

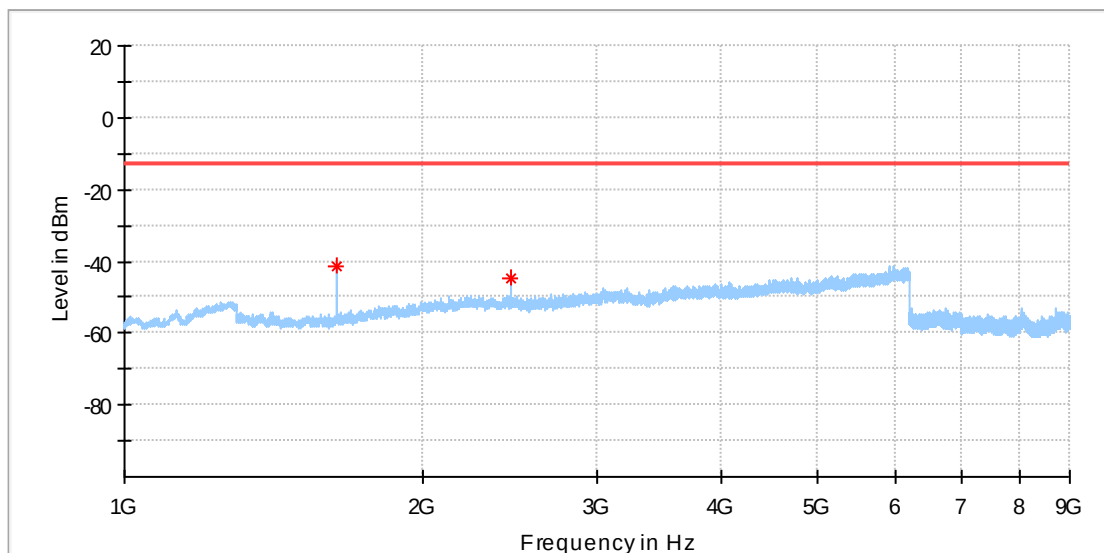
Produkte
Products

Mid Channel
3.75 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1637.500000	-41.29	---	-13.00	28.29	100.0	H	11.0	-92.5
2456.500000	-44.83	---	-13.00	31.83	100.0	H	356.0	-87.9

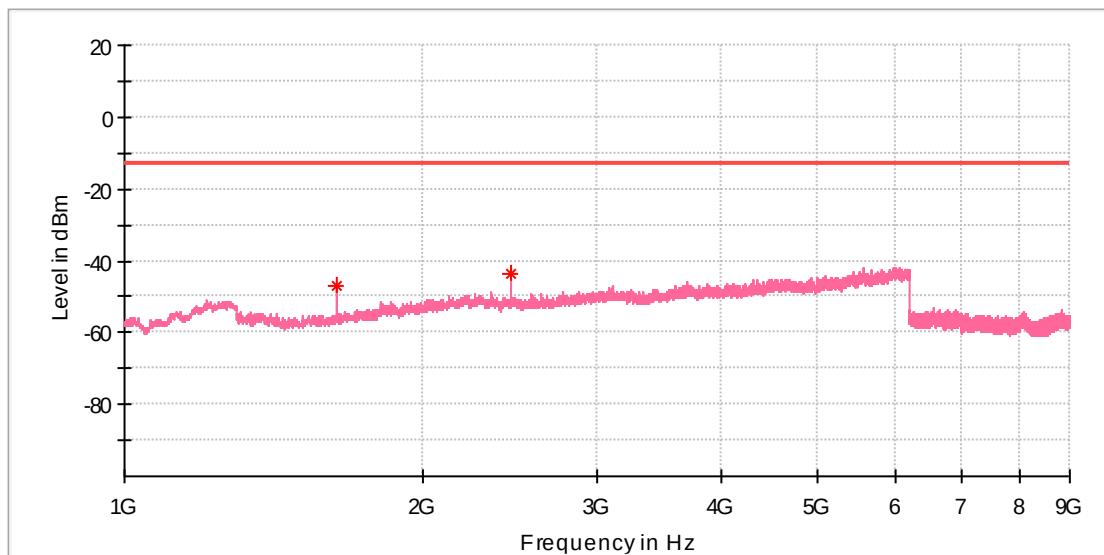
Final_Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1637.500000	-46.77	---	-13.00	33.77	100.0	V	36.0	-92.5
2456.500000	-43.37	---	-13.00	30.37	100.0	V	311.0	-88.1

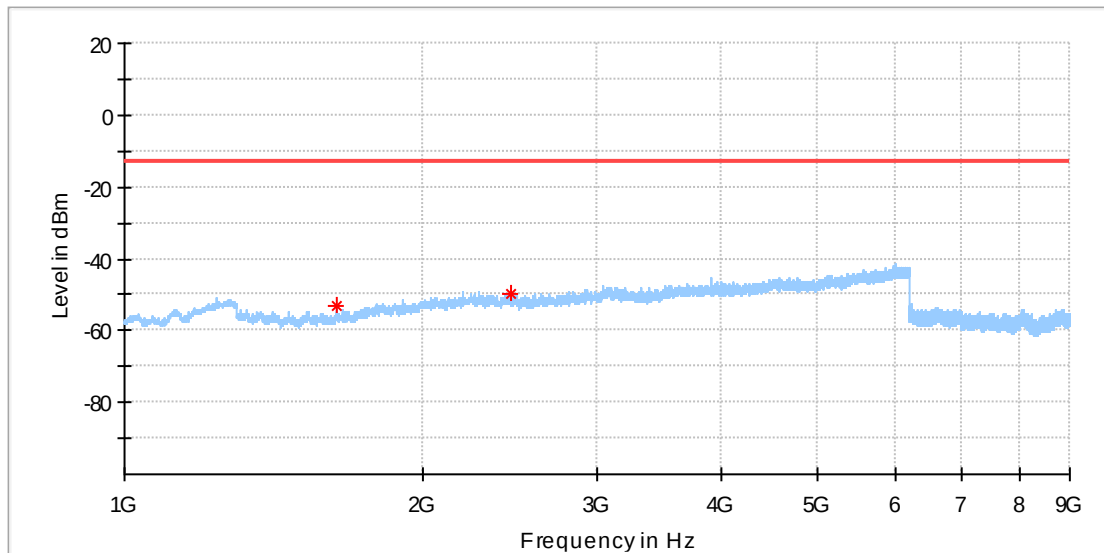
Final_Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1638.500000	-52.85	---	-13.00	39.85	100.0	H	309.0	-92.5
2456.500000	-49.54	---	-13.00	36.54	100.0	H	185.0	-87.9

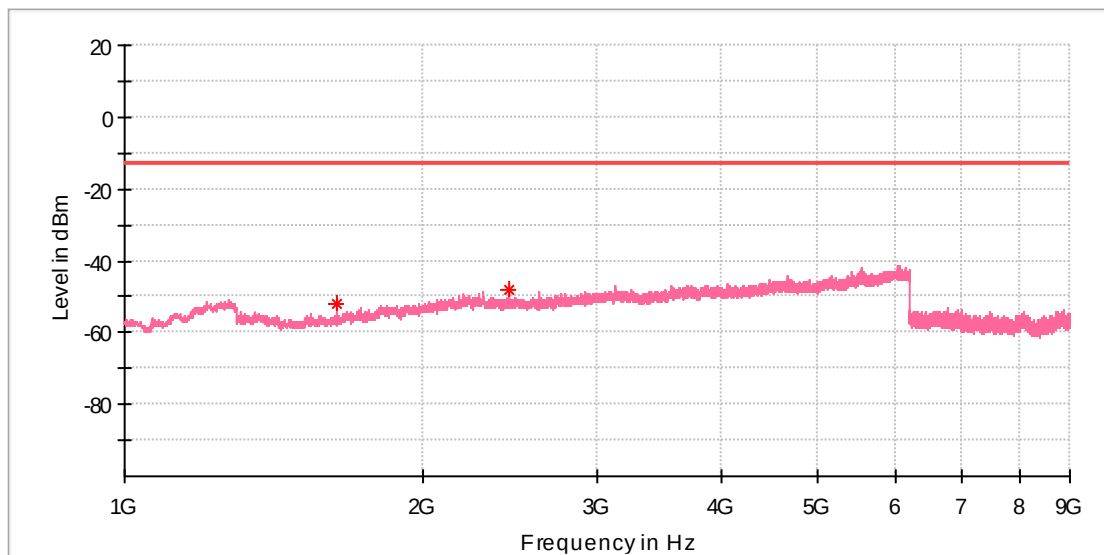
Final Result

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

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-WW
Test Mode: TX Mid 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:50%
Test Standard: FCC Part 90
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)
1638.000000	-52.14	---	-13.00	39.14	100.0	V	243.0	-92.5
2440.500000	-48.20	---	-13.00	35.20	100.0	V	339.0	-88.1

Final Result

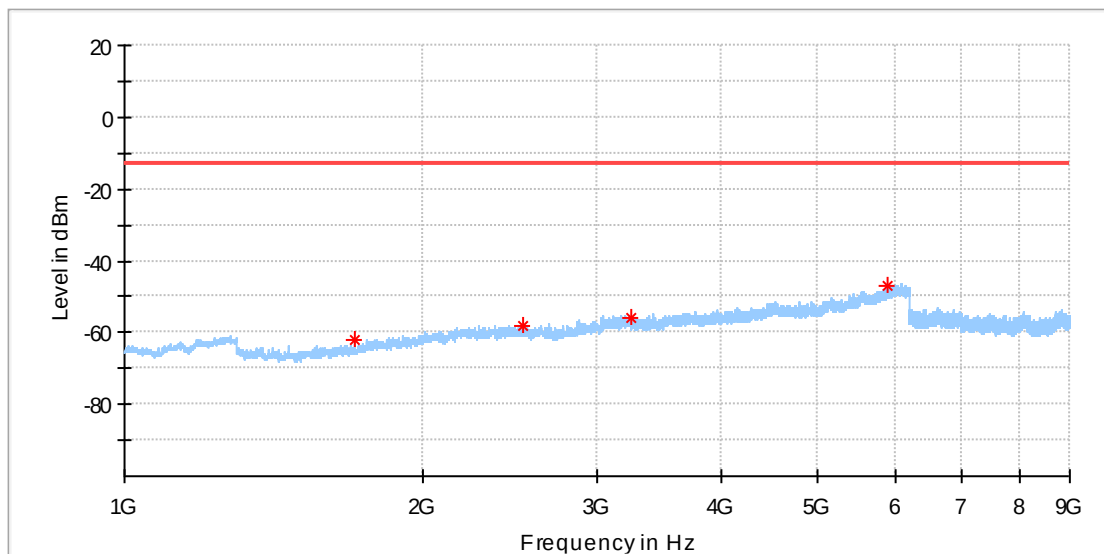
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



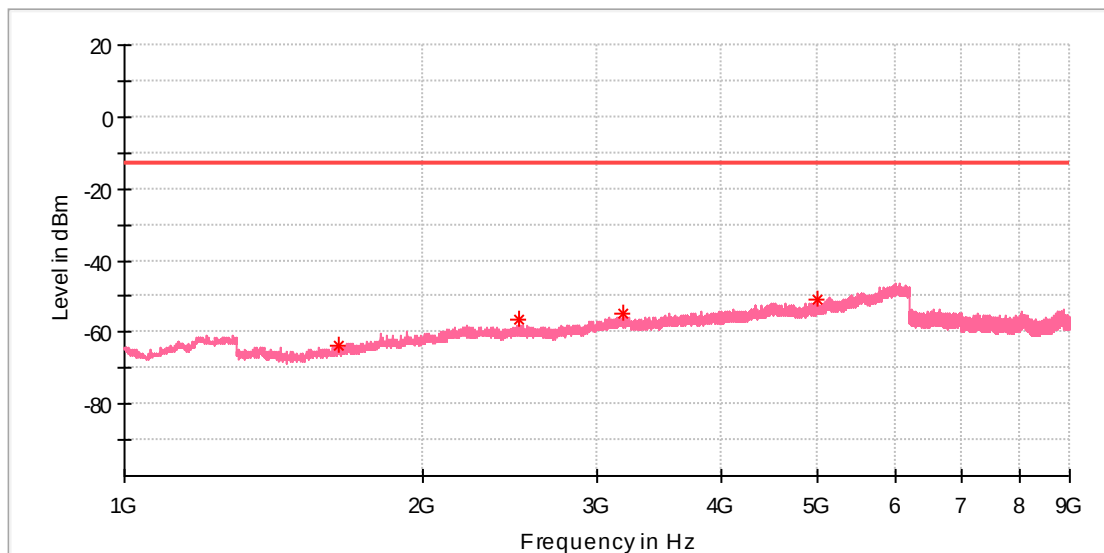
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1706.500000	-61.92	-13.00	48.92	100.0	H	259.0	-92.2
2523.500000	-58.06	-13.00	45.06	100.0	H	182.0	-88.4
3251.500000	-55.88	-13.00	42.88	100.0	H	22.0	-87.0
5883.500000	-46.90	-13.00	33.90	100.0	H	315.0	-81.3

