

RADIO TEST REPORT

REP057295

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

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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 contain in this report are within Nemko Spa ISO/IEC 17025 accreditation.

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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
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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
REP057295	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	PRJ00630770005

3.2 EUT information

Product name	RPM-A61L1-66
Model	7847598-01
Part Number	7847598-01
Serial number	SZRMAY24170053

3.3 Technical information

Frequency band	B66: 2110-2200 MHz
RF power Max (W), Conducted	max Port 1 = 25.2 dBm (0.33 W) – max Port 2 = 24.8 dBm (0.30 W); max comb. Port 1 + Port 2 = 27.9 dBm (0.62 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

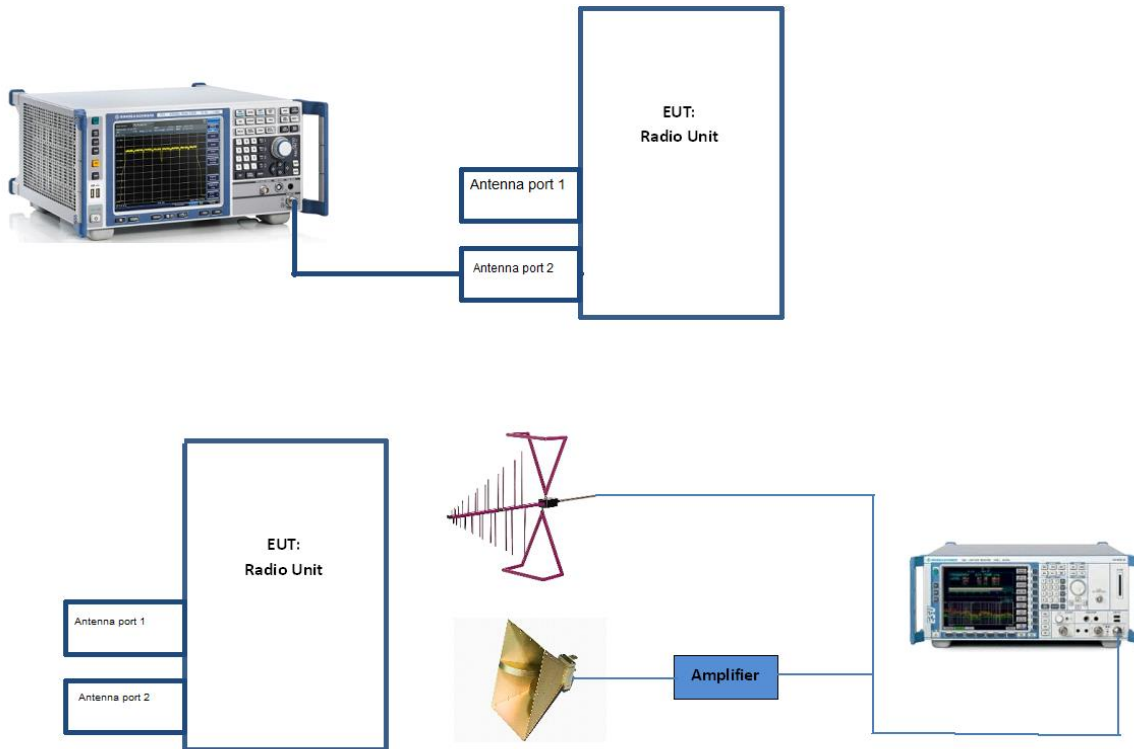


Figure 3.6-1: Setup diagram

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	August 30, 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 B66:

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	September 2, 2024	Temperature	22 °C
Test end date	October 4, 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 B66: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM1.1	2112.5	4.49
B66	5 MHz	TM1.1	2145.0	4.49
B66	5 MHz	TM1.1	2177.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p1	2112.5	4.51
B66	5 MHz	TM3p1	2145.0	4.51
B66	5 MHz	TM3p1	2177.5	4.51

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p1a	2112.5	4.49
B66	5 MHz	TM3p1a	2145.0	4.49
B66	5 MHz	TM3p1a	2177.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p3	2112.5	4.49
B66	5 MHz	TM3p3	2145.0	4.50
B66	5 MHz	TM3p3	2177.5	4.50

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM1.1	2115.0	9.06
B66	10 MHz	TM1.1	2145.0	9.04
B66	10 MHz	TM1.1	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p1	2115.0	9.02
B66	10 MHz	TM3p1	2145.0	9.04
B66	10 MHz	TM3p1	2175.0	9.05

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p1a	2115.0	9.06
B66	10 MHz	TM3p1a	2145.0	9.04
B66	10 MHz	TM3p1a	2175.0	9.06

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p3	2115.0	9.04
B66	10 MHz	TM3p3	2145.0	9.03
B66	10 MHz	TM3p3	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM1.1	2117.5	13.44
B66	15 MHz	TM1.1	2145.0	13.44
B66	15 MHz	TM1.1	2172.5	13.45
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p1	2117.5	13.46
B66	15 MHz	TM3p1	2145.0	13.46
B66	15 MHz	TM3p1	2172.5	13.45
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p1a	2117.5	13.48
B66	15 MHz	TM3p1a	2145.0	13.47
B66	15 MHz	TM3p1a	2172.5	13.48
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p3	2117.5	13.45
B66	15 MHz	TM3p3	2145.0	13.44
B66	15 MHz	TM3p3	2172.5	13.44
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM1.1	2120.0	17.91
B66	20 MHz	TM1.1	2145.0	17.93
B66	20 MHz	TM1.1	2170.0	17.92
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p1	2120.0	17.93
B66	20 MHz	TM3p1	2145.0	17.91
B66	20 MHz	TM3p1	2170.0	17.93
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p1a	2120.0	17.92
B66	20 MHz	TM3p1a	2145.0	17.92
B66	20 MHz	TM3p1a	2170.0	17.92
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p3	2120.0	17.91
B66	20 MHz	TM3p3	2145.0	17.89
B66	20 MHz	TM3p3	2170.0	17.90

Band B66: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM1.1	2112.5	4.49
B66	5 MHz	TM1.1	2145.0	4.49
B66	5 MHz	TM1.1	2177.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p1	2112.5	4.52
B66	5 MHz	TM3p1	2145.0	4.51
B66	5 MHz	TM3p1	2177.5	4.51

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p1a	2112.5	4.49
B66	5 MHz	TM3p1a	2145.0	4.48
B66	5 MHz	TM3p1a	2177.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	5 MHz	TM3p3	2112.5	4.49
B66	5 MHz	TM3p3	2145.0	4.50
B66	5 MHz	TM3p3	2177.5	4.50

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM1.1	2115.0	9.05
B66	10 MHz	TM1.1	2145.0	9.06
B66	10 MHz	TM1.1	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p1	2115.0	9.05
B66	10 MHz	TM3p1	2145.0	9.04
B66	10 MHz	TM3p1	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p1a	2115.0	9.06
B66	10 MHz	TM3p1a	2145.0	9.05
B66	10 MHz	TM3p1a	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	10 MHz	TM3p3	2115.0	9.03
B66	10 MHz	TM3p3	2145.0	9.02
B66	10 MHz	TM3p3	2175.0	9.04

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM1.1	2117.5	13.44
B66	15 MHz	TM1.1	2145.0	13.44
B66	15 MHz	TM1.1	2172.5	13.44

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p1	2117.5	13.46
B66	15 MHz	TM3p1	2145.0	13.46
B66	15 MHz	TM3p1	2172.5	13.46

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p1a	2117.5	13.47
B66	15 MHz	TM3p1a	2145.0	13.46
B66	15 MHz	TM3p1a	2172.5	13.47

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	15 MHz	TM3p3	2117.5	13.44
B66	15 MHz	TM3p3	2145.0	13.45
B66	15 MHz	TM3p3	2172.5	13.45

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM1.1	2120.0	17.92
B66	20 MHz	TM1.1	2145.0	17.91
B66	20 MHz	TM1.1	2170.0	17.92

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p1	2120.0	17.92
B66	20 MHz	TM3p1	2145.0	17.92
B66	20 MHz	TM3p1	2170.0	17.93

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p1a	2120.0	17.92
B66	20 MHz	TM3p1a	2145.0	17.91
B66	20 MHz	TM3p1a	2170.0	17.93

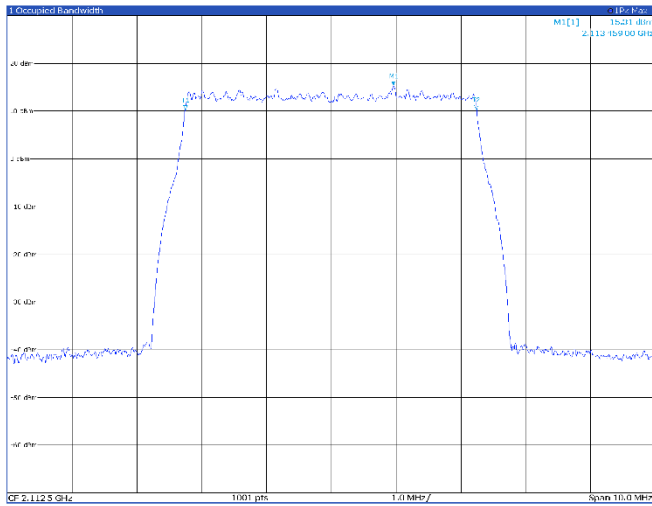
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B66	20 MHz	TM3p3	2120.0	17.90
B66	20 MHz	TM3p3	2145.0	17.91
B66	20 MHz	TM3p3	2170.0	17.91

Antenna port 1

Band B66

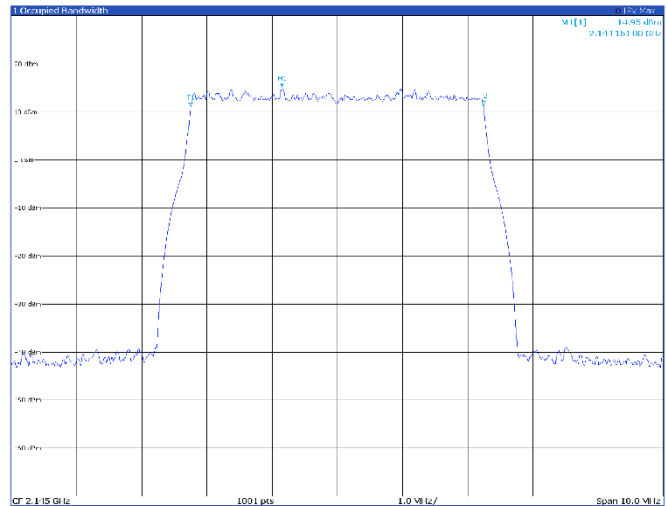
5 MHz

TM1.1, 5 MHz, low channel



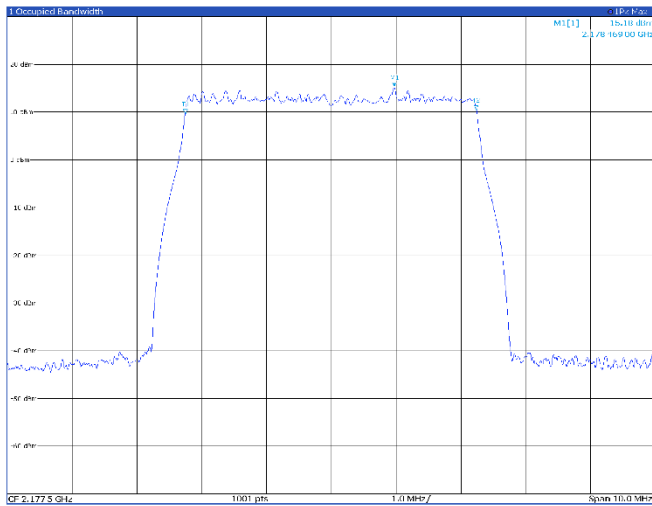
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113459 GHz	15.31 dBm	Occ BW	4.492518719 MHz
M1	1		2.113459 GHz	10.25 dBm	Occ BW Control	2.113459 GHz
M1	1		2.113459 GHz	10.25 dBm	Occ BW Control	2.113459 GHz

TM1.1, 5 MHz, mid channel



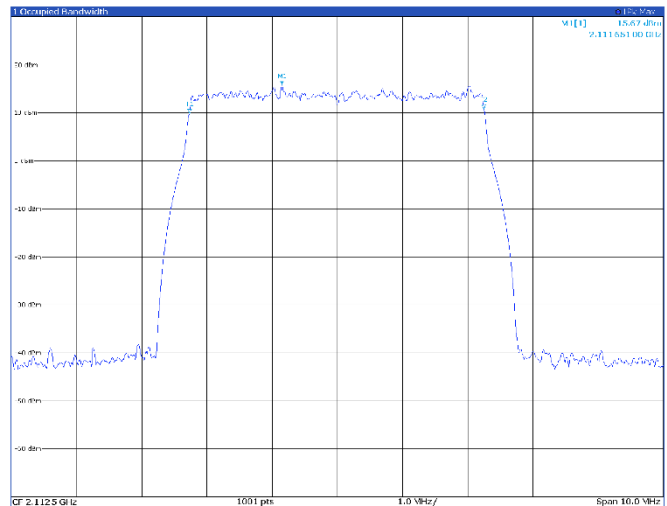
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.144551 GHz	14.95 dBm	Occ BW	4.490845234 MHz
M1	1		2.144551 GHz	10.25 dBm	Occ BW Control	2.144551 GHz
M1	1		2.144551 GHz	10.25 dBm	Occ BW Control	2.144551 GHz

TM1.1, 5 MHz, high channel



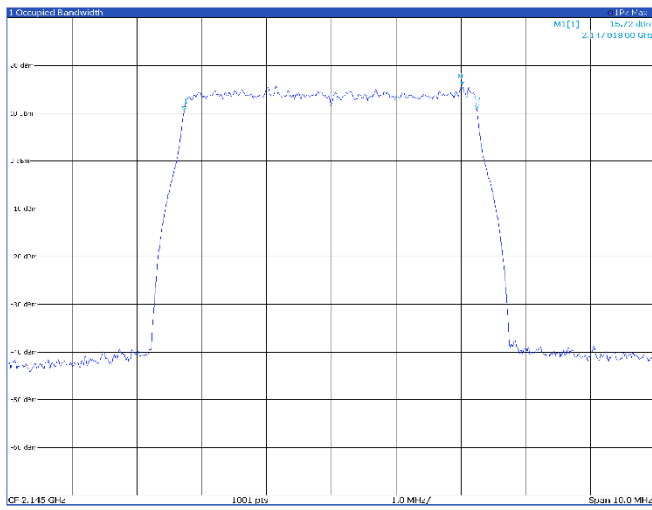
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.178469 GHz	15.15 dBm	Occ BW	4.493799435 MHz
M1	1		2.178469 GHz	10.25 dBm	Occ BW Control	2.178469 GHz
M1	1		2.178469 GHz	10.25 dBm	Occ BW Control	2.178469 GHz

TM3p1, 5 MHz, low channel



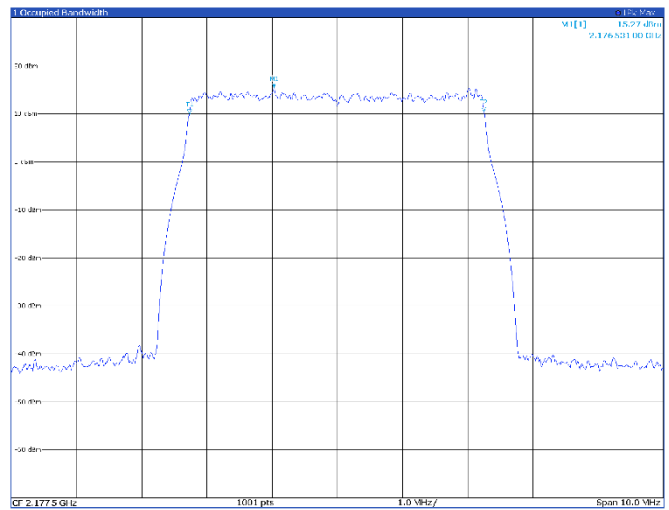
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.111651 GHz	15.67 dBm	Occ BW	4.512496131 MHz
M1	1		2.111651 GHz	10.25 dBm	Occ BW Control	2.111651 GHz
M1	1		2.111651 GHz	10.25 dBm	Occ BW Control	2.111651 GHz

TM3p1, 5 MHz, mid channel



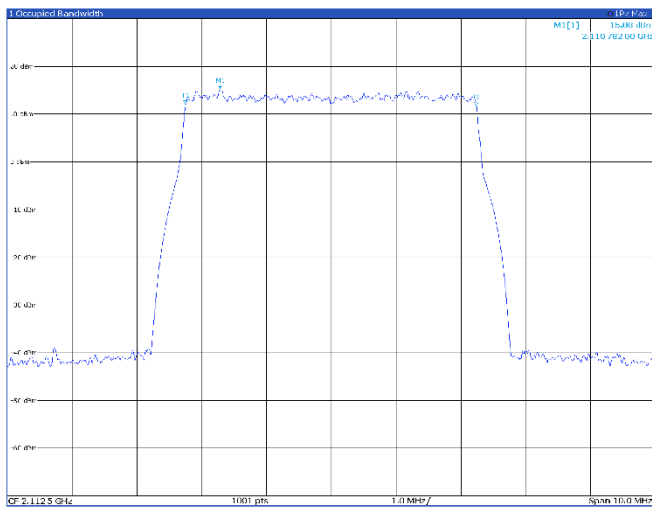
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147 018 GHz	15.72 dBm	Occ Sw	4.510 971 204 MHz
F1	1		2.147 018 GHz	15.72 dBm	Occ Sw Channel 1	2.147 018 GHz
F2	1		2.147 018 GHz	15.72 dBm	Occ Sw Channel 2	2.147 018 GHz

TM3p1, 5 MHz, high channel



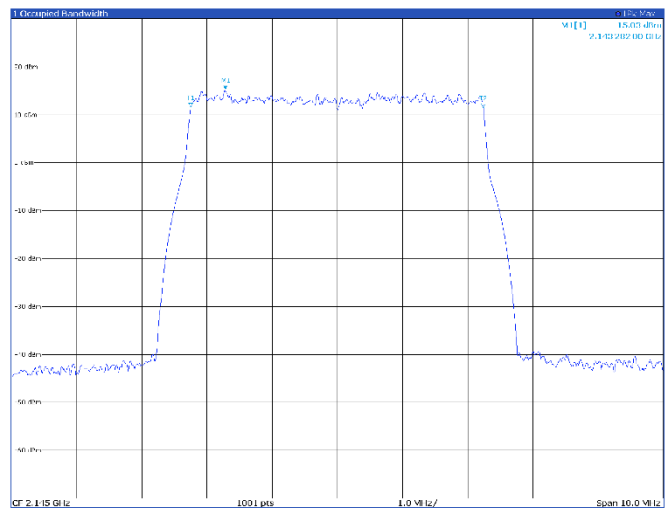
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.176 531 GHz	15.27 dBm	Occ Sw	4.513 194 919 MHz
F1	1		2.176 531 GHz	15.27 dBm	Occ Sw Channel 1	2.176 531 GHz
F2	1		2.176 531 GHz	15.27 dBm	Occ Sw Channel 2	2.176 531 GHz

TM3p1a, 5 MHz, low channel



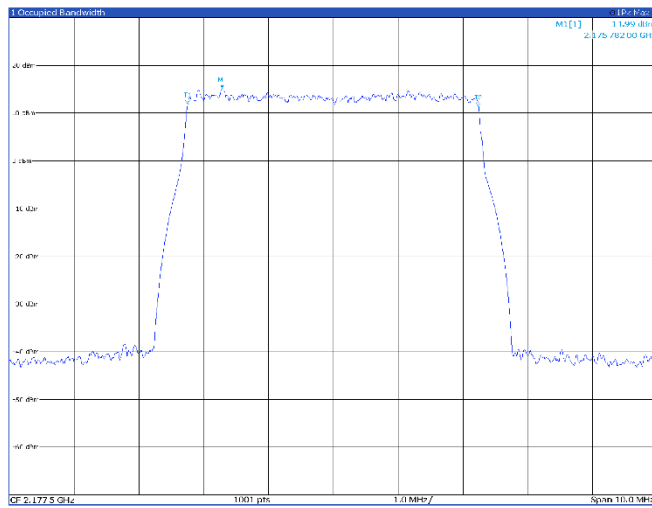
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.110 782 GHz	15.05 dBm	Occ Sw	4.485 421 488 MHz
F1	1		2.110 782 GHz	15.05 dBm	Occ Sw Channel 1	2.110 782 GHz
F2	1		2.110 782 GHz	15.05 dBm	Occ Sw Channel 2	2.110 782 GHz

TM3p1a, 5 MHz, mid channel

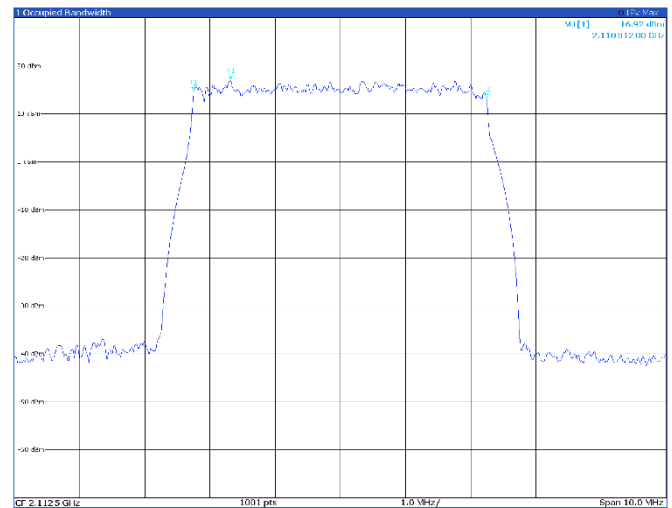


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.143 282 GHz	15.03 dBm	Occ Sw	4.485 834 115 MHz
F1	1		2.143 282 GHz	15.03 dBm	Occ Sw Channel 1	2.143 282 GHz
F2	1		2.143 282 GHz	15.03 dBm	Occ Sw Channel 2	2.143 282 GHz

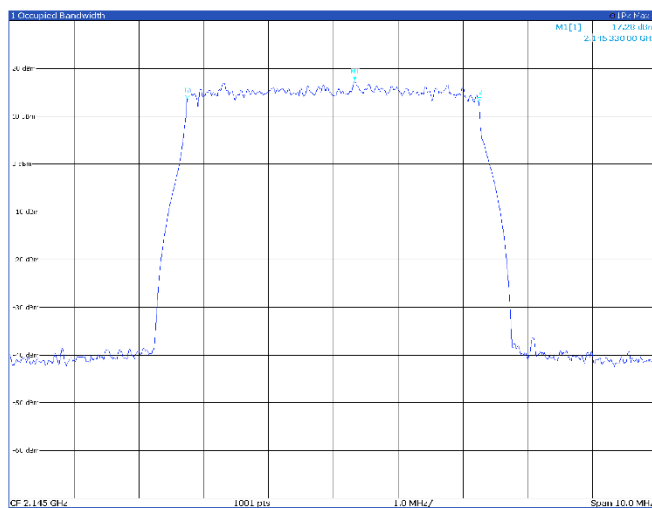
TM3p1a, 5 MHz, high channel



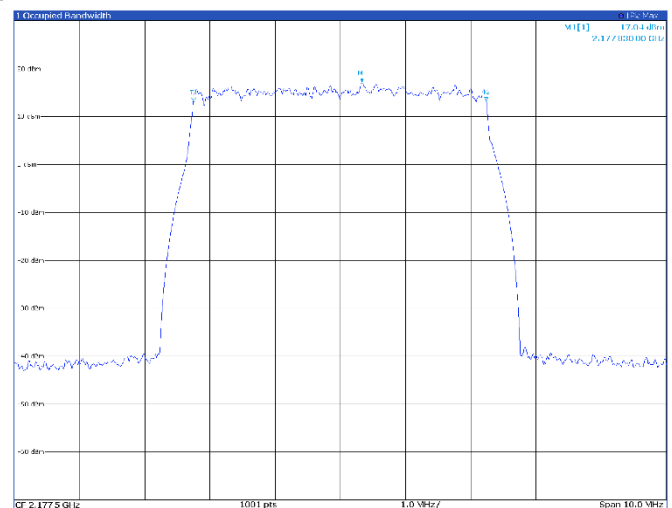
TM3p3, 5 MHz, low channel



TM3p3, 5 MHz, mid channel



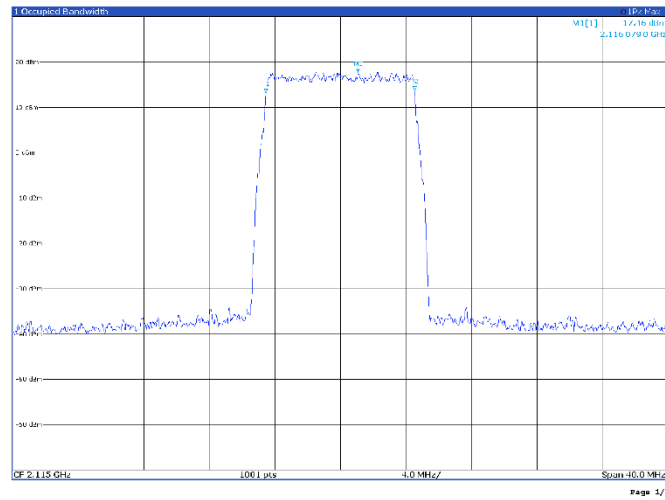
TM3p3, 5 MHz, high channel



Band B66

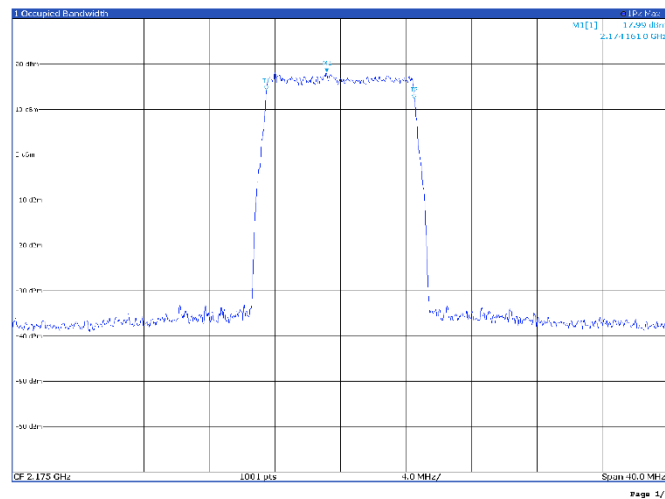
10 MHz

TM1.1, 10 MHz, low channel



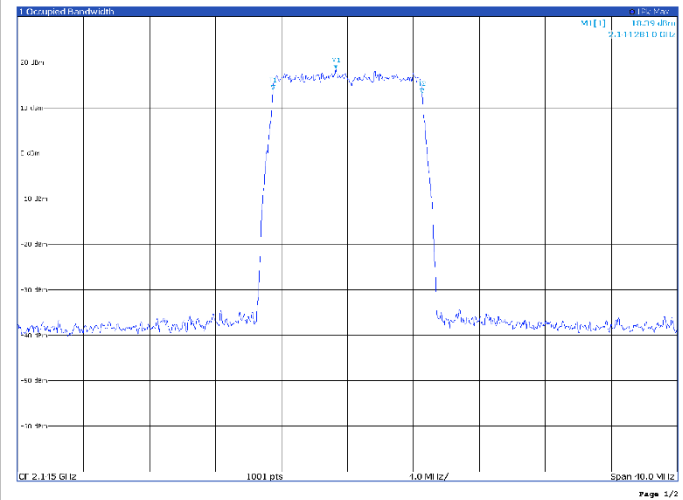
Type	Ref	Trc	X Value	Y Value	Function	Function Result
W	1		2.115079 GHz	17.46 dBm	Occ BW	9.061268768 MHz
T	1		2.115079 GHz	17.46 dBm	Occ BW Centroid	2.115079 GHz
F	1		2.115079 GHz	17.46 dBm	Occ BW Offset	0.000000 MHz

TM1.1, 10 MHz, high channel



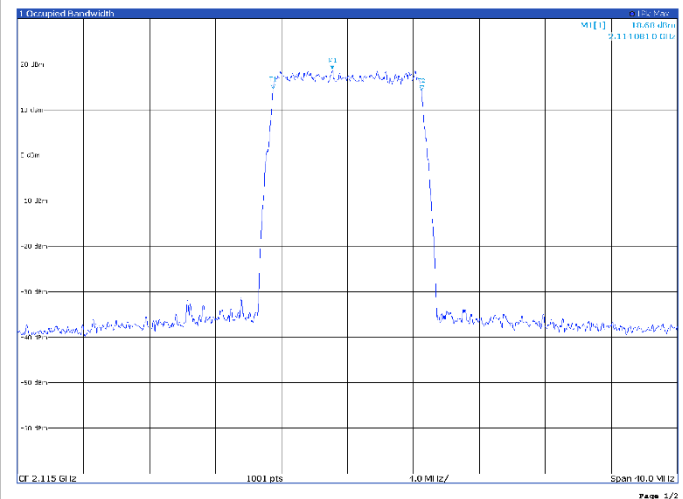
Type	Ref	Trc	X Value	Y Value	Function	Function Result
W	1		2.114161 GHz	17.99 dBm	Occ BW	9.038369546 MHz
T	1		2.114161 GHz	17.99 dBm	Occ BW Centroid	2.114161 GHz
F	1		2.114161 GHz	17.99 dBm	Occ BW Offset	0.000000 MHz

TM1.1, 10 MHz, mid channel



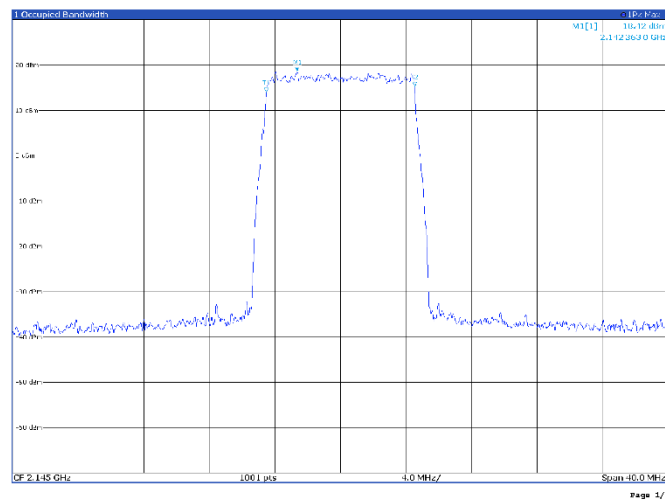
Type	Ref	Trc	X Value	Y Value	Function	Function Result
W	1		2.114281 GHz	18.39 dBm	Occ BW	9.036022412 MHz
T	1		2.114281 GHz	18.39 dBm	Occ BW Centroid	2.114281 GHz
F	1		2.114281 GHz	18.39 dBm	Occ BW Offset	0.000000 MHz

