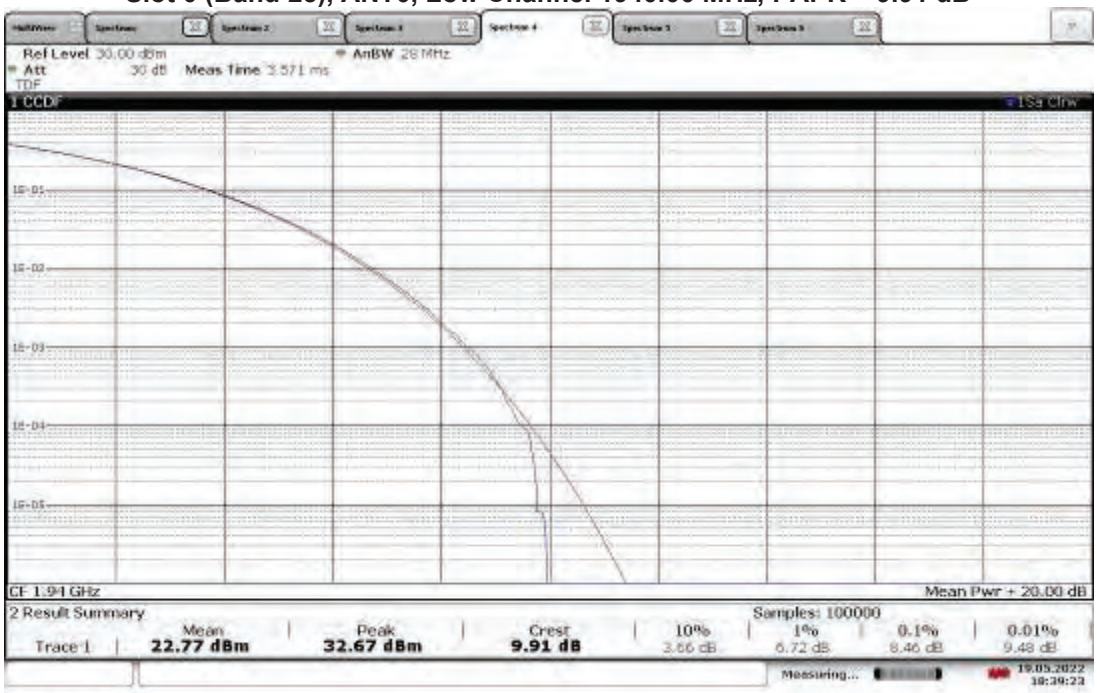
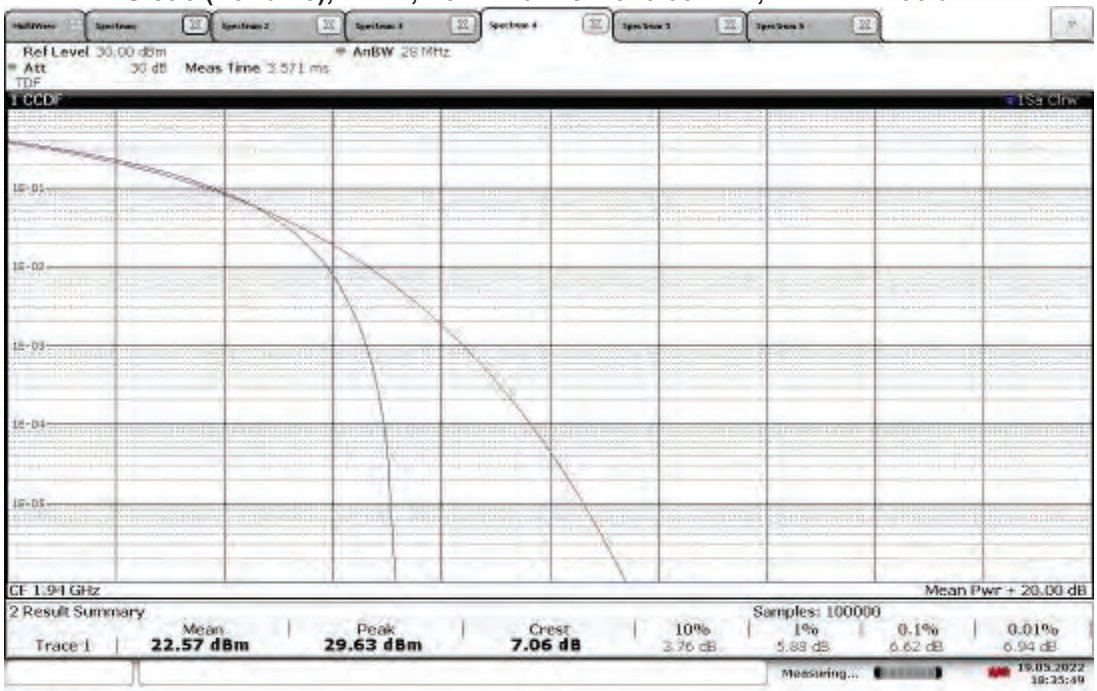
TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz, PAPR = 9.91 dB



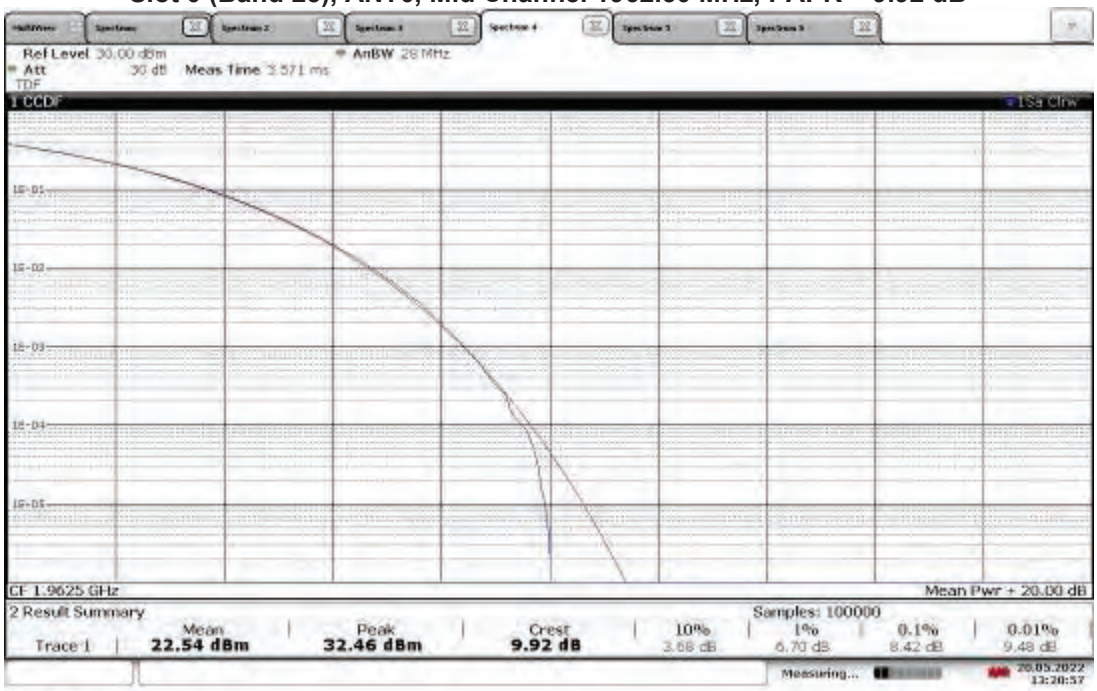
18:39:23 19.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz, PAPR = 7.06 dB



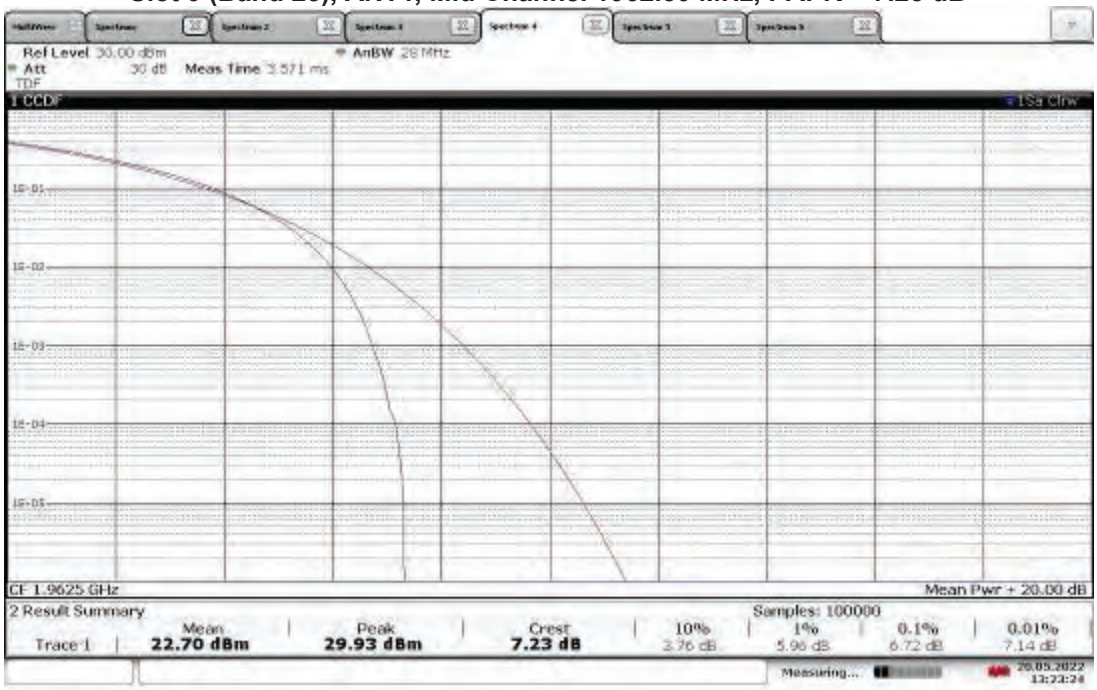
18:35:49 19.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz, PAPR = 9.92 dB



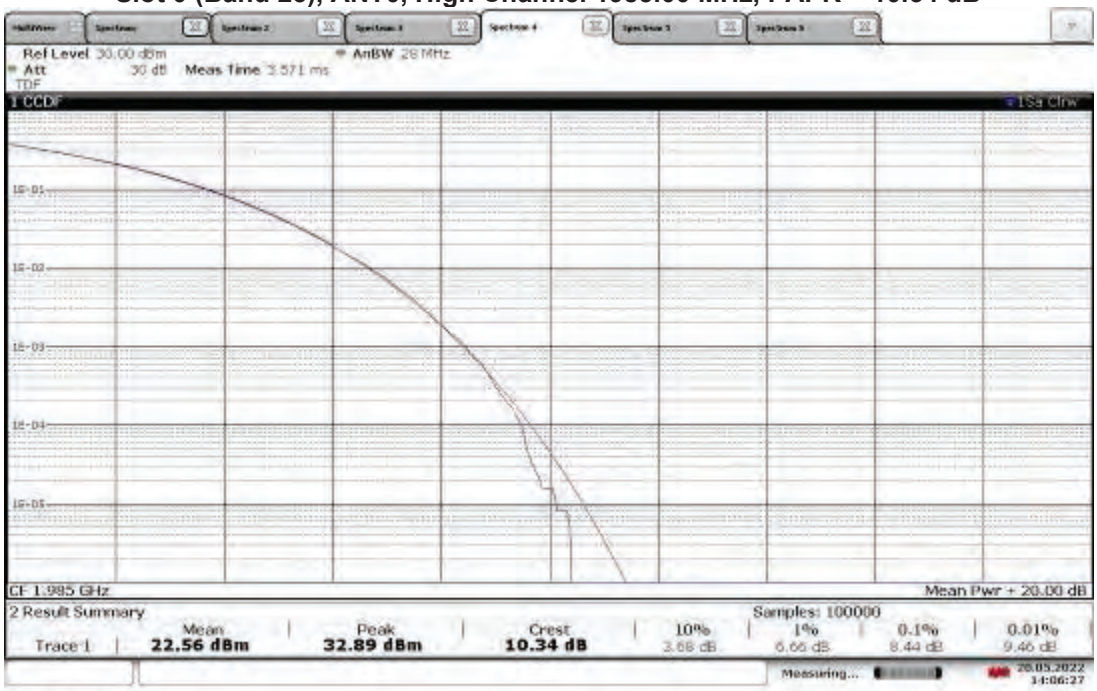
13:20:57 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz, PAPR = 7.23 dB



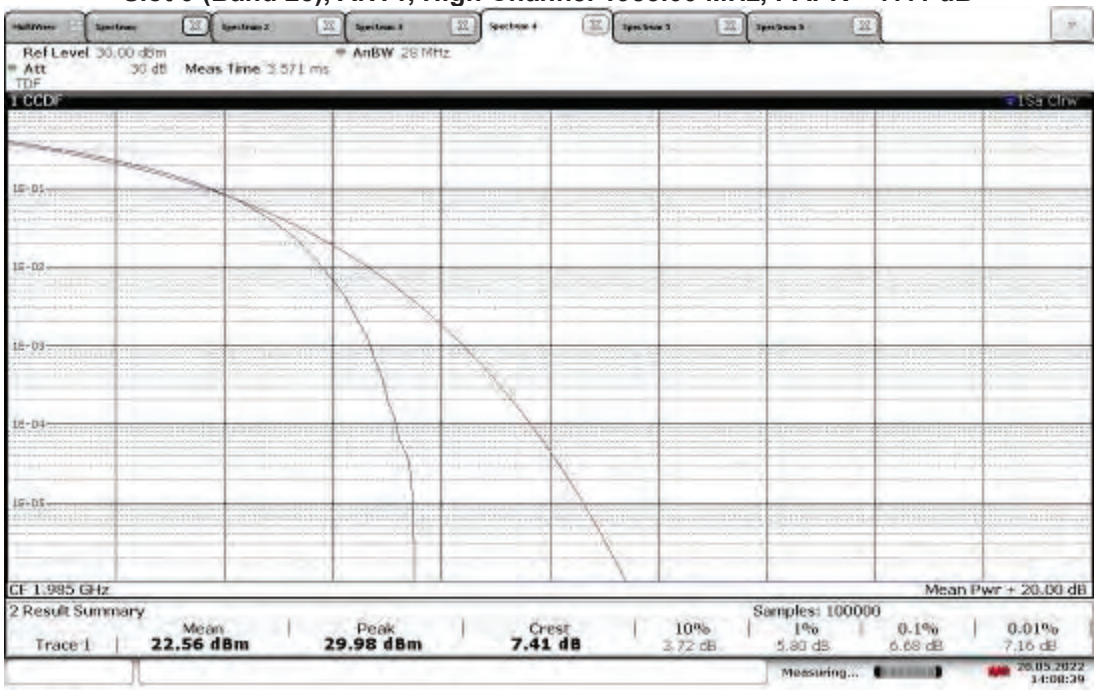
13:23:24 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz, PAPR = 10.34 dB



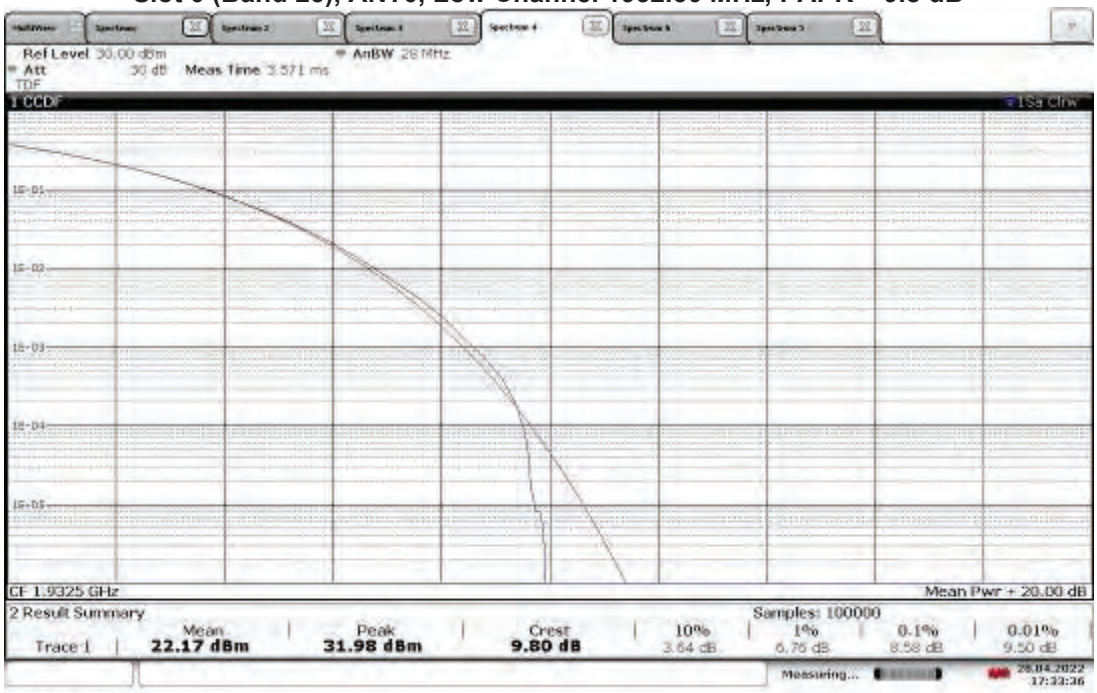
14:06:27 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz, PAPR = 7.41 dB



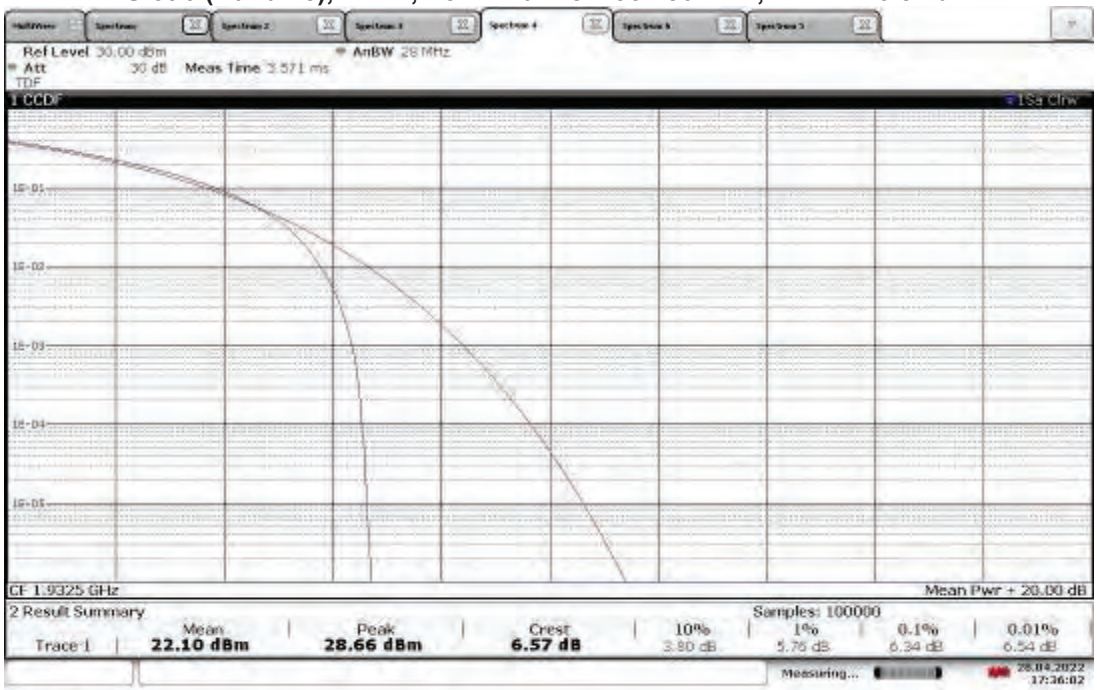
14:08:39 20.05.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz, PAPR = 9.8 dB



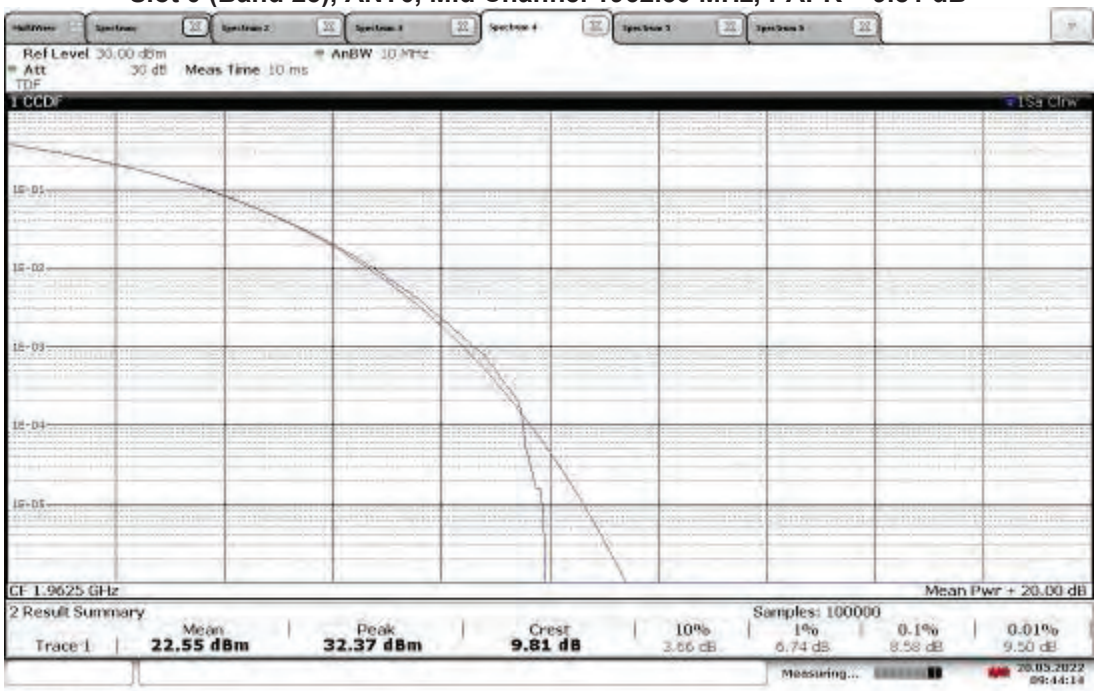
17:33:37 28.04.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz, PAPR = 6.57 dB



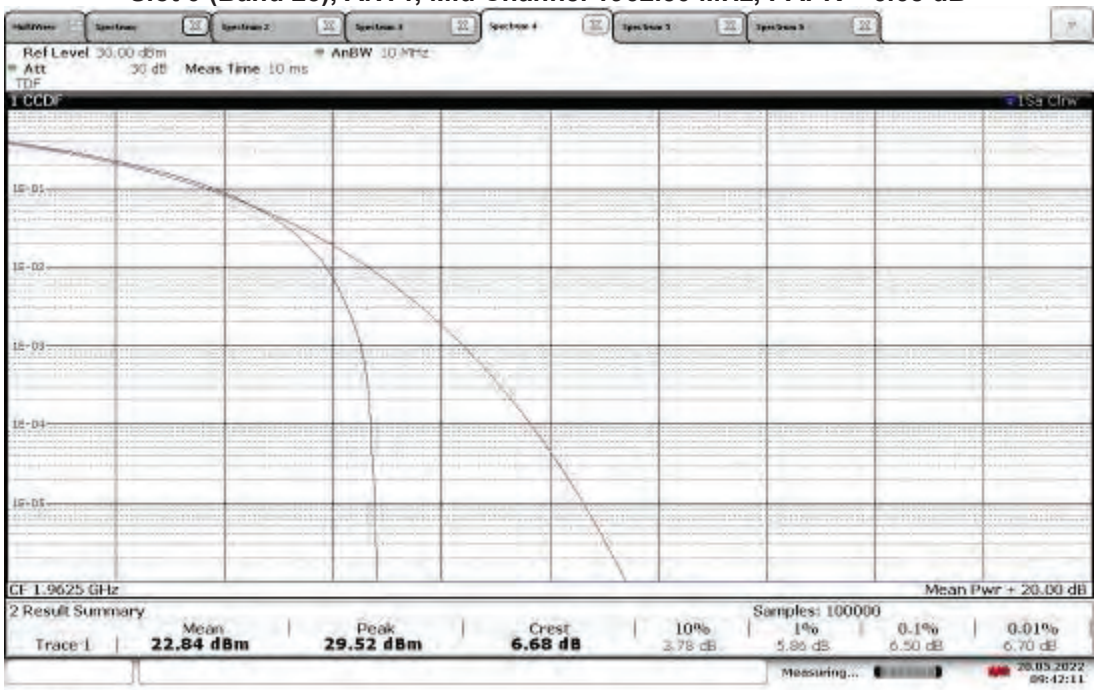
17:36:02 28.04.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz, PAPR = 9.81 dB



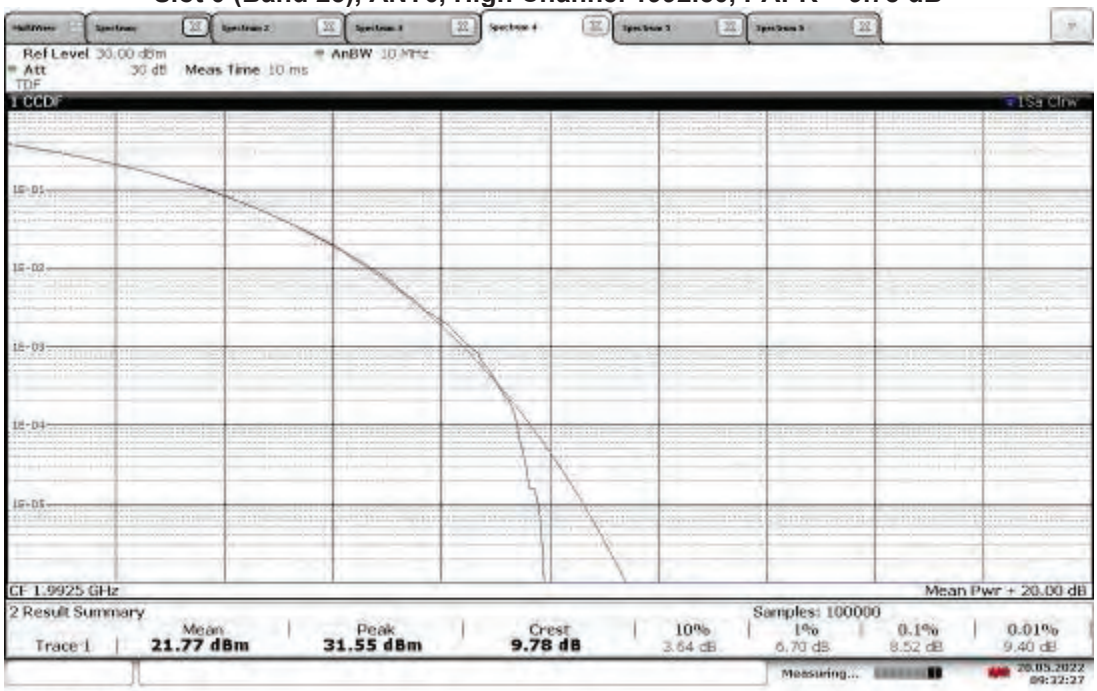
09:44:14 20.05.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz, PAPR = 6.68 dB



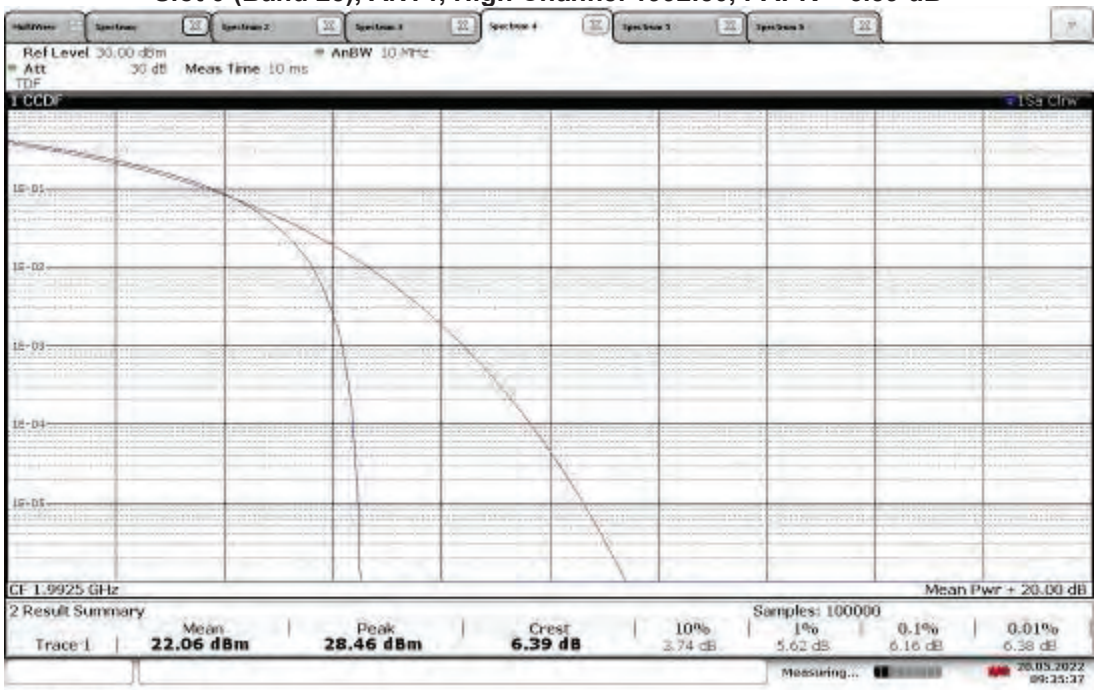
09:42:11 20.05.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50, PAPR = 9.78 dB



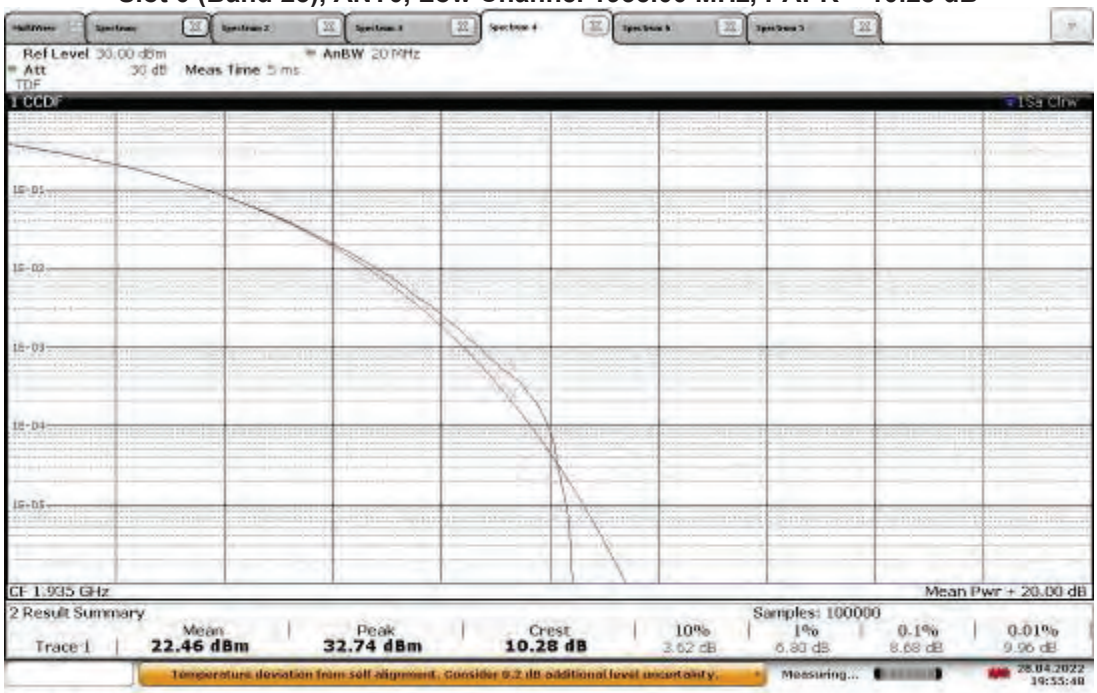
09:32:28 20.05.2022

TM3.1a - 256QAM_5MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50, PAPR = 6.39 dB



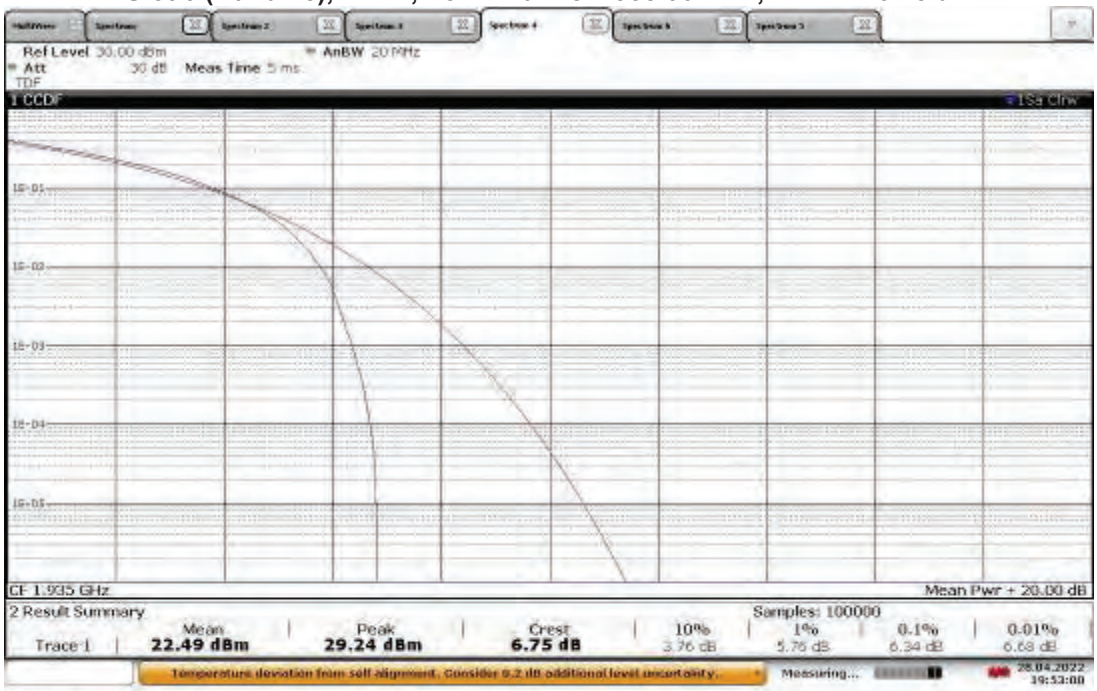
09:35:37 20.05.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz, PAPR = 10.28 dB



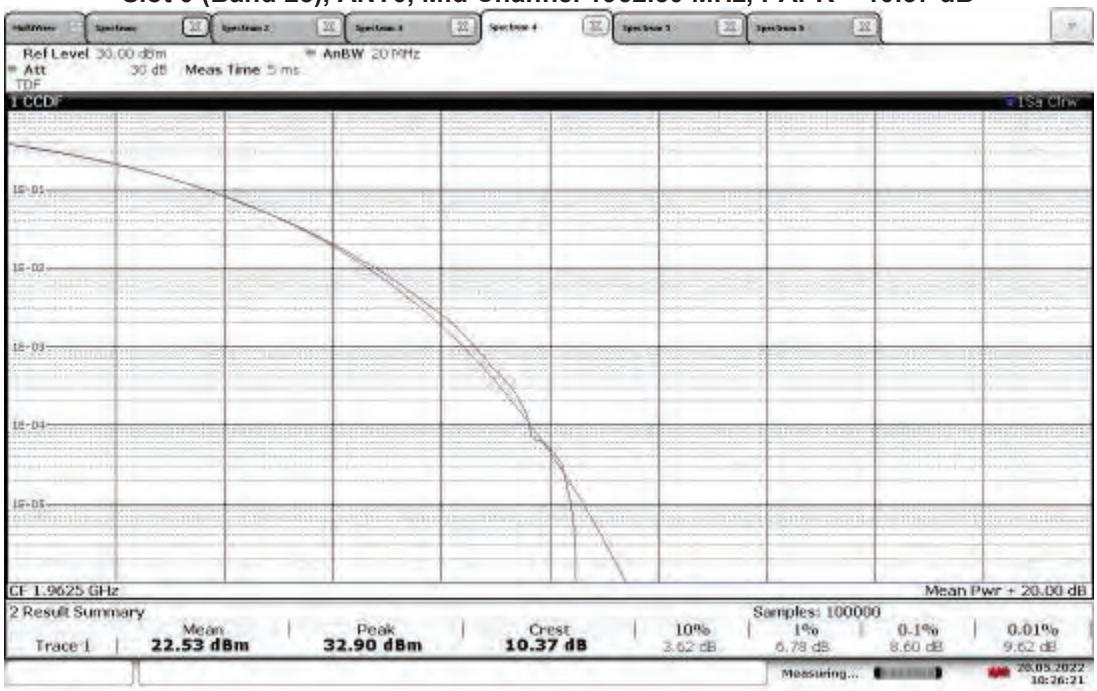
19:55:48 28.04.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz, PAPR = 6.75 dB



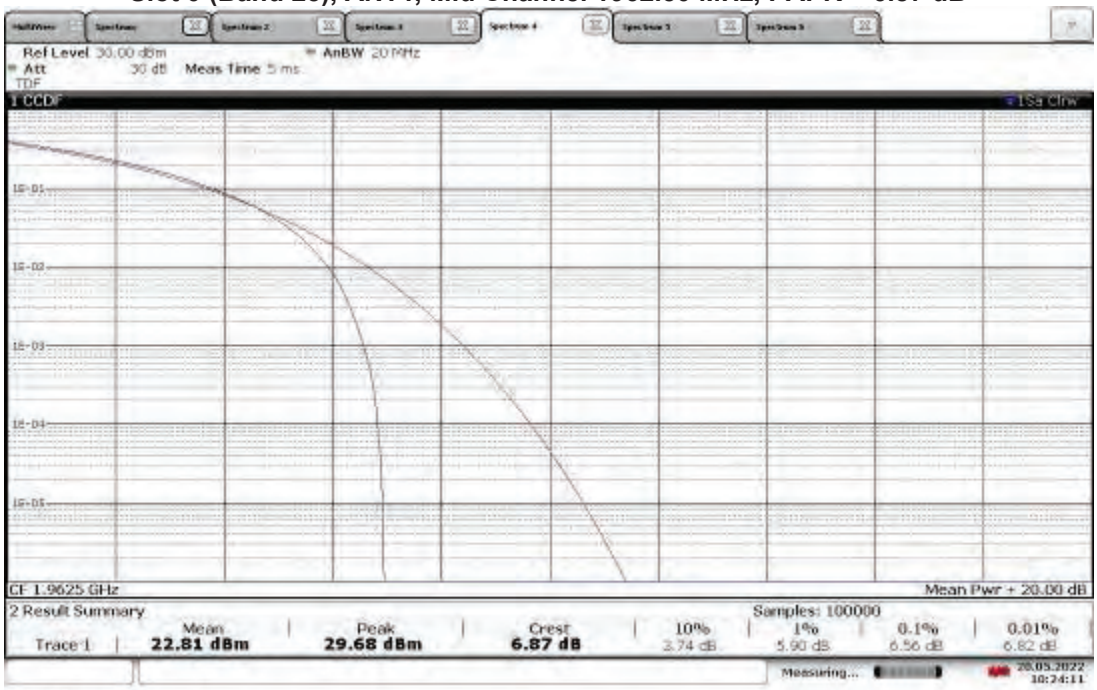
19:53:01 28.04.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz, PAPR = 10.37 dB



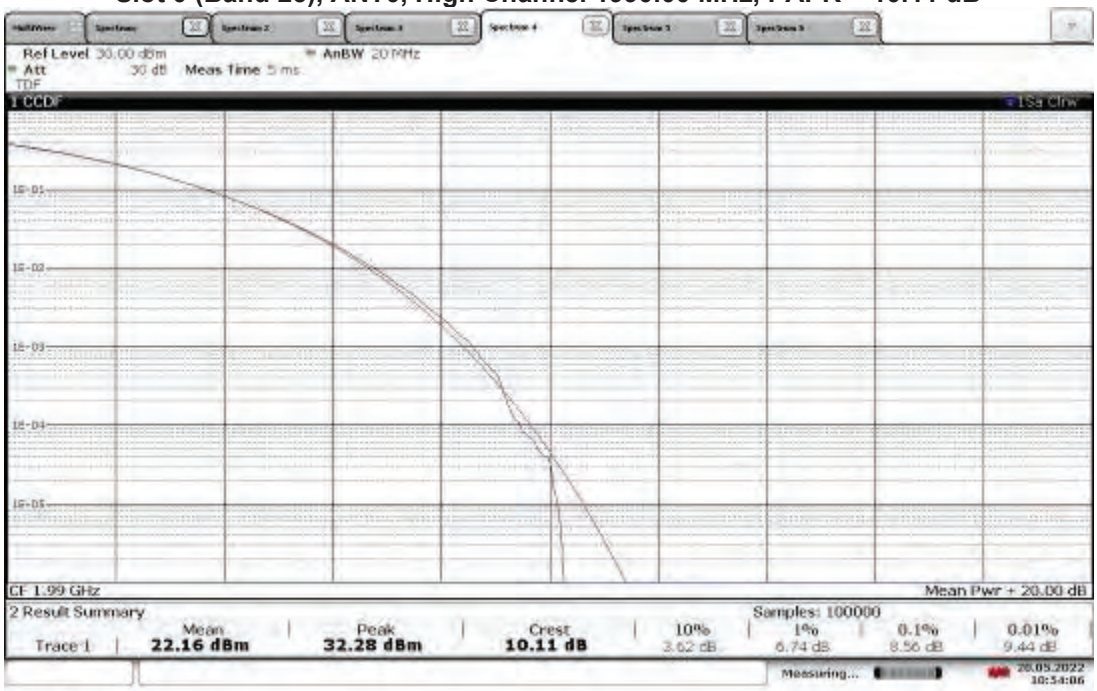
10:26:22 20.05.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz, PAPR = 6.87 dB



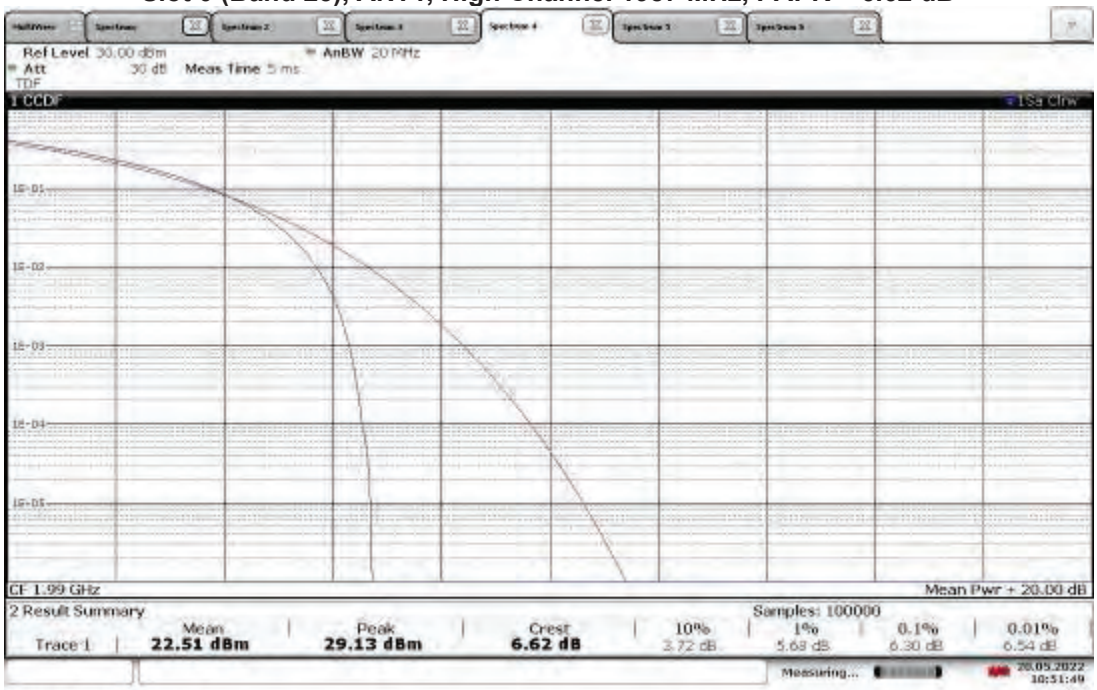
10:24:11 20.05.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz, PAPR = 10.11 dB



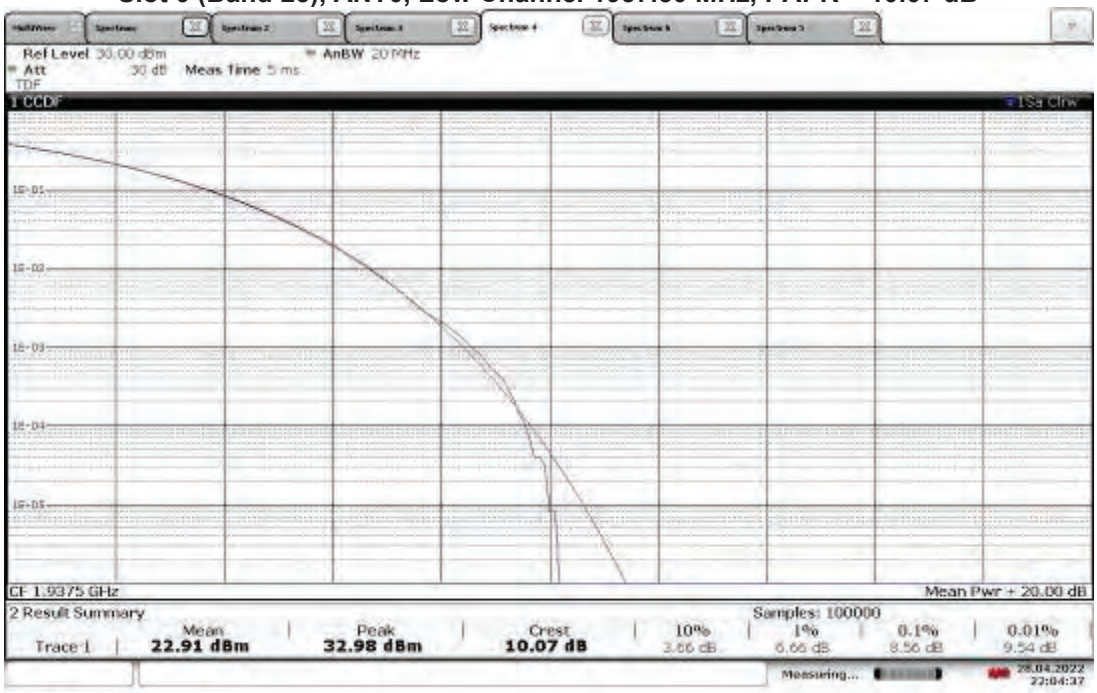
10:54:06 20.05.2022

TM3.1a - 256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987 MHz, PAPR = 6.62 dB



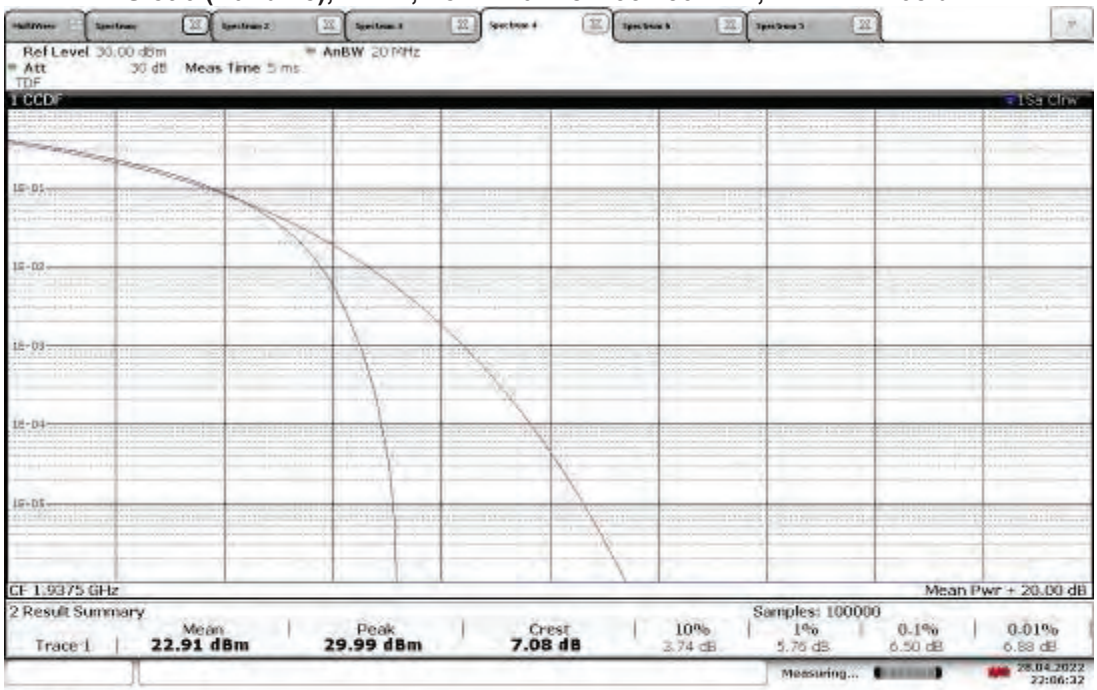
10:51:49 20.05.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz, PAPR = 10.07 dB



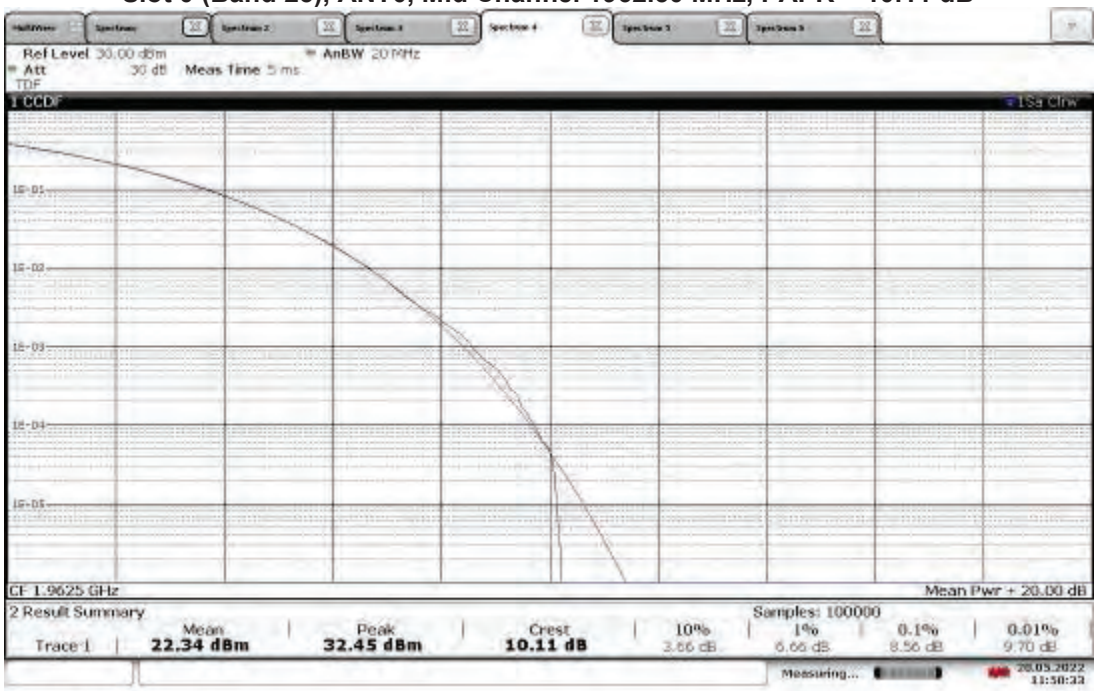
22:04:38 28.04.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz, PAPR = 7.08 dB



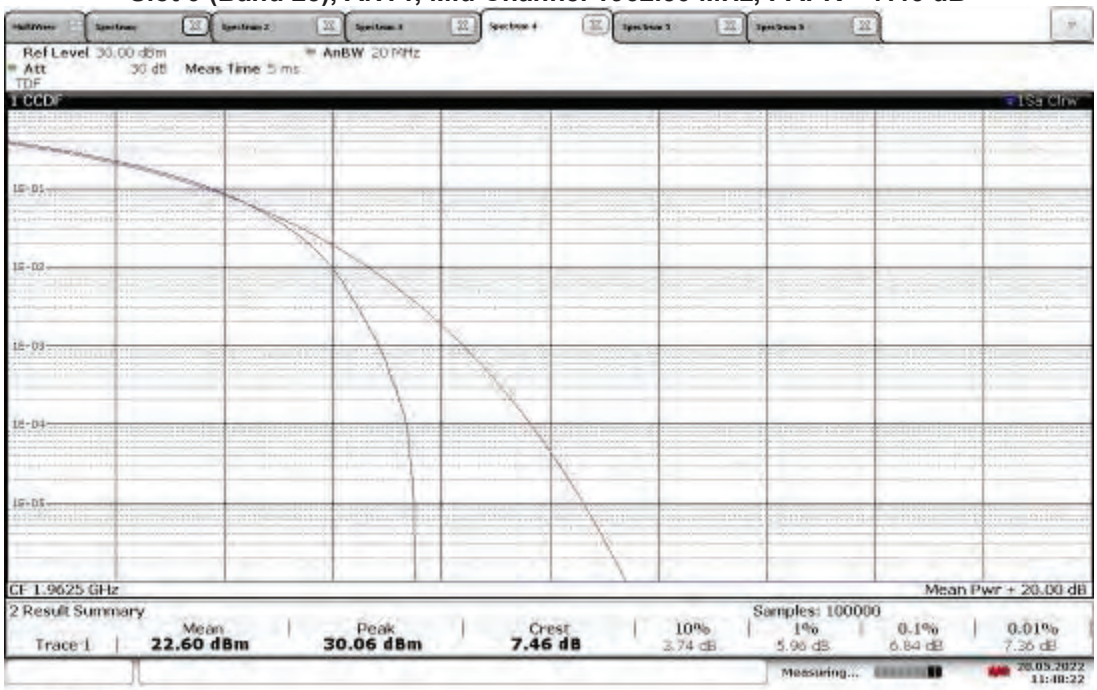
22:06:32 28.04.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz, PAPR = 10.11 dB



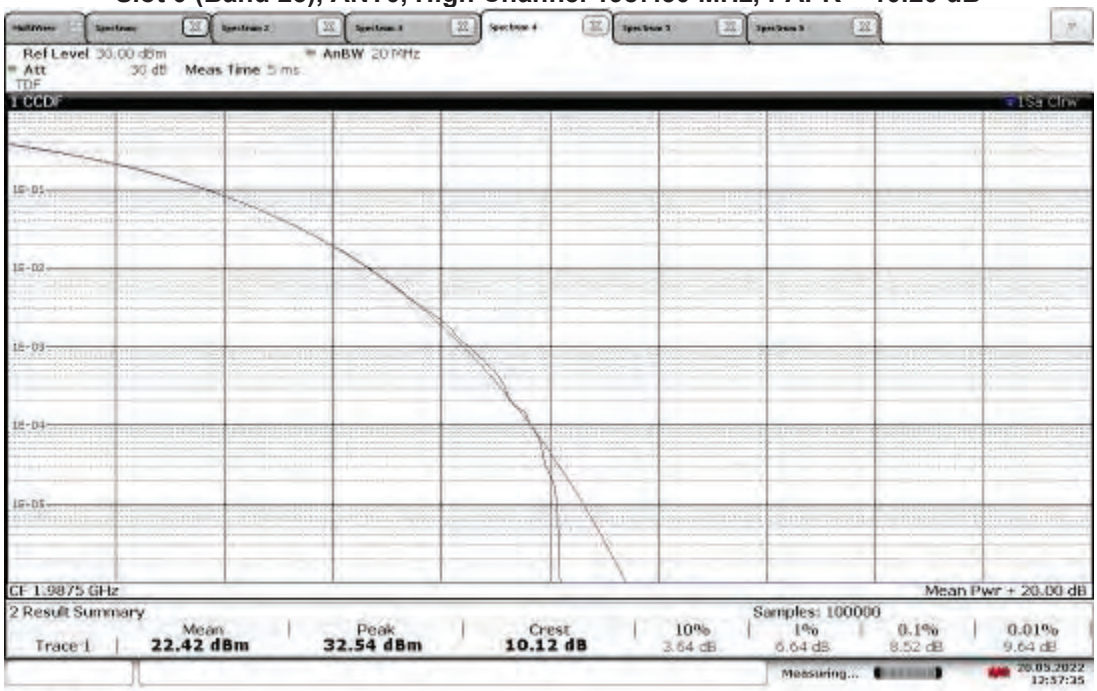
11:50:33 20.05.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz, PAPR = 7.46 dB



