

APPENDIX J: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION

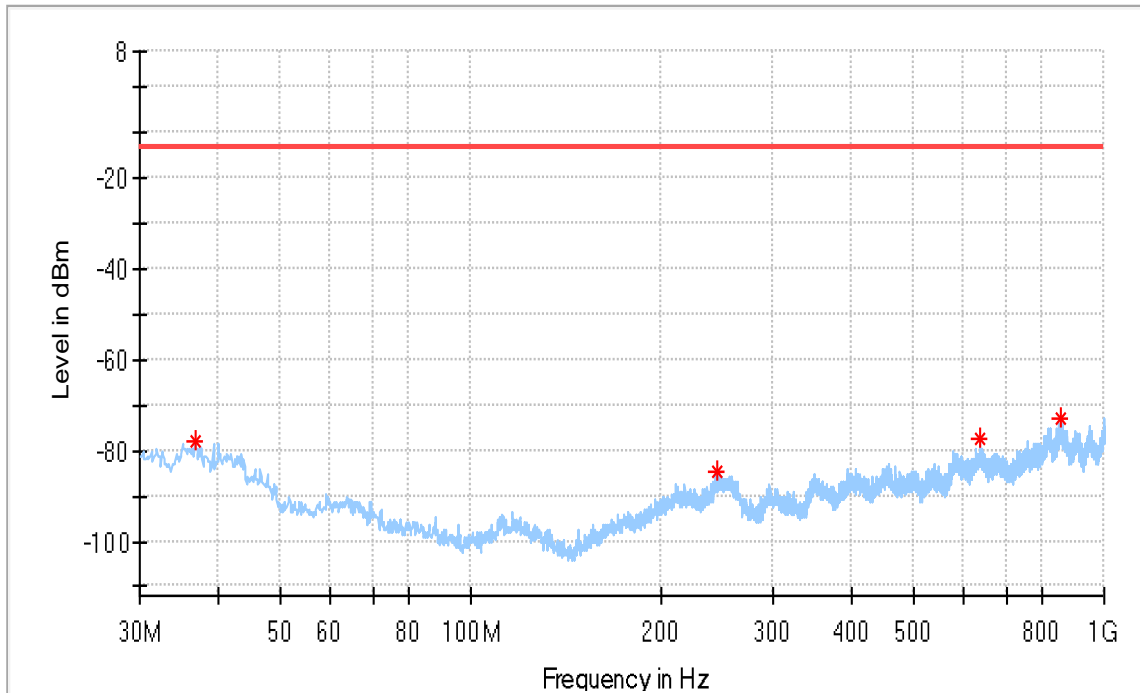
APPENDIX J: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION	1
APPENDIX J.1: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 2	2
Below 1 GHz	2
Above 1 GHz.....	4
APPENDIX J.2: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 4	16
Below 1 GHz	16
Above 1 GHz.....	18
APPENDIX J.3: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 5	30
Below 1 GHz	30
Above 1 GHz.....	32
APPENDIX J.4: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 12	44
Below 1 GHz	44
Above 1 GHz.....	46
APPENDIX J.5: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 13	58
Below 1 GHz	58
Above 1 GHz.....	59
APPENDIX J.6: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 25	72
Below 1 GHz	72
Above 1 GHz.....	75
APPENDIX J.7: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 26	87
Below 1 GHz	87
Above 1 GHz.....	91
APPENDIX J.8: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 66	115
Below 1 GHz	115
Above 1 GHz.....	117
APPENDIX J.9: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 85	129
Below 1 GHz	129
Above 1 GHz.....	131

APPENDIX J.1: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 2

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_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

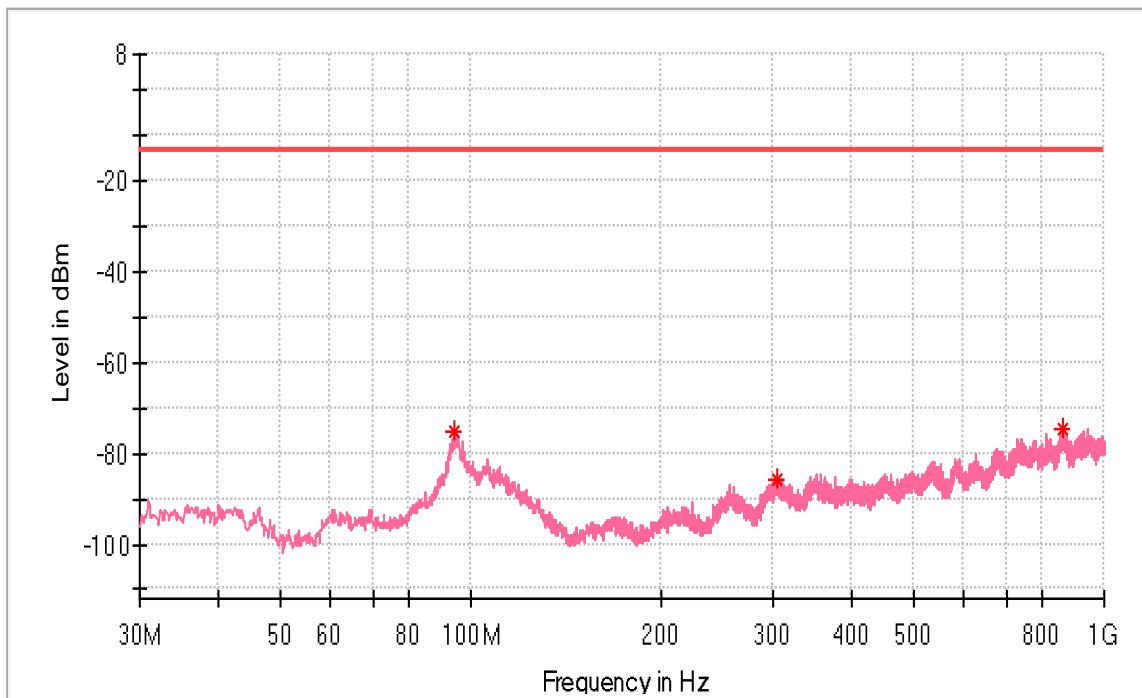


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.668750	-77.74	-13.00	64.74	100.0	H	37.0	-113.4
244.491250	-84.88	-13.00	71.88	100.0	H	0.0	-110.0
636.856250	-77.67	-13.00	64.67	100.0	H	0.0	-104.6
853.408750	-72.72	-13.00	59.72	100.0	H	192.0	-99.2

EUT Information

EUT Name:	Data Terminal Module
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Test Mode:	B2_1.4M_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



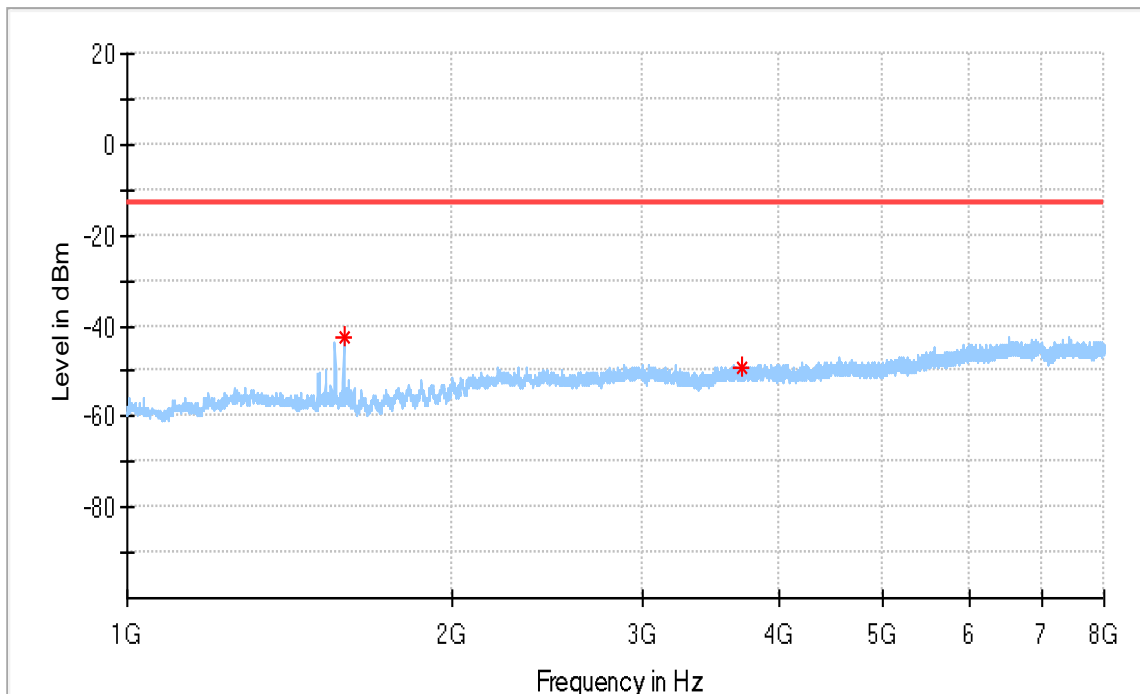
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.020000	-75.40	-13.00	62.40	100.0	V	65.0	-100.0
303.418750	-85.86	-13.00	72.86	100.0	V	212.0	-111.0
863.351250	-74.78	-13.00	61.78	100.0	V	65.0	-99.7

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
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

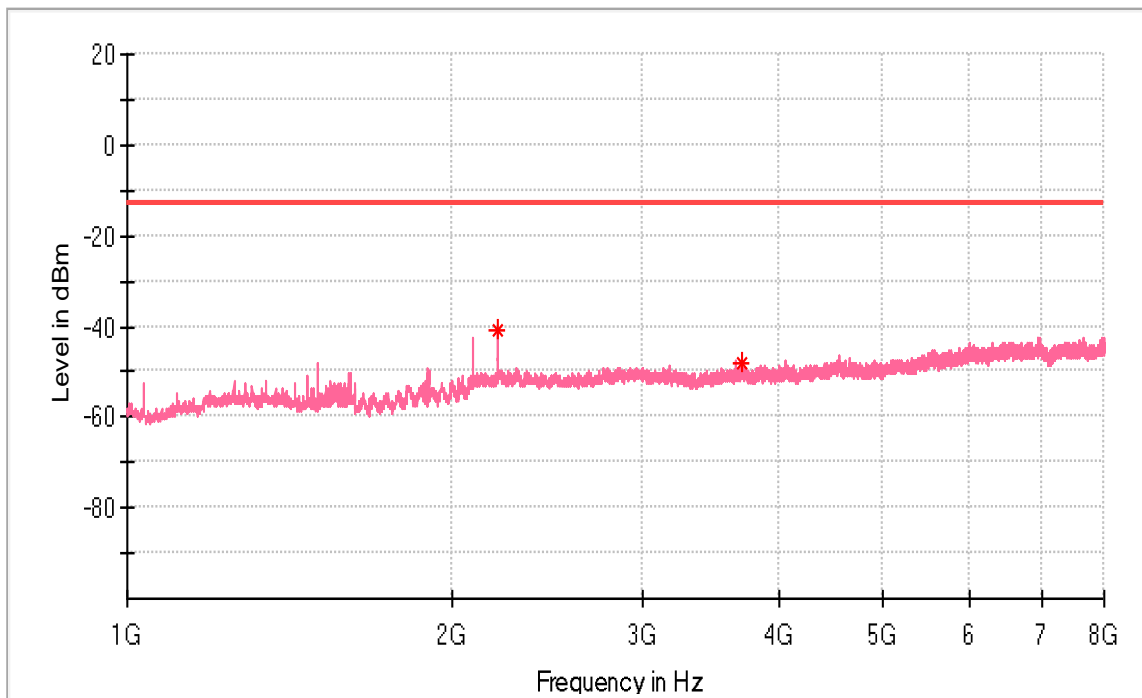


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1585.500000	-42.30	-13.00	29.30	100.0	H	84.0	-92.9
3707.000000	-49.35	-13.00	36.35	100.0	H	290.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
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

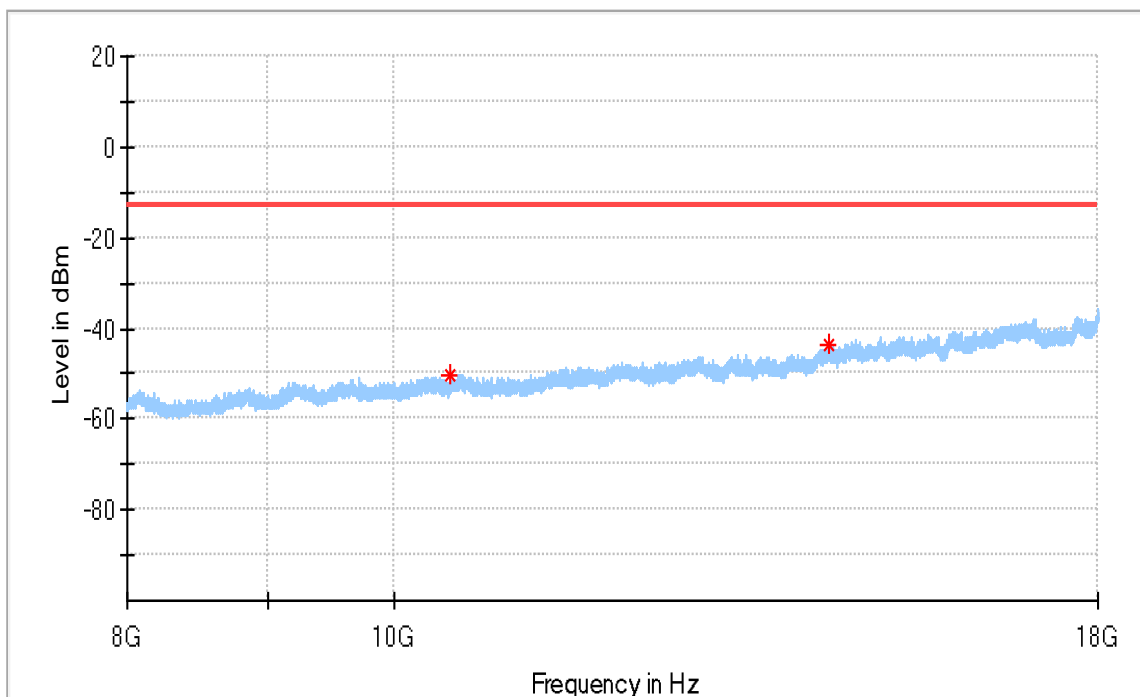


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2203.500000	-40.80	-13.00	27.80	100.0	V	60.0	-87.2
3697.500000	-48.05	-13.00	35.05	100.0	V	16.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
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

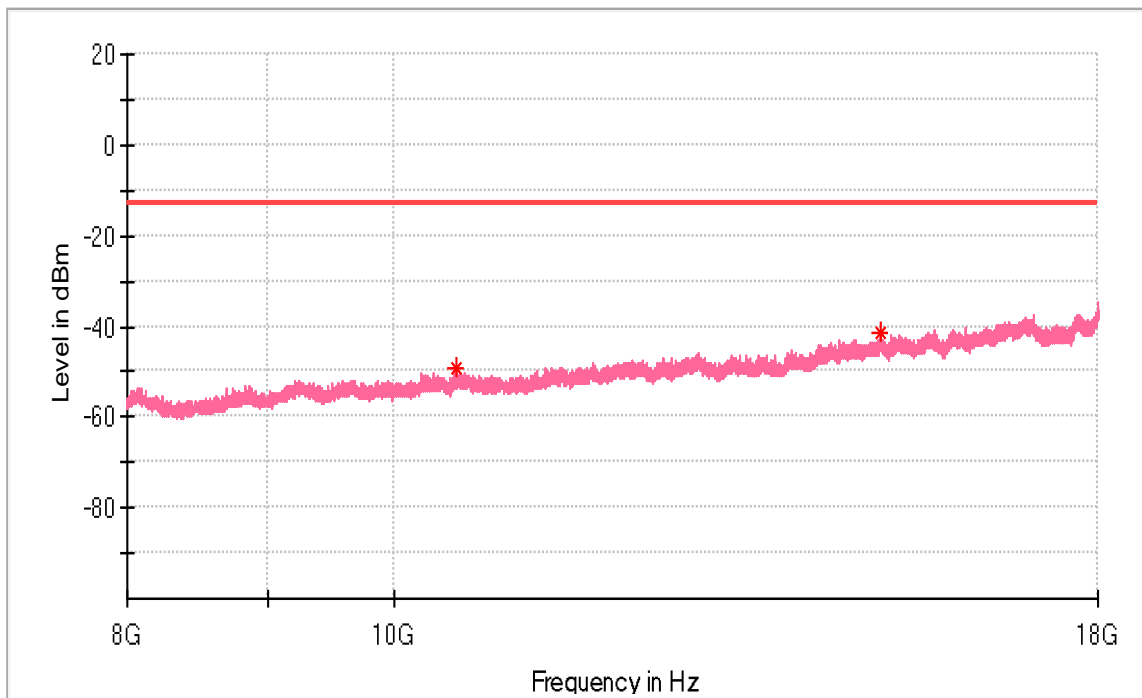


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10478.000000	-50.30	-13.00	37.30	100.0	H	288.0	-83.1
14382.000000	-43.36	-13.00	30.36	100.0	H	221.0	-77.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Low Channel
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

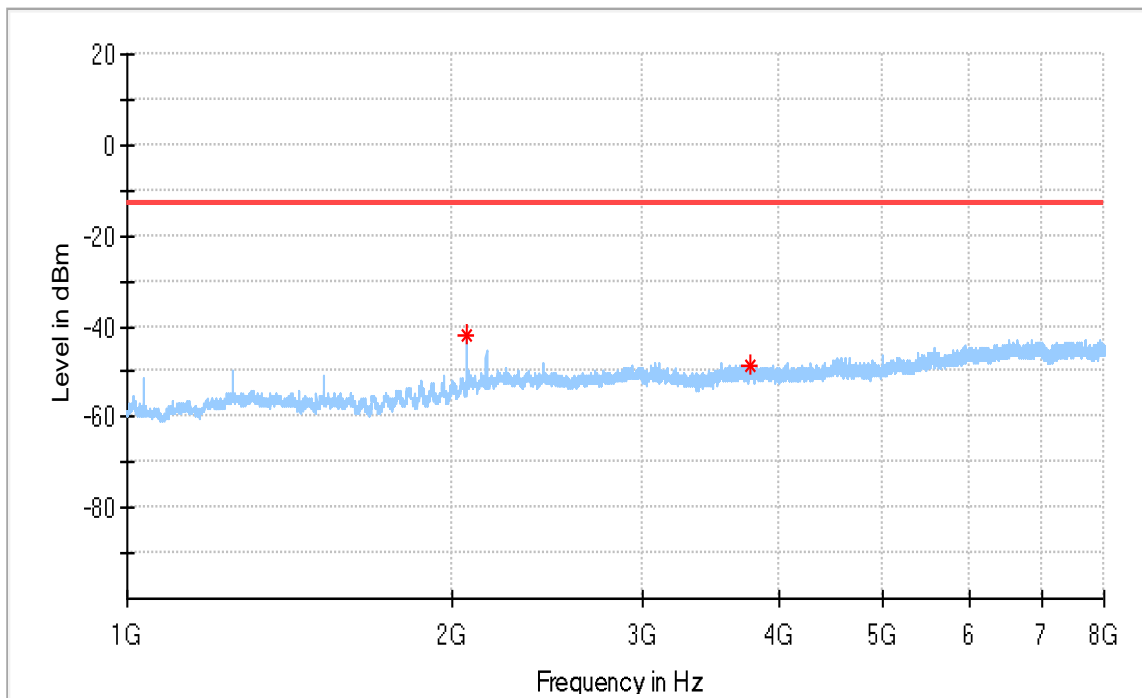


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10528.500000	-49.39	-13.00	36.39	100.0	V	108.0	-82.6
15005.000000	-41.57	-13.00	28.57	100.0	V	0.0	-77.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
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

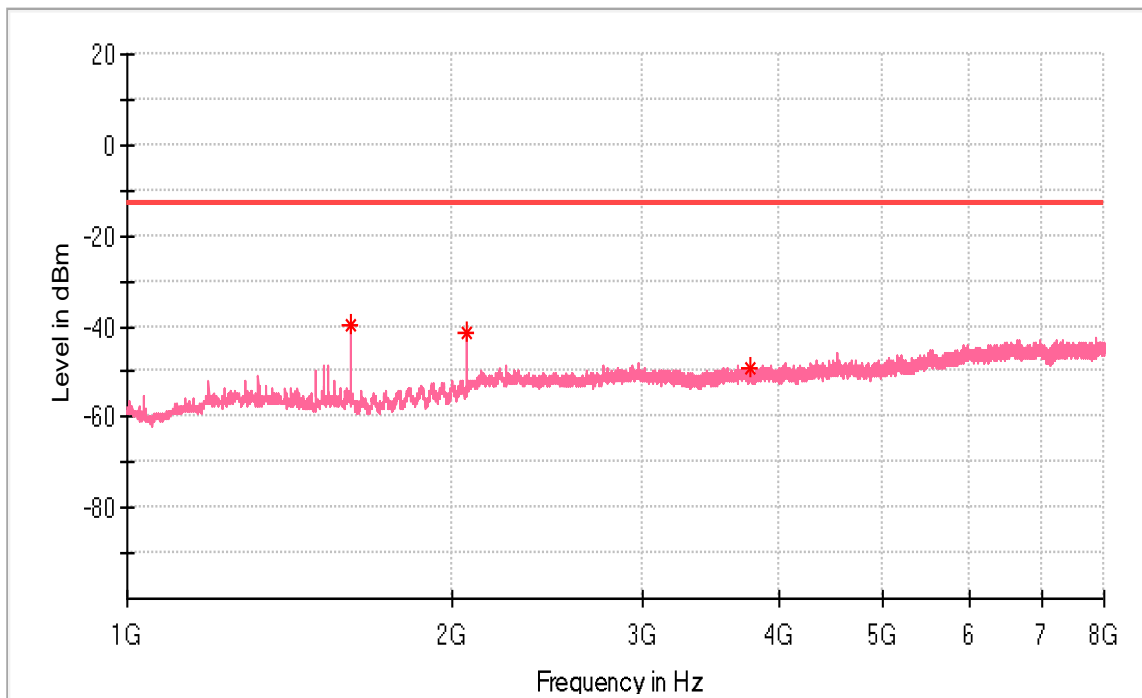


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2058.500000	-42.16	-13.00	29.16	100.0	H	288.0	-88.4
3759.000000	-48.86	-13.00	35.86	100.0	H	316.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
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

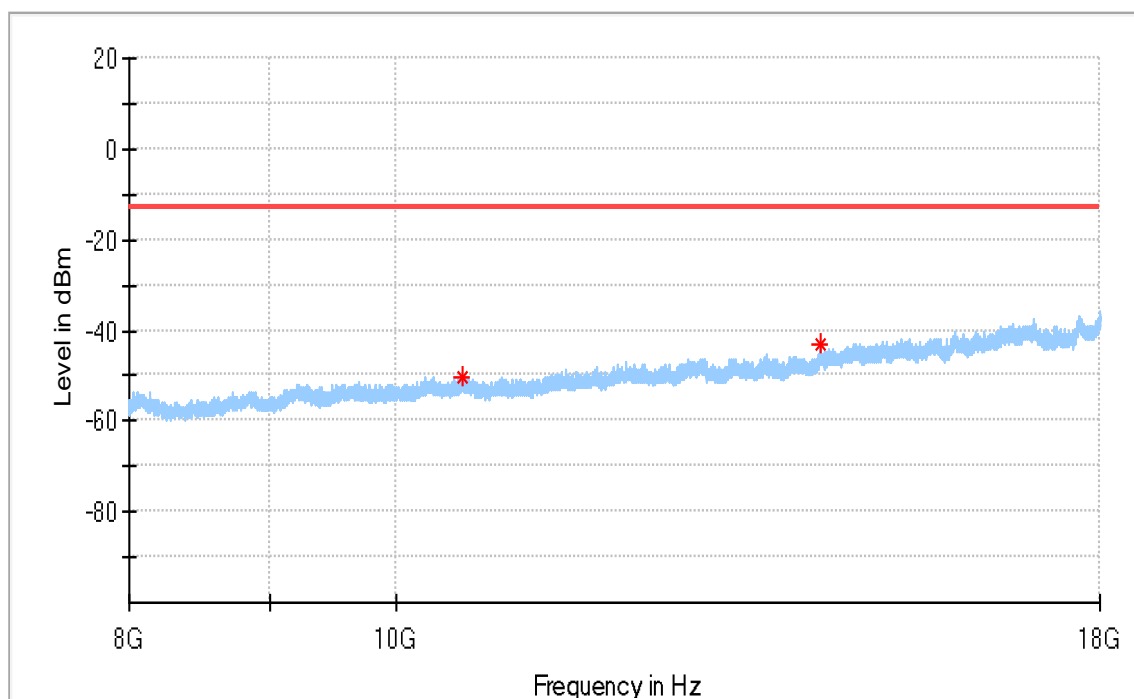


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1611.000000	-39.71	-13.00	26.71	100.0	V	222.0	-93.0
2058.500000	-41.46	-13.00	28.46	100.0	V	0.0	-89.0
3759.500000	-49.07	-13.00	36.07	100.0	V	0.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
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

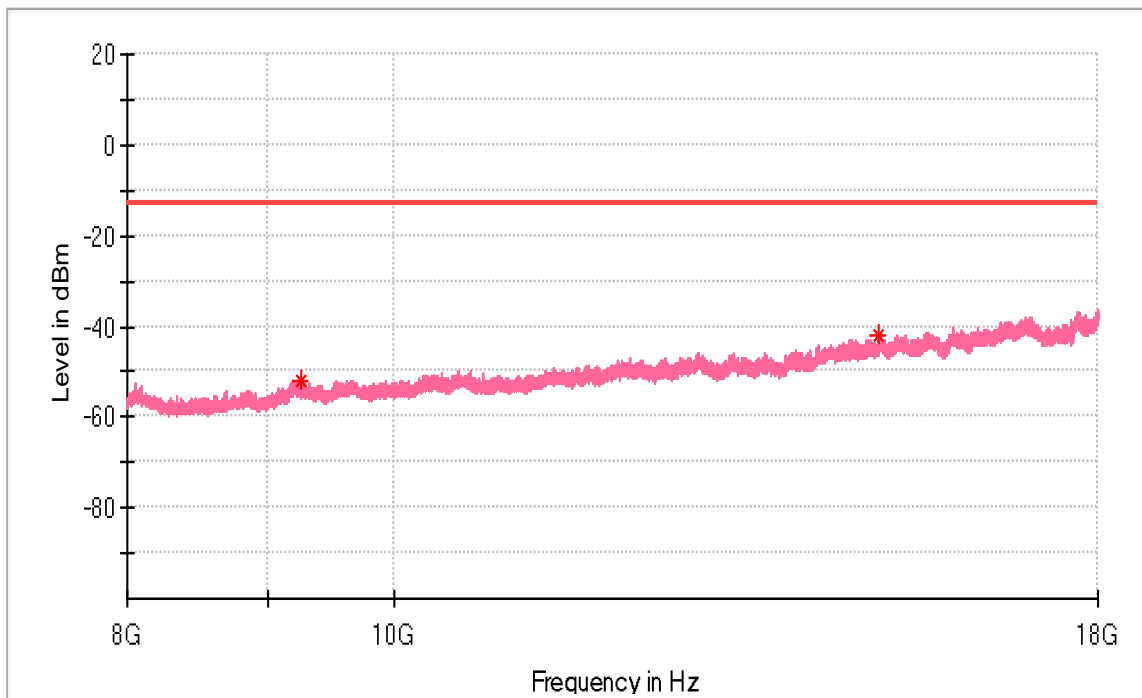


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10577.000000	-50.05	-13.00	37.05	100.0	H	352.0	-82.6
14263.000000	-43.31	-13.00	30.31	100.0	H	278.0	-77.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_Mid Channel
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

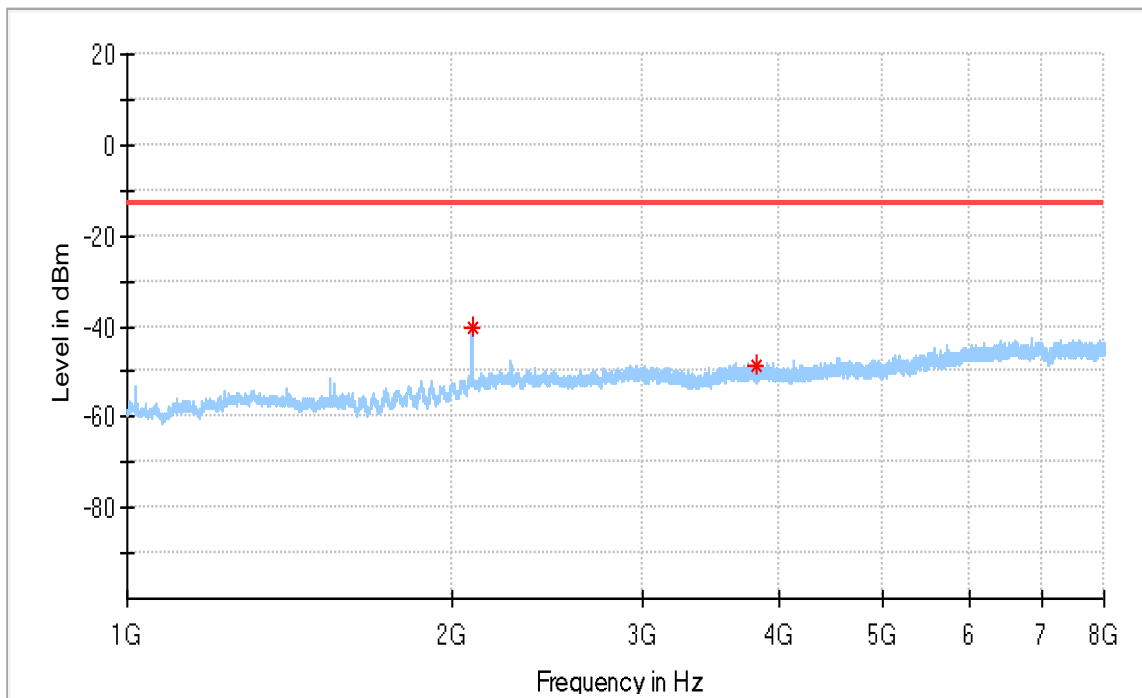


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9250.500000	-52.07	-13.00	39.07	100.0	V	200.0	-83.9
14990.000000	-42.16	-13.00	29.16	100.0	V	33.0	-77.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
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

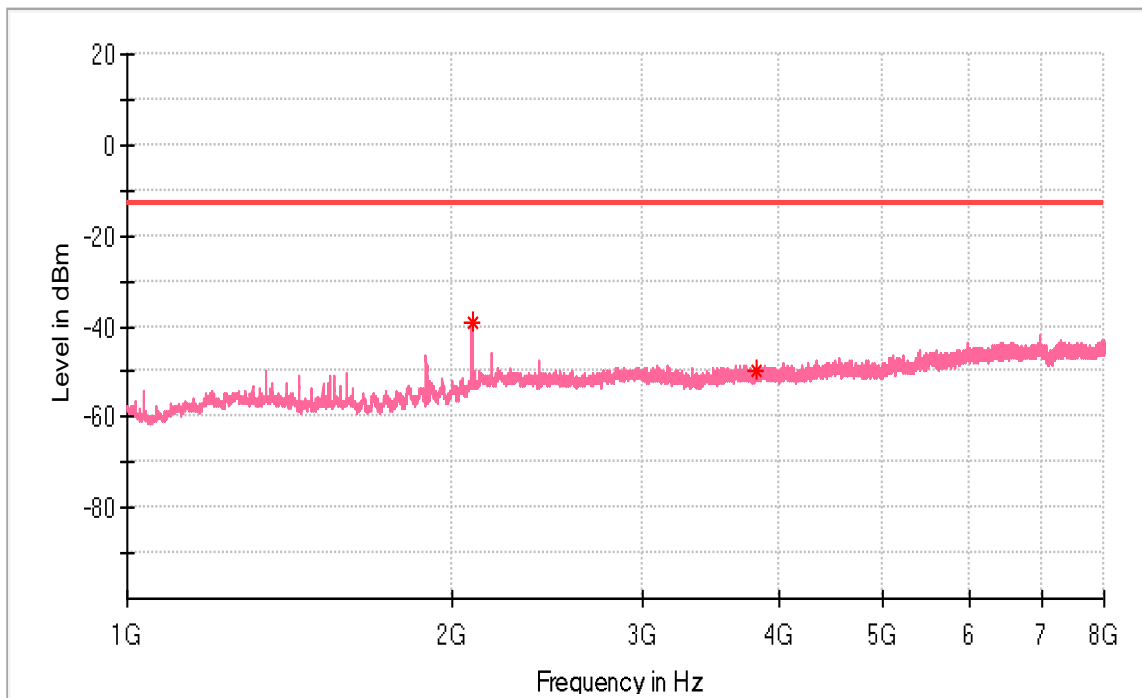


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2082.500000	-40.05	-13.00	27.05	100.0	H	13.0	-88.5
3822.500000	-48.91	-13.00	35.91	100.0	H	77.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
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

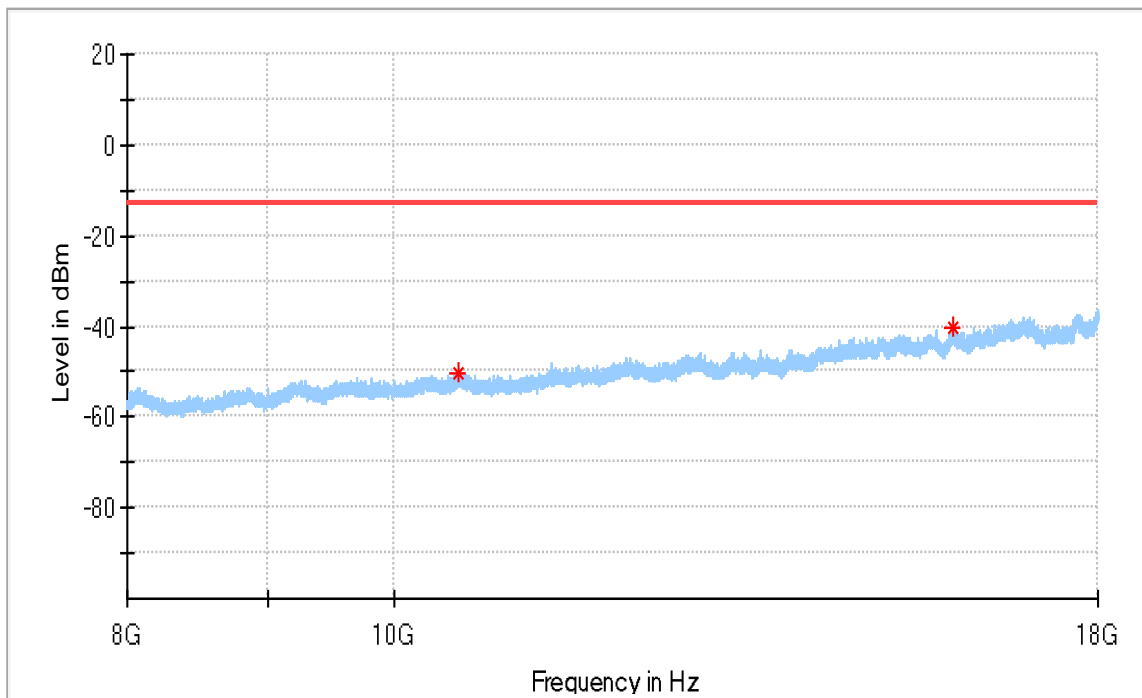


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2082.500000	-39.33	-13.00	26.33	100.0	V	351.0	-88.8
3817.500000	-49.70	-13.00	36.70	100.0	V	275.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
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

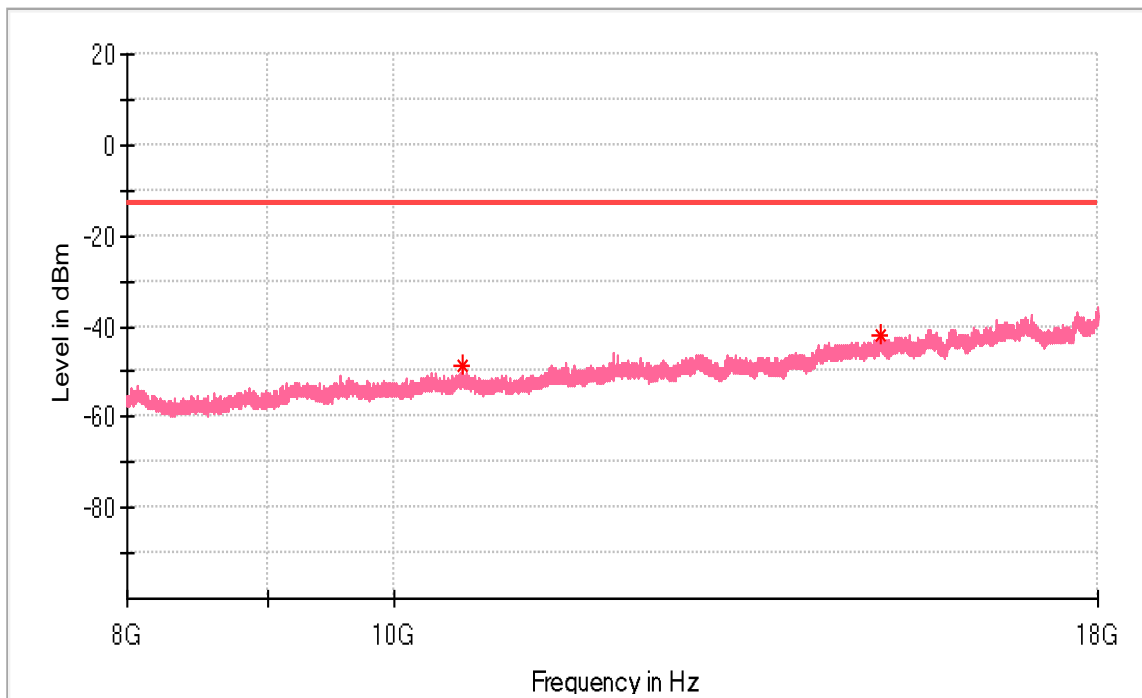


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10541.500000	-50.25	-13.00	37.25	100.0	H	116.0	-82.5
15959.500000	-40.49	-13.00	27.49	100.0	H	183.0	-76.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B2_1.4M_QPSK_1@0_High Channel
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

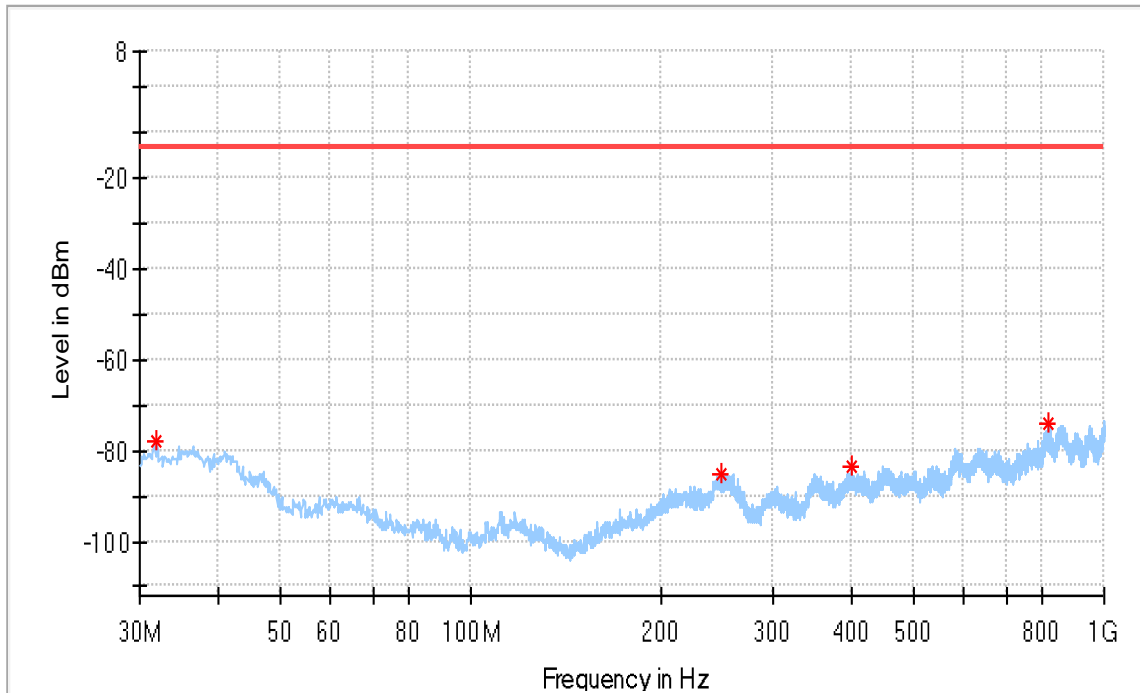
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10587.500000	-48.82	-13.00	35.82	100.0	V	48.0	-82.7
15017.000000	-41.78	-13.00	28.78	100.0	V	113.0	-77.4

APPENDIX J.2: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 4

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_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

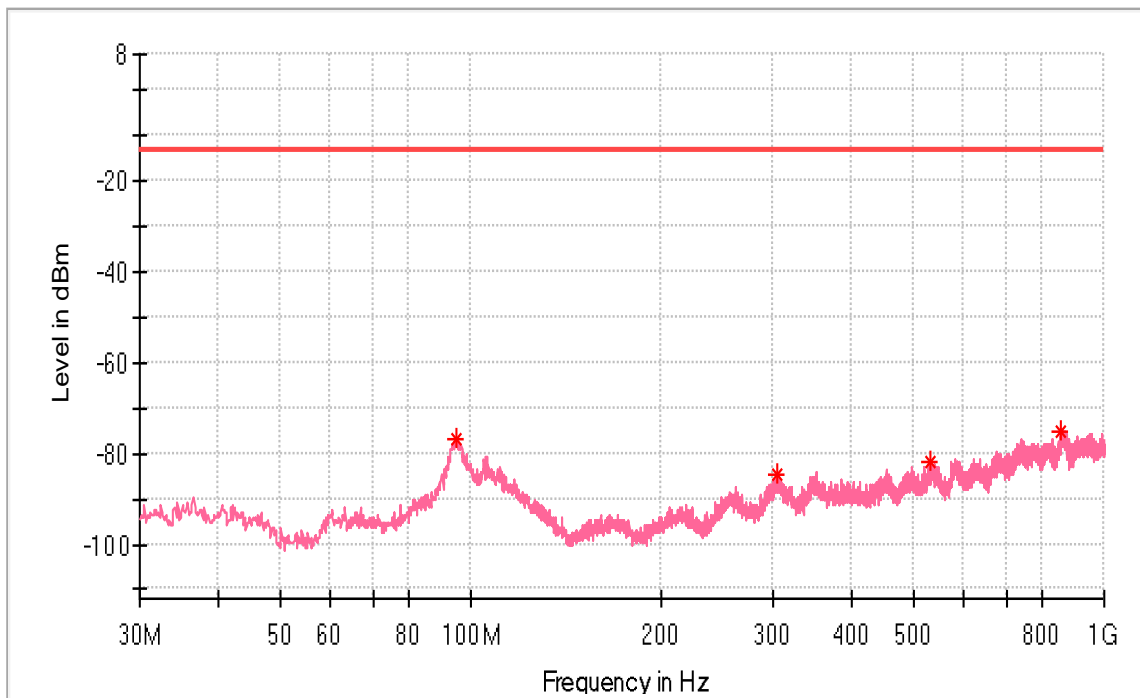


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.940000	-77.98	-13.00	64.98	100.0	H	267.0	-116.4
249.220000	-85.31	-13.00	72.31	100.0	H	0.0	-110.0
398.357500	-83.73	-13.00	70.73	100.0	H	146.0	-110.4
818.125000	-74.20	-13.00	61.20	100.0	H	274.0	-100.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_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



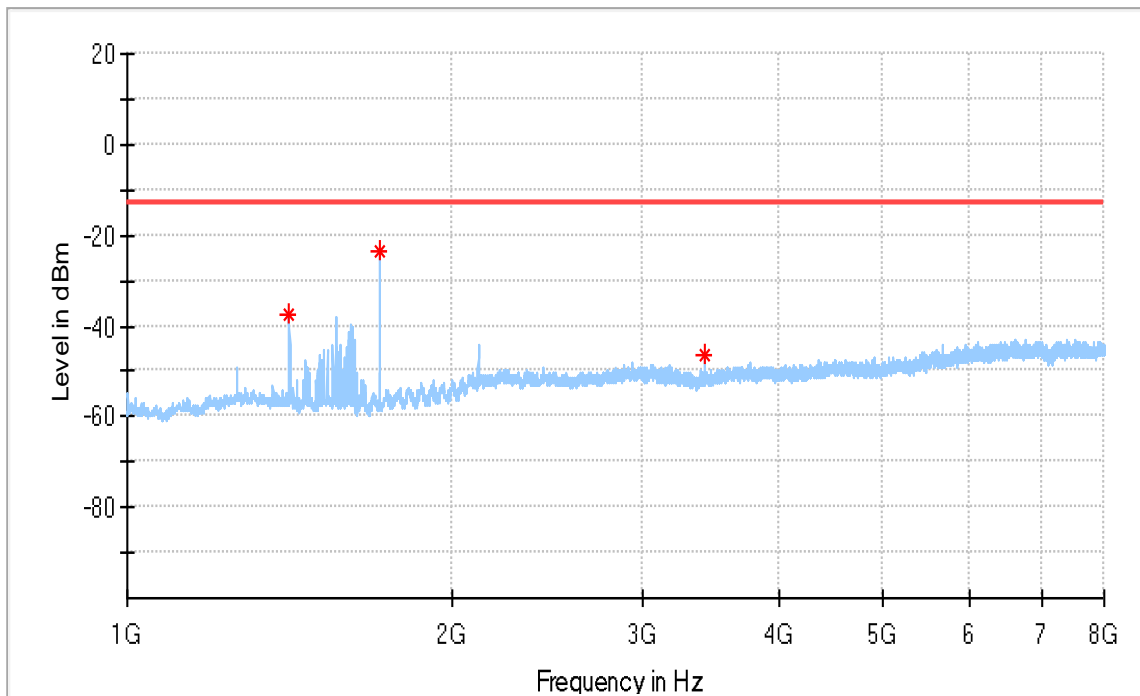
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.747500	-76.57	-13.00	63.57	100.0	V	88.0	-99.8
305.601250	-84.73	-13.00	71.73	100.0	V	245.0	-111.0
531.247500	-81.90	-13.00	68.90	100.0	V	210.0	-107.7
856.318750	-74.89	-13.00	61.89	100.0	V	172.0	-100.3

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
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

