

RADIO TEST REPORT

REP057950

Date of issue: September 27, 2024

Applicant:

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

Product:

RPM-A61L1-25

Model:

7847591-02

Model variant:

None

FCC ID:

XS5-RPML2-B25

IC Registration number:

NA

Specifications:

◆ **FCC 47 CFR Part 24E**

Personal Communications Services - Broadband PCS

Lab and test locations

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

Tested by	O. Frau
Signature	
Reviewed by	D. Guarnone
Review date	October 28, 2024
Signature	

Limits of responsibility

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

Copyright notification

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

Table of contents

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 24E 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 §2.1049(h) 26 dB Occupied Bandwidth	42
8.4 FCC 24.232(c) Power and antenna height limits	71
8.5 FCC 24.232(d) Power and antenna height limits - Peak to Average Power Ratio	97
8.6 FCC 24.238(a) Emission limitations for Broadband PCS equipment	126
8.7 FCC 24.235 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
REP057950	Original report issued

Section 2. Summary of test results

2.1 FCC Part 24E test results

Part	Test description	Verdict
§2.1033(c)(4)	Modulation type	Pass
§2.1049(h)	99% and 26 dB occupied bandwidth	Pass
§24.229	Frequencies	Pass
§24.232(c)	Power and antenna height limits	Pass
§24.232(d)	Peak to average power ratio	Pass
§24.238(a)	Conducted and radiated spurious emissions	Pass
§24.235	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-A61L1-25
Model	7847591-02
Part Number	7847591-02
Serial number	TJRMAG22170073

3.3 Technical information

Frequency band	LTE B25: 1930-1995 MHz
RF power Max (W), Conducted	max Port 1 = 24.2 dBm (0.27 W) – max Port 2 = 24.6 dBm (0.29 W); max comb. Port 1 + Port 2 = 27.0 dBm (0.50 W) @ 1962.5 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	5.9 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

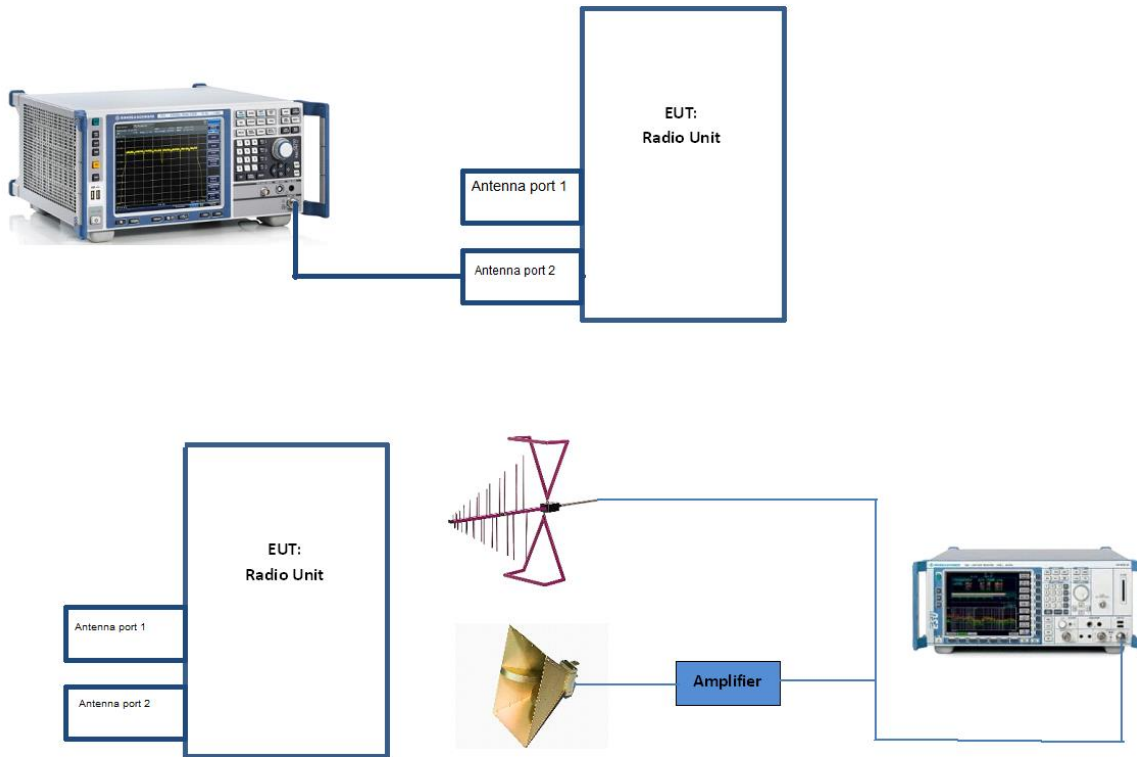


Figure 3.6-1: Setup diagram

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	September 4, 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 B25:

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 4, 2024	Temperature	22 °C
Test end date	September 26, 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 B25: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM1.1	1932.5	4.49
B25	5 MHz	TM1.1	1962.5	4.49
B25	5 MHz	TM1.1	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p1	1932.5	4.50
B25	5 MHz	TM3p1	1962.5	4.52
B25	5 MHz	TM3p1	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p1a	1932.5	4.48
B25	5 MHz	TM3p1a	1962.5	4.48
B25	5 MHz	TM3p1a	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p3	1932.5	4.49
B25	5 MHz	TM3p3	1962.5	4.49
B25	5 MHz	TM3p3	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM1.1	1935.0	8.96
B25	10 MHz	TM1.1	1962.5	8.97
B25	10 MHz	TM1.1	1990.0	8.96

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p1	1935.0	8.96
B25	10 MHz	TM3p1	1962.5	8.97
B25	10 MHz	TM3p1	1990.0	8.96

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p1a	1935.0	8.97
B25	10 MHz	TM3p1a	1962.5	8.98
B25	10 MHz	TM3p1a	1990.0	8.96

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p3	1935.0	8.96
B25	10 MHz	TM3p3	1962.5	8.97
B25	10 MHz	TM3p3	1990.0	8.96

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM1.1	1937.5	13.42
B25	15 MHz	TM1.1	1962.5	13.44
B25	15 MHz	TM1.1	1987.5	13.44
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p1	1937.5	13.42
B25	15 MHz	TM3p1	1962.5	13.47
B25	15 MHz	TM3p1	1987.5	13.46
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p1a	1937.5	13.45
B25	15 MHz	TM3p1a	1962.5	13.48
B25	15 MHz	TM3p1a	1987.5	13.47
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p3	1937.5	13.43
B25	15 MHz	TM3p3	1962.5	13.45
B25	15 MHz	TM3p3	1987.5	13.44
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM1.1	1940.0	17.88
B25	20 MHz	TM1.1	1962.5	17.92
B25	20 MHz	TM1.1	1985.0	17.90
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p1	1940.0	17.85
B25	20 MHz	TM3p1	1962.5	17.93
B25	20 MHz	TM3p1	1985.0	17.90
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p1a	1940.0	17.90
B25	20 MHz	TM3p1a	1962.5	17.92
B25	20 MHz	TM3p1a	1985.0	17.92
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p3	1940.0	17.86
B25	20 MHz	TM3p3	1962.5	17.91
B25	20 MHz	TM3p3	1985.0	17.90

Band B25: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM1.1	1932.5	4.49
B25	5 MHz	TM1.1	1962.5	4.49
B25	5 MHz	TM1.1	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p1	1932.5	4.50
B25	5 MHz	TM3p1	1962.5	4.51
B25	5 MHz	TM3p1	1992.5	4.51

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p1a	1932.5	4.48
B25	5 MHz	TM3p1a	1962.5	4.49
B25	5 MHz	TM3p1a	1992.5	4.48

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	5 MHz	TM3p3	1932.5	4.49
B25	5 MHz	TM3p3	1962.5	4.50
B25	5 MHz	TM3p3	1992.5	4.49

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM1.1	1935.0	8.96
B25	10 MHz	TM1.1	1962.5	8.96
B25	10 MHz	TM1.1	1990.0	8.96

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p1	1935.0	8.96
B25	10 MHz	TM3p1	1962.5	8.97
B25	10 MHz	TM3p1	1990.0	8.97

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p1a	1935.0	8.96
B25	10 MHz	TM3p1a	1962.5	8.97
B25	10 MHz	TM3p1a	1990.0	8.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	10 MHz	TM3p3	1935.0	8.96
B25	10 MHz	TM3p3	1962.5	8.96
B25	10 MHz	TM3p3	1990.0	8.97

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM1.1	1937.5	13.42
B25	15 MHz	TM1.1	1962.5	13.44
B25	15 MHz	TM1.1	1987.5	13.44

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p1	1937.5	13.43
B25	15 MHz	TM3p1	1962.5	13.47
B25	15 MHz	TM3p1	1987.5	13.46

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p1a	1937.5	13.45
B25	15 MHz	TM3p1a	1962.5	13.48
B25	15 MHz	TM3p1a	1987.5	13.48

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	15 MHz	TM3p3	1937.5	13.42
B25	15 MHz	TM3p3	1962.5	13.46
B25	15 MHz	TM3p3	1987.5	13.44

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM1.1	1940.0	17.86
B25	20 MHz	TM1.1	1962.5	17.93
B25	20 MHz	TM1.1	1985.0	17.93

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p1	1940.0	17.89
B25	20 MHz	TM3p1	1962.5	17.92
B25	20 MHz	TM3p1	1985.0	17.90

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p1a	1940.0	17.89
B25	20 MHz	TM3p1a	1962.5	17.93
B25	20 MHz	TM3p1a	1985.0	17.91

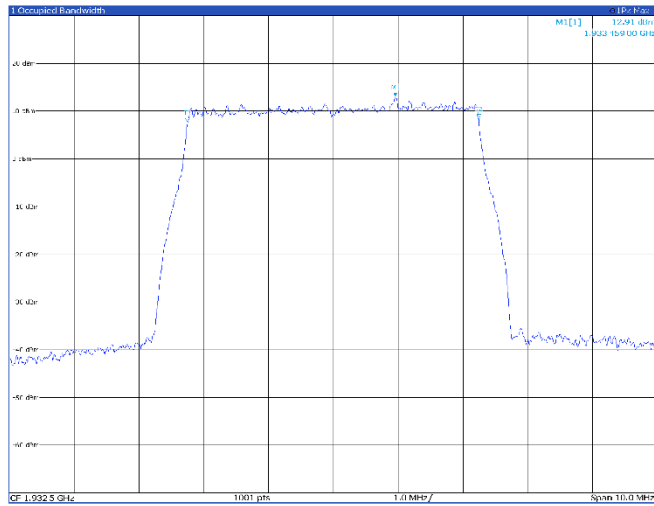
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
B25	20 MHz	TM3p3	1940.0	17.87
B25	20 MHz	TM3p3	1962.5	17.89
B25	20 MHz	TM3p3	1985.0	17.91

Antenna port 1

Band B25

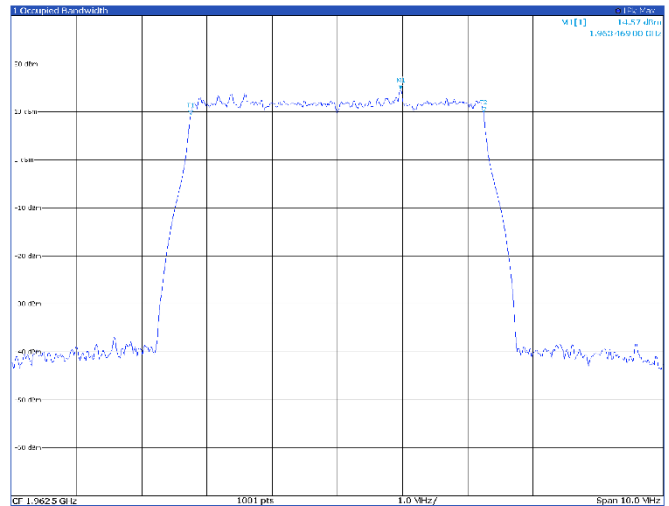
5 MHz

TM1.1, 5 MHz, low channel



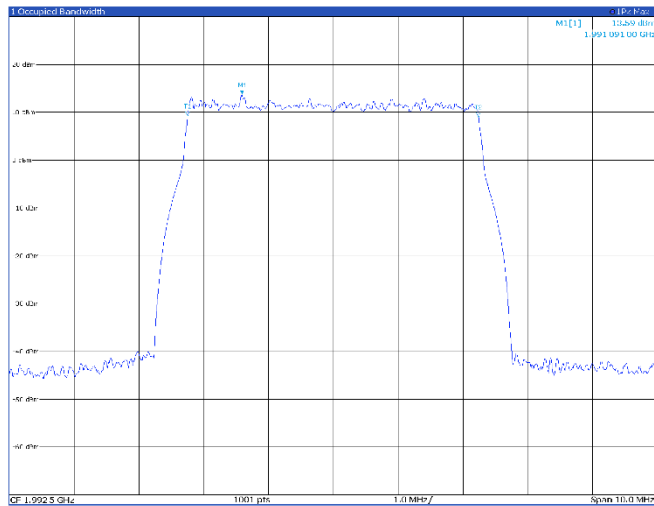
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.993 459 GHz	12.91 dBm	Occupied Bandwidth	4.489 617 047 MHz
M2	1		1.992 2621 GHz	7.36 dBm	Occupied Bandwidth	1.992 429 248 GHz
M3	1		1.994 65 GHz	8.54 dBm	Occupied Bandwidth	1.994 33325 GHz

TM1.1, 5 MHz, mid channel



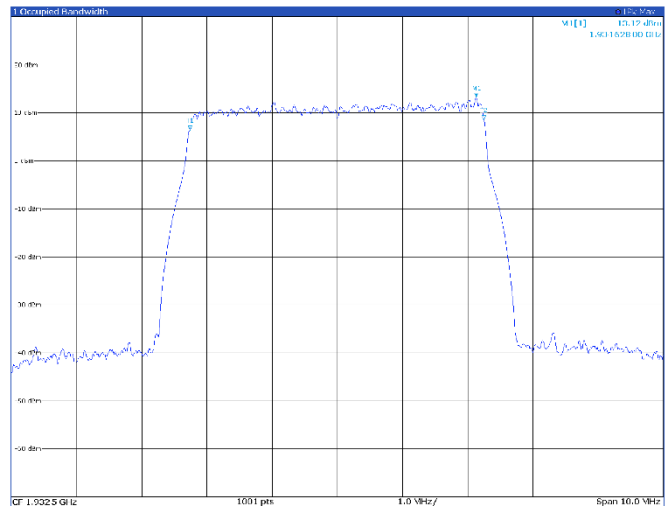
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.993 469 GHz	14.57 dBm	Occupied Bandwidth	4.493 497 59 MHz
M2	1		1.992 2691 GHz	9.37 dBm	Occupied Bandwidth	1.992 467 GHz
M3	1		1.994 649 GHz	9.35 dBm	Occupied Bandwidth	1.994 33325 GHz

TM1.1, 5 MHz, high channel

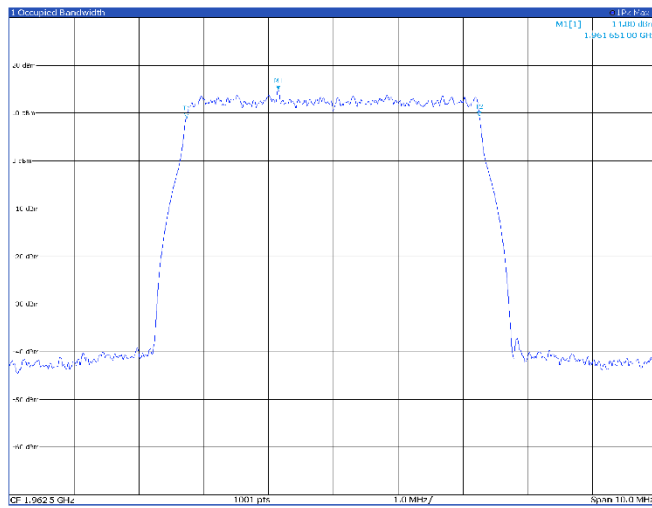


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.991 091 GHz	13.59 dBm	Occupied Bandwidth	4.486 177 032 MHz
M2	1		1.992 25 GHz	9.25 dBm	Occupied Bandwidth	1.992 429 248 GHz
M3	1		1.994 649 GHz	8.54 dBm	Occupied Bandwidth	1.994 33325 GHz

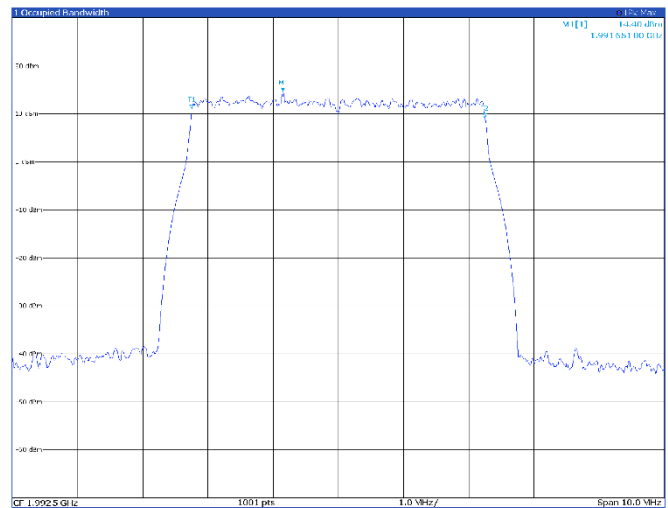
TM3p1, 5 MHz, low channel



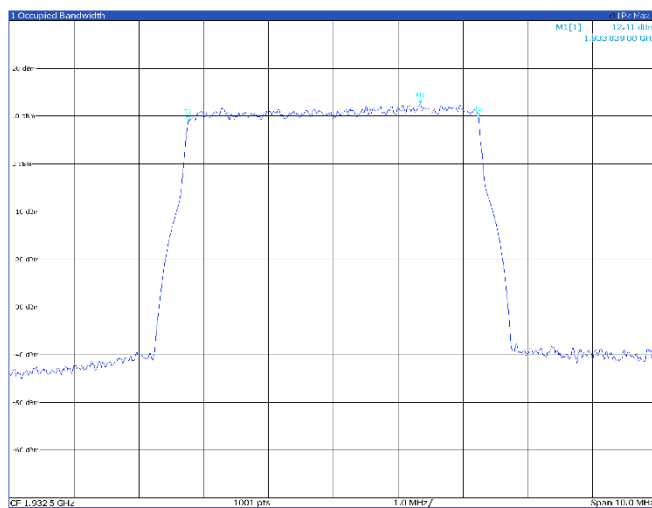
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.991 628 GHz	13.12 dBm	Occupied Bandwidth	4.503 544 377 MHz
M2	1		1.992 25 GHz	9.25 dBm	Occupied Bandwidth	1.992 429 248 GHz
M3	1		1.994 649 GHz	8.54 dBm	Occupied Bandwidth	1.994 33325 GHz

TM3p1, 5 MHz, mid channel


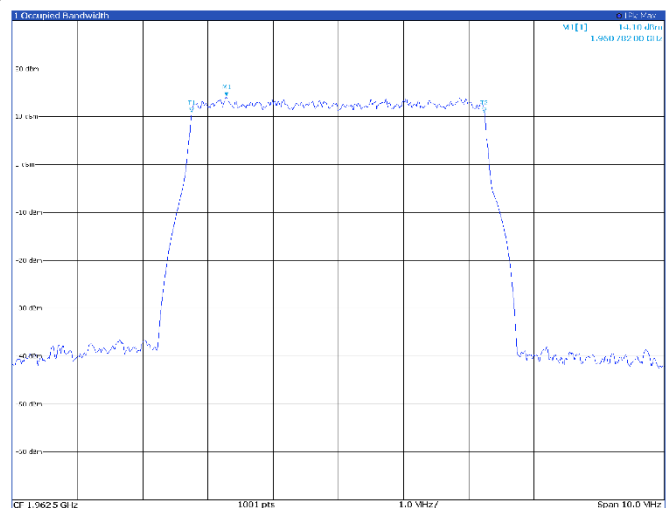
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.961651 GHz	14.80 dBm	Occ Sw	4.51996088 MHz
P1	1		1.961651 GHz	14.80 dBm	Occ Sw Channel	1.961651 GHz
P1	1		1.961651 GHz	14.80 dBm	Occ Sw Channel	1.961651 GHz

TM3p1, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.991651 GHz	14.40 dBm	Occ Sw	4.494557773 MHz
P1	1		1.991651 GHz	14.40 dBm	Occ Sw Channel	1.991651 GHz
P1	1		1.991651 GHz	14.40 dBm	Occ Sw Channel	1.991651 GHz

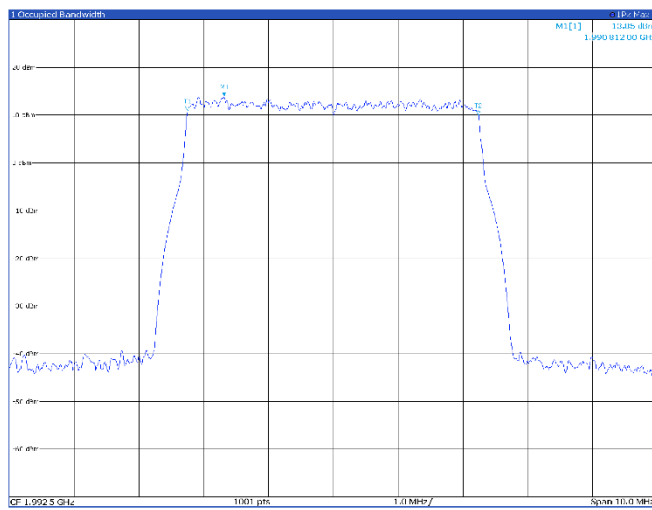
TM3p1a, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.933839 GHz	12.41 dBm	Occ Sw	4.480847455 MHz
P1	1		1.933839 GHz	12.41 dBm	Occ Sw Channel	1.933839 GHz
P1	1		1.933839 GHz	12.41 dBm	Occ Sw Channel	1.933839 GHz

TM3p1a, 5 MHz, mid channel


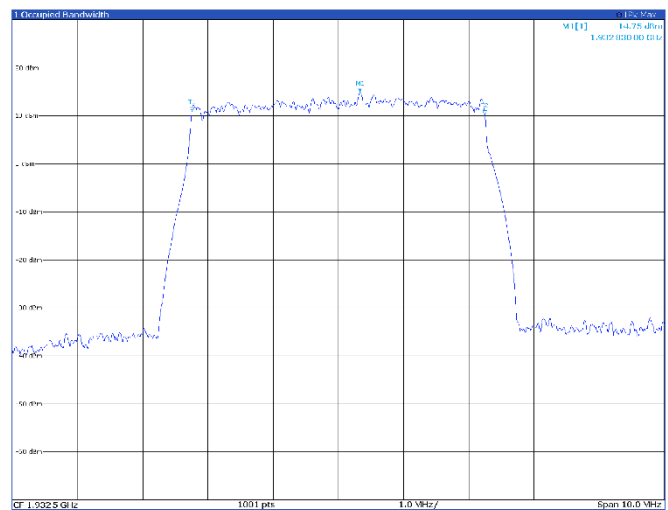
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.950782 GHz	14.10 dBm	Occ Sw	4.484665759 MHz
P1	1		1.950782 GHz	14.10 dBm	Occ Sw Channel	1.950782 GHz
P1	1		1.950782 GHz	14.10 dBm	Occ Sw Channel	1.950782 GHz

TM3p1a, 5 MHz, high channel



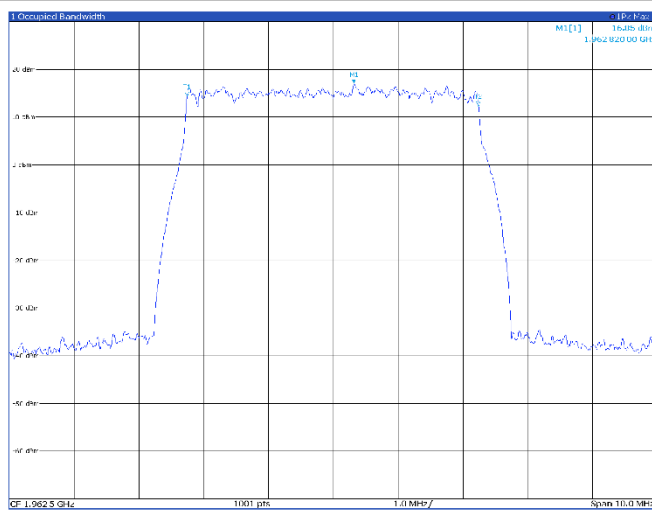
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.990812 GHz	13.85 dBm	Occ Sw	4.485795826 MHz
P1	1		1.990812 GHz	13.85 dBm	Occ Sw Control	1.990812 GHz
P1	1		1.990812 GHz	13.85 dBm	Occ Sw Offset	1.990812 GHz

TM3p3, 5 MHz, low channel



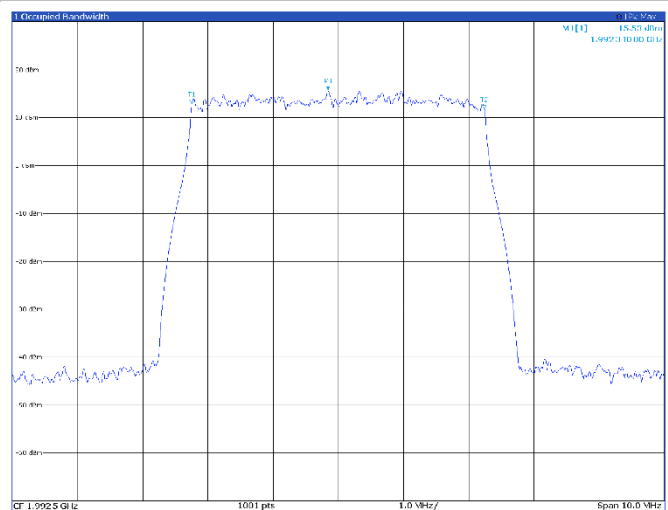
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.992065 MHz	14.75 dBm	Occ Sw	4.493263065 MHz
P1	1		1.992065 MHz	14.75 dBm	Occ Sw Control	1.992065 MHz
P1	1		1.992065 MHz	14.75 dBm	Occ Sw Offset	1.992065 MHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.992902373 MHz	16.85 dBm	Occ Sw	4.493902373 MHz
P1	1		1.992902373 MHz	16.85 dBm	Occ Sw Control	1.992902373 MHz
P1	1		1.992902373 MHz	16.85 dBm	Occ Sw Offset	1.992902373 MHz

TM3p3, 5 MHz, high channel

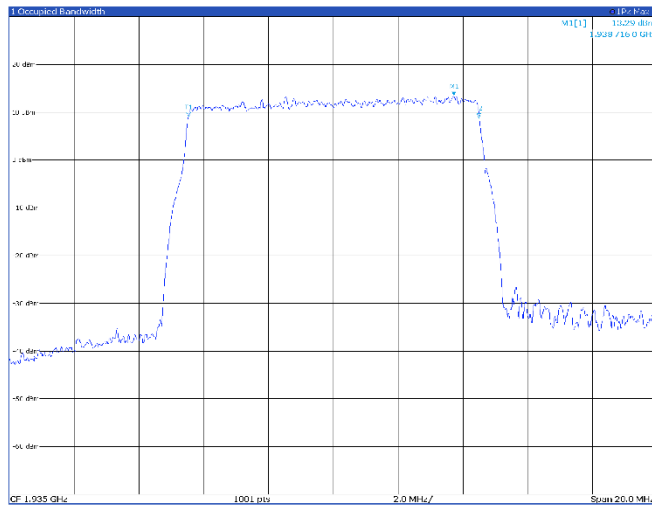


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.99234 GHz	15.53 dBm	Occ Sw	4.488369328 MHz
P1	1		1.99234 GHz	15.53 dBm	Occ Sw Control	1.99234 GHz
P1	1		1.99234 GHz	15.53 dBm	Occ Sw Offset	1.99234 GHz

Band B25

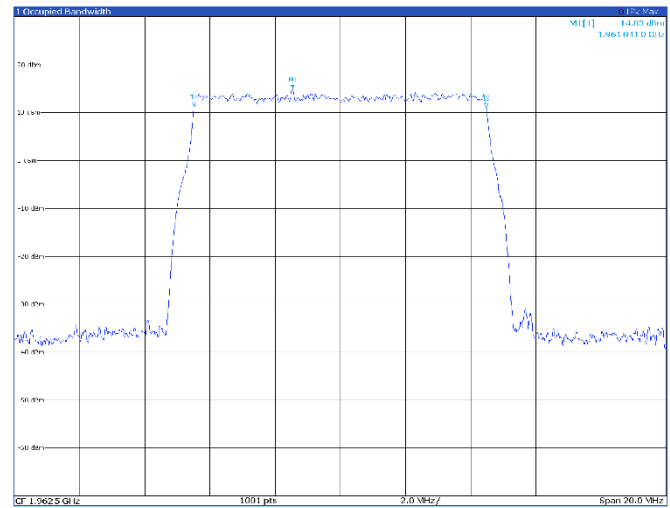
10 MHz

TM1.1, 10 MHz, low channel



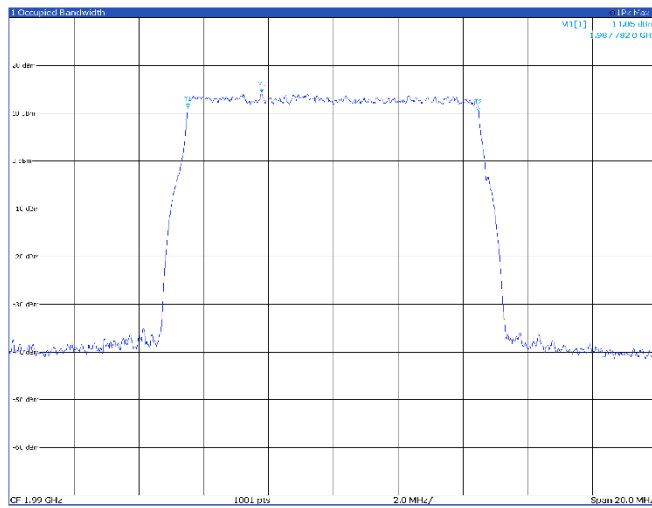
Type	Ref	Trc	X Value	Y Value	Cor. Set	Function	Function Result
P1	1		1.938716 GHz	13.29 dBm	Cor. Set	Occupied Bandwidth	8.959283561 MHz
P2	1		1.938716 GHz	13.29 dBm	Cor. Set	Occupied Bandwidth	8.959283561 MHz

