TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
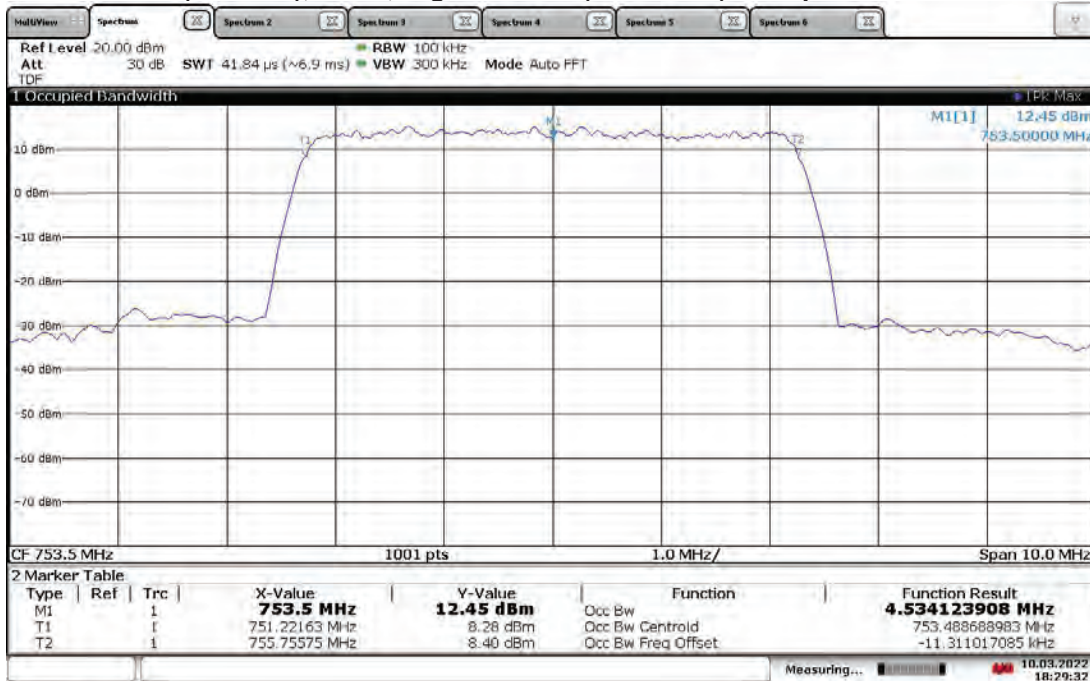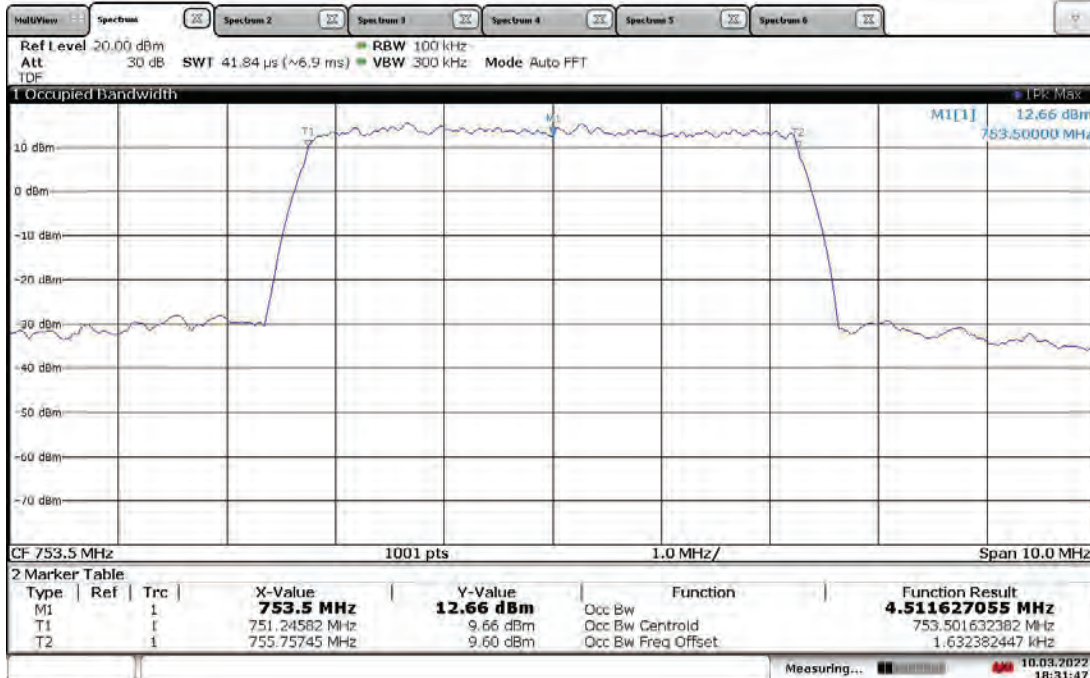### Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) Occupied Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) Occupied Bandwidth

**TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
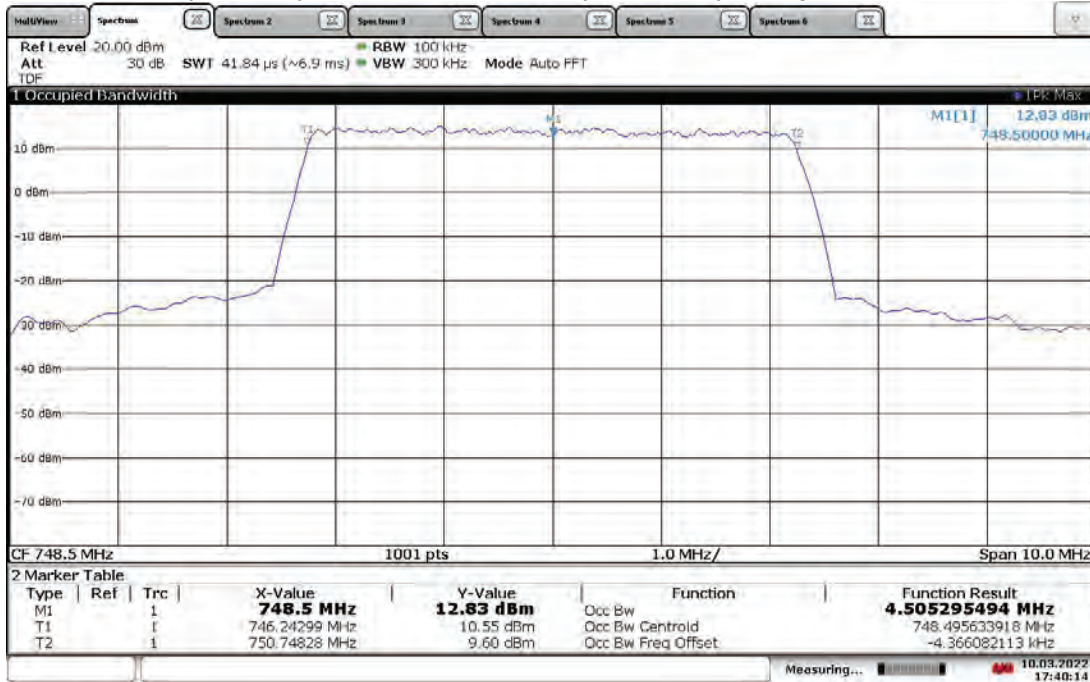Slot 0 (Band 13), ANT0, Low Channel (748.5 MHz) Occupied Bandwidth**

**TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Low Channel (748.5 MHz) Occupied Bandwidth**

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) Occupied Bandwidth

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	751.0 MHz	12.80 dBm	Occ Bw	4.521169224 MHz
T1		1	748.73347 MHz	10.00 dBm	Occ Bw Centroid	750.993987019 MHz
T2		1	753.25457 MHz	9.49 dBm	Occ Bw Freq Offset	-6.012980618 kHz

18:10:18 10.03.2022

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1		1	751.0 MHz	13.18 dBm	Occ Bw	4.516778721 MHz
T1		1	748.73447 MHz	10.27 dBm	Occ Bw Centroid	750.992863731 MHz
T2		1	753.25125 MHz	10.64 dBm	Occ Bw Freq Offset	-7.136269375 kHz

18:08:13 10.03.2022

**TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) Occupied Bandwidth**

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**TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
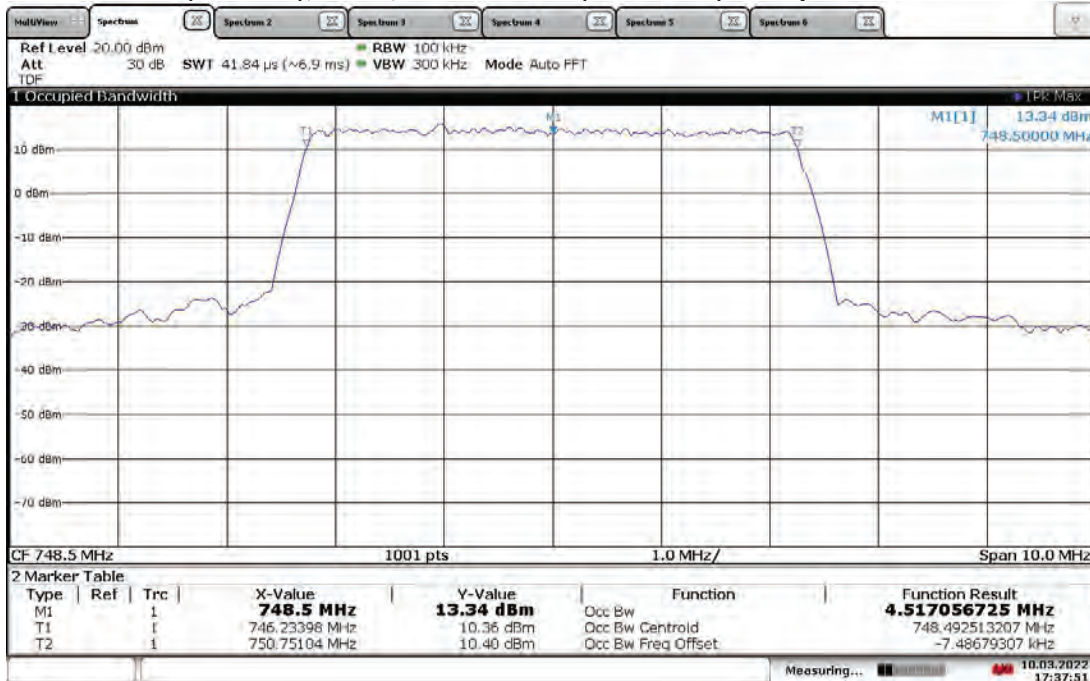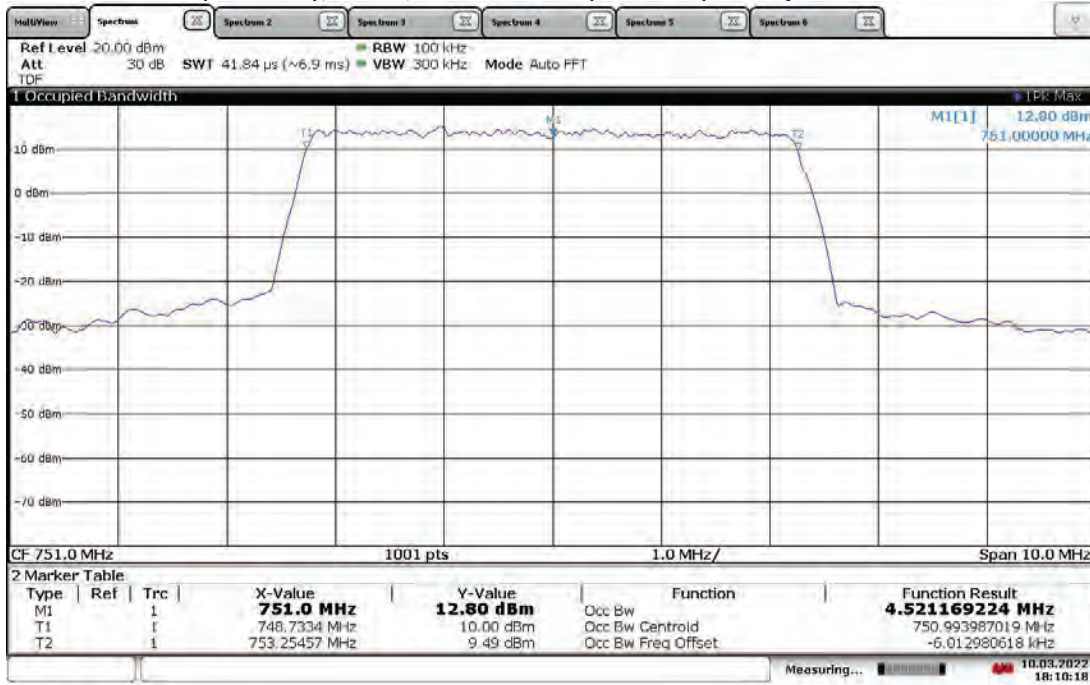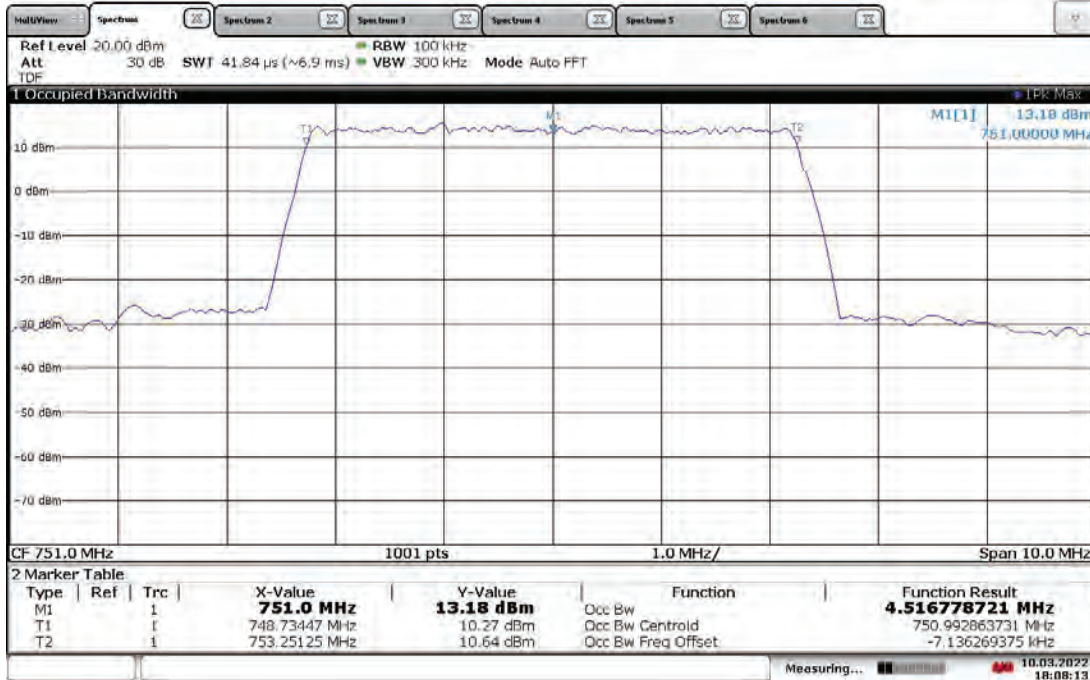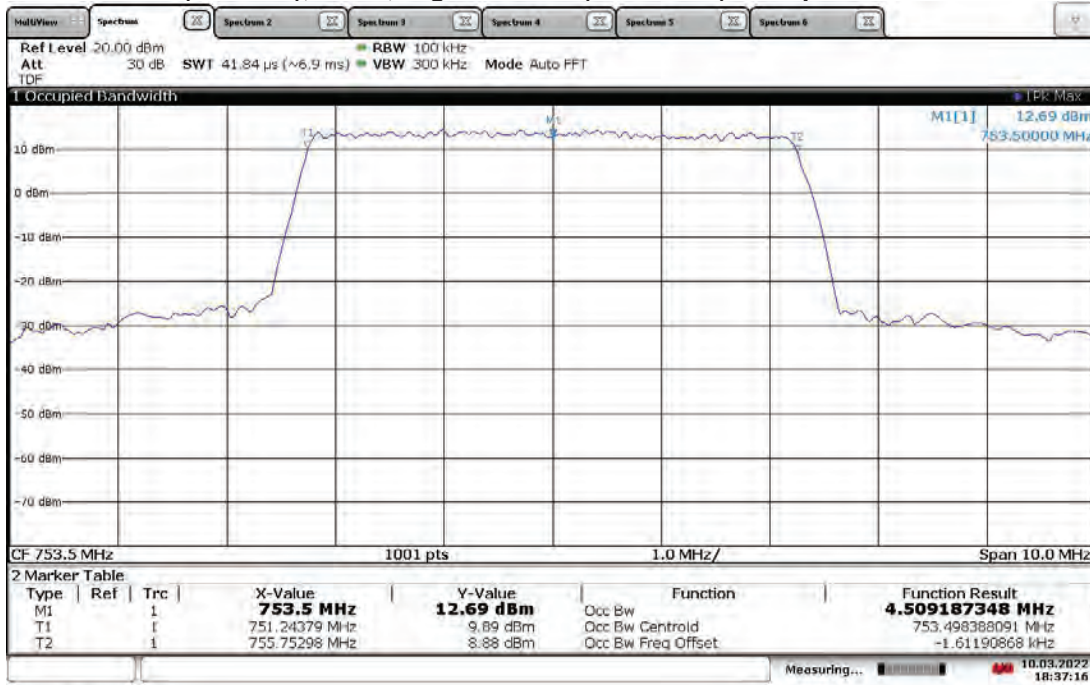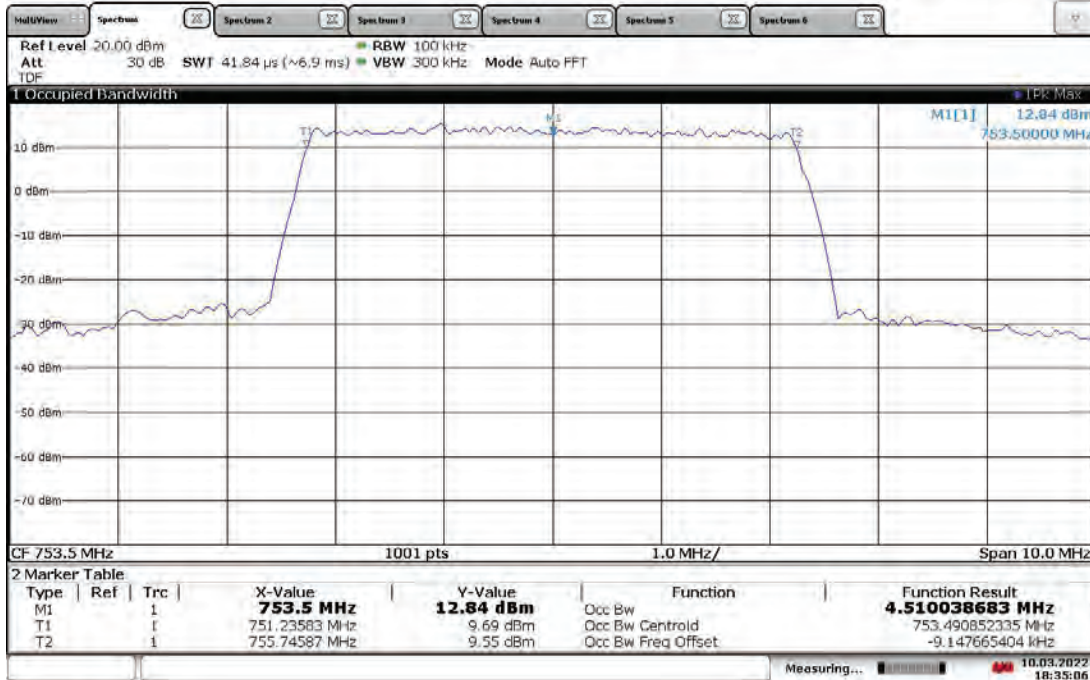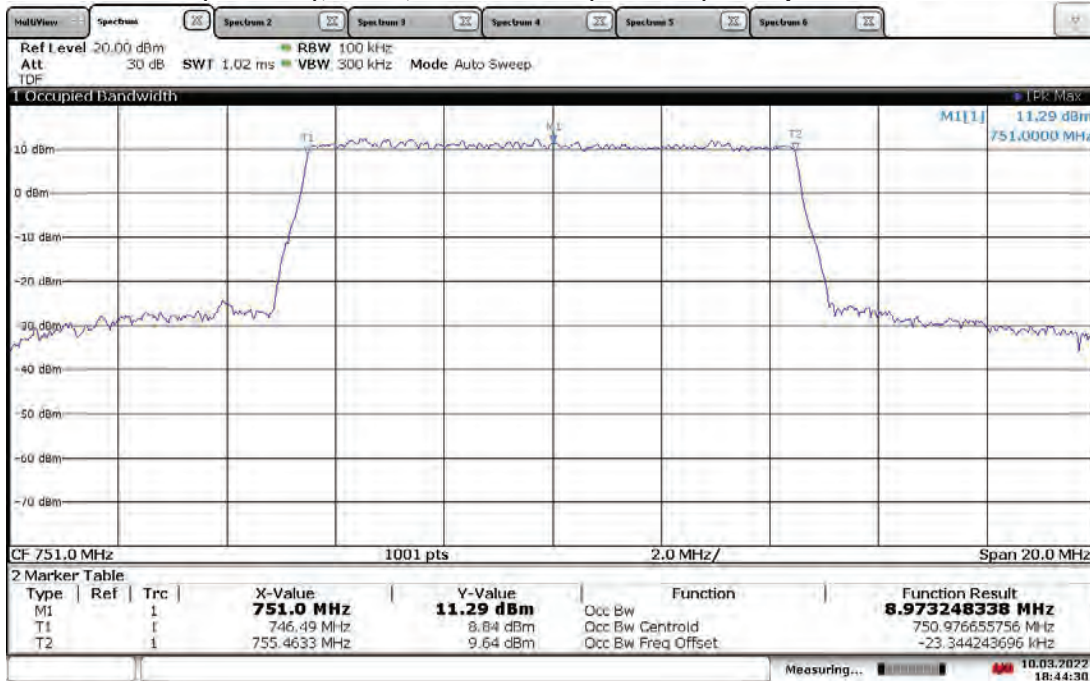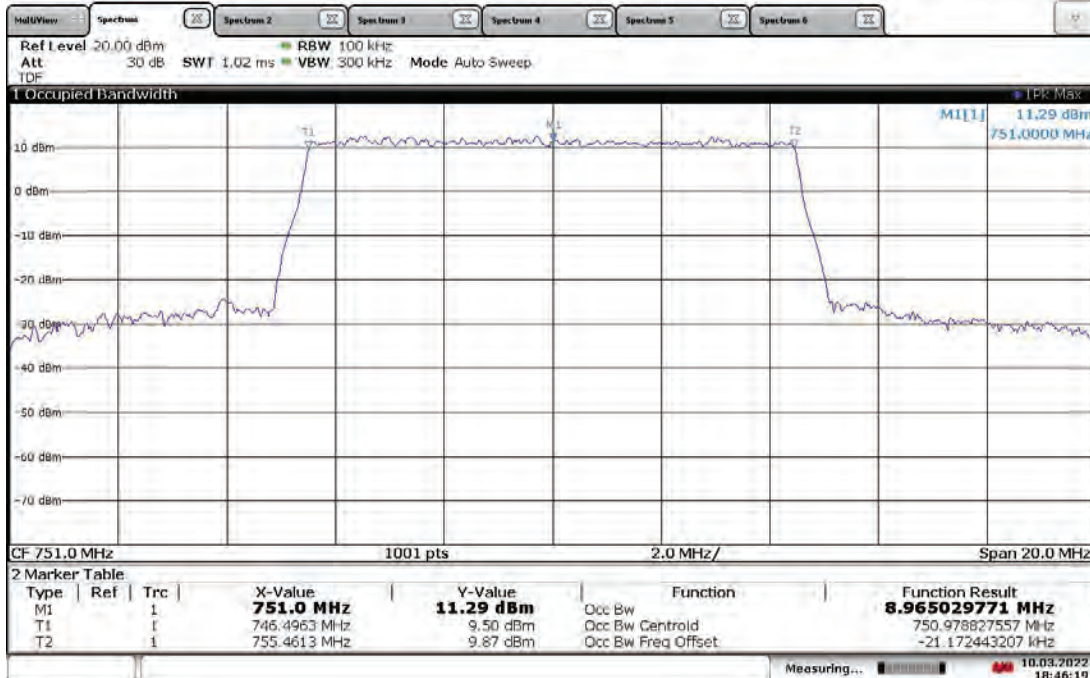Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) Occupied Bandwidth**

