

Appendix B: Test Results of Field Strength of Spurious Radiation for NB-IoT operation

APPENDIX B: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION FOR NB-IoT OPERATION 1

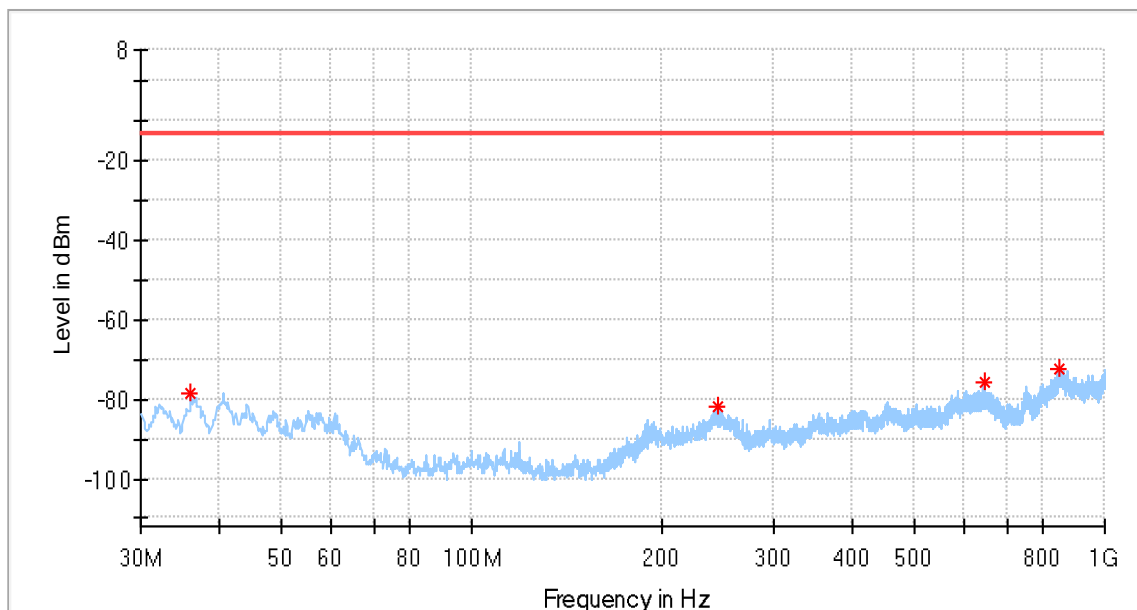
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3.75 kHz configuration	10
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Appendix B.1: Field Strength of Spurious Radiation

Below 1 GHz
3.75 kHz configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

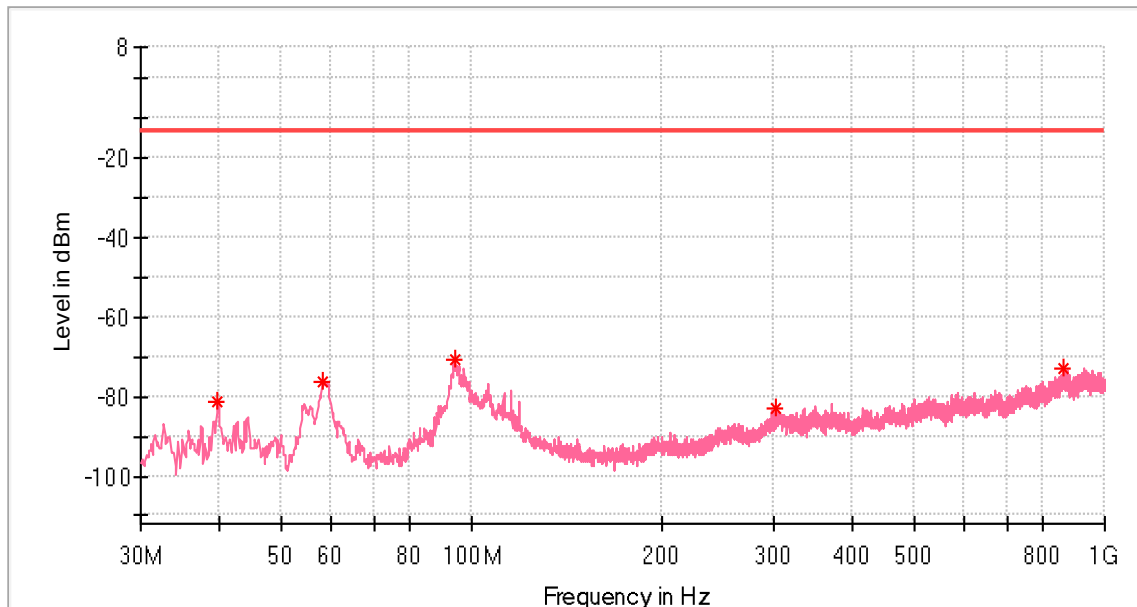
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-78.53	---	-13.00	65.53	100.0	H	358.0	-113.5
244.491250	-81.67	---	-13.00	68.67	100.0	H	262.0	-110.0
645.828750	-75.69	---	-13.00	62.69	100.0	H	286.0	-104.4
848.680000	-72.32	---	-13.00	59.32	100.0	H	278.0	-99.1

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

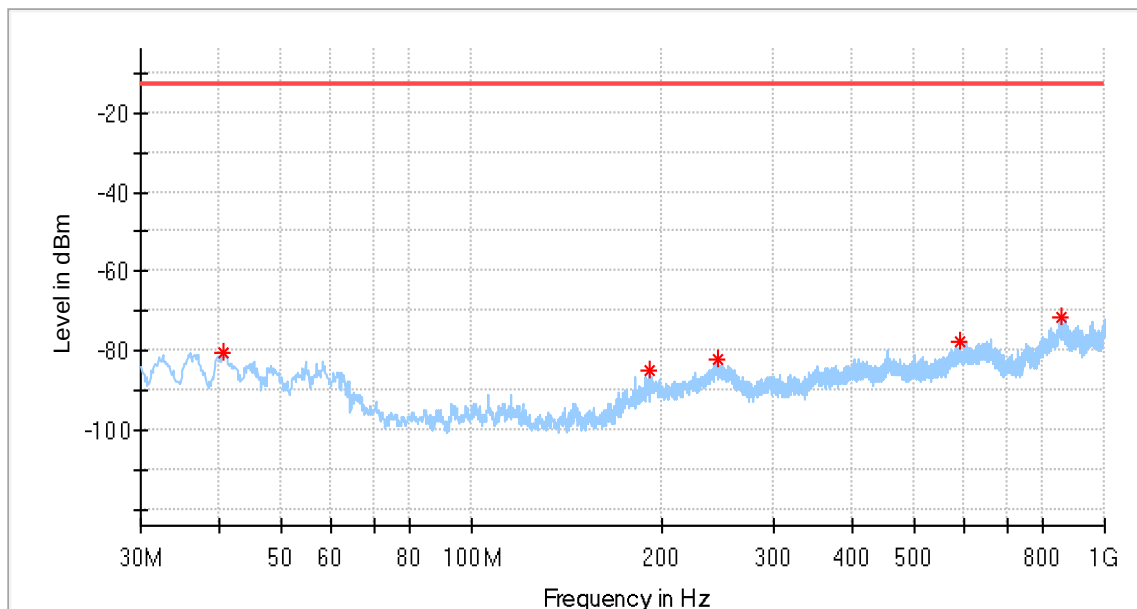
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.700000	-81.47	---	-13.00	68.47	100.0	V	131.0	-125.4
58.130000	-76.20	---	-13.00	63.20	100.0	V	108.0	-121.3
94.020000	-70.44	---	-13.00	57.44	100.0	V	30.0	-100.0
303.176250	-83.15	---	-13.00	70.15	100.0	V	8.0	-111.0
861.290000	-73.19	---	-13.00	60.19	100.0	V	213.0	-99.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

