



Test Report Serial Number:

45461626 R1.0

Test Report Date:

4 December 2020

Project Number:

1510

Appendix F - Conducted Power Measurement Plots (DSS)

This report shall not be reproduced in any form without the expressed written consent of Celltech Labs Inc.

© 2020 Celltech Labs Inc,

Conducted Power Measurement Results - DSS

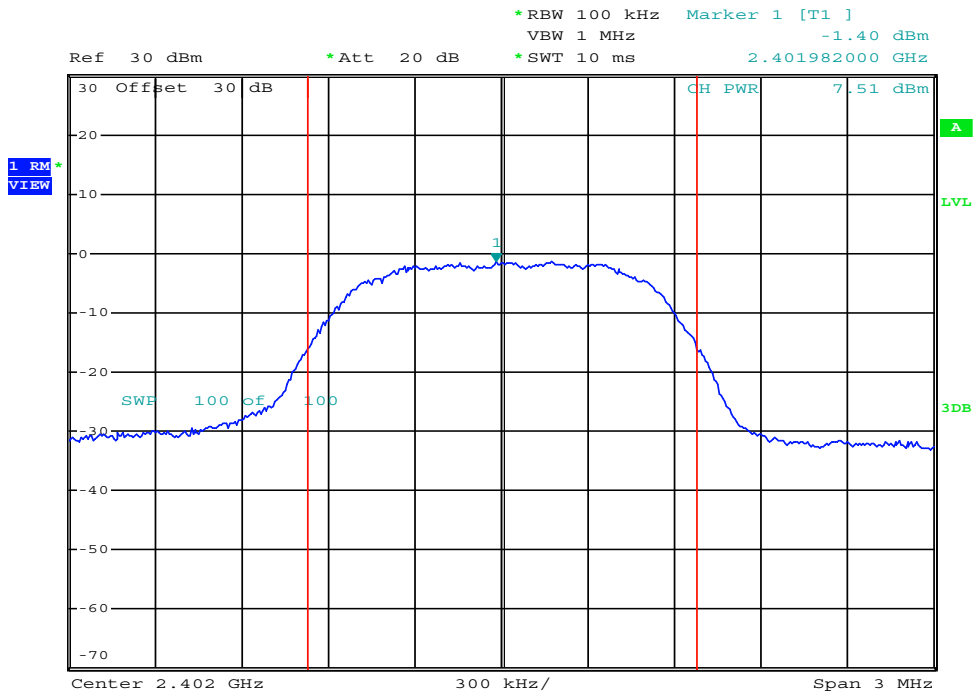
Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured Power [P _{Meas}] (dBm)	Conducted Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain* (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)	Result
2402.00	P1/4-DQPSK	2.0	7.51	30	22.490	0.6	8.11	36	27.890	Complies
2442.00	P1/4-DQPSK	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

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

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

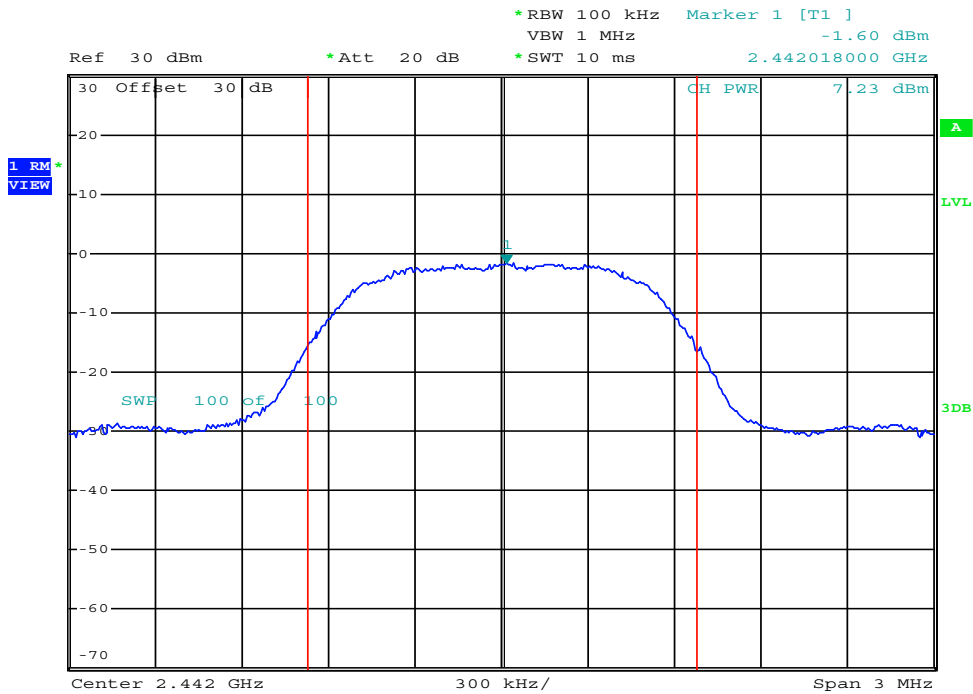
Data Rate:

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

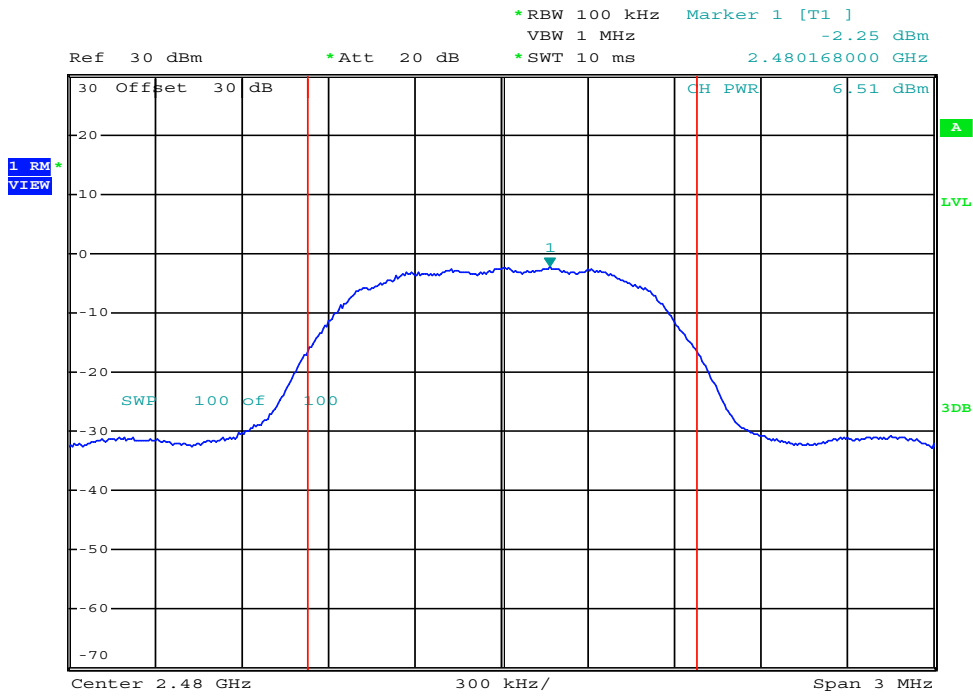
Data Rate:

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

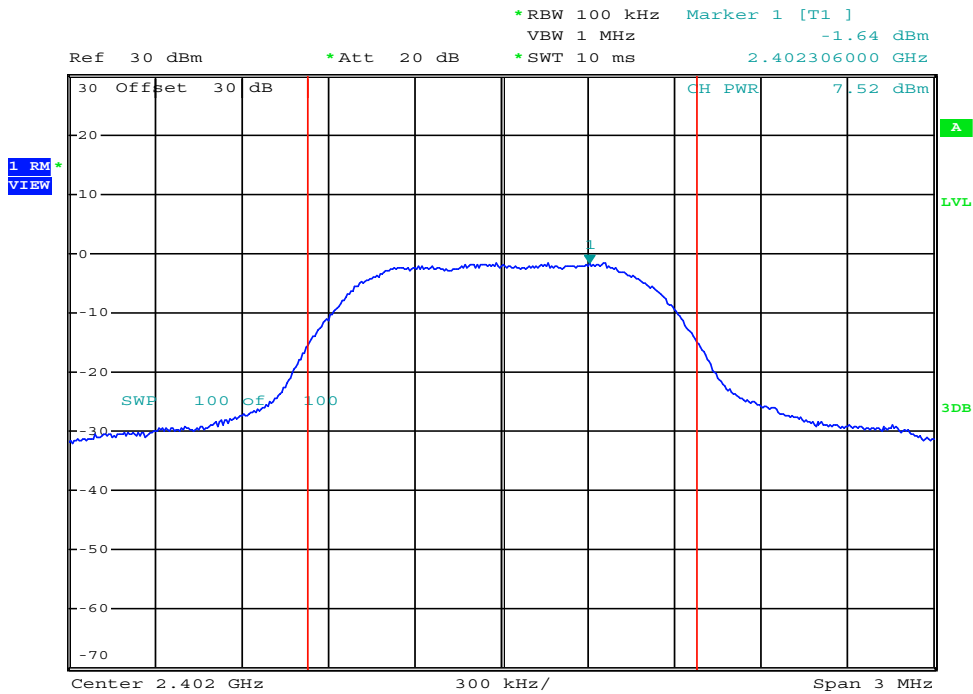
Data Rate:

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

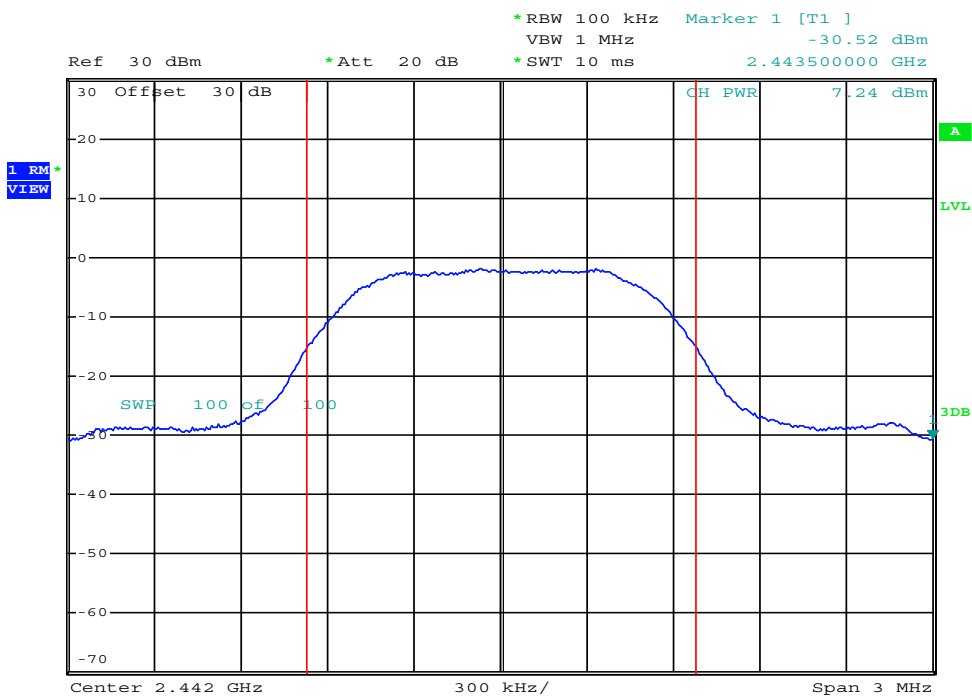
Data Rate:

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

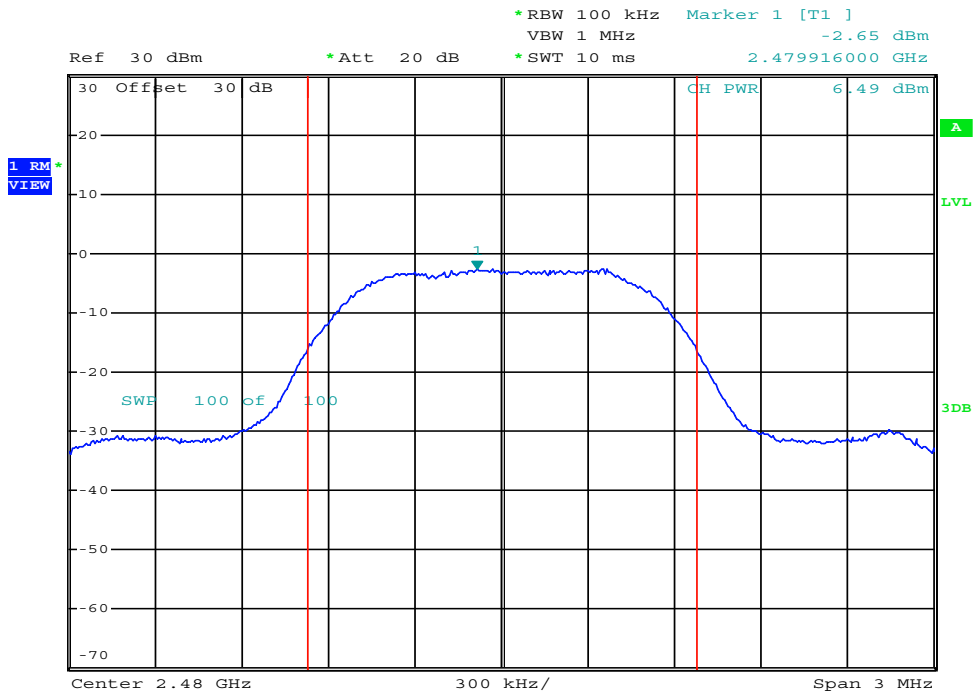
Data Rate:

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