

RADIO TEST REPORT

REP061278

Date of issue: October 18, 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

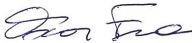
Specifications:

◆ **FCC 47 CFR Part 24E**

Personal Communications Services - Broadband PCS

Lab and test locations

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Reviewed by	D. Guarnone
Review date	October 28, 2024
Signature	 Firmato digitalmente da Guarnone Daniele

Limits of responsibility

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

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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
REP061278	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	PRJ00630770002

3.2 EUT information

Product name	RPM-A61L1-25
Model	7847591-02
Part Number	7847591-02
Serial number	SZRMAG24170035

3.3 Technical information

Frequency band	n25: 1930-1995 MHz
RF power Max (W), Conducted	max Port 1 = 25.1 dBm (0.32 W) – max Port 2 = 24.7 dBm (0.30 W); max comb. Port 1 + Port 2 = 27.8 dBm (0.60 W) @ 1985.0 MHz (with 20 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

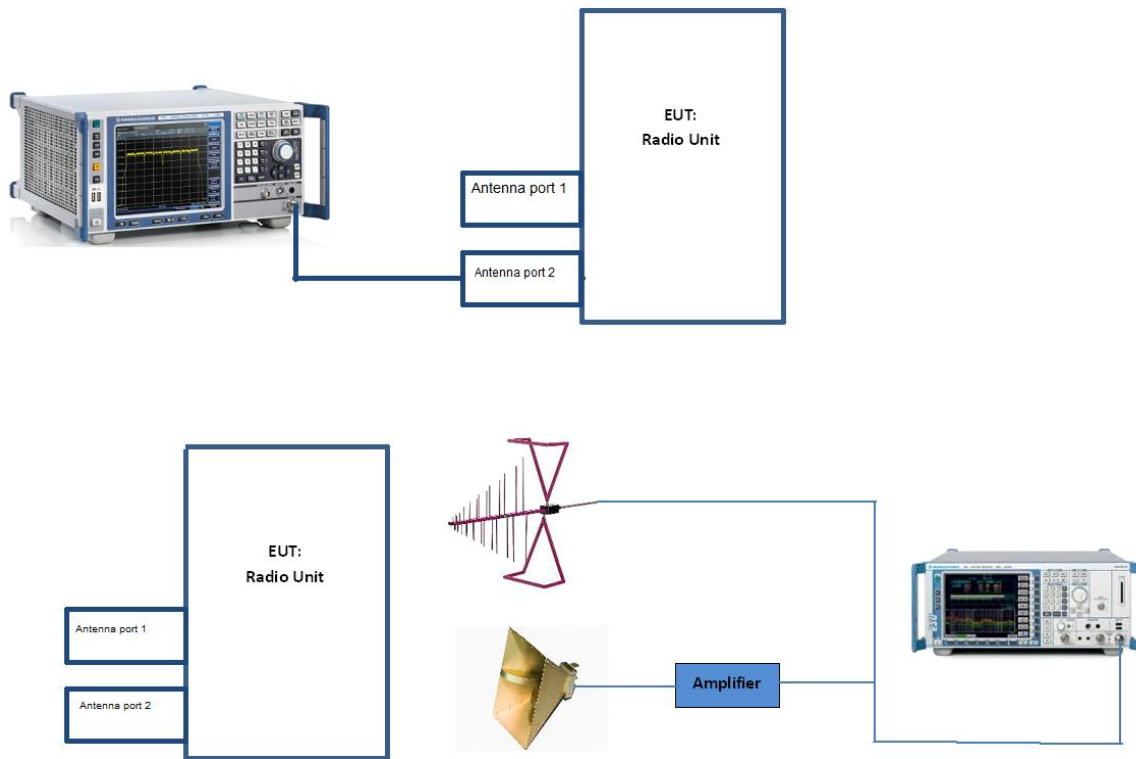


Figure 3.6-1: Setup diagram

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 26, 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 n25:

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 26, 2024	Temperature	22 °C
Test end date	October 11, 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 n25: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM1.1	1932.5	3.99
n25	5 MHz	TM1.1	1962.5	3.99
n25	5 MHz	TM1.1	1992.5	3.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p1	1932.5	3.97
n25	5 MHz	TM3p1	1962.5	3.97
n25	5 MHz	TM3p1	1992.5	3.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p1a	1932.5	3.99
n25	5 MHz	TM3p1a	1962.5	3.96
n25	5 MHz	TM3p1a	1992.5	3.98

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p3	1932.5	4.02
n25	5 MHz	TM3p3	1962.5	4.02
n25	5 MHz	TM3p3	1992.5	4.01

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM1.1	1935.0	8.67
n25	10 MHz	TM1.1	1962.5	8.67
n25	10 MHz	TM1.1	1990.0	8.67

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p1	1935.0	8.63
n25	10 MHz	TM3p1	1962.5	8.63
n25	10 MHz	TM3p1	1990.0	8.66

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p1a	1935.0	8.62
n25	10 MHz	TM3p1a	1962.5	8.63
n25	10 MHz	TM3p1a	1990.0	8.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p3	1935.0	8.52
n25	10 MHz	TM3p3	1962.5	8.52
n25	10 MHz	TM3p3	1990.0	8.51

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM1.1	1937.5	13.61
n25	15 MHz	TM1.1	1962.5	13.63
n25	15 MHz	TM1.1	1987.5	13.63
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p1	1937.5	13.59
n25	15 MHz	TM3p1	1962.5	13.61
n25	15 MHz	TM3p1	1987.5	13.61
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p1a	1937.5	13.59
n25	15 MHz	TM3p1a	1962.5	13.63
n25	15 MHz	TM3p1a	1987.5	13.61
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p3	1937.5	13.46
n25	15 MHz	TM3p3	1962.5	13.46
n25	15 MHz	TM3p3	1987.5	13.46
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM1.1	1940.0	18.21
n25	20 MHz	TM1.1	1962.5	18.25
n25	20 MHz	TM1.1	1985.0	18.24
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p1	1940.0	18.23
n25	20 MHz	TM3p1	1962.5	18.26
n25	20 MHz	TM3p1	1985.0	18.26
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p1a	1940.0	18.23
n25	20 MHz	TM3p1a	1962.5	18.26
n25	20 MHz	TM3p1a	1985.0	18.25
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p3	1940.0	18.28
n25	20 MHz	TM3p3	1962.5	18.32
n25	20 MHz	TM3p3	1985.0	18.31

Band n25: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM1.1	1932.5	3.98
n25	5 MHz	TM1.1	1962.5	3.98
n25	5 MHz	TM1.1	1992.5	3.99

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p1	1932.5	3.97
n25	5 MHz	TM3p1	1962.5	3.97
n25	5 MHz	TM3p1	1992.5	3.97

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p1a	1932.5	3.99
n25	5 MHz	TM3p1a	1962.5	3.99
n25	5 MHz	TM3p1a	1992.5	4.00

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	5 MHz	TM3p3	1932.5	4.00
n25	5 MHz	TM3p3	1962.5	4.01
n25	5 MHz	TM3p3	1992.5	4.02

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM1.1	1935.0	8.66
n25	10 MHz	TM1.1	1962.5	8.67
n25	10 MHz	TM1.1	1990.0	8.67

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p1	1935.0	8.64
n25	10 MHz	TM3p1	1962.5	8.63
n25	10 MHz	TM3p1	1990.0	8.66

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p1a	1935.0	8.62
n25	10 MHz	TM3p1a	1962.5	8.63
n25	10 MHz	TM3p1a	1990.0	8.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	10 MHz	TM3p3	1935.0	8.52
n25	10 MHz	TM3p3	1962.5	8.52
n25	10 MHz	TM3p3	1990.0	8.51

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM1.1	1937.5	13.59
n25	15 MHz	TM1.1	1962.5	13.62
n25	15 MHz	TM1.1	1987.5	13.63

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p1	1937.5	13.59
n25	15 MHz	TM3p1	1962.5	13.60
n25	15 MHz	TM3p1	1987.5	13.62

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p1a	1937.5	13.60
n25	15 MHz	TM3p1a	1962.5	13.63
n25	15 MHz	TM3p1a	1987.5	13.61

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	15 MHz	TM3p3	1937.5	13.44
n25	15 MHz	TM3p3	1962.5	13.47
n25	15 MHz	TM3p3	1987.5	13.46

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM1.1	1940.0	18.23
n25	20 MHz	TM1.1	1962.5	18.25
n25	20 MHz	TM1.1	1985.0	18.24

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p1	1940.0	18.20
n25	20 MHz	TM3p1	1962.5	18.26
n25	20 MHz	TM3p1	1985.0	18.24

Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p1a	1940.0	18.23
n25	20 MHz	TM3p1a	1962.5	18.27
n25	20 MHz	TM3p1a	1985.0	18.24

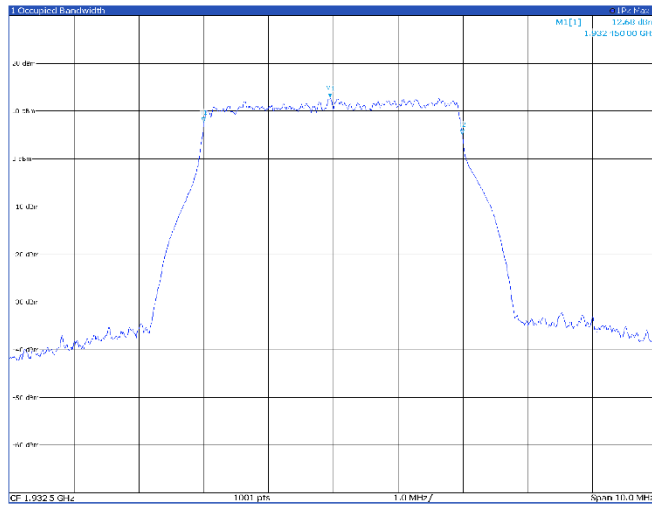
Band	OBW Declared	Modulation	Channel (MHz)	99% OBW (MHz)
n25	20 MHz	TM3p3	1940.0	18.30
n25	20 MHz	TM3p3	1962.5	18.32
n25	20 MHz	TM3p3	1985.0	18.32

Antenna port 1

Band n25

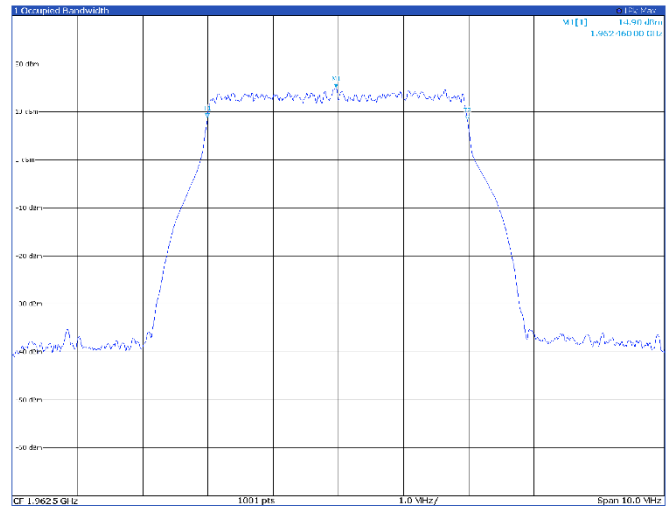
5 MHz

TM1.1, 5 MHz, low channel



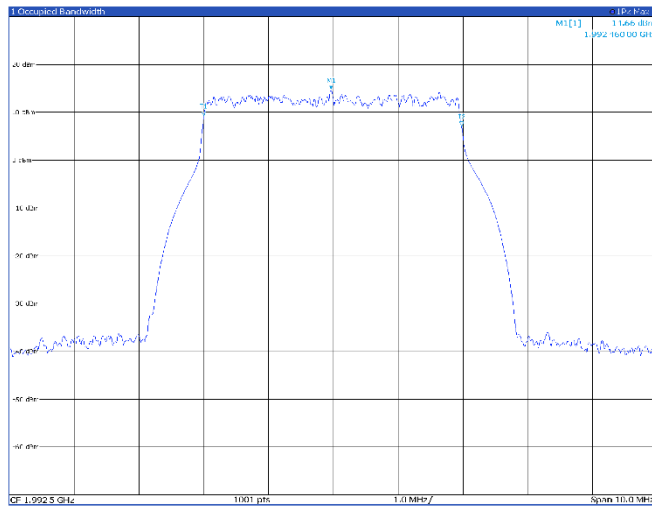
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.93245 GHz	12.68 dBm	Occupied Bandwidth	3.989399996 MHz
M2	1		1.93245 GHz	7.65 dBm	Occupied Bandwidth	1.93245 GHz
M3	1		1.93245 GHz	5.12 dBm	Occupied Bandwidth	1.93245 GHz

TM1.1, 5 MHz, mid channel



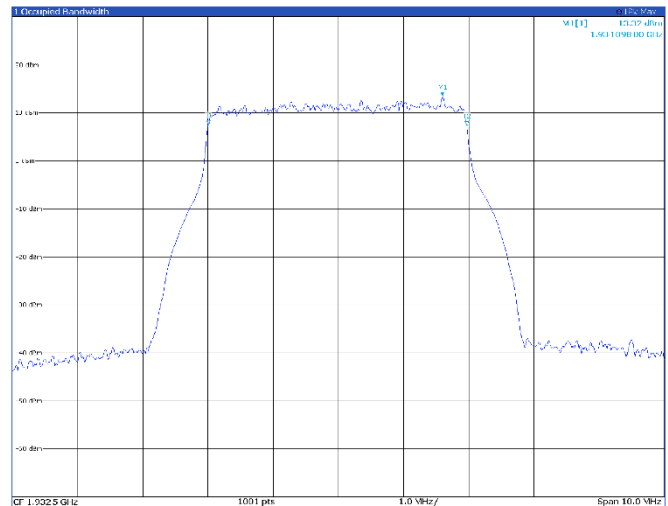
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.93245 GHz	14.90 dBm	Occupied Bandwidth	3.991600778 MHz
M2	1		1.93245 GHz	8.63 dBm	Occupied Bandwidth	1.93245 GHz
M3	1		1.93245 GHz	6.12 dBm	Occupied Bandwidth	1.93245 GHz

TM1.1, 5 MHz, high channel

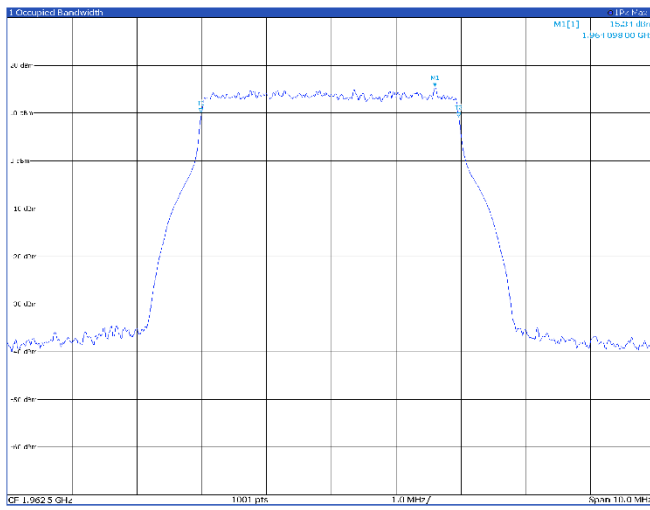


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.93245 GHz	14.66 dBm	Occupied Bandwidth	3.983176281 MHz
M2	1		1.93245 GHz	9.10 dBm	Occupied Bandwidth	1.93245 GHz
M3	1		1.93245 GHz	7.04 dBm	Occupied Bandwidth	1.93245 GHz

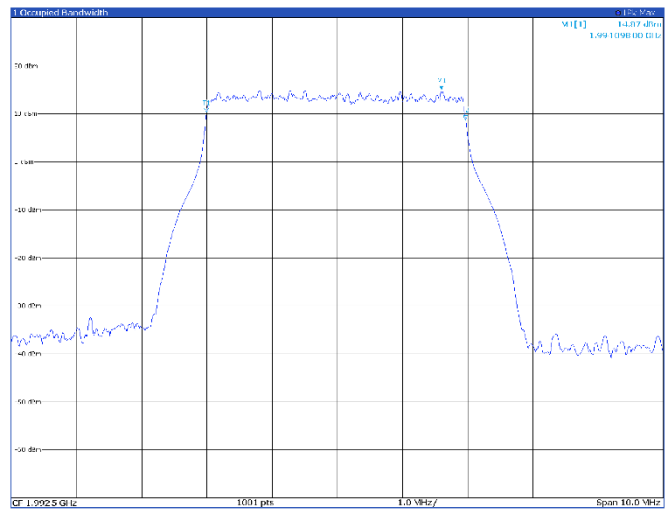
TM3p1, 5 MHz, low channel



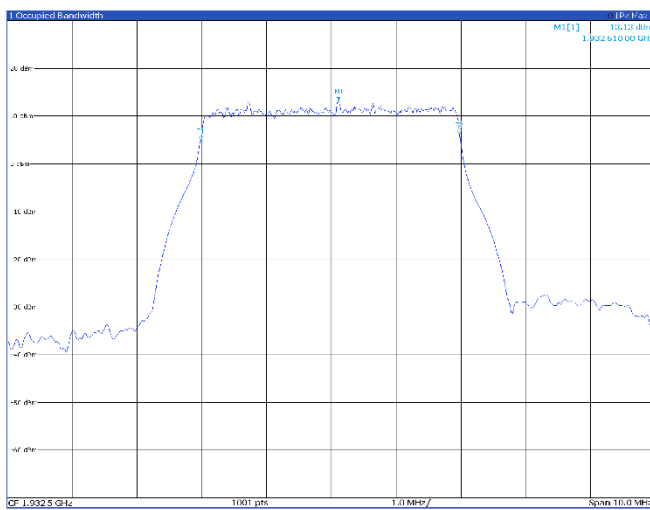
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.934098 GHz	13.32 dBm	Occupied Bandwidth	3.966070268 MHz
M2	1		1.934098 GHz	7.42 dBm	Occupied Bandwidth	1.934098 GHz
M3	1		1.934098 GHz	5.12 dBm	Occupied Bandwidth	1.934098 GHz

TM3p1, 5 MHz, mid channel


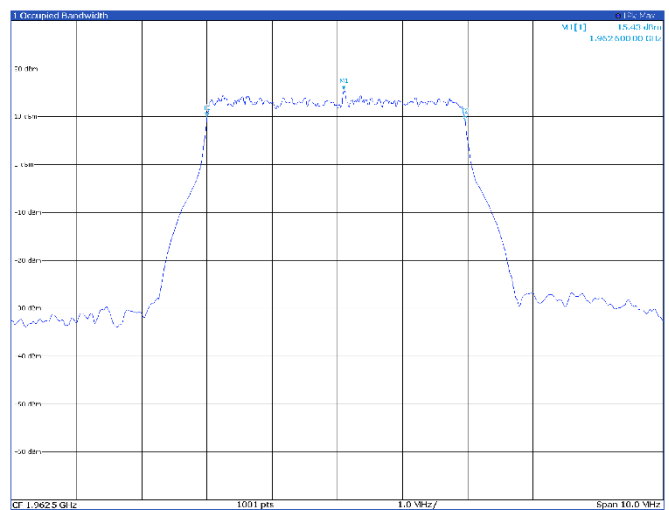
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	1		1.964098 GHz	15.34 dBm		Occ SW	3.974543283 MHz
F1	1		1.964098 GHz	10.00 dBm		Occ SW Control	1.962476942 GHz
F2	1		1.964098 GHz	9.00 dBm		Occ SW Control	1.962500000 GHz

TM3p1, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	1		1.964098 GHz	14.87 dBm		Occ SW	3.976163048 MHz
F1	1		1.964098 GHz	10.00 dBm		Occ SW Control	1.962477937 GHz
F2	1		1.964098 GHz	9.00 dBm		Occ SW Control	1.962500000 GHz

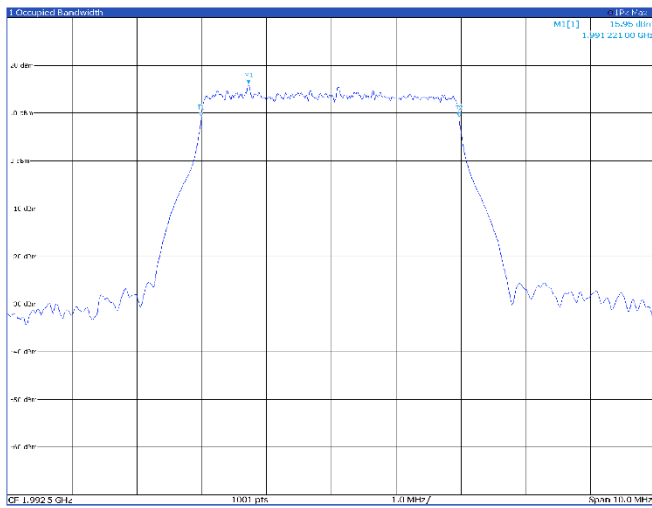
TM3p1a, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	1		1.962511 GHz	13.13 dBm		Occ SW	3.990399511 MHz
F1	1		1.962511 GHz	9.00 dBm		Occ SW Control	1.962480100 GHz
F2	1		1.962511 GHz	8.00 dBm		Occ SW Control	1.962500000 GHz

TM3p1a, 5 MHz, mid channel


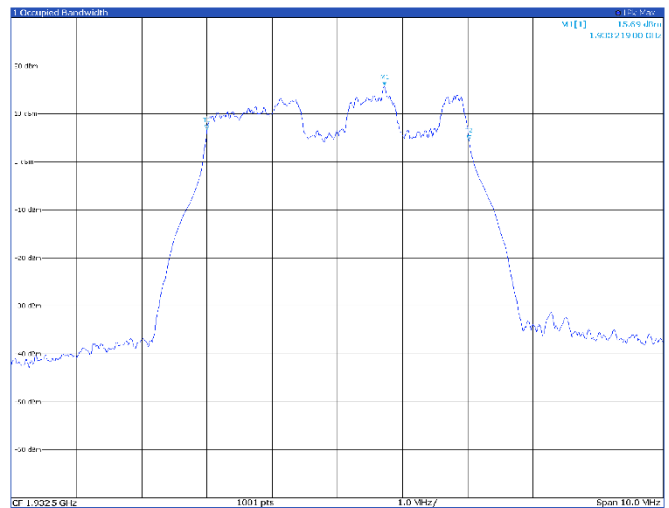
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
F1	1		1.962504 GHz	15.43 dBm		Occ SW	3.962504256 MHz
F1	1		1.962504 GHz	9.00 dBm		Occ SW Control	1.962478913 GHz
F2	1		1.962504 GHz	8.00 dBm		Occ SW Control	1.962500000 GHz

TM3p1a, 5 MHz, high channel



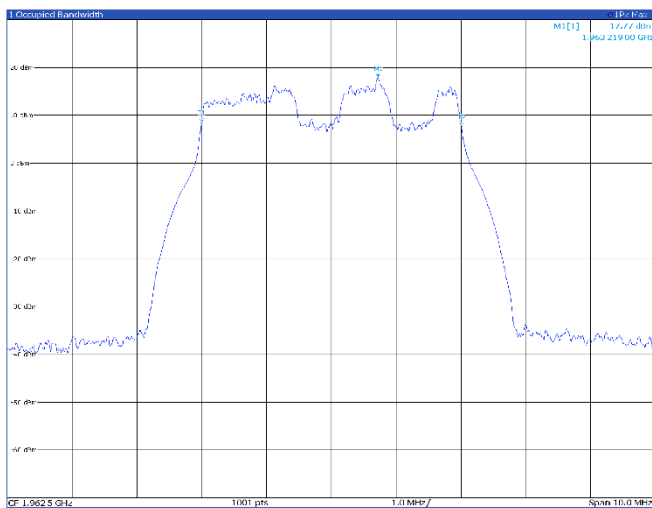
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1	1	1.991221 GHz	15.95 dBm		Occ Sw	3.979363047 MHz
P1	1	1	1.9914020 GHz	9.17 dBm		Occ Sw Channel	1.992479522 GHz
P2	1	1	1.9914020 GHz	9.16 dBm		Occ Sw Channel	2.982763388 MHz

TM3p3, 5 MHz, low channel



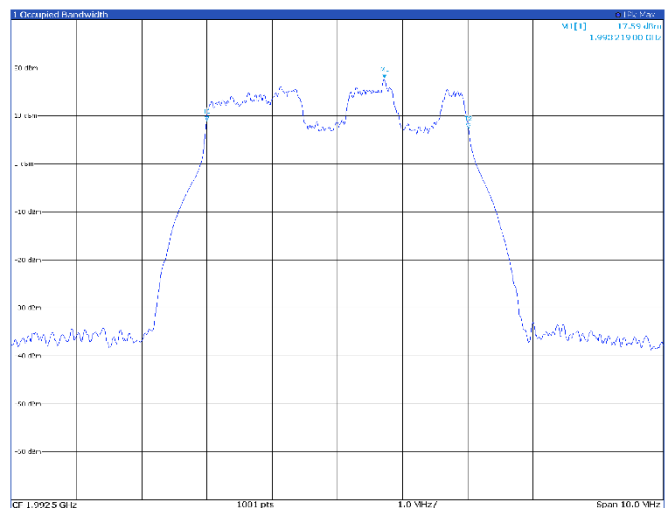
Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1	1	1.933219 GHz	15.69 dBm		Occ Sw	4.021620661 MHz
P1	1	1	1.9314020 GHz	6.71 dBm		Occ Sw Channel	1.992500071 GHz
P2	1	1	1.9314020 GHz	4.47 dBm		Occ Sw Channel	0.000272711 MHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1	1	1.963219 GHz	17.77 dBm		Occ Sw	4.017114483 MHz
P1	1	1	1.9624041 GHz	8.25 dBm		Occ Sw Channel	1.992392235 GHz
P2	1	1	1.9624041 GHz	2.65 dBm		Occ Sw Channel	0.000704411 MHz

TM3p3, 5 MHz, high channel

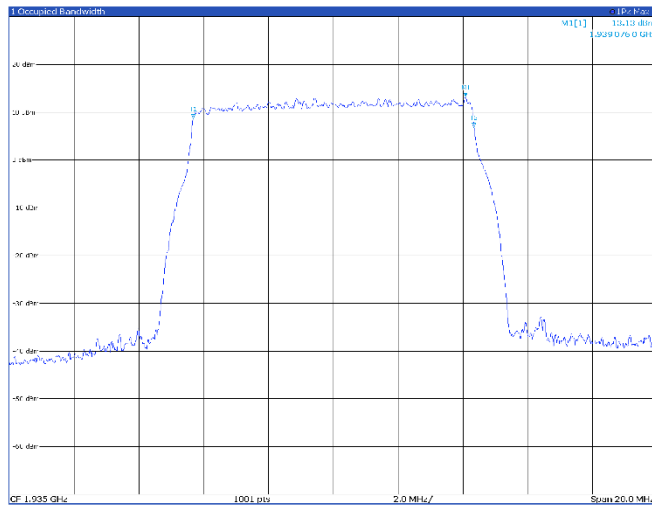


Type	Ref	Trc	X Value	Y Value	Unit	Function	Function Result
P1	1	1	1.993219 GHz	17.59 dBm		Occ Sw	4.014911856 MHz
P1	1	1	1.9914020 GHz	5.07 dBm		Occ Sw Channel	1.992500071 GHz
P2	1	1	1.9914020 GHz	2.07 dBm		Occ Sw Channel	0.000704411 MHz

