

# RADIO TEST REPORT

**REP063297**

Date of issue: October 25, 2024

Applicant:

**Andrew Wireless Systems Industriering 10, Buchdorf 86675  
Germany**

Product:

**RPM-A61L1-66**

Model:

**7847598-01**

Model variant:

**None**

FCC ID:

**XS5-RPML2-B66**

IC Registration number:

**NA**

Specifications:

◆ **FCC 47 CFR Part 27**

Miscellaneous Wireless Communications Services

---

**Lab and test locations**

Company name	Nemko Spa
Address	Via del Carroccio, 4
City	Biassono
Province	MB
Postal code	20853
Country	Italy
Telephone	+39 039 220 12 01
Website	+39 039 220 12 21

Tested by	O. Frau
Signature	
Reviewed by	D. Guarnone
Review date	October 25, 2024
Signature	

---

**Limits of responsibility**

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report. This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contained in this report are within Nemko Spa ISO/IEC 17025 accreditation.

---

**Copyright notification**

Nemko Spa authorizes the applicant to reproduce this report provided it is reproduced in its entirety and for use by the company's employees only. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Nemko Spa accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

## Table of contents

<b>Table of contents</b> .....	<b>3</b>
<b>Section 1. Report summary</b> .....	<b>4</b>
1.1 Applicant and manufacturer .....	4
1.2 Test specifications .....	4
1.3 Statement of compliance .....	4
1.4 Exclusions .....	4
1.5 Test report revision history .....	4
<b>Section 2. Summary of test results</b> .....	<b>5</b>
2.1 FCC Part 27 test results .....	5
<b>Section 3. Equipment under test (EUT) details</b> .....	<b>6</b>
3.1 Sample information .....	6
3.2 EUT information .....	6
3.3 Technical information .....	6
3.4 Product description and theory of operation .....	6
3.5 EUT exercise details .....	6
3.6 EUT setup diagram .....	7
<b>Section 4. Engineering considerations</b> .....	<b>8</b>
4.1 Modifications incorporated in the EUT .....	8
4.2 Technical judgment .....	8
4.3 Deviations from laboratory tests procedures .....	8
<b>Section 5. Test conditions</b> .....	<b>9</b>
5.1 Atmospheric conditions .....	9
5.2 Power supply range .....	9
<b>Section 6. Measurement uncertainty</b> .....	<b>10</b>
6.1 Uncertainty of measurement .....	10
<b>Section 7. Test equipment</b> .....	<b>11</b>
7.1 Test equipment list .....	11
<b>Section 8. Testing data</b> .....	<b>12</b>
8.1 FCC §2.1033(c)(4) Modulation type .....	12
8.2 FCC §2.1049(h) 99% Occupied Bandwidth and frequency ranges .....	13
8.3 FCC §27.53 (h)(3) 26 dB Occupied Bandwidth .....	42
8.4 FCC 27.50(d)(2) Output power .....	71
8.5 FCC 27.50(d)(5) Peak to Average Power Ratio .....	97
8.6 FCC 27.53(h)(1)-(2) Emission Limits .....	126
8.7 FCC 27.54 Frequency Stability .....	201
<b>Section 9. Block diagrams of test setups</b> .....	<b>202</b>
9.1 Conducted emissions set-up .....	202
9.2 Radiated emissions set-up .....	203

## Section 1. Report summary

---

### 1.1 Applicant and manufacturer

---

Company name	Andrew Wireless Systems
Address	Industriering 10,
City	Buchdorf
Province/State	--
Postal/Zip code	86675
Country	Germany

### 1.2 Test specifications

---

FCC 47 CFR Part 27	Miscellaneous Wireless Communications Services
--------------------	------------------------------------------------

### 1.3 Statement of compliance

---

In the configuration tested, the EUT was found compliant.

Testing was performed against all relevant requirements of the test standard. Results obtained indicate that the product under test complies in full with the requirements tested. The test results relate only to the items tested.

See "Summary of test results" for full details.

### 1.4 Exclusions

---

None

### 1.5 Test report revision history

---

Revision #	Details of changes made to test report
REP063297	Original report issued

## Section 2. Summary of test results

---

### 2.1 FCC Part 27 test results

---

Part	Test description	Verdict
§2.1033(c)(4)	Modulation type	Pass
§2.1049(h)	99% Occupied bandwidth	Pass
§27.53(h)(3)	Frequency ranges	Pass
§27.50(d)(2)	Output power at RF antenna connector	Pass
§27.50(d)(5)	Peak to average power ratio	Pass
§27.53(h)(1)-(2)	Conducted spurious emissions	Pass
§27.53(h)(1)-(2)	Radiated spurious emissions	Pass
§27.53(h)(3)	26 dB Occupied bandwidth	Pass
§27.54	Frequency stability	Pass

Note: None.

## Section 3. Equipment under test (EUT) details

---

### 3.1 Sample information

---

Receipt date	August 29, 2024
Nemko sample ID number	PRJ00630770003

### 3.2 EUT information

---

Product name	RPM-A61L1-66
Model	7847598-01
Part Number	7847598-01
Serial number	SZRMAY24170028

### 3.3 Technical information

---

Frequency band	n66: 2110-2200 MHz
RF power Max (W), Conducted	max Port 1 = 24.8 dBm (0.30 W) – max Port 2 = 24.8 dBm (0.30 W); max comb. Port 1 + Port 2 = 27.8 dBm (0.60 W) @2117.5 MHz (with 15 MHz bandwidth)
Supported bandwidths:	5, 10, 15, 20 MHz
Type of modulation	TM1.1, TM3p1, TM3p1a, TM3p3 (QPSK, 16QAM, 64QAM, 256QAM)
Power requirements	48 Vdc
Antenna information	The EUT uses a unique antenna coupling/ non-detachable antenna to the intentional radiator.
Antenna gain	5.7 dBi

### 3.4 Product description and theory of operation

---

The radio unit (RU) is one of the components to configure the 4G RAN mobile communication system.

### 3.5 EUT exercise details

---

A laptop computer was used to send test commands to EUT to force it to transmit the appropriate signal. Unit transmit the selected signal at full power. The unit was tested using a conducted port. The antenna installation shall be done by professionals, and they are not within the scope of the tests evaluated on this document.

### 3.6 EUT setup diagram

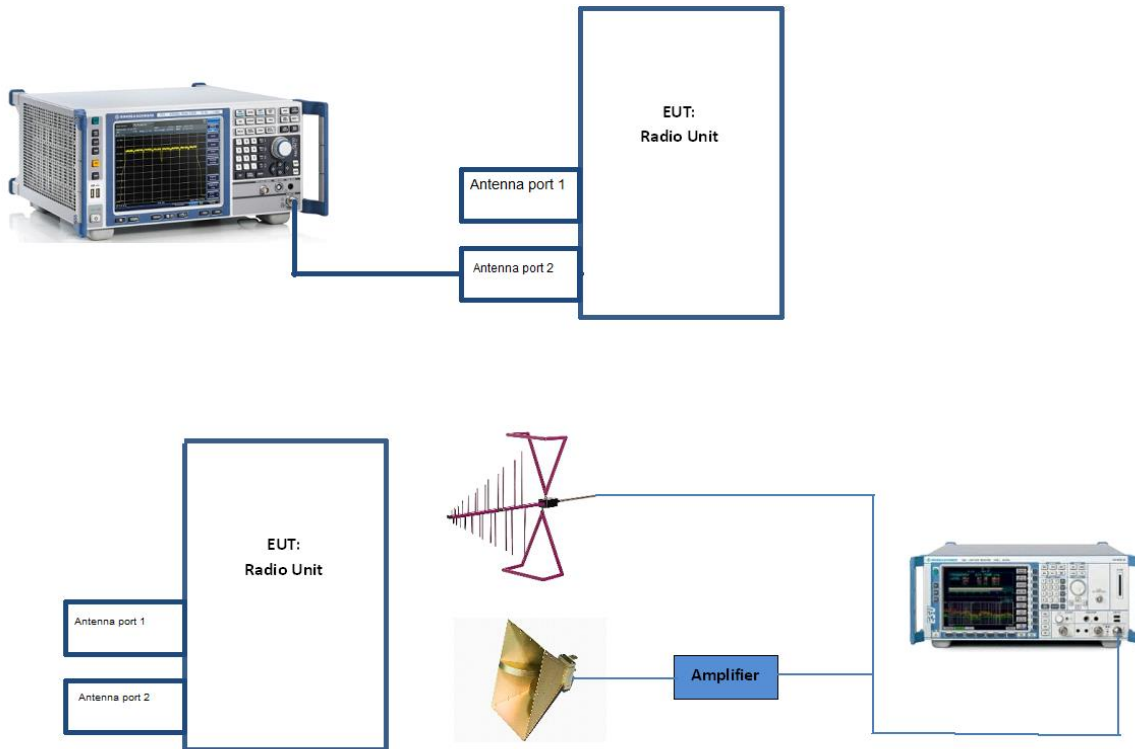


Figure 3.6-1: Setup diagram

## Section 4. Engineering considerations

---

### 4.1 Modifications incorporated in the EUT

---

There were no modifications performed to the EUT during this assessment.

### 4.2 Technical judgment

---

None

### 4.3 Deviations from laboratory tests procedures

---

No deviations were made from laboratory procedures.



## Section 5. Test conditions

---

### 5.1 Atmospheric conditions

---

Temperature	15 °C – 35 °C
Relative humidity	20 % – 75 %
Air pressure	86 kPa (860 mbar) – 106 kPa (1060 mbar)

When it is impracticable to carry out tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests shall be recorded and stated.

The following instruments are used to monitor the environmental conditions:

Equipment	Manufacturer	Model no.	Asset no.	Cal date	Next cal.
Thermo-hygrometer data loggers	Testo	175-H2	20012380/305	2022-12	2024-12
Thermo-hygrometer data loggers	Testo	175-H2	38203337/703	2022-12	2024-12
Barometer	Castle	GPB 3300	072015	2024-04	2025-04

### 5.2 Power supply range

---

The normal test voltage for equipment to be connected to the mains shall be the nominal mains voltage. For the purpose of the present document, the nominal voltage shall be the declared voltage, or any of the declared voltages  $\pm 5\%$ , for which the equipment was designed.

## Section 6. Measurement uncertainty

### 6.1 Uncertainty of measurement

The measurement uncertainty was calculated for each test and quantity listed in this test report, according to CISPR 16-4-2, ETSI TR 100 028-1, ETSI TR 100 028-2 and other specific test standards and is documented in Nemko Spa working manuals WML1002 and WML0078.

The assessment of conformity for each test performed on the equipment is performed not taking into account the measurement uncertainty. The two following possible verdicts are stated in the report:

P (Pass) - The measured values of the equipment respect the specification limit at the points tested. The specific risk of false accept is up to 50% when the measured result is close to the limit.

F (Fail) - One or more measured values of the equipment do not respect the specification limit at the points tested. The specific risk of false reject is up to 50% when the measured result is close to the limit.

Hereafter Nemko's measurement uncertainties are reported:

EUT	Type	Test	Range	Measurement Uncertainty	Notes
Transmitter	Conducted	Frequency error	0.001 MHz ÷ 40 GHz	0.08 ppm	(1)
		Carrier power RF Output Power	0.009 MHz ÷ 30 MHz	1.1 dB	(1)
			30 MHz ÷ 18 GHz	1.5 dB	(1)
			18 MHz ÷ 40 GHz	3.0 dB	(1)
			40 MHz ÷ 140 GHz	5.0 dB	(1)
		Adjacent channel power	1 MHz ÷ 18 GHz	1.4 dB	(1)
		Conducted spurious emissions	0.009 MHz ÷ 18 GHz	3.0 dB	(1)
			18 GHz ÷ 40 GHz	4.2 dB	(1)
			40 GHz ÷ 220 GHz	6.0 dB	(1)
		Intermodulation attenuation	1 MHz ÷ 18 GHz	2.2 dB	(1)
		Attack time – frequency behaviour	1 MHz ÷ 18 GHz	2.0 ms	(1)
		Attack time – power behaviour	1 MHz ÷ 18 GHz	2.5 ms	(1)
		Release time – frequency behaviour	1 MHz ÷ 18 GHz	2.0 ms	(1)
		Release time – power behaviour	1 MHz ÷ 18 GHz	2.5 ms	(1)
		Transient behaviour of the transmitter– Transient frequency behaviour	1 MHz ÷ 18 GHz	0.2 kHz	(1)
		Transient behaviour of the transmitter – Power level slope	1 MHz ÷ 18 GHz	9%	(1)
		Frequency deviation - Maximum permissible frequency deviation	0.001 MHz ÷ 18 GHz	1.3%	(1)
		Frequency deviation - Response of the transmitter to modulation frequencies above 3 kHz	0.001 MHz ÷ 18 GHz	0.5 dB	(1)
	Dwell time	-	3%	(1)	
	Hopping Frequency Separation	0.01 MHz ÷ 18 GHz	1%	(1)	
Occupied Channel Bandwidth	0.01 MHz ÷ 18 GHz	2%	(1)		
Modulation Bandwidth	0.01 MHz ÷ 18 GHz	2%	(1)		
Radiated	Radiated spurious emissions	0.009 MHz ÷ 26.5 GHz	6.0 dB	(1)	
		26.5 GHz ÷ 66 GHz	8.0 dB	(1)	
		66 GHz ÷ 220 GHz	10 dB	(1)	
	Effective radiated power transmitter	10 kHz ÷ 26.5 GHz	6.0 dB	(1)	
		26.5 GHz ÷ 66 GHz	8.0 dB	(1)	
66 GHz ÷ 220 GHz	10 dB	(1)			

**NOTES:**

(1) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k = 2$ , which for a normal distribution corresponds to a coverage probability of approximately 95 %

## Section 7. Test equipment

### 7.1 Test equipment list

*Table 7.1-1: Equipment list*

Equipment	Manufacturer	Model no.	Asset no.	Cal cycle	Next cal.
Spectrum Analyzer	Rohde & Schwarz	FSW43	101767	2024-01	2025-01
EMI Receiver	Rohde & Schwarz	ESU8	100202	2024-09	2025-09
EMI Receiver	Rohde & Schwarz	ESW44	101620	2024-08	2025-08
RF Vector Signal Generator	Rohde & Schwarz	SMBV100A	263254	2024-05	2025-05
RF Vector Signal Generator	Rohde & Schwarz	SMBV100A	263397	2024-09	2025-09
Climatic Chamber	MSL	EC500DA	15022	2024-01	2025-01
Antenna Trilog 25MHz - 8GHz	Schwarzbeck Mess-Elektronik	VULB9162	9162-025	2024-07	2027-07
Antenna 1 - 18 GHz	Schwarzbeck Mess-Elektronik	STLP9148	STLP 9148-152	2024-09	2027-09
Double Ridge Horn Antenna	RFSpin	DRH40	061106A40	2023-04	2026-04
Broadband Amplifier	Schwarzbeck Mess-Elektronik	BBV9718C	00121	2024-01	2025-01
Broadband Bench Top Amplifier	Sage	STB-1834034030-KFKF-L1	18490-01	2024-04	2025-04
Semi-anechoic chamber	Nemko S.p.a.	10m semi-anechoic chamber	530	2023-09	2025-09
Controller	Maturo	FCU3.0	10041	NCR	NCR
Tilt antenna mast	Maturo	TAM4.0-E	10042	NCR	NCR
Turntable	Maturo	TT4.0-5T	2.527	NCR	NCR
Semi-anechoic chamber	Comtest	3m SAC	1711-150	2024-09	2026-09
Controller	Maturo	FCU3.0	10237	NCR	NCR
Tilt antenna mast	Maturo	TAM4.0-E	3466.01	NCR	NCR
Turntable	Maturo	TT4.0	-	NCR	NCR
Pyramidal Horn Antenna 40-60 GHz	Sage	SAR-2507-19VF-R2	15715-01	2024-06	2027-06
Harmonic Mixer	Radiometer Physics	FS-Z60	100988	2024-01	2027-01
Cable set	Rosenberger	ST.ALO-02	1.650	2023-10	2024-10
Cable set	Rosenberger and Huber + Suhner	RE01+RE02	1.654+1.655	2024-09	2025-09
Cable set	Rosenberger+Huber-Suhner	RE03+RE04	1.510+1.511	2024-09	2025-09

## Section 8. Testing data

### 8.1 FCC §2.1033(c)(4) Modulation type

#### 8.1.1 Definitions and limits

(c) Applications for equipment other than that operating under parts 15, 11 and 18 of this chapter shall be accompanied by a technical report containing the following information:

(4) Type or types of emission

#### 8.1.2 Test summary

Test date	October 10, 2024	Temperature	22 °C
Test engineer	O. Frau	Air pressure	1001 mbar
Verdict	Pass	Relative humidity	62 %

#### 8.1.3 Observations, settings and special notes

None

#### 8.1.4 Test data

Band n66:

Bandwidth (MHz)	Emission type
5	TM1.1
5	TM3p1
5	TM3p1a
5	TM3p3
10	TM1.1
10	TM3p1
10	TM3p1a
10	TM3p3
15	TM1.1
15	TM3p1
15	TM3p1a
15	TM3p3
20	TM1.1
20	TM3p1
20	TM3p1a
20	TM3p3

**Table Error.** Per applicare Heading 2 al testo da visualizzare in questo punto, utilizzare la scheda Home.-1: Types of emission

## 8.2 FCC §2.1049(h) 99% Occupied Bandwidth and frequency ranges

---

### 8.2.1 Definitions and limits

---

§2.1049 (h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the use.

### 8.2.2 Test summary

---

Test start date	October 10, 2024	Temperature	22 °C
Test end date	October 25, 2024	Air pressure	1001 mbar
Test engineer	O. Frau	Relative humidity	62%
Verdict	Pass		

### 8.2.3 Observations, settings and special notes

---

Test method: ANSI C63.26 Section 5.4.4

Spectrum analyzer settings:

Resolution bandwidth	1% - 5% OBW
Video bandwidth	3*RBW
Frequency span	2*OBW
Detector mode	Peak
Trace mode	Max Hold

### 8.2.4 Test equipment used

---

Equipment	Manufacturer	Model no.	Asset no.
Spectrum Analyzer	Rohde & Schwarz	FSW43	101767

## 8.2.5 Test data

## Band n66: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM1.1	2112.5	4.00
n66	5 MHz	TM1.1	2145.0	3.96
n66	5 MHz	TM1.1	2177.5	3.99

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p1	2112.5	3.97
n66	5 MHz	TM3p1	2145.0	3.97
n66	5 MHz	TM3p1	2177.5	3.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p1a	2112.5	3.95
n66	5 MHz	TM3p1a	2145.0	3.99
n66	5 MHz	TM3p1a	2177.5	3.99

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p3	2112.5	4.02
n66	5 MHz	TM3p3	2145.0	4.02
n66	5 MHz	TM3p3	2177.5	4.01

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM1.1	2115.0	8.61
n66	10 MHz	TM1.1	2145.0	8.67
n66	10 MHz	TM1.1	2175.0	8.66

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p1	2115.0	8.66
n66	10 MHz	TM3p1	2145.0	8.66
n66	10 MHz	TM3p1	2175.0	8.65

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p1a	2115.0	8.63
n66	10 MHz	TM3p1a	2145.0	8.63
n66	10 MHz	TM3p1a	2175.0	8.64

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p3	2115.0	8.52
n66	10 MHz	TM3p3	2145.0	8.52
n66	10 MHz	TM3p3	2175.0	8.52

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM1.1	2117.5	13.64
n66	15 MHz	TM1.1	2145.0	13.63
n66	15 MHz	TM1.1	2172.5	13.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p1	2117.5	13.61
n66	15 MHz	TM3p1	2145.0	13.61
n66	15 MHz	TM3p1	2172.5	13.61

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p1a	2117.5	13.63
n66	15 MHz	TM3p1a	2145.0	13.63
n66	15 MHz	TM3p1a	2172.5	13.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p3	2117.5	13.47
n66	15 MHz	TM3p3	2145.0	13.46
n66	15 MHz	TM3p3	2172.5	13.47

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM1.1	2120.0	18.25
n66	20 MHz	TM1.1	2145.0	18.25
n66	20 MHz	TM1.1	2170.0	18.24

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p1	2120.0	18.26
n66	20 MHz	TM3p1	2145.0	18.26
n66	20 MHz	TM3p1	2170.0	18.25

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p1a	2120.0	18.26
n66	20 MHz	TM3p1a	2145.0	18.26
n66	20 MHz	TM3p1a	2170.0	18.26

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p3	2120.0	18.32
n66	20 MHz	TM3p3	2145.0	18.31
n66	20 MHz	TM3p3	2170.0	18.31

**Band n66: Antenna port 2**

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM1.1	2112.5	3.99
n66	5 MHz	TM1.1	2145.0	3.98
n66	5 MHz	TM1.1	2177.5	3.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p1	2112.5	3.96
n66	5 MHz	TM3p1	2145.0	3.97
n66	5 MHz	TM3p1	2177.5	3.97

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p1a	2112.5	4.03
n66	5 MHz	TM3p1a	2145.0	4.01
n66	5 MHz	TM3p1a	2177.5	4.01

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	5 MHz	TM3p3	2112.5	4.02
n66	5 MHz	TM3p3	2145.0	4.02
n66	5 MHz	TM3p3	2177.5	4.01

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM1.1	2115.0	8.66
n66	10 MHz	TM1.1	2145.0	8.66
n66	10 MHz	TM1.1	2175.0	8.66

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p1	2115.0	8.66
n66	10 MHz	TM3p1	2145.0	8.65
n66	10 MHz	TM3p1	2175.0	8.65

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p1a	2115.0	8.63
n66	10 MHz	TM3p1a	2145.0	8.63
n66	10 MHz	TM3p1a	2175.0	8.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	10 MHz	TM3p3	2115.0	8.51
n66	10 MHz	TM3p3	2145.0	8.52
n66	10 MHz	TM3p3	2175.0	8.52



Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM1.1	2117.5	13.63
n66	15 MHz	TM1.1	2145.0	13.63
n66	15 MHz	TM1.1	2172.5	13.64

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p1	2117.5	13.60
n66	15 MHz	TM3p1	2145.0	13.62
n66	15 MHz	TM3p1	2172.5	13.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p1a	2117.5	13.63
n66	15 MHz	TM3p1a	2145.0	13.63
n66	15 MHz	TM3p1a	2172.5	13.64

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	15 MHz	TM3p3	2117.5	13.47
n66	15 MHz	TM3p3	2145.0	13.47
n66	15 MHz	TM3p3	2172.5	13.47

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM1.1	2120.0	18.25
n66	20 MHz	TM1.1	2145.0	18.24
n66	20 MHz	TM1.1	2170.0	18.25

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p1	2120.0	18.25
n66	20 MHz	TM3p1	2145.0	18.26
n66	20 MHz	TM3p1	2170.0	18.24

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p1a	2120.0	18.26
n66	20 MHz	TM3p1a	2145.0	18.27
n66	20 MHz	TM3p1a	2170.0	18.26

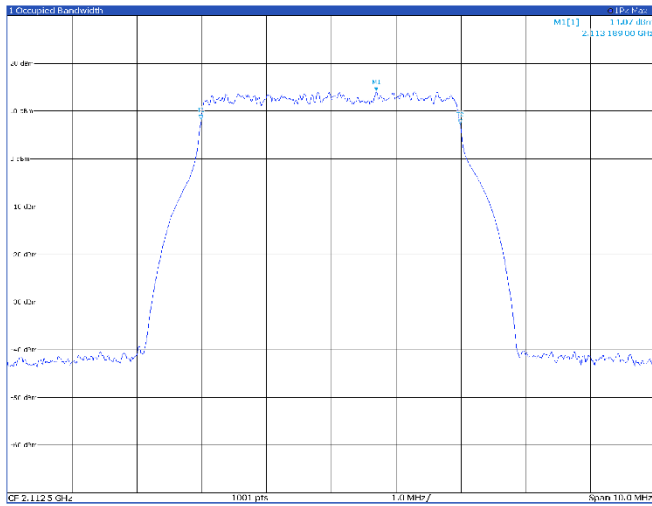
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p3	2120.0	18.31
n66	20 MHz	TM3p3	2145.0	18.30
n66	20 MHz	TM3p3	2170.0	18.31

## Antenna port 1

Band n66

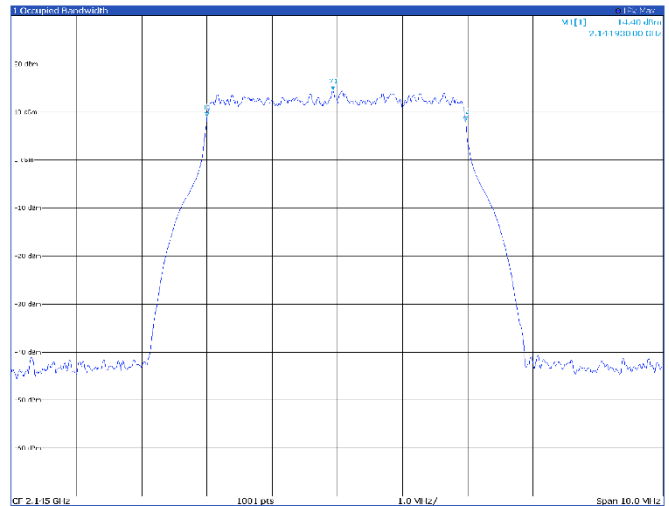
5 MHz

TM1.1, 5 MHz, low channel



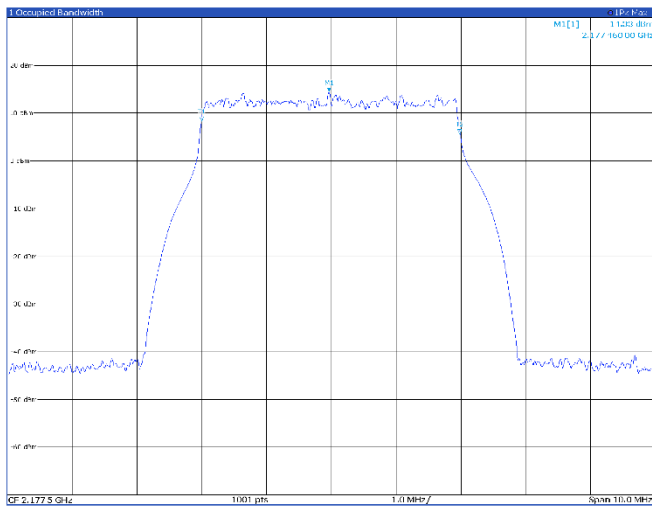
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.113189 GHz	14.07 dBm	Off	Occup. Control	3.995467156 MHz
M2	1		2.113189 GHz	8.16 dBm	Off	Occup. Control	2.113189 GHz
M3	1		2.113189 GHz	2.25 dBm	Off	Occup. Control	2.113189 GHz

TM1.1, 5 MHz, mid channel



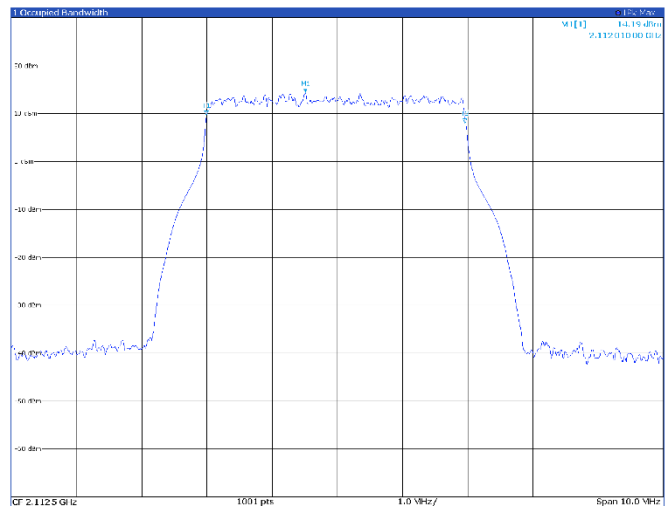
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.144993 GHz	14.40 dBm	Off	Occup. Control	3.964219883 MHz
M2	1		2.144993 GHz	8.57 dBm	Off	Occup. Control	2.144993 GHz
M3	1		2.144993 GHz	3.11 dBm	Off	Occup. Control	2.144993 GHz

TM1.1, 5 MHz, high channel



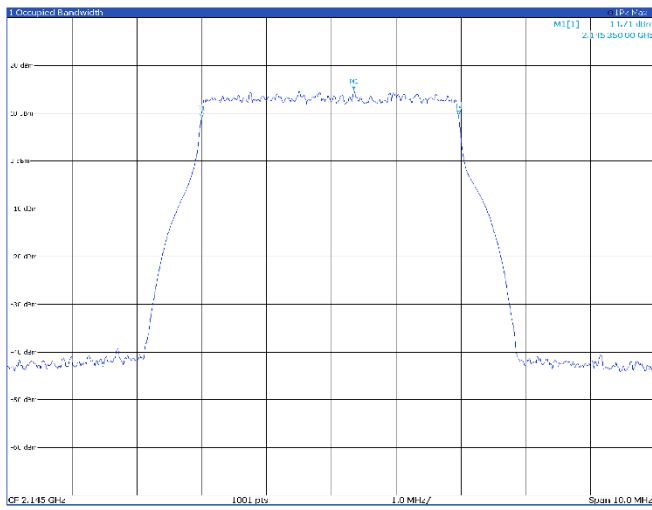
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.177946 GHz	14.33 dBm	Off	Occup. Control	3.988516333 MHz
M2	1		2.177946 GHz	8.27 dBm	Off	Occup. Control	2.177946 GHz
M3	1		2.177946 GHz	3.81 dBm	Off	Occup. Control	2.177946 GHz

TM3p1, 5 MHz, low channel



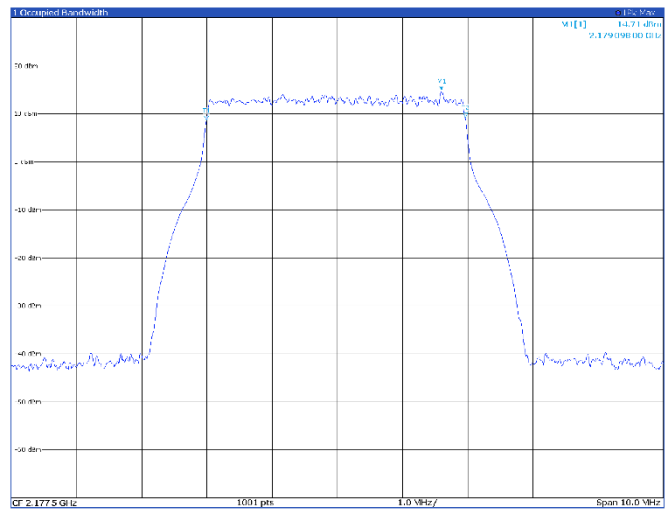
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.11201 GHz	14.19 dBm	Off	Occup. Control	3.968942085 MHz
M2	1		2.11201 GHz	8.61 dBm	Off	Occup. Control	2.11201 GHz
M3	1		2.11201 GHz	2.55 dBm	Off	Occup. Control	2.11201 GHz

**TM3p1, 5 MHz, mid channel**



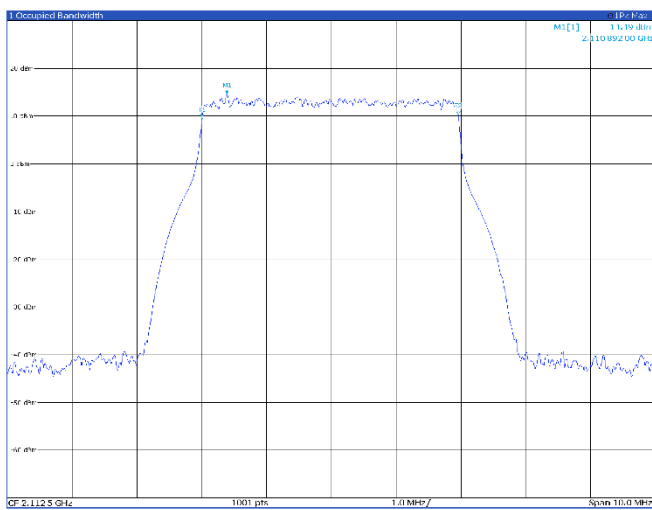
Type	Ref	Trc	X Value	Y Value	Cor. Fac	Function	Function Result
P1	-	1	2.145 35 GHz	14.71 dBm	0.00	Max	3.968 155 169 MHz
T1	-	1	2.142 094 GHz	9.00 dBm	0.00	Occ. BW Centroid	2.144 970 266 GHz
T2	-	1	2.148 606 GHz	9.00 dBm	0.00	Occ. BW Edge Filter	2.149 031 614 GHz

**TM3p1, 5 MHz, high channel**



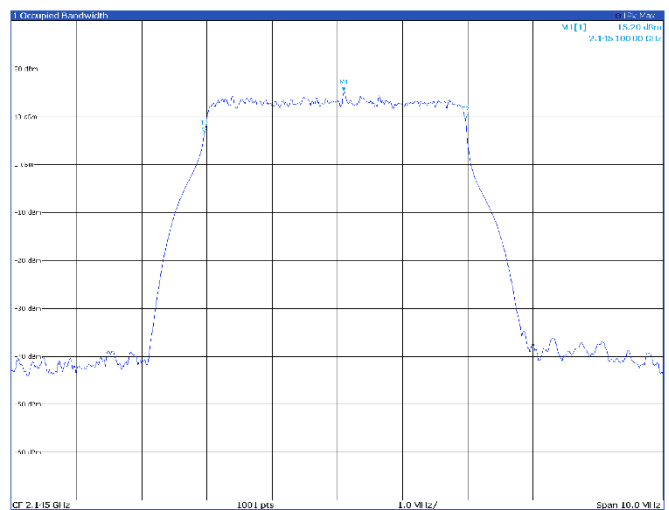
Type	Ref	Trc	X Value	Y Value	Cor. Fac	Function	Function Result
P1	-	1	2.179 098 GHz	14.71 dBm	0.00	Max	3.969 680 685 MHz
T1	-	1	2.175 822 GHz	9.00 dBm	0.00	Occ. BW Centroid	2.177 476 803 GHz
T2	-	1	2.178 497 GHz	9.00 dBm	0.00	Occ. BW Edge Filter	2.179 131 159 GHz