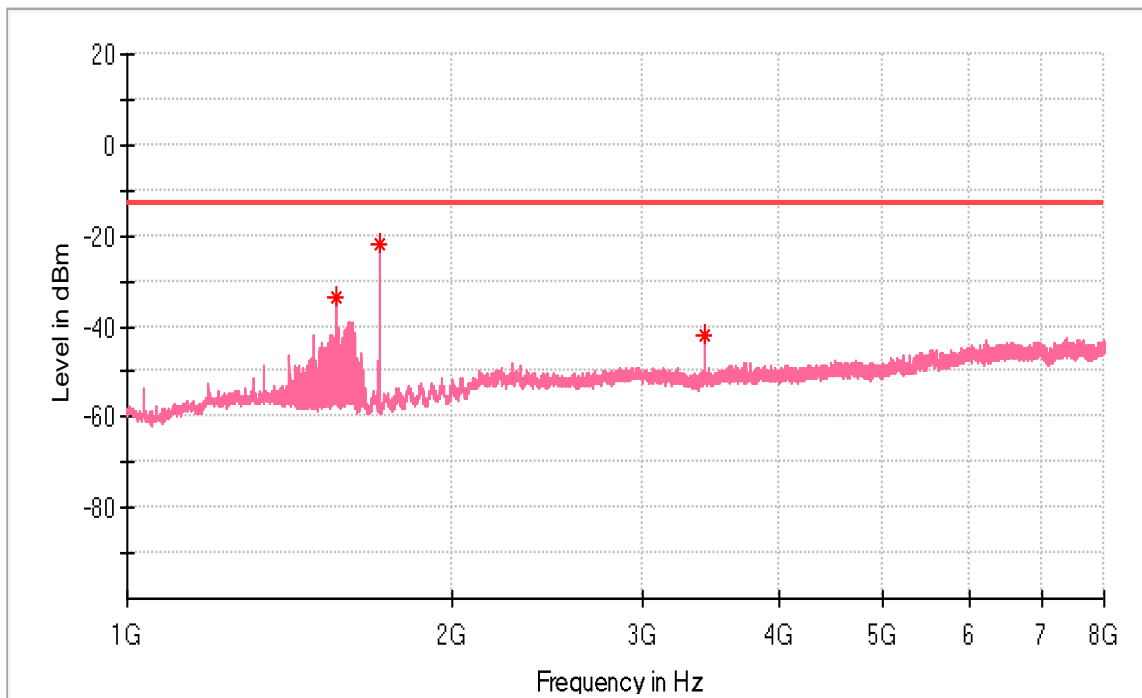


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1412.500000	-37.30	-13.00	24.30	100.0	H	135.0	-92.6
1710.000000	-23.67	-13.00	10.67	100.0	H	73.0	-92.1
3420.500000	-46.61	-13.00	33.61	100.0	H	69.0	-87.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
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

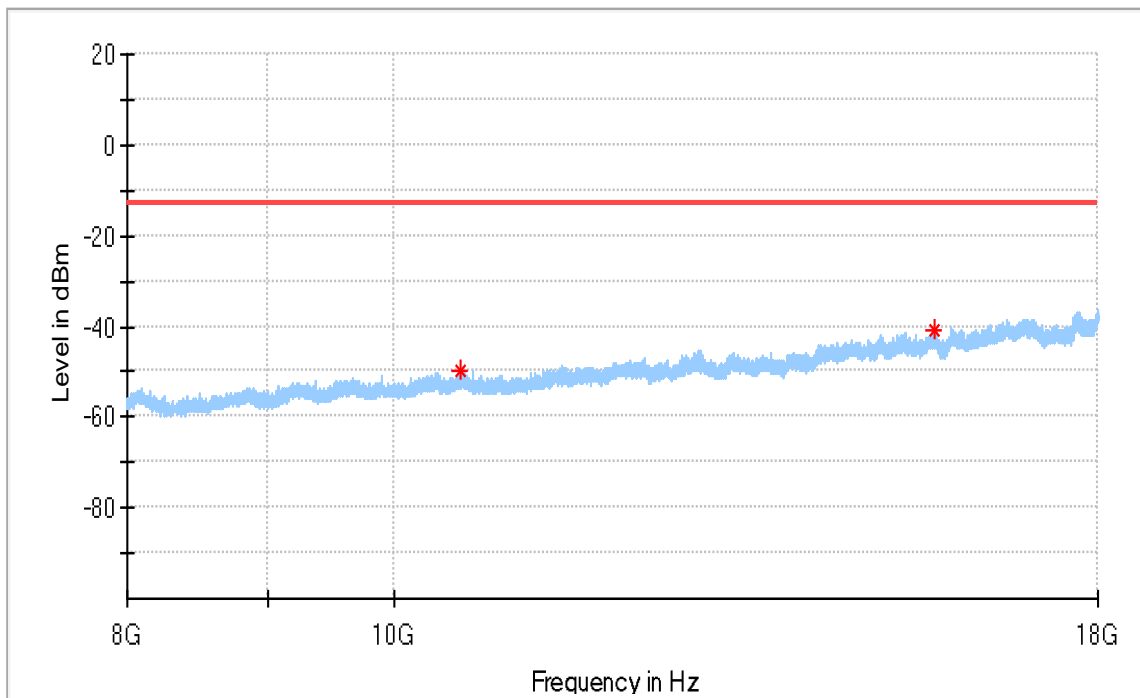


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-33.36	-13.00	20.36	100.0	V	302.0	-93.0
1710.500000	-21.97	-13.00	8.97	100.0	V	271.0	-91.9
3420.500000	-41.97	-13.00	28.97	100.0	V	3.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
Test Voltage::	DC 3.8V From DC Source
Remark:	Temp 23 Humi:55%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
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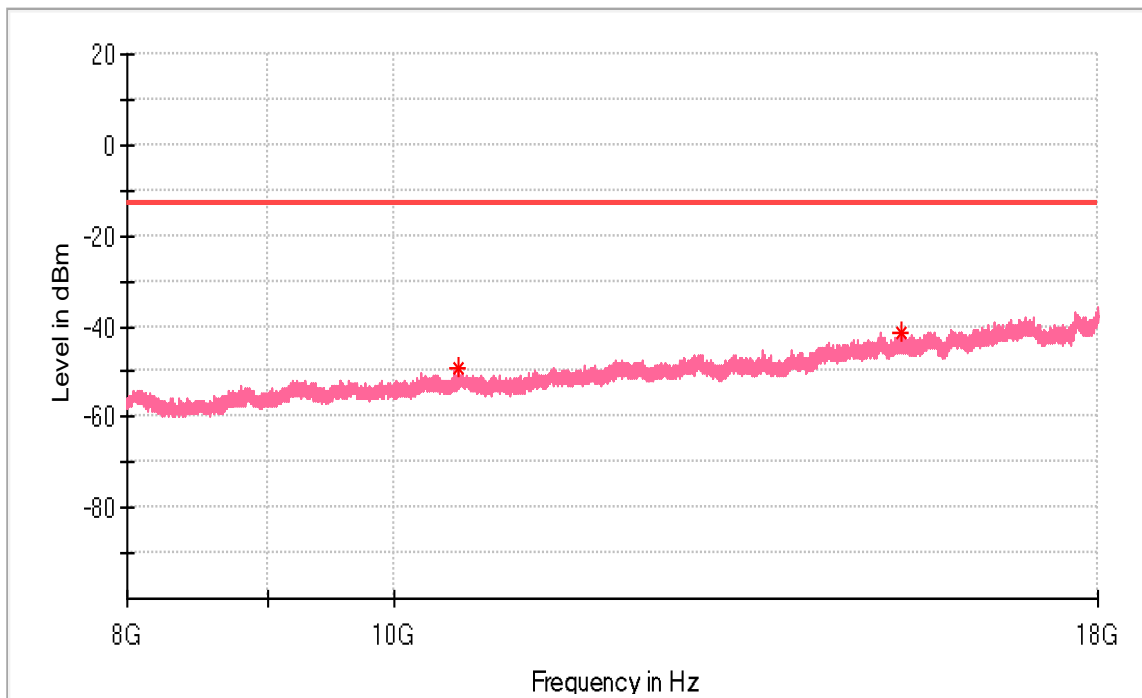


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10565.500000	-49.89	-13.00	36.89	100.0	H	244.0	-82.5
15689.500000	-40.64	-13.00	27.64	100.0	H	178.0	-77.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Low Channel
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

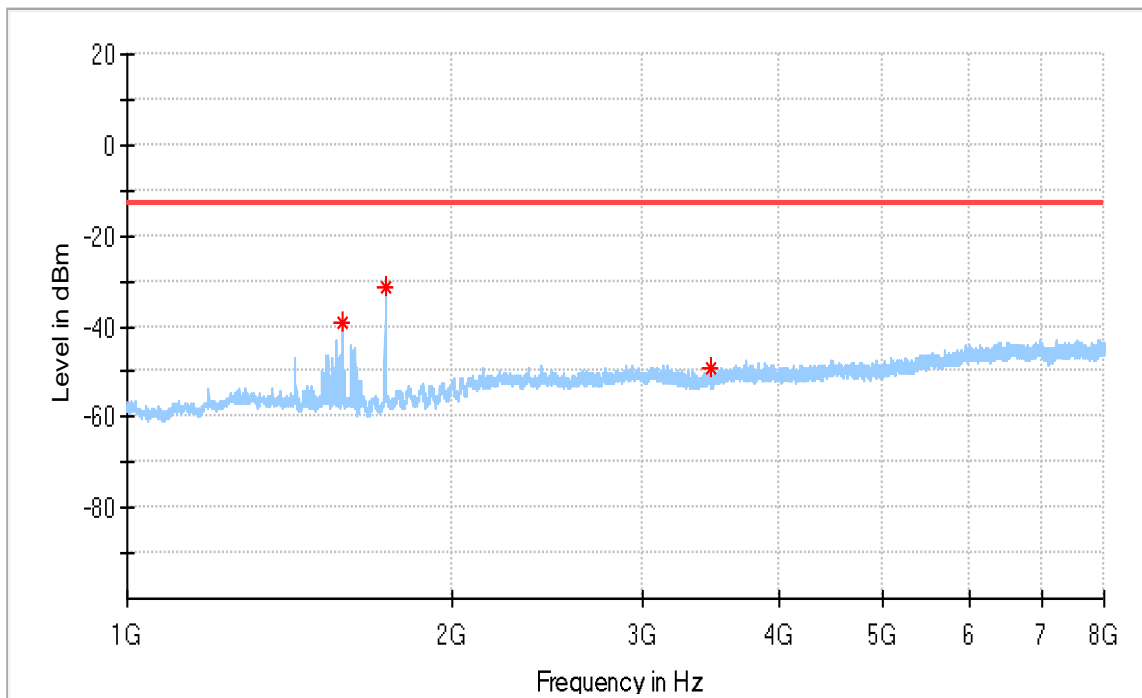


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10544.500000	-48.96	-13.00	35.96	100.0	V	4.0	-82.4
15261.500000	-41.52	-13.00	28.52	100.0	V	148.0	-77.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
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

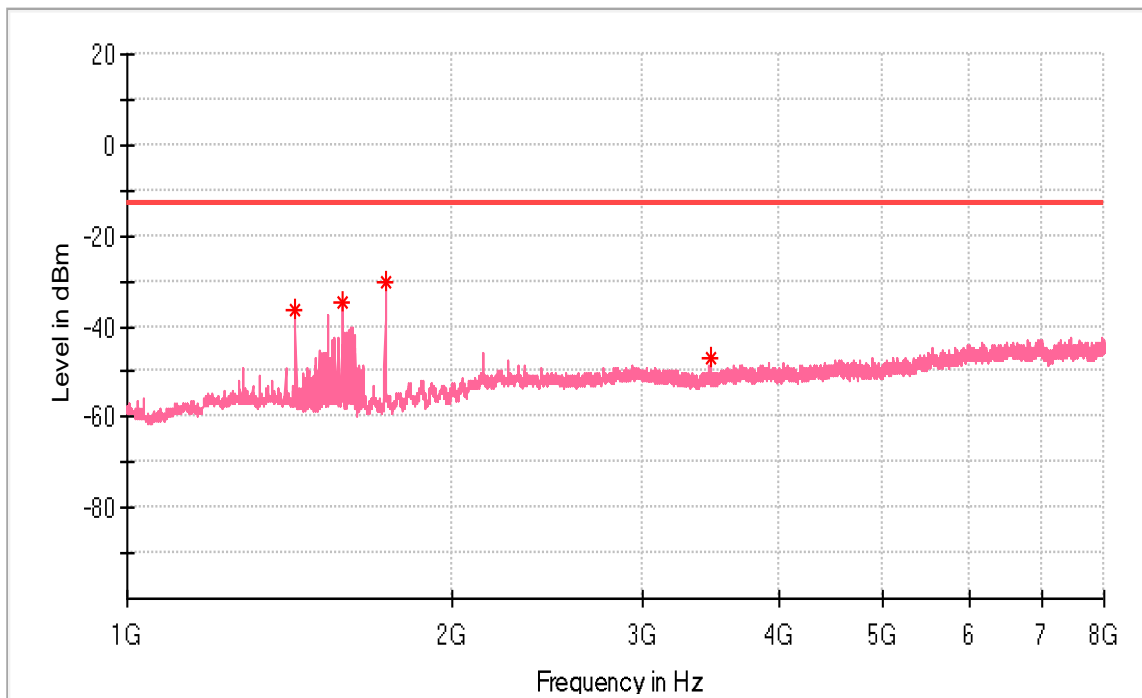


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.000000	-38.95	-13.00	25.95	100.0	H	127.0	-93.0
1732.000000	-31.61	-13.00	18.61	100.0	H	301.0	-91.4
3464.000000	-49.44	-13.00	36.44	100.0	H	248.0	-88.1

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Test Standard:	FCC Part 27
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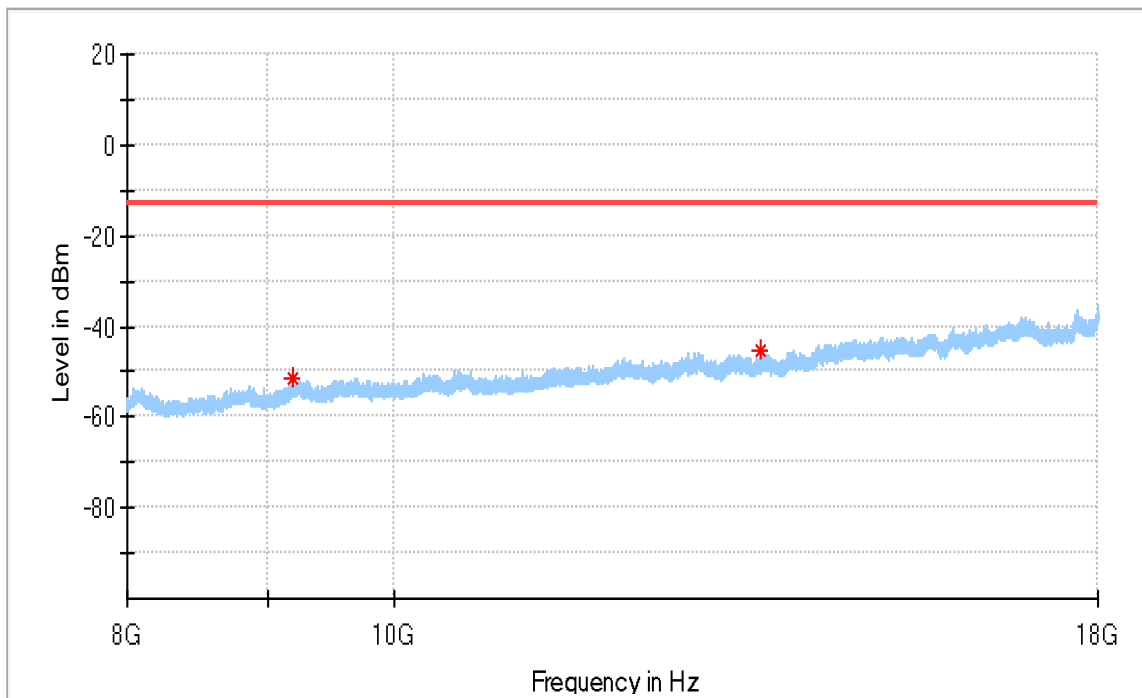


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1430.500000	-36.34	-13.00	23.34	100.0	V	100.0	-93.6
1581.500000	-34.94	-13.00	21.94	100.0	V	303.0	-93.0
1732.000000	-30.31	-13.00	17.31	100.0	V	31.0	-91.6
3464.000000	-47.11	-13.00	34.11	100.0	V	0.0	-87.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
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

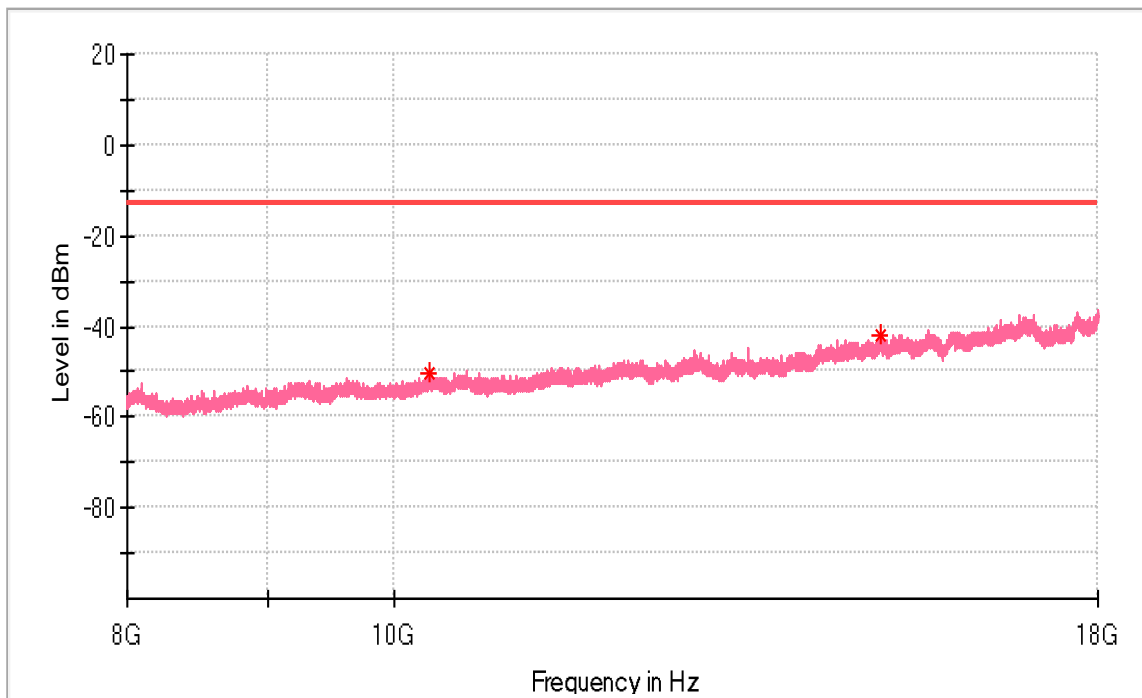


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9193.000000	-51.52	-13.00	38.52	100.0	H	287.0	-84.3
13577.500000	-45.34	-13.00	32.34	100.0	H	74.0	-79.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_Mid Channel
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

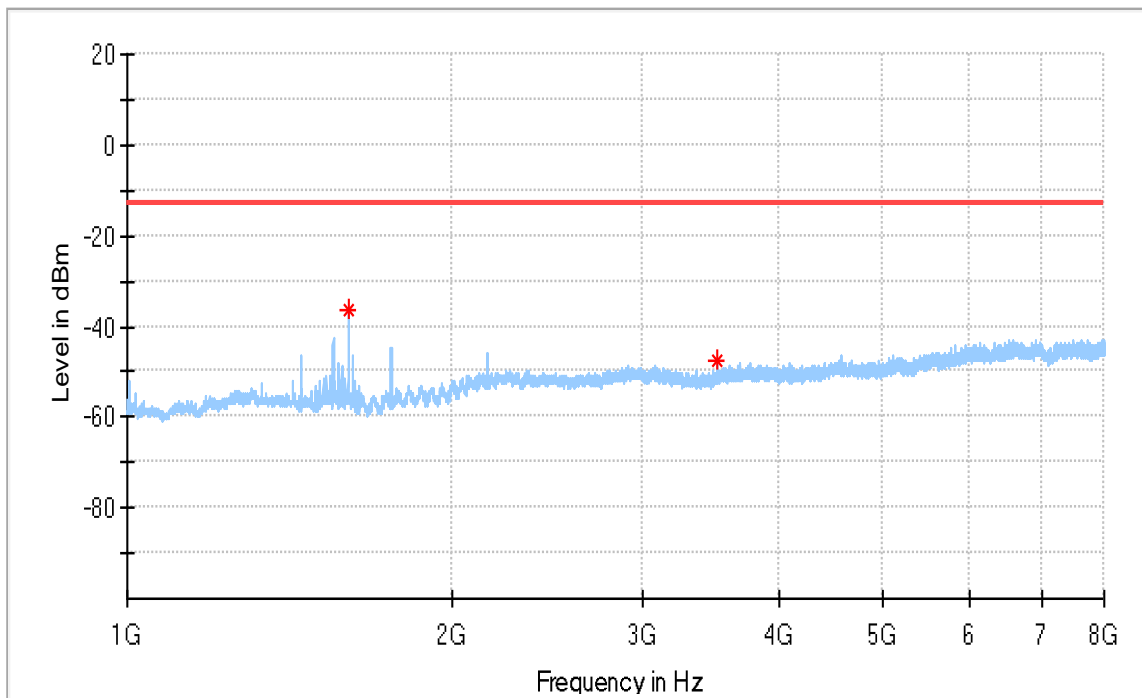


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10289.500000	-50.57	-13.00	37.57	100.0	V	118.0	-83.5
15021.000000	-41.90	-13.00	28.90	100.0	V	2.0	-77.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
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

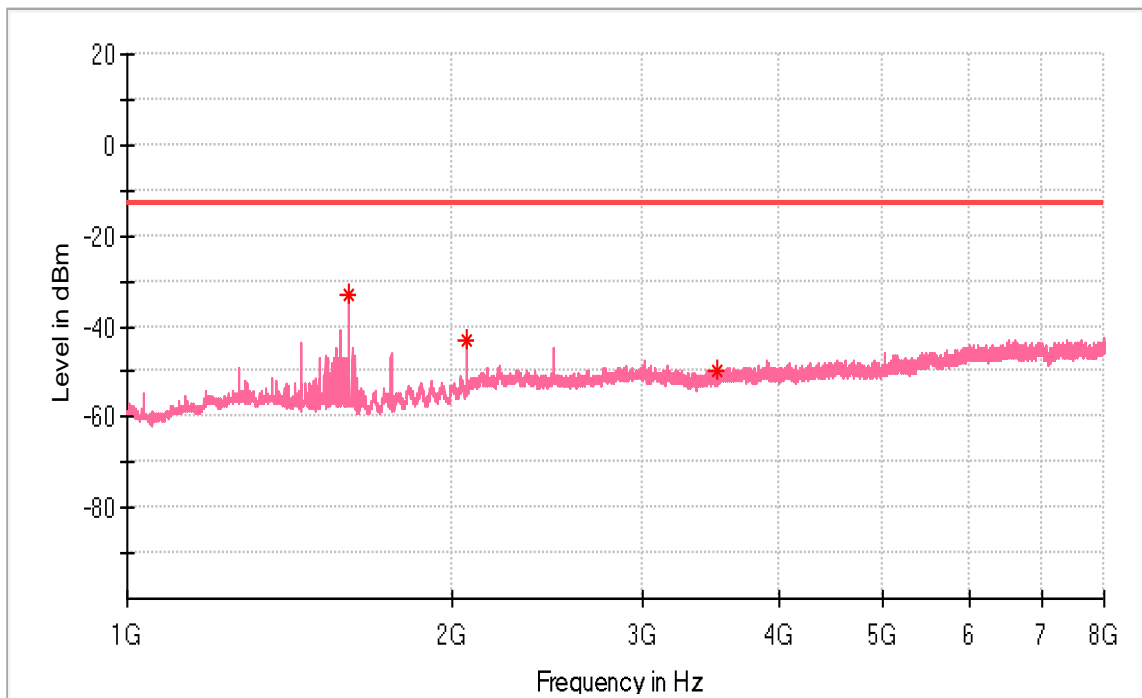


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1601.000000	-36.36	-13.00	23.36	100.0	H	335.0	-92.8
3507.500000	-47.35	-13.00	34.35	100.0	H	133.0	-87.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
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

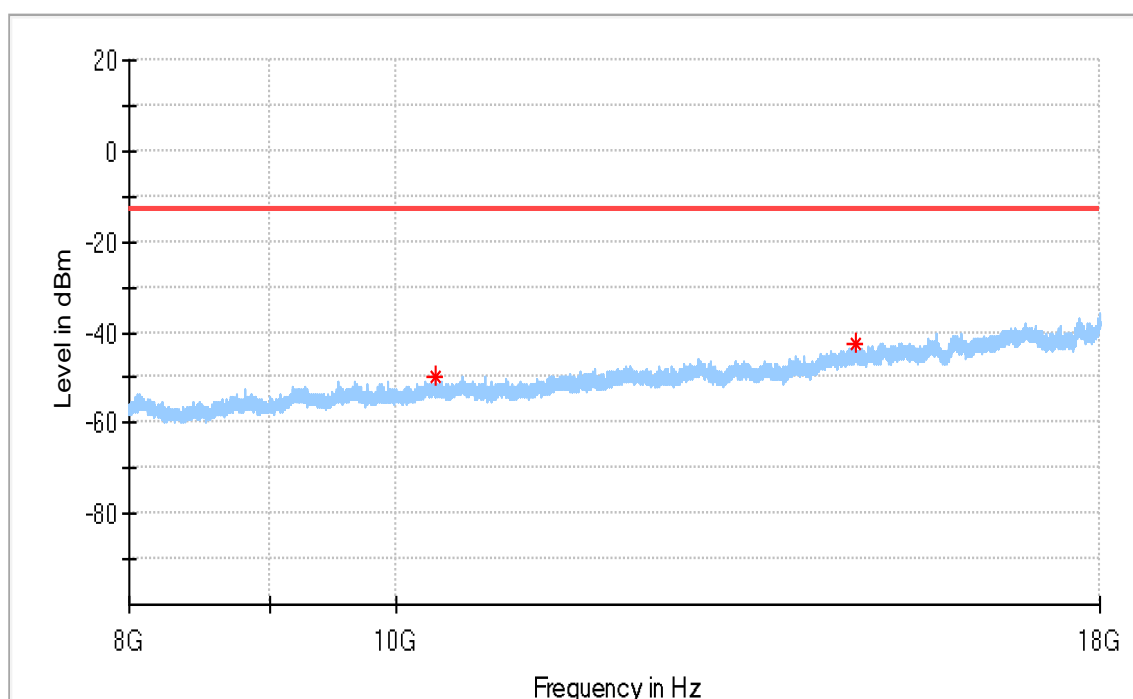


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1601.000000	-32.87	-13.00	19.87	100.0	V	0.0	-92.9
2059.000000	-42.93	-13.00	29.93	100.0	V	133.0	-89.0
3507.500000	-49.82	-13.00	36.82	100.0	V	229.0	-87.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
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

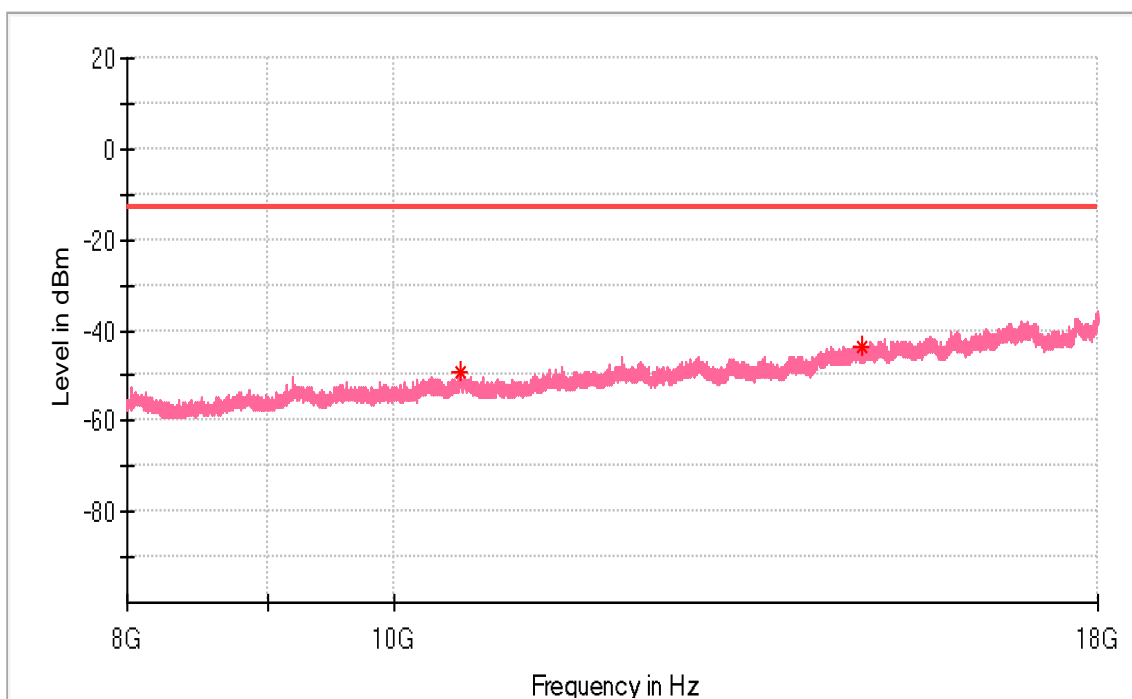


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10332.000000	-49.94	-13.00	36.94	100.0	H	190.0	-83.2
14666.500000	-42.56	-13.00	29.56	100.0	H	22.0	-77.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B4_1.4M_QPSK_1@0_High Channel
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

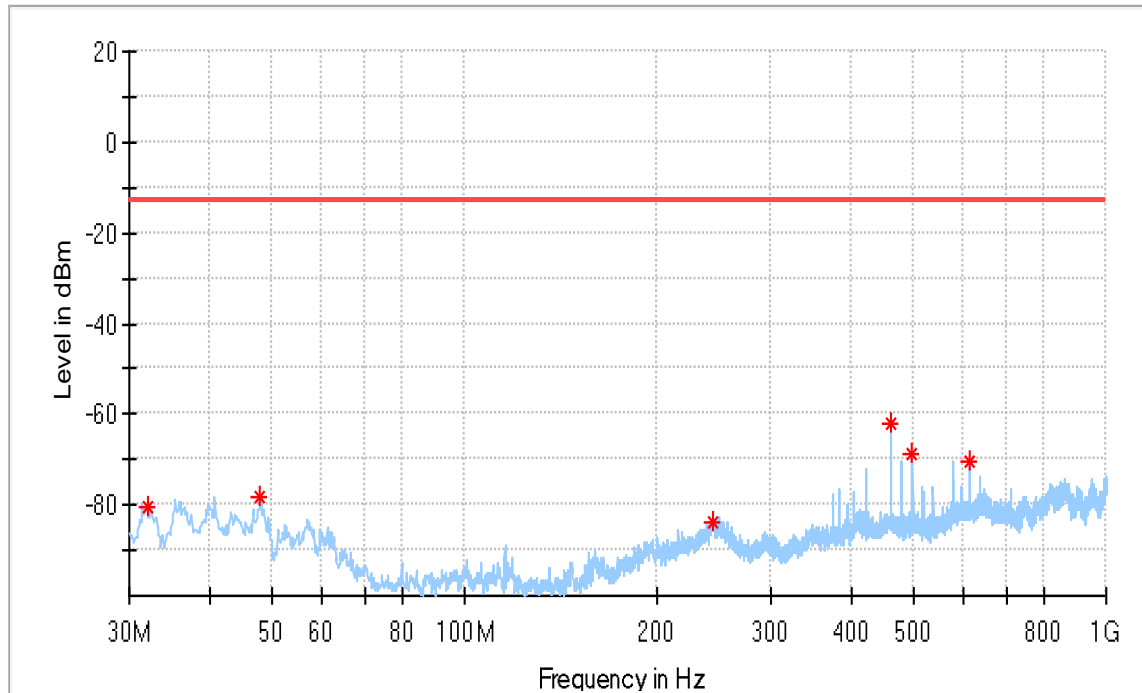
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10565.000000	-48.99	-13.00	35.99	100.0	V	354.0	-82.4
14781.500000	-43.43	-13.00	30.43	100.0	V	0.0	-77.4

APPENDIX J.3: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 5

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_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

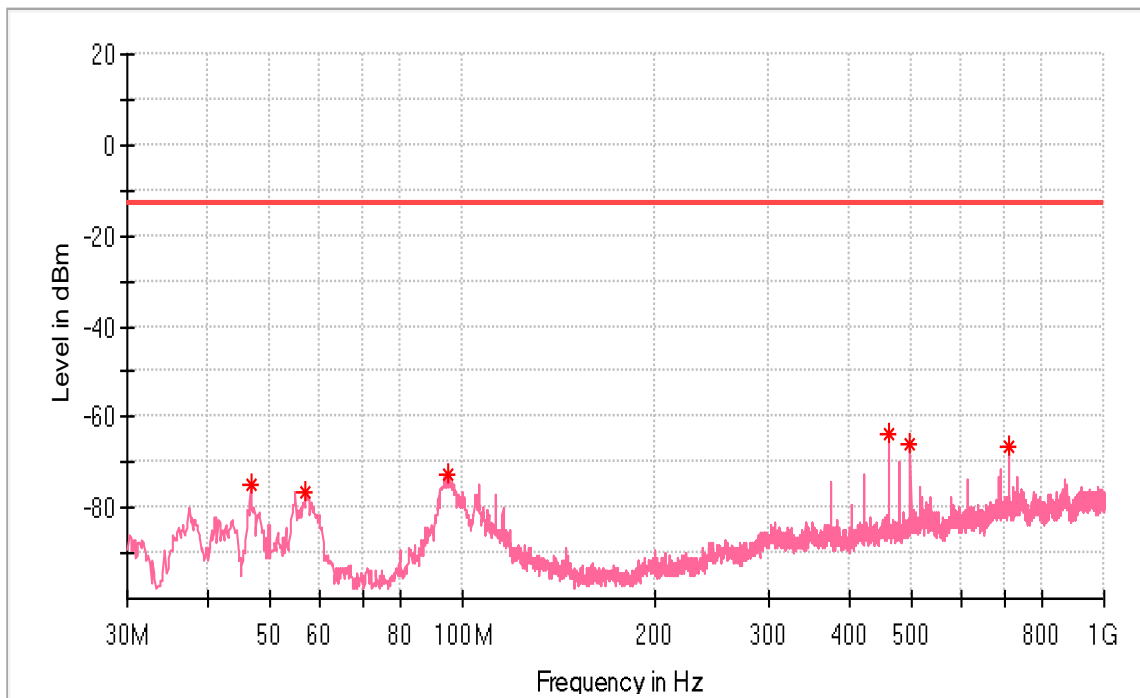


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.061250	-80.61	-13.00	67.61	100.0	H	309.0	-116.5
48.066250	-78.26	-13.00	65.26	100.0	H	247.0	-114.5
243.400000	-83.78	-13.00	70.78	100.0	H	199.0	-109.9
460.801250	-61.86	-13.00	48.86	100.0	H	255.0	-108.5
499.237500	-68.49	-13.00	55.49	100.0	H	93.0	-109.7
614.425000	-70.32	-13.00	57.32	100.0	H	86.0	-105.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_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



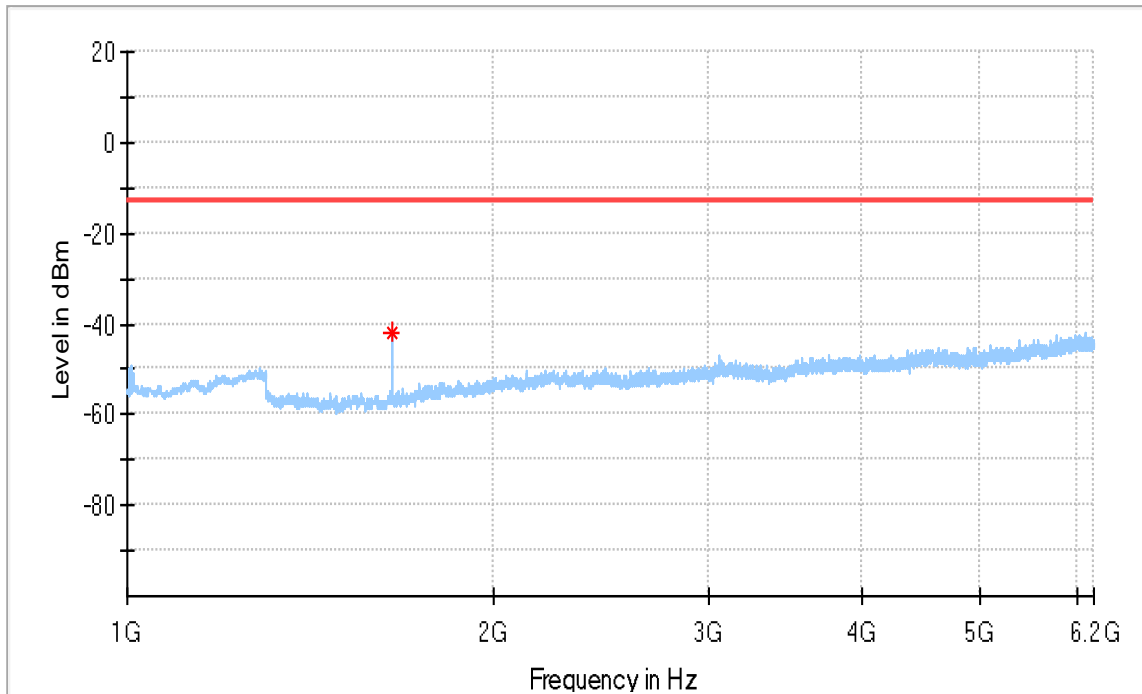
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
46.732500	-75.09	-13.00	62.09	100.0	V	6.0	-122.4
56.917500	-76.39	-13.00	63.39	100.0	V	0.0	-122.3
95.232500	-72.73	-13.00	59.73	100.0	V	225.0	-99.9
460.801250	-63.64	-13.00	50.64	100.0	V	33.0	-109.7
499.237500	-66.02	-13.00	53.02	100.0	V	280.0	-109.2
710.455000	-66.67	-13.00	53.67	100.0	V	150.0	-104.6

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
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

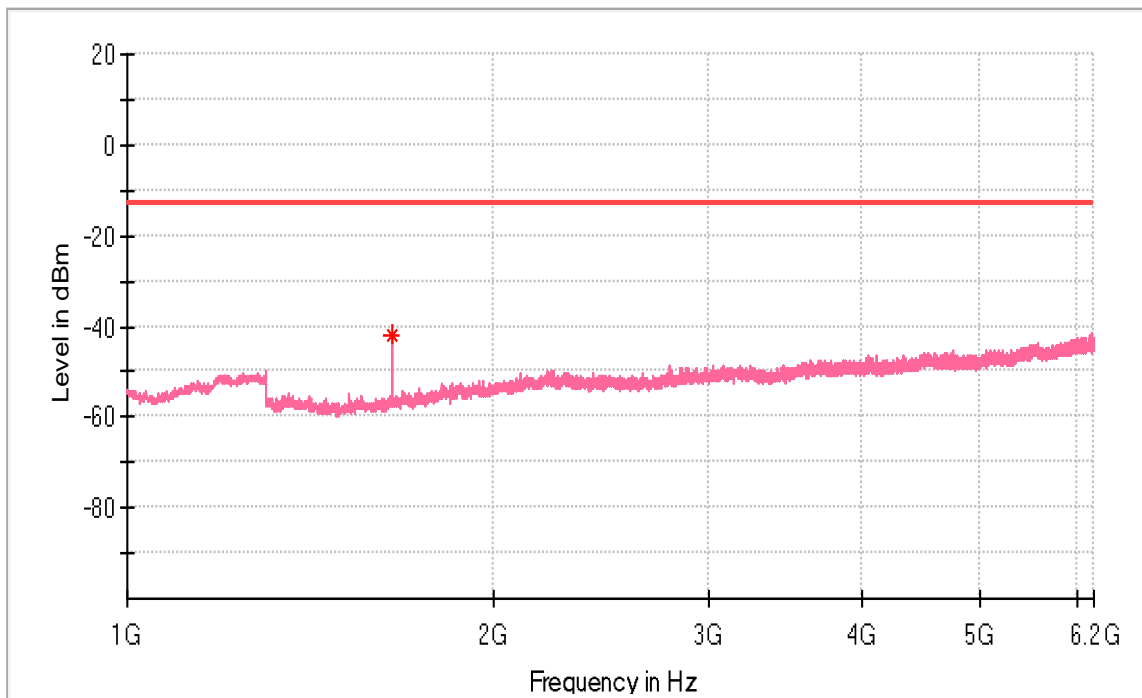


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-42.01	-13.00	29.01	100.0	H	354.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
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

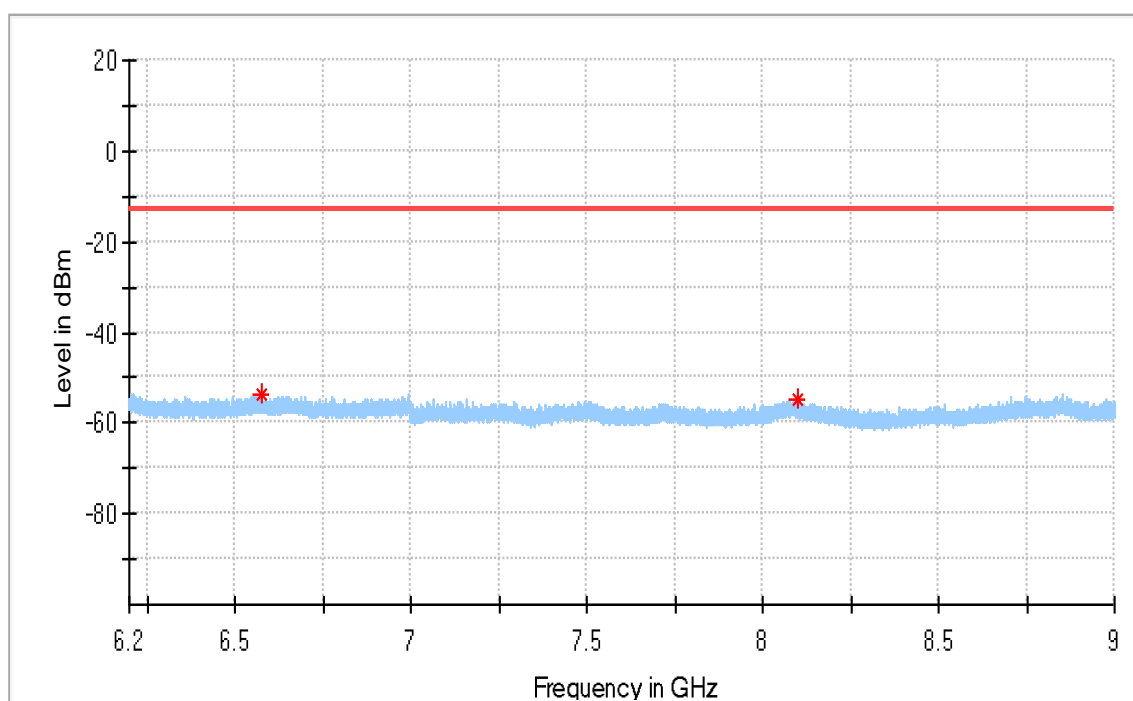


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-41.95	-13.00	28.95	100.0	V	46.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
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

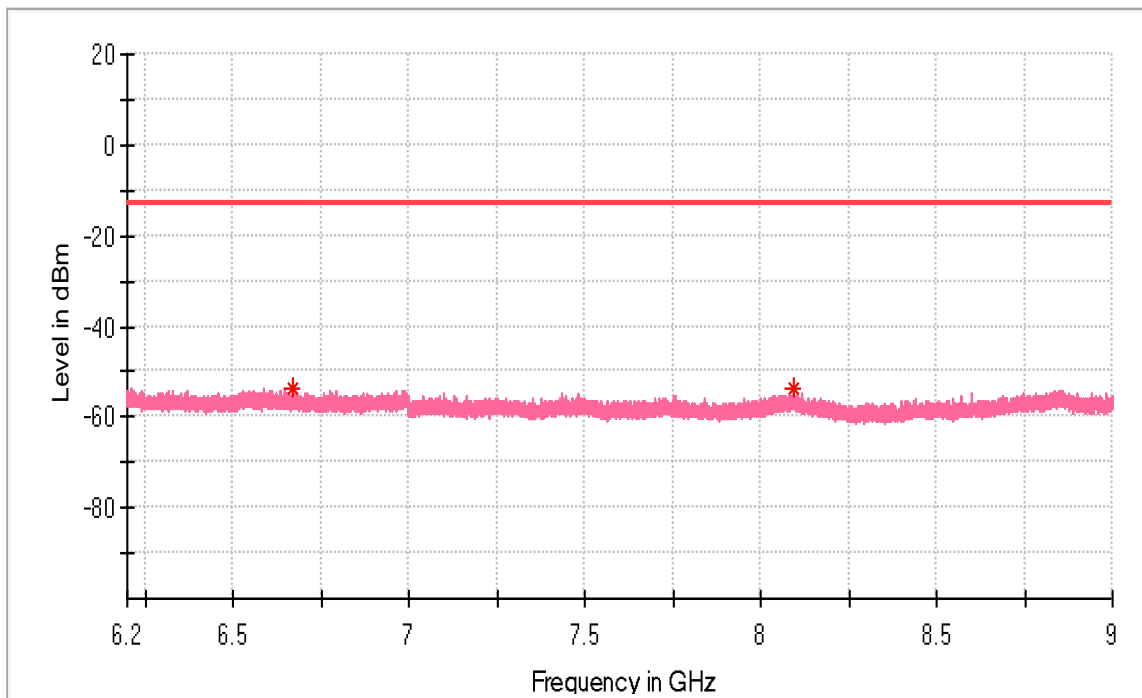


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6576.950000	-53.83	-13.00	40.83	100.0	H	250.0	-87.5
8100.383333	-54.73	-13.00	41.73	100.0	H	78.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Low Channel
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

