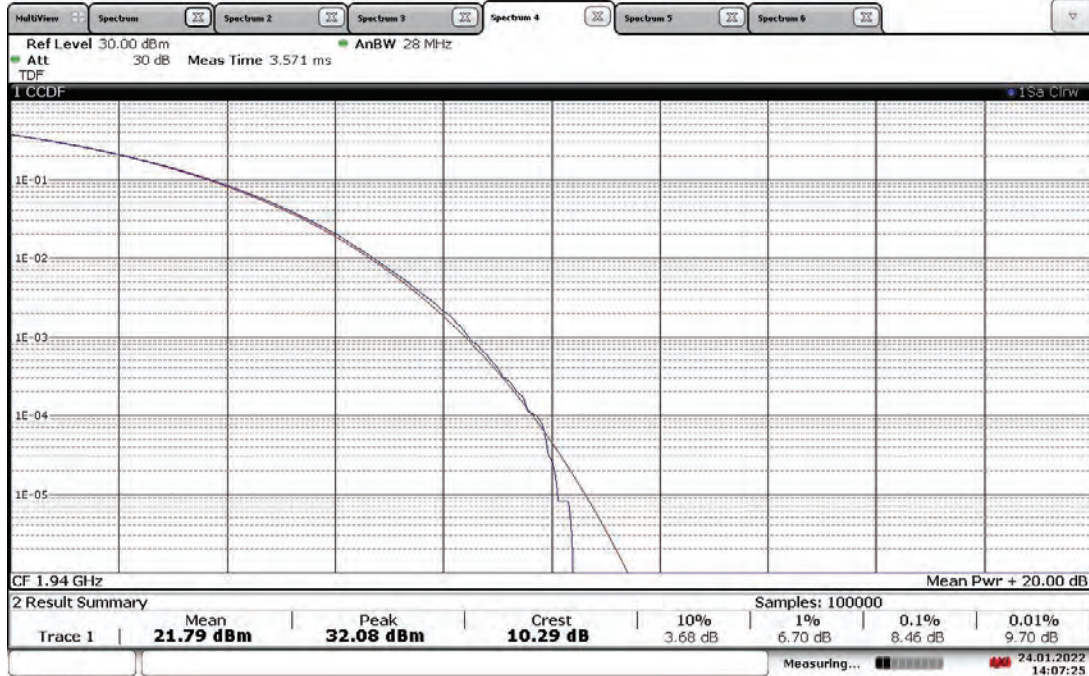


**TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Low Channel 1940 MHz, PAPR = 7.36 dB**



14:09:39 24.01.2022

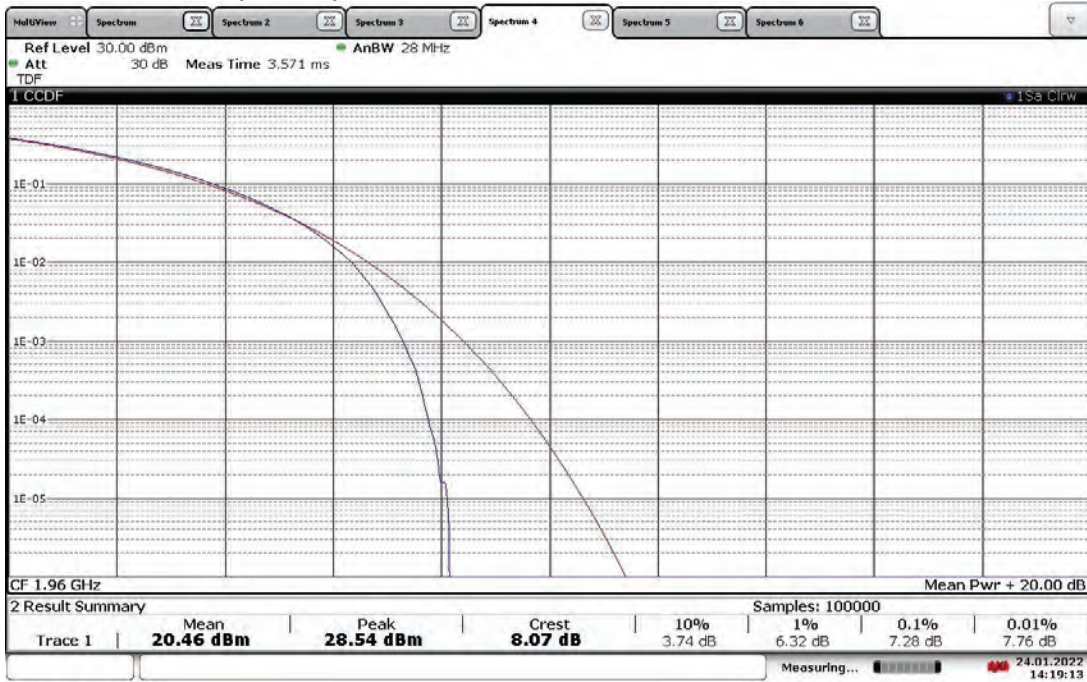
**TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Low Channel 1940 MHz, PAPR = 10.29 dB**



14:07:26 24.01.2022

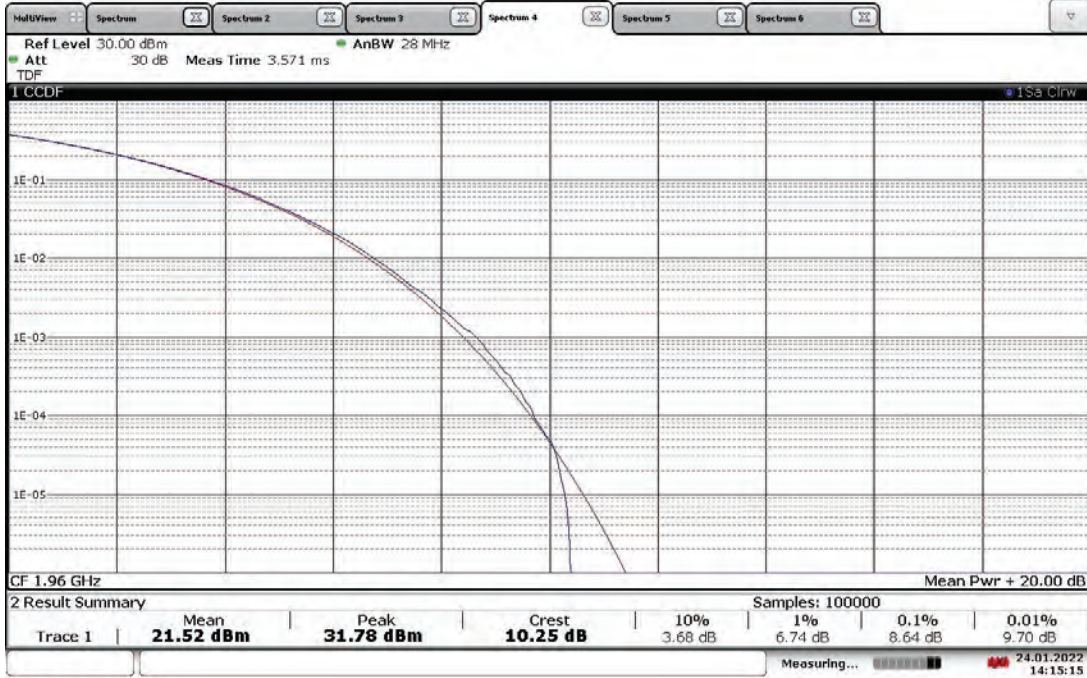


**TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT0, Mid Channel 1960 MHz, PAPR = 8.07 dB**



14:19:13 24.01.2022

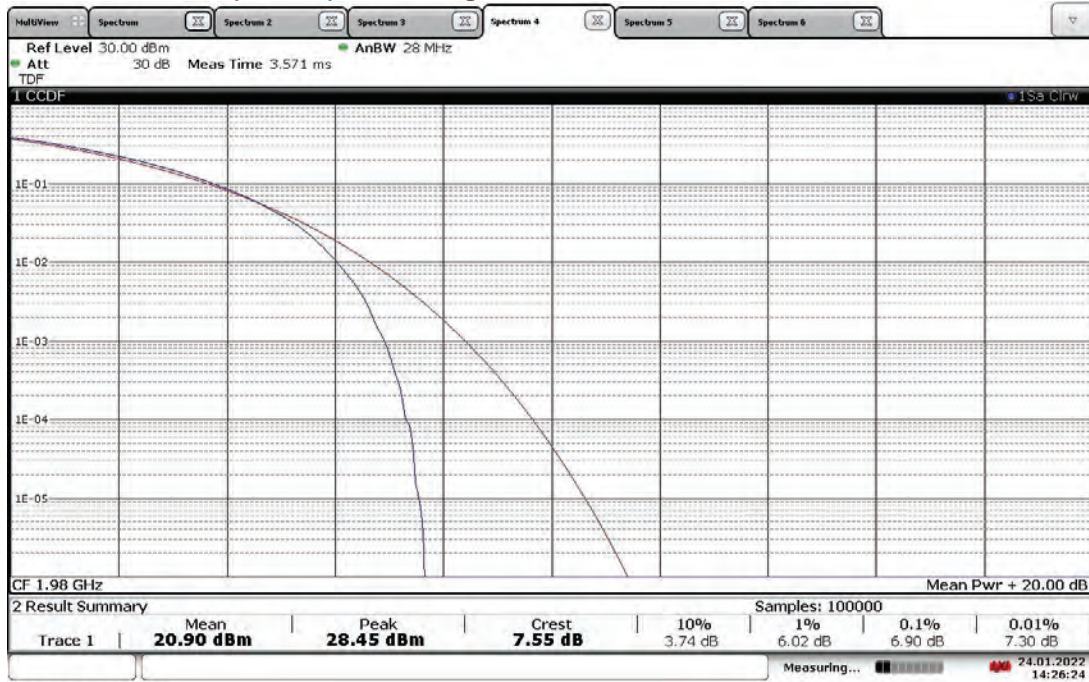
**TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)**  
**Slot 0 (Band 2), ANT1, Mid Channel 1960 MHz, PAPR = 10.28 dB**



14:15:15 24.01.2022

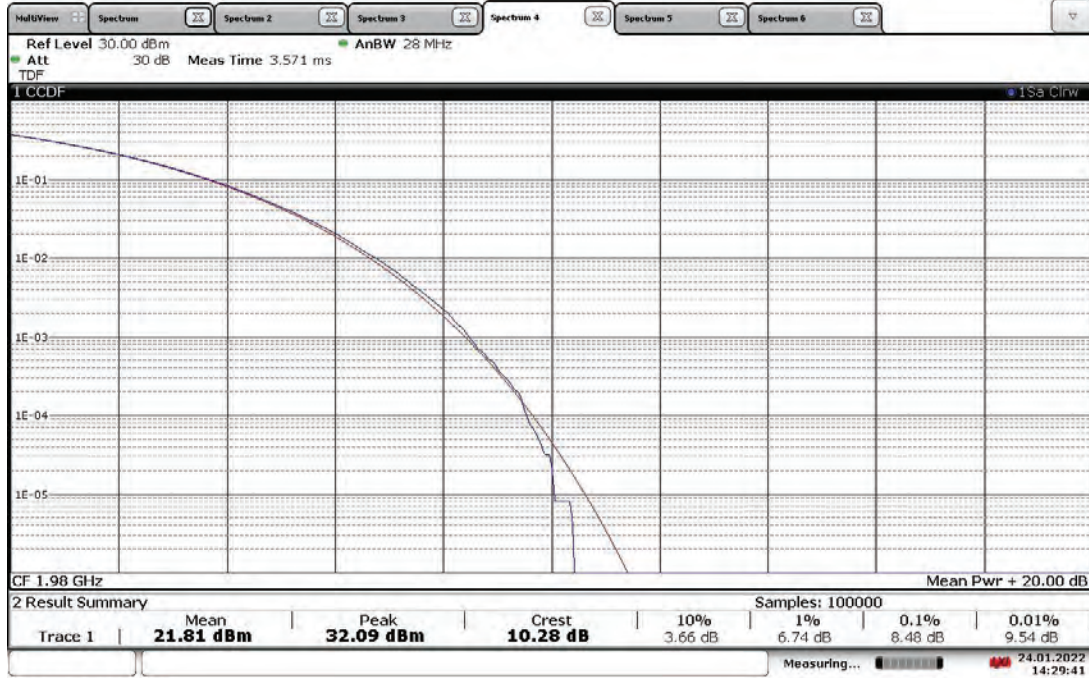


TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT0, High Channel 1980 MHz, PAPR = 7.55 dB



14:26:24 24.01.2022

TM3.1a - 256QAM\_20 MHz Bandwidth (5G nR)  
Slot 0 (Band 2), ANT1, High Channel 1980 MHz, PAPR = 10.28 dB



14:29:41 24.01.2022



# Intertek

Report Number: 104915434BOX-001

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

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

Test Date: 01/19/2022, 01/21/2022, 01/24/2022,  
02/14/2022

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

Limit Applied: See report section 7.3

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

Ambient Temperature: 24, 24, 23, 23 °C

Relative Humidity: 15, 8, 12, 13 %

Atmospheric Pressure: 1003, 1025, 1002, 1005 mbars

Deviations, Additions, or Exclusions: None



## 8 26 dB Bandwidth and Occupied Bandwidth

### 8.1 Method

Tests are performed in accordance with ANSI C63.26 and CFR47 FCC Parts 2.1049 and 24.

**TEST SITE:** EMC Lab

**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.

### 8.2 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	--	--

### 8.3 Results:

The sample tested was found to Comply.

§24.238(b) The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

§2.1049: The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.



# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.509	5.16
		ANT1	4.488	5.00
Mid	1960.00	ANT0	4.509	5.00
		ANT1	4.494	4.97
High	1987.50	ANT0	4.516	5.15
		ANT1	4.491	4.98

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.980	10.11
		ANT1	8.934	10.01
Mid	1960.00	ANT0	8.938	9.81
		ANT1	8.927	9.83
High	1985.00	ANT0	8.986	9.78
		ANT1	8.939	9.73

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.445	14.82
		ANT1	13.461	14.68
Mid	1960.00	ANT0	13.476	14.75
		ANT1	13.432	14.71
High	1982.50	ANT0	13.467	14.82
		ANT1	13.465	14.68

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.824	19.46
		ANT1	17.815	19.36
Mid	1960.00	ANT0	17.855	19.17
		ANT1	17.816	19.36
High	1980.00	ANT0	17.836	19.45
		ANT1	17.879	19.26

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.495	4.98
		ANT1	4.484	4.94
Mid	1960.00	ANT0	4.481	4.94
		ANT1	4.489	4.94
High	1987.50	ANT0	4.481	4.95
		ANT1	4.471	4.94

# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.931	9.66
		ANT1	8.963	9.73
Mid	1960.00	ANT0	8.937	9.74
		ANT1	8.937	9.79
High	1985.00	ANT0	8.934	9.76
		ANT1	8.976	9.76

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.487	14.58
		ANT1	13.430	14.44
Mid	1960.00	ANT0	13.436	14.67
		ANT1	13.437	14.61
High	1982.50	ANT0	13.471	14.59
		ANT1	13.446	14.56

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.903	19.15
		ANT1	17.833	19.30
Mid	1960.00	ANT0	17.875	19.24
		ANT1	17.879	19.42
High	1980.00	ANT0	17.817	19.44
		ANT1	17.849	19.22

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.523	5.03
		ANT1	4.498	4.94
Mid	1960.00	ANT0	4.535	5.03
		ANT1	4.497	5.00
High	1987.50	ANT0	4.523	4.96
		ANT1	4.488	5.03

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.953	9.74
		ANT1	8.987	9.86
Mid	1960.00	ANT0	8.951	9.85
		ANT1	8.956	9.82
High	1985.00	ANT0	8.946	9.75
		ANT1	8.976	9.76



# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.447	14.63
		ANT1	13.414	14.62
Mid	1960.00	ANT0	13.471	14.63
		ANT1	13.425	14.75
High	1982.50	ANT0	13.491	14.65
		ANT1	13.409	14.66

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.874	19.40
		ANT1	17.864	19.30
Mid	1960.00	ANT0	17.878	19.38
		ANT1	17.894	19.40
High	1980.00	ANT0	17.890	19.38
		ANT1	17.891	19.29

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.508	4.97
		ANT1	4.514	4.96
Mid	1960.00	ANT0	4.505	5.01
		ANT1	4.525	5.00
High	1987.50	ANT0	4.518	4.96
		ANT1	4.512	4.98

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.945	9.83
		ANT1	8.924	9.68
Mid	1960.00	ANT0	8.955	9.80
		ANT1	8.937	9.76
High	1985.00	ANT0	8.954	9.80
		ANT1	8.944	9.70

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.500	ANT0	13.455	14.71
		ANT1	13.428	14.50
Mid	1960.00	ANT0	13.443	14.72
		ANT1	13.429	14.59
High	1982.50	ANT0	13.479	15.21
		ANT1	13.423	14.71

# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940	ANT0	17.848	19.43
		ANT1	17.851	19.86
Mid	1960	ANT0	17.876	19.46
		ANT1	17.850	19.36
High	1980	ANT0	17.886	19.43
		ANT1	17.872	19.55

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.516	5.00
		ANT1	4.502	4.97
Mid	1960.00	ANT0	4.515	5.22
		ANT1	4.497	4.94
High	1987.50	ANT0	4.509	5.06
		ANT1	4.489	5.00

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.958	9.99
		ANT1	8.946	10.03
Mid	1960.00	ANT0	8.959	10.03
		ANT1	8.945	9.96
High	1985.00	ANT0	8.943	9.98
		ANT1	8.984	10.10

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.485	15.51
		ANT1	13.448	15.15
Mid	1960.00	ANT0	13.445	15.08
		ANT1	13.442	15.11
High	1982.50	ANT0	13.479	14.45
		ANT1	13.484	15.16

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.810	19.73
		ANT1	17.861	19.80
Mid	1960.00	ANT0	17.845	19.76
		ANT1	17.878	19.68
High	1980.00	ANT0	17.828	19.81
		ANT1	17.874	19.66



# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.511	4.97
		ANT1	4.468	4.92
Mid	1960.00	ANT0	4.487	4.96
		ANT1	4.506	4.95
High	1987.50	ANT0	4.501	4.91
		ANT1	4.492	4.95

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.953	9.96
		ANT1	8.956	9.96
Mid	1960.00	ANT0	8.960	9.95
		ANT1	8.962	9.85
High	1985.00	ANT0	8.989	9.95
		ANT1	8.984	9.89

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.457	14.88
		ANT1	13.406	14.87
Mid	1960.00	ANT0	13.433	14.81
		ANT1	13.390	14.71
High	1982.50	ANT0	13.444	14.93
		ANT1	13.401	15.09

(5G nR)

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.848	19.67
		ANT1	17.809	19.52
Mid	1960.00	ANT0	17.809	19.79
		ANT1	17.934	19.64
High	1980.00	ANT0	17.912	19.74
		ANT1	17.904	19.72

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.547	4.98
		ANT1	4.535	5.01
Mid	1960.00	ANT0	4.525	4.95
		ANT1	4.452	4.97
High	1987.50	ANT0	4.512	5.00
		ANT1	4.493	5.01

# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.994	9.98
		ANT1	8.953	10.00
Mid	1960.00	ANT0	8.957	10.00
		ANT1	8.945	9.93
High	1985.00	ANT0	8.991	10.03
		ANT1	8.973	10.02

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	13.464	14.89
		ANT1	13.403	15.54
Mid	1960.00	ANT0	13.446	15.11
		ANT1	13.449	15.04
High	1982.50	ANT0	13.487	15.12
		ANT1	13.403	15.02

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	17.851	19.56
		ANT1	17.875	19.63
Mid	1960.00	ANT0	17.832	19.50
		ANT1	17.858	19.56
High	1980.00	ANT0	17.881	19.70
		ANT1	17.914	19.71

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1932.50	ANT0	4.524	4.95
		ANT1	4.510	4.96
Mid	1960.00	ANT0	4.516	4.98
		ANT1	4.508	4.98
High	1987.50	ANT0	4.512	4.99
		ANT1	4.502	4.98

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1935.00	ANT0	8.950	9.98
		ANT1	8.964	9.93
Mid	1960.00	ANT0	8.962	9.96
		ANT1	8.970	9.97
High	1985.00	ANT0	8.959	9.93
		ANT1	8.954	9.86



# Intertek

Report Number: 104915434BOX-001

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

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.500	ANT0	13.448	14.98
		ANT1	13.426	15.19
Mid	1960.00	ANT0	13.412	14.91
		ANT1	13.465	14.89
High	1982.50	ANT0	13.440	15.16
		ANT1	13.420	15.04

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

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940	ANT0	17.830	19.53
		ANT1	17.784	19.75
Mid	1960	ANT0	17.883	19.81
		ANT1	17.859	19.68
High	1980	ANT0	17.910	19.84
		ANT1	17.858	19.79

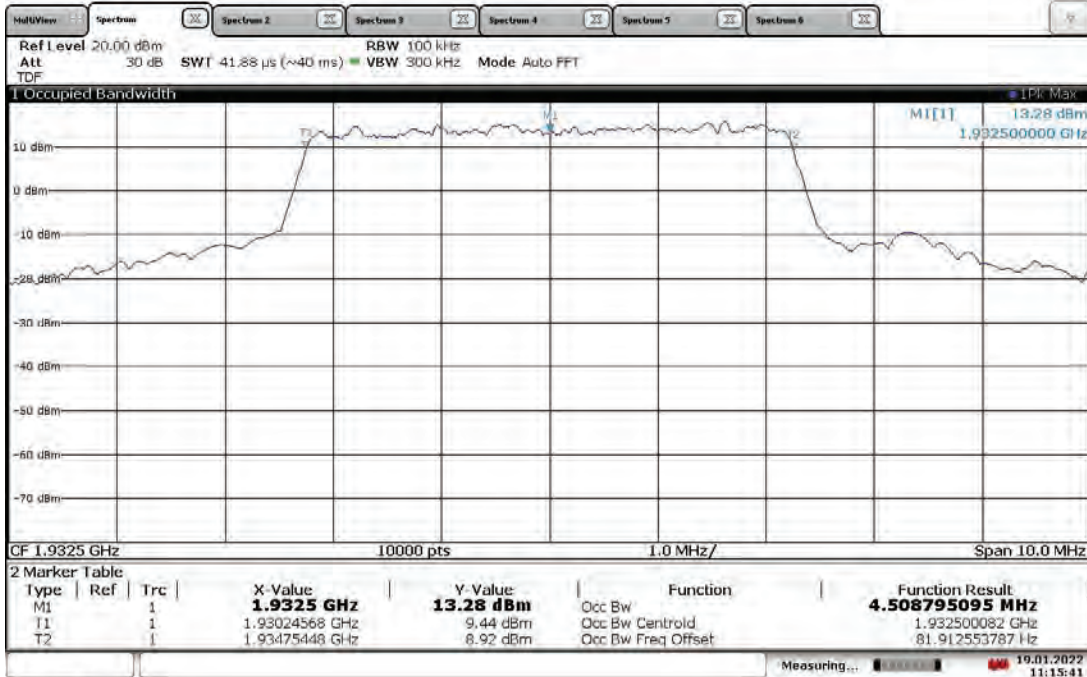
**8.4 Setup Photograph:**

Confidential – Photos not included in this report



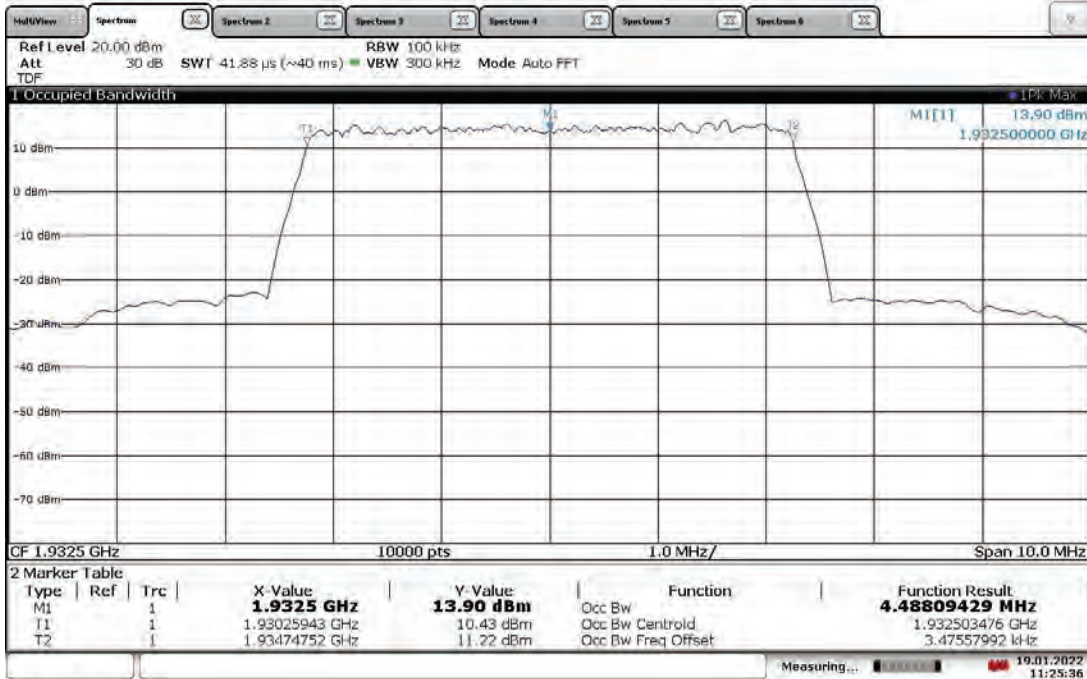
8.5 Plots/Data:

TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth



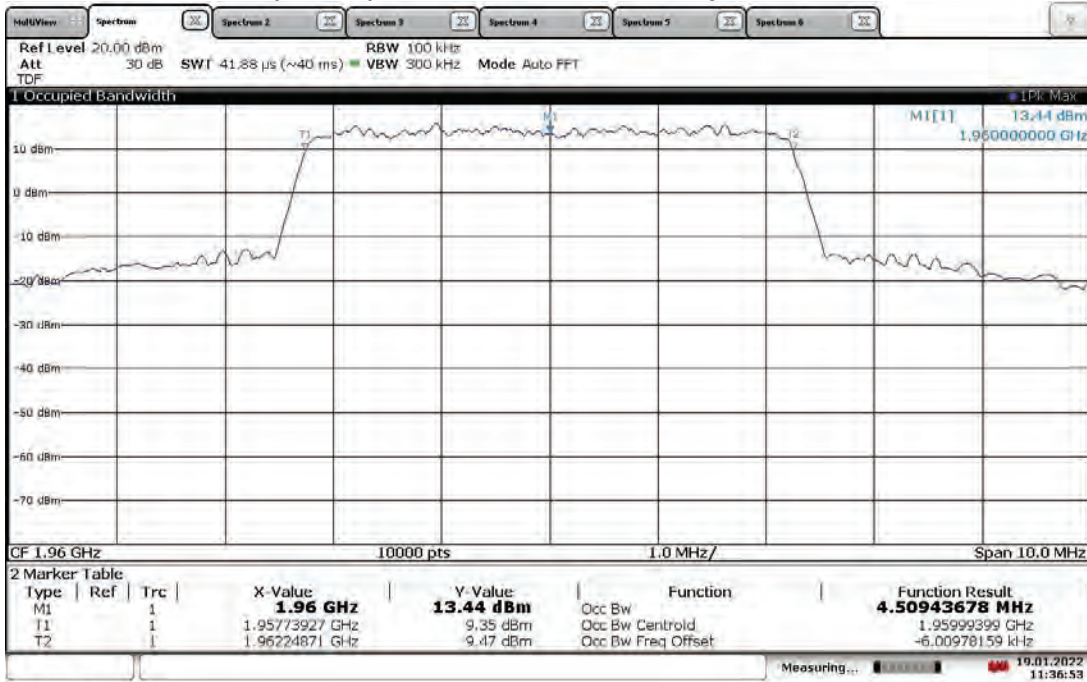
11:15:42 19.01.2022

TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth



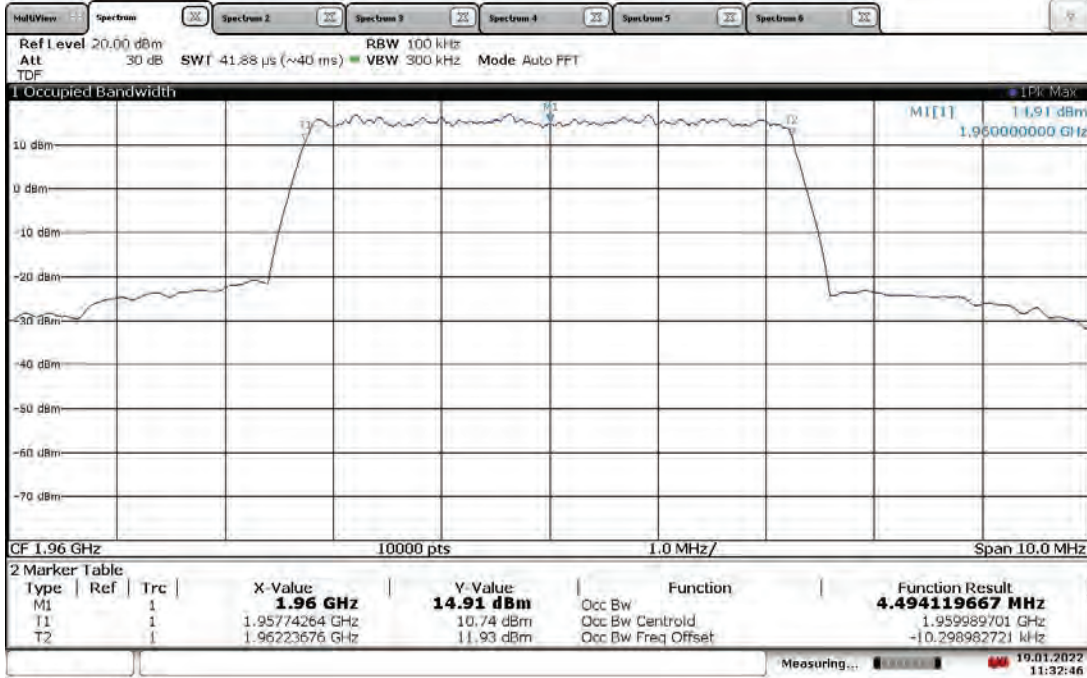
11:25:37 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