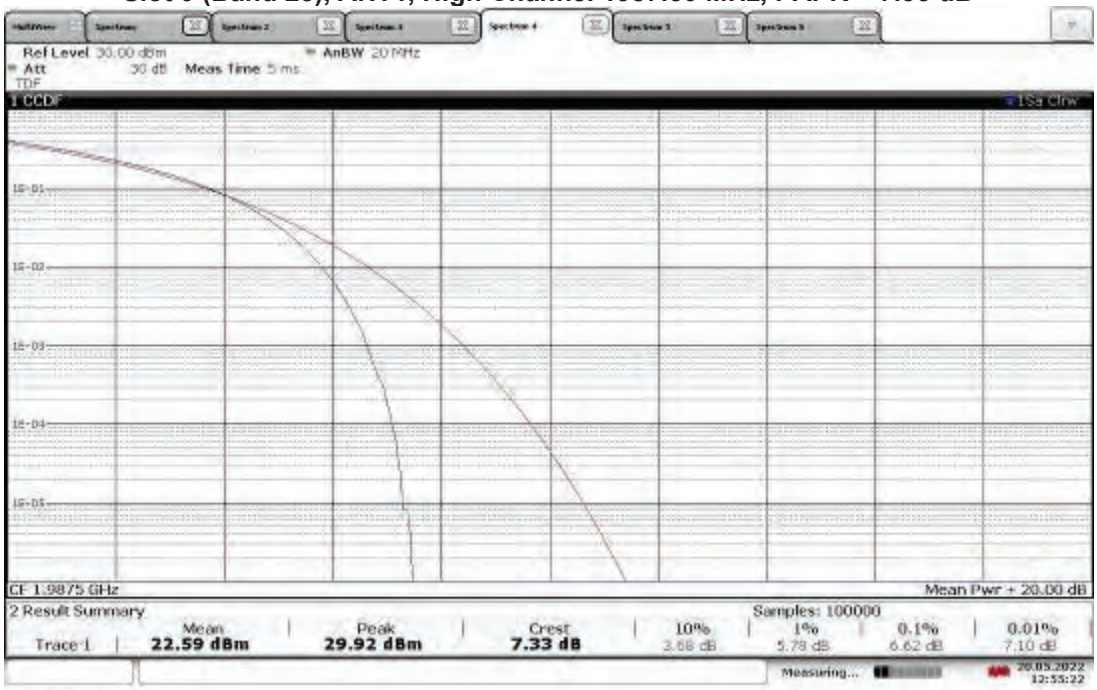
11:48:22 20.05.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz, PAPR = 10.20 dB



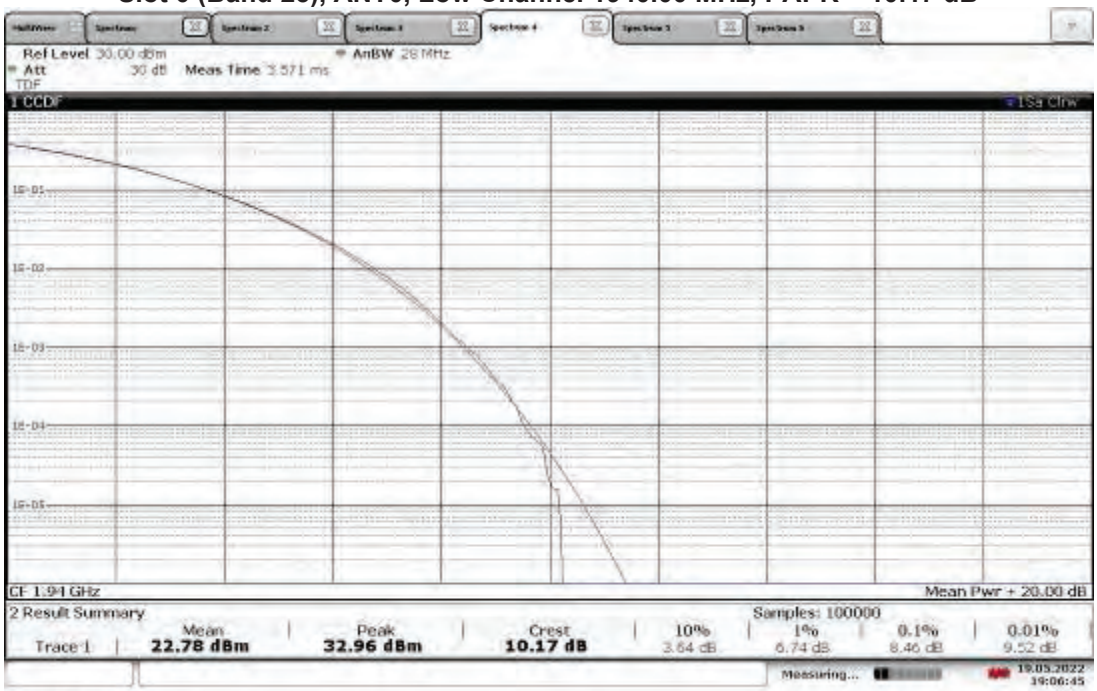
12:57:36 20.05.2022

TM3.1a - 256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz, PAPR = 7.33 dB



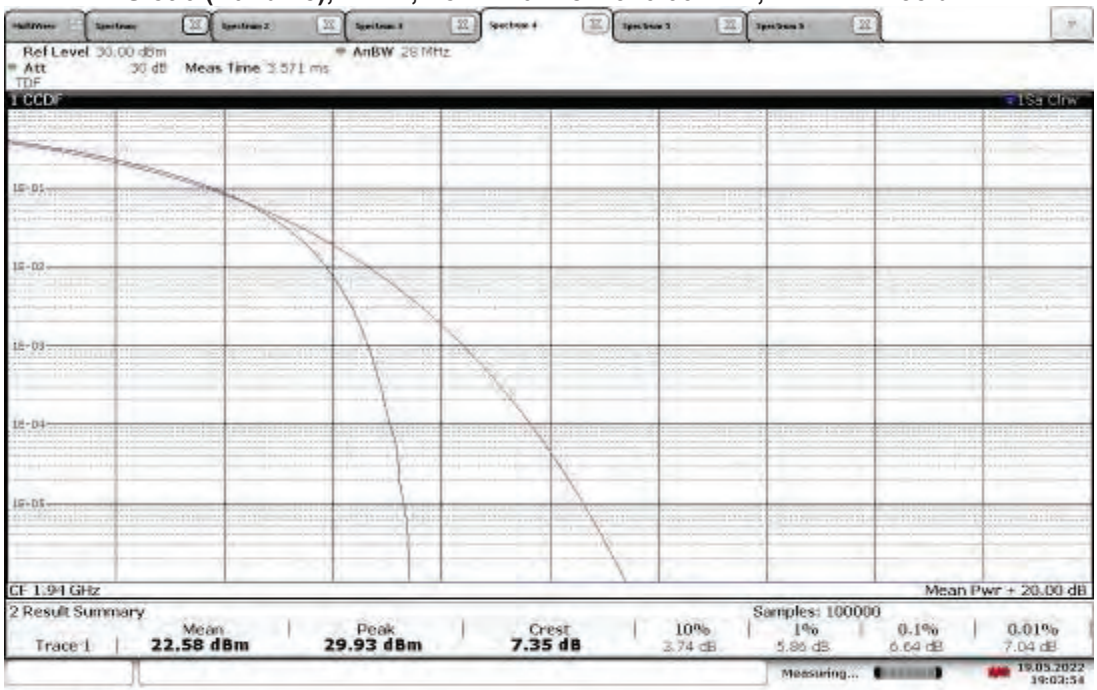
12:55:23 20.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz, PAPR = 10.17 dB



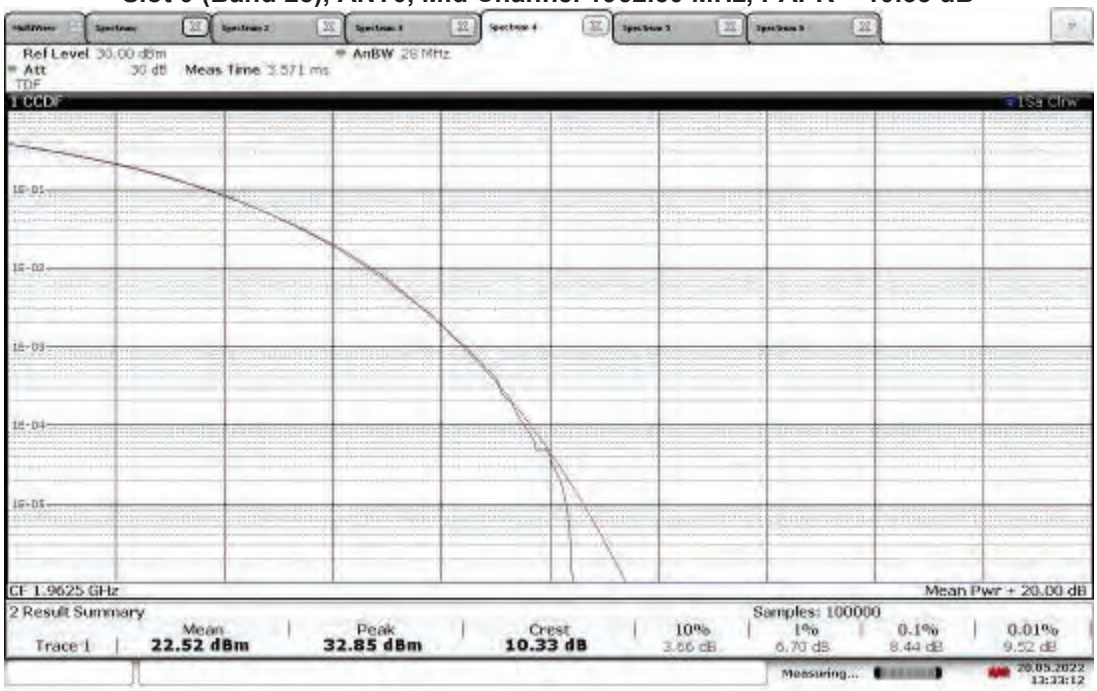
19:06:45 19.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz, PAPR = 7.35 dB



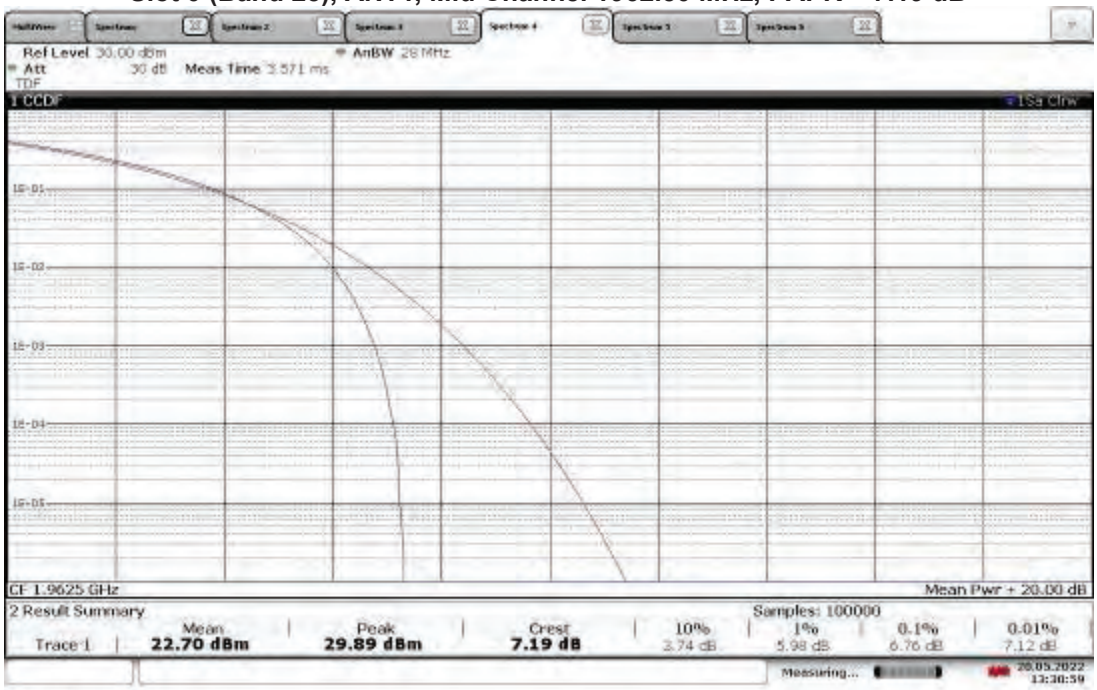
19:03:54 19.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz, PAPR = 10.33 dB



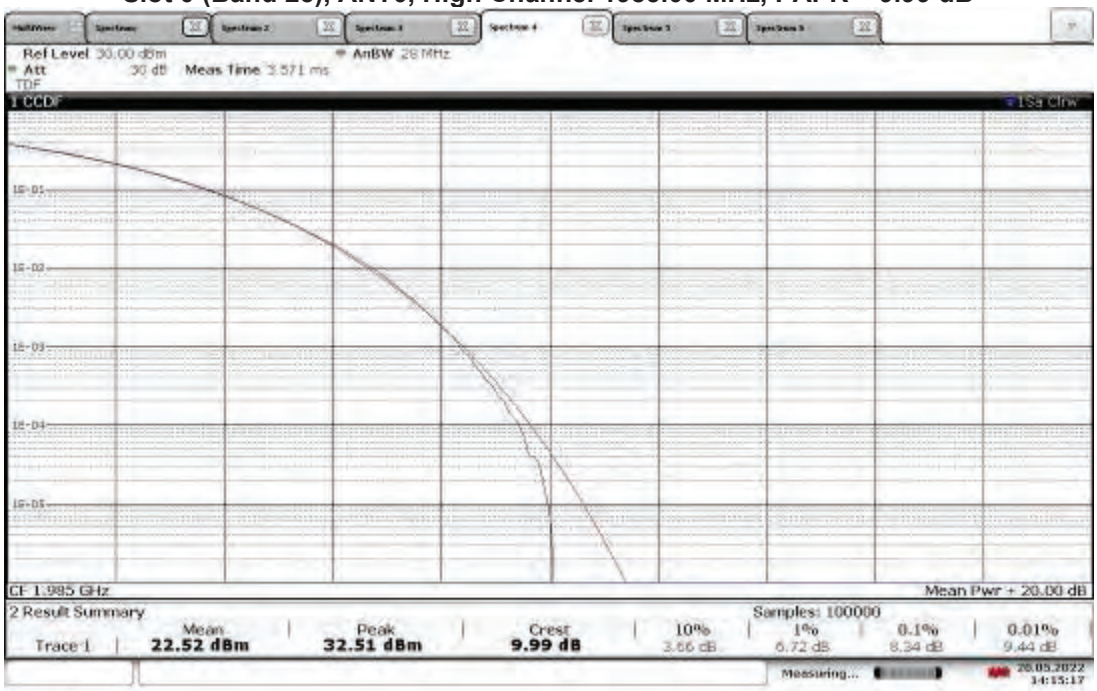
13:33:12 20.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz, PAPR = 7.19 dB



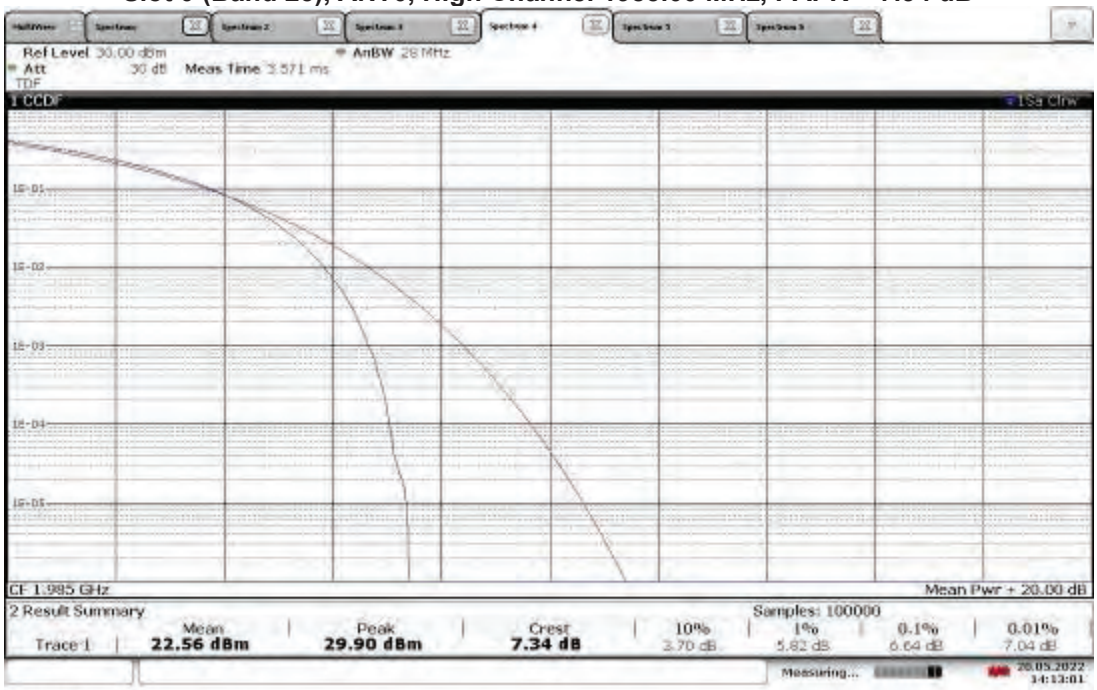
13:30:59 20.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz, PAPR = 9.99 dB



14:15:18 20.05.2022

TM3.1a - 256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz, PAPR = 7.34 dB



14:13:02 20.05.2022

Test Personnel:	Kouma Sinn KPS	Test Date:	04/28/2022, 05/19/2022, 05/20/2022
Supervising/Reviewing Engineer: (Where Applicable)	Vathana F. Ven VFV		
Product Standard:	FCC Part 24	Limit Applied:	See report section 7.3
Input Voltage:	48 VDC (POE)		
Pretest Verification w/ Ambient Signals or BB Source:	N/A	Ambient Temperature:	24, 24, 23 ºC
		Relative Humidity:	17, 42, 45 %
		Atmospheric Pressure:	1000, 997, 1006 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, CFR47 FCC Part §24, and CFR47 FCC Part §2.1049.

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	02/11/2022	02/11/2023
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	02/10/2023	02/10/2023

Software Utilized:

Name	Manufacturer	Version
None	--	--

8.3 Results:

The sample tested was found to Comply.

FCC Part §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.

FCC Part §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.

Slot 0 (Band 25), 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	4.471	4.93
		ANT1	4.500	5.02
Mid	1962.50	ANT0	4.519	4.95
		ANT1	4.537	5.21
High	1992.50	ANT0	4.516	4.95
		ANT1	4.548	5.66

Slot 0 (Band 25), 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	9.321	10.01
		ANT1	9.295	10.07
Mid	1962.50	ANT0	9.243	10.07
		ANT1	9.253	10.07
High	1990.00	ANT0	9.214	10.05
		ANT1	9.235	10.05

Slot 0 (Band 25), 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	14.180	15.23
		ANT1	14.222	15.79
Mid	1962.50	ANT0	14.177	15.26
		ANT1	14.227	15.82
High	1987.50	ANT0	14.160	15.26
		ANT1	14.218	15.49

Slot 0 (Band 25), 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	18.906	20.18
		ANT1	18.923	20.26
Mid	1962.50	ANT0	18.991	20.22
		ANT1	19.017	20.34
High	1985.00	ANT0	18.978	20.22
		ANT1	19.017	20.30

Slot 0 (Band 25), 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	4.517	4.91
		ANT1	4.541	4.93
Mid	1962.50	ANT0	4.480	4.93
		ANT1	4.500	5.00
High	1992.50	ANT0	4.480	4.93
		ANT1	4.503	5.13

Slot 0 (Band 25), 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	9.234	9.88
		ANT1	9.252	9.85
Mid	1962.50	ANT0	9.306	9.91
		ANT1	9.320	9.93
High	1990.00	ANT0	9.296	9.89
		ANT1	9.316	9.93

Slot 0 (Band 25), 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	14.205	15.11
		ANT1	14.207	15.20
Mid	1962.50	ANT0	14.138	15.22
		ANT1	14.173	15.22
High	1987.50	ANT0	14.120	15.16
		ANT1	14.159	15.22

Slot 0 (Band 25), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM (5G NR)

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	18.982	20.10
		ANT1	19.004	20.18
Mid	1962.50	ANT0	18.917	20.06
		ANT1	18.941	20.18
High	1985.00	ANT0	18.895	20.10
		ANT1	18.935	20.22

Slot 0 (Band 25), 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	4.480	4.90
		ANT1	4.507	4.93
Mid	1962.50	ANT0	4.480	4.95
		ANT1	4.500	4.96
High	1992.50	ANT0	4.480	4.93
		ANT1	4.503	5.00

Slot 0 (Band 25), 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	9.300	10.00
		ANT1	9.321	10.03
Mid	1962.50	ANT0	9.306	10.05
		ANT1	9.320	10.05
High	1990.00	ANT0	9.296	10.01
		ANT1	9.316	10.17

Slot 0 (Band 25), 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	14.130	15.24
		ANT1	14.163	15.18
Mid	1962.50	ANT0	14.138	15.20
		ANT1	14.173	15.22
High	1987.50	ANT0	14.120	15.16
		ANT1	14.160	15.31

Slot 0 (Band 25), 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	18.900	20.30
		ANT1	18.927	20.26
Mid	1962.50	ANT0	18.917	20.22
		ANT1	18.941	20.22
High	1985.00	ANT0	18.895	20.22
		ANT1	18.935	20.18

Slot 0 (Band 25), 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	4.481	4.94
		ANT1	4.496	4.96
Mid	1962.50	ANT0	4.479	4.95
		ANT1	4.494	4.96
High	1992.50	ANT0	4.480	4.95
		ANT1	4.497	4.99

Slot 0 (Band 25), 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	9.290	10.02
		ANT1	9.308	10.08
Mid	1962.50	ANT0	9.304	10.05
		ANT1	9.319	10.09
High	1990.00	ANT0	9.294	10.03
		ANT1	9.316	10.07

Slot 0 (Band 25), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM (5G NR)

Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1937.50	ANT0	14.138	15.20
		ANT1	14.147	15.05
Mid	1962.50	ANT0	14.135	15.26
		ANT1	14.162	15.26
High	1987.50	ANT0	14.117	15.22
		ANT1	14.150	15.22

Slot 0 (Band 25), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM (5G NR)

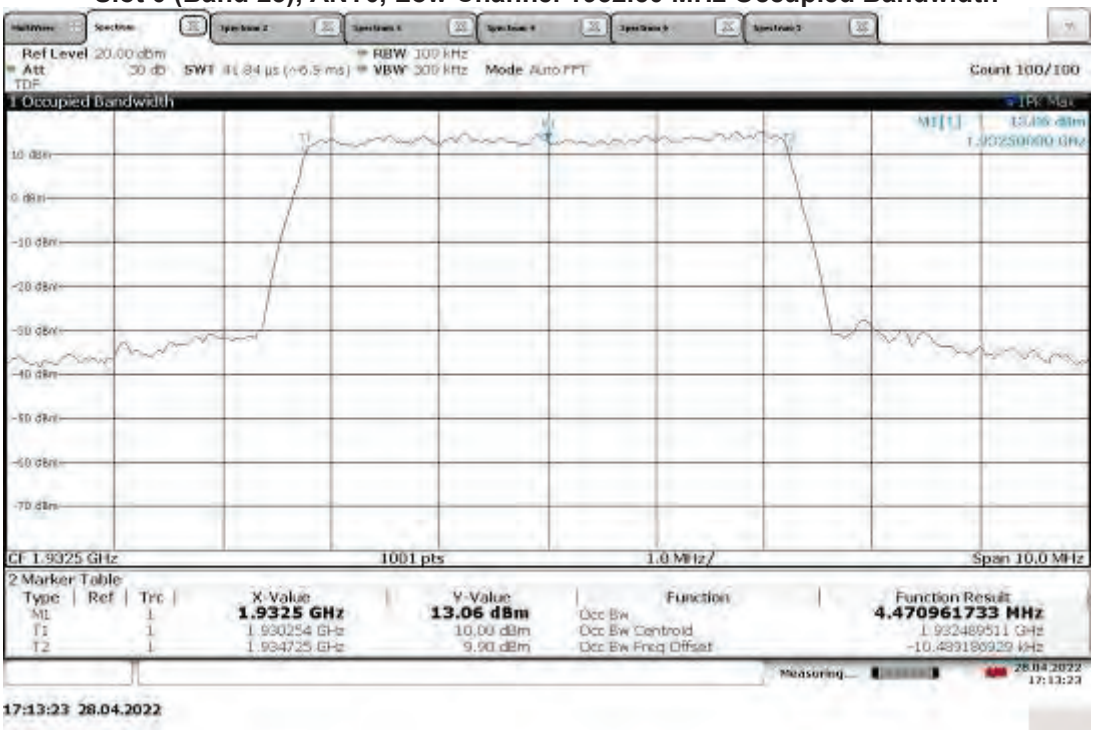
Channel	Frequency (MHz)	Antenna Port	Occupied BW (MHz)	26 dB BW (MHz)
Low	1940.00	ANT0	18.921	20.30
		ANT1	18.938	20.42
Mid	1962.50	ANT0	18.944	20.34
		ANT1	18.947	20.38
High	1985.00	ANT0	18.926	20.30
		ANT1	18.953	20.38

8.4 Setup Photograph:

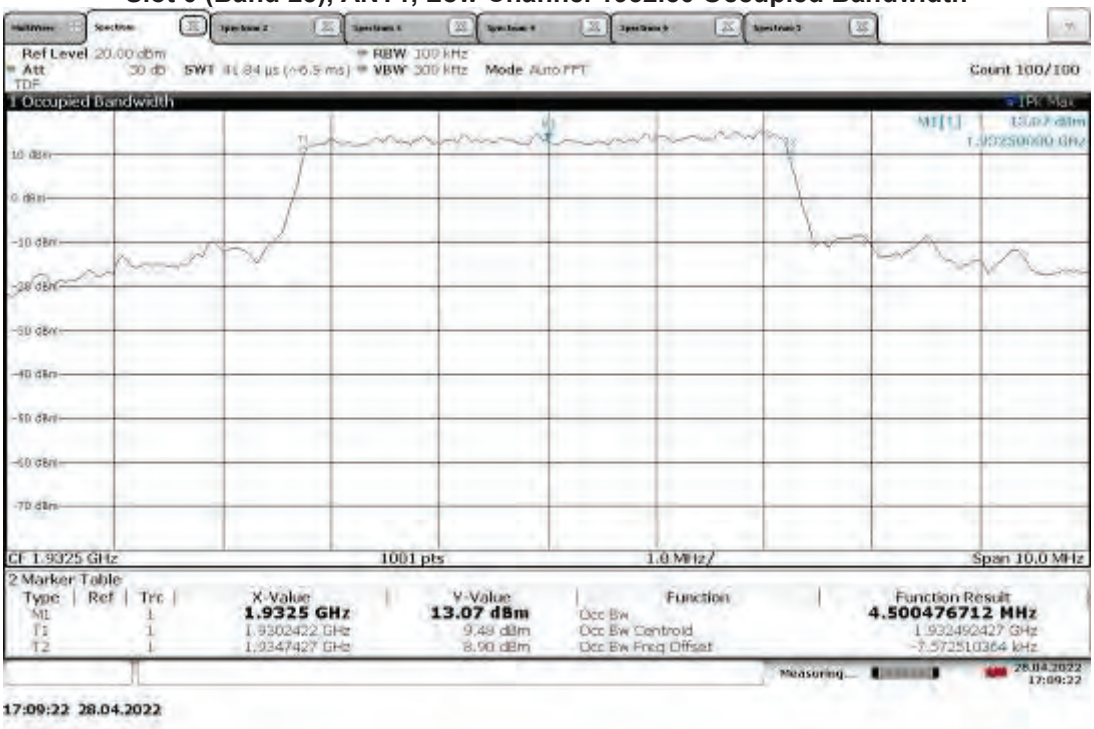
Confidential – Photos not included in this report

8.5 Plots/Data:

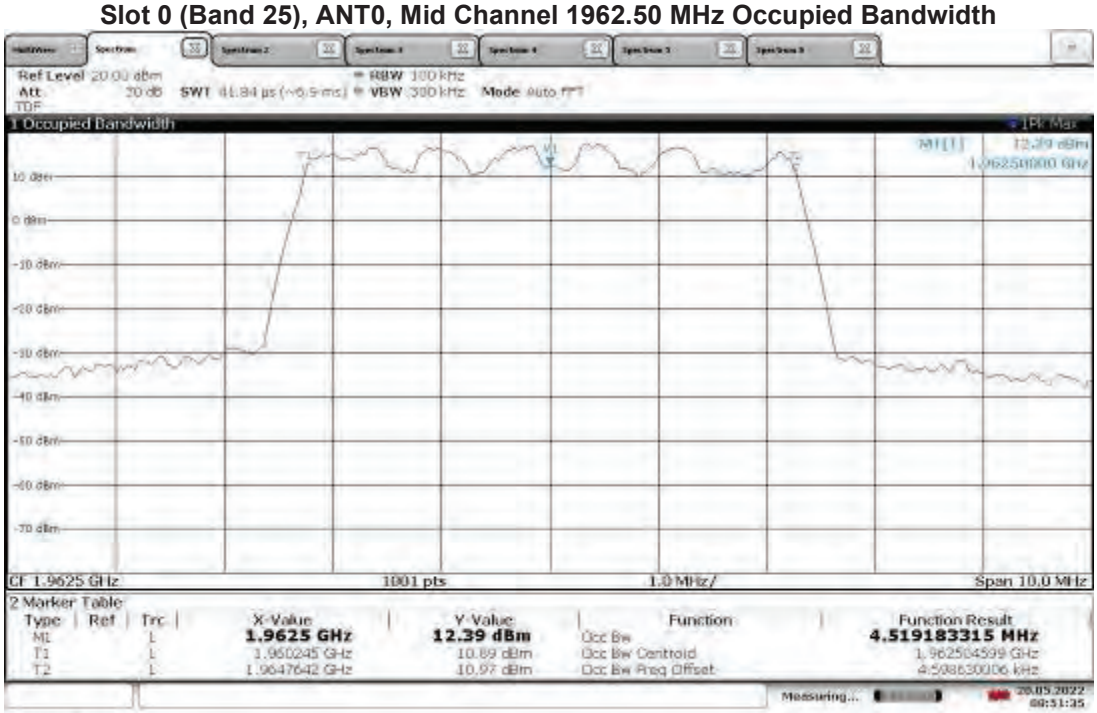
TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz Occupied Bandwidth



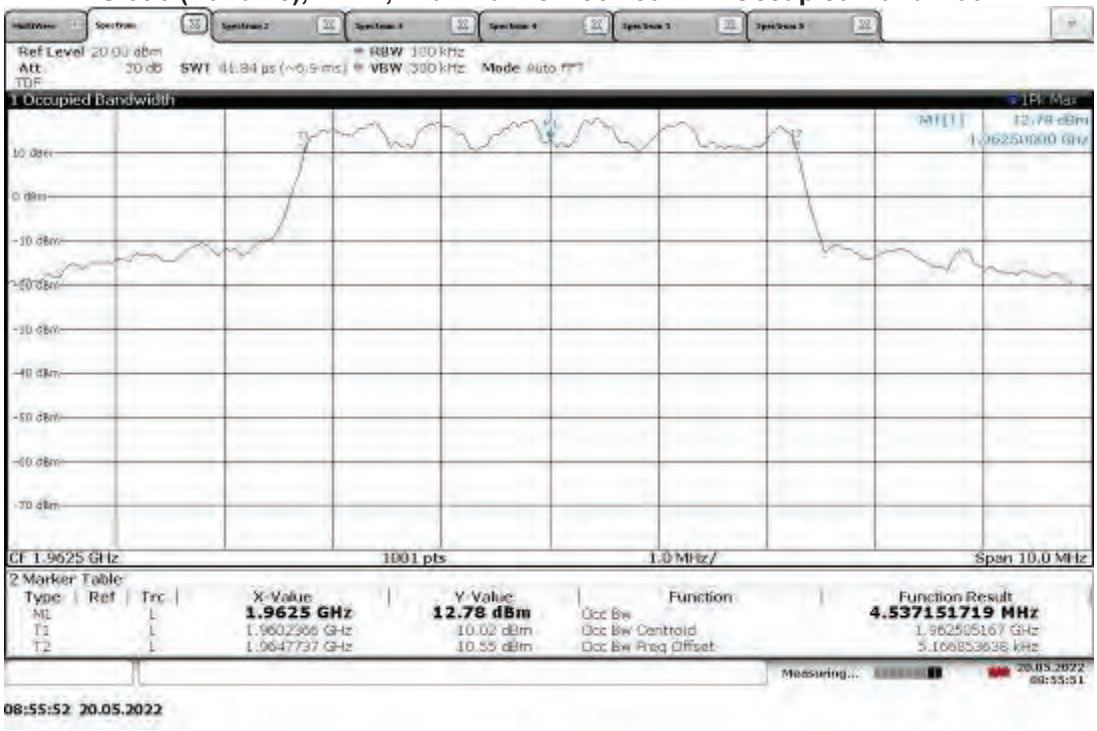
TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 Occupied Bandwidth



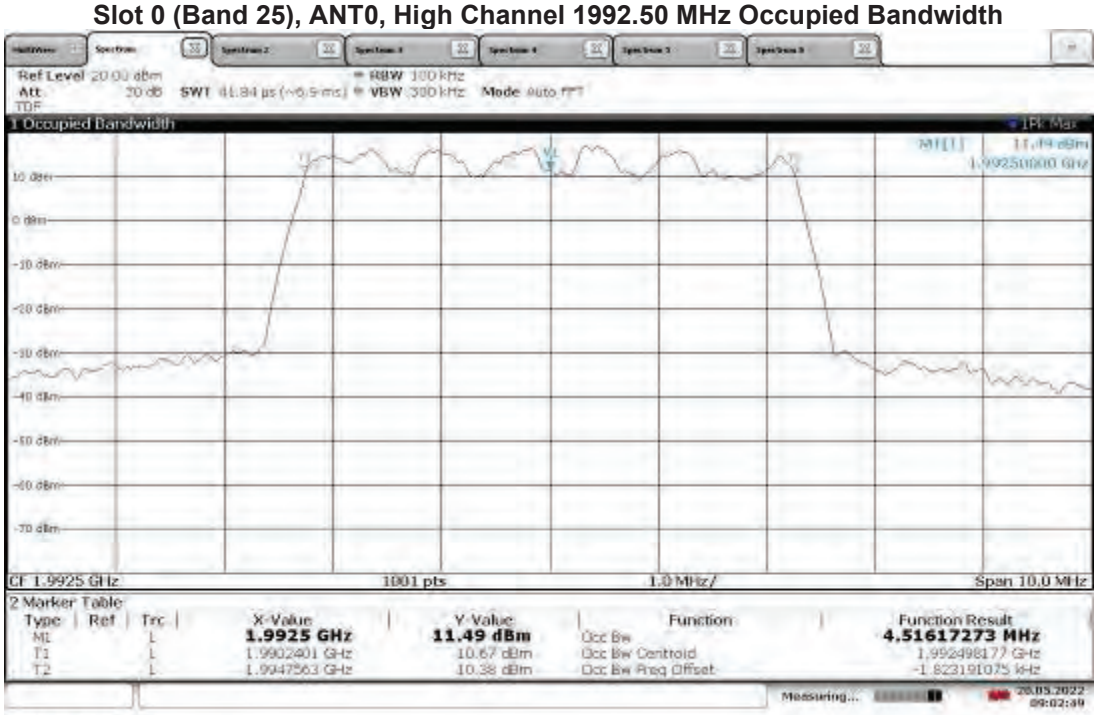
TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth

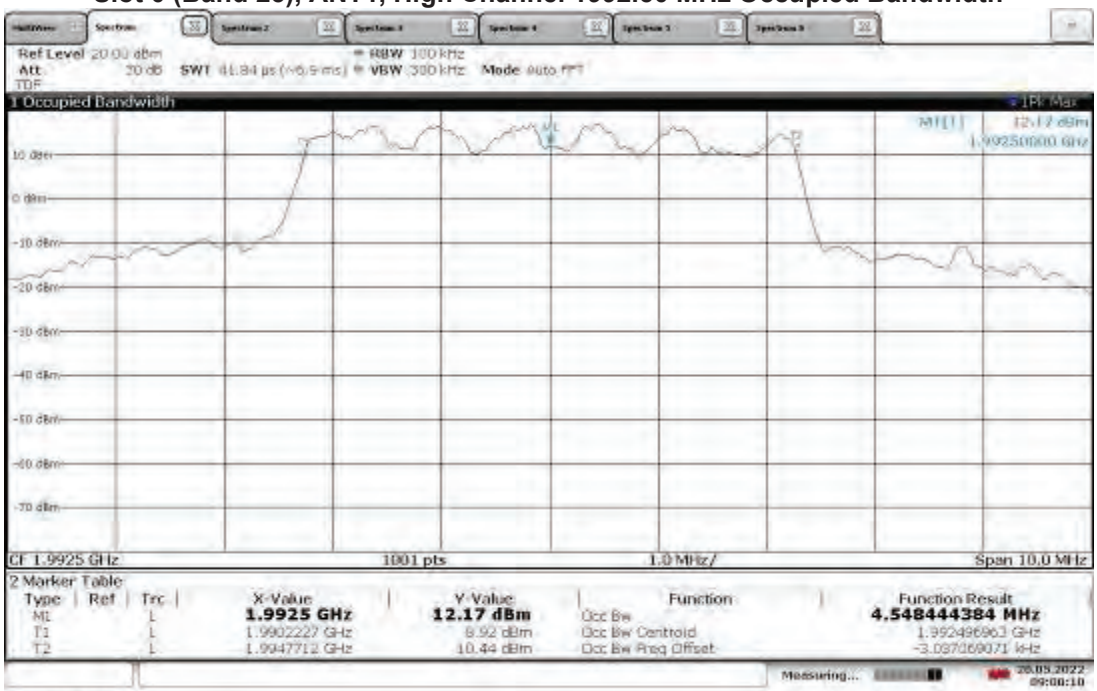


TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz Occupied Bandwidth



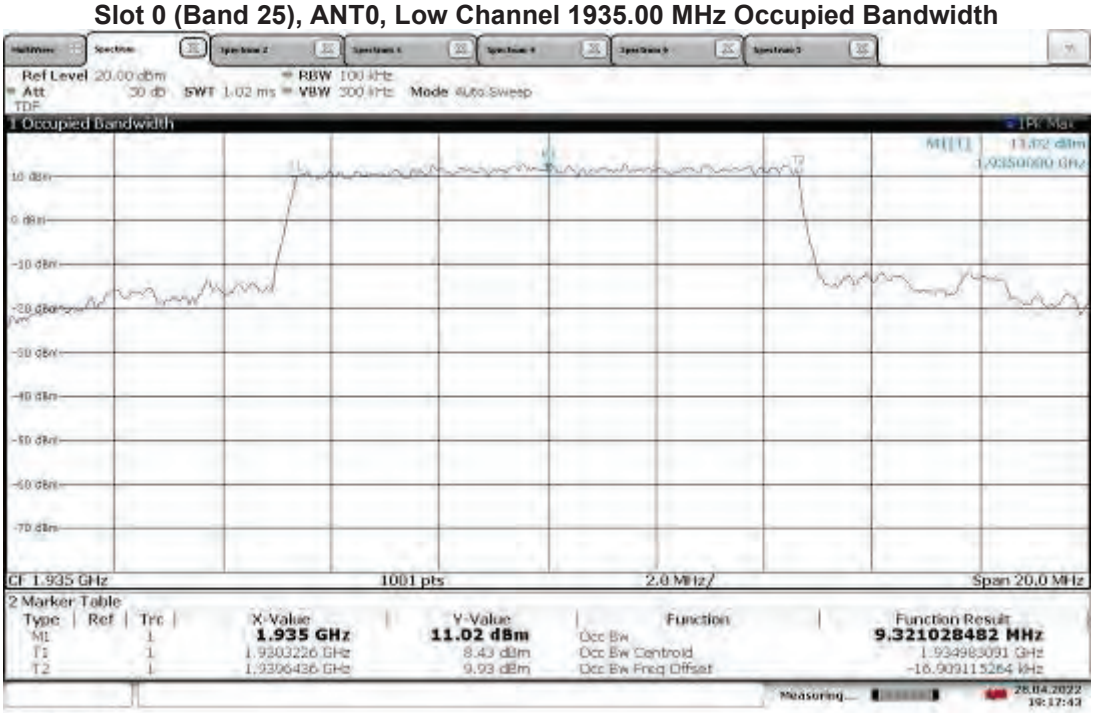
09:02:50 20.05.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz Occupied Bandwidth

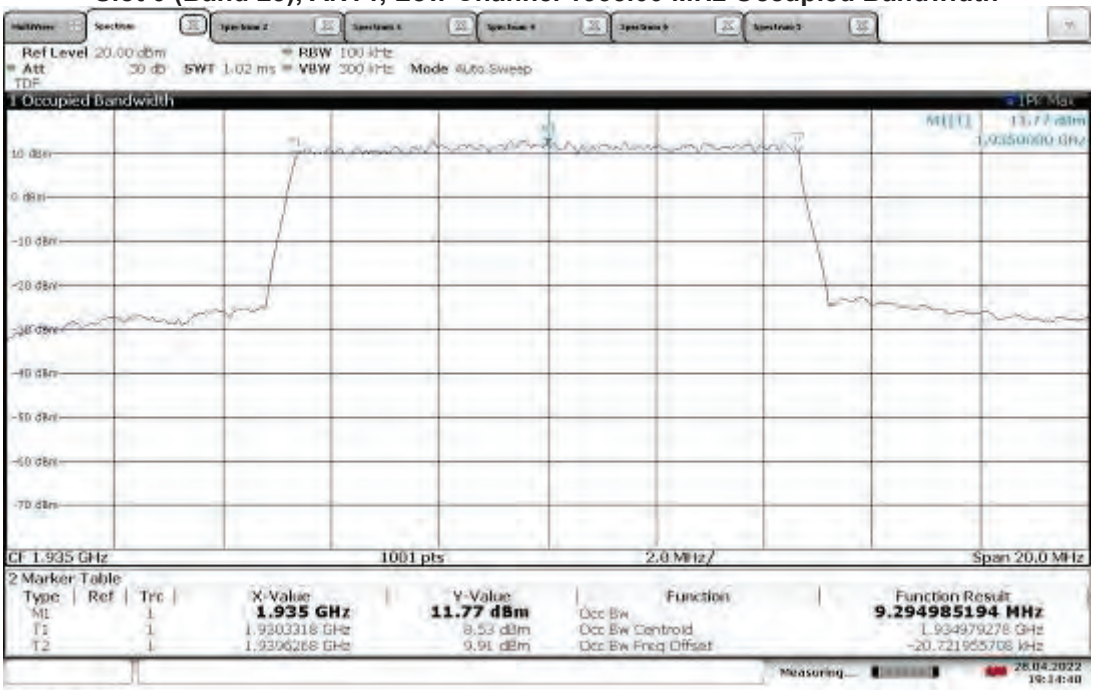


09:00:11 20.05.2022

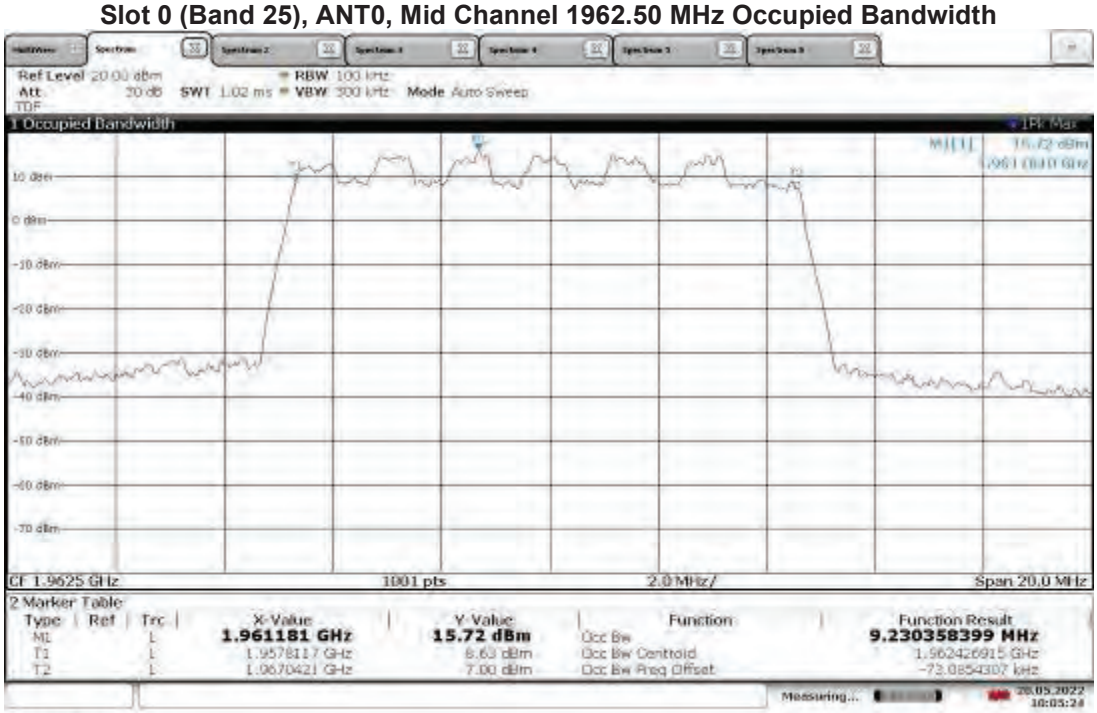
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz Occupied Bandwidth



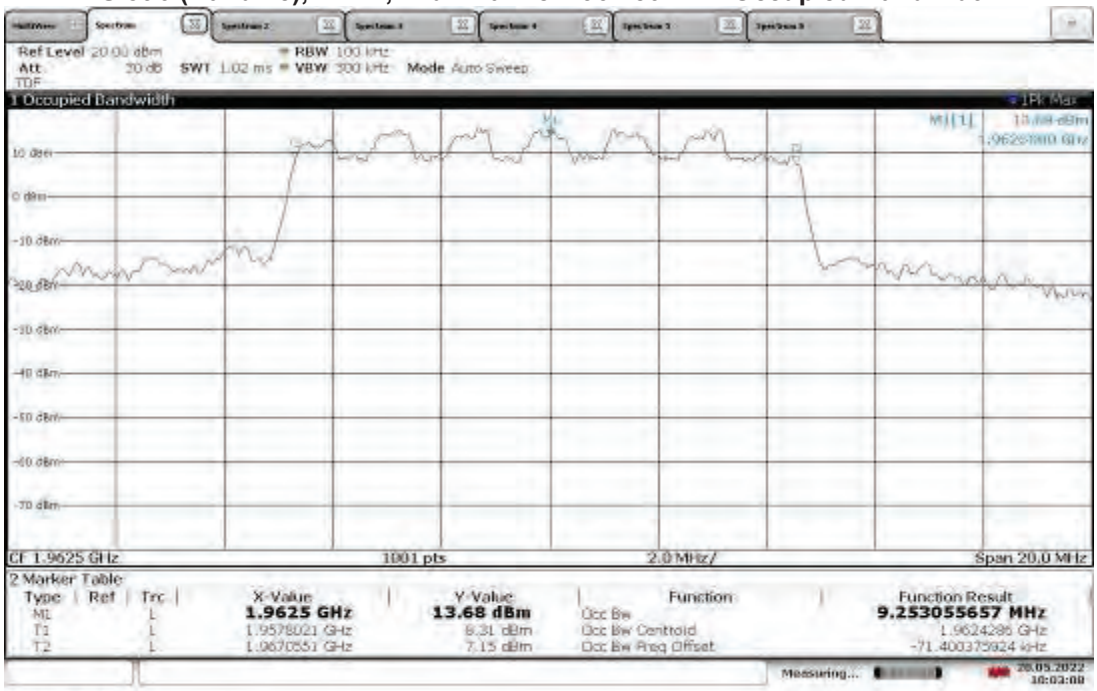
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz Occupied Bandwidth



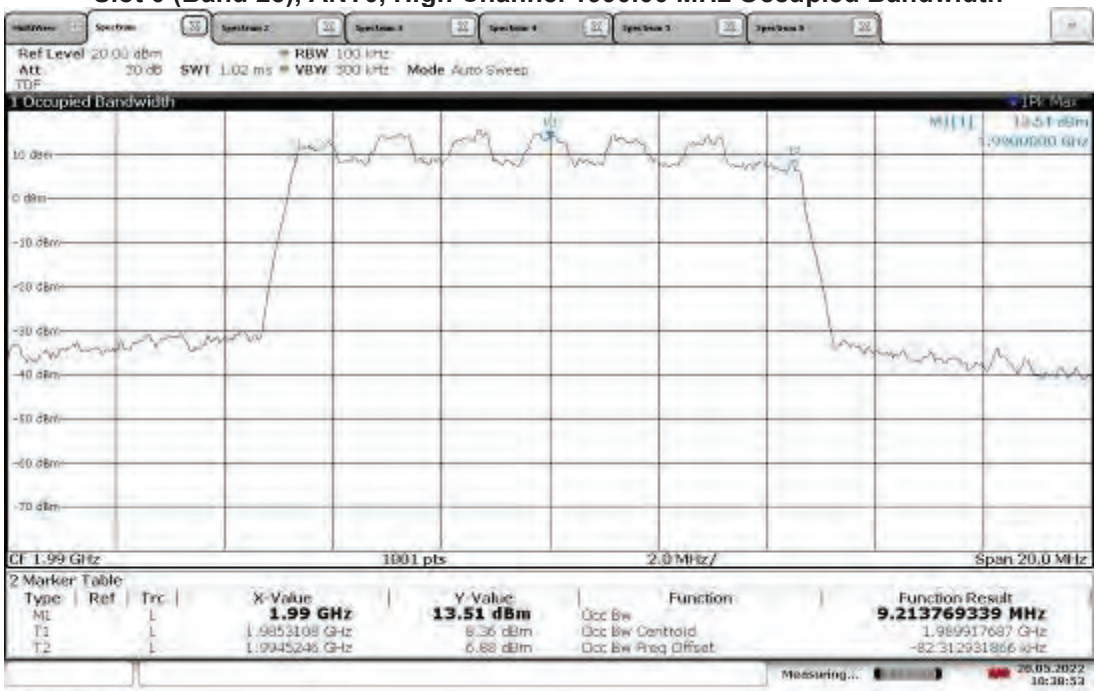
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz Occupied Bandwidth



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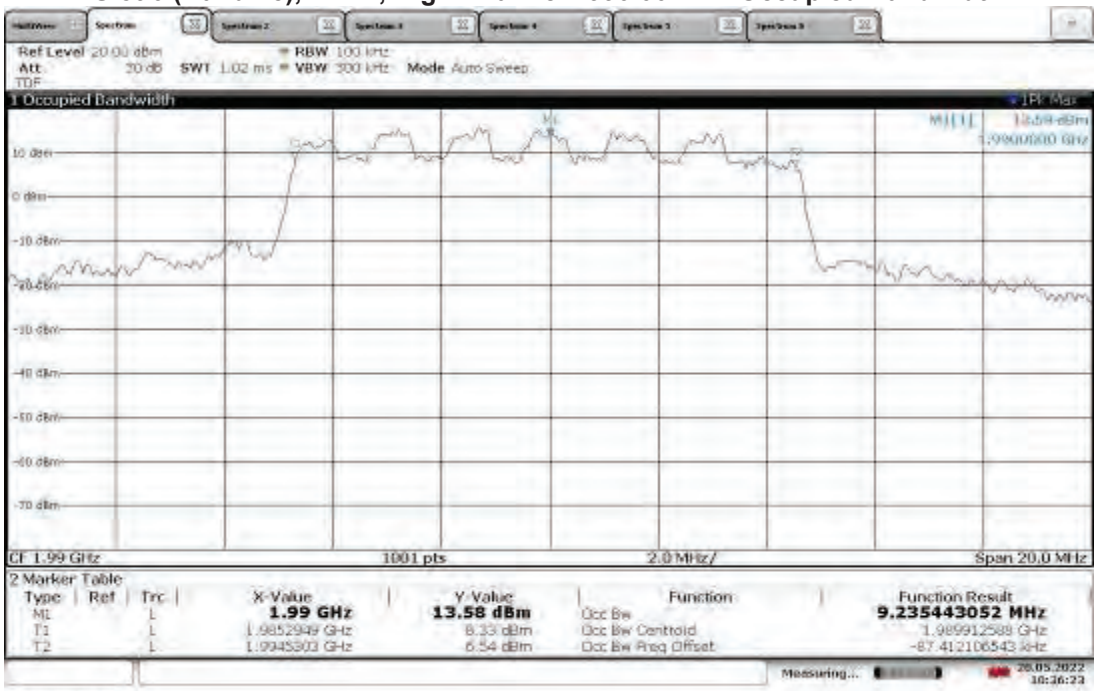
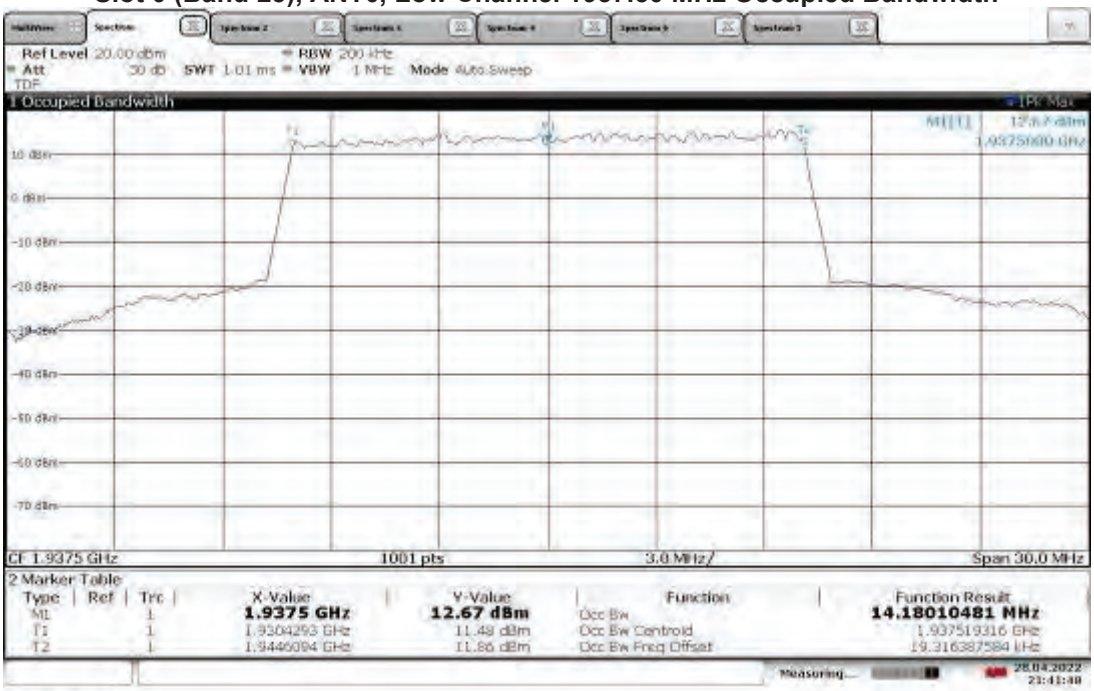
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz Occupied Bandwidth



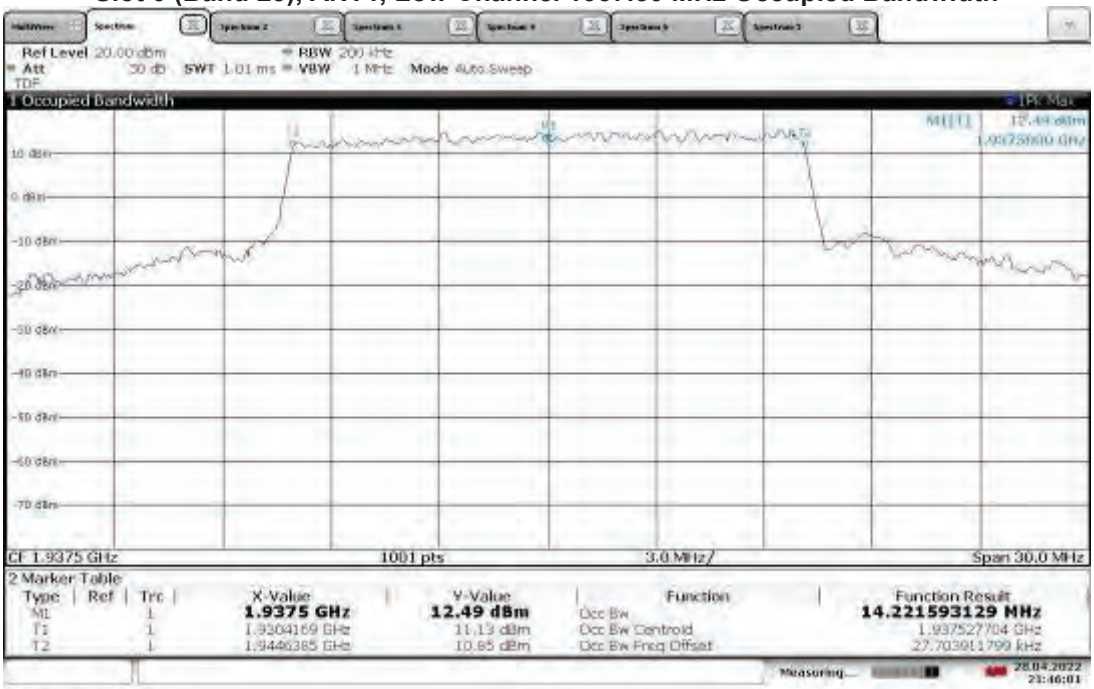
10:36:23 20.05.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz Occupied Bandwidth



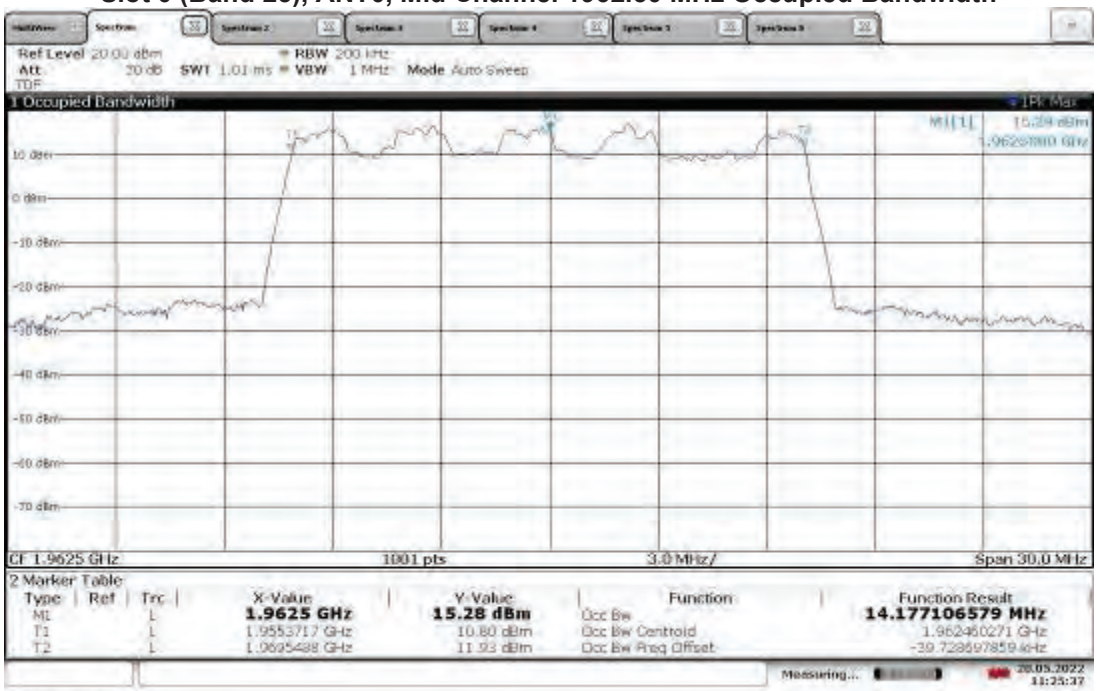
21:41:48 28.04.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz Occupied Bandwidth