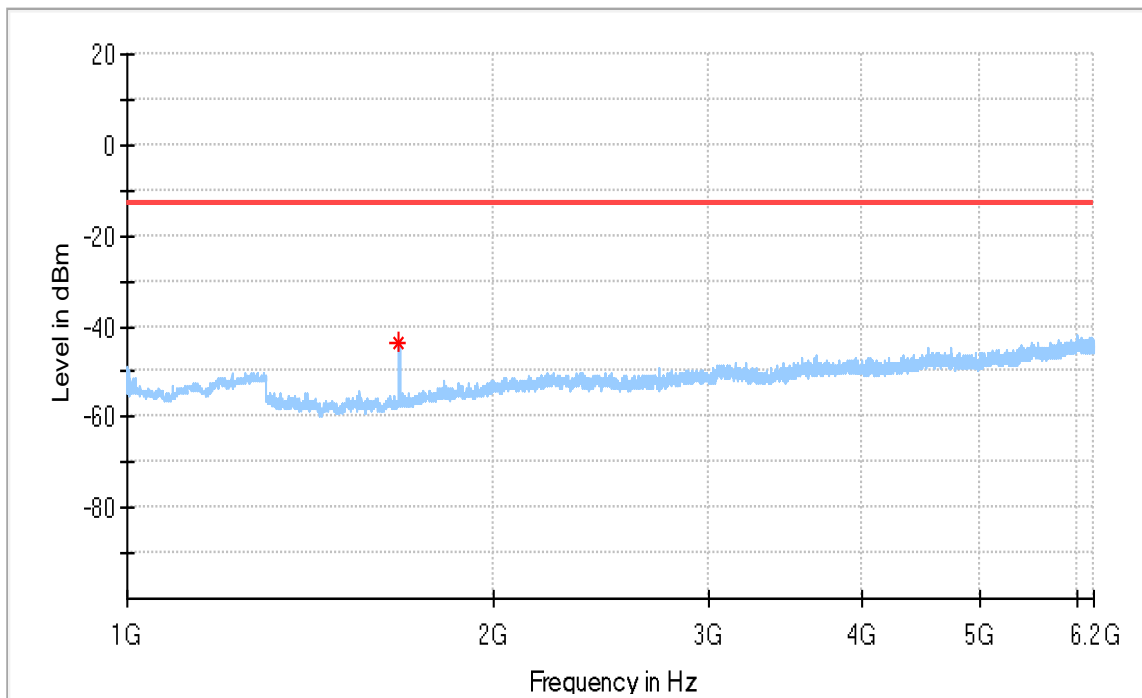


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6670.633333	-53.62	-13.00	40.62	100.0	V	252.0	-87.9
8092.100000	-53.73	-13.00	40.73	100.0	V	225.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
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

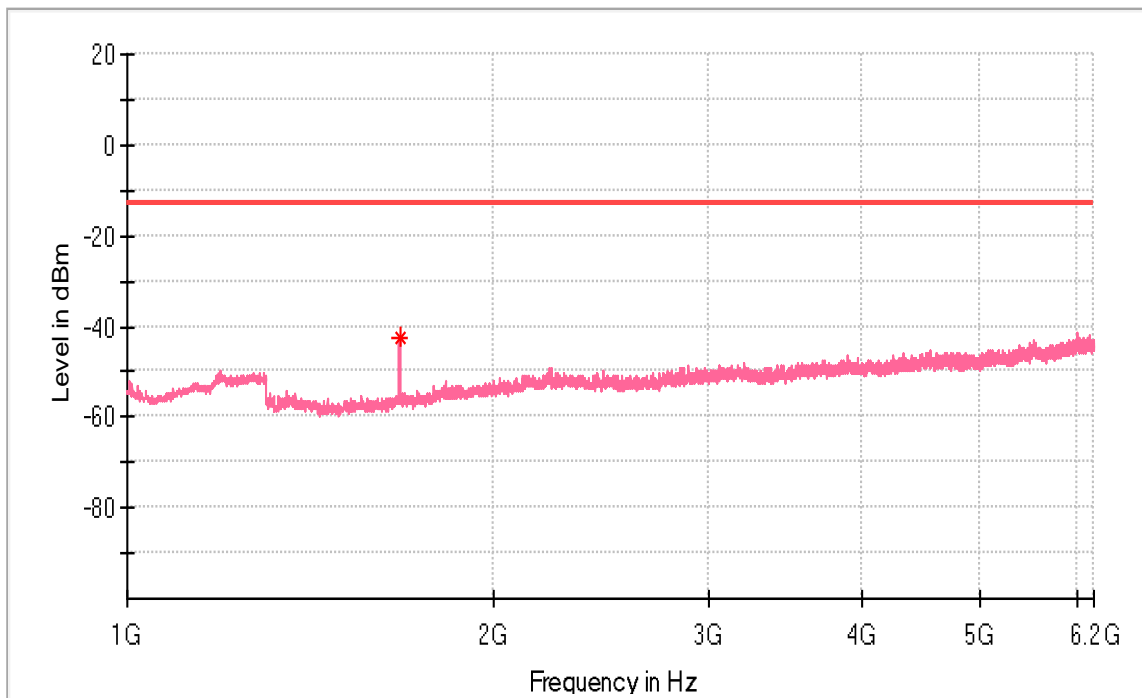


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-43.90	-13.00	30.90	100.0	H	352.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
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

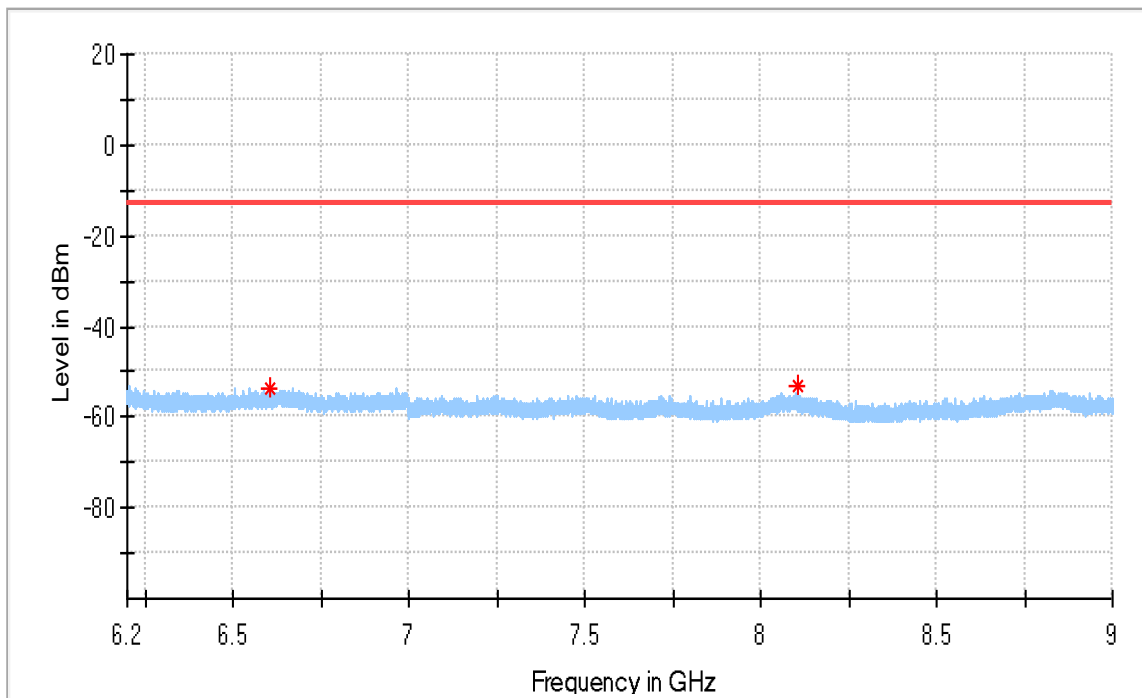


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-42.75	-13.00	29.75	100.0	V	351.0	-92.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
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

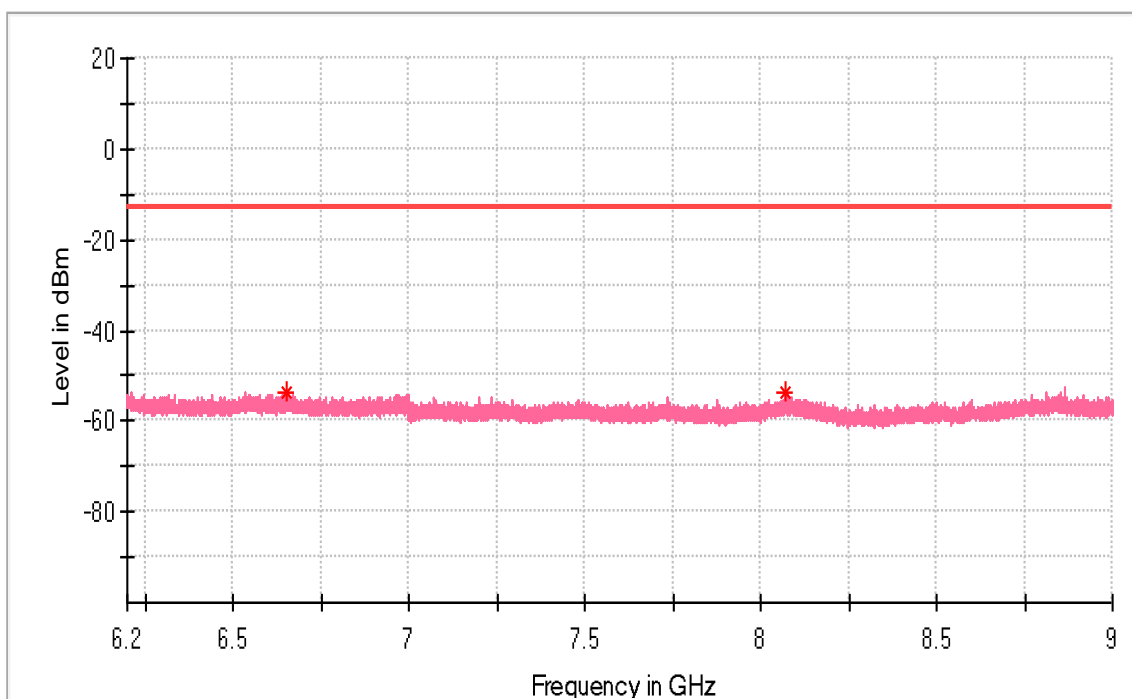


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6605.650000	-53.52	-13.00	40.52	100.0	H	327.0	-87.8
8104.583333	-53.18	-13.00	40.18	100.0	H	31.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_Mid Channel
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

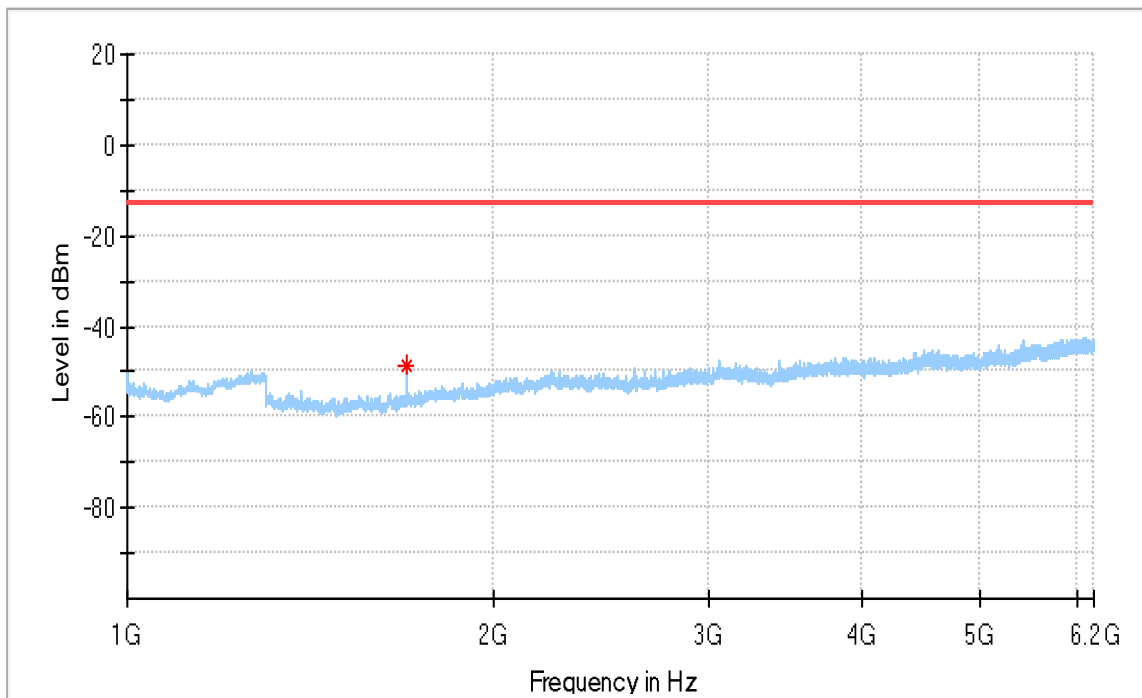


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6653.016667	-53.46	-13.00	40.46	100.0	V	0.0	-87.9
8071.566667	-53.78	-13.00	40.78	100.0	V	335.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
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

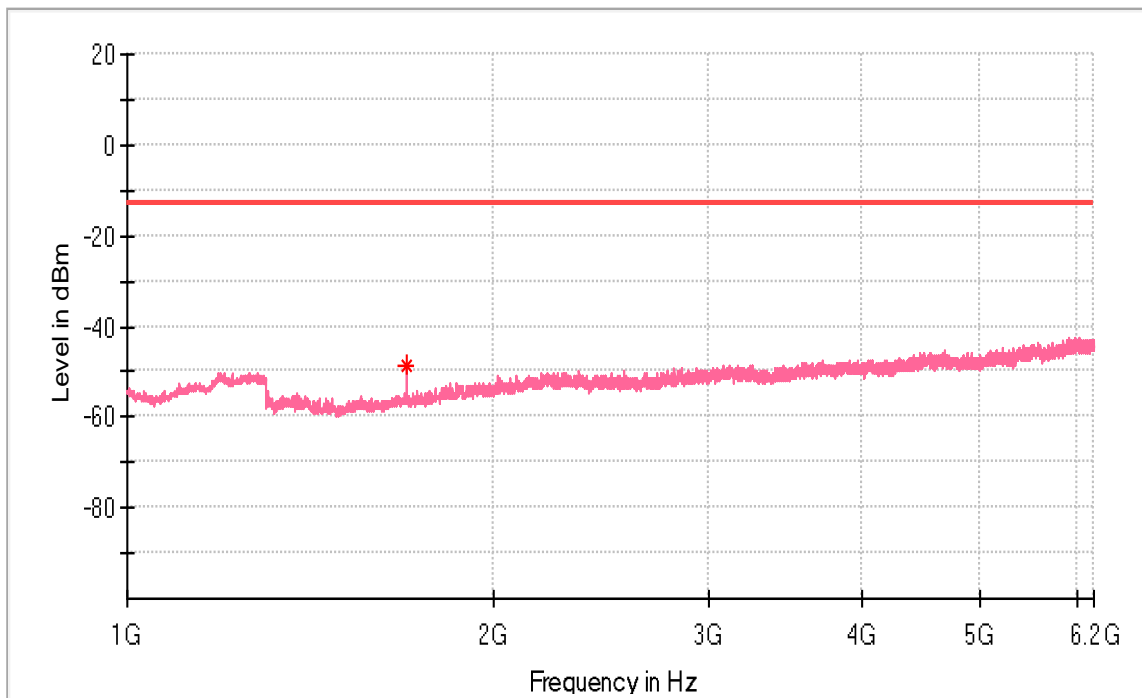


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-48.57	-13.00	35.57	100.0	H	359.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
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

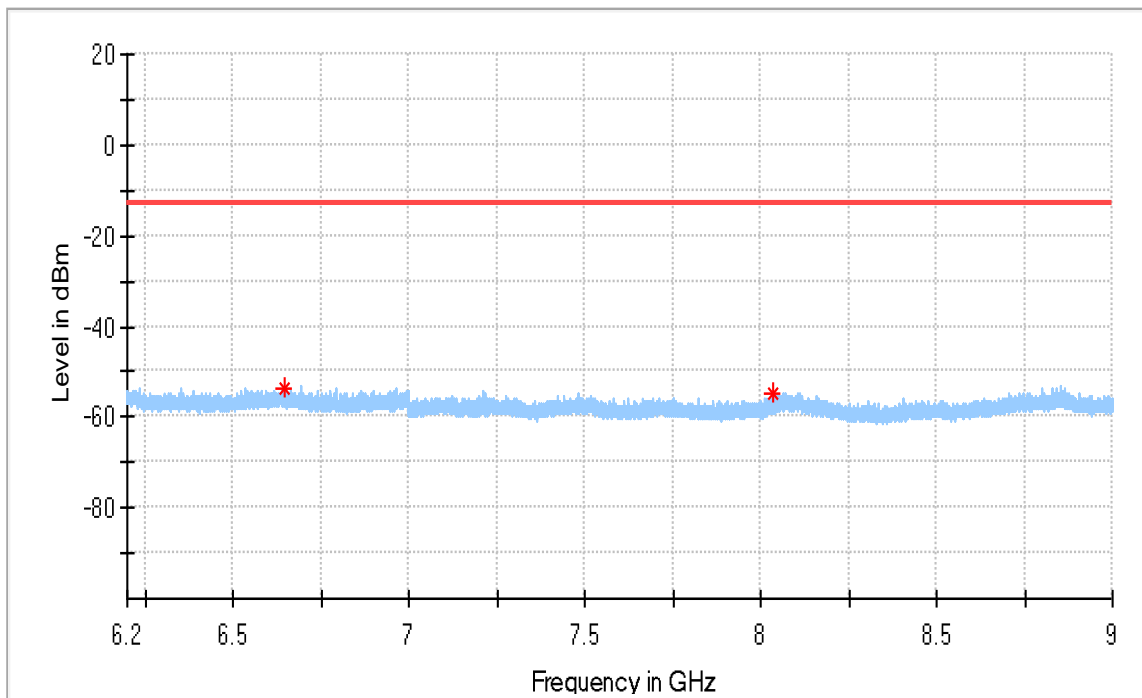


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-48.76	-13.00	35.76	100.0	V	4.0	-92.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
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

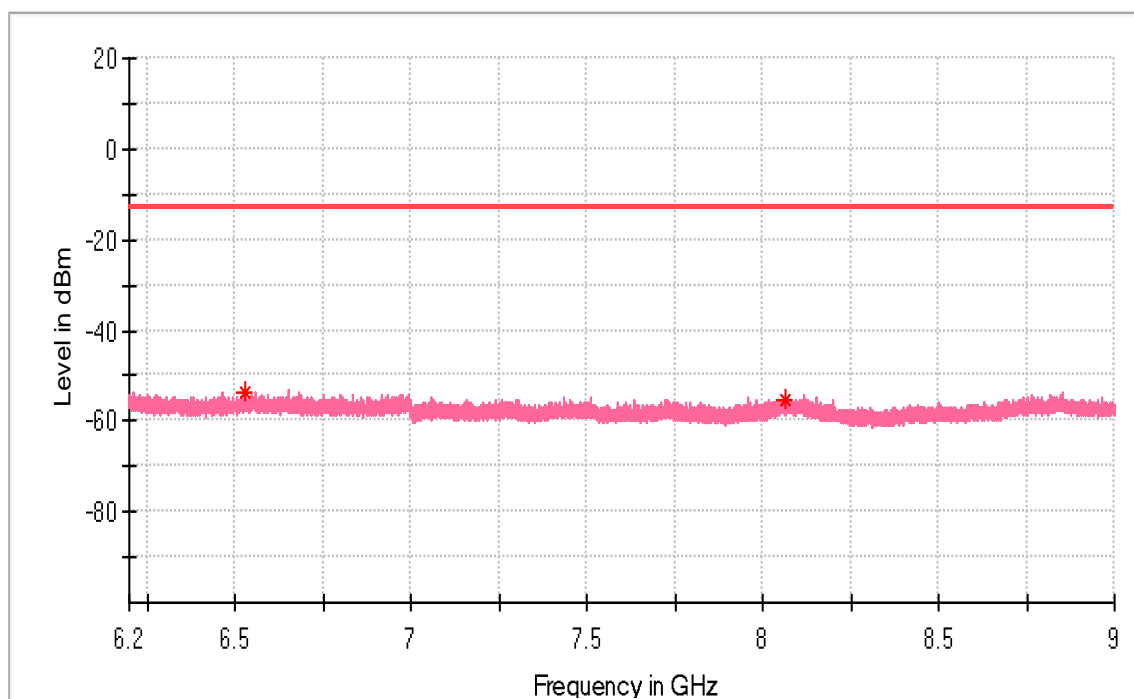


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6646.716667	-53.52	-13.00	40.52	100.0	H	85.0	-87.6
8036.333333	-54.55	-13.00	41.55	100.0	H	155.0	-87.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B5_1.4M_QPSK_1@0_High Channel
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

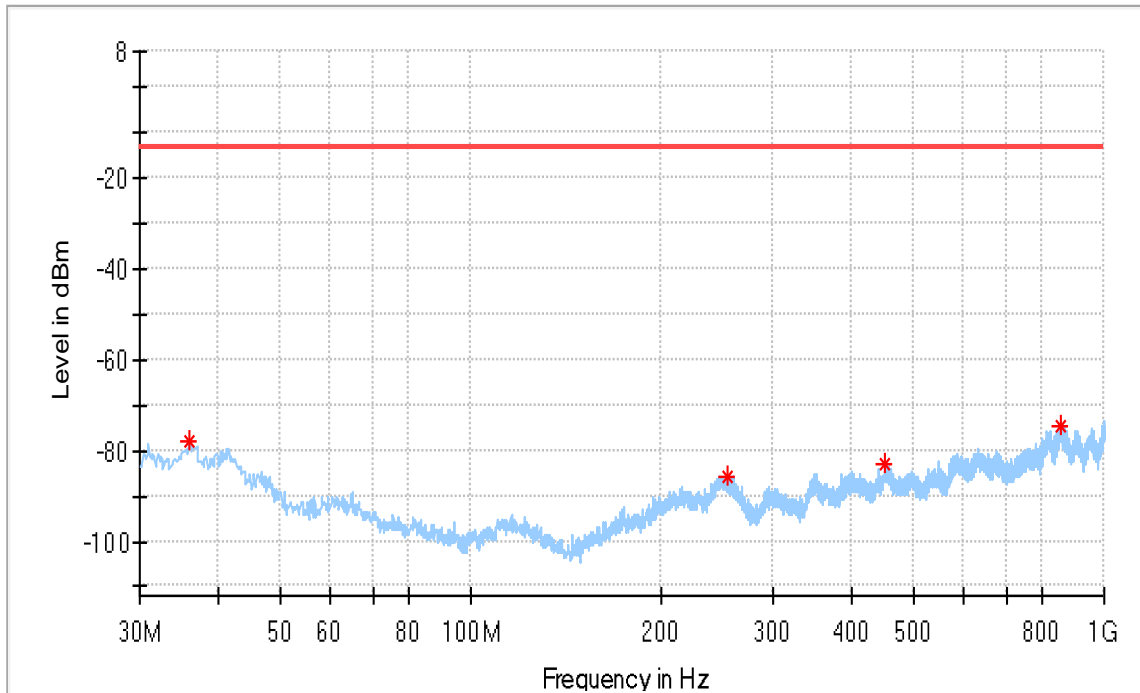
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6531.800000	-53.82	-13.00	40.82	100.0	V	34.0	-87.4
8064.333333	-55.07	-13.00	42.07	100.0	V	318.0	-86.7

APPENDIX J.4: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 12

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_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

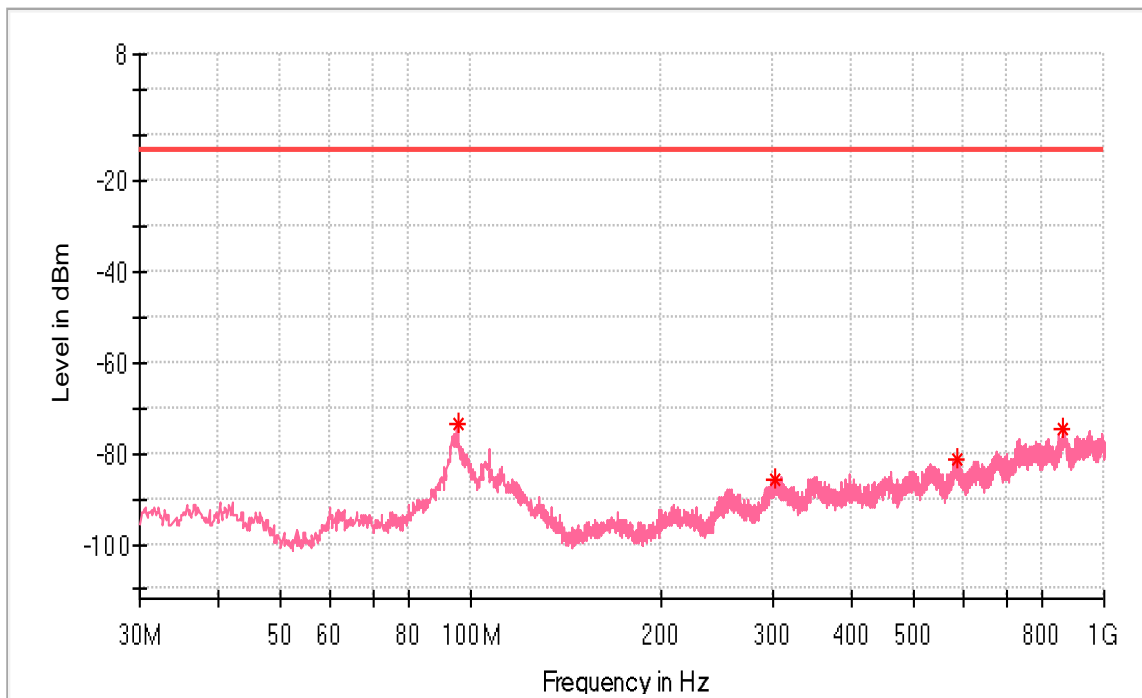


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-77.93	-13.00	64.93	100.0	H	50.0	-113.6
254.918750	-86.02	-13.00	73.02	100.0	H	7.0	-111.0
449.888750	-82.95	-13.00	69.95	100.0	H	57.0	-108.8
851.590000	-74.52	-13.00	61.52	100.0	H	179.0	-99.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_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



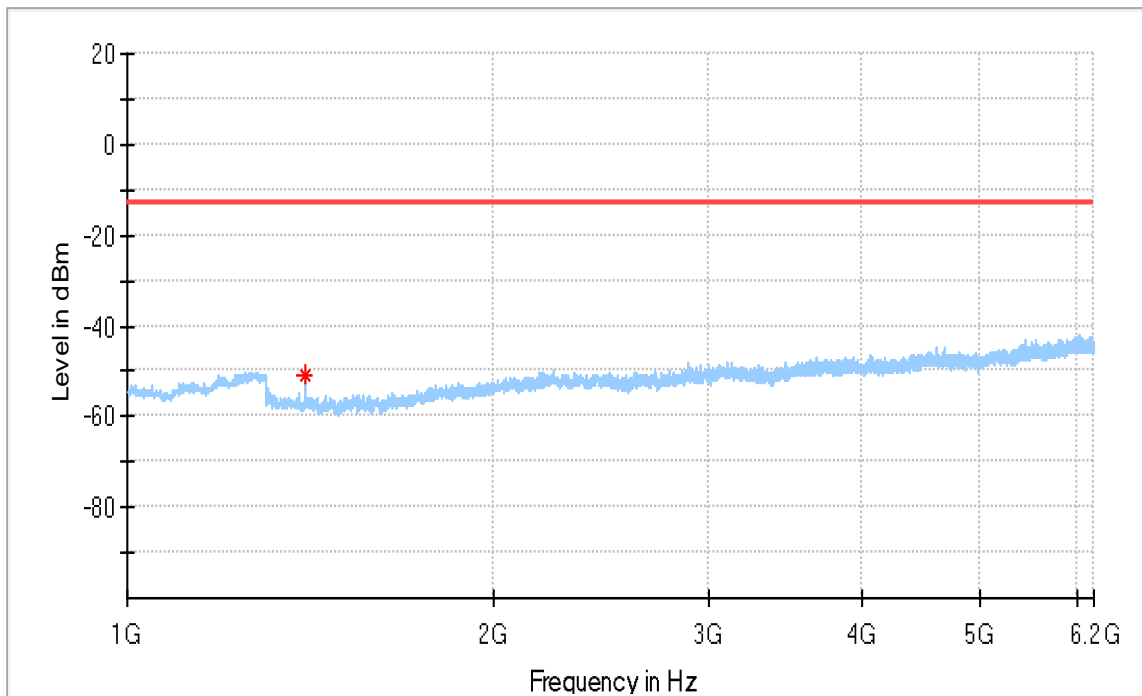
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.232500	-73.62	-13.00	60.62	100.0	V	110.0	-99.9
302.570000	-85.50	-13.00	72.50	100.0	V	51.0	-111.0
586.658750	-81.30	-13.00	68.30	100.0	V	79.0	-106.5
858.743750	-74.51	-13.00	61.51	100.0	V	0.0	-100.0

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
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

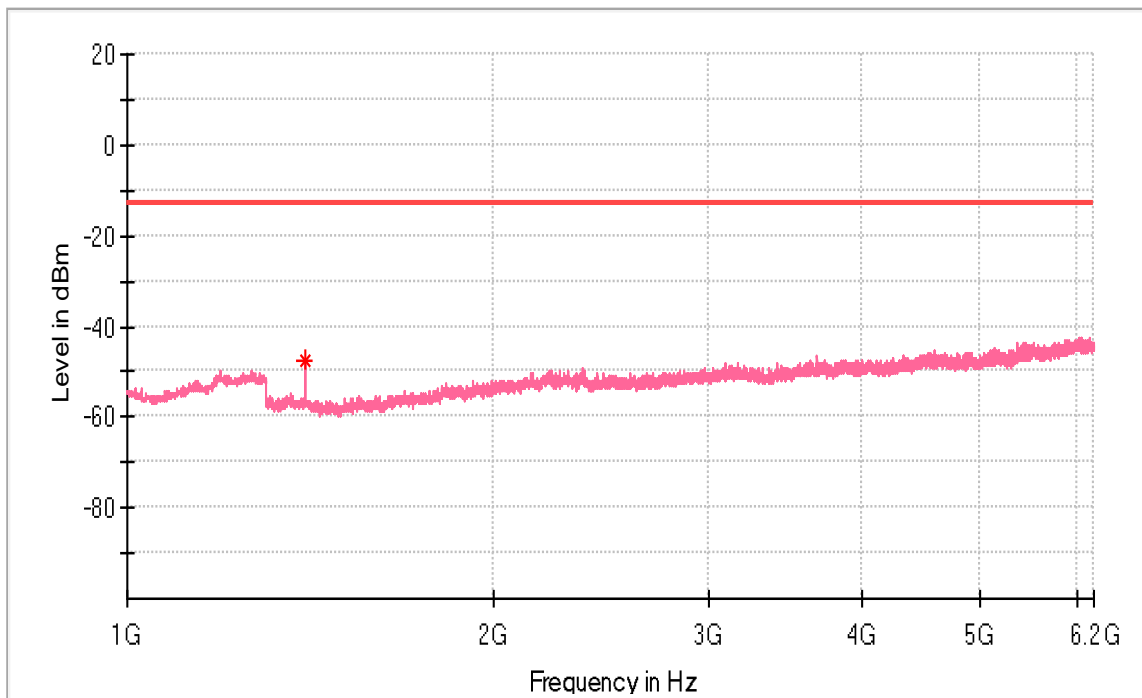


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-51.14	-13.00	38.14	100.0	H	82.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
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

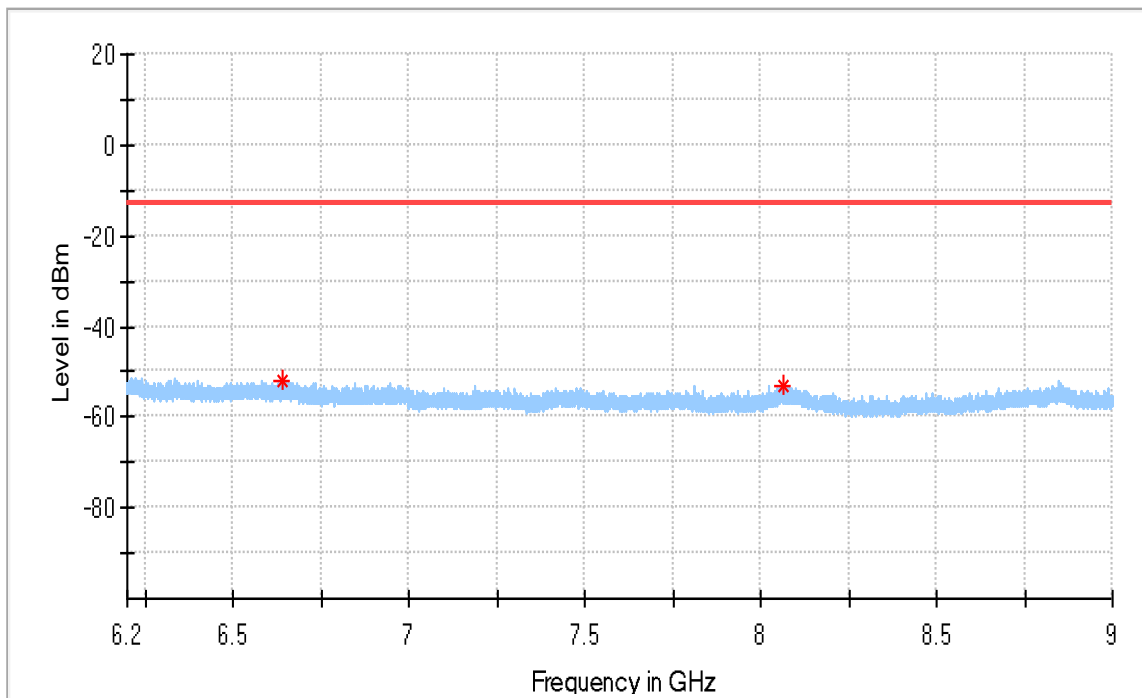


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-47.73	-13.00	34.73	100.0	V	311.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
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

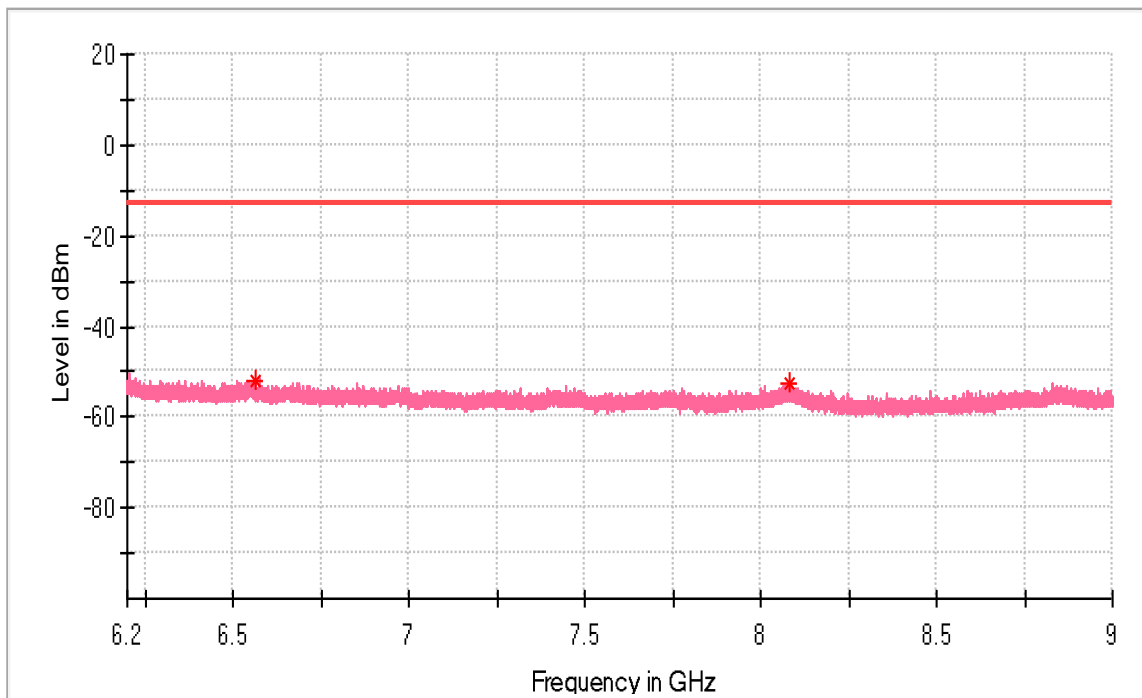


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6641.816667	-52.08	-13.00	39.08	100.0	H	191.0	-87.6
8063.866667	-52.97	-13.00	39.97	100.0	H	83.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Low Channel
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

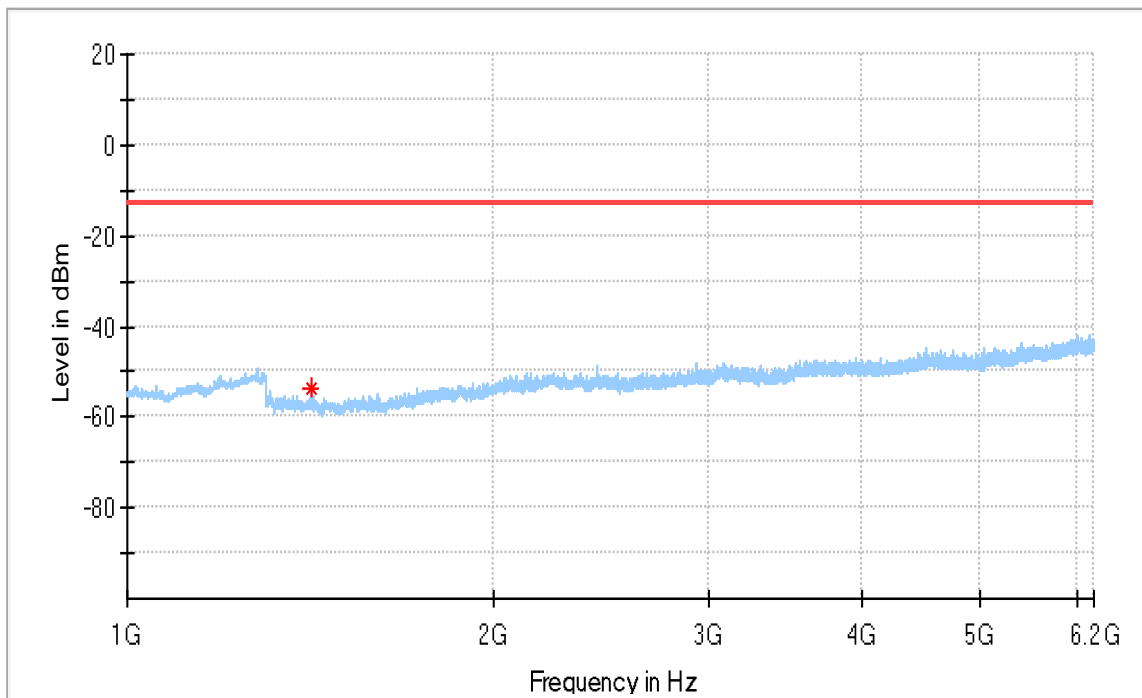


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6563.533333	-51.92	-13.00	38.92	100.0	V	158.0	-87.4
8079.616667	-52.76	-13.00	39.76	100.0	V	302.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
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

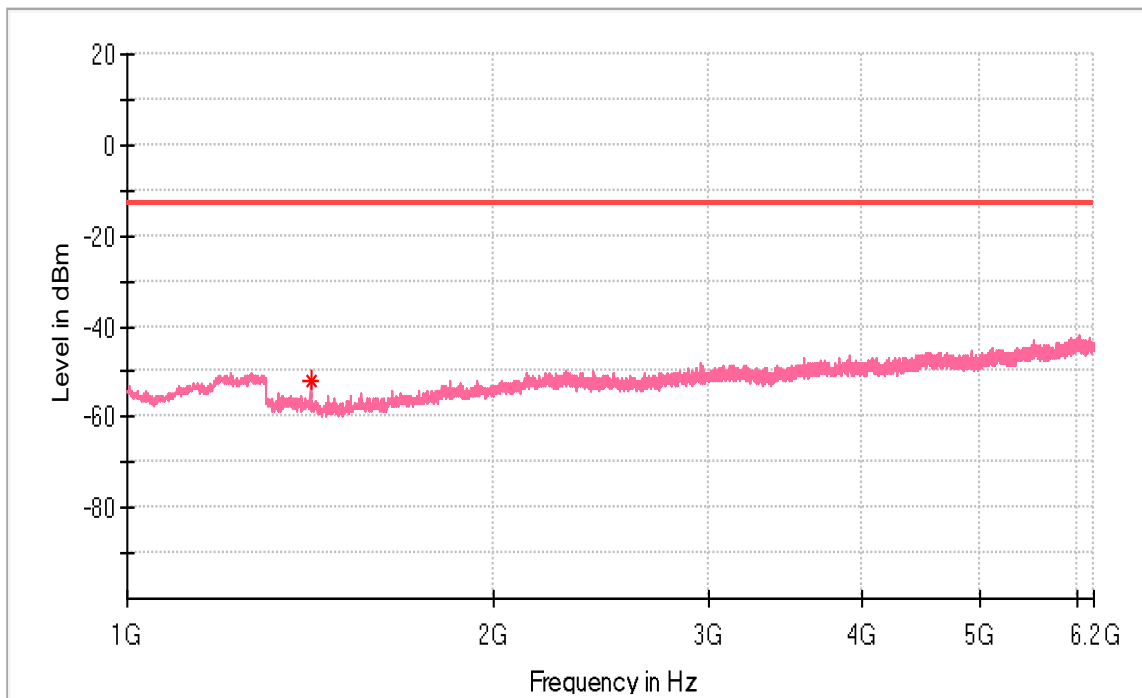


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-53.95	-13.00	40.95	100.0	H	97.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
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

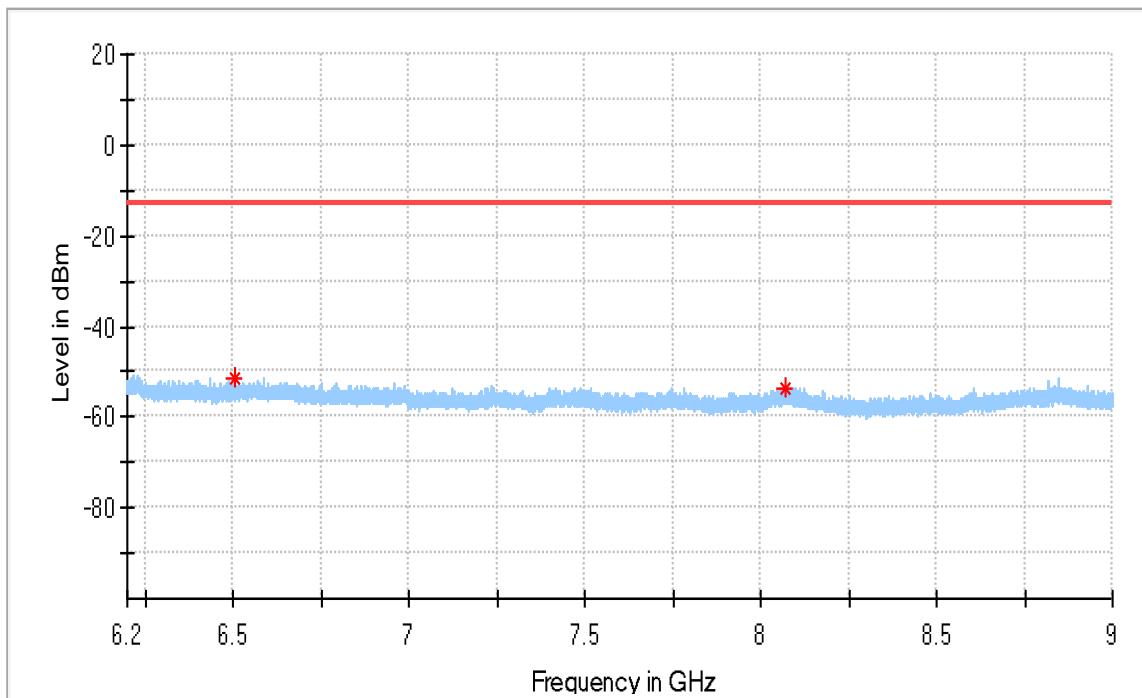


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-52.04	-13.00	39.04	100.0	V	359.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
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

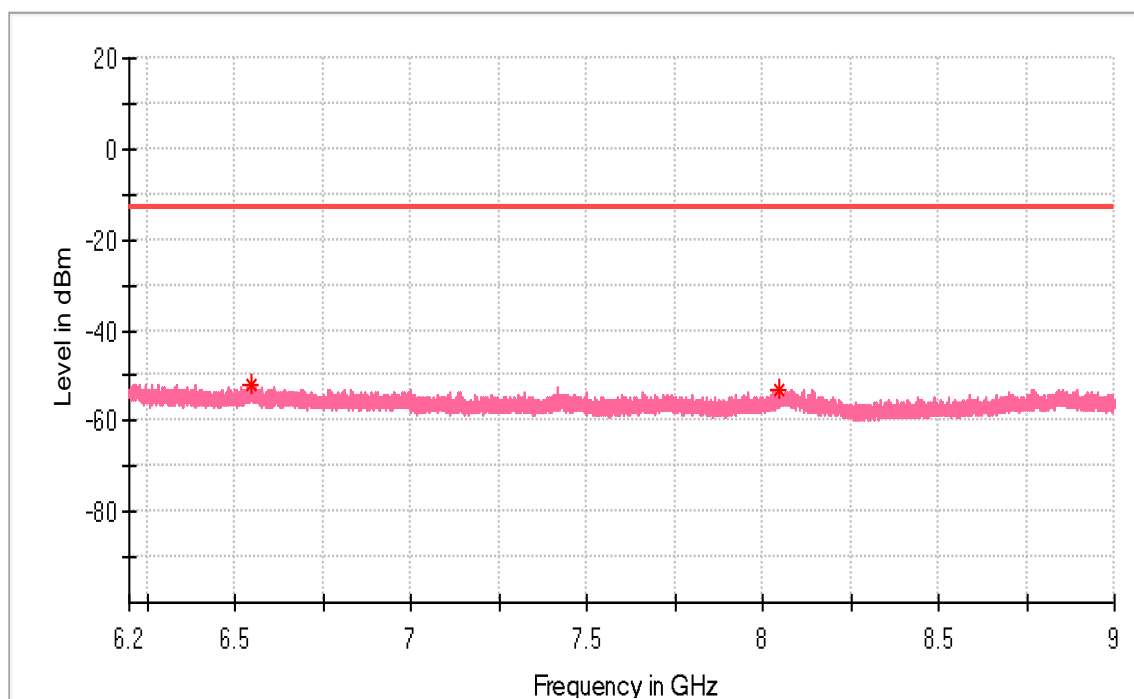


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6504.383333	-51.34	-13.00	38.34	100.0	H	343.0	-87.7
8072.383333	-53.51	-13.00	40.51	100.0	H	65.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_Mid Channel
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