**TM3p1a, 5 MHz, low channel**



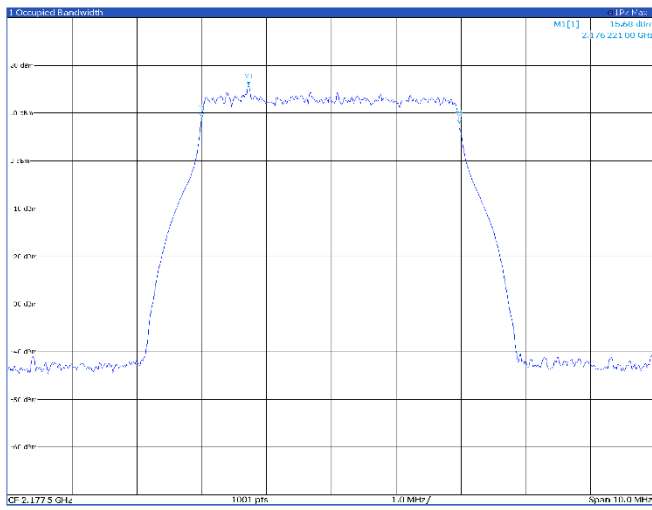
Type	Ref	Trc	X Value	Y Value	Cor. Fac	Function	Function Result
P1	-	1	2.110 992 GHz	14.49 dBm	0.00	Max	3.954 079 186 MHz
T1	-	1	2.107 503 GHz	9.25 dBm	0.00	Occ. BW Centroid	2.110 480 335 GHz
T2	-	1	2.114 481 GHz	10.12 dBm	0.00	Occ. BW Edge Filter	2.114 983 014 GHz

**TM3p1a, 5 MHz, mid channel**



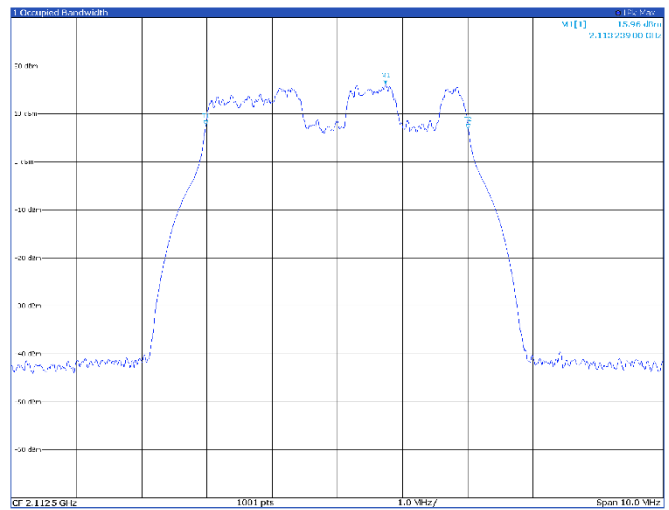
Type	Ref	Trc	X Value	Y Value	Cor. Fac	Function	Function Result
P1	-	1	2.145 1 GHz	15.20 dBm	0.00	Max	3.999 570 674 MHz
T1	-	1	2.141 902 GHz	9.74 dBm	0.00	Occ. BW Centroid	2.144 302 101 GHz
T2	-	1	2.147 902 GHz	9.74 dBm	0.00	Occ. BW Edge Filter	2.148 302 087 GHz

**TM3p1a, 5 MHz, high channel**



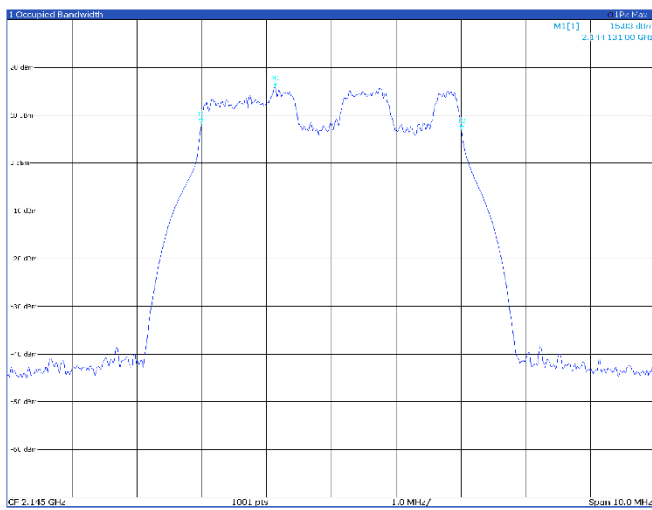
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.176 221 GHz	15.68 dBm	Off: Ref	3.977 828 982 MHz
T1	1		2.175 4984 GHz	9.01 dBm	Off: Off-Centroid	2.177 403 275 GHz
T2	1		2.176 409 GHz	7.01 dBm	Off: Off-Centroid	2.178 328 271 GHz

**TM3p3, 5 MHz, low channel**



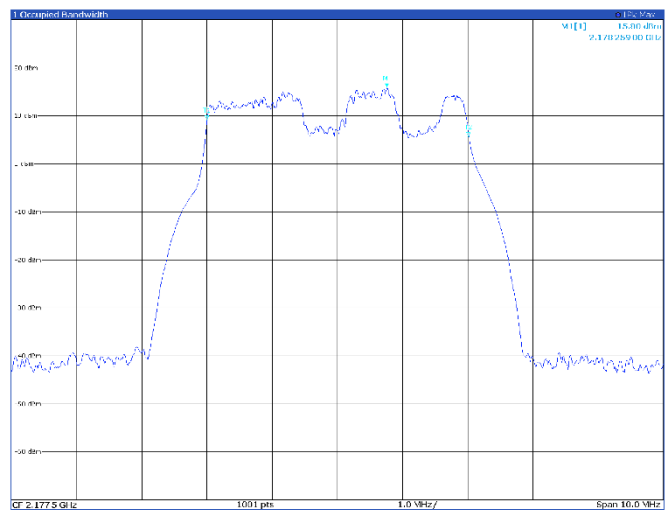
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113 239 GHz	15.96 dBm	Off: Ref	4.022 613 535 MHz
T1	1		2.111 891 GHz	7.52 dBm	Off: Off-Centroid	2.112 952 GHz
T2	1		2.113 062 GHz	6.14 dBm	Off: Off-Centroid	2.113 959 GHz

**TM3p3, 5 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.144 131 GHz	15.83 dBm	Off: Ref	4.019 678 982 MHz
T1	1		2.142 9826 GHz	8.21 dBm	Off: Off-Centroid	2.144 999 897 GHz
T2	1		2.143 000 GHz	6.70 dBm	Off: Off-Centroid	2.143 696 662 GHz

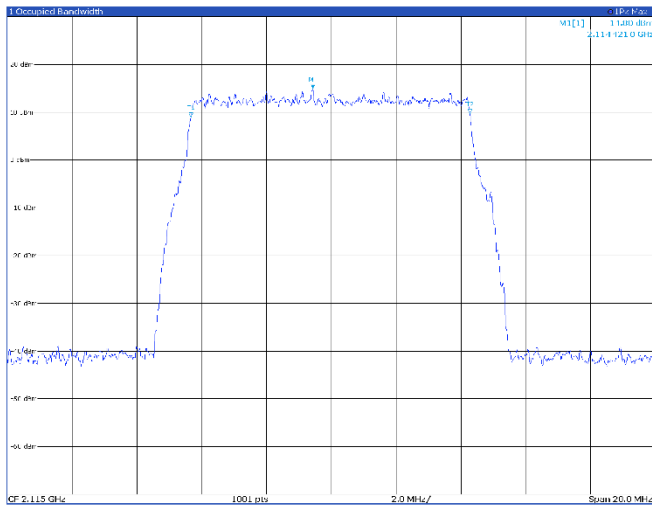
**TM3p3, 5 MHz, high channel**



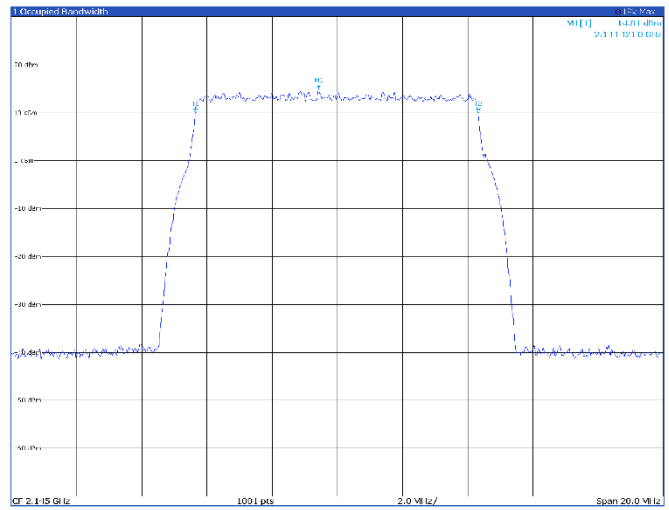
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.170 259 GHz	15.80 dBm	Off: Ref	4.014 054 33 MHz
T1	1		2.170 893 GHz	8.63 dBm	Off: Off-Centroid	2.172 202 GHz
T2	1		2.170 813 GHz	5.63 dBm	Off: Off-Centroid	2.170 207 GHz

Band n66

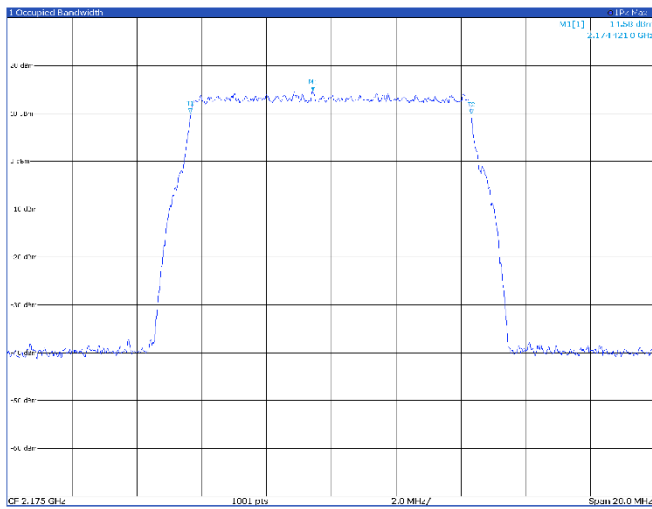
10 MHz

**TM1.1, 10 MHz, low channel**


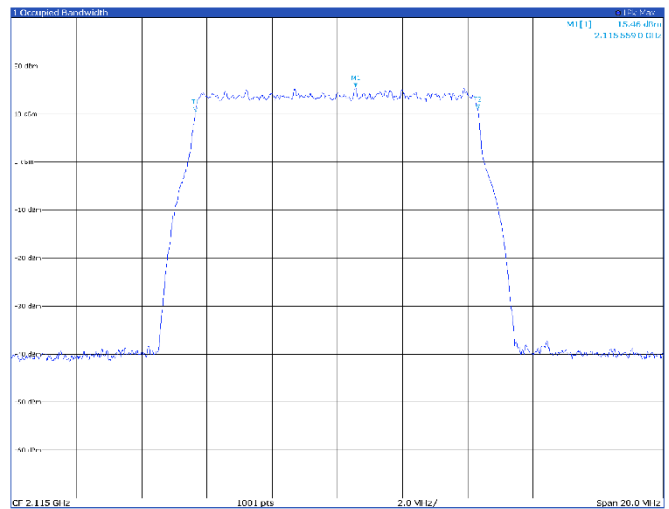
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114 421 GHz	14.80 dBm	Occ SW	8.608 820 839 MHz
T1	1		2.113 994 GHz	8.75 dBm	Occ SW Channel	-114.969 575 GHz
T2	1		2.114 848 GHz	9.45 dBm	Occ SW Channel Offset	31.969 0465 GHz

**TM1.1, 10 MHz, mid channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114 421 GHz	14.81 dBm	Occ SW	8.670 976 097 MHz
T1	1		2.113 994 GHz	8.83 dBm	Occ SW Channel	2.113 993 593 GHz
T2	1		2.114 848 GHz	9.55 dBm	Occ SW Channel Offset	-14.421 045 556 GHz

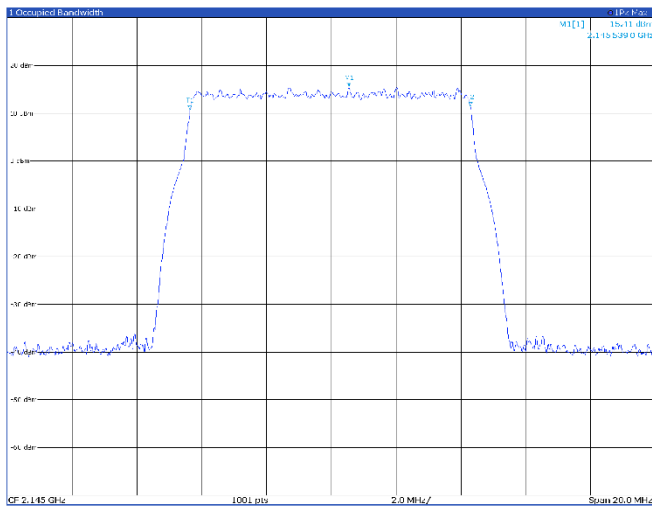
**TM1.1, 10 MHz, high channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.174 421 GHz	14.58 dBm	Occ SW	8.662 395 576 MHz
T1	1		2.173 994 GHz	10.01 dBm	Occ SW Channel	2.173 993 593 GHz
T2	1		2.174 848 GHz	9.45 dBm	Occ SW Channel Offset	-14.421 045 556 GHz

**TM3p1, 10 MHz, low channel**


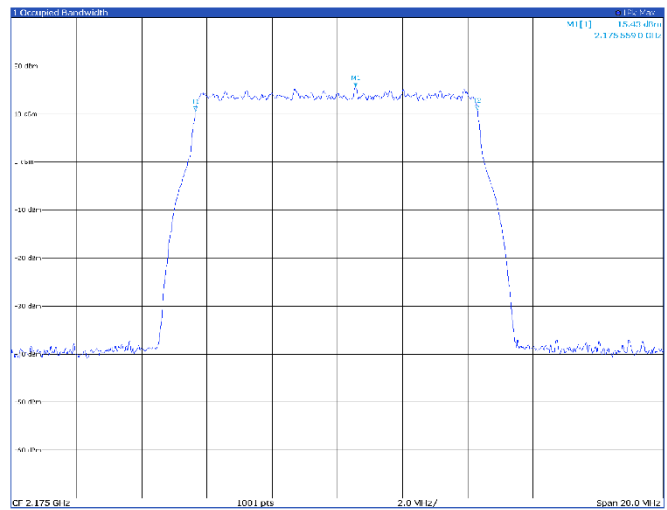
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115 559 GHz	15.46 dBm	Occ SW	8.661 716 858 MHz
T1	1		2.115 043 GHz	10.42 dBm	Occ SW Channel	2.115 042 593 GHz
T2	1		2.115 897 GHz	11.62 dBm	Occ SW Channel Offset	-27.15367 336 GHz

**TM3p1, 10 MHz, mid channel**



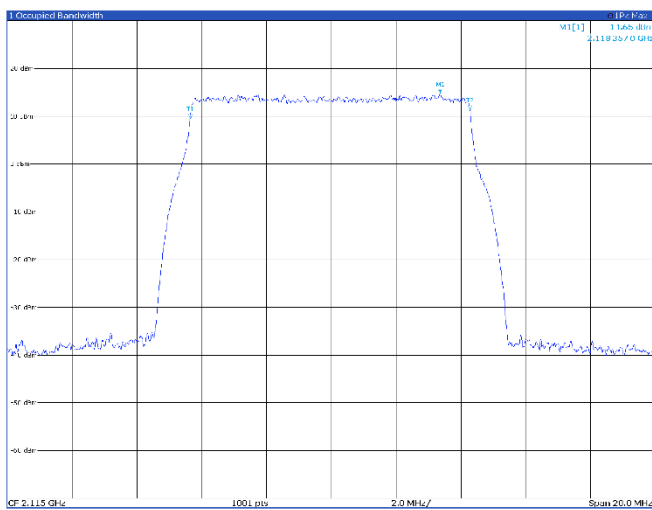
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	2.145 539 GHz	15.41 dBm	Off	Occ. Sw Control	8.660 296 049 MHz
T1	-	1	2.145 539 GHz	10.71 dBm	Off	Occ. Sw Control	2.144 969 406 GHz
T2	-	1	2.145 539 GHz	11.36 dBm	Off	Occ. Sw Control	2.146 009 837 GHz

**TM3p1, 10 MHz, high channel**



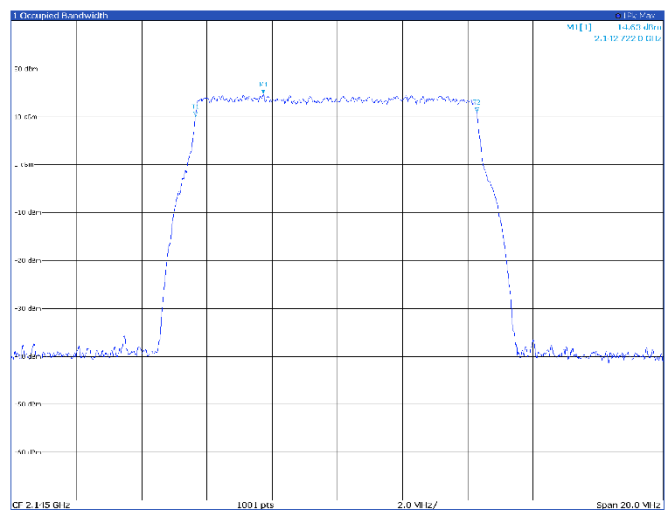
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	2.175 559 GHz	15.43 dBm	Off	Occ. Sw Control	8.648 846 32 MHz
T1	-	1	2.175 559 GHz	10.12 dBm	Off	Occ. Sw Control	2.174 957 942 GHz
T2	-	1	2.175 559 GHz	10.78 dBm	Off	Occ. Sw Control	2.176 009 373 GHz

**TM3p1a, 10 MHz, low channel**



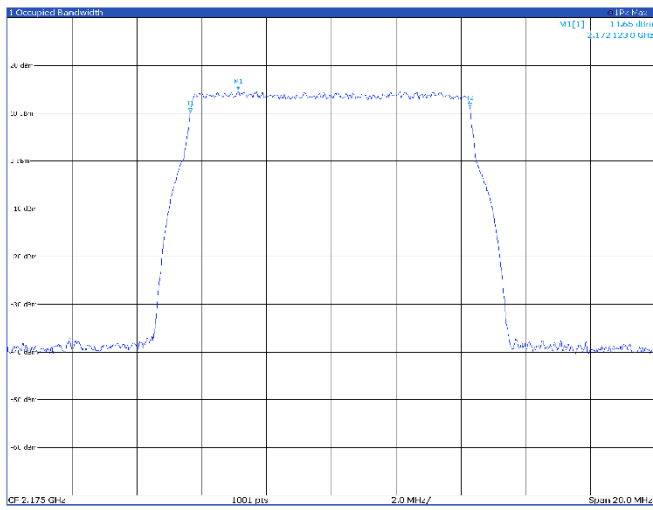
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	2.115 337 GHz	14.65 dBm	Off	Occ. Sw Control	8.630 693 992 MHz
T1	-	1	2.115 337 GHz	9.64 dBm	Off	Occ. Sw Control	2.114 965 207 GHz
T2	-	1	2.115 337 GHz	11.02 dBm	Off	Occ. Sw Control	2.116 005 638 GHz

**TM3p1a, 10 MHz, mid channel**



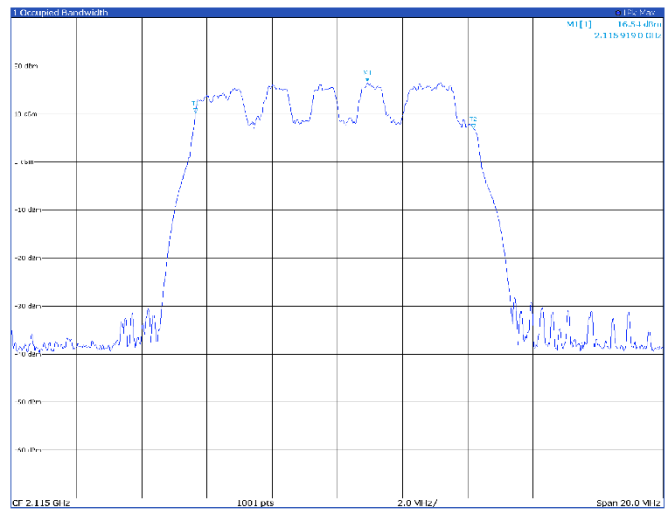
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	2.142 722 GHz	14.63 dBm	Off	Occ. Sw Control	8.629 372 264 MHz
T1	-	1	2.142 722 GHz	10.03 dBm	Off	Occ. Sw Control	2.141 861 051 GHz
T2	-	1	2.142 722 GHz	10.99 dBm	Off	Occ. Sw Control	2.143 006 275 GHz

**TM3p1a, 10 MHz, high channel**



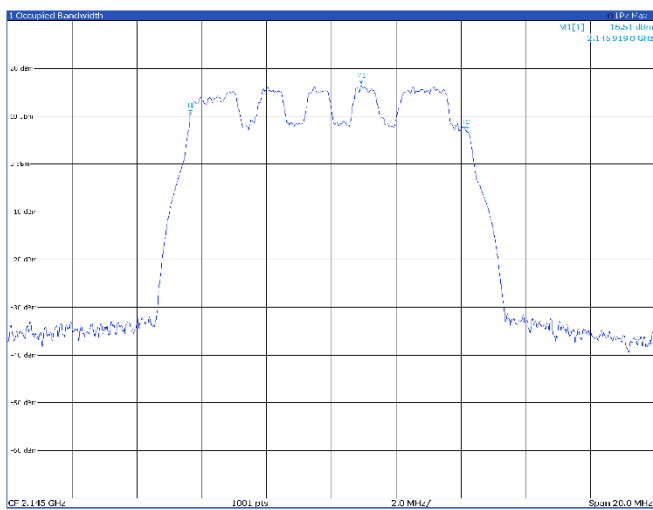
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		<b>2.172 123 GHz</b>	<b>14.65 dBm</b>	Occ Sp	<b>8.635 170 361 MHz</b>
T1	1		2.172 652 GHz	10.11 dBm	Occ Sp	2.174 962 720 GHz
T2	1		2.172 652 GHz	11.30 dBm	Occ Sp	2.174 962 720 GHz

**TM3p3, 10 MHz, low channel**



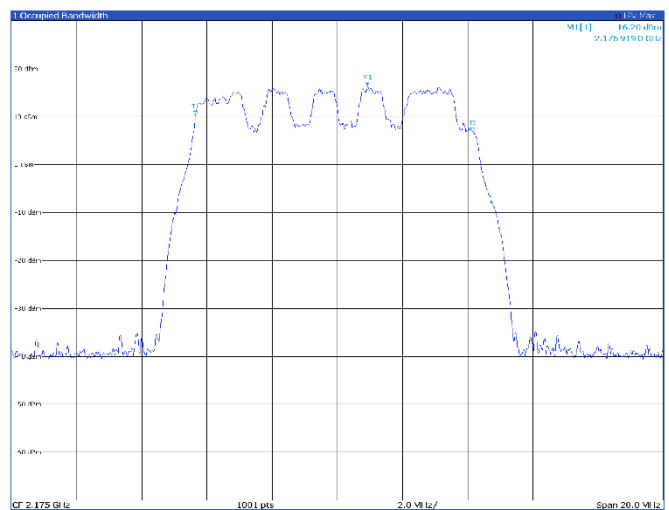
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		<b>2.115 919 GHz</b>	<b>16.54 dBm</b>	Occ Sp	<b>8.520 500 8 MHz</b>
T1	1		2.116 041 GHz	10.12 dBm	Occ Sp	2.117 501 272 GHz
T2	1		2.117 069 GHz	6.91 dBm	Occ Sp	2.117 501 272 GHz

**TM3p3, 10 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		<b>2.145 919 GHz</b>	<b>16.51 dBm</b>	Occ Sp	<b>8.518 323 031 MHz</b>
T1	1		2.145 642 GHz	10.21 dBm	Occ Sp	2.144 900 466 GHz
T2	1		2.145 365 GHz	6.77 dBm	Occ Sp	2.144 900 466 GHz

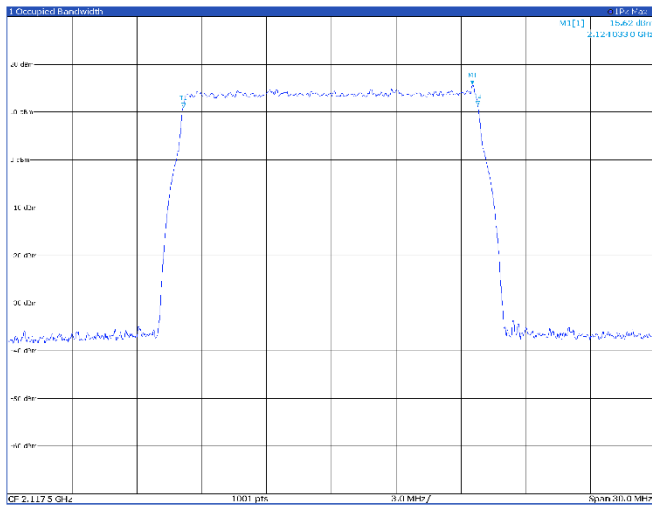
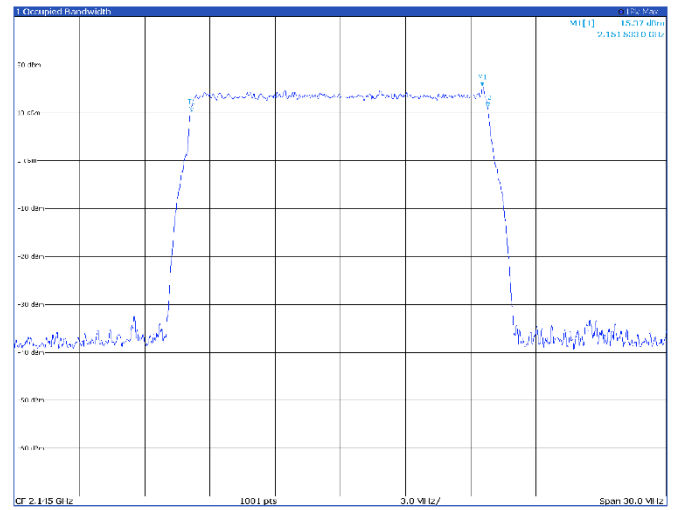
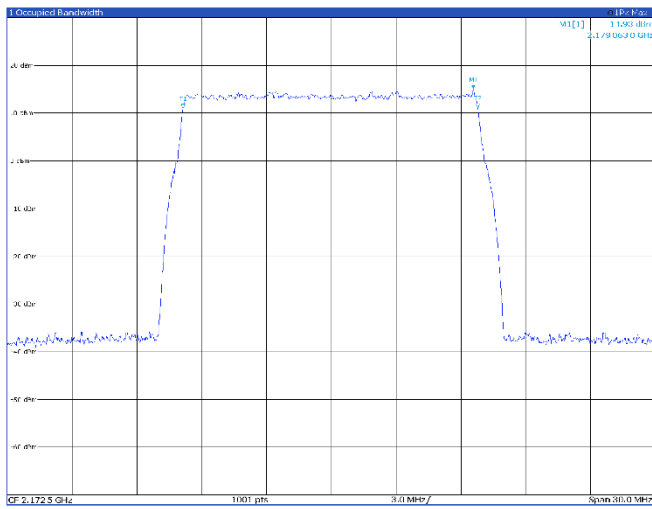
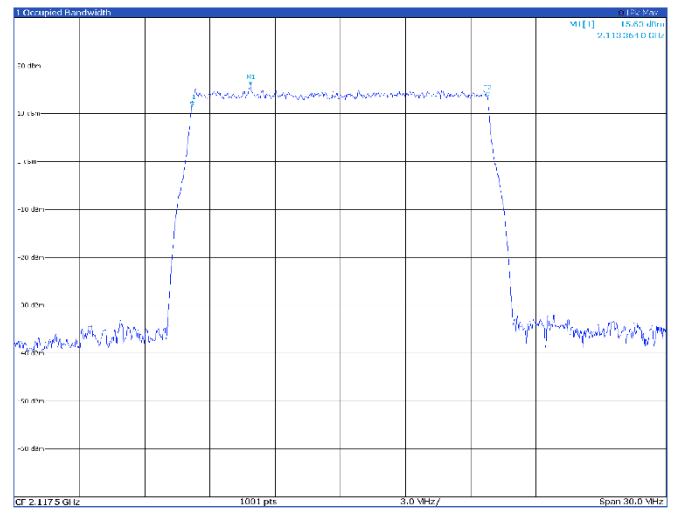
**TM3p3, 10 MHz, high channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		<b>2.175 919 GHz</b>	<b>16.20 dBm</b>	Occ Sp	<b>8.518 981 234 MHz</b>
T1	1		2.175 642 GHz	10.19 dBm	Occ Sp	2.175 500 232 GHz
T2	1		2.175 365 GHz	6.83 dBm	Occ Sp	2.175 500 232 GHz

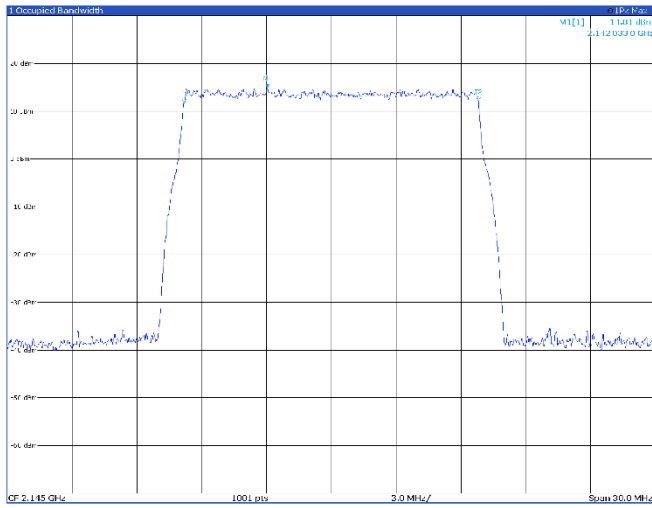
Band n66

15 MHz

**TM1.1, 15 MHz, low channel**

**TM1.1, 15 MHz, mid channel**

**TM1.1, 15 MHz, high channel**

**TM3p1, 15 MHz, low channel**


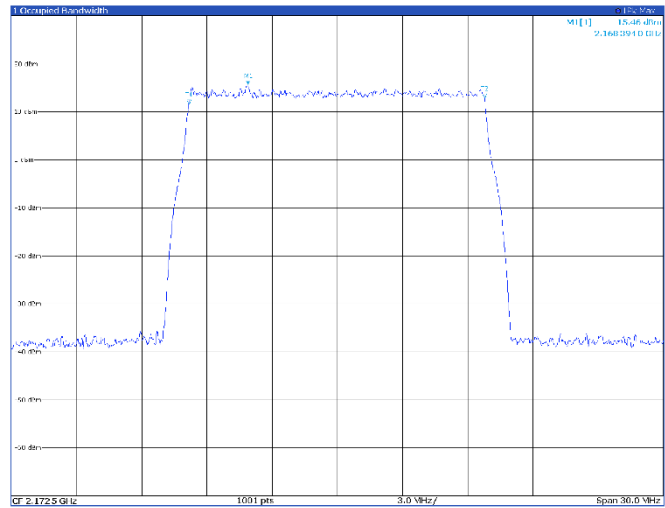


**TM3p1, 15 MHz, mid channel**



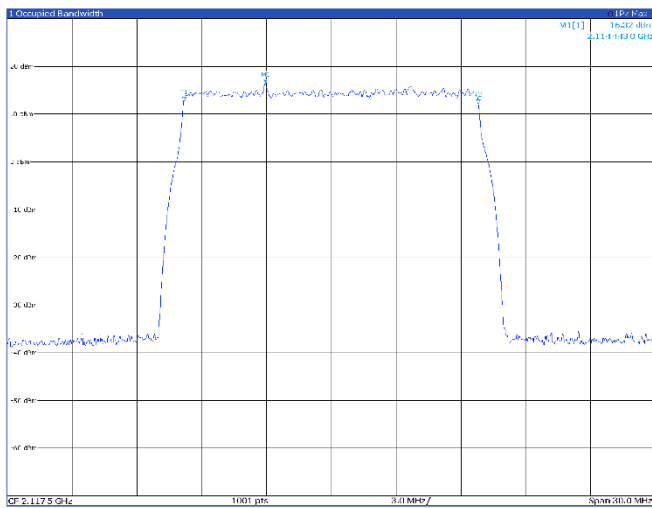
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
P1	:	1	2.142 033 GHz	14.81 dBm	Occ Sw		13.611 904 917 MHz
F1	:	1	2.142 033 GHz	11.61 dBm	Occ Sw	Control	1.144 909 27 GHz
F2	:	1	2.142 033 GHz	11.61 dBm	Occ Sw	Control	4.027 572 693 GHz

**TM3p1, 15 MHz, high channel**



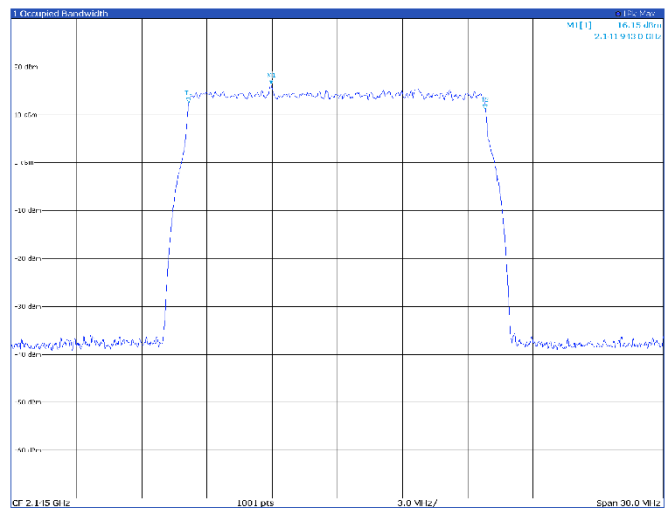
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
P1	:	1	2.168 394 GHz	15.46 dBm	Occ Sw		13.614 147 039 MHz
F1	:	1	2.168 394 GHz	11.52 dBm	Occ Sw	Control	2.173 471 006 GHz
F2	:	1	2.168 394 GHz	11.52 dBm	Occ Sw	Control	4.027 218 461 536 GHz

