

APPENDIX K: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION

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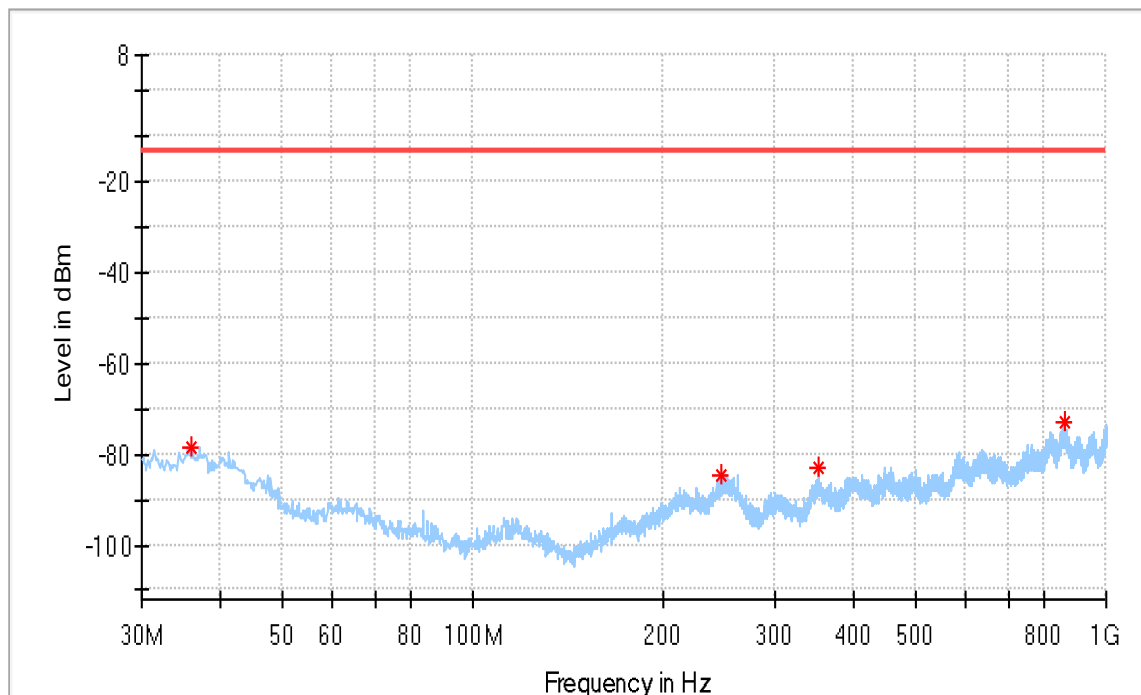
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APPENDIX K.1: FIELD STRENGTH OF SPURIOUS RADIATION, NB IOT BAND 2

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

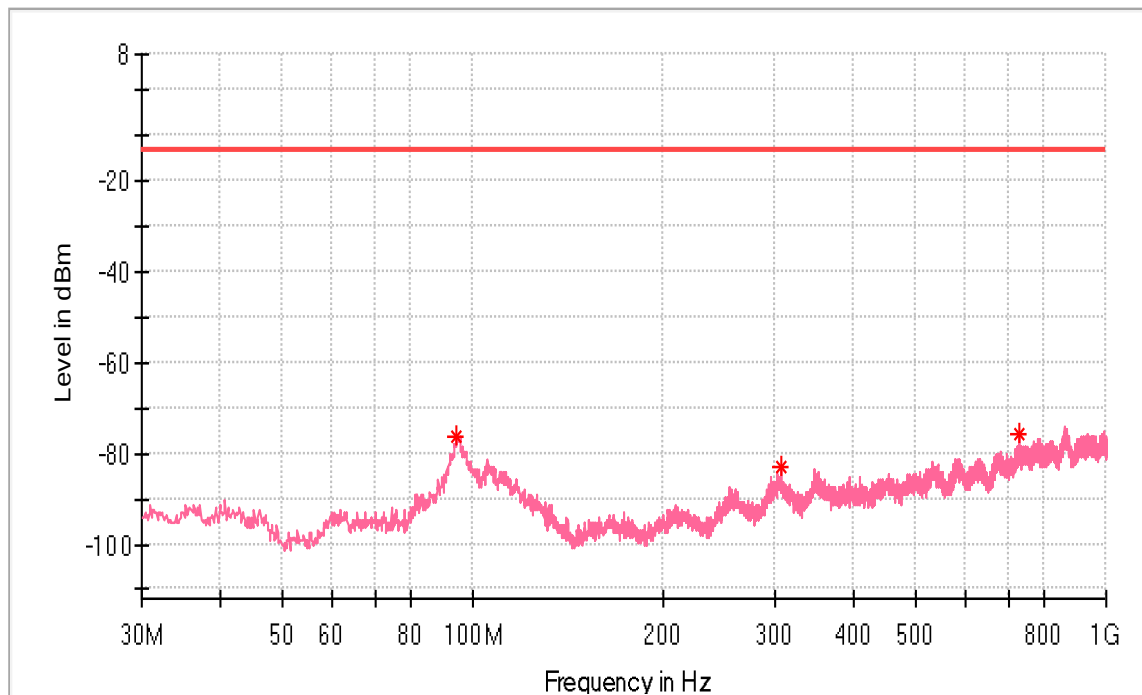


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-78.49	-13.00	65.49	100.0	H	332.0	-113.5
247.522500	-84.70	-13.00	71.70	100.0	H	120.0	-109.9
350.948750	-83.11	-13.00	70.11	100.0	H	0.0	-111.3
862.260000	-73.18	-13.00	60.18	100.0	H	150.0	-99.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



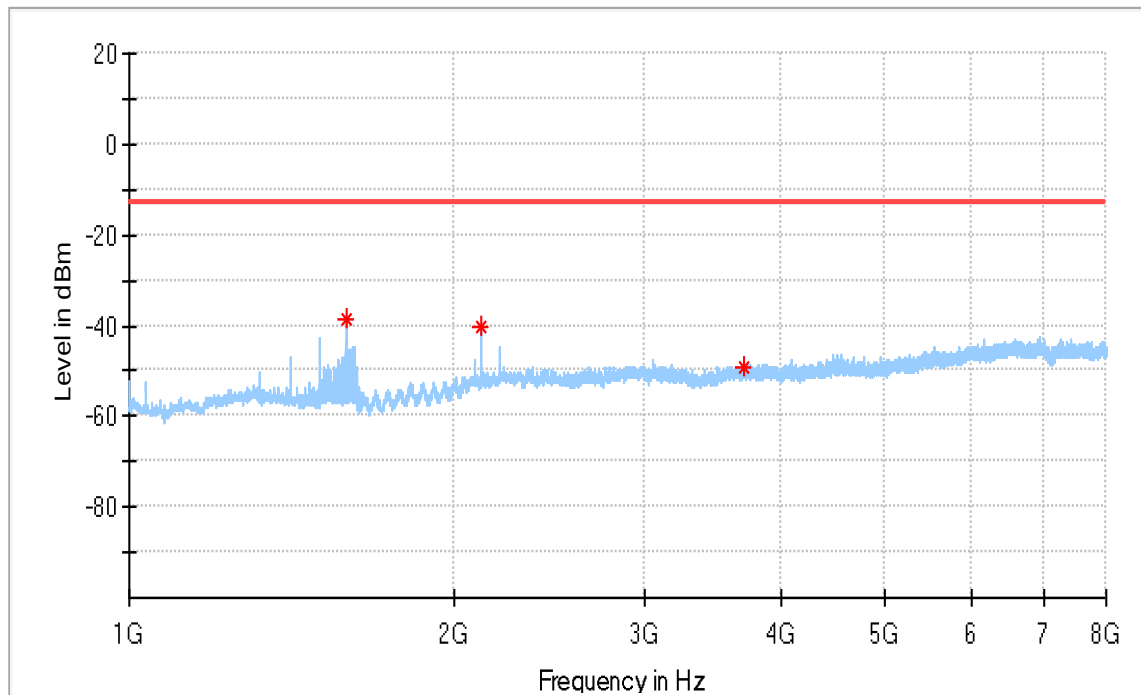
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-76.45	-13.00	63.45	100.0	V	203.0	-99.8
307.177500	-83.00	-13.00	70.00	100.0	V	0.0	-111.1
729.491250	-75.62	-13.00	62.62	100.0	V	272.0	-103.0

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

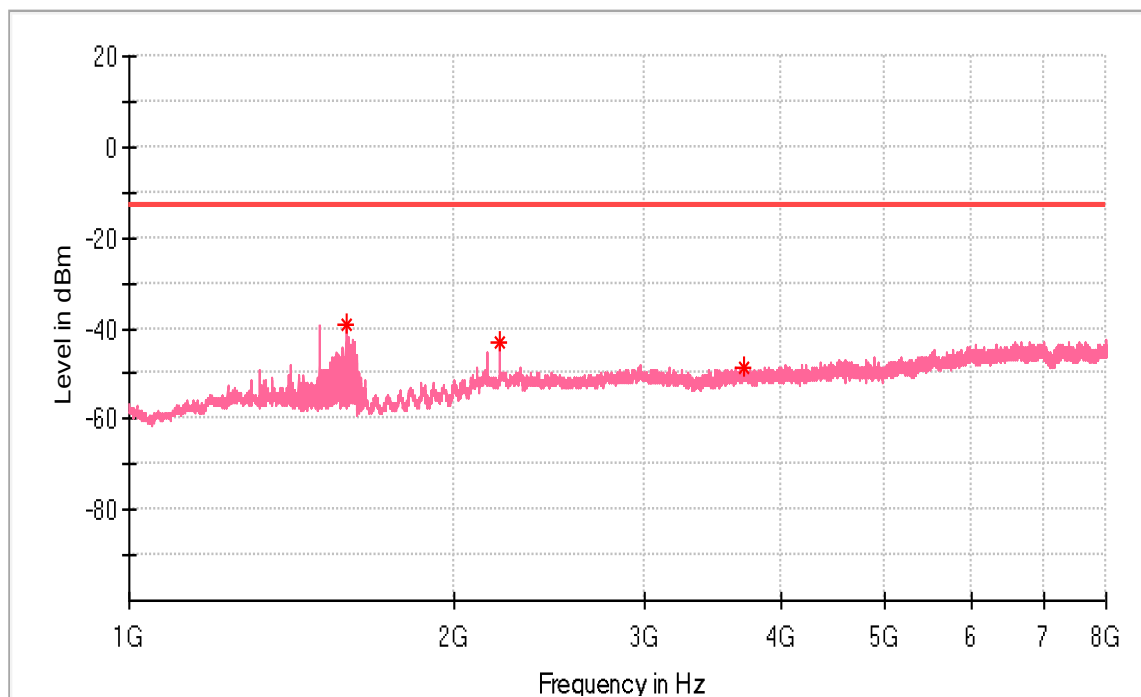


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1585.500000	-38.54	-13.00	25.54	100.0	H	289.0	-92.9
2115.000000	-40.32	-13.00	27.32	100.0	H	96.0	-88.8
3702.500000	-49.37	-13.00	36.37	100.0	H	279.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

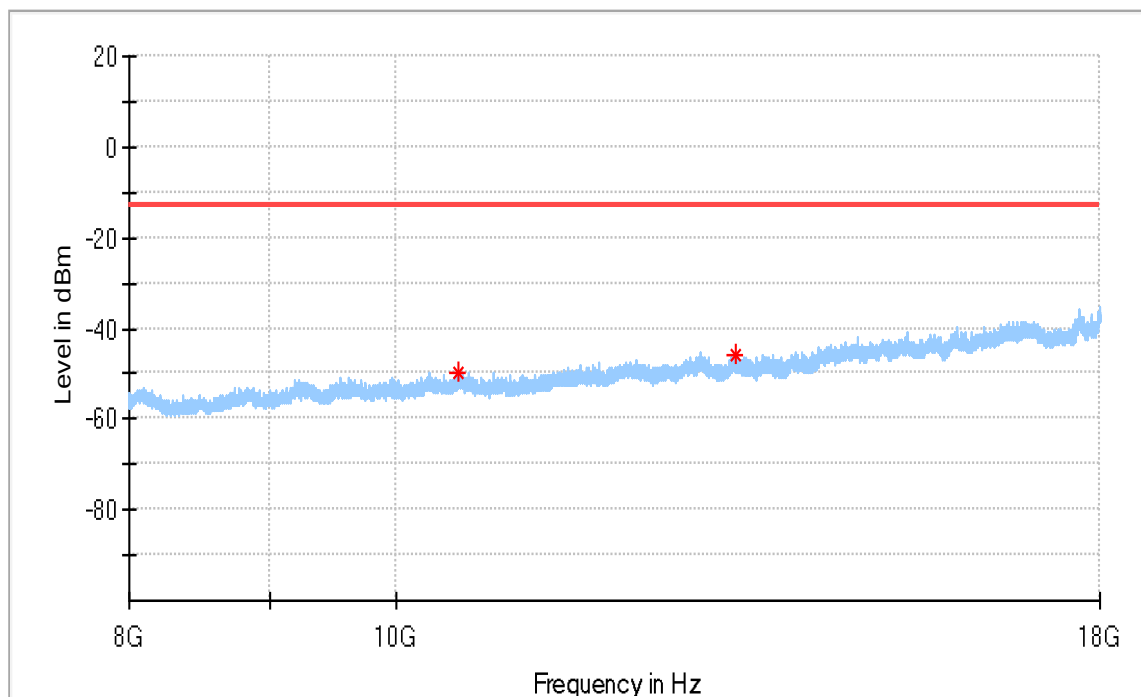


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1585.500000	-38.94	-13.00	25.94	100.0	V	2.0	-93.0
2202.500000	-43.10	-13.00	30.10	100.0	V	87.0	-87.3
3701.500000	-48.55	-13.00	35.55	100.0	V	256.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

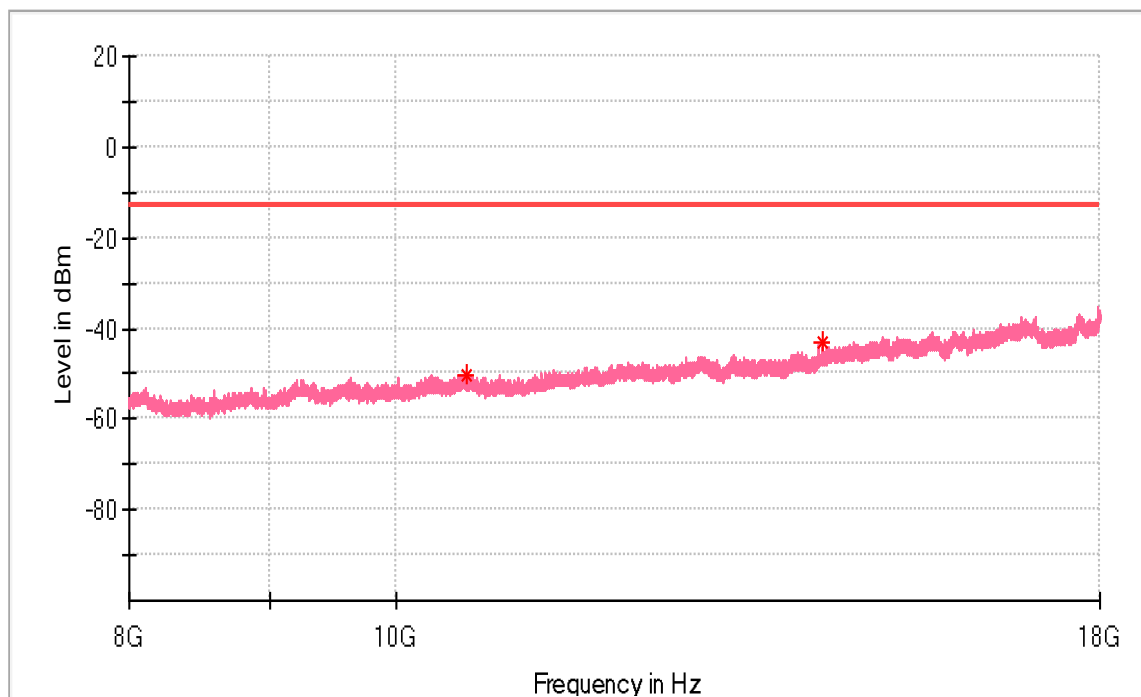


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10534.500000	-50.03	-13.00	37.03	100.0	H	192.0	-82.5
13267.500000	-45.69	-13.00	32.69	100.0	H	19.0	-79.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

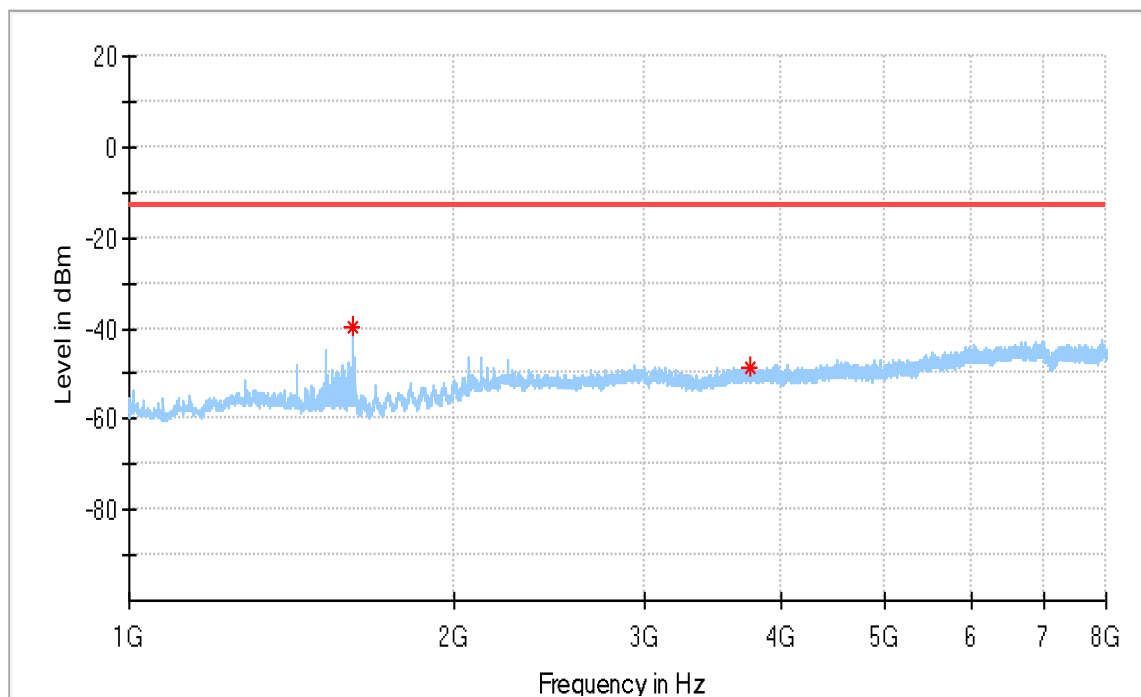


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10596.500000	-50.29	-13.00	37.29	100.0	V	177.0	-82.8
14269.500000	-43.27	-13.00	30.27	100.0	V	253.0	-77.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

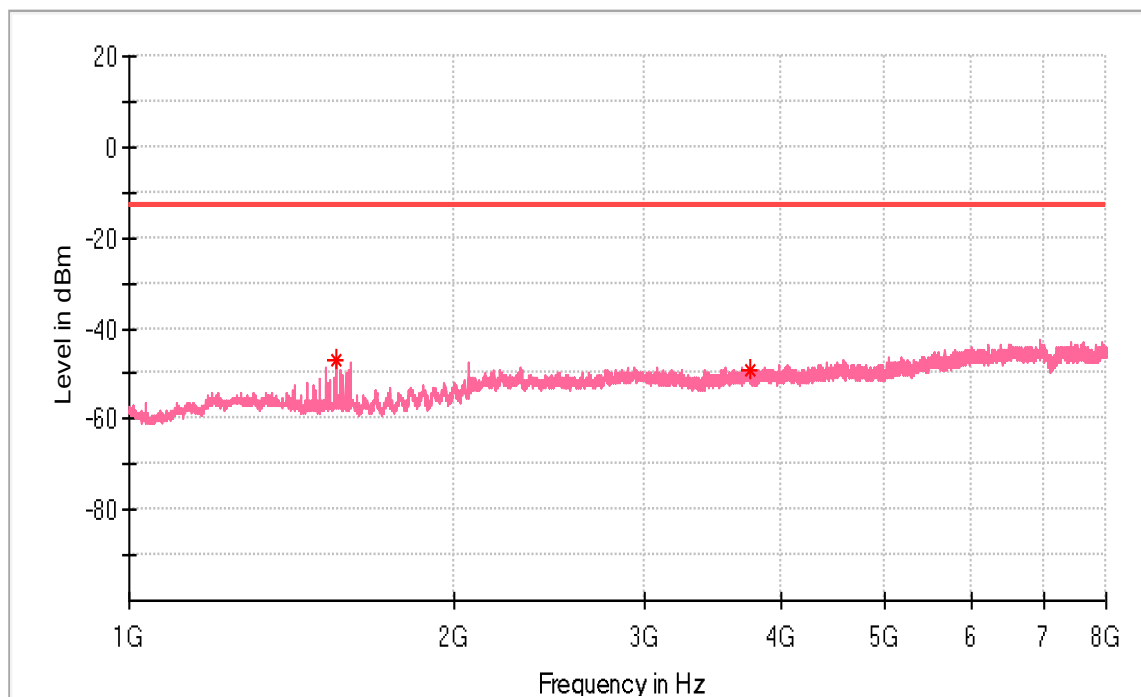


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1609.000000	-39.62	-13.00	26.62	100.0	H	99.0	-93.1
3754.000000	-48.73	-13.00	35.73	100.0	H	0.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

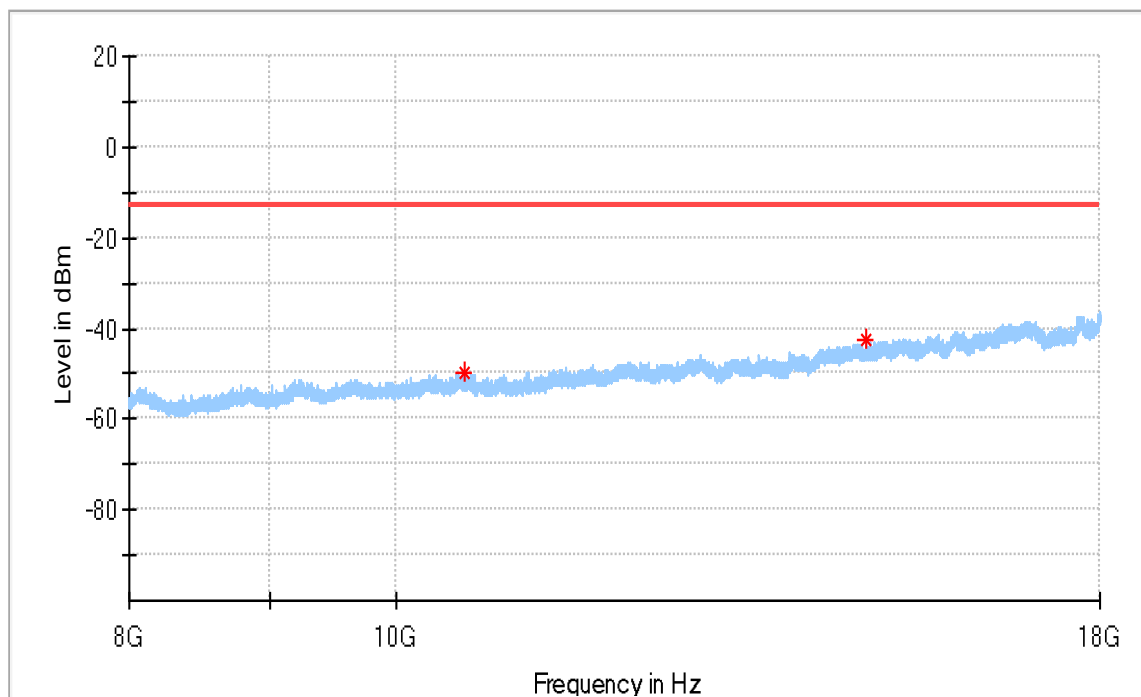


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1555.000000	-46.91	-13.00	33.91	100.0	V	0.0	-92.9
3753.500000	-49.37	-13.00	36.37	100.0	V	265.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

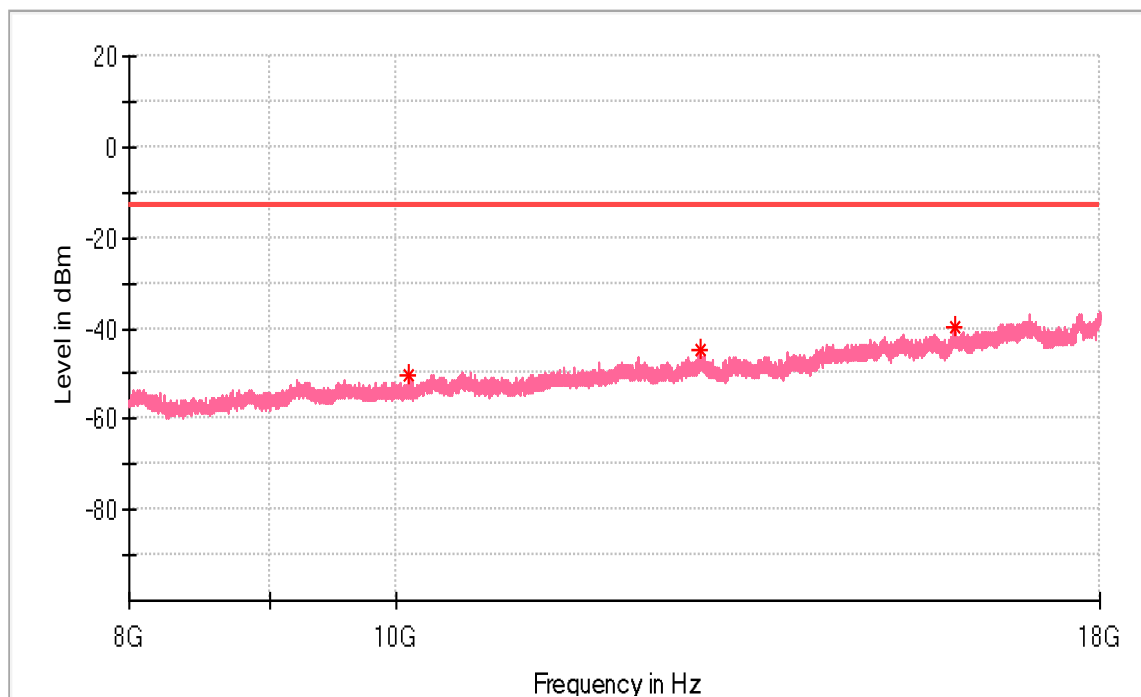


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10585.500000	-49.90	-13.00	36.90	100.0	H	79.0	-82.8
14804.500000	-42.41	-13.00	29.41	100.0	H	90.0	-77.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

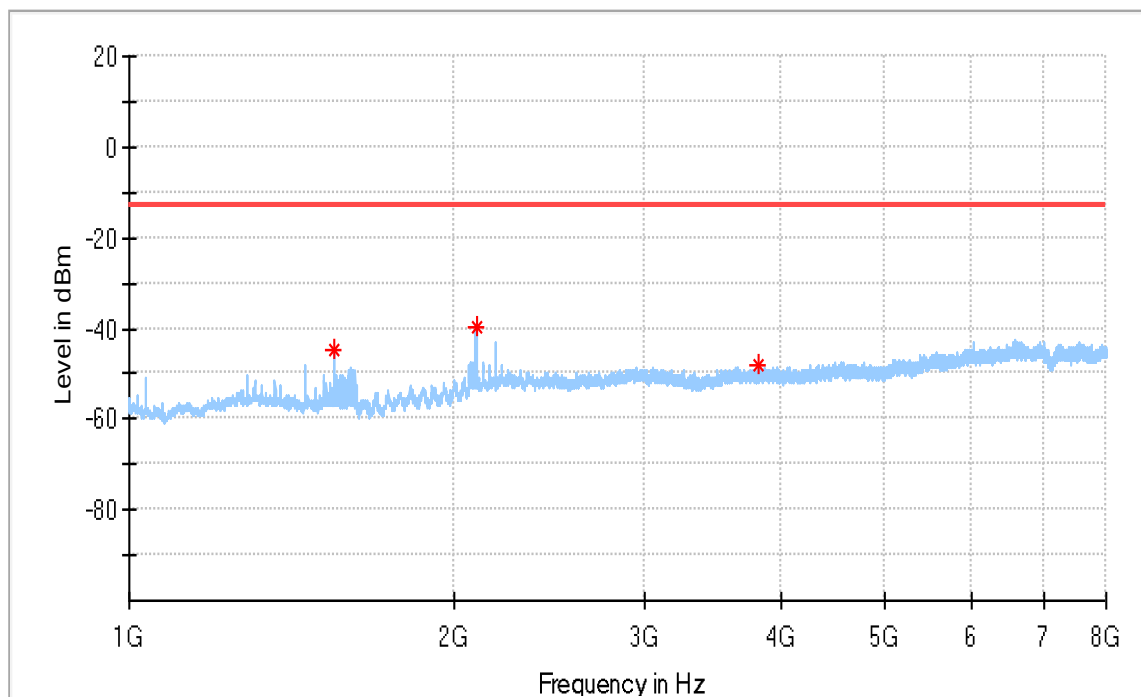


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10109.000000	-50.30	-13.00	37.30	100.0	V	331.0	-84.3
12899.500000	-44.75	-13.00	31.75	100.0	V	21.0	-78.3
15954.000000	-39.79	-13.00	26.79	100.0	V	31.0	-76.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

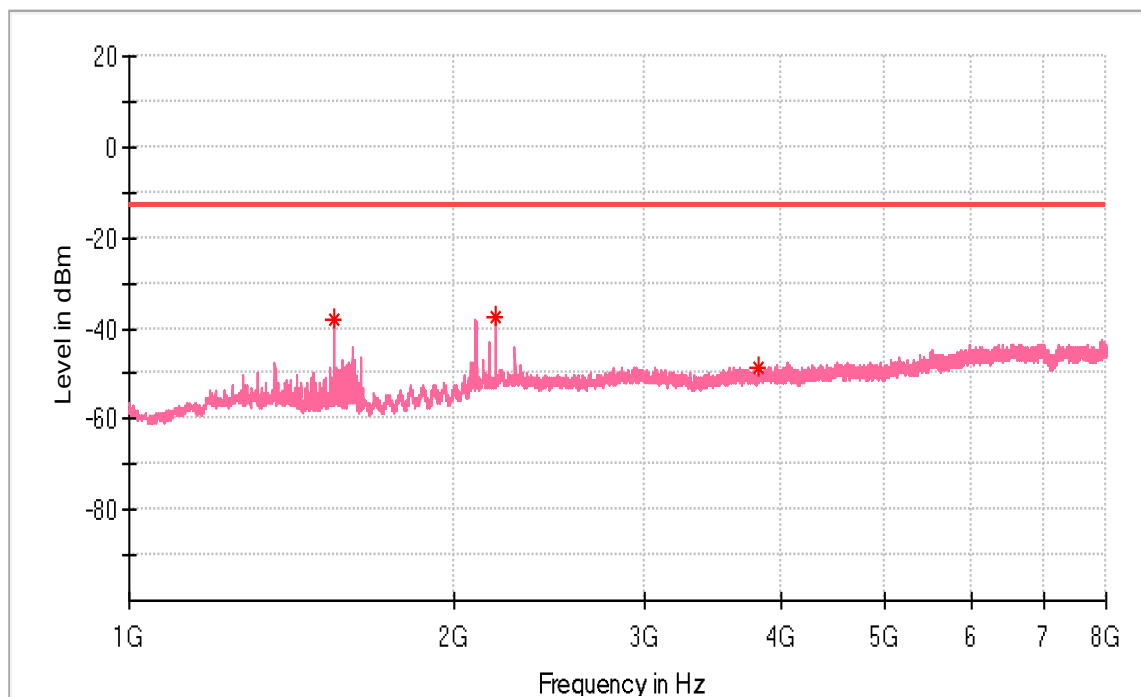


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1546.000000	-44.87	-13.00	31.87	100.0	H	40.0	-92.9
2092.000000	-39.93	-13.00	26.93	100.0	H	67.0	-88.7
3812.000000	-48.27	-13.00	35.27	100.0	H	70.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

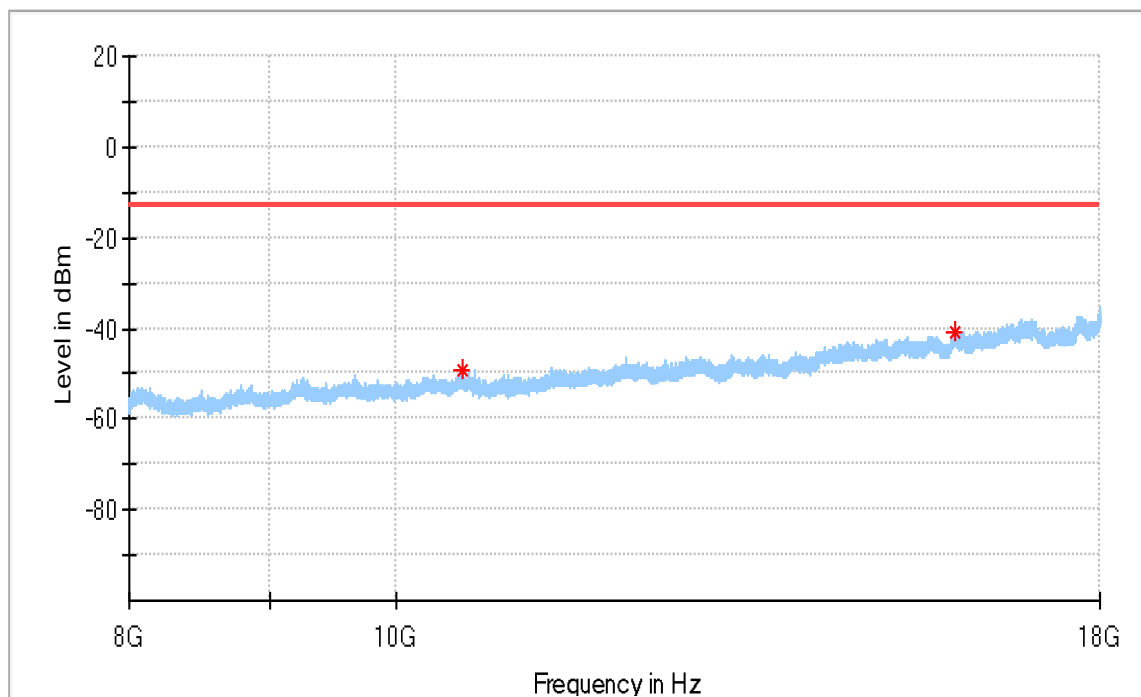


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1546.000000	-38.19	-13.00	25.19	100.0	V	0.0	-92.9
2182.500000	-37.38	-13.00	24.38	100.0	V	30.0	-87.9
3819.500000	-48.43	-13.00	35.43	100.0	V	297.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

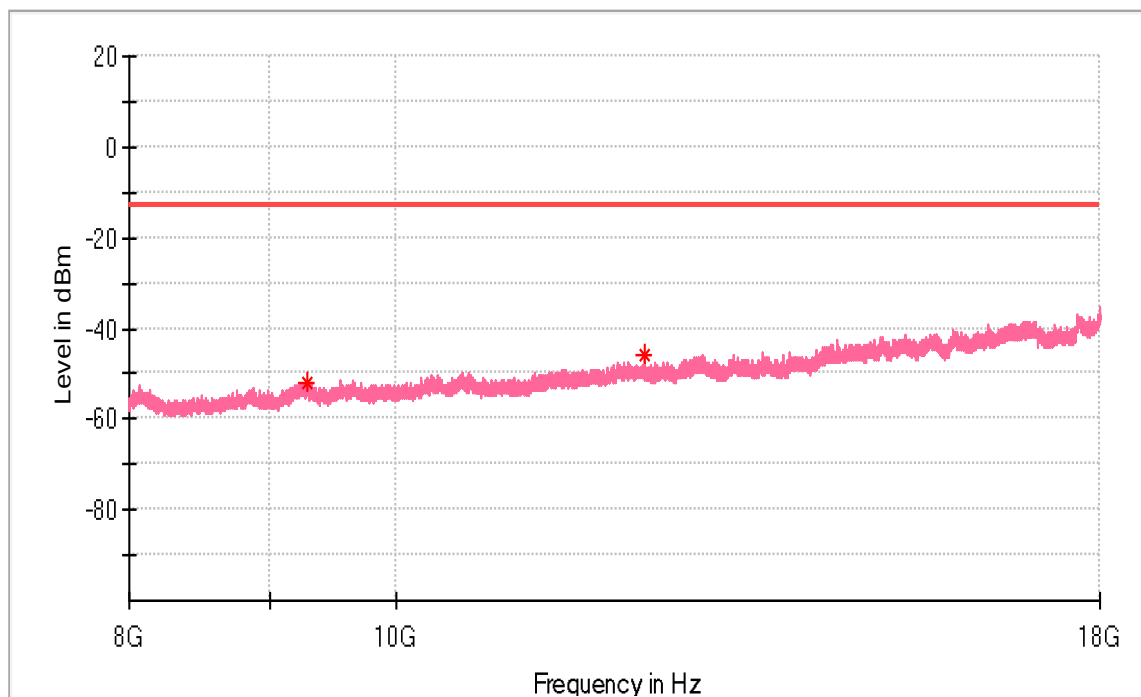


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10572.000000	-49.43	-13.00	36.43	100.0	H	86.0	-82.5
15939.500000	-40.56	-13.00	27.56	100.0	H	3.0	-76.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



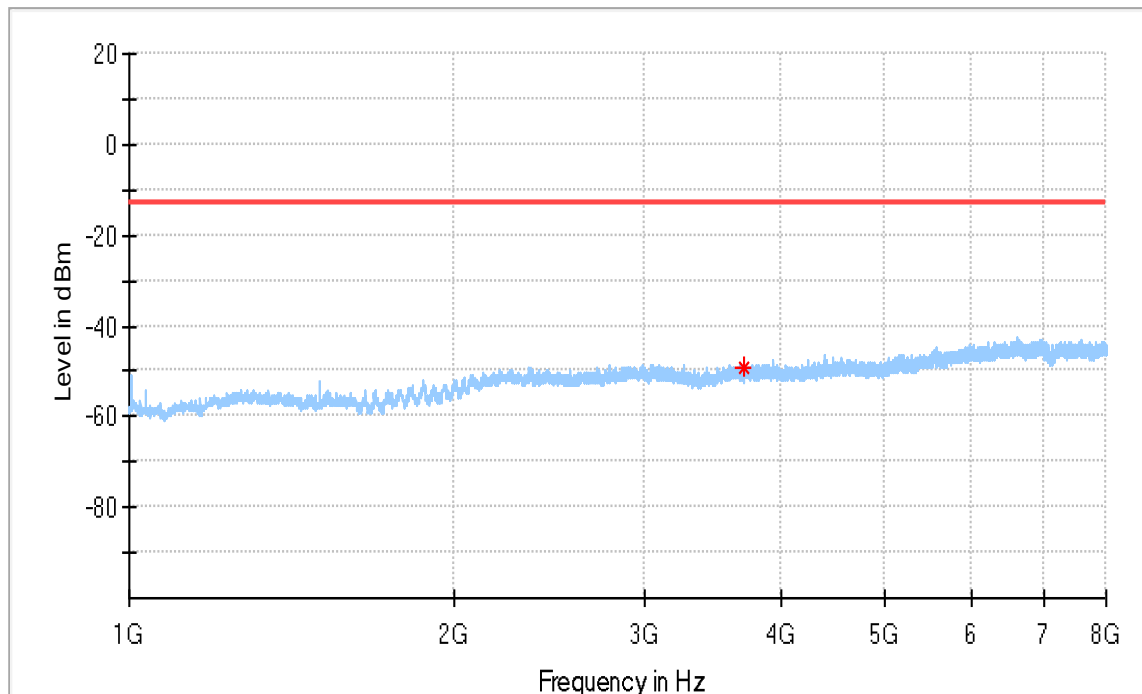
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9277.000000	-51.98	-13.00	38.98	100.0	V	265.0	-84.1
12295.500000	-45.82	-13.00	32.82	100.0	V	177.0	-79.9

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

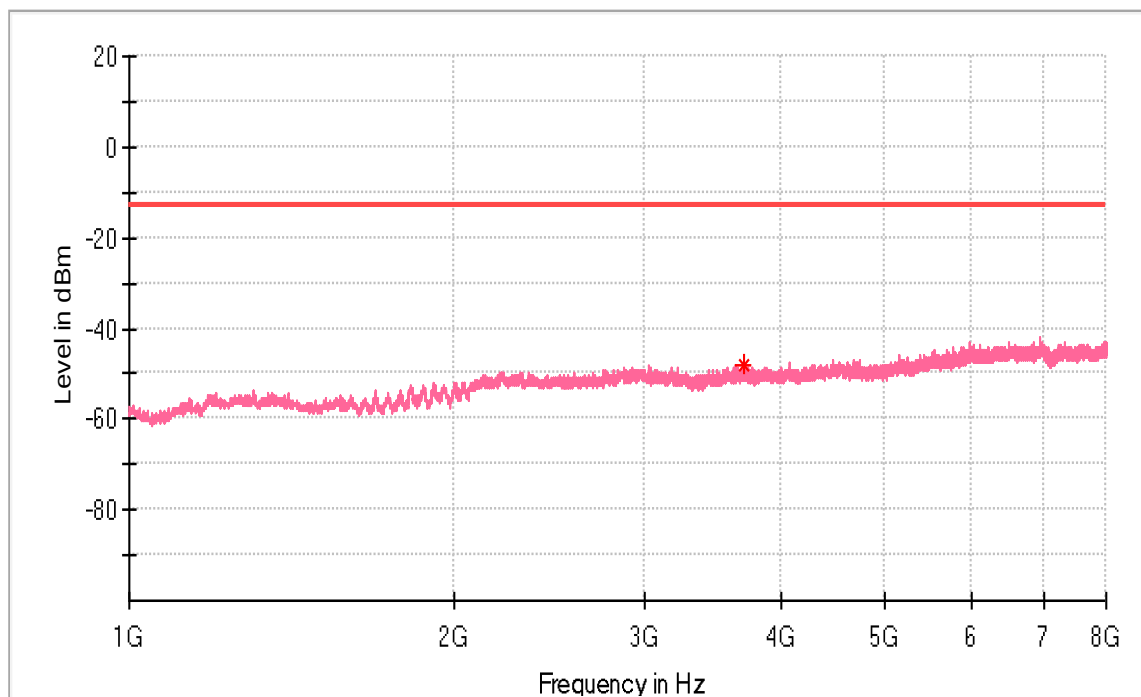


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3699.000000	-49.39	-13.00	36.39	100.0	H	157.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

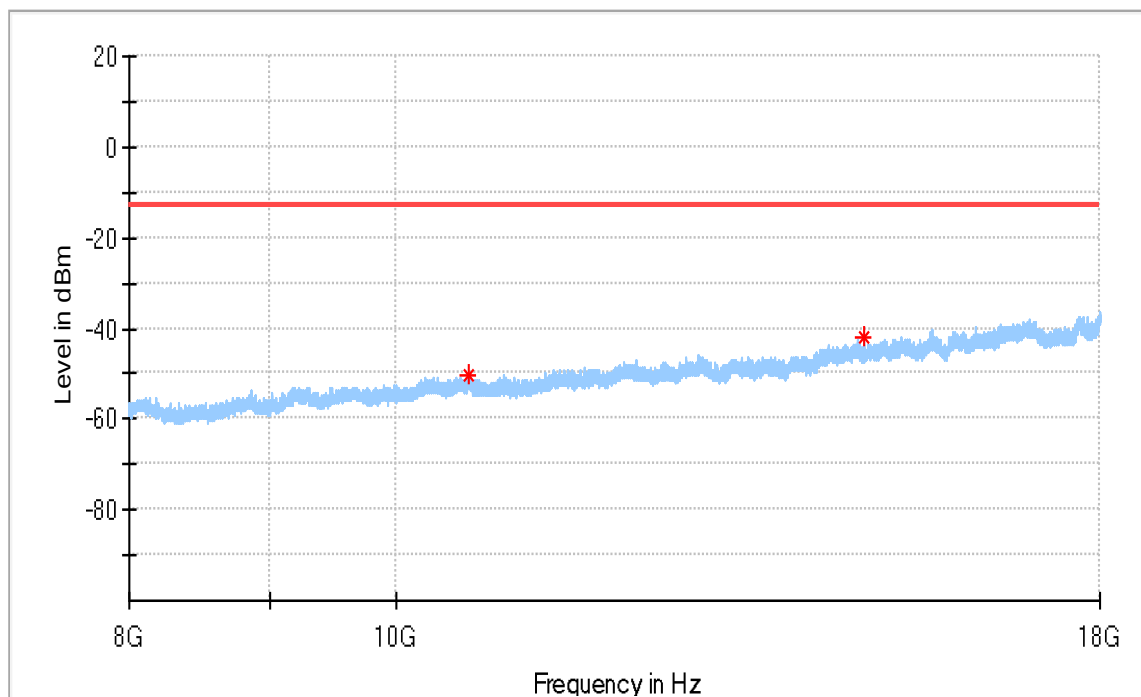


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3706.500000	-47.90	-13.00	34.90	100.0	V	140.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

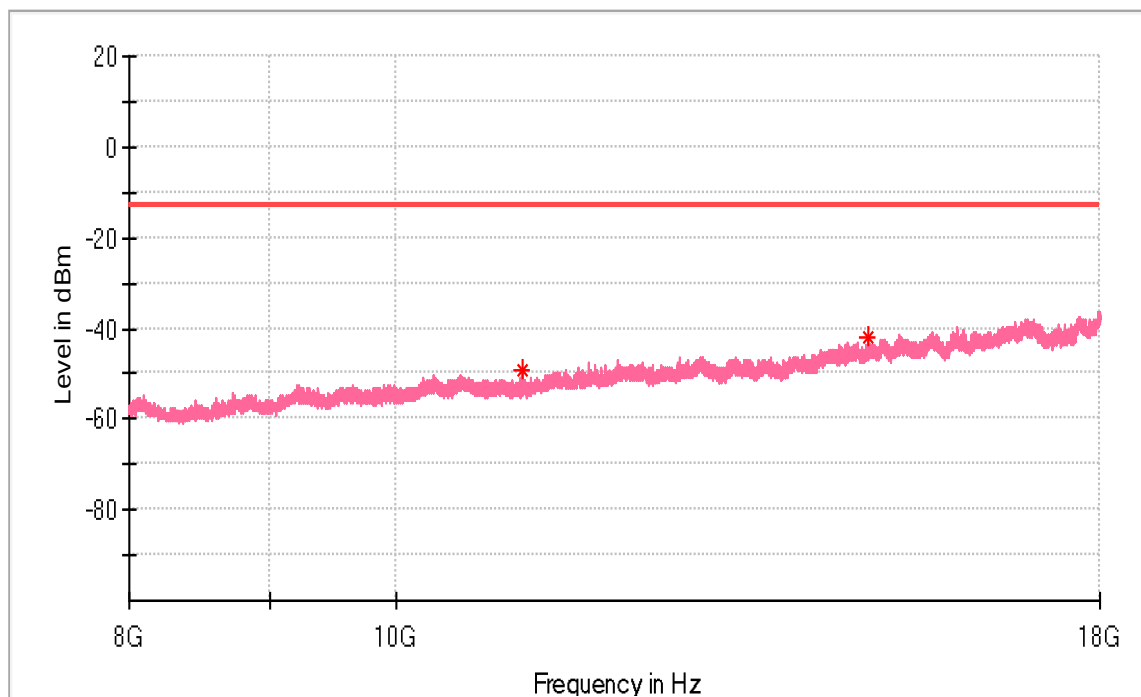


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10626.000000	-50.08	-13.00	37.08	100.0	H	120.0	-83.3
14781.500000	-42.11	-13.00	29.11	100.0	H	120.0	-77.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

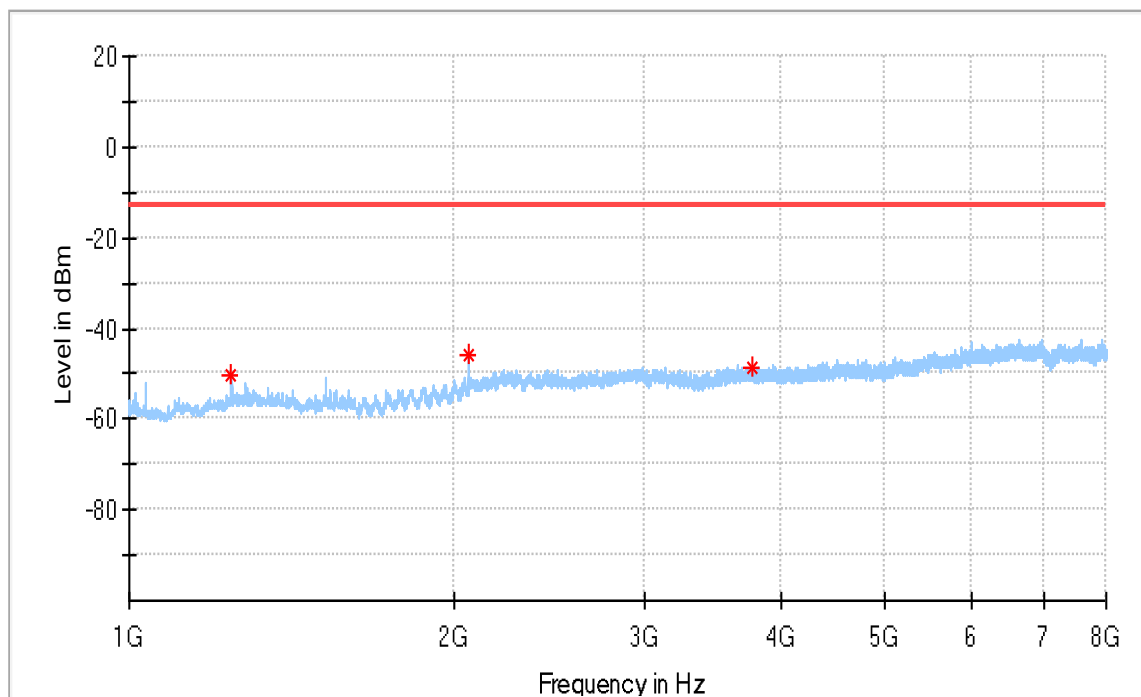


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11119.500000	-49.40	-13.00	36.40	100.0	V	115.0	-83.1
14822.000000	-41.99	-13.00	28.99	100.0	V	136.0	-77.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

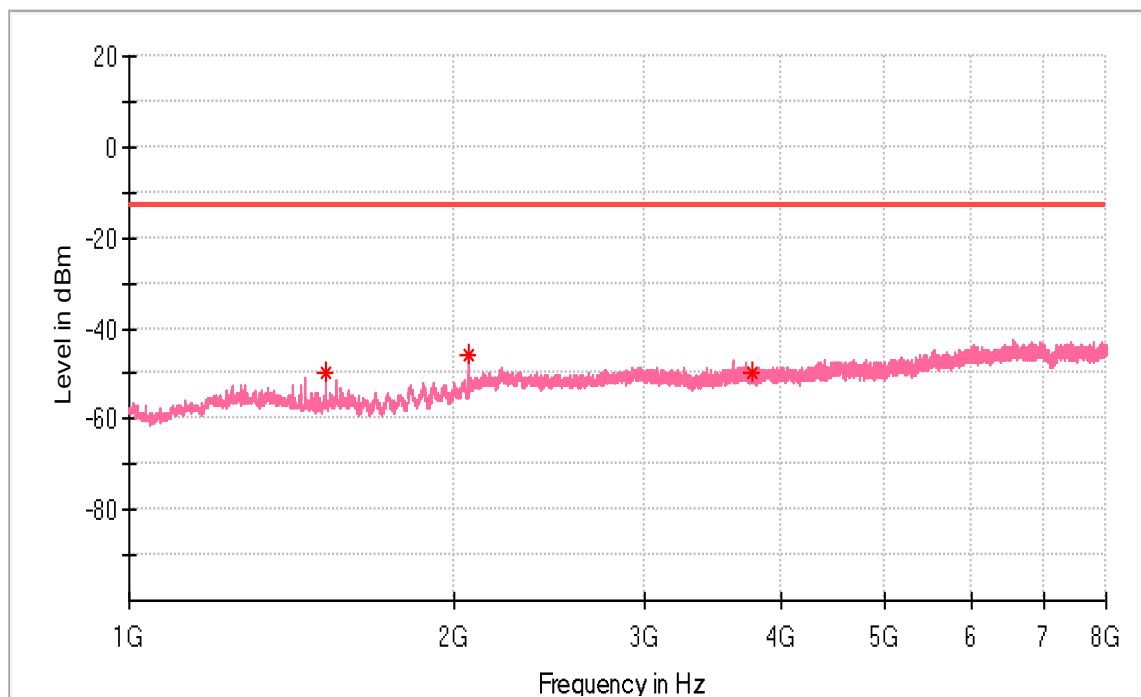


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1243.500000	-50.30	-13.00	37.30	100.0	H	103.0	-92.5
2056.000000	-46.10	-13.00	33.10	100.0	H	89.0	-88.4
3761.000000	-48.92	-13.00	35.92	100.0	H	124.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

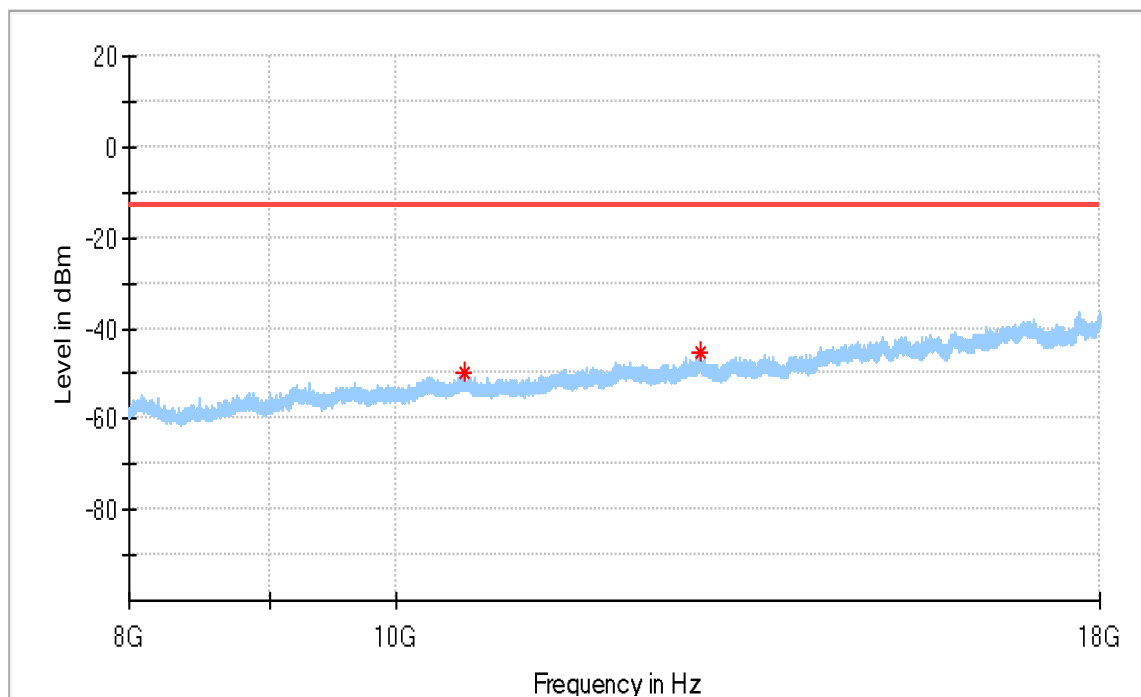


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1520.000000	-49.97	-13.00	36.97	100.0	V	6.0	-93.6
2056.500000	-45.59	-13.00	32.59	100.0	V	83.0	-89.0
3760.500000	-49.50	-13.00	36.50	100.0	V	82.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