11:36:54 19.01.2022

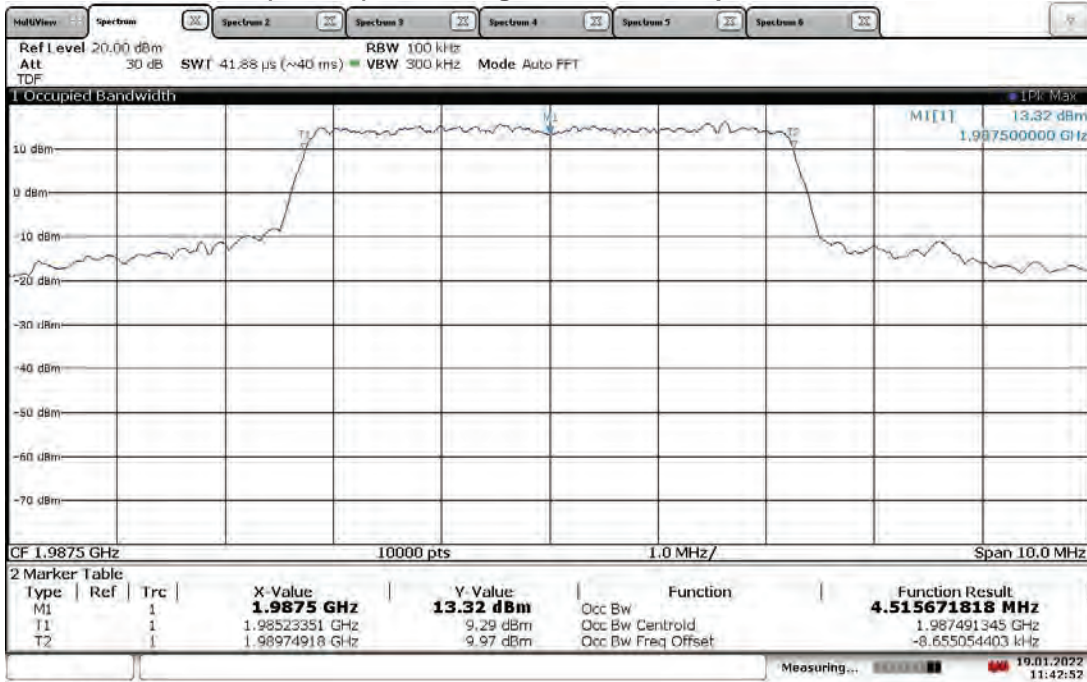
**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



11:32:47 19.01.2022

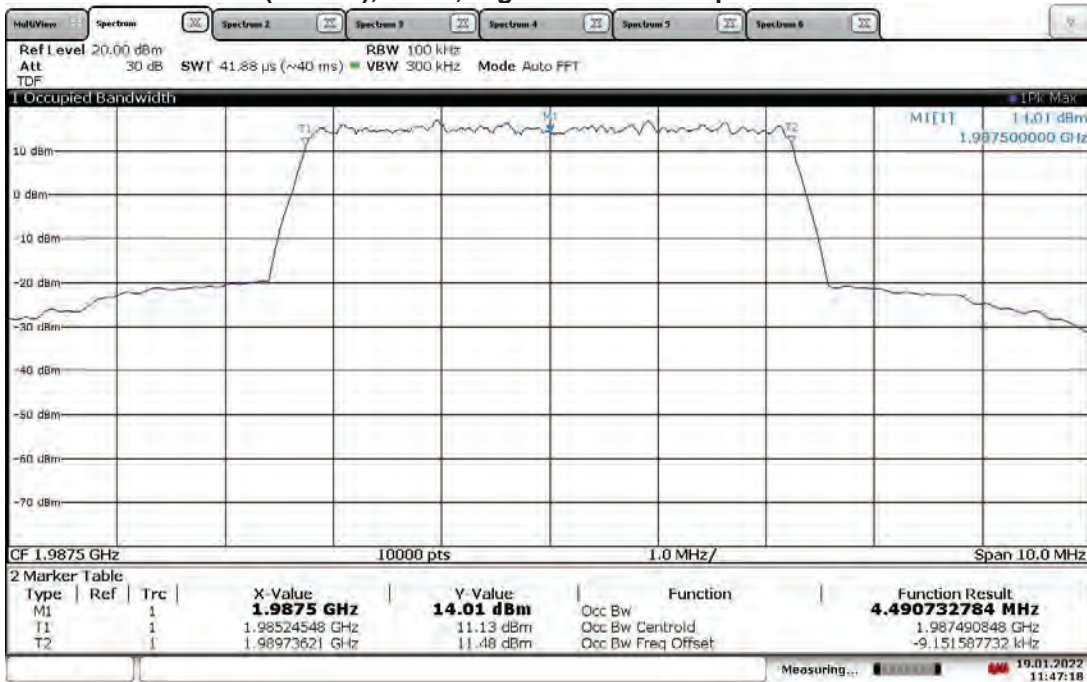


**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



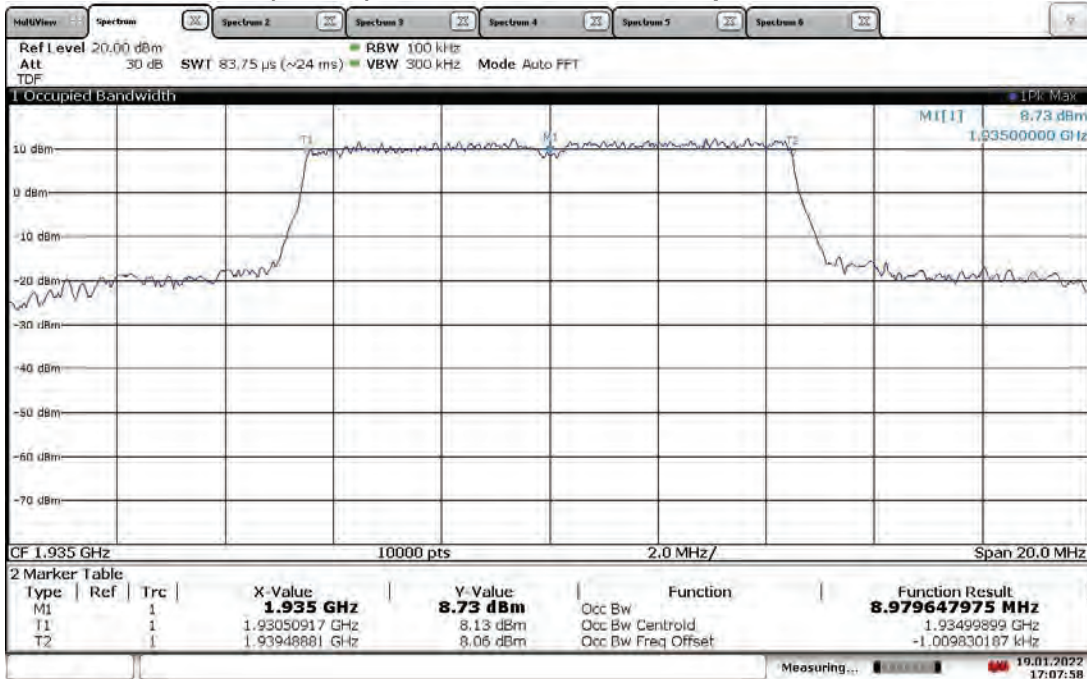
11:42:52 19.01.2022

**TM1.1-QPSK\_5 MHz Bandwidth (4G LTE)**  
**Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



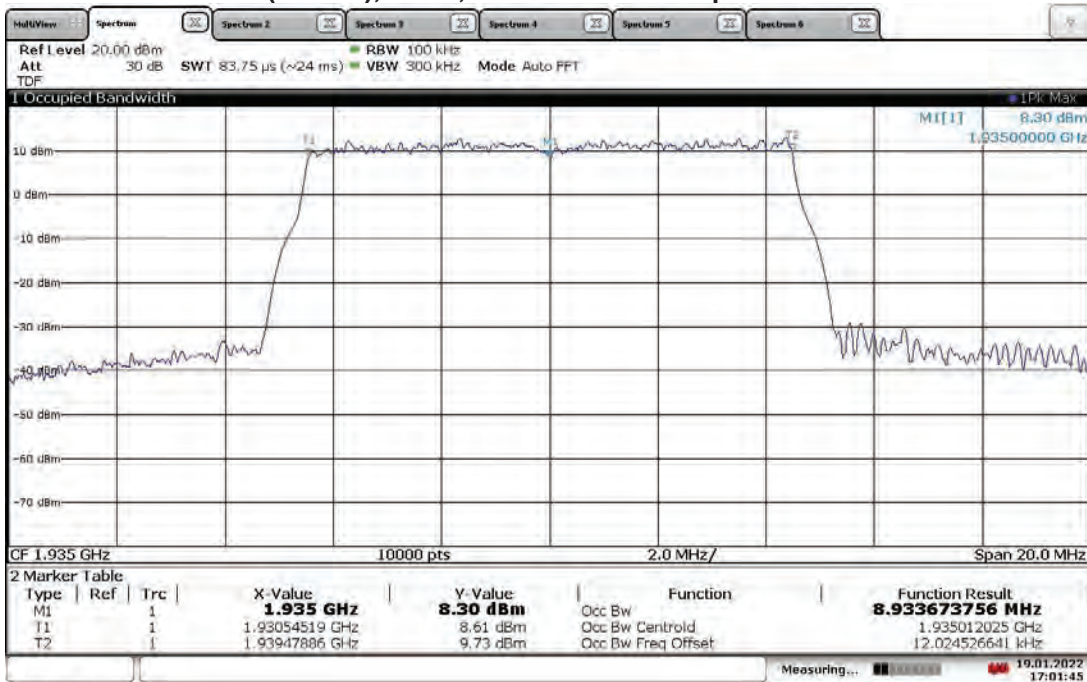
11:47:19 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth**



17:07:58 19.01.2022

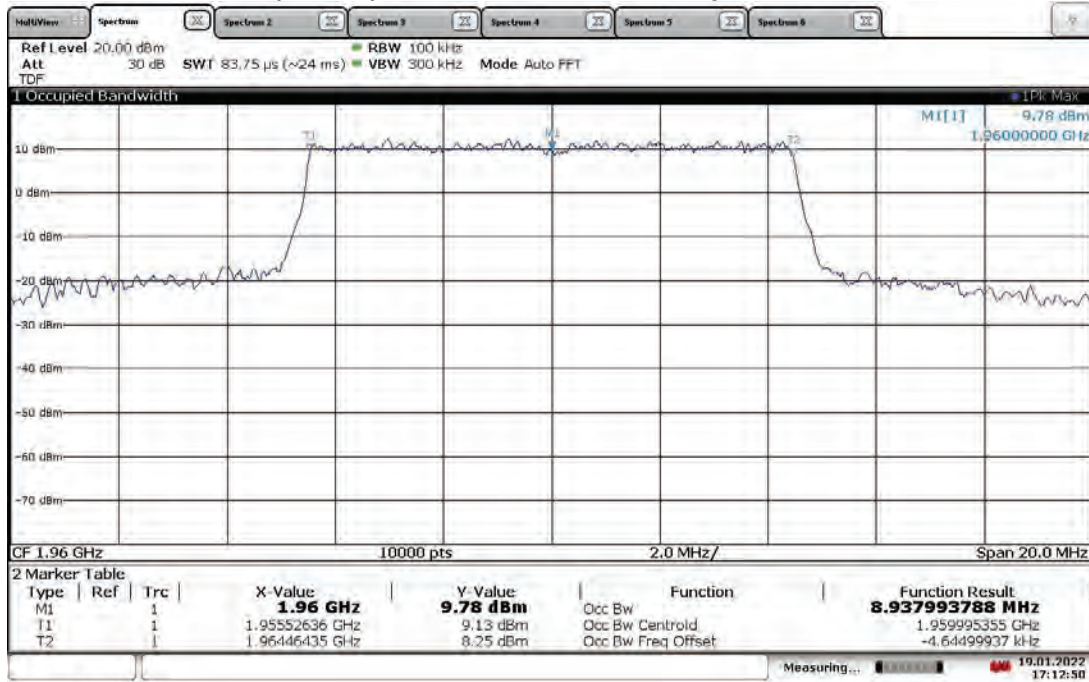
**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth**



17:01:45 19.01.2022

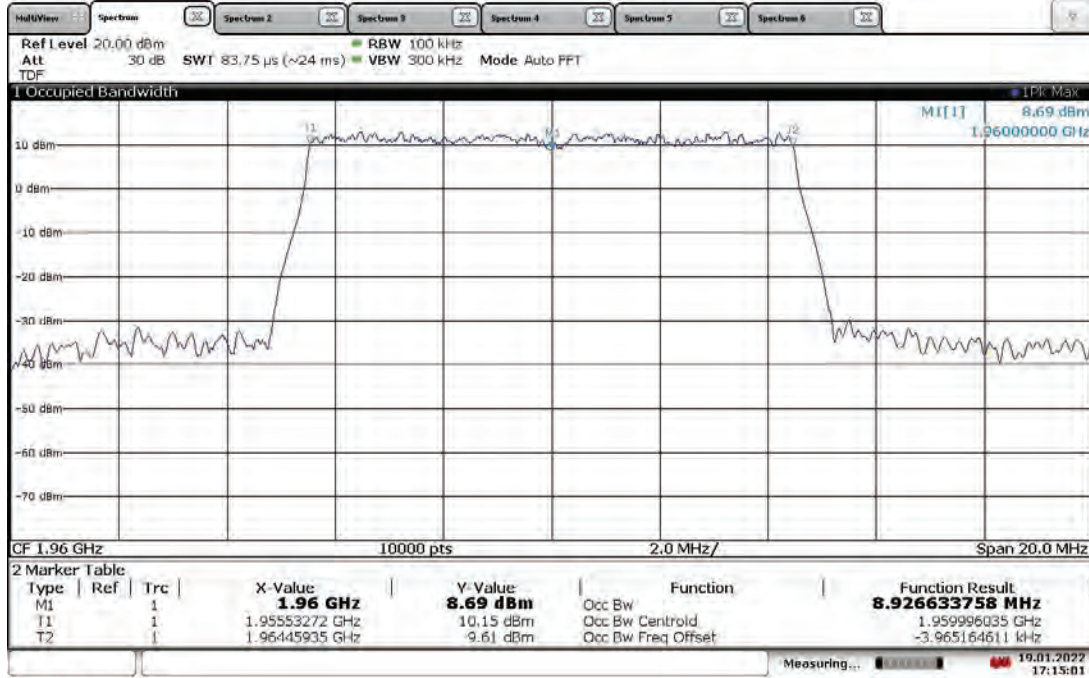


**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



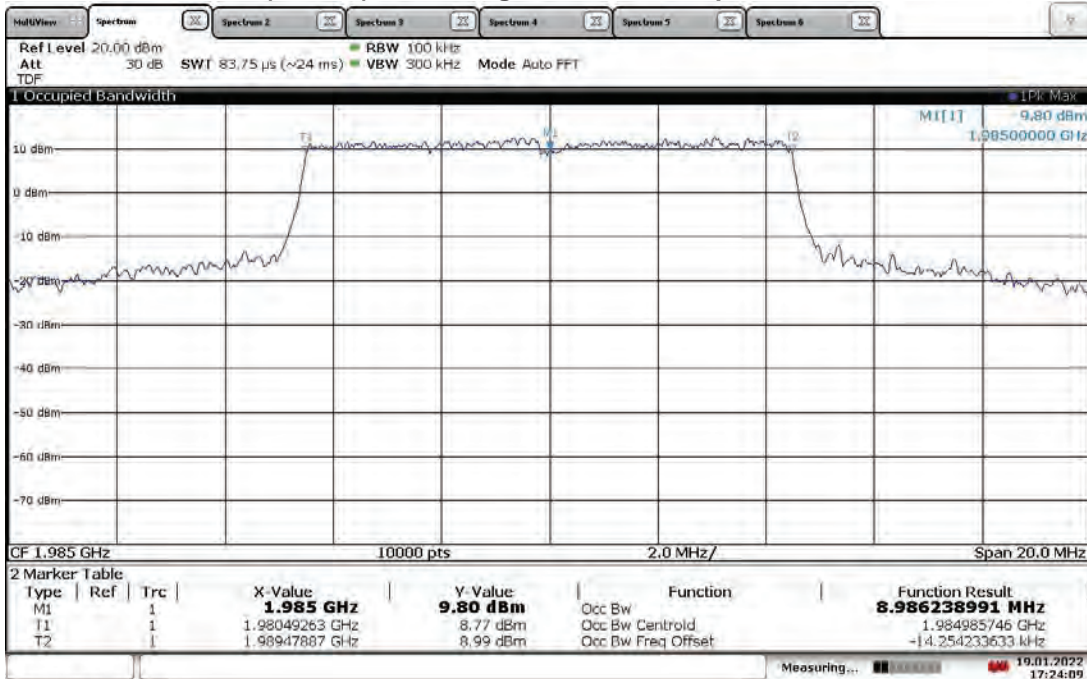
17:12:50 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