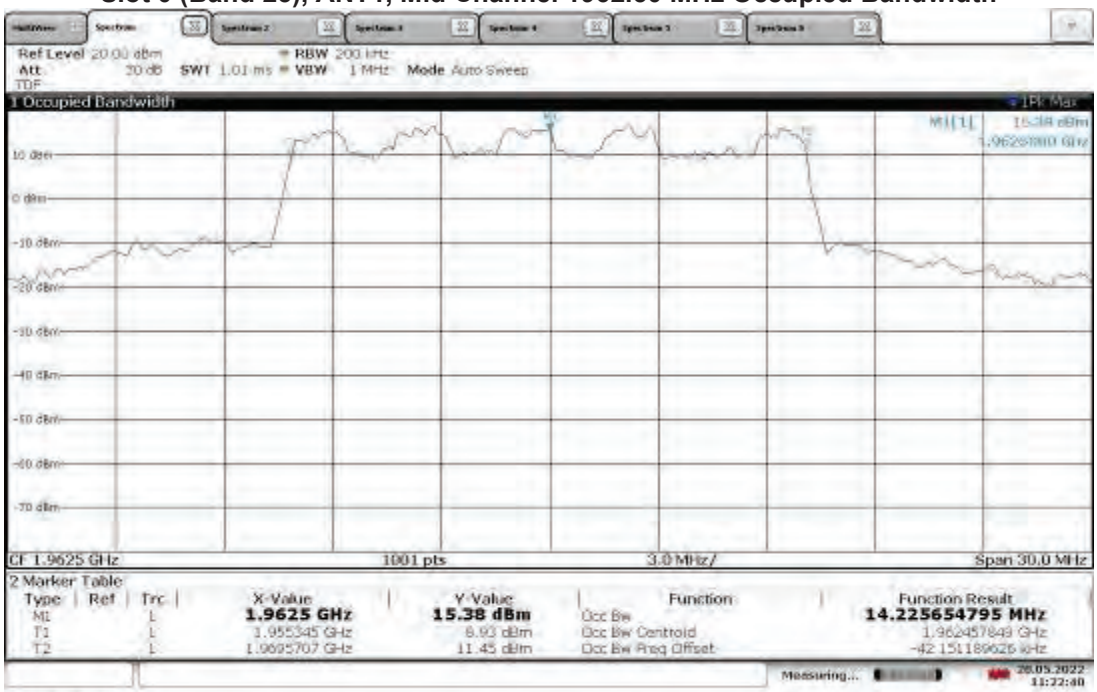
21:46:02 28.04.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



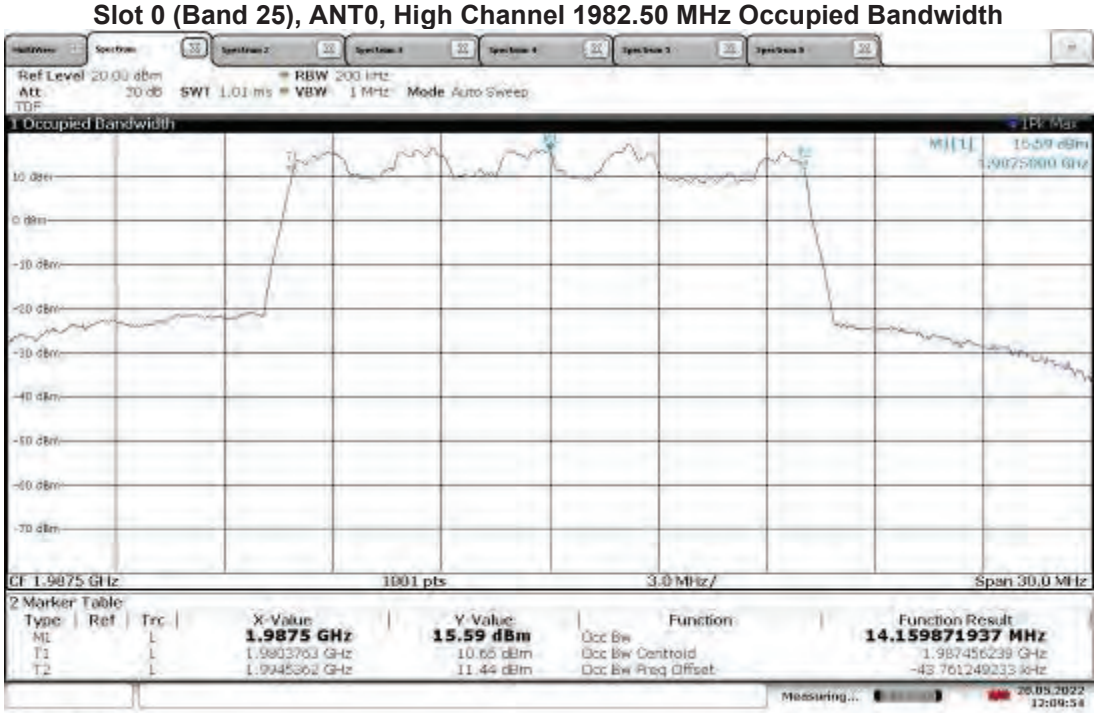
11:25:37 20.05.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



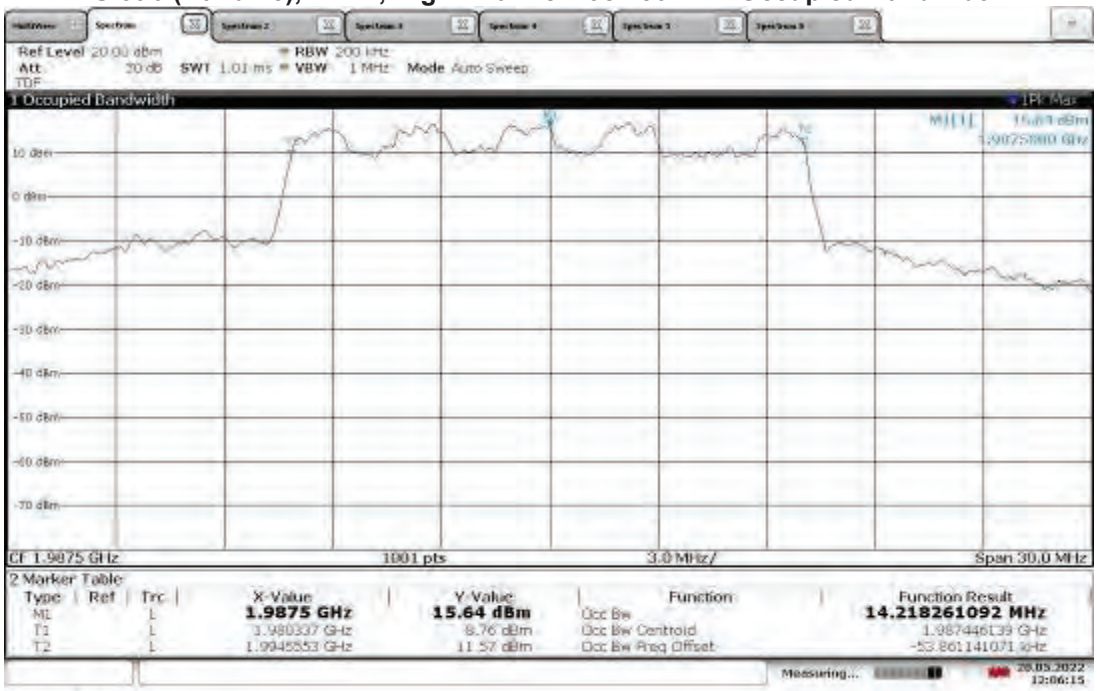
11:22:41 20.05.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1982.50 MHz Occupied Bandwidth



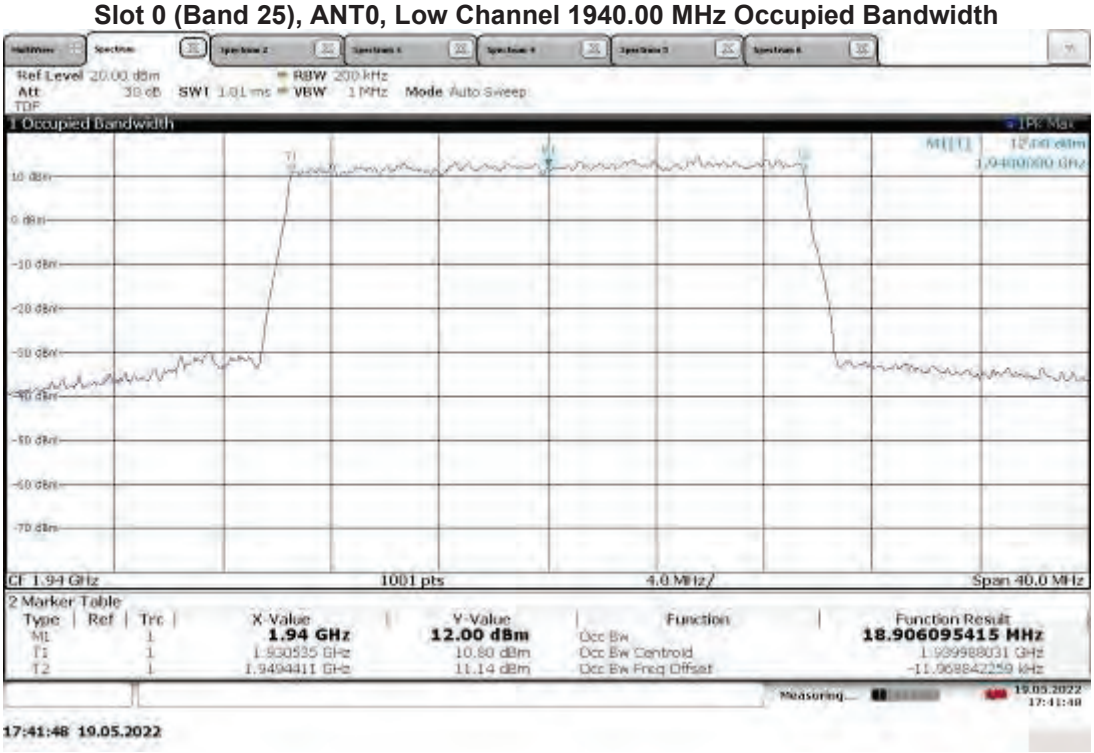
12:09:54 20.05.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz Occupied Bandwidth

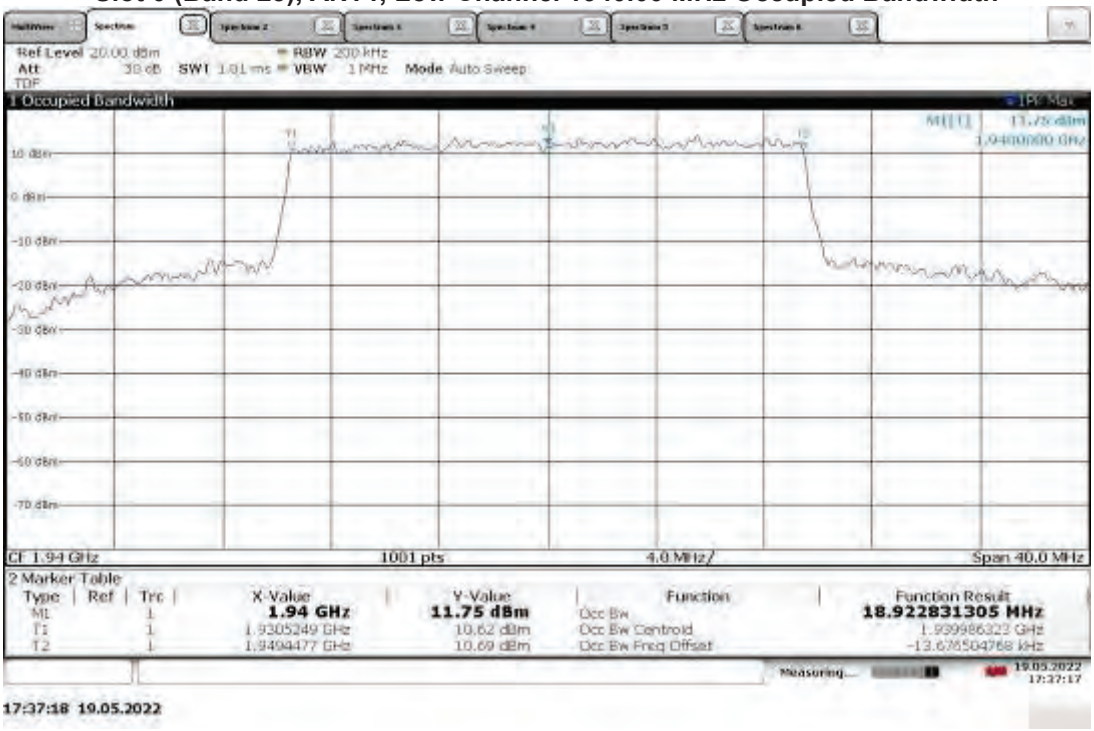


12:06:16 20.05.2022

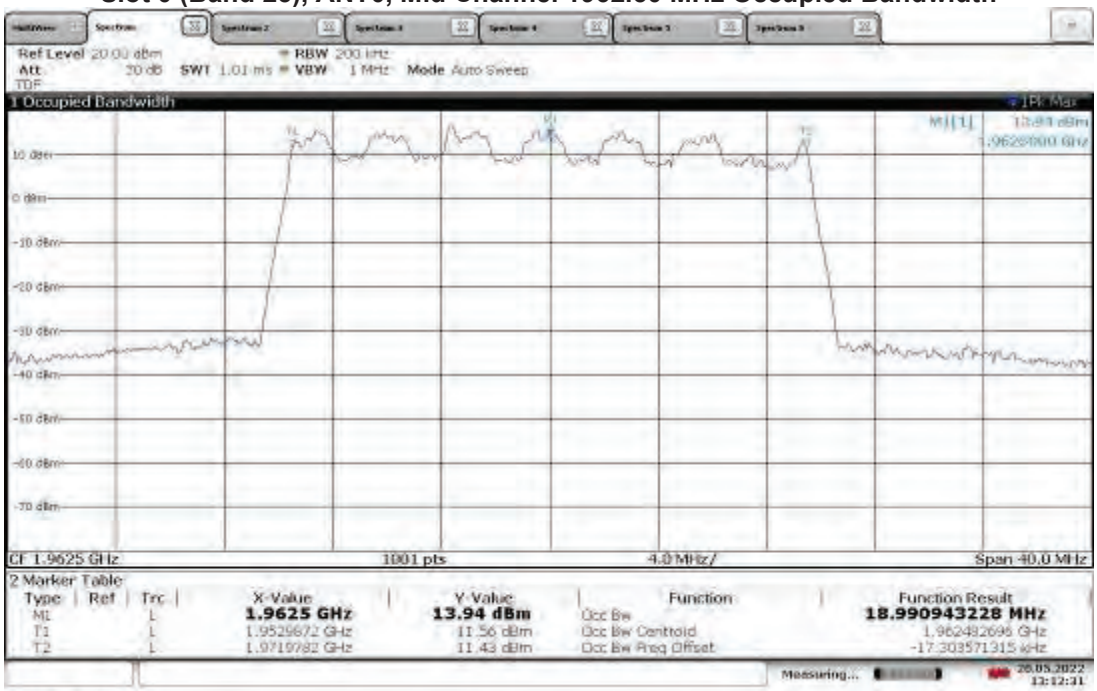
TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz Occupied Bandwidth



TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz Occupied Bandwidth

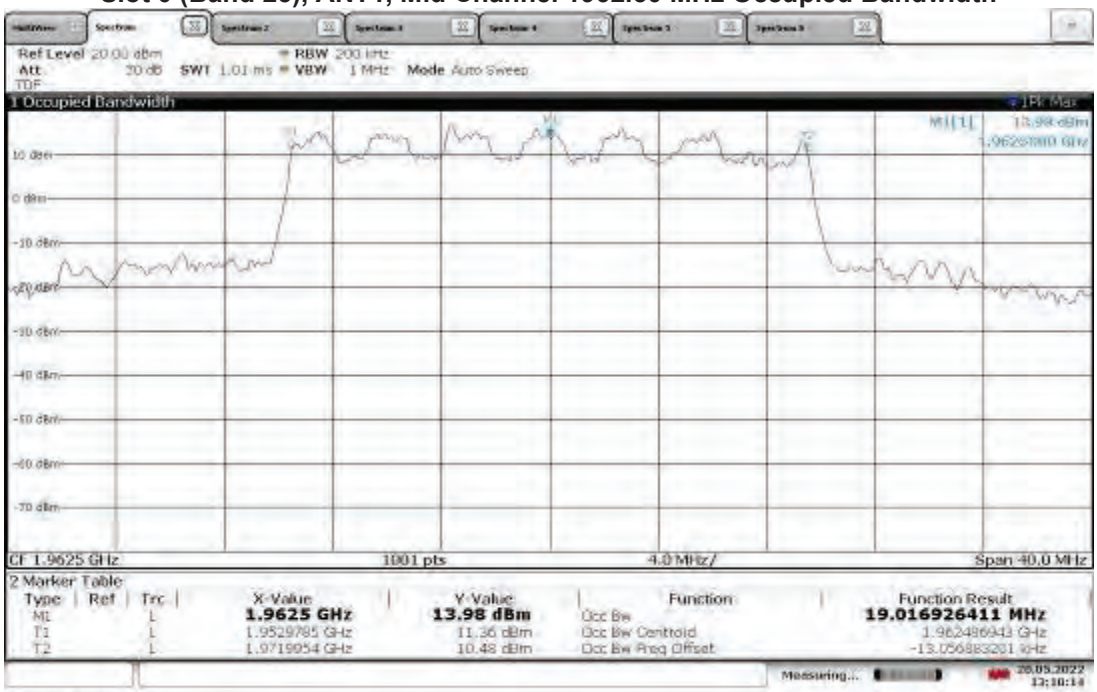


TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



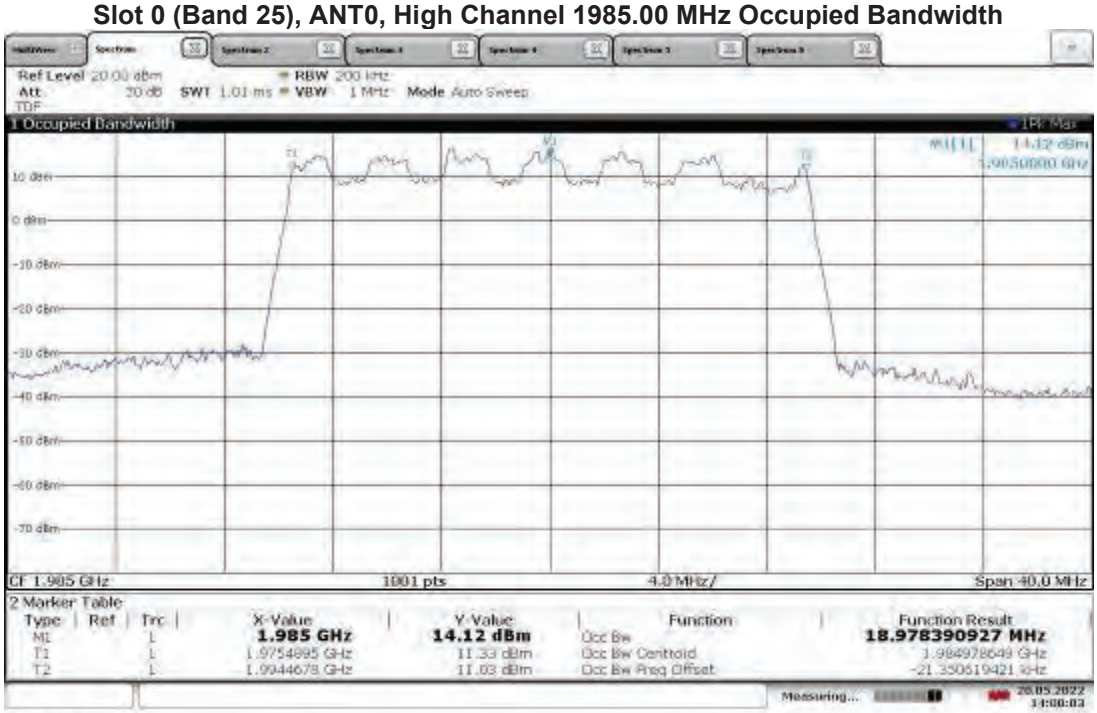
13:12:31 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



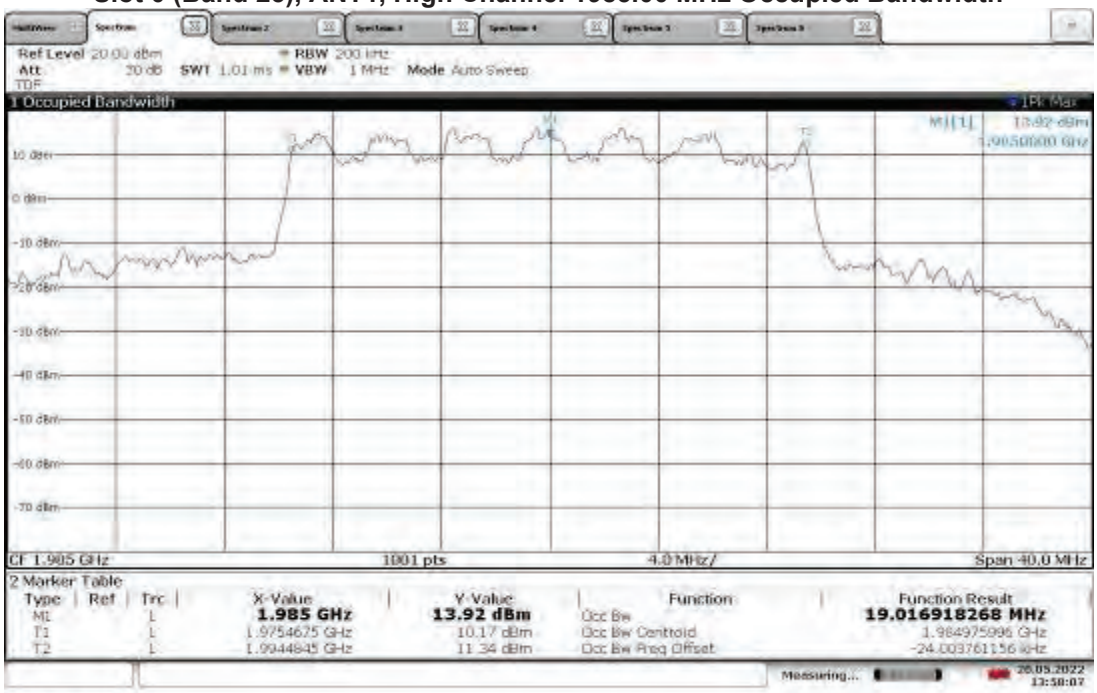
13:10:14 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz Occupied Bandwidth



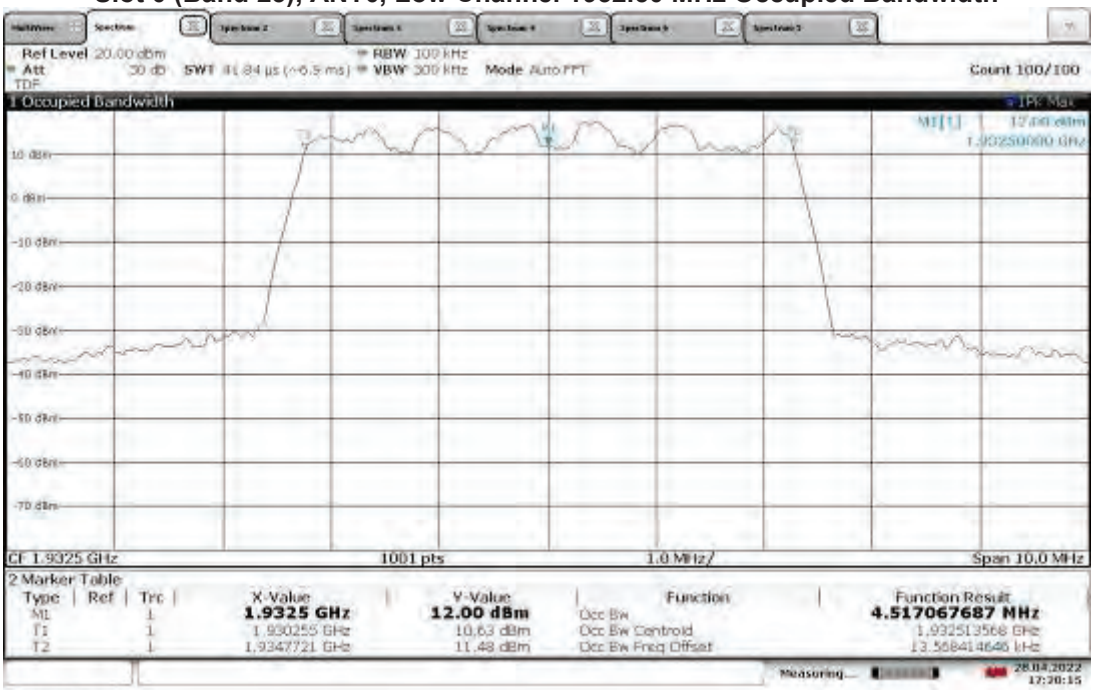
14:00:03 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz Occupied Bandwidth

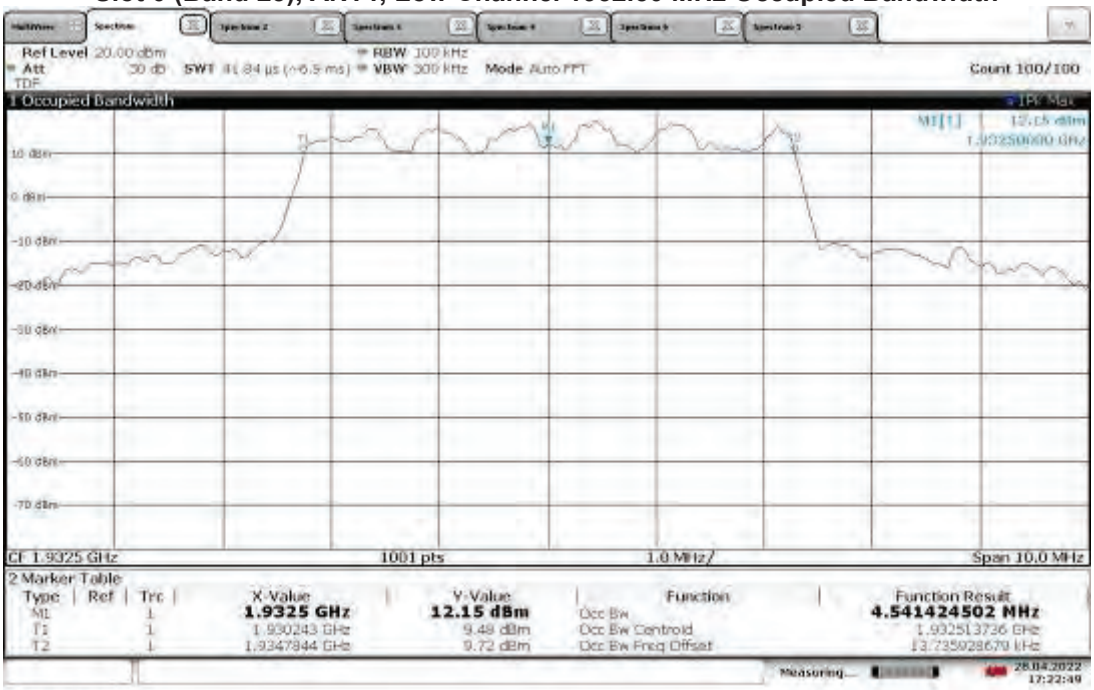


13:58:08 20.05.2022

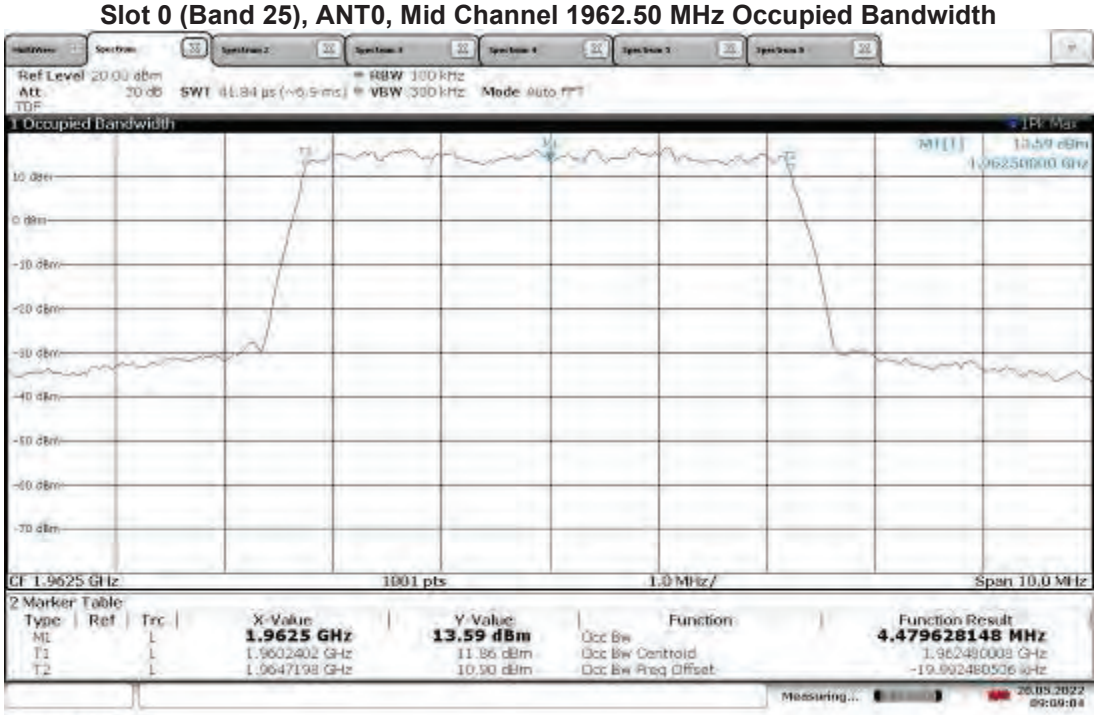
TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz Occupied Bandwidth



TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz Occupied Bandwidth

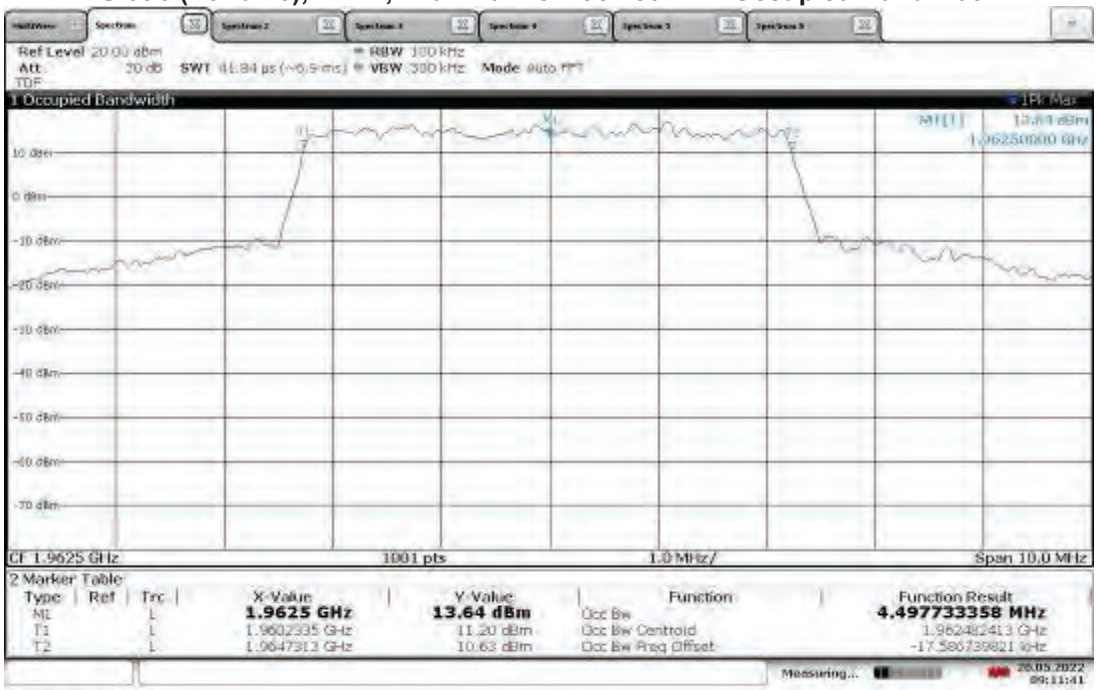


TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



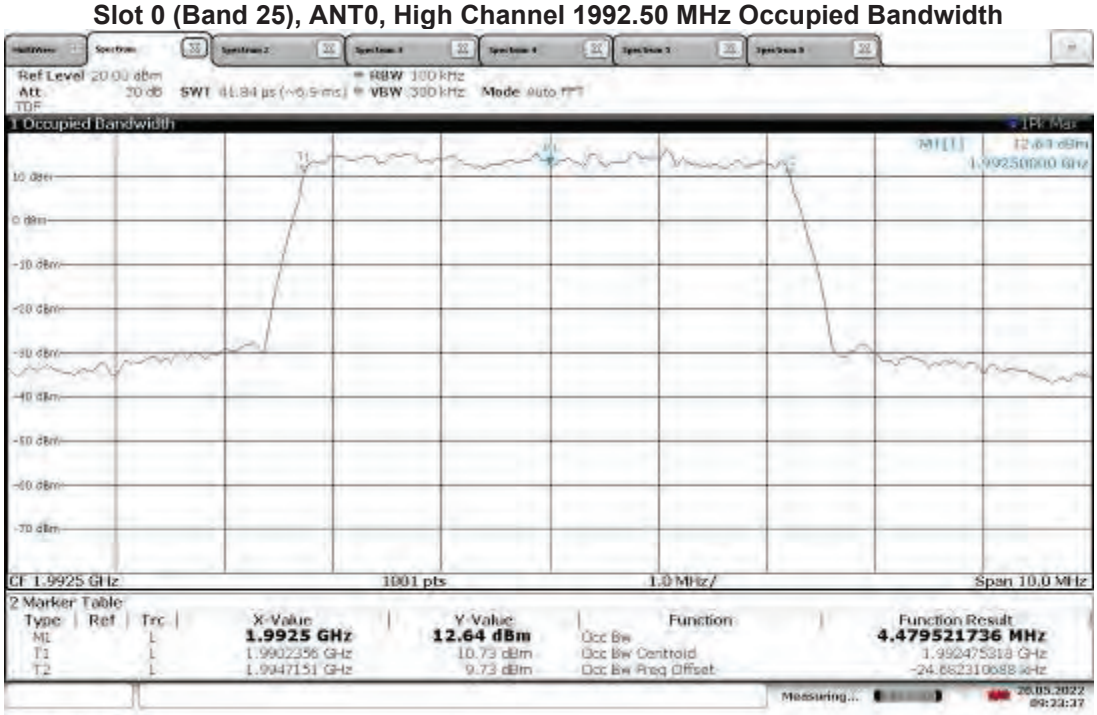
09:09:04 20.05.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



09:11:42 20.05.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz Occupied Bandwidth



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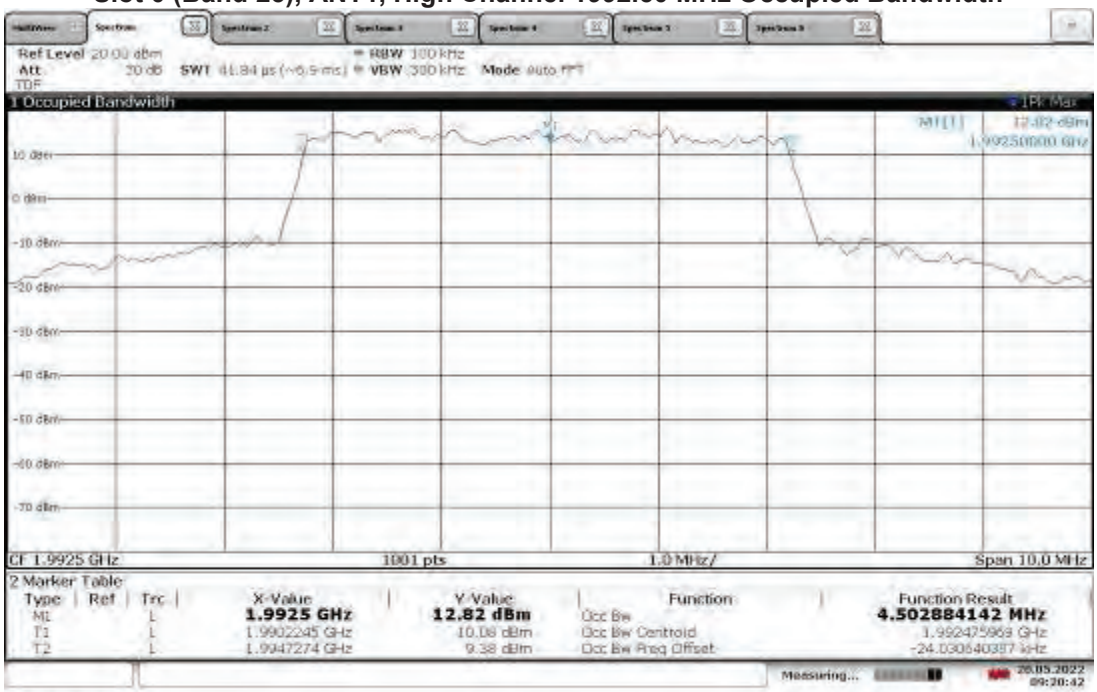
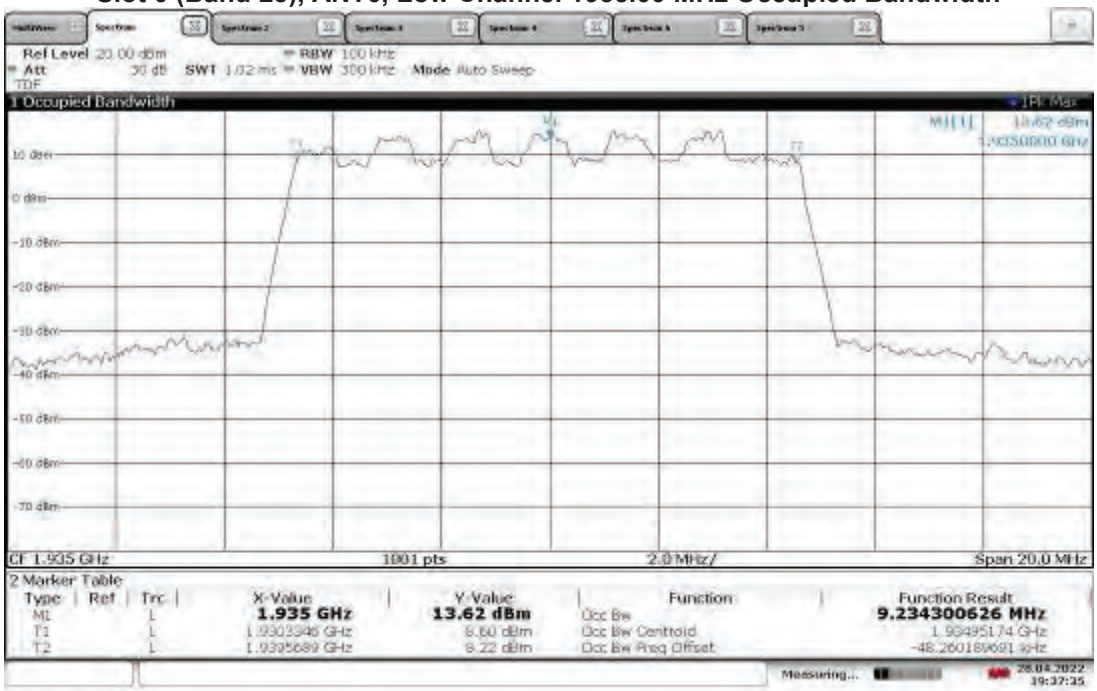
TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz Occupied Bandwidth



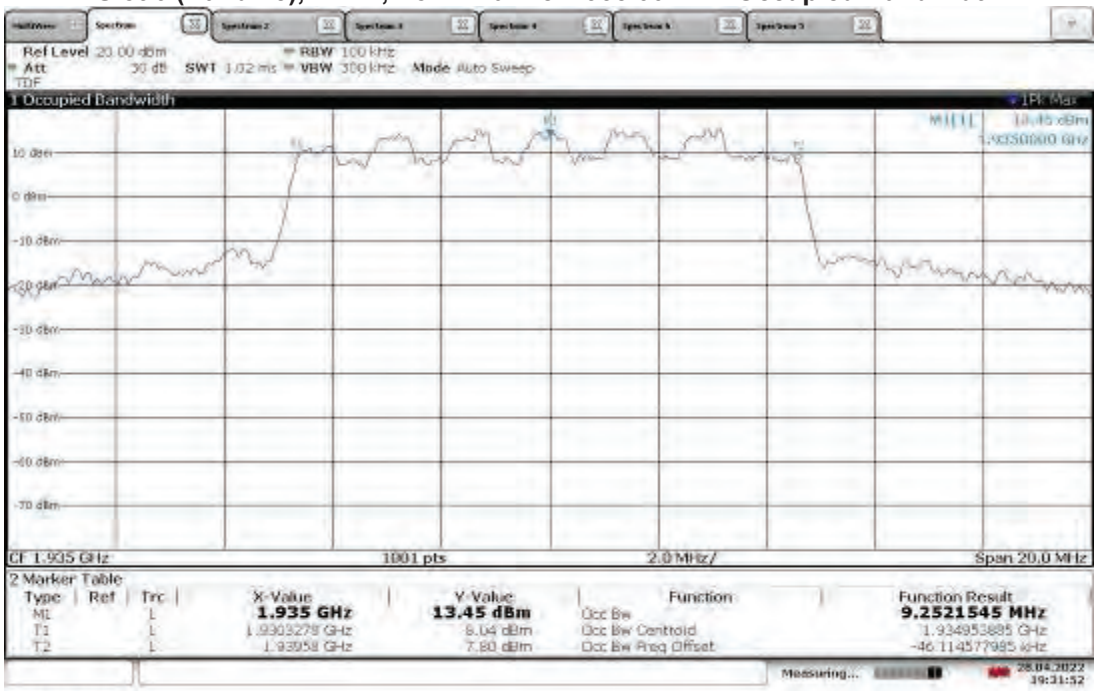
09:20:42 20.05.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz Occupied Bandwidth



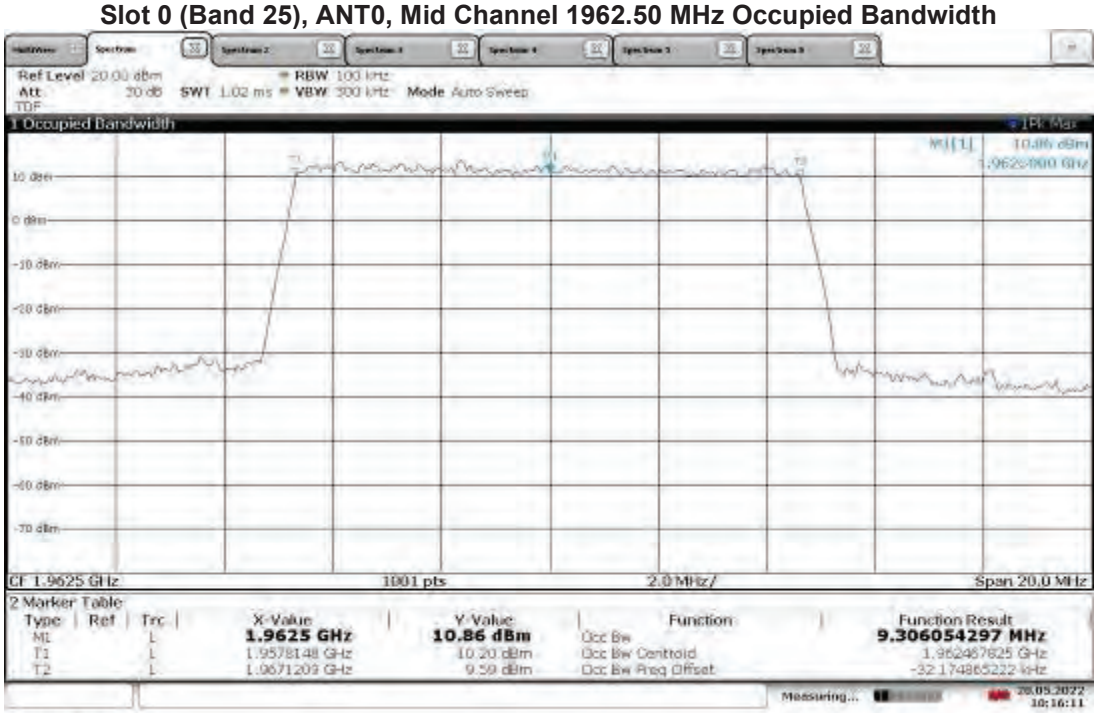
19:37:35 28.04.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz Occupied Bandwidth



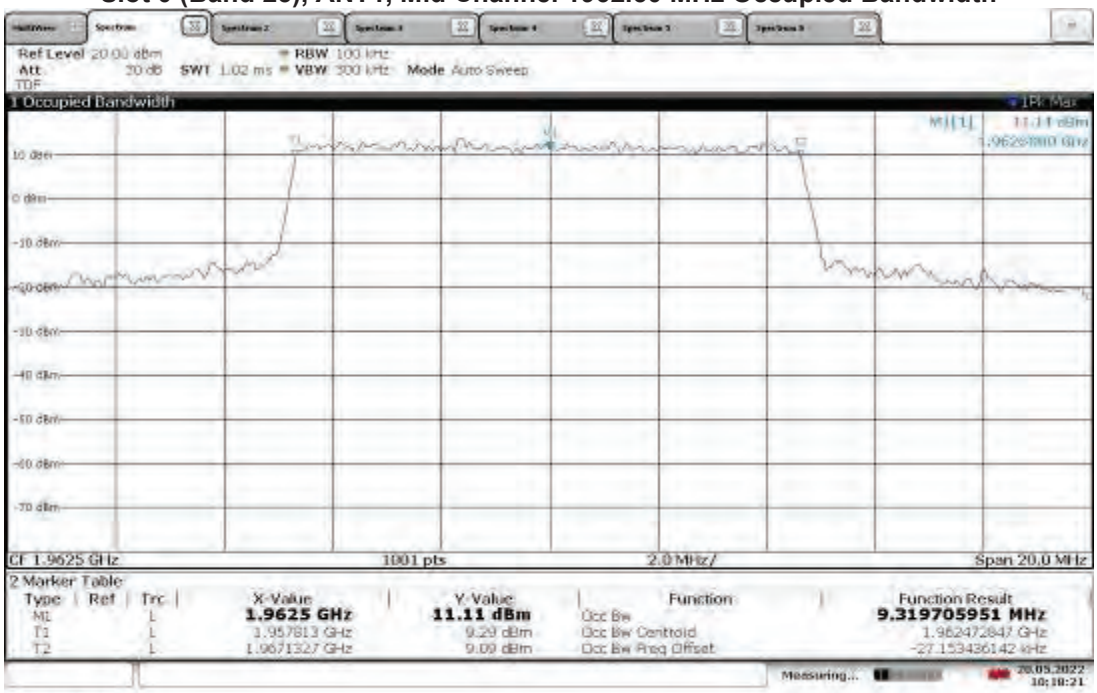
19:31:52 28.04.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



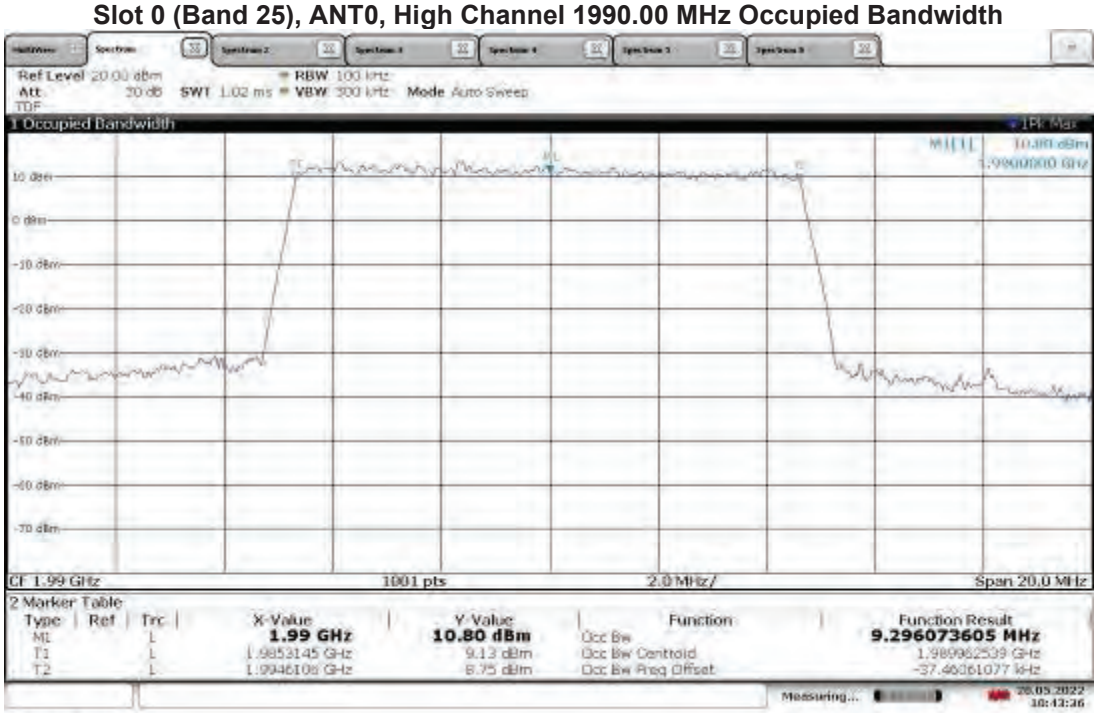
10:16:11 20.05.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



10:18:22 20.05.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz Occupied Bandwidth



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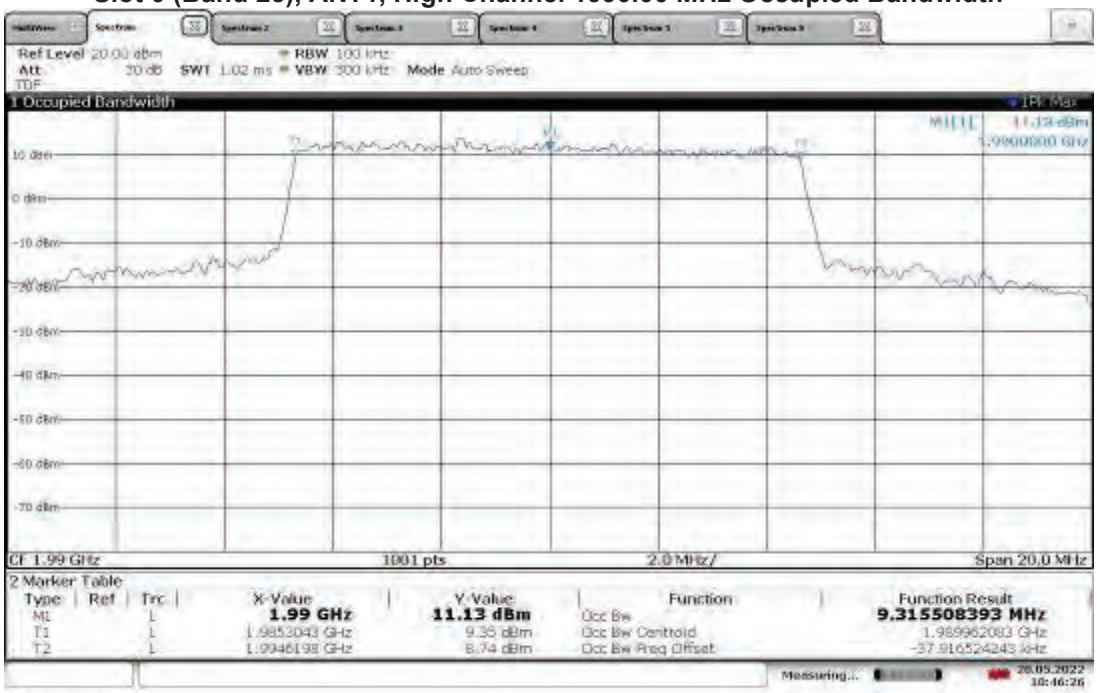
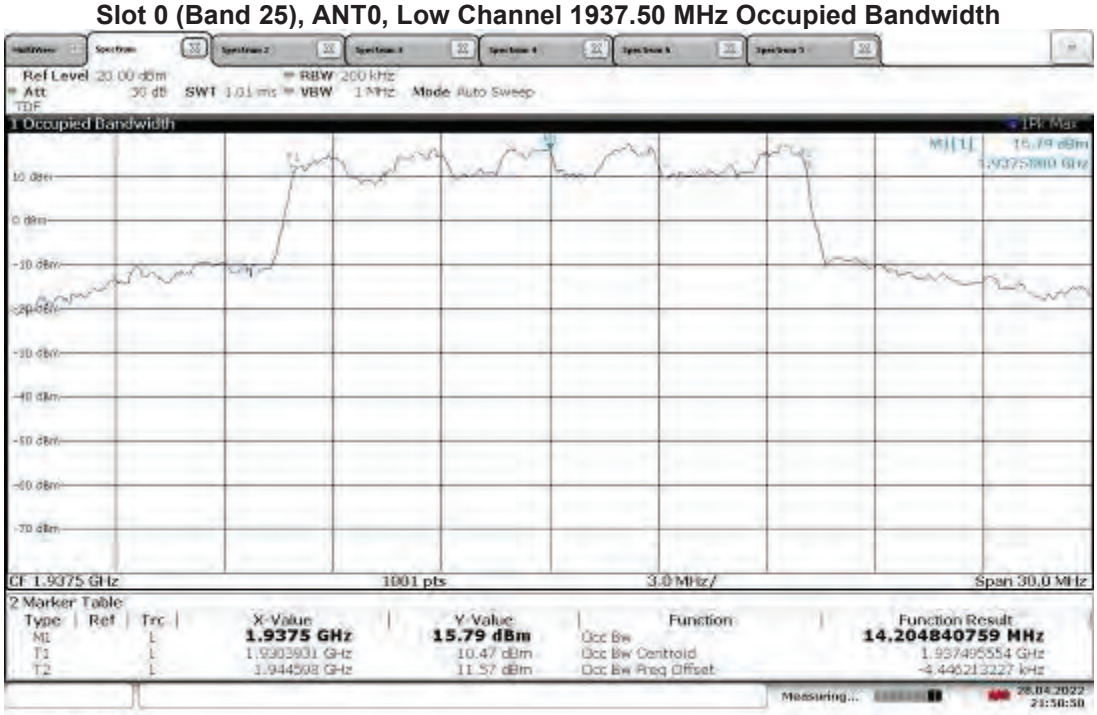
TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz Occupied Bandwidth