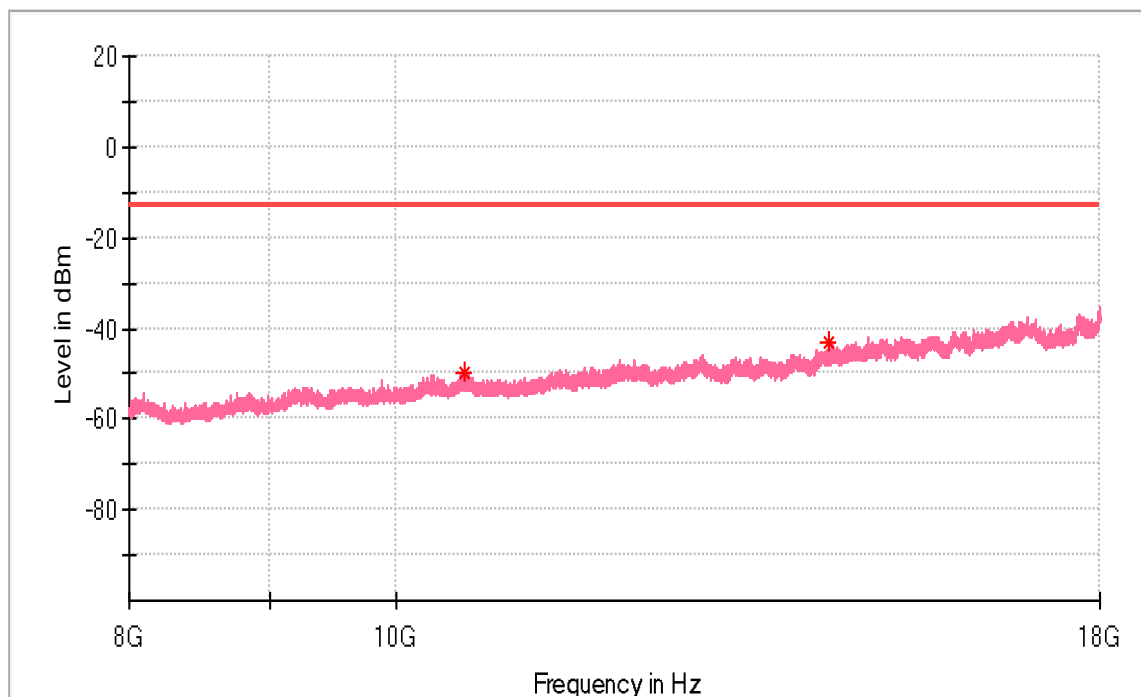


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10587.500000	-49.90	-13.00	36.90	100.0	H	15.0	-82.8
12897.500000	-45.47	-13.00	32.47	100.0	H	213.0	-78.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

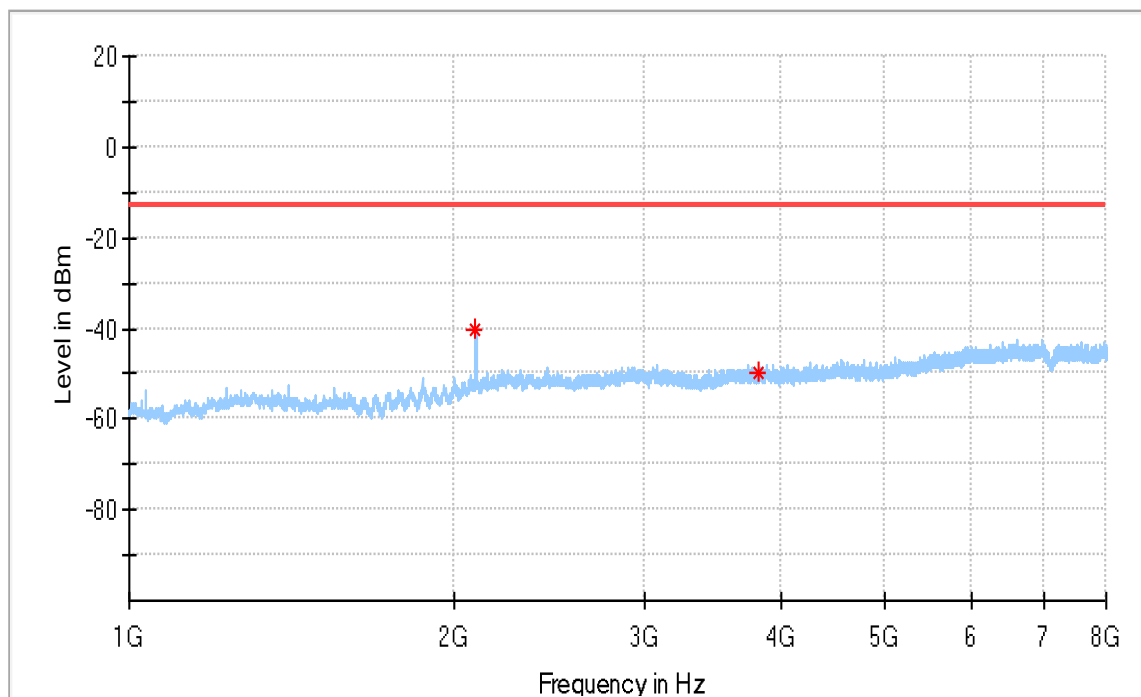


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10592.500000	-49.99	-13.00	36.99	100.0	V	135.0	-82.7
14359.000000	-43.29	-13.00	30.29	100.0	V	45.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

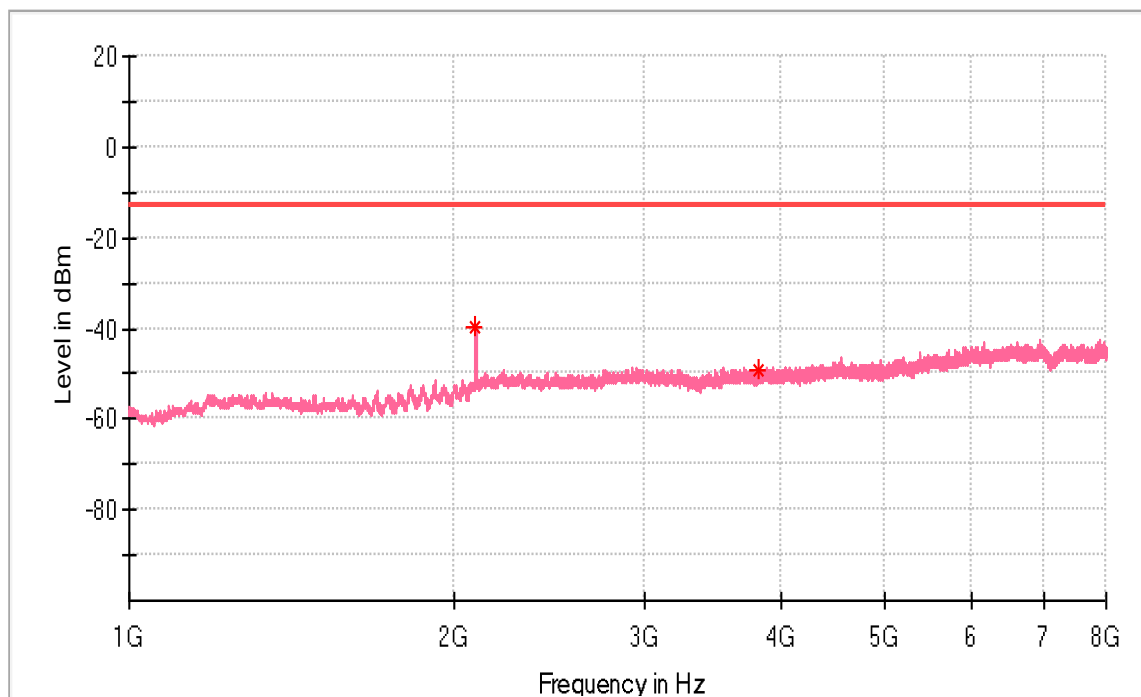


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2091.500000	-40.23	-13.00	27.23	100.0	H	64.0	-88.7
3819.000000	-49.86	-13.00	36.86	100.0	H	207.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

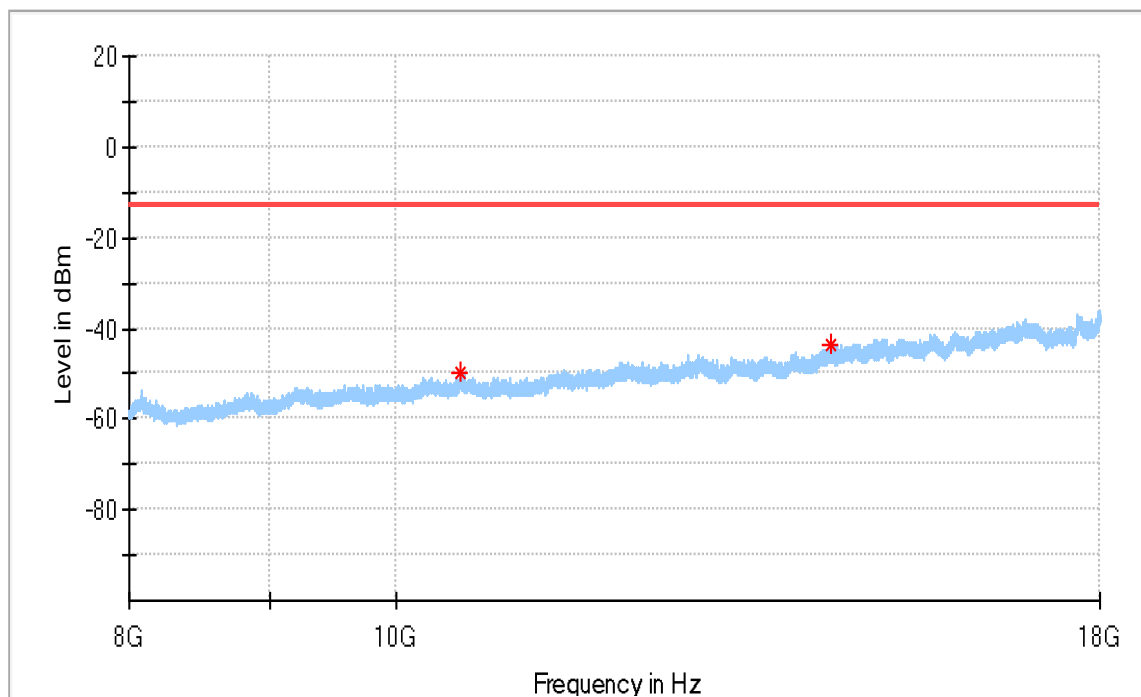


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2091.500000	-39.53	-13.00	26.53	100.0	V	0.0	-88.7
3822.500000	-49.42	-13.00	36.42	100.0	V	174.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

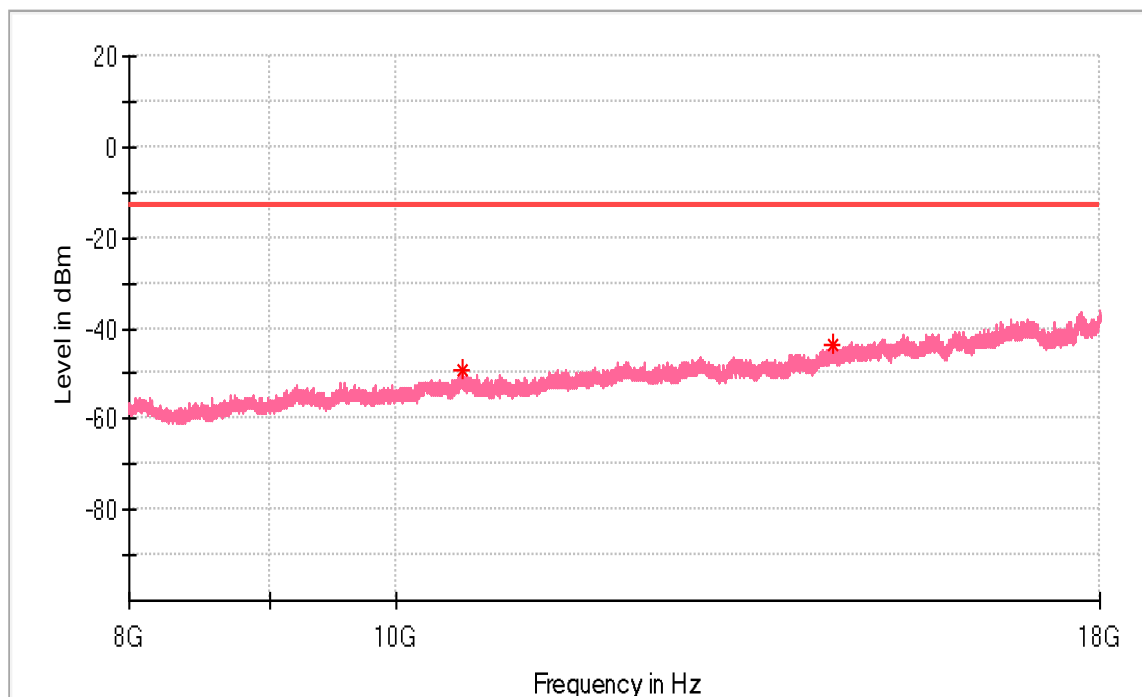


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10545.500000	-49.76	-13.00	36.76	100.0	H	13.0	-82.4
14364.500000	-43.80	-13.00	30.80	100.0	H	116.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

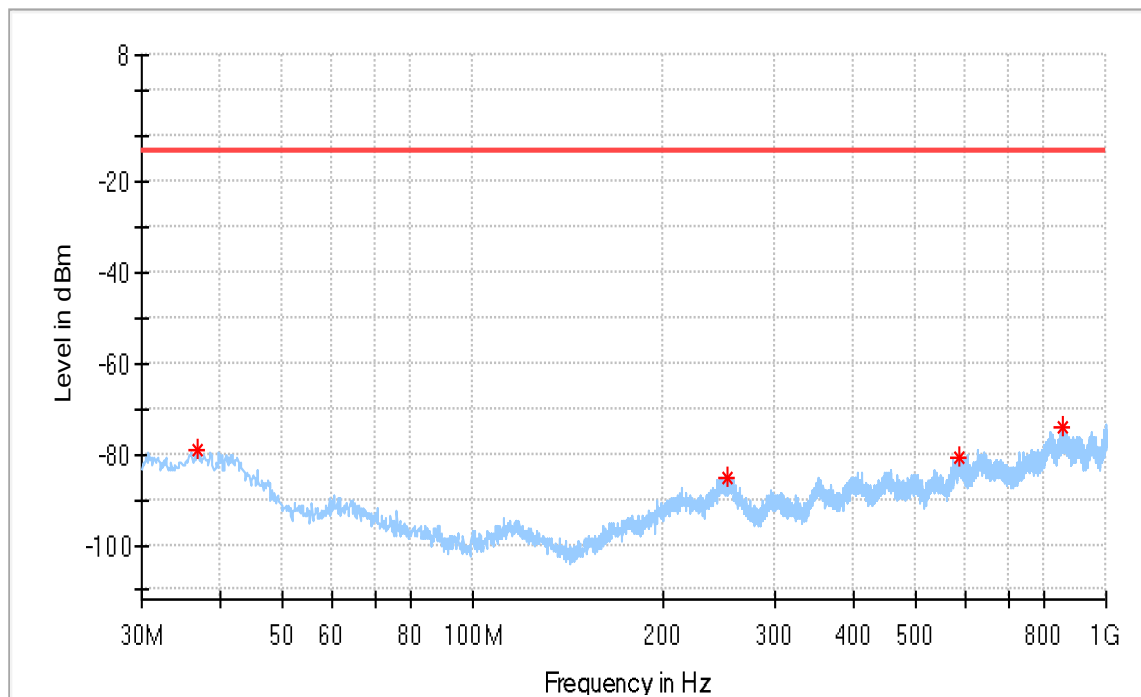
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10562.000000	-49.29	-13.00	36.29	100.0	V	329.0	-82.3
14404.000000	-43.77	-13.00	30.77	100.0	V	188.0	-77.3

APPENDIX K.2: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 4

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

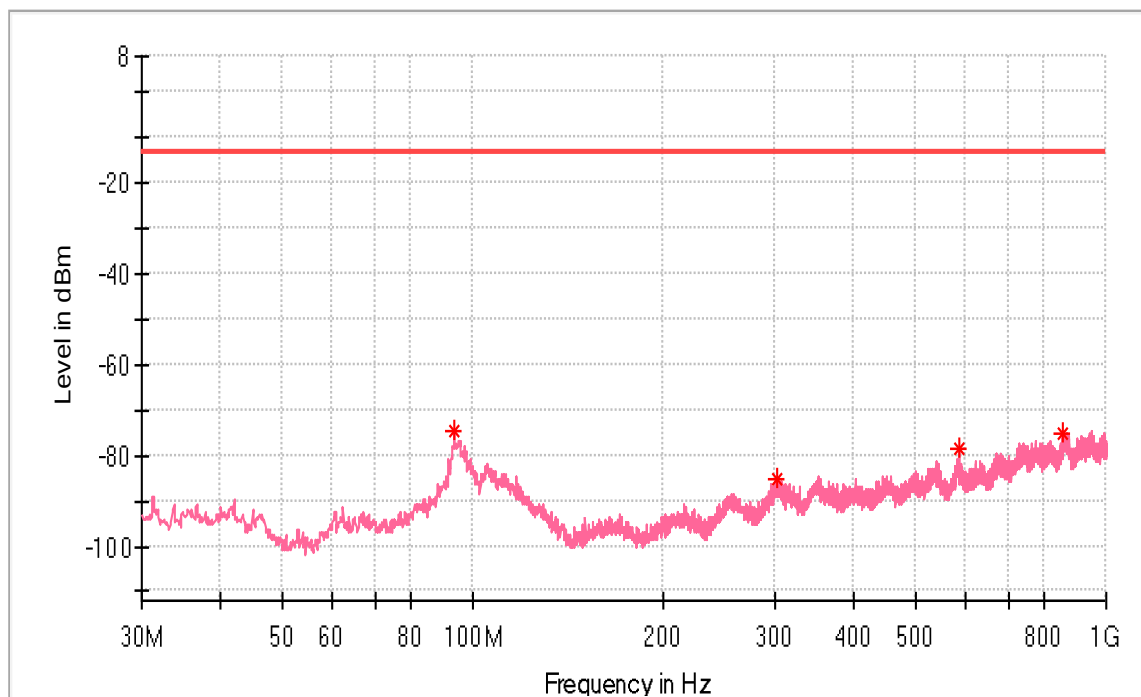


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.668750	-79.15	-13.00	66.15	100.0	H	223.0	-113.4
251.402500	-84.97	-13.00	71.97	100.0	H	23.0	-110.3
585.931250	-80.52	-13.00	67.52	100.0	H	1.0	-105.9
855.712500	-73.96	-13.00	60.96	100.0	H	120.0	-99.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



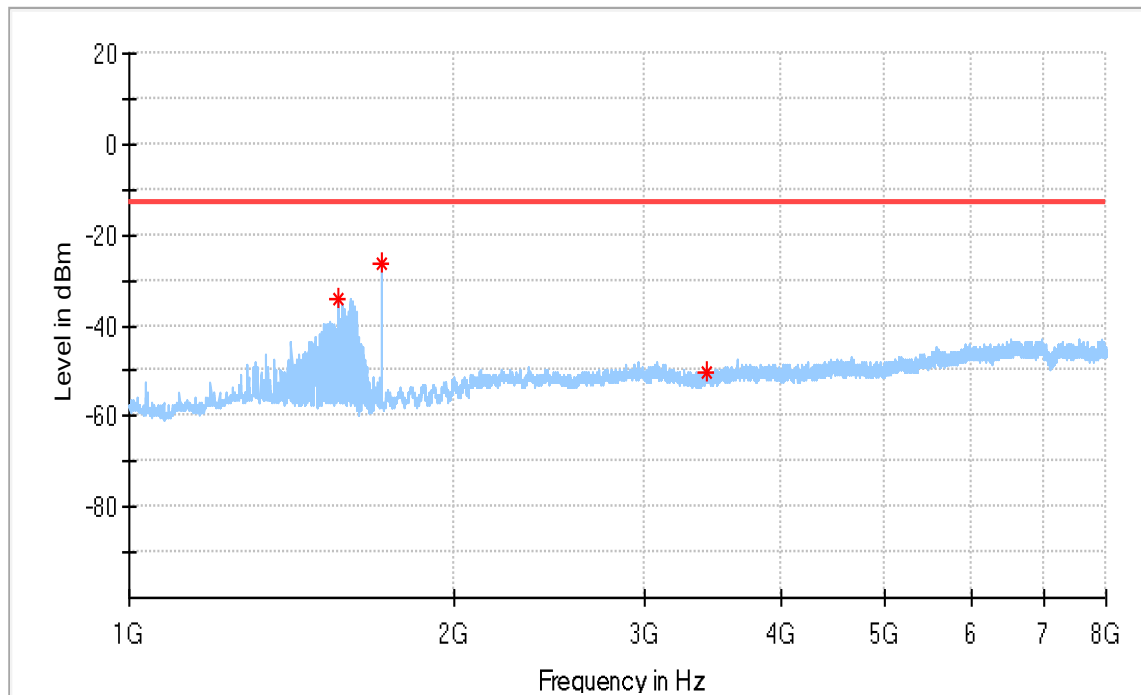
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.535000	-74.35	-13.00	61.35	100.0	V	86.0	-101.0
302.085000	-85.30	-13.00	72.30	100.0	V	148.0	-111.0
585.567500	-78.47	-13.00	65.47	100.0	V	103.0	-106.5
852.560000	-75.33	-13.00	62.33	100.0	V	0.0	-101.0

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

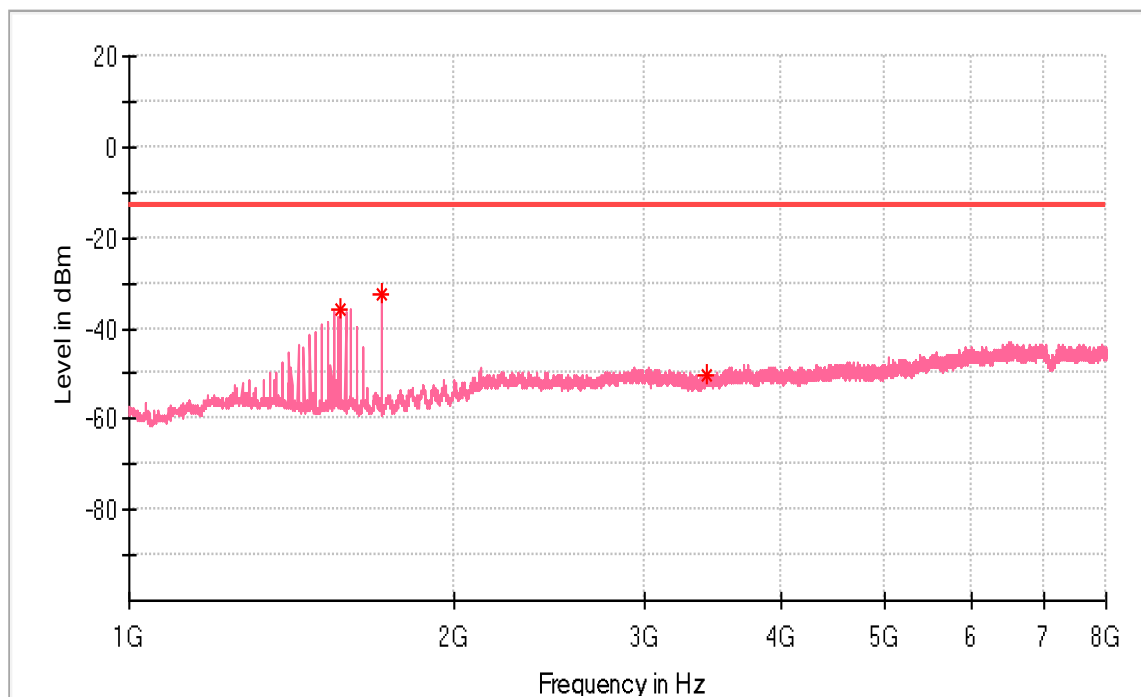


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.000000	-34.00	-13.00	21.00	100.0	H	305.0	-93.0
1710.000000	-26.50	-13.00	13.50	100.0	H	75.0	-92.1
3420.000000	-50.19	-13.00	37.19	100.0	H	311.0	-87.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

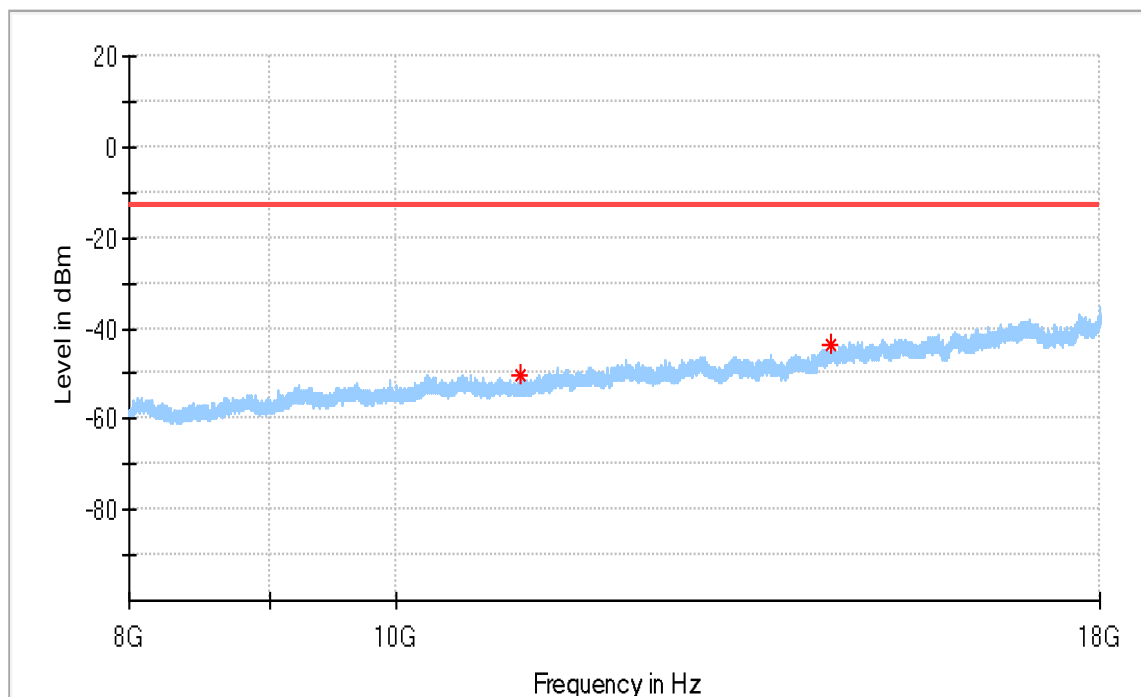


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1566.000000	-35.71	-13.00	22.71	100.0	V	0.0	-93.0
1710.000000	-32.64	-13.00	19.64	100.0	V	0.0	-91.9
3421.000000	-50.45	-13.00	37.45	100.0	V	239.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

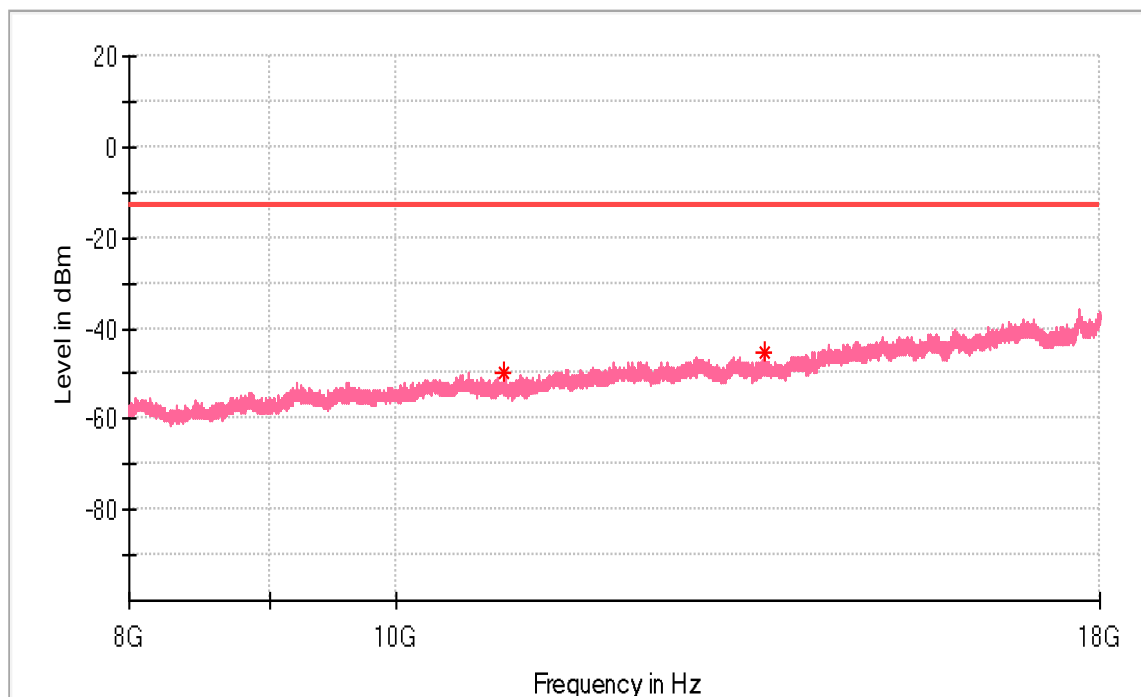


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11088.000000	-50.29	-13.00	37.29	100.0	H	0.0	-83.1
14370.500000	-43.66	-13.00	30.66	100.0	H	204.0	-77.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

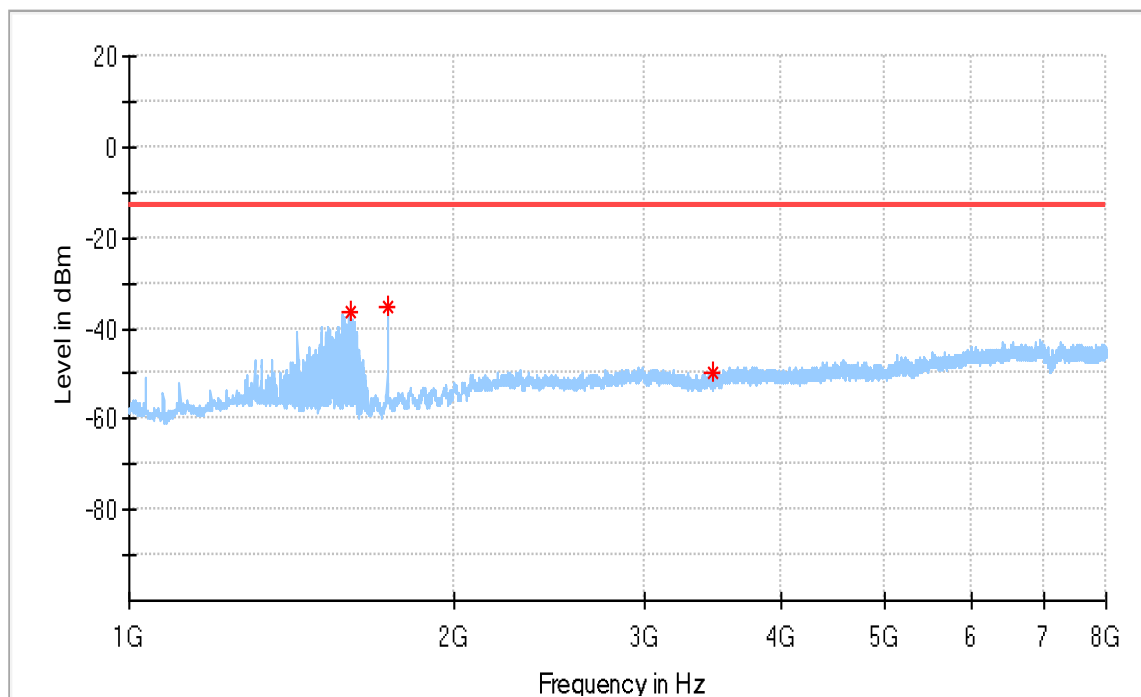


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10931.000000	-49.76	-13.00	36.76	100.0	V	254.0	-83.1
13612.000000	-45.34	-13.00	32.34	100.0	V	196.0	-79.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

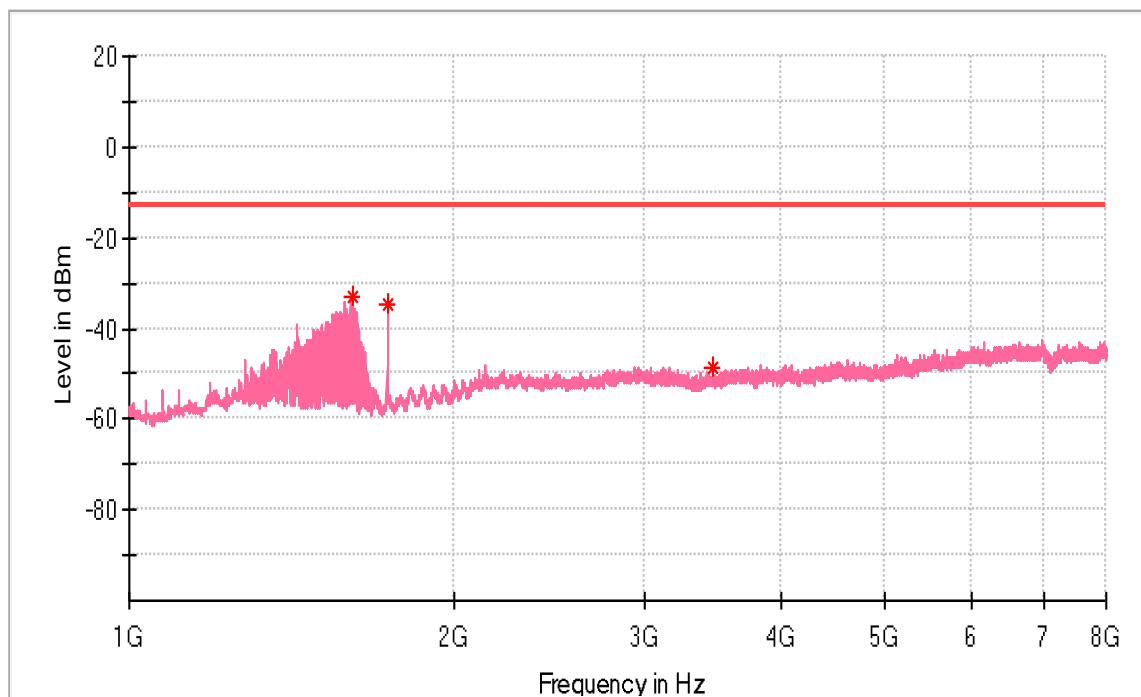


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1605.000000	-36.25	-13.00	23.25	100.0	H	109.0	-92.9
1732.000000	-35.03	-13.00	22.03	100.0	H	124.0	-91.4
3464.000000	-49.99	-13.00	36.99	100.0	H	43.0	-88.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

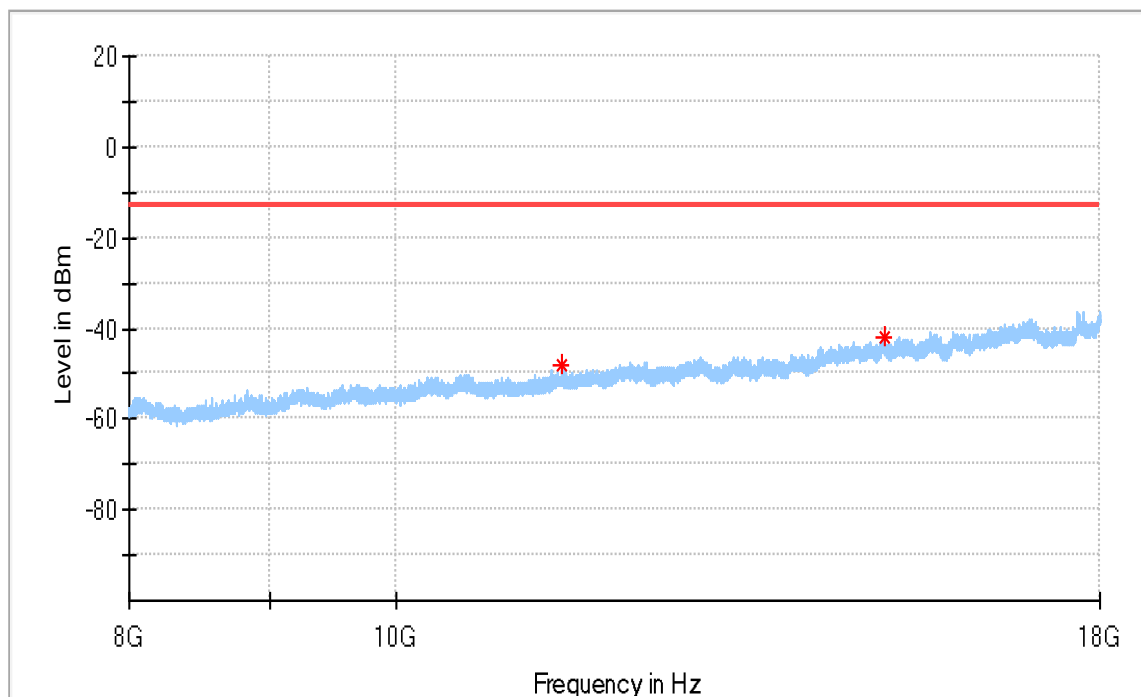


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1607.500000	-33.25	-13.00	20.25	100.0	V	70.0	-93.0
1732.000000	-34.68	-13.00	21.68	100.0	V	56.0	-91.6
3464.500000	-48.81	-13.00	35.81	100.0	V	0.0	-87.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

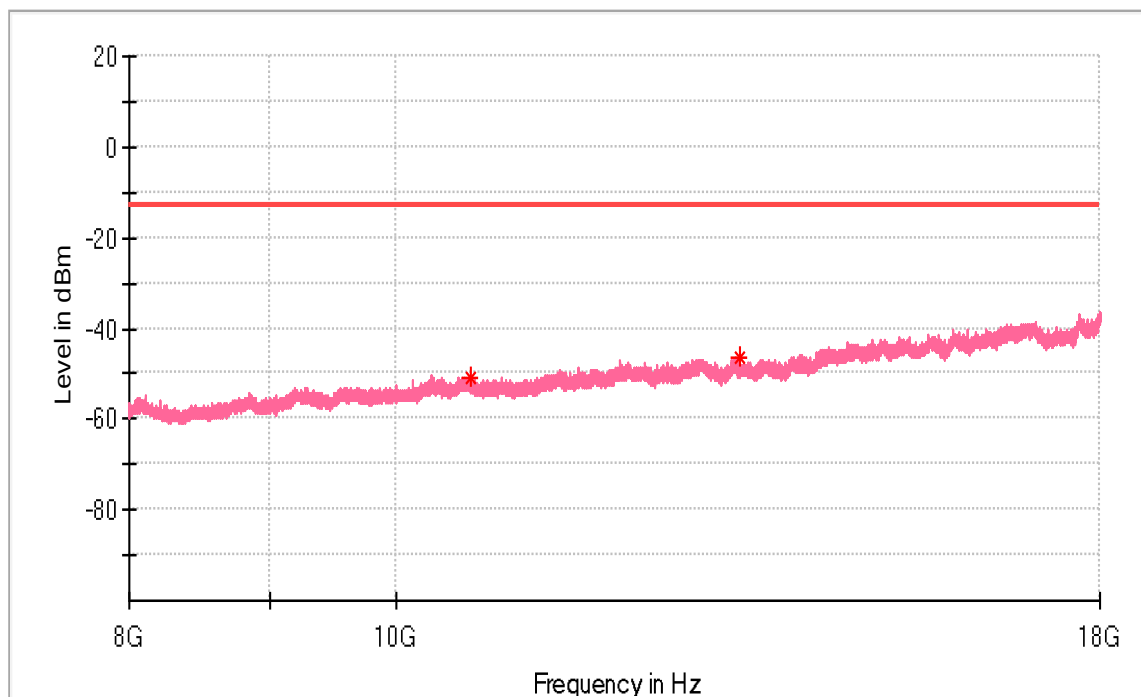


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11476.500000	-47.98	-13.00	34.98	100.0	H	115.0	-81.0
15040.000000	-42.21	-13.00	29.21	100.0	H	45.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

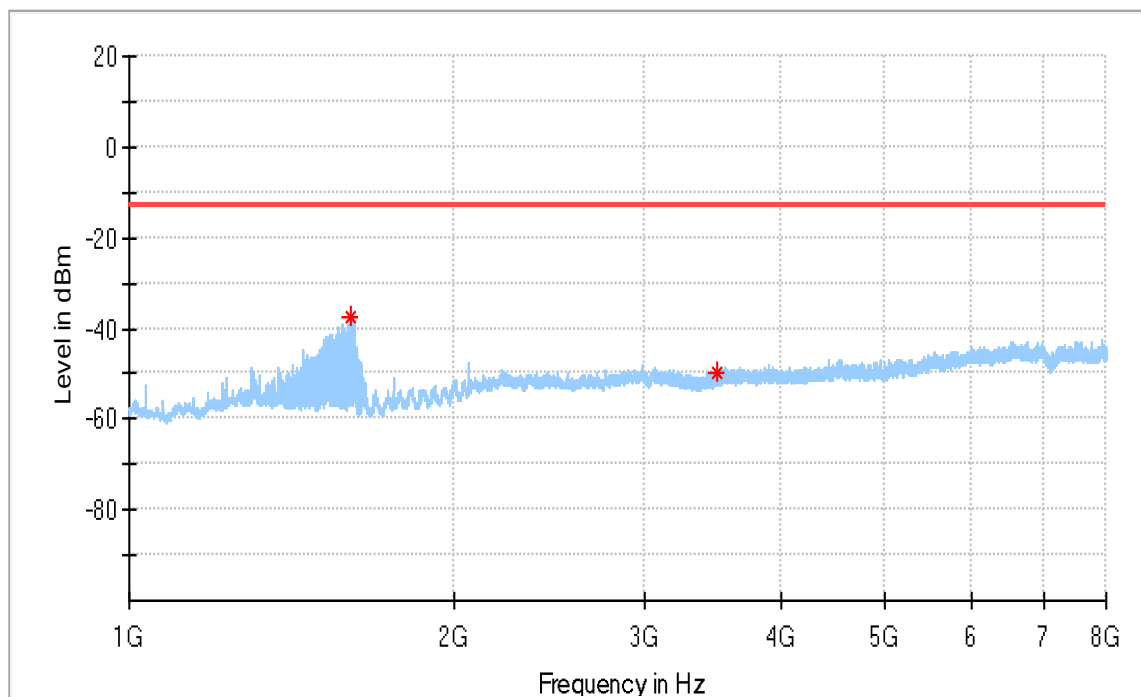


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10644.500000	-50.71	-13.00	37.71	100.0	V	45.0	-83.4
13317.000000	-46.52	-13.00	33.52	100.0	V	34.0	-80.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

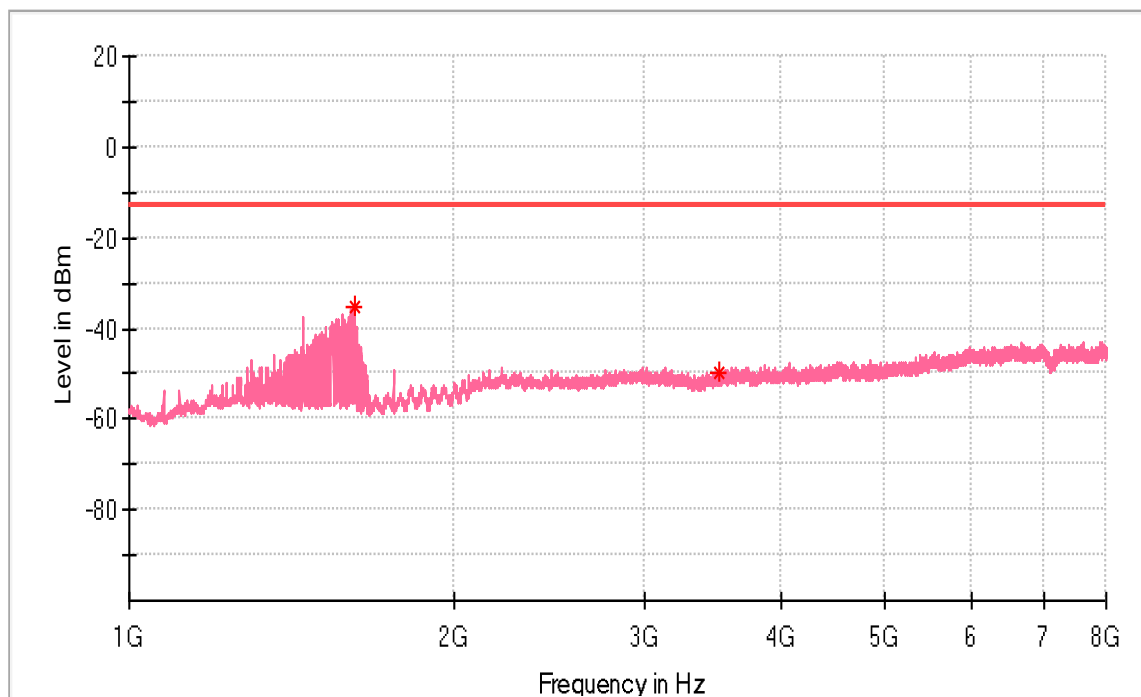


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-37.71	-13.00	24.71	100.0	H	102.0	-92.8
3501.500000	-49.75	-13.00	36.75	100.0	H	294.0	-87.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

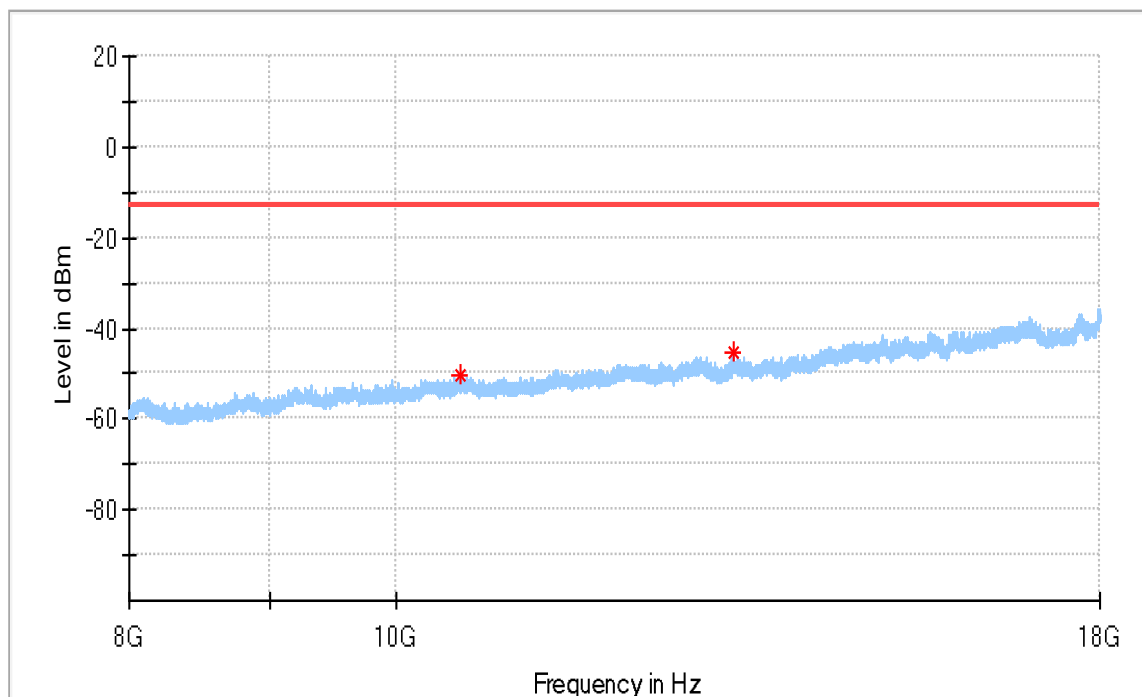


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1614.500000	-34.99	-13.00	21.99	100.0	V	72.0	-93.0
3509.000000	-49.66	-13.00	36.66	100.0	V	321.0	-87.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

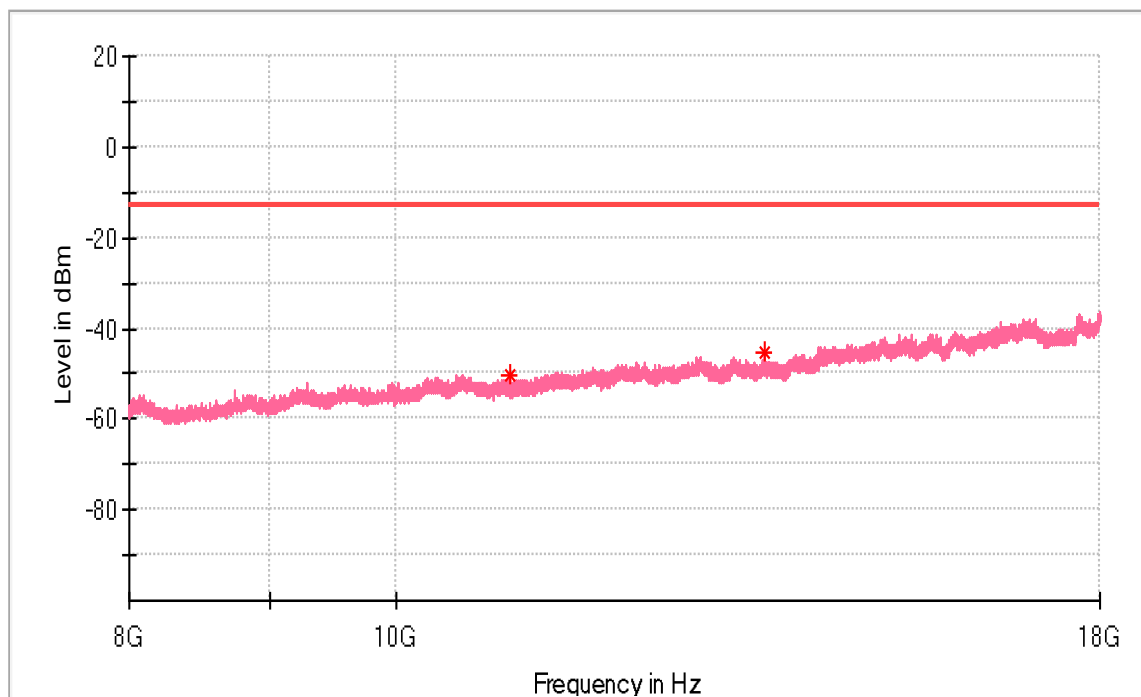


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10558.500000	-50.12	-13.00	37.12	100.0	H	71.0	-82.4
13248.500000	-45.17	-13.00	32.17	100.0	H	355.0	-79.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



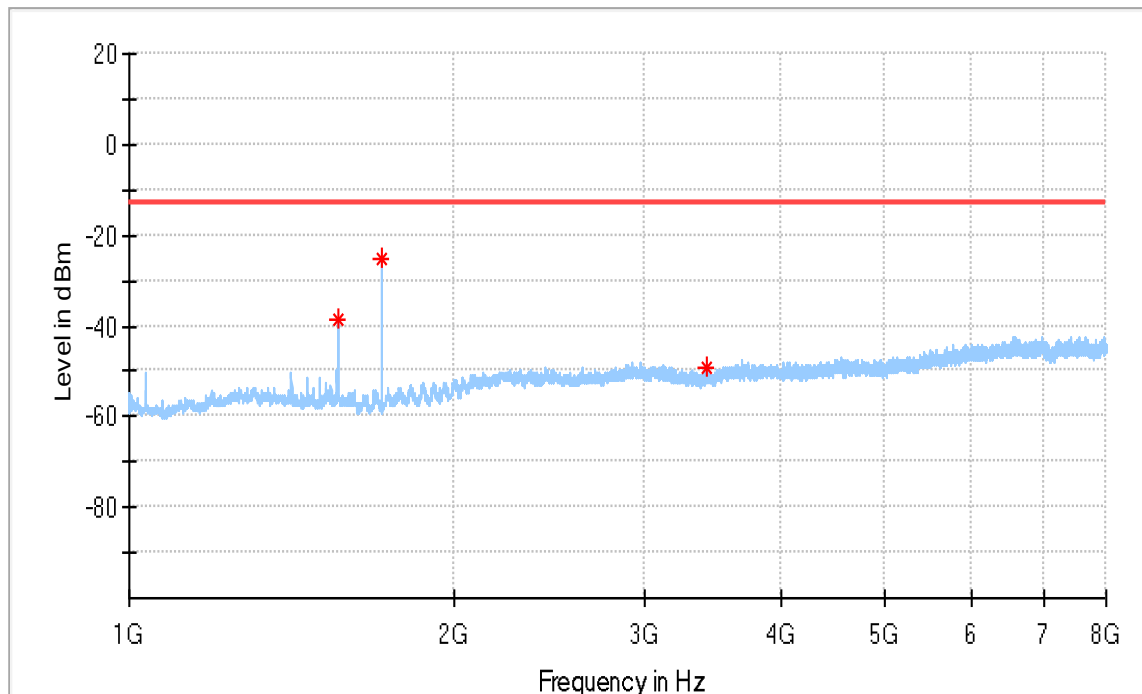
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10995.000000	-50.33	-13.00	37.33	100.0	V	174.0	-83.4
13595.500000	-45.54	-13.00	32.54	100.0	V	152.0	-79.7

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

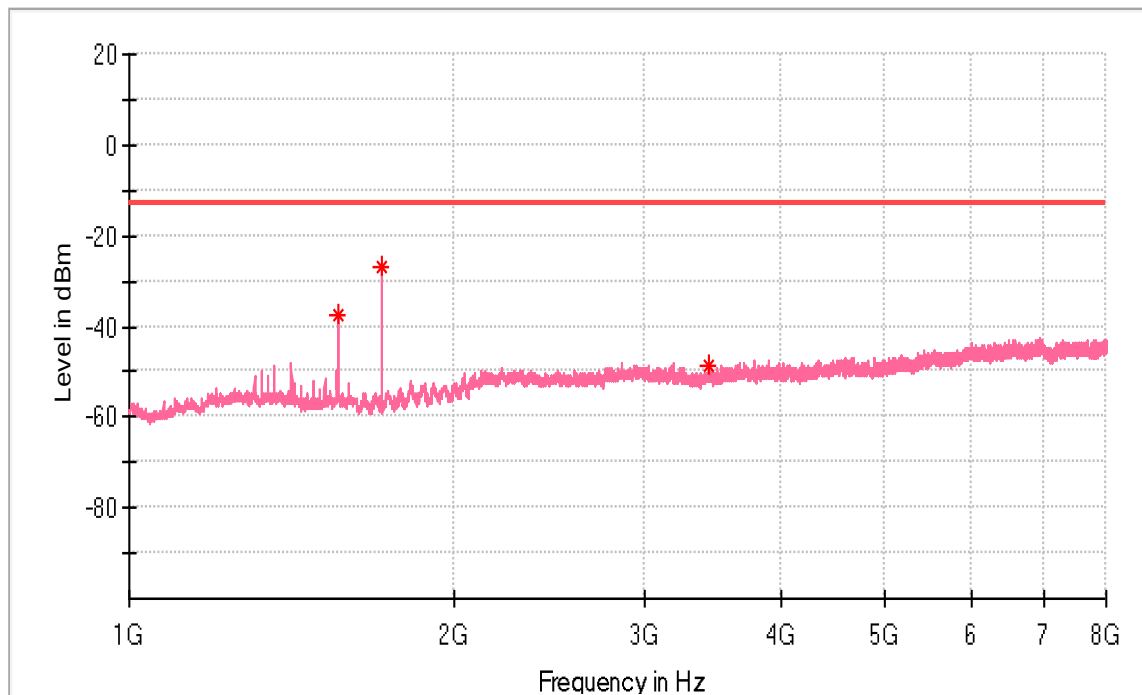


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-38.85	-13.00	25.85	100.0	H	111.0	-93.0
1710.000000	-25.44	-13.00	12.44	100.0	H	64.0	-92.1
3420.000000	-48.98	-13.00	35.98	100.0	H	83.0	-87.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

