Conducted Power Measurement Results: FCC

Frequency Band (MHz)	Channel Frequency (MHz)	Channel Bandwidth (kHz)	Modulation	Meas. Detector (2)	Measured Power (1) [P_{Meas}] (dBm)	Antenna Gain [G] (dBd)	ERP Power [P_{erp}] (dBm)	Limit [P_{Lim}] (dBm)	Margin (dB)	Rated Power [P_{rated}] (dBm)	Delta(3) Rated Power (dB)
406.1-420	413.0	12.50	QPSK	RMS	37.00	0.85	37.85	54	16.2	37	0.00
421-430	425.5				36.99		37.84		16.2		-0.01
450-470	460.0				37.02		37.87		16.1		0.02
										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)

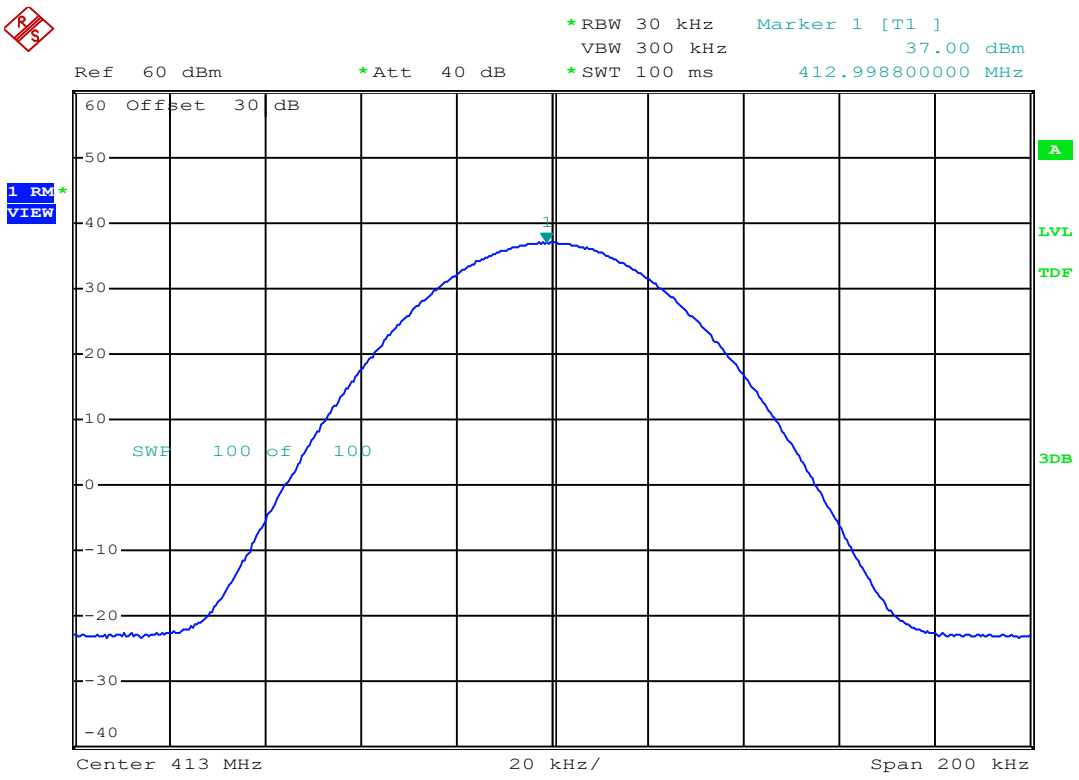
Margin = [P_{lim}] - [P_{erp}]

(2) Per RSS-119 4.2.2, PEAK mode is required for compliance to Mask D.

(3) Delta Rated Power = [P_{meas}] - [P_{rated}]. Note: There is no rated power for PEAK measurements.

Note: Maximum Output Power is field-programable.