18:35:06 10.03.2022

TM1.1-QPSK_10 MHz Bandwidth (4G LTE) With RP5200 Host
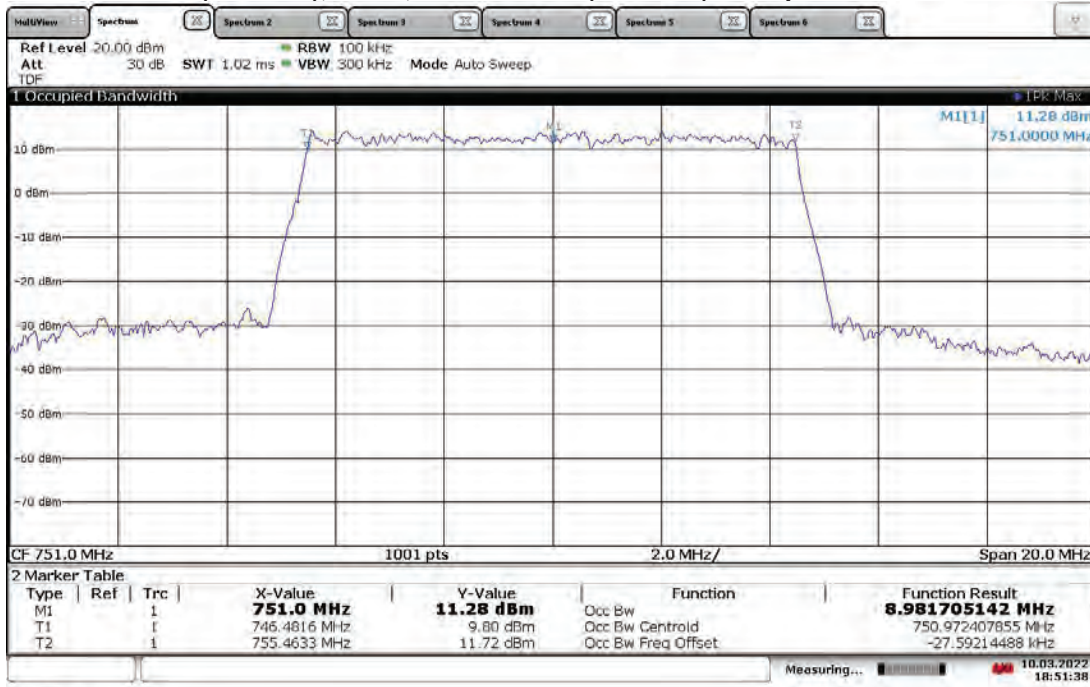### Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) Occupied Bandwidth

TM1.1-QPSK_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth

**TM3.2-16QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) Occupied Bandwidth**

**TM3.2-16QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth**

TM3.1-64QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) Occupied Bandwidth

18:54:21 10.03.2022

TM3.1-64QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth
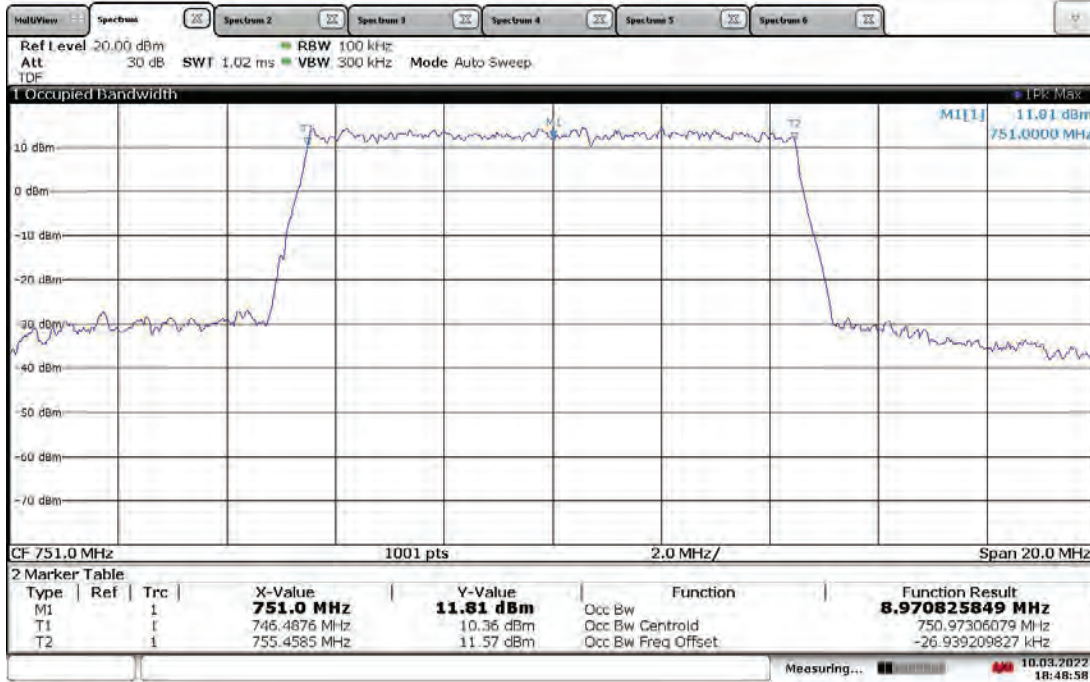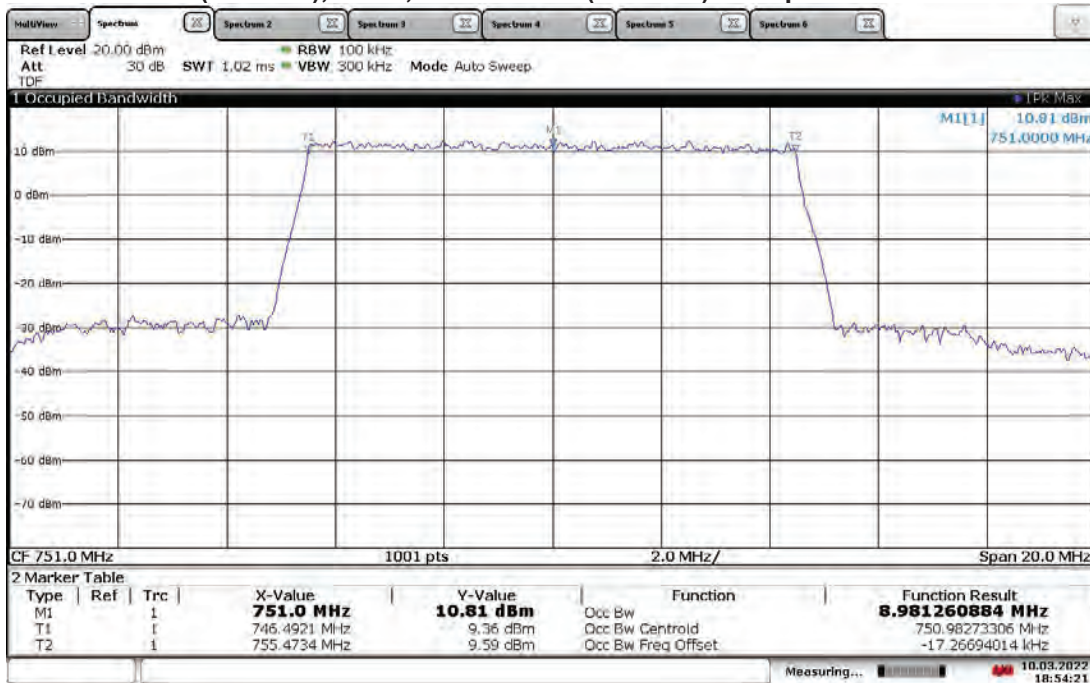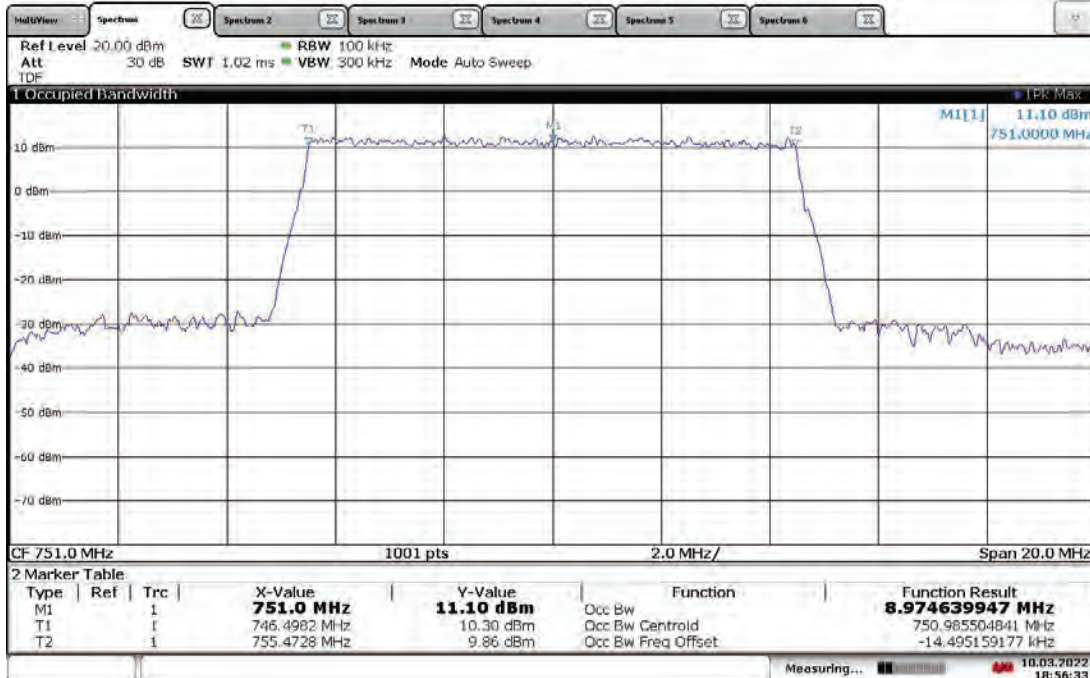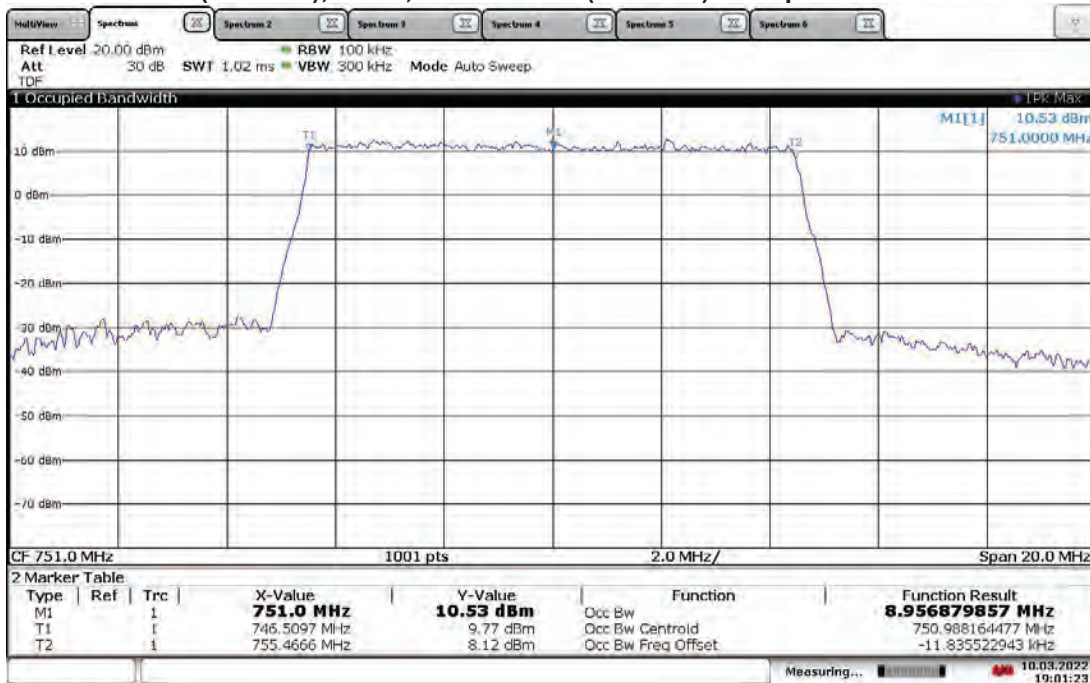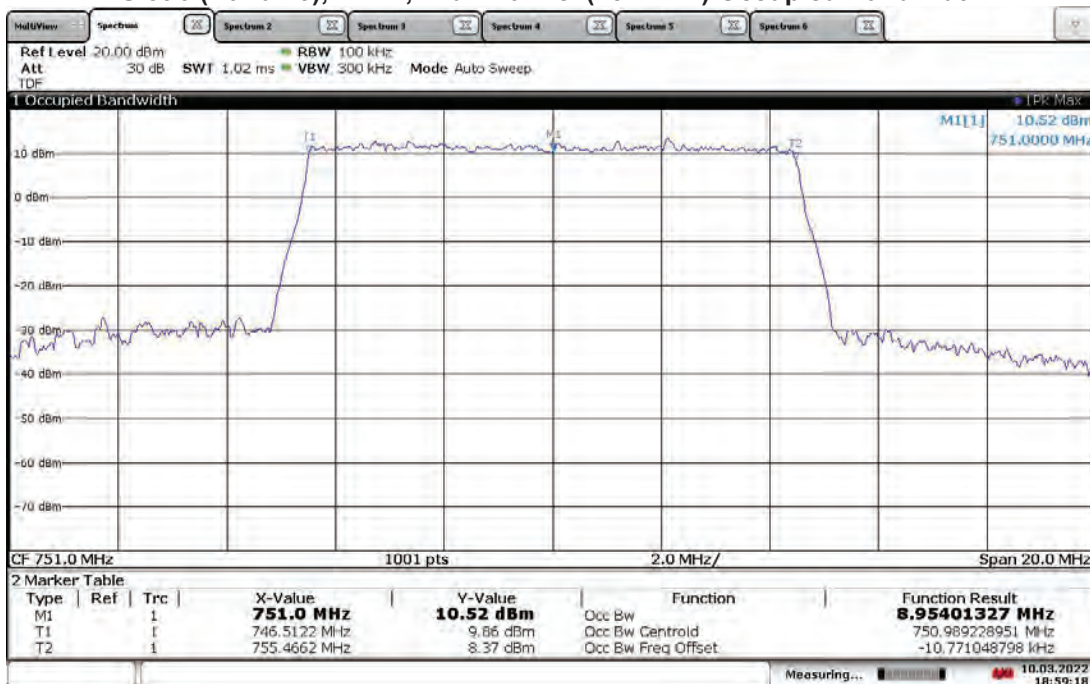