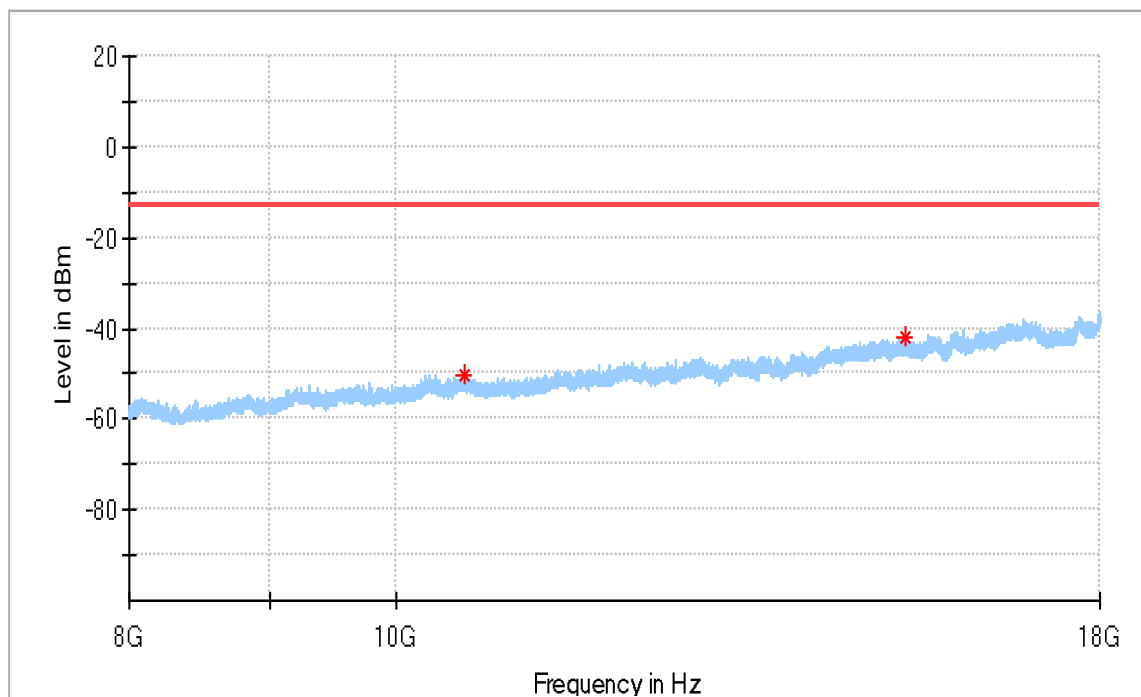


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-37.66	-13.00	24.66	100.0	V	0.0	-93.0
1710.000000	-26.89	-13.00	13.89	100.0	V	16.0	-91.9
3432.000000	-48.92	-13.00	35.92	100.0	V	346.0	-87.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

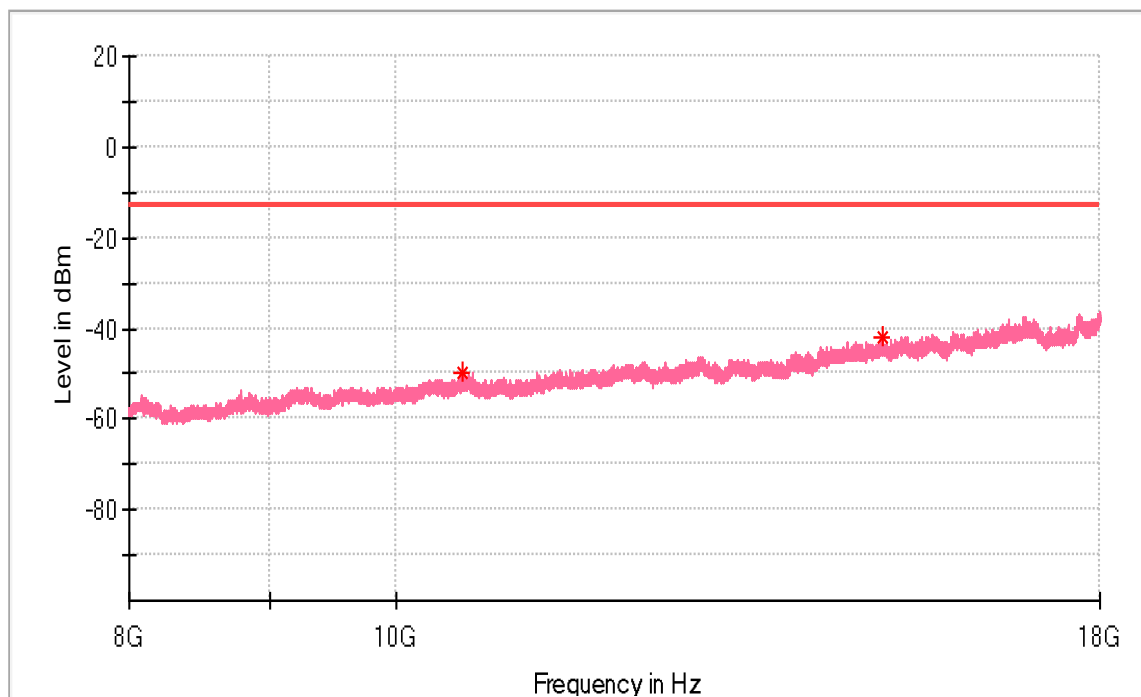


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10579.500000	-50.47	-13.00	37.47	100.0	H	121.0	-82.6
15304.500000	-42.11	-13.00	29.11	100.0	H	58.0	-77.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

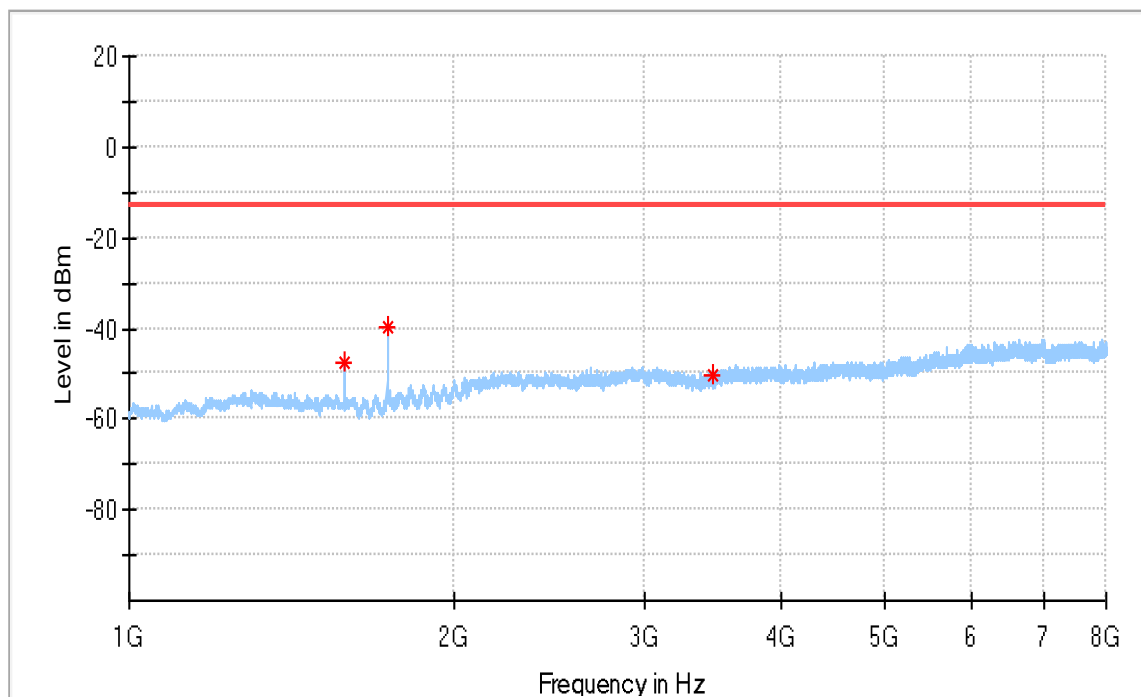


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10573.500000	-49.50	-13.00	36.50	100.0	V	339.0	-82.4
15008.500000	-42.08	-13.00	29.08	100.0	V	274.0	-77.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

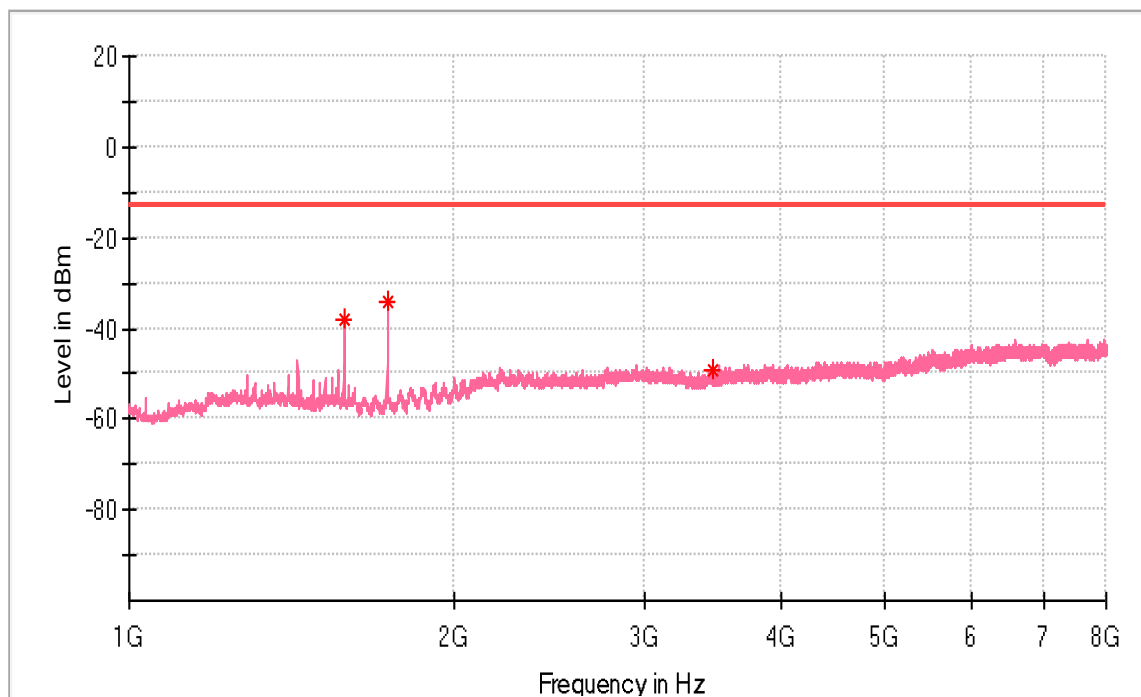


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-47.28	-13.00	34.28	100.0	H	0.0	-92.9
1732.500000	-39.51	-13.00	26.51	100.0	H	19.0	-91.4
3462.500000	-50.59	-13.00	37.59	100.0	H	227.0	-88.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

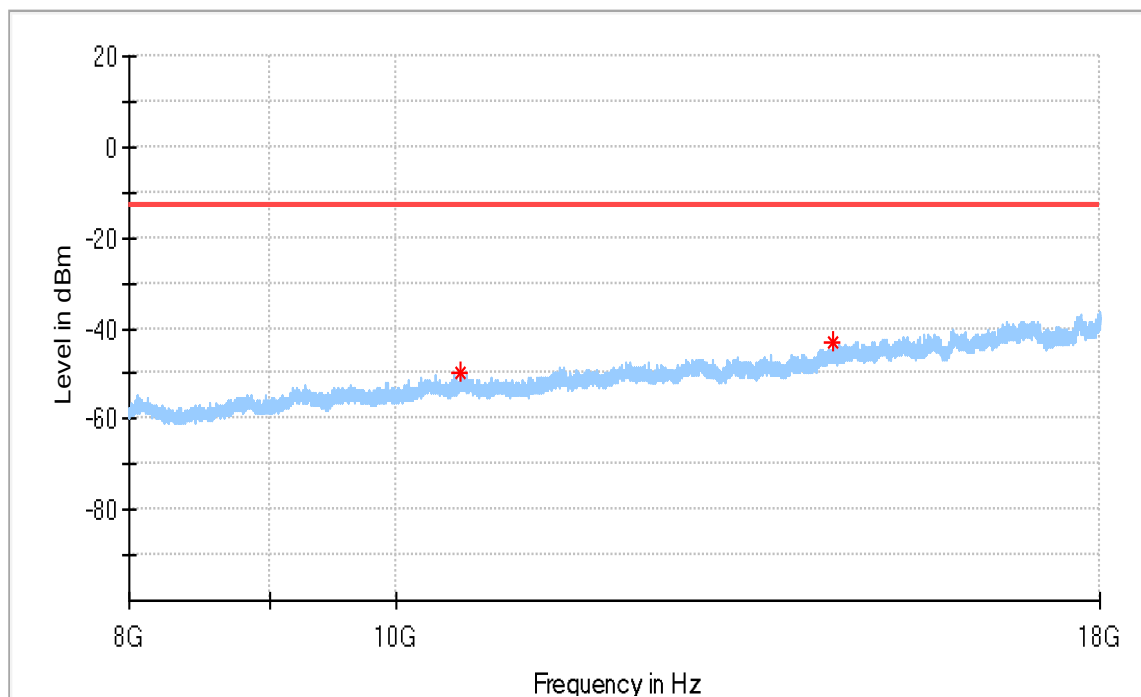


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-38.02	-13.00	25.02	100.0	V	295.0	-93.0
1732.500000	-34.28	-13.00	21.28	100.0	V	34.0	-91.6
3464.000000	-49.41	-13.00	36.41	100.0	V	6.0	-87.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

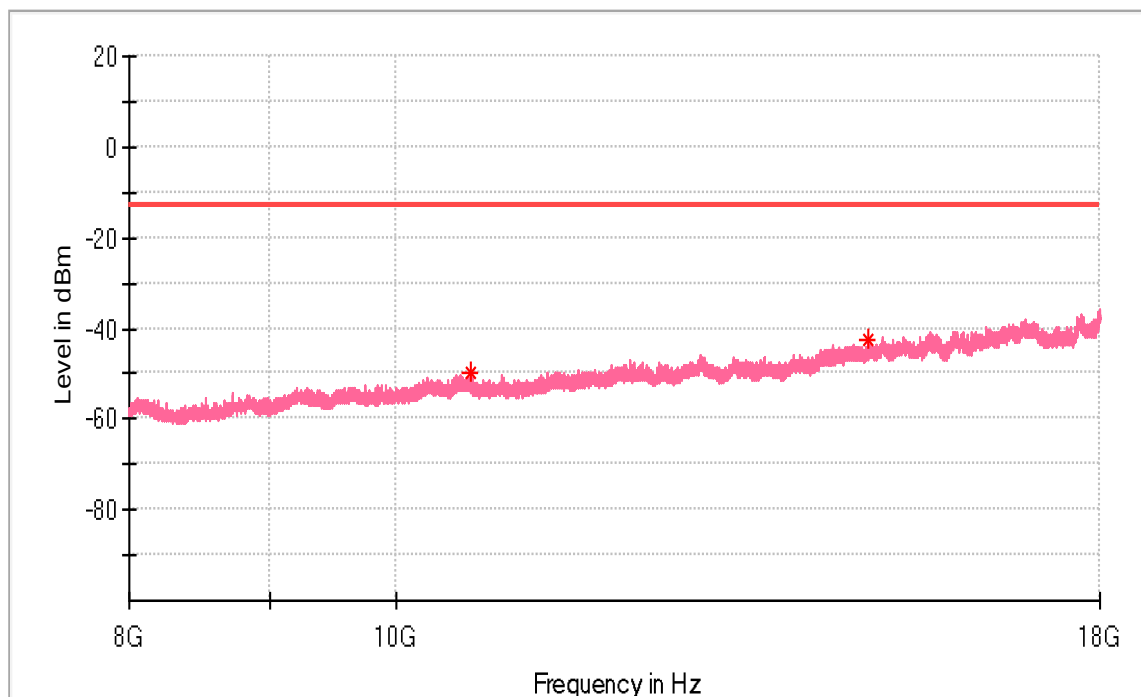


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10545.500000	-50.02	-13.00	37.02	100.0	H	240.0	-82.4
14389.500000	-43.20	-13.00	30.20	100.0	H	66.0	-77.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

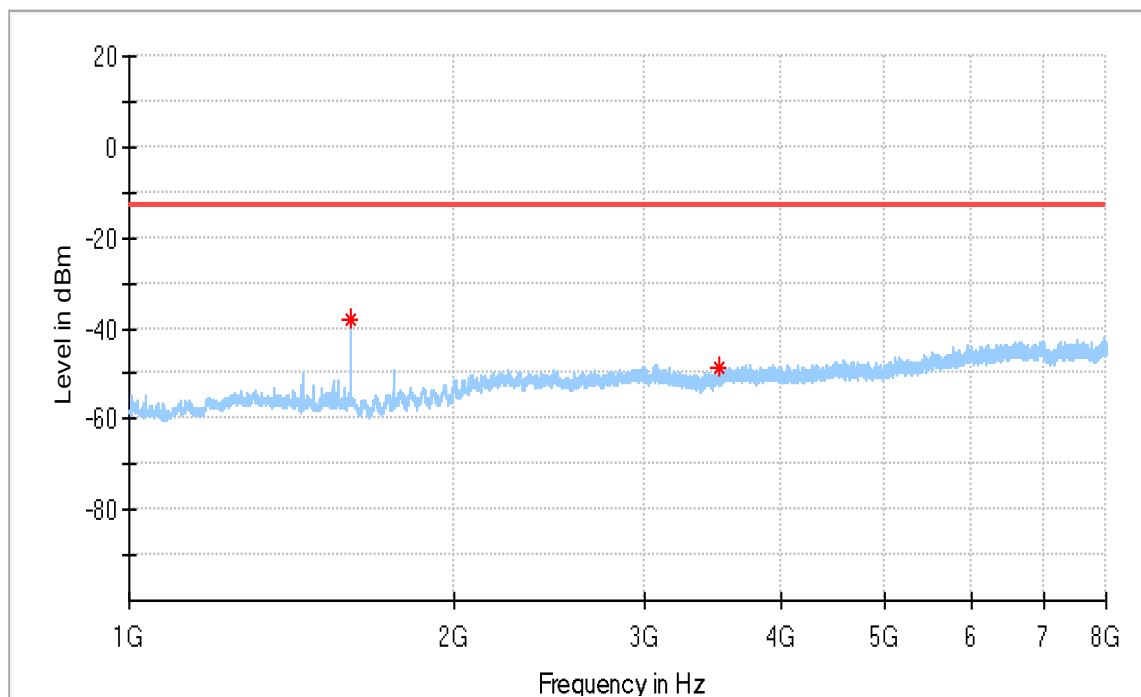


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10641.000000	-50.04	-13.00	37.04	100.0	V	214.0	-83.3
14822.500000	-42.34	-13.00	29.34	100.0	V	81.0	-77.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

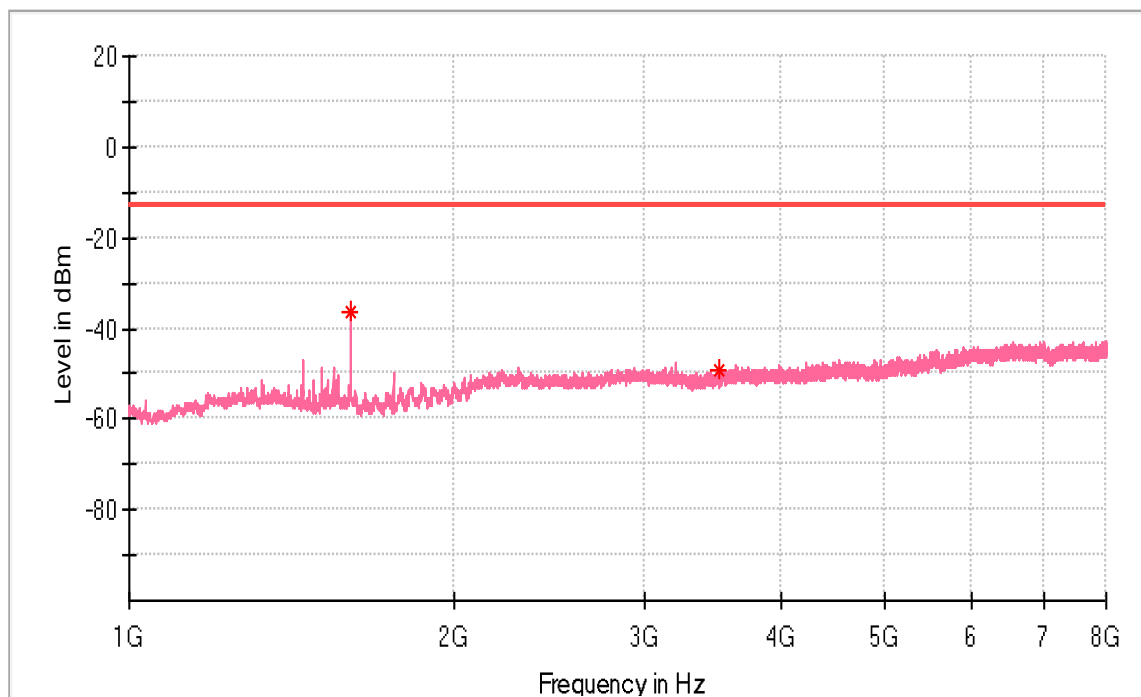


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-37.97	-13.00	24.97	100.0	H	133.0	-92.8
3504.500000	-48.72	-13.00	35.72	100.0	H	89.0	-87.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

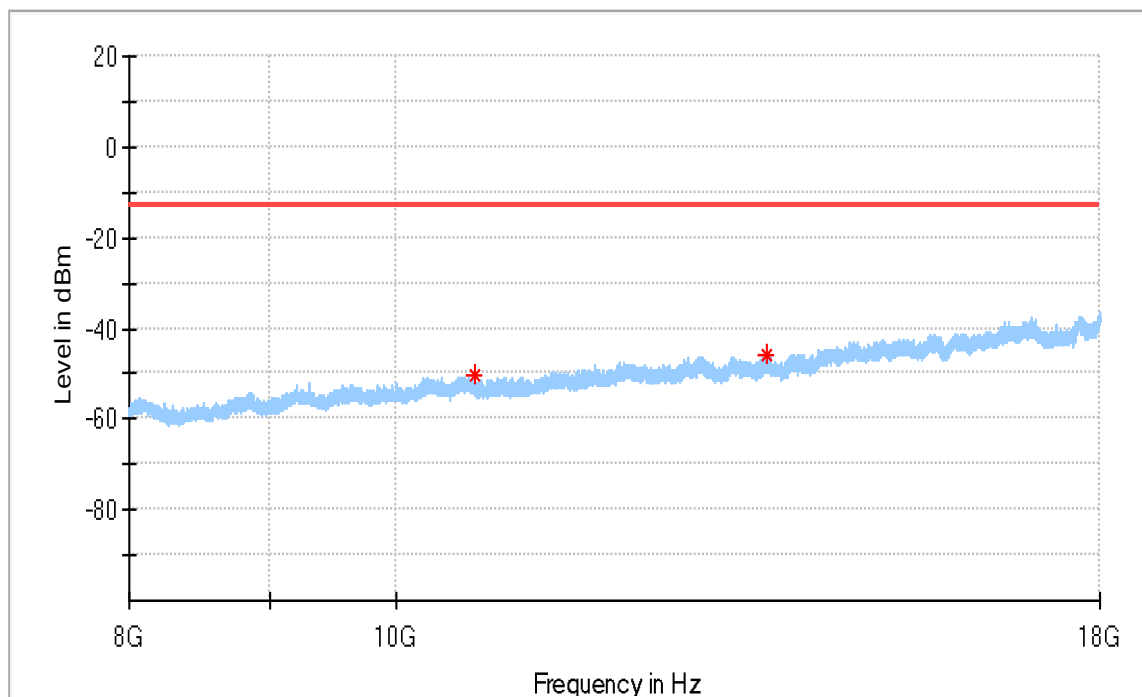


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-36.21	-13.00	23.21	100.0	V	78.0	-92.9
3509.000000	-49.19	-13.00	36.19	100.0	V	113.0	-87.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

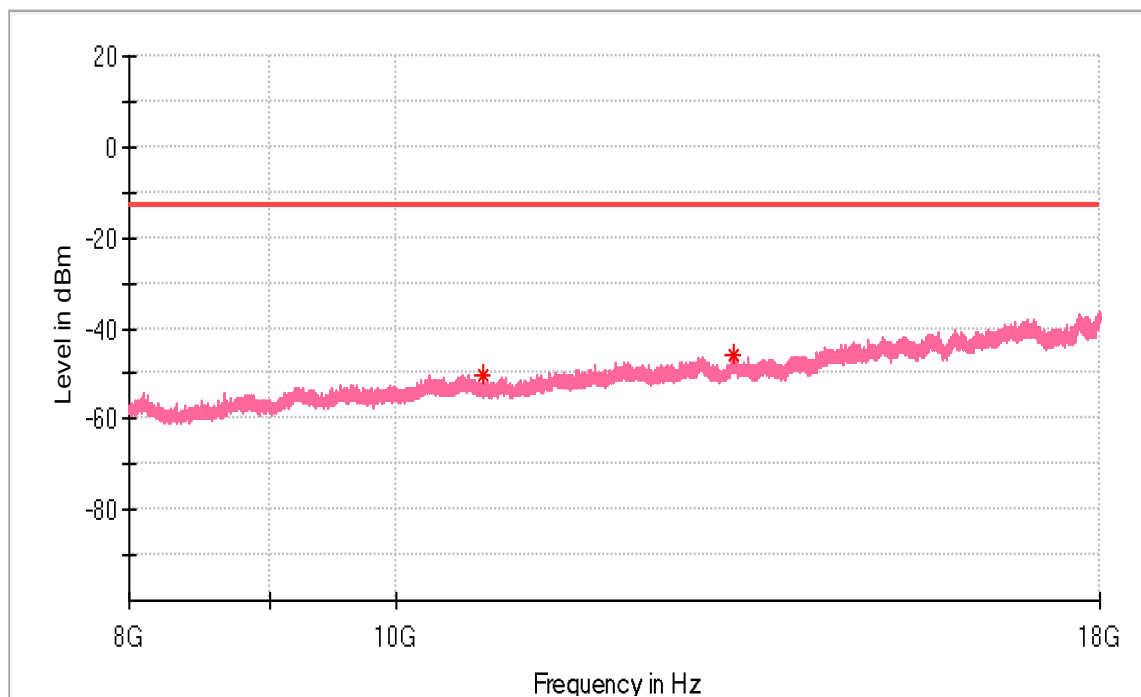


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10684.000000	-50.55	-13.00	37.55	100.0	H	322.0	-83.8
13624.000000	-45.81	-13.00	32.81	100.0	H	59.0	-79.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

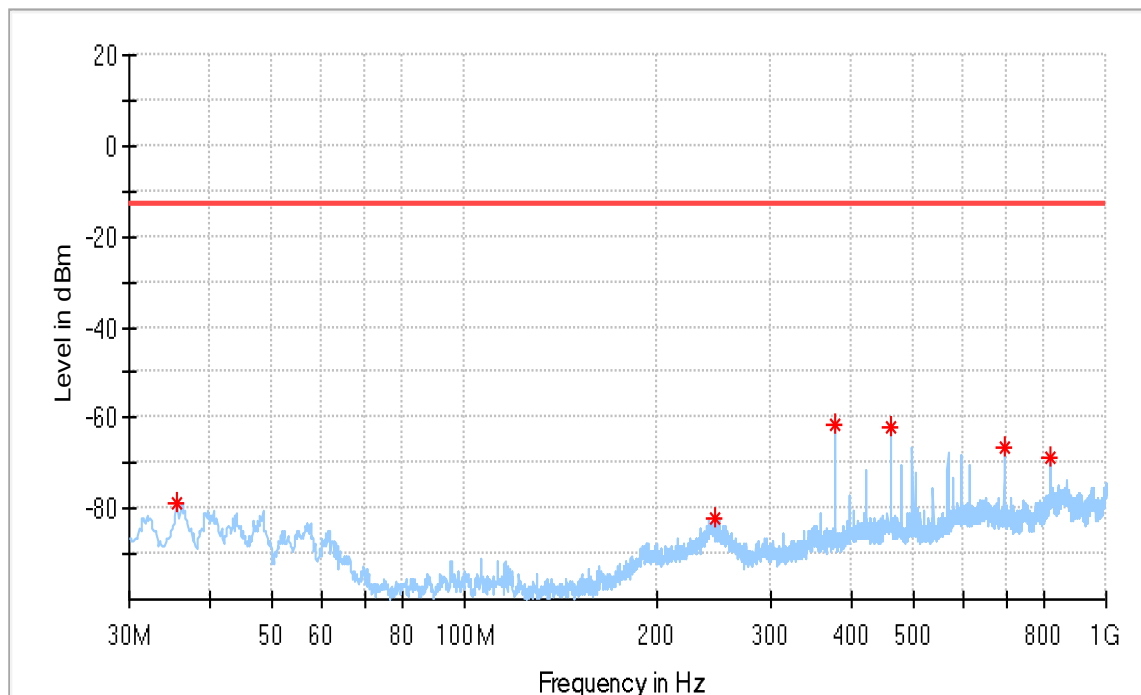
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10744.500000	-50.37	-13.00	37.37	100.0	V	42.0	-83.4
13252.500000	-45.75	-13.00	32.75	100.0	V	81.0	-79.5

APPENDIX K.3: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 5

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

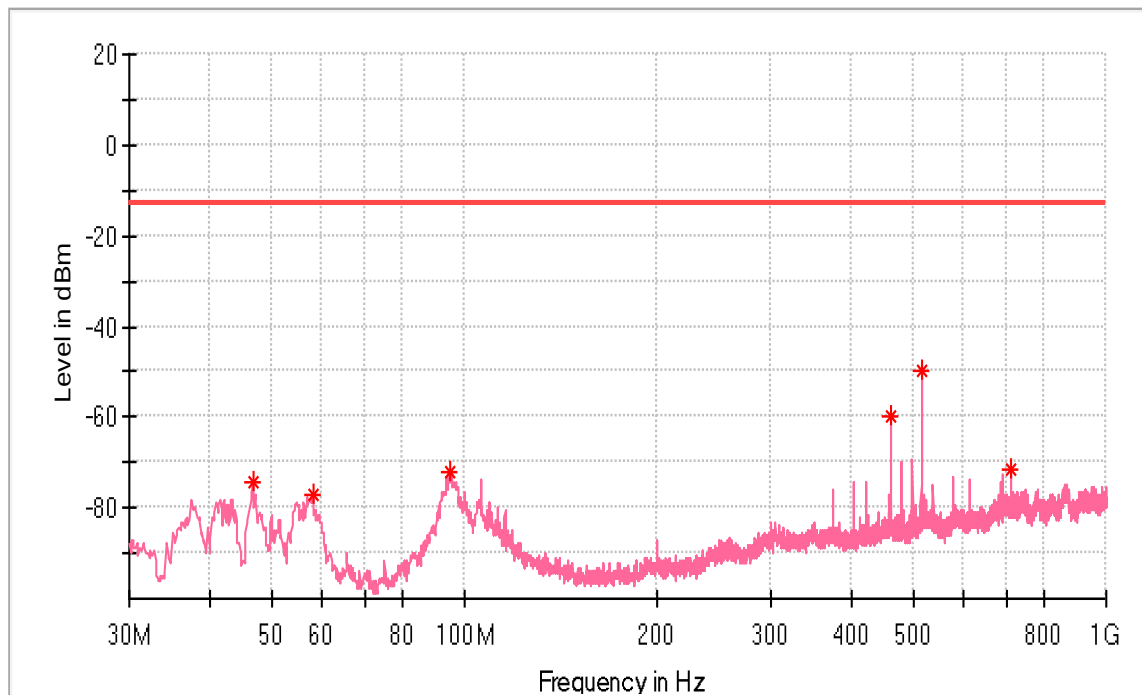


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.577500	-78.77	-13.00	65.77	100.0	H	61.0	-114.0
245.582500	-81.95	-13.00	68.95	100.0	H	68.0	-110.0
377.987500	-61.33	-13.00	48.33	100.0	H	250.0	-111.7
460.801250	-61.83	-13.00	48.83	100.0	H	242.0	-108.5
692.510000	-66.28	-13.00	53.28	100.0	H	123.0	-106.0
818.610000	-68.58	-13.00	55.58	100.0	H	242.0	-100.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



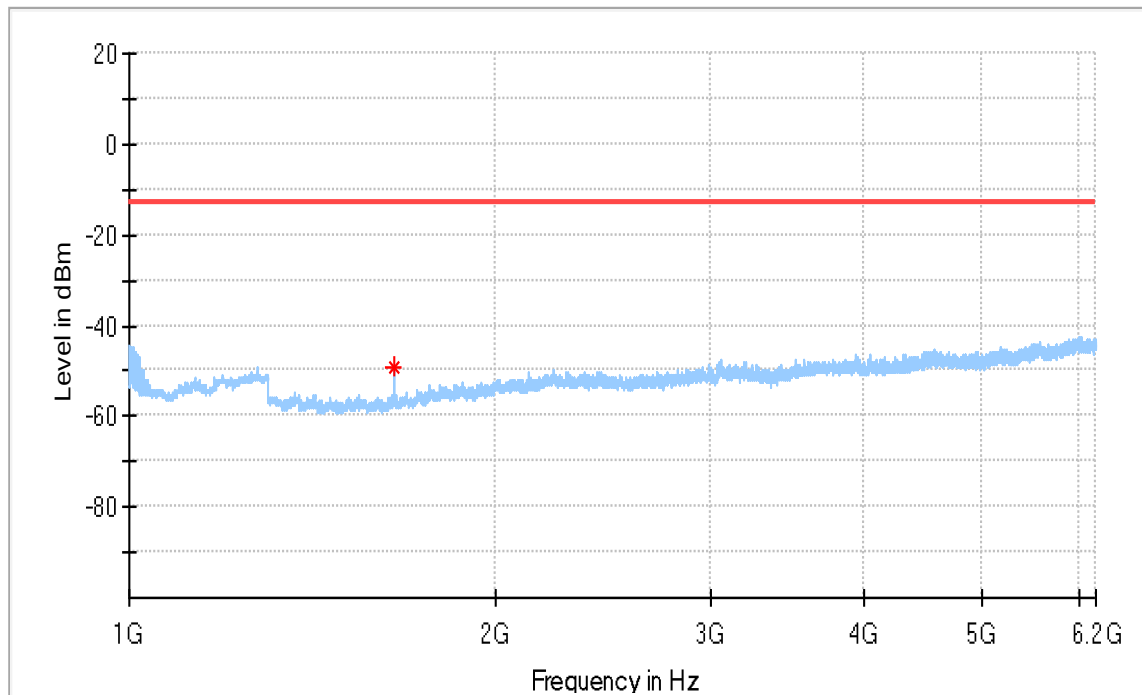
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.732500	-74.49	-13.00	61.49	100.0	V	144.0	-122.4
58.008750	-77.28	-13.00	64.28	100.0	V	214.0	-121.4
94.990000	-72.02	-13.00	59.02	100.0	V	330.0	-99.8
460.801250	-60.03	-13.00	47.03	100.0	V	52.0	-109.7
514.757500	-49.58	-13.00	36.58	100.0	V	3.0	-108.1
710.455000	-71.51	-13.00	58.51	100.0	V	136.0	-104.6

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

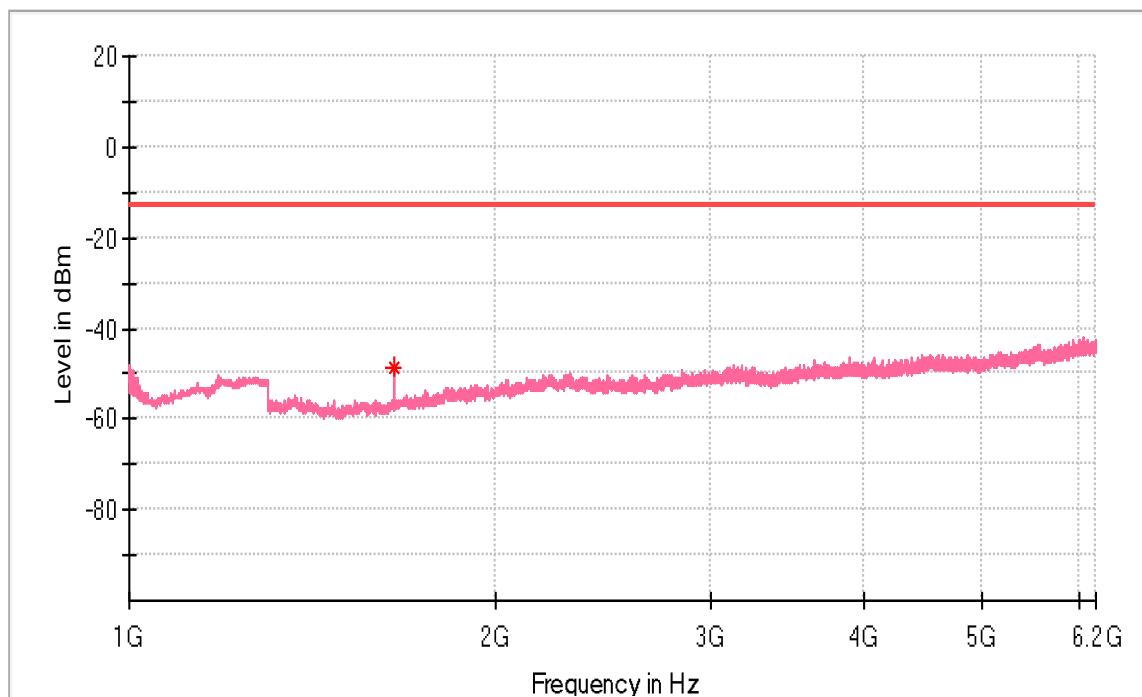


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-49.26	-13.00	36.26	100.0	H	346.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

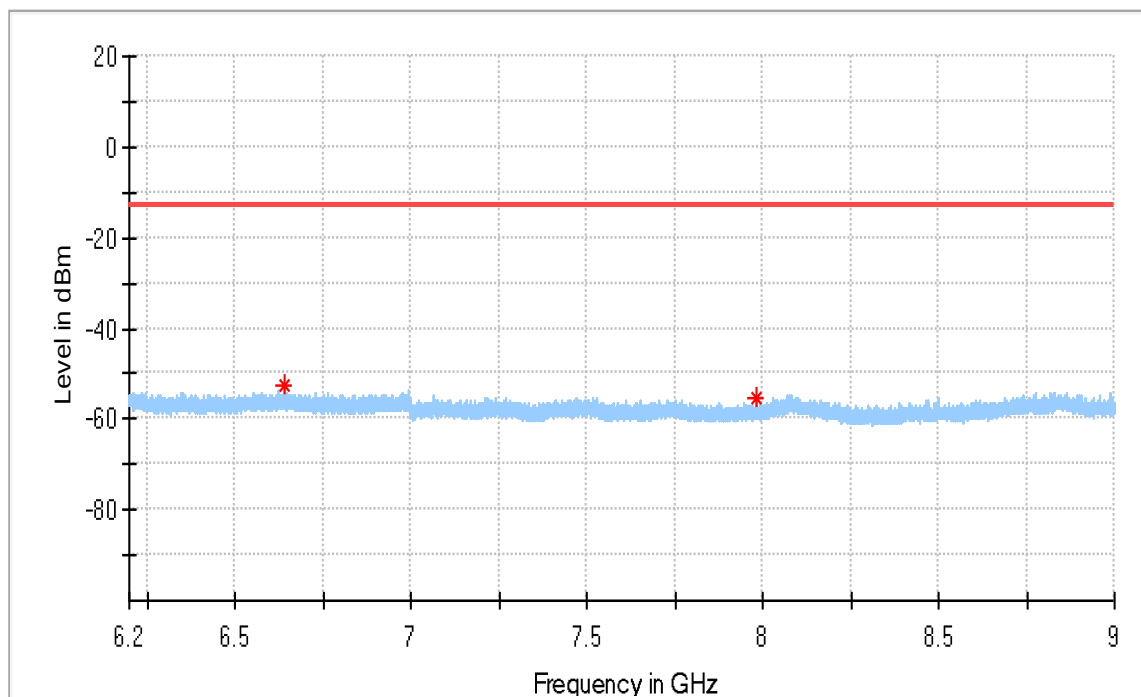


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-48.73	-13.00	35.73	100.0	V	0.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

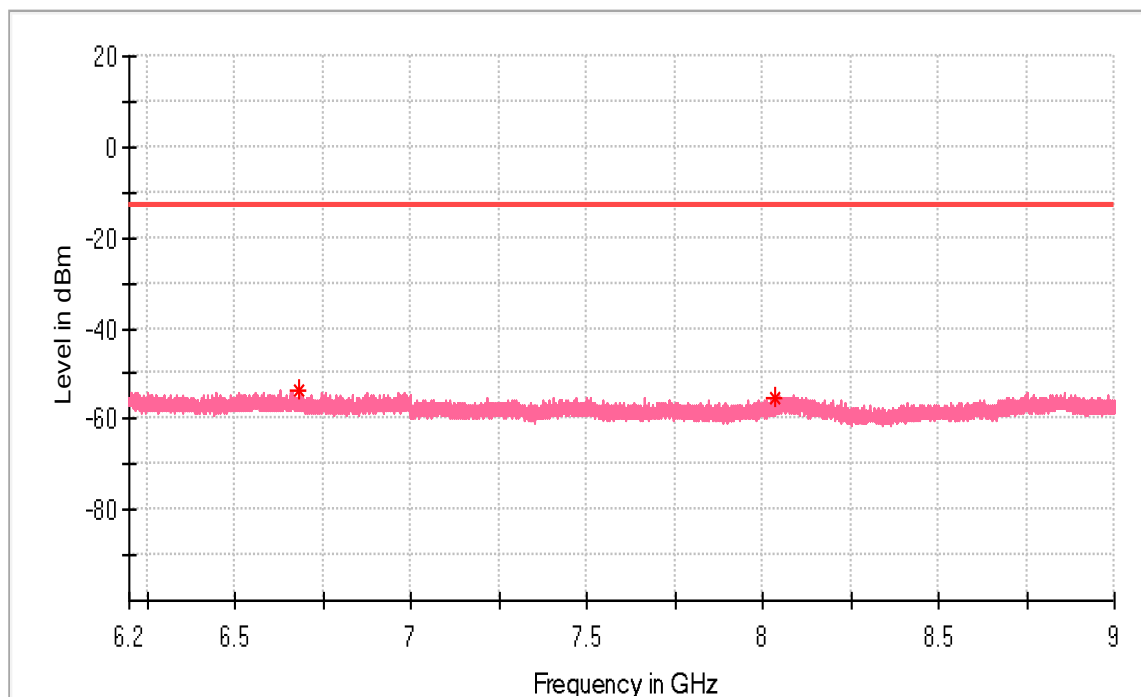


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6642.050000	-52.68	-13.00	39.68	100.0	H	36.0	-87.6
7983.366667	-55.55	-13.00	42.55	100.0	H	252.0	-87.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

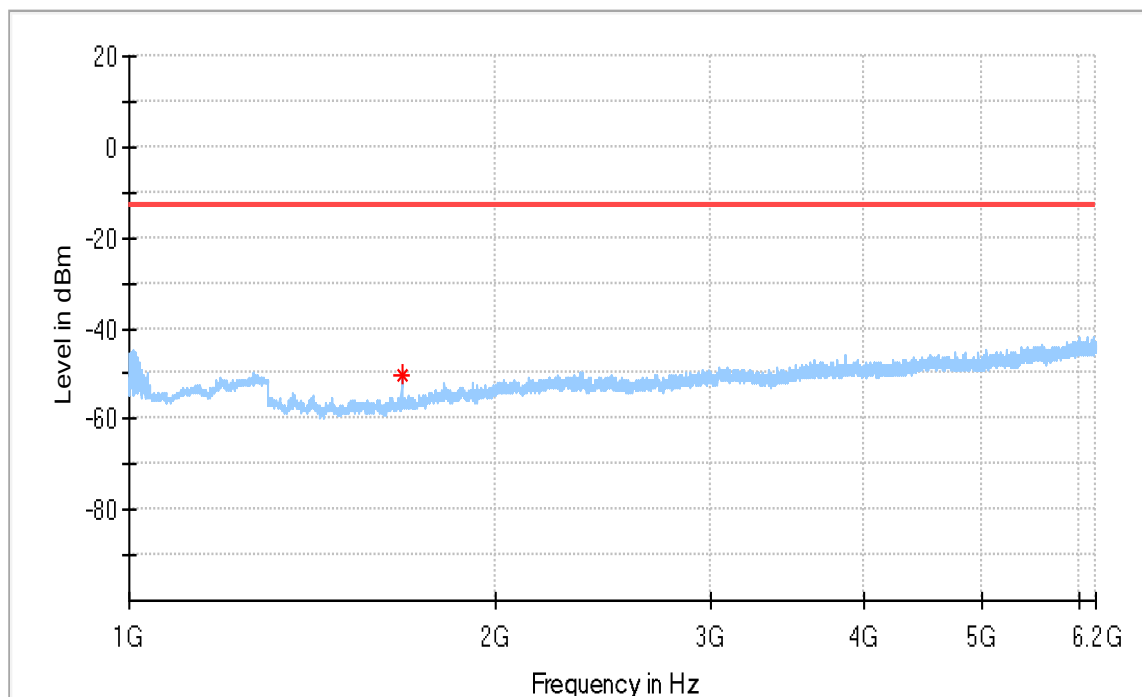


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6682.883333	-53.62	-13.00	40.62	100.0	V	254.0	-88.0
8037.850000	-55.12	-13.00	42.12	100.0	V	339.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

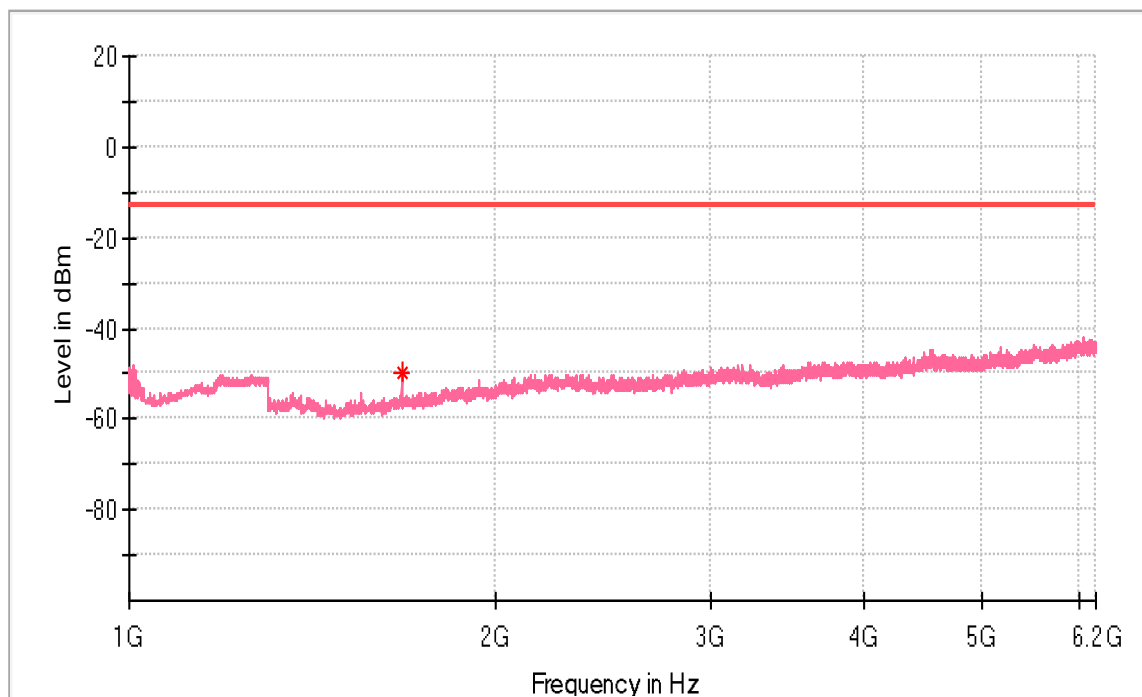


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-50.09	-13.00	37.09	100.0	H	341.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

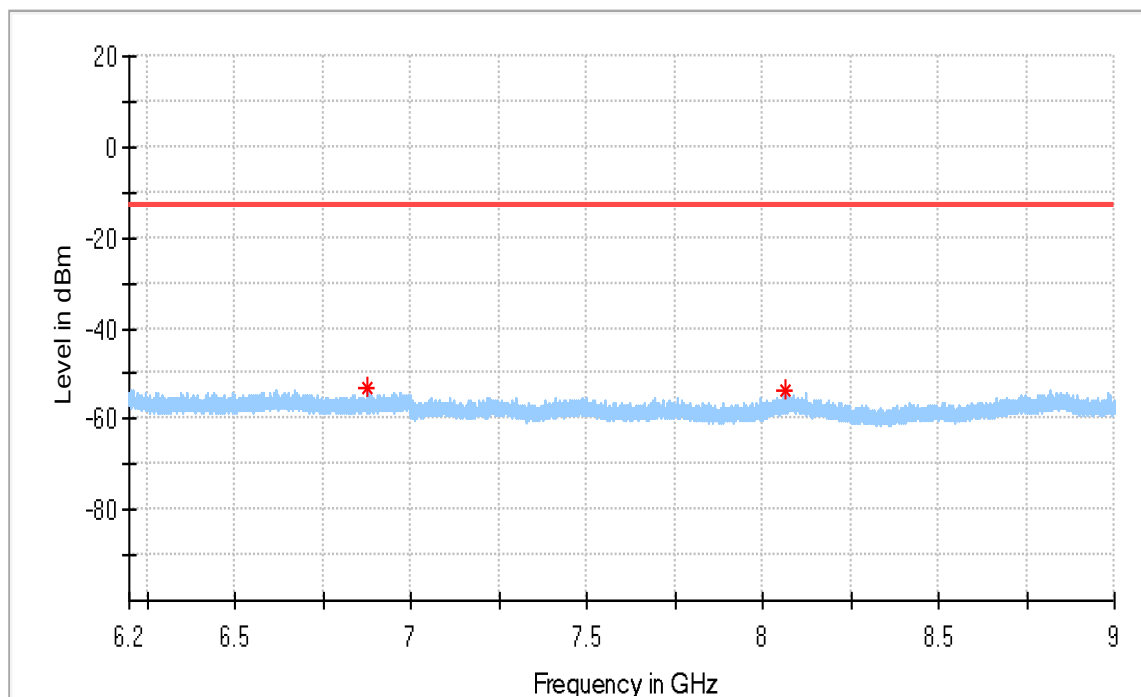


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.000000	-49.68	-13.00	36.68	100.0	V	327.0	-92.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

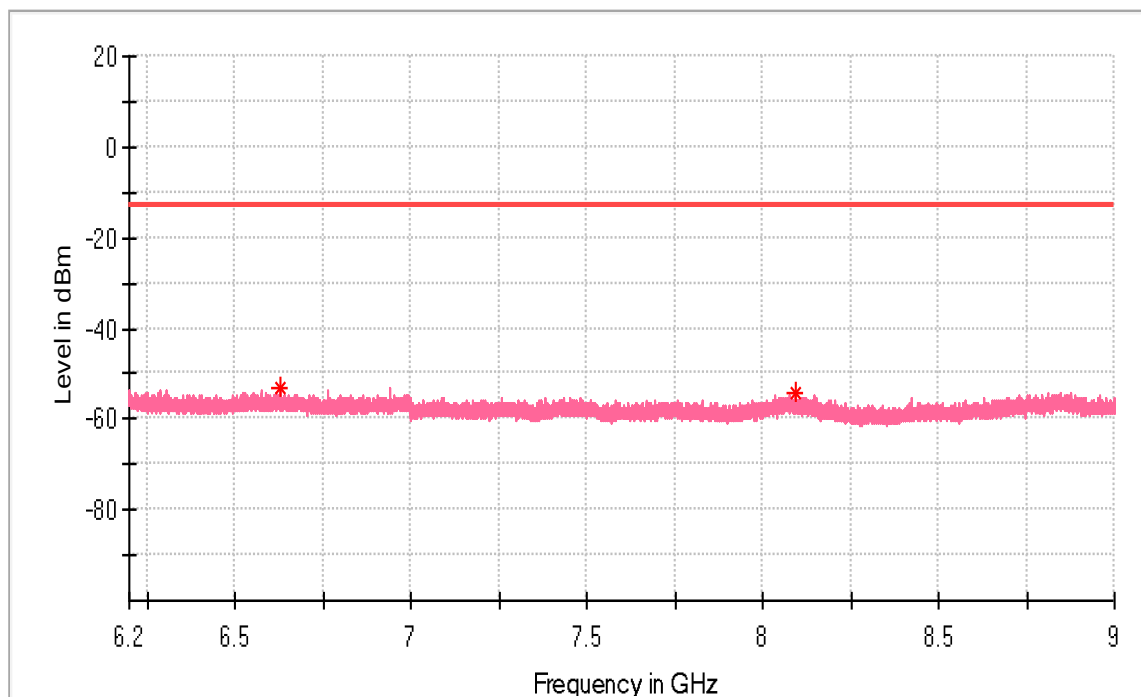


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6877.133333	-53.10	-13.00	40.10	100.0	H	51.0	-88.5
8066.316667	-53.65	-13.00	40.65	100.0	H	149.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

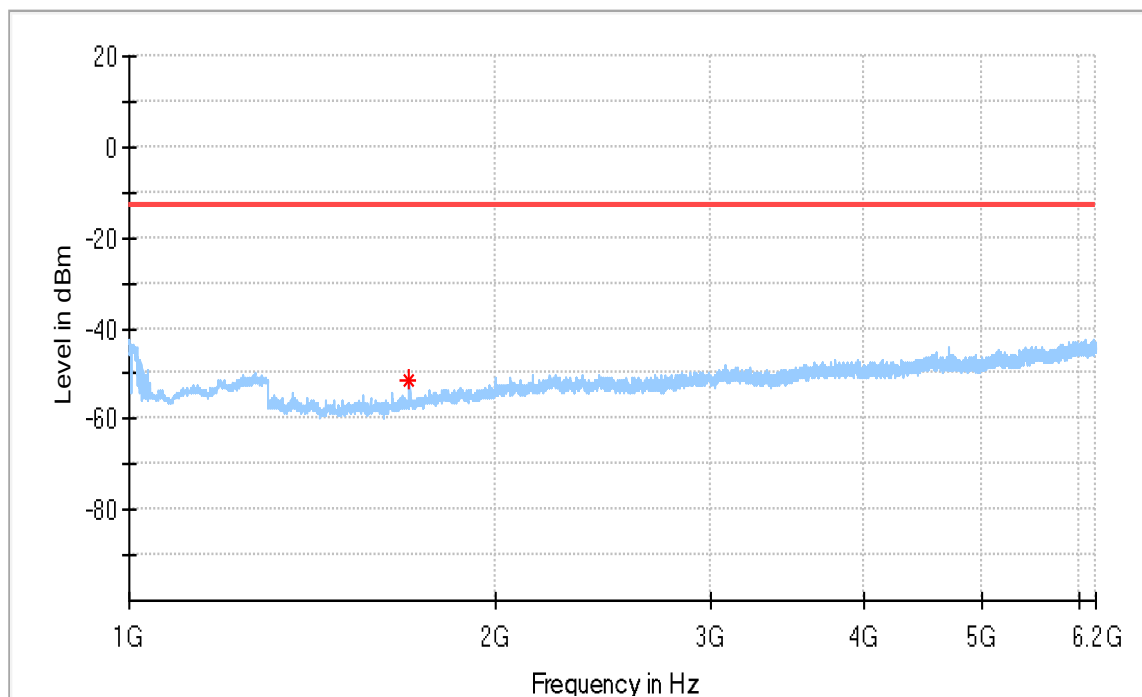


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6629.333333	-53.34	-13.00	40.34	100.0	V	161.0	-88.1
8094.666667	-54.04	-13.00	41.04	100.0	V	0.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

