

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

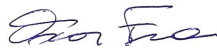
Specifications:

◆ **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	 Firmato digitalmente da Frau Oscar
Reviewed by	D. Guarnone
Review date	October 25, 2024
Signature	 Firmato digitalmente da Guarnone Daniele

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 contain 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

Table of contents	3
Section 1. Report summary	4
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
Section 2. Summary of test results	5
2.1 FCC Part 27 test results	5
Section 3. Equipment under test (EUT) details	6
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
Section 4. Engineering considerations	8
4.1 Modifications incorporated in the EUT	8
4.2 Technical judgment	8
4.3 Deviations from laboratory tests procedures	8
Section 5. Test conditions	9
5.1 Atmospheric conditions	9
5.2 Power supply range	9
Section 6. Measurement uncertainty	10
6.1 Uncertainty of measurement	10
Section 7. Test equipment	11
7.1 Test equipment list	11
Section 8. Testing data	12
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
Section 9. Block diagrams of test setups	202
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

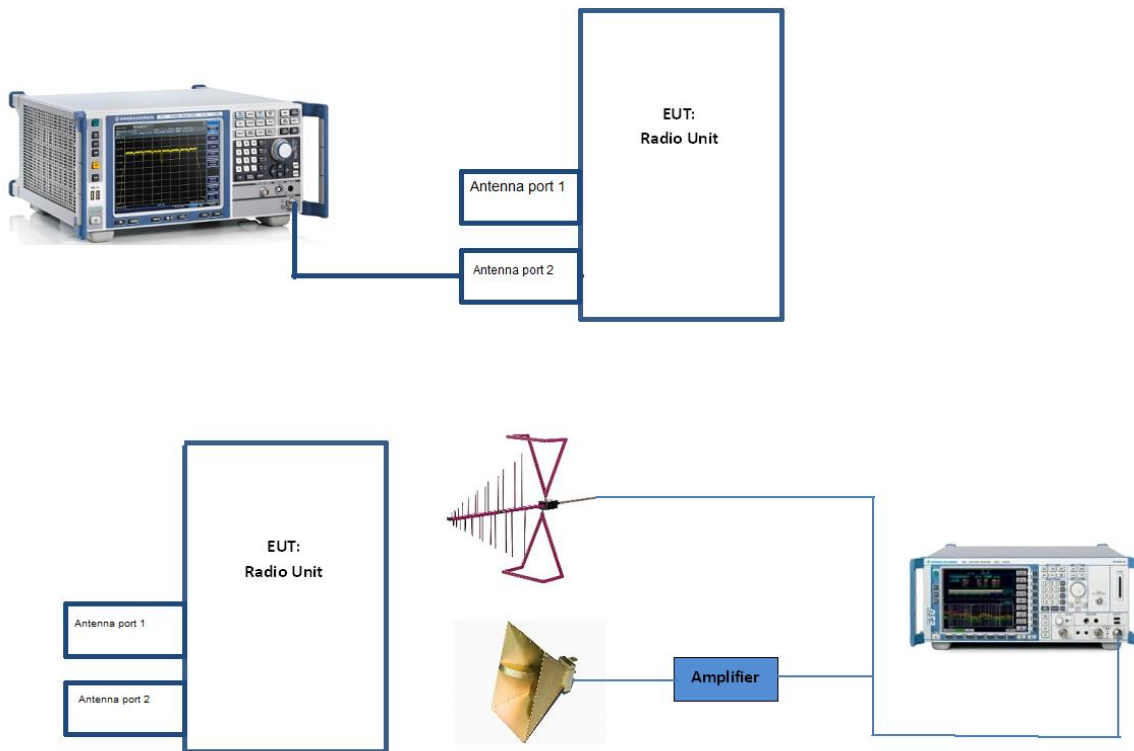


Figure 3.6-1: Setup diagram

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 Errore. 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

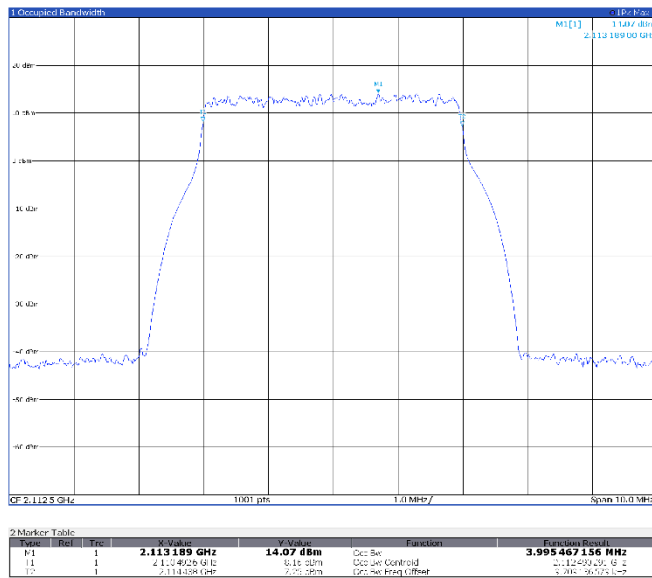
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n66	20 MHz	TM3p3	2120.0	18.31
n66	20 MHz	TM3p3	2145.0	18.30
n66	20 MHz	TM3p3	2170.0	18.31

Antenna port 1

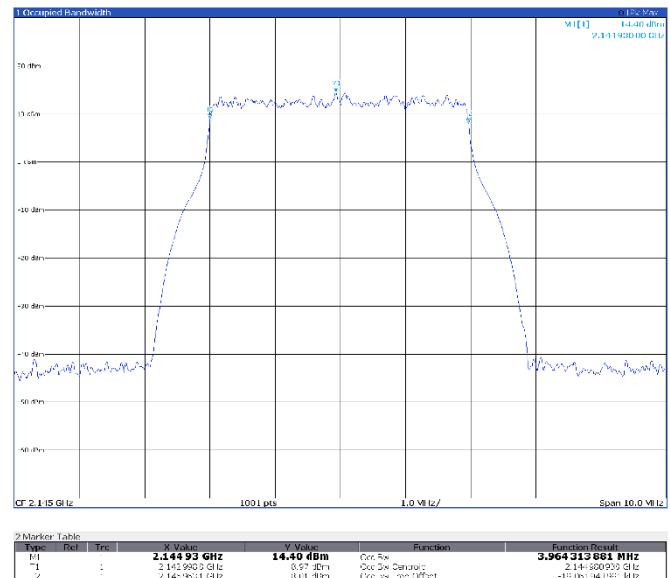
Band n66

5 MHz

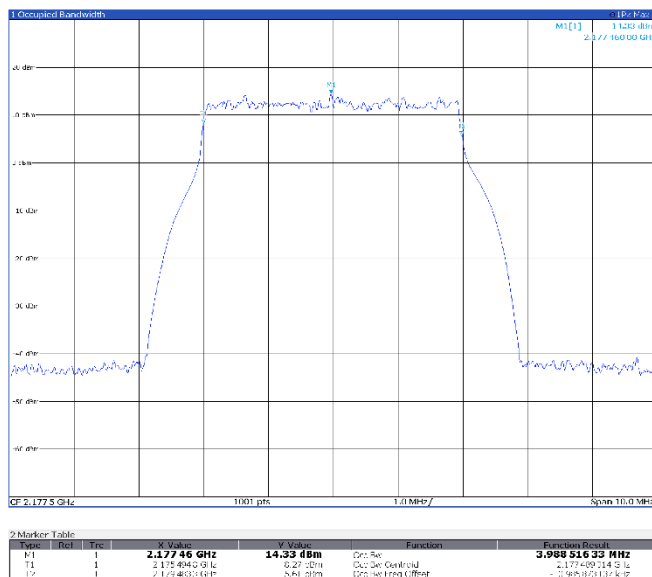
TM1.1, 5 MHz, low channel



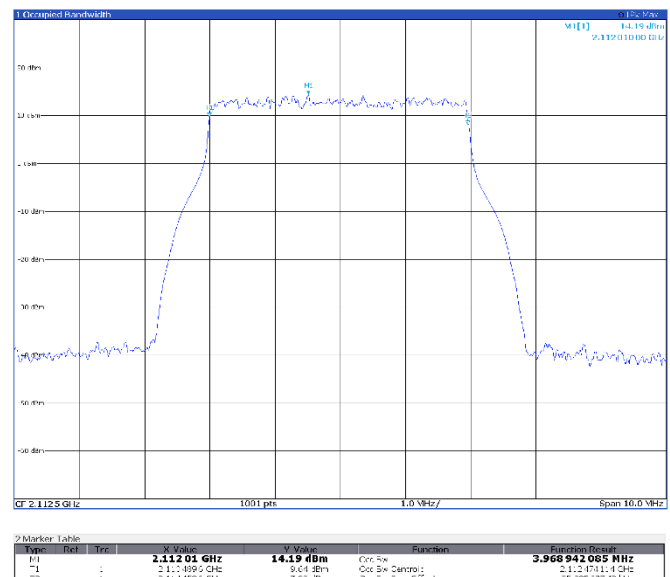
TM1.1, 5 MHz, mid channel



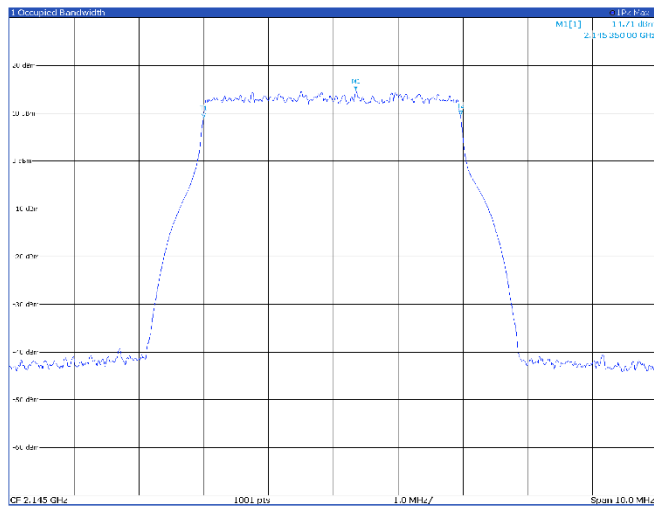
TM1.1, 5 MHz, high channel



TM3p1, 5 MHz, low channel

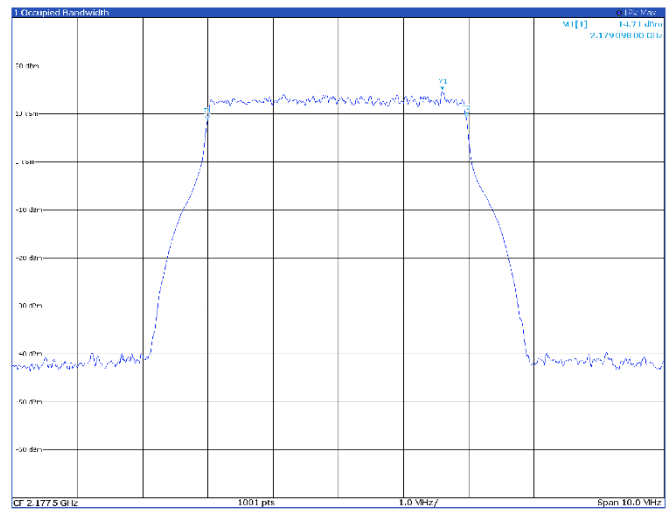


TM3p1, 5 MHz, mid channel



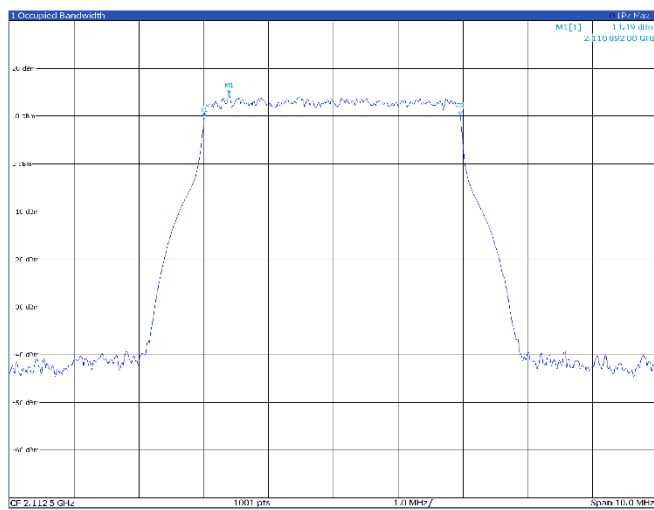
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.14535 GHz	14.71 dBm		Off-Set	3.968155169 MHz
T1	1		2.145000 GHz	9.00 dBm		Off-Set Channel	2.1450000 GHz
T2	1		2.145000 GHz	9.00 dBm		Off-Set Channel	2.1450000 GHz

TM3p1, 5 MHz, high channel



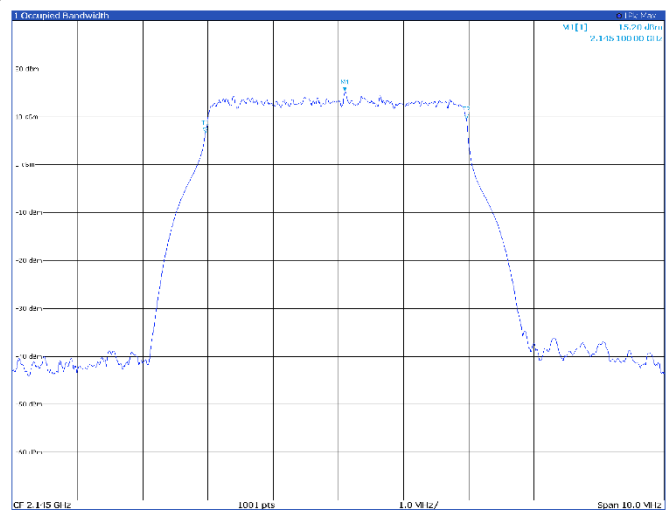
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.179098 GHz	14.71 dBm		Off-Set	3.969680685 MHz
T1	1		2.175000 GHz	9.00 dBm		Off-Set Channel	2.1750000 GHz
T2	1		2.175000 GHz	9.00 dBm		Off-Set Channel	2.1750000 GHz

TM3p1a, 5 MHz, low channel



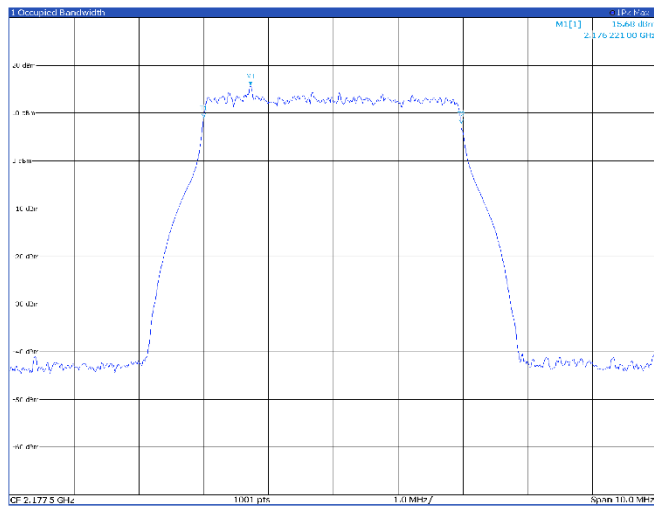
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.110992 GHz	14.49 dBm		Off-Set	3.954079186 MHz
T1	1		2.110000 GHz	9.00 dBm		Off-Set Channel	2.1100000 GHz
T2	1		2.110000 GHz	9.00 dBm		Off-Set Channel	2.1100000 GHz

TM3p1a, 5 MHz, mid channel



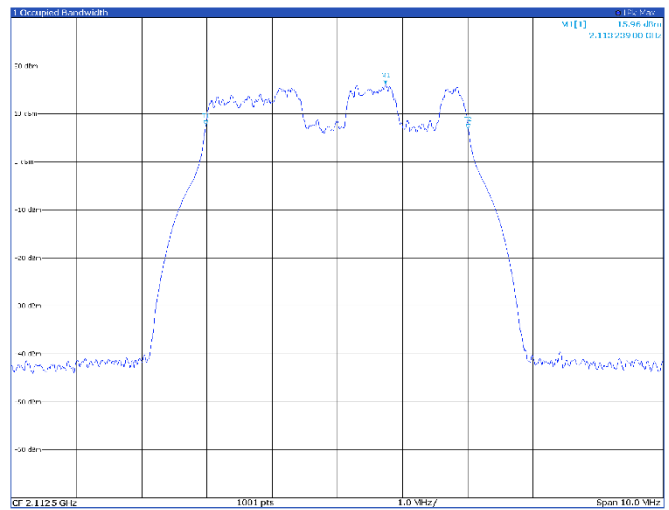
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.1451 GHz	15.20 dBm		Off-Set	3.999570674 MHz
T1	1		2.145000 GHz	9.00 dBm		Off-Set Channel	2.1450000 GHz
T2	1		2.145000 GHz	9.00 dBm		Off-Set Channel	2.1450000 GHz

TM3p1a, 5 MHz, high channel



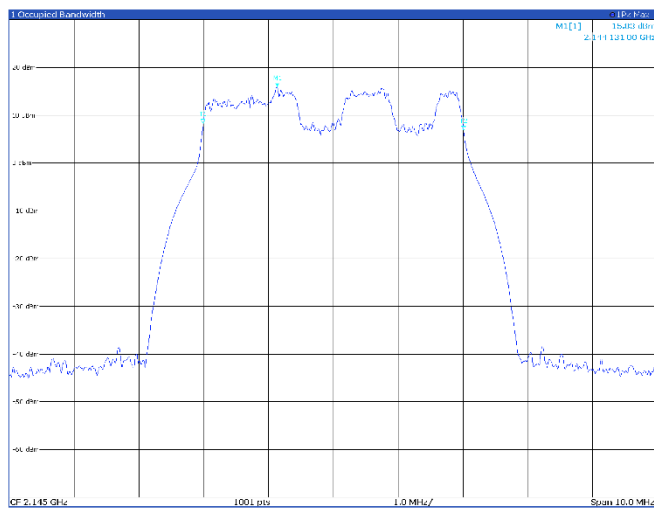
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.176221 GHz	15.68 dBm	Off Set	3.977628982 MHz
T1	1		2.175984 GHz	9.01 dBm	Off Set Centroid	2.177450275 GHz
T2	1		2.176407 GHz	9.01 dBm	Off Set Centroid	2.175984 GHz

TM3p3, 5 MHz, low channel



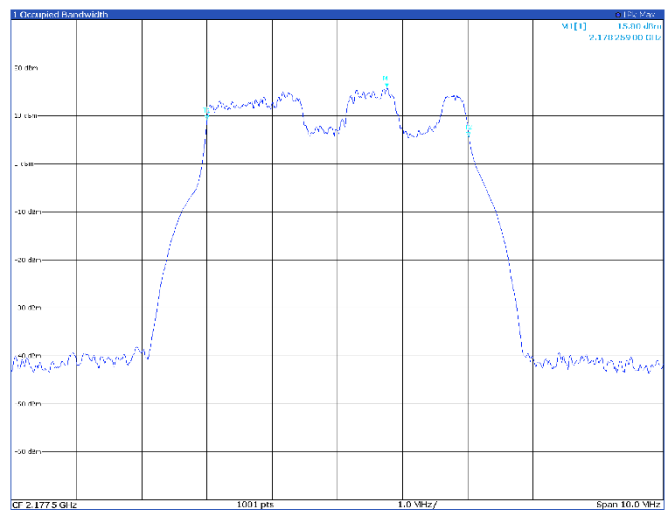
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112539 GHz	15.96 dBm	Off Set	4.022613535 MHz
T1	1		2.1114915 GHz	7.12 dBm	Off Set Centroid	2.112952 GHz
T2	1		2.1134962 GHz	6.14 dBm	Off Set Centroid	2.112005191 GHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.144131 GHz	15.83 dBm	Off Set	4.019678382 MHz
T1	1		2.1439209 GHz	8.20 dBm	Off Set Centroid	2.144999497 GHz
T2	1		2.1443003 GHz	6.20 dBm	Off Set Centroid	2.143648666 GHz

TM3p3, 5 MHz, high channel

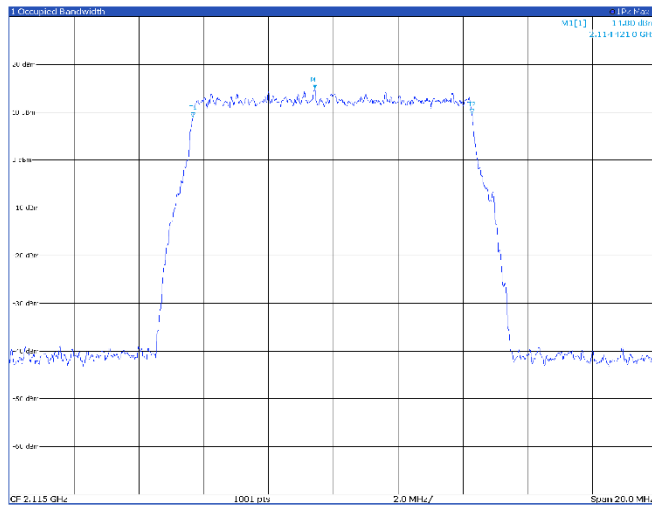


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.170259 GHz	15.80 dBm	Off Set	4.01405433 MHz
T1	1		2.1700593 GHz	6.63 dBm	Off Set Centroid	2.17090085 GHz
T2	1		2.1704592 GHz	5.63 dBm	Off Set Centroid	2.17007755 GHz

Band n66

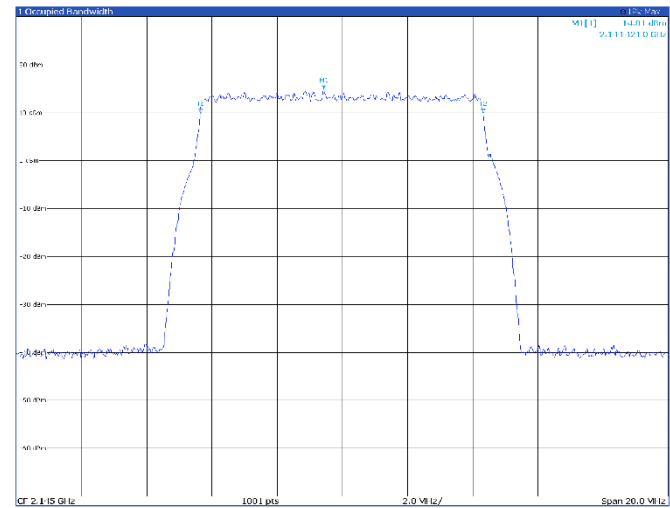
10 MHz

TM1.1, 10 MHz, low channel



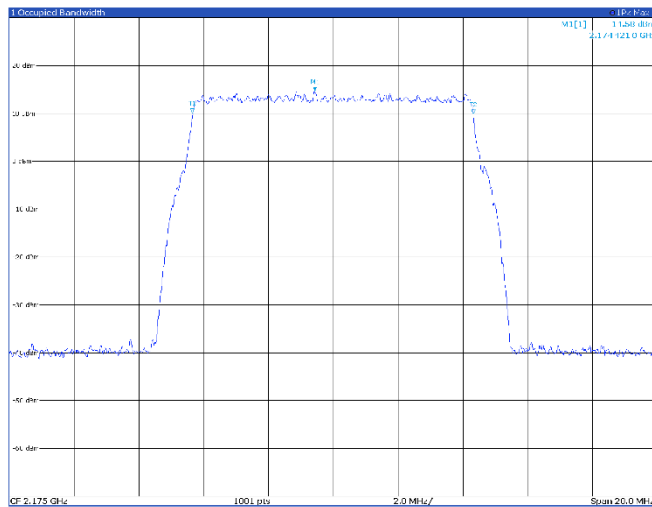
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114 421 GHz	14.80 dBm	Cor Sw	8.608 820 839 MHz
T1	1		2.113 6942 GHz	8.00 dBm	Occ Sw Control	-114.565 325 GHz
T2	1		2.115 2224 GHz	9.00 dBm	Occ Sw Control	-114.565 325 GHz

TM1.1, 10 MHz, mid channel



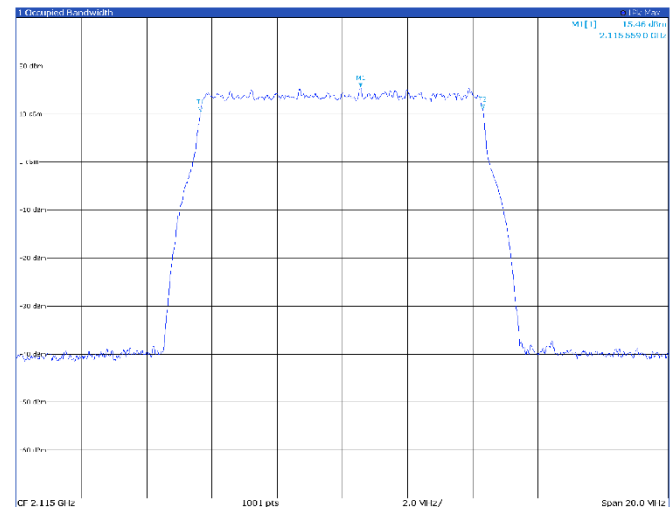
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114 421 GHz	14.81 dBm	Cor Sw	8.670 976 097 MHz
T1	1		2.113 6901 GHz	8.00 dBm	Occ Sw Control	2.113 695 273 GHz
T2	1		2.115 3211 GHz	9.00 dBm	Occ Sw Control	-14.421 025 226 GHz

TM1.1, 10 MHz, high channel



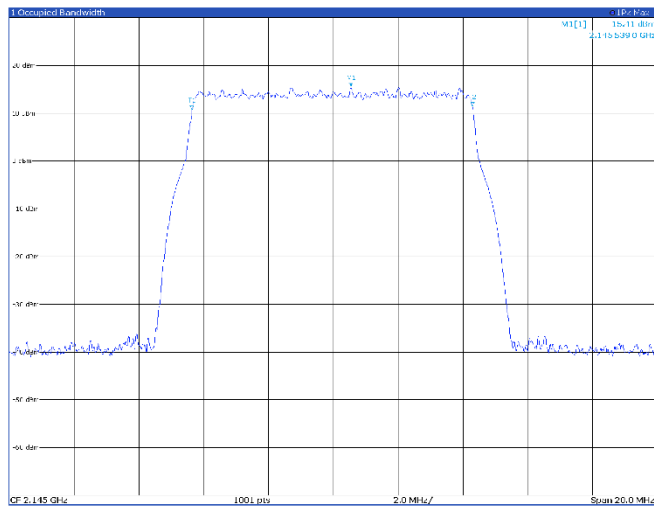
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114 421 GHz	14.58 dBm	Cor Sw	8.662 355 576 MHz
T1	1		2.113 6949 GHz	10.00 dBm	Occ Sw Control	2.113 696 007 GHz
T2	1		2.115 2224 GHz	9.00 dBm	Occ Sw Control	-114.565 325 GHz

TM3p1, 10 MHz, low channel



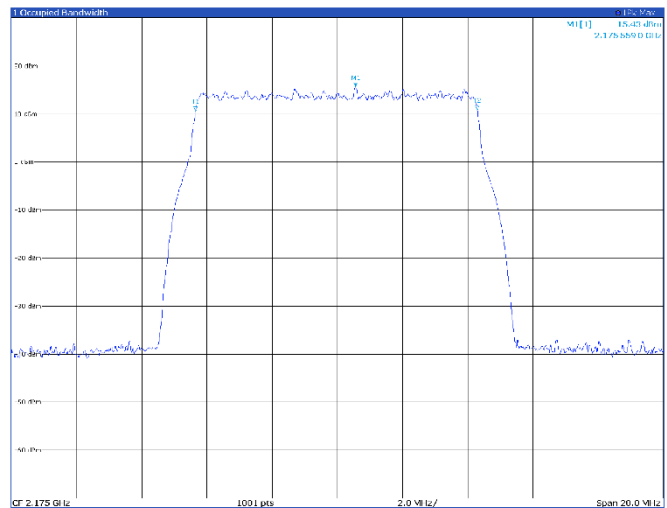
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.115 559 GHz	15.46 dBm	Cor Sw	8.661 716 858 MHz
T1	1		2.110 643 GHz	10.00 dBm	Occ Sw Control	2.113 673 085 GHz
T2	1		2.113 3967 GHz	10.00 dBm	Occ Sw Control	-22.115 367 336 GHz

TM3p1, 10 MHz, mid channel



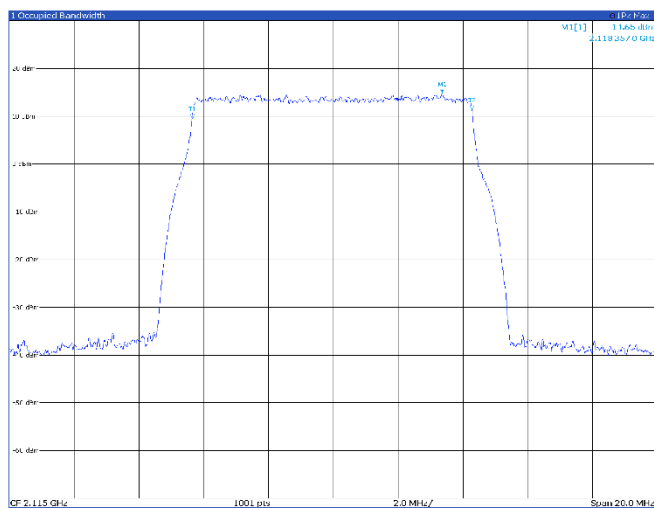
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.115539 GHz	15.41 dBm	Occ BW	8.660296049 MHz
F1	1		2.115539 GHz	10.71 dBm	Occ BW Channel	2.114929405 GHz
F2	1		2.115539 GHz	11.56 dBm	Occ BW Channel	2.115040585 GHz

