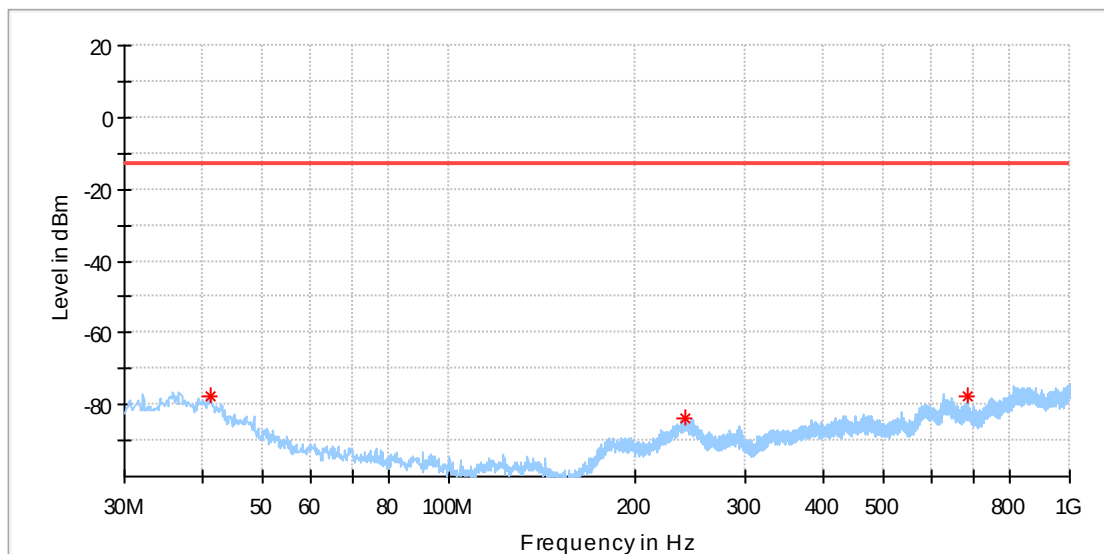


QPSK

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



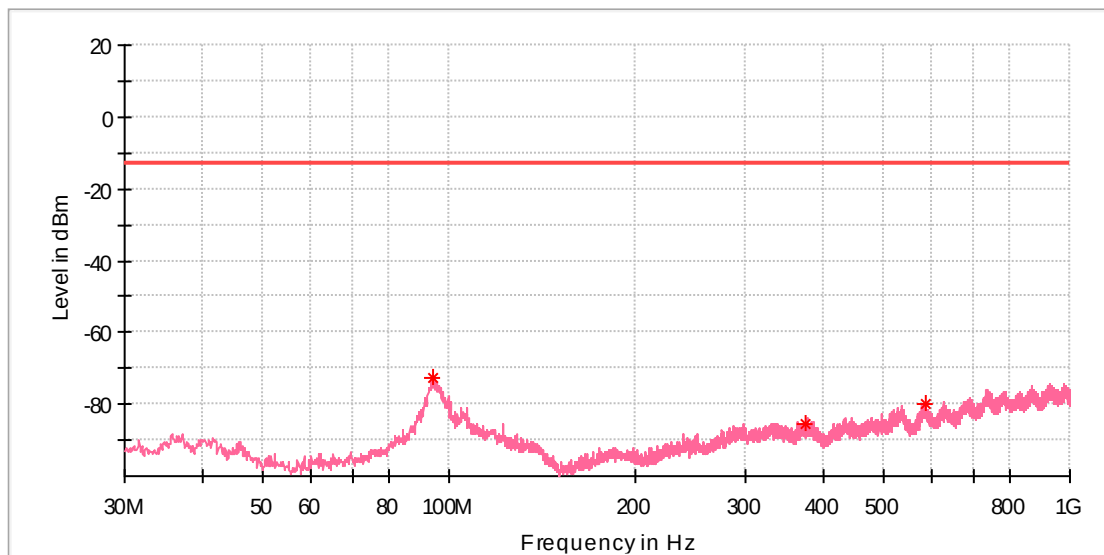
Critical Freqs

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

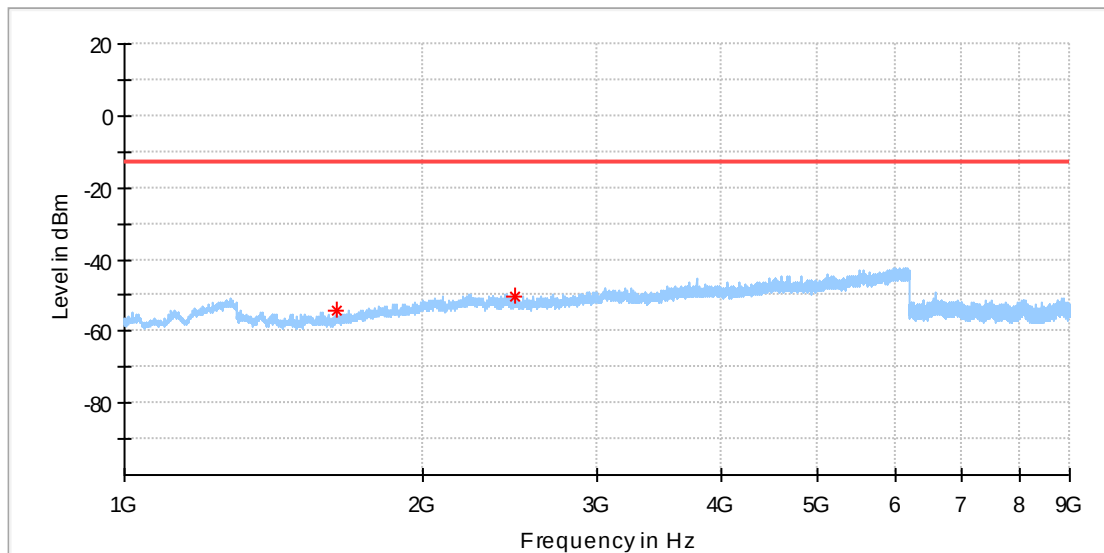
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.70	-13.00	59.70	100.0	V	359.0	-99.6
374.713750	-85.22	-13.00	72.22	100.0	V	128.0	-110.9
583.870000	-80.00	-13.00	67.00	100.0	V	65.0	-106.6

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

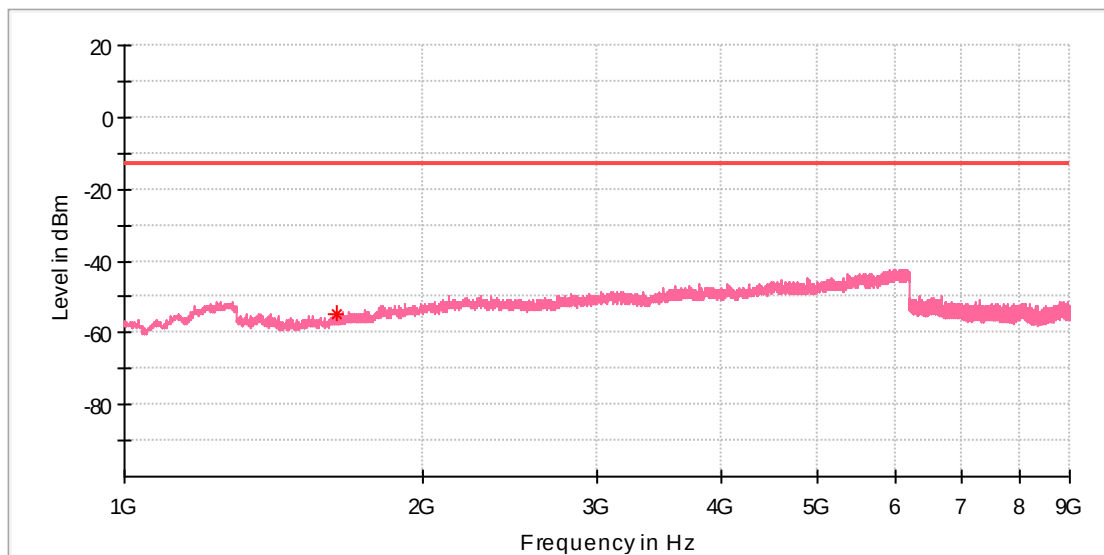
Final Result

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

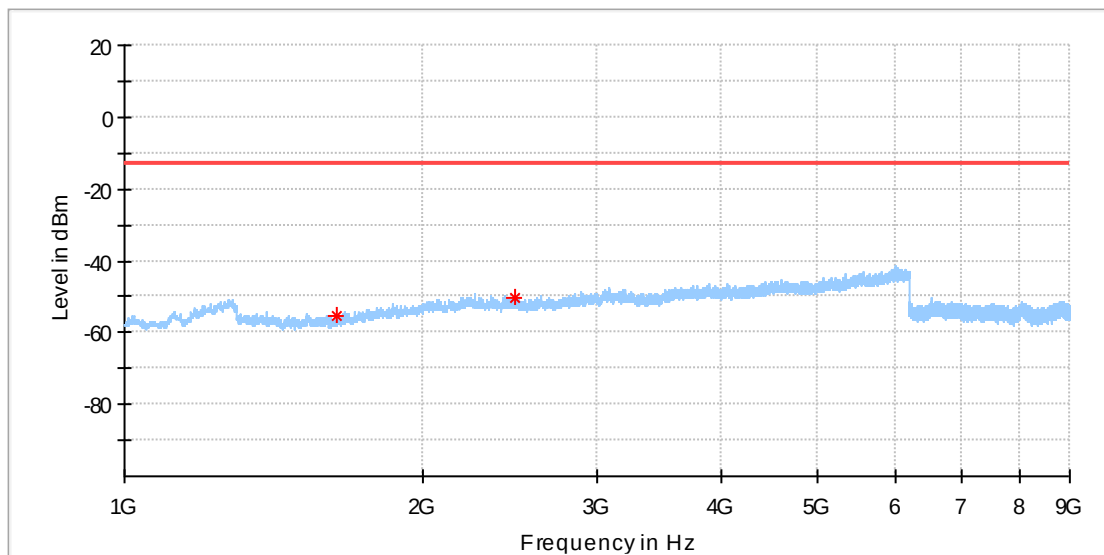
Final_Result

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

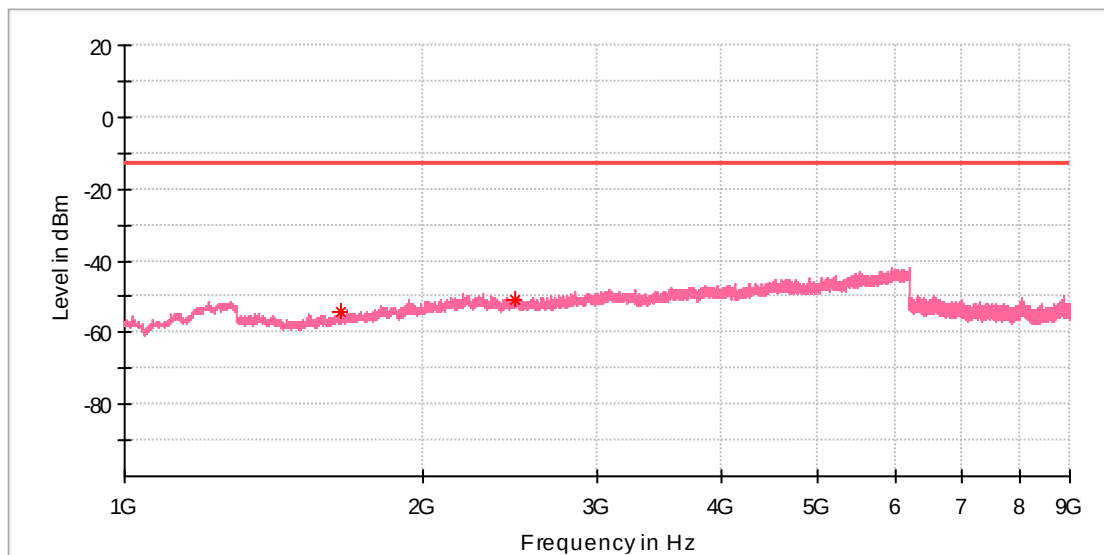
Final Result

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

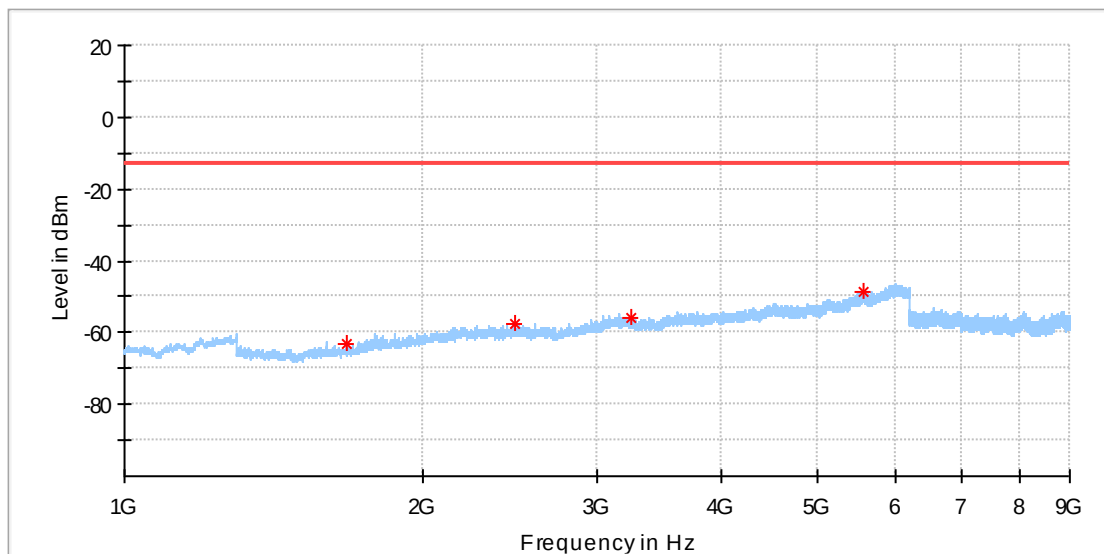
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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



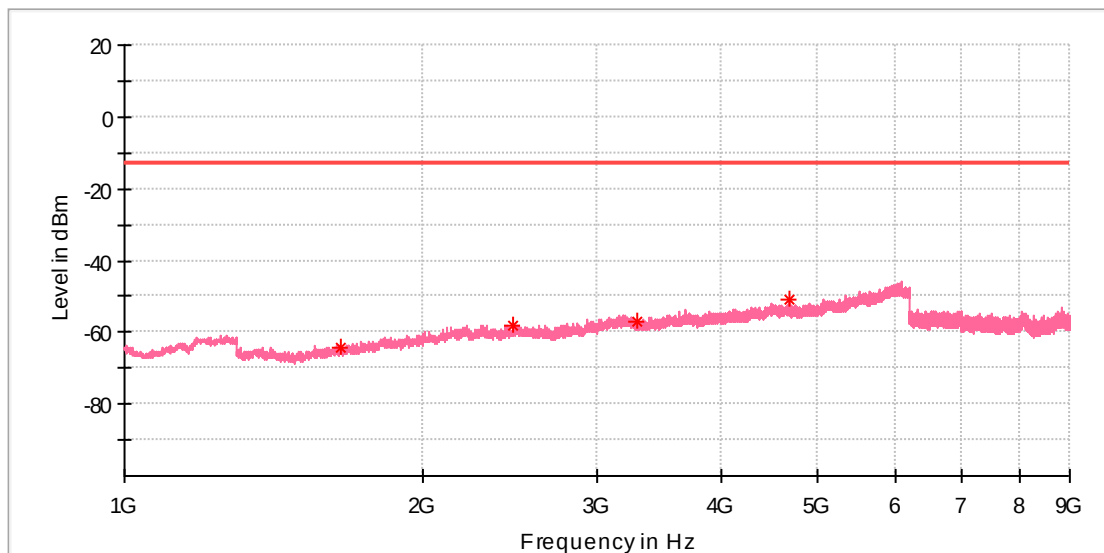
Critical Freqs

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



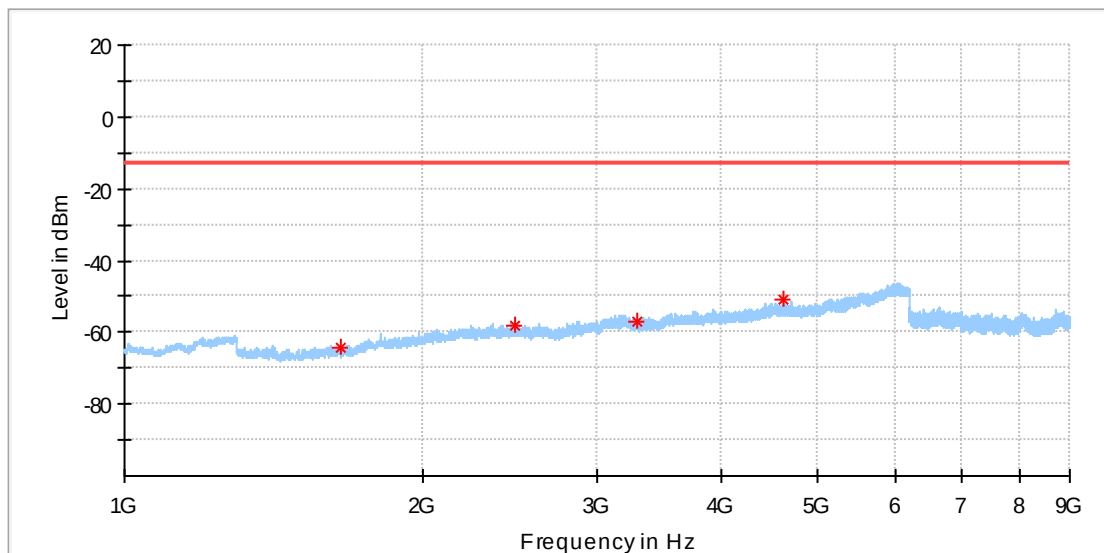
Critical Freqs

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



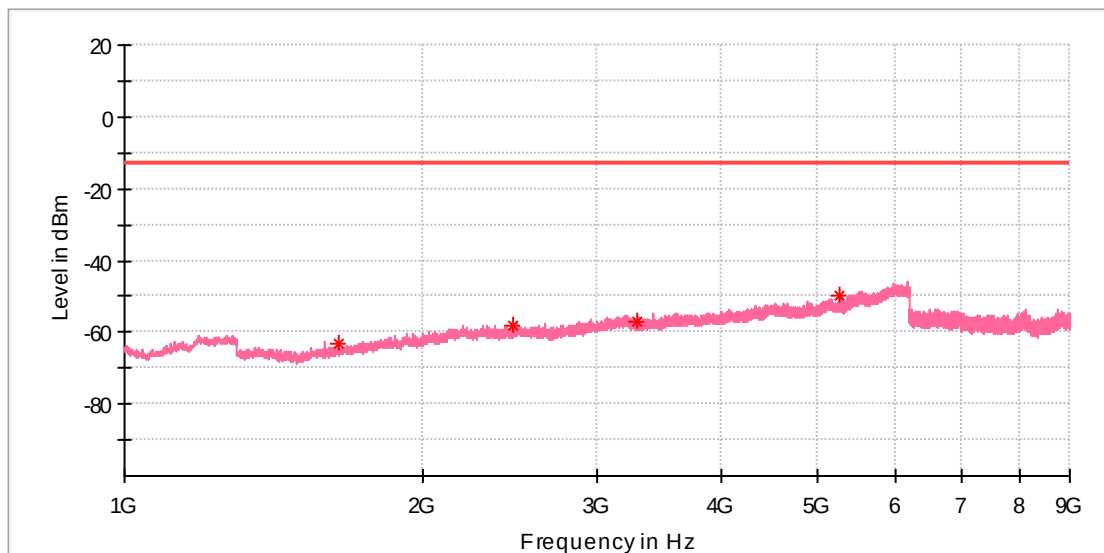
Critical Freqs

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
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



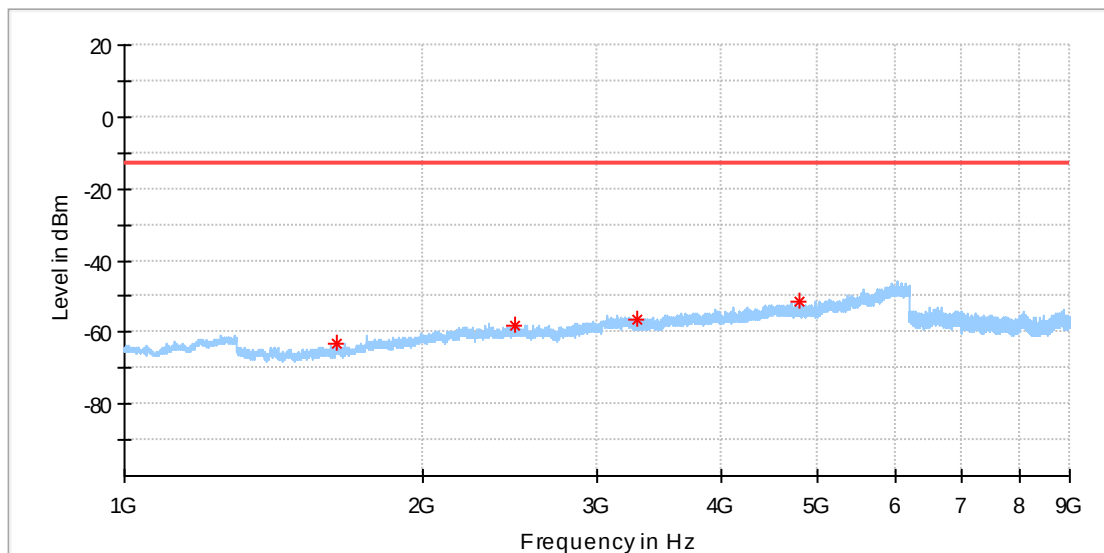
Critical Freqs

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



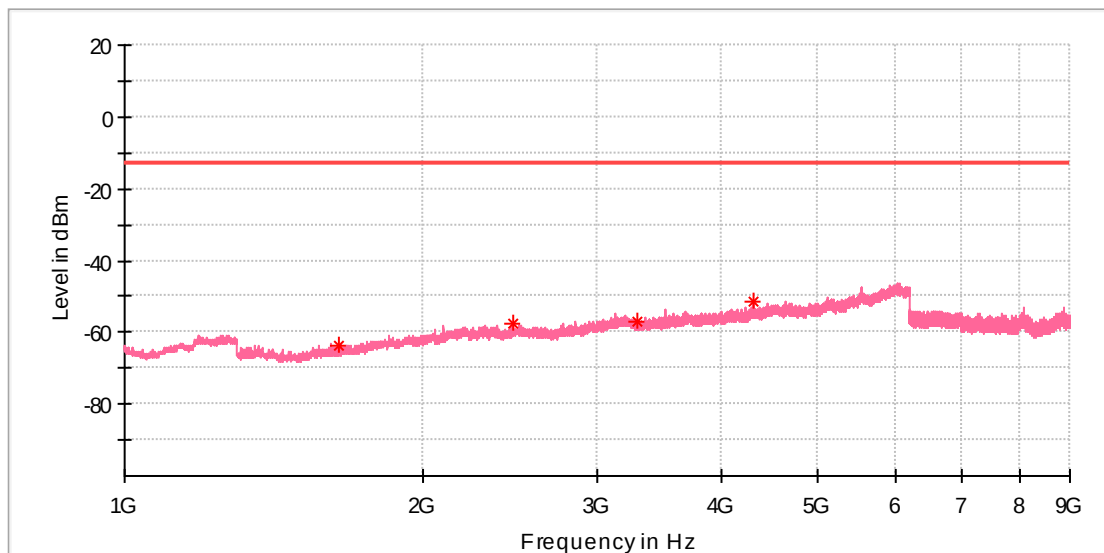
Critical Freqs

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

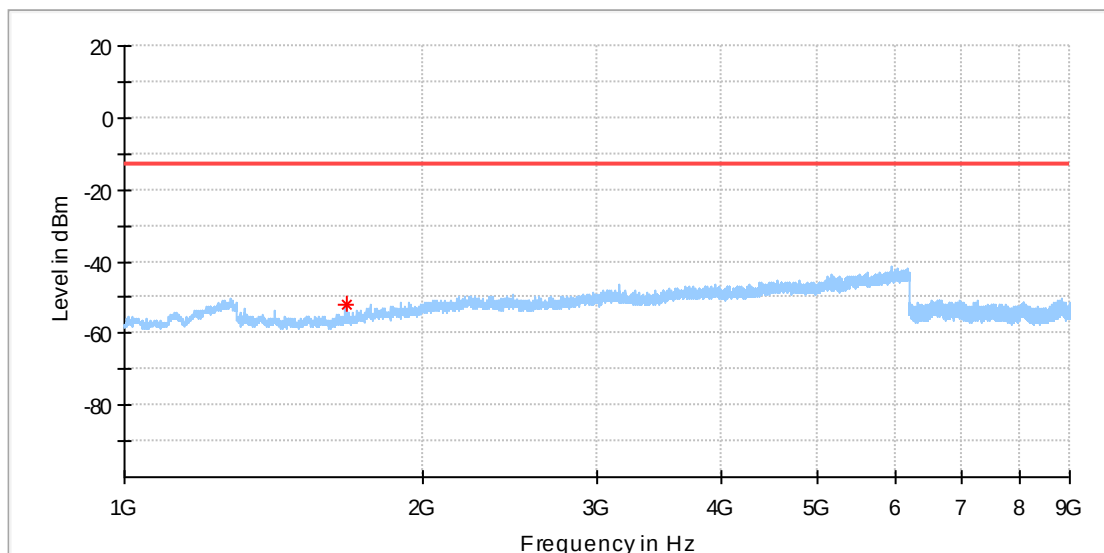
Produkte
Products

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 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