TM3p1, 10 MHz, low channel



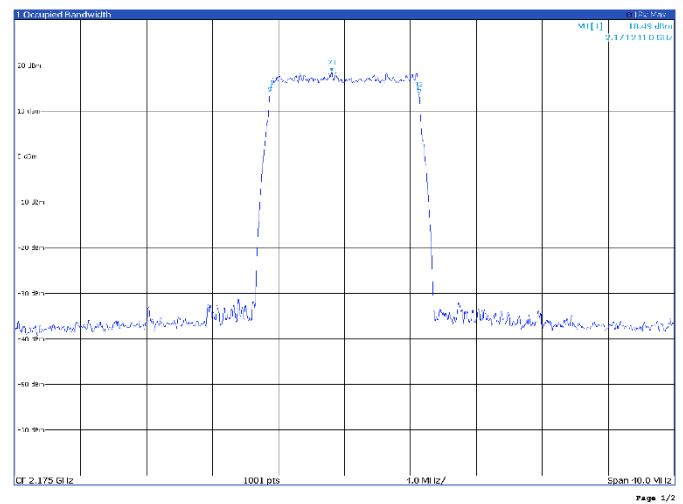
Type	Ref	Trc	X Value	Y Value	Function	Function Result
W	1		2.114081 GHz	18.68 dBm	Occ BW	9.017298244 MHz
T	1		2.114081 GHz	18.68 dBm	Occ BW Centroid	2.114081 GHz
F	1		2.114081 GHz	18.68 dBm	Occ BW Offset	0.000000 MHz

TM3p1, 10 MHz, mid channel



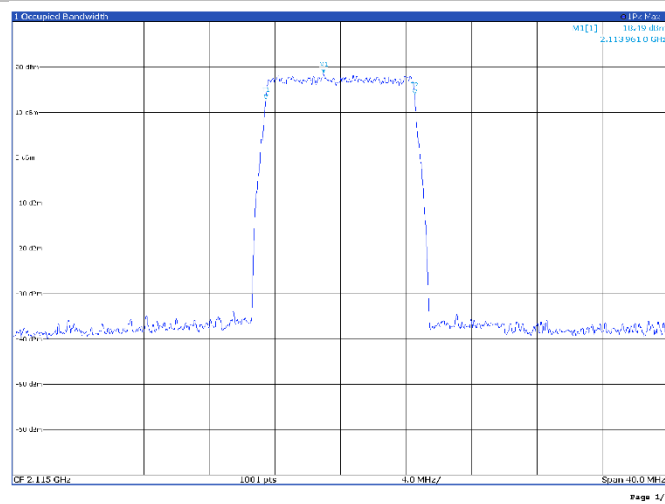
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.142362 GHz	18.42 dBm	Dec BW	9.038968164 MHz
T1	1		2.1404027 GHz	12.95 dBm	Dec BW Centroid	2.142300179 GHz
T2	1		2.1443127 GHz	15.10 dBm	Dec BW Centroid	2.142300179 GHz

TM3p1, 10 MHz, high channel



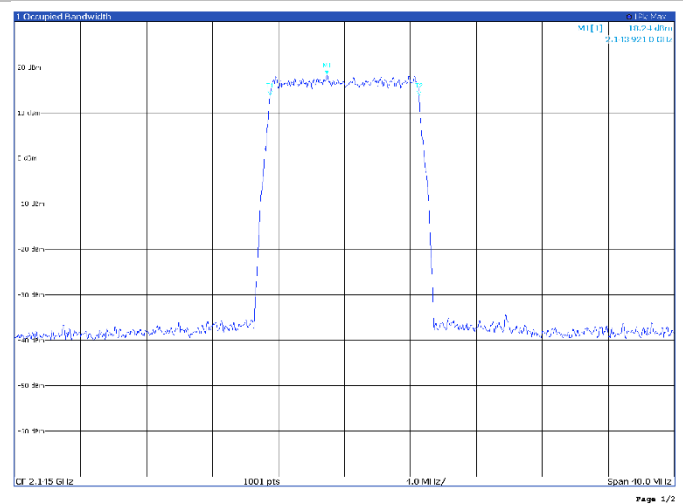
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.174241 GHz	18.49 dBm	Dec BW	9.047376237 MHz
T1	1		2.1704029 GHz	14.12 dBm	Dec BW Centroid	2.174285312 GHz
T2	1		2.1781333 GHz	12.75 dBm	Dec BW Centroid	2.174285312 GHz

TM3p1a, 10 MHz, low channel



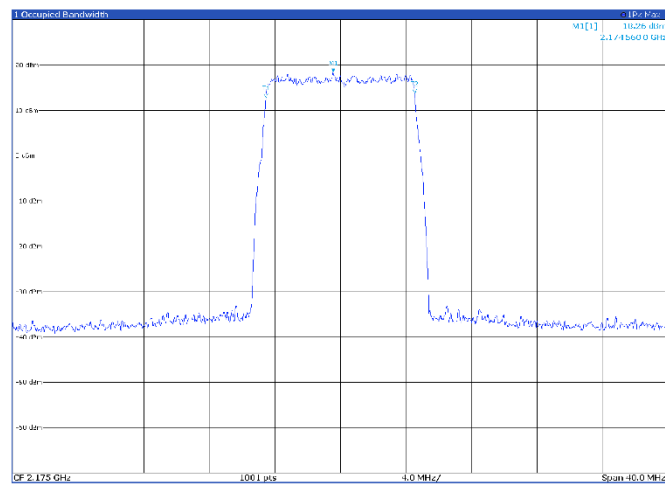
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113961 GHz	18.49 dBm	Dec BW	9.06052879 MHz
T1	1		2.1104029 GHz	14.30 dBm	Dec BW Centroid	2.113922888 GHz
T2	1		2.1174333 GHz	15.30 dBm	Dec BW Centroid	2.113922888 GHz

TM3p1a, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.143921 GHz	18.24 dBm	Dec BW	9.040607536 MHz
T1	1		2.1404029 GHz	12.00 dBm	Dec BW Centroid	2.143900415 GHz
T2	1		2.1474333 GHz	12.24 dBm	Dec BW Centroid	2.143900415 GHz

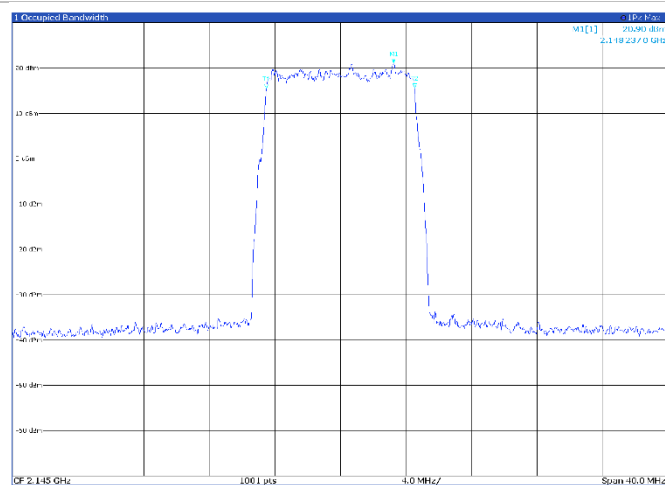
TM3p1a, 10 MHz, high channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.174 56 GHz	18.26 dBm	Occ BW	9.064 929 265 MHz
T1	1		2.170 461 GHz	14.76 dBm	Occ BW Centroid	2.174 952 765 GHz
T2	1		2.174 651 GHz	17.02 dBm	Occ BW Centroid	2.174 952 765 GHz

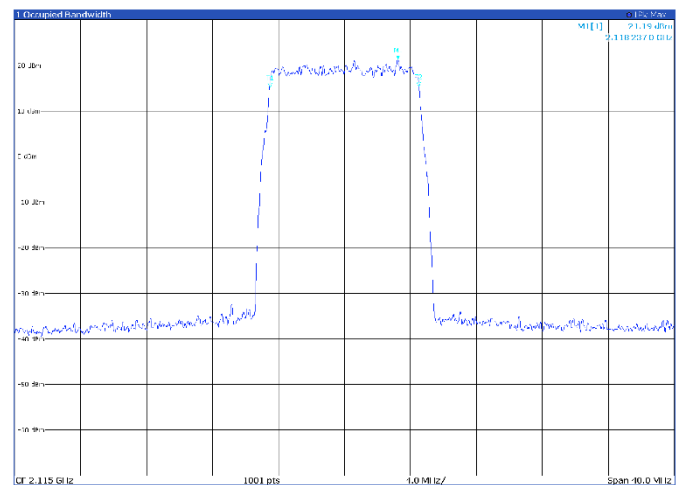
TM3p3, 10 MHz, mid channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.148 237 GHz	20.90 dBm	Occ BW	9.029 718 517 MHz
T1	1		2.140 462 GHz	15.40 dBm	Occ BW Centroid	2.144 953 525 GHz
T2	1		2.148 510 GHz	15.80 dBm	Occ BW Centroid	2.144 953 525 GHz

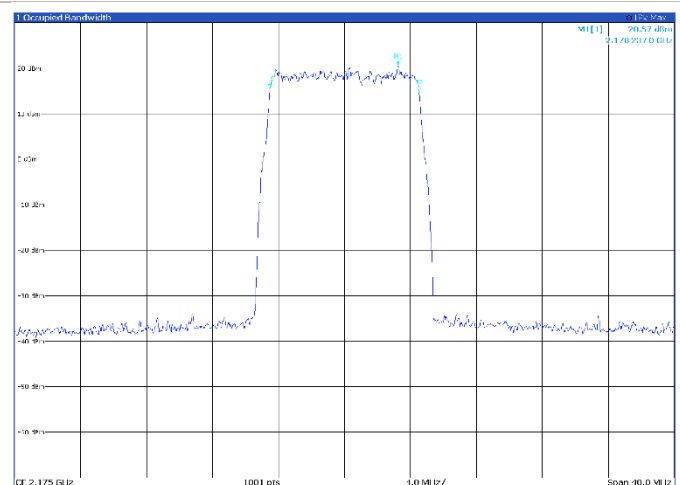
TM3p3, 10 MHz, low channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.118 237 GHz	21.19 dBm	Occ BW	9.041 371 185 MHz
T1	1		2.110 461 GHz	15.14 dBm	Occ BW Centroid	2.114 953 525 GHz
T2	1		2.118 461 GHz	15.36 dBm	Occ BW Centroid	2.114 953 525 GHz

TM3p3, 10 MHz, high channel



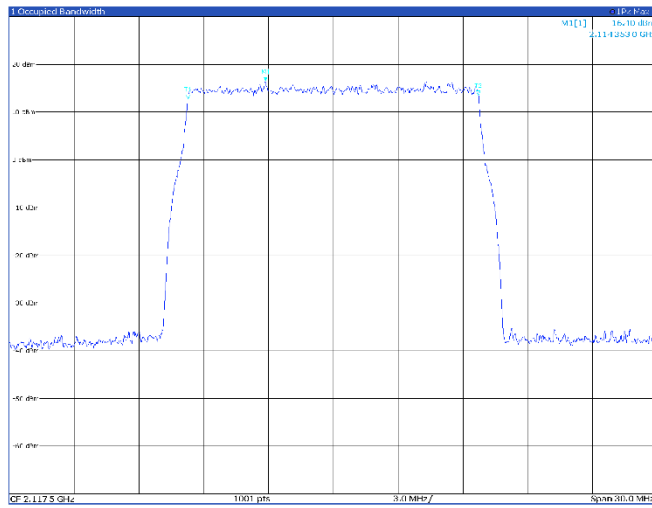
Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.178 237 GHz	20.57 dBm	Occ BW	9.035 832 644 MHz
T1	1		2.170 462 GHz	15.50 dBm	Occ BW Centroid	2.174 953 525 GHz
T2	1		2.178 514 GHz	15.86 dBm	Occ BW Centroid	2.174 953 525 GHz

Band B66

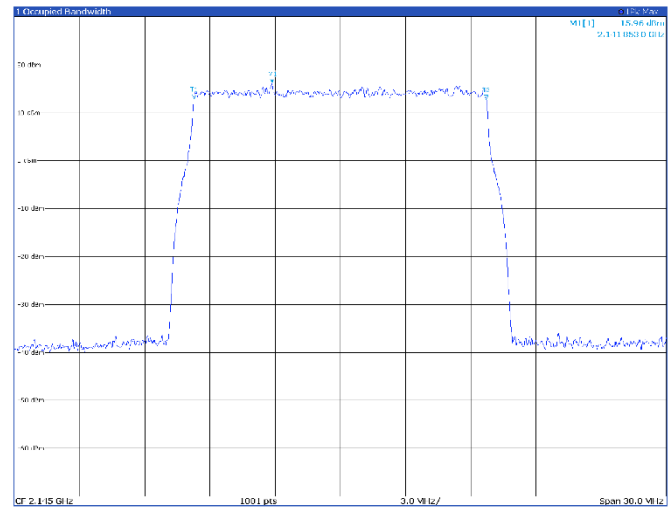
15 MHz

TM1.1, 15 MHz, low channel



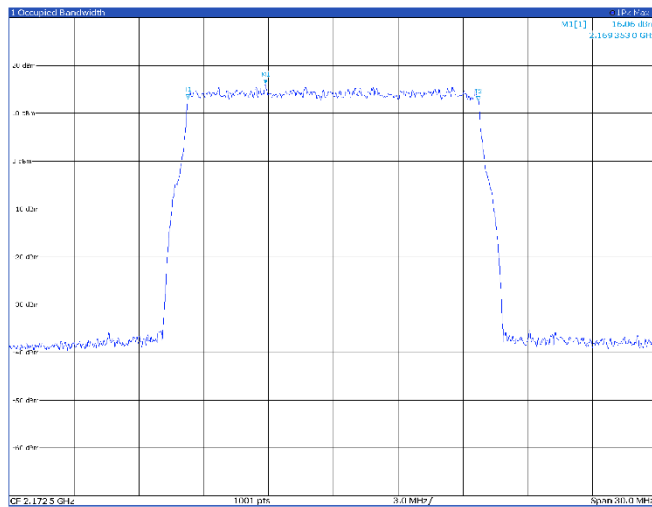
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114353 GHz	16.40 dBm	Occupied Bandwidth	13.438168464 MHz
M2	1		2.114353 GHz	16.40 dBm	Occupied Bandwidth	13.438168464 MHz
M3	1		2.114353 GHz	16.40 dBm	Occupied Bandwidth	13.438168464 MHz

TM1.1, 15 MHz, mid channel



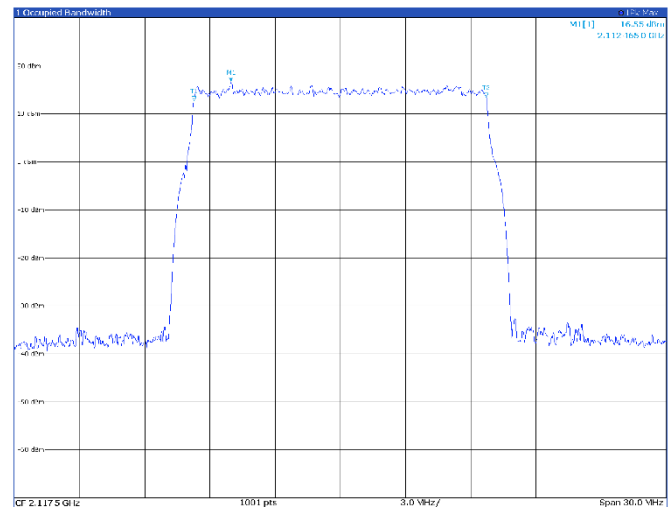
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114853 GHz	15.96 dBm	Occupied Bandwidth	13.43620269 MHz
M2	1		2.114853 GHz	15.96 dBm	Occupied Bandwidth	13.43620269 MHz
M3	1		2.114853 GHz	15.96 dBm	Occupied Bandwidth	13.43620269 MHz

TM1.1, 15 MHz, high channel



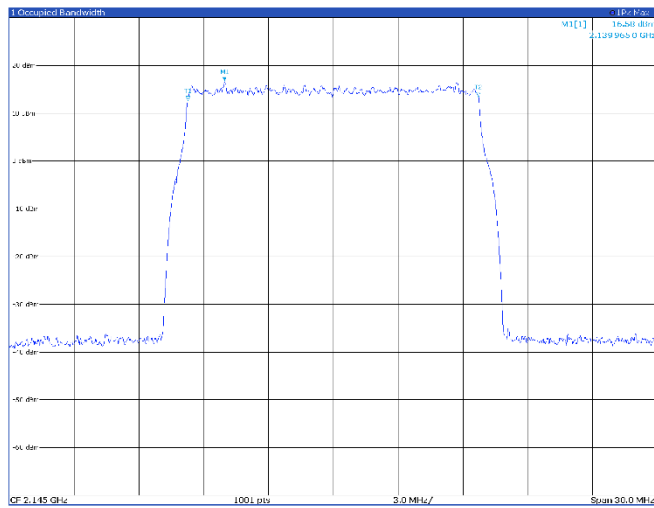
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1169353 GHz	16.06 dBm	Occupied Bandwidth	13.445396507 MHz
M2	1		2.1169353 GHz	16.06 dBm	Occupied Bandwidth	13.445396507 MHz
M3	1		2.1169353 GHz	16.06 dBm	Occupied Bandwidth	13.445396507 MHz

TM3p1, 15 MHz, low channel



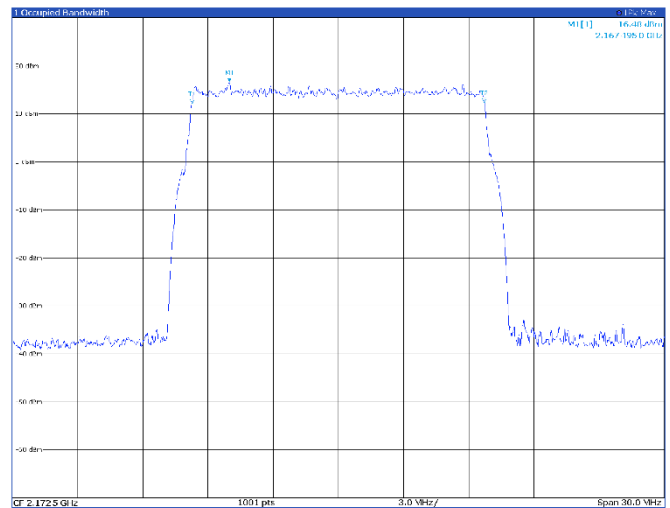
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112465 GHz	16.55 dBm	Occupied Bandwidth	13.457632821 MHz
M2	1		2.112465 GHz	16.55 dBm	Occupied Bandwidth	13.457632821 MHz
M3	1		2.112465 GHz	16.55 dBm	Occupied Bandwidth	13.457632821 MHz

TM3p1, 15 MHz, mid channel



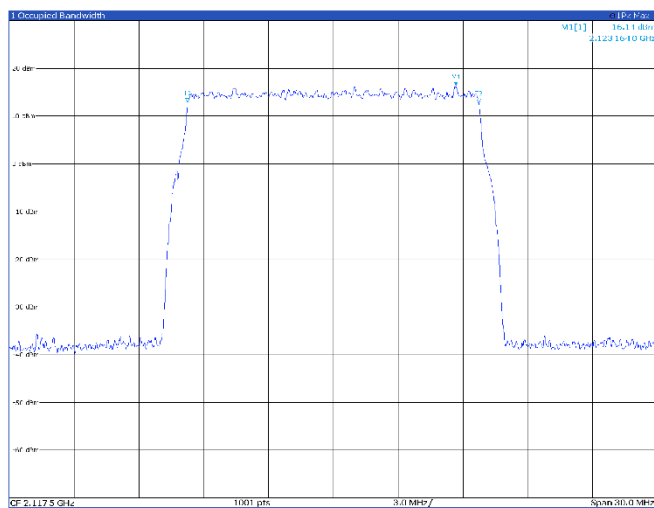
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1		2.139 965 GHz	16.58 dBm		Occ SW	13.458 936 723 MHz
P1	1		2.139 965 GHz	16.58 dBm		Occ SW Control	2.144 50703 GHz
P1	1		2.139 965 GHz	16.58 dBm		Occ SW Control	2.144 50703 GHz

TM3p1, 15 MHz, high channel



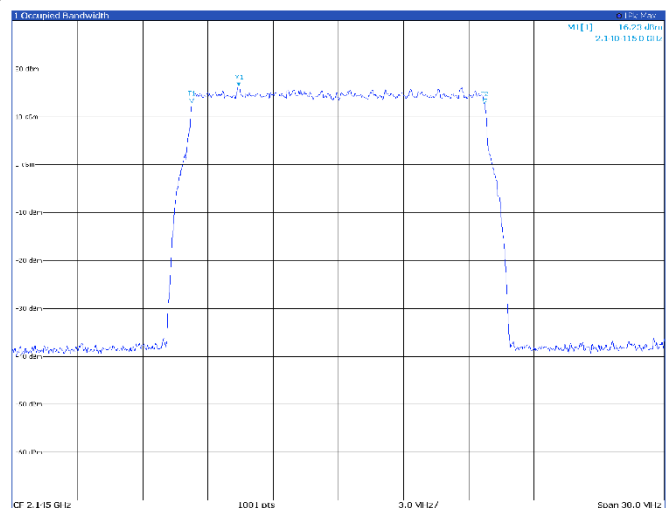
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1		2.167 495 GHz	16.48 dBm		Occ SW	13.447 321 625 MHz
P1	1		2.167 495 GHz	16.48 dBm		Occ SW Control	2.172 80703 GHz
P1	1		2.167 495 GHz	16.48 dBm		Occ SW Control	2.172 80703 GHz

TM3p1a, 15 MHz, low channel

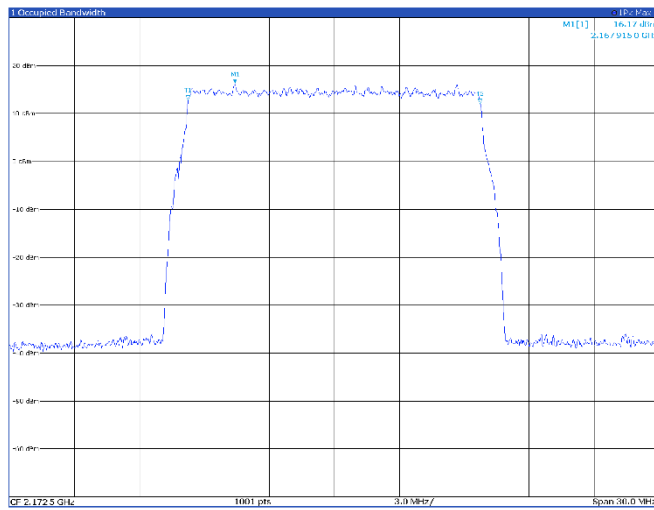


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1		2.123 164 GHz	16.14 dBm		Occ SW	13.476 892 931 MHz
P1	1		2.123 164 GHz	16.14 dBm		Occ SW Control	2.111 409 903 GHz
P1	1		2.123 164 GHz	16.14 dBm		Occ SW Control	2.111 409 903 GHz

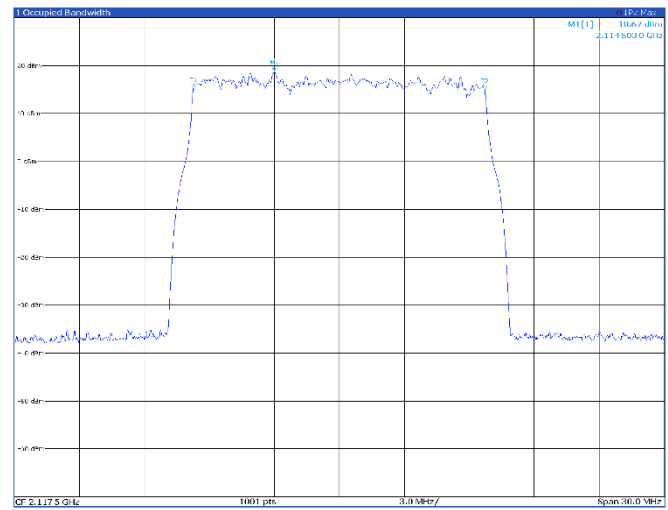
TM3p1a, 15 MHz, mid channel



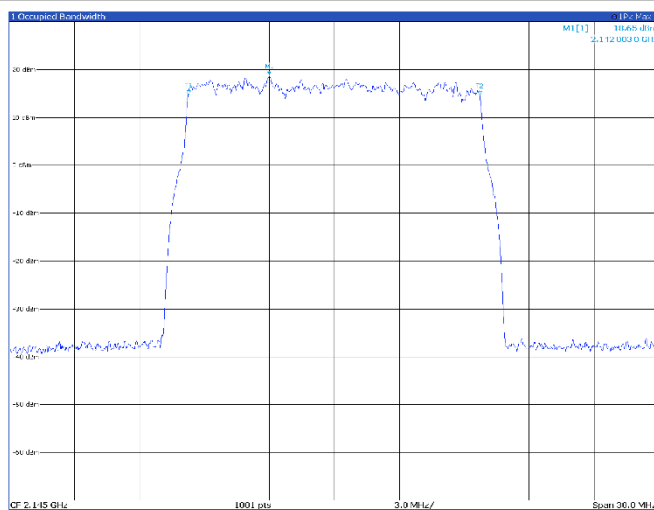
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1		2.140 415 GHz	16.23 dBm		Occ SW	13.474 554 966 MHz
P1	1		2.140 415 GHz	16.23 dBm		Occ SW Control	2.111 907 1 GHz
P1	1		2.140 415 GHz	16.23 dBm		Occ SW Control	2.111 907 1 GHz

TM3p1a, 15 MHz, high channel


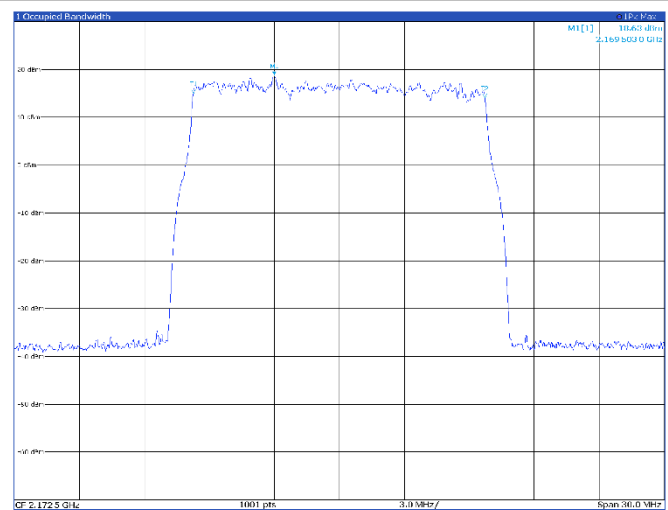
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.167915 GHz	16.17 dBm	Occ. Sw	13.477989961 MHz
1	1	1	2.167915 GHz	16.17 dBm	Occ. Sw	13.477989961 MHz
2	1	1	2.167915 GHz	16.17 dBm	Occ. Sw	13.477989961 MHz

TM3p3, 15 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.114503 GHz	18.67 dBm	Occ. Sw	13.44594914 MHz
1	1	1	2.114503 GHz	18.67 dBm	Occ. Sw	13.44594914 MHz
2	1	1	2.114503 GHz	18.67 dBm	Occ. Sw	13.44594914 MHz

TM3p3, 15 MHz, mid channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.142003 GHz	18.65 dBm	Occ. Sw	13.442630547 MHz
1	1	1	2.142003 GHz	18.65 dBm	Occ. Sw	13.442630547 MHz
2	1	1	2.142003 GHz	18.65 dBm	Occ. Sw	13.442630547 MHz

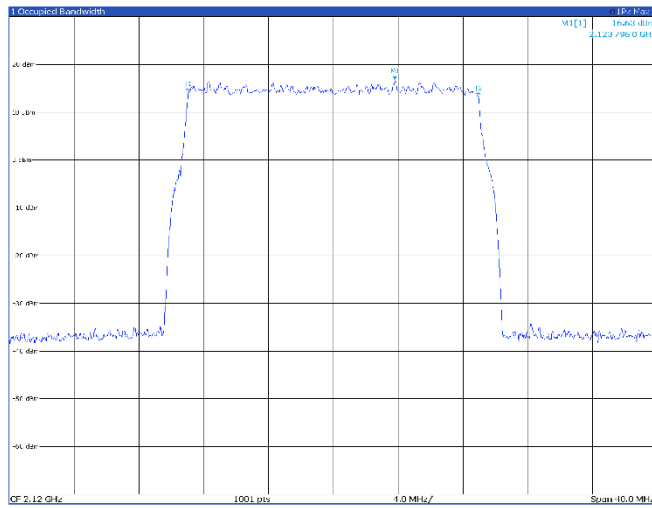
TM3p3, 15 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.169503 GHz	18.63 dBm	Occ. Sw	13.440769591 MHz
1	1	1	2.169503 GHz	18.63 dBm	Occ. Sw	13.440769591 MHz
2	1	1	2.169503 GHz	18.63 dBm	Occ. Sw	13.440769591 MHz