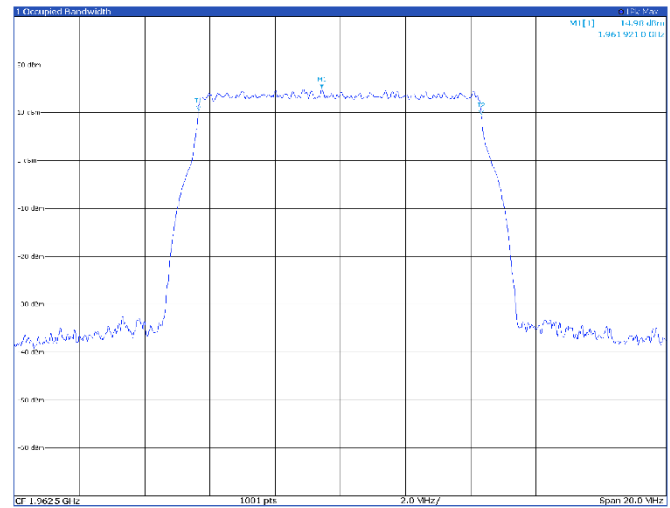
Band n25

10 MHz

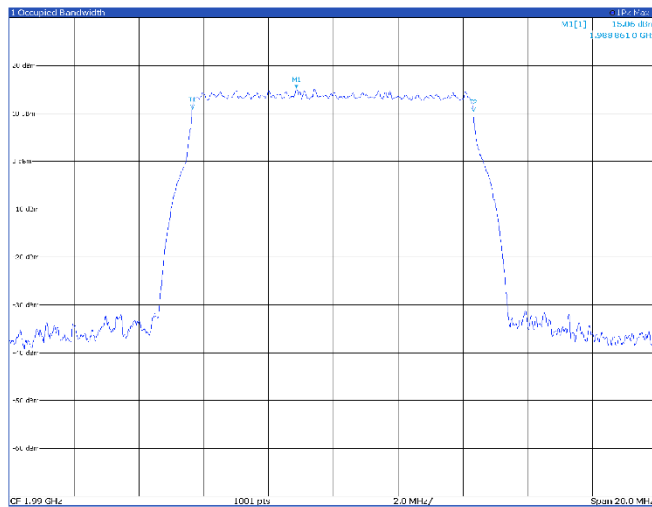
TM1.1, 10 MHz, low channel



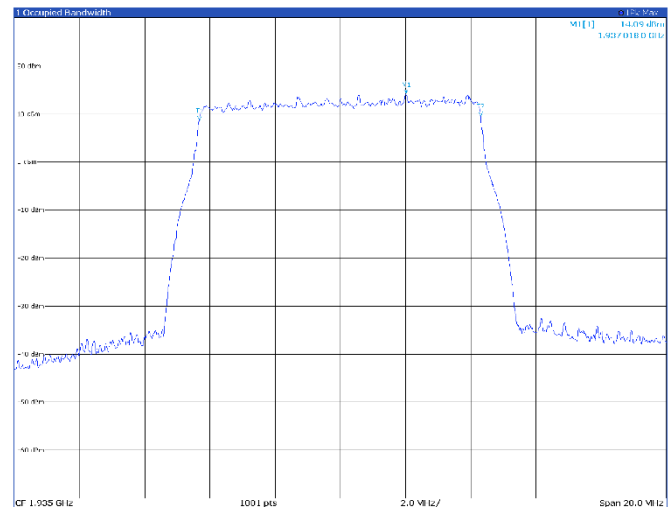
TM1.1, 10 MHz, mid channel

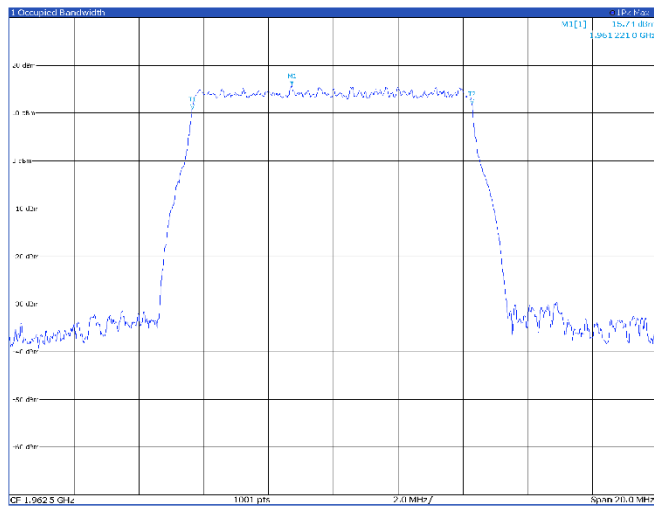


TM1.1, 10 MHz, high channel

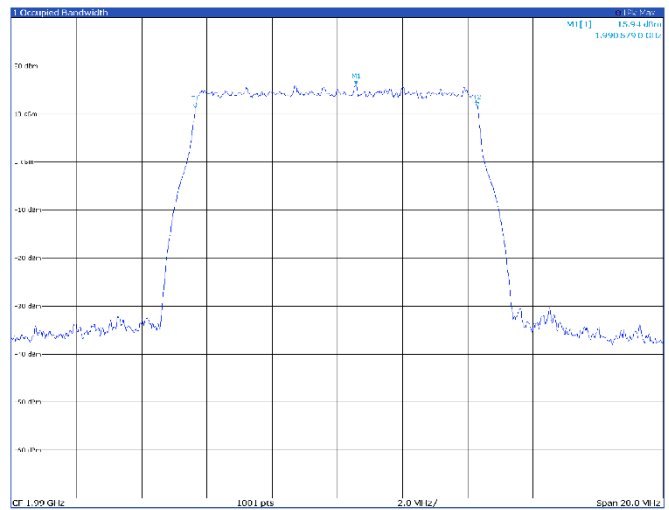


TM3p1, 10 MHz, low channel

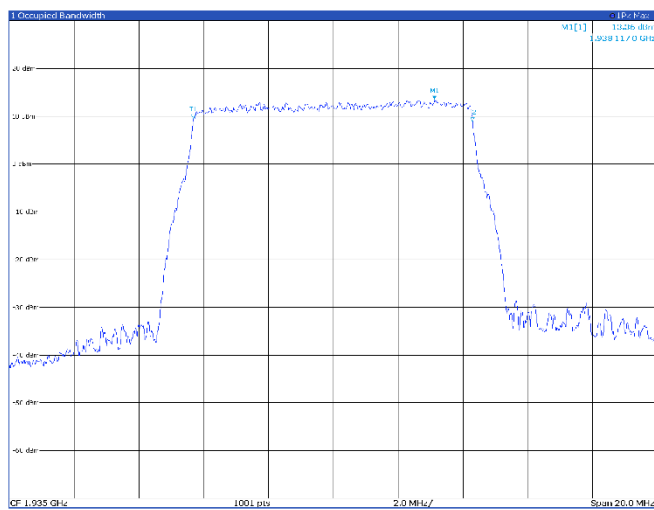


TM3p1, 10 MHz, mid channel


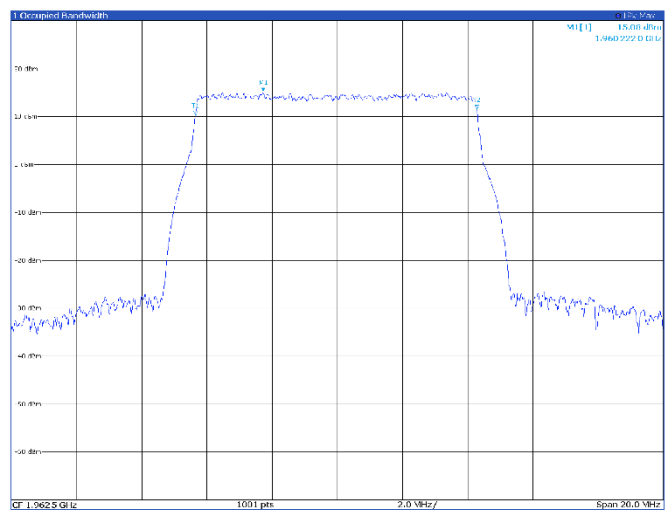
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.961221 GHz	15.74 dBm	Occ Sw	8.63373875 MHz
F1	1		1.9591467 GHz	10.76 dBm	Occ Sw Channel	1.9591467 GHz
F2	1		1.963295 GHz	11.34 dBm	Occ Sw Channel	1.963295 GHz

TM3p1, 10 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.990579 GHz	15.94 dBm	Occ Sw	8.658071928 MHz
F1	1		1.981959 GHz	11.17 dBm	Occ Sw Channel	1.981959 GHz
F2	1		1.999201 GHz	11.51 dBm	Occ Sw Channel	1.999201 GHz

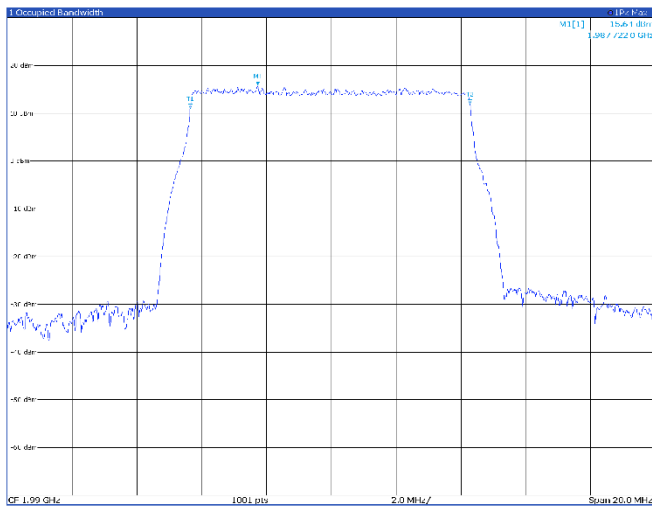
TM3p1a, 10 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.938117 GHz	13.36 dBm	Occ Sw	8.616106621 MHz
F1	1		1.935596 GHz	9.47 dBm	Occ Sw Channel	1.935596 GHz
F2	1		1.940648 GHz	8.84 dBm	Occ Sw Channel	1.940648 GHz

TM3p1a, 10 MHz, mid channel


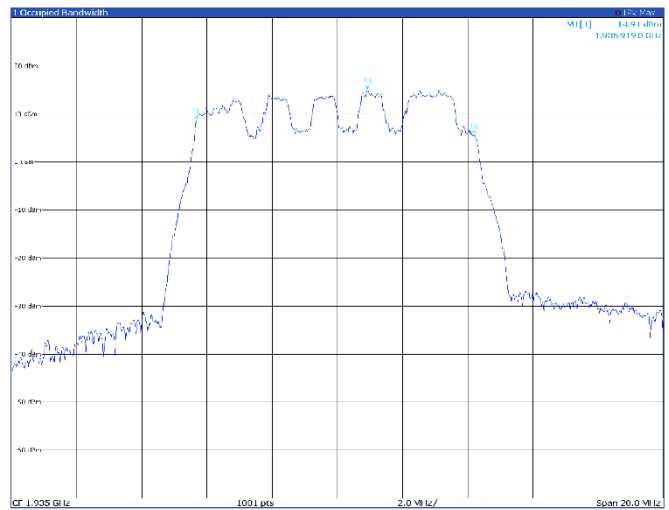
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.960222 GHz	15.08 dBm	Occ Sw	8.628080485 MHz
F1	1		1.958153 GHz	10.27 dBm	Occ Sw Channel	1.958153 GHz
F2	1		1.962291 GHz	11.43 dBm	Occ Sw Channel	1.962291 GHz

TM3p1a, 10 MHz, high channel



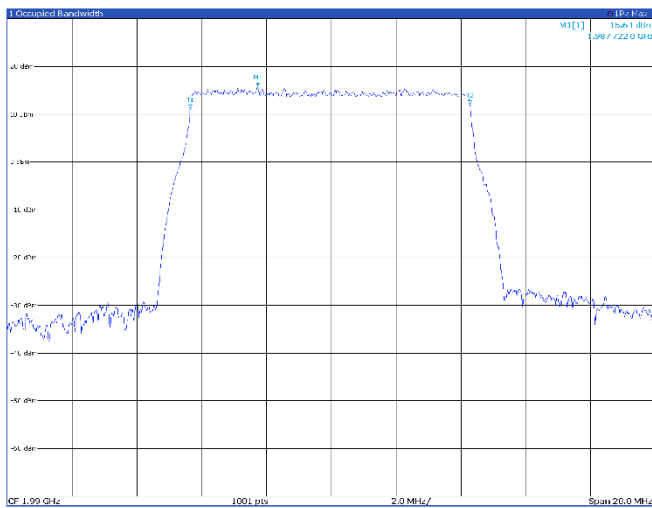
Marker	Ref	Freq	X Value	Y Value	Function	Function Result
M1	1		1.987722 GHz	15.64 dBm	Occ BW	8.62736772 MHz
F1	1		1.985590 GHz	10.70 dBm	Occ BW Control	1.985590 GHz
F2	1		1.989777 GHz	11.50 dBm	Occ BW Control	1.989777 GHz

TM3p3, 10 MHz, low channel



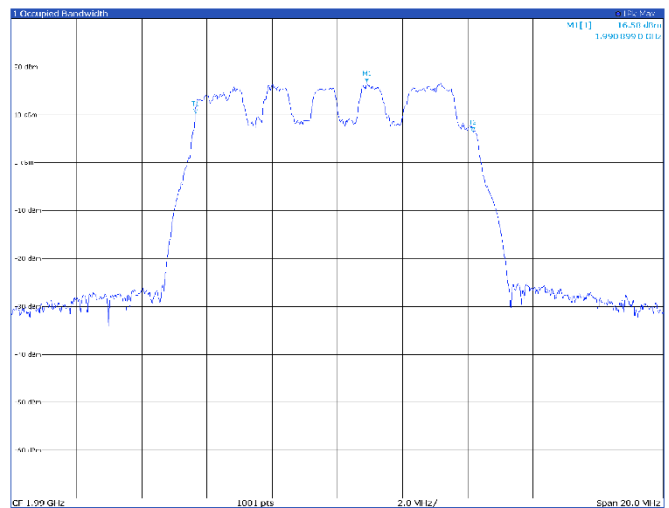
Marker	Ref	Freq	X Value	Y Value	Function	Function Result
M1	1		1.995919 GHz	14.91 dBm	Occ BW	8.523940487 MHz
F1	1		1.993679 GHz	8.47 dBm	Occ BW Control	1.993679 GHz
F2	1		1.998139 GHz	8.48 dBm	Occ BW Control	1.998139 GHz

TM3p3, 10 MHz, mid channel



Marker	Ref	Freq	X Value	Y Value	Function	Function Result
M1	1		1.987722 GHz	15.64 dBm	Occ BW	8.62736772 MHz
F1	1		1.985590 GHz	10.70 dBm	Occ BW Control	1.985590 GHz
F2	1		1.989777 GHz	11.50 dBm	Occ BW Control	1.989777 GHz

TM3p3, 10 MHz, high channel

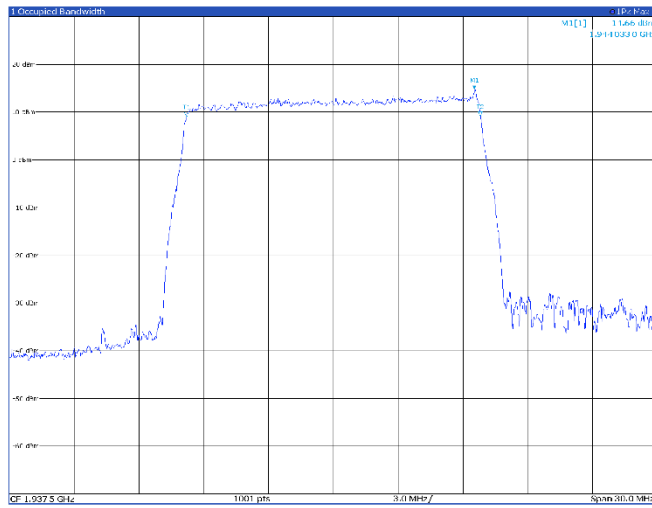


Marker	Ref	Freq	X Value	Y Value	Function	Function Result
M1	1		1.995919 GHz	16.58 dBm	Occ BW	8.512766769 MHz
F1	1		1.993679 GHz	10.23 dBm	Occ BW Control	1.993679 GHz
F2	1		1.998139 GHz	8.57 dBm	Occ BW Control	1.998139 GHz

Band n25

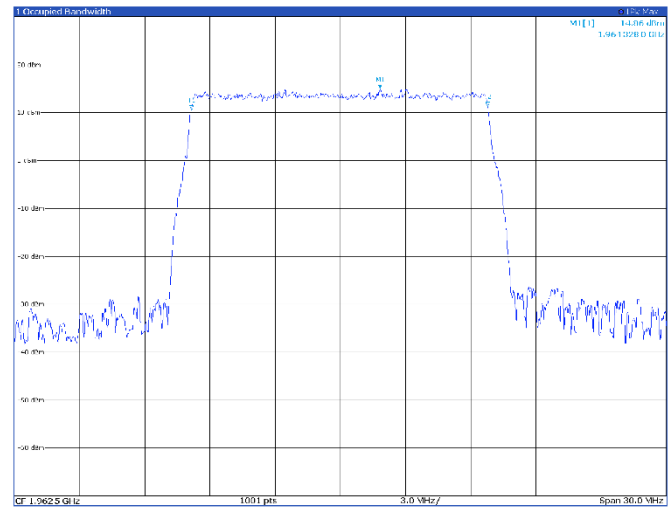
15 MHz

TM1.1, 15 MHz, low channel



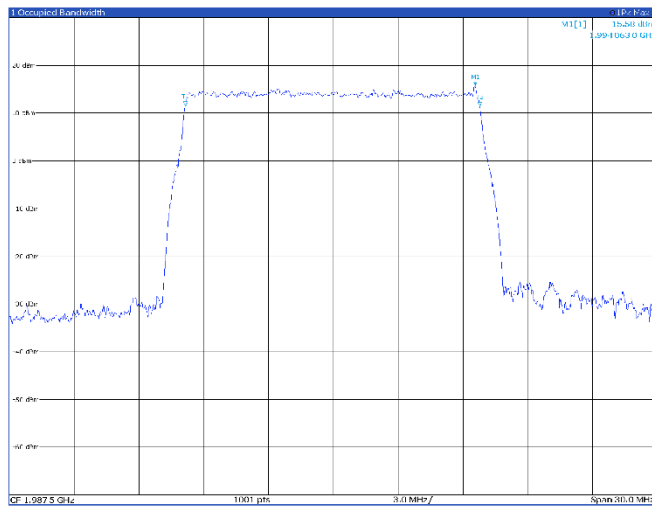
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T2	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz

TM1.1, 15 MHz, mid channel



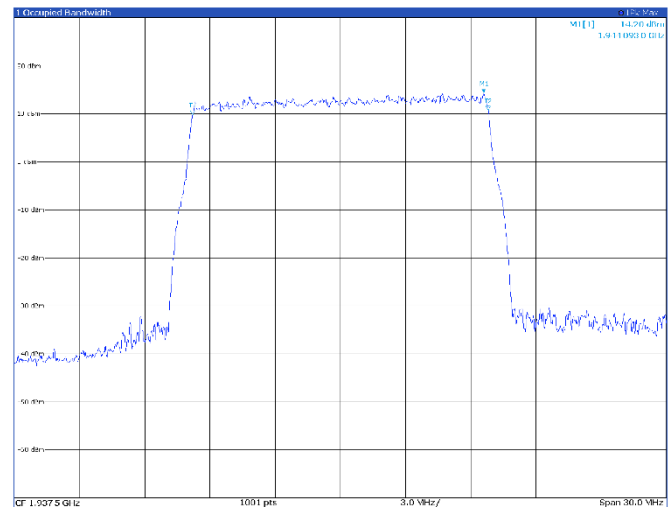
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T2	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz

TM1.1, 15 MHz, high channel



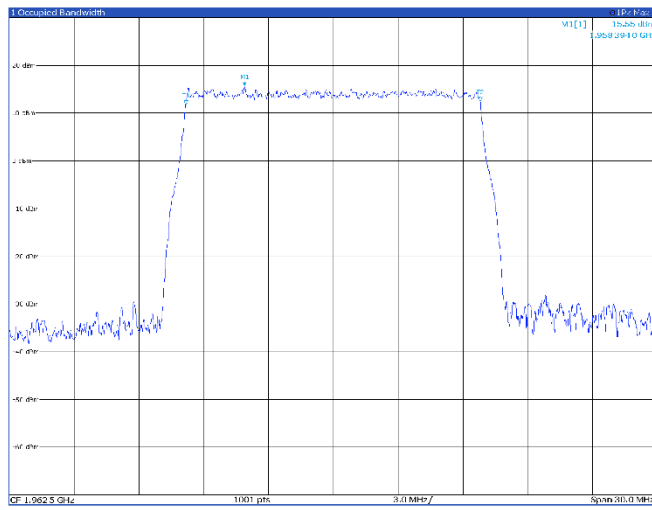
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T2	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz

TM3p1, 15 MHz, low channel



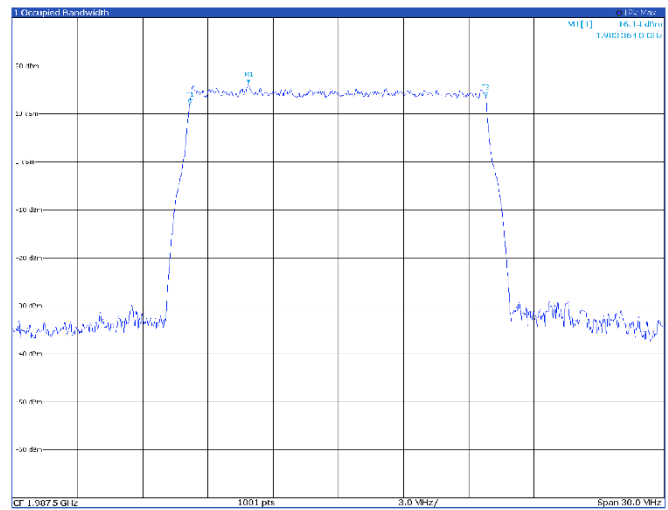
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T1	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz
T2	1		1.944 033 GHz	14.66 dBm	Occupied Bandwidth	13.612742403 MHz

TM3p1, 15 MHz, mid channel



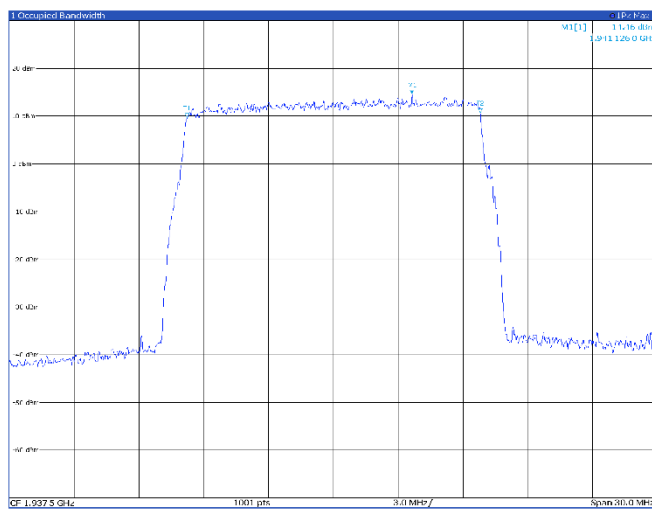
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.958394 GHz	15.55 dBm	Occ Sw	13.6144447 MHz
M1	1		1.958394 GHz	15.55 dBm	Occ Sw Channel	1.958394 GHz
M1	1		1.958394 GHz	15.55 dBm	Occ Sw Channel	1.958394 GHz

TM3p1, 15 MHz, high channel



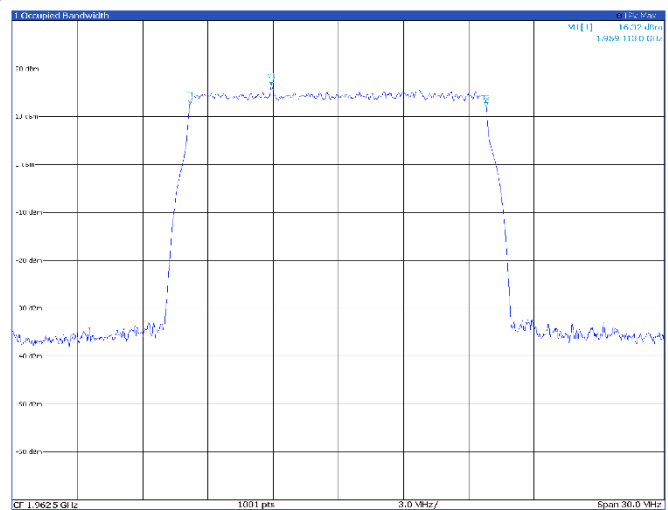
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.963364 GHz	16.14 dBm	Occ Sw	13.613925015 MHz
M1	1		1.963364 GHz	16.14 dBm	Occ Sw Channel	1.963364 GHz
M1	1		1.963364 GHz	16.14 dBm	Occ Sw Channel	1.963364 GHz

TM3p1a, 15 MHz, low channel



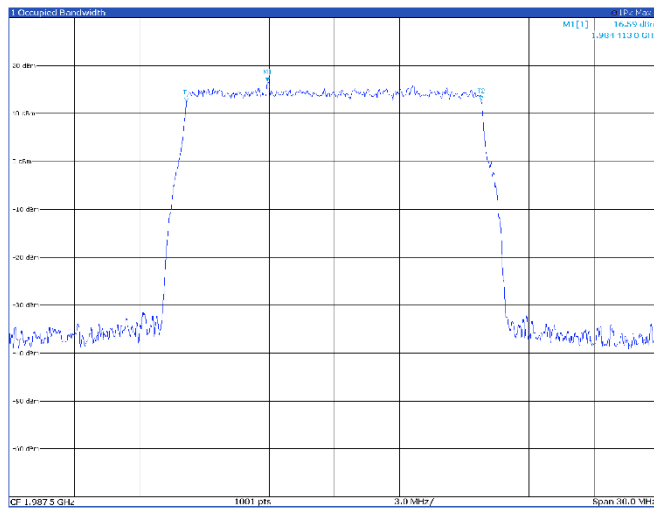
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.941126 GHz	14.46 dBm	Occ Sw	13.586372813 MHz
M1	1		1.941126 GHz	14.46 dBm	Occ Sw Channel	1.941126 GHz
M1	1		1.941126 GHz	14.46 dBm	Occ Sw Channel	1.941126 GHz

TM3p1a, 15 MHz, mid channel



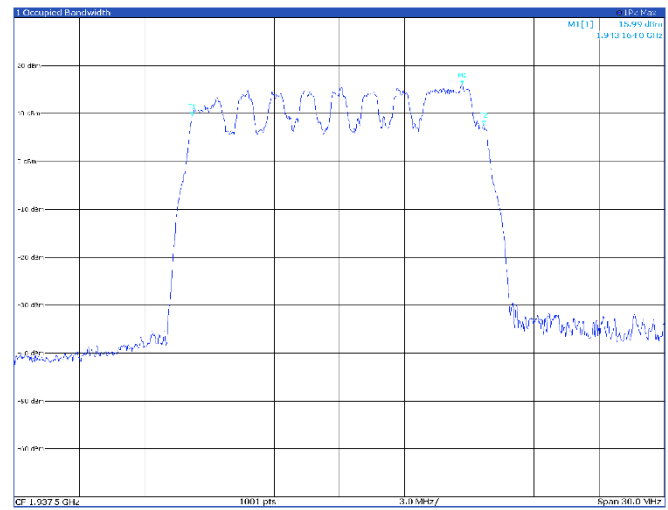
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.959413 GHz	16.32 dBm	Occ Sw	13.629351511 MHz
M1	1		1.959413 GHz	16.32 dBm	Occ Sw Channel	1.959413 GHz
M1	1		1.959413 GHz	16.32 dBm	Occ Sw Channel	1.959413 GHz

TM3p1a, 15 MHz, high channel



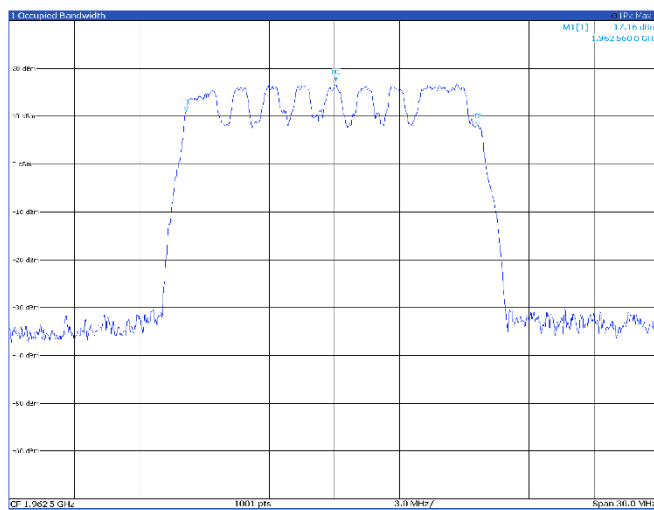
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.984413 GHz	16.59 dBm	Occ. BW	13.613368067 MHz
1	1	1	1.98067075 GHz	12.42 dBm	Occ. BW	1.927477548 GHz
2	1	1	1.9825045 GHz	17.60 dBm	Occ. BW	1.9825045 GHz

TM3p3, 15 MHz, low channel



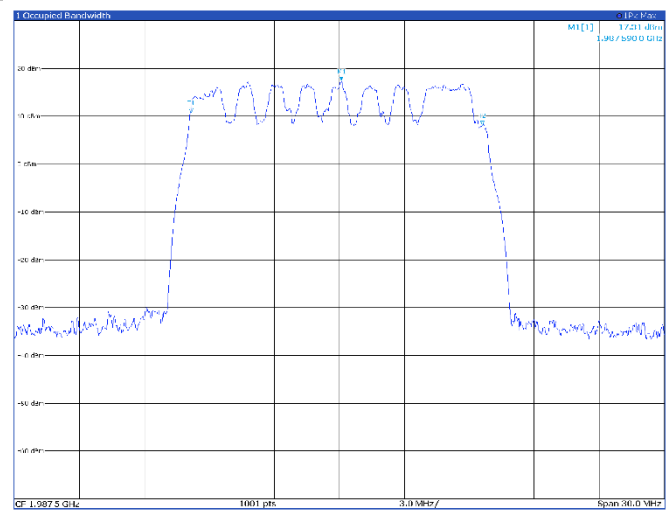
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.943164 GHz	15.99 dBm	Occ. BW	13.463079337 MHz
1	1	1	1.9307905 GHz	9.42 dBm	Occ. BW	1.927429512 GHz
2	1	1	1.9461645 GHz	22.62 dBm	Occ. BW	1.9461645 GHz

TM3p3, 15 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.962556 GHz	17.16 dBm	Occ. BW	13.458662726 MHz
1	1	1	1.9596505 GHz	11.00 dBm	Occ. BW	1.9596505 GHz
2	1	1	1.9654595 GHz	18.04 dBm	Occ. BW	1.9654595 GHz

TM3p3, 15 MHz, high channel

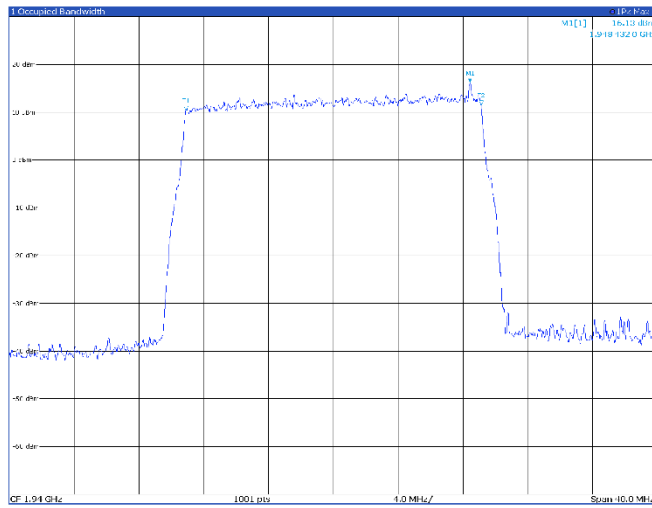


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.98759 GHz	17.31 dBm	Occ. BW	13.455192296 MHz
1	1	1	1.9846955 GHz	10.42 dBm	Occ. BW	1.9846955 GHz
2	1	1	1.9904845 GHz	18.4 dBm	Occ. BW	1.9904845 GHz