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



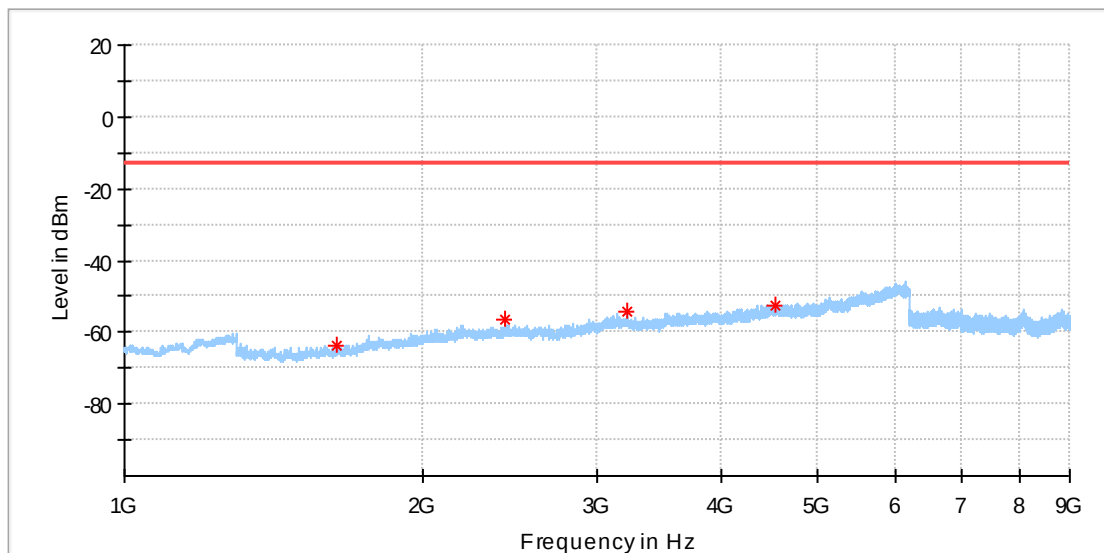
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1642.000000	-63.51	-13.00	50.51	100.0	V	232.0	-92.4
2501.000000	-56.71	-13.00	43.71	100.0	V	350.0	-88.1
3180.000000	-55.07	-13.00	42.07	100.0	V	107.0	-86.2
4999.500000	-50.95	-13.00	37.95	100.0	V	197.0	-83.9

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



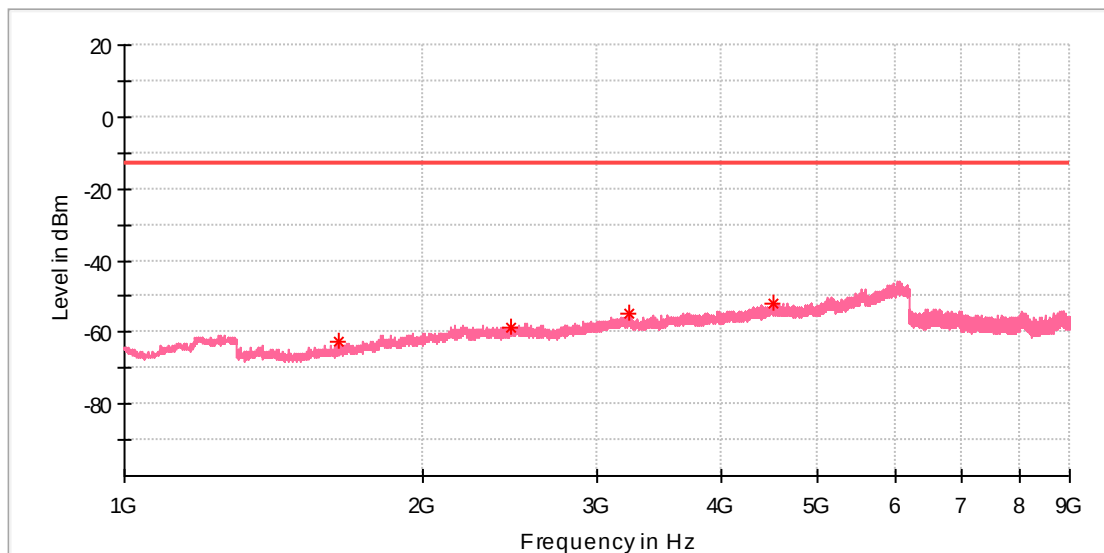
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1638.500000	-63.97	-13.00	50.97	100.0	H	126.0	-92.5
2422.000000	-56.56	-13.00	43.56	100.0	H	167.0	-87.5
3222.500000	-54.47	-13.00	41.47	100.0	H	42.0	-86.6
4534.000000	-52.29	-13.00	39.29	100.0	H	314.0	-83.5

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



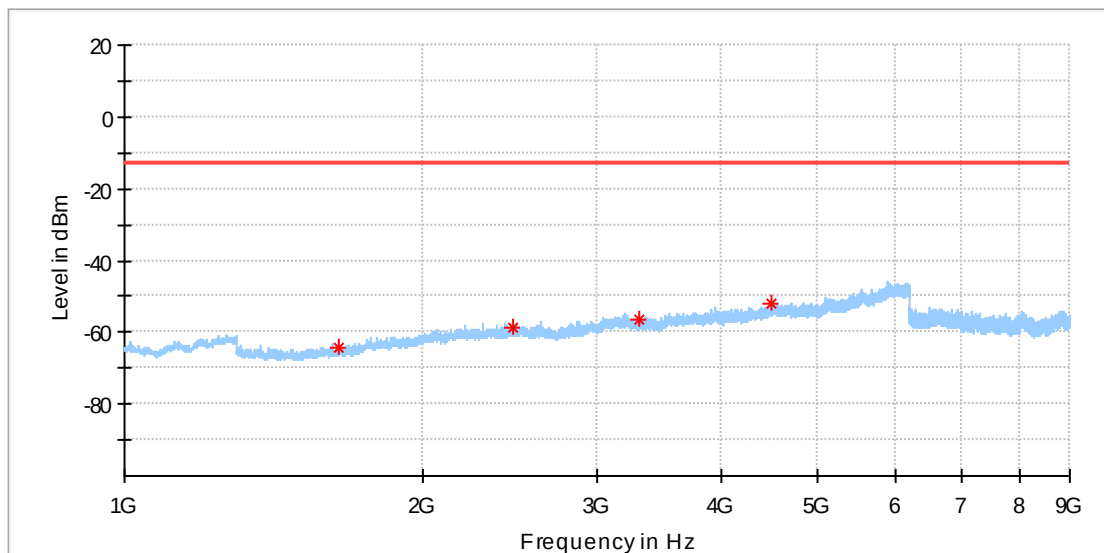
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.000000	-62.88	-13.00	49.88	100.0	V	74.0	-92.4
2458.500000	-58.84	-13.00	45.84	100.0	V	130.0	-88.1
3237.000000	-54.73	-13.00	41.73	100.0	V	289.0	-86.7
4526.500000	-51.74	-13.00	38.74	100.0	V	199.0	-83.4

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



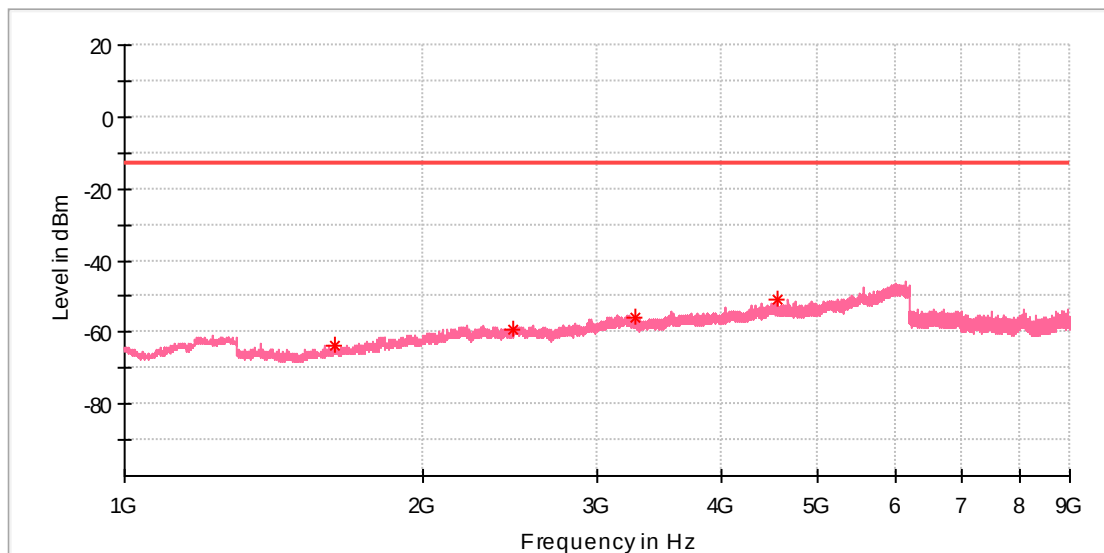
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1644.000000	-64.38	-13.00	51.38	100.0	H	0.0	-92.3
2471.500000	-58.47	-13.00	45.47	100.0	H	150.0	-87.9
3301.500000	-56.22	-13.00	43.22	100.0	H	11.0	-87.2
4496.000000	-51.83	-13.00	38.83	100.0	H	330.0	-83.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

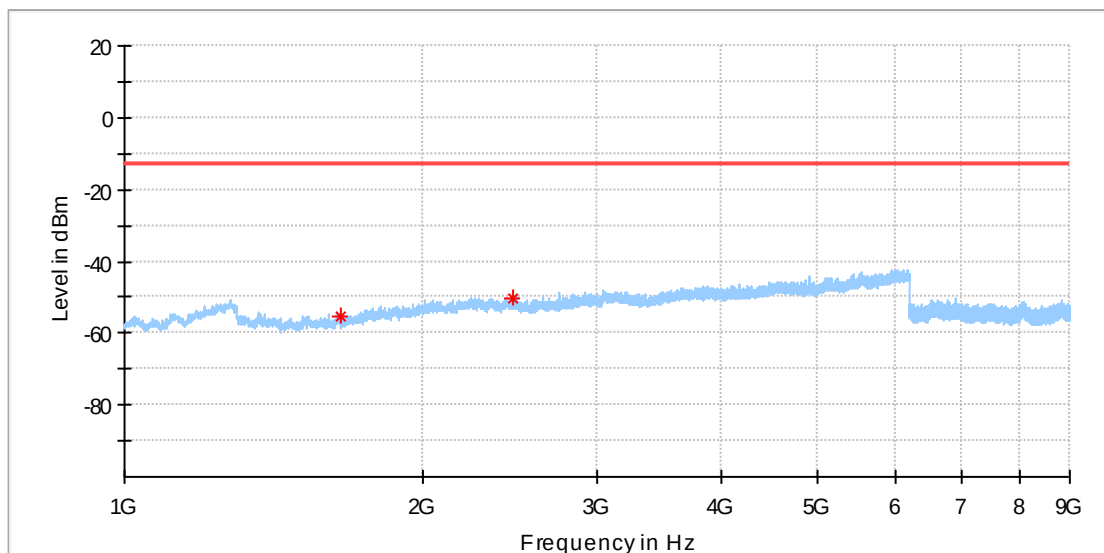
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1633.000000	-63.51	-13.00	50.51	100.0	V	84.0	-92.5
2465.000000	-59.08	-13.00	46.08	100.0	V	286.0	-88.1
3270.000000	-56.11	-13.00	43.11	100.0	V	359.0	-86.9
4553.000000	-50.81	-13.00	37.81	100.0	V	279.0	-83.4

High Channel
3.75 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1655.000000	-55.08	---	-13.00	42.08	100.0	H	21.0	-92.6
2466.500000	-50.33	---	-13.00	37.33	100.0	H	45.0	-87.9