TM3p1, 10 MHz, high channel



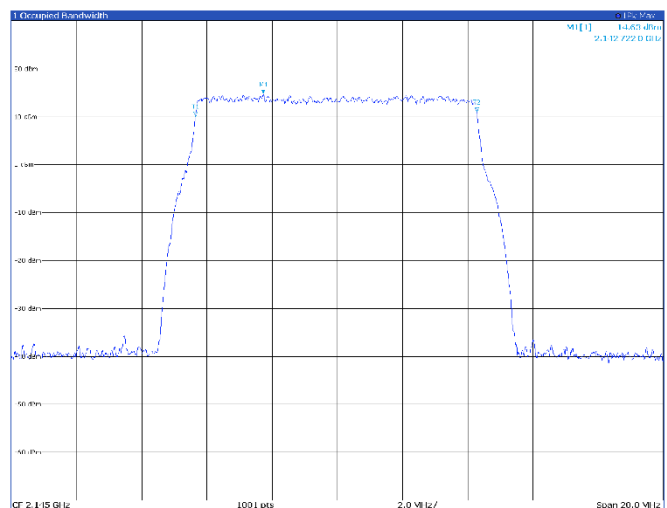
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.175559 GHz	15.43 dBm	Occ BW	8.64884632 MHz
F1	1		2.175559 GHz	10.72 dBm	Occ BW Channel	2.174957943 GHz
F2	1		2.175559 GHz	11.57 dBm	Occ BW Channel	2.175042057 GHz

TM3p1a, 10 MHz, low channel



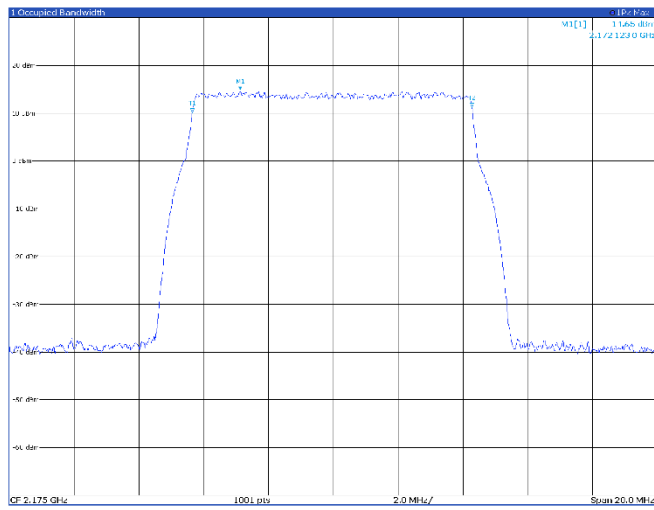
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.118337 GHz	14.65 dBm	Occ BW	8.630693992 MHz
F1	1		2.118337 GHz	9.64 dBm	Occ BW Channel	2.117955207 GHz
F2	1		2.118337 GHz	11.50 dBm	Occ BW Channel	2.118434793 GHz

TM3p1a, 10 MHz, mid channel



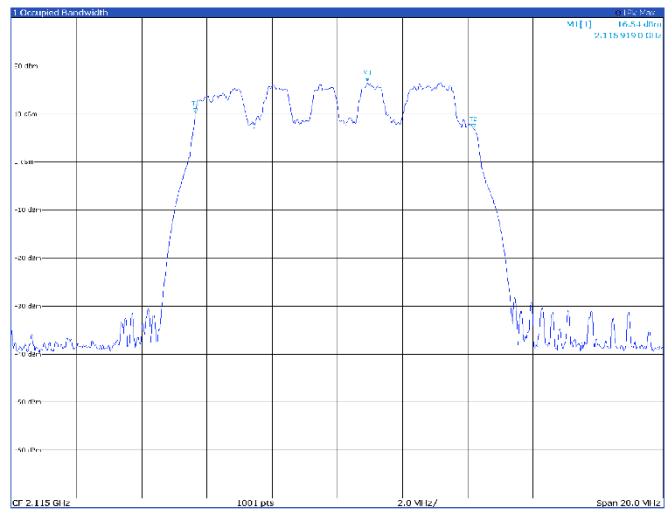
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.142723 GHz	14.63 dBm	Occ BW	8.629372361 MHz
F1	1		2.142723 GHz	10.03 dBm	Occ BW Channel	2.141861051 GHz
F2	1		2.142723 GHz	10.98 dBm	Occ BW Channel	2.142838949 GHz

TM3p1a, 10 MHz, high channel



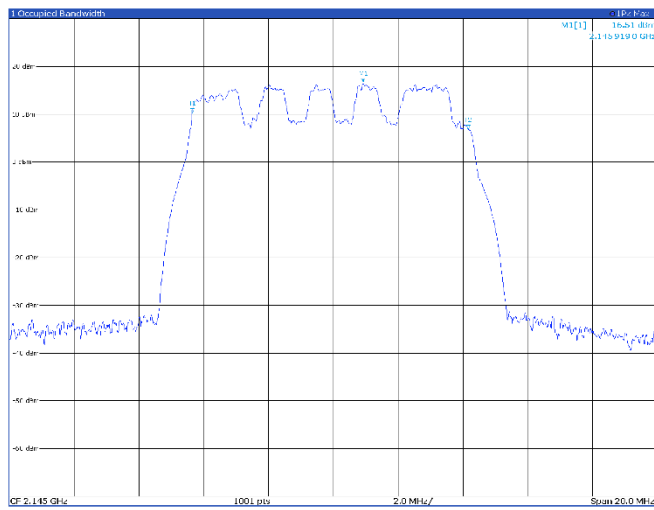
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.172123 GHz	14.65 dBm	Occ Sw	8.635170361 MHz
P1	1		2.172123 GHz	14.65 dBm	Occ Sw	2.172123 GHz
P1	1		2.172123 GHz	14.65 dBm	Occ Sw	2.172123 GHz

TM3p3, 10 MHz, low channel



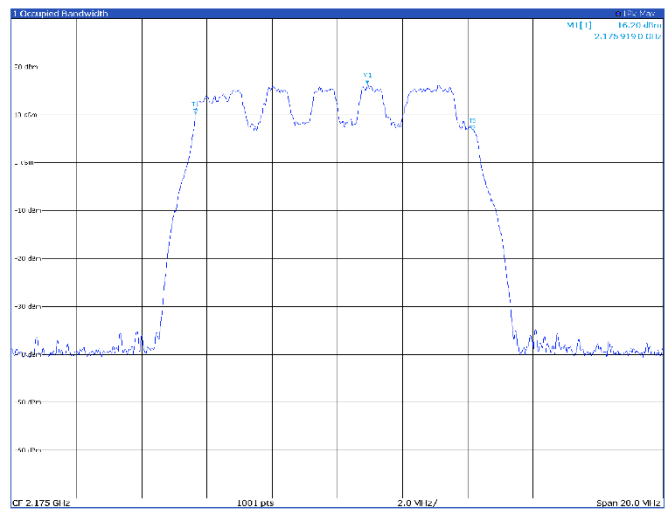
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.115919 GHz	16.54 dBm	Occ Sw	8.5205008 MHz
P1	1		2.115919 GHz	16.54 dBm	Occ Sw	2.115919 GHz
P1	1		2.115919 GHz	16.54 dBm	Occ Sw	2.115919 GHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.145919 GHz	16.51 dBm	Occ Sw	8.518323031 MHz
P1	1		2.145919 GHz	16.51 dBm	Occ Sw	2.145919 GHz
P1	1		2.145919 GHz	16.51 dBm	Occ Sw	2.145919 GHz

TM3p3, 10 MHz, high channel

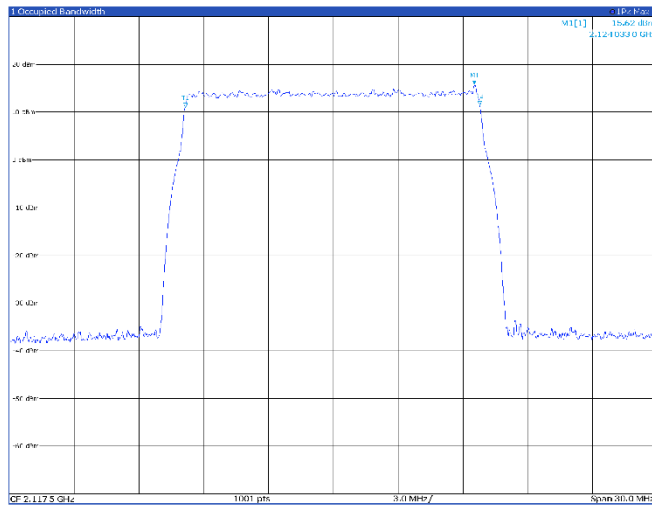


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.175919 GHz	16.20 dBm	Occ Sw	8.518981234 MHz
P1	1		2.175919 GHz	16.20 dBm	Occ Sw	2.175919 GHz
P1	1		2.175919 GHz	16.20 dBm	Occ Sw	2.175919 GHz

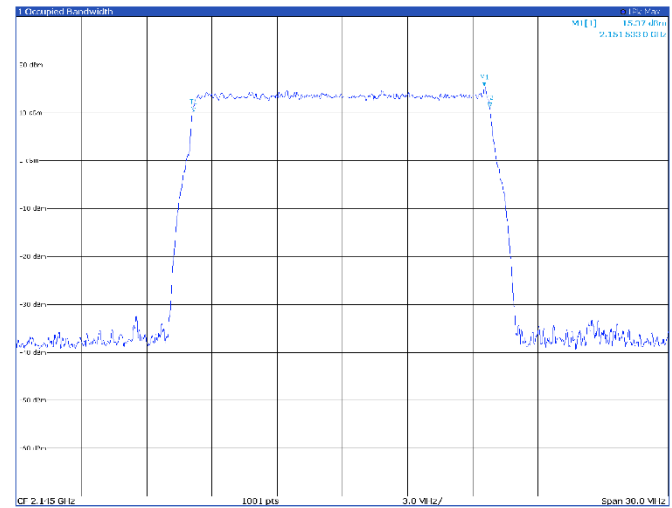
Band n66

15 MHz

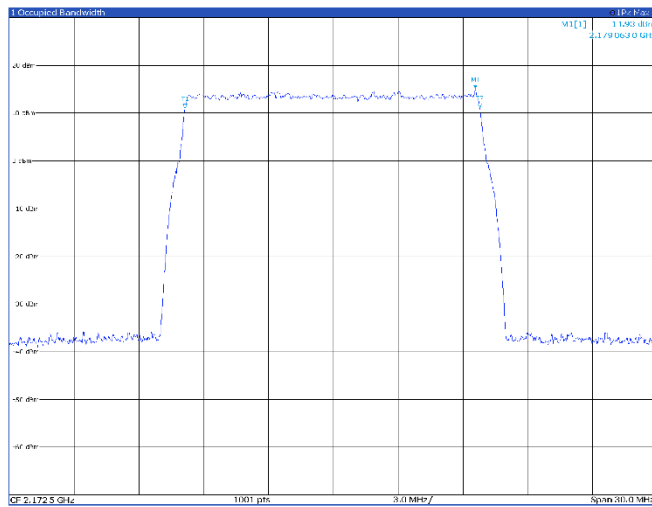
TM1.1, 15 MHz, low channel



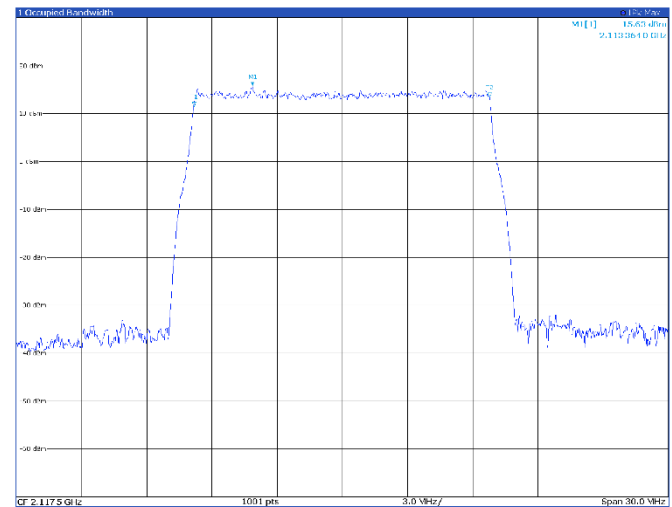
TM1.1, 15 MHz, mid channel



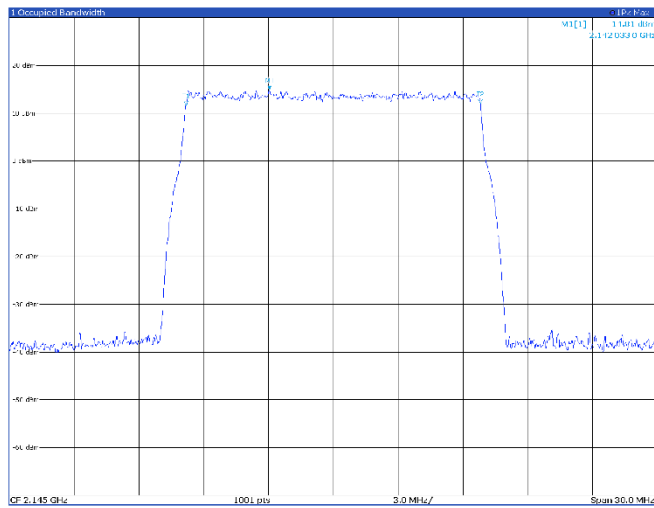
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

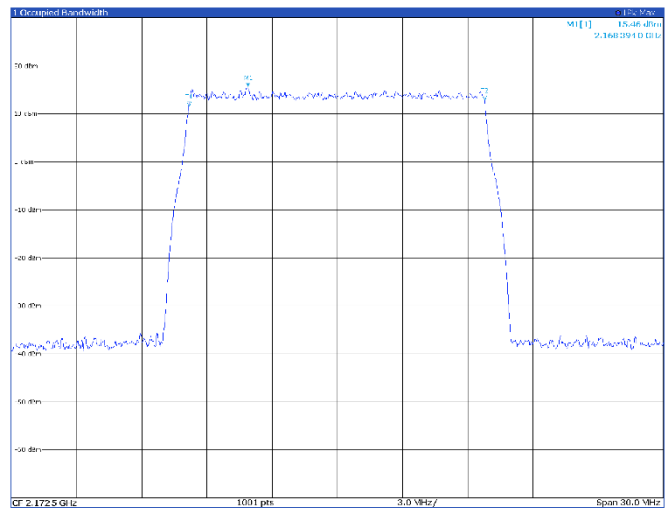


TM3p1, 15 MHz, mid channel



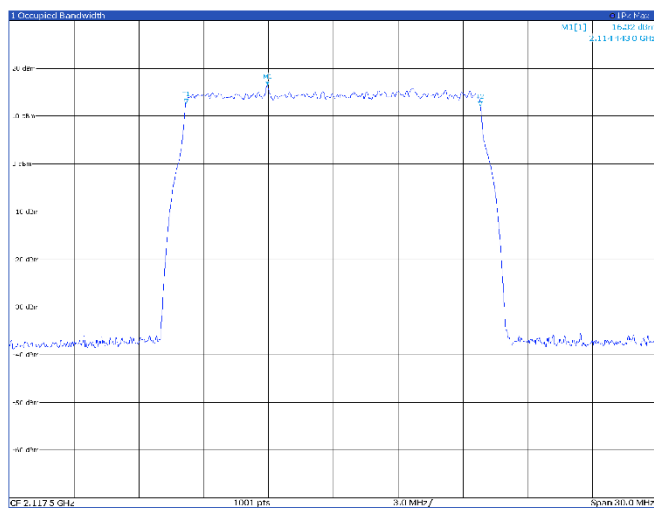
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.142 033 GHz	14.81 dBm	Occ Sw	13.611 904 917 MHz
P1	1		2.142 033 GHz	14.81 dBm	Occ Sw Channel	2.142 033 GHz
P1	1		2.142 033 GHz	14.81 dBm	Occ Sw Channel	2.142 033 GHz

TM3p1, 15 MHz, high channel



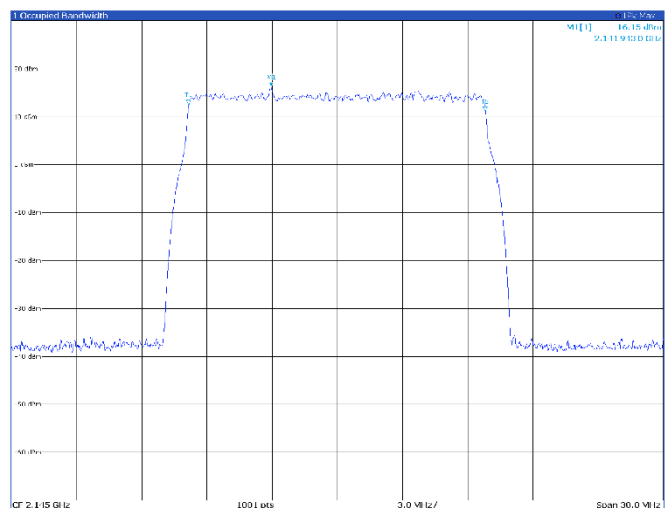
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.168 394 GHz	15.46 dBm	Occ Sw	13.614 147 039 MHz
P1	1		2.168 394 GHz	15.46 dBm	Occ Sw Channel	2.168 394 GHz
P1	1		2.168 394 GHz	15.46 dBm	Occ Sw Channel	2.168 394 GHz

TM3p1a, 15 MHz, low channel



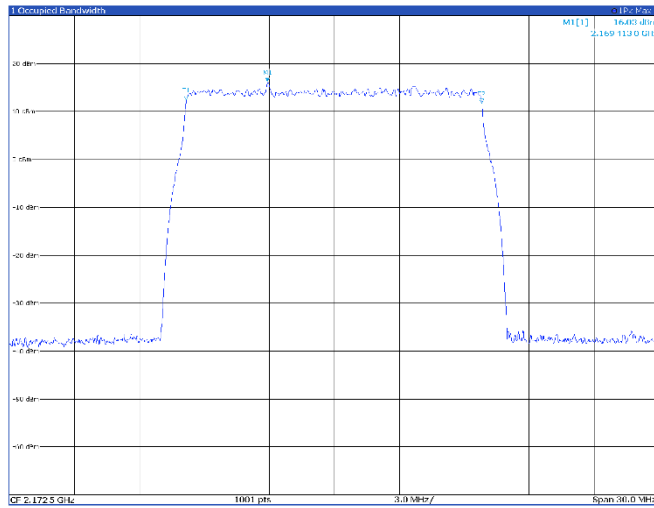
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114 443 GHz	16.32 dBm	Occ Sw	13.633 956 997 MHz
P1	1		2.114 443 GHz	16.32 dBm	Occ Sw Channel	2.114 443 GHz
P1	1		2.114 443 GHz	16.32 dBm	Occ Sw Channel	2.114 443 GHz

TM3p1a, 15 MHz, mid channel

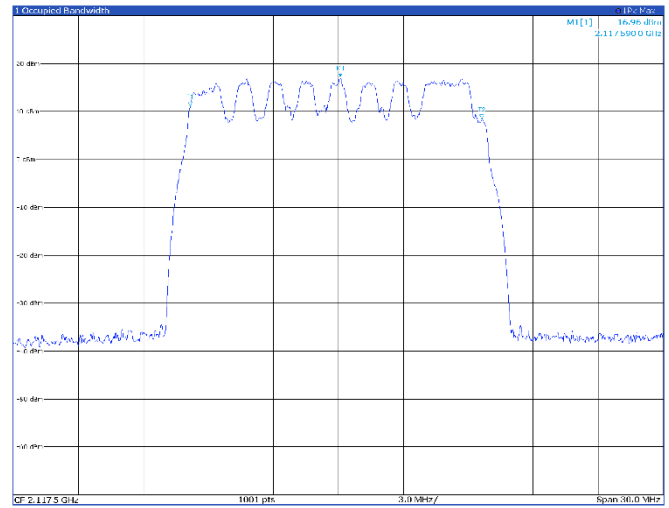


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.141 943 GHz	16.15 dBm	Occ Sw	13.632 350 509 MHz
P1	1		2.141 943 GHz	16.15 dBm	Occ Sw Channel	2.141 943 GHz
P1	1		2.141 943 GHz	16.15 dBm	Occ Sw Channel	2.141 943 GHz

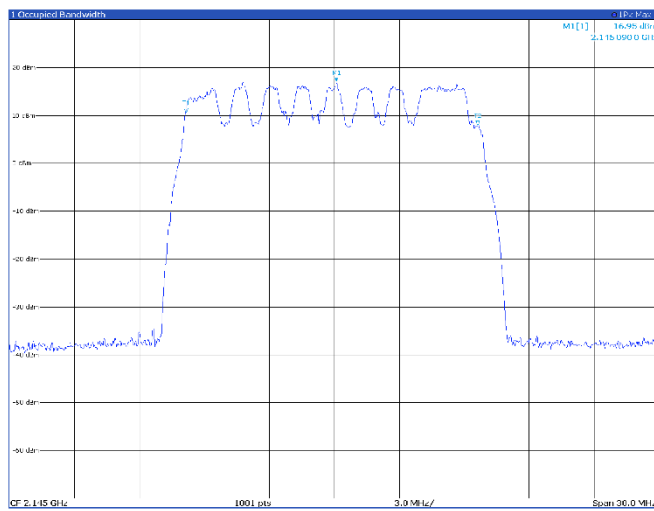
TM3p1a, 15 MHz, high channel



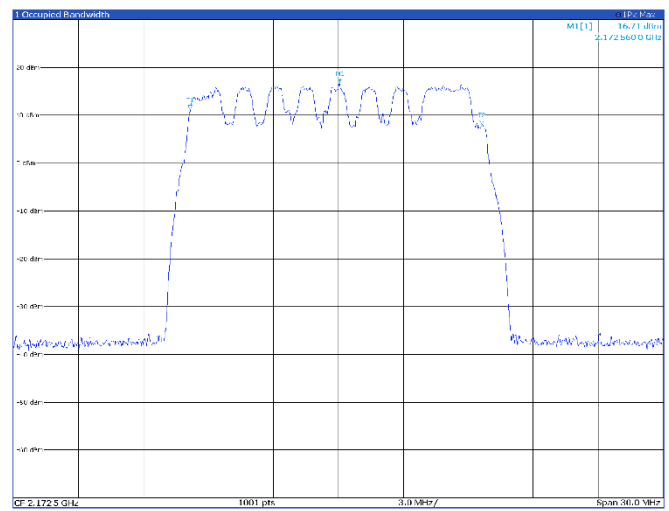
TM3p3, 15 MHz, low channel



TM3p3, 15 MHz, mid channel



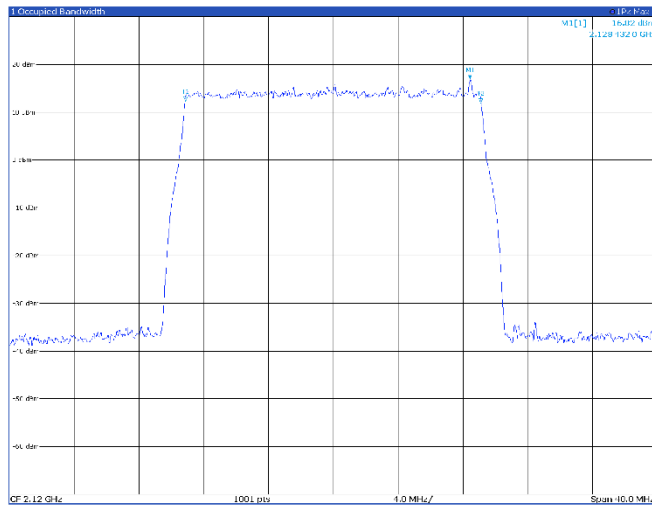
TM3p3, 15 MHz, high channel



Band n66

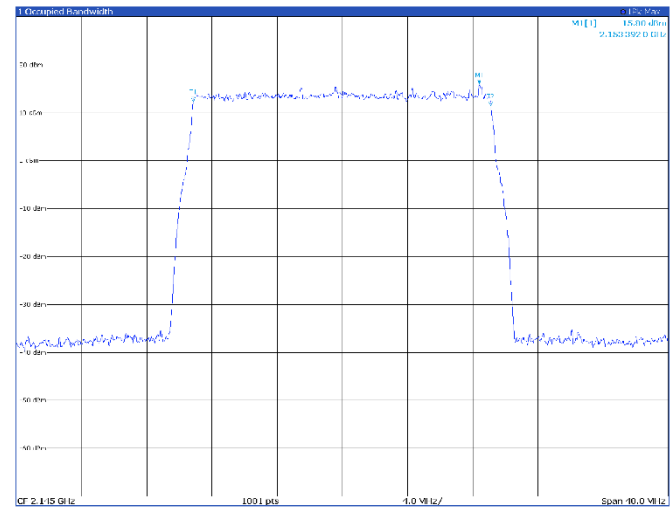
20 MHz

TM1.1, 20 MHz, low channel



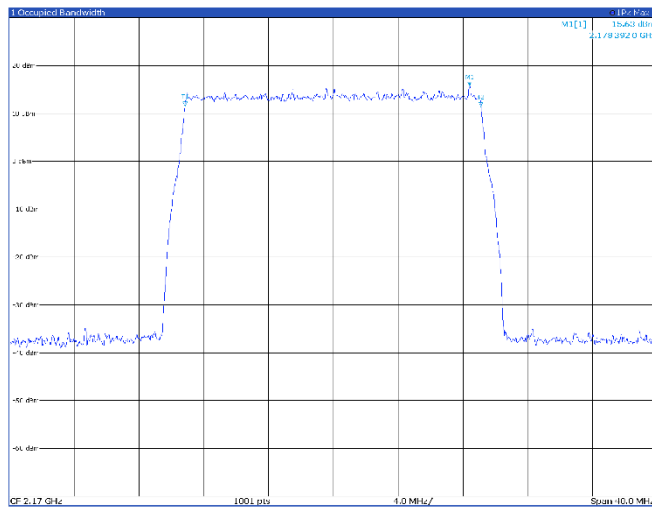
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.128 432 GHz	15.82 dBm		18.245 874 361 MHz
T1	1		2.128 000 GHz	12.27 dBm	Occ Sw Control	+119762.537 GHz
T2	1		2.128 000 GHz	11.94 dBm	Occ Sw Control	+119762.537 GHz

TM1.1, 20 MHz, mid channel



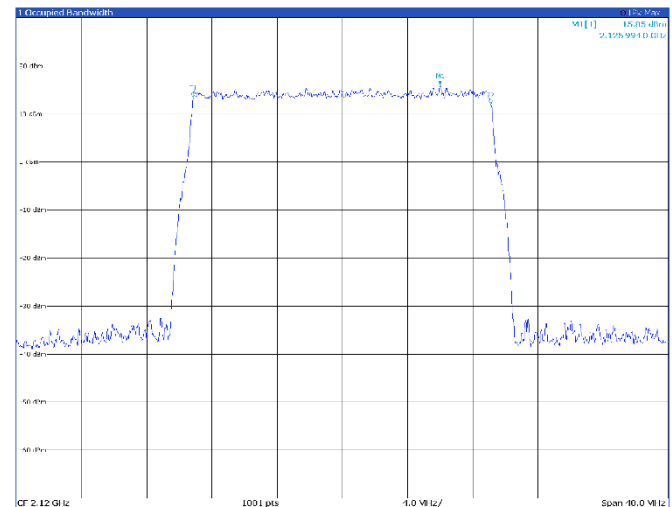
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.153 392 GHz	15.80 dBm		18.247 247 01 MHz
T1	1		2.153 000 GHz	12.27 dBm	Occ Sw Control	+119762.537 GHz
T2	1		2.153 000 GHz	11.94 dBm	Occ Sw Control	+119762.537 GHz

TM1.1, 20 MHz, high channel



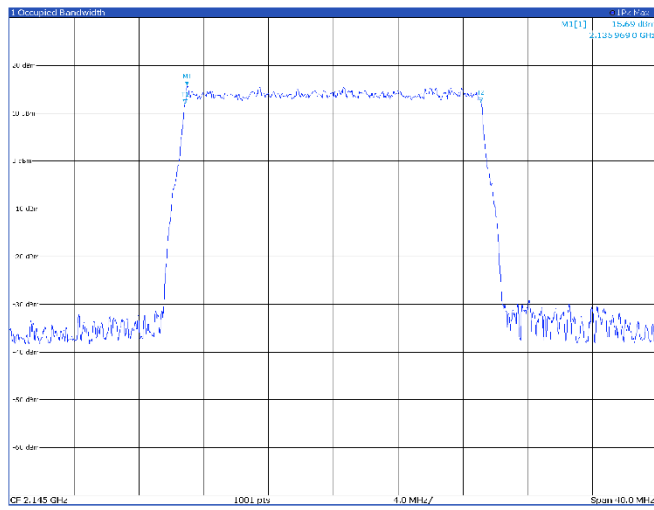
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.178 392 GHz	15.63 dBm		18.240 612 885 MHz
T1	1		2.178 000 GHz	12.27 dBm	Occ Sw Control	+119762.537 GHz
T2	1		2.178 000 GHz	11.94 dBm	Occ Sw Control	+119762.537 GHz