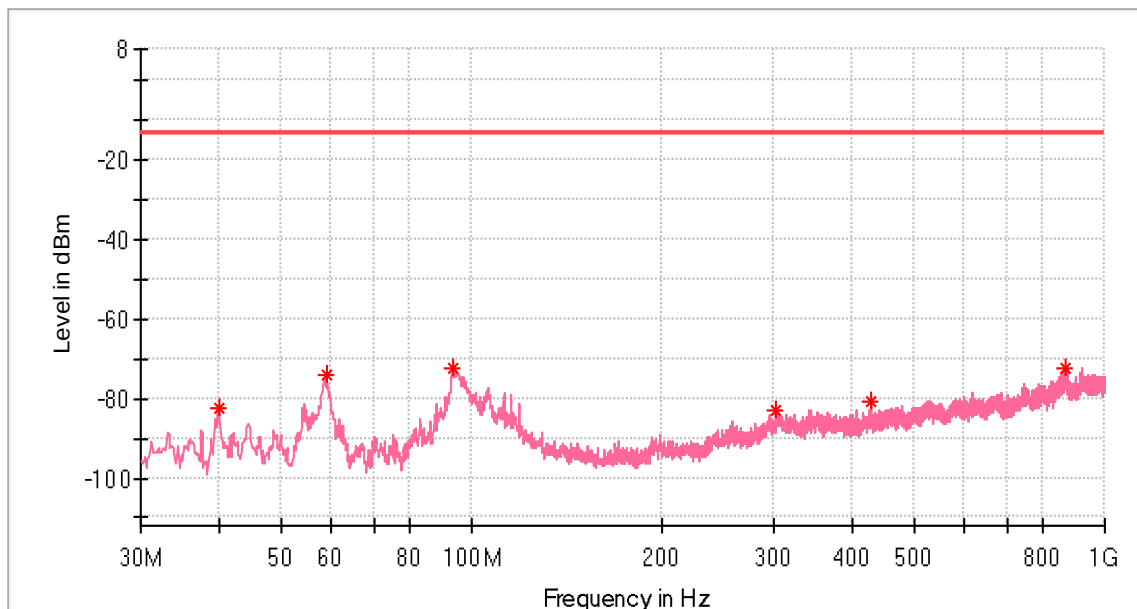
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.670000	-80.70	---	-13.00	67.70	100.0	H	266.0	-112.7
190.777500	-85.08	---	-13.00	72.08	100.0	H	287.0	-115.9
244.370000	-82.26	---	-13.00	69.26	100.0	H	342.0	-110.0
591.266250	-77.77	---	-13.00	64.77	100.0	H	46.0	-105.7
852.560000	-71.47	---	-13.00	58.47	100.0	H	159.0	-99.1

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.821250	-82.19	---	-13.00	69.19	100.0	V	318.0	-125.2
59.100000	-74.30	---	-13.00	61.30	100.0	V	42.0	-120.7
93.171250	-72.11	---	-13.00	59.11	100.0	V	124.0	-101.8
302.691250	-83.09	---	-13.00	70.09	100.0	V	318.0	-111.0
427.215000	-80.88	---	-13.00	67.88	100.0	V	311.0	-110.8
864.078750	-72.29	---	-13.00	59.29	100.0	V	192.0	-99.6

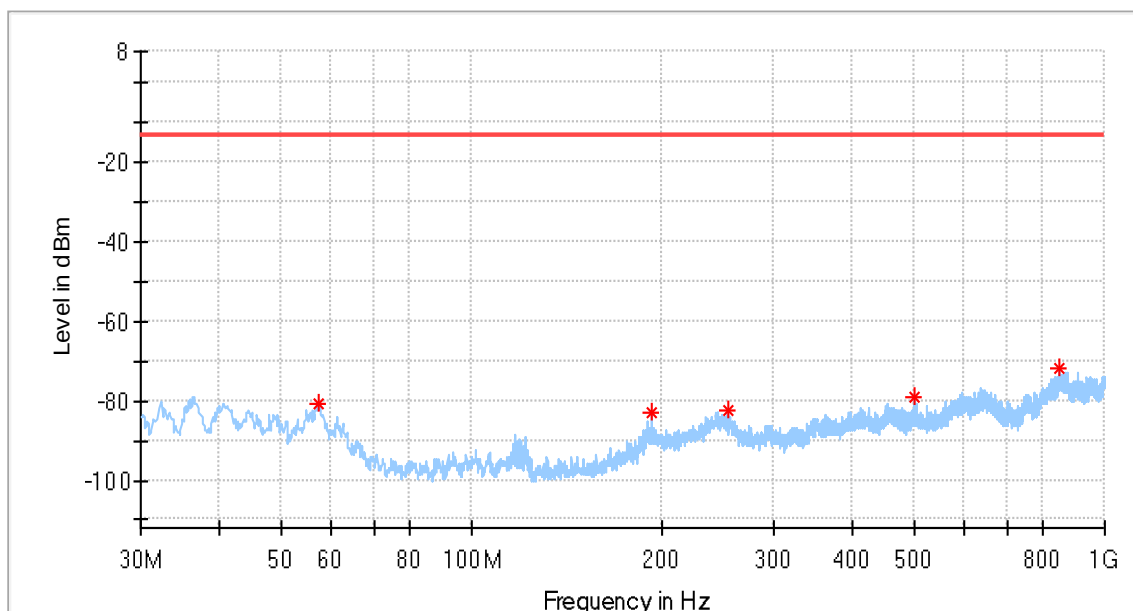
Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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15 kHz configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

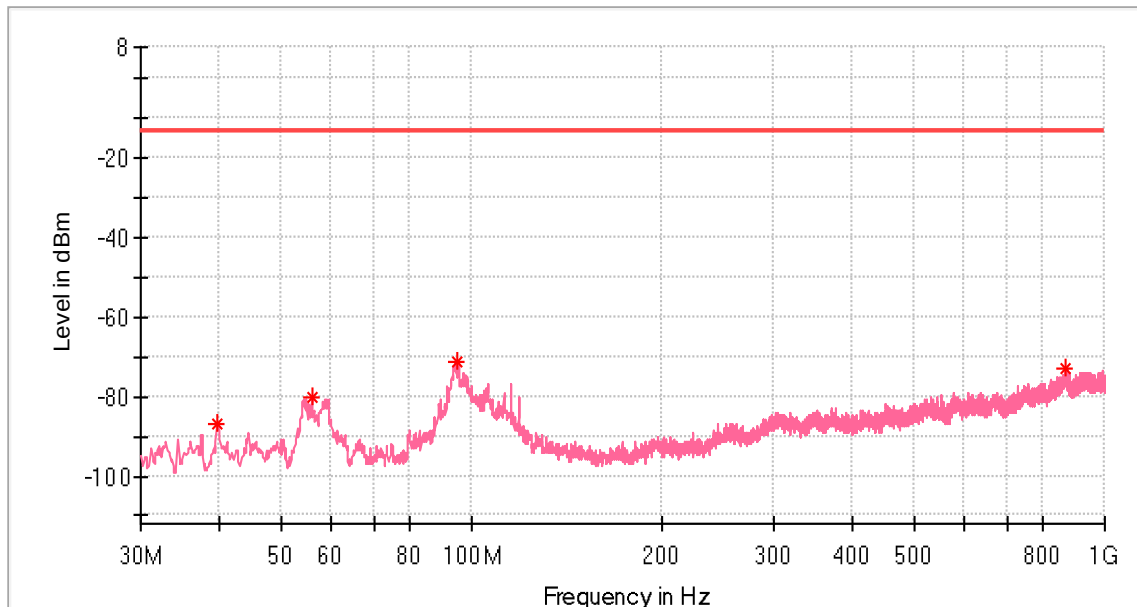
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
57.281250	-80.48	---	-13.00	67.48	100.0	H	221.0	-117.0
191.990000	-83.22	---	-13.00	70.22	100.0	H	291.0	-115.7
253.342500	-82.68	---	-13.00	69.68	100.0	H	244.0	-110.6
499.237500	-79.12	---	-13.00	66.12	100.0	H	359.0	-109.7
849.771250	-71.94	---	-13.00	58.94	100.0	H	165.0	-99.0