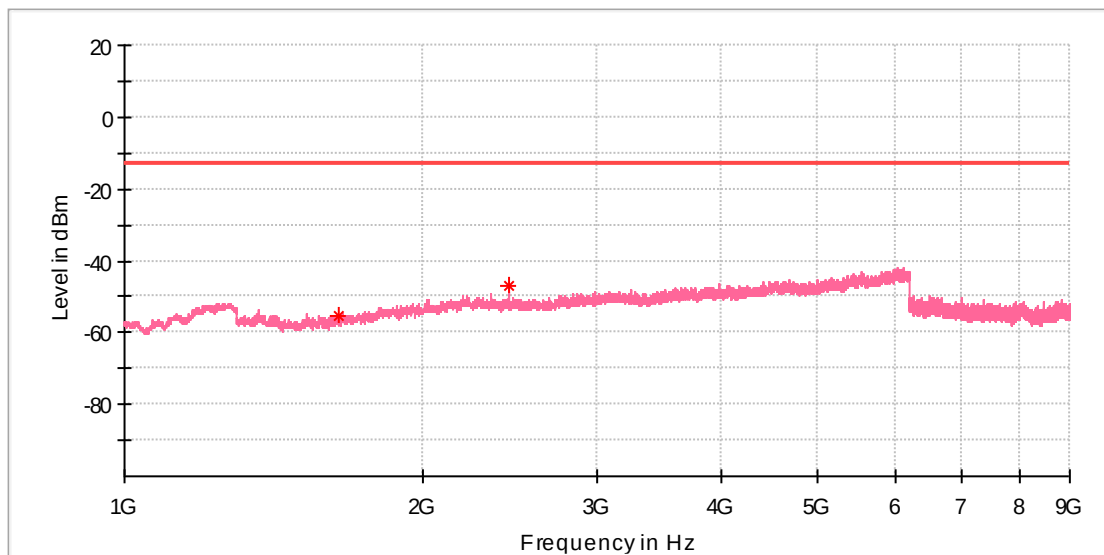
Final_Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1643.000000	-55.25	---	-13.00	42.25	100.0	V	240.0	-92.4
2443.000000	-46.79	---	-13.00	33.79	100.0	V	102.0	-88.1

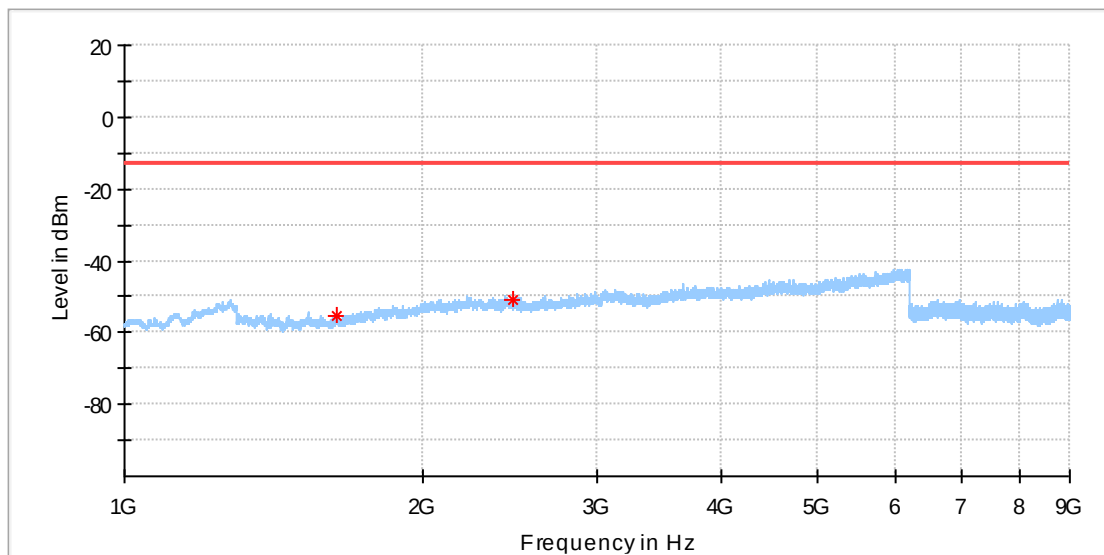
Final Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 90
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)
1640.000000	-55.55	---	-13.00	42.55	100.0	H	134.0	-92.4
2472.000000	-50.62	---	-13.00	37.62	100.0	H	324.0	-87.9

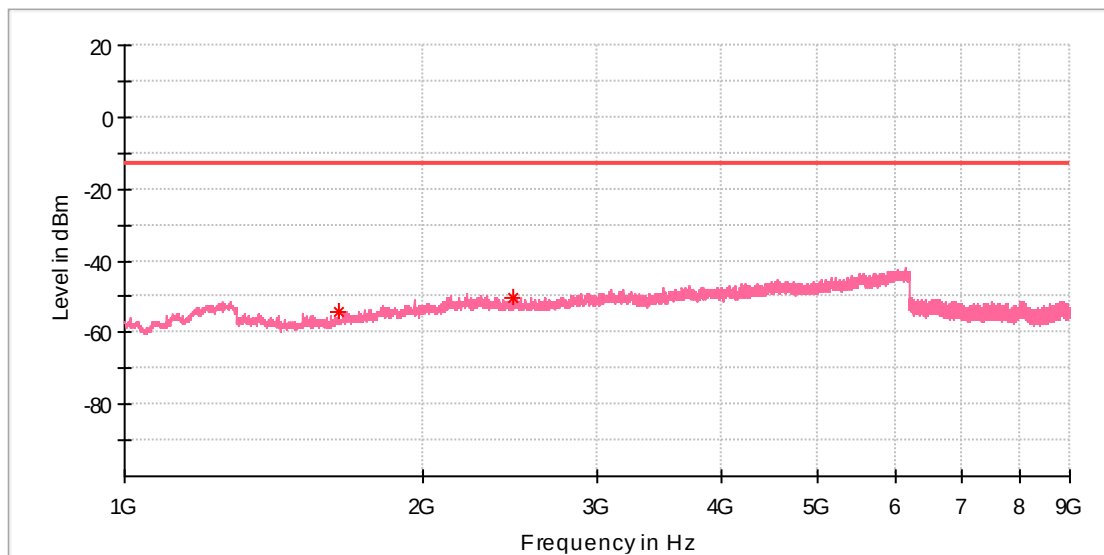
Final Result

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

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-VV
Test Mode: TX High 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:50%
Test Standard: FCC Part 90
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)
1645.500000	-54.49	---	-13.00	41.49	100.0	V	105.0	-92.4
2469.500000	-50.57	---	-13.00	37.57	100.0	V	266.0	-88.0

Final Result

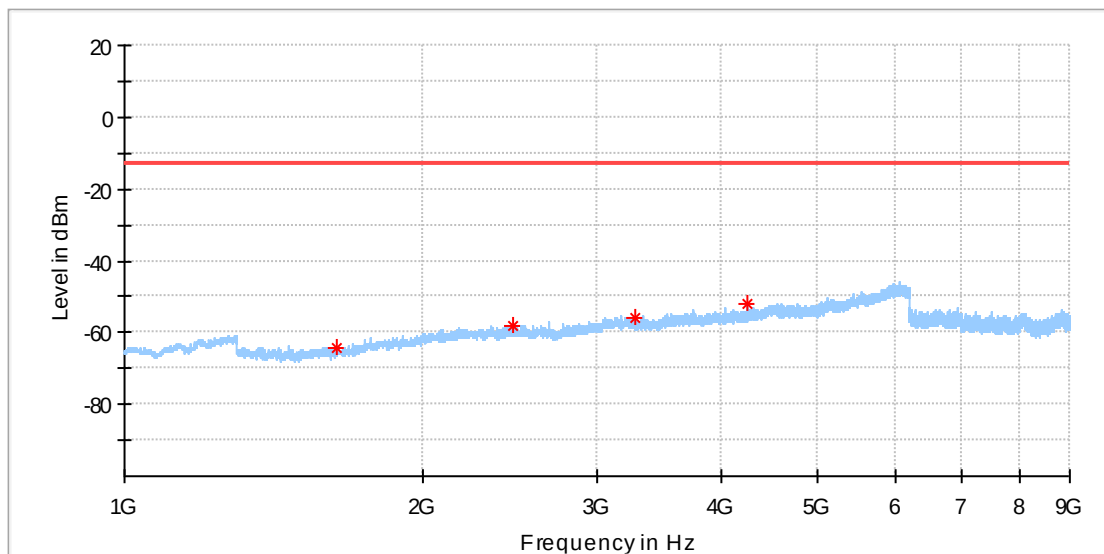
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



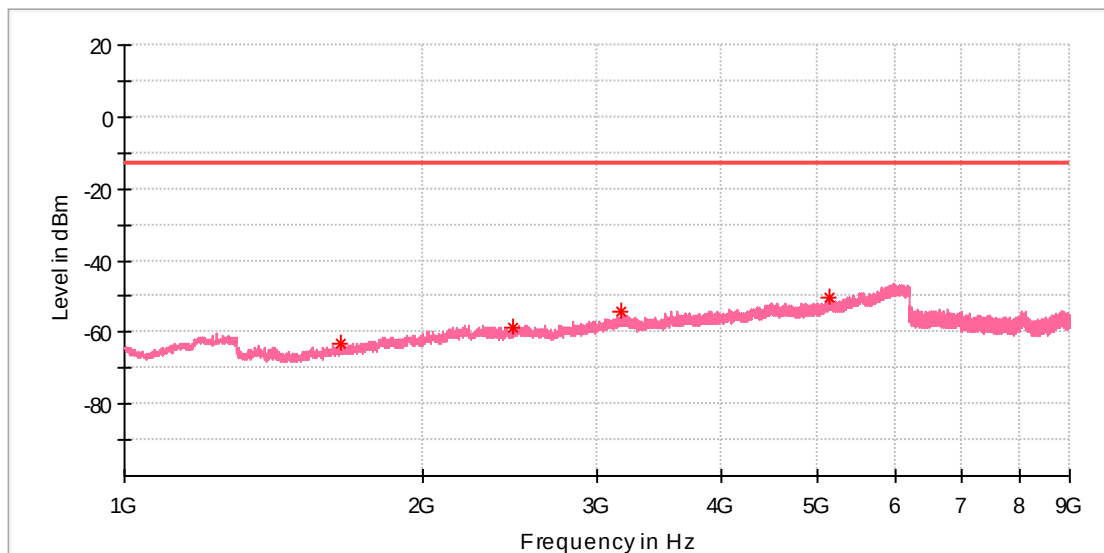
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1640.500000	-64.31	-13.00	51.31	100.0	H	251.0	-92.4
2467.500000	-58.28	-13.00	45.28	100.0	H	279.0	-87.9
3278.000000	-56.15	-13.00	43.15	100.0	H	139.0	-87.1
4245.000000	-52.22	-13.00	39.22	100.0	H	139.0	-85.2

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



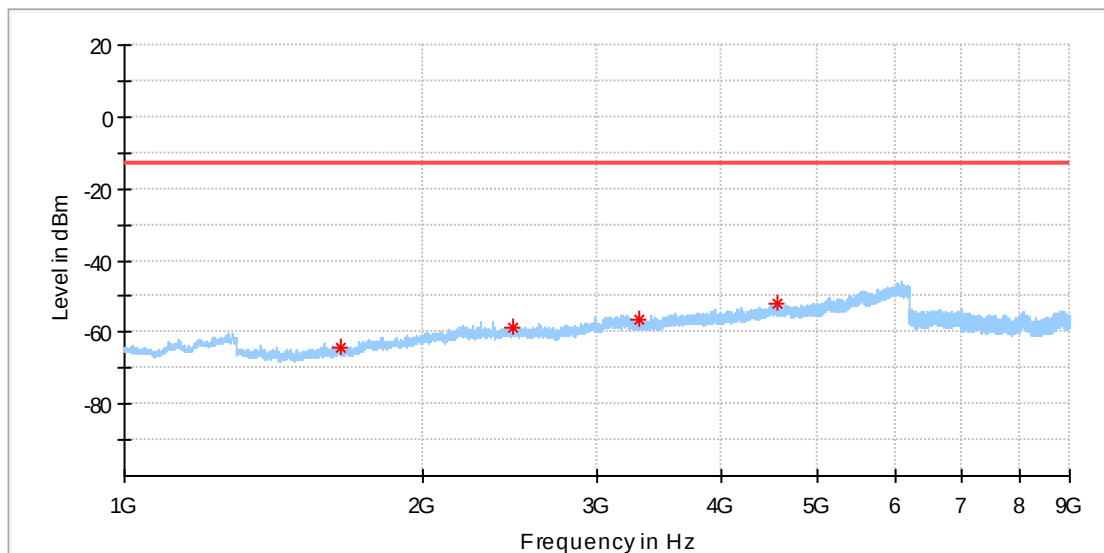
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1651.500000	-63.32	-13.00	50.32	100.0	V	100.0	-92.4
2471.000000	-58.66	-13.00	45.66	100.0	V	135.0	-88.0
3168.500000	-54.31	-13.00	41.31	100.0	V	218.0	-86.2
5156.500000	-50.18	-13.00	37.18	100.0	V	239.0	-82.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



