

Conducted Power Measurement Results:

Frequency Band (MHz)	Channel Frequency (MHz)	Channel Bandwidth (kHz)	Modulation	Meas. Detector	Measured Power ⁽¹⁾ [P _{Meas}] (dBm)	Antenna Gain [G] (dBd)	ERP Power [P _{erp}] (dBm)	Limit [P _{Lim}] (dBm)	Margin (dB)
757-758	757.5	12.50	QPSK	RMS	36.57	15.85	52.42	60	7.6
			16QAM		33.67		49.52		10.5
			64QAM		32.30		48.15		11.9
			256QAM		31.60		47.45		12.6
787-788	787.5		QPSK		36.20		52.05		8.0
			16QAM		33.16		49.01		11.0
			64QAM		32.26		48.11		11.9
			256QAM		31.43		47.28		12.7

Result:**Complies**

(1) Path Loss, including cable, attenuator and connectors, accounted for in the instrument's Transducer Factor (TDF)

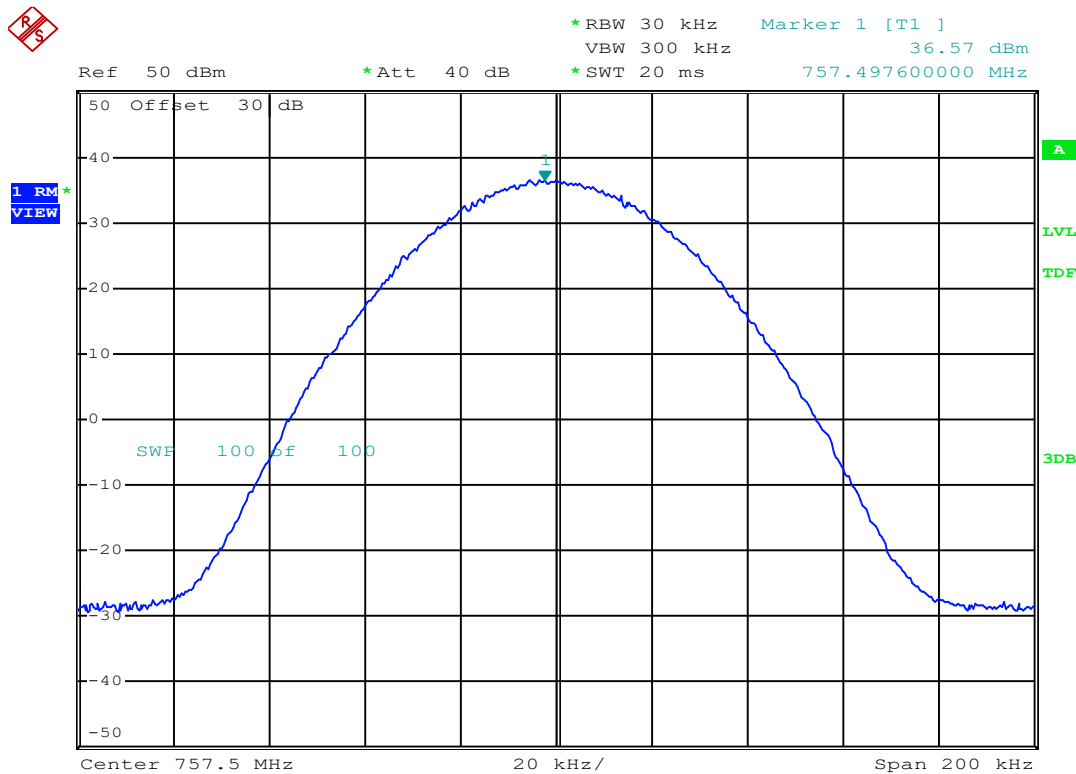
Approximate Path Loss (worst case) = 0.6dB @1GHz

ERP [P_{erp}] = [P_{meas}] + [G](dBd)Margin = [P_{lim}] - [P_{erp}]

The Gain of the ZDAP750-10-60D used for compliance to §27.50(b) and §27.53(f) is assumed for this calculation

Note: Maximum Output Power is field-programable.

Conducted Power:



Date: 18.NOV.2025 15:34:29

Channel BW: 12.5 kHz

Channel Frequency: 757.5 MHz

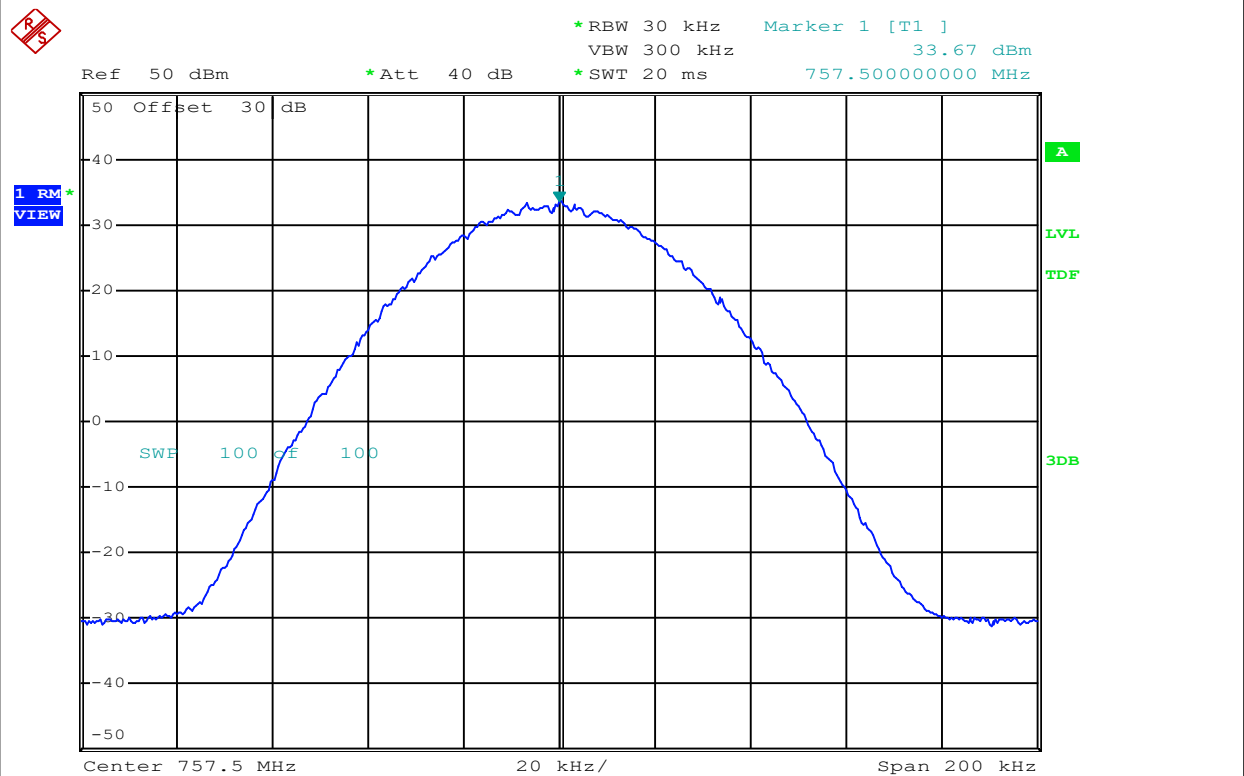
Meas. Detector:	RMS
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Modulation: QPSK

Band: 757-758 MHz

Measured Channel Power: 36.57 dBm

Conducted Power:



Date: 18.NOV.2025 15:35:16

Channel BW: 12.5 kHz

Channel Frequency: 757.5 MHz

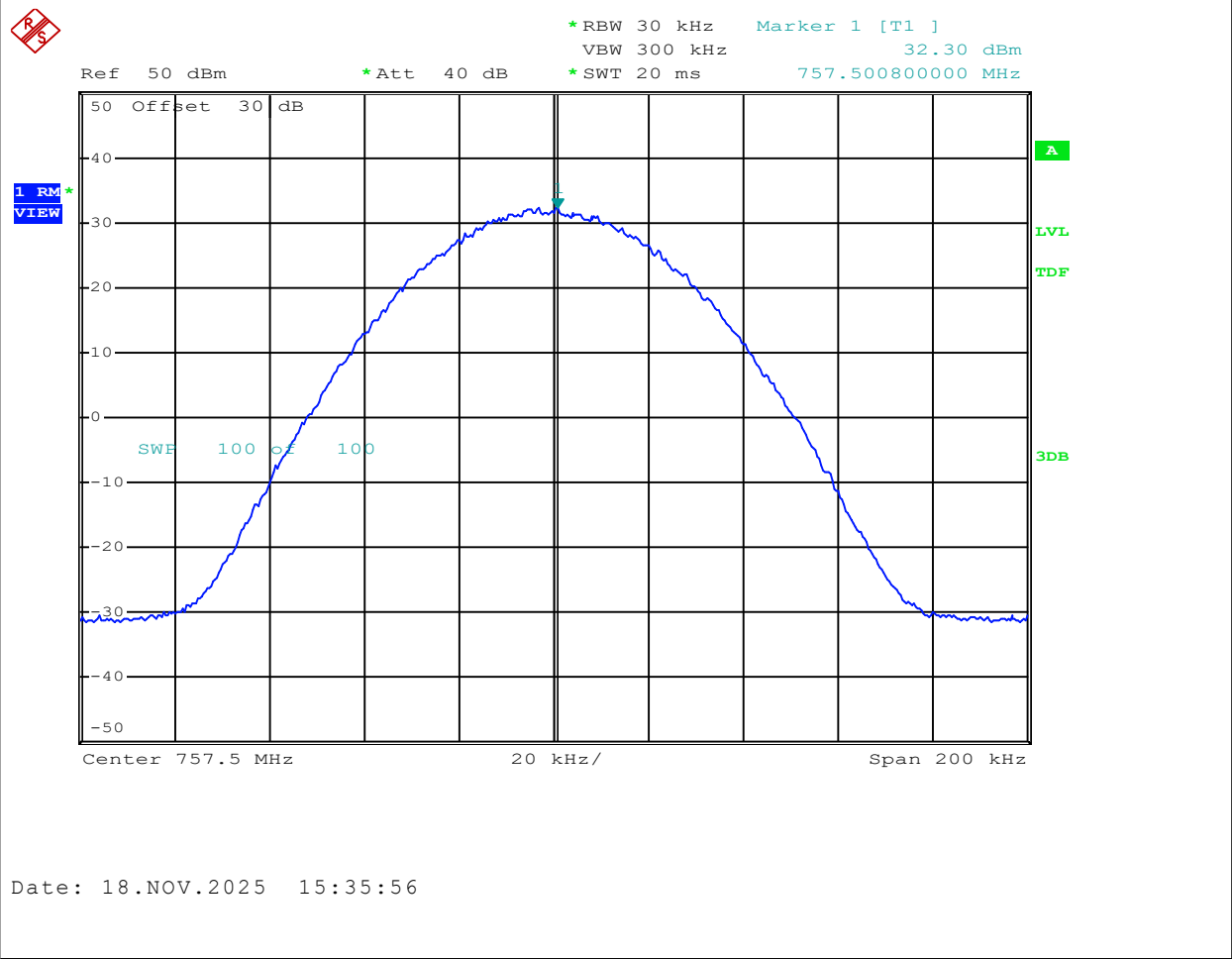
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 757-758 MHz

Measured Channel Power: 33.67 dBm

Conducted Power:



Date: 18.NOV.2025 15:35:56

Channel BW: 12.5 kHz

Channel Frequency: 757.5 MHz

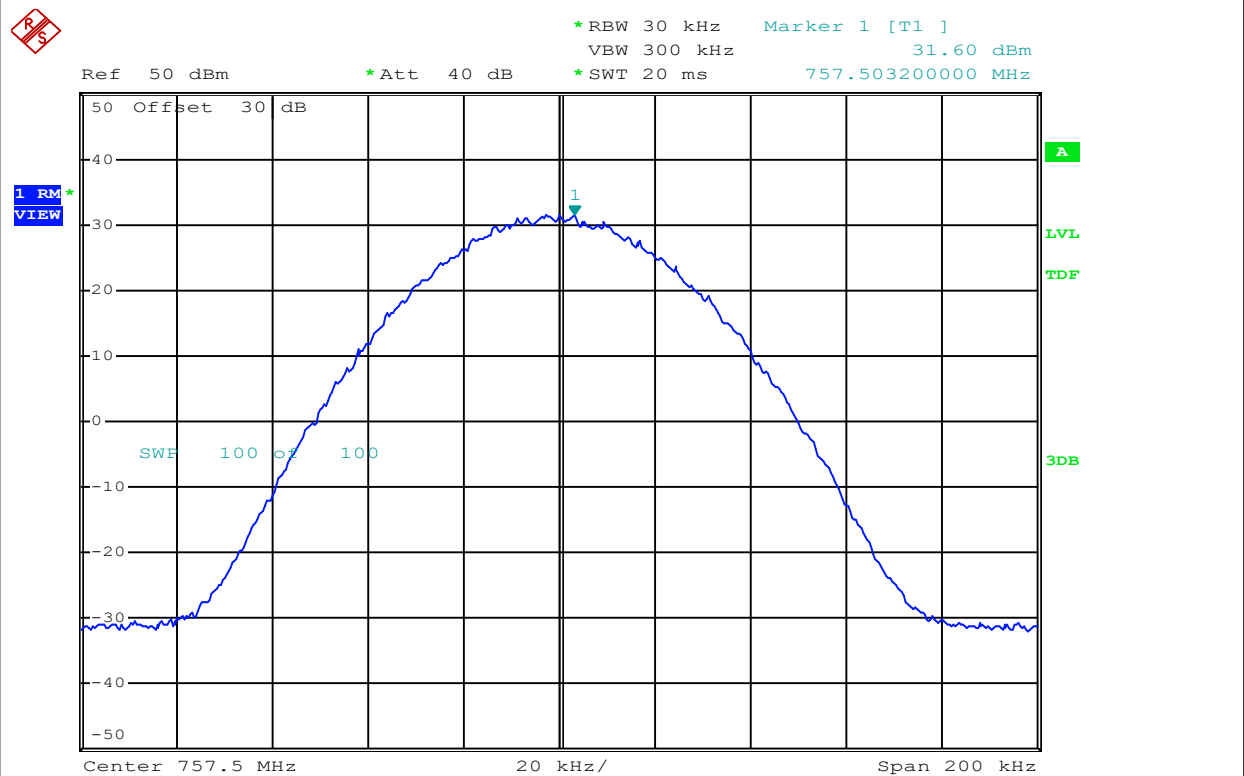
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 757-758 MHz