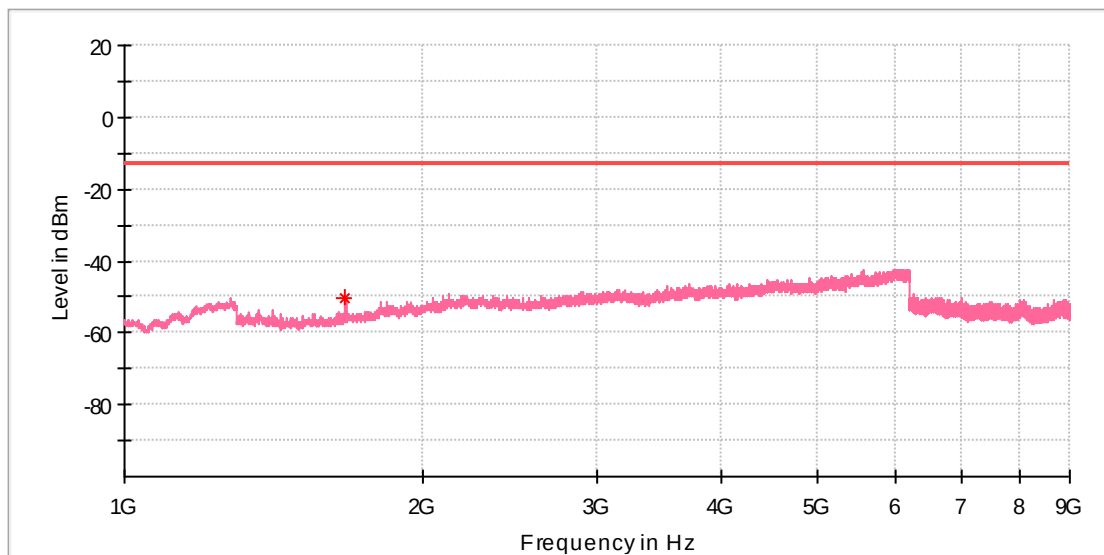
Final Result

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

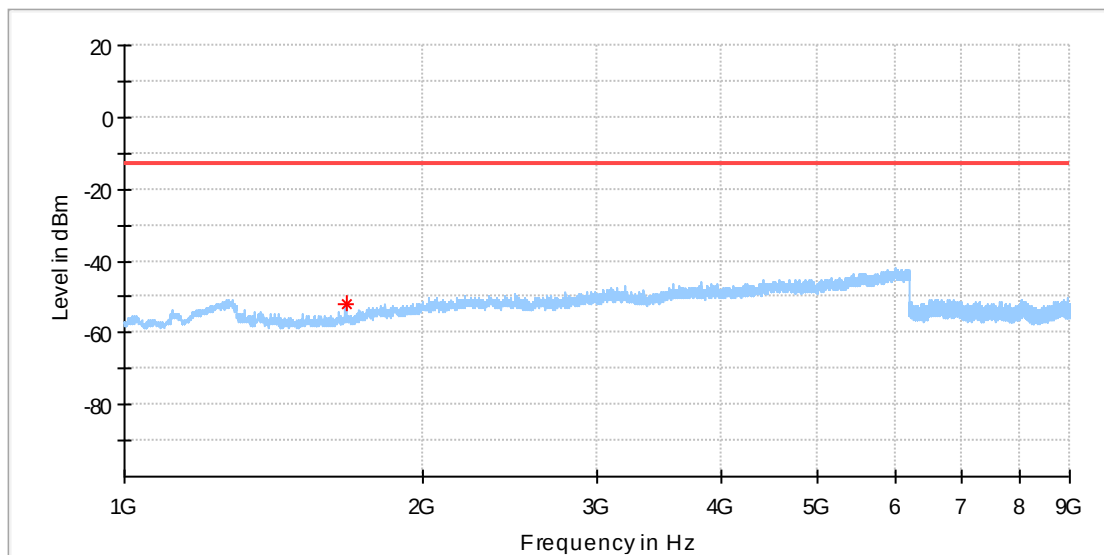
Final_Result

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

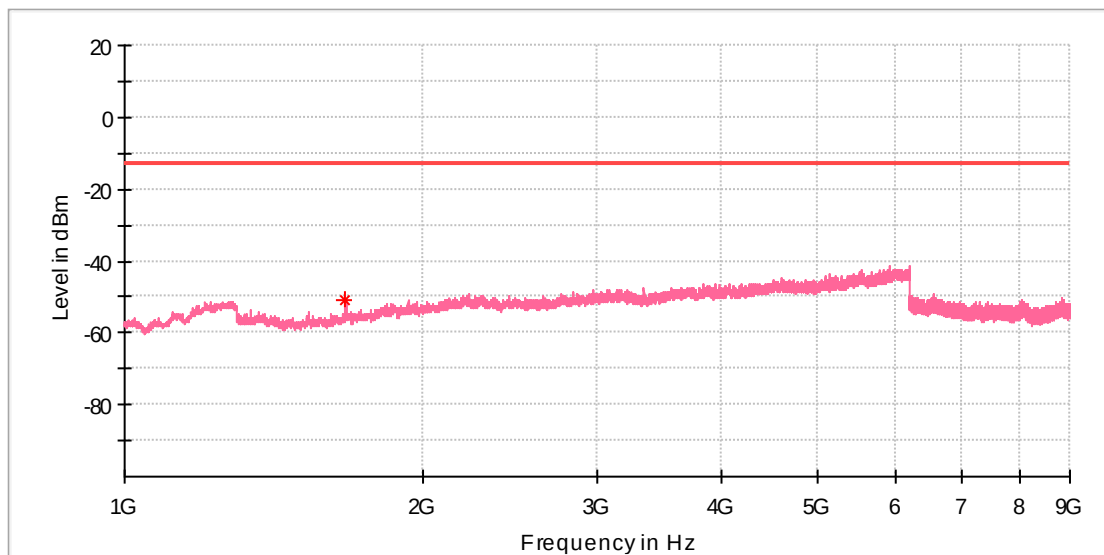
Final_Result

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

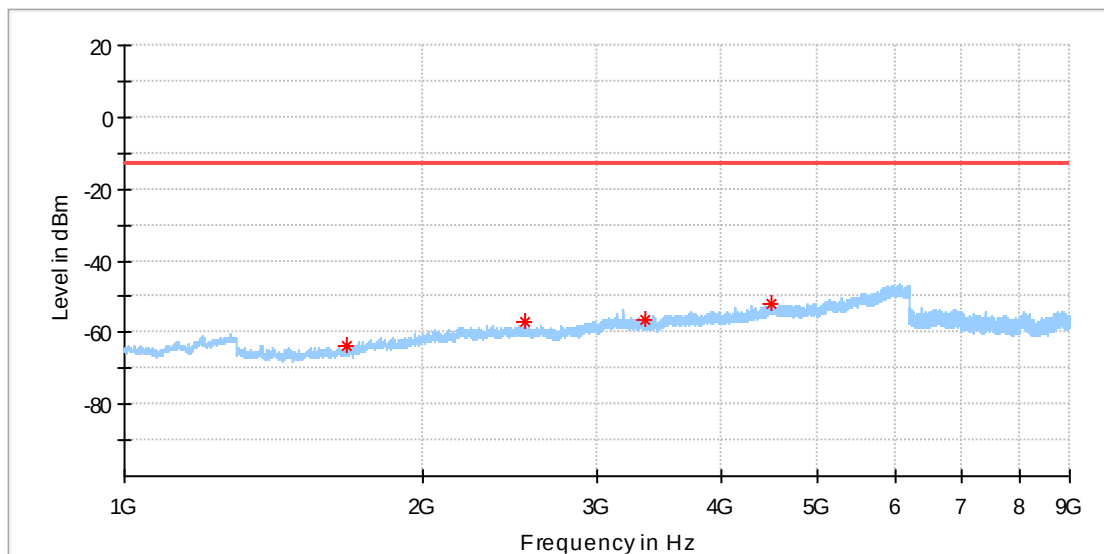
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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



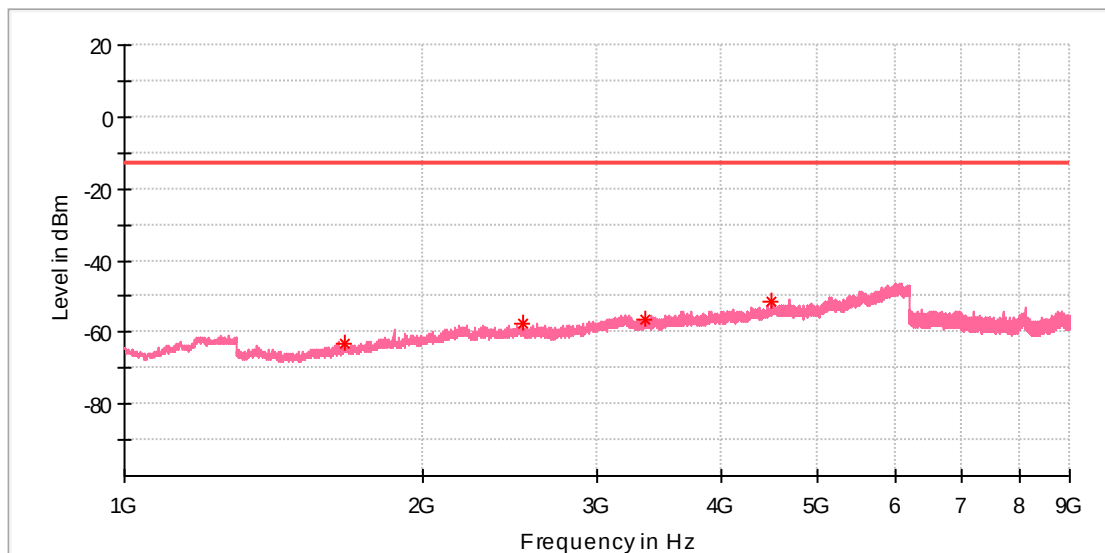
Critical Freqs

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



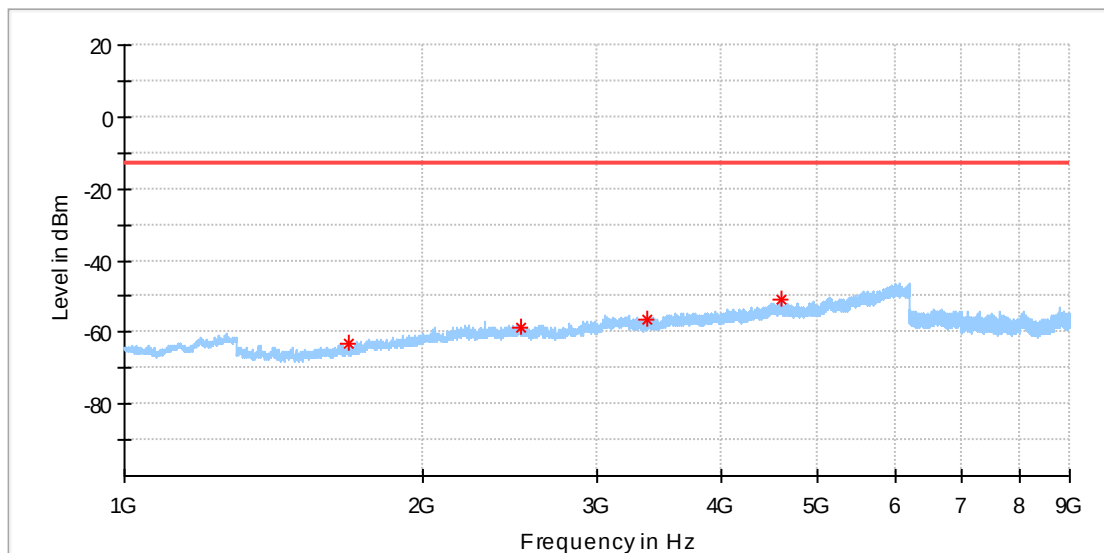
Critical Freqs

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



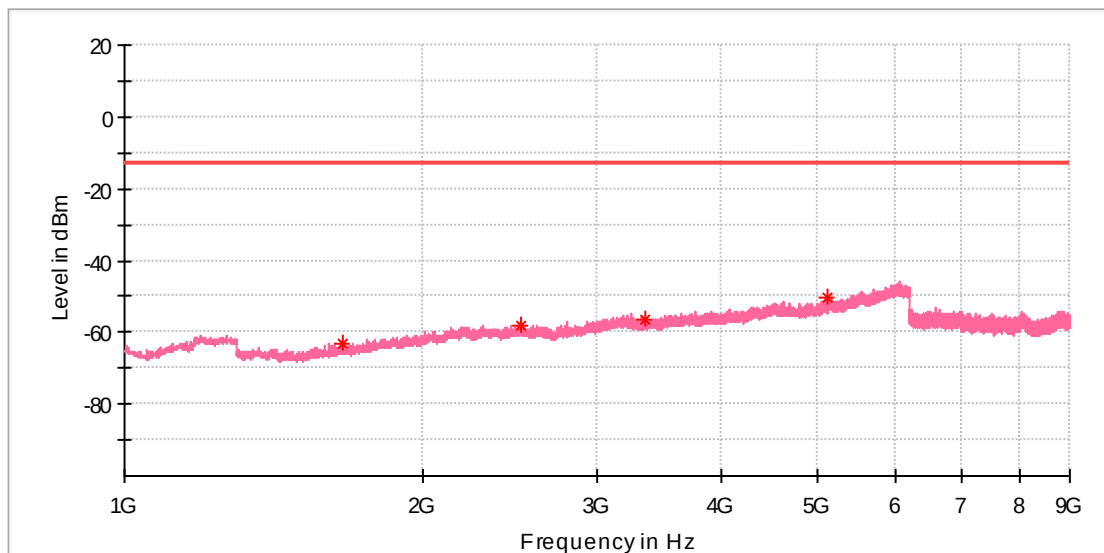
Critical Freqs

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



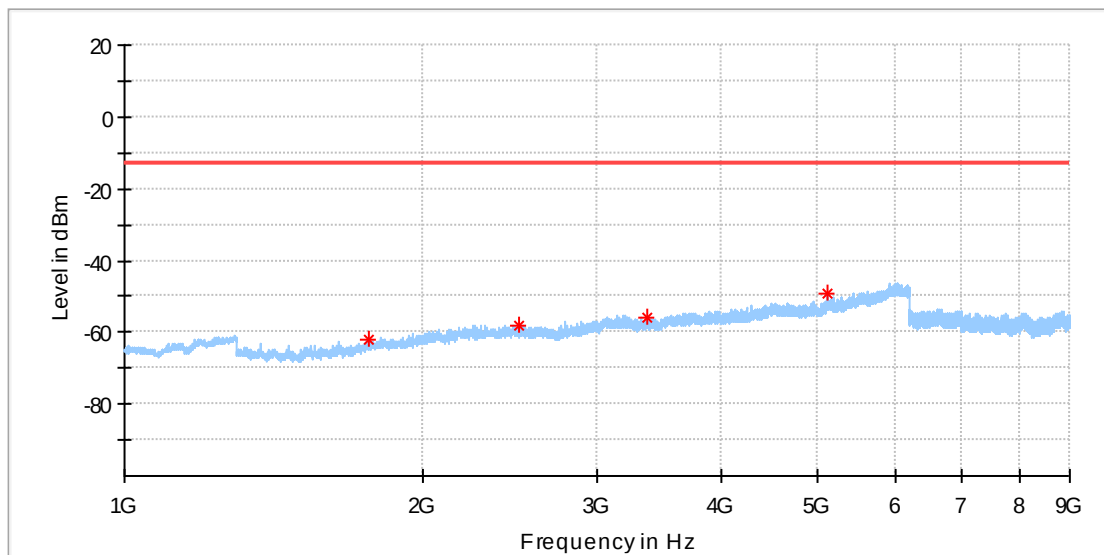
Critical Freqs

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
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



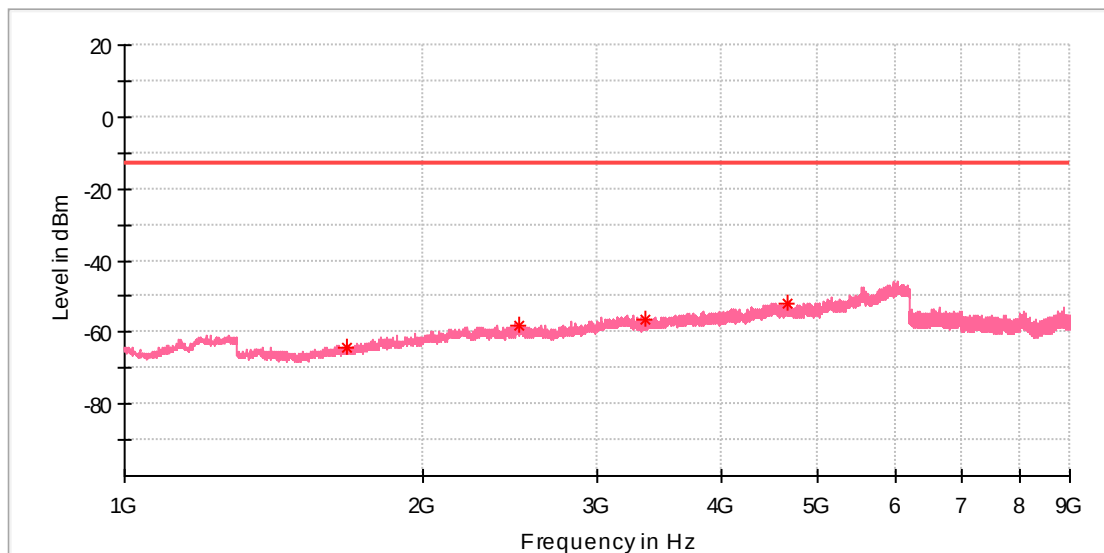
Critical Freqs

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

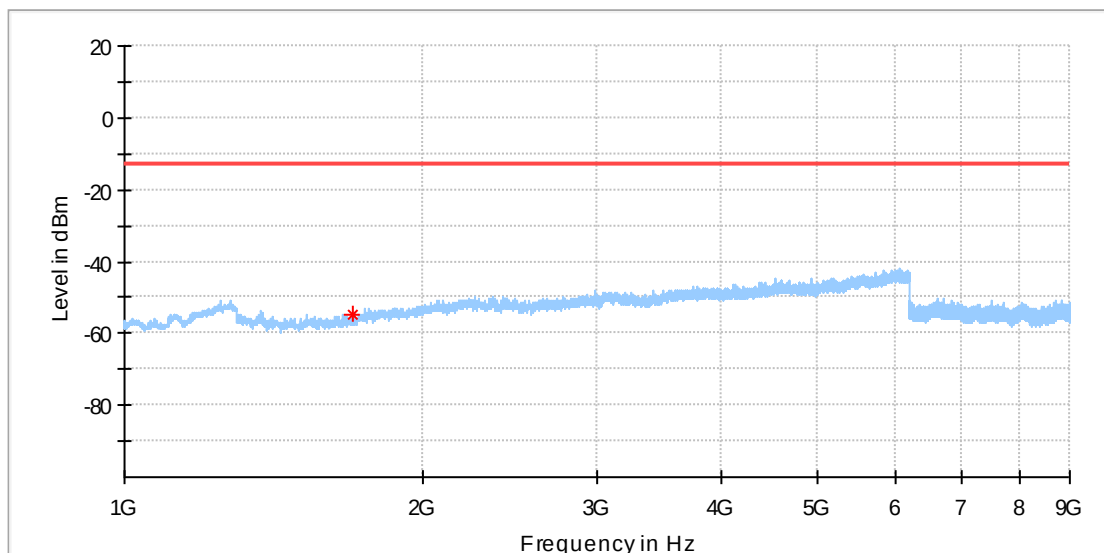
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1674.500000	-64.08	-13.00	51.08	100.0	V	282.0	-92.1
2501.000000	-58.36	-13.00	45.36	100.0	V	324.0	-88.1
3348.000000	-56.43	-13.00	43.43	100.0	V	6.0	-87.3
4659.000000	-52.05	-13.00	39.05	100.0	V	46.0	-83.7

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

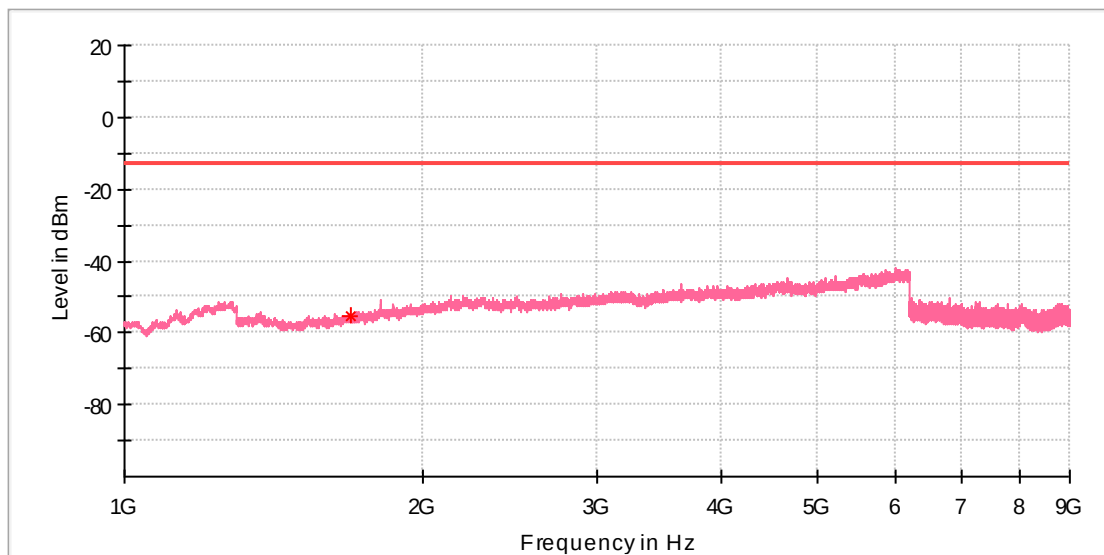
Final Result

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

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)
1693.000000	-55.24	---	-13.00	42.24	100.0	V	89.0	-92.1

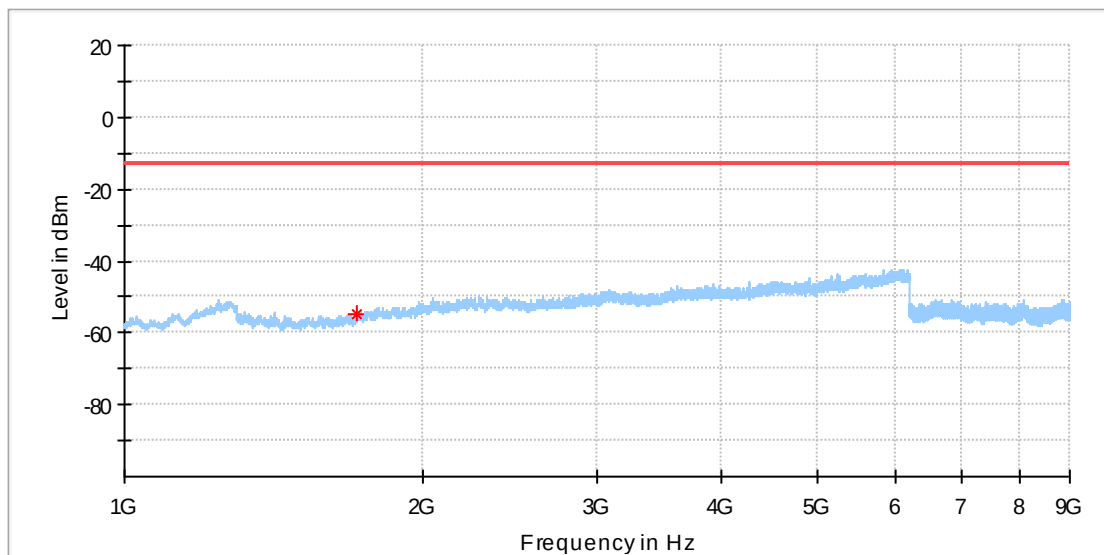
Final_Result

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 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)
1715.500000	-54.63	---	-13.00	41.63	100.0	H	185.0	-91.9

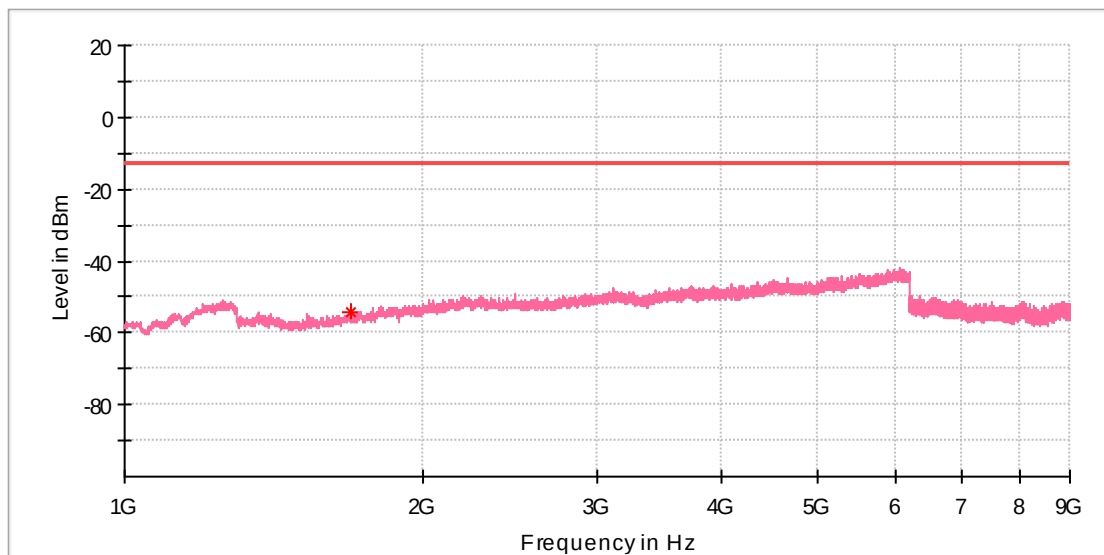
Final_Result

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@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)
1695.500000	-54.50	---	-13.00	41.50	100.0	V	244.0	-92.1