**TM3p1a, 15 MHz, low channel**



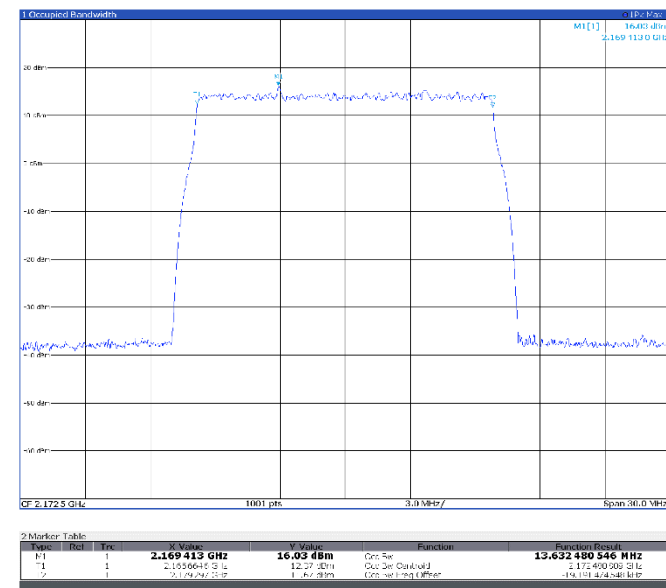
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
P1	:	1	2.114 443 GHz	16.32 dBm	Occ Sw		13.633 956 997 MHz
F1	:	1	2.114 443 GHz	12.36 dBm	Occ Sw	Control	1.117 485 335 GHz
F2	:	1	2.114 443 GHz	12.36 dBm	Occ Sw	Control	4.026 094 947 GHz

**TM3p1a, 15 MHz, mid channel**

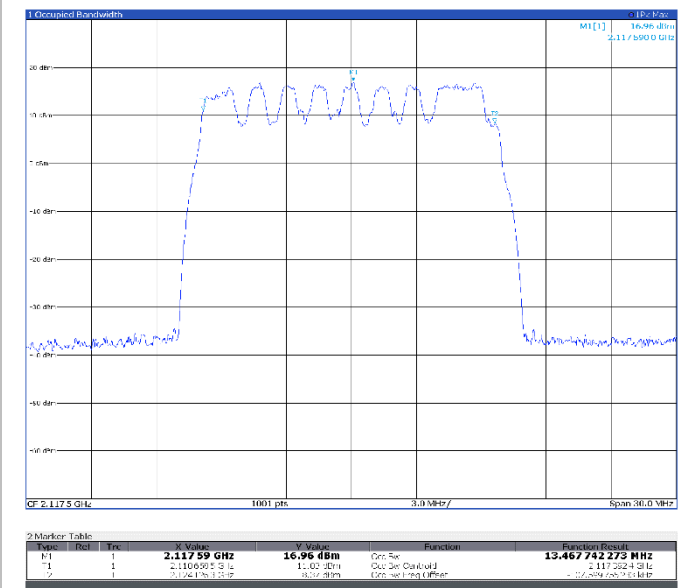


Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
P1	:	1	2.163 943 GHz	16.15 dBm	Occ Sw		13.632 350 509 MHz
F1	:	1	2.163 943 GHz	12.31 dBm	Occ Sw	Control	2.111 680 609 GHz
F2	:	1	2.163 943 GHz	12.31 dBm	Occ Sw	Control	4.026 264 4 GHz

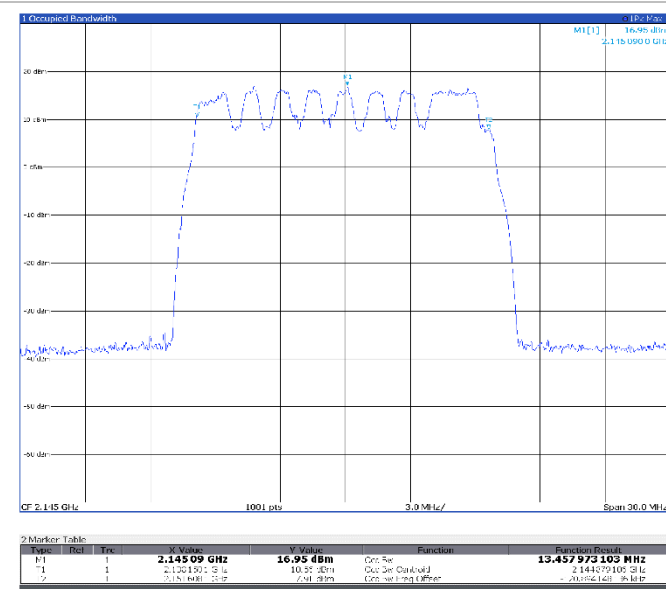
**TM3p1a, 15 MHz, high channel**



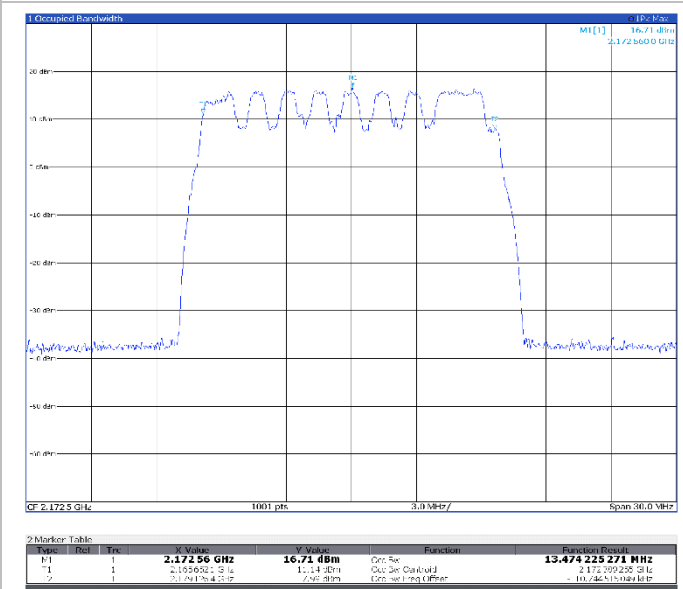
**TM3p3, 15 MHz, low channel**



**TM3p3, 15 MHz, mid channel**



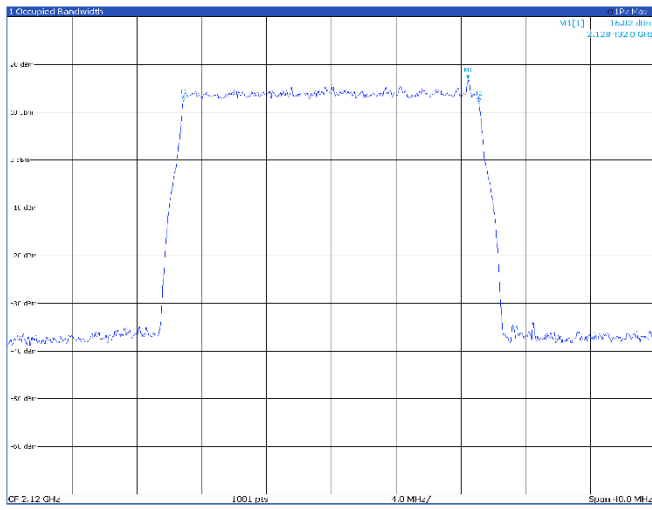
**TM3p3, 15 MHz, high channel**



## Band n66

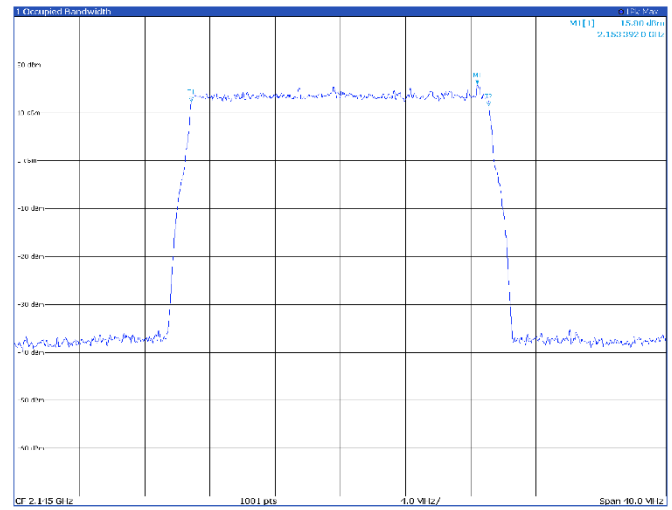
## 20 MHz

## TM1.1, 20 MHz, low channel



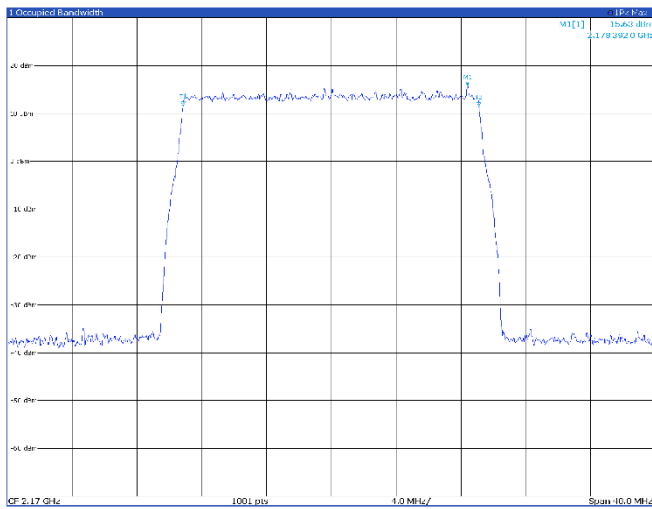
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.128 432 GHz	16.82 dBm	Occ Sw	18.245 874 361 MHz
T1	1		2.120 000 GHz	12.27 dBm	Occ Sw Channel	2.119 972 000 GHz
T2	1		2.136 000 GHz	11.94 dBm	Occ Sw Channel Offset	2.135 972 000 MHz

## TM1.1, 20 MHz, mid channel



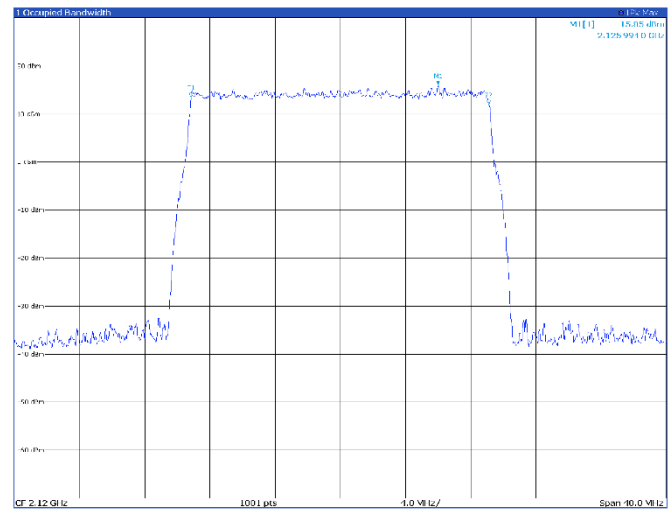
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115 392 GHz	15.80 dBm	Occ Sw	18.247 247 01 MHz
T1	1		2.107 000 GHz	12.27 dBm	Occ Sw Channel	2.106 972 000 GHz
T2	1		2.123 000 GHz	11.41 dBm	Occ Sw Channel Offset	2.122 972 000 MHz

## TM1.1, 20 MHz, high channel



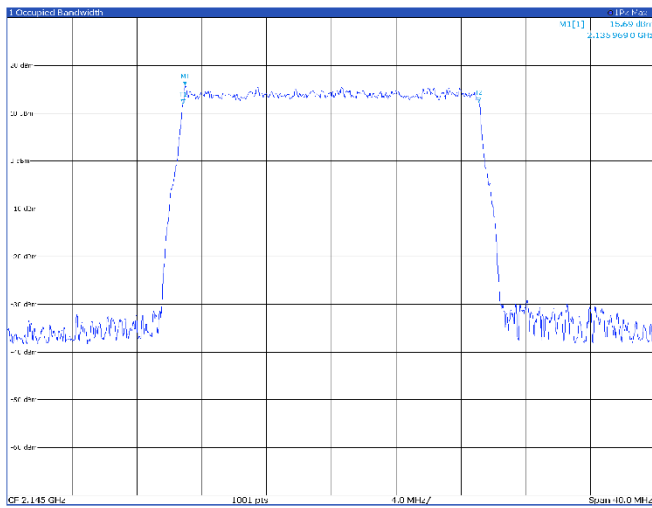
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.178 392 GHz	15.63 dBm	Occ Sw	18.240 612 883 MHz
T1	1		2.170 000 GHz	11.40 dBm	Occ Sw Channel	2.169 972 000 GHz
T2	1		2.186 000 GHz	11.26 dBm	Occ Sw Channel Offset	2.185 972 000 MHz

## TM3p1, 20 MHz, low channel



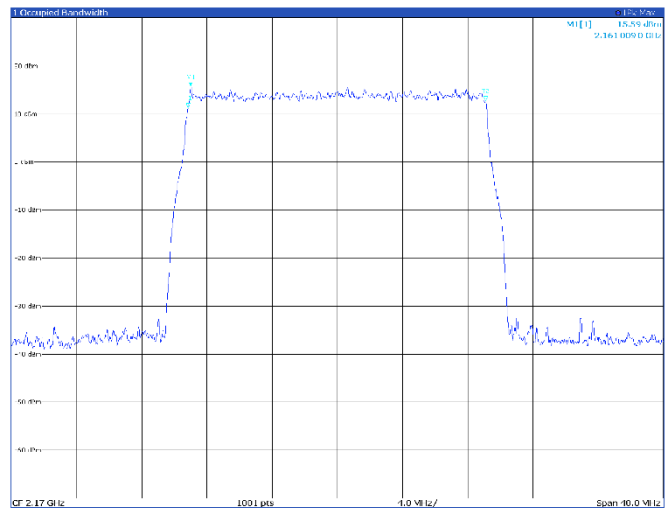
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.125 994 GHz	15.85 dBm	Occ Sw	18.261 898 932 MHz
T1	1		2.117 000 GHz	13.49 dBm	Occ Sw Channel	2.116 972 000 GHz
T2	1		2.134 000 GHz	11.05 dBm	Occ Sw Channel Offset	2.133 972 000 MHz

**TM3p1, 20 MHz, mid channel**



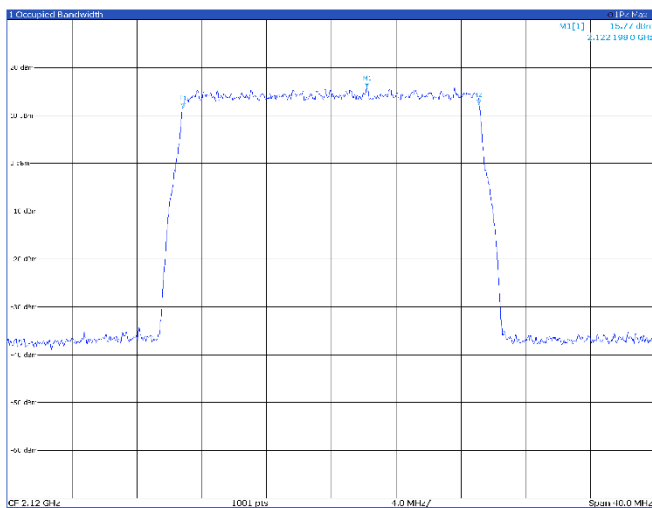
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	<b>2.155 969 GHz</b>	<b>15.69 dBm</b>	Occ Sw		<b>18.259 584 48 MHz</b>
F1	-	1	2.145 000 GHz	11.75 dBm	Occ Sw	Control	2.149 976 500 GHz
F2	-	1	2.164 000 GHz	10.90 dBm	Occ Sw	Control	2.161 000 000 GHz

**TM3p1, 20 MHz, high channel**



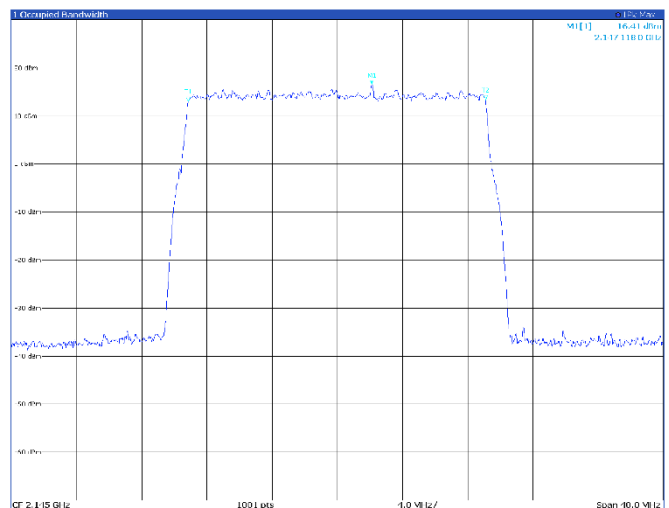
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	<b>2.161 009 GHz</b>	<b>15.59 dBm</b>	Occ Sw		<b>18.254 046 16 MHz</b>
F1	-	1	2.161 000 GHz	11.31 dBm	Occ Sw	Control	2.161 000 000 GHz
F2	-	1	2.161 000 GHz	10.75 dBm	Occ Sw	Control	2.161 000 000 GHz

**TM3p1a, 20 MHz, low channel**



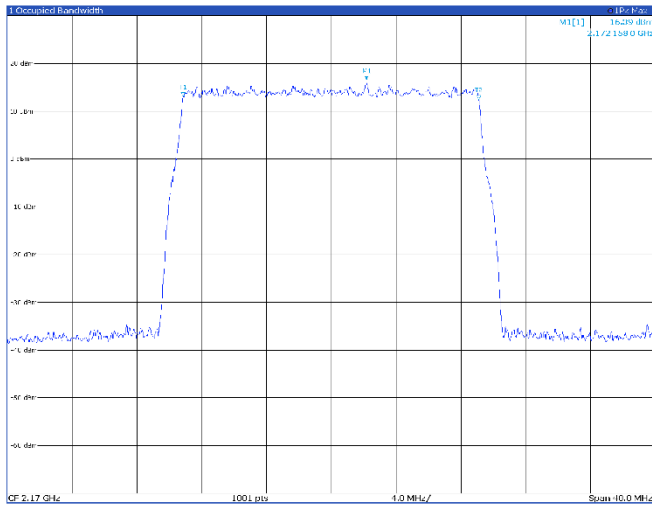
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	<b>2.122 198 GHz</b>	<b>15.77 dBm</b>	Occ Sw		<b>18.258 815 426 MHz</b>
F1	-	1	2.112 000 GHz	11.25 dBm	Occ Sw	Control	2.110 976 496 GHz
F2	-	1	2.134 000 GHz	10.90 dBm	Occ Sw	Control	2.134 000 000 GHz

**TM3p1a, 20 MHz, mid channel**



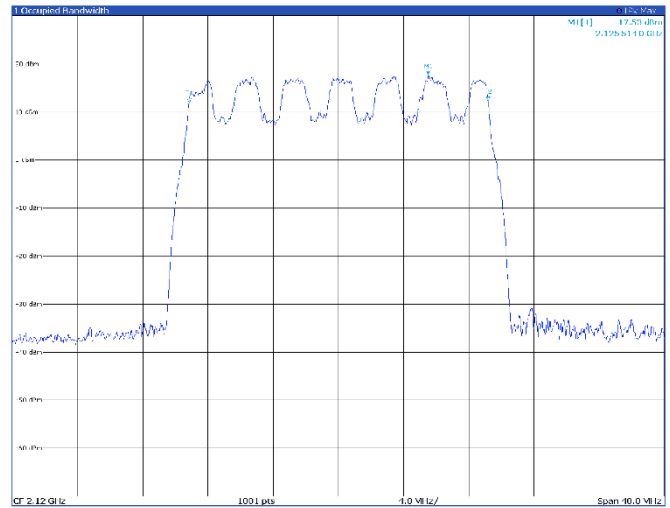
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	-	1	<b>2.147 110 GHz</b>	<b>16.41 dBm</b>	Occ Sw		<b>18.256 421 518 MHz</b>
F1	-	1	2.115 000 GHz	11.01 dBm	Occ Sw	Control	2.114 976 496 GHz
F2	-	1	2.139 000 GHz	11.34 dBm	Occ Sw	Control	2.139 000 000 GHz

**TM3p1a, 20 MHz, high channel**



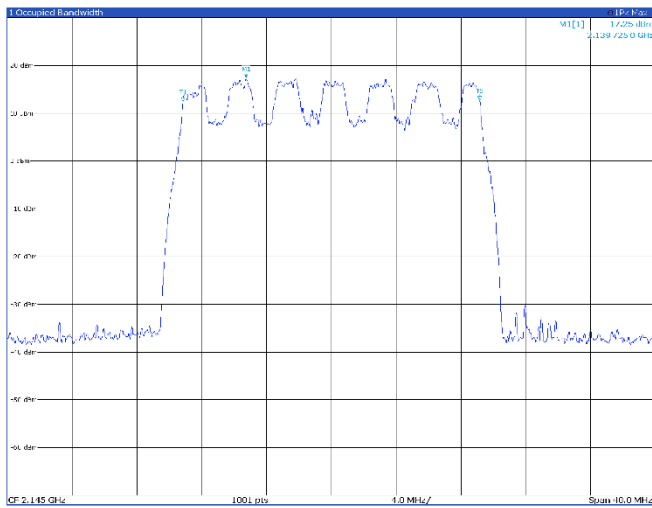
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Frequency Result
M1	:	1	2.172158 GHz	16.39 dBm	Off Sw	M1	18.257065679 MHz
M1	:	1	2.1670209 GHz	15.06 dBm	Occ Sw Control	M1	2.166959143 GHz
M2	:	1	2.1719367 GHz	15.06 dBm	Occ Sw Control	M2	2.171864141 GHz

**TM3p3, 20 MHz, low channel**



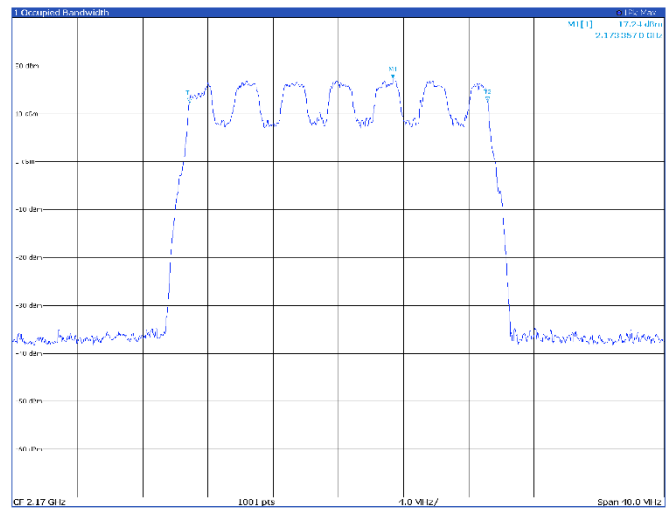
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Frequency Result
M1	:	1	2.125514 GHz	17.53 dBm	Off Sw	M1	18.317750683 MHz
M1	:	1	2.1118572 GHz	11.92 dBm	Occ Sw Control	M1	2.110716116 GHz
M2	:	1	2.1291728 GHz	12.03 dBm	Occ Sw Control	M2	18.113702736 MHz

**TM3p3, 20 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Frequency Result
M1	:	1	2.139725 GHz	17.25 dBm	Off Sw	M1	18.312303475 MHz
M1	:	1	2.1350497 GHz	12.41 dBm	Occ Sw Control	M1	2.134984907 GHz
M2	:	1	2.1413318 GHz	12.03 dBm	Occ Sw Control	M2	2.141266220 GHz

**TM3p3, 20 MHz, high channel**



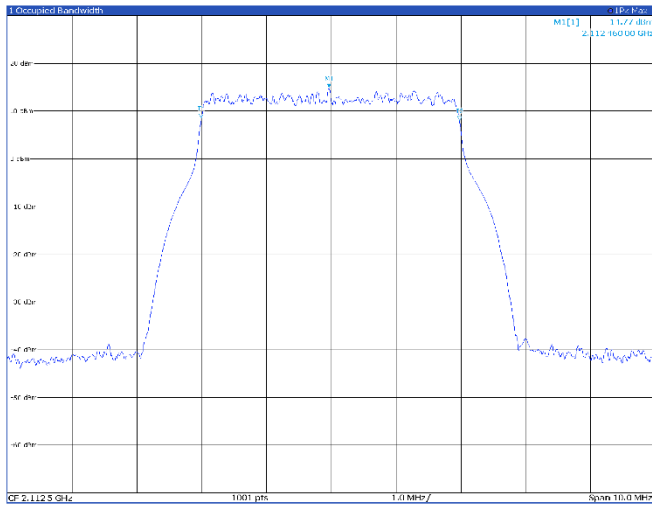
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Frequency Result
M1	:	1	2.173357 GHz	17.24 dBm	Off Sw	M1	18.305456932 MHz
M1	:	1	2.1678603 GHz	12.25 dBm	Occ Sw Control	M1	2.167794735 GHz
M2	:	1	2.1730681 GHz	12.03 dBm	Occ Sw Control	M2	18.294171407 MHz

## Antenna port 2

Band n66

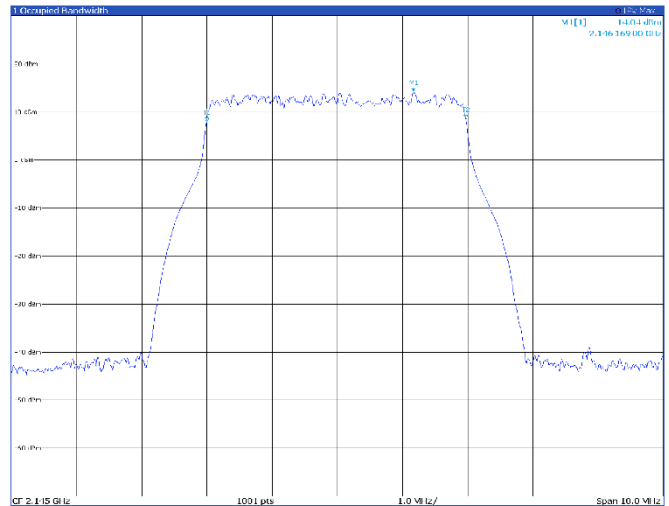
5 MHz

TM1.1, 5 MHz, low channel



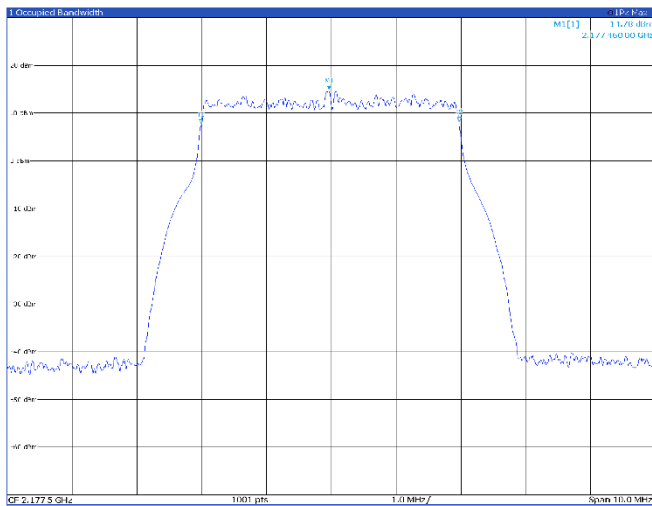
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.11246 GHz	14.77 dBm	Off	Carrier	3.985038872 MHz
M2	1		2.110492 GHz	8.48 dBm	Off	Carrier	2.111404545 GHz
M3	1		2.114477 GHz	8.16 dBm	Off	Carrier	2.113466333 GHz

TM1.1, 5 MHz, mid channel



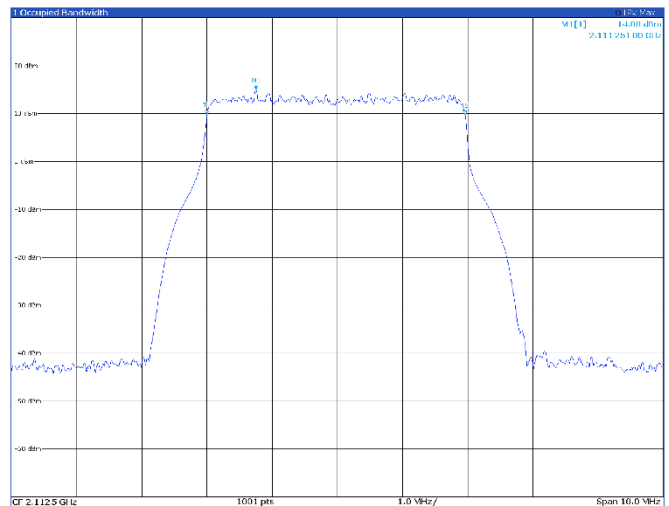
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.116169 GHz	14.04 dBm	Off	Carrier	3.977183968 MHz
M2	1		2.114194 GHz	7.53 dBm	Off	Carrier	2.115103027 GHz
M3	1		2.118179 GHz	8.41 dBm	Off	Carrier	2.117121187 GHz

TM1.1, 5 MHz, high channel



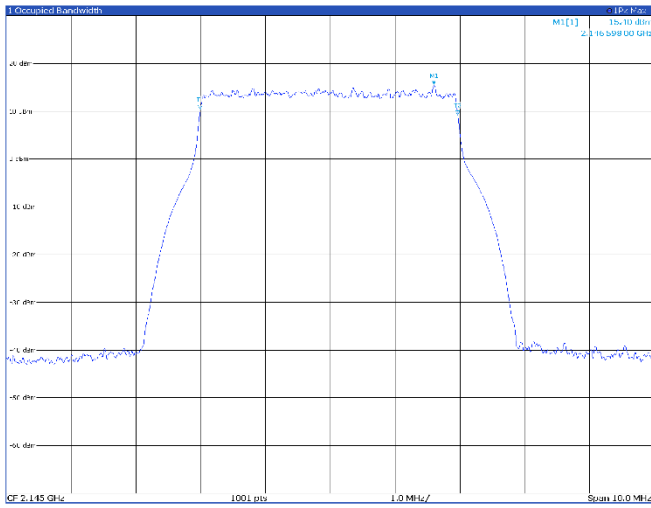
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.11746 GHz	14.78 dBm	Off	Carrier	3.97789106 MHz
M2	1		2.115492 GHz	7.95 dBm	Off	Carrier	2.116409075 GHz
M3	1		2.119477 GHz	8.15 dBm	Off	Carrier	2.118427083 GHz

TM3p1, 5 MHz, low channel



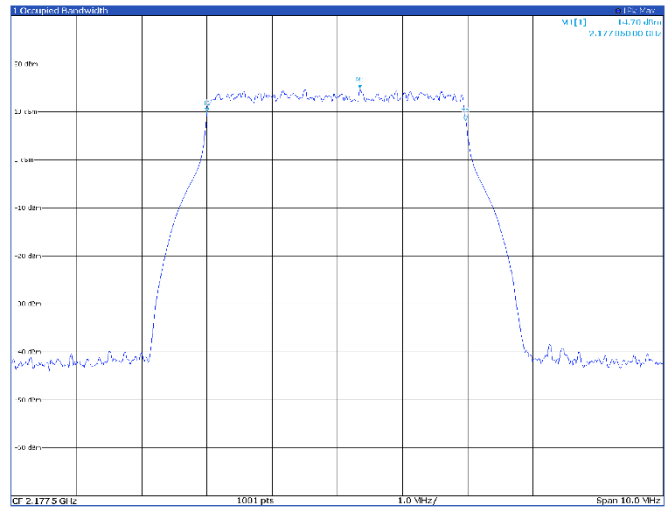
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.11251 GHz	14.88 dBm	Off	Carrier	3.958134327 MHz
M2	1		2.110539 GHz	9.77 dBm	Off	Carrier	2.111556905 GHz
M3	1		2.114523 GHz	9.65 dBm	Off	Carrier	2.113575017 GHz

**TM3p1, 5 MHz, mid channel**



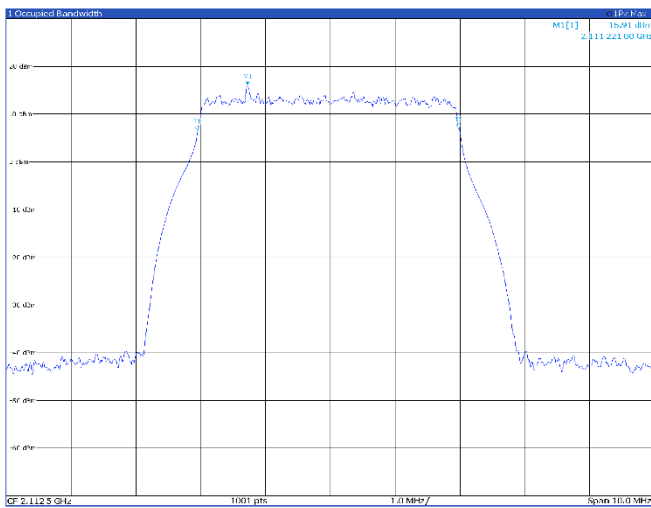
Type	Ref	Trc	X Value	Y Value	Func	Function	Function Result
M1	1		2.146 598 GHz	15.40 dBm	Off-Seg		3.972 562 341 MHz
T1	1		2.142 000 GHz	10.22 dBm	Occ BW Centroid		2.144 977 294 GHz
T2	1		2.148 900 GHz	9.18 dBm	Occ BW Offset		2.142 562 341 GHz

**TM3p1, 5 MHz, high channel**



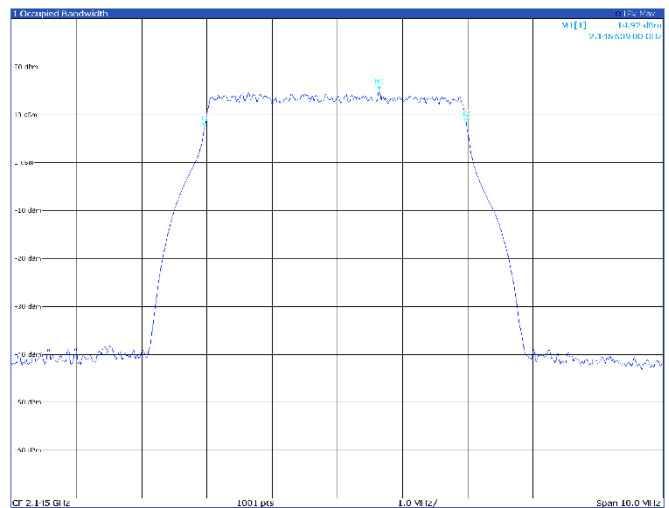
Type	Ref	Trc	X Value	Y Value	Func	Function	Function Result
M1	1		2.177 85 GHz	14.70 dBm	Off-Seg		3.966 971 251 MHz
T1	1		2.175 897 GHz	9.67 dBm	Occ BW Centroid		2.177 812 23 GHz
T2	1		2.179 803 GHz	9.2 dBm	Occ BW Offset		2.175 930 262 GHz