Band B66

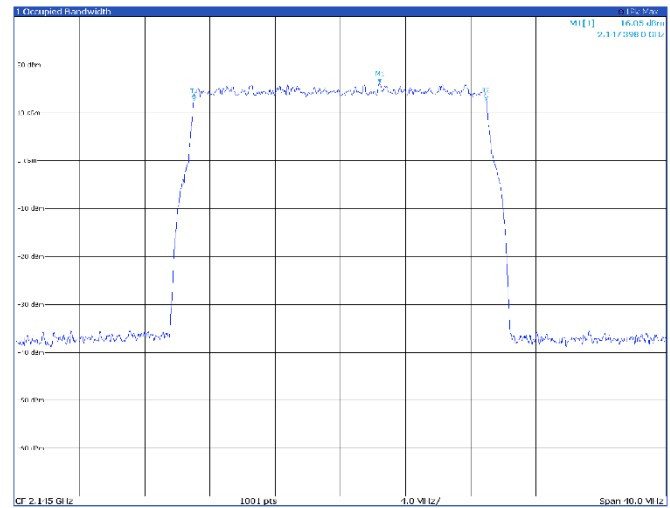
20 MHz

TM1.1, 20 MHz, low channel



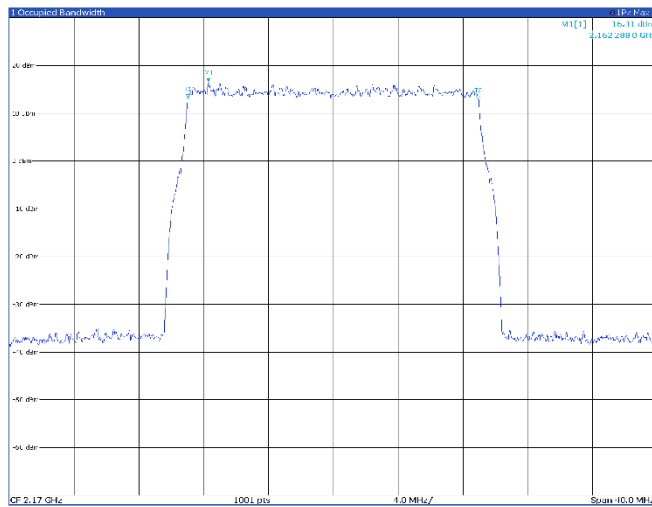
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.123 796 GHz	16.63 dBm	Occ Sw	17.914 856 303 MHz
F1	1		2.123 025 GHz	15.00 dBm	Occ Sw Channel	2.119 999 507 GHz
F2	1		2.123 966 GHz	15.00 dBm	Occ Sw Channel	2.124 000 492 GHz

TM1.1, 20 MHz, mid channel



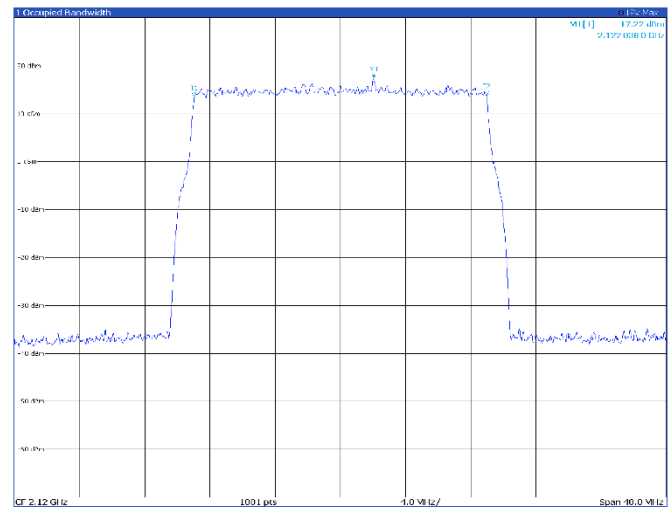
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147 398 GHz	16.05 dBm	Occ Sw	17.925 812 911 MHz
F1	1		2.145 000 GHz	15.00 dBm	Occ Sw Channel	2.141 999 507 GHz
F2	1		2.149 966 GHz	15.00 dBm	Occ Sw Channel	2.154 000 492 GHz

TM1.1, 20 MHz, high channel



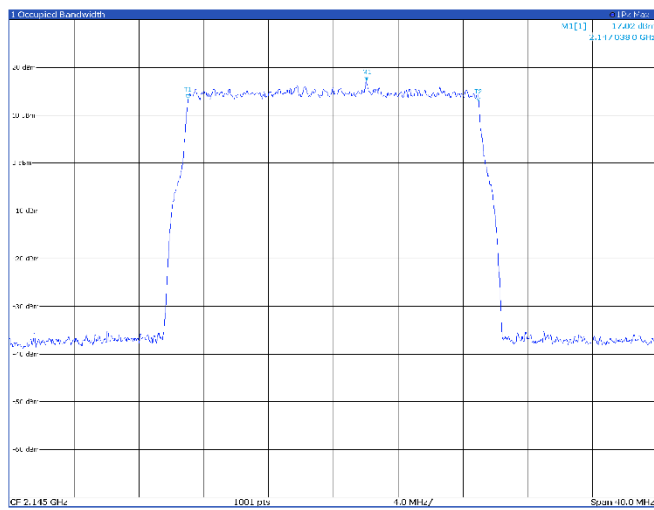
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.162 288 GHz	16.41 dBm	Occ Sw	17.922 209 076 MHz
F1	1		2.161 025 GHz	15.00 dBm	Occ Sw Channel	2.159 999 507 GHz
F2	1		2.163 966 GHz	15.00 dBm	Occ Sw Channel	2.166 000 492 GHz

TM3p1, 20 MHz, low channel



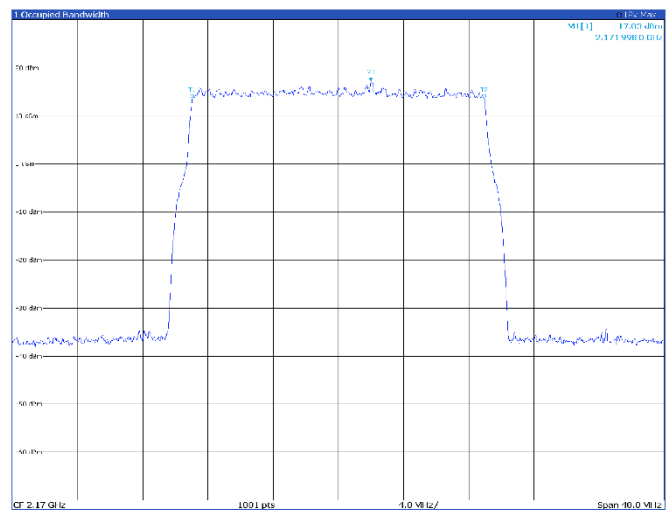
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.122 038 GHz	17.22 dBm	Occ Sw	17.932 455 069 MHz
F1	1		2.121 000 GHz	15.00 dBm	Occ Sw Channel	2.120 999 507 GHz
F2	1		2.123 966 GHz	15.00 dBm	Occ Sw Channel	2.124 000 492 GHz

TM3p1, 20 MHz, mid channel



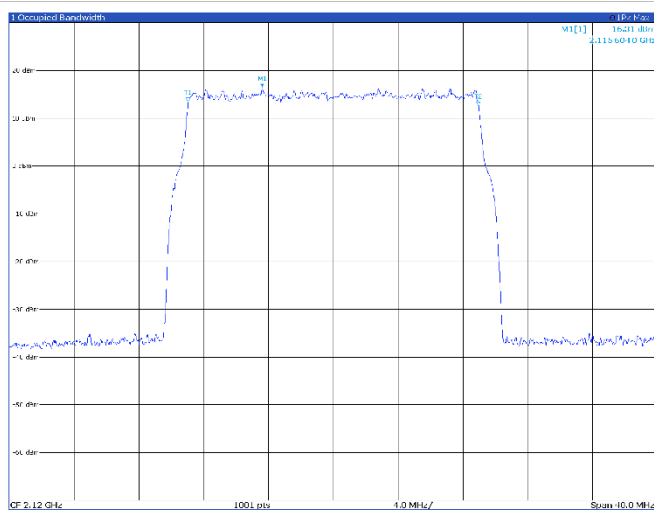
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.147 038 GHz	17.02 dBm	Cor. Sw	Occupied Bandwidth	17.905311 278 MHz
M2	1		2.145 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.144900 200 GHz
M3	1		2.149 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.149000 200 GHz

TM3p1, 20 MHz, high channel



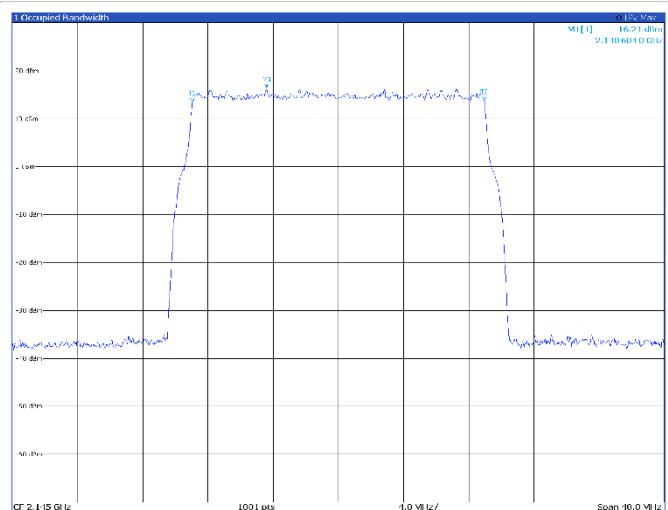
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.171 998 GHz	17.03 dBm	Cor. Sw	Occupied Bandwidth	17.929762 969 MHz
M2	1		2.169 000 GHz	13.48 dBm	Cor. Sw	Occupied Bandwidth	2.169000 200 GHz
M3	1		2.174 000 GHz	13.48 dBm	Cor. Sw	Occupied Bandwidth	2.174000 200 GHz

TM3p1a, 20 MHz, low channel



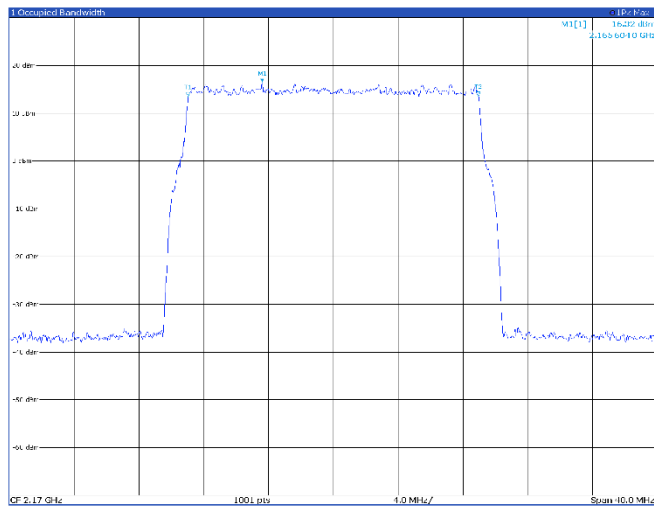
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.115 604 GHz	16.31 dBm	Cor. Sw	Occupied Bandwidth	17.916216 099 MHz
M2	1		2.113 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.113000 200 GHz
M3	1		2.118 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.118000 200 GHz

TM3p1a, 20 MHz, mid channel



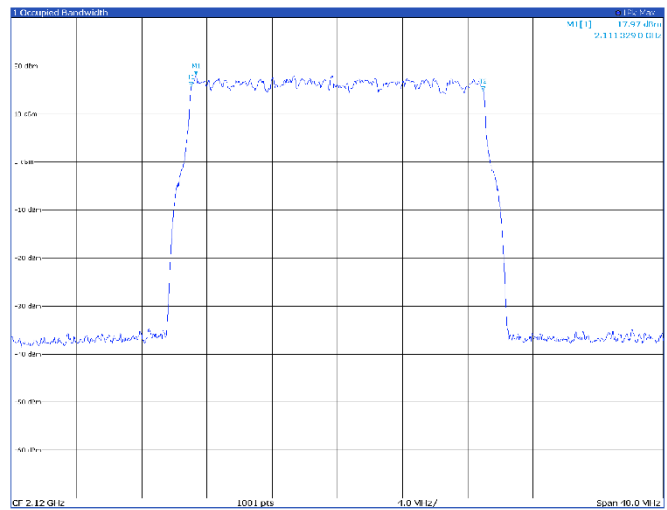
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.140 604 GHz	16.21 dBm	Cor. Sw	Occupied Bandwidth	17.921540 296 MHz
M2	1		2.138 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.138000 200 GHz
M3	1		2.143 000 GHz	13.25 dBm	Cor. Sw	Occupied Bandwidth	2.143000 200 GHz

TM3p1a, 20 MHz, high channel



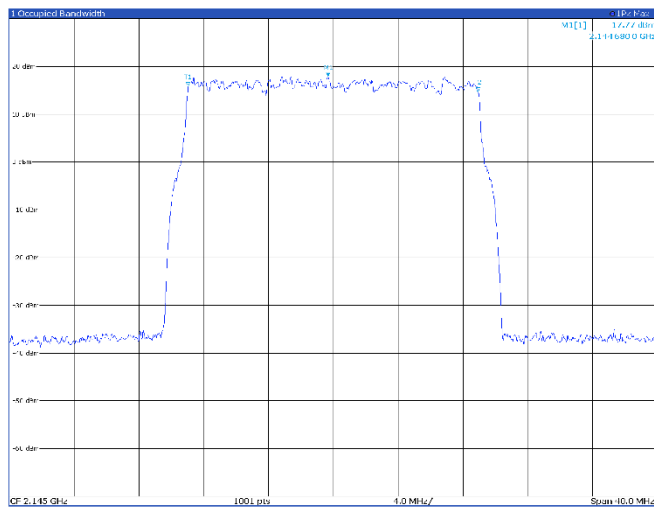
Type	Ref	Trc	X Value	Y Value	Function	Function Result
1	1	1	2.165 604 GHz	16.32 dBm	Occ Sw	17.919 984 787 MHz
1	1	1	2.161 025 1 GHz	15.47 dBm	Occ Sw Control	2.160 925 162 GHz
1	1	1	2.170 353 1 GHz	15.47 dBm	Occ Sw Control	2.170 353 162 GHz

TM3p3, 20 MHz, low channel



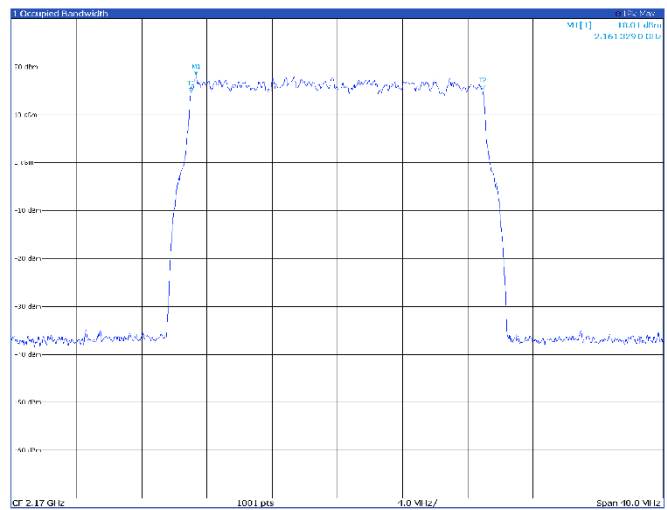
Type	Ref	Trc	X Value	Y Value	Function	Function Result
1	1	1	2.111 329 GHz	17.97 dBm	Occ Sw	17.905 252 334 MHz
1	1	1	2.111 025 1 GHz	15.72 dBm	Occ Sw Control	2.110 925 162 GHz
1	1	1	2.112 553 1 GHz	14.72 dBm	Occ Sw Control	2.112 553 162 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
1	1	1	2.144 68 GHz	17.77 dBm	Occ Sw	17.894 966 851 MHz
1	1	1	2.135 02 2 GHz	15.47 dBm	Occ Sw Control	2.144 67 2 GHz
1	1	1	2.154 55 2 GHz	15.47 dBm	Occ Sw Control	2.154 55 2 GHz

TM3p3, 20 MHz, high channel



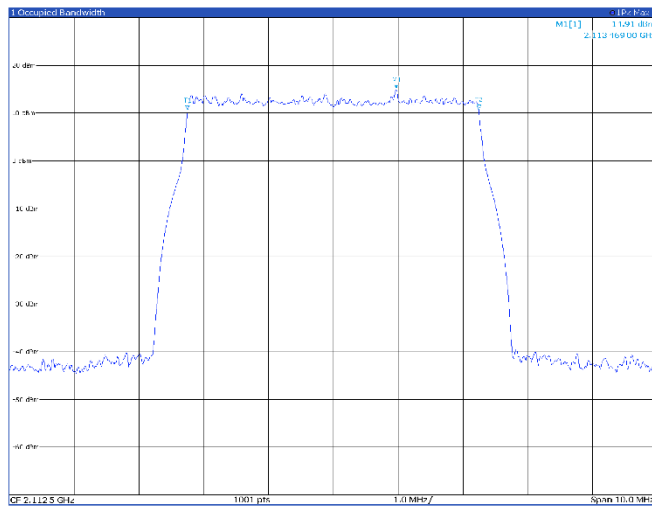
Type	Ref	Trc	X Value	Y Value	Function	Function Result
1	1	1	2.161 329 GHz	18.01 dBm	Occ Sw	17.896 347 922 MHz
1	1	1	2.161 025 1 GHz	14.55 dBm	Occ Sw Control	2.160 925 162 GHz
1	1	1	2.170 325 1 GHz	15.22 dBm	Occ Sw Control	2.170 325 162 GHz

Antenna port 2

Band B66

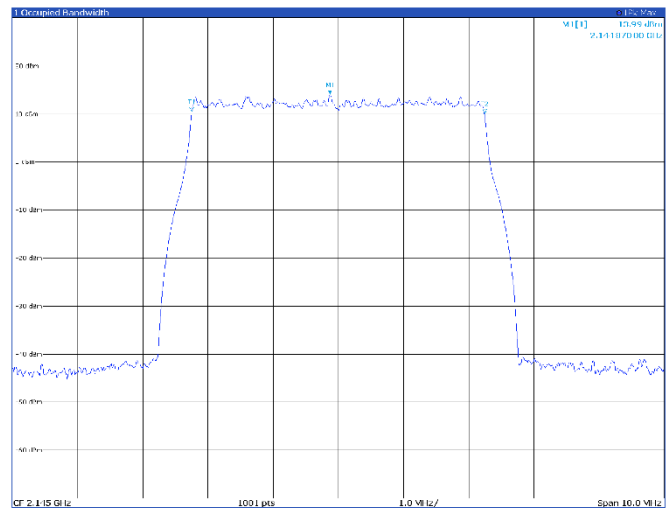
5 MHz

TM1.1, 5 MHz, low channel



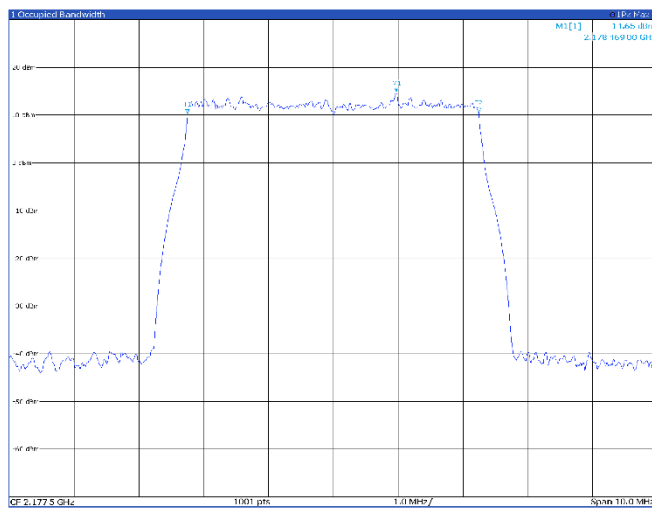
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113469 GHz	14.91 dBm	Occ BW	4.490876023 MHz
M2	1		2.112500 GHz	10.45 dBm	Occ BW Control	2.11250000 GHz
M3	1		2.114500 GHz	10.45 dBm	Occ BW Control	2.11450000 GHz

TM1.1, 5 MHz, mid channel



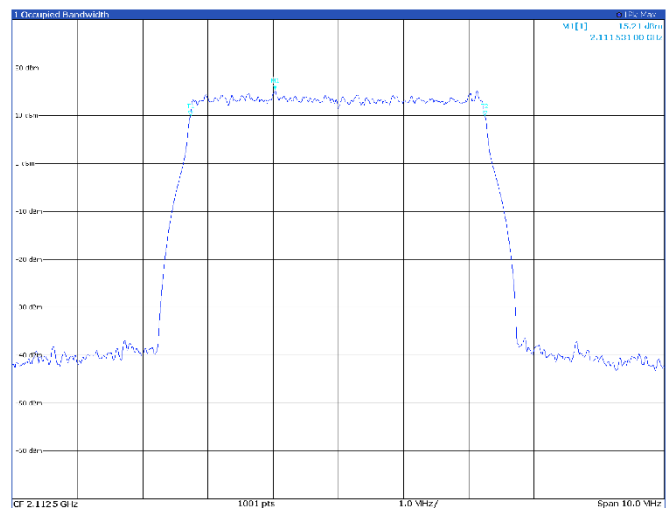
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.14487 GHz	13.99 dBm	Occ BW	4.490315787 MHz
M2	1		2.143500 GHz	10.45 dBm	Occ BW Control	2.14350000 GHz
M3	1		2.146500 GHz	10.45 dBm	Occ BW Control	2.14650000 GHz

TM1.1, 5 MHz, high channel



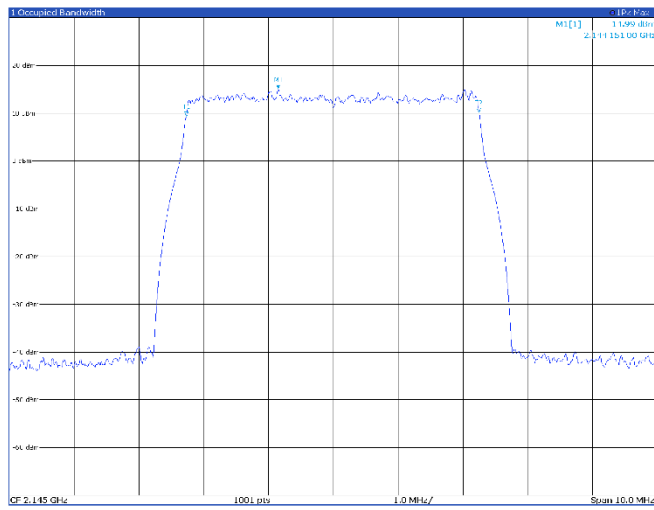
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.178469 GHz	14.65 dBm	Occ BW	4.492680949 MHz
M2	1		2.177500 GHz	10.45 dBm	Occ BW Control	2.17750000 GHz
M3	1		2.179500 GHz	10.45 dBm	Occ BW Control	2.17950000 GHz

TM3p1, 5 MHz, low channel



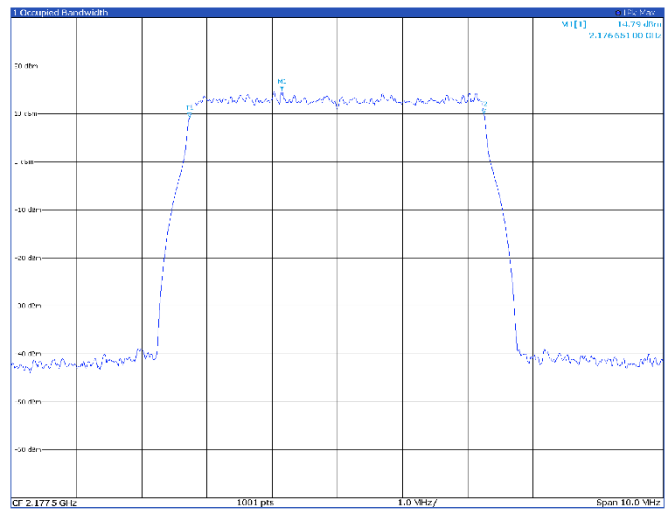
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.111531 GHz	15.21 dBm	Occ BW	4.516498473 MHz
M2	1		2.110500 GHz	9.51 dBm	Occ BW Control	2.11050000 GHz
M3	1		2.112500 GHz	9.51 dBm	Occ BW Control	2.11250000 GHz

TM3p1, 5 MHz, mid channel



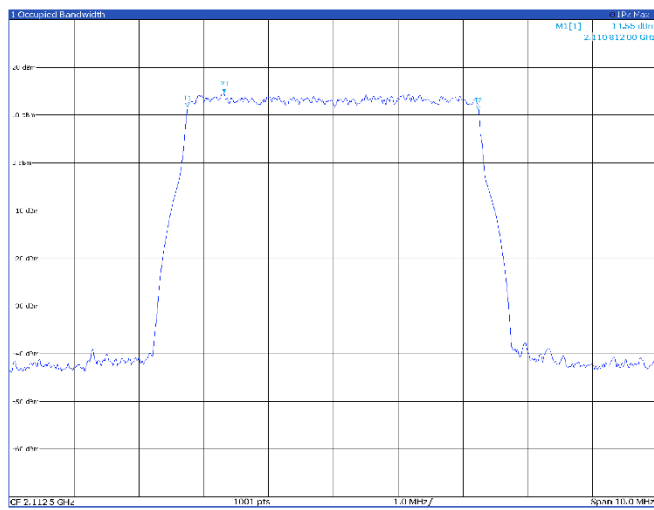
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.144151 GHz	14.99 dBm	Occ Sw	4.511630878 MHz
M1	1		2.144151 GHz	14.99 dBm	Occ Sw Channel	2.144151 GHz
M1	1		2.144151 GHz	14.99 dBm	Occ Sw Channel	2.144151 GHz

TM3p1, 5 MHz, high channel



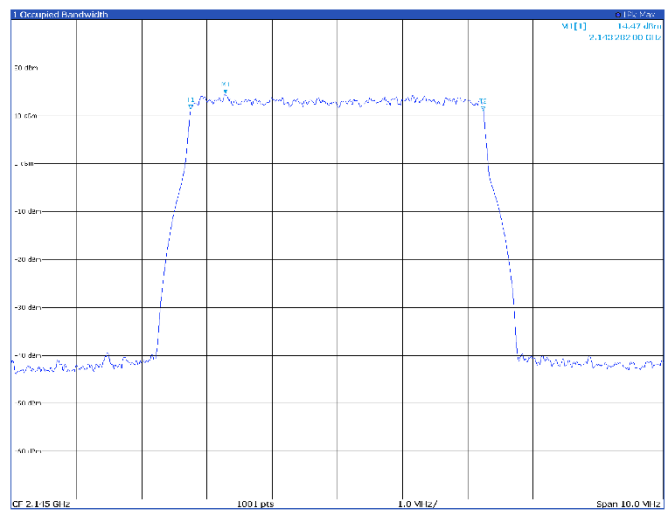
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.176651 GHz	14.79 dBm	Occ Sw	4.512138133 MHz
M1	1		2.176651 GHz	14.79 dBm	Occ Sw Channel	2.177491303 GHz
M1	1		2.176651 GHz	14.79 dBm	Occ Sw Channel	2.177491303 GHz

TM3p1a, 5 MHz, low channel



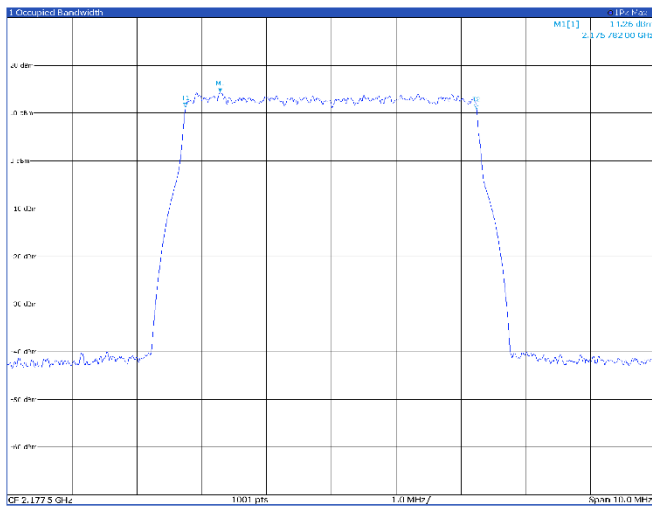
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.110912 GHz	14.55 dBm	Occ Sw	4.485748672 MHz
M1	1		2.110912 GHz	14.55 dBm	Occ Sw Channel	2.110912 GHz
M1	1		2.110912 GHz	14.55 dBm	Occ Sw Channel	2.110912 GHz

TM3p1a, 5 MHz, mid channel



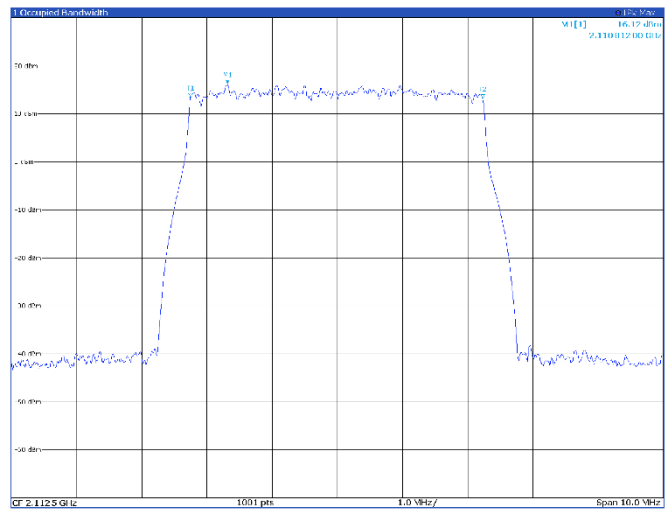
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.142282 GHz	14.47 dBm	Occ Sw	4.483682814 MHz
M1	1		2.142282 GHz	14.47 dBm	Occ Sw Channel	2.142282 GHz
M1	1		2.142282 GHz	14.47 dBm	Occ Sw Channel	2.142282 GHz

TM3p1a, 5 MHz, high channel



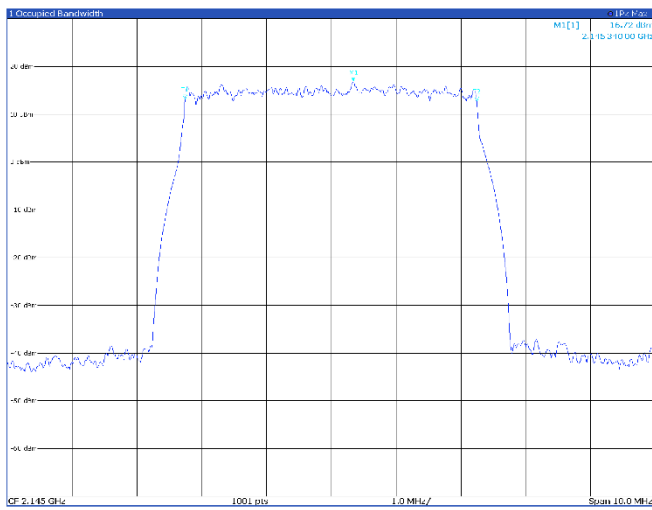
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.175 782 GHz	14.26 dBm	Occ Sw	4.485 249 385 MHz
M1	1		2.175 782 GHz	11.10 dBm	Occ Sw Channel 2	2.177 400 GHz
M1	1		2.175 782 GHz	10.60 dBm	Occ Sw Channel 2	2.177 400 GHz