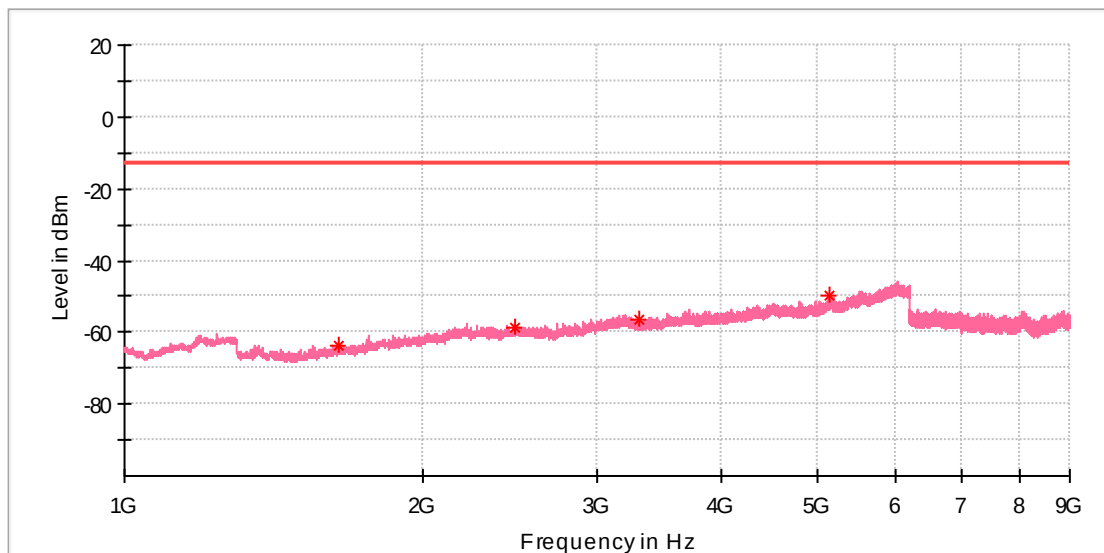
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1652.500000	-64.31	-13.00	51.31	100.0	H	185.0	-92.5
2471.500000	-58.83	-13.00	45.83	100.0	H	131.0	-87.9
3308.500000	-56.71	-13.00	43.71	100.0	H	0.0	-87.2
4563.000000	-51.99	-13.00	38.99	100.0	H	96.0	-83.5

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



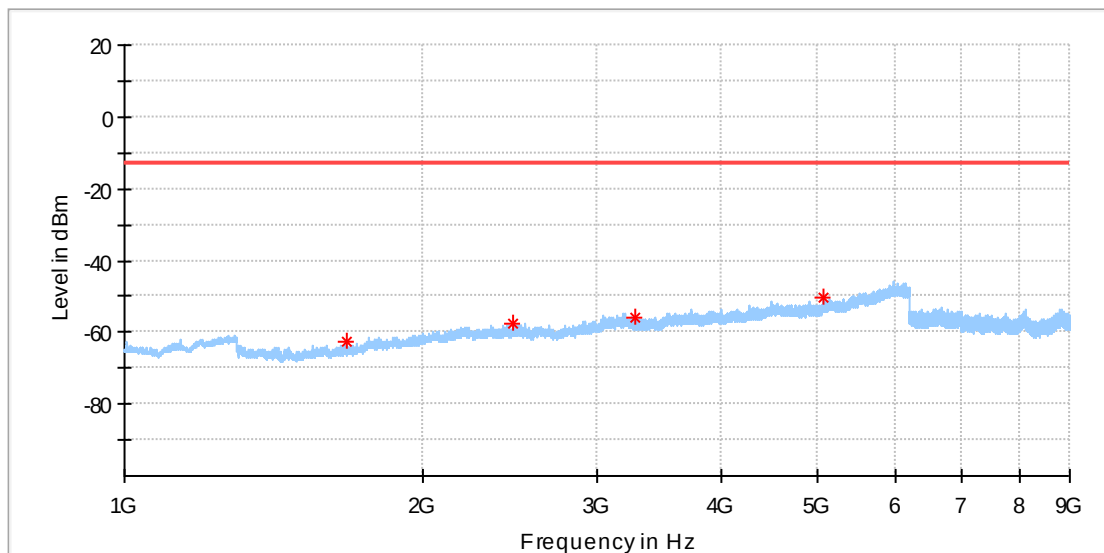
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1643.500000	-63.88	-13.00	50.88	100.0	V	148.0	-92.4
2475.000000	-58.84	-13.00	45.84	100.0	V	225.0	-88.0
3314.000000	-56.58	-13.00	43.58	100.0	V	4.0	-87.3
5158.000000	-49.75	-13.00	36.75	100.0	V	315.0	-82.8

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-WW
Test Mode: TX High 15kHz QPSK 12@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:42%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



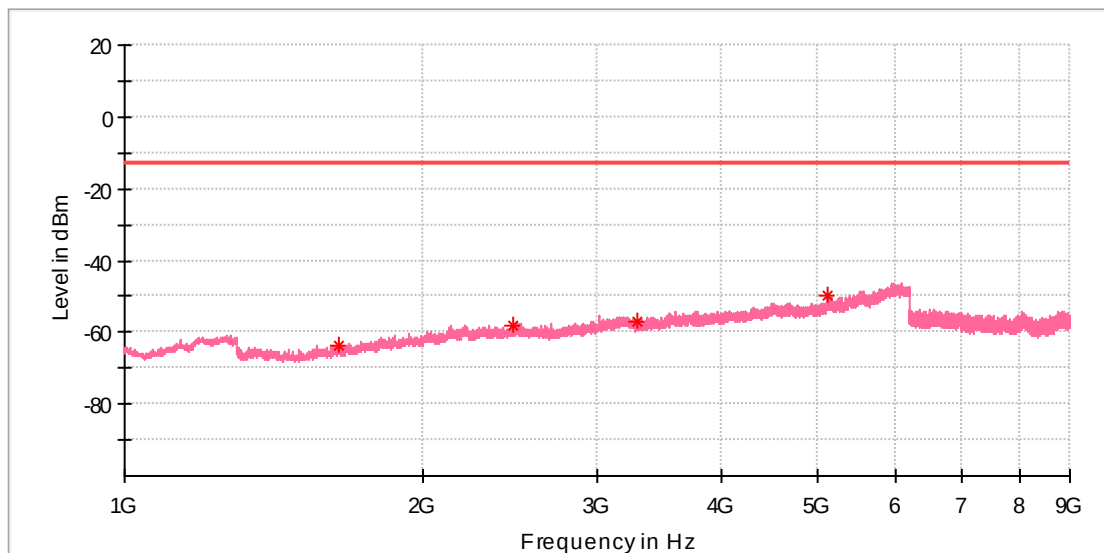
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.500000	-62.79	-13.00	49.79	100.0	H	335.0	-92.5
2466.500000	-57.65	-13.00	44.65	100.0	H	4.0	-87.9
3284.000000	-56.05	-13.00	43.05	100.0	H	140.0	-87.2
5084.000000	-50.51	-13.00	37.51	100.0	H	105.0	-83.1

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
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)
1644.500000	-63.82	-13.00	50.82	100.0	V	234.0	-92.4
2469.500000	-58.10	-13.00	45.10	100.0	V	60.0	-88.0
3296.500000	-57.03	-13.00	44.03	100.0	V	0.0	-87.2
5134.500000	-49.86	-13.00	36.86	100.0	V	122.0	-83.0

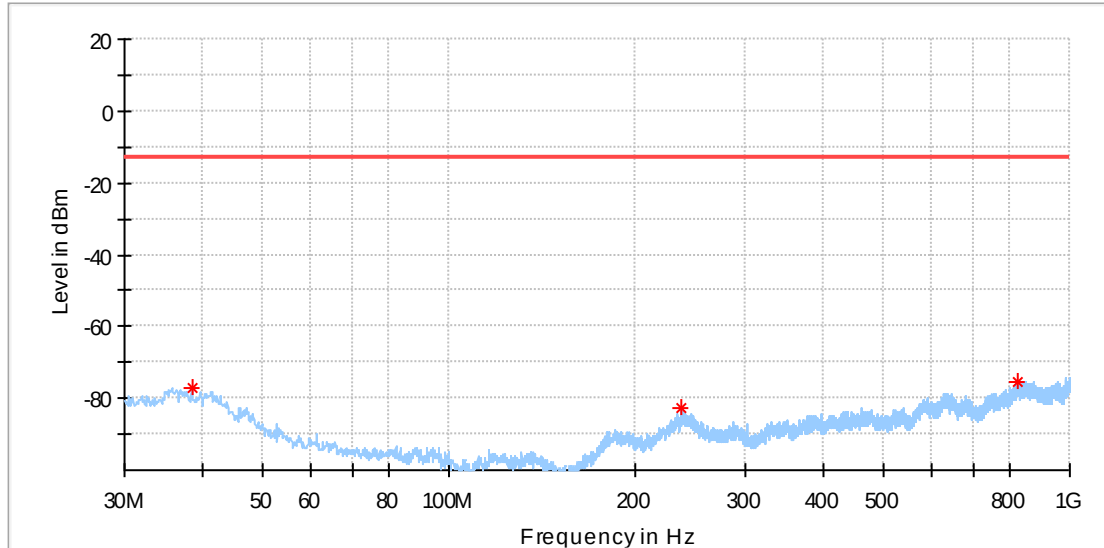
Appendix L.8: Field Strength of Spurious Radiation for Band 26 Upper Band

Below 1 GHz
 BPSK

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



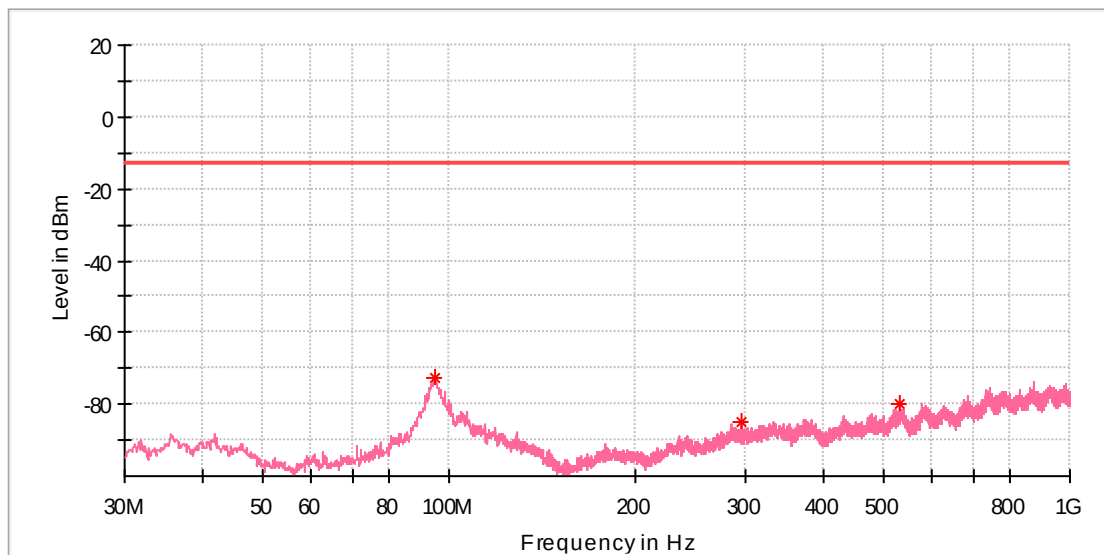
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
38.487500	-77.24	-13.00	64.24	100.0	H	147.0	-114.4
237.337500	-82.57	-13.00	69.57	100.0	H	21.0	-110.9
823.460000	-75.23	-13.00	62.23	100.0	H	89.0	-101.4

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

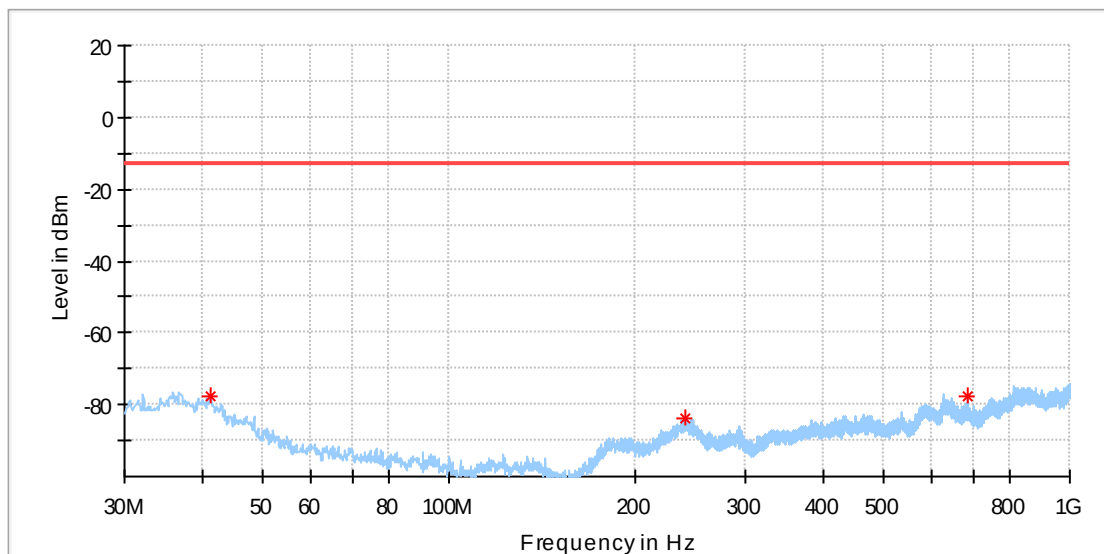
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.990000	-72.63	-13.00	59.63	100.0	V	0.0	-99.6
295.173750	-84.97	-13.00	71.97	100.0	V	178.0	-111.8
530.156250	-79.79	-13.00	66.79	100.0	V	146.0	-107.8