Final_Result

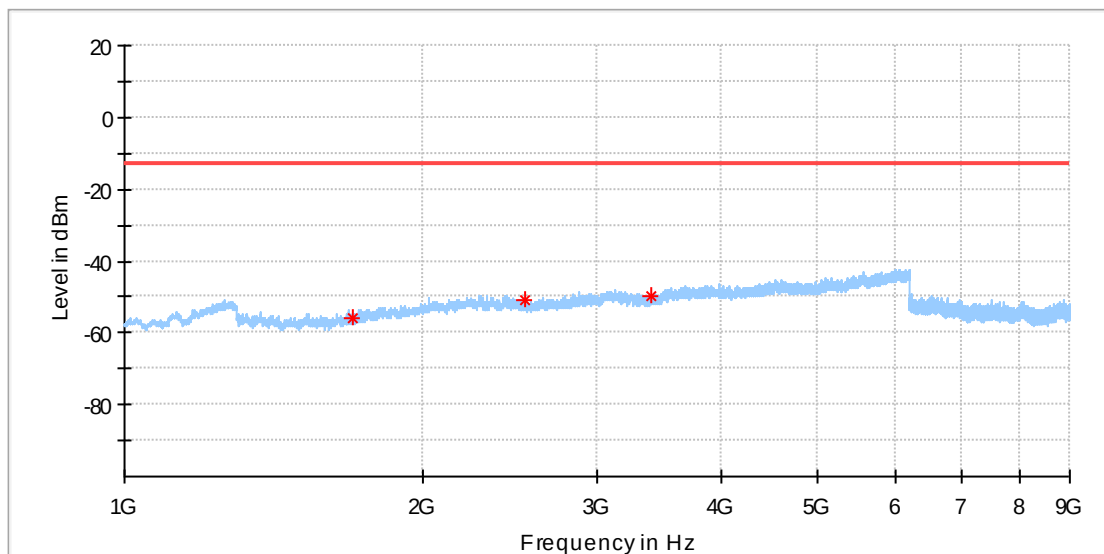
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 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



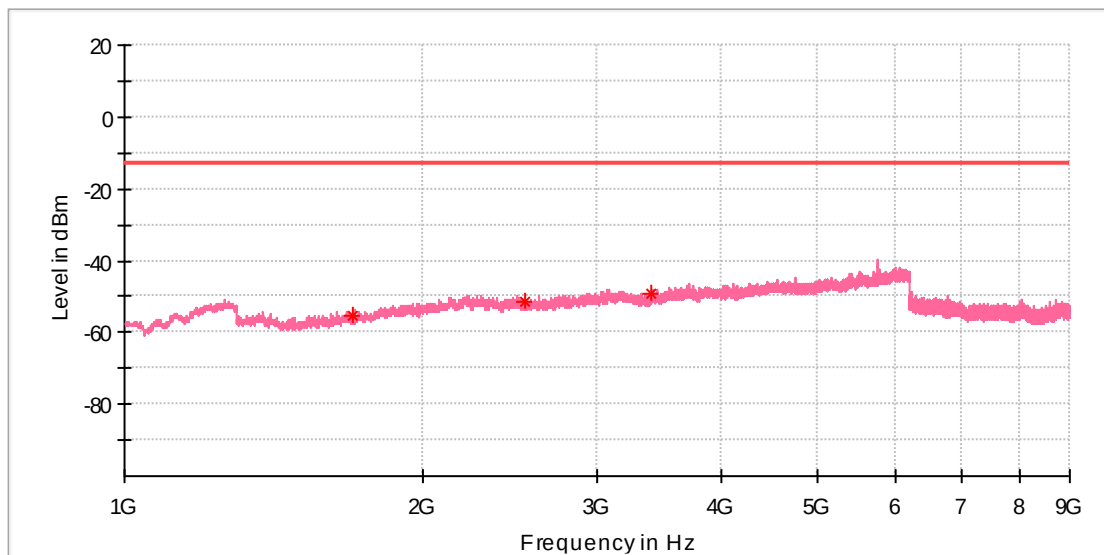
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.000000	-55.88	-13.00	42.88	100.0	H	251.0	-92.4
2540.500000	-50.88	-13.00	37.88	100.0	H	258.0	-88.3
3403.500000	-49.60	-13.00	36.60	100.0	H	230.0	-87.1

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 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



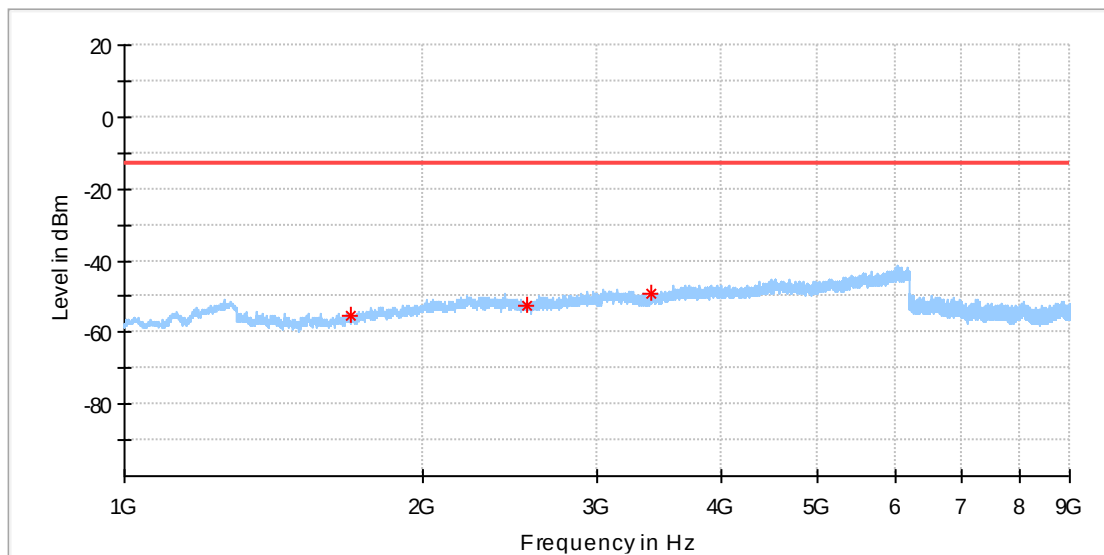
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1700.500000	-55.13	-13.00	42.13	100.0	V	351.0	-92.0
2540.500000	-51.28	-13.00	38.28	100.0	V	123.0	-88.4
3395.000000	-49.15	-13.00	36.15	100.0	V	207.0	-87.1

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 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



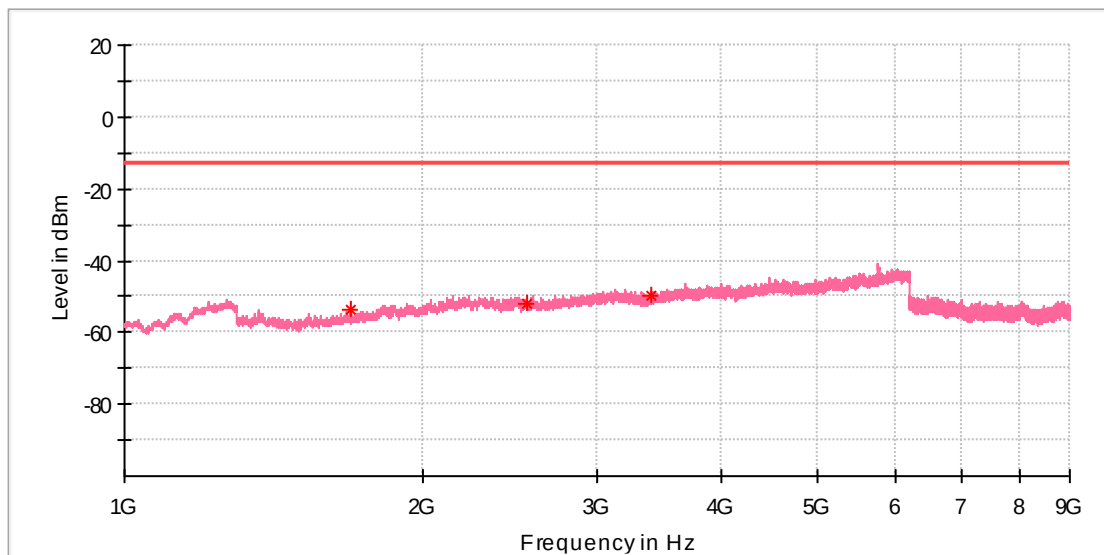
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1694.000000	-55.50	-13.00	42.50	100.0	H	81.0	-92.4
2551.000000	-52.63	-13.00	39.63	100.0	H	123.0	-88.4
3401.500000	-49.08	-13.00	36.08	100.0	H	0.0	-87.1

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 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



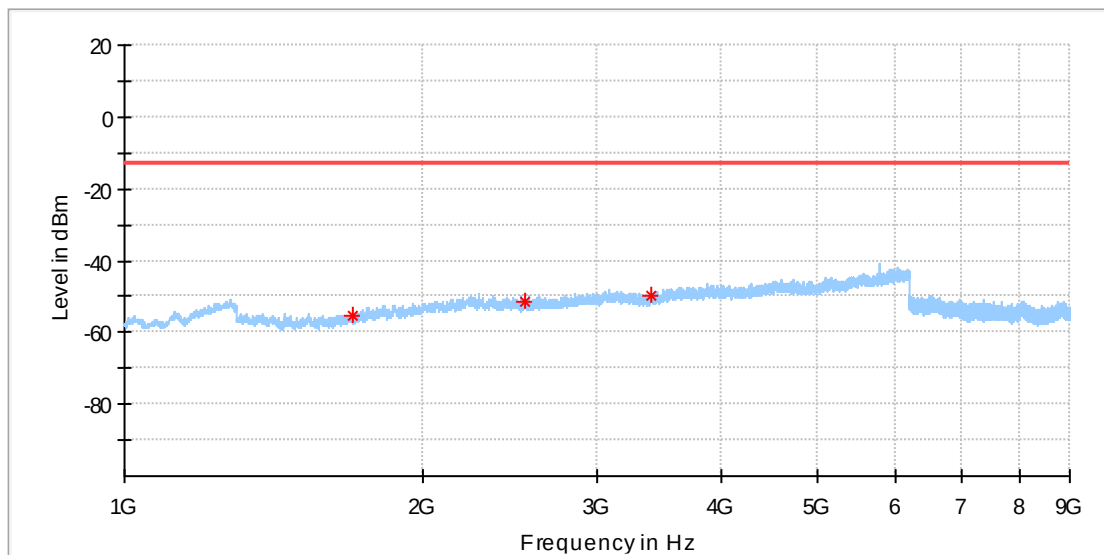
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1696.000000	-53.93	-13.00	40.93	100.0	V	64.0	-92.1
2544.000000	-51.87	-13.00	38.87	100.0	V	105.0	-88.4
3394.500000	-49.99	-13.00	36.99	100.0	V	105.0	-87.1

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 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



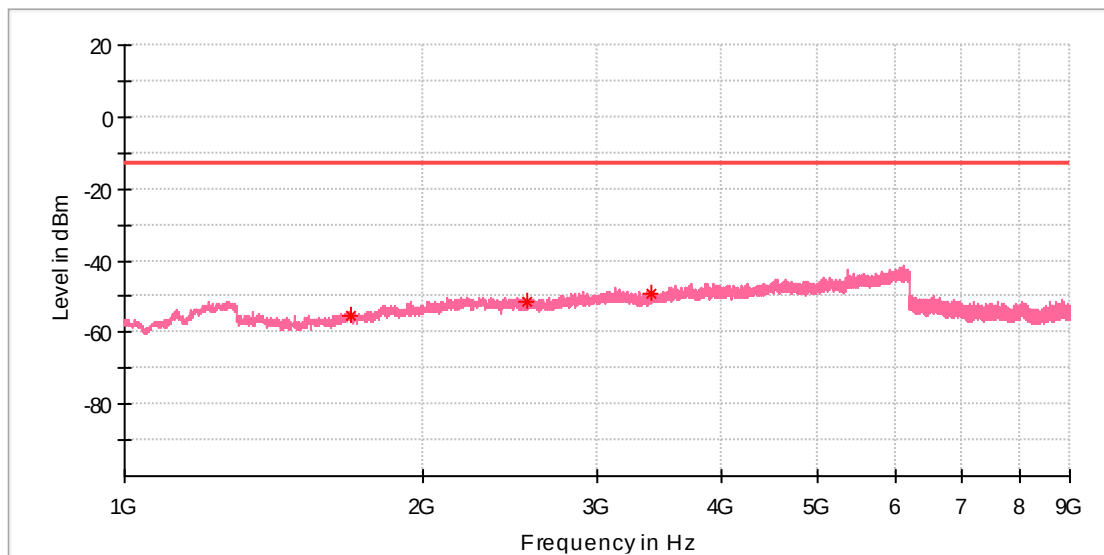
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1702.000000	-55.47	-13.00	42.47	100.0	H	78.0	-92.3
2542.500000	-51.66	-13.00	38.66	100.0	H	43.0	-88.3
3394.500000	-49.52	-13.00	36.52	100.0	H	335.0	-87.2

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 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)
1696.000000	-55.31	-13.00	42.31	100.0	V	356.0	-92.1
2551.000000	-51.52	-13.00	38.52	100.0	V	275.0	-88.3
3397.500000	-49.48	-13.00	36.48	100.0	V	351.0	-87.1

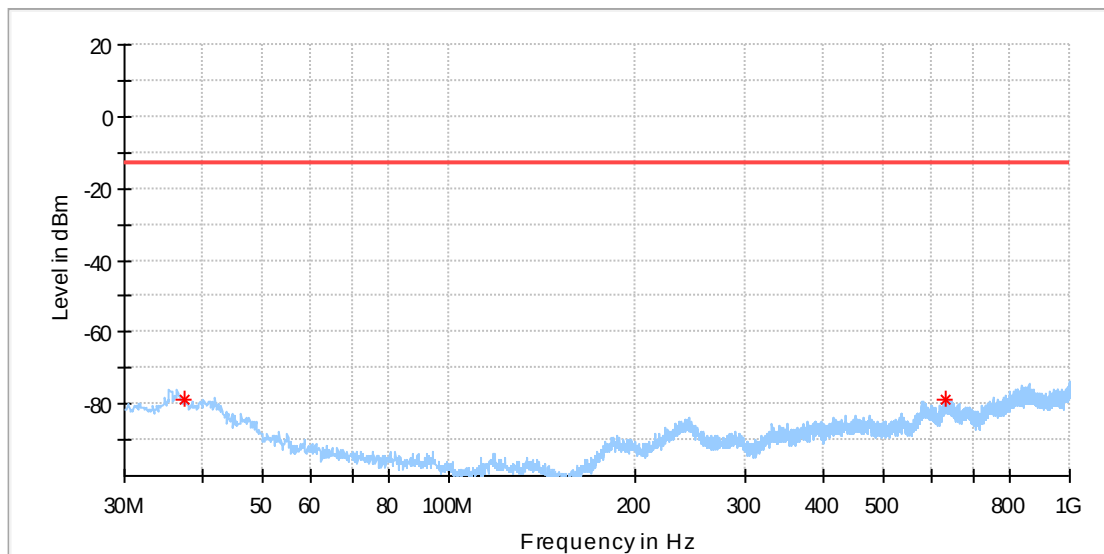
Appendix L.9: Field Strength of Spurious Radiation for Band 66

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



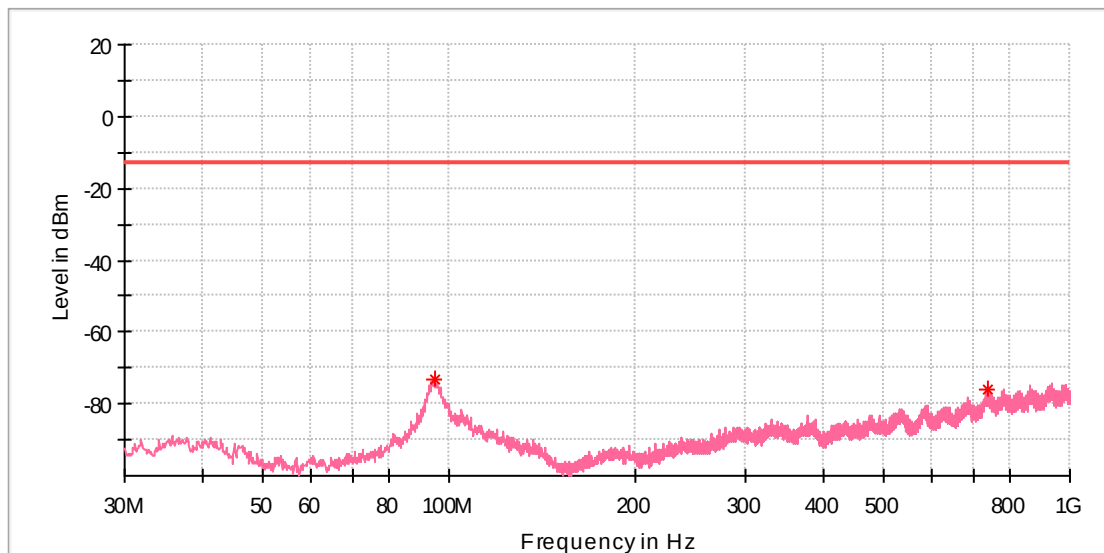
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.517500	-78.72	-13.00	65.72	100.0	H	52.0	-113.7
631.036250	-79.04	-13.00	66.04	100.0	H	332.0	-105.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

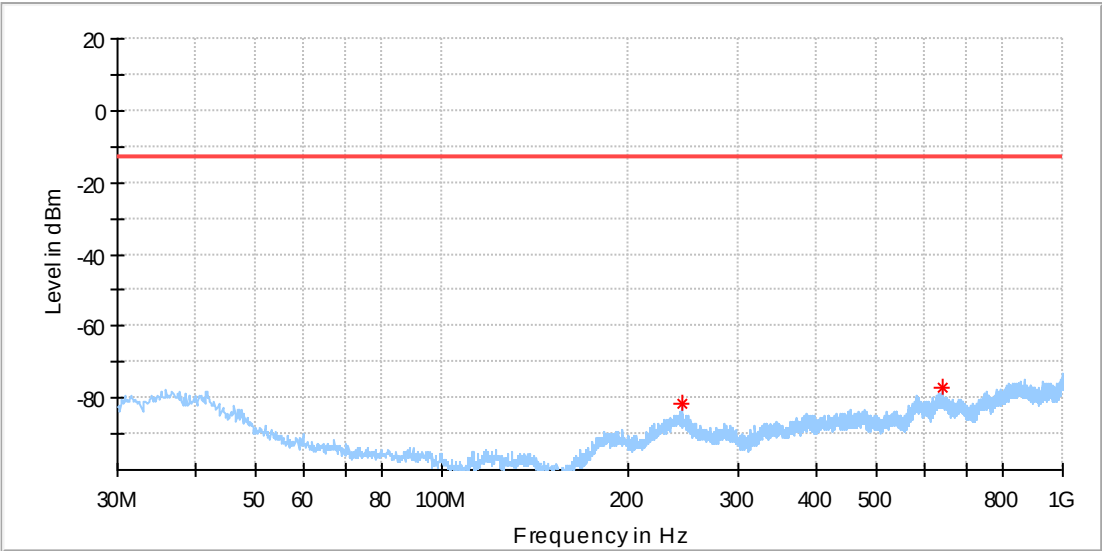
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.111250	-72.98	-13.00	59.98	100.0	V	291.0	-99.6
737.251250	-76.10	-13.00	63.10	100.0	V	93.0	-102.2

QPSK

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



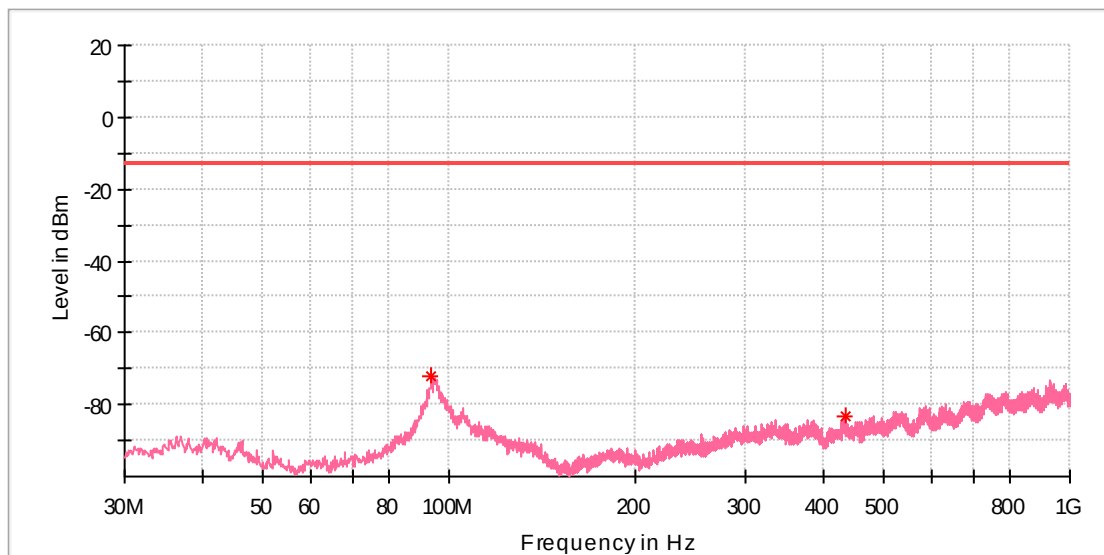
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
243.036250	-81.71	-13.00	68.71	100.0	H	130.0	-110.0
641.463750	-77.00	-13.00	64.00	100.0	H	170.0	-104.6

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

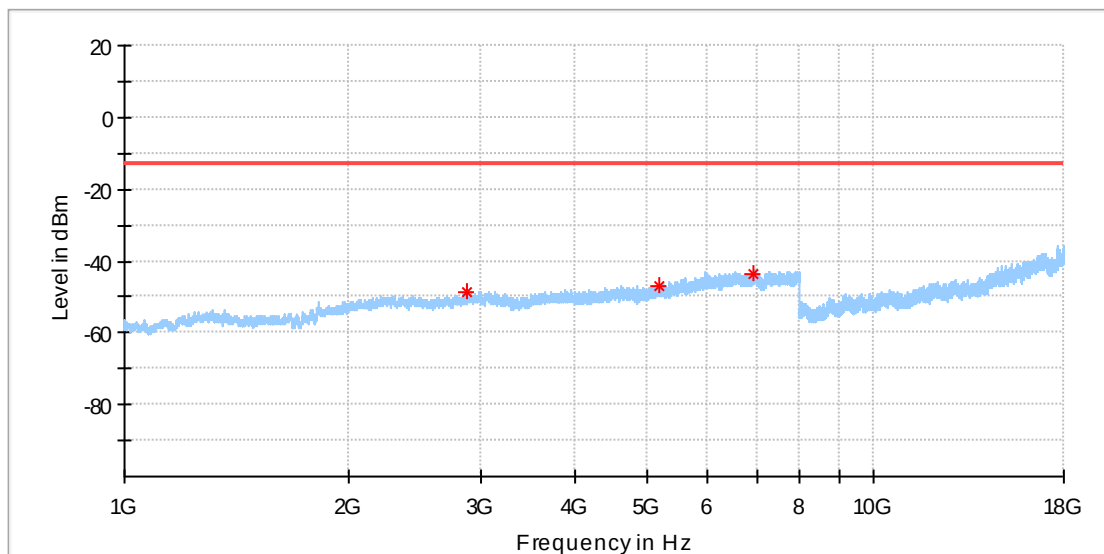
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.656250	-72.10	-13.00	59.10	100.0	V	0.0	-100.6
433.641250	-83.18	-13.00	70.18	100.0	V	36.0	-110.9

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 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



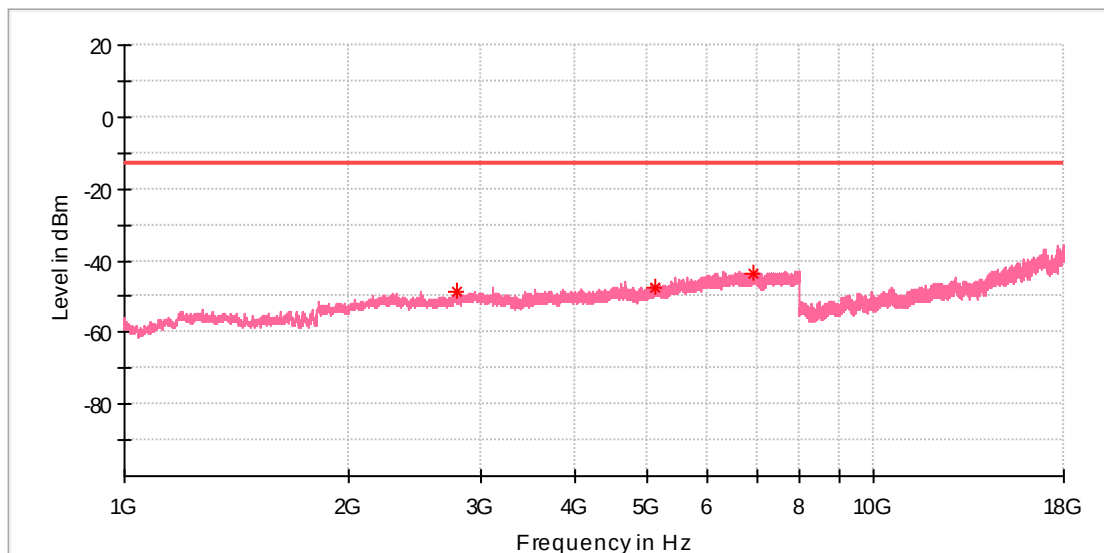
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2874.500000	-48.60	-13.00	35.60	100.0	H	145.0	-86.8
5186.500000	-47.10	-13.00	34.10	100.0	H	78.0	-84.8
6911.000000	-43.73	-13.00	30.73	100.0	H	127.0	-81.1