Measured Channel Power: 32.3 dBm

Conducted Power:



Date: 18.NOV.2025 15:36:41

Channel BW: 12.5

Channel Frequency: 757.5

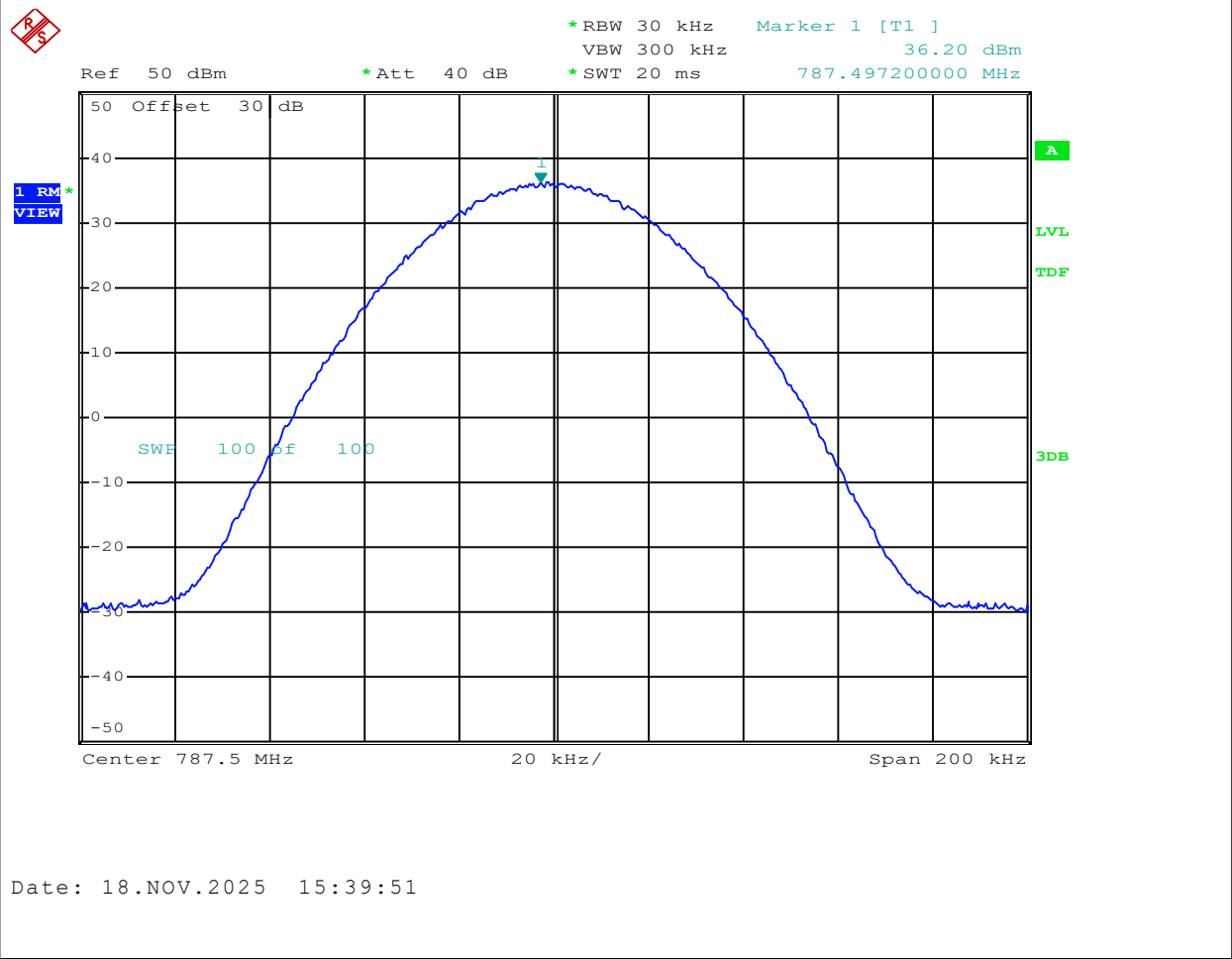
Meas. Detector: RMS

Modulation: 256QAM

Band: 757-758

Measured Channel Power: 31.6

Conducted Power:



Date: 18.NOV.2025 15:39:51

Channel BW: 12.5 kHz

Channel Frequency: 787.5 MHz

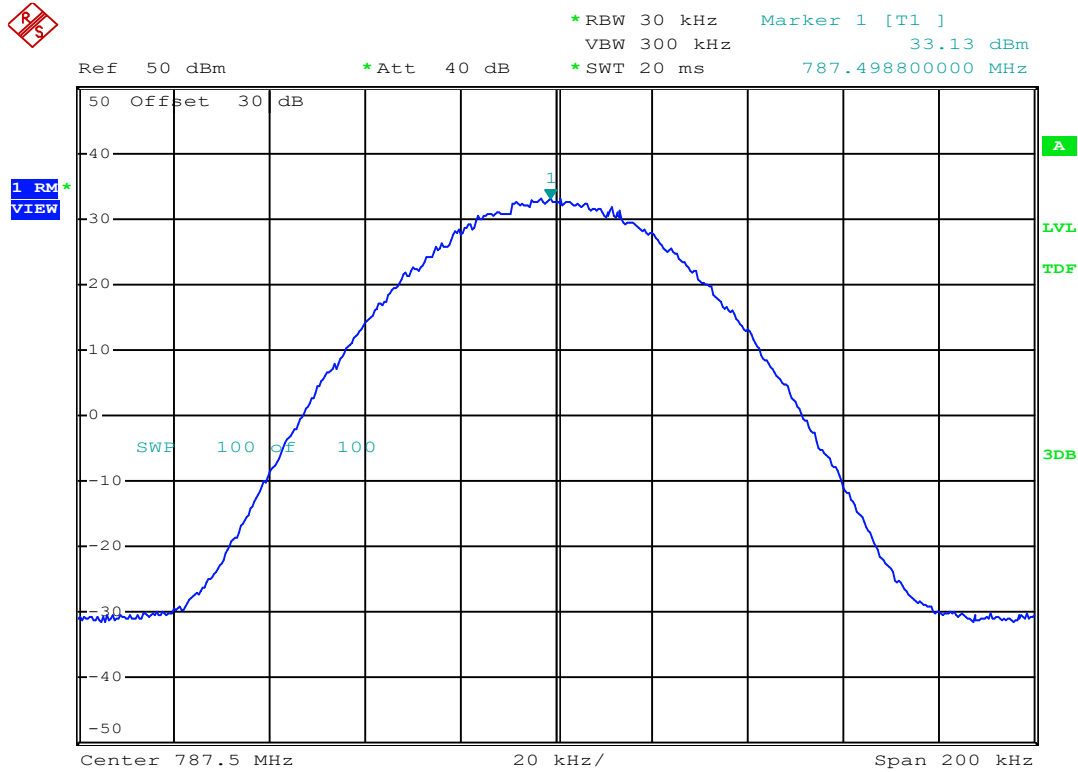
Meas. Detector:	RMS
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Modulation: QPSK

Band: 787-788 MHz

Measured Channel Power: 36.2 dBm

Conducted Power:	
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Date: 18.NOV.2025 15:40:39

Channel BW: 12.5 kHz

Channel Frequency: 787.5 MHz

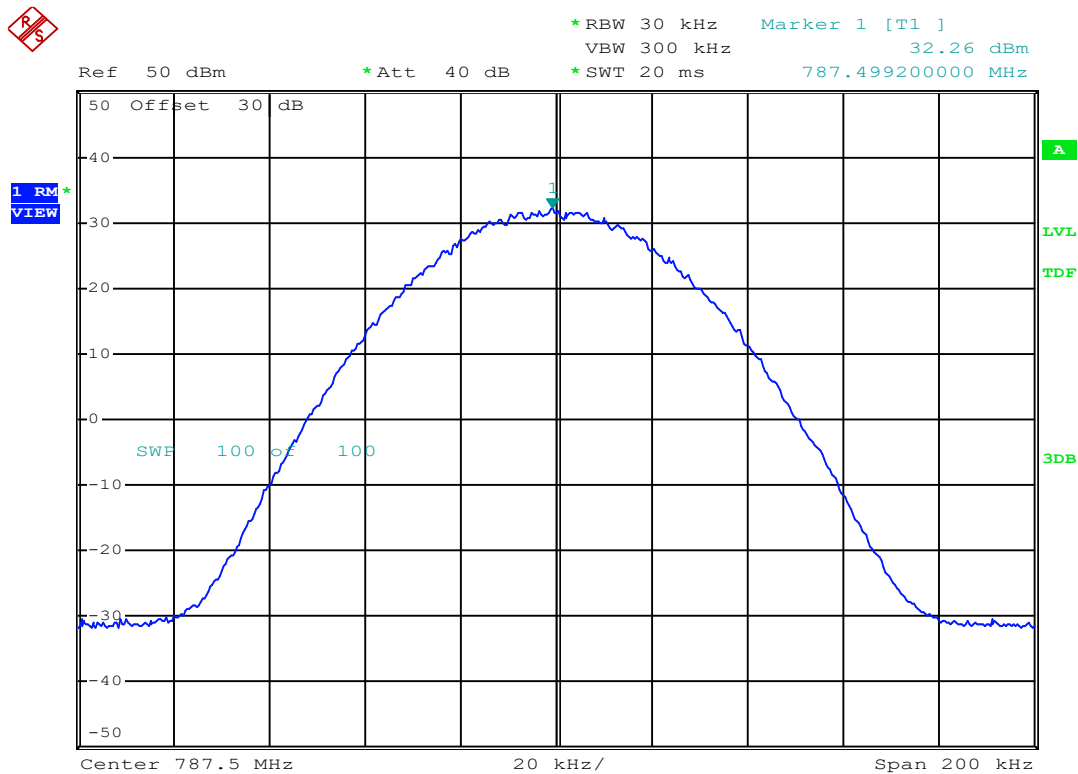
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 787-788 MHz

Measured Channel Power: 33.16 dBm

Conducted Power:



Date: 18.NOV.2025 15:41:14

Channel BW: 12.5 kHz

Channel Frequency: 787.5 MHz

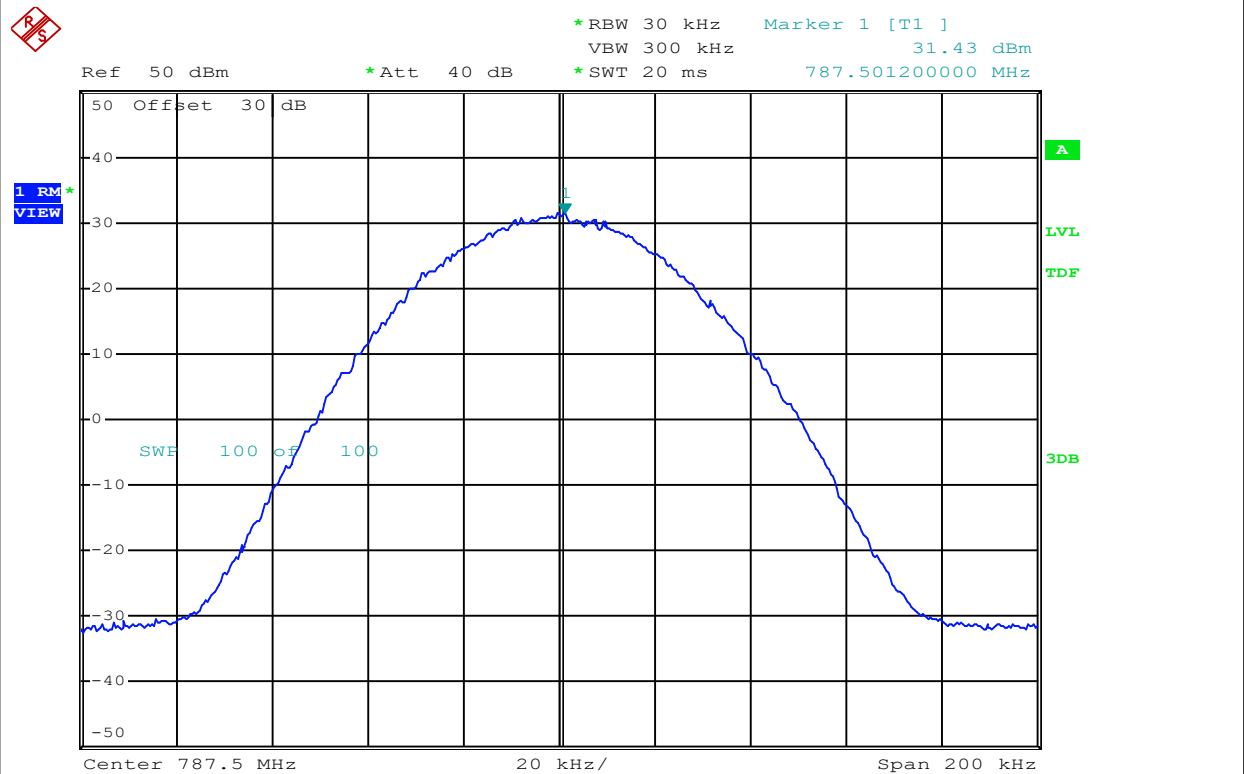
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 787-788 MHz

Measured Channel Power: 32.26 dBm

Conducted Power:



Date: 18.NOV.2025 15:41:57

Channel BW: 12.5 kHz

Channel Frequency: 787.5 MHz

Meas. Detector:	RMS
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Modulation: 256QAM

Band: 787-788 MHz

Measured Channel Power: 31.43 dBm

Conducted Power Measurement Results:

Frequency Band (MHz)	Channel Frequency (MHz)	Channel Bandwidth (kHz)	Modulation	Meas. Detector	Measured Power ⁽¹⁾ [P _{Meas}] (dBm)	Antenna Gain [G] (dBd)	ERP Power [P _{erp}] (dBm)	Limit [P _{Lim}] (dBm)	Margin (dB)
757-758	757.5	25.00	QPSK	RMS	36.40	15.85	52.25	60	7.8
			16QAM		33.64		49.49		10.5
			64QAM		32.28		48.13		11.9
			256QAM		31.99		47.84		12.2
787-788	787.5		QPSK		35.99		51.84		8.2
			16QAM		33.47		49.32		10.7
			64QAM		32.03		47.88		12.1
			256QAM		31.27		47.12		12.9