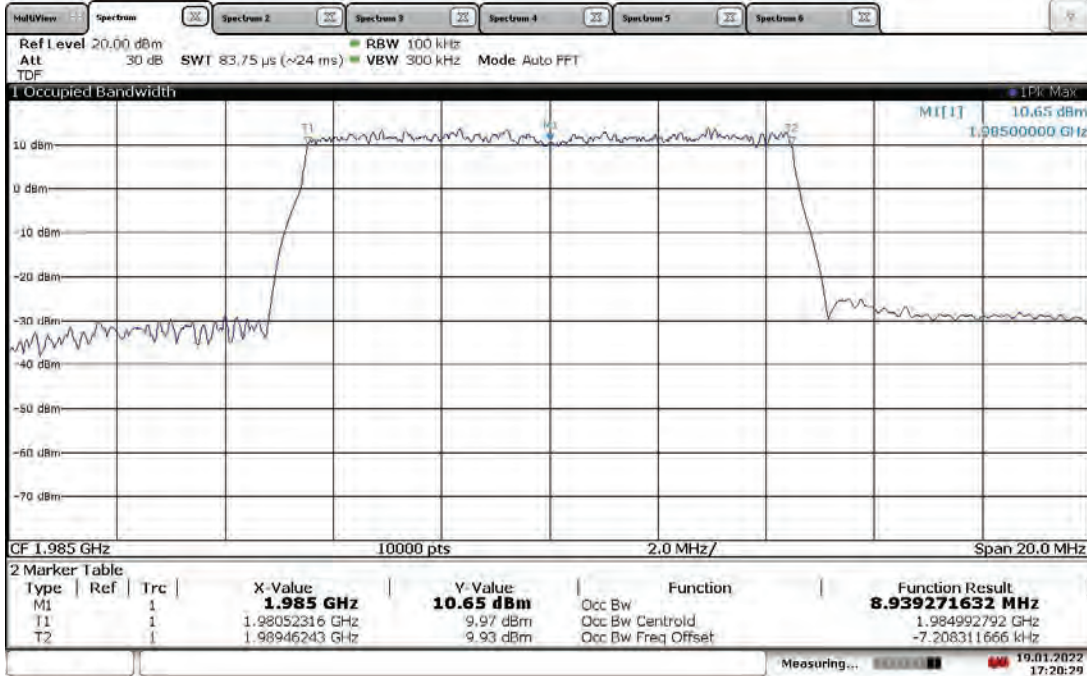
17:15:01 19.01.2022

**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



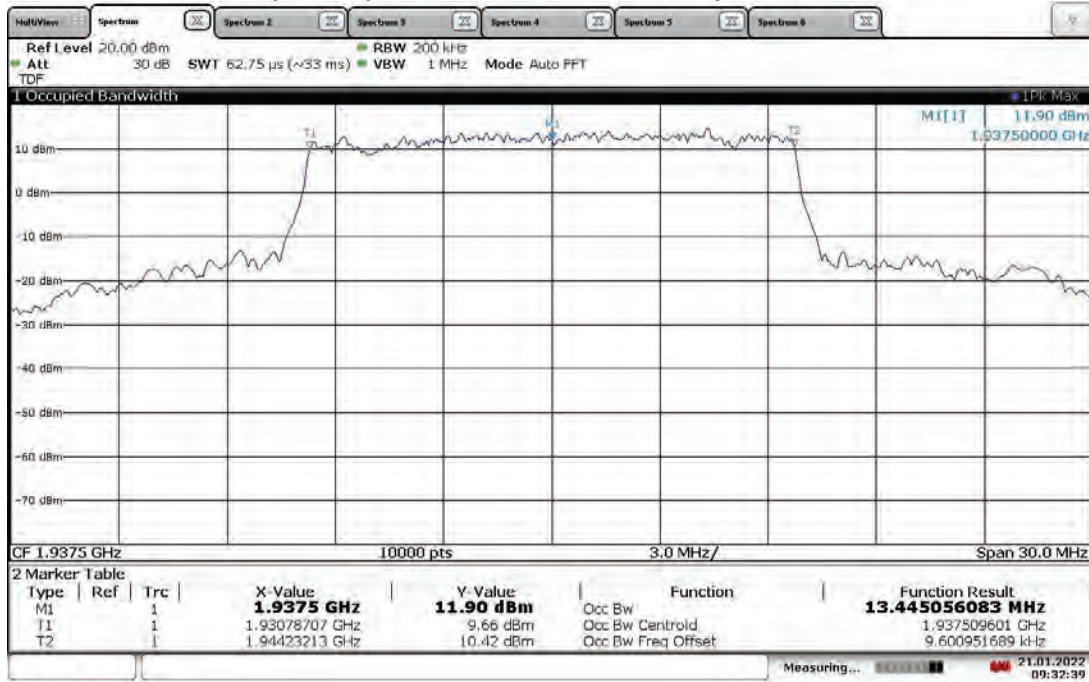
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**TM1.1-QPSK\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



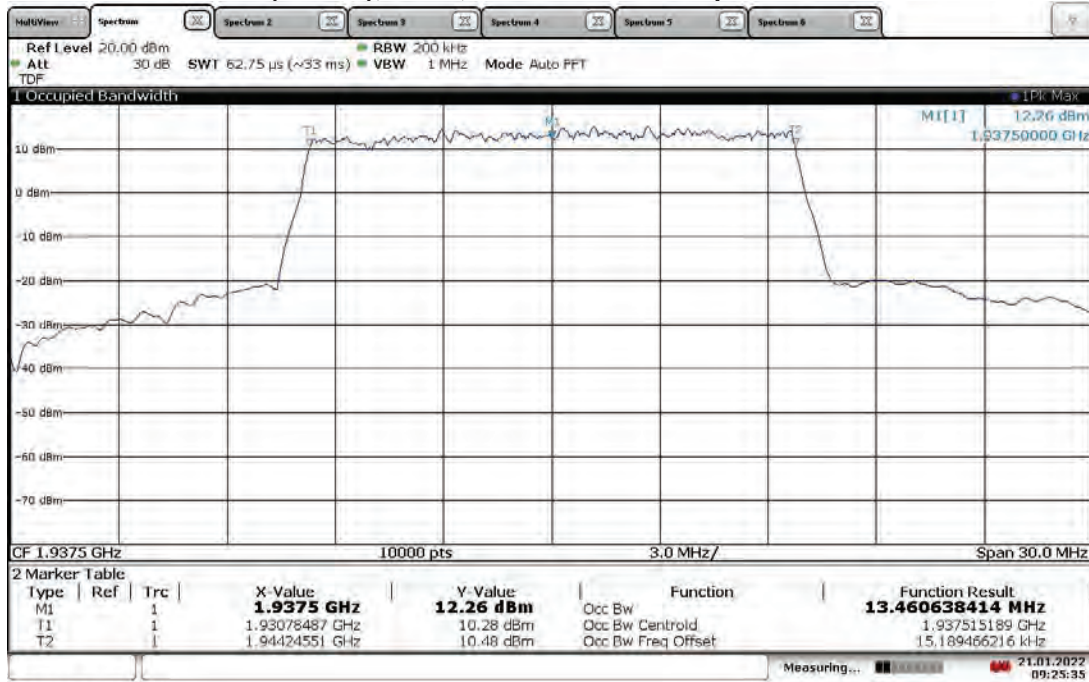
17:20:30 19.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth**



09:32:39 21.01.2022

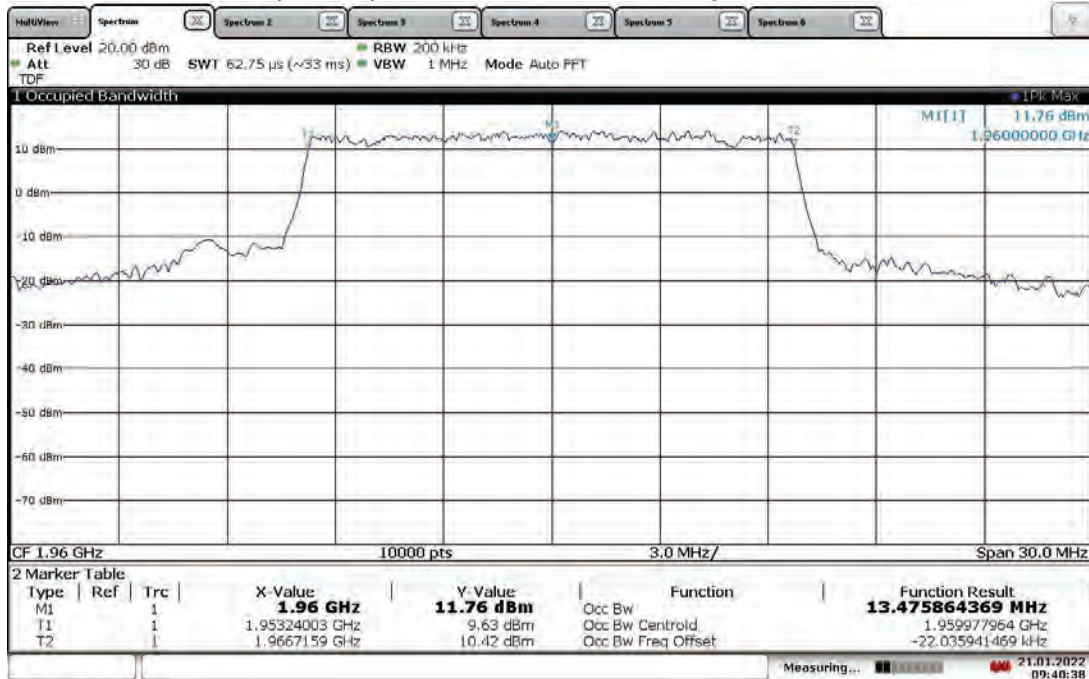
**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth**



09:25:35 21.01.2022

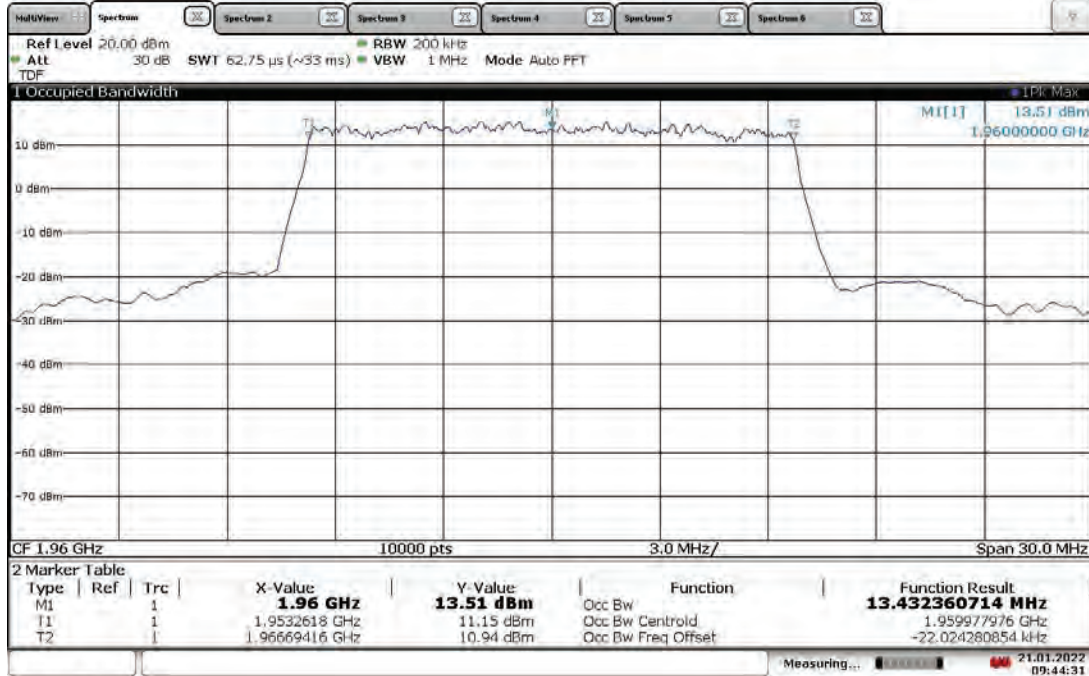


**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



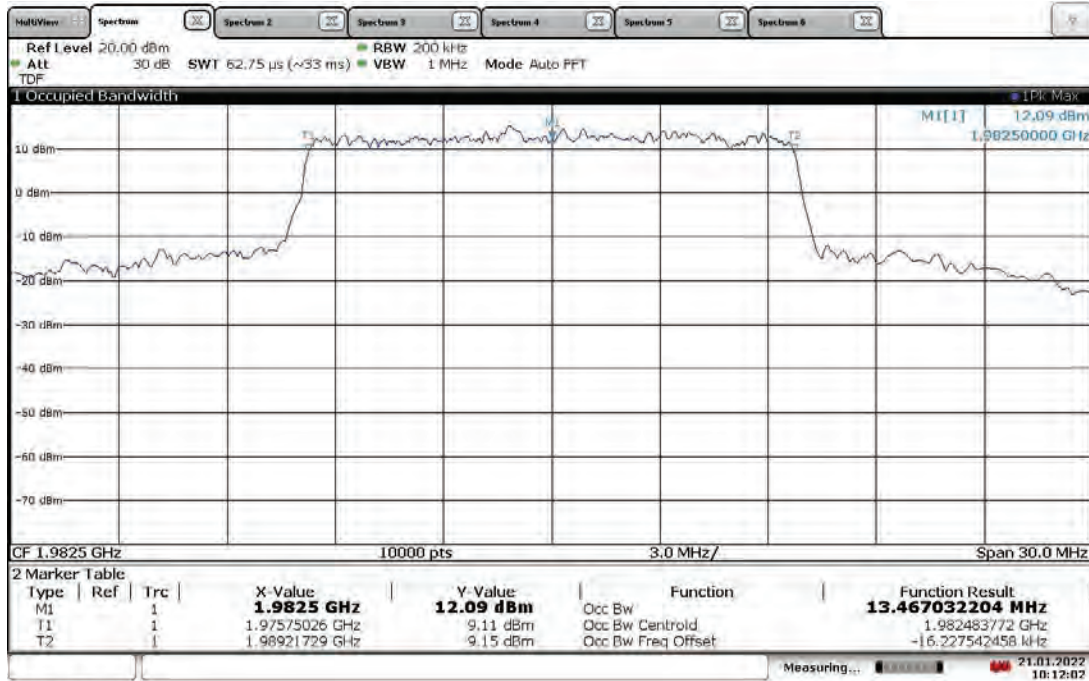
09:40:38 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