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



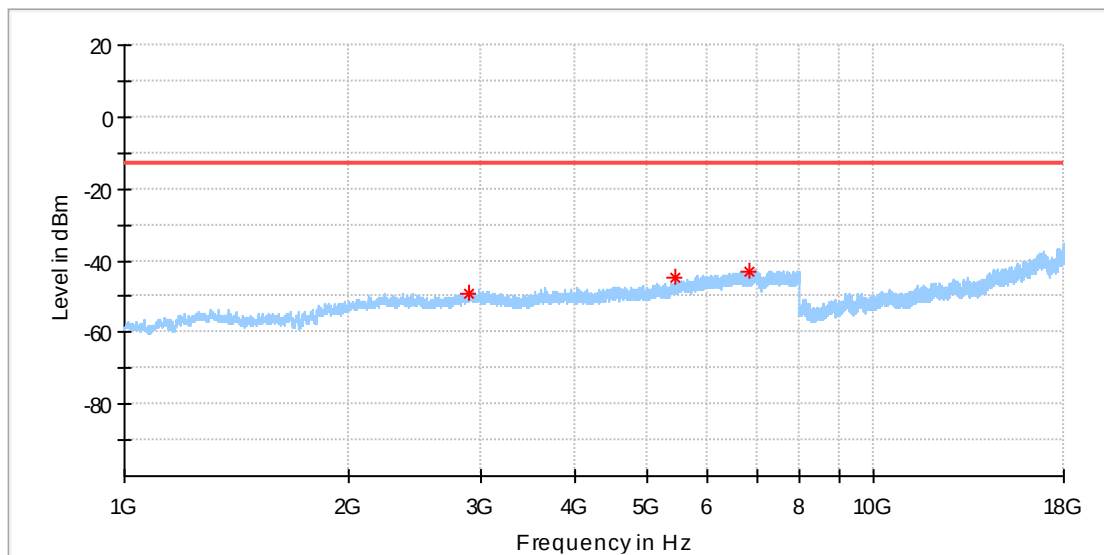
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2776.500000	-48.61	-13.00	35.61	100.0	V	0.0	-87.3
5117.500000	-47.38	-13.00	34.38	100.0	V	73.0	-85.0
6914.000000	-43.60	-13.00	30.60	100.0	V	178.0	-81.3

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



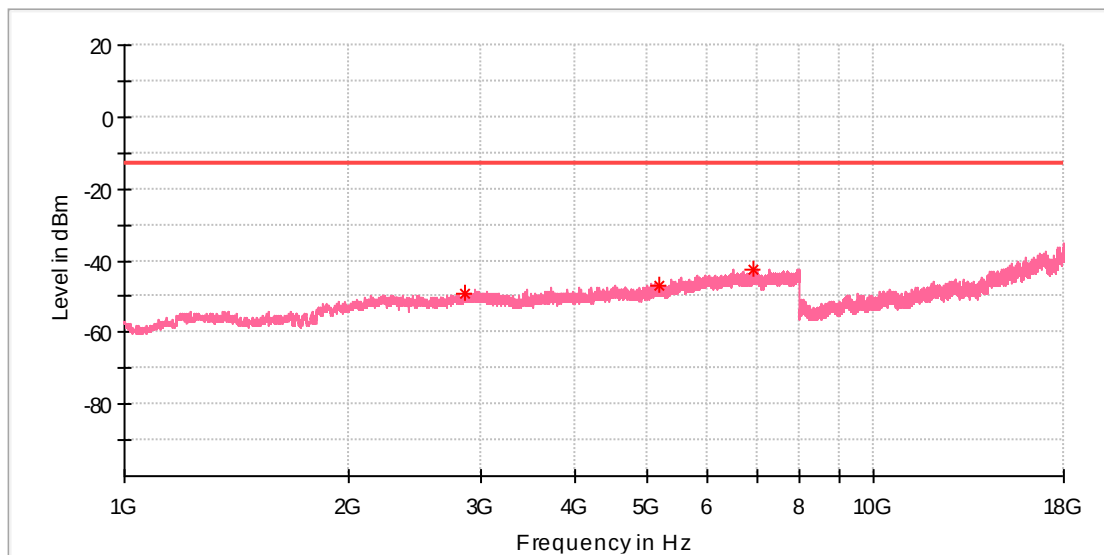
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2885.000000	-48.99	-13.00	35.99	100.0	H	68.0	-86.8
5430.000000	-44.58	-13.00	31.58	100.0	H	309.0	-83.8
6842.000000	-43.01	-13.00	30.01	100.0	H	163.0	-81.4

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



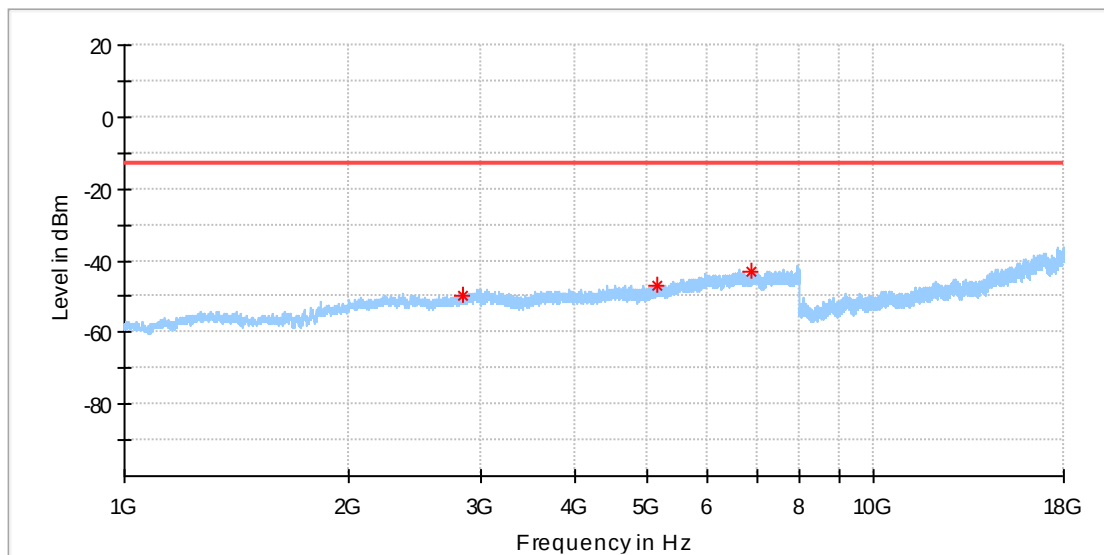
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2854.000000	-49.36	-13.00	36.36	100.0	V	341.0	-87.1
5183.000000	-47.01	-13.00	34.01	100.0	V	23.0	-84.7
6937.500000	-42.67	-13.00	29.67	100.0	V	218.0	-81.1

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



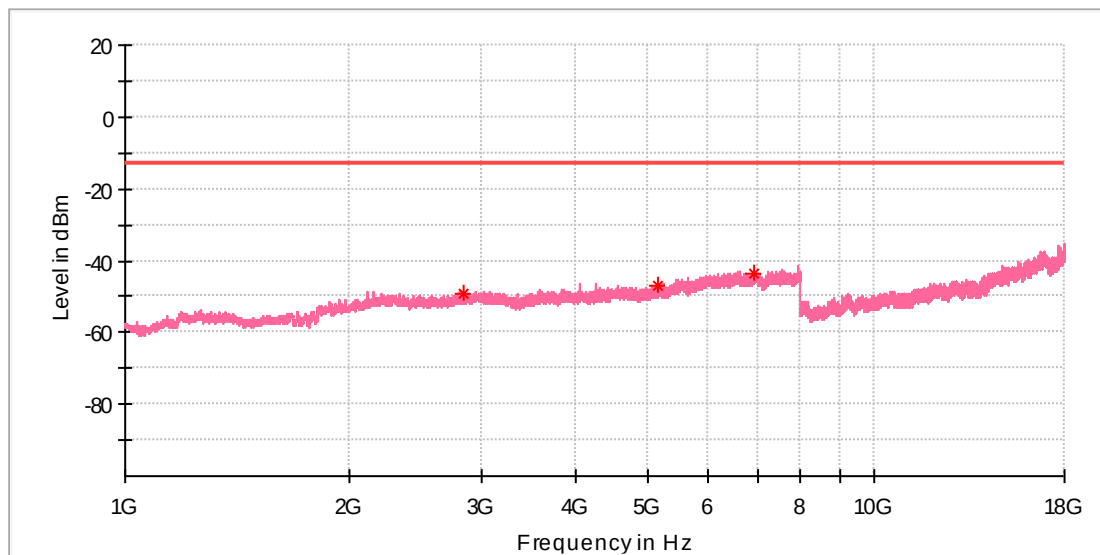
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2832.000000	-49.50	-13.00	36.50	100.0	H	251.0	-87.6
5142.000000	-46.85	-13.00	33.85	100.0	H	208.0	-84.7
6871.500000	-42.83	-13.00	29.83	100.0	H	194.0	-81.3

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage:	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

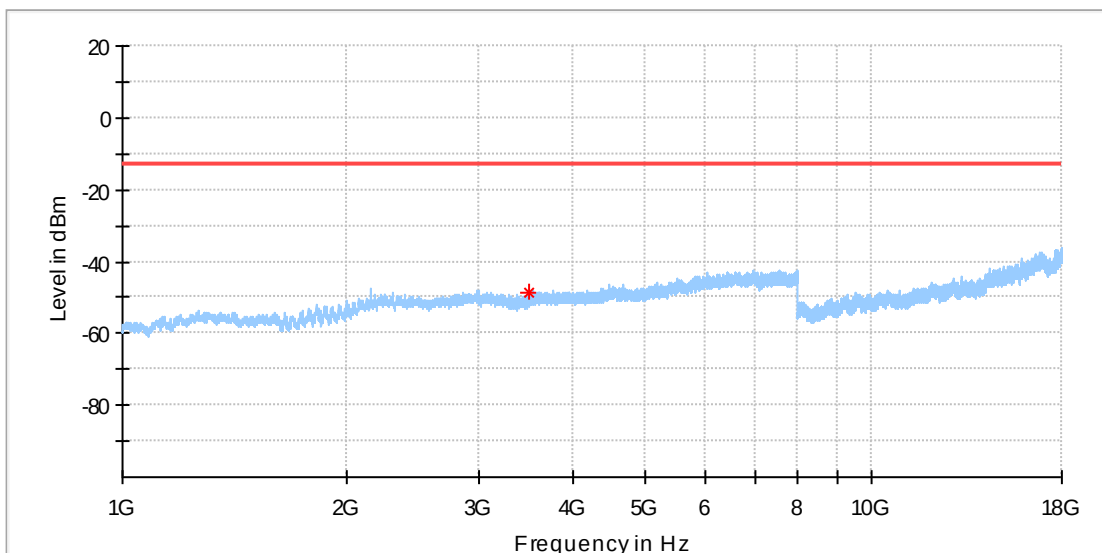
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2834.500000	-48.96	-13.00	35.96	100.0	V	161.0	-87.4
5159.000000	-46.90	-13.00	33.90	100.0	V	130.0	-84.6
6943.500000	-43.36	-13.00	30.36	100.0	V	255.0	-81.1

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3498.500000	-48.87	---	-13.00	35.87	100.0	H	46.0	-87.5

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
92.500000	92.500000	92.500000	92.500000	92.500000	92.500000		92.500000	92.500000

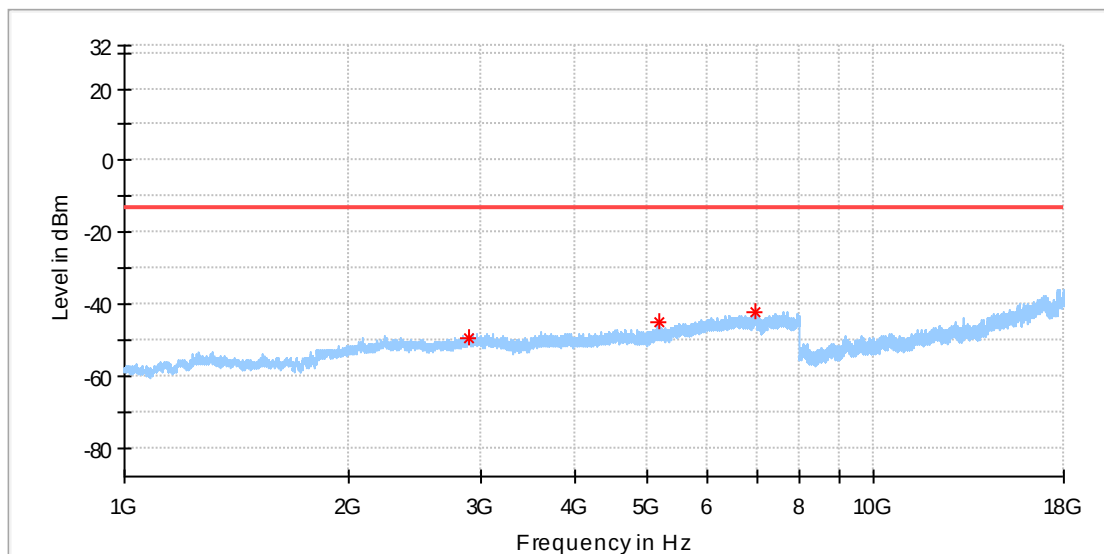
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.5000	-10.0000	-10.0000	-10.0000	-10.0000	100.00		0.0000	0.0000

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 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



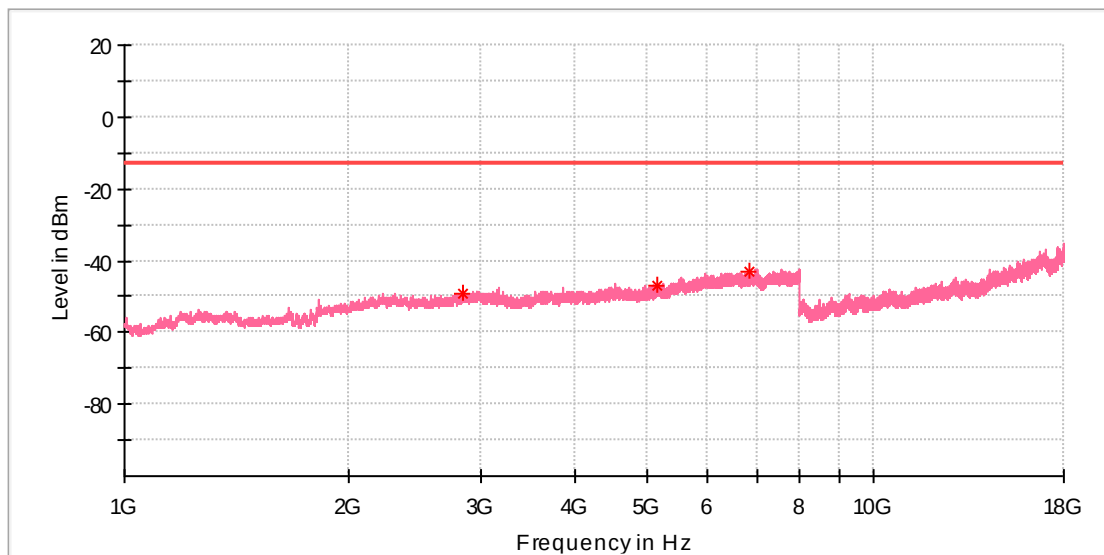
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2894.500000	-49.48	-13.00	36.48	100.0	H	356.0	-86.9
5187.500000	-45.12	-13.00	32.12	100.0	H	102.0	-84.8
6953.500000	-42.50	-13.00	29.50	100.0	H	255.0	-80.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



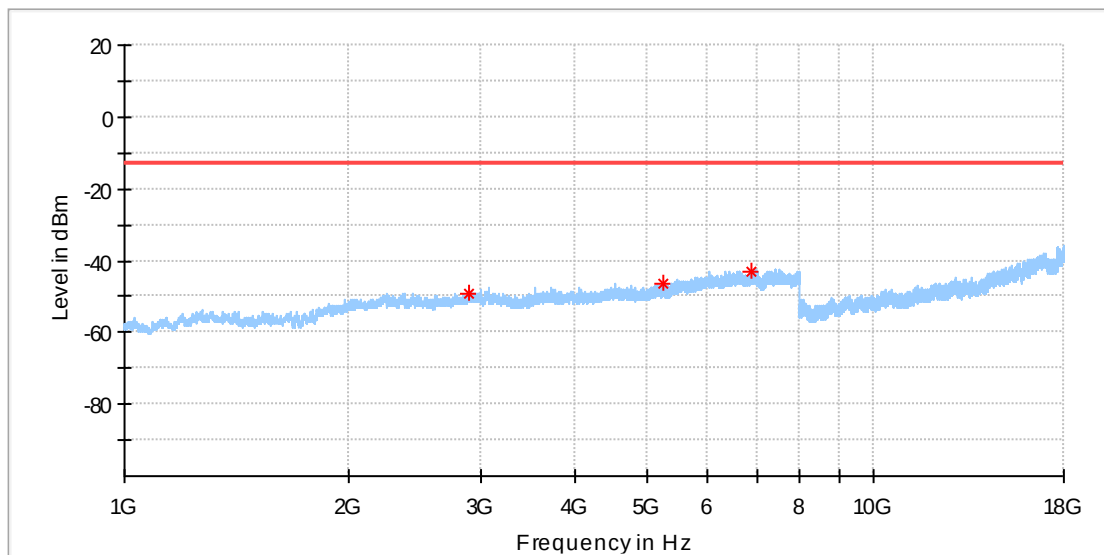
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2833.500000	-49.26	-13.00	36.26	100.0	V	124.0	-87.4
5163.500000	-46.83	-13.00	33.83	100.0	V	294.0	-84.6
6824.000000	-43.07	-13.00	30.07	100.0	V	182.0	-81.4

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



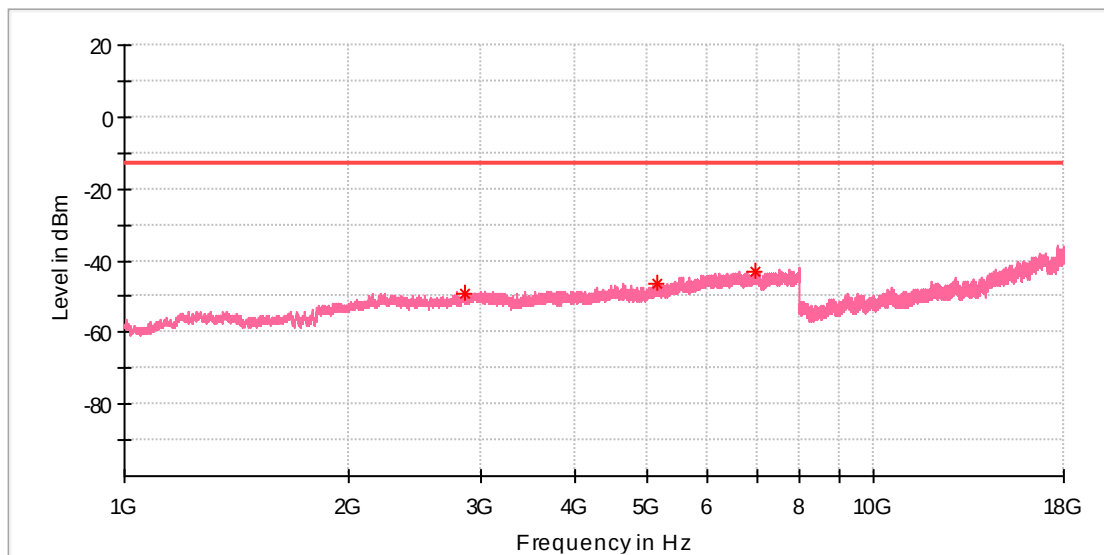
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2885.500000	-49.19	-13.00	36.19	100.0	H	282.0	-86.8
5253.000000	-46.68	-13.00	33.68	100.0	H	137.0	-85.0
6887.000000	-43.00	-13.00	30.00	100.0	H	67.0	-81.2

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



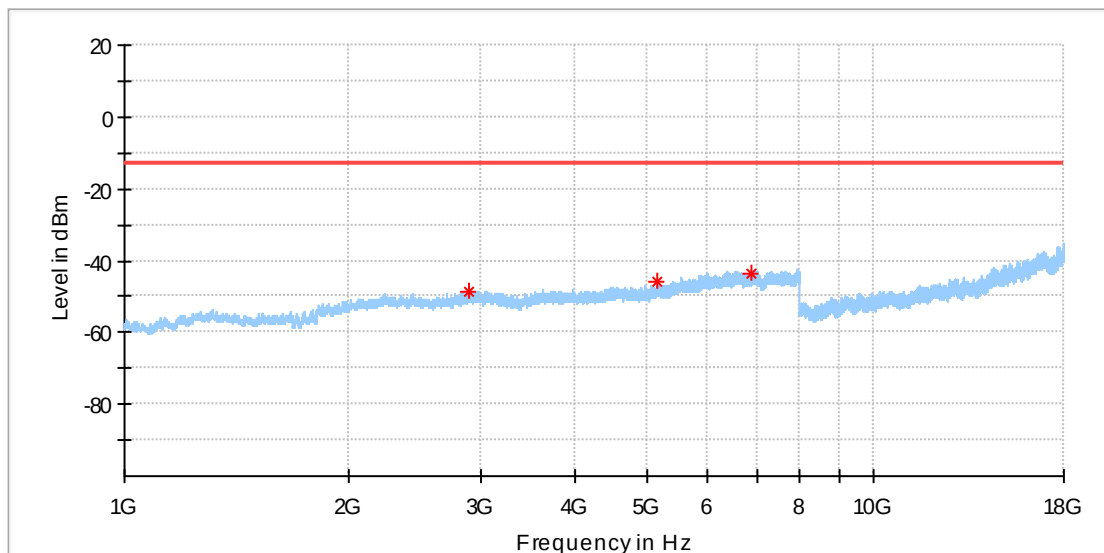
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2843.000000	-48.97	-13.00	35.97	100.0	V	78.0	-87.4
5146.000000	-46.18	-13.00	33.18	100.0	V	269.0	-84.7
6987.500000	-43.29	-13.00	30.29	100.0	V	3.0	-80.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



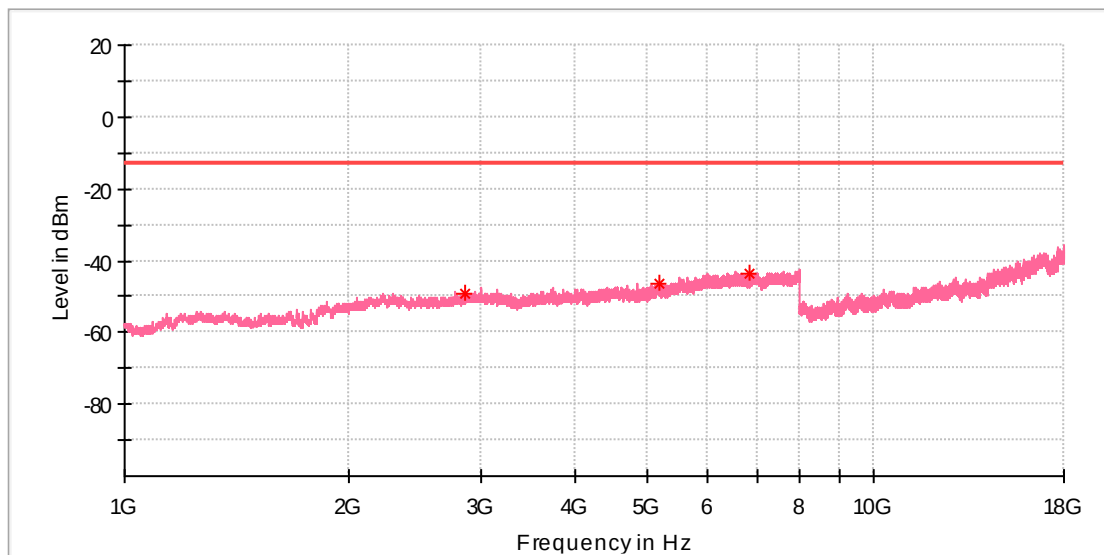
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2879.000000	-48.63	-13.00	35.63	100.0	H	152.0	-86.8
5161.500000	-45.94	-13.00	32.94	100.0	H	97.0	-84.6
6901.000000	-43.53	-13.00	30.53	100.0	H	350.0	-81.1

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

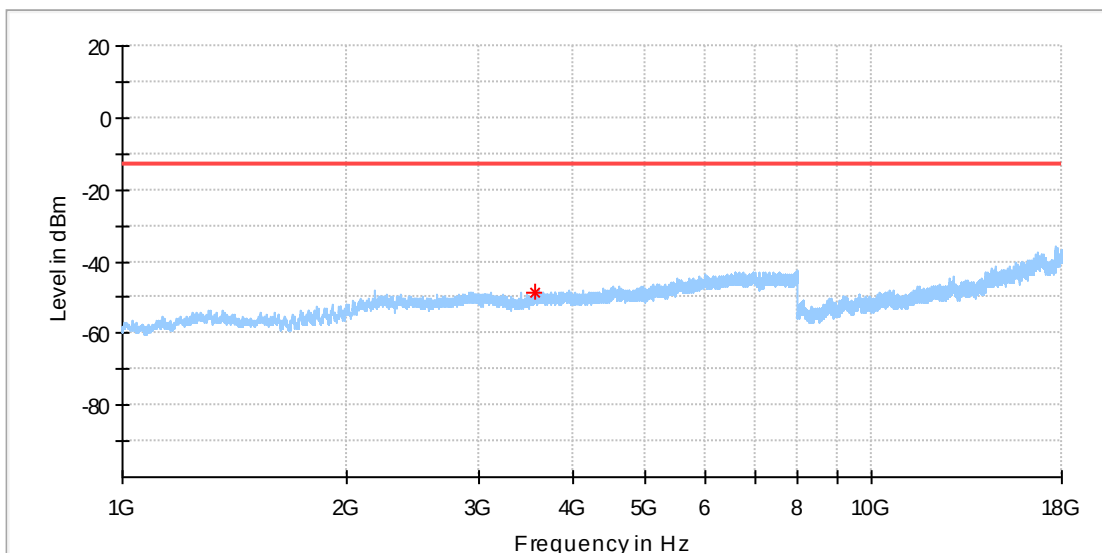
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2845.500000	-49.26	-13.00	36.26	100.0	V	316.0	-87.3
5169.000000	-46.54	-13.00	33.54	100.0	V	0.0	-84.6
6861.000000	-43.56	-13.00	30.56	100.0	V	151.0	-81.4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
3557.000000	-48.50	---	-13.00	35.50	100.0	H	117.0	-87.0

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
880.000000	88.000000	88.000000	88.000000	88.000000	88.000000		88.000000	88.000000