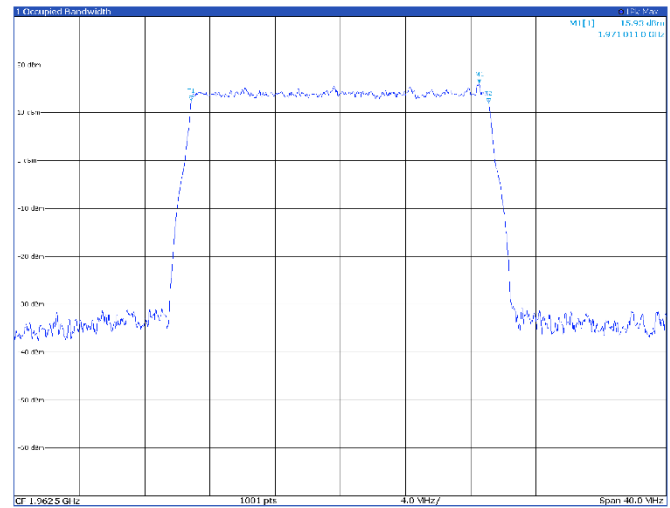
Band n25

20 MHz

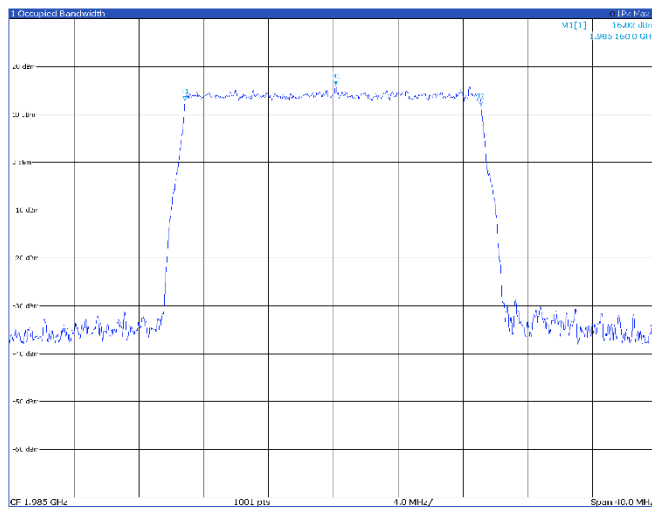
TM1.1, 20 MHz, low channel



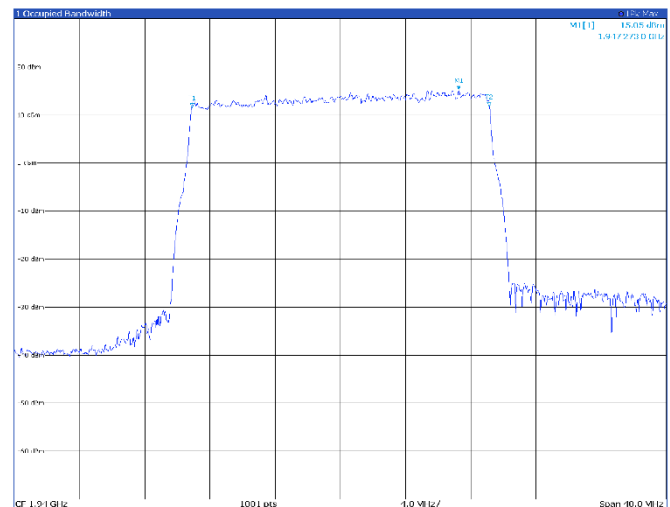
TM1.1, 20 MHz, mid channel



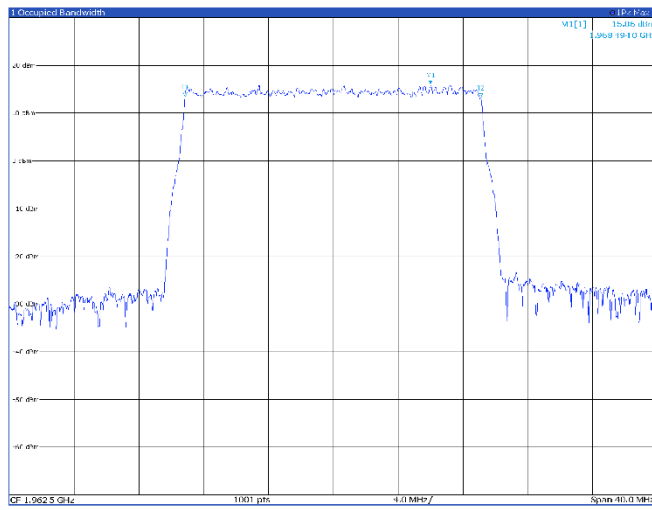
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

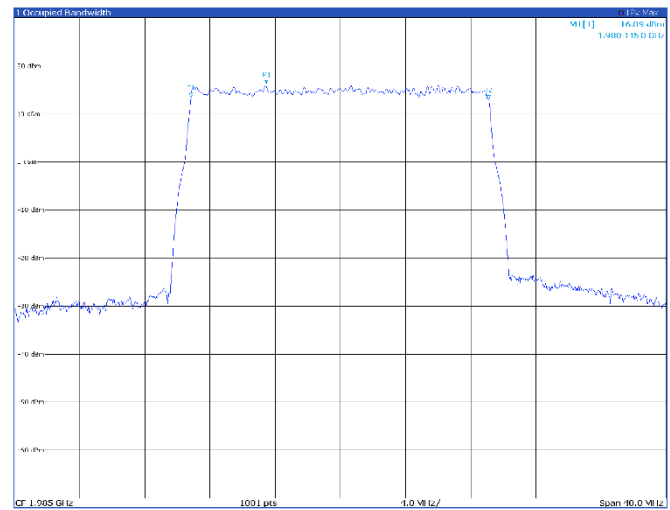


TM3p1, 20 MHz, mid channel



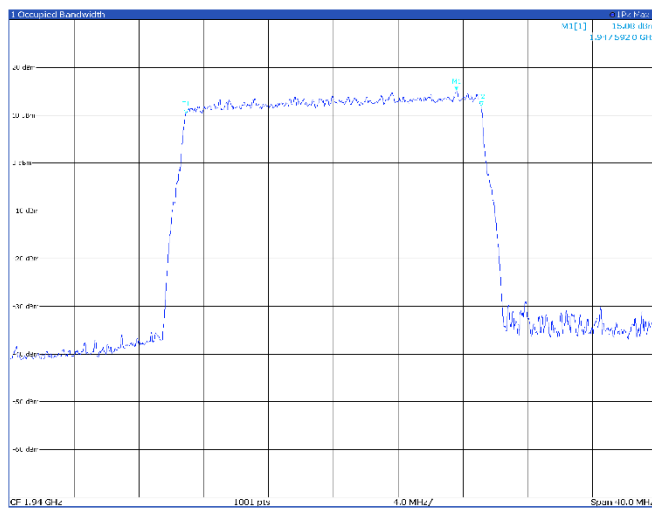
Type	Ref	Trc	X Value	Y Value	Occ Src	Function	Function Result
M1	1		1.968 494 GHz	15.86 dBm	Occ Src		18.258 685 177 MHz
M1	1		1.962 350 GHz	14.42 dBm	Occ Src Control		1.962 400 260 GHz
M2	1		1.973 010 GHz	15.15 dBm	Occ Src Control		18.340 235 118 MHz

TM3p1, 20 MHz, high channel



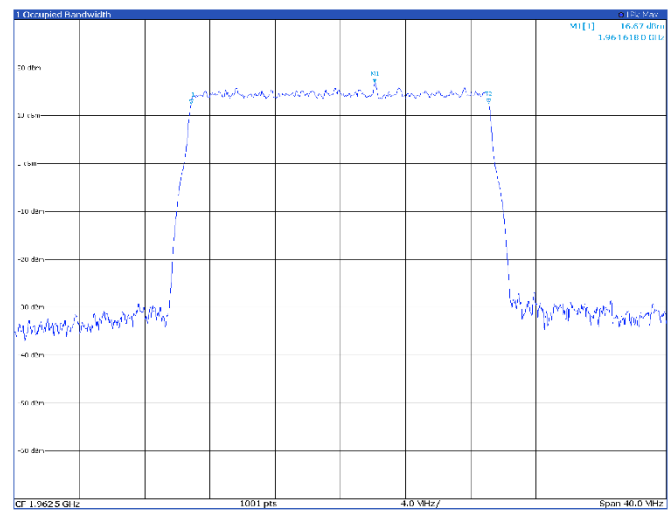
Type	Ref	Trc	X Value	Y Value	Occ Src	Function	Function Result
M1	1		1.960 445 GHz	16.09 dBm	Occ Src		18.260 190 455 MHz
M1	1		1.975 037 GHz	12.41 dBm	Occ Src Control		1.961 507 962 GHz
M2	1		1.954 003 GHz	12.51 dBm	Occ Src Control		18.050 175 116 MHz

TM3p1a, 20 MHz, low channel



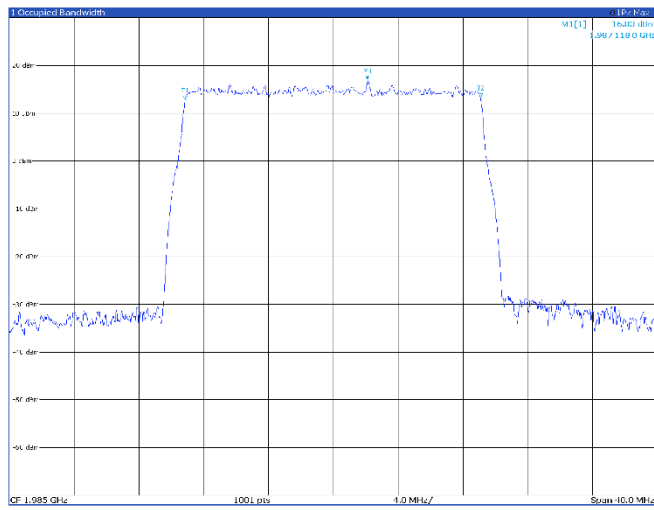
Type	Ref	Trc	X Value	Y Value	Occ Src	Function	Function Result
M1	1		1.947 592 GHz	15.08 dBm	Occ Src		18.228 216 582 MHz
M1	1		1.962 562 GHz	14.42 dBm	Occ Src Control		1.962 562 562 GHz
M2	1		1.944 708 GHz	11.94 dBm	Occ Src Control		6.634 224 967 GHz

TM3p1a, 20 MHz, mid channel



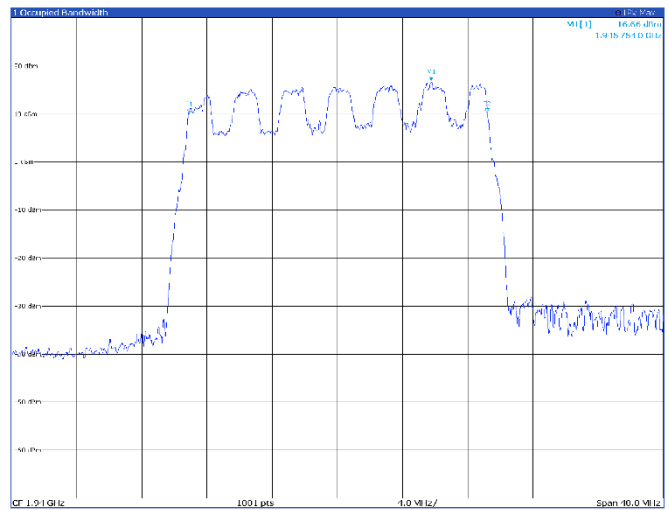
Type	Ref	Trc	X Value	Y Value	Occ Src	Function	Function Result
M1	1		1.960 618 GHz	16.67 dBm	Occ Src		18.264 926 5 MHz
M1	1		1.975 037 GHz	12.41 dBm	Occ Src Control		1.961 507 962 GHz
M2	1		1.954 003 GHz	12.51 dBm	Occ Src Control		18.050 175 116 MHz

TM3p1a, 20 MHz, high channel



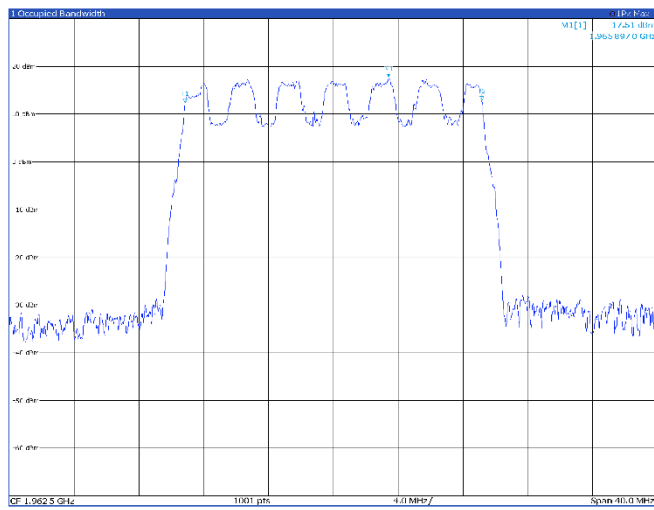
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.987118 GHz	16.83 dBm	Occ Sw	18.248888118 MHz
M1	1		1.985185 GHz	12.77 dBm	Occ Sw Channel	1.984955760 GHz
M2	1		1.985185 GHz	12.77 dBm	Occ Sw -100 dB Offset	18.248888118 MHz

TM3p3, 20 MHz, low channel



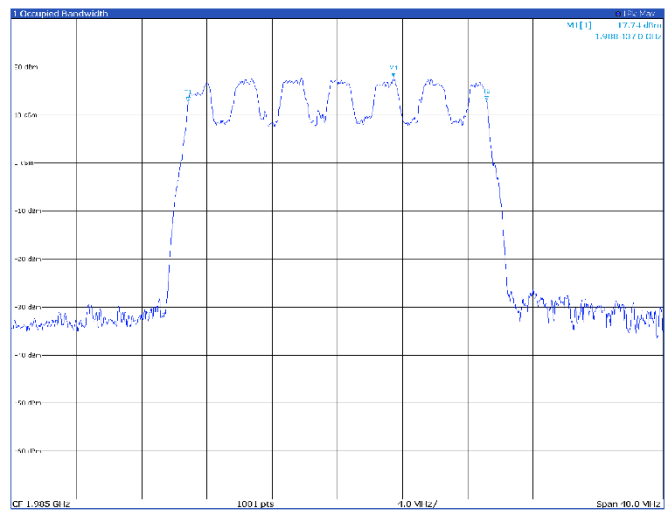
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.945754 GHz	16.66 dBm	Occ Sw	18.262249546 MHz
M1	1		1.945754 GHz	16.66 dBm	Occ Sw Channel	1.9451075 GHz
M2	1		1.945754 GHz	16.66 dBm	Occ Sw -100 dB Offset	18.262249546 MHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.985897 GHz	17.51 dBm	Occ Sw	18.317353546 MHz
M1	1		1.985897 GHz	17.51 dBm	Occ Sw Channel	1.985302520 GHz
M2	1		1.985897 GHz	17.51 dBm	Occ Sw -100 dB Offset	18.317353546 MHz

TM3p3, 20 MHz, high channel



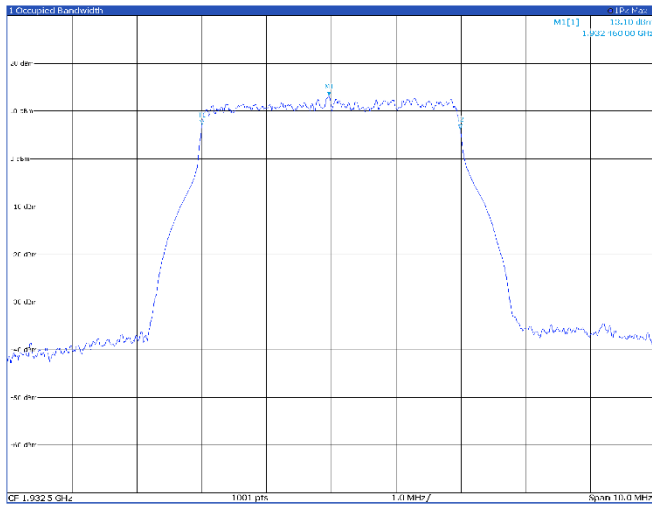
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.988437 GHz	17.74 dBm	Occ Sw	18.314244502 MHz
M1	1		1.988437 GHz	17.74 dBm	Occ Sw Channel	1.987807517 GHz
M2	1		1.988437 GHz	17.74 dBm	Occ Sw -100 dB Offset	18.314244502 MHz

Antenna port 2

Band n25

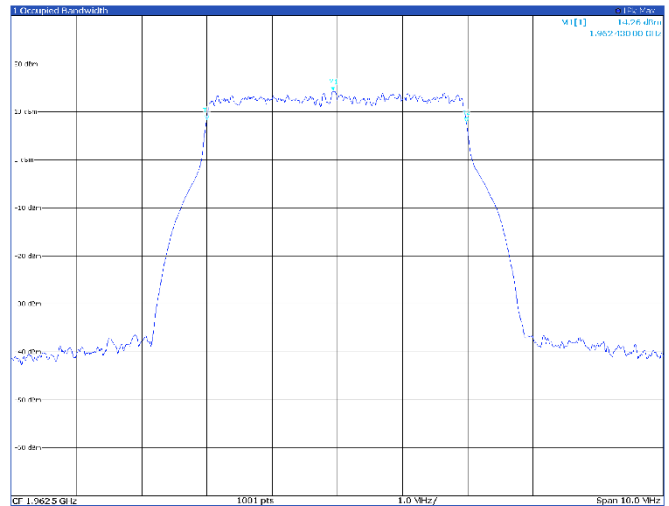
5 MHz

TM1.1, 5 MHz, low channel



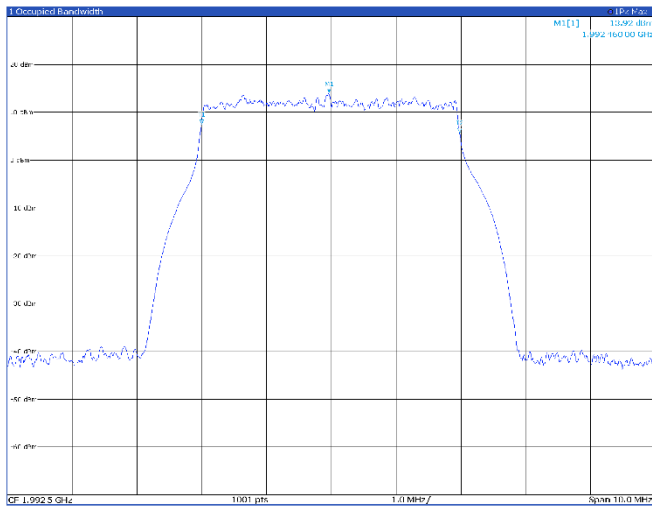
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.99246 GHz	13.10 dBm	Occ Sel	3.981731346 MHz
M1	1		1.9925092 GHz	7.25 dBm	Occ Sel Channel	1.992499203 GHz
M1	1		1.9924992 GHz	6.74 dBm	Occ Sel Inter Offset	1.992499203 GHz

TM1.1, 5 MHz, mid channel



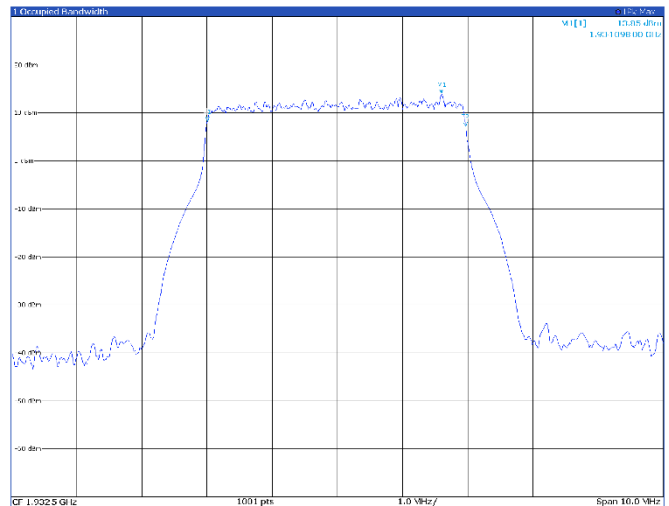
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.99243 GHz	14.26 dBm	Occ Sel	3.983359525 MHz
M1	1		1.992495 GHz	8.23 dBm	Occ Sel Channel	1.992487059 GHz
M1	1		1.992487 GHz	7.52 dBm	Occ Sel Inter Offset	1.992487059 GHz

TM1.1, 5 MHz, high channel



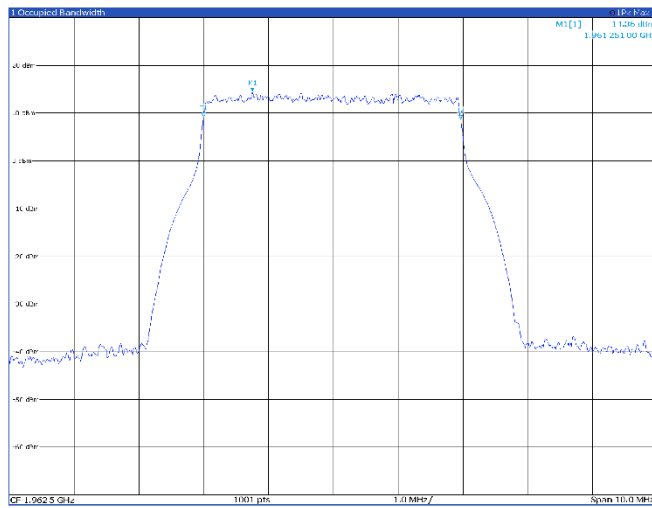
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.99246 GHz	13.92 dBm	Occ Sel	3.983513027 MHz
M1	1		1.9924944 GHz	7.44 dBm	Occ Sel Channel	1.992487230 GHz
M1	1		1.992487 GHz	6.73 dBm	Occ Sel Inter Offset	1.992487230 GHz

TM3p1, 5 MHz, low channel



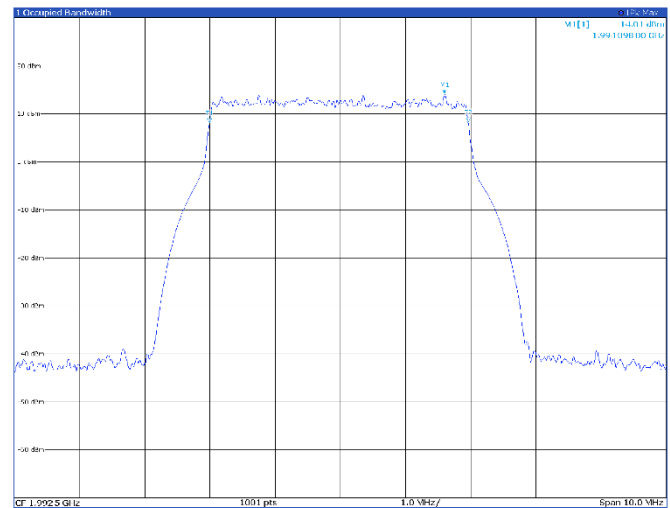
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.992098 GHz	13.85 dBm	Occ Sel	3.966136526 MHz
M1	1		1.992501 GHz	8.15 dBm	Occ Sel Channel	1.992491002 GHz
M1	1		1.9924872 GHz	7.22 dBm	Occ Sel Inter Offset	1.992491002 GHz

TM3p1, 5 MHz, mid channel



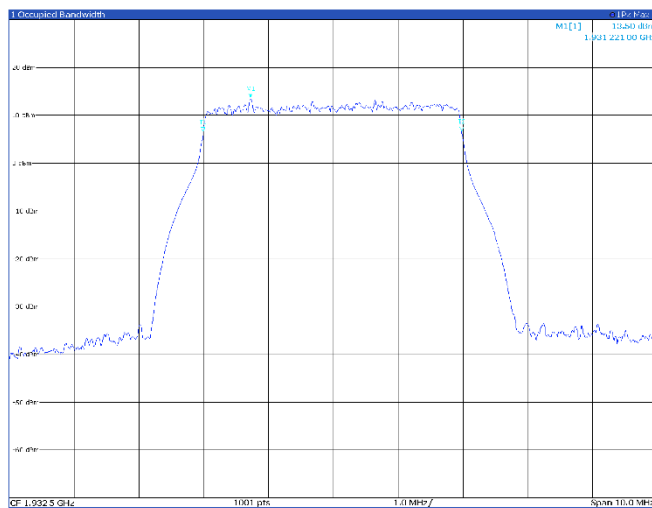
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.961251 GHz	14.36 dBm	Occ BW	3.968518363 MHz
P1	1	1	1.961251 GHz	14.36 dBm	Occ BW	3.968518363 MHz
P1	1	1	1.961251 GHz	14.36 dBm	Occ BW	3.968518363 MHz

TM3p1, 5 MHz, high channel



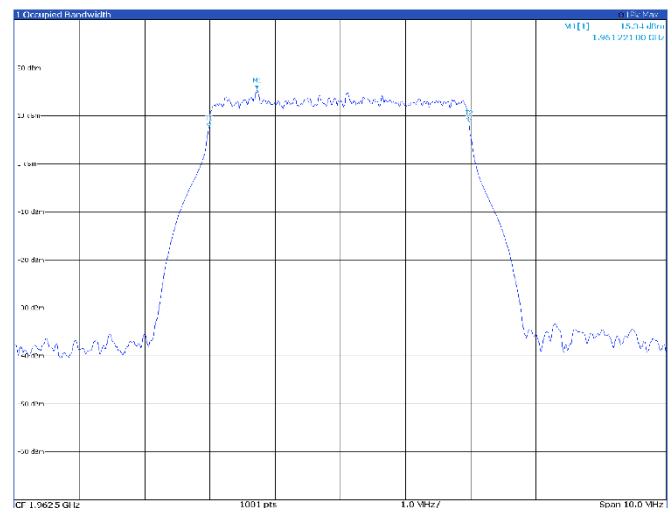
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.991098 GHz	14.01 dBm	Occ BW	3.971626132 MHz
P1	1	1	1.991098 GHz	14.01 dBm	Occ BW	3.971626132 MHz
P1	1	1	1.991098 GHz	14.01 dBm	Occ BW	3.971626132 MHz

TM3p1a, 5 MHz, low channel



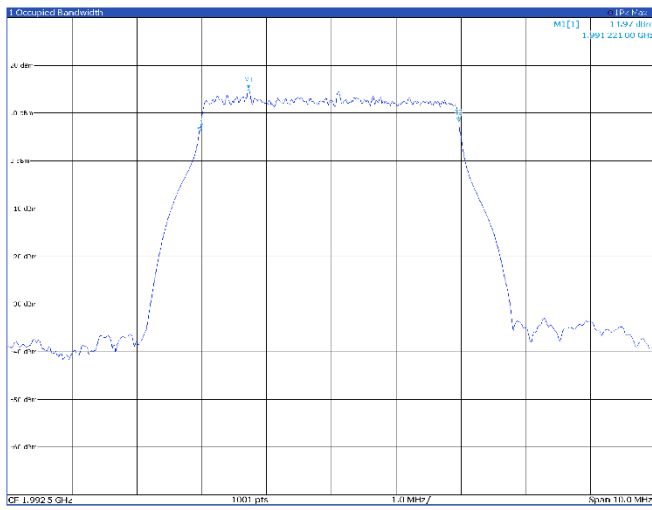
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.931221 GHz	13.50 dBm	Occ BW	3.991887789 MHz
P1	1	1	1.931221 GHz	13.50 dBm	Occ BW	3.991887789 MHz
P1	1	1	1.931221 GHz	13.50 dBm	Occ BW	3.991887789 MHz

TM3p1a, 5 MHz, mid channel



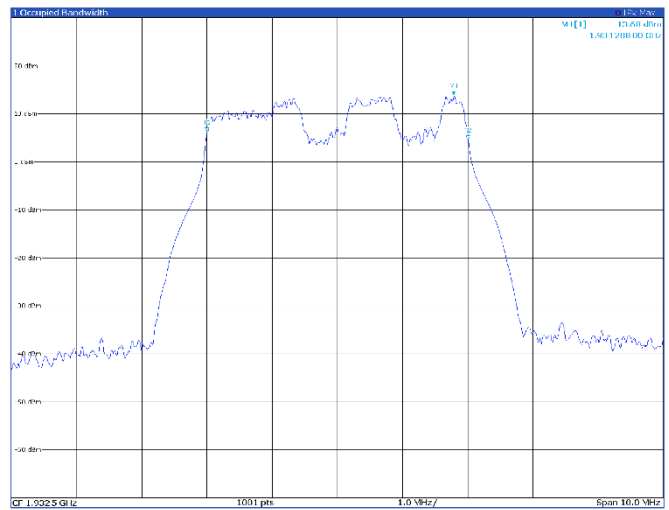
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1	1	1.961221 GHz	15.34 dBm	Occ BW	3.992545714 MHz
P1	1	1	1.961221 GHz	15.34 dBm	Occ BW	3.992545714 MHz
P1	1	1	1.961221 GHz	15.34 dBm	Occ BW	3.992545714 MHz

TM3p1a, 5 MHz, high channel



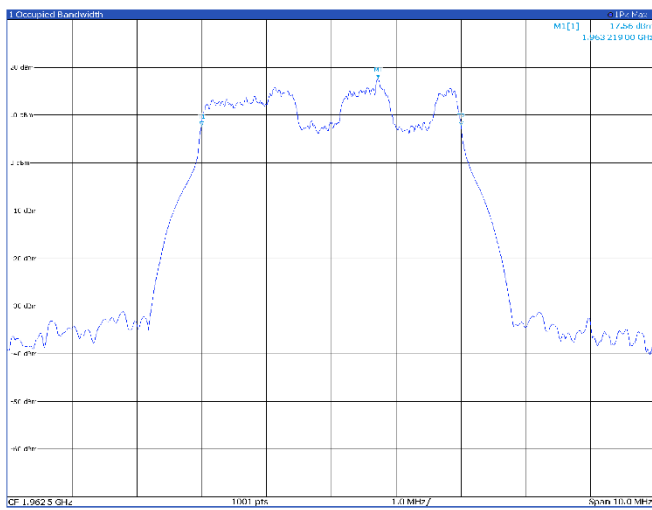
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.991221 GHz	14.97 dBm	Occ BW	4.001829352 MHz
T1	1		1.9904664 GHz	6.01 dBm	Occ BW Centroid	1.992467341 GHz
T2	1		1.9919893 GHz	6.10 dBm	Occ BW Trng Offset	-37.638638135 kHz

TM3p3, 5 MHz, low channel



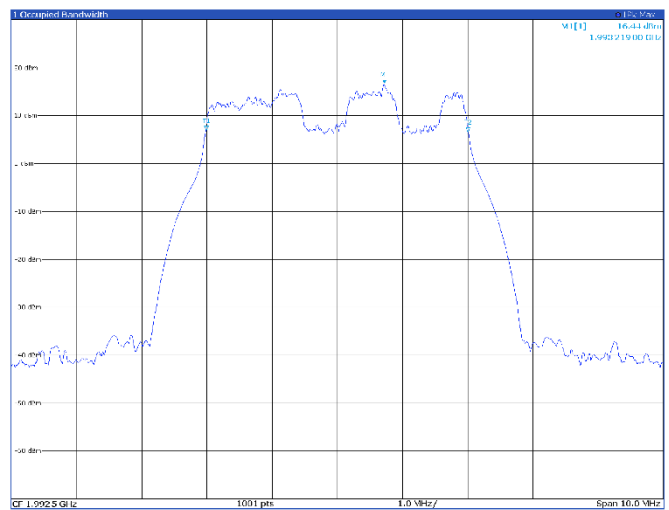
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.994208 GHz	13.68 dBm	Occ BW	4.003928024 MHz
T1	1		1.9935001 GHz	6.14 dBm	Occ BW Centroid	1.992502013 GHz
T2	1		1.9949155 GHz	4.57 dBm	Occ BW Trng Offset	7.041392355 kHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.993219 GHz	17.56 dBm	Occ BW	4.007044059 MHz
T1	1		1.9924445 GHz	7.71 dBm	Occ BW Centroid	1.992581281 GHz
T2	1		1.9939917 GHz	7.85 dBm	Occ BW Trng Offset	1.962798177 GHz