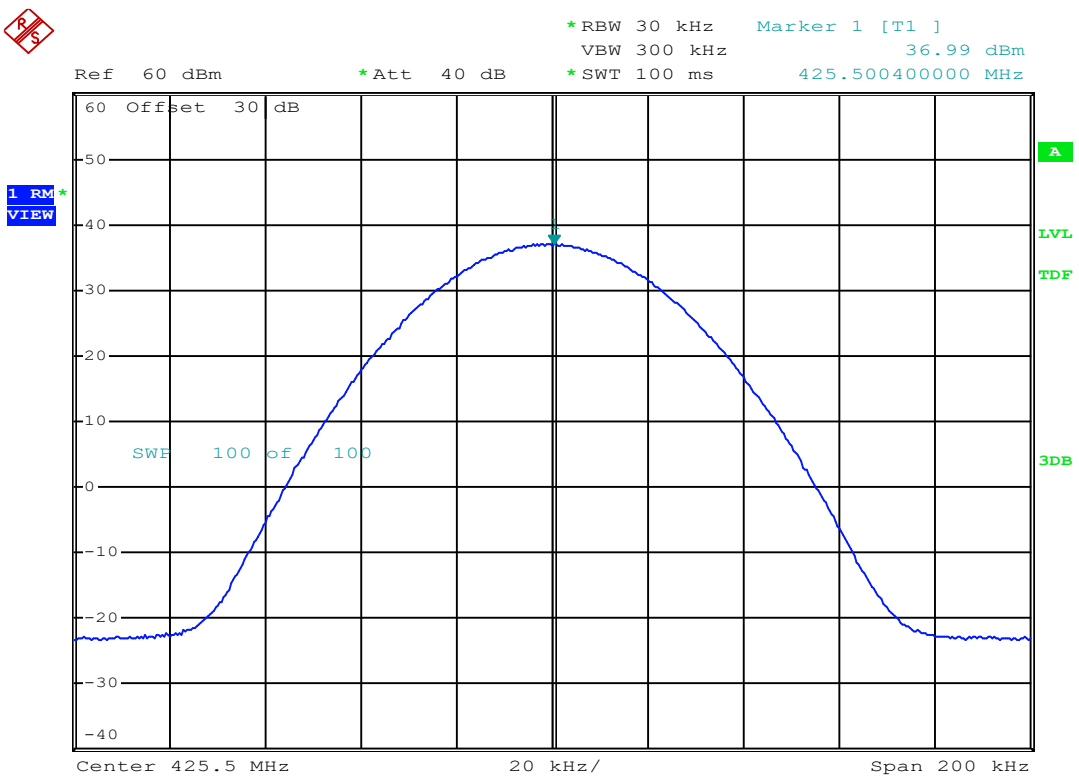
Conducted Power:



Date: 24.JUN.2025 12:20:21

Channel BW:	12.5 kHz	**Channel Frequency:**	413 MHz
Meas. Detector:	RMS	**Modulation:**	QPSK
Band:	406.1-420 MHz	**Measured Channel Power:**	37 dBm