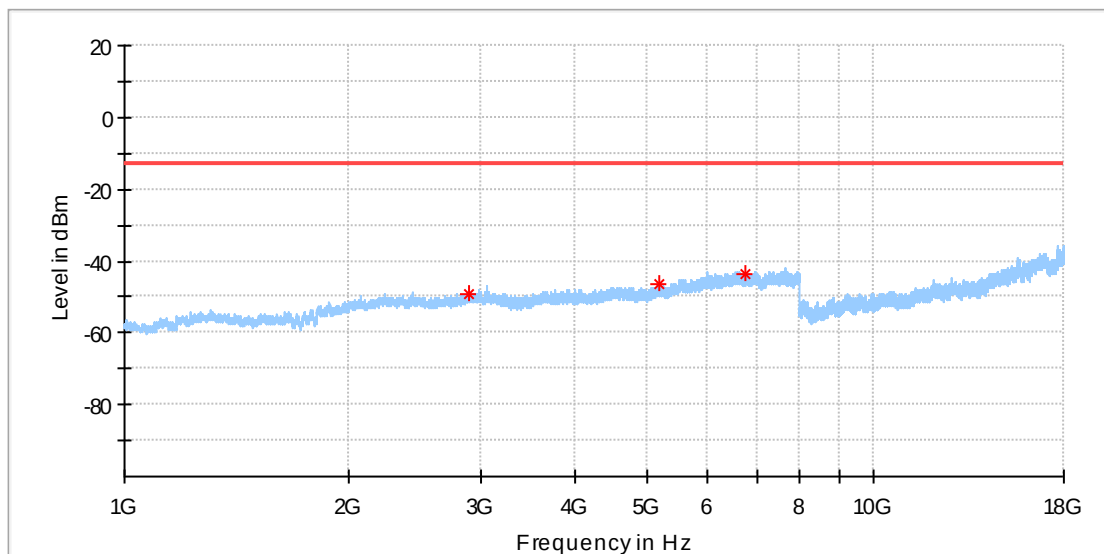
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.5000	-10.0000	-10.0000	-10.0000	0.0000	0.0000		0.0000	0.0000

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 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



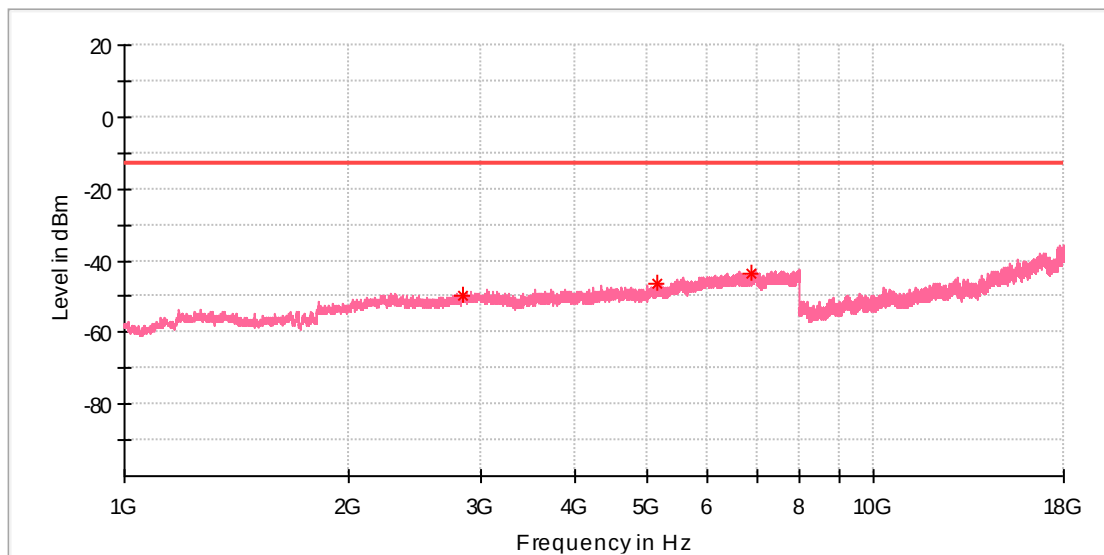
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2879.000000	-49.07	-13.00	36.07	100.0	H	126.0	-86.8
5175.500000	-46.27	-13.00	33.27	100.0	H	4.0	-84.7
6766.500000	-43.57	-13.00	30.57	100.0	H	312.0	-81.6

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



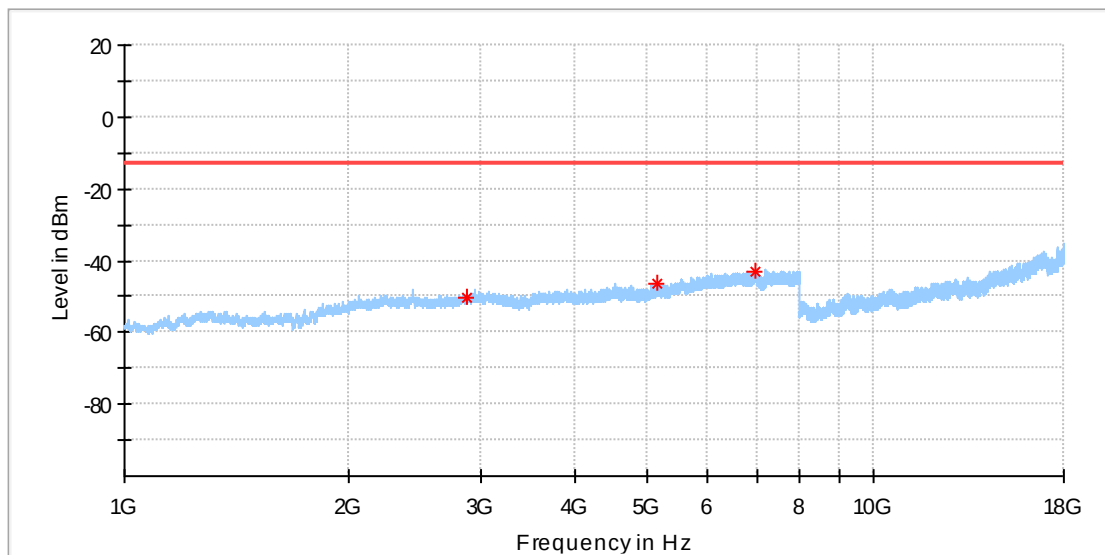
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2836.000000	-49.49	-13.00	36.49	100.0	V	88.0	-87.4
5144.500000	-46.68	-13.00	33.68	100.0	V	0.0	-84.8
6877.000000	-43.63	-13.00	30.63	100.0	V	92.0	-81.4

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



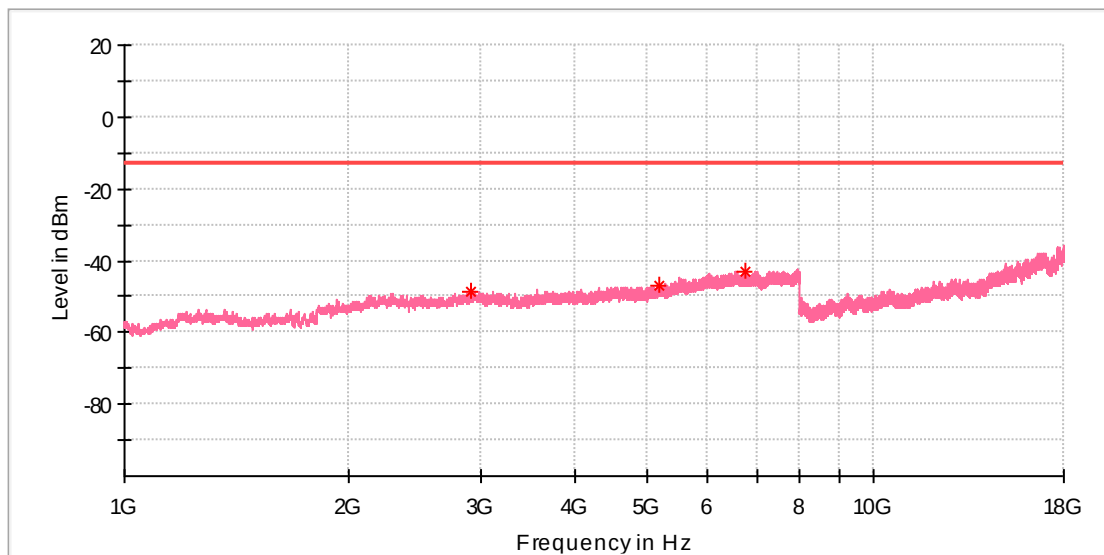
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2869.500000	-50.33	-13.00	37.33	100.0	H	172.0	-86.8
5154.000000	-46.29	-13.00	33.29	100.0	H	302.0	-84.7
6953.500000	-43.01	-13.00	30.01	100.0	H	40.0	-80.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz BPSK 1@11
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



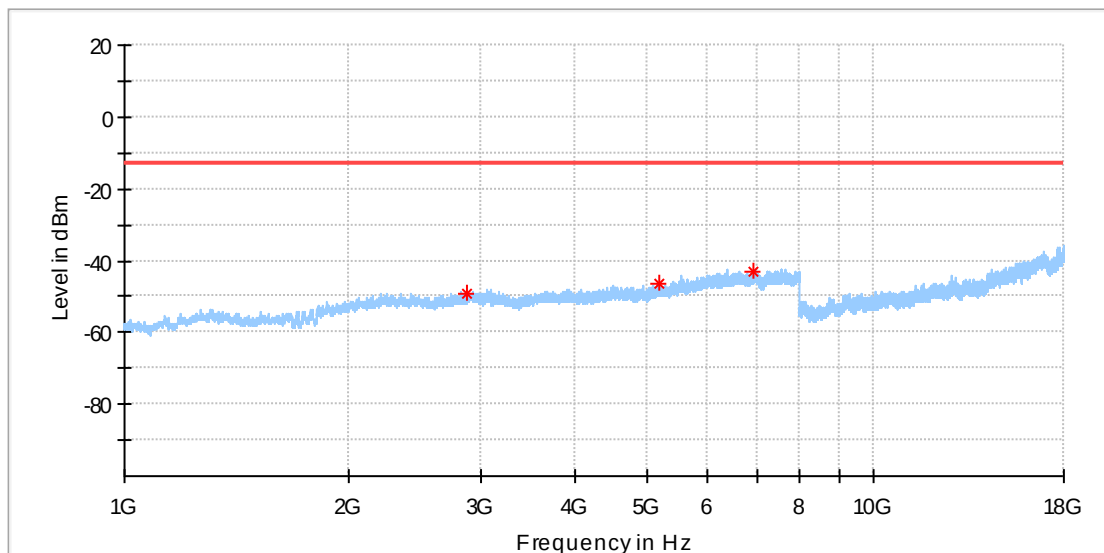
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2898.000000	-48.92	-13.00	35.92	100.0	V	302.0	-87.2
5191.000000	-46.80	-13.00	33.80	100.0	V	0.0	-84.8
6772.000000	-43.06	-13.00	30.06	100.0	V	312.0	-81.6

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



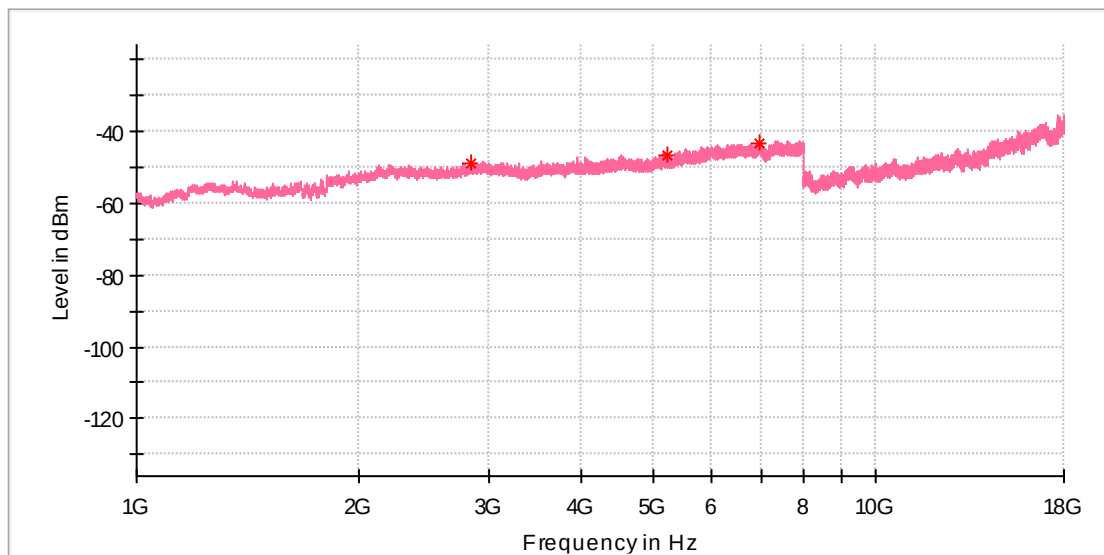
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2860.500000	-49.10	-13.00	36.10	100.0	H	242.0	-87.1
5180.500000	-46.47	-13.00	33.47	100.0	H	191.0	-84.7
6935.500000	-42.92	-13.00	29.92	100.0	H	73.0	-80.9

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High 15kHz QPSK 12@0
Test Voltage::	DC 5V From Adapter
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2832.500000	-49.09	-13.00	36.09	100.0	V	330.0	-87.4
5237.000000	-46.48	-13.00	33.48	100.0	V	126.0	-85.0
6989.000000	-43.09	-13.00	30.09	100.0	V	294.0	-80.8

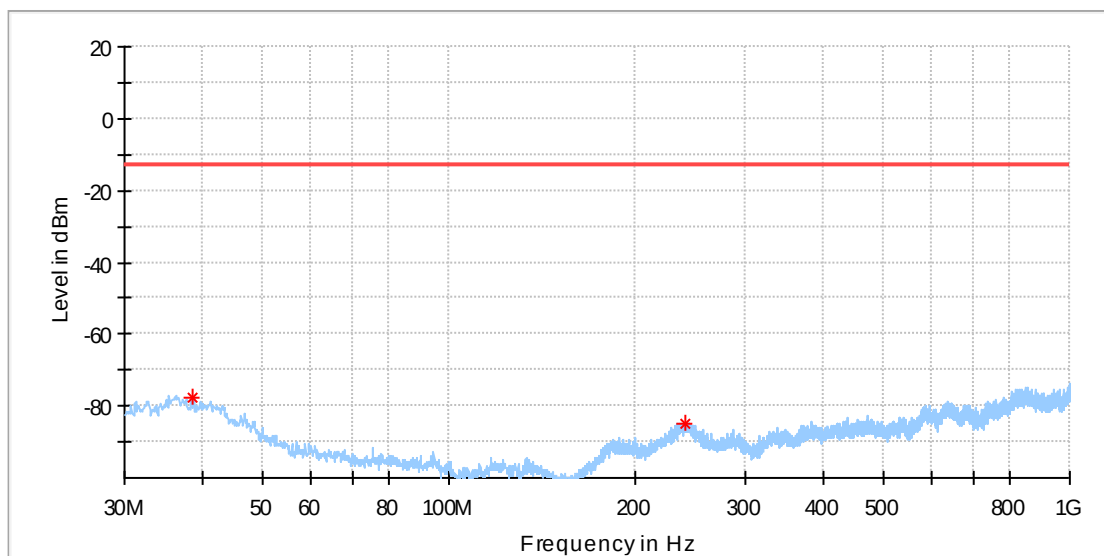
Appendix L.10: Field Strength of Spurious Radiation for Band 71

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



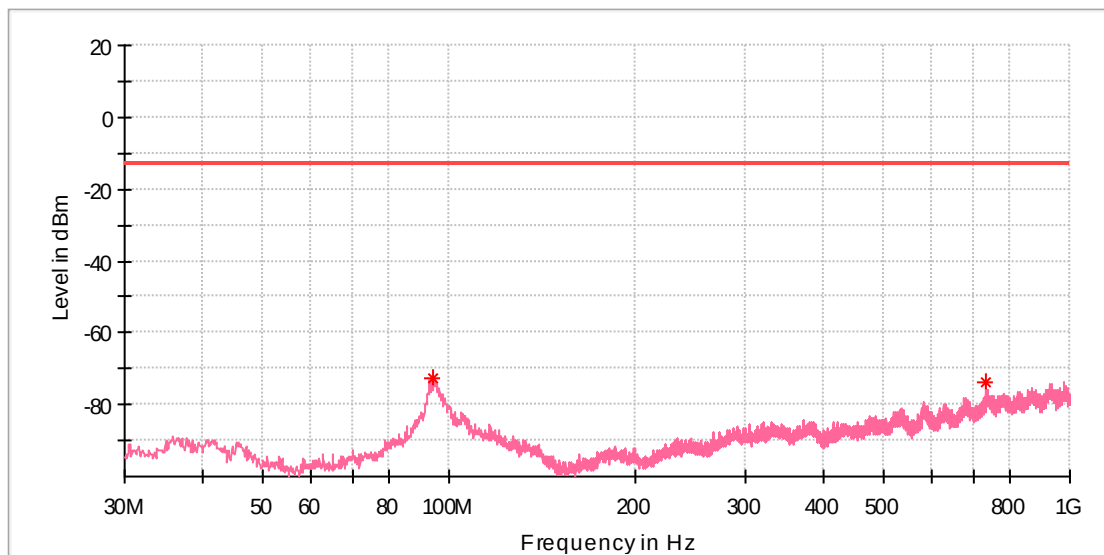
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
38.730000	-77.47	-13.00	64.47	100.0	H	136.0	-114.3
240.853750	-84.75	-13.00	71.75	100.0	H	95.0	-110.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

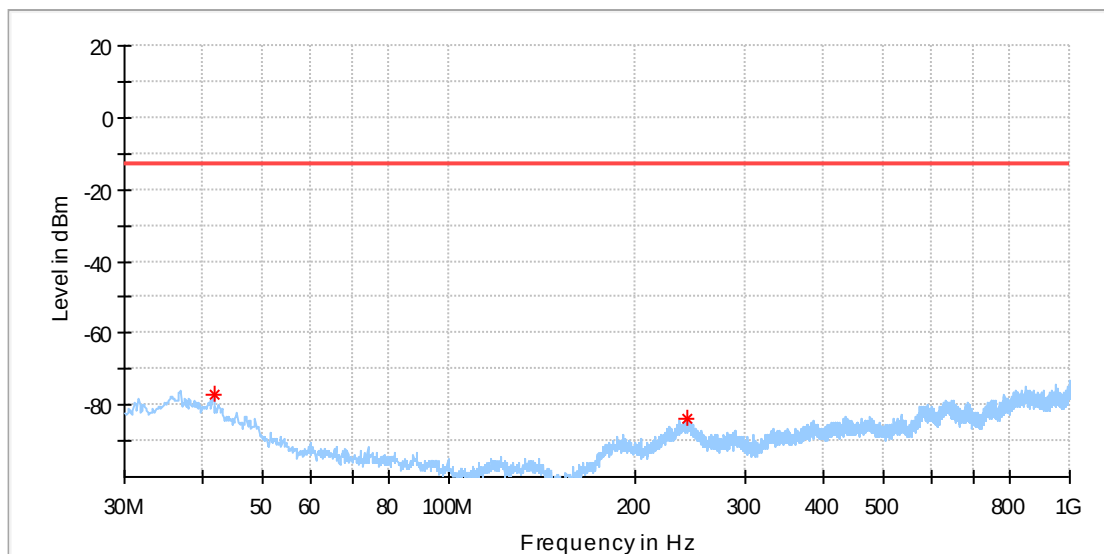
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.262500	-72.58	-13.00	59.58	100.0	V	193.0	-99.6
732.886250	-73.77	-13.00	60.77	100.0	V	346.0	-102.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



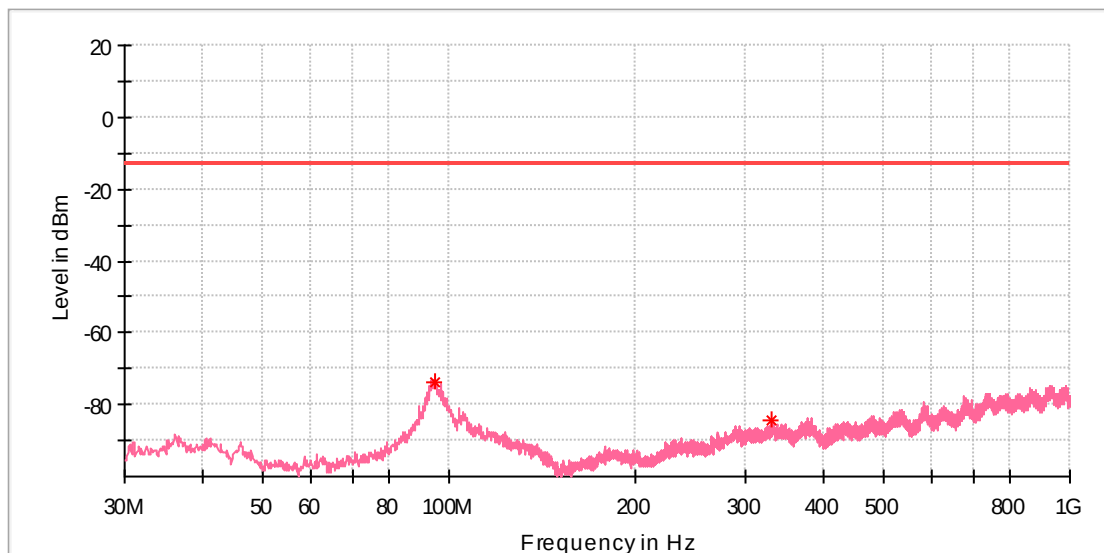
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.761250	-77.26	-13.00	64.27	100.0	H	262.0	-112.2
242.793750	-83.54	-13.00	70.54	100.0	H	87.0	-110.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

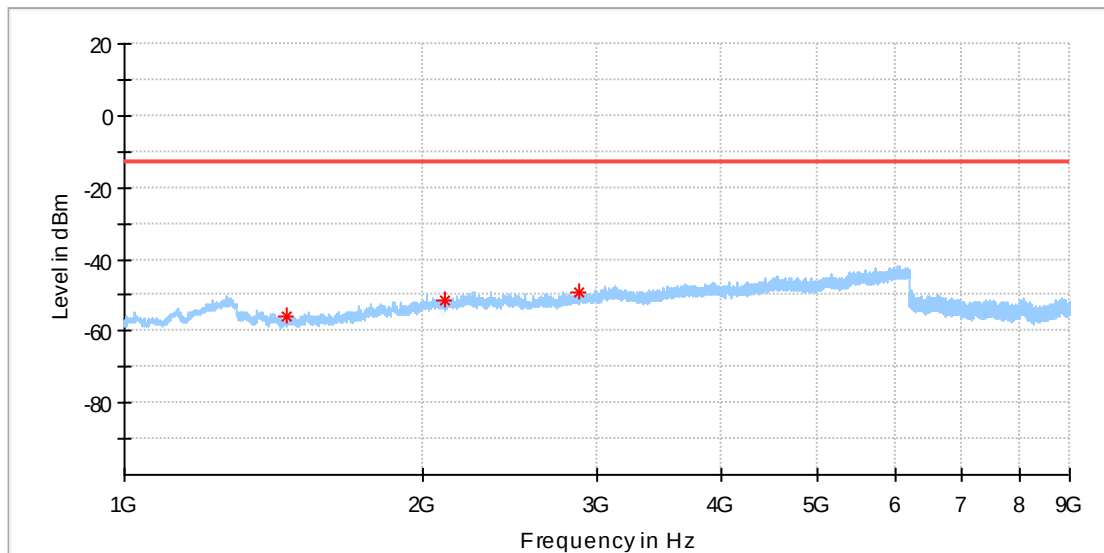
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.232500	-73.53	-13.00	60.53	100.0	V	312.0	-99.8
331.670000	-84.24	-13.00	71.24	100.0	V	359.0	-112.0

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



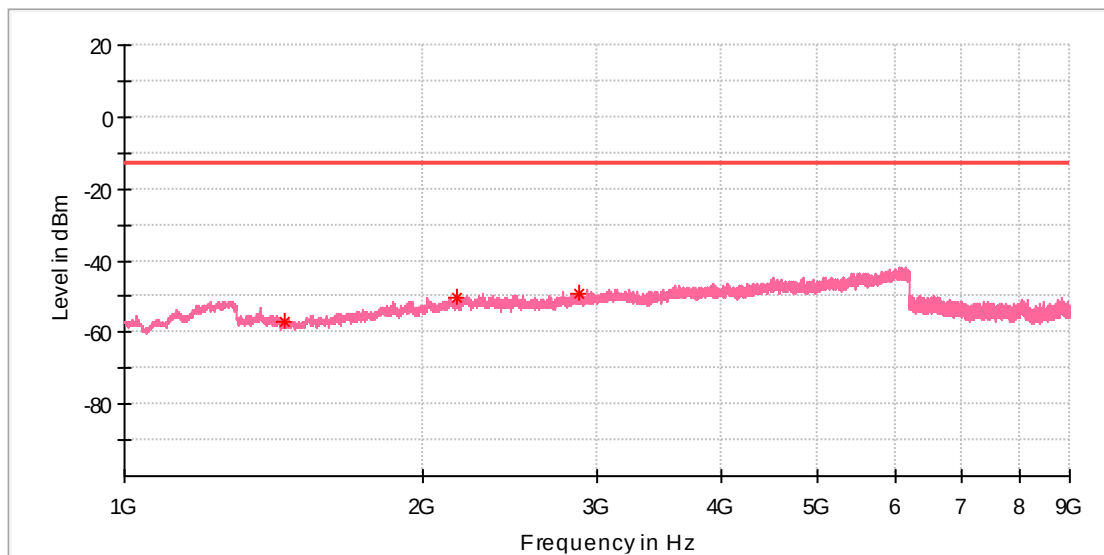
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1461.000000	-55.89	-13.00	42.89	100.0	H	343.0	-93.2
2101.500000	-51.67	-13.00	38.67	100.0	H	128.0	-88.9
2878.000000	-48.99	-13.00	35.99	100.0	H	23.0	-86.8

