



Test Report Serial Number:

454616241 R1.0

Test Report Date:

4 December 2020

Project Number:

1511

Appendix F - Conducted Power Measurement Plots (DSS)

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Conducted Power Measurement Results - DSS

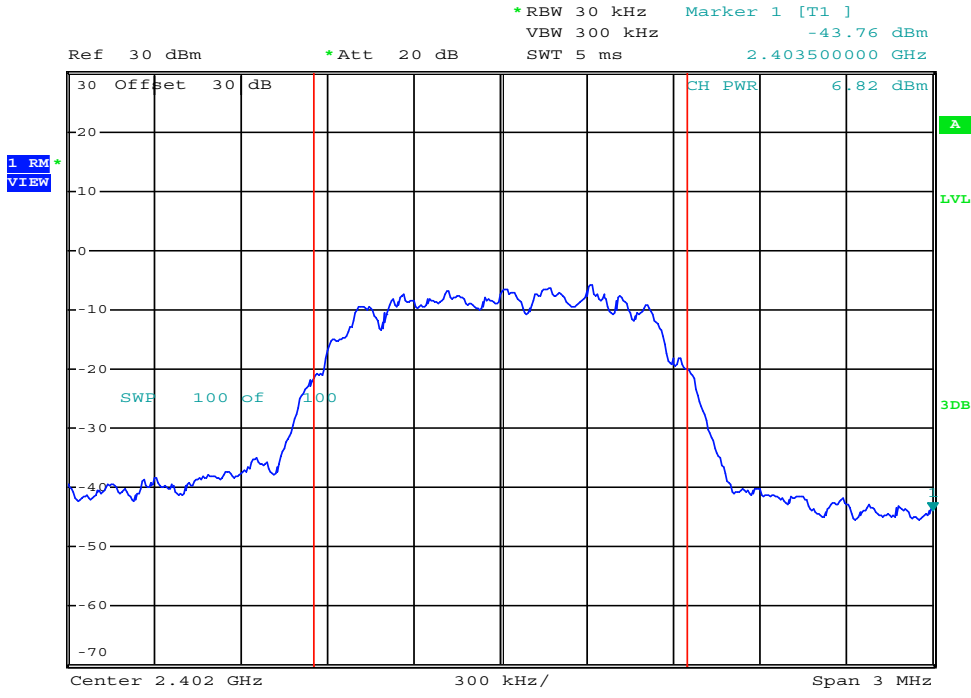
Frequency (MHz)	Modulation	Bit Rate (Mbps)	Measured Power [P _{Meas}] (dBm)	Conducted Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain* (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)	Result
2402.00	P1/4-DQPSK	2.0	6.82	30	23.180	0.6	7.42	36	28.580	Complies
2442.00	P1/4-DQPSK	2.0	6.98	30	23.020	0.6	7.58	36	28.420	Complies
2480.00	P1/4-DQPSK	2.0	6.74	30	23.260	0.6	7.34	36	28.660	Complies
2402.00	8-DPSK	3.0	6.68	30	23.320	0.6	7.28	36	28.720	Complies
2442.00	8-DPSK	3.0	6.85	30	23.150	0.6	7.45	36	28.550	Complies
2480.00	8-DPSK	3.0	6.58	30	23.420	0.6	7.18	36	28.820	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: 30.NOV.2020 16:17:46