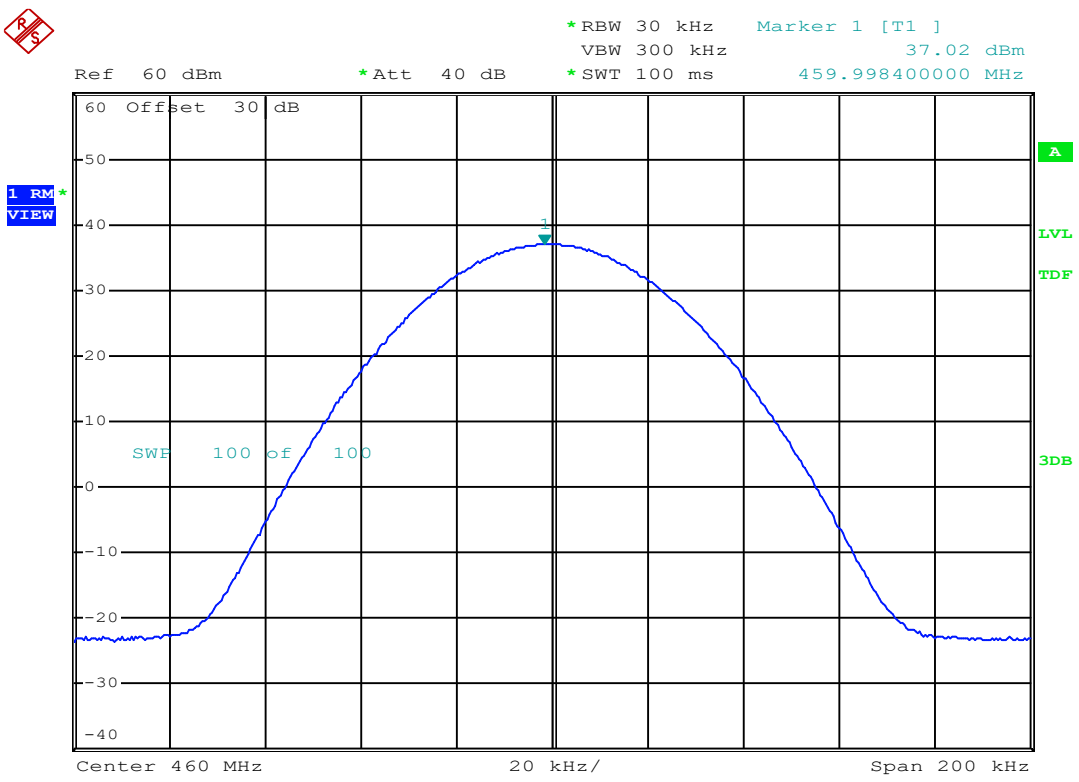
Conducted Power:



Date: 24.JUN.2025 12:21:41

Channel BW:	12.5 kHz	**Channel Frequency:**	425.5 MHz
Meas. Detector:	RMS	**Modulation:**	QPSK
Band:	421-430 MHz	**Measured Channel Power:**	36.99 dBm

Conducted Power:



Date: 24.JUN.2025 12:23:00

Channel BW:	12.5 kHz	**Channel Frequency:**	460 MHz
Meas. Detector:	RMS	**Modulation:**	QPSK
Band:	450-470 MHz	**Measured Channel Power:**	37.02 dBm

Conducted Power Measurement Results: FCC

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)	Rated Power [P_{rated}] (dBm)	Delta(2) Rated Power (dB)
406.1-420	413.0	25.00	QPSK	RMS	37.05	0.85	37.90	54	16.1	37	0.05
421-430	425.5				37.12		37.97		16.0		0.12
450-470	460.0				37.16		38.01		16.0		0.16
										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

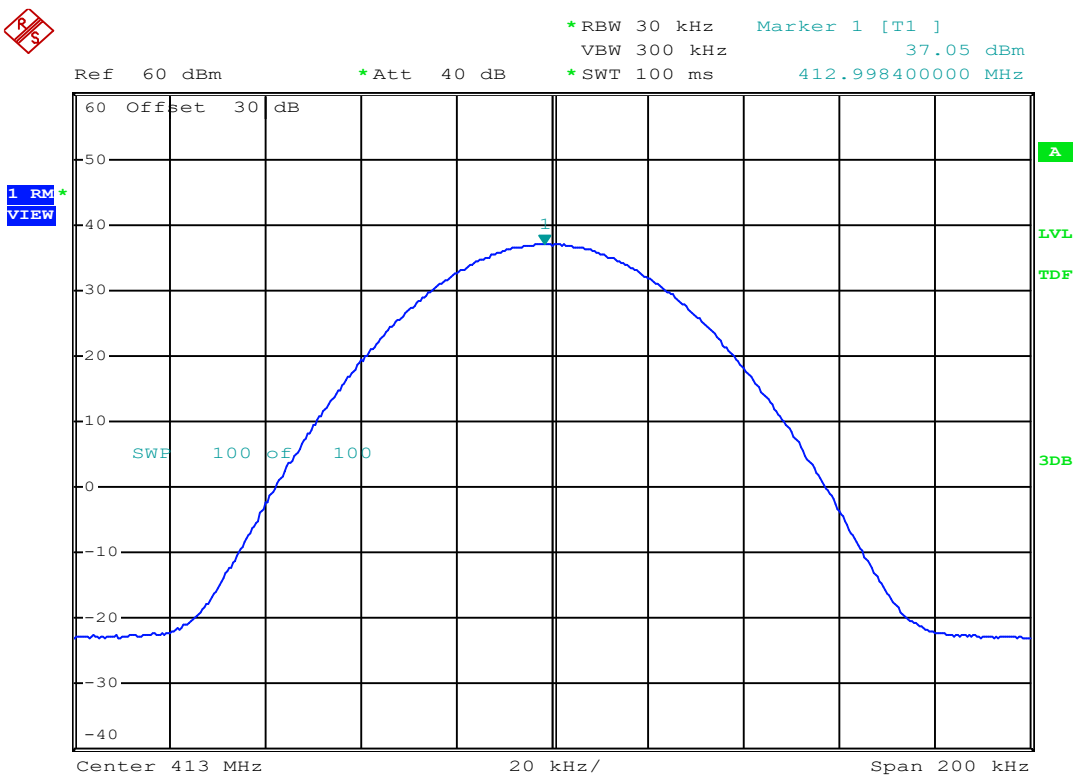
ERP [P_{erp}] = [P_{meas}] + [G](dBd)