TM3p1, 20 MHz, low channel



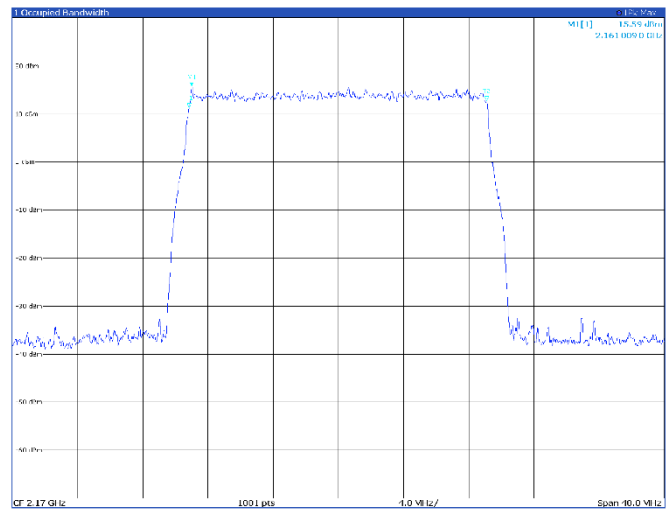
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.125 994 GHz	15.85 dBm		18.261 898 932 MHz
T1	1		2.125 000 GHz	12.27 dBm	Occ Sw Control	+119762.537 GHz
T2	1		2.125 000 GHz	11.94 dBm	Occ Sw Control	+119762.537 GHz

TM3p1, 20 MHz, mid channel



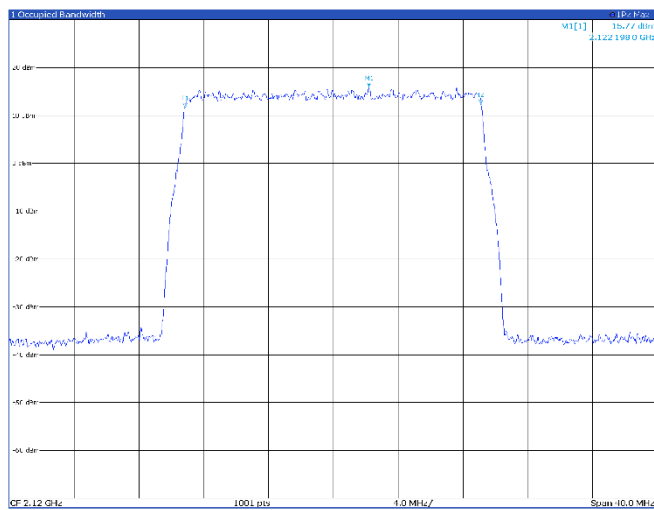
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.135969 GHz	15.69 dBm	Occ BW	18.25958448 MHz
M2	1		2.135969 GHz	15.69 dBm	Occ BW Channel	2.135969 GHz
M3	1		2.135969 GHz	15.69 dBm	Occ BW Offset	2.135969 GHz

TM3p1, 20 MHz, high channel



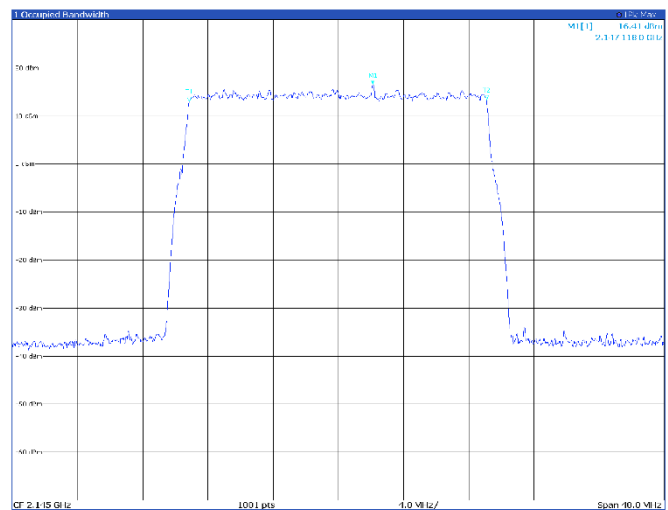
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.161009 GHz	15.59 dBm	Occ BW	18.25404616 MHz
M2	1		2.161009 GHz	15.59 dBm	Occ BW Channel	2.161009 GHz
M3	1		2.161009 GHz	15.59 dBm	Occ BW Offset	2.161009 GHz

TM3p1a, 20 MHz, low channel



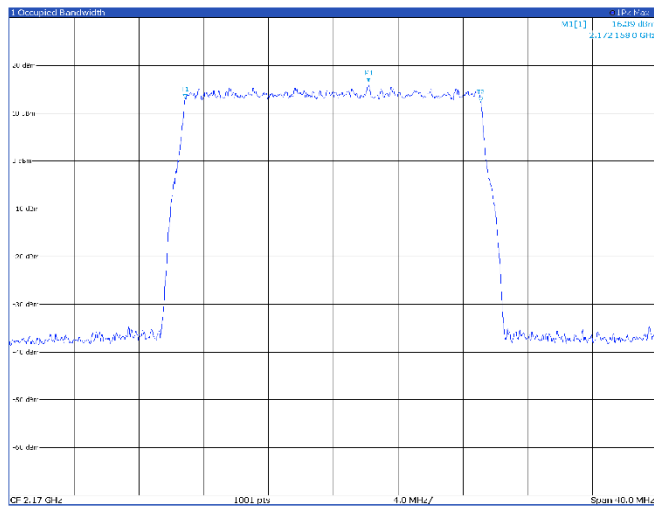
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.122198 GHz	15.77 dBm	Occ BW	18.258813426 MHz
M2	1		2.122198 GHz	15.77 dBm	Occ BW Channel	2.122198 GHz
M3	1		2.122198 GHz	15.77 dBm	Occ BW Offset	2.122198 GHz

TM3p1a, 20 MHz, mid channel



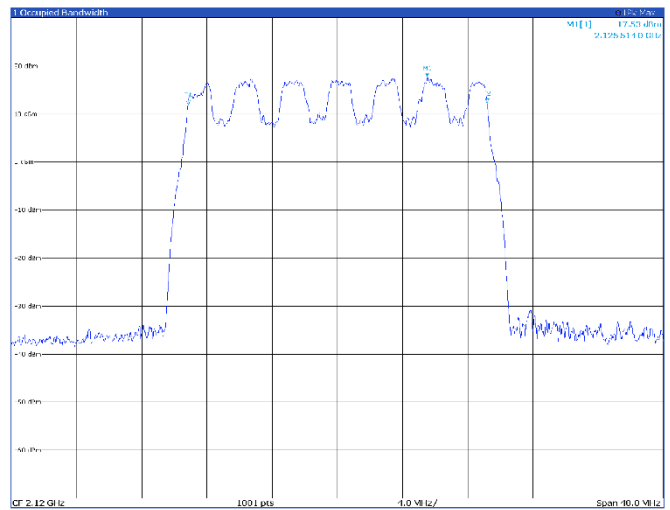
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147118 GHz	16.41 dBm	Occ BW	18.256421518 MHz
M2	1		2.147118 GHz	16.41 dBm	Occ BW Channel	2.147118 GHz
M3	1		2.147118 GHz	16.41 dBm	Occ BW Offset	2.147118 GHz

TM3p1a, 20 MHz, high channel



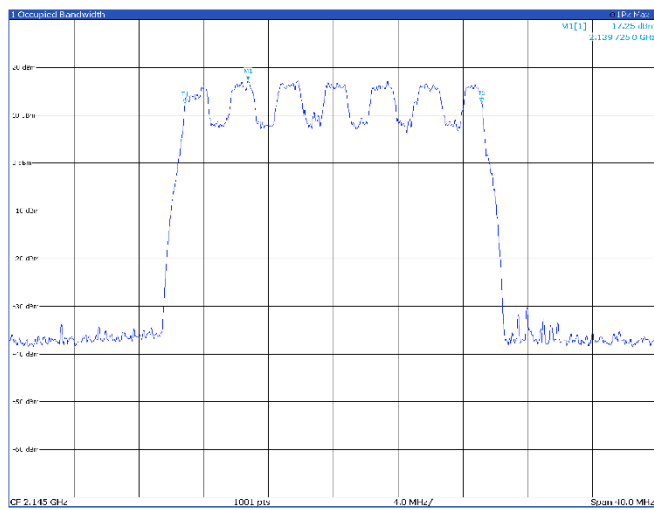
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
F1	:	1	2.172158 GHz	16.39 dBm	Occ Sw	18.257065679 MHz
F1	:	1	2.1670209 GHz	10.06 dBm	Occ Sw Control	2.1670209 GHz
F2	:	1	2.172158 GHz	10.06 dBm	Occ Sw Control	2.172158 GHz

TM3p3, 20 MHz, low channel



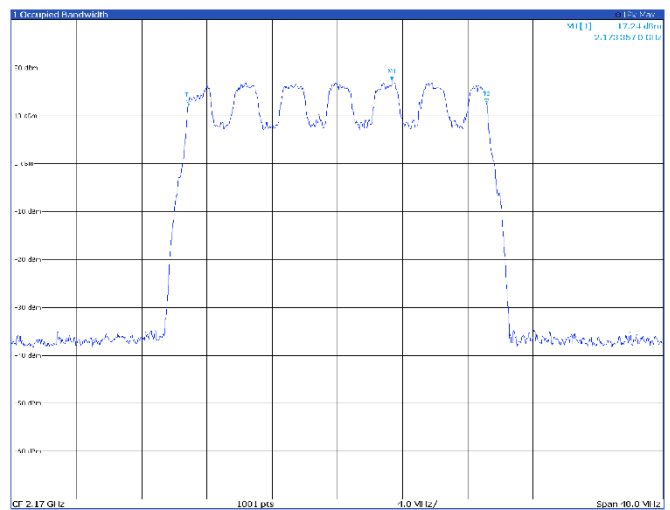
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
F1	:	1	2.125514 GHz	17.53 dBm	Occ Sw	18.317750683 MHz
F1	:	1	2.1178572 GHz	11.92 dBm	Occ Sw Control	2.1178572 GHz
F2	:	1	2.125514 GHz	11.92 dBm	Occ Sw Control	2.125514 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
F1	:	1	2.139725 GHz	17.25 dBm	Occ Sw	18.312303475 MHz
F1	:	1	2.1350497 GHz	12.43 dBm	Occ Sw Control	2.1350497 GHz
F2	:	1	2.139725 GHz	12.43 dBm	Occ Sw Control	2.139725 GHz

TM3p3, 20 MHz, high channel



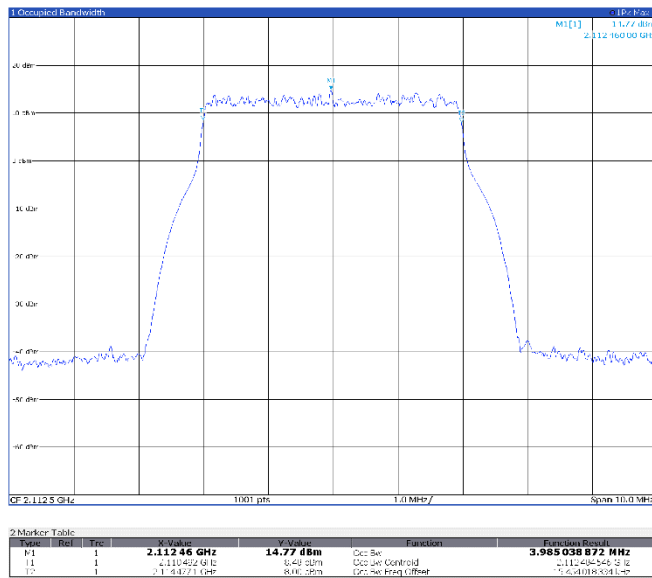
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
F1	:	1	2.173357 GHz	17.24 dBm	Occ Sw	18.305456932 MHz
F1	:	1	2.1678605 GHz	12.37 dBm	Occ Sw Control	2.1678605 GHz
F2	:	1	2.173357 GHz	12.37 dBm	Occ Sw Control	2.173357 GHz

Antenna port 2

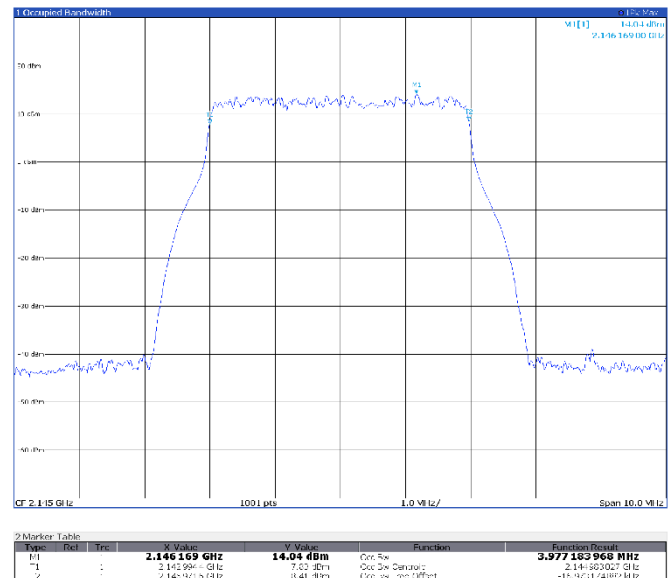
Band n66

5 MHz

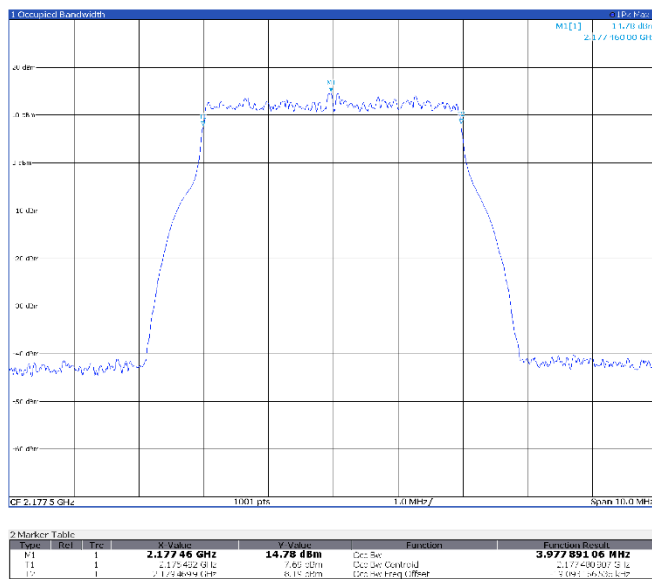
TM1.1, 5 MHz, low channel



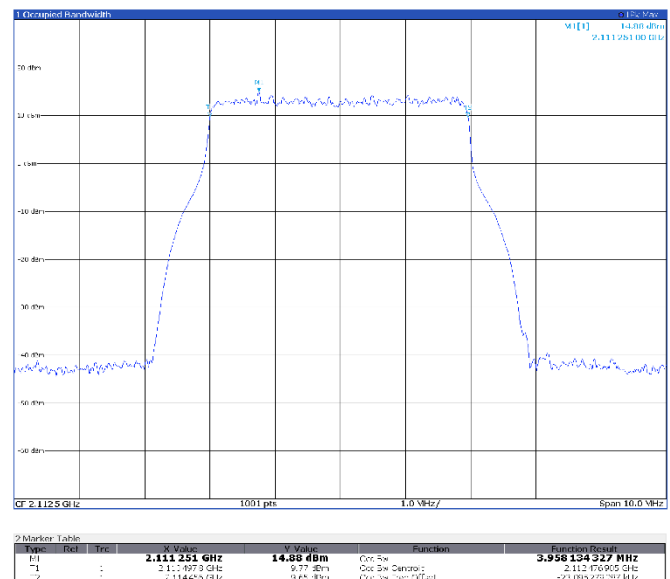
TM1.1, 5 MHz, mid channel



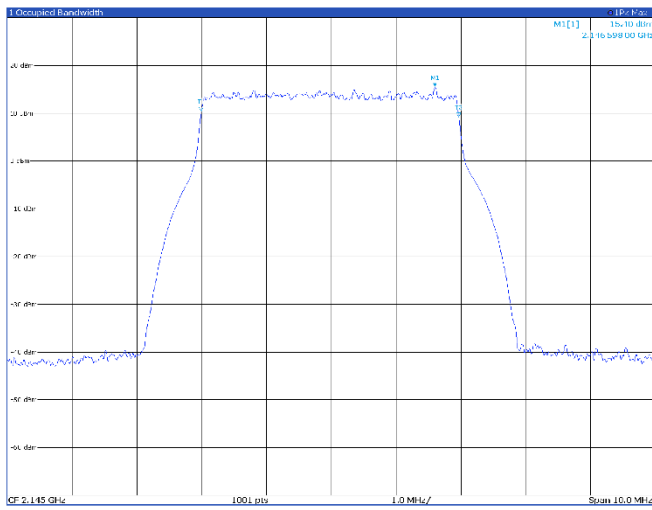
TM1.1, 5 MHz, high channel



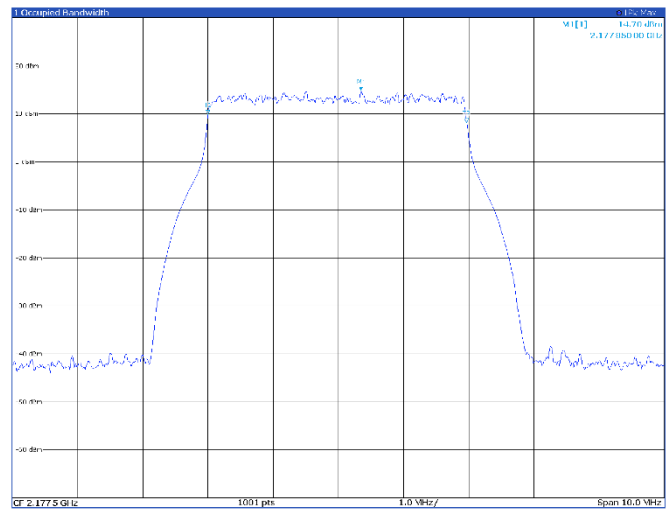
TM3p1, 5 MHz, low channel



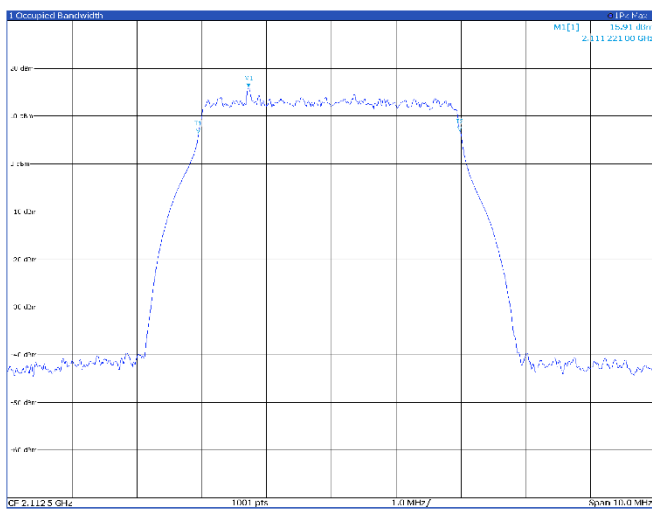
TM3p1, 5 MHz, mid channel



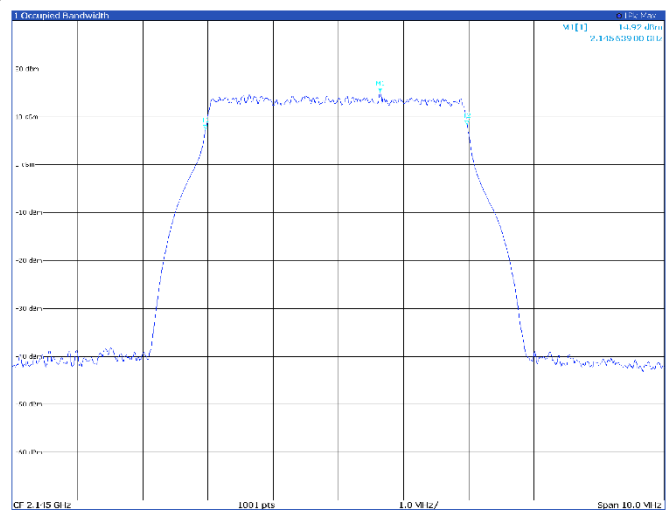
TM3p1, 5 MHz, high channel



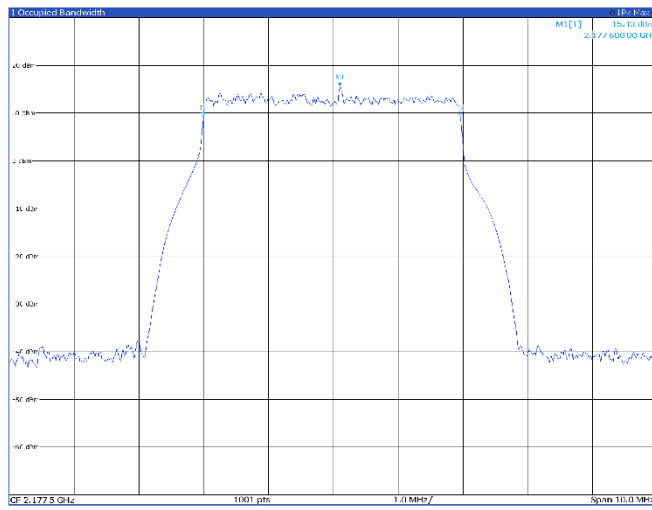
TM3p1a, 5 MHz, low channel



TM3p1a, 5 MHz, mid channel

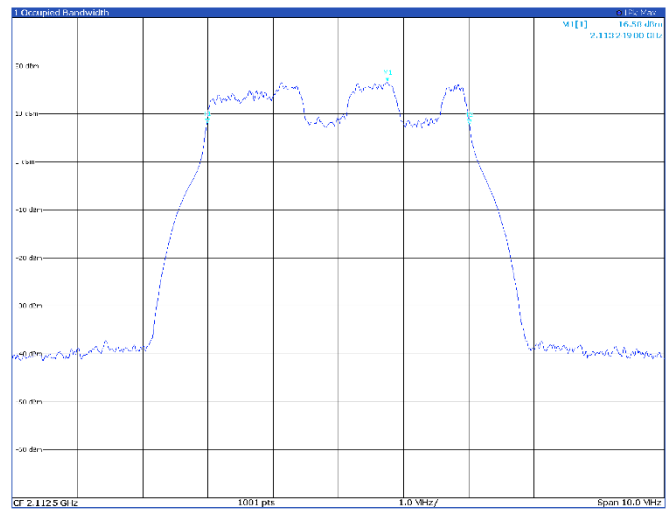


TM3p1a, 5 MHz, high channel



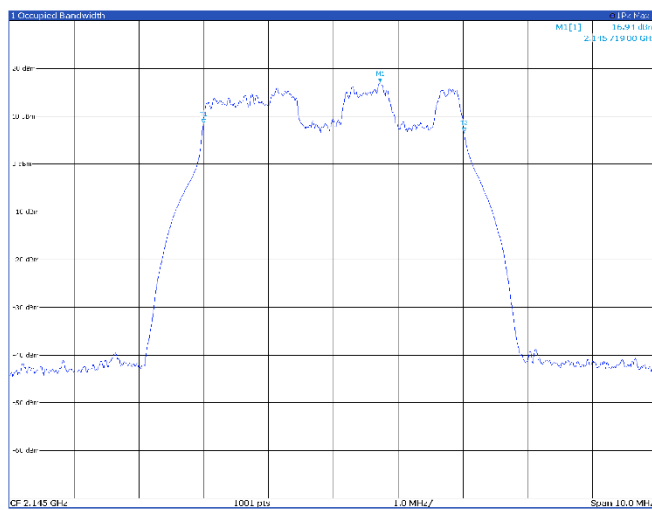
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1776 GHz	15.43 dBm	Occ BW	3.963065544 MHz
T1	1		2.1754922 GHz	9.10 dBm	Occ BW Control	2.177472779 GHz
T2	1		2.1794553 GHz	9.04 dBm	Occ BW Control	2.1794553 GHz

TM3p3, 5 MHz, low channel



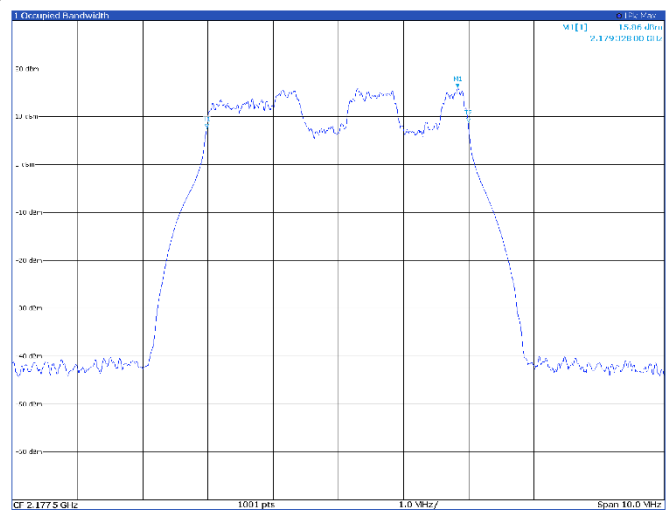
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113249 GHz	16.58 dBm	Occ BW	4.02178914 MHz
T1	1		2.110457 GHz	7.52 dBm	Occ BW Control	2.112497885 GHz
T2	1		2.114553 GHz	7.58 dBm	Occ BW Control	2.114553 GHz

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	4.022980671 MHz
T1	1		2.1445952 GHz	8.42 dBm	Occ BW Control	2.1454054 GHz
T2	1		2.1473367 GHz	8.32 dBm	Occ BW Control	2.1473367 GHz

TM3p3, 5 MHz, high channel

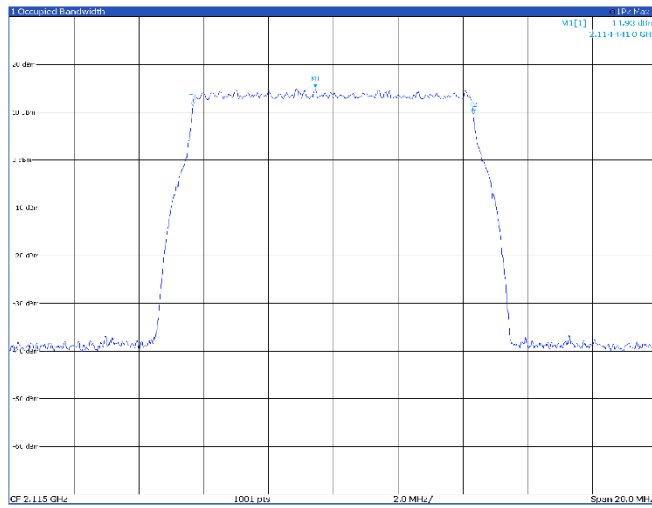


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.179328 GHz	15.86 dBm	Occ BW	4.013097846 MHz
T1	1		2.178479 GHz	7.51 dBm	Occ BW Control	2.1786502 GHz
T2	1		2.179492 GHz	8.02 dBm	Occ BW Control	2.179492 GHz

Band n66

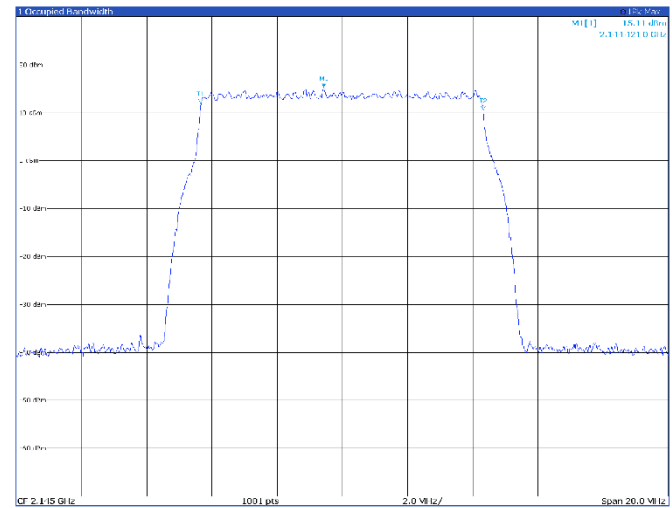
10 MHz

TM1.1, 10 MHz, low channel



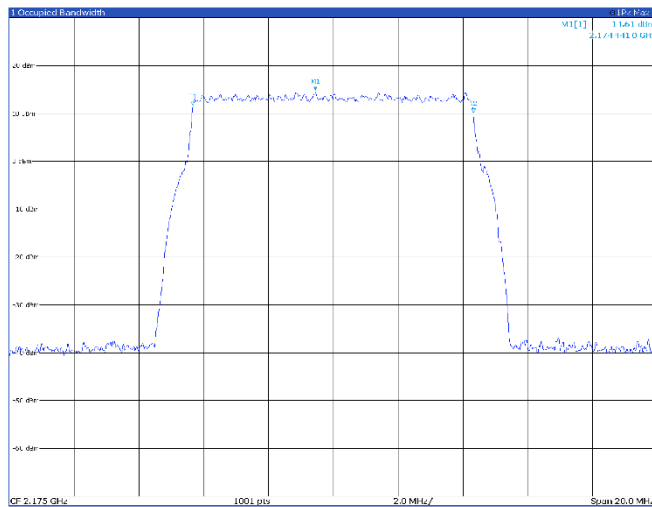
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114441 GHz	14.93 dBm	Occ BW	8.663167016 MHz
T1	1		2.1135559 GHz	11.44 dBm	Occ BW Channel	2.1135559 GHz
T2	1		2.1153261 GHz	9.46 dBm	Occ BW Channel	2.1153261 GHz