**TM3p1a, 5 MHz, low channel**



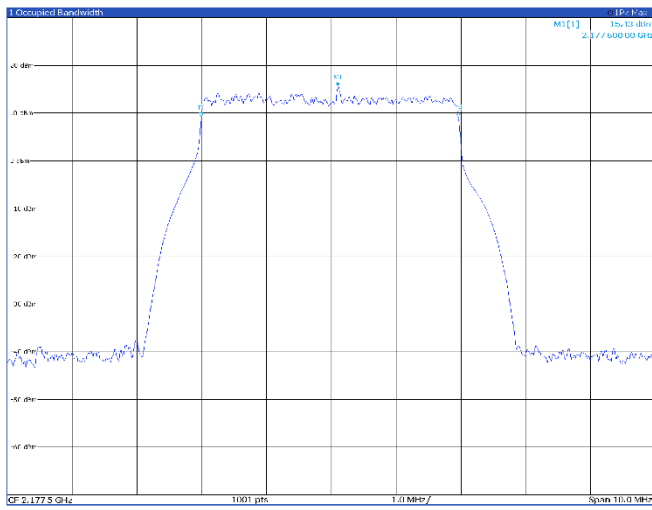
Type	Ref	Trc	X Value	Y Value	Func	Function	Function Result
M1	1		2.111 221 GHz	15.91 dBm	Off-Seg		4.029 707 051 MHz
T1	1		2.111 470 GHz	6.97 dBm	Occ BW Centroid		2.111 462 865 GHz
T2	1		2.111 972 GHz	6.88 dBm	Occ BW Offset		2.111 462 865 GHz

**TM3p1a, 5 MHz, mid channel**



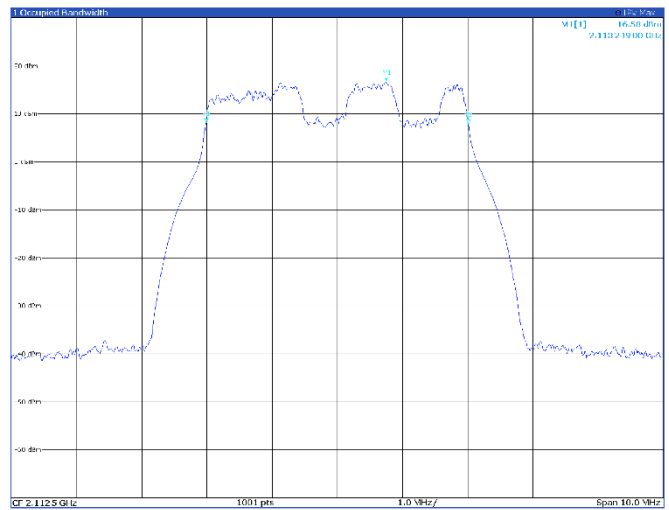
Type	Ref	Trc	X Value	Y Value	Func	Function	Function Result
M1	1		2.145 639 GHz	14.92 dBm	Off-Seg		4.014 911 595 MHz
T1	1		2.145 920 GHz	7.92 dBm	Occ BW Centroid		2.145 635 000 GHz
T2	1		2.145 971 GHz	8.22 dBm	Occ BW Offset		2.145 635 000 GHz

**TM3p1a, 5 MHz, high channel**



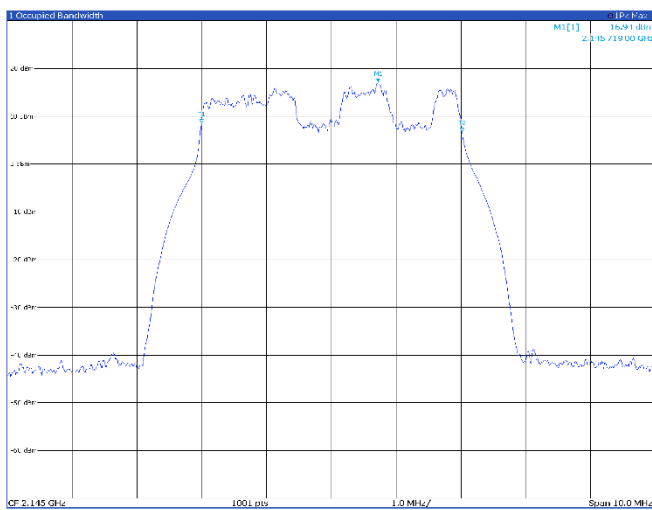
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.1776 GHz	15.43 dBm	Occ. BW	3.963065544 MHz
T1	:	1	2.1754922 GHz	9.11 dBm	Occ. BW Channel	-2.177472779 GHz
T2	:	1	2.1783671 GHz	9.11 dBm	Occ. BW Channel	-2.177472779 GHz

**TM3p3, 5 MHz, low channel**



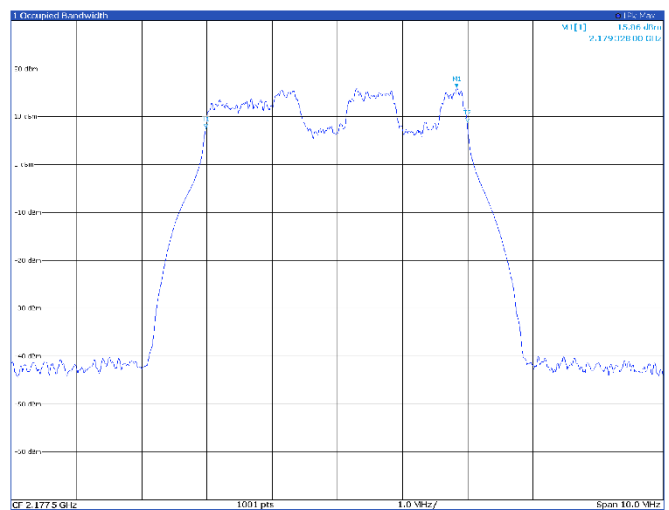
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.113249 GHz	16.58 dBm	Occ. BW	4.02178914 MHz
T1	:	1	2.110457 GHz	7.52 dBm	Occ. BW Channel	2.112197882 GHz
T2	:	1	2.114053 GHz	7.52 dBm	Occ. BW Channel	2.112197882 GHz

**TM3p3, 5 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.145719 GHz	16.94 dBm	Occ. BW	4.022980871 MHz
T1	:	1	2.1440922 GHz	8.41 dBm	Occ. BW Channel	2.145002426 GHz
T2	:	1	2.1473467 GHz	8.41 dBm	Occ. BW Channel	2.145002426 GHz

**TM3p3, 5 MHz, high channel**



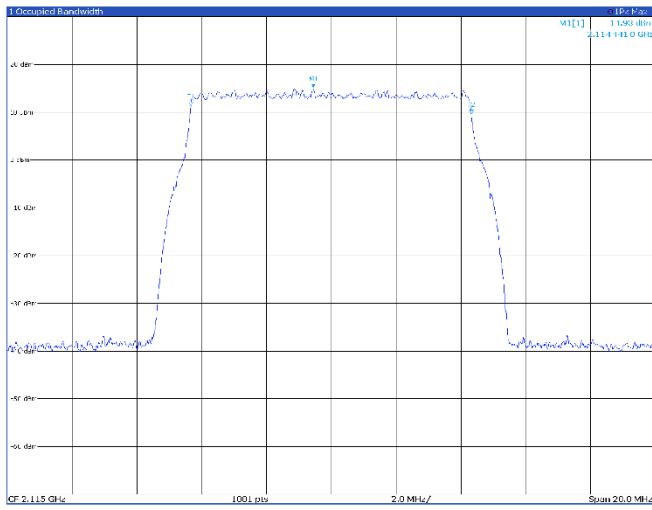
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.179328 GHz	15.86 dBm	Occ. BW	4.013097846 MHz
T1	:	1	2.178179 GHz	7.11 dBm	Occ. BW Channel	2.177803032 GHz
T2	:	1	2.178492 GHz	8.82 dBm	Occ. BW Channel	2.177803032 GHz



## Band n66

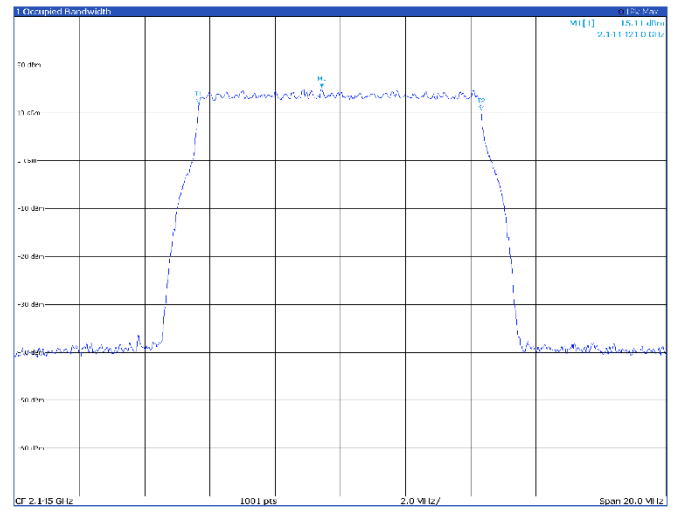
## 10 MHz

TM1.1, 10 MHz, low channel



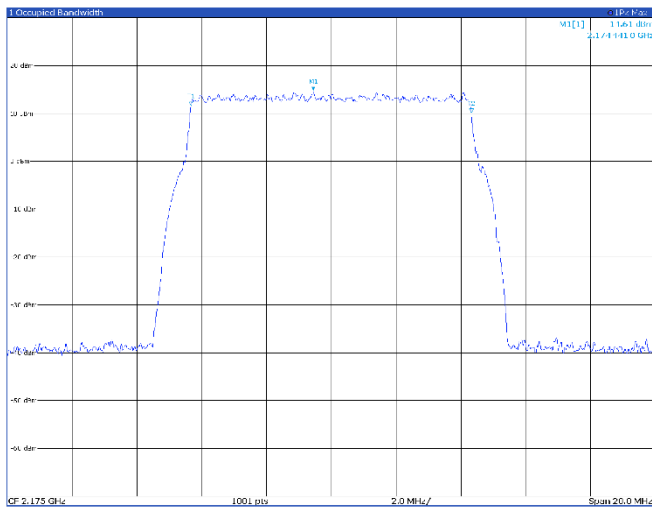
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	:	1	2.114441 GHz	14.93 dBm	Occ SW	8.663167016 MHz
T1	:	1	2.113359 GHz	11.48 dBm	Occ SW Channel	-1.148307518 GHz
T2	:	1	2.115384 GHz	9.48 dBm	Occ SW Channel Offset	2.002024984 GHz

TM1.1, 10 MHz, mid channel



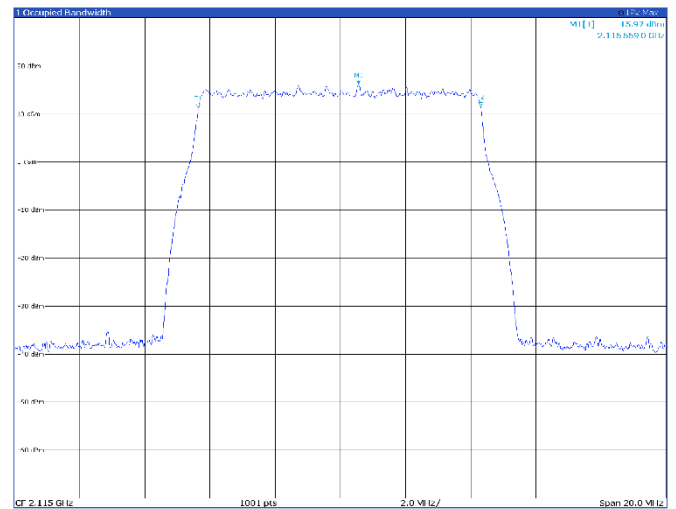
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	:	1	2.114421 GHz	15.11 dBm	Occ SW	8.66786046 MHz
T1	:	1	2.113359 GHz	11.53 dBm	Occ SW Channel	2.111388757 GHz
T2	:	1	2.115377 GHz	10.45 dBm	Occ SW Channel Offset	-1.202477254 GHz

TM1.1, 10 MHz, high channel



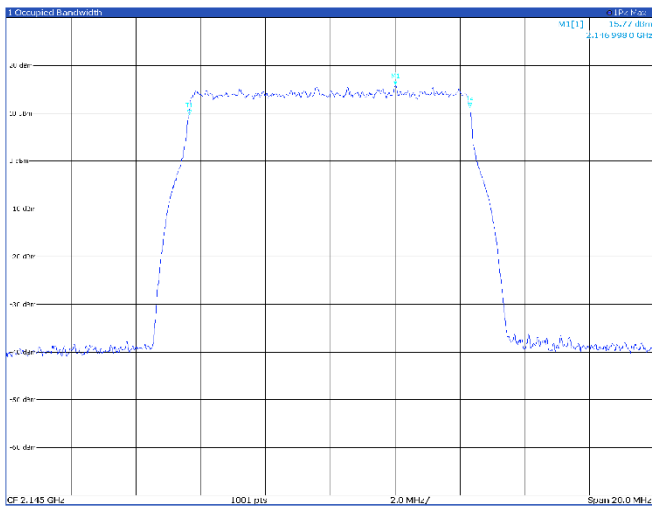
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	:	1	2.174441 GHz	14.61 dBm	Occ SW	8.661355791 MHz
T1	:	1	2.172359 GHz	11.48 dBm	Occ SW Channel	-1.148307518 GHz
T2	:	1	2.176384 GHz	10.48 dBm	Occ SW Channel Offset	-1.002024984 GHz

TM3p1, 10 MHz, low channel



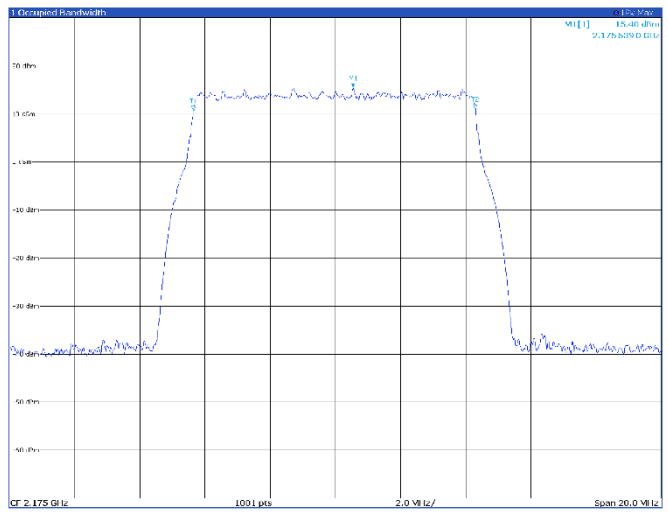
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	:	1	2.115559 GHz	15.97 dBm	Occ SW	8.664177353 MHz
T1	:	1	2.113359 GHz	11.53 dBm	Occ SW Channel	2.111388757 GHz
T2	:	1	2.115377 GHz	11.54 dBm	Occ SW Channel Offset	-1.002024984 GHz

**TM3p1, 10 MHz, mid channel**



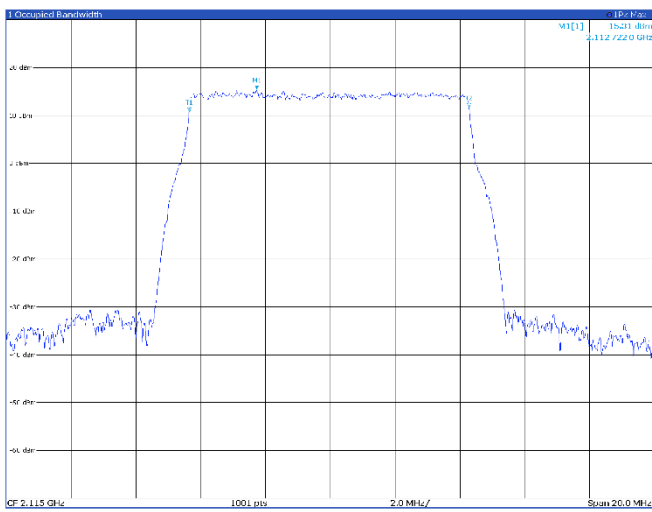
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		<b>2.146 998 GHz</b>	<b>15.77 dBm</b>	Occ Sw		<b>8.649 433 648 MHz</b>
M1	1		2.146 652 GHz	10.60 dBm	Occ Sw	Control	2.146 976 992 GHz
M2	1		2.146 998 GHz	11.16 dBm	Occ Sw	Control	2.146 998 GHz

**TM3p1, 10 MHz, high channel**



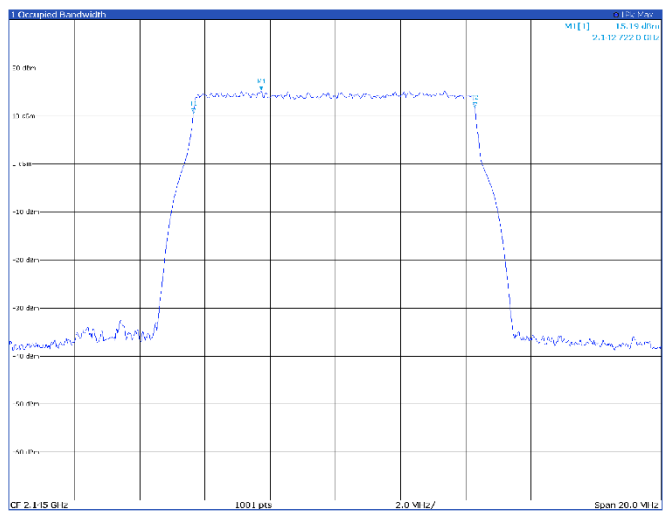
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		<b>2.175 539 GHz</b>	<b>15.40 dBm</b>	Occ Sw		<b>8.645 994 411 MHz</b>
M1	1		2.175 625 GHz	10.71 dBm	Occ Sw	Control	2.175 653 9 GHz
M2	1		2.175 539 GHz	10.95 dBm	Occ Sw	Control	2.175 539 GHz

**TM3p1a, 10 MHz, low channel**



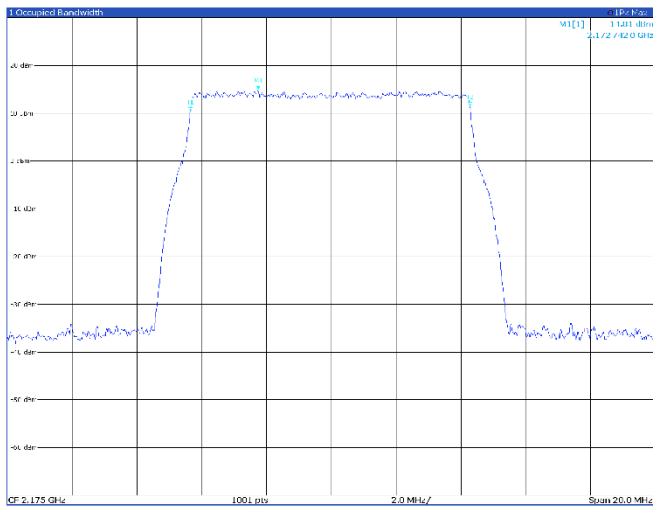
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		<b>2.112 722 GHz</b>	<b>15.51 dBm</b>	Occ Sw		<b>8.632 943 445 MHz</b>
M1	1		2.112 649 GHz	10.64 dBm	Occ Sw	Control	2.112 652 792 GHz
M2	1		2.112 722 GHz	11.62 dBm	Occ Sw	Control	2.112 722 GHz

**TM3p1a, 10 MHz, mid channel**



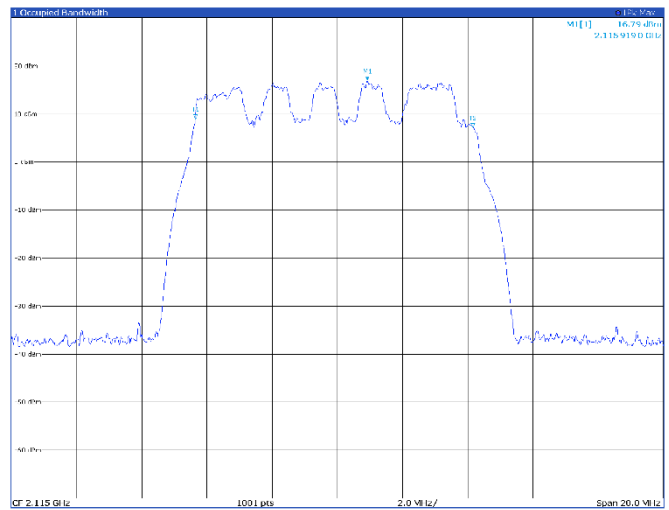
Type	Rel	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		<b>2.142 722 GHz</b>	<b>15.19 dBm</b>	Occ Sw		<b>8.632 107 937 MHz</b>
M1	1		2.142 679 GHz	10.03 dBm	Occ Sw	Control	2.142 68025 GHz
M2	1		2.142 722 GHz	11.02 dBm	Occ Sw	Control	2.142 722 GHz

**TM3p1a, 10 MHz, high channel**



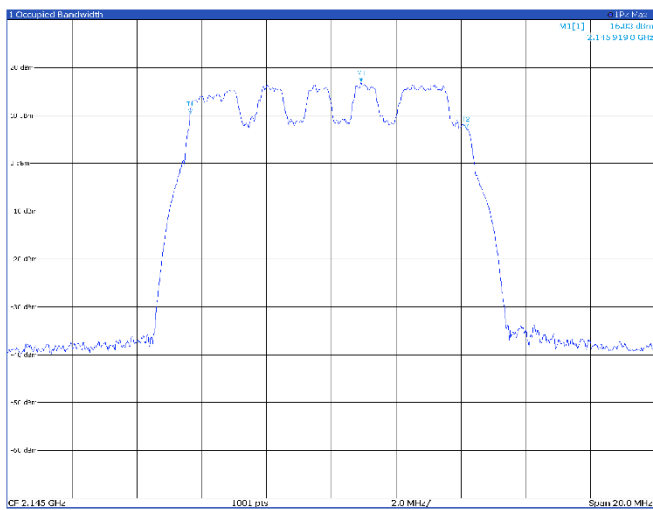
Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		<b>2.172742 GHz</b>	<b>14.81 dBm</b>	Occ Sw		<b>8.629781848 MHz</b>
M1	1		2.1705809 GHz	10.42 dBm	Occ Sw	Control	2.174969425 GHz
M2	1		2.172742 GHz	11.36 dBm	Occ Sw	Control	2.172742 GHz

**TM3p3, 10 MHz, low channel**



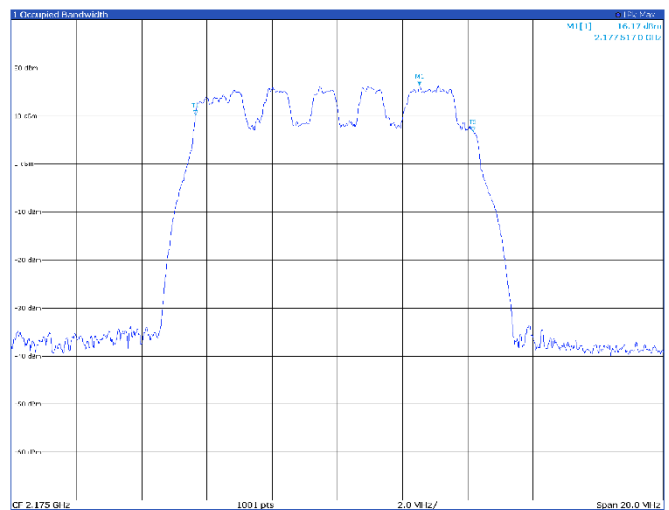
Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		<b>2.115919 GHz</b>	<b>16.79 dBm</b>	Occ Sw		<b>8.51110378 MHz</b>
M1	1		2.111675 GHz	9.51 dBm	Occ Sw	Control	2.11490301 GHz
M2	1		2.115919 GHz	13.89 dBm	Occ Sw	Control	2.115919 GHz

**TM3p3, 10 MHz, mid channel**



Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		<b>2.145919 GHz</b>	<b>16.83 dBm</b>	Occ Sw		<b>8.518434973 MHz</b>
M1	1		2.142693 GHz	10.42 dBm	Occ Sw	Control	2.144969425 GHz
M2	1		2.145919 GHz	13.76 dBm	Occ Sw	Control	2.145919 GHz

**TM3p3, 10 MHz, high channel**

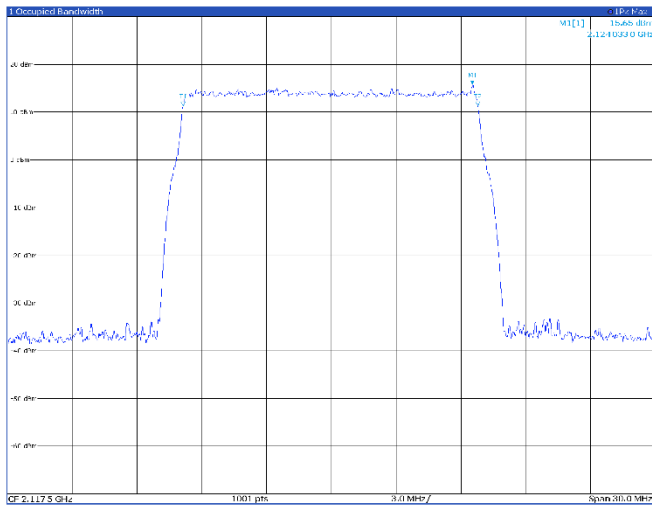


Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		<b>2.177517 GHz</b>	<b>16.17 dBm</b>	Occ Sw		<b>8.518256742 MHz</b>
M1	1		2.173697 GHz	10.42 dBm	Occ Sw	Control	2.174969425 GHz
M2	1		2.177517 GHz	13.63 dBm	Occ Sw	Control	2.177517 GHz

## Band n66

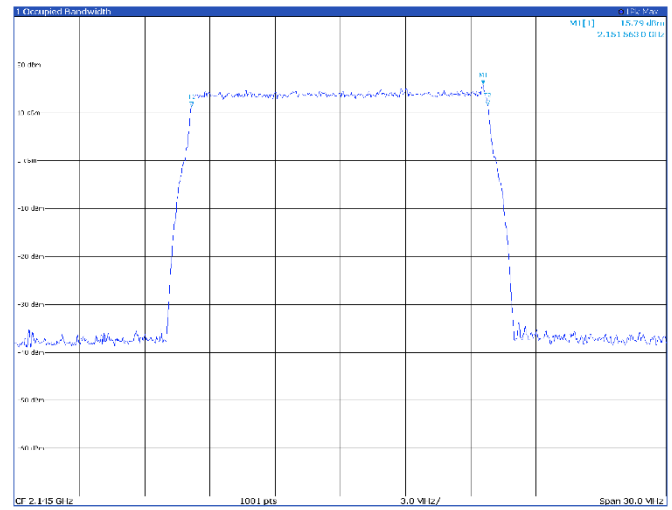
## 15 MHz

## TM1.1, 15 MHz, low channel



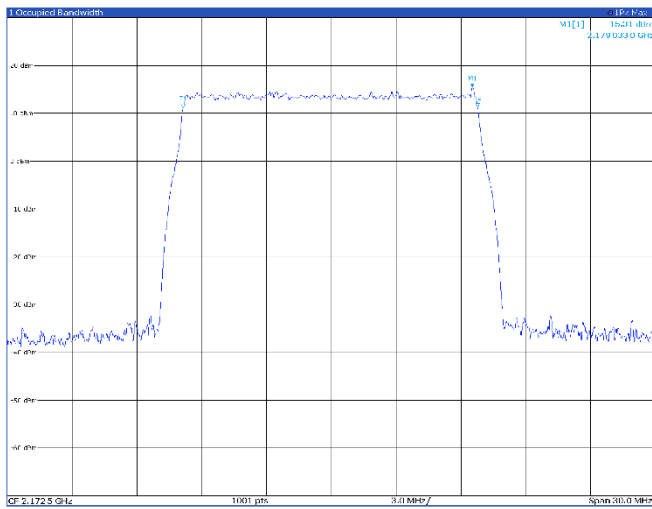
Type	Ref	Trc	X Value	Y Value	Occ. Src	Function	Function Result
M1	1		2.124 033 GHz	15.65 dBm	Occ Src	Occupied Bandwidth	13.633 115 025 MHz
M1	1		2.124 033 GHz	11.45 dBm	Occ Src	Occupied Bandwidth	13.633 115 025 MHz
M1	1		2.124 033 GHz	11.06 dBm	Occ Src	Occupied Bandwidth	13.633 115 025 MHz

## TM1.1, 15 MHz, mid channel



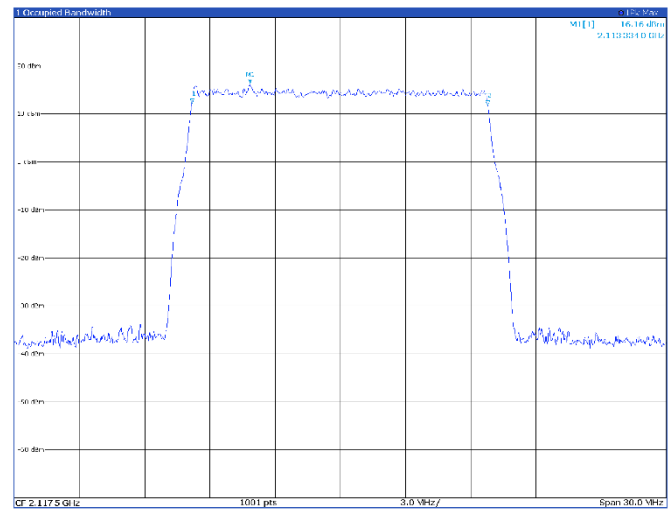
Type	Ref	Trc	X Value	Y Value	Occ. Src	Function	Function Result
M1	1		2.151 563 GHz	15.79 dBm	Occ Src	Occupied Bandwidth	13.625 285 712 MHz
M1	1		2.151 563 GHz	11.43 dBm	Occ Src	Occupied Bandwidth	13.625 285 712 MHz
M1	1		2.151 563 GHz	11.06 dBm	Occ Src	Occupied Bandwidth	13.625 285 712 MHz

## TM1.1, 15 MHz, high channel

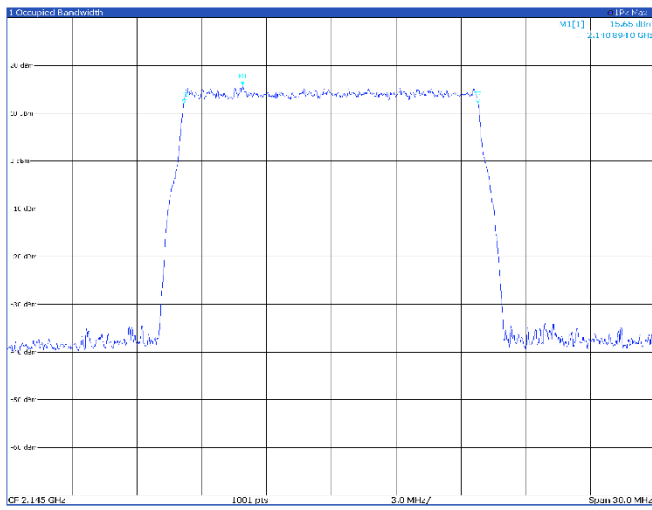


Type	Ref	Trc	X Value	Y Value	Occ. Src	Function	Function Result
M1	1		2.179 033 GHz	15.31 dBm	Occ Src	Occupied Bandwidth	13.639 426 956 MHz
M1	1		2.179 033 GHz	11.06 dBm	Occ Src	Occupied Bandwidth	13.639 426 956 MHz
M1	1		2.179 033 GHz	11.12 dBm	Occ Src	Occupied Bandwidth	13.639 426 956 MHz

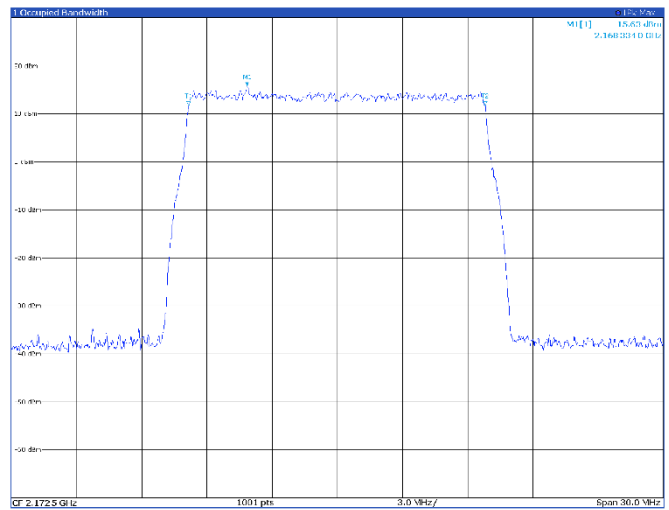
## TM3p1, 15 MHz, low channel



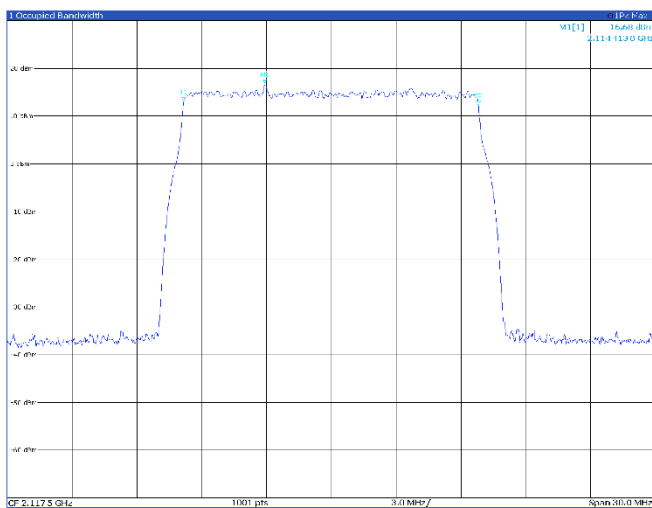
Type	Ref	Trc	X Value	Y Value	Occ. Src	Function	Function Result
M1	1		2.113 334 GHz	16.16 dBm	Occ Src	Occupied Bandwidth	13.604 328 584 MHz
M1	1		2.113 334 GHz	12.13 dBm	Occ Src	Occupied Bandwidth	13.604 328 584 MHz
M1	1		2.113 334 GHz	11.78 dBm	Occ Src	Occupied Bandwidth	13.604 328 584 MHz

