



Test Report Serial Number:	<b>45461626 R1.0</b>
Test Report Date:	<b>4 December 2020</b>
Project Number:	<b>1510</b>

## **Appendix F - Conducted Power Measurement Plots (DSS)**

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**Conducted Power Measurement Results - DSS**

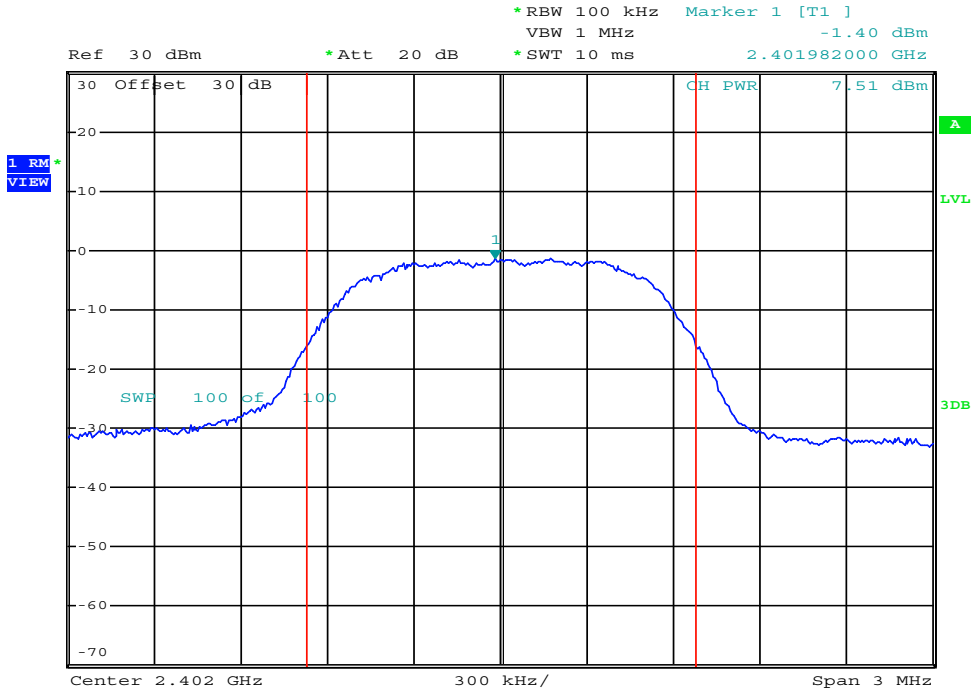
Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured Power [P <sub>Meas</sub> ] (dBm)	Conducted Limit [P <sub>Lim</sub> ] (dBm)	Conducted Margin (dB)	Antenna Gain* (dBi)	EIRP [E <sub>Meas</sub> ] (dBm)	EIRP Limit [E <sub>Lim</sub> ] (dBm)	EIRP Margin (dB)	Result
2402.00	P1/4-DQPSK	2.0	7.51	30	22.490	0.6	8.11	36	27.890	Complies
2442.00	P1/4-DQPSK	2.0	7.23	30	22.770	0.6	7.83	36	28.170	Complies
2480.00	P1/4-DQPSK	2.0	6.51	30	23.490	0.6	7.11	36	28.890	Complies
2402.00	8-DPSK	3.0	7.52	30	22.480	0.6	8.12	36	27.880	Complies
2442.00	8-DPSK	3.0	7.24	30	22.760	0.6	7.84	36	28.160	Complies
2480.00	8-DPSK	3.0	6.49	30	23.510	0.6	7.09	36	28.910	Complies

$$\text{Conducted Margin} = P_{\text{Limit}} - P_{\text{Meas}}$$

$$\text{EIRP Margin} = E_{\text{Limit}} - E_{\text{Meas}}$$

\* Antenna Gain information provided by applicant.