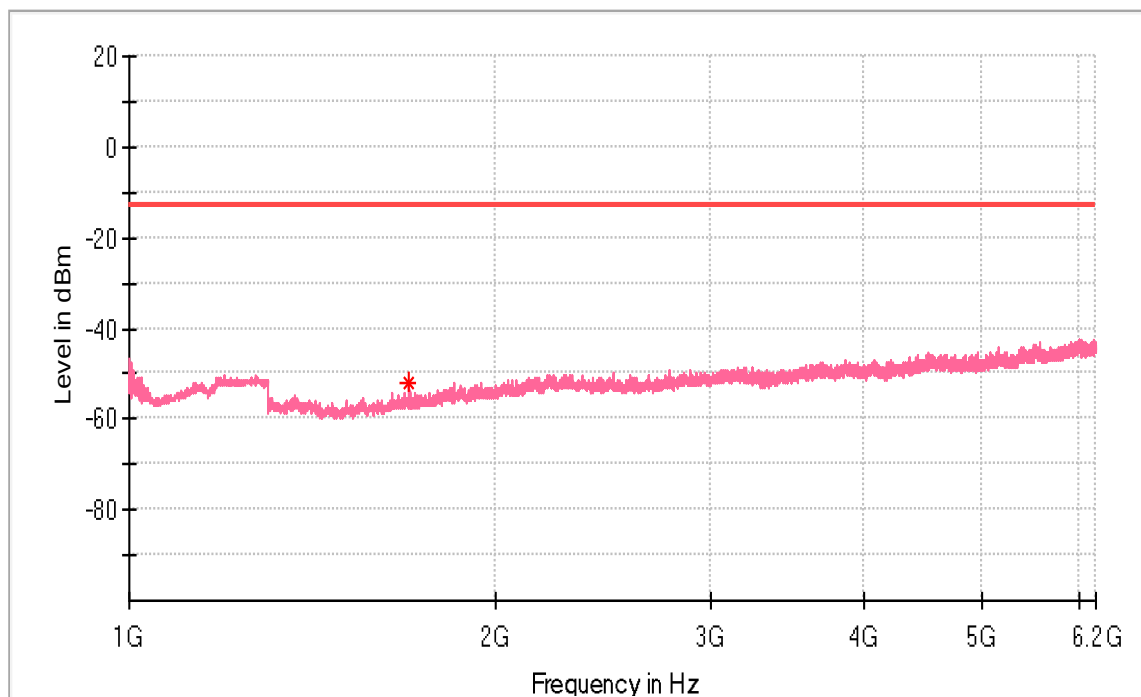


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-51.64	-13.00	38.64	100.0	H	0.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

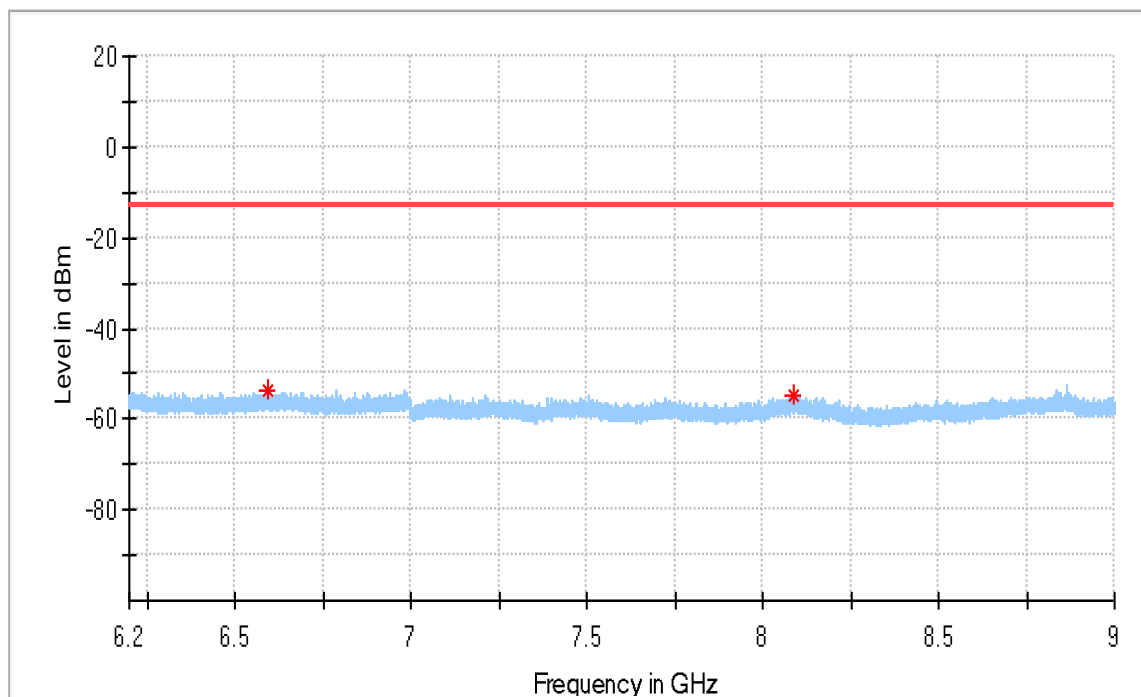


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-51.83	-13.00	38.83	100.0	V	171.0	-92.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

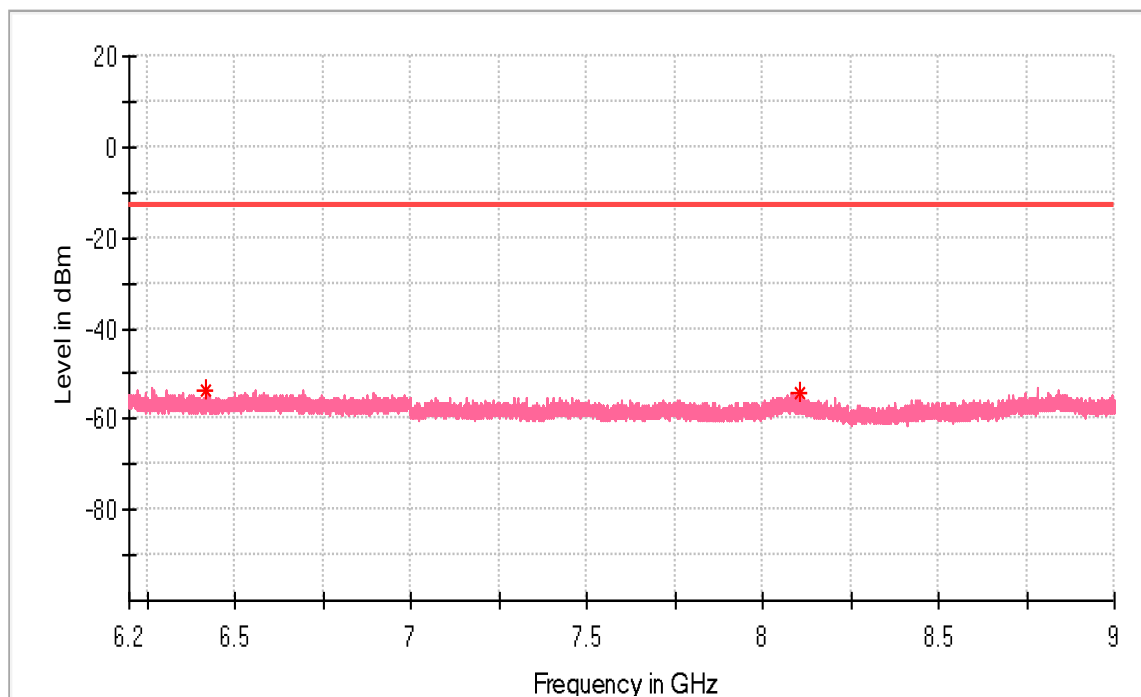


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6597.016667	-53.58	-13.00	40.58	100.0	H	323.0	-87.7
8086.850000	-54.77	-13.00	41.77	100.0	H	262.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



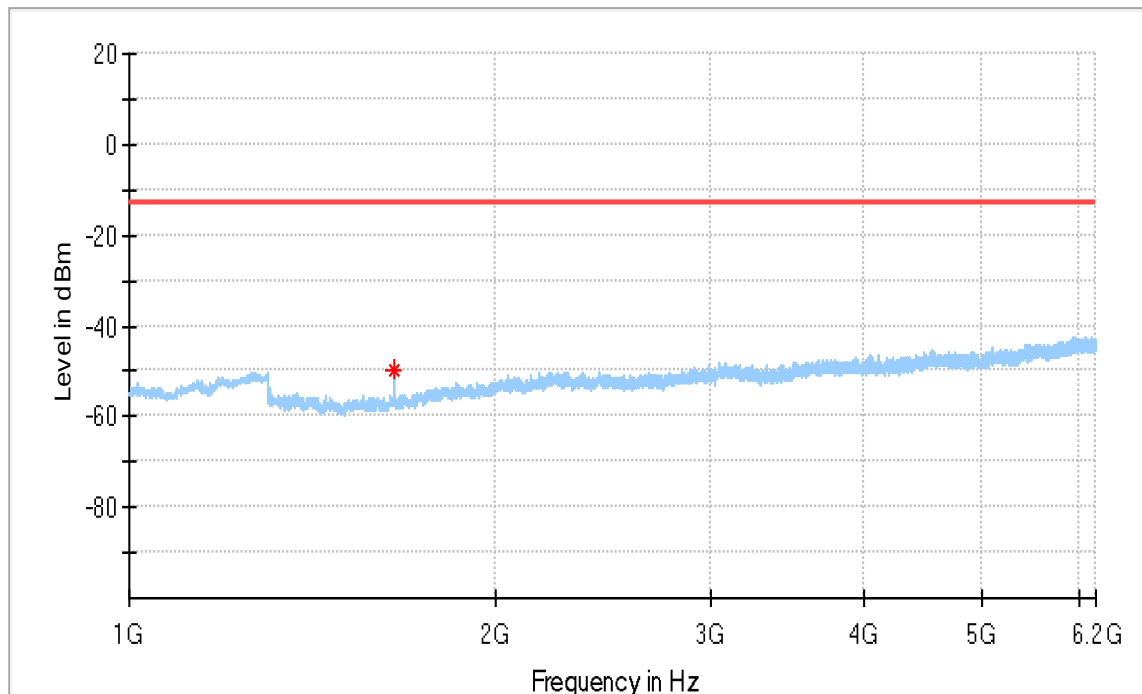
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6420.266667	-53.77	-13.00	40.78	100.0	V	249.0	-87.9
8103.066667	-54.19	-13.00	41.19	100.0	V	356.0	-86.8

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

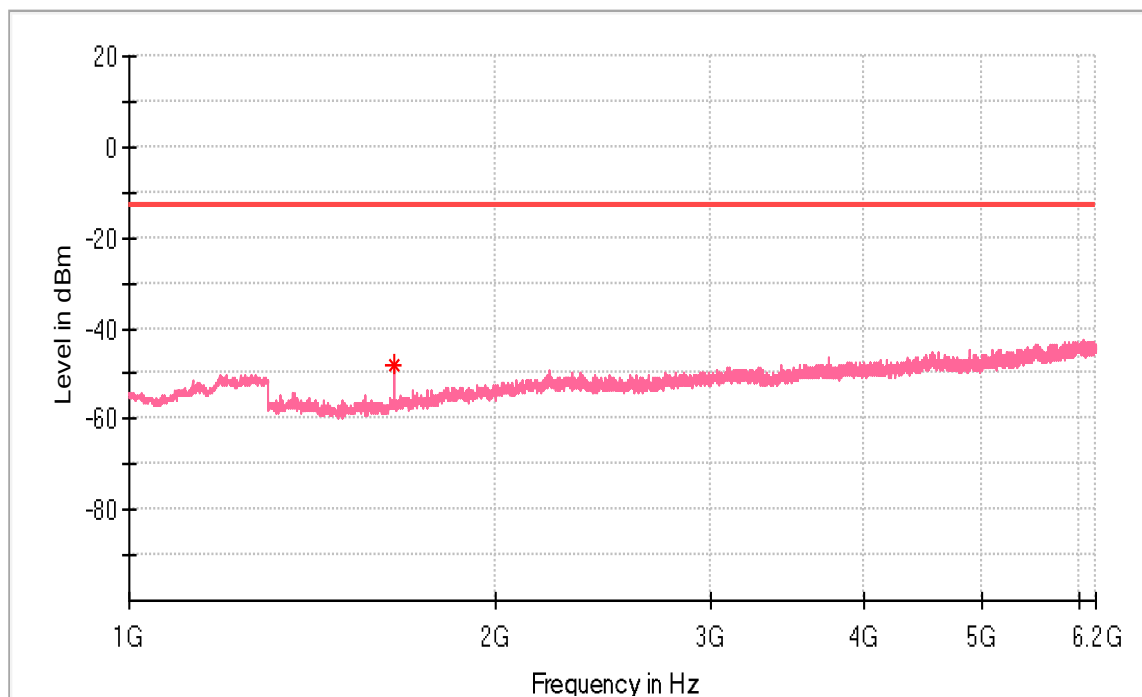


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-49.64	-13.00	36.64	100.0	H	343.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

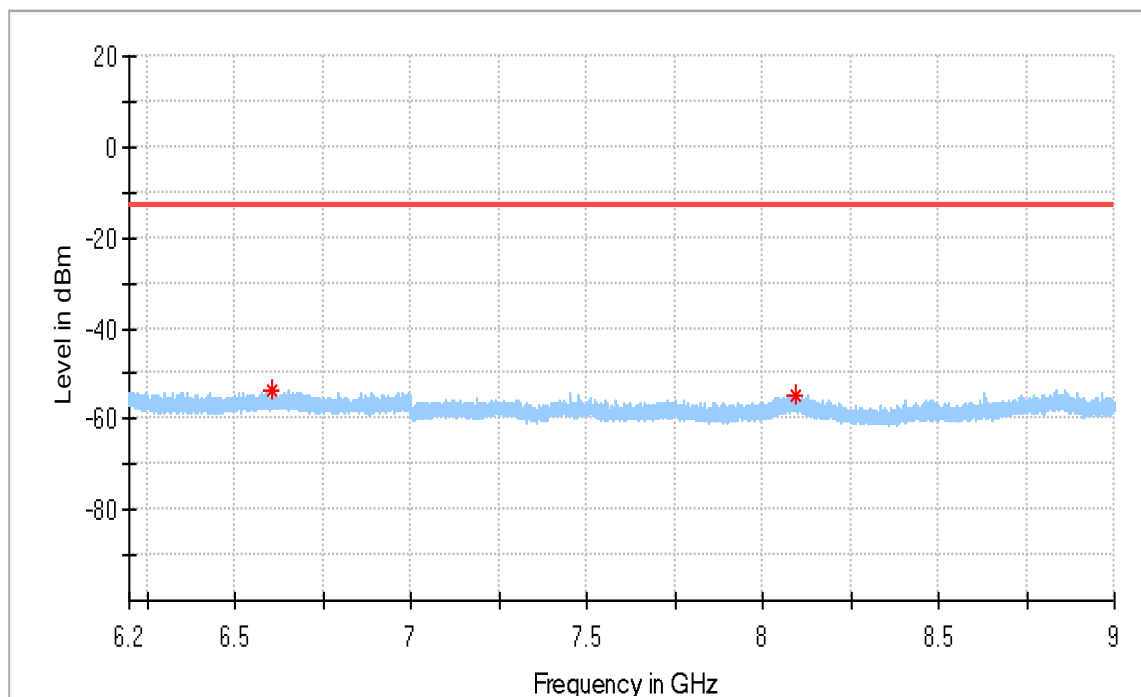


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-48.08	-13.00	35.08	100.0	V	353.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

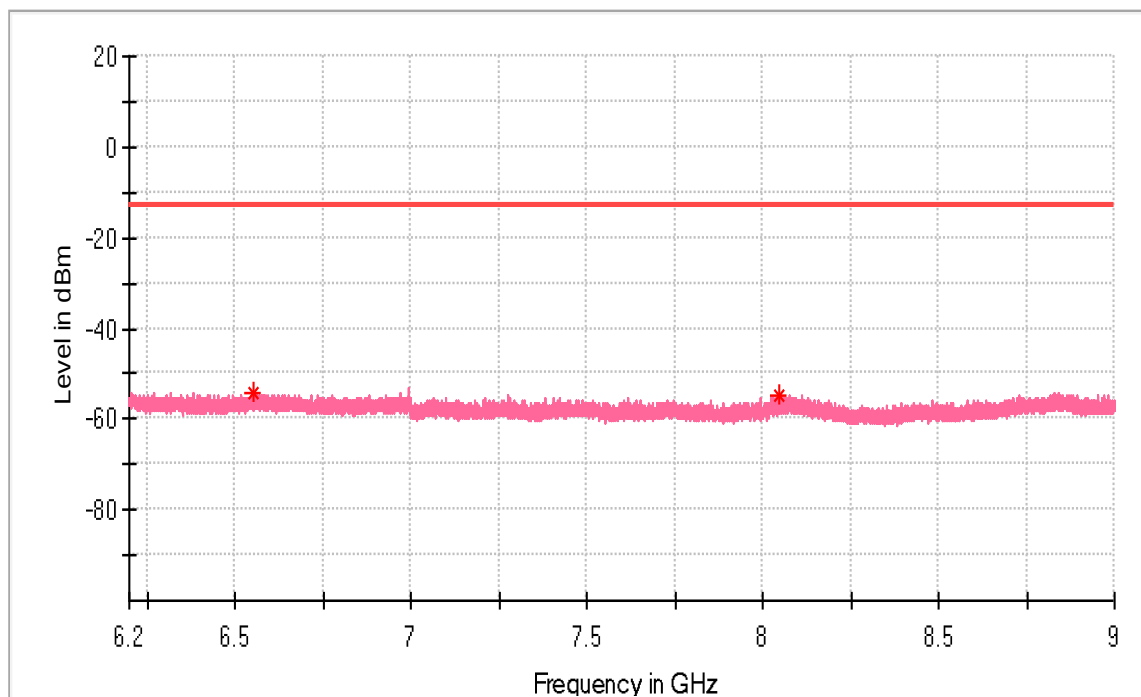


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6606.350000	-53.77	-13.00	40.77	100.0	H	292.0	-87.8
8091.866667	-54.68	-13.00	41.68	100.0	H	153.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

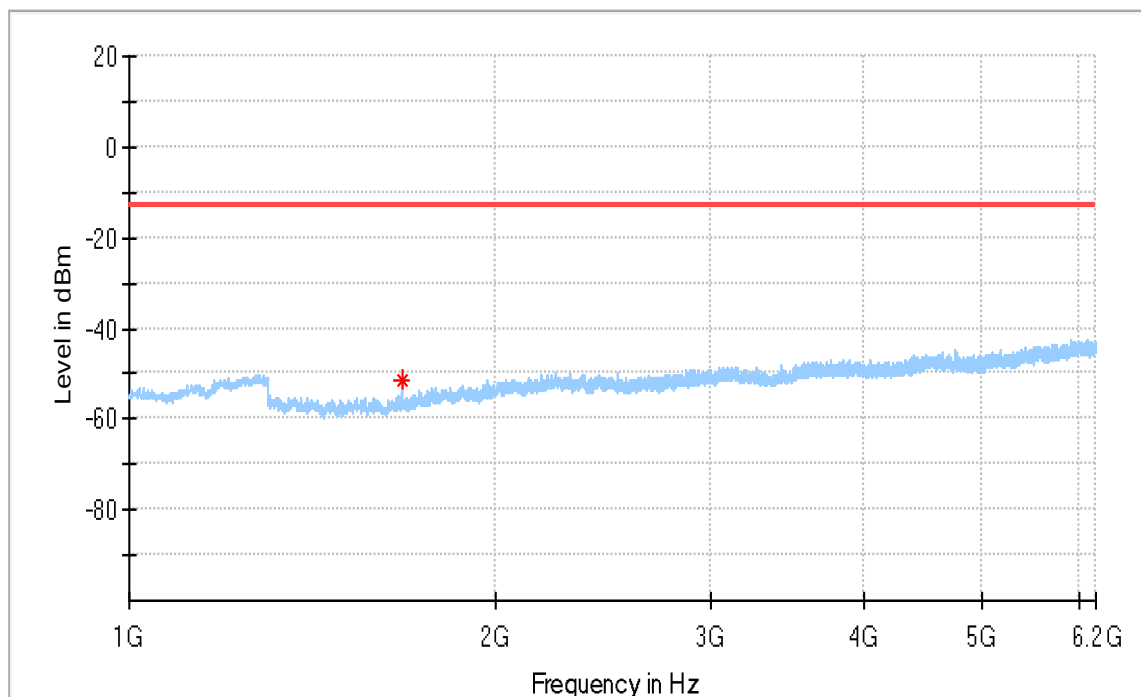


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6553.500000	-54.14	-13.00	41.14	100.0	V	184.0	-87.3
8046.250000	-54.77	-13.00	41.77	100.0	V	0.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

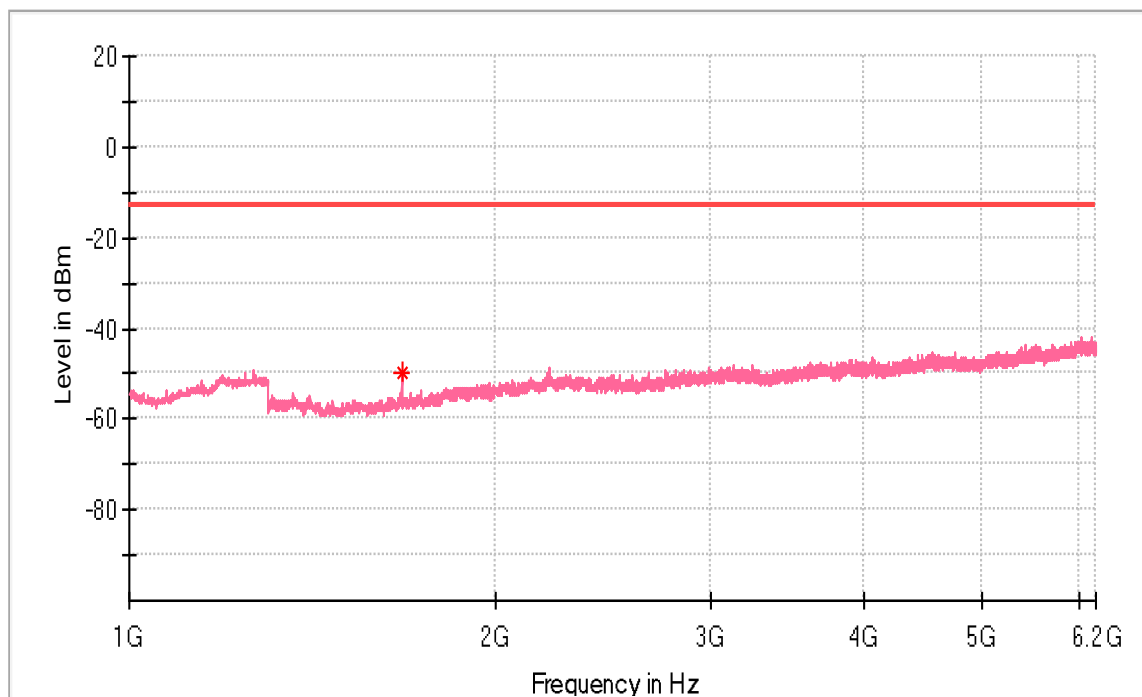


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-51.25	-13.00	38.25	100.0	H	354.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

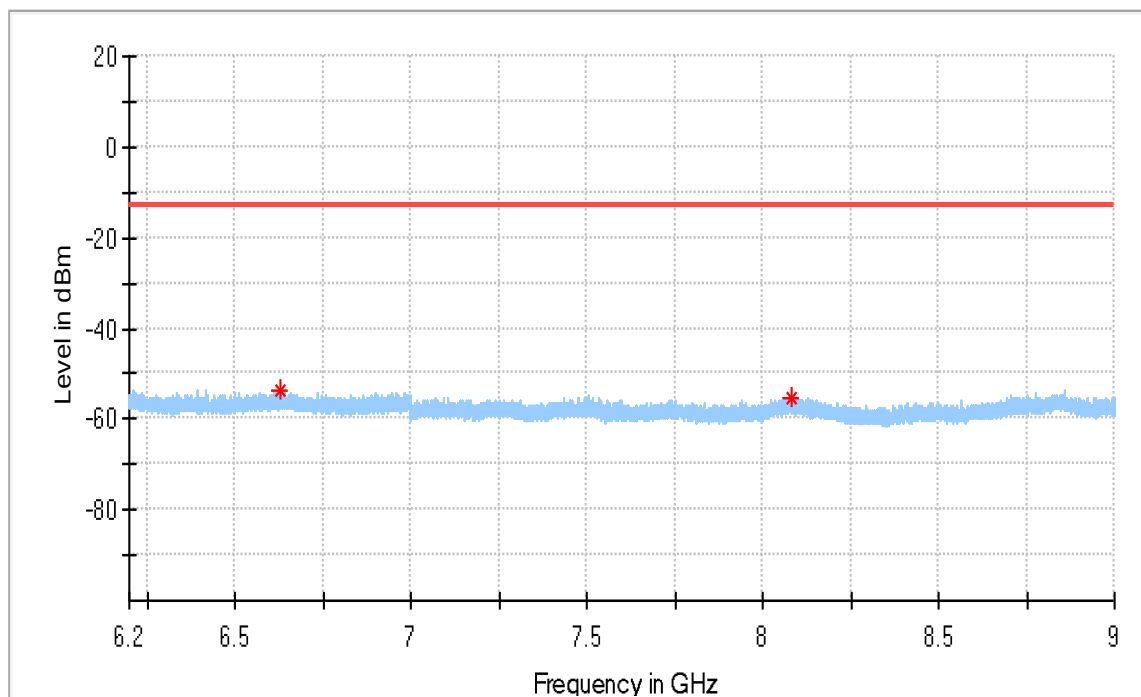


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-49.53	-13.00	36.53	100.0	V	343.0	-92.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

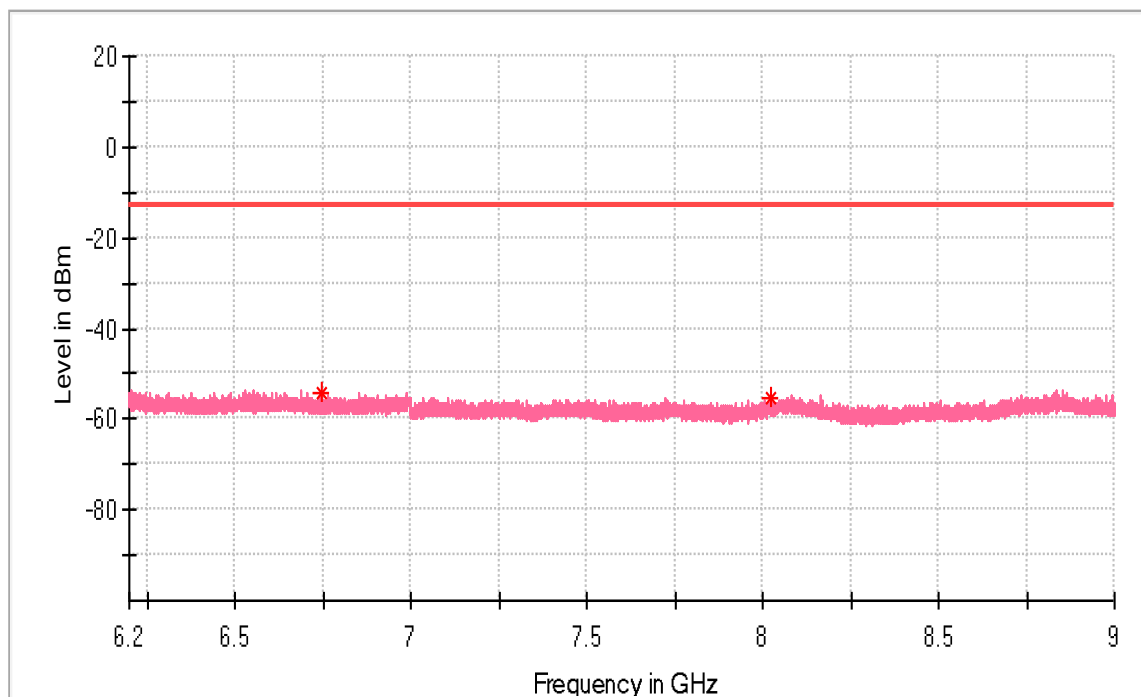


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6628.750000	-53.46	-13.00	40.46	100.0	H	272.0	-87.7
8082.066667	-55.56	-13.00	42.56	100.0	H	136.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

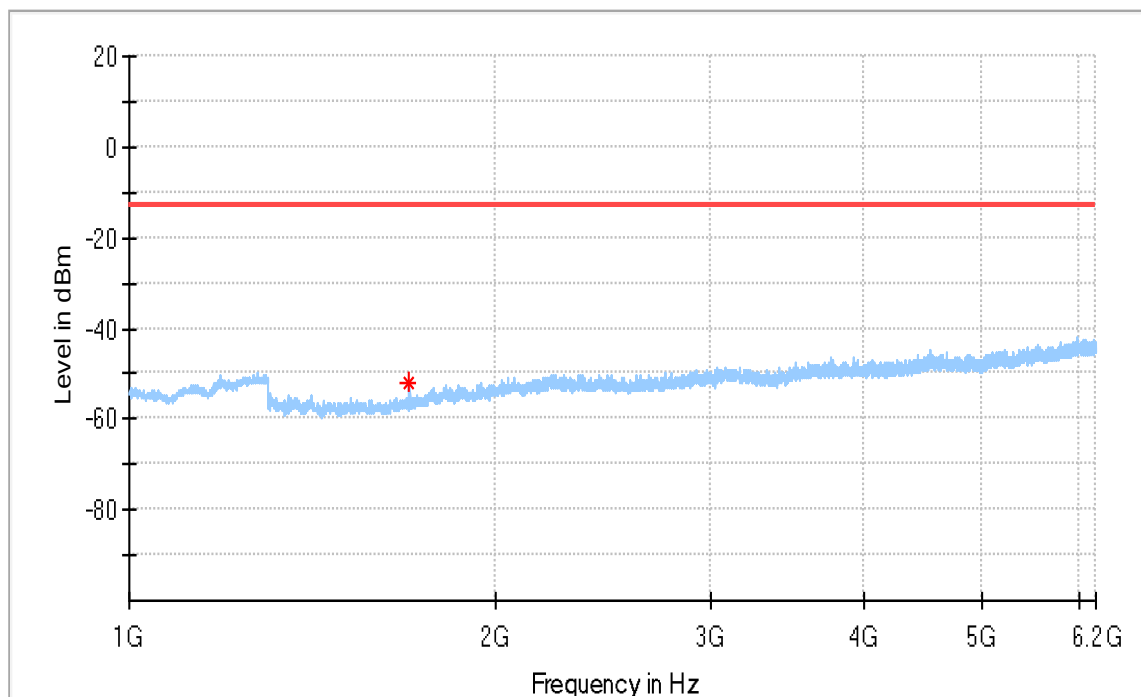


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6745.883333	-54.18	-13.00	41.18	100.0	V	237.0	-88.6
8021.400000	-55.39	-13.00	42.39	100.0	V	306.0	-87.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

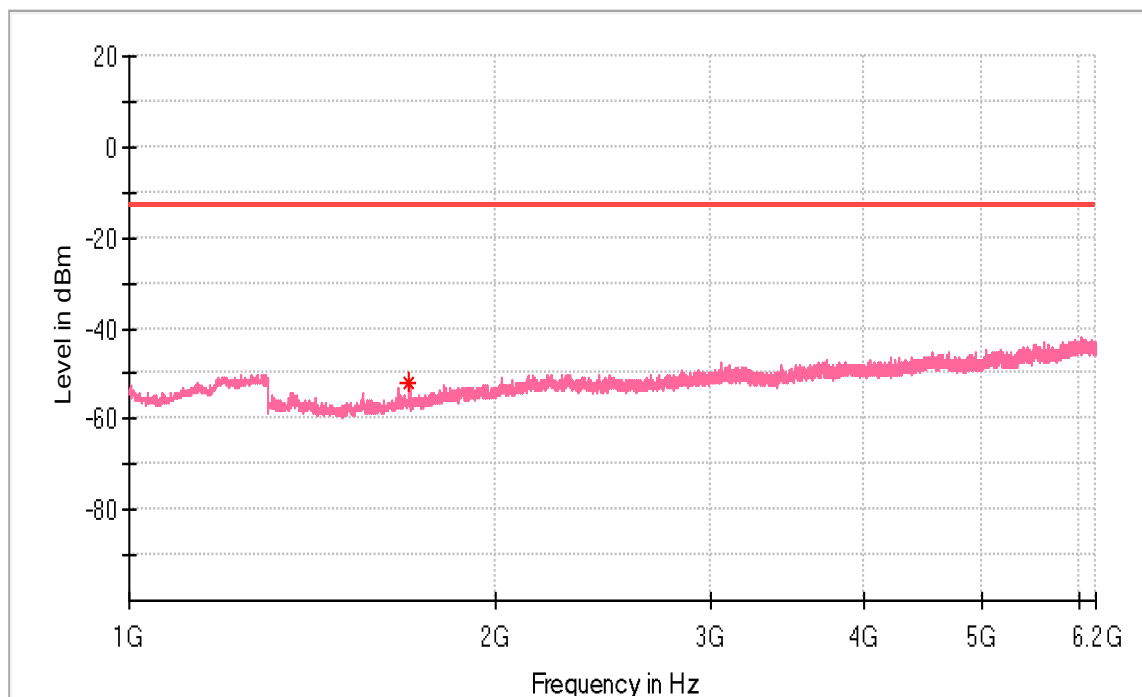


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-51.76	-13.00	38.76	100.0	H	345.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

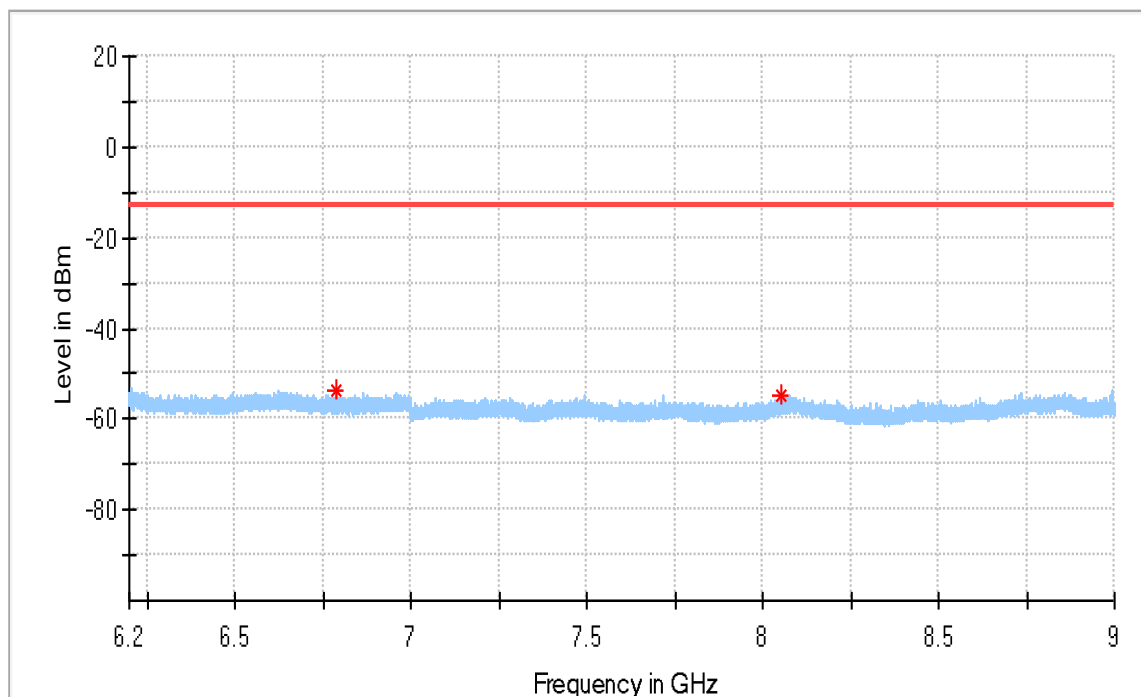


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-51.84	-13.00	38.84	100.0	V	340.0	-92.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

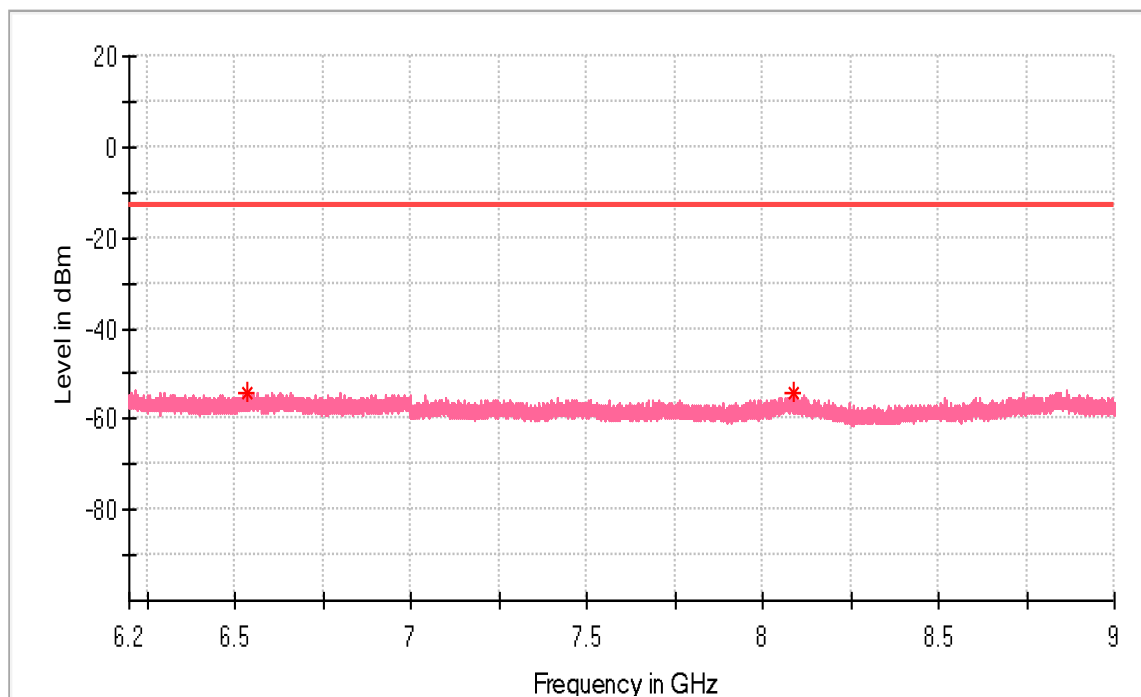


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6786.366667	-53.77	-13.00	40.77	100.0	H	356.0	-88.6
8053.366667	-55.03	-13.00	42.03	100.0	H	234.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

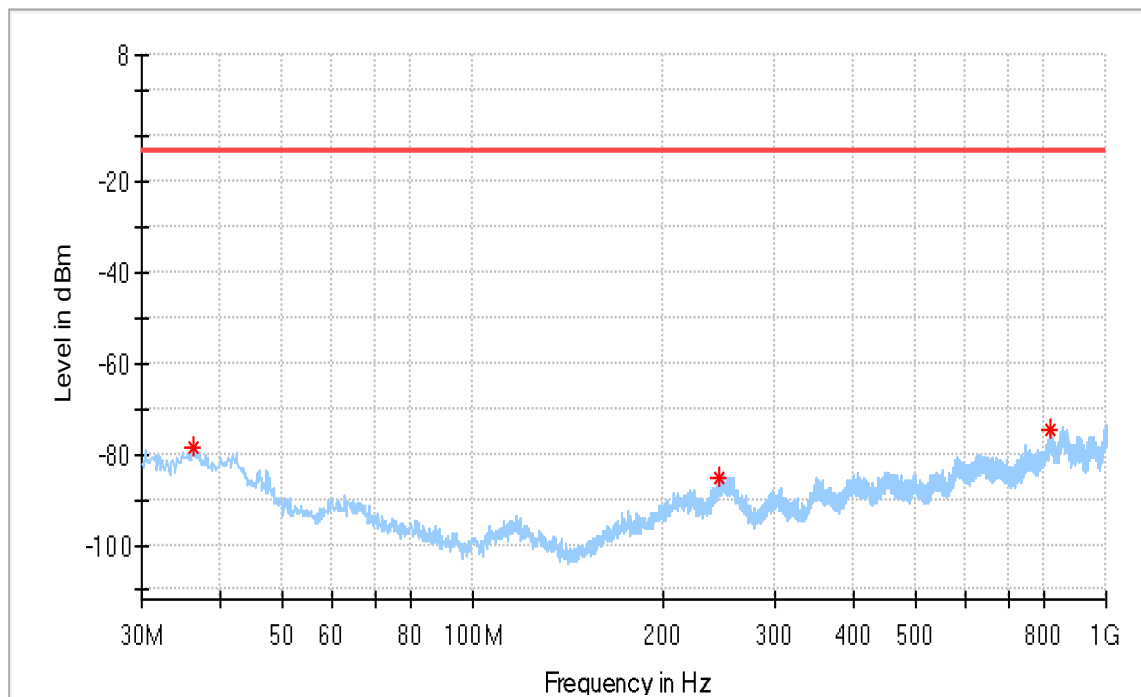
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6537.866667	-54.02	-13.00	41.02	100.0	V	42.0	-87.4
8088.016667	-54.31	-13.00	41.31	100.0	V	106.0	-86.7

APPENDIX K.4: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 12

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

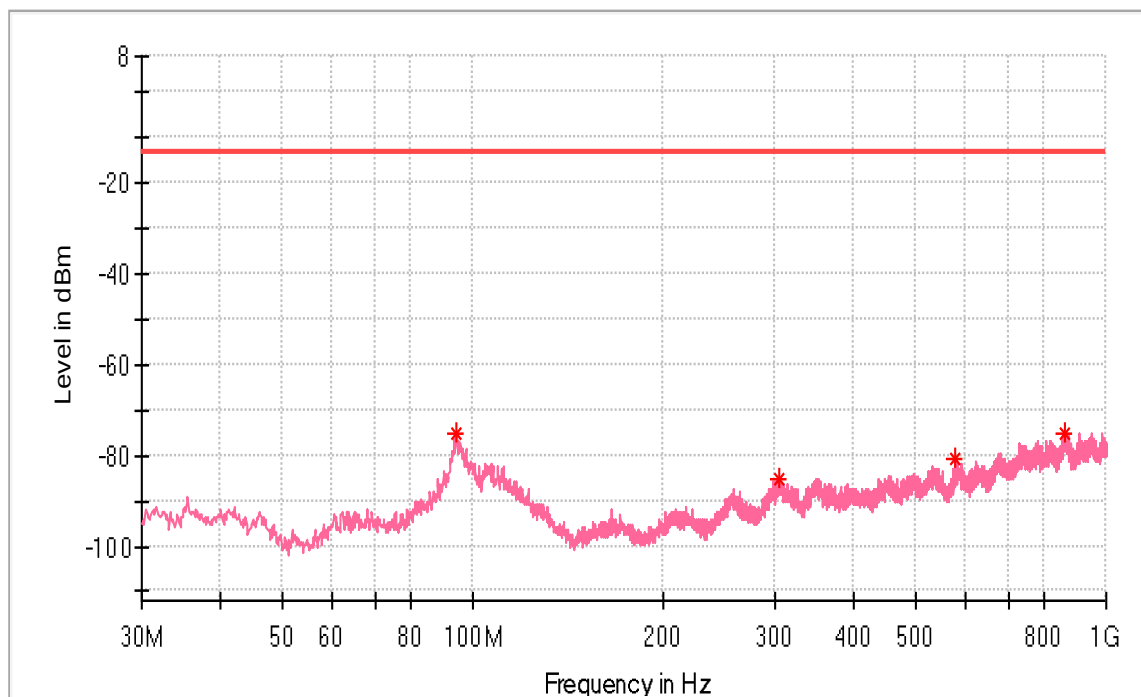


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-78.64	-13.00	65.64	100.0	H	359.0	-113.5
245.340000	-84.95	-13.00	71.95	100.0	H	197.0	-110.0
816.427500	-74.58	-13.00	61.58	100.0	H	174.0	-100.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



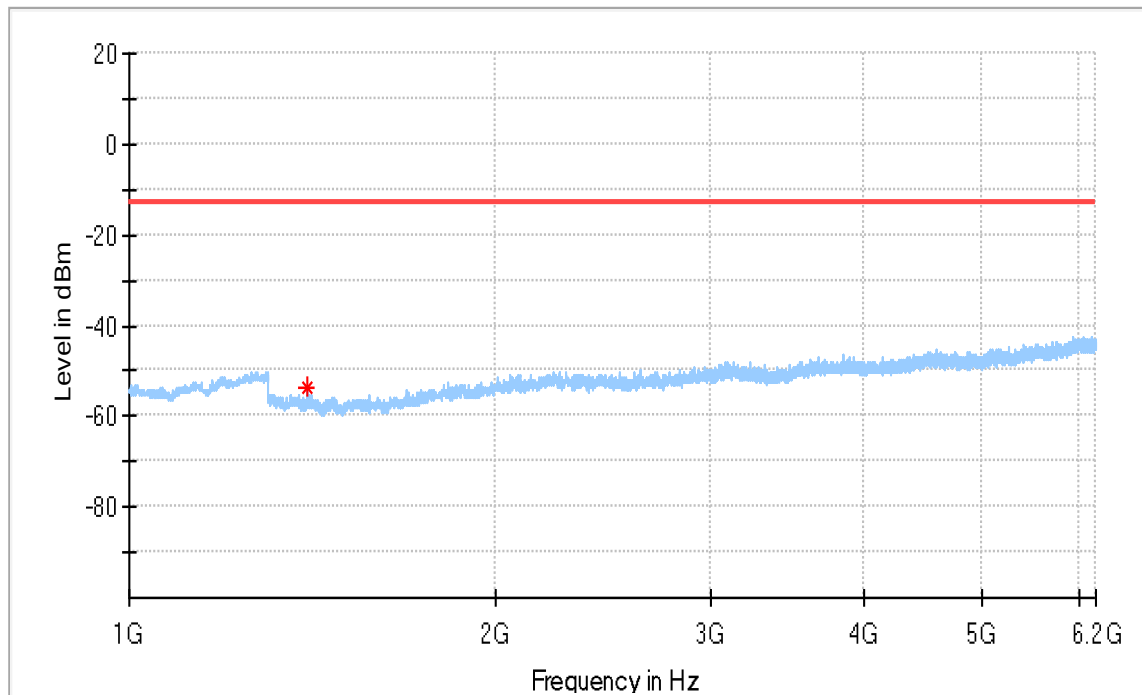
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-75.04	-13.00	62.04	100.0	V	0.0	-99.7
305.358750	-85.10	-13.00	72.10	100.0	V	23.0	-111.0
579.020000	-80.57	-13.00	67.57	100.0	V	129.0	-106.7
858.622500	-75.04	-13.00	62.04	100.0	V	39.0	-100.0

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

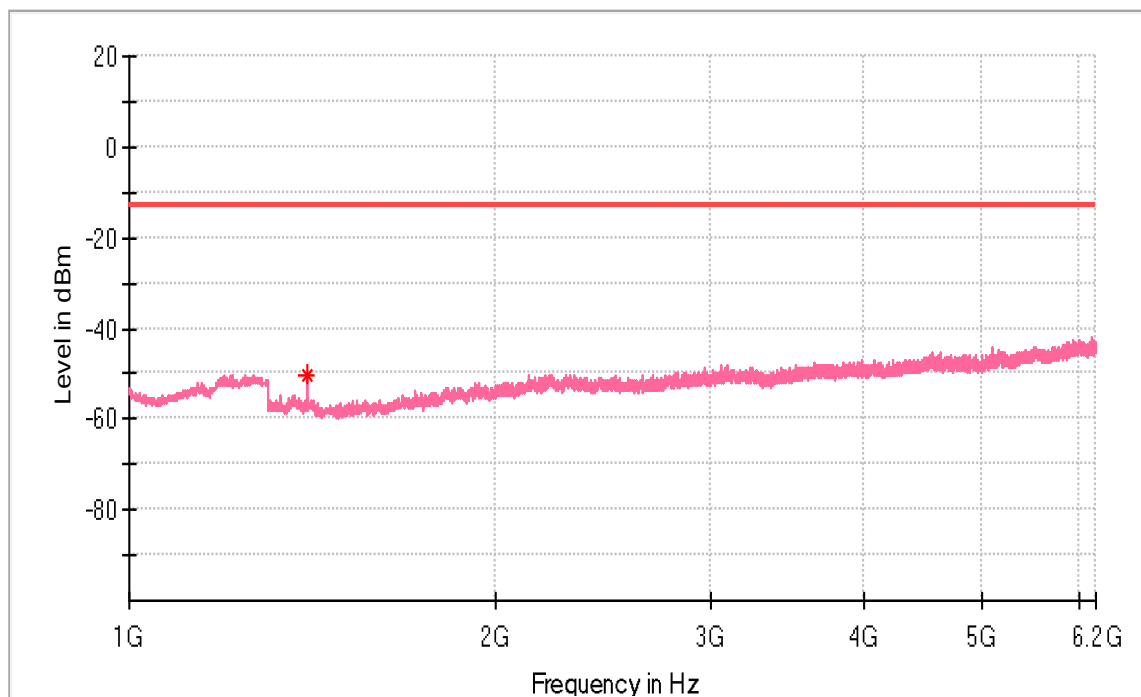


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.500000	-53.95	-13.00	40.95	100.0	H	245.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

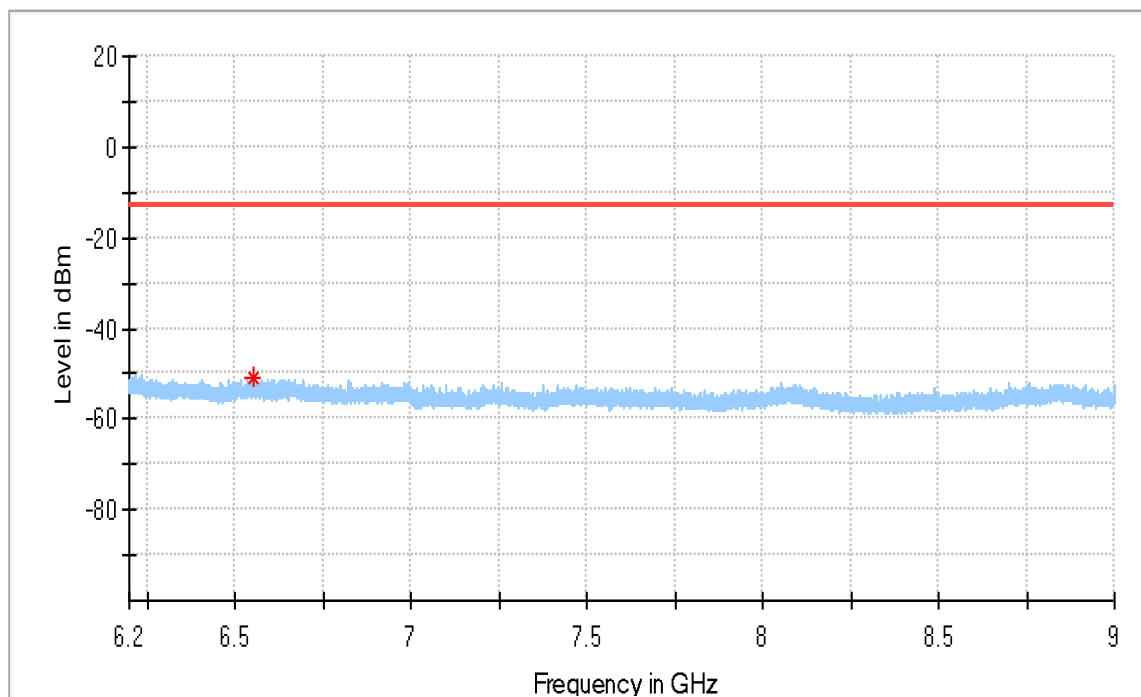


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-50.28	-13.00	37.29	100.0	V	351.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

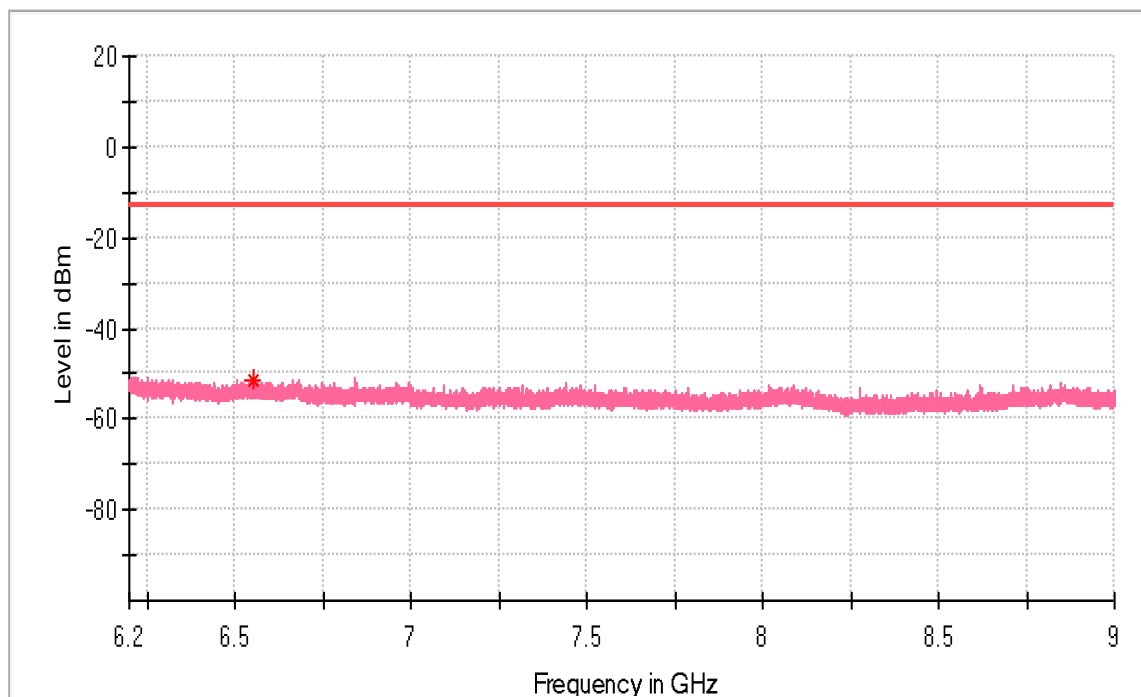


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6554.433333	-51.05	-13.00	38.05	100.0	H	57.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