TM1.1, 10 MHz, mid channel



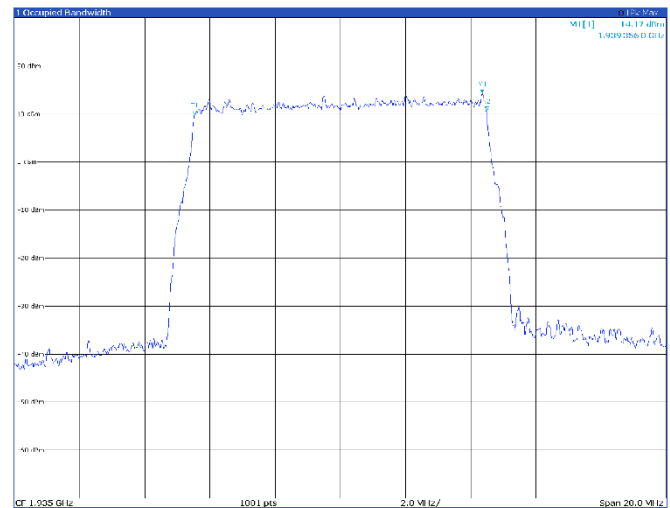
Type	Ref	Trc	X Value	Y Value	Cor. Set	Function	Function Result
P1	1		1.961041 GHz	14.83 dBm	Cor. Set	Occupied Bandwidth	8.970127061 MHz
P2	1		1.961041 GHz	14.83 dBm	Cor. Set	Occupied Bandwidth	8.970127061 MHz

TM1.1, 10 MHz, high channel



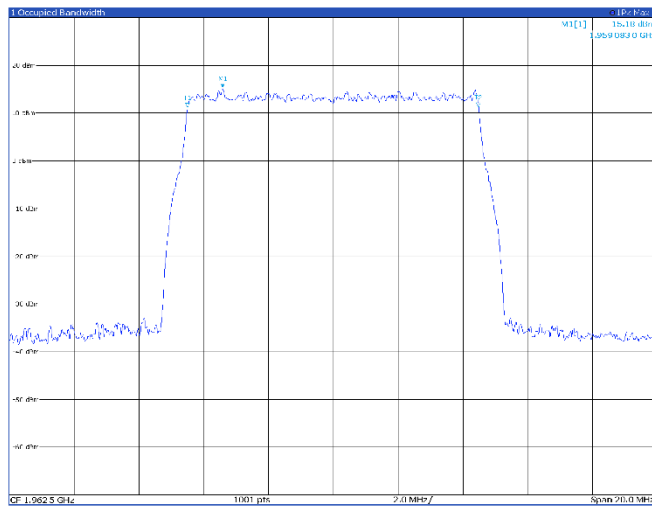
Type	Ref	Trc	X Value	Y Value	Cor. Set	Function	Function Result
P1	1		1.987782 GHz	14.05 dBm	Cor. Set	Occupied Bandwidth	8.96351552 MHz
P2	1		1.987782 GHz	14.05 dBm	Cor. Set	Occupied Bandwidth	8.96351552 MHz

TM3p1, 10 MHz, low channel



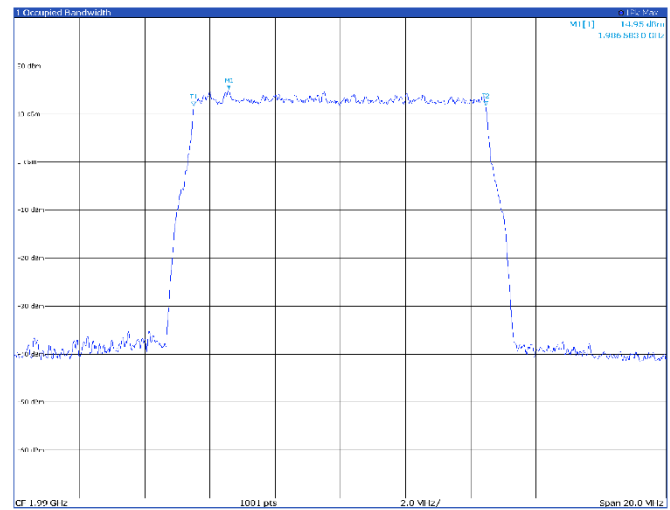
Type	Ref	Trc	X Value	Y Value	Cor. Set	Function	Function Result
P1	1		1.939356 GHz	14.17 dBm	Cor. Set	Occupied Bandwidth	8.957693856 MHz
P2	1		1.939356 GHz	14.17 dBm	Cor. Set	Occupied Bandwidth	8.957693856 MHz

TM3p1, 10 MHz, mid channel



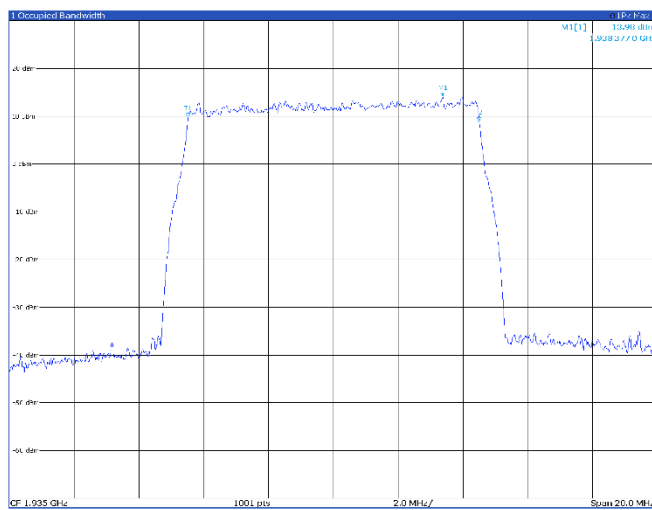
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.959 083 GHz	15.18 dBm	Occ 5w	8.971 879 626 MHz
F1	1		1.959 083 GHz	11.12 dBm	Occ 5w Channel	1.959 083 GHz
F1	1		1.959 083 GHz	11.12 dBm	Occ 5w Channel	1.959 083 GHz

TM3p1, 10 MHz, high channel



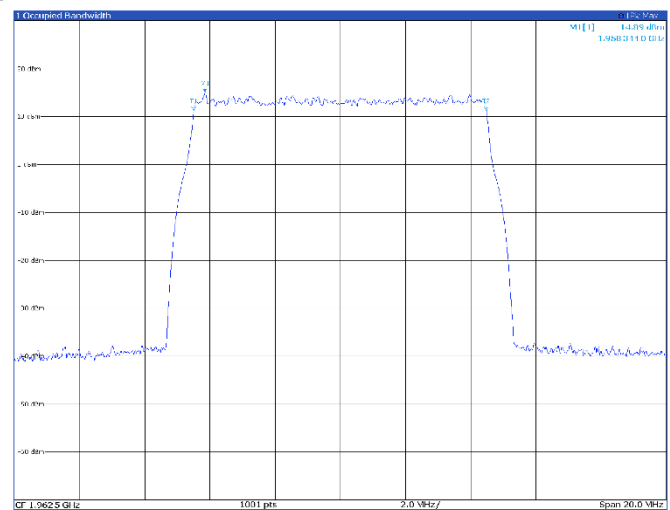
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.960 583 GHz	14.95 dBm	Occ 5w	8.961 640 624 MHz
F1	1		1.960 583 GHz	11.02 dBm	Occ 5w Channel	1.960 583 GHz
F1	1		1.960 583 GHz	11.02 dBm	Occ 5w Channel	1.960 583 GHz

TM3p1a, 10 MHz, low channel



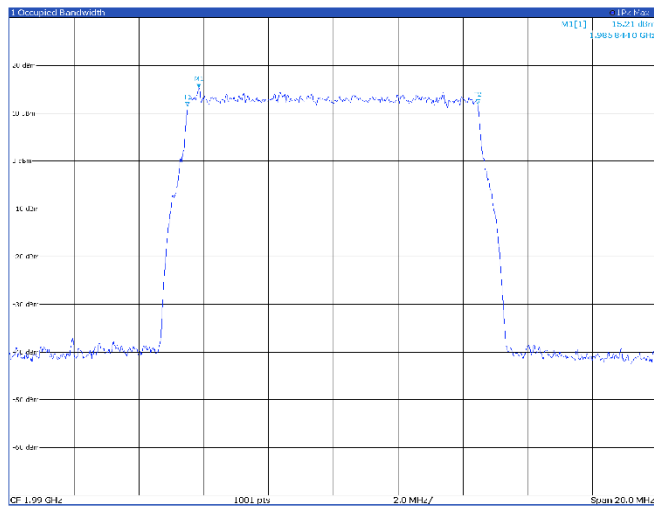
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.958 377 GHz	13.99 dBm	Occ 5w	8.961 454 951 MHz
F1	1		1.958 377 GHz	9.66 dBm	Occ 5w Channel	1.958 377 GHz
F1	1		1.958 377 GHz	9.66 dBm	Occ 5w Channel	1.958 377 GHz

TM3p1a, 10 MHz, mid channel



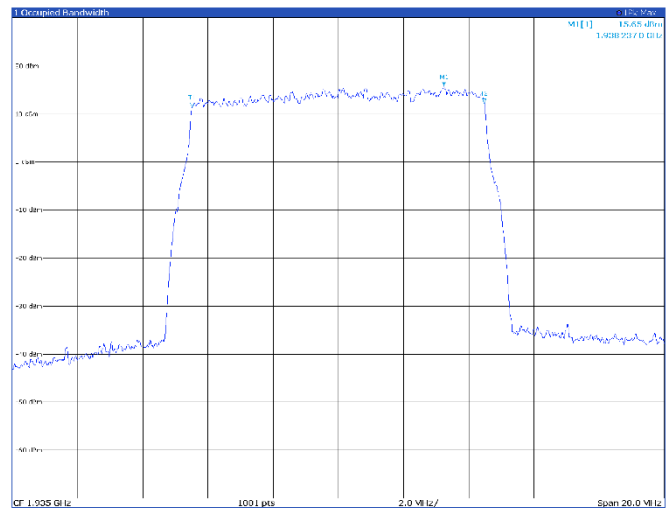
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.958 344 GHz	14.89 dBm	Occ 5w	8.961 473 535 MHz
F1	1		1.958 344 GHz	11.02 dBm	Occ 5w Channel	1.958 344 GHz
F1	1		1.958 344 GHz	11.02 dBm	Occ 5w Channel	1.958 344 GHz

TM3p1a, 10 MHz, high channel



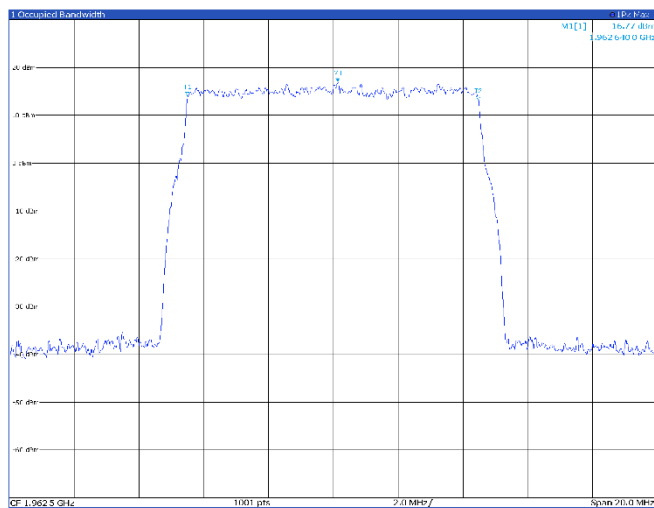
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.985844 GHz	15.21 dBm	Occ Sw	8.961496551 MHz
M2	1		1.985844 GHz	15.21 dBm	Occ Sw	1.985844 GHz
M3	1		1.985844 GHz	15.21 dBm	Occ Sw	1.985844 GHz

TM3p3, 10 MHz, low channel



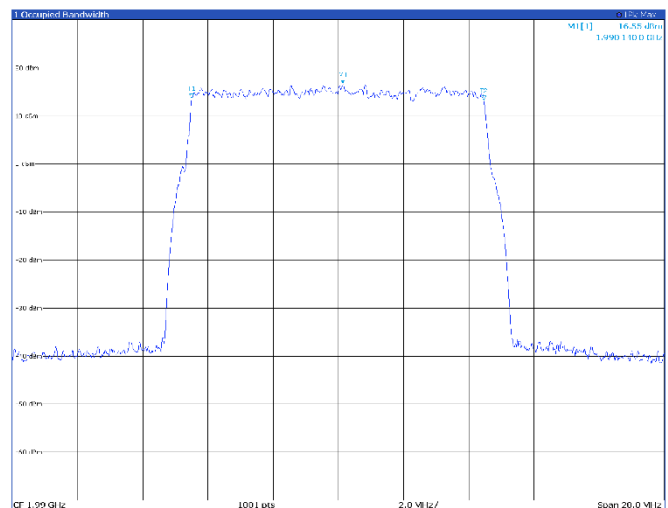
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.990237 GHz	15.65 dBm	Occ Sw	8.960531536 MHz
M2	1		1.990237 GHz	15.65 dBm	Occ Sw	1.990237 GHz
M3	1		1.990237 GHz	15.65 dBm	Occ Sw	1.990237 GHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.99254 GHz	16.77 dBm	Occ Sw	8.972857064 MHz
M2	1		1.99254 GHz	16.77 dBm	Occ Sw	1.99254 GHz
M3	1		1.99254 GHz	16.77 dBm	Occ Sw	1.99254 GHz

TM3p3, 10 MHz, high channel

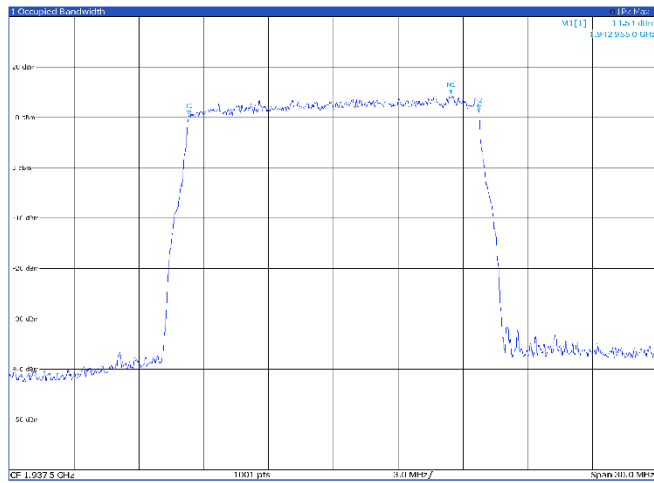


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.99014 GHz	16.55 dBm	Occ Sw	8.960593356 MHz
M2	1		1.99014 GHz	16.55 dBm	Occ Sw	1.99014 GHz
M3	1		1.99014 GHz	16.55 dBm	Occ Sw	1.99014 GHz

Band B25

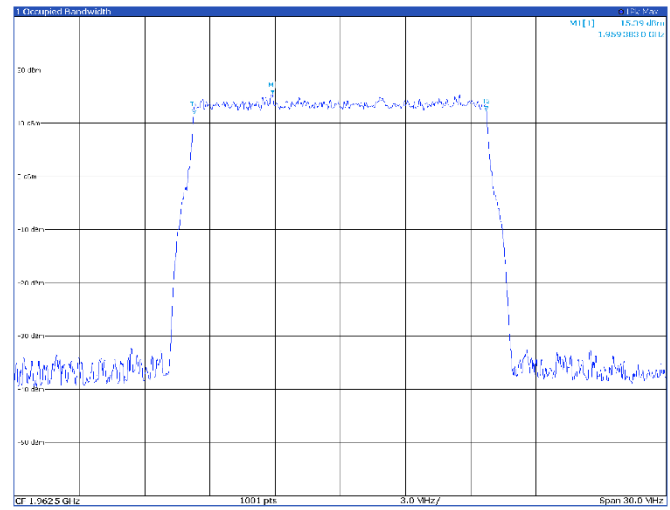
15 MHz

TM1.1, 15 MHz, low channel



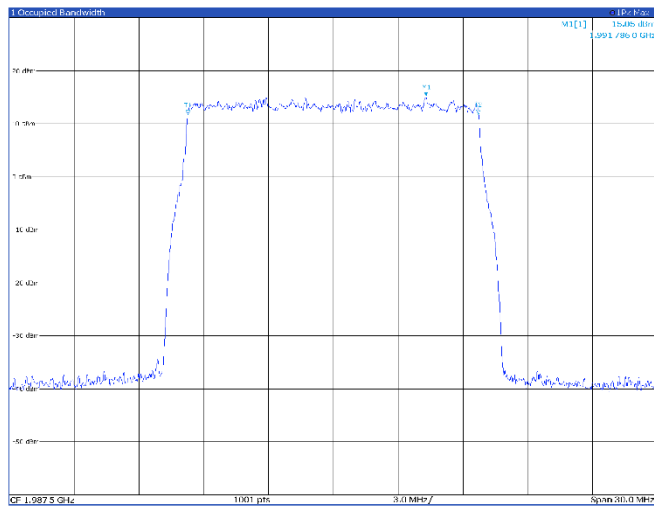
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.942955 GHz	14.54 dBm	Occ Sw	13.421170424 MHz
T1	-	1	1.942955 GHz	14.54 dBm	Occ Sw Control	1.942955 GHz
T2	-	1	1.942955 GHz	14.54 dBm	Occ Sw Control	1.942955 GHz

TM1.1, 15 MHz, mid channel



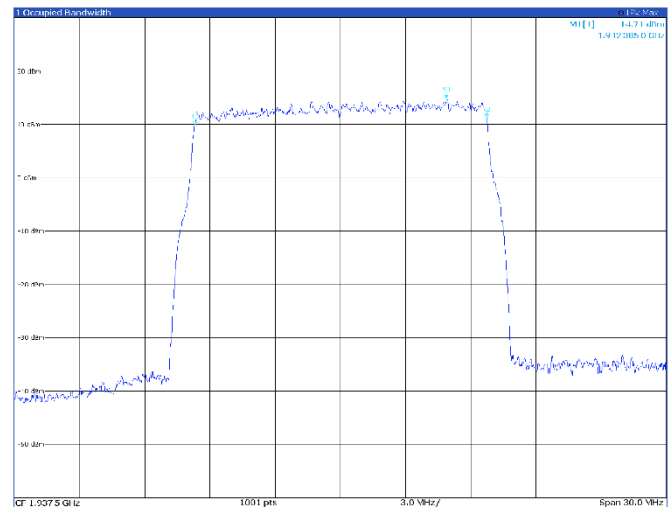
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.959383 GHz	15.39 dBm	Occ Sw	13.435720506 MHz
T1	-	1	1.959383 GHz	15.39 dBm	Occ Sw Control	1.959383 GHz
T2	-	1	1.959383 GHz	15.39 dBm	Occ Sw Control	1.959383 GHz

TM1.1, 15 MHz, high channel



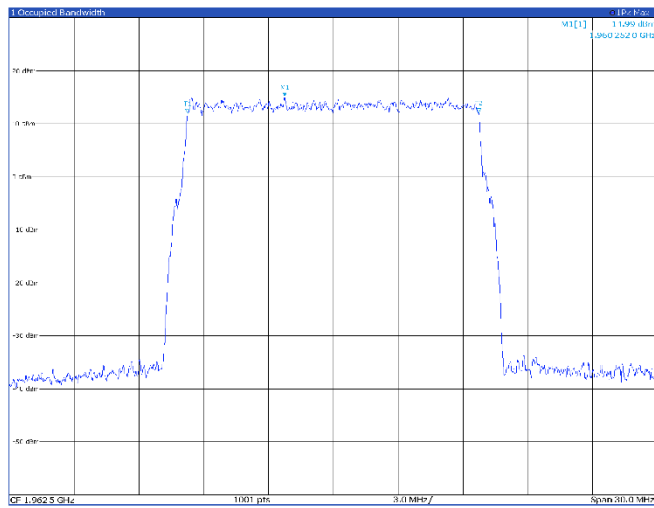
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.991786 GHz	15.05 dBm	Occ Sw	13.435059485 MHz
T1	-	1	1.991786 GHz	15.05 dBm	Occ Sw Control	1.991786 GHz
T2	-	1	1.991786 GHz	15.05 dBm	Occ Sw Control	1.991786 GHz

TM3p1, 15 MHz, low channel



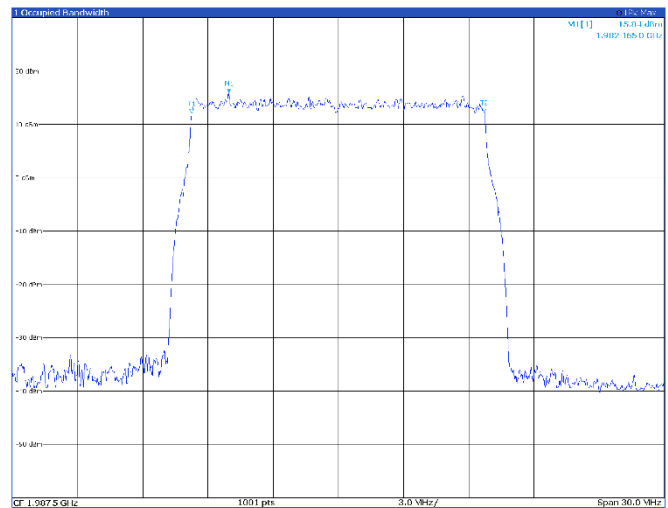
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.942385 GHz	14.71 dBm	Occ Sw	13.44979055 MHz
T1	-	1	1.942385 GHz	14.71 dBm	Occ Sw Control	1.942385 GHz
T2	-	1	1.942385 GHz	14.71 dBm	Occ Sw Control	1.942385 GHz

TM3p1, 15 MHz, mid channel



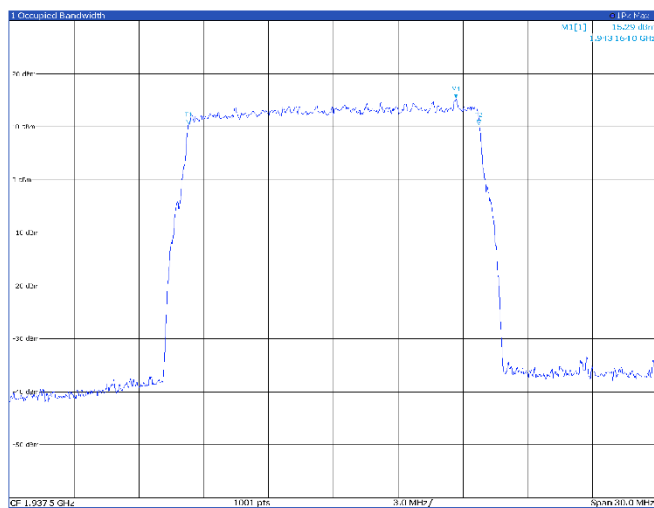
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.960 252 GHz	14.99 dBm	Occ SW	13.465 224 863 MHz
M1	1		1.955 750 GHz	11.74 dBm	Occ SW Control	1.962 400 7 GHz
M2	1		1.960 252 GHz	15.99 dBm	Occ SW -100 dBm	1.962 400 7 GHz

TM3p1, 15 MHz, high channel



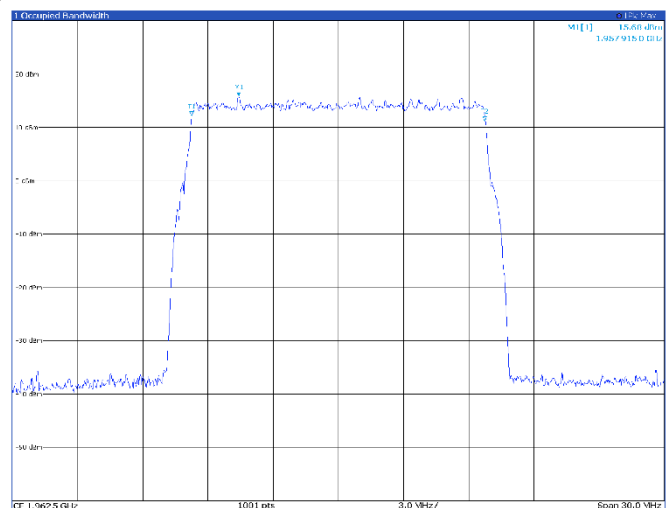
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.962 465 GHz	15.84 dBm	Occ SW	13.458 127 064 MHz
M1	1		1.957 750 GHz	12.61 dBm	Occ SW Control	1.962 400 7 GHz
M2	1		1.962 465 GHz	15.84 dBm	Occ SW -100 dBm	1.962 400 7 GHz

TM3p1a, 15 MHz, low channel



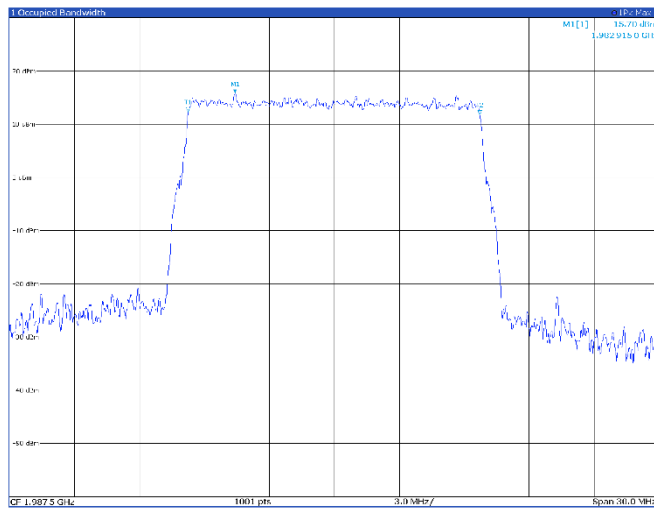
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.943 164 GHz	15.29 dBm	Occ SW	13.445 545 673 MHz
M1	1		1.937 750 GHz	10.43 dBm	Occ SW Control	1.942 400 7 GHz
M2	1		1.943 164 GHz	15.29 dBm	Occ SW -100 dBm	1.942 400 7 GHz

TM3p1a, 15 MHz, mid channel



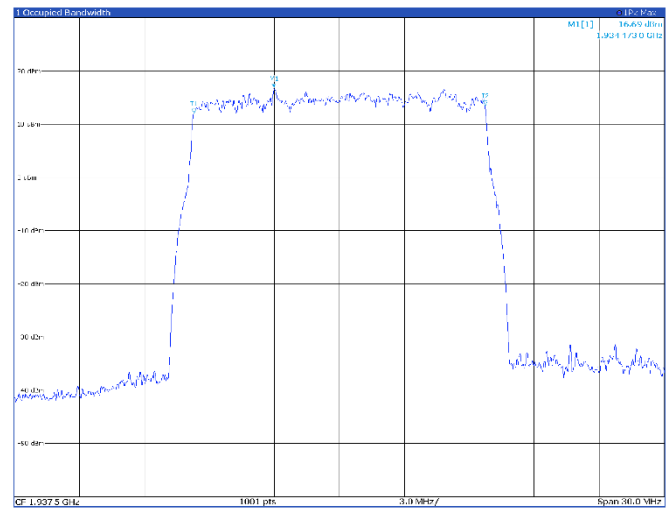
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.962 915 GHz	15.68 dBm	Occ SW	13.478 432 905 MHz
M1	1		1.957 750 GHz	12.61 dBm	Occ SW Control	1.962 400 7 GHz
M2	1		1.962 915 GHz	15.68 dBm	Occ SW -100 dBm	1.962 400 7 GHz

TM3p1a, 15 MHz, high channel



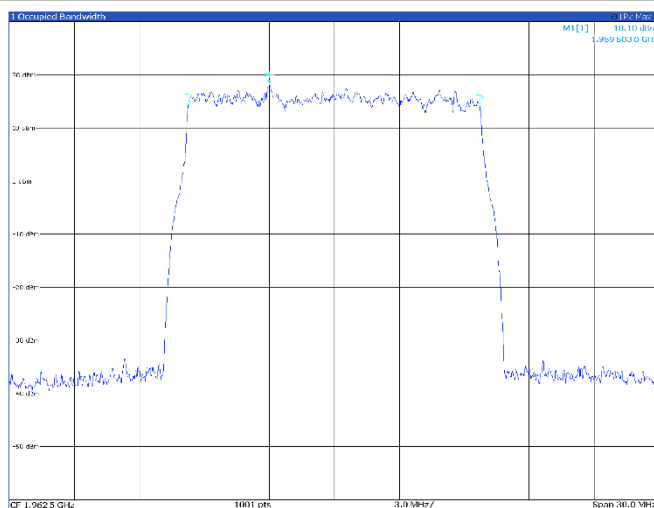
Marker	Ref	Freq	Value	Unit	Function	Function Result
1	1	1.982915 GHz	15.70 dBm	dBm	Occ. BW	13.472912505 MHz
2	1	1.982915 GHz	12.25 dBm	dBm	Occ. BW	1.982915 GHz

TM3p3, 15 MHz, low channel



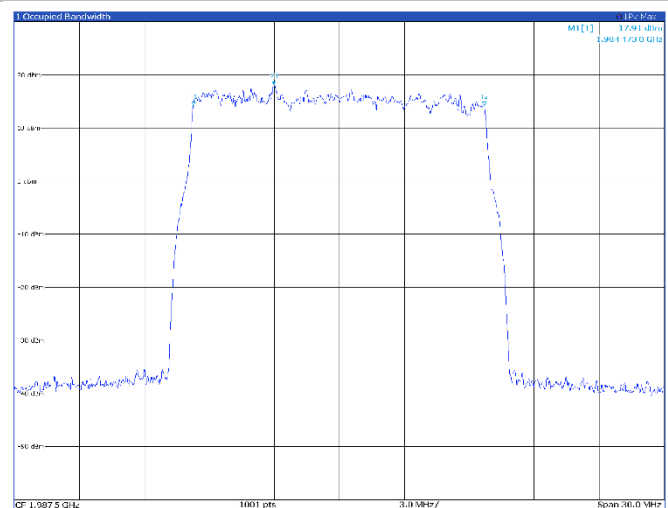
Marker	Ref	Freq	Value	Unit	Function	Function Result
1	1	1.934473 GHz	16.69 dBm	dBm	Occ. BW	13.43051879 MHz
2	1	1.934473 GHz	12.60 dBm	dBm	Occ. BW	1.934473 GHz

TM3p3, 15 MHz, mid channel



Marker	Ref	Freq	Value	Unit	Function	Function Result
1	1	1.999503 GHz	18.10 dBm	dBm	Occ. BW	13.450225025 MHz
2	1	1.999503 GHz	14.17 dBm	dBm	Occ. BW	1.999503 GHz