QPSK

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



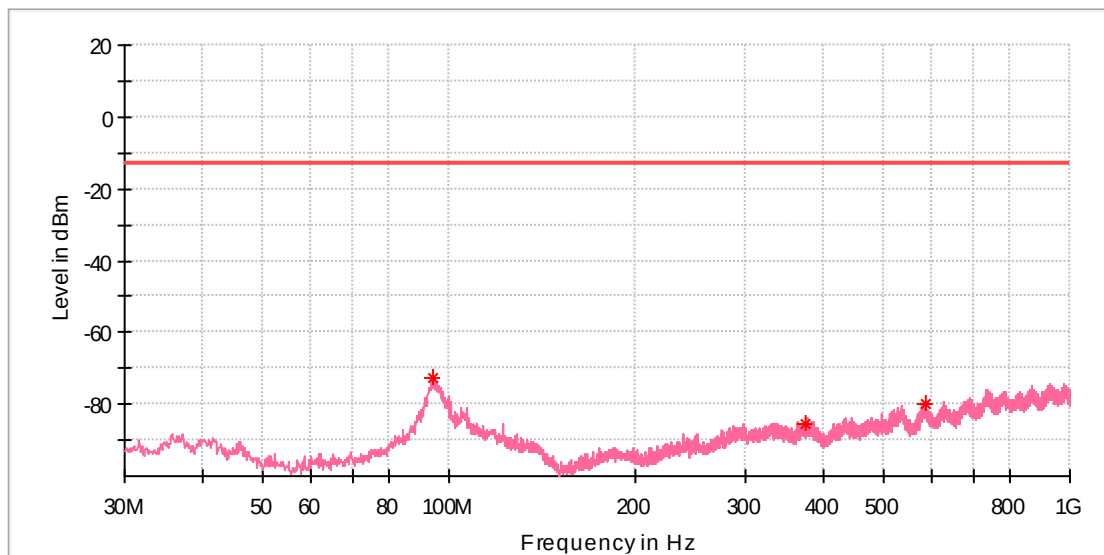
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.397500	-77.81	-13.00	64.81	100.0	H	292.0	-112.2
240.611250	-84.06	-13.00	71.06	100.0	H	314.0	-110.4
683.658750	-77.85	-13.00	64.85	100.0	H	35.0	-106.0

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX 15kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

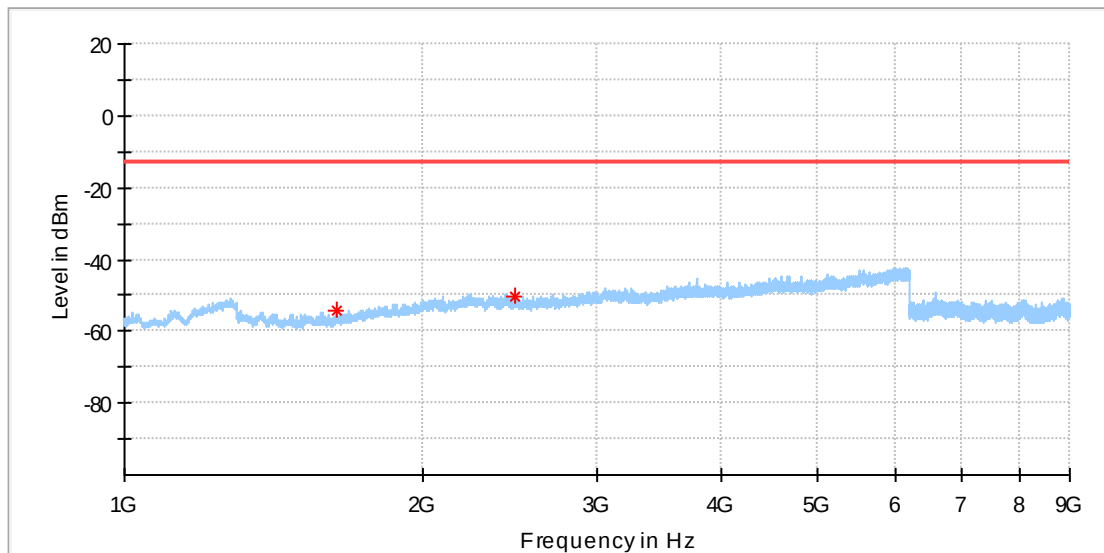
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.70	-13.00	59.70	100.0	V	359.0	-99.6
374.713750	-85.22	-13.00	72.22	100.0	V	128.0	-110.9
583.870000	-80.00	-13.00	67.00	100.0	V	65.0	-106.6

Above 1 GHz
 Low Channel
 3.75 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 3.75kHzQPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1639.000000	-54.24	---	-13.00	41.24	100.0	H	70.0	-92.5
2482.000000	-50.17	---	-13.00	37.17	100.0	H	325.0	-88.0

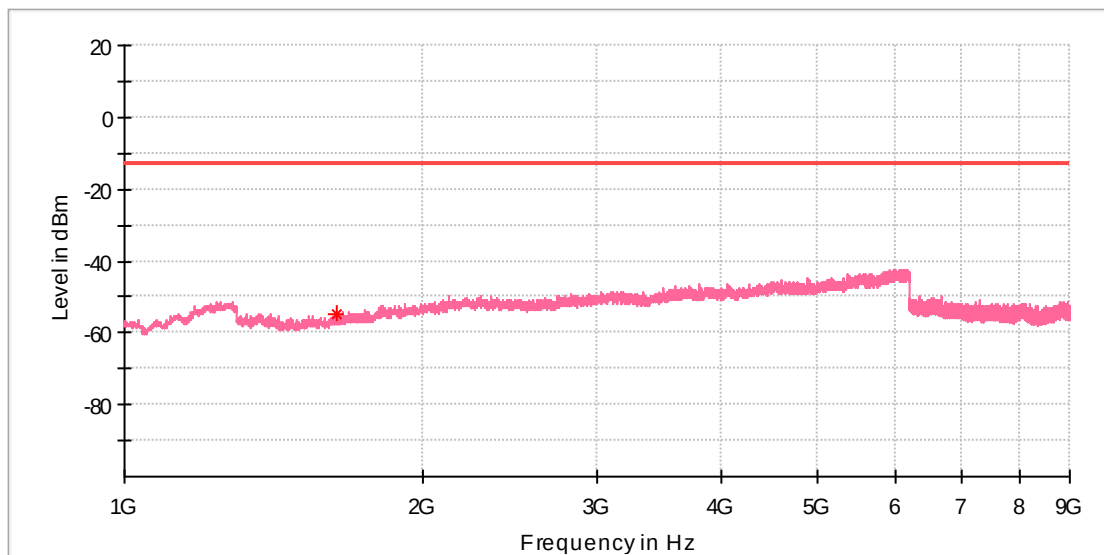
Final Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1638.500000	-54.85	---	-13.00	41.85	100.0	V	191.0	-92.5

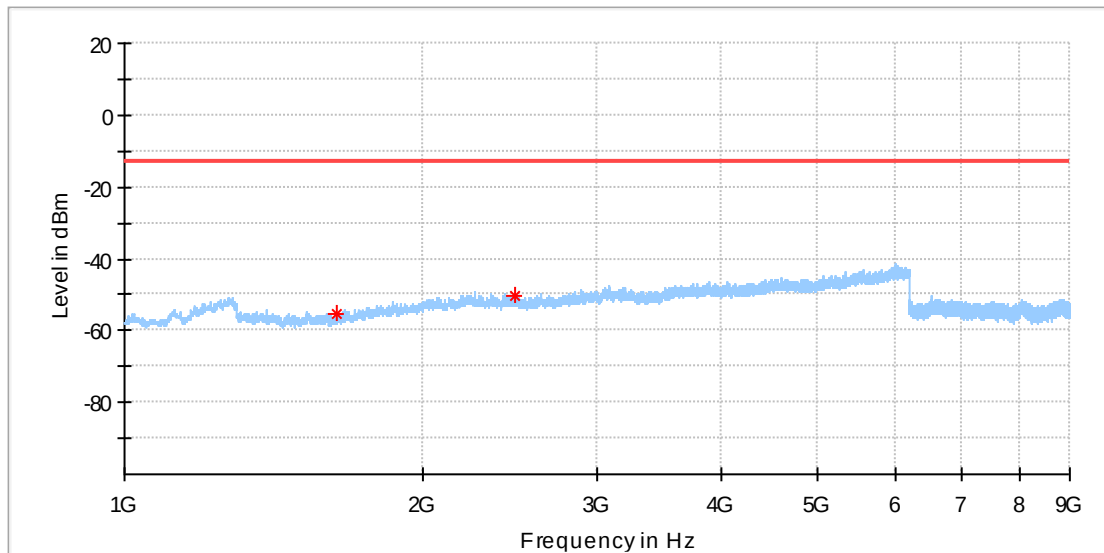
Final_Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1640.500000	-55.11	---	-13.00	42.11	100.0	H	273.0	-92.4
2476.000000	-50.48	---	-13.00	37.48	100.0	H	264.0	-88.0

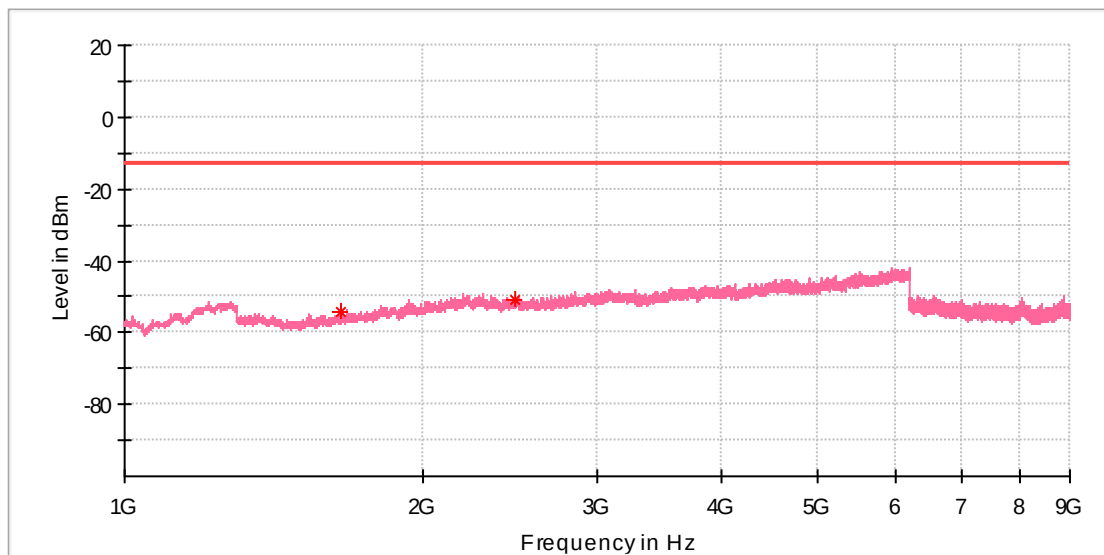
Final Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 3.75kHz QPSK 1@47
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1656.000000	-54.46	---	-13.00	41.46	100.0	V	338.0	-92.3
2481.500000	-50.65	---	-13.00	37.65	100.0	V	357.0	-88.0