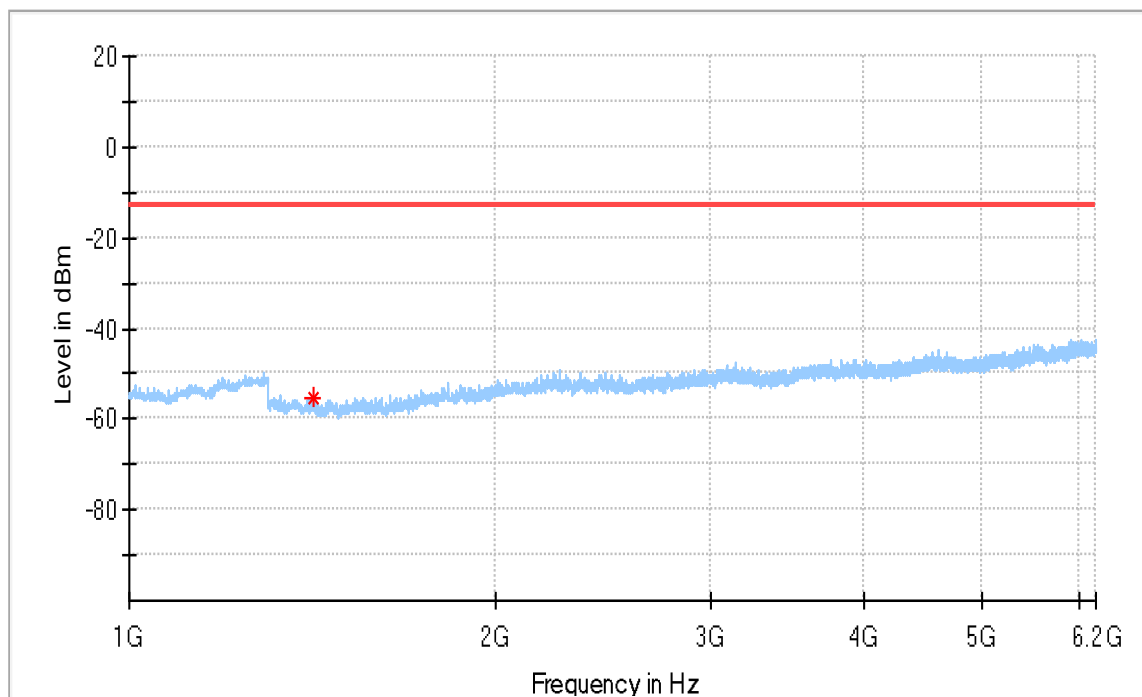


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6553.150000	-51.61	-13.00	38.61	100.0	V	133.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

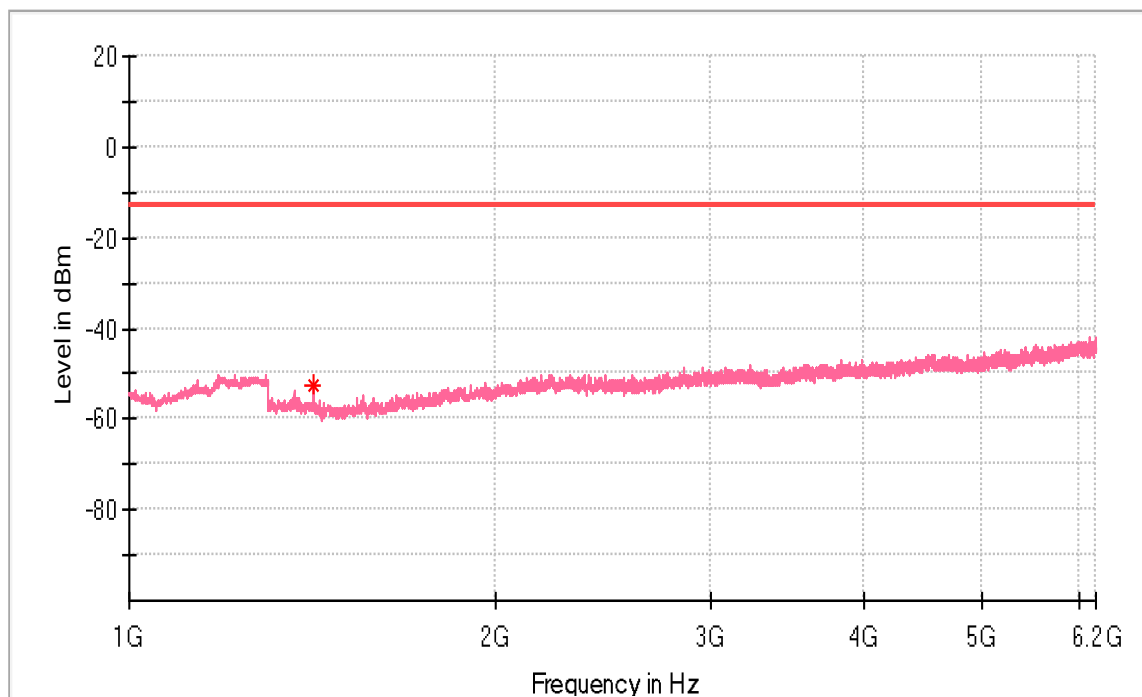


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-55.14	-13.00	42.14	100.0	H	319.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

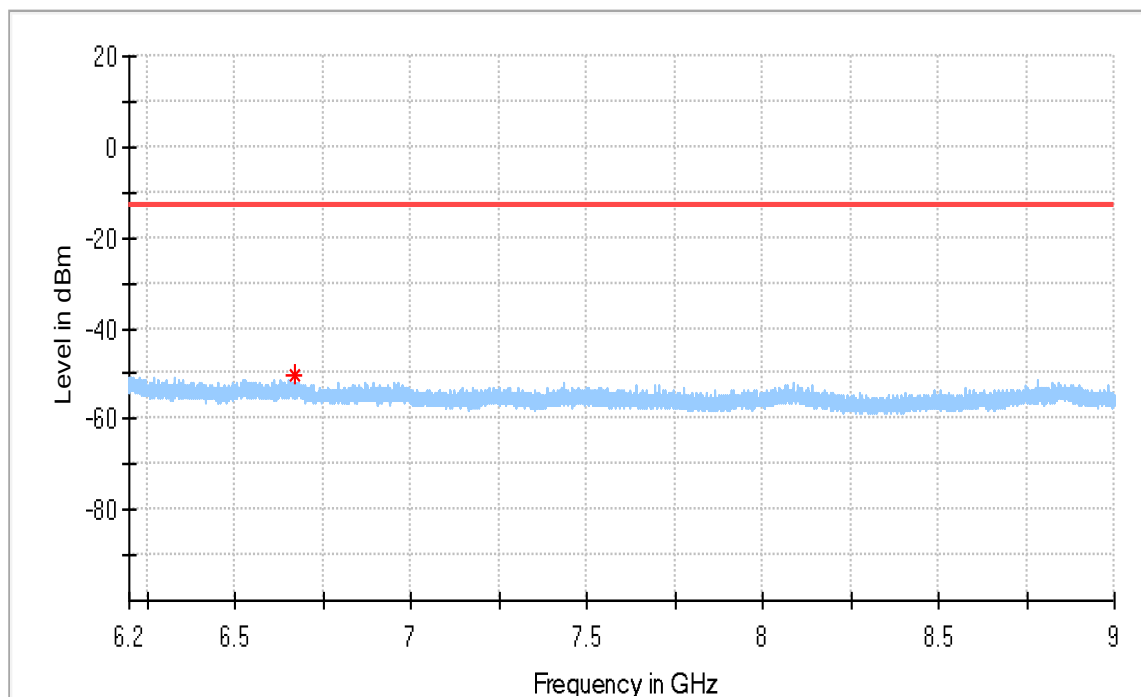


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-52.76	-13.00	39.76	100.0	V	343.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

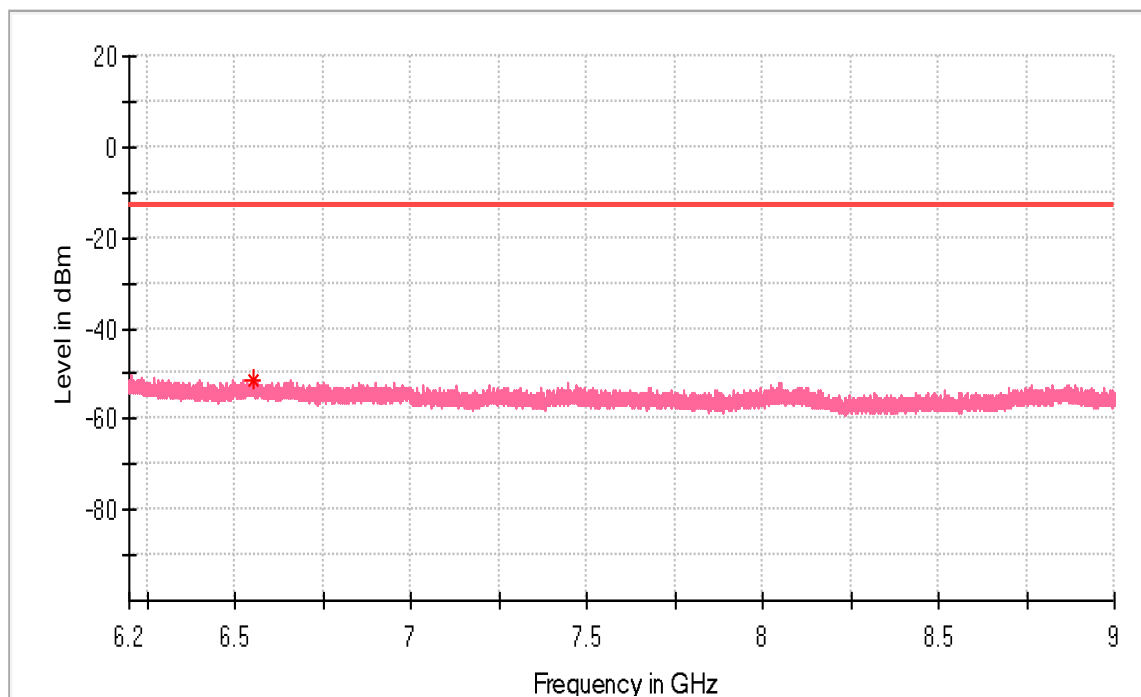


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6672.500000	-50.60	-13.00	37.60	100.0	H	196.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

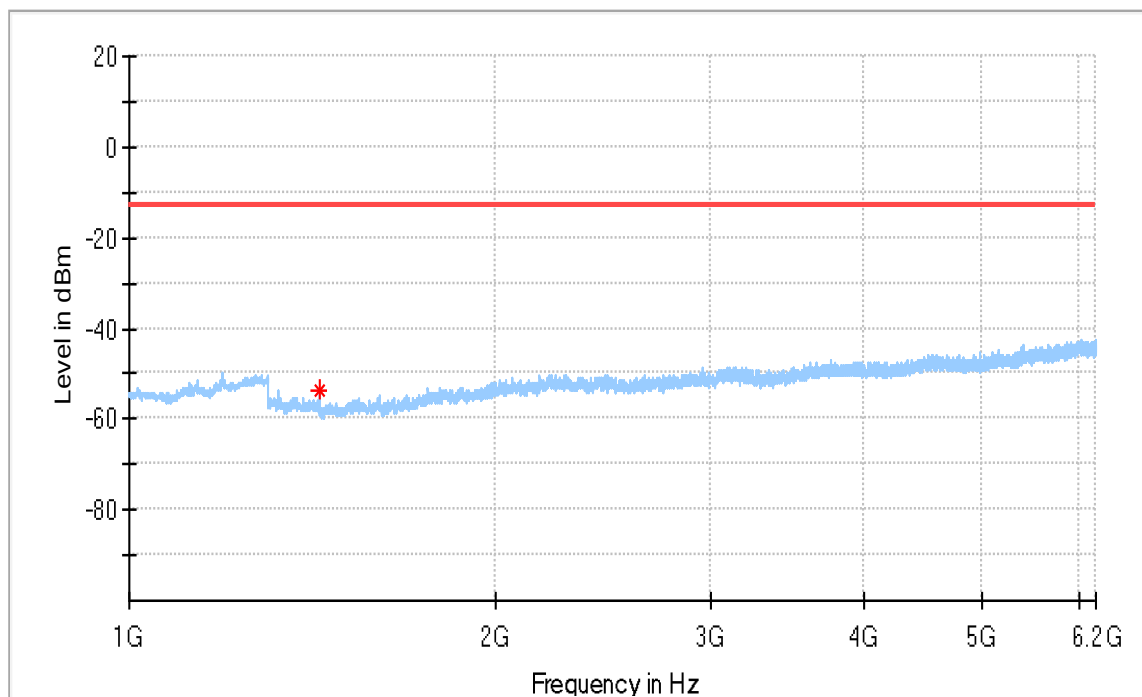


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6553.266667	-51.18	-13.00	38.18	100.0	V	0.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

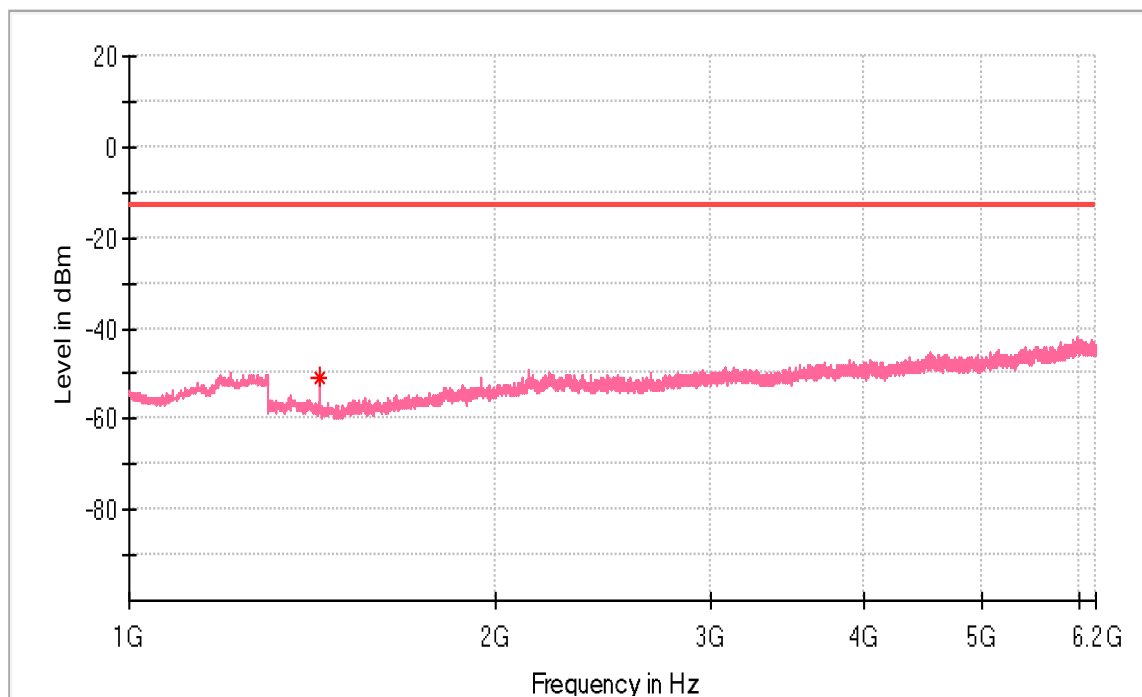


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-53.63	-13.00	40.63	100.0	H	302.0	-93.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

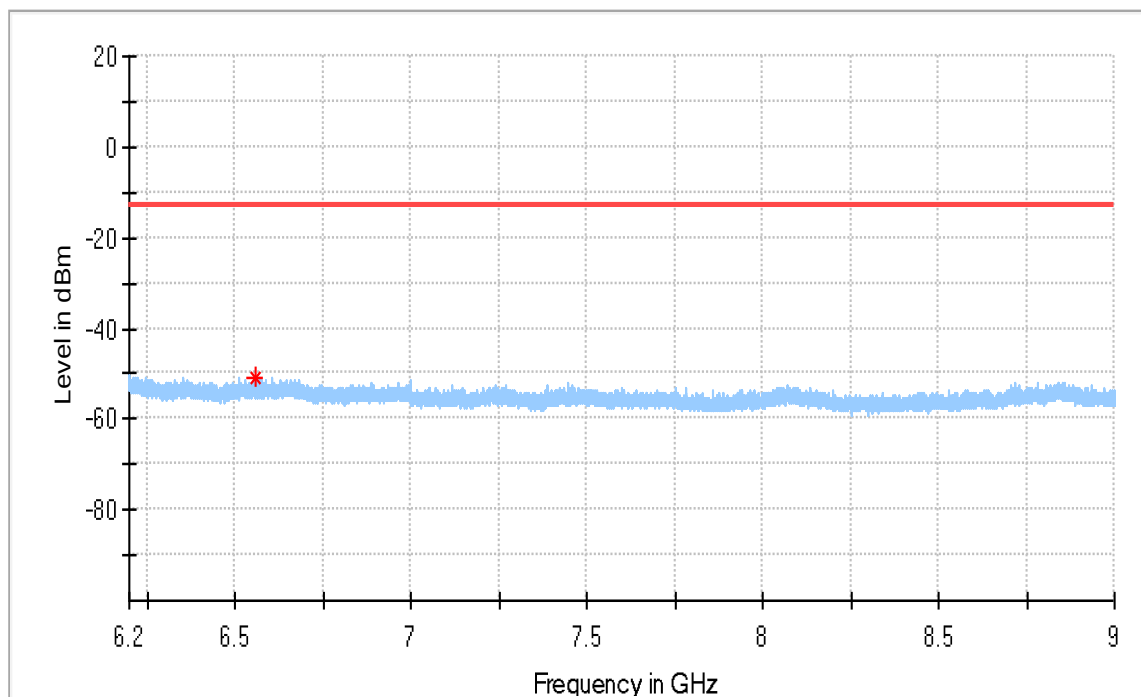


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-50.61	-13.00	37.61	100.0	V	345.0	-93.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

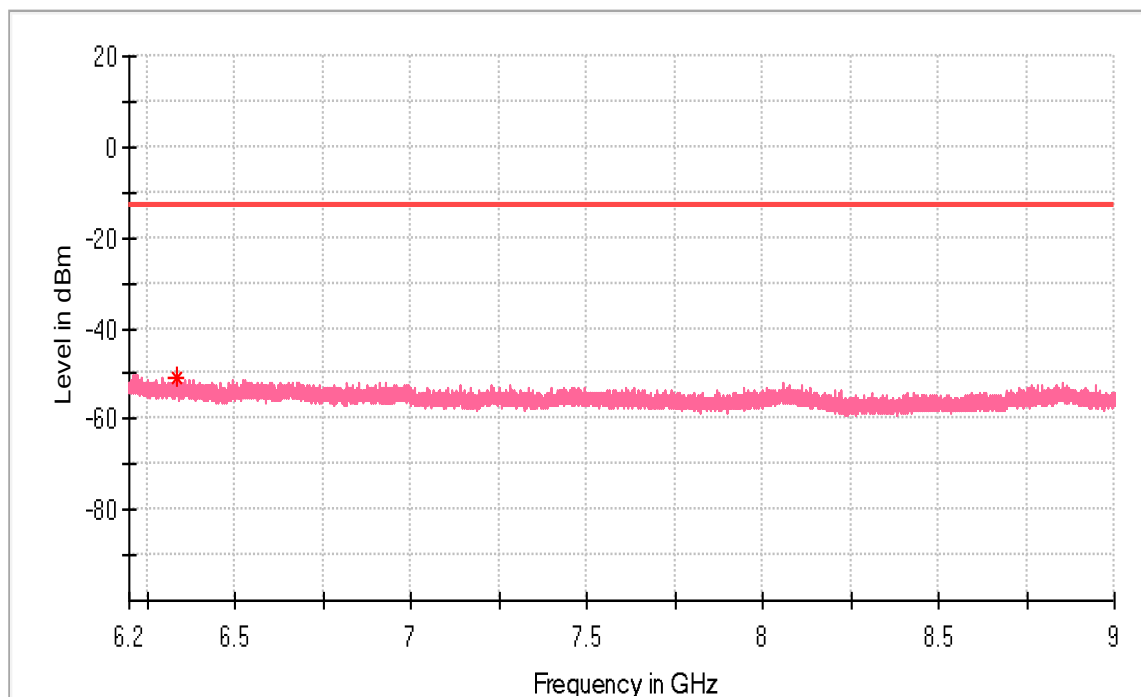


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6558.400000	-50.94	-13.00	37.94	100.0	H	108.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



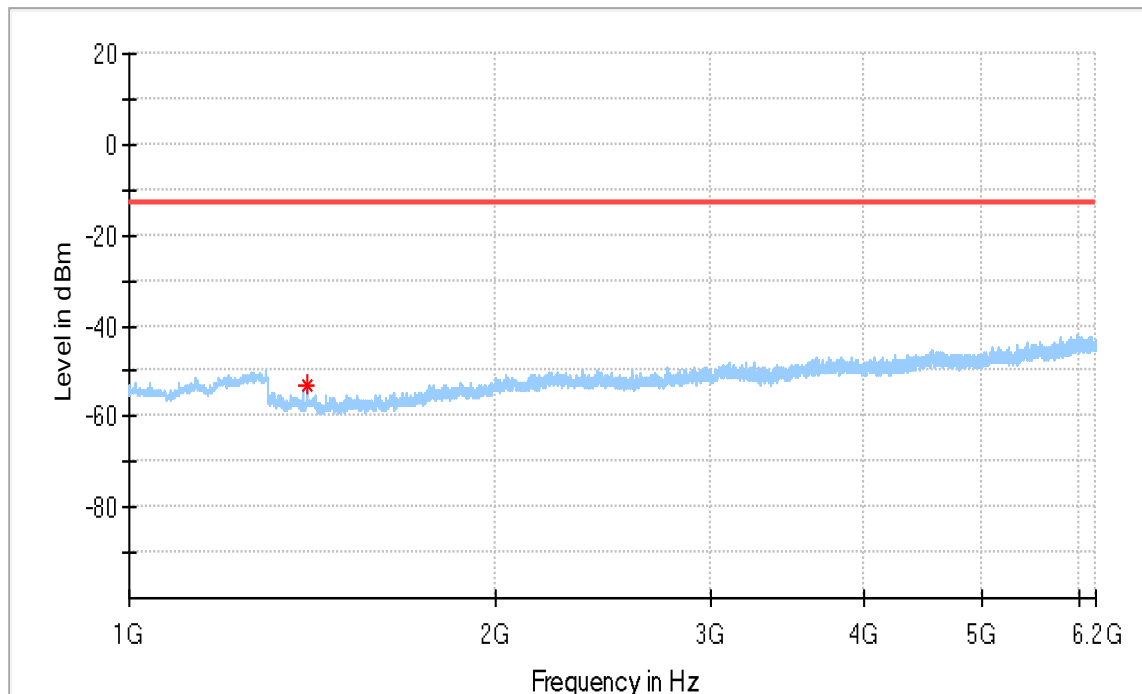
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6333.583333	-50.67	-13.00	37.67	100.0	V	223.0	-87.6

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

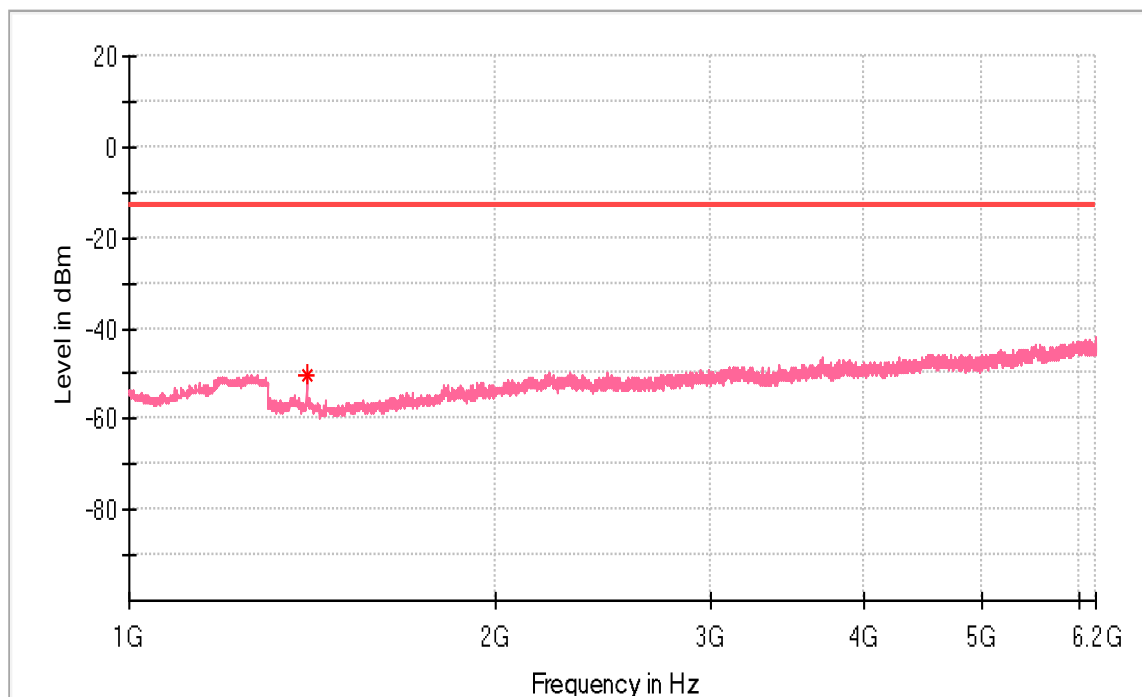


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-53.31	-13.00	40.31	100.0	H	247.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

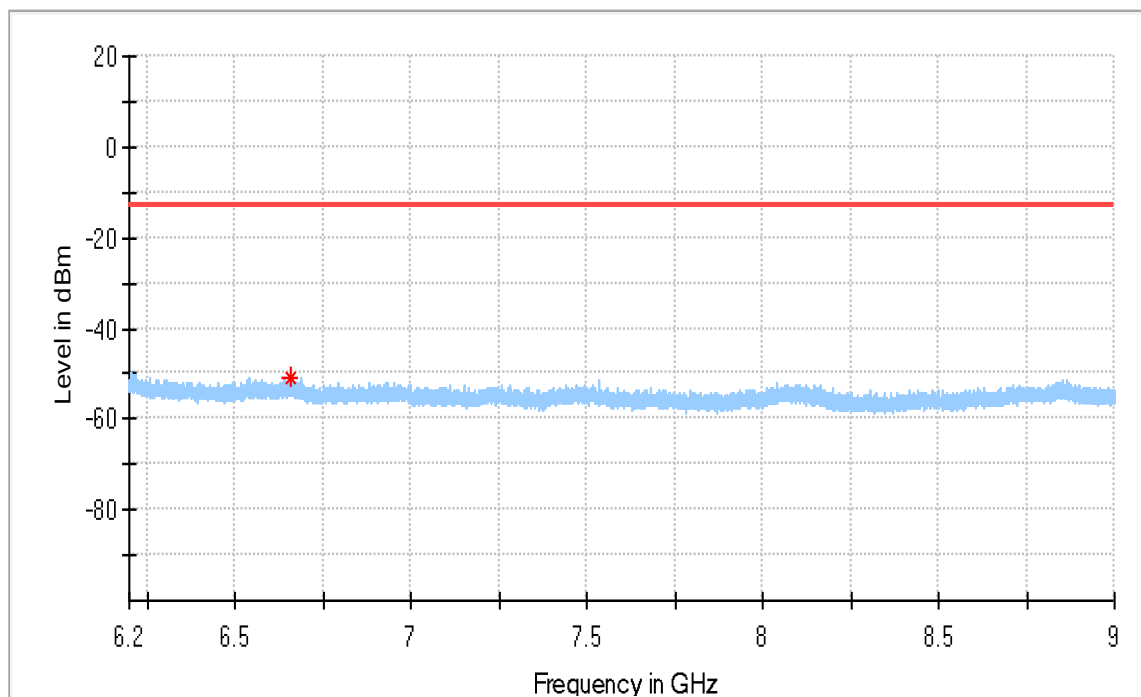


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-50.07	-13.00	37.07	100.0	V	306.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

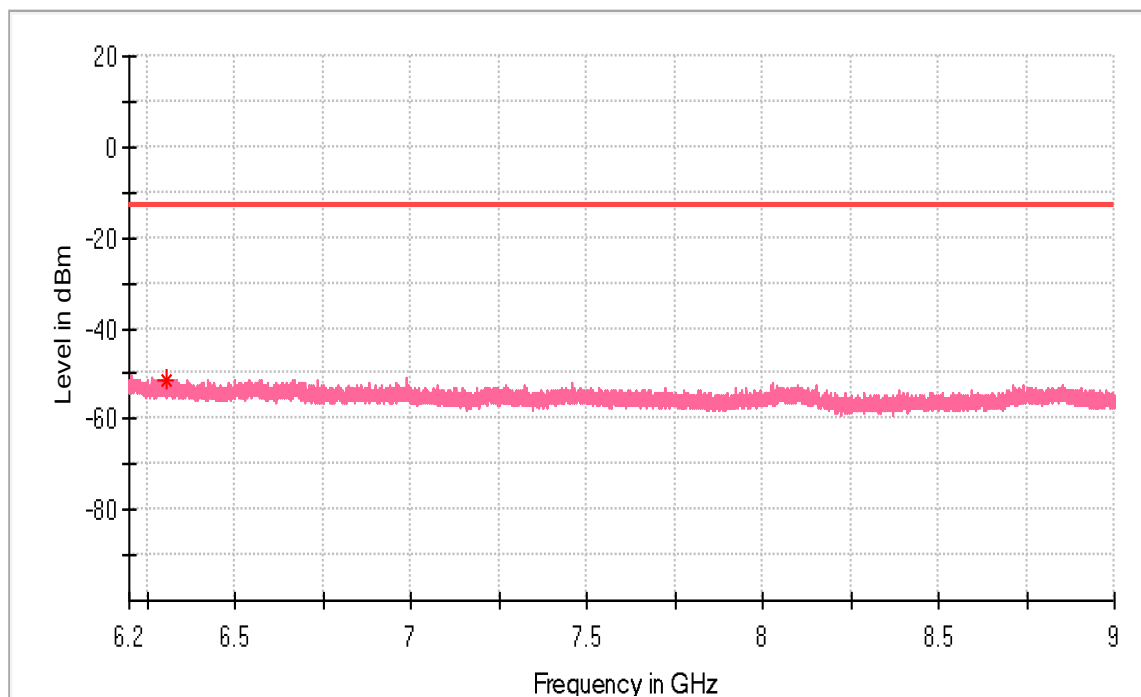


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6656.283333	-50.62	-13.00	37.62	100.0	H	91.0	-87.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

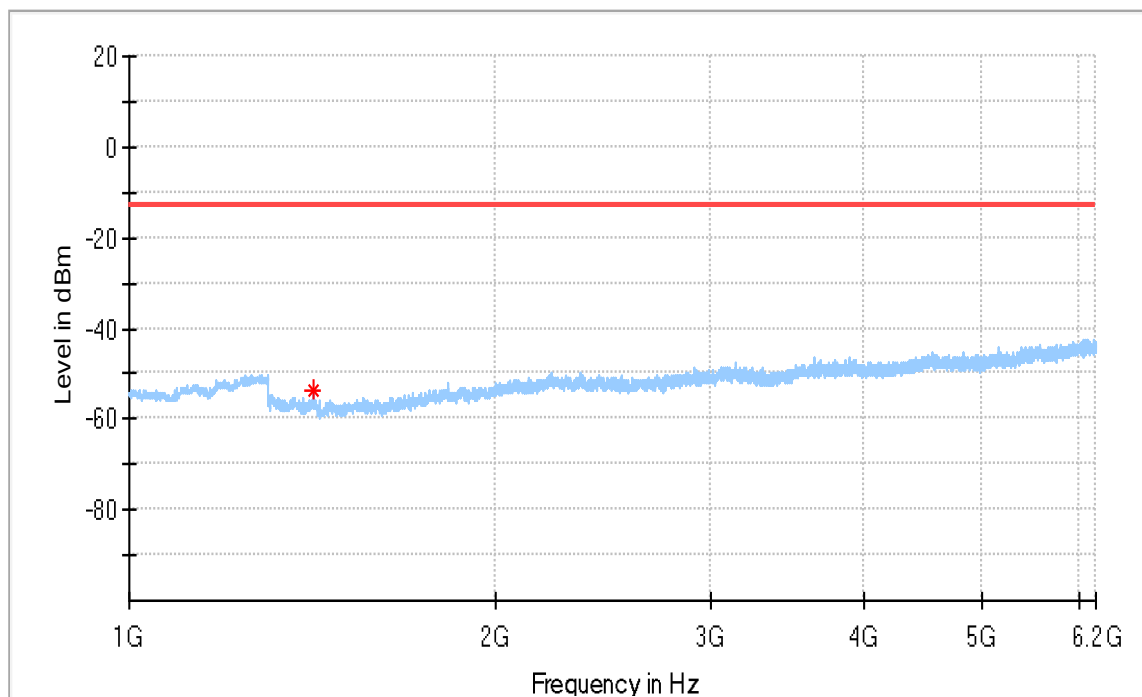


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6304.416667	-51.53	-13.00	38.53	100.0	V	53.0	-87.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

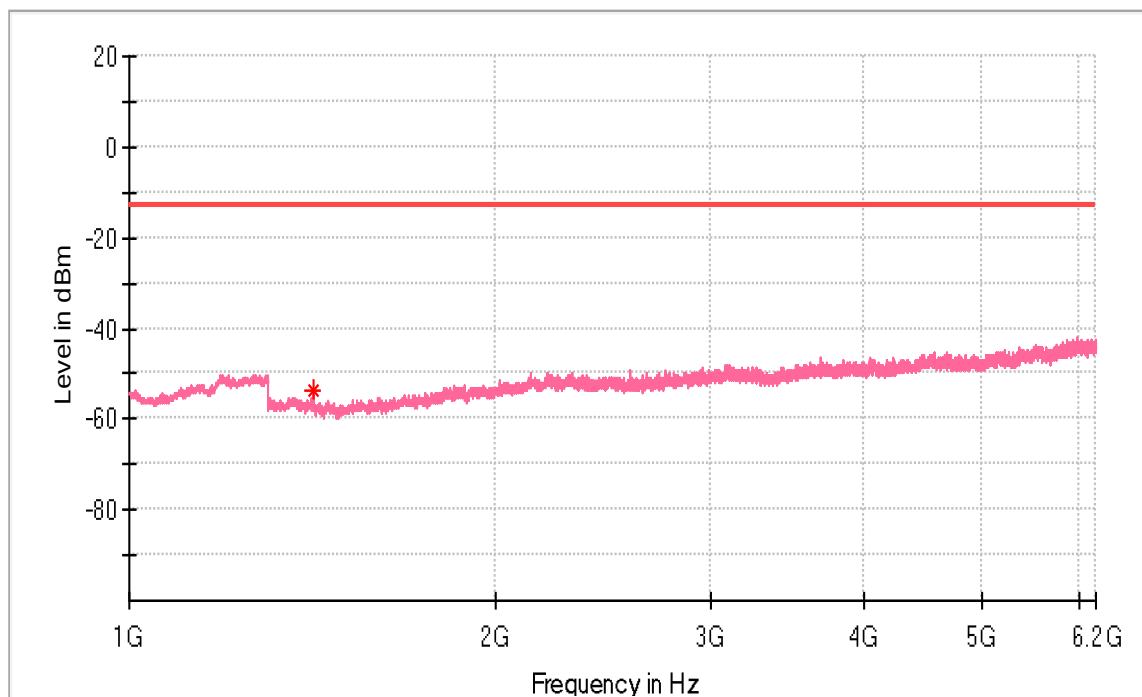


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-53.84	-13.00	40.84	100.0	H	298.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

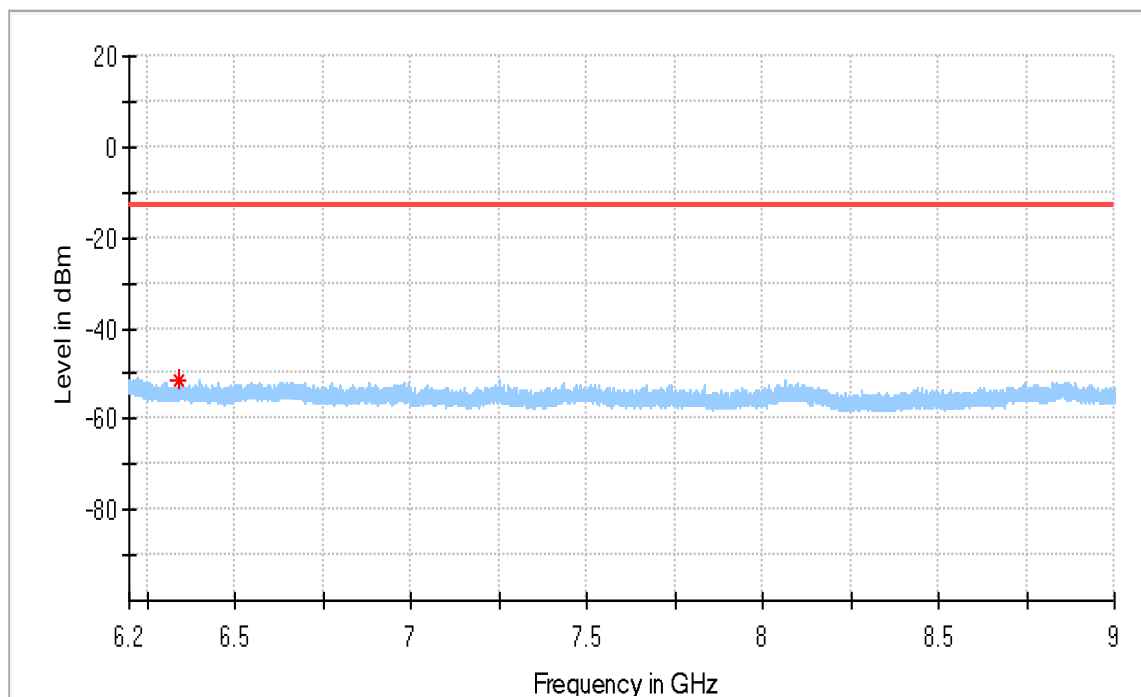


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-53.88	-13.00	40.88	100.0	V	146.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

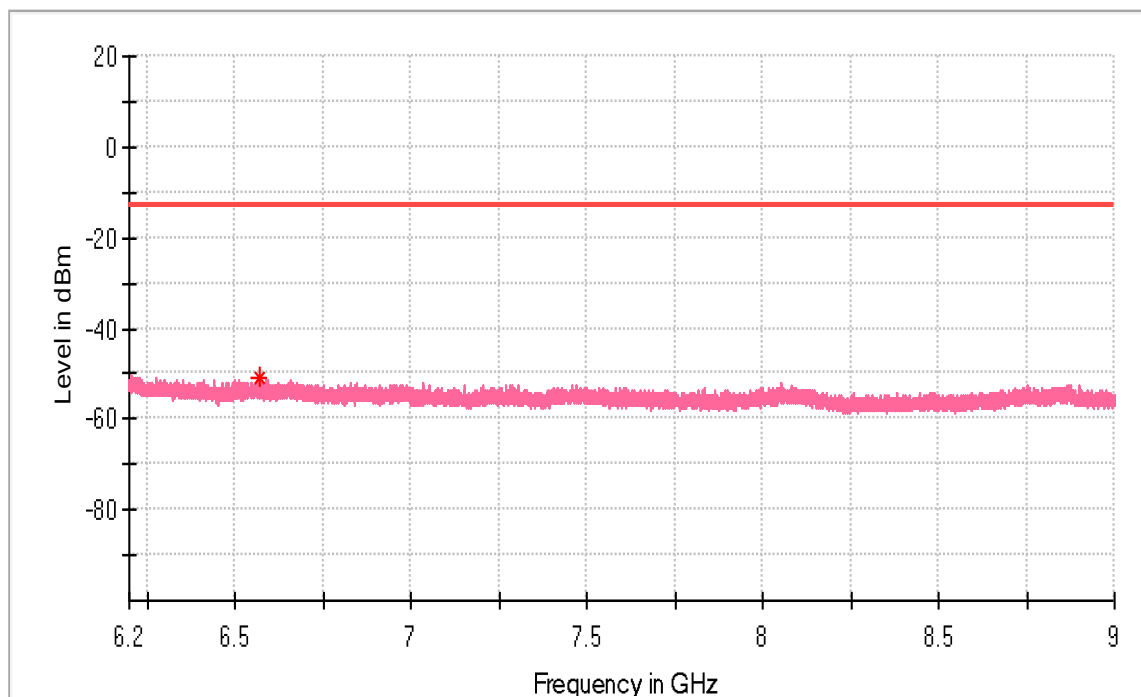


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6343.966667	-51.33	-13.00	38.33	100.0	H	308.0	-87.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

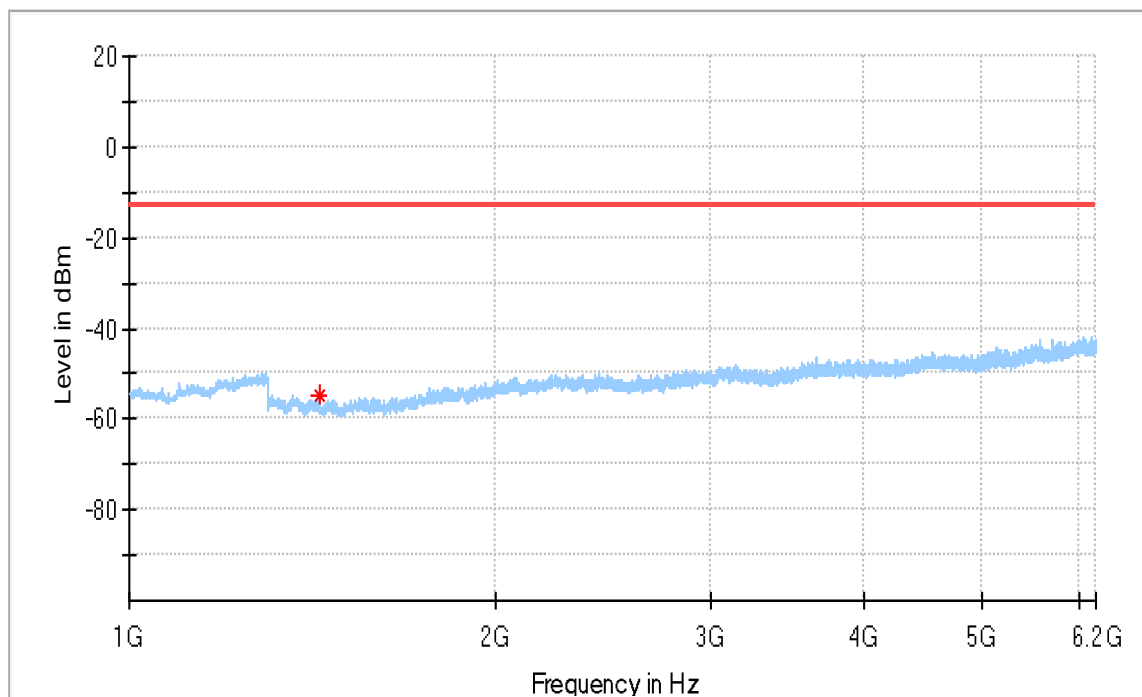


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6572.750000	-50.90	-13.00	37.90	100.0	V	203.0	-87.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

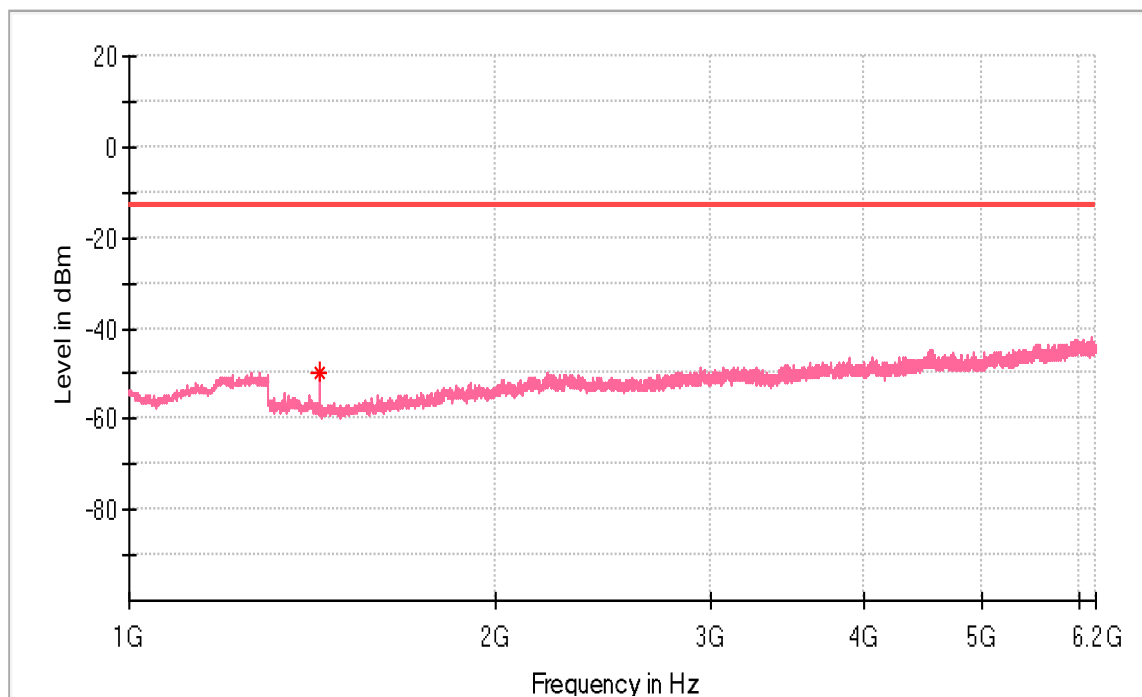


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-54.66	-13.00	41.66	100.0	H	297.0	-93.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

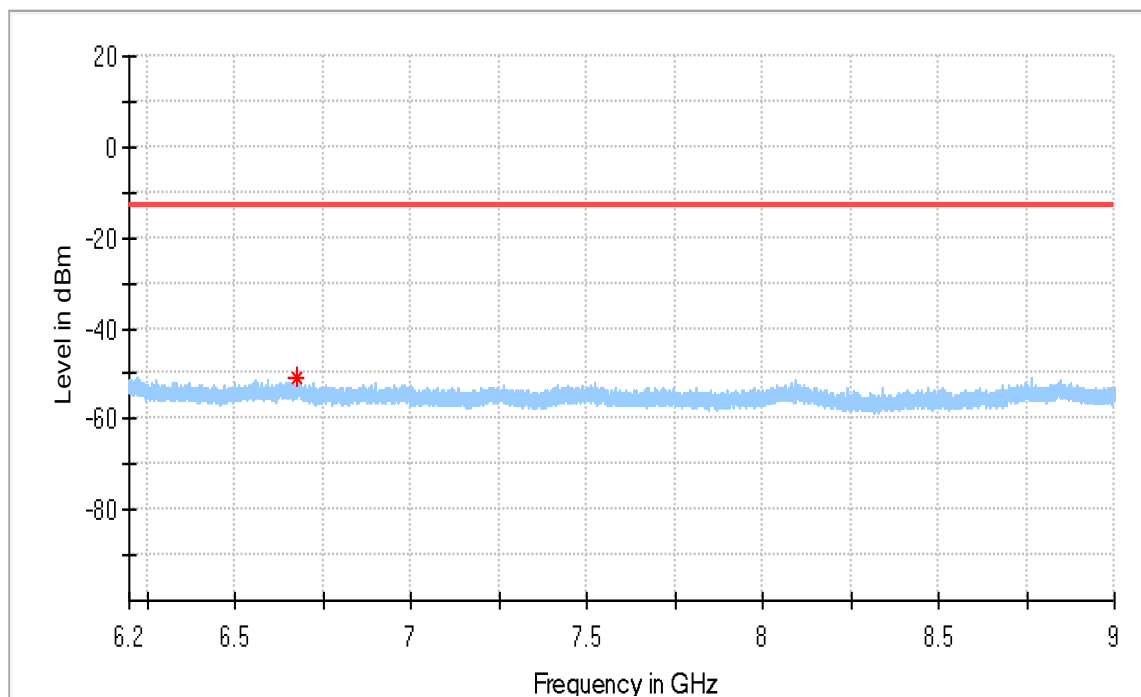


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-49.51	-13.00	36.51	100.0	V	192.0	-93.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

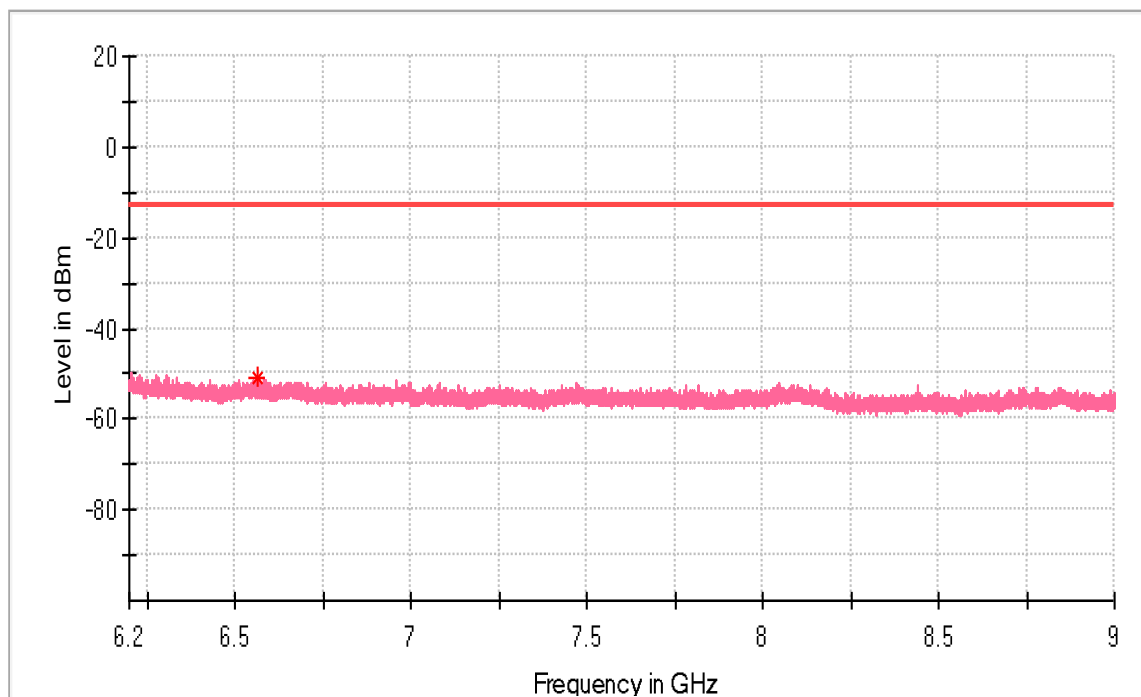


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6674.600000	-50.77	-13.00	37.77	100.0	H	161.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

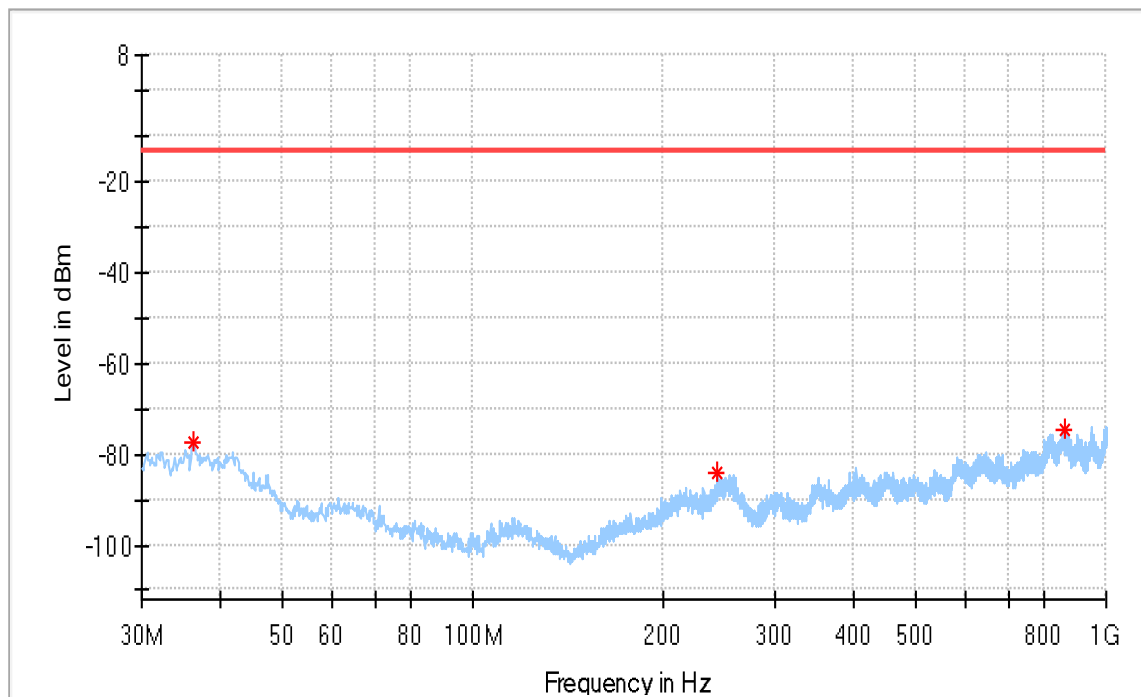
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6564.583333	-50.83	-13.00	37.83	100.0	V	133.0	-87.4

APPENDIX K.5: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 13

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

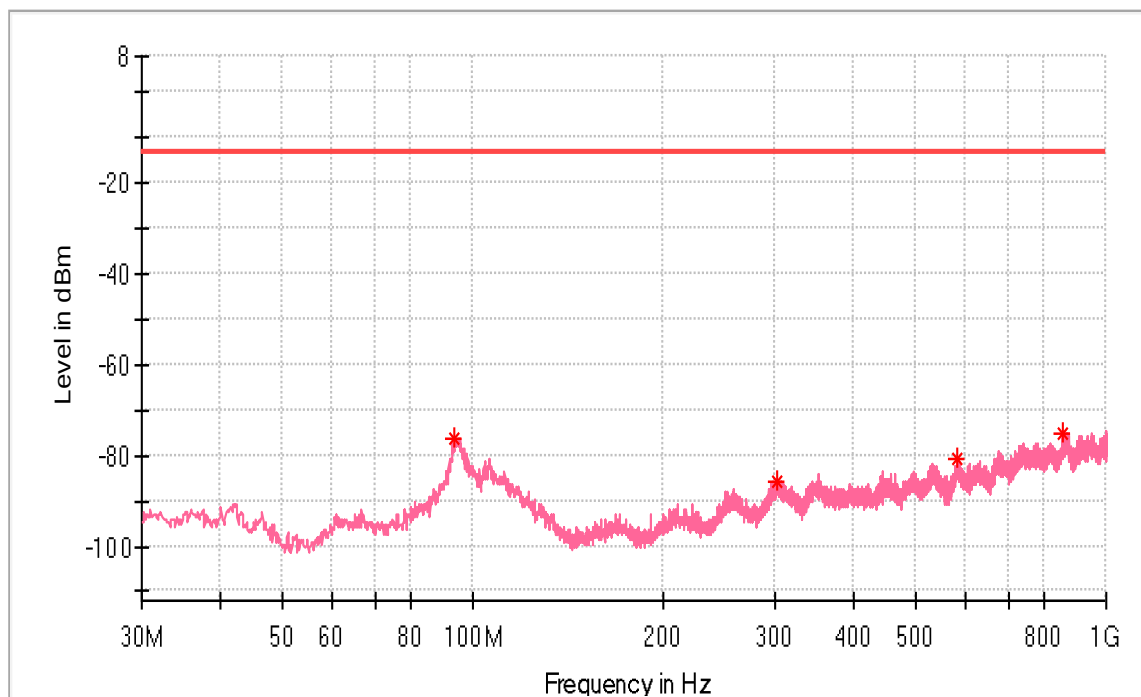


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.305000	-77.40	-13.00	64.40	100.0	H	44.0	-113.4
243.885000	-84.23	-13.00	71.23	100.0	H	241.0	-110.0
857.288750	-74.49	-13.00	61.49	100.0	H	241.0	-99.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