**TM3p1, 15 MHz, mid channel**


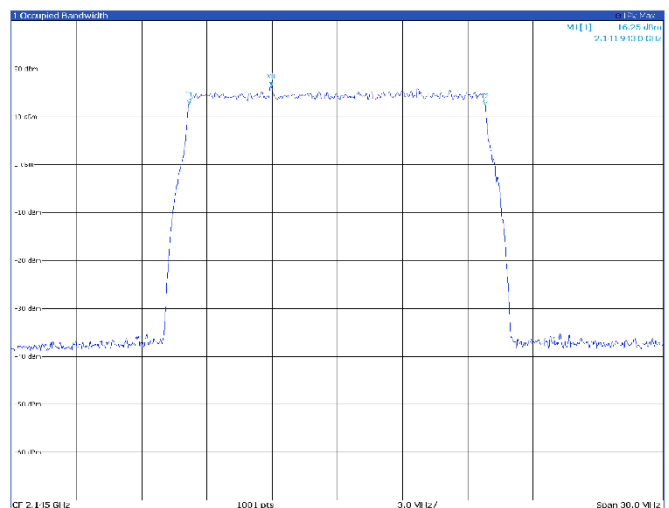
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.140 894 GHz	15.65 dBm	Occ. Sw		13.615 652 754 MHz
M2	1		2.140 721 GHz	11.74 dBm	Occ. Sw	Control	2.140 721 GHz
M3	1		2.141 867 GHz	11.74 dBm	Occ. Sw	Control	2.141 867 GHz

**TM3p1, 15 MHz, high channel**


Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.168 934 GHz	15.63 dBm	Occ. Sw		13.628 256 405 MHz
M2	1		2.168 602 GHz	11.65 dBm	Occ. Sw	Control	2.172 476 145 GHz
M3	1		2.170 591 GHz	11.65 dBm	Occ. Sw	Control	2.170 591 GHz

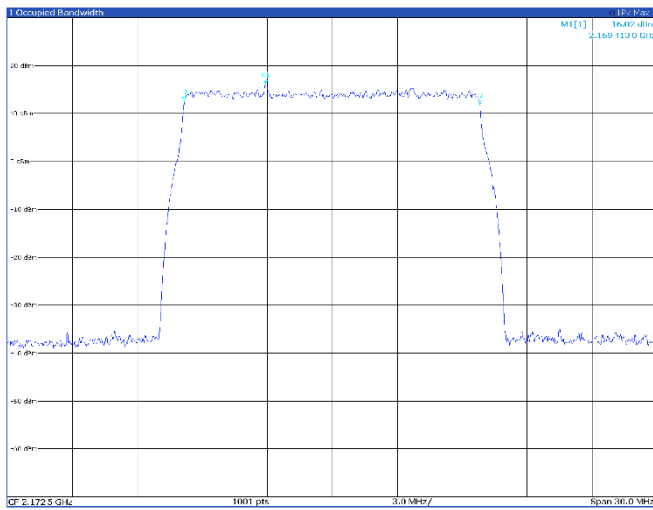
**TM3p1a, 15 MHz, low channel**


Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.114 413 GHz	16.65 dBm	Occ. Sw		13.630 088 931 MHz
M2	1		2.114 649 GHz	12.05 dBm	Occ. Sw	Control	2.114 649 GHz
M3	1		2.114 944 GHz	12.14 dBm	Occ. Sw	Control	2.114 944 GHz

**TM3p1a, 15 MHz, mid channel**


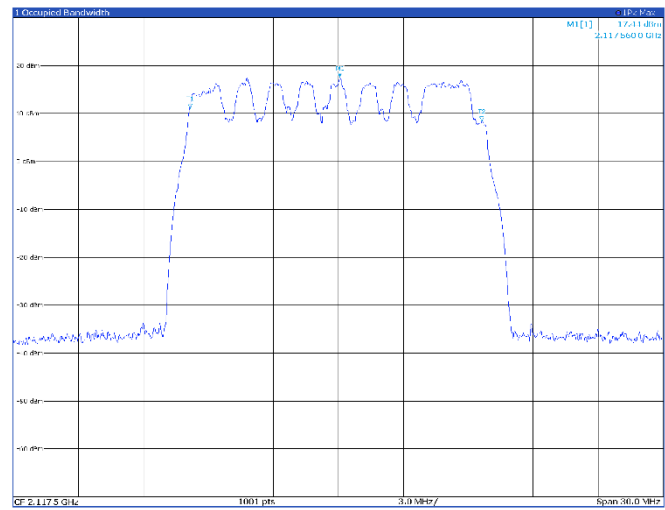
Type	Ref	Trc	X Value	Y Value	Occ. Sw	Function	Function Result
M1	1		2.141 943 GHz	16.25 dBm	Occ. Sw		13.631 538 434 MHz
M2	1		2.141 929 GHz	12.05 dBm	Occ. Sw	Control	2.141 929 GHz
M3	1		2.141 994 GHz	12.18 dBm	Occ. Sw	Control	2.141 994 GHz

**TM3p1a, 15 MHz, high channel**



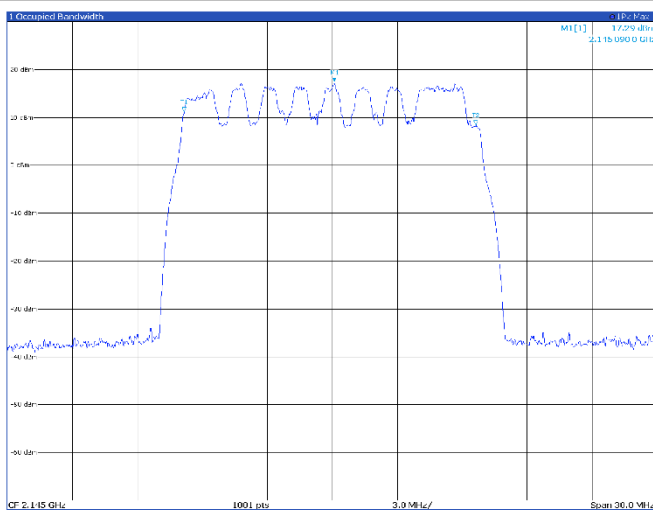
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.169413 GHz	16.02 dBm	Occ. Sp.	13.635570694 MHz
*1	1	1	2.183602 GHz	12.74 dBm	Occ. Sp. Channel	2.171479799 GHz
*2	1	1	2.179291 GHz	11.78 dBm	Occ. Sp. Inq. Offset	2.188219267 GHz

**TM3p3, 15 MHz, low channel**



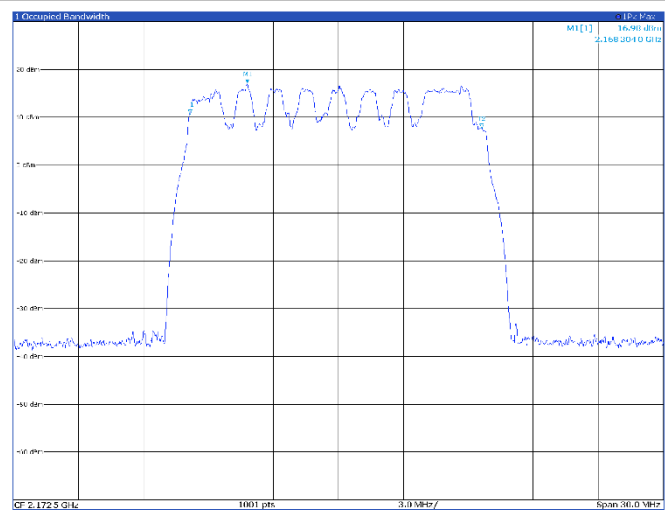
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.11756 GHz	17.44 dBm	Occ. Sp.	13.467592837 MHz
*1	1	1	2.110407 GHz	11.04 dBm	Occ. Sp. Channel	2.117302510 GHz
*2	1	1	2.1264 GHz	14.81 dBm	Occ. Sp. Inq. Offset	2.132402051 GHz

**TM3p3, 15 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.14509 GHz	17.29 dBm	Occ. Sp.	13.471219794 MHz
*1	1	1	2.150364 GHz	11.21 dBm	Occ. Sp. Channel	2.144591904 GHz
*2	1	1	2.154099 GHz	8.65 dBm	Occ. Sp. Inq. Offset	2.160802067 GHz

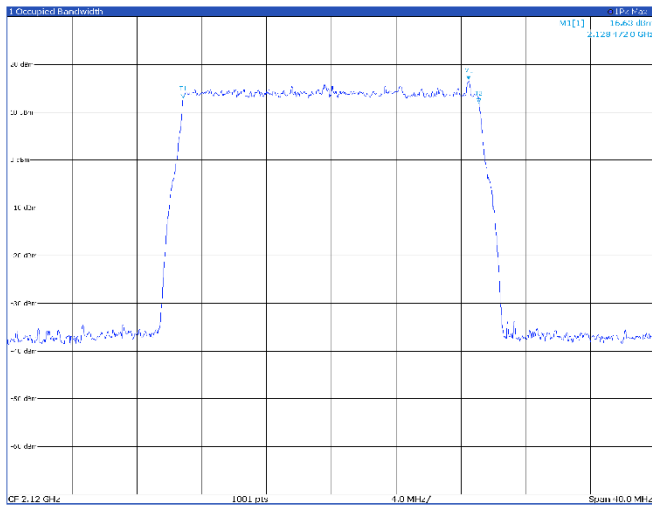
**TM3p3, 15 MHz, high channel**



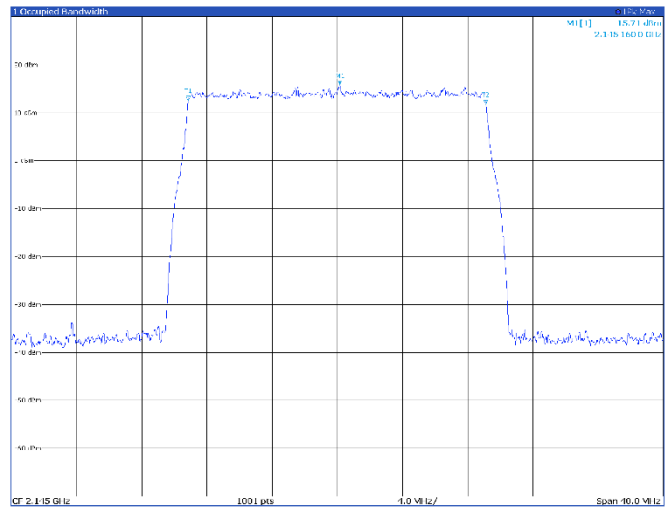
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.168304 GHz	16.98 dBm	Occ. Sp.	13.467811227 MHz
*1	1	1	2.159647 GHz	10.71 dBm	Occ. Sp. Channel	2.172303224 GHz
*2	1	1	2.1811 GHz	7.77 dBm	Occ. Sp. Inq. Offset	2.187991007 GHz

Band n66

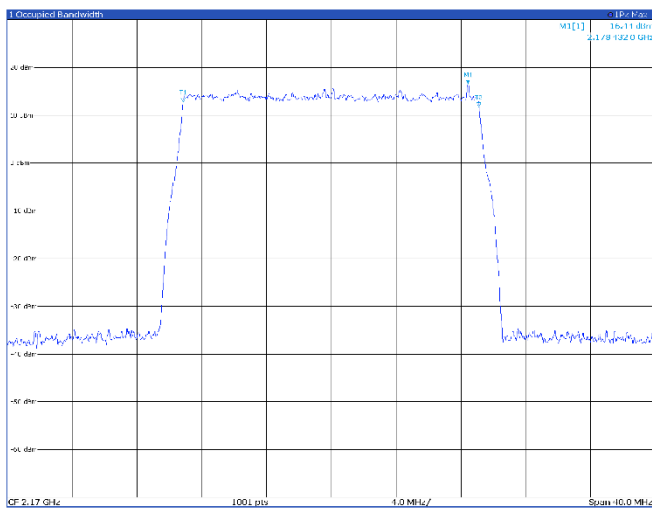
20 MHz

**TM1.1, 20 MHz, low channel**


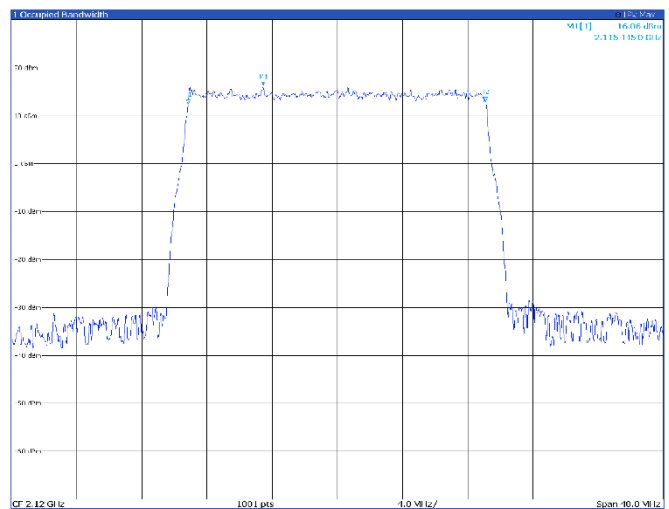
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		<b>2.128 472 GHz</b>	<b>16.63 dBm</b>	Occ: Sqr	<b>18.253 538 852 MHz</b>
T1	1		2.1276492 GHz	12.56 dBm	Occ: Del Carrier	2.119 979 979 GHz
T2	1		2.129 074 GHz	11.62 dBm	Occ: Del Carrier	2.119 979 979 GHz

**TM1.1, 20 MHz, mid channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		<b>2.115 116 GHz</b>	<b>15.71 dBm</b>	Occ: Sqr	<b>18.242 411 622 MHz</b>
T1	1		2.112 079 GHz	12.56 dBm	Occ: Del Carrier	2.119 979 979 GHz
T2	1		2.118 161 GHz	11.74 dBm	Occ: Del Carrier	2.119 979 979 GHz

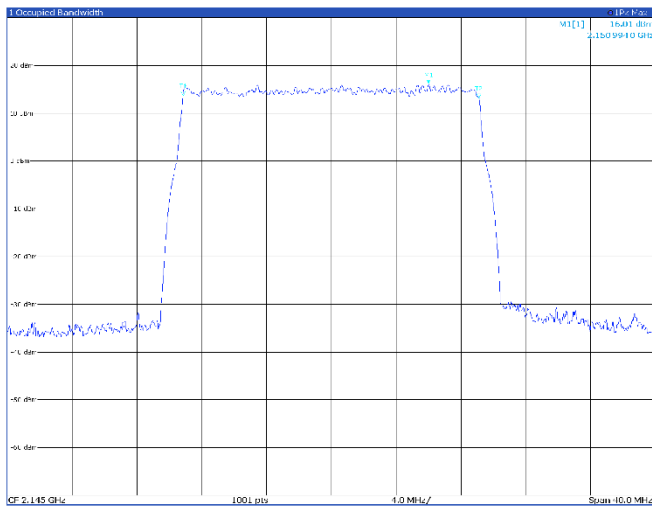
**TM1.1, 20 MHz, high channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		<b>2.178 432 GHz</b>	<b>16.44 dBm</b>	Occ: Sqr	<b>18.250 632 402 MHz</b>
T1	1		2.167 969 GHz	12.72 dBm	Occ: Del Carrier	2.119 979 979 GHz
T2	1		2.170 904 GHz	11.66 dBm	Occ: Del Carrier	2.119 979 979 GHz

**TM3p1, 20 MHz, low channel**


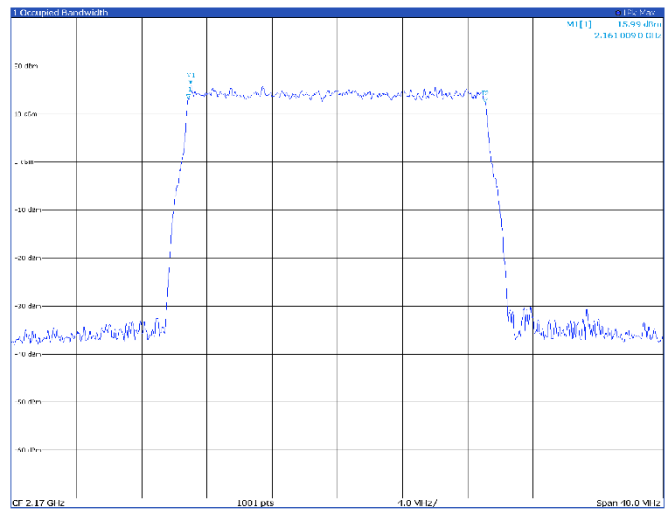
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		<b>2.115 445 GHz</b>	<b>16.06 dBm</b>	Occ: Sqr	<b>18.252 769 767 MHz</b>
T1	1		2.113 079 GHz	12.32 dBm	Occ: Del Carrier	2.119 979 175 GHz
T2	1		2.117 815 GHz	11.66 dBm	Occ: Del Carrier	2.119 979 175 GHz

**TM3p1, 20 MHz, mid channel**



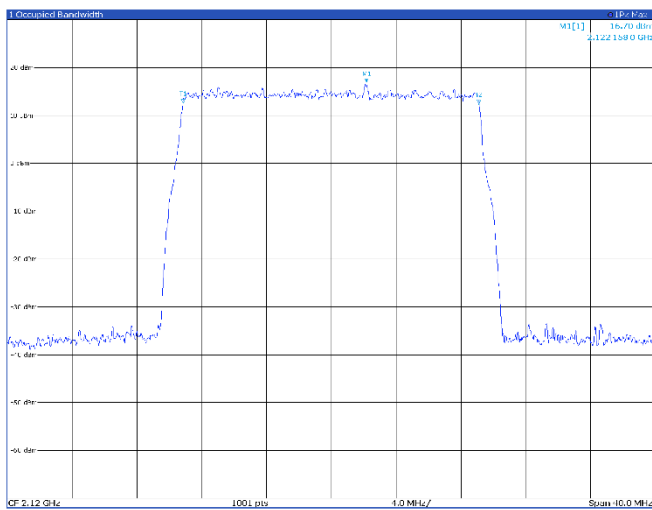
Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		2.150994 GHz	16.01 dBm	Off	Occ Sw Control	18.264042309 MHz
M2	1		2.148405 GHz	15.11 dBm	Off	Occ Sw Control	2.149722712 GHz
M3	1		2.153583 GHz	15.11 dBm	Off	Occ Sw Control	2.150294225 GHz

**TM3p1, 20 MHz, high channel**



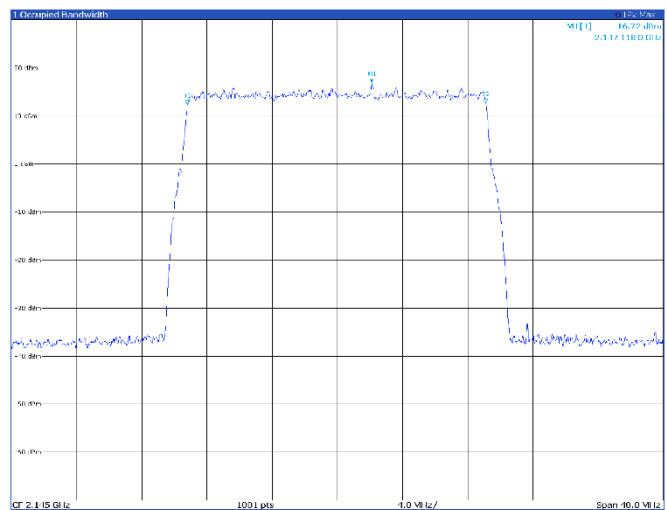
Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		2.161009 GHz	15.99 dBm	Off	Occ Sw Control	18.239882431 MHz
M2	1		2.161009 GHz	15.11 dBm	Off	Occ Sw Control	2.161009 GHz
M3	1		2.161009 GHz	15.11 dBm	Off	Occ Sw Control	2.161009 GHz

**TM3p1a, 20 MHz, low channel**



Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		2.122158 GHz	16.70 dBm	Off	Occ Sw Control	18.263840557 MHz
M2	1		2.120296 GHz	12.21 dBm	Off	Occ Sw Control	2.119615052 GHz
M3	1		2.124060 GHz	12.21 dBm	Off	Occ Sw Control	2.124060 GHz

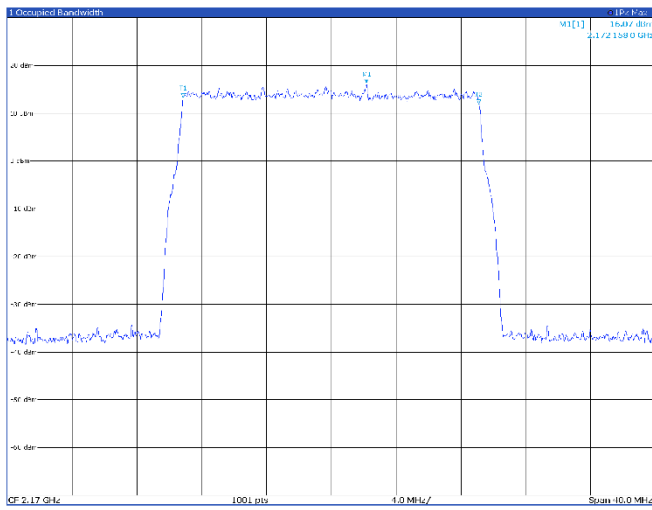
**TM3p1a, 20 MHz, mid channel**



Type	Rel	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	1		2.147118 GHz	16.72 dBm	Off	Occ Sw Control	18.271732977 MHz
M2	1		2.145000 GHz	12.21 dBm	Off	Occ Sw Control	2.145000 GHz
M3	1		2.149236 GHz	12.21 dBm	Off	Occ Sw Control	2.149236 GHz

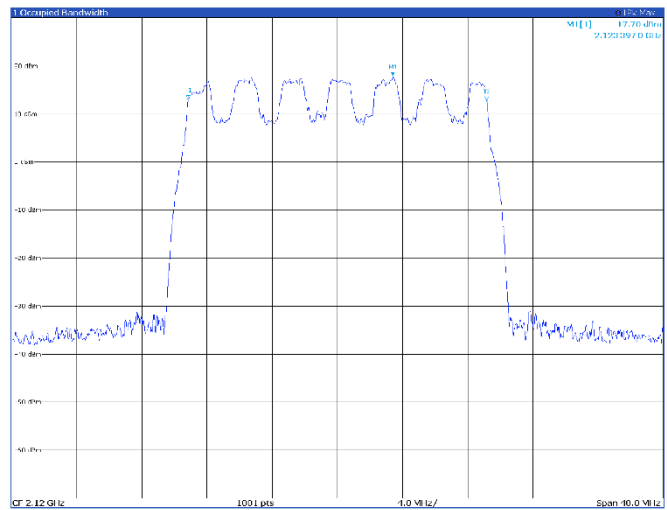


**TM3p1a, 20 MHz, high channel**



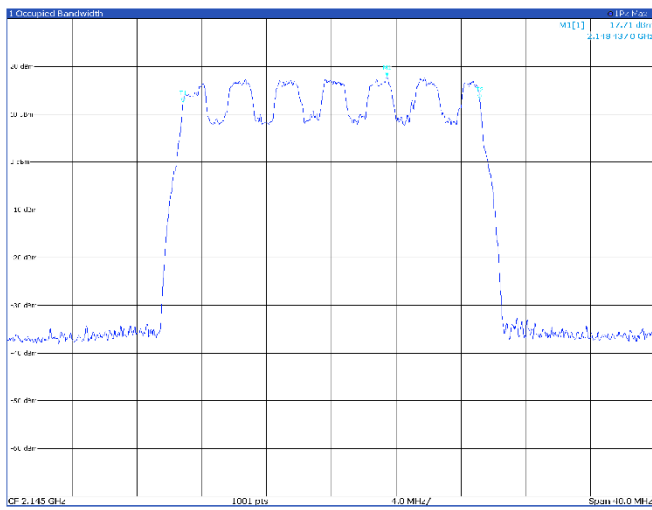
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.172138 GHz	16.07 dBm	Occ Spk	18.260772586 MHz
M1	:	1	2.1610284 GHz	12.24 dBm	Occ Spk Carrier	2.180768170 GHz
M2	:	1	2.172138 GHz	11.36 dBm	Occ Spk Carrier Offset	11.360000000 GHz

**TM3p3, 20 MHz, low channel**



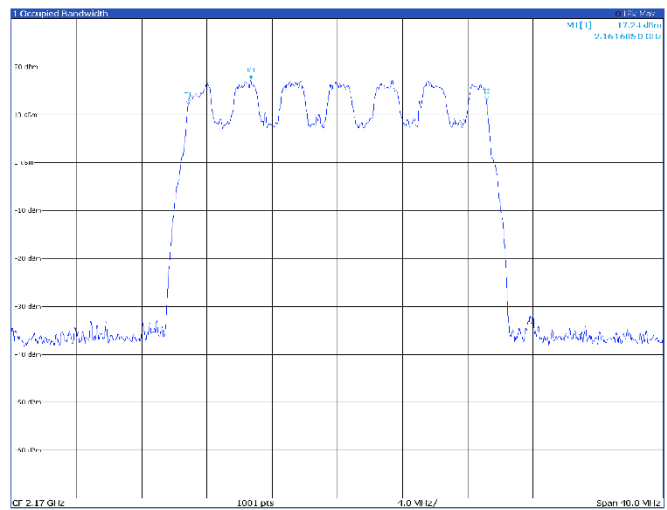
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.123397 GHz	17.70 dBm	Occ Spk	18.312311327 MHz
M1	:	1	2.1118515 GHz	12.91 dBm	Occ Spk Carrier	2.130307625 GHz
M2	:	1	2.123397 GHz	12.42 dBm	Occ Spk Carrier Offset	2.130000000 GHz

**TM3p3, 20 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.148437 GHz	17.71 dBm	Occ Spk	18.303964988 MHz
M1	:	1	2.1224589 GHz	12.45 dBm	Occ Spk Carrier	2.149869307 GHz
M2	:	1	2.148437 GHz	13.16 dBm	Occ Spk Carrier Offset	13.160000000 GHz

**TM3p3, 20 MHz, high channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.164685 GHz	17.24 dBm	Occ Spk	18.311908725 MHz
M1	:	1	2.16019 GHz	12.67 dBm	Occ Spk Carrier	2.170307951 GHz
M2	:	1	2.164685 GHz	12.81 dBm	Occ Spk Carrier Offset	2.180000000 GHz

### 8.3 FCC §27.53 (h)(3) 26 dB Occupied Bandwidth

---

#### 8.3.1 Definitions and limits

---

(3) Measurement procedure. (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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.

#### 8.3.2 Test summary

---

Test start date	October 10, 2024	Temperature	22 °C
Test end date	October 25, 2024	Air pressure	1001 mbar
Test engineer	O. Frau	Relative humidity	62%
Verdict	Pass		

#### 8.3.3 Observations, settings and special notes

---

Test method: ANSI C63.26 Section 5.4.4

Spectrum analyzer settings:

Resolution bandwidth	1% - 5% OBW
Video bandwidth	3*RBW
Frequency span	2*OBW
Detector mode	Peak
Trace mode	Max Hold

#### 8.3.3 Test equipment used

---

Equipment	Manufacturer	Model no.	Asset no.
Spectrum Analyzer	Rohde & Schwarz	FSW43	101767

## 8.3.4 Test data

## Band n66: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM1.1	2112.5	4.97
n66	5 MHz	TM1.1	2145.0	4.88
n66	5 MHz	TM1.1	2177.5	4.95

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p1	2112.5	4.91
n66	5 MHz	TM3p1	2145.0	4.83
n66	5 MHz	TM3p1	2177.5	4.83

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p1a	2112.5	4.76
n66	5 MHz	TM3p1a	2145.0	4.89
n66	5 MHz	TM3p1a	2177.5	4.78

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p3	2112.5	4.87
n66	5 MHz	TM3p3	2145.0	4.86
n66	5 MHz	TM3p3	2177.5	4.83

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM1.1	2115.0	9.91
n66	10 MHz	TM1.1	2145.0	10.05
n66	10 MHz	TM1.1	2175.0	10.07

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p1	2115.0	9.95
n66	10 MHz	TM3p1	2145.0	9.97
n66	10 MHz	TM3p1	2175.0	9.97

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p1a	2115.0	10.03
n66	10 MHz	TM3p1a	2145.0	10.01
n66	10 MHz	TM3p1a	2175.0	10.05

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p3	2115.0	9.83
n66	10 MHz	TM3p3	2145.0	9.81
n66	10 MHz	TM3p3	2175.0	9.79

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM1.1	2117.5	15.13
n66	15 MHz	TM1.1	2145.0	15.07
n66	15 MHz	TM1.1	2172.5	15.13

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p1	2117.5	15.04
n66	15 MHz	TM3p1	2145.0	15.04
n66	15 MHz	TM3p1	2172.5	15.04

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p1a	2117.5	15.13
n66	15 MHz	TM3p1a	2145.0	15.13
n66	15 MHz	TM3p1a	2172.5	15.13

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p3	2117.5	14.96
n66	15 MHz	TM3p3	2145.0	14.93
n66	15 MHz	TM3p3	2172.5	14.93

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM1.1	2120.0	19.98
n66	20 MHz	TM1.1	2145.0	19.94
n66	20 MHz	TM1.1	2170.0	19.94

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p1	2120.0	20.02
n66	20 MHz	TM3p1	2145.0	19.98
n66	20 MHz	TM3p1	2170.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p1a	2120.0	19.98
n66	20 MHz	TM3p1a	2145.0	20.02
n66	20 MHz	TM3p1a	2170.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p3	2120.0	20.02
n66	20 MHz	TM3p3	2145.0	20.02
n66	20 MHz	TM3p3	2170.0	19.98

**Band n66: Antenna port 2**

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM1.1	2112.5	4.88
n66	5 MHz	TM1.1	2145.0	4.87
n66	5 MHz	TM1.1	2177.5	4.84

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p1	2112.5	4.82
n66	5 MHz	TM3p1	2145.0	4.80
n66	5 MHz	TM3p1	2177.5	4.89

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p1a	2112.5	4.88
n66	5 MHz	TM3p1a	2145.0	4.96
n66	5 MHz	TM3p1a	2177.5	4.83

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	5 MHz	TM3p3	2112.5	4.87
n66	5 MHz	TM3p3	2145.0	4.83
n66	5 MHz	TM3p3	2177.5	4.82

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM1.1	2115.0	10.09
n66	10 MHz	TM1.1	2145.0	10.07
n66	10 MHz	TM1.1	2175.0	10.07

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p1	2115.0	9.97
n66	10 MHz	TM3p1	2145.0	9.97
n66	10 MHz	TM3p1	2175.0	9.97

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p1a	2115.0	10.01
n66	10 MHz	TM3p1a	2145.0	10.05
n66	10 MHz	TM3p1a	2175.0	10.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	10 MHz	TM3p3	2115.0	9.79
n66	10 MHz	TM3p3	2145.0	9.83
n66	10 MHz	TM3p3	2175.0	9.85

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM1.1	2117.5	15.07
n66	15 MHz	TM1.1	2145.0	15.07
n66	15 MHz	TM1.1	2172.5	15.11

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p1	2117.5	15.04
n66	15 MHz	TM3p1	2145.0	15.07
n66	15 MHz	TM3p1	2172.5	15.04

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p1a	2117.5	15.11
n66	15 MHz	TM3p1a	2145.0	15.07
n66	15 MHz	TM3p1a	2172.5	15.13

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p3	2117.5	14.96
n66	15 MHz	TM3p3	2145.0	14.96
n66	15 MHz	TM3p3	2172.5	14.96

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM1.1	2120.0	19.94
n66	20 MHz	TM1.1	2145.0	20.06
n66	20 MHz	TM1.1	2170.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p1	2120.0	20.02
n66	20 MHz	TM3p1	2145.0	20.06
n66	20 MHz	TM3p1	2170.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p1a	2120.0	19.98
n66	20 MHz	TM3p1a	2145.0	19.90
n66	20 MHz	TM3p1a	2170.0	20.02

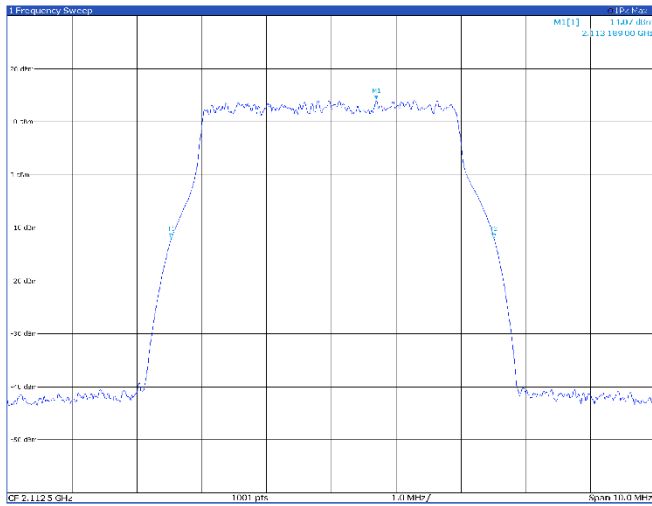
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	20 MHz	TM3p3	2120.0	20.02
n66	20 MHz	TM3p3	2145.0	20.02
n66	20 MHz	TM3p3	2170.0	19.98