18:56:33 10.03.2022

TM3.1a-256QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) Occupied Bandwidth

TM3.1a-256QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth

TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Low Channel (748.5 MHz) 26 dB Bandwidth

17:16:54 10.03.2022

TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Low Channel (748.5 MHz) 26 dB Bandwidth

17:19:20 10.03.2022

**TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
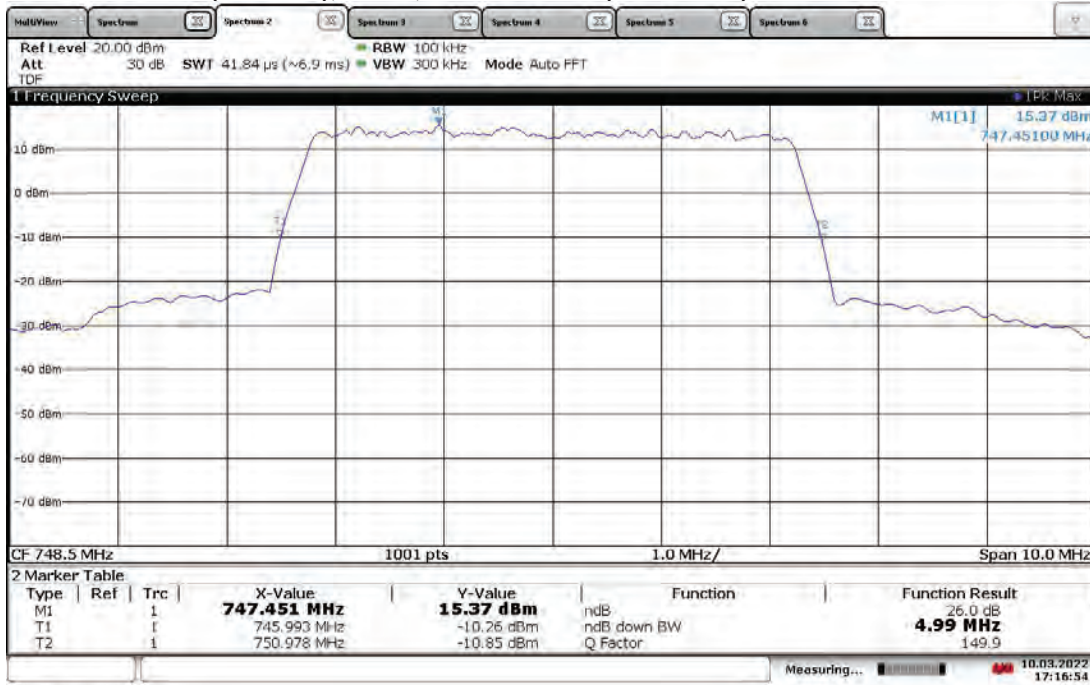Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth**

**TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth**

TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
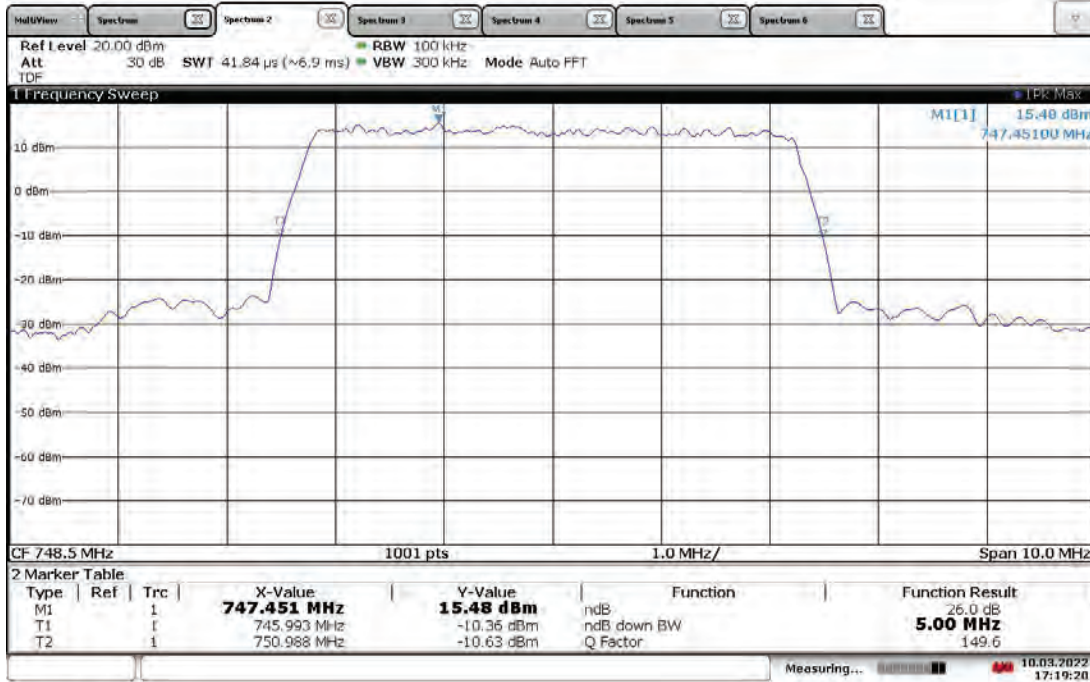**Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) 26 dB Bandwidth**

18:18:54 10.03.2022

TM1.1-QPSK_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) 26 dB Bandwidth
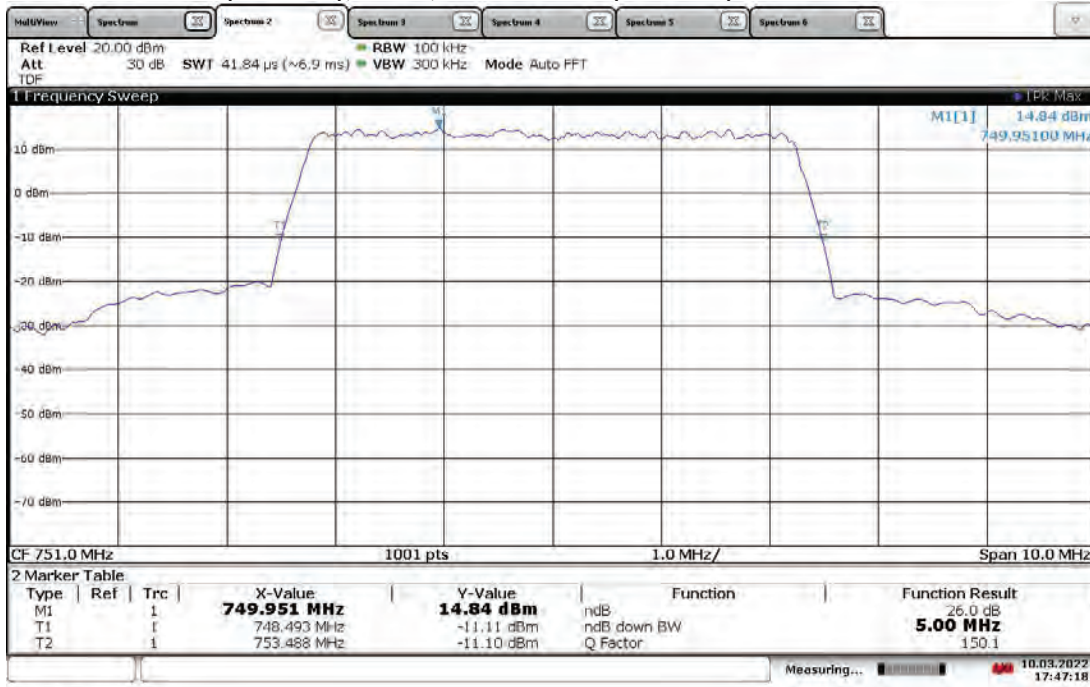

18:21:04 10.03.2022

TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Low Channel (748.5 MHz) 26 dB Bandwidth

TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Low Channel (748.5 MHz) 26 dB Bandwidth

TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
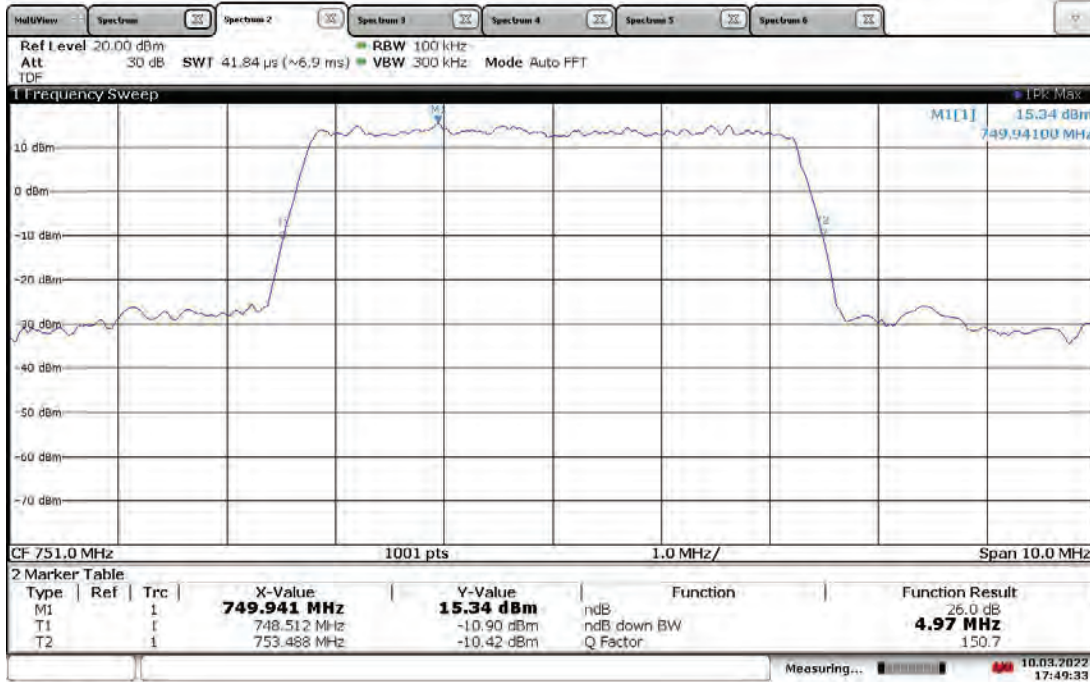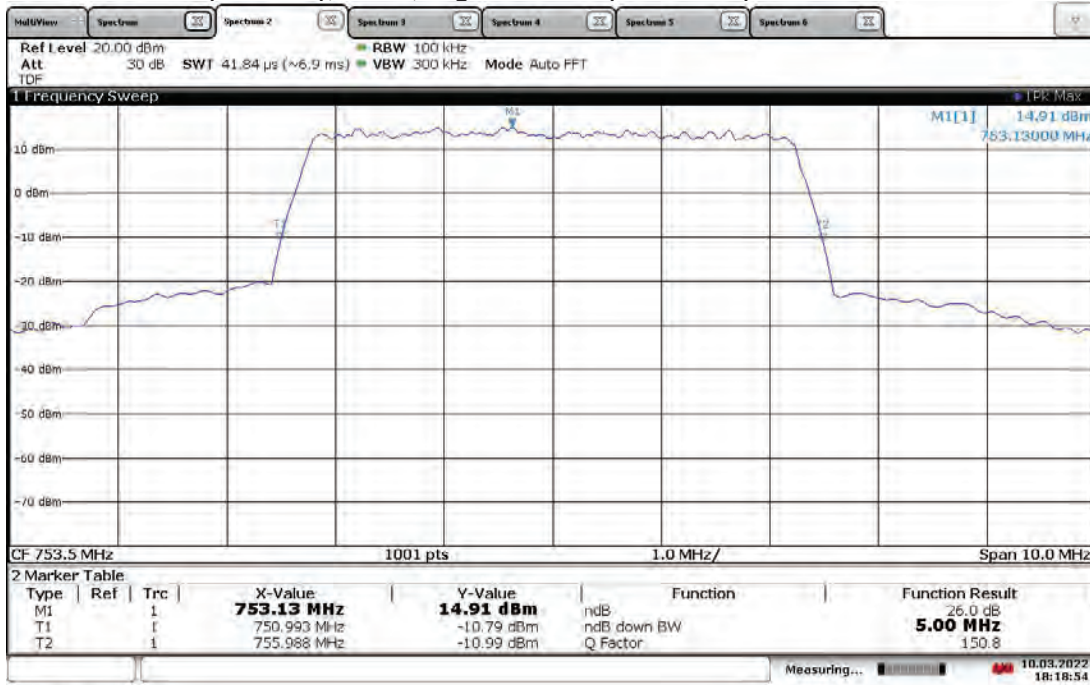**Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth**

18:00:44 10.03.2022

TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth

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TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) 26 dB Bandwidth

TM3.2-16QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) 26 dB Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Low Channel (748.5 MHz) 26 dB Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Low Channel (748.5 MHz) 26 dB Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth

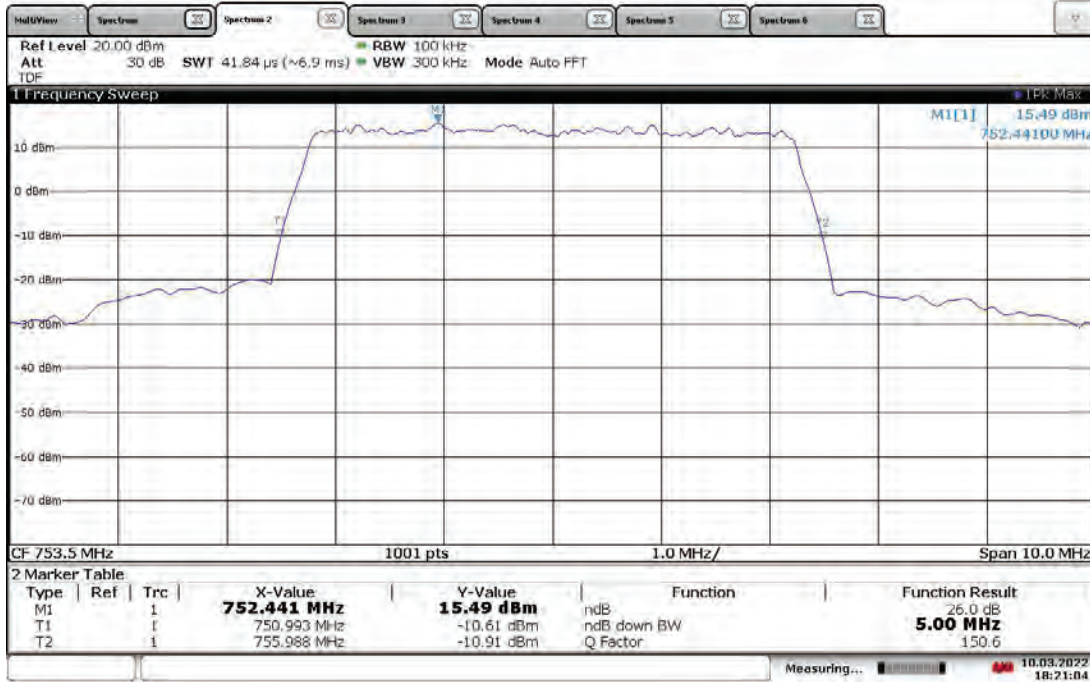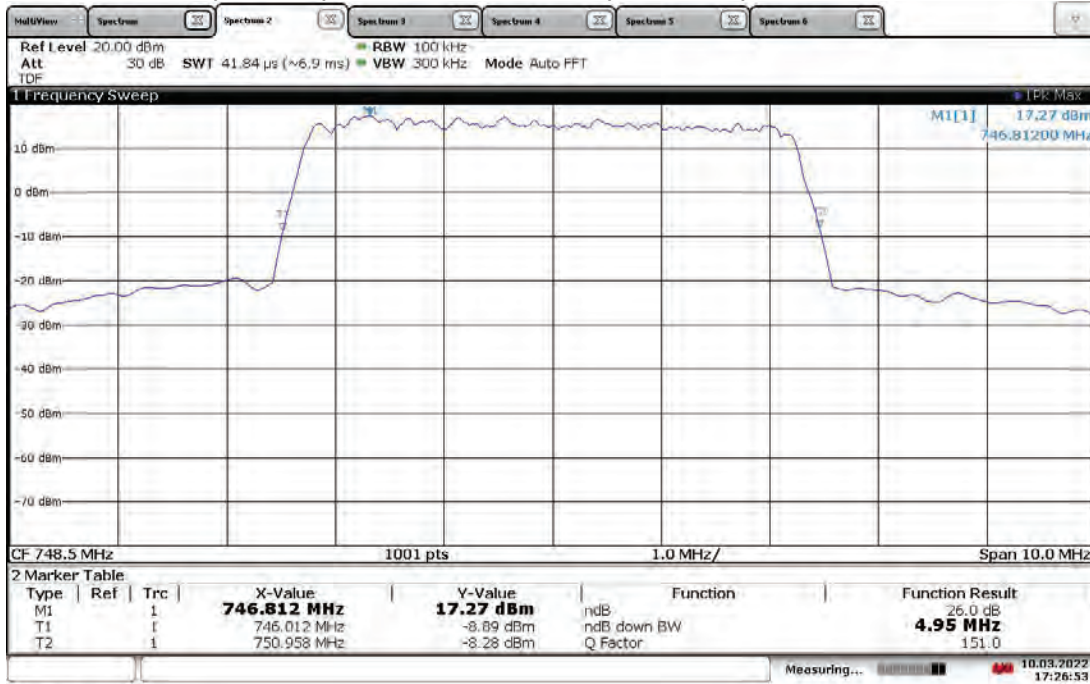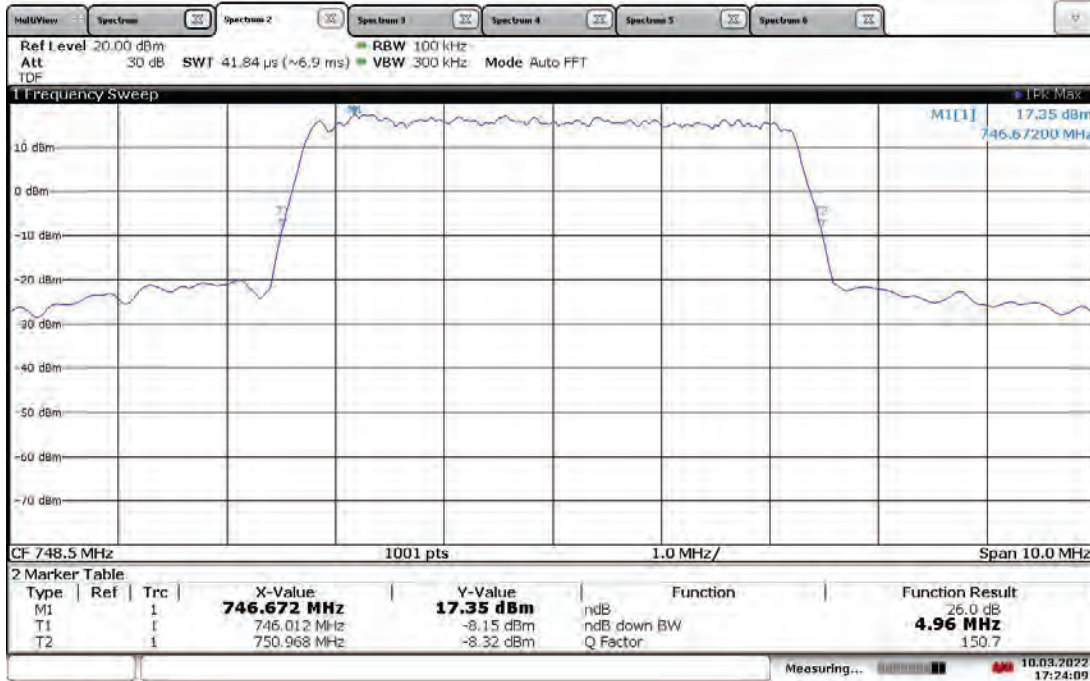**TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host**
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) 26 dB Bandwidth