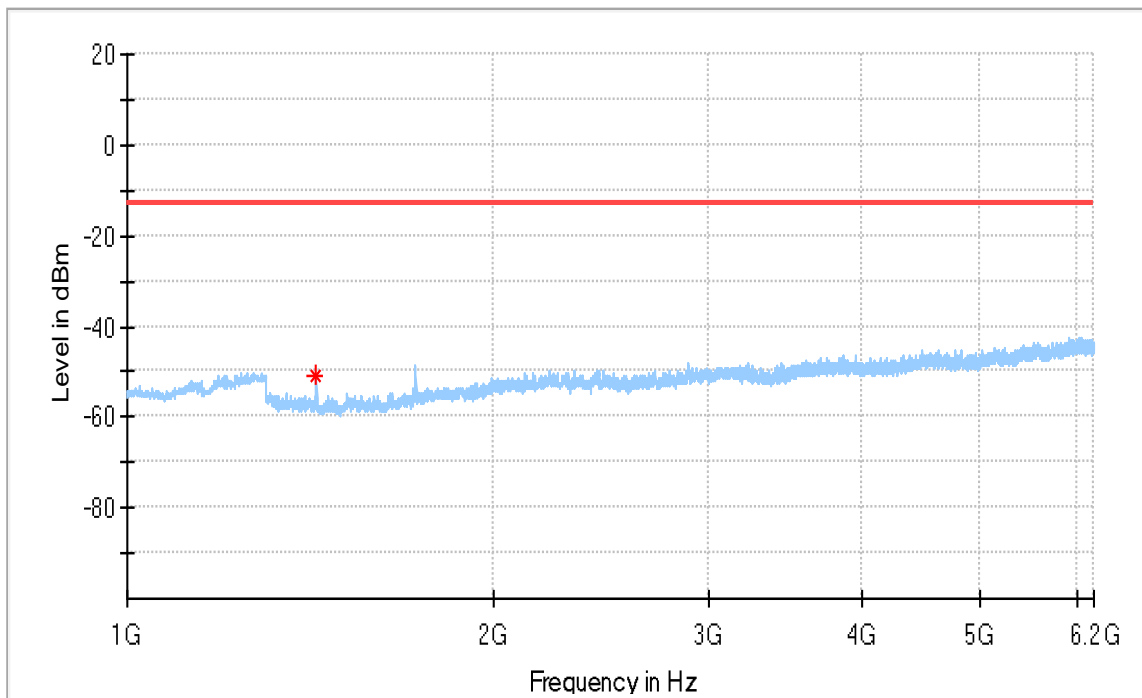


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6548.716667	-52.18	-13.00	39.18	100.0	V	71.0	-87.3
8044.500000	-53.05	-13.00	40.05	100.0	V	304.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
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

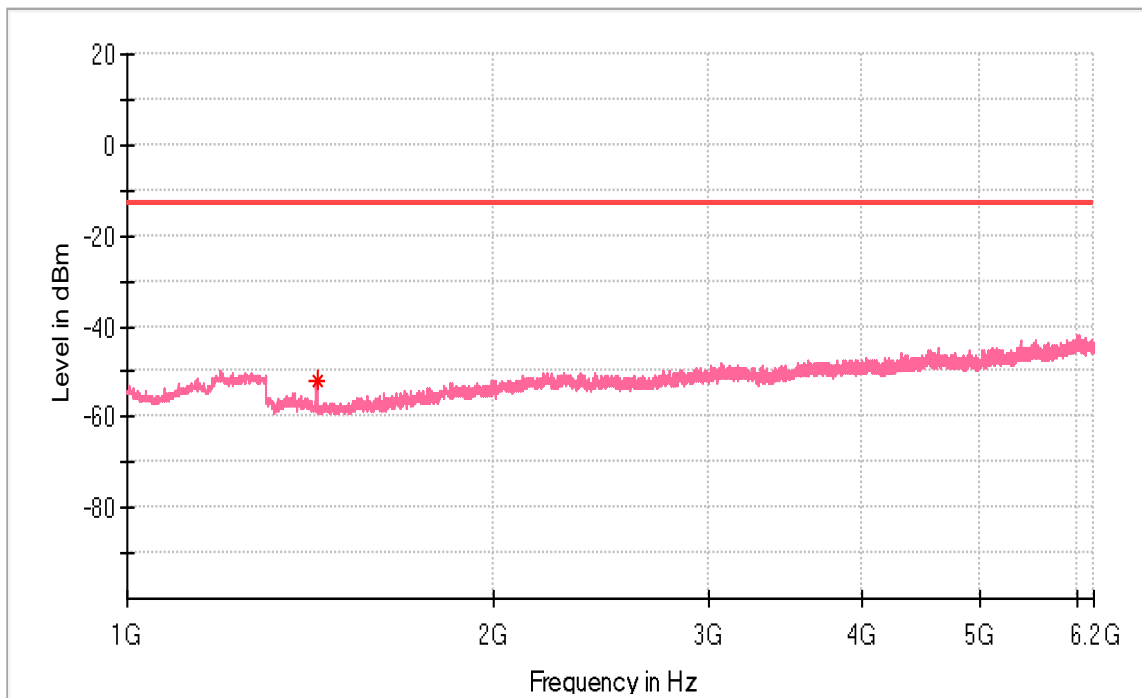


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-51.08	-13.00	38.08	100.0	H	93.0	-93.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
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

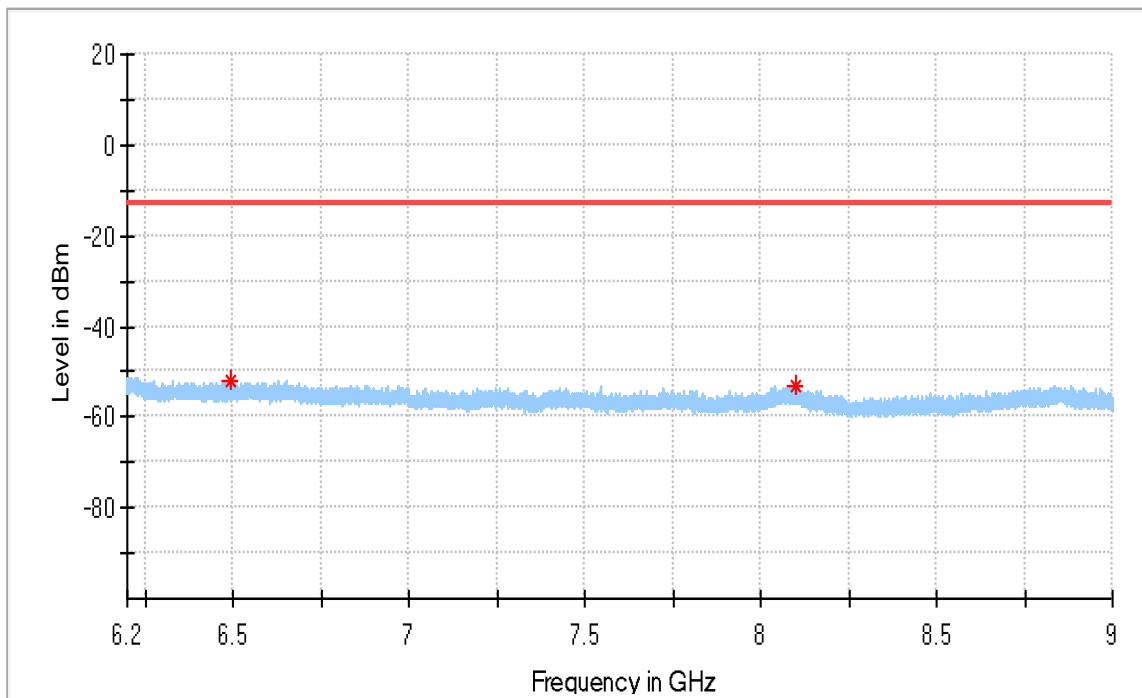


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1430.000000	-51.77	-13.00	38.77	100.0	V	306.0	-93.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
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

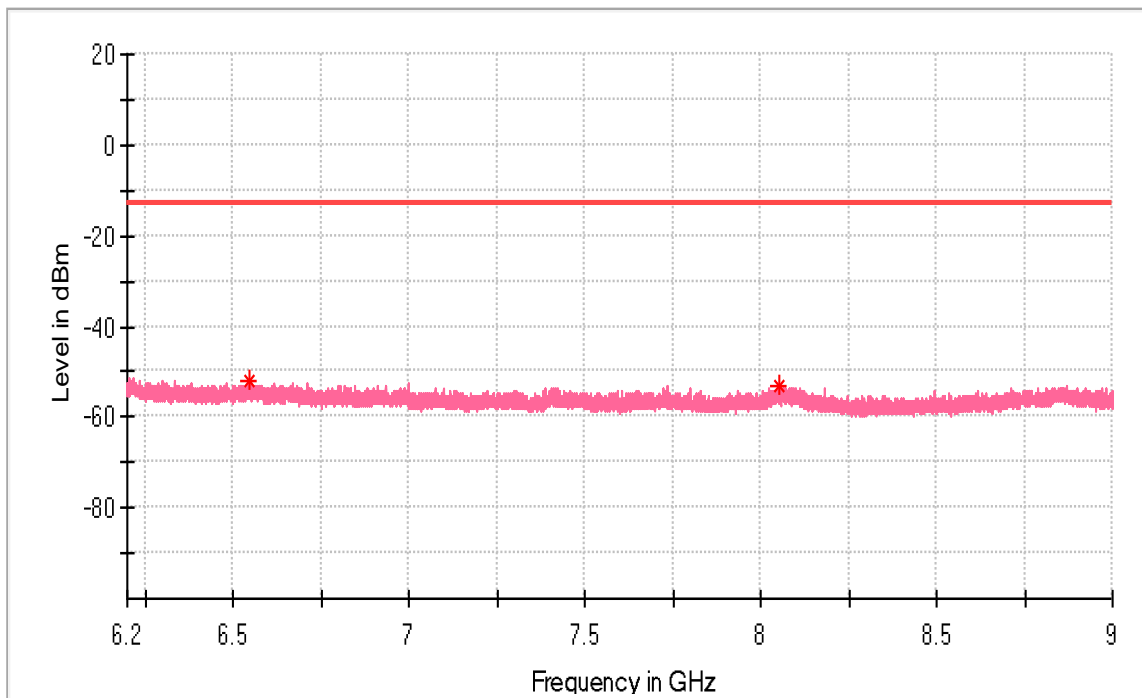


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6496.216667	-51.98	-13.00	38.98	100.0	H	292.0	-87.7
8101.783333	-53.02	-13.00	40.02	100.0	H	292.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B12_1.4M_QPSK_1@0_High Channel
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

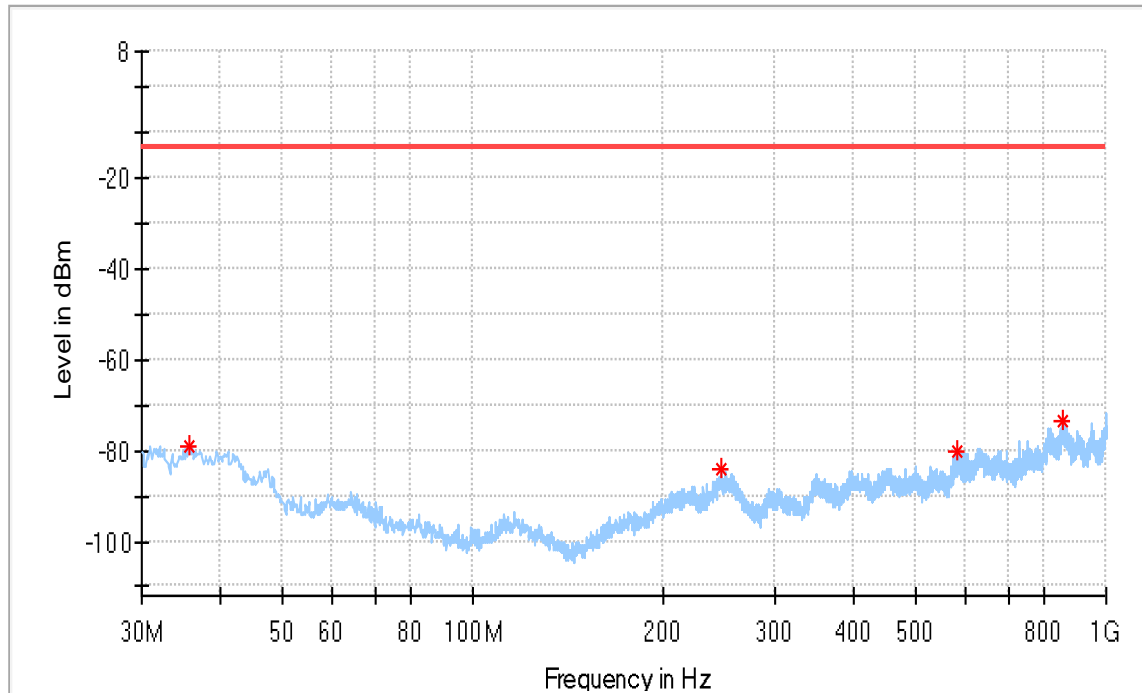
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6545.916667	-52.10	-13.00	39.10	100.0	V	100.0	-87.3
8055.116667	-52.93	-13.00	39.93	100.0	V	139.0	-86.8

APPENDIX J.5: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 13

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_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

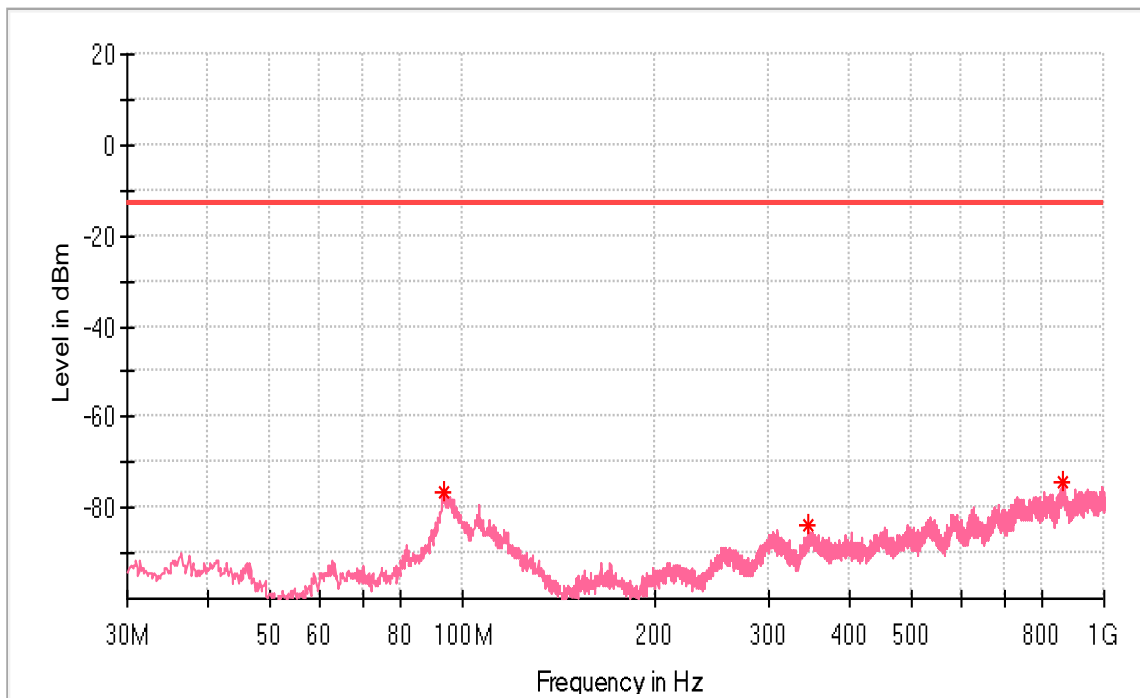


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.698750	-78.89	-13.00	65.89	100.0	H	343.0	-113.8
246.552500	-83.99	-13.00	70.99	100.0	H	117.0	-109.9
582.172500	-80.29	-13.00	67.29	100.0	H	125.0	-106.0
854.985000	-73.62	-13.00	60.62	100.0	H	206.0	-99.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_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



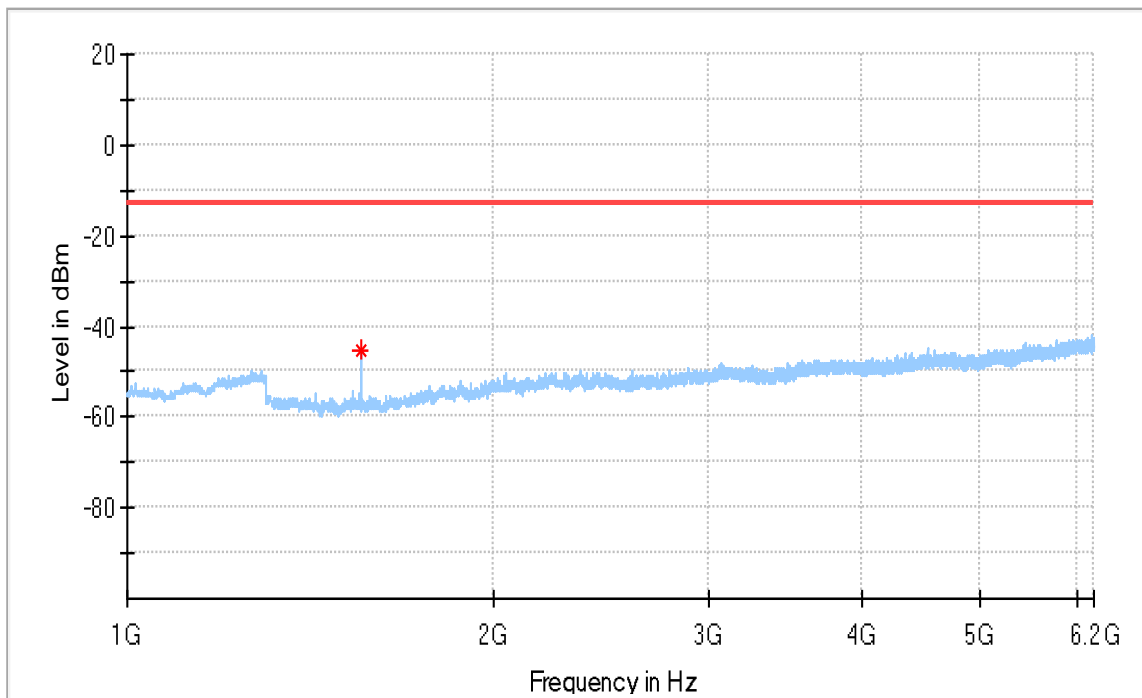
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.171250	-76.70	-13.00	63.70	100.0	V	240.0	-101.8
346.220000	-83.91	-13.00	70.91	100.0	V	0.0	-111.0
861.290000	-74.34	-13.00	61.34	100.0	V	269.0	-99.8

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Low Channel
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

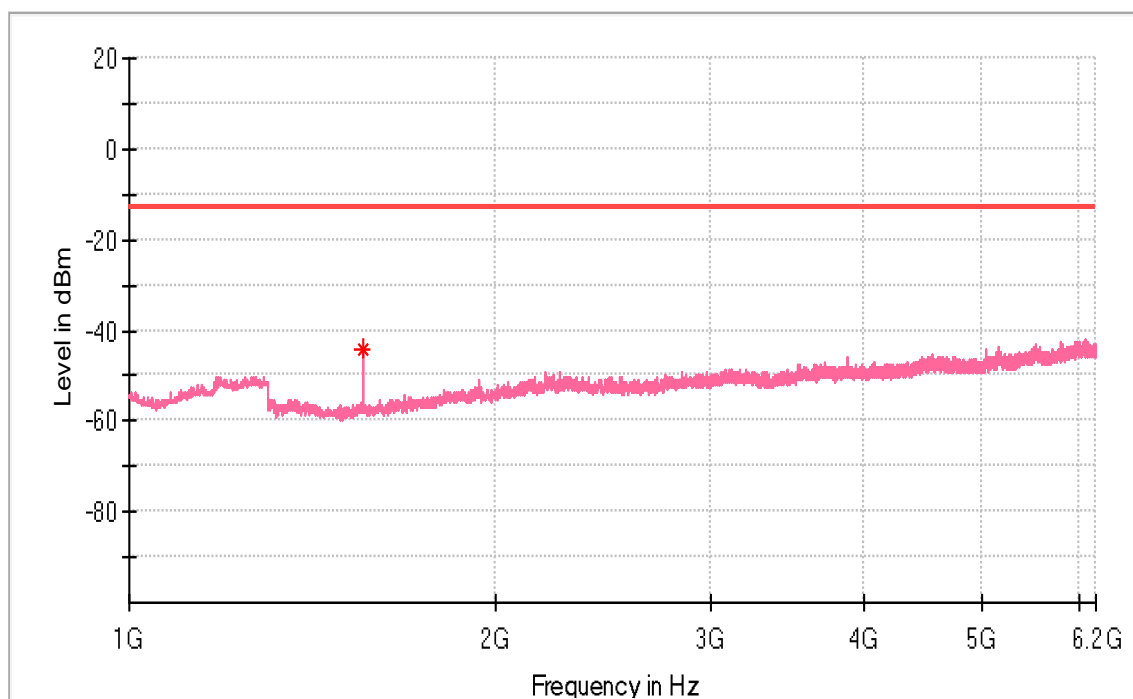


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-45.40	-13.00	32.40	100.0	H	355.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Low Channel
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

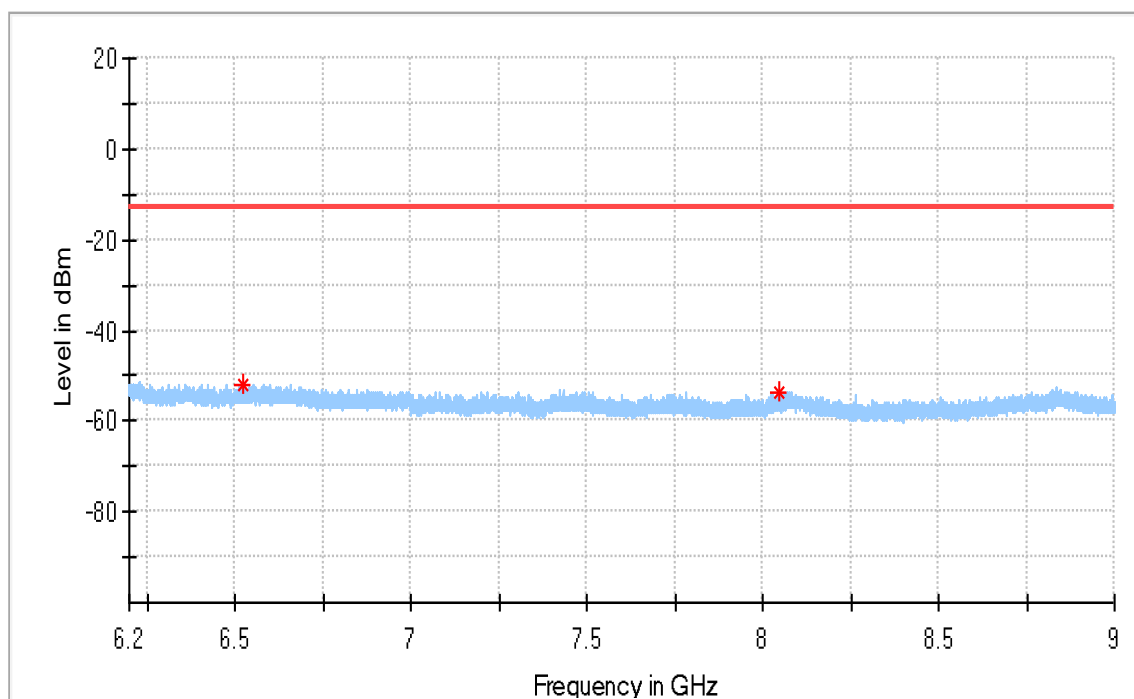


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-44.45	-13.00	31.45	100.0	V	55.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Low Channel
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

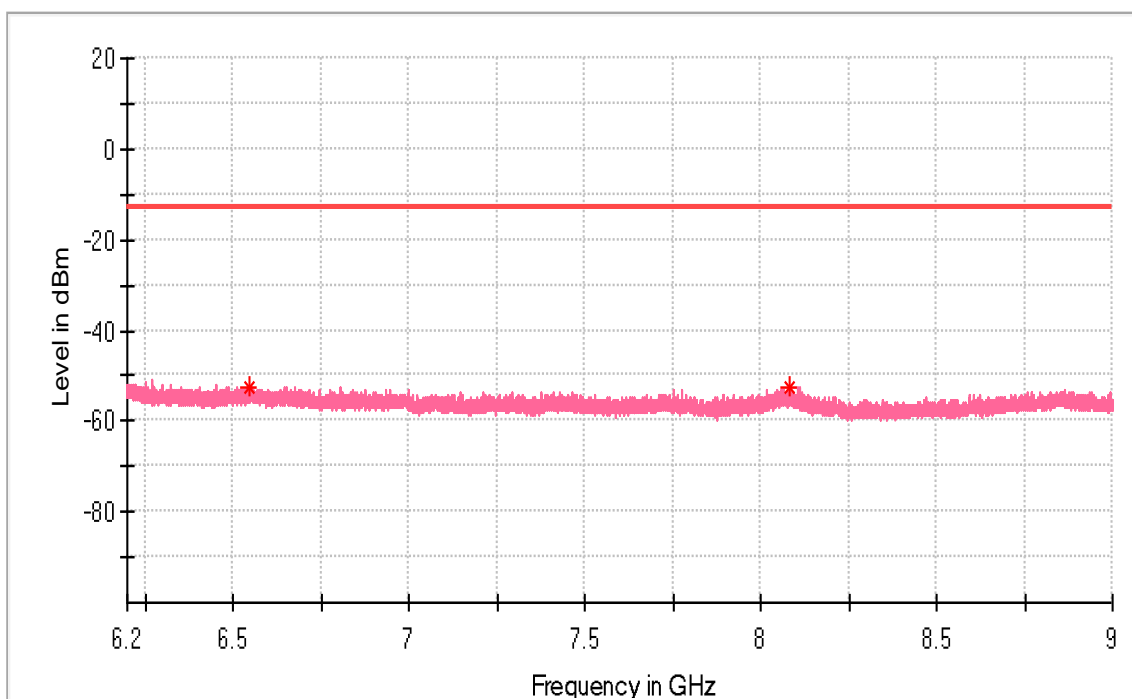


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6524.566667	-52.14	-13.00	39.14	100.0	H	359.0	-87.5
8044.383333	-53.89	-13.00	40.89	100.0	H	232.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Low Channel
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

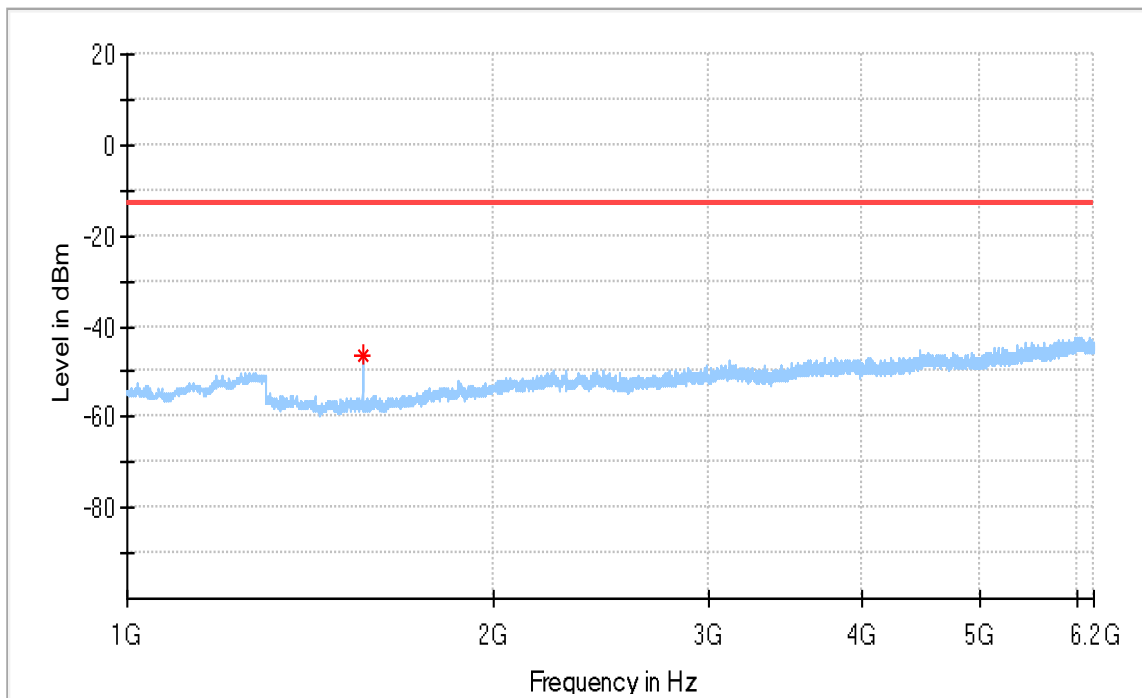


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6546.266667	-52.35	-13.00	39.35	100.0	V	0.0	-87.3
8084.050000	-52.80	-13.00	39.80	100.0	V	116.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Mid Channel
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

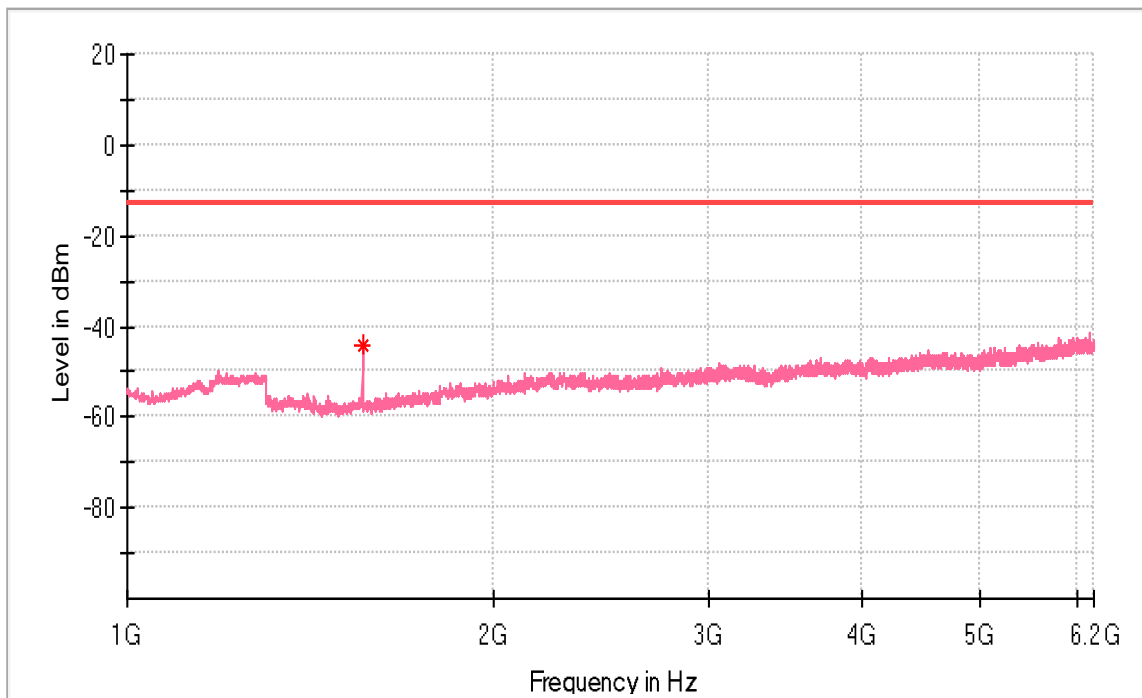


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-46.52	-13.00	33.52	100.0	H	13.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Mid Channel
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

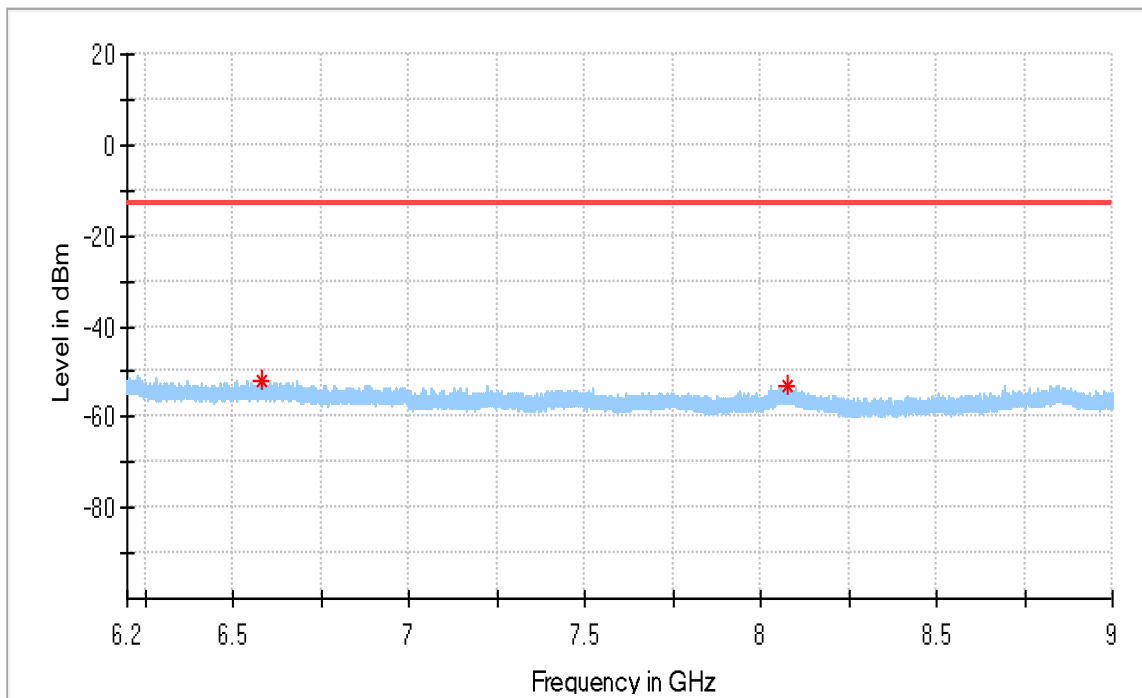


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-44.33	-13.00	31.33	100.0	V	67.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Mid Channel
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

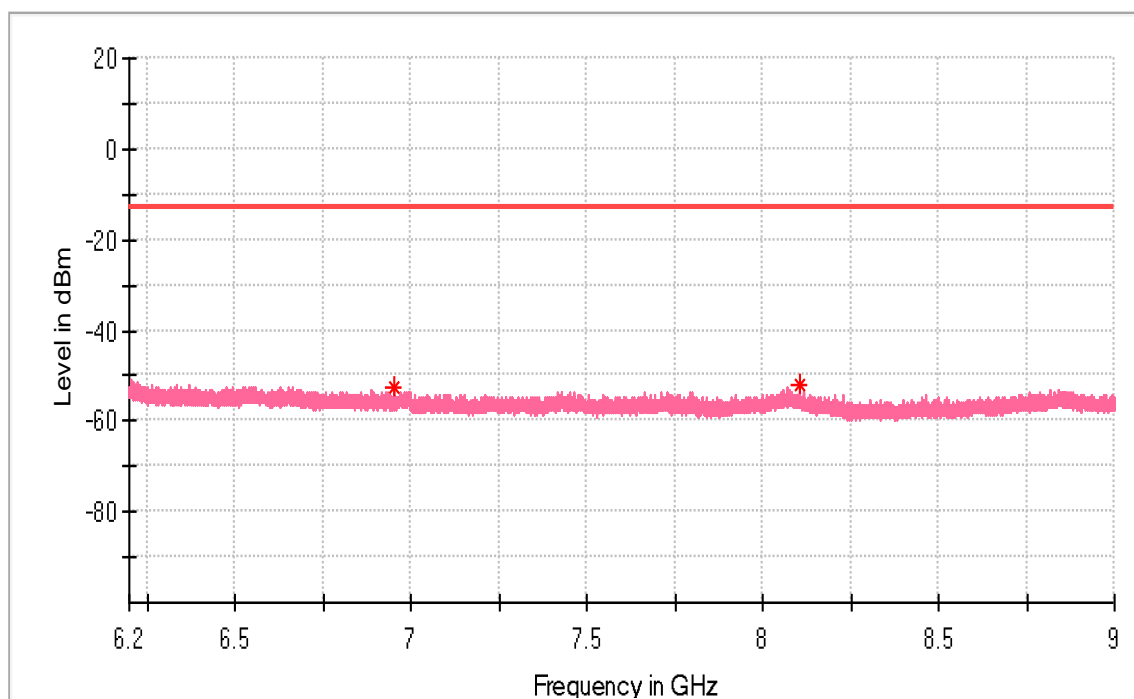


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6584.416667	-51.92	-13.00	38.92	100.0	H	0.0	-87.6
8074.366667	-53.09	-13.00	40.09	100.0	H	157.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_Mid Channel
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

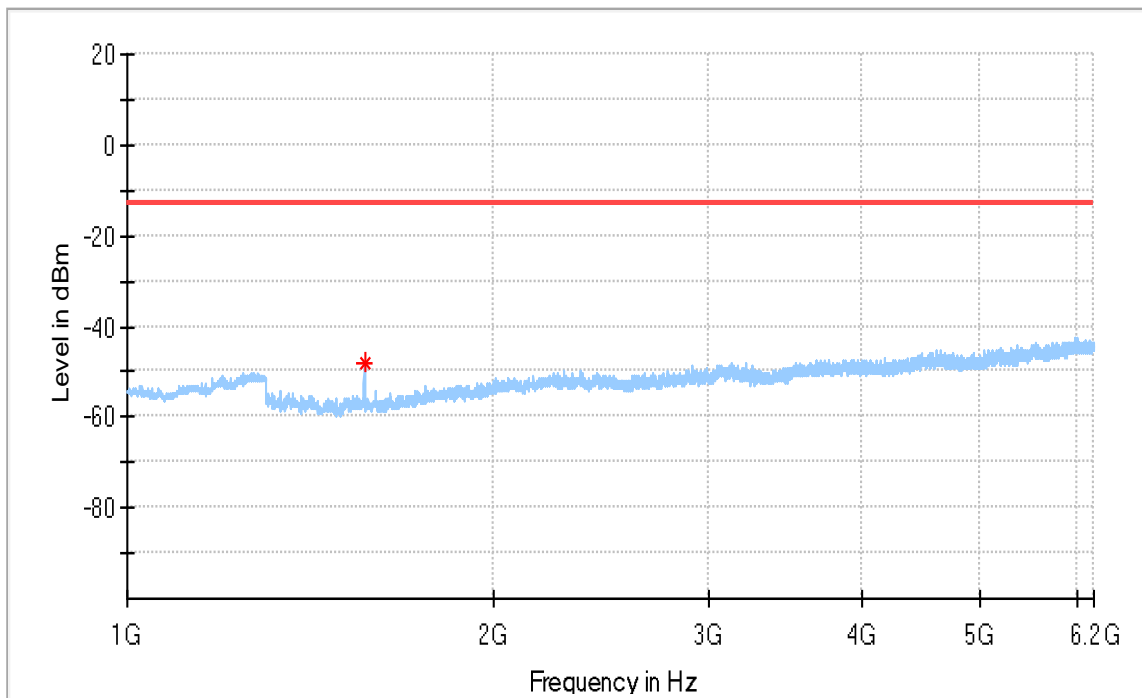


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6951.450000	-52.45	-13.00	39.45	100.0	V	280.0	-88.5
8104.233333	-52.16	-13.00	39.16	100.0	V	188.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_High Channel
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

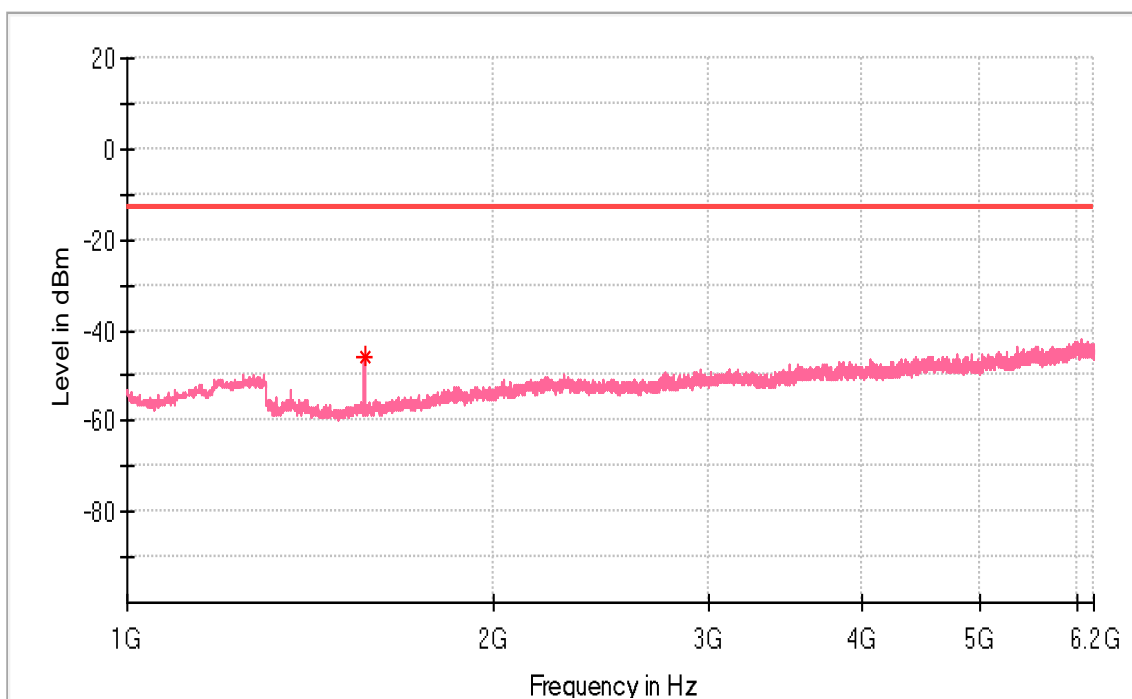


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-47.95	-13.00	34.95	100.0	H	356.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_High Channel
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

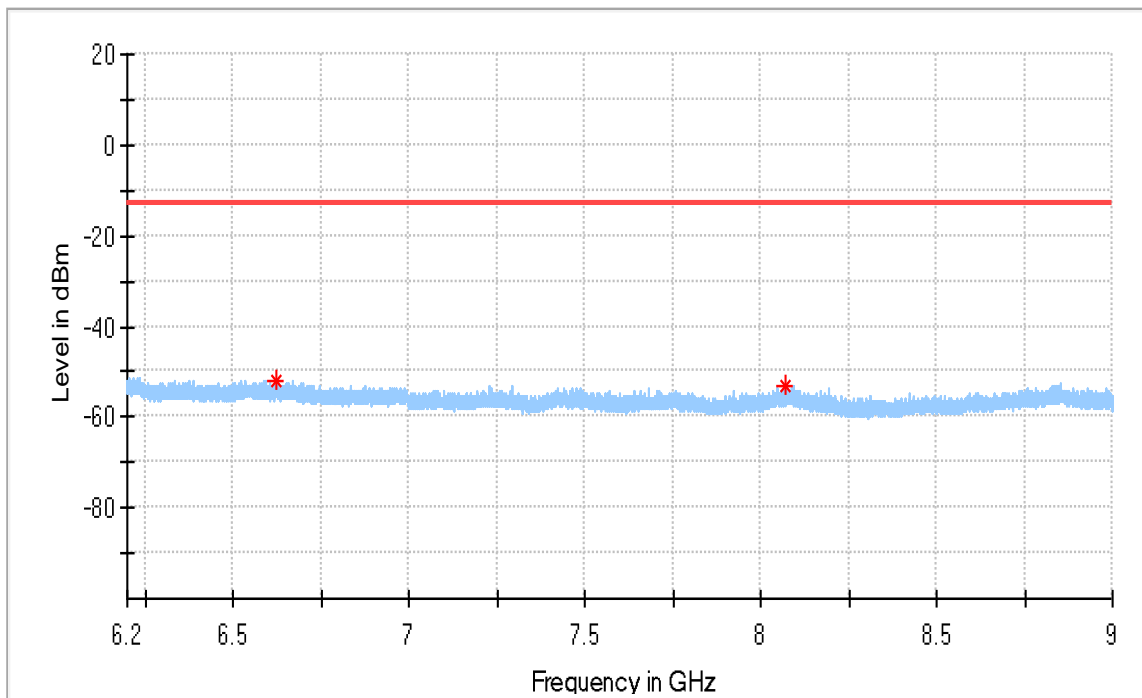


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-45.97	-13.00	32.97	100.0	V	80.0	-93.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_High Channel
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

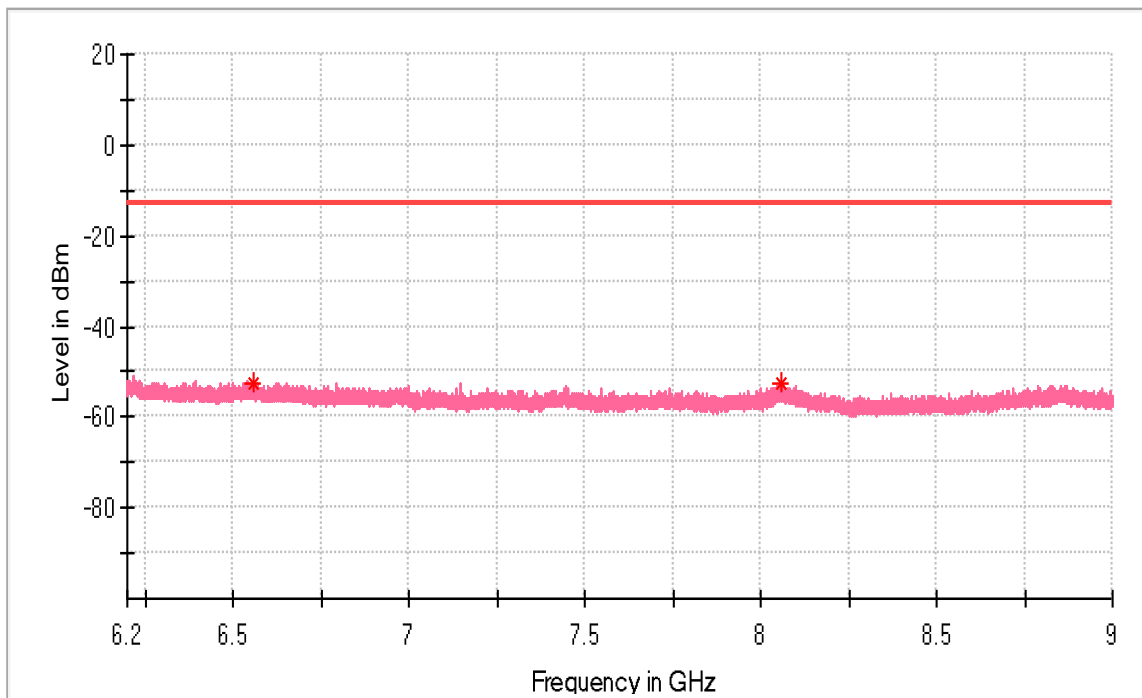


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6623.966667	-52.03	-13.00	39.03	100.0	H	0.0	-87.7
8073.083333	-52.85	-13.00	39.85	100.0	H	217.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B13_5M_QPSK_1@0_High Channel
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