TM3p3, 15 MHz, high channel

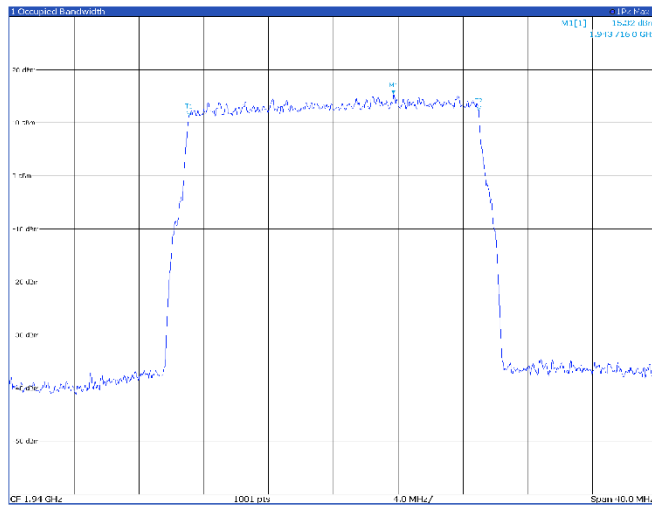


Marker	Ref	Freq	Value	Unit	Function	Function Result
1	1	1.984473 GHz	17.91 dBm	dBm	Occ. BW	13.438230561 MHz
2	1	1.984473 GHz	14.05 dBm	dBm	Occ. BW	1.984473 GHz

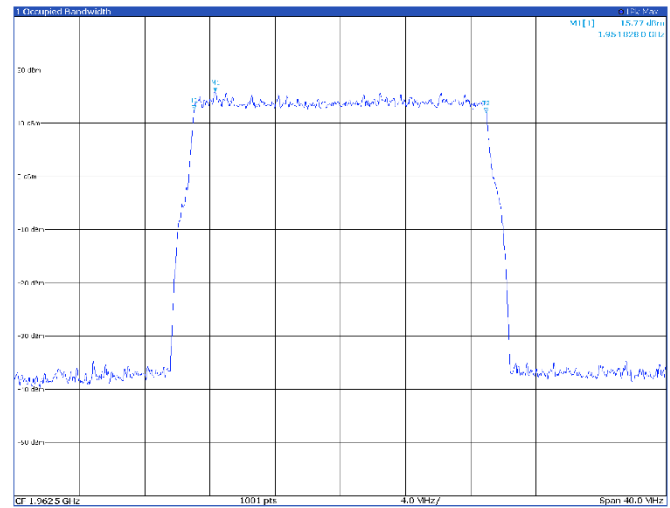
Band B25

20 MHz

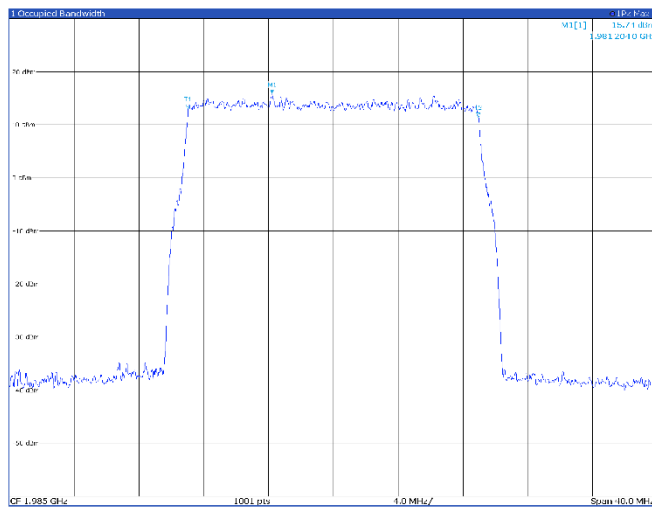
TM1.1, 20 MHz, low channel



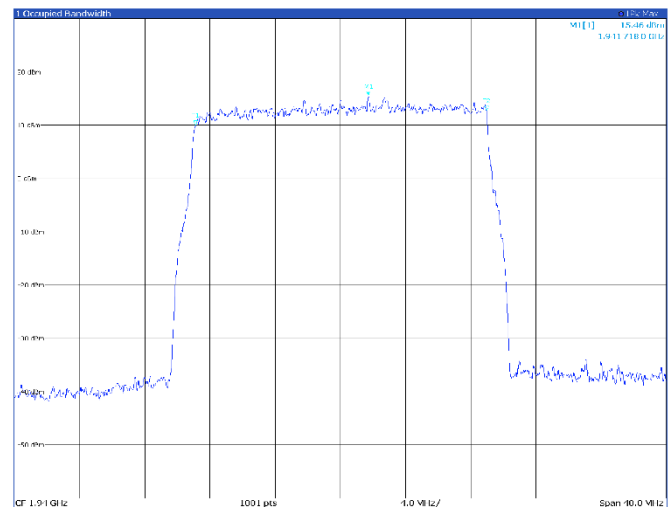
TM1.1, 20 MHz, mid channel



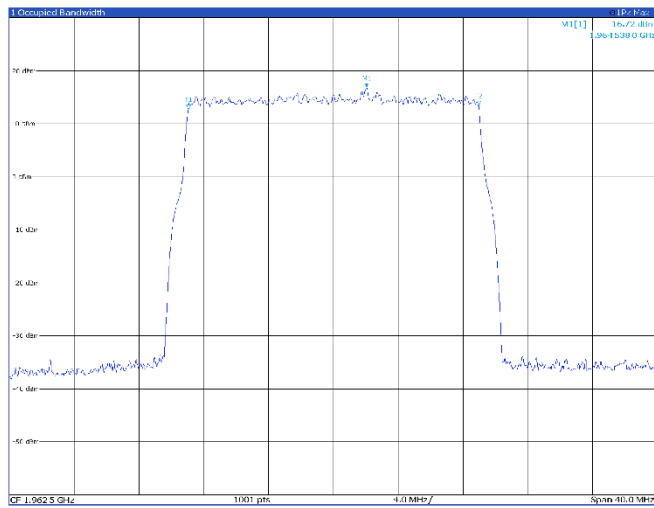
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

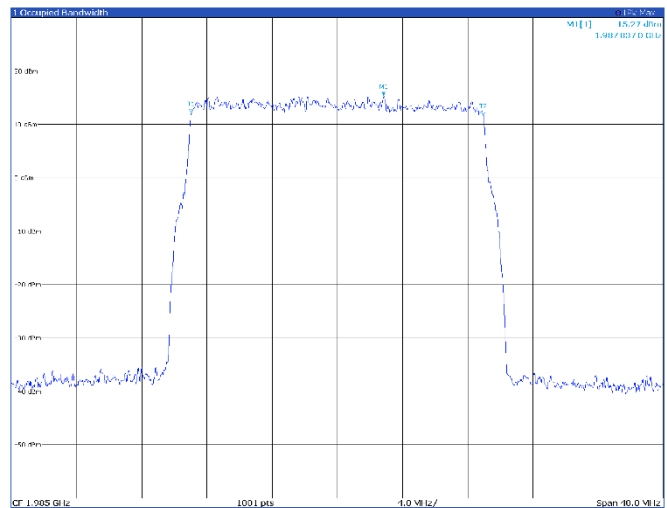


TM3p1, 20 MHz, mid channel



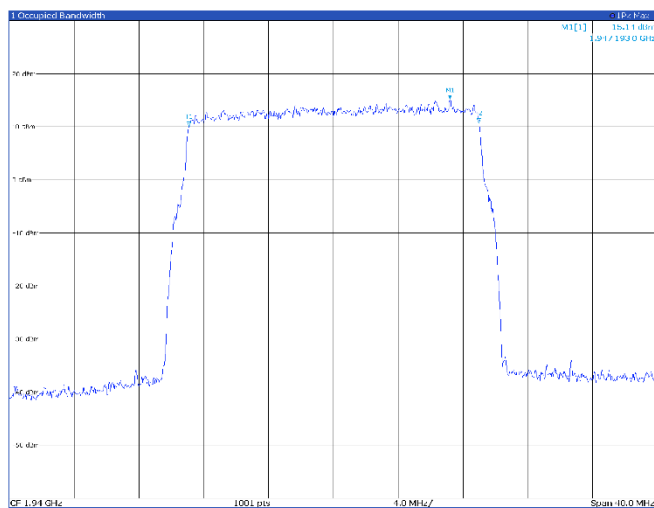
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.964538 GHz	16.72 dBm	Occ 5w	17.926569323 MHz
T1	1		1.9625424 GHz	16.67 dBm	Occ 5w Centroid	1.9625424 GHz
T2	1		1.9773849 GHz	16.67 dBm	Occ 5w Centroid	1.9773849 GHz

TM3p1, 20 MHz, high channel



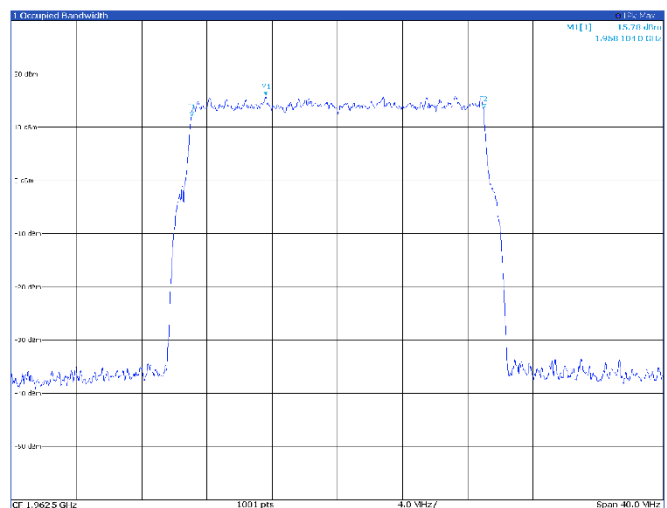
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.987837 GHz	15.27 dBm	Occ 5w	17.895382766 MHz
T1	1		1.976009 GHz	12.07 dBm	Occ 5w Centroid	1.976009 GHz
T2	1		1.997926 GHz	12.07 dBm	Occ 5w Centroid	1.997926 GHz

TM3p1a, 20 MHz, low channel



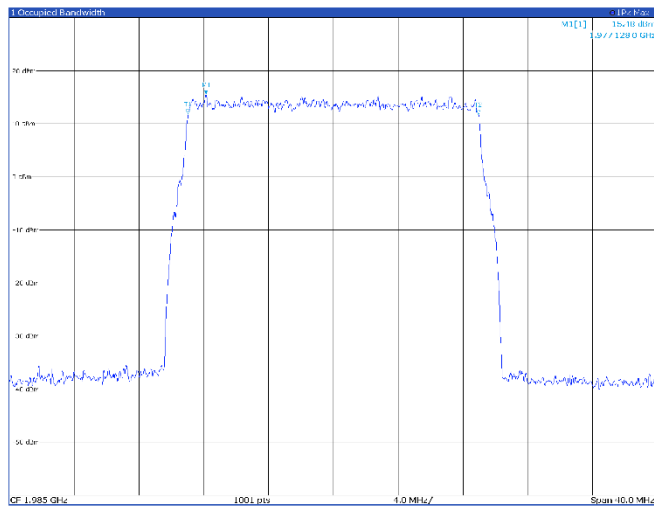
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.947193 GHz	15.14 dBm	Occ 5w	17.894196643 MHz
T1	1		1.9310907 GHz	10.00 dBm	Occ 5w Centroid	1.9310907 GHz
T2	1		1.9639449 GHz	10.00 dBm	Occ 5w Centroid	1.9639449 GHz

TM3p1a, 20 MHz, mid channel



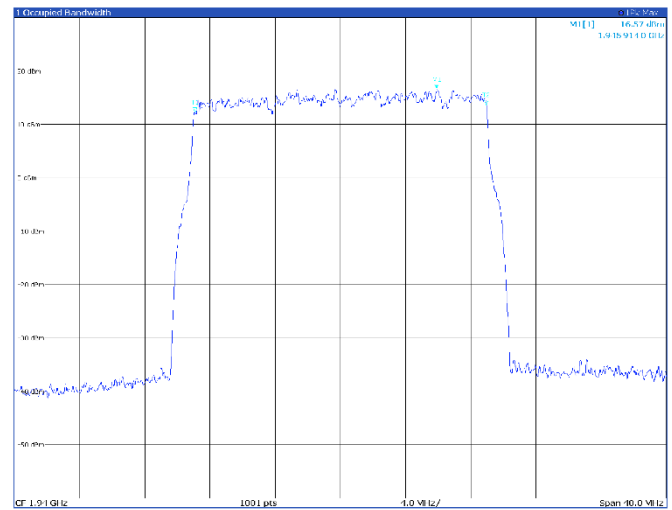
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.958104 GHz	15.78 dBm	Occ 5w	17.918261655 MHz
T1	1		1.933915 GHz	12.05 dBm	Occ 5w Centroid	1.933915 GHz
T2	1		1.9714532 GHz	12.05 dBm	Occ 5w Centroid	1.9714532 GHz

TM3p1a, 20 MHz, high channel



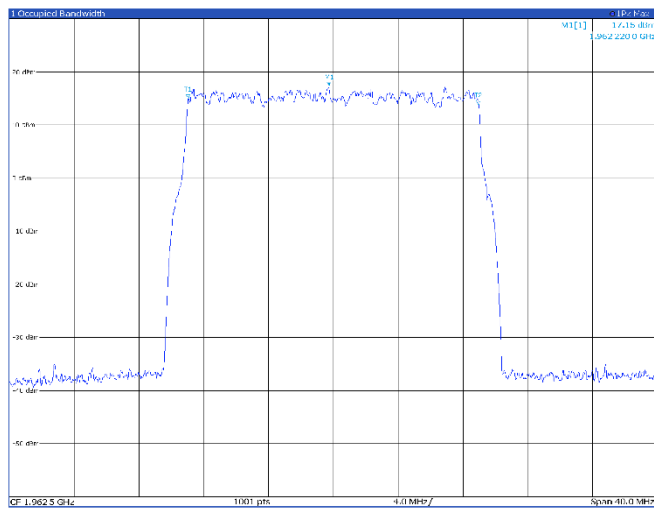
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.977128 GHz	15.48 dBm	Occ Sw	17.918330 299 MHz
M2	1		1.976001 GHz	11.02 dBm	Occ Sw Channel	1.976001 001 GHz
M3	1		1.978046 GHz	11.02 dBm	Occ Sw Channel	1.978046 001 GHz

TM3p3, 20 MHz, low channel



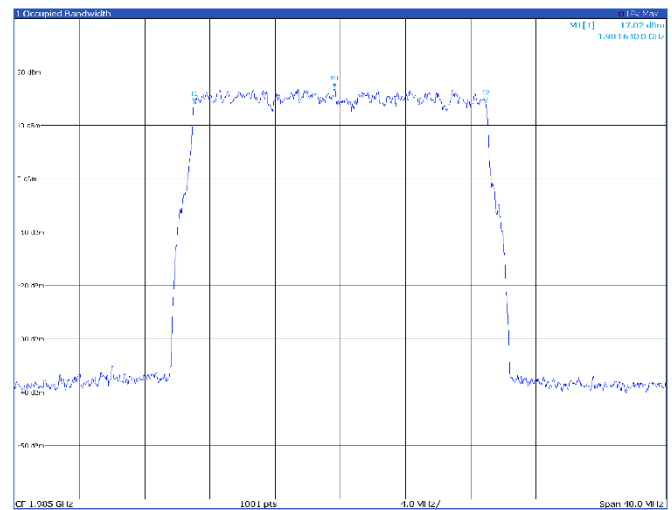
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.945914 GHz	16.57 dBm	Occ Sw	17.864269 085 MHz
M2	1		1.931076 GHz	12.21 dBm	Occ Sw Channel	1.931076 001 GHz
M3	1		1.940349 GHz	12.21 dBm	Occ Sw Channel	1.940349 001 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.96222 GHz	17.15 dBm	Occ Sw	17.907202 701 MHz
M2	1		1.96055 GHz	14.04 dBm	Occ Sw Channel	1.96055 001 GHz
M3	1		1.96389 GHz	14.04 dBm	Occ Sw Channel	1.96389 001 GHz

TM3p3, 20 MHz, high channel



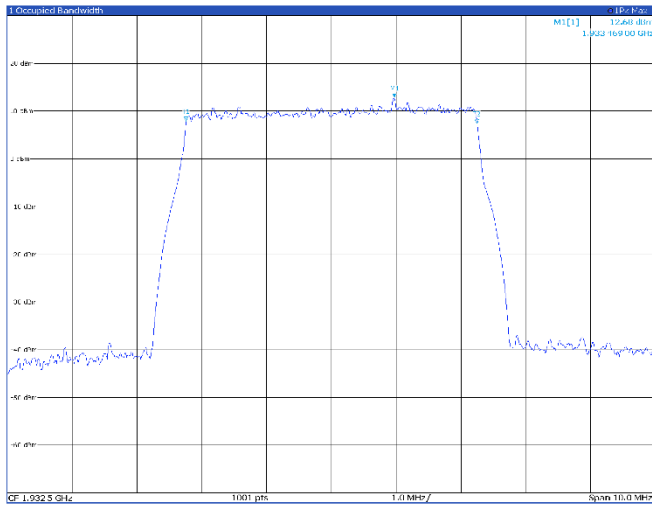
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.98464 GHz	17.02 dBm	Occ Sw	17.904117 379 MHz
M2	1		1.975007 GHz	14.02 dBm	Occ Sw Channel	1.975007 001 GHz
M3	1		1.993923 GHz	14.02 dBm	Occ Sw Channel	1.993923 001 GHz

Antenna port 2

Band B25

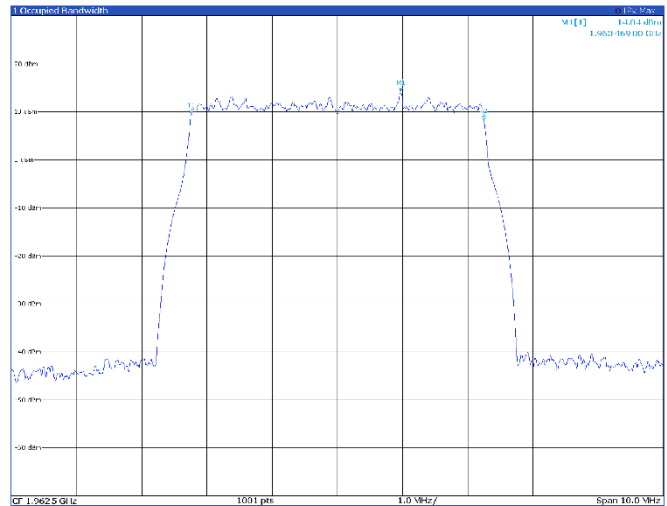
5 MHz

TM1.1, 5 MHz, low channel



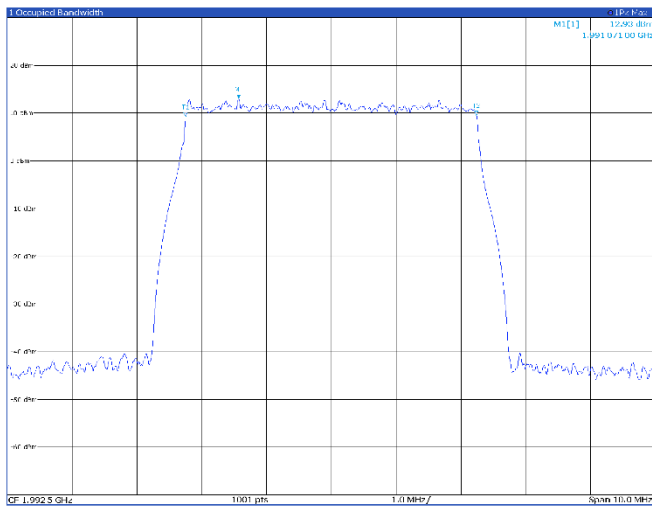
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.993 469 GHz	12.68 dBm	Doc SW	4.488 558 719 MHz
M1	1		1.992 2570 GHz	7.04 dBm	Doc SW Control	1.992 552 136 GHz
M2	1		1.993 469 GHz	7.04 dBm	Doc SW Integ Filter	2.000 111 722 GHz

TM1.1, 5 MHz, mid channel



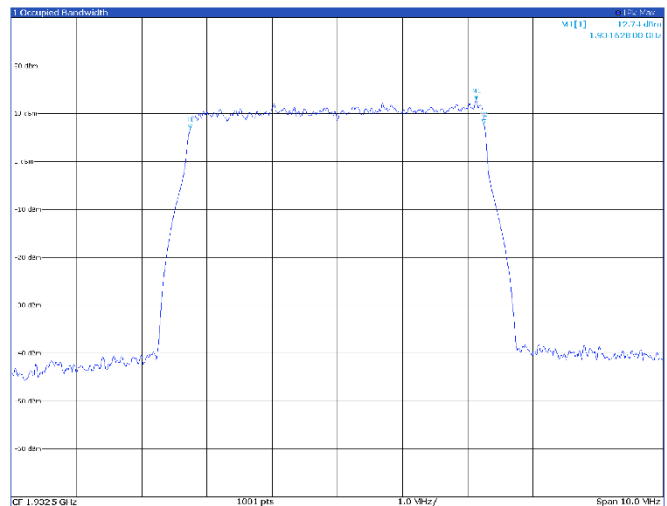
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.993 469 GHz	14.04 dBm	Doc SW	4.489 741 229 MHz
M1	1		1.992 253 GHz	9.13 dBm	Doc SW Control	1.992 557 903 GHz
M2	1		1.993 469 GHz	9.13 dBm	Doc SW Integ Filter	2.000 111 722 GHz

TM1.1, 5 MHz, high channel



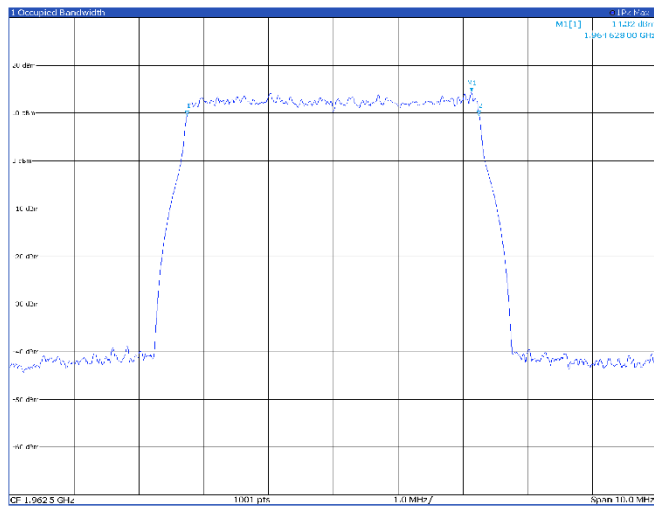
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.991 071 GHz	12.93 dBm	Doc SW	4.488 329 168 MHz
M1	1		1.992 259 GHz	9.21 dBm	Doc SW Control	1.992 492 150 GHz
M2	1		1.991 071 GHz	4.41 dBm	Doc SW Integ Filter	2.000 111 722 GHz

TM3p1, 5 MHz, low channel



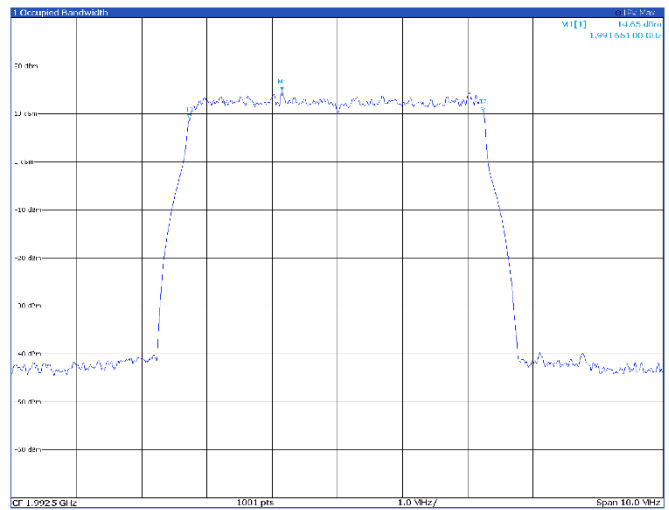
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.994 928 GHz	12.74 dBm	Doc SW	4.501 700 635 MHz
M1	1		1.992 262 GHz	6.71 dBm	Doc SW Control	1.992 552 011 GHz
M2	1		1.994 928 GHz	7.72 dBm	Doc SW Integ Filter	2.000 111 722 GHz

TM3p1, 5 MHz, mid channel



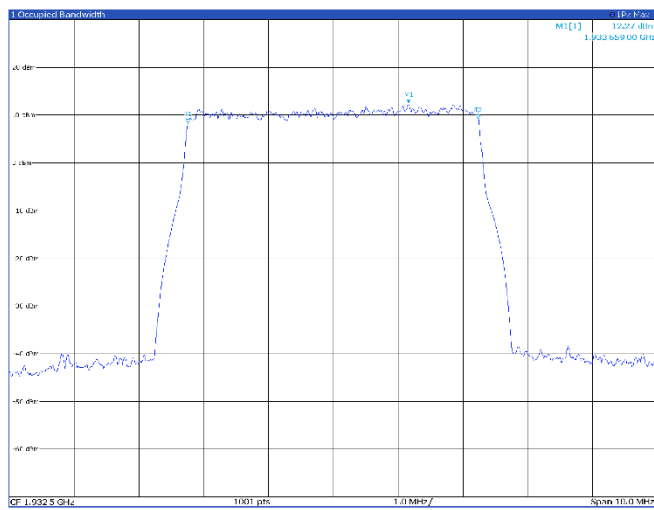
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.964628 GHz	14.32 dBm	Occ Sw	4.505857939 MHz
P1	1		1.964628 GHz	9.31 dBm	Occ Sw Control	1.962494247 GHz
P2	1		1.964628 GHz	9.31 dBm	Occ Sw Control	1.962494247 GHz

TM3p1, 5 MHz, high channel



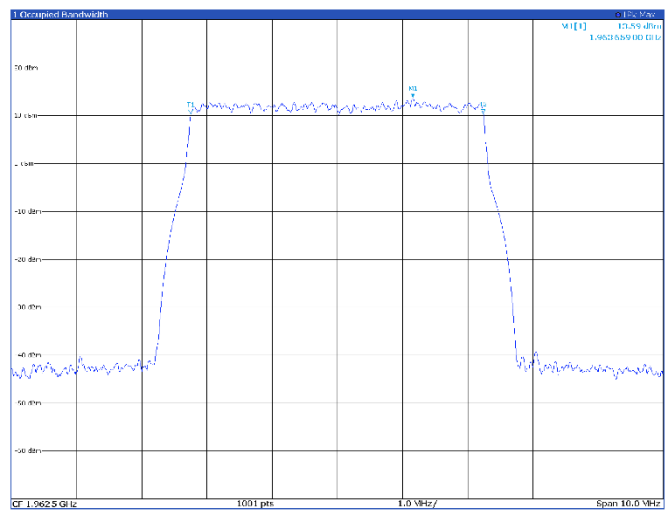
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.991651 GHz	14.65 dBm	Occ Sw	4.505241425 MHz
P1	1		1.991651 GHz	9.67 dBm	Occ Sw Control	1.992485023 GHz
P2	1		1.991651 GHz	9.67 dBm	Occ Sw Control	1.992485023 GHz

TM3p1a, 5 MHz, low channel

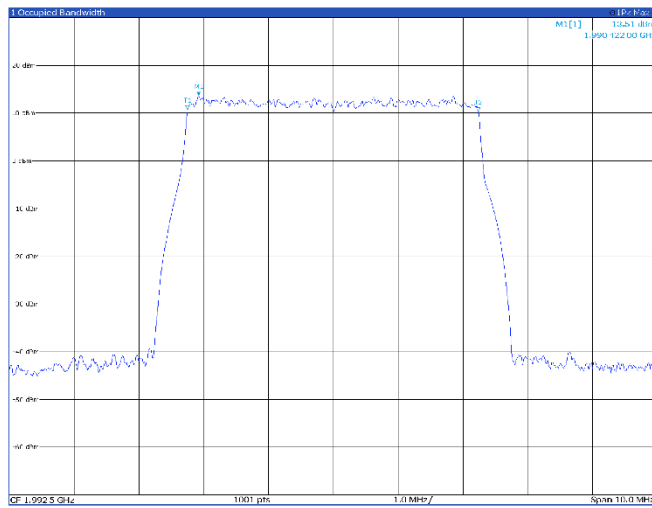


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.933659 GHz	12.27 dBm	Occ Sw	4.484098994 MHz
P1	1		1.933659 GHz	8.17 dBm	Occ Sw Control	1.932494247 GHz
P2	1		1.933659 GHz	8.17 dBm	Occ Sw Control	1.932494247 GHz

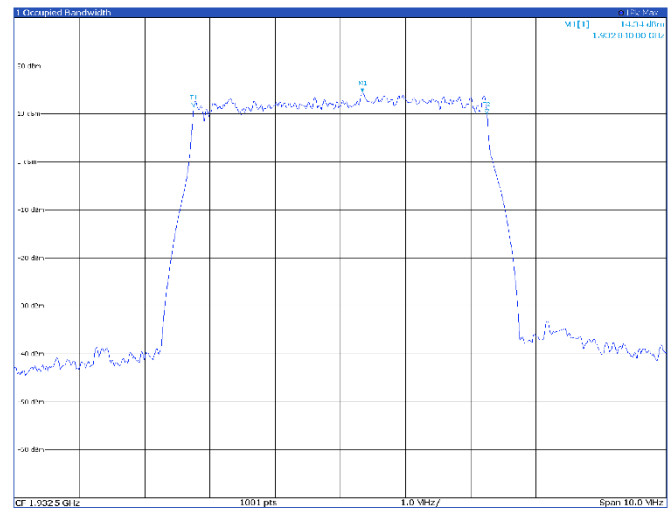
TM3p1a, 5 MHz, mid channel



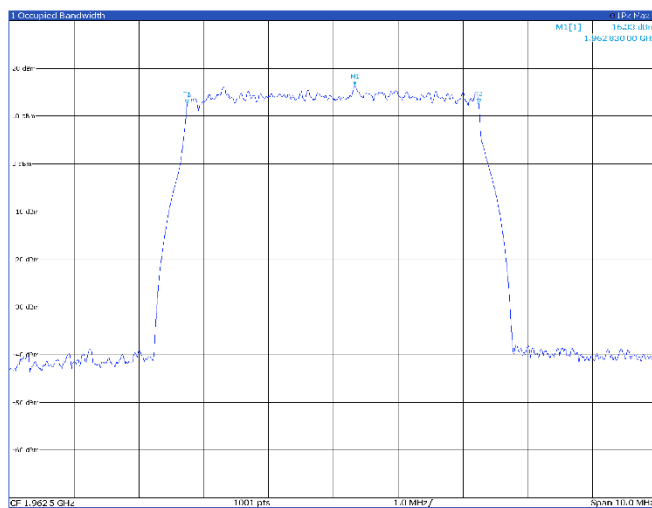
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.963659 GHz	13.59 dBm	Occ Sw	4.48572736 MHz
P1	1		1.963659 GHz	10.33 dBm	Occ Sw Control	1.962494247 GHz
P2	1		1.963659 GHz	10.33 dBm	Occ Sw Control	1.962494247 GHz