TM1.1, 10 MHz, mid channel



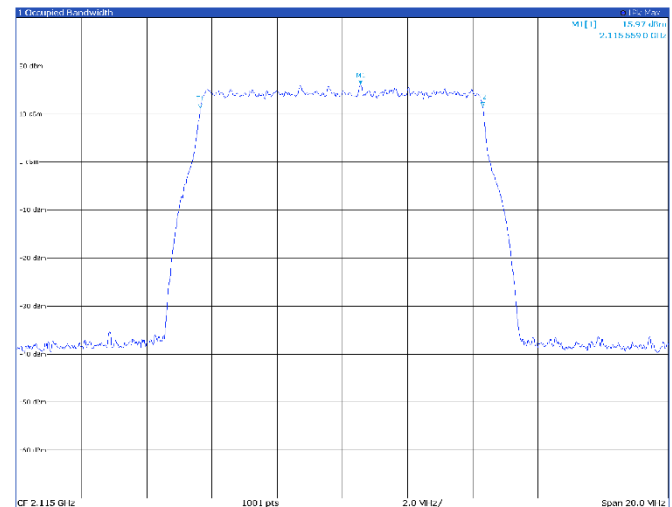
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114421 GHz	15.11 dBm	Occ BW	8.66786046 MHz
T1	1		2.1135559 GHz	11.93 dBm	Occ BW Channel	2.1135559 GHz
T2	1		2.1153261 GHz	10.45 dBm	Occ BW Channel	2.1153261 GHz

TM1.1, 10 MHz, high channel



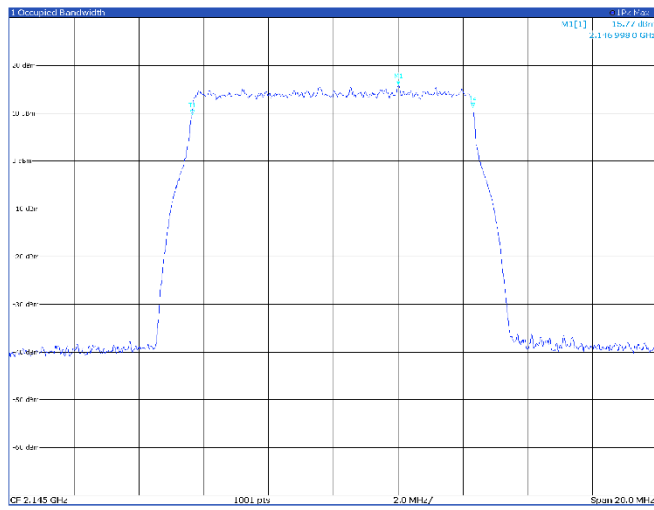
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.114441 GHz	14.61 dBm	Occ BW	8.661355791 MHz
T1	1		2.1135559 GHz	11.44 dBm	Occ BW Channel	2.1135559 GHz
T2	1		2.1153261 GHz	10.45 dBm	Occ BW Channel	2.1153261 GHz

TM3p1, 10 MHz, low channel



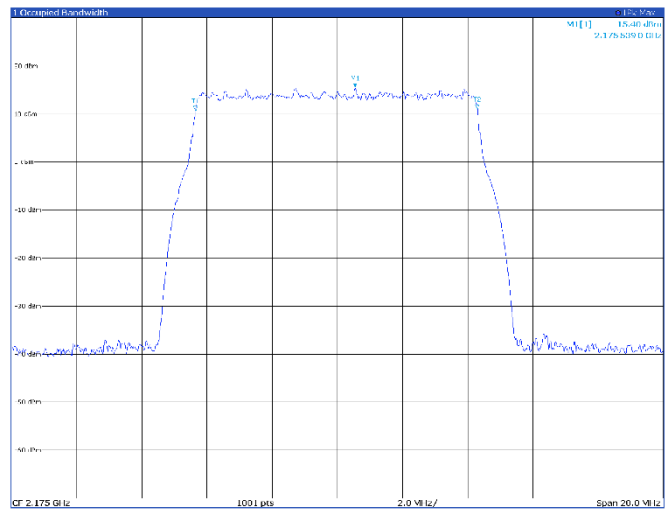
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.115559 GHz	15.97 dBm	Occ BW	8.664177353 MHz
T1	1		2.1135559 GHz	11.44 dBm	Occ BW Channel	2.1135559 GHz
T2	1		2.1153261 GHz	10.45 dBm	Occ BW Channel	2.1153261 GHz

TM3p1, 10 MHz, mid channel



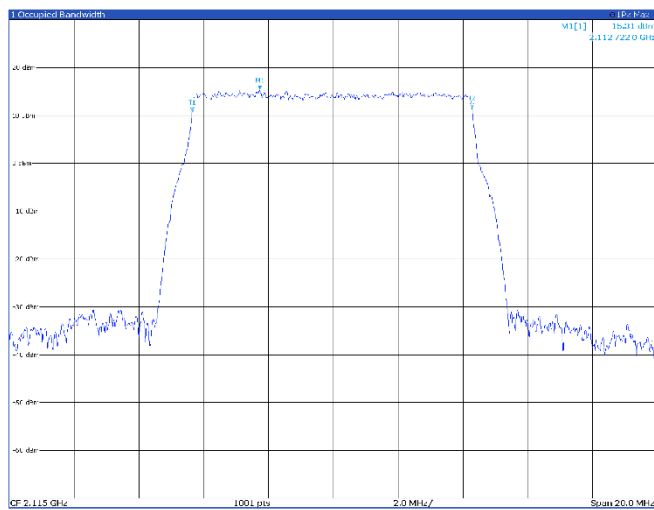
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.146998 GHz	15.77 dBm	Occ 5w	8.649433648 MHz
P1	1		2.146998 GHz	15.77 dBm	Occ 5w Channel	2.146998 GHz
P1	1		2.146998 GHz	15.77 dBm	Occ 5w Channel	2.146998 GHz

TM3p1, 10 MHz, high channel



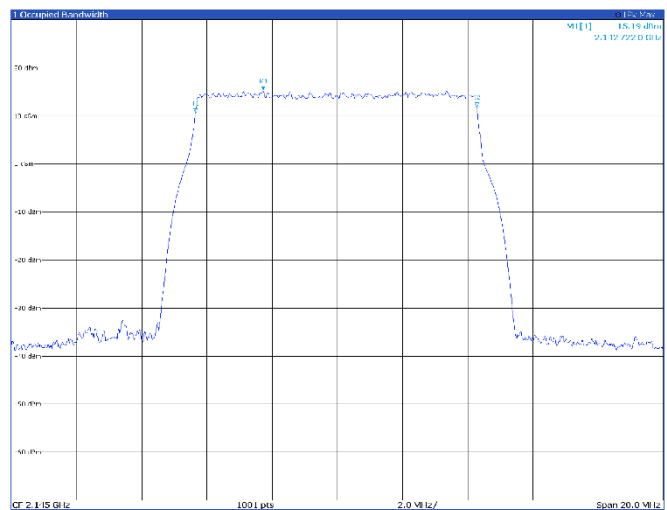
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.175539 GHz	15.40 dBm	Occ 5w	8.645994411 MHz
P1	1		2.175539 GHz	15.40 dBm	Occ 5w Channel	2.175539 GHz
P1	1		2.175539 GHz	15.40 dBm	Occ 5w Channel	2.175539 GHz

TM3p1a, 10 MHz, low channel



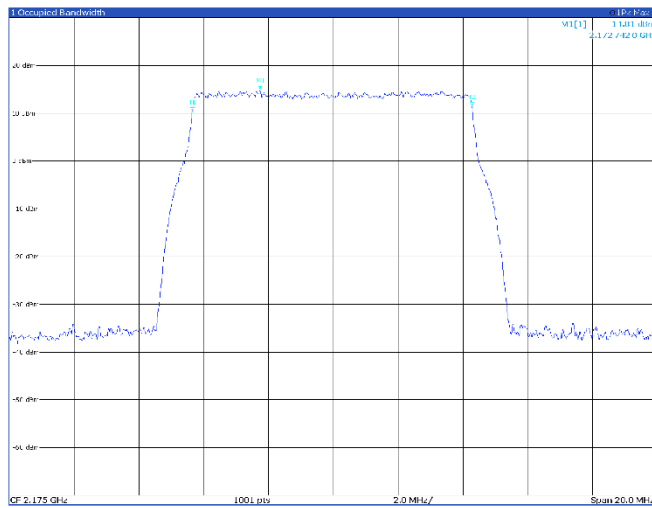
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.112722 GHz	15.51 dBm	Occ 5w	8.632945446 MHz
P1	1		2.112722 GHz	15.51 dBm	Occ 5w Channel	2.112722 GHz
P1	1		2.112722 GHz	15.51 dBm	Occ 5w Channel	2.112722 GHz

TM3p1a, 10 MHz, mid channel



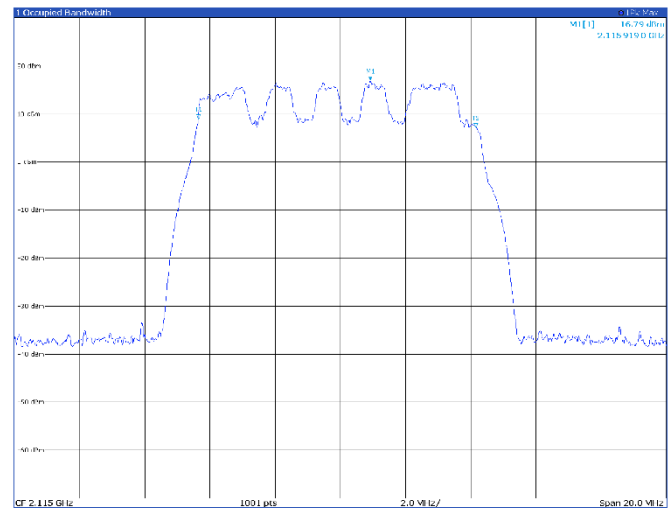
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.142722 GHz	15.19 dBm	Occ 5w	8.633107937 MHz
P1	1		2.142722 GHz	15.19 dBm	Occ 5w Channel	2.142722 GHz
P1	1		2.142722 GHz	15.19 dBm	Occ 5w Channel	2.142722 GHz

TM3p1a, 10 MHz, high channel



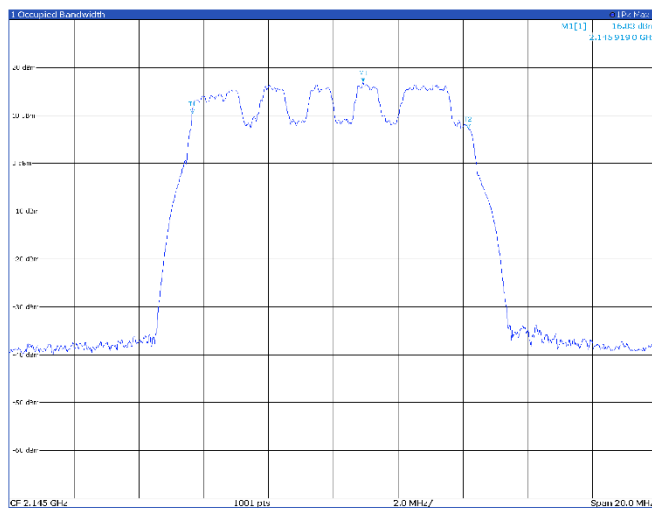
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.172742 GHz	14.81 dBm	Occ 5w	8.629781848 MHz
P1	1		2.172742 GHz	14.81 dBm	Occ 5w	2.172742 GHz
P1	1		2.172742 GHz	14.81 dBm	Occ 5w	2.172742 GHz

TM3p3, 10 MHz, low channel



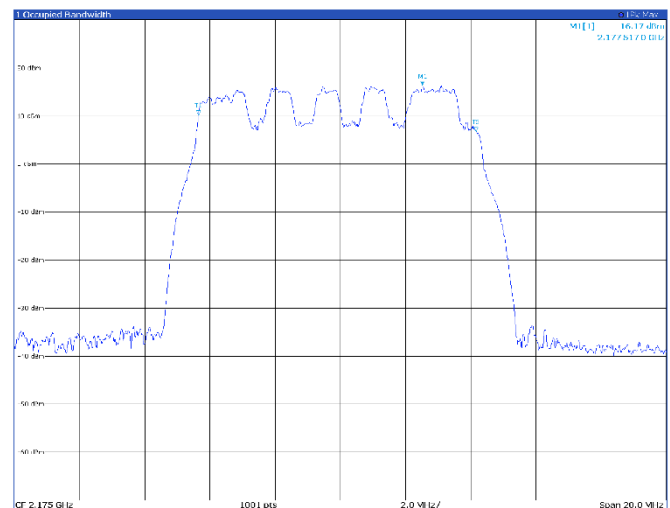
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.115919 GHz	16.79 dBm	Occ 5w	8.51110378 MHz
P1	1		2.115919 GHz	16.79 dBm	Occ 5w	2.115919 GHz
P1	1		2.115919 GHz	16.79 dBm	Occ 5w	2.115919 GHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.145919 GHz	16.83 dBm	Occ 5w	8.518434973 MHz
P1	1		2.145919 GHz	16.83 dBm	Occ 5w	2.145919 GHz
P1	1		2.145919 GHz	16.83 dBm	Occ 5w	2.145919 GHz

TM3p3, 10 MHz, high channel

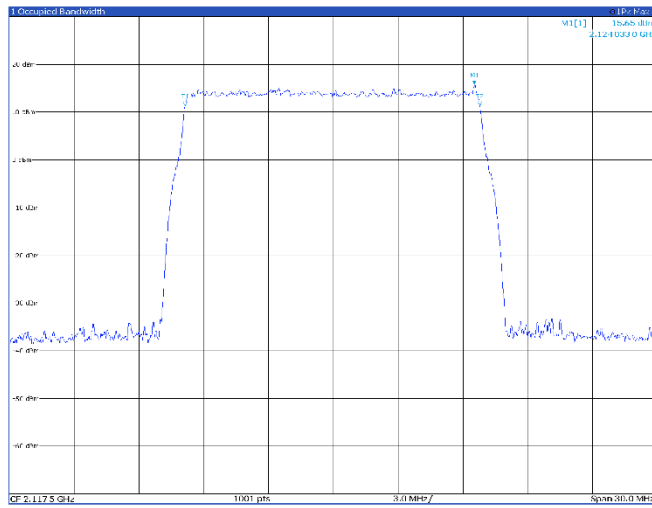


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		2.177517 GHz	16.17 dBm	Occ 5w	8.518256742 MHz
P1	1		2.177517 GHz	16.17 dBm	Occ 5w	2.177517 GHz
P1	1		2.177517 GHz	16.17 dBm	Occ 5w	2.177517 GHz

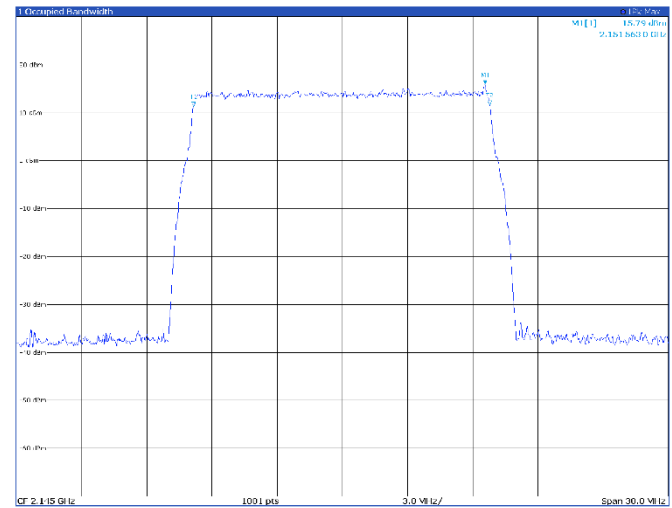
Band n66

15 MHz

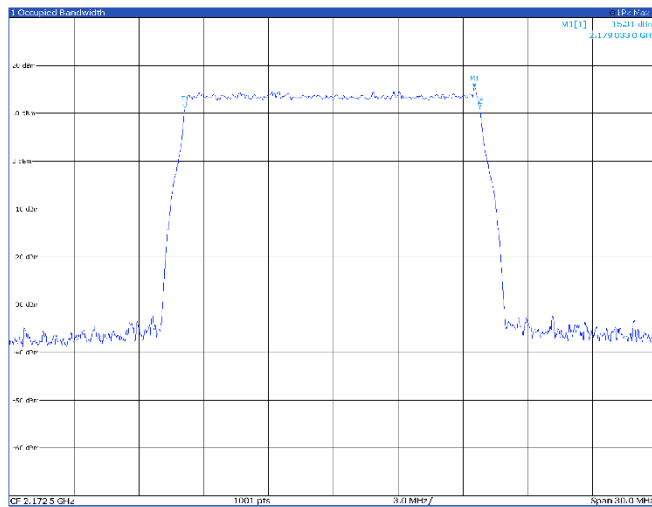
TM1.1, 15 MHz, low channel



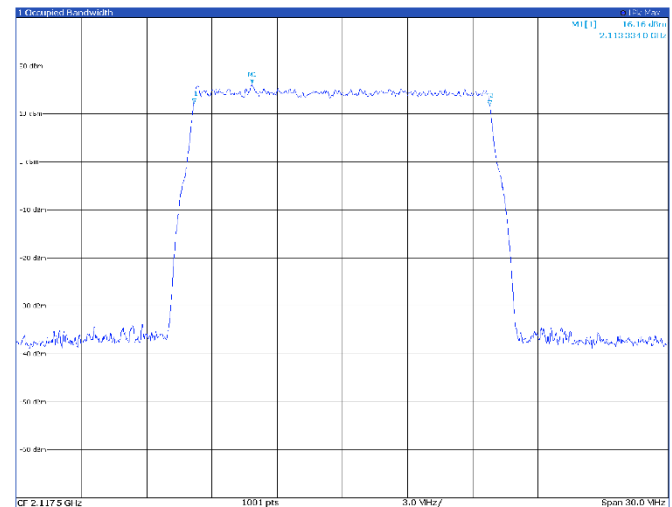
TM1.1, 15 MHz, mid channel



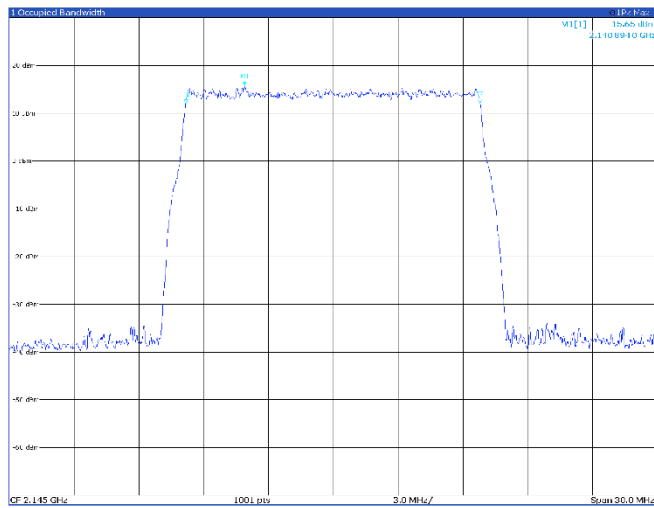
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

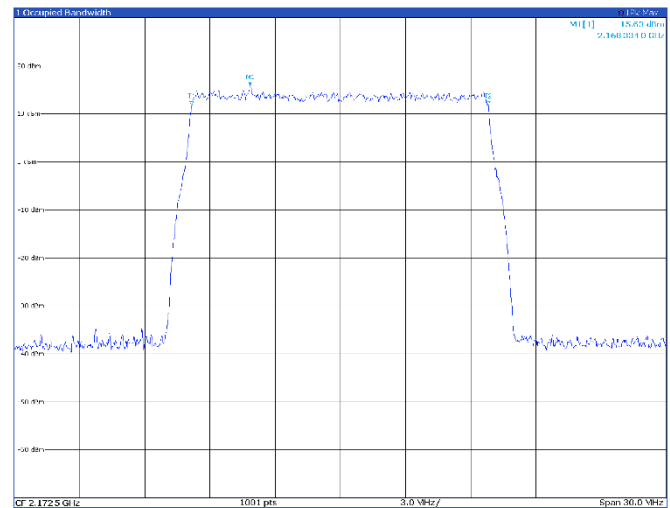


TM3p1, 15 MHz, mid channel



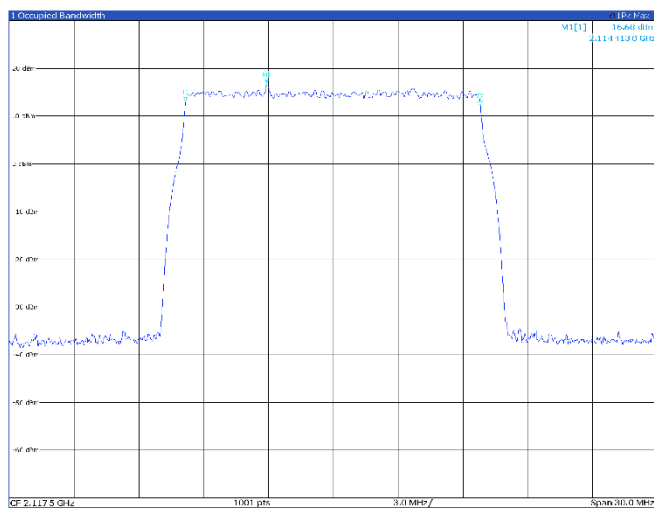
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
P1	1		2.140894 GHz	15.65 dBm		Occ 5w	13.615652754 MHz
P1	1		2.135721 GHz	11.74 dBm		Occ 5w Channel	2.134575912 GHz
P1	1		2.146167 GHz	11.74 dBm		Occ 5w Channel	2.145312625 GHz

TM3p1, 15 MHz, high channel



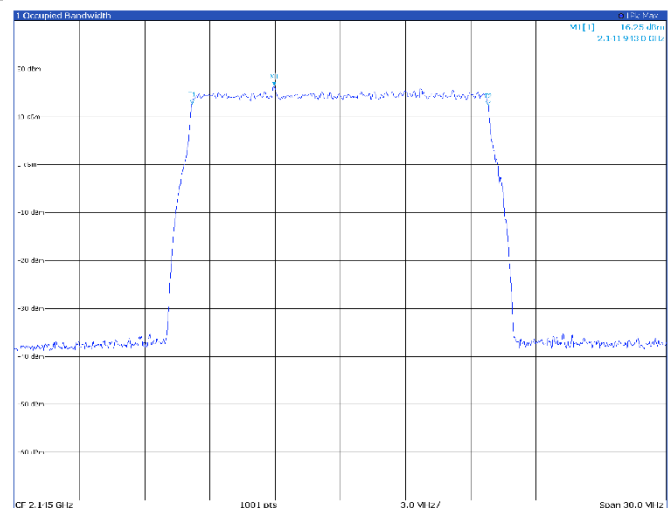
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
P1	1		2.168334 GHz	15.63 dBm		Occ 5w	13.628256405 MHz
P1	1		2.163652 GHz	11.65 dBm		Occ 5w Channel	2.162476145 GHz
P1	1		2.173190 GHz	11.65 dBm		Occ 5w Channel	2.172310474 GHz

TM3p1a, 15 MHz, low channel

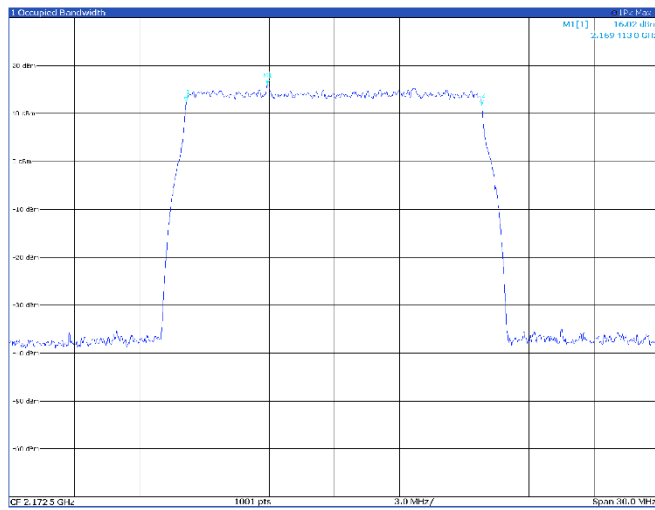


Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
P1	1		2.114413 GHz	16.68 dBm		Occ 5w	13.630088931 MHz
P1	1		2.109649 GHz	12.95 dBm		Occ 5w Channel	2.111479300 GHz
P1	1		2.119186 GHz	12.95 dBm		Occ 5w Channel	2.118654650 GHz

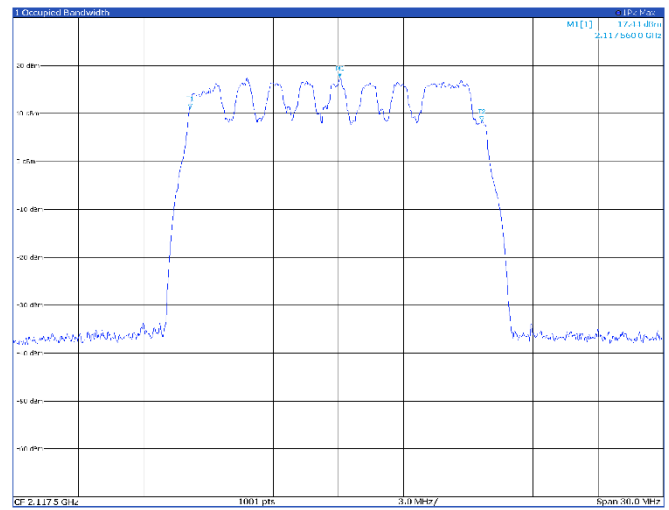
TM3p1a, 15 MHz, mid channel



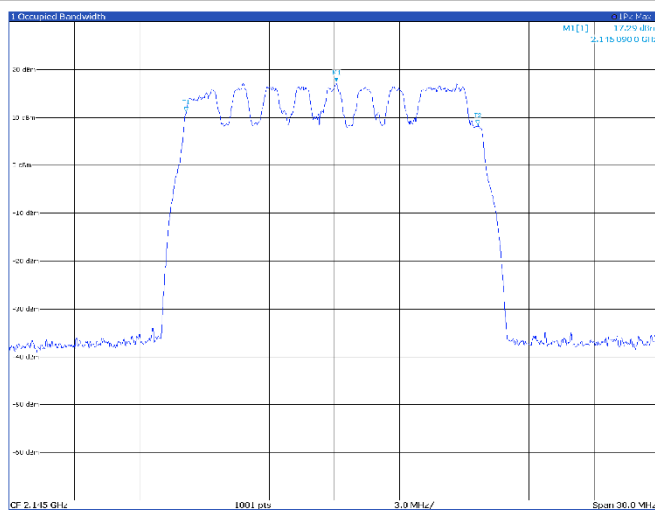
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
P1	1		2.141943 GHz	16.25 dBm		Occ 5w	13.631538434 MHz
P1	1		2.137293 GHz	12.61 dBm		Occ 5w Channel	2.13906072 GHz
P1	1		2.146195 GHz	12.61 dBm		Occ 5w Channel	2.145291649 GHz

TM3p1a, 15 MHz, high channel


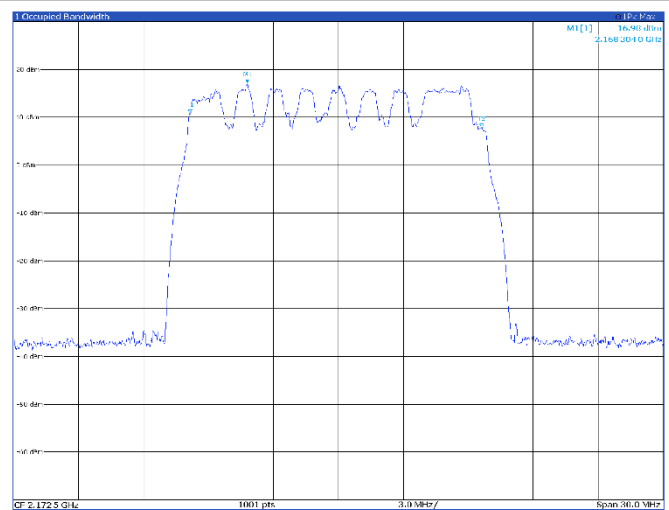
Marker	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.169413 GHz	16.02	dBm	Occ. BW	13.635570694 MHz
M2	1	2.169413 GHz	12.34	dBm	Occ. BW	2.171479799 GHz
M3	1	2.169413 GHz	1.7	dBm	Occ. BW	2.171479799 GHz