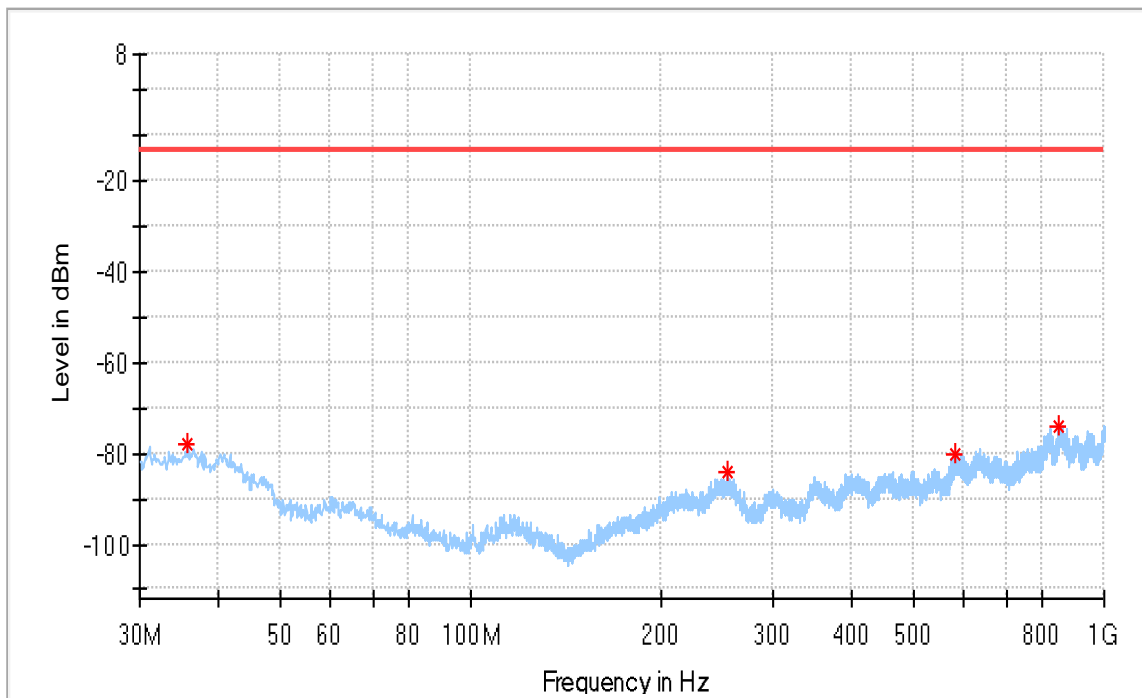
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6557.233333	-52.35	-13.00	39.35	100.0	V	324.0	-87.3
8055.933333	-52.67	-13.00	39.67	100.0	V	324.0	-86.8

APPENDIX J.6: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 25

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_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

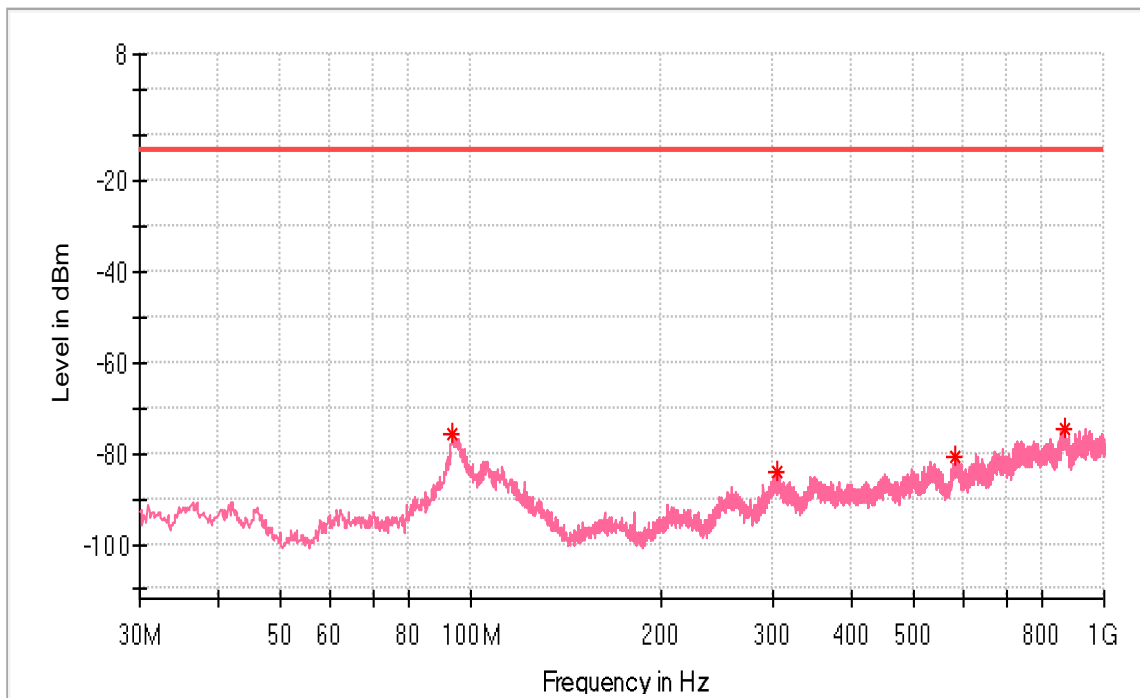


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.698750	-78.22	-13.00	65.22	100.0	H	187.0	-113.8
254.312500	-84.02	-13.00	71.02	100.0	H	318.0	-110.8
579.626250	-80.21	-13.00	67.21	100.0	H	318.0	-106.1
847.467500	-73.87	-13.00	60.87	100.0	H	187.0	-99.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_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



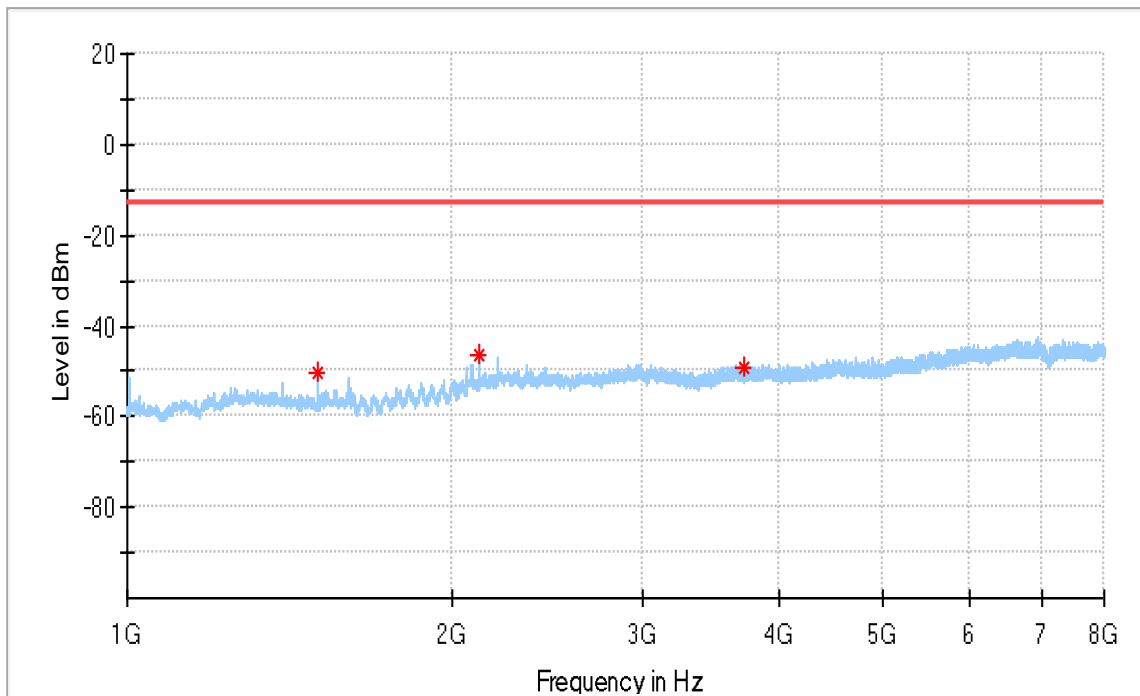
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.656250	-75.77	-13.00	62.77	100.0	V	6.0	-100.7
304.873750	-83.88	-13.00	70.88	100.0	V	58.0	-111.0
583.506250	-80.84	-13.00	67.84	100.0	V	174.0	-106.4
866.867500	-74.62	-13.00	61.62	100.0	V	217.0	-99.5

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Low Channel
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

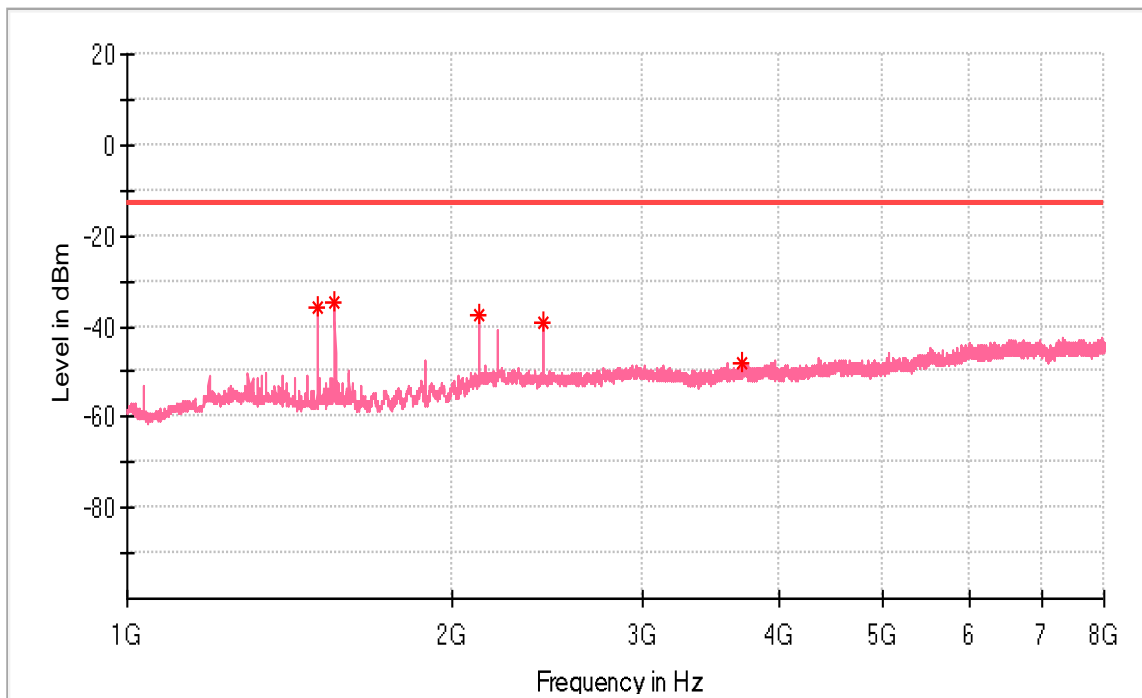


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-50.53	-13.00	37.53	100.0	H	84.0	-93.7
2115.500000	-46.66	-13.00	33.66	100.0	H	202.0	-88.8
3710.000000	-49.46	-13.00	36.46	100.0	H	74.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Low Channel
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

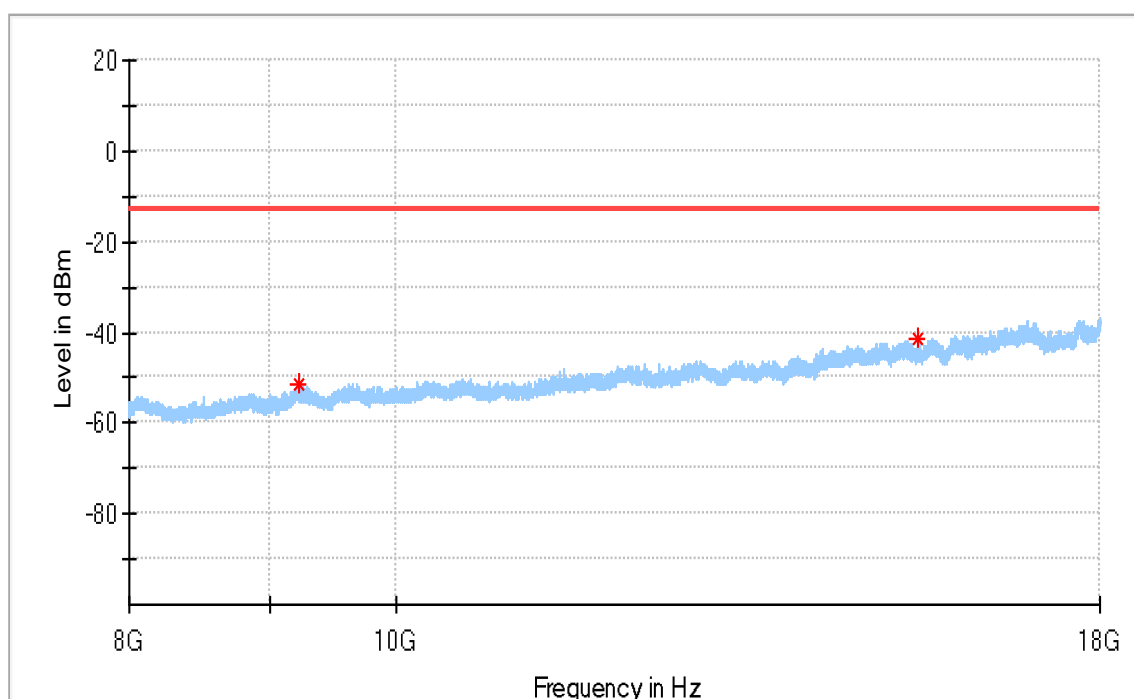


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1497.500000	-35.56	-13.00	22.56	100.0	V	26.0	-93.9
1556.500000	-34.75	-13.00	21.75	100.0	V	326.0	-92.9
2115.000000	-37.64	-13.00	24.64	100.0	V	259.0	-88.3
2426.500000	-39.40	-13.00	26.40	100.0	V	298.0	-87.9
3700.500000	-47.99	-13.00	34.99	100.0	V	355.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Low Channel
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

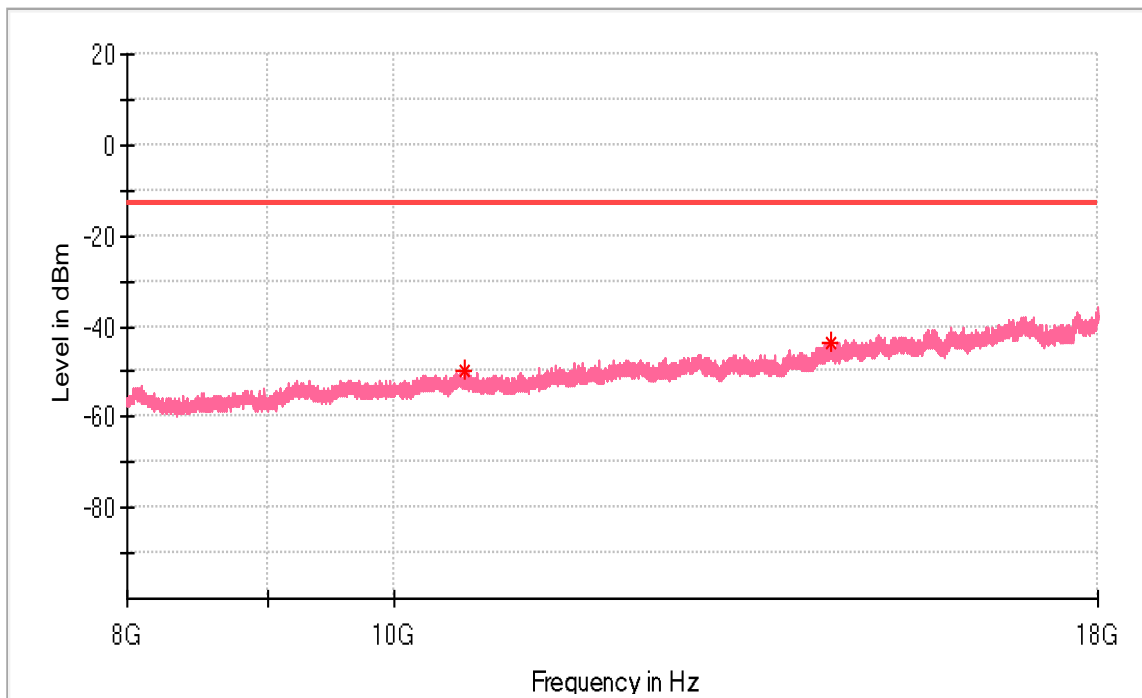


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9216.000000	-51.67	-13.00	38.67	100.0	H	87.0	-84.1
15470.500000	-41.27	-13.00	28.27	100.0	H	39.0	-78.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Low Channel
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

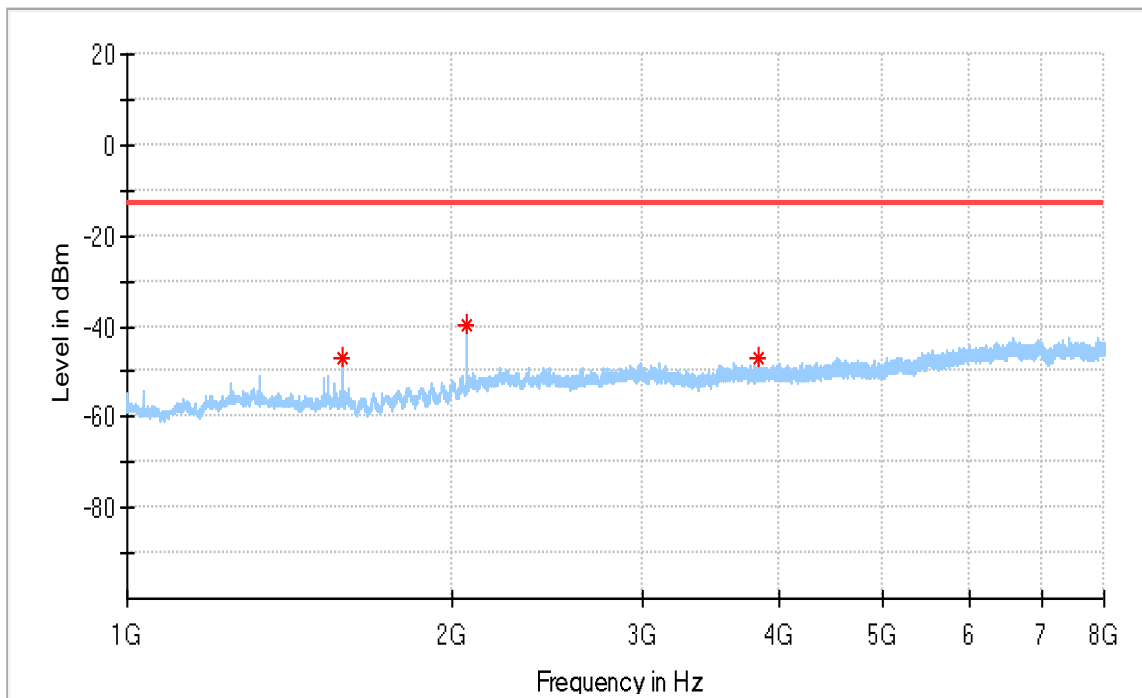


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10609.500000	-49.90	-13.00	36.90	100.0	V	342.0	-83.0
14393.000000	-43.63	-13.00	30.63	100.0	V	177.0	-77.3

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Mid Channel
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

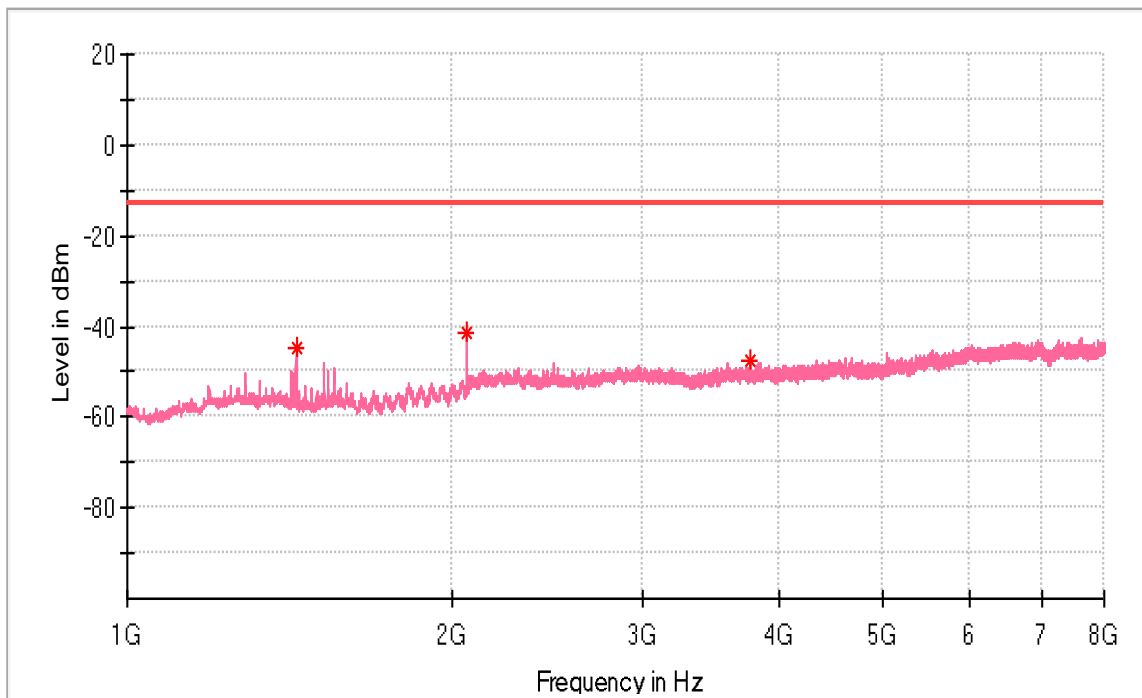


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.000000	-47.09	-13.00	34.09	100.0	H	352.0	-92.9
2059.500000	-39.63	-13.00	26.63	100.0	H	81.0	-88.4
3833.500000	-47.02	-13.00	34.02	100.0	H	106.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Mid Channel
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

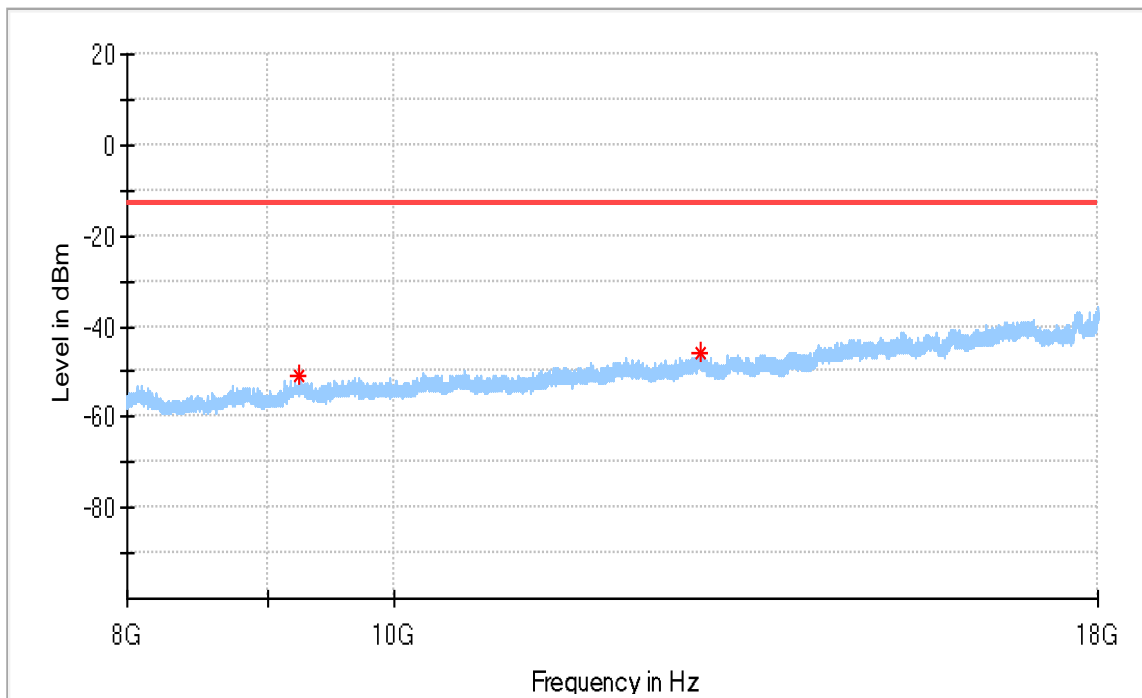


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1432.000000	-44.93	-13.00	31.93	100.0	V	0.0	-93.6
2060.000000	-41.46	-13.00	28.46	100.0	V	0.0	-89.1
3760.500000	-47.39	-13.00	34.39	100.0	V	19.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Mid Channel
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

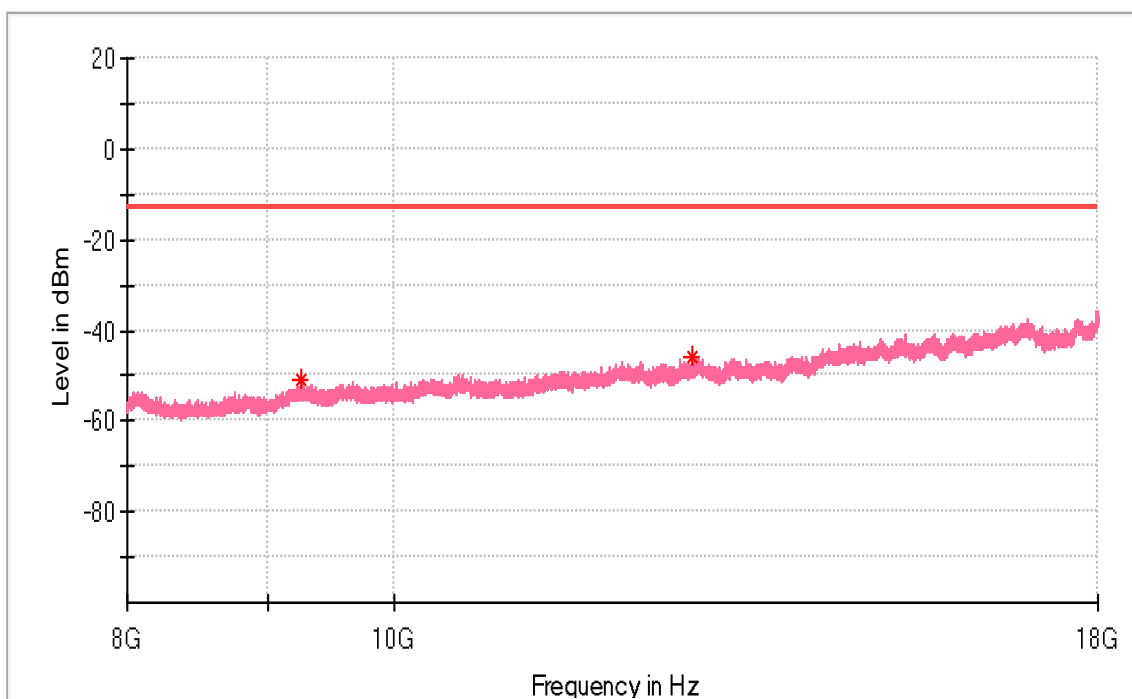


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9229.500000	-50.73	-13.00	37.73	100.0	H	14.0	-84.1
12905.000000	-45.82	-13.00	32.82	100.0	H	290.0	-78.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_Mid Channel
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

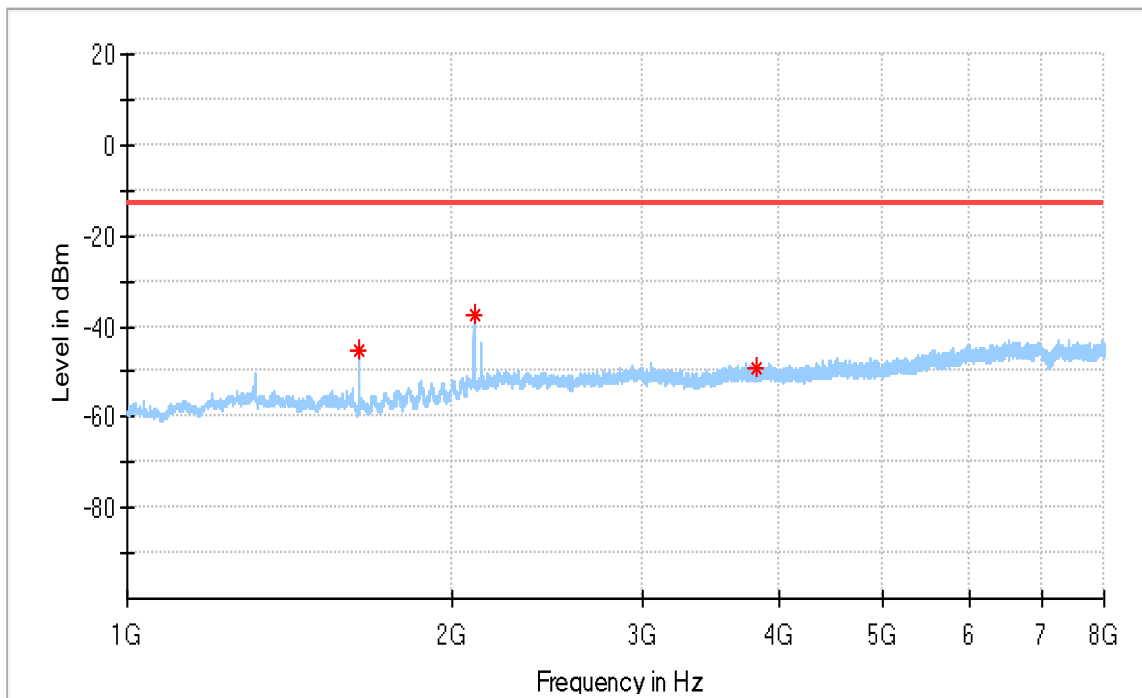


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9253.500000	-50.89	-13.00	37.89	100.0	V	297.0	-83.9
12831.000000	-45.78	-13.00	32.78	100.0	V	150.0	-79.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_High Channel
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

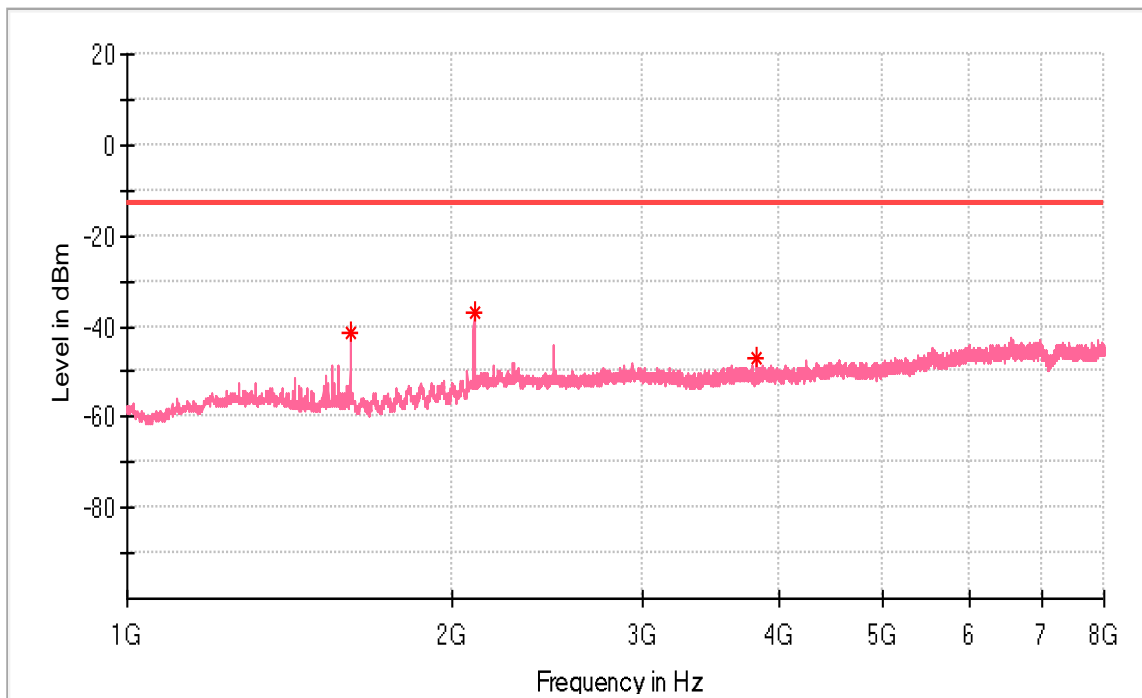


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-45.42	-13.00	32.42	100.0	H	63.0	-92.5
2092.000000	-37.65	-13.00	24.65	100.0	H	285.0	-88.7
3823.500000	-49.28	-13.00	36.28	100.0	H	264.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_High Channel
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

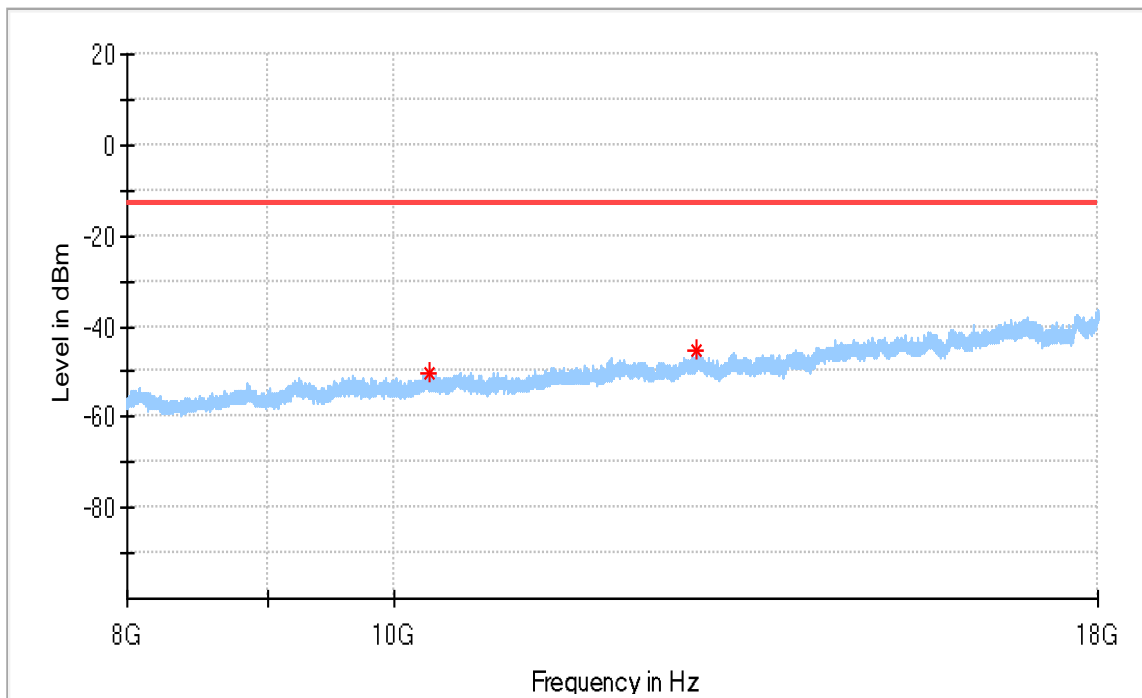


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1607.000000	-41.64	-13.00	28.64	100.0	V	345.0	-93.0
2092.500000	-37.03	-13.00	24.03	100.0	V	298.0	-88.7
3820.000000	-46.88	-13.00	33.88	100.0	V	221.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_High Channel
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

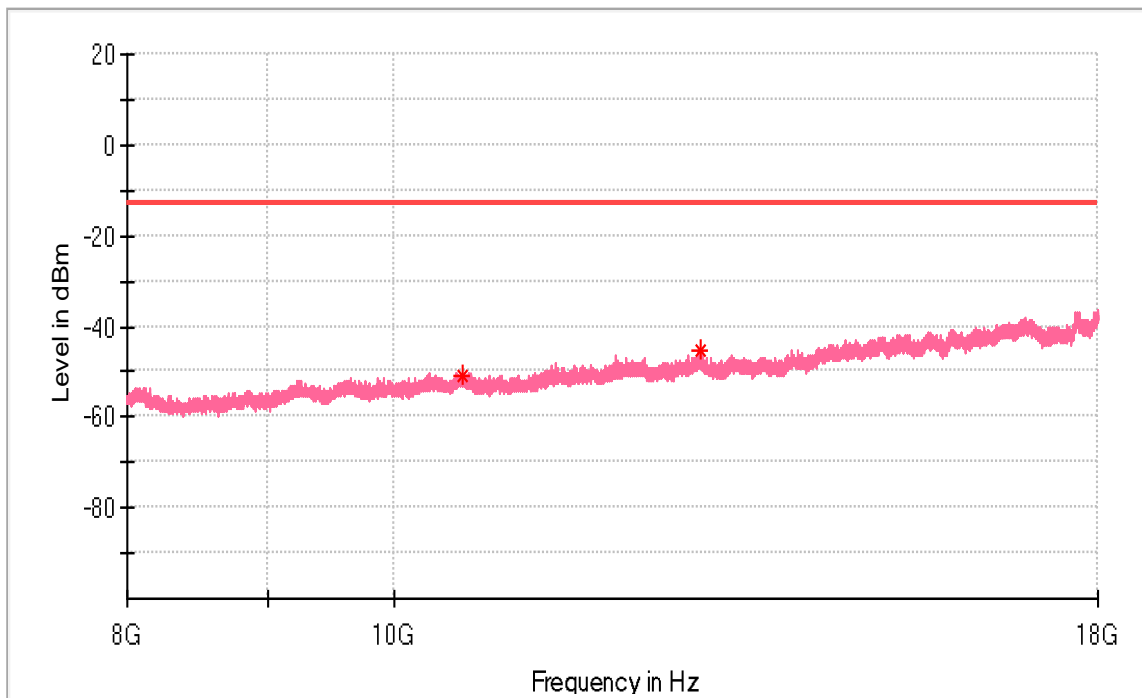


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10302.000000	-50.11	-13.00	37.11	100.0	H	6.0	-83.4
12877.500000	-45.38	-13.00	32.38	100.0	H	212.0	-78.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B25_5M_QPSK_1@0_High Channel
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

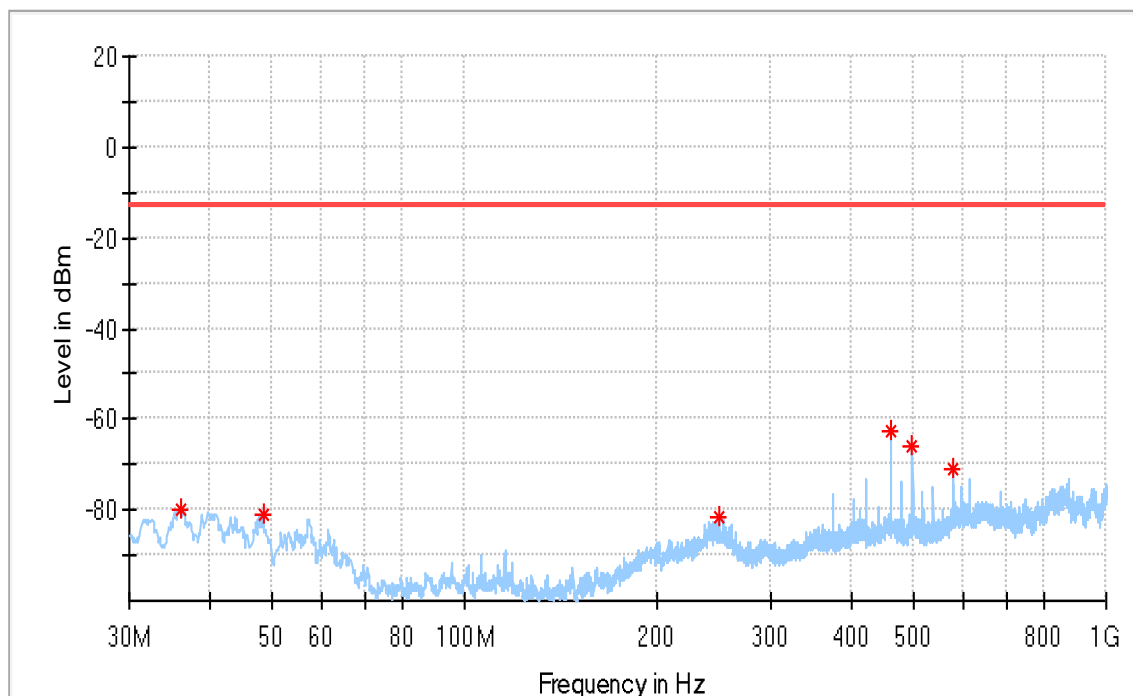
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10579.000000	-50.70	-13.00	37.70	100.0	V	300.0	-82.5
12923.500000	-45.14	-13.00	32.14	100.0	V	200.0	-78.5

APPENDIX J.7: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 26

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_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

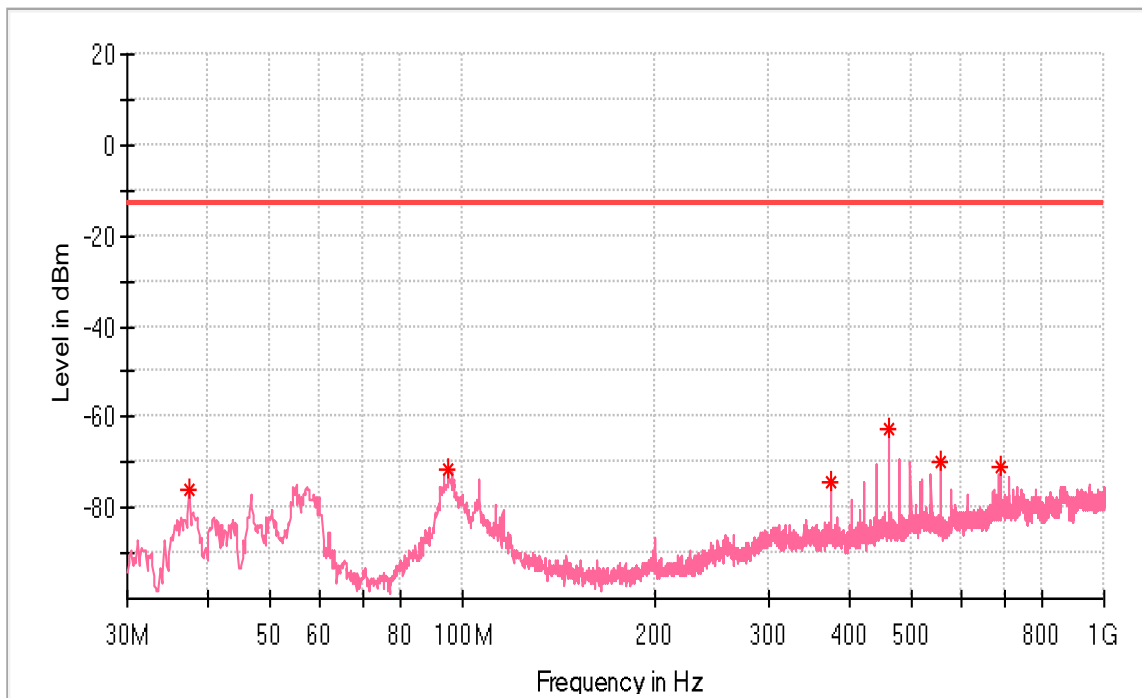


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-79.66	-13.00	66.66	100.0	H	219.0	-113.5
48.551250	-81.01	-13.00	68.01	100.0	H	349.0	-114.9
249.583750	-81.70	-13.00	68.70	100.0	H	256.0	-110.0
460.801250	-62.63	-13.00	49.63	100.0	H	62.0	-108.5
499.237500	-66.14	-13.00	53.14	100.0	H	125.0	-109.7
578.777500	-70.83	-13.00	57.83	100.0	H	86.0	-106.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_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

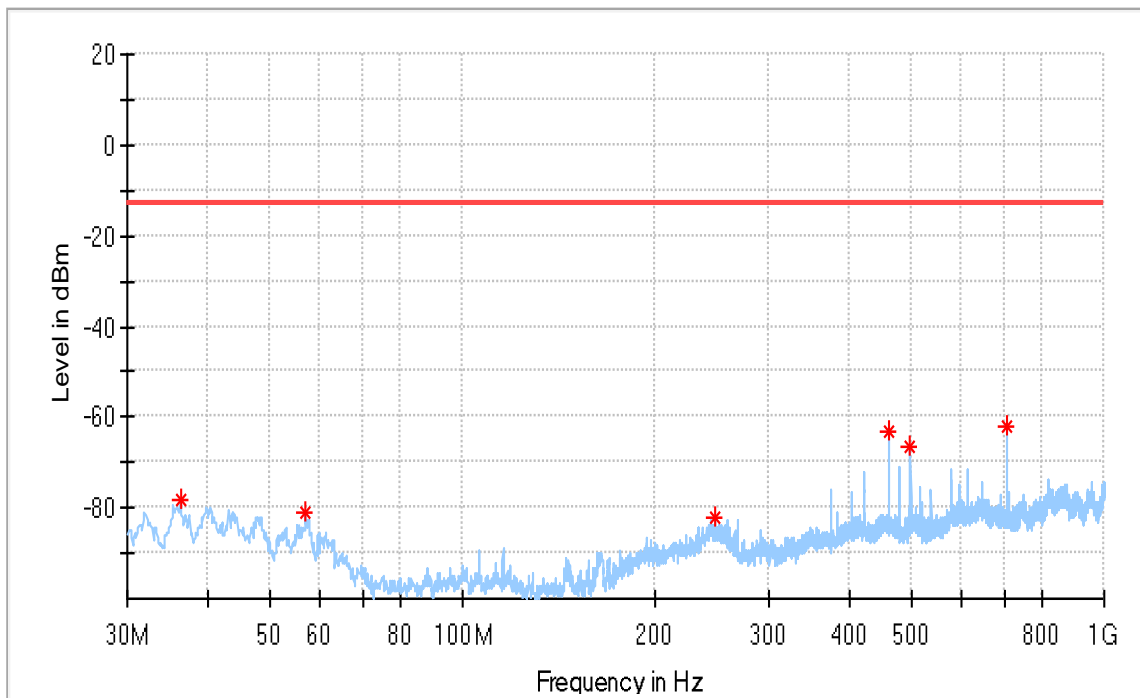


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-75.92	-13.00	62.92	100.0	V	259.0	-125.9
95.111250	-71.32	-13.00	58.32	100.0	V	354.0	-99.8
375.198750	-74.13	-13.00	61.13	100.0	V	70.0	-110.9
460.801250	-62.55	-13.00	49.55	100.0	V	48.0	-109.7
557.680000	-69.80	-13.00	56.80	100.0	V	173.0	-109.0
691.176250	-70.99	-13.00	57.99	100.0	V	221.0	-104.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_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