TM3p1a, 5 MHz, high channel


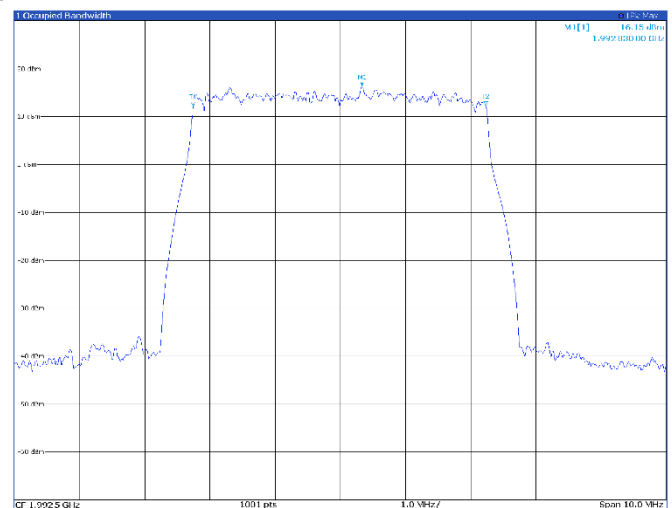
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.990422 GHz	13.51 dBm	Occ Sw	4.4849382 MHz
F1	1		1.990422 GHz	10.57 dBm	Occ Sw Channel	1.9924912 GHz
F2	1		1.990422 GHz	10.57 dBm	Occ Sw Channel	1.9924912 GHz

TM3p3, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.99284 GHz	14.34 dBm	Occ Sw	4.493497883 MHz
F1	1		1.99284 GHz	11.39 dBm	Occ Sw Channel	1.993496952 GHz
F2	1		1.99284 GHz	11.39 dBm	Occ Sw Channel	1.993496952 GHz

TM3p3, 5 MHz, mid channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.99283 GHz	16.33 dBm	Occ Sw	4.499740236 MHz
F1	1		1.99283 GHz	14.32 dBm	Occ Sw Channel	1.9924912 GHz
F2	1		1.99283 GHz	14.32 dBm	Occ Sw Channel	1.9924912 GHz

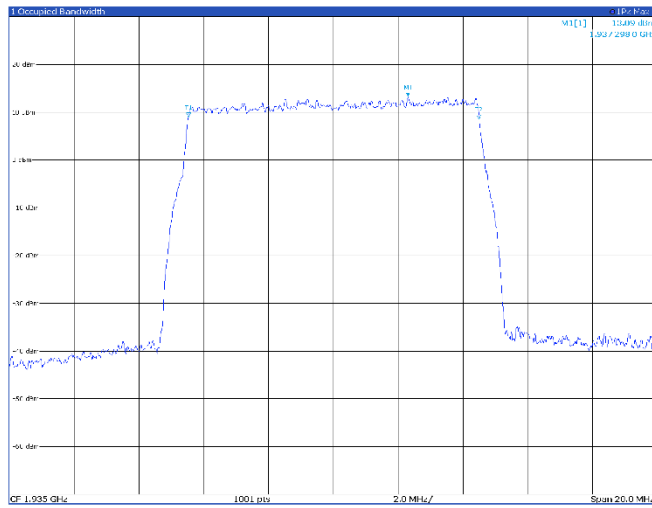
TM3p3, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.99283 GHz	16.15 dBm	Occ Sw	4.487862862 MHz
F1	1		1.99283 GHz	14.13 dBm	Occ Sw Channel	1.9924912 GHz
F2	1		1.99283 GHz	14.13 dBm	Occ Sw Channel	1.9924912 GHz

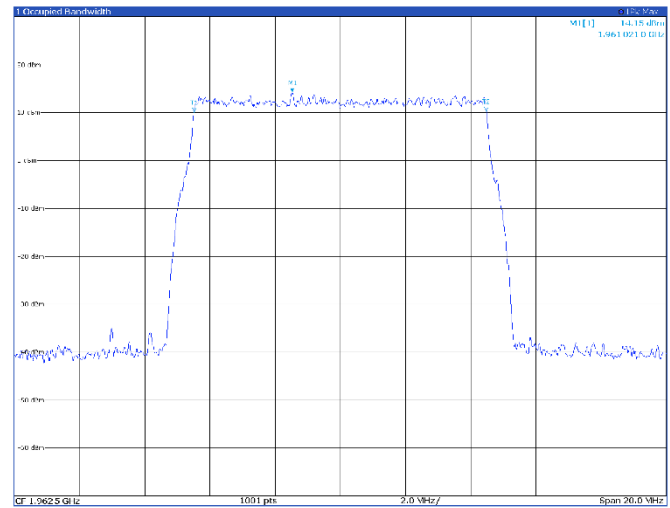
Band B25

10 MHz

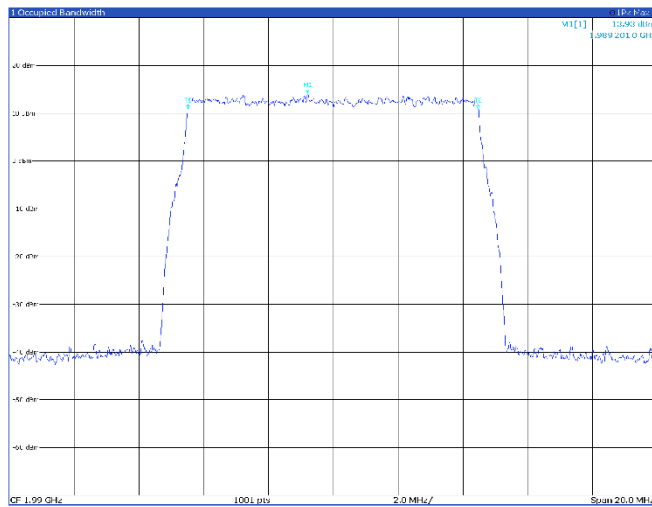
TM1.1, 10 MHz, low channel



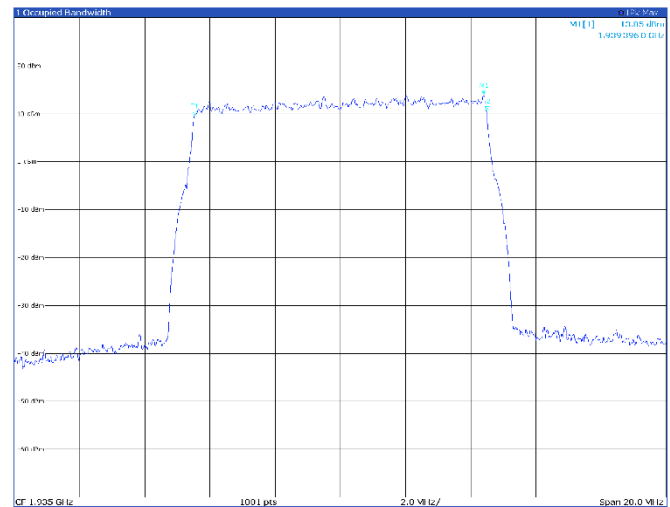
TM1.1, 10 MHz, mid channel



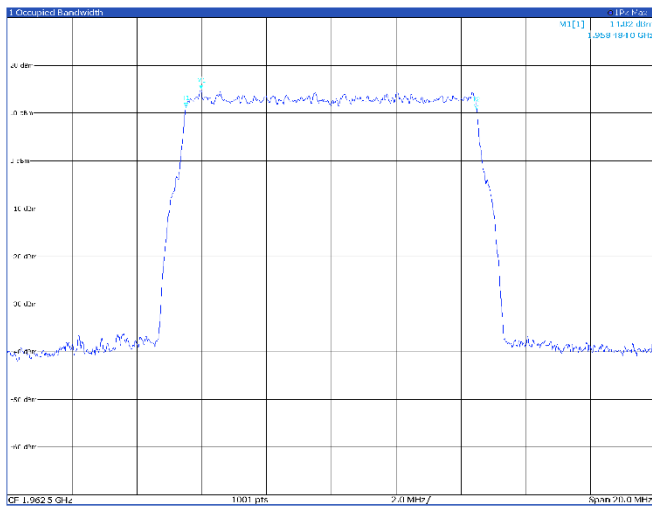
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

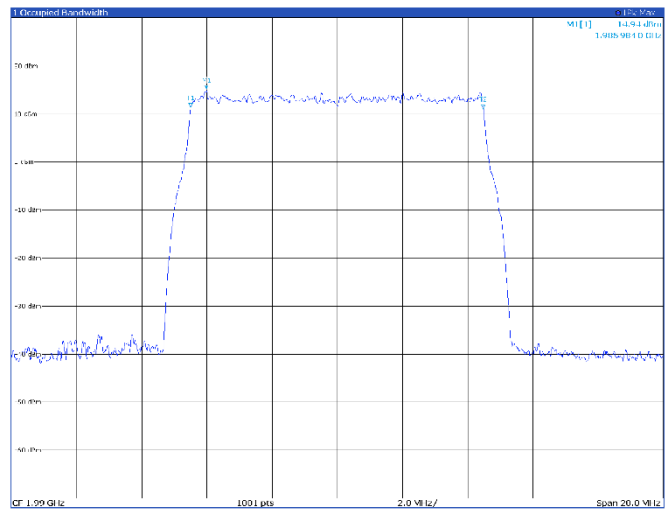


TM3p1, 10 MHz, mid channel



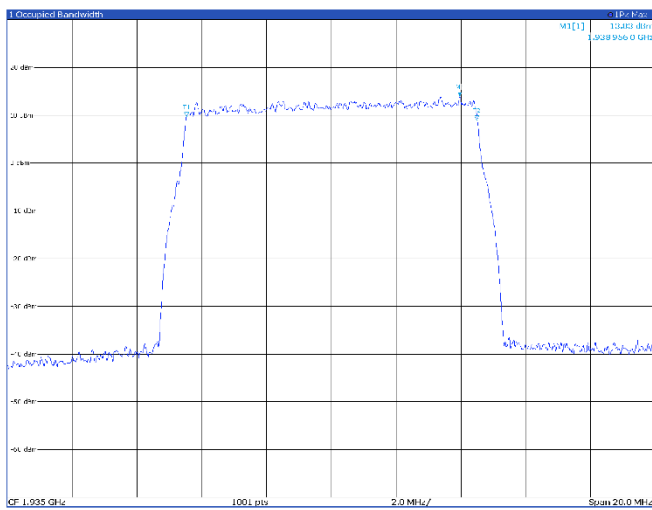
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.958 484 GHz	14.82 dBm	Occ Sw	8.968 508 388 MHz
P1	1		1.958 484 GHz	11.10 dBm	Occ Sw Channel	1.958 484 GHz
P1	1		1.958 484 GHz	10.91 dBm	Occ Sw Channel	1.958 484 GHz

TM3p1, 10 MHz, high channel



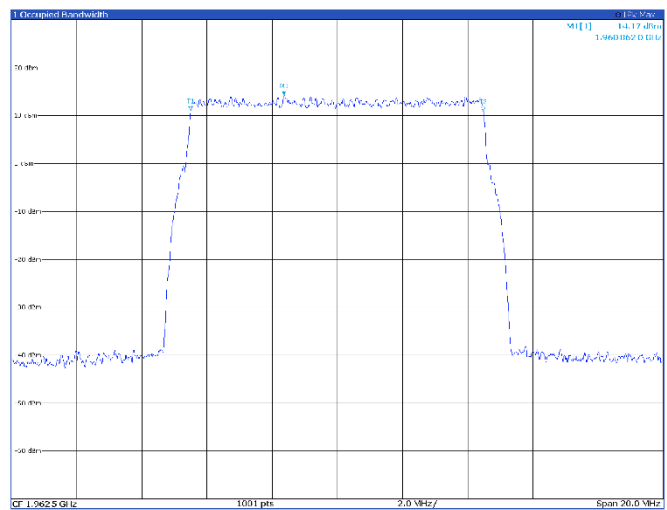
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.958 904 GHz	14.94 dBm	Occ Sw	8.969 750 743 MHz
P1	1		1.958 904 GHz	11.14 dBm	Occ Sw Channel	1.958 904 GHz
P1	1		1.958 904 GHz	10.91 dBm	Occ Sw Channel	1.958 904 GHz

TM3p1a, 10 MHz, low channel



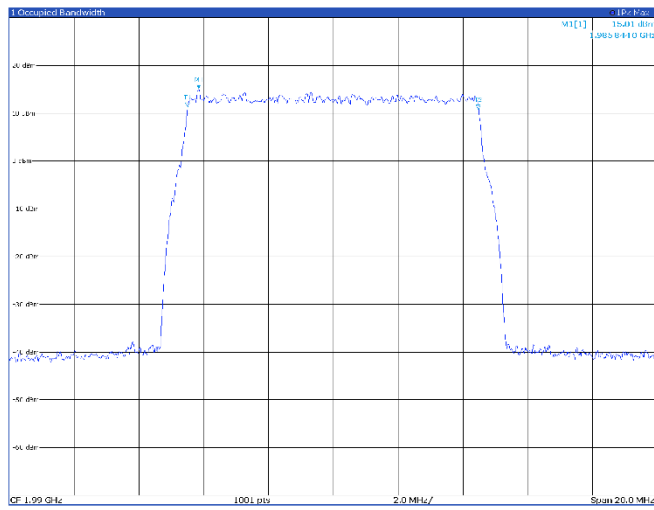
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.958 956 GHz	13.83 dBm	Occ Sw	8.961 632 66 MHz
P1	1		1.958 956 GHz	10.92 dBm	Occ Sw Channel	1.958 956 GHz
P1	1		1.958 956 GHz	10.91 dBm	Occ Sw Channel	1.958 956 GHz

TM3p1a, 10 MHz, mid channel



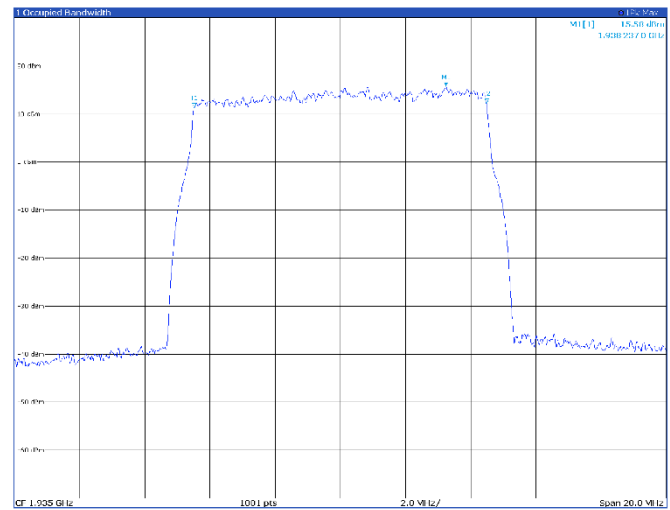
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.959 062 GHz	14.17 dBm	Occ Sw	8.966 198 MHz
P1	1		1.959 062 GHz	10.99 dBm	Occ Sw Channel	1.959 062 GHz
P1	1		1.959 062 GHz	10.91 dBm	Occ Sw Channel	1.959 062 GHz

TM3p1a, 10 MHz, high channel



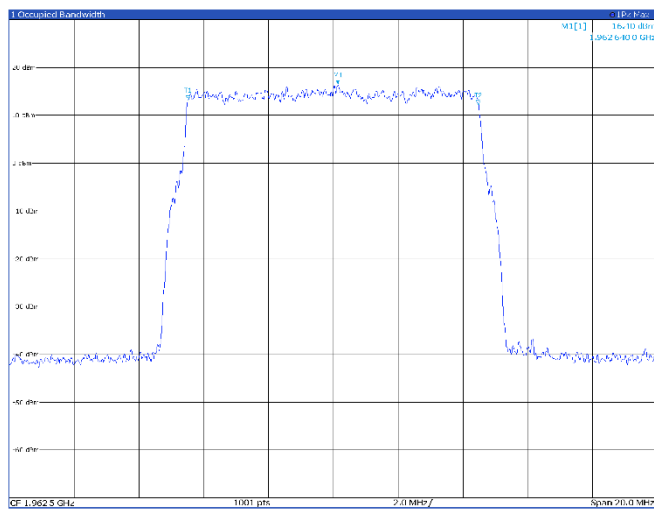
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.985844 GHz	15.01 dBm	Occ BW	8.981837687 MHz
P1	-	1	1.985844 GHz	11.24 dBm	Occ BW Channel	1.985844 GHz
P2	-	1	1.985844 GHz	10.01 dBm	Occ BW Channel	1.985844 GHz

TM3p3, 10 MHz, low channel



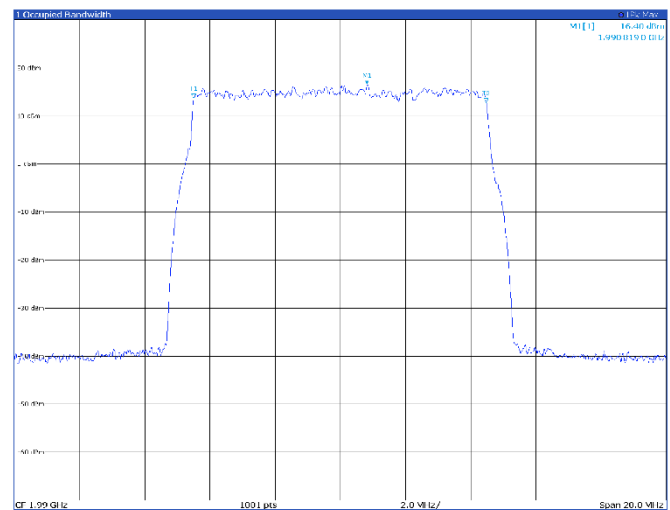
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.993237 GHz	15.58 dBm	Occ BW	8.964981205 MHz
P1	-	1	1.993237 GHz	11.24 dBm	Occ BW Channel	1.993237 GHz
P2	-	1	1.993237 GHz	10.01 dBm	Occ BW Channel	1.993237 GHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.992054 GHz	16.40 dBm	Occ BW	8.962054407 MHz
P1	-	1	1.992054 GHz	13.24 dBm	Occ BW Channel	1.992054 GHz
P2	-	1	1.992054 GHz	12.14 dBm	Occ BW Channel	1.992054 GHz

TM3p3, 10 MHz, high channel

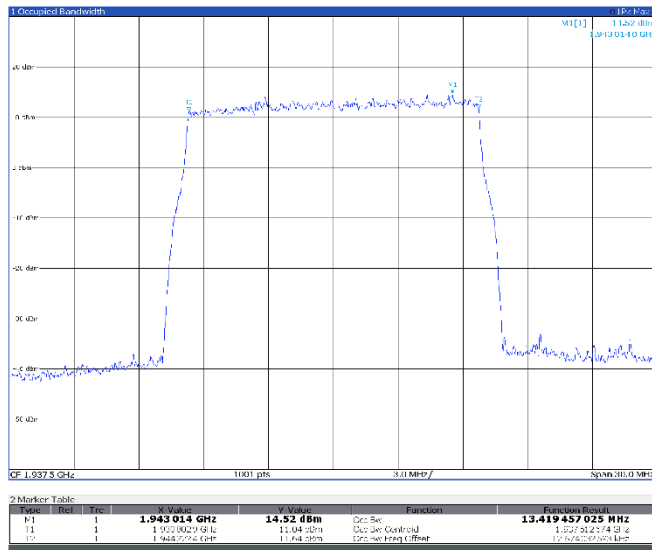


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.990819 GHz	16.40 dBm	Occ BW	8.970650363 MHz
P1	-	1	1.990819 GHz	13.24 dBm	Occ BW Channel	1.990819 GHz
P2	-	1	1.990819 GHz	12.14 dBm	Occ BW Channel	1.990819 GHz

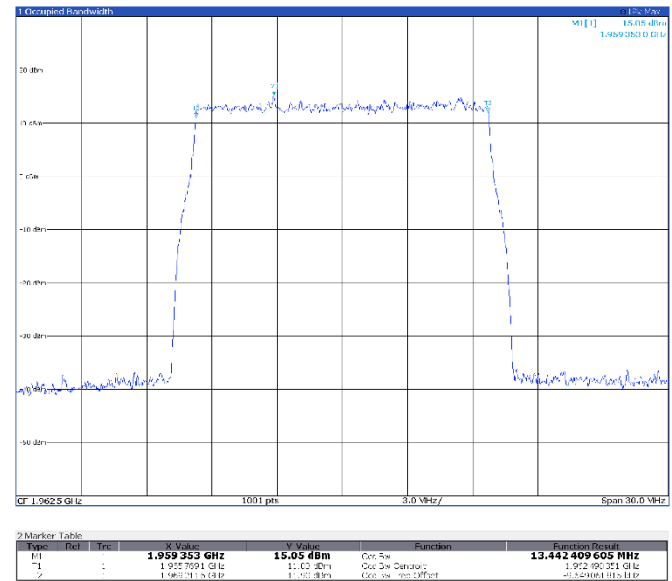
Band B25

15 MHz

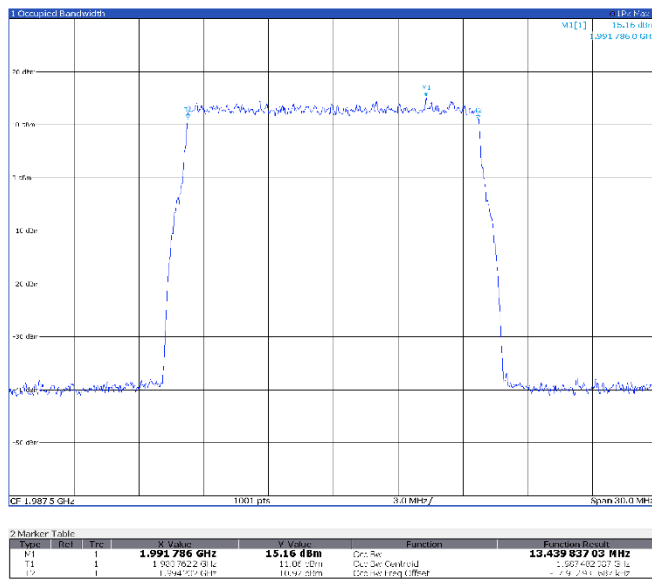
TM1.1, 15 MHz, low channel



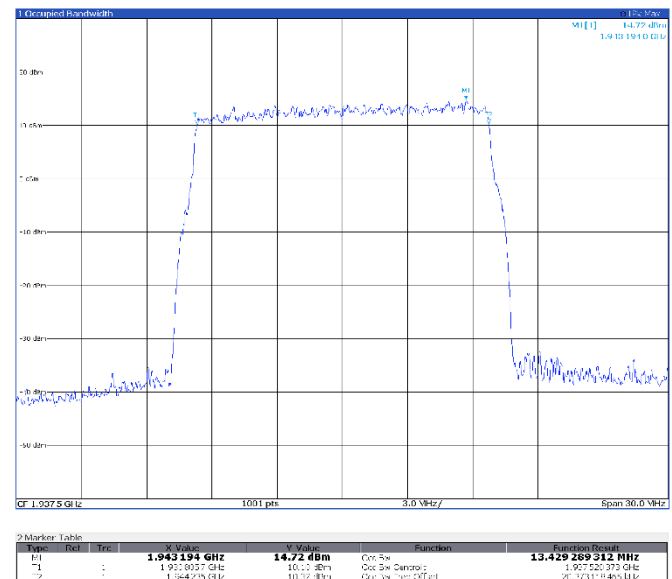
TM1.1, 15 MHz, mid channel



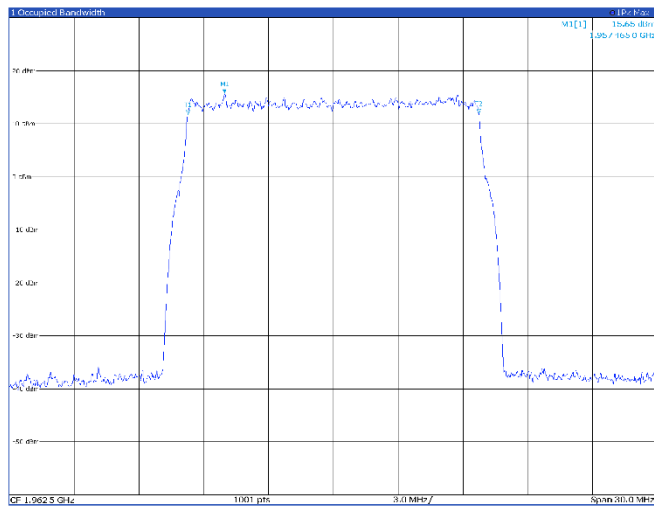
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

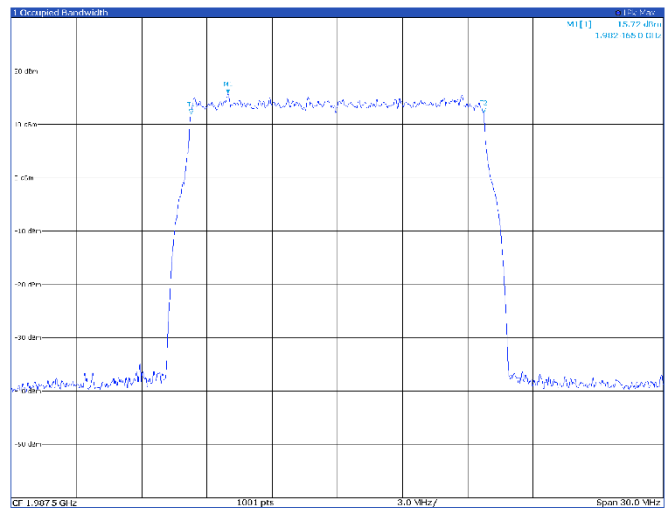


TM3p1, 15 MHz, mid channel



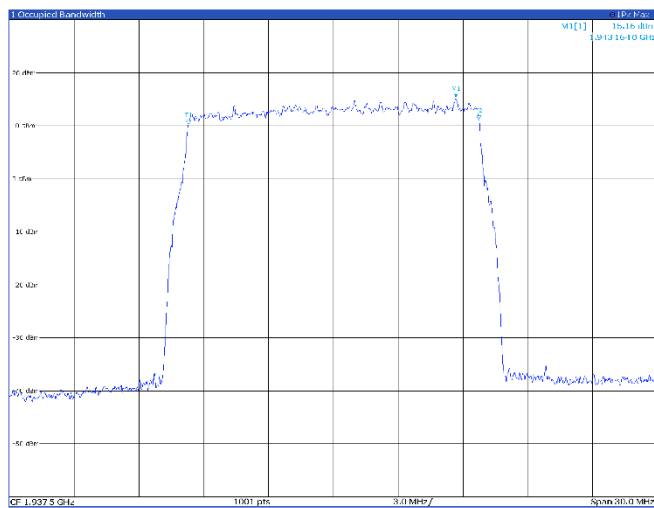
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.957 465 GHz	15.65 dBm	Occ BW	13.465 587 876 MHz
T1	1		1.957 752 GHz	11.72 dBm	Occ BW Control	1.957 465 700 GHz
T2	1		1.957 752 GHz	11.96 dBm	Occ BW Control	1.957 465 700 GHz

TM3p1, 15 MHz, high channel



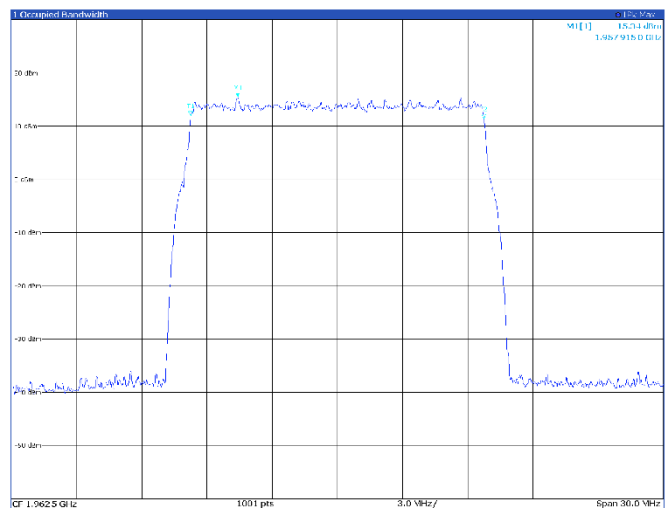
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.957 465 GHz	15.72 dBm	Occ BW	13.461 019 193 MHz
T1	1		1.957 752 GHz	11.92 dBm	Occ BW Control	1.957 465 700 GHz
T2	1		1.957 752 GHz	12.12 dBm	Occ BW Control	1.957 465 700 GHz

TM3p1a, 15 MHz, low channel



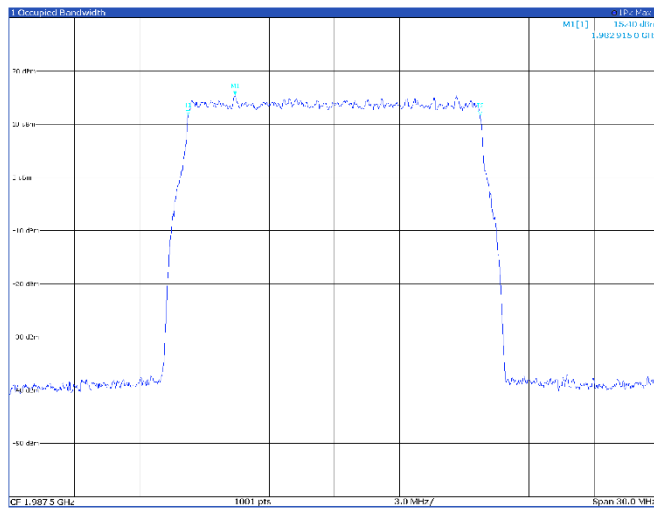
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.943 164 GHz	15.16 dBm	Occ BW	13.447 673 196 MHz
T1	1		1.957 752 GHz	10.20 dBm	Occ BW Control	1.957 513 21 GHz
T2	1		1.957 752 GHz	11.96 dBm	Occ BW Control	1.957 513 21 GHz

TM3p1a, 15 MHz, mid channel



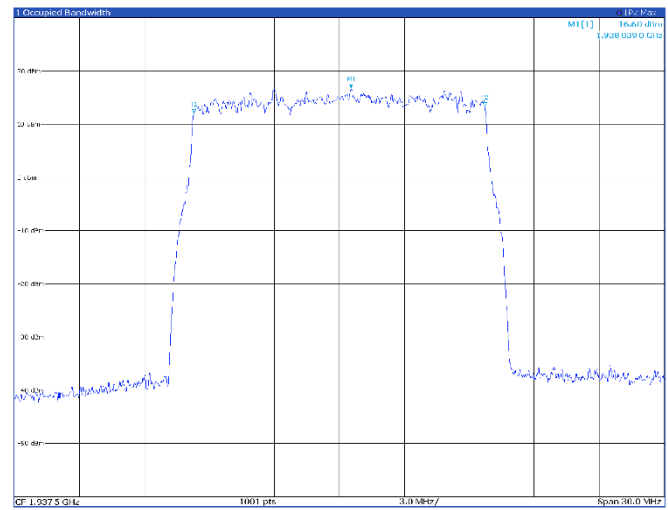
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.957 915 GHz	15.34 dBm	Occ BW	13.479 949 707 MHz
T1	1		1.957 752 GHz	11.92 dBm	Occ BW Control	1.957 465 700 GHz
T2	1		1.957 752 GHz	12.12 dBm	Occ BW Control	1.957 465 700 GHz