TM3p3, 5 MHz, high channel

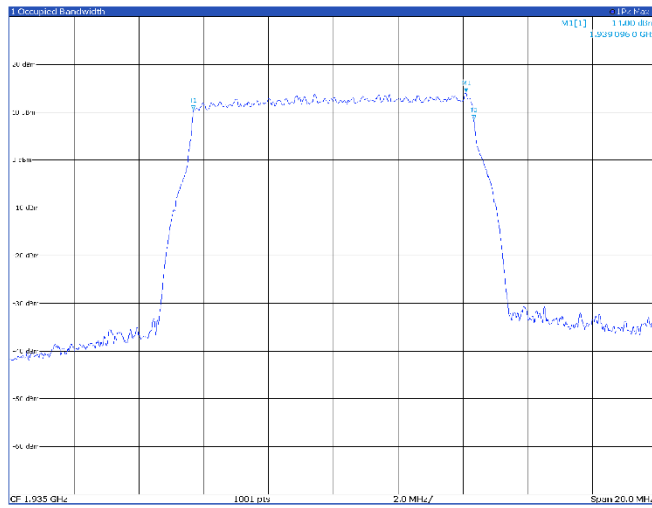


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		1.993219 GHz	16.44 dBm	Occ BW	4.019697704 MHz
T1	1		1.9924883 GHz	6.69 dBm	Occ BW Centroid	1.992486175 GHz
T2	1		1.9943553 GHz	6.59 dBm	Occ BW Trng Offset	-5.826795916 kHz

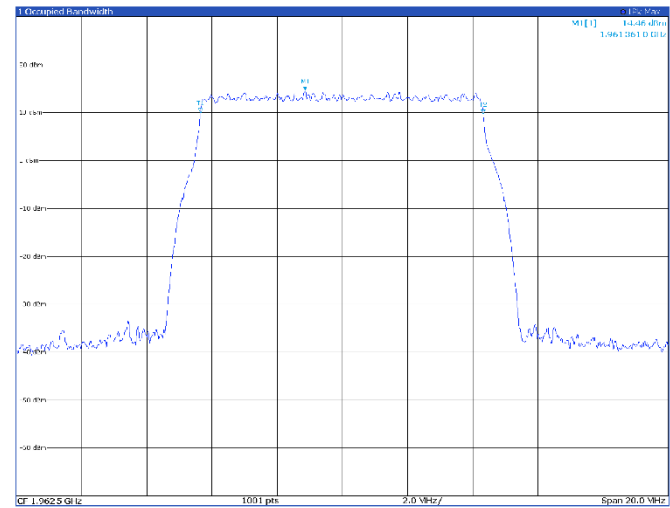
Band n25

10 MHz

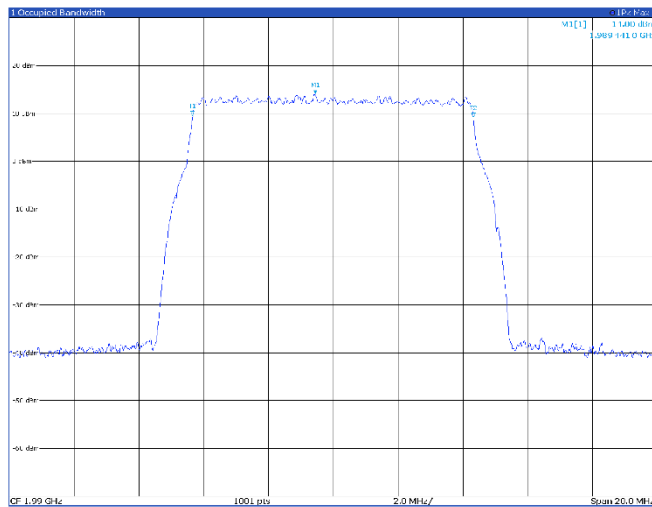
TM1.1, 10 MHz, low channel



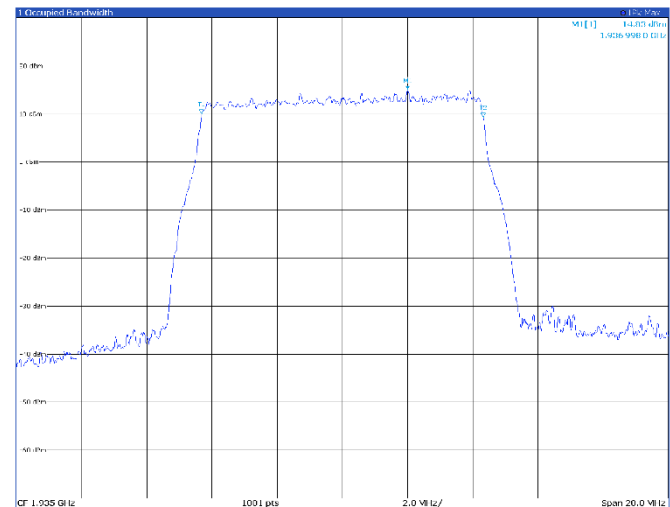
TM1.1, 10 MHz, mid channel



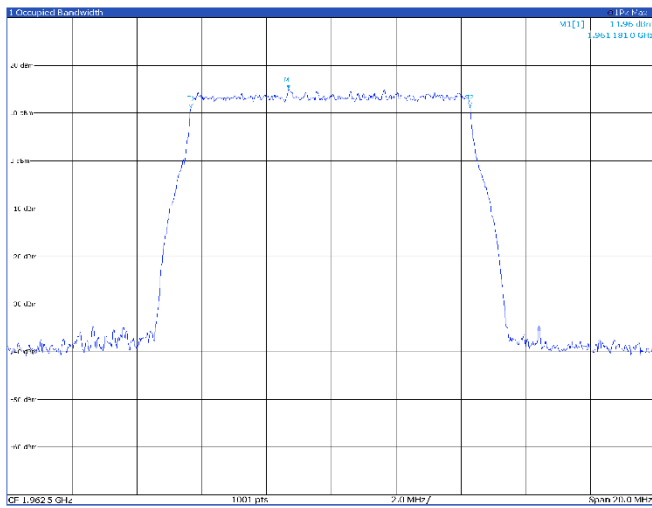
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

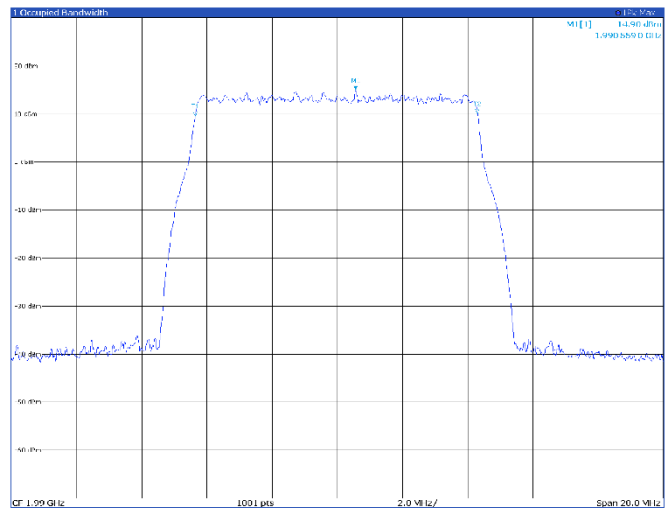


TM3p1, 10 MHz, mid channel



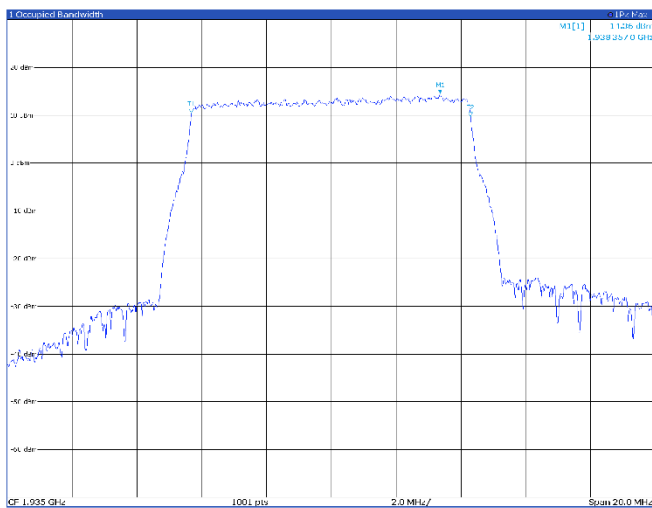
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.961181 GHz	14.96 dBm	Occ. BW	8.627532664 MHz
M1	1		1.959550 GHz	11.00 dBm	Occ. BW Channel	1.959550000 GHz
M2	1		1.962500 GHz	11.00 dBm	Occ. BW Channel	1.962500000 GHz

TM3p1, 10 MHz, high channel



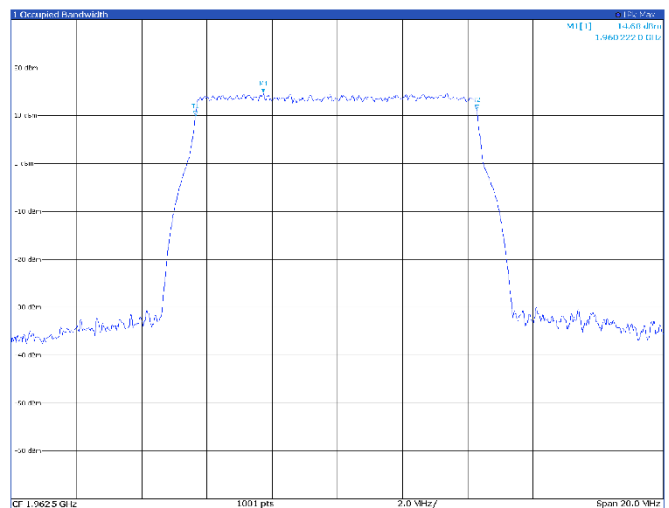
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.990559 GHz	14.90 dBm	Occ. BW	8.657860723 MHz
M1	1		1.989037 GHz	9.21 dBm	Occ. BW Channel	1.989036967 GHz
M2	1		1.992000 GHz	10.00 dBm	Occ. BW Channel	1.992000000 GHz

TM3p1a, 10 MHz, low channel



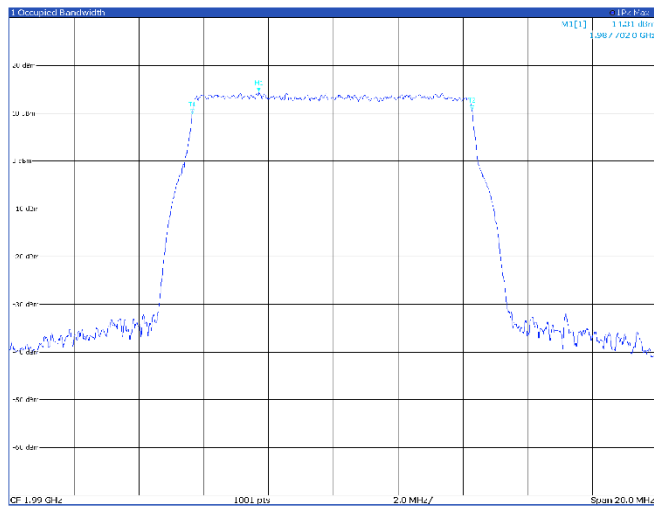
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.938357 GHz	14.36 dBm	Occ. BW	8.618682252 MHz
M1	1		1.936500 GHz	10.00 dBm	Occ. BW Channel	1.936500000 GHz
M2	1		1.940000 GHz	9.00 dBm	Occ. BW Channel	1.940000000 GHz

TM3p1a, 10 MHz, mid channel



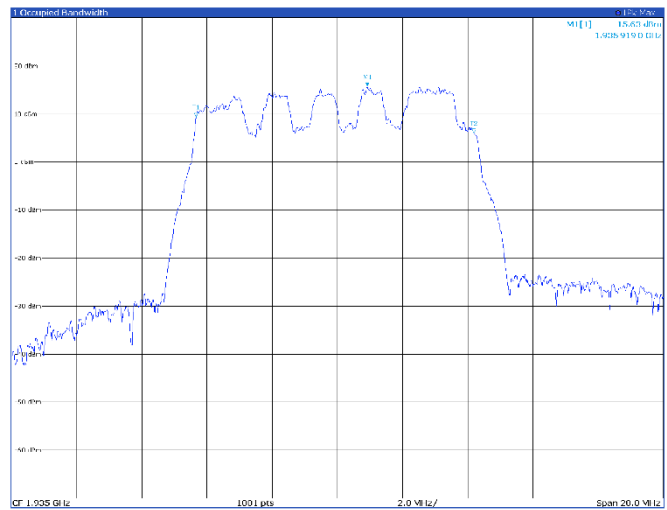
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.960222 GHz	14.68 dBm	Occ. BW	8.634571018 MHz
M1	1		1.958500 GHz	9.57 dBm	Occ. BW Channel	1.958500000 GHz
M2	1		1.961900 GHz	10.00 dBm	Occ. BW Channel	1.961900000 GHz

TM3p1a, 10 MHz, high channel



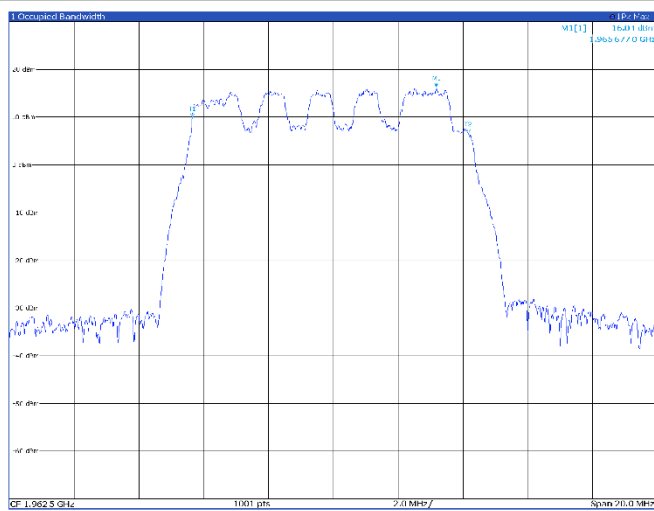
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.987702 GHz	14.31 dBm	Occ 5m	8.633422007 MHz
M2	1		1.987702 GHz	14.31 dBm	Occ 5m	1.987702 GHz

TM3p3, 10 MHz, low channel



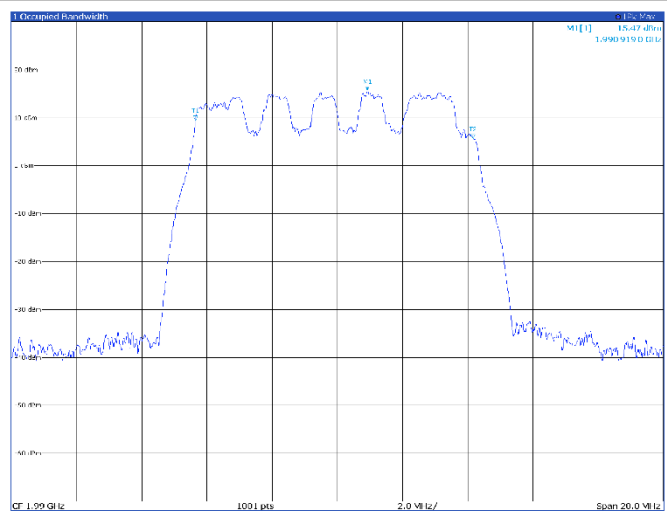
Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.935919 GHz	15.63 dBm	Occ 5m	8.519124176 MHz
M2	1		1.935919 GHz	15.63 dBm	Occ 5m	1.935919 GHz

TM3p3, 10 MHz, mid channel



Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.965677 GHz	16.04 dBm	Occ 5m	8.517490459 MHz
M2	1		1.965677 GHz	16.04 dBm	Occ 5m	1.965677 GHz

TM3p3, 10 MHz, high channel

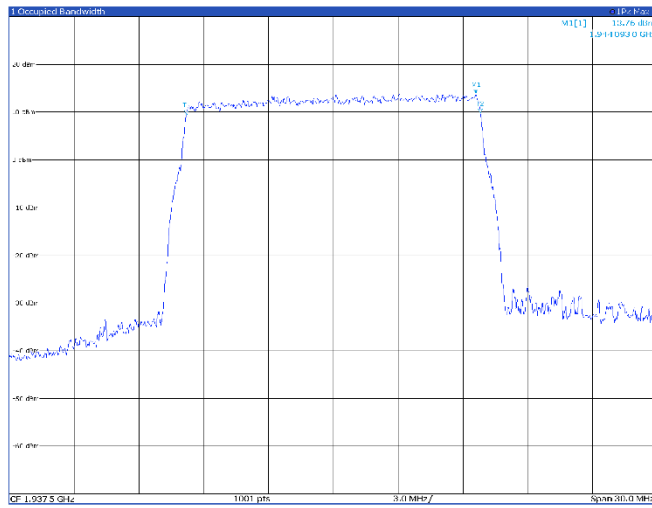


Marker	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.990919 GHz	15.47 dBm	Occ 5m	8.510678773 MHz
M2	1		1.990919 GHz	15.47 dBm	Occ 5m	1.990919 GHz

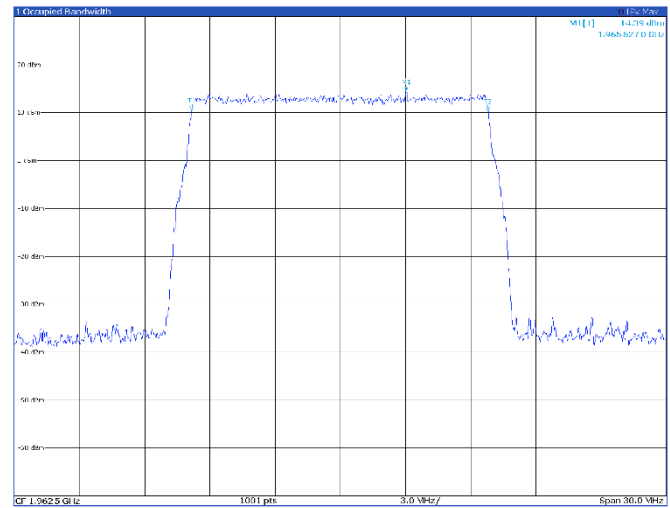
Band n25

15 MHz

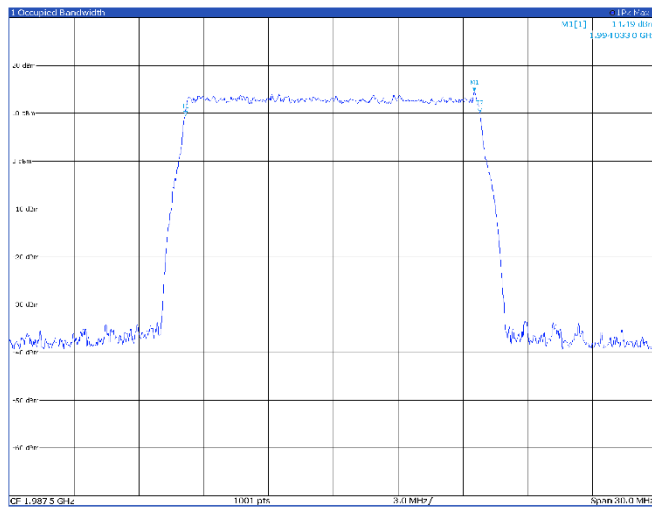
TM1.1, 15 MHz, low channel



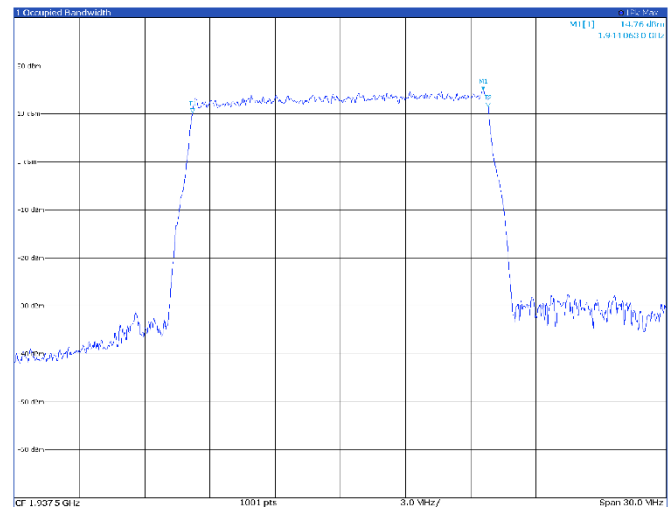
TM1.1, 15 MHz, mid channel



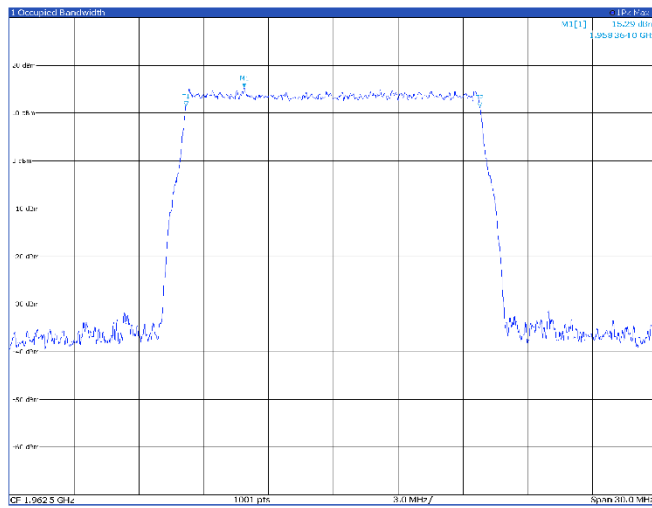
TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

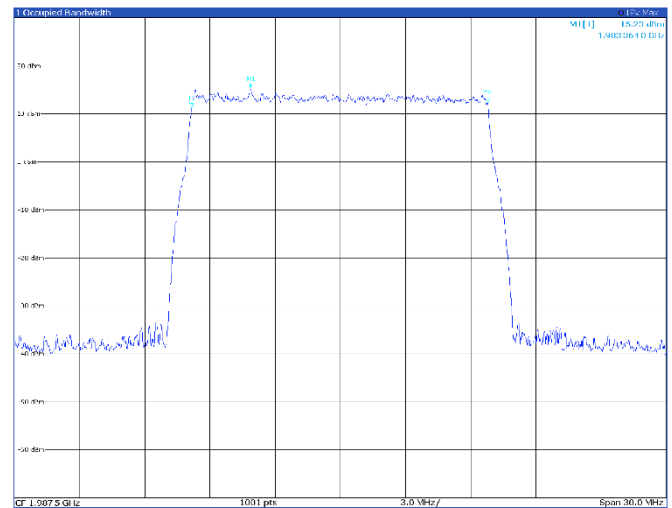


TM3p1, 15 MHz, mid channel



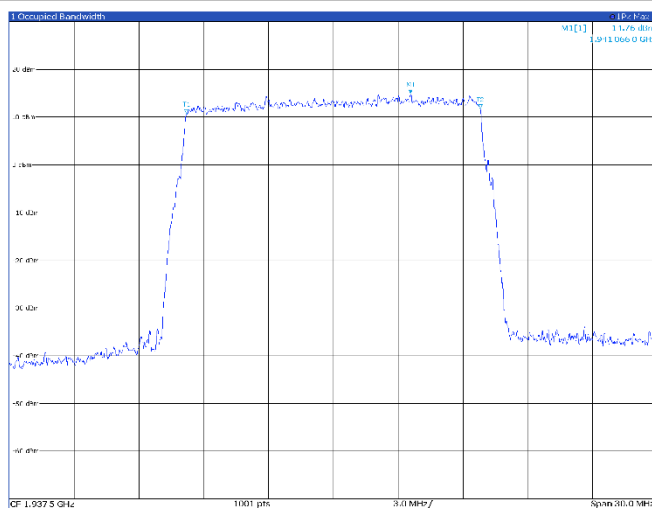
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.958364 GHz	15.29 dBm	Occ Sw	13.602995684 MHz
P1	1		1.958364 GHz	15.29 dBm	Occ Sw Channel	1.958364 GHz
P1	1		1.958364 GHz	15.29 dBm	Occ Sw Channel	1.958364 GHz

TM3p1, 15 MHz, high channel



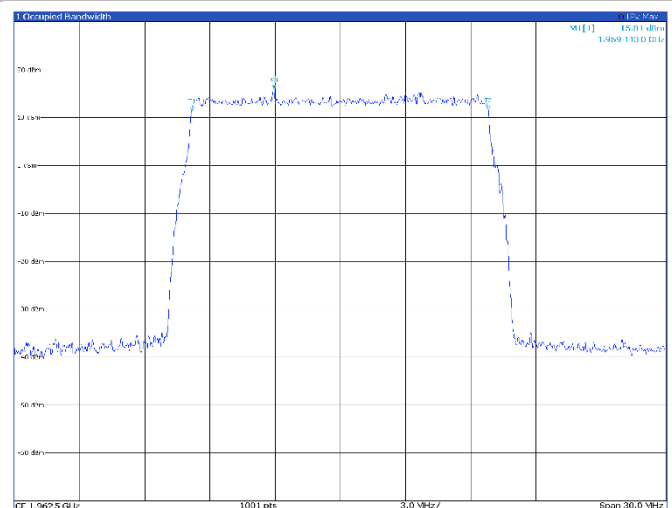
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.961195 GHz	15.29 dBm	Occ Sw	13.616195131 MHz
P1	1		1.961195 GHz	15.29 dBm	Occ Sw Channel	1.961195 GHz
P1	1		1.961195 GHz	15.29 dBm	Occ Sw Channel	1.961195 GHz

TM3p1a, 15 MHz, low channel



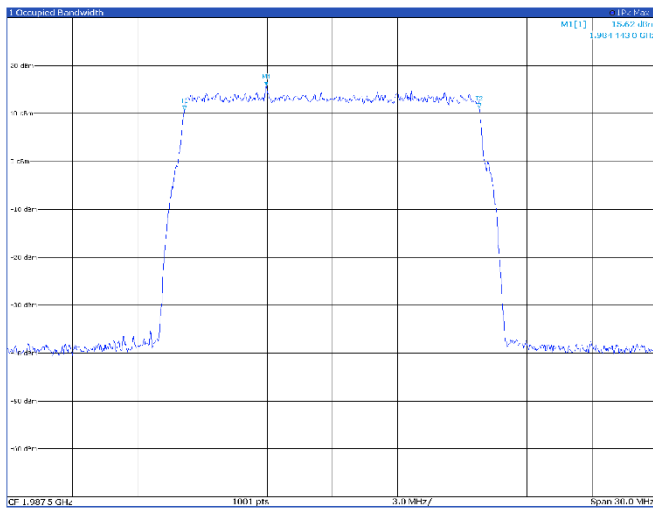
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.941066 GHz	14.75 dBm	Occ Sw	13.601439563 MHz
P1	1		1.941066 GHz	14.75 dBm	Occ Sw Channel	1.941066 GHz
P1	1		1.941066 GHz	14.75 dBm	Occ Sw Channel	1.941066 GHz

TM3p1a, 15 MHz, mid channel

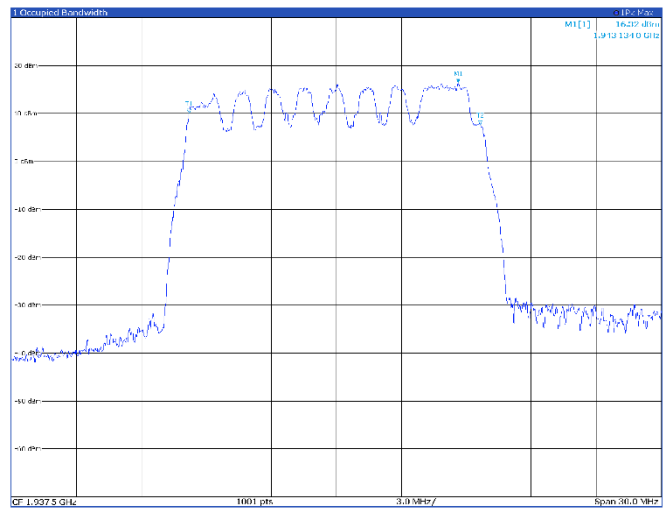


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.959443 GHz	15.01 dBm	Occ Sw	13.626728498 MHz
P1	1		1.959443 GHz	15.01 dBm	Occ Sw Channel	1.959443 GHz
P1	1		1.959443 GHz	15.01 dBm	Occ Sw Channel	1.959443 GHz