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



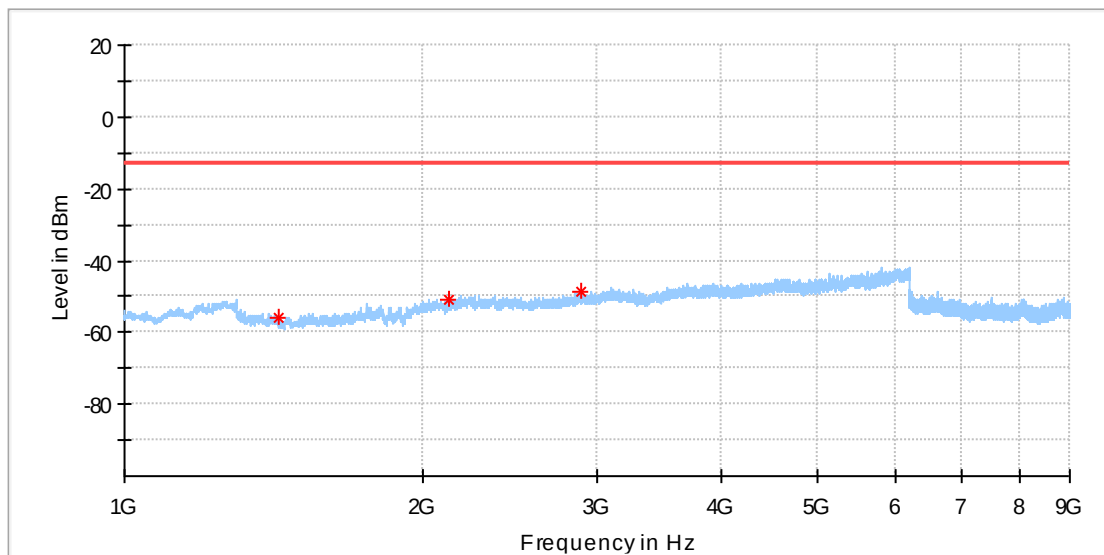
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1453.000000	-56.79	-13.00	43.79	100.0	V	150.0	-93.8
2170.500000	-50.55	-13.00	37.55	100.0	V	317.0	-88.3
2870.500000	-49.36	-13.00	36.36	100.0	V	351.0	-86.7

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



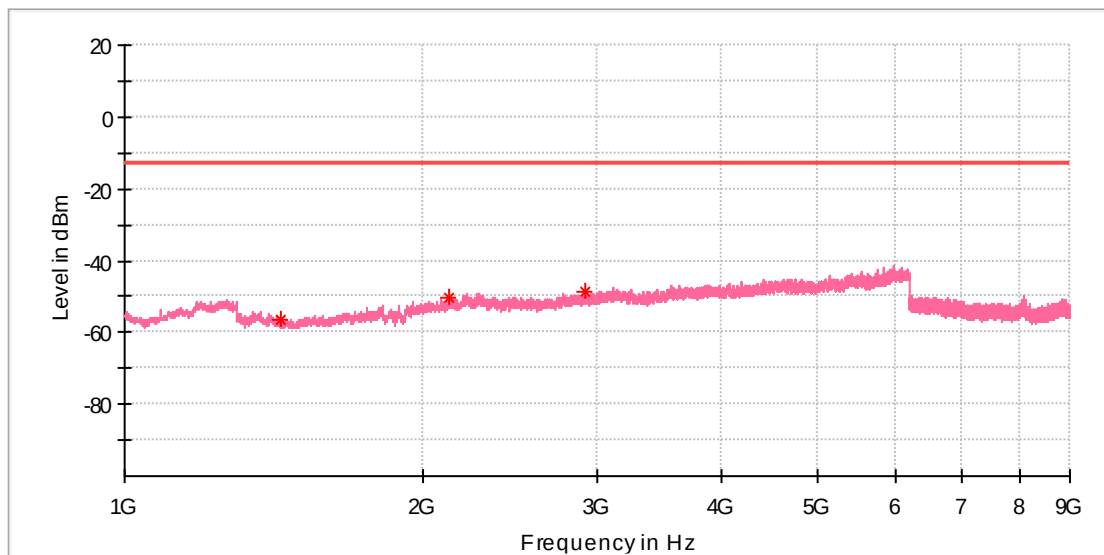
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-55.76	-13.00	42.76	100.0	H	246.0	-93.5
2124.500000	-50.77	-13.00	37.77	100.0	H	253.0	-88.4
2893.000000	-48.90	-13.00	35.90	100.0	H	142.0	-86.9

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

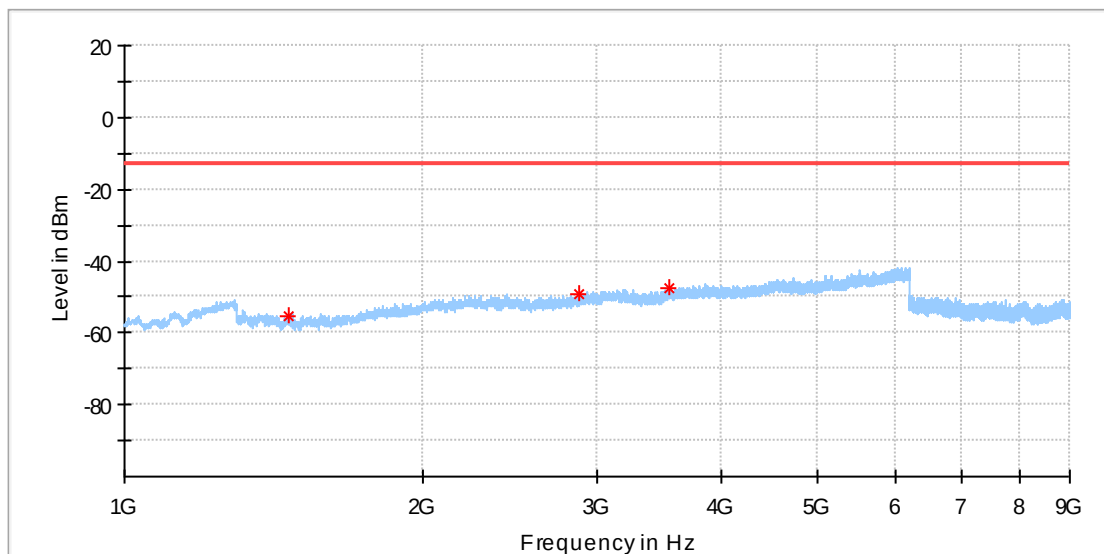
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1440.000000	-56.54	-13.00	43.54	100.0	V	0.0	-93.7
2129.000000	-50.17	-13.00	37.17	100.0	V	356.0	-87.7
2922.000000	-48.72	-13.00	35.72	100.0	V	302.0	-87.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



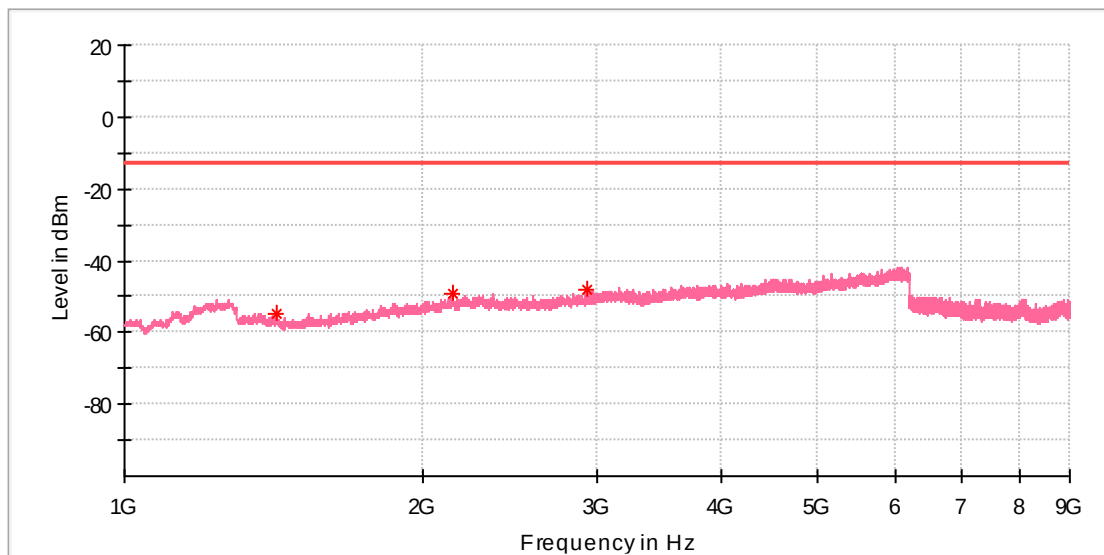
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1464.500000	-55.38	-13.00	42.38	100.0	H	248.0	-93.3
2873.000000	-49.47	-13.00	36.47	100.0	H	317.0	-86.8
3552.000000	-47.39	-13.00	34.39	100.0	H	227.0	-85.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



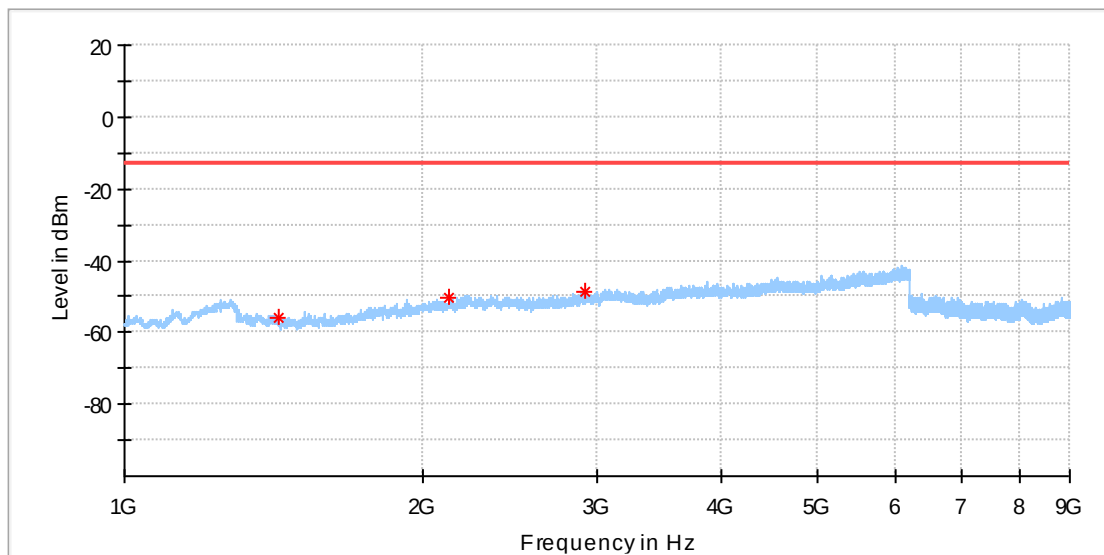
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1426.000000	-54.72	-13.00	41.72	100.0	V	280.0	-93.4
2146.000000	-49.48	-13.00	36.48	100.0	V	189.0	-88.0
2930.000000	-48.31	-13.00	35.31	100.0	V	113.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



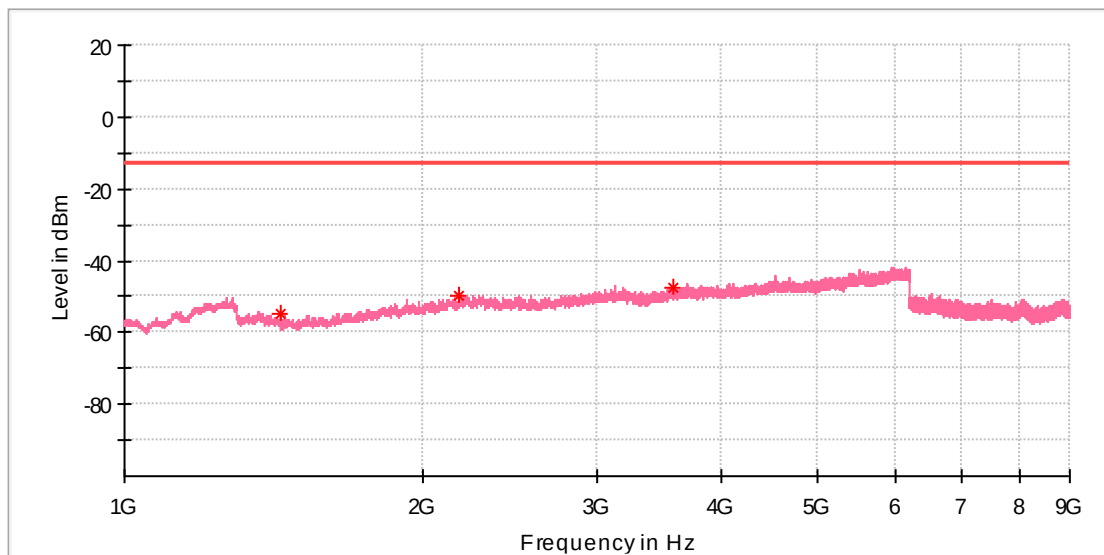
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-56.13	-13.00	43.13	100.0	H	239.0	-93.4
2126.000000	-50.49	-13.00	37.49	100.0	H	100.0	-88.3
2920.000000	-48.54	-13.00	35.54	100.0	H	246.0	-87.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



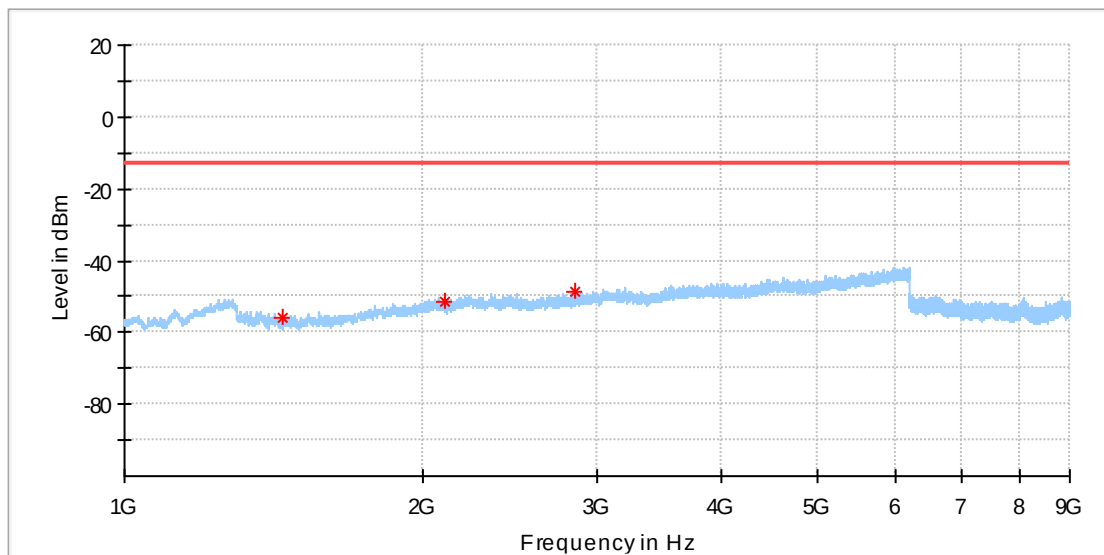
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1437.000000	-54.54	-13.00	41.54	100.0	V	38.0	-93.7
2172.500000	-50.01	-13.00	37.01	100.0	V	323.0	-88.3
3576.000000	-47.53	-13.00	34.53	100.0	V	80.0	-85.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



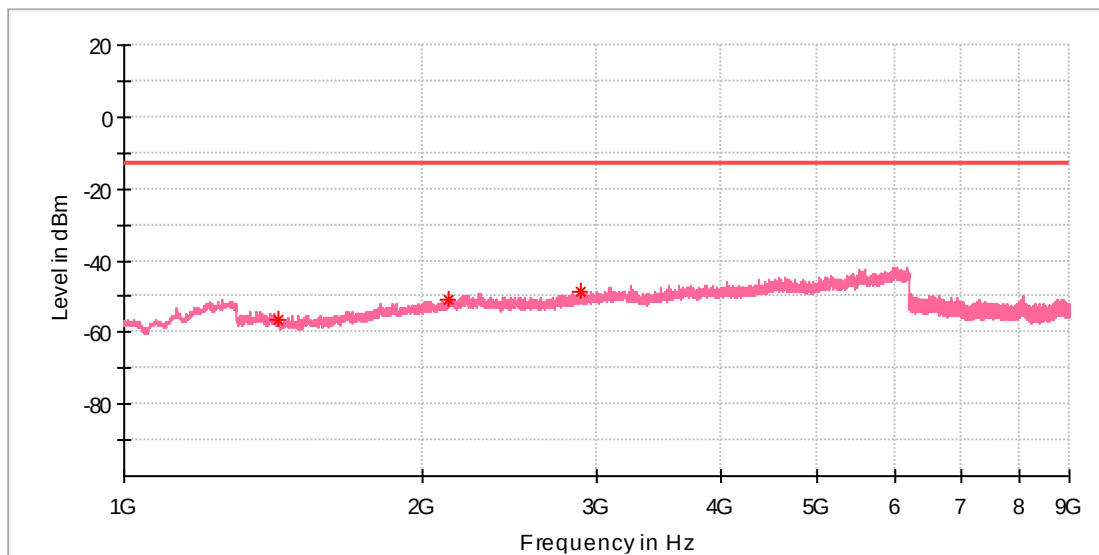
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1445.000000	-56.10	-13.00	43.10	100.0	H	201.0	-93.8
2108.000000	-51.52	-13.00	38.52	100.0	H	20.0	-89.0
2849.000000	-48.49	-13.00	35.49	100.0	H	48.0	-87.5

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

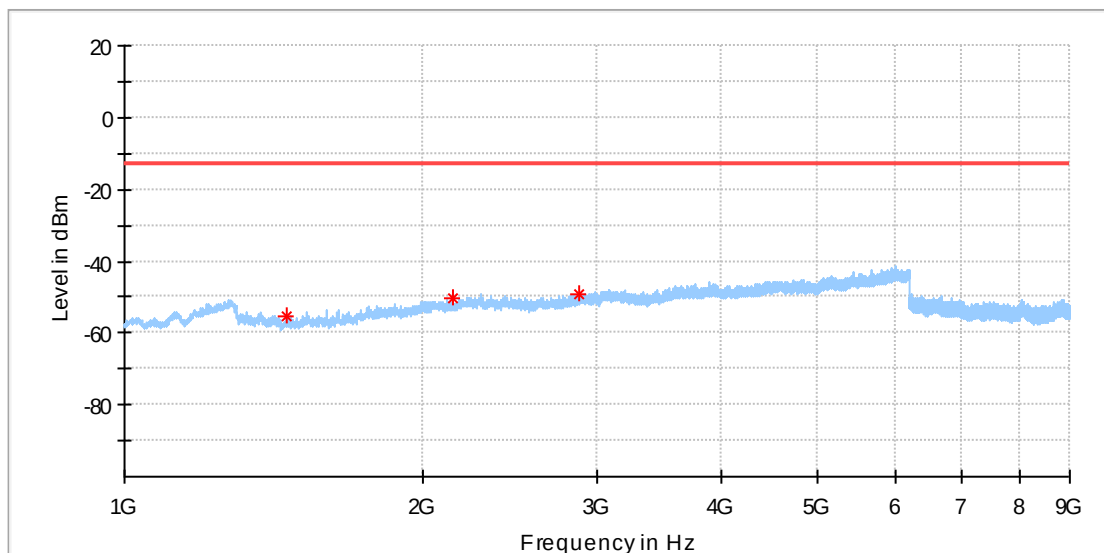
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.000000	-56.41	-13.00	43.41	100.0	V	4.0	-93.5
2125.500000	-50.65	-13.00	37.65	100.0	V	274.0	-87.9
2896.500000	-48.72	-13.00	35.72	100.0	V	329.0	-87.2

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



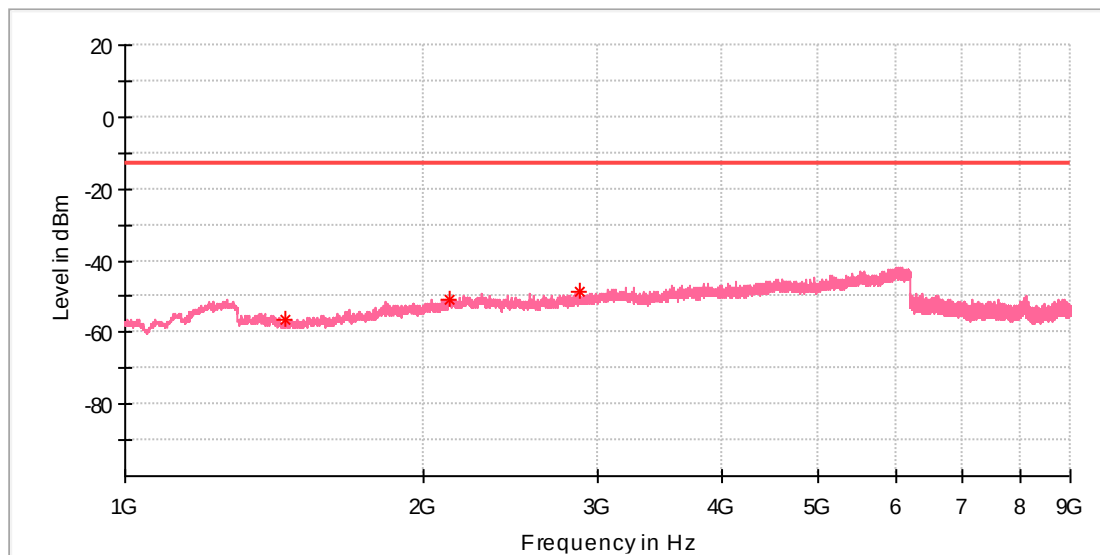
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1456.500000	-55.12	-13.00	42.12	100.0	H	15.0	-93.3
2142.000000	-50.23	-13.00	37.23	100.0	H	194.0	-88.5
2879.500000	-49.27	-13.00	36.27	100.0	H	29.0	-86.8

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-VW
Test Mode: TX Mid 3.75kHz QPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:42%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



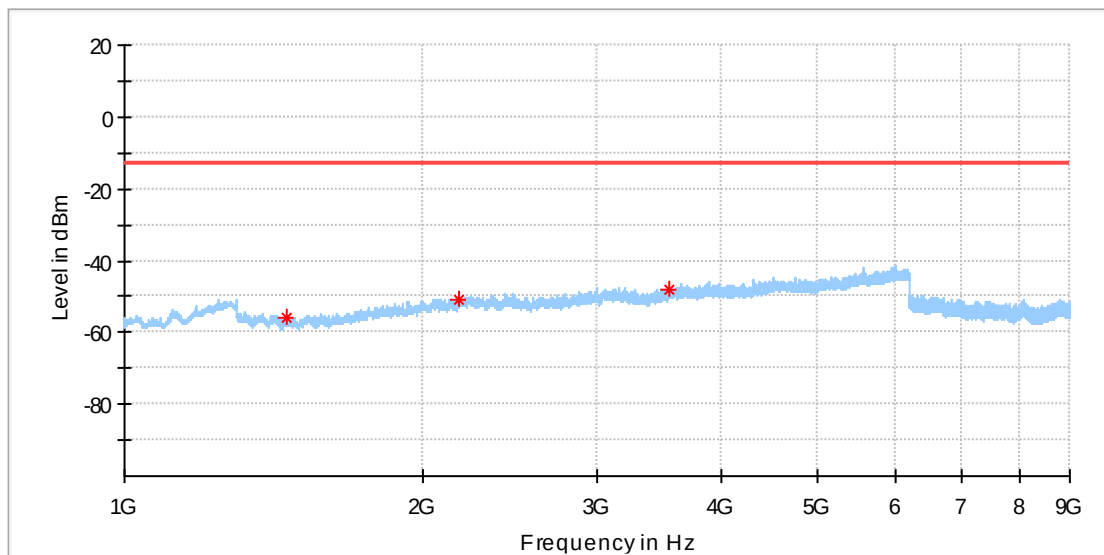
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1450.000000	-56.37	-13.00	43.37	100.0	V	338.0	-93.8
2125.000000	-50.88	-13.00	37.88	100.0	V	136.0	-87.9
2881.000000	-48.82	-13.00	35.82	100.0	V	46.0	-86.9

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



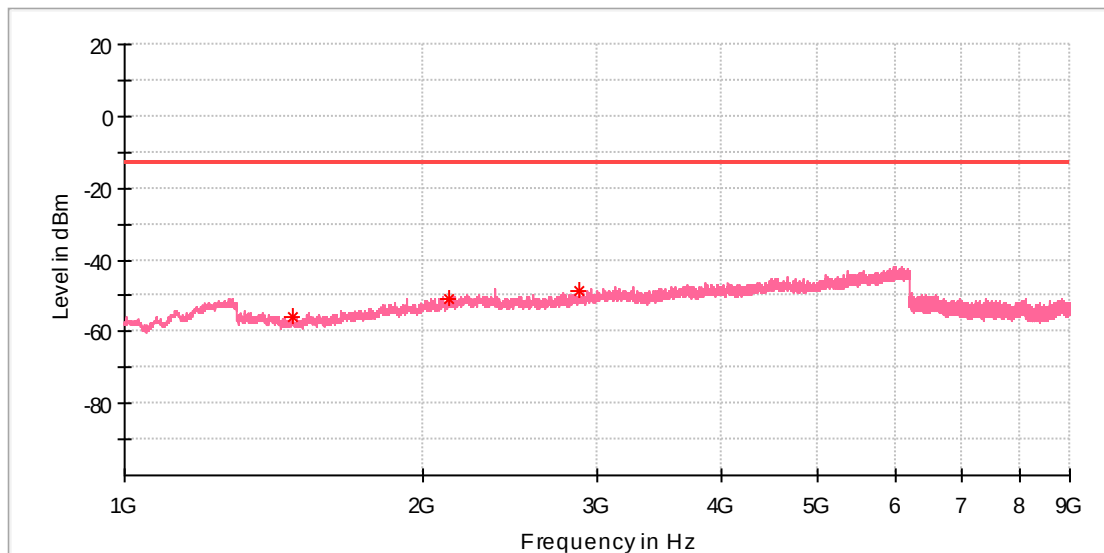
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1456.500000	-55.75	-13.00	42.75	100.0	H	295.0	-93.3
2172.000000	-50.99	-13.00	37.99	100.0	H	81.0	-88.1
3545.000000	-48.02	-13.00	35.02	100.0	H	193.0	-85.9