TM3.1-64QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) 26 dB Bandwidth

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
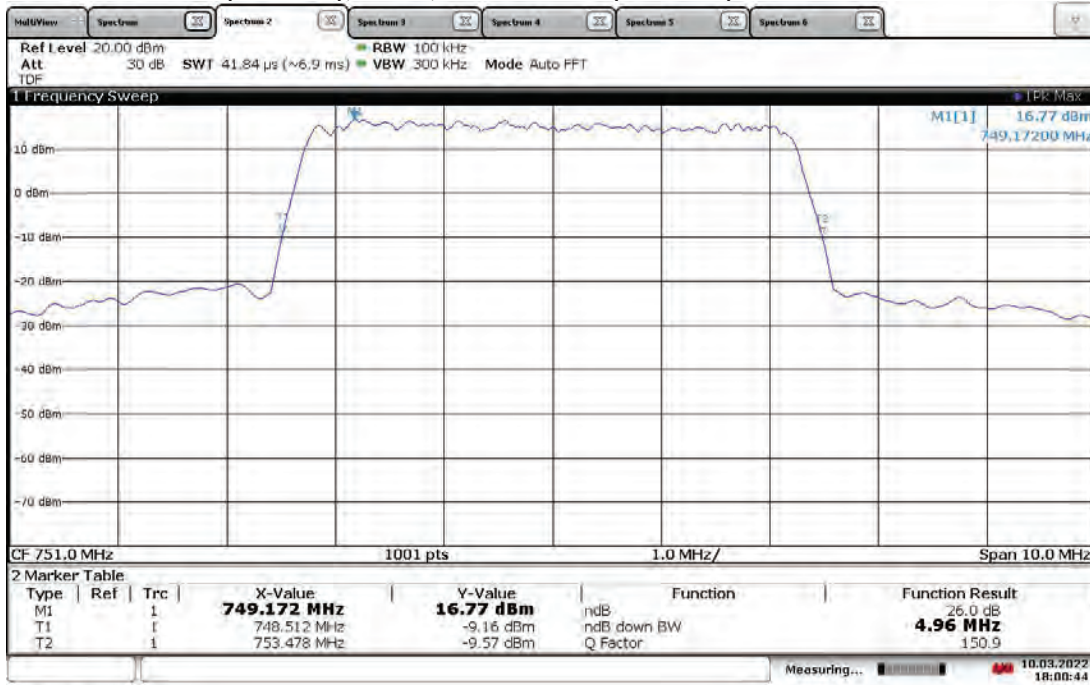**Slot 0 (Band 13), ANT0, Low Channel (748.5 MHz) 26 dB Bandwidth**

17:40:46 10.03.2022

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
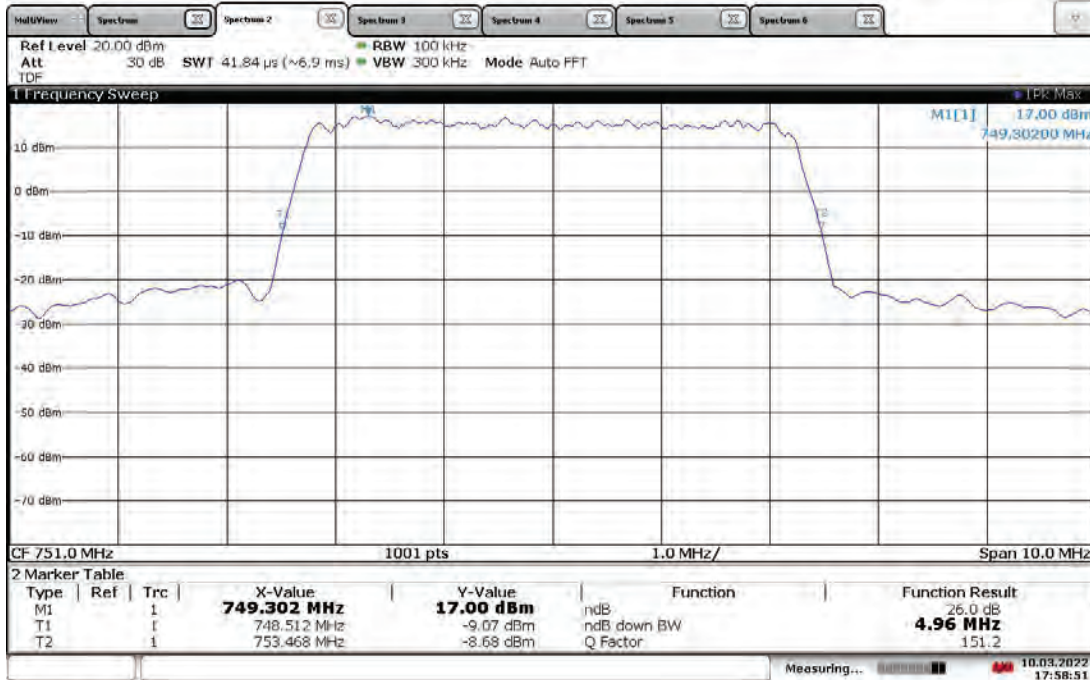**Slot 0 (Band 13), ANT1, Low Channel (748.5 MHz) 26 dB Bandwidth**

17:38:42 10.03.2022

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
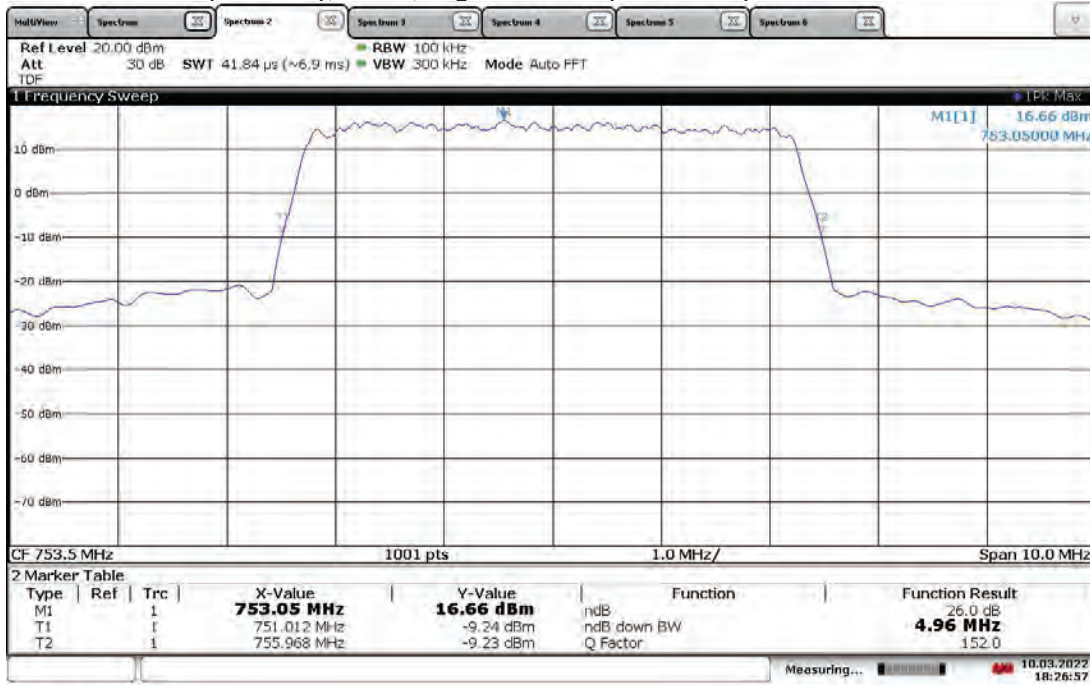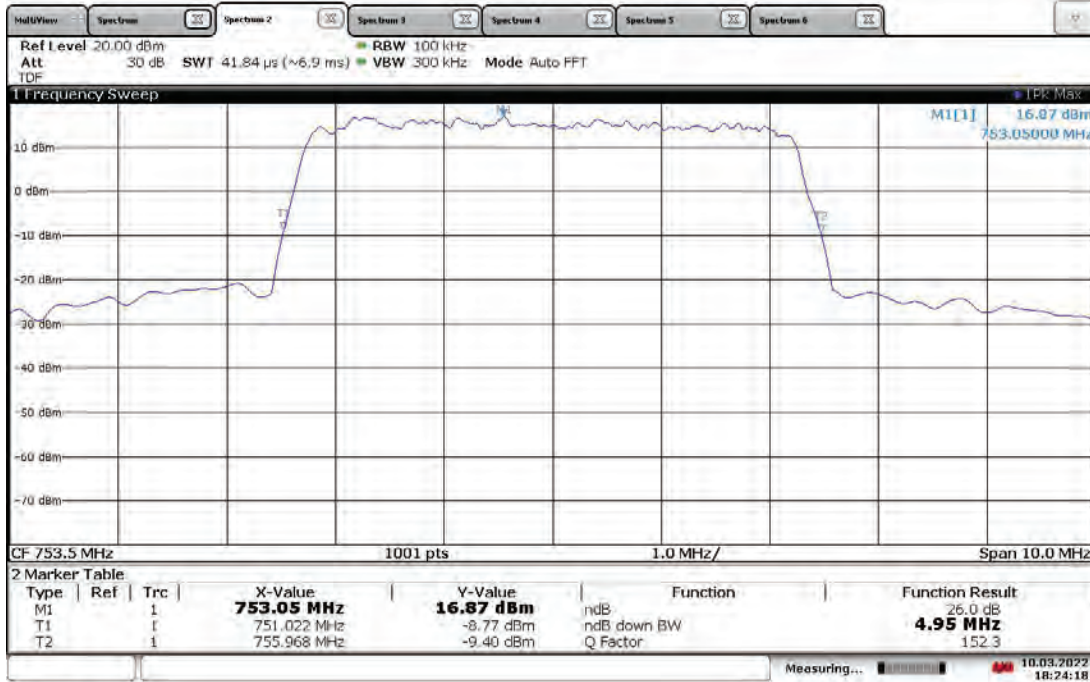## Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth

TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth
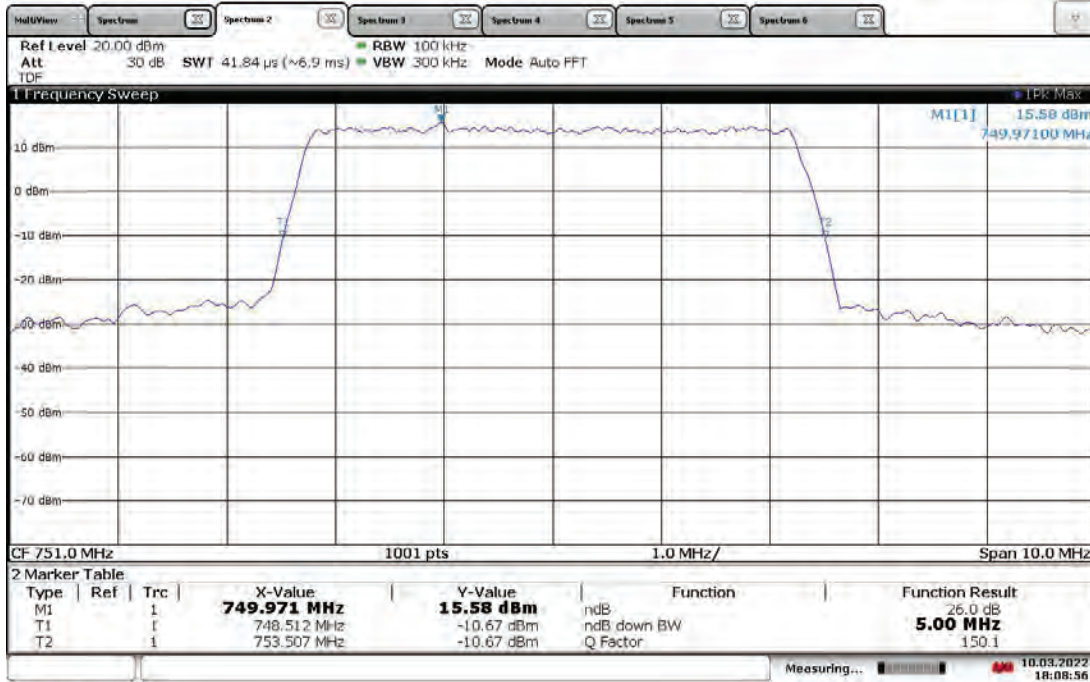
TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, High Channel (753.5 MHz) 26 dB Bandwidth
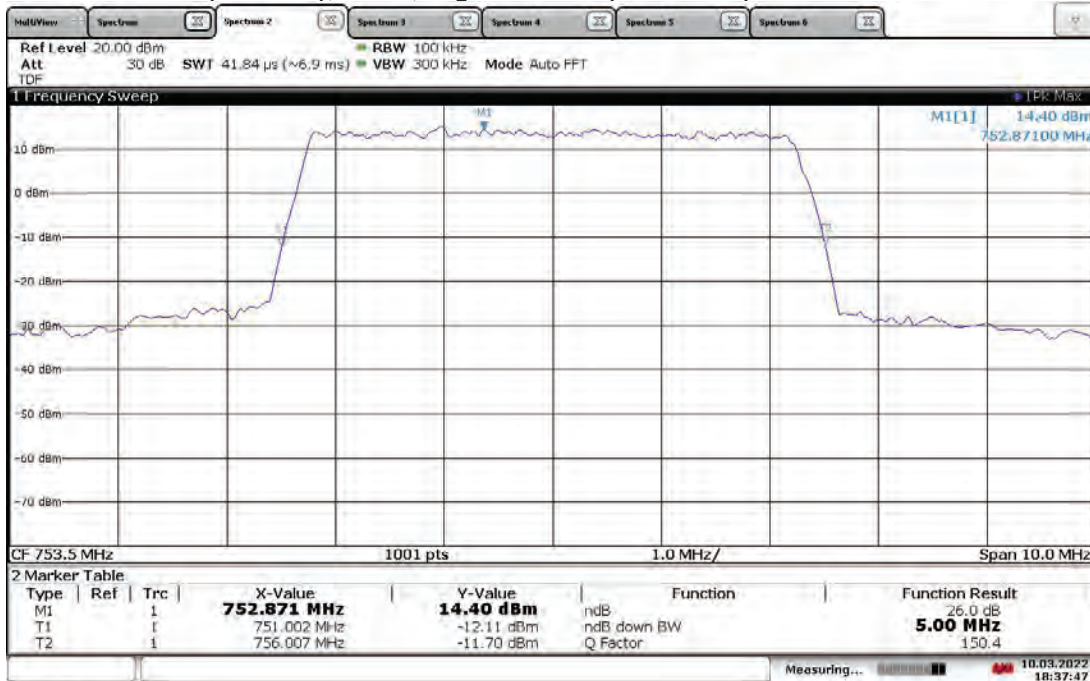
TM3.1a-256QAM_5 MHz Bandwidth (4G LTE) With RP5200 Host
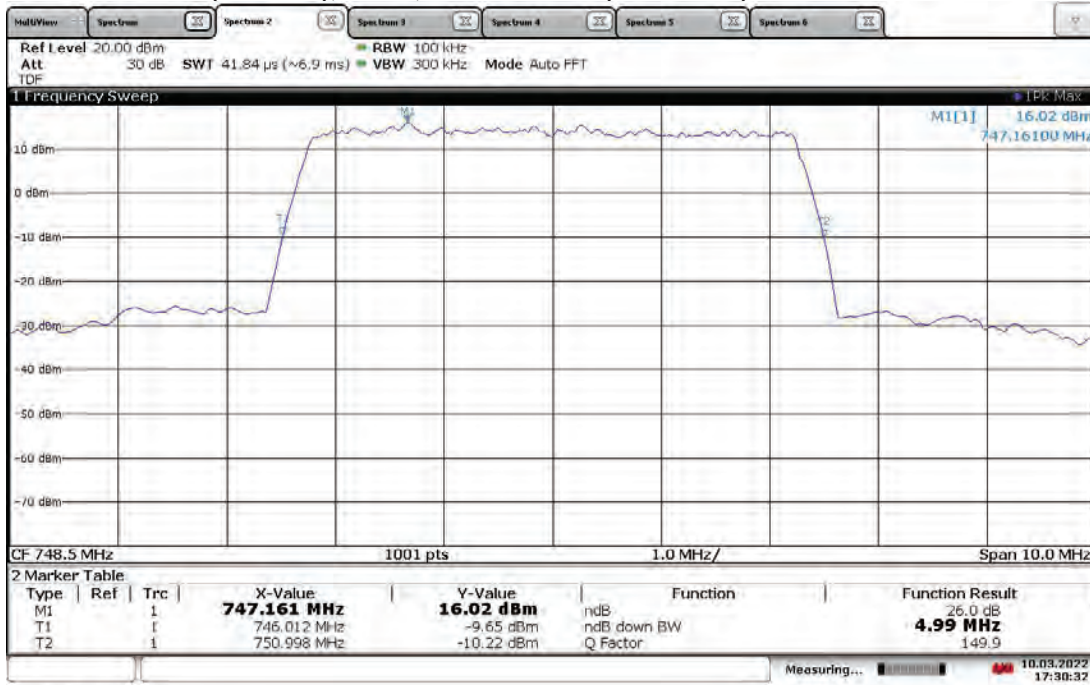**Slot 0 (Band 13), ANT1, High Channel (753.5 MHz) 26 dB Bandwidth**