TM3p3, 15 MHz, low channel


Marker	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.11756 GHz	17.44	dBm	Occ. BW	13.467592837 MHz
M2	1	2.11756 GHz	11.04	dBm	Occ. BW	2.117302510 GHz
M3	1	2.11756 GHz	8.44	dBm	Occ. BW	2.117302510 GHz

TM3p3, 15 MHz, mid channel


Marker	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.14509 GHz	17.29	dBm	Occ. BW	13.471219794 MHz
M2	1	2.14509 GHz	11.22	dBm	Occ. BW	2.144591904 GHz
M3	1	2.14509 GHz	8.44	dBm	Occ. BW	2.144591904 GHz

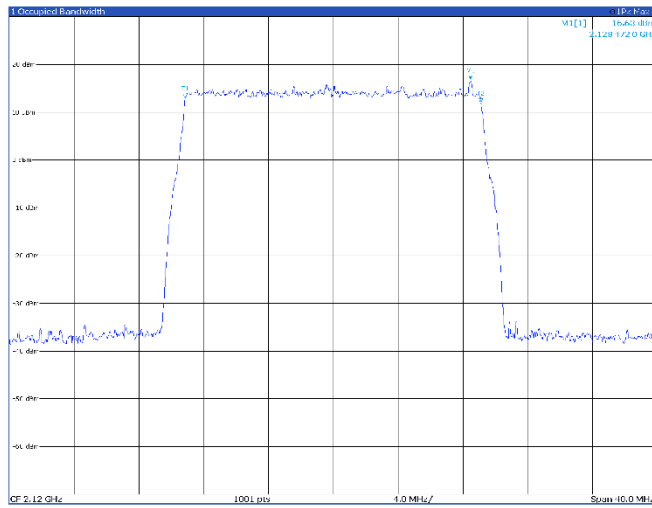
TM3p3, 15 MHz, high channel


Marker	Ref	Freq	Value	Unit	Function	Function Result
M1	1	2.168304 GHz	16.98	dBm	Occ. BW	13.467811227 MHz
M2	1	2.168304 GHz	10.71	dBm	Occ. BW	2.17230424 GHz
M3	1	2.168304 GHz	7.77	dBm	Occ. BW	2.17230424 GHz

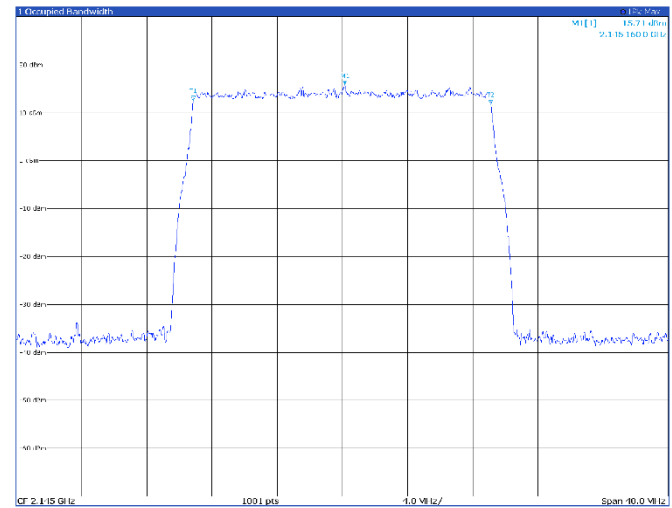
Band n66

20 MHz

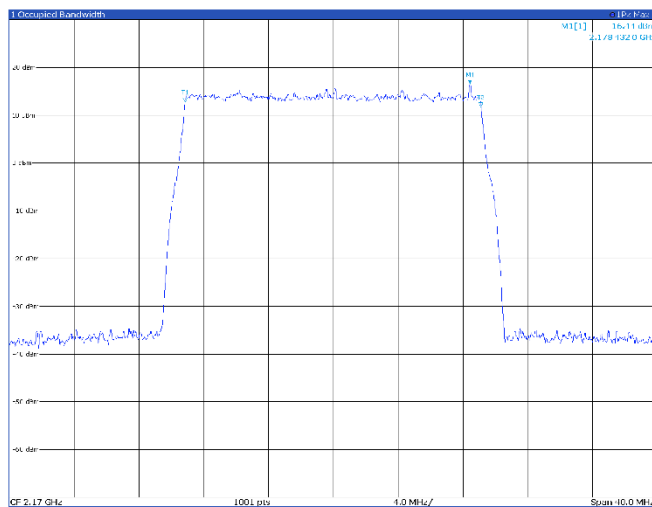
TM1.1, 20 MHz, low channel



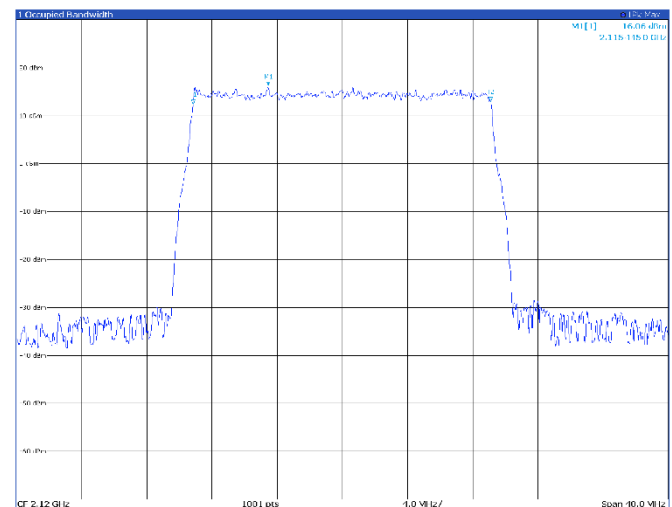
TM1.1, 20 MHz, mid channel



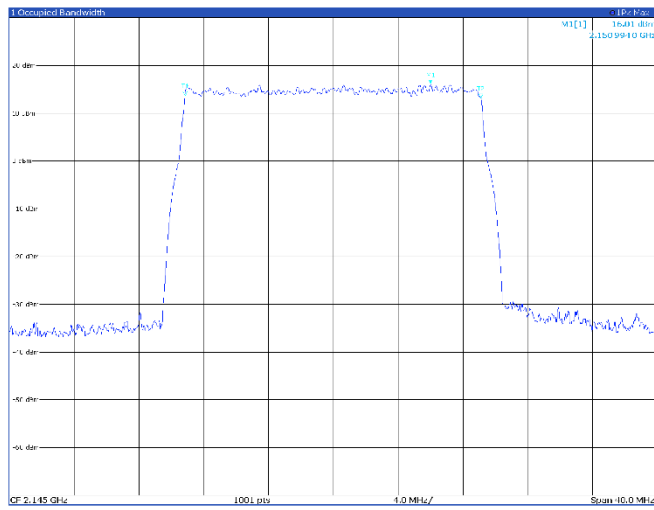
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

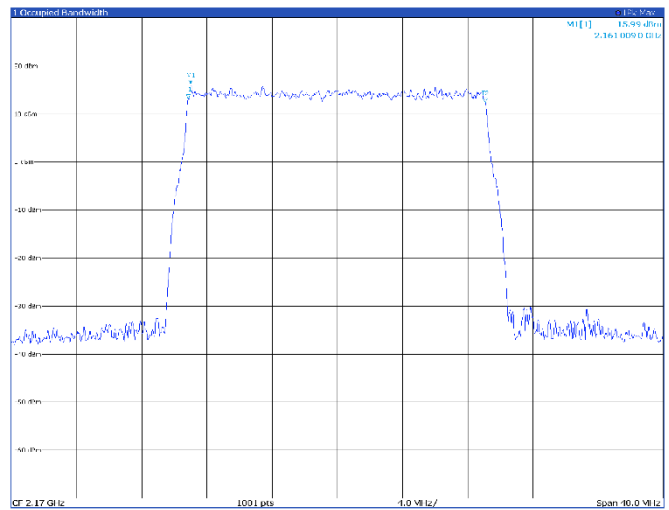


TM3p1, 20 MHz, mid channel



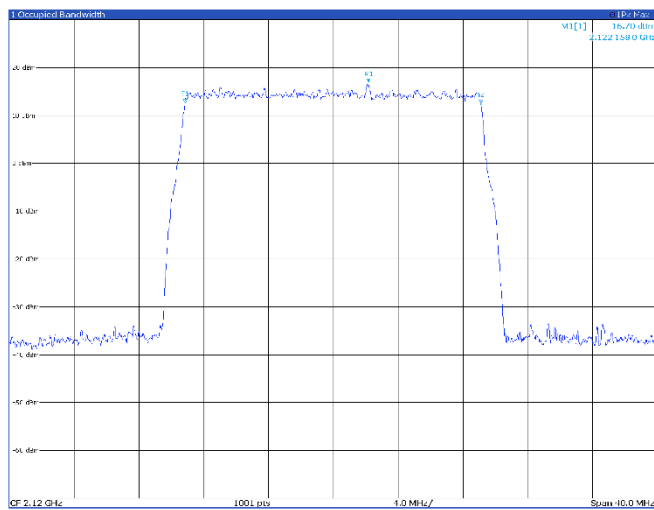
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.150994 GHz	16.01 dBm	Occ Sw	18.264042309 MHz
M2	1		2.150994 GHz	16.01 dBm	Occ Sw	2.150994 GHz
M3	1		2.150994 GHz	16.01 dBm	Occ Sw	2.150994 GHz

TM3p1, 20 MHz, high channel



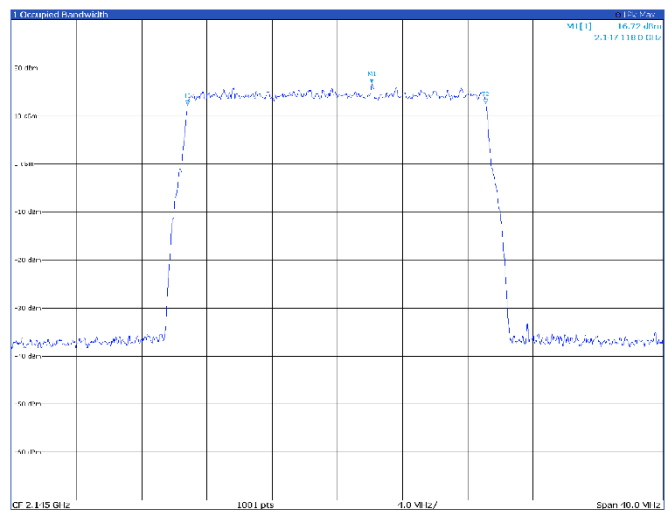
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.161009 GHz	15.99 dBm	Occ Sw	18.239882431 MHz
M2	1		2.161009 GHz	15.99 dBm	Occ Sw	2.161009 GHz
M3	1		2.161009 GHz	15.99 dBm	Occ Sw	2.161009 GHz

TM3p1a, 20 MHz, low channel



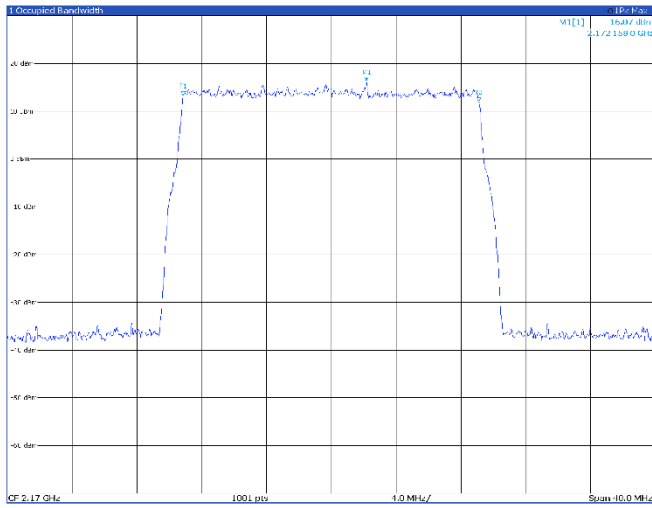
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.122158 GHz	16.70 dBm	Occ Sw	18.263840537 MHz
M2	1		2.122158 GHz	16.70 dBm	Occ Sw	2.122158 GHz
M3	1		2.122158 GHz	16.70 dBm	Occ Sw	2.122158 GHz

TM3p1a, 20 MHz, mid channel



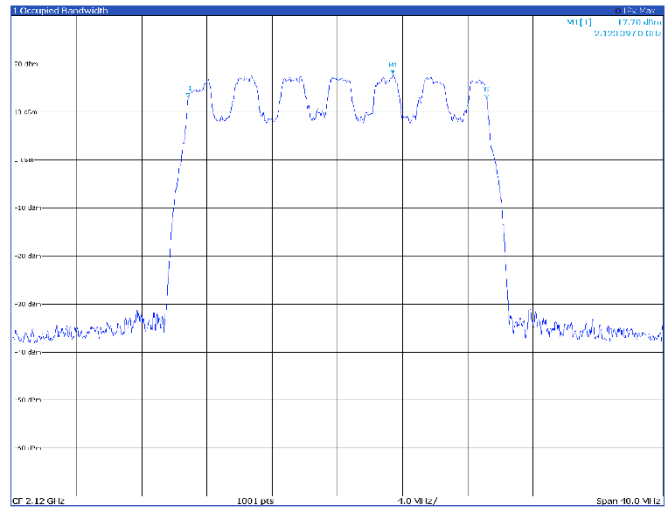
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147118 GHz	16.72 dBm	Occ Sw	18.271732977 MHz
M2	1		2.147118 GHz	16.72 dBm	Occ Sw	2.147118 GHz
M3	1		2.147118 GHz	16.72 dBm	Occ Sw	2.147118 GHz

TM3p1a, 20 MHz, high channel



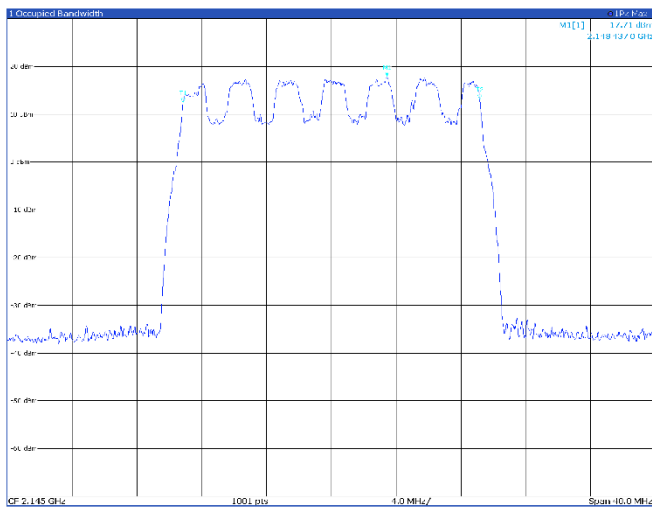
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.172138 GHz	16.07 dBm	Occ Sw	18.260772586 MHz
M1	1		2.1690250 GHz	15.24 dBm	Occ Sw Control	2.1690250 GHz
M2	1		2.1720250 GHz	15.36 dBm	Occ Sw Control	2.1720250 GHz

TM3p3, 20 MHz, low channel



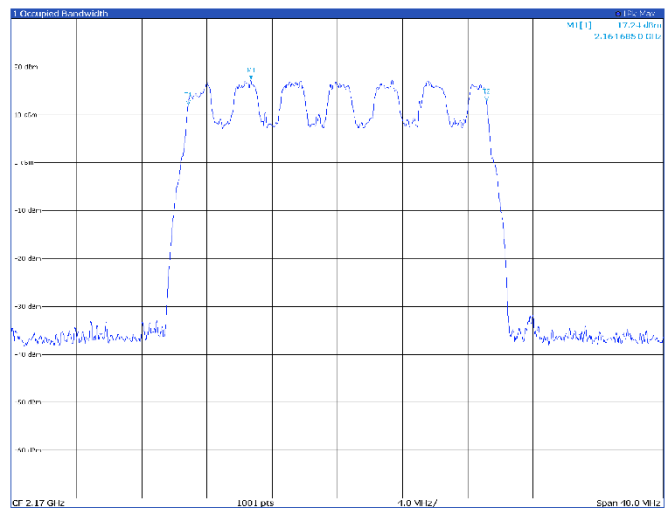
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.123397 GHz	17.76 dBm	Occ Sw	18.312311527 MHz
M1	1		2.1190515 GHz	12.61 dBm	Occ Sw Control	2.1190515 GHz
M2	1		2.1230333 GHz	15.43 dBm	Occ Sw Control	2.1230333 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.148437 GHz	17.71 dBm	Occ Sw	18.303964988 MHz
M1	1		2.145950 GHz	12.45 dBm	Occ Sw Control	2.1459500 GHz
M2	1		2.148162 GHz	13.16 dBm	Occ Sw Control	2.1481620 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 Sw	18.311908725 MHz
M1	1		2.160150 GHz	12.03 dBm	Occ Sw Control	2.1601500 GHz
M2	1		2.164019 GHz	13.03 dBm	Occ Sw Control	2.1640190 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

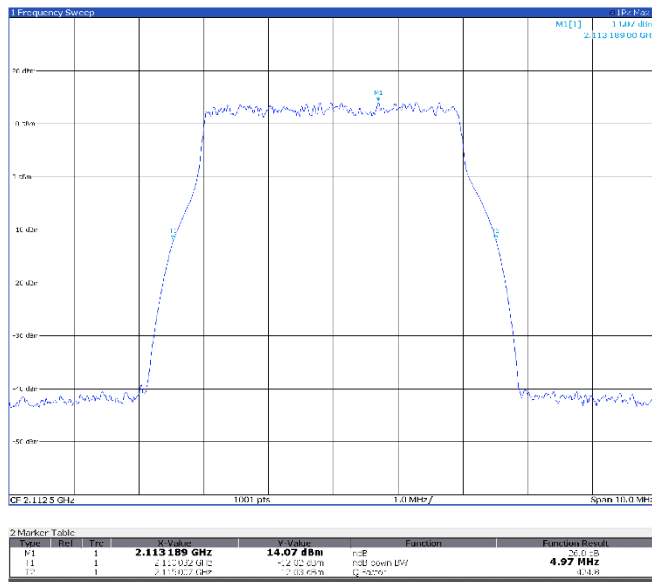
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM1.1	2117.5	15.07
n66	15 MHz	TM1.1	2145.0	15.07
n66	15 MHz	TM1.1	2172.5	15.11
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n66	15 MHz	TM3p1	2117.5	15.04
n66	15 MHz	TM3p1	2145.0	15.07
n66	15 MHz	TM3p1	2172.5	15.04
Band	OBW Declared	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

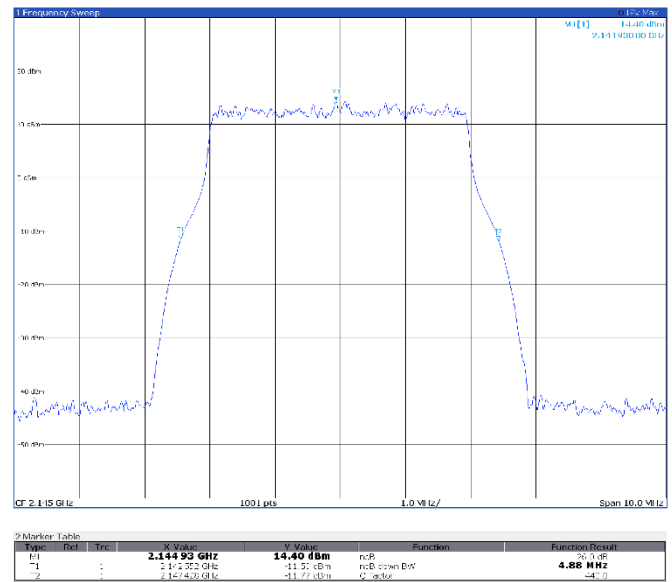
Band n66

5 MHz

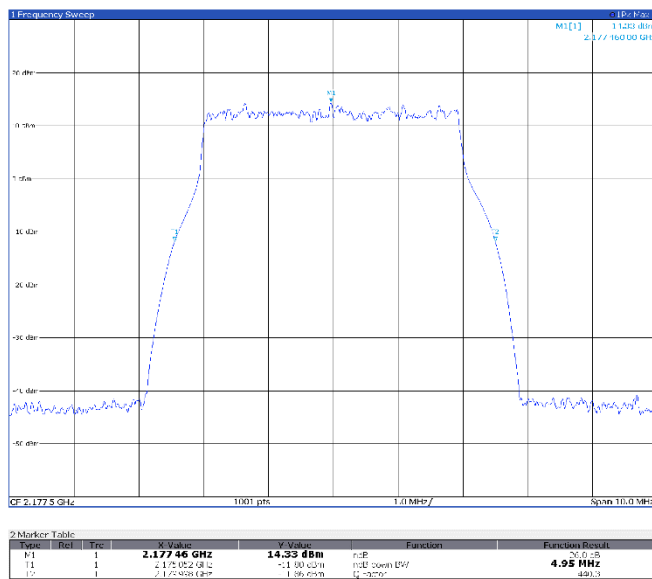
TM1.1, 5 MHz, low channel



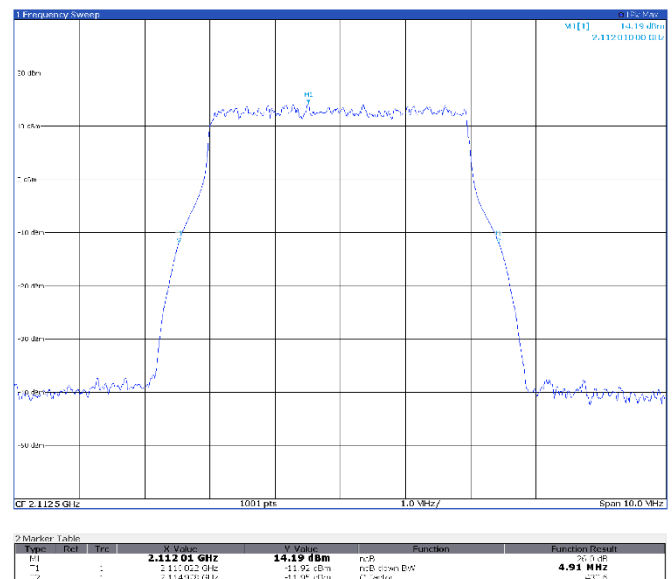
TM1.1, 5 MHz, mid channel



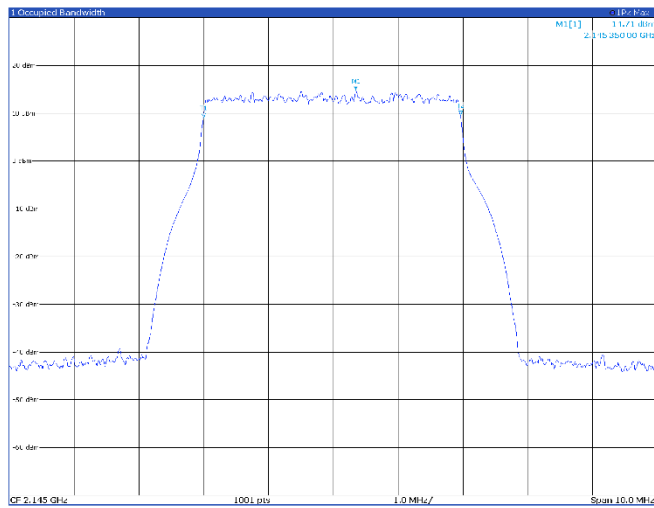
TM1.1, 5 MHz, high channel



TM3p1, 5 MHz, low channel

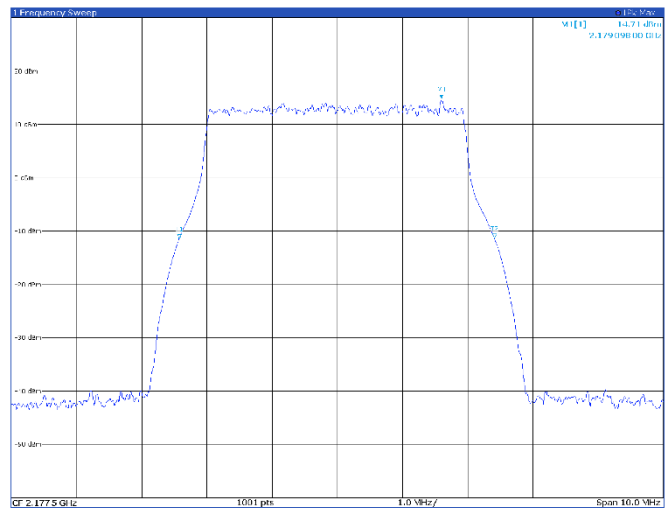


TM3p1, 5 MHz, mid channel



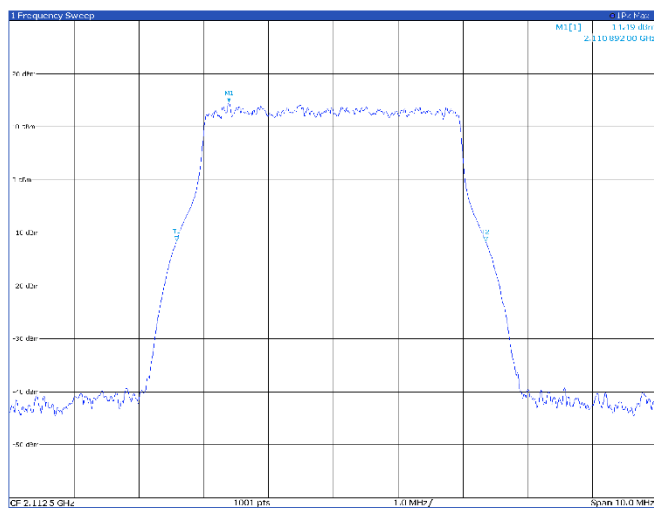
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	-	-	2.14535 GHz	14.71 dBm	nB	Off: Set	3.968155169 MHz
F1	-	-	2.14535 GHz	14.71 dBm	nB	Off: Set	3.968155169 MHz
F2	-	-	2.14535 GHz	14.71 dBm	nB	Off: Set	3.968155169 MHz

TM3p1, 5 MHz, high channel



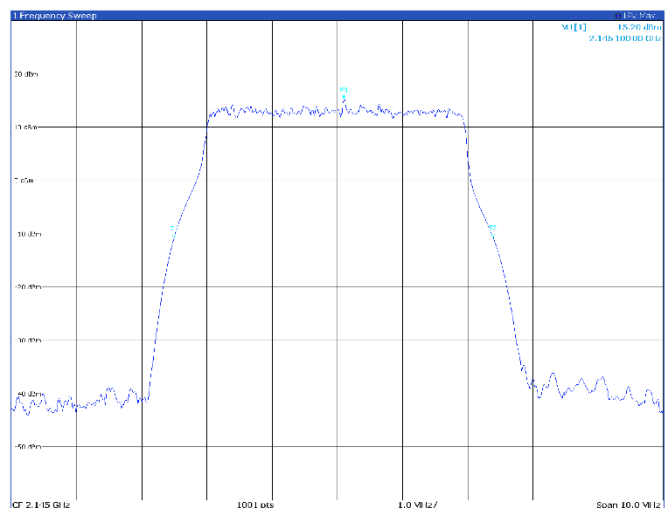
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	-	-	2.175098 GHz	14.71 dBm	nB	Off: Set	4.83 MHz
F1	-	-	2.175098 GHz	14.71 dBm	nB	Off: Set	4.83 MHz
F2	-	-	2.175098 GHz	14.71 dBm	nB	Off: Set	4.83 MHz

TM3p1a, 5 MHz, low channel

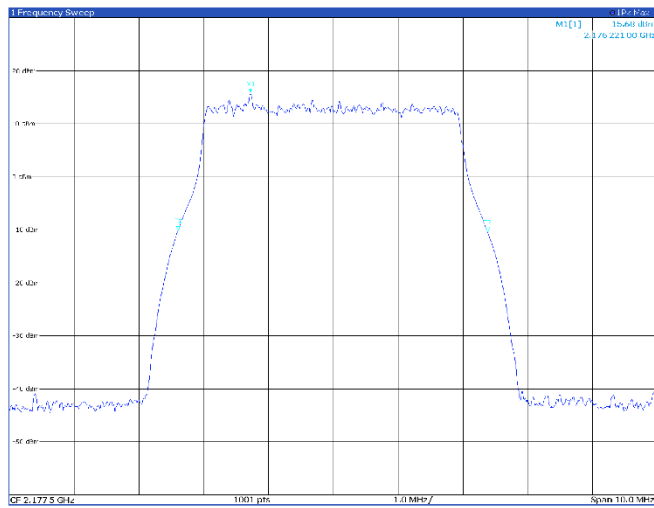


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	-	-	2.110892 GHz	14.49 dBm	nB	Off: Set	4.76 MHz
F1	-	-	2.110892 GHz	14.49 dBm	nB	Off: Set	4.76 MHz
F2	-	-	2.110892 GHz	14.49 dBm	nB	Off: Set	4.76 MHz