TM3p1a, 15 MHz, high channel



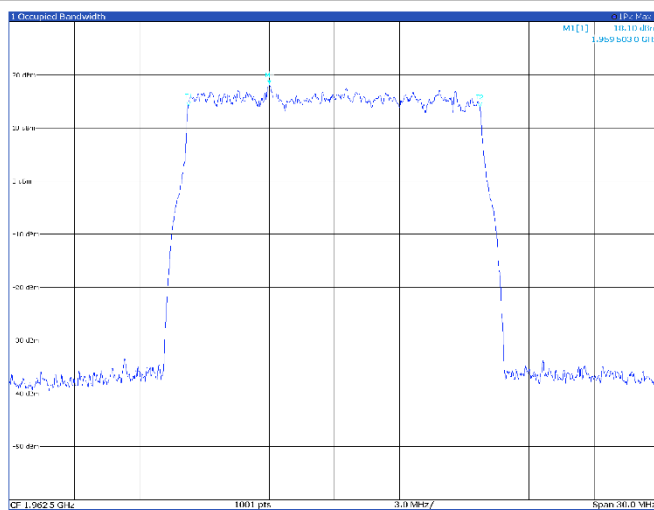
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.982915 GHz	15.40 dBm	Occ. BW	13.475149955 MHz
1	1	1	1.9807499 GHz	11.77 dBm	Occ. BW Channel	1.98740749 GHz
2	1	1	1.9842801 GHz	11.40 dBm	Occ. BW Channel	1.9822801 GHz

TM3p3, 15 MHz, low channel



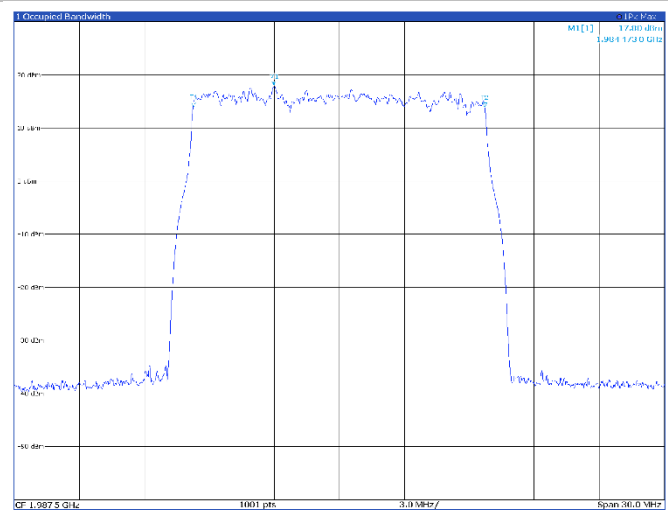
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.938039 GHz	16.60 dBm	Occ. BW	13.41765723 MHz
1	1	1	1.9365004 GHz	11.95 dBm	Occ. BW Channel	1.937510222 GHz
2	1	1	1.9394696 GHz	13.52 dBm	Occ. BW Channel	1.937910741 GHz

TM3p3, 15 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.989503 GHz	18.10 dBm	Occ. BW	13.459325025 MHz
1	1	1	1.9879644 GHz	14.57 dBm	Occ. BW Channel	1.988497999 GHz
2	1	1	1.9910356 GHz	13.55 dBm	Occ. BW Channel	1.989999999 GHz

TM3p3, 15 MHz, high channel

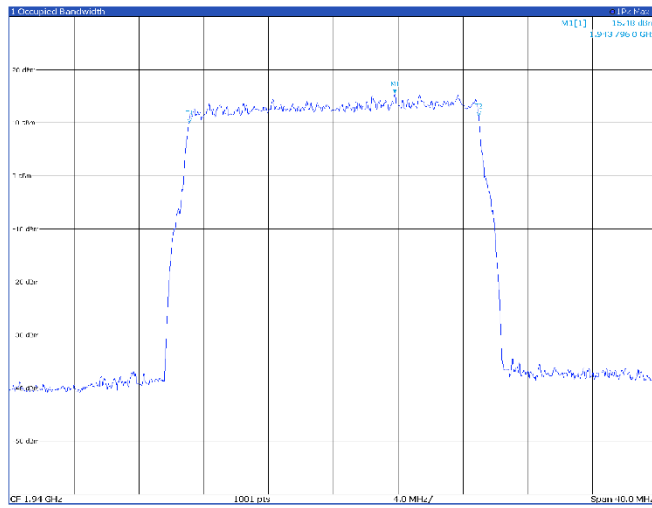


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.984473 GHz	17.80 dBm	Occ. BW	13.442674108 MHz
1	1	1	1.9830125 GHz	13.95 dBm	Occ. BW Channel	1.987102575 GHz
2	1	1	1.9859255 GHz	13.05 dBm	Occ. BW Channel	1.984246247 GHz

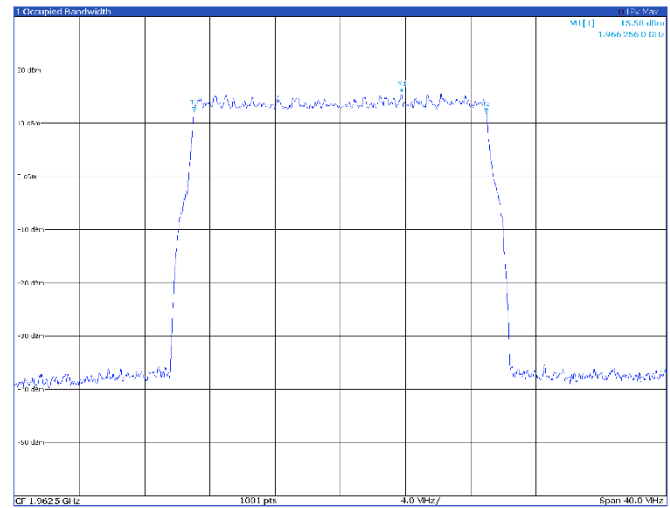
Band B25

20 MHz

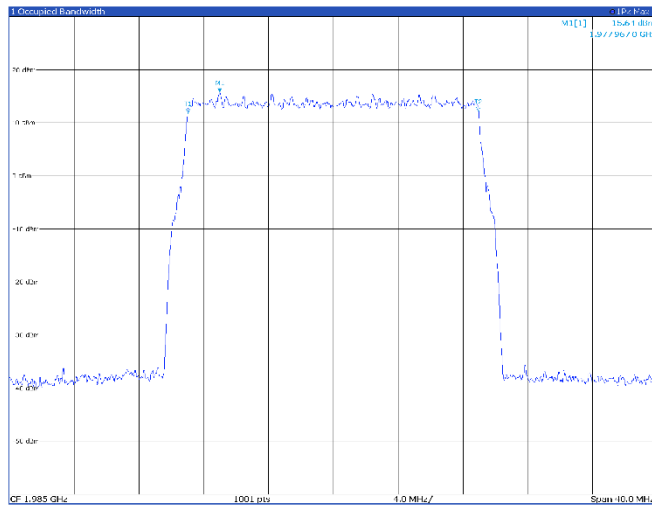
TM1.1, 20 MHz, low channel



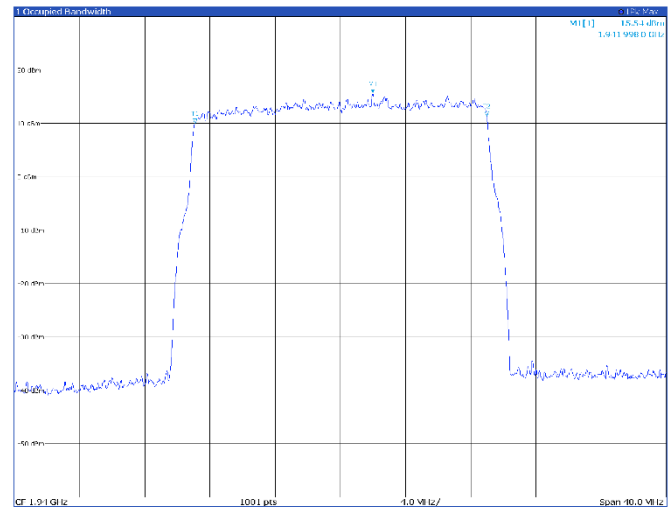
TM1.1, 20 MHz, mid channel



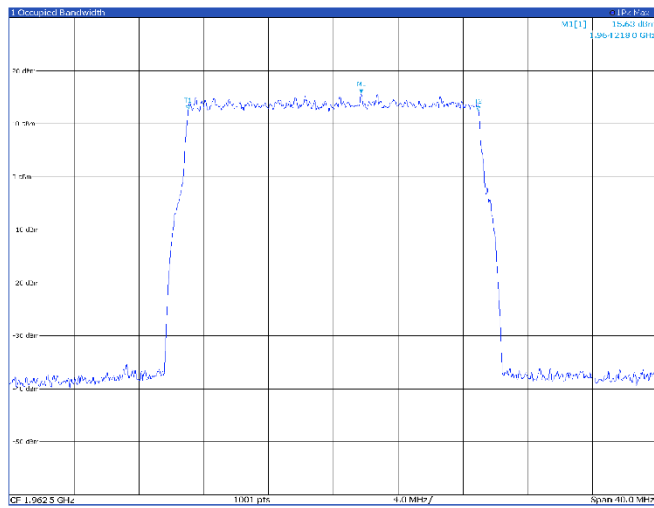
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

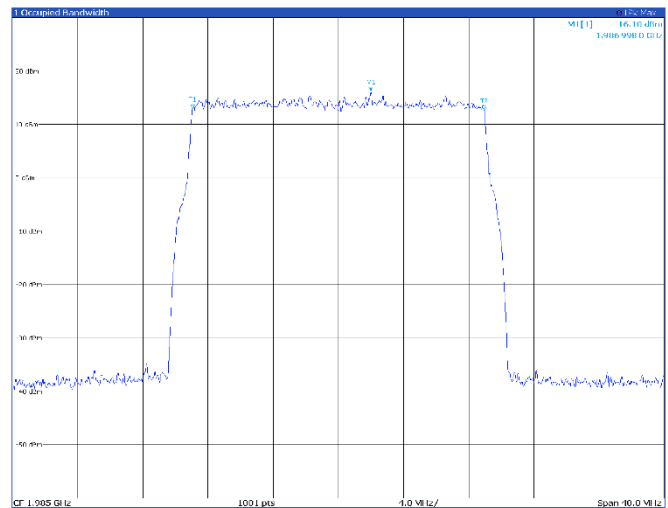


TM3p1, 20 MHz, mid channel



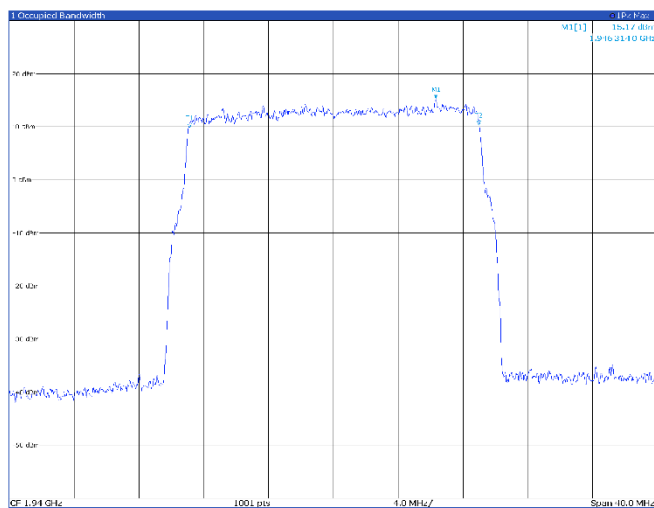
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.964 218 GHz	15.63 dBm	Off-Set	17.923 541 204 MHz
T1	1		1.953 5261 GHz	12.37 dBm	Occ-Sw Control	1.953 5261 GHz
T2	1		1.964 899 GHz	12.37 dBm	Occ-Sw Control	1.964 899 GHz

TM3p1, 20 MHz, high channel



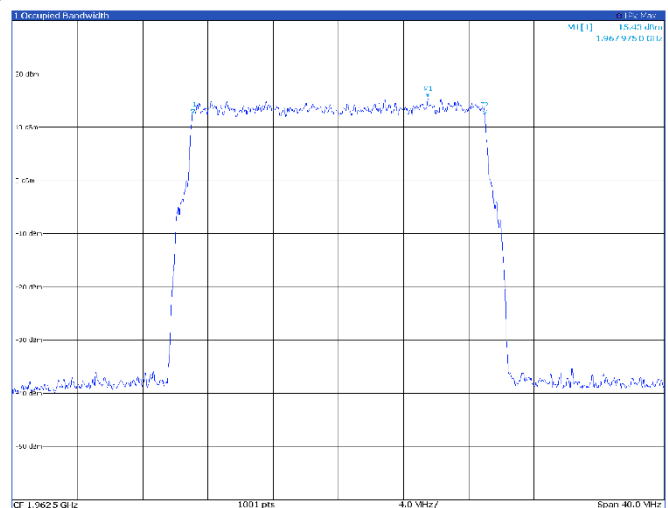
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.966 998 GHz	16.10 dBm	Off-Sw	17.901 727 942 MHz
T1	1		1.975 0997 GHz	12.02 dBm	Occ-Sw Control	1.975 0997 GHz
T2	1		1.961 943 GHz	12.02 dBm	Occ-Sw Control	1.961 943 GHz

TM3p1a, 20 MHz, low channel



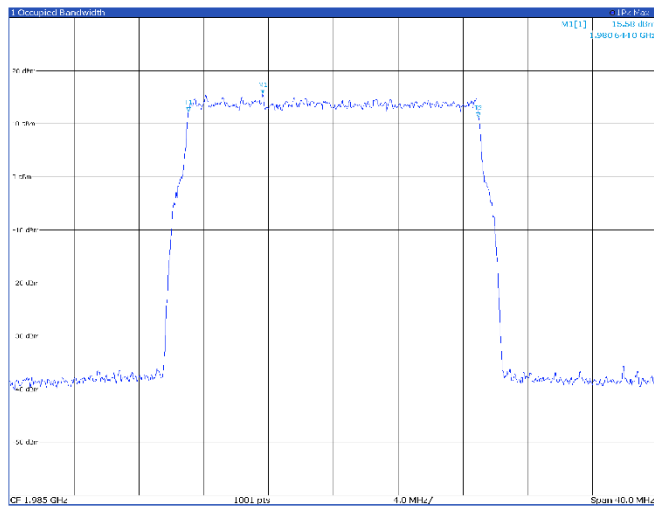
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.946 314 GHz	15.17 dBm	Off-Sw	17.887 750 819 MHz
T1	1		1.931 004 GHz	9.04 dBm	Occ-Sw Control	1.931 004 GHz
T2	1		1.945 899 GHz	10.01 dBm	Occ-Sw Control	1.945 899 GHz

TM3p1a, 20 MHz, mid channel



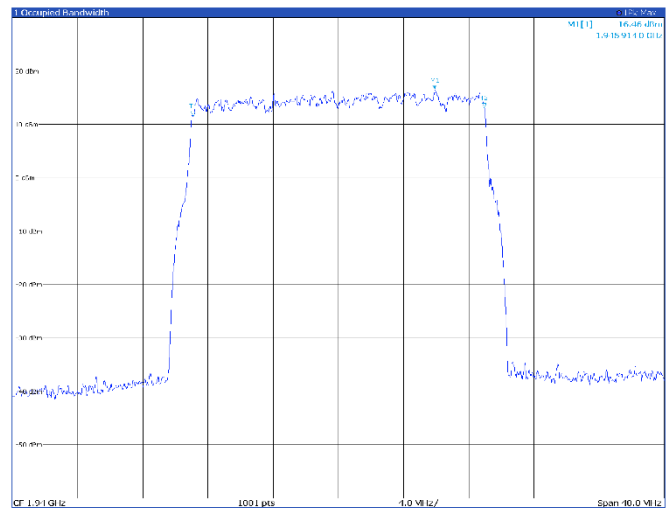
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.967 975 GHz	15.43 dBm	Off-Sw	17.926 336 923 MHz
T1	1		1.952 519 GHz	12.02 dBm	Occ-Sw Control	1.952 519 GHz
T2	1		1.971 4993 GHz	12.02 dBm	Occ-Sw Control	1.971 4993 GHz

TM3p1a, 20 MHz, high channel



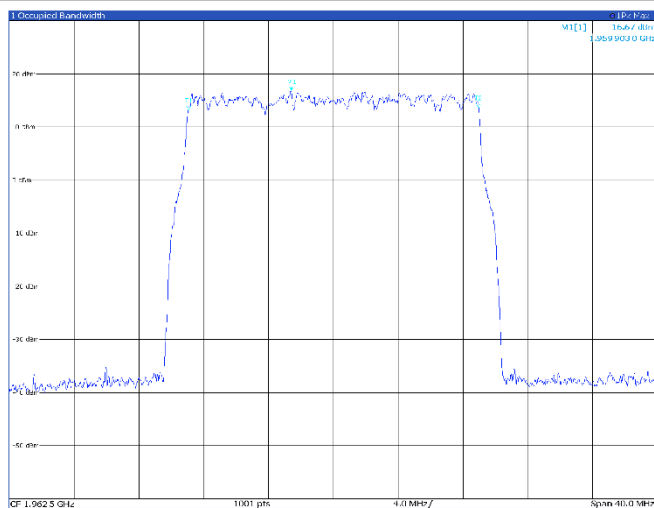
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	-	1	1.980644 GHz	15.58 dBm	Occ 5w	17.909048933 MHz
T1	-	1	1.980644 GHz	12.27 dBm	Occ 5w Channel	1.980644 GHz
Z	-	1	1.980644 GHz	13.00 dBm	Occ 5w -10dB Offset	1.980644 GHz

TM3p3, 20 MHz, low channel



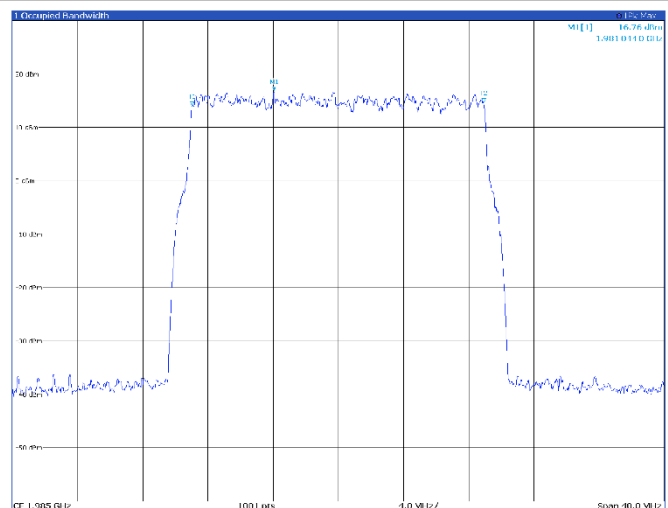
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	-	1	1.915914 GHz	16.46 dBm	Occ 5w	17.86630202 MHz
T1	-	1	1.915914 GHz	13.15 dBm	Occ 5w Channel	1.915914 GHz
Z	-	1	1.915914 GHz	13.77 dBm	Occ 5w -10dB Offset	1.915914 GHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	-	1	1.982503 GHz	16.67 dBm	Occ 5w	17.894947479 MHz
T1	-	1	1.982503 GHz	13.45 dBm	Occ 5w Channel	1.982503 GHz
Z	-	1	1.982503 GHz	13.90 dBm	Occ 5w -10dB Offset	1.982503 GHz

TM3p3, 20 MHz, high channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	-	1	1.981044 GHz	16.76 dBm	Occ 5w	17.911242329 MHz
T1	-	1	1.981044 GHz	13.52 dBm	Occ 5w Channel	1.981044 GHz
Z	-	1	1.981044 GHz	14.00 dBm	Occ 5w -10dB Offset	1.981044 GHz

8.3 FCC §2.1049(h) 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 4, 2024	Temperature	22 °C
Test end date	September 26, 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 B25: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM1.1	1932.5	5.03
B25	5 MHz	TM1.1	1962.5	5.07
B25	5 MHz	TM1.1	1992.5	5.08

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p1	1932.5	5.08
B25	5 MHz	TM3p1	1962.5	5.04
B25	5 MHz	TM3p1	1992.5	5.09

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p1a	1932.5	5.03
B25	5 MHz	TM3p1a	1962.5	4.99
B25	5 MHz	TM3p1a	1992.5	5.00

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p3	1932.5	5.08
B25	5 MHz	TM3p3	1962.5	5.05
B25	5 MHz	TM3p3	1992.5	5.08

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM1.1	1935.0	10.03
B25	10 MHz	TM1.1	1962.5	10.03
B25	10 MHz	TM1.1	1990.0	10.07

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p1	1935.0	9.99
B25	10 MHz	TM3p1	1962.5	10.05
B25	10 MHz	TM3p1	1990.0	10.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p1a	1935.0	10.01
B25	10 MHz	TM3p1a	1962.5	10.03
B25	10 MHz	TM3p1a	1990.0	10.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p3	1935.0	9.99
B25	10 MHz	TM3p3	1962.5	10.01
B25	10 MHz	TM3p3	1990.0	9.99

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM1.1	1937.5	14.87
B25	15 MHz	TM1.1	1962.5	14.89
B25	15 MHz	TM1.1	1987.5	14.89
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p1	1937.5	14.87
B25	15 MHz	TM3p1	1962.5	15.02
B25	15 MHz	TM3p1	1987.5	14.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p1a	1937.5	14.96
B25	15 MHz	TM3p1a	1962.5	15.04
B25	15 MHz	TM3p1a	1987.5	15.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p3	1937.5	14.80
B25	15 MHz	TM3p3	1962.5	14.87
B25	15 MHz	TM3p3	1987.5	14.84
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM1.1	1940.0	19.78
B25	20 MHz	TM1.1	1962.5	19.86
B25	20 MHz	TM1.1	1985.0	19.86
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p1	1940.0	19.62
B25	20 MHz	TM3p1	1962.5	19.82
B25	20 MHz	TM3p1	1985.0	19.86
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p1a	1940.0	19.98
B25	20 MHz	TM3p1a	1962.5	19.98
B25	20 MHz	TM3p1a	1985.0	19.94
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p3	1940.0	19.74
B25	20 MHz	TM3p3	1962.5	19.90
B25	20 MHz	TM3p3	1985.0	19.78

Band B25: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM1.1	1932.5	5.08
B25	5 MHz	TM1.1	1962.5	5.09
B25	5 MHz	TM1.1	1992.5	5.08

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p1	1932.5	5.04
B25	5 MHz	TM3p1	1962.5	5.11
B25	5 MHz	TM3p1	1992.5	5.08

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p1a	1932.5	5.04
B25	5 MHz	TM3p1a	1962.5	5.03
B25	5 MHz	TM3p1a	1992.5	5.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	5 MHz	TM3p3	1932.5	5.01
B25	5 MHz	TM3p3	1962.5	5.04
B25	5 MHz	TM3p3	1992.5	5.08

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM1.1	1935.0	9.99
B25	10 MHz	TM1.1	1962.5	10.03
B25	10 MHz	TM1.1	1990.0	10.05

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p1	1935.0	9.99
B25	10 MHz	TM3p1	1962.5	10.01
B25	10 MHz	TM3p1	1990.0	9.99

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p1a	1935.0	10.01
B25	10 MHz	TM3p1a	1962.5	10.05
B25	10 MHz	TM3p1a	1990.0	10.03

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	10 MHz	TM3p3	1935.0	9.99
B25	10 MHz	TM3p3	1962.5	10.03
B25	10 MHz	TM3p3	1990.0	10.03

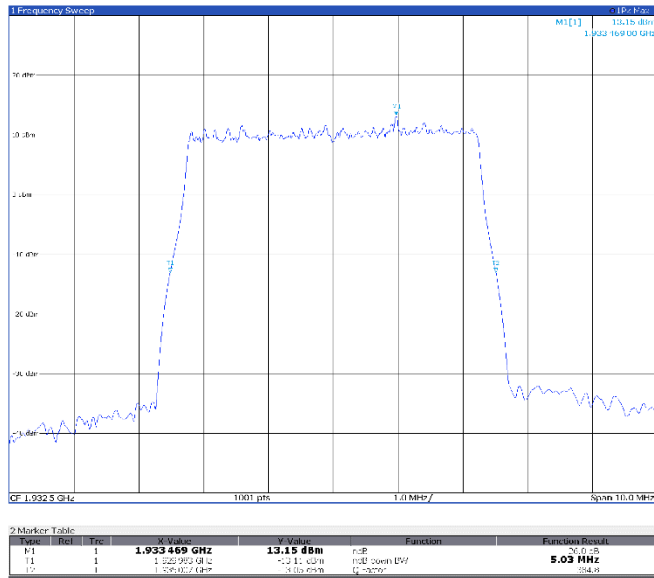
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM1.1	1937.5	14.84
B25	15 MHz	TM1.1	1962.5	14.93
B25	15 MHz	TM1.1	1987.5	14.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p1	1937.5	14.98
B25	15 MHz	TM3p1	1962.5	15.02
B25	15 MHz	TM3p1	1987.5	14.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p1a	1937.5	14.96
B25	15 MHz	TM3p1a	1962.5	15.04
B25	15 MHz	TM3p1a	1987.5	14.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	15 MHz	TM3p3	1937.5	14.80
B25	15 MHz	TM3p3	1962.5	14.87
B25	15 MHz	TM3p3	1987.5	14.84
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM1.1	1940.0	19.86
B25	20 MHz	TM1.1	1962.5	19.90
B25	20 MHz	TM1.1	1985.0	19.86
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p1	1940.0	19.54
B25	20 MHz	TM3p1	1962.5	19.78
B25	20 MHz	TM3p1	1985.0	19.86
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p1a	1940.0	19.86
B25	20 MHz	TM3p1a	1962.5	19.78
B25	20 MHz	TM3p1a	1985.0	19.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
B25	20 MHz	TM3p3	1940.0	19.82
B25	20 MHz	TM3p3	1962.5	19.82
B25	20 MHz	TM3p3	1985.0	19.74