**TM1.1-QPSK_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth**

18:43:39 10.03.2022

**TM1.1-QPSK_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth**
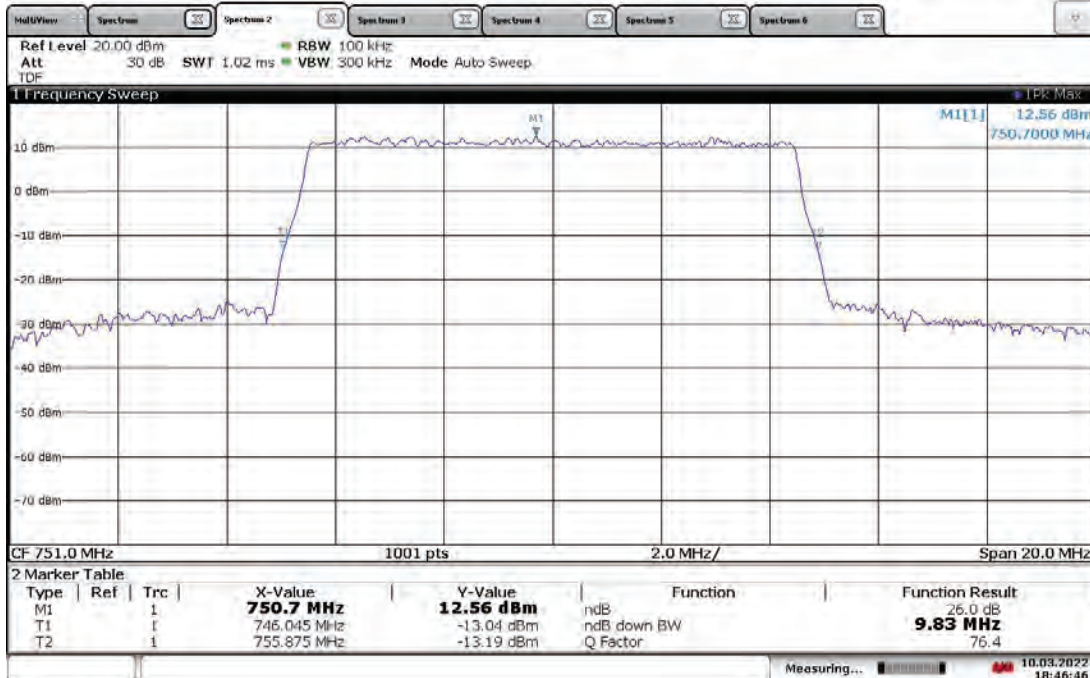
18:46:47 10.03.2022

TM3.2-16QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth
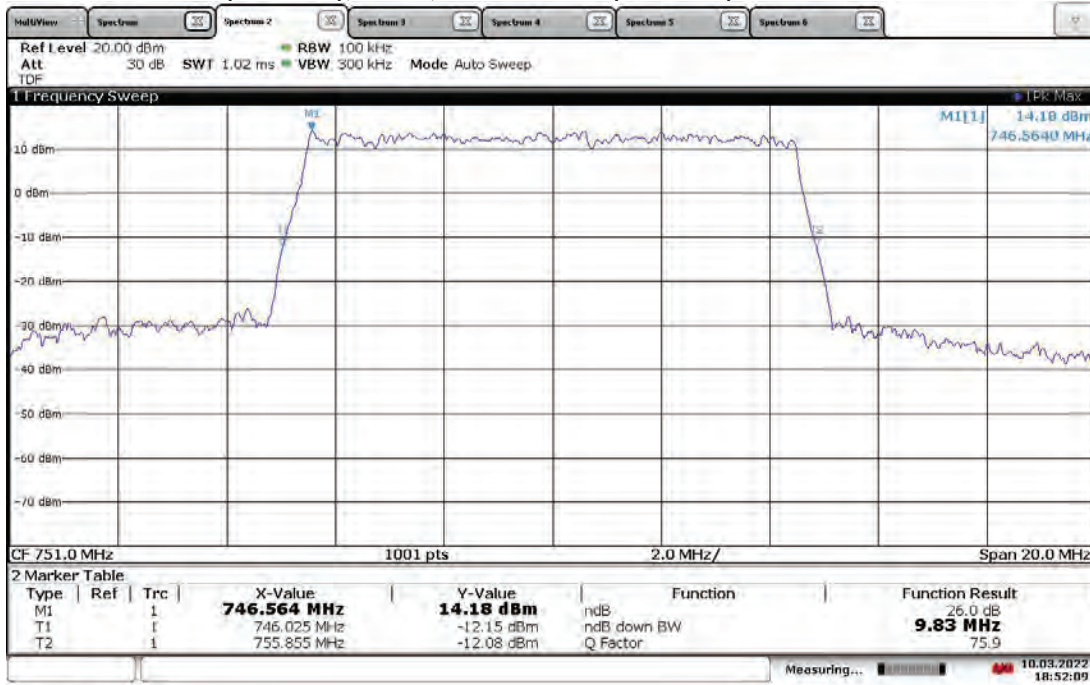
18:52:09 10.03.2022

TM3.2-16QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
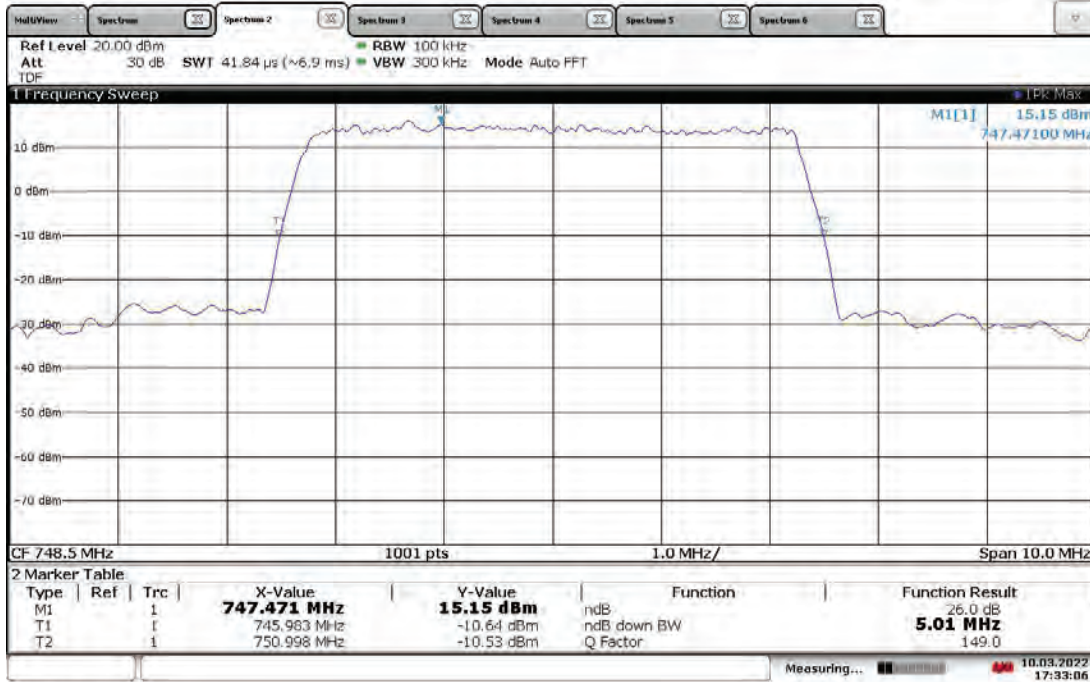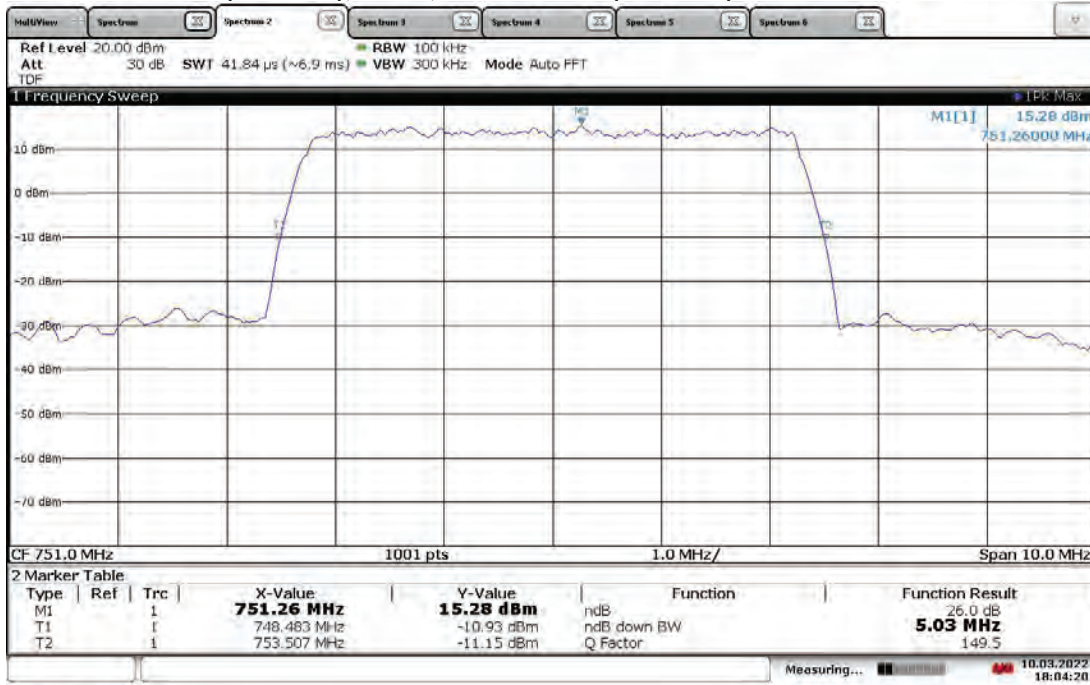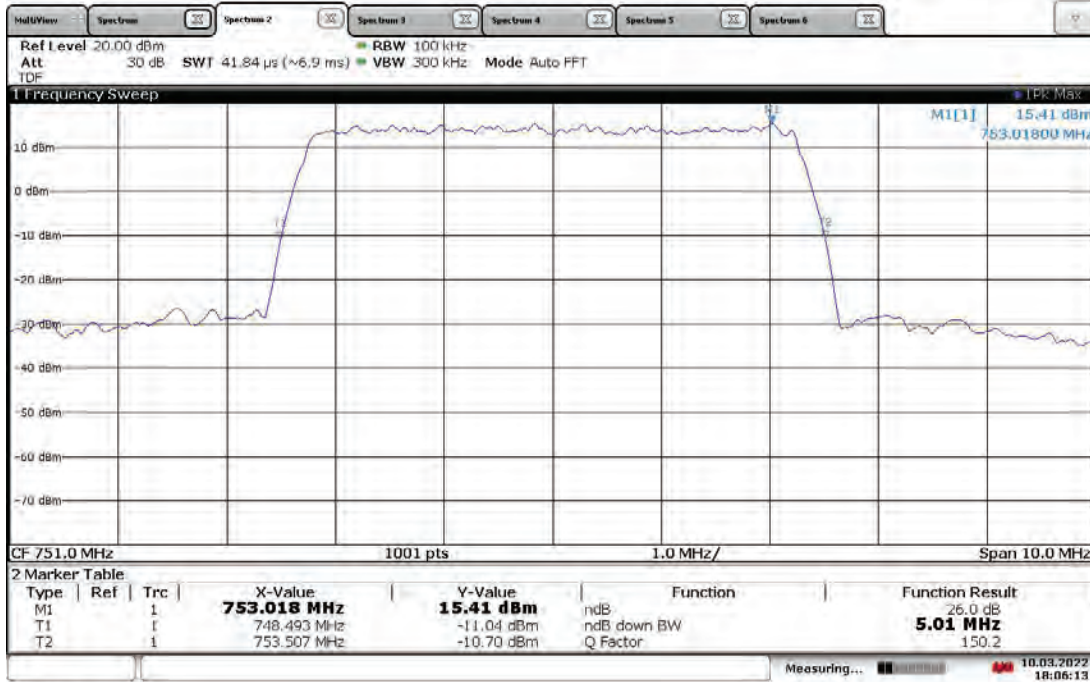**Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth**
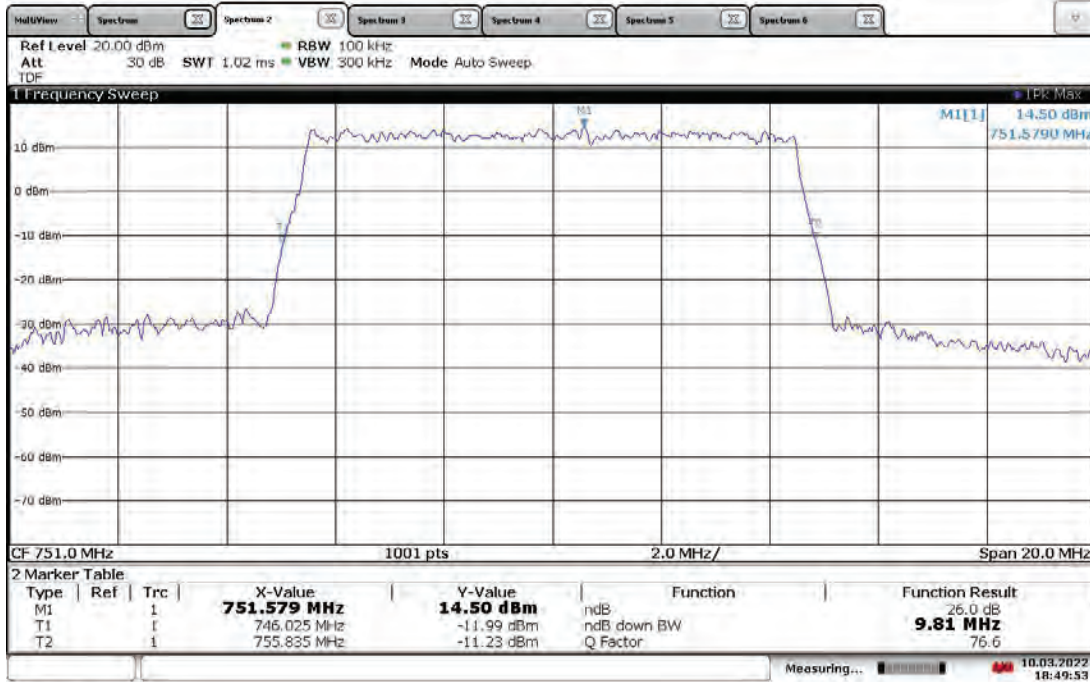
18:49:53 10.03.2022

TM3.1-64QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth
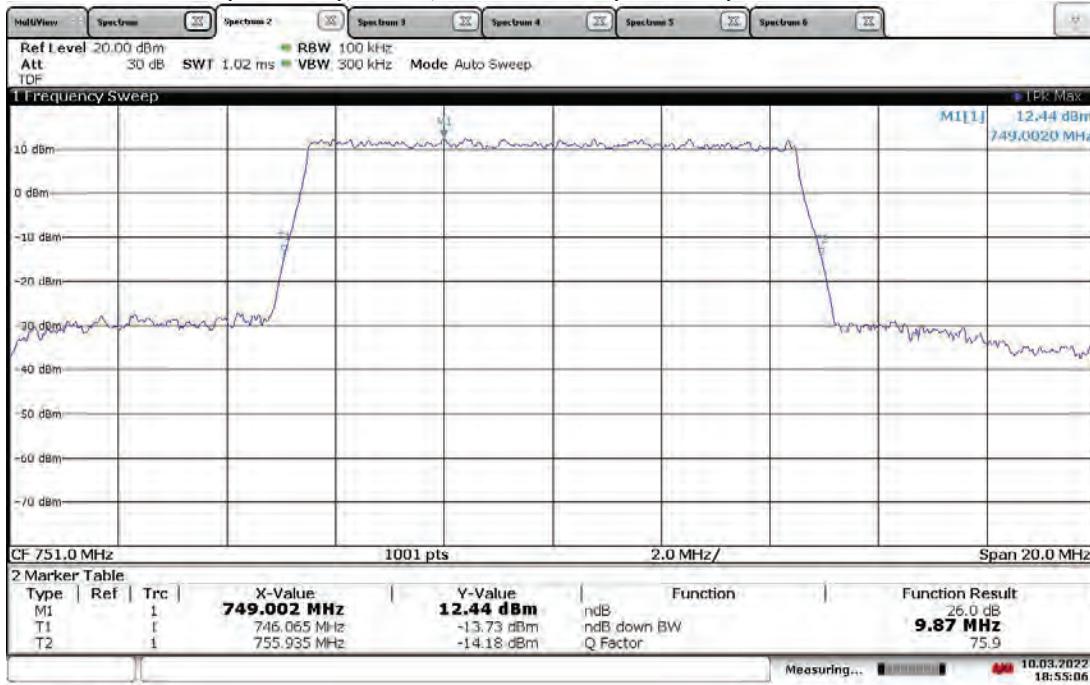
18:55:06 10.03.2022