Result:**Complies**

(1) Path Loss, including cable, attenuator and connectors, accounted for in the instrument's Transducer Factor (TDF)

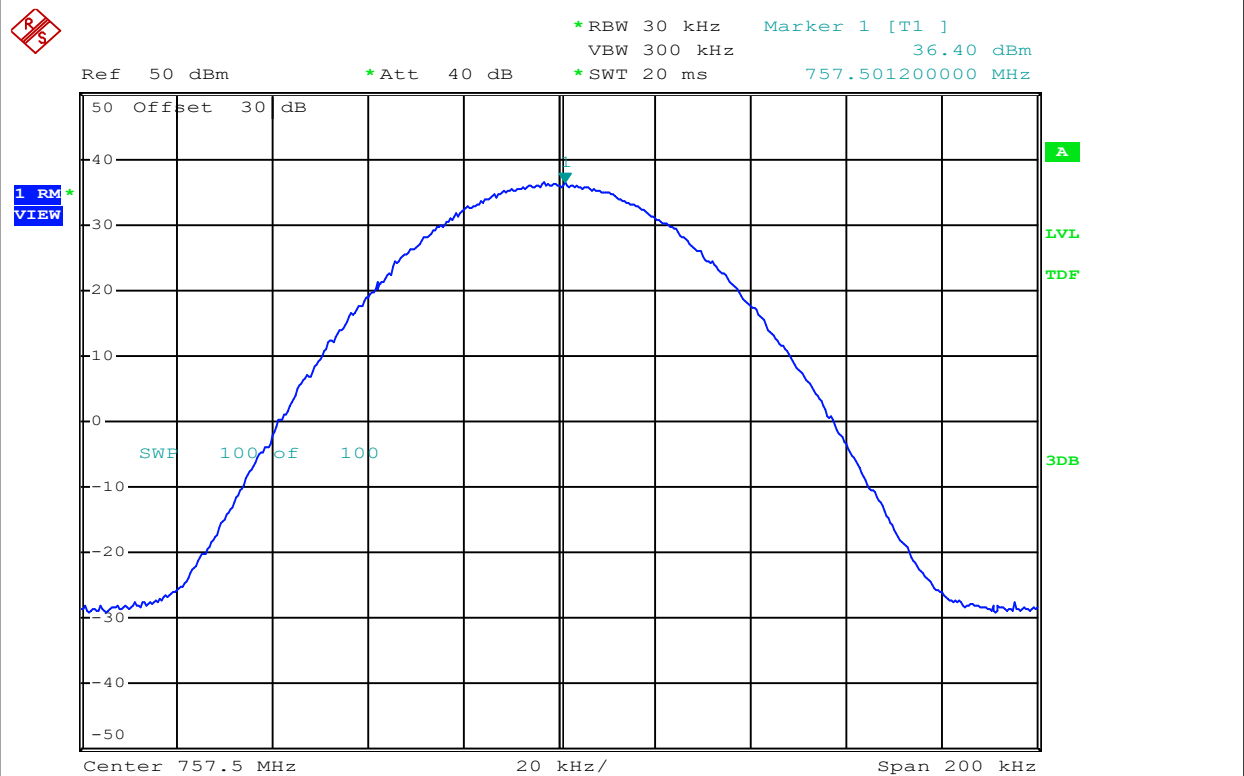
Approximate Path Loss (worst case) = 0.6dB @1GHz

ERP [P_{erp}] = [P_{meas}] + [G](dBd)Margin = [P_{lim}] - [P_{erp}]

The Gain of the ZDAP750-10-60D used for compliance to §27.50(b) and §27.53(f) is assumed for this calculation

Note: Maximum Output Power is field-programable.

Conducted Power:



Date: 18.NOV.2025 15:51:44

Channel BW: 25 kHz

Channel Frequency: 757.5 MHz

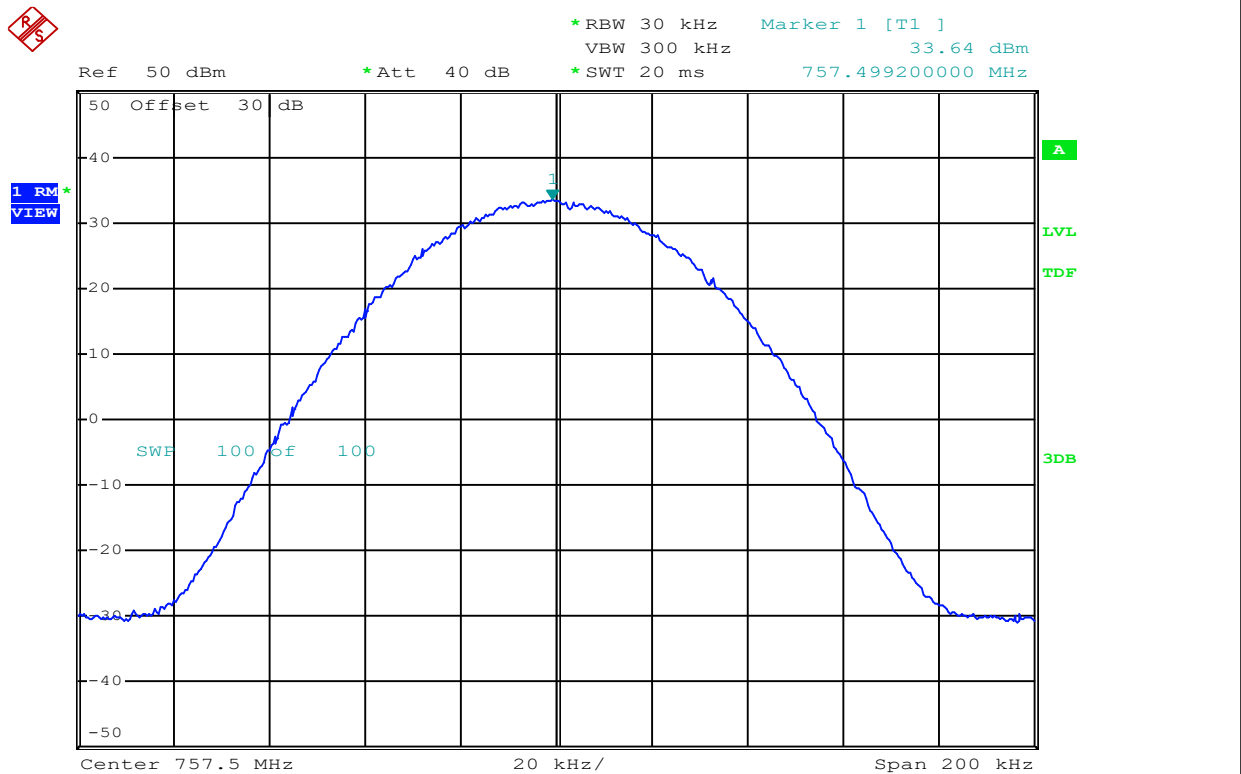
Meas. Detector:	RMS
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Modulation: QPSK

Band: 757-758 MHz

Measured Channel Power: 36.4 dBm

Conducted Power:



Date: 18.NOV.2025 15:52:25

Channel BW: 25

Channel Frequency: 757.5

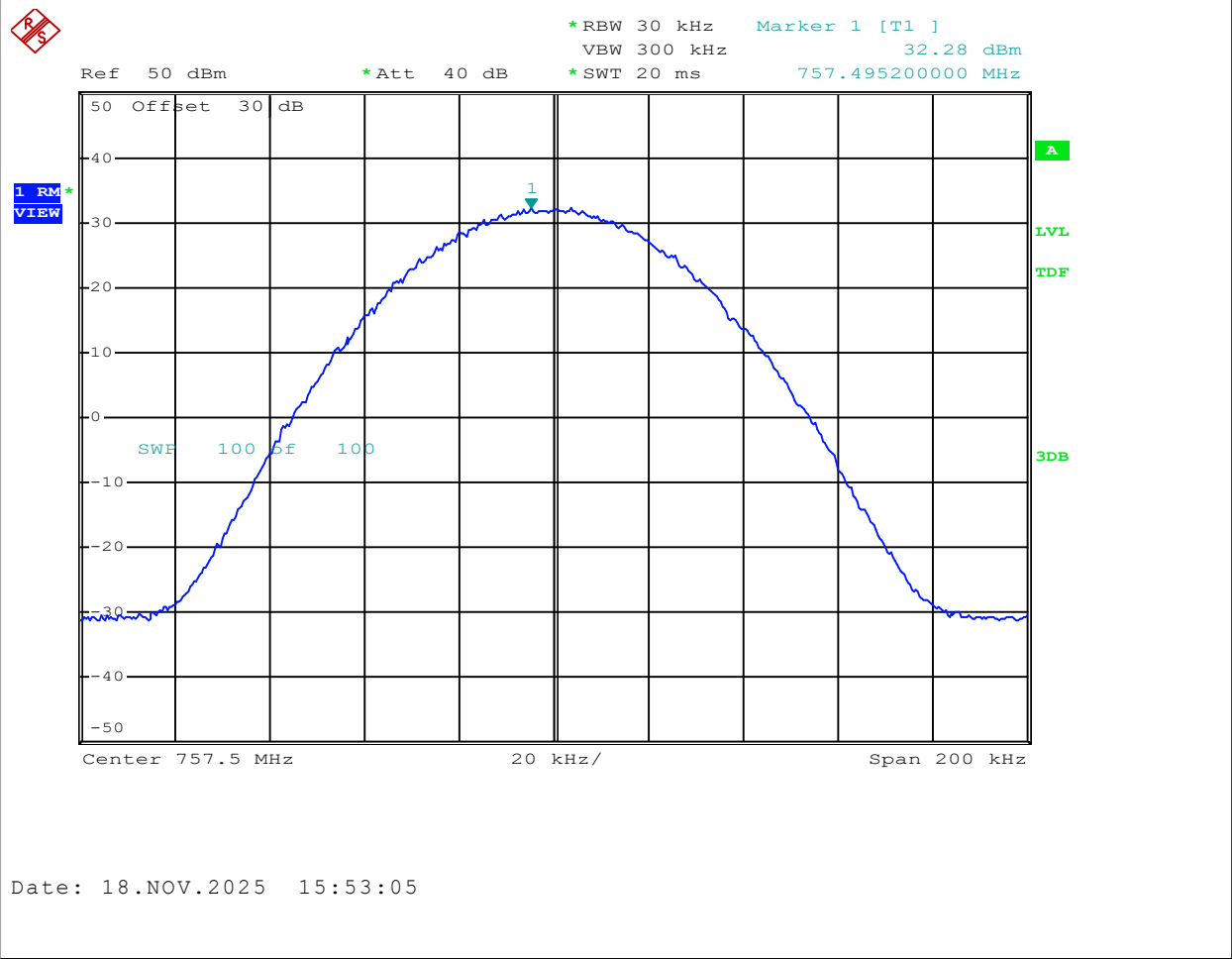
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 757-758

Measured Channel Power: 33.64

Conducted Power:



Date: 18.NOV.2025 15:53:05

Channel BW: 25 kHz

Channel Frequency: 757.5 MHz

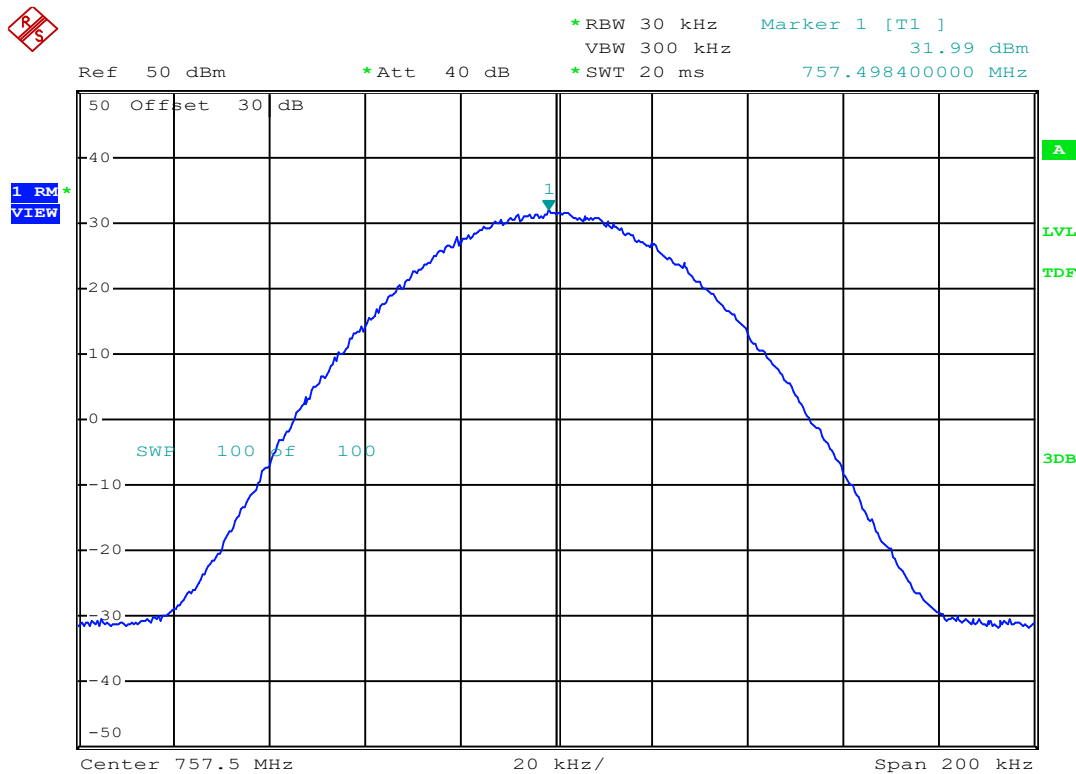
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 757-758 MHz

Measured Channel Power: 32.28 dBm

Conducted Power:



Date: 18.NOV.2025 15:53:43

Channel BW: 25 kHz

Channel Frequency: 757.5 MHz

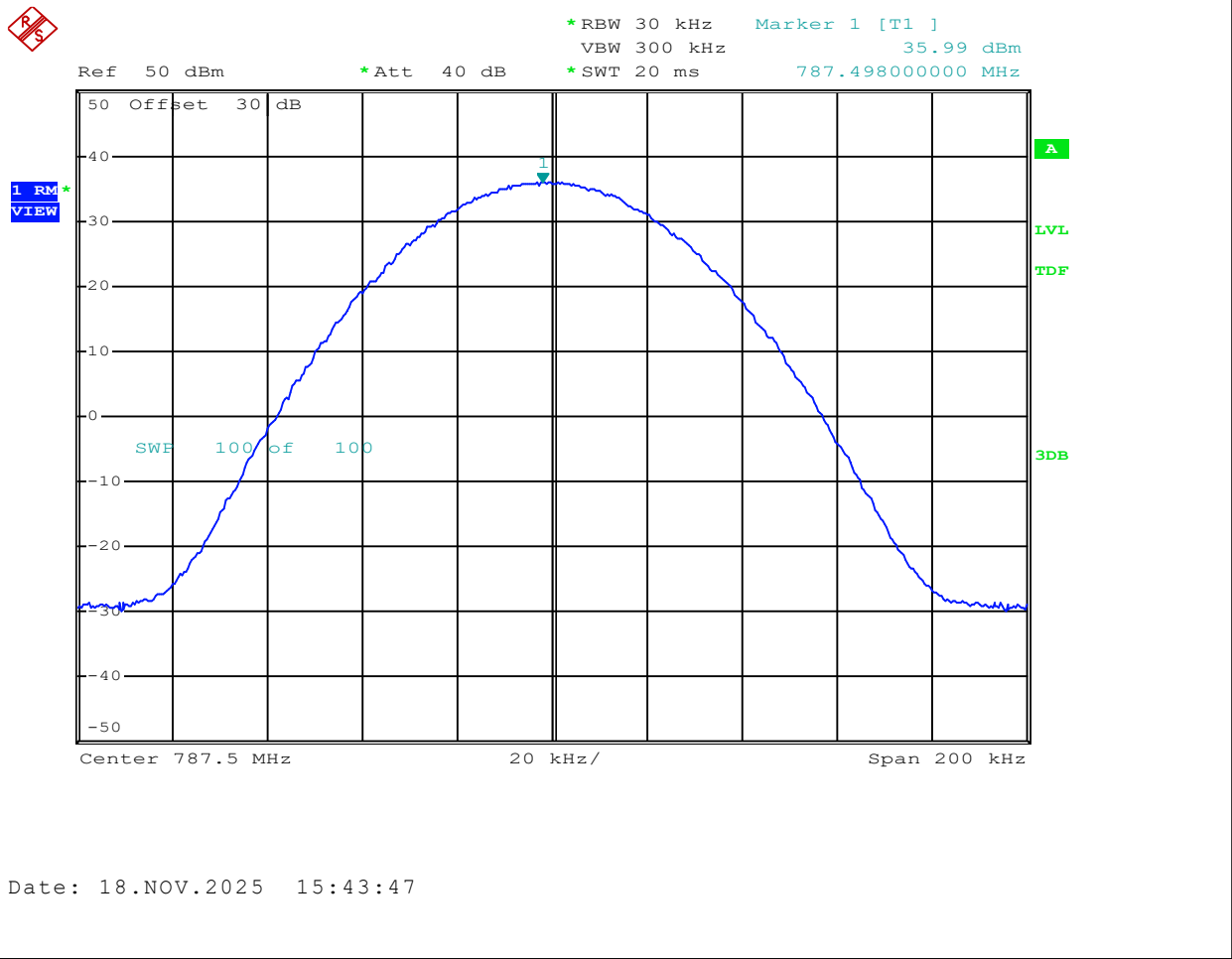
Meas. Detector: RMS

Modulation: 256QAM

Band: 757-758 MHz

Measured Channel Power: 31.99 dBm

Conducted Power:



Date: 18.NOV.2025 15:43:47

Channel BW: 25 kHz

Channel Frequency: 787.5 MHz

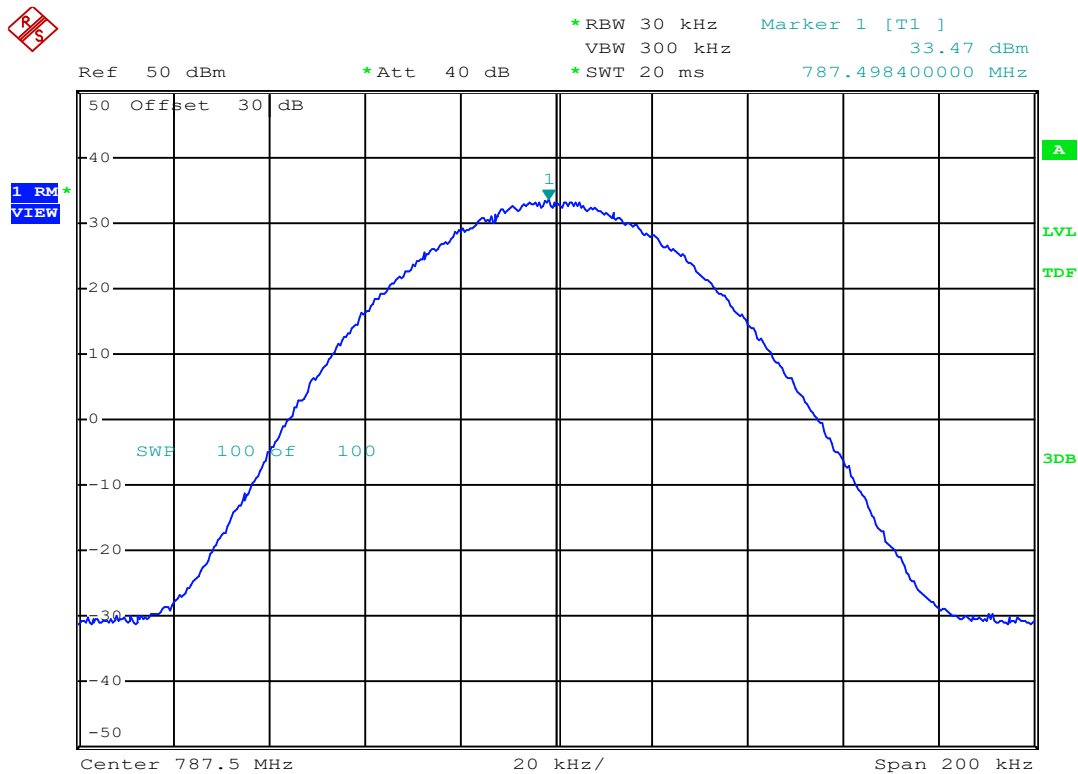
Meas. Detector:	RMS
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Modulation: QPSK

Band: 787-788 MHz

Measured Channel Power: 35.99 dBm

Conducted Power:



Date: 18.NOV.2025 15:44:55

Channel BW: 25 kHz

Channel Frequency: 787.5 MHz

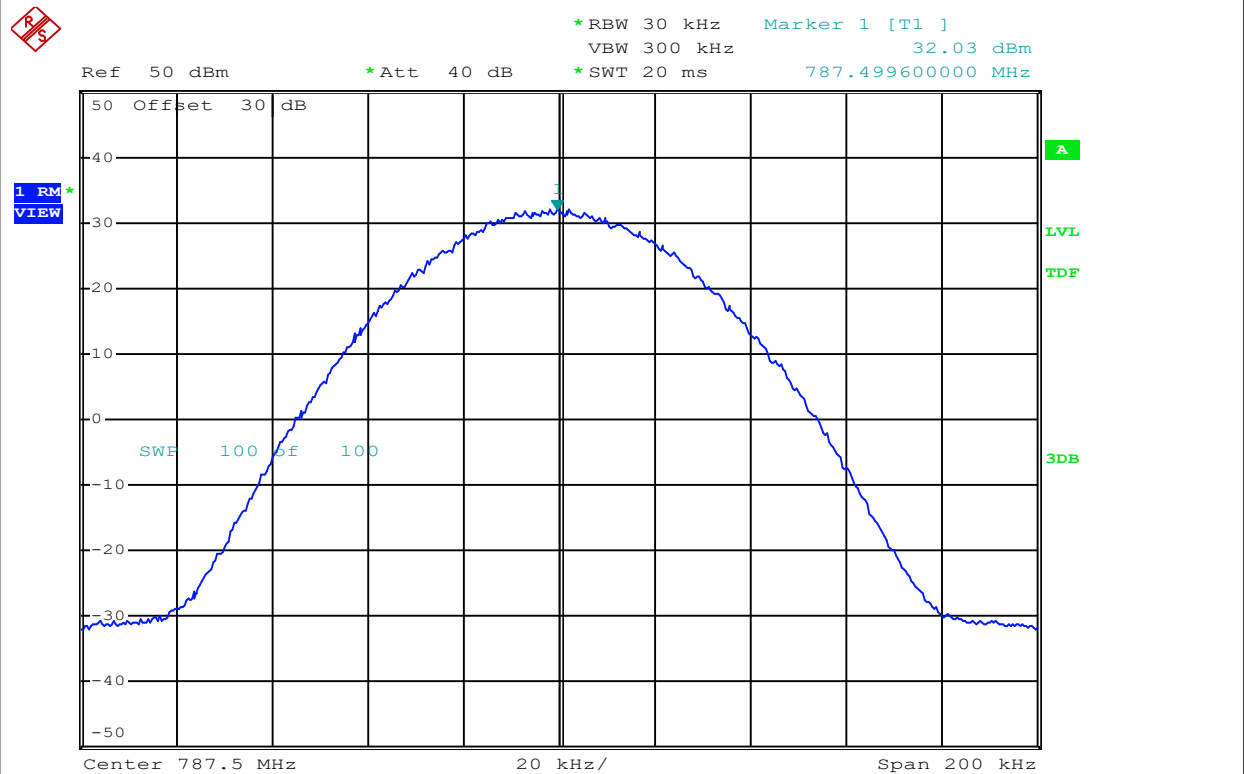
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 787-788 MHz

Measured Channel Power: 33.47 dBm

Conducted Power:



Date: 18.NOV.2025 15:48:40

Channel BW: 25 kHz

Channel Frequency: 787.5 MHz

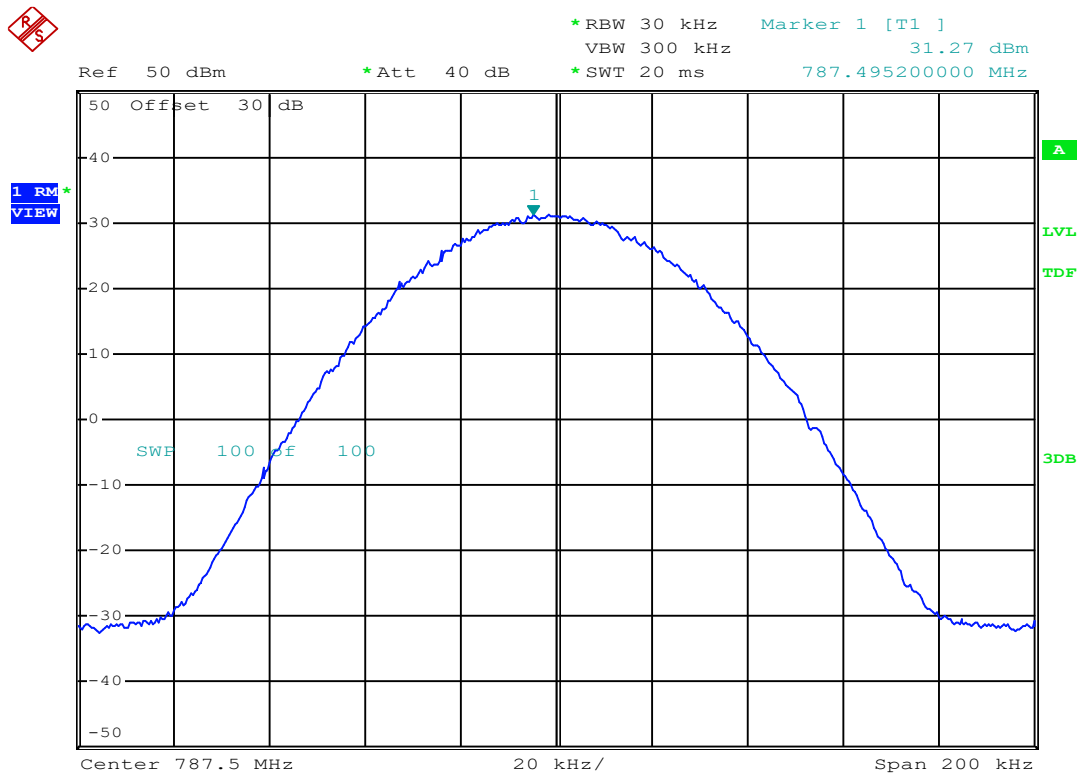
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 787-788 MHz

Measured Channel Power: 32.03 dBm

Conducted Power:



Date: 18.NOV.2025 15:49:17

Channel BW: 25 kHz

Channel Frequency: 787.5 MHz

Meas. Detector:	RMS
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Modulation: 256QAM

Band: 787-788 MHz

Measured Channel Power: 31.27 dBm

Conducted Power Measurement Results:

Frequency	Channel	Channel	Modulation	Meas.	Measured Power ⁽¹⁾	Antenna Gain	ERP Power	Limit	Margin
Band (MHz)	Frequency (MHz)	Bandwidth (kHz)		Detector	[P _{Meas}] (dBm)	[G] (dBd)	[P _{erp}] (dBm)	[P _{Lim}] (dBm)	(dB)
757-758	757.5	50.00	QPSK	RMS	36.71	15.85	52.56	60	7.4
			16QAM		34.39		50.24		9.8
			64QAM		33.43		49.28		10.7
			256QAM		32.54		48.39		11.6
787-788	787.5		QPSK		36.62		52.47		7.5
			16QAM		34.09		49.94		10.1
			64QAM		33.20		49.05		11.0
			256QAM		32.19		48.04		12.0

Result:**Complies**

(1) Path Loss, including cable, attenuator and connectors, accounted for in the instrument's Transducer Factor (TDF)