Antenna port 1

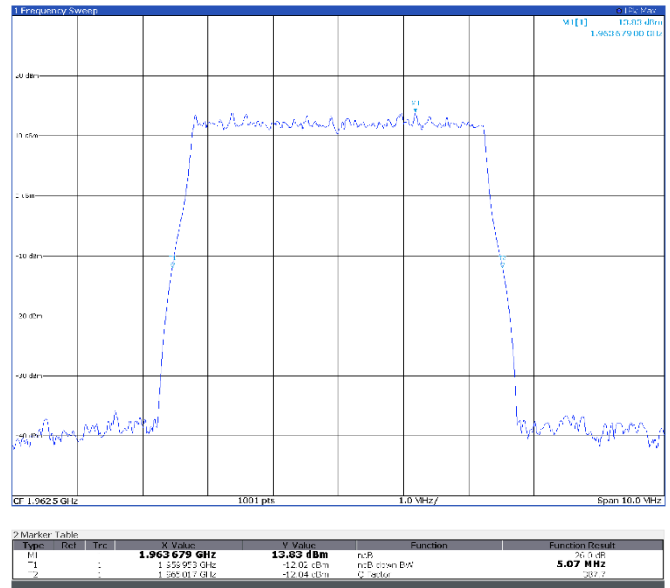
Band B25

5 MHz

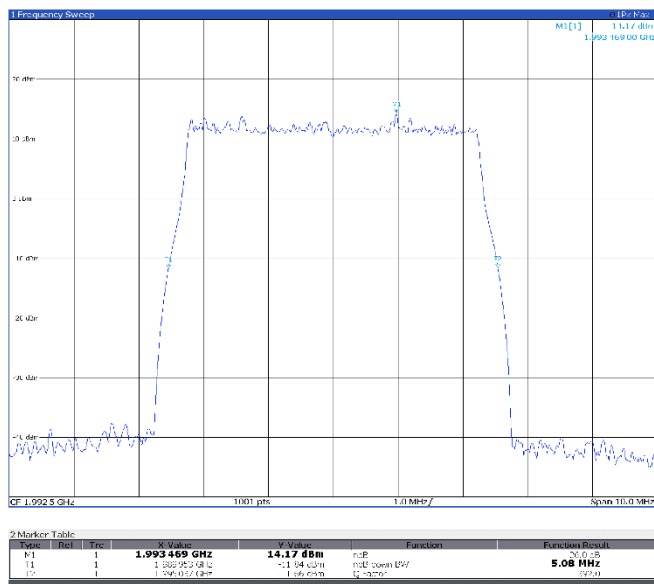
TM1.1, 5 MHz, low channel



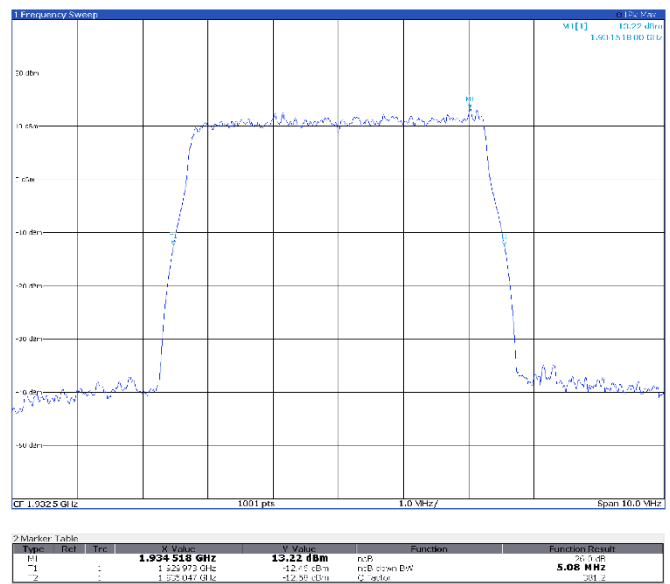
TM1.1, 5 MHz, mid channel



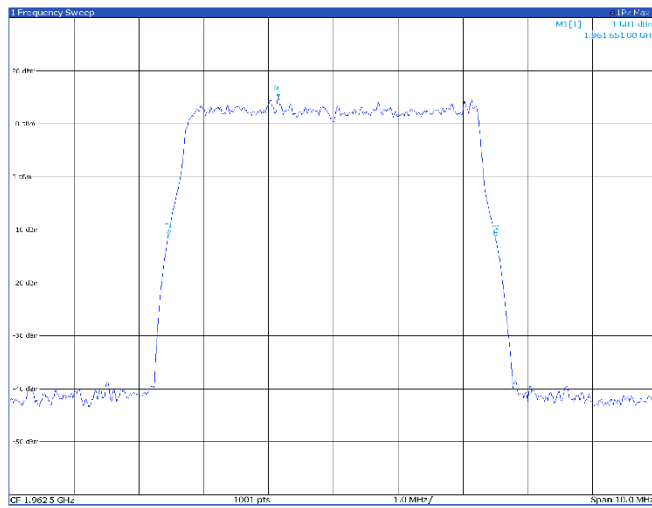
TM1.1, 5 MHz, high channel



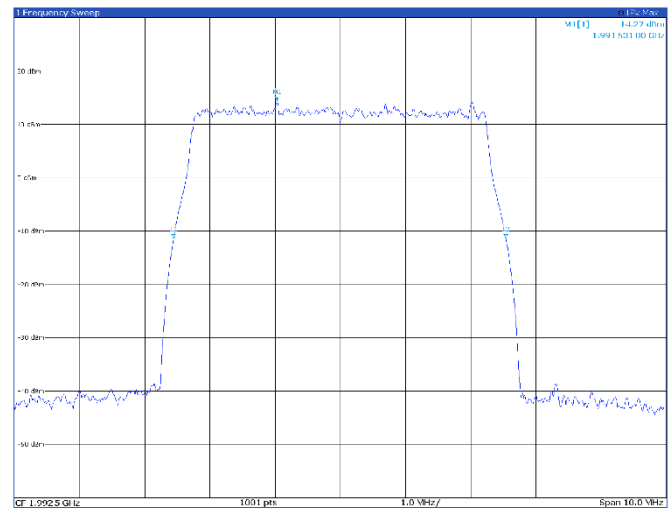
TM3p1, 5 MHz, low channel



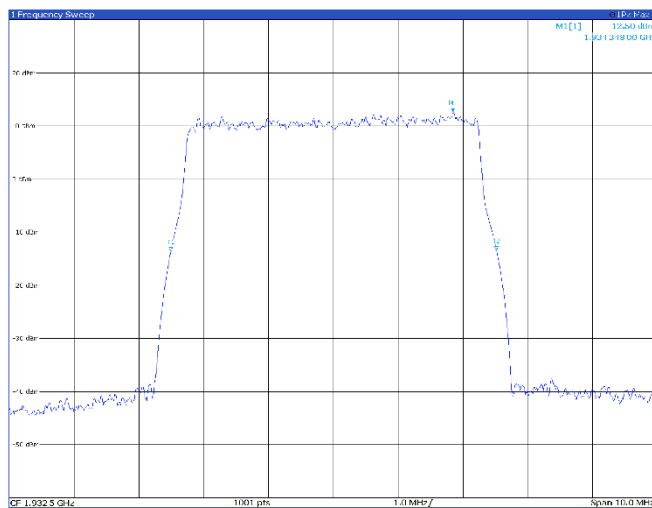
TM3p1, 5 MHz, mid channel



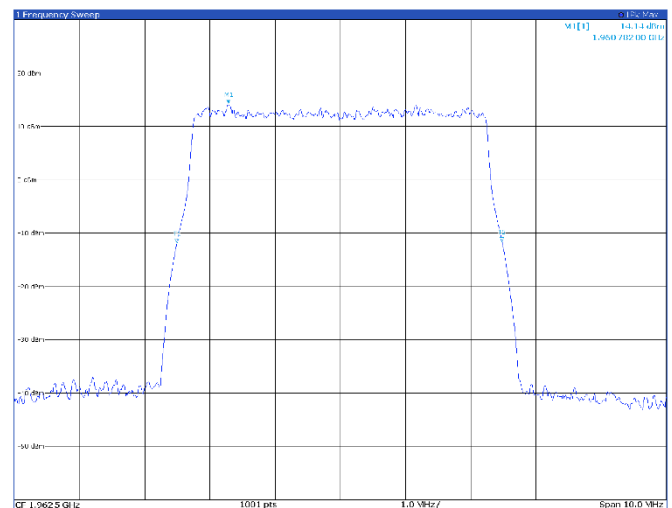
TM3p1, 5 MHz, high channel

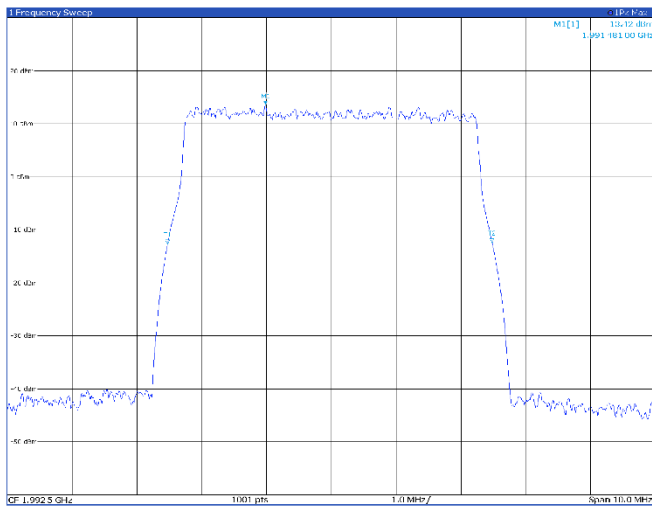


TM3p1a, 5 MHz, low channel

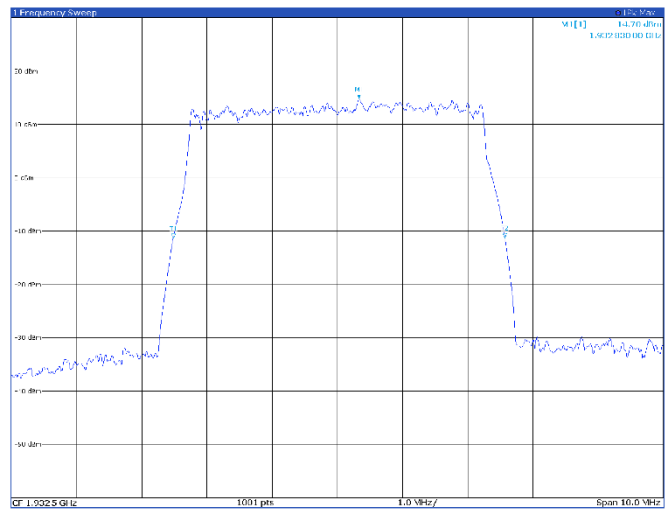


TM3p1a, 5 MHz, mid channel

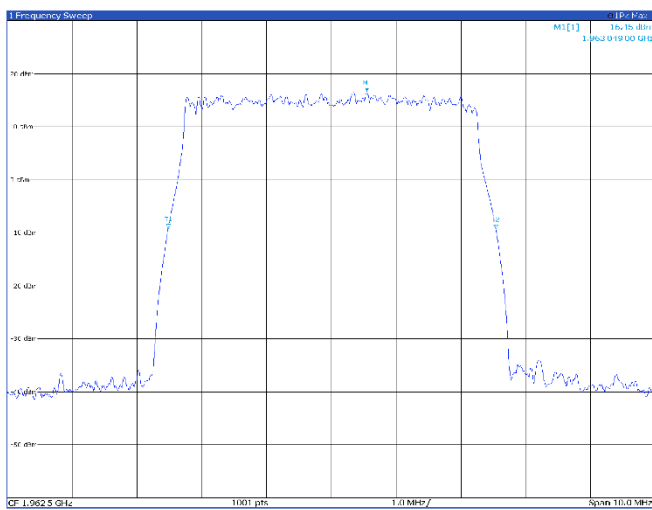


TM3p1a, 5 MHz, high channel


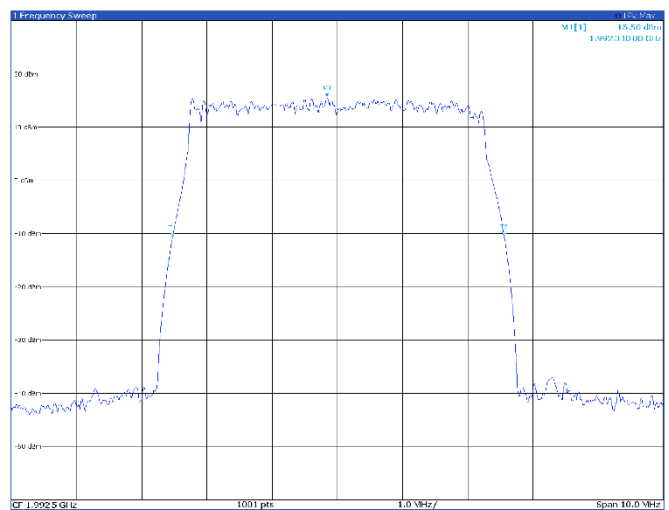
Type	Ref	Freq	X Value	Y Value	Function	Function Result
F1	1		1.991481 GHz	13.42 dBm	nB	20.0 dB
F1	1		1.991981 GHz	-12.76 dBm	mB down BW	5.00 MHz
F2	1		1.991481 GHz	-2.29 dBm	Q-factor	22.74

TM3p3, 5 MHz, low channel


Type	Ref	Freq	X Value	Y Value	Function	Function Result
F1	1		1.992903 GHz	14.70 dBm	nB	20.0 dB
F1	1		1.992953 GHz	-11.22 dBm	mB down BW	5.08 MHz
F2	1		1.992903 GHz	-11.75 dBm	Q-factor	23.01

TM3p3, 5 MHz, mid channel


Type	Ref	Freq	X Value	Y Value	Function	Function Result
F1	1		1.993049 GHz	16.45 dBm	nB	20.0 dB
F1	1		1.993099 GHz	-9.27 dBm	mB down BW	5.05 MHz
F2	1		1.993049 GHz	-4.55 dBm	Q-factor	28.53

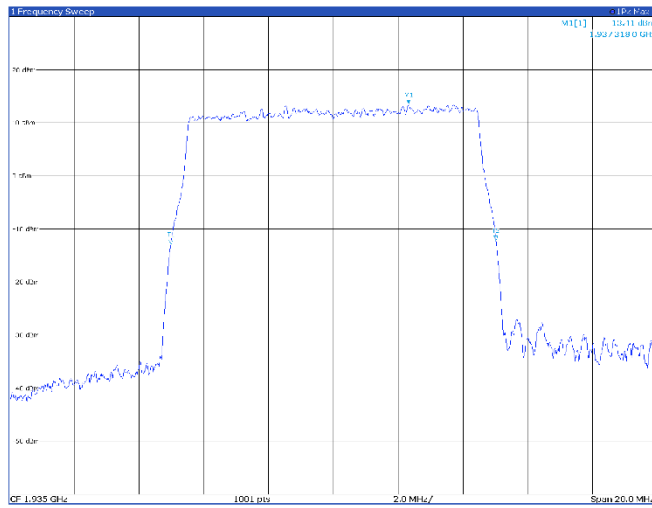
TM3p3, 5 MHz, high channel


Type	Ref	Freq	X Value	Y Value	Function	Function Result
F1	1		1.992972 GHz	15.50 dBm	nB	20.0 dB
F1	1		1.993022 GHz	-10.65 dBm	mB down BW	5.08 MHz
F2	1		1.992972 GHz	-10.45 dBm	Q-factor	23.01

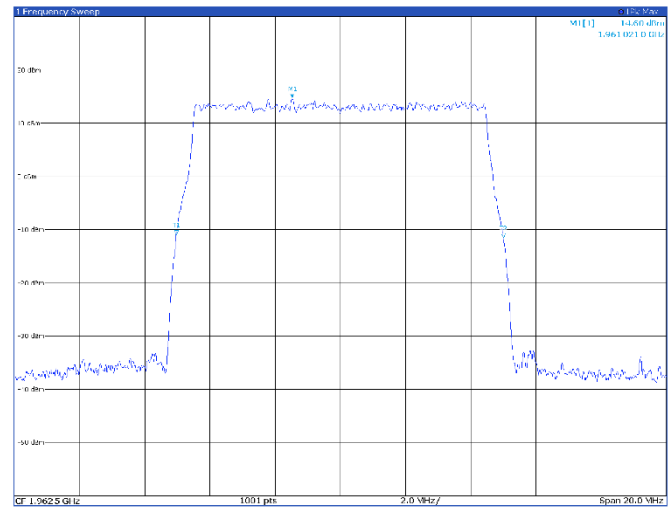
Band B25

10 MHz

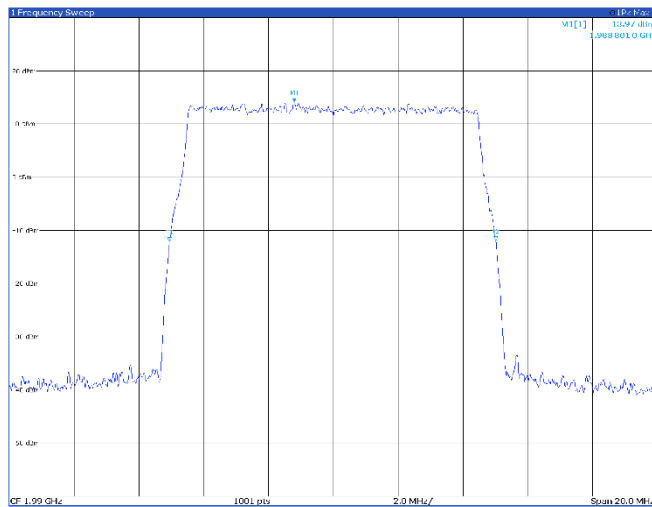
TM1.1, 10 MHz, low channel



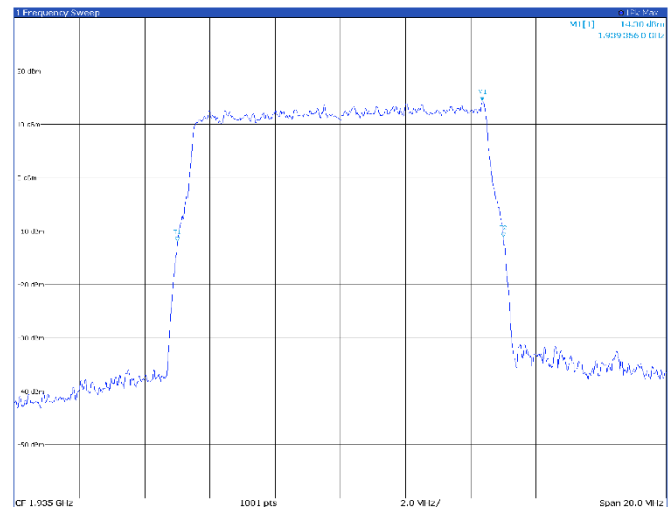
TM1.1, 10 MHz, mid channel



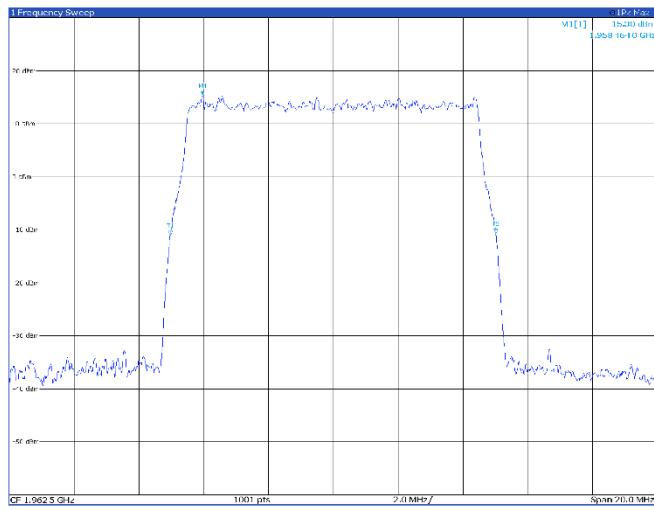
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

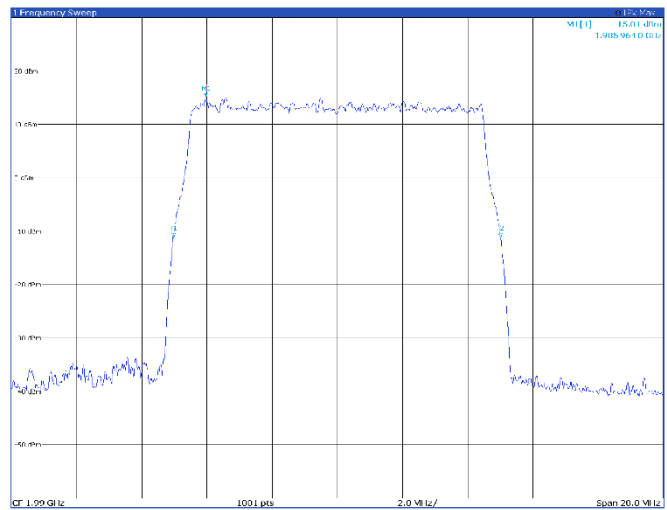


TM3p1, 10 MHz, mid channel



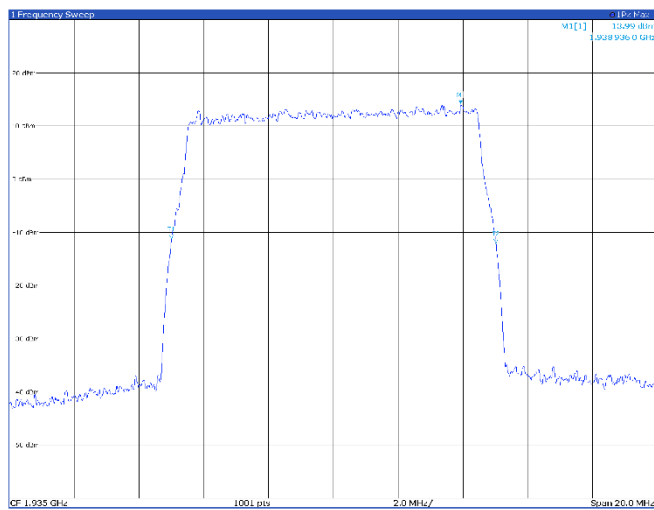
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.958464 GHz	15.30 dBm	nB	20.0 dB
P1	1	1	1.957453 GHz	-11.10 dBm	mB down BW	10.05 MHz
P2	1	1	1.963514 GHz	-11.14 dBm	C-factor	10.0

TM3p1, 10 MHz, high channel



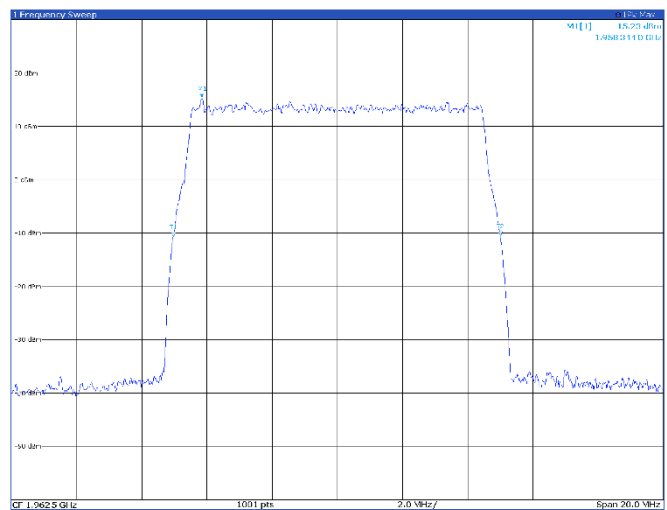
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.959994 GHz	15.01 dBm	nB	20.0 dB
P1	1	1	1.958983 GHz	-11.12 dBm	mB down BW	10.03 MHz
P2	1	1	1.960035 GHz	-11.21 dBm	C-factor	10.0

TM3p1a, 10 MHz, low channel



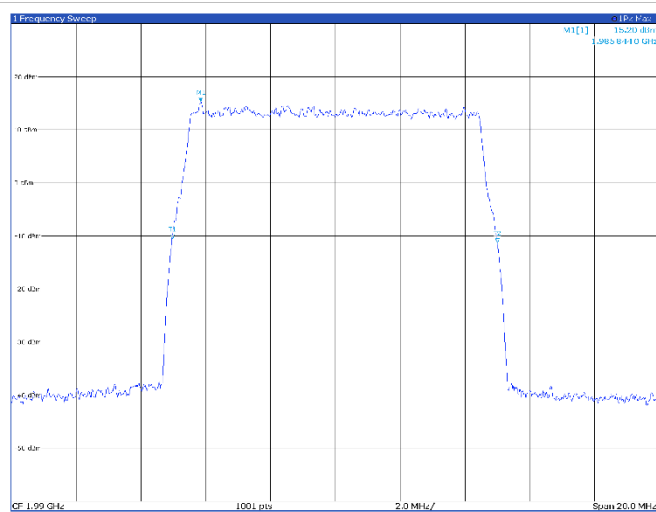
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.936936 GHz	13.99 dBm	nB	20.0 dB
P1	1	1	1.935925 GHz	-11.13 dBm	mB down BW	10.01 MHz
P2	1	1	1.936976 GHz	-11.09 dBm	C-factor	10.0

TM3p1a, 10 MHz, mid channel



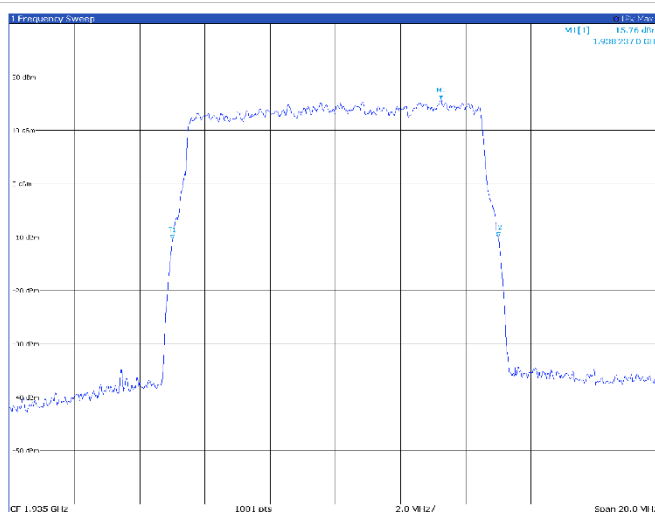
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.958944 GHz	15.23 dBm	nB	20.0 dB
P1	1	1	1.957933 GHz	-11.07 dBm	mB down BW	10.03 MHz
P2	1	1	1.963475 GHz	-11.14 dBm	C-factor	10.0

TM3p1a, 10 MHz, high channel



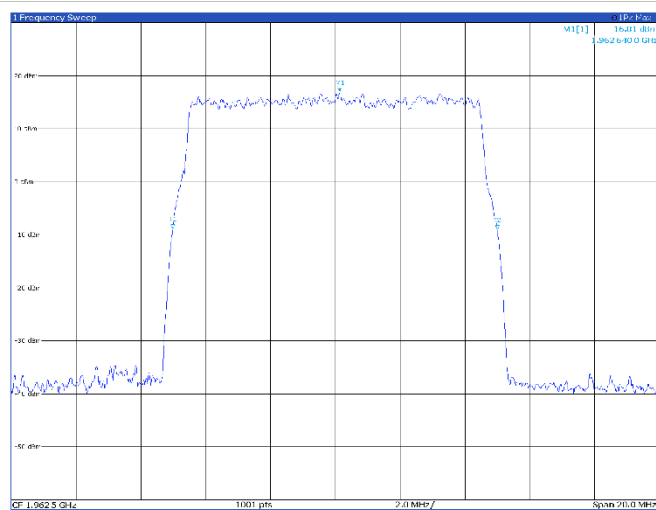
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1		1	1.985844 GHz	15.20 dBm	ncP	26.0 dB
T1		1	1.984955 GHz	-10.57 dBm	ncP down BW	10.03 MHz
T2		1	1.984955 GHz	-1.55 dBm	ncP center	198.0

TM3p3, 10 MHz, low channel



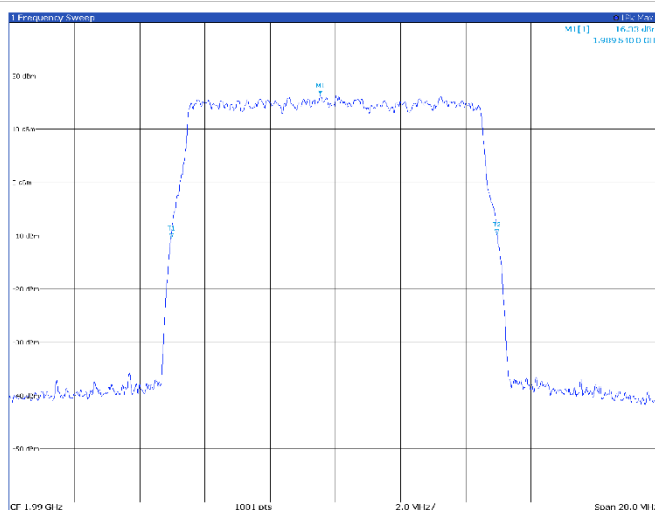
Type	Ref	Trc	X Value	Y Value	Function	Function Result
tbl			1.938 237 GHz	15.76 dBm	nB	26.0 dB
T1			1.938 015 GHz	-10.41 cBm	nB down BW	9.99 MHz

TM3p3, 10 MHz, mid channel



2 Marker Table						
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.962 64 GHz	16.81 dBm	ncP	26.0 dB
T1	1	1	1.957495 GHz	-8.01 dBm	ncP down BW	10.01 MHz
T2	1	1	1.964495 GHz	9.11 dBm	ncP up BW	19.01 MHz

TM3p3, 10 MHz, high channel

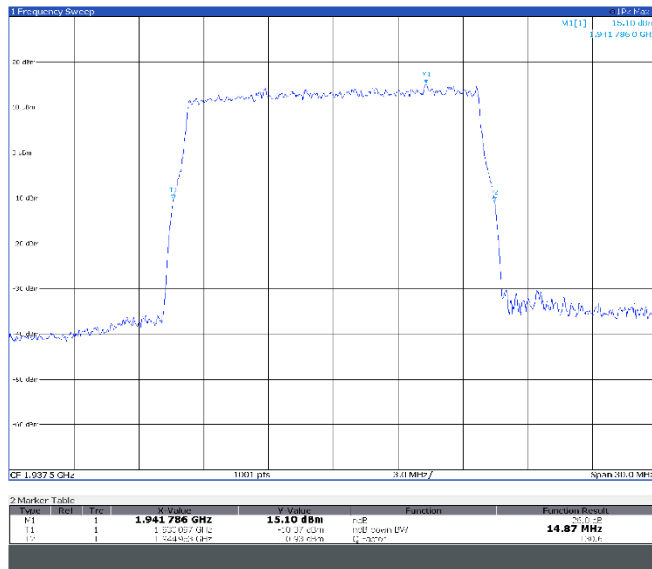


Type	Ref	Trc	X Value	Y Value	Function	Function Result
f1			1.989 54 GHz	16.33 dBm	nB	26.0 dB
f1			1.98955 GHz	-10.26 cBm	nB down BW	9.99 MHz

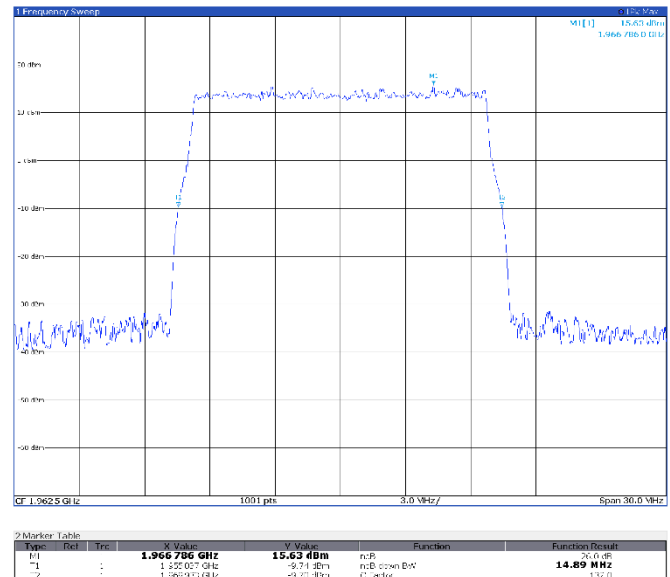
Band B25

15 MHz

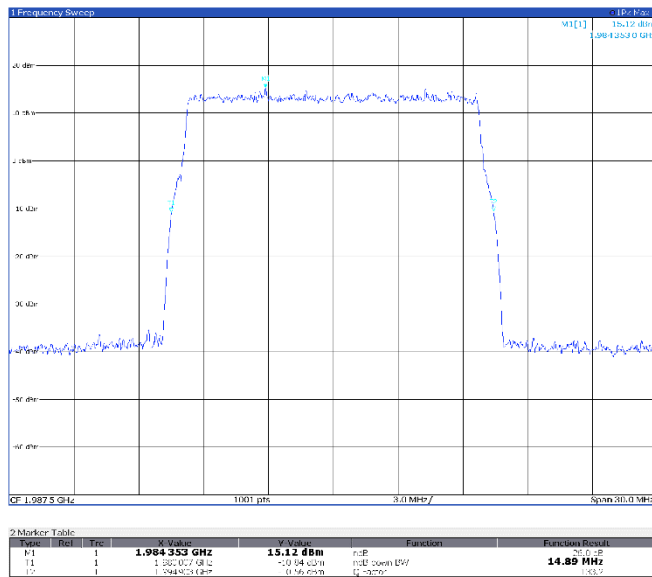
TM1.1, 15 MHz, low channel



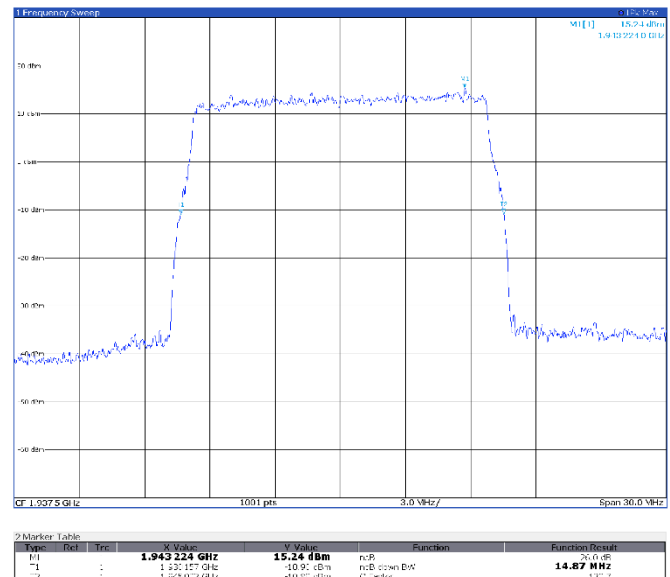
TM1.1, 15 MHz, mid channel



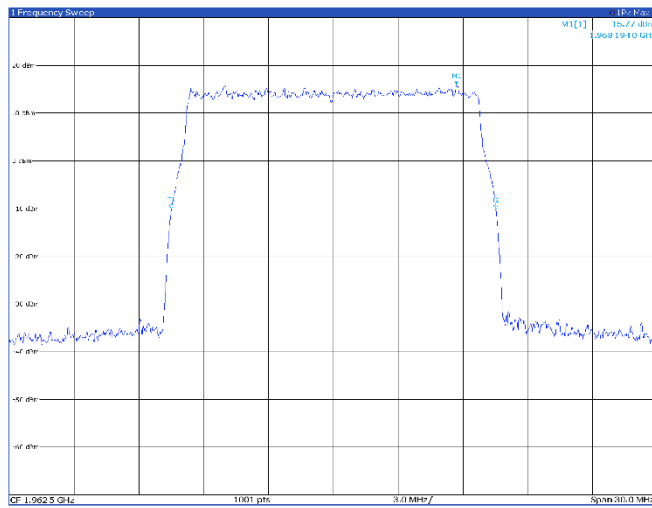
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