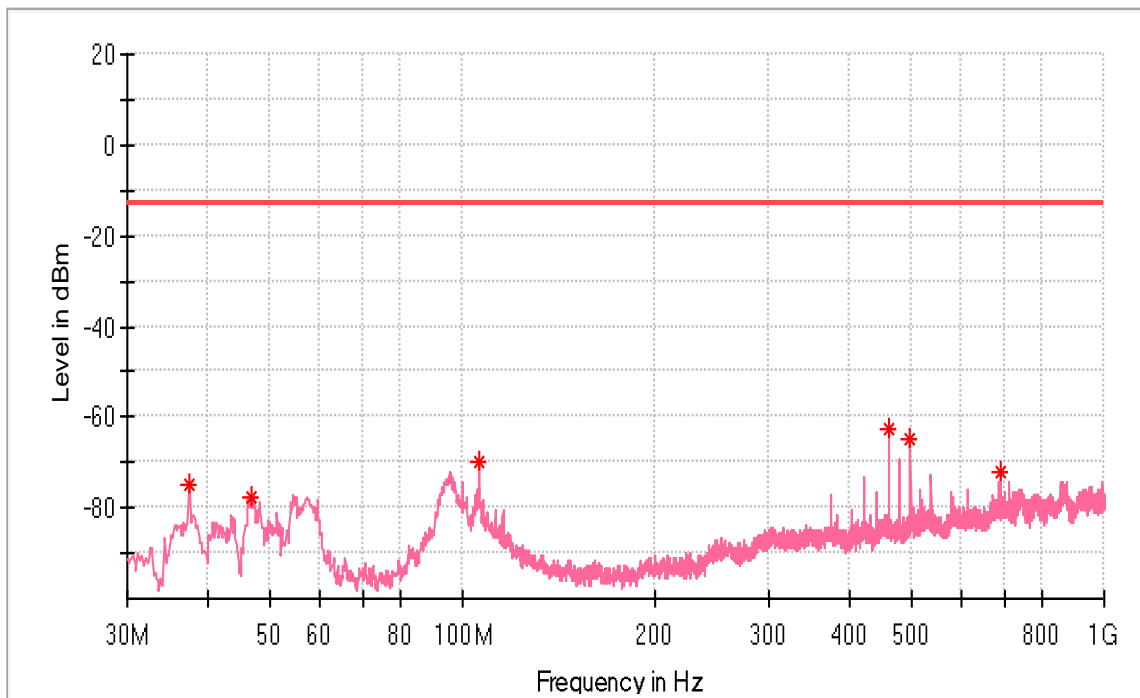


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.305000	-78.49	-13.00	65.49	100.0	H	278.0	-113.4
56.796250	-80.85	-13.00	67.85	100.0	H	79.0	-117.1
247.401250	-82.16	-13.00	69.16	100.0	H	285.0	-109.9
460.801250	-63.09	-13.00	50.09	100.0	H	42.0	-108.5
499.237500	-66.25	-13.00	53.25	100.0	H	112.0	-109.7
707.423750	-61.87	-13.00	48.87	100.0	H	285.0	-106.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_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



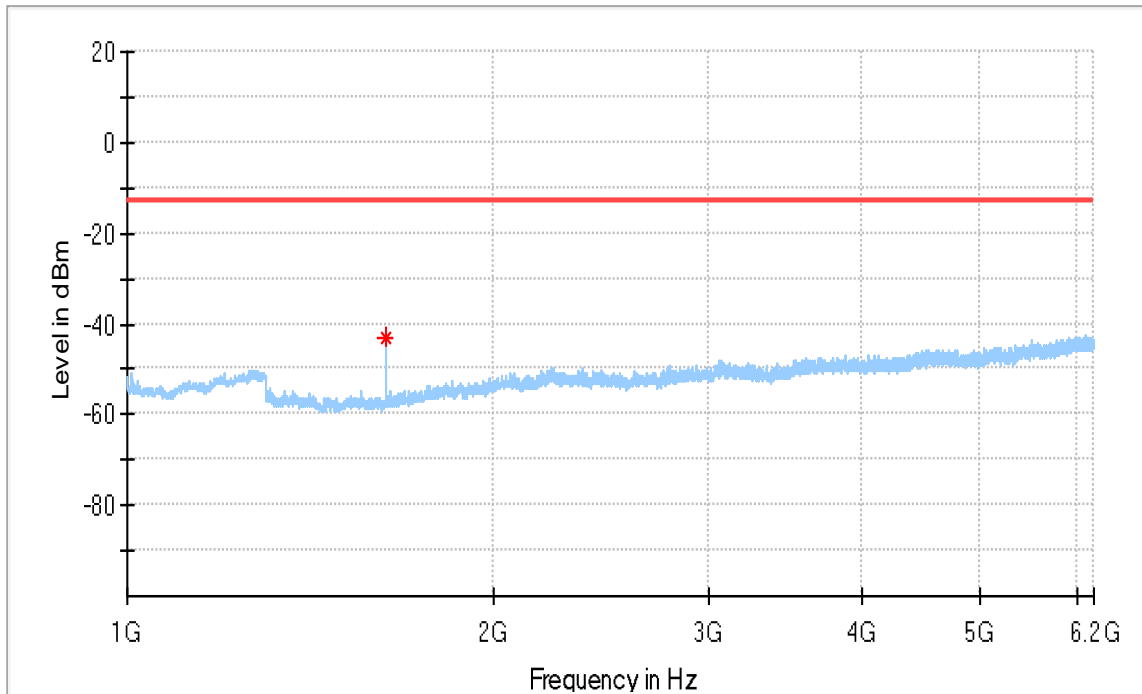
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-74.89	-13.00	61.89	100.0	V	215.0	-125.9
46.853750	-77.64	-13.00	64.64	100.0	V	200.0	-122.8
106.145000	-70.04	-13.00	57.04	100.0	V	128.0	-106.0
460.801250	-62.35	-13.00	49.35	100.0	V	50.0	-109.7
499.237500	-64.97	-13.00	51.97	100.0	V	193.0	-109.2
691.176250	-72.20	-13.00	59.20	100.0	V	128.0	-104.6

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

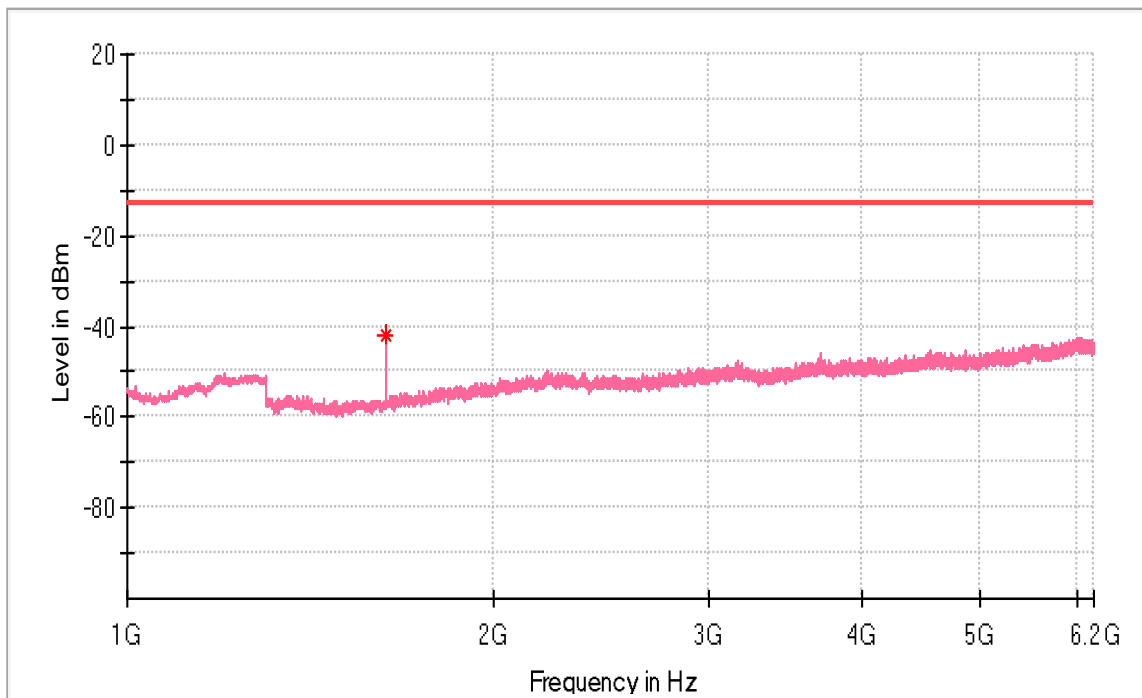


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-43.06	-13.00	30.06	100.0	H	353.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

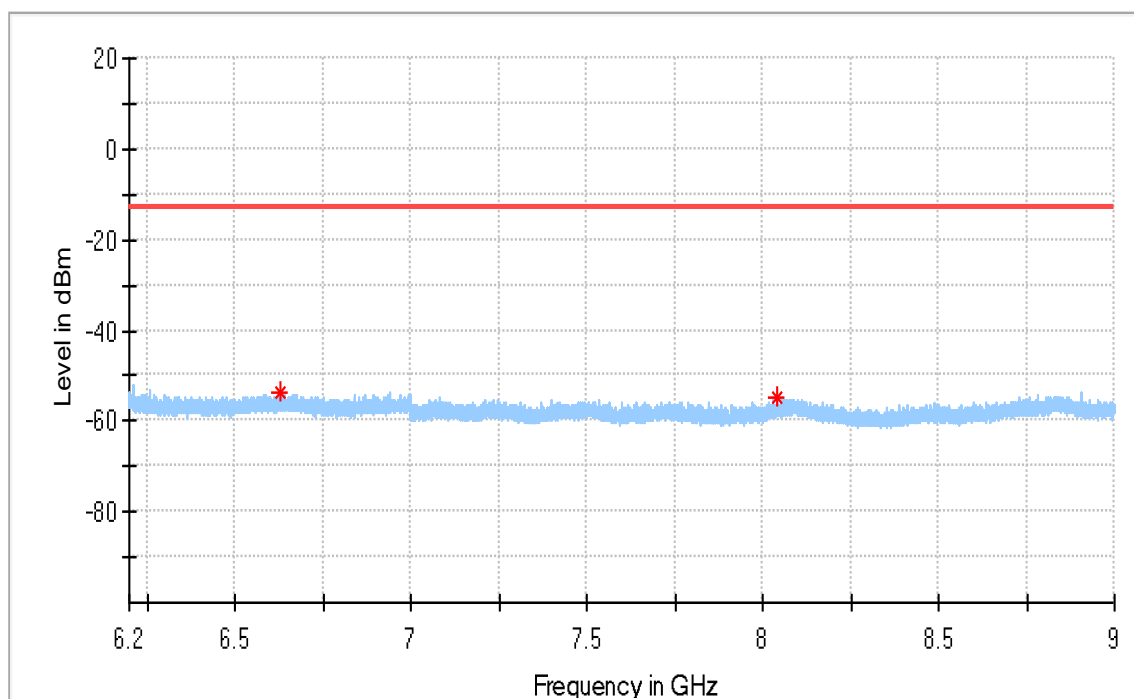


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-42.08	-13.00	29.08	100.0	V	4.0	-92.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

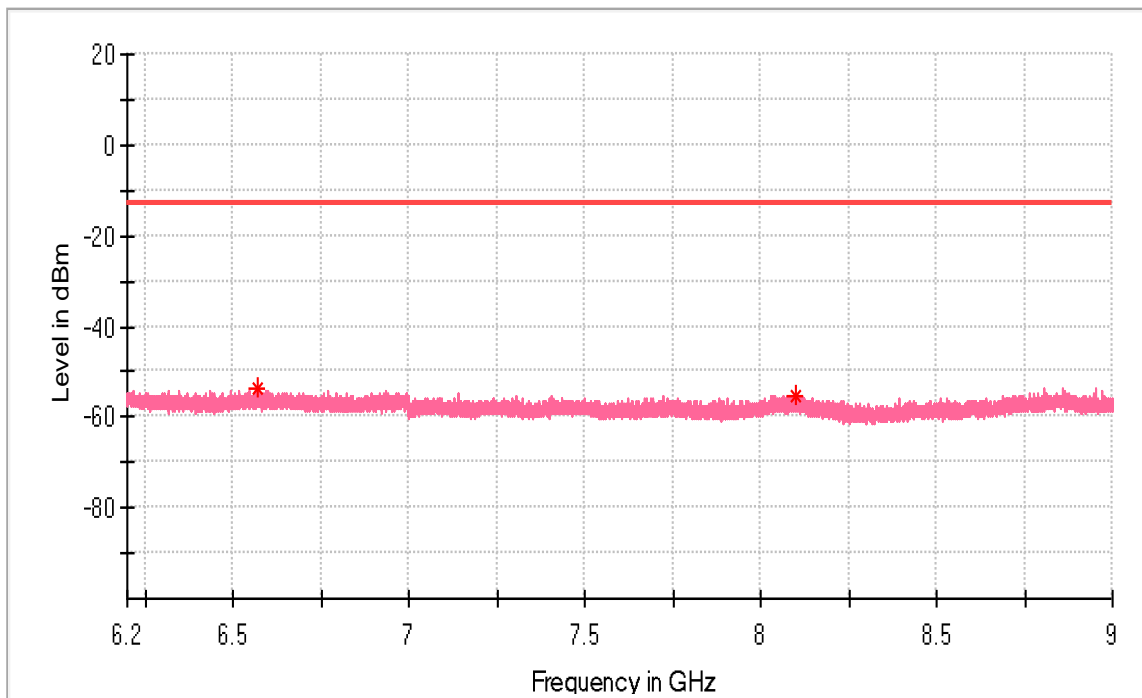


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6629.916667	-53.57	-13.00	40.57	100.0	H	19.0	-87.7
8042.400000	-54.73	-13.00	41.73	100.0	H	320.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

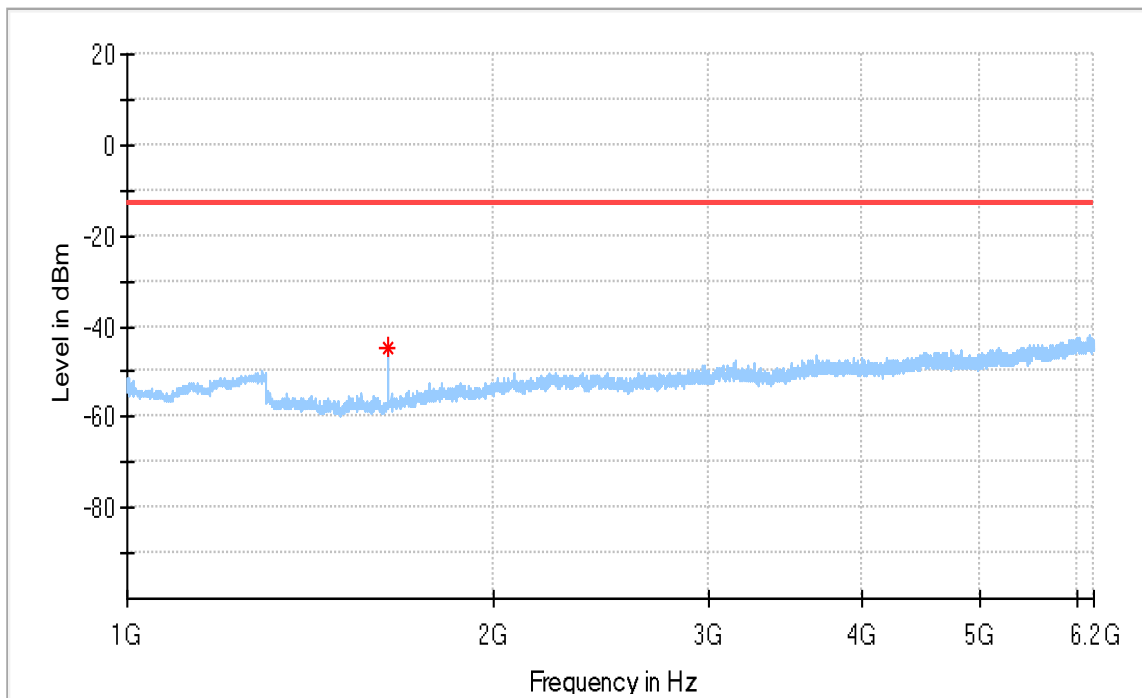


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6572.750000	-53.68	-13.00	40.68	100.0	V	165.0	-87.6
8099.333333	-55.25	-13.00	42.25	100.0	V	165.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

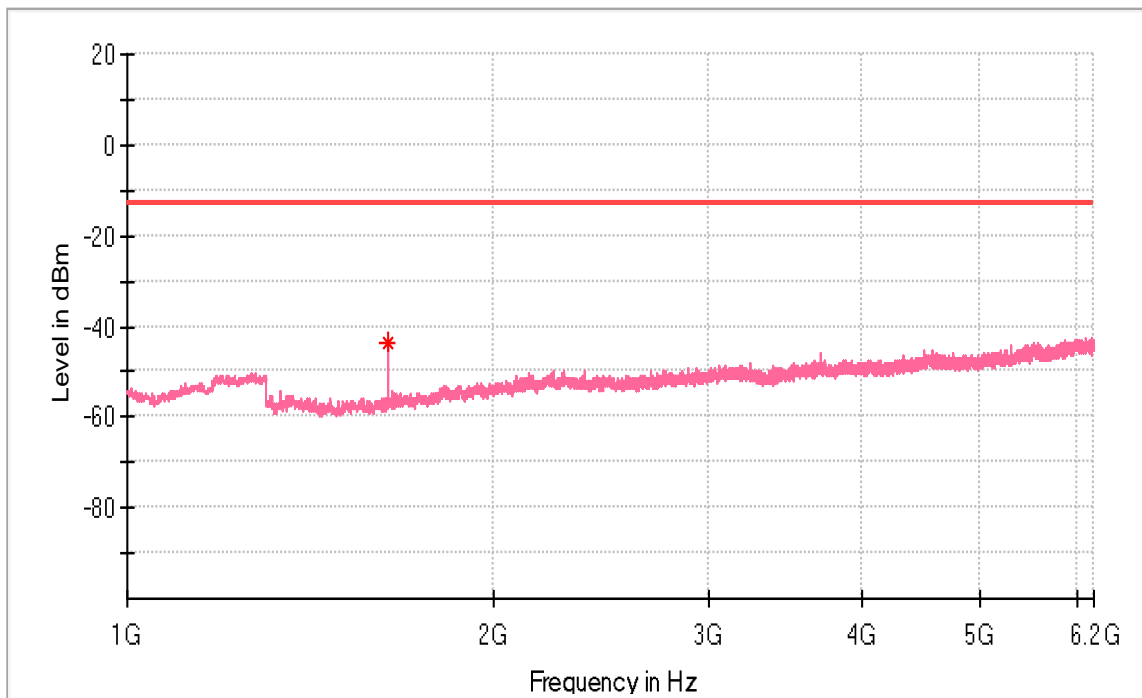


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1636.500000	-44.63	-13.00	31.63	100.0	H	272.0	-92.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

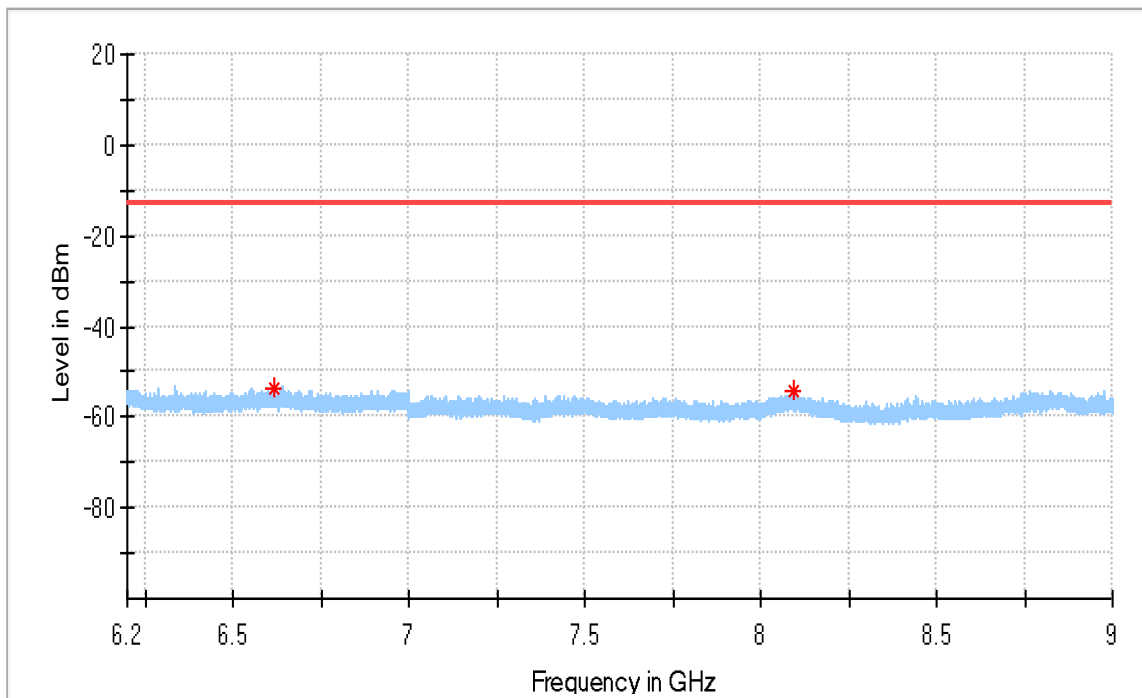


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1636.500000	-43.75	-13.00	30.75	100.0	V	311.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

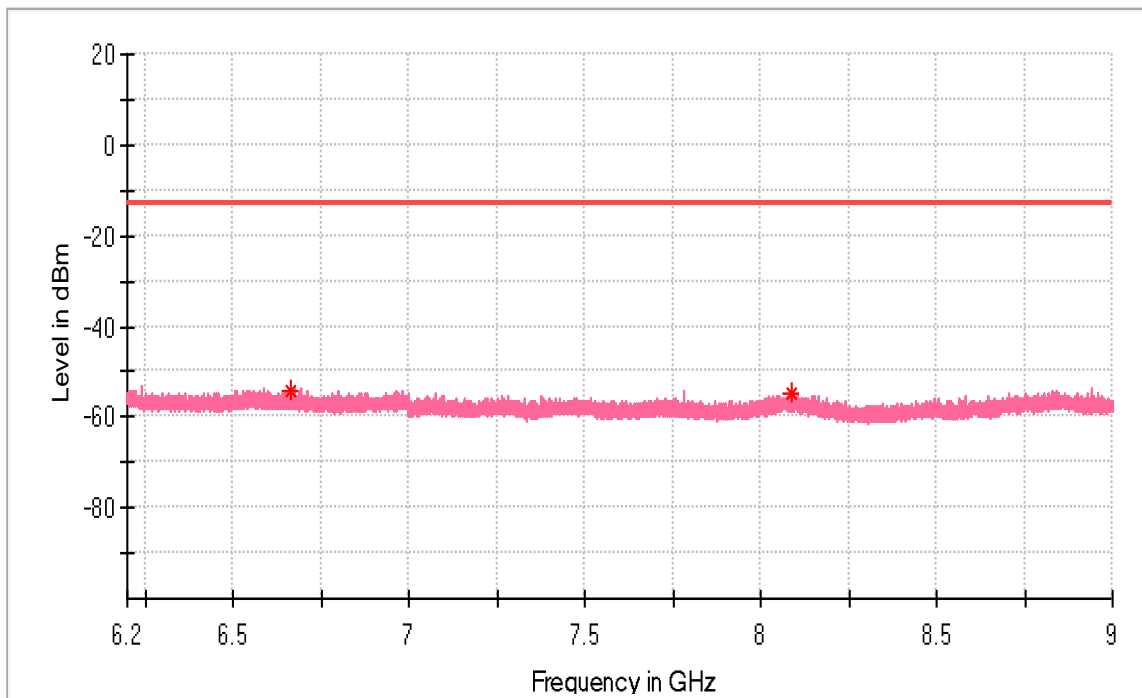


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6615.916667	-53.50	-13.00	40.50	100.0	H	330.0	-87.7
8094.900000	-54.41	-13.00	41.41	100.0	H	244.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

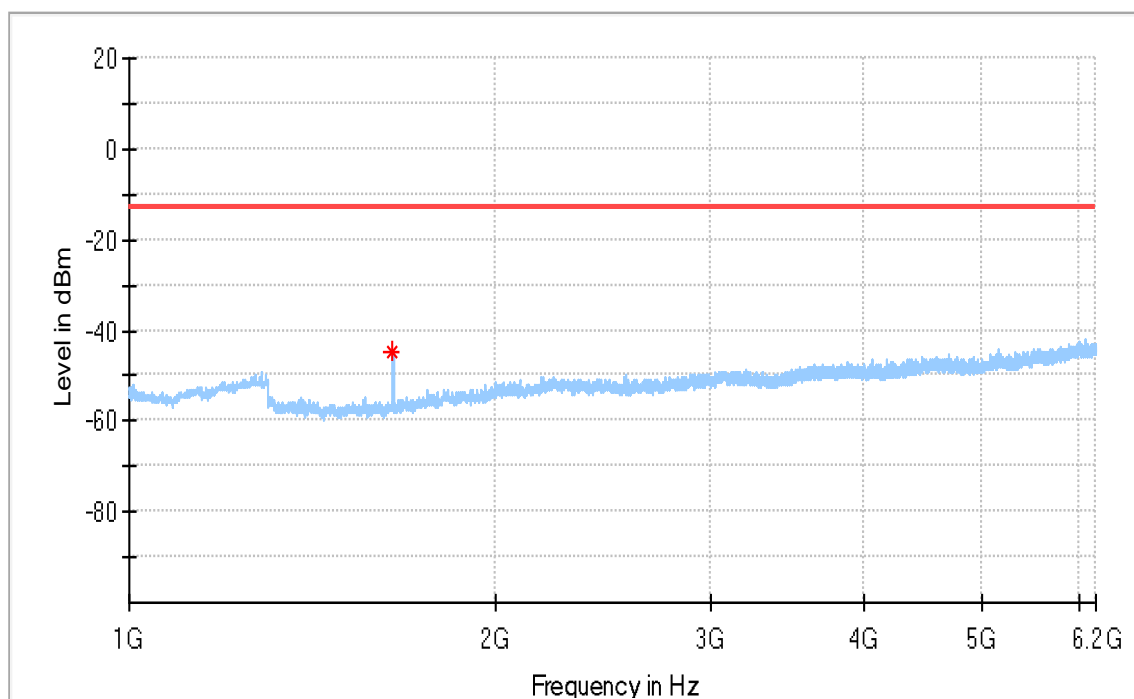


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6665.033333	-54.24	-13.00	41.24	100.0	V	10.0	-87.9
8089.416667	-54.99	-13.00	41.99	100.0	V	215.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

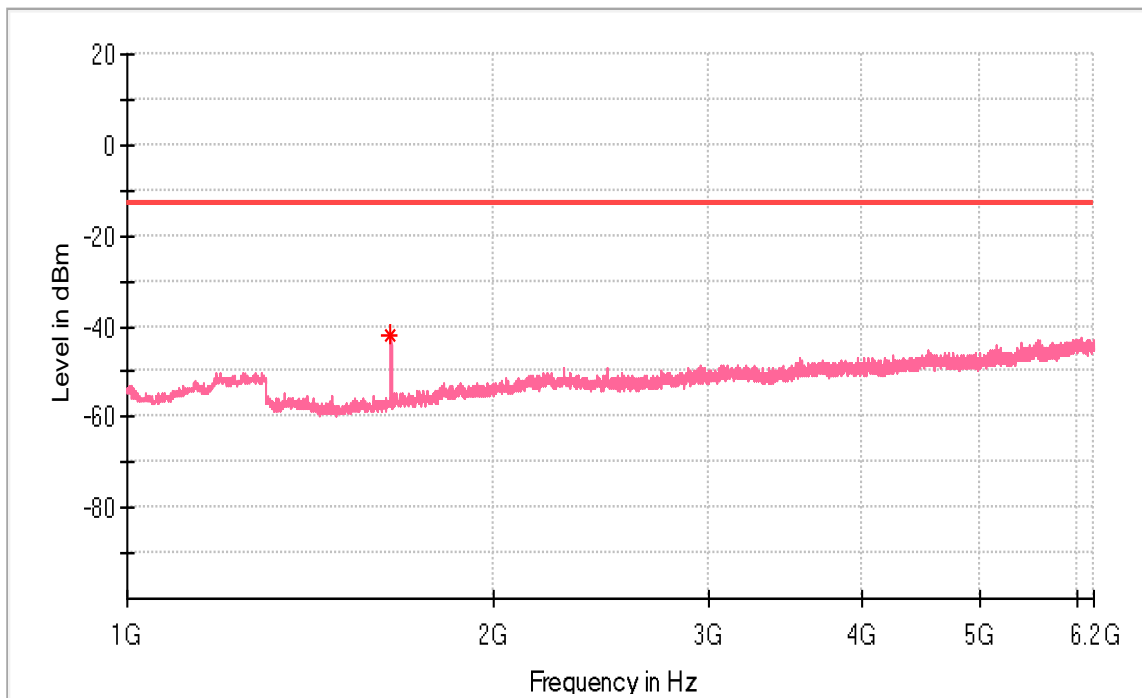


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-44.71	-13.00	31.71	100.0	H	328.0	-92.3

EUT Information

EUT Name: Data Terminal Module
Model: ML865G1-WW
Test Mode: B26_1.4M_QPSK_1@0_High Channel
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

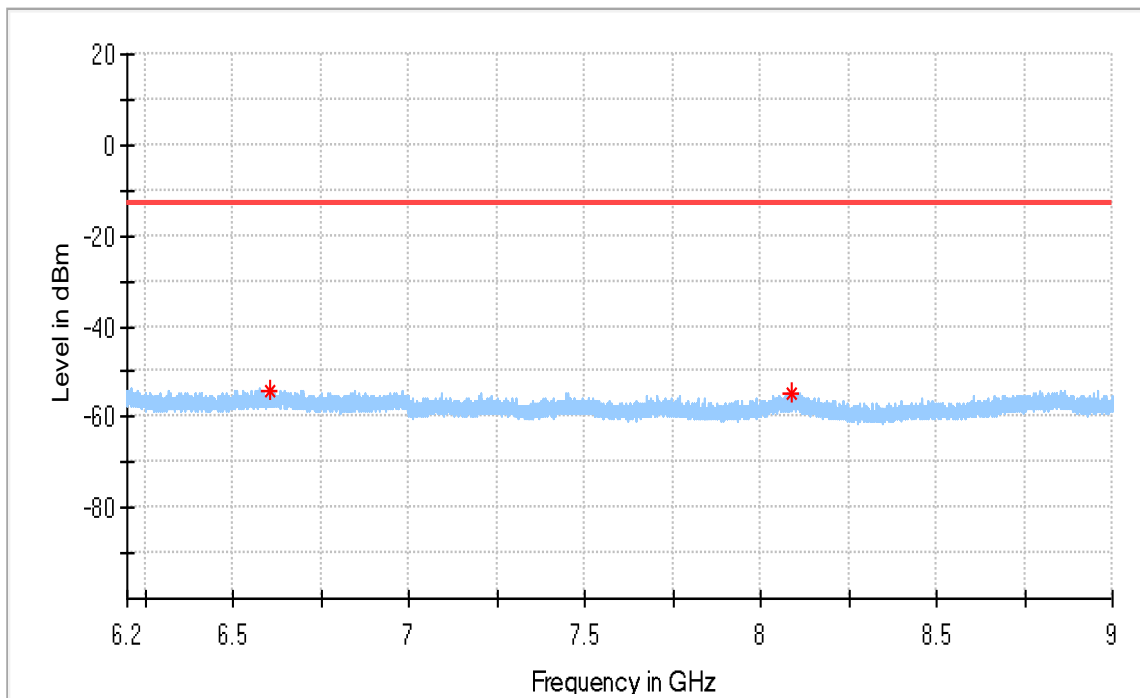


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-41.97	-13.00	28.97	100.0	V	48.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

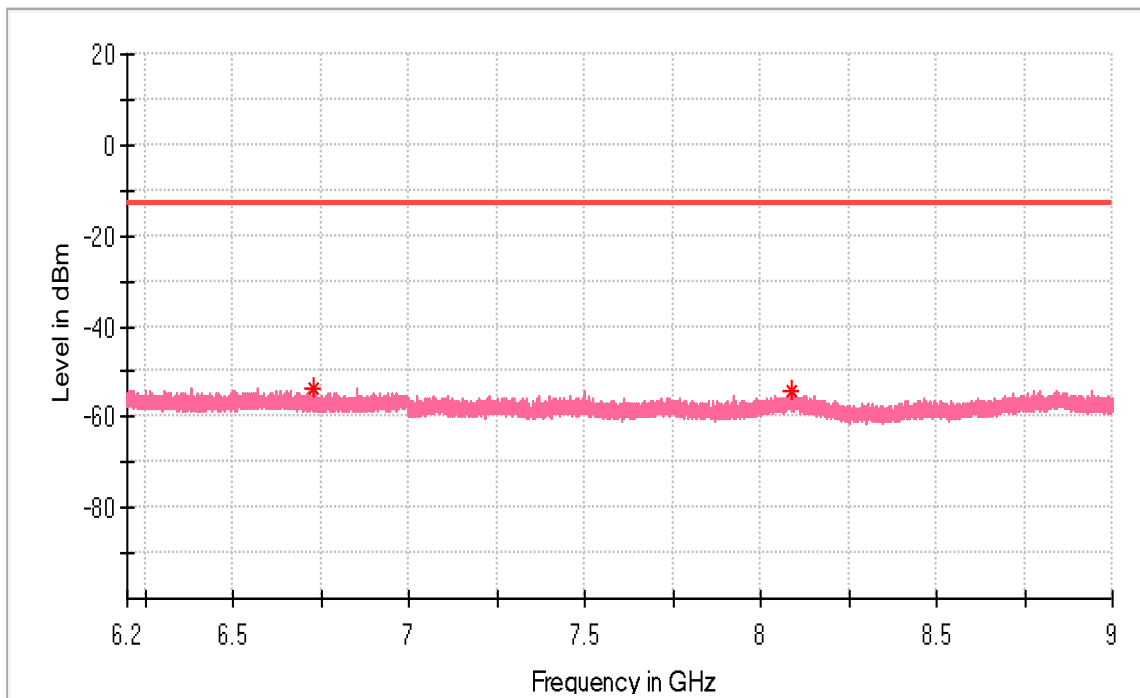


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6607.750000	-54.38	-13.00	41.38	100.0	H	319.0	-87.8
8088.833333	-54.56	-13.00	41.56	100.0	H	206.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

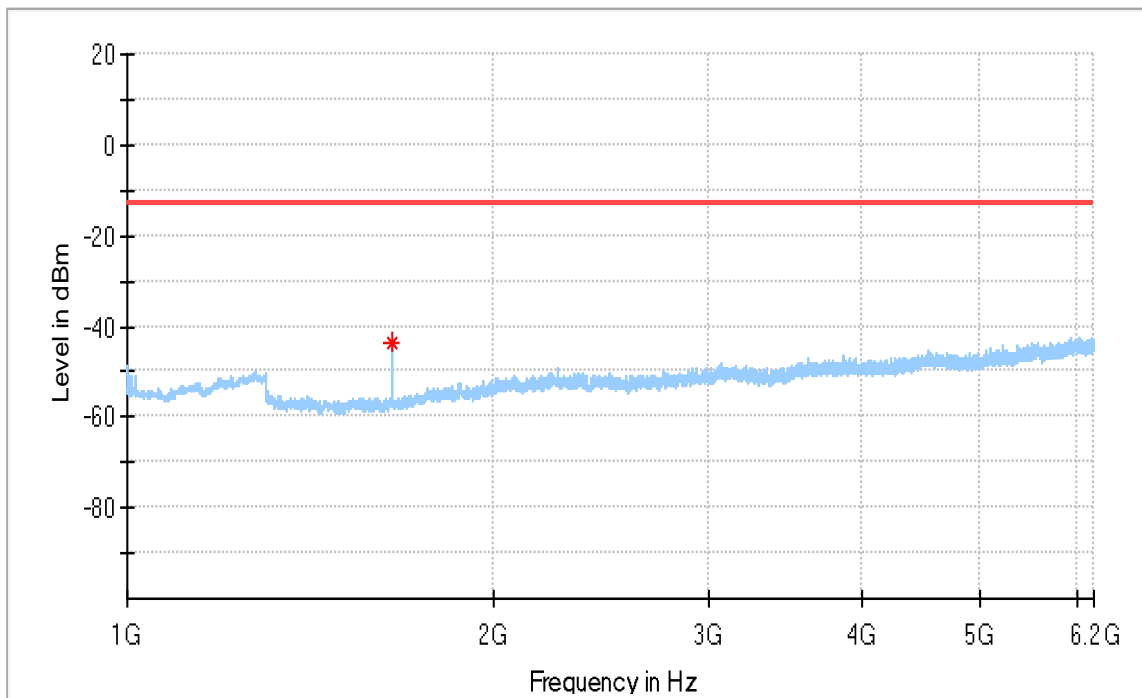


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6726.516667	-53.95	-13.00	40.95	100.0	V	211.0	-88.4
8089.066667	-54.24	-13.00	41.24	100.0	V	109.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

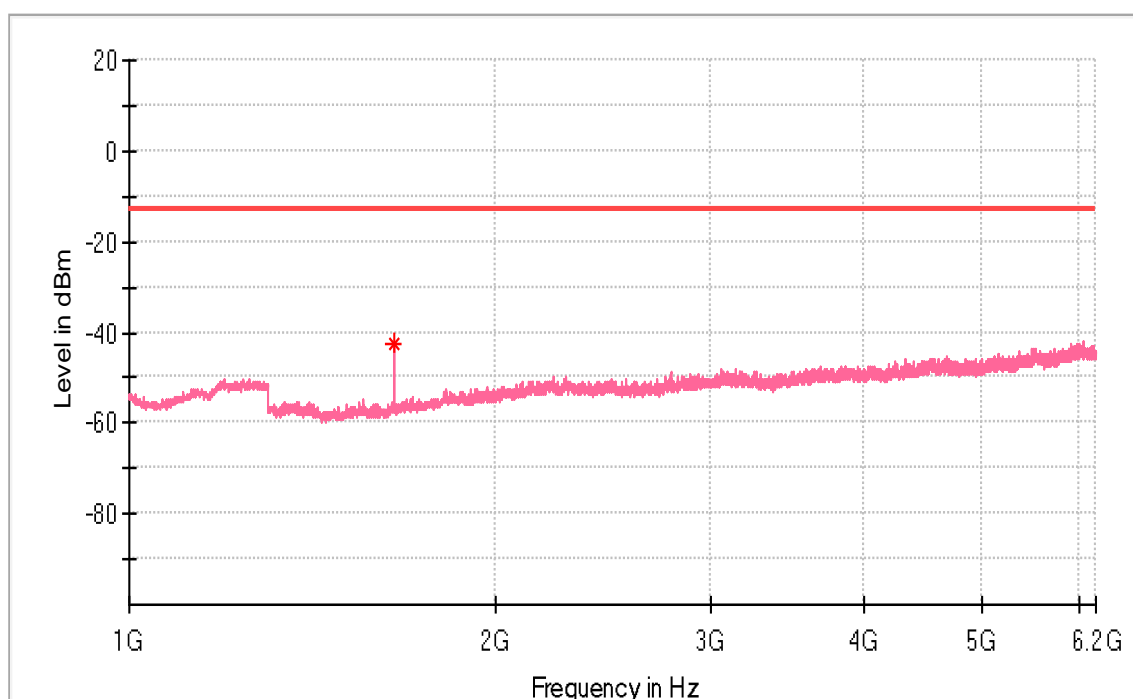


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-43.89	-13.00	30.89	100.0	H	355.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

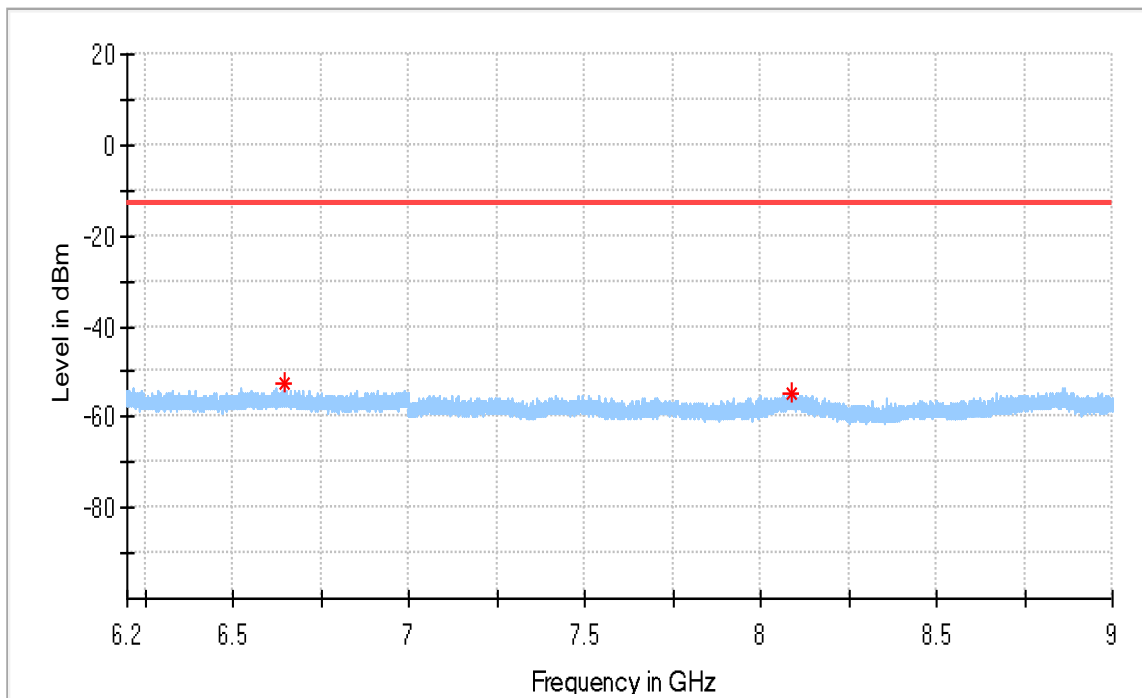


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-42.34	-13.00	29.34	100.0	V	0.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

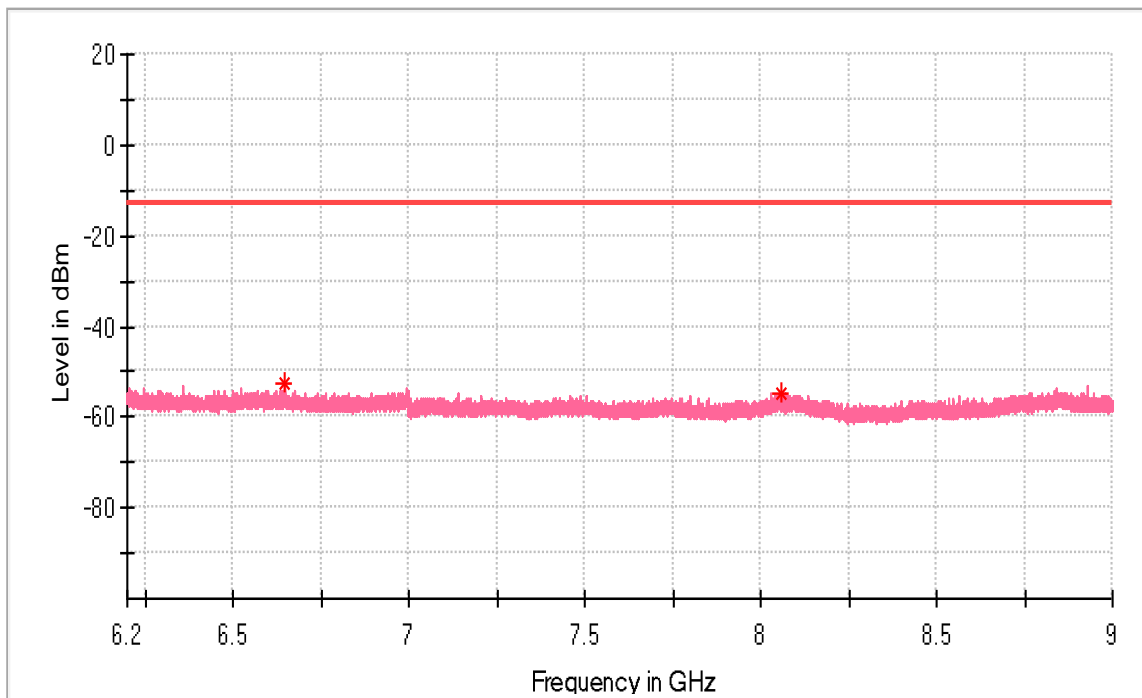


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6649.050000	-52.42	-13.00	39.42	100.0	H	31.0	-87.6
8087.900000	-54.56	-13.00	41.56	100.0	H	121.0	-86.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Low Channel
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

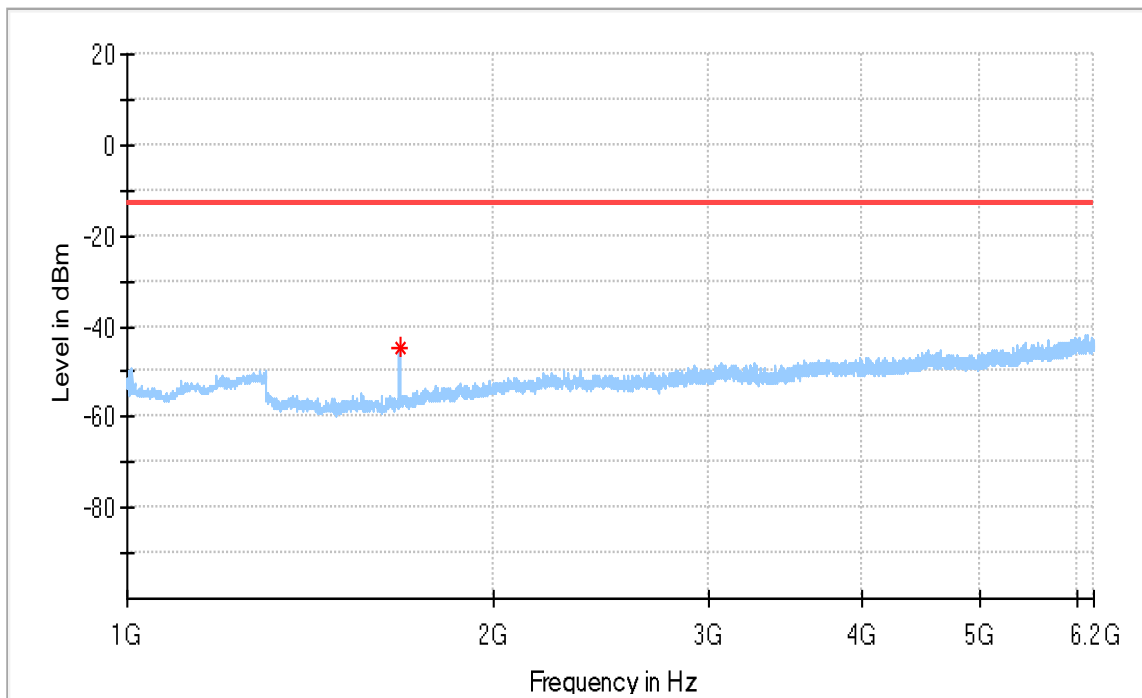


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6649.983333	-52.73	-13.00	39.73	100.0	V	230.0	-87.9
8059.783333	-54.82	-13.00	41.82	100.0	V	65.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