TM3.1-64QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) Occupied Bandwidth
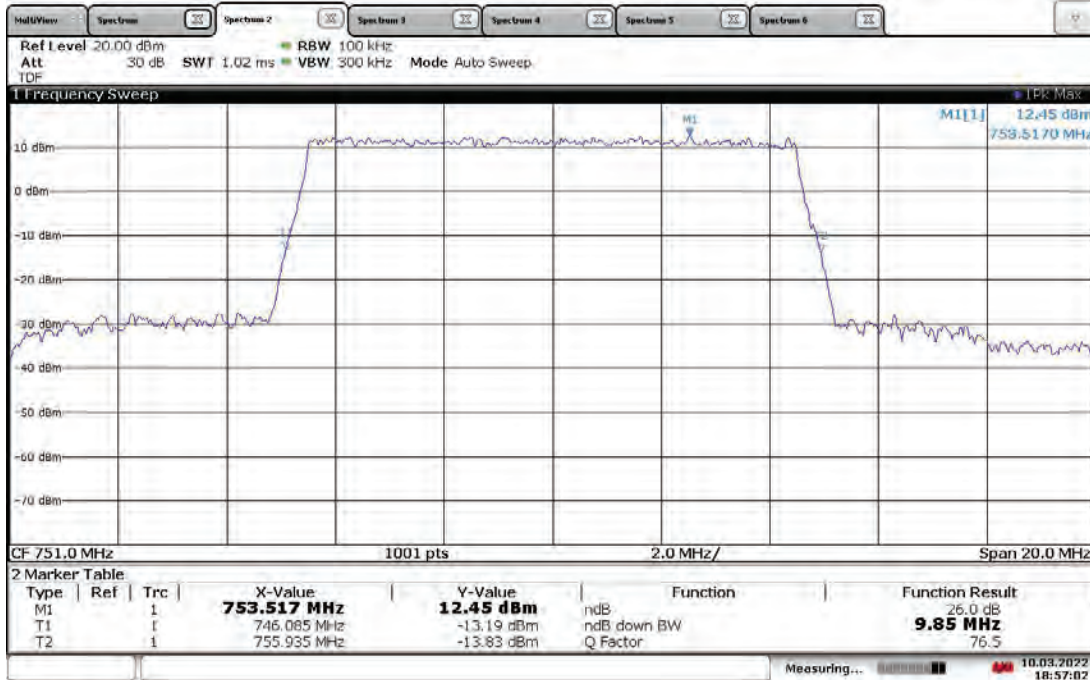
18:57:02 10.03.2022

**TM3.1a-256QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
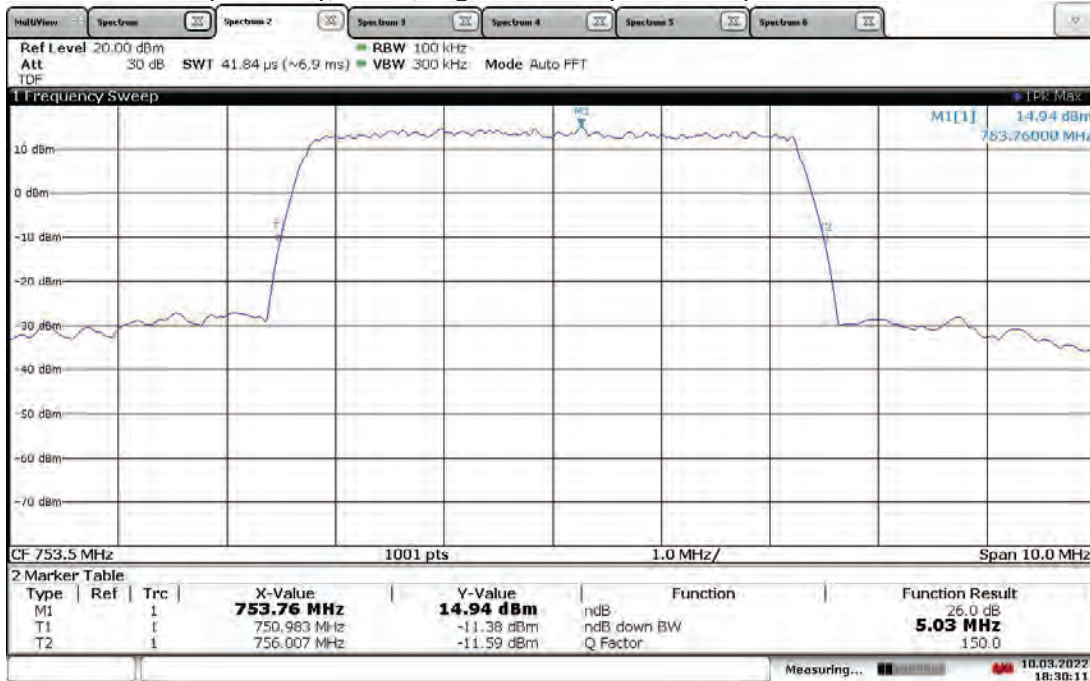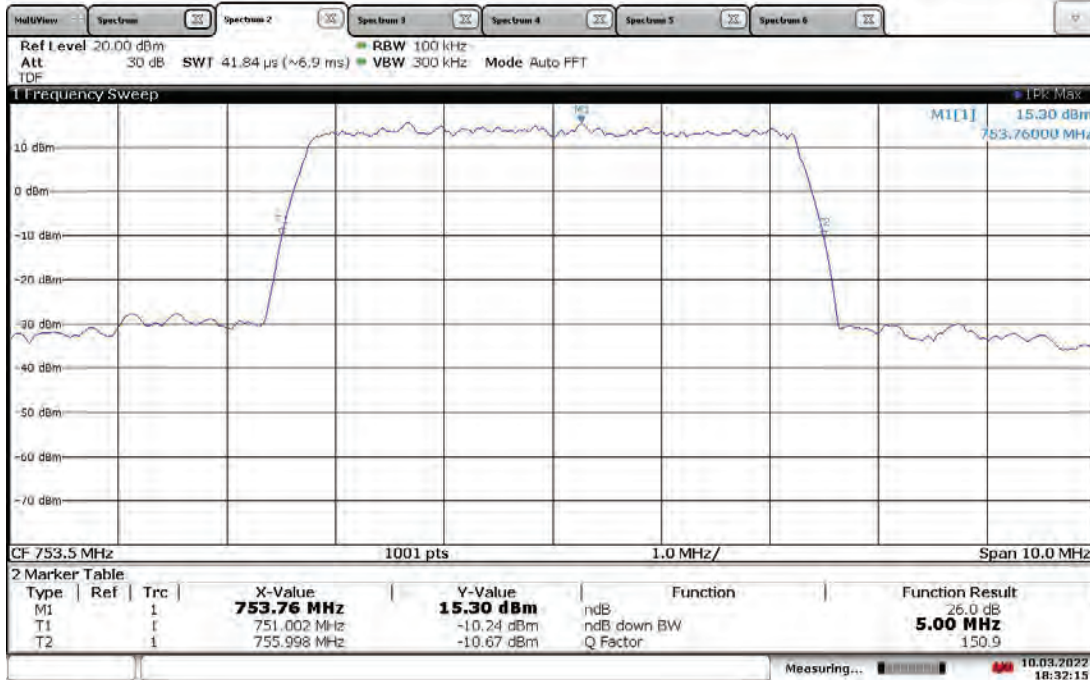Slot 0 (Band 13), ANT0, Mid Channel (751 MHz) 26 dB Bandwidth**
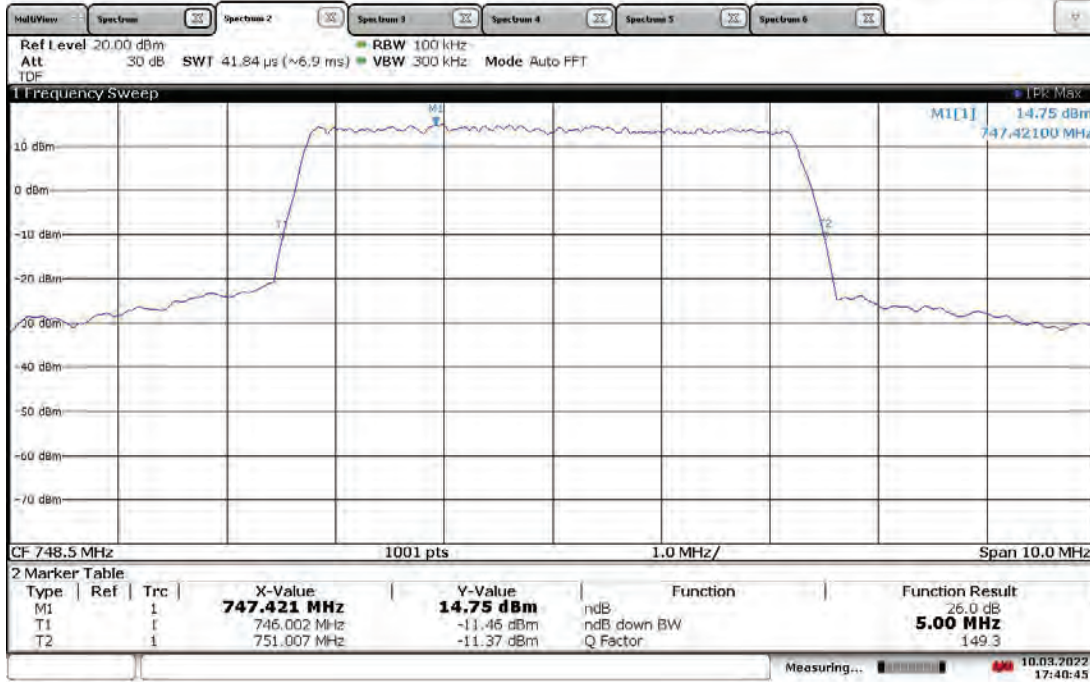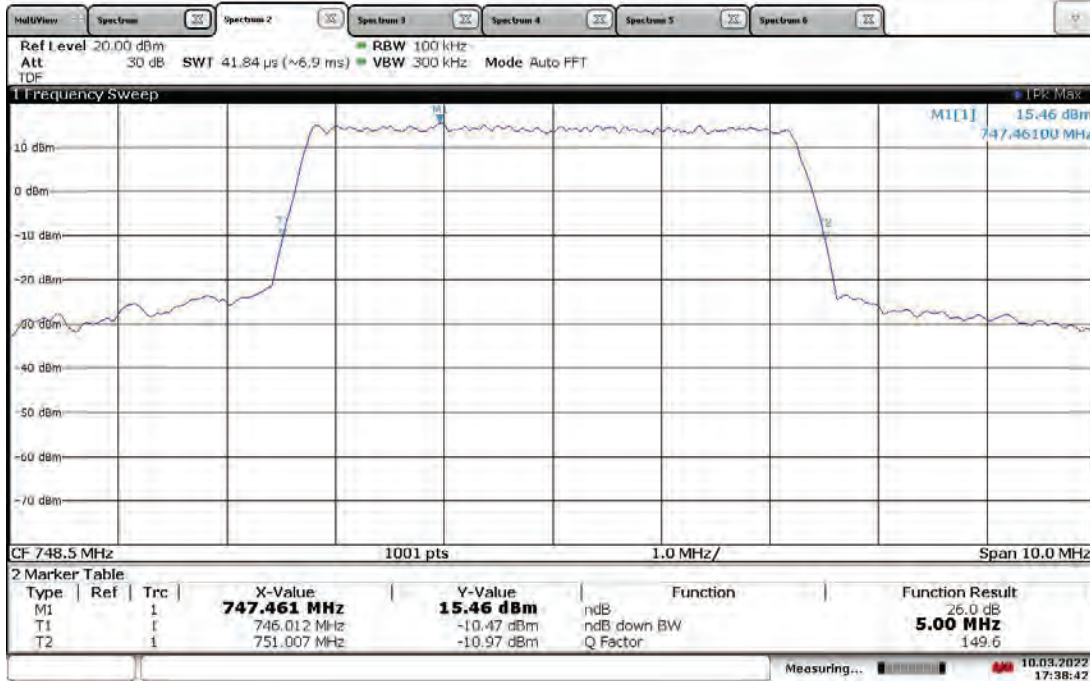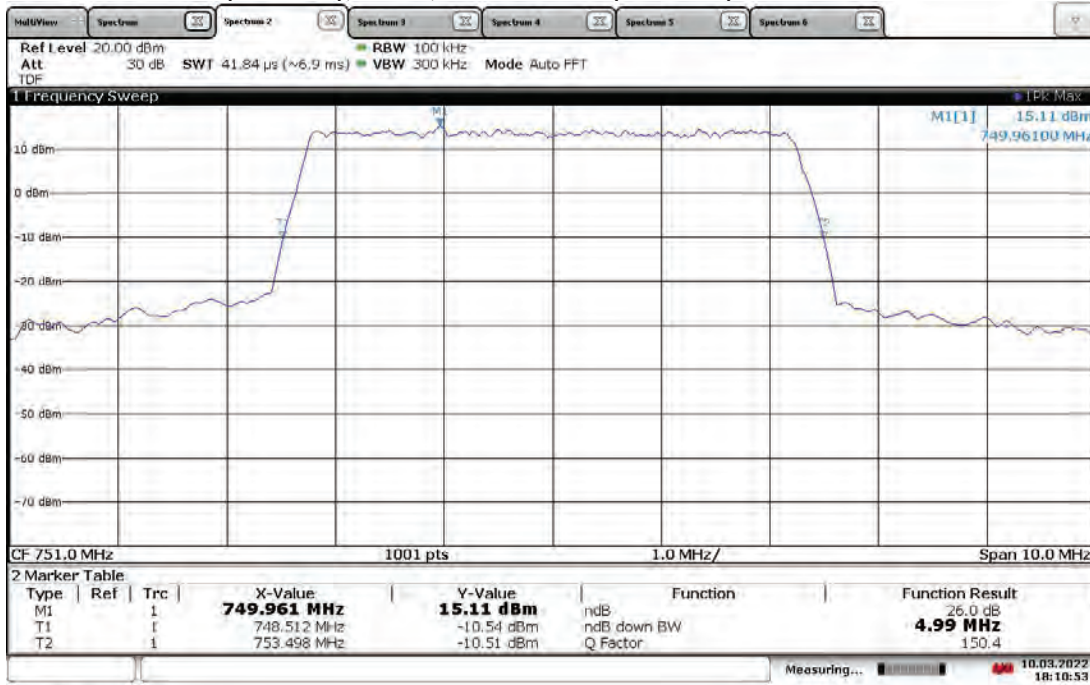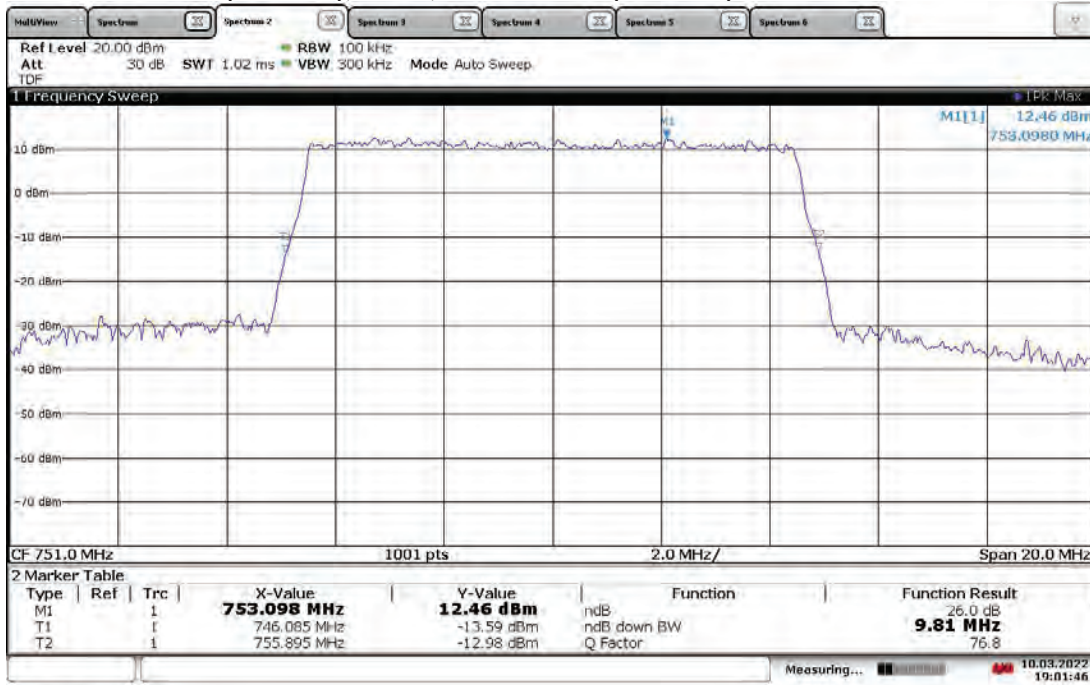

**TM3.1a-256QAM_10 MHz Bandwidth (4G LTE) With RP5200 Host
Slot 0 (Band 13), ANT1, Mid Channel (751 MHz) 26 dB Bandwidth**
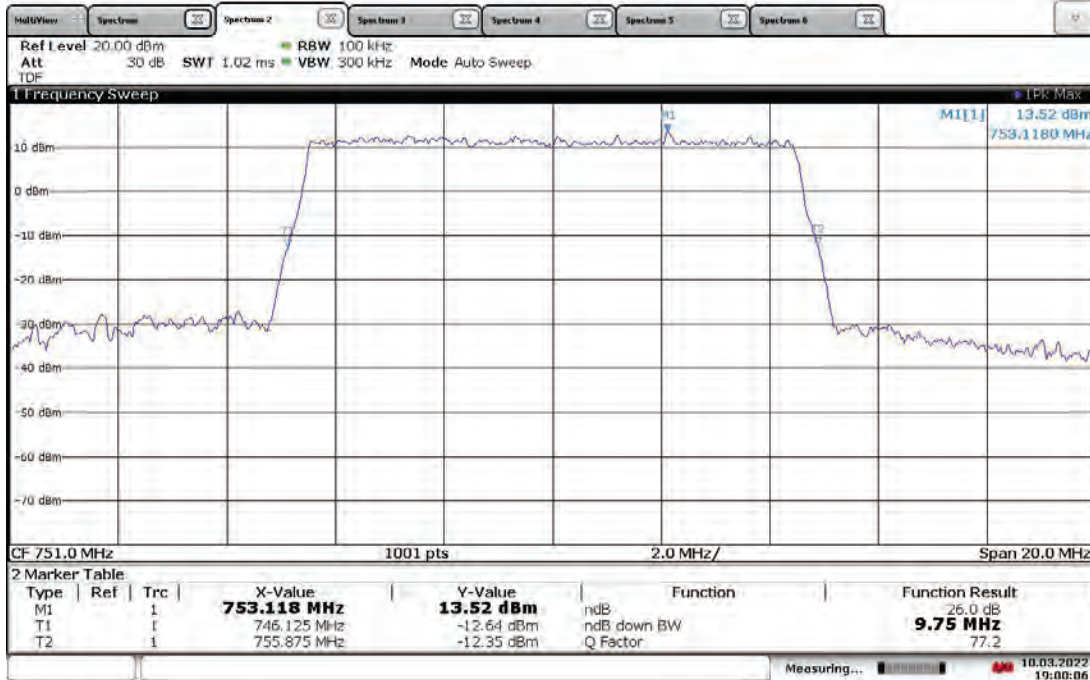
Test Personnel:	Kouma Sinn _kps_	Test Date:	03/09/2022
Supervising/Reviewing Engineer: (Where Applicable)	Vathana F. Ven _VFV_		
Product Standard:	FCC Part 27	Limit Applied:	See report section 7.3
Input Voltage:	48 VDC (POE)		
Pretest Verification w/ Ambient Signals or BB Source:	N/A	Ambient Temperature:	22 ºC
		Relative Humidity:	22 %
		Atmospheric Pressure:	1005 mbars

Deviations, Additions, or Exclusions: None

8   Band Edge Compliance

8.1   Method

Tests are performed in accordance with ANSI C63.26 and CFR47 FCC Parts 2.1051, 2.1053, and 27.