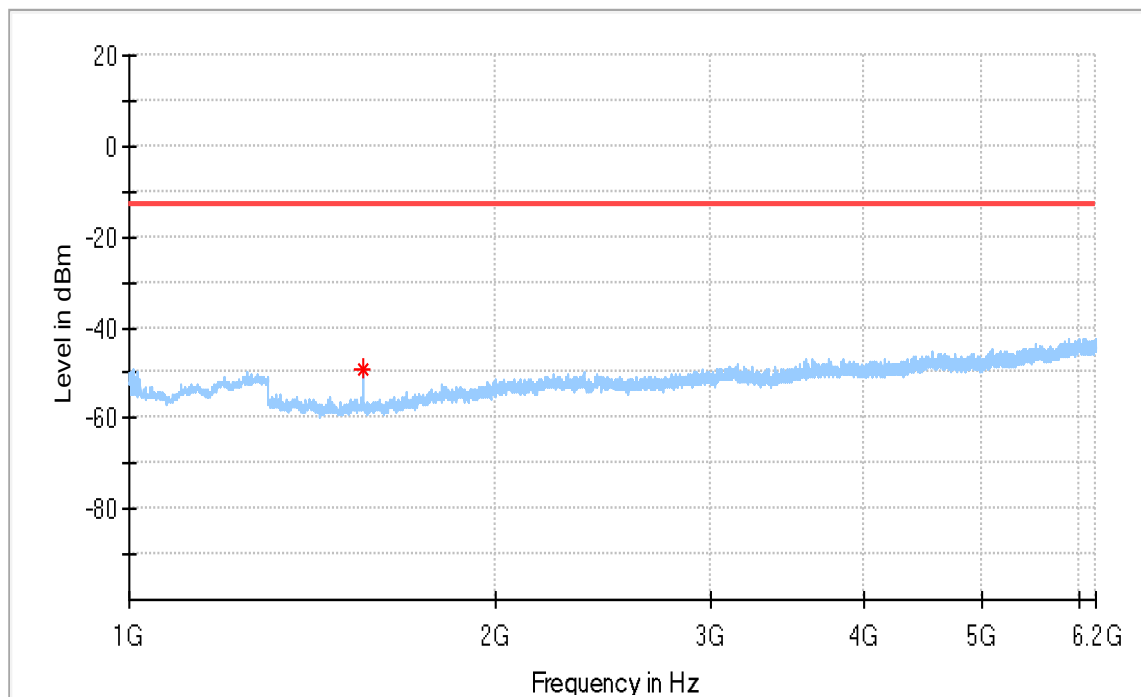
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.777500	-76.38	-13.00	63.38	100.0	V	345.0	-100.5
302.085000	-85.72	-13.00	72.72	100.0	V	5.0	-111.0
580.111250	-80.80	-13.00	67.80	100.0	V	217.0	-106.6
856.682500	-75.07	-13.00	62.07	100.0	V	0.0	-100.3

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

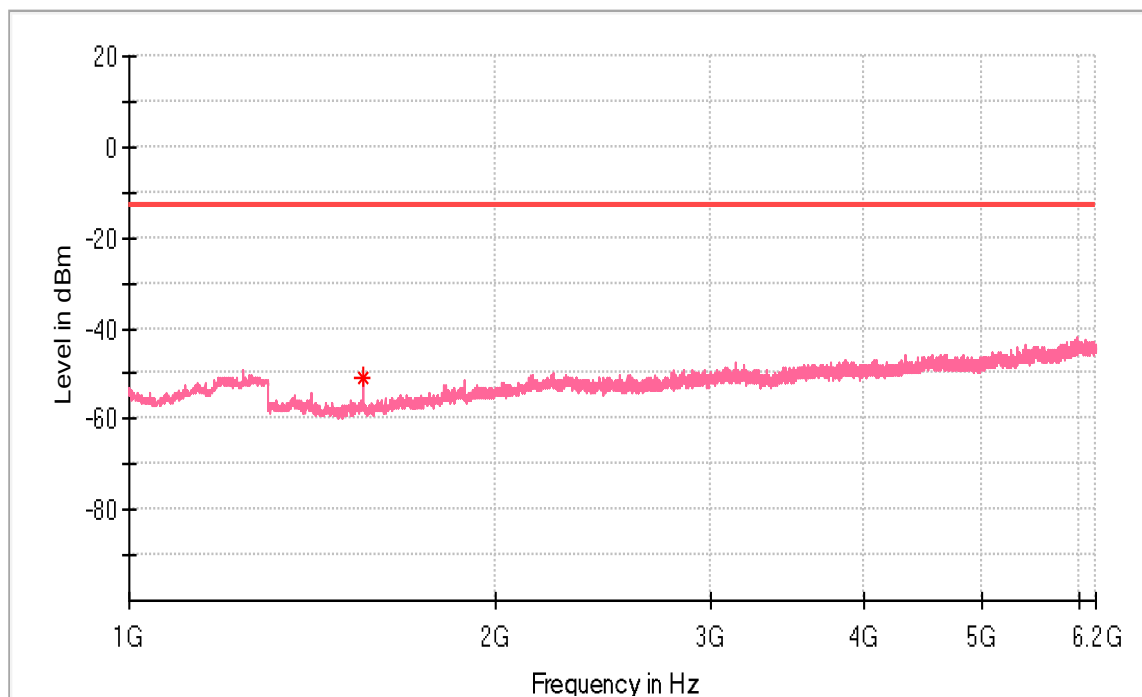


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.000000	-49.48	-13.00	36.48	100.0	H	231.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

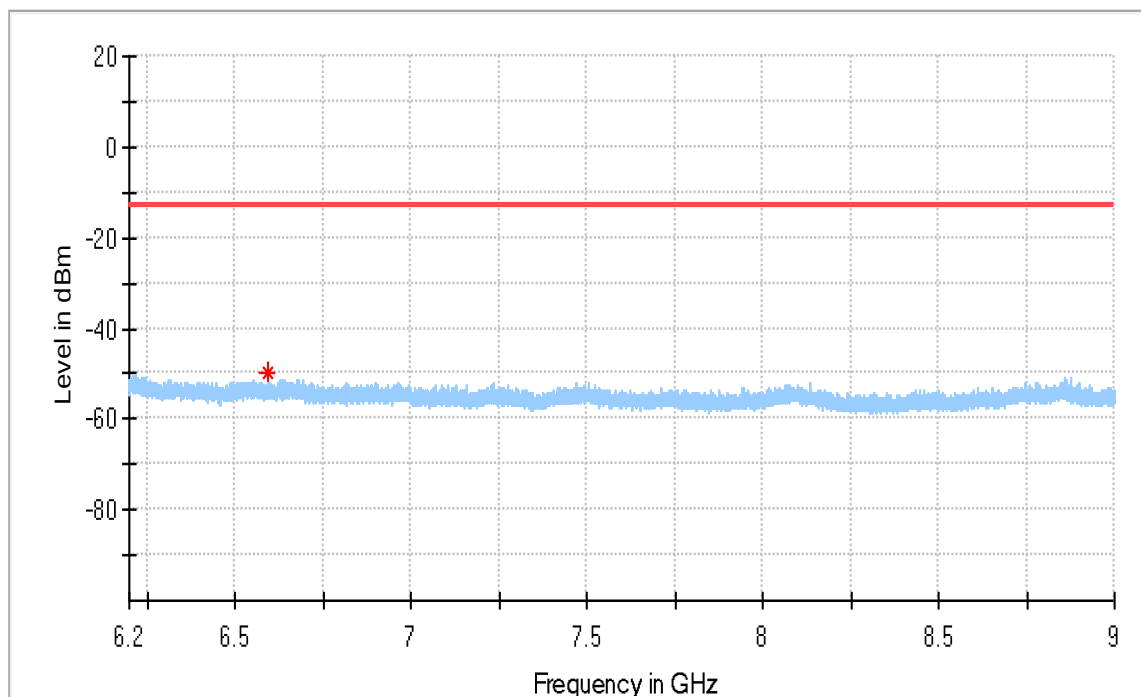


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.000000	-51.14	-13.00	38.14	100.0	V	188.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

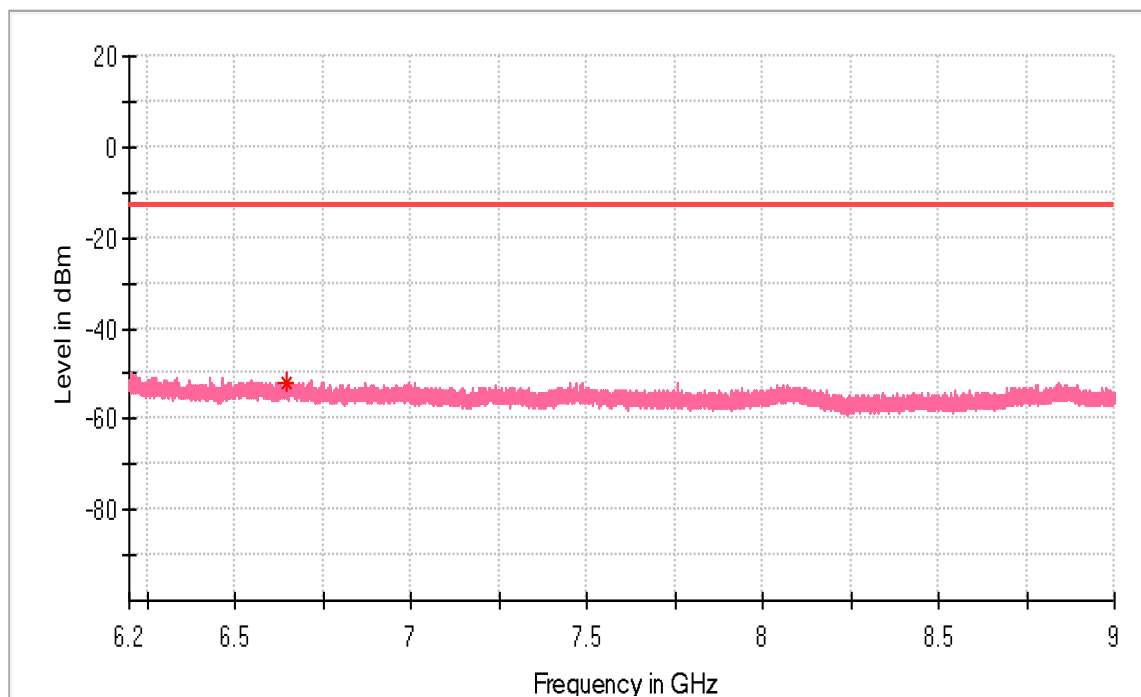


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6594.100000	-50.03	-13.00	37.03	100.0	H	49.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

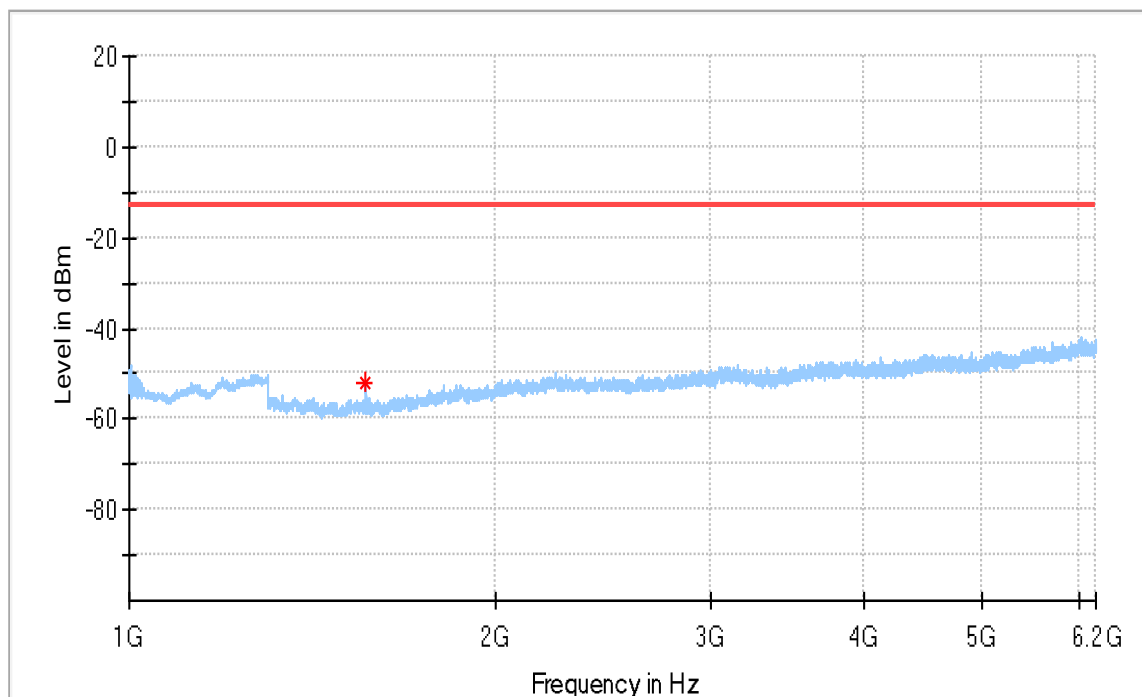


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6646.250000	-51.91	-13.00	38.91	100.0	V	2.0	-87.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

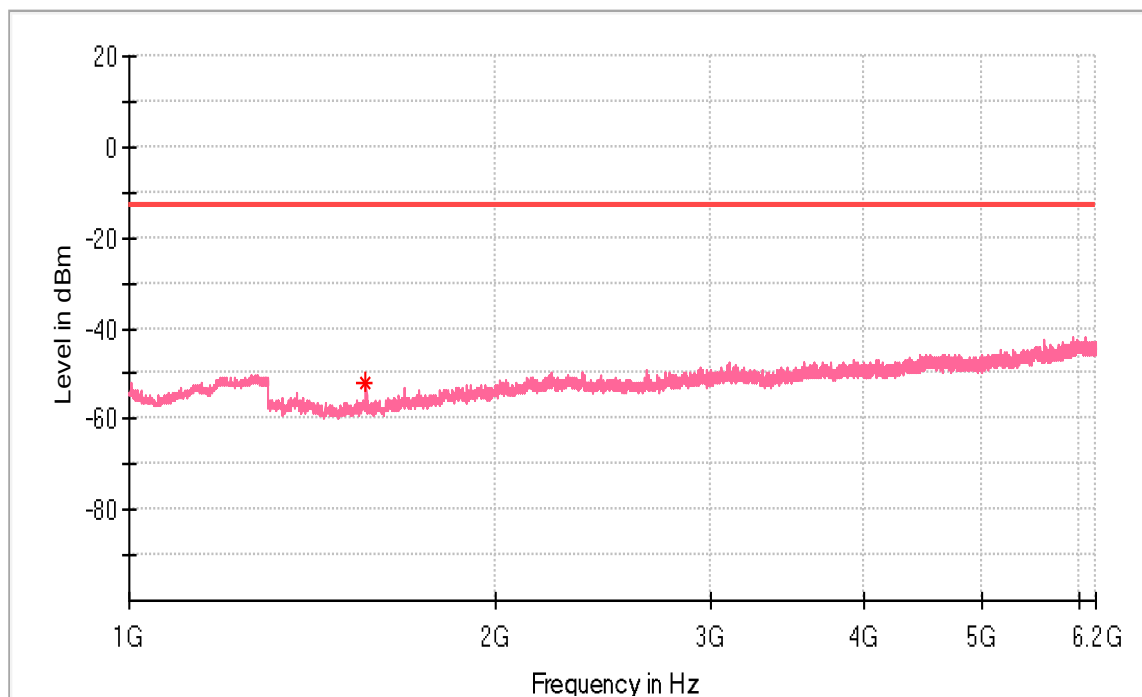


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1563.500000	-52.12	-13.00	39.12	100.0	H	358.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

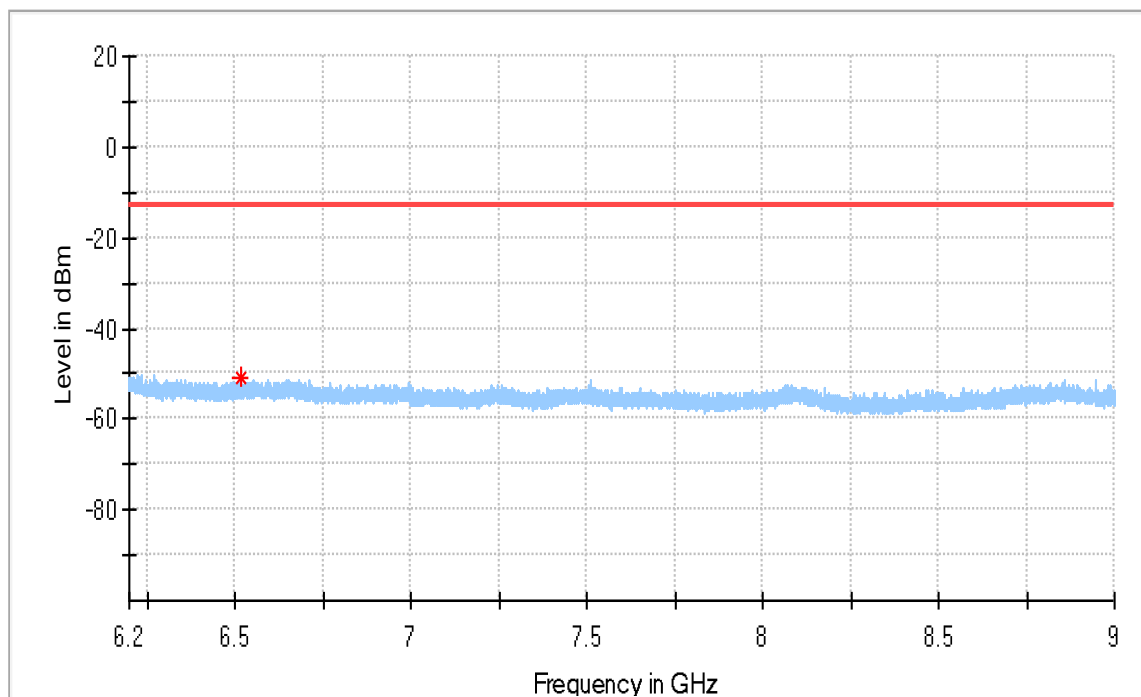


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1563.500000	-51.92	-13.00	38.92	100.0	V	336.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

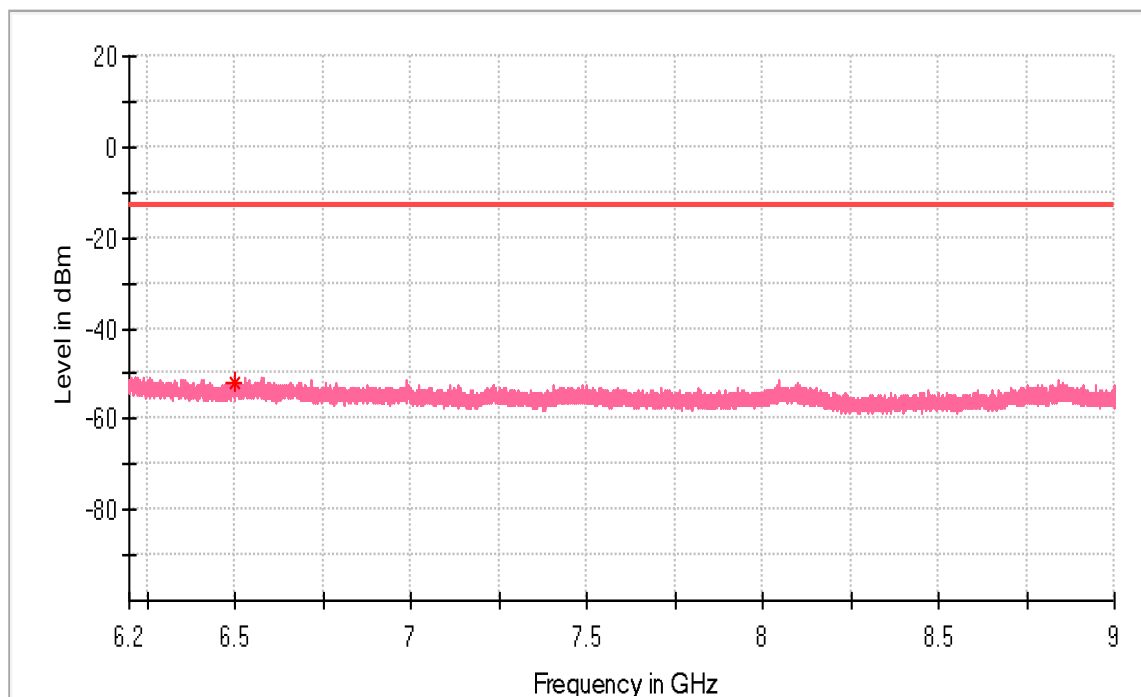


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6519.200000	-51.11	-13.00	38.11	100.0	H	65.0	-87.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

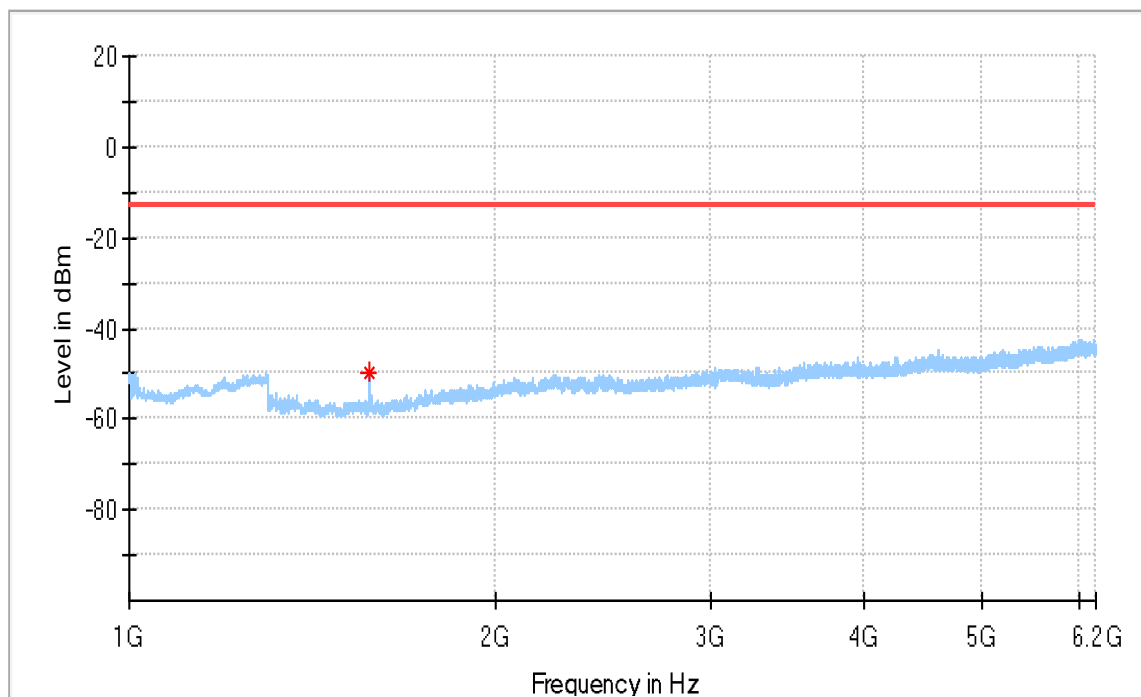


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6497.733333	-51.77	-13.00	38.77	100.0	V	314.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

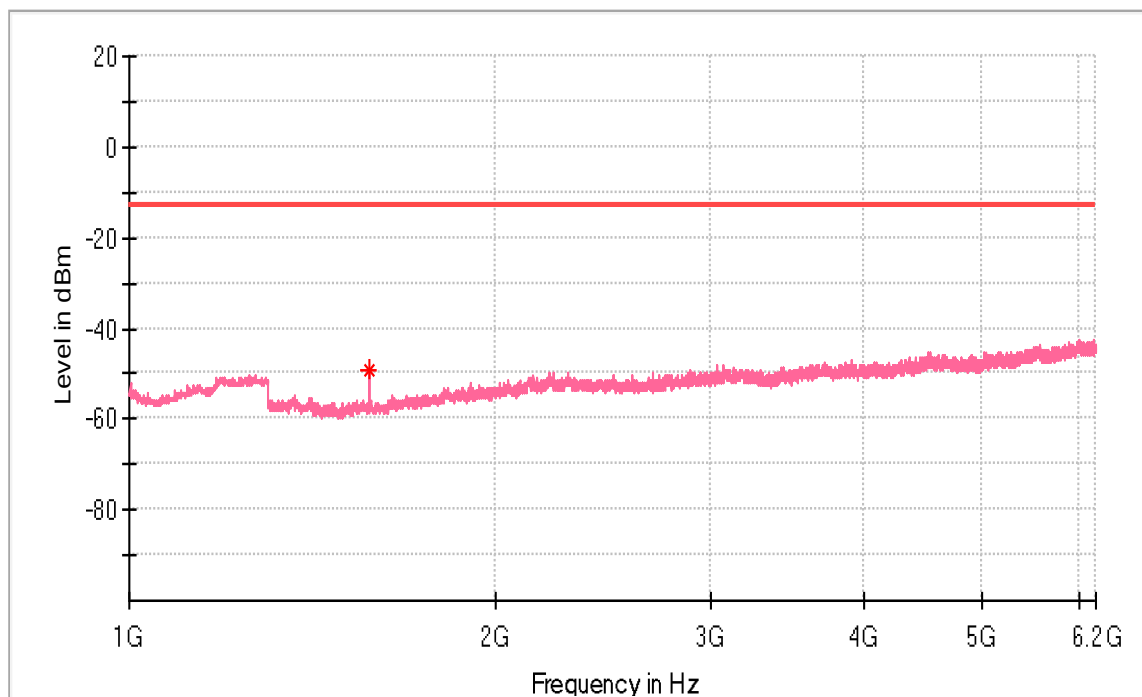


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.000000	-49.55	-13.00	36.55	100.0	H	344.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

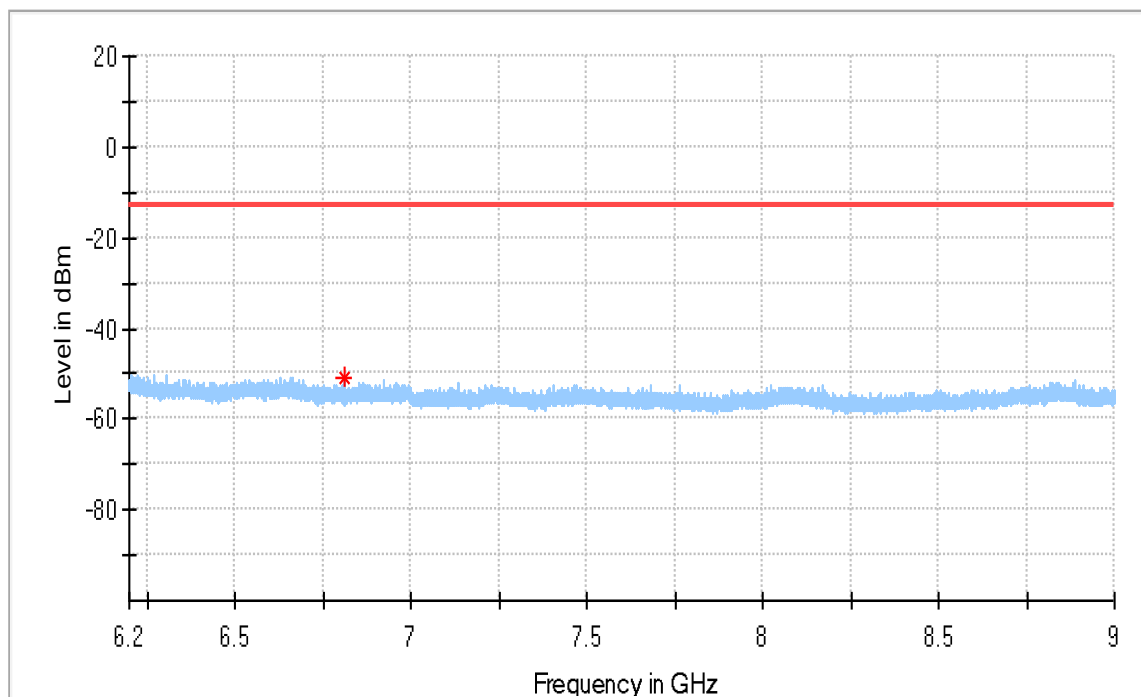


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-49.06	-13.00	36.06	100.0	V	341.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

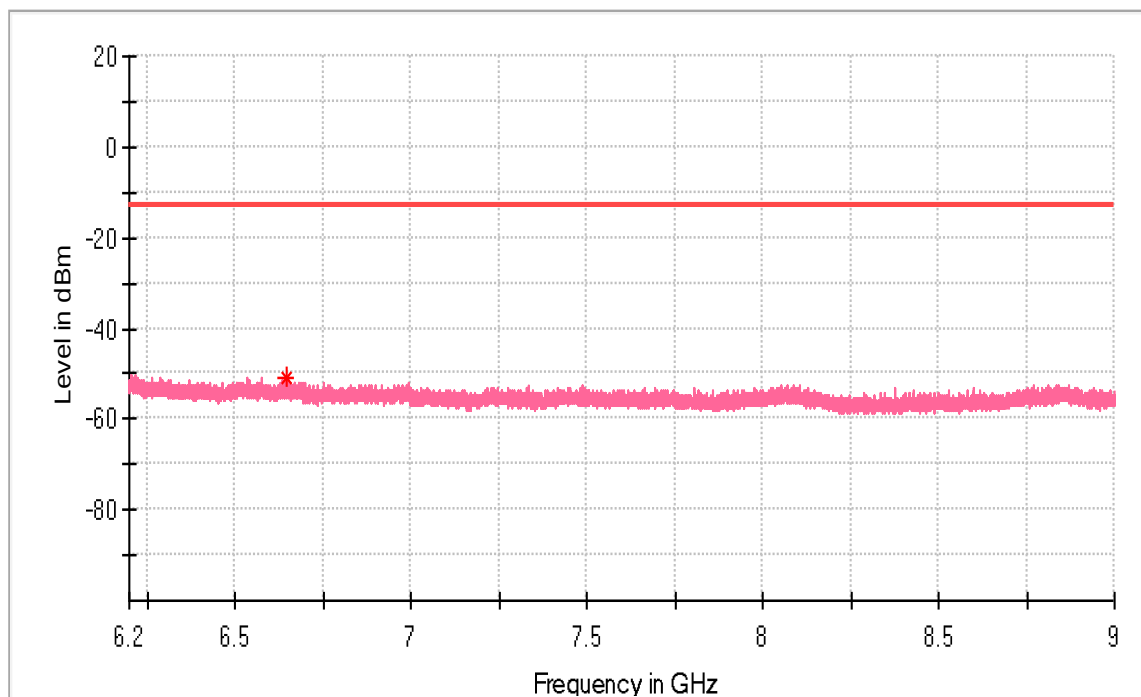


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6809.583333	-50.89	-13.00	37.89	100.0	H	24.0	-88.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



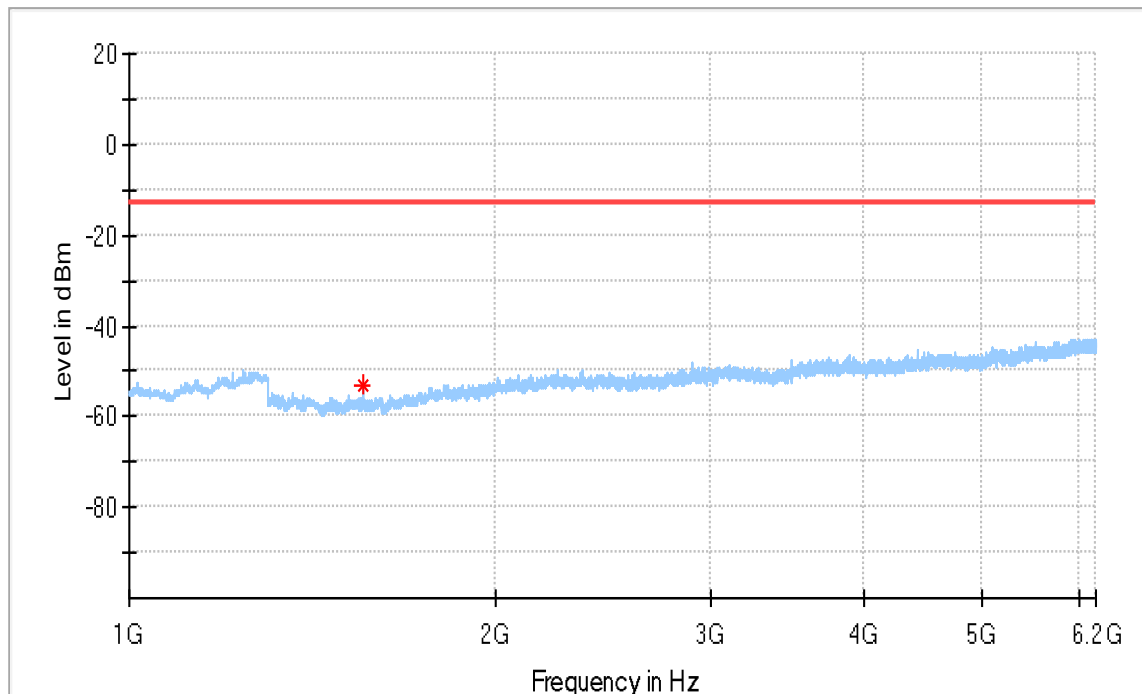
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6644.266667	-50.78	-13.00	37.78	100.0	V	0.0	-87.9

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

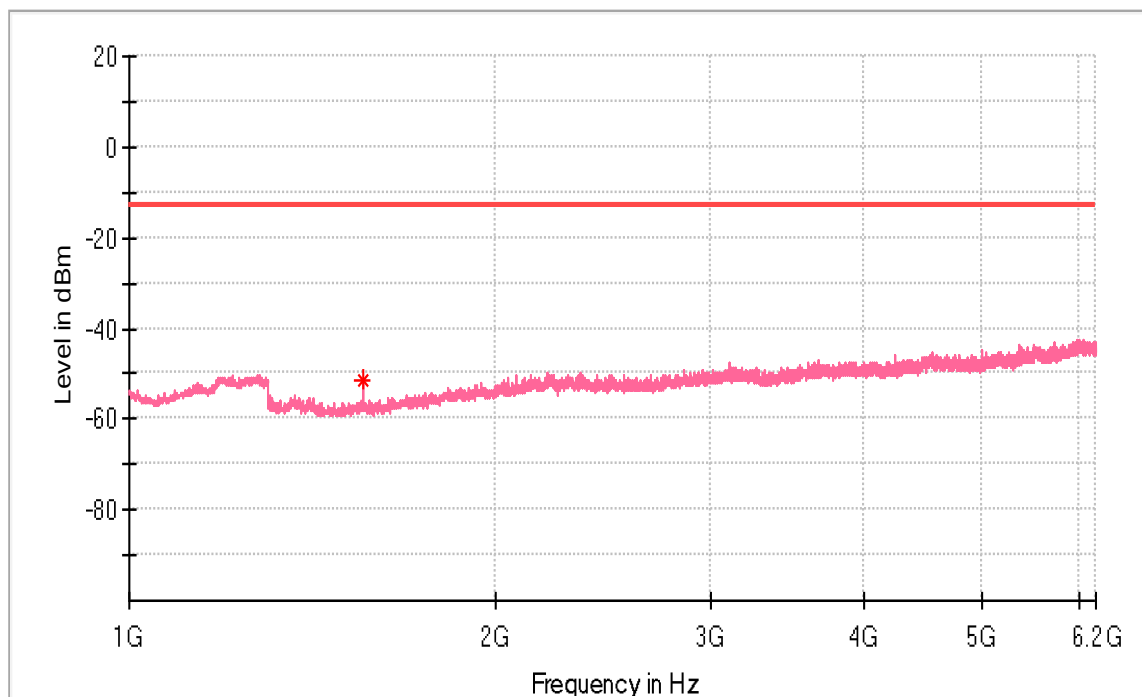


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1553.500000	-52.98	-13.00	39.98	100.0	H	343.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

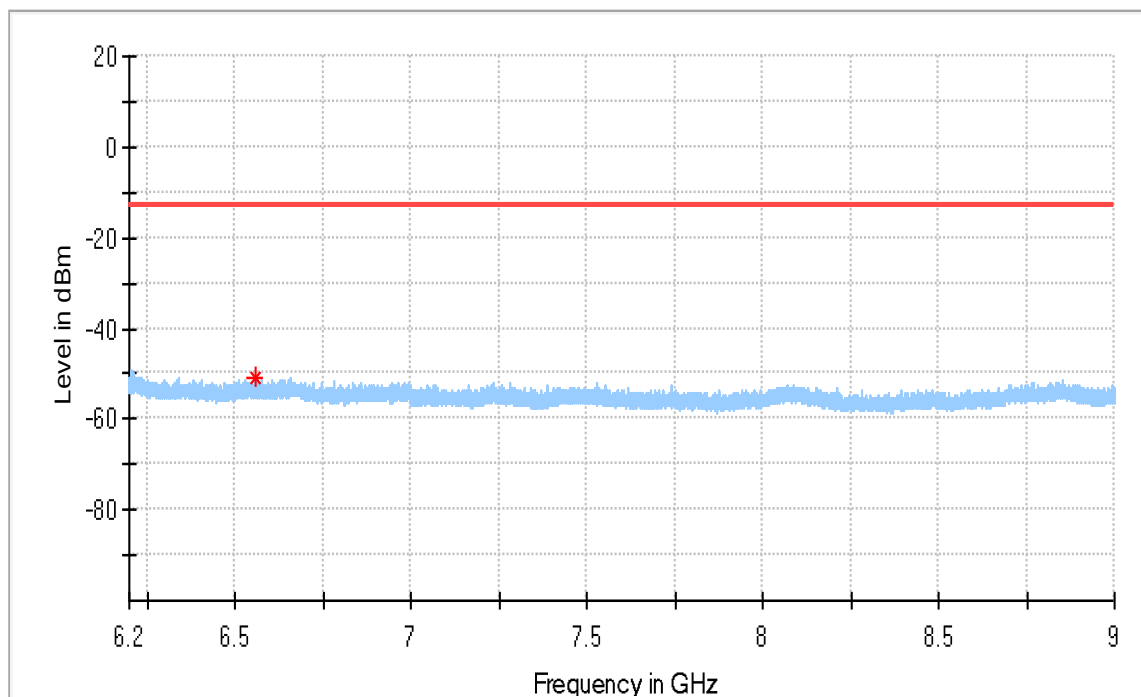


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.000000	-51.63	-13.00	38.63	100.0	V	166.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

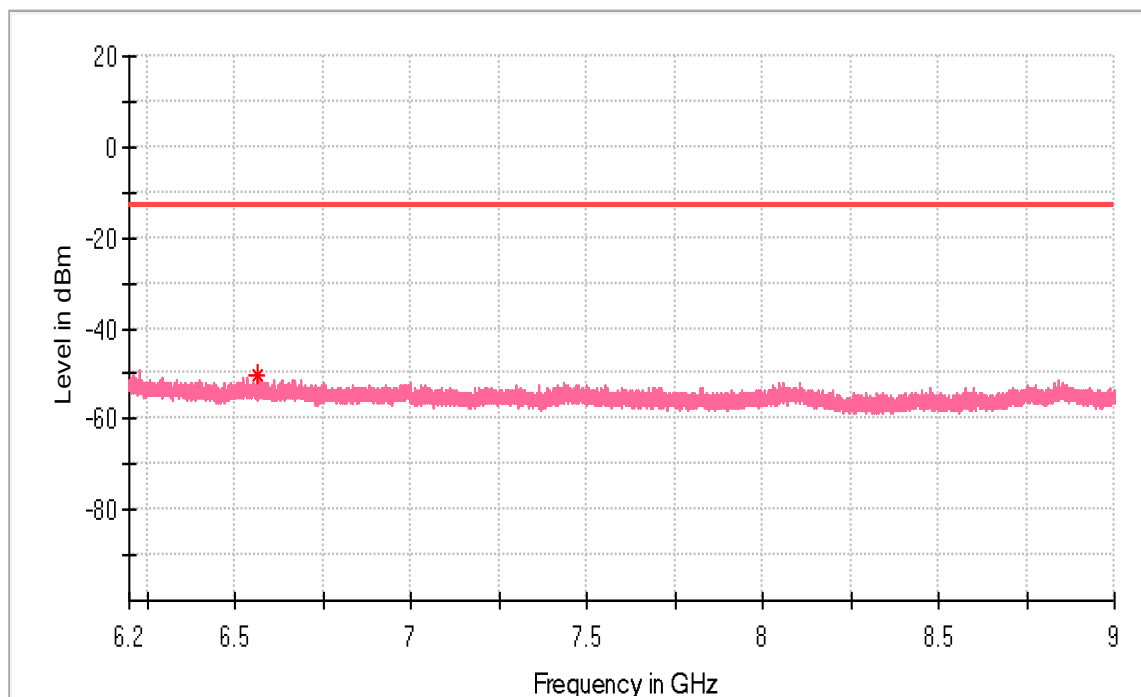


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6557.933333	-51.02	-13.00	38.02	100.0	H	143.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

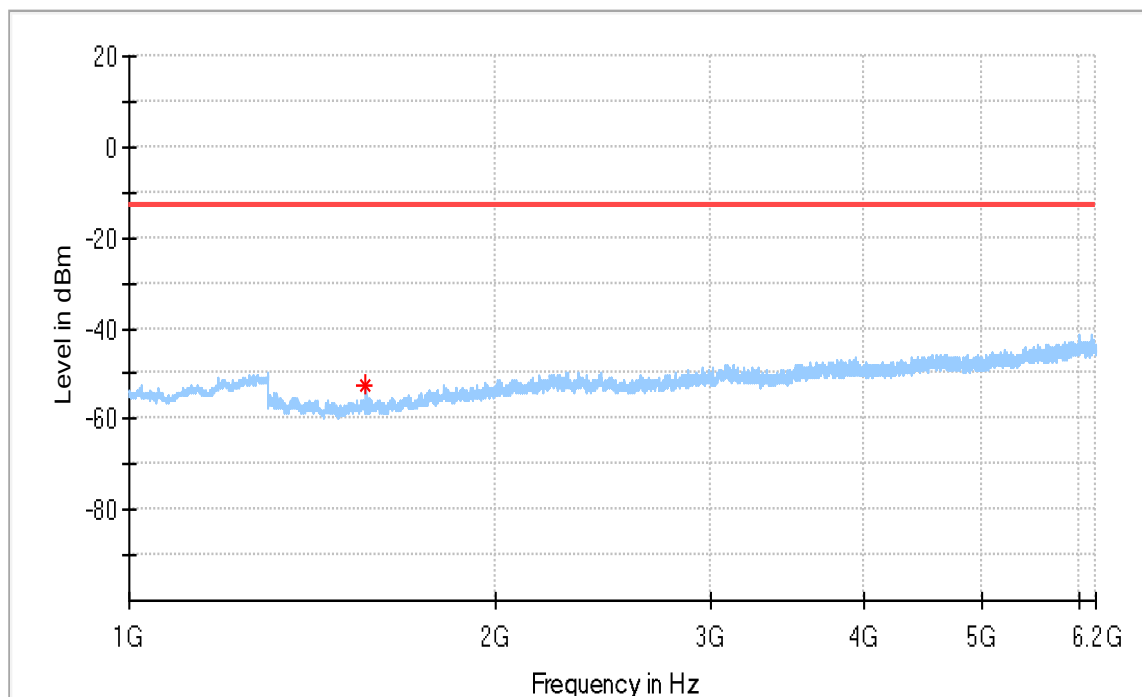


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6565.516667	-50.29	-13.00	37.29	100.0	V	172.0	-87.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

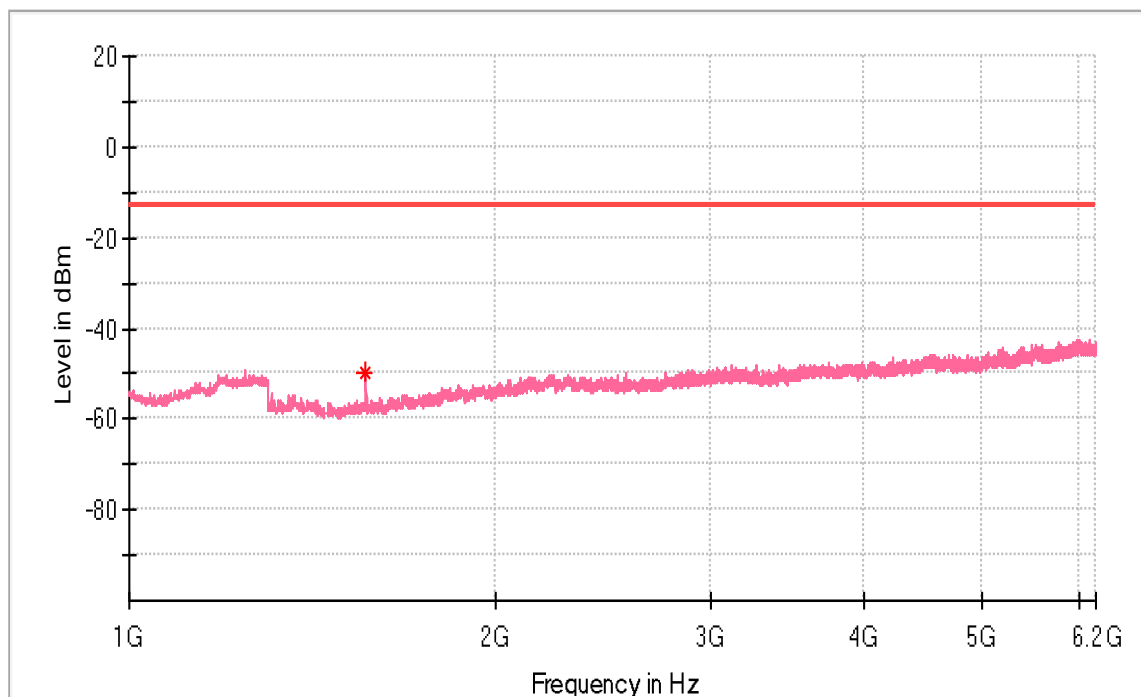


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1563.500000	-52.65	-13.00	39.65	100.0	H	324.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

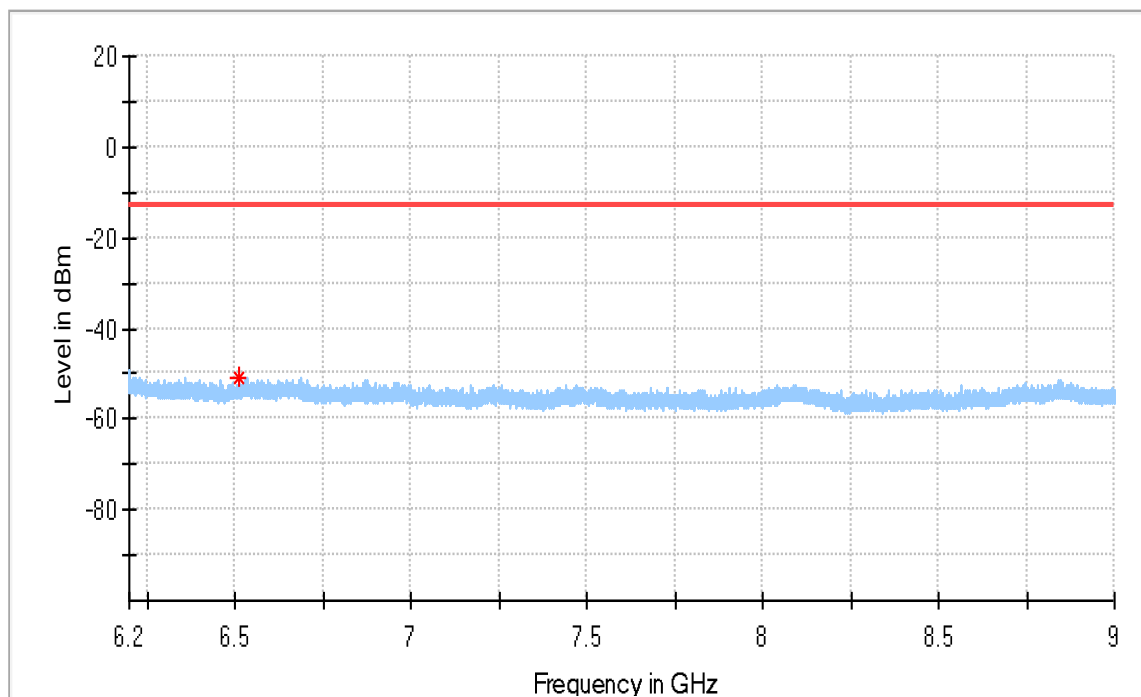


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1563.500000	-50.02	-13.00	37.02	100.0	V	243.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

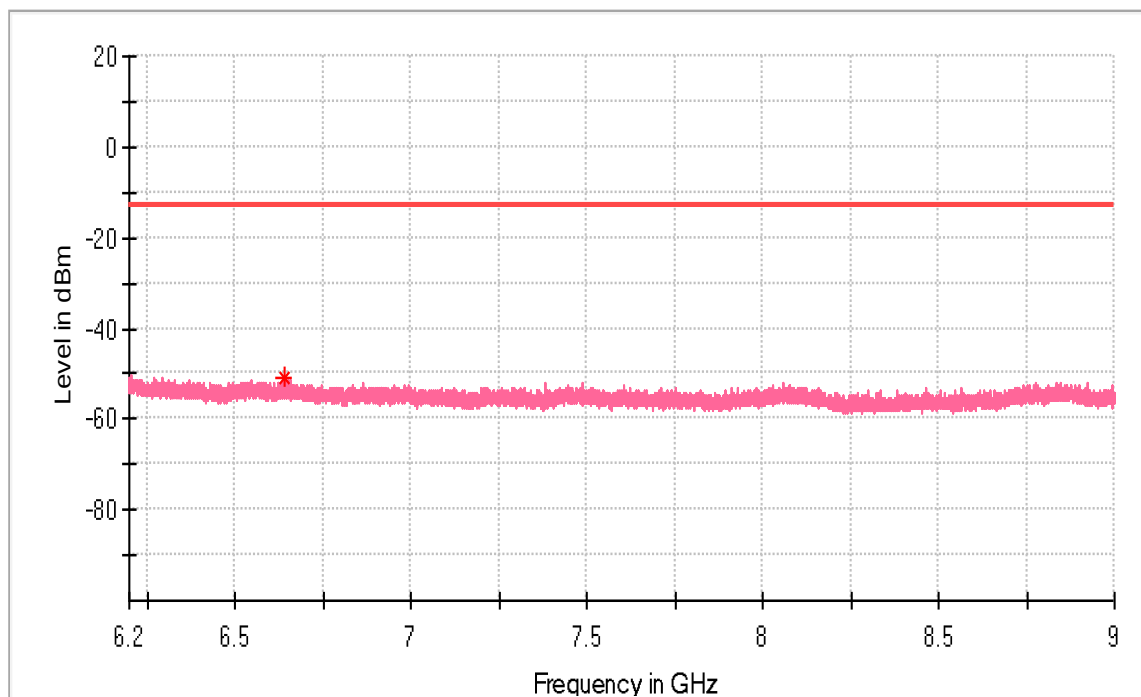


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6513.366667	-51.03	-13.00	38.03	100.0	H	247.0	-87.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

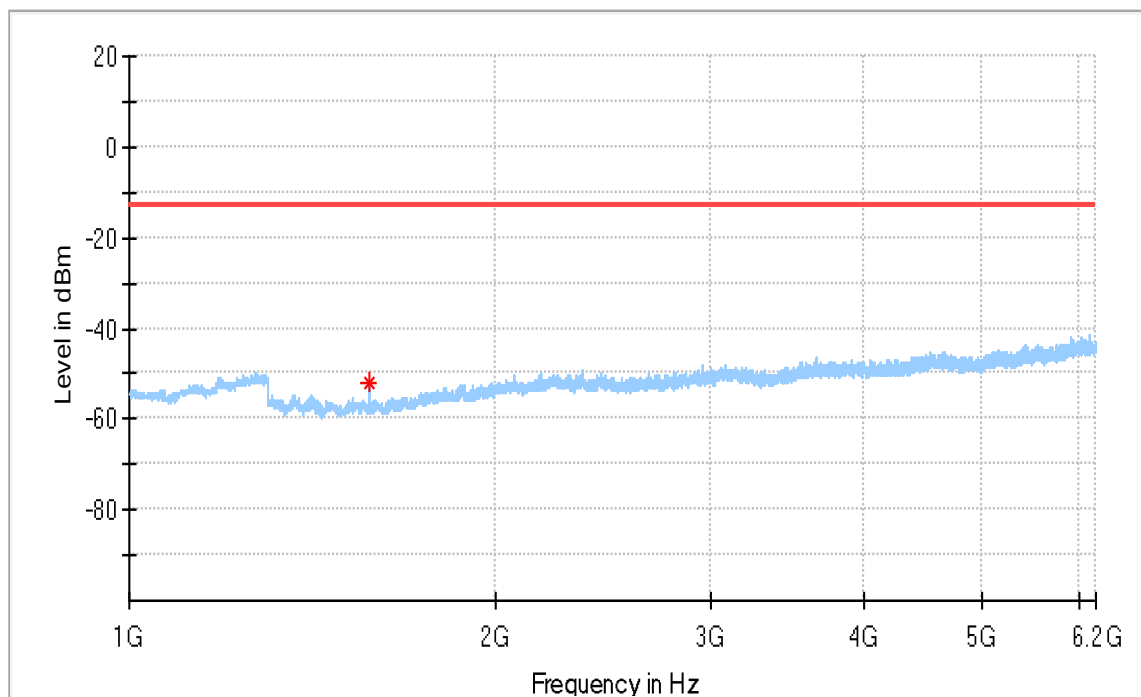


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6642.050000	-50.83	-13.00	37.83	100.0	V	0.0	-88.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