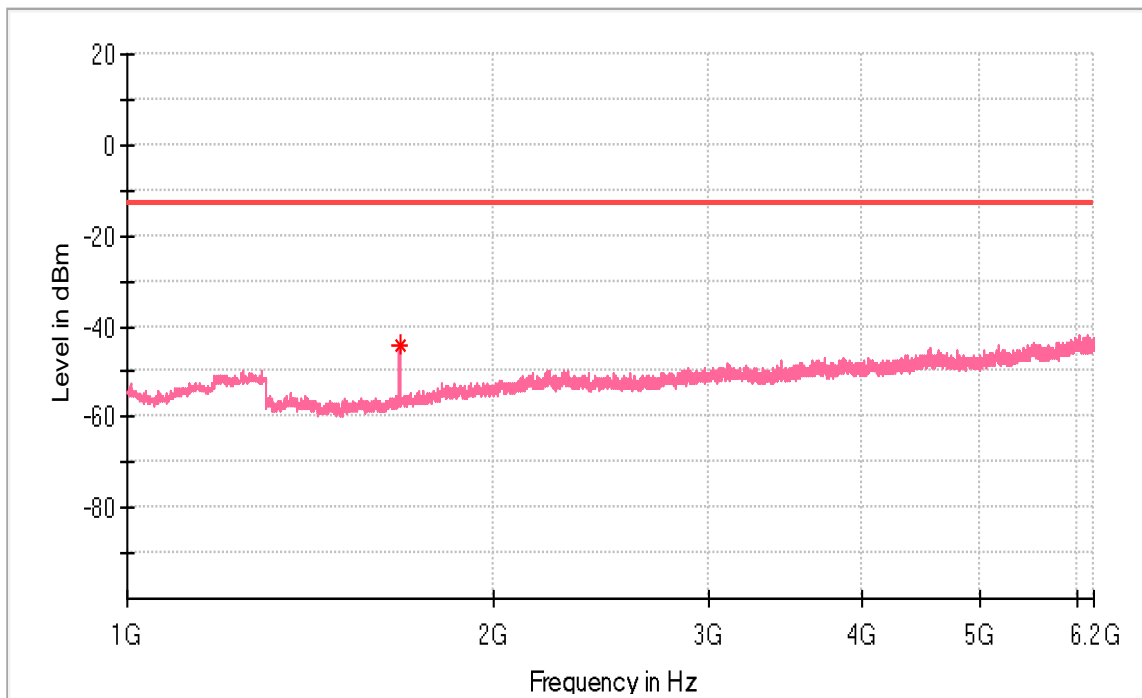


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-44.83	-13.00	31.83	100.0	H	279.0	-92.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

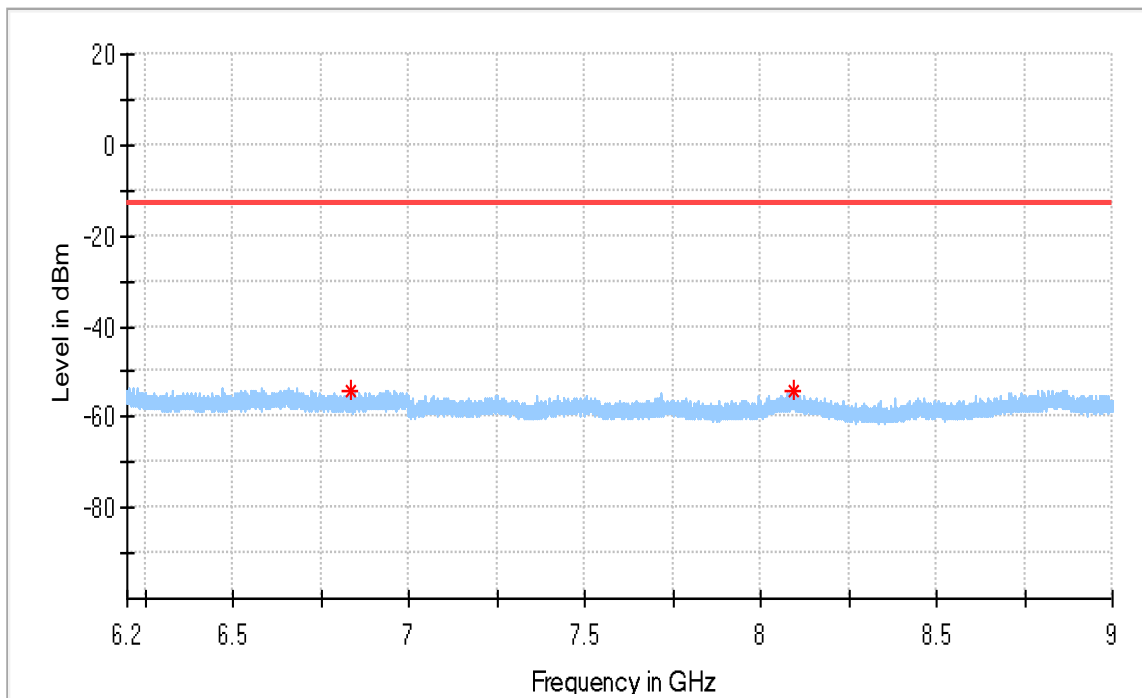


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-44.33	-13.00	31.33	100.0	V	5.0	-92.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

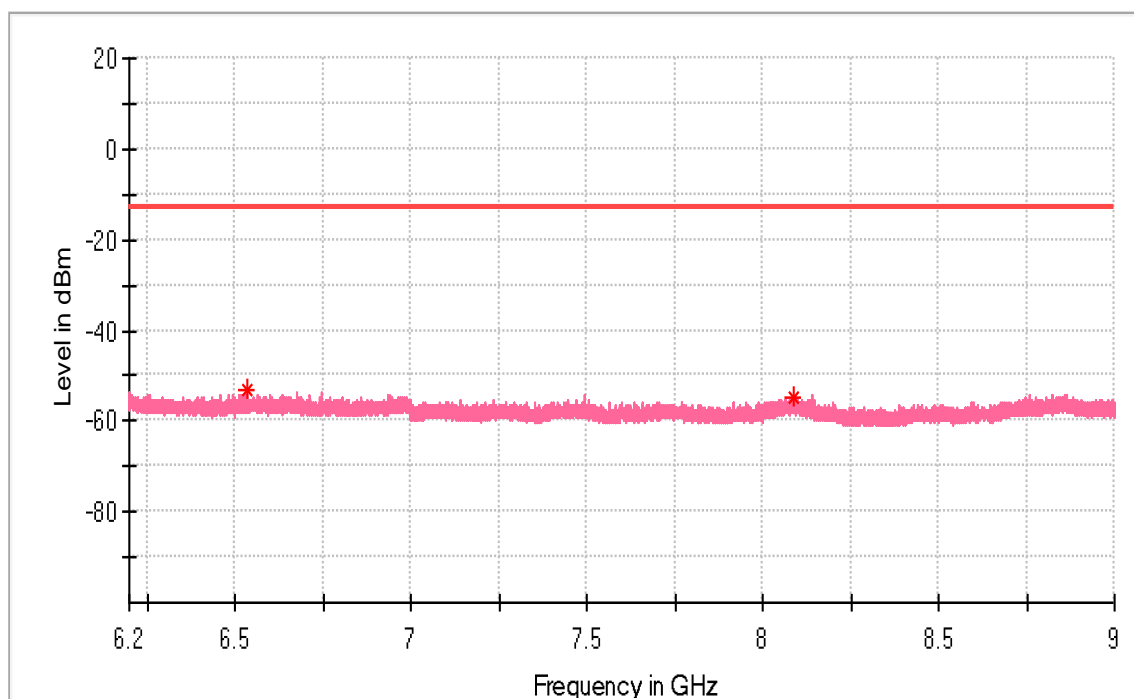


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6835.716667	-54.05	-13.00	41.05	100.0	H	127.0	-88.5
8092.216667	-54.25	-13.00	41.25	100.0	H	0.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_Mid Channel
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

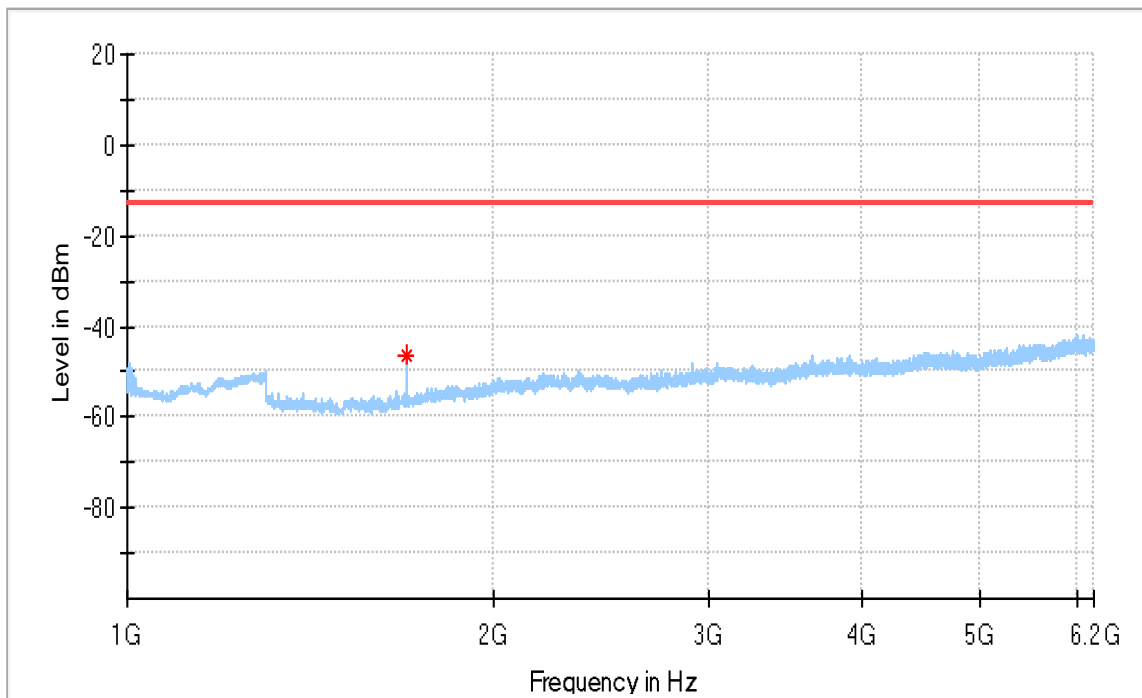


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6535.766667	-53.15	-13.00	40.15	100.0	V	238.0	-87.4
8086.733333	-54.60	-13.00	41.60	100.0	V	210.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

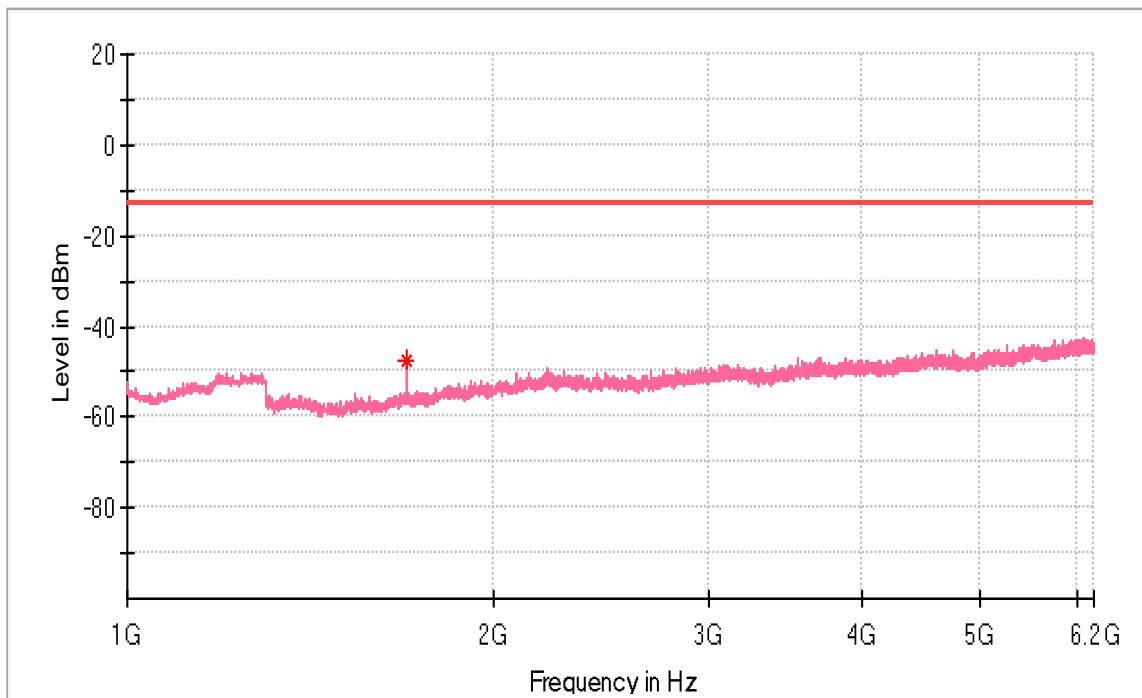


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-46.60	-13.00	33.60	100.0	H	357.0	-92.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

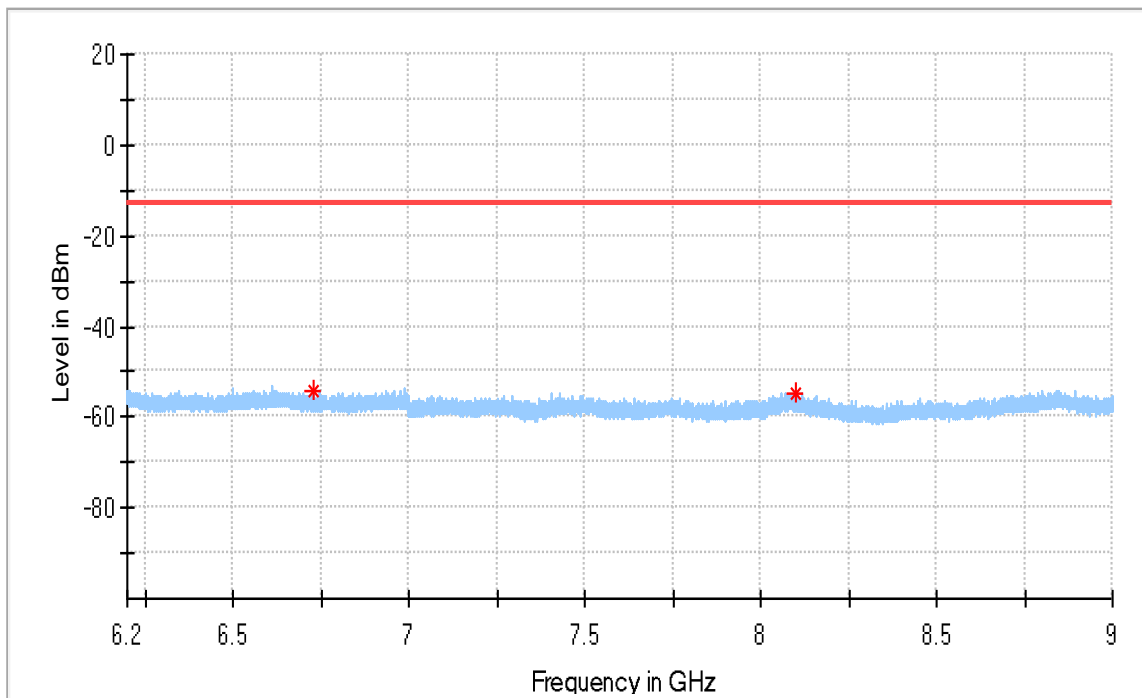


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.500000	-47.28	-13.00	34.28	100.0	V	169.0	-92.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

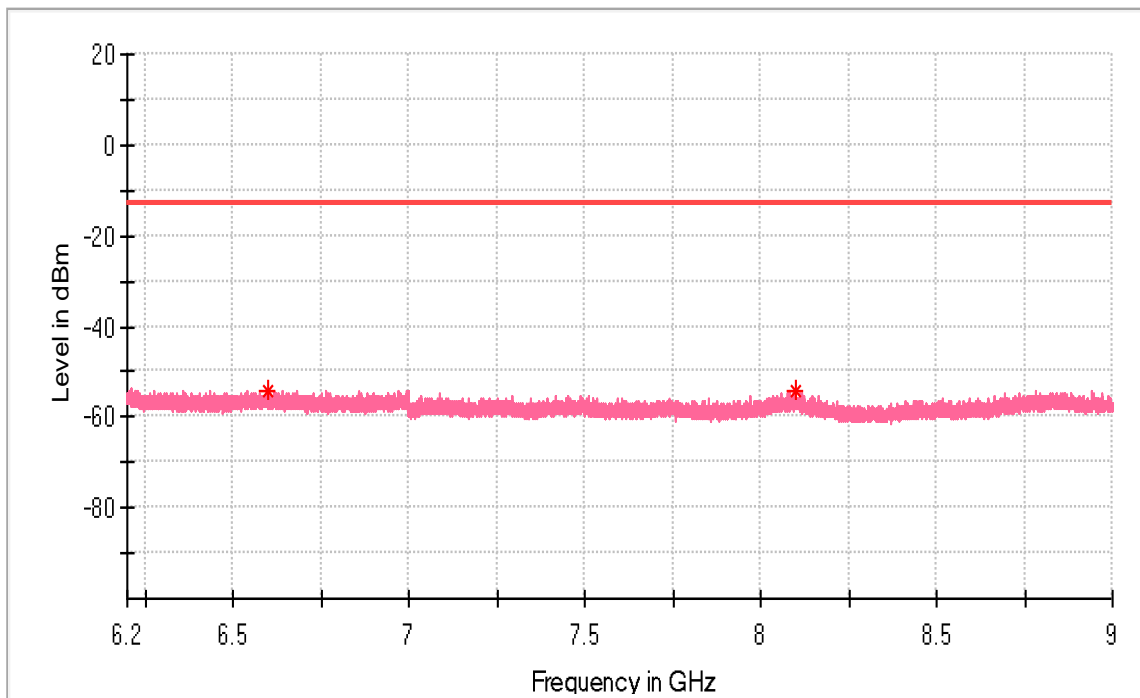


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6727.216667	-54.00	-13.00	41.00	100.0	H	307.0	-88.3
8099.333333	-54.61	-13.00	41.61	100.0	H	206.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B26_1.4M_QPSK_1@0_High Channel
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

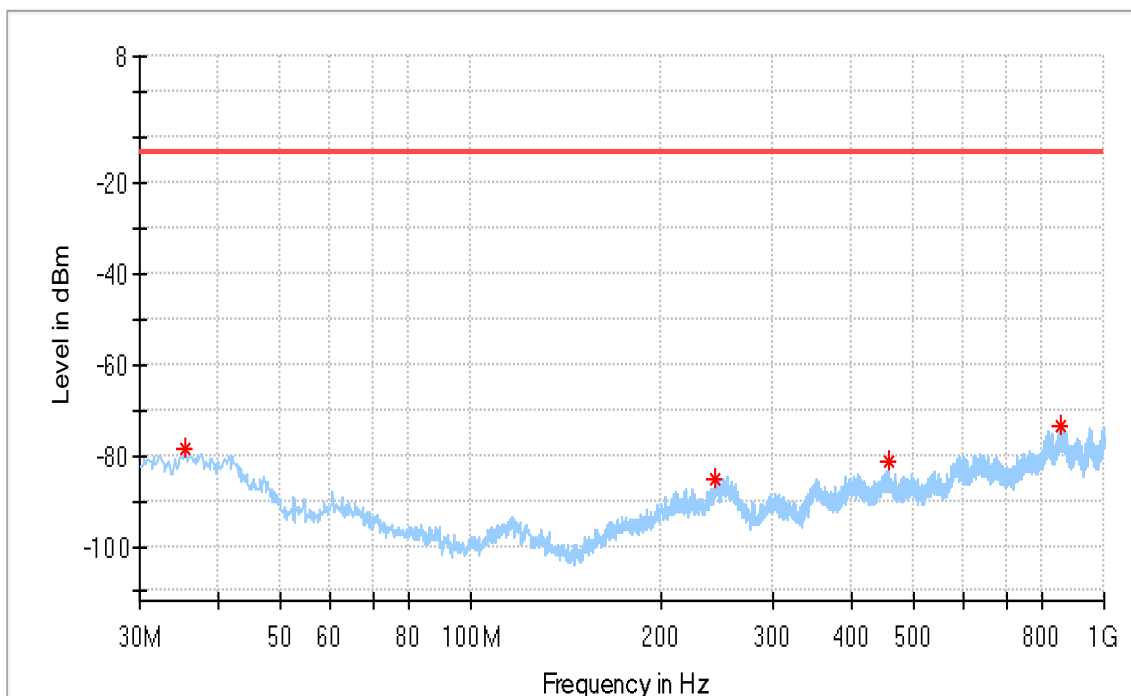
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6599.233333	-54.42	-13.00	41.42	100.0	V	11.0	-88.0
8100.733333	-54.25	-13.00	41.25	100.0	V	281.0	-86.8

APPENDIX J.8: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 66

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_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

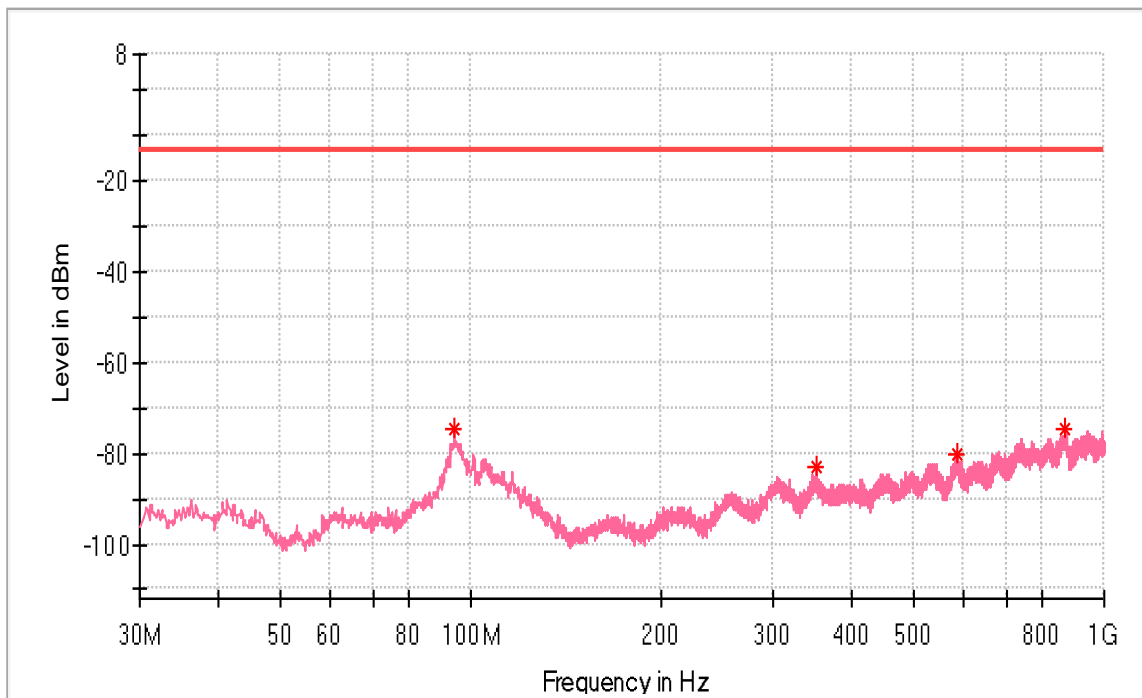


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.335000	-78.70	-13.00	65.70	100.0	H	326.0	-114.3
243.521250	-85.28	-13.00	72.28	100.0	H	126.0	-110.0
457.042500	-81.46	-13.00	68.46	100.0	H	172.0	-108.5
853.772500	-73.64	-13.00	60.64	100.0	H	223.0	-99.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_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



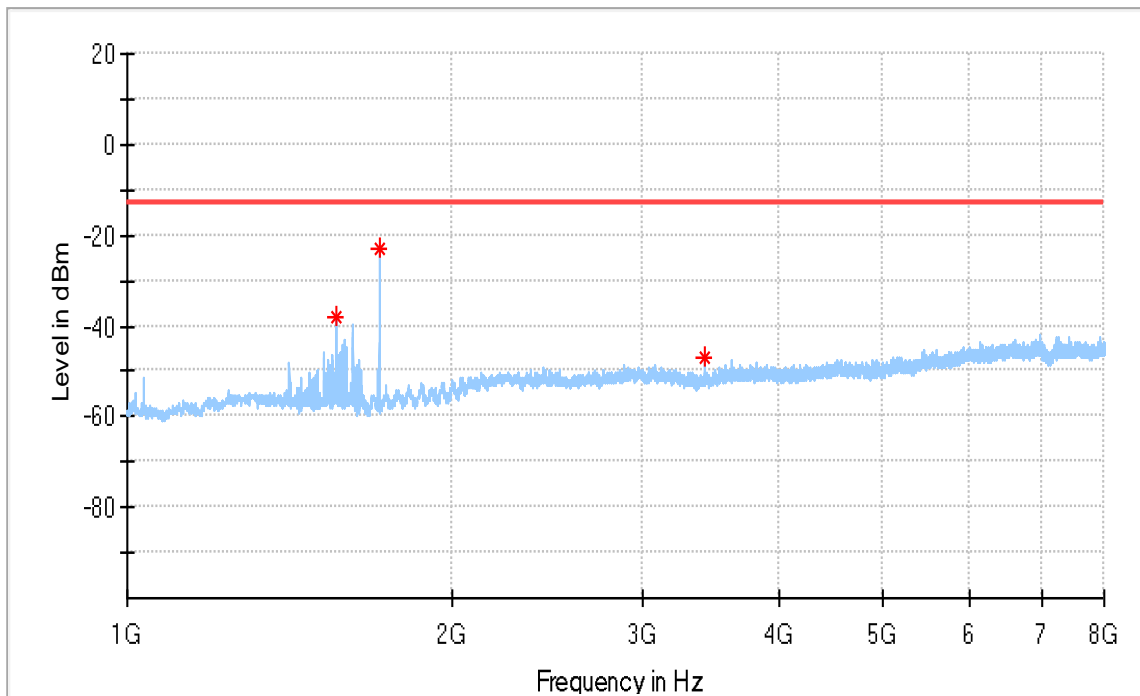
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-74.75	-13.00	61.75	100.0	V	208.0	-99.8
351.191250	-83.22	-13.00	70.22	100.0	V	266.0	-110.9
584.476250	-80.42	-13.00	67.42	100.0	V	155.0	-106.4
865.776250	-74.63	-13.00	61.63	100.0	V	110.0	-99.5

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Low Channel
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

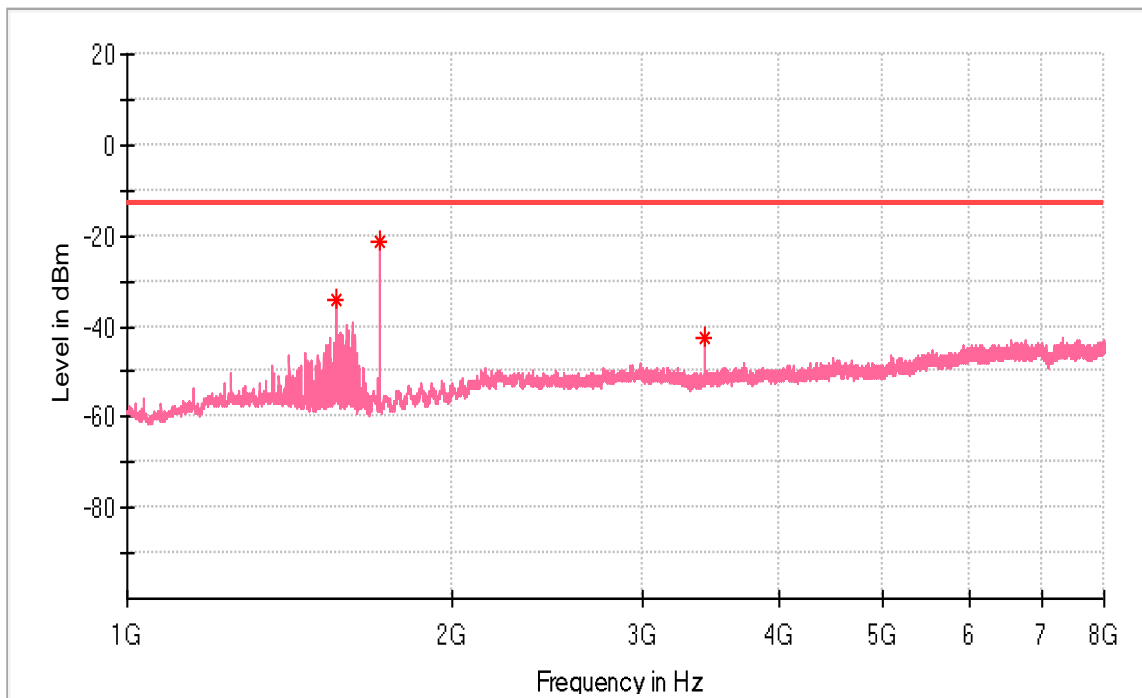


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-37.85	-13.00	24.85	100.0	H	128.0	-93.0
1710.000000	-23.05	-13.00	10.05	100.0	H	121.0	-92.1
3420.000000	-46.97	-13.00	33.97	100.0	H	29.0	-87.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Low Channel
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

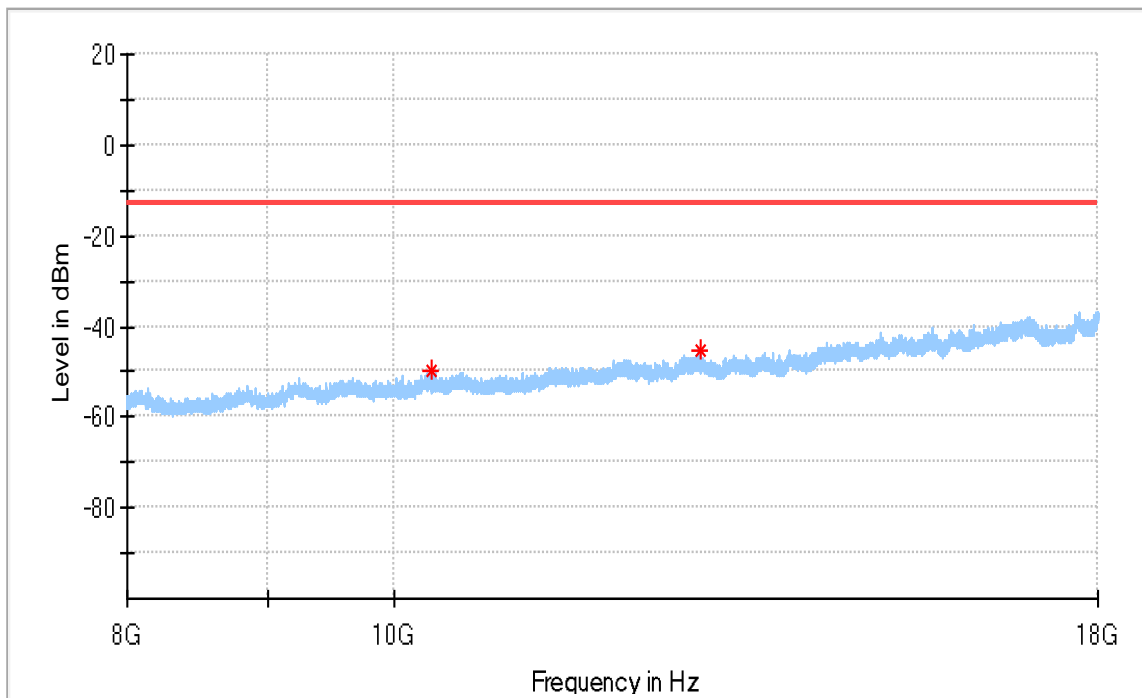


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1561.500000	-33.99	-13.00	20.99	100.0	V	332.0	-93.0
1710.000000	-21.09	-13.00	8.09	100.0	V	267.0	-91.9
3420.000000	-42.61	-13.00	29.61	100.0	V	12.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Low Channel
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

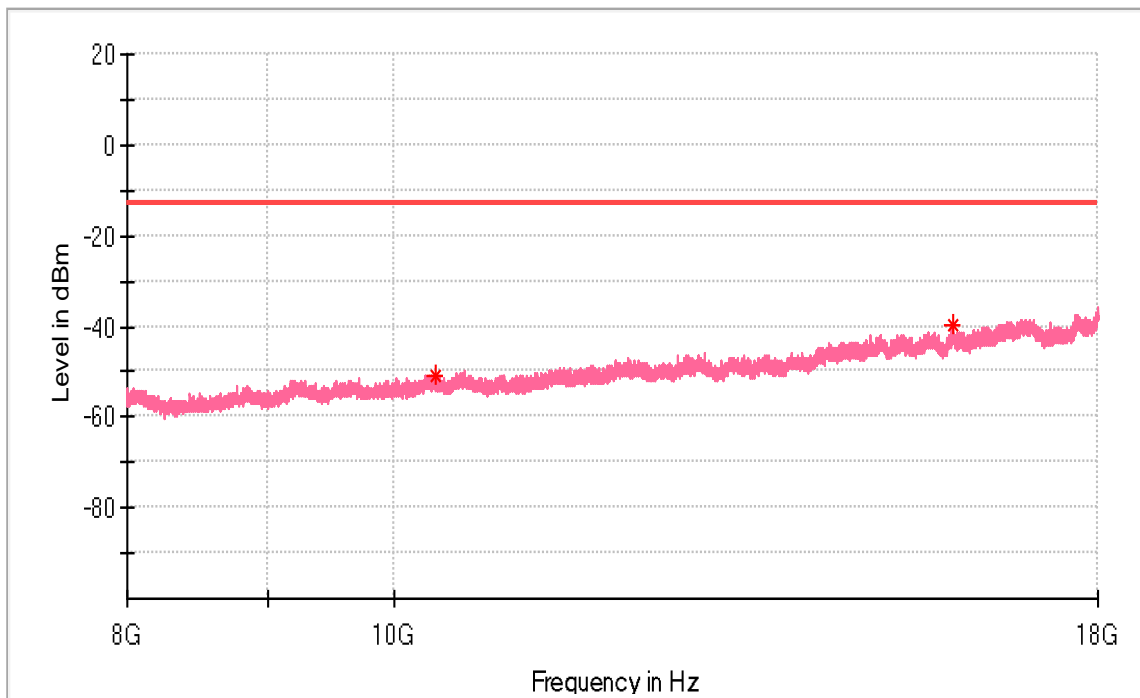


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10323.000000	-49.83	-13.00	36.83	100.0	H	296.0	-83.3
12924.000000	-45.29	-13.00	32.29	100.0	H	353.0	-78.6

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Low Channel
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

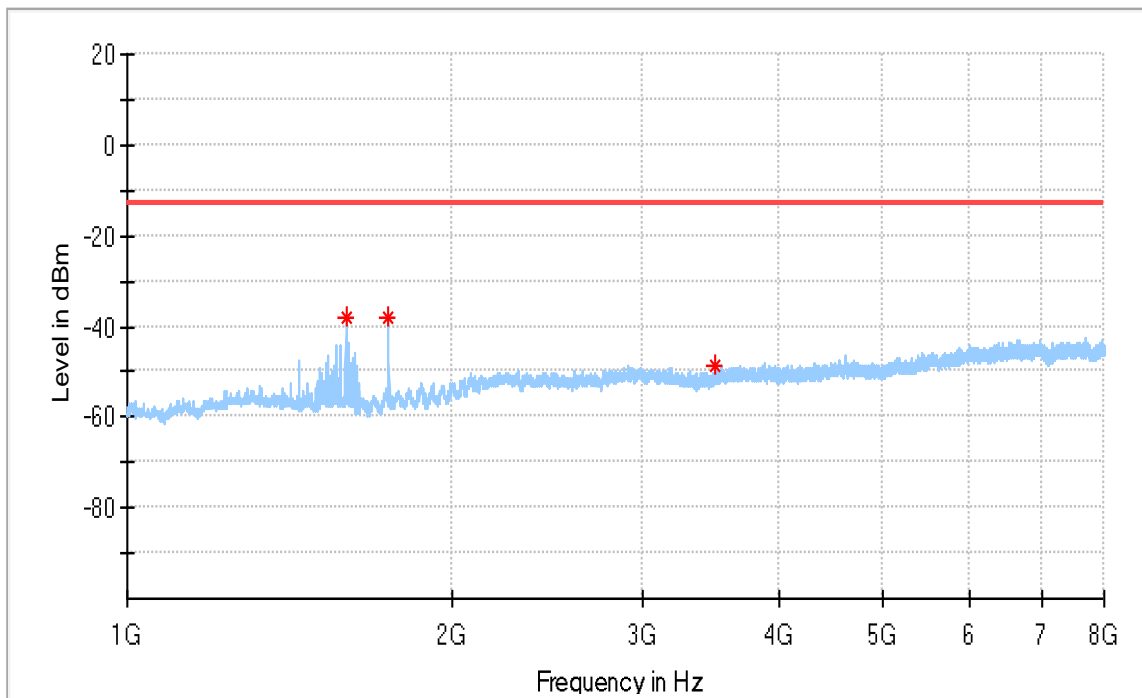


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10357.000000	-50.90	-13.00	37.90	100.0	V	127.0	-82.9
15945.500000	-39.53	-13.00	26.53	100.0	V	203.0	-76.5

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Mid Channel
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

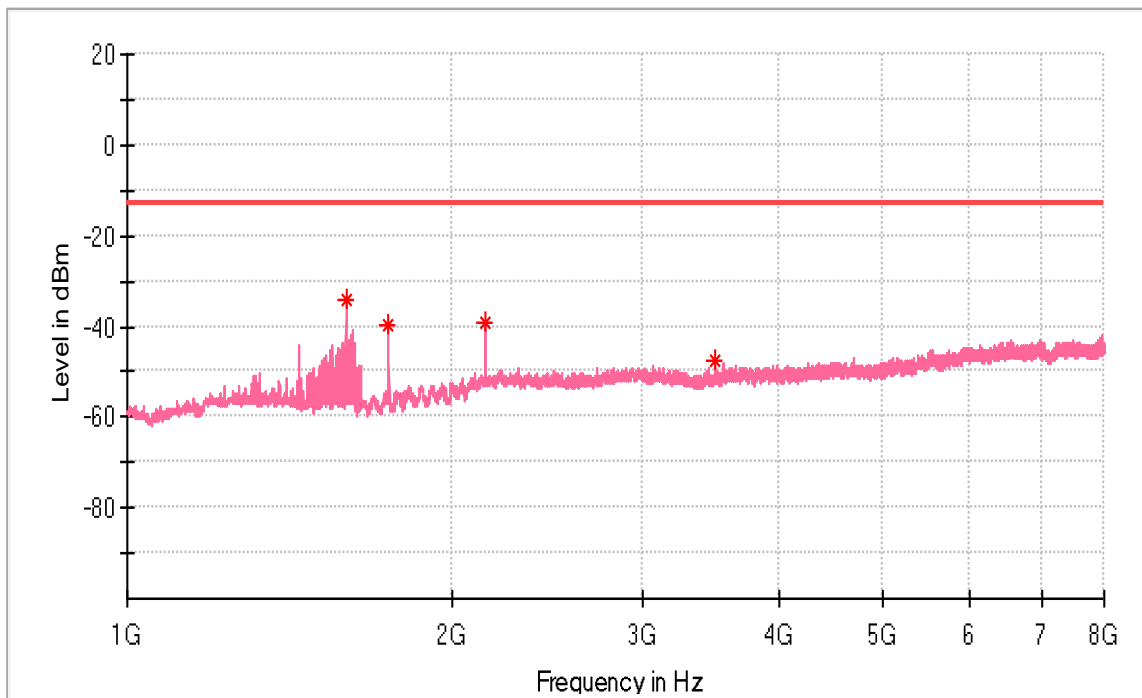


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1593.000000	-38.20	-13.00	25.20	100.0	H	336.0	-92.7
1744.500000	-38.23	-13.00	25.23	100.0	H	66.0	-91.5
3488.500000	-48.69	-13.00	35.69	100.0	H	311.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Mid Channel
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

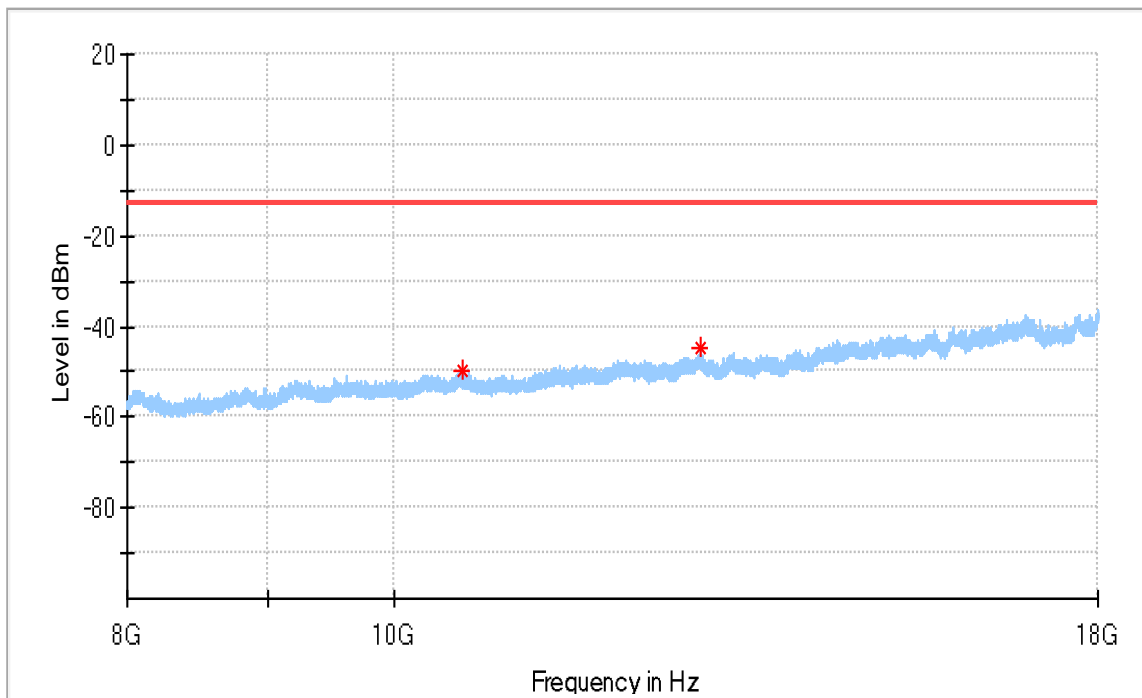


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1592.500000	-34.04	-13.00	21.04	100.0	V	1.0	-92.9
1744.500000	-39.96	-13.00	26.96	100.0	V	82.0	-91.6
2145.500000	-39.04	-13.00	26.04	100.0	V	225.0	-88.0
3489.000000	-47.37	-13.00	34.37	100.0	V	341.0	-87.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Mid Channel
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

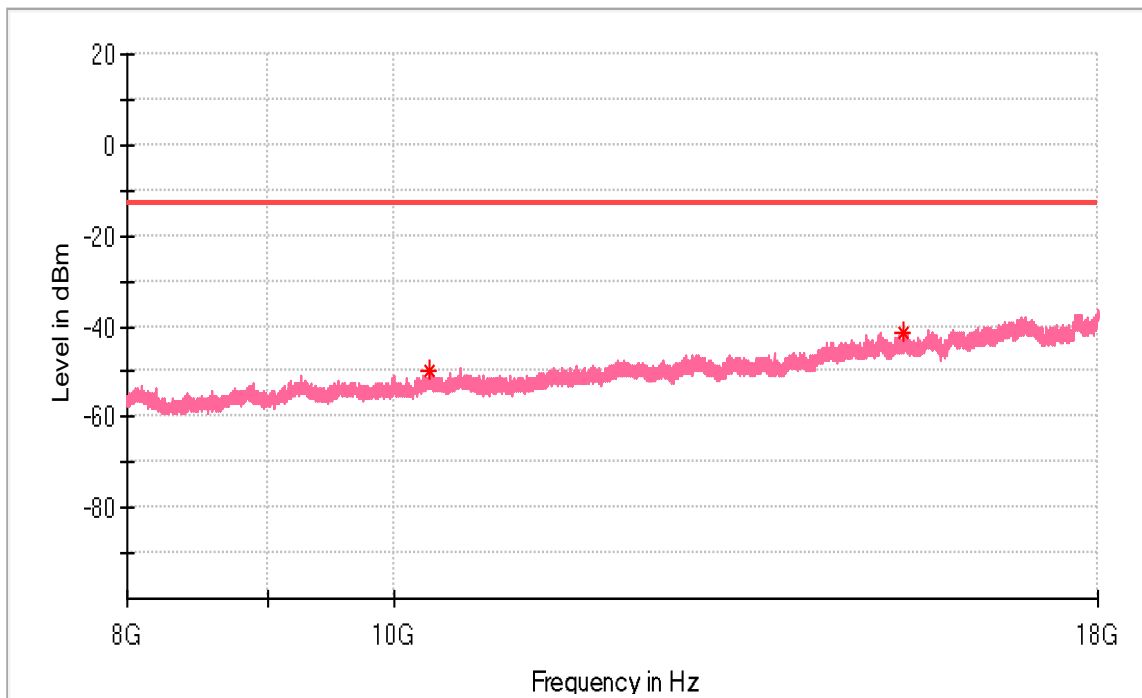


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10584.000000	-49.70	-13.00	36.70	100.0	H	114.0	-82.7
12907.000000	-44.84	-13.00	31.84	100.0	H	87.0	-78.4

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_Mid Channel
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

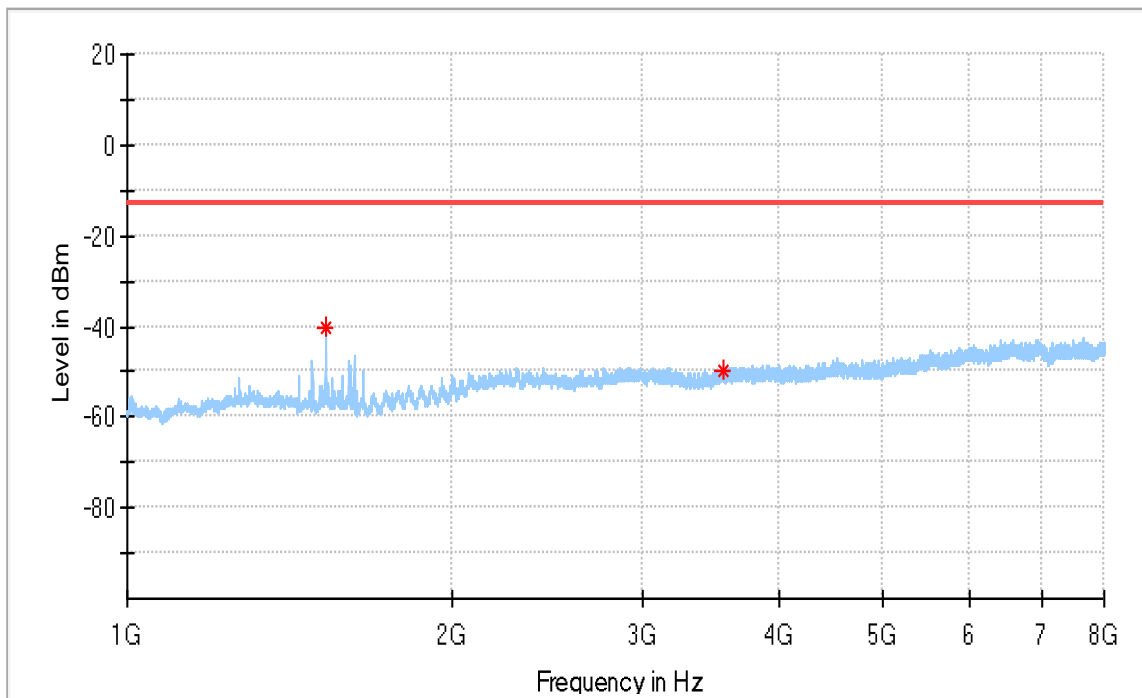


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10293.500000	-49.54	-13.00	36.54	100.0	V	339.0	-83.5
15302.500000	-41.34	-13.00	28.34	100.0	V	76.0	-77.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_High Channel
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