10:46:27 20.05.2022

TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz Occupied Bandwidth

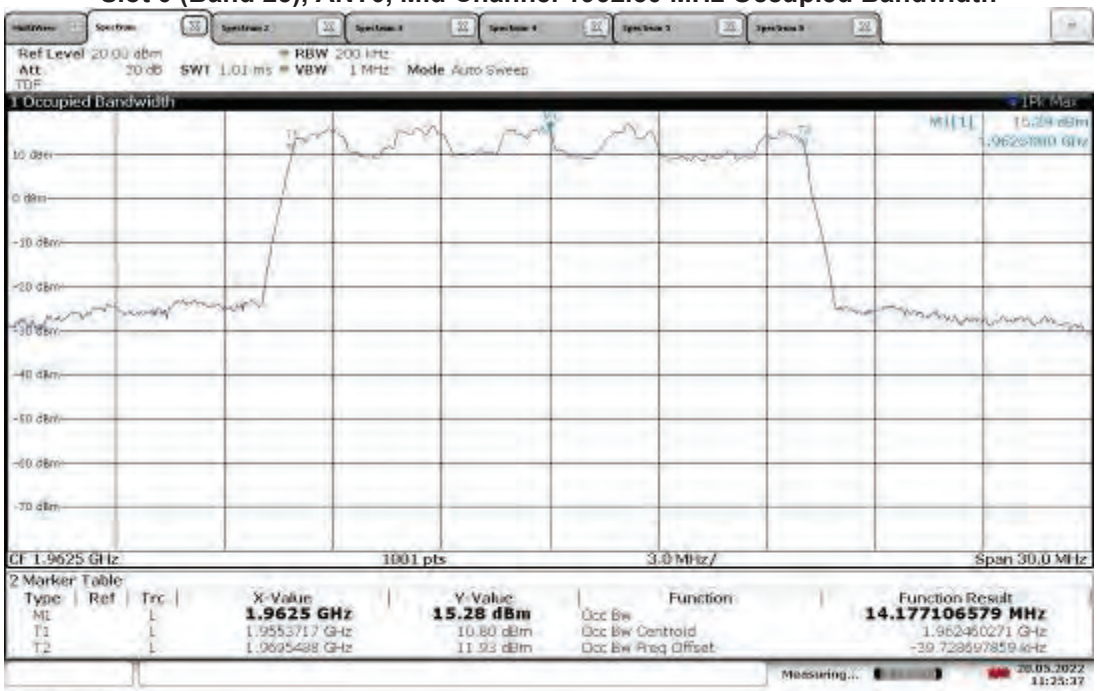


21:50:50 28.04.2022

TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz Occupied Bandwidth

21:54:53 28.04.2022

TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



11:25:37 20.05.2022

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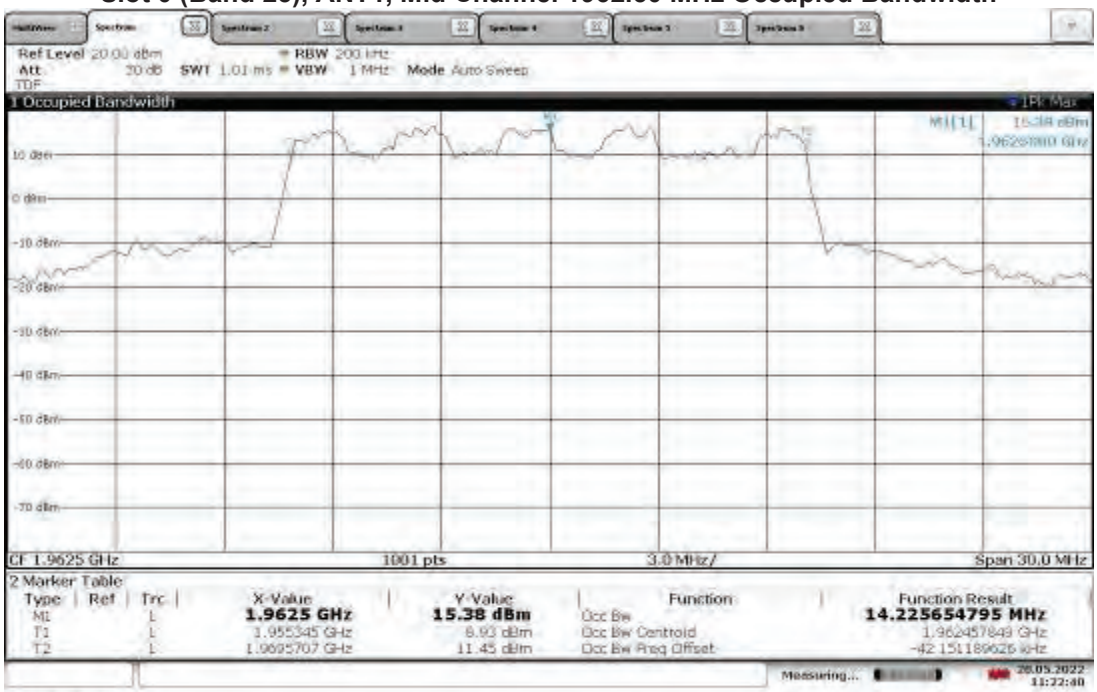
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



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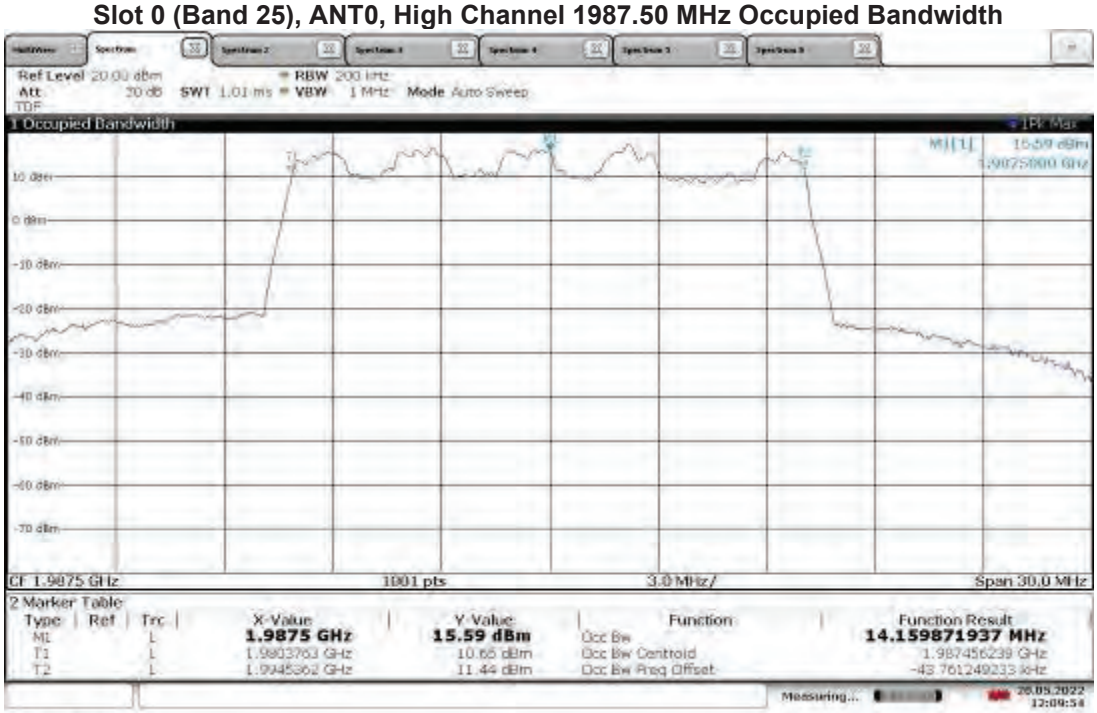
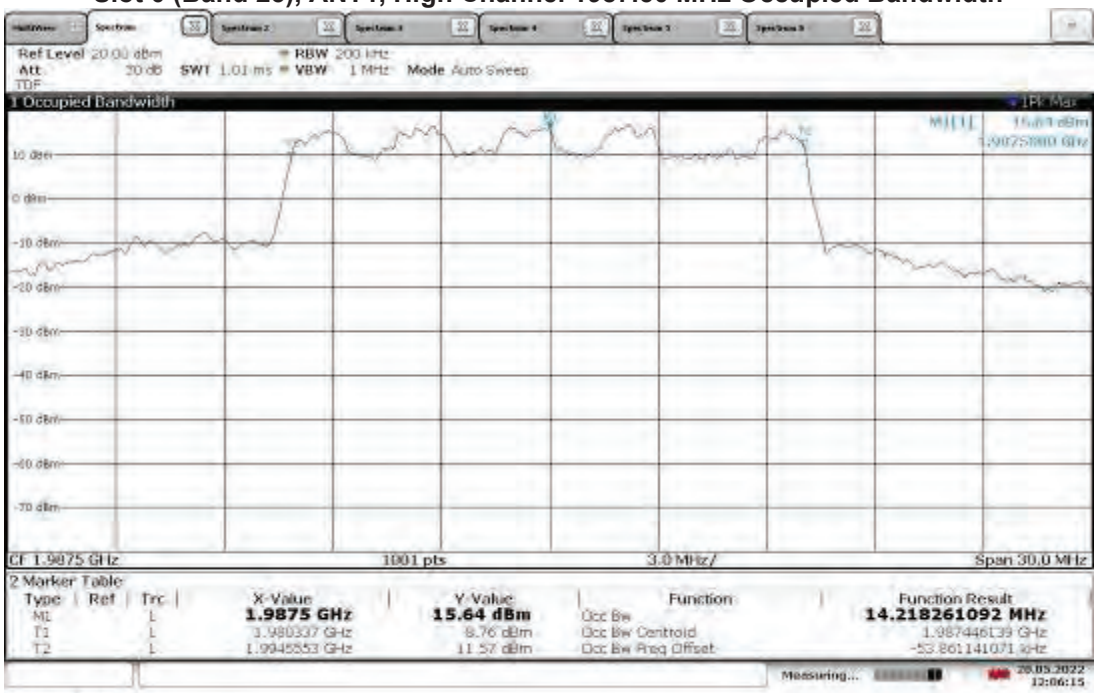
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz Occupied Bandwidth



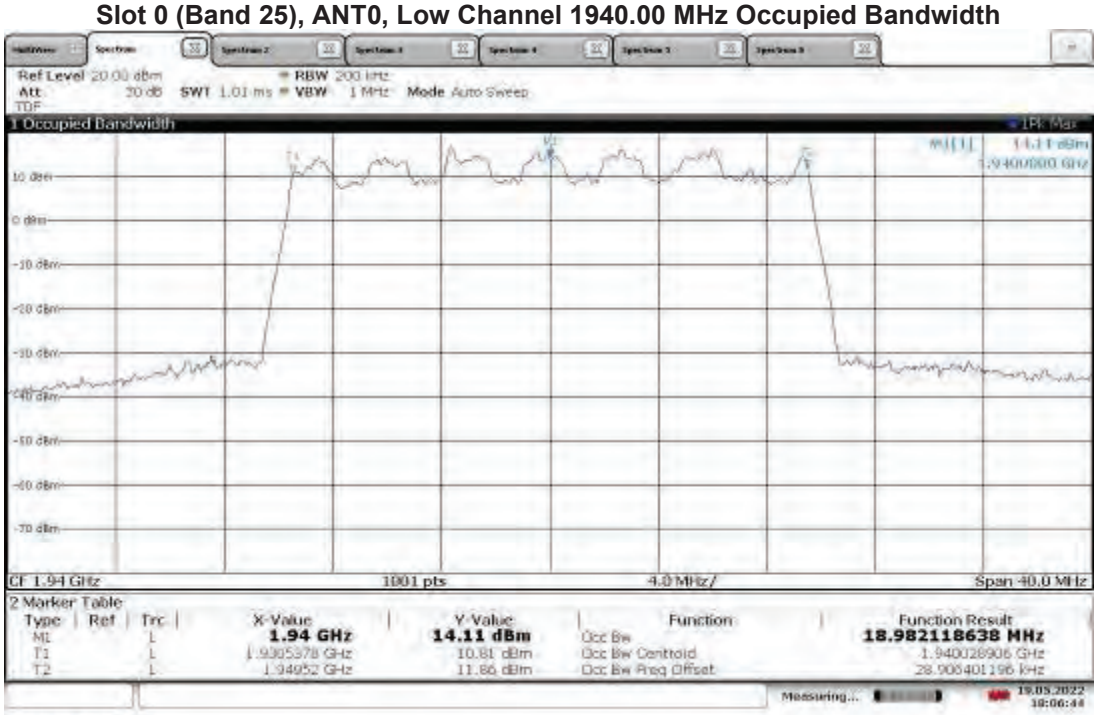
12:09:54 20.05.2022

TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz Occupied Bandwidth

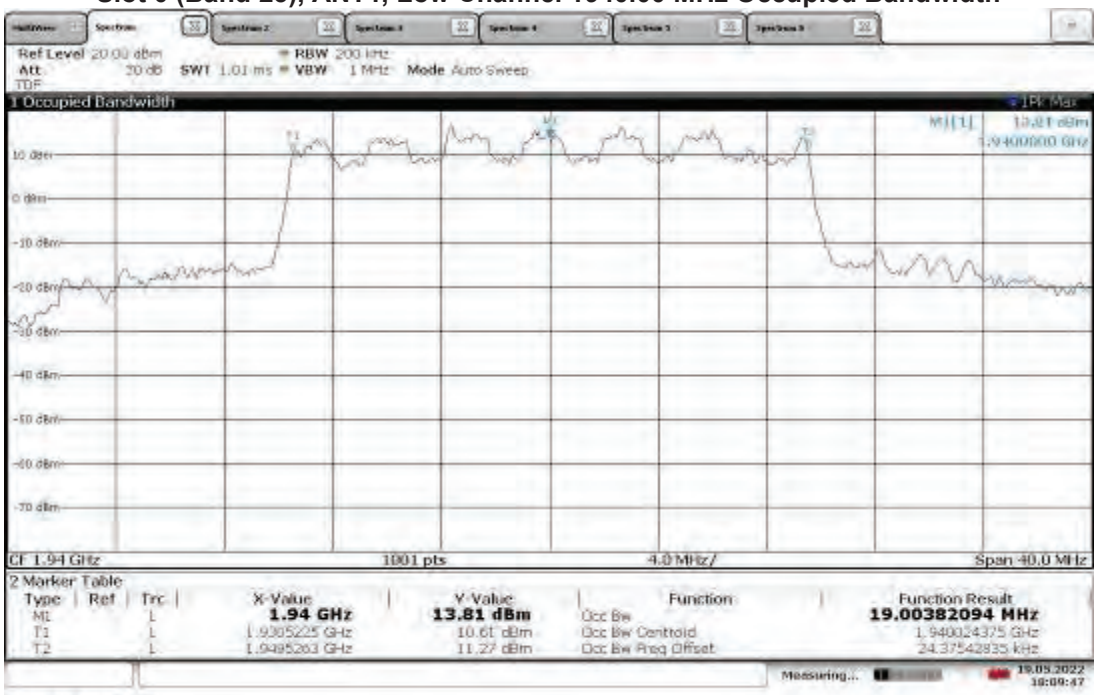


12:06:16 20.05.2022

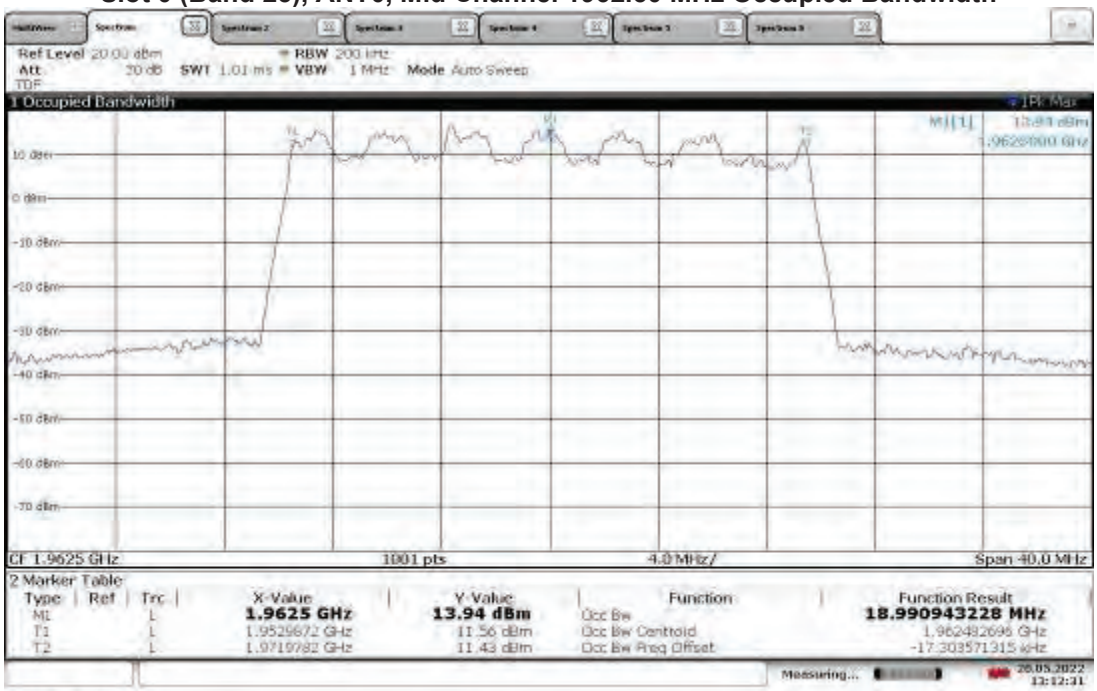
TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz Occupied Bandwidth



TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz Occupied Bandwidth

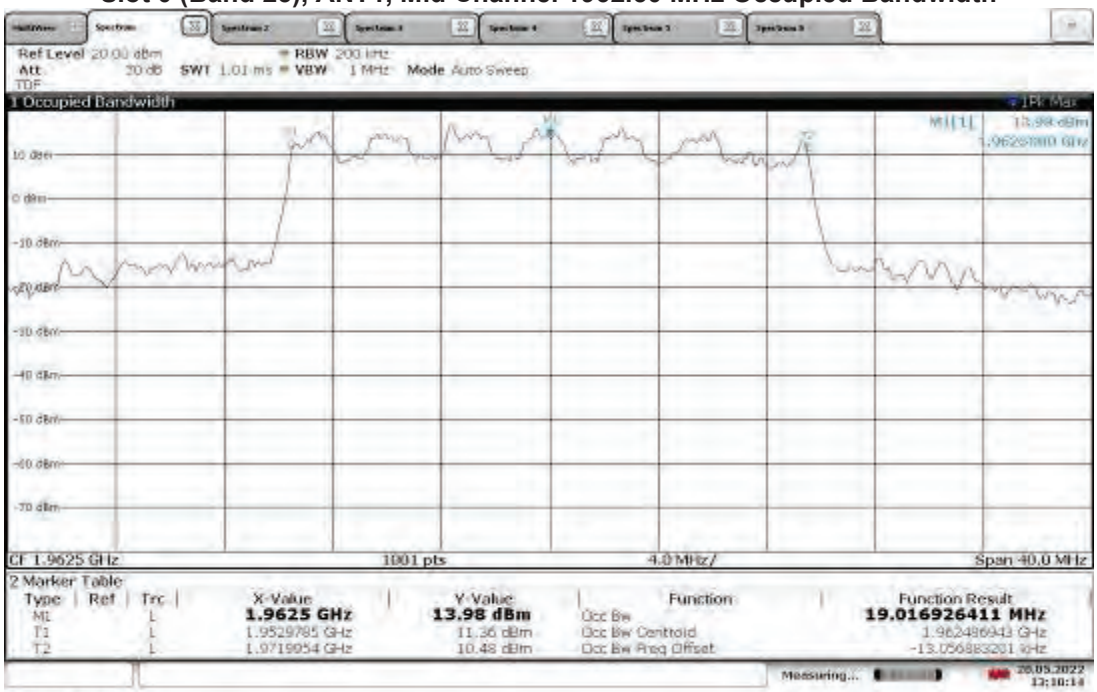


TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



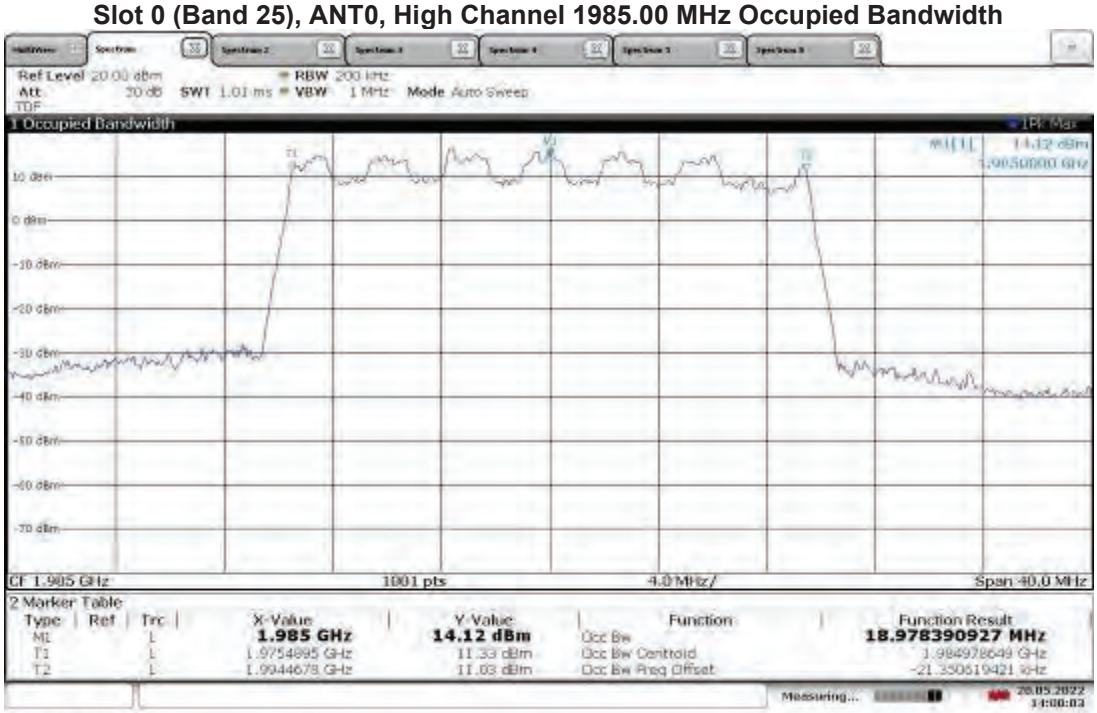
13:12:31 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



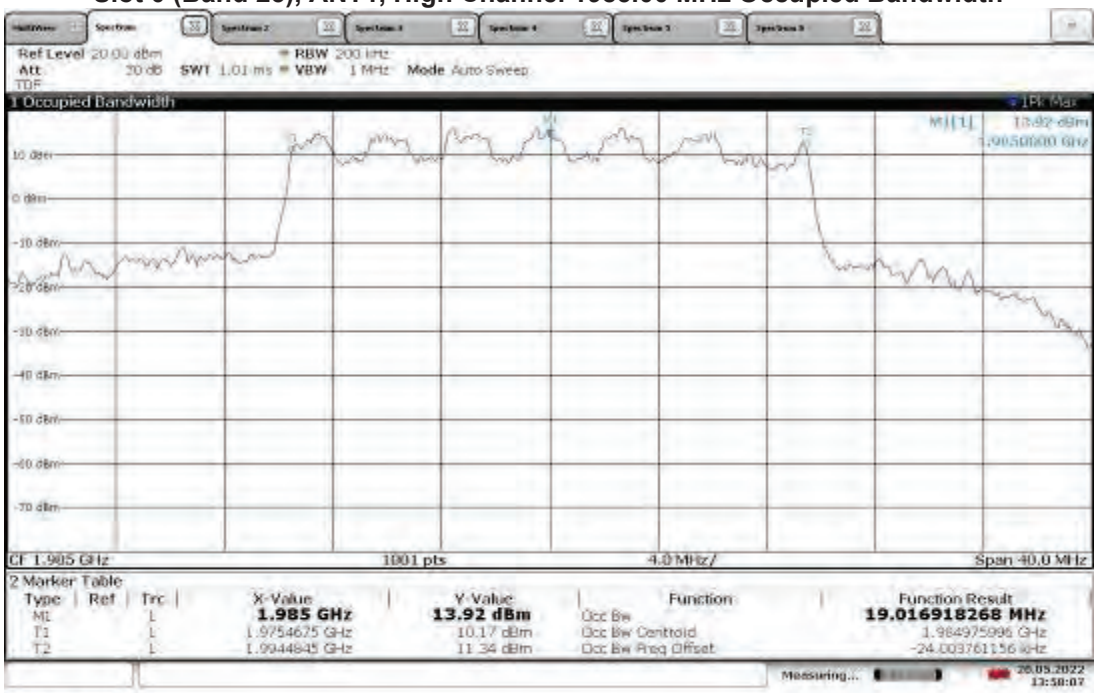
13:10:14 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz Occupied Bandwidth



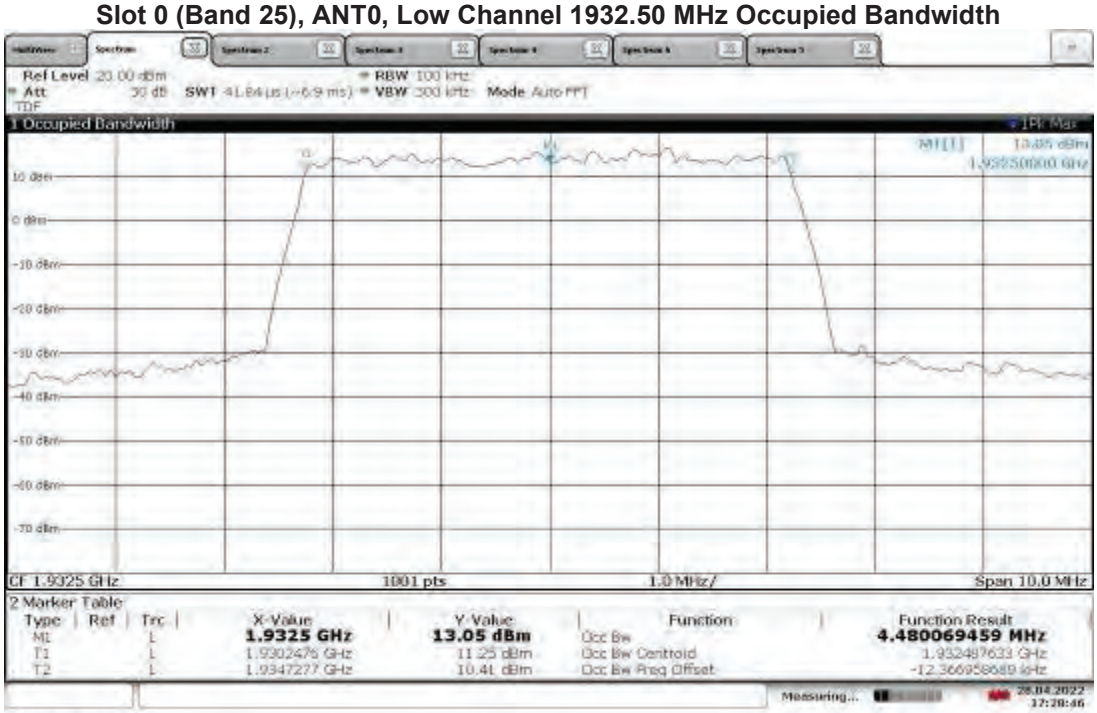
14:00:03 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz Occupied Bandwidth



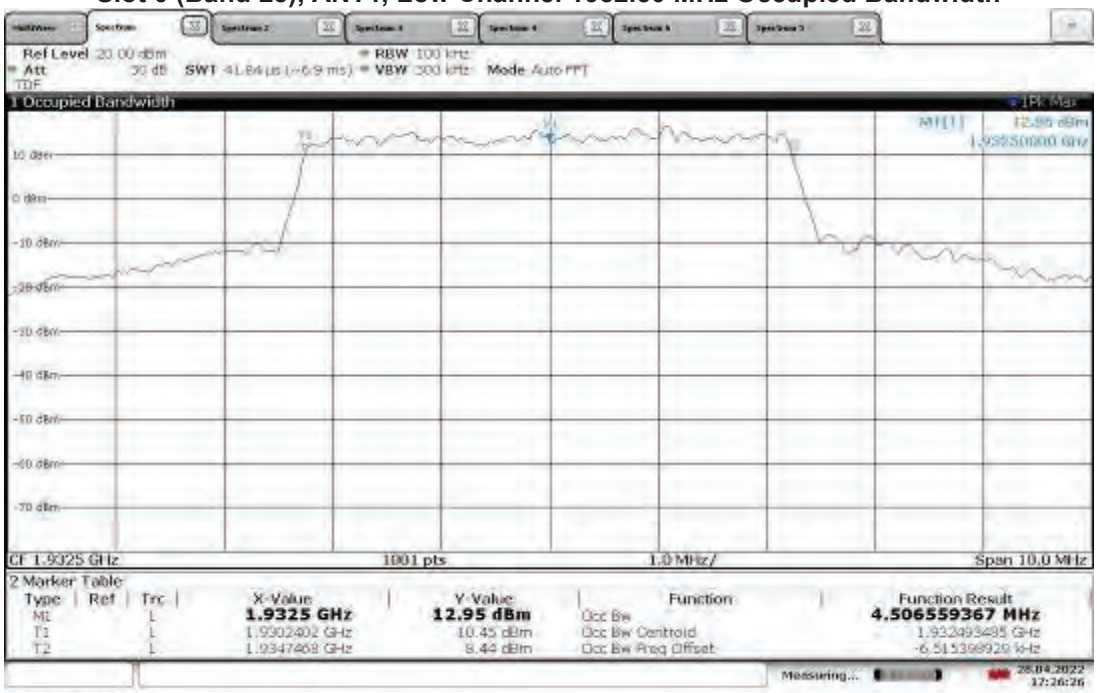
13:58:08 20.05.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz Occupied Bandwidth



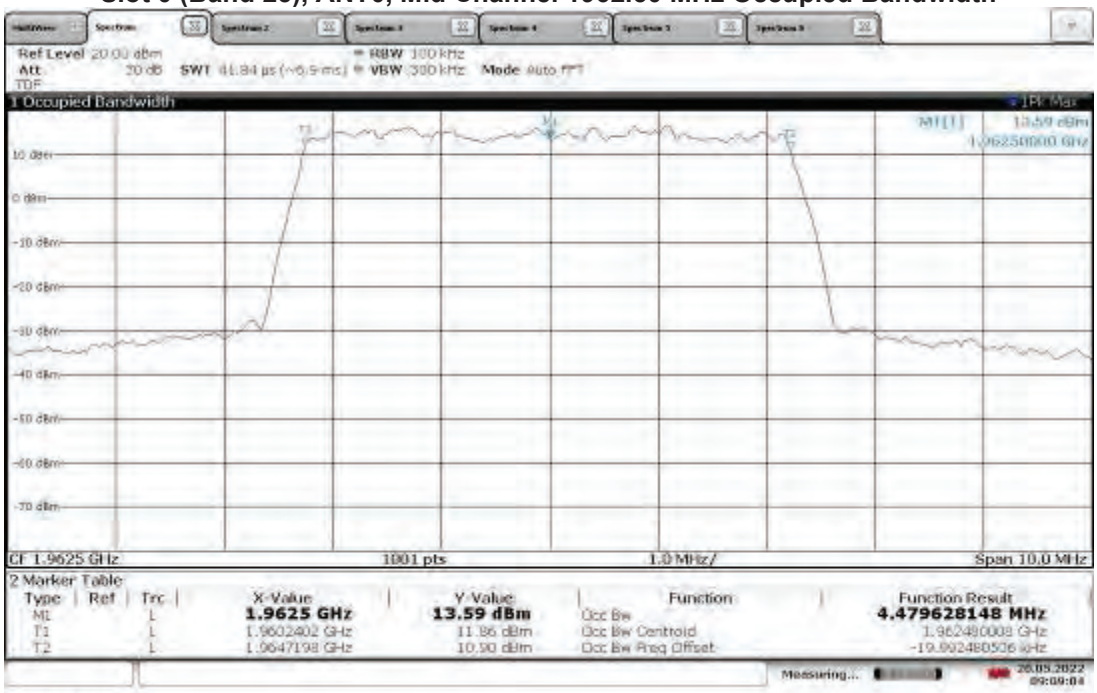
17:28:46 28.04.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz Occupied Bandwidth



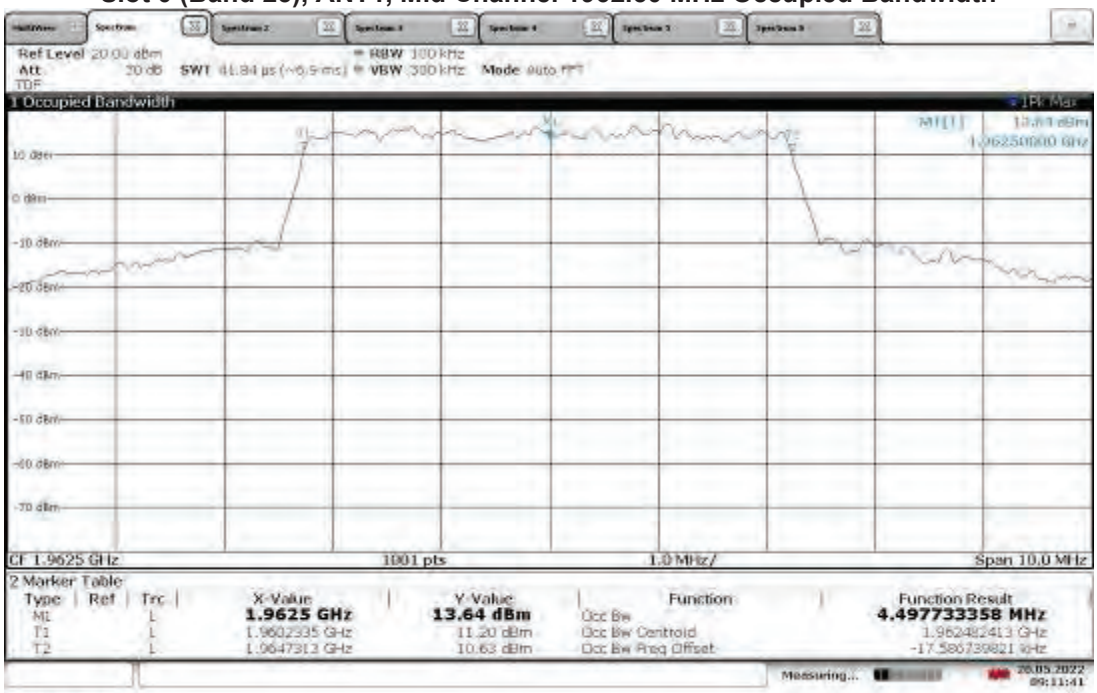
17:26:26 28.04.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



09:09:04 20.05.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



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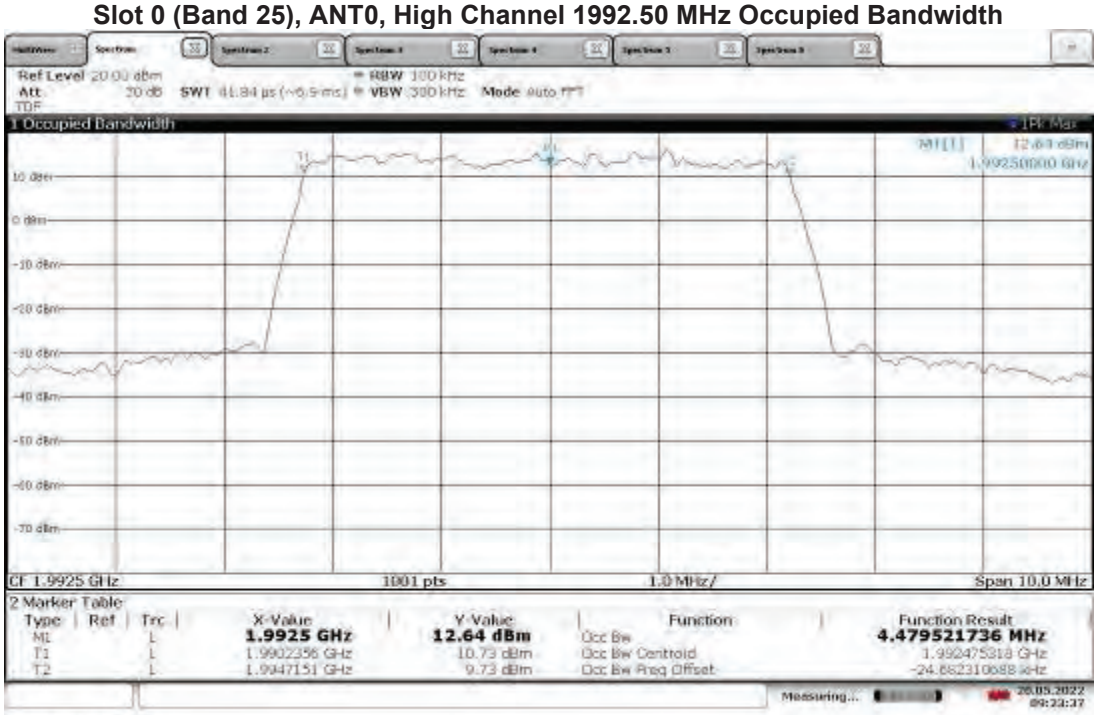
TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz Occupied Bandwidth



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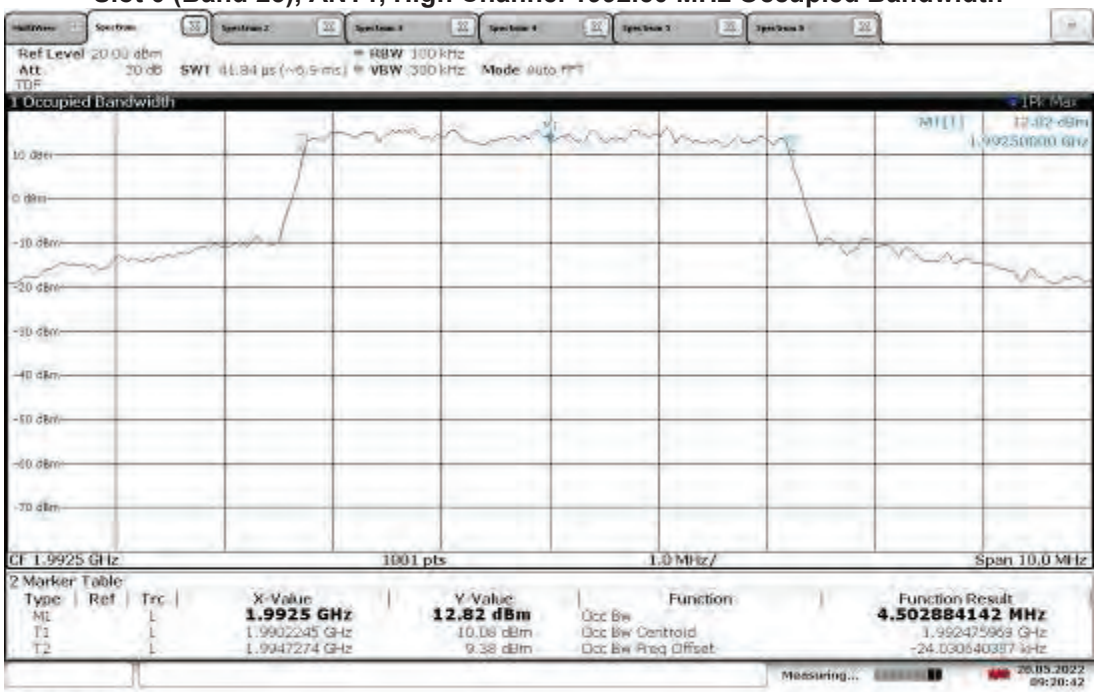
TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz Occupied Bandwidth



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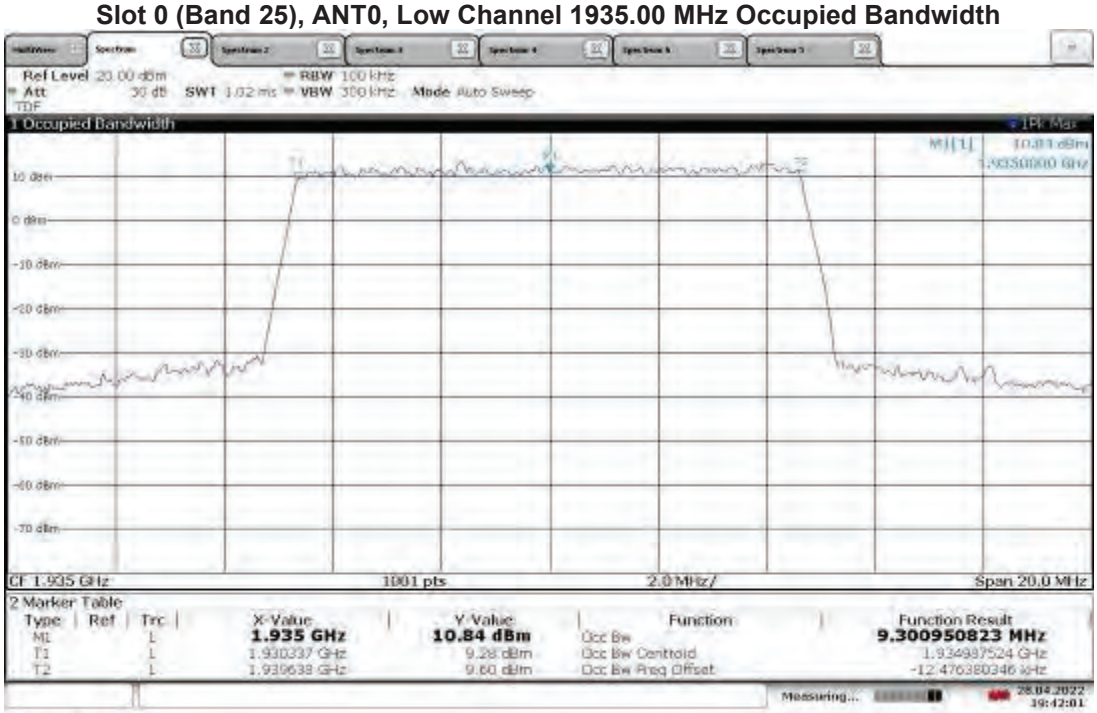
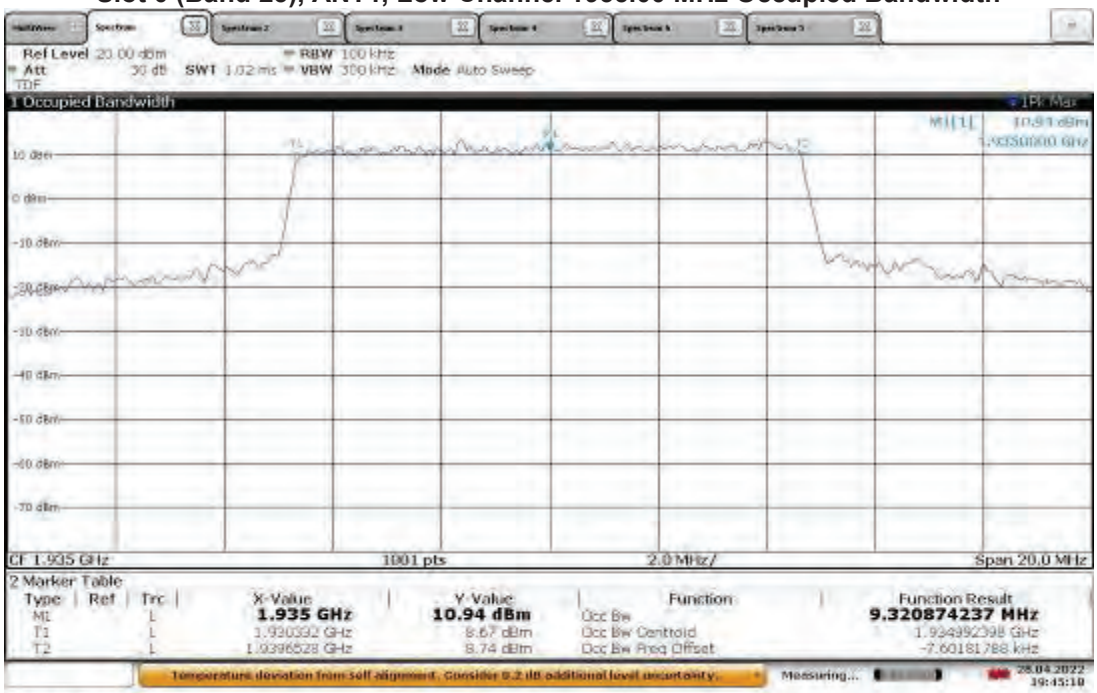
TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz Occupied Bandwidth



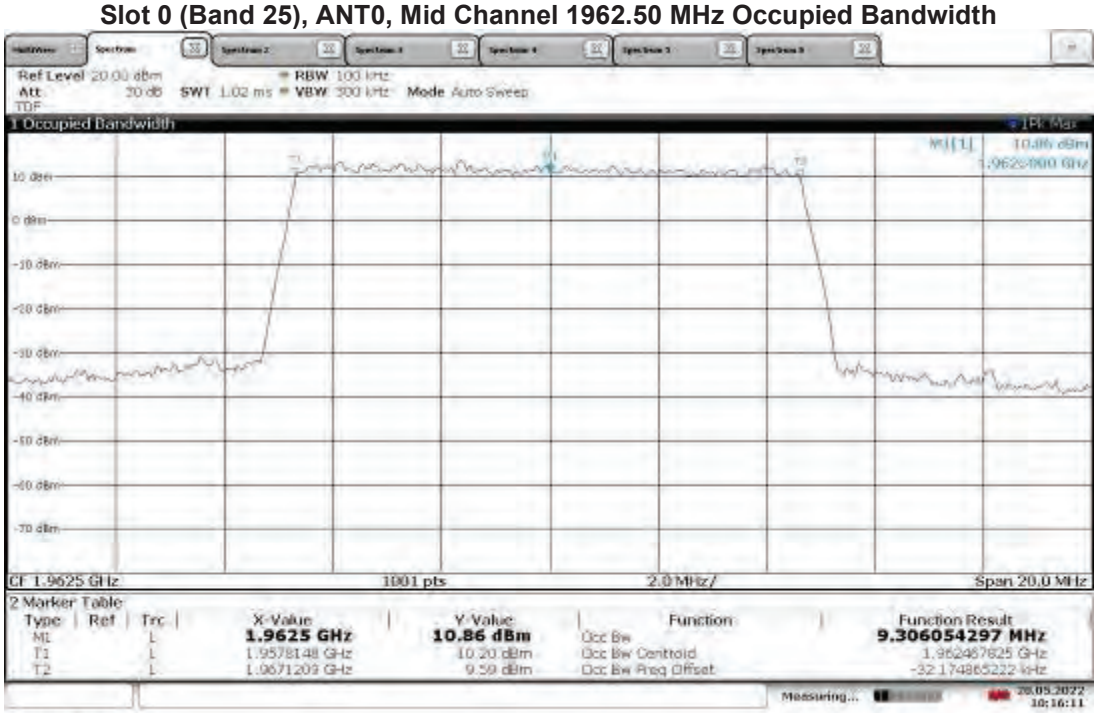
19:42:01 28.04.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz Occupied Bandwidth



19:45:19 28.04.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



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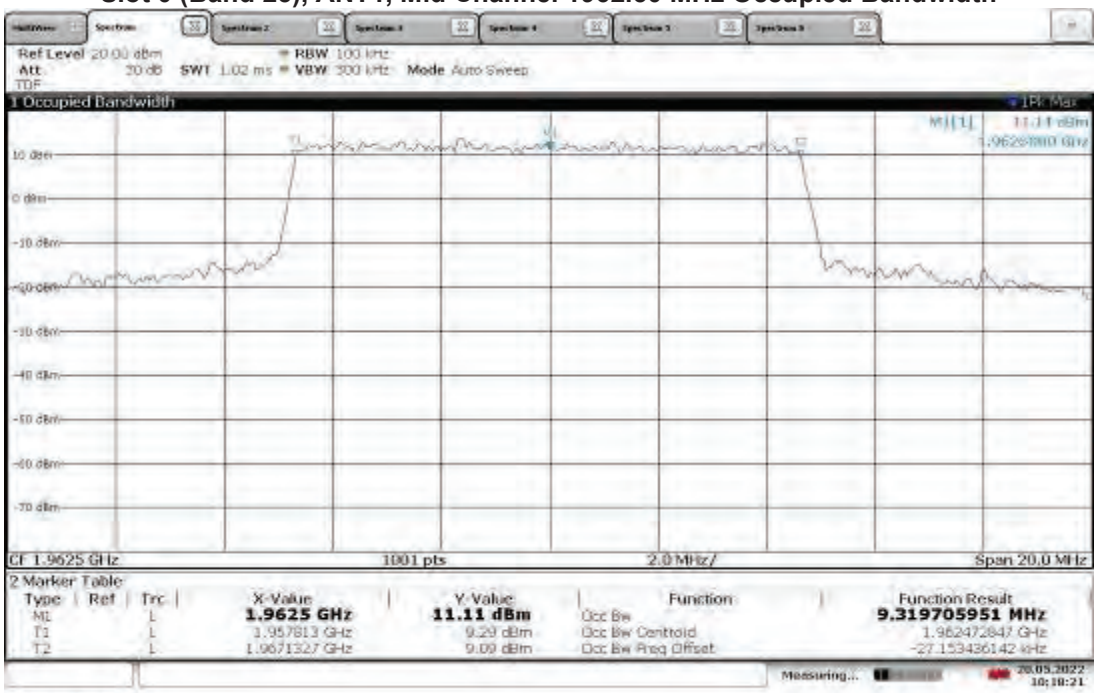
TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



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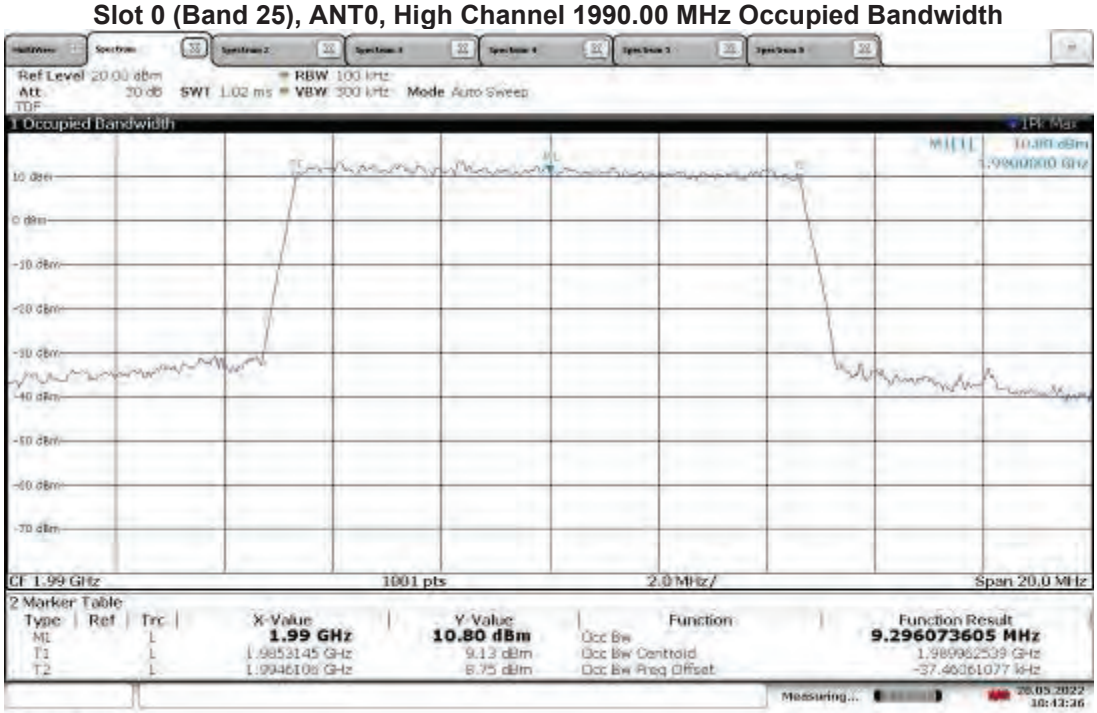
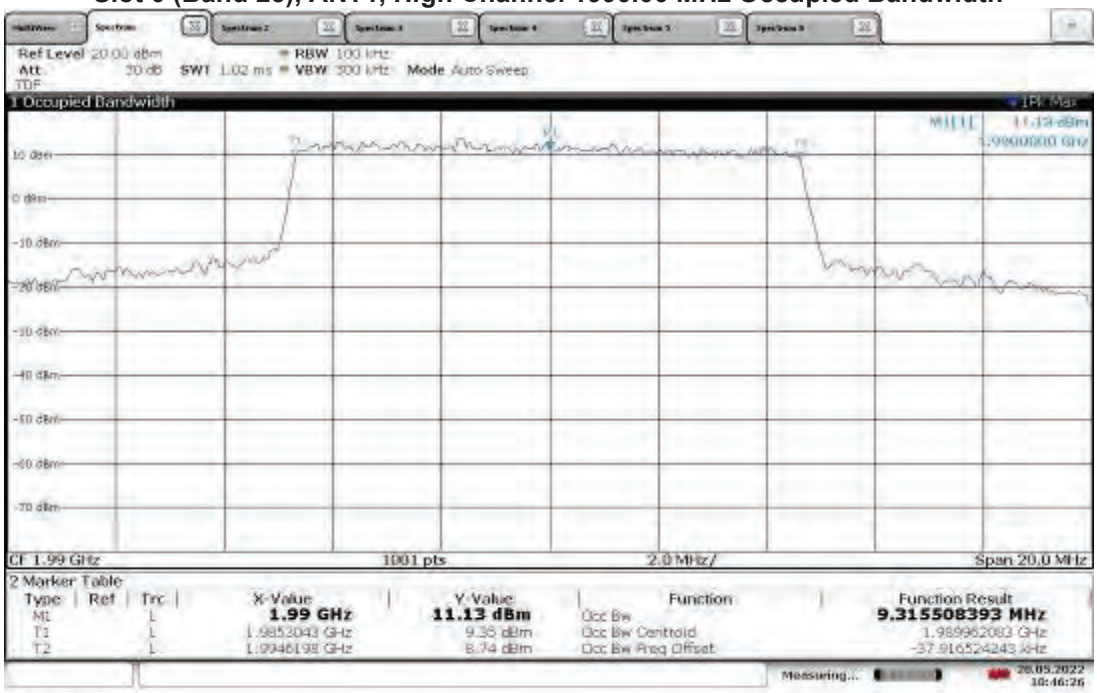
TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz Occupied Bandwidth



10:43:36 20.05.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz Occupied Bandwidth



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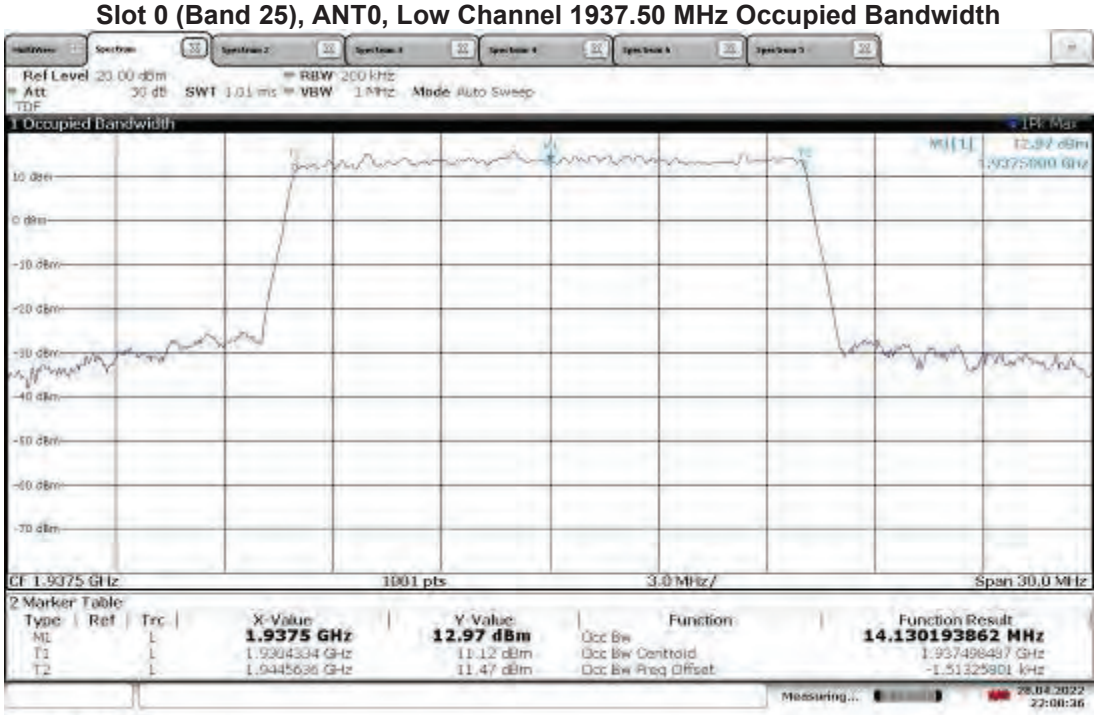
TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz Occupied Bandwidth



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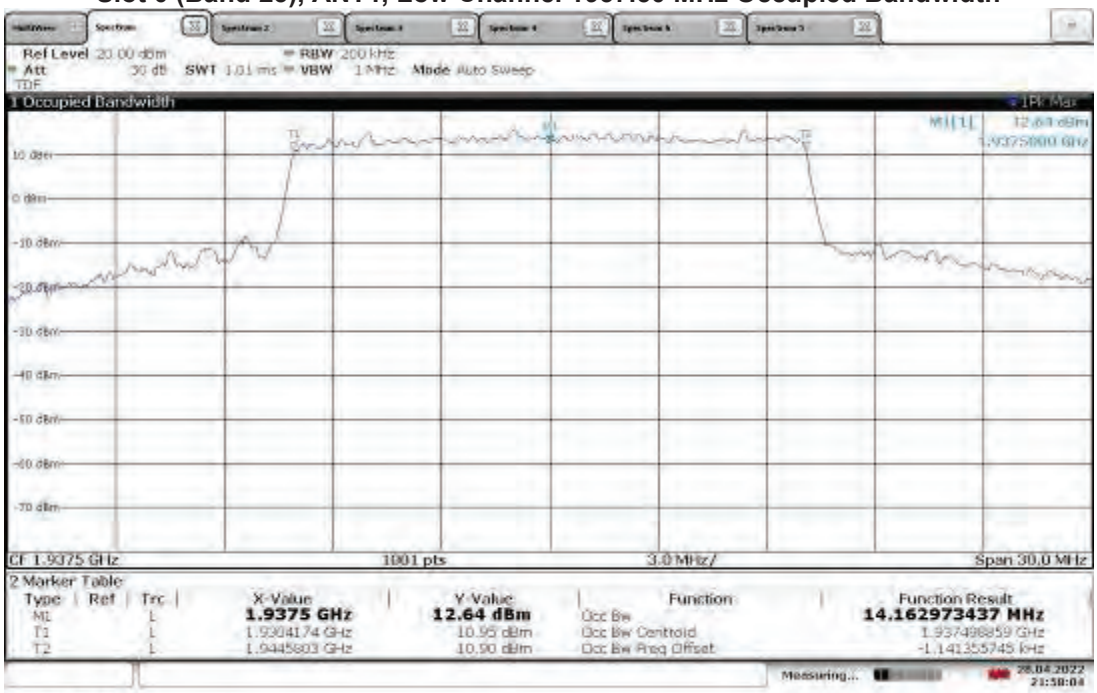
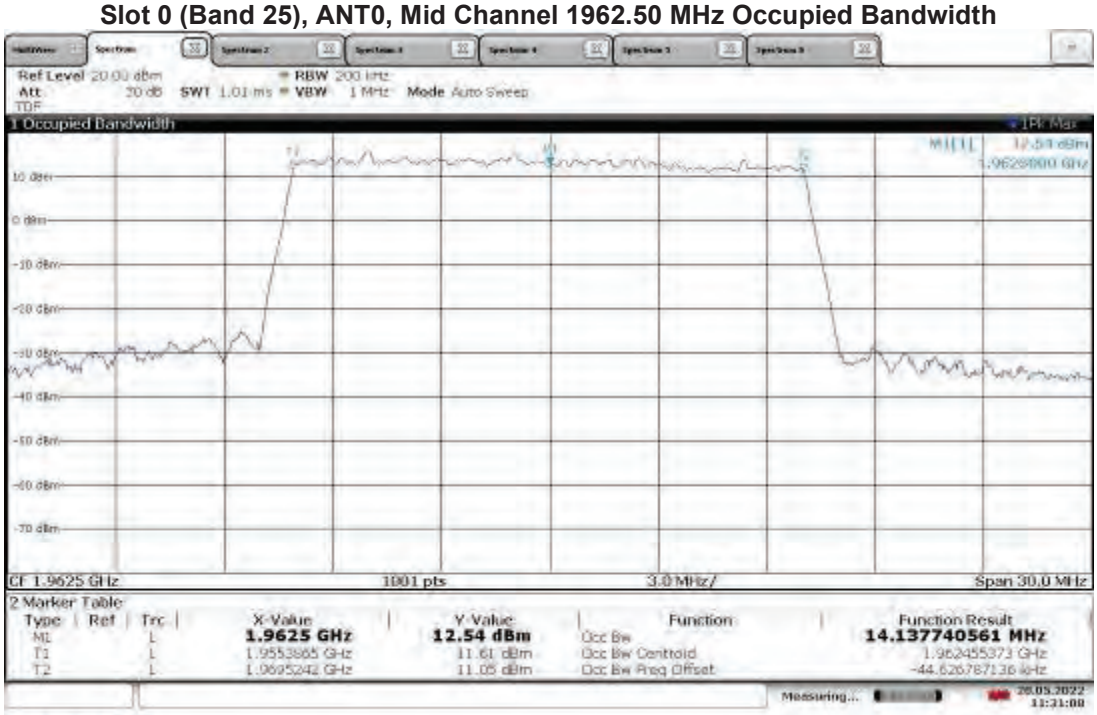
TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz Occupied Bandwidth