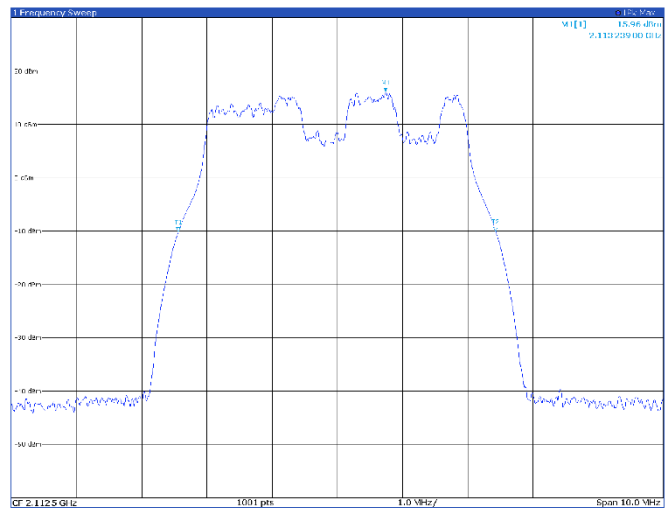
TM3p1a, 5 MHz, mid channel



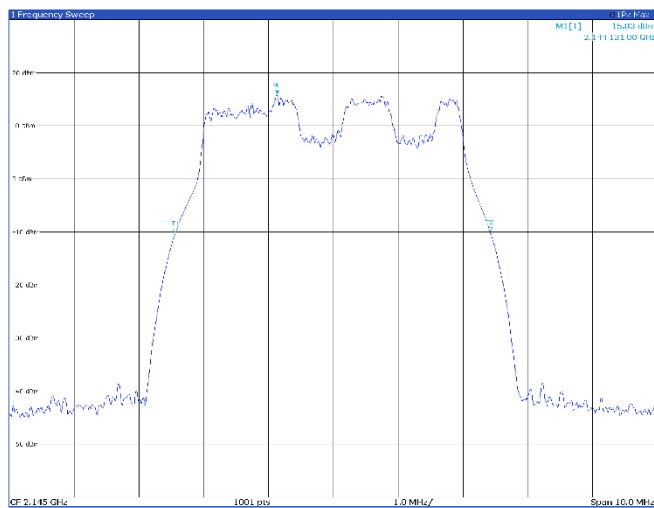
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	-	-	2.1451 GHz	15.20 dBm	nB	Off: Set	4.89 MHz
F1	-	-	2.1451 GHz	15.20 dBm	nB	Off: Set	4.89 MHz
F2	-	-	2.1451 GHz	15.20 dBm	nB	Off: Set	4.89 MHz

TM3p1a, 5 MHz, high channel


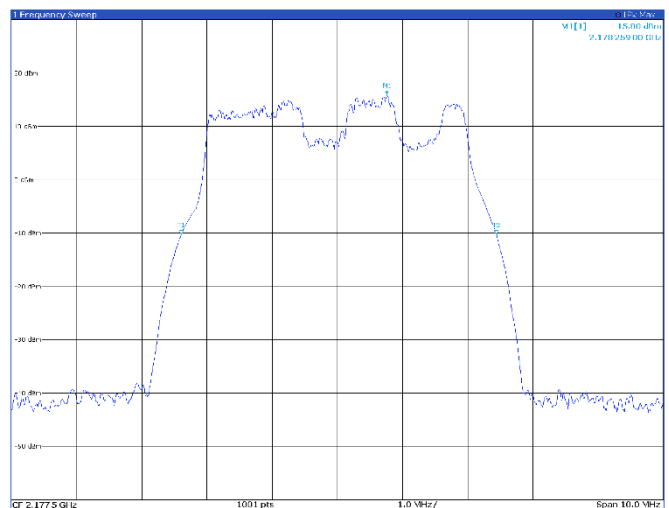
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.176 221 GHz	15.68 dBm	nB	15.68 dBm
T1	1		2.175 112 GHz	-10.10 dBm	nB down BW	-10.10 dBm
T2	1		2.177 330 GHz	-10.10 dBm	nB down BW	-10.10 dBm

TM3p3, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113 239 GHz	15.96 dBm	nB	15.96 dBm
T1	1		2.111 052 GHz	-10.11 dBm	nB down BW	-10.11 dBm
T2	1		2.114 933 GHz	-10.11 dBm	nB down BW	-10.11 dBm

TM3p3, 5 MHz, mid channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.144 131 GHz	15.83 dBm	nB	15.83 dBm
T1	1		2.142 302 GHz	-10.19 dBm	nB down BW	-10.19 dBm
T2	1		2.145 916 GHz	-10.19 dBm	nB down BW	-10.19 dBm

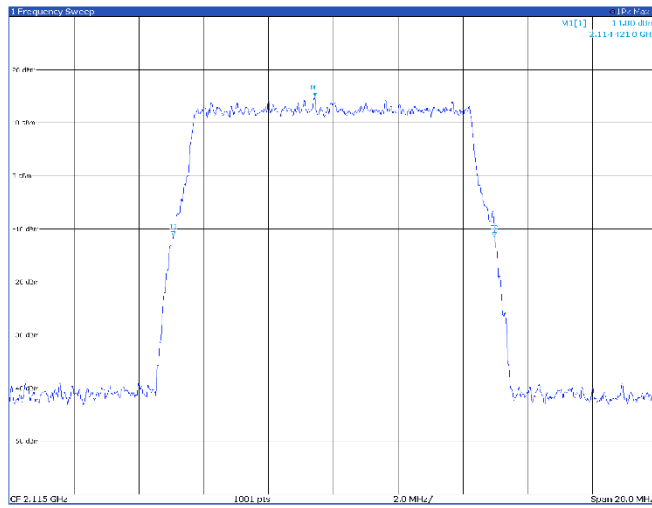
TM3p3, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.176 259 GHz	15.80 dBm	nB	15.80 dBm
T1	1		2.174 112 GHz	-10.20 dBm	nB down BW	-10.20 dBm
T2	1		2.178 933 GHz	-10.20 dBm	nB down BW	-10.20 dBm

Band n66

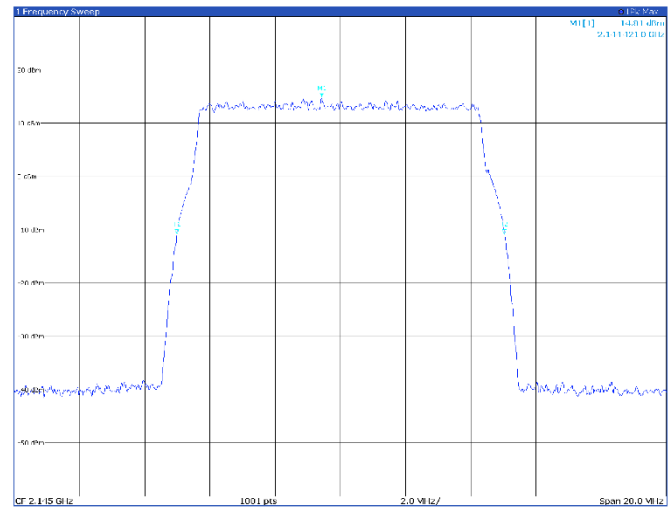
10 MHz

TM1.1, 10 MHz, low channel



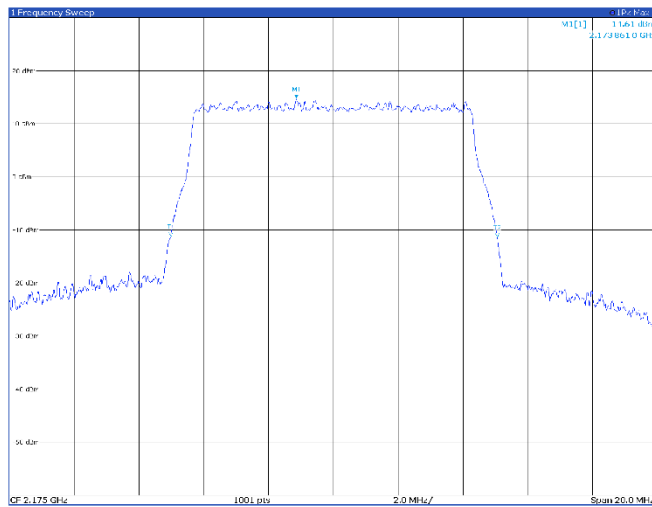
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.114421 GHz	14.80 dBm	nB	20.0 dB	9.91 MHz
M2	1		2.114421 GHz	-1.34 dBm	nB	20.0 dB	9.91 MHz
M3	1		2.114421 GHz	-1.34 dBm	nB	20.0 dB	9.91 MHz

TM1.1, 10 MHz, mid channel



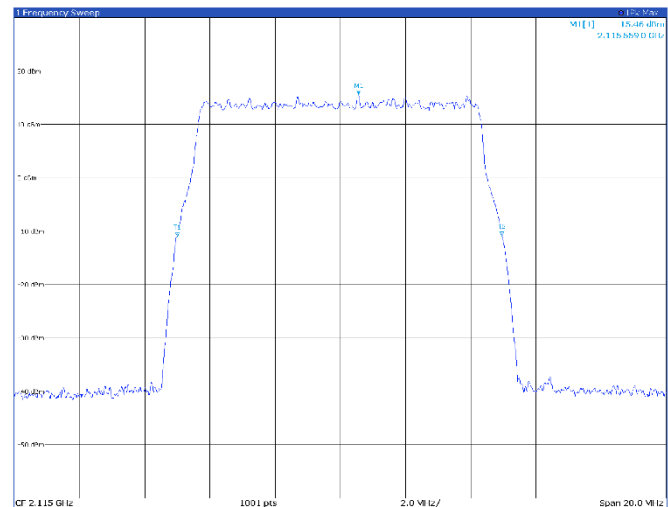
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.114421 GHz	14.81 dBm	nB	20.0 dB	10.05 MHz
M2	1		2.114421 GHz	-1.34 dBm	nB	20.0 dB	10.05 MHz
M3	1		2.114421 GHz	-1.34 dBm	nB	20.0 dB	10.05 MHz

TM1.1, 10 MHz, high channel



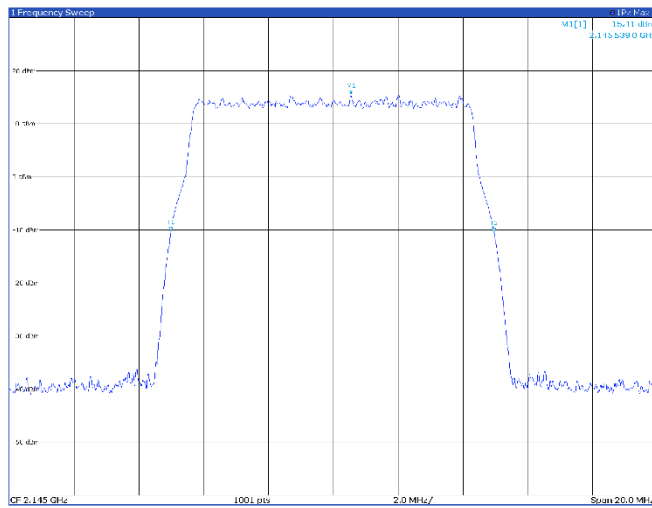
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.113861 GHz	14.61 dBm	nB	20.0 dB	10.07 MHz
M2	1		2.113861 GHz	-1.24 dBm	nB	20.0 dB	10.07 MHz
M3	1		2.113861 GHz	-1.24 dBm	nB	20.0 dB	10.07 MHz

TM3p1, 10 MHz, low channel



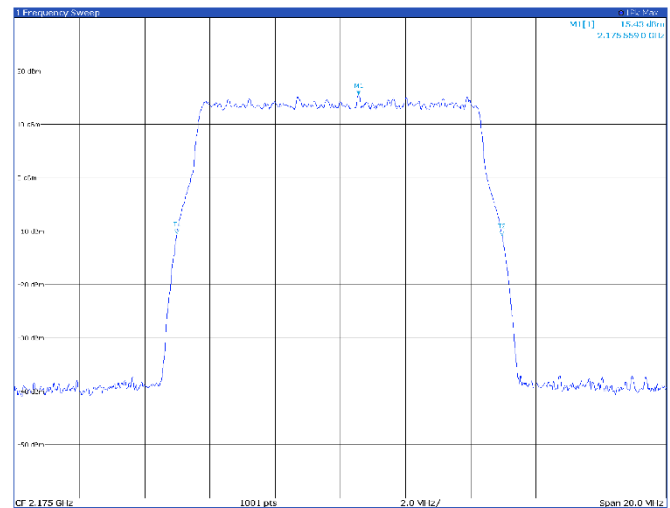
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.115559 GHz	15.46 dBm	nB	20.0 dB	9.95 MHz
M2	1		2.115559 GHz	-1.07 dBm	nB	20.0 dB	9.95 MHz
M3	1		2.115559 GHz	-1.07 dBm	nB	20.0 dB	9.95 MHz

TM3p1, 10 MHz, mid channel



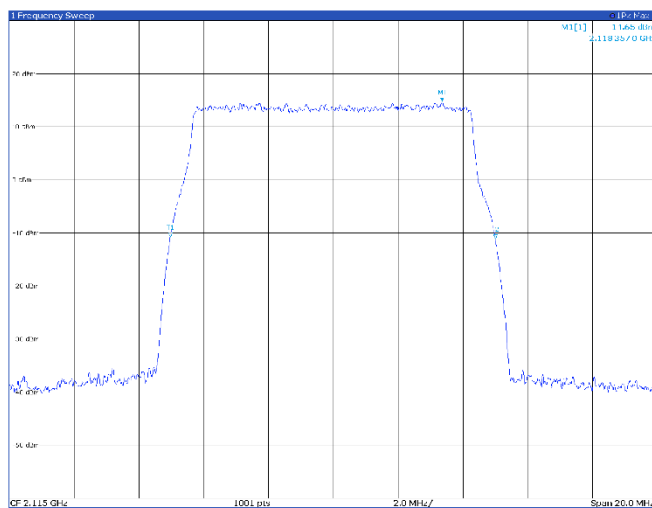
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		2.145 539 GHz	15.41 dBm	nB	20.0 dB	9.97 MHz
F1	1		2.145 539 GHz	-10.27 dBm	nB	down BW	21.30
F2	1		2.175 539 GHz	-10.27 dBm	nB	up BW	21.30

TM3p1, 10 MHz, high channel



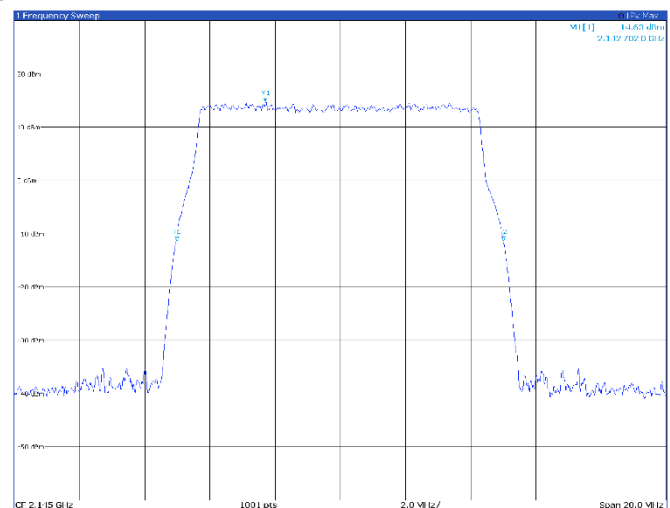
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		2.175 539 GHz	15.43 dBm	nB	20.0 dB	9.97 MHz
F1	1		2.175 539 GHz	-10.52 dBm	nB	down BW	21.30
F2	1		2.195 539 GHz	-10.52 dBm	nB	up BW	21.30

TM3p1a, 10 MHz, low channel



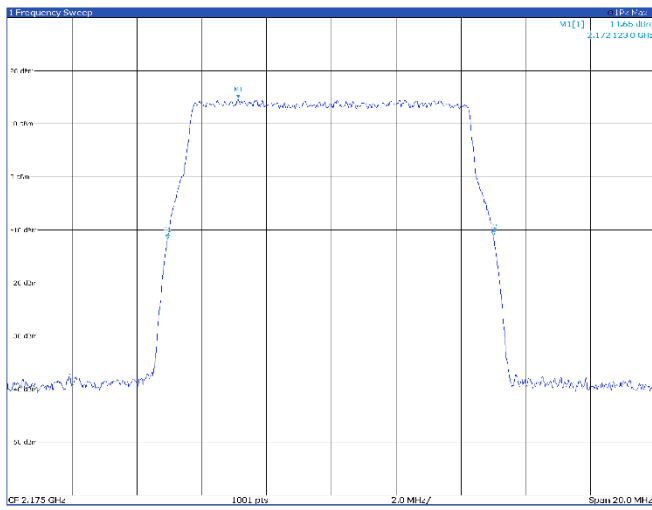
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		2.115 357 GHz	14.65 dBm	nB	20.0 dB	10.03 MHz
F1	1		2.115 357 GHz	-10.78 dBm	nB	down BW	21.30
F2	1		2.135 357 GHz	-10.78 dBm	nB	up BW	21.30

TM3p1a, 10 MHz, mid channel



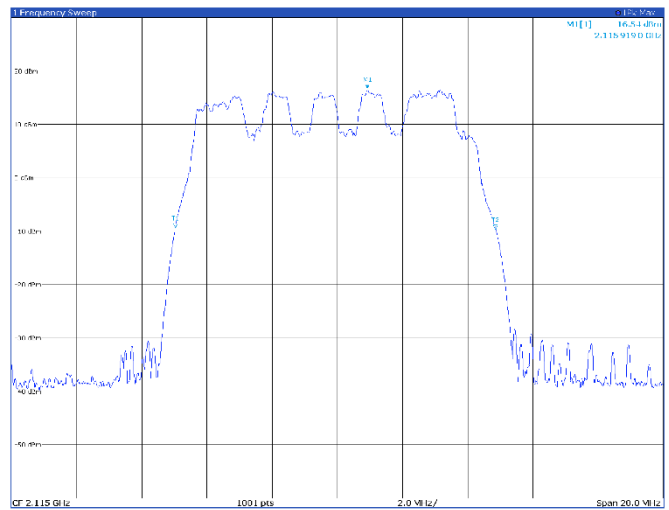
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		2.142 702 GHz	14.63 dBm	nB	20.0 dB	10.01 MHz
F1	1		2.142 702 GHz	-11.45 dBm	nB	down BW	21.30
F2	1		2.162 702 GHz	-11.45 dBm	nB	up BW	21.30

TM3p1a, 10 MHz, high channel



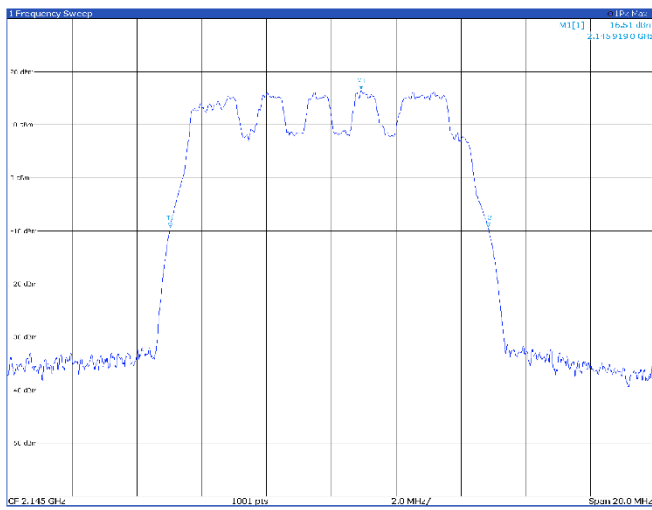
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.172123 GHz	14.65 dBm	nB	20.0 dB
F1	1		2.172123 GHz	14.65 dBm	nB down BW	10.05 MHz
F1	1		2.172123 GHz	14.65 dBm	nB down BW	20.0 MHz

TM3p3, 10 MHz, low channel



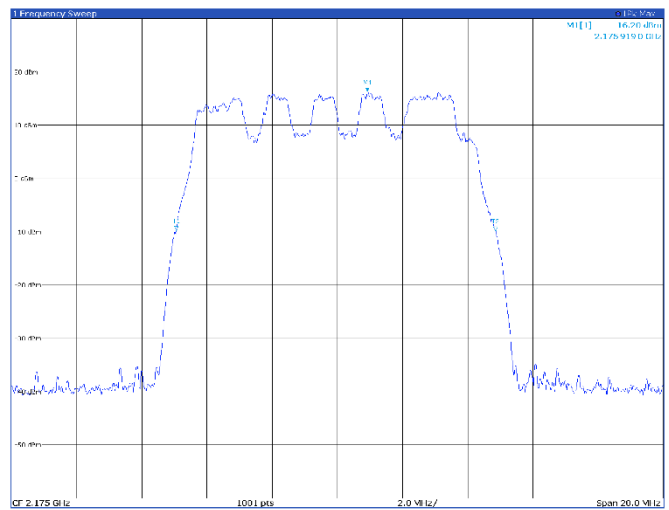
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.115919 GHz	16.54 dBm	nB	20.0 dB
F1	1		2.115919 GHz	16.54 dBm	nB down BW	9.83 MHz
F1	1		2.115919 GHz	16.54 dBm	nB down BW	20.0 MHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.145919 GHz	16.51 dBm	nB	20.0 dB
F1	1		2.145919 GHz	16.51 dBm	nB down BW	9.81 MHz
F1	1		2.145919 GHz	16.51 dBm	nB down BW	20.0 MHz

TM3p3, 10 MHz, high channel

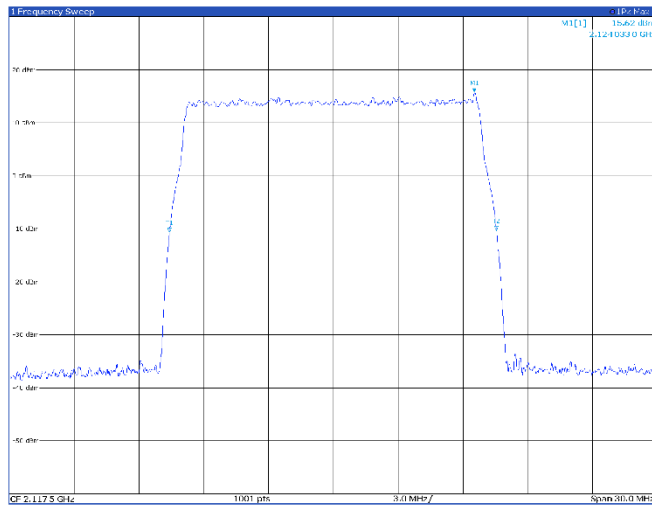


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		2.175919 GHz	16.20 dBm	nB	20.0 dB
F1	1		2.175919 GHz	16.20 dBm	nB down BW	9.79 MHz
F1	1		2.175919 GHz	16.20 dBm	nB down BW	20.0 MHz

Band n66

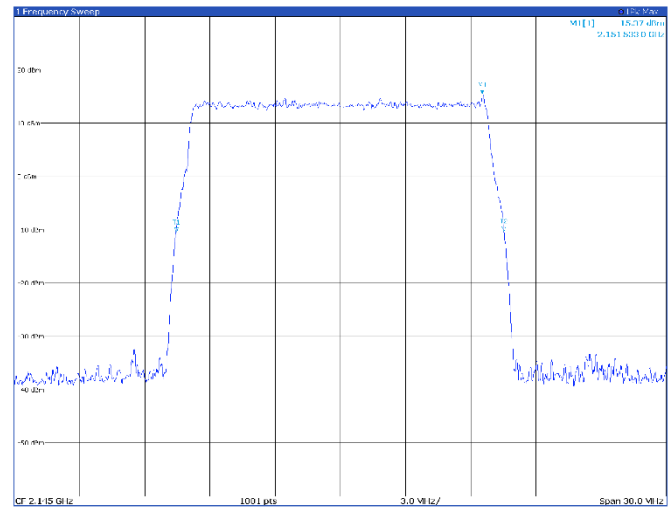
15 MHz

TM1.1, 15 MHz, low channel



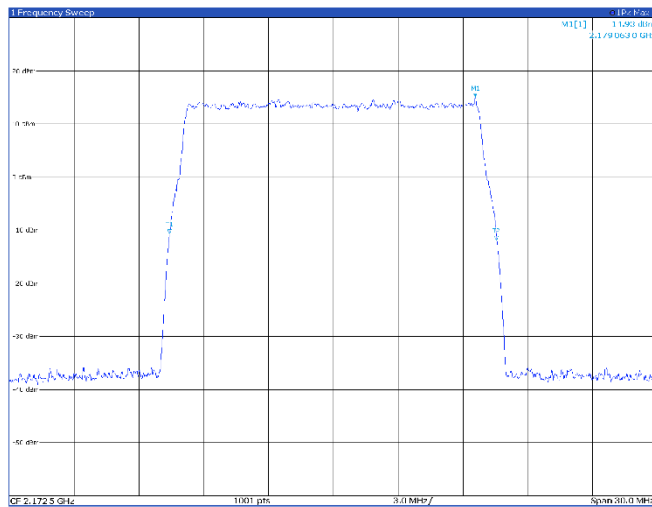
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1175 GHz	15.62 dBm	nB	15.13 MHz
M2	1		2.1245 GHz	15.62 dBm	nB	15.13 MHz
M3	1		2.1245 GHz	15.62 dBm	nB	15.13 MHz

TM1.1, 15 MHz, mid channel



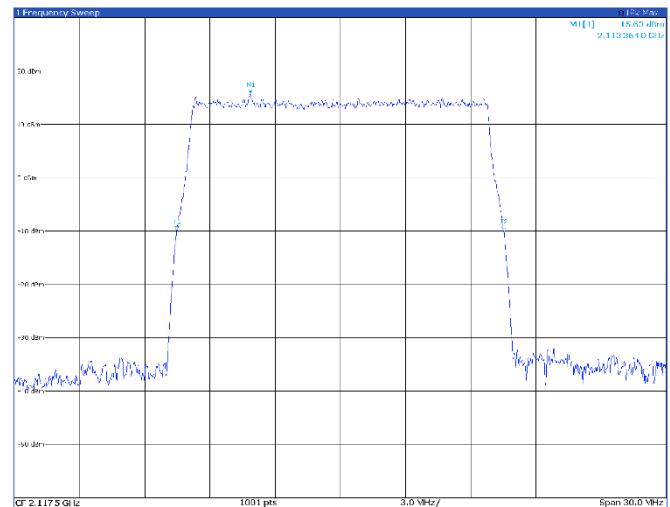
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1175 GHz	15.37 dBm	nB	15.07 MHz
M2	1		2.1245 GHz	15.37 dBm	nB	15.07 MHz
M3	1		2.1245 GHz	15.37 dBm	nB	15.07 MHz

TM1.1, 15 MHz, high channel



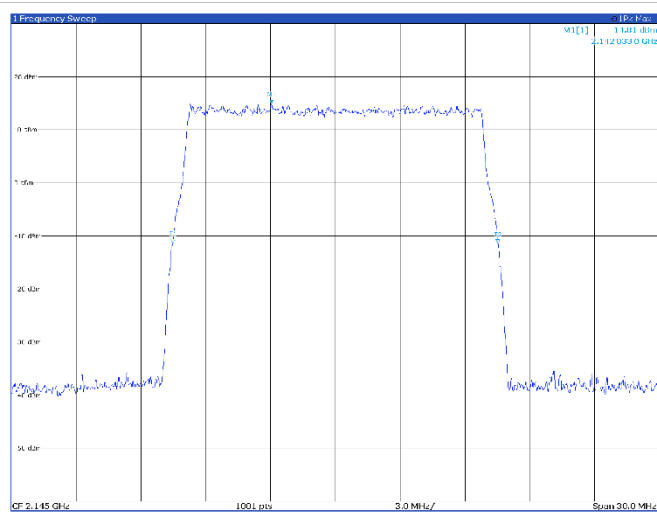
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1175 GHz	14.93 dBm	nB	15.13 MHz
M2	1		2.1245 GHz	14.93 dBm	nB	15.13 MHz
M3	1		2.1245 GHz	14.93 dBm	nB	15.13 MHz

TM3p1, 15 MHz, low channel



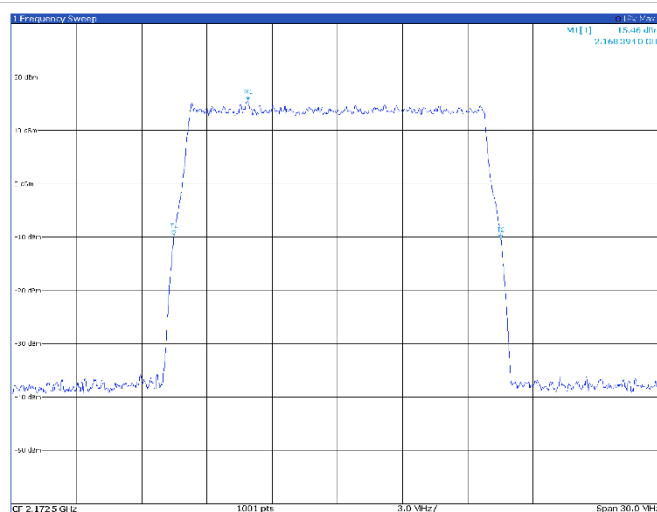
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1175 GHz	15.63 dBm	nB	15.04 MHz
M2	1		2.1245 GHz	15.63 dBm	nB	15.04 MHz
M3	1		2.1245 GHz	15.63 dBm	nB	15.04 MHz