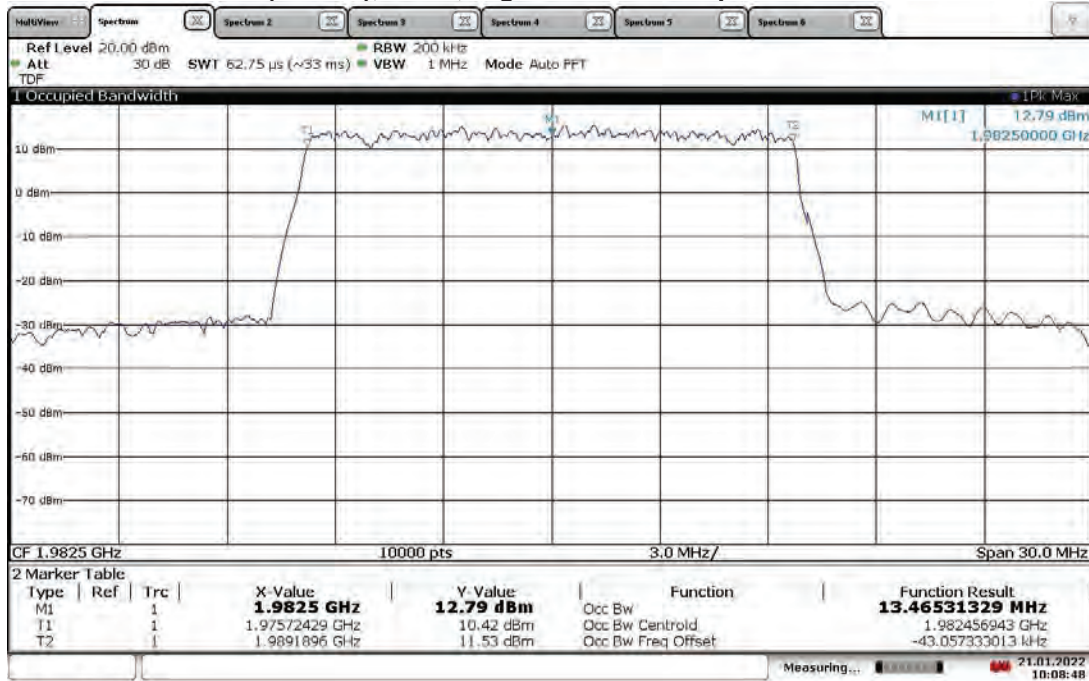
09:44:32 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



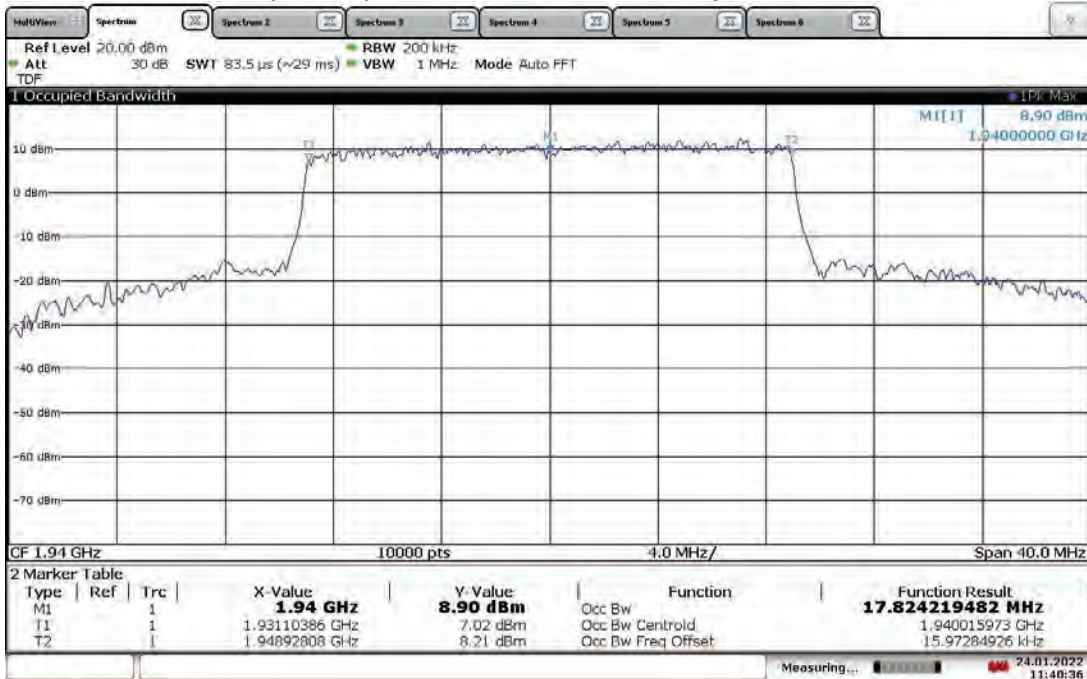
10:12:02 21.01.2022

**TM1.1-QPSK\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



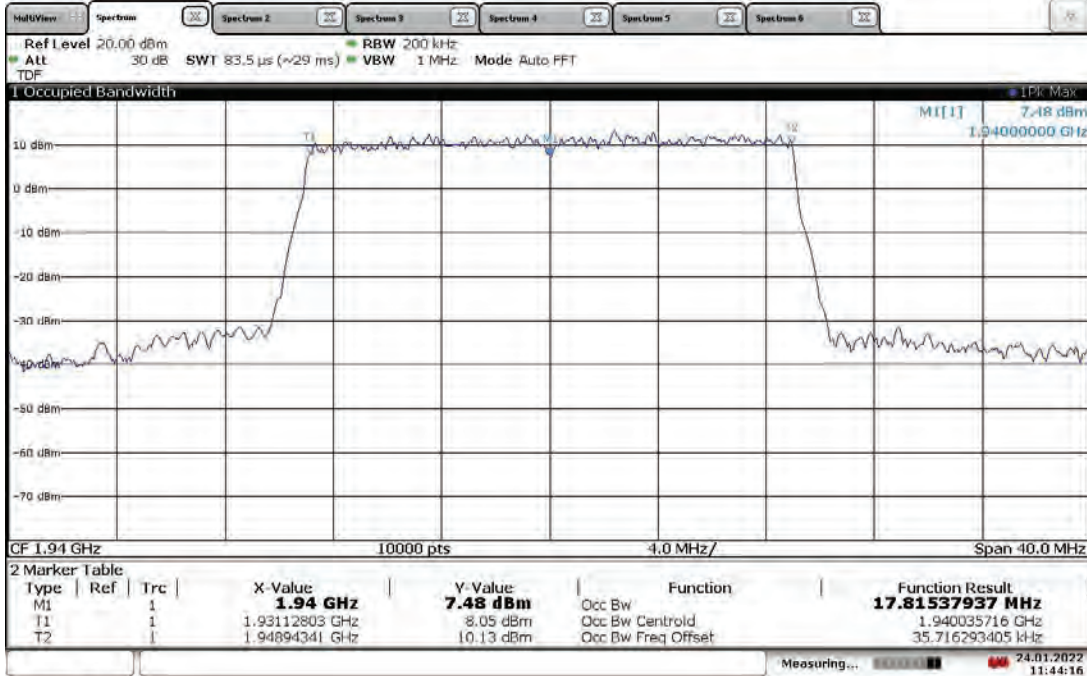
10:08:48 21.01.2022

TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth



11:40:36 24.01.2022

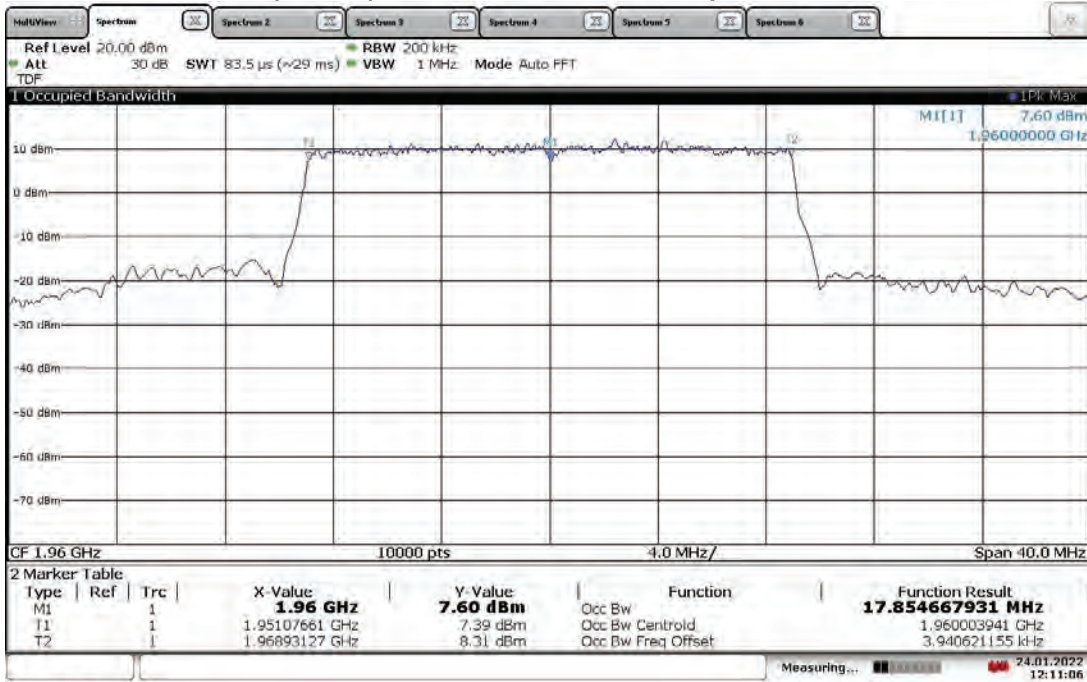
TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth



11:44:17 24.01.2022

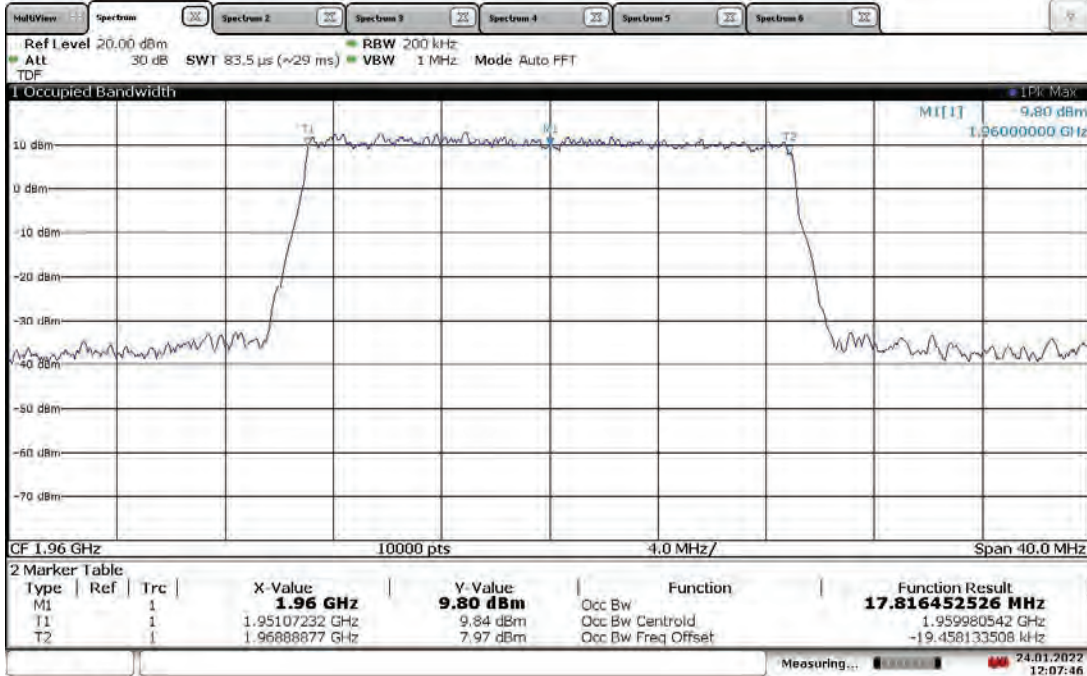


**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



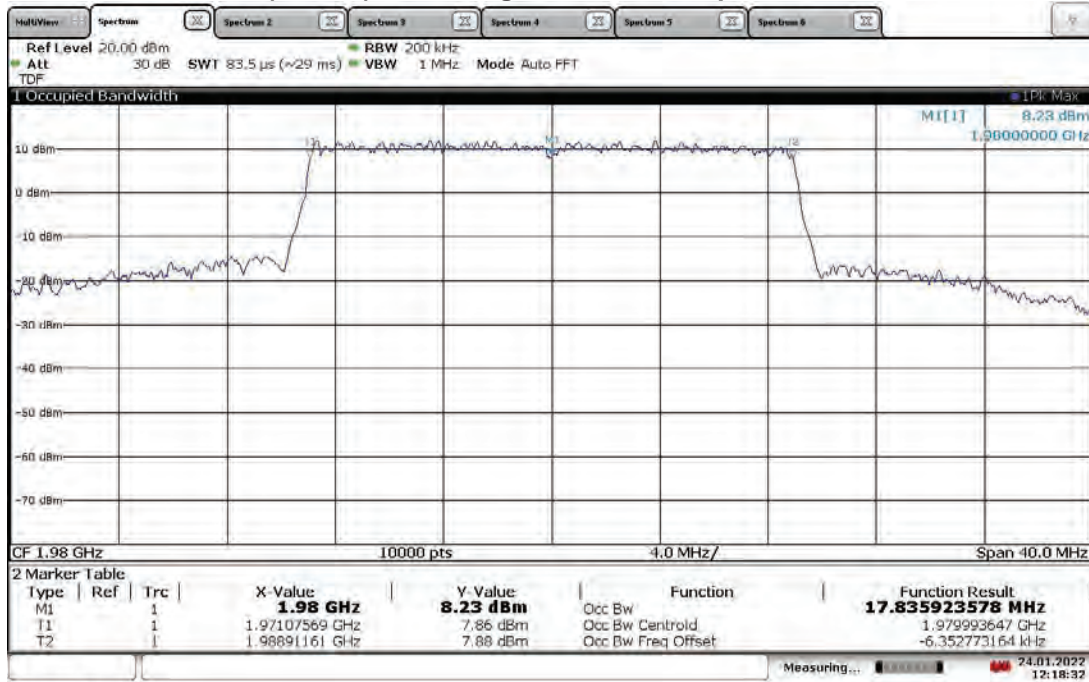
12:11:06 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