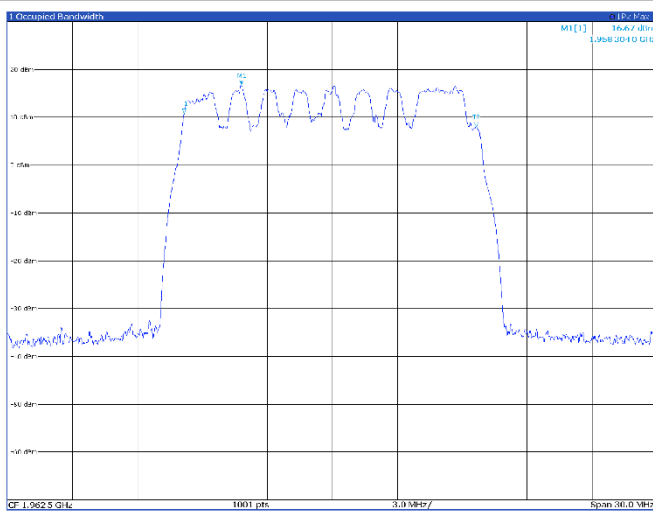
TM3p1a, 15 MHz, high channel



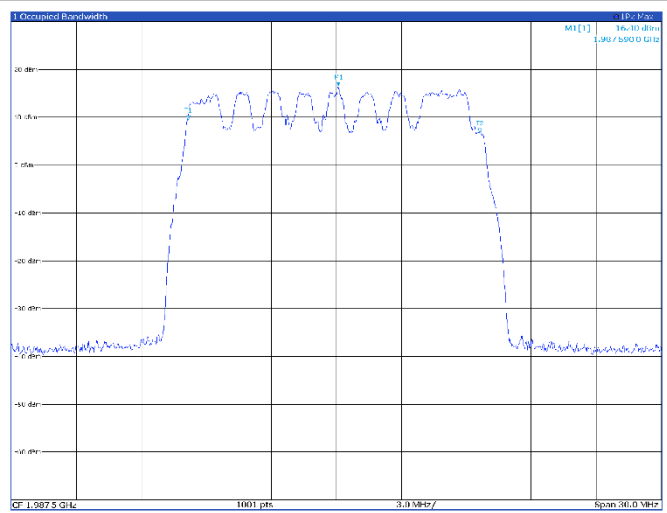
TM3p3, 15 MHz, low channel



TM3p3, 15 MHz, mid channel



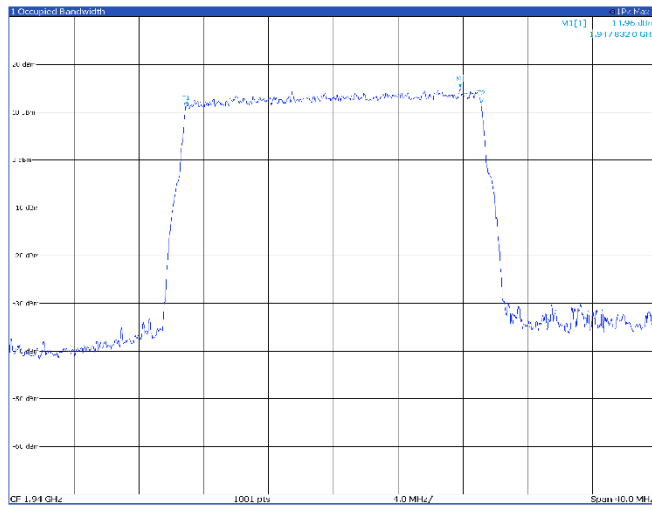
TM3p3, 15 MHz, high channel



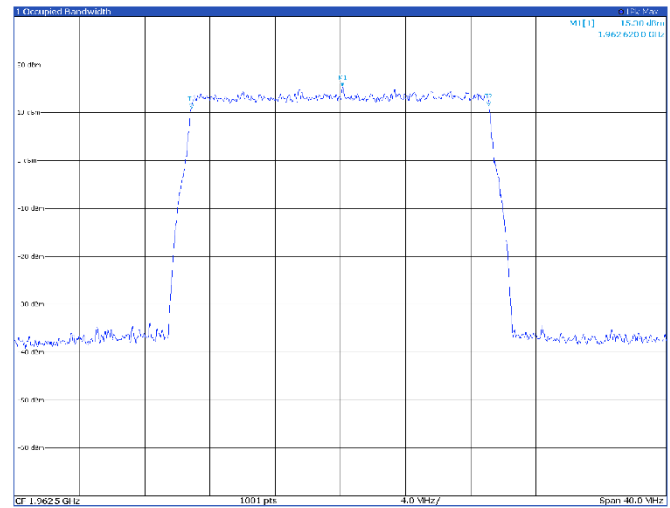
Band n25

20 MHz

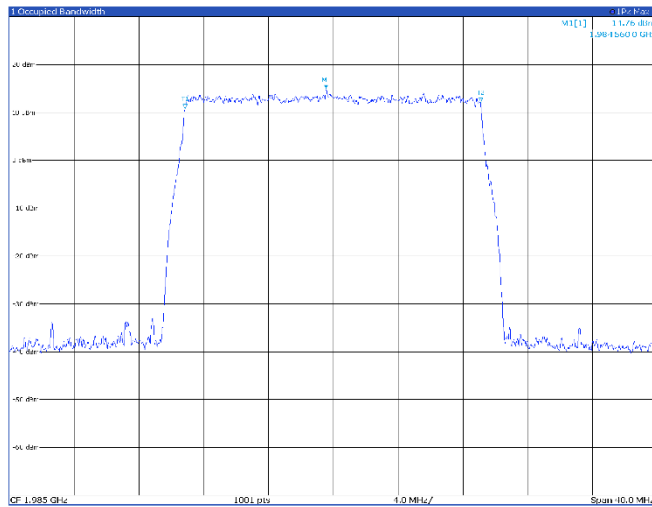
TM1.1, 20 MHz, low channel



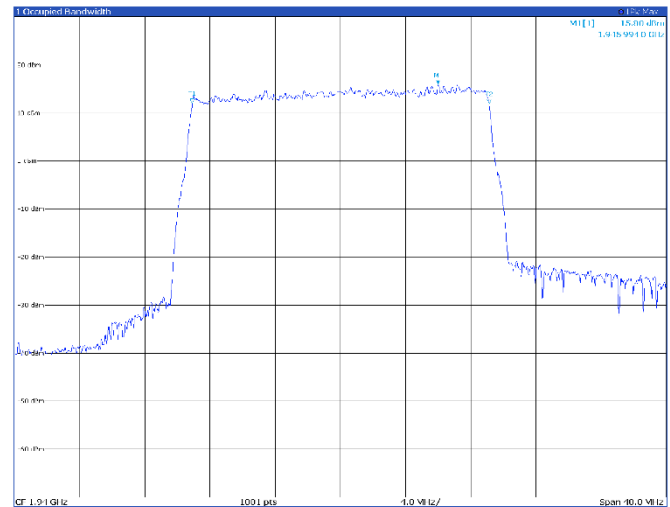
TM1.1, 20 MHz, mid channel



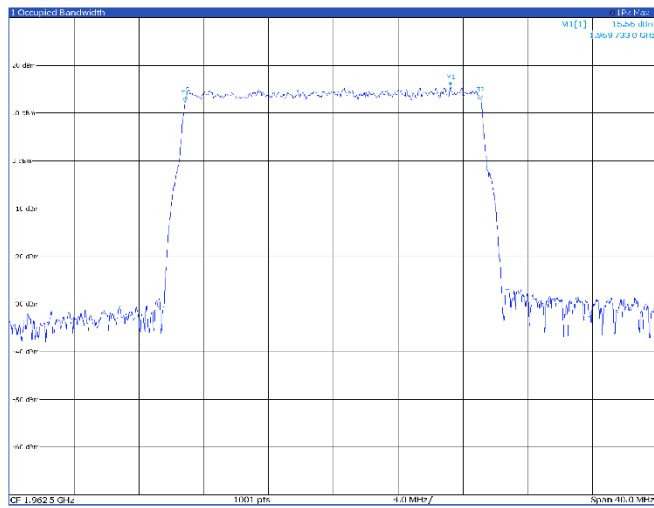
TM1.1, 20 MHz, high channel



TM3p1, 20 MHz, low channel

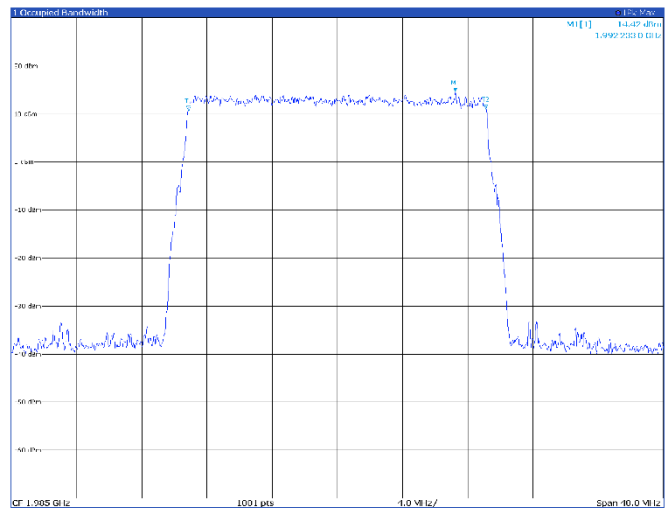


TM3p1, 20 MHz, mid channel



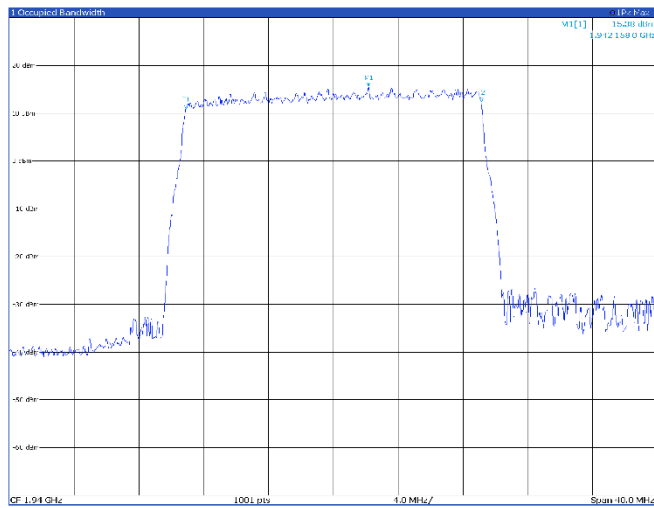
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
M1	1		1.969733 GHz	15.56 dBm		Occ Sw	18.262227968 MHz
M2	1		1.969733 GHz	12.21 dBm		Occ Sw	1.969733 GHz
M3	1		1.969733 GHz	12.21 dBm		Occ Sw	1.969733 GHz

TM3p1, 20 MHz, high channel



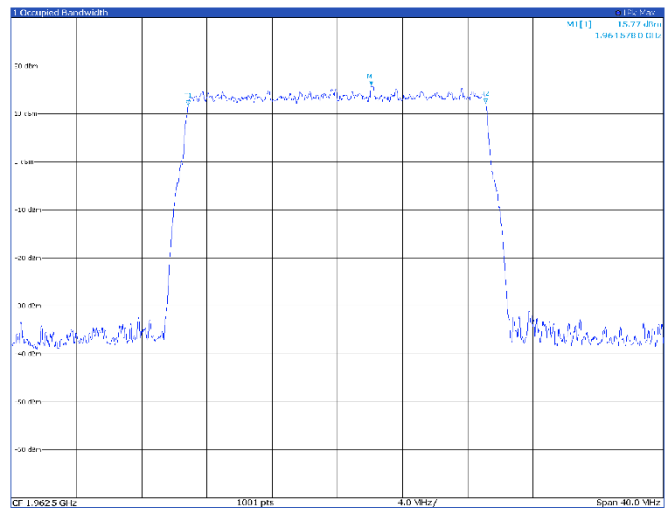
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
M1	1		1.992233 GHz	14.42 dBm		Occ Sw	18.239506432 MHz
M2	1		1.992233 GHz	10.62 dBm		Occ Sw	1.992233 GHz
M3	1		1.992233 GHz	10.62 dBm		Occ Sw	1.992233 GHz

TM3p1a, 20 MHz, low channel



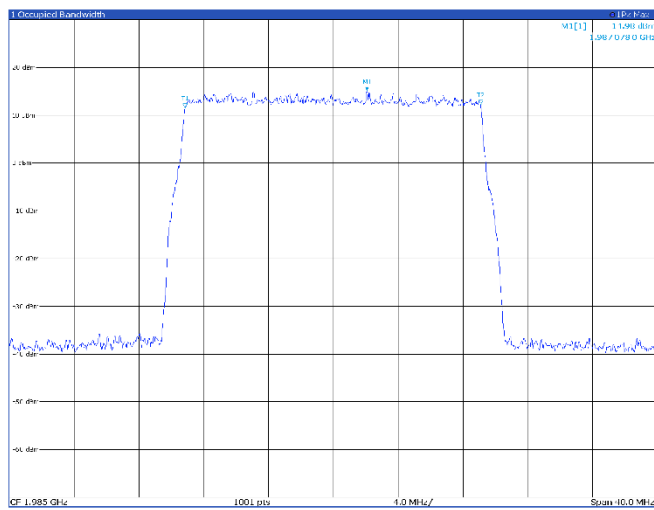
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
M1	1		1.942158 GHz	15.38 dBm		Occ Sw	18.230226274 MHz
M2	1		1.942158 GHz	10.56 dBm		Occ Sw	1.942158 GHz
M3	1		1.942158 GHz	10.56 dBm		Occ Sw	1.942158 GHz

TM3p1a, 20 MHz, mid channel



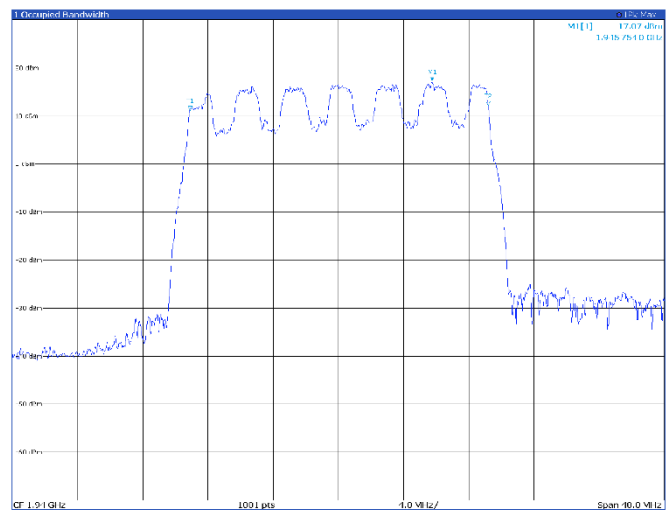
Type	Ref	Trc	X-Value	Y-Value	Unit	Function	Function Result
M1	1		1.964578 GHz	15.77 dBm		Occ Sw	18.268233428 MHz
M2	1		1.964578 GHz	11.73 dBm		Occ Sw	1.964578 GHz
M3	1		1.964578 GHz	11.73 dBm		Occ Sw	1.964578 GHz

TM3p1a, 20 MHz, high channel



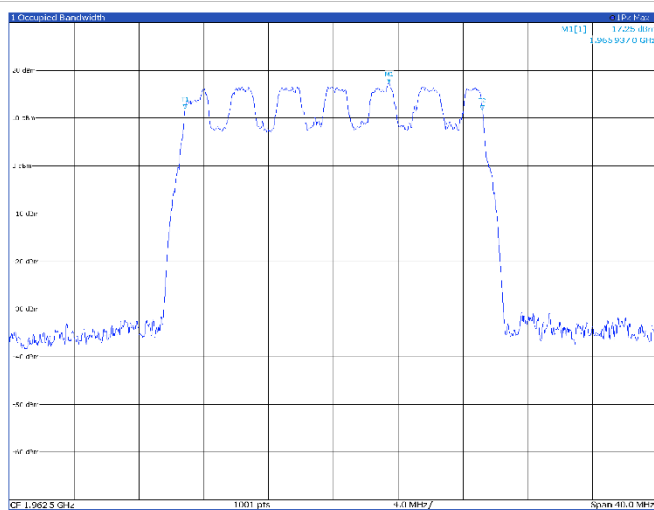
Type	Ref	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	-	1	1.987078 GHz	14.98 dBm	Occ Sw	18.237237759 MHz	
M2	-	1	1.990000 GHz	11.92 dBm	Occ Sw Channel 2	1.990000 GHz	
M3	-	1	1.990000 GHz	10.00 dBm	Occ Sw Channel 2	1.990000 GHz	

TM3p3, 20 MHz, low channel



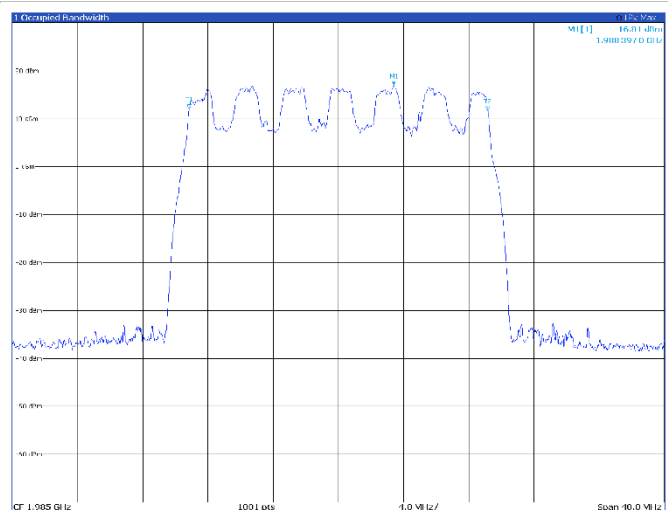
Type	Ref	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	-	1	1.945754 GHz	17.07 dBm	Occ Sw	18.296655908 MHz	
M2	-	1	1.950000 GHz	11.11 dBm	Occ Sw Channel 2	1.950000 GHz	
M3	-	1	1.950000 GHz	10.00 dBm	Occ Sw Channel 2	1.950000 GHz	

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	-	1	1.985937 GHz	17.25 dBm	Occ Sw	18.318707129 MHz	
M2	-	1	1.985000 GHz	11.00 dBm	Occ Sw Channel 2	1.985000 GHz	
M3	-	1	1.985000 GHz	10.00 dBm	Occ Sw Channel 2	1.985000 GHz	

TM3p3, 20 MHz, high channel



Type	Ref	Trc	X Value	Y Value	Occ Sw	Function	Function Result
M1	-	1	1.908397 GHz	16.81 dBm	Occ Sw	18.315553636 MHz	
M2	-	1	1.905000 GHz	10.00 dBm	Occ Sw Channel 2	1.905000 GHz	
M3	-	1	1.905000 GHz	10.00 dBm	Occ Sw Channel 2	1.905000 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 26, 2024	Temperature	22 °C
Test end date	October 11, 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 n25: Antenna port 1

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM1.1	1932.5	4.91
n25	5 MHz	TM1.1	1962.5	4.92
n25	5 MHz	TM1.1	1992.5	4.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p1	1932.5	4.83
n25	5 MHz	TM3p1	1962.5	4.91
n25	5 MHz	TM3p1	1992.5	4.89
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p1a	1932.5	4.88
n25	5 MHz	TM3p1a	1962.5	4.87
n25	5 MHz	TM3p1a	1992.5	4.88
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p3	1932.5	4.75
n25	5 MHz	TM3p3	1962.5	4.86
n25	5 MHz	TM3p3	1992.5	4.87
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM1.1	1935.0	10.03
n25	10 MHz	TM1.1	1962.5	10.07
n25	10 MHz	TM1.1	1990.0	10.07
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p1	1935.0	9.91
n25	10 MHz	TM3p1	1962.5	9.93
n25	10 MHz	TM3p1	1990.0	9.89
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p1a	1935.0	10.01
n25	10 MHz	TM3p1a	1962.5	10.01
n25	10 MHz	TM3p1a	1990.0	10.03
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p3	1935.0	9.77
n25	10 MHz	TM3p3	1962.5	9.81
n25	10 MHz	TM3p3	1990.0	9.75

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM1.1	1937.5	15.02
n25	15 MHz	TM1.1	1962.5	15.13
n25	15 MHz	TM1.1	1987.5	15.13

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p1	1937.5	15.04
n25	15 MHz	TM3p1	1962.5	15.04
n25	15 MHz	TM3p1	1987.5	15.04

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p1a	1937.5	15.11
n25	15 MHz	TM3p1a	1962.5	15.04
n25	15 MHz	TM3p1a	1987.5	15.02

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p3	1937.5	14.89
n25	15 MHz	TM3p3	1962.5	14.87
n25	15 MHz	TM3p3	1987.5	14.93

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM1.1	1940.0	19.82
n25	20 MHz	TM1.1	1962.5	19.98
n25	20 MHz	TM1.1	1985.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p1	1940.0	19.98
n25	20 MHz	TM3p1	1962.5	20.06
n25	20 MHz	TM3p1	1985.0	20.02

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p1a	1940.0	19.82
n25	20 MHz	TM3p1a	1962.5	19.98
n25	20 MHz	TM3p1a	1985.0	19.98

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p3	1940.0	19.90
n25	20 MHz	TM3p3	1962.5	19.98
n25	20 MHz	TM3p3	1985.0	20.02

Band n25: Antenna port 2

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM1.1	1932.5	4.92
n25	5 MHz	TM1.1	1962.5	4.95
n25	5 MHz	TM1.1	1992.5	4.88

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p1	1932.5	4.79
n25	5 MHz	TM3p1	1962.5	4.84
n25	5 MHz	TM3p1	1992.5	4.92

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p1a	1932.5	4.89
n25	5 MHz	TM3p1a	1962.5	4.82
n25	5 MHz	TM3p1a	1992.5	4.88

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	5 MHz	TM3p3	1932.5	4.75
n25	5 MHz	TM3p3	1962.5	4.86
n25	5 MHz	TM3p3	1992.5	4.75

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM1.1	1935.0	10.05
n25	10 MHz	TM1.1	1962.5	10.05
n25	10 MHz	TM1.1	1990.0	10.09

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p1	1935.0	9.91
n25	10 MHz	TM3p1	1962.5	9.97
n25	10 MHz	TM3p1	1990.0	9.95

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p1a	1935.0	10.01
n25	10 MHz	TM3p1a	1962.5	10.05
n25	10 MHz	TM3p1a	1990.0	10.01

Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	10 MHz	TM3p3	1935.0	9.75
n25	10 MHz	TM3p3	1962.5	9.81
n25	10 MHz	TM3p3	1990.0	9.81

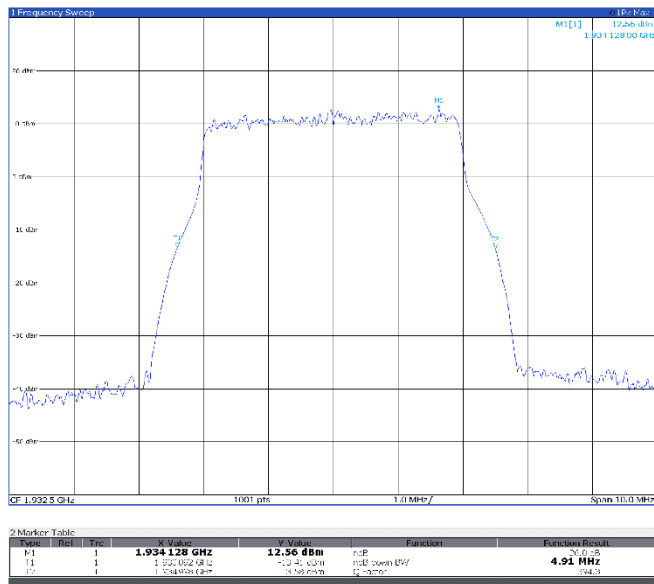
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM1.1	1937.5	14.98
n25	15 MHz	TM1.1	1962.5	15.11
n25	15 MHz	TM1.1	1987.5	15.13
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p1	1937.5	15.02
n25	15 MHz	TM3p1	1962.5	15.04
n25	15 MHz	TM3p1	1987.5	15.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p1a	1937.5	15.04
n25	15 MHz	TM3p1a	1962.5	15.07
n25	15 MHz	TM3p1a	1987.5	15.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	15 MHz	TM3p3	1937.5	14.89
n25	15 MHz	TM3p3	1962.5	14.96
n25	15 MHz	TM3p3	1987.5	14.93
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM1.1	1940.0	19.86
n25	20 MHz	TM1.1	1962.5	19.98
n25	20 MHz	TM1.1	1985.0	19.94
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p1	1940.0	19.98
n25	20 MHz	TM3p1	1962.5	20.02
n25	20 MHz	TM3p1	1985.0	20.02
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p1a	1940.0	19.86
n25	20 MHz	TM3p1a	1962.5	19.98
n25	20 MHz	TM3p1a	1985.0	19.98
Band	OBW Declared	Modulation	Channel (MHz)	26 dB (MHz)
n25	20 MHz	TM3p3	1940.0	19.90
n25	20 MHz	TM3p3	1962.5	19.98
n25	20 MHz	TM3p3	1985.0	19.94

Antenna port 1

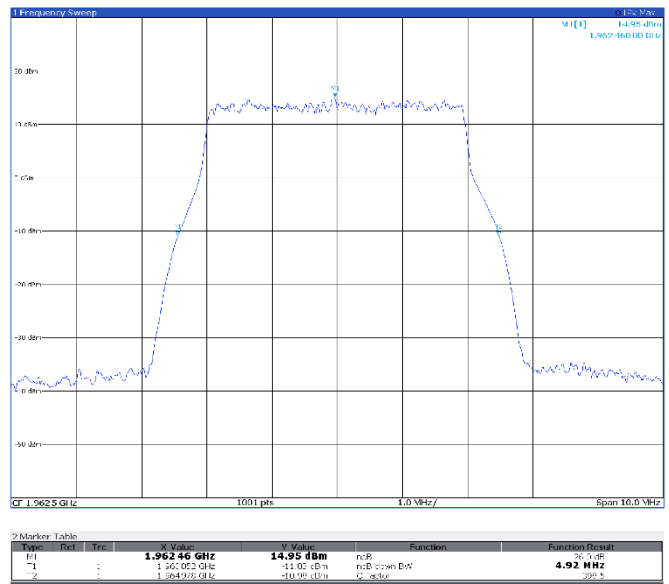
Band n25

5 MHz

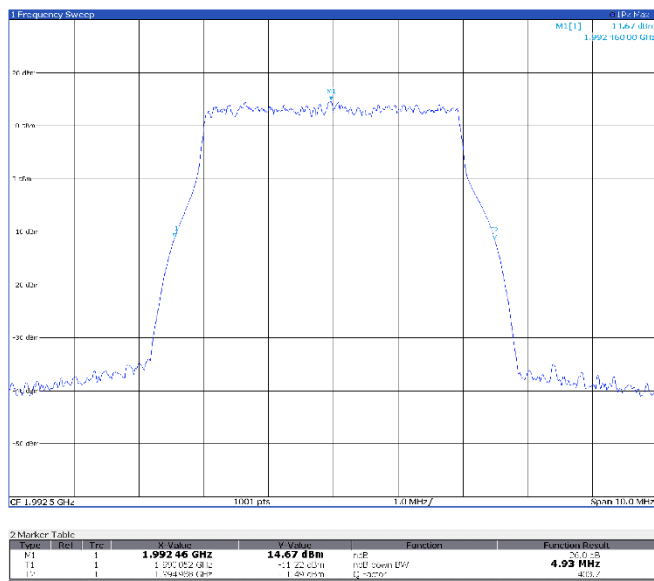
TM1.1, 5 MHz, low channel



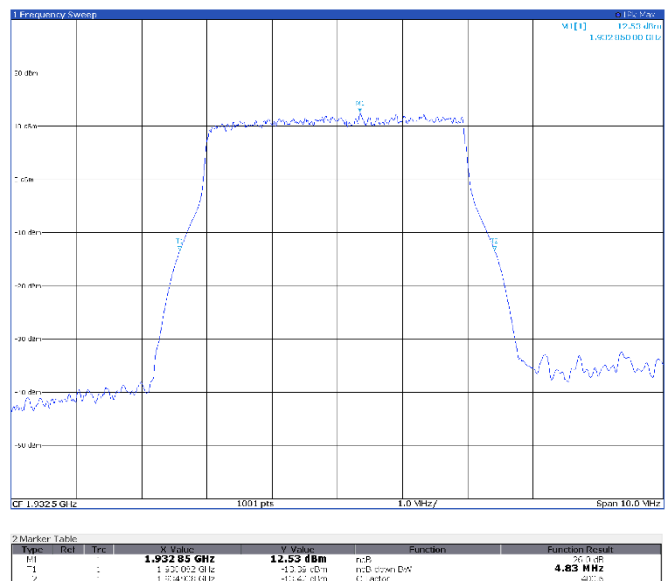
TM1.1, 5 MHz, mid channel

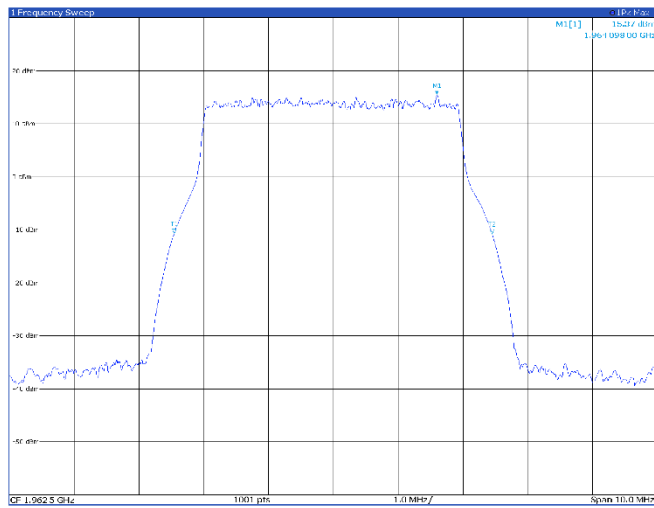


TM1.1, 5 MHz, high channel

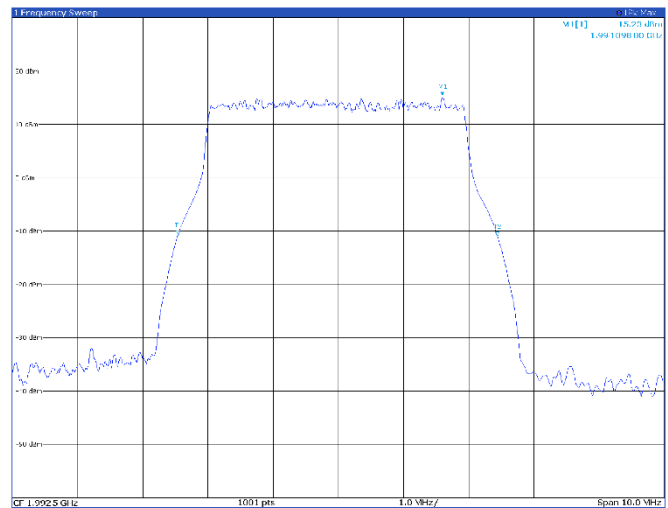


TM3p1, 5 MHz, low channel

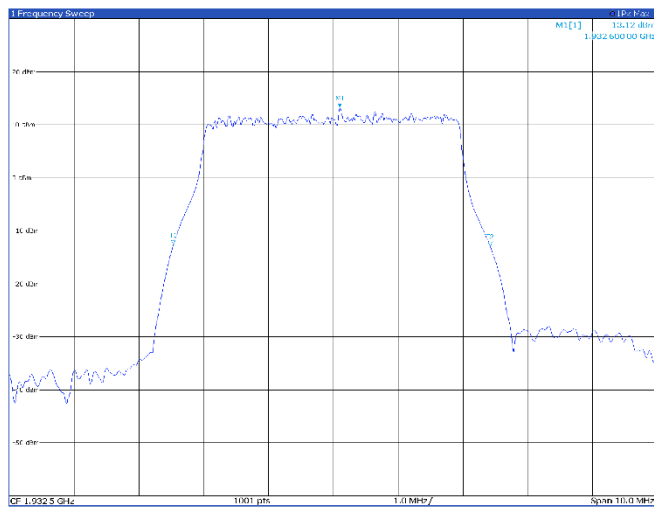


TM3p1, 5 MHz, mid channel


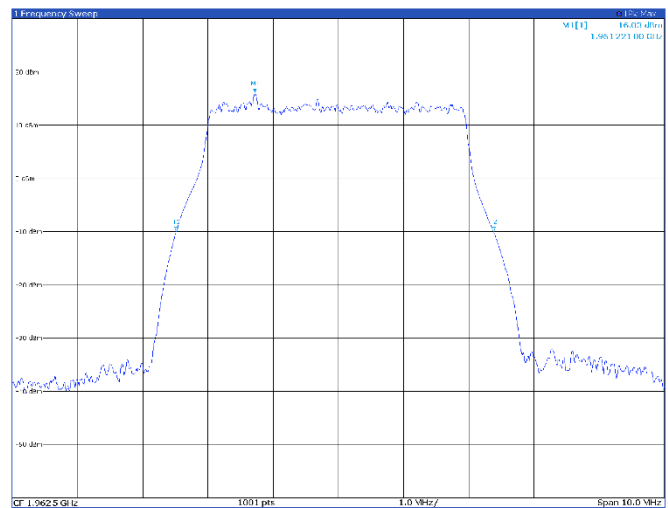
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.964098 GHz	15.37 dBm	nB	20.0 dB
F1	1		1.964042 GHz	-10.74 dBm	nB down BW	4.91 MHz
F2	1		1.964098 GHz	-10.74 dBm	nB down	4.91 MHz