TM3p1, 15 MHz, mid channel



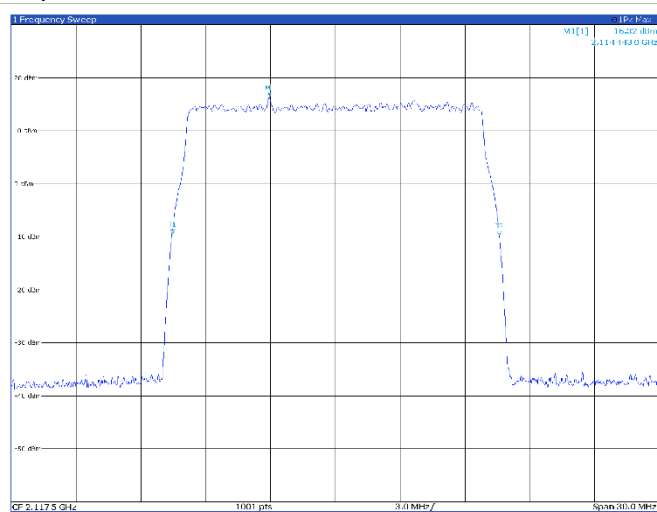
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1		1	2.142 033 GHz	14.81 dBm	nB	26.0 :B
T1		1	2.137 478 GHz	-1.37 dBm	nB down BW	15.04 MHz
I2		1	2.132 922 GHz	-1.46 dBm	G-matter	147.4

TM3p1, 15 MHz, high channel



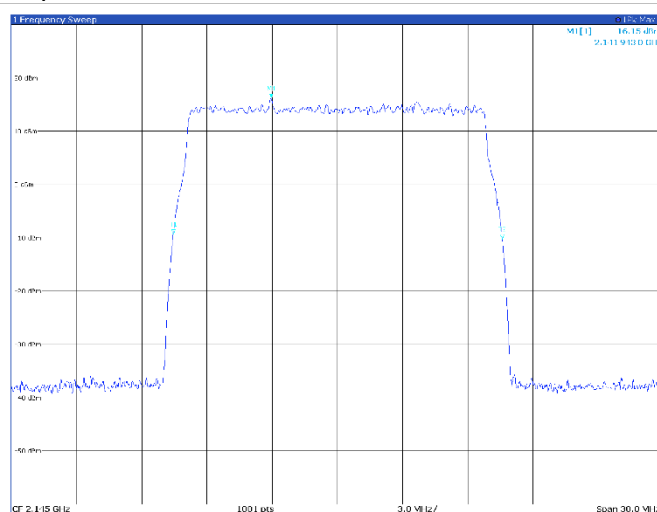
File	Ref	Trc	X Value	Y Value	Function	Function Result
H1	:		2168394 GHz	15.46 dBm	ncB	20.0 dB
T1	:		2161970 GHz	-9.71 dBm	ncD down BW	15.04 MHz
			2161970 GHz	-14.61 dBm		14.14

TM3p1a, 15 MHz, low channel



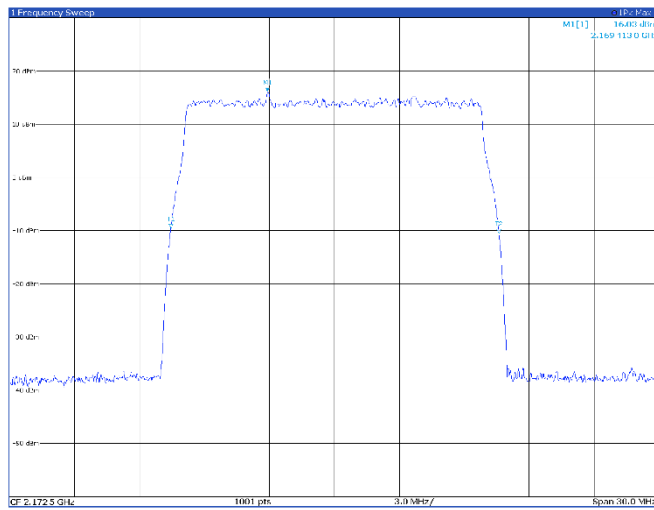
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1		1	2.114 443 GHz	16.32 dBm	nB	26.0 dB
T1		1	2.105 940 GHz	-9.52 dBm	nB down [5W]	15.13 MHz
T2		1	2.105 050 GHz	-9.77 dBm	C-raster	150.7

TM3p1a, 15 MHz, mid channel



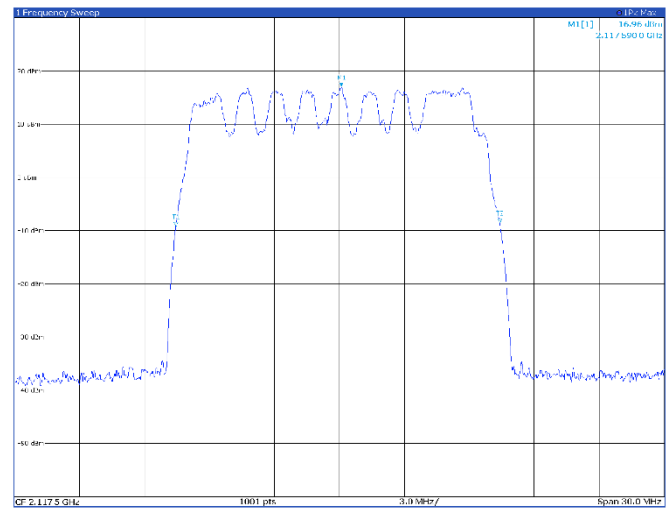
Type	Ref	Trc	X Value	Y Value	Function	Function Result
FF			2.141943 GHz	16.15 dBm	noB	26.0 dB
T			2.127440 GHz	-9.32 dBm	noB (down Dat)	15.13 MHz

TM3p1a, 15 MHz, high channel



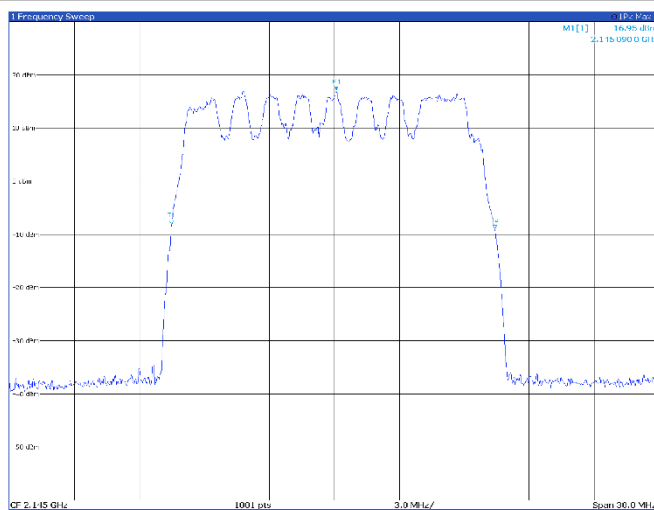
Marker	Ref	Freq	X Value	Y Value	Function	Function Result
1	1	2.17413 GHz	16.03 dBm	nB	20 dB	15.13 MHz
2	1	2.17413 GHz	-9.59 dBm	mB	20 dB	14.13 MHz

TM3p3, 15 MHz, low channel



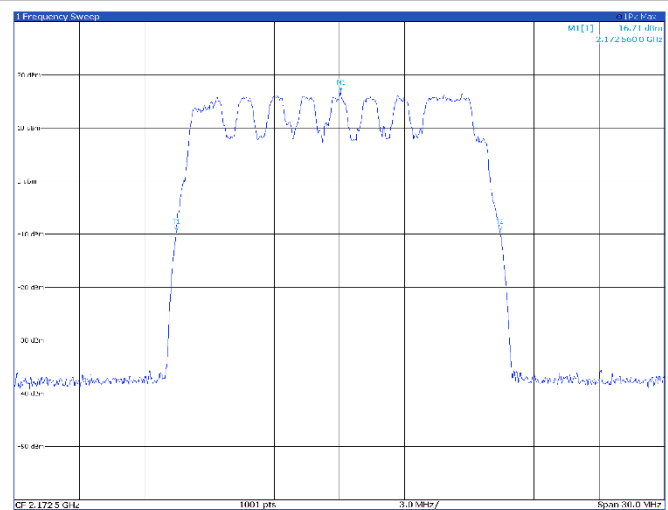
Marker	Ref	Freq	X Value	Y Value	Function	Function Result
1	1	2.17359 GHz	16.96 dBm	nB	20 dB	14.96 MHz
2	1	2.17359 GHz	-9.21 dBm	mB	20 dB	14.13 MHz

TM3p3, 15 MHz, mid channel



Marker	Ref	Freq	X Value	Y Value	Function	Function Result
1	1	2.17409 GHz	16.95 dBm	nB	20 dB	14.93 MHz
2	1	2.17409 GHz	-9.21 dBm	mB	20 dB	14.13 MHz

TM3p3, 15 MHz, high channel

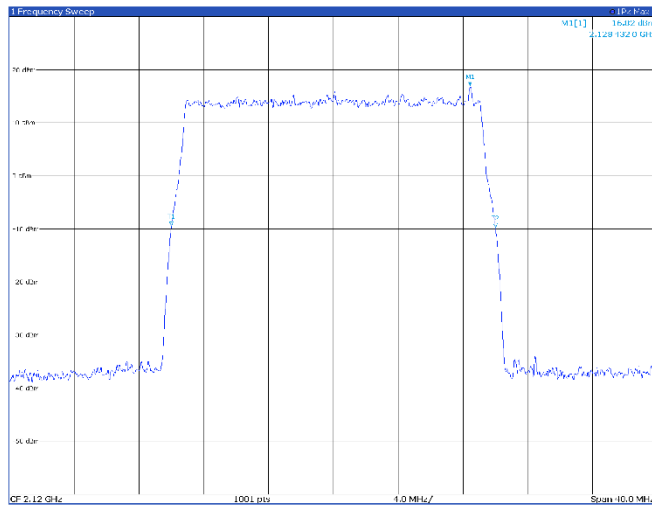


Marker	Ref	Freq	X Value	Y Value	Function	Function Result
1	1	2.17356 GHz	16.71 dBm	nB	20 dB	14.93 MHz
2	1	2.17356 GHz	-9.41 dBm	mB	20 dB	14.13 MHz

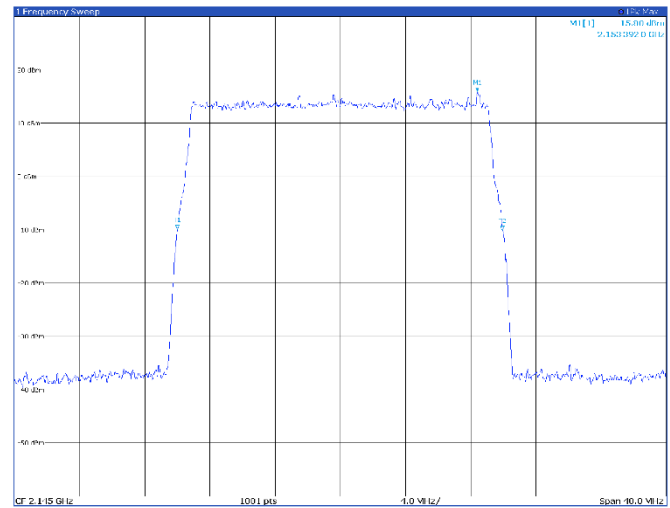
Band n66

20 MHz

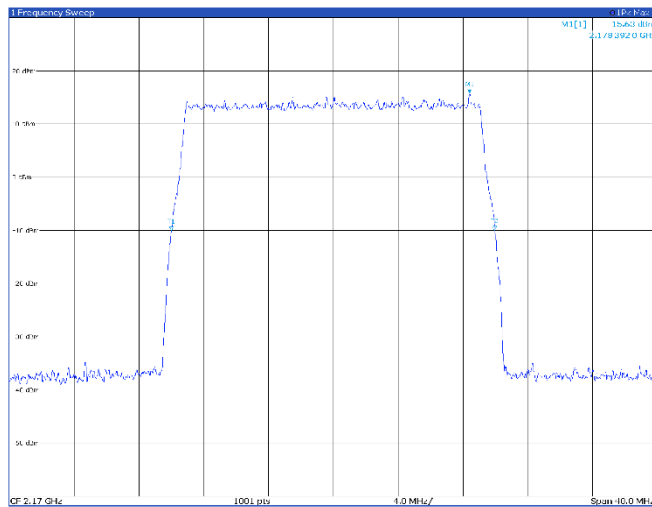
TM1.1, 20 MHz, low channel



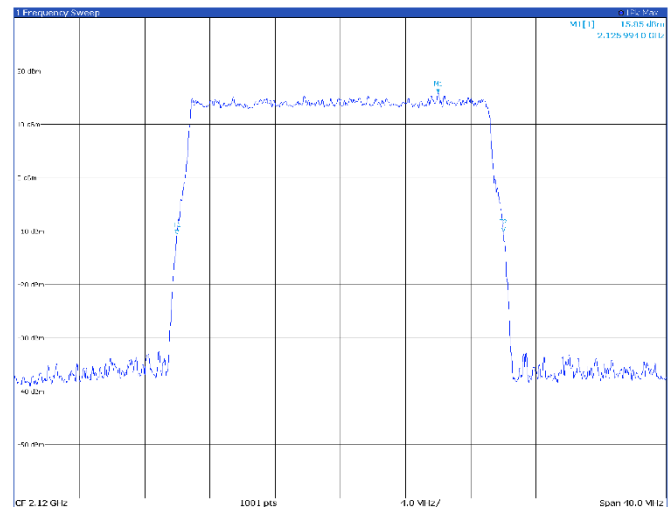
TM1.1, 20 MHz, mid channel



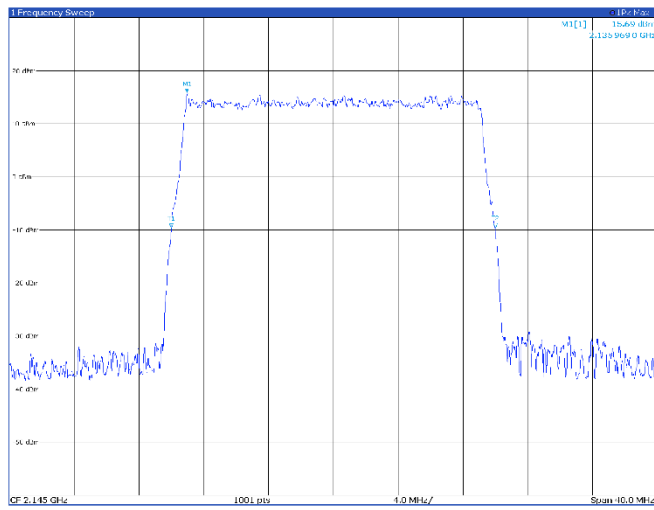
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

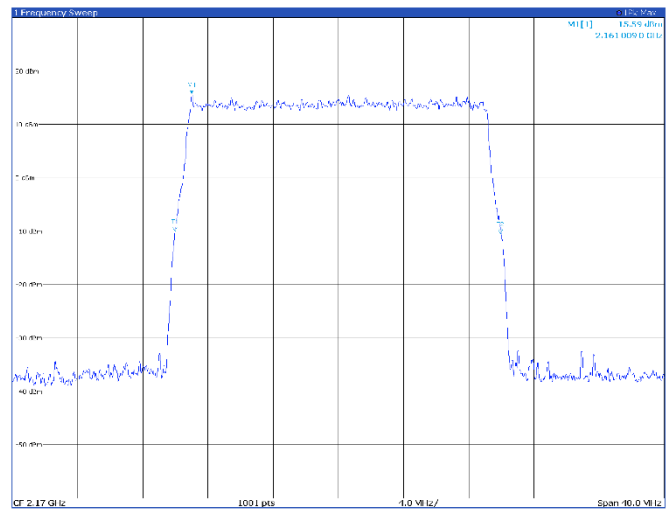


TM3p1, 20 MHz, mid channel



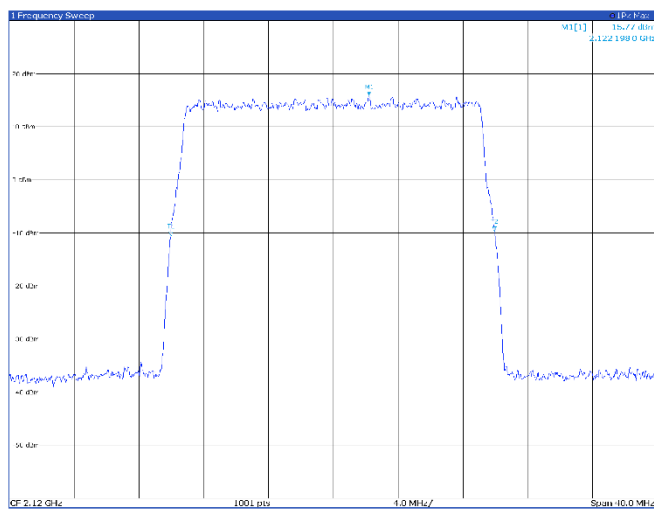
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	2.135969 GHz	15.69 dBm	nB	20.0 dB
T1	-	1	2.12511 GHz	-10.01 dBm	nB down BW	19.98 MHz
T2	-	1	2.14594 GHz	-10.51 dBm	nB down BW	19.98 MHz

TM3p1, 20 MHz, high channel



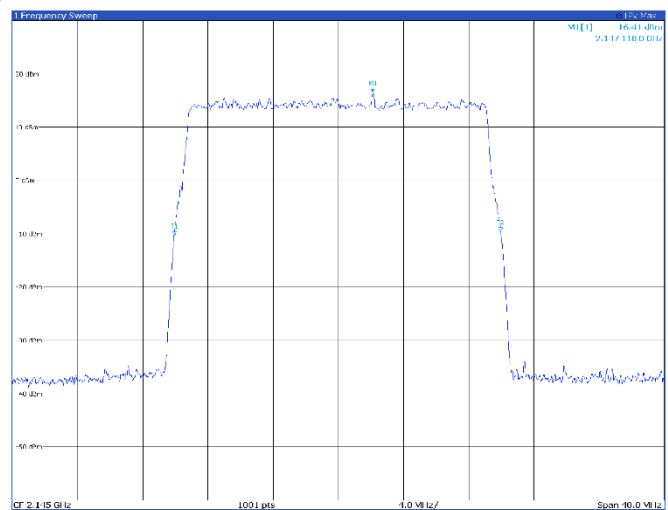
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	2.161009 GHz	15.59 dBm	nB	20.0 dB
T1	-	1	2.15927 GHz	-10.01 dBm	nB down BW	19.98 MHz
T2	-	1	2.17075 GHz	-10.51 dBm	nB down BW	19.98 MHz

TM3p1a, 20 MHz, low channel



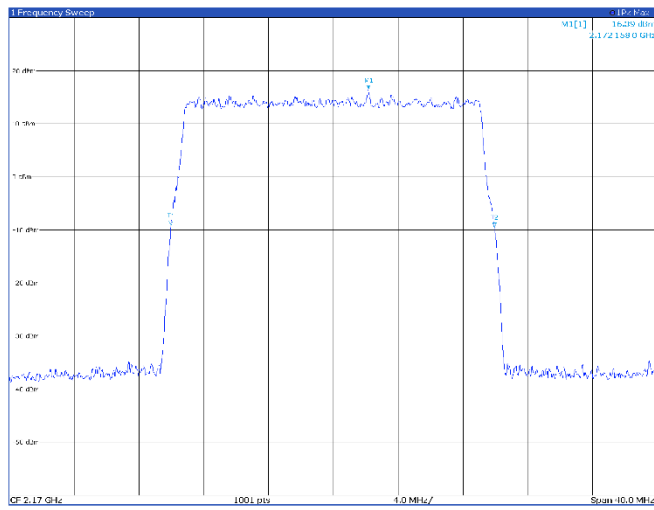
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	2.122198 GHz	15.77 dBm	nB	20.0 dB
T1	-	1	2.12027 GHz	-10.00 dBm	nB down BW	19.98 MHz
T2	-	1	2.12453 GHz	-10.00 dBm	nB down BW	19.98 MHz

TM3p1a, 20 MHz, mid channel

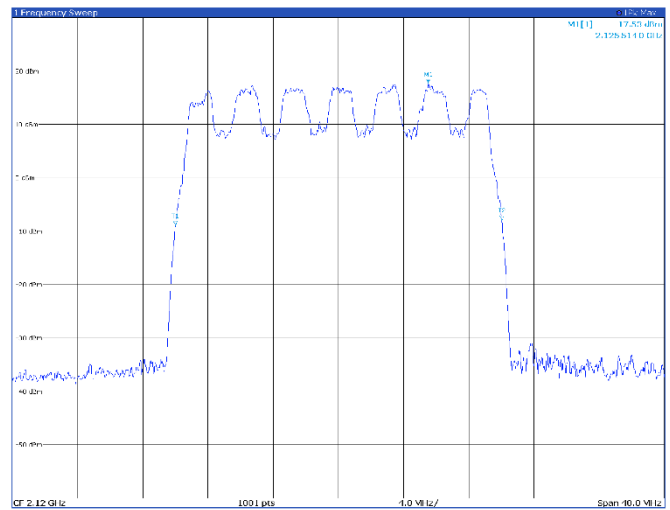


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	2.147118 GHz	16.41 dBm	nB	20.0 dB
T1	-	1	2.14522 GHz	-10.20 dBm	nB down BW	20.02 MHz
T2	-	1	2.14943 GHz	-10.20 dBm	nB down BW	20.02 MHz

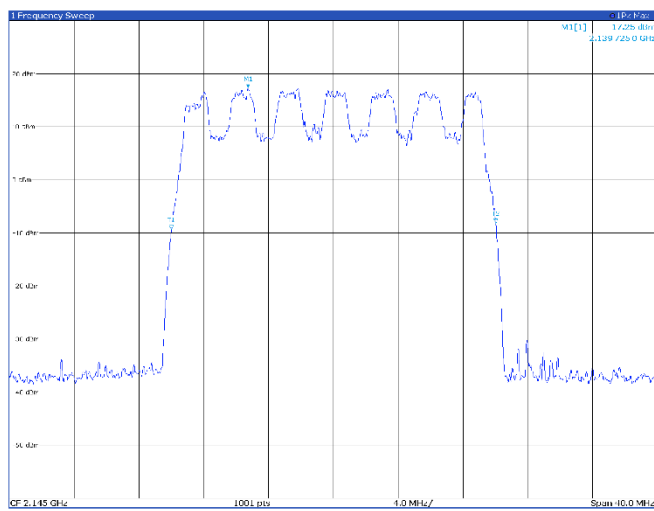
TM3p1a, 20 MHz, high channel



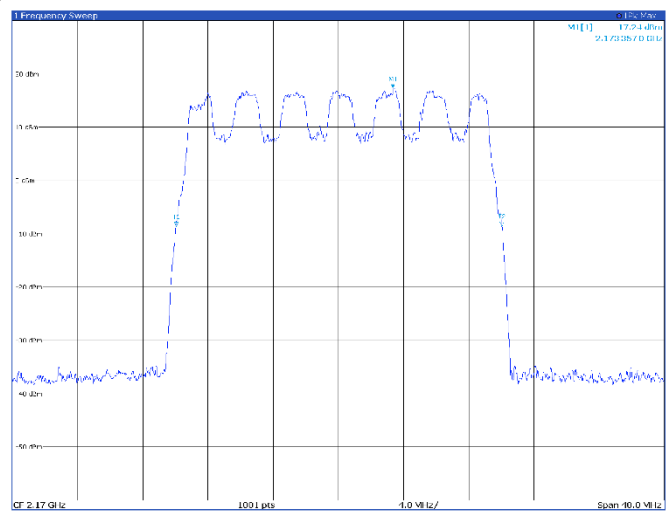
TM3p3, 20 MHz, low channel



TM3p3, 20 MHz, mid channel



TM3p3, 20 MHz, high channel

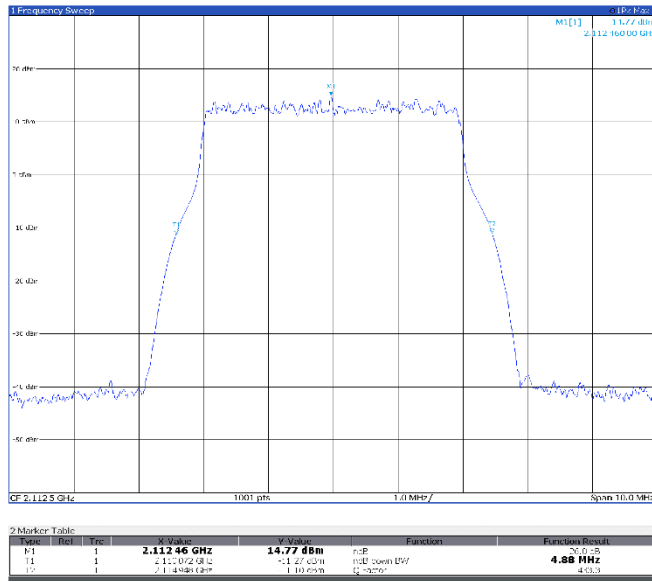


Antenna port 2

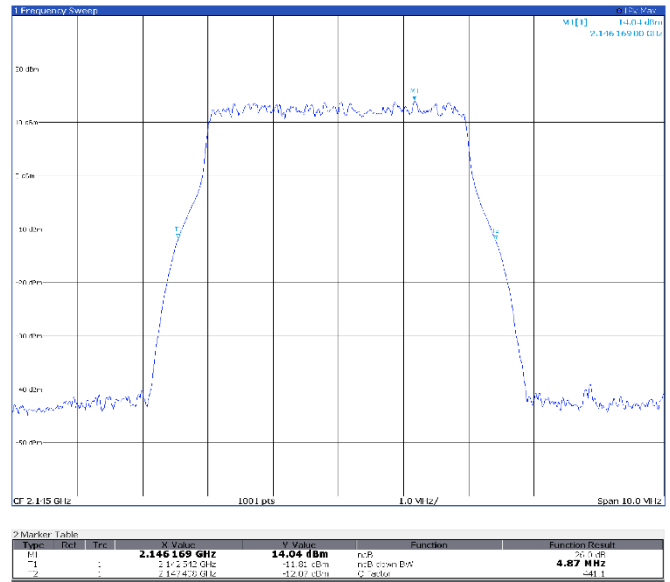
Band n66

5 MHz

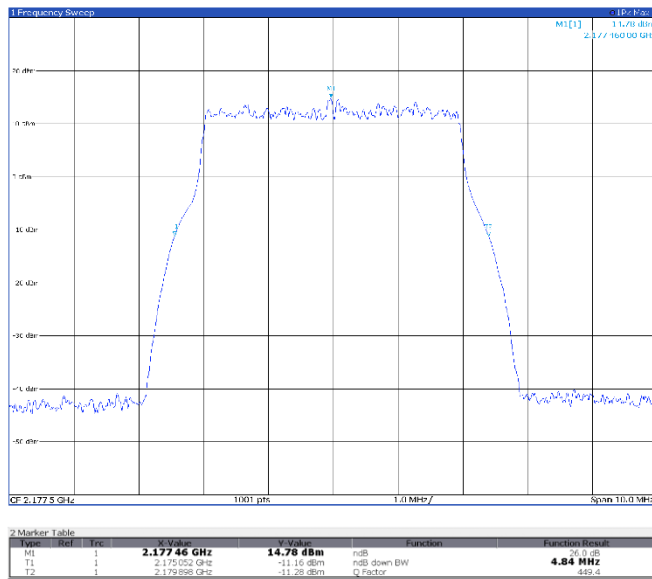
TM1.1, 5 MHz, low channel



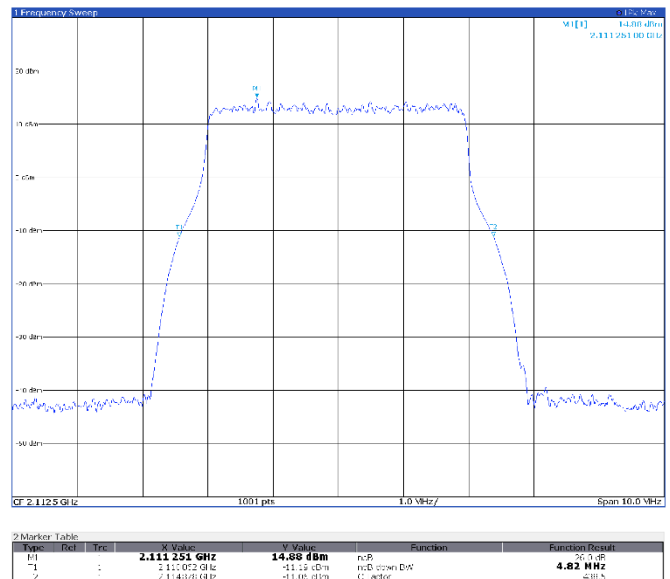
TM1.1, 5 MHz, mid channel



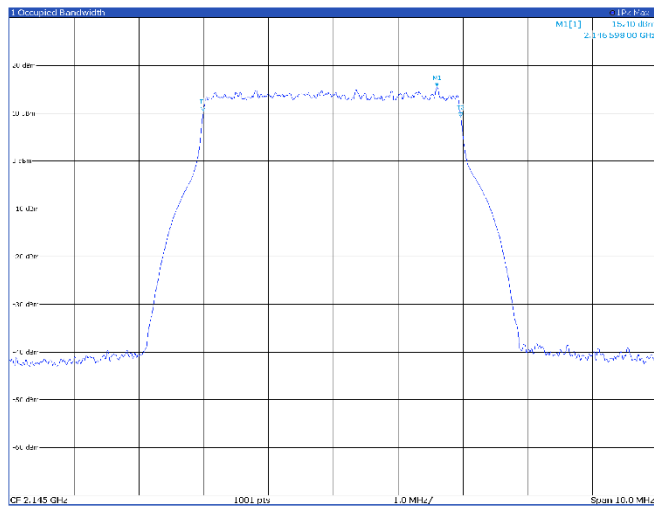
TM1.1, 5 MHz, high channel



TM3p1, 5 MHz, low channel

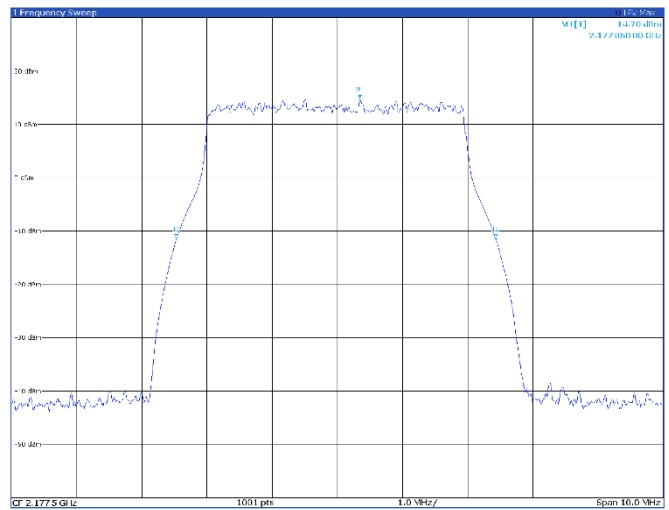


TM3p1, 5 MHz, mid channel



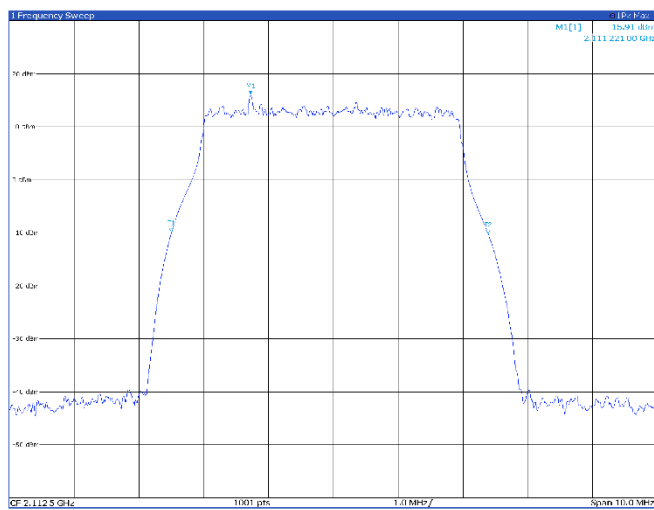
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.146598 GHz	15.40 dBm	nB	Occupied Bandwidth	3.972562341 MHz
M2	1		2.146598 GHz	10.22 dBm	nB	Occupied Bandwidth	2.146598 GHz
M3	1		2.146598 GHz	9.16 dBm	nB	Occupied Bandwidth	2.146598 GHz