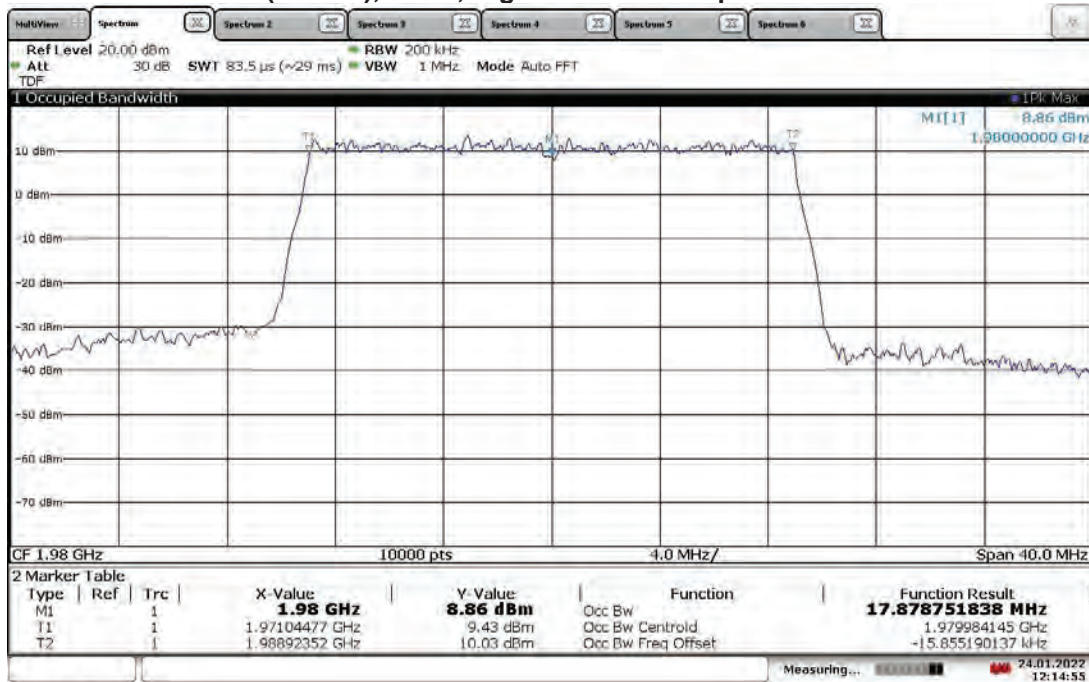
12:07:47 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



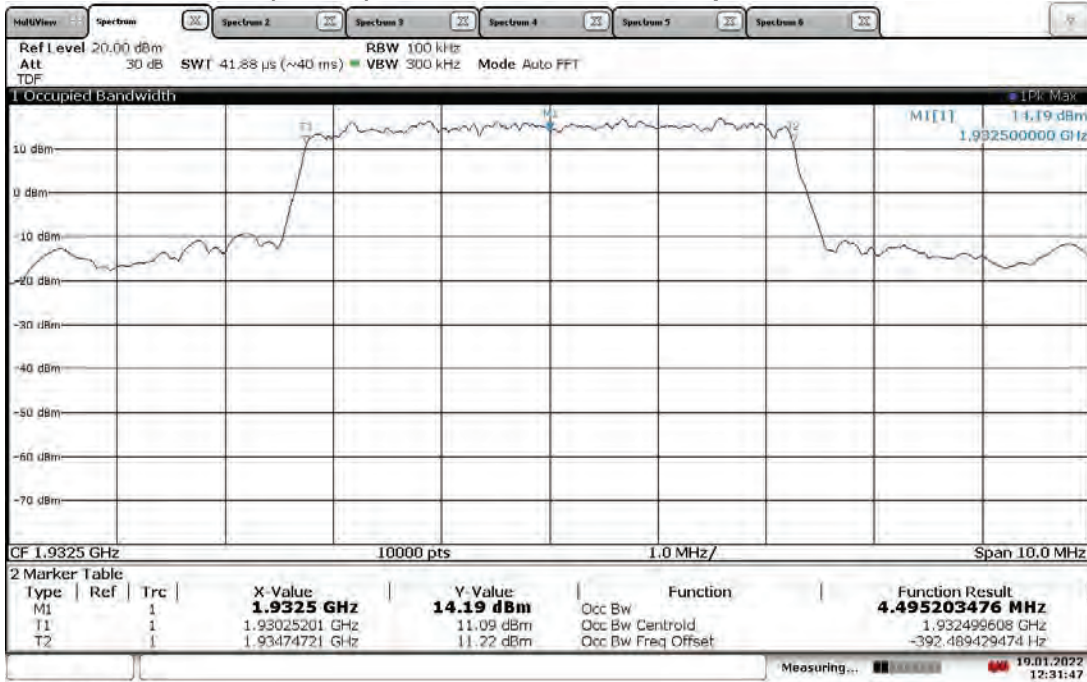
12:18:33 24.01.2022

**TM1.1-QPSK\_20 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



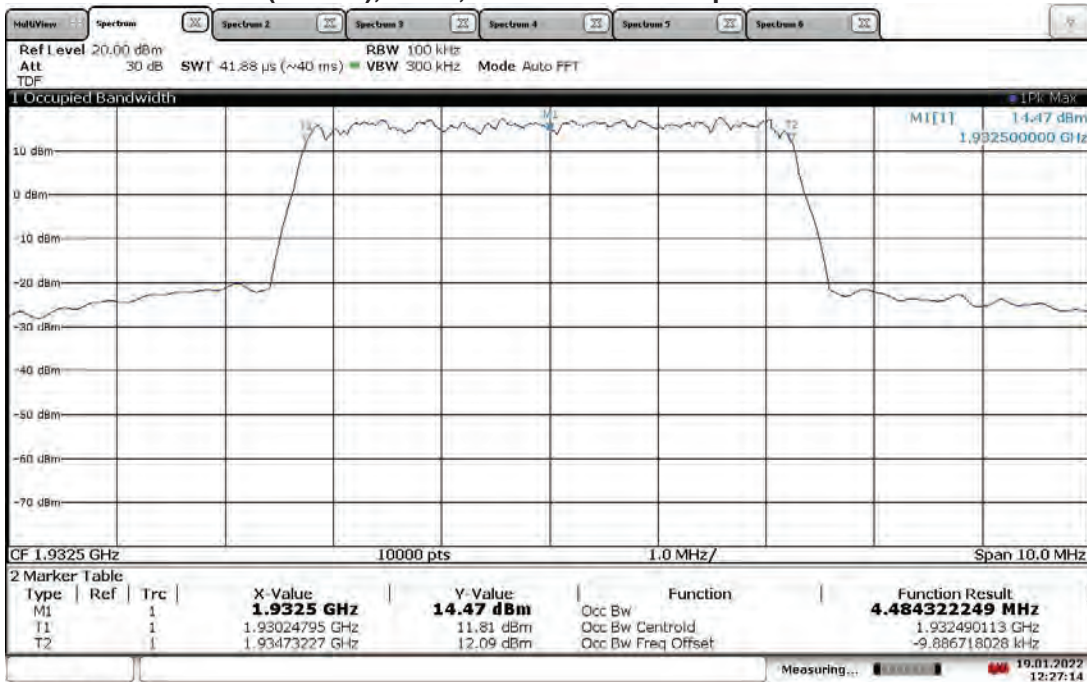
12:14:55 24.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth**



12:31:47 19.01.2022

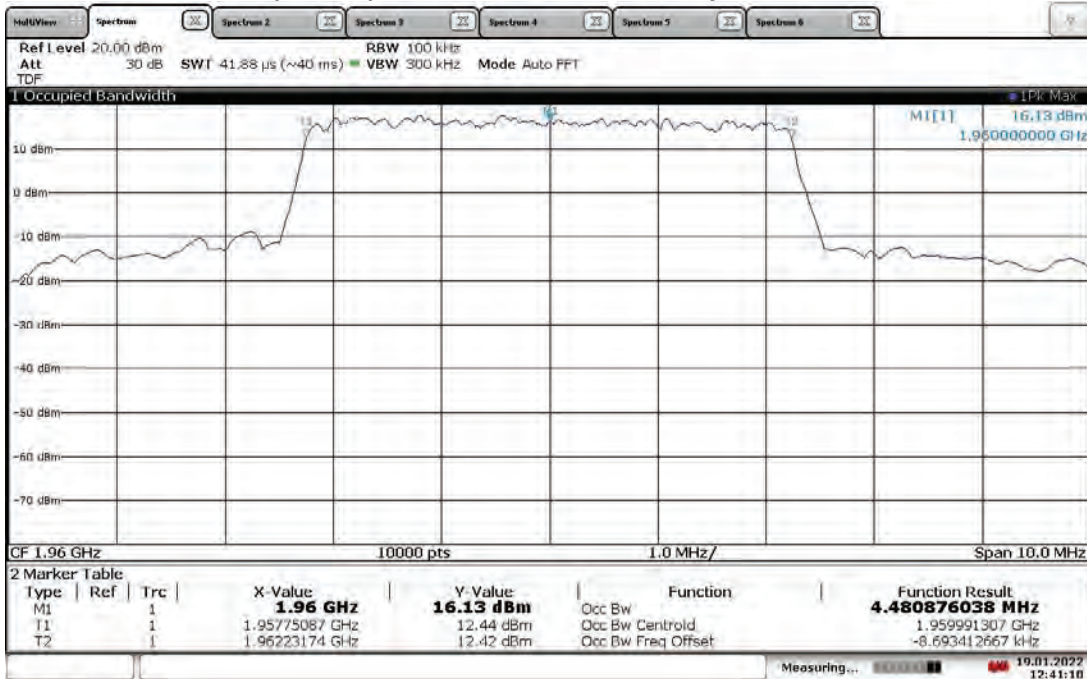
**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth**



12:27:15 19.01.2022

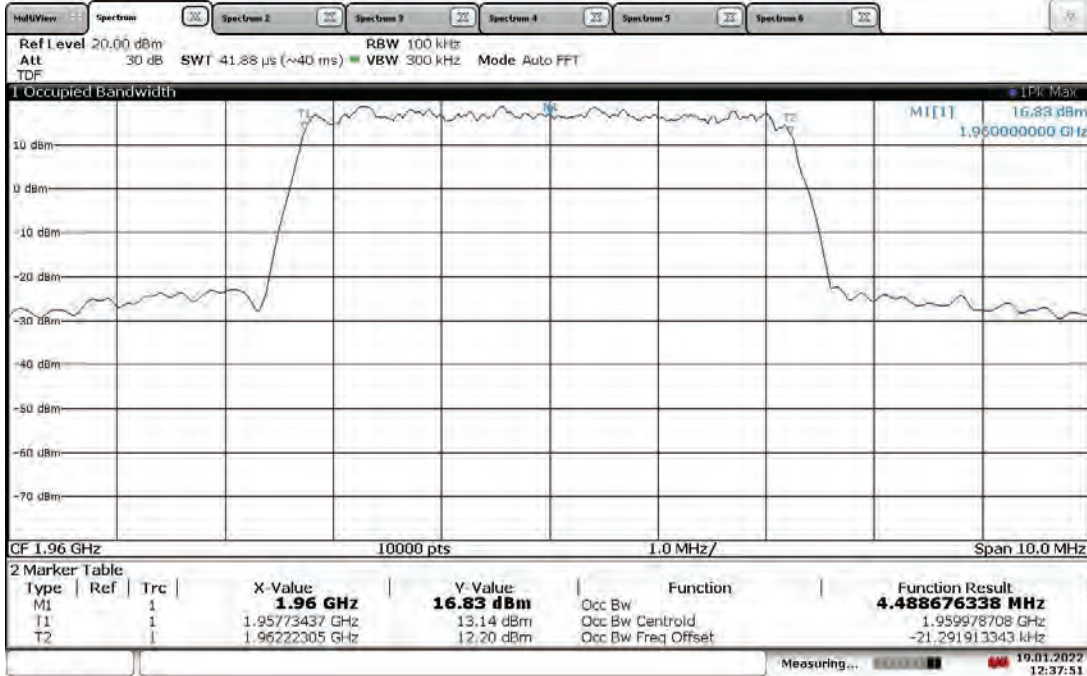


**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



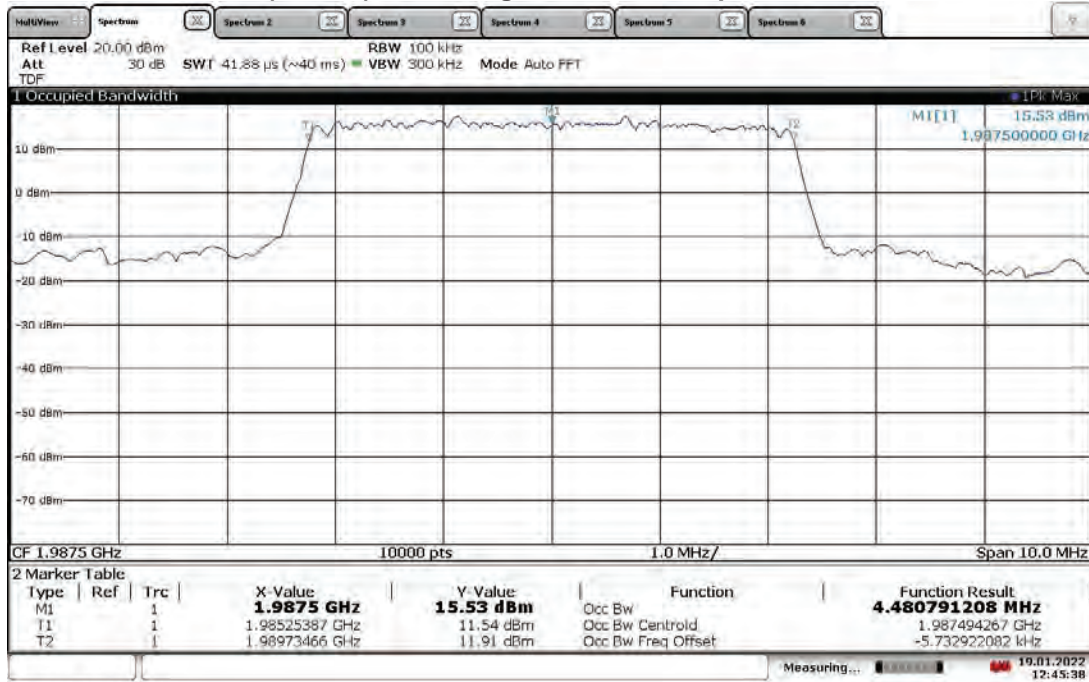
12:41:10 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