# Conducted Power



Date: 2.DEC.2020 15:45:19

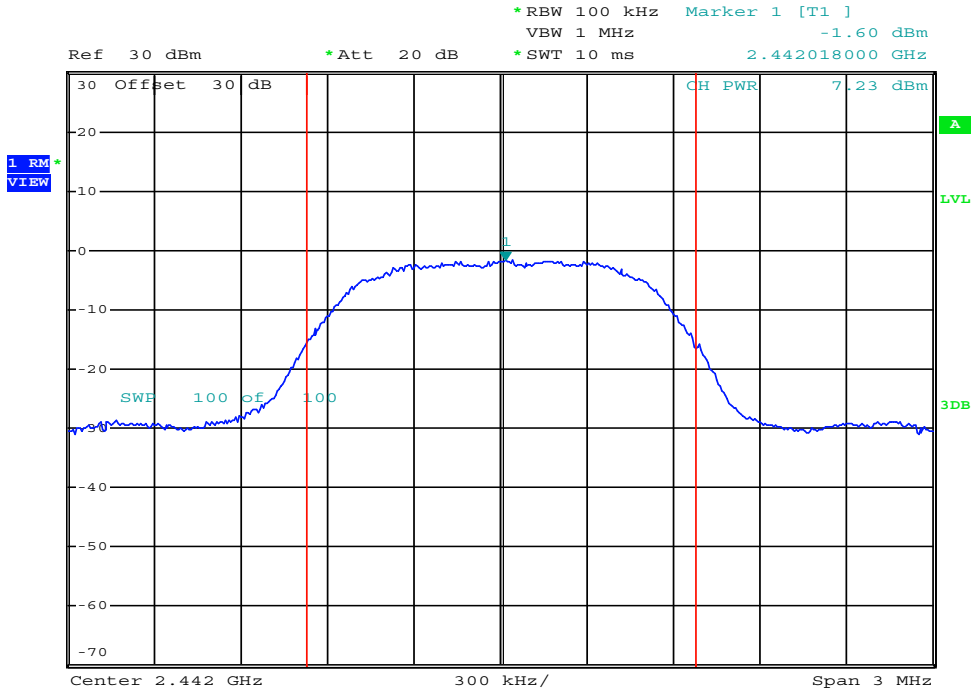
Channel Frequency:  
**2402.00 MHz**

DUT Modulation:  
**P1/4-DQPSK**

Data Rate:  
**2 Mbps**

Measured Conducted Power:  
**7.51 dBm**

# Conducted Power



Date: 2.DEC.2020 15:44:18

Channel Frequency:

**2442.00 MHz**

DUT Modulation:

**P1/4-DQPSK**

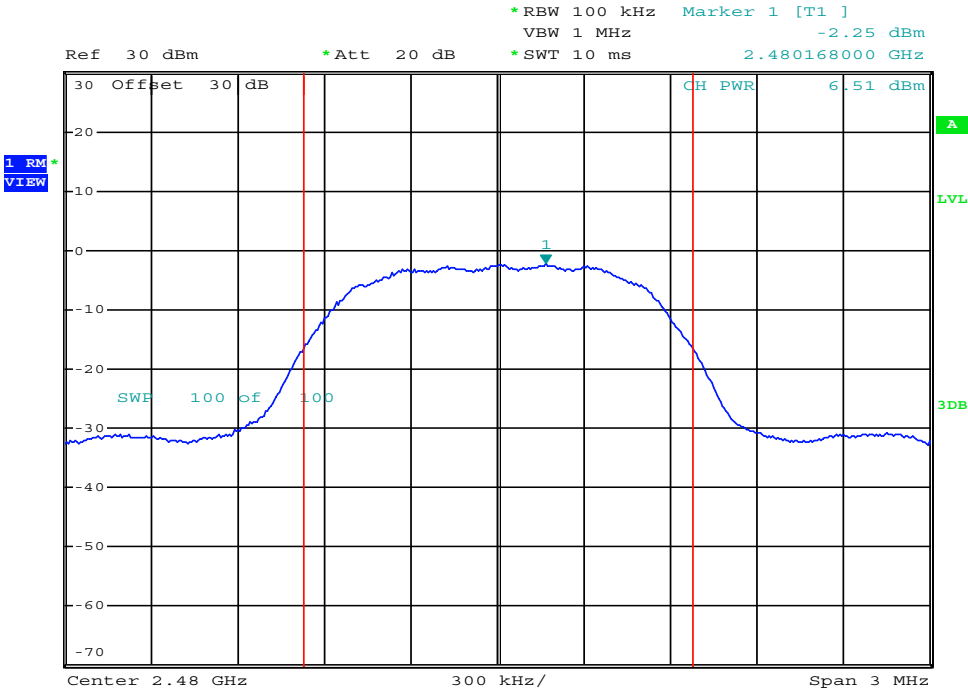
Data Rate:

**2 Mbps**

Measured Conducted Power:

**7.23 dBm**

# Conducted Power



Date: 2.DEC.2020 15:43:15

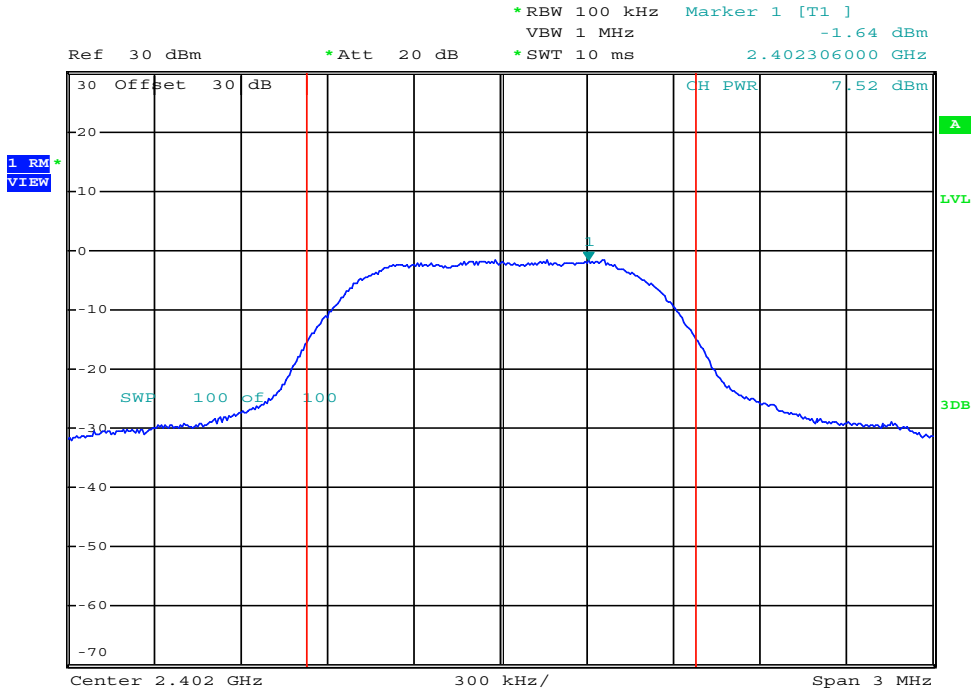
Channel Frequency:  
**2480.00 MHz**

DUT Modulation:  
**P1/4-DQPSK**

Data Rate:  
**2 Mbps**

Measured Conducted Power:  
**6.51 dBm**

# Conducted Power



Date: 2.DEC.2020 15:41:45

Channel Frequency:

**2402.00 MHz**

DUT Modulation:

**8-DPSK**

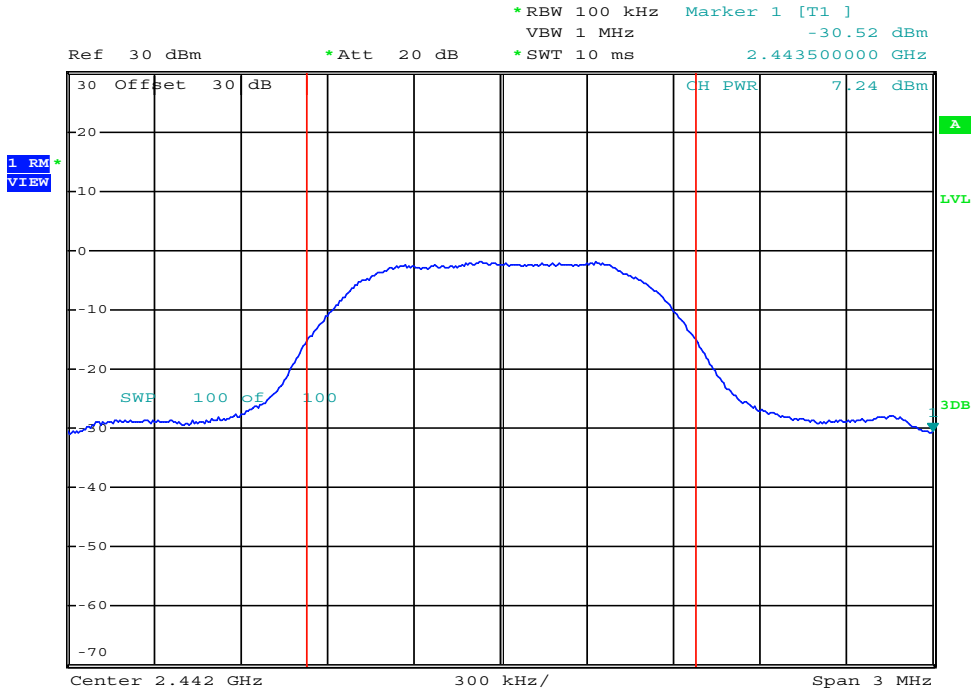
Data Rate:

**3 Mbps**

Measured Conducted Power:

**7.52 dBm**

# Conducted Power



Date: 2.DEC.2020 15:40:51

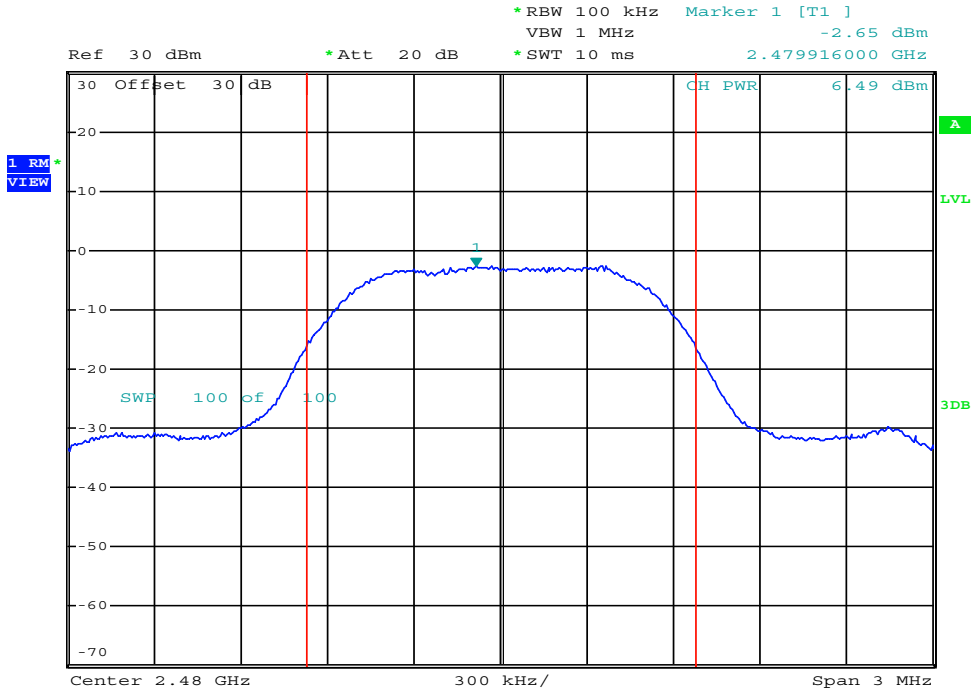
Channel Frequency:  
**2442.00 MHz**

DUT Modulation:  
**8-DPSK**

Data Rate:  
**3 Mbps**

Measured Conducted Power:  
**7.24 dBm**

# Conducted Power



Date: 2.DEC.2020 15:42:25

Channel Frequency:  
**2480.00 MHz**

DUT Modulation:  
**8-DPSK**

Data Rate:  
**3 Mbps**

Measured Conducted Power:  
**6.49 dBm**