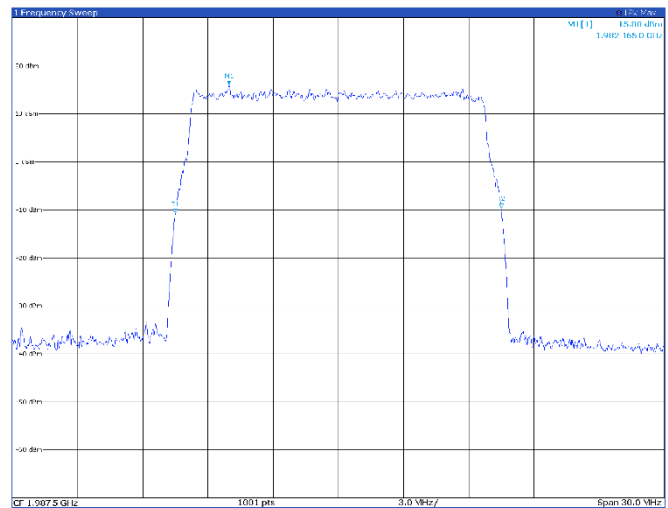


TM3p1, 15 MHz, mid channel



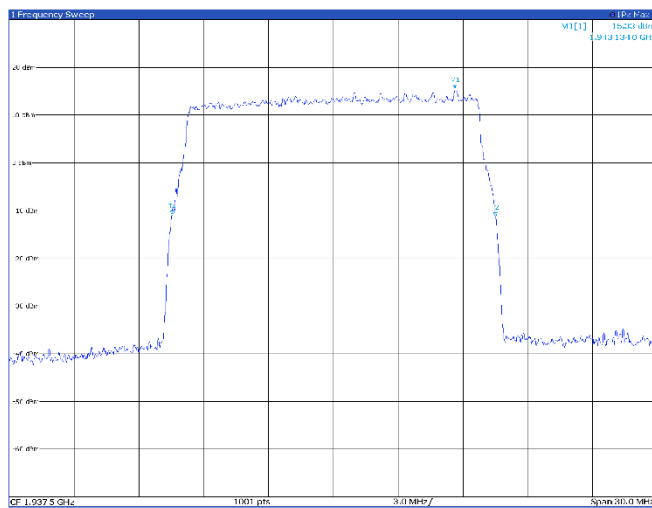
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
P1	1	1	1.968134 GHz	15.77 dBm	nB	20.0 dB
P1	1	1	1.9625 GHz	-10.0 dBm	nB down BW	15.02 MHz
P2	1	1	1.968134 GHz	-10.0 dBm	nB down BW	15.02 MHz

TM3p1, 15 MHz, high channel



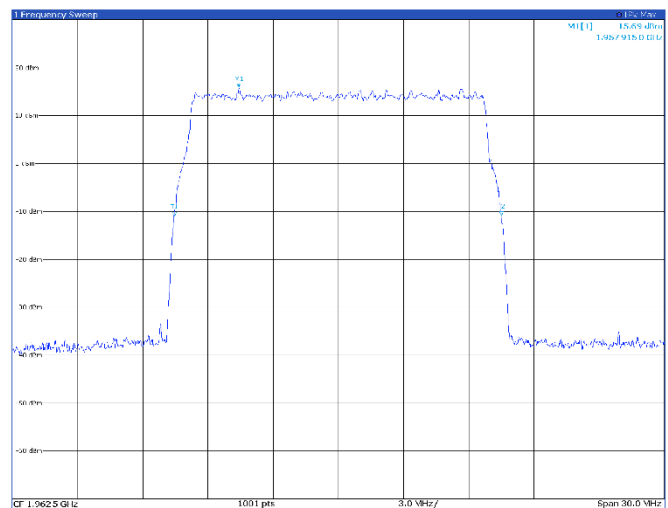
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
P1	1	1	1.968134 GHz	15.00 dBm	nB	20.0 dB
P1	1	1	1.9625 GHz	-10.0 dBm	nB down BW	14.98 MHz
P2	1	1	1.968134 GHz	-10.0 dBm	nB down BW	14.98 MHz

TM3p1a, 15 MHz, low channel



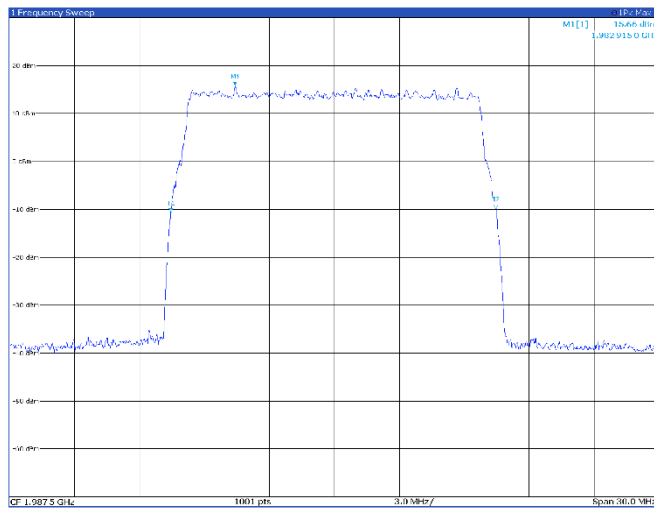
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
P1	1	1	1.968134 GHz	15.35 dBm	nB	20.0 dB
P1	1	1	1.9625 GHz	-10.0 dBm	nB down BW	14.96 MHz
P2	1	1	1.968134 GHz	-10.0 dBm	nB down BW	14.96 MHz

TM3p1a, 15 MHz, mid channel



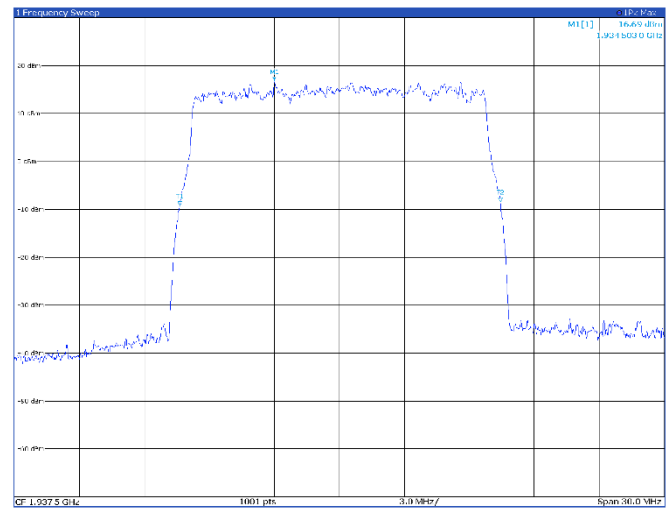
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
P1	1	1	1.968134 GHz	15.69 dBm	nB	20.0 dB
P1	1	1	1.9625 GHz	-10.0 dBm	nB down BW	15.04 MHz
P2	1	1	1.968134 GHz	-10.0 dBm	nB down BW	15.04 MHz

TM3p1a, 15 MHz, high channel



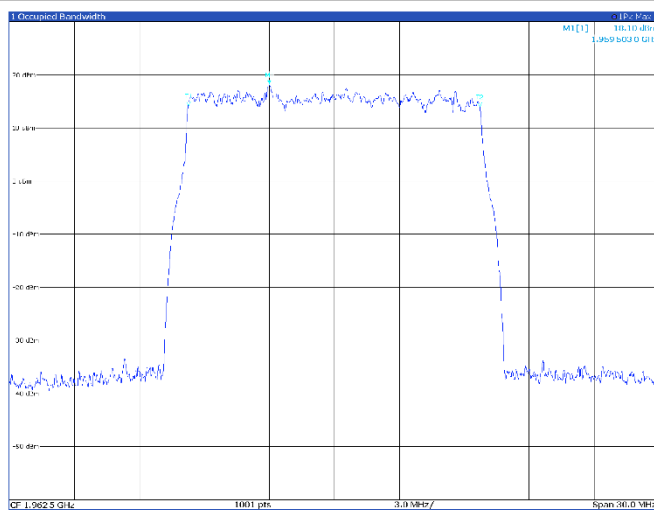
Type	Ref	Freq	X-Value	Y-Value	Function	Function Result
M1	1	1.9875 GHz	15.66 dBm	nB	20.0 dB	15.66 MHz
M2	1	1.9925 GHz	15.66 dBm	nB	20.0 dB	15.66 MHz

TM3p3, 15 MHz, low channel



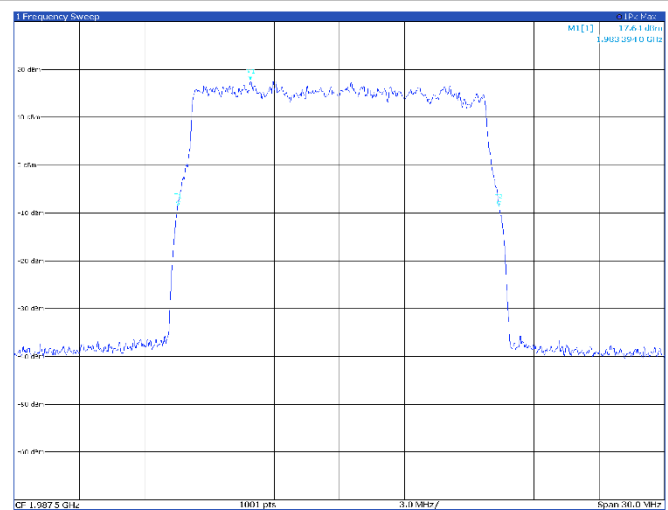
Type	Ref	Freq	X-Value	Y-Value	Function	Function Result
M1	1	1.9875 GHz	16.69 dBm	nB	20.0 dB	16.69 MHz
M2	1	1.9925 GHz	16.69 dBm	nB	20.0 dB	16.69 MHz

TM3p3, 15 MHz, mid channel



Type	Ref	Freq	X-Value	Y-Value	Function	Function Result
M1	1	1.9875 GHz	18.10 dBm	nB	20.0 dB	18.10 MHz
M2	1	1.9925 GHz	18.10 dBm	nB	20.0 dB	18.10 MHz

TM3p3, 15 MHz, high channel

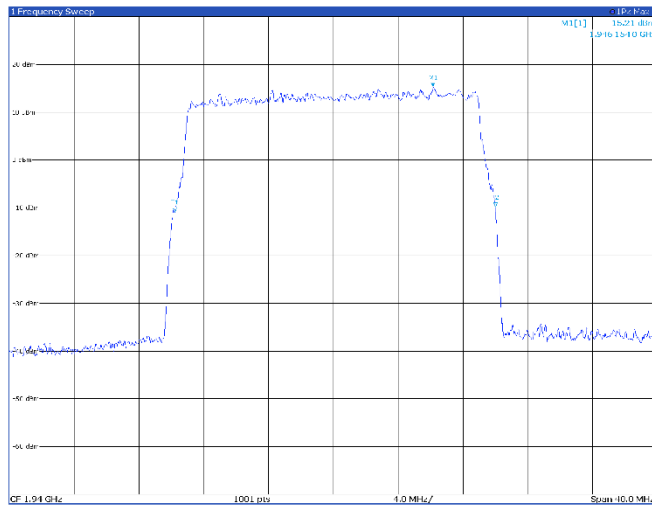


Type	Ref	Freq	X-Value	Y-Value	Function	Function Result
M1	1	1.9875 GHz	17.64 dBm	nB	20.0 dB	17.64 MHz
M2	1	1.9925 GHz	17.64 dBm	nB	20.0 dB	17.64 MHz

Band B25

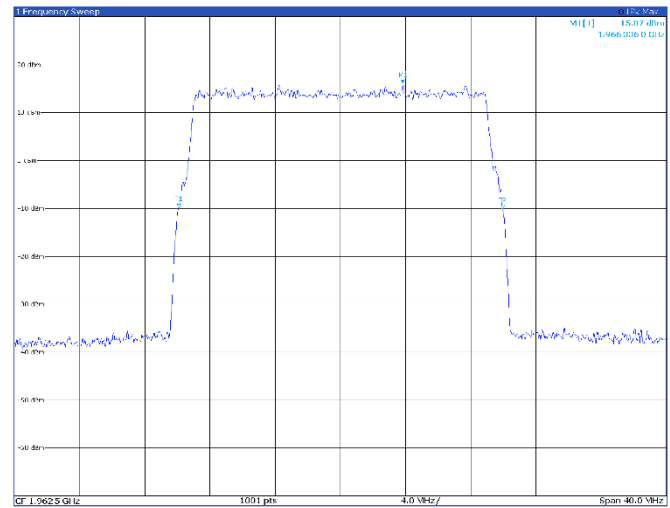
20 MHz

TM1.1, 20 MHz, low channel



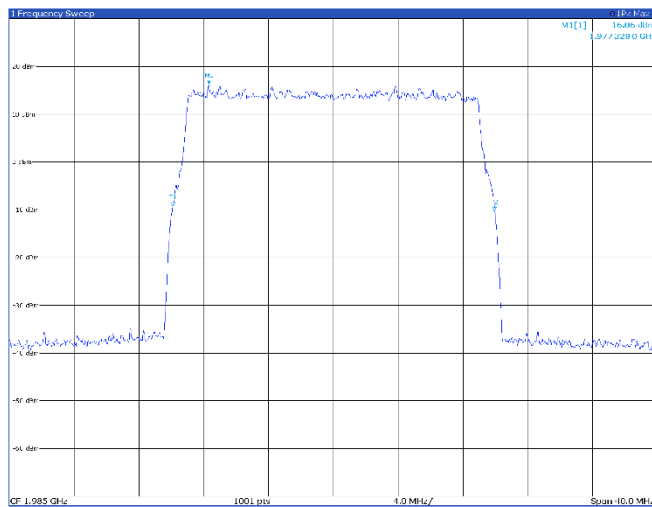
Type	Ref	Trc	X Value	Y Value	n dB	Function	Function Result
M1	1		1.946154 GHz	15.21 dBm	n dB		19.78 MHz
T1	1		1.946154 GHz	-10.00 dBm	n dB down BW		19.78 MHz
T2	1		1.946154 GHz	-10.00 dBm	n dB down BW		19.78 MHz

TM1.1, 20 MHz, mid channel



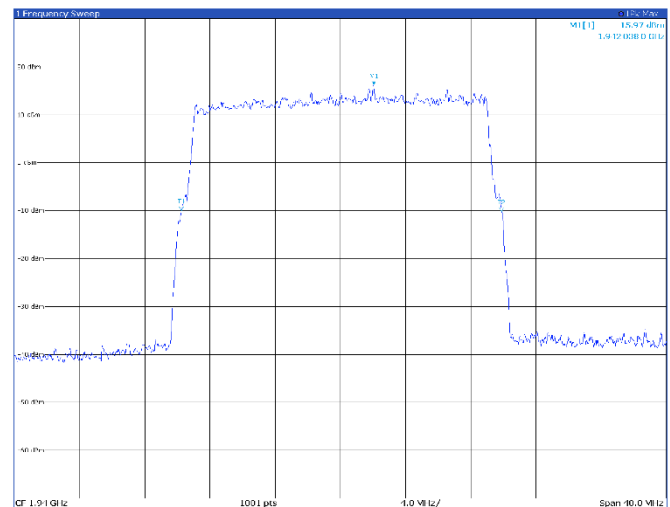
Type	Ref	Trc	X Value	Y Value	n dB	Function	Function Result
M1	1		1.966336 GHz	15.67 dBm	n dB		19.86 MHz
T1	1		1.966336 GHz	-10.00 dBm	n dB down BW		19.86 MHz
T2	1		1.966336 GHz	-10.00 dBm	n dB down BW		19.86 MHz

TM1.1, 20 MHz, high channel



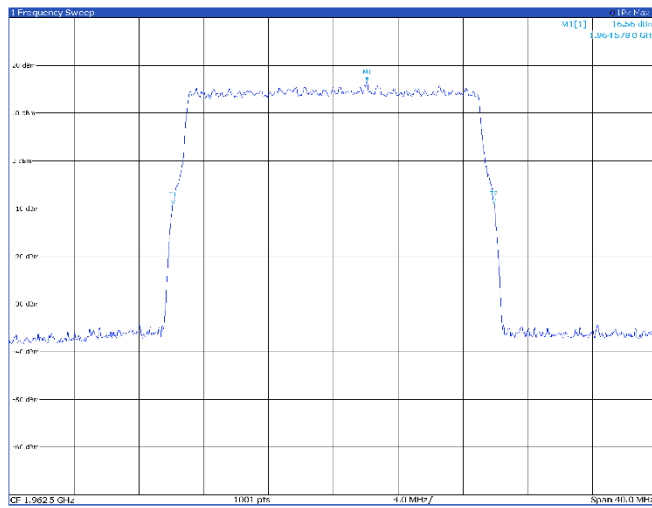
Type	Ref	Trc	X Value	Y Value	n dB	Function	Function Result
M1	1		1.977328 GHz	16.06 dBm	n dB		19.86 MHz
T1	1		1.977328 GHz	-10.00 dBm	n dB down BW		19.86 MHz
T2	1		1.977328 GHz	-10.00 dBm	n dB down BW		19.86 MHz

TM3p1, 20 MHz, low channel

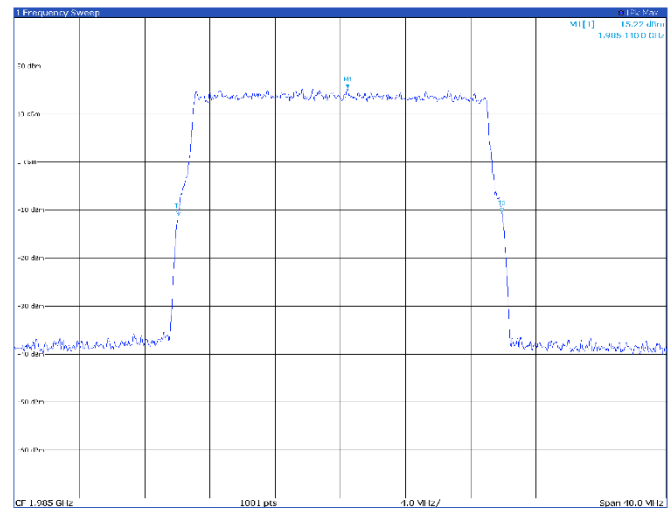


Type	Ref	Trc	X Value	Y Value	n dB	Function	Function Result
M1	1		1.942038 GHz	15.97 dBm	n dB		19.62 MHz
T1	1		1.942038 GHz	-10.00 dBm	n dB down BW		19.62 MHz
T2	1		1.942038 GHz	-10.00 dBm	n dB down BW		19.62 MHz

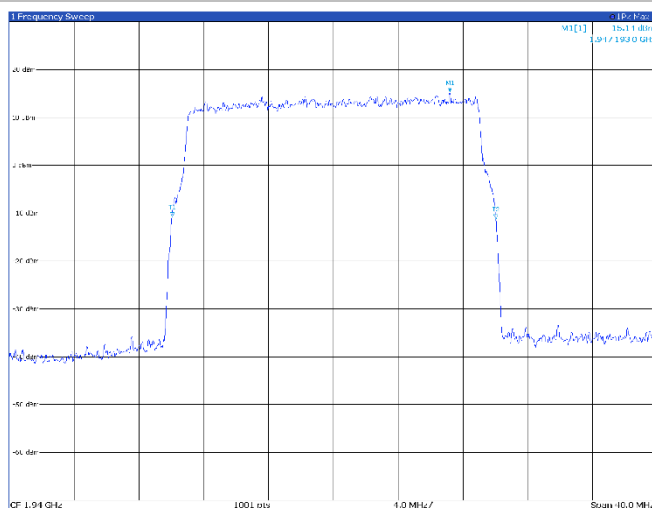
TM3p1, 20 MHz, mid channel



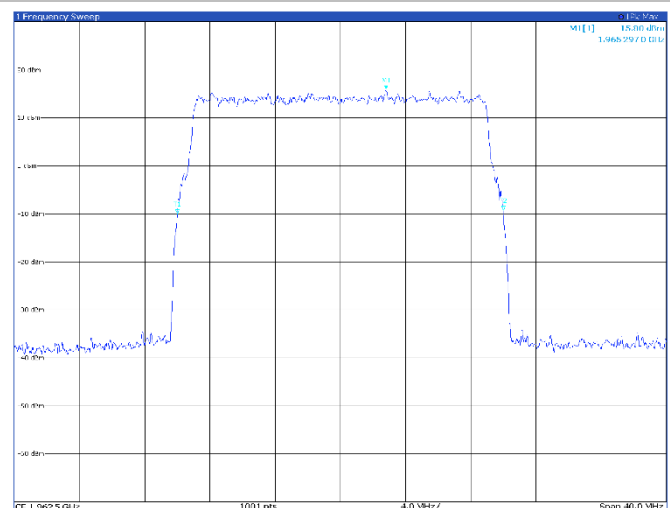
TM3p1, 20 MHz, high channel



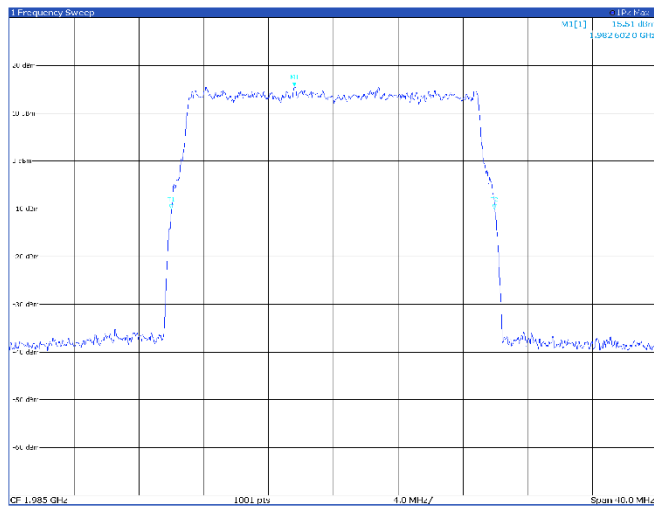
TM3p1a, 20 MHz, low channel



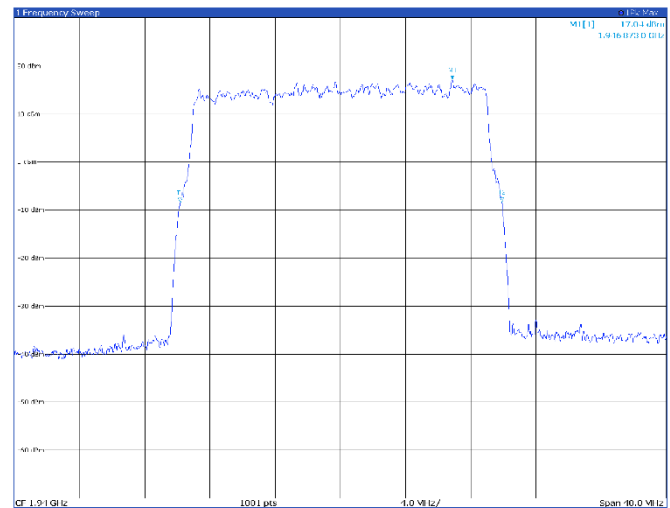
TM3p1a, 20 MHz, mid channel



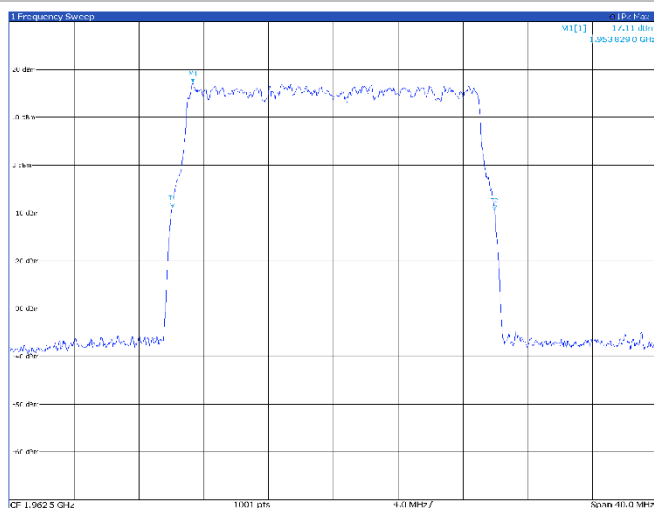
TM3p1a, 20 MHz, high channel



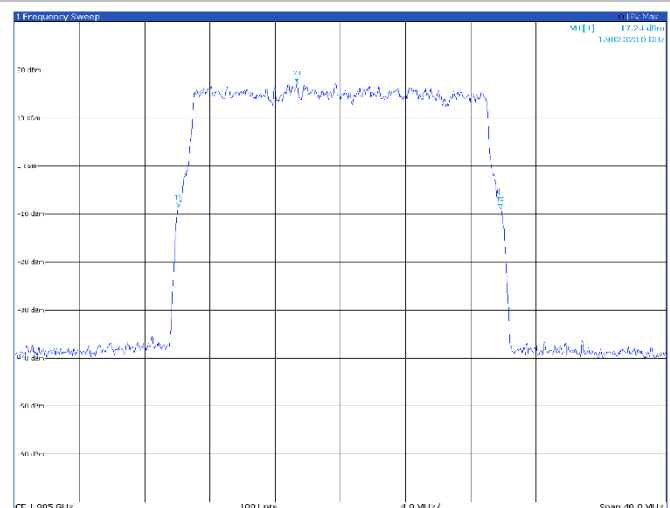
TM3p3, 20 MHz, low channel



TM3p3, 20 MHz, mid channel



TM3p3, 20 MHz, high channel

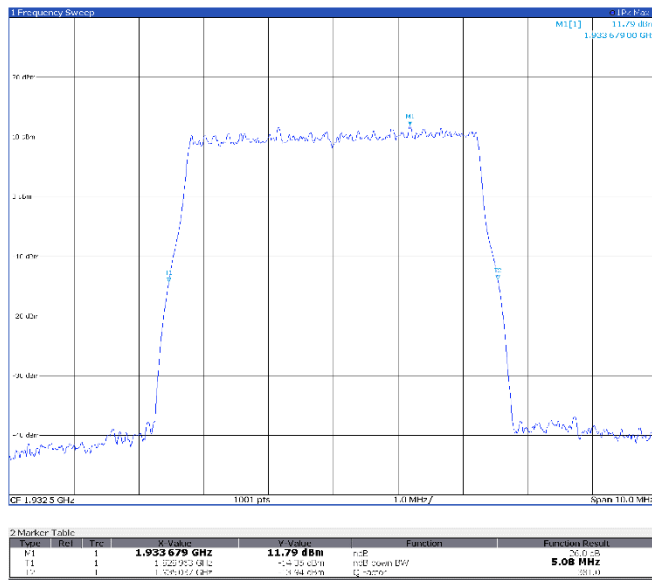


Antenna port 2

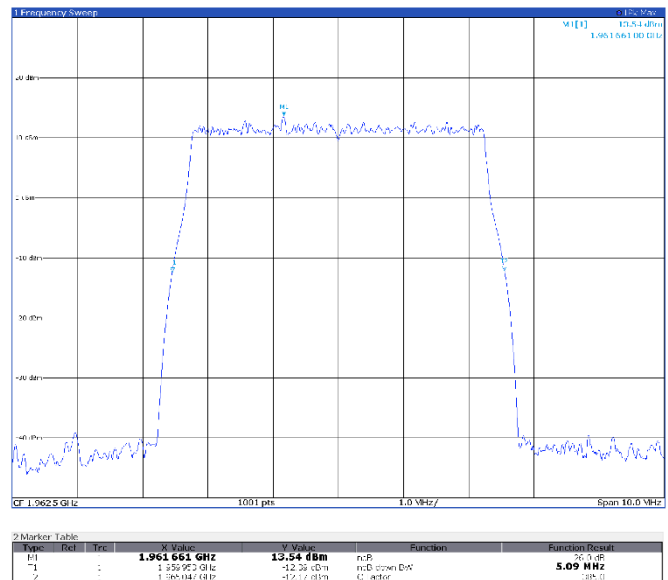
Band B25

5 MHz

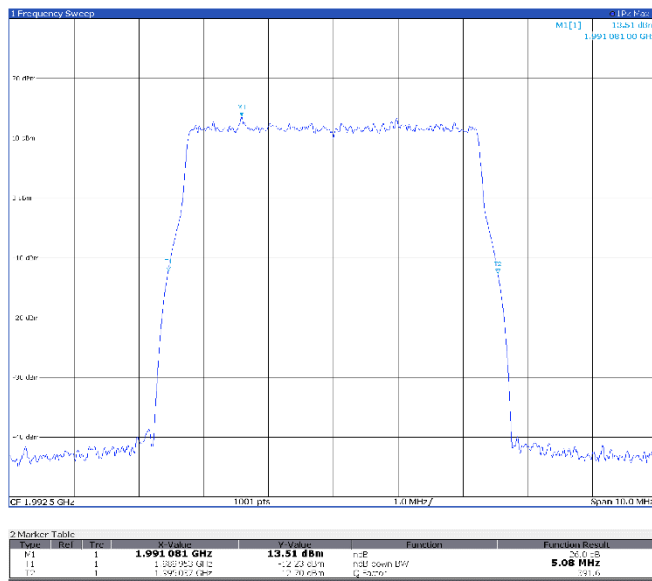
TM1.1, 5 MHz, low channel



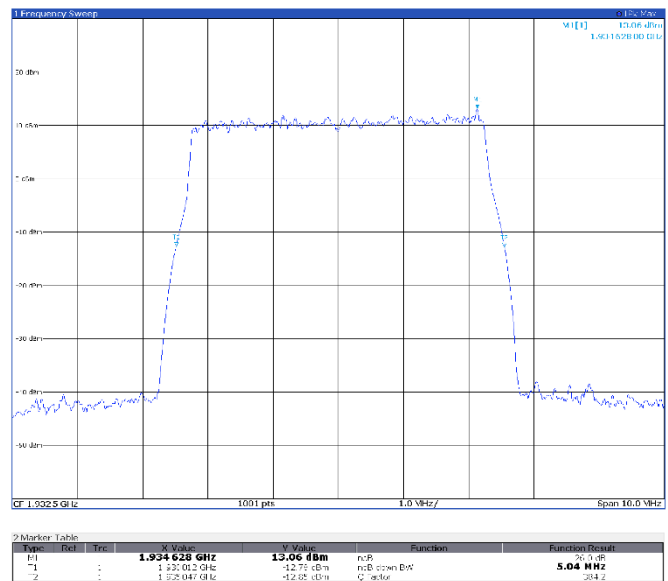
TM1.1, 5 MHz, mid channel



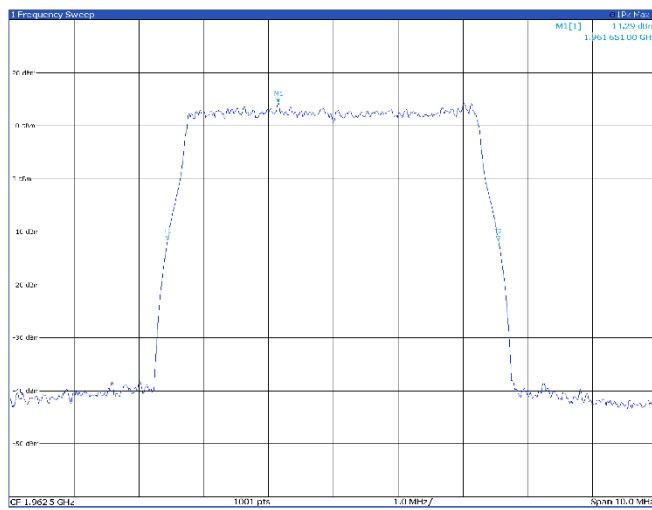
TM1.1, 5 MHz, high channel



TM3p1, 5 MHz, low channel

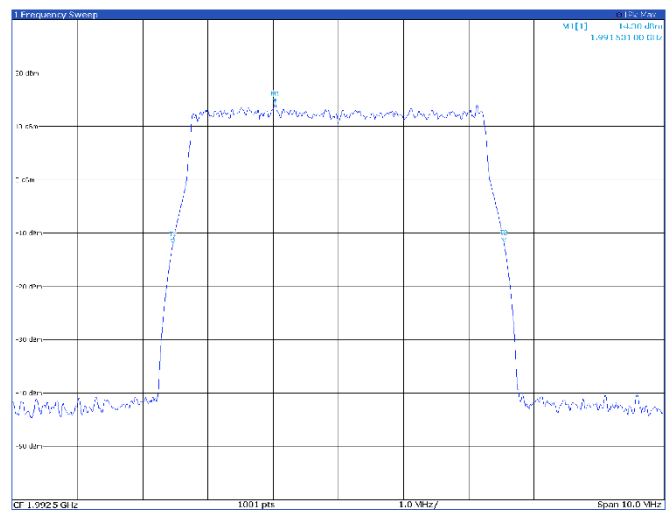


TM3p1, 5 MHz, mid channel



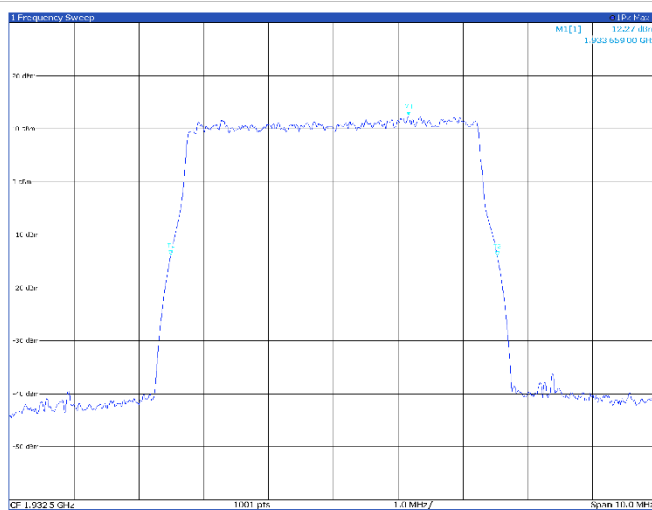
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		1.961651 GHz	14.29 dBm	nB	20.0 dB	5.11 MHz
F1	1		1.962540 GHz	-11.59 dBm	nB	down BW	
F2	1		1.963532 GHz	-11.30 dBm	nB	up BW	