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

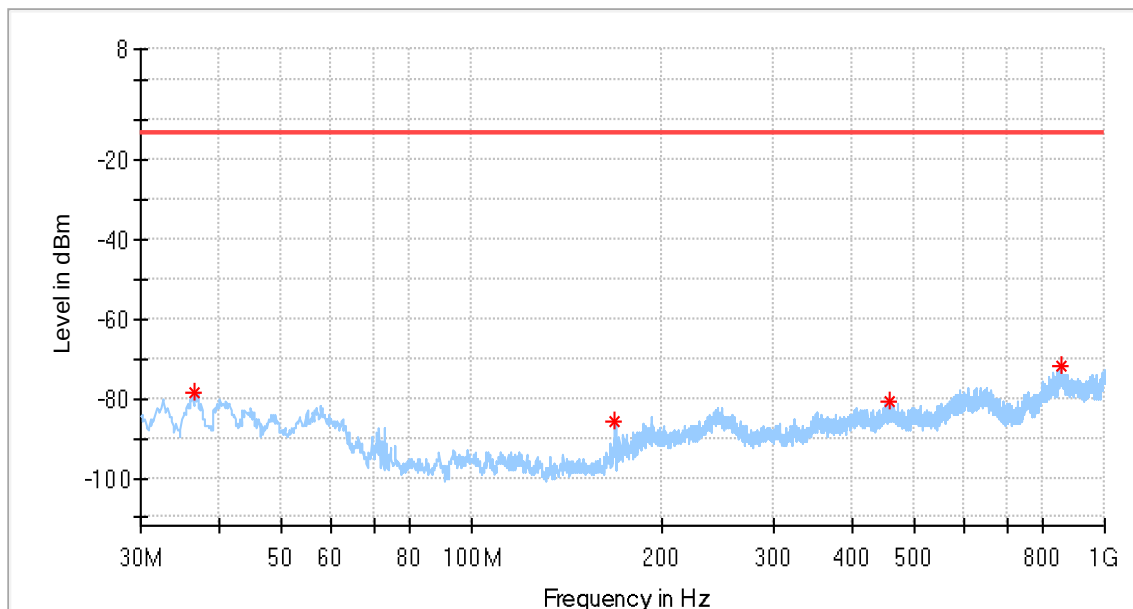
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.578750	-87.08	---	-13.00	74.08	100.0	V	319.0	-125.6
55.947500	-80.45	---	-13.00	67.45	100.0	V	240.0	-122.8
95.111250	-71.35	---	-13.00	58.35	100.0	V	350.0	-99.8
866.988750	-73.10	---	-13.00	60.10	100.0	V	202.0	-99.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

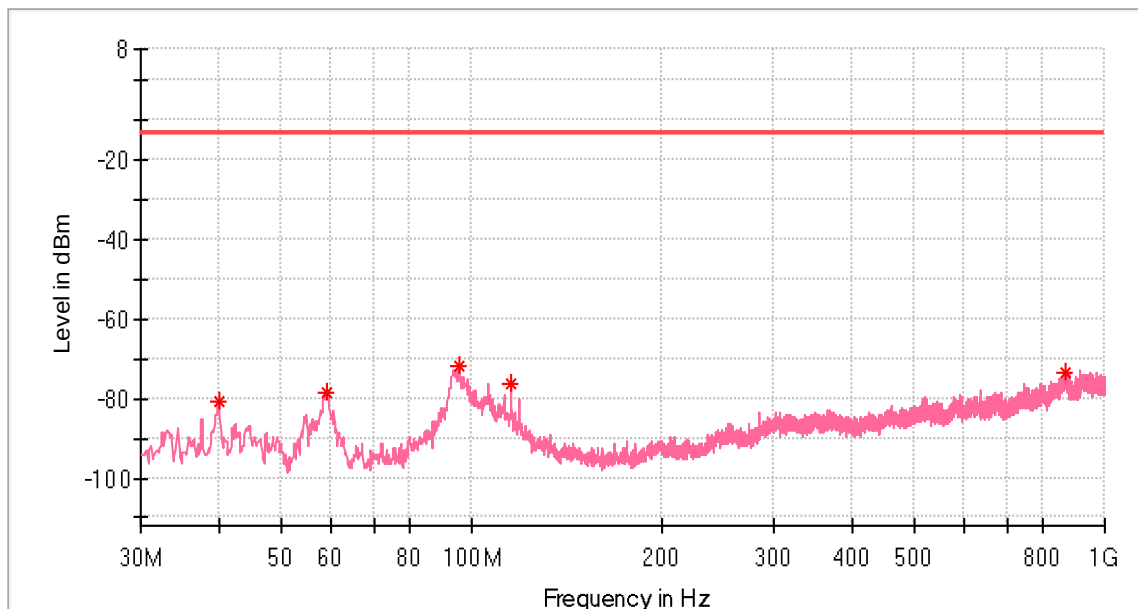
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.547500	-78.56	---	-13.00	65.56	100.0	H	89.0	-113.3
168.588750	-86.04	---	-13.00	73.04	100.0	H	67.0	-121.8
457.406250	-80.70	---	-13.00	67.70	100.0	H	67.0	-108.5
853.651250	-71.98	---	-13.00	58.98	100.0	H	128.0	-99.2

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.821250	-80.80	---	-13.00	67.80	100.0	V	325.0	-125.2
58.857500	-78.33	---	-13.00	65.33	100.0	V	111.0	-120.8
95.353750	-71.65	---	-13.00	58.65	100.0	V	43.0	-100.2
115.602500	-76.42	---	-13.00	63.42	100.0	V	36.0	-113.3
868.443750	-73.26	---	-13.00	60.26	100.0	V	165.0	-99.8

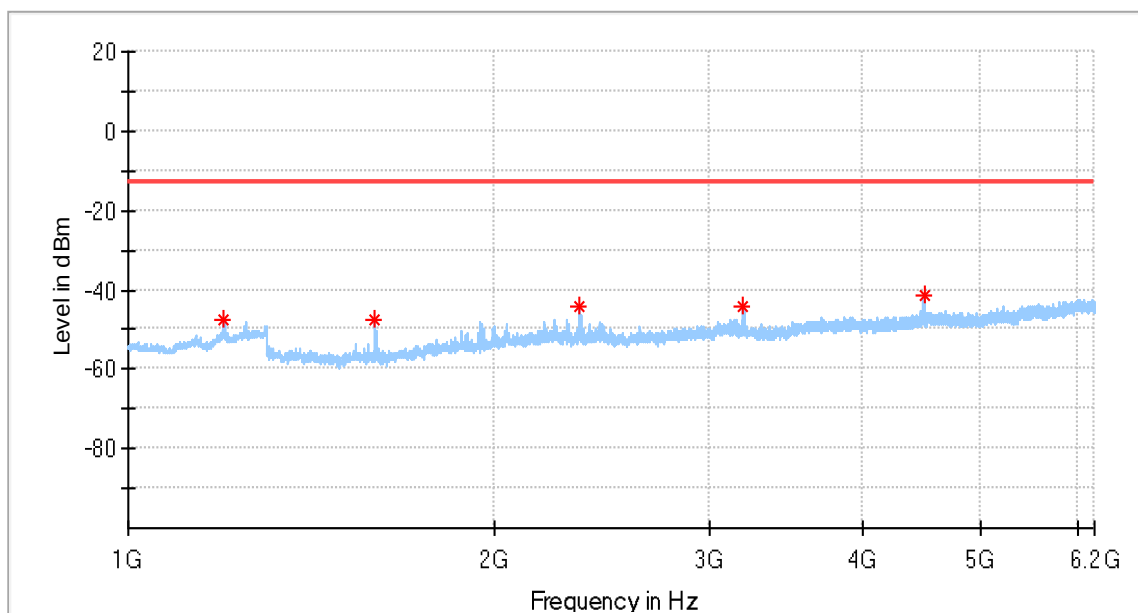
Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