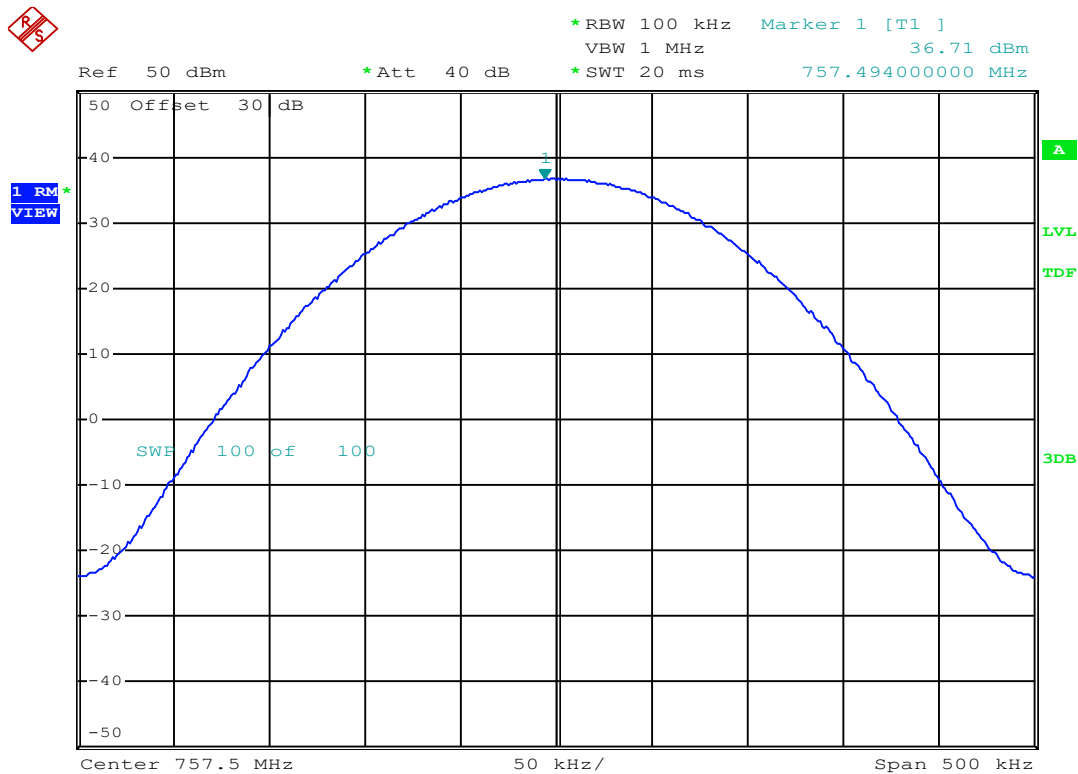
Approximate Path Loss (worst case) = 0.6dB @1GHz

ERP [P_{erp}] = [P_{meas}] + [G](dBd)Margin = [P_{lim}] - [P_{erp}]

The Gain of the ZDAP750-10-60D used for compliance to §27.50(b) and §27.53(f) is assumed for this calculation

Note: Maximum Output Power is field-programable.

Conducted Power:



Date: 18.NOV.2025 15:55:36

Channel BW: 50 kHz

Channel Frequency: 757.5 MHz

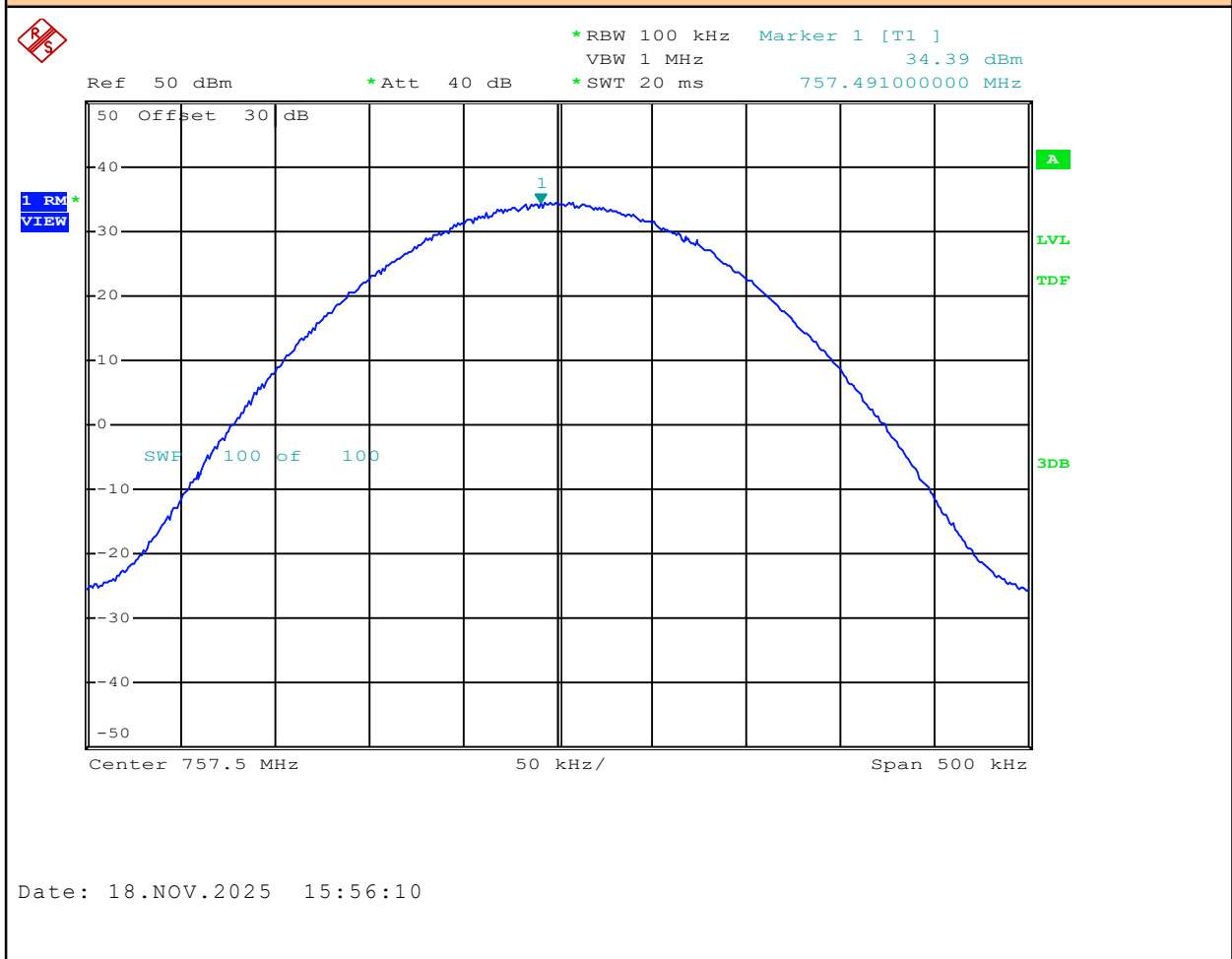
Meas. Detector:	RMS
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Modulation: QPSK

Band: 757-758 MHz

Measured Channel Power: 36.71 dBm

Conducted Power:



Channel BW: 50 kHz

Channel Frequency: 757.5 MHz

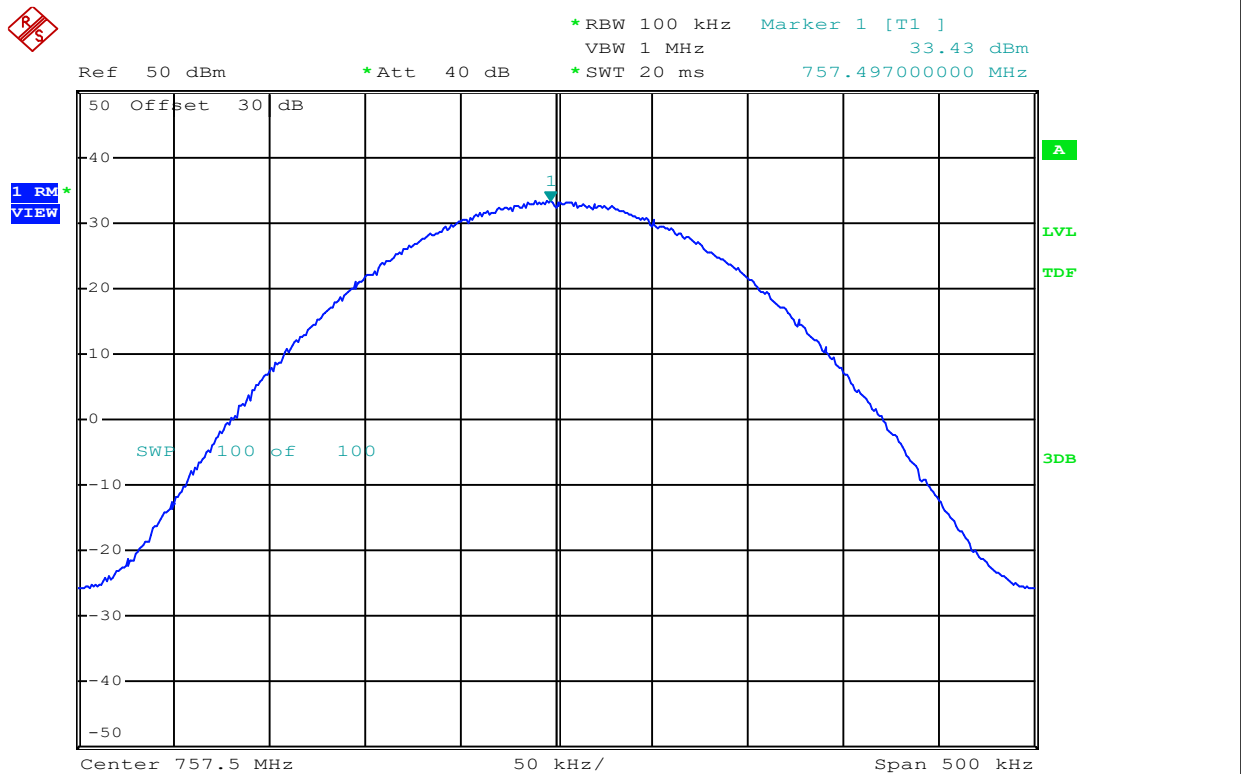
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 757-758 MHz

Measured Channel Power: 34.39 dBm

Conducted Power:



Date: 18.NOV.2025 15:56:43

Channel BW: 50

Channel Frequency: 757.5

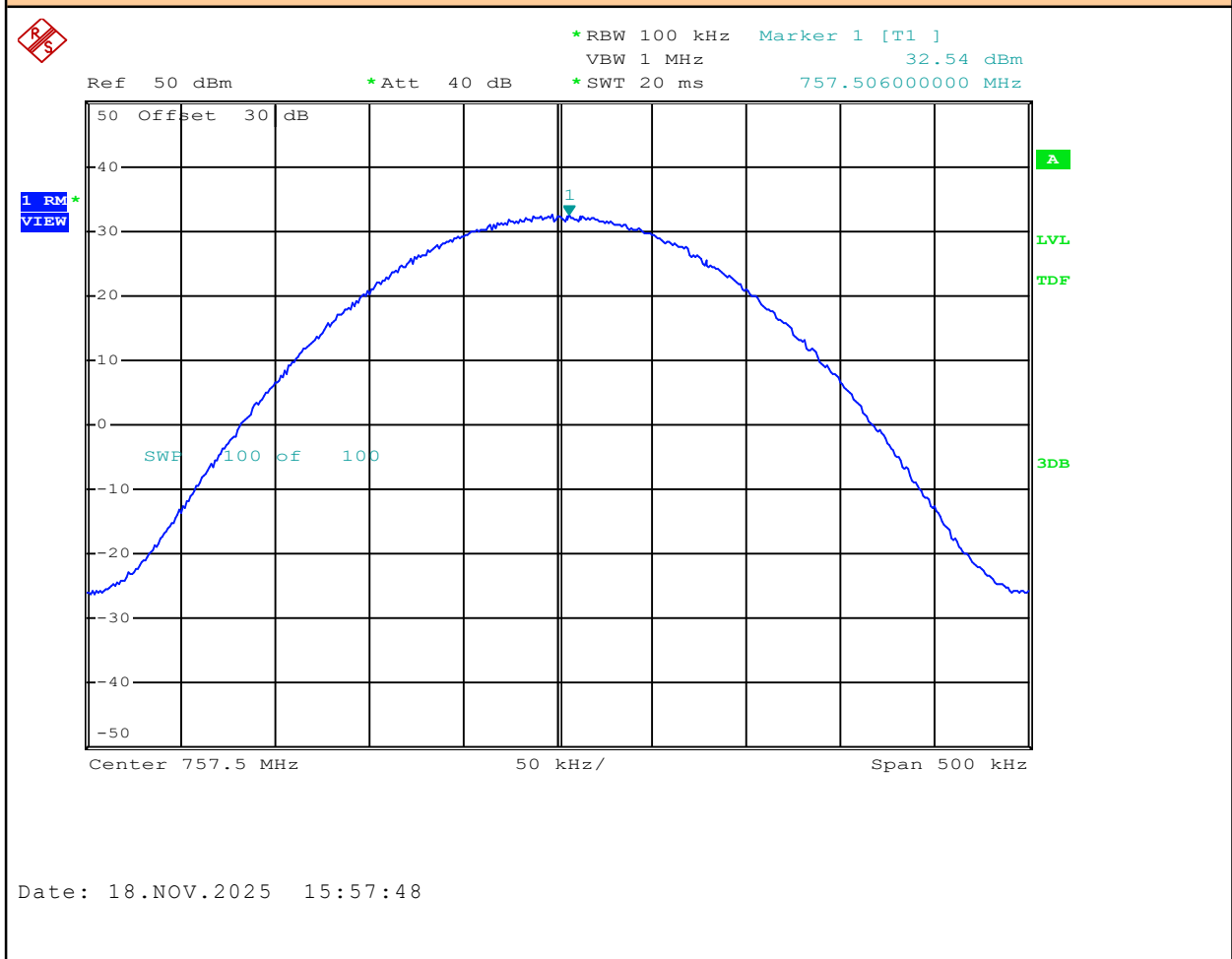
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 757-758

Measured Channel Power: 33.43

Conducted Power:



Channel BW: 50 kHz

Channel Frequency: 757.5 MHz

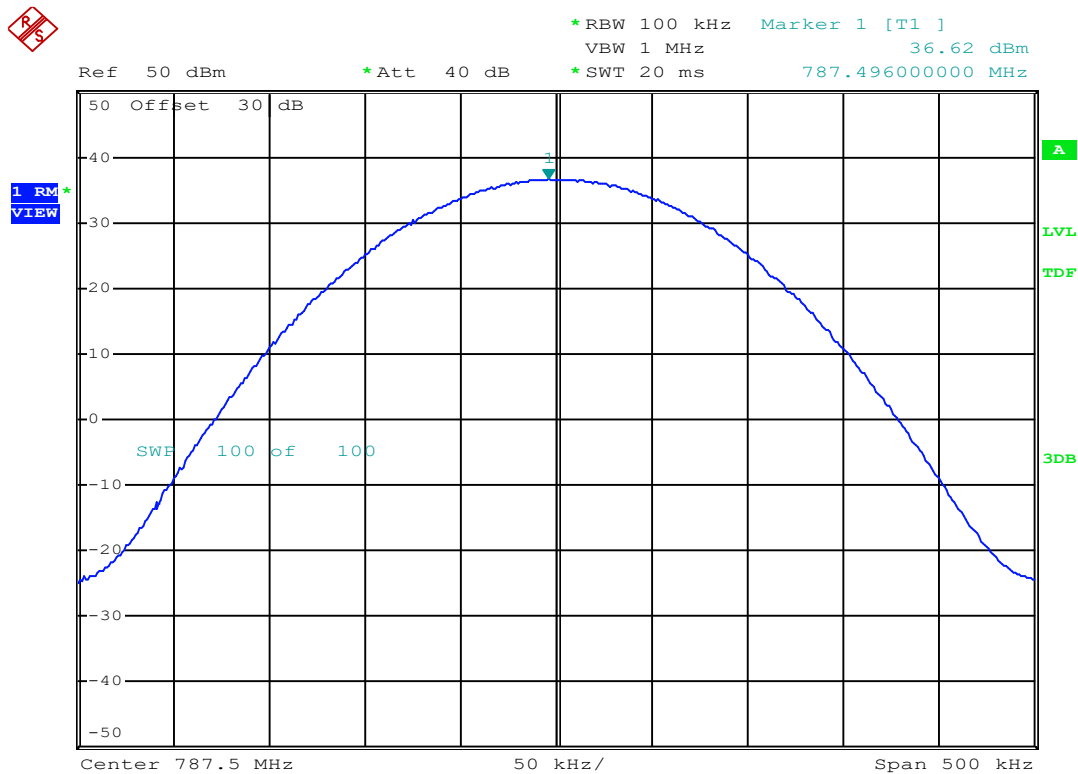
Meas. Detector:	RMS
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Modulation: 256QAM

Band: 757-758 MHz

Measured Channel Power: 32.54 dBm

Conducted Power:



Date: 18.NOV.2025 16:00:08

Channel BW: 50 kHz

Channel Frequency: 787.5 MHz

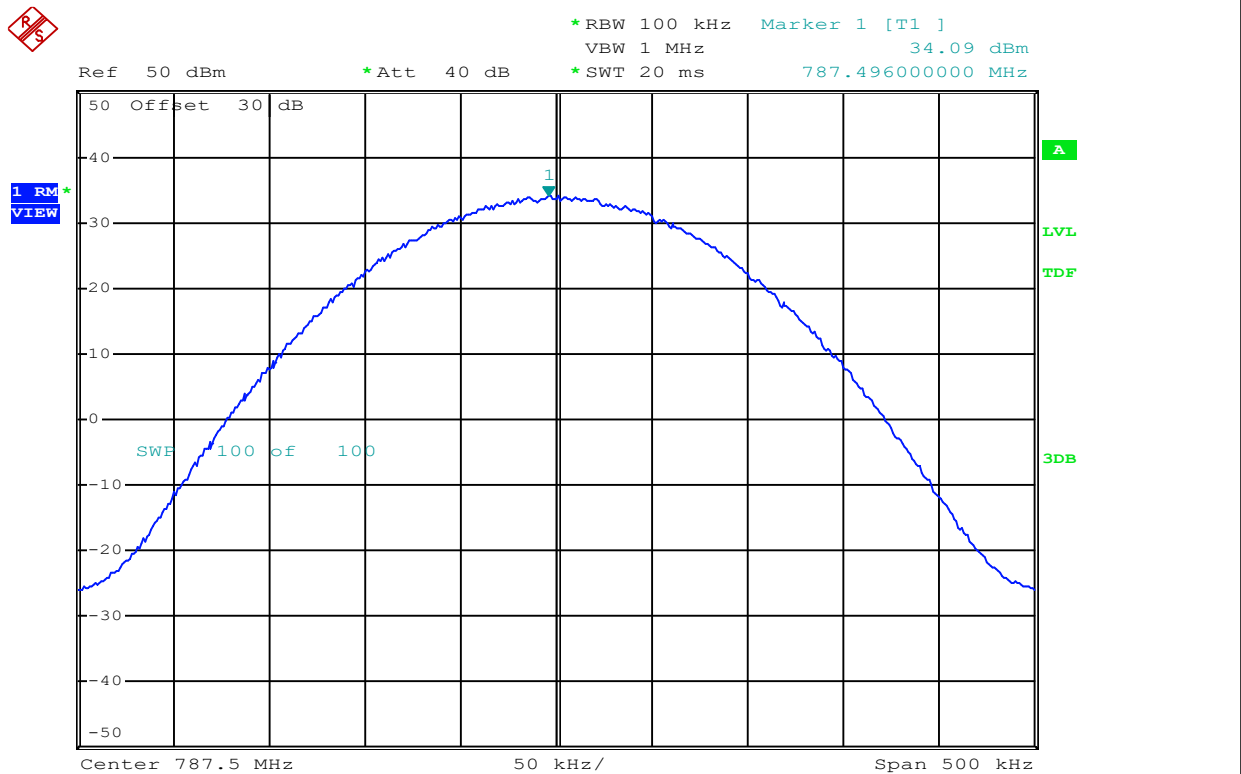
Meas. Detector:	RMS
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Modulation: QPSK

Band: 787-788 MHz

Measured Channel Power: 36.62 dBm

Conducted Power:



Date: 18.NOV.2025 16:00:42

Channel BW: 50 kHz

Channel Frequency: 787.5 MHz

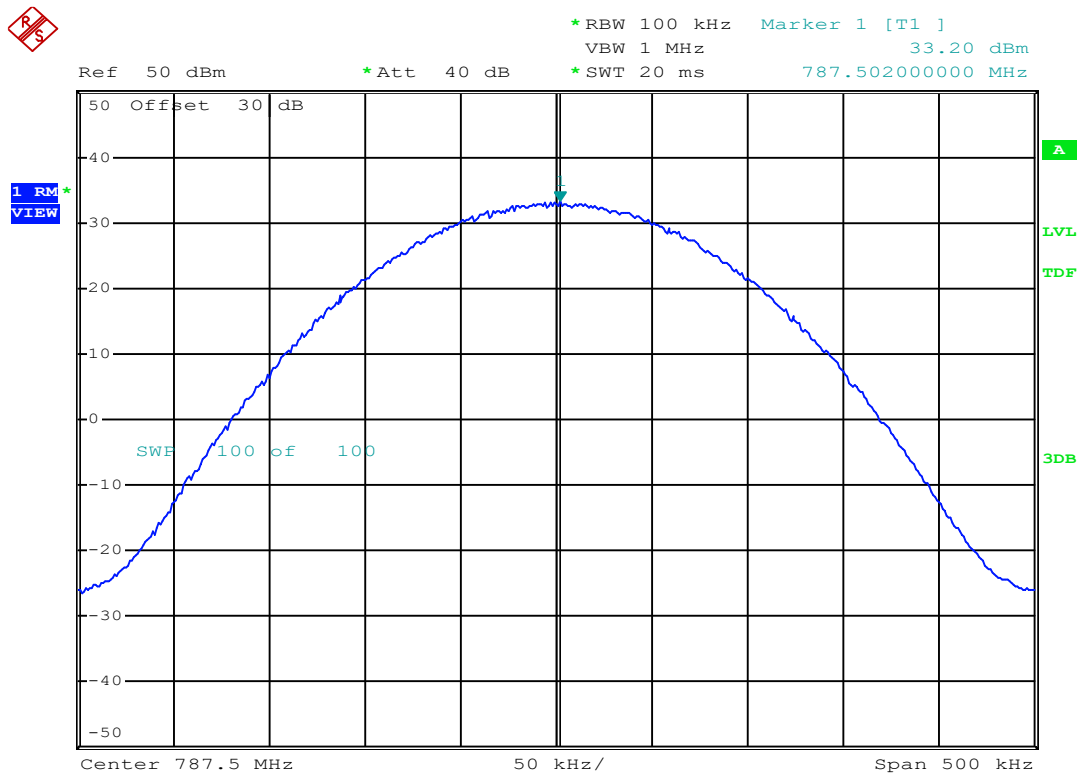
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 787-788 MHz

Measured Channel Power: 34.09 dBm

Conducted Power:



Date: 18.NOV.2025 16:01:15

Channel BW: 50 kHz

Channel Frequency: 787.5 MHz

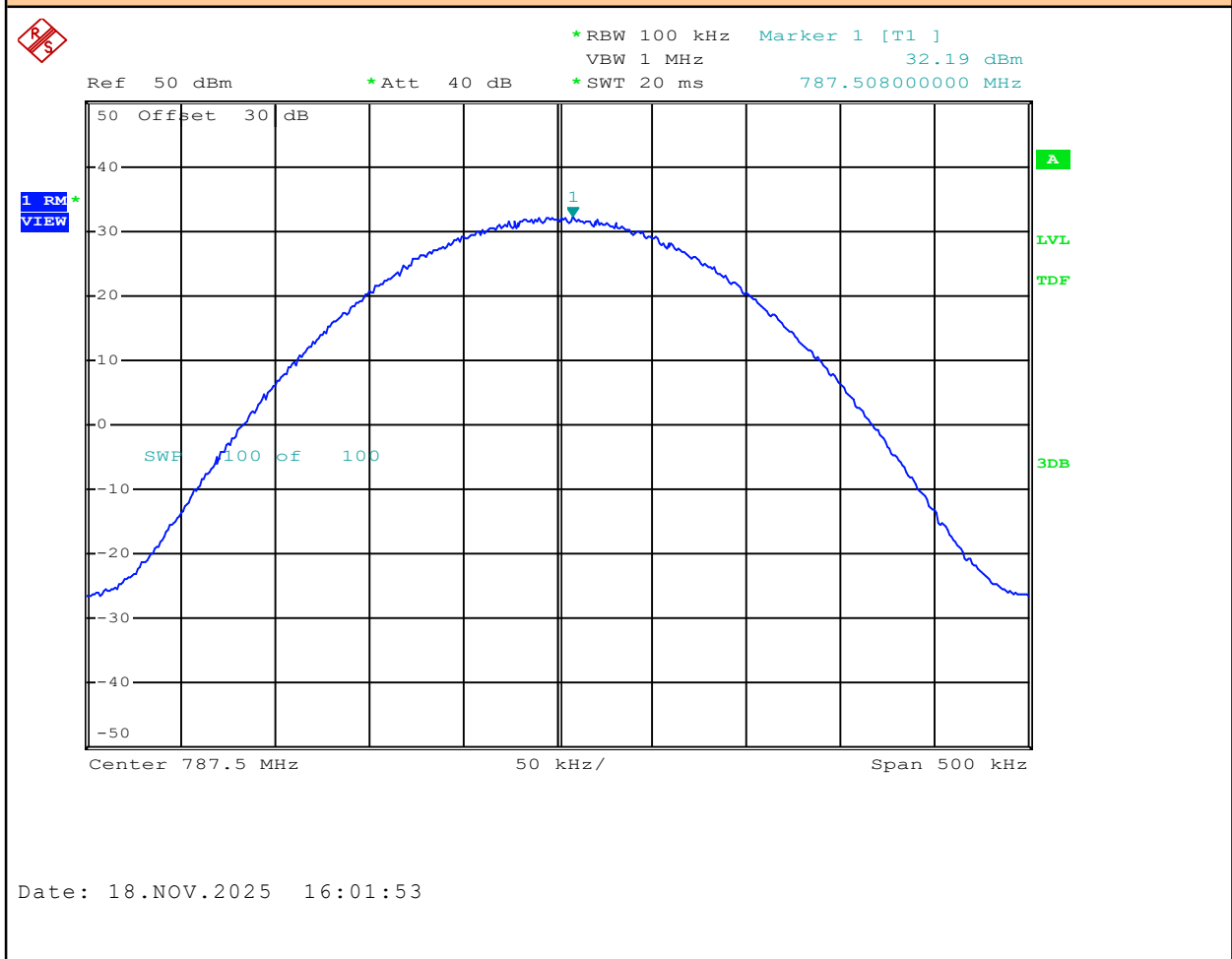
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 787-788 MHz

Measured Channel Power: 33.2 dBm

Conducted Power:



Channel BW: 50 kHz

Channel Frequency: 787.5 MHz

Meas. Detector:	RMS
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Modulation: 256QAM

Band: 787-788 MHz

Measured Channel Power: 32.19 dBm

Conducted Power Measurement Results:

Frequency	Channel	Channel	Modulation	Meas.	Measured	Antenna	ERP	Limit	Margin
Band (MHz)	Frequency (MHz)	Bandwidth (kHz)		Detector	Power ⁽¹⁾ [P _{Meas}] (dBm)	Gain [G] (dBd)	Power [P _{erp}] (dBm)	[P _{Lim}] (dBm)	(dB)
757-758	757.5	100.00	QPSK	RMS	36.09	15.85	51.94	60	8.1
			16QAM		34.12		49.97		10.0
			64QAM		33.09		48.94		11.1
			256QAM		32.29		48.14		11.9
787-788	787.5		QPSK		35.95		51.80		8.2
			16QAM		33.97		49.82		10.2
			64QAM		32.96		48.81		11.2
			256QAM		32.11		47.96		12.0

Result:**Complies**

(1) Path Loss, including cable, attenuator and connectors, accounted for in the instrument's Transducer Factor (TDF)