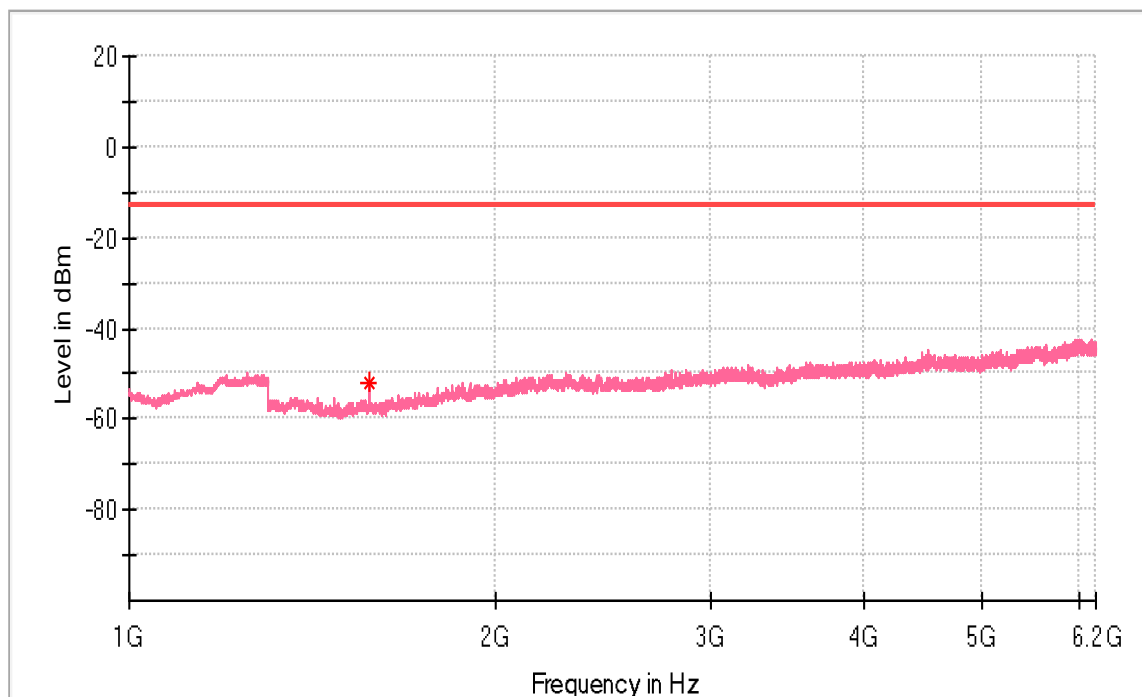


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.000000	-52.00	-13.00	39.00	100.0	H	201.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

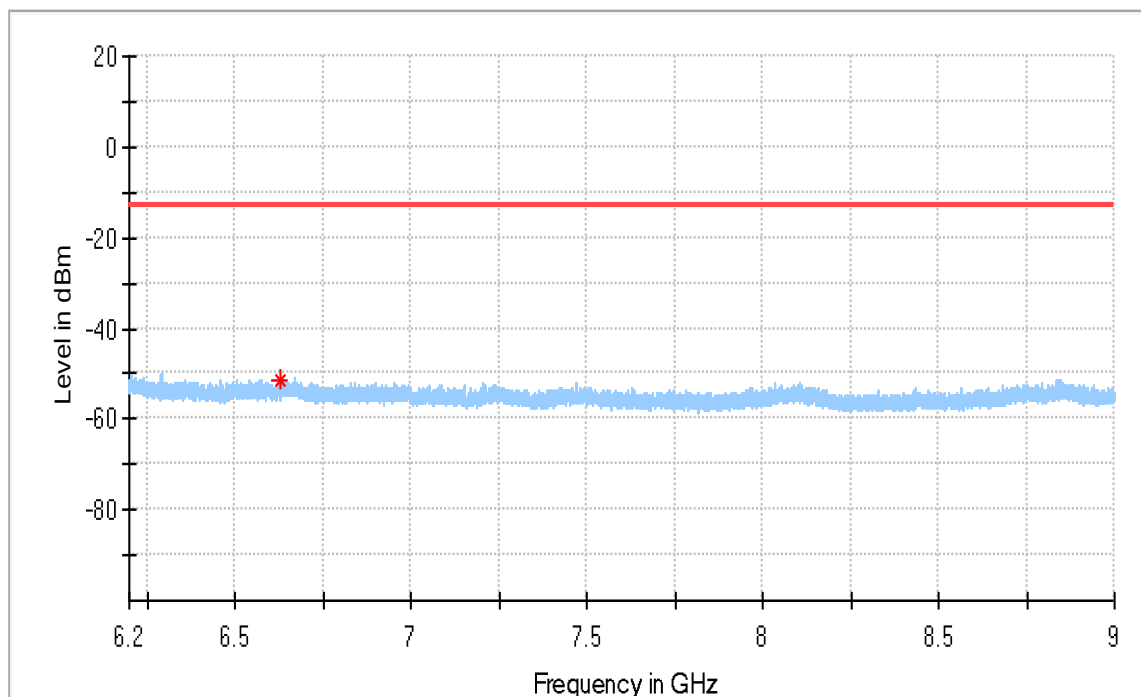


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-52.09	-13.00	39.09	100.0	V	326.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

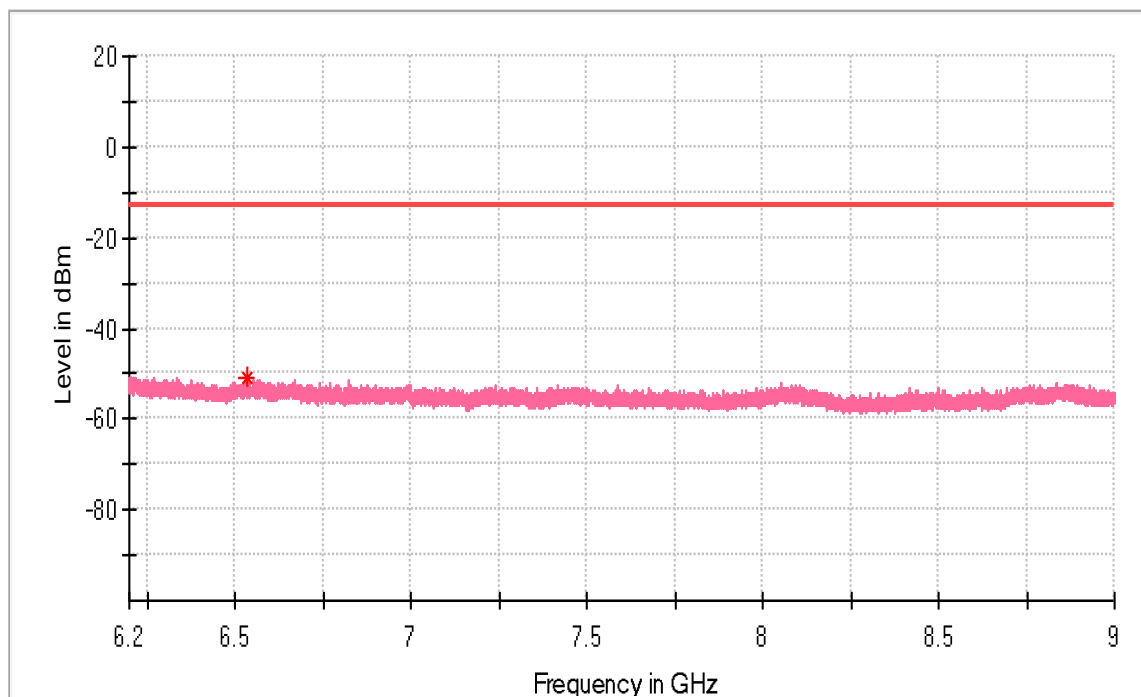


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6631.433333	-51.28	-13.00	38.28	100.0	H	22.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

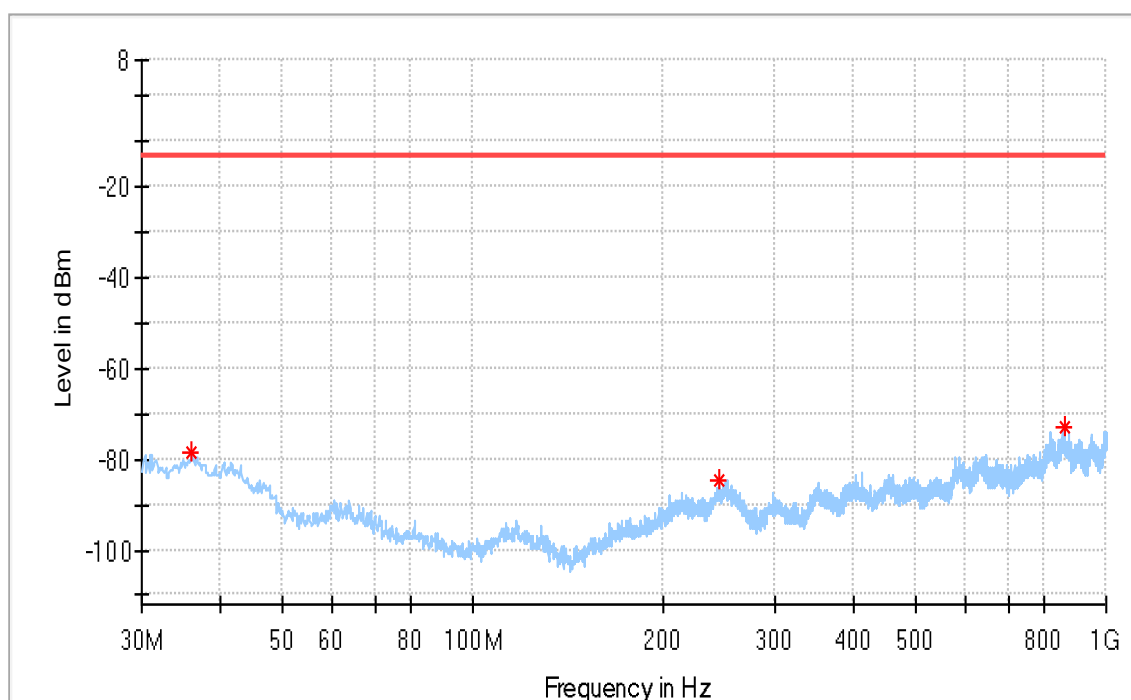
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6537.166667	-50.93	-13.00	37.93	100.0	V	126.0	-87.4

APPENDIX K.6: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 25

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

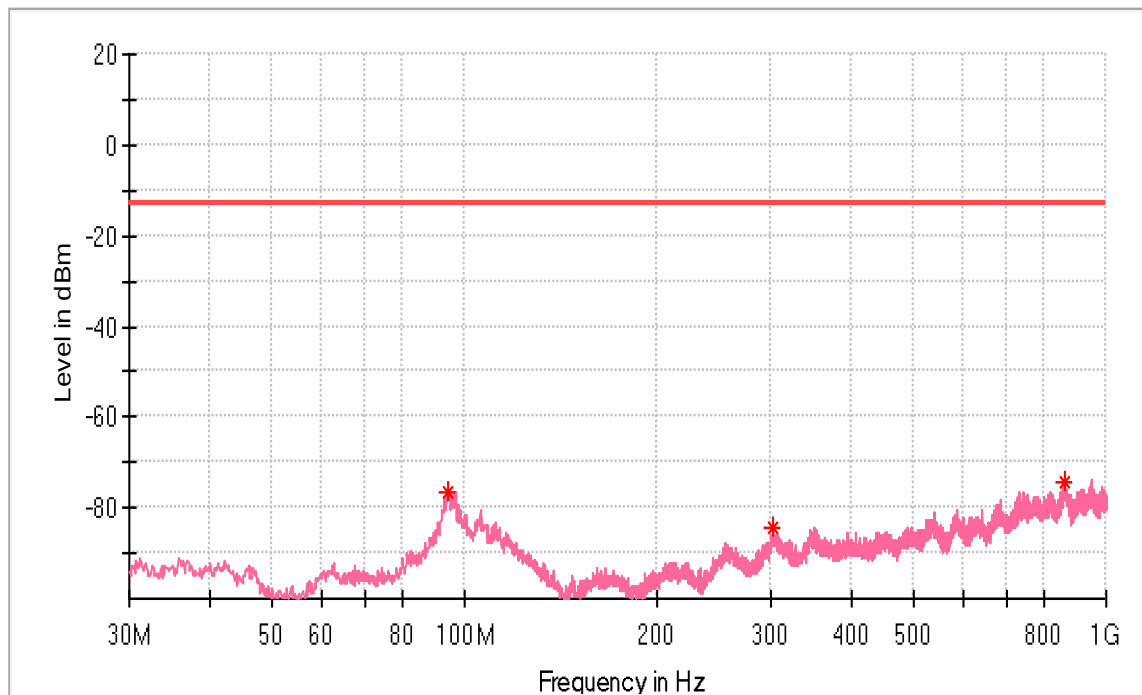


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-78.30	-13.00	65.30	100.0	H	42.0	-113.6
244.733750	-84.52	-13.00	71.52	100.0	H	116.0	-110.0
859.107500	-72.95	-13.00	59.95	100.0	H	238.0	-99.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



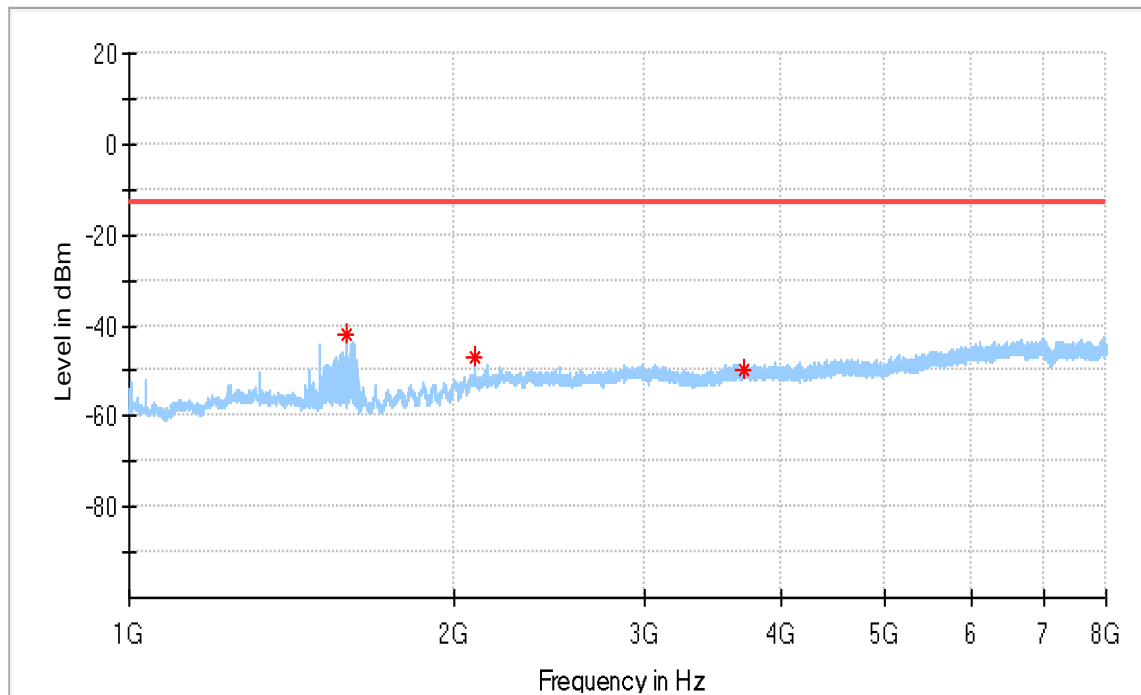
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.383750	-76.38	-13.00	63.38	100.0	V	216.0	-99.7
301.842500	-84.39	-13.00	71.39	100.0	V	117.0	-111.0
864.321250	-74.27	-13.00	61.27	100.0	V	247.0	-99.6

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

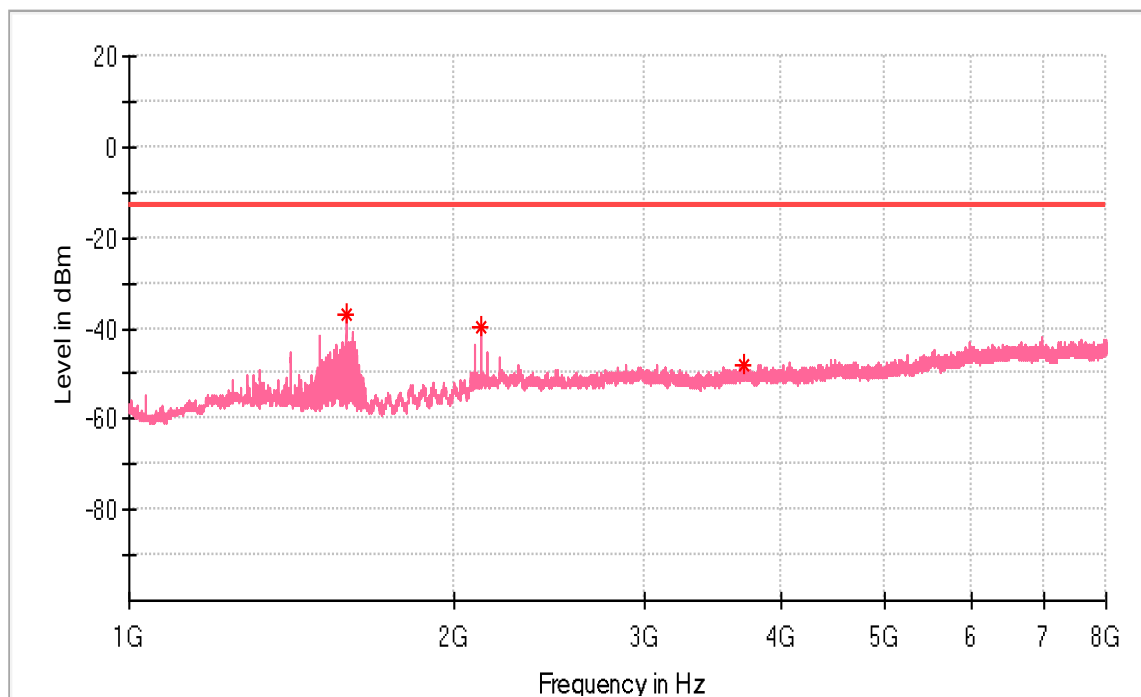


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1585.500000	-41.69	-13.00	28.69	100.0	H	329.0	-92.9
2085.000000	-47.18	-13.00	34.18	100.0	H	298.0	-88.6
3700.500000	-49.71	-13.00	36.71	100.0	H	139.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

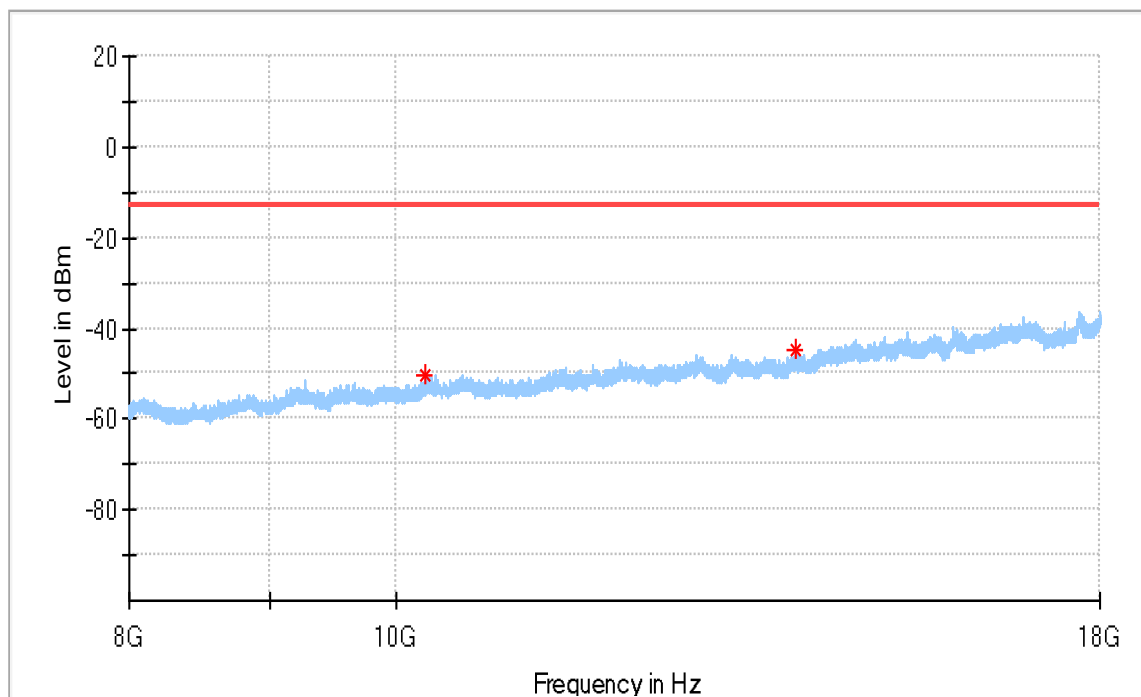


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1586.000000	-36.76	-13.00	23.76	100.0	V	343.0	-93.0
2114.500000	-39.73	-13.00	26.73	100.0	V	319.0	-88.4
3702.500000	-48.32	-13.00	35.32	100.0	V	279.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

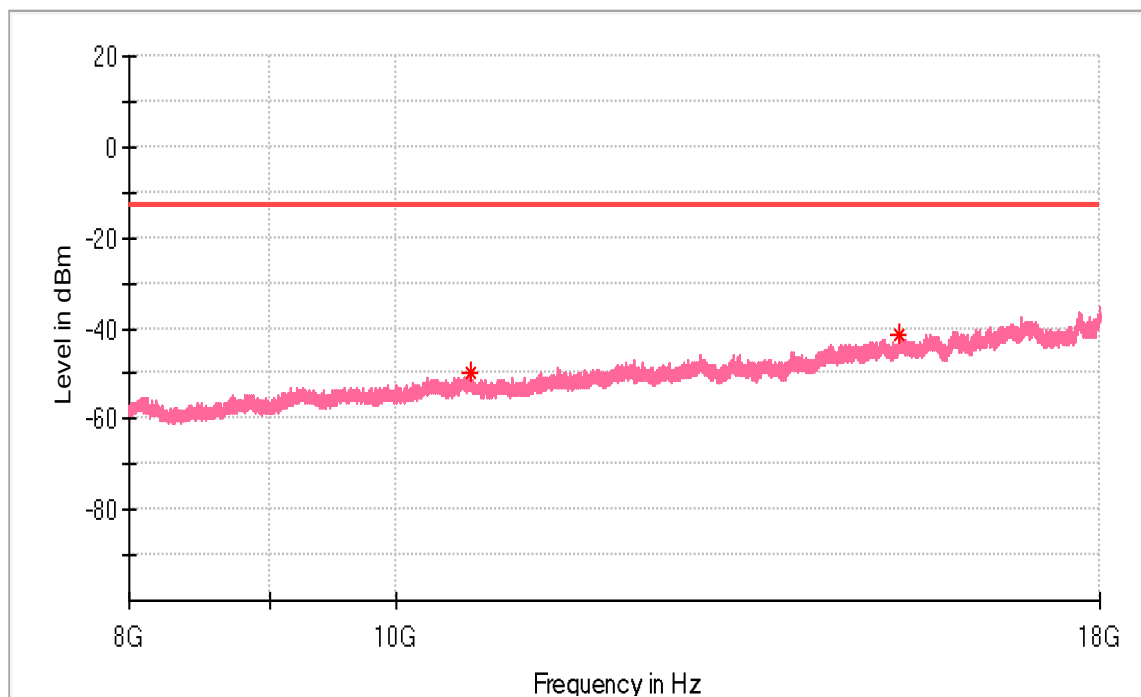


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10238.000000	-50.24	-13.00	37.24	100.0	H	235.0	-83.1
13956.500000	-44.72	-13.00	31.72	100.0	H	0.0	-79.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

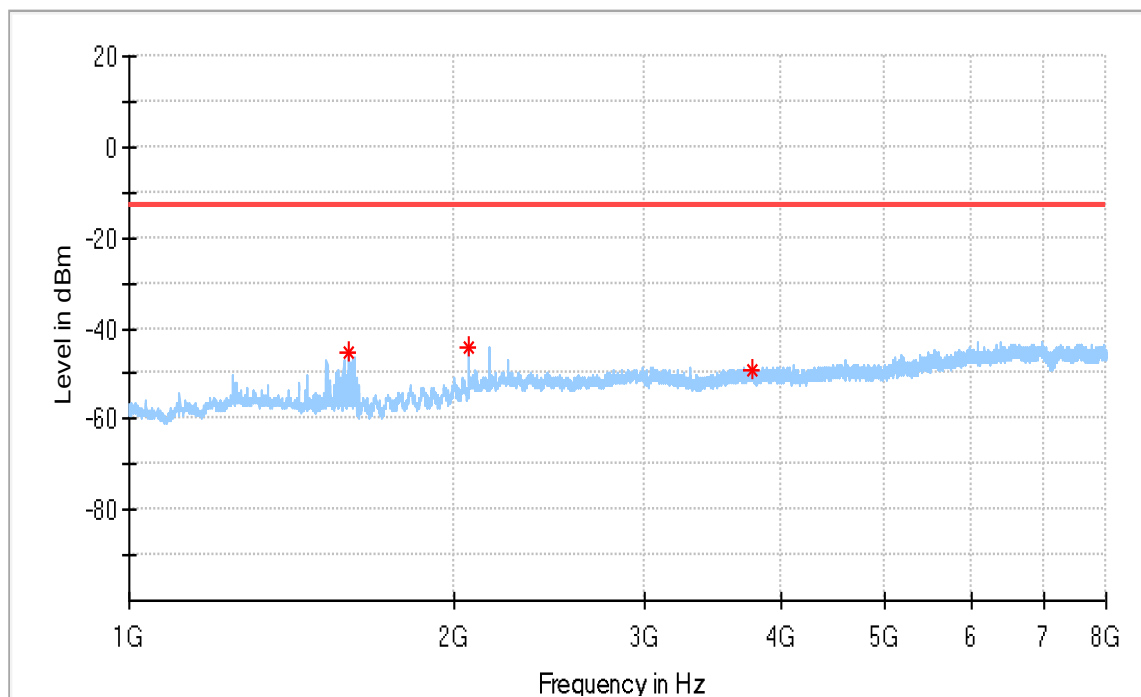


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10634.500000	-50.02	-13.00	37.02	100.0	V	306.0	-83.3
15227.500000	-41.27	-13.00	28.27	100.0	V	195.0	-77.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

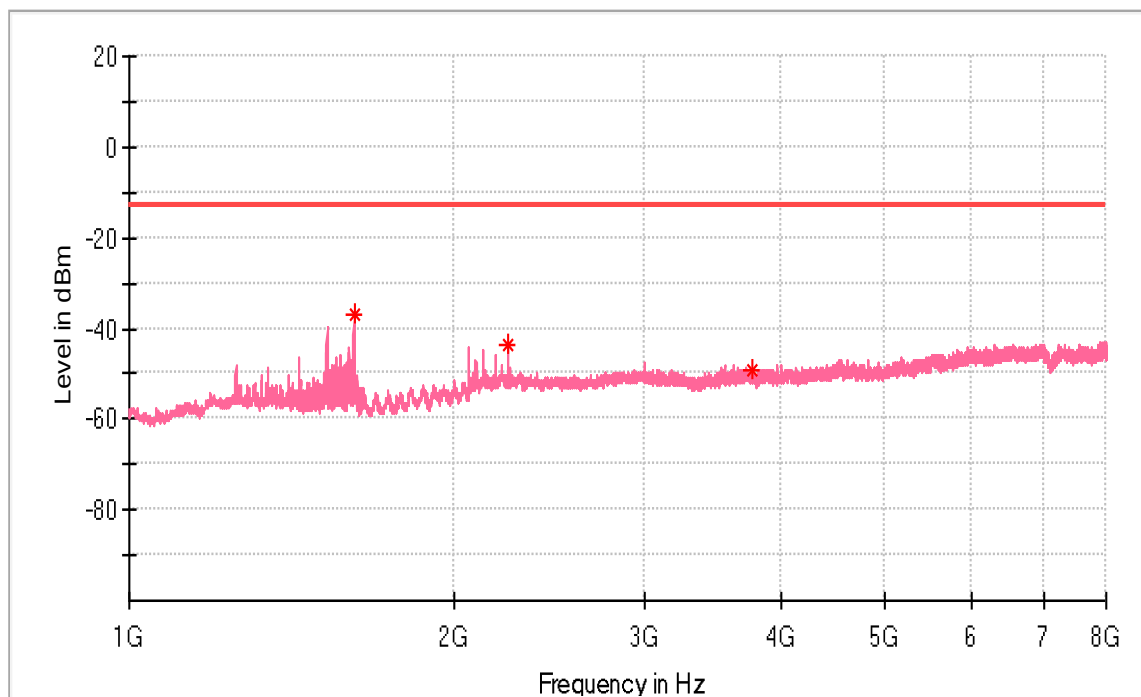


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1597.000000	-45.24	-13.00	32.24	100.0	H	114.0	-92.6
2061.500000	-44.04	-13.00	31.04	100.0	H	91.0	-88.4
3761.500000	-49.30	-13.00	36.30	100.0	H	170.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

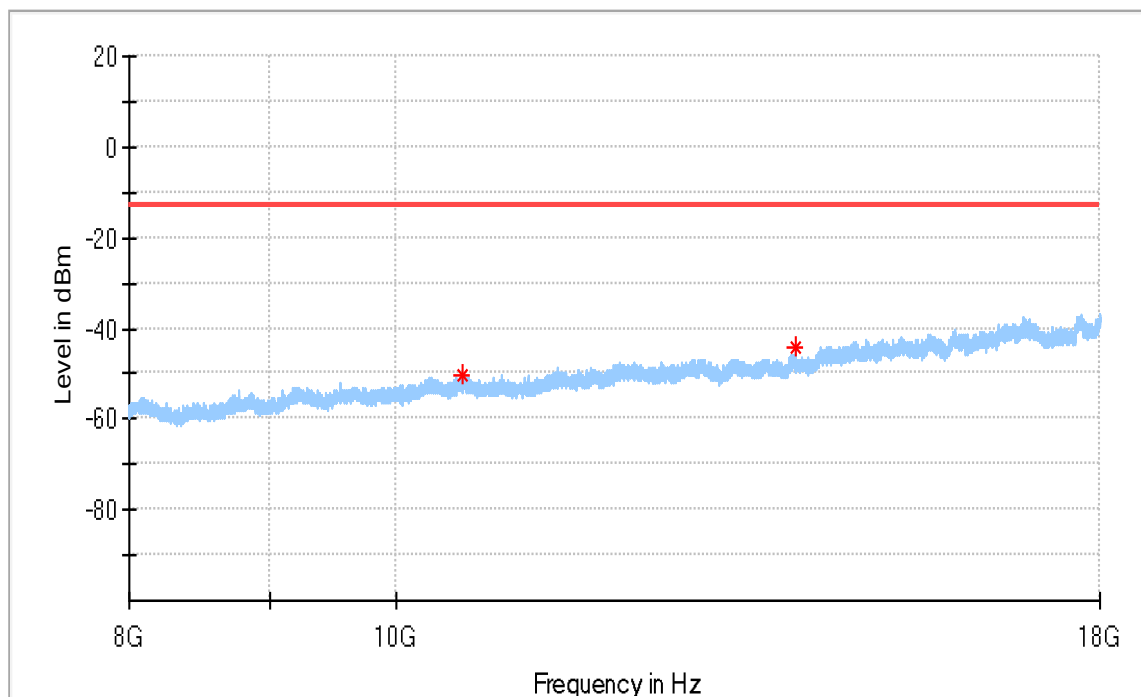


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1613.500000	-36.91	-13.00	23.91	100.0	V	261.0	-93.0
2241.000000	-43.89	-13.00	30.89	100.0	V	0.0	-87.8
3760.500000	-49.48	-13.00	36.48	100.0	V	345.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

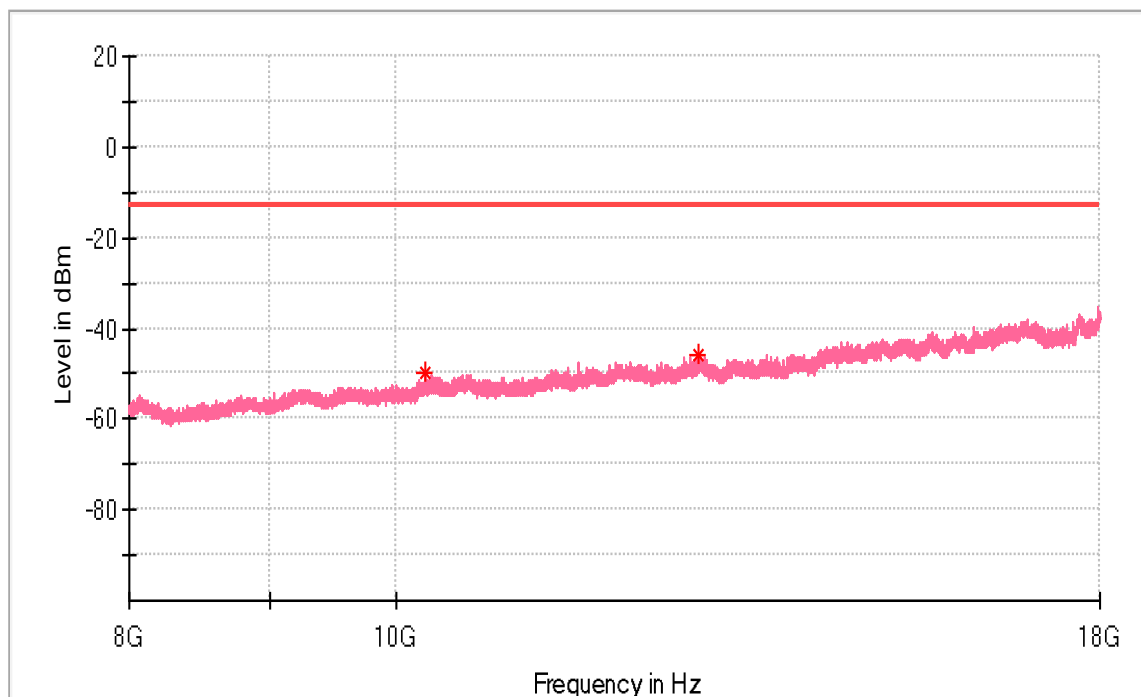


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10561.000000	-50.28	-13.00	37.28	100.0	H	82.0	-82.4
13953.500000	-44.41	-13.00	31.41	100.0	H	319.0	-79.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

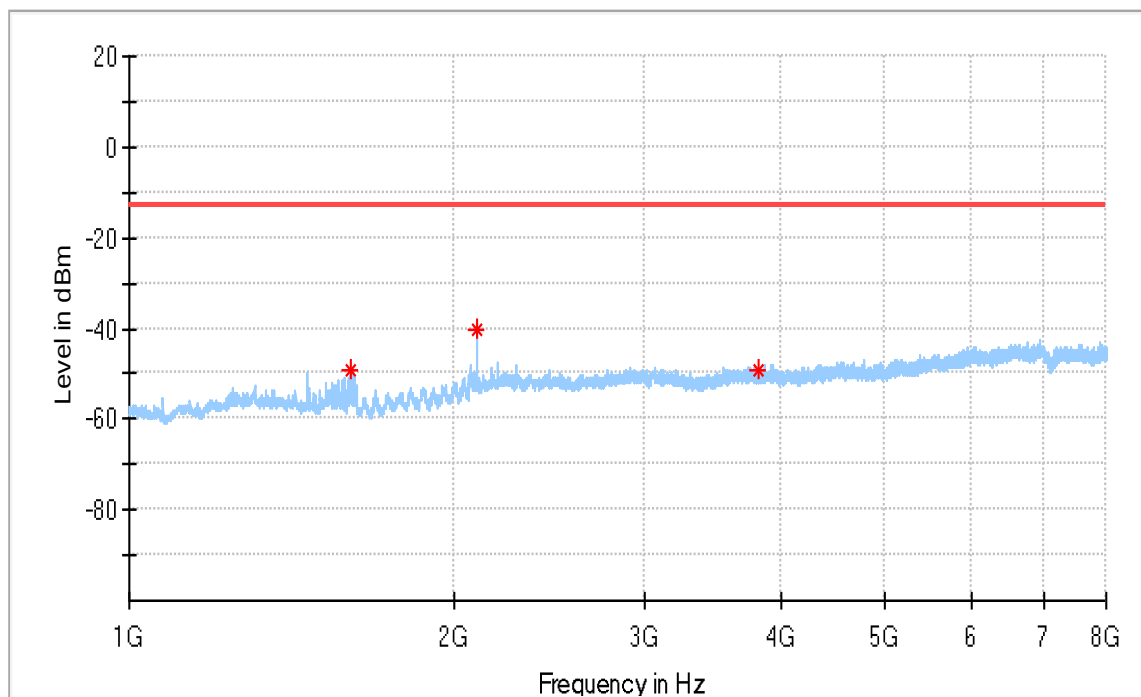


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10241.000000	-49.51	-13.00	36.51	100.0	V	353.0	-83.3
12875.500000	-45.98	-13.00	32.98	100.0	V	230.0	-78.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

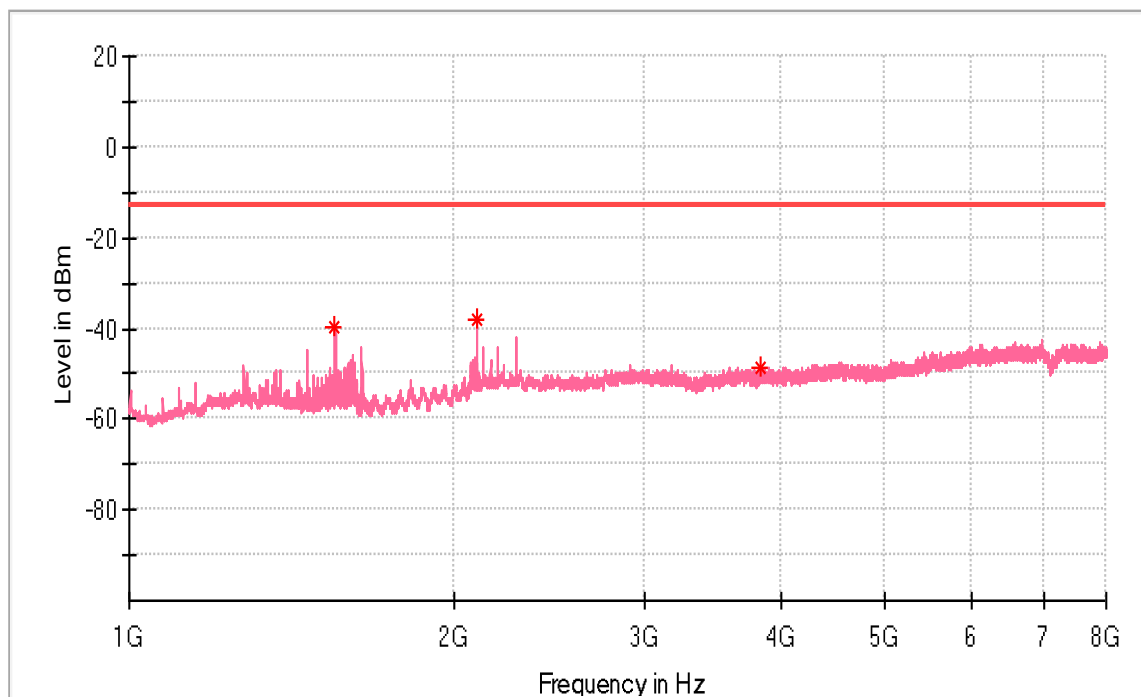


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1602.000000	-48.94	-13.00	35.94	100.0	H	60.0	-92.8
2097.000000	-40.11	-13.00	27.11	100.0	H	66.0	-88.8
3820.500000	-49.32	-13.00	36.32	100.0	H	251.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

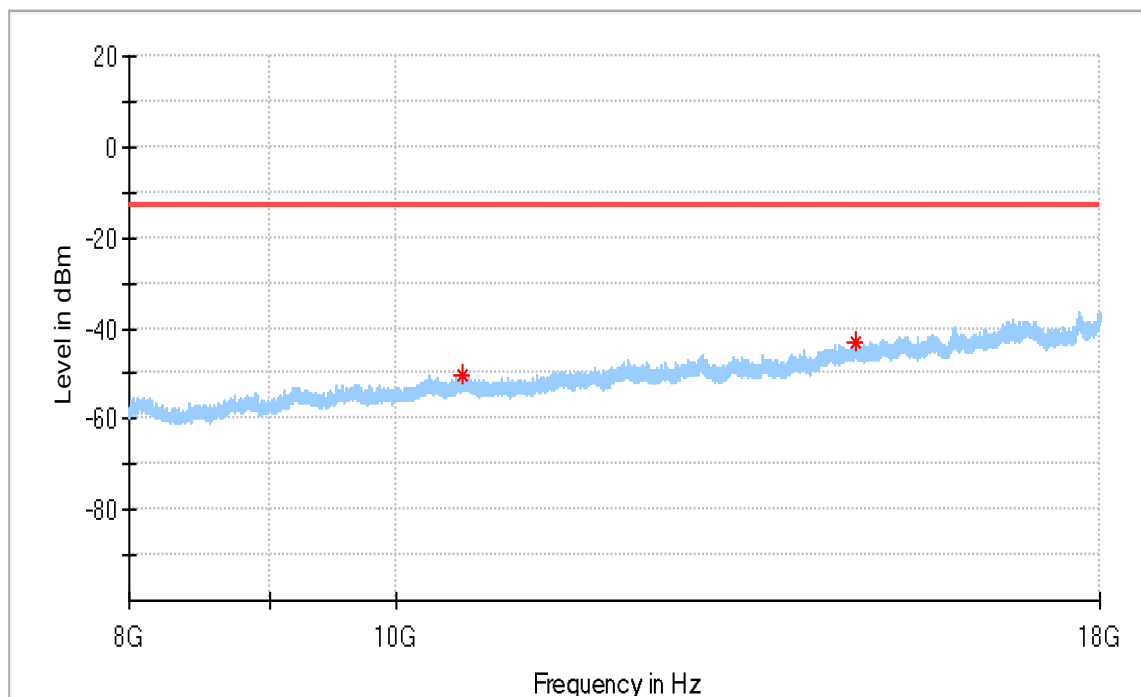


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1549.500000	-39.69	-13.00	26.69	100.0	V	345.0	-92.8
2097.000000	-38.10	-13.00	25.10	100.0	V	40.0	-88.6
3833.000000	-48.57	-13.00	35.57	100.0	V	238.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

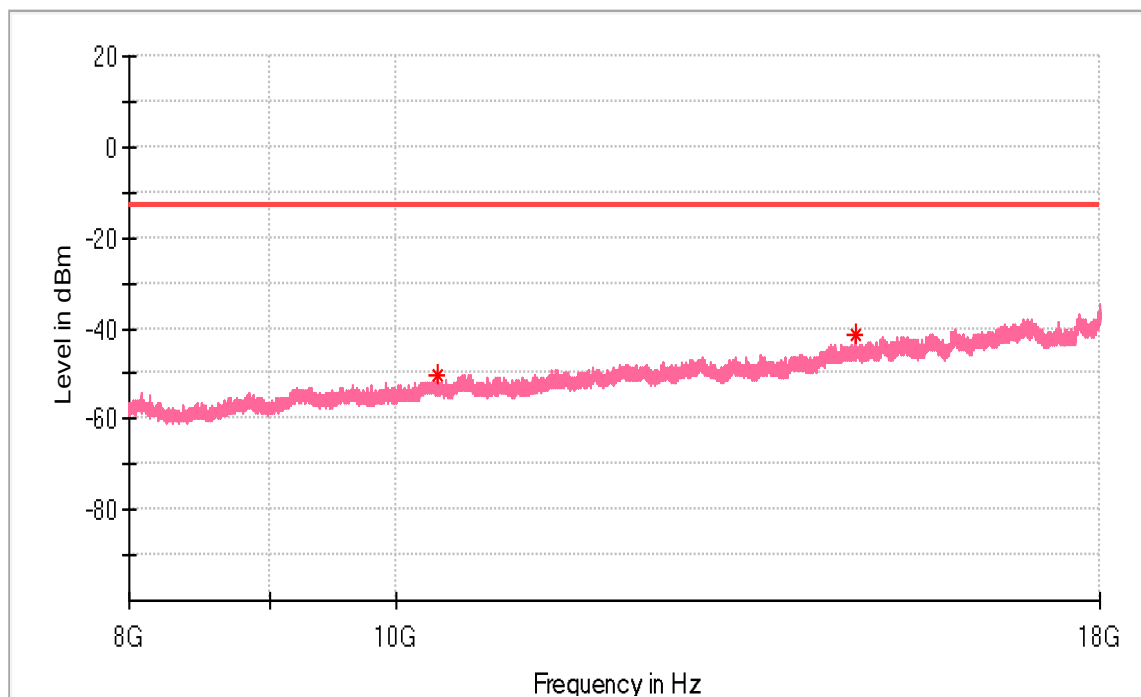


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10566.500000	-50.44	-13.00	37.44	100.0	H	126.0	-82.5
14687.500000	-43.03	-13.00	30.03	100.0	H	184.0	-77.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



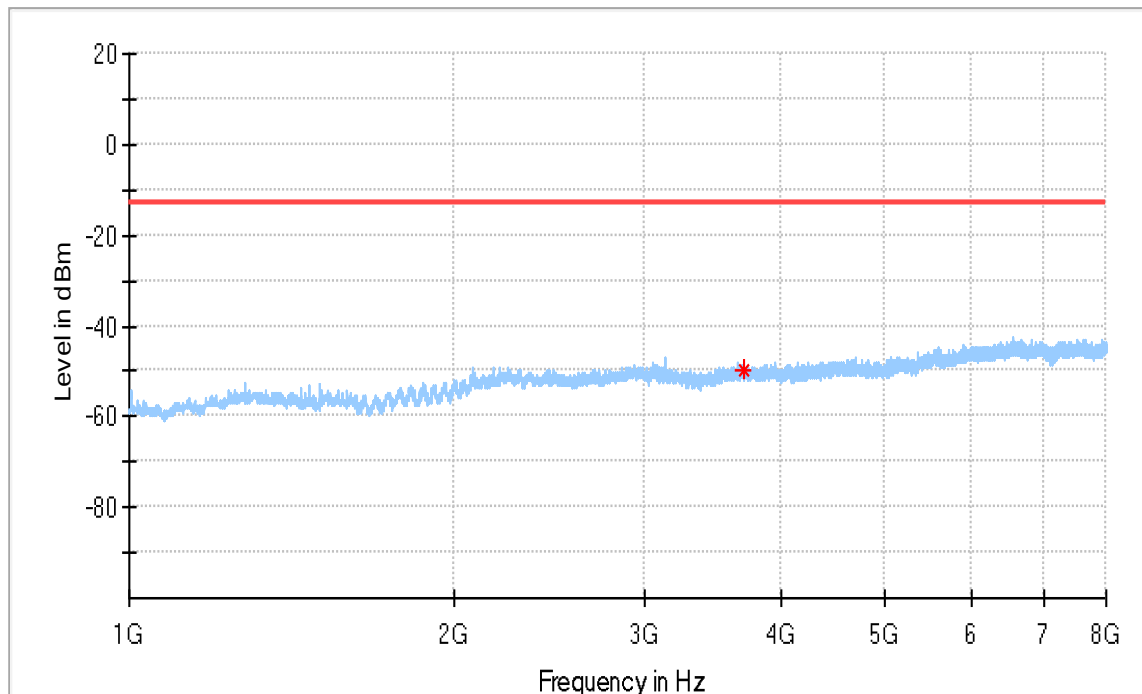
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10348.500000	-50.29	-13.00	37.29	100.0	V	236.0	-83.0
14665.500000	-41.57	-13.00	28.57	100.0	V	0.0	-77.4

15 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

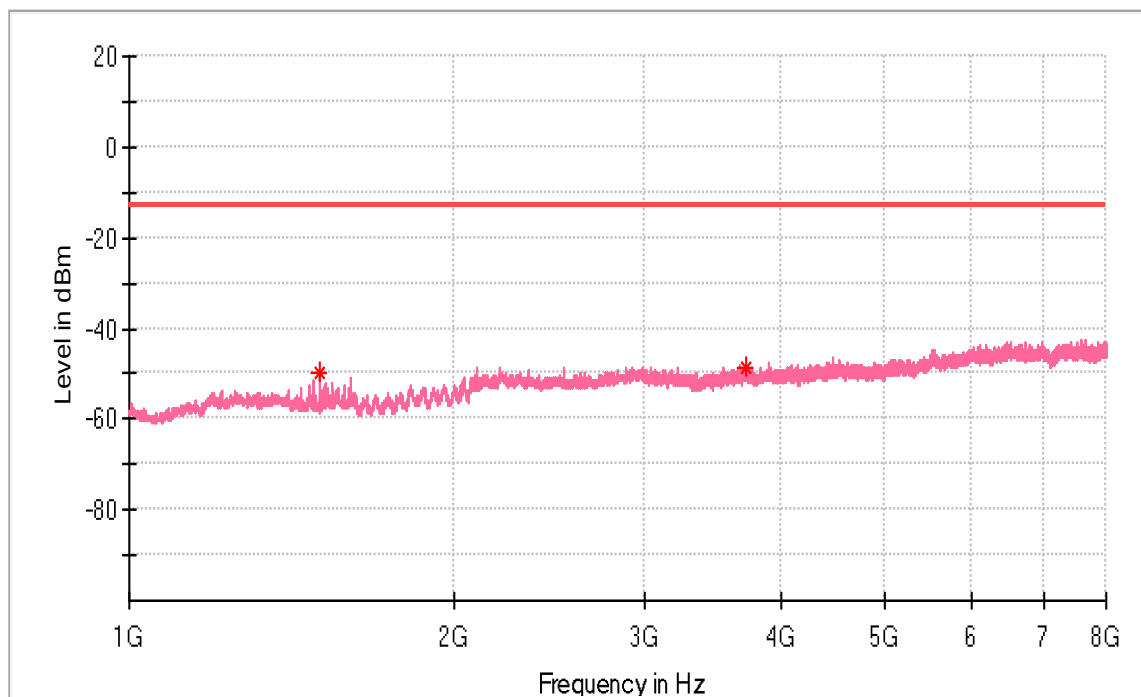


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3702.500000	-49.71	-13.00	36.71	100.0	H	2.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

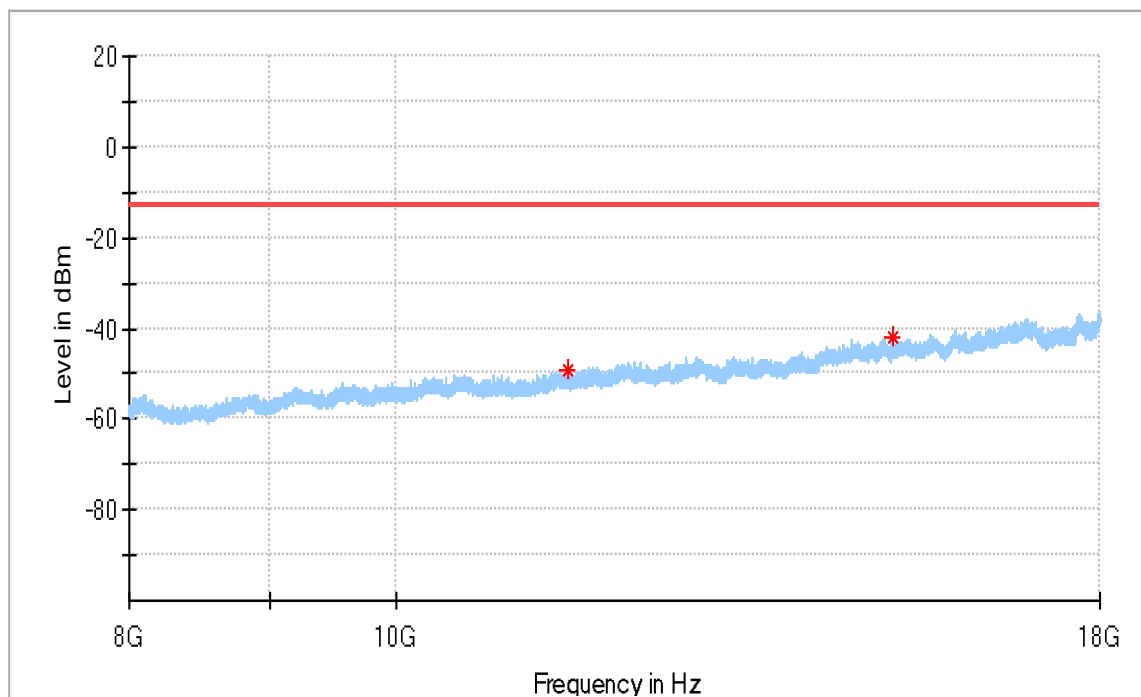


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-49.74	-13.00	36.74	100.0	V	339.0	-93.9
3709.500000	-48.43	-13.00	35.43	100.0	V	244.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

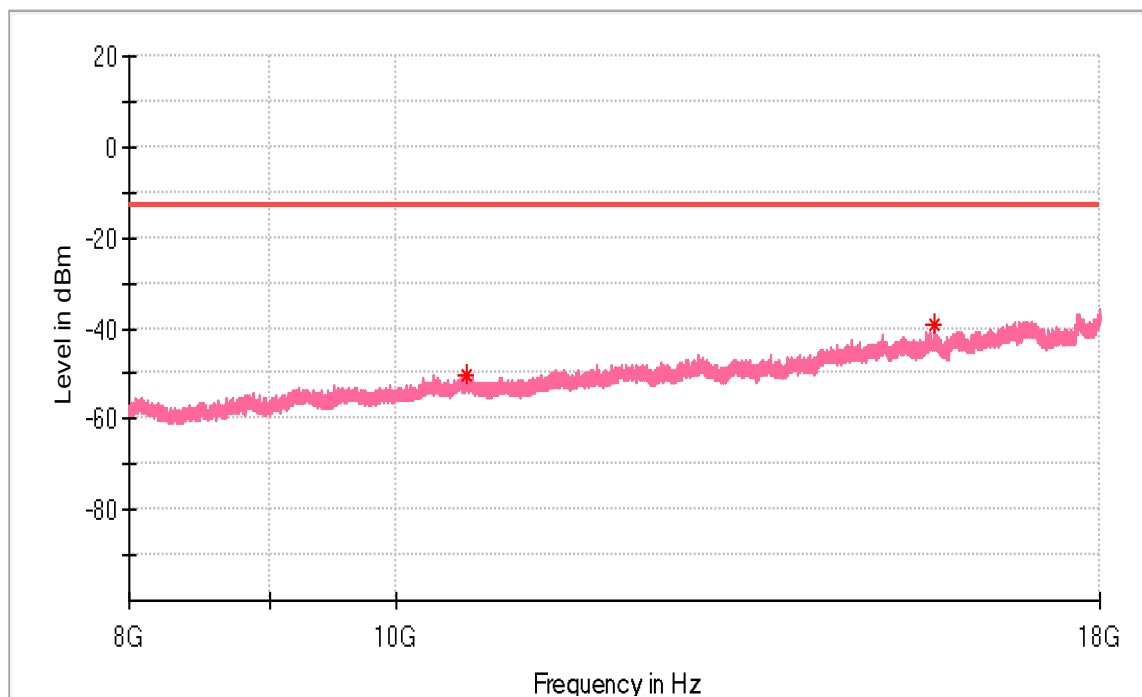


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11536.500000	-49.24	-13.00	36.24	100.0	H	300.0	-81.2
15135.500000	-42.12	-13.00	29.12	100.0	H	196.0	-77.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