Final Result

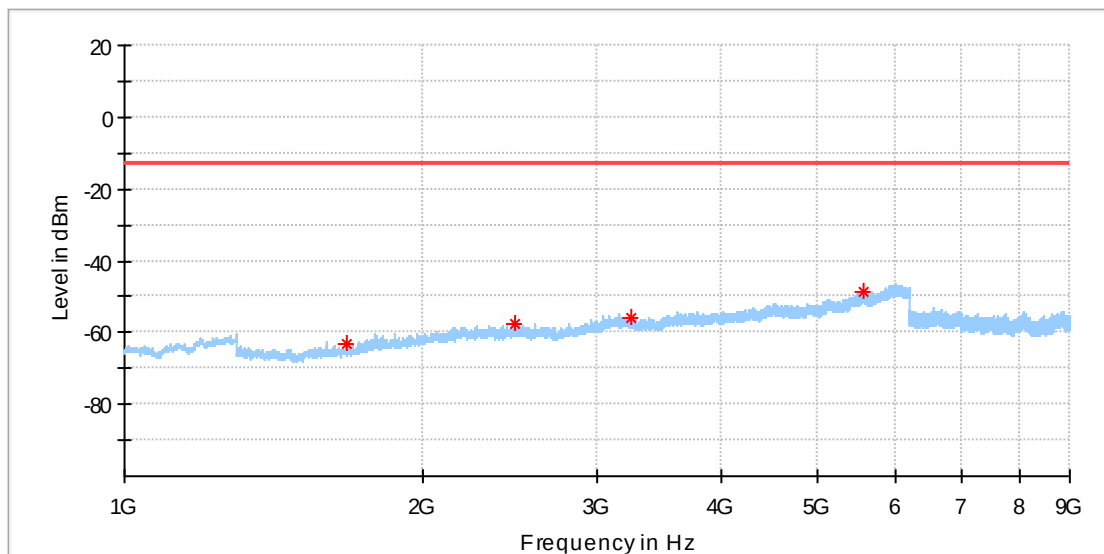
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



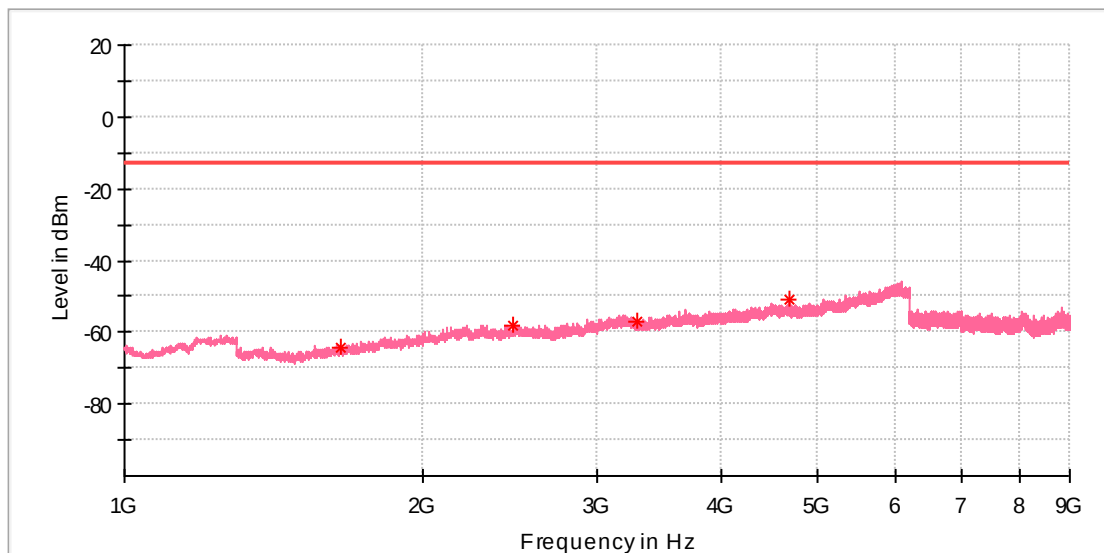
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1678.500000	-63.05	-13.00	50.05	100.0	H	248.0	-92.4
2473.000000	-57.77	-13.00	44.77	100.0	H	213.0	-87.9
3242.500000	-56.00	-13.00	43.00	100.0	H	41.0	-86.9
5567.000000	-48.45	-13.00	35.45	100.0	H	220.0	-81.6

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-WW
Test Mode: TX Low 15kHz BPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:42%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



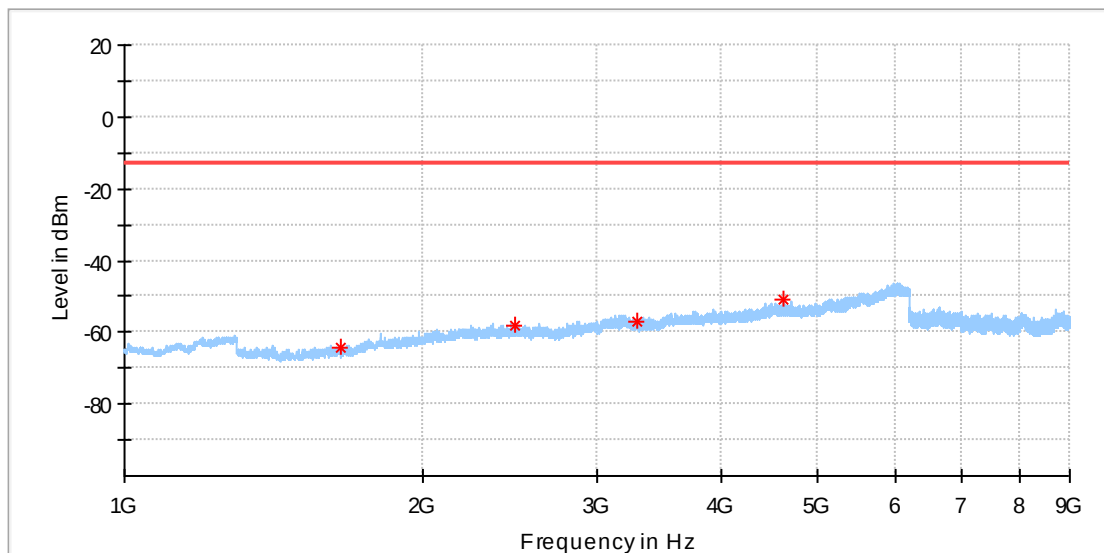
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1654.500000	-64.34	-13.00	51.34	100.0	V	239.0	-92.3
2466.000000	-57.97	-13.00	44.97	100.0	V	10.0	-88.1
3297.500000	-57.00	-13.00	44.00	100.0	V	274.0	-87.3
4683.000000	-51.08	-13.00	38.08	100.0	V	155.0	-83.7

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



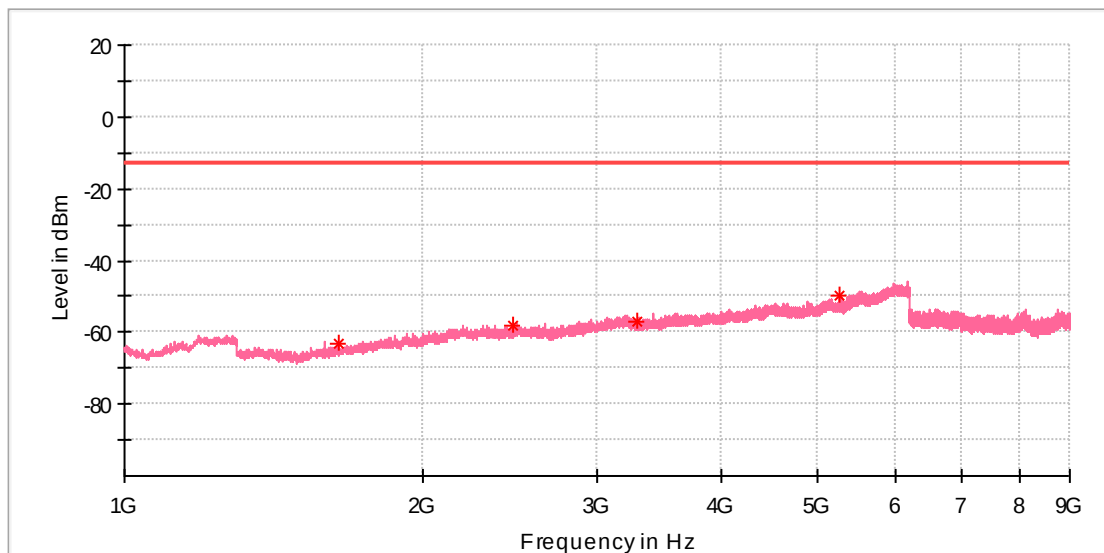
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1655.500000	-64.40	-13.00	51.40	100.0	H	119.0	-92.6
2479.000000	-58.19	-13.00	45.19	100.0	H	71.0	-88.0
3287.500000	-56.75	-13.00	43.75	100.0	H	238.0	-87.2
4635.000000	-51.10	-13.00	38.10	100.0	H	286.0	-83.7

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
TestMode:	TX Low 15kHz BPSK 1@11
TestVoltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



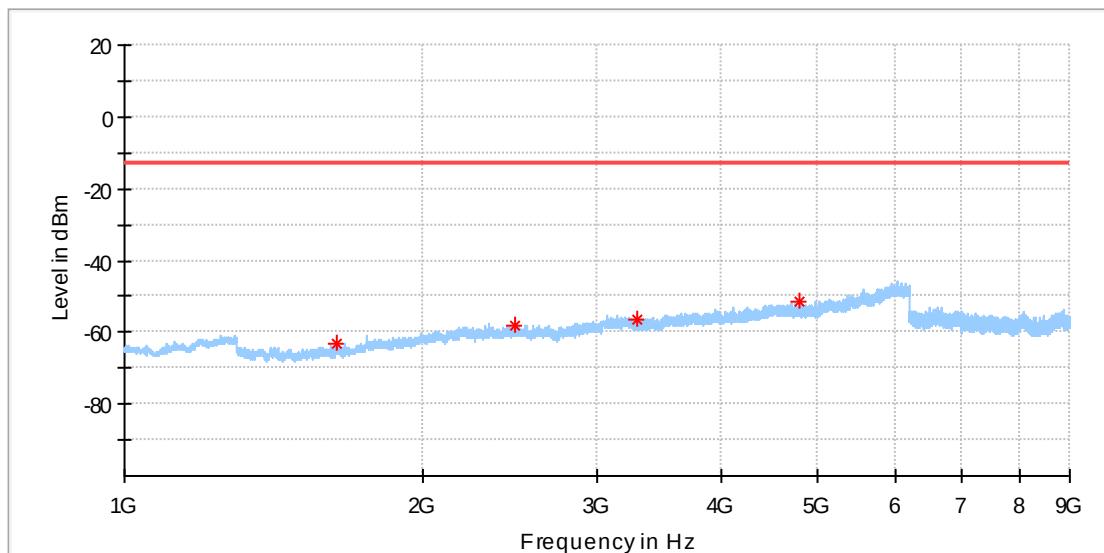
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1646.500000	-63.02	-13.00	50.02	100.0	V	110.0	-92.4
2470.500000	-57.94	-13.00	44.94	100.0	V	41.0	-88.0
3299.000000	-57.19	-13.00	44.19	100.0	V	145.0	-87.3
5267.500000	-49.52	-13.00	36.52	100.0	V	171.0	-83.2

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
TestMode:	TX Low 15kHz QPSK 12@0
TestVoltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



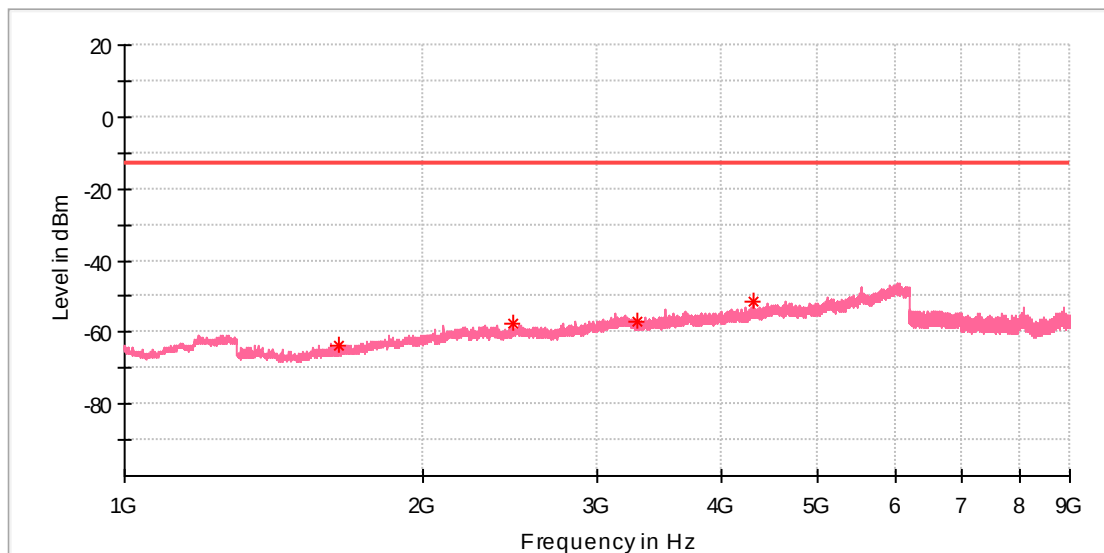
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1640.000000	-63.35	-13.00	50.35	100.0	H	255.0	-92.4
2476.000000	-58.12	-13.00	45.12	100.0	H	60.0	-88.0
3296.000000	-56.51	-13.00	43.51	100.0	H	213.0	-87.2
4791.000000	-51.55	-13.00	38.55	100.0	H	213.0	-83.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