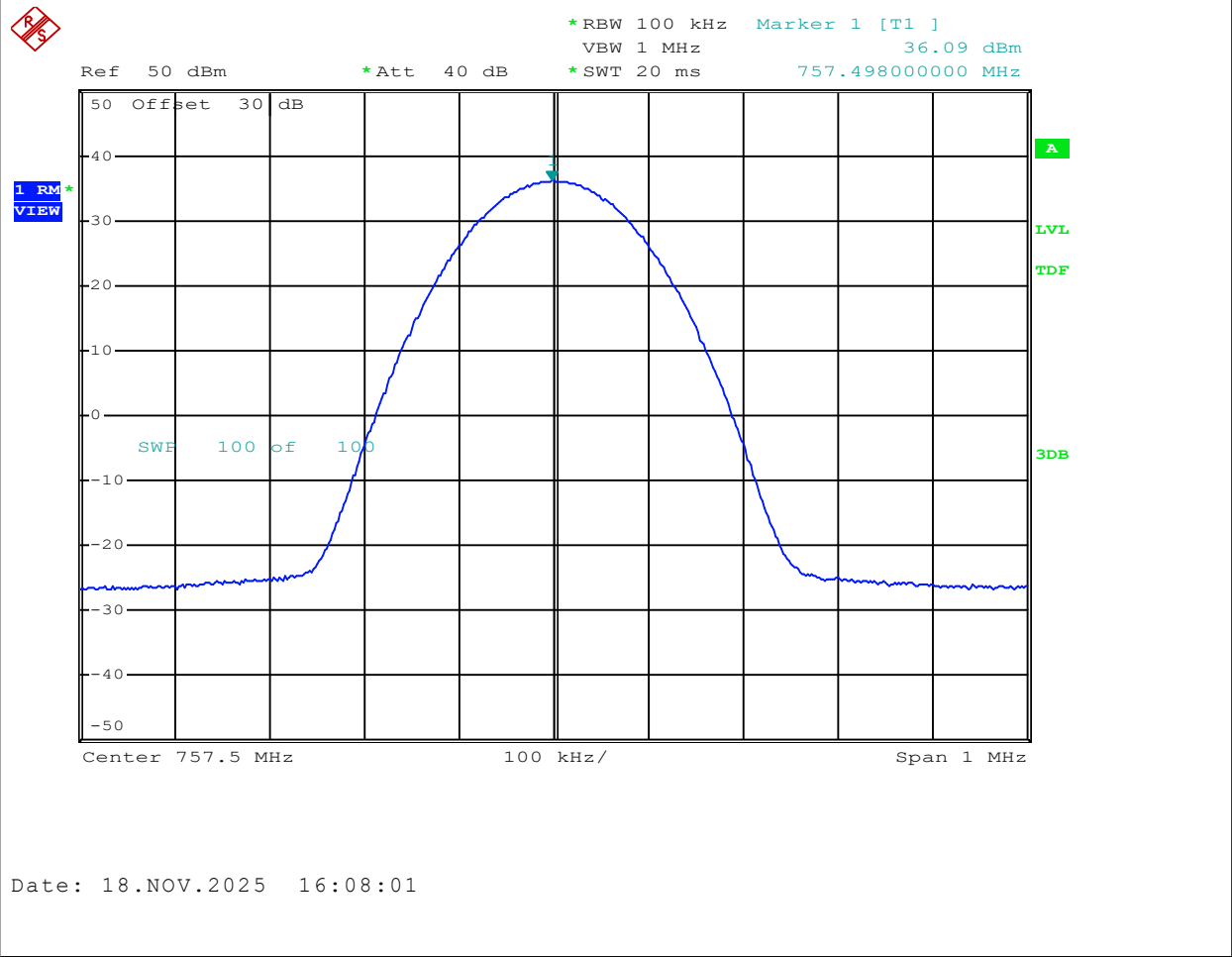
Approximate Path Loss (worst case) = 0.6dB @1GHz

ERP [P_{erp}] = [P_{meas}] + [G](dBd)Margin = [P_{lim}] - [P_{erp}]

The Gain of the ZDAP750-10-60D used for compliance to §27.50(b) and §27.53(f) is assumed for this calculation

Note: Maximum Output Power is field-programable.

Conducted Power:



Date: 18.NOV.2025 16:08:01

Channel BW: 100 kHz

Channel Frequency: 757.5 MHz

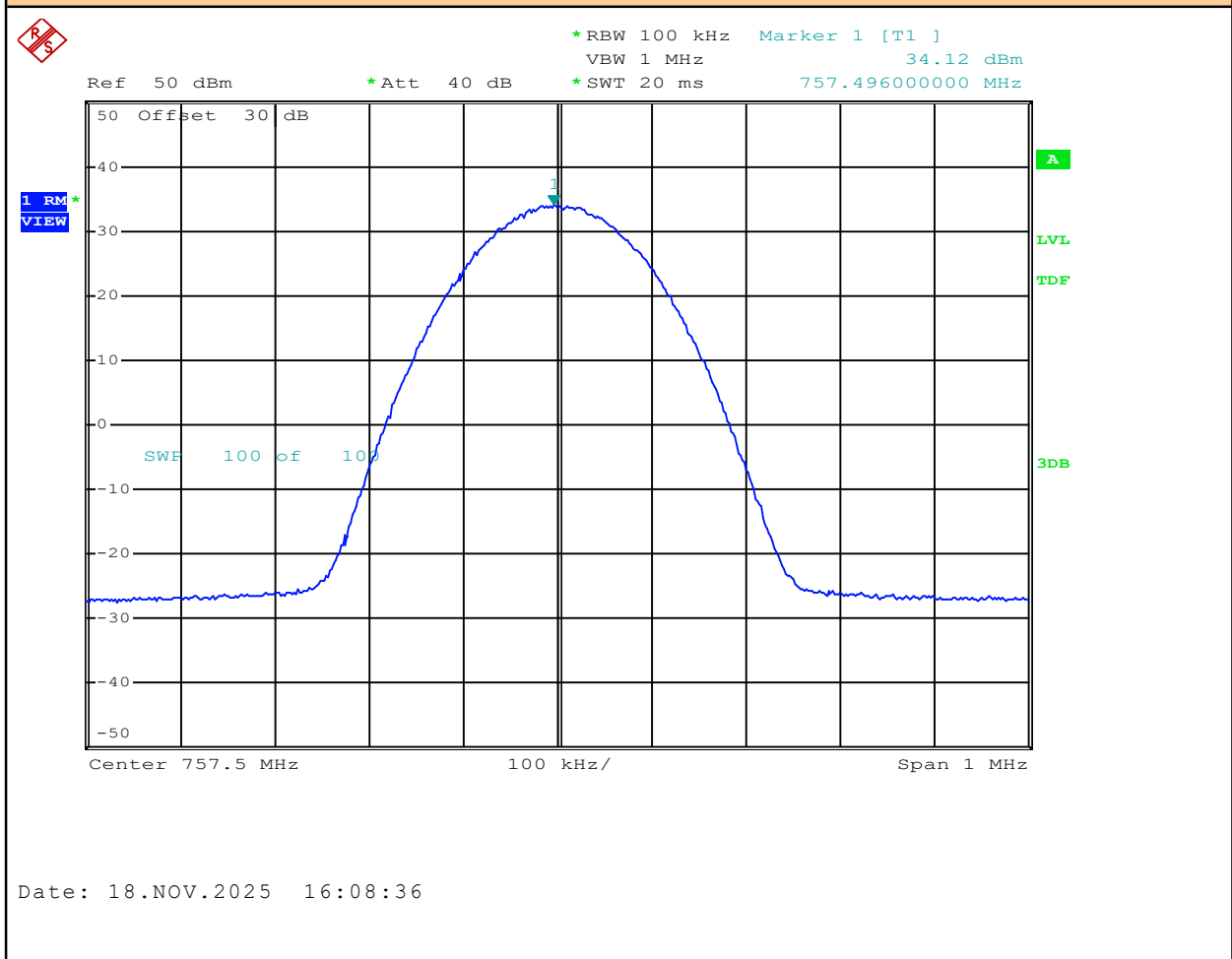
Meas. Detector:	RMS
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Modulation: QPSK

Band: 757-758 MHz

Measured Channel Power: 36.09 dBm

Conducted Power:



Channel BW: 100 kHz

Channel Frequency: 757.5 MHz

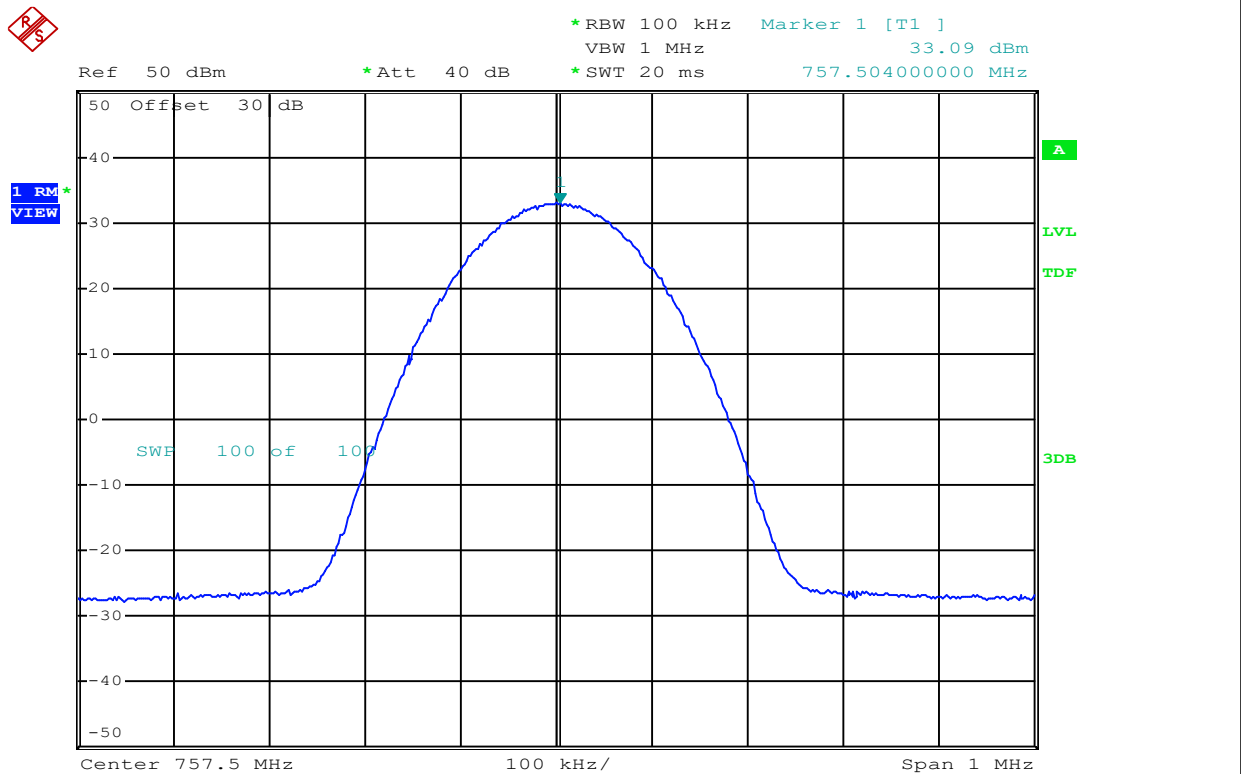
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 757-758 MHz

Measured Channel Power: 34.12 dBm

Conducted Power:



Date: 18.NOV.2025 16:09:09

Channel BW: 100 kHz

Channel Frequency: 757.5 MHz

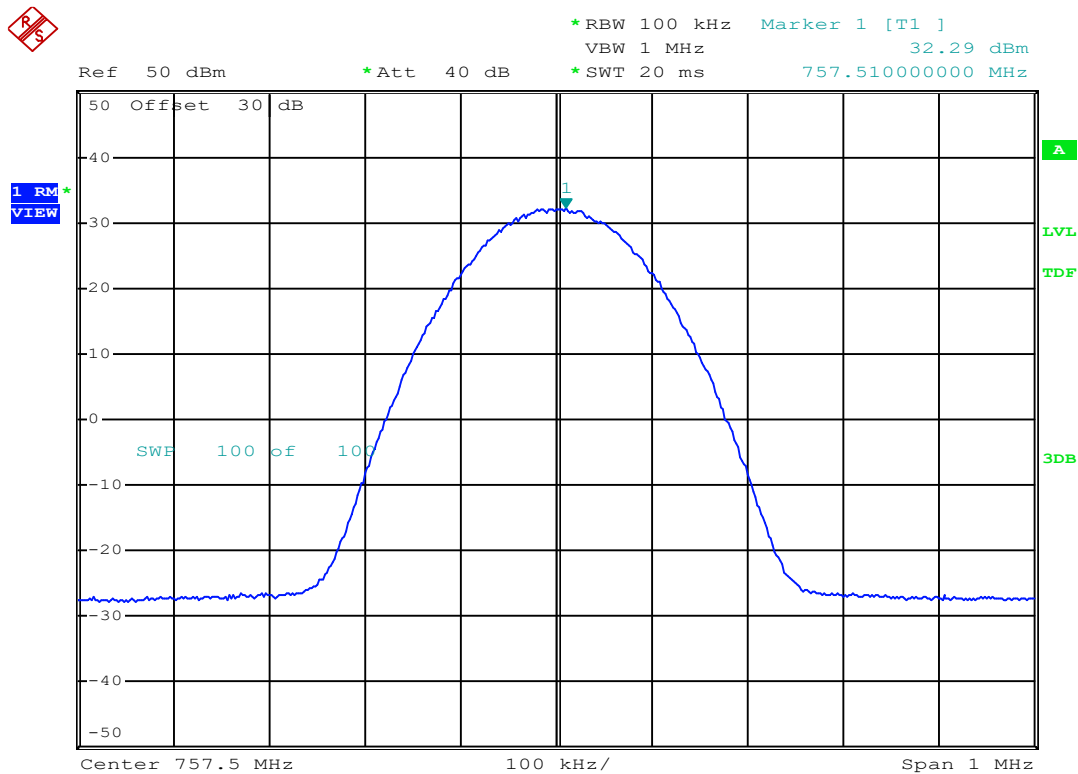
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 757-758 MHz

Measured Channel Power: 33.09 dBm

Conducted Power:



Date: 18.NOV.2025 16:09:47

Channel BW: 100 kHz

Channel Frequency: 757.5 MHz

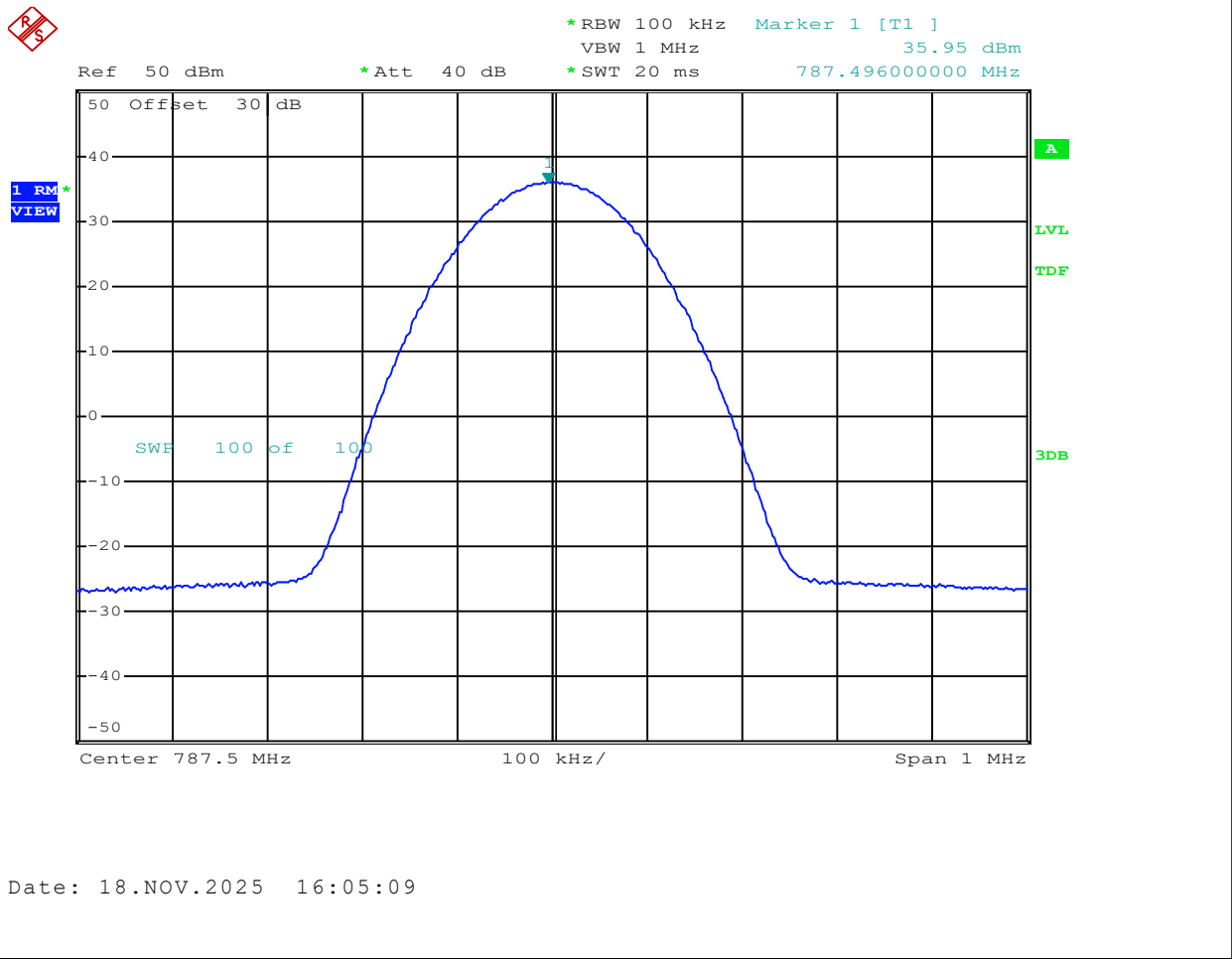
Meas. Detector:	RMS
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Modulation: 256QAM

Band: 757-758 MHz

Measured Channel Power: 32.29 dBm

Conducted Power:



Date: 18.NOV.2025 16:05:09

Channel BW: kHz

Channel Frequency: 787.5 MHz

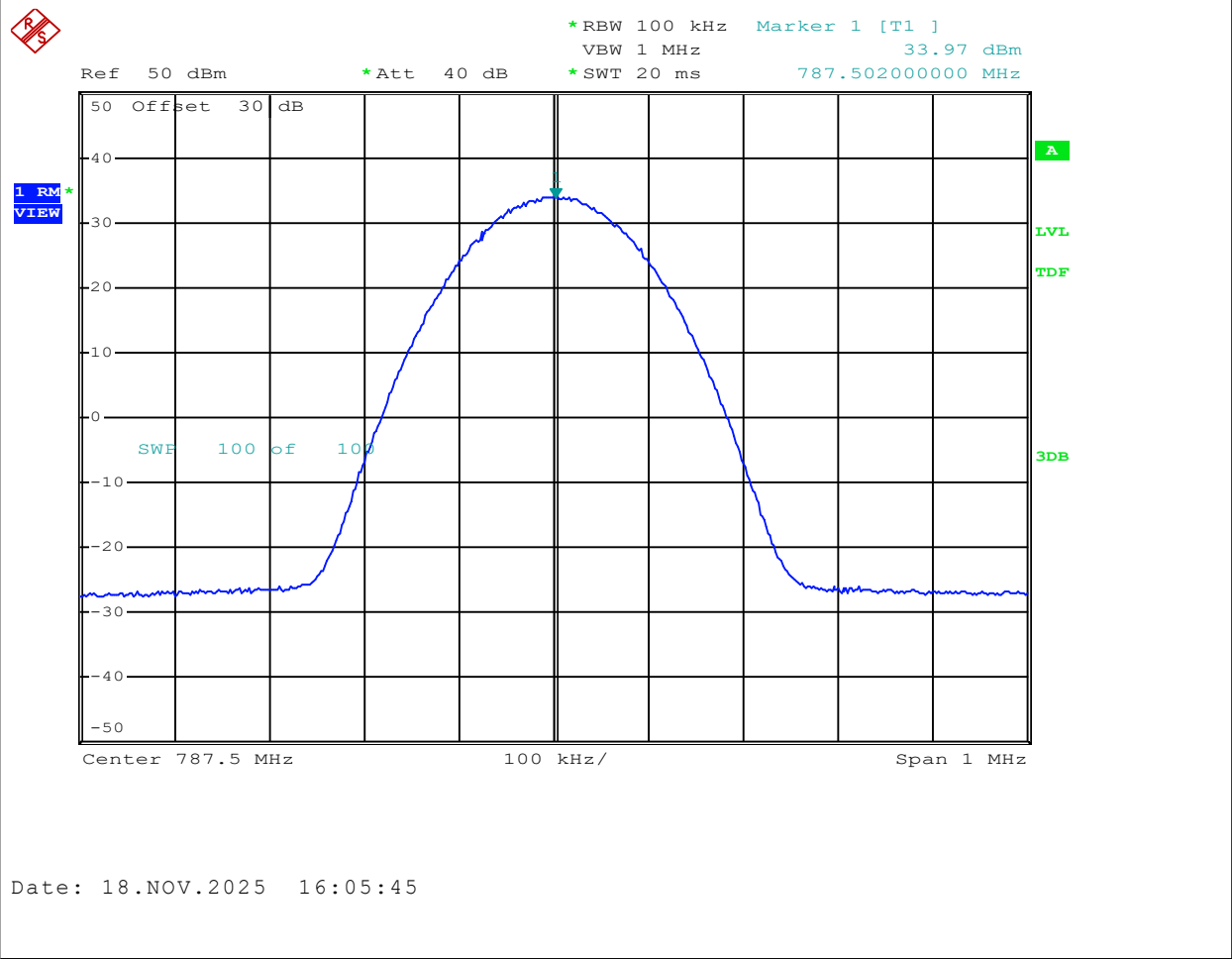
Meas. Detector:	RMS
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Modulation: QPSK

Band: 787-788 MHz

Measured Channel Power: 35.95 dBm

Conducted Power:



Date: 18.NOV.2025 16:05:45

Channel BW: 100 kHz

Channel Frequency: 787.5 MHz

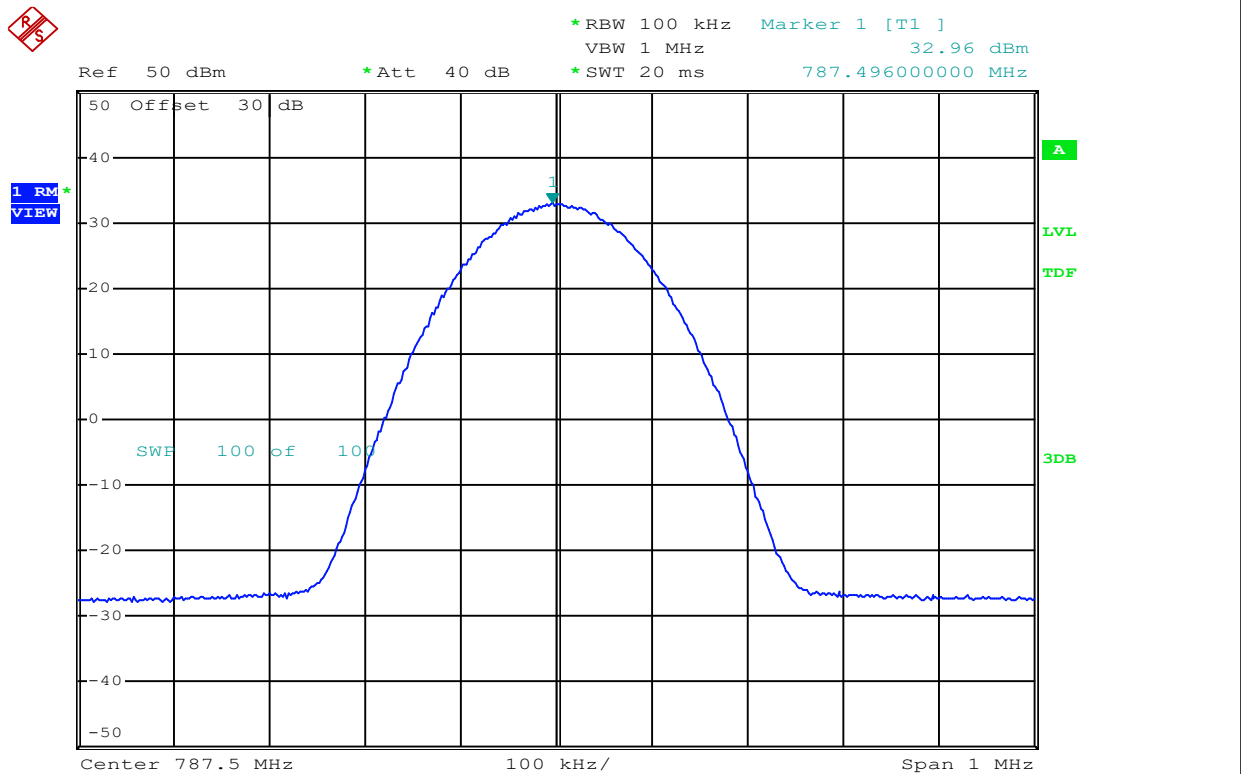
Meas. Detector:	RMS
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Modulation: 16QAM

Band: 787-788 MHz

Measured Channel Power: 33.97 dBm

Conducted Power:



Date: 18.NOV.2025 16:06:17

Channel BW: 100 kHz

Channel Frequency: 787.5 MHz

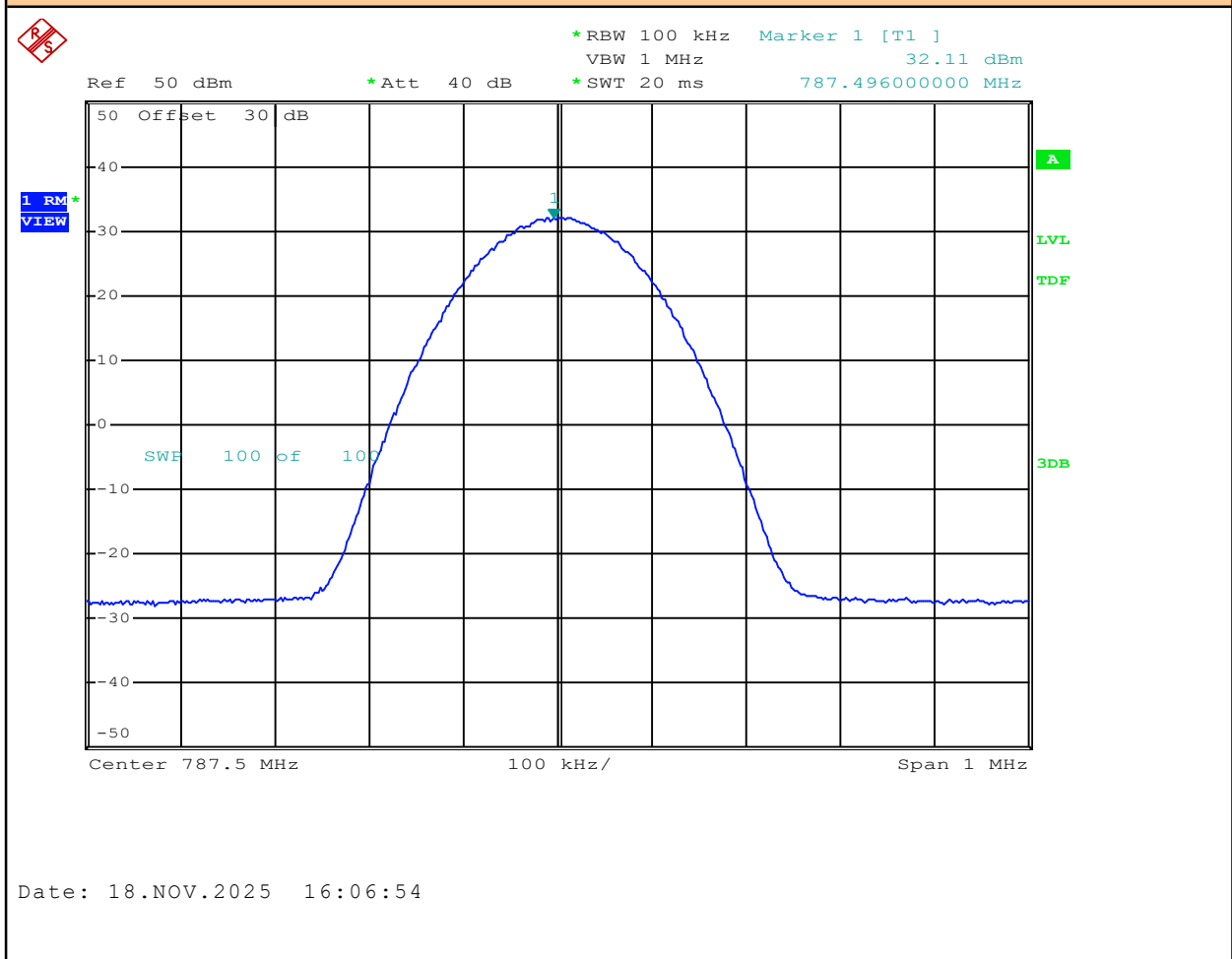
Meas. Detector:	RMS
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Modulation: 64QAM

Band: 787-788 MHz

Measured Channel Power: 32.96 dBm

Conducted Power:



Channel BW: 100 kHz

Channel Frequency: 787.5 MHz

Meas. Detector:	RMS
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Modulation: 256QAM

Band: 787-788 MHz

Measured Channel Power: 32.11 dBm