21:58:04 28.04.2022

TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



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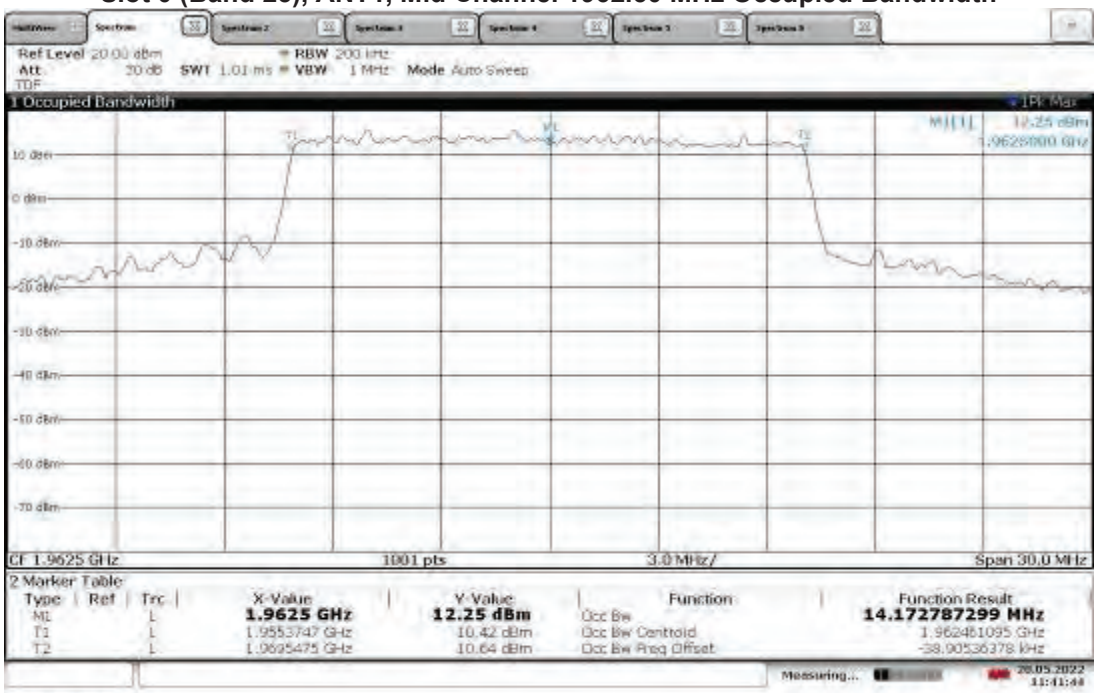
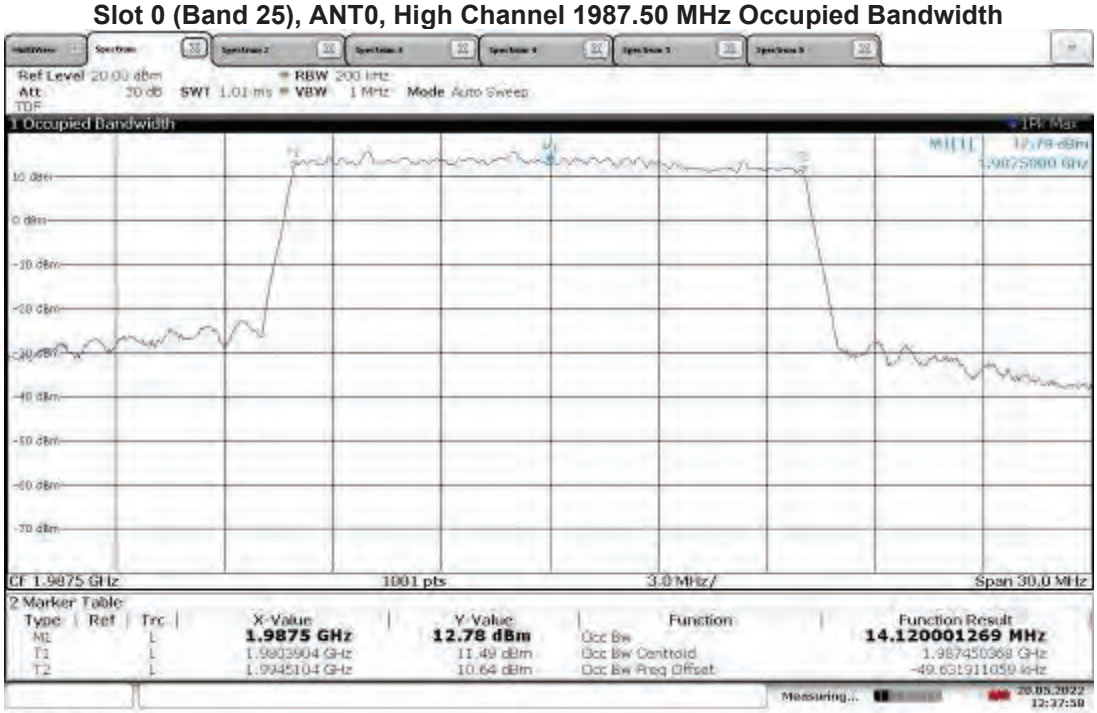
TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



11:41:45 20.05.2022

TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz Occupied Bandwidth



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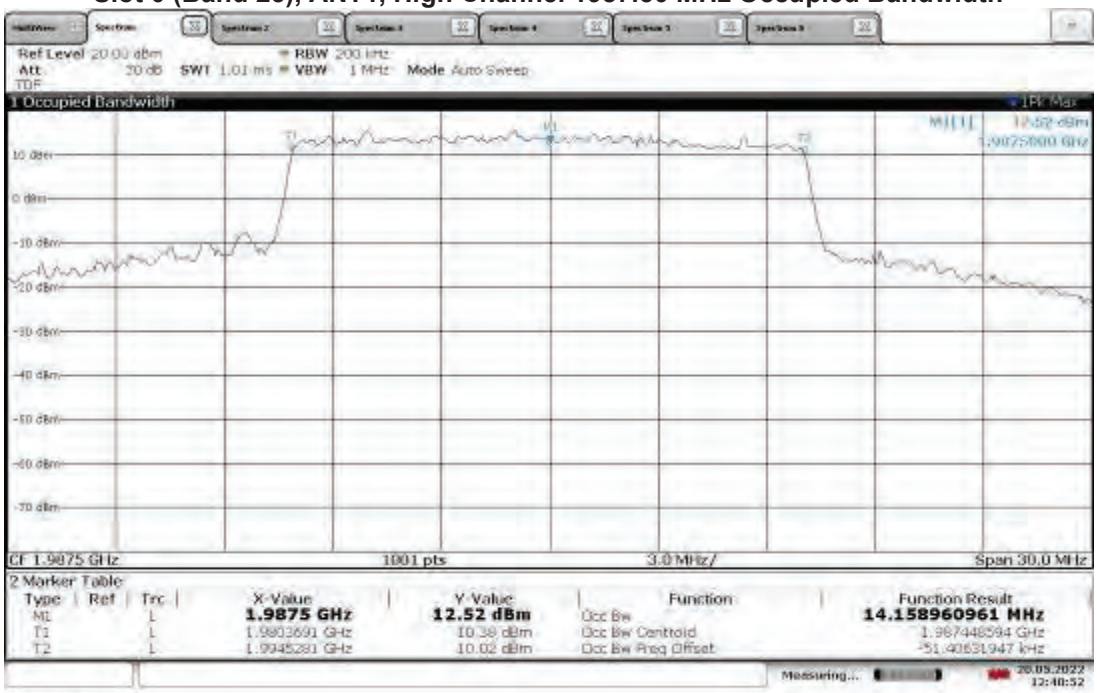
TM3.1-64QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz Occupied Bandwidth



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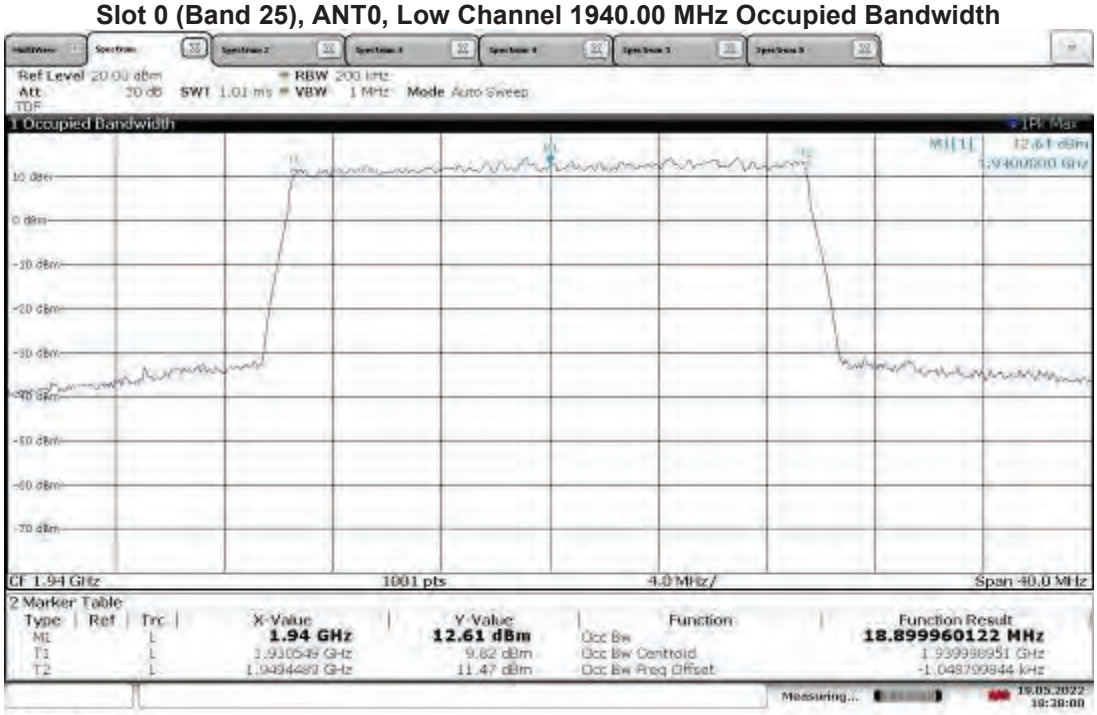
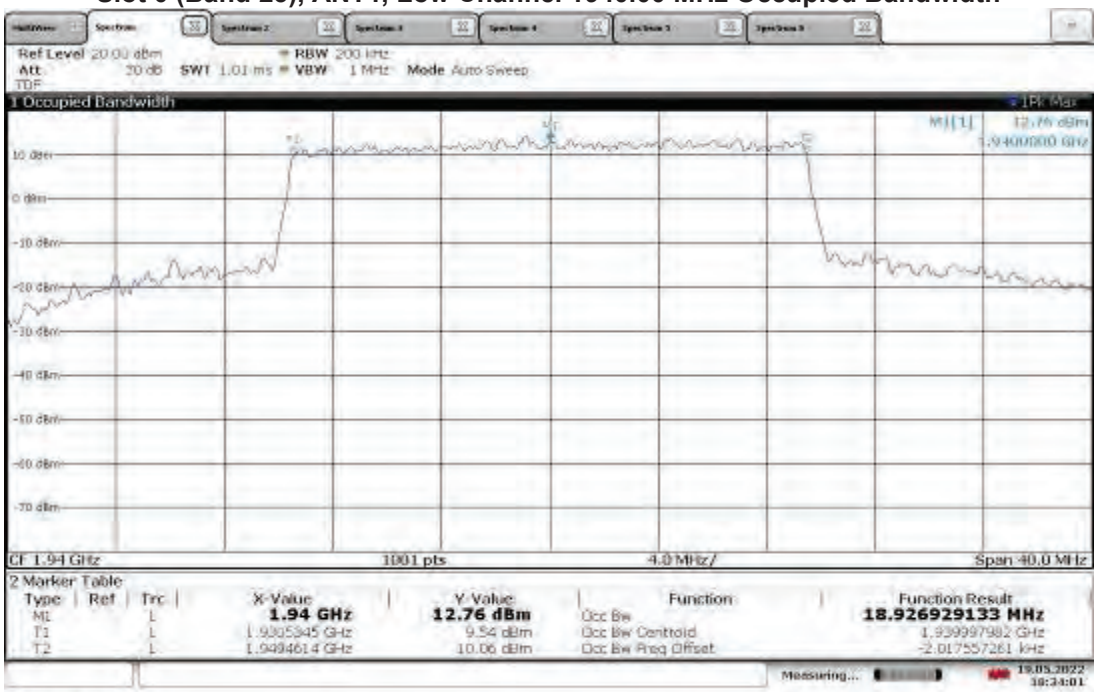
TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz Occupied Bandwidth



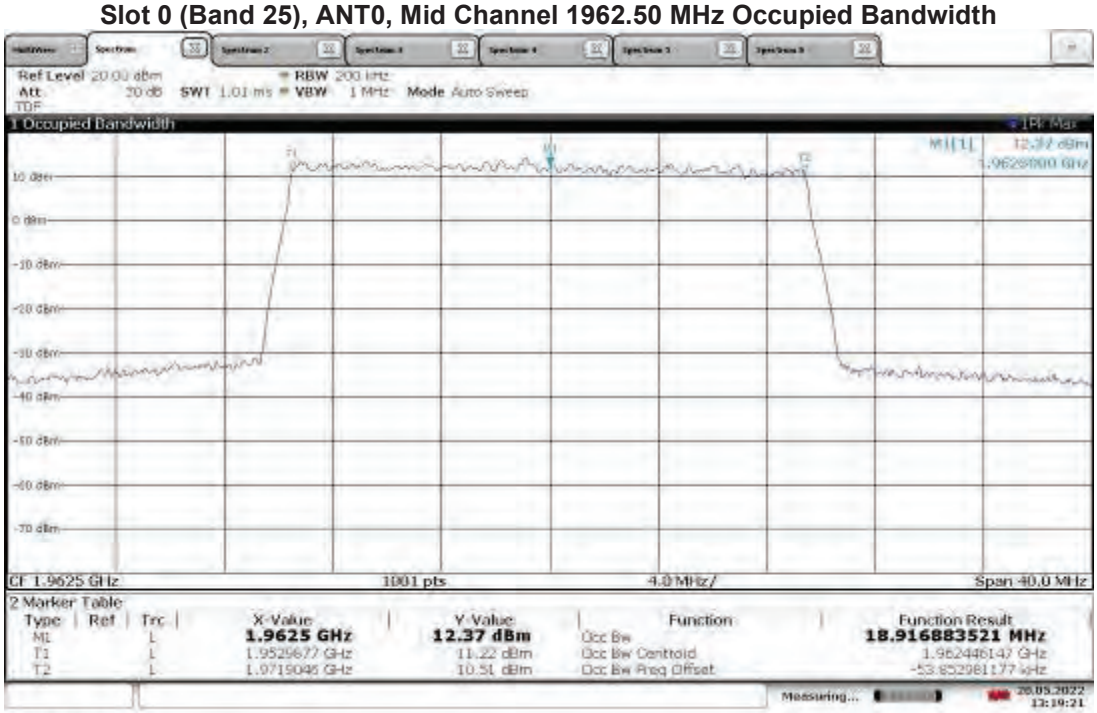
18:38:00 19.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz Occupied Bandwidth



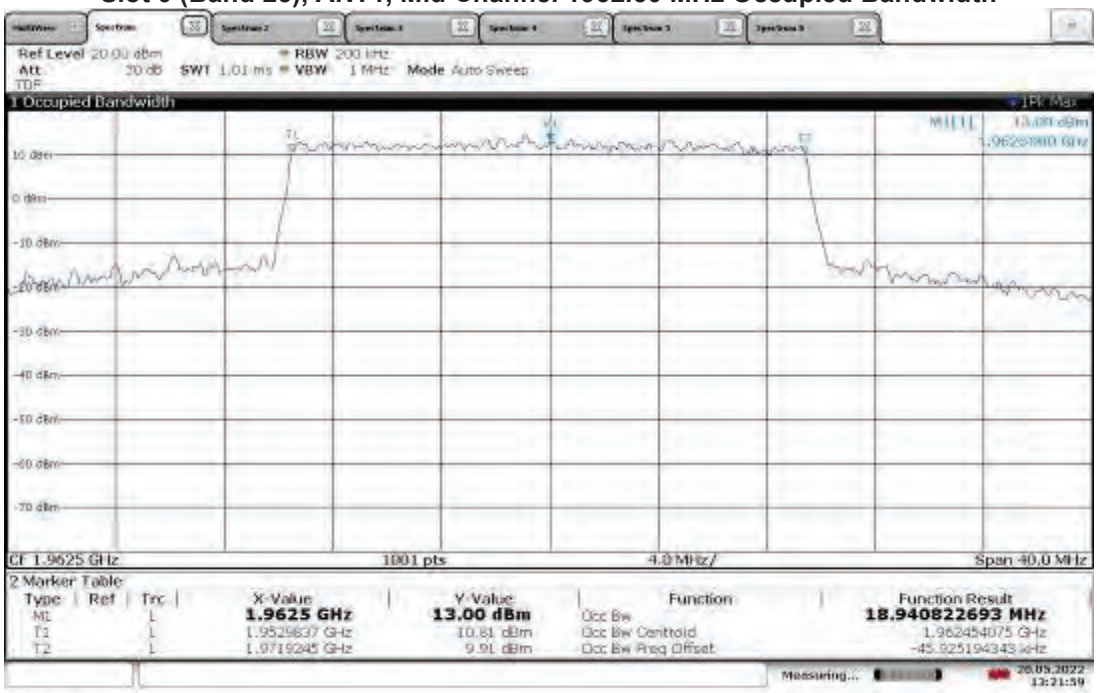
18:34:01 19.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



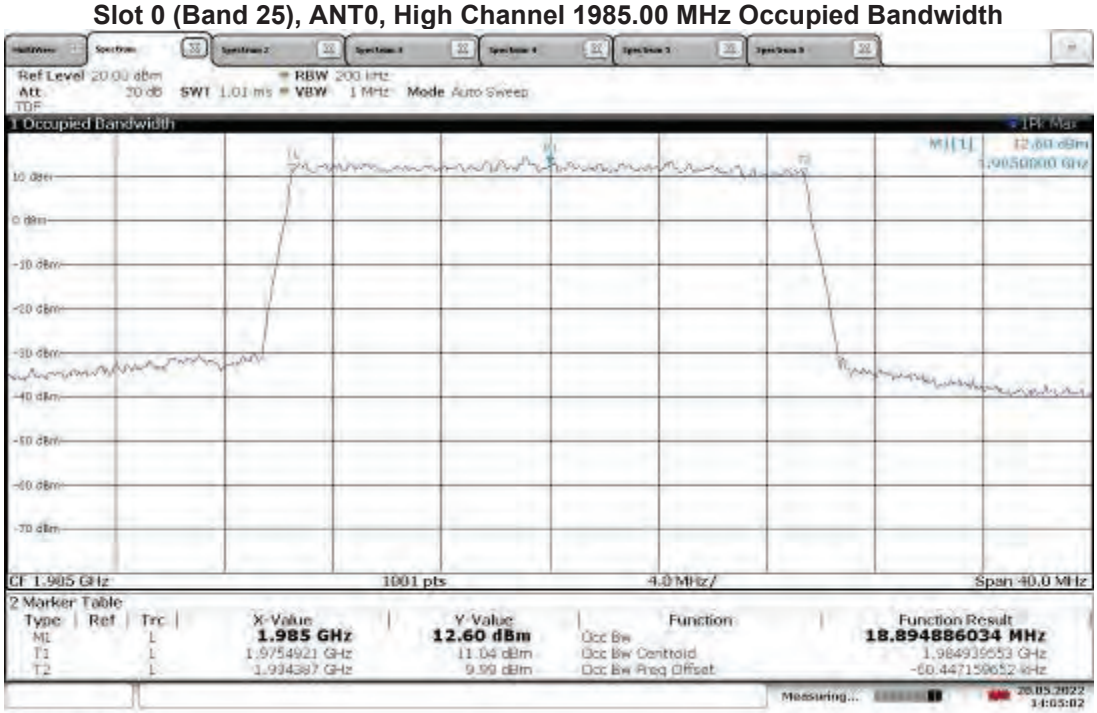
13:19:21 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



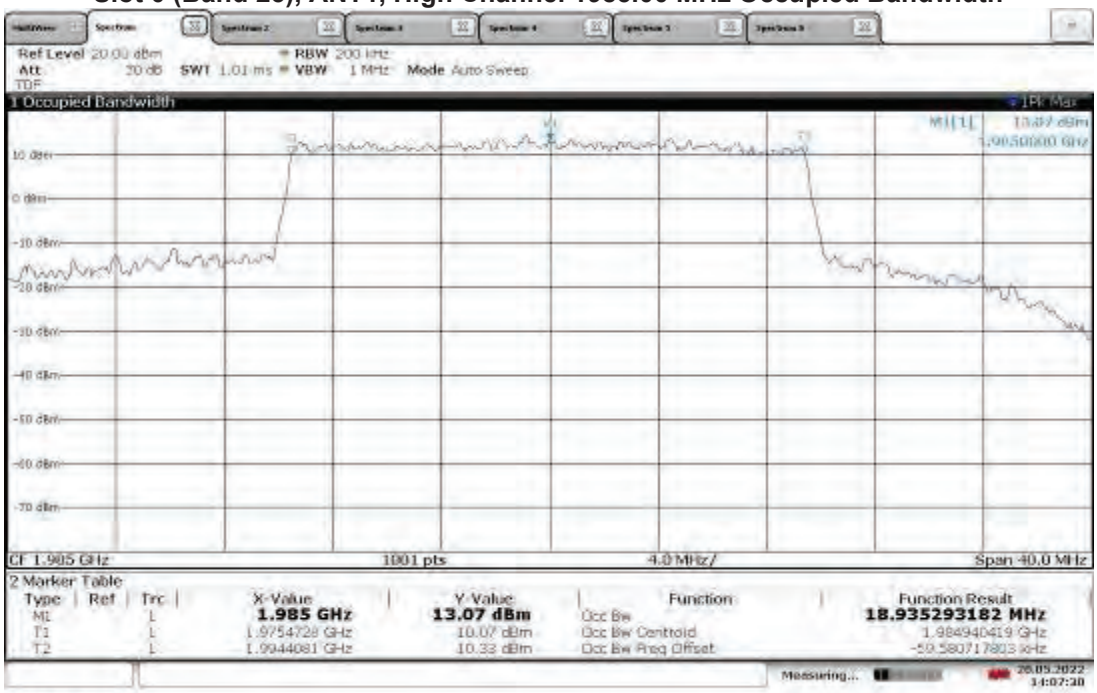
13:21:59 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz Occupied Bandwidth



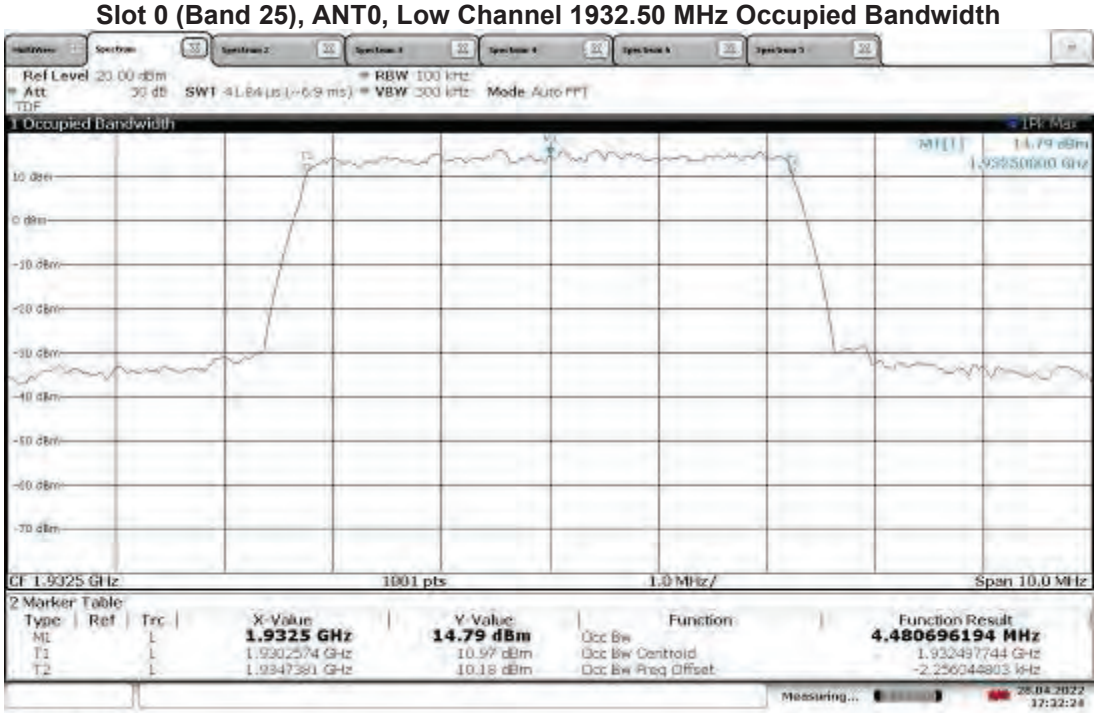
14:05:03 20.05.2022

TM3.1-64QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz Occupied Bandwidth



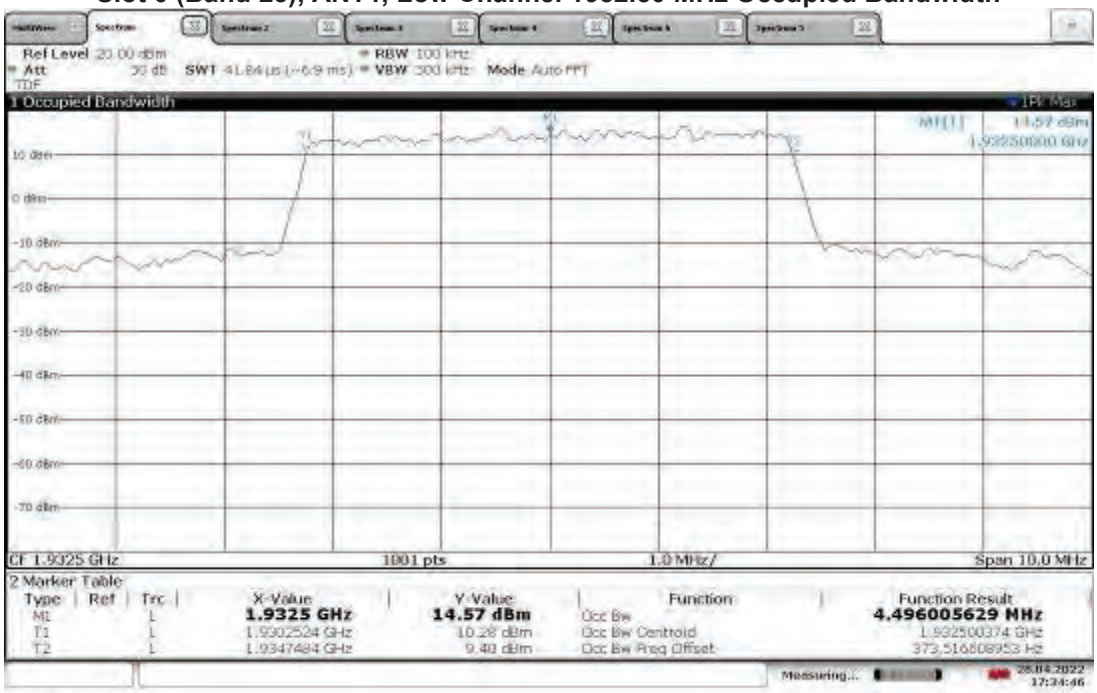
14:07:30 20.05.2022

TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz Occupied Bandwidth



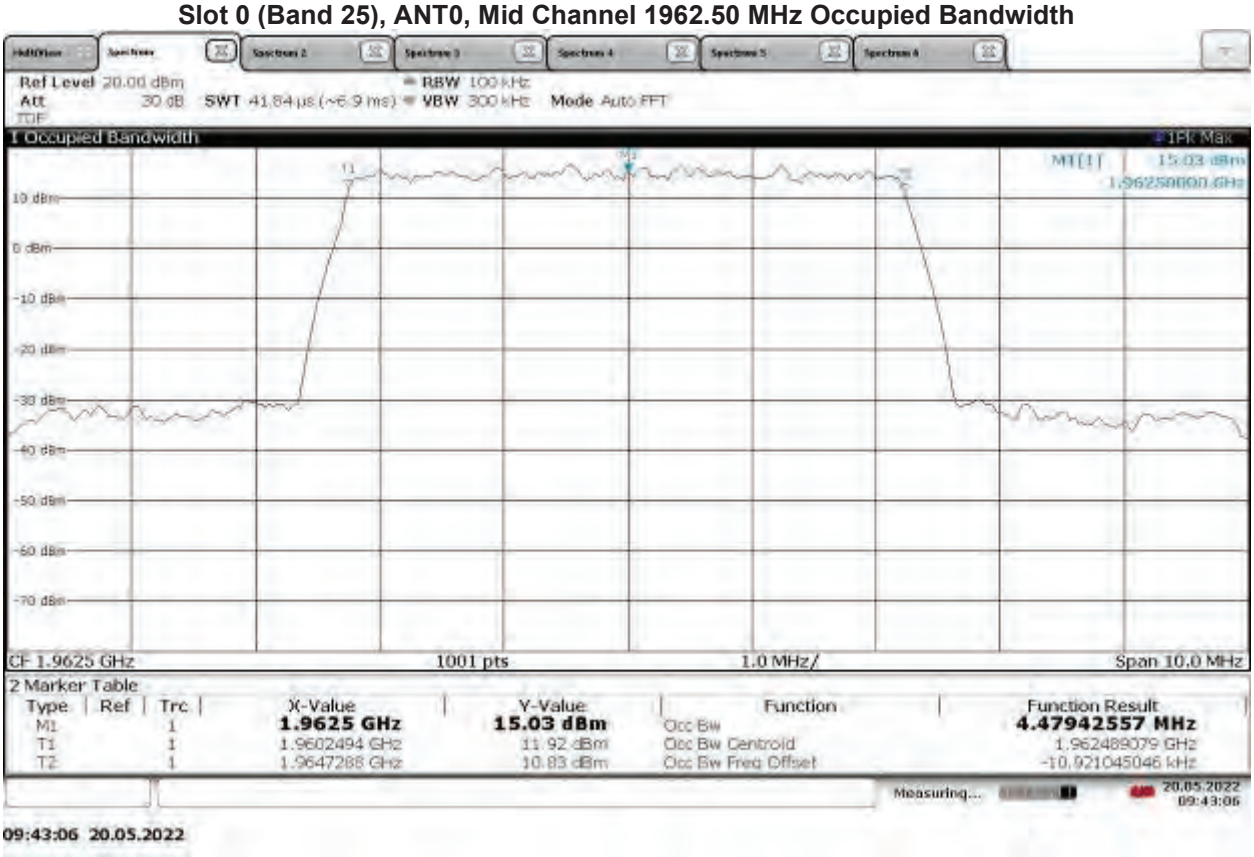
17:32:24 28.04.2022

TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz Occupied Bandwidth

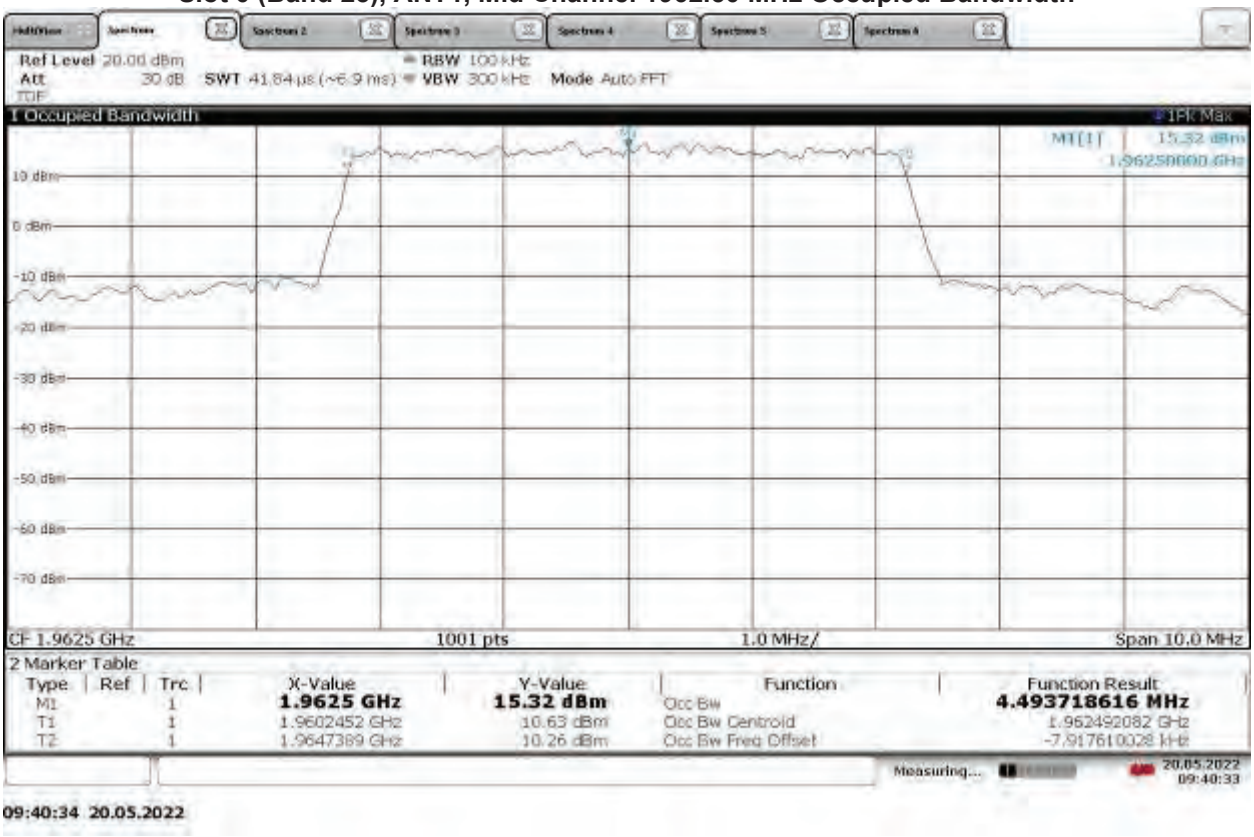


17:34:47 28.04.2022

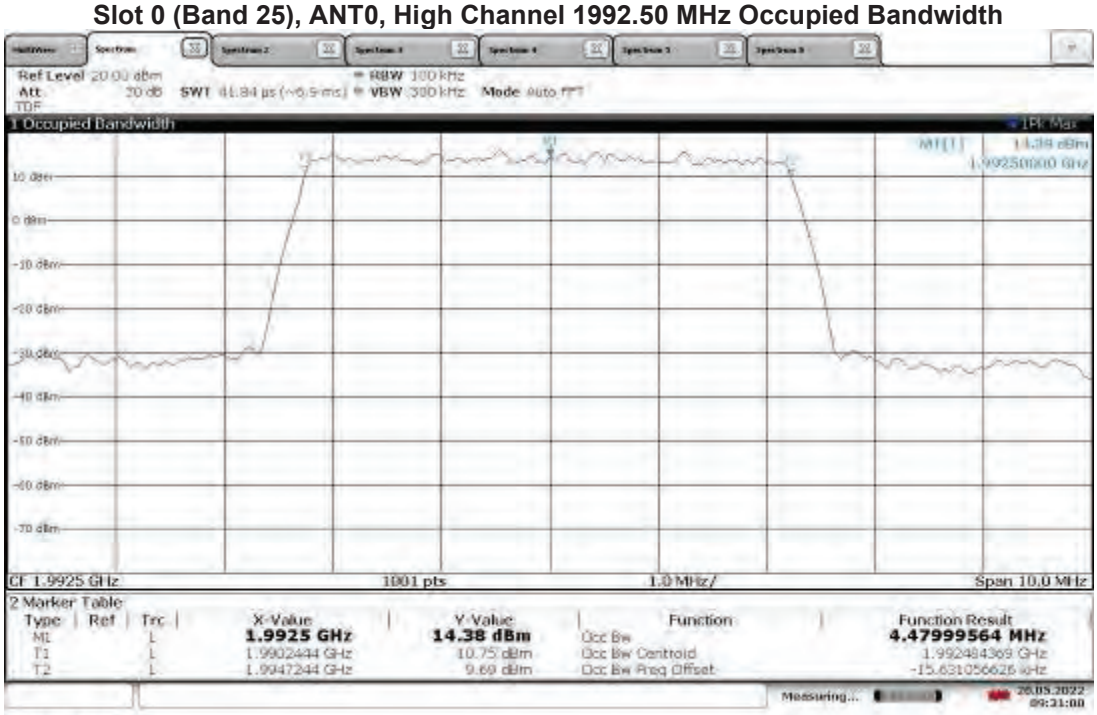
TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz Occupied Bandwidth



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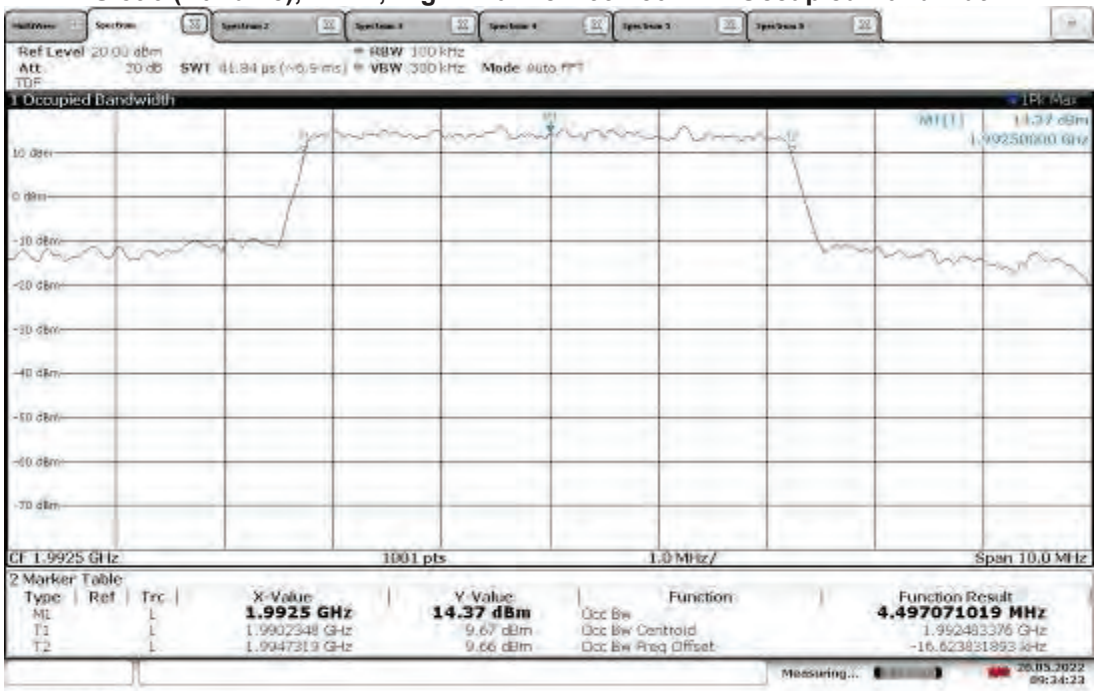
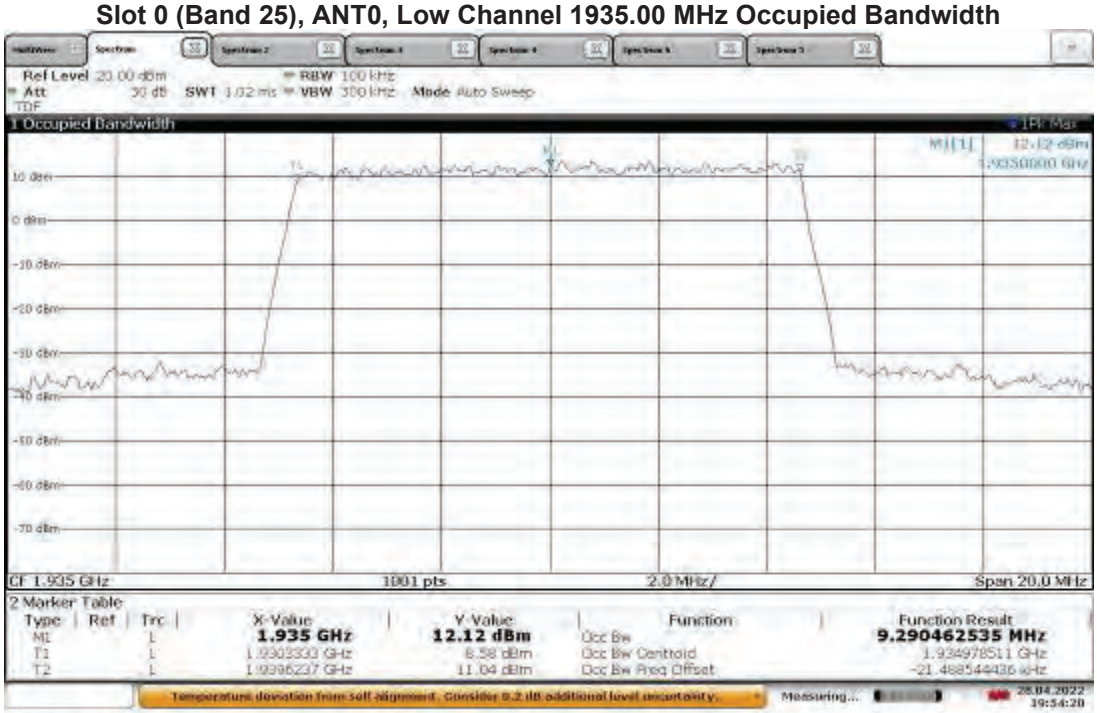
TM3.1a-256QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz Occupied Bandwidth



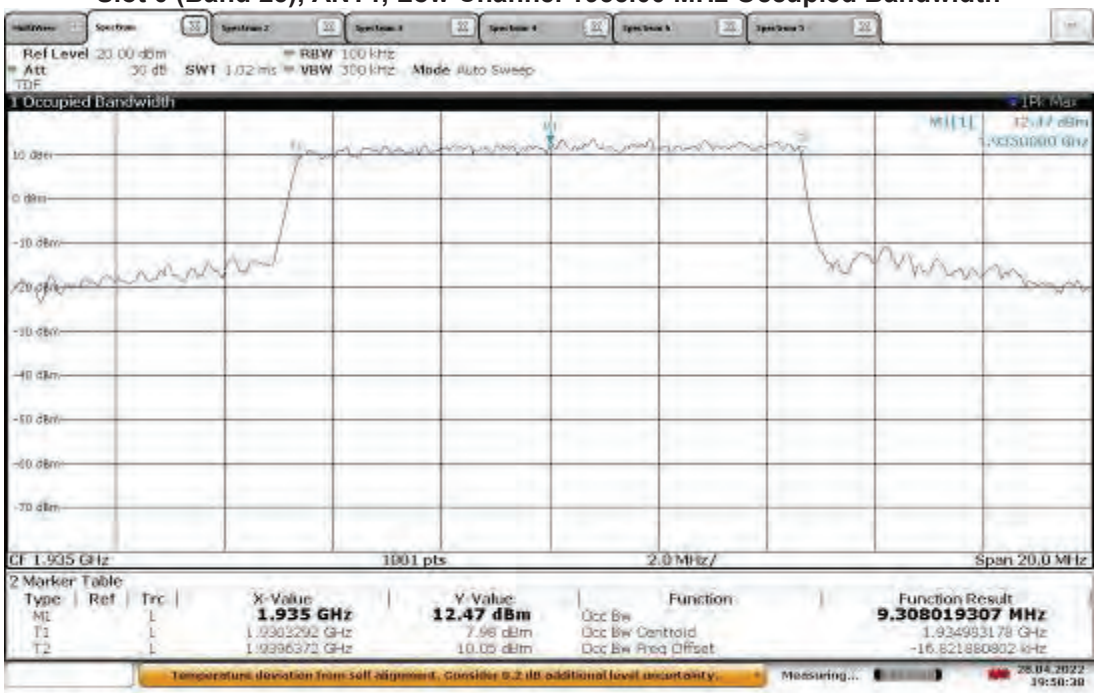
09:34:23 20.05.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz Occupied Bandwidth



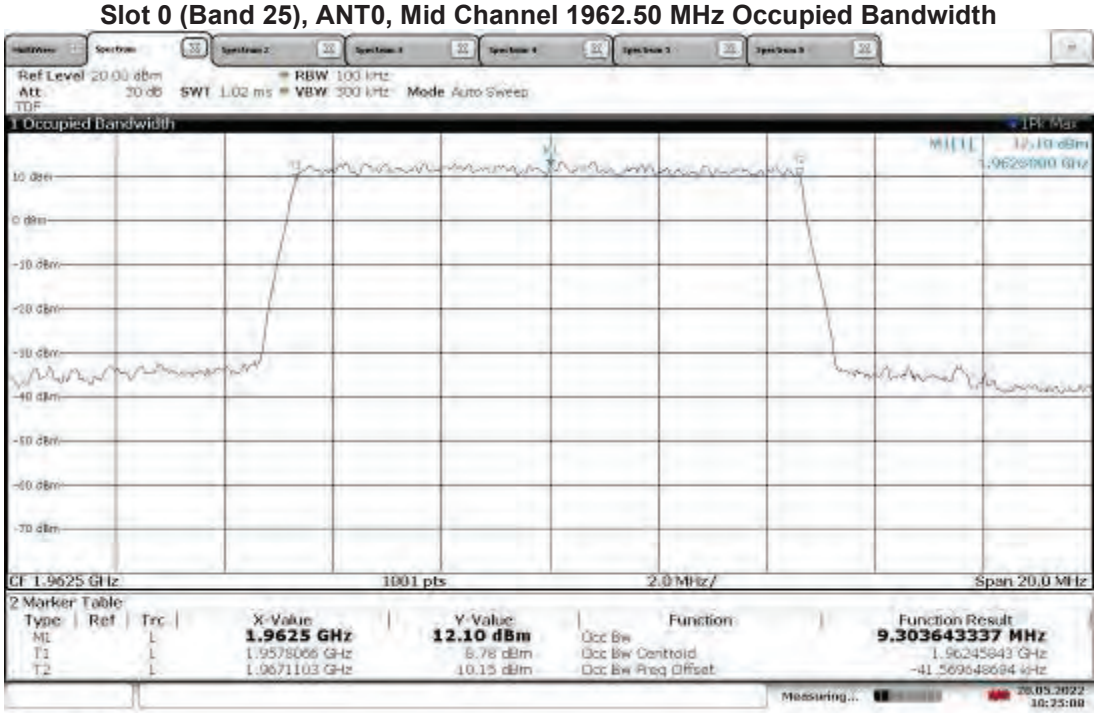
19:54:20 28.04.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz Occupied Bandwidth



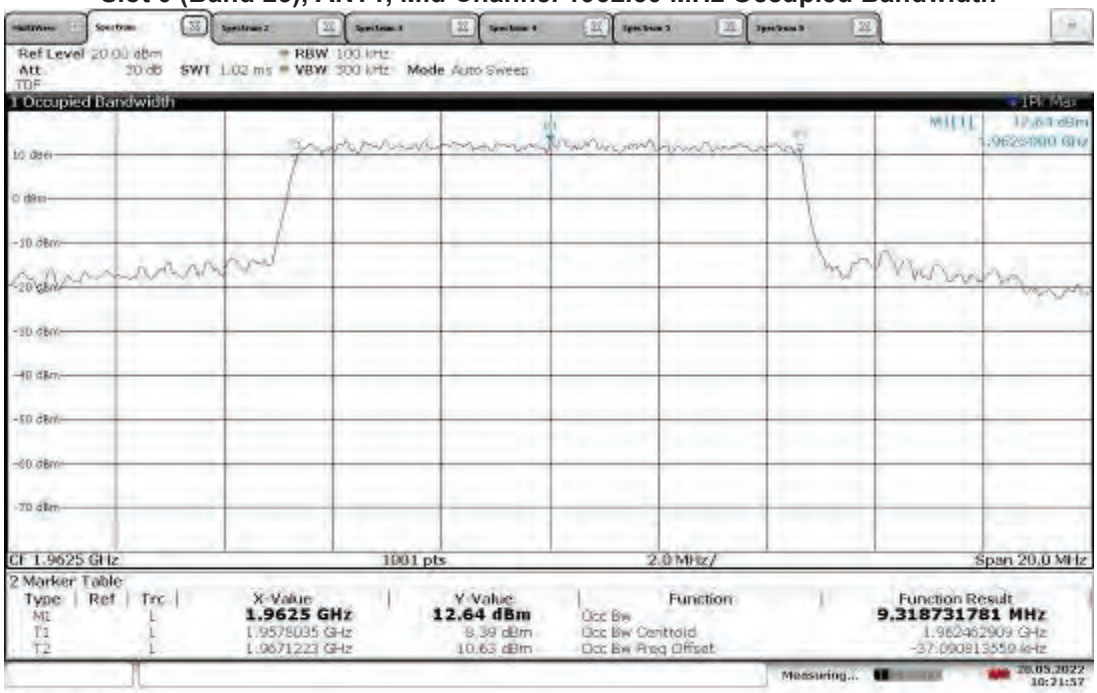
19:50:38 28.04.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



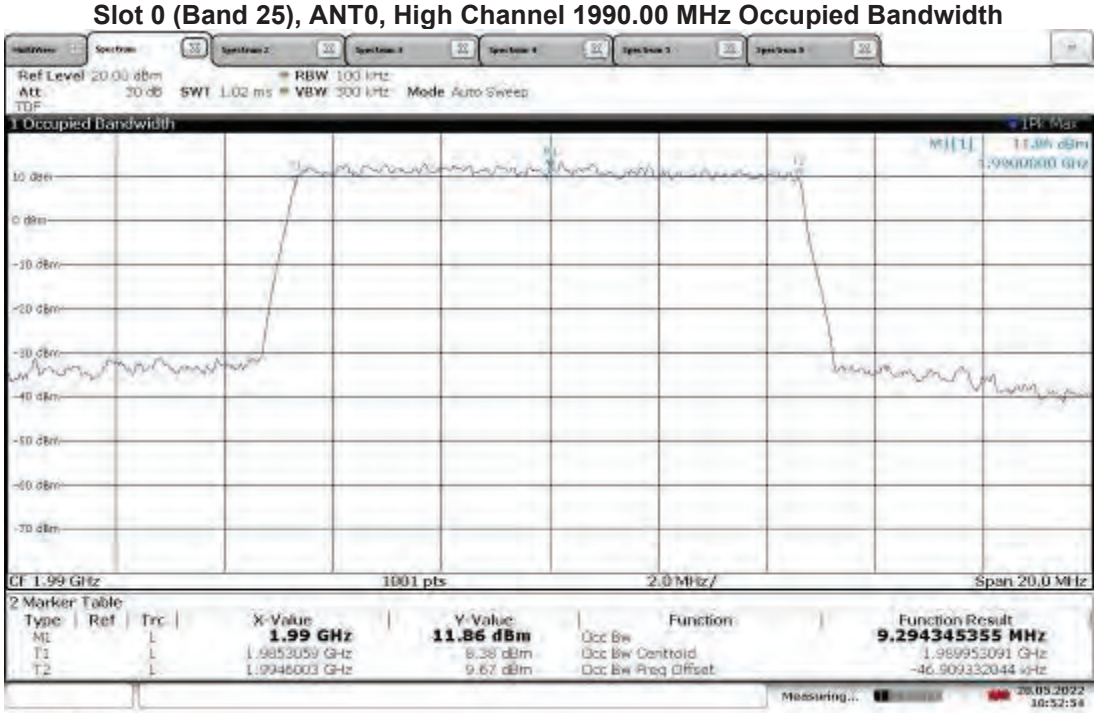
10:25:08 20.05.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



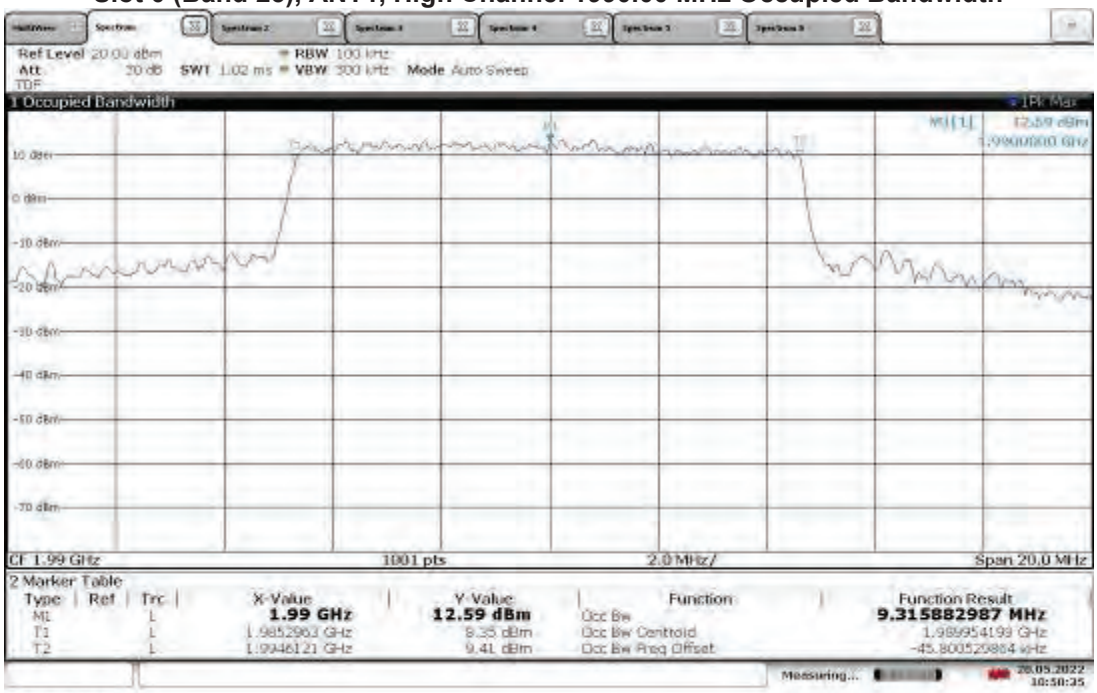
10:21:58 20.05.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz Occupied Bandwidth



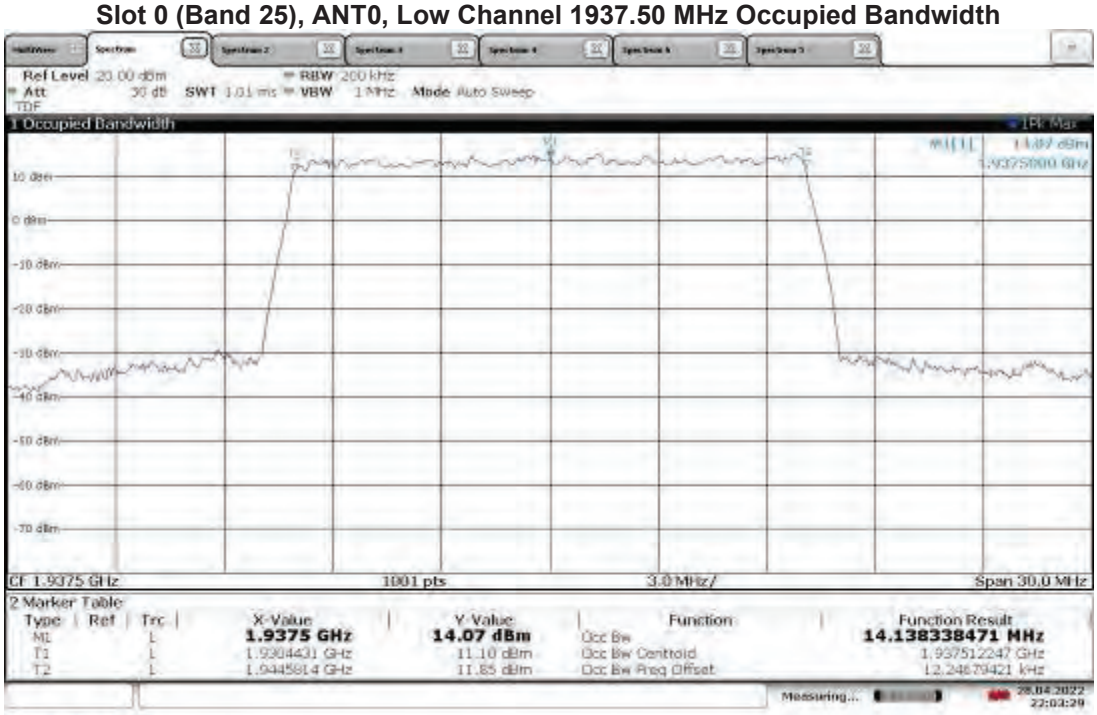
10:52:54 20.05.2022

TM3.1a-256QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz Occupied Bandwidth