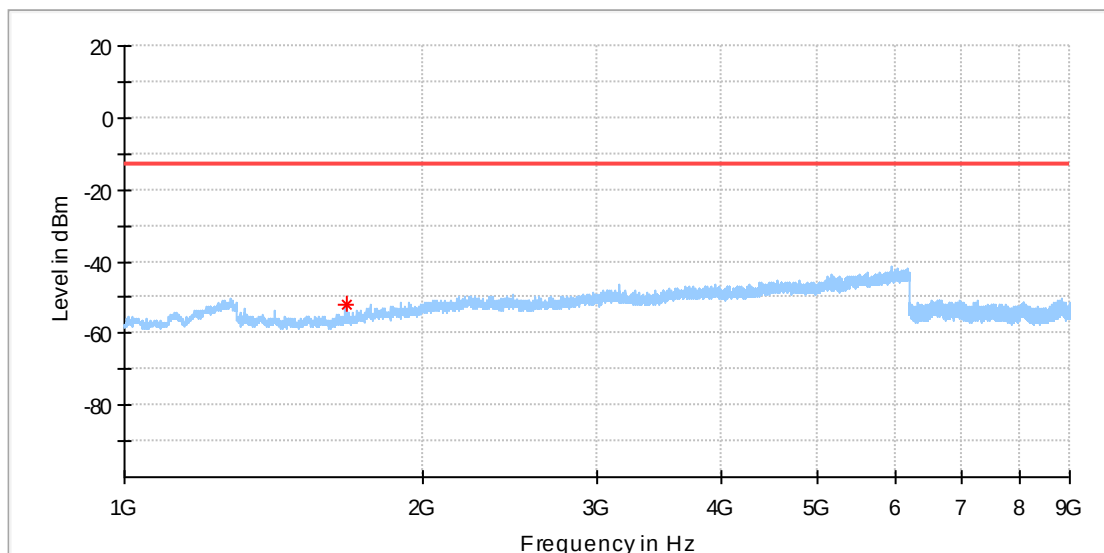
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1644.500000	-63.99	-13.00	50.99	100.0	V	161.0	-92.4
2465.500000	-57.54	-13.00	44.54	100.0	V	314.0	-88.1
3292.500000	-56.76	-13.00	43.76	100.0	V	224.0	-87.2
4309.500000	-51.65	-13.00	38.65	100.0	V	335.0	-85.0

Mid Channel
3.75 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1673.000000	-51.73	---	-13.00	38.73	100.0	H	163.0	-92.5

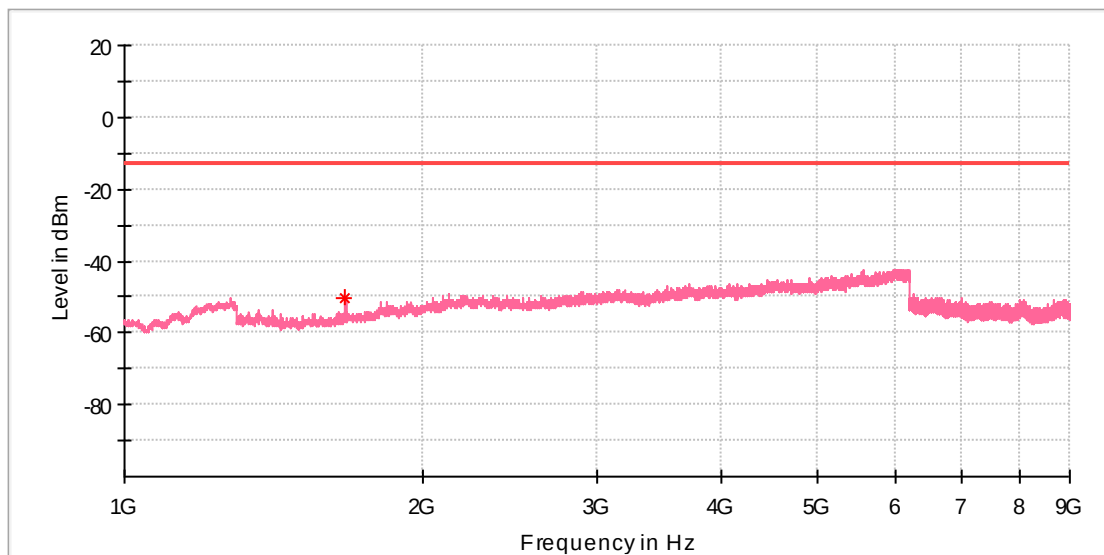
Final Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1672.500000	-50.57	---	-13.00	37.57	100.0	V	172.0	-92.2

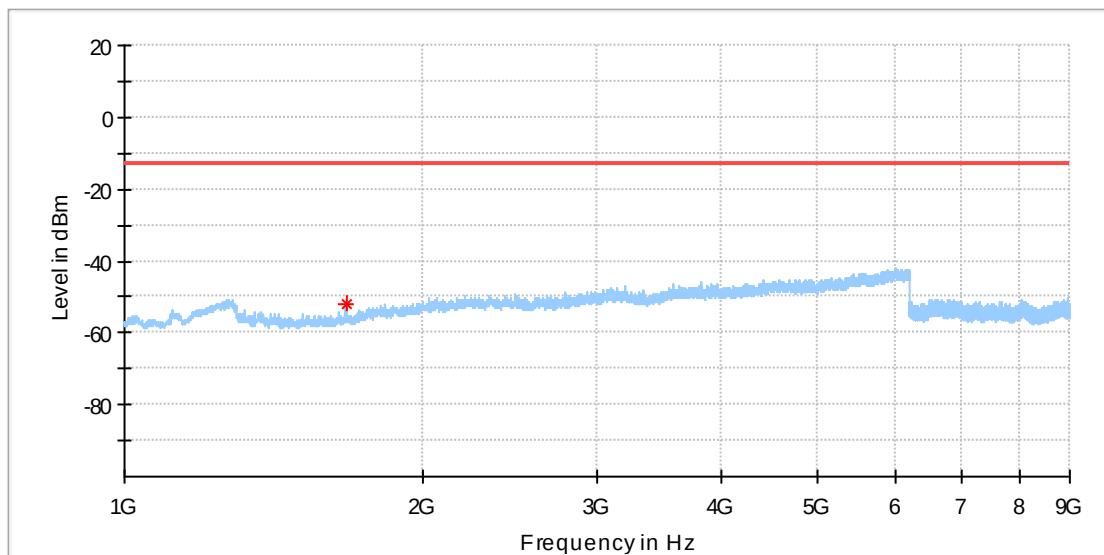
Final_Result

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

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-WW
Test Mode: TX Mid 3.75kHz QPSK 1@47
Test Voltage:: DC 3.8V
Remark: Temp 22 Humi:50%
Test Standard: FCC Part 22 and RSS-132 Issue 3
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)
1673.000000	-52.09	---	-13.00	39.09	100.0	H	72.0	-92.5

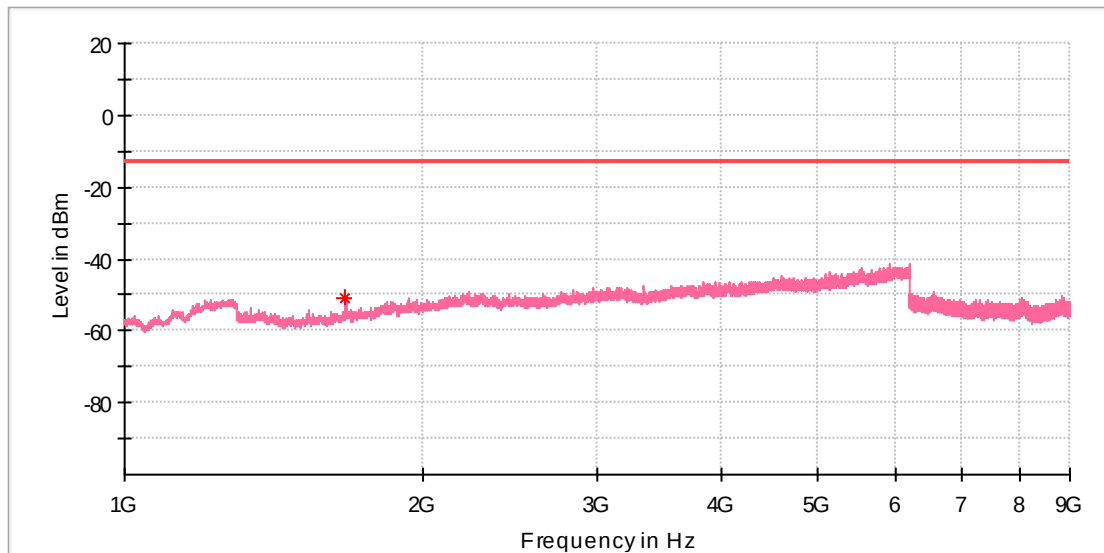
Final_Result

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

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1672.500000	-50.99	---	-13.00	37.99	100.0	V	182.0	-92.2

Final_Result

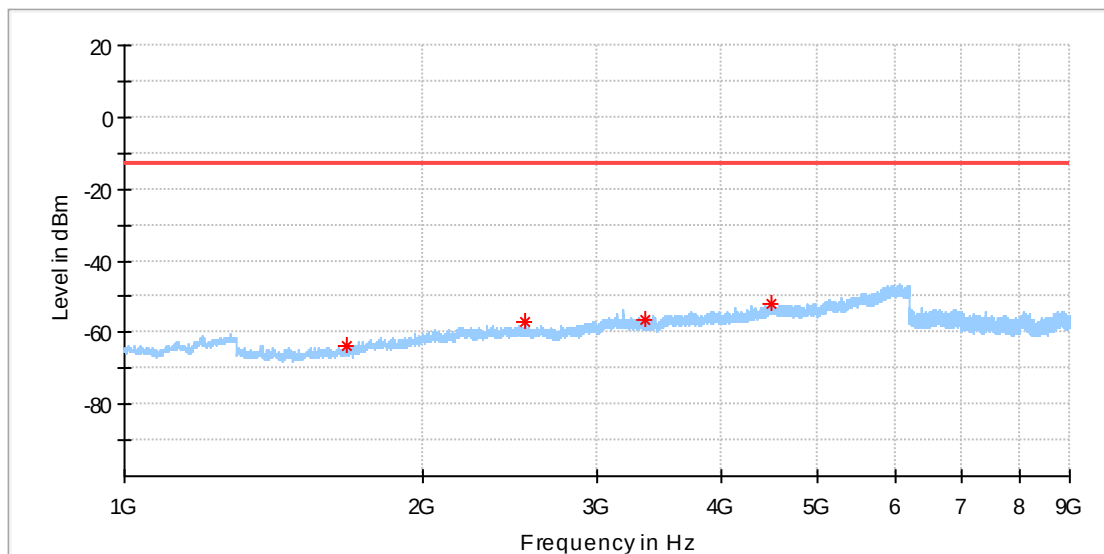
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



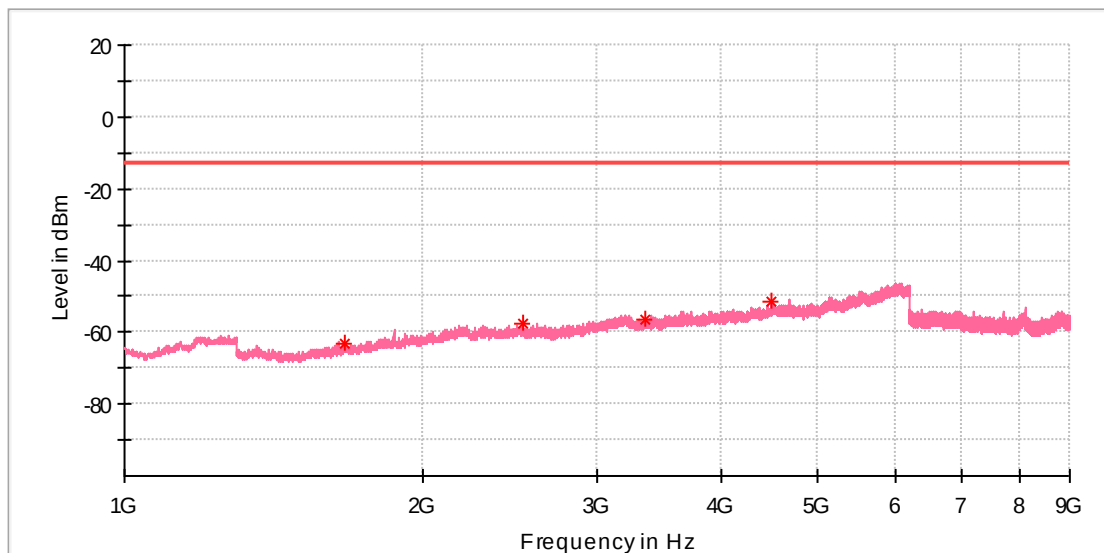
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1676.000000	-63.82	-13.00	50.82	100.0	H	224.0	-92.4
2543.000000	-57.23	-13.00	44.23	100.0	H	259.0	-88.3
3348.500000	-56.22	-13.00	43.22	100.0	H	140.0	-87.3
4497.000000	-51.80	-13.00	38.80	100.0	H	231.0	-83.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
TestMode:	TX Mid 15kHz BPSK 1@0
TestVoltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