Antenna port 1

Band n66

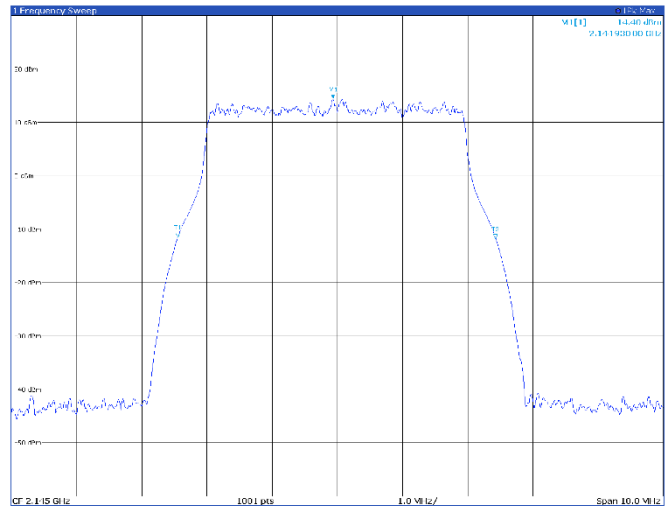
5 MHz

TM1.1, 5 MHz, low channel



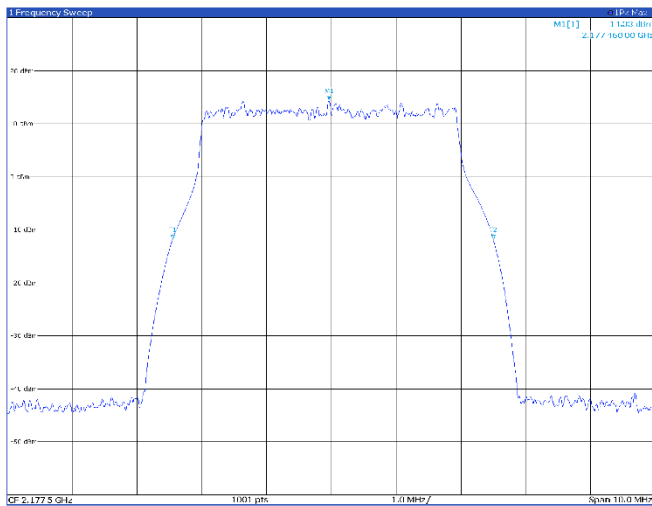
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.113189 GHz	14.07 dBm	n/B	20.0 dB
M2	1	1	2.112500 GHz	-12.02 dBm	n/B down BW	4.97 MHz
M3	1	1	2.113500 GHz	-12.03 dBm	n/B down BW	4.98 MHz

TM1.1, 5 MHz, mid channel



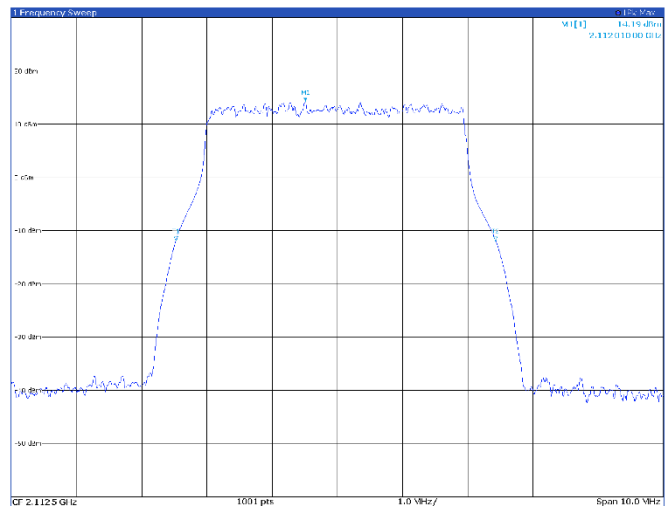
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.114493 GHz	14.40 dBm	n/B	20.0 dB
M2	1	1	2.113500 GHz	-11.50 dBm	n/B down BW	4.88 MHz
M3	1	1	2.114500 GHz	-11.71 dBm	n/B down BW	4.90 MHz

TM1.1, 5 MHz, high channel



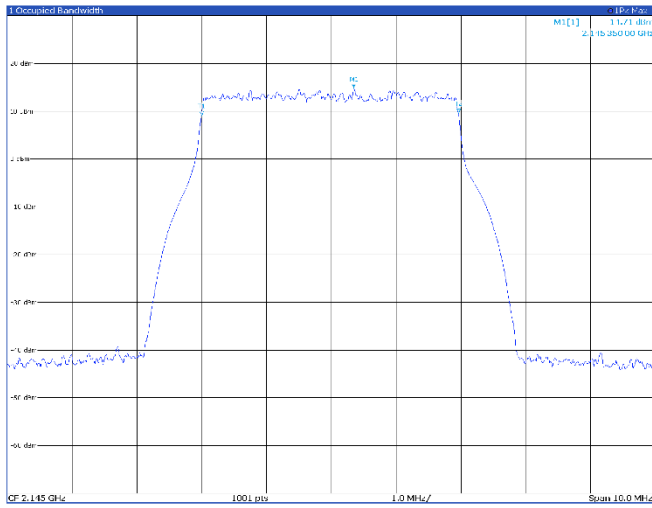
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.117746 GHz	14.33 dBm	n/B	20.0 dB
M2	1	1	2.117000 GHz	-11.93 dBm	n/B down BW	4.95 MHz
M3	1	1	2.117500 GHz	-11.99 dBm	n/B down BW	4.93 MHz

TM3p1, 5 MHz, low channel



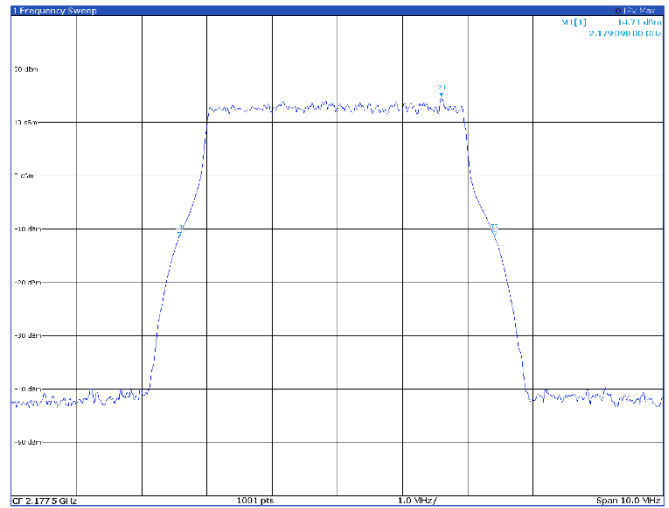
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.112101 GHz	14.19 dBm	n/B	20.0 dB
M2	1	1	2.111000 GHz	-11.96 dBm	n/B down BW	4.91 MHz
M3	1	1	2.113000 GHz	-11.98 dBm	n/B down BW	4.93 MHz

**TM3p1, 5 MHz, mid channel**



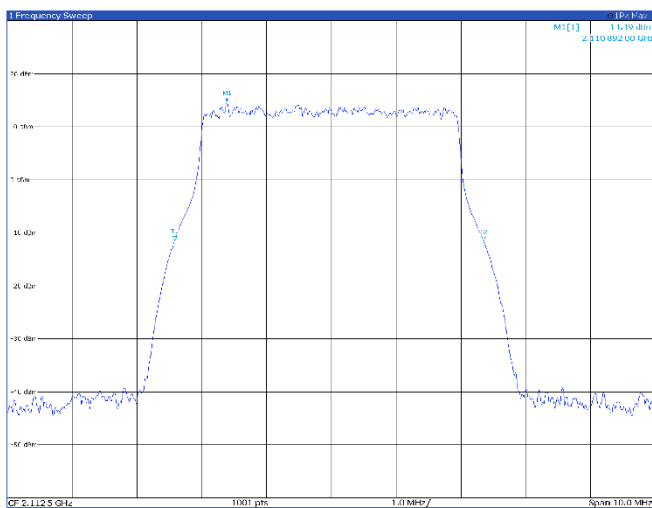
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.14535 GHz	14.71 dBm	Off	3.968155169 MHz
T1	1	1	2.142094 GHz	30.00 dBm	Off	2.144970702 GHz
T2	1	1	2.148605 GHz	4.00 dBm	Off	2.146331298 GHz

**TM3p1, 5 MHz, high channel**



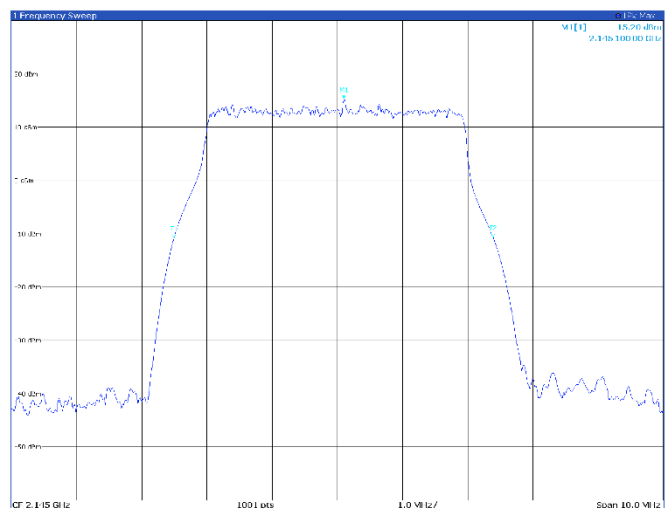
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.179098 GHz	14.71 dBm	Off	4.83 MHz
T1	1	1	2.175070 GHz	11.00 dBm	Off	2.177930702 GHz
T2	1	1	2.179126 GHz	-11.00 dBm	Off	2.179126 GHz

**TM3p1a, 5 MHz, low channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.110592 GHz	14.49 dBm	Off	4.76 MHz
T1	1	1	2.107002 GHz	-11.54 dBm	Off	2.109999999 GHz
T2	1	1	2.114183 GHz	-11.00 dBm	Off	2.114183 GHz

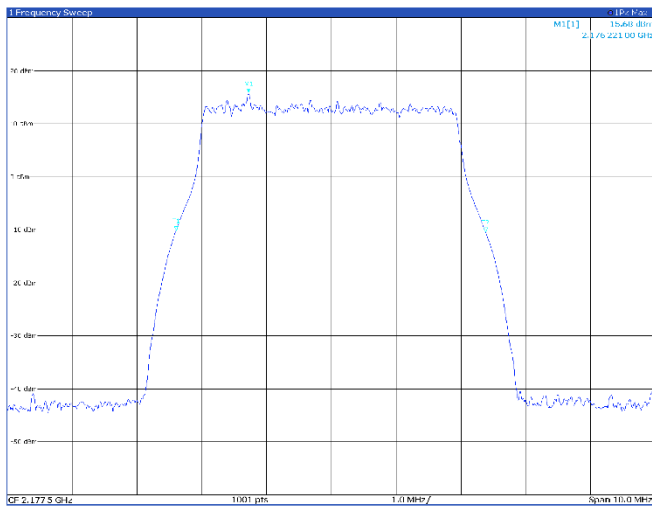
**TM3p1a, 5 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.1451 GHz	15.20 dBm	Off	4.89 MHz
T1	1	1	2.142453 GHz	10.00 dBm	Off	2.144999999 GHz
T2	1	1	2.147350 GHz	-10.71 dBm	Off	2.147350 GHz

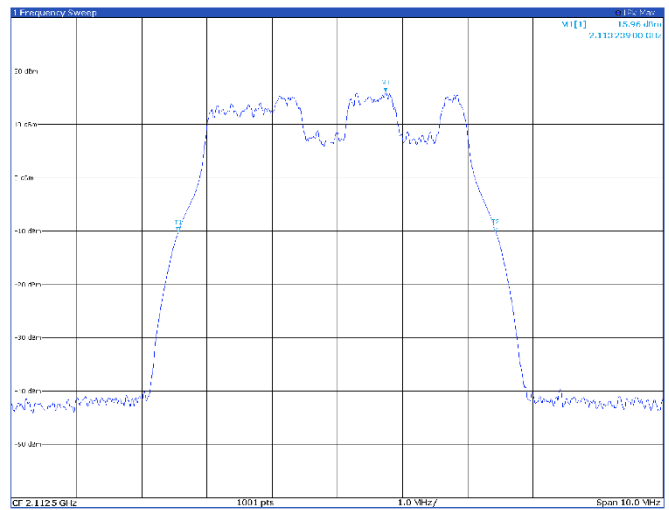


**TM3p1a, 5 MHz, high channel**



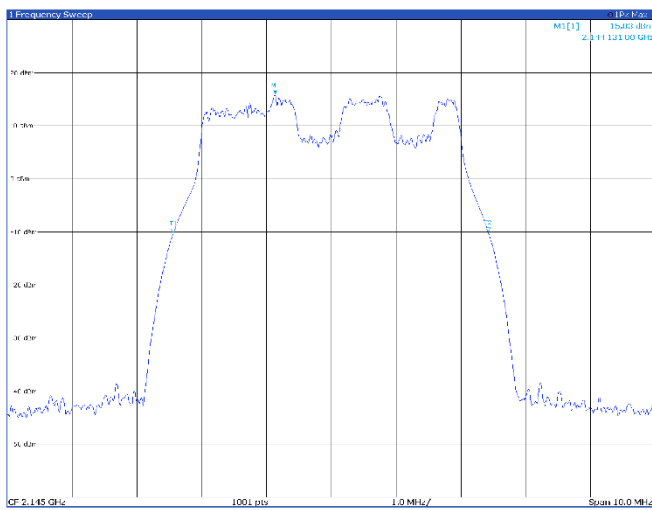
Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	:	2.176 221 GHz	15.68 dBm	n/B	20.0 dB
T1	:	:	2.175 122 GHz	-10.18 dBm	n/B: 20MHz BW	4.78 MHz
T2	:	:	2.177 000 GHz	-10.81 dBm	n/B: 20MHz	48.2%

**TM3p3, 5 MHz, low channel**



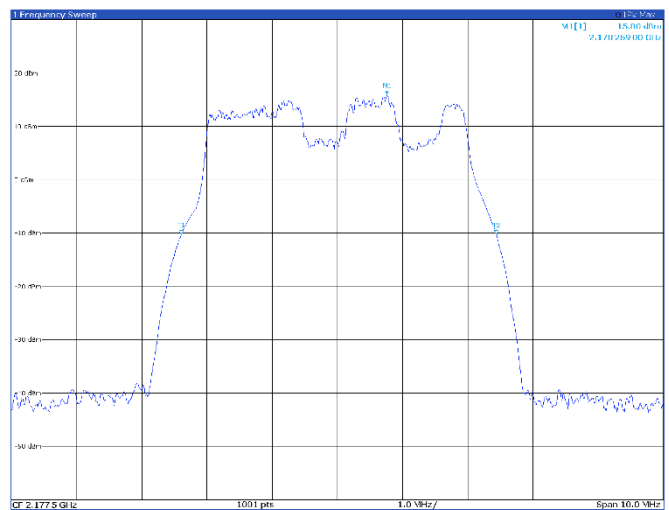
Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	:	2.113 239 GHz	15.96 dBm	n/B	20.0 dB
T1	:	:	2.112 000 GHz	-10.11 dBm	n/B: 20MHz BW	4.87 MHz
T2	:	:	2.114 000 GHz	-10.11 dBm	n/B: 20MHz	48.4%

**TM3p3, 5 MHz, mid channel**



Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	:	2.144 121 GHz	15.82 dBm	n/B	20.0 dB
T1	:	:	2.143 000 GHz	-10.19 dBm	n/B: 20MHz BW	4.86 MHz
T2	:	:	2.145 000 GHz	-10.19 dBm	n/B: 20MHz	48.1%

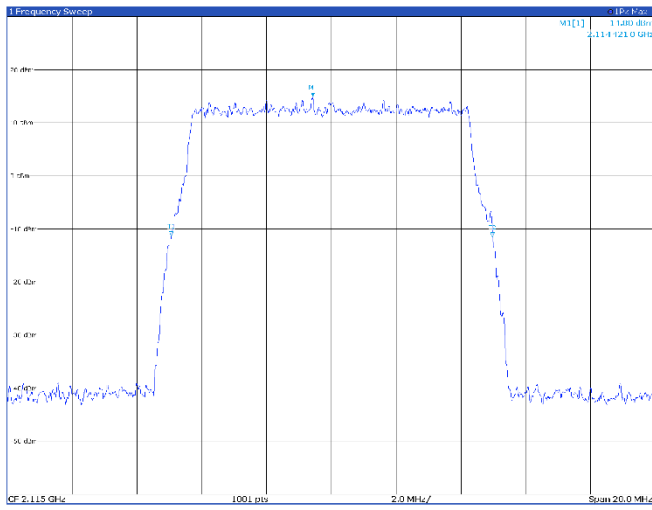
**TM3p3, 5 MHz, high channel**



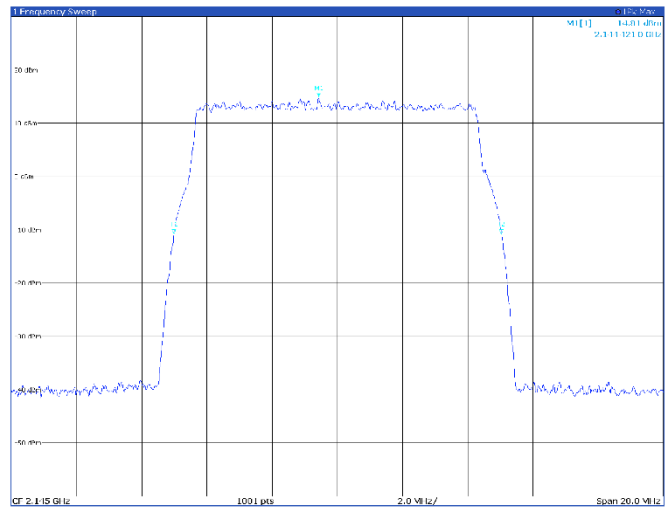
Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	:	2.178 259 GHz	15.80 dBm	n/B	20.0 dB
T1	:	:	2.177 000 GHz	-10.25 dBm	n/B: 20MHz BW	4.83 MHz
T2	:	:	2.179 000 GHz	-10.25 dBm	n/B: 20MHz	48.5%

Band n66

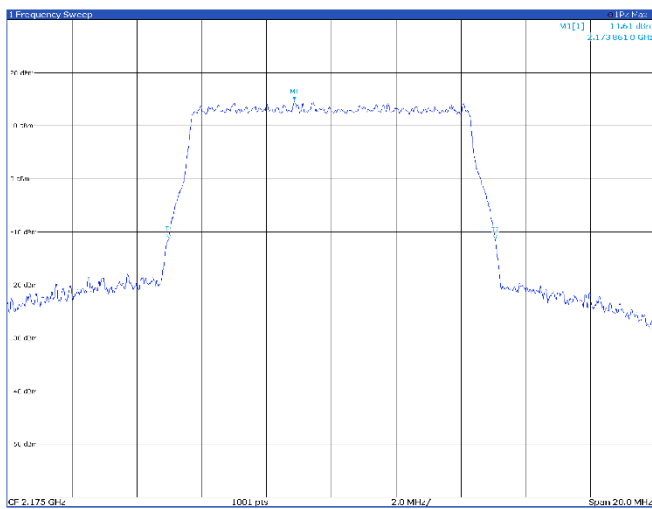
10 MHz

**TM1.1, 10 MHz, low channel**


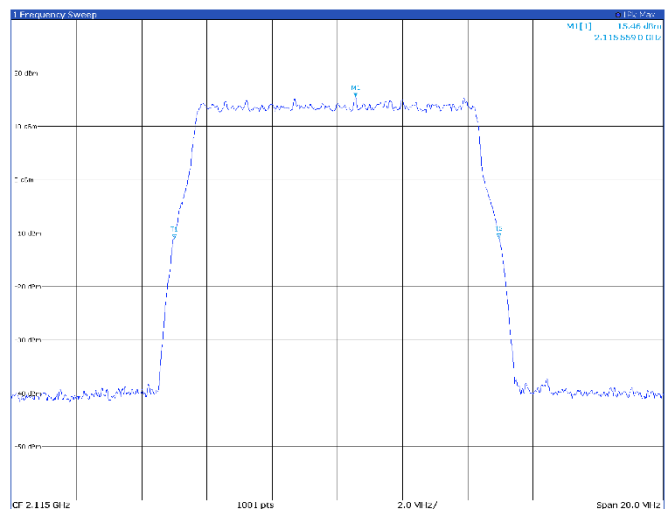
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114421 GHz	14.80 dBm	noP	20.0 dB
M2	1		2.114421 GHz	-1.24 dBm	noD: 20MHz BW	9.91 MHz
M3	1		2.114421 GHz	-1.24 dBm	Q: 20MHz	213.4

**TM1.1, 10 MHz, mid channel**


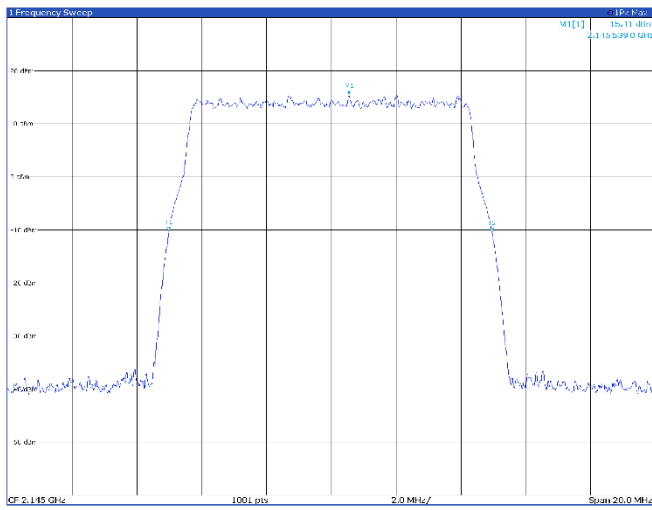
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114421 GHz	14.81 dBm	noP	20.0 dB
M2	1		2.114421 GHz	-1.24 dBm	noD: 20MHz BW	10.05 MHz
M3	1		2.114421 GHz	-1.24 dBm	Q: 20MHz	213.4

**TM1.1, 10 MHz, high channel**


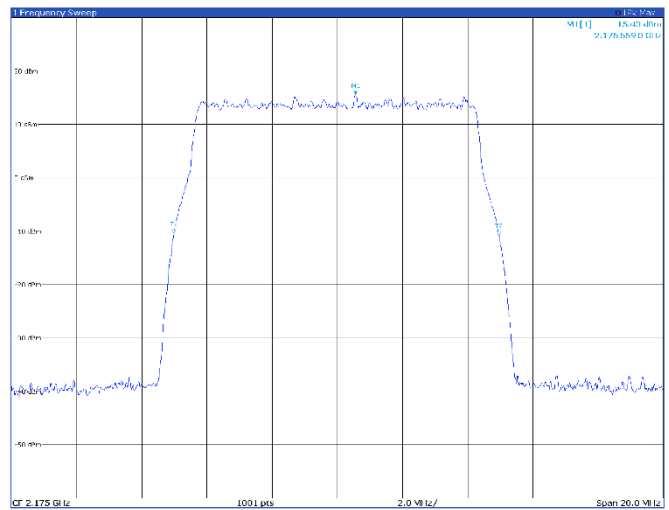
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.173861 GHz	14.61 dBm	noP	20.0 dB
M2	1		2.173861 GHz	-1.24 dBm	noD: 20MHz BW	10.07 MHz
M3	1		2.173861 GHz	-1.24 dBm	Q: 20MHz	213.4

**TM3p1, 10 MHz, low channel**


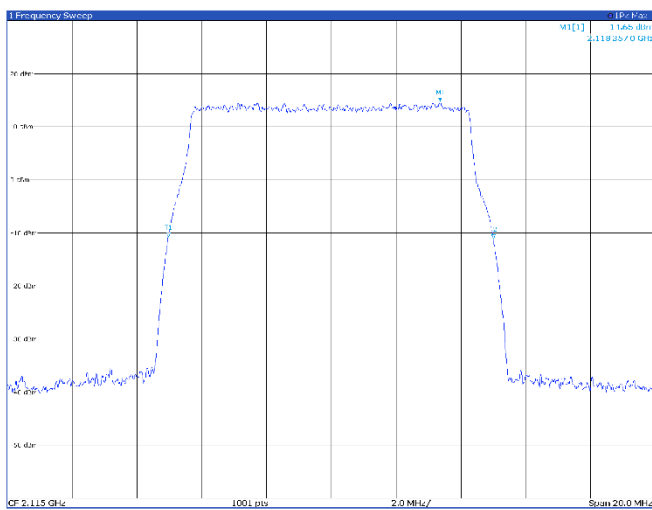
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115559 GHz	15.46 dBm	noP	20.0 dB
M2	1		2.115559 GHz	-11.07 dBm	noD: 20MHz BW	9.95 MHz
M3	1		2.115559 GHz	-11.07 dBm	Q: 20MHz	213.4

**TM3p1, 10 MHz, mid channel**


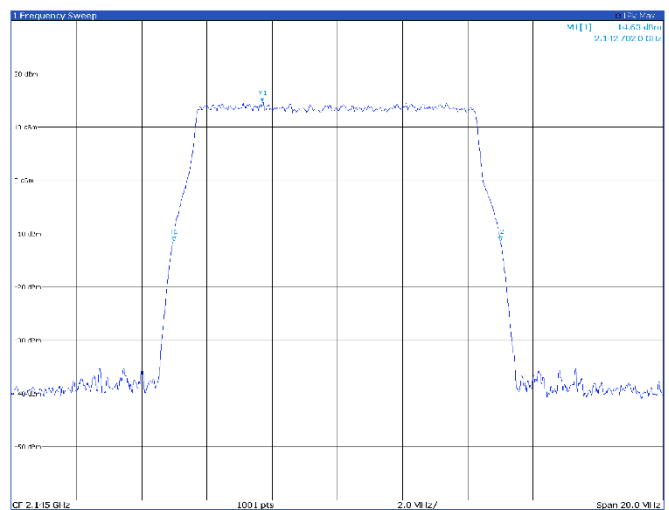
Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.145 539 GHz	15.41 dBm	mP	30.0 dB
F1	:	1	2.145 539 GHz	-10.27 dBm	mB, zoom DW	9.97 MHz
F2	:	1	2.145 539 GHz	-10.27 dBm	Q, marker	21.2

**TM3p1, 10 MHz, high channel**


Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.175 599 GHz	15.43 dBm	mP	30.0 dB
F1	:	1	2.175 599 GHz	-10.52 dBm	mB, zoom DW	9.97 MHz
F2	:	1	2.175 599 GHz	-10.52 dBm	Q, marker	21.2

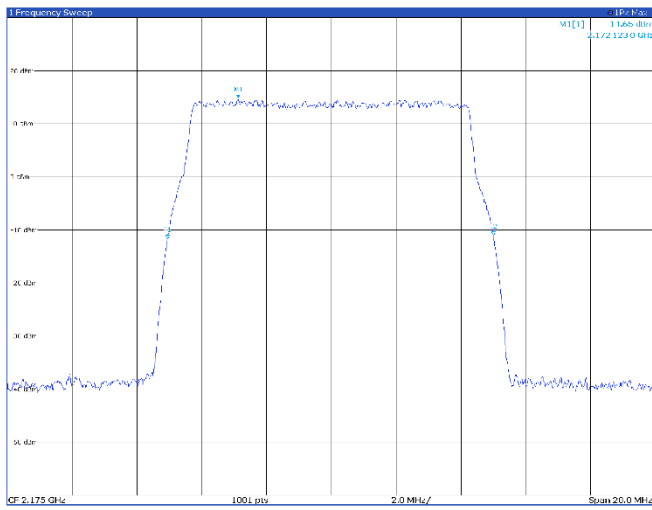
**TM3p1a, 10 MHz, low channel**


Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.118 557 GHz	14.65 dBm	mP	30.0 dB
F1	:	1	2.118 557 GHz	-10.78 dBm	mB, zoom DW	10.03 MHz
F2	:	1	2.118 557 GHz	-10.78 dBm	Q, marker	21.2

**TM3p1a, 10 MHz, mid channel**


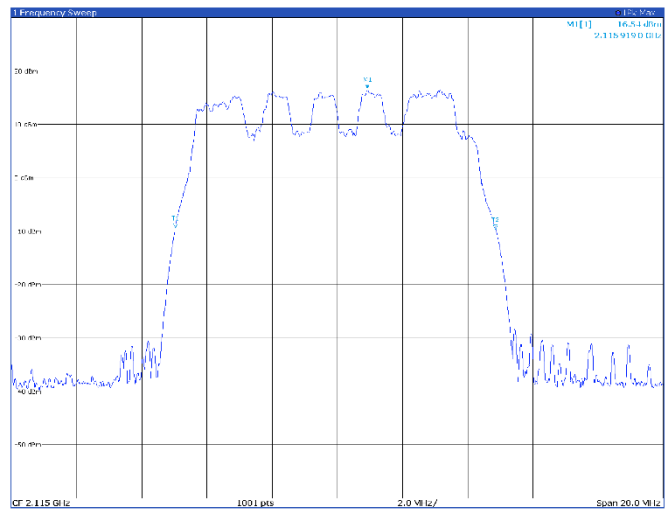
Type	Rel	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.142 702 GHz	14.63 dBm	mP	30.0 dB
F1	:	1	2.142 702 GHz	-11.05 dBm	mB, zoom DW	10.01 MHz
F2	:	1	2.142 702 GHz	-11.05 dBm	Q, marker	21.1

**TM3p1a, 10 MHz, high channel**



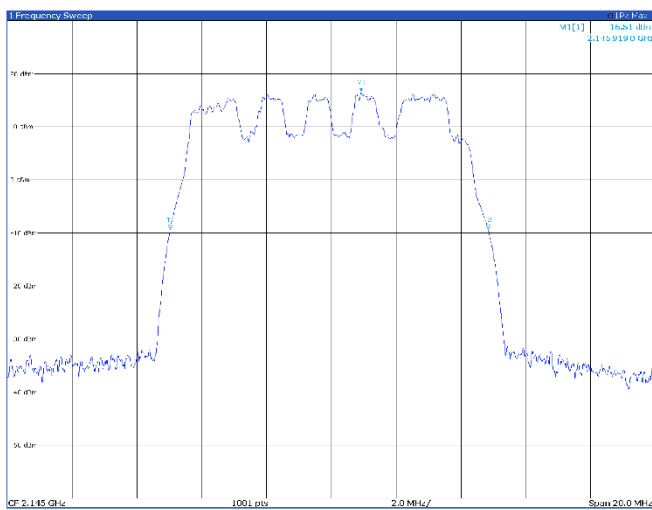
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.172123 GHz	14.05 dBm	nB	20.0 dB
F1	1		2.169249 GHz	-11.00 dBm	nB down BW	10.05 MHz
F2	1		2.174997 GHz	-11.00 dBm	nB down BW	10.05 MHz

**TM3p3, 10 MHz, low channel**



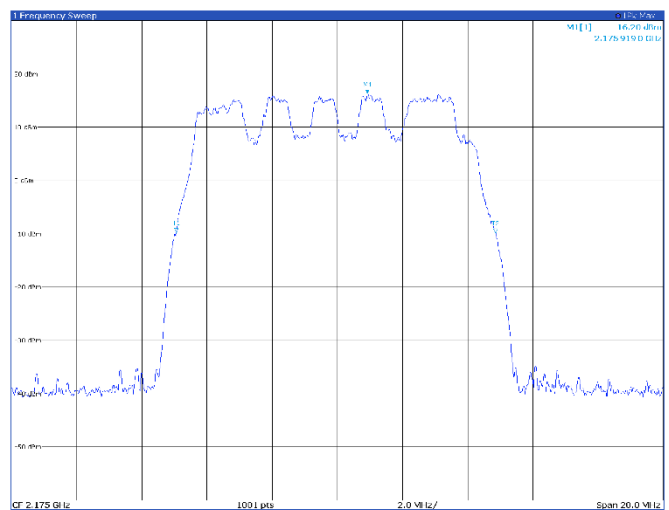
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115919 GHz	16.54 dBm	nB	20.0 dB
F1	1		2.113022 GHz	-9.42 dBm	nB down BW	9.83 MHz
F2	1		2.118815 GHz	-9.42 dBm	nB down BW	9.83 MHz

**TM3p3, 10 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.145919 GHz	16.51 dBm	nB	20.0 dB
F1	1		2.143045 GHz	-9.26 dBm	nB down BW	9.81 MHz
F2	1		2.148809 GHz	-9.26 dBm	nB down BW	9.81 MHz

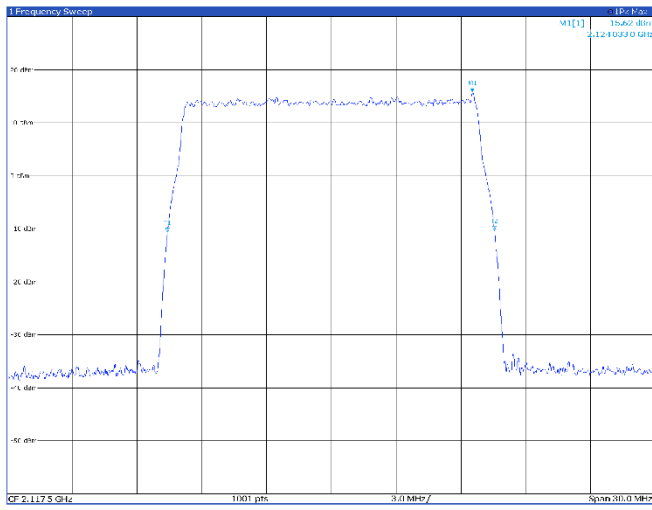
**TM3p3, 10 MHz, high channel**



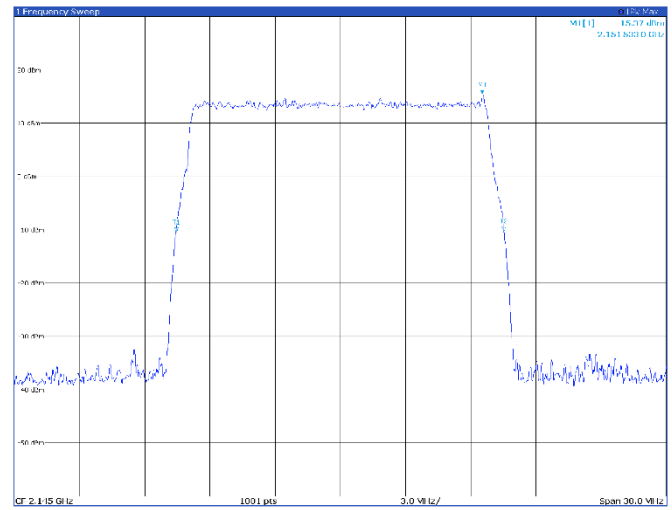
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.175919 GHz	16.20 dBm	nB	20.0 dB
F1	1		2.173055 GHz	-9.74 dBm	nB down BW	9.79 MHz
F2	1		2.178804 GHz	-9.74 dBm	nB down BW	9.79 MHz