TM3p1, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.994098 GHz	15.23 dBm	nB	20.0 dB
F1	1		1.994042 GHz	-10.62 dBm	nB down BW	4.89 MHz
F2	1		1.994098 GHz	-10.62 dBm	nB down	4.89 MHz

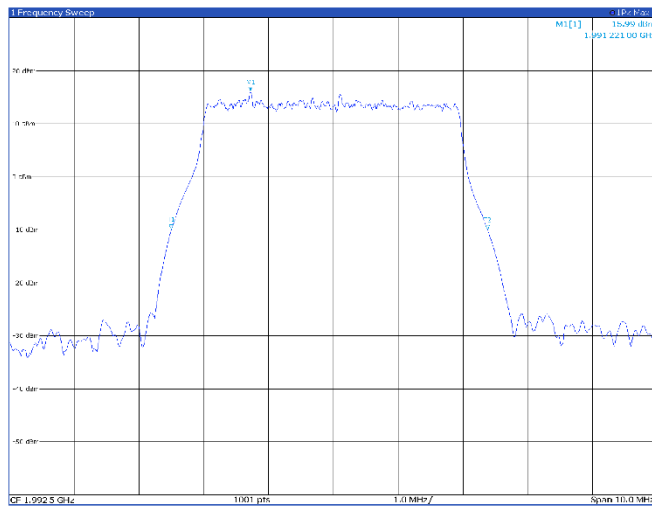
TM3p1a, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.9325 GHz	13.12 dBm	nB	20.0 dB
F1	1		1.932522 GHz	-2.29 dBm	nB down BW	4.88 MHz
F2	1		1.932578 GHz	-2.29 dBm	nB down	4.88 MHz

TM3p1a, 5 MHz, mid channel


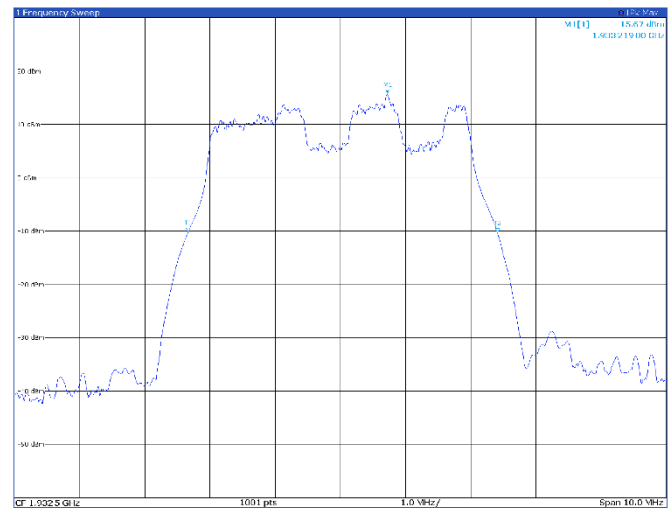
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	1		1.964098 GHz	16.03 dBm	nB	20.0 dB
F1	1		1.964042 GHz	-9.99 dBm	nB down BW	4.87 MHz
F2	1		1.964098 GHz	-9.99 dBm	nB down	4.87 MHz

TM3p1a, 5 MHz, high channel



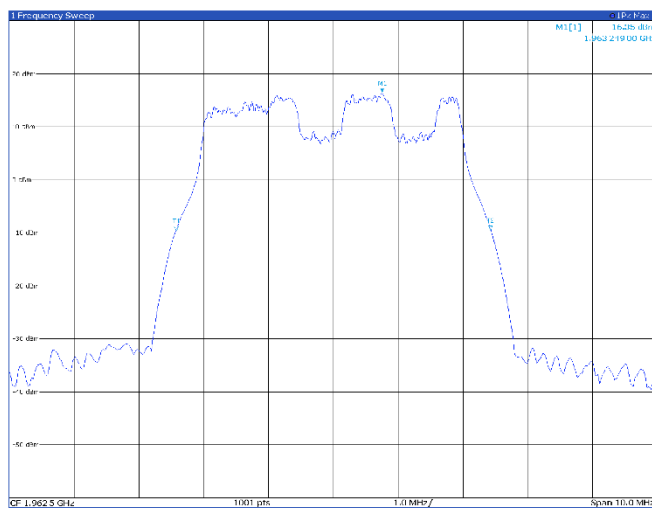
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		1.991 221 GHz	15.99 dBm	nB		20.0 dB
M1	1		1.991 221 GHz	15.99 dBm	nB	dB down BW	4.88 MHz
M1	1		1.991 221 GHz	15.99 dBm	nB	dB down BW	4.88 MHz

TM3p3, 5 MHz, low channel



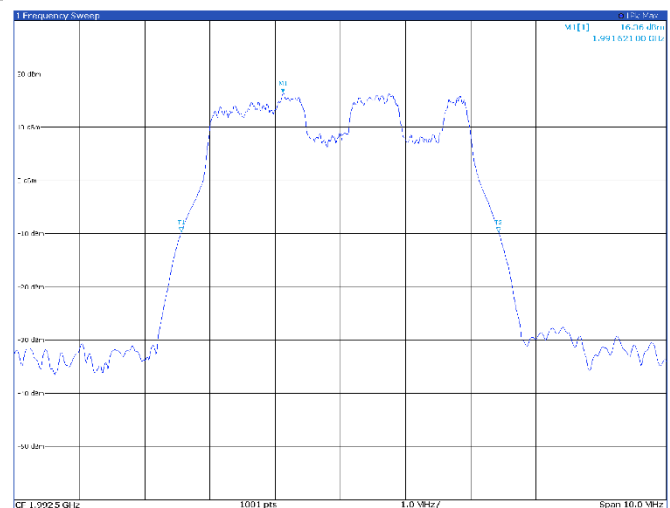
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		1.993 219 GHz	15.67 dBm	nB		20.0 dB
M1	1		1.993 219 GHz	15.67 dBm	nB	dB down BW	4.75 MHz
M1	1		1.993 219 GHz	15.67 dBm	nB	dB down BW	4.75 MHz

TM3p3, 5 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		1.993 249 GHz	16.35 dBm	nB		20.0 dB
M1	1		1.993 249 GHz	16.35 dBm	nB	dB down BW	4.86 MHz
M1	1		1.993 249 GHz	16.35 dBm	nB	dB down BW	4.86 MHz

TM3p3, 5 MHz, high channel

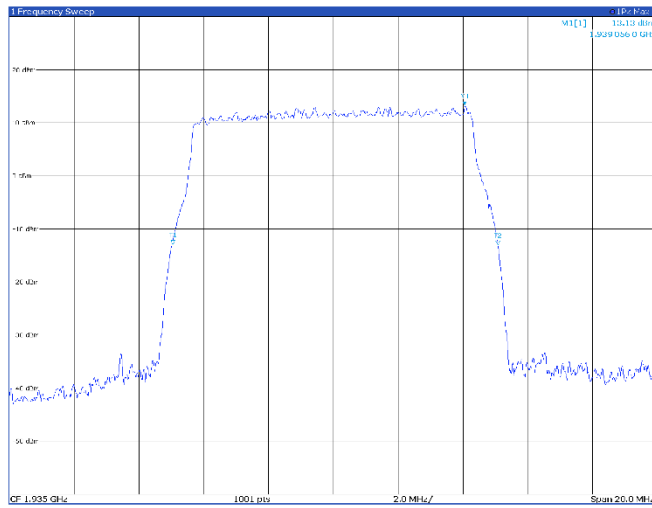


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1		1.991 022 GHz	16.36 dBm	nB		20.0 dB
M1	1		1.991 022 GHz	16.36 dBm	nB	dB down BW	4.87 MHz
M1	1		1.991 022 GHz	16.36 dBm	nB	dB down BW	4.87 MHz

Band n25

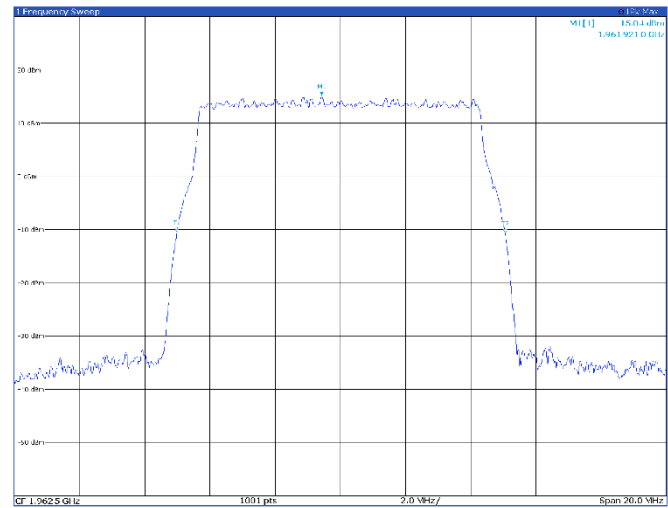
10 MHz

TM1.1, 10 MHz, low channel



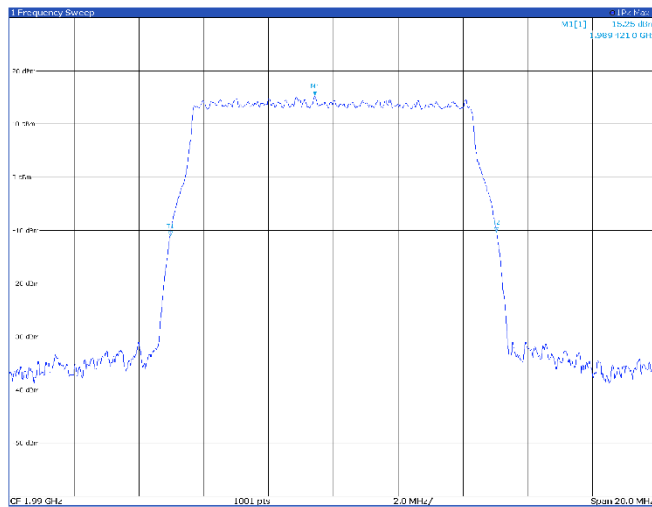
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.939 056 GHz	13.13 dBm	nB	20.0 dB
M2	1		1.939 056 GHz	-12.97 dBm	nB down BW	10.03 MHz
M3	1		1.939 056 GHz	-13.09 dBm	nB down BW	10.03 MHz

TM1.1, 10 MHz, mid channel



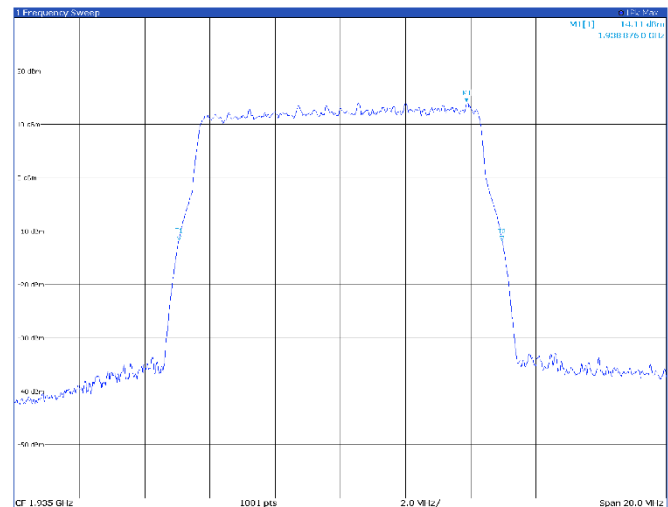
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.9461 921 GHz	15.04 dBm	nB	20.0 dB
M2	1		1.9461 921 GHz	-10.51 dBm	nB down BW	10.07 MHz
M3	1		1.9461 921 GHz	-11.77 dBm	nB down BW	10.07 MHz

TM1.1, 10 MHz, high channel



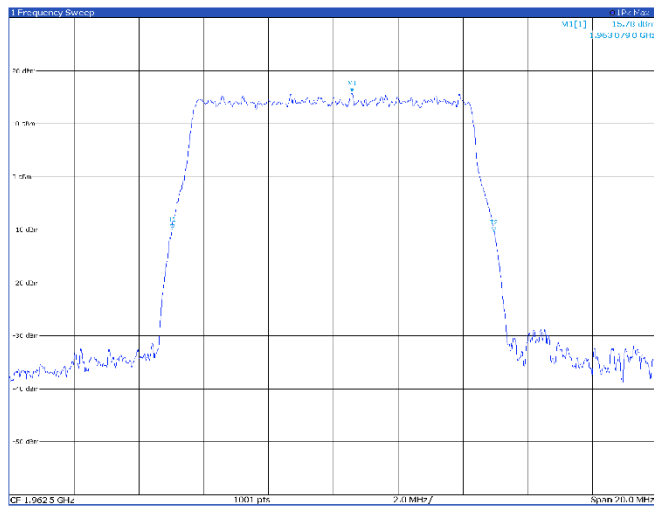
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.989 421 GHz	15.25 dBm	nB	20.0 dB
M2	1		1.989 421 GHz	-11.03 dBm	nB down BW	10.07 MHz
M3	1		1.989 421 GHz	-11.03 dBm	nB down BW	10.07 MHz

TM3p1, 10 MHz, low channel



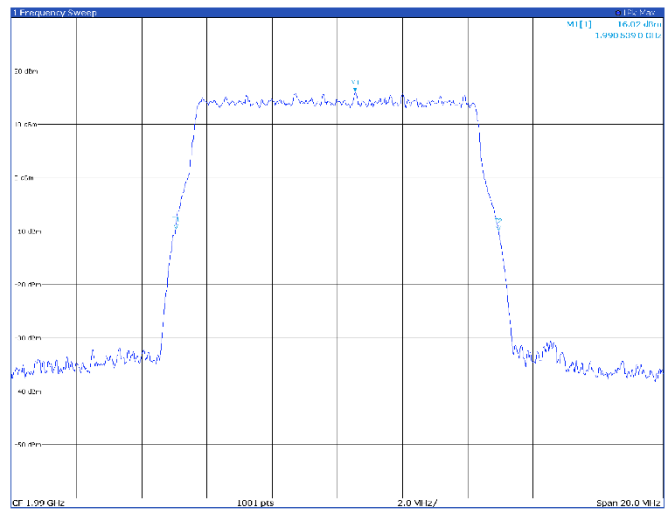
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.938 876 GHz	14.11 dBm	nB	20.0 dB
M2	1		1.938 876 GHz	-11.75 dBm	nB down BW	9.91 MHz
M3	1		1.938 876 GHz	-11.77 dBm	nB down BW	9.91 MHz

TM3p1, 10 MHz, mid channel



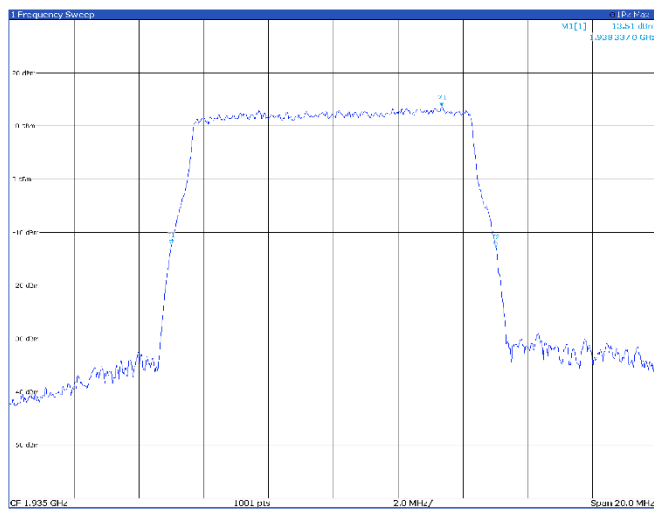
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.963079 GHz	15.78 dBm	nB	20.0 dB
M1	1	1	1.963079 GHz	-0.67 dBm	mB down BW	9.93 MHz
M2	1	1	1.963079 GHz	0.87 dBm	C-factor	12.0

TM3p1, 10 MHz, high channel



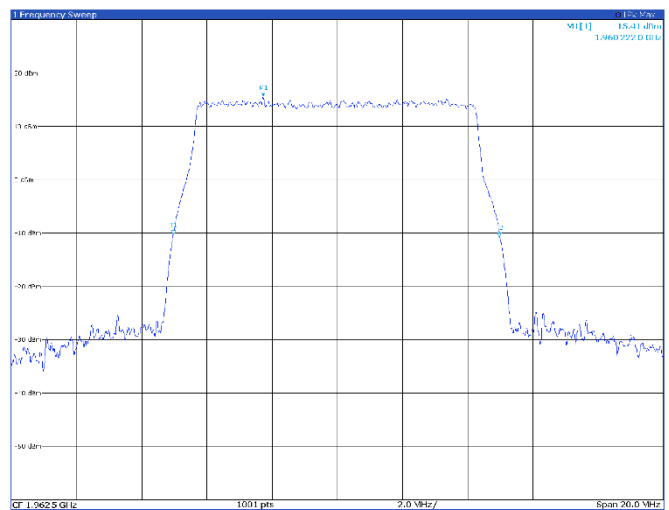
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.990539 GHz	16.02 dBm	nB	20.0 dB
M1	1	1	1.990539 GHz	-0.52 dBm	mB down BW	9.89 MHz
M2	1	1	1.990539 GHz	-0.08 dBm	C-factor	20.0

TM3p1a, 10 MHz, low channel



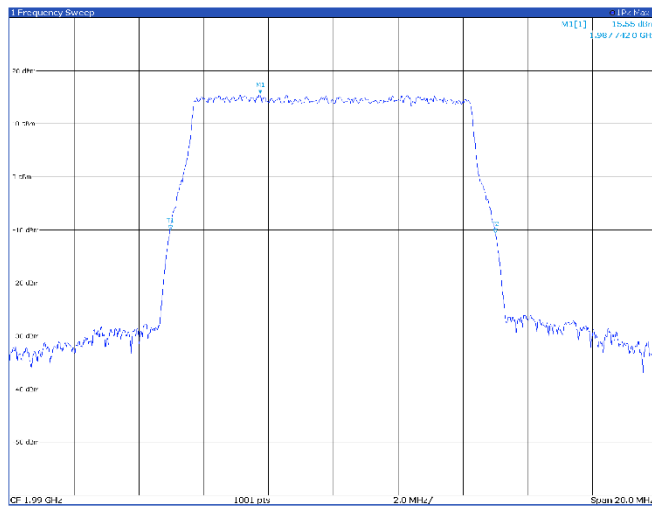
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.938537 GHz	13.51 dBm	nB	20.0 dB
M1	1	1	1.938537 GHz	-12.34 dBm	mB down BW	10.01 MHz
M2	1	1	1.938537 GHz	2.22 dBm	C-factor	10.0

TM3p1a, 10 MHz, mid channel



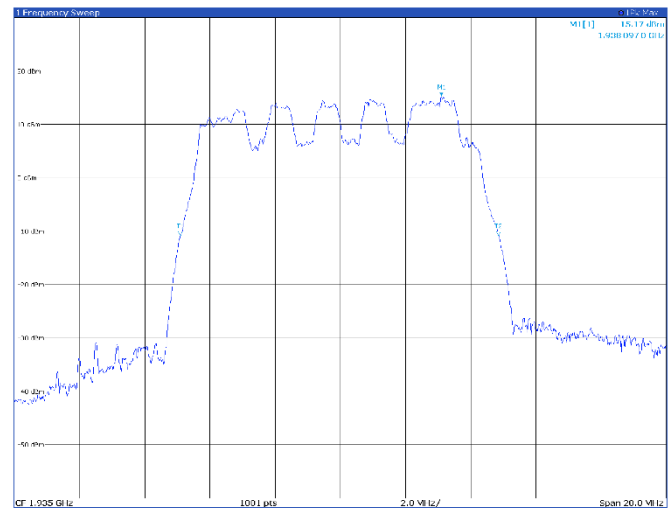
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.960222 GHz	15.41 dBm	nB	20.0 dB
M1	1	1	1.960222 GHz	-10.25 dBm	mB down BW	10.01 MHz
M2	1	1	1.960222 GHz	-10.24 dBm	C-factor	10.0

TM3p1a, 10 MHz, high channel



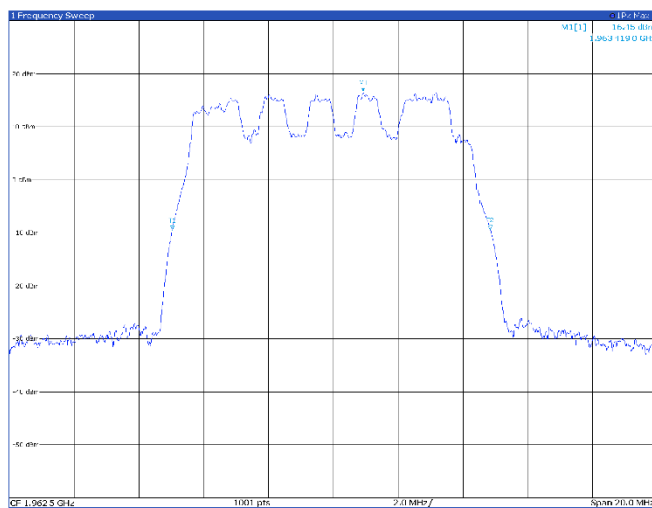
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	1.997742 GHz	15.55 dBm	nB	20.0 dB
F1	-	1	1.997742 GHz	15.55 dBm	nB down BW	10.03 MHz
F2	-	1	1.997742 GHz	15.55 dBm	nB	20.0 dB

TM3p3, 10 MHz, low channel



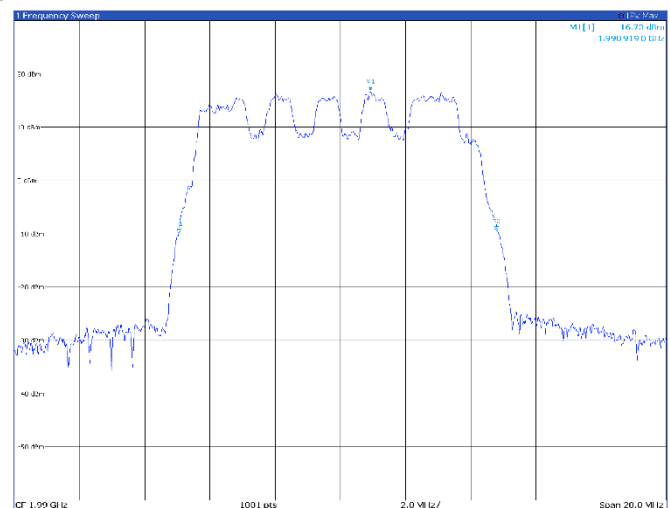
Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	1.998097 GHz	15.17 dBm	nB	20.0 dB
F1	-	1	1.998097 GHz	15.17 dBm	nB down BW	9.77 MHz
F2	-	1	1.998097 GHz	15.17 dBm	nB	20.0 dB

TM3p3, 10 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	1.9963419 GHz	16.45 dBm	nB	20.0 dB
F1	-	1	1.9963419 GHz	16.45 dBm	nB down BW	9.81 MHz
F2	-	1	1.9963419 GHz	16.45 dBm	nB	20.0 dB

TM3p3, 10 MHz, high channel

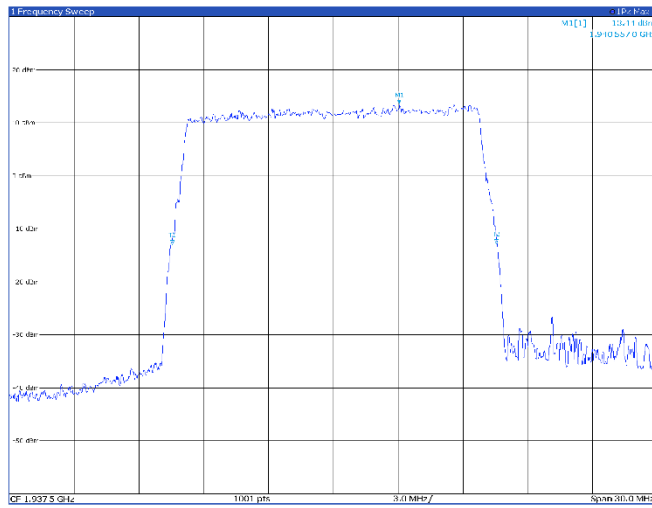


Type	Ref	Trc	X Value	Y Value	Function	Function Result
F1	-	1	1.998019 GHz	16.73 dBm	nB	20.0 dB
F1	-	1	1.998019 GHz	16.73 dBm	nB down BW	9.75 MHz
F2	-	1	1.998019 GHz	16.73 dBm	nB	20.0 dB

Band n25

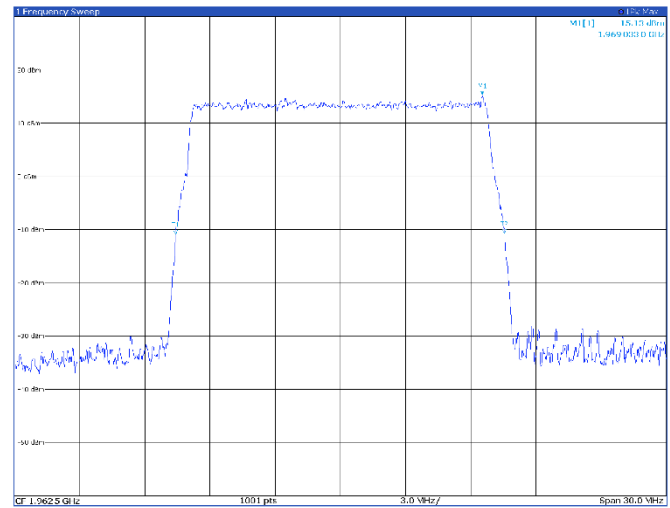
15 MHz

TM1.1, 15 MHz, low channel



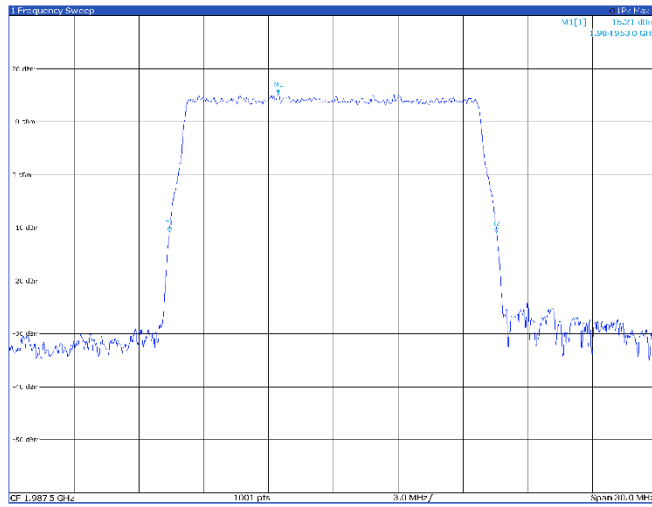
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.940557 GHz	13.44 dBm	nB	15.02 MHz
T1	1		1.940557 GHz	+0.00 dBm	nB down BW	
T2	1		1.940557 GHz	+0.00 dBm	nB down BW	

TM1.1, 15 MHz, mid channel



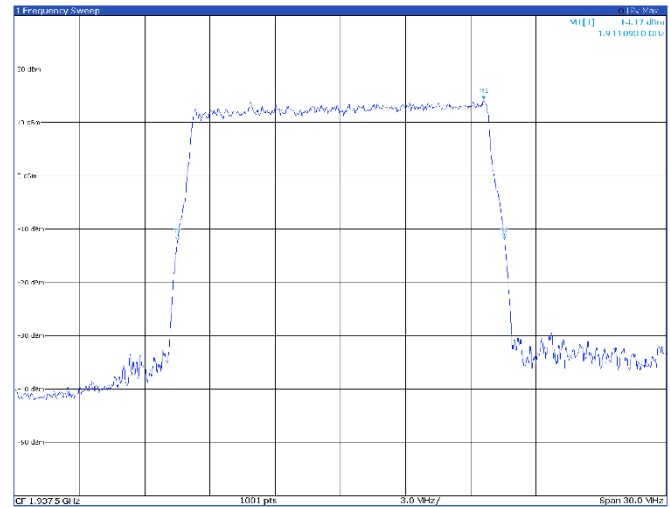
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.969033 GHz	15.13 dBm	nB	15.13 MHz
T1	1		1.969033 GHz	+0.00 dBm	nB down BW	
T2	1		1.969033 GHz	+0.00 dBm	nB down BW	