TM3p3, 5 MHz, low channel



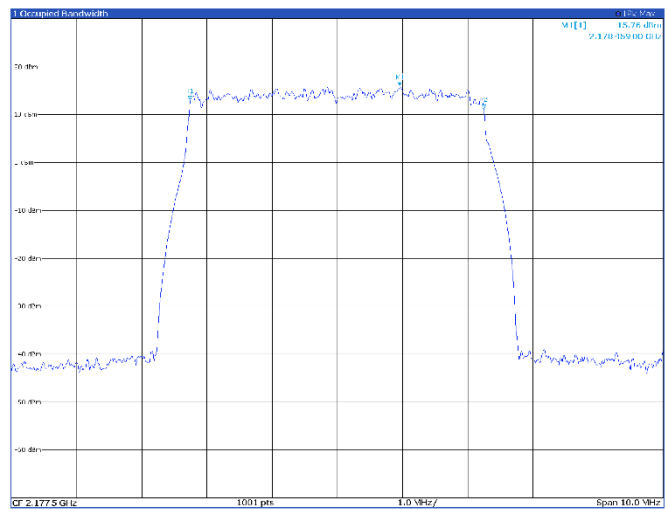
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.110 812 GHz	16.12 dBm	Occ Sw	4.485 304 746 MHz
M1	1		2.110 812 GHz	13.02 dBm	Occ Sw Channel 2	2.112 807 GHz
M1	1		2.110 812 GHz	12.50 dBm	Occ Sw Channel 2	2.112 807 GHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.143 34 GHz	16.72 dBm	Occ Sw	4.496 529 329 MHz
M1	1		2.143 34 GHz	13.14 dBm	Occ Sw Channel 2	2.145 992 GHz
M1	1		2.143 34 GHz	12.65 dBm	Occ Sw Channel 2	2.145 992 GHz

TM3p3, 5 MHz, high channel

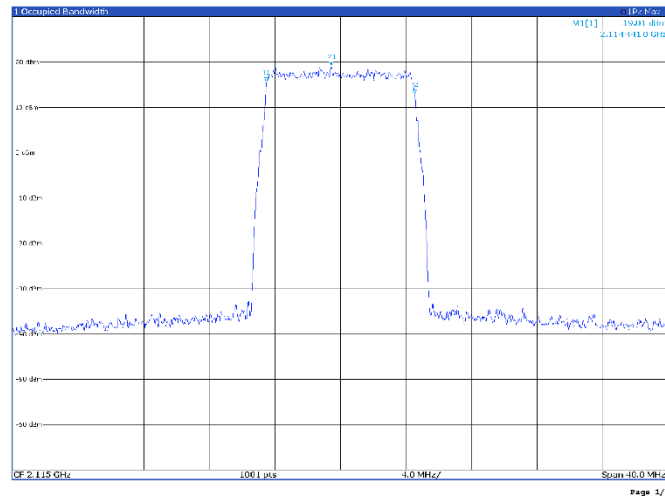


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.175 459 GHz	15.76 dBm	Occ Sw	4.501 291 956 MHz
M1	1		2.175 459 GHz	12.93 dBm	Occ Sw Channel 2	2.177 007 GHz
M1	1		2.175 459 GHz	12.42 dBm	Occ Sw Channel 2	2.177 007 GHz

Band B66

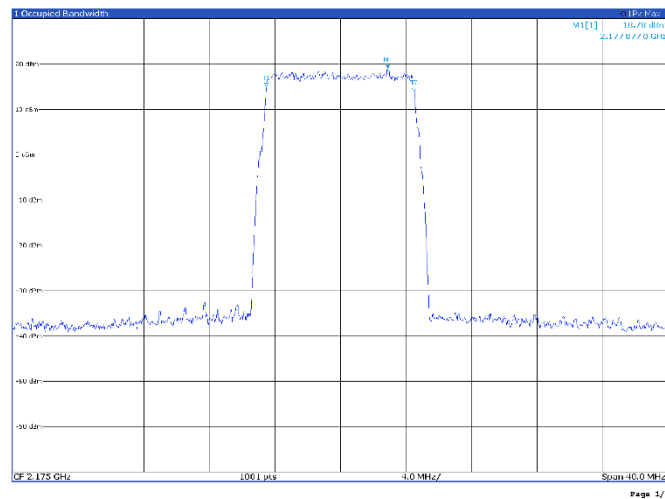
10 MHz

TM1.1, 10 MHz, low channel



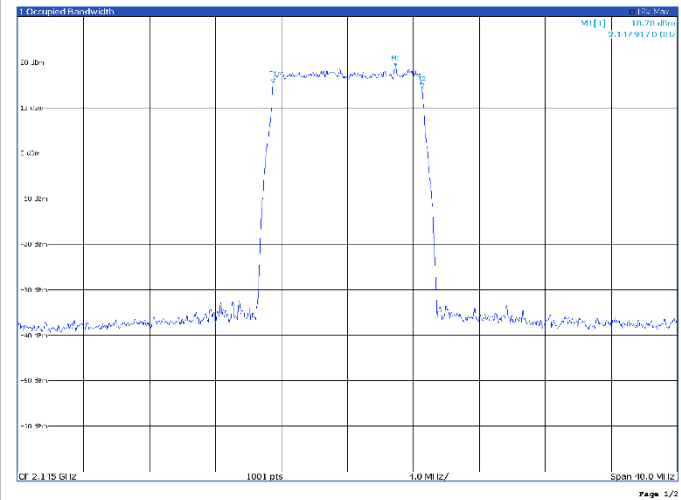
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.114441 GHz	19.01 dBm	Occ Bw	9.045640021 MHz
T1	1		2.1104677 GHz	15.51 dBm	Occ Bw Centroid	2.114902542 GHz
T2	1		2.1184116 GHz	12.15 dBm	Occ Bw Offset	2.114902542 GHz

TM1.1, 10 MHz, high channel



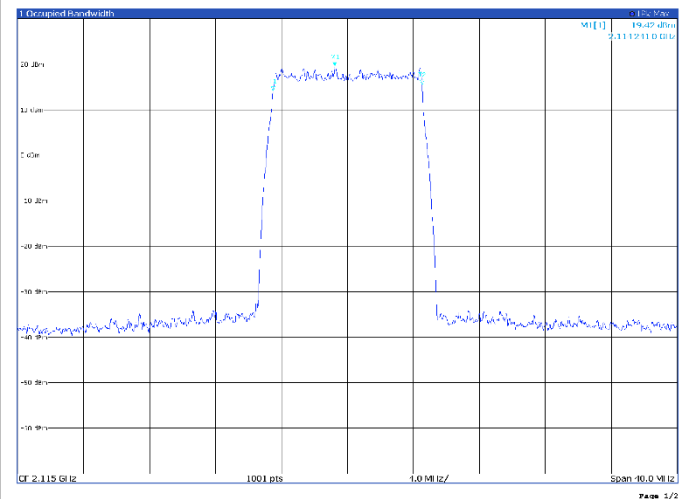
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.117777 GHz	18.78 dBm	Occ Bw	9.03633098 MHz
T1	1		2.1149472 GHz	14.62 dBm	Occ Bw Centroid	2.1174027402 GHz
T2	1		2.1206074 GHz	11.70 dBm	Occ Bw Offset	2.1174027402 GHz

TM1.1, 10 MHz, mid channel



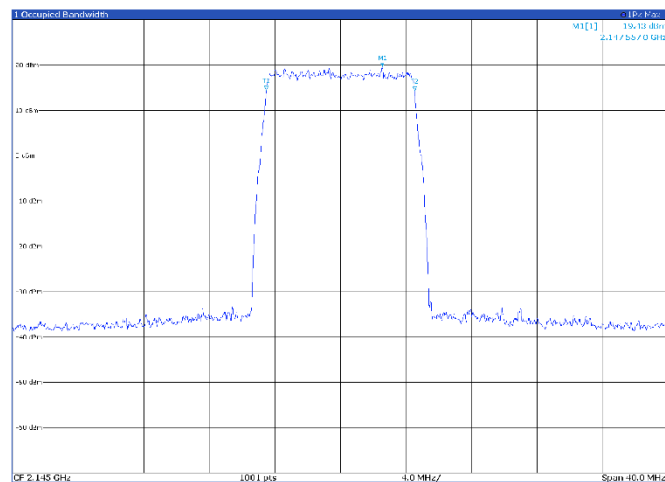
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.117911 GHz	18.78 dBm	Occ Bw	9.056669012 MHz
T1	1		2.1149472 GHz	12.36 dBm	Occ Bw Centroid	2.1174027402 GHz
T2	1		2.1206074 GHz	10.23 dBm	Occ Bw Offset	2.1174027402 GHz

TM3p1, 10 MHz, low channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.114241 GHz	19.42 dBm	Occ Bw	9.052660591 MHz
T1	1		2.1104677 GHz	14.17 dBm	Occ Bw Centroid	2.1174027402 GHz
T2	1		2.1184116 GHz	11.60 dBm	Occ Bw Offset	2.1174027402 GHz

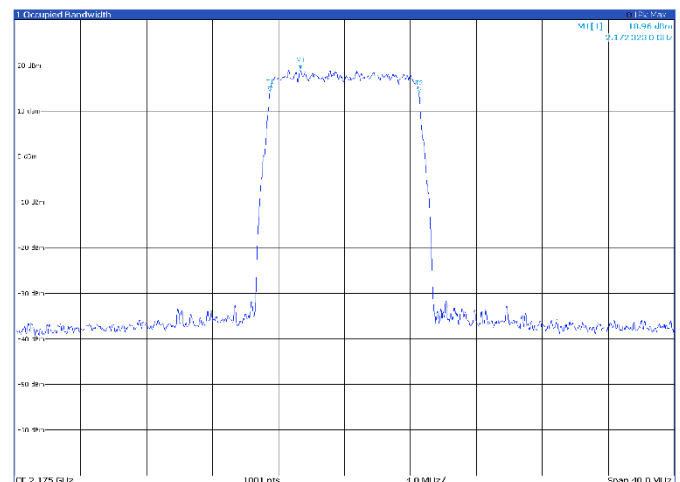
TM3p1, 10 MHz, mid channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.117557 GHz	19.43 dBm	Dec BW	9.042577931 MHz
T1	1		2.1145 GHz	-14.40 dBm	Dec BW Centroid	2.114500 GHz
T2	1		2.1205 GHz	-14.40 dBm	Dec BW Centroid	2.120500 GHz

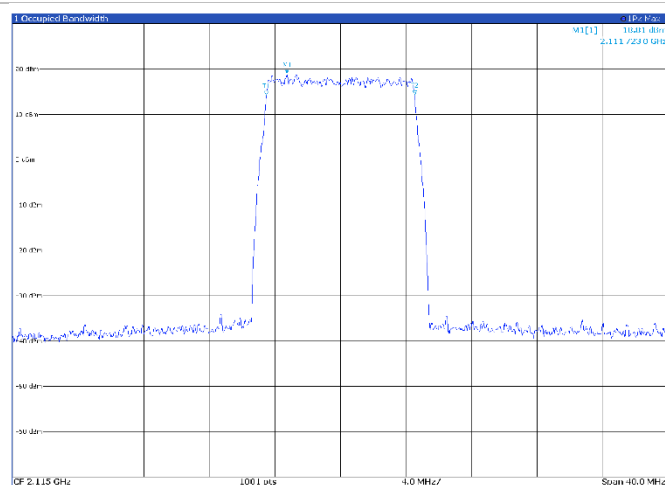
TM3p1, 10 MHz, high channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.1172323 GHz	16.96 dBm	Dec BW	9.042395088 MHz
T1	1		2.1142 GHz	-14.32 dBm	Dec BW Centroid	2.114200 GHz
T2	1		2.1202 GHz	-14.32 dBm	Dec BW Centroid	2.120200 GHz

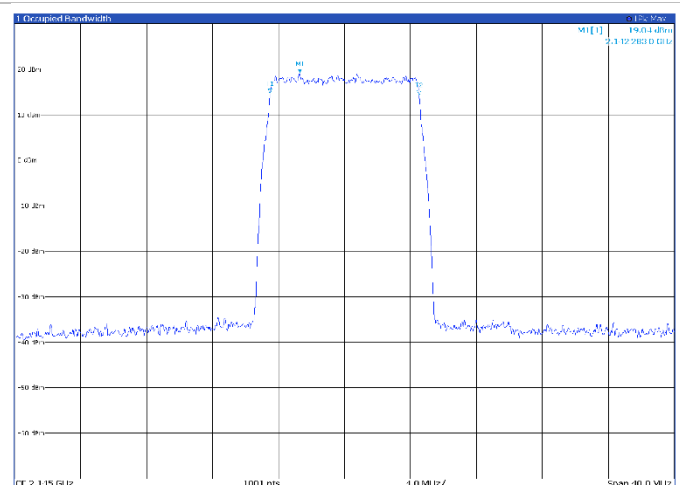
TM3p1a, 10 MHz, low channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.111723 GHz	18.51 dBm	Dec BW	9.055198092 MHz
T1	1		2.1087 GHz	-14.41 dBm	Dec BW Centroid	2.108700 GHz
T2	1		2.1147 GHz	-14.41 dBm	Dec BW Centroid	2.114700 GHz

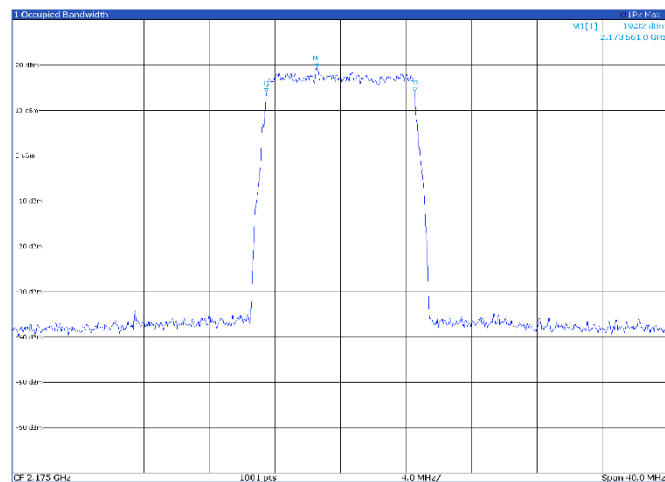
TM3p1a, 10 MHz, mid channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112283 GHz	19.04 dBm	Dec BW	9.054813809 MHz
T1	1		2.1092 GHz	-14.65 dBm	Dec BW Centroid	2.109200 GHz
T2	1		2.1152 GHz	-14.65 dBm	Dec BW Centroid	2.115200 GHz

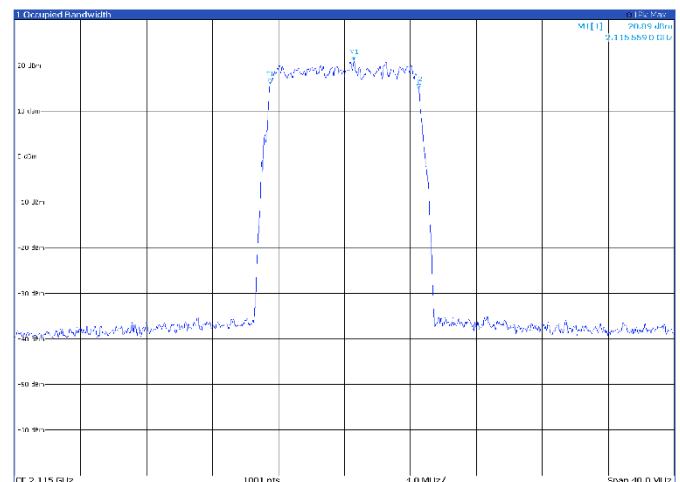
TM3p1a, 10 MHz, high channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.173561 GHz	19.32 dBm	Doc Bw	9.036723188 MHz
T1	1		2.1704727 GHz	12.02 dBm	Doc Bw Centroid	-1.74902344 GHz
T2	1		2.1766512 GHz	15.38 dBm	Doc Bw Freq Offset	-7.8363687 GHz

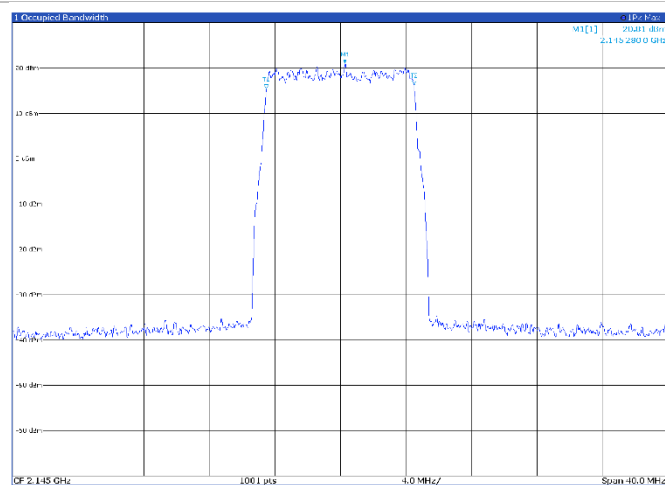
TM3p3, 10 MHz, low channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115559 GHz	20.69 dBm	Doc Bw	9.025143305 MHz
T1	1		2.110759 GHz	15.91 dBm	Doc Bw Centroid	2.117805415 GHz
T2	1		2.124998 GHz	15.07 dBm	Doc Bw Freq Offset	-13.5760377 GHz

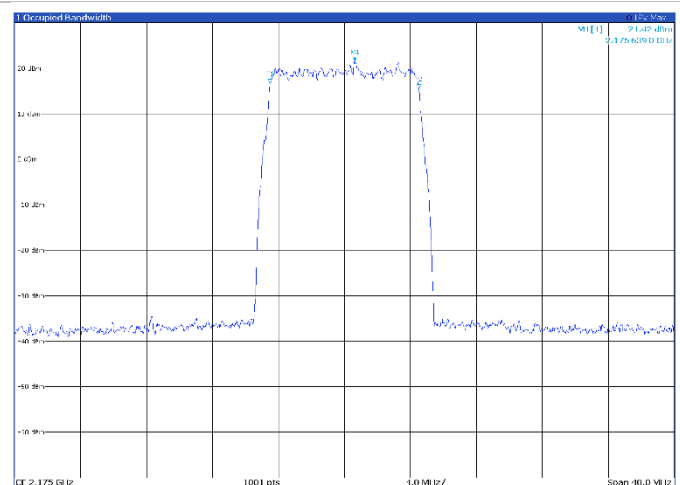
TM3p3, 10 MHz, mid channel



Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.14528 GHz	20.81 dBm	Doc Bw	9.015531008 MHz
T1	1		2.1404759 GHz	15.32 dBm	Doc Bw Centroid	2.144983594 GHz
T2	1		2.1494914 GHz	16.25 dBm	Doc Bw Freq Offset	-16.406351622 MHz

TM3p3, 10 MHz, high channel



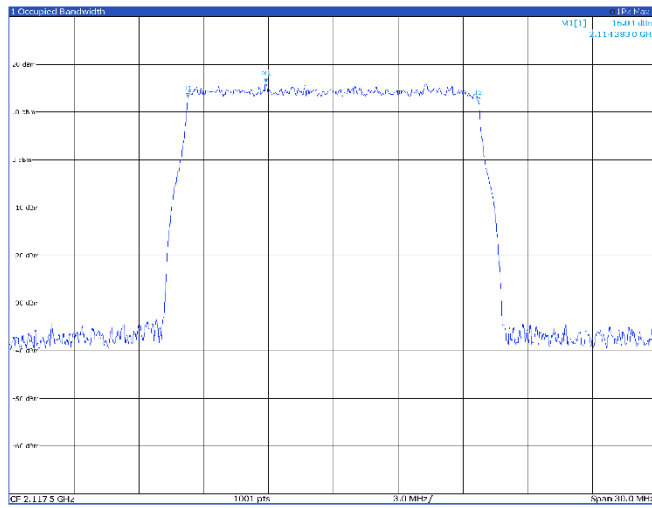
Page 1/2

Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.175639 GHz	21.42 dBm	Doc Bw	9.037193333 MHz
T1	1		2.1704079 GHz	16.65 dBm	Doc Bw Centroid	2.177889910 GHz
T2	1		2.1795043 GHz	15.45 dBm	Doc Bw Freq Offset	-14.700203755 MHz

Band B66

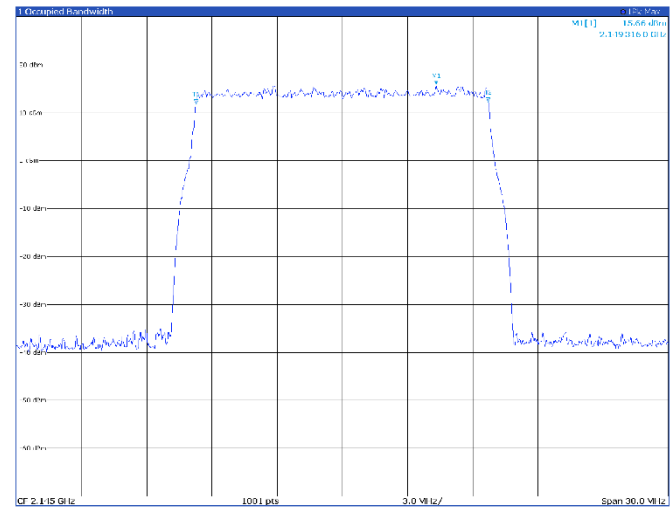
15 MHz

TM1.1, 15 MHz, low channel



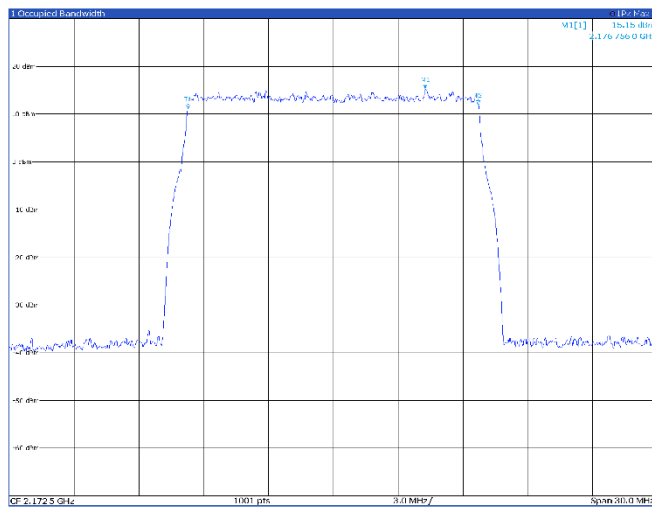
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.114383 GHz	16.04 dBm	Occupied Bandwidth	13.442608524 MHz
M2	1		2.112397 GHz	12.06 dBm	Occupied Bandwidth	13.442608524 MHz
M3	1		2.116369 GHz	12.06 dBm	Occupied Bandwidth	13.442608524 MHz

TM1.1, 15 MHz, mid channel



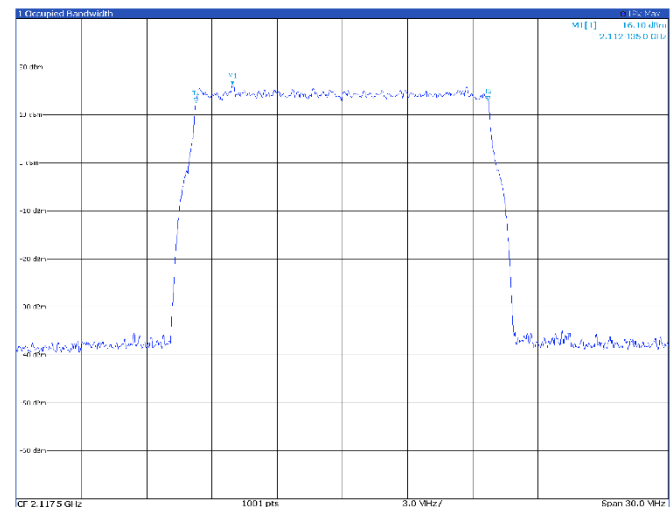
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.119316 GHz	15.66 dBm	Occupied Bandwidth	13.437801054 MHz
M2	1		2.117329 GHz	12.02 dBm	Occupied Bandwidth	13.437801054 MHz
M3	1		2.121293 GHz	12.02 dBm	Occupied Bandwidth	13.437801054 MHz

TM1.1, 15 MHz, high channel



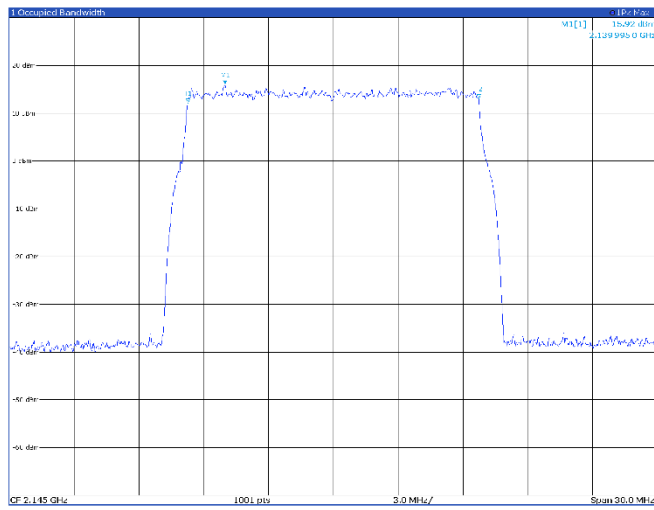
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.117675 GHz	15.15 dBm	Occupied Bandwidth	13.442608524 MHz
M2	1		2.115689 GHz	11.06 dBm	Occupied Bandwidth	13.442608524 MHz
M3	1		2.119651 GHz	11.06 dBm	Occupied Bandwidth	13.442608524 MHz

TM3p1, 15 MHz, low channel



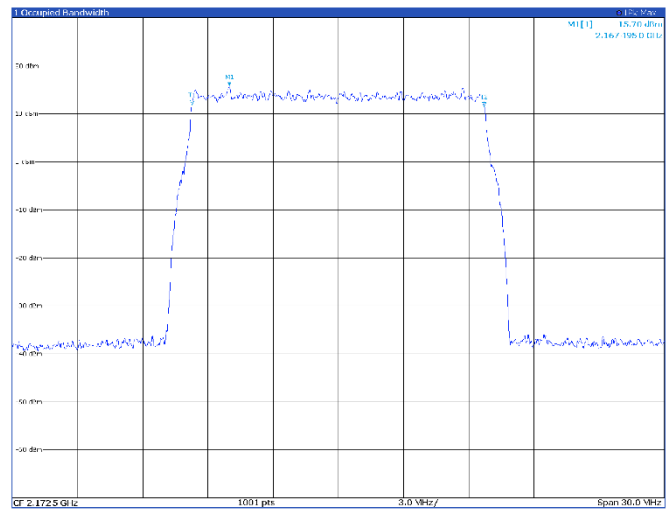
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112435 GHz	16.10 dBm	Occupied Bandwidth	13.456441928 MHz
M2	1		2.110449 GHz	12.02 dBm	Occupied Bandwidth	13.456441928 MHz
M3	1		2.114401 GHz	12.02 dBm	Occupied Bandwidth	13.456441928 MHz

TM3p1, 15 MHz, mid channel



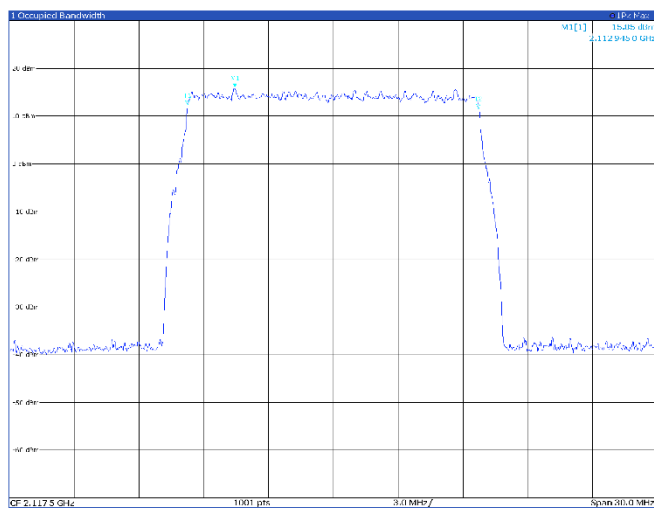
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.139 995 GHz	15.92 dBm	Cor. Sw		13.460 552 218 MHz
F1	1		2.139 995 GHz	12.17 dBm	Occ Sw	Occ Sw Channel	2.144 902 025 GHz
F2	1		2.139 995 GHz	12.17 dBm	Occ Sw	Occ Sw Channel	2.144 902 025 GHz

TM3p1, 15 MHz, high channel



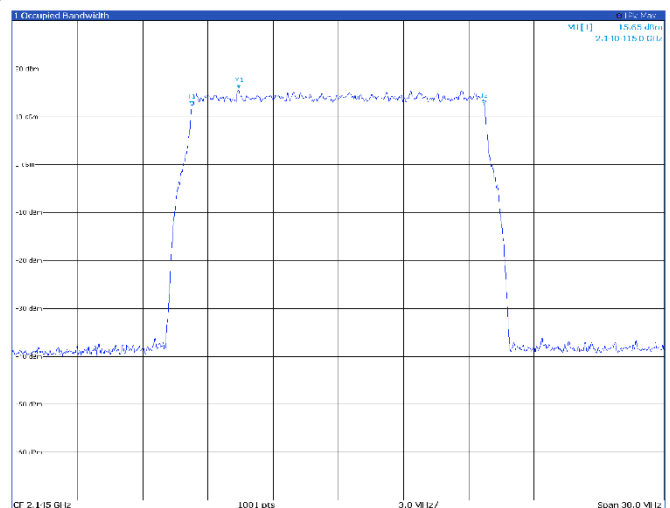
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.167 495 GHz	15.70 dBm	Cor. Sw		13.459 208 99 MHz
F1	1		2.167 495 GHz	11.91 dBm	Occ Sw	Occ Sw Channel	2.172 889 GHz
F2	1		2.167 495 GHz	11.91 dBm	Occ Sw	Occ Sw Channel	2.172 889 GHz