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
DS40'	Temp, humidity, pressure gauge	Digi Sense	68000-49	181717625	11/09/2021	11/09/2022
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	02/10/2022	02/10/2023

Software Utilized:

Name	Manufacturer	Version
None	--	--

8.3   Results:

The sample tested was found to Comply per FCC Part 27.53 (c)(1)(5) below.

FCC Part 27.53 (c)(1) – For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

FCC Part 27.53 (c) (5) – Compliance with the provisions of paragraph of (c)(1) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

Since the two antenna ports transmit uncorrelated data streams and use cross polarized antennas, no adjustments to the test results were applied due to MIMO operation, per KDB 662911.

8.4   Setup Photograph:

Confidential – Photos not included in this report

8.5 Plots/Data:

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK
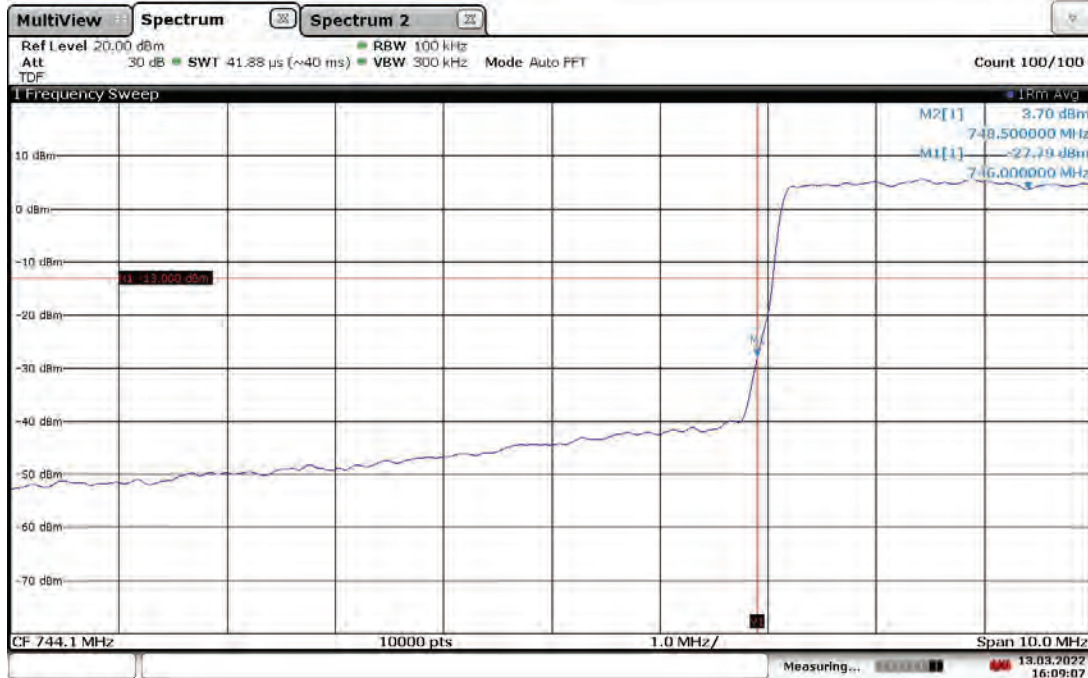
Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

16:15:02 13.03.2022

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

16:14:17 13.03.2022

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM

16:07:15 13.03.2022

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM

16:06:30 13.03.2022

Band Edge Compliant, Upper Band Edge, 753.5MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM
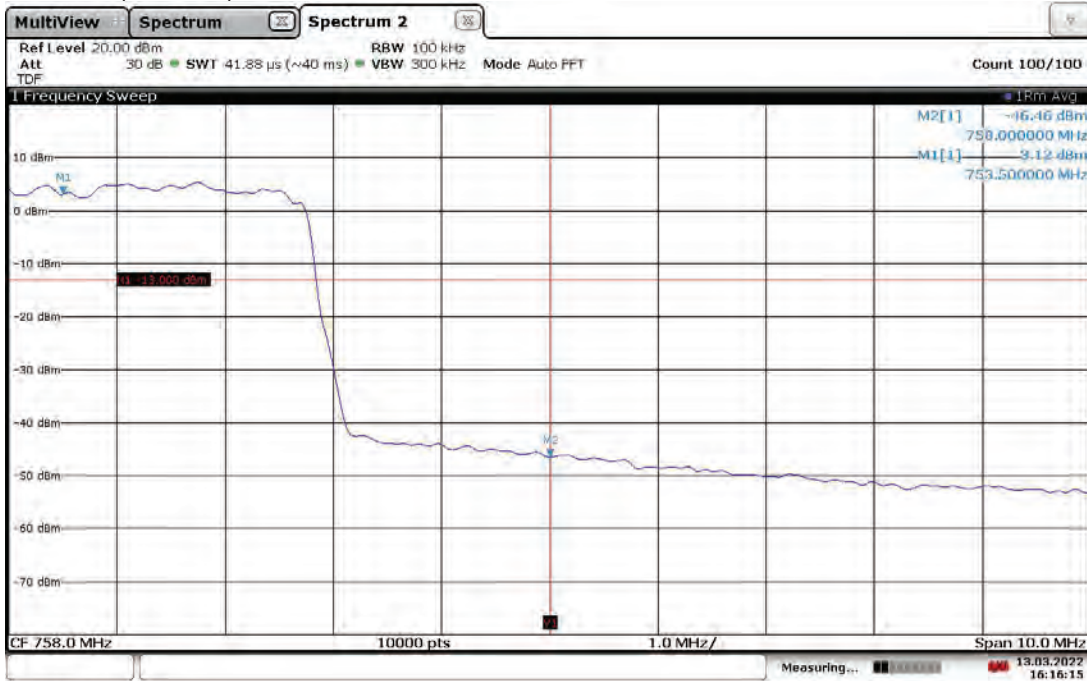
16:16:16 13.03.2022

Band Edge Compliant, Upper Band Edge, 753.5MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.2-16QAM
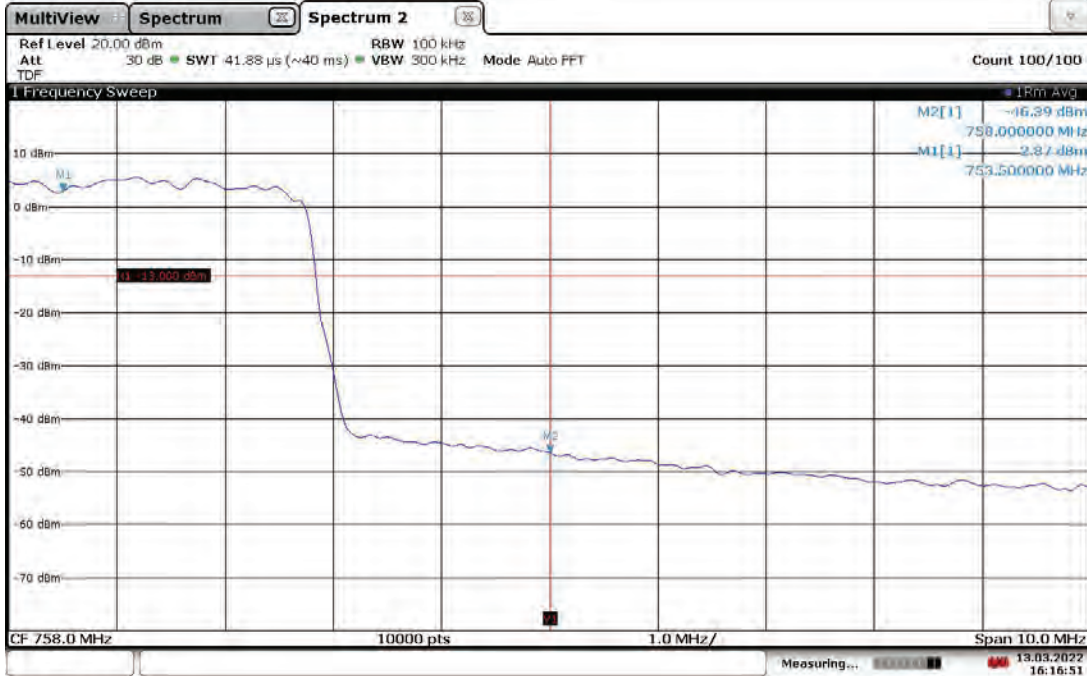
16:16:52 13.03.2022

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM
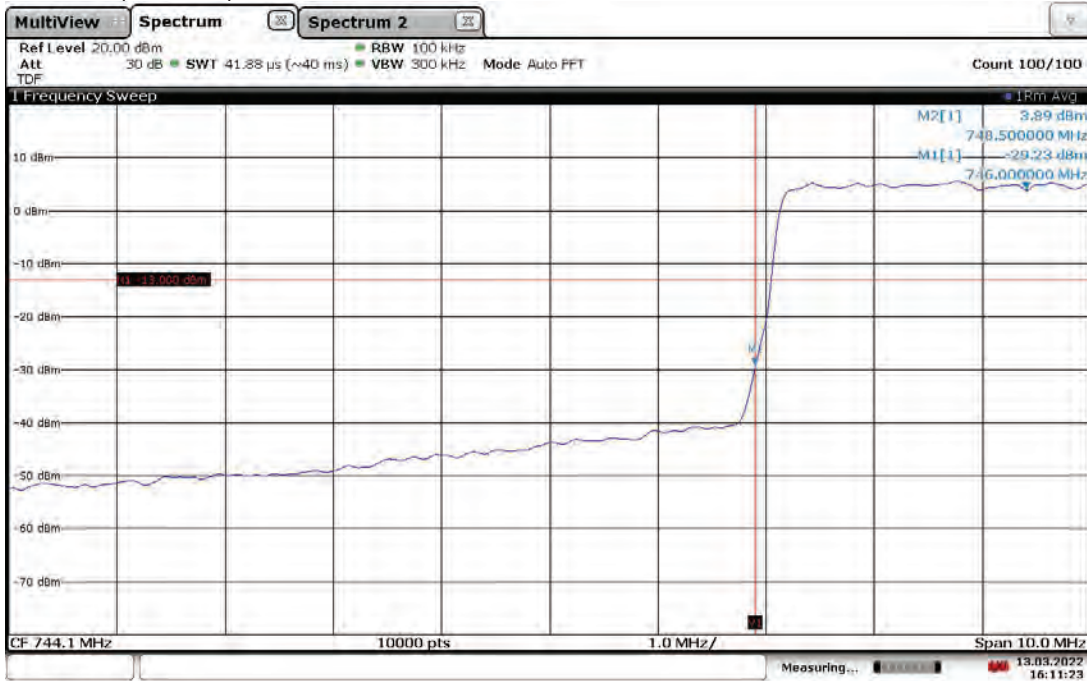
16:11:24 13.03.2022

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM
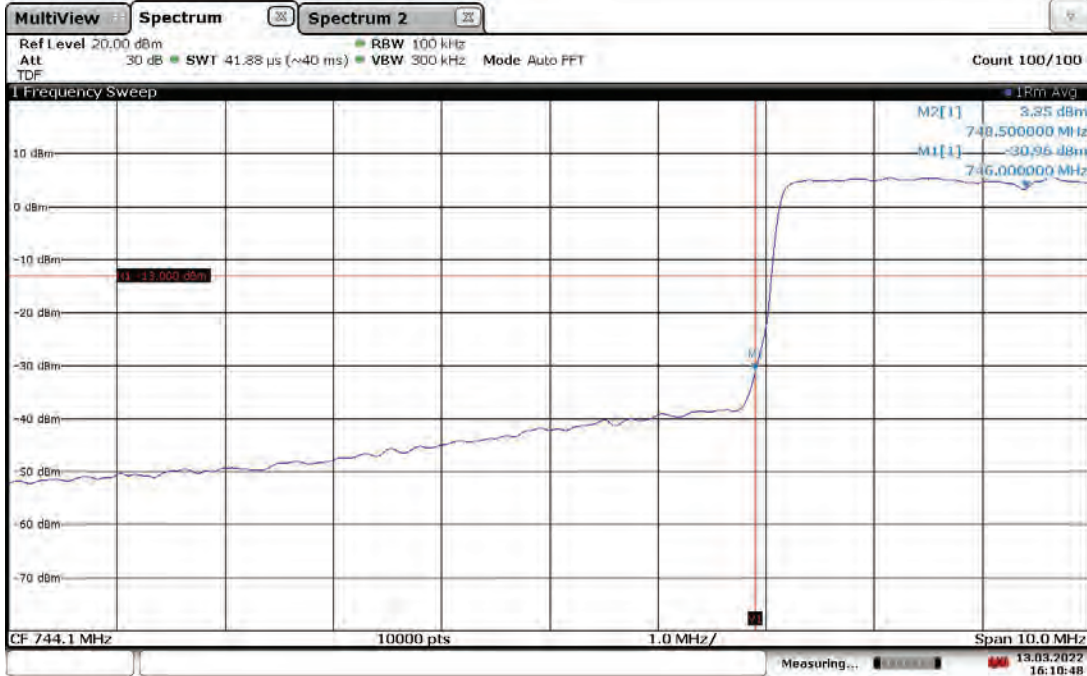
16:10:49 13.03.2022

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1-64QAM
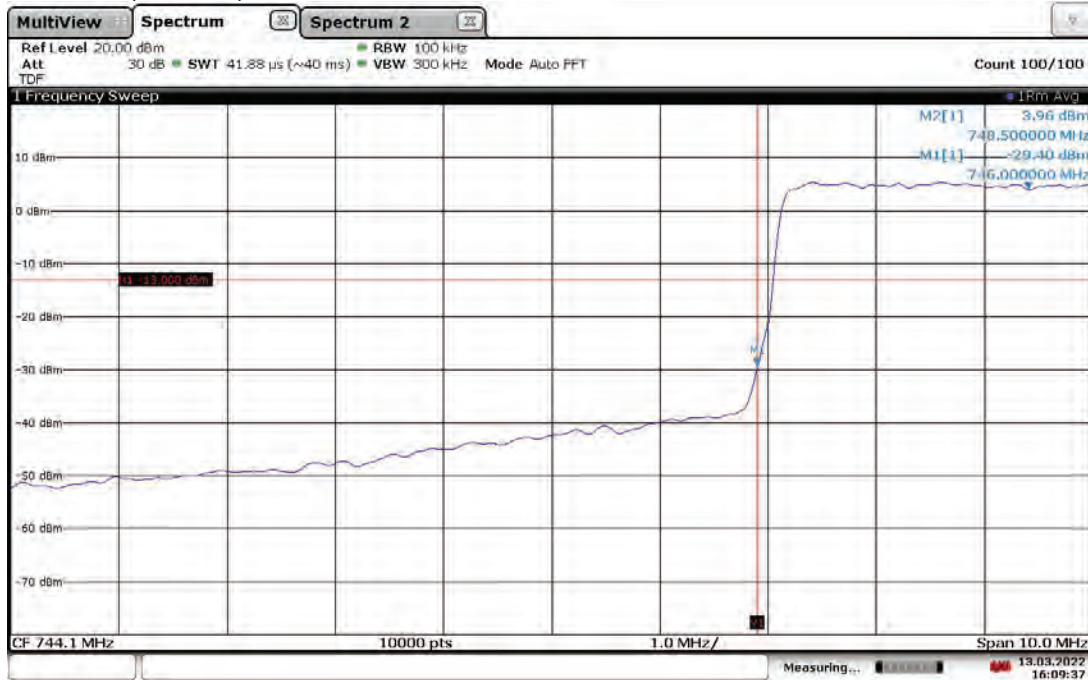
Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM