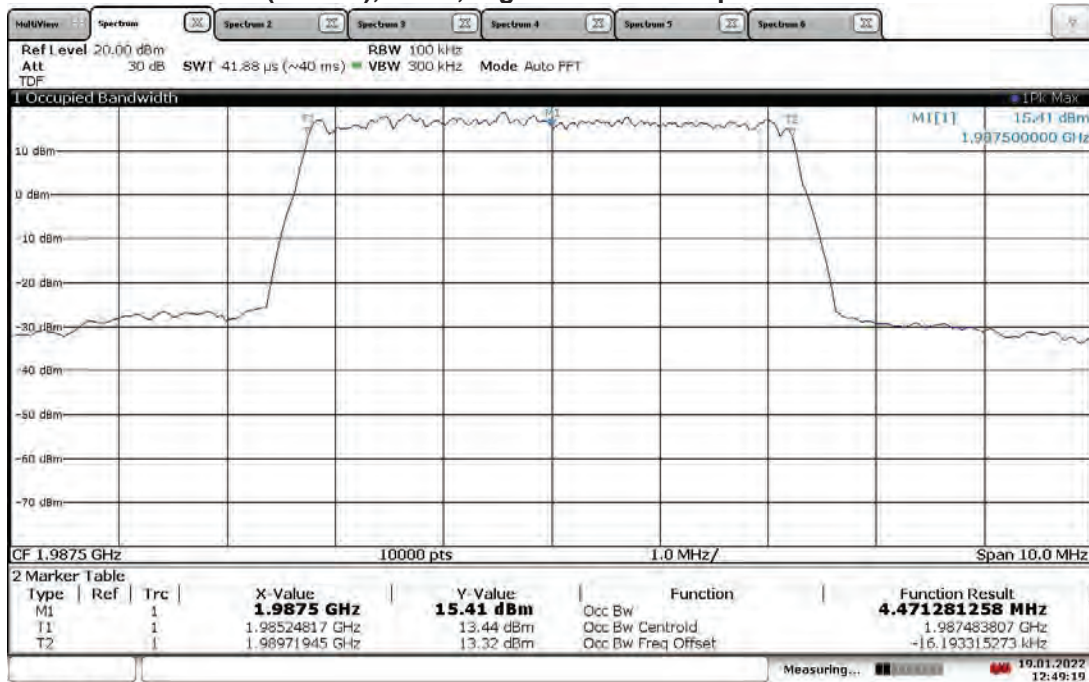
12:37:52 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



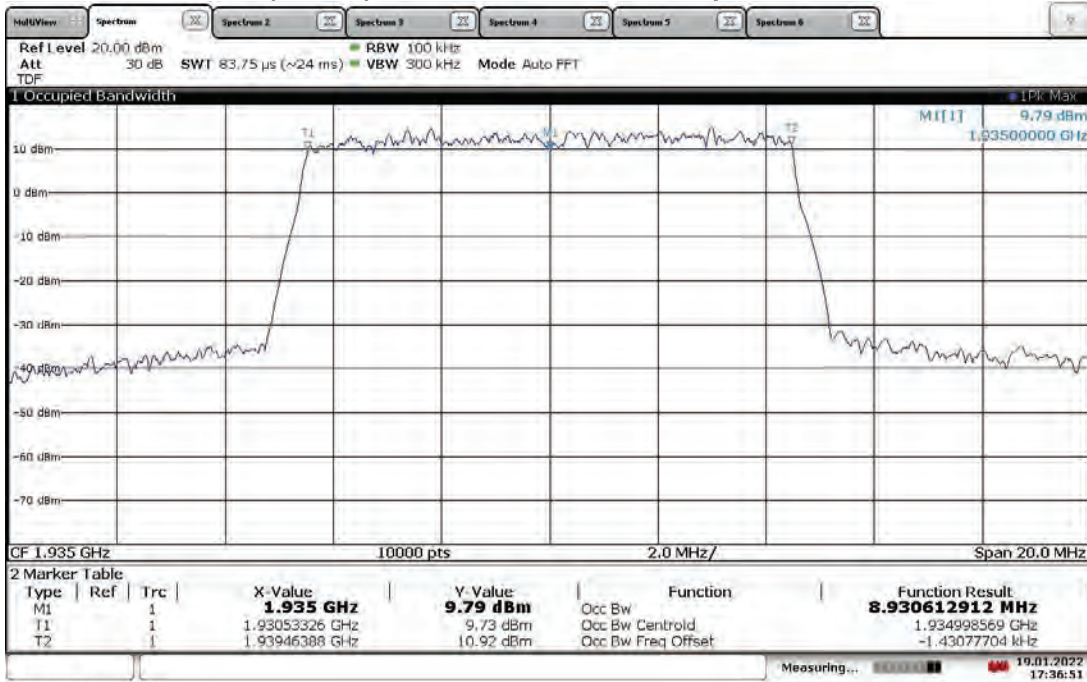
12:45:39 19.01.2022

**TM3.2-16QAM\_5 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



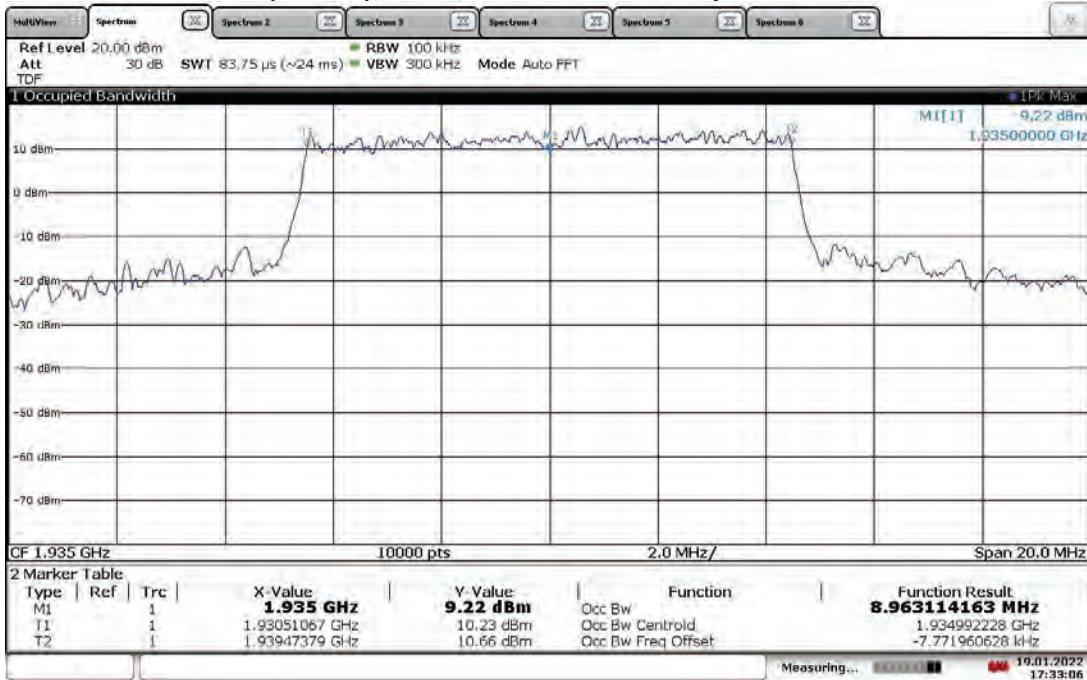
12:49:20 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth**



17:36:52 19.01.2022

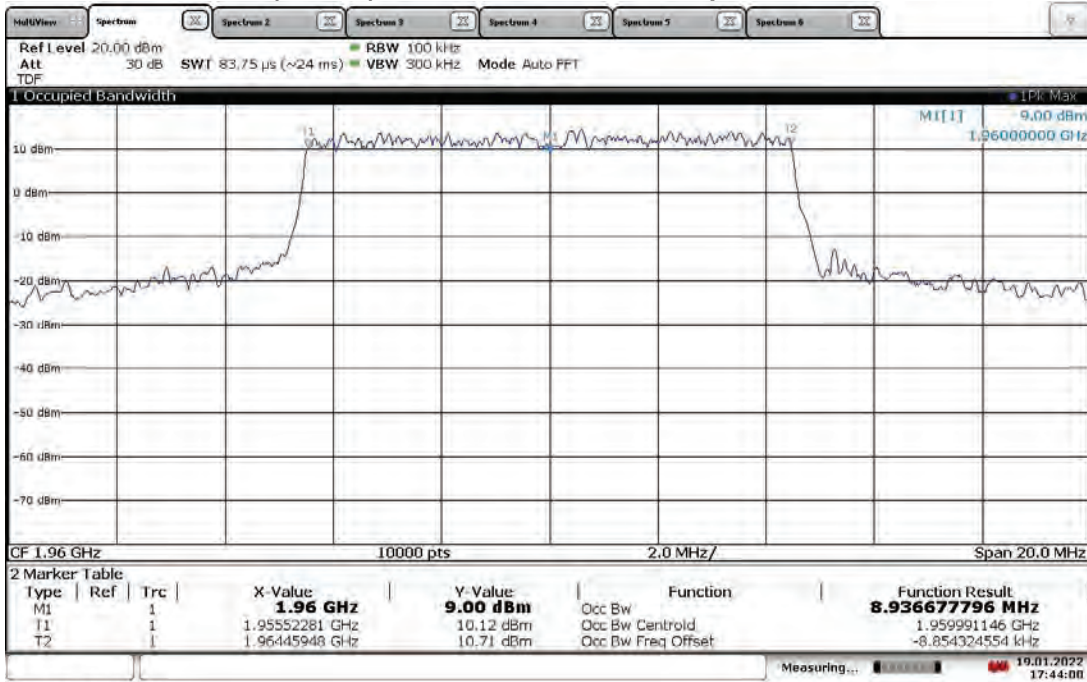
**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth**



17:33:07 19.01.2022

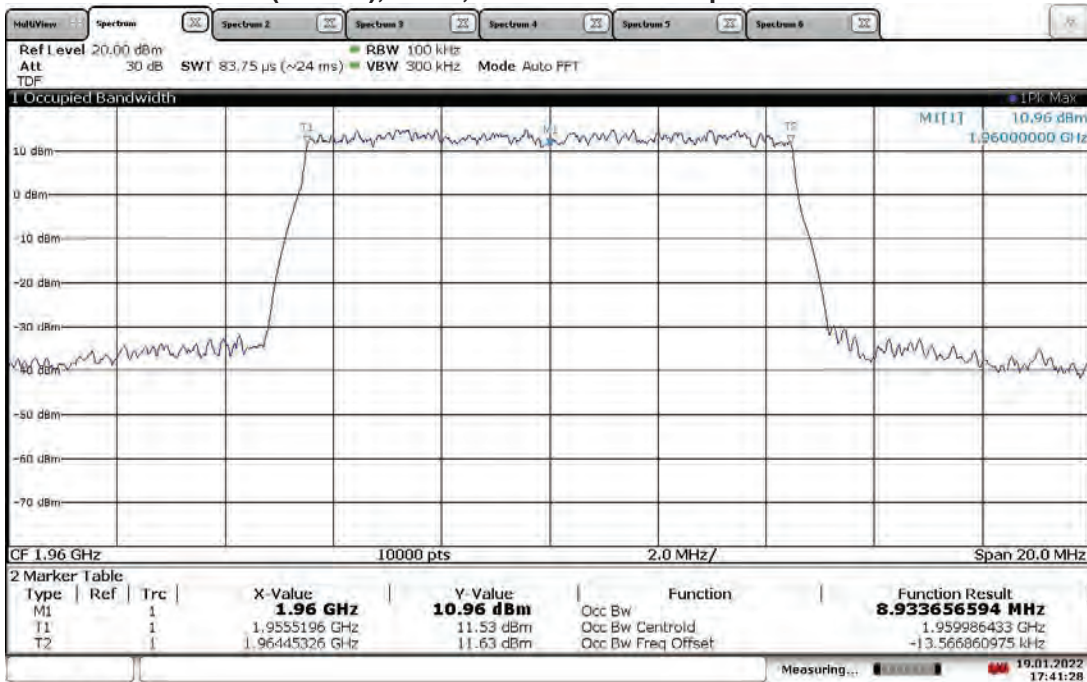


**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



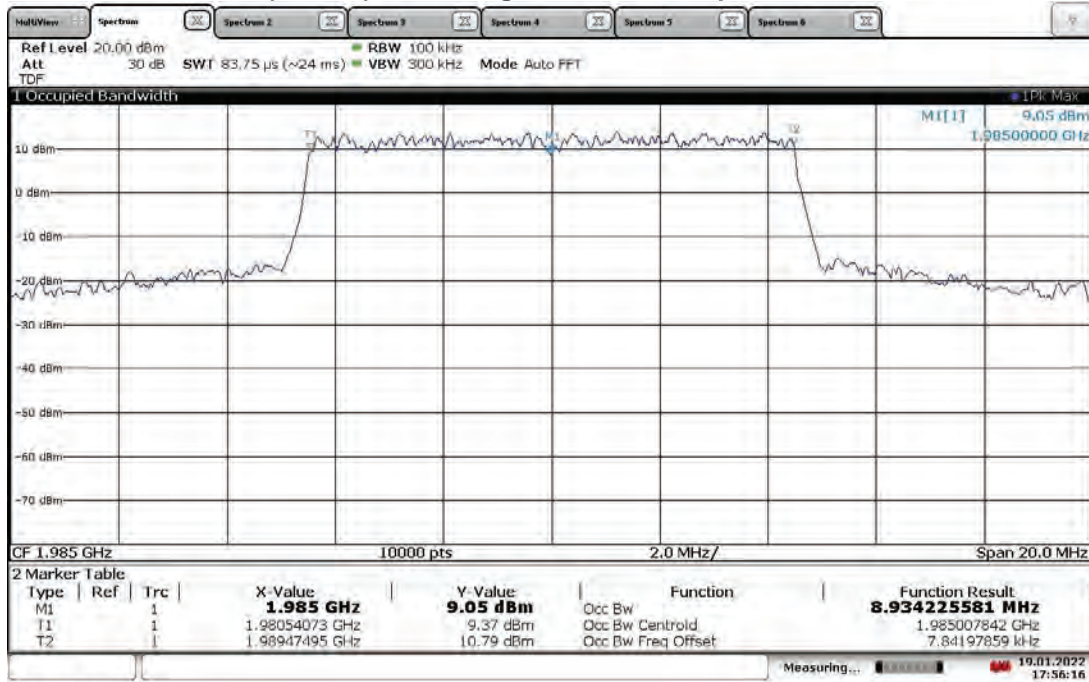
17:44:01 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



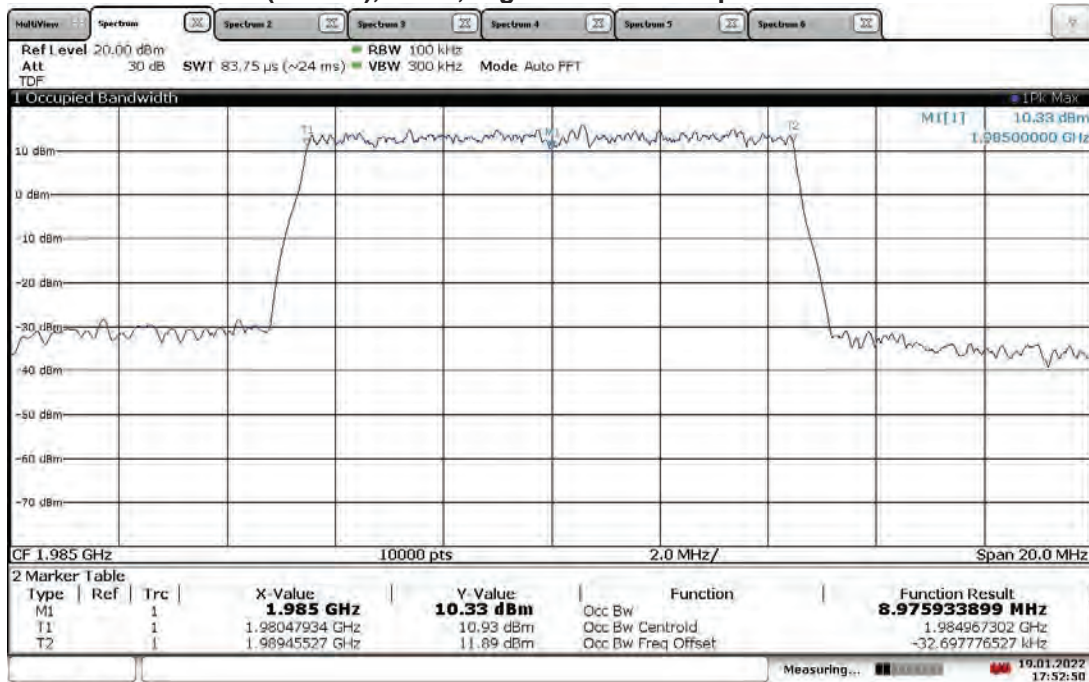
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**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