TM3p1a, 15 MHz, low channel



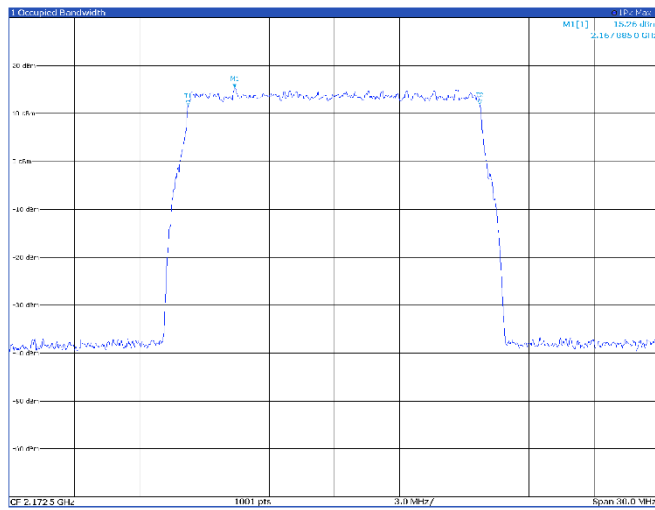
Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.112 945 GHz	15.85 dBm	Cor. Sw		13.465 431 345 MHz
F1	1		2.112 945 GHz	12.25 dBm	Occ Sw	Occ Sw Channel	2.117 945 GHz
F2	1		2.112 945 GHz	12.25 dBm	Occ Sw	Occ Sw Channel	2.117 945 GHz

TM3p1a, 15 MHz, mid channel

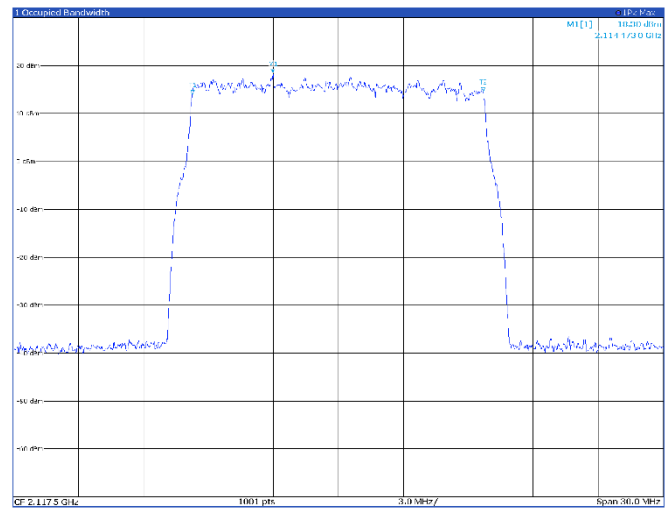


Type	Ref	Trc	X Value	Y Value	Cor. Sw	Function	Function Result
M1	1		2.140 415 GHz	15.65 dBm	Cor. Sw		13.462 860 43 MHz
F1	1		2.140 415 GHz	12.21 dBm	Occ Sw	Occ Sw Channel	2.144 801 953 GHz
F2	1		2.140 415 GHz	12.21 dBm	Occ Sw	Occ Sw Channel	2.144 801 953 GHz

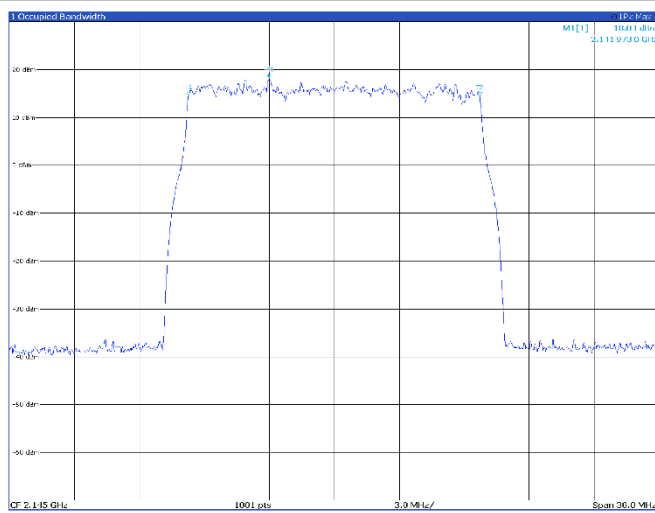
TM3p1a, 15 MHz, high channel



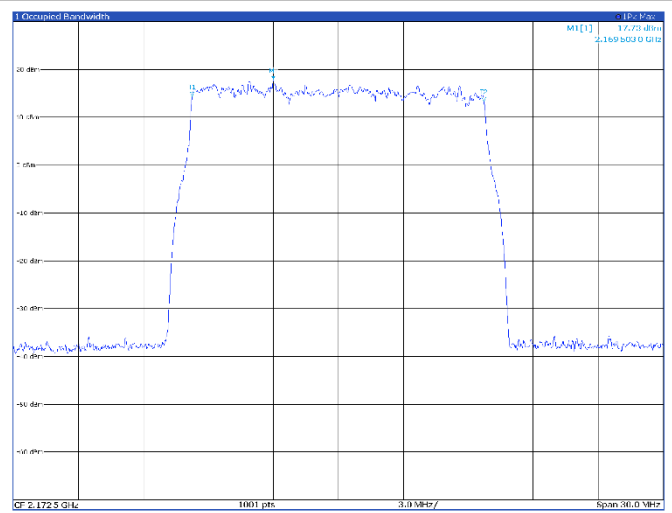
TM3p3, 15 MHz, low channel



TM3p3, 15 MHz, mid channel



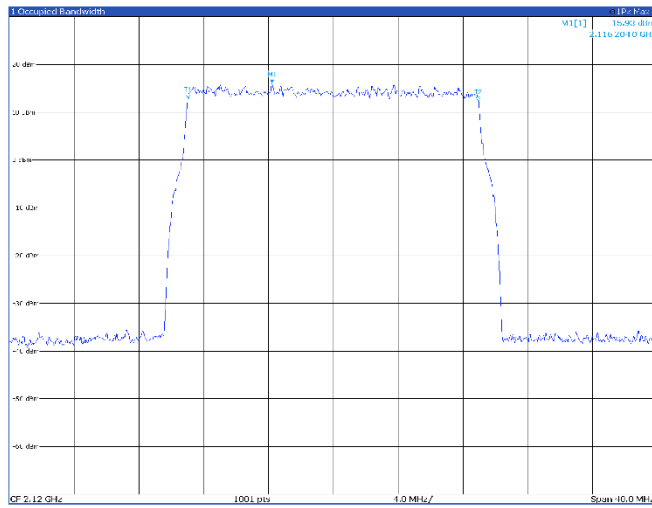
TM3p3, 15 MHz, high channel



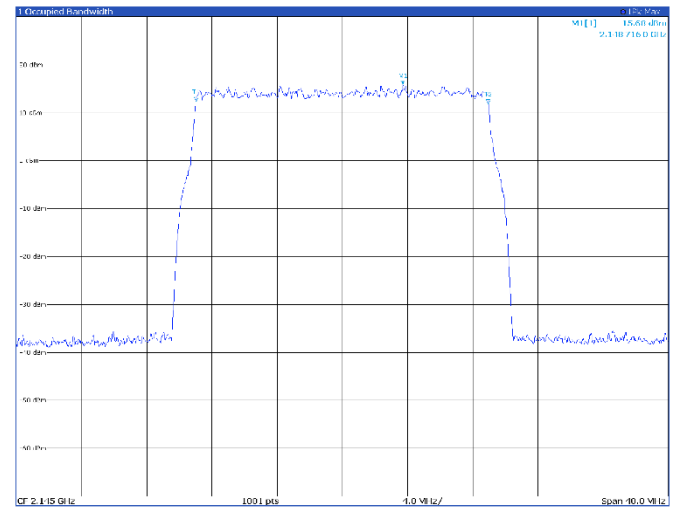
Band B66

20 MHz

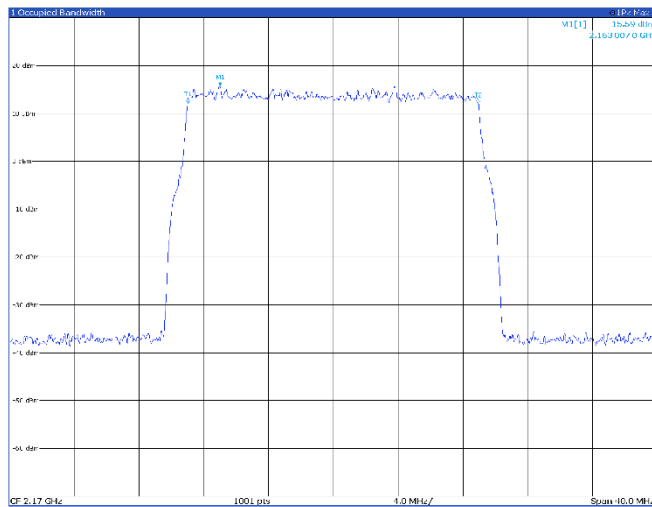
TM1.1, 20 MHz, low channel



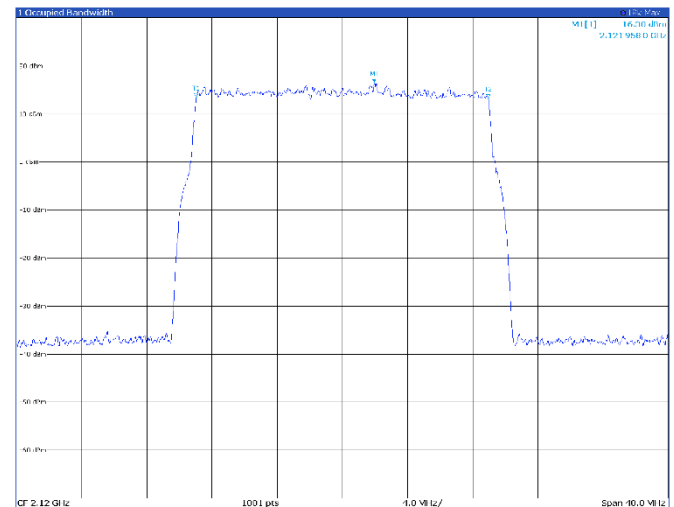
TM1.1, 20 MHz, mid channel

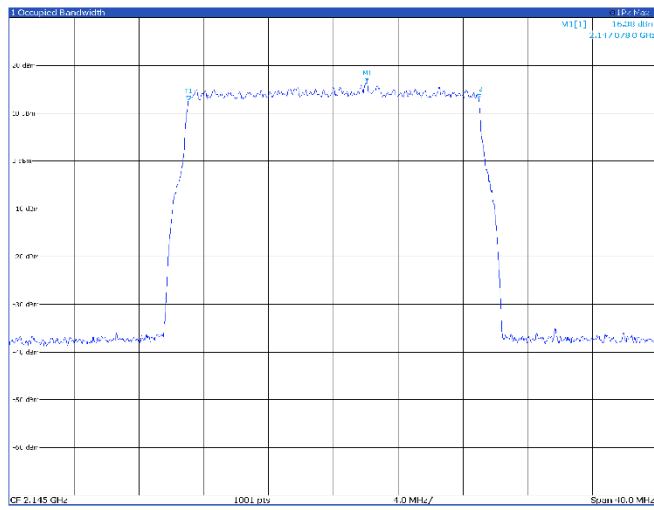


TM1.1, 20 MHz, high channel

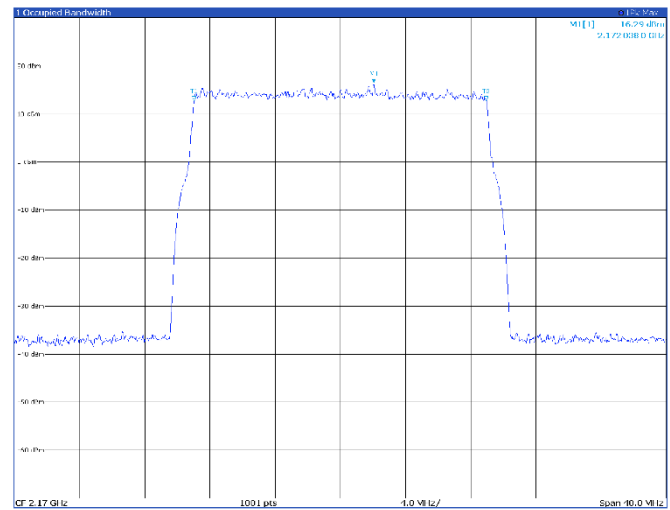


TM3p1, 20 MHz, low channel

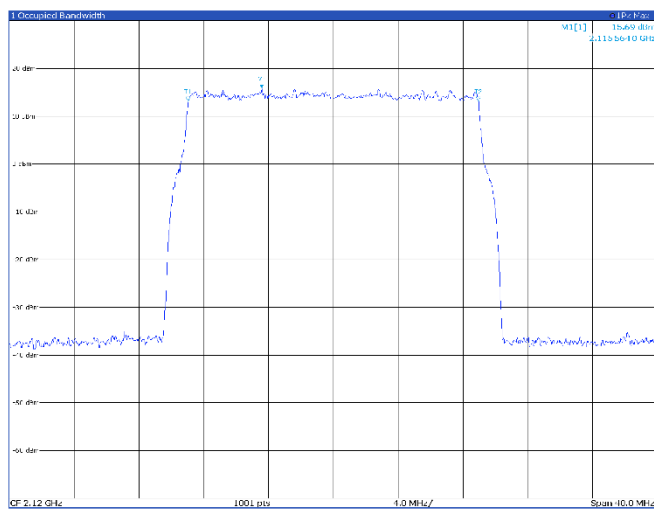


TM3p1, 20 MHz, mid channel


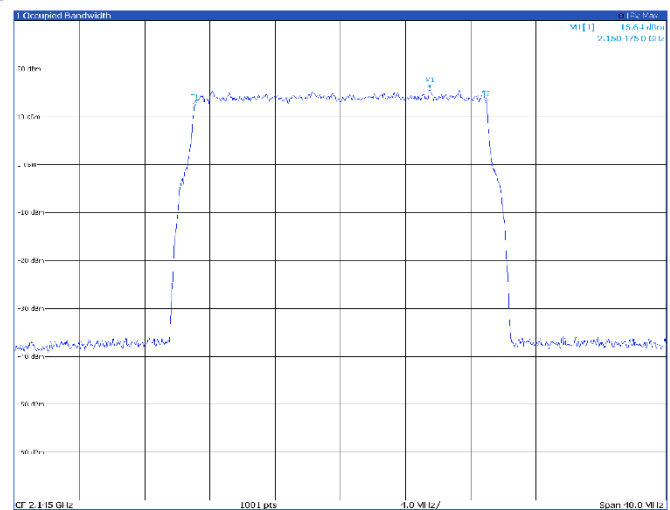
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147 078 GHz	16.38 dBm	Occ Sw	17.922 235 13 MHz
M1	1		2.145 000 GHz	16.38 dBm	Occ Sw Channel	2.145 000 GHz
M1	1		2.145 000 GHz	16.38 dBm	Occ Sw Channel	2.145 000 GHz

TM3p1, 20 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.172 038 GHz	16.29 dBm	Occ Sw	17.926 996 943 MHz
M1	1		2.171 000 GHz	16.29 dBm	Occ Sw Channel	2.171 000 GHz
M1	1		2.171 000 GHz	16.29 dBm	Occ Sw Channel	2.171 000 GHz

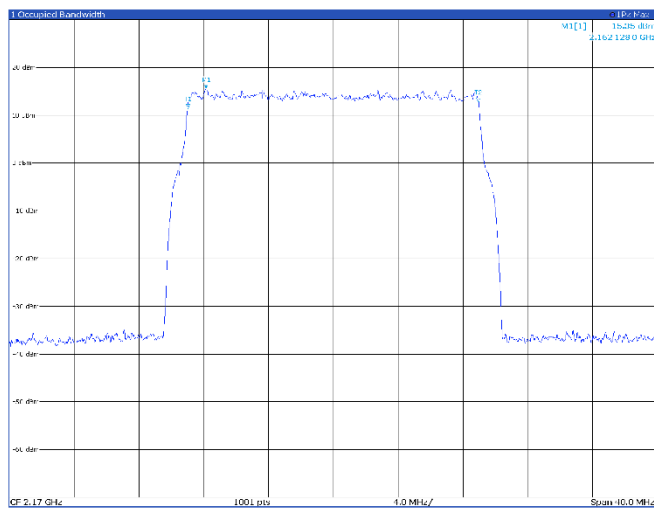
TM3p1a, 20 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.113 564 GHz	15.69 dBm	Occ Sw	17.917 724 907 MHz
M1	1		2.111 000 GHz	15.69 dBm	Occ Sw Channel	2.111 000 GHz
M1	1		2.111 000 GHz	15.69 dBm	Occ Sw Channel	2.111 000 GHz

TM3p1a, 20 MHz, mid channel


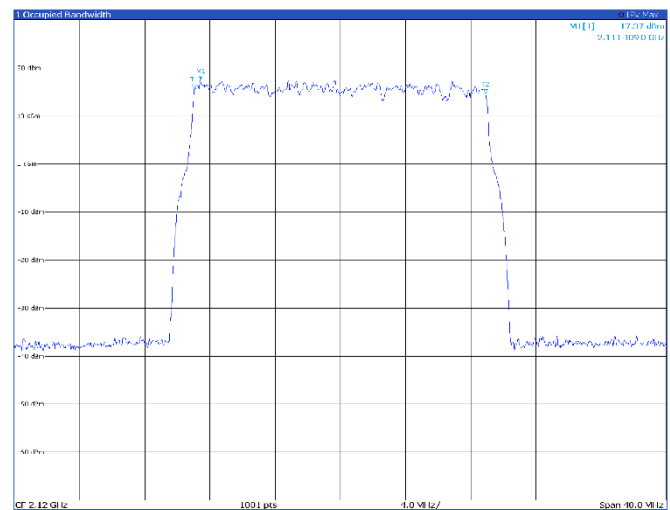
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115 475 GHz	15.64 dBm	Occ Sw	17.914 452 119 MHz
M1	1		2.115 000 GHz	15.64 dBm	Occ Sw Channel	2.115 000 GHz
M1	1		2.115 000 GHz	15.64 dBm	Occ Sw Channel	2.115 000 GHz

TM3p1a, 20 MHz, high channel



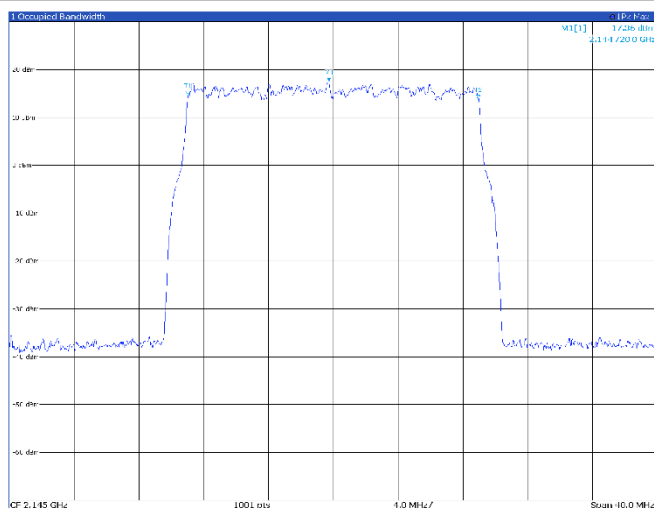
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.162128 GHz	15.35 dBm	Occ 5w	17.932514874 MHz
M2	1		2.1610237 GHz	11.44 dBm	Occ 5w Channel 1	2.119978081 GHz
M3	1		2.1633367 GHz	12.76 dBm	Occ 5w Channel 2	2.161109611 GHz

TM3p3, 20 MHz, low channel



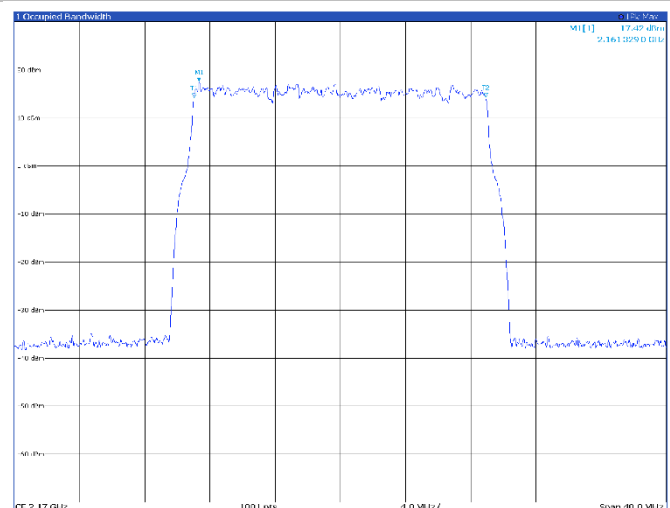
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.111409 GHz	17.37 dBm	Occ 5w	17.896366457 MHz
M2	1		2.1110007 GHz	15.62 dBm	Occ 5w Channel 1	2.119978081 GHz
M3	1		2.1118197 GHz	14.47 dBm	Occ 5w Channel 2	2.161109611 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.14472 GHz	17.36 dBm	Occ 5w	17.905849674 MHz
M2	1		2.1430293 GHz	14.61 dBm	Occ 5w Channel 1	2.119978081 GHz
M3	1		2.1464332 GHz	15.76 dBm	Occ 5w Channel 2	2.161109611 GHz

TM3p3, 20 MHz, high channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.161329 GHz	17.42 dBm	Occ 5w	17.908101494 MHz
M2	1		2.1610007 GHz	14.12 dBm	Occ 5w Channel 1	2.119978081 GHz
M3	1		2.1616567 GHz	14.21 dBm	Occ 5w Channel 2	2.161109611 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	September 2, 2024	Temperature	22 °C
Test end date	October 4, 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 B66: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM1.1	2112.5	5.08
B66	5 MHz	TM1.1	2145.0	5.09
B66	5 MHz	TM1.1	2177.5	5.09
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p1	2112.5	5.08
B66	5 MHz	TM3p1	2145.0	5.09
B66	5 MHz	TM3p1	2177.5	5.09
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p1a	2112.5	5.04
B66	5 MHz	TM3p1a	2145.0	5.04
B66	5 MHz	TM3p1a	2177.5	5.03
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p3	2112.5	5.08
B66	5 MHz	TM3p3	2145.0	5.03
B66	5 MHz	TM3p3	2177.5	5.08
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM1.1	2115.0	10.23
B66	10 MHz	TM1.1	2145.0	10.15
B66	10 MHz	TM1.1	2175.0	10.11
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p1	2115.0	10.15
B66	10 MHz	TM3p1	2145.0	10.15
B66	10 MHz	TM3p1	2175.0	10.07
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p1a	2115.0	10.11
B66	10 MHz	TM3p1a	2145.0	10.19
B66	10 MHz	TM3p1a	2175.0	10.15
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p3	2115.0	10.11
B66	10 MHz	TM3p3	2145.0	10.11
B66	10 MHz	TM3p3	2175.0	10.11

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM1.1	2117.5	14.93
B66	15 MHz	TM1.1	2145.0	14.93
B66	15 MHz	TM1.1	2172.5	14.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p1	2117.5	15.02
B66	15 MHz	TM3p1	2145.0	15.02
B66	15 MHz	TM3p1	2172.5	15.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p1a	2117.5	14.96
B66	15 MHz	TM3p1a	2145.0	15.02
B66	15 MHz	TM3p1a	2172.5	15.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p3	2117.5	14.87
B66	15 MHz	TM3p3	2145.0	14.87
B66	15 MHz	TM3p3	2172.5	14.80
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM1.1	2120.0	19.94
B66	20 MHz	TM1.1	2145.0	19.90
B66	20 MHz	TM1.1	2170.0	19.94
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p1	2120.0	19.82
B66	20 MHz	TM3p1	2145.0	19.82
B66	20 MHz	TM3p1	2170.0	19.82
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p1a	2120.0	20.02
B66	20 MHz	TM3p1a	2145.0	20.06
B66	20 MHz	TM3p1a	2170.0	20.06
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p3	2120.0	19.86
B66	20 MHz	TM3p3	2145.0	19.90
B66	20 MHz	TM3p3	2170.0	19.82

Band B66: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM1.1	2112.5	5.08
B66	5 MHz	TM1.1	2145.0	5.08
B66	5 MHz	TM1.1	2177.5	5.09

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p1	2112.5	5.09
B66	5 MHz	TM3p1	2145.0	5.11
B66	5 MHz	TM3p1	2177.5	5.11

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p1a	2112.5	5.03
B66	5 MHz	TM3p1a	2145.0	5.04
B66	5 MHz	TM3p1a	2177.5	5.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	5 MHz	TM3p3	2112.5	5.04
B66	5 MHz	TM3p3	2145.0	5.08
B66	5 MHz	TM3p3	2177.5	5.11

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM1.1	2115.0	10.15
B66	10 MHz	TM1.1	2145.0	10.19
B66	10 MHz	TM1.1	2175.0	10.07

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p1	2115.0	10.11
B66	10 MHz	TM3p1	2145.0	10.15
B66	10 MHz	TM3p1	2175.0	10.15

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p1a	2115.0	10.03
B66	10 MHz	TM3p1a	2145.0	10.15
B66	10 MHz	TM3p1a	2175.0	10.11

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	10 MHz	TM3p3	2115.0	10.07
B66	10 MHz	TM3p3	2145.0	10.07
B66	10 MHz	TM3p3	2175.0	10.11

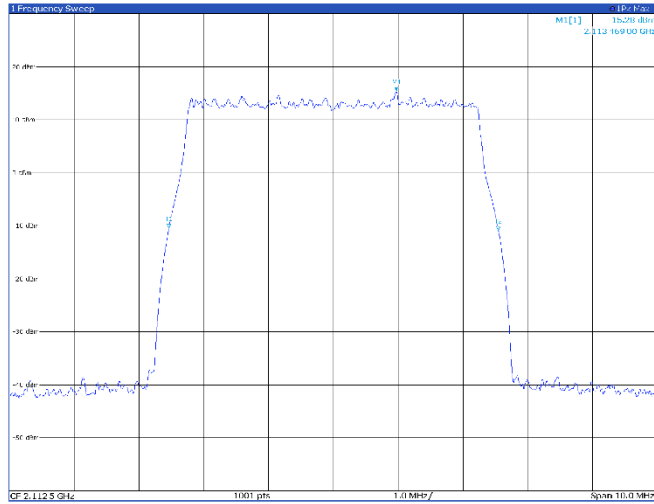
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM1.1	2117.5	14.93
B66	15 MHz	TM1.1	2145.0	14.96
B66	15 MHz	TM1.1	2172.5	14.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p1	2117.5	14.98
B66	15 MHz	TM3p1	2145.0	14.98
B66	15 MHz	TM3p1	2172.5	14.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p1a	2117.5	15.02
B66	15 MHz	TM3p1a	2145.0	15.04
B66	15 MHz	TM3p1a	2172.5	15.04
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	15 MHz	TM3p3	2117.5	14.84
B66	15 MHz	TM3p3	2145.0	14.87
B66	15 MHz	TM3p3	2172.5	14.87
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM1.1	2120.0	19.94
B66	20 MHz	TM1.1	2145.0	19.94
B66	20 MHz	TM1.1	2170.0	19.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p1	2120.0	19.86
B66	20 MHz	TM3p1	2145.0	19.82
B66	20 MHz	TM3p1	2170.0	19.86
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p1a	2120.0	20.02
B66	20 MHz	TM3p1a	2145.0	20.06
B66	20 MHz	TM3p1a	2170.0	20.06
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B66	20 MHz	TM3p3	2120.0	19.90
B66	20 MHz	TM3p3	2145.0	19.86
B66	20 MHz	TM3p3	2170.0	19.82

Antenna port 1

Band B66

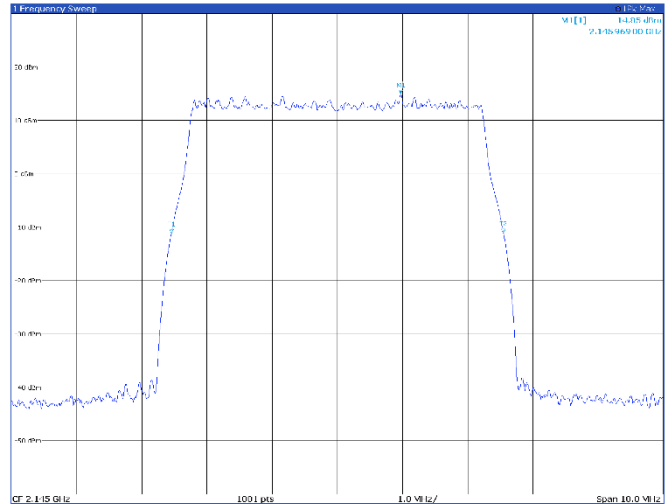
5 MHz

TM1.1, 5 MHz, low channel



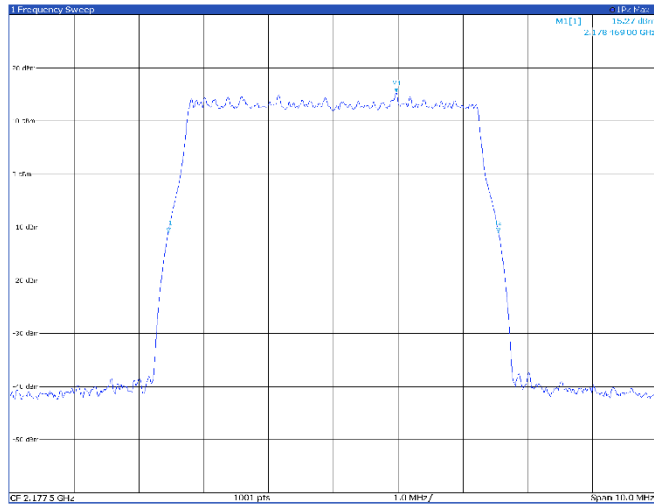
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.113469 GHz	15.28 dBm	nB	ncB down BW	5.08 MHz
T1	1		2.1125 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz
T2	1		2.1175 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz

TM1.1, 5 MHz, mid channel



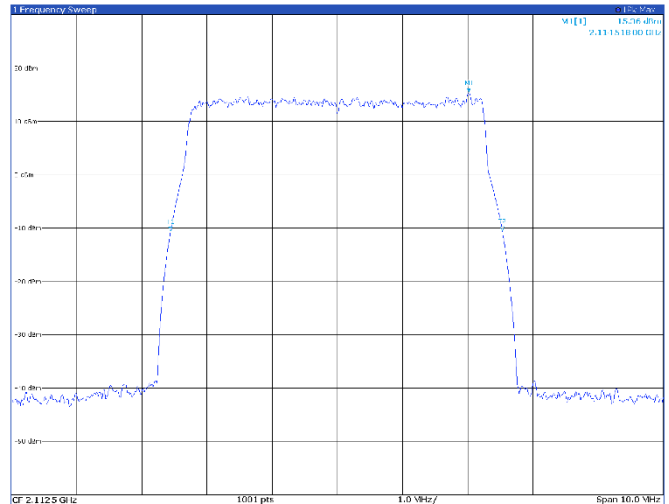
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.114969 GHz	14.85 dBm	nB	ncB down BW	5.09 MHz
T1	1		2.1125 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz
T2	1		2.1175 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz

TM1.1, 5 MHz, high channel



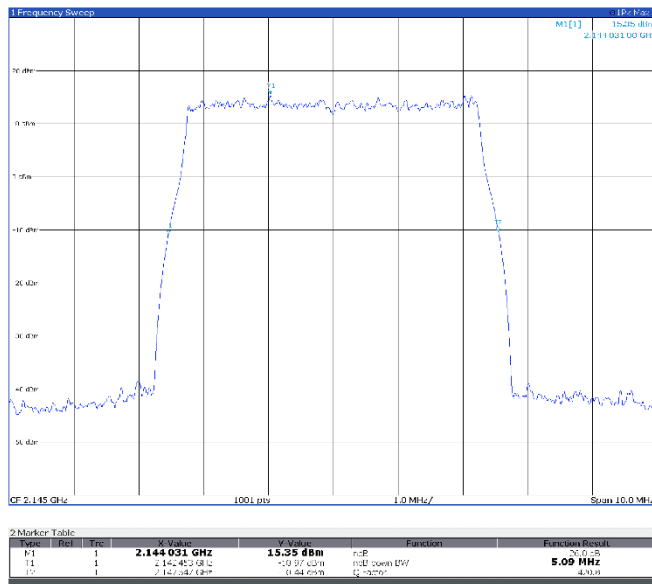
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.114969 GHz	15.27 dBm	nB	ncB down BW	5.09 MHz
T1	1		2.1125 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz
T2	1		2.1175 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz

TM3p1, 5 MHz, low channel

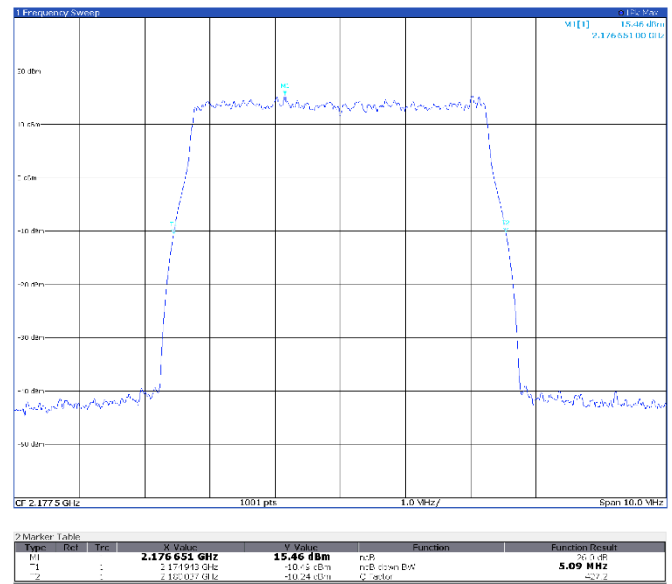


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.114918 GHz	15.36 dBm	nB	ncB down BW	5.08 MHz
T1	1		2.1125 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz
T2	1		2.1175 GHz	-10.00 dBm	nB	ncB down BW	4.00 MHz

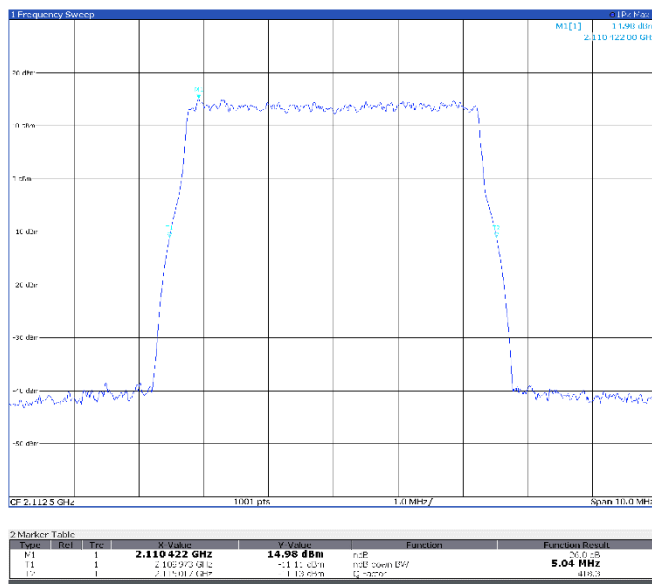
TM3p1, 5 MHz, mid channel



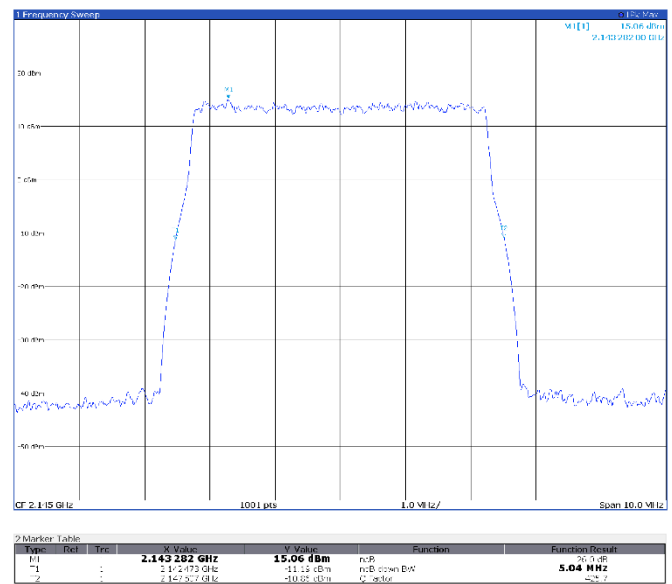
TM3p1, 5 MHz, high channel

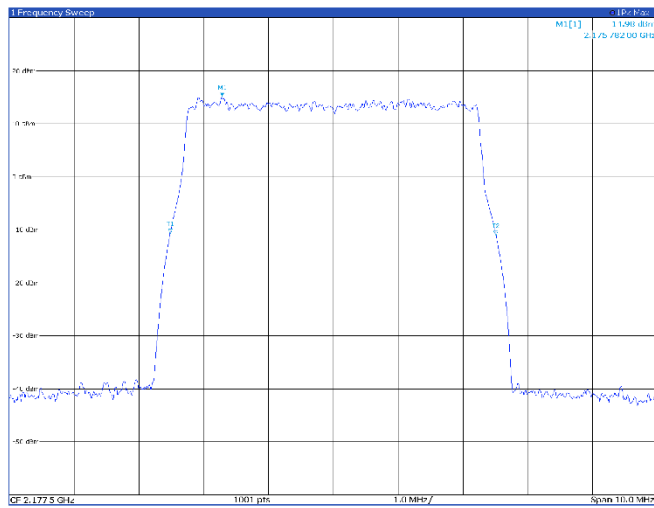
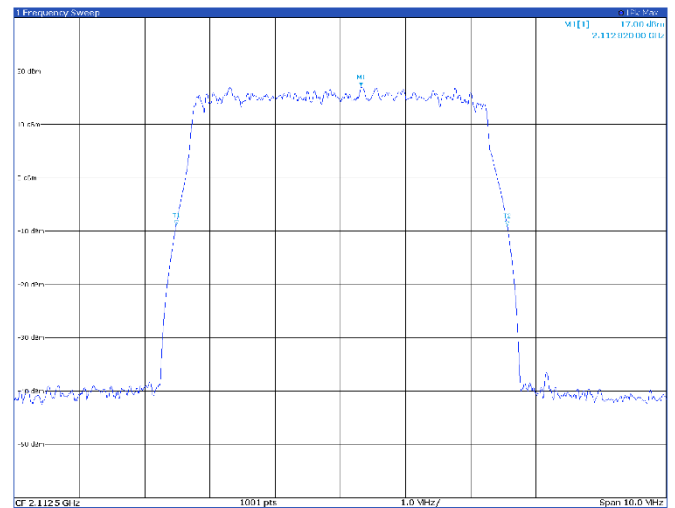
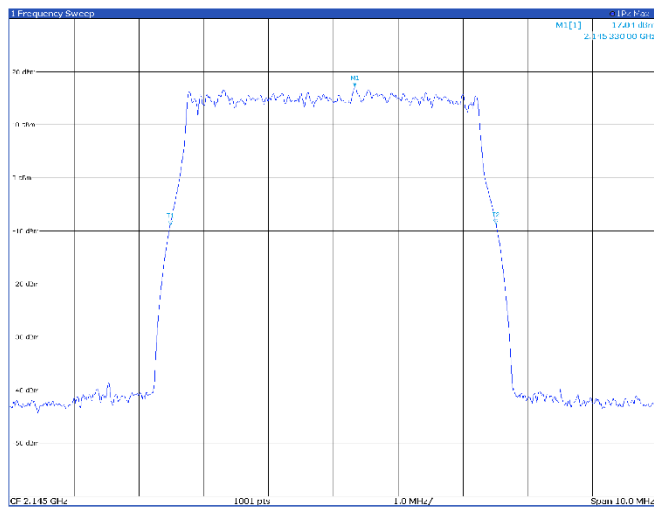
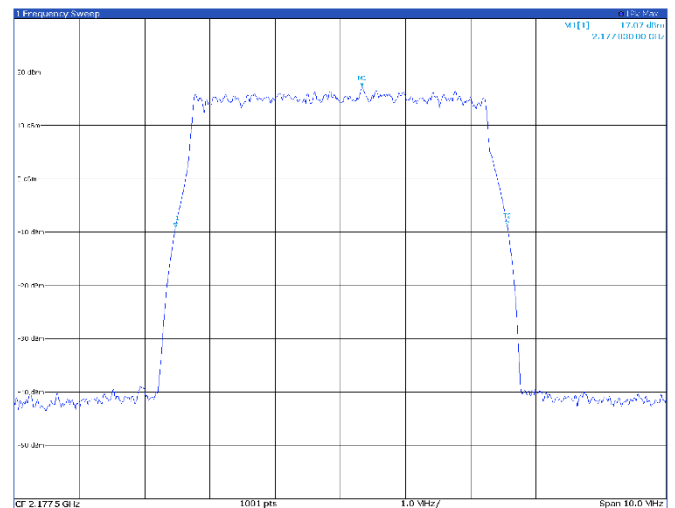


TM3p1a, 5 MHz, low channel



TM3p1a, 5 MHz, mid channel

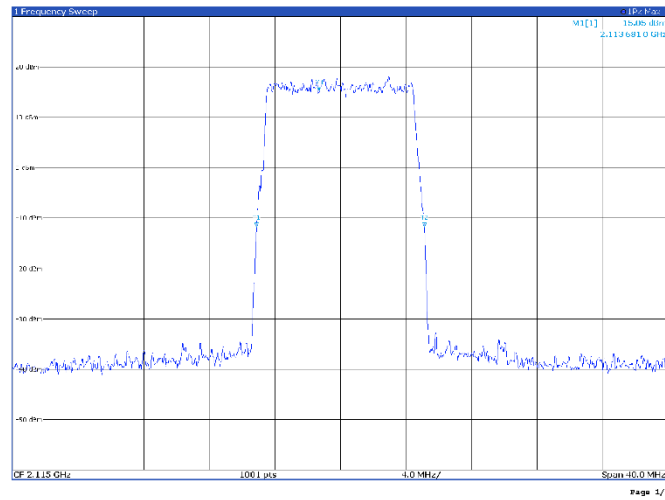


TM3p1a, 5 MHz, high channel

TM3p3, 5 MHz, low channel

TM3p3, 5 MHz, mid channel

TM3p3, 5 MHz, high channel


Band B66

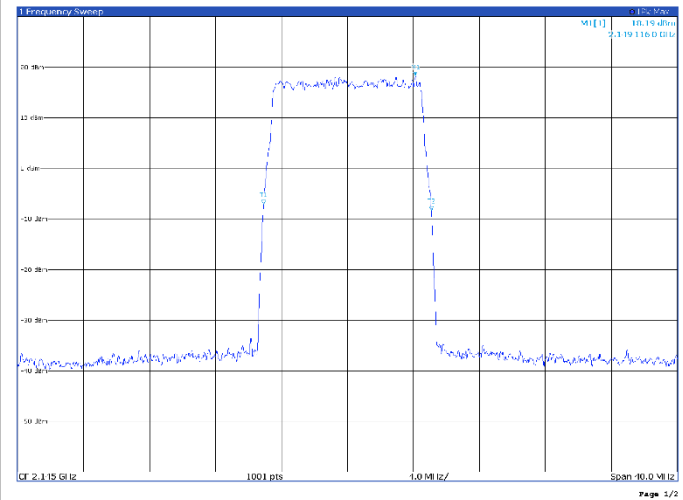
10 MHz

TM1.1, 10 MHz, low channel



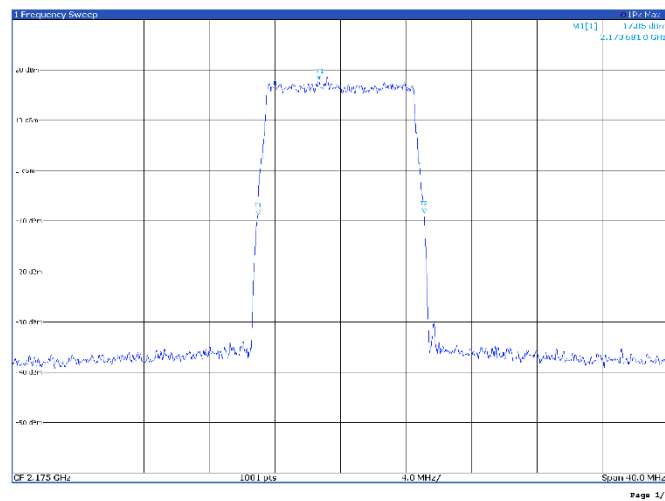
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F	1	1	2.113681 GHz	15.05 dBm	dBm	15.05 dBm
T	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz
F	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz

TM1.1, 10 MHz, mid channel



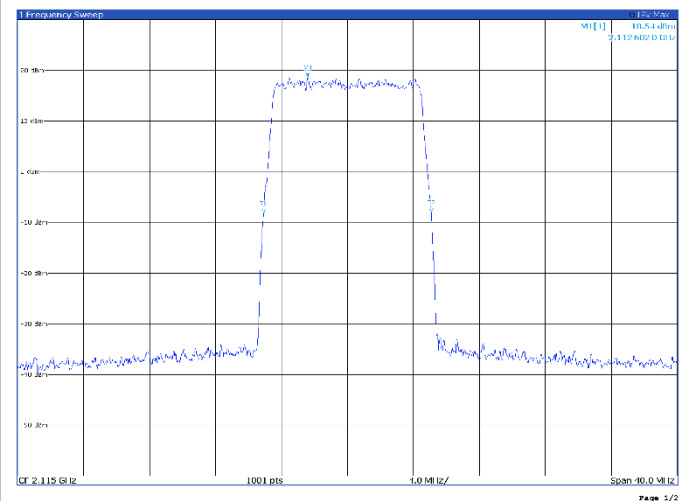
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F	1	1	2.113681 GHz	15.05 dBm	dBm	15.05 dBm
T	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz
F	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz

TM1.1, 10 MHz, high channel



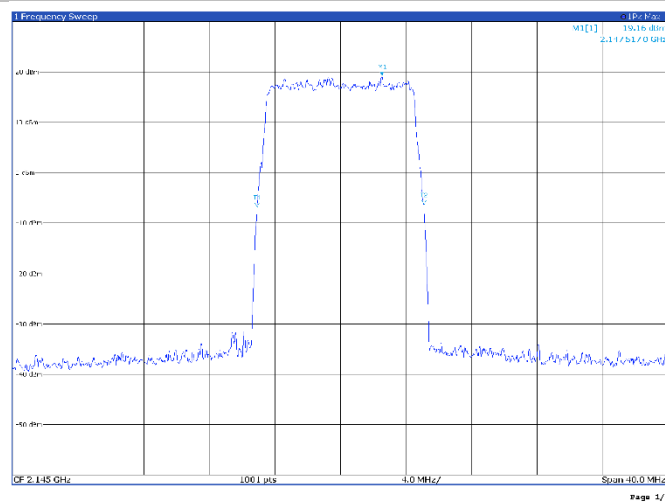
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F	1	1	2.113681 GHz	15.05 dBm	dBm	15.05 dBm
T	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz
F	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz

TM3p1, 10 MHz, low channel



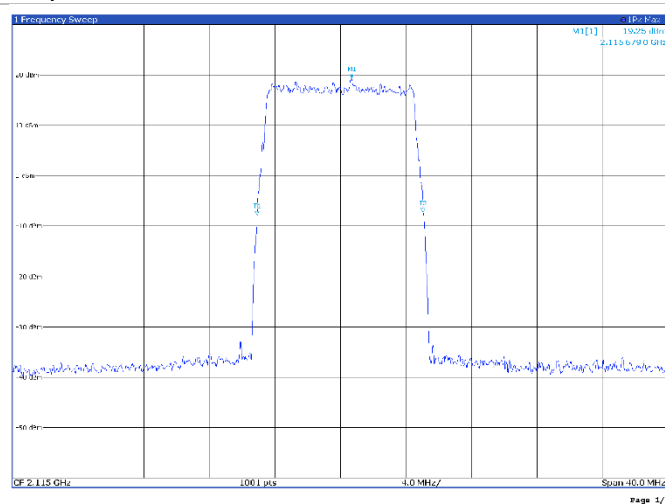
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F	1	1	2.113681 GHz	15.05 dBm	dBm	15.05 dBm
T	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz
F	1	1	2.113681 GHz	-11.94 dBm	dB down BW	10.23 MHz

TM3p1, 10 MHz, mid channel



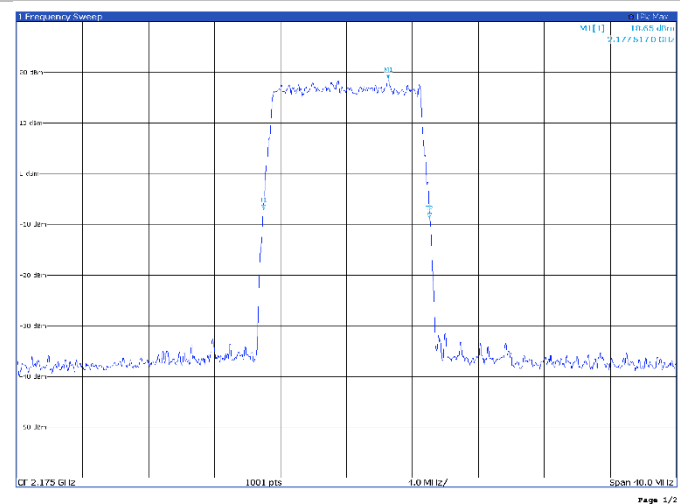
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.147517 GHz	19.16 dBm		20.0 dB
T1	1		2.147517 GHz	-9.00 dBm	-dB down BW	10.15 MHz
T2	1		2.147517 GHz	-9.00 dBm	-dB down BW	210.0

TM3p1a, 10 MHz, low channel



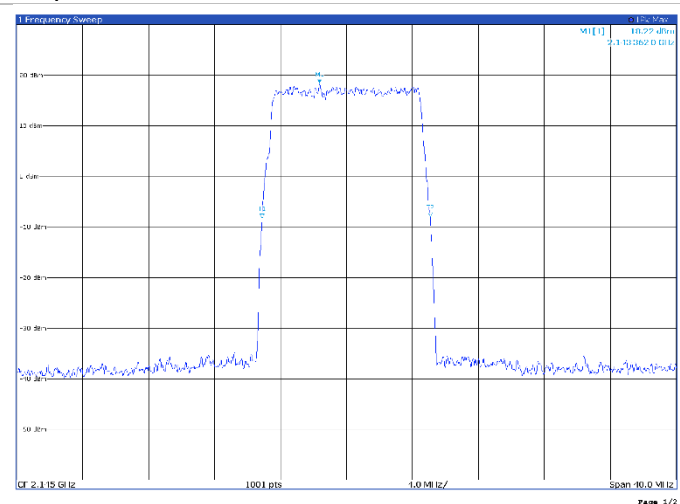
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.115579 GHz	19.25 dBm		20.0 dB
T1	1		2.115579 GHz	-9.30 dBm	-dB down BW	10.11 MHz
T2	1		2.115579 GHz	-9.30 dBm	-dB down BW	210.0

TM3p1, 10 MHz, high channel



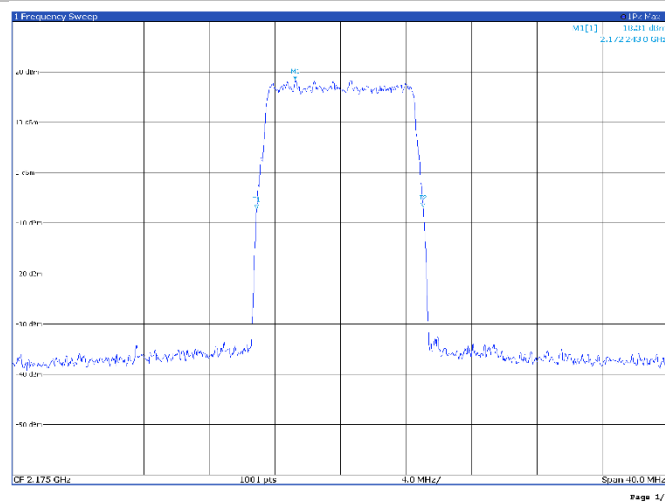
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.177517 GHz	18.65 dBm		20.0 dB
T1	1		2.177517 GHz	-9.00 dBm	-dB down BW	10.07 MHz
T2	1		2.177517 GHz	-9.00 dBm	-dB down BW	210.0

TM3p1a, 10 MHz, mid channel

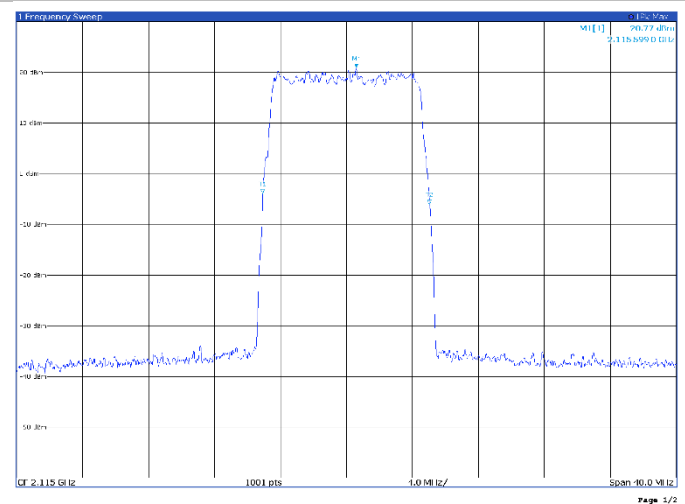


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.143362 GHz	18.22 dBm		20.0 dB
T1	1		2.143362 GHz	-9.20 dBm	-dB down BW	10.19 MHz
T2	1		2.143362 GHz	-9.20 dBm	-dB down BW	210.0

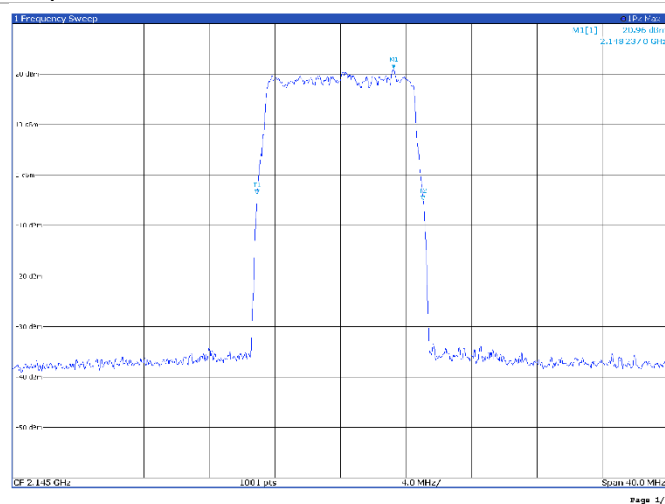
TM3p1a, 10 MHz, high channel



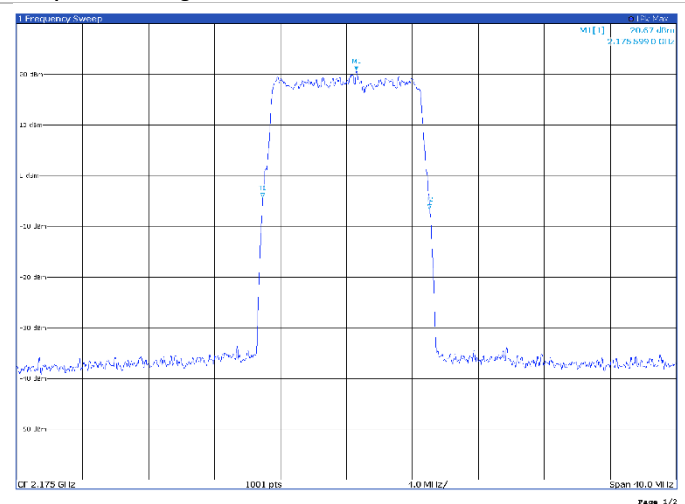
TM3p3, 10 MHz, low channel



TM3p3, 10 MHz, mid channel



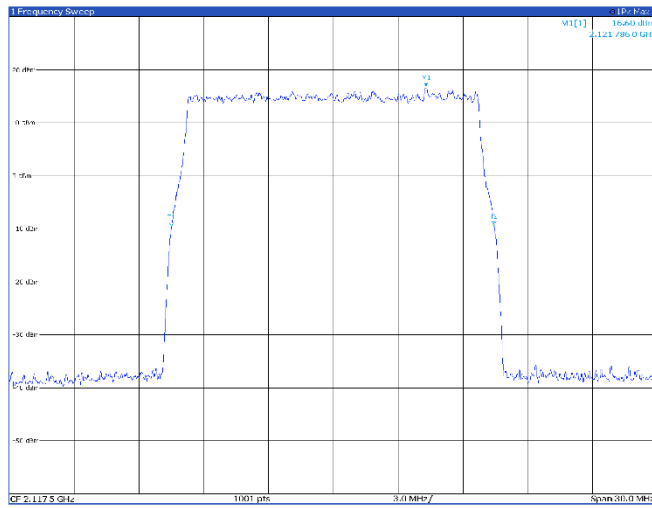
TM3p3, 10 MHz, high channel



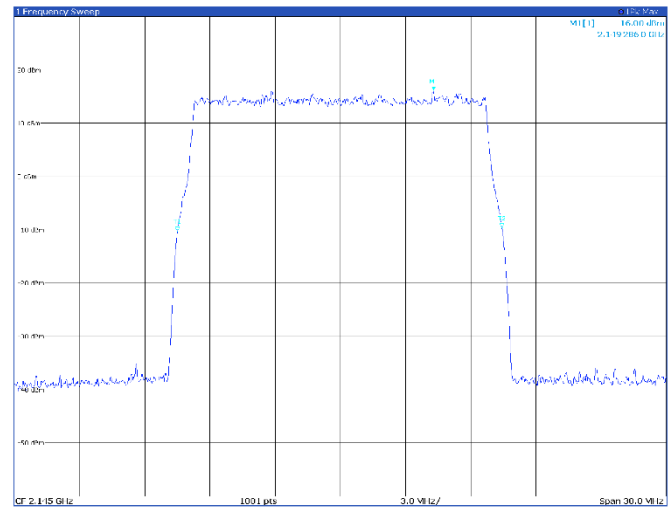
Band B66

15 MHz

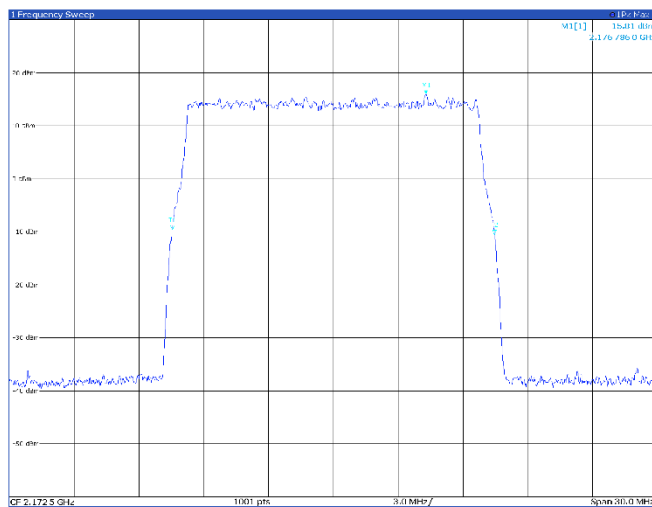
TM1.1, 15 MHz, low channel



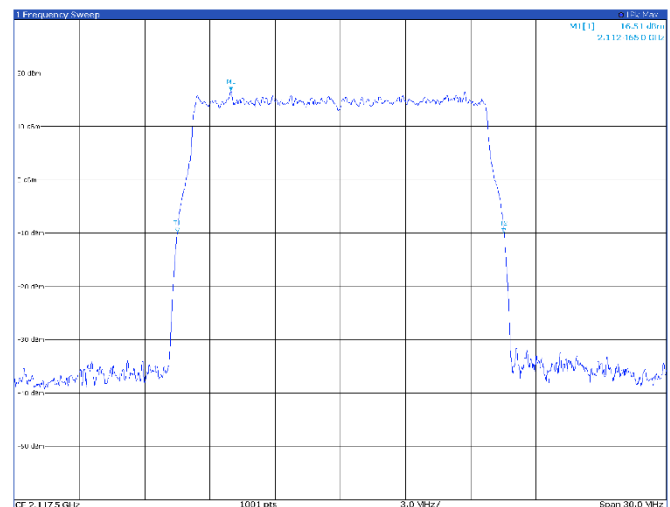
TM1.1, 15 MHz, mid channel



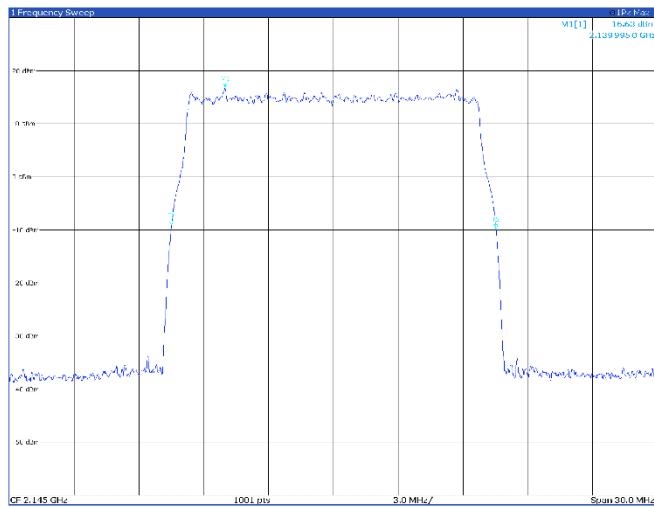
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