Above 1 GHz
3.75 kHz configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

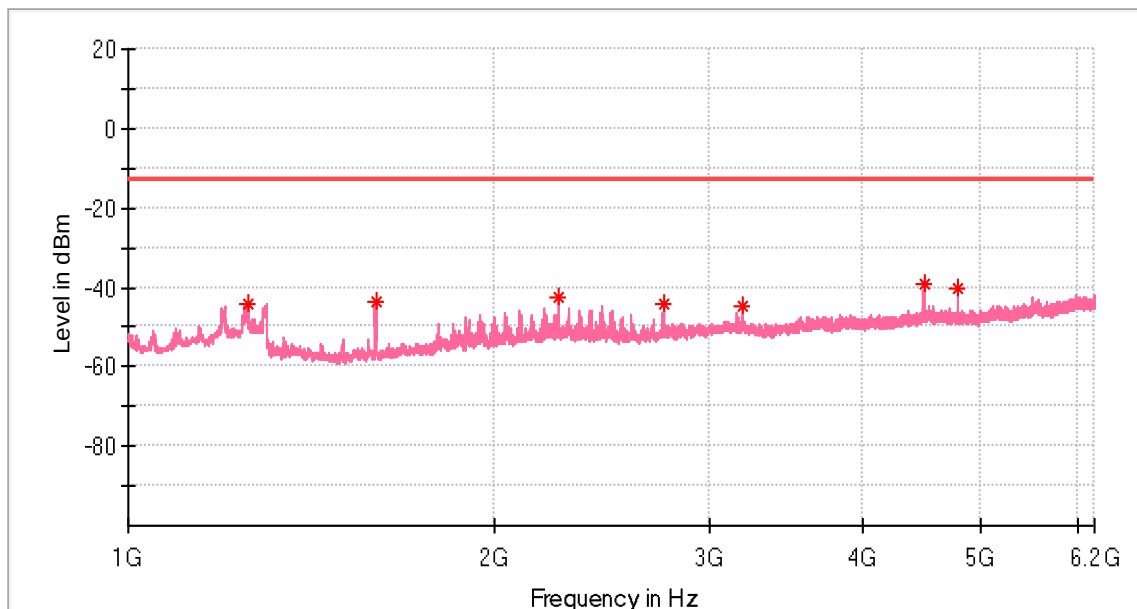
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1198.500000	-47.30	---	-13.00	34.30	100.0	H	191.0	-93.2
1595.000000	-47.40	---	-13.00	34.40	100.0	H	143.0	-92.6
2347.000000	-44.16	---	-13.00	31.16	100.0	H	66.0	-87.5
3195.000000	-44.42	---	-13.00	31.42	100.0	H	181.0	-86.4
4494.000000	-41.34	---	-13.00	28.34	100.0	H	260.0	-83.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

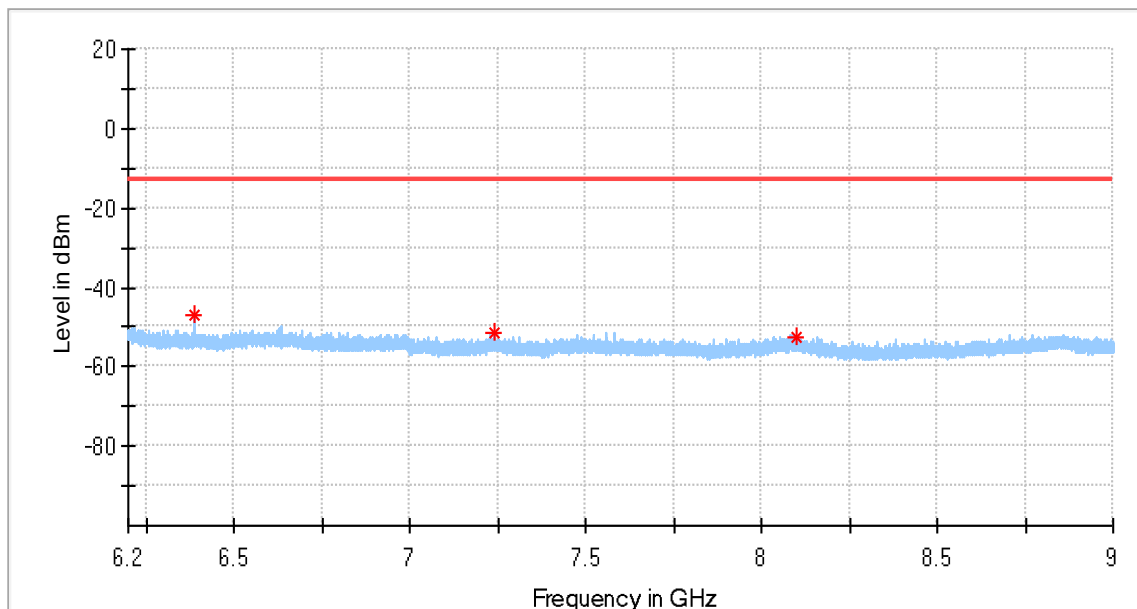
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1253.500000	-44.19	---	-13.00	31.19	100.0	V	186.0	-92.3
1596.000000	-43.53	---	-13.00	30.53	100.0	V	252.0	-92.9
2250.000000	-42.44	---	-13.00	29.44	100.0	V	165.0	-87.7
2747.000000	-44.30	---	-13.00	31.30	100.0	V	158.0	-87.5
3194.500000	-44.72	---	-13.00	31.72	100.0	V	141.0	-86.3
4495.500000	-39.12	---	-13.00	26.12	100.0	V	74.0	-83.8
4792.000000	-40.13	---	-13.00	27.13	100.0	V	349.0	-83.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
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Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

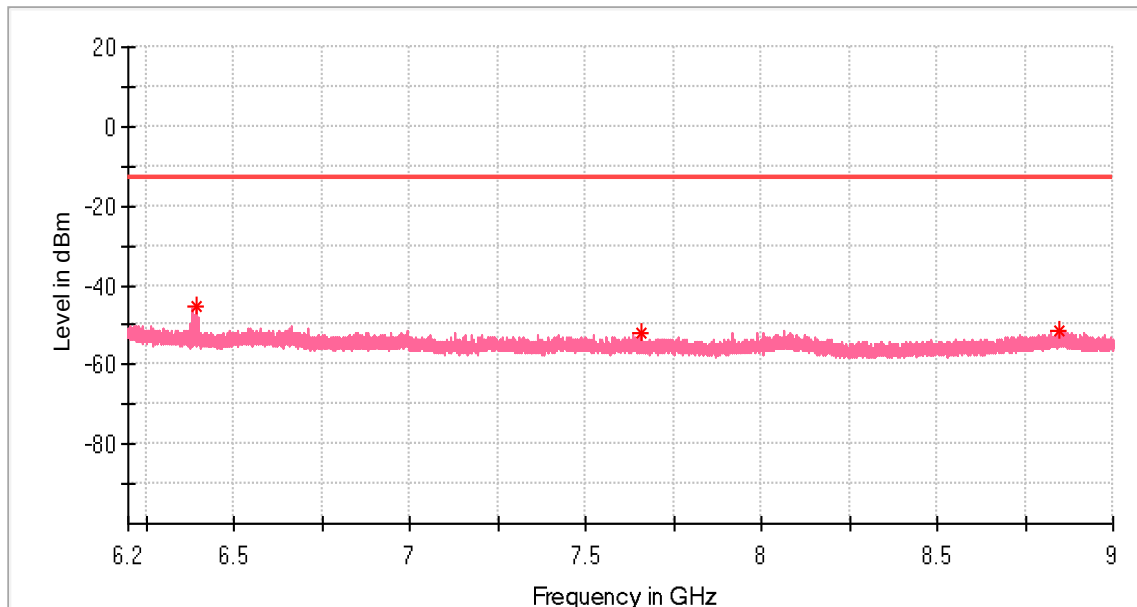
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6385.733333	-47.25	---	-13.00	34.25	100.0	H	143.0	-87.6
7243.466667	-51.65	---	-13.00	38.65	100.0	H	61.0	-87.0
8099.916667	-52.34	---	-13.00	39.34	100.0	H	78.0	-86.7