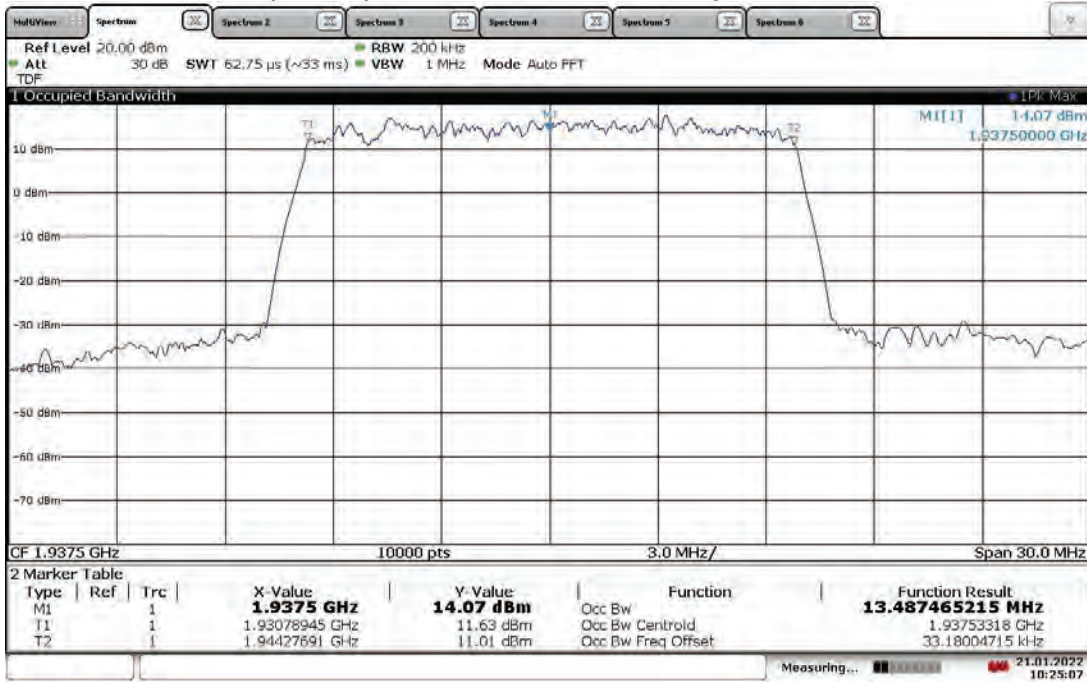
17:56:16 19.01.2022

**TM3.2-16QAM\_10 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



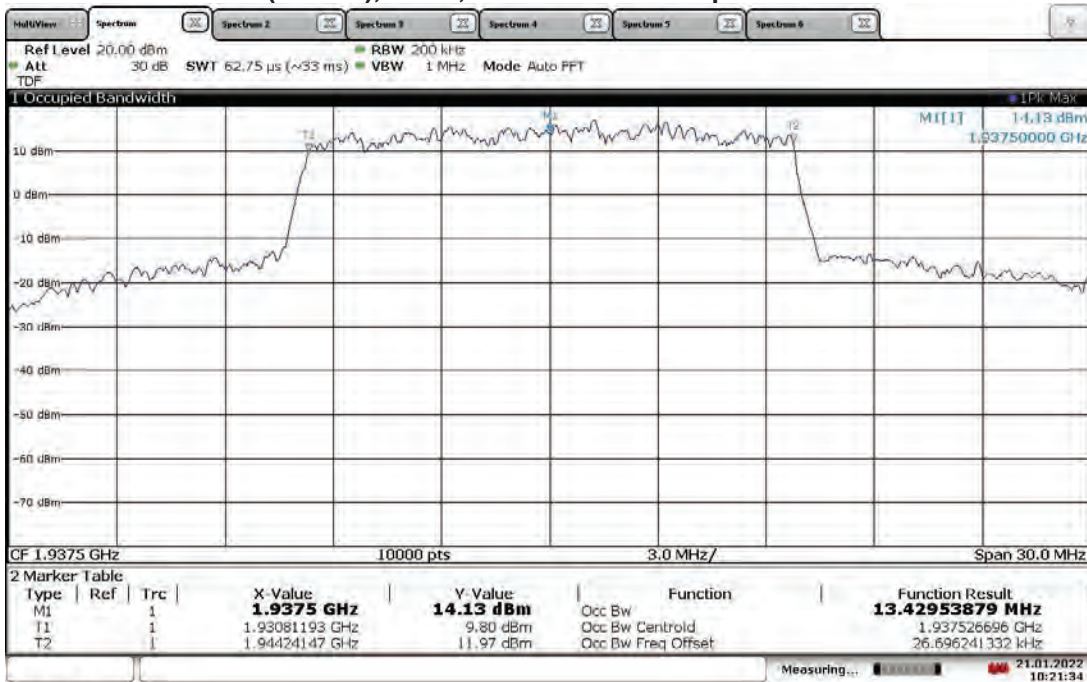
17:52:50 19.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Low Channel Occupied Bandwidth**



10:25:07 21.01.2022

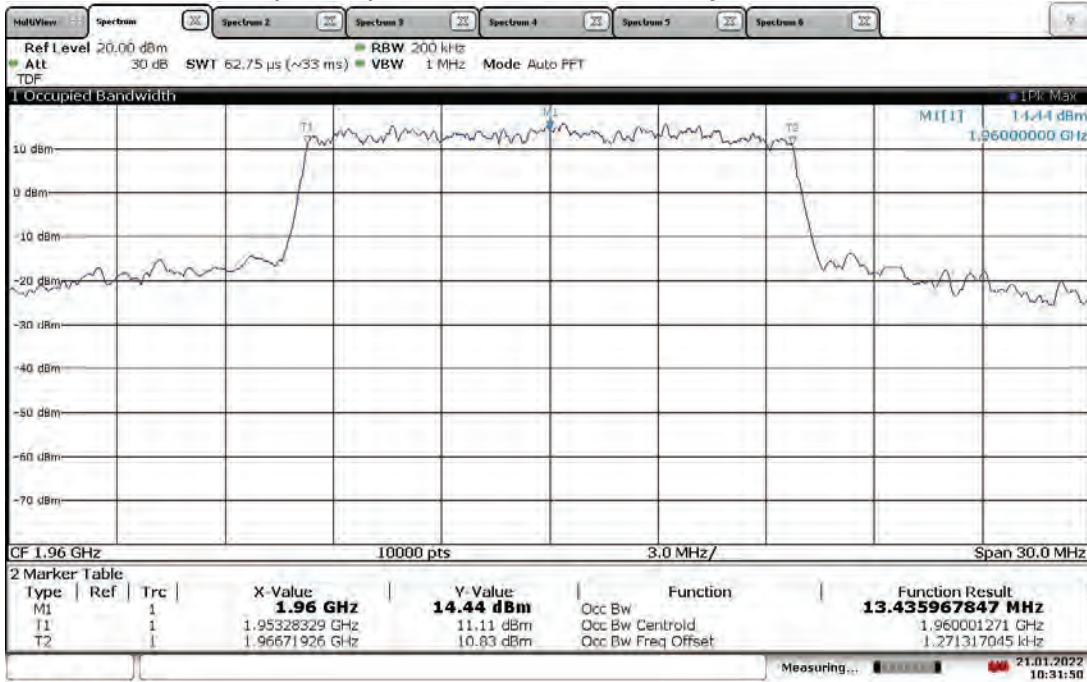
**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Low Channel Occupied Bandwidth**



10:21:35 21.01.2022

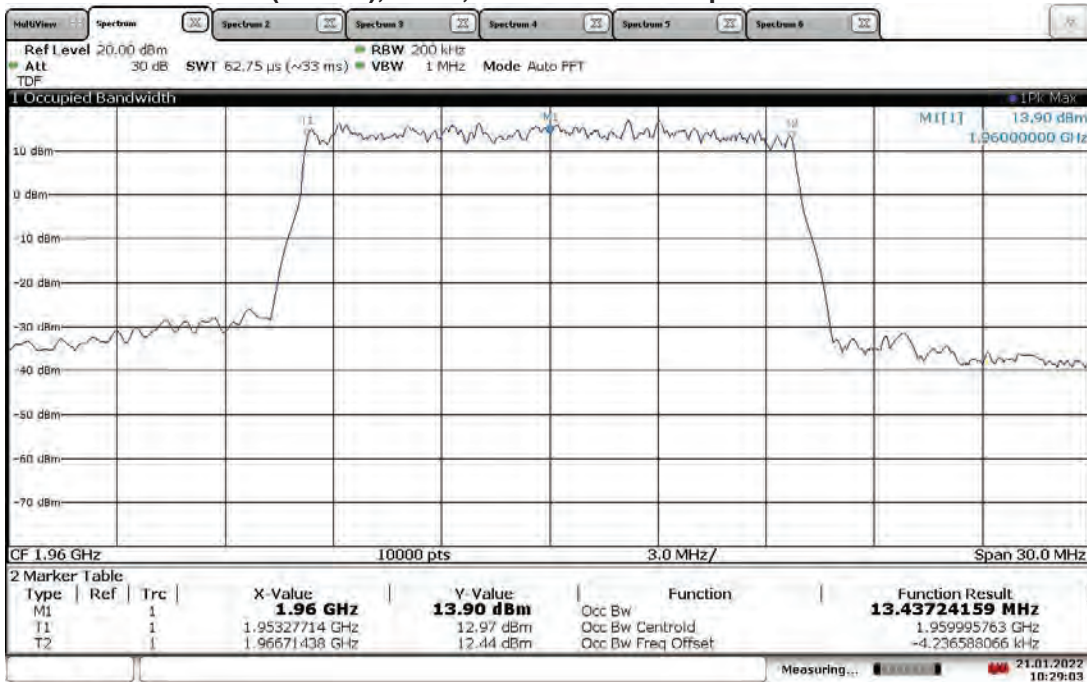


**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, Mid Channel Occupied Bandwidth**



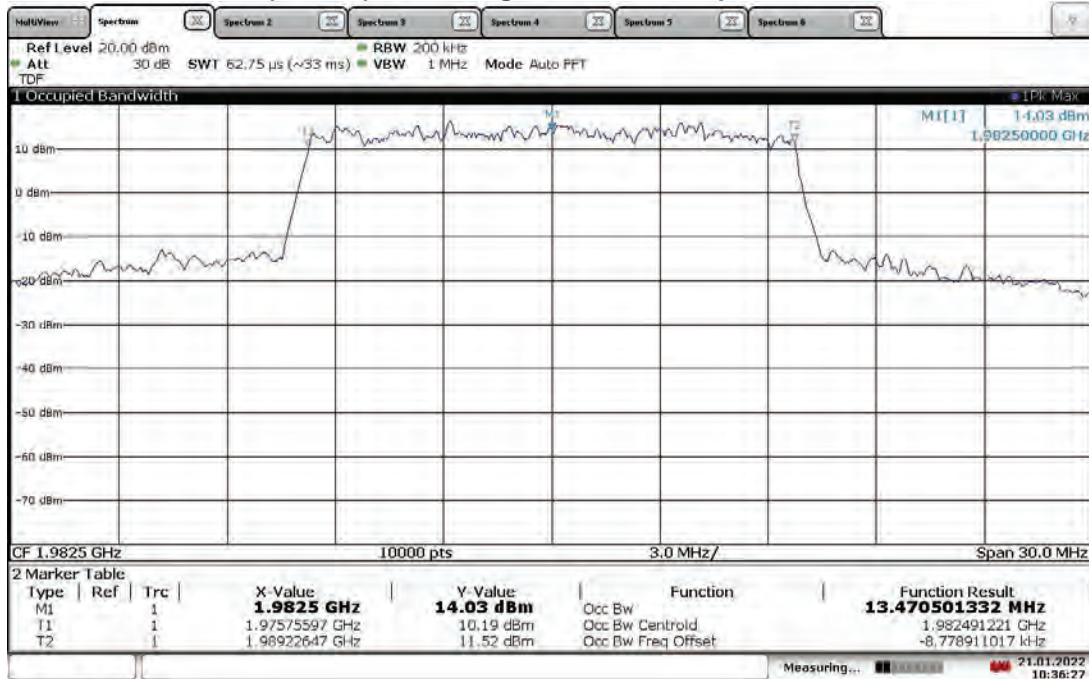
10:31:50 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, Mid Channel Occupied Bandwidth**



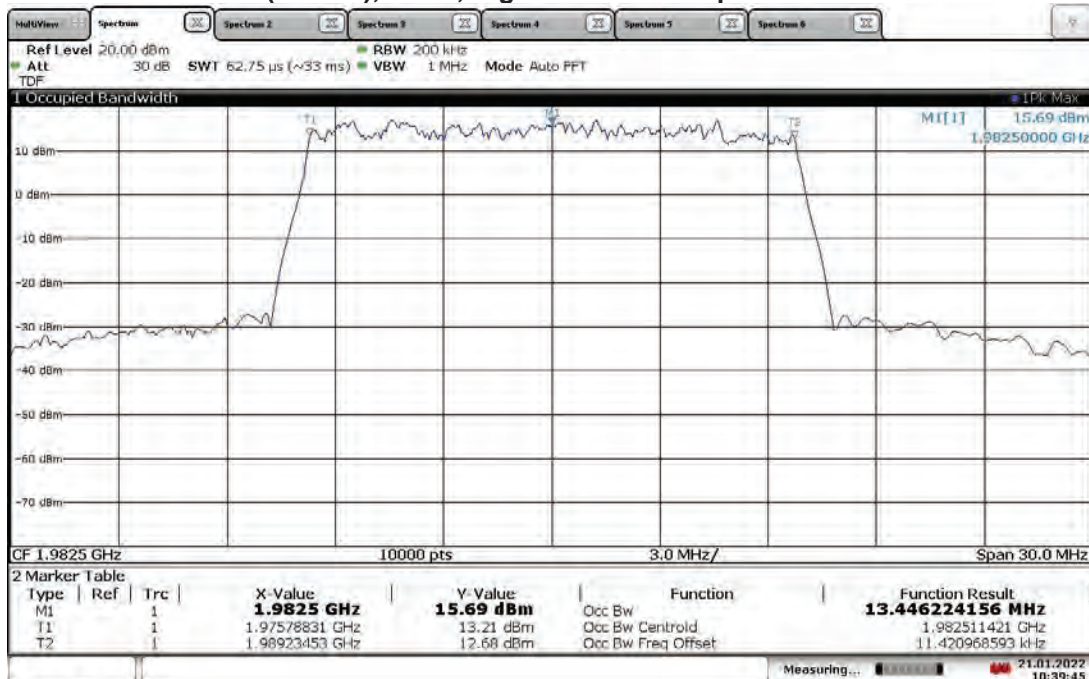
10:29:03 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT0, High Channel Occupied Bandwidth**



10:36:27 21.01.2022

**TM3.2-16QAM\_15 MHz Bandwidth (4G LTE)  
Slot 0 (Band 2), ANT1, High Channel Occupied Bandwidth**



10:39:45 21.01.2022