TM3p1, 5 MHz, high channel



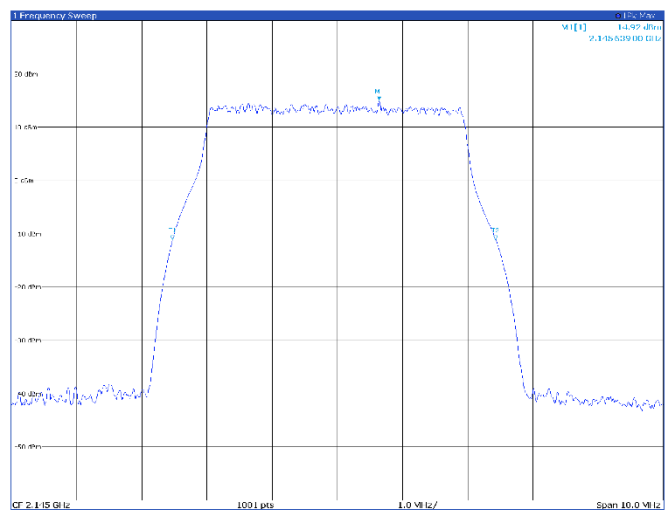
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.17785 GHz	14.70 dBm	nB	Occupied Bandwidth	4.89 MHz
M2	1		2.17785 GHz	11.52 dBm	nB	Occupied Bandwidth	2.17785 GHz
M3	1		2.17785 GHz	11.52 dBm	nB	Occupied Bandwidth	2.17785 GHz

TM3p1a, 5 MHz, low channel



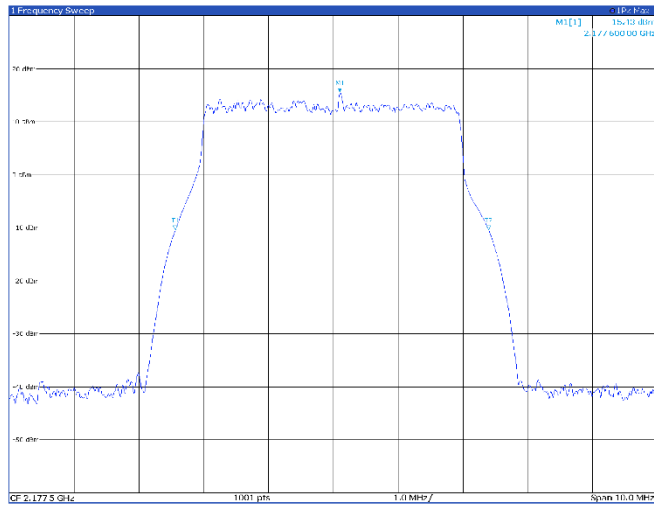
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.111221 GHz	15.91 dBm	nB	Occupied Bandwidth	4.88 MHz
M2	1		2.111221 GHz	9.96 dBm	nB	Occupied Bandwidth	2.111221 GHz
M3	1		2.111221 GHz	9.14 dBm	nB	Occupied Bandwidth	2.111221 GHz

TM3p1a, 5 MHz, mid channel

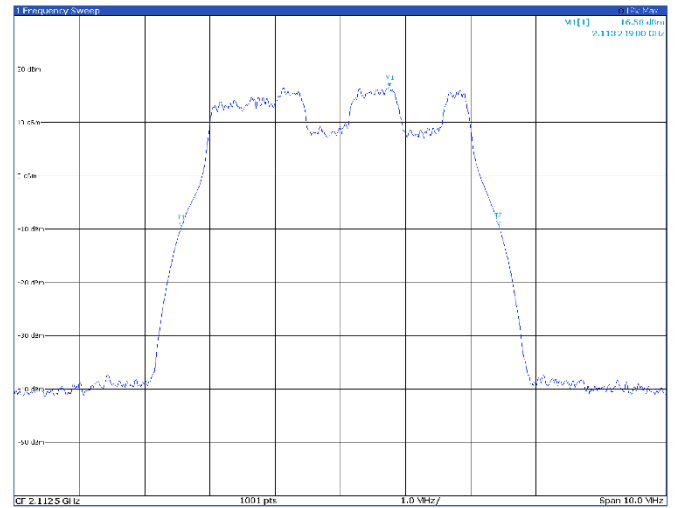


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
M1	1		2.145639 GHz	14.92 dBm	nB	Occupied Bandwidth	4.96 MHz
M2	1		2.145639 GHz	11.12 dBm	nB	Occupied Bandwidth	2.145639 GHz
M3	1		2.145639 GHz	11.12 dBm	nB	Occupied Bandwidth	2.145639 GHz

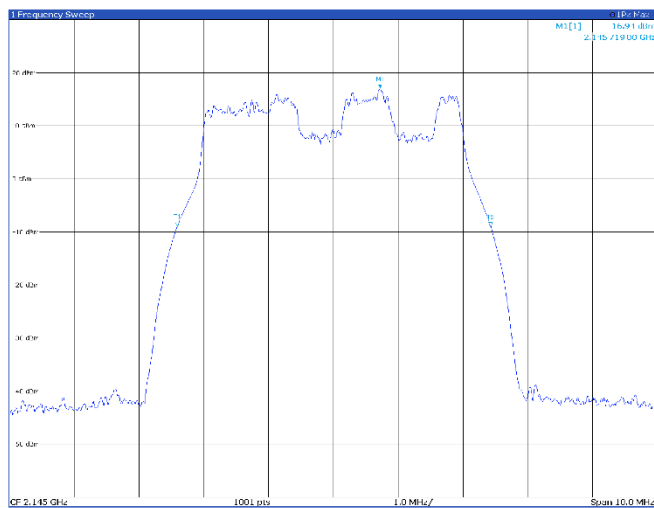
TM3p1a, 5 MHz, high channel



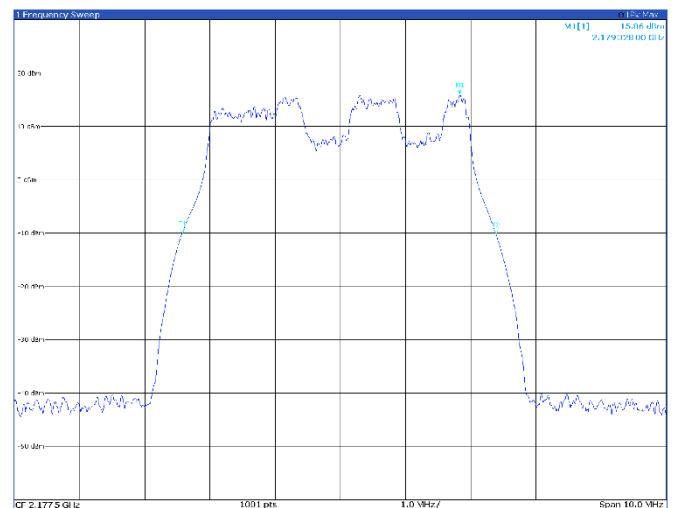
TM3p3, 5 MHz, low channel



TM3p3, 5 MHz, mid channel



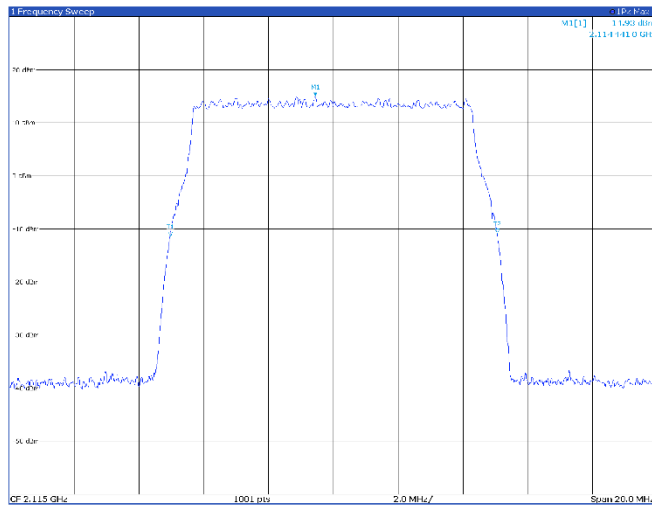
TM3p3, 5 MHz, high channel



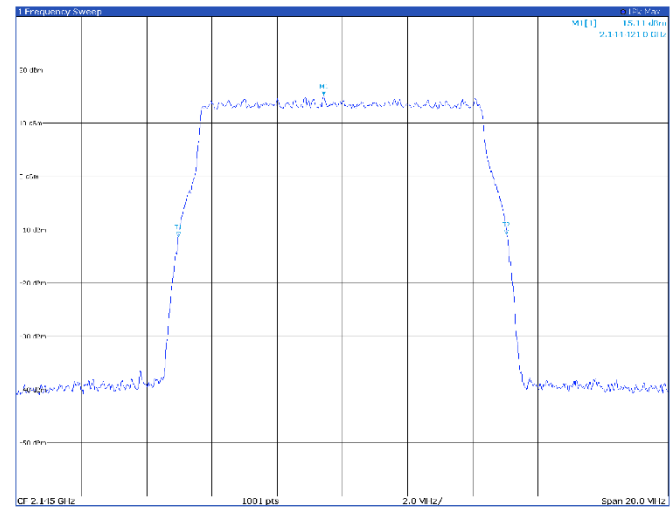
Band n66

10 MHz

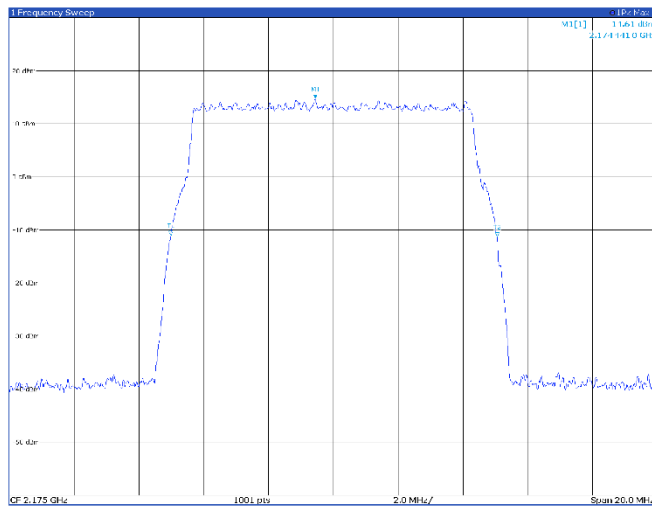
TM1.1, 10 MHz, low channel



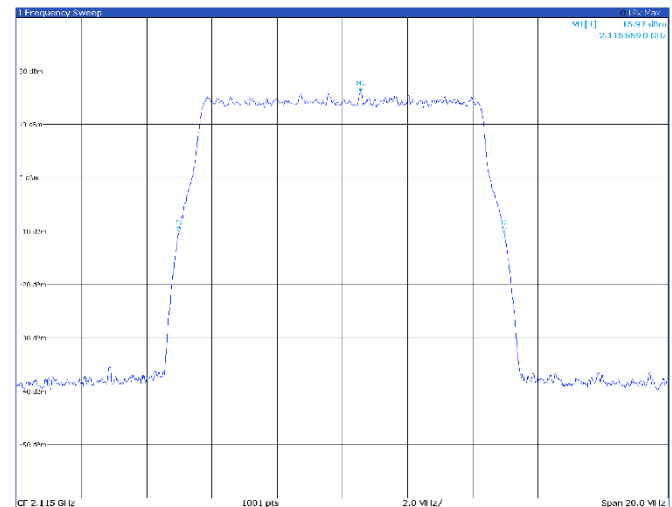
TM1.1, 10 MHz, mid channel



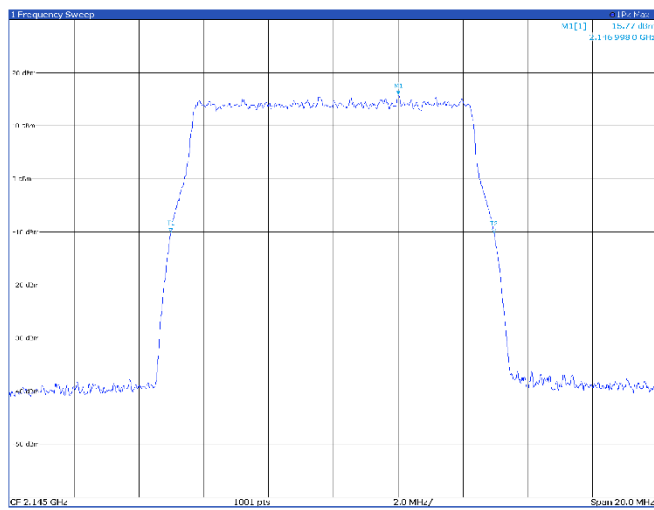
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

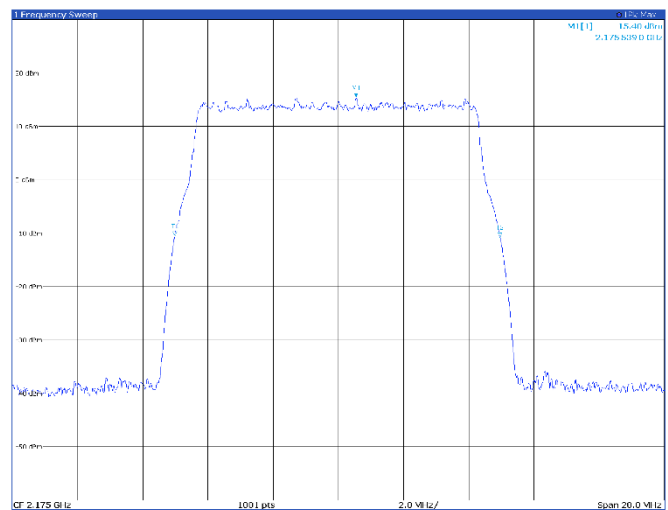


TM3p1, 10 MHz, mid channel



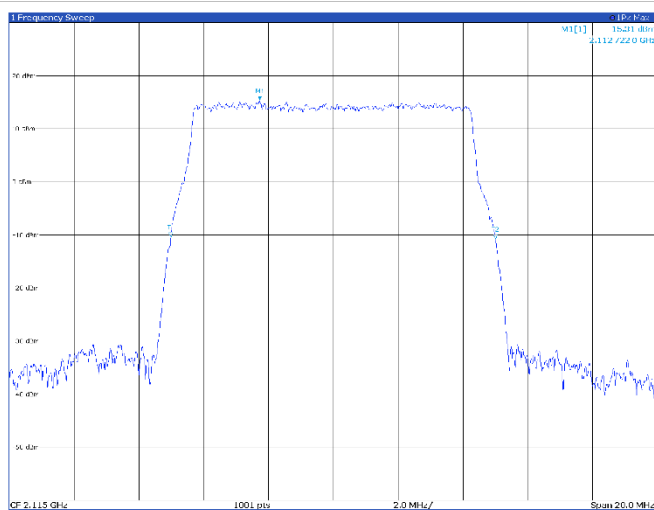
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	-	1	2.146998 GHz	15.77 dBm	nB	20.0 dB	
F1	-	1	2.146998 GHz	-10.11 dBm	nB	span BW	
F2	-	1	2.146998 GHz	0.17 dBm	nB	Q-factor	
							9.97 MHz

TM3p1, 10 MHz, high channel



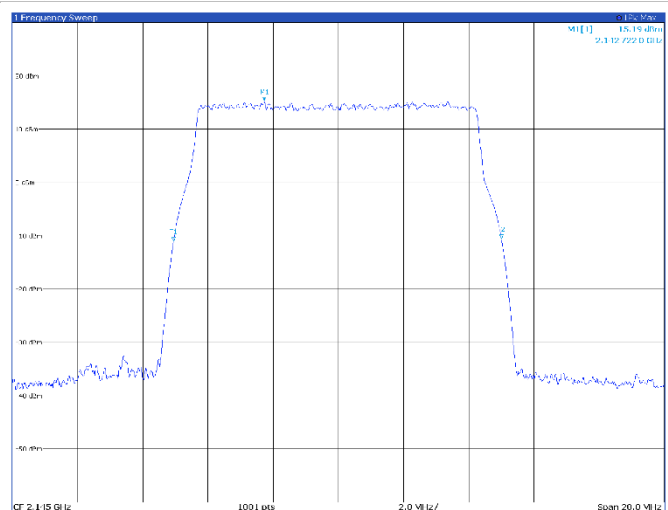
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	-	1	2.175539 GHz	15.40 dBm	nB	20.0 dB	
F1	-	1	2.175539 GHz	-10.11 dBm	nB	span BW	
F2	-	1	2.175539 GHz	-10.11 dBm	nB	Q-factor	
							15.40 dBm

TM3p1a, 10 MHz, low channel



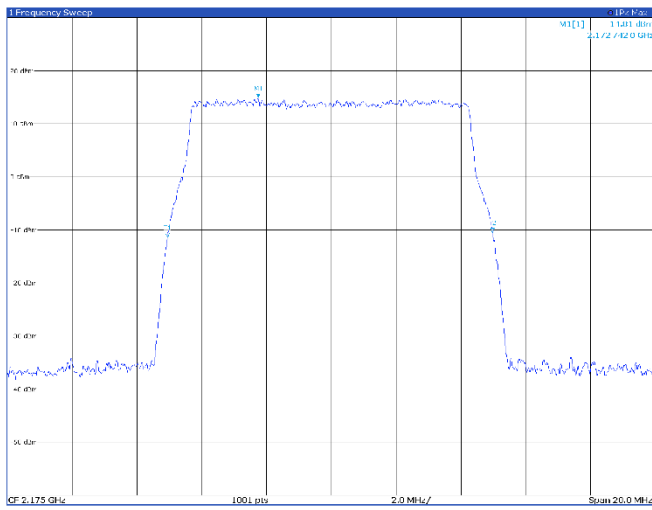
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	-	1	2.112722 GHz	15.31 dBm	nB	20.0 dB	
F1	-	1	2.112722 GHz	-10.11 dBm	nB	span BW	
F2	-	1	2.112722 GHz	0.17 dBm	nB	Q-factor	
							10.01 MHz

TM3p1a, 10 MHz, mid channel



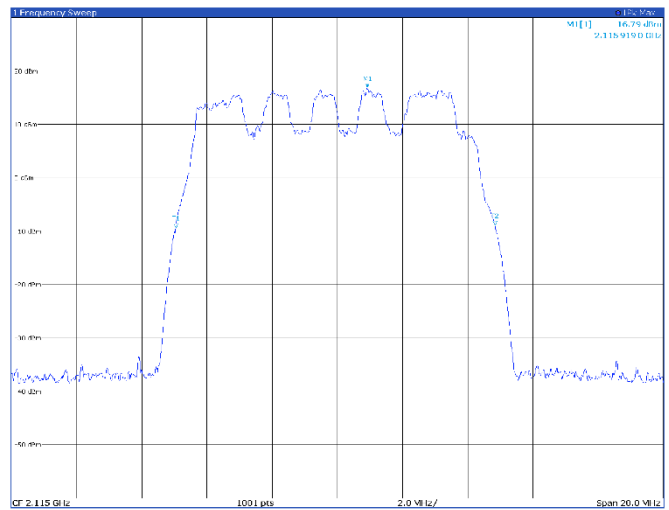
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	-	1	2.142722 GHz	15.19 dBm	nB	20.0 dB	
F1	-	1	2.142722 GHz	-10.11 dBm	nB	span BW	
F2	-	1	2.142722 GHz	-10.11 dBm	nB	Q-factor	
							10.05 MHz

TM3p1a, 10 MHz, high channel



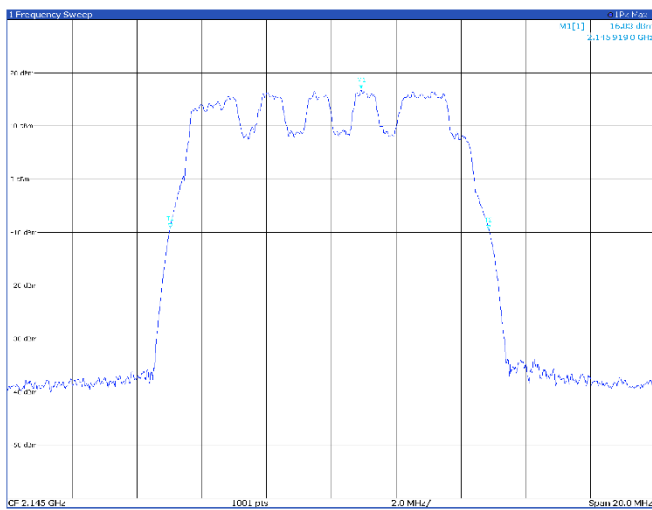
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.172 742 GHz	14.81 dBm	nB	20.0 dB
M1	1		2.165 940 GHz	-1.94 dBm	mB down BW	10.03 MHz
M2	1		2.177 919 GHz	-0.89 dBm	Q-factor	216.6

TM3p3, 10 MHz, low channel



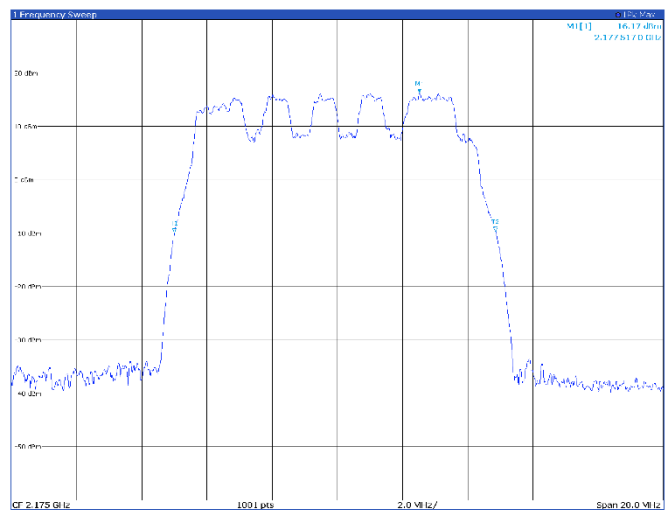
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115 919 GHz	16.79 dBm	nB	20.0 dB
M1	1		2.115 045 GHz	-9.25 dBm	mB down BW	9.79 MHz
M2	1		2.117 919 GHz	-0.89 dBm	Q-factor	216.6

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.145 919 GHz	16.53 dBm	nB	20.0 dB
M1	1		2.145 045 GHz	-9.15 dBm	mB down BW	9.83 MHz
M2	1		2.147 919 GHz	-0.89 dBm	Q-factor	216.6

TM3p3, 10 MHz, high channel

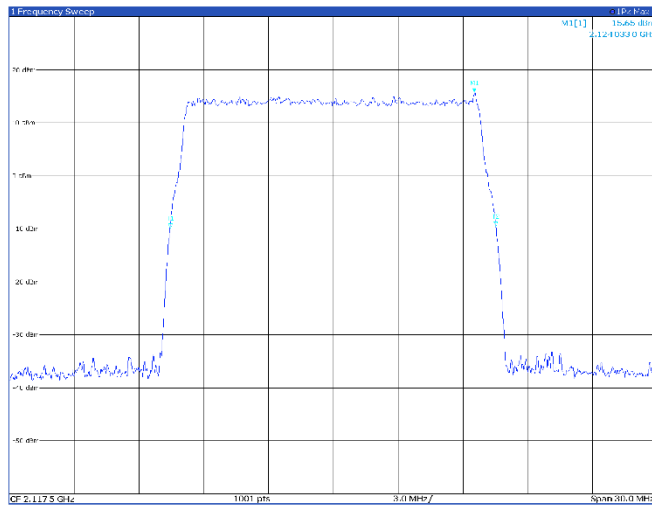


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.177 517 GHz	16.17 dBm	nB	20.0 dB
M1	1		2.175 045 GHz	-9.25 dBm	mB down BW	9.85 MHz
M2	1		2.177 517 GHz	-0.89 dBm	Q-factor	216.6

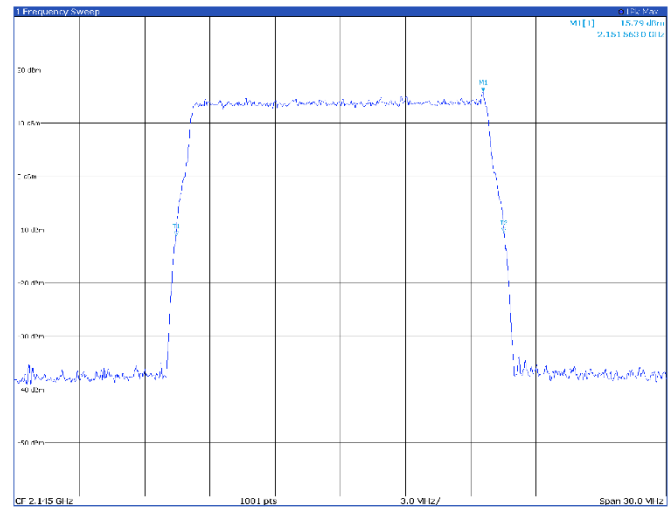
Band n66

15 MHz

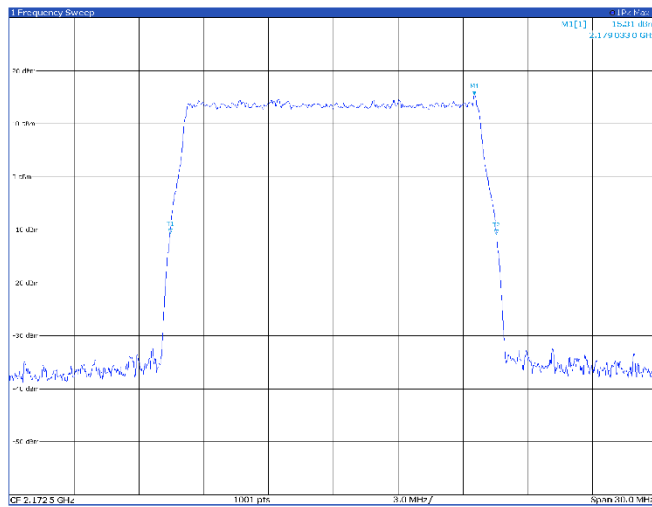
TM1.1, 15 MHz, low channel



TM1.1, 15 MHz, mid channel



TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