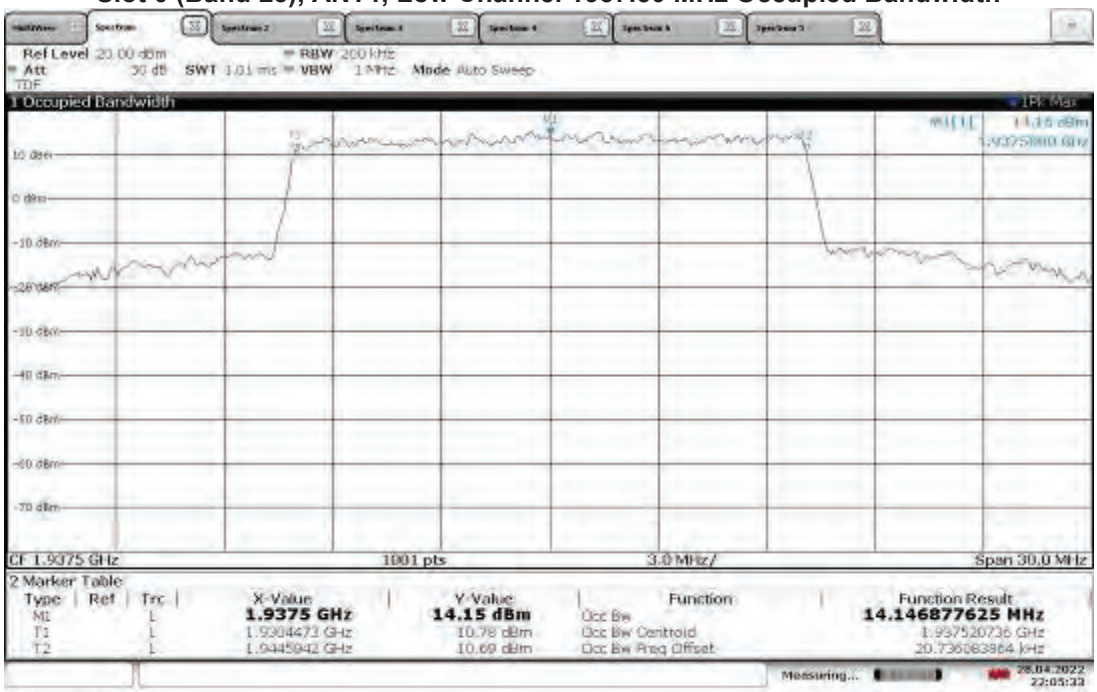
10:50:35 20.05.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz Occupied Bandwidth



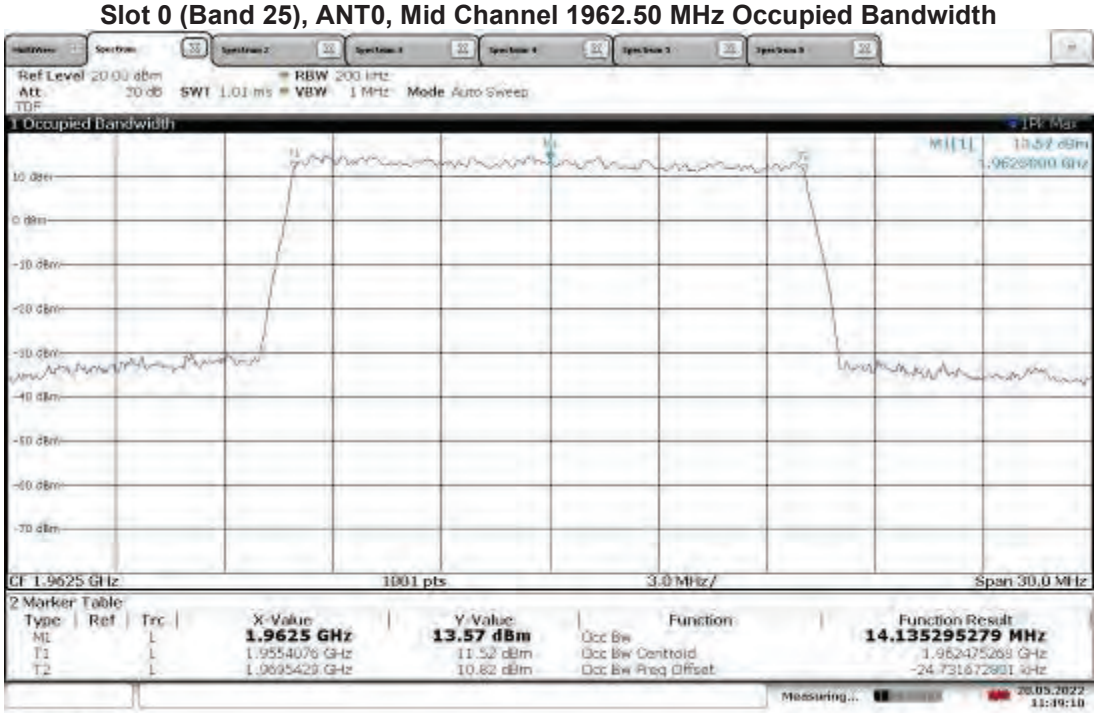
22:03:29 28.04.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz Occupied Bandwidth



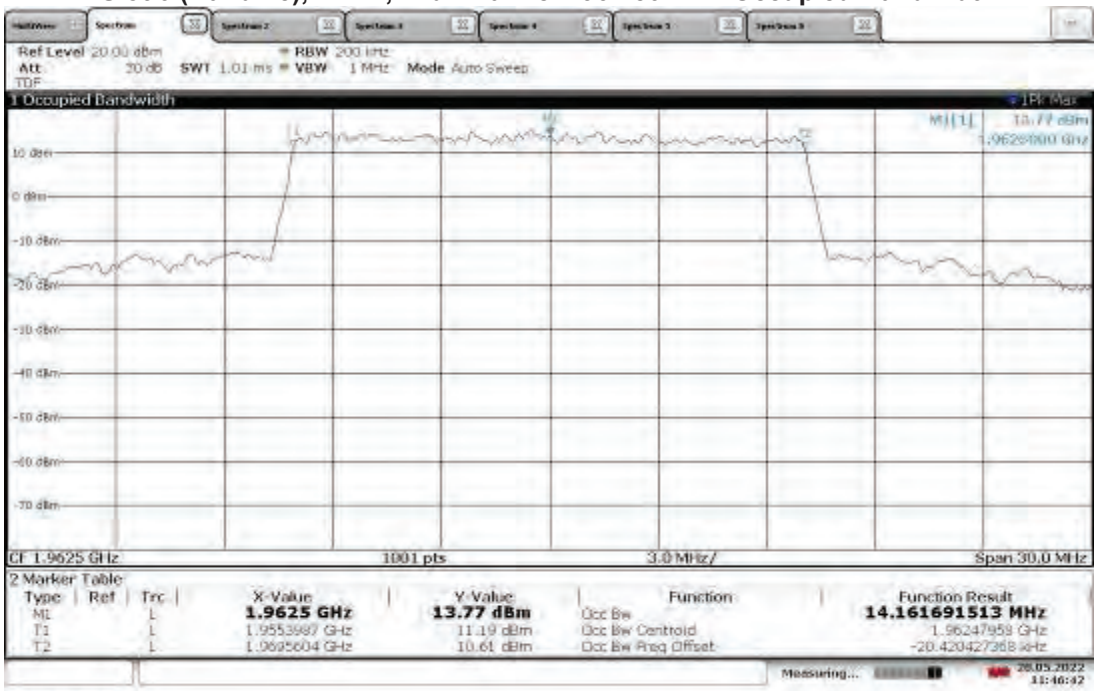
22:05:33 28.04.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



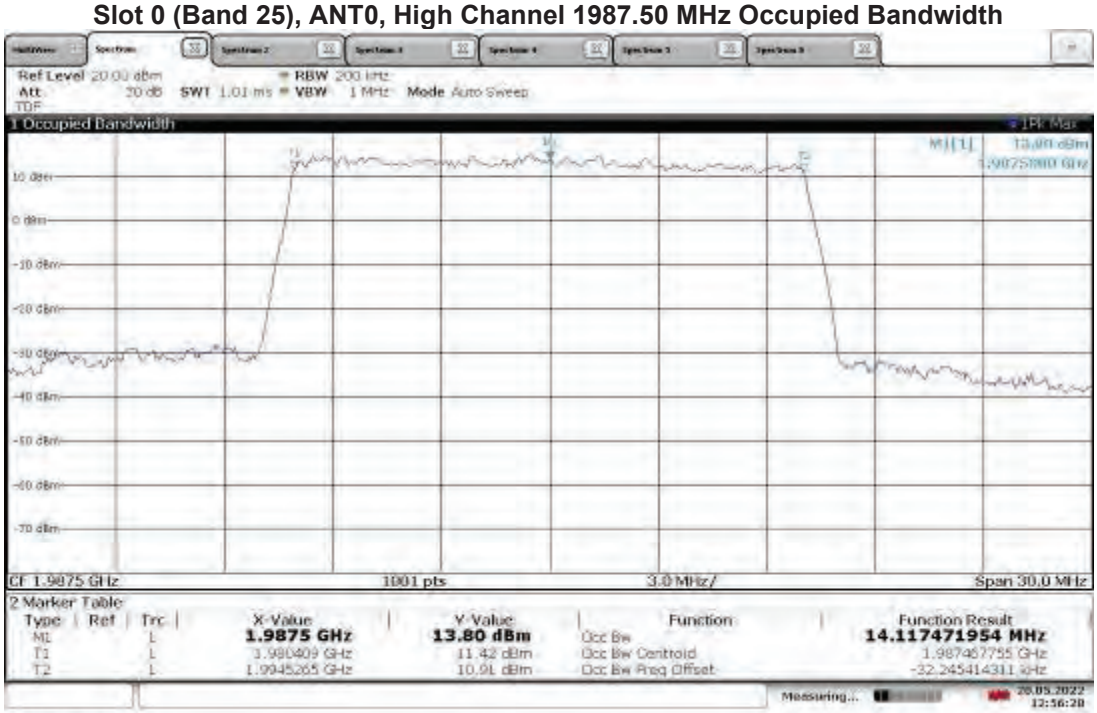
11:49:11 20.05.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth



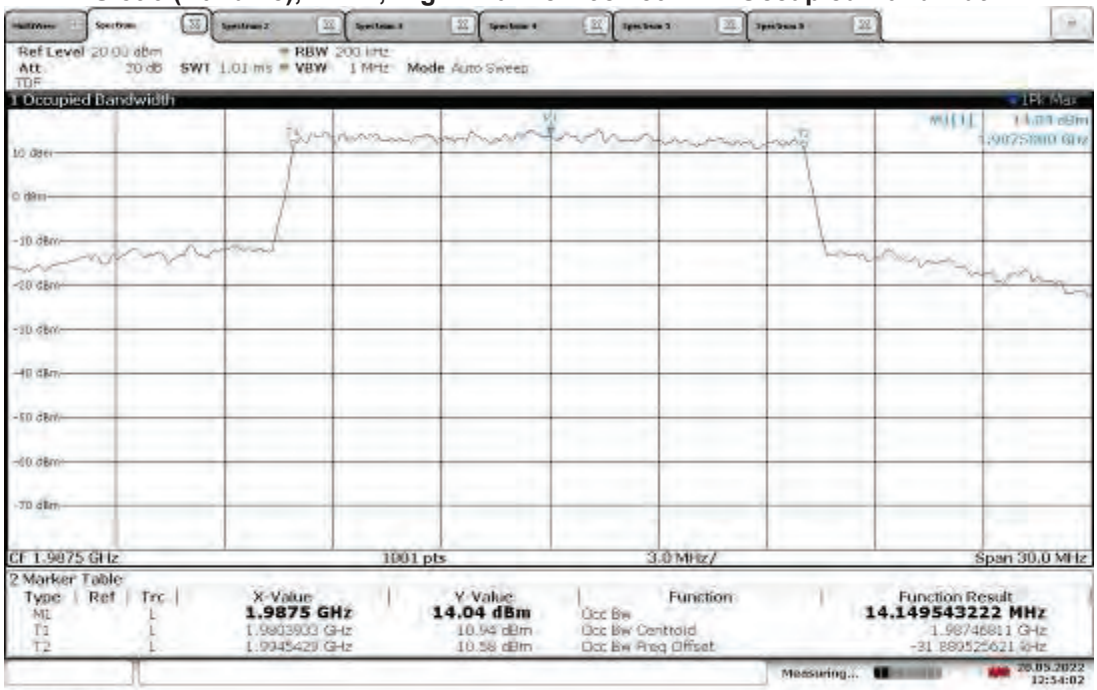
11:46:42 20.05.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz Occupied Bandwidth



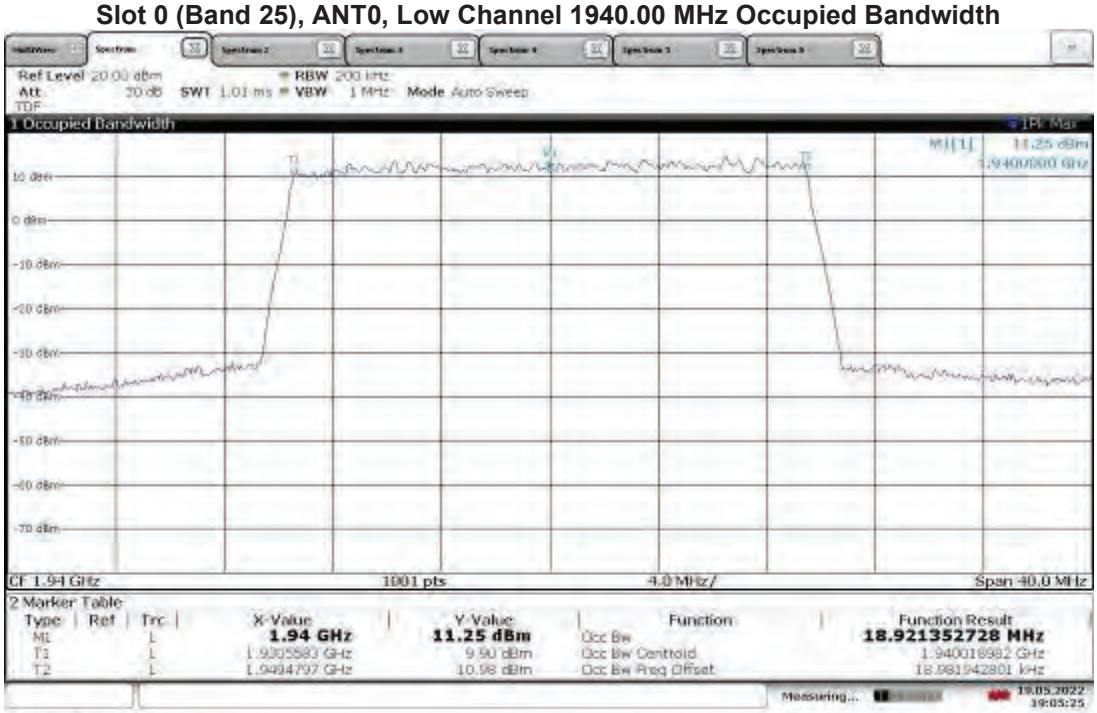
12:56:29 20.05.2022

TM3.1a-256QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz Occupied Bandwidth



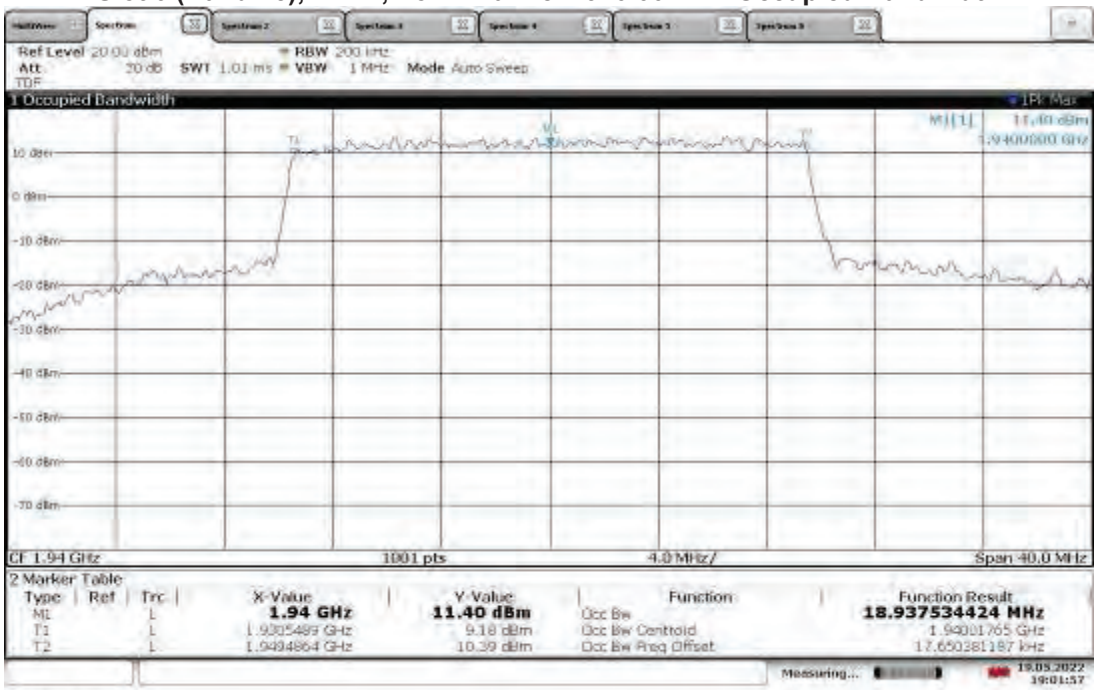
12:54:03 20.05.2022

TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz Occupied Bandwidth



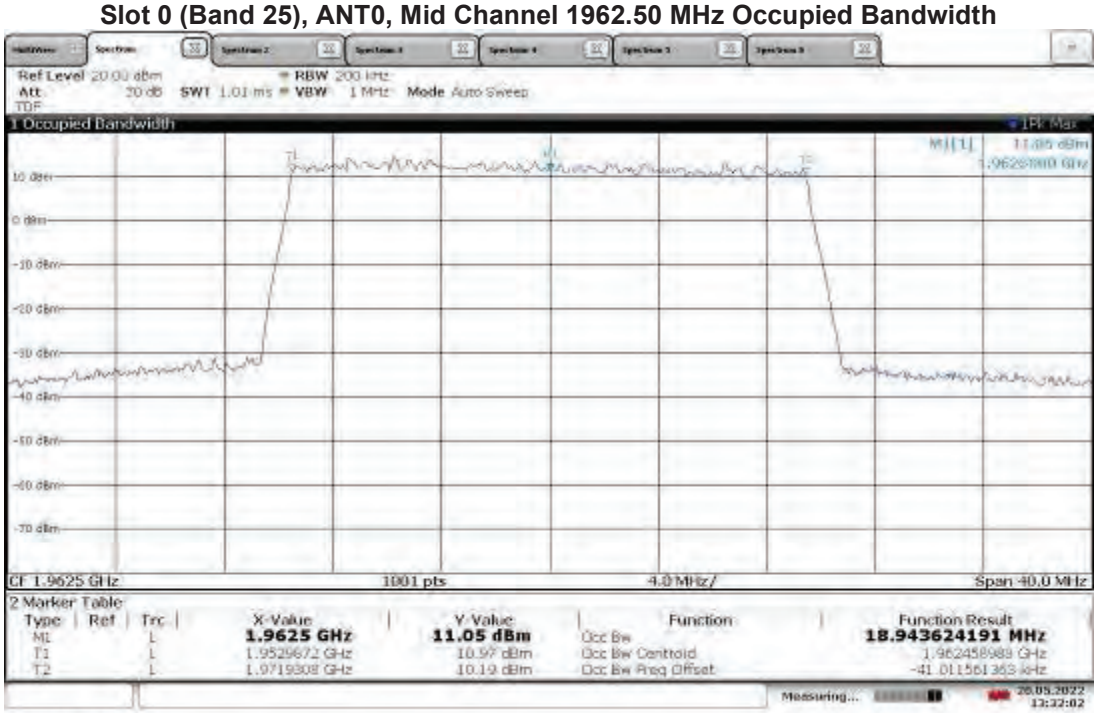
19:05:25 19.05.2022

TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz Occupied Bandwidth

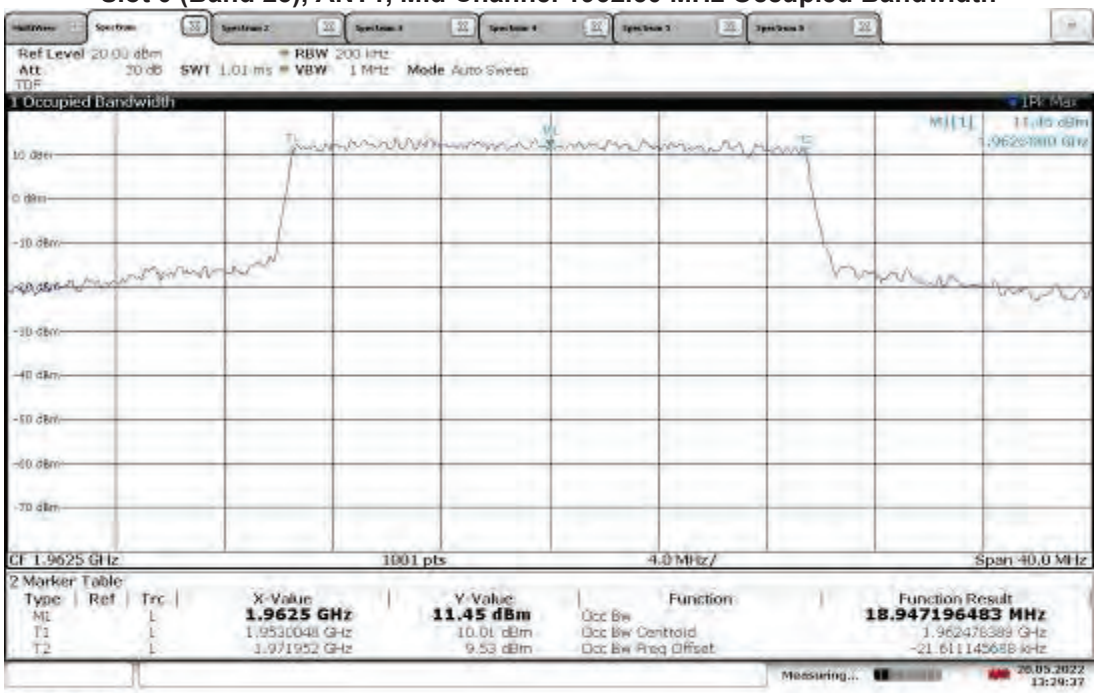


19:01:57 19.05.2022

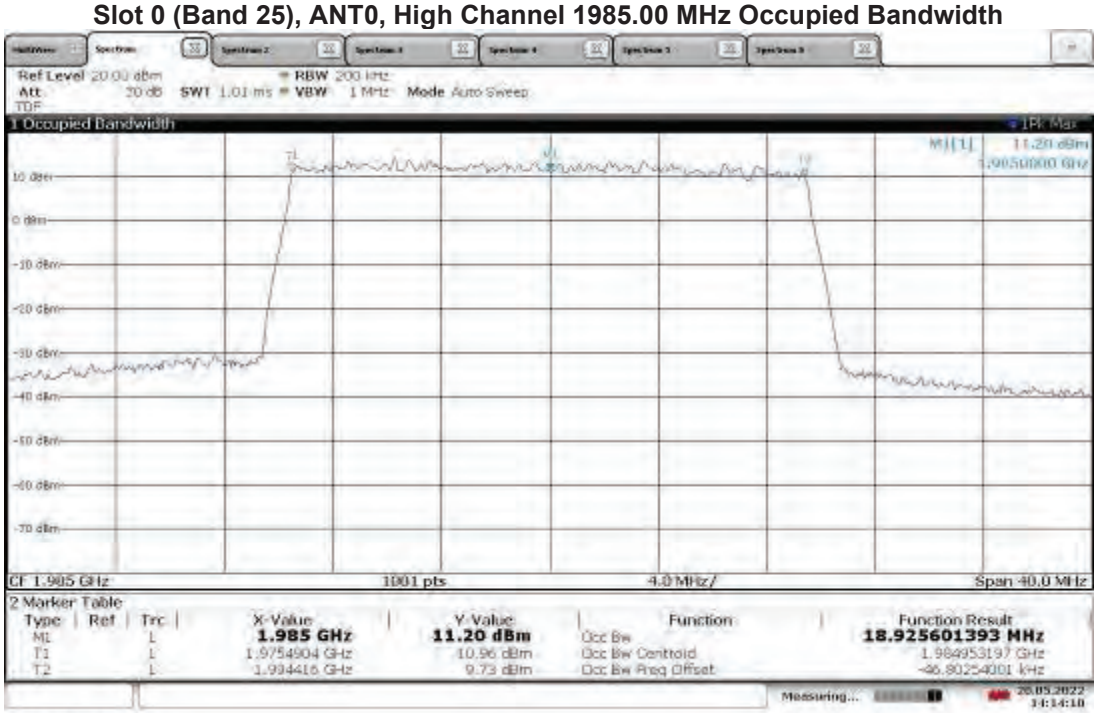
TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz Occupied Bandwidth



TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz Occupied Bandwidth

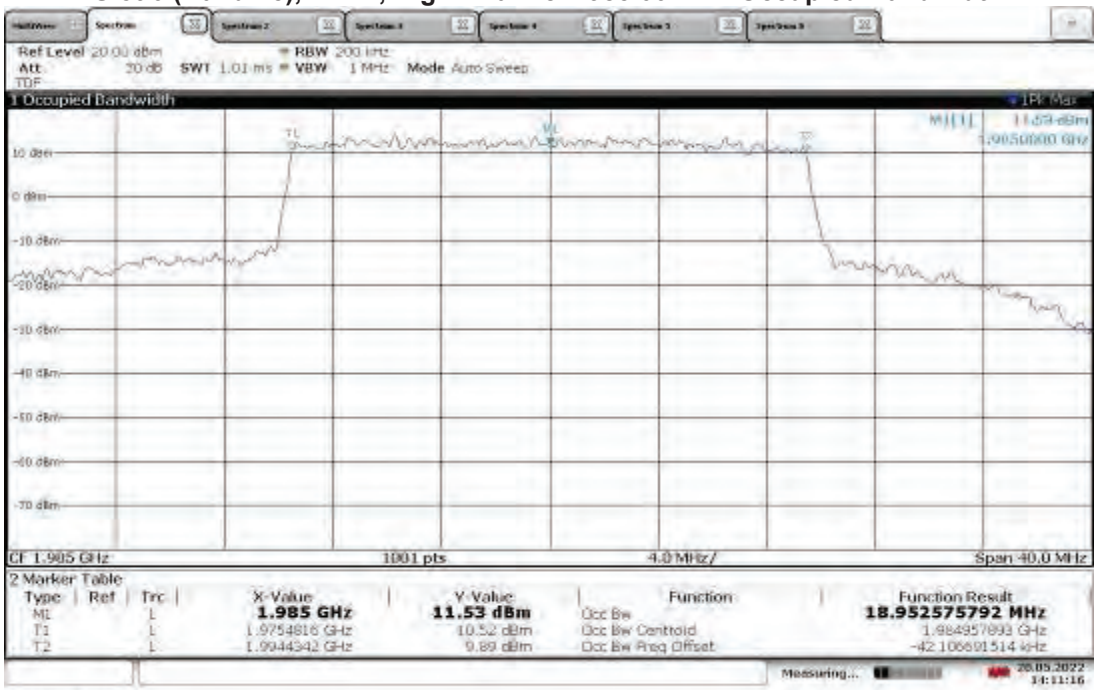


TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz Occupied Bandwidth



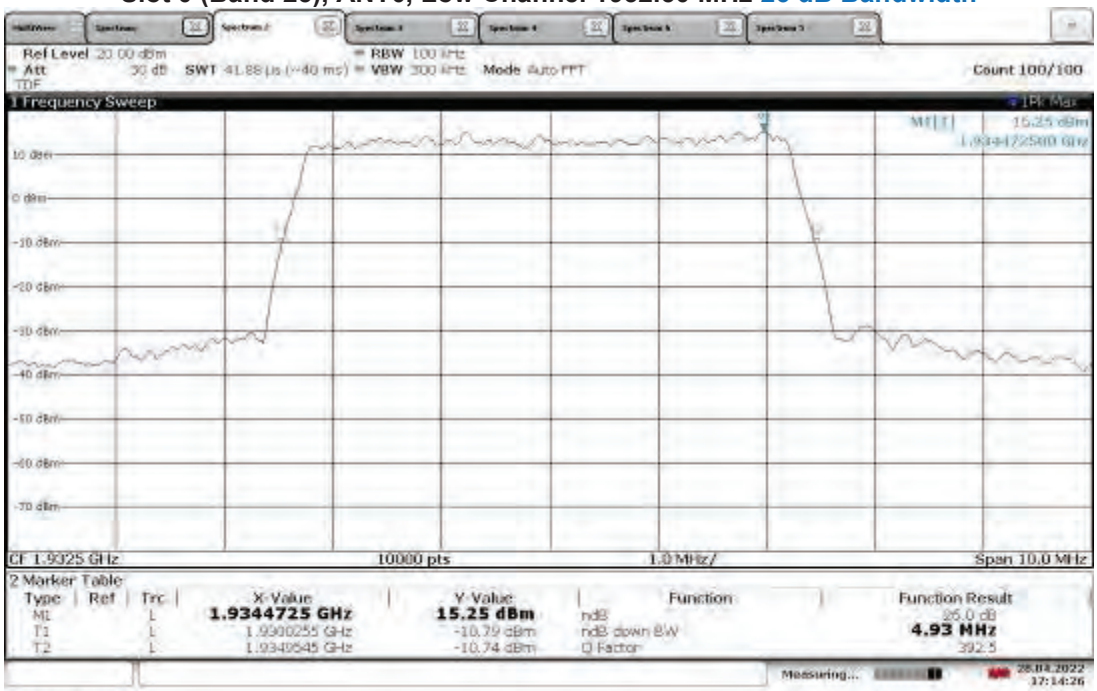
14:14:10 20.05.2022

TM3.1a-256QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz Occupied Bandwidth



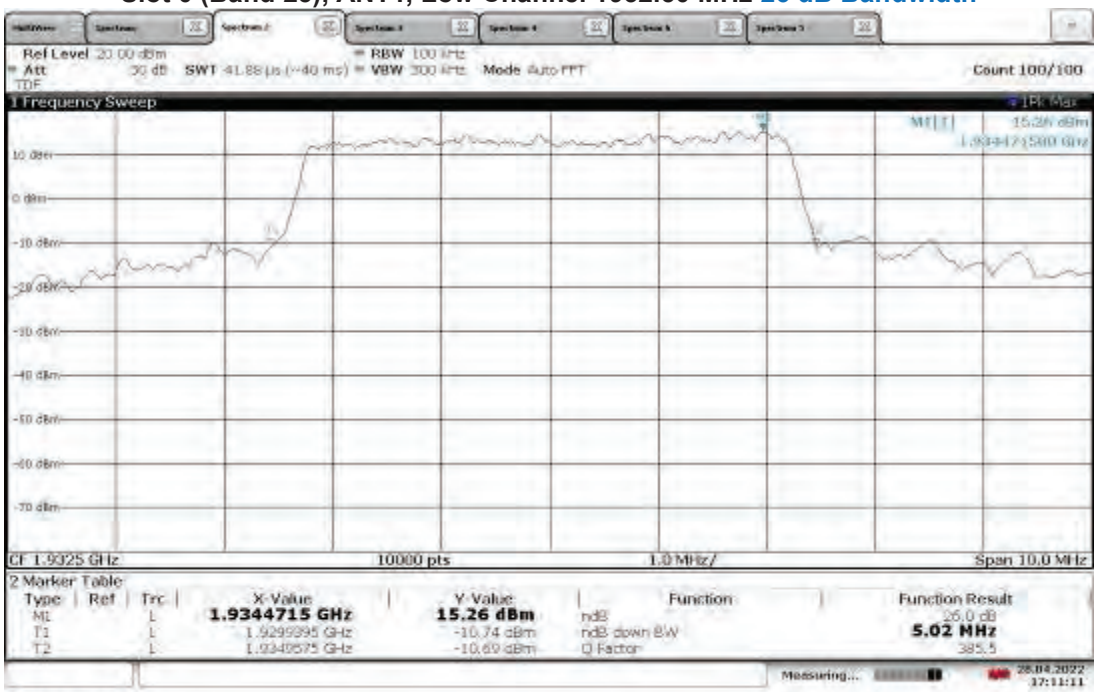
14:11:16 20.05.2022

QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz 26 dB Bandwidth



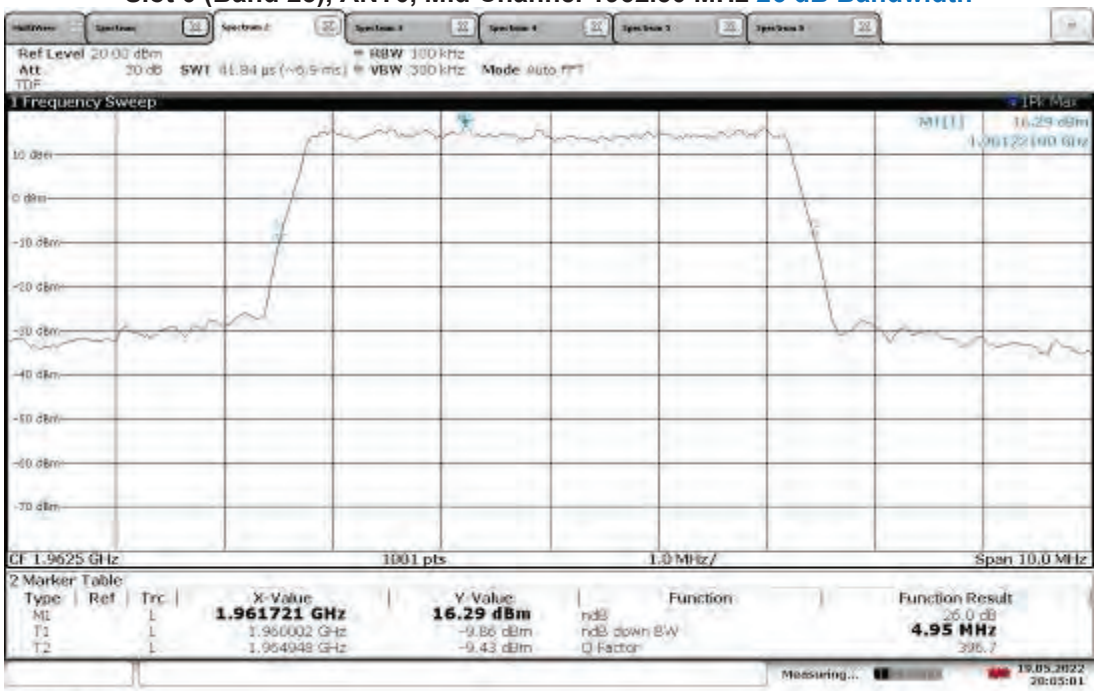
17:14:26 28.04.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz 26 dB Bandwidth



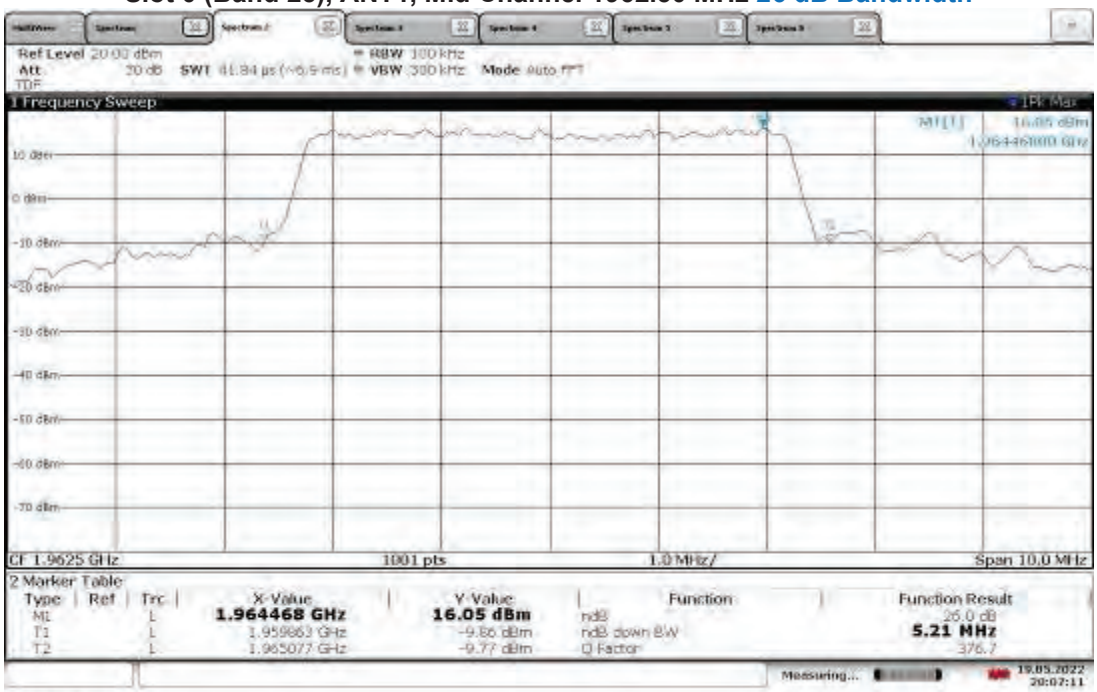
17:11:12 28.04.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



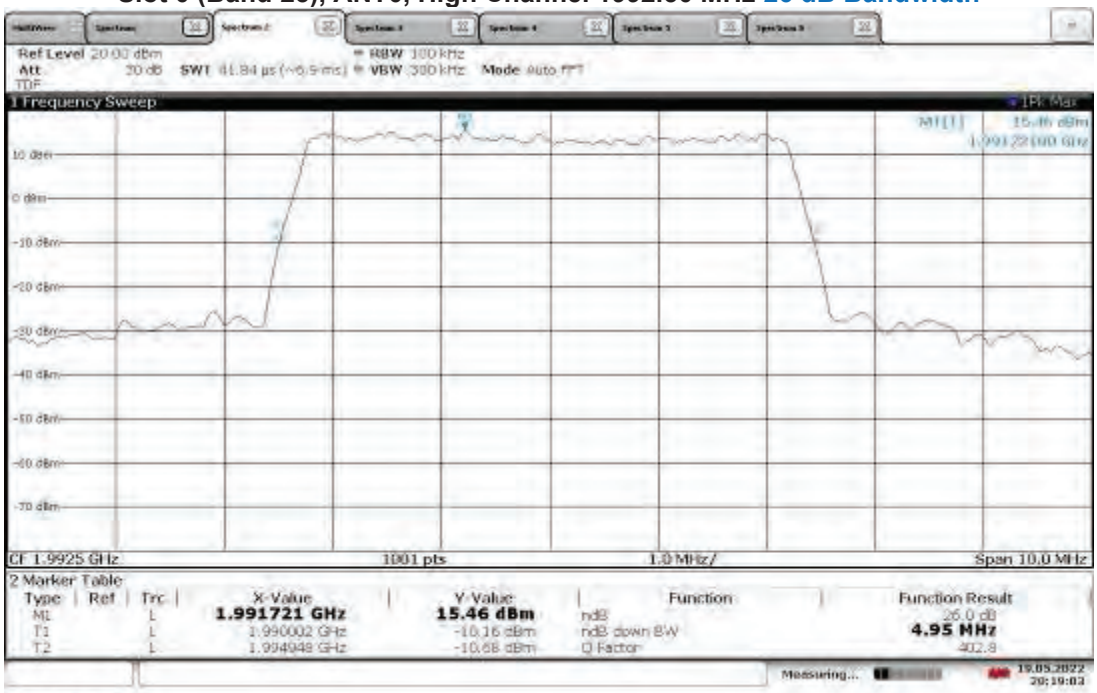
20:05:01 19.05.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



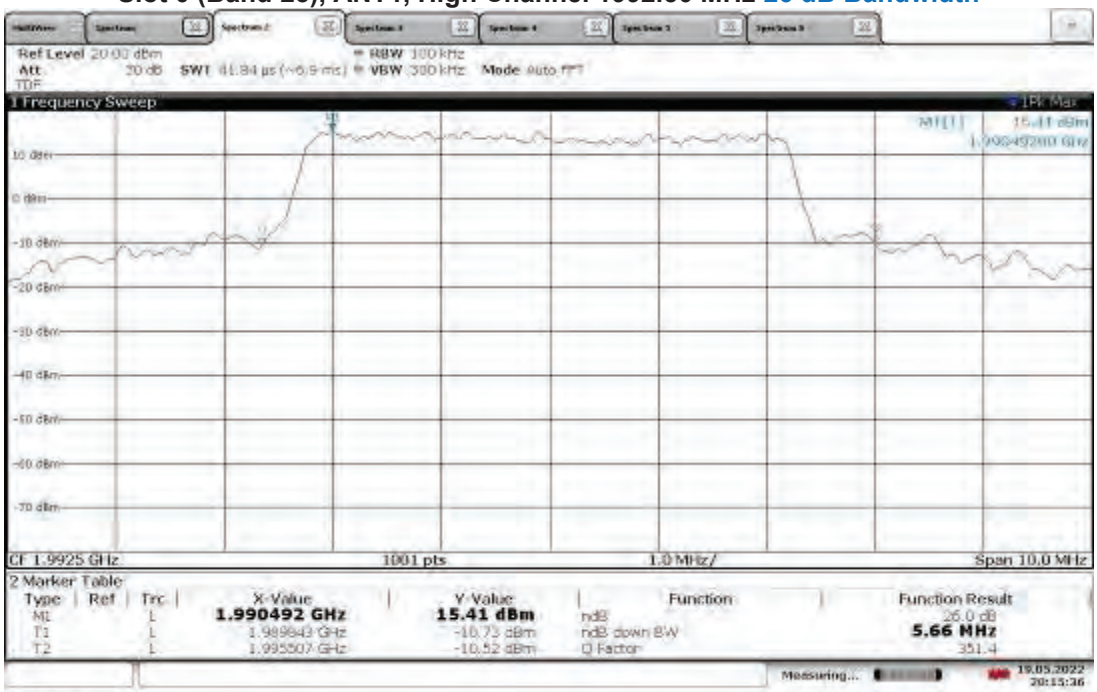
20:07:11 19.05.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz 26 dB Bandwidth



20:19:03 19.05.2022

TM1.1-QPSK_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz 26 dB Bandwidth



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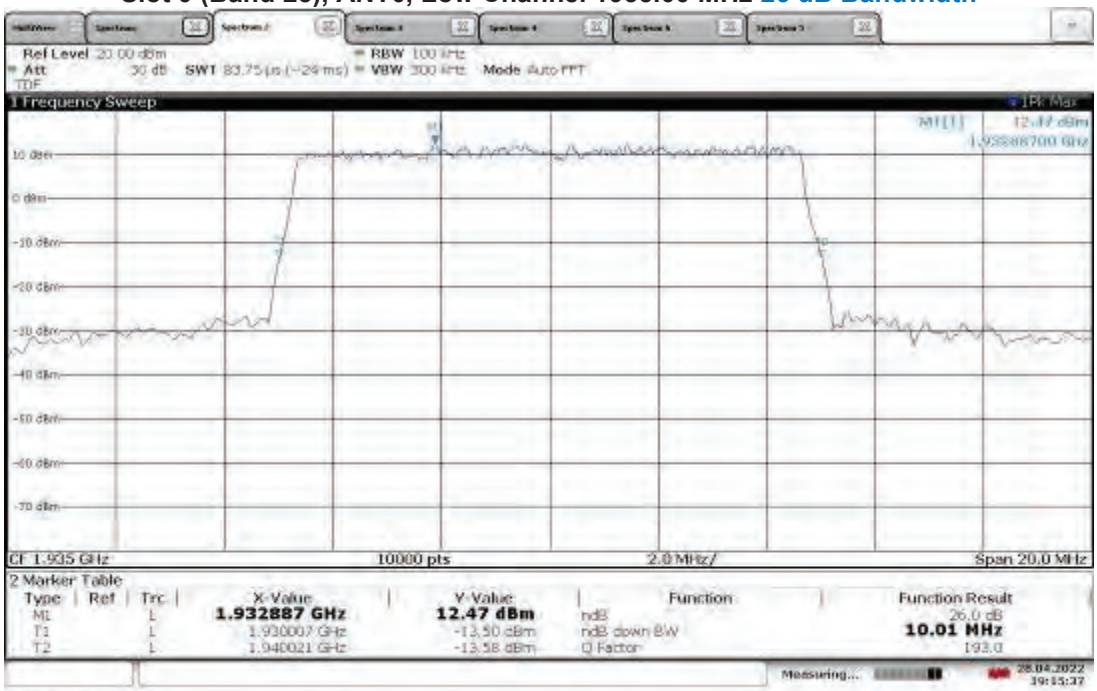
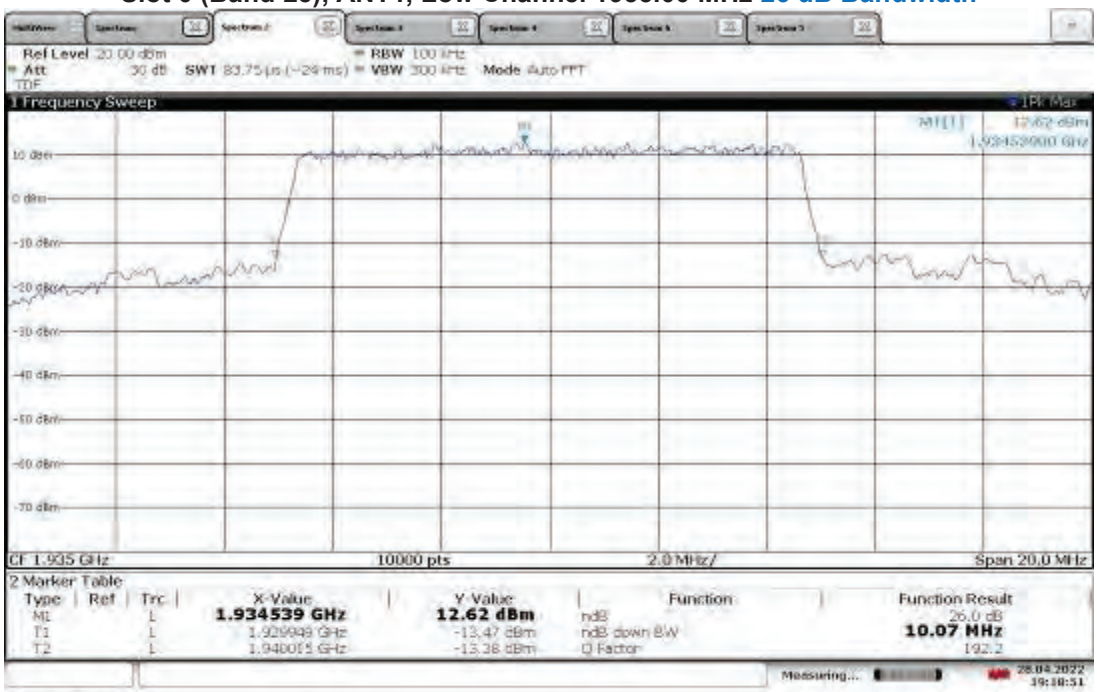
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz 26 dB Bandwidth



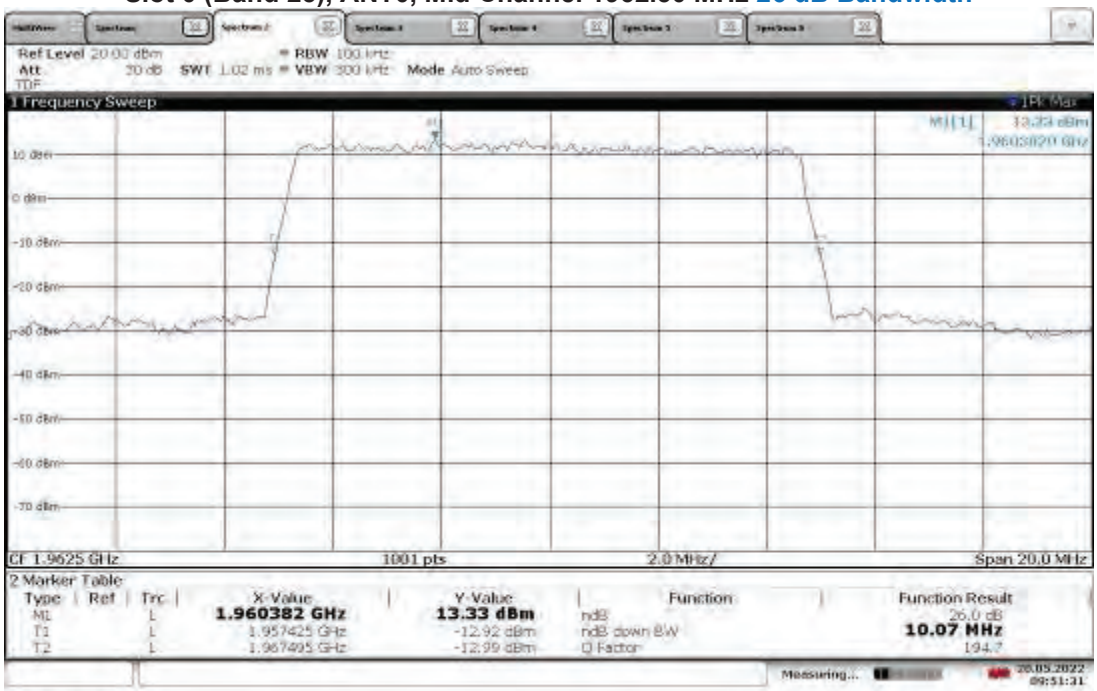
19:15:37 28.04.2022

TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz 26 dB Bandwidth

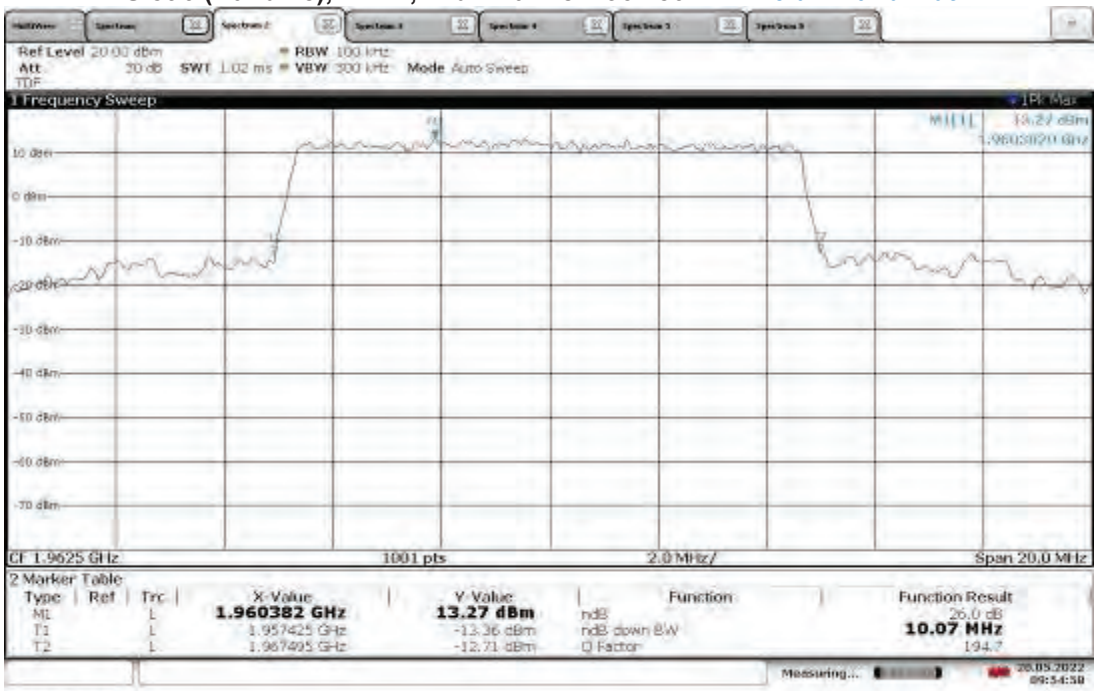


19:18:51 28.04.2022

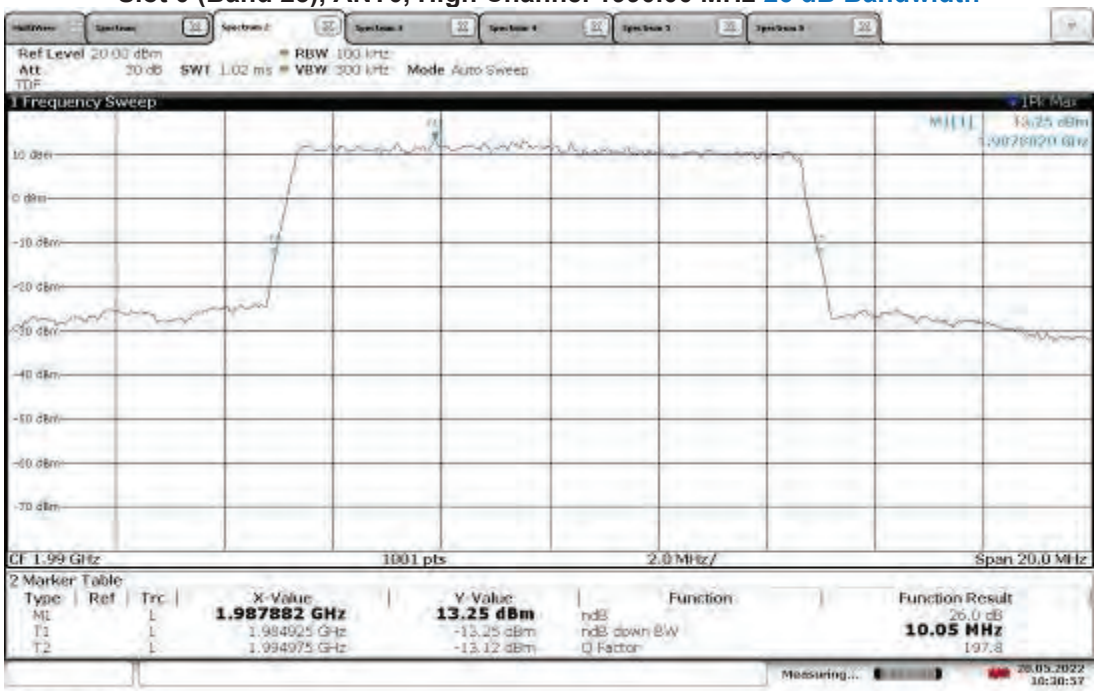
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz 26 dB Bandwidth