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

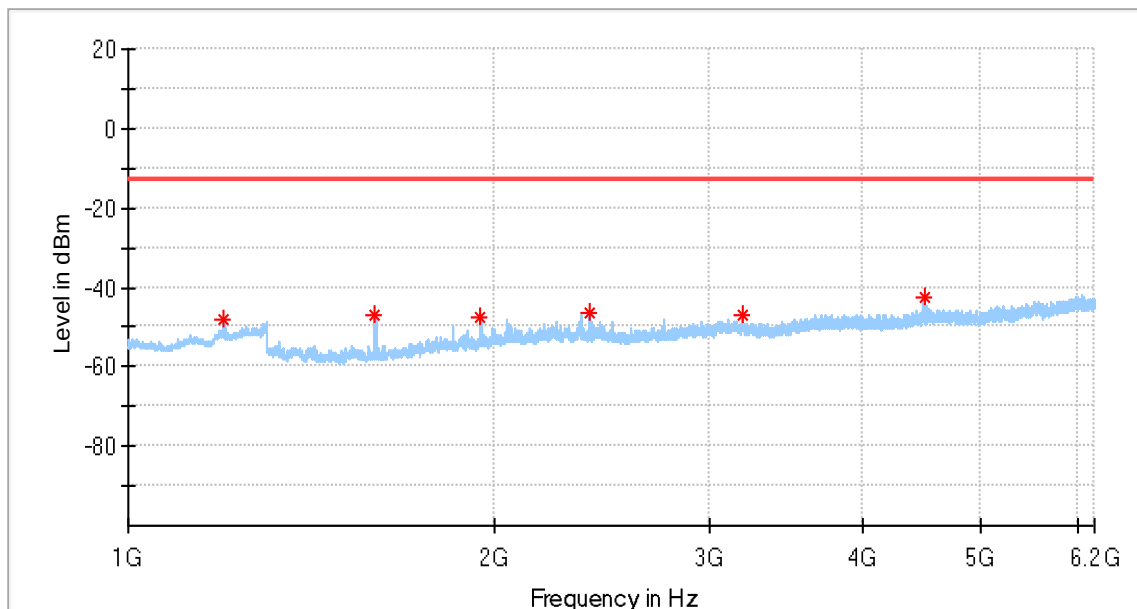
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6394.133333	-45.35	---	-13.00	32.35	100.0	V	100.0	-87.8
7659.733333	-51.82	---	-13.00	38.82	100.0	V	24.0	-87.4
8846.233333	-51.49	---	-13.00	38.49	100.0	V	83.0	-85.2

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_3.75kHz_BPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

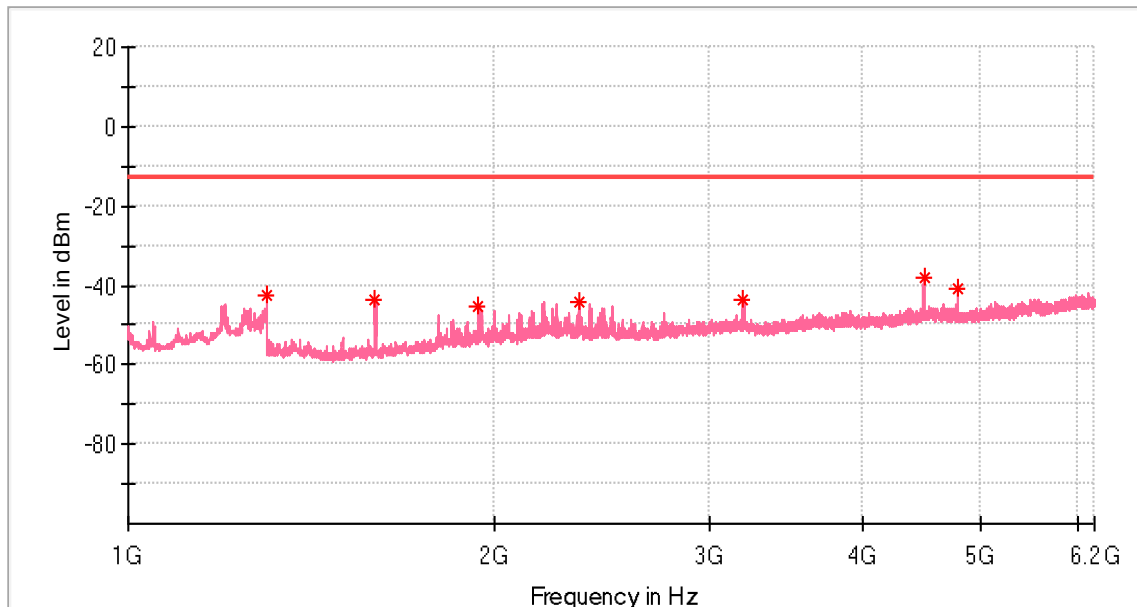
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1199.000000	-48.08	---	-13.00	35.08	100.0	H	190.0	-93.2
1593.500000	-46.71	---	-13.00	33.71	100.0	H	38.0	-92.7
1943.500000	-47.30	---	-13.00	34.30	100.0	H	102.0	-89.9
2394.000000	-46.55	---	-13.00	33.55	100.0	H	351.0	-88.0
3188.000000	-46.71	---	-13.00	33.71	100.0	H	197.0	-86.4
4496.000000	-42.34	---	-13.00	29.34	100.0	H	142.0	-83.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

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Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
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Critical_Freqs

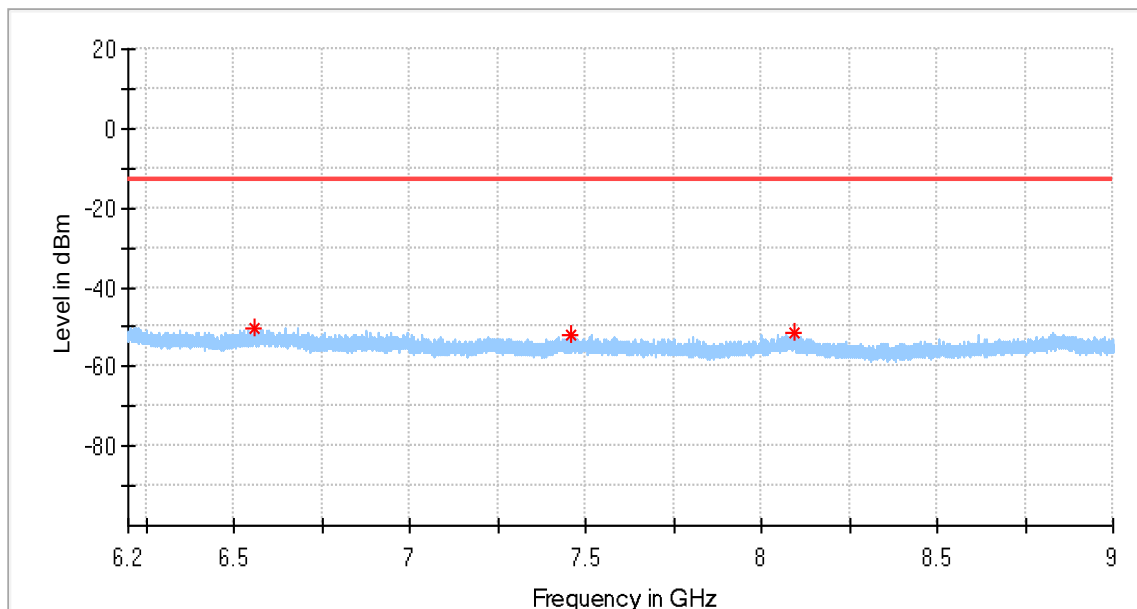
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1299.000000	-42.60	---	-13.00	29.60	100.0	V	180.0	-92.5
1593.000000	-43.68	---	-13.00	30.68	100.0	V	251.0	-92.9
1938.500000	-45.16	---	-13.00	32.16	100.0	V	185.0	-89.5
2344.500000	-44.07	---	-13.00	31.07	100.0	V	357.0	-87.8
3188.500000	-43.39	---	-13.00	30.39	100.0	V	347.0	-86.3
4492.500000	-37.90	---	-13.00	24.90	100.0	V	66.0	-83.8
4790.000000	-40.84	---	-13.00	27.84	100.0	V	353.0	-83.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Data Terminal Module
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Test Mode:	787-788M_3.75kHz_BPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