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

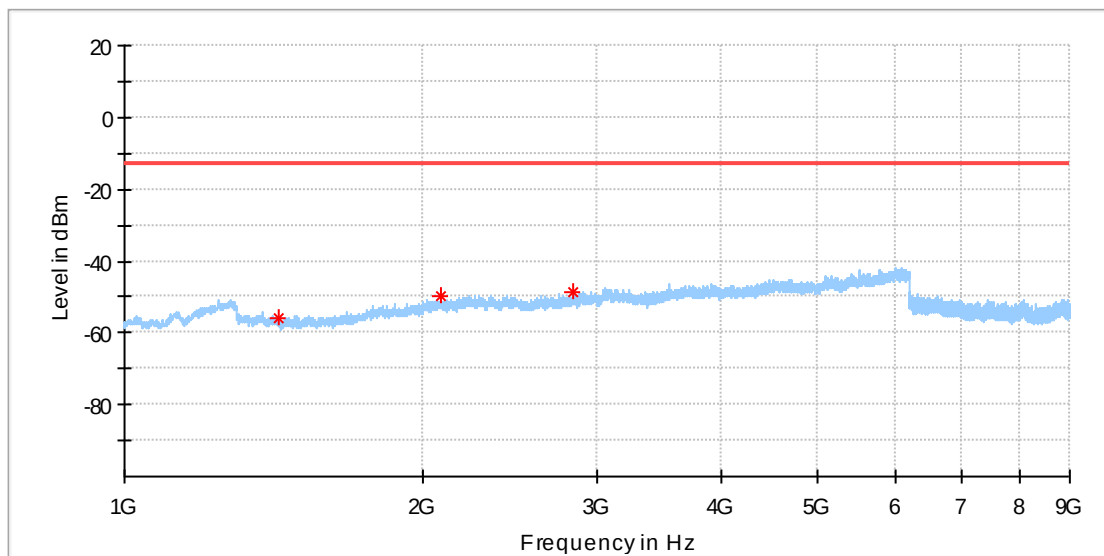
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1476.000000	-55.87	-13.00	42.87	100.0	V	0.0	-93.8
2124.000000	-51.01	-13.00	38.01	100.0	V	128.0	-87.9
2882.500000	-48.92	-13.00	35.92	100.0	V	23.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



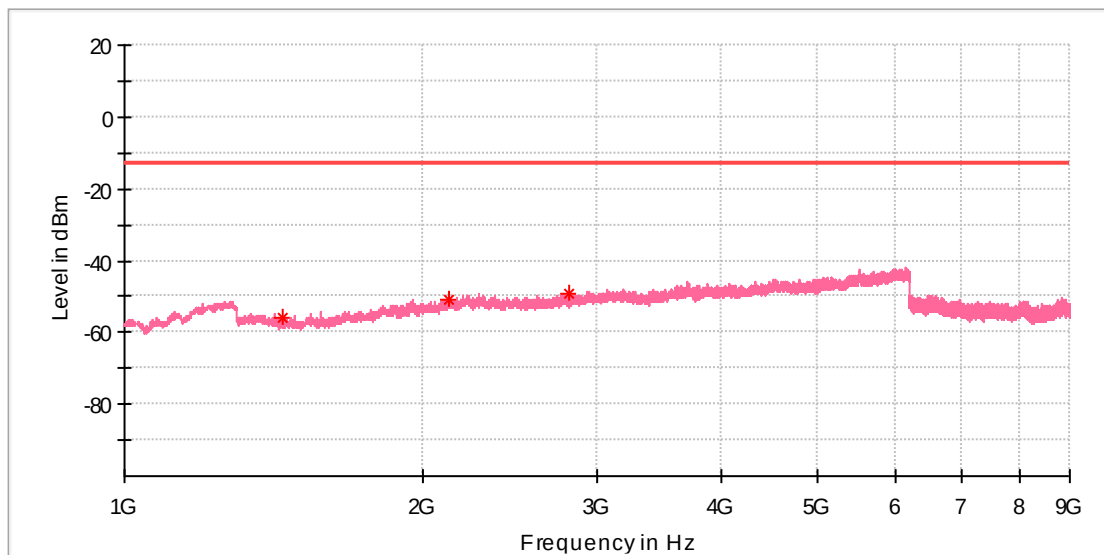
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.500000	-55.94	-13.00	42.94	100.0	H	72.0	-93.4
2086.000000	-49.97	-13.00	36.97	100.0	H	93.0	-88.6
2838.000000	-48.82	-13.00	35.82	100.0	H	156.0	-87.6

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



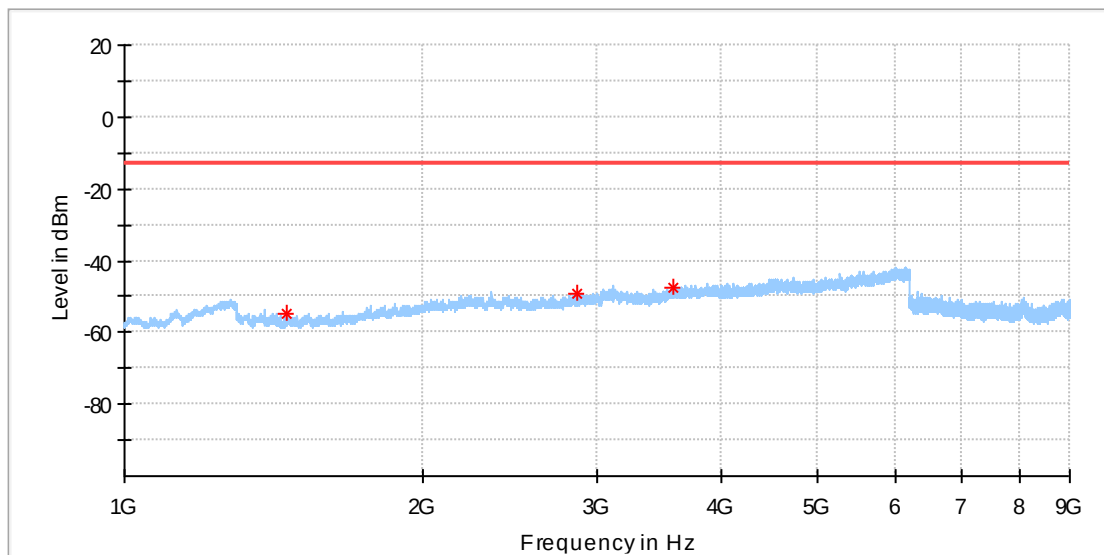
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1442.500000	-55.98	-13.00	42.98	100.0	V	273.0	-93.8
2128.500000	-50.63	-13.00	37.63	100.0	V	196.0	-87.7
2807.500000	-49.18	-13.00	36.18	100.0	V	259.0	-87.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



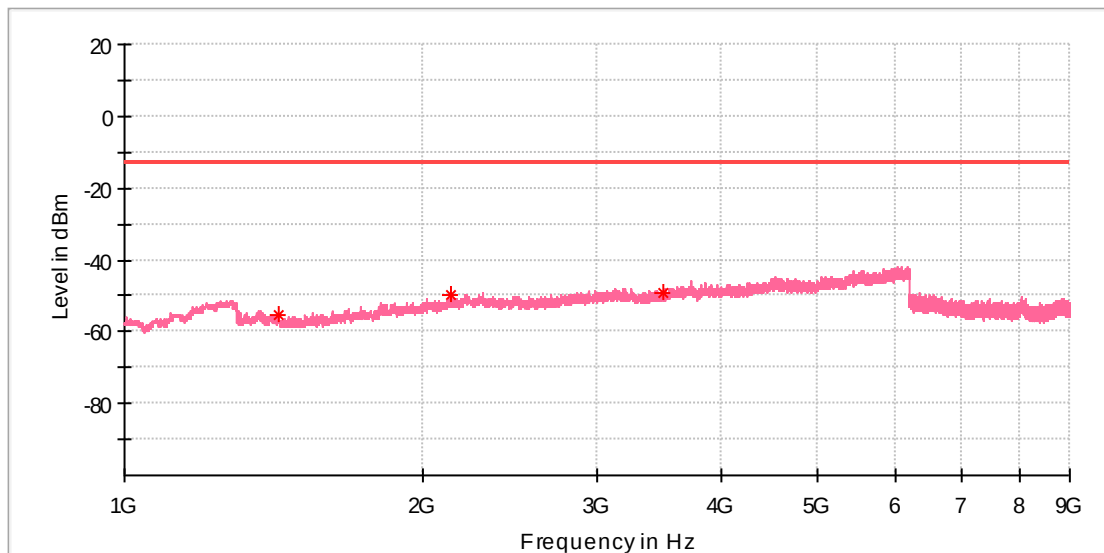
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1457.000000	-54.61	-13.00	41.61	100.0	H	237.0	-93.3
2868.000000	-49.17	-13.00	36.17	100.0	H	307.0	-86.8
3579.000000	-47.75	-13.00	34.75	100.0	H	334.0	-85.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



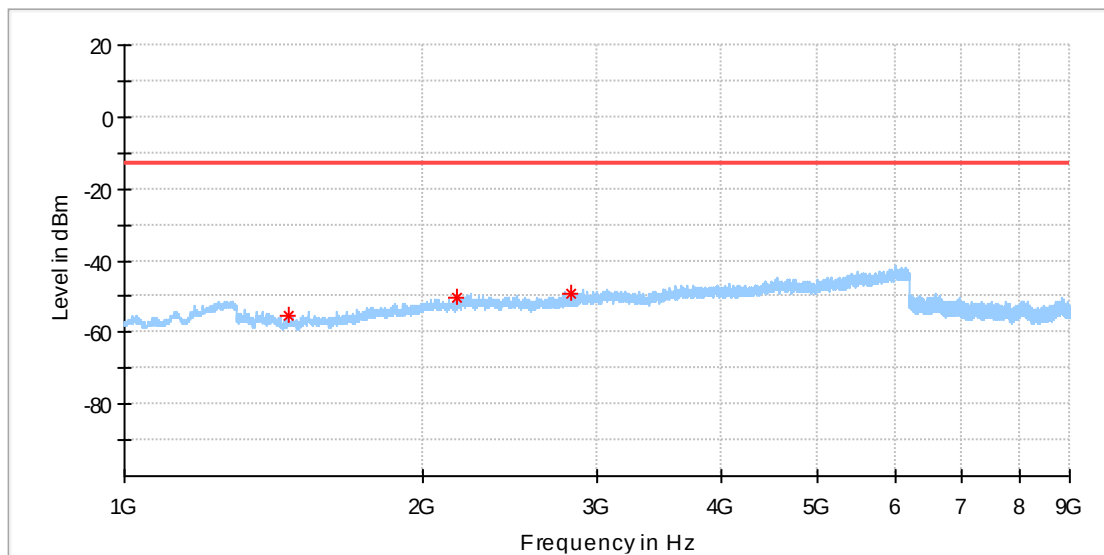
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1428.500000	-55.45	-13.00	42.45	100.0	V	199.0	-93.5
2136.000000	-49.67	-13.00	36.67	100.0	V	289.0	-87.8
3503.500000	-48.97	-13.00	35.97	100.0	V	185.0	-86.5

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



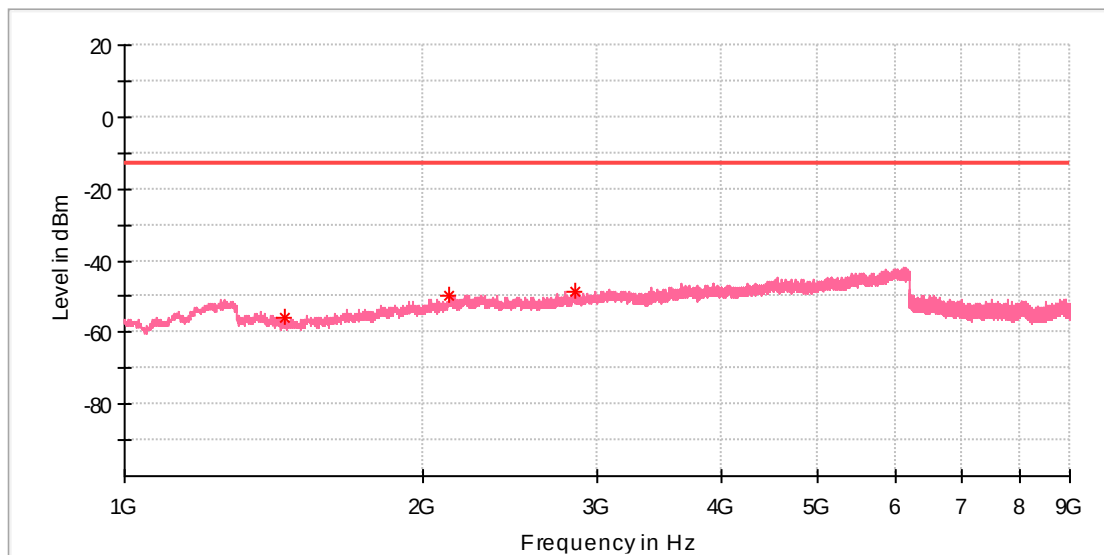
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1463.000000	-55.18	-13.00	42.18	100.0	H	150.0	-93.2
2166.000000	-50.05	-13.00	37.05	100.0	H	108.0	-88.3
2825.500000	-49.19	-13.00	36.19	100.0	H	87.0	-87.5

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

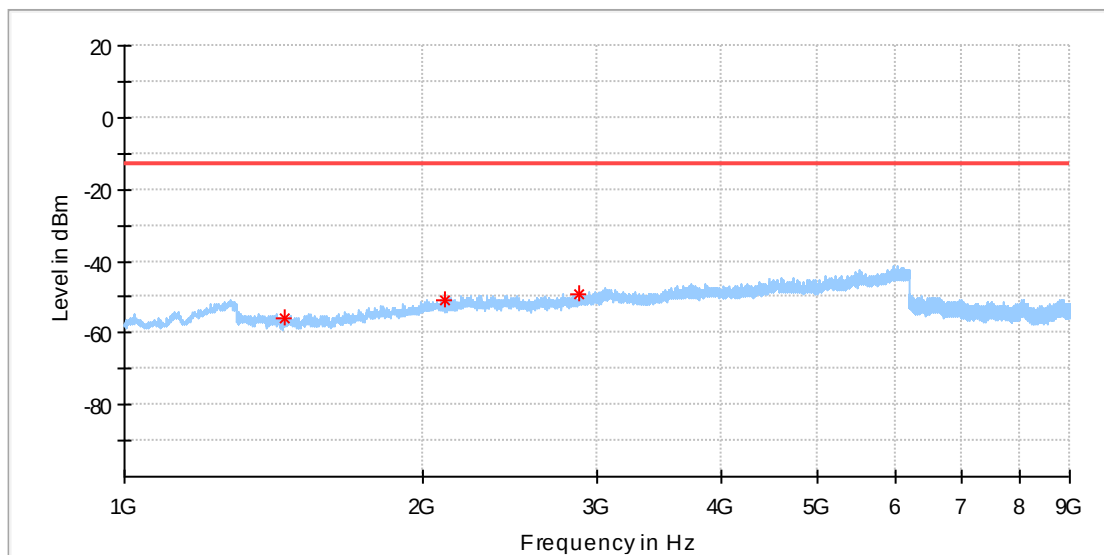
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1450.500000	-56.09	-13.00	43.09	100.0	V	145.0	-93.8
2125.500000	-49.85	-13.00	36.85	100.0	V	243.0	-87.9
2851.500000	-48.73	-13.00	35.73	100.0	V	166.0	-87.2

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



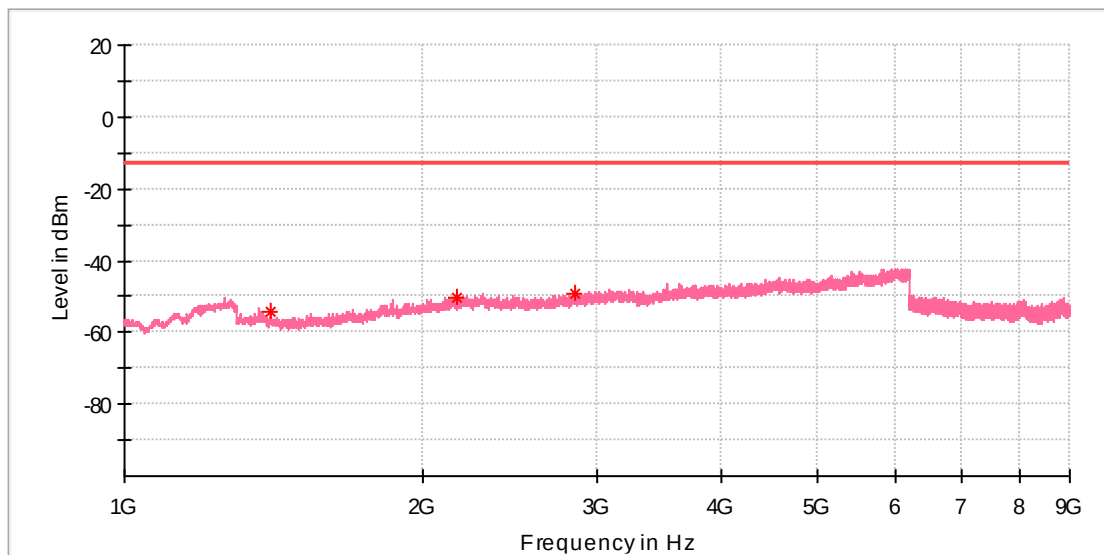
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1454.500000	-56.14	-13.00	43.14	100.0	H	30.0	-93.4
2106.500000	-50.96	-13.00	37.96	100.0	H	359.0	-89.0
2883.000000	-49.27	-13.00	36.27	100.0	H	100.0	-86.8

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



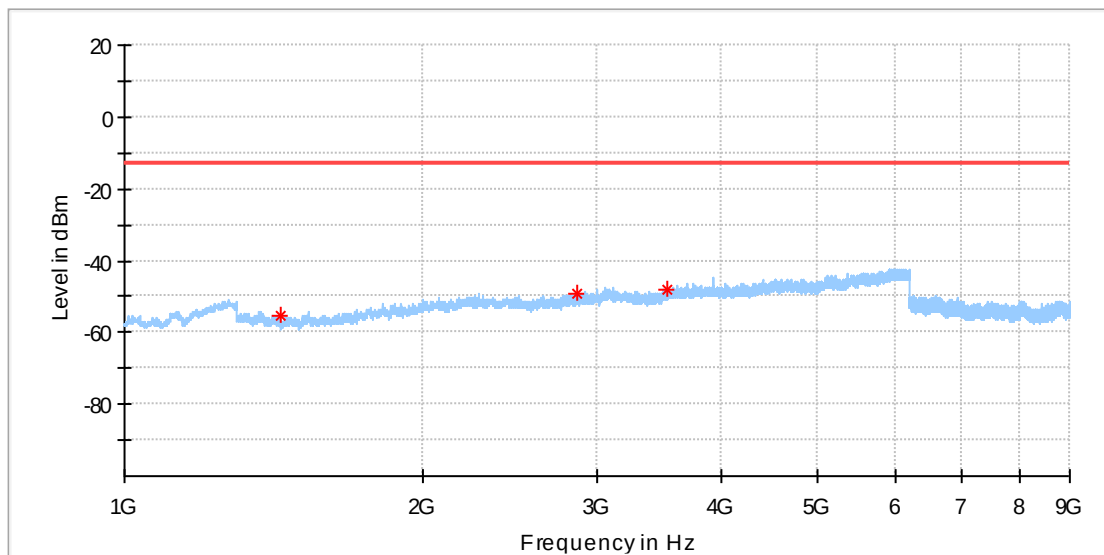
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1404.500000	-54.44	-13.00	41.44	100.0	V	260.0	-92.7
2165.000000	-50.53	-13.00	37.53	100.0	V	288.0	-88.2
2847.500000	-49.09	-13.00	36.09	100.0	V	156.0	-87.3

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



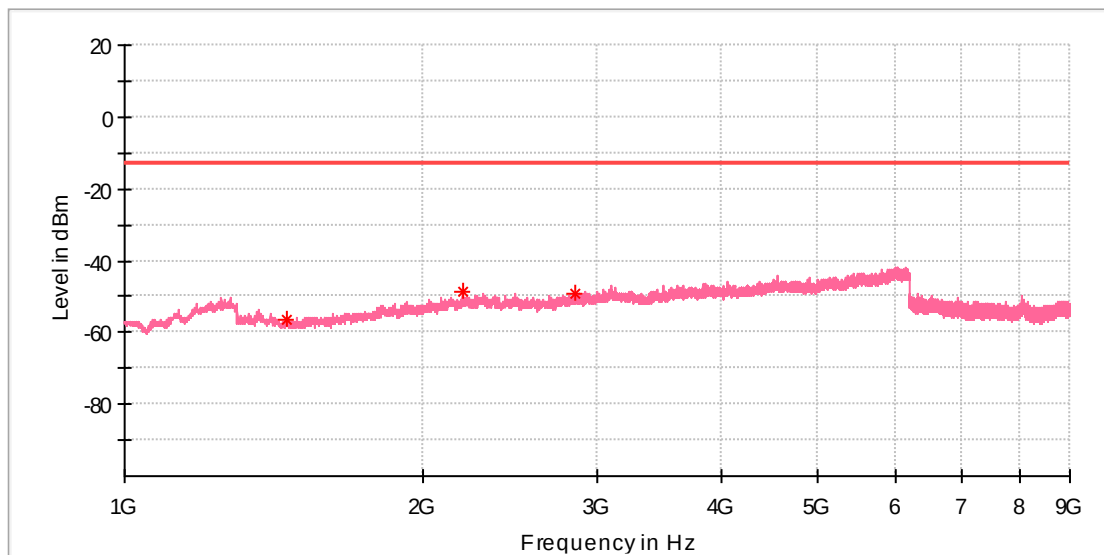
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1434.500000	-55.21	-13.00	42.21	100.0	H	293.0	-93.6
2869.000000	-49.14	-13.00	36.14	100.0	H	210.0	-86.8
3537.000000	-48.26	-13.00	35.26	100.0	H	161.0	-85.9

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 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

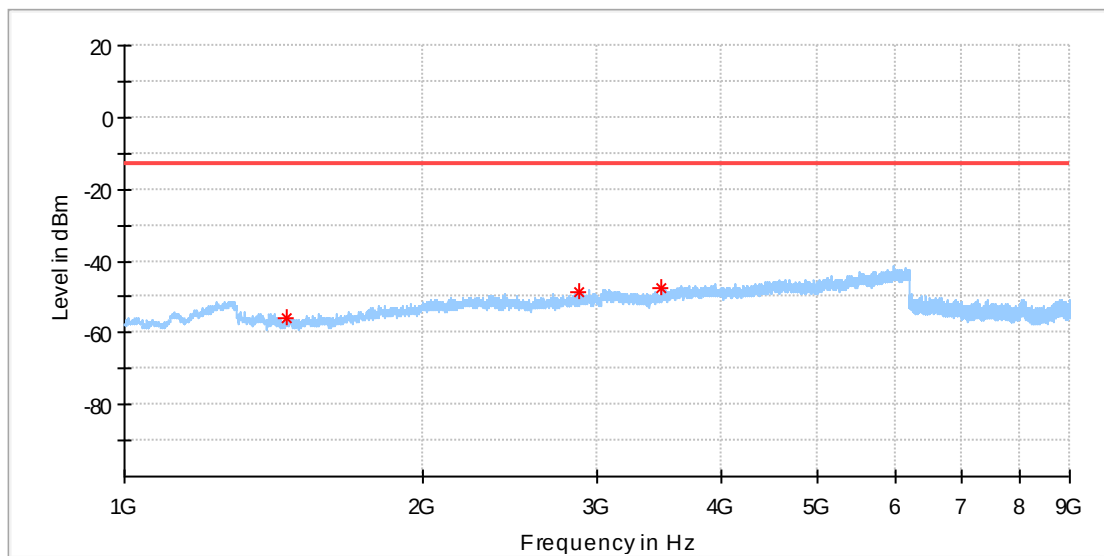
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1461.000000	-56.42	-13.00	43.42	100.0	V	252.0	-93.8
2191.500000	-48.83	-13.00	35.83	100.0	V	335.0	-87.6
2848.500000	-49.35	-13.00	36.35	100.0	V	238.0	-87.2

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



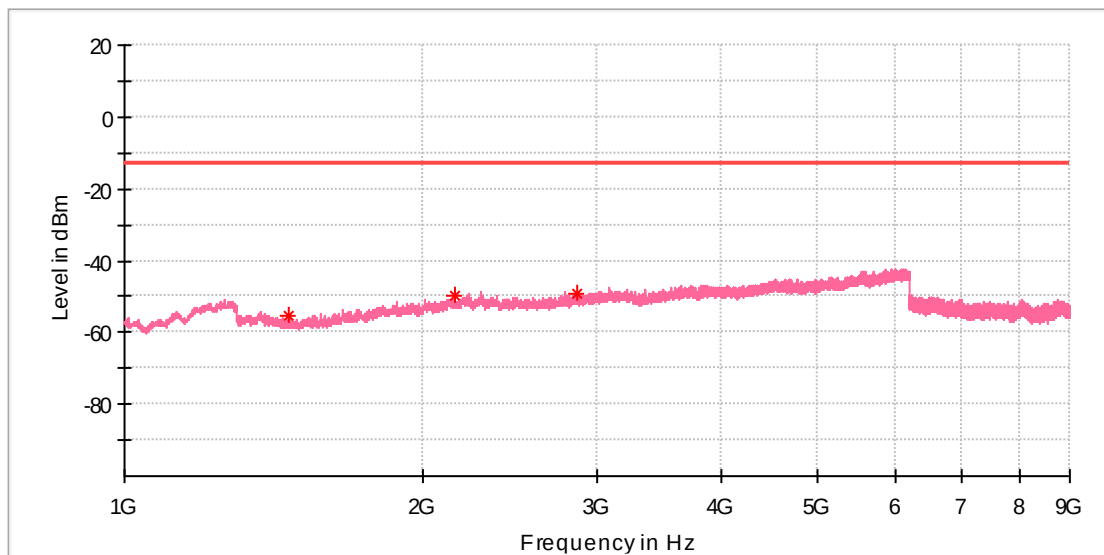
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1459.000000	-55.78	-13.00	42.78	100.0	H	331.0	-93.2
2881.000000	-48.52	-13.00	35.52	100.0	H	172.0	-86.8
3487.500000	-47.80	-13.00	34.80	100.0	H	275.0	-86.7