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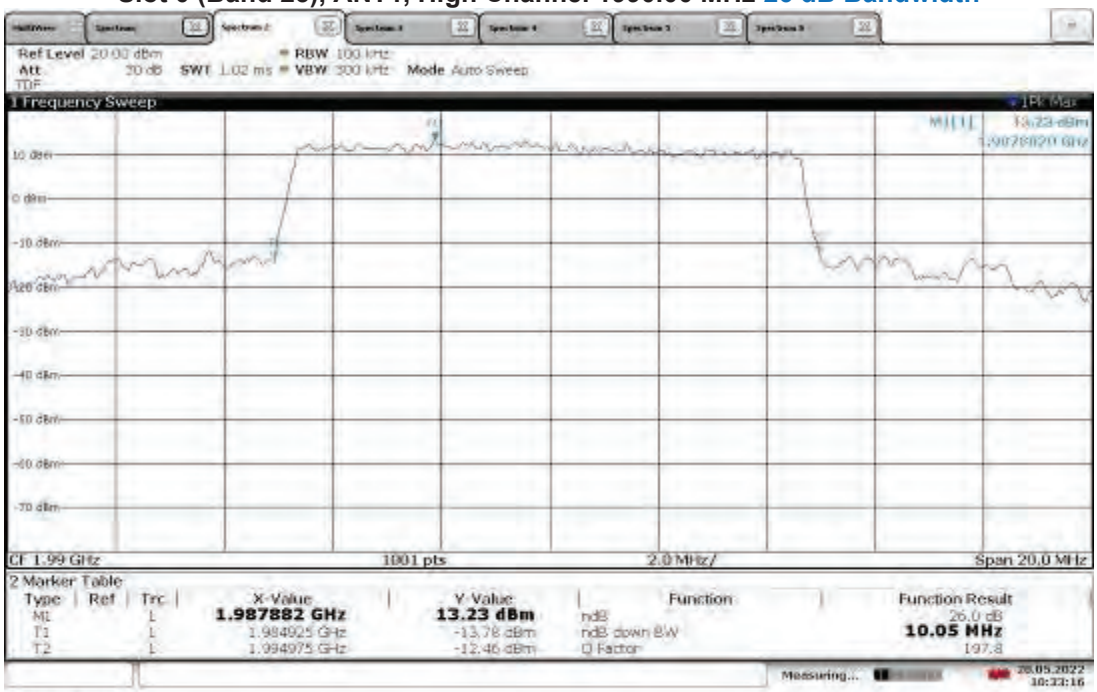
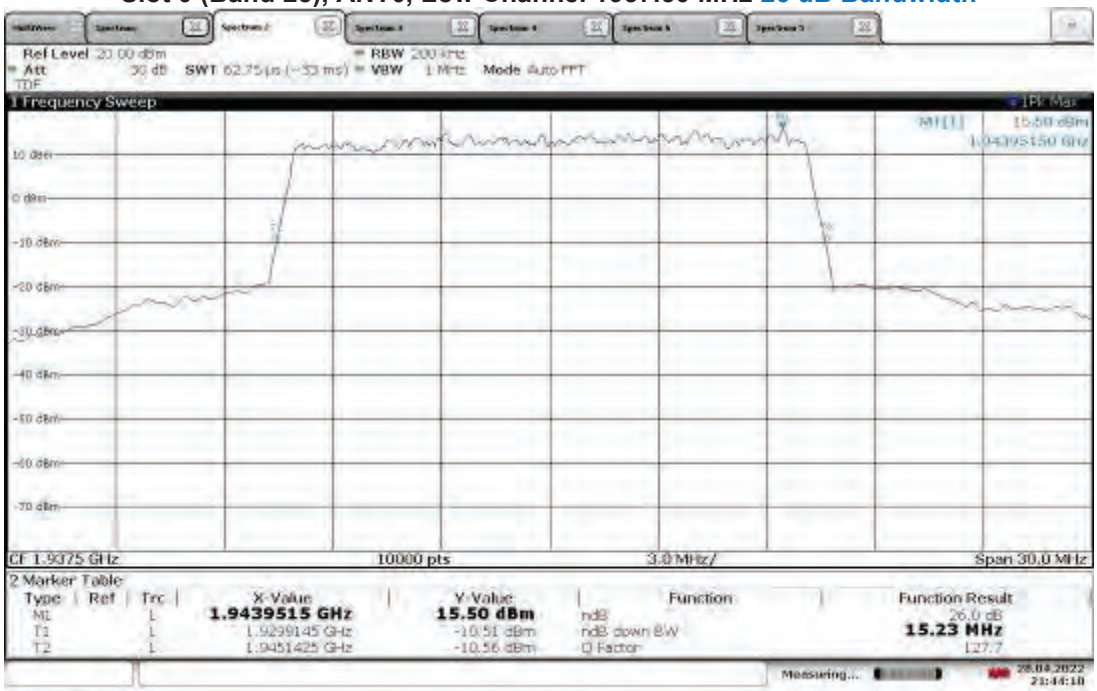
TM1.1-QPSK_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz 26 dB Bandwidth

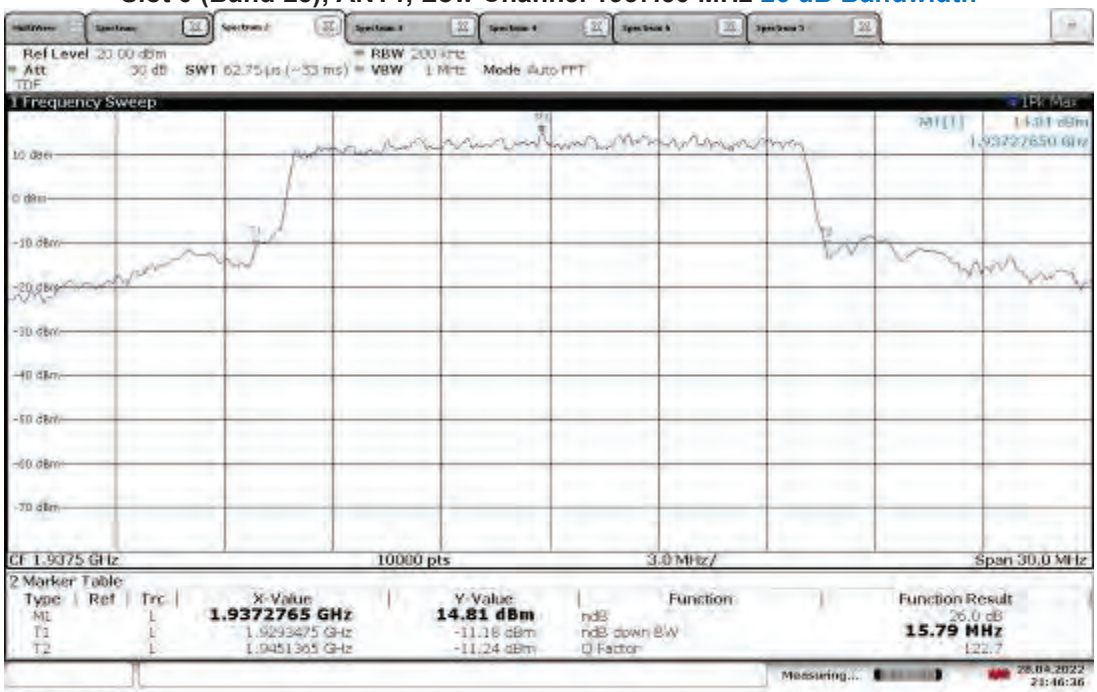


10:33:16 20.05.2022

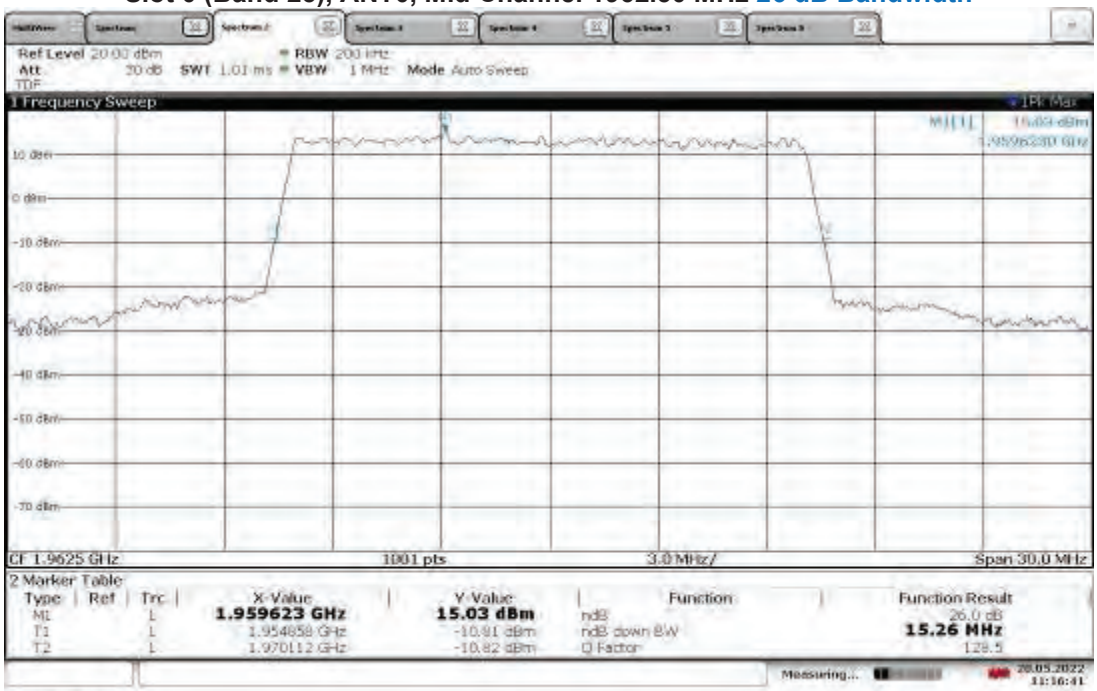
TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz 26 dB Bandwidth



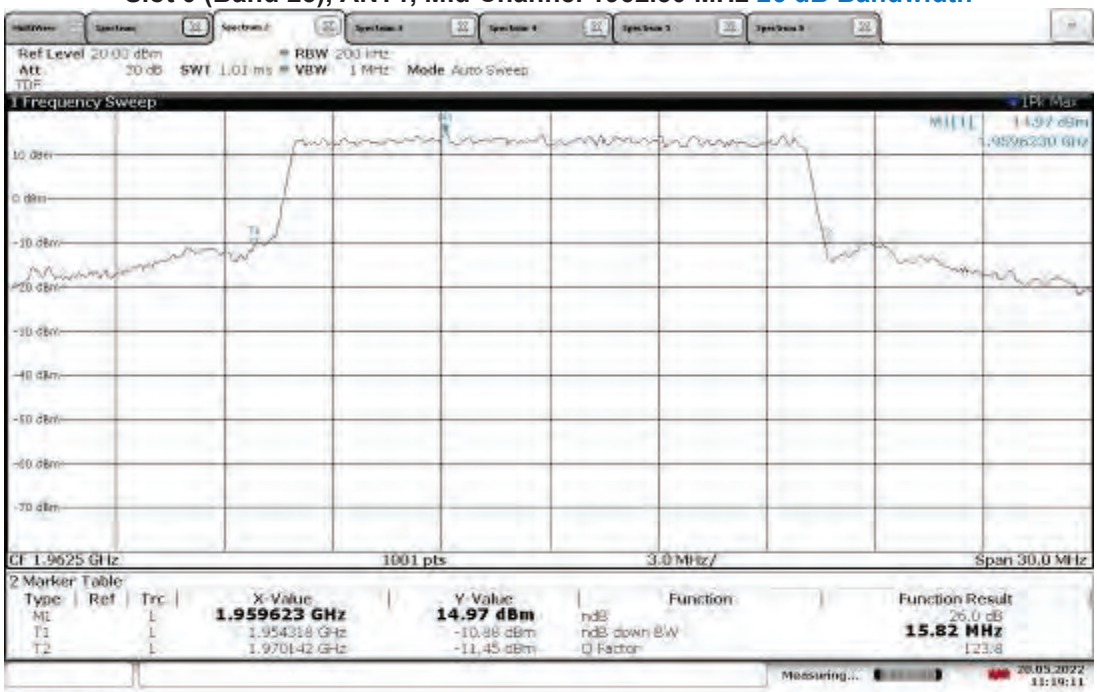
TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz 26 dB Bandwidth



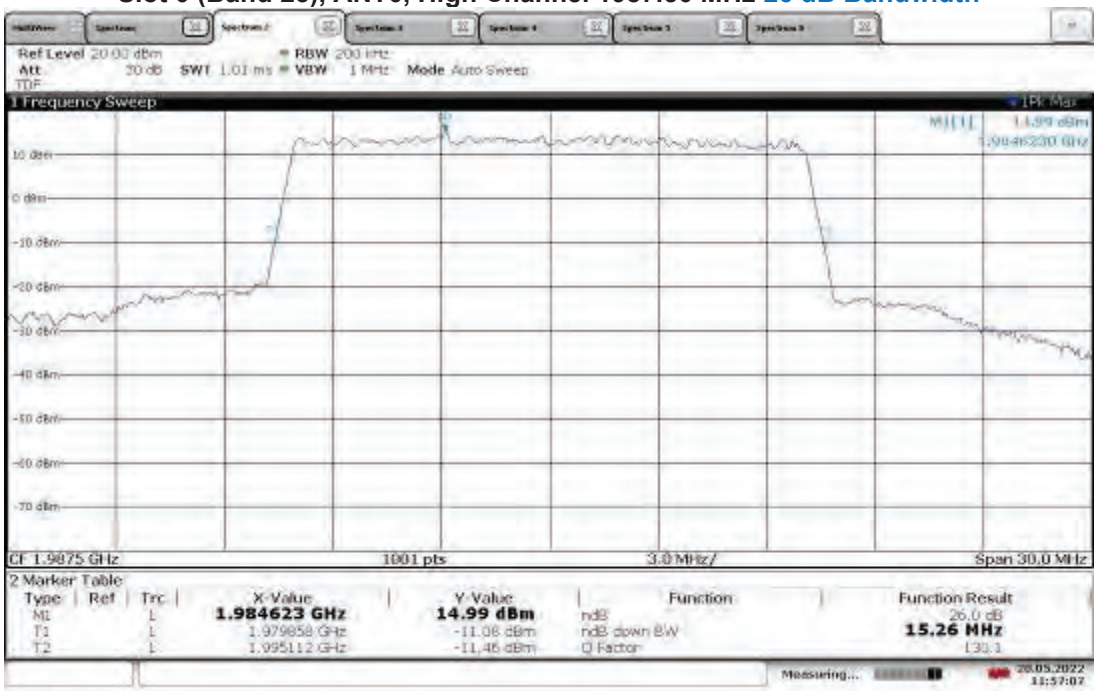
TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth

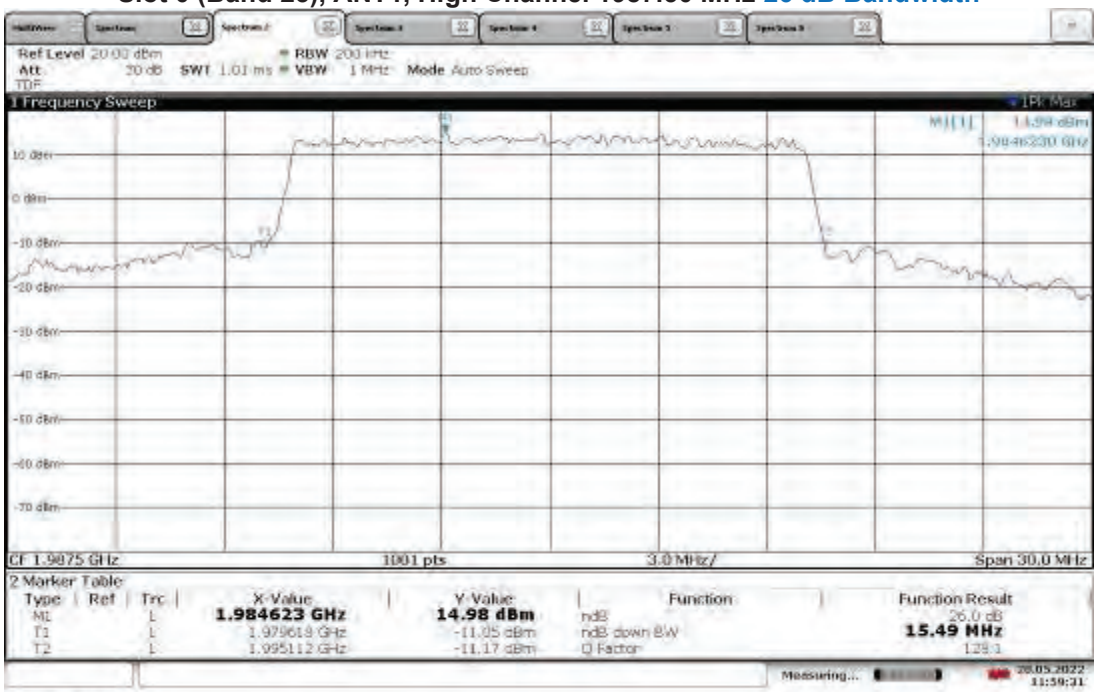


TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz 26 dB Bandwidth



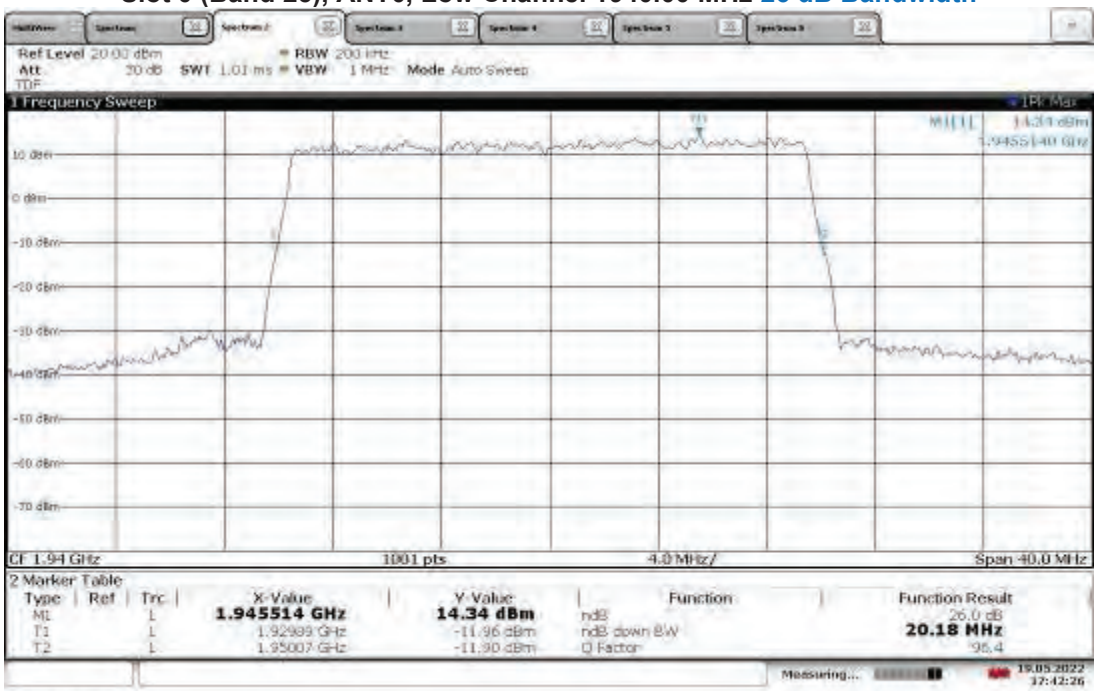
11:57:07 20.05.2022

TM1.1-QPSK_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz 26 dB Bandwidth

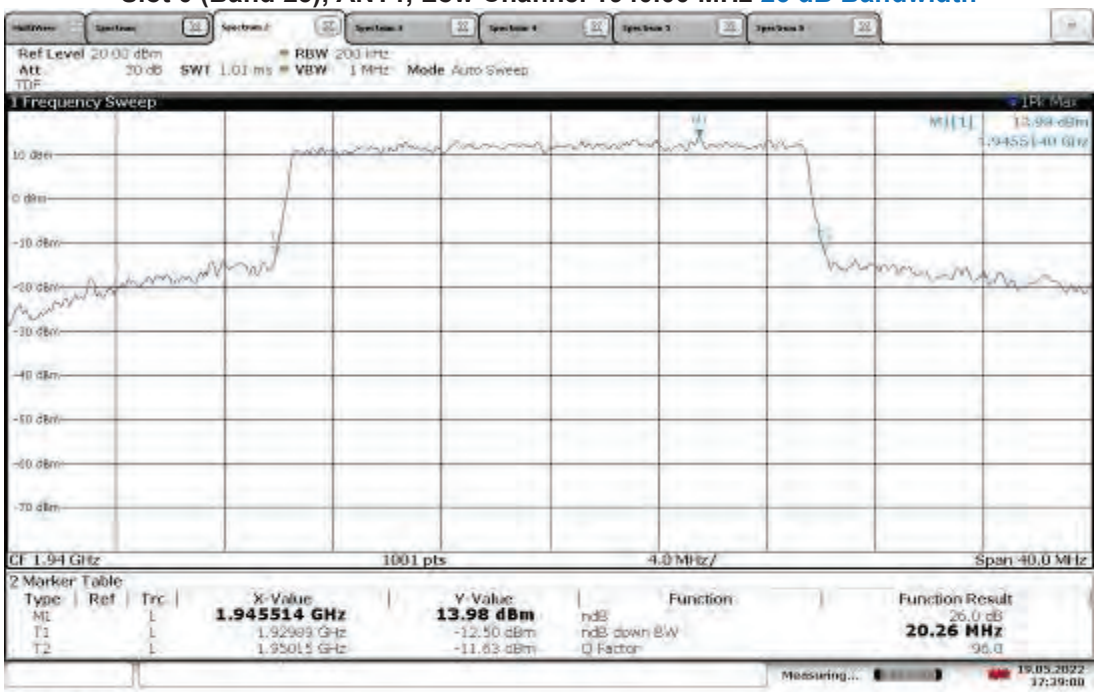


11:59:31 20.05.2022

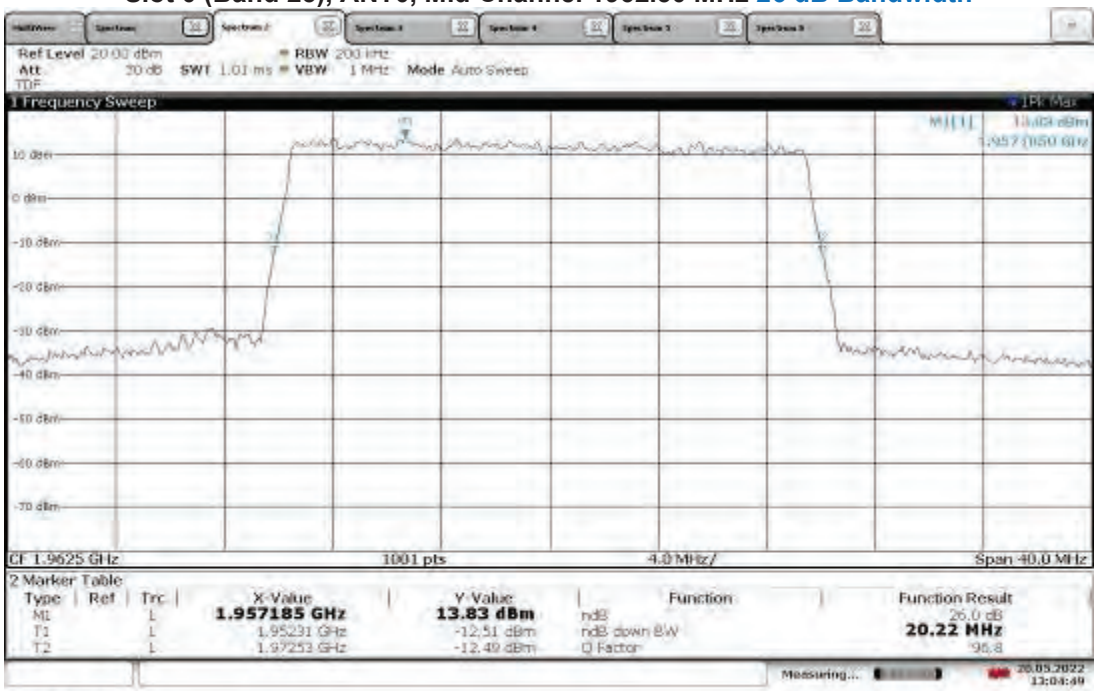
TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz 26 dB Bandwidth



TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz 26 dB Bandwidth

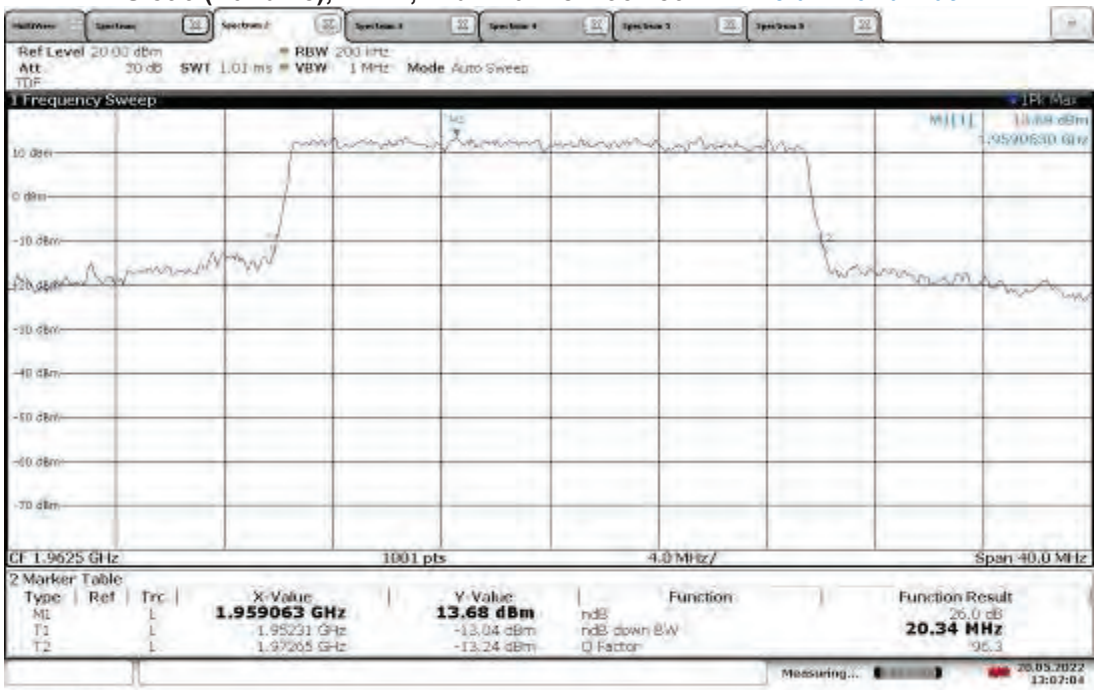


TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



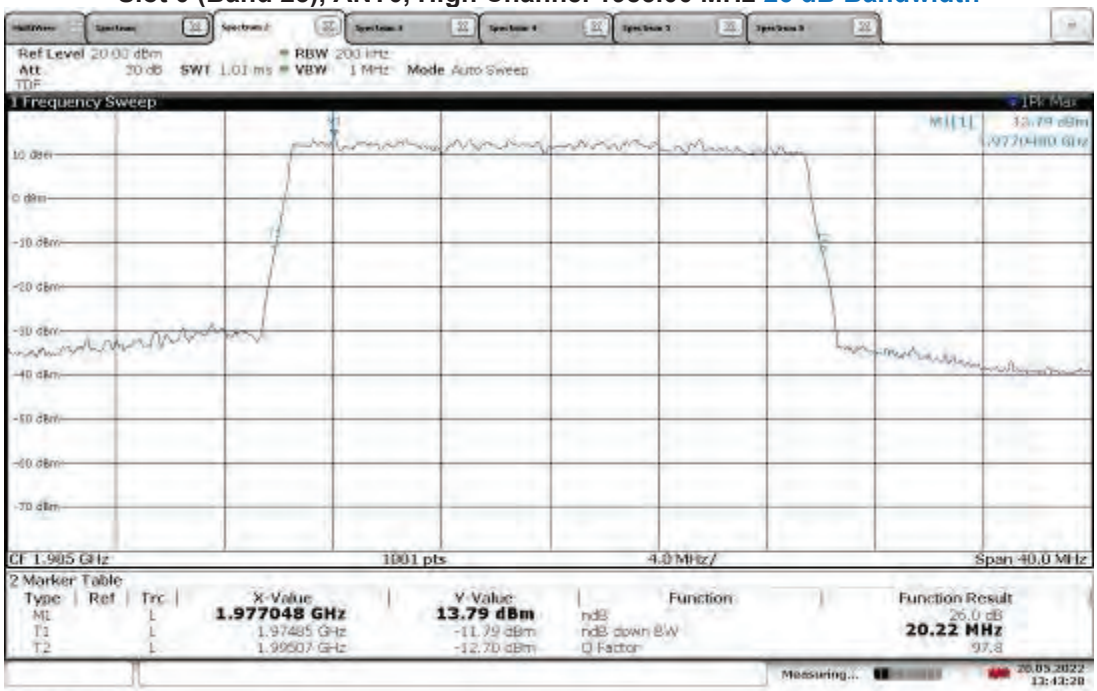
13:04:49 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



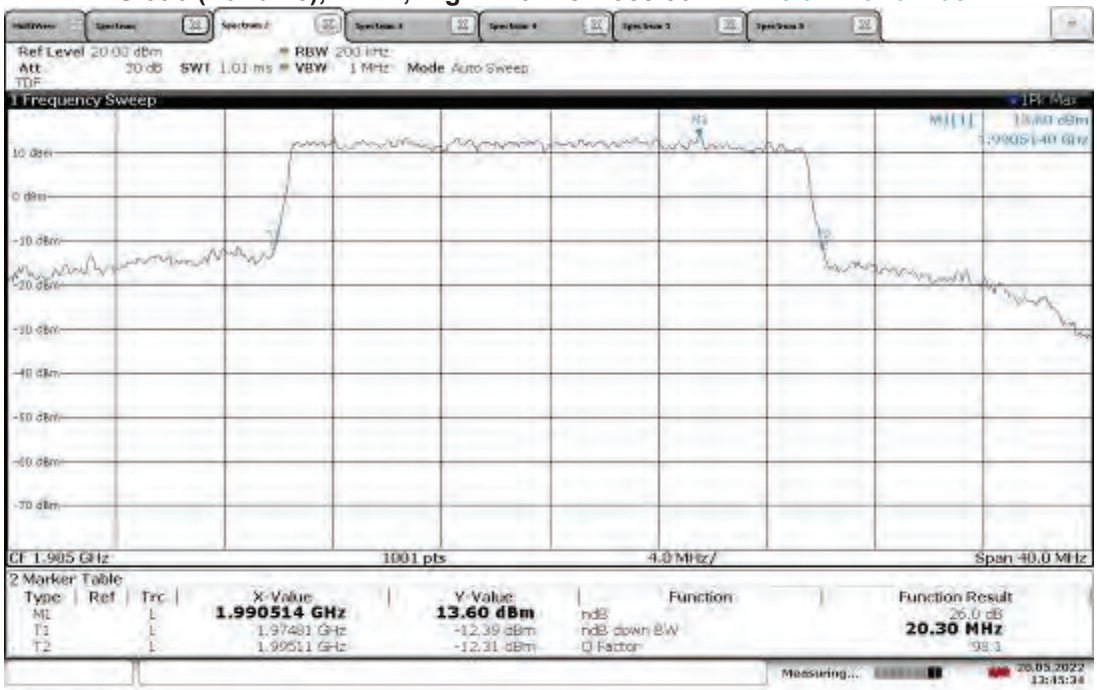
13:07:04 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz 26 dB Bandwidth



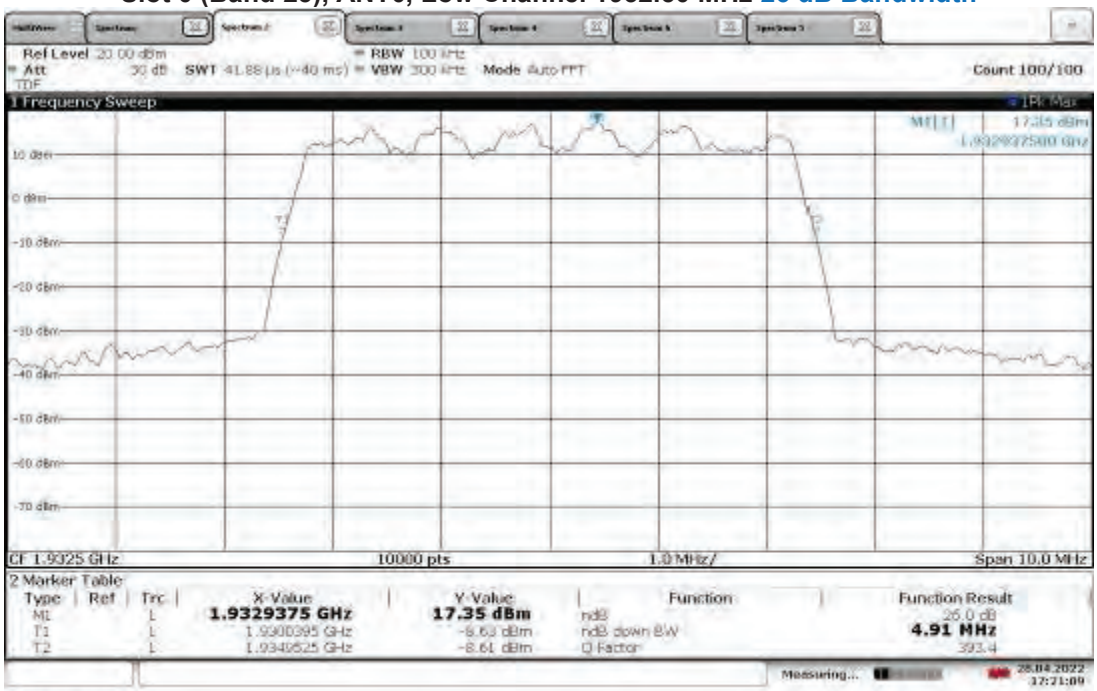
13:43:28 20.05.2022

TM1.1-QPSK_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz 26 dB Bandwidth



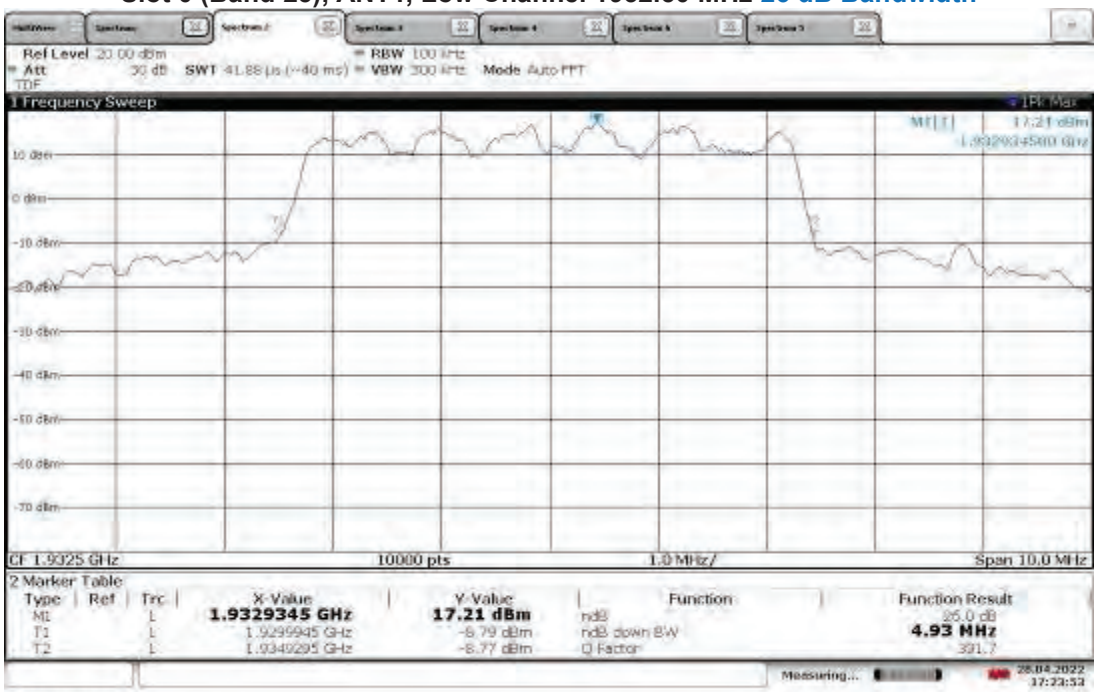
13:45:34 20.05.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz 26 dB Bandwidth



17:21:09 28.04.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz 26 dB Bandwidth



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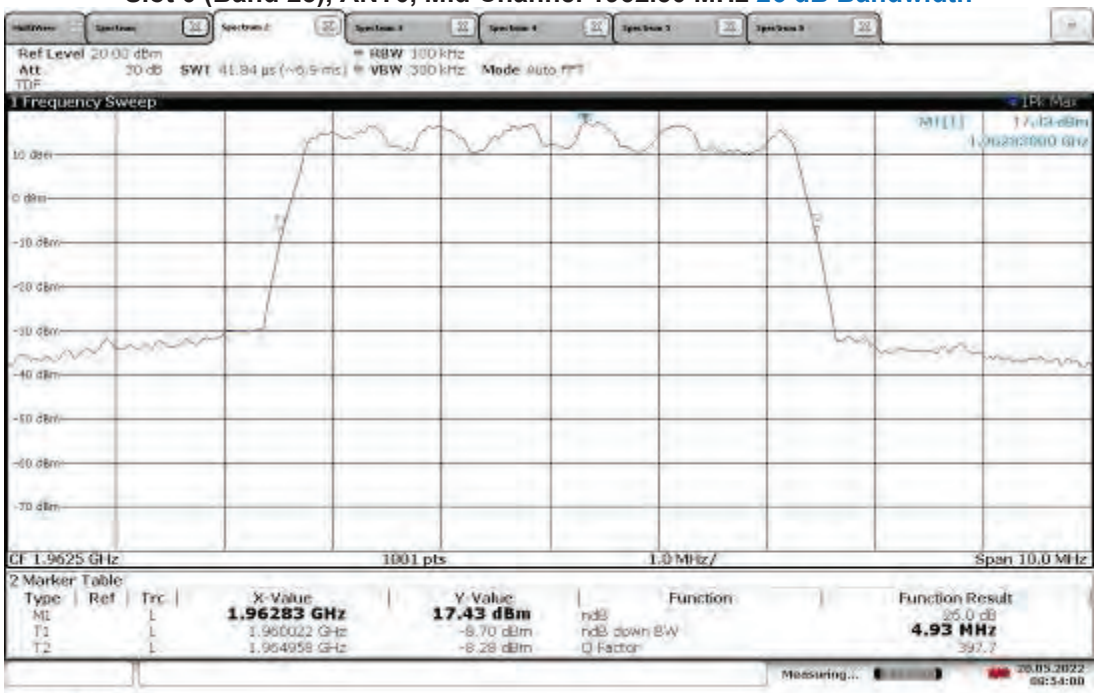
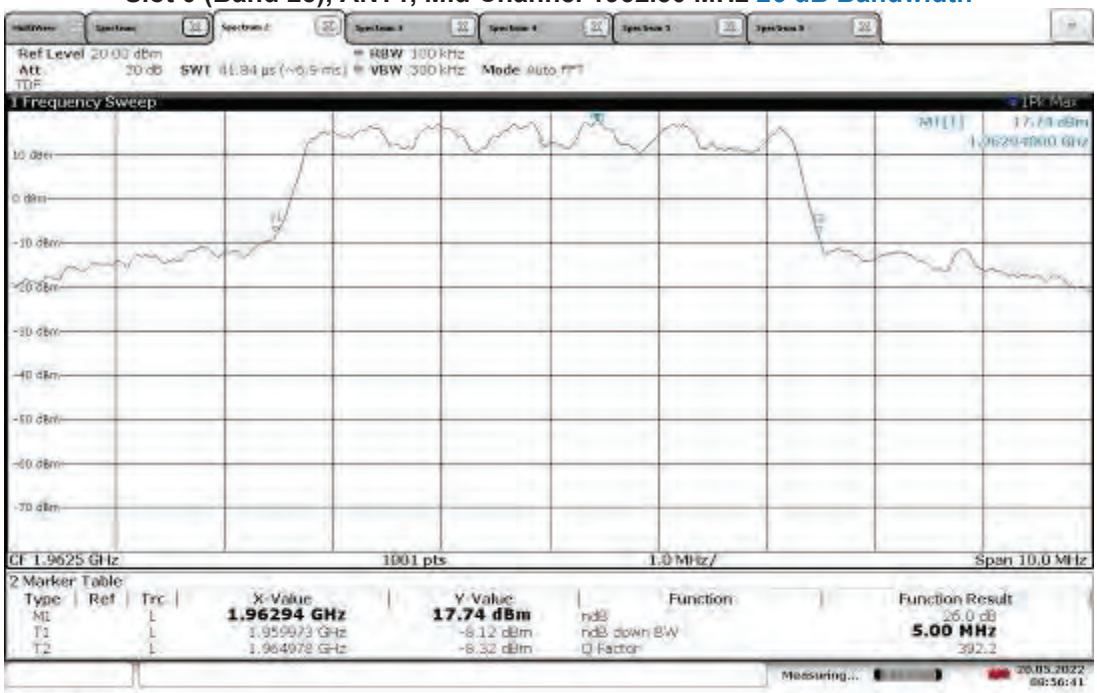
TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



08:54:00 20.05.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



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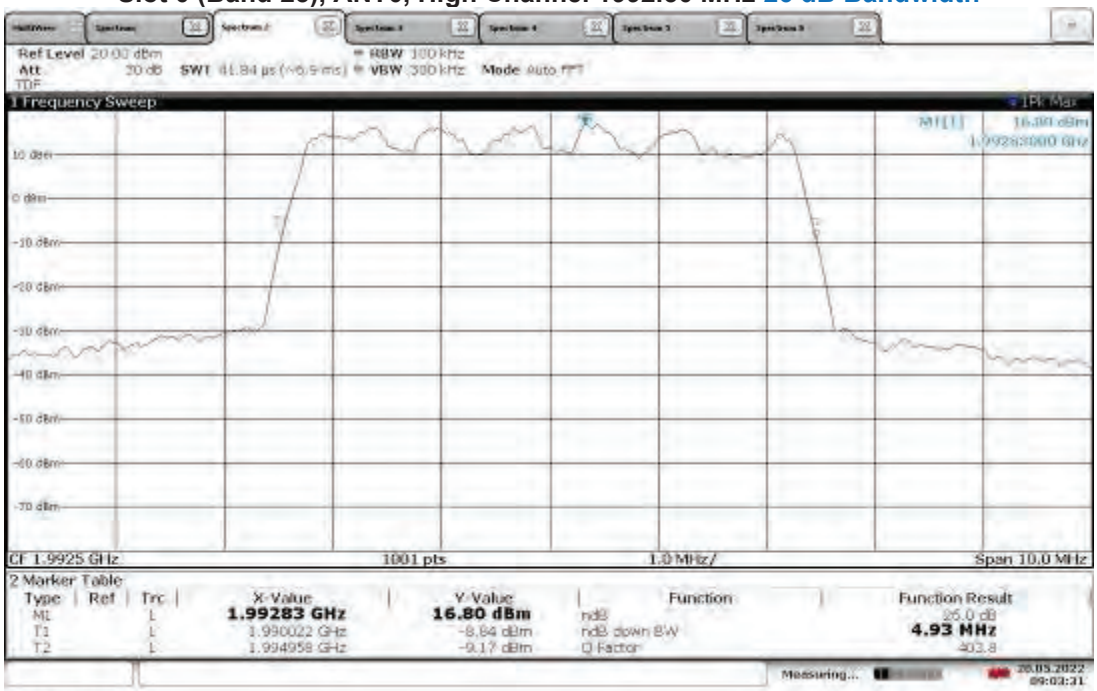
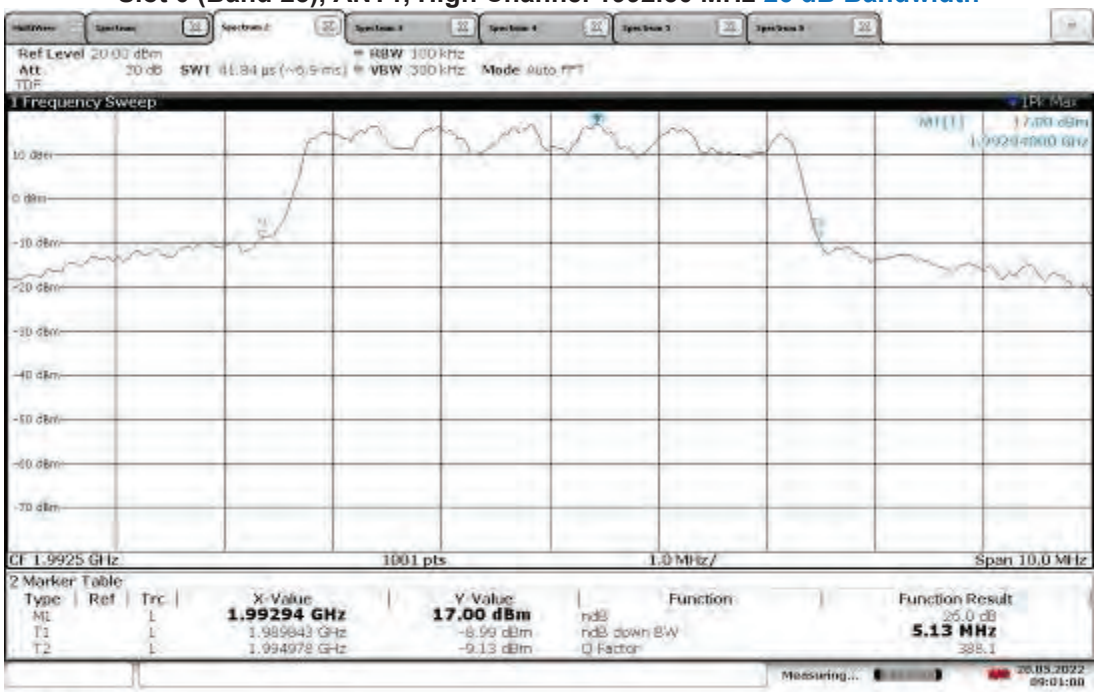
TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1992.50 MHz 26 dB Bandwidth



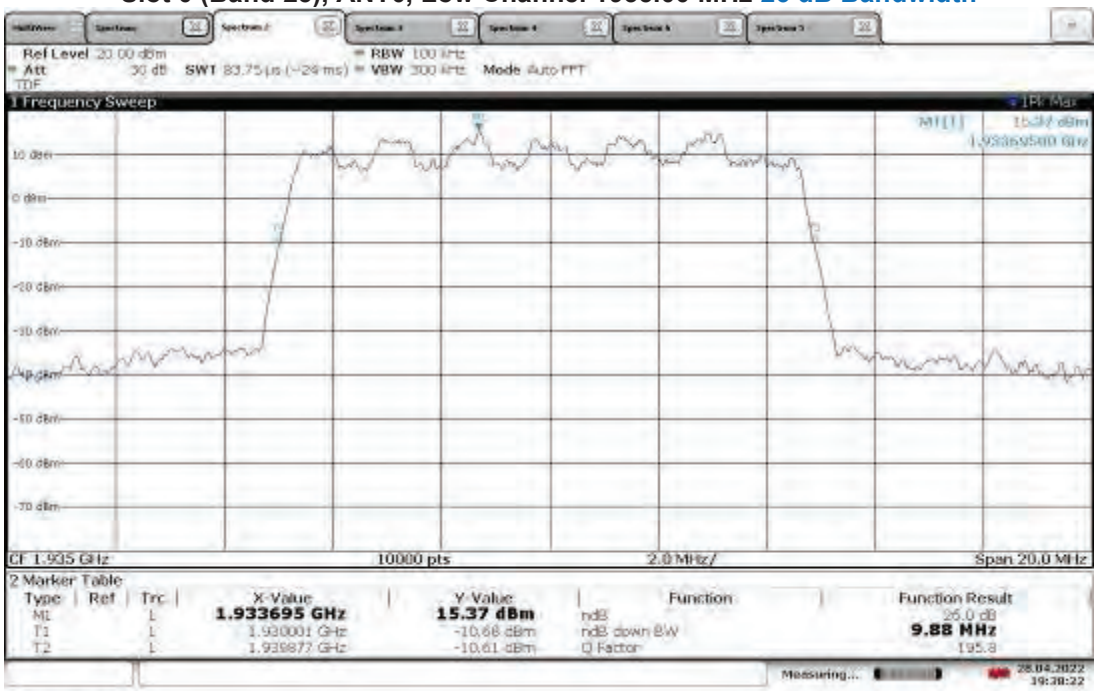
09:03:31 20.05.2022

TM3.2-16QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1992.50 MHz 26 dB Bandwidth



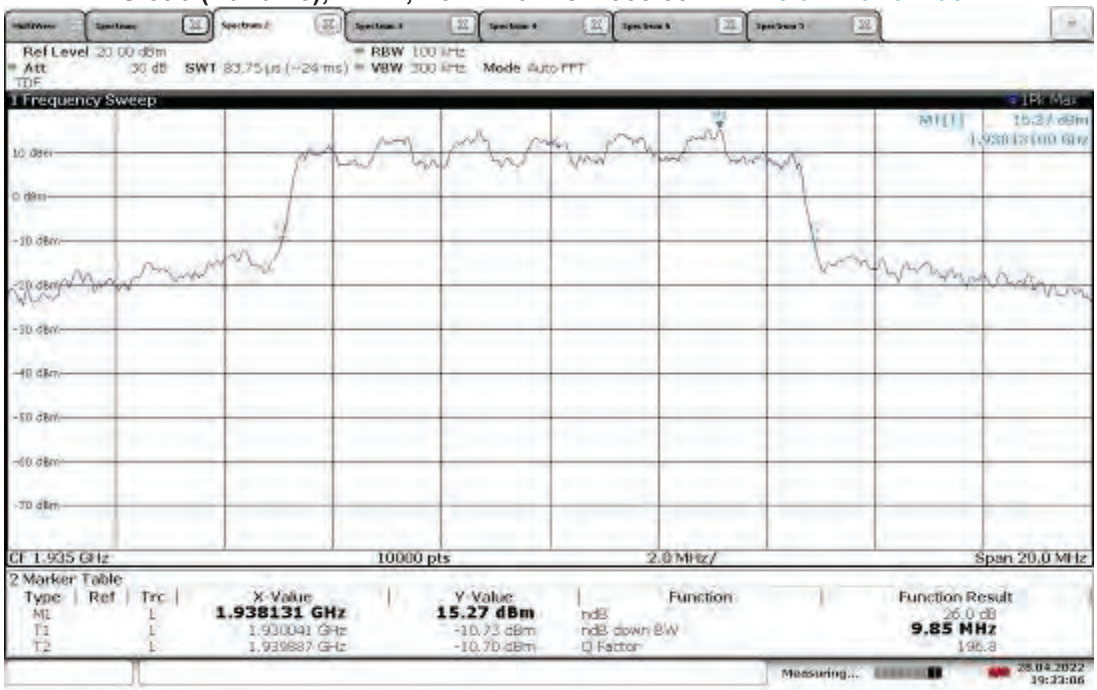
09:01:01 20.05.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz 26 dB Bandwidth



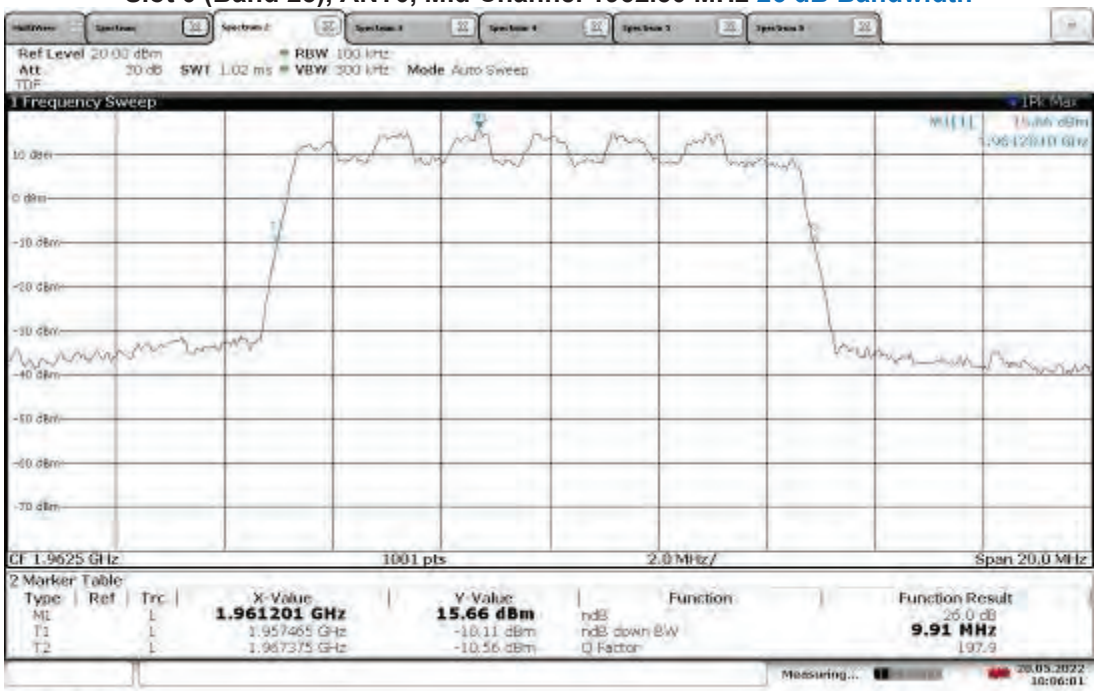
19:38:22 28.04.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz 26 dB Bandwidth



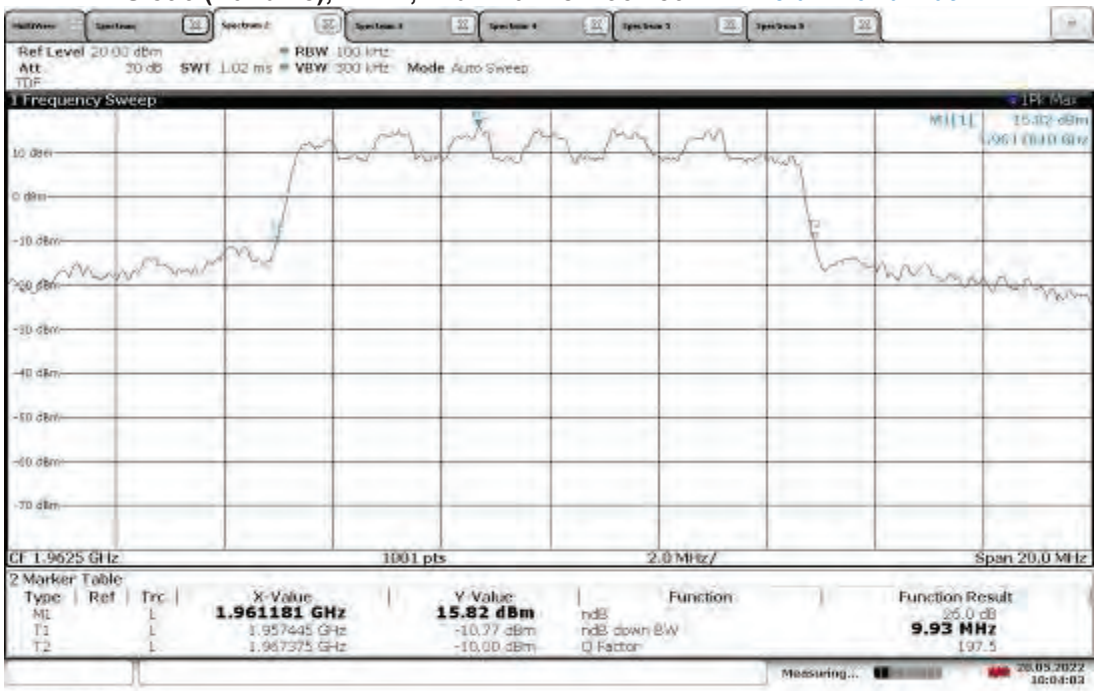
19:33:06 28.04.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



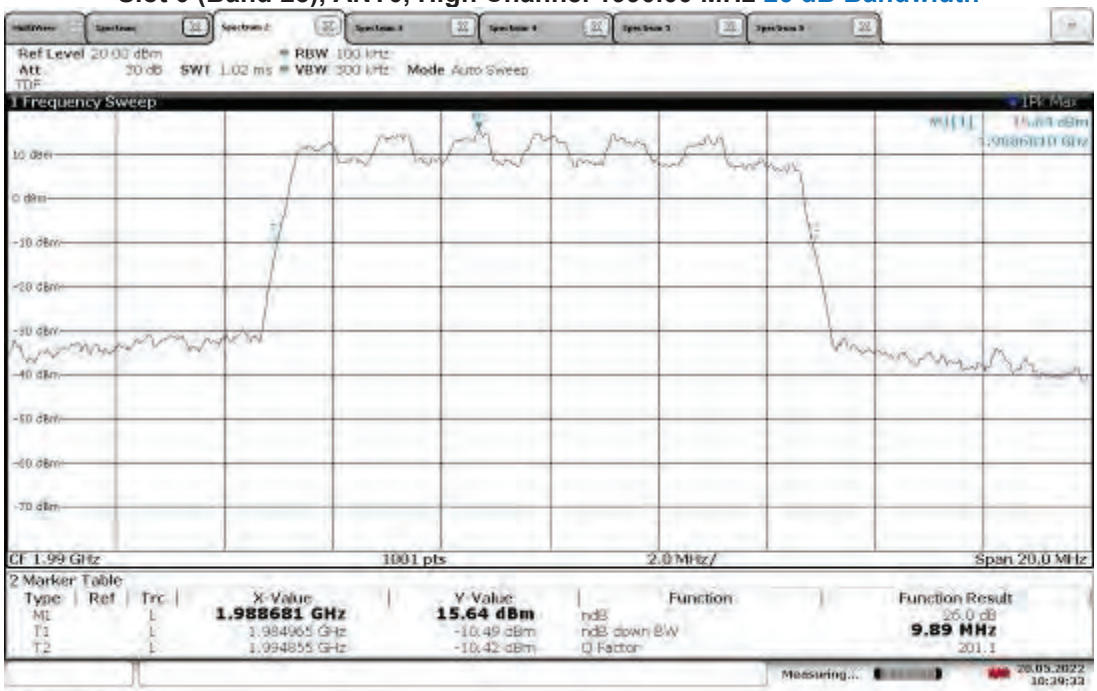
10:06:01 20.05.2022

TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth

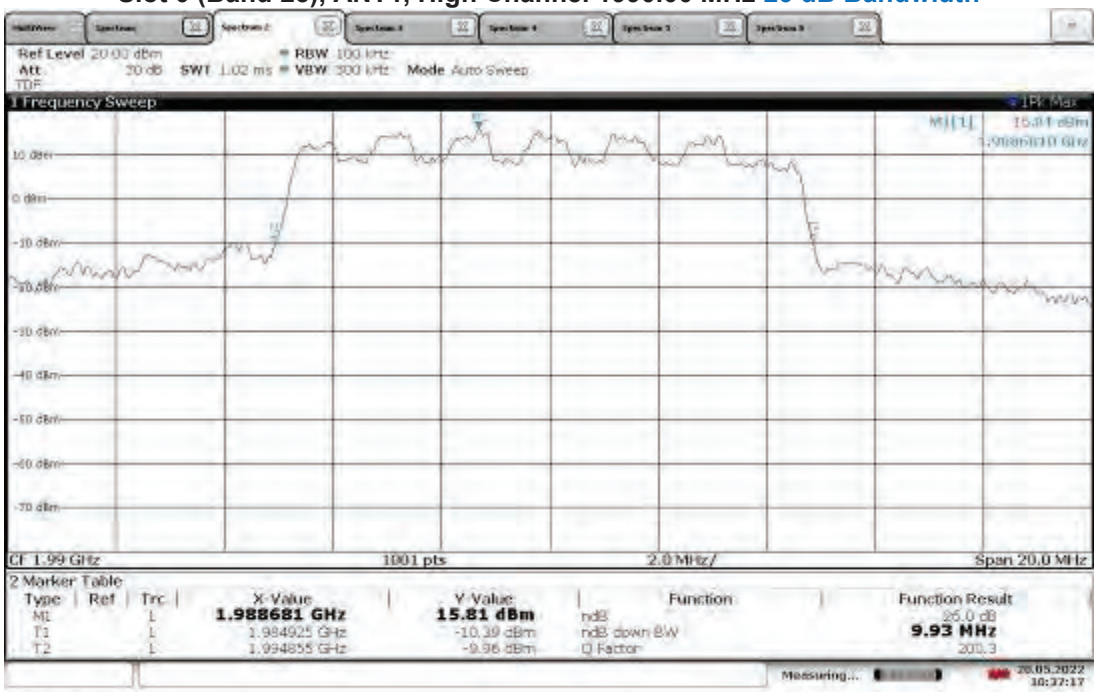


10:04:03 20.05.2022

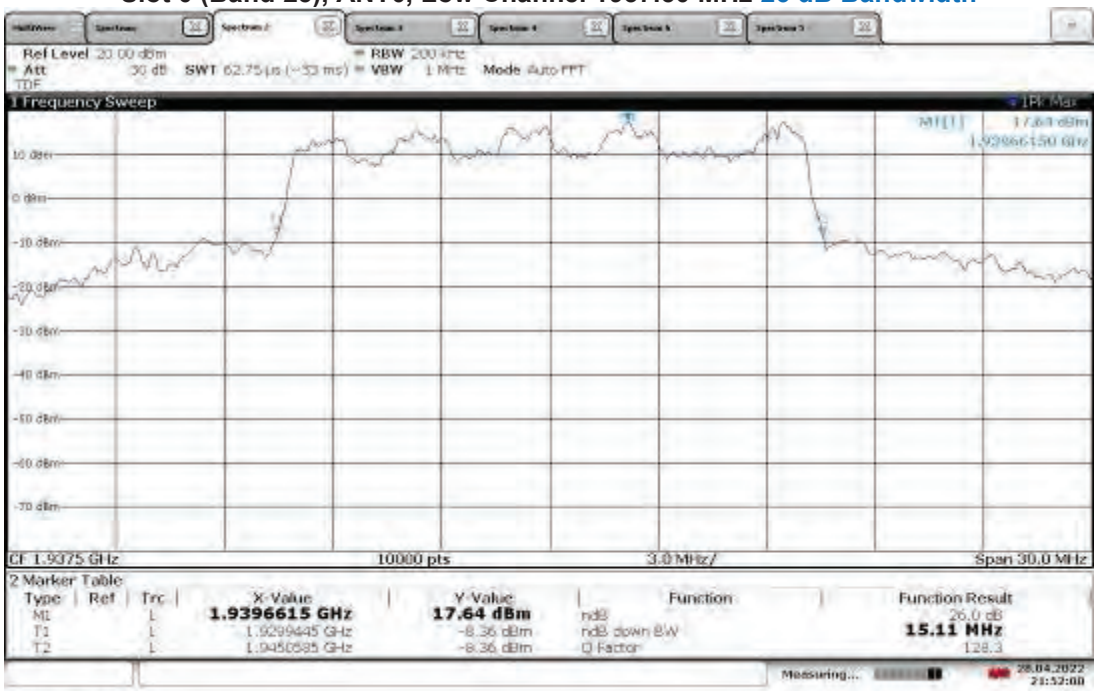
TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz 26 dB Bandwidth