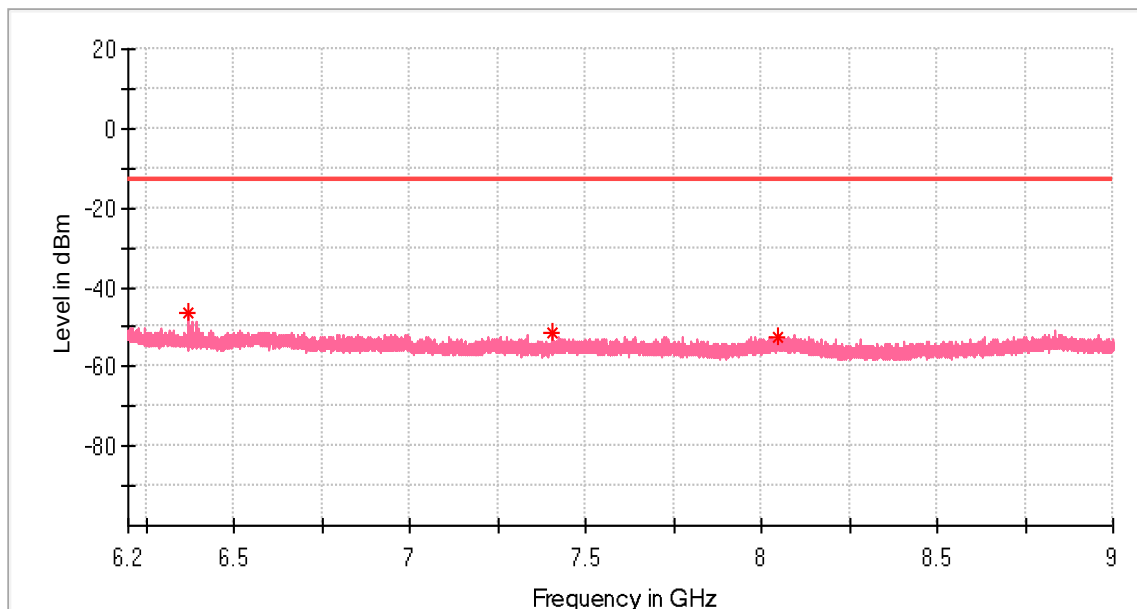
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6555.950000	-50.25	---	-13.00	37.25	100.0	H	6.0	-87.3
7456.733333	-52.10	---	-13.00	39.10	100.0	H	248.0	-87.4
8095.600000	-51.68	---	-13.00	38.68	100.0	H	94.0	-86.7

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
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Test Voltage::	DC 3.8V
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Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6372.550000	-46.41	---	-13.00	33.41	100.0	V	111.0	-87.7
7408.433333	-51.63	---	-13.00	38.63	100.0	V	11.0	-87.8
8045.783333	-52.70	---	-13.00	39.70	100.0	V	111.0	-86.9

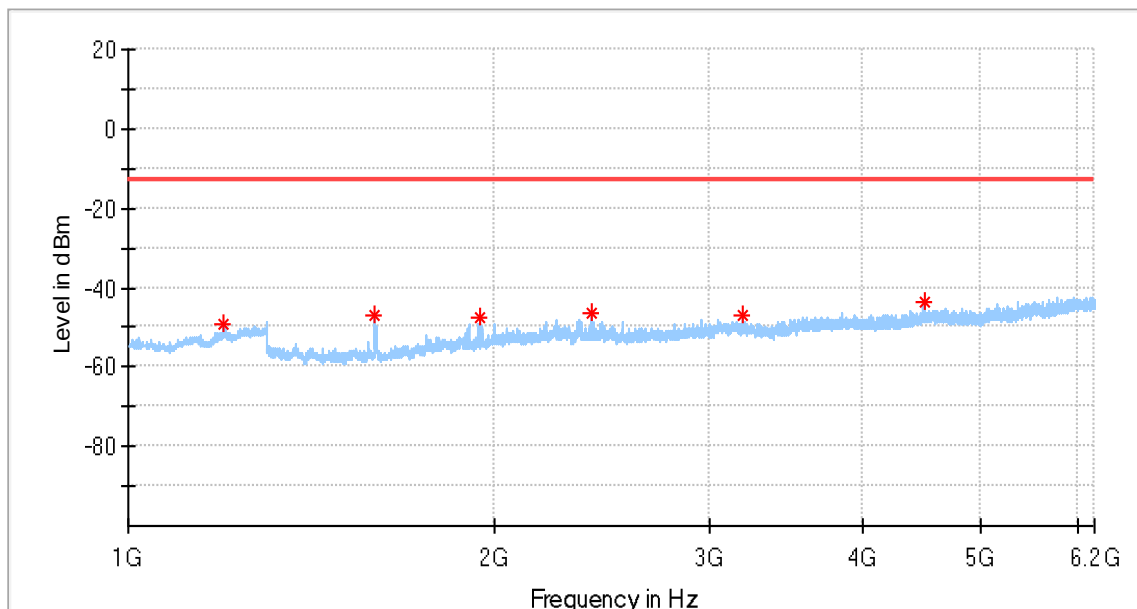
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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15 kHz configuration

EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

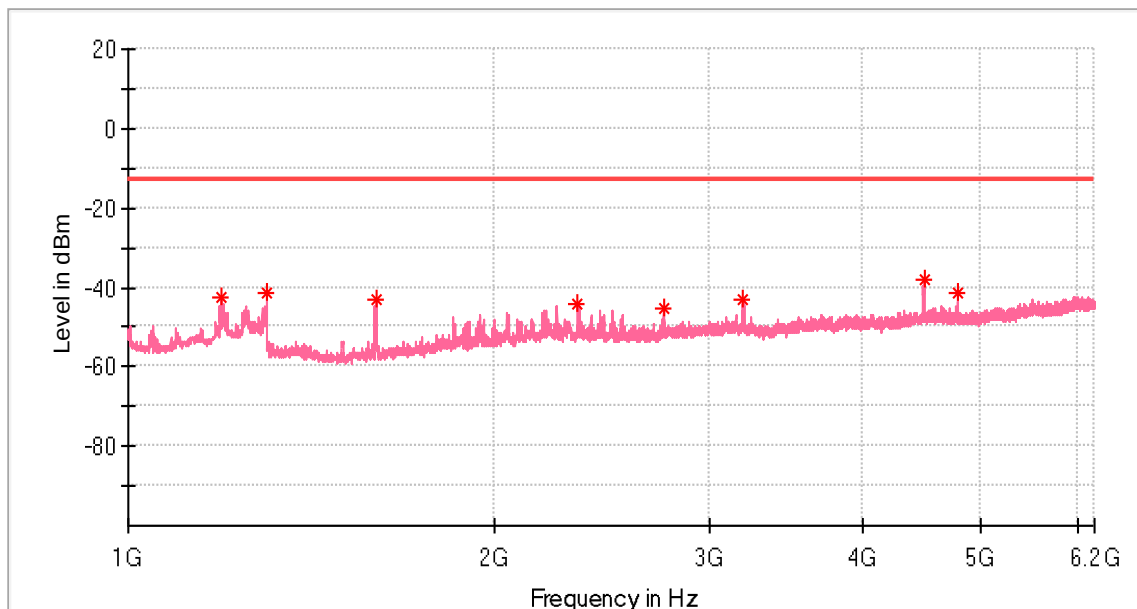
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1198.000000	-49.03	---	-13.00	36.03	100.0	H	191.0	-93.2
1594.000000	-47.22	---	-13.00	34.22	100.0	H	273.0	-92.7
1944.000000	-47.45	---	-13.00	34.45	100.0	H	101.0	-89.9
2400.000000	-46.55	---	-13.00	33.55	100.0	H	138.0	-88.0
3193.000000	-46.98	---	-13.00	33.98	100.0	H	173.0	-86.4
4499.500000	-43.40	---	-13.00	30.40	100.0	H	265.0	-83.8