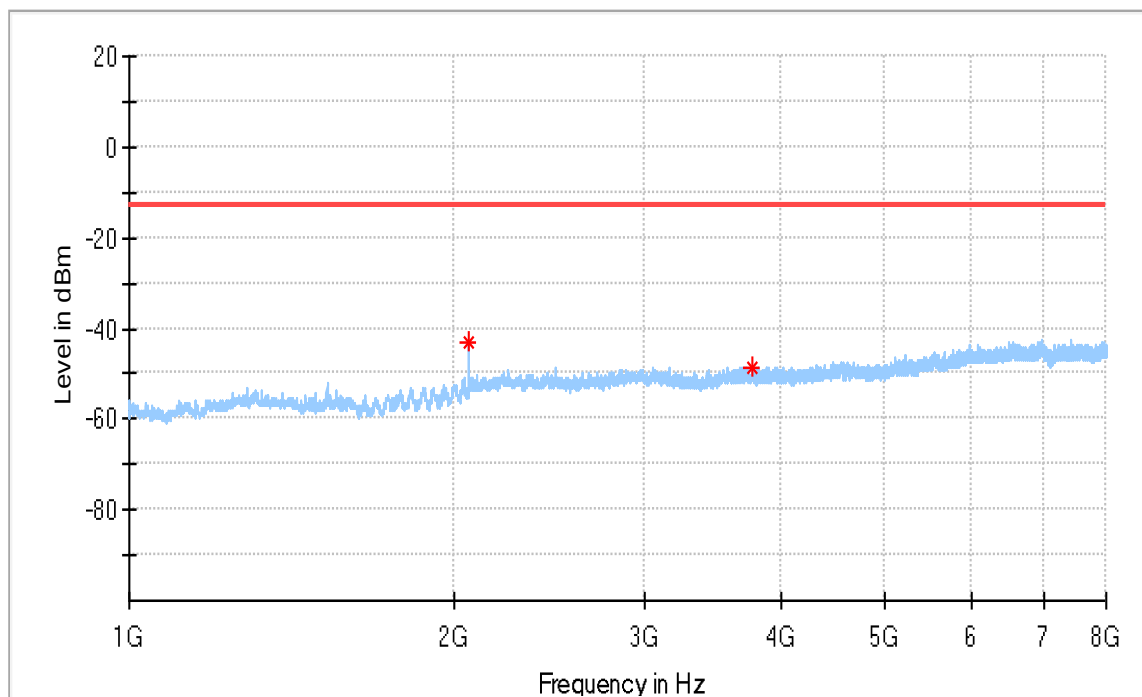


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10602.500000	-50.20	-13.00	37.20	100.0	V	275.0	-82.9
15666.000000	-39.18	-13.00	26.18	100.0	V	25.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

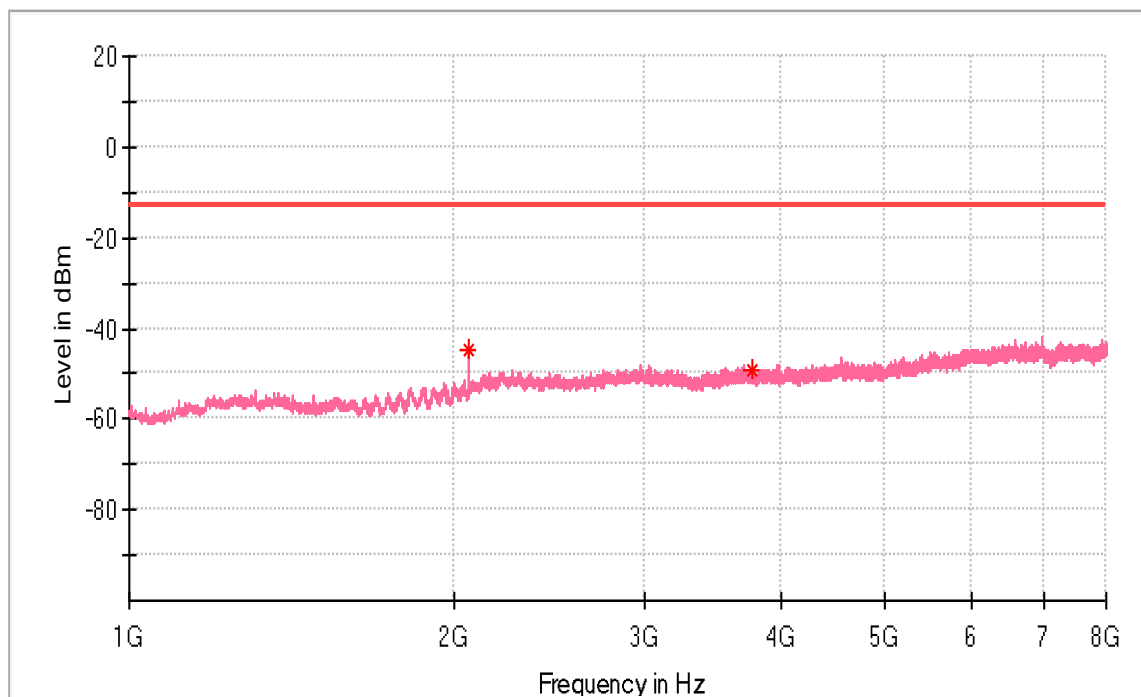


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2061.500000	-43.17	-13.00	30.17	100.0	H	83.0	-88.4
3769.500000	-48.38	-13.00	35.38	100.0	H	259.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

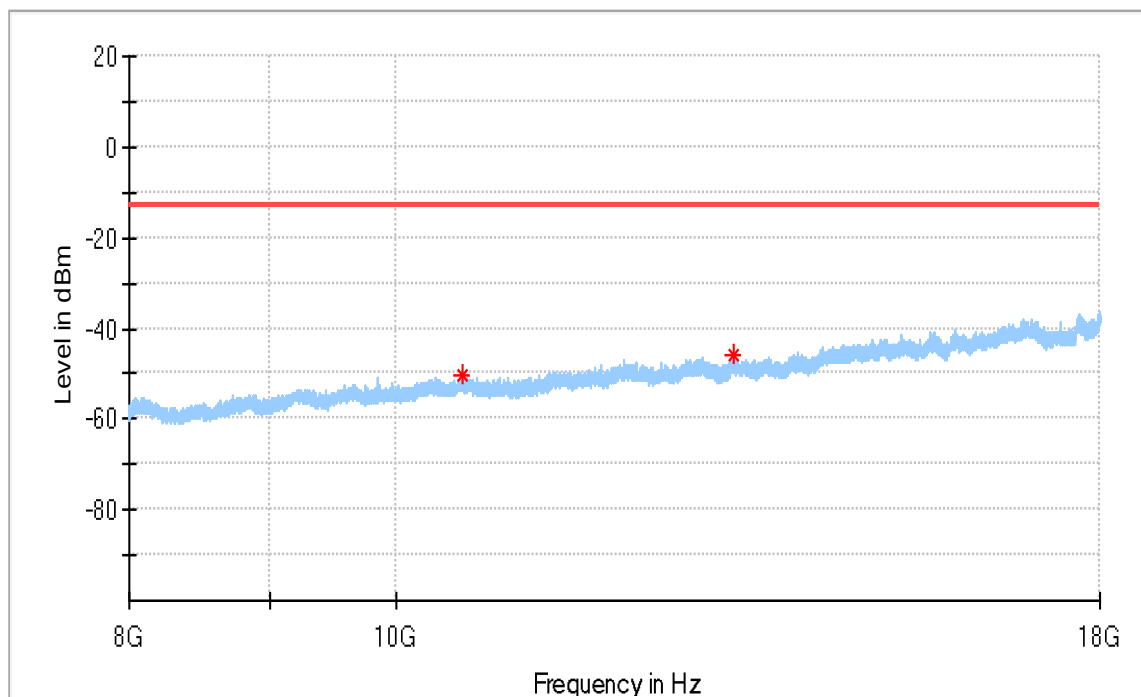


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2061.500000	-44.60	-13.00	31.60	100.0	V	0.0	-89.1
3767.000000	-49.45	-13.00	36.45	100.0	V	177.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

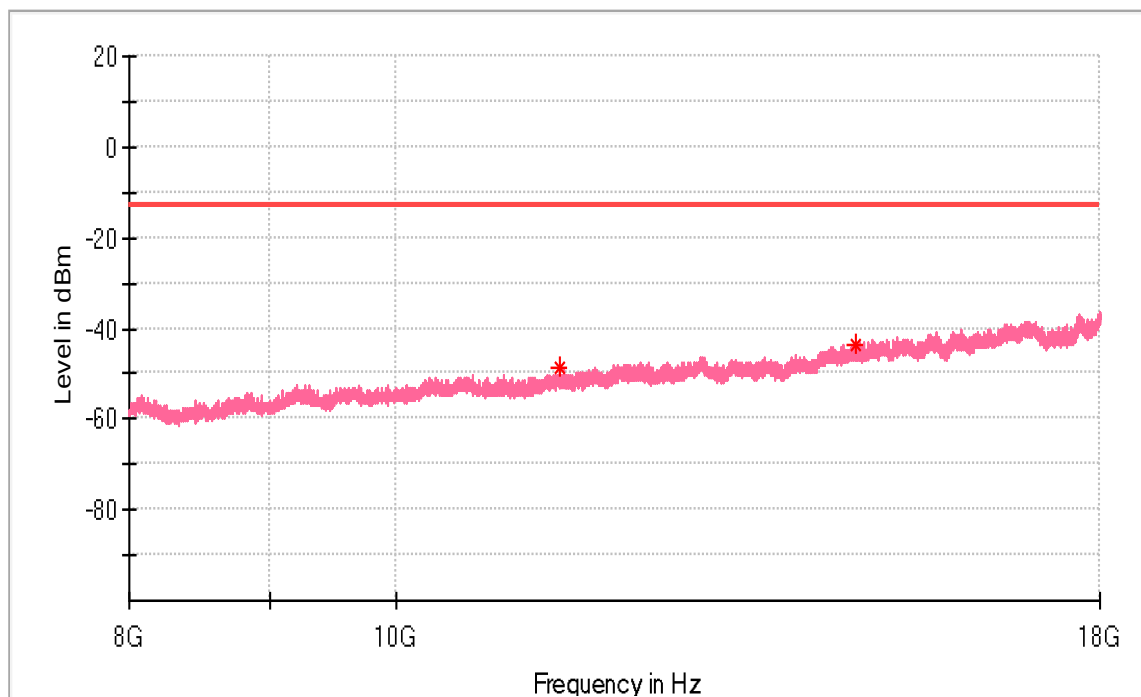


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10565.500000	-50.10	-13.00	37.10	100.0	H	0.0	-82.5
13262.000000	-45.91	-13.00	32.91	100.0	H	295.0	-79.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

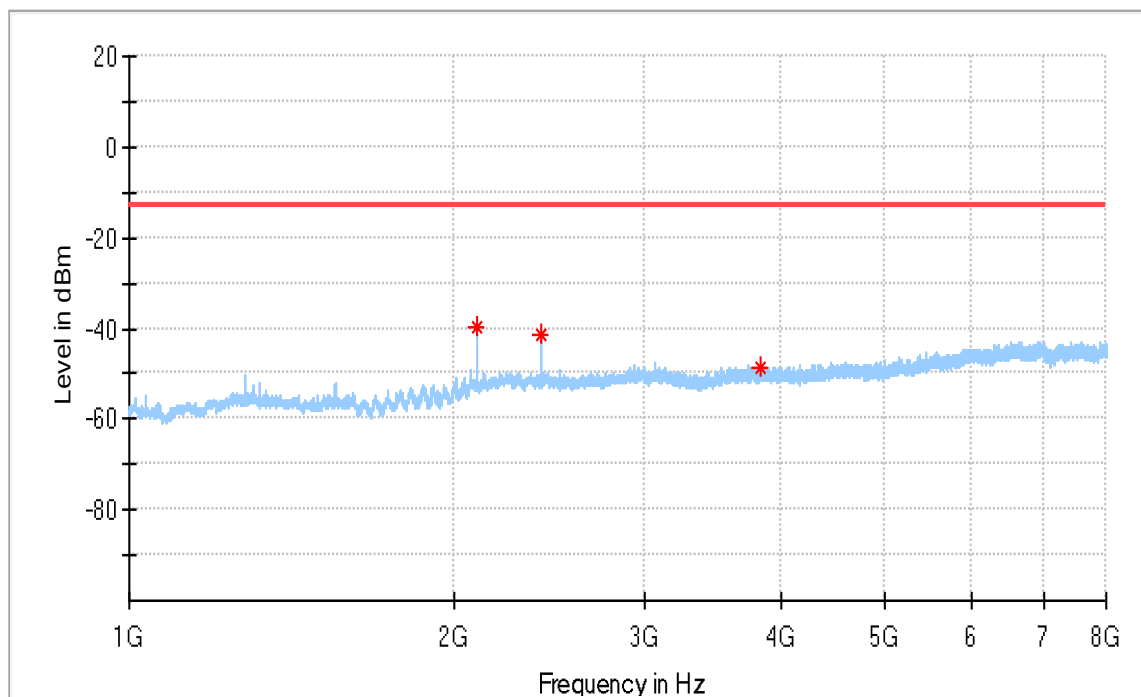


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11456.000000	-48.63	-13.00	35.63	100.0	V	56.0	-81.2
14675.000000	-43.43	-13.00	30.43	100.0	V	0.0	-77.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

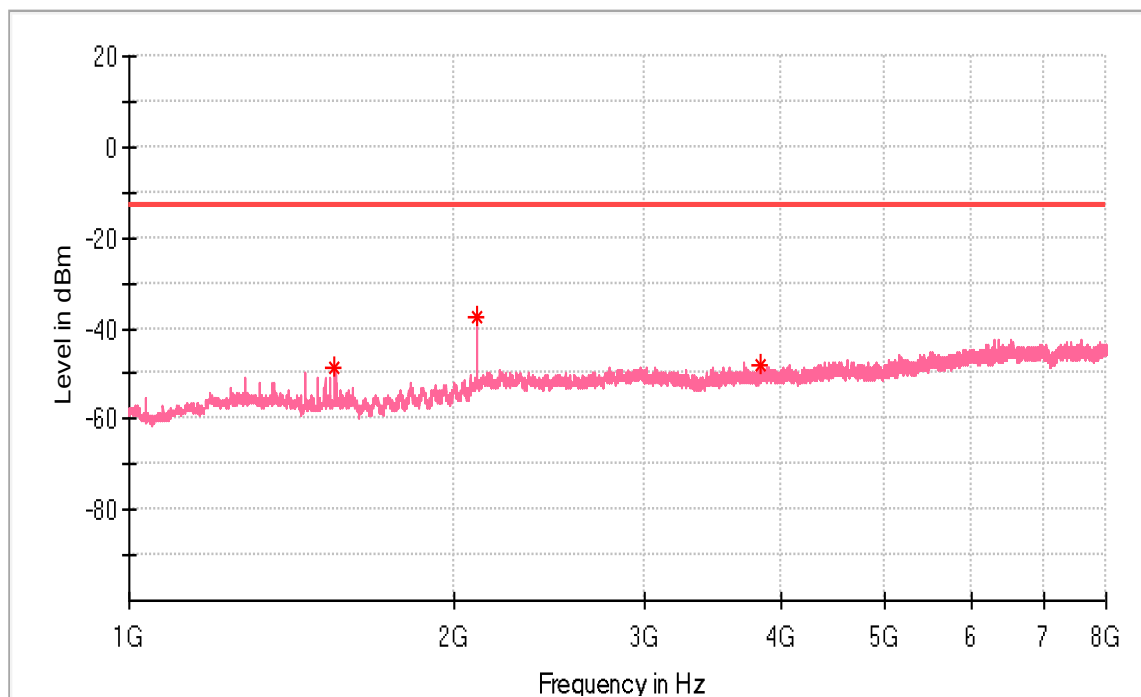


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2097.000000	-39.95	-13.00	26.95	100.0	H	90.0	-88.8
2403.000000	-41.25	-13.00	28.25	100.0	H	120.0	-87.9
3835.000000	-48.66	-13.00	35.66	100.0	H	287.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

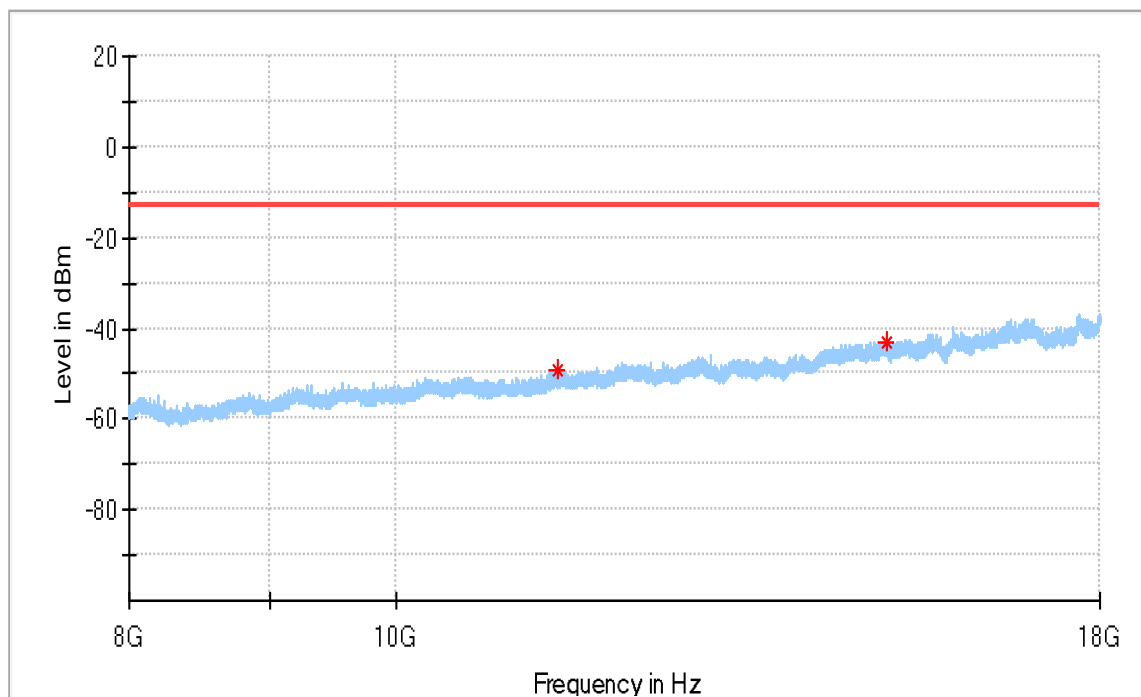


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1550.000000	-48.68	-13.00	35.68	100.0	V	294.0	-92.8
2097.000000	-37.63	-13.00	24.63	100.0	V	11.0	-88.6
3829.000000	-48.25	-13.00	35.25	100.0	V	206.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

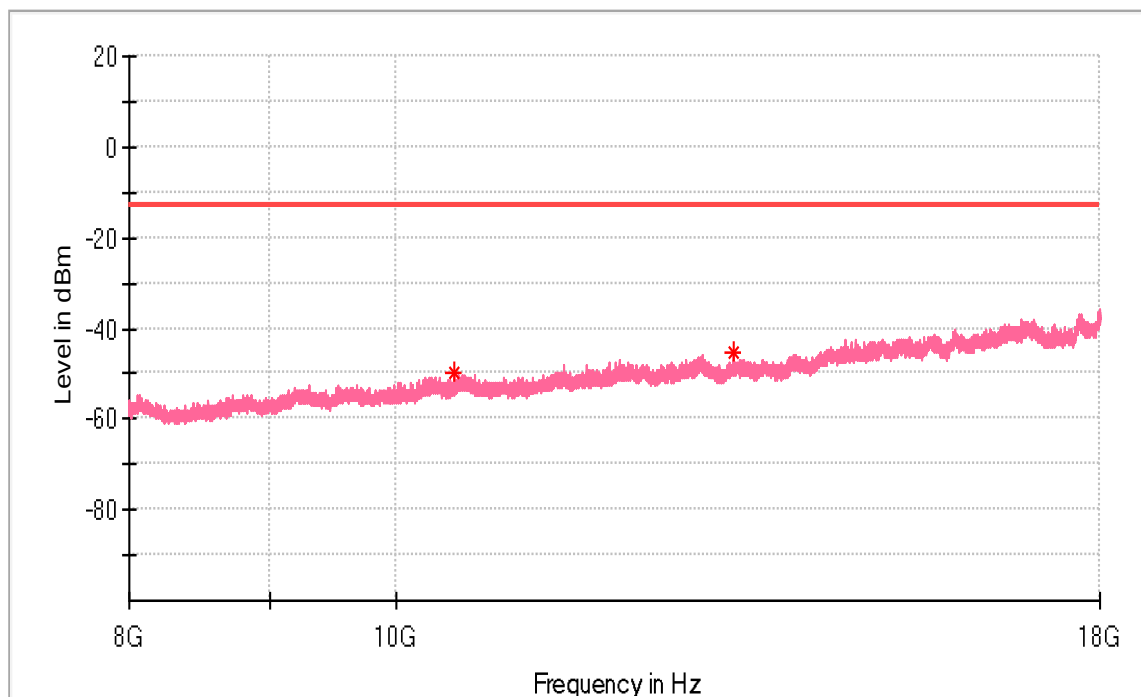


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
11440.500000	-49.17	-13.00	36.17	100.0	H	280.0	-81.4
15058.000000	-42.84	-13.00	29.84	100.0	H	78.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_15KHz_BPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

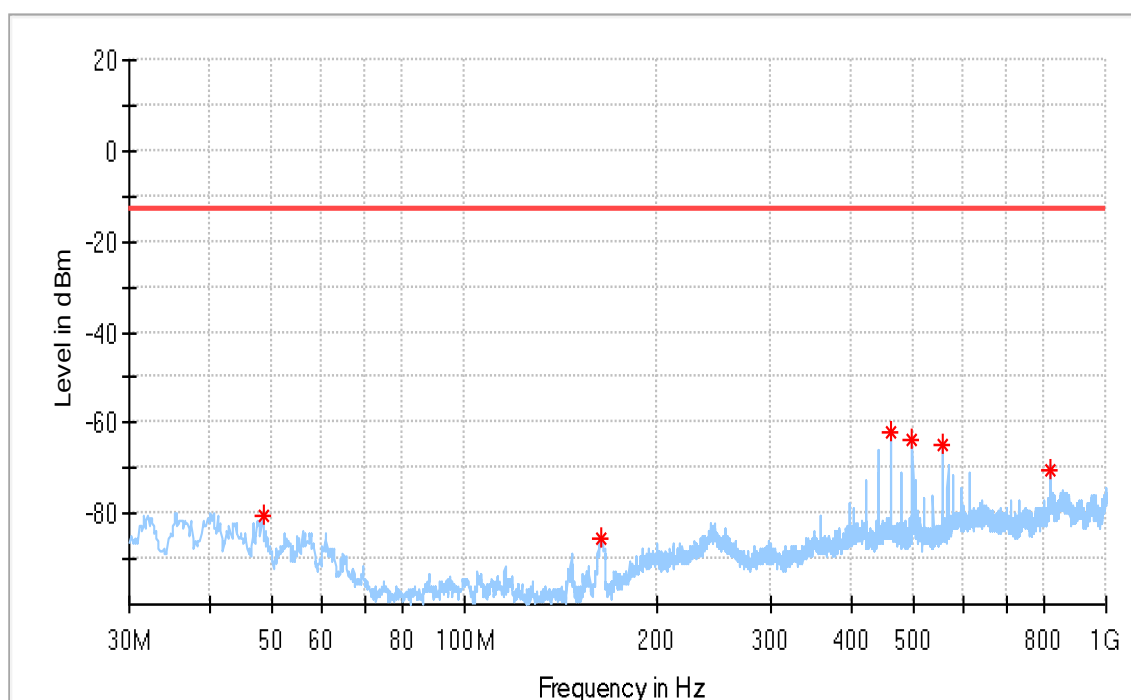
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10502.000000	-50.04	-13.00	37.04	100.0	V	304.0	-82.9
13262.500000	-45.18	-13.00	32.18	100.0	V	42.0	-79.6

APPENDIX K.7: FIELD STRENGTH OF SPURIOUS RADIATION, NB IoT BAND 26

Below 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

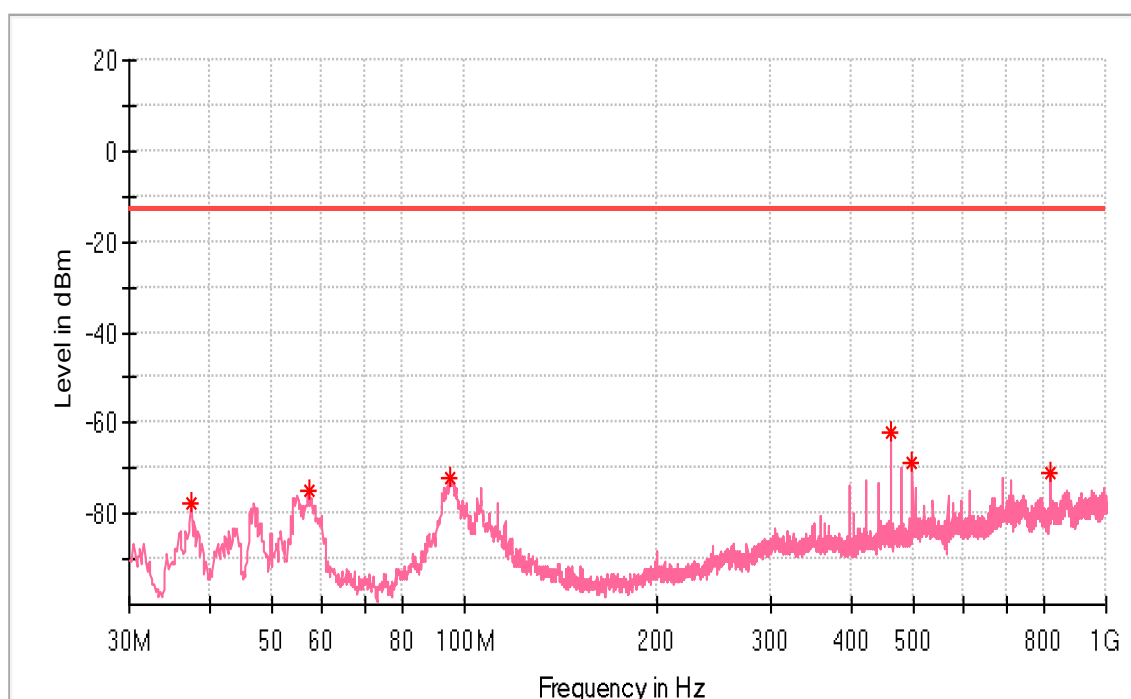


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
48.551250	-80.30	-13.00	67.30	100.0	H	133.0	-114.9
163.132500	-85.54	-13.00	72.54	100.0	H	288.0	-122.0
460.801250	-61.82	-13.00	48.82	100.0	H	54.0	-108.5
499.237500	-63.72	-13.00	50.72	100.0	H	133.0	-109.7
556.831250	-64.83	-13.00	51.83	100.0	H	84.0	-108.9
818.731250	-70.49	-13.00	57.49	100.0	H	266.0	-100.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

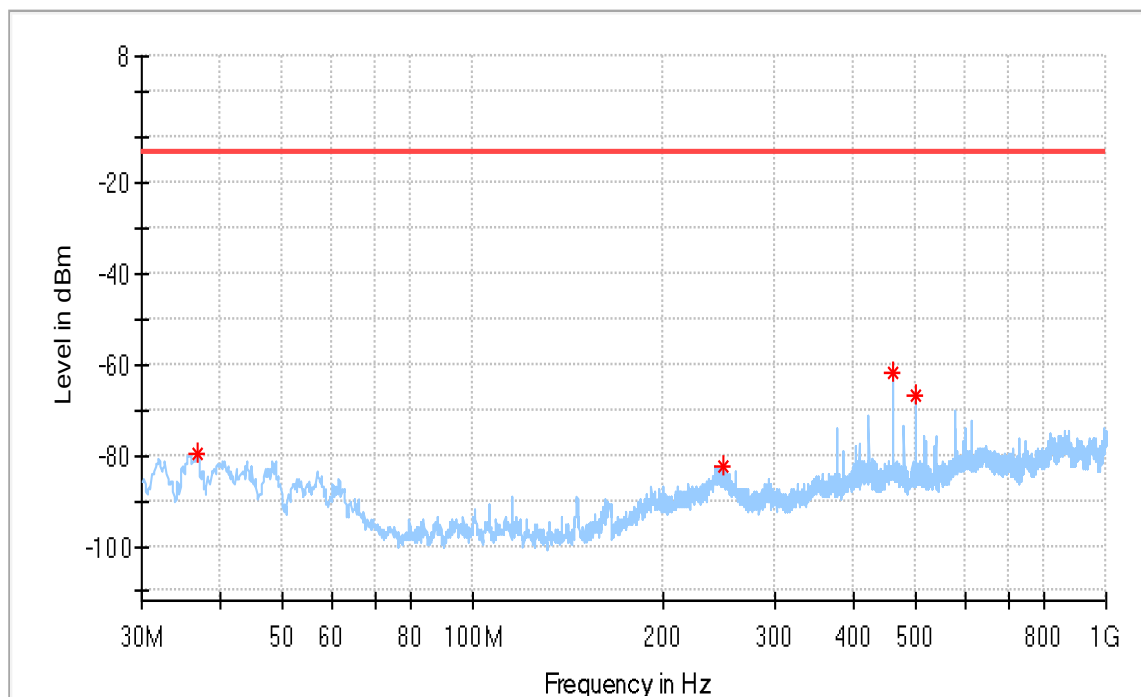


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-77.90	-13.00	64.90	100.0	V	47.0	-125.9
57.160000	-74.87	-13.00	61.87	100.0	V	264.0	-122.1
94.990000	-72.30	-13.00	59.30	100.0	V	225.0	-99.8
460.801250	-62.17	-13.00	49.17	100.0	V	0.0	-109.7
499.237500	-68.76	-13.00	55.76	100.0	V	249.0	-109.2
818.488750	-71.19	-13.00	58.19	100.0	V	170.0	-102.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

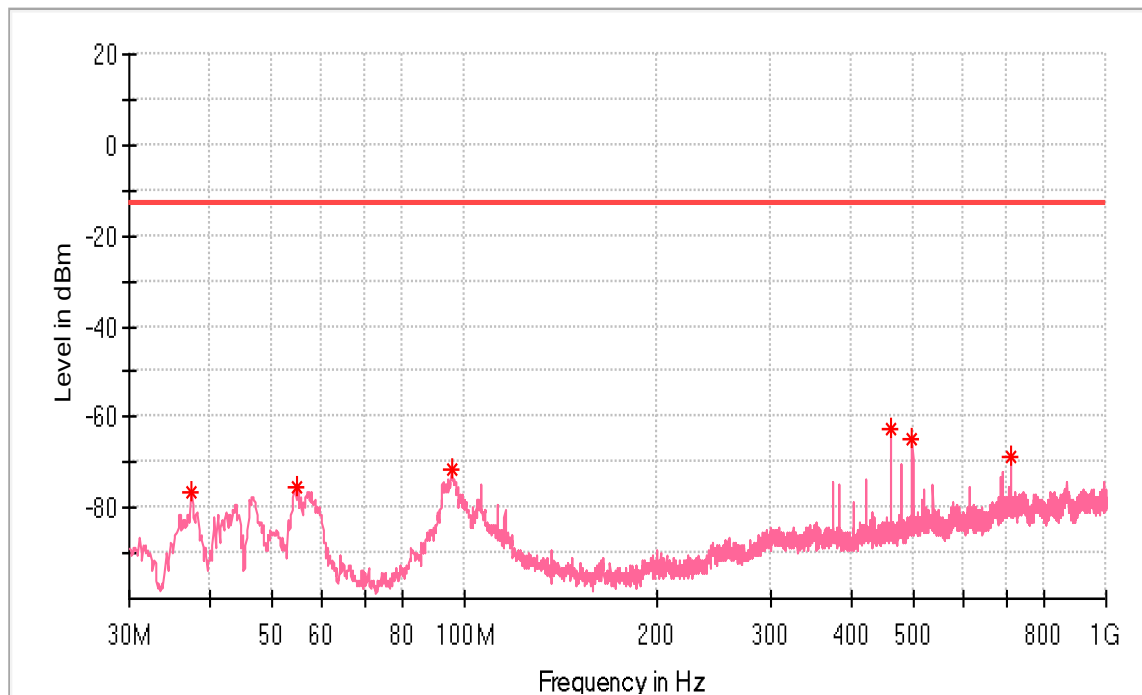


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.668750	-79.90	-13.00	66.90	100.0	H	288.0	-113.4
248.613750	-82.61	-13.00	69.61	100.0	H	266.0	-110.0
460.801250	-61.94	-13.00	48.94	100.0	H	58.0	-108.5
499.116250	-66.63	-13.00	53.63	100.0	H	127.0	-109.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



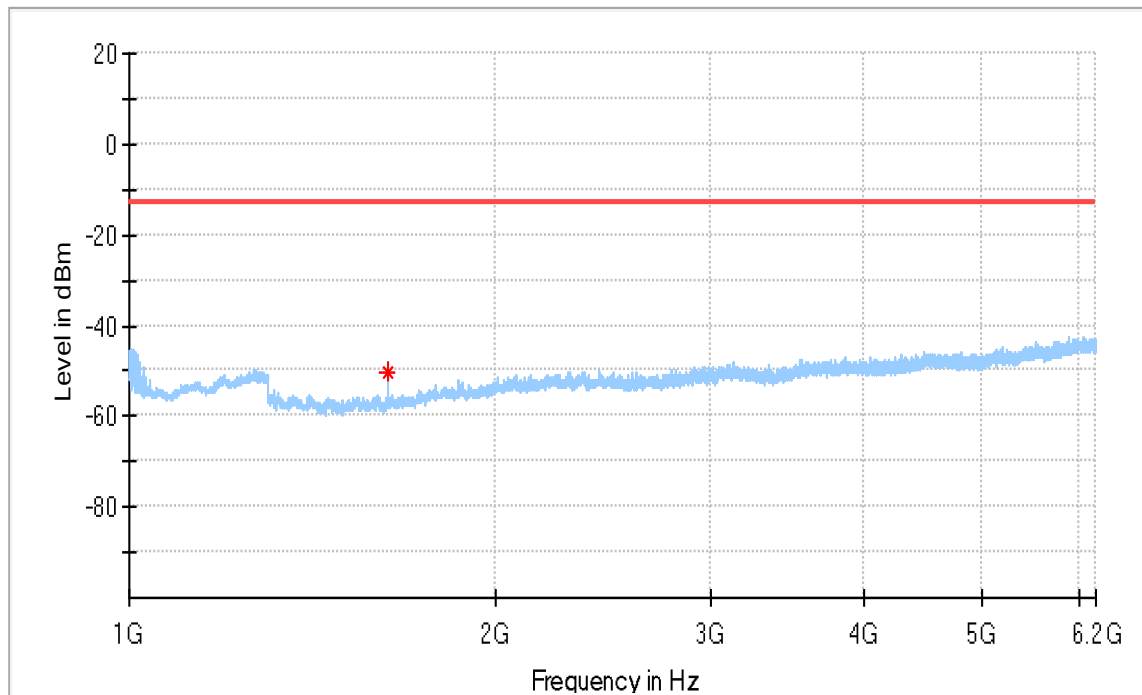
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-76.59	-13.00	63.59	100.0	V	200.0	-125.9
54.856250	-75.17	-13.00	62.17	100.0	V	329.0	-122.8
95.353750	-71.62	-13.00	58.62	100.0	V	146.0	-100.2
460.801250	-62.63	-13.00	49.63	100.0	V	0.0	-109.7
499.237500	-64.77	-13.00	51.77	100.0	V	347.0	-109.2
710.333750	-68.65	-13.00	55.65	100.0	V	239.0	-104.6

Above 1 GHz
3.75 kHz Configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

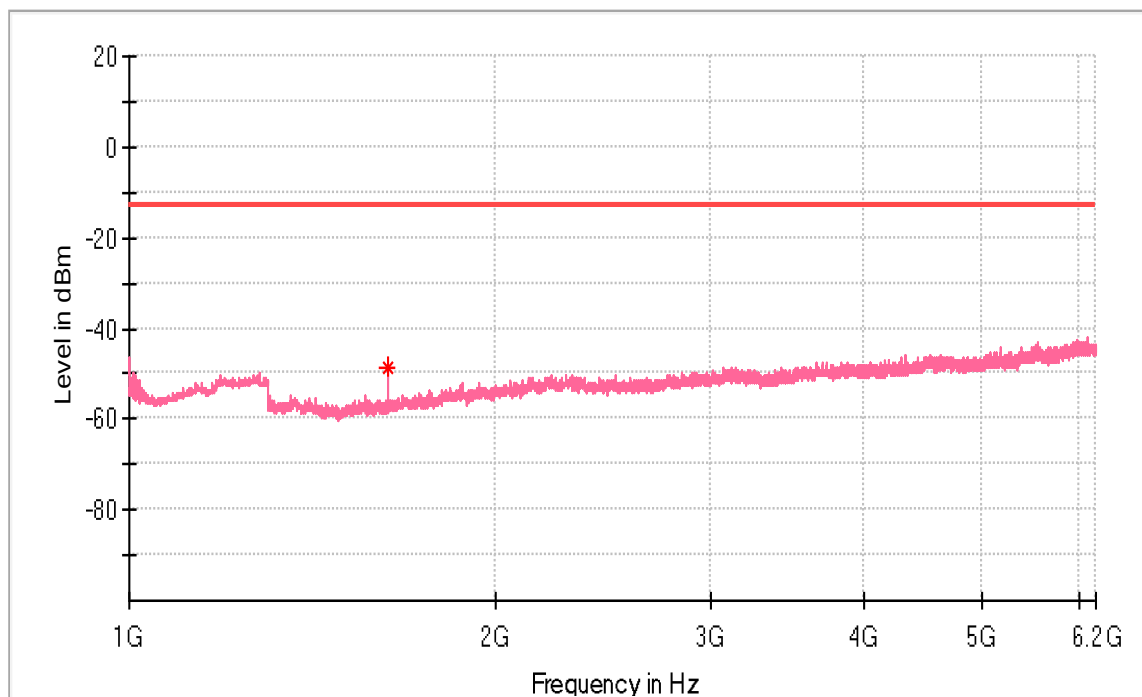


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-50.15	-13.00	37.15	100.0	H	320.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

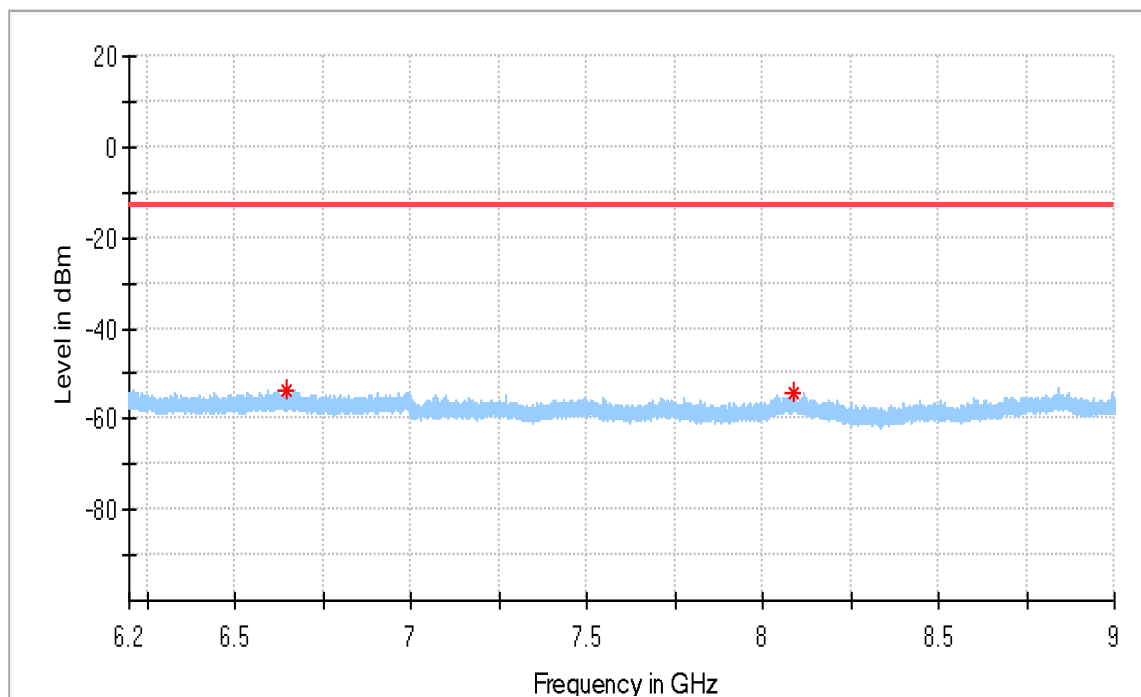


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1627.500000	-48.80	-13.00	35.80	100.0	V	336.0	-92.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

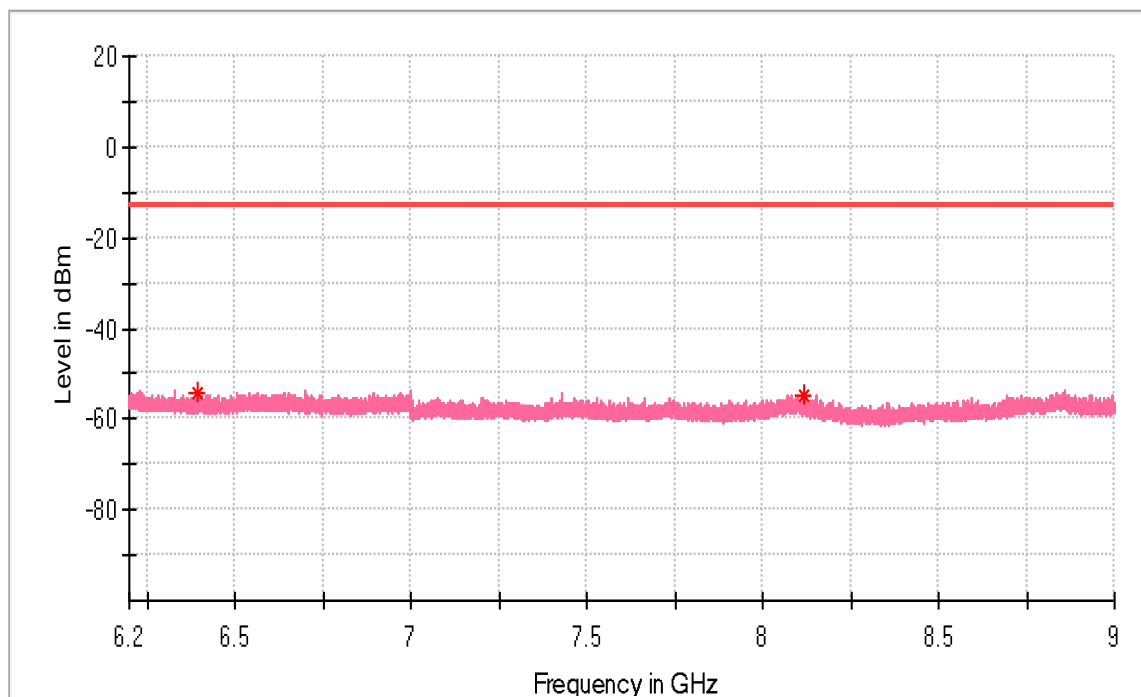


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6647.300000	-53.83	-13.00	40.83	100.0	H	259.0	-87.6
8085.566667	-54.32	-13.00	41.32	100.0	H	267.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

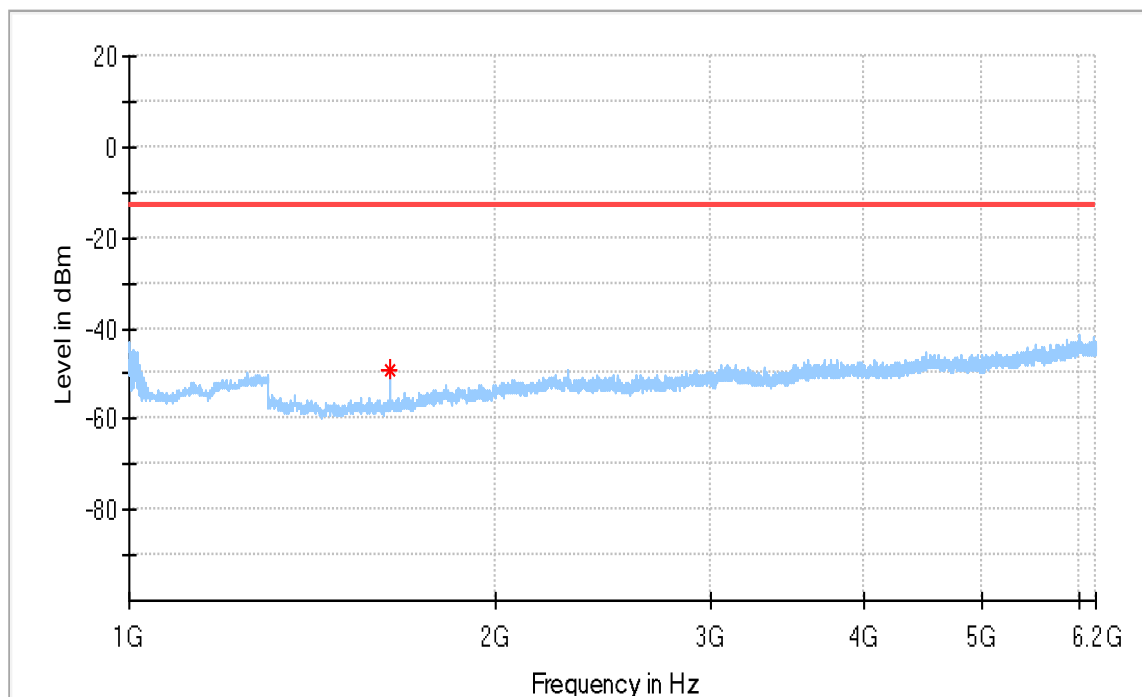


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6394.366667	-54.04	-13.00	41.04	100.0	V	146.0	-87.8
8120.100000	-54.69	-13.00	41.69	100.0	V	109.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

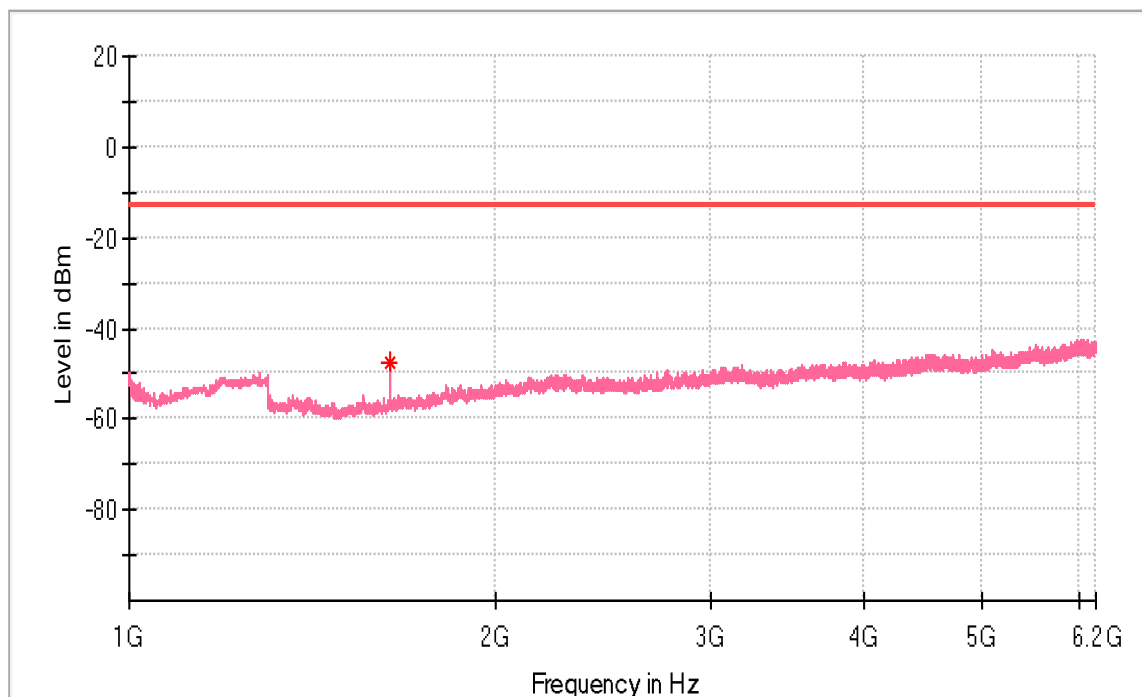


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-48.96	-13.00	35.96	100.0	H	340.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

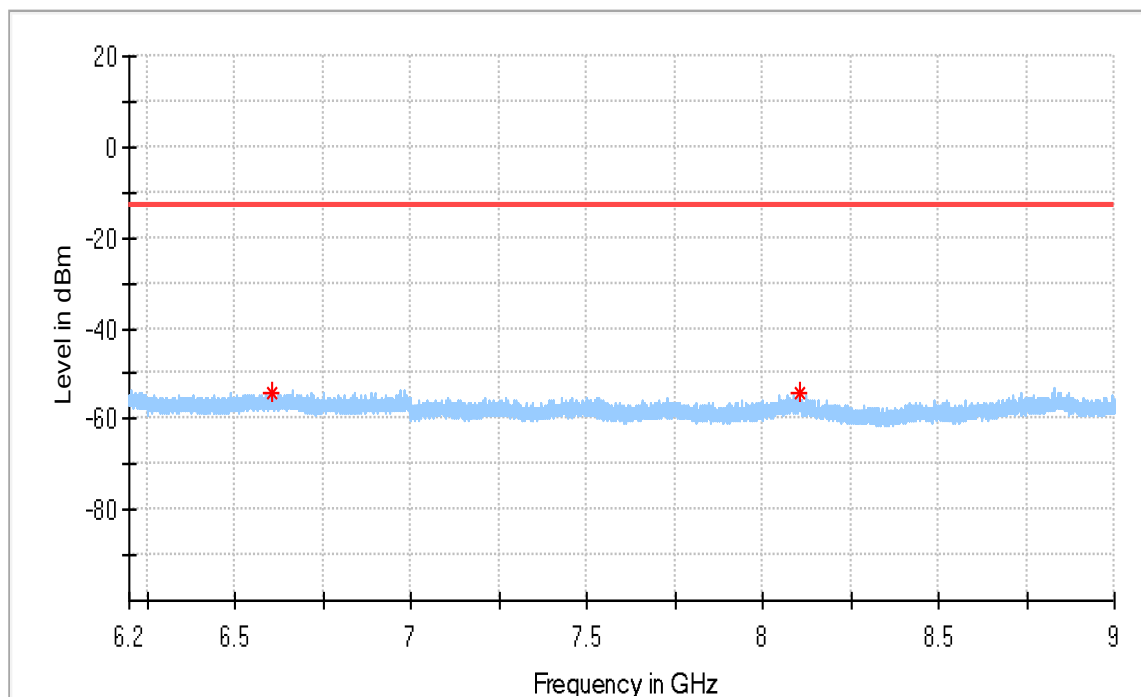


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-47.79	-13.00	34.79	100.0	V	343.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

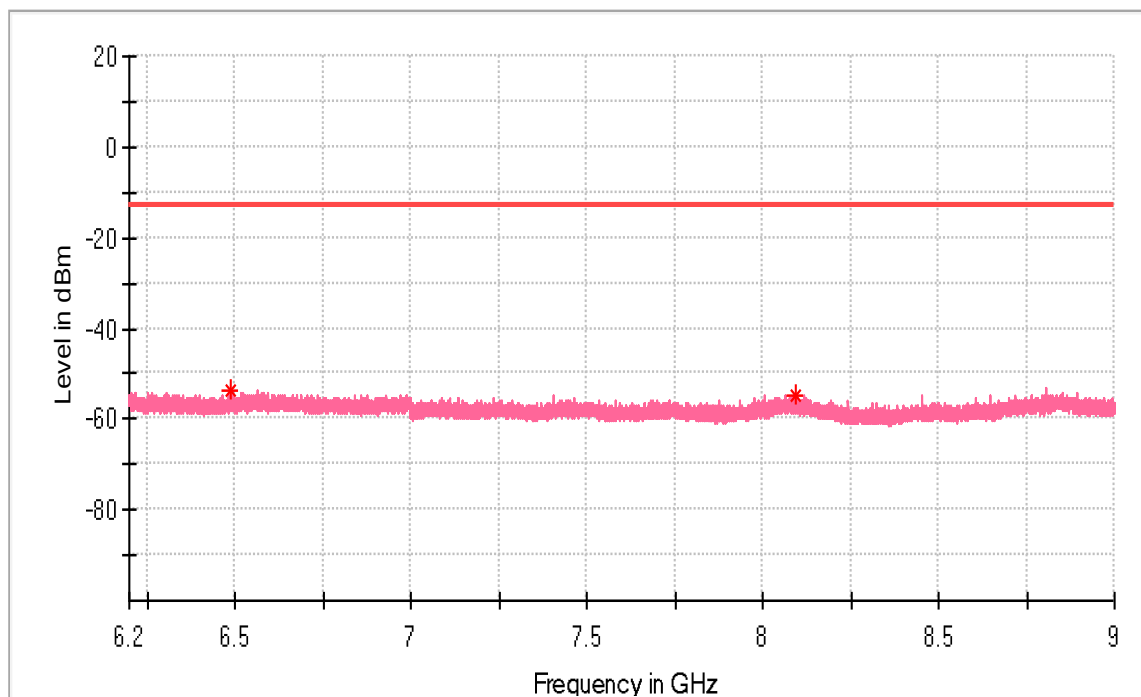


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6604.133333	-54.04	-13.00	41.04	100.0	H	165.0	-87.8
8103.300000	-54.36	-13.00	41.36	100.0	H	146.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_Mid Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

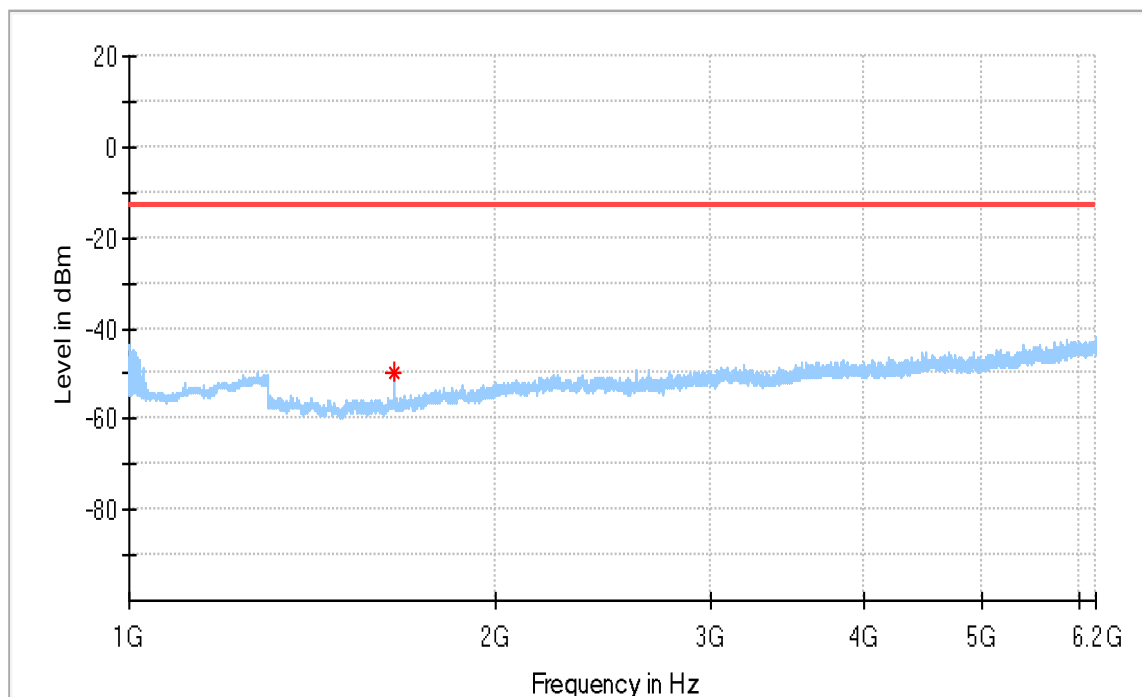


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6485.600000	-53.74	-13.00	40.74	100.0	V	303.0	-87.8
8092.216667	-54.60	-13.00	41.60	100.0	V	6.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_3.75KHz_QPSK_1@0_High Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.000000	-49.56	-13.00	36.56	100.0	H	346.0	-92.3