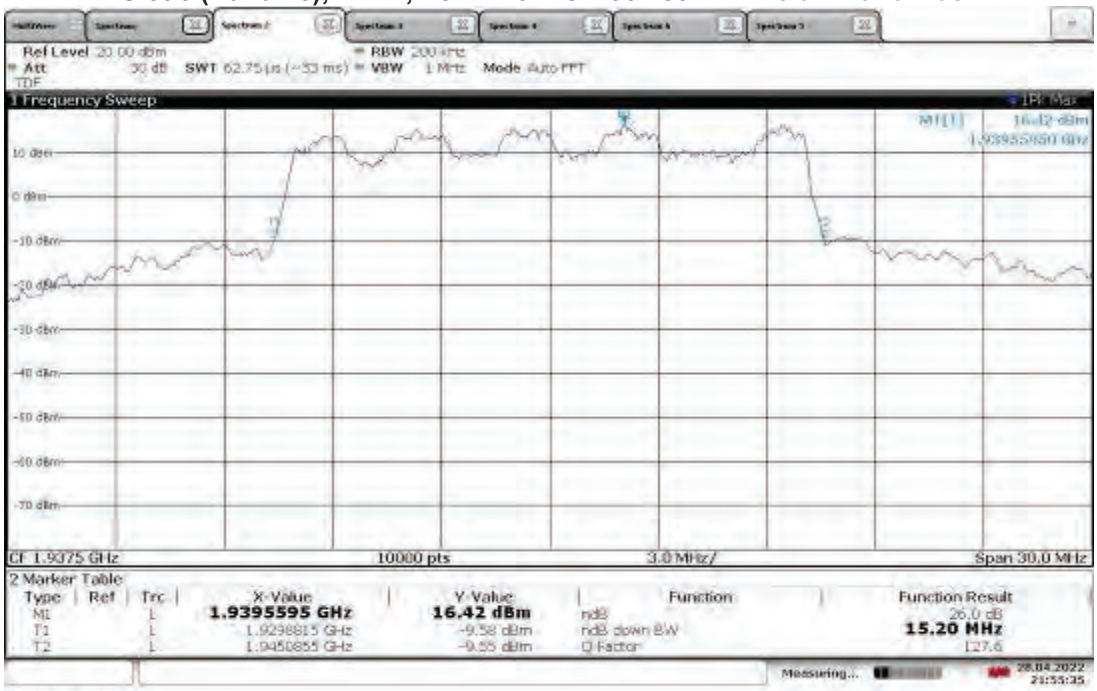
TM3.2-16QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz 26 dB Bandwidth



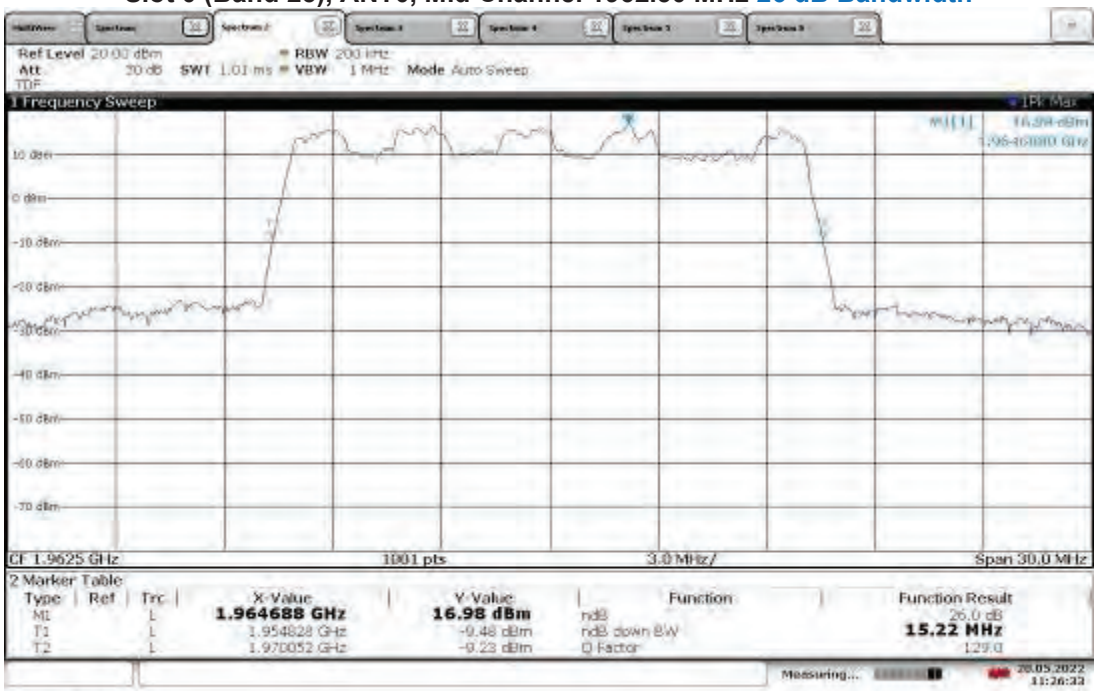
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1937.50 MHz 26 dB Bandwidth



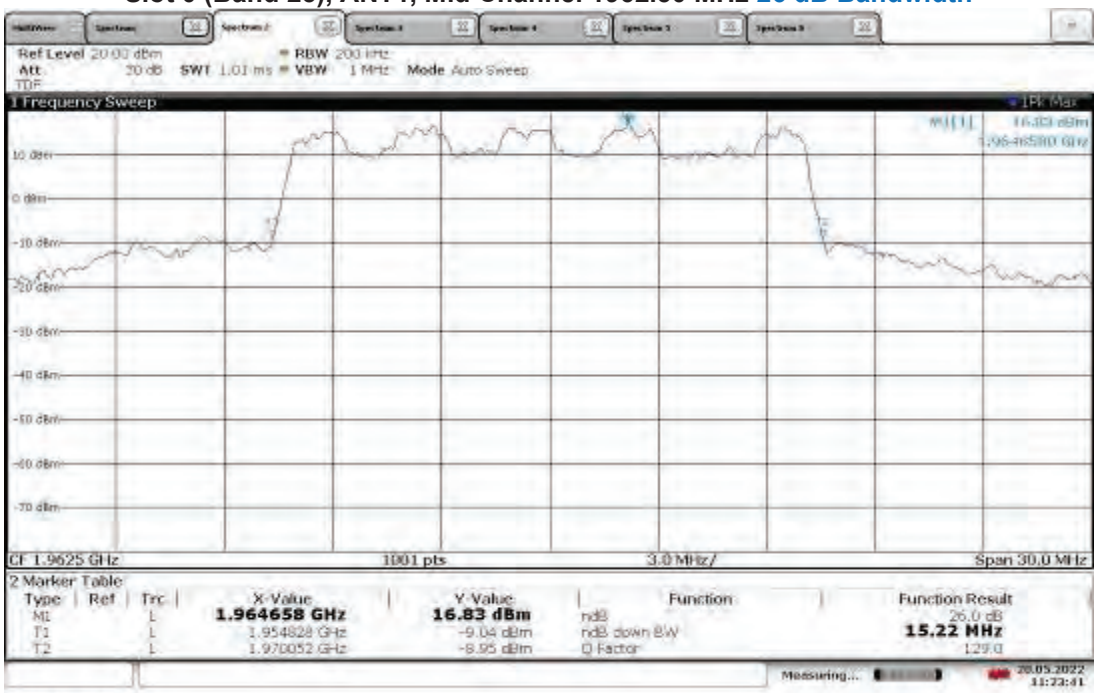
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1937.50 MHz 26 dB Bandwidth



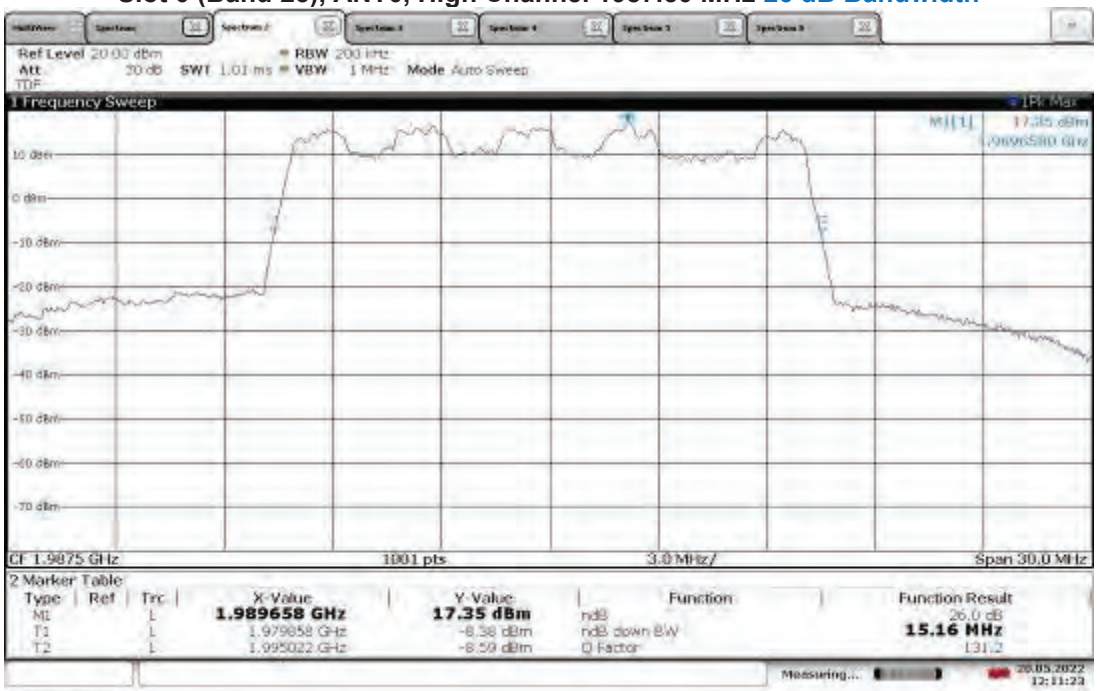
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



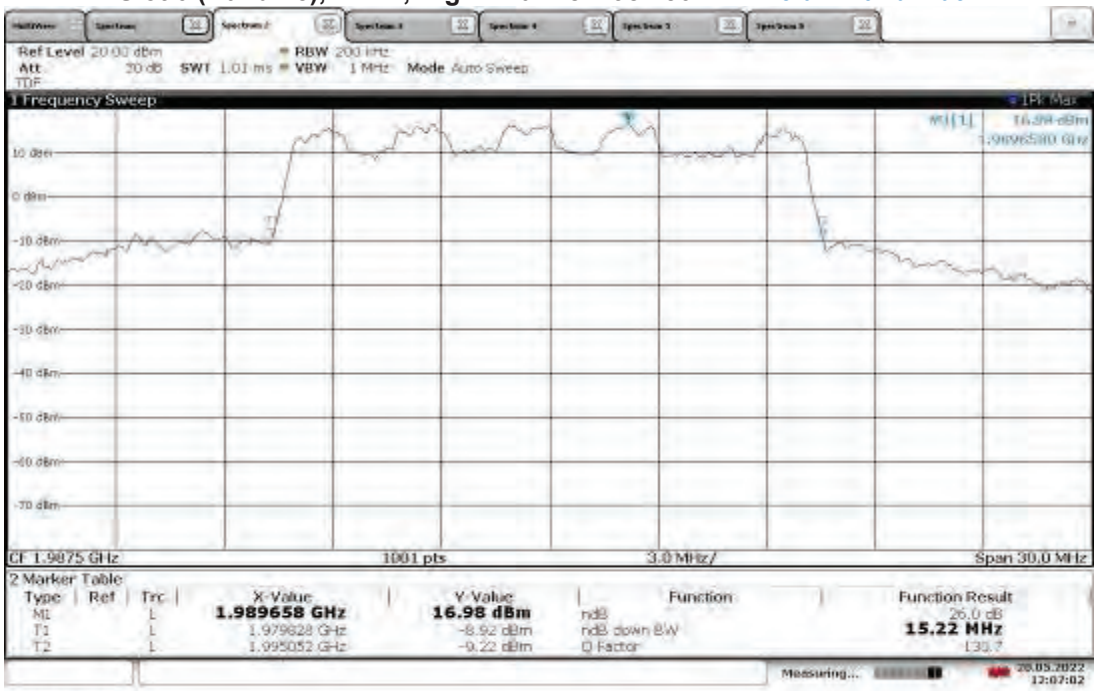
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



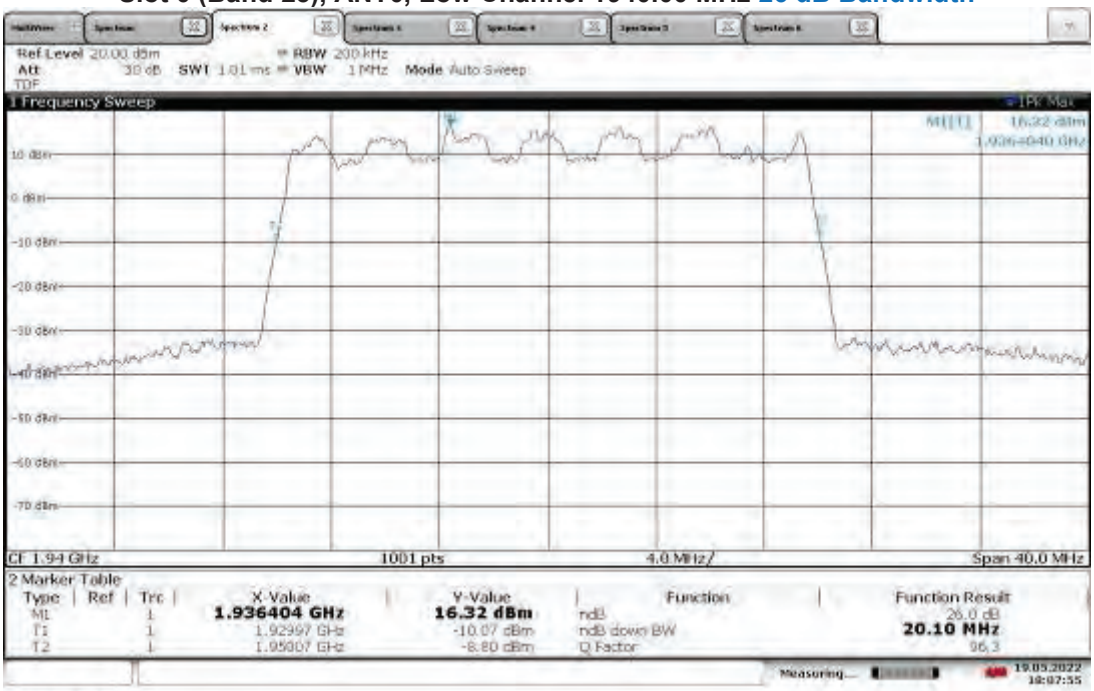
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz 26 dB Bandwidth



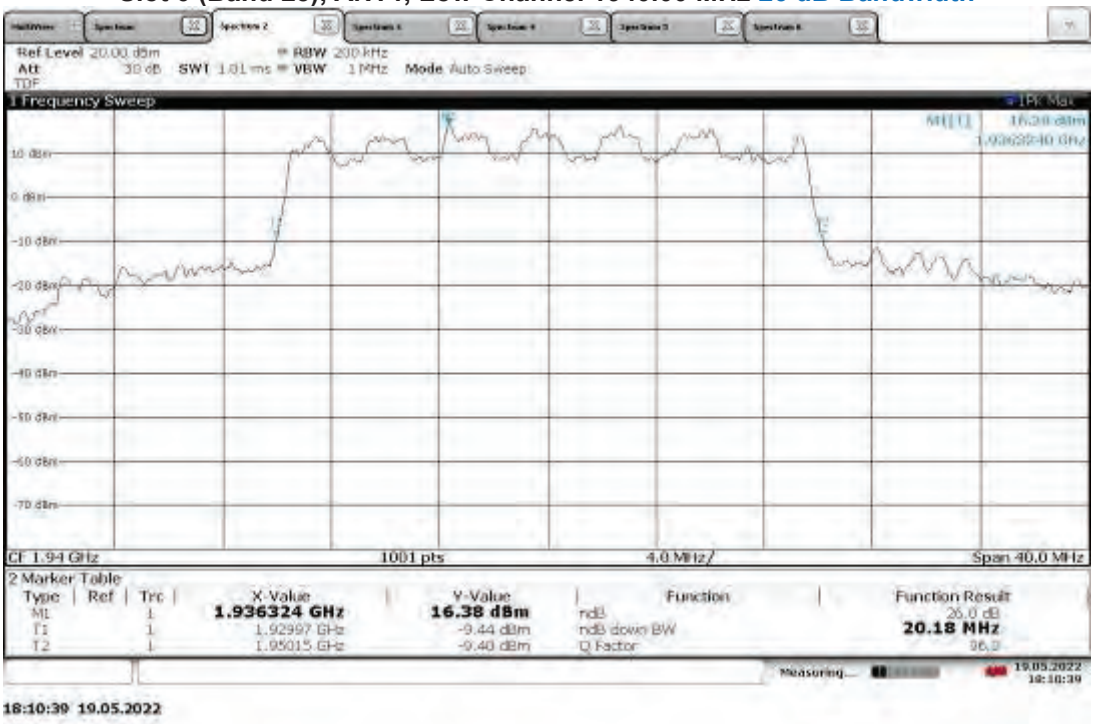
TM3.2-16QAM_15 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz 26 dB Bandwidth



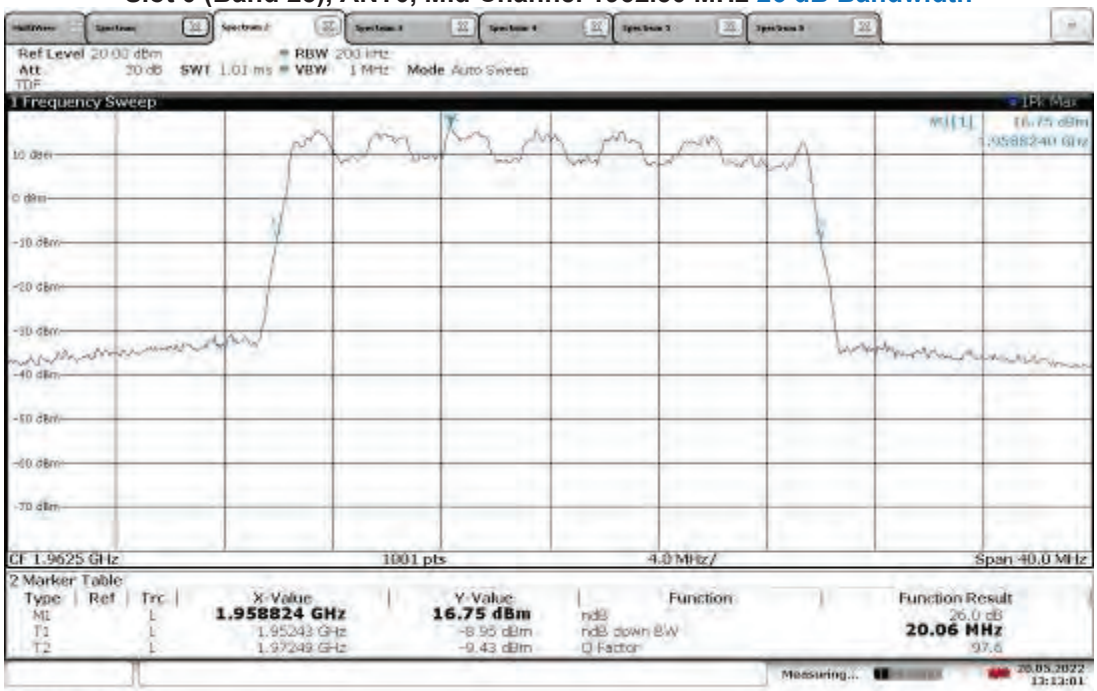
TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1940.00 MHz 26 dB Bandwidth



TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1940.00 MHz 26 dB Bandwidth

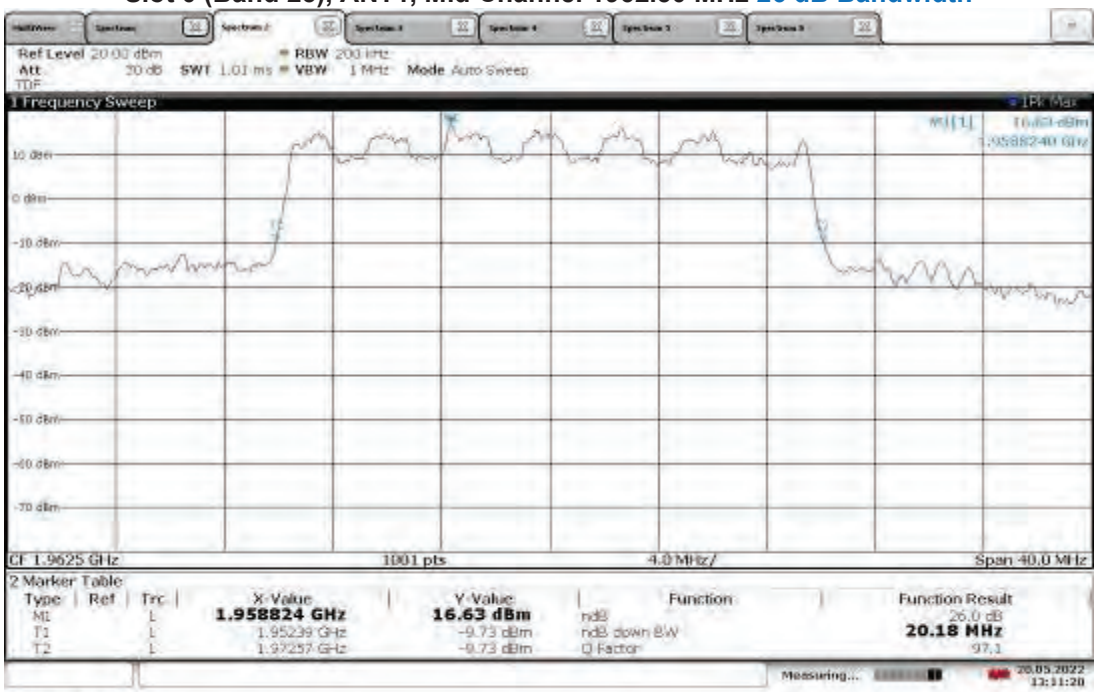


TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



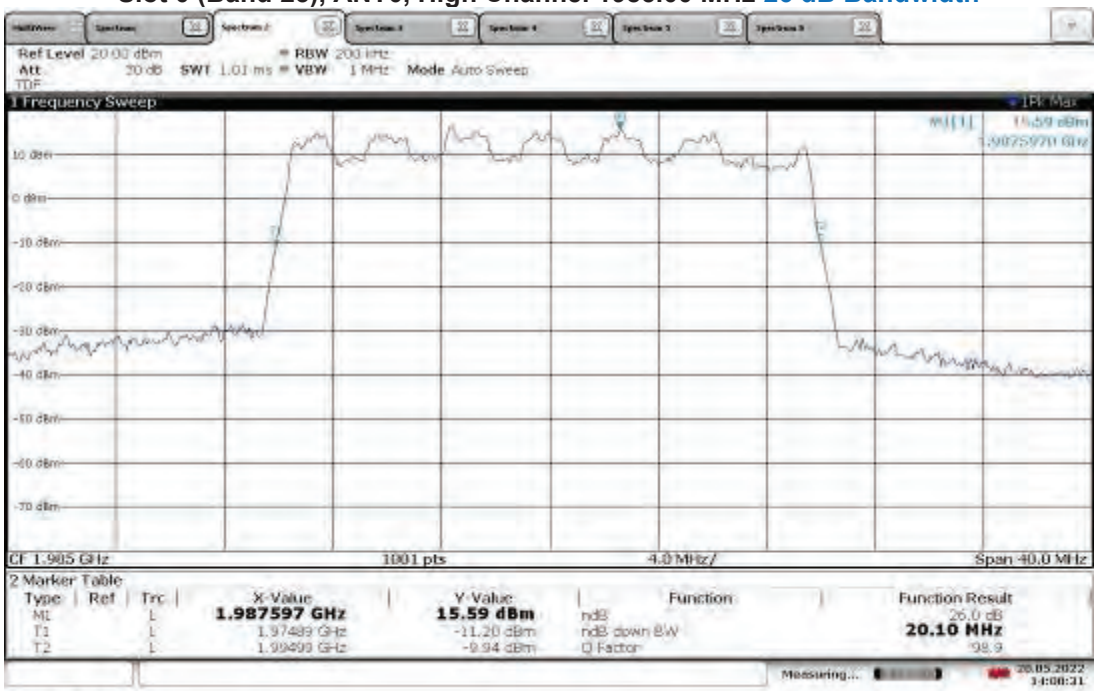
13:13:02 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



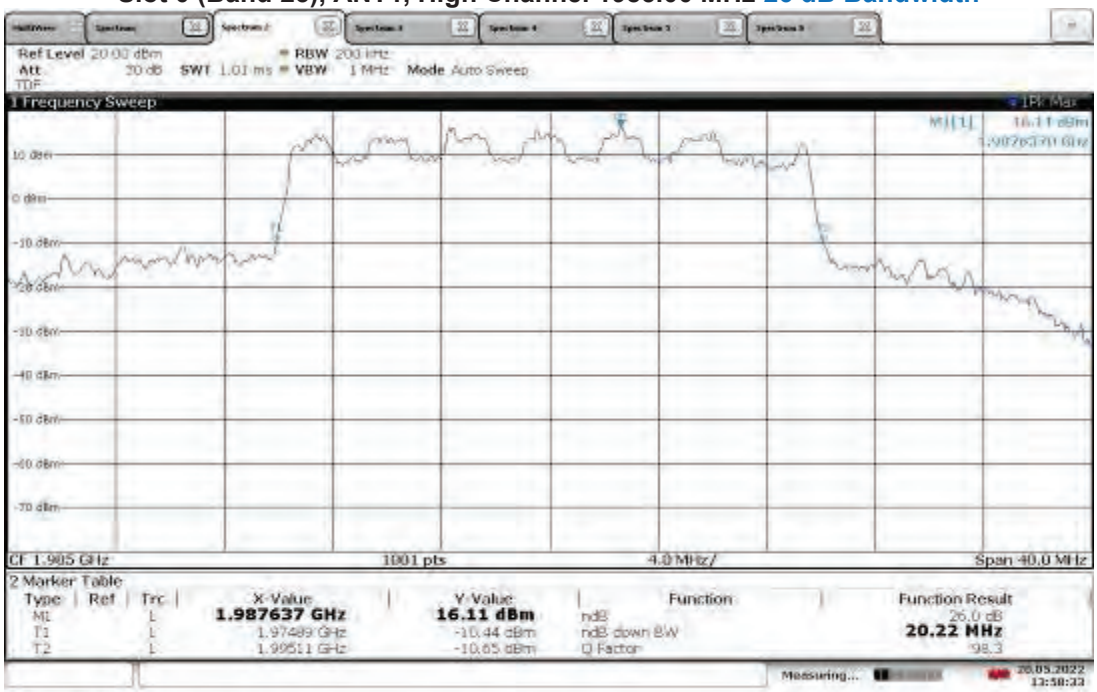
13:11:21 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1985.00 MHz 26 dB Bandwidth



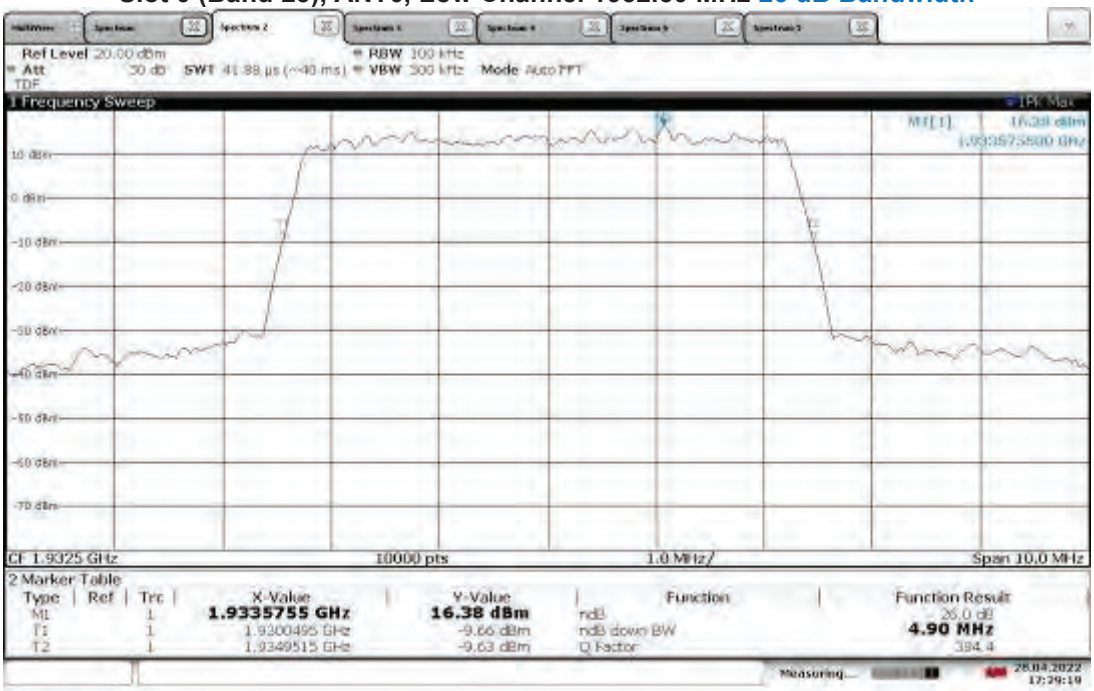
14:00:31 20.05.2022

TM3.2-16QAM_20 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1985.00 MHz 26 dB Bandwidth

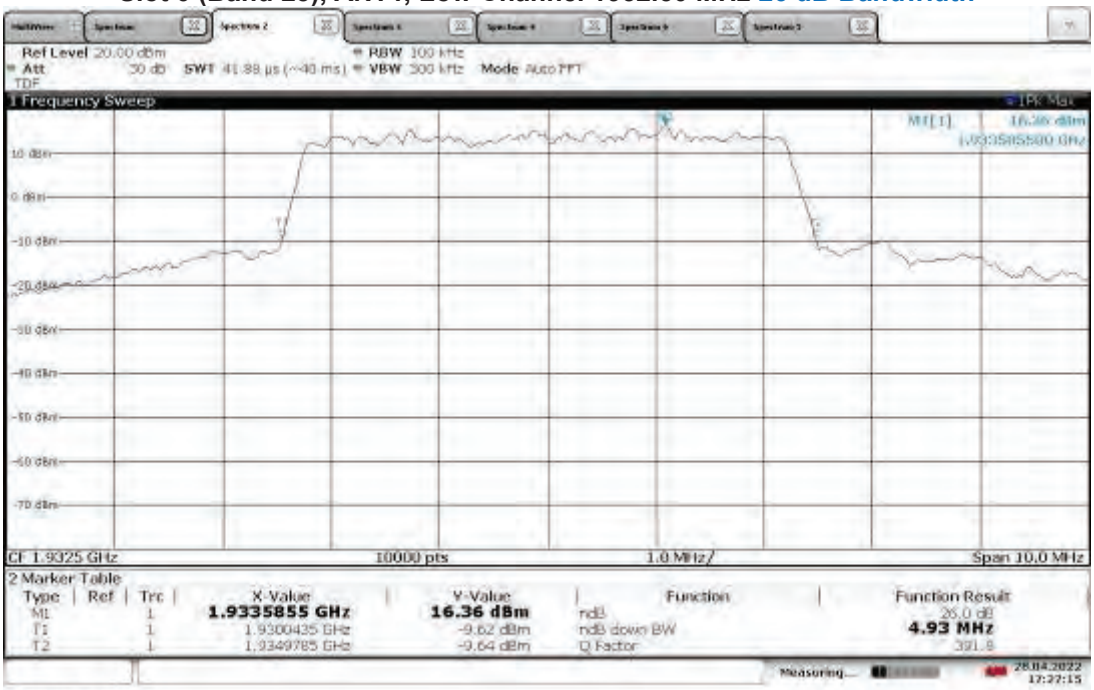


13:58:33 20.05.2022

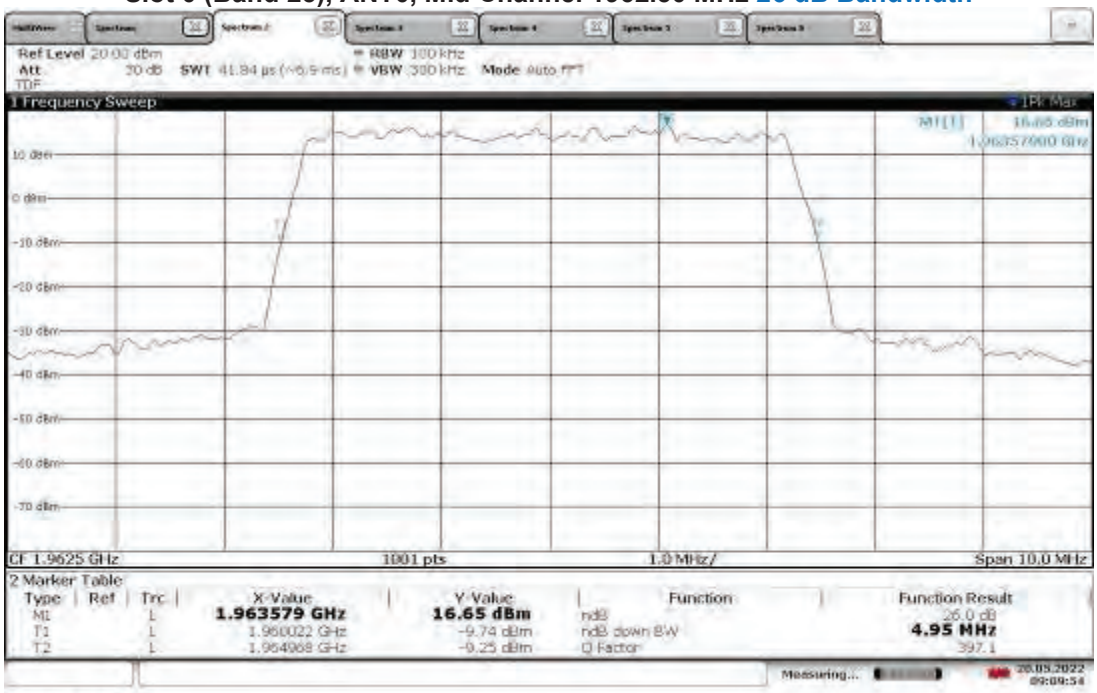
TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1932.50 MHz 26 dB Bandwidth



TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1932.50 MHz 26 dB Bandwidth



TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth

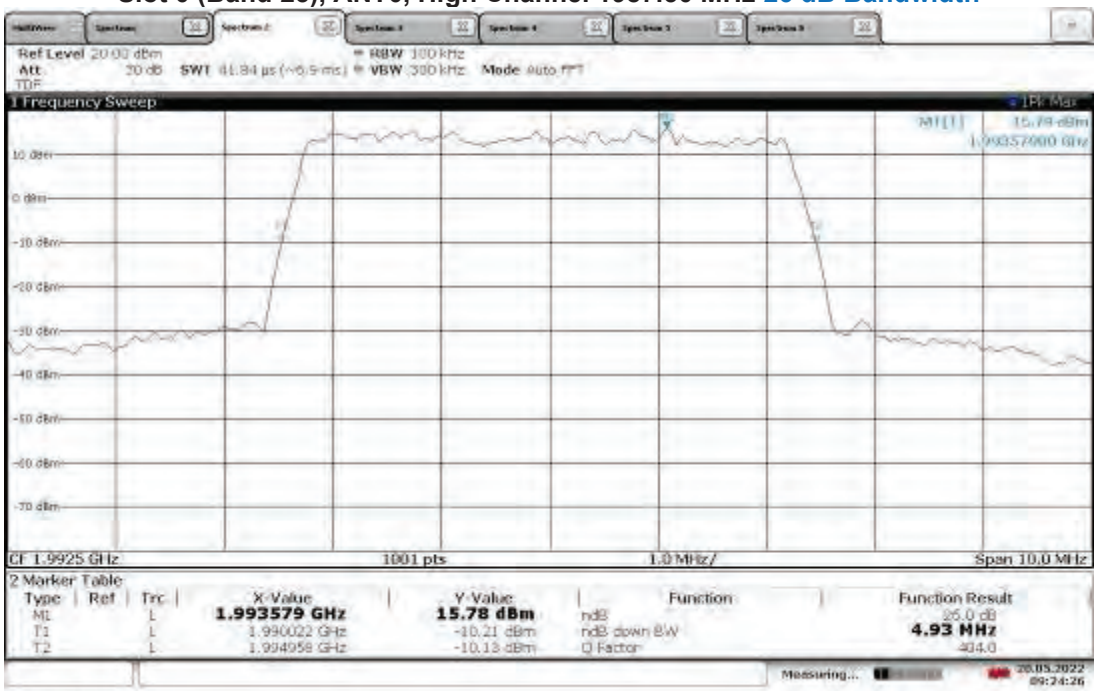


09:09:54 20.05.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth

09:12:21 20.05.2022

TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1987.50 MHz 26 dB Bandwidth



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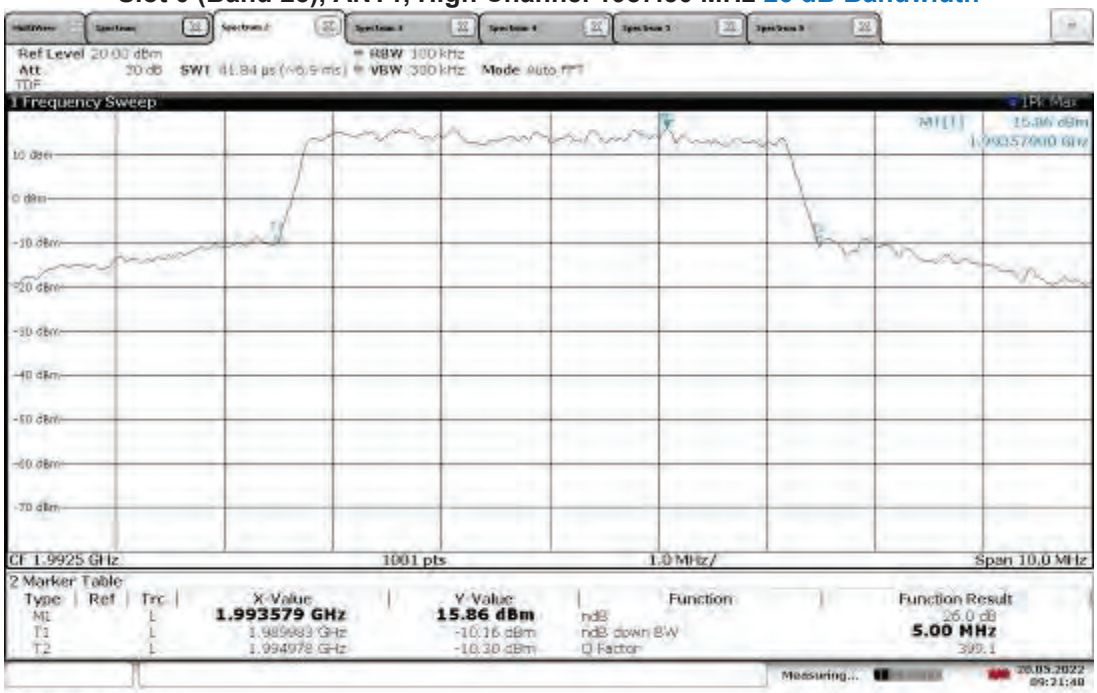
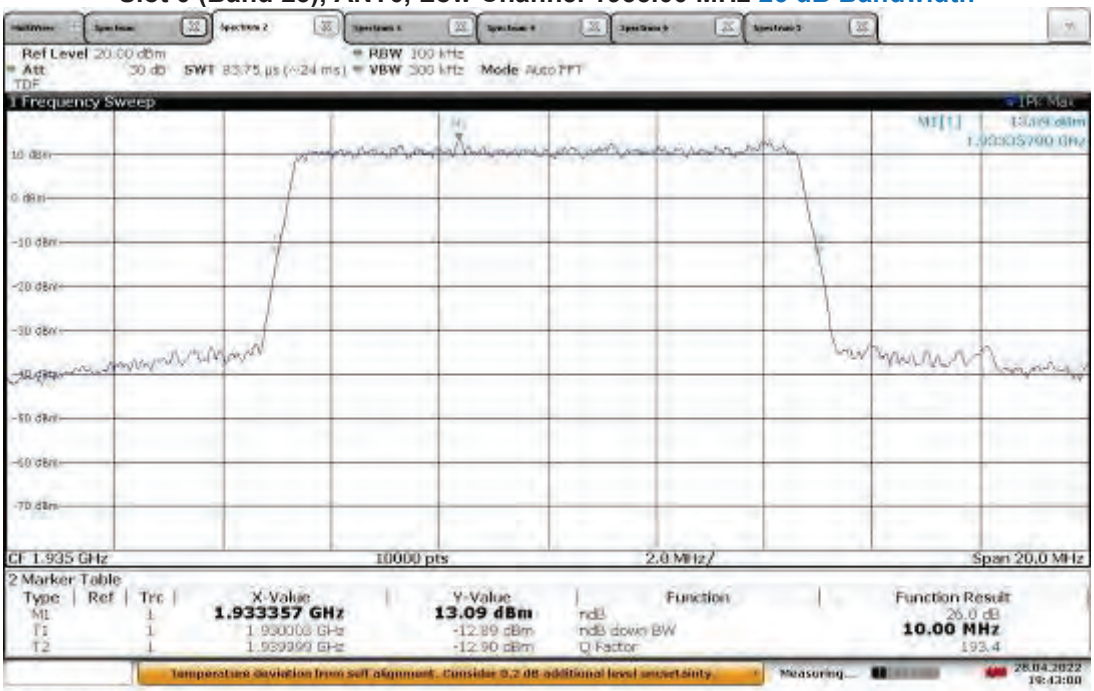
TM3.1-64QAM_5 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1987.50 MHz 26 dB Bandwidth



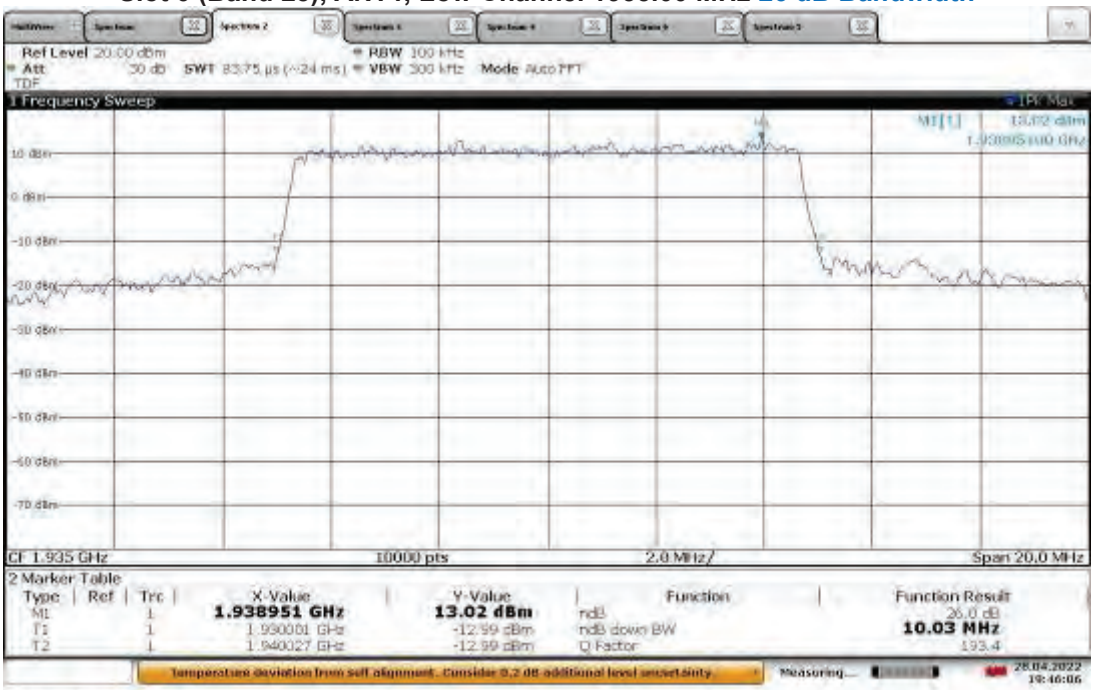
09:21:40 20.05.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Low Channel 1935.00 MHz 26 dB Bandwidth



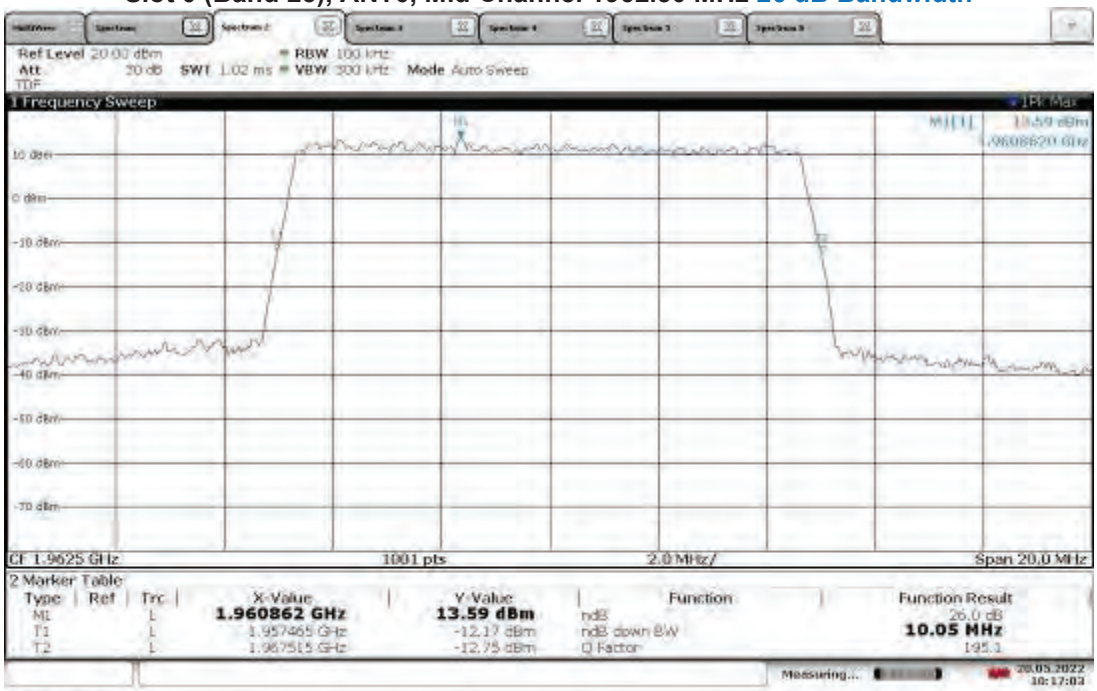
19:43:00 28.04.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Low Channel 1935.00 MHz 26 dB Bandwidth



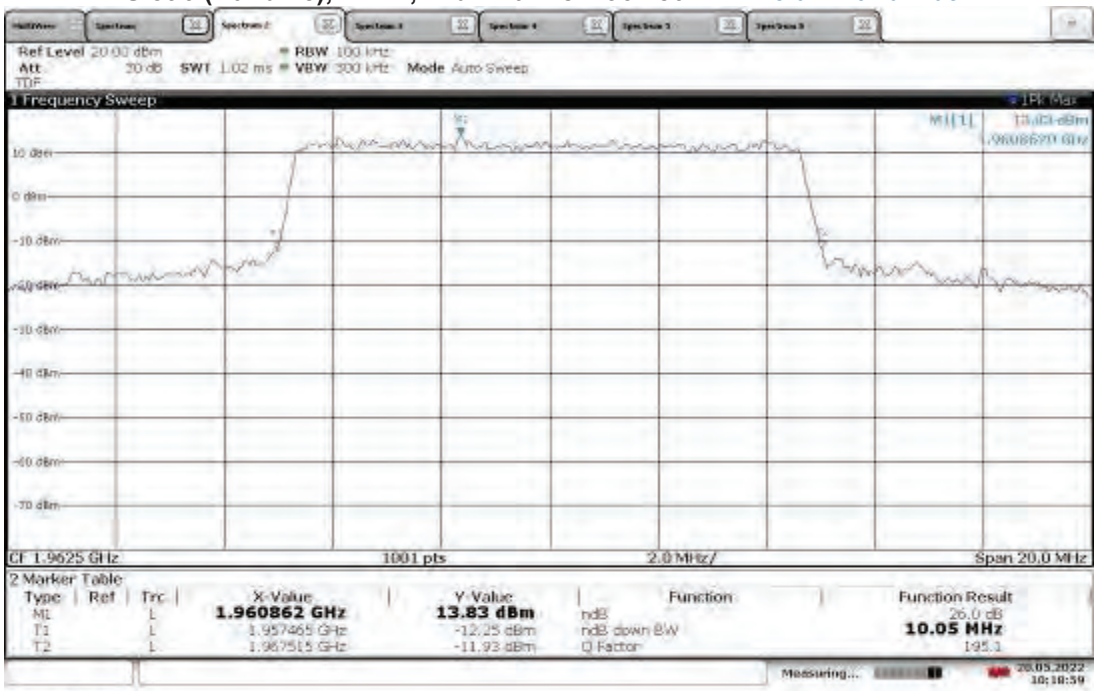
19:46:06 28.04.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, Mid Channel 1962.50 MHz 26 dB Bandwidth



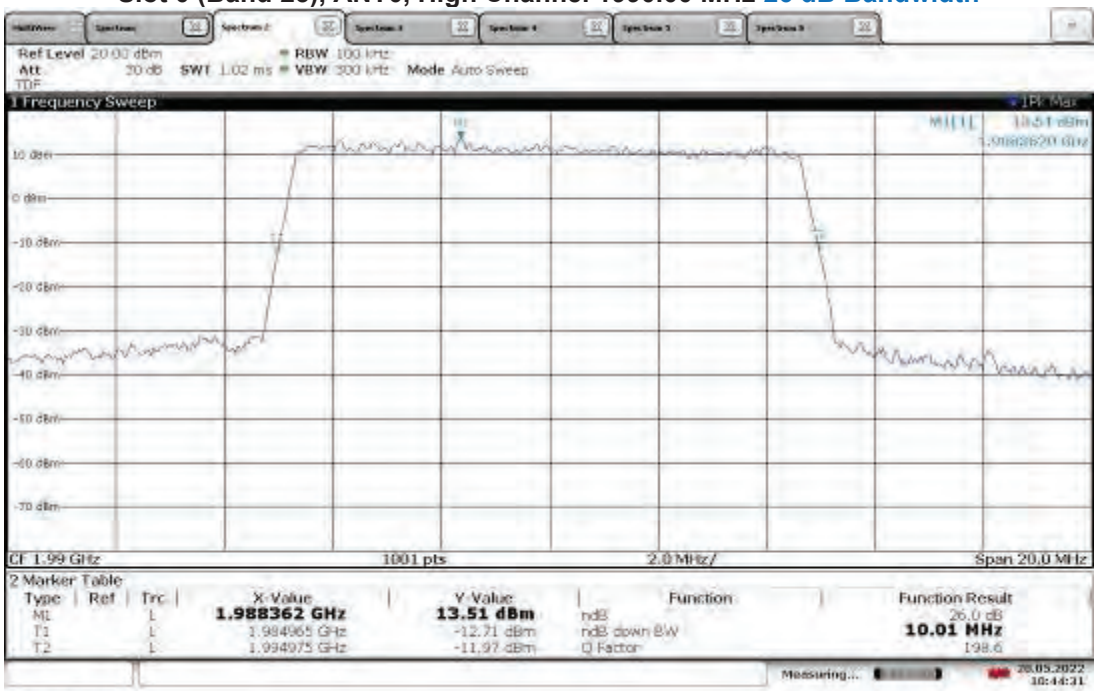
10:17:03 20.05.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, Mid Channel 1962.50 MHz 26 dB Bandwidth



10:18:59 20.05.2022

TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT0, High Channel 1990.00 MHz 26 dB Bandwidth



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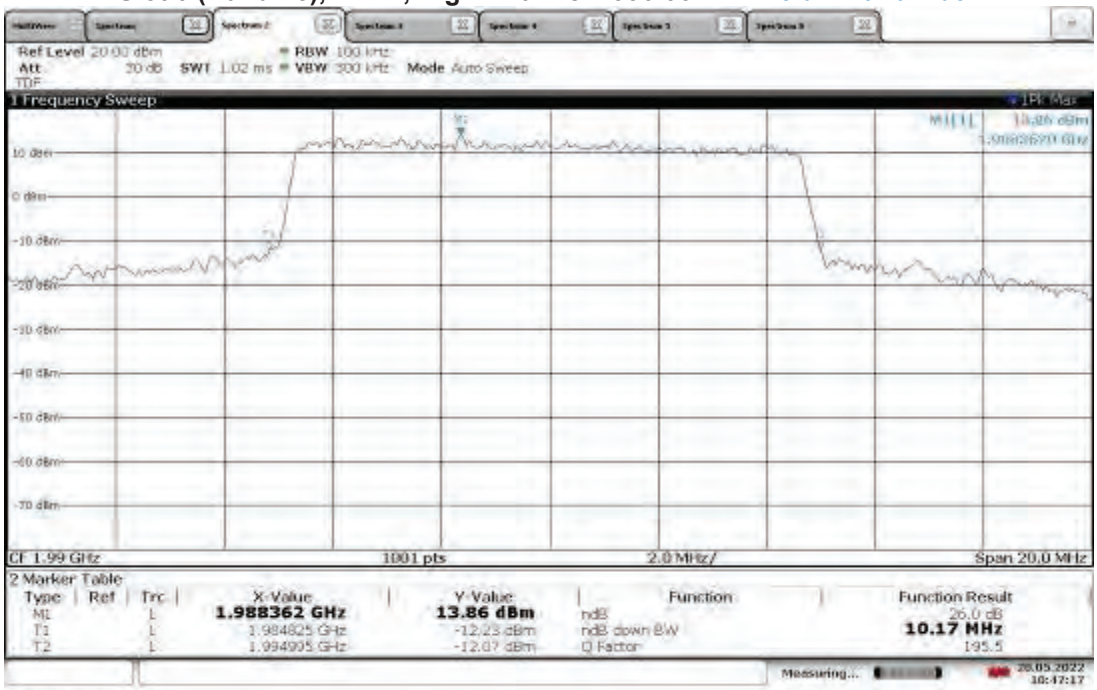
TM3.1-64QAM_10 MHz Bandwidth (5G NR)
Slot 0 (Band 25), ANT1, High Channel 1990.00 MHz 26 dB Bandwidth



10:47:17 20.05.2022