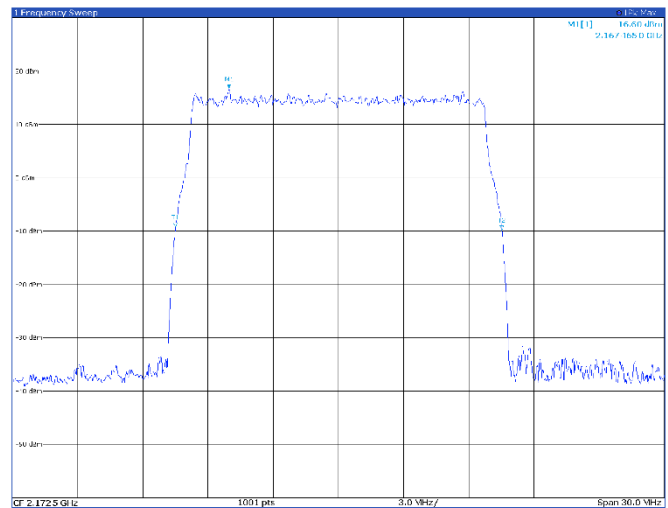


TM3p1, 15 MHz, mid channel



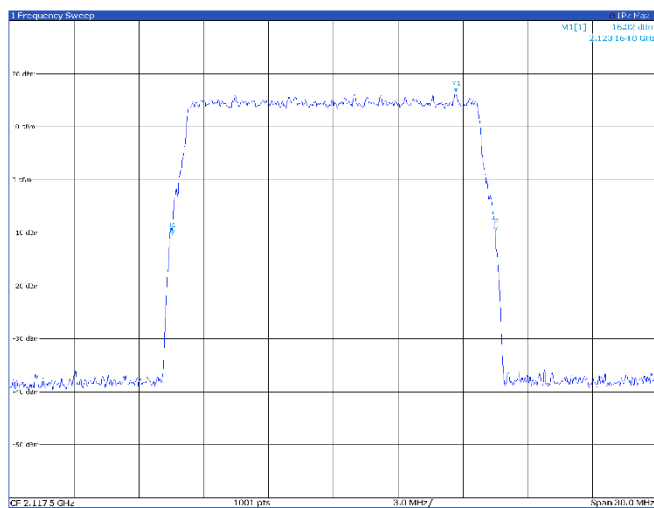
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	2.139 995 GHz	16.63 dBm	nB	20.0 dB
F1	-	1	2.147 507 GHz	-9.15 dBm	nB down BW	15.02 MHz
F2	-	1	2.155 012 GHz	-9.63 dBm	Q -dbr	14.5

TM3p1, 15 MHz, high channel



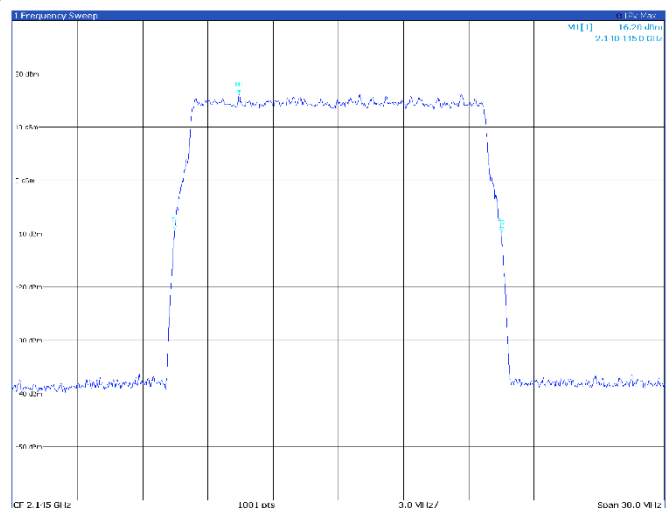
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	2.167 465 GHz	16.60 dBm	nB	20.0 dB
F1	-	1	2.165 017 GHz	-9.22 dBm	nB down BW	15.02 MHz
F2	-	1	2.172 507 GHz	-9.63 dBm	Q -dbr	14.5

TM3p1a, 15 MHz, low channel



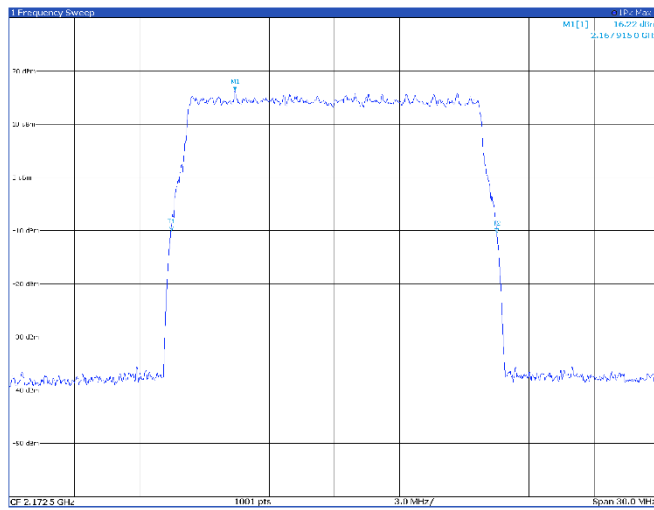
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	2.123 164 GHz	16.32 dBm	nB	20.0 dB
F1	-	1	2.121 007 GHz	-9.03 dBm	nB down BW	14.96 MHz
F2	-	1	2.124 453 GHz	-9.63 dBm	Q -dbr	14.5

TM3p1a, 15 MHz, mid channel



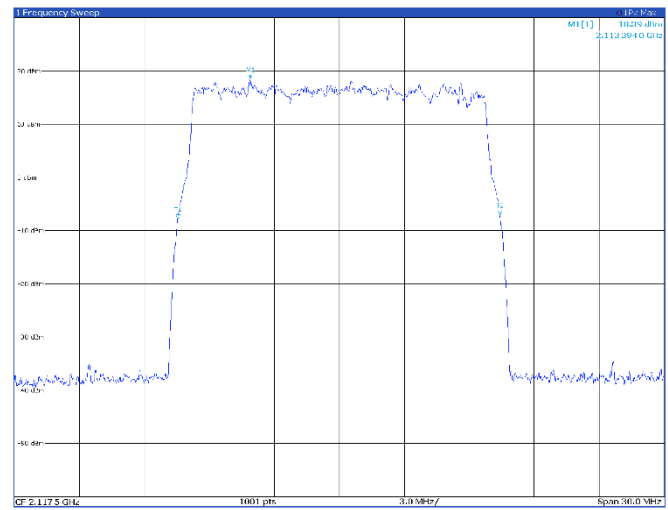
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	2.140 445 GHz	16.20 dBm	nB	20.0 dB
F1	-	1	2.137 070 GHz	-9.15 dBm	nB down BW	15.02 MHz
F2	-	1	2.135 453 GHz	-9.63 dBm	Q -dbr	14.5

TM3p1a, 15 MHz, high channel



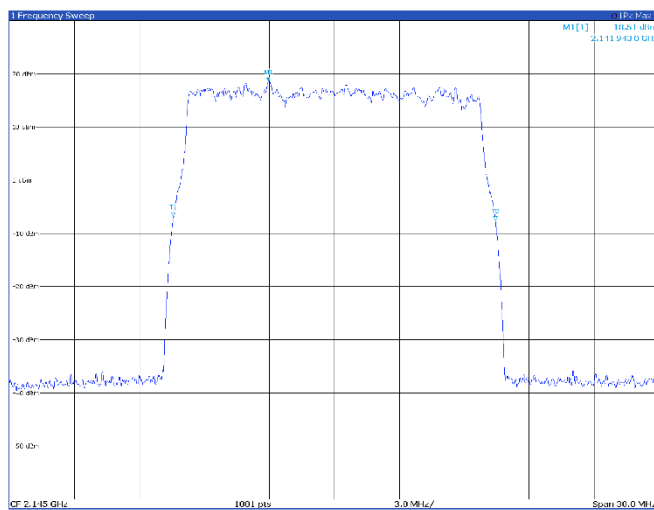
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1	1	2.167915 GHz	16.22 dBm	n/B	20.0 dB	15.02 MHz
M2	1	1	2.167915 GHz	-0.07 dBm	n/B	20.0 dB	14.4 dB

TM3p3, 15 MHz, low channel



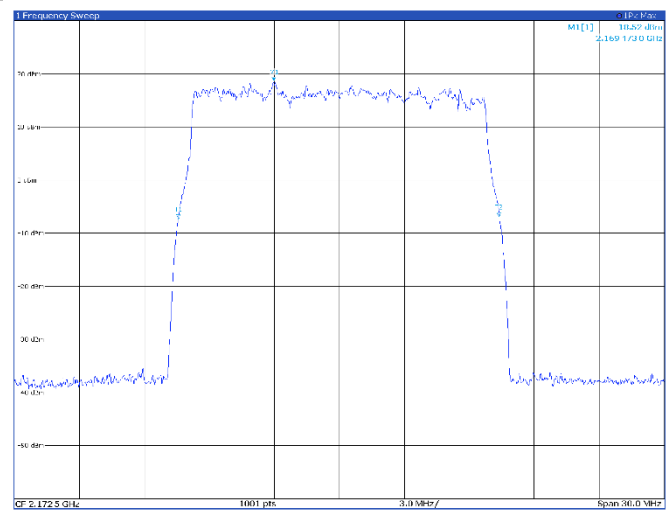
Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1	1	2.113394 GHz	18.39 dBm	n/B	20.0 dB	14.87 MHz
M2	1	1	2.113394 GHz	-7.00 dBm	n/B	20.0 dB	14.4 dB

TM3p3, 15 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1	1	2.141943 GHz	18.51 dBm	n/B	20.0 dB	14.87 MHz
M2	1	1	2.141943 GHz	-7.00 dBm	n/B	20.0 dB	14.4 dB

TM3p3, 15 MHz, high channel

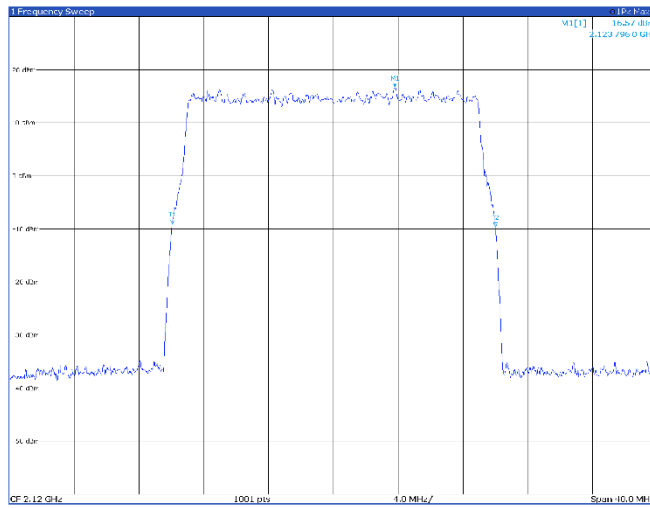


Type	Ref	Trc	X Value	Y Value	n/B	Function	Function Result
M1	1	1	2.169473 GHz	18.52 dBm	n/B	20.0 dB	14.80 MHz
M2	1	1	2.169473 GHz	-7.00 dBm	n/B	20.0 dB	14.4 dB

Band B66

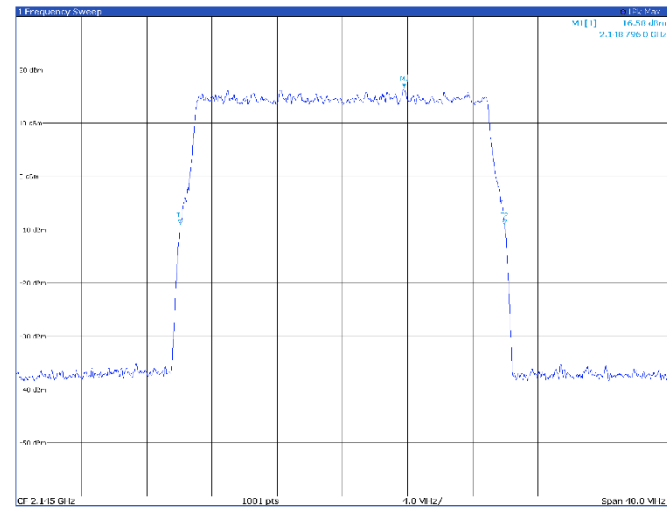
20 MHz

TM1.1, 20 MHz, low channel



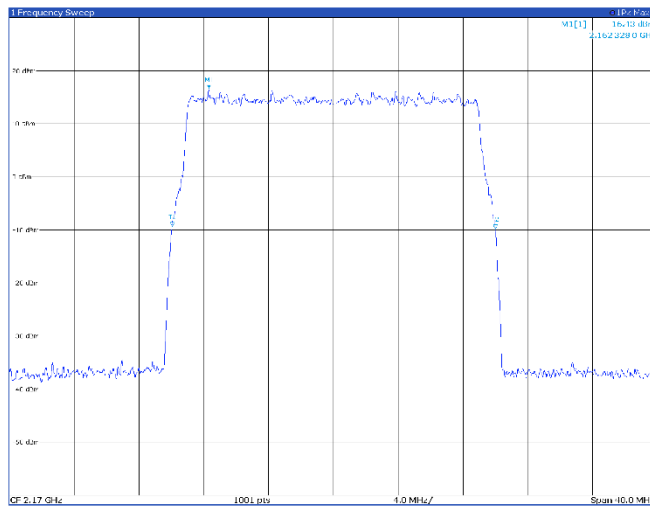
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112 796 GHz	16.57 dBm	nB	20.0 dB
T1	1		2.112 796 GHz	-9.42 dBm	nB down BW	19.94 MHz
T2	1		2.112 796 GHz	-9.42 dBm	nB down	19.94 MHz

TM1.1, 20 MHz, mid channel



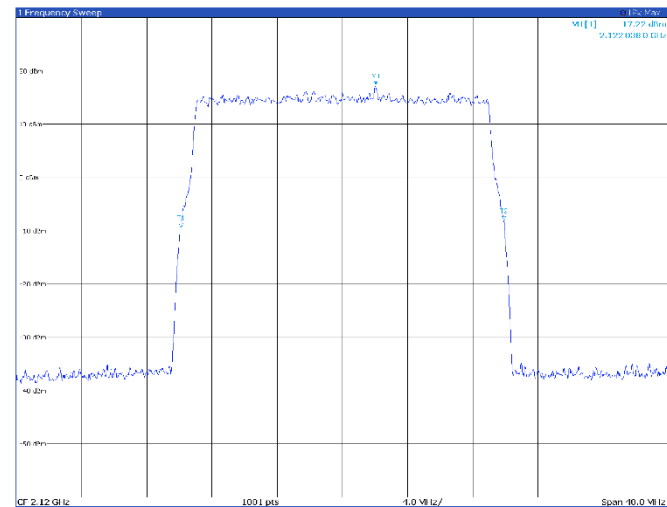
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112 796 GHz	16.58 dBm	nB	20.0 dB
T1	1		2.112 796 GHz	-9.42 dBm	nB down BW	19.90 MHz
T2	1		2.112 796 GHz	-9.42 dBm	nB down	19.90 MHz

TM1.1, 20 MHz, high channel



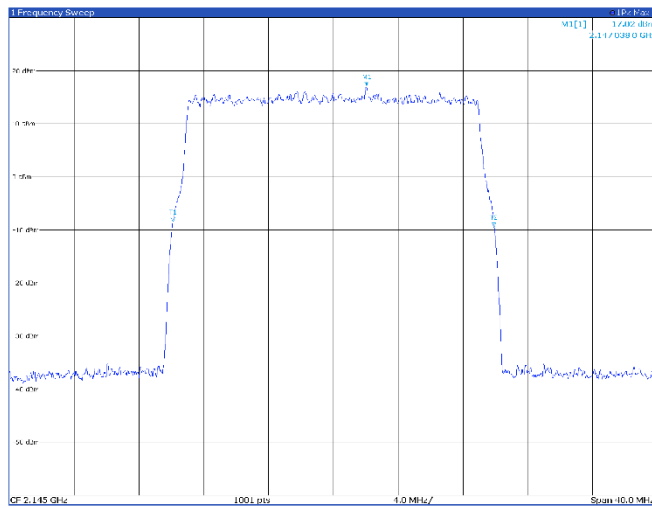
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112 326 GHz	16.43 dBm	nB	20.0 dB
T1	1		2.112 326 GHz	-9.57 dBm	nB down BW	19.94 MHz
T2	1		2.112 326 GHz	-9.57 dBm	nB down	19.94 MHz

TM3p1, 20 MHz, low channel



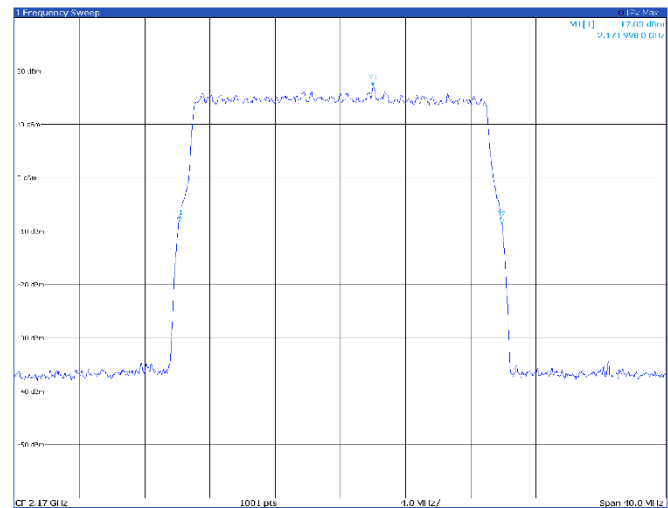
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		2.112 036 GHz	17.22 dBm	nB	20.0 dB
T1	1		2.112 036 GHz	-9.78 dBm	nB down BW	19.82 MHz
T2	1		2.112 036 GHz	-9.78 dBm	nB down	19.82 MHz

TM3p1, 20 MHz, mid channel



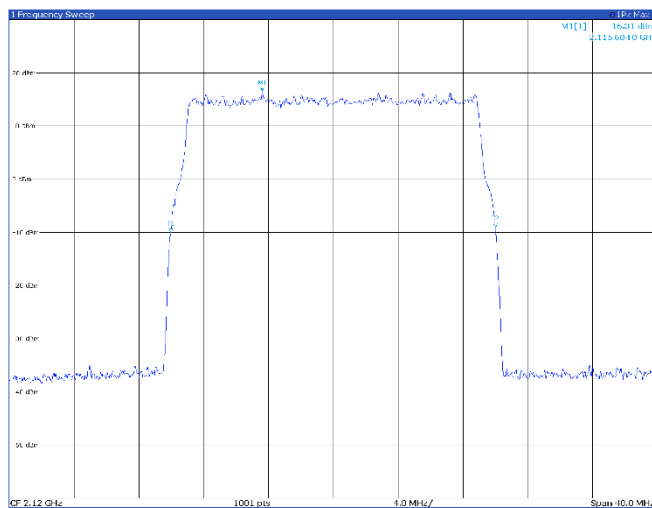
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.147038 GHz	17.02 dBm	nB	20.0 dB
M1	1	1	2.147038 GHz	-40.47 dBm	mB down BW	19.82 MHz
M2	1	1	2.147038 GHz	-40.47 dBm	C carrier	100.0

TM3p1, 20 MHz, high channel



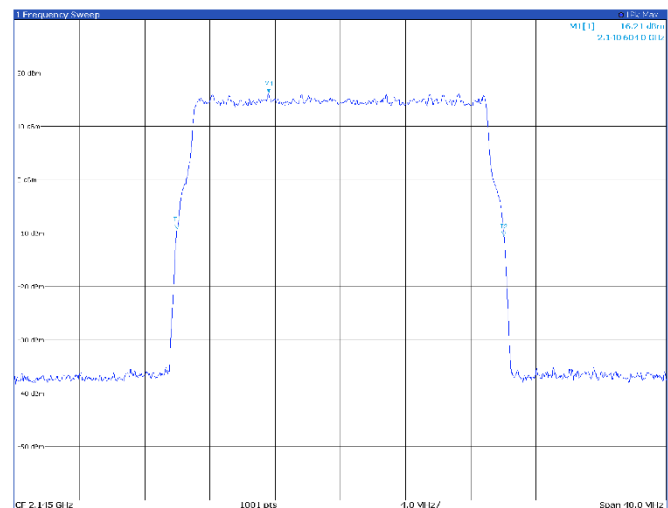
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.171998 GHz	17.03 dBm	nB	20.0 dB
M1	1	1	2.171998 GHz	-40.25 dBm	mB down BW	19.82 MHz
M2	1	1	2.171998 GHz	-40.25 dBm	C carrier	100.0

TM3p1a, 20 MHz, low channel



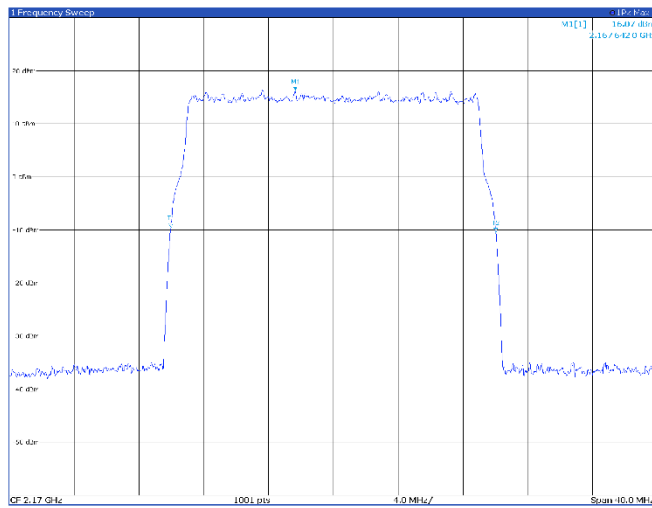
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.115604 GHz	16.31 dBm	nB	20.0 dB
M1	1	1	2.115604 GHz	-40.16 dBm	mB down BW	20.02 MHz
M2	1	1	2.115604 GHz	-40.16 dBm	C carrier	100.0

TM3p1a, 20 MHz, mid channel



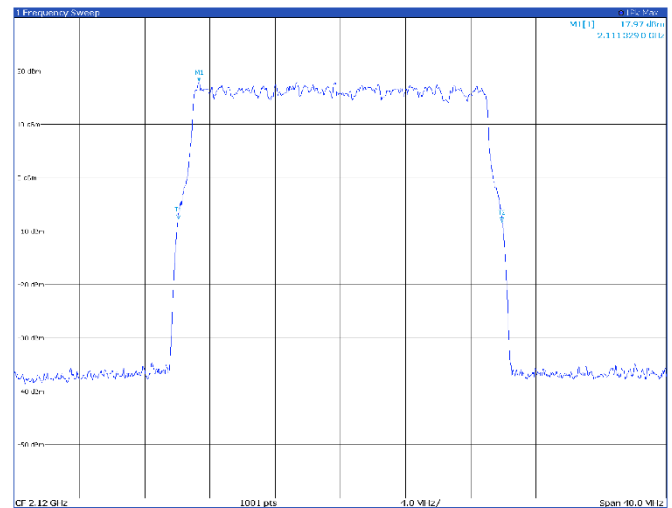
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.140604 GHz	16.21 dBm	nB	20.0 dB
M1	1	1	2.140604 GHz	-40.21 dBm	mB down BW	20.06 MHz
M2	1	1	2.140604 GHz	-40.21 dBm	C carrier	100.0

TM3p1a, 20 MHz, high channel



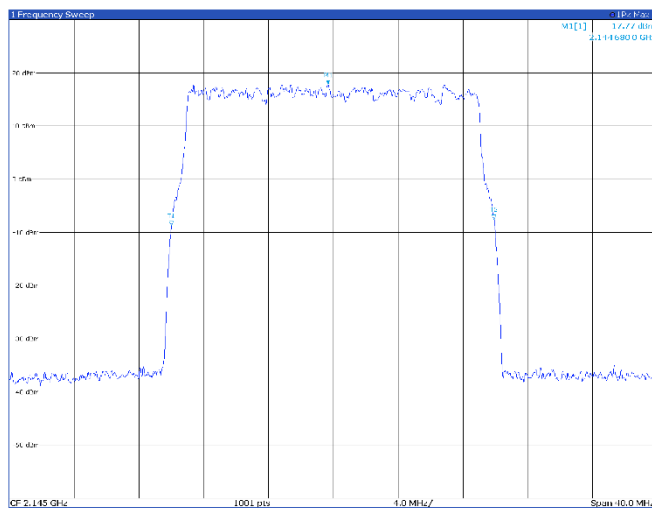
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.167642 GHz	16.07 dBm	nB	20 dB	20.06 MHz
M1	1		2.17077 GHz	-47.50 dBm	nB	down BW	
M2	1		2.17077 GHz	-47.50 dBm	nB	up BW	

TM3p3, 20 MHz, low channel



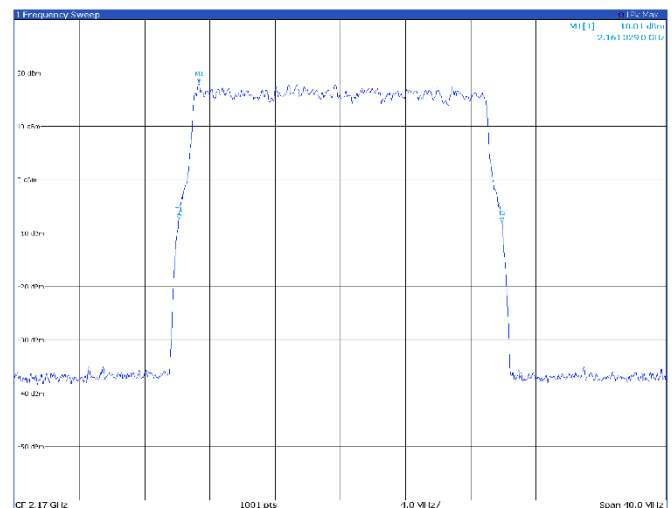
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.111329 GHz	17.97 dBm	nB	20 dB	19.86 MHz
M1	1		2.11075 GHz	-47.72 dBm	nB	down BW	
M2	1		2.11075 GHz	-47.72 dBm	nB	up BW	

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.14458 GHz	17.77 dBm	nB	20 dB	19.90 MHz
M1	1		2.14511 GHz	-46.76 dBm	nB	down BW	
M2	1		2.14511 GHz	-46.76 dBm	nB	up BW	

TM3p3, 20 MHz, high channel



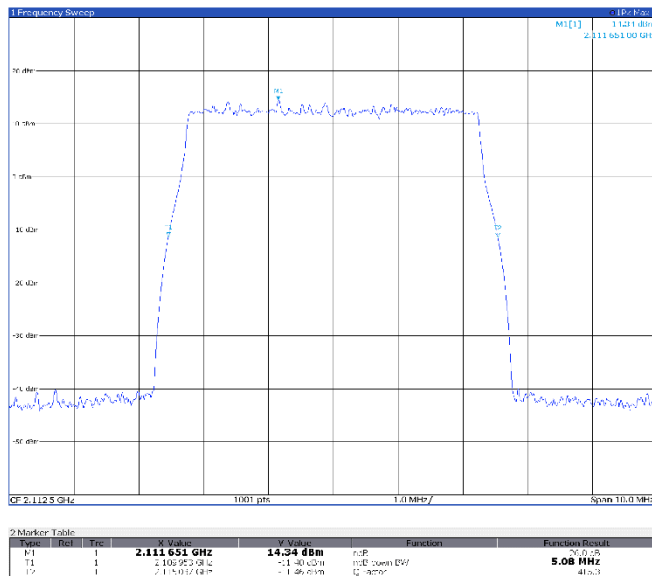
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		2.161329 GHz	18.01 dBm	nB	20 dB	19.82 MHz
M1	1		2.16075 GHz	-47.52 dBm	nB	down BW	
M2	1		2.16075 GHz	-47.52 dBm	nB	up BW	