Band n66

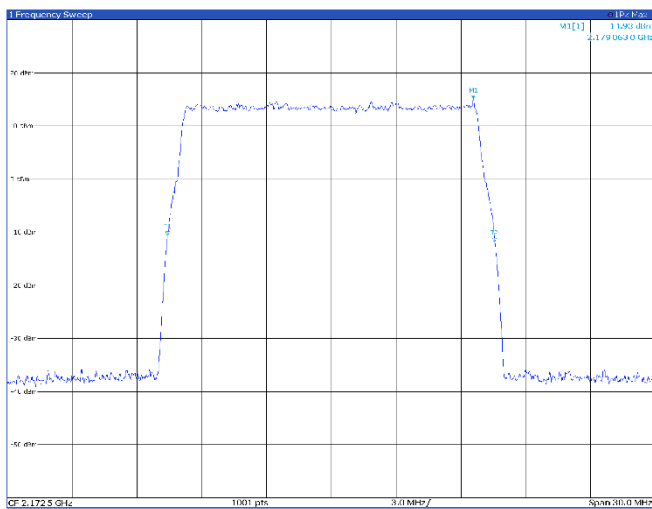
15 MHz

**TM1.1, 15 MHz, low channel**


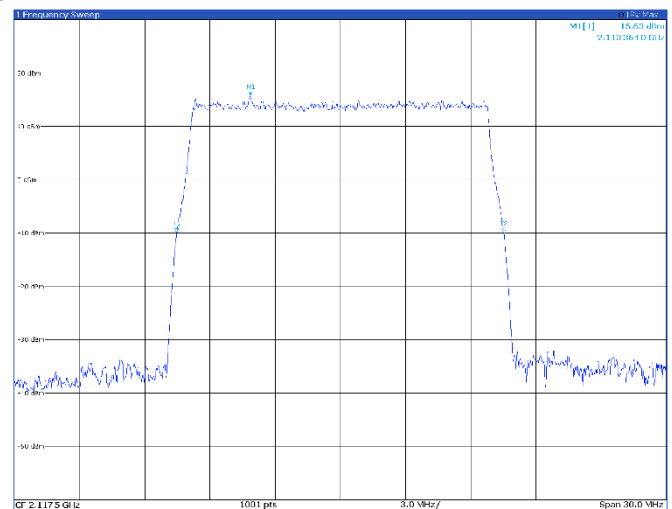
Type	Rel	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.114 033 GHz	15.62 dBm	n/B	20.0 dB	15.13 MHz
M2	1		2.116 919 GHz	-10.97 dBm	n/B	noD: down DW	
M3	1		2.119 063 GHz	0.49 dBm	n/B	Q: after	

**TM1.1, 15 MHz, mid channel**


Type	Rel	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.115 533 GHz	15.37 dBm	n/B	20.0 dB	15.07 MHz
M2	1		2.117 419 GHz	-10.97 dBm	n/B	noD: down DW	
M3	1		2.119 563 GHz	0.49 dBm	n/B	Q: after	

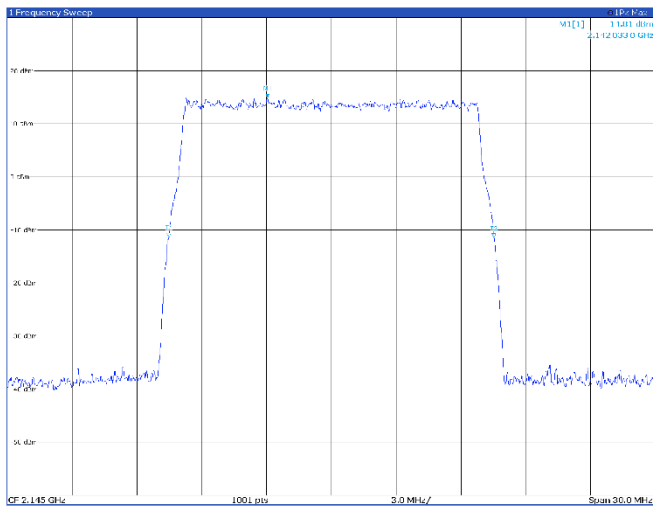
**TM1.1, 15 MHz, high channel**


Type	Rel	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.119 063 GHz	14.93 dBm	n/B	20.0 dB	15.13 MHz
M2	1		2.116 919 GHz	-10.97 dBm	n/B	noD: down DW	
M3	1		2.114 033 GHz	0.49 dBm	n/B	Q: after	

**TM3p1, 15 MHz, low channel**


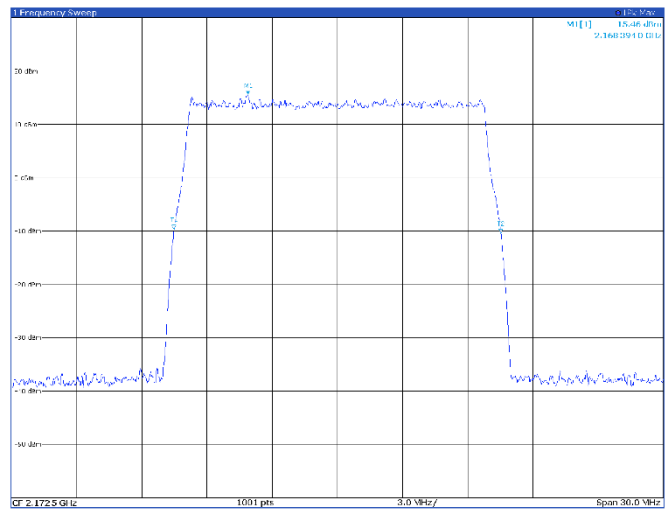
Type	Rel	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.113 264 GHz	15.63 dBm	n/B	20.0 dB	15.04 MHz
M2	1		2.115 979 GHz	-10.97 dBm	n/B	noD: down DW	
M3	1		2.118 693 GHz	0.49 dBm	n/B	Q: after	

TM3p1, 15 MHz, mid channel



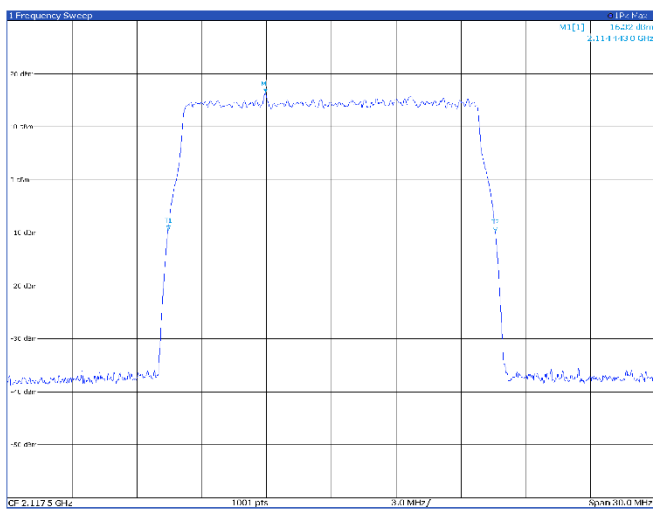
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.142033 GHz	14.81 dBm	mP	20.0 dB
F1	:	1	2.142033 GHz	-11.27 dBm	mD: span DW	15.04 MHz
F2	:	1	2.142033 GHz	-1.29 dBm	C: actor	27.4

TM3p1, 15 MHz, high channel



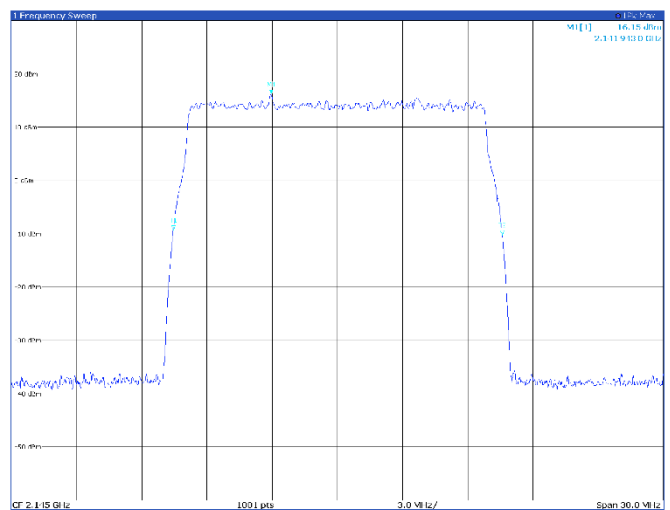
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.168394 GHz	15.46 dBm	mP	20.0 dB
F1	:	1	2.168394 GHz	-9.71 dBm	mD: span DW	15.04 MHz
F2	:	1	2.168394 GHz	-11.47 dBm	C: actor	14.1

TM3p1a, 15 MHz, low channel

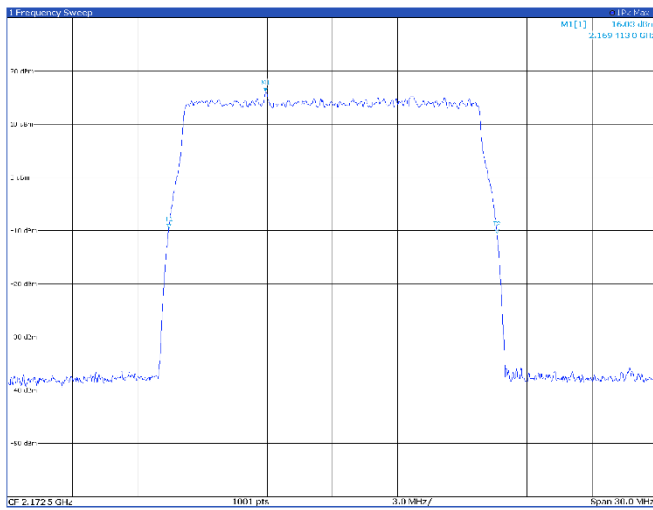


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.114443 GHz	16.32 dBm	mP	20.0 dB
F1	:	1	2.114443 GHz	-9.56 dBm	mD: span DW	15.13 MHz
F2	:	1	2.114443 GHz	-9.27 dBm	C: actor	14.2

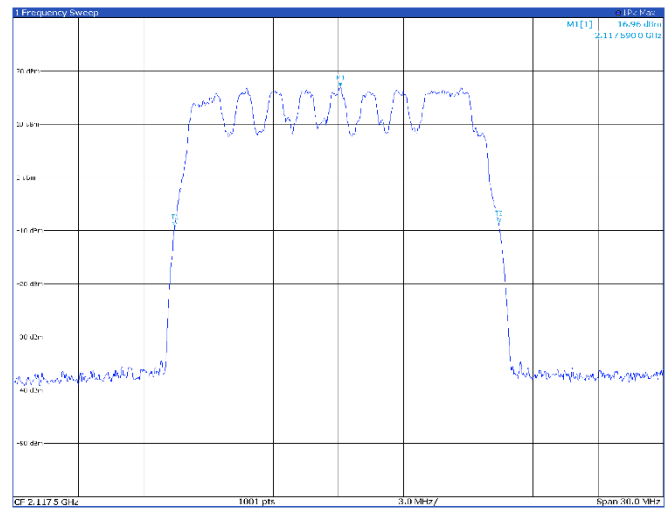
TM3p1a, 15 MHz, mid channel



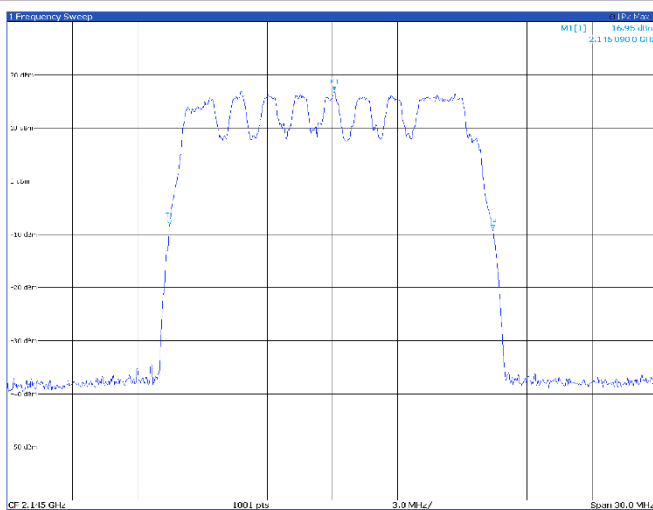
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.141943 GHz	16.15 dBm	mP	20.0 dB
F1	:	1	2.141943 GHz	-9.25 dBm	mD: span DW	15.13 MHz
F2	:	1	2.141943 GHz	-11.11 dBm	C: actor	14.1

**TM3p1a, 15 MHz, high channel**


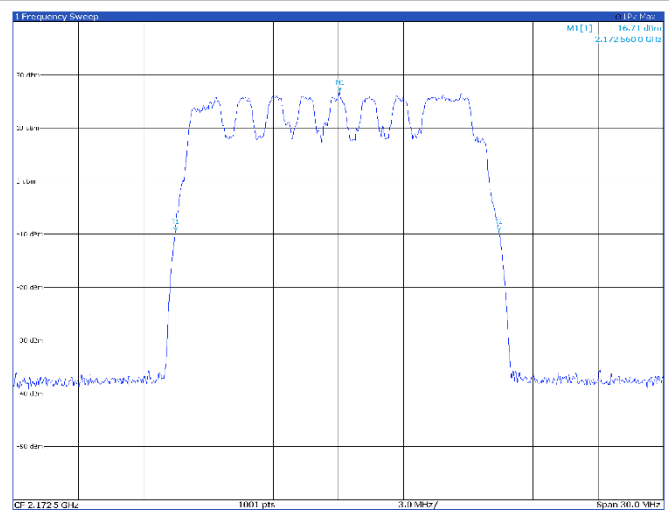
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	<b>2.169413 GHz</b>	<b>16.03 dBm</b>	n/B	25.0 dB
M2	1	1	2.174960 GHz	-9.59 dBm	n/D: 20000 ENV	<b>15.13 MHz</b>
M3	1	1	2.169362 GHz	-9.59 dBm	G: 20000	14.1

**TM3p3, 15 MHz, low channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	<b>2.11759 GHz</b>	<b>16.96 dBm</b>	n/B	25.0 dB
M2	1	1	2.119960 GHz	-9.21 dBm	n/D: 20000 ENV	<b>14.96 MHz</b>
M3	1	1	2.117491 GHz	-9.21 dBm	G: 20000	14.1

**TM3p3, 15 MHz, mid channel**


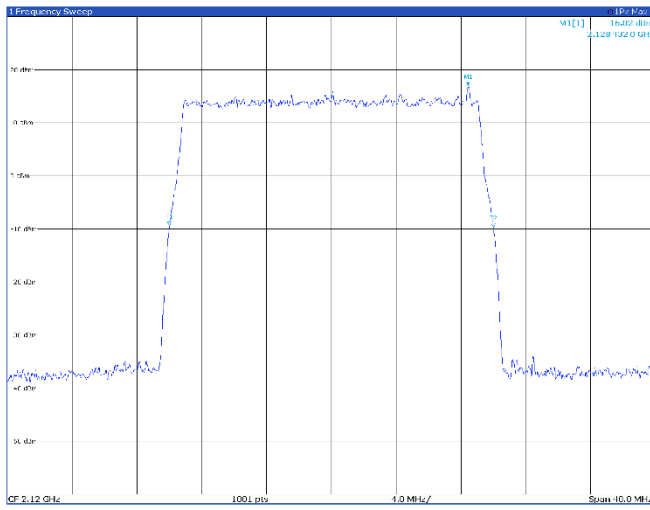
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	<b>2.14509 GHz</b>	<b>16.95 dBm</b>	n/B	25.0 dB
M2	1	1	2.147470 GHz	-9.21 dBm	n/D: 20000 ENV	<b>14.93 MHz</b>
M3	1	1	2.145011 GHz	-9.21 dBm	G: 20000	14.1

**TM3p3, 15 MHz, high channel**


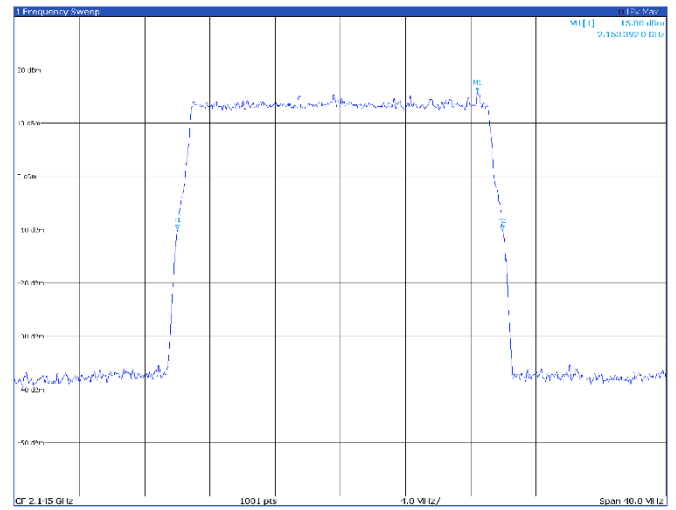
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	<b>2.17256 GHz</b>	<b>16.71 dBm</b>	n/B	25.0 dB
M2	1	1	2.174970 GHz	-9.41 dBm	n/D: 20000 ENV	<b>14.93 MHz</b>
M3	1	1	2.172491 GHz	-9.41 dBm	G: 20000	14.1

Band n66

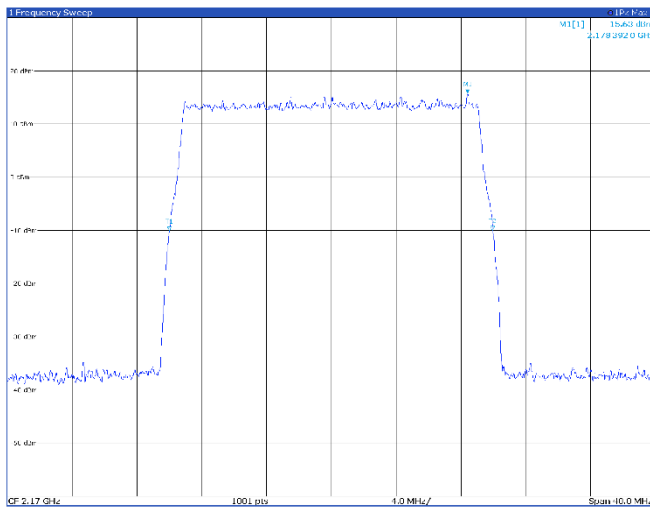
20 MHz

**TM1.1, 20 MHz, low channel**


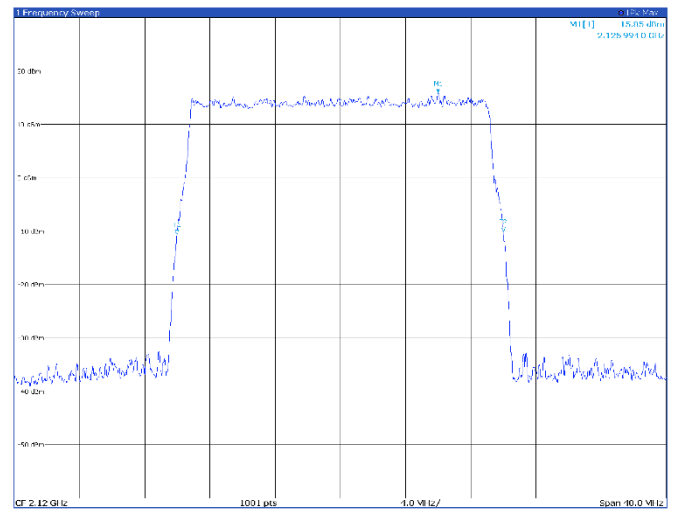
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.128432 GHz	16.82 dBm	nB	20.0 dB
M1	:	1	2.128432 GHz	-10.43 dBm	nB down BW	19.98 MHz
M1	:	1	2.128432 GHz	9.39 dBm	Q-factor	108.0

**TM1.1, 20 MHz, mid channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.153392 GHz	15.80 dBm	nB	20.0 dB
M1	:	1	2.153392 GHz	-9.96 dBm	nB down BW	19.94 MHz
M1	:	1	2.153392 GHz	10.84 dBm	Q-factor	108.0

**TM1.1, 20 MHz, high channel**


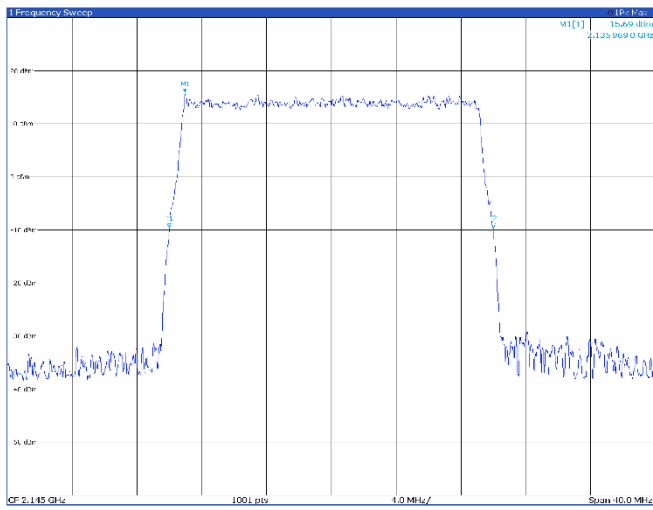
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.178392 GHz	15.63 dBm	nB	20.0 dB
M1	:	1	2.178392 GHz	-10.43 dBm	nB down BW	19.94 MHz
M1	:	1	2.178392 GHz	9.39 dBm	Q-factor	108.0

**TM3p1, 20 MHz, low channel**


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	:	1	2.125994 GHz	15.85 dBm	nB	20.0 dB
M1	:	1	2.125994 GHz	-10.27 dBm	nB down BW	20.02 MHz
M1	:	1	2.125994 GHz	-10.84 dBm	Q-factor	108.0

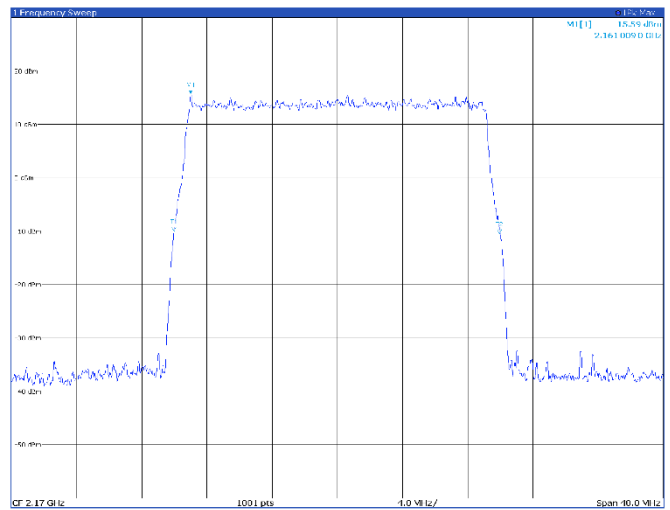


**TM3p1, 20 MHz, mid channel**



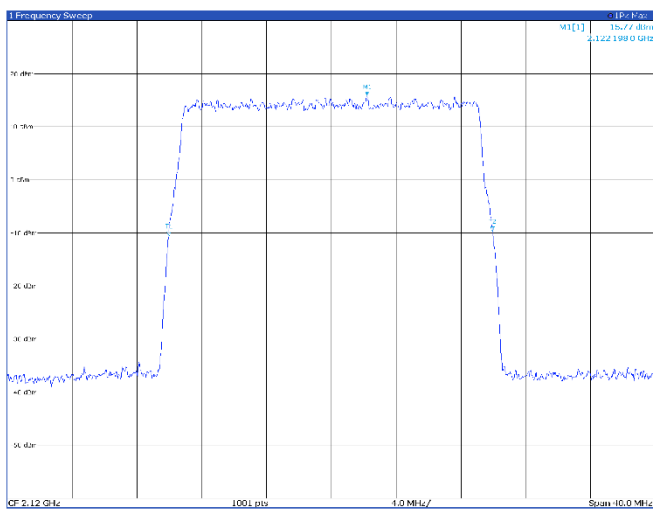
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.135969 GHz	15.69 dBm	nB	20 dB	19.98 MHz
T1	1		2.12514 GHz	-10.01 dBm	nB	span BW	19.98 MHz
T2	1		2.14680 GHz	-10.01 dBm	nB	span BW	19.98 MHz

**TM3p1, 20 MHz, high channel**



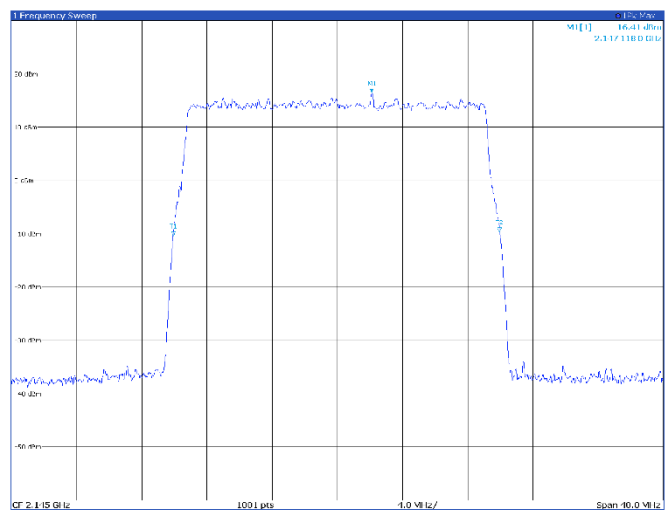
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.161009 GHz	15.59 dBm	nB	20 dB	19.98 MHz
T1	1		2.15027 GHz	-10.01 dBm	nB	span BW	19.98 MHz
T2	1		2.17175 GHz	-10.01 dBm	nB	span BW	19.98 MHz

**TM3p1a, 20 MHz, low channel**



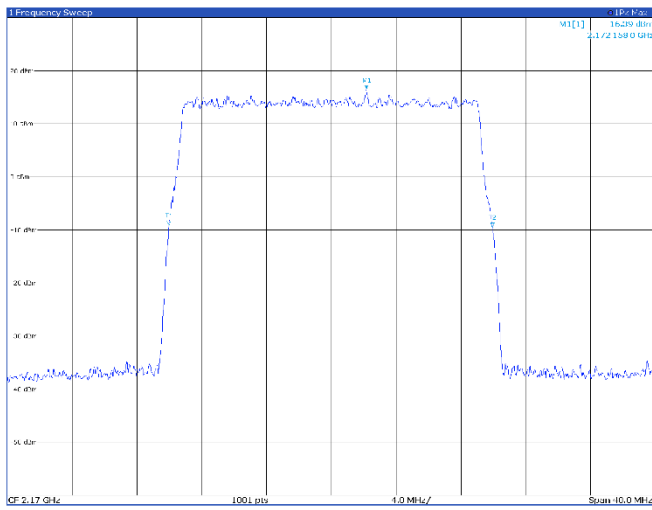
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.122198 GHz	15.77 dBm	nB	20 dB	19.98 MHz
T1	1		2.11137 GHz	-10.01 dBm	nB	span BW	19.98 MHz
T2	1		2.13303 GHz	-10.01 dBm	nB	span BW	19.98 MHz

**TM3p1a, 20 MHz, mid channel**



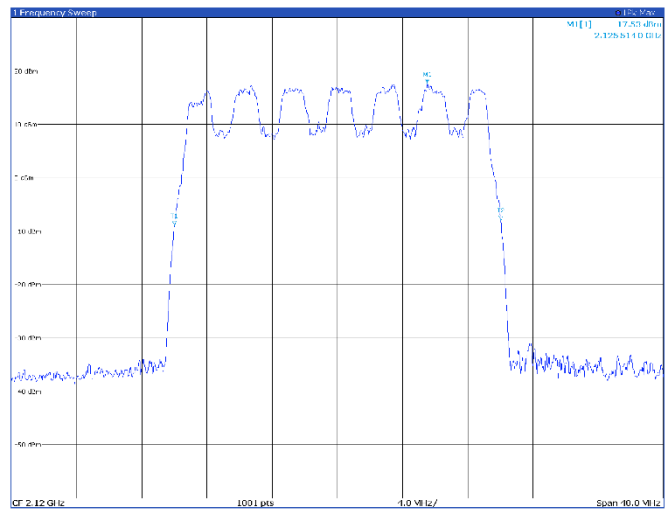
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.147118 GHz	16.41 dBm	nB	20 dB	20.02 MHz
T1	1		2.13639 GHz	-10.01 dBm	nB	span BW	20.02 MHz
T2	1		2.15785 GHz	-10.01 dBm	nB	span BW	20.02 MHz

**TM3p1a, 20 MHz, high channel**



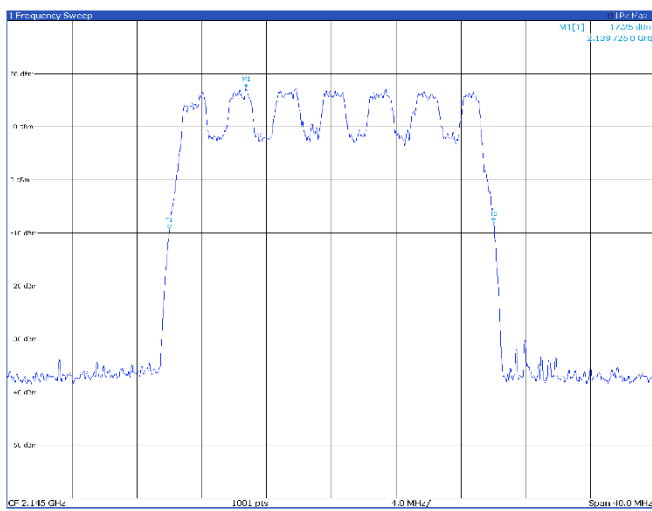
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.172158 GHz	16.39 dBm	nB	20.0 dB
F1	1	1	2.1707 GHz	-40.11 dBm	nB down BW	19.98 MHz
F2	1	1	2.1725 GHz	-40.22 dBm	nB	19.97

**TM3p3, 20 MHz, low channel**



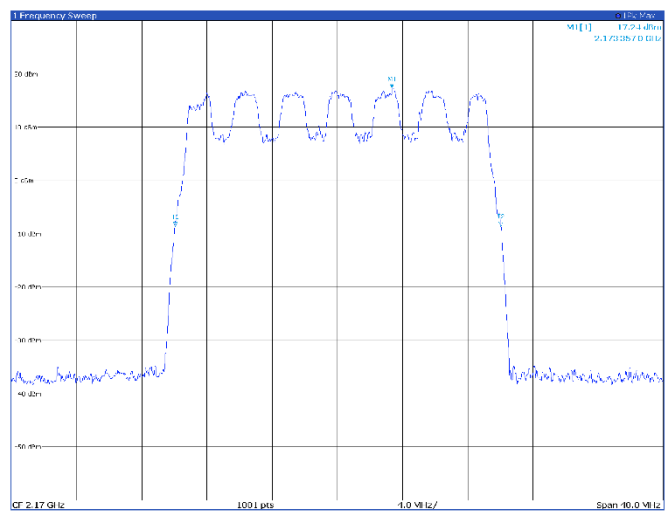
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.125514 GHz	17.53 dBm	nB	20.0 dB
F1	1	1	2.1231 GHz	-40.54 dBm	nB down BW	20.02 MHz
F2	1	1	2.1279 GHz	-40.57 dBm	nB	19.97

**TM3p3, 20 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.149725 GHz	17.25 dBm	nB	20.0 dB
F1	1	1	2.1473 GHz	-40.64 dBm	nB down BW	20.02 MHz
F2	1	1	2.1520 GHz	-40.18 dBm	nB	19.97

**TM3p3, 20 MHz, high channel**



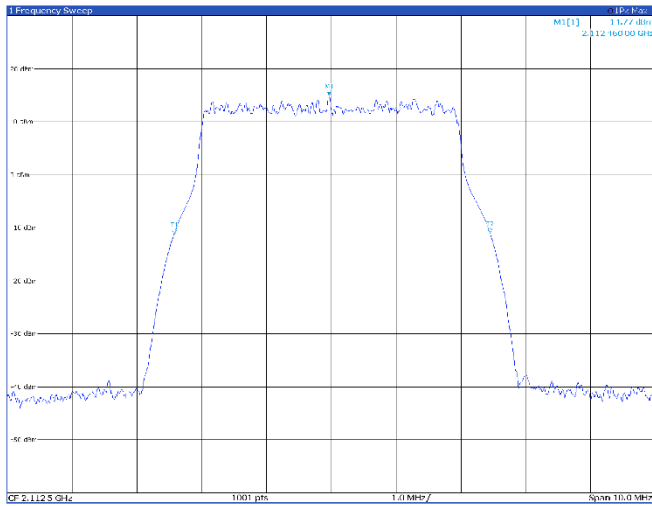
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.173357 GHz	17.24 dBm	nB	20.0 dB
F1	1	1	2.1715 GHz	-40.62 dBm	nB down BW	19.98 MHz
F2	1	1	2.1752 GHz	-40.55 dBm	nB	19.97

Antenna port 2

Band n66

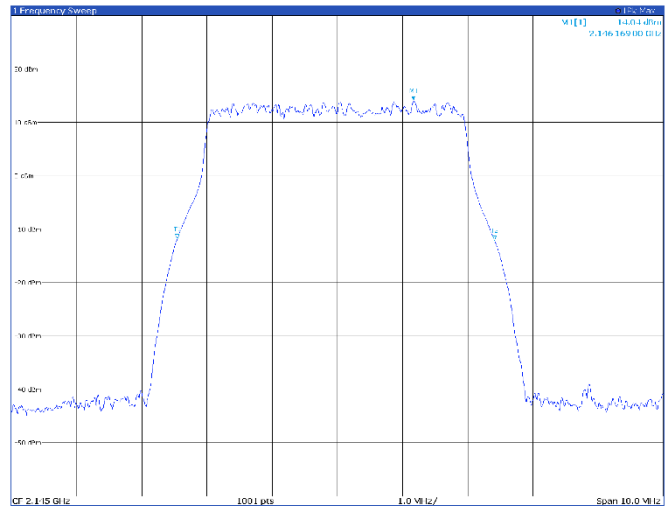
5 MHz

TM1.1, 5 MHz, low channel



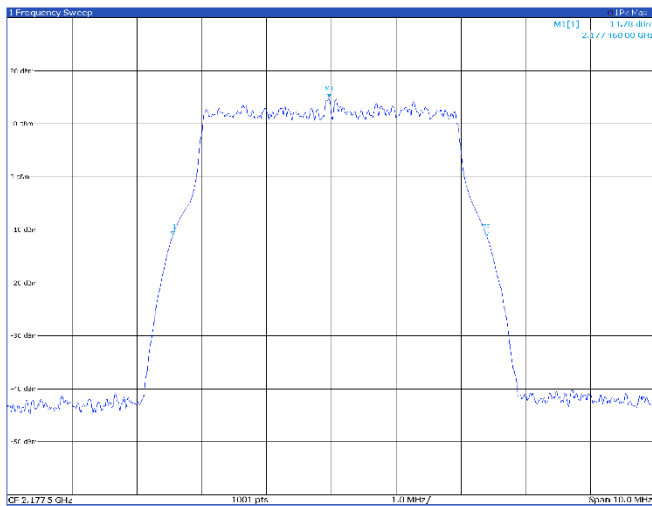
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.11246 GHz	14.77 dBm	n/B	20.9 dB
T1	1		2.112072 GHz	-11.27 dBm	n/B down BW	4.88 MHz
T2	1		2.112838 GHz	-11.10 dBm	Q-Factor	433.2