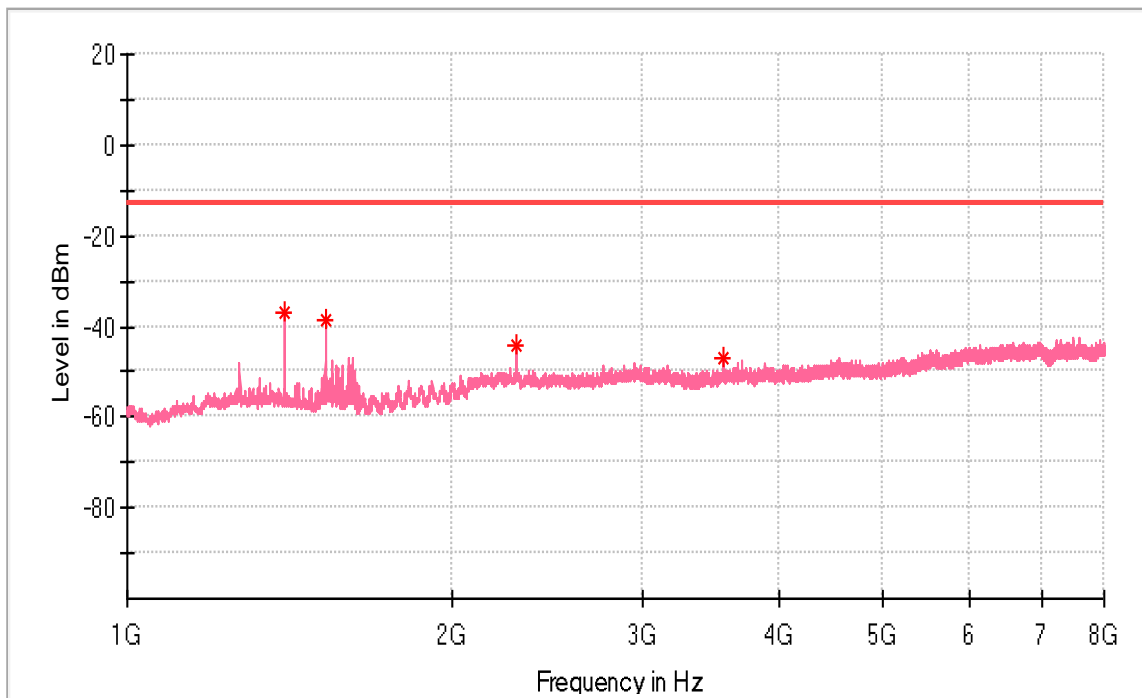


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1524.500000	-40.03	-13.00	27.03	100.0	H	120.0	-92.9
3552.500000	-49.61	-13.00	36.61	100.0	H	0.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_High Channel
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

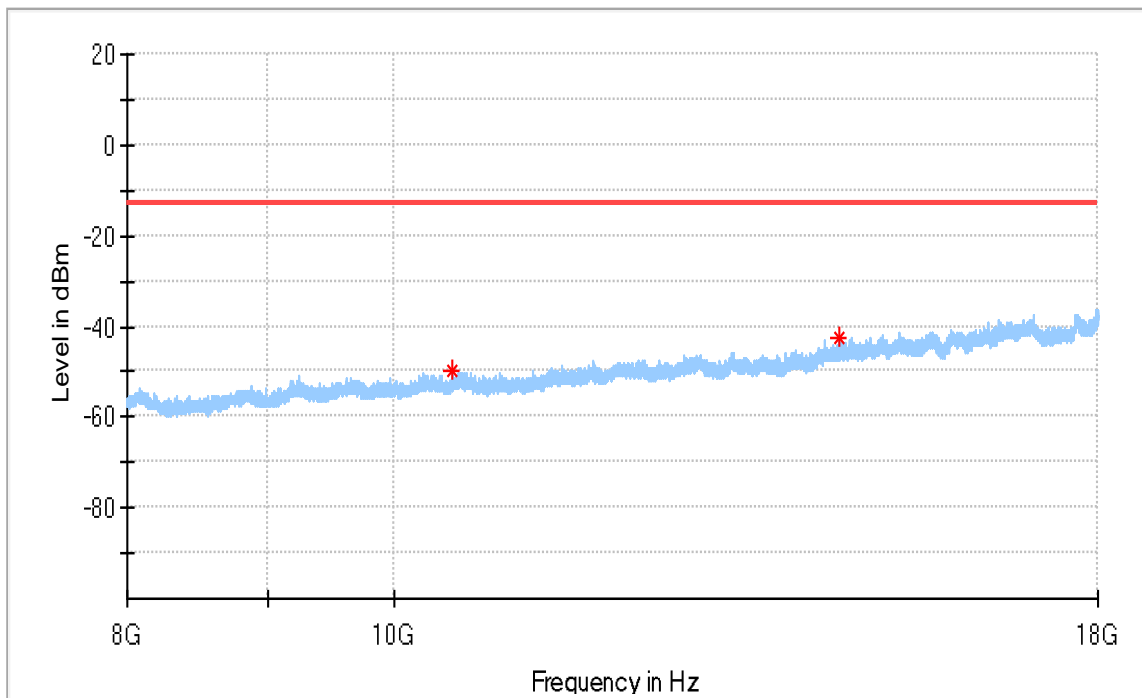


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1397.500000	-37.16	-13.00	24.16	100.0	V	139.0	-92.9
1524.500000	-38.76	-13.00	25.76	100.0	V	317.0	-93.5
2287.500000	-44.15	-13.00	31.15	100.0	V	52.0	-87.4
3557.500000	-46.79	-13.00	33.79	100.0	V	6.0	-87.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_High Channel
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

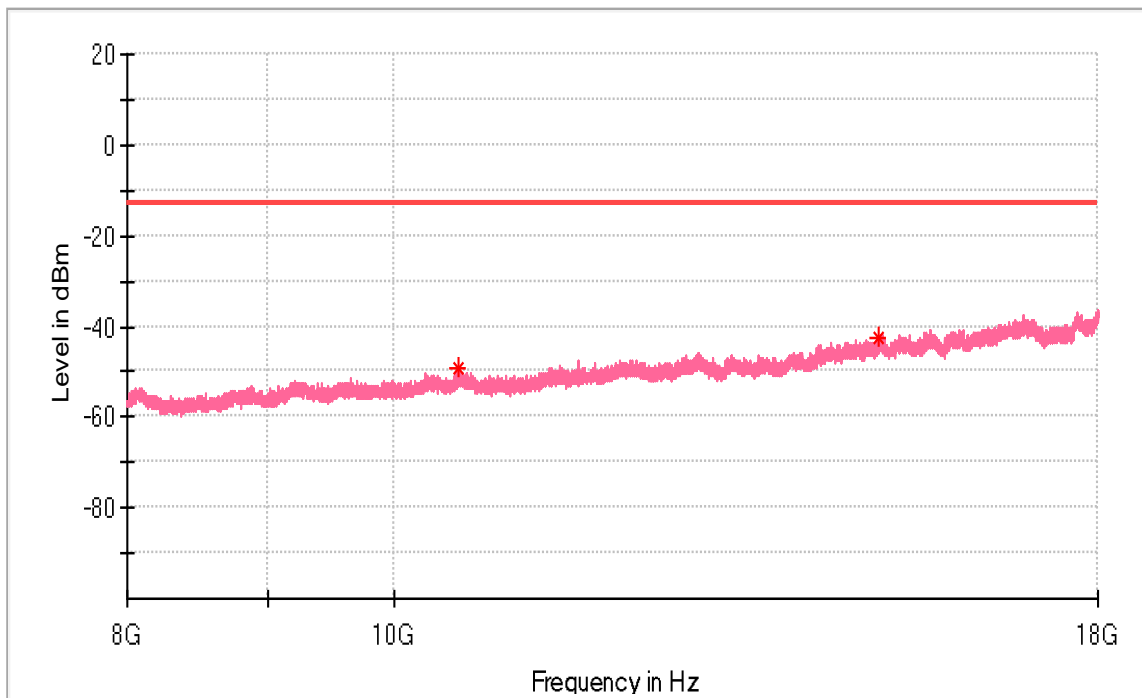


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10491.000000	-49.97	-13.00	36.97	100.0	H	115.0	-82.9
14493.000000	-42.75	-13.00	29.75	100.0	H	45.0	-77.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B66_1.4M_QPSK_1@0_High Channel
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

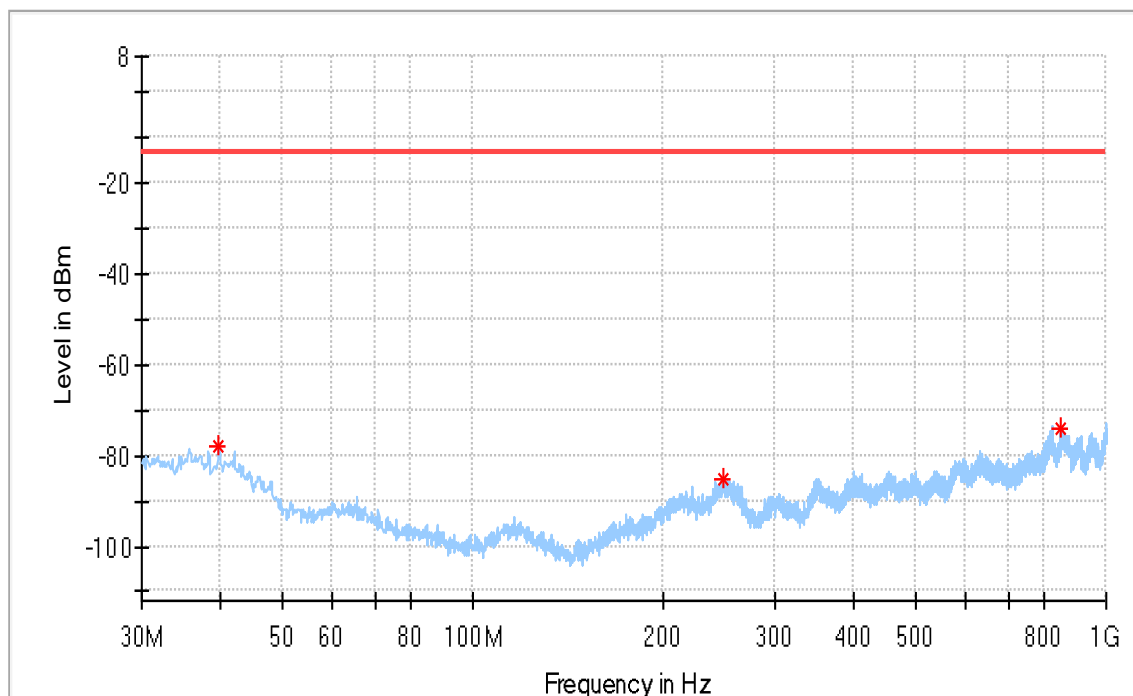
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10548.500000	-49.32	-13.00	36.32	100.0	V	304.0	-82.3
14986.000000	-42.67	-13.00	29.67	100.0	V	87.0	-77.4

APPENDIX J.9: FIELD STRENGTH OF SPURIOUS RADIATION, CAT-M BAND 85

Below 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_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

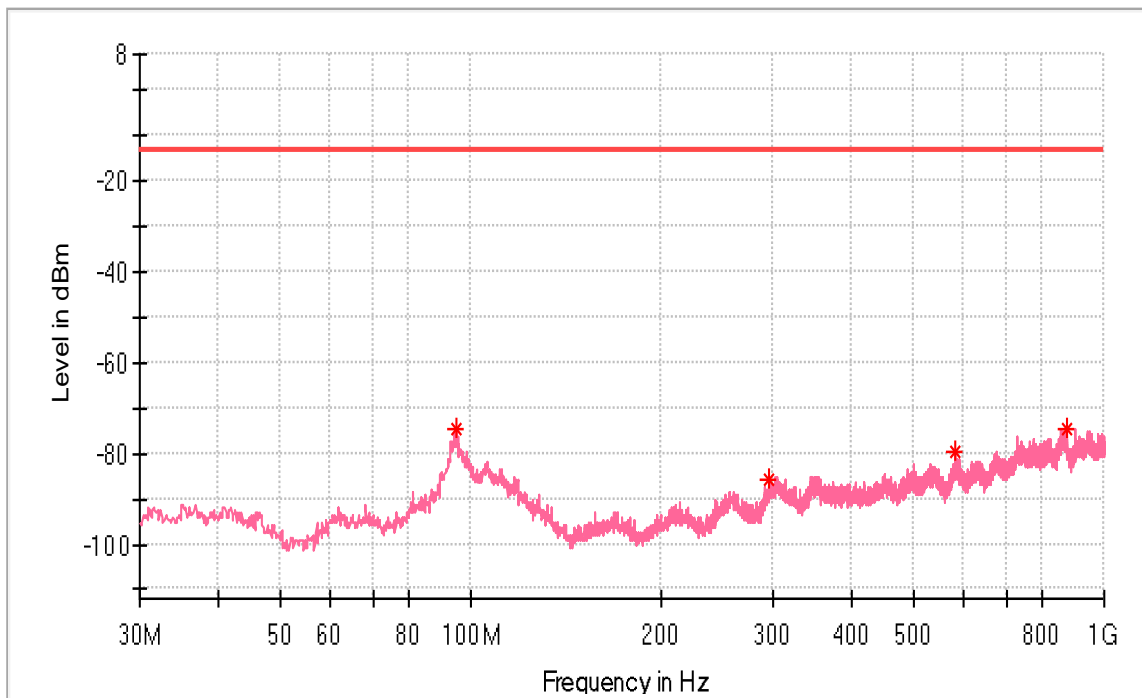


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.700000	-78.06	-13.00	65.06	100.0	H	128.0	-113.8
249.341250	-84.95	-13.00	71.95	100.0	H	0.0	-110.0
850.013750	-74.00	-13.00	61.00	100.0	H	174.0	-99.0

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_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



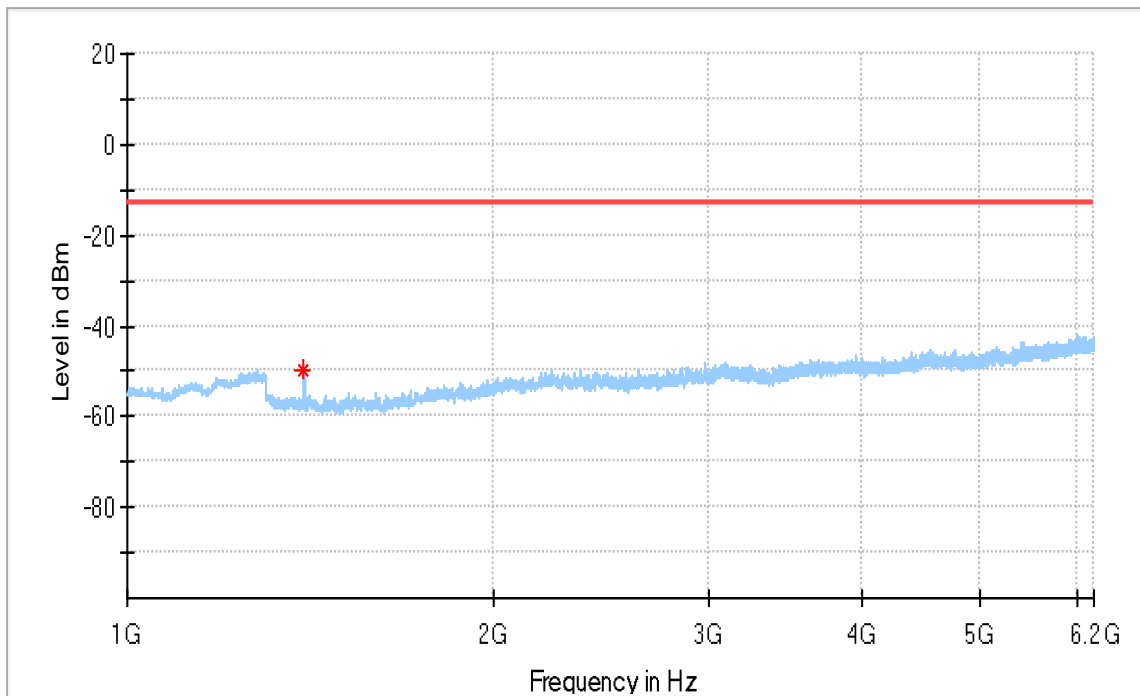
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-74.80	-13.00	61.80	100.0	V	29.0	-99.8
295.658750	-86.04	-13.00	73.04	100.0	V	0.0	-111.8
580.353750	-79.64	-13.00	66.64	100.0	V	59.0	-106.5
870.383750	-74.33	-13.00	61.33	100.0	V	159.0	-100.1

Above 1 GHz

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Low Channel
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

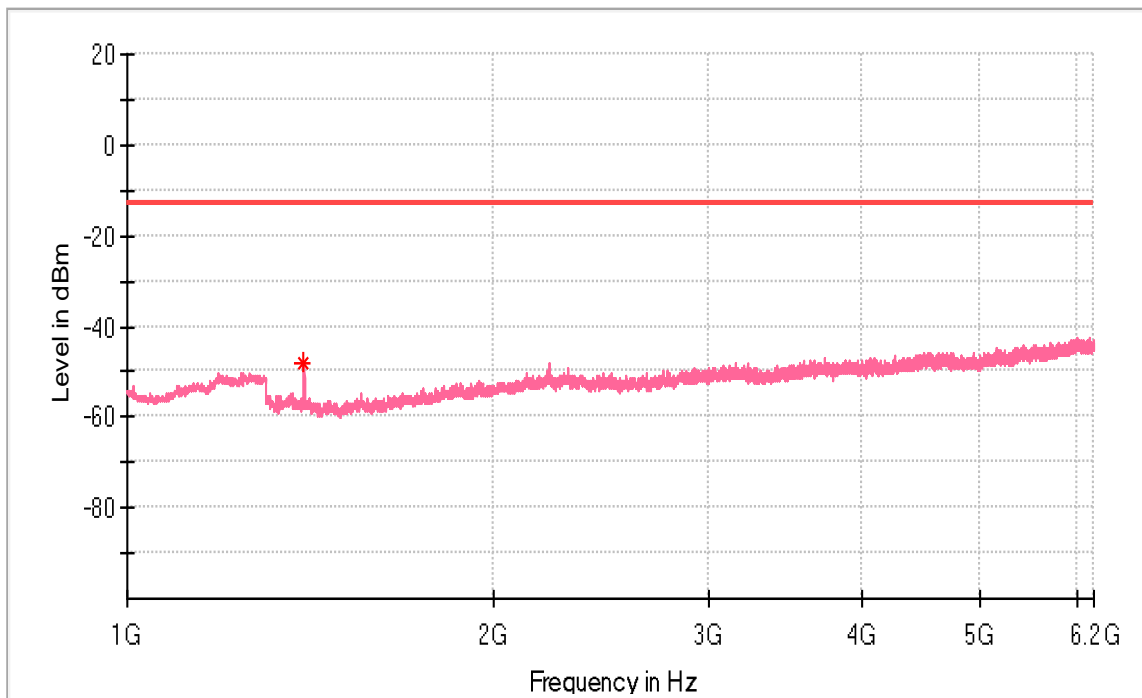


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-49.99	-13.00	36.99	100.0	H	125.0	-93.1

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Low Channel
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

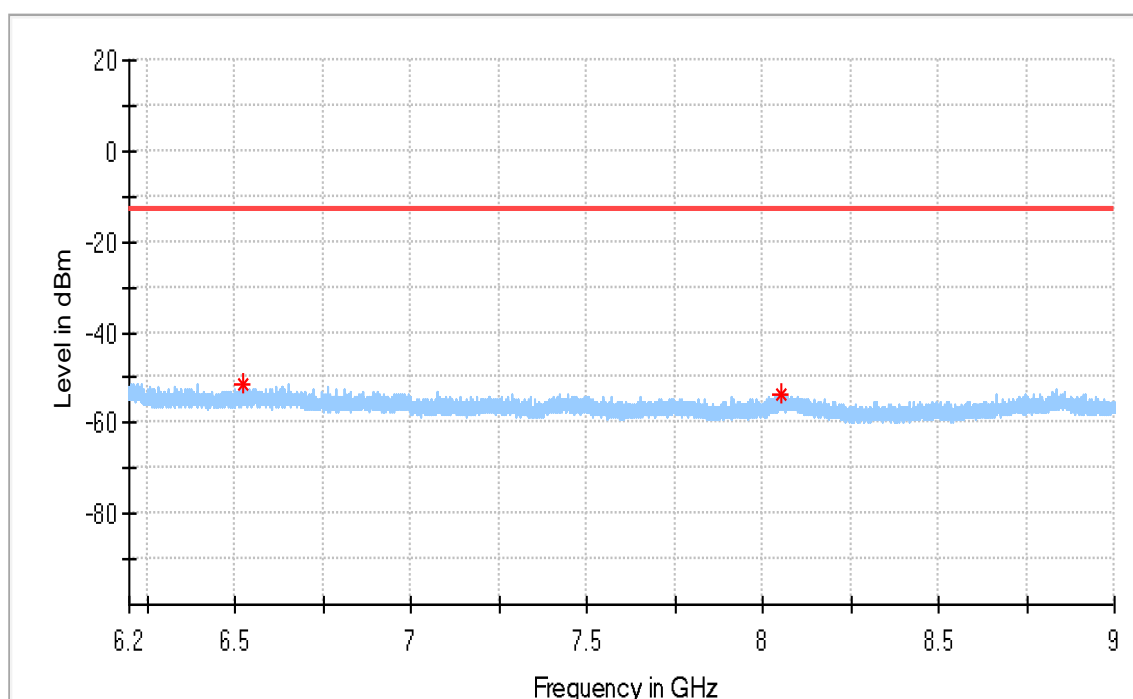


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-48.17	-13.00	35.17	100.0	V	313.0	-92.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Low Channel
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

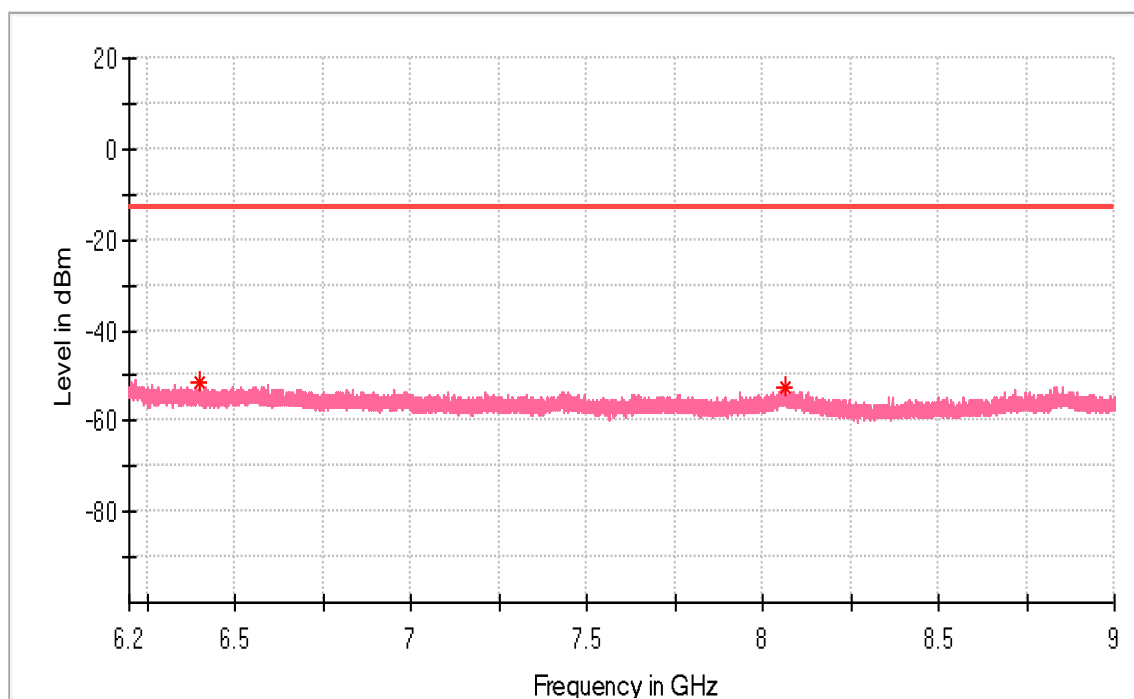


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6524.916667	-51.43	-13.00	38.43	100.0	H	33.0	-87.5
8052.666667	-53.48	-13.00	40.48	100.0	H	288.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Low Channel
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

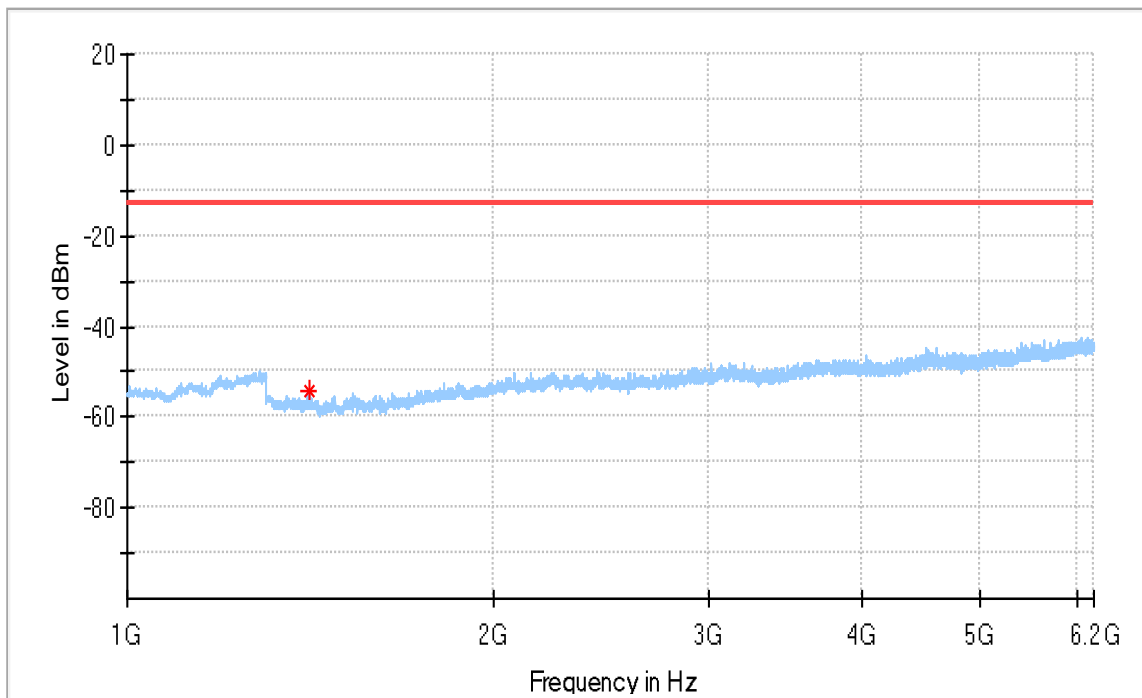


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6402.883333	-51.20	-13.00	38.20	100.0	V	357.0	-87.8
8066.783333	-52.57	-13.00	39.57	100.0	V	60.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Mid Channel
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

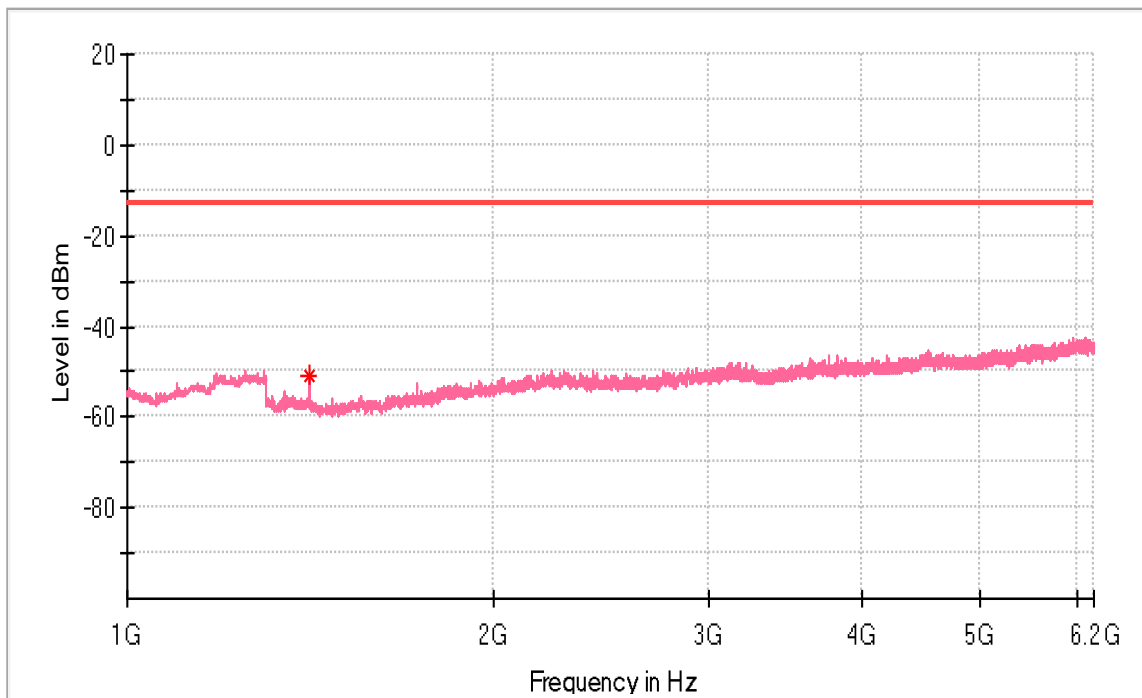


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-54.51	-13.00	41.51	100.0	H	268.0	-92.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Mid Channel
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

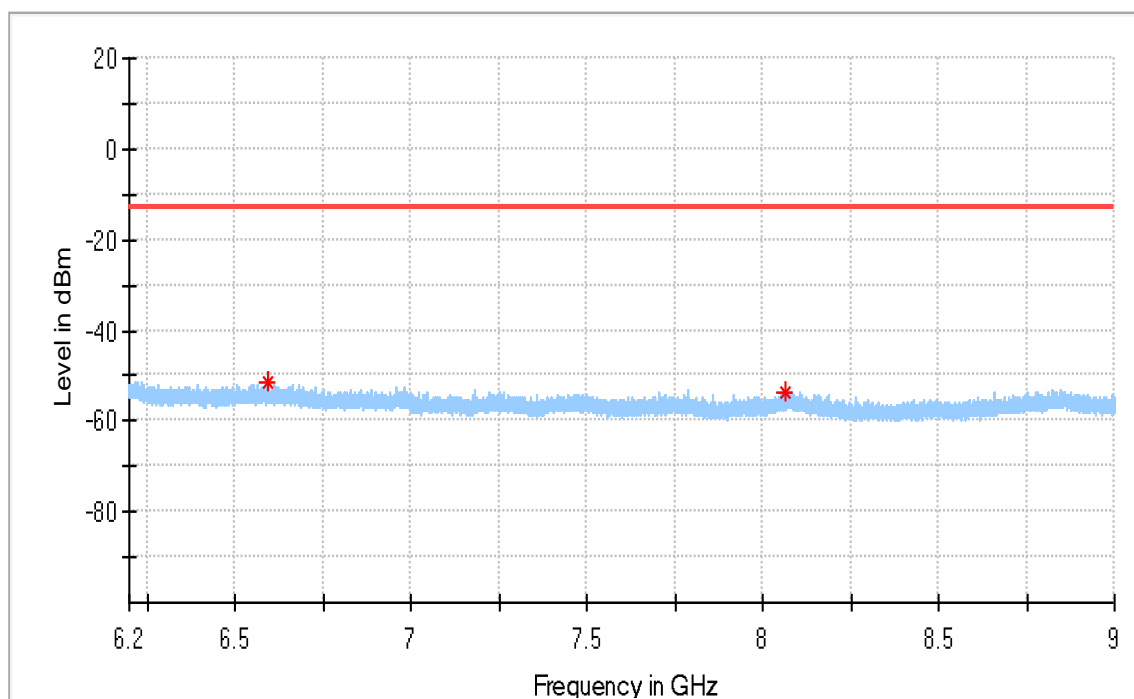


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1409.500000	-50.64	-13.00	37.64	100.0	V	202.0	-92.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Mid Channel
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

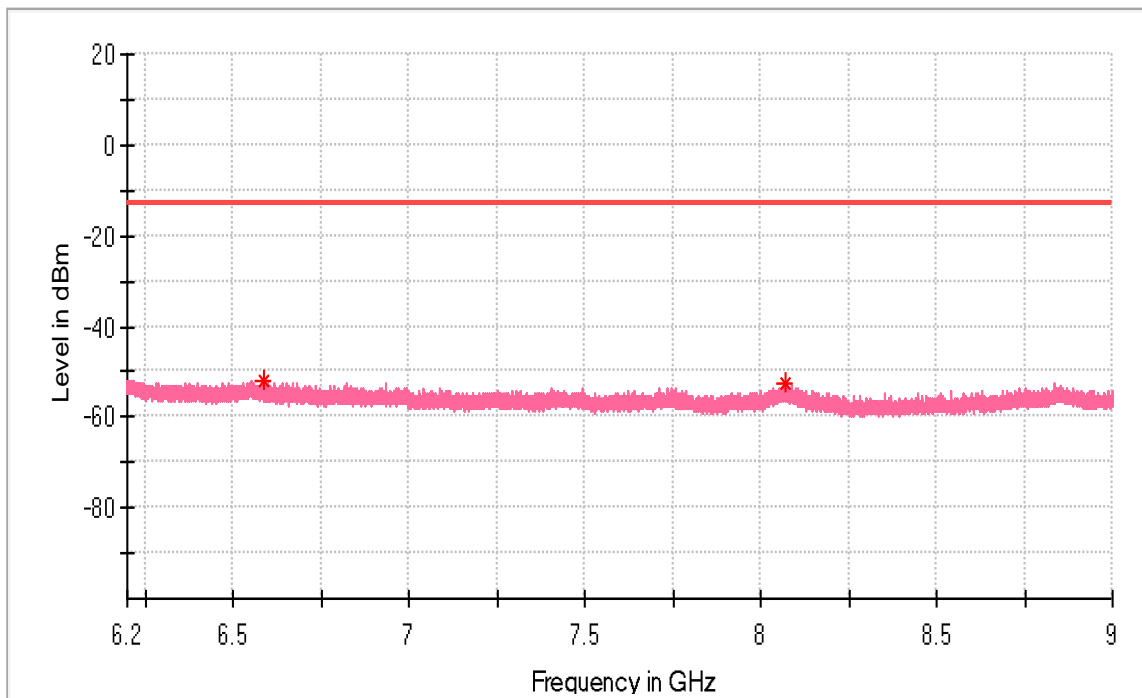


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6596.316667	-51.68	-13.00	38.68	100.0	H	222.0	-87.7
8063.283333	-53.70	-13.00	40.70	100.0	H	81.0	-86.8

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_Mid Channel
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

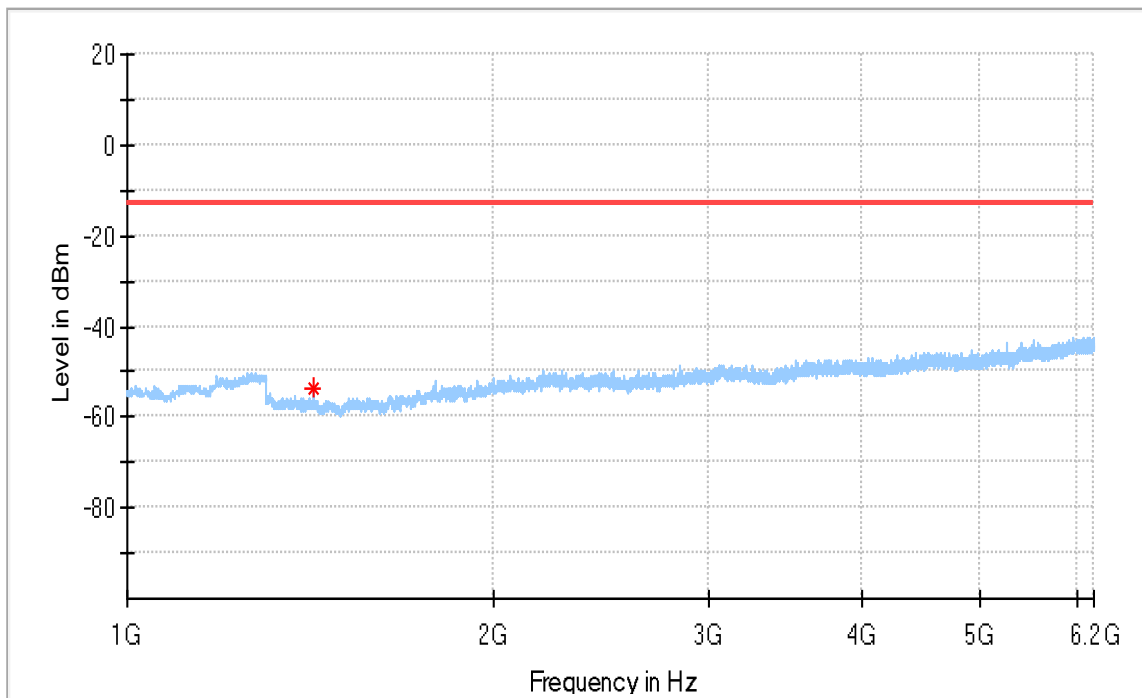


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6587.683333	-51.74	-13.00	38.74	100.0	V	81.0	-87.8
8073.200000	-52.59	-13.00	39.59	100.0	V	89.0	-86.7

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_High Channel
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

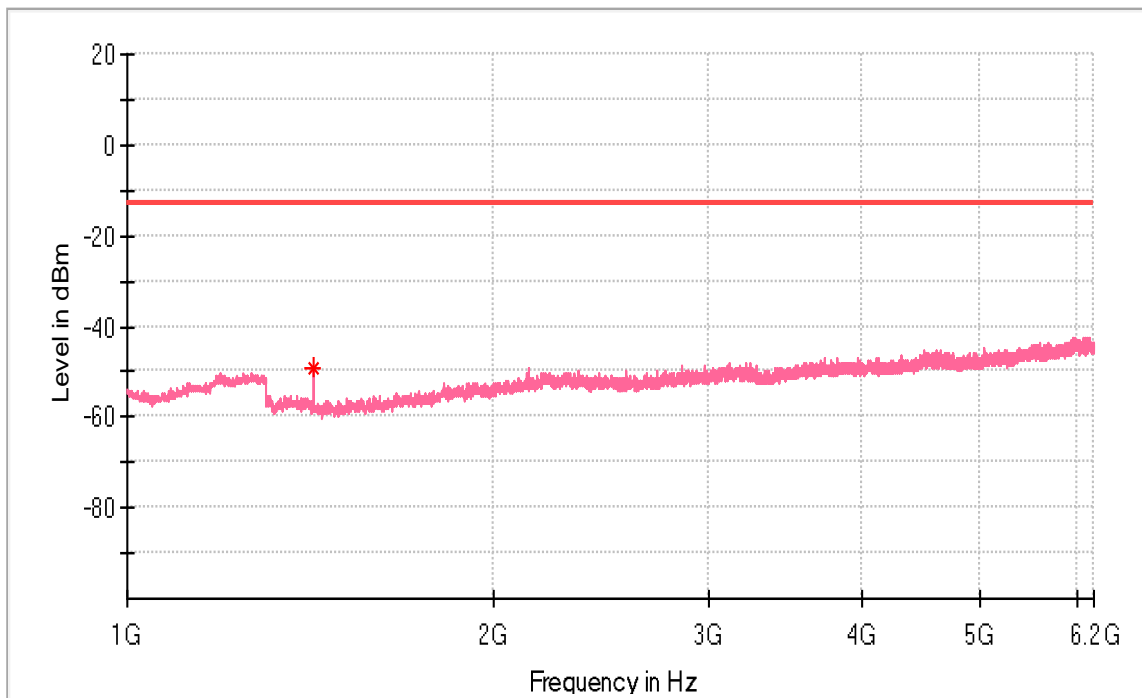


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1422.500000	-53.69	-13.00	40.69	100.0	H	280.0	-92.9

EUT Information

EUT Name: Data Terminal Module
Model: ML865G1-WW
Test Mode: B85_5M_QPSK_1@0_High Channel
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

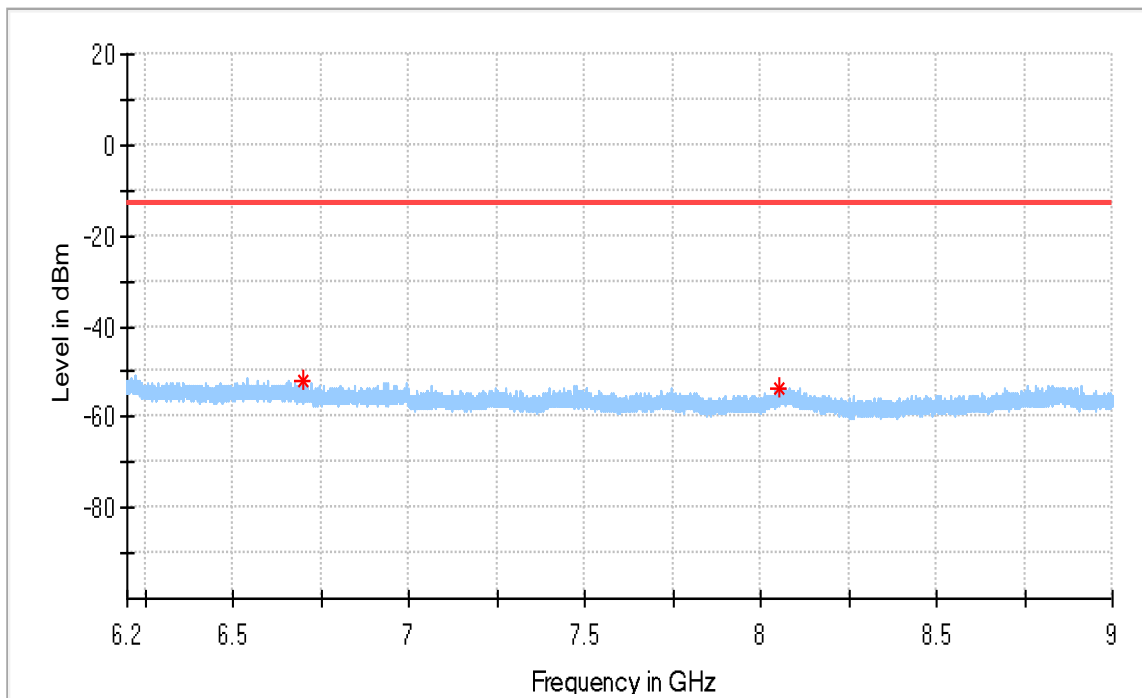


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1423.000000	-49.49	-13.00	36.49	100.0	V	8.0	-93.2

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_High Channel
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

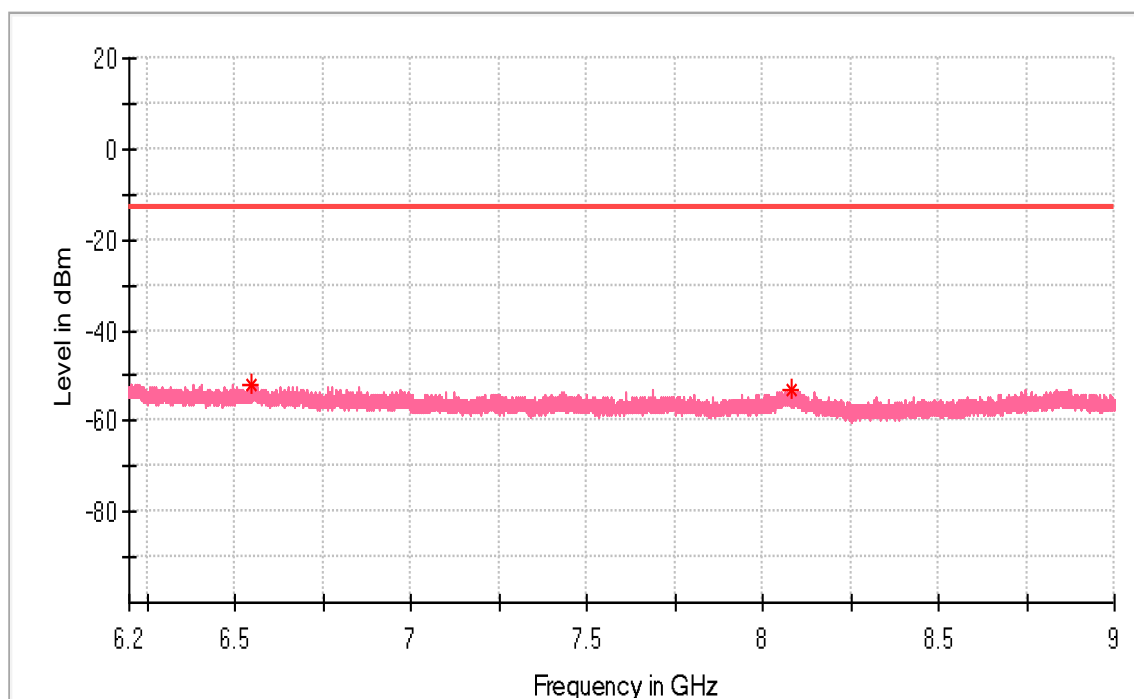


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6701.083333	-51.99	-13.00	38.99	100.0	H	294.0	-88.0
8054.300000	-53.58	-13.00	40.58	100.0	H	103.0	-86.9

EUT Information

EUT Name:	Data Terminal Module
Model:	ML865G1-WW
Test Mode:	B85_5M_QPSK_1@0_High Channel
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)
6545.683333	-52.11	-13.00	39.11	100.0	V	278.0	-87.3
8084.633333	-53.00	-13.00	40.00	100.0	V	233.0	-86.7