Band Edge Compliant, Lower Band Edge, 748.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
Slot 0 (Band 13), Antenna Port: ANT0, Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM
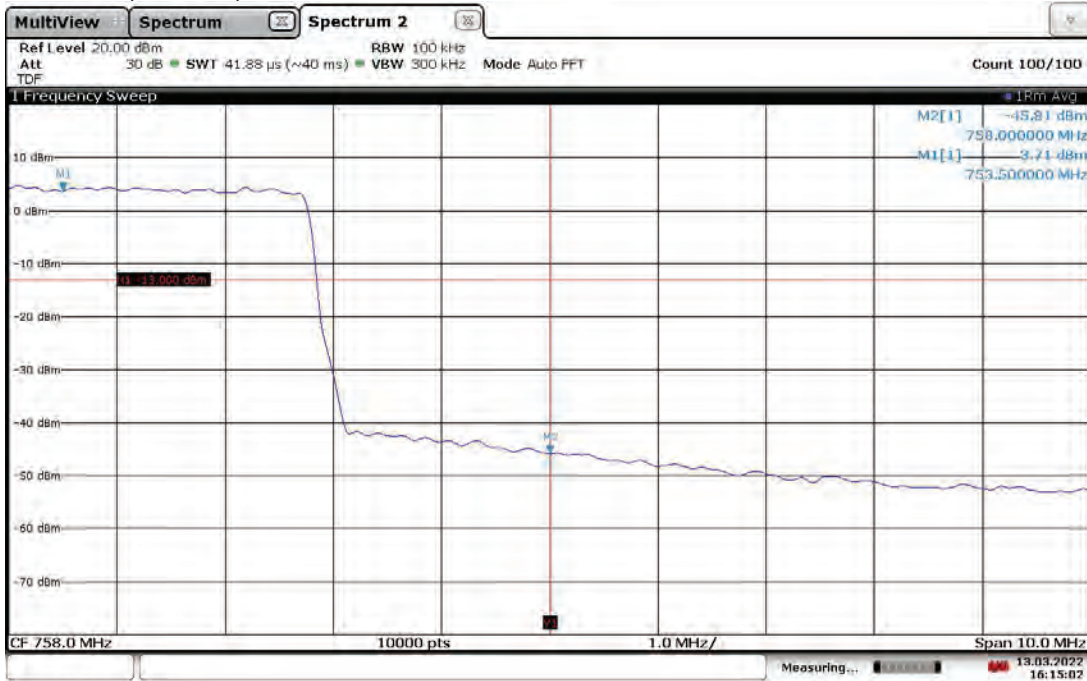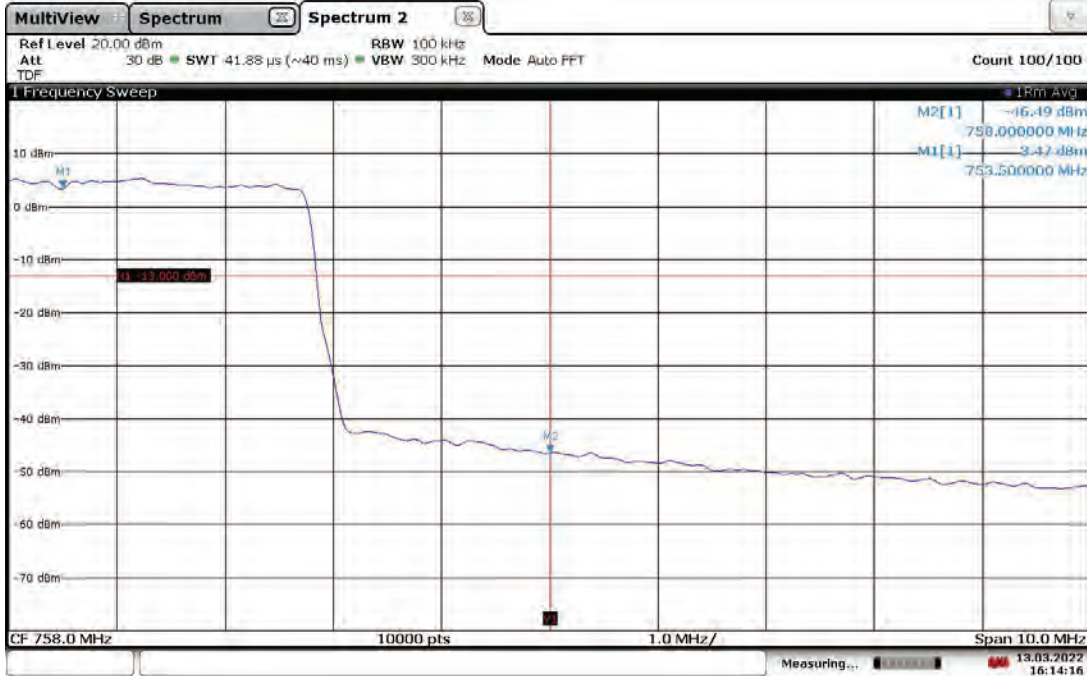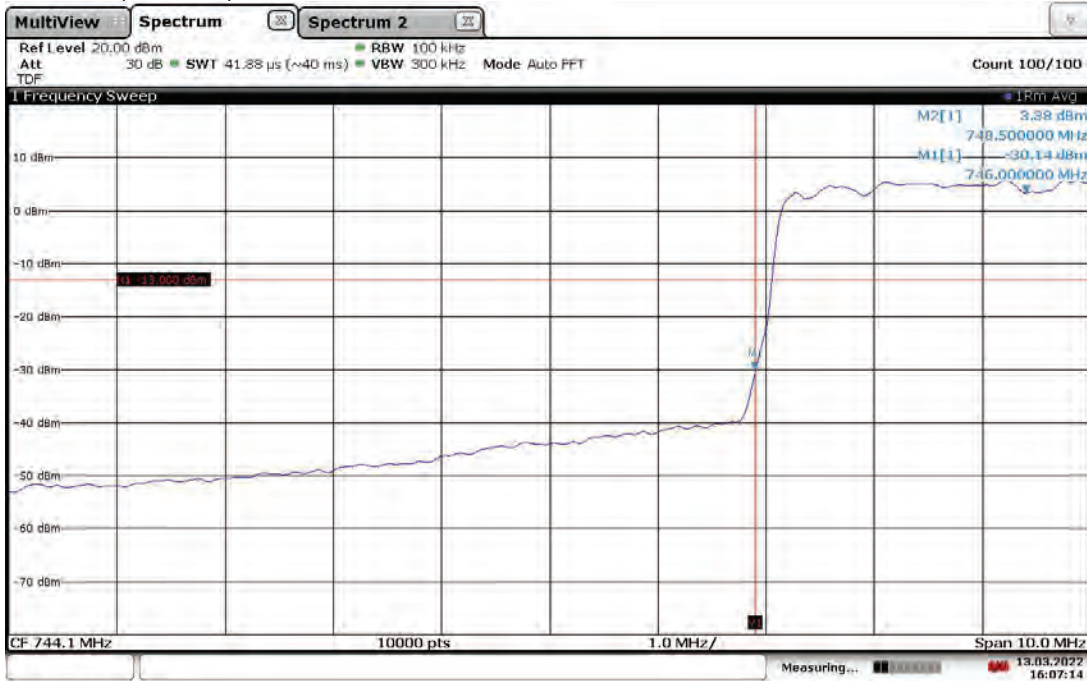

16:18:41 13.03.2022

Band Edge Compliant, Upper Band Edge, 753.5 MHz (4G LTE) With RP5200 Host
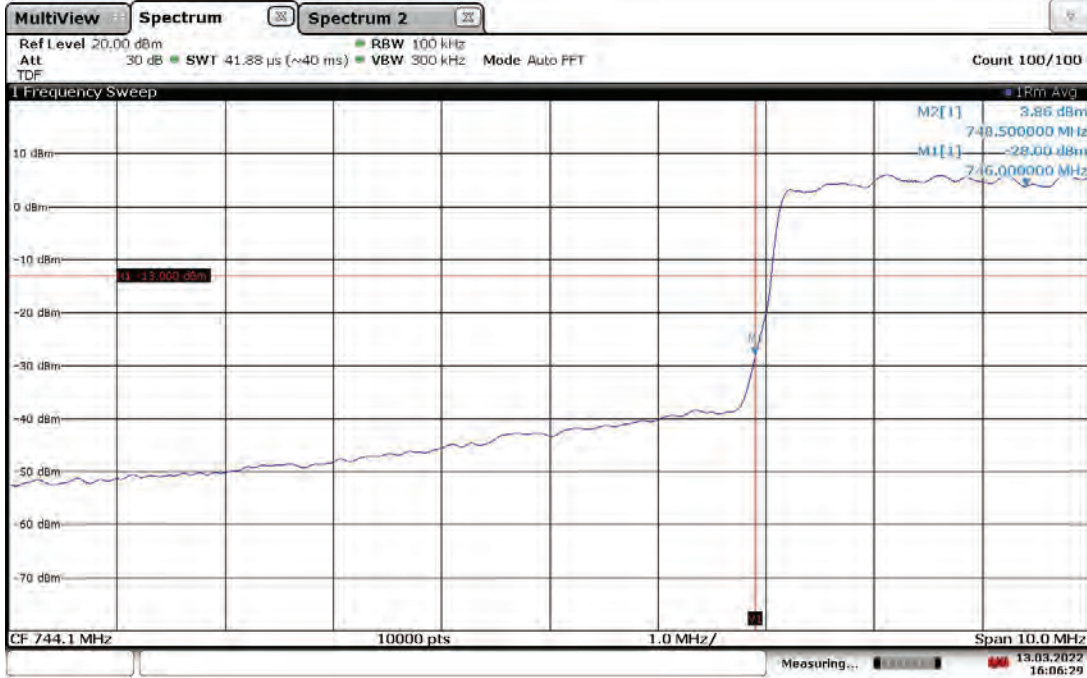Slot 0 (Band 13), Antenna Port: ANT1, Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM
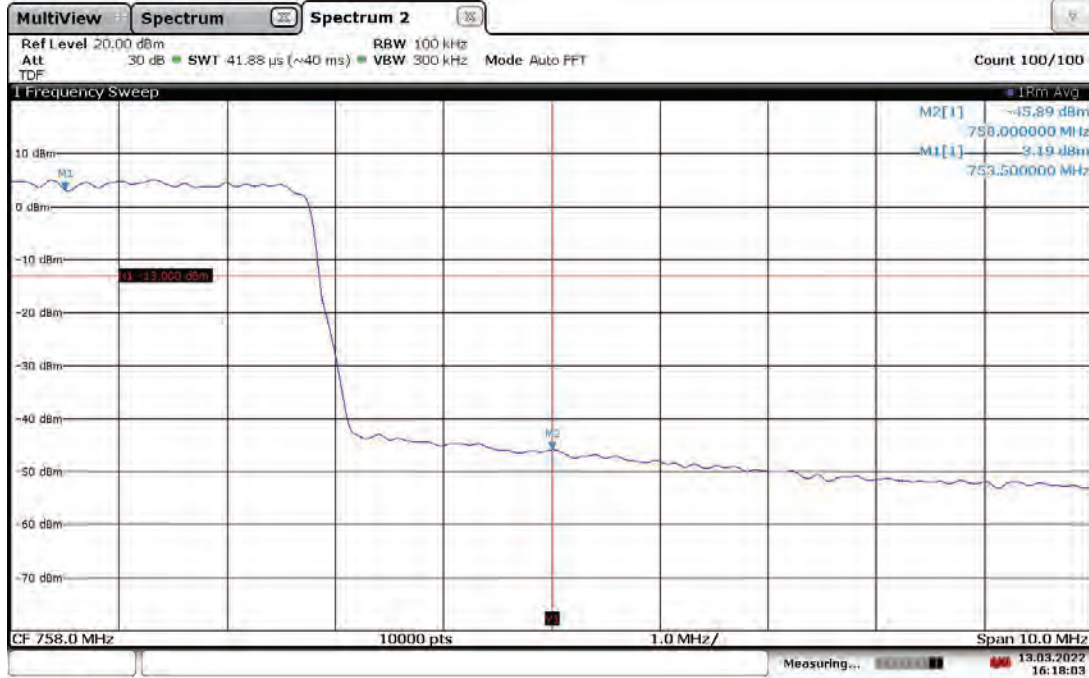
16:18:04 13.03.2022

Test Personnel:	Kouma Sinn	Test Date:	03/13/2022
Supervising/Reviewing Engineer: (Where Applicable)	Vathana F. Ven		
Product Standard:	FCC Part 27	Limit Applied:	See report section 8.3
Input Voltage:	48 VDC (POE)		
Pretest Verification w/ Ambient Signals or BB Source:	N/A	Ambient Temperature:	22 ºC
		Relative Humidity:	11 %
		Atmospheric Pressure:	1008 mbars

Deviations, Additions, or Exclusions: None

9   Frequency Stability

9.1   Method

Tests are performed in accordance with ANSI C63.26 and CFR47 FCC Parts 2.1055 and 27.

TEST SITE: Safety Lab

9.2   Test Equipment Used:

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
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	02/10/2022	02/10/2023
SAF1153'	Freezing Rain\Icing\Temp\Humidity\ -73deg C to +190deg C, 95% humidity, Ice Freezing Rain	Cincinnati Sub-Zero	CTH-(FR)64-6-6-SC/AC	12-CT15628	11/22/2021	11/22/2022

Software Utilized:

Name	Manufacturer	Version
None	--	--

9.3   Results:

The sample tested was found to Comply.

§27.54 Frequency stability – The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. The occupied bandwidth measurement was used to make sure the lower and upper frequencies of the occupied bandwidth remains within the assigned band of 746-758 MHz.

Band 13 (4G LTE) With RP5200, Mod: 64QAM, BW: 5 MHz, Ant. Port: ANT1, Low Ch. 748.5 MHz

Frequency stability over temperature

Band 13, Mod: TM3.1-64QAM (worst-case pwr), BW: 5MHz, Ant. Port: ANT1 , Channel: Low 748.5 MHz

Low Edge of Occupied Bandwidth

Temperature	Low Edge	Low Edge Deviation	Low Edge (%)	PPM	Limit
(Deg. C)	(GHz)	(GHz)	--	--	PPM
-30	746.23364	0.00241	3.22954E-06	0.03	2.5
-20	746.23496	0.00109	1.46066E-06	0.01	2.5
-10	746.23709	-0.00104	-1.39366E-06	-0.01	2.5
0	746.23671	0.00066	8.84439E-07	0.01	2.5
10	746.23553	-0.00052	-6.9683E-07	-0.01	2.5
20	746.23605	0	0	0.00	--
30	746.23707	0.00102	1.36686E-06	0.01	2.5
40	746.23537	-0.00068	-9.1124E-07	-0.01	2.5
50	746.23287	-0.00318	-4.26139E-06	-0.04	2.5

Upper Edge of Occupied Bandwidth

Temperature	Upper Edge	Upper Edge Deviation	Upper Edge (%)	PPM	Limit
(Deg. C)	(GHz)	(GHz)	--	--	PPM
-30	750.73122	-0.00353	-4.7021E-06	-0.05	2.5
-20	750.72476	0.00293	3.90288E-06	0.04	2.5
-10	750.72533	0.00236	3.14362E-06	0.03	2.5
0	750.72755	-0.00014	-1.86486E-07	0.00	2.5
10	750.72571	-0.00198	-2.63744E-06	-0.03	2.5
20	750.72769	0	0	0.00	--
30	750.72735	-0.00034	-4.52894E-07	0.00	2.5
40	750.72812	0.00043	5.72778E-07	0.01	2.5
50	750.72818	0.00049	6.527E-07	0.01	2.5

Band 13 (4G LTE) With RP5200, Mod: 64QAM, BW: 5 MHz, Ant. Port: ANT1, High Ch. 753.5 MHz

Frequency stability over temperature

Band 13, Mod: TM3.1-64QAM (worst-case pwr), BW: 5MHz, Ant. Port: ANT1 , Channel: High 753.5 MHz

Low Edge of Occupied Bandwidth

Temperature	Low Edge	Low Edge Deviation	Low Edge (%)	PPM	Limit
(Deg. C)	(GHz)	(GHz)	--	--	PPM
-30	751.24931	-0.01193	-1.58805E-05	-0.16	2.5
-20	751.2493	-0.01192	-1.58672E-05	-0.16	2.5
-10	751.24765	-0.01027	-1.36708E-05	-0.14	2.5
0	751.24791	0.01053	1.40169E-05	0.14	2.5
10	751.23731	-7E-05	-9.31796E-08	0.00	2.5
20	751.23738	0	0	0.00	--
30	751.24446	0.00708	9.42445E-06	0.09	2.5
40	751.24884	0.01146	1.52548E-05	0.15	2.5
50	751.24775	0.01037	1.38039E-05	0.14	2.5

Upper Edge of Occupied Bandwidth

Temperature	Upper Edge	Upper Edge Deviation	Upper Edge (%)	PPM	Limit
(Deg. C)	(GHz)	(GHz)	--	--	PPM
-30	755.7397	-0.01613	-2.13438E-05	-0.21	2.5
-20	755.7397	-0.01613	-2.13438E-05	-0.21	2.5
-10	755.73959	-0.01602	-2.11982E-05	-0.21	2.5
0	755.73957	0.016	2.11718E-05	0.21	2.5
10	755.72463	0.00106	1.40263E-06	0.01	2.5
20	755.72357	0	0	0.00	--
30	755.73675	0.01318	1.74402E-05	0.17	2.5
40	755.73581	0.01224	1.61964E-05	0.16	2.5
50	755.73842	0.01485	1.965E-05	0.20	2.5

**Band 13 (4G LTE) With RP5200, Mod: QPSK, BW: 5 MHz, Ant. Port: ANT1,
Low Ch: 748.5 MHz and High Ch: 753.5 MHz**

Frequency stability over voltages

Band 13 (4G LTE), Modulation: QPSK, Bandwidth: 5MHz, Antenna Port: ANT1, Low Ch. 748.5MHz

Low Channel 748.5 MHz, Low Edge of Occupied Bandwidth

Voltage	Low Edge	Low Edge Deviation	Low Edge (%)	PPM	Limit
(VDC)	(GHz)	(GHz)	--	--	PPM
41.1	746.24564	0.00441	5.90962E-06	0.06	2.5
48	746.24123	0	0	0.00	--
57	746.24589	0.00466	6.24463E-06	0.06	2.5

Low Channel 748.5.5 MHz, Upper Edge of Occupied Bandwidth

Voltage	Upper Edge	Upper Edge Deviation	Upper Edge (%)	PPM	Limit
(VDC)	(GHz)	(GHz)	--	--	PPM
41.1	750.74154	-0.00265	-3.52983E-06	-0.04	2.5
48	750.74419	0	0	0.00	--
57	750.74108	-0.00311	-4.14256E-06	-0.04	2.5

Band 13 (4G LTE), Modulation: QPSK, Bandwidth: 5MHz, Antenna Port: ANT1 , High Ch. 753.5 MHz

High Channel 753.5 MHz, Low Edge of Occupied Bandwidth

Voltage	Low Edge	Low Edge Deviation	Low Edge (%)	PPM	Limit
(VDC)	(GHz)	(GHz)	--	--	PPM
41.1	751.2484	0.00018	2.39601E-07	0.00	2.5
48	751.24822	0	0	0.00	--
57	751.24806	-0.00016	-2.12979E-07	0.00	2.5

High Channel 753.5 MHz, Upper Edge of Occupied Bandwidth

Voltage	Upper Edge	Upper Edge Deviation	Upper Edge (%)	PPM	Limit
(VDC)	(GHz)	(GHz)	--	--	PPM
41.1	755.7385	0.00027	3.57267E-07	0.00	2.5
48	755.73823	0	0	0.00	--
57	755.73853	0.0003	3.96963E-07	0.00	2.5