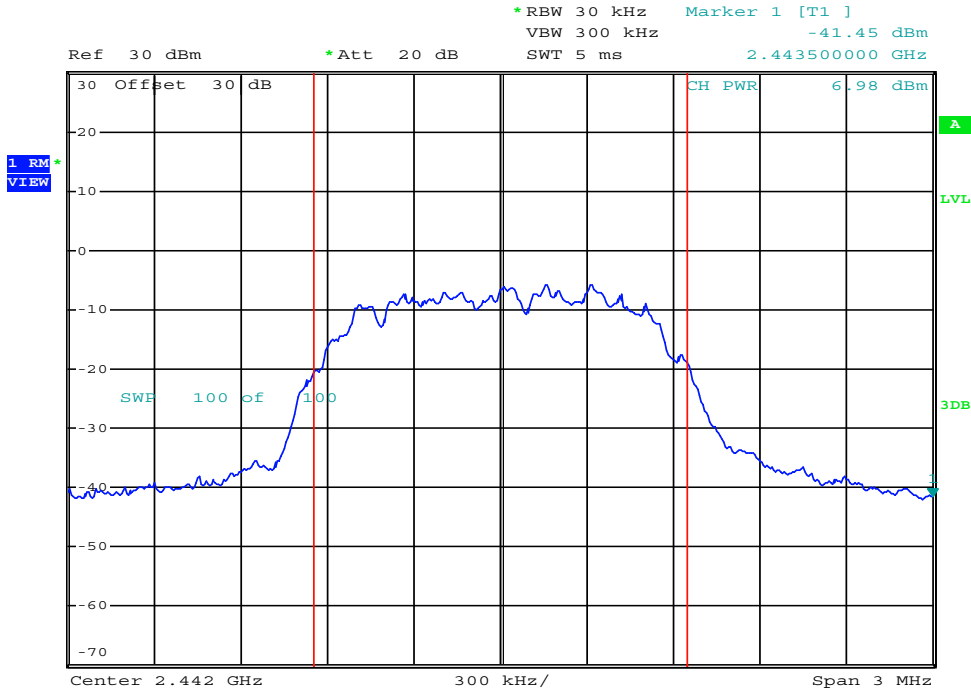
Channel Frequency:
2402.00 MHz

DUT Modulation:
P1/4-DQPSK

Data Rate:
2 Mbps

Measured Conducted Power:
6.82 dBm

Conducted Power



Date: 30.NOV.2020 16:16:50

Channel Frequency:

2442.00 MHz

DUT Modulation:

P1/4-DQPSK

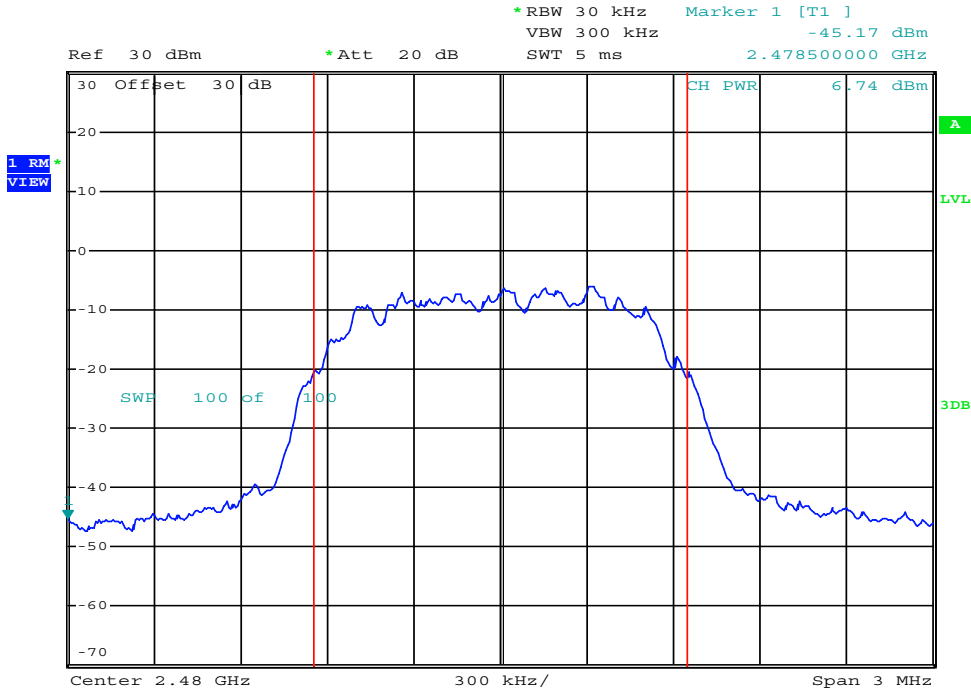
Data Rate:

2 Mbps

Measured Conducted Power:

6.98 dBm

Conducted Power



Date: 30.NOV.2020 16:15:48

Channel Frequency:

2480.00 MHz

DUT Modulation:

P1/4-DQPSK

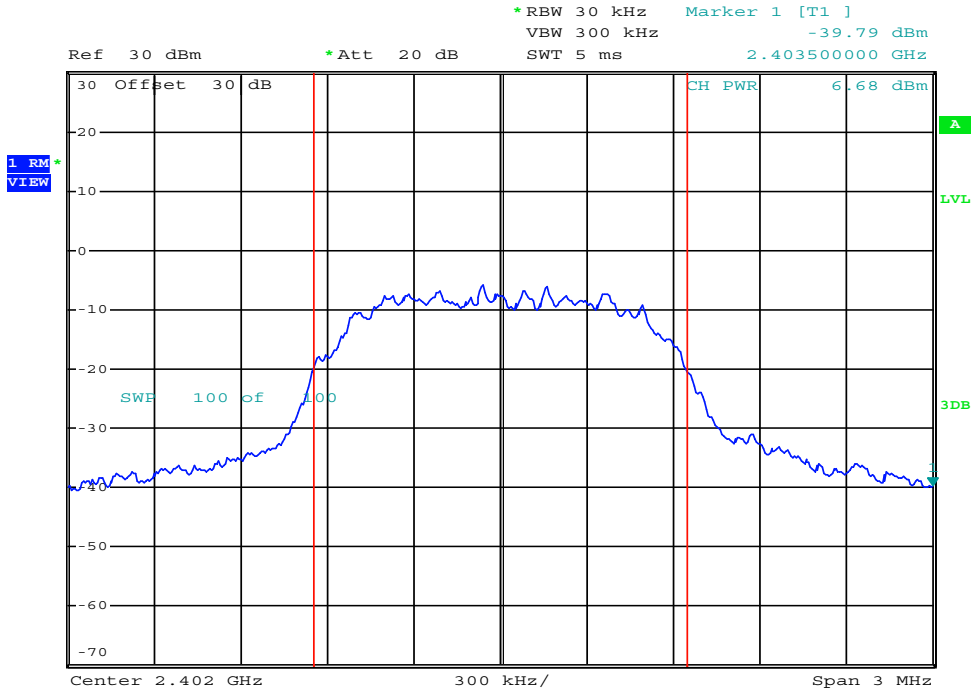
Data Rate:

2 Mbps

Measured Conducted Power:

6.74 dBm

Conducted Power



Date: 30.NOV.2020 16:13:55

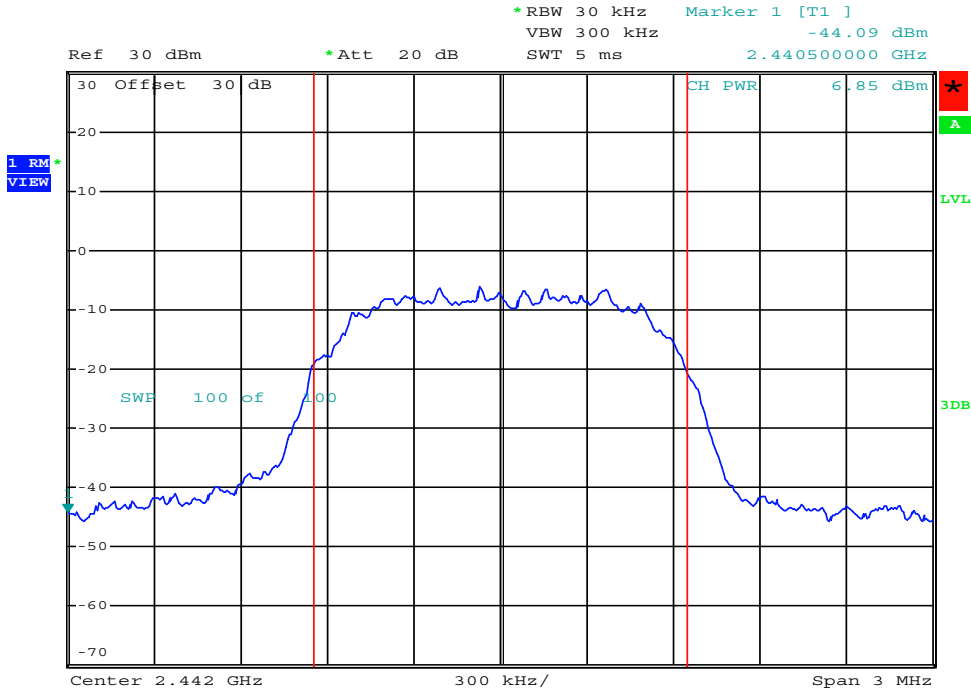
Channel Frequency:
2402.00 MHz

DUT Modulation:
8-DPSK

Data Rate:
3 Mbps

Measured Conducted Power:
6.68 dBm

Conducted Power



Date: 30.NOV.2020 16:12:57

Channel Frequency:

2442.00 MHz

DUT Modulation:

8-DPSK

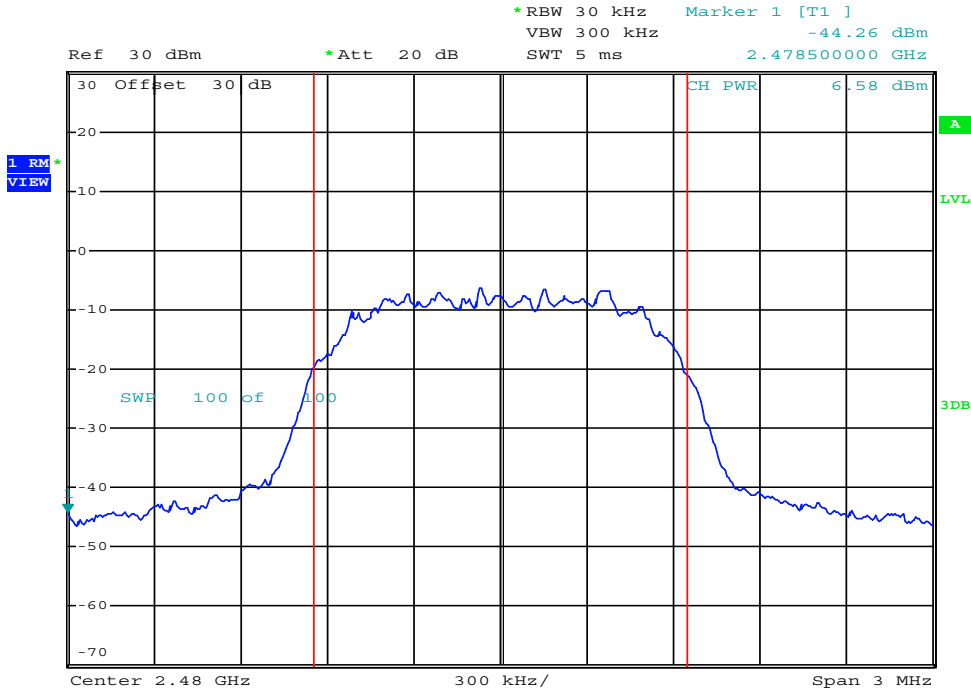
Data Rate:

3 Mbps

Measured Conducted Power:

6.85 dBm

Conducted Power



Date: 30.NOV.2020 16:14:44

Channel Frequency:

2480.00 MHz

DUT Modulation:

8-DPSK

Data Rate:

3 Mbps

Measured Conducted Power:

6.58 dBm