Antenna port 2

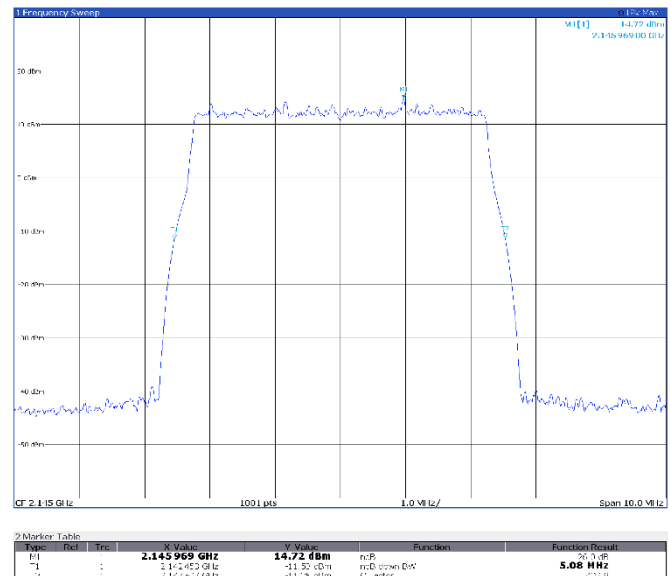
Band B66

5 MHz

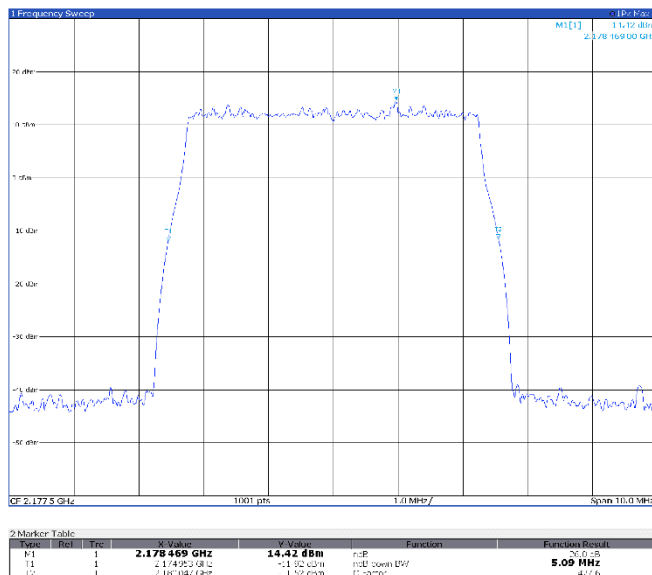
TM1.1, 5 MHz, low channel



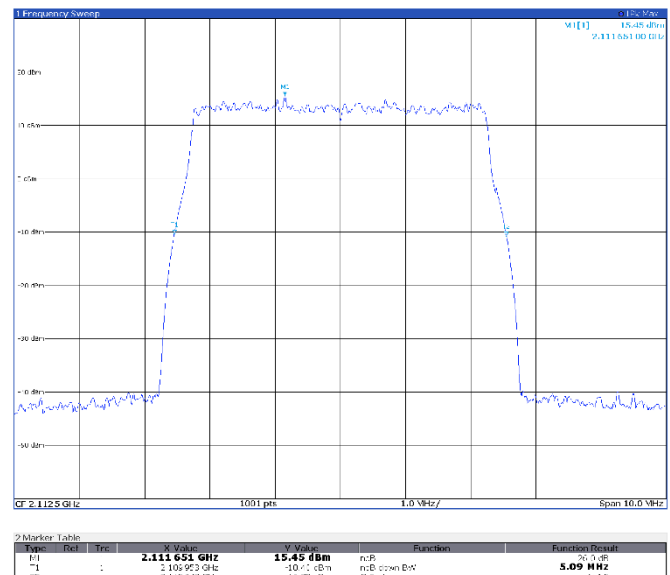
TM1.1, 5 MHz, mid channel



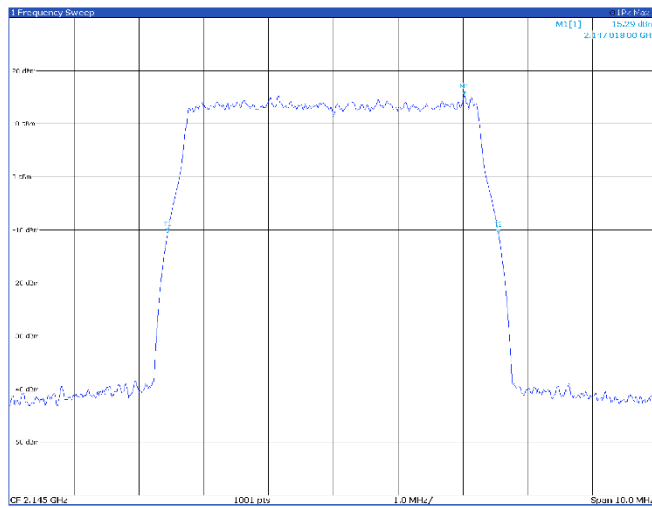
TM1.1, 5 MHz, high channel



TM3p1, 5 MHz, low channel

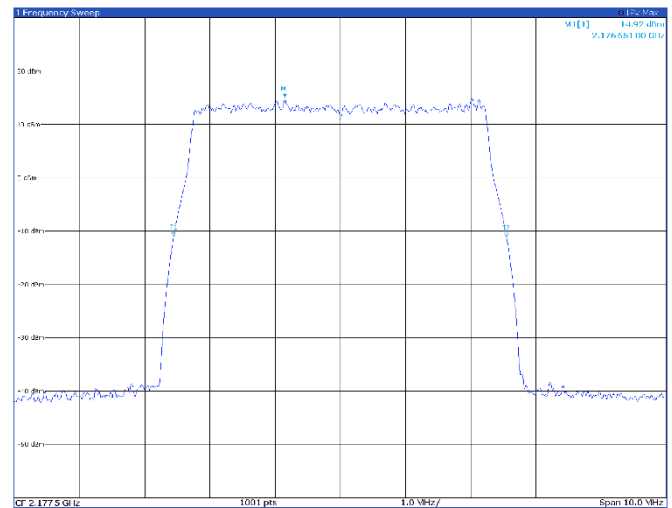


TM3p1, 5 MHz, mid channel



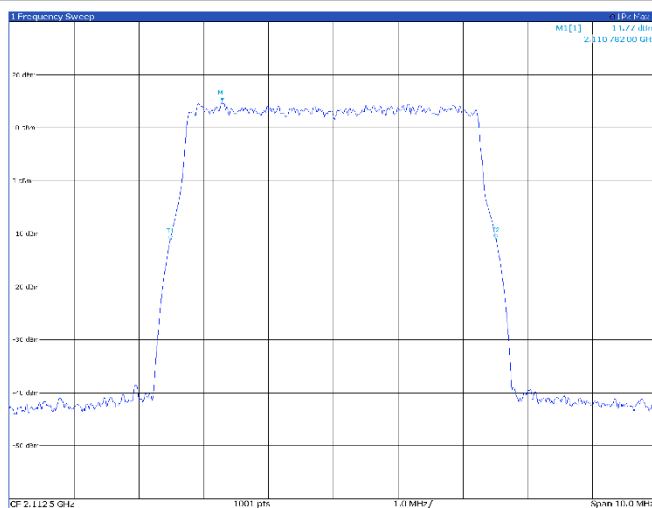
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.147018 GHz	15.29 dBm	nB	20.0 dB
M1	1	1	2.147018 GHz	15.29 dBm	nB down BW	5.11 MHz
M1	1	1	2.147018 GHz	15.29 dBm	nB down BW	5.11 MHz

TM3p1, 5 MHz, high channel



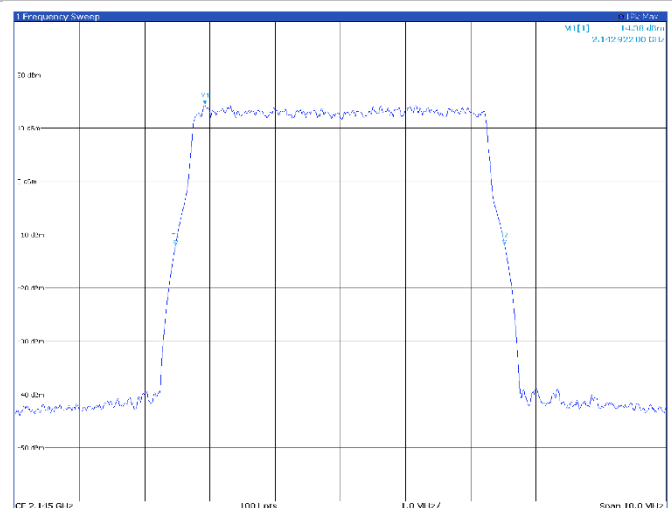
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.176651 GHz	14.92 dBm	nB	20.0 dB
M1	1	1	2.176651 GHz	14.92 dBm	nB down BW	5.11 MHz
M1	1	1	2.176651 GHz	14.92 dBm	nB down BW	5.11 MHz

TM3p1a, 5 MHz, low channel

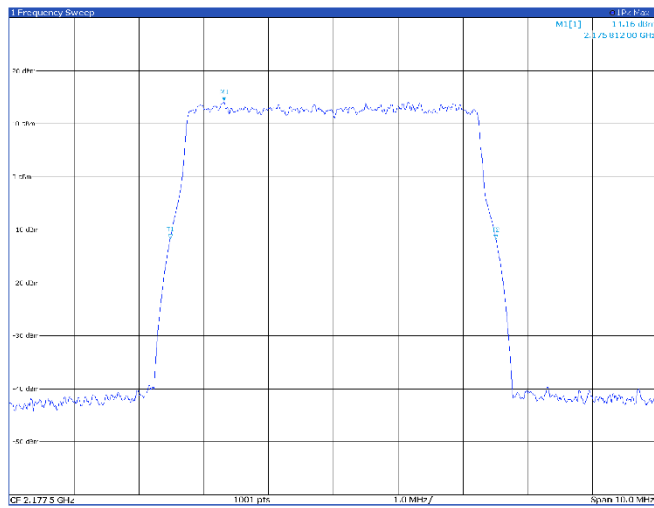


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.11782 GHz	14.77 dBm	nB	20.0 dB
M1	1	1	2.11782 GHz	14.77 dBm	nB down BW	5.03 MHz
M1	1	1	2.11782 GHz	14.77 dBm	nB down BW	5.03 MHz

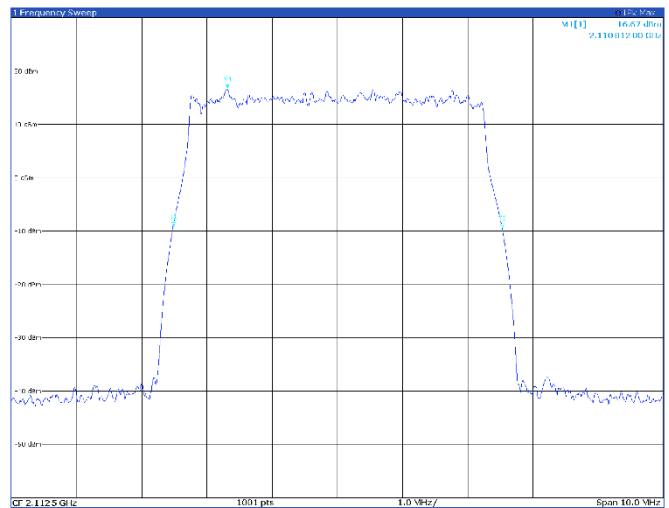
TM3p1a, 5 MHz, mid channel



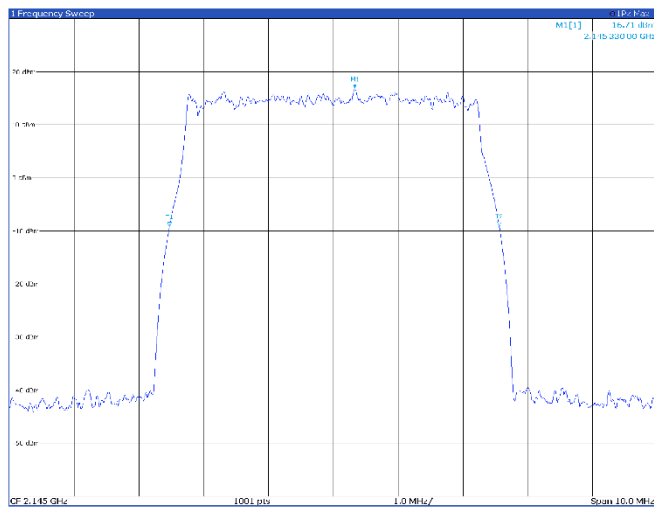
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	2.122922 GHz	14.98 dBm	nB	20.0 dB
M1	1	1	2.122922 GHz	14.98 dBm	nB down BW	5.04 MHz
M1	1	1	2.122922 GHz	14.98 dBm	nB down BW	5.04 MHz

TM3p1a, 5 MHz, high channel


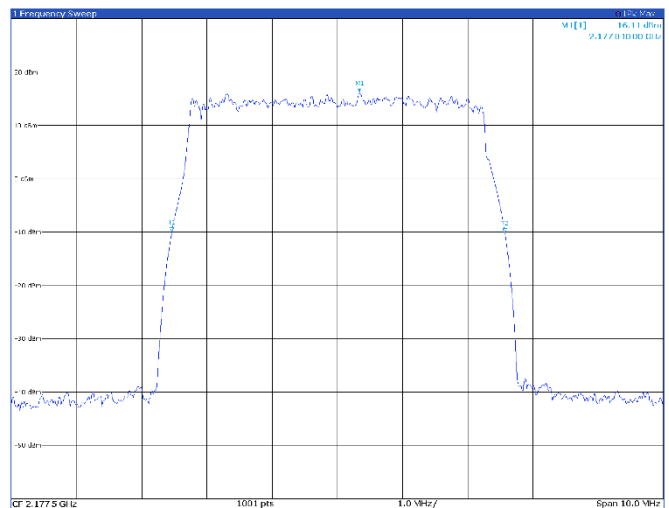
Type	Ref	Freq	X Value	Y Value	nB	Function	Function Result
M1	1		2.175812 GHz	14.16 dBm	nB	30.0 dB	5.03 MHz
M2	1		2.179012 GHz	14.16 dBm	nB	30.0 dB	5.03 MHz

TM3p3, 5 MHz, low channel


Type	Ref	Freq	X Value	Y Value	nB	Function	Function Result
M1	1		2.110812 GHz	16.67 dBm	nB	30.0 dB	5.04 MHz
M2	1		2.116812 GHz	16.67 dBm	nB	30.0 dB	5.04 MHz

TM3p3, 5 MHz, mid channel


Type	Ref	Freq	X Value	Y Value	nB	Function	Function Result
M1	1		2.143333 GHz	16.71 dBm	nB	30.0 dB	5.08 MHz
M2	1		2.146667 GHz	16.71 dBm	nB	30.0 dB	5.08 MHz

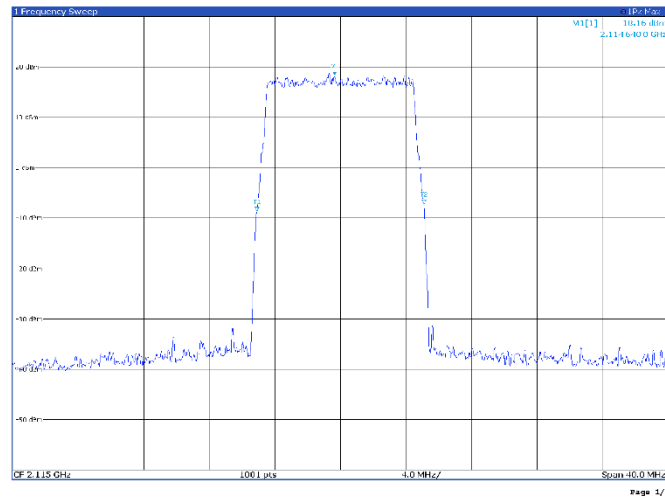
TM3p3, 5 MHz, high channel


Type	Ref	Freq	X Value	Y Value	nB	Function	Function Result
M1	1		2.17784 GHz	16.11 dBm	nB	30.0 dB	5.11 MHz
M2	1		2.18067 GHz	16.11 dBm	nB	30.0 dB	5.11 MHz

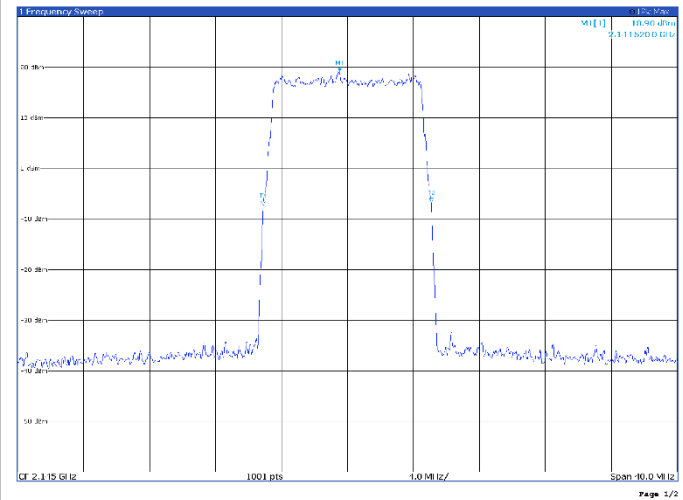
Band B66

10 MHz

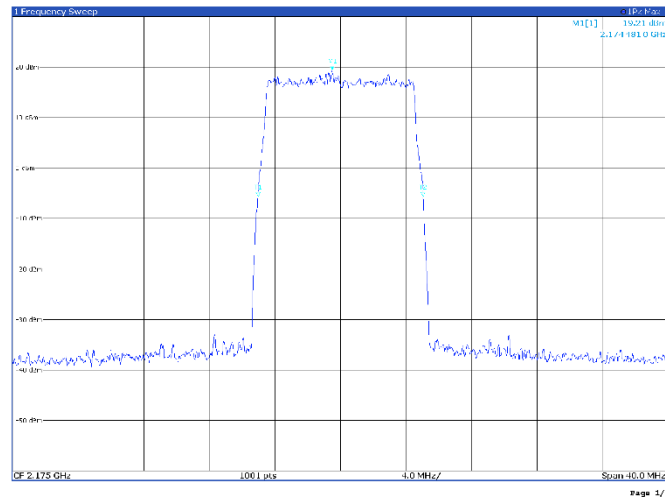
TM1.1, 10 MHz, low channel



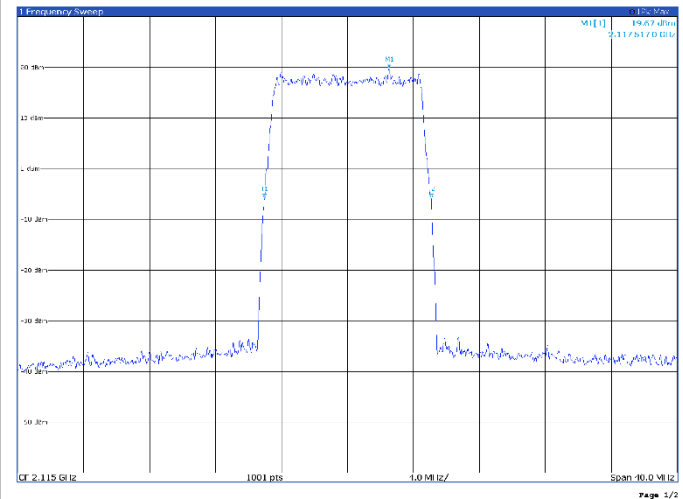
TM1.1, 10 MHz, mid channel



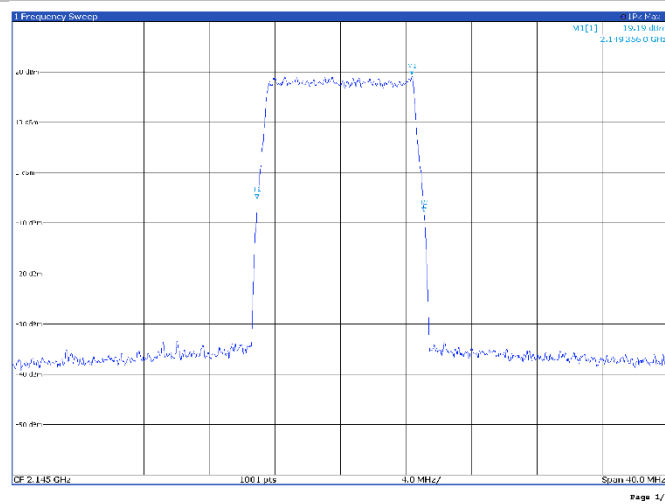
TM1.1, 10 MHz, high channel



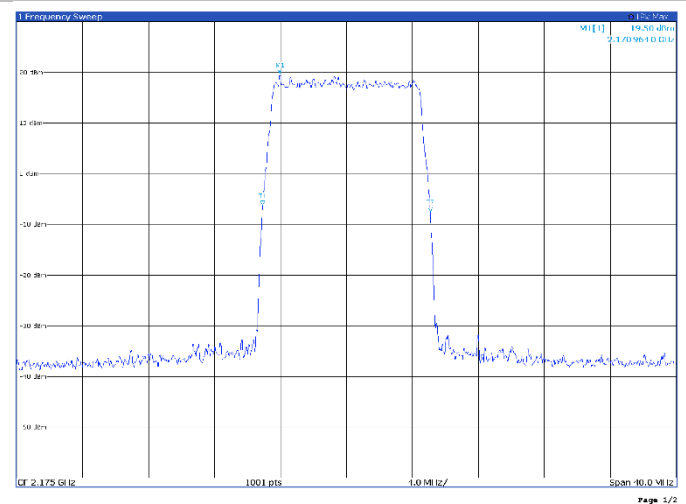
TM3p1, 10 MHz, low channel



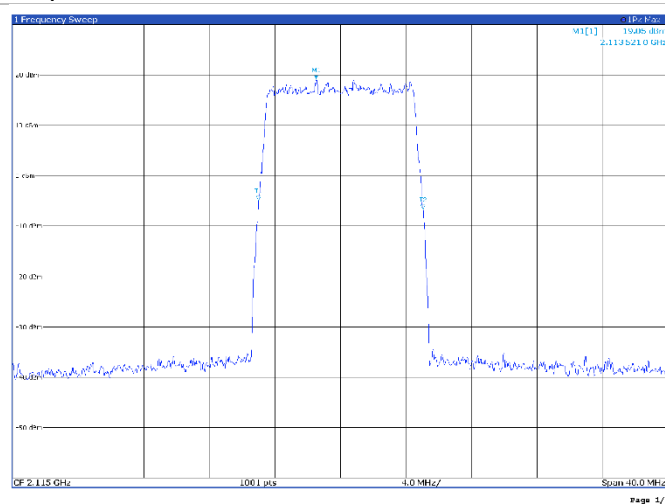
TM3p1, 10 MHz, mid channel



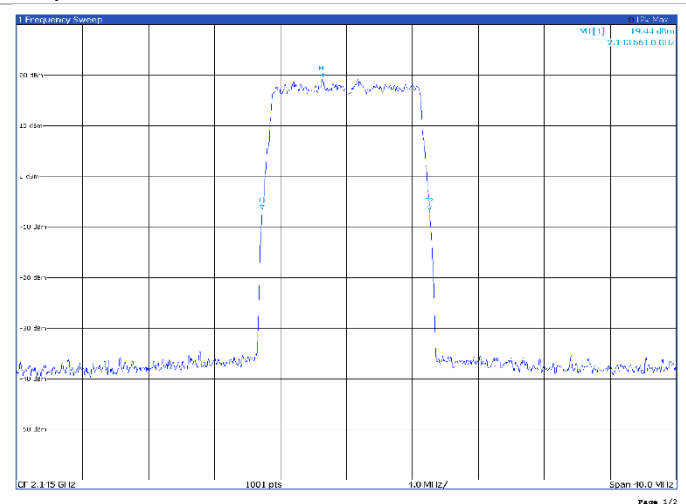
TM3p1, 10 MHz, high channel



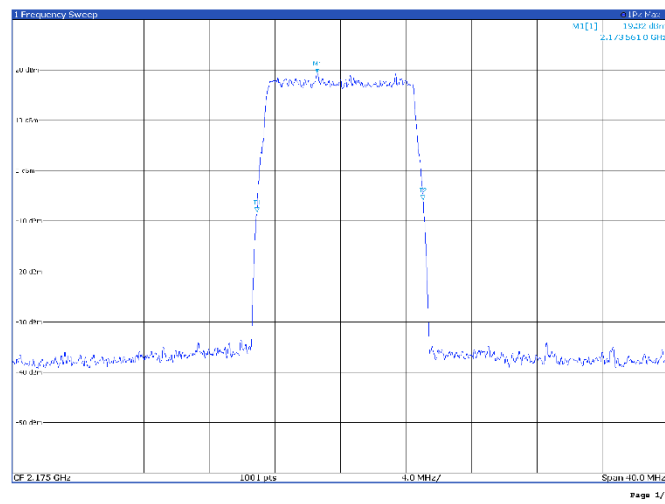
TM3p1a, 10 MHz, low channel



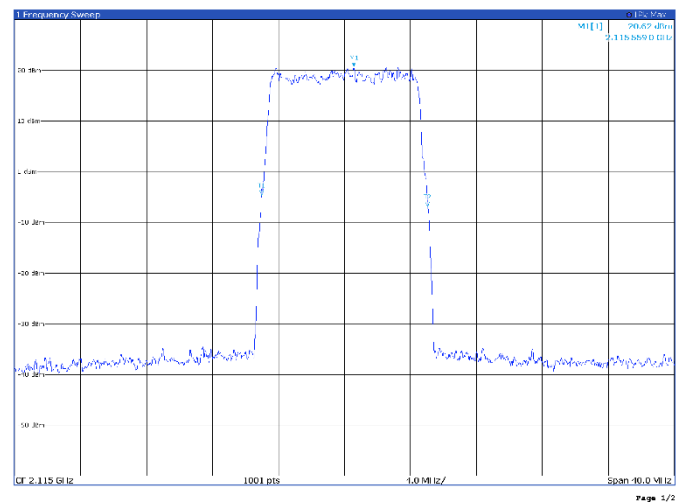
TM3p1a, 10 MHz, mid channel



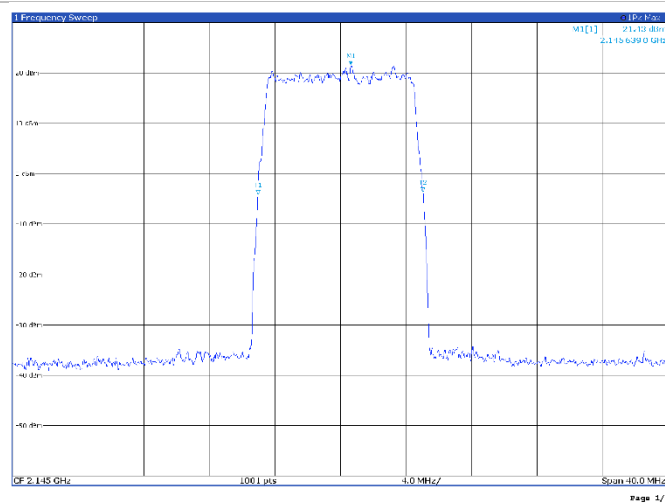
TM3p1a, 10 MHz, high channel



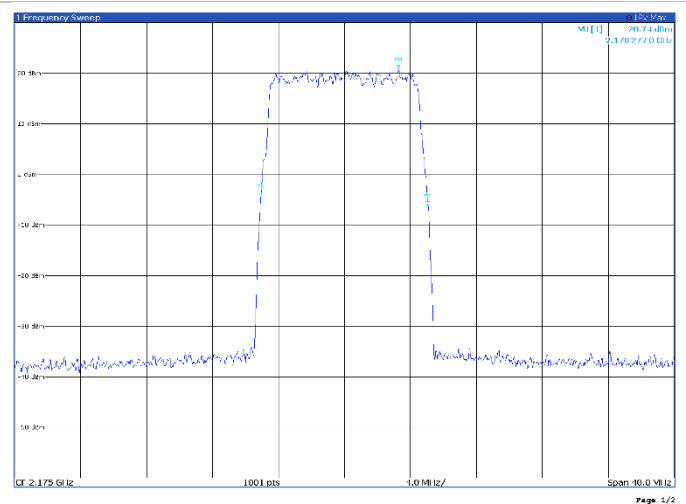
TM3p3, 10 MHz, low channel



TM3p3, 10 MHz, mid channel



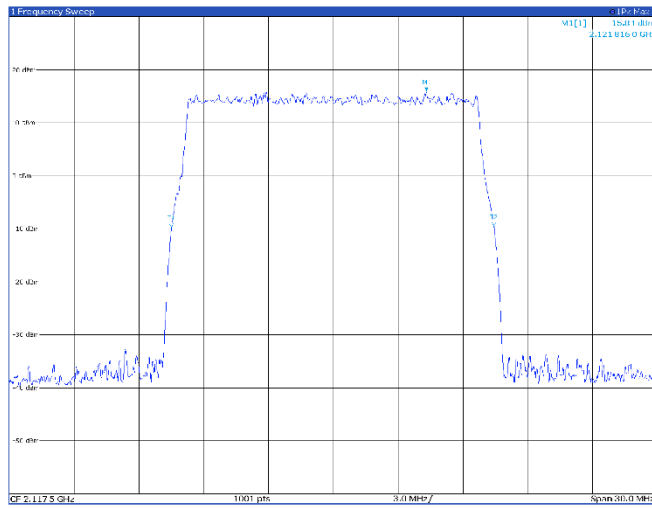
TM3p3, 10 MHz, high channel



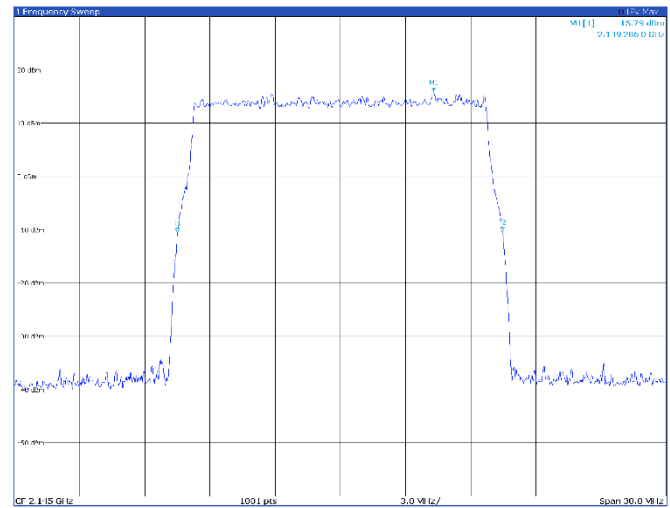
Band B66

15 MHz

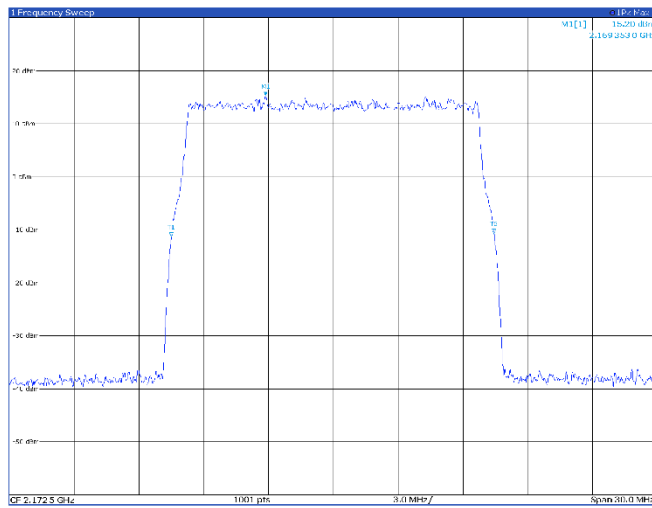
TM1.1, 15 MHz, low channel



TM1.1, 15 MHz, mid channel



TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