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

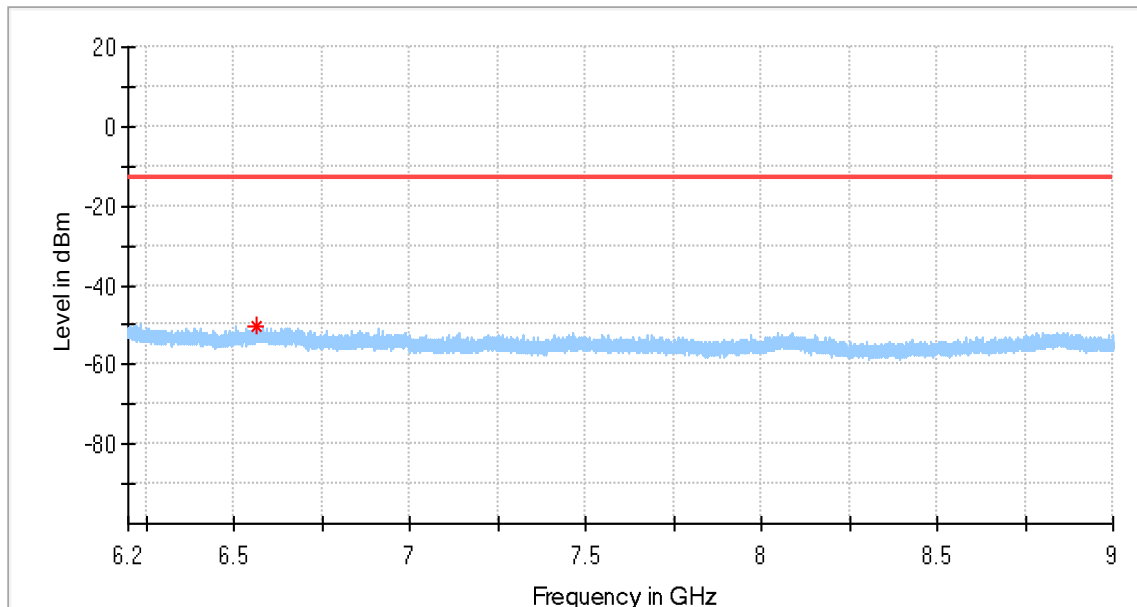
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1190.500000	-42.73	---	-13.00	29.73	100.0	V	225.0	-92.5
1299.000000	-41.61	---	-13.00	28.61	100.0	V	183.0	-92.5
1598.000000	-43.25	---	-13.00	30.25	100.0	V	225.0	-92.9
2339.000000	-44.13	---	-13.00	31.13	100.0	V	357.0	-87.9
2745.500000	-45.08	---	-13.00	32.08	100.0	V	142.0	-87.5
3197.000000	-42.80	---	-13.00	29.80	100.0	V	5.0	-86.3
4492.000000	-37.98	---	-13.00	24.98	100.0	V	68.0	-83.8
4787.000000	-41.65	---	-13.00	28.65	100.0	V	353.0	-83.9

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

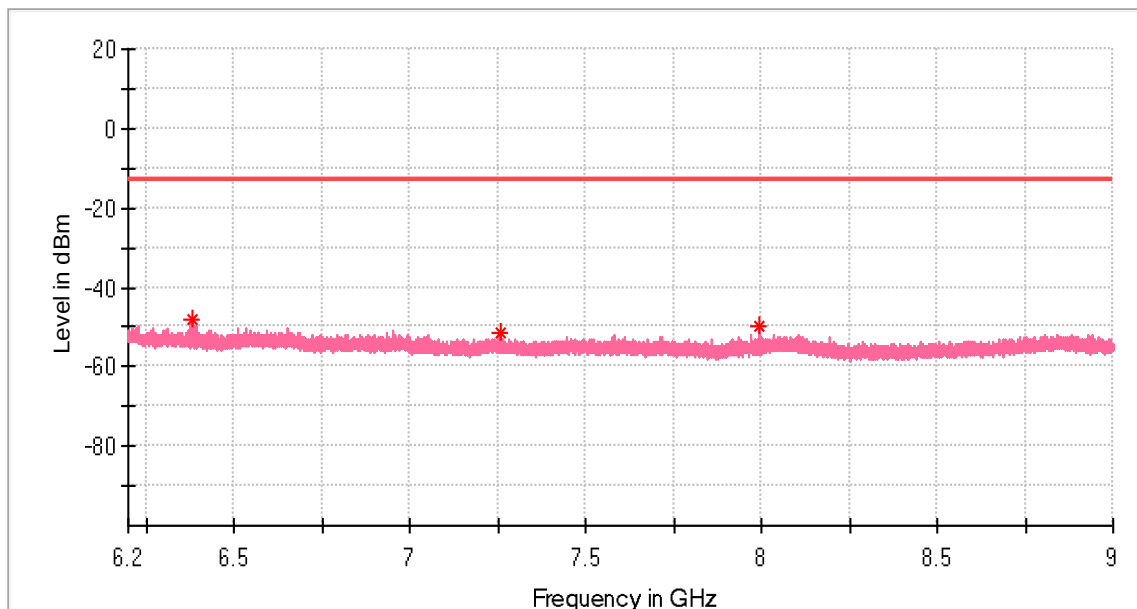
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6567.266667	-50.40	---	-13.00	37.40	100.0	H	293.0	-87.4

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_Low channel_134184
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

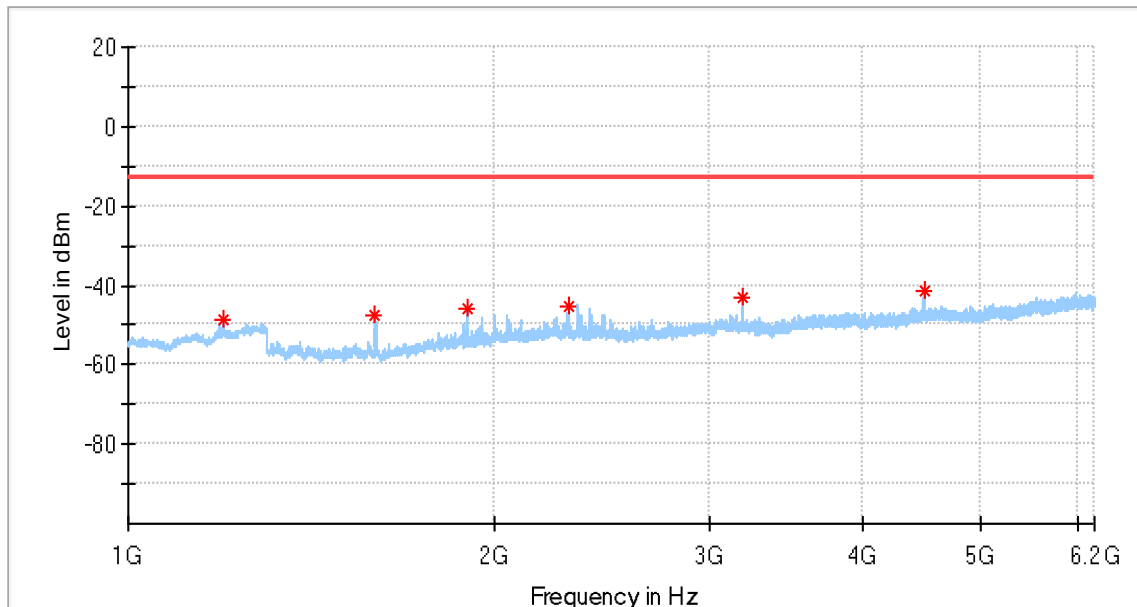
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6379.783333	-47.84	---	-13.00	34.84	100.0	V	67.0	-87.7
7260.033333	-51.55	---	-13.00	38.55	100.0	V	58.0	-87.4
7996.083333	-49.57	---	-13.00	36.57	100.0	V	313.0	-87.5