TM3p1, 5 MHz, high channel



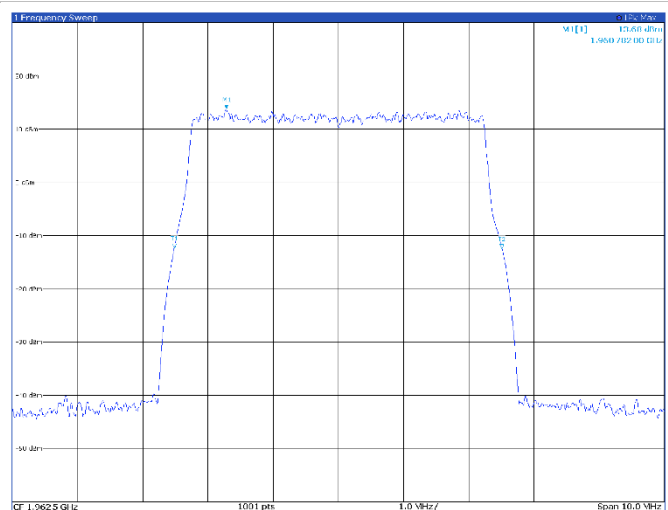
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		1.991531 GHz	14.30 dBm	nB	20.0 dB	5.08 MHz
F1	1		1.992570 GHz	-12.07 dBm	nB	down BW	
F2	1		1.993617 GHz	-11.77 dBm	nB	up BW	

TM3p1a, 5 MHz, low channel



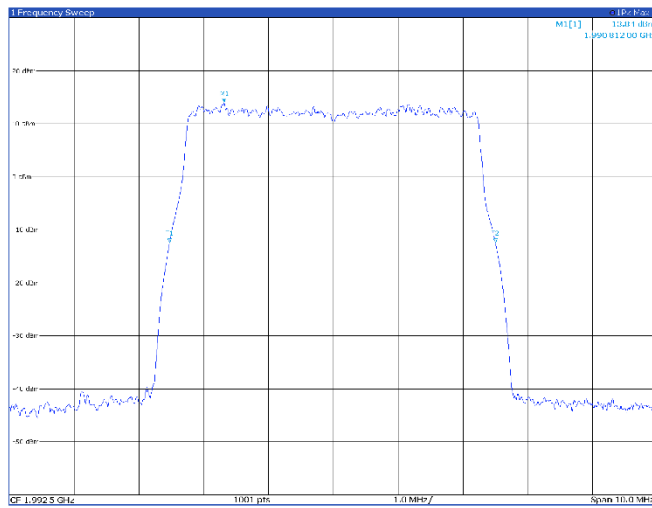
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		1.933659 GHz	12.27 dBm	nB	20.0 dB	5.04 MHz
F1	1		1.932562 GHz	-12.07 dBm	nB	down BW	
F2	1		1.934657 GHz	-12.03 dBm	nB	up BW	

TM3p1a, 5 MHz, mid channel



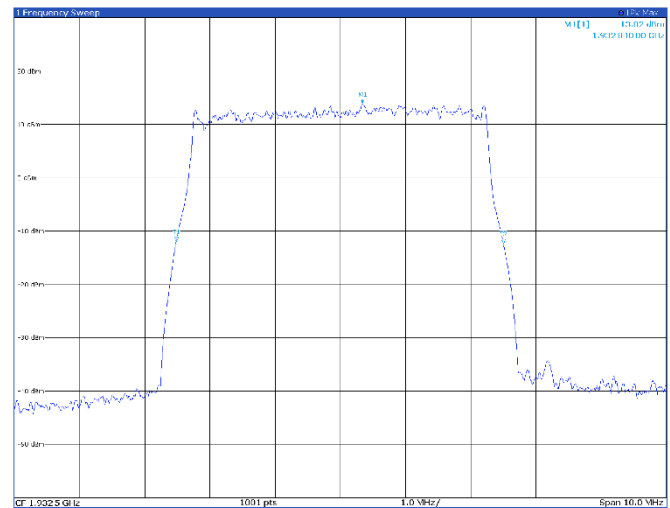
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
F1	1		1.960782 GHz	13.68 dBm	nB	20.0 dB	5.03 MHz
F1	1		1.959902 GHz	-12.27 dBm	nB	down BW	
F2	1		1.961672 GHz	-12.47 dBm	nB	up BW	

TM3p1a, 5 MHz, high channel



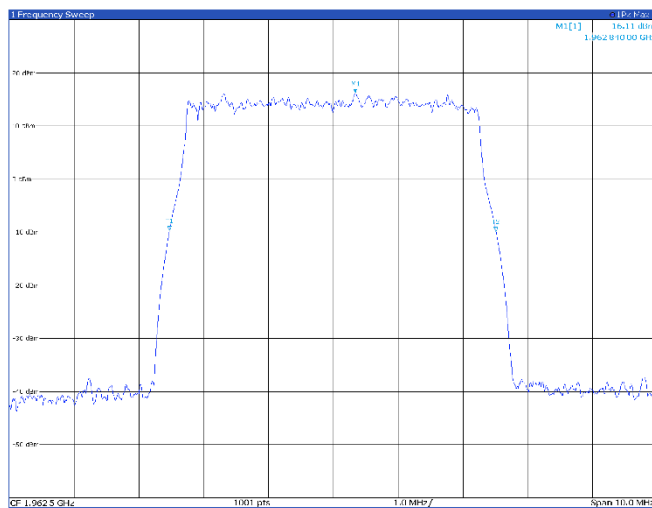
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.99268 GHz	13.84 dBm	nB	30.0 dB	5.03 MHz
M2	1	1	1.99268 GHz	-12.40 dBm	nB	down BW	5.03 MHz
M3	1	1	1.99268 GHz	-12.40 dBm	nB	up BW	5.03 MHz

TM3p3, 5 MHz, low channel



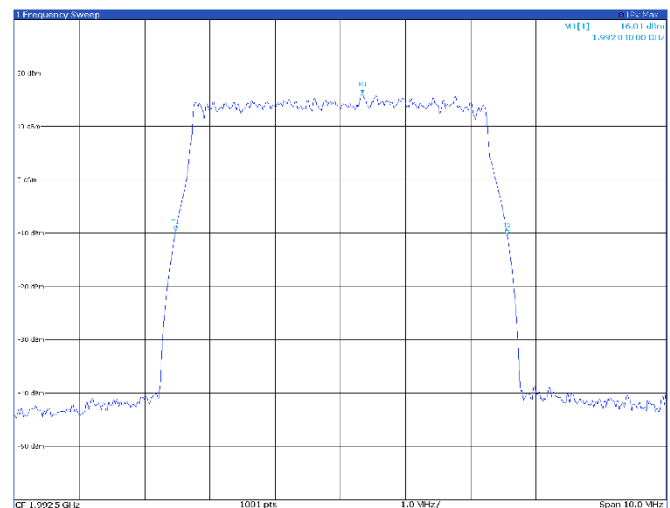
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.99268 GHz	13.82 dBm	nB	30.0 dB	5.01 MHz
M2	1	1	1.99268 GHz	-11.90 dBm	nB	down BW	5.01 MHz
M3	1	1	1.99268 GHz	-12.40 dBm	nB	up BW	5.01 MHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.99268 GHz	16.11 dBm	nB	30.0 dB	5.04 MHz
M2	1	1	1.99268 GHz	-9.71 dBm	nB	down BW	5.04 MHz
M3	1	1	1.99268 GHz	-12.40 dBm	nB	up BW	5.04 MHz

TM3p3, 5 MHz, high channel

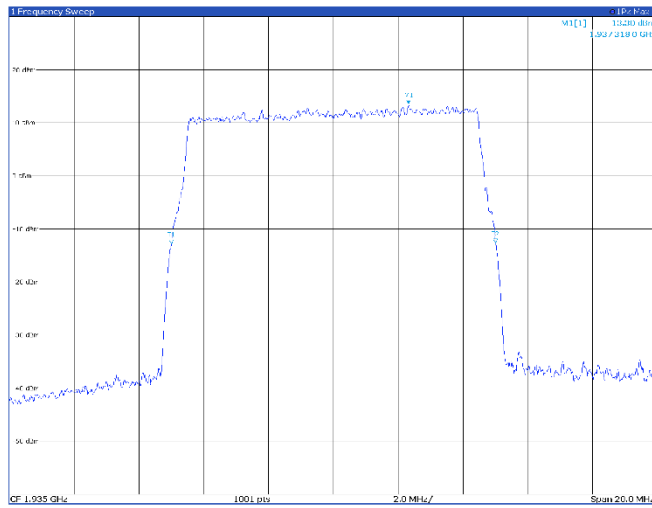


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.99268 GHz	16.01 dBm	nB	30.0 dB	5.08 MHz
M2	1	1	1.99268 GHz	-9.62 dBm	nB	down BW	5.08 MHz
M3	1	1	1.99268 GHz	-12.40 dBm	nB	up BW	5.08 MHz

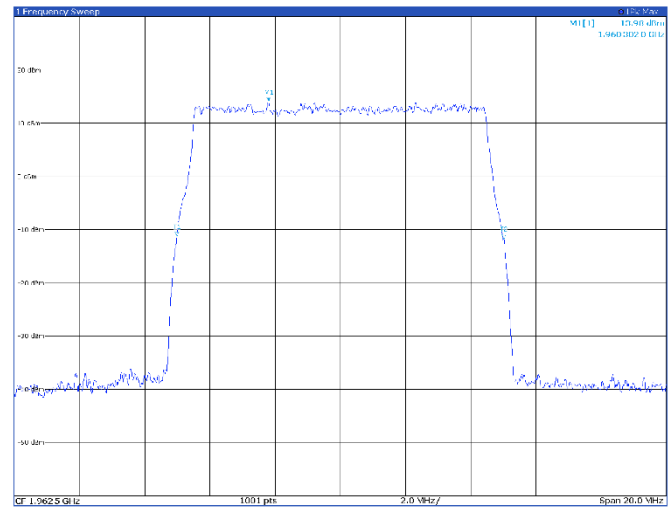
Band B25

10 MHz

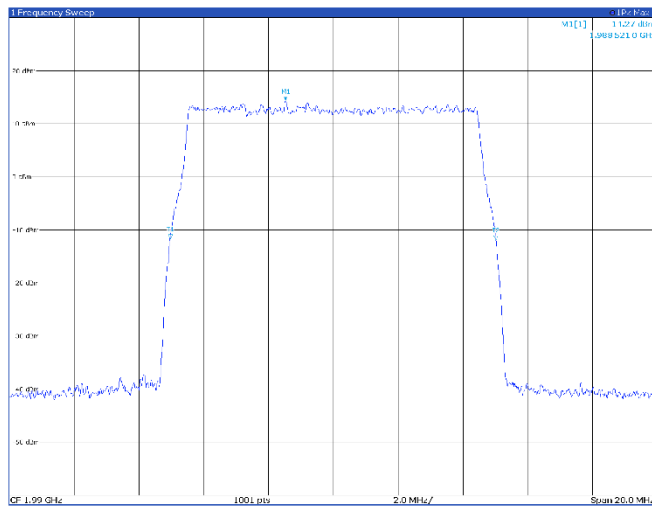
TM1.1, 10 MHz, low channel



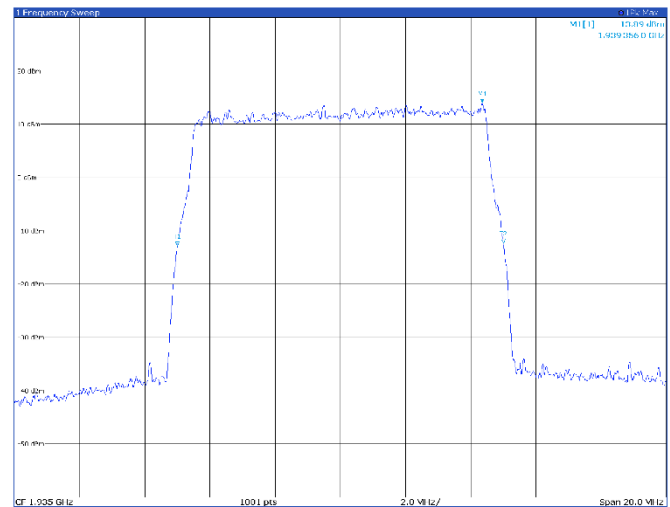
TM1.1, 10 MHz, mid channel



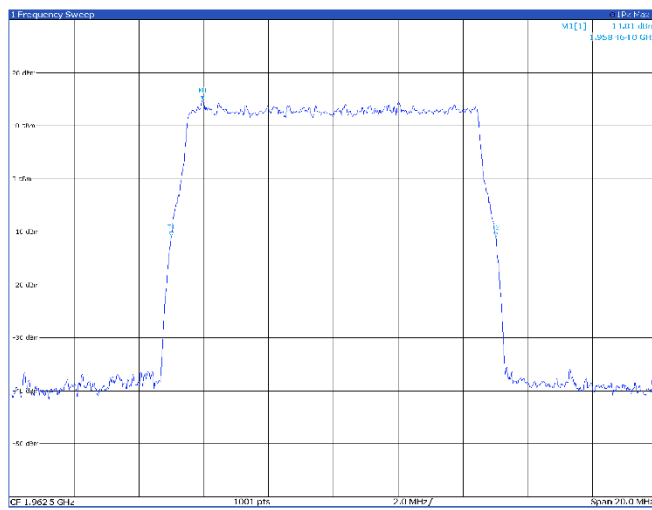
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

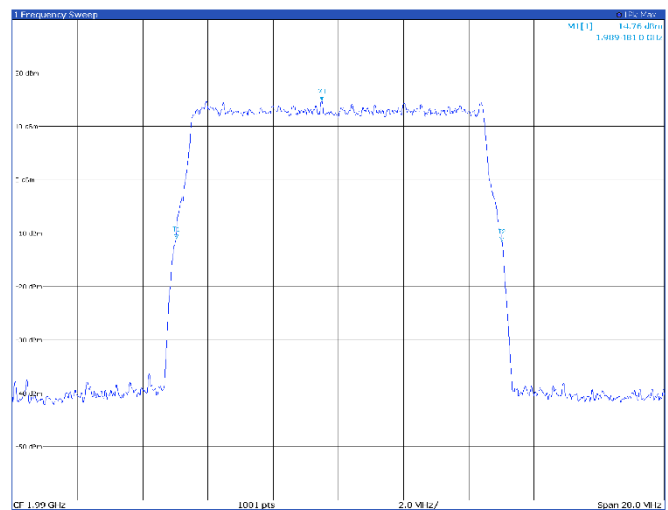


TM3p1, 10 MHz, mid channel



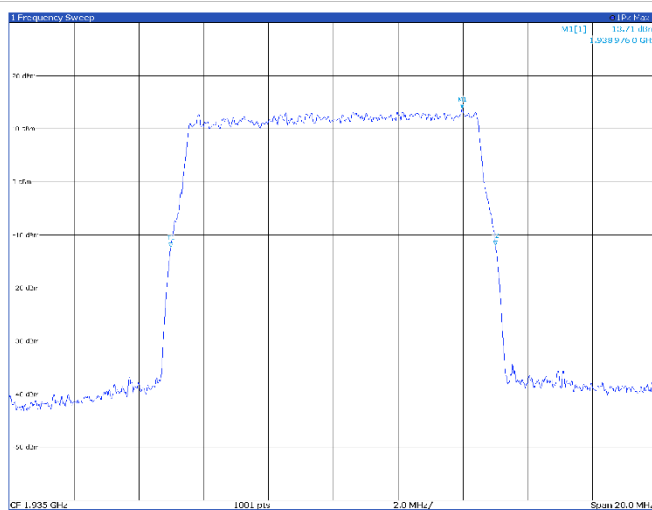
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.9875 GHz	14.76 dBm	nB	20.0 dB
M1	1	1	1.9875 GHz	-10.0 dBm	mB down BW	10.01 MHz
M1	1	1	1.9875 GHz	1.9875 GHz	Q-factor	10.0

TM3p1, 10 MHz, high channel



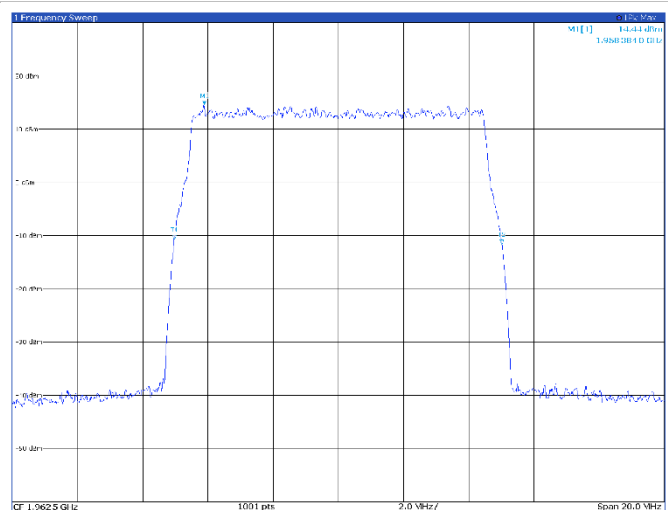
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.9975 GHz	14.76 dBm	nB	20.0 dB
M1	1	1	1.9975 GHz	-10.0 dBm	mB down BW	9.99 MHz
M1	1	1	1.9975 GHz	1.9975 GHz	Q-factor	10.0

TM3p1a, 10 MHz, low channel



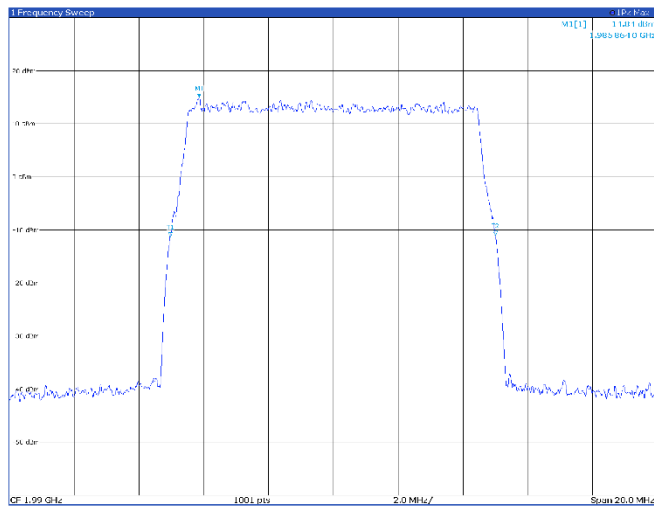
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.9875 GHz	13.71 dBm	nB	20.0 dB
M1	1	1	1.9875 GHz	-12.0 dBm	mB down BW	10.01 MHz
M1	1	1	1.9875 GHz	1.9875 GHz	Q-factor	10.0

TM3p1a, 10 MHz, mid channel



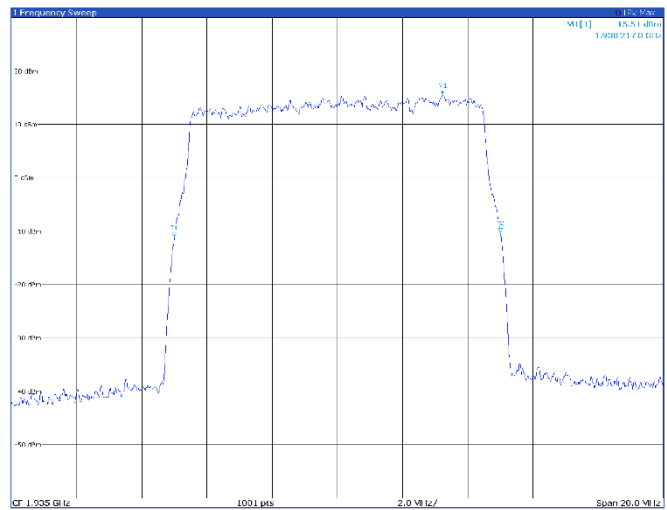
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.9875 GHz	14.44 dBm	nB	20.0 dB
M1	1	1	1.9875 GHz	-10.0 dBm	mB down BW	10.05 MHz
M1	1	1	1.9875 GHz	1.9875 GHz	Q-factor	10.0

TM3p1a, 10 MHz, high channel



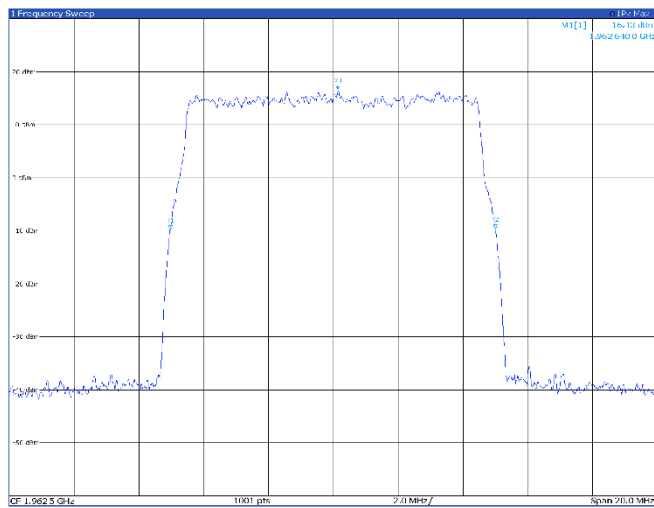
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.995864 GHz	14.84 dBm	nB	20.0 dB
F1	1		1.994925 GHz	-11.2 dBm	nB down BW	10.03 MHz
F2	1		1.996803 GHz	-11.2 dBm	nB down BW	10.03 MHz

TM3p3, 10 MHz, low channel



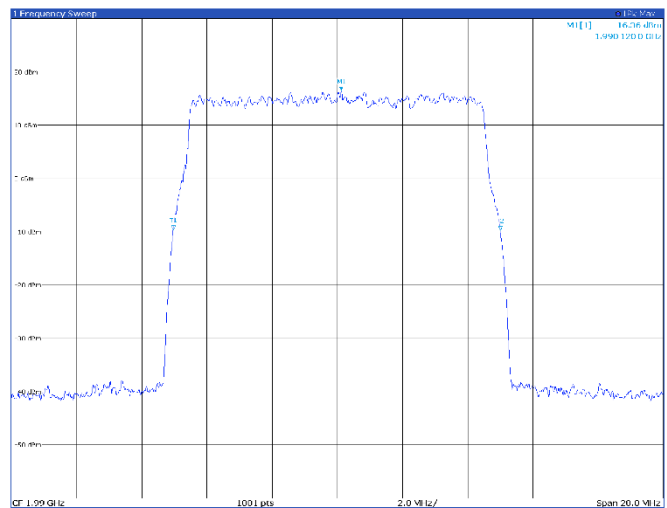
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.998217 GHz	15.51 dBm	nB	20.0 dB
F1	1		1.997012 GHz	-11.0 dBm	nB down BW	9.99 MHz
F2	1		1.999435 GHz	-11.0 dBm	nB down BW	9.99 MHz

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.99264 GHz	16.43 dBm	nB	20.0 dB
F1	1		1.991425 GHz	-9.2 dBm	nB down BW	10.03 MHz
F2	1		1.994855 GHz	-9.2 dBm	nB down BW	10.03 MHz

TM3p3, 10 MHz, high channel

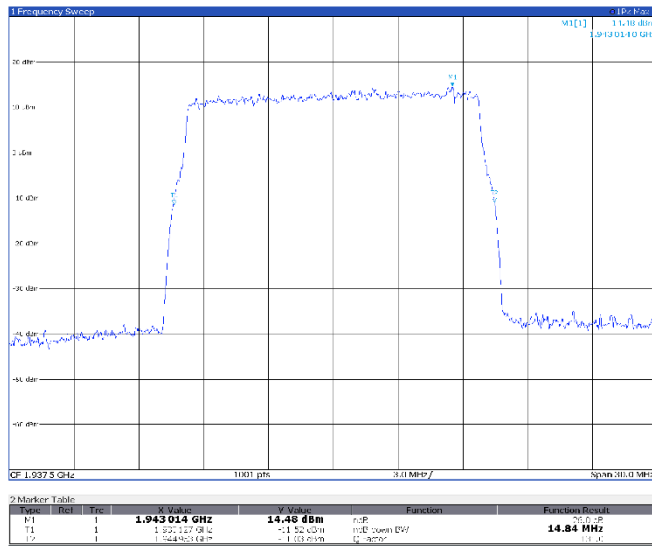


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	1		1.99012 GHz	16.36 dBm	nB	20.0 dB
F1	1		1.989195 GHz	-9.4 dBm	nB down BW	10.03 MHz
F2	1		1.991435 GHz	-9.4 dBm	nB down BW	10.03 MHz

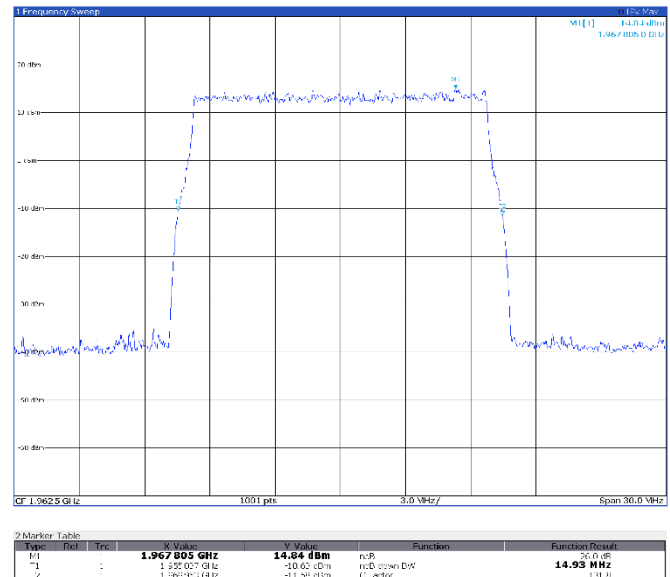
Band B25

15 MHz

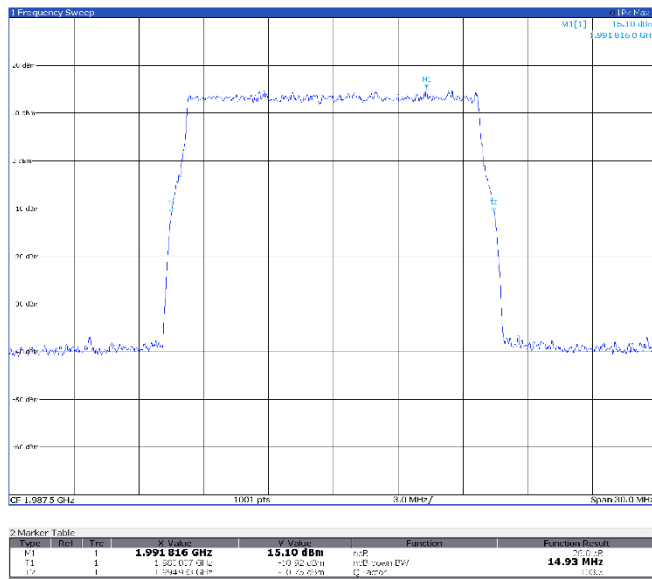
TM1.1, 15 MHz, low channel



TM1.1, 15 MHz, mid channel



TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