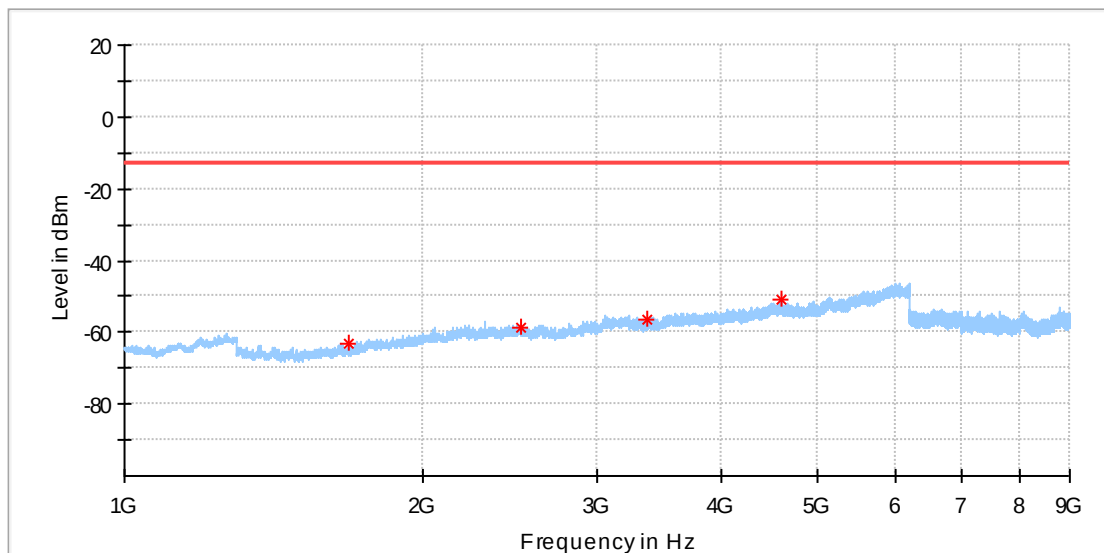
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1668.500000	-63.39	-13.00	50.39	100.0	V	11.0	-92.2
2529.500000	-57.76	-13.00	44.76	100.0	V	157.0	-88.4
3347.500000	-56.63	-13.00	43.63	100.0	V	268.0	-87.3
4497.000000	-51.50	-13.00	38.50	100.0	V	331.0	-83.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
TestMode:	TX Mid 15kHz BPSK 1@11
TestVoltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



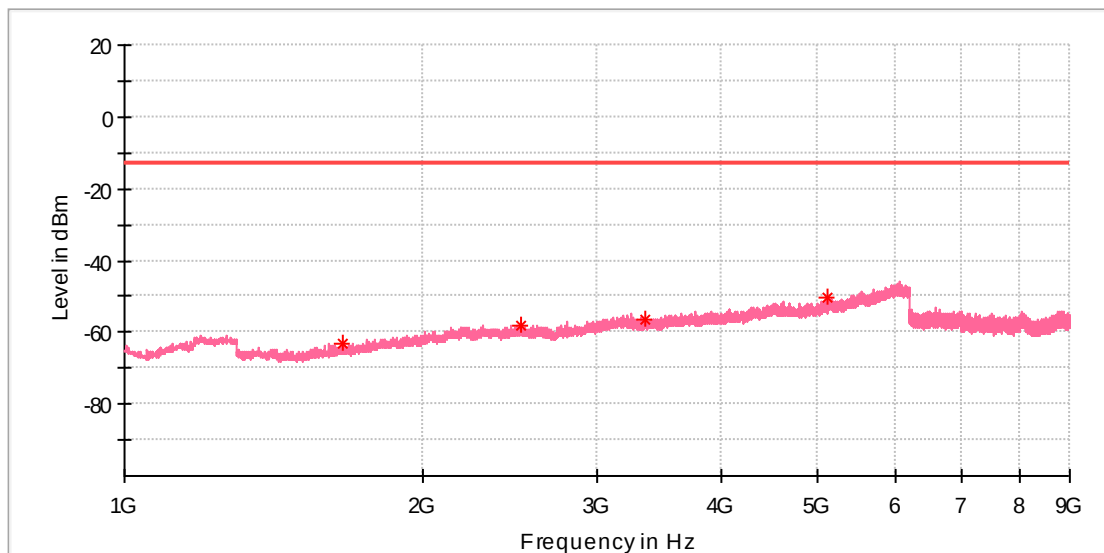
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1684.000000	-63.42	-13.00	50.42	100.0	H	246.0	-92.4
2509.000000	-58.66	-13.00	45.66	100.0	H	3.0	-88.3
3372.500000	-56.28	-13.00	43.28	100.0	H	337.0	-87.4
4599.000000	-50.93	-13.00	37.93	100.0	H	33.0	-83.7

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



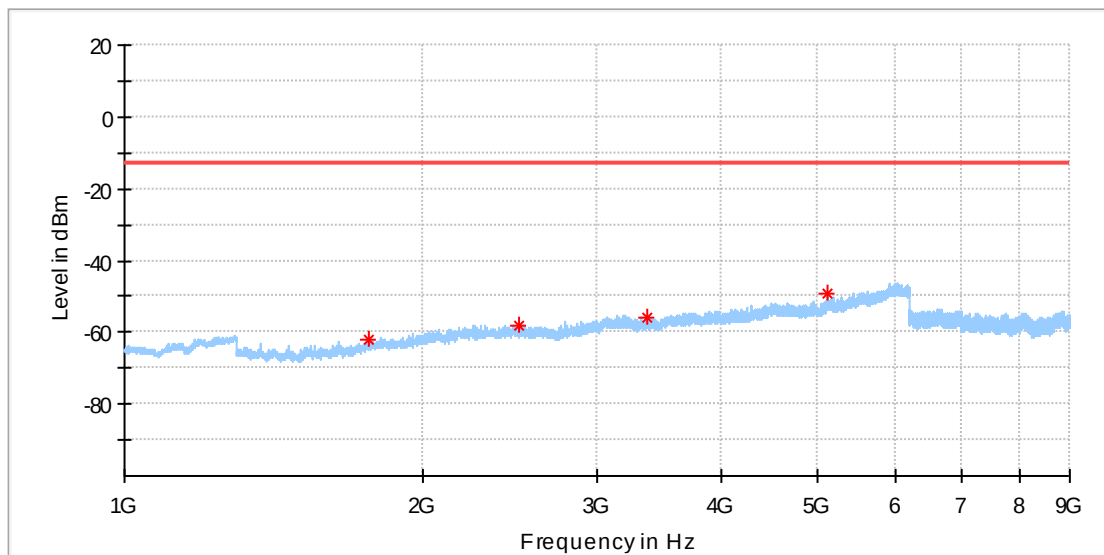
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1659.000000	-63.33	-13.00	50.33	100.0	V	354.0	-92.3
2514.000000	-58.28	-13.00	45.28	100.0	V	209.0	-88.2
3347.000000	-56.42	-13.00	43.42	100.0	V	359.0	-87.3
5123.000000	-50.25	-13.00	37.25	100.0	V	160.0	-83.1

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
TestMode:	TX Mid 15kHz QPSK 12@0
TestVoltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



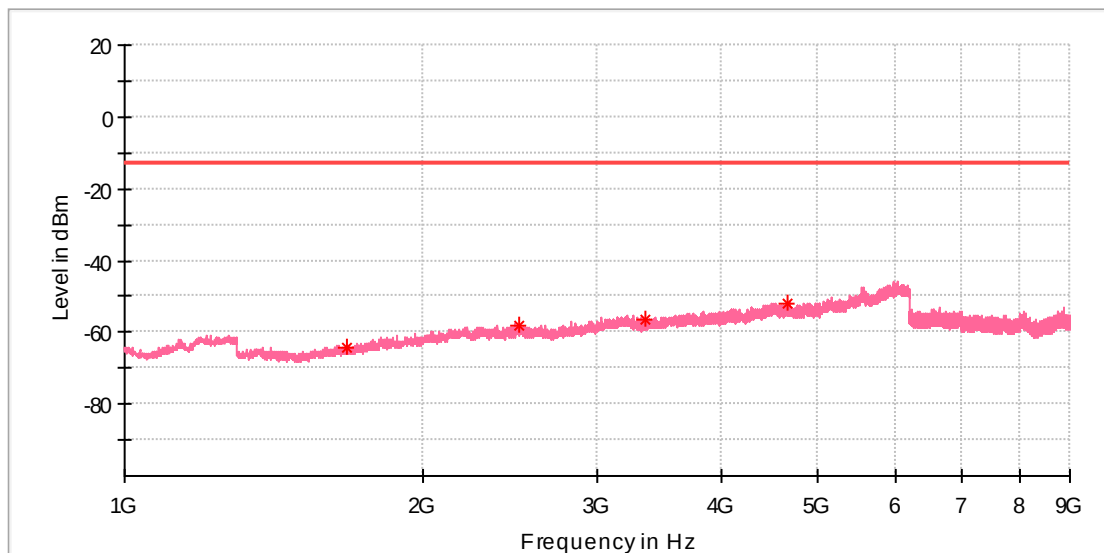
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1762.500000	-62.06	-13.00	49.06	100.0	H	359.0	-90.5
2505.000000	-58.26	-13.00	45.27	100.0	H	0.0	-88.3
3372.000000	-56.06	-13.00	43.06	100.0	H	312.0	-87.4
5123.000000	-49.44	-13.00	36.44	100.0	H	333.0	-83.0

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

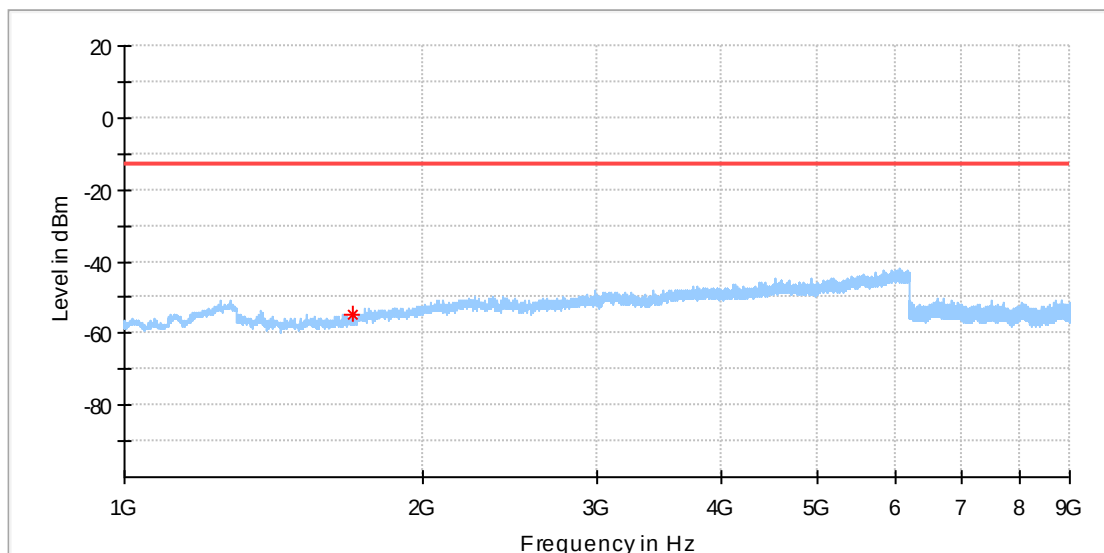
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1674.500000	-64.08	-13.00	51.08	100.0	V	282.0	-92.1
2501.000000	-58.36	-13.00	45.36	100.0	V	324.0	-88.1
3348.000000	-56.43	-13.00	43.43	100.0	V	6.0	-87.3
4659.000000	-52.05	-13.00	39.05	100.0	V	46.0	-83.7

High Channel
3.75 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 3.75kHz QPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
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)
1701.500000	-54.78	---	-13.00	41.78	100.0	H	131.0	-92.3

Final Result

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