TM1.1, 5 MHz, mid channel



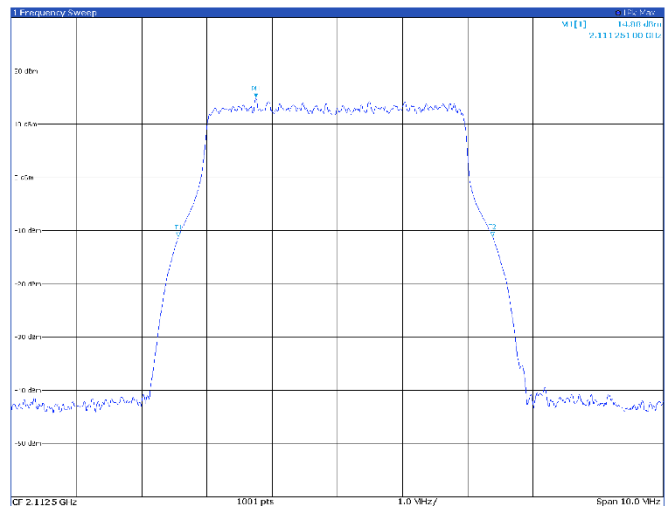
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.11499 GHz	14.04 dBm	n/B	20.9 dB
T1	1		2.114502 GHz	-11.81 dBm	n/B down BW	4.87 MHz
T2	1		2.115478 GHz	-12.07 dBm	Q-Factor	411.1

TM1.1, 5 MHz, high channel



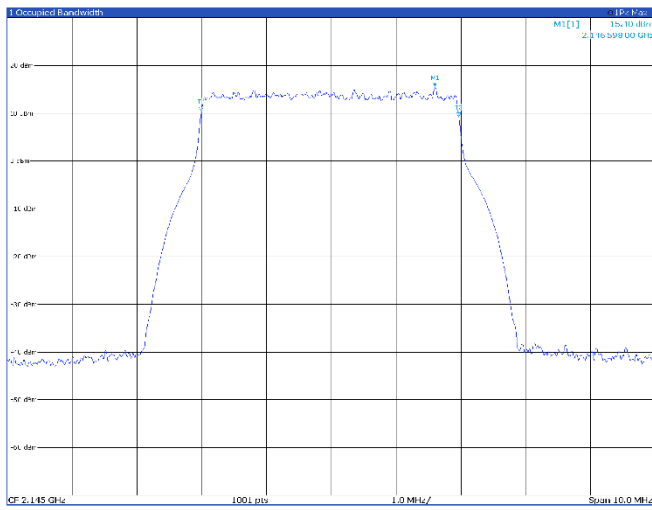
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.17746 GHz	14.78 dBm	n/B	20.9 dB
T1	1		2.176902 GHz	-11.16 dBm	n/B down BW	4.84 MHz
T2	1		2.178018 GHz	-11.28 dBm	Q-Factor	469.6

TM3p1, 5 MHz, low channel

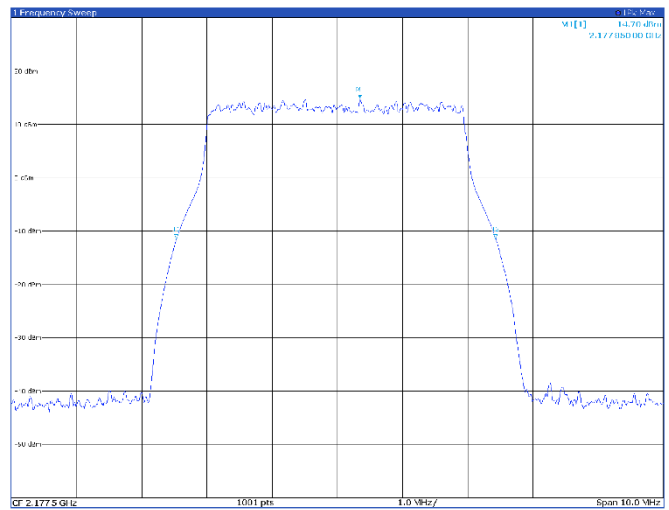


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.111251 GHz	14.88 dBm	n/B	20.9 dB
T1	1		2.110702 GHz	-11.12 dBm	n/B down BW	4.82 MHz
T2	1		2.111801 GHz	-11.06 dBm	Q-Factor	411.5

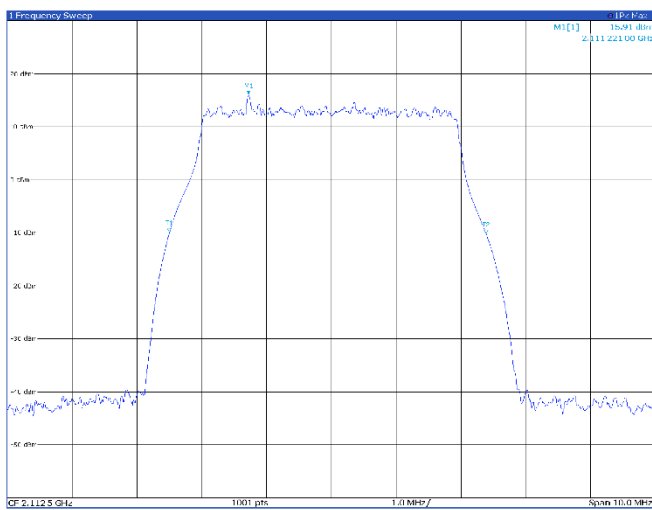
**TM3p1, 5 MHz, mid channel**



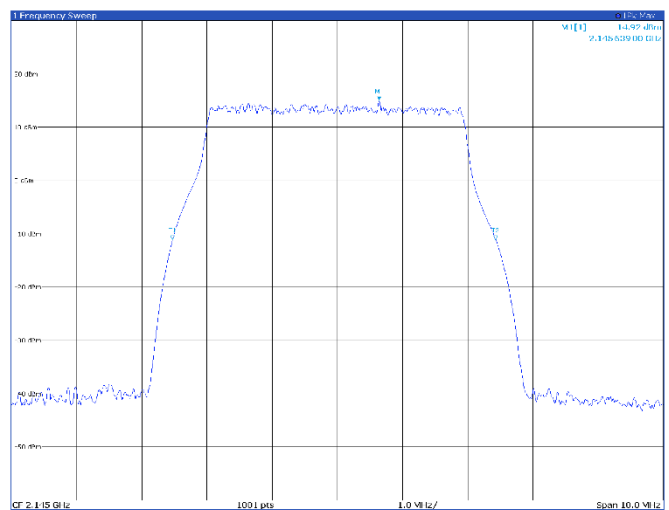
**TM3p1, 5 MHz, high channel**



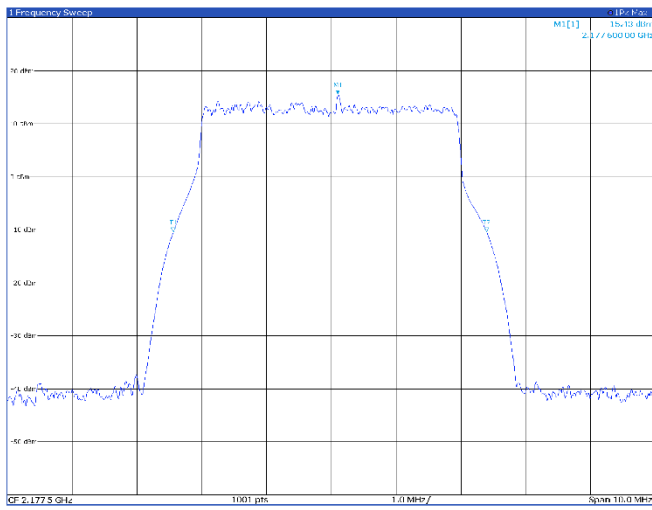
**TM3p1a, 5 MHz, low channel**



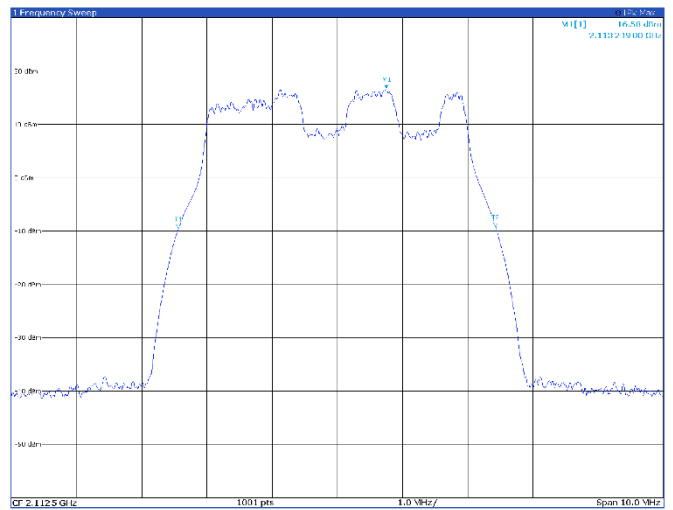
**TM3p1a, 5 MHz, mid channel**



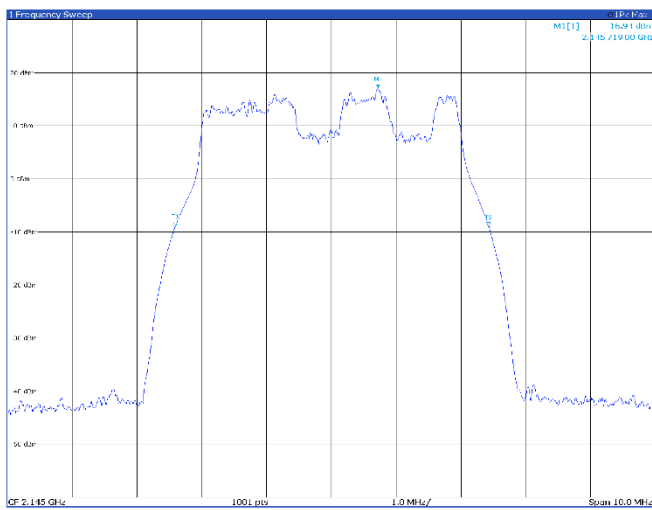
**TM3p1a, 5 MHz, high channel**



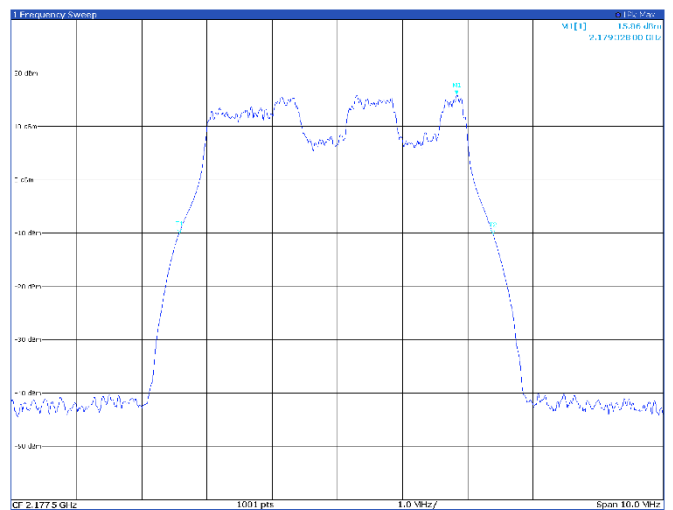
**TM3p3, 5 MHz, low channel**



**TM3p3, 5 MHz, mid channel**



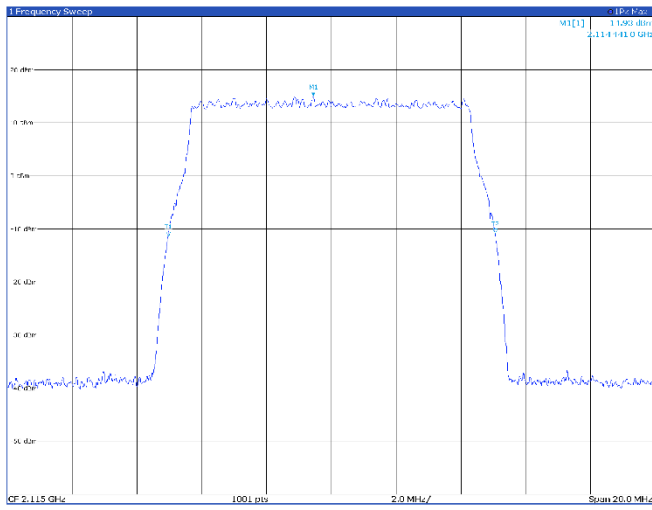
**TM3p3, 5 MHz, high channel**



Band n66

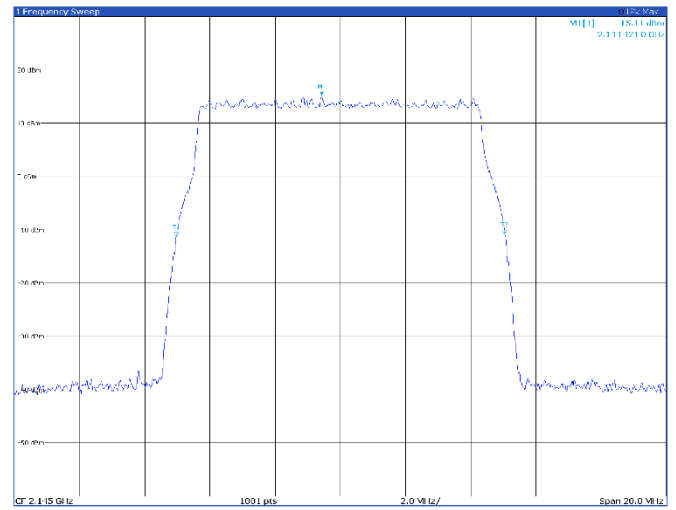
10 MHz

TM1.1, 10 MHz, low channel



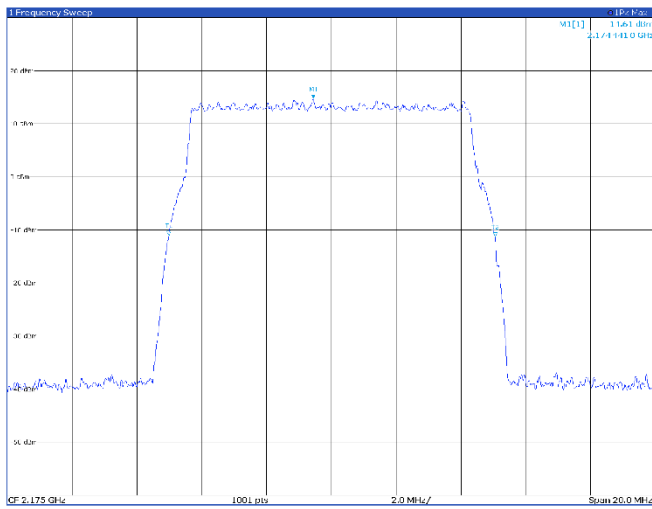
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	:	1	2.114441 GHz	14.93 dBm	n/B	20.0 dB	10.09 MHz
T1	:	1	2.114441 GHz	-1.35 dBm	n/B	span BW	
T2	:	1	2.114441 GHz	-1.19 dBm	n/B	Q-factor	

TM1.1, 10 MHz, mid channel



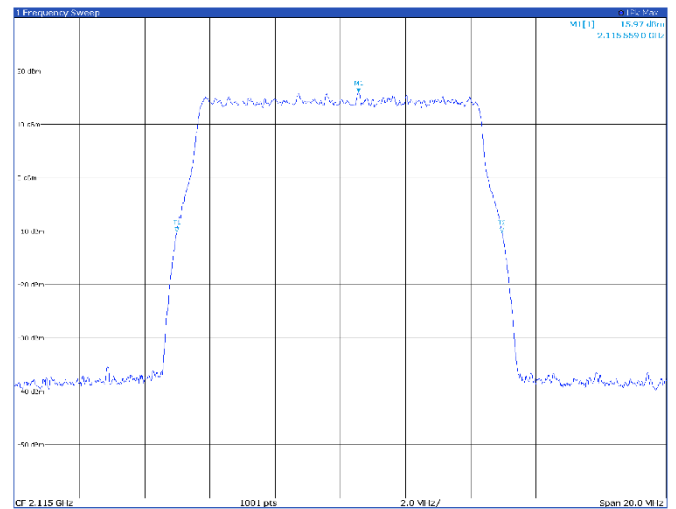
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	:	1	2.114421 GHz	15.11 dBm	n/B	20.0 dB	10.07 MHz
T1	:	1	2.114421 GHz	-1.25 dBm	n/B	span BW	
T2	:	1	2.114421 GHz	-1.05 dBm	n/B	Q-factor	

TM1.1, 10 MHz, high channel



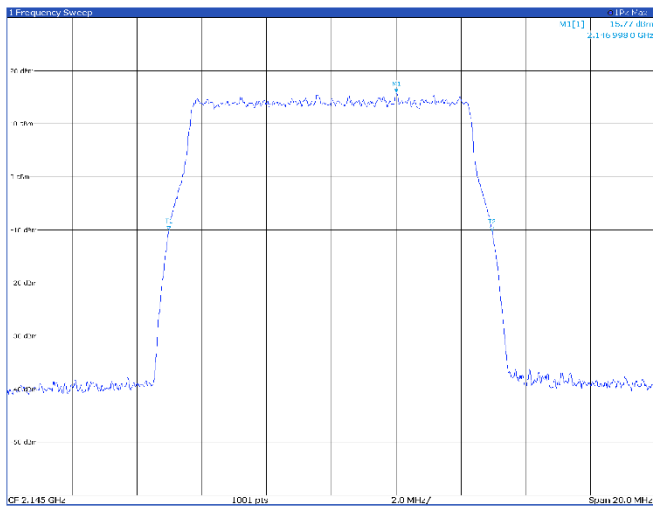
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	:	1	2.114441 GHz	14.61 dBm	n/B	20.0 dB	10.07 MHz
T1	:	1	2.114441 GHz	-1.24 dBm	n/B	span BW	
T2	:	1	2.114441 GHz	-1.13 dBm	n/B	Q-factor	

TM3p1, 10 MHz, low channel



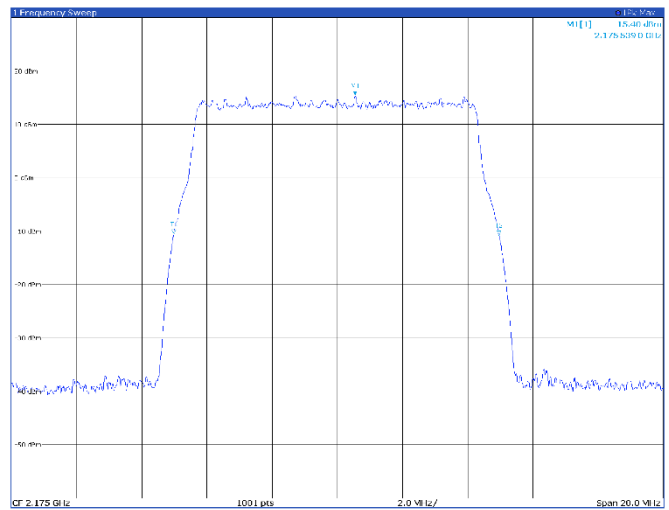
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	:	1	2.115559 GHz	15.97 dBm	n/B	20.0 dB	9.97 MHz
T1	:	1	2.115559 GHz	-1.02 dBm	n/B	span BW	
T2	:	1	2.115559 GHz	-1.02 dBm	n/B	Q-factor	

**TM3p1, 10 MHz, mid channel**



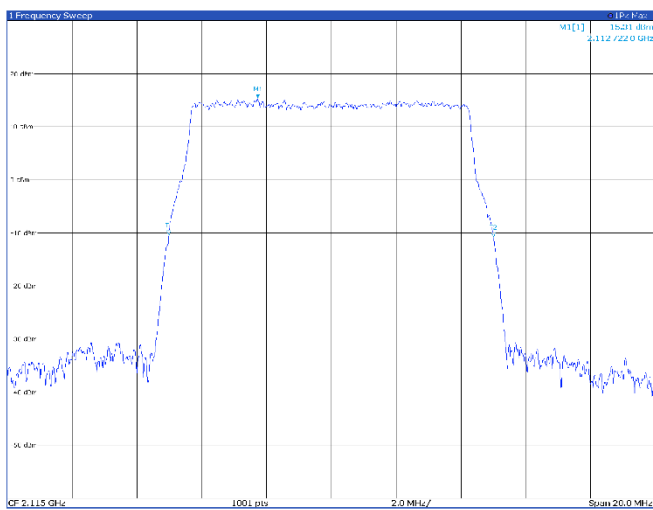
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.146 998 GHz	15.77 dBm	nB	20.0 dB
F1	1		2.125 929 GHz	-10.1 dBm	nB down BW	9.97 MHz
F2	1		2.163 967 GHz	0.1 dBm	nB	21.3

**TM3p1, 10 MHz, high channel**



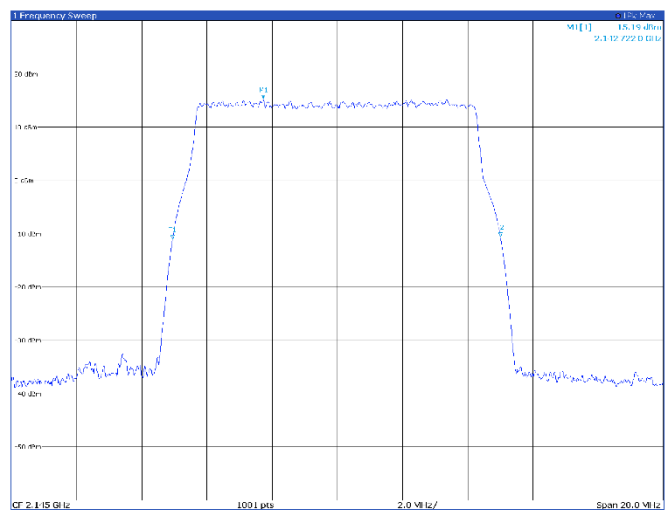
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.175 539 GHz	15.40 dBm	nB	20.0 dB
F1	1		2.162 912 GHz	-10.1 dBm	nB down BW	9.97 MHz
F2	1		2.187 953 GHz	-10.1 dBm	nB	21.3

**TM3p1a, 10 MHz, low channel**



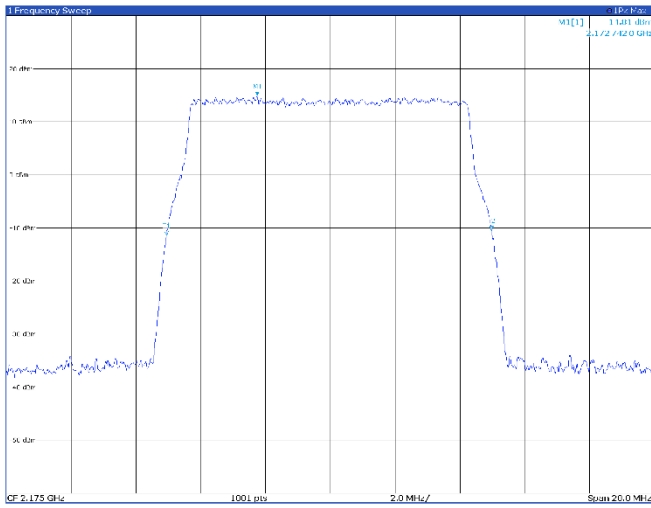
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112 722 GHz	15.31 dBm	nB	20.0 dB
F1	1		2.102 929 GHz	-10.1 dBm	nB down BW	10.01 MHz
F2	1		2.122 925 GHz	0.1 dBm	nB	21.3

**TM3p1a, 10 MHz, mid channel**



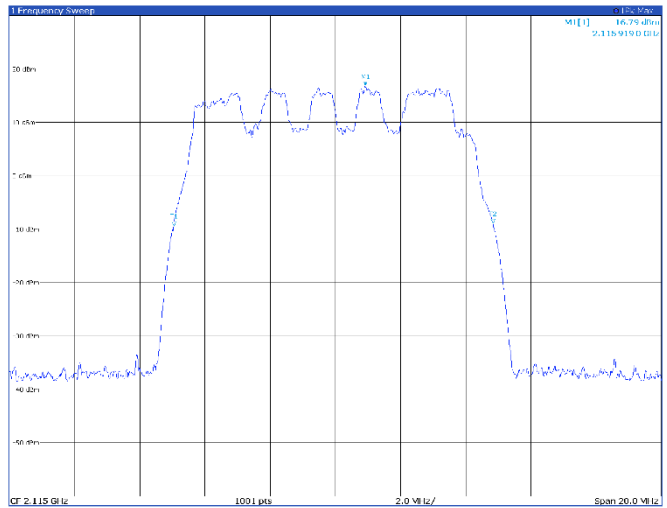
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.142 722 GHz	15.19 dBm	nB	20.0 dB
F1	1		2.122 912 GHz	-10.1 dBm	nB down BW	10.05 MHz
F2	1		2.162 925 GHz	-10.1 dBm	nB	21.3

**TM3p1a, 10 MHz, high channel**



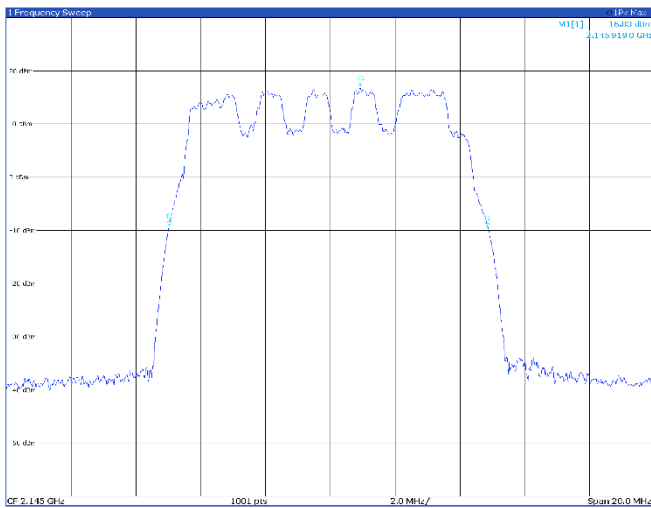
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.172 742 GHz	14.81 dBm	mP	20.0 dB
M2	1		2.169 949 GHz	-11.94 dBm	mD: span DW	10.03 MHz
M3	1		2.175 935 GHz	-0.89 dBm	Q-factor	216.6

**TM3p3, 10 MHz, low channel**



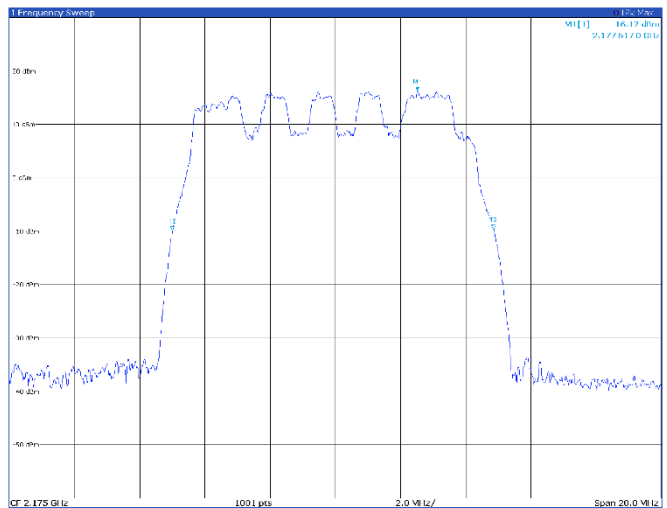
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115 919 GHz	16.79 dBm	mP	20.0 dB
M2	1		2.112 045 GHz	-9.25 dBm	mD: span DW	9.79 MHz
M3	1		2.120 838 GHz	-0.17 dBm	Q-factor	211.1

**TM3p3, 10 MHz, mid channel**



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.145 919 GHz	16.83 dBm	mP	20.0 dB
M2	1		2.142 045 GHz	-9.15 dBm	mD: span DW	9.83 MHz
M3	1		2.149 953 GHz	-0.61 dBm	Q-factor	216.3

**TM3p3, 10 MHz, high channel**



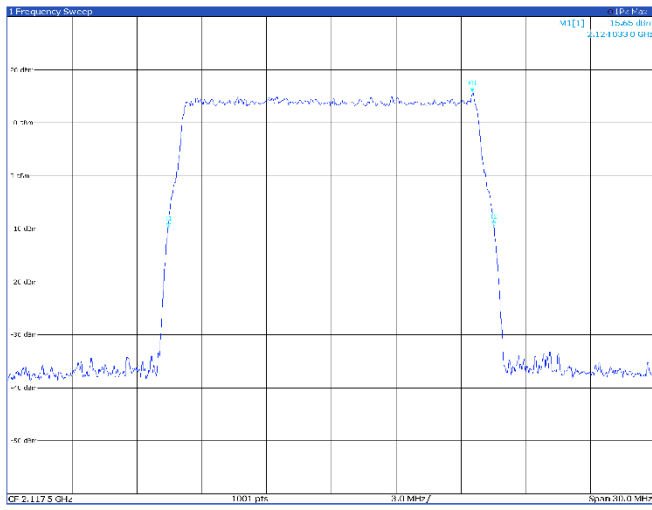
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.177 517 GHz	16.17 dBm	mP	20.0 dB
M2	1		2.173 643 GHz	-9.27 dBm	mD: span DW	9.85 MHz
M3	1		2.181 393 GHz	-0.63 dBm	Q-factor	211.1



Band n66

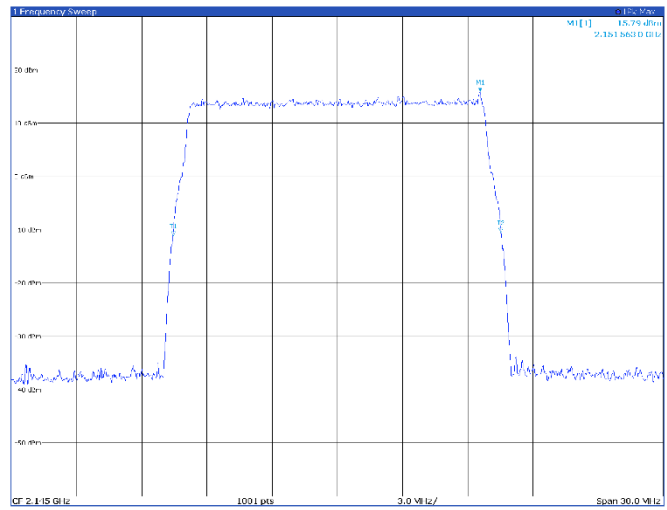
15 MHz

TM1.1, 15 MHz, low channel



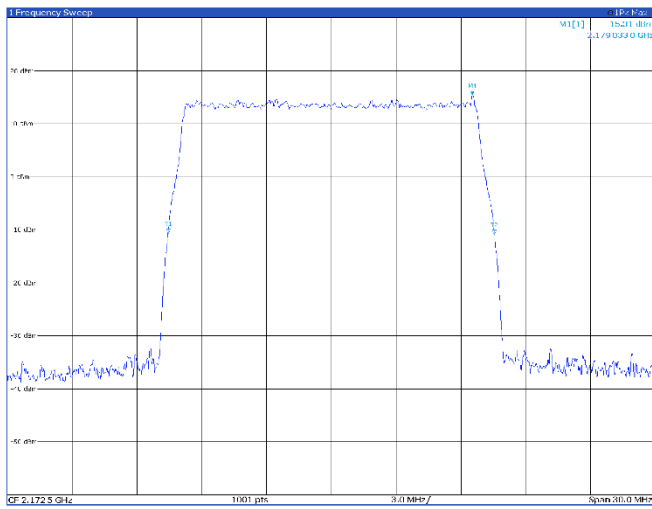
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.1174 033 GHz	15.65 dBm	n/B	25.0 dB	15.07 MHz
T1	1		2.1162485 GHz	-10.23 dBm	n/B	noise floor DW	
T2	1		2.1187215 GHz	-10.23 dBm	n/B	noise floor	

TM1.1, 15 MHz, mid channel



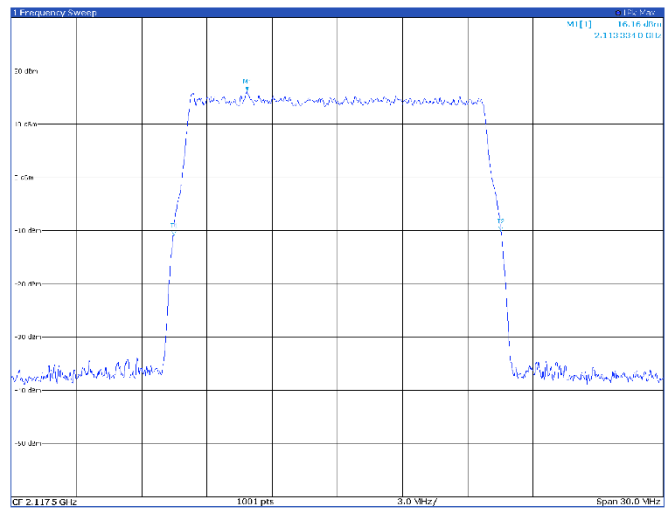
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.1151 563 GHz	15.79 dBm	n/B	25.0 dB	15.07 MHz
T1	1		2.1127410 GHz	-11.11 dBm	n/B	noise floor DW	
T2	1		2.1174577 GHz	-11.05 dBm	n/B	noise floor	

TM1.1, 15 MHz, high channel



Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.1179 033 GHz	15.31 dBm	n/B	25.0 dB	15.11 MHz
T1	1		2.1164245 GHz	-10.23 dBm	n/B	noise floor DW	
T2	1		2.1193821 GHz	-10.23 dBm	n/B	noise floor	

TM3p1, 15 MHz, low channel



Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1		2.1133 334 GHz	16.16 dBm	n/B	25.0 dB	15.04 MHz
T1	1		2.1102 979 GHz	-10.02 dBm	n/B	noise floor DW	
T2	1		2.1164172 GHz	-10.02 dBm	n/B	noise floor	