TM1.1, 15 MHz, high channel



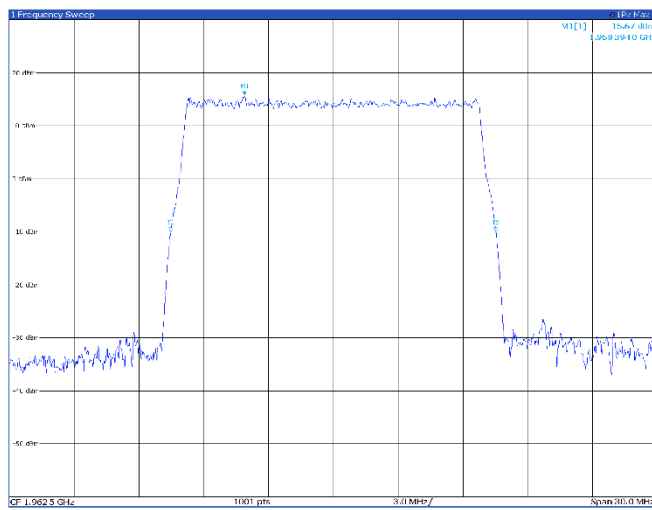
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.984953 GHz	15.21 dBm	nB	15.13 MHz
T1	1		1.984953 GHz	+0.04 dBm	nB down BW	
T2	1		1.984953 GHz	+0.04 dBm	nB down BW	

TM3p1, 15 MHz, low channel



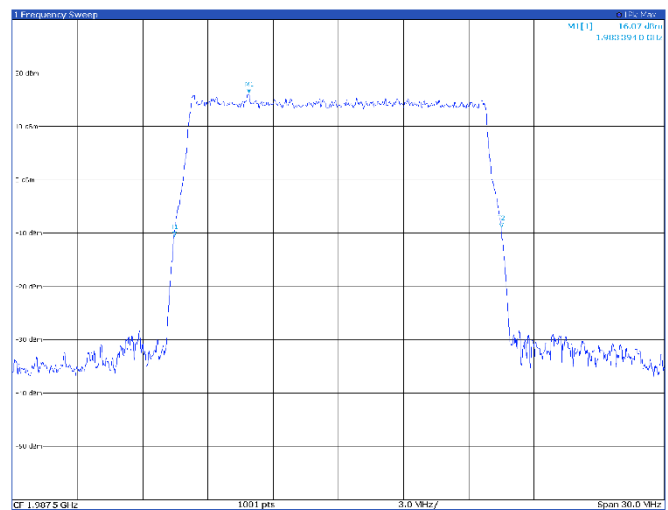
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1		1.944093 GHz	14.17 dBm	nB	15.04 MHz
T1	1		1.944093 GHz	+0.07 dBm	nB down BW	
T2	1		1.944093 GHz	+0.07 dBm	nB down BW	

TM3p1, 15 MHz, mid channel



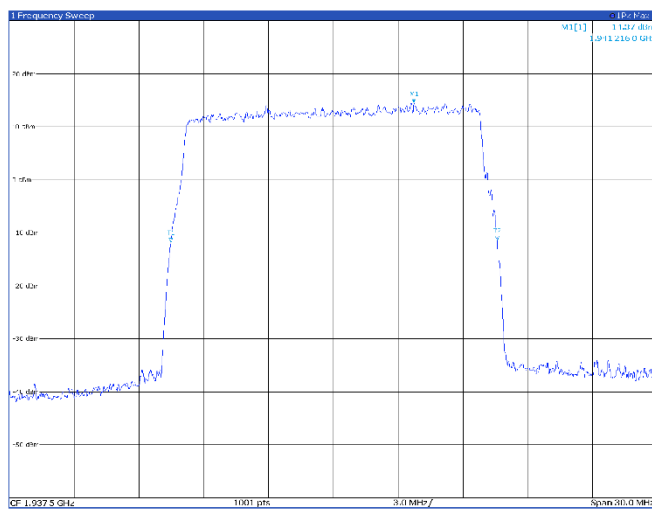
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.958394 GHz	15.67 dBm	nB	20.0 dB
F1	-	1	1.958394 GHz	-10.62 dBm	nB down BW	15.04 MHz
F2	-	1	1.958394 GHz	-10.62 dBm	Q carrier	13.0 dB

TM3p1, 15 MHz, high channel



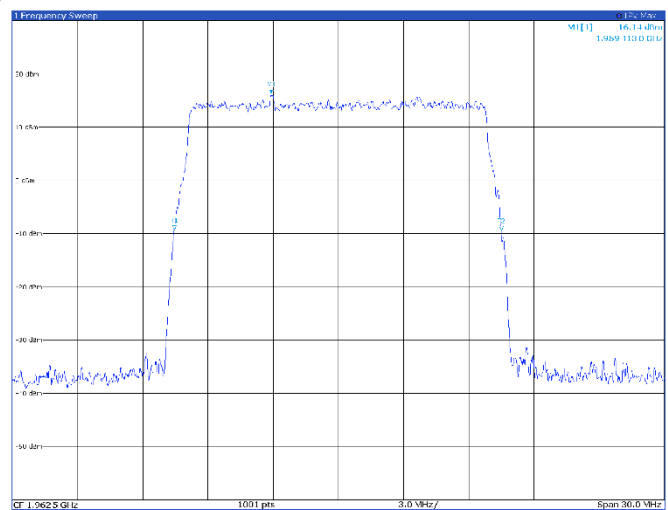
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.963394 GHz	16.07 dBm	nB	20.0 dB
F1	-	1	1.963394 GHz	-10.62 dBm	nB down BW	15.04 MHz
F2	-	1	1.963394 GHz	-10.62 dBm	Q carrier	13.0 dB

TM3p1a, 15 MHz, low channel



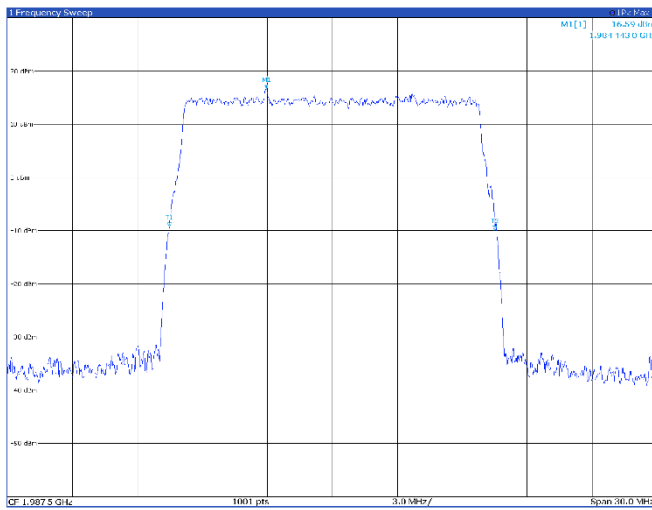
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.941216 GHz	14.37 dBm	nB	20.0 dB
F1	-	1	1.941216 GHz	-10.62 dBm	nB down BW	15.11 MHz
F2	-	1	1.941216 GHz	-10.62 dBm	Q carrier	13.0 dB

TM3p1a, 15 MHz, mid channel



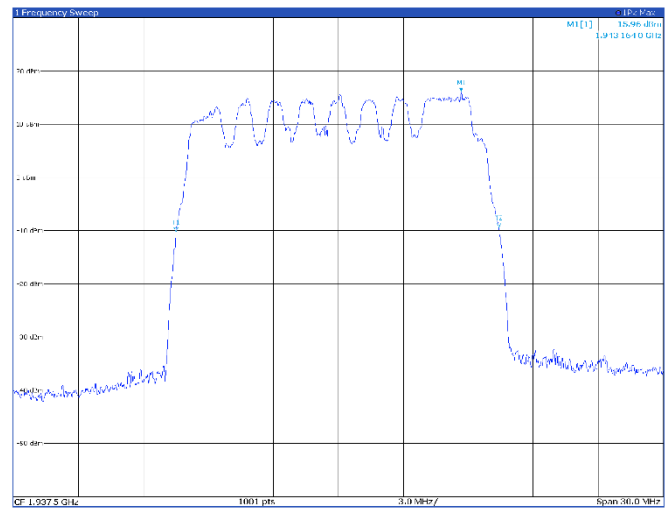
Type	Ref	Trc	X Value	Y Value	Function	Function Result
P1	-	1	1.959413 GHz	16.14 dBm	nB	20.0 dB
F1	-	1	1.959413 GHz	-10.62 dBm	nB down BW	15.04 MHz
F2	-	1	1.959413 GHz	-10.62 dBm	Q carrier	13.0 dB

TM3p1a, 15 MHz, high channel



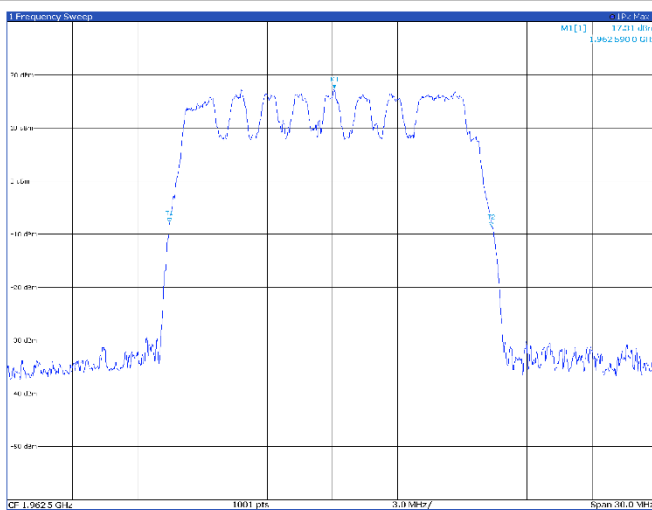
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.984443 GHz	16.59 dBm	nB	20.0 dB
M2	1	1	1.989370 GHz	-9.24 dBm	mD: down EN	15.02 MHz
M3	1	1	1.992341 GHz	-9.48 dBm	G: up	15.02 MHz

TM3p3, 15 MHz, low channel



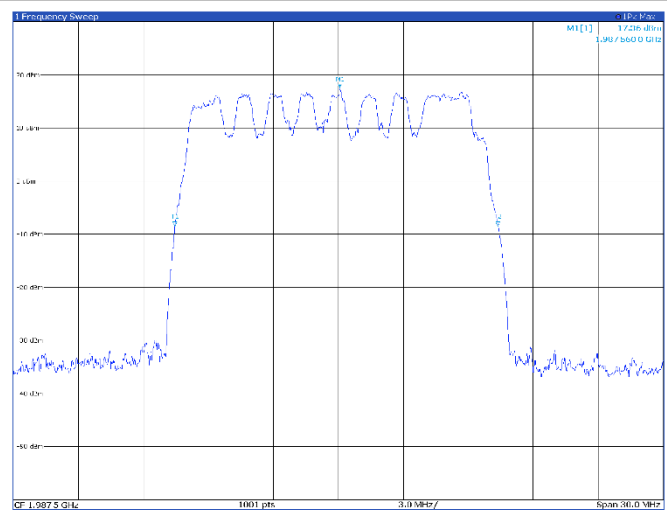
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.943164 GHz	15.96 dBm	nB	20.0 dB
M2	1	1	1.950107 GHz	-9.23 dBm	mD: down EN	14.89 MHz
M3	1	1	1.956101 GHz	-9.30 dBm	G: up	14.89 MHz

TM3p3, 15 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.98459 GHz	17.31 dBm	nB	20.0 dB
M2	1	1	1.989349 GHz	-9.42 dBm	mD: down EN	14.87 MHz
M3	1	1	1.994161 GHz	-9.44 dBm	G: up	14.87 MHz

TM3p3, 15 MHz, high channel

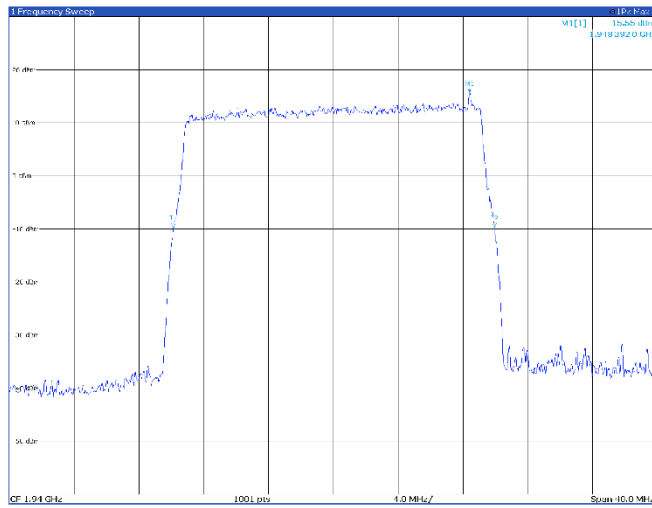


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.98756 GHz	17.36 dBm	nB	20.0 dB
M2	1	1	1.993349 GHz	-9.42 dBm	mD: down EN	14.93 MHz
M3	1	1	1.999161 GHz	-9.44 dBm	G: up	14.93 MHz

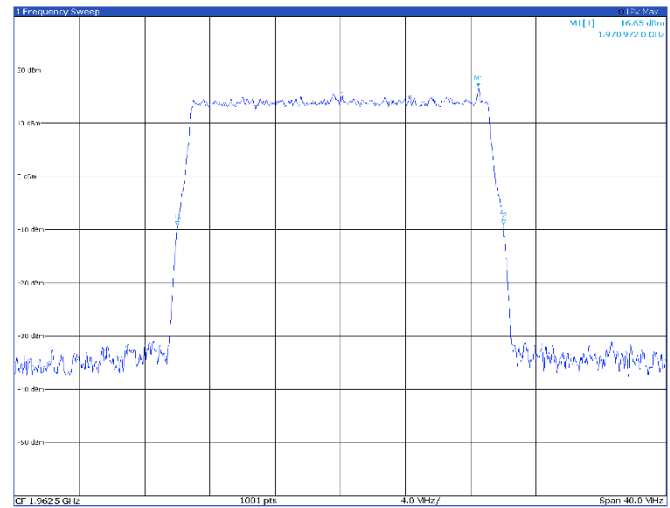
Band n25

20 MHz

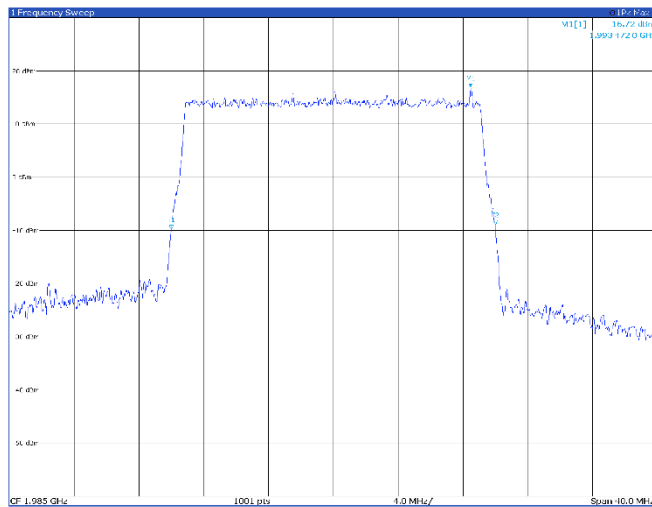
TM1.1, 20 MHz, low channel



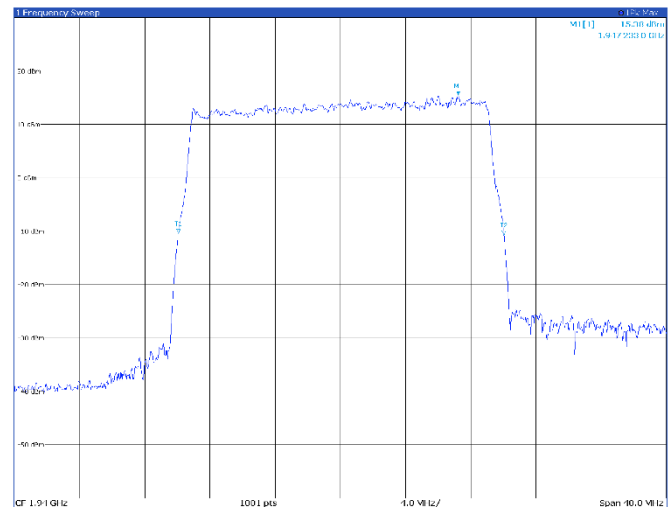
TM1.1, 20 MHz, mid channel



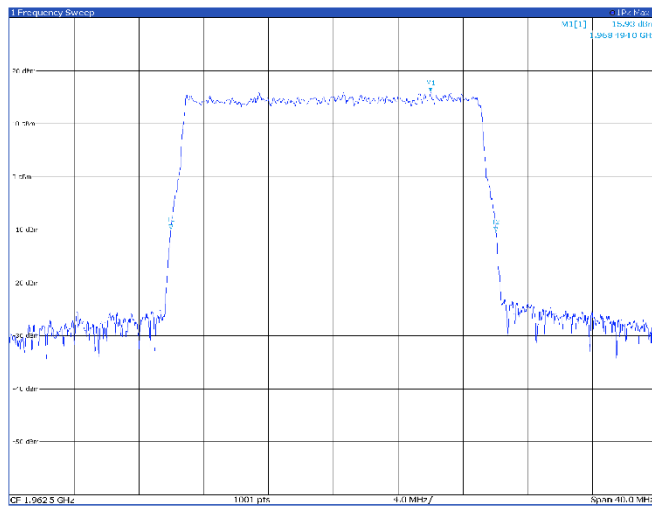
TM1.1, 20 MHz, high channel



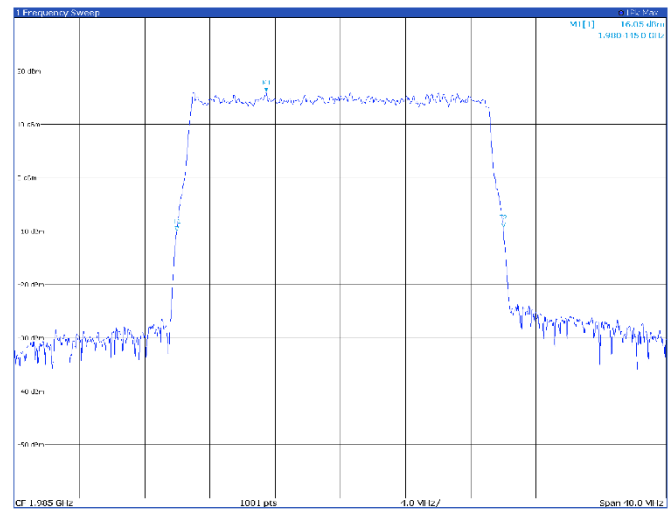
TM3p1, 20 MHz, low channel



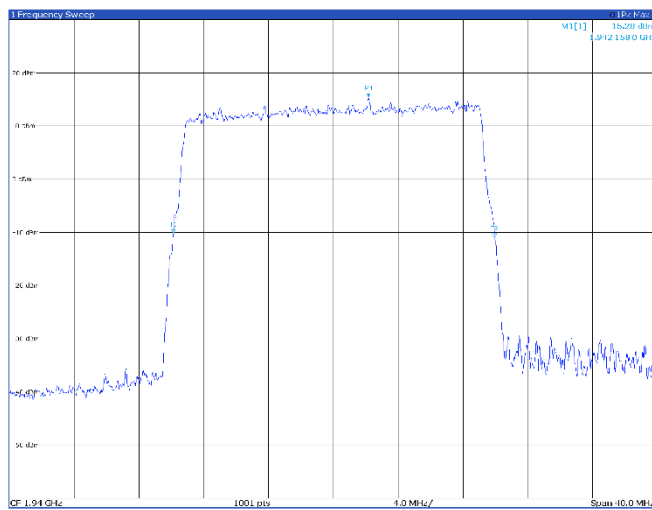
TM3p1, 20 MHz, mid channel



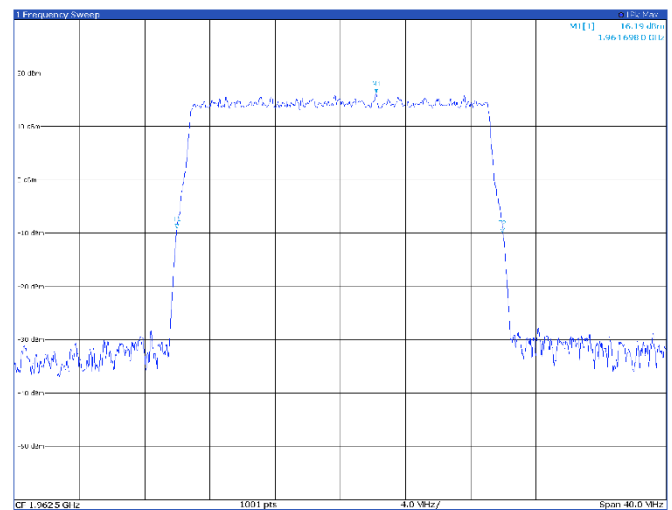
TM3p1, 20 MHz, high channel



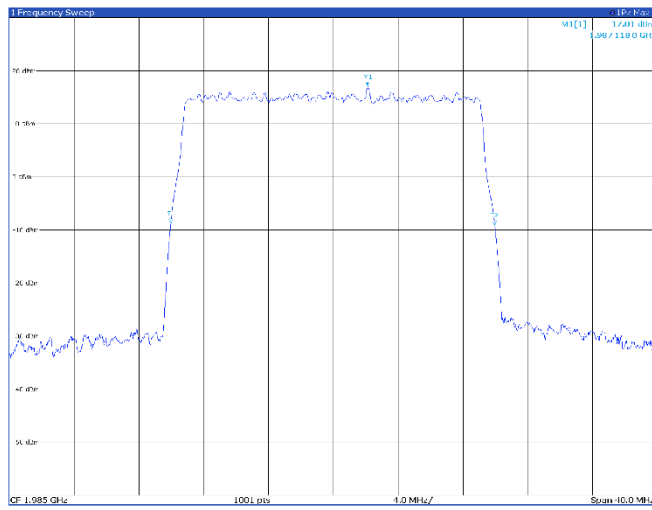
TM3p1a, 20 MHz, low channel



TM3p1a, 20 MHz, mid channel

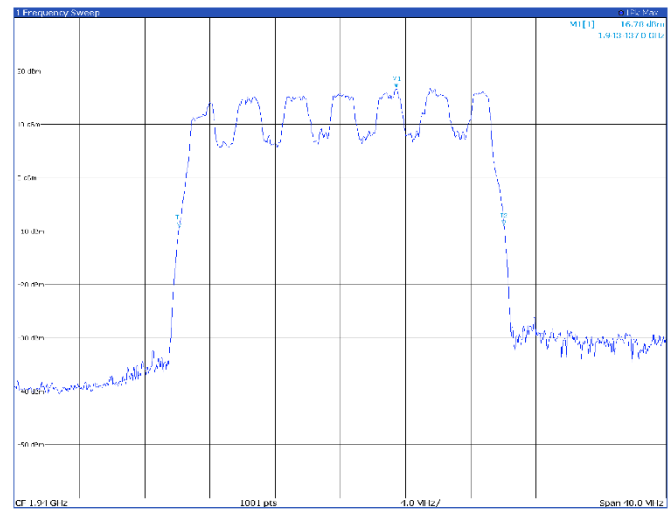


TM3p1a, 20 MHz, high channel



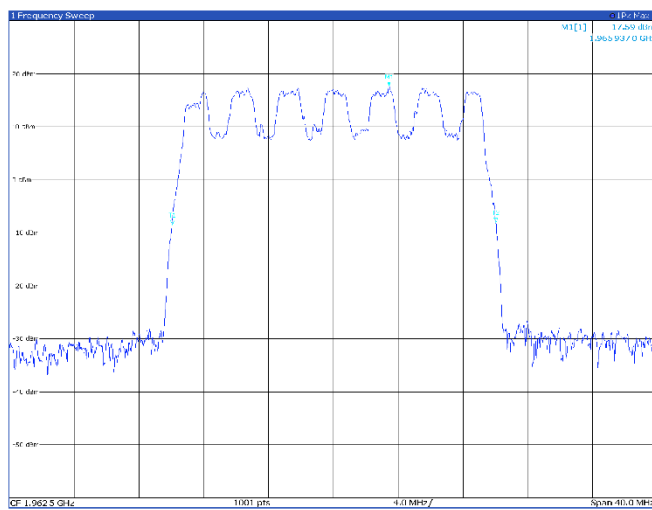
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.987118 GHz	17.01 dBm	nB	20.0 dB
M2	1	1	1.992119 GHz	19.98 MHz	nB down BW	19.98 MHz
M3	1	1	1.992119 GHz	19.98 MHz	nB down BW	19.98 MHz

TM3p3, 20 MHz, low channel



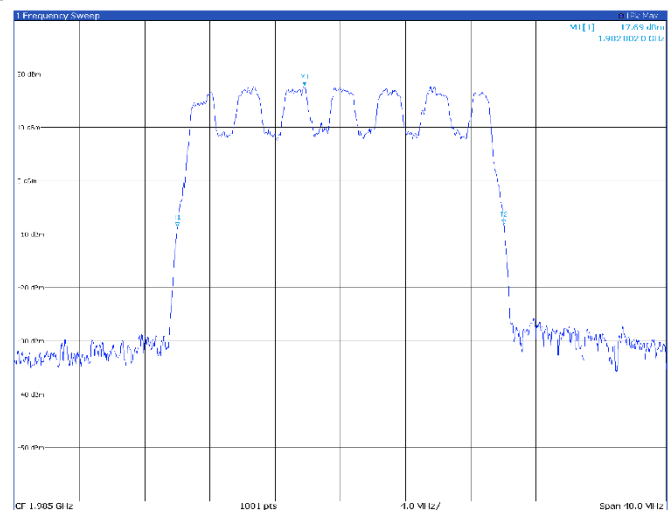
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.943437 GHz	16.78 dBm	nB	20.0 dB
M2	1	1	1.952119 GHz	19.98 MHz	nB down BW	19.98 MHz
M3	1	1	1.952119 GHz	19.98 MHz	nB down BW	19.98 MHz

TM3p3, 20 MHz, mid channel



Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.985937 GHz	17.59 dBm	nB	20.0 dB
M2	1	1	1.992119 GHz	19.98 MHz	nB down BW	19.98 MHz
M3	1	1	1.992119 GHz	19.98 MHz	nB down BW	19.98 MHz

TM3p3, 20 MHz, high channel



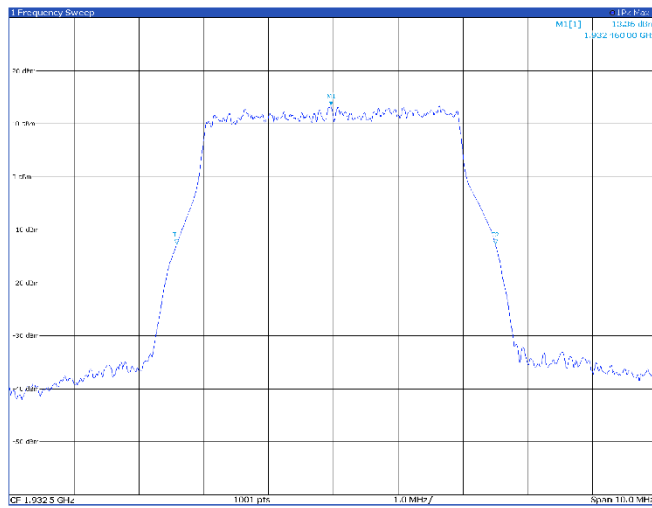
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.982802 GHz	17.69 dBm	nB	20.0 dB
M2	1	1	1.992119 GHz	20.02 MHz	nB down BW	20.02 MHz
M3	1	1	1.992119 GHz	20.02 MHz	nB down BW	20.02 MHz

Antenna port 2

Band n25

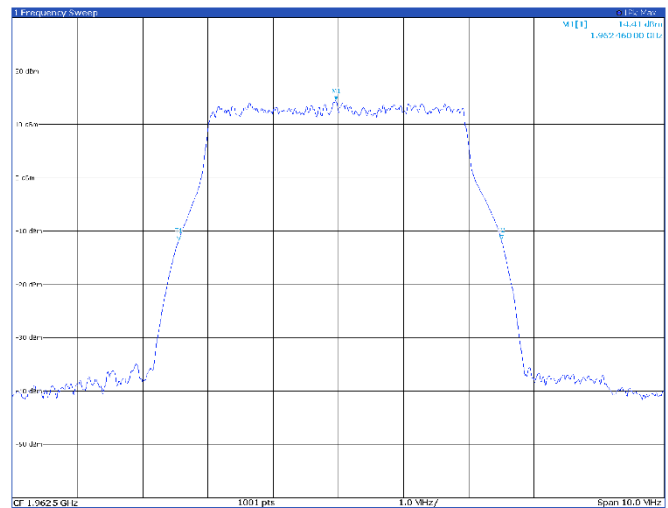
5 MHz

TM1.1, 5 MHz, low channel



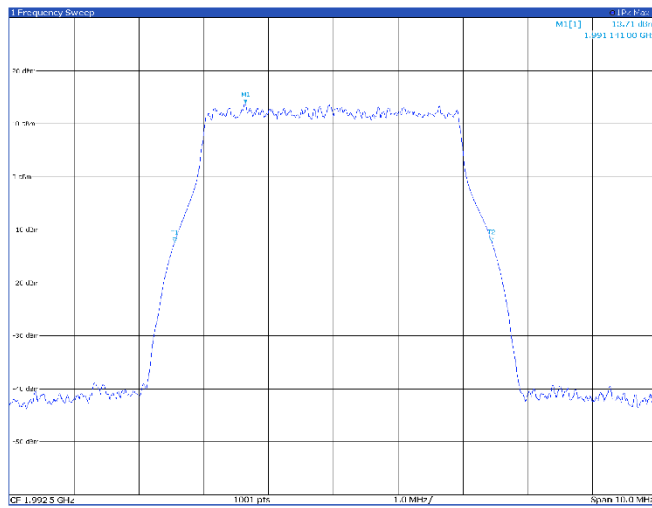
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.99246 GHz	13.36 dBm	nB	20.0 dB
M2	1	1	1.99246 GHz	-12.70 dBm	nB down BW	4.92 MHz
M3	1	1	1.99246 GHz	-11.80 dBm	Q factor	20.0