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

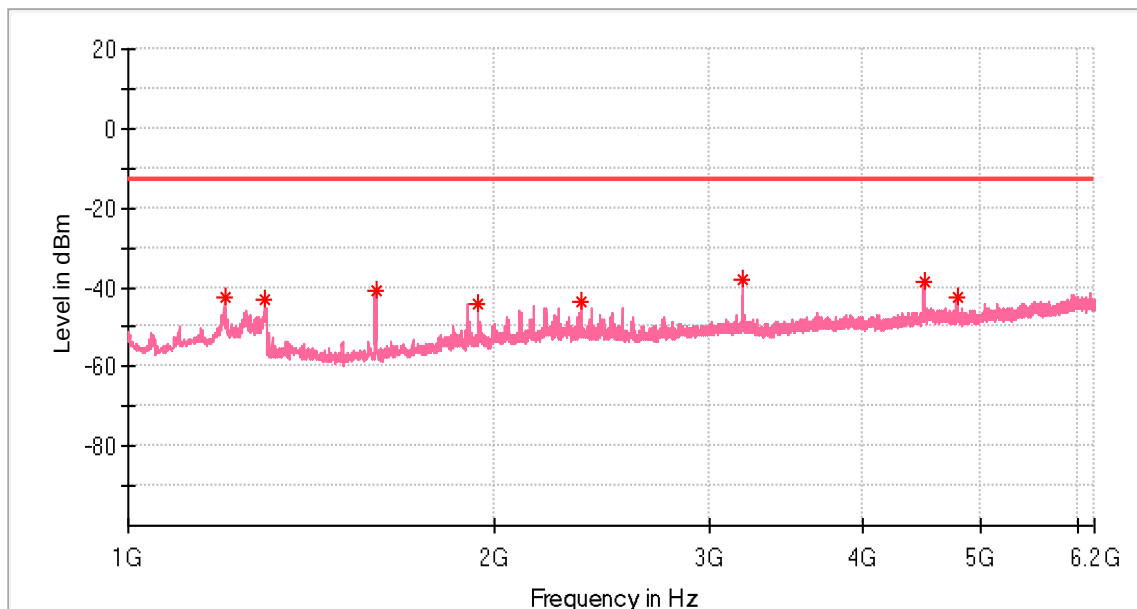
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1197.000000	-48.73	---	-13.00	35.73	100.0	H	184.0	-93.1
1595.000000	-47.39	---	-13.00	34.39	100.0	H	125.0	-92.6
1894.500000	-45.81	---	-13.00	32.81	100.0	H	260.0	-90.3
2301.500000	-45.45	---	-13.00	32.45	100.0	H	47.0	-88.1
3187.000000	-43.18	---	-13.00	30.18	100.0	H	183.0	-86.4
4493.500000	-41.65	---	-13.00	28.65	100.0	H	260.0	-83.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

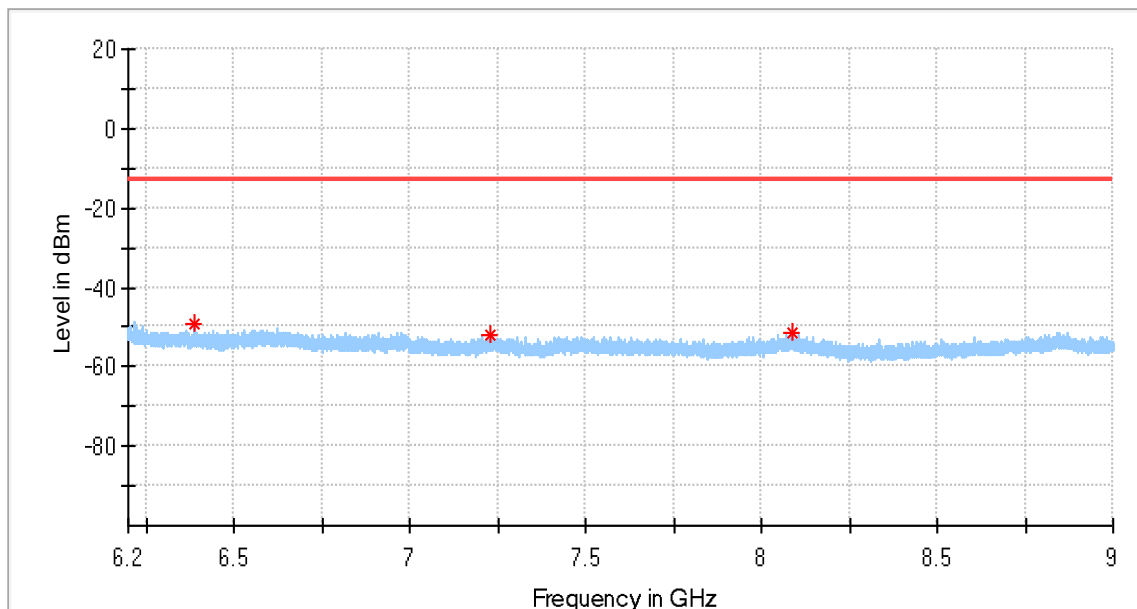
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1199.500000	-42.31	---	-13.00	29.31	100.0	V	182.0	-92.6
1292.500000	-43.05	---	-13.00	30.05	100.0	V	175.0	-92.5
1599.000000	-40.96	---	-13.00	27.96	100.0	V	236.0	-92.9
1938.000000	-44.04	---	-13.00	31.04	100.0	V	183.0	-89.5
2350.000000	-43.76	---	-13.00	30.76	100.0	V	41.0	-87.7
3195.000000	-38.06	---	-13.00	25.06	100.0	V	137.0	-86.3
4498.500000	-38.45	---	-13.00	25.45	100.0	V	74.0	-83.8
4794.500000	-42.27	---	-13.00	29.27	100.0	V	123.0	-83.9

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

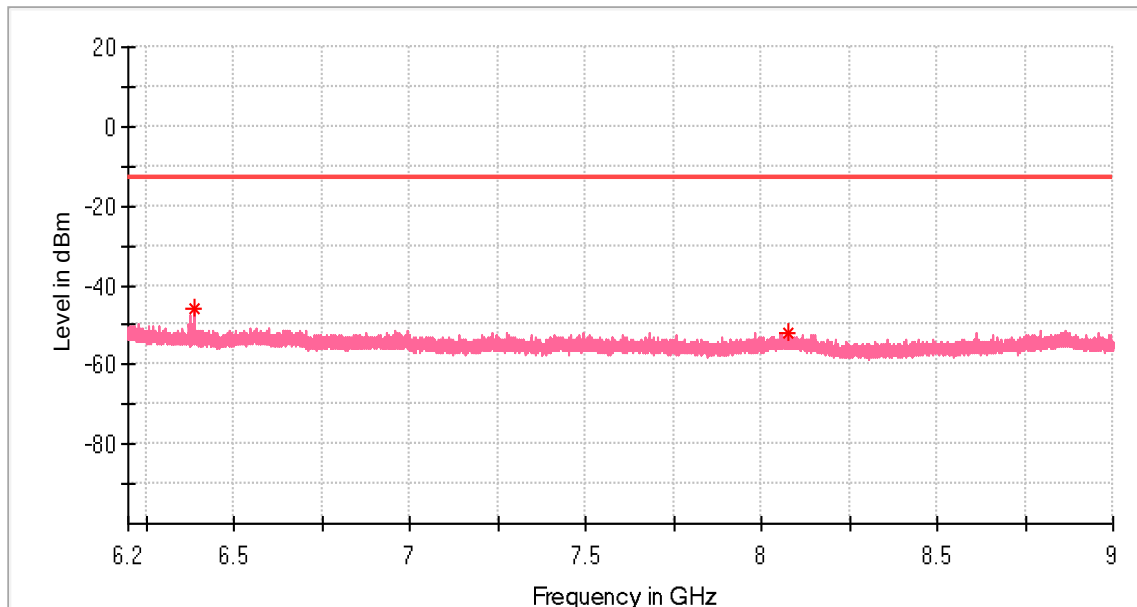
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6385.733333	-49.35	---	-13.00	36.35	100.0	H	124.0	-87.6
7231.683333	-52.09	---	-13.00	39.09	100.0	H	26.0	-87.1
8087.316667	-51.35	---	-13.00	38.35	100.0	H	115.0	-86.6

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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EUT Information

EUT Name:	Data Terminal Module
Model:	ME310G1-W1
Test Mode:	787-788M_15kHz_QPSK 1@0_High channel_134190
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
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Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6390.283333	-45.78	---	-13.00	32.78	100.0	V	222.0	-87.8
8076.466667	-52.01	---	-13.00	39.01	100.0	V	355.0	-86.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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