Margin = [P_{lim}] - [P_{erp}]

(2) Delta Rated Power = [P_{meas}] - [P_{rated}].

Note: Maximum Output Power is field-programable.

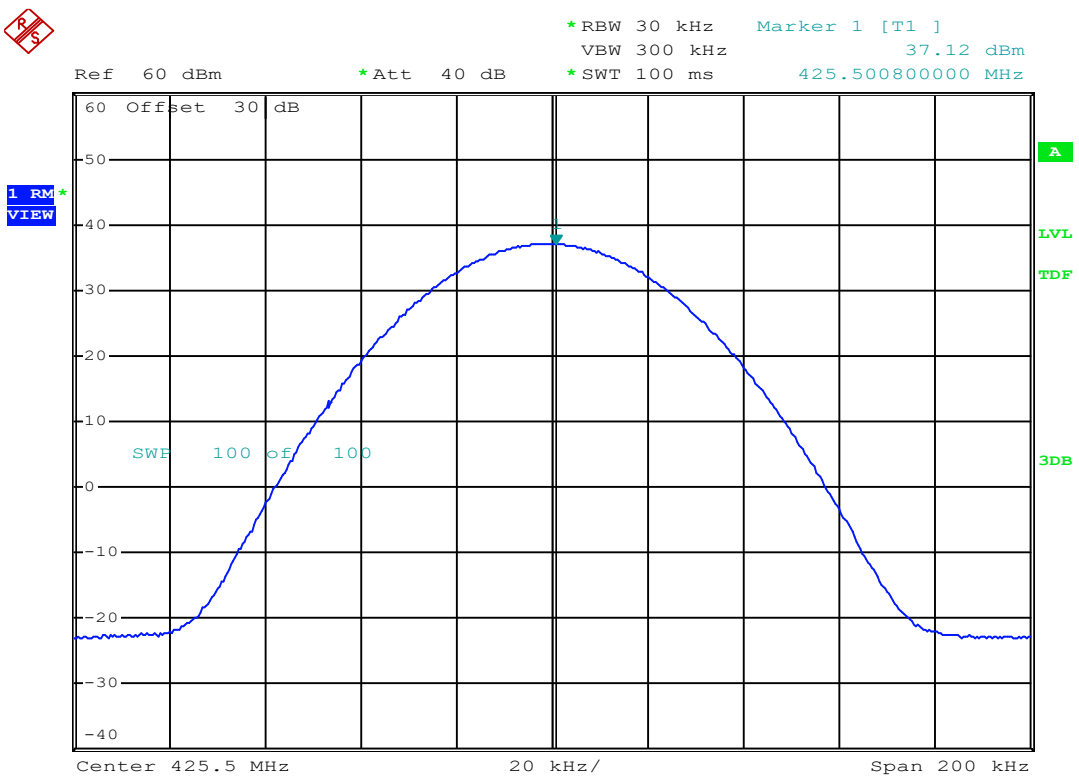
Conducted Power:



Date: 24.JUN.2025 11:54:42

Channel BW:	**25**	**kHz**	**Channel Frequency:**	**413**	**MHz**
Meas. Detector:	**RMS**		**Modulation:**	**QPSK**	
Band:	**406.1-420**	**MHz**	**Measured Channel Power:**	**37.05**	**dBm**

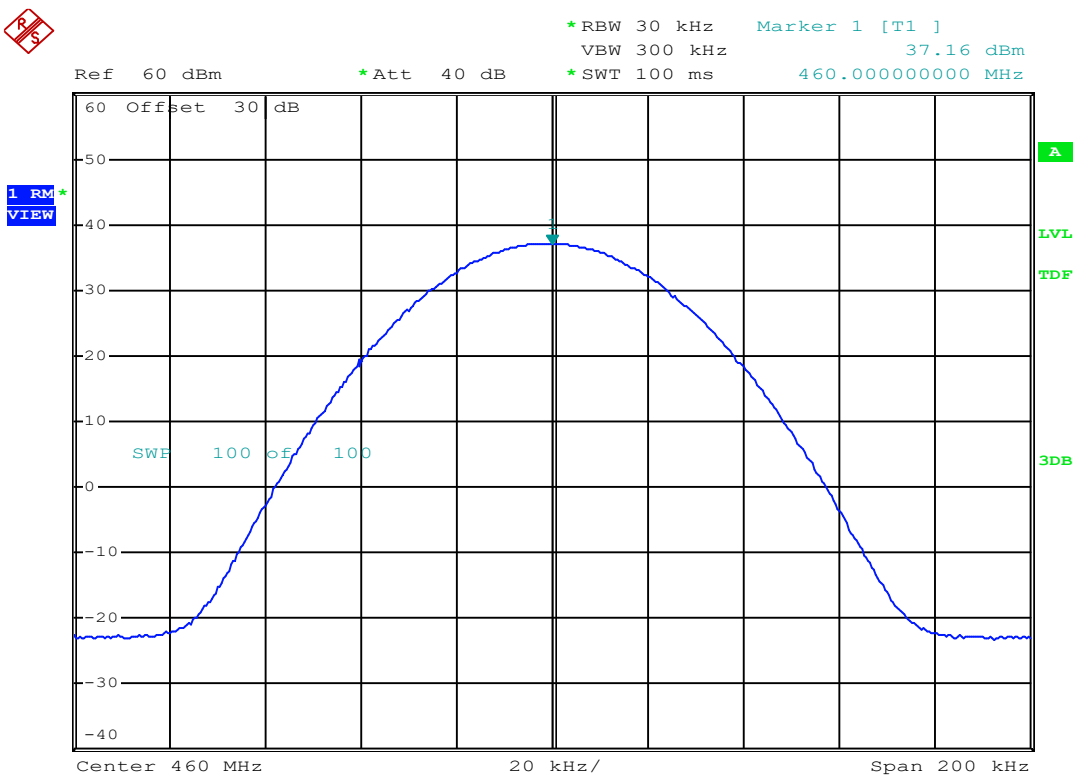
Conducted Power:



Date: 24.JUN.2025 11:57:29

Channel BW:	25 kHz	**Channel Frequency:**	425.5 MHz
Meas. Detector:	RMS	**Modulation:**	QPSK
Band:	421-430 MHz	**Measured Channel Power:**	37.12 dBm

Conducted Power:



Date: 24.JUN.2025 12:05:55

Channel BW:	25 kHz	**Channel Frequency:**	460 MHz
Meas. Detector:	RMS	**Modulation:**	QPSK
Band:	450-470 MHz	**Measured Channel Power:**	37.16 dBm