TM1.1, 5 MHz, mid channel



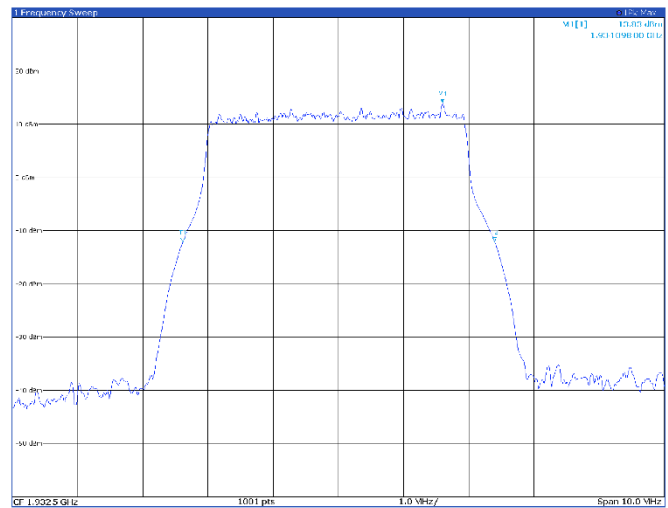
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.99246 GHz	14.41 dBm	nB	20.0 dB
M2	1	1	1.99246 GHz	-11.70 dBm	nB down BW	4.95 MHz
M3	1	1	1.99246 GHz	-11.80 dBm	Q factor	20.0

TM1.1, 5 MHz, high channel



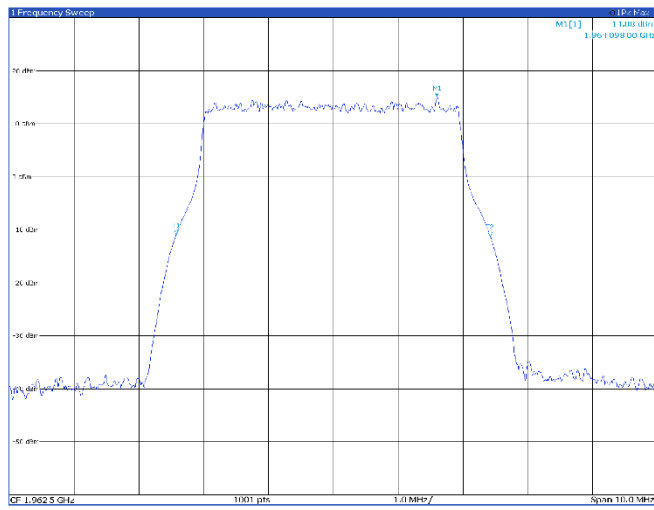
Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.991141 GHz	13.71 dBm	nB	20.0 dB
M2	1	1	1.991141 GHz	-12.06 dBm	nB down BW	4.88 MHz
M3	1	1	1.991141 GHz	-11.80 dBm	Q factor	20.0

TM3p1, 5 MHz, low channel

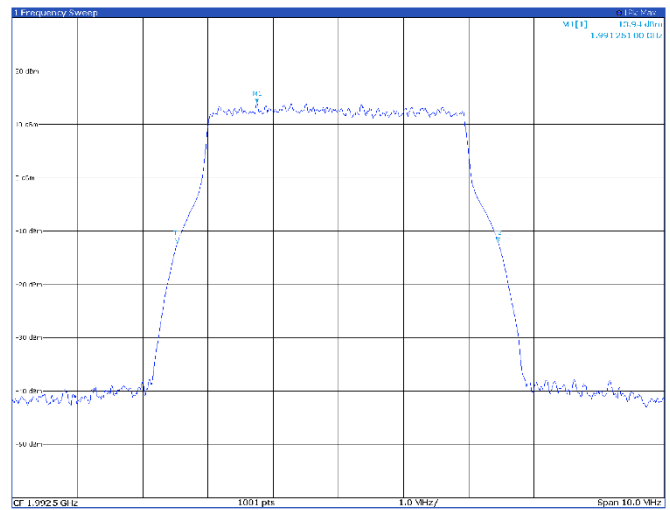


Type	Ref	Trc	X Value	Y Value	Function	Function Result
M1	1	1	1.994098 GHz	13.83 dBm	nB	20.0 dB
M2	1	1	1.994098 GHz	-12.06 dBm	nB down BW	4.79 MHz
M3	1	1	1.994098 GHz	-11.80 dBm	Q factor	20.0

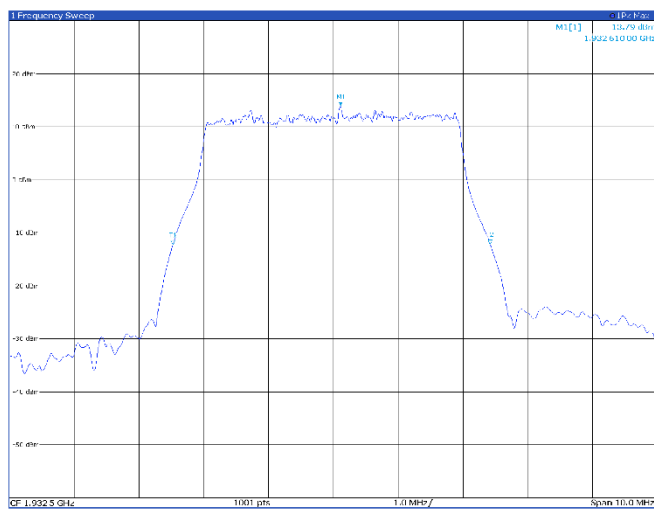
TM3p1, 5 MHz, mid channel



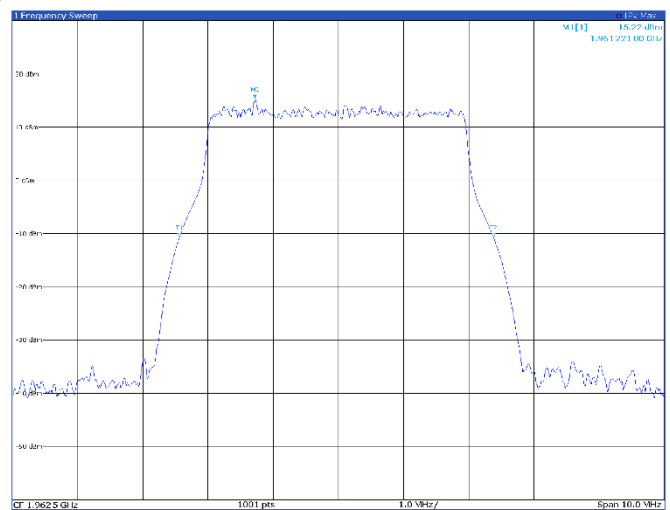
TM3p1, 5 MHz, high channel

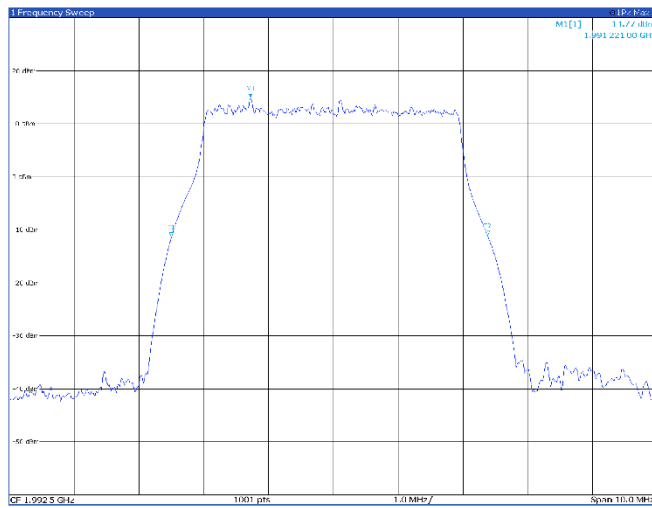


TM3p1a, 5 MHz, low channel

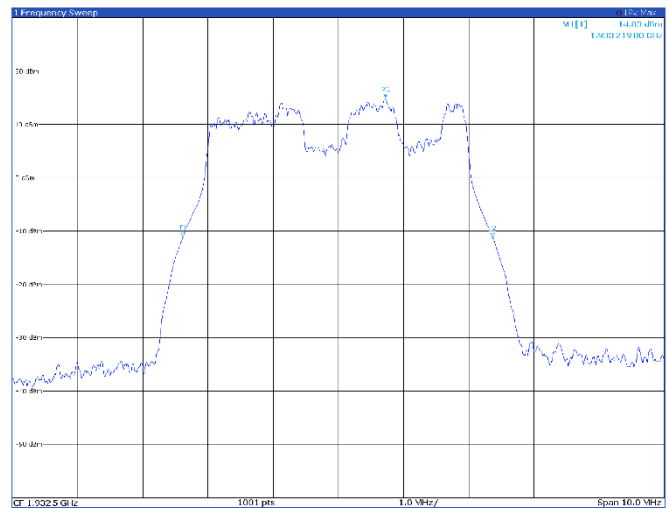


TM3p1a, 5 MHz, mid channel

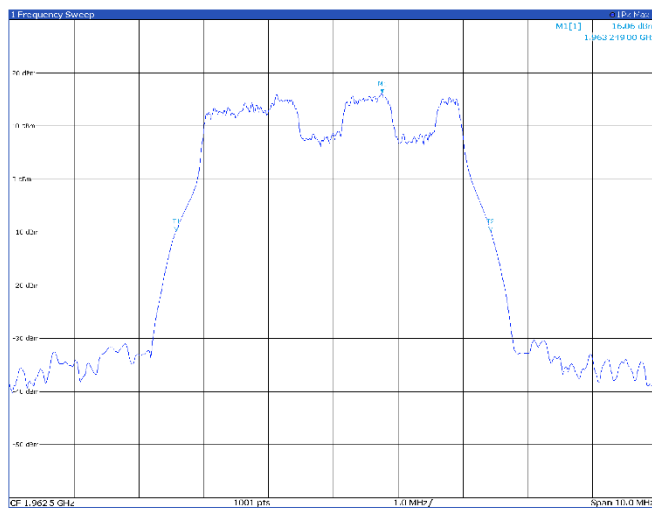


TM3p1a, 5 MHz, high channel


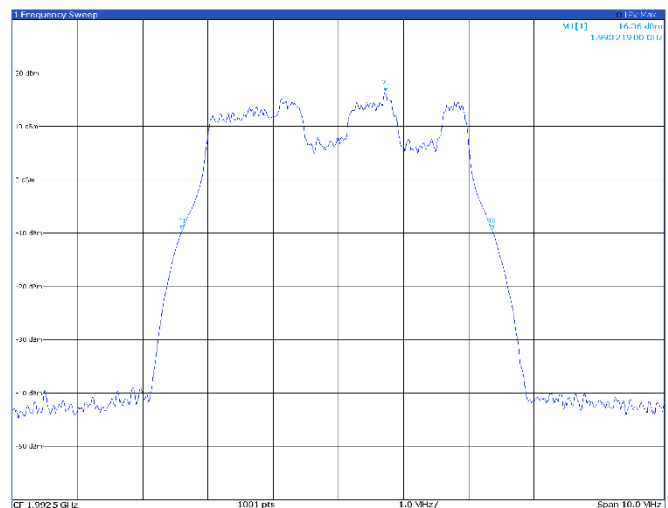
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.991221 GHz	14.77 dBm	nB	20.0 dB	4.88 MHz
M1	1	1	1.991221 GHz	14.77 dBm	nB	20.0 dB	4.88 MHz
M1	1	1	1.991221 GHz	14.77 dBm	nB	20.0 dB	4.88 MHz

TM3p3, 5 MHz, low channel


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.993219 GHz	14.83 dBm	nB	20.0 dB	4.75 MHz
M1	1	1	1.993219 GHz	14.83 dBm	nB	20.0 dB	4.75 MHz
M1	1	1	1.993219 GHz	14.83 dBm	nB	20.0 dB	4.75 MHz

TM3p3, 5 MHz, mid channel


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.993219 GHz	16.06 dBm	nB	20.0 dB	4.86 MHz
M1	1	1	1.993219 GHz	16.06 dBm	nB	20.0 dB	4.86 MHz
M1	1	1	1.993219 GHz	16.06 dBm	nB	20.0 dB	4.86 MHz

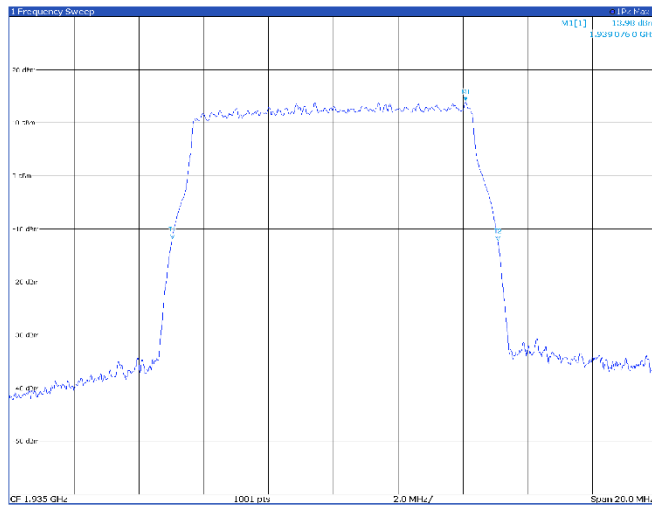
TM3p3, 5 MHz, high channel


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
M1	1	1	1.993219 GHz	16.36 dBm	nB	20.0 dB	4.75 MHz
M1	1	1	1.993219 GHz	16.36 dBm	nB	20.0 dB	4.75 MHz
M1	1	1	1.993219 GHz	16.36 dBm	nB	20.0 dB	4.75 MHz

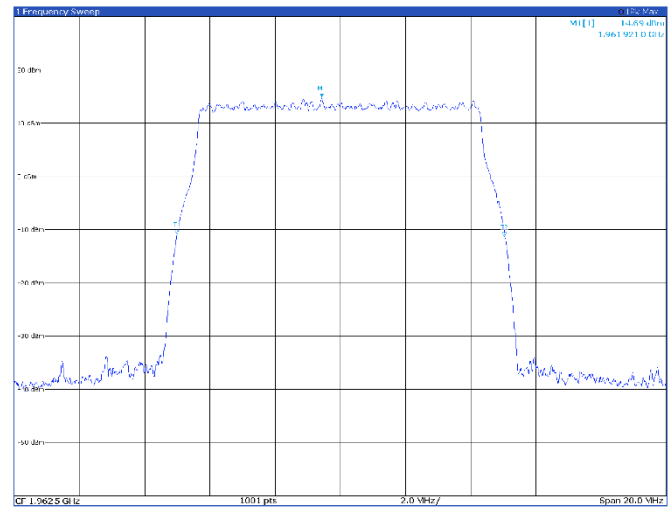
Band n25

10 MHz

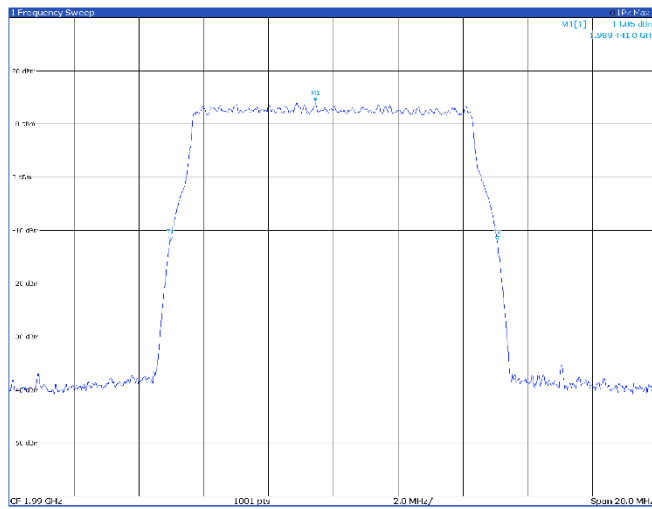
TM1.1, 10 MHz, low channel



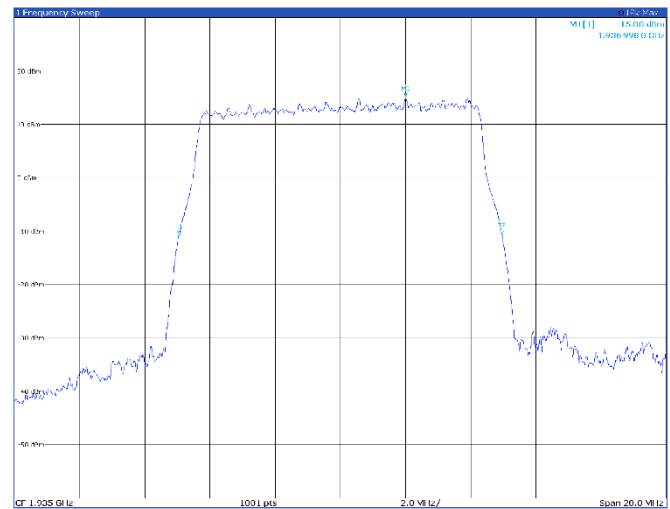
TM1.1, 10 MHz, mid channel



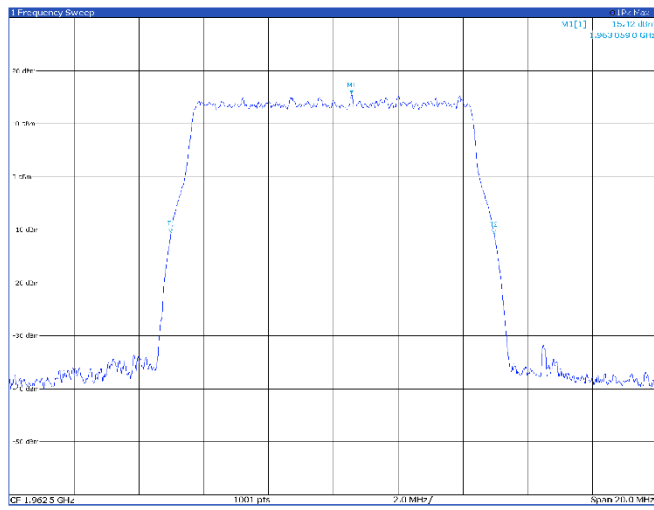
TM1.1, 10 MHz, high channel



TM3p1, 10 MHz, low channel

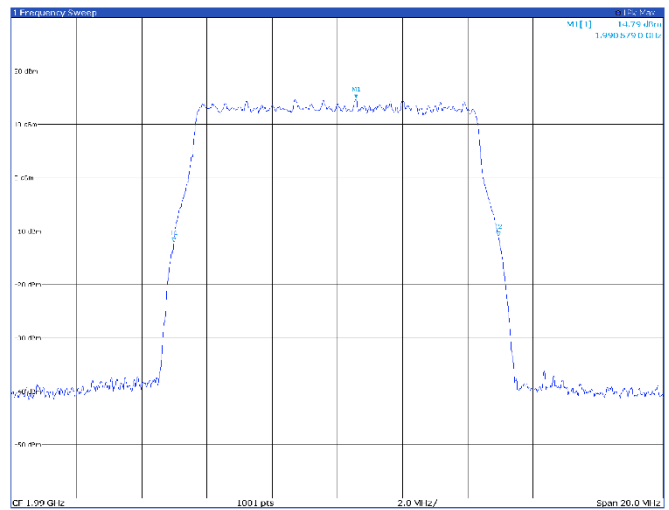


TM3p1, 10 MHz, mid channel



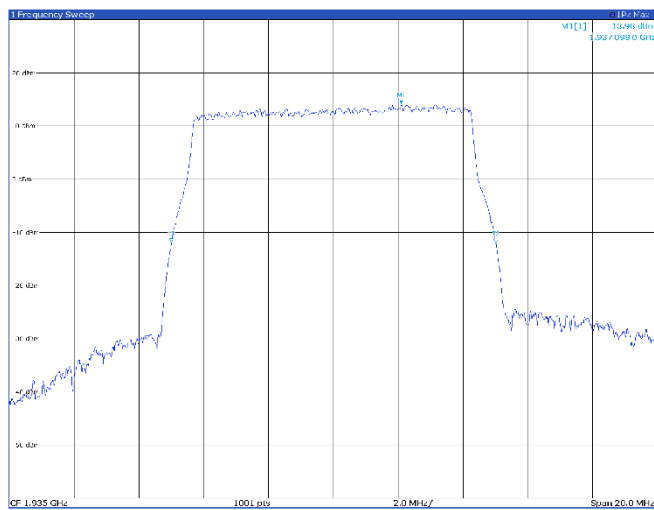
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	1	1	1.963059 GHz	15.42 dBm	-12.12 dBm	mB down BW	9.97 MHz
P2	1	1	1.963059 GHz	15.42 dBm	-12.12 dBm	mB down BW	9.97 MHz

TM3p1, 10 MHz, high channel



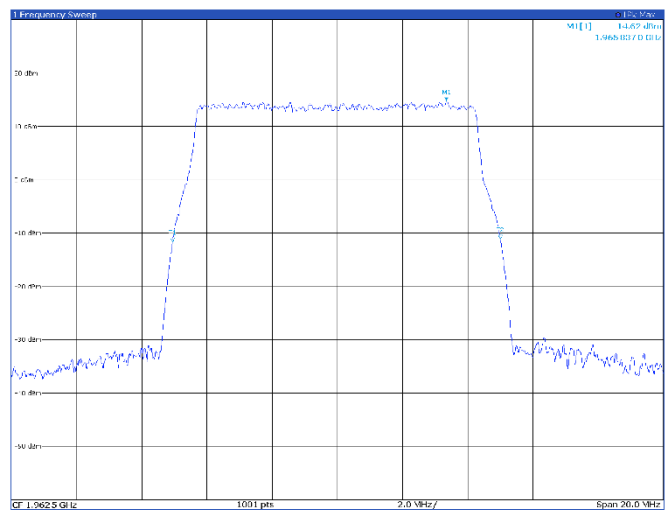
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	1	1	1.990579 GHz	14.79 dBm	-12.12 dBm	mB down BW	9.95 MHz
P2	1	1	1.990579 GHz	14.79 dBm	-12.12 dBm	mB down BW	9.95 MHz

TM3p1a, 10 MHz, low channel



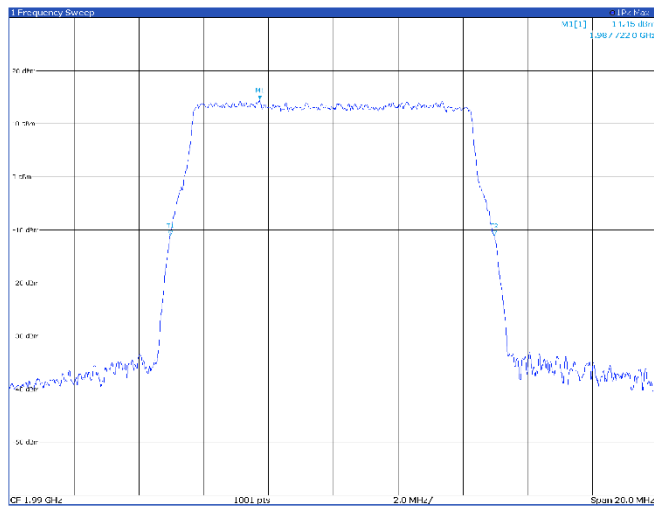
Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	1	1	1.937098 GHz	13.95 dBm	-11.92 dBm	mB down BW	10.01 MHz
P2	1	1	1.937098 GHz	13.95 dBm	-11.92 dBm	mB down BW	10.01 MHz

TM3p1a, 10 MHz, mid channel

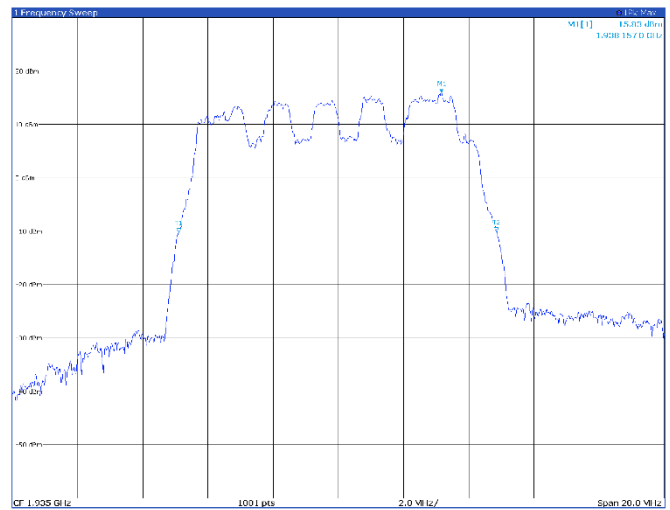


Type	Ref	Trc	X Value	Y Value	nB	Function	Function Result
P1	1	1	1.965837 GHz	14.62 dBm	-11.75 dBm	mB down BW	10.05 MHz
P2	1	1	1.965837 GHz	14.62 dBm	-11.75 dBm	mB down BW	10.05 MHz

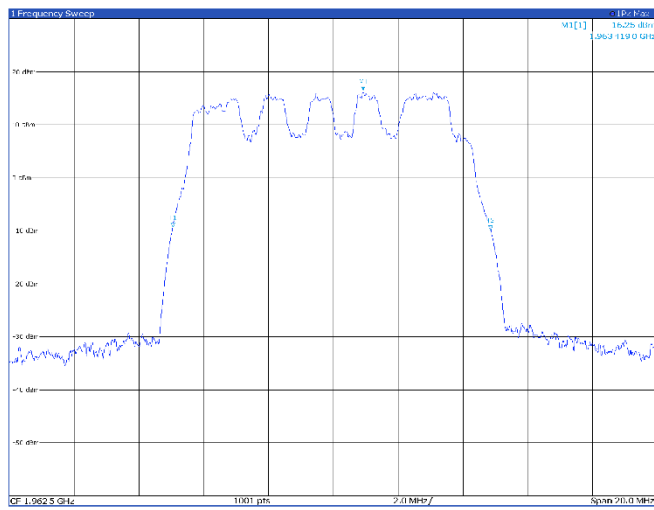
TM3p1a, 10 MHz, high channel



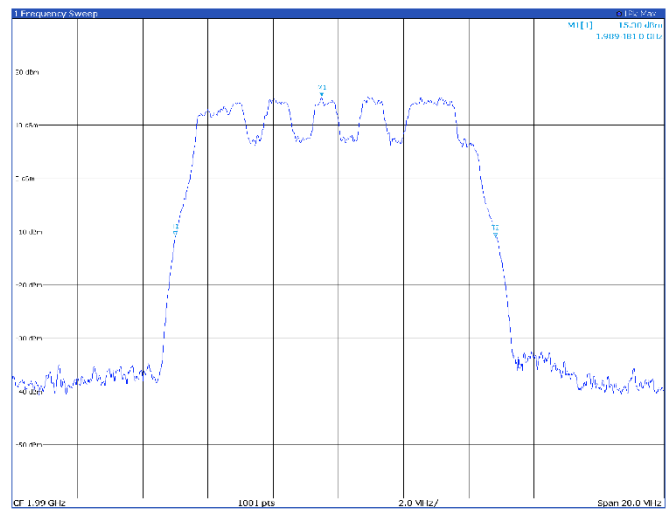
TM3p3, 10 MHz, low channel



TM3p3, 10 MHz, mid channel



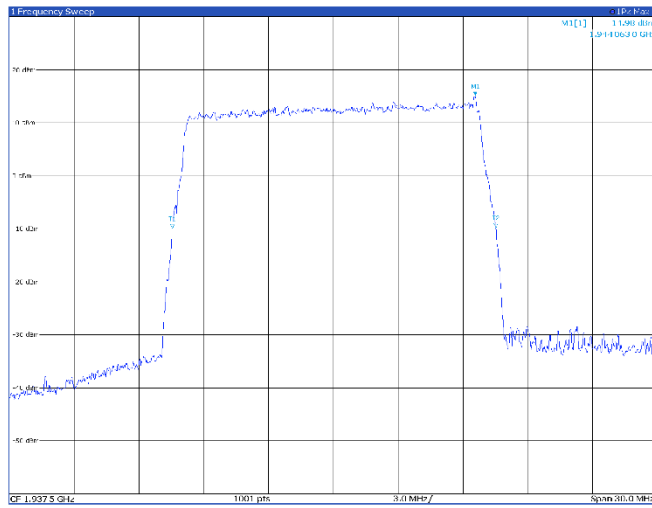
TM3p3, 10 MHz, high channel



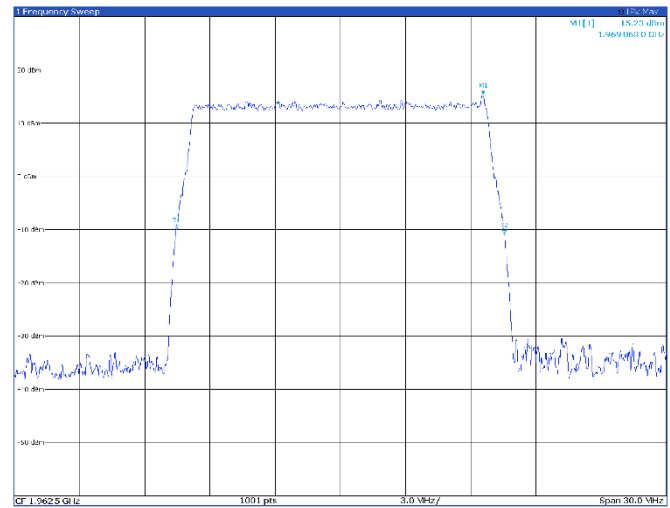
Band n25

15 MHz

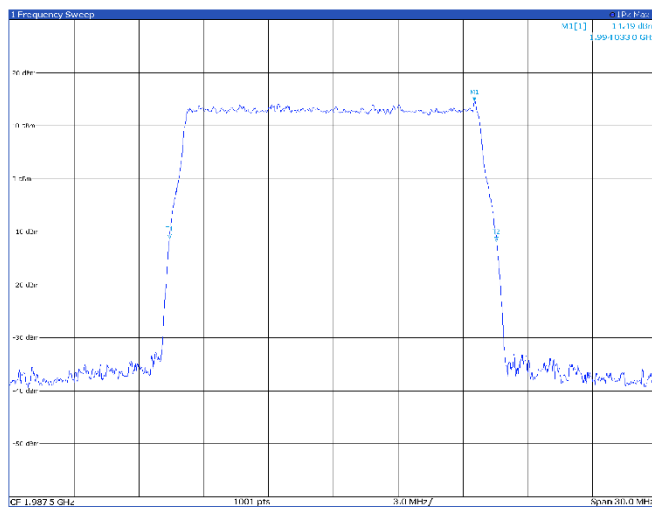
TM1.1, 15 MHz, low channel



TM1.1, 15 MHz, mid channel



TM1.1, 15 MHz, high channel



TM3p1, 15 MHz, low channel