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



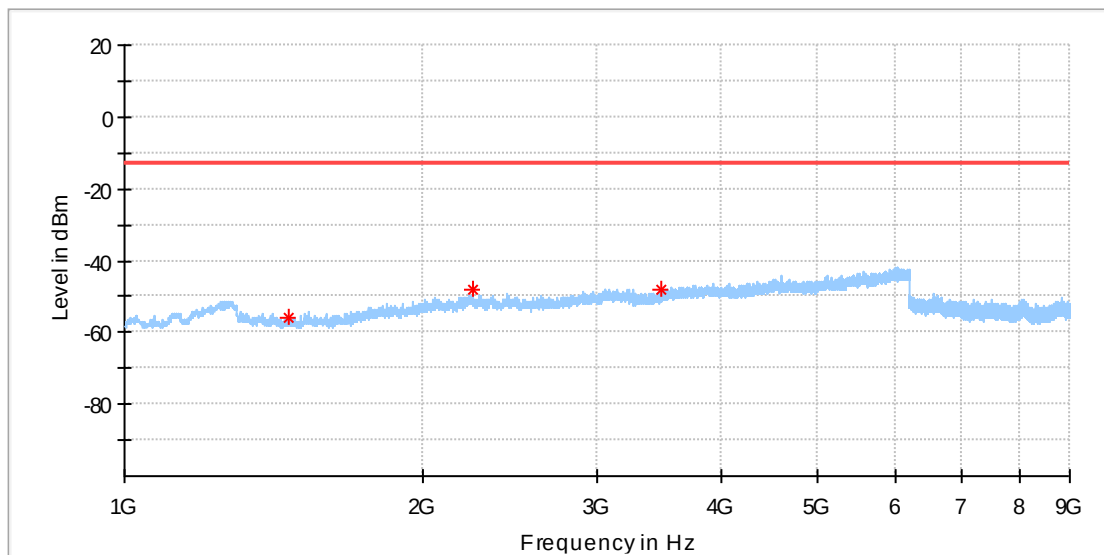
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1467.000000	-55.11	-13.00	42.11	100.0	V	300.0	-93.8
2151.500000	-49.82	-13.00	36.82	100.0	V	0.0	-88.1
2867.000000	-49.09	-13.00	36.09	100.0	V	57.0	-86.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



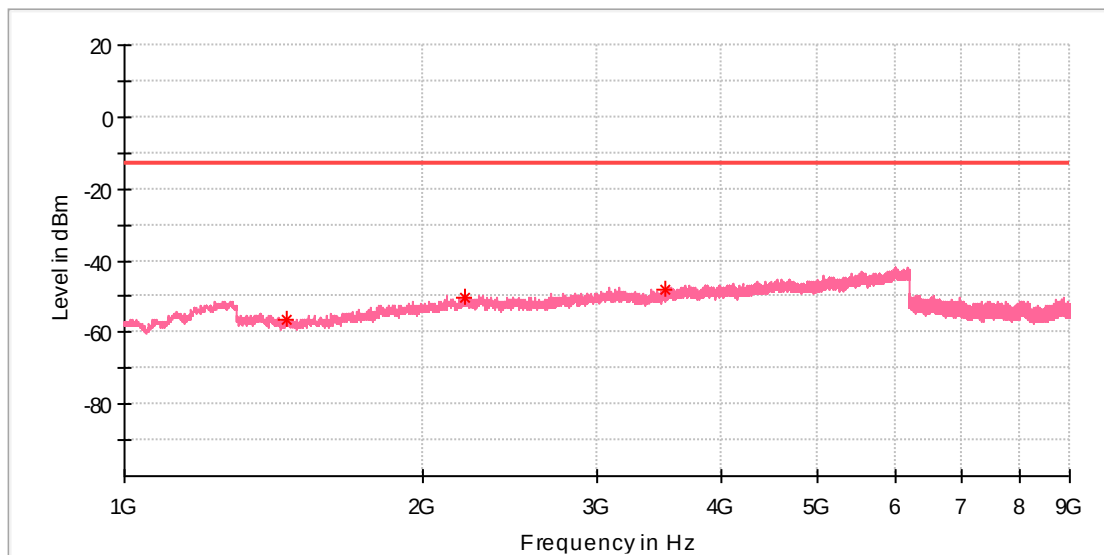
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1463.500000	-55.77	-13.00	42.77	100.0	H	354.0	-93.2
2248.500000	-48.28	-13.00	35.28	100.0	H	63.0	-87.4
3477.500000	-48.13	-13.00	35.13	100.0	H	112.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



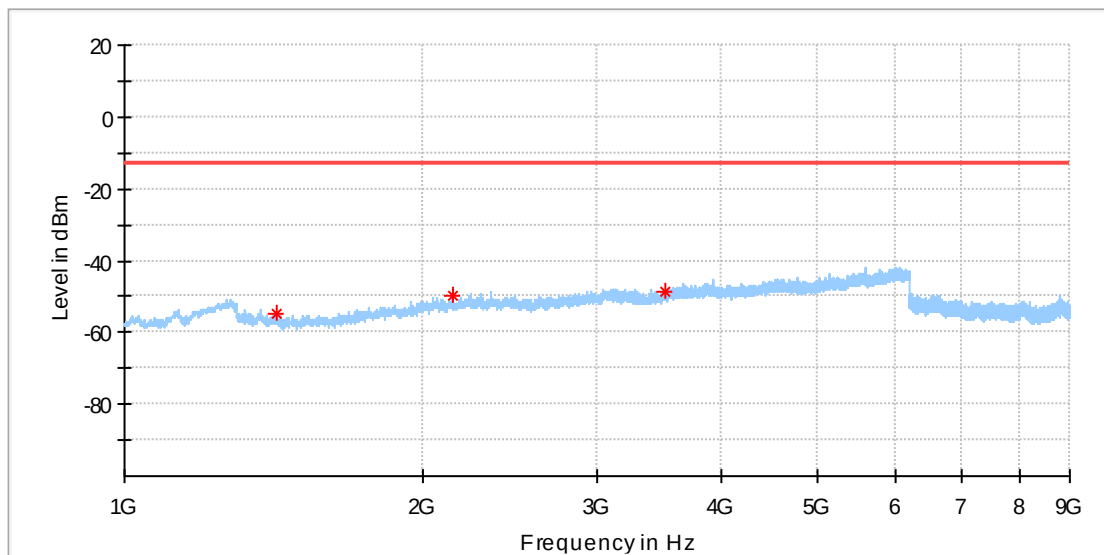
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1455.000000	-56.51	-13.00	43.51	100.0	V	198.0	-93.8
2206.000000	-50.23	-13.00	37.23	100.0	V	309.0	-87.2
3510.500000	-48.30	-13.00	35.30	100.0	V	136.0	-86.4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



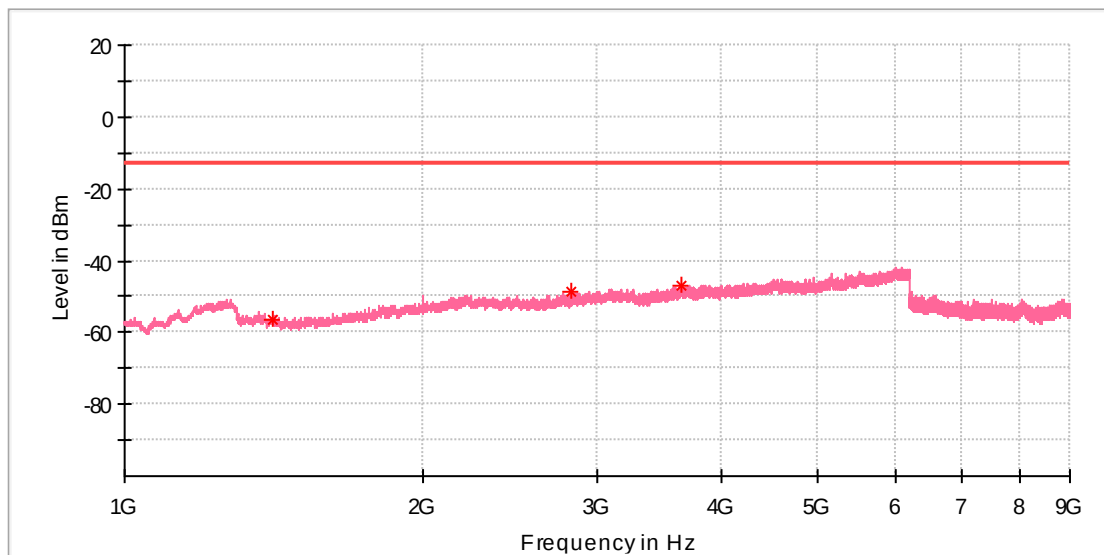
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1426.000000	-55.01	-13.00	42.01	100.0	H	11.0	-93.1
2141.000000	-49.82	-13.00	36.82	100.0	H	288.0	-88.4
3507.000000	-48.40	-13.00	35.40	100.0	H	136.0	-86.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested 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	-56.47	-13.00	43.47	100.0	V	119.0	-92.9
2825.500000	-48.60	-13.00	35.60	100.0	V	203.0	-87.4
3653.500000	-46.91	-13.00	33.91	100.0	V	50.0	-85.7

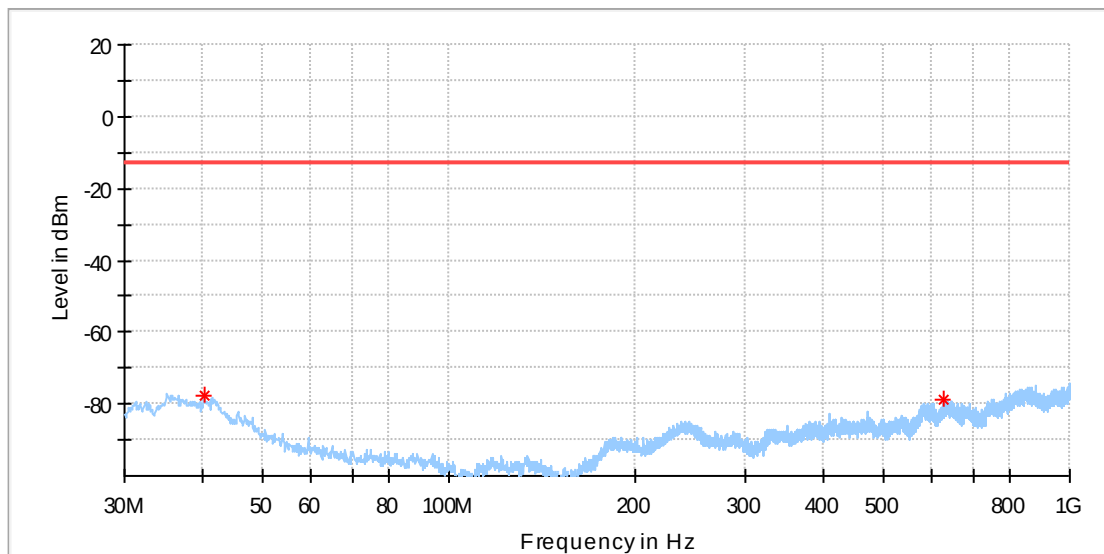
Appendix L.11: Field Strength of Spurious Radiation for Band 85

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



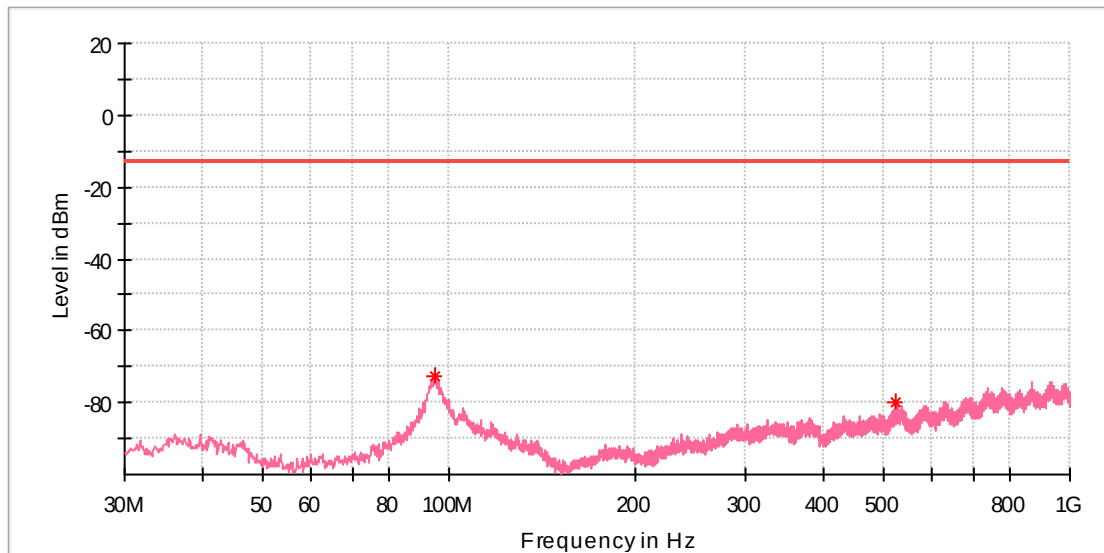
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.306250	-77.77	-13.00	64.77	100.0	H	130.0	-112.9
625.580000	-78.96	-13.00	65.96	100.0	H	193.0	-105.4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

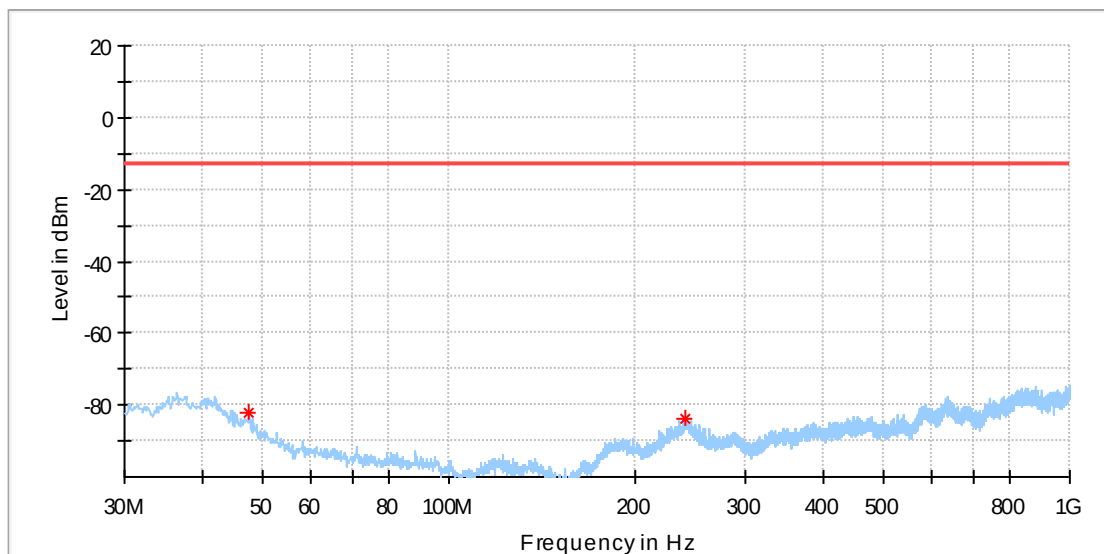
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.111250	-72.66	-13.00	59.66	100.0	V	63.0	-99.6
522.153750	-80.08	-13.00	67.08	100.0	V	189.0	-108.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



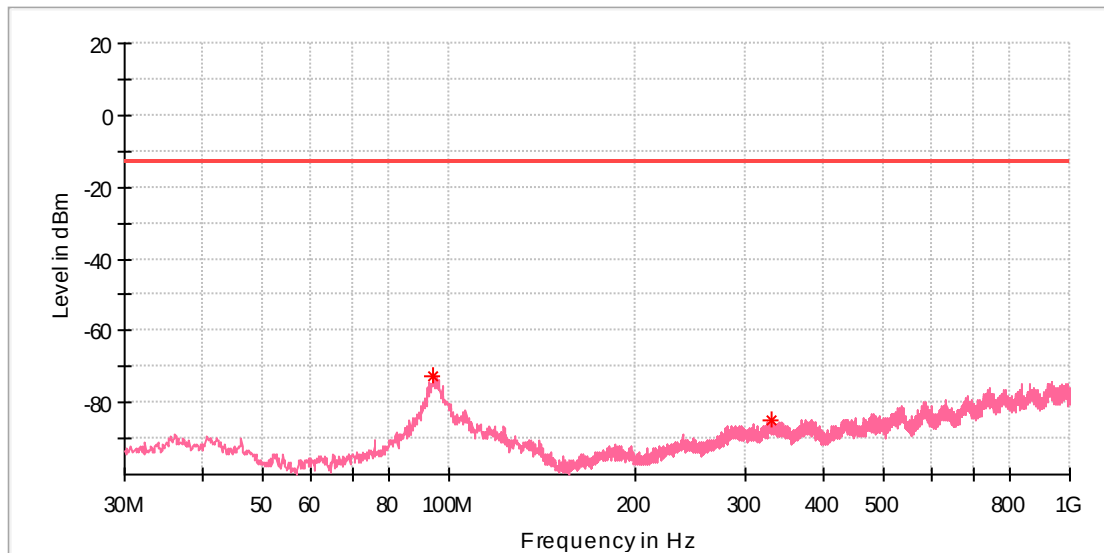
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
47.581250	-82.04	-13.00	69.04	100.0	H	86.0	-114.0
240.611250	-83.65	-13.00	70.65	100.0	H	173.0	-110.4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

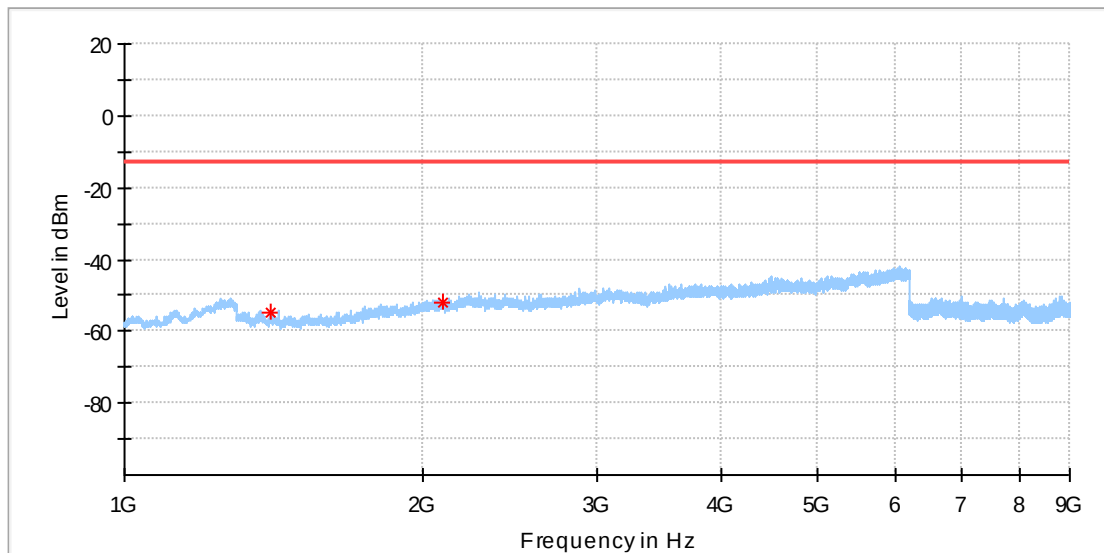
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.75	-13.00	59.75	100.0	V	220.0	-99.6
331.548750	-85.02	-13.00	72.02	100.0	V	353.0	-112.0

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1405.500000	-54.97	---	-13.00	41.97	100.0	H	347.0	-92.8
2099.500000	-51.83	---	-13.00	38.83	100.0	H	12.0	-88.8

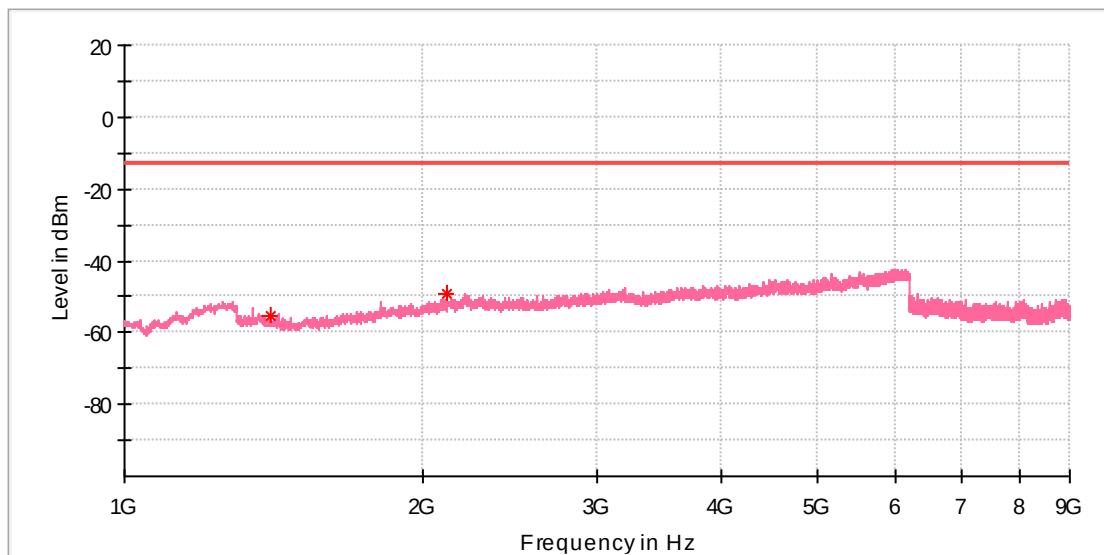
Final Result

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1404.000000	-55.31	---	-13.00	42.31	100.0	V	129.0	-92.7
2115.500000	-49.22	---	-13.00	36.22	100.0	V	17.0	-88.3

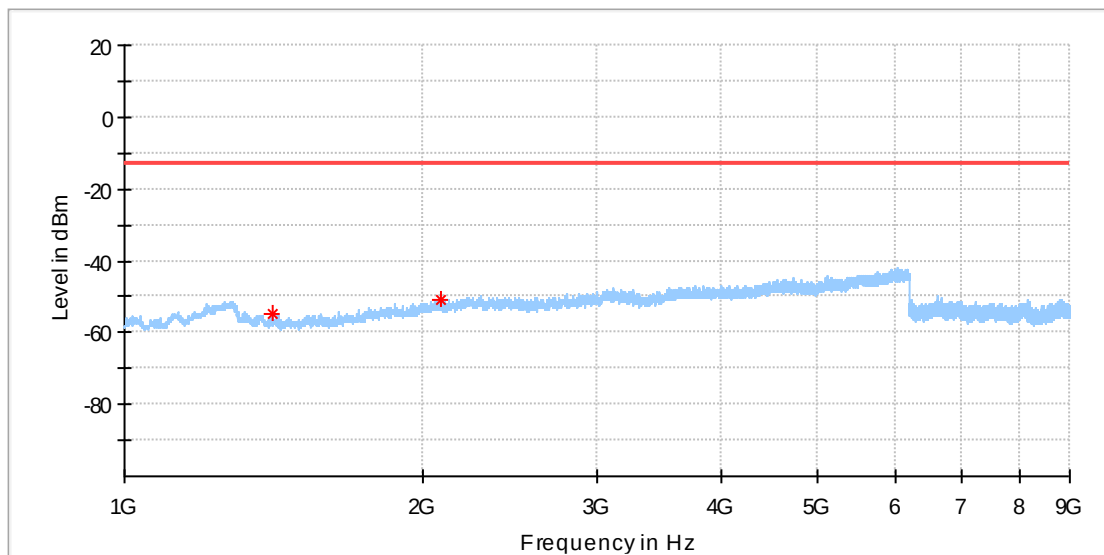
Final Result

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1409.500000	-54.99	---	-13.00	41.99	100.0	H	219.0	-92.7
2088.500000	-50.65	---	-13.00	37.65	100.0	H	79.0	-88.6

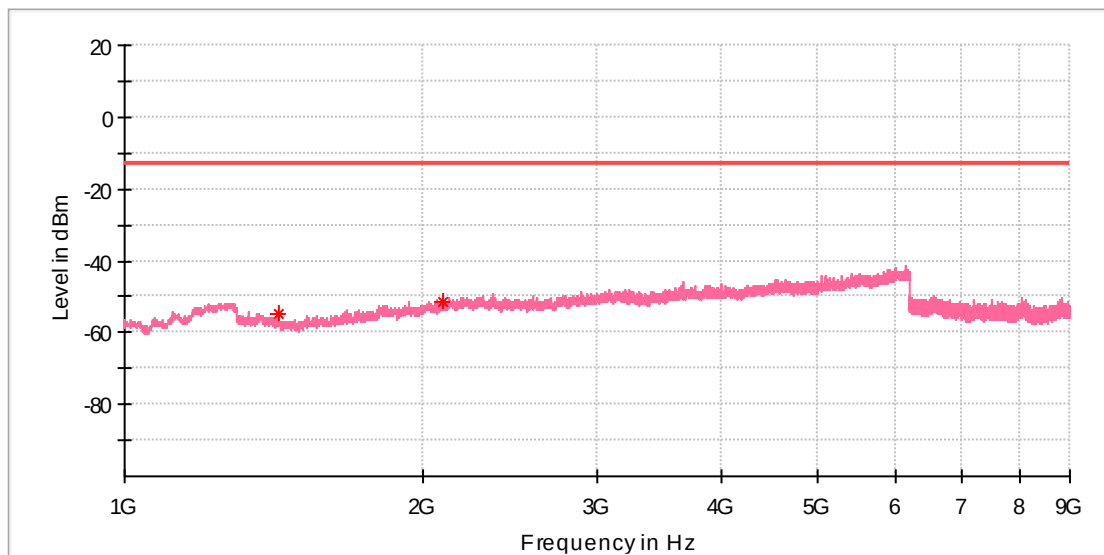
Final Result

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1429.000000	-54.60	---	-13.00	41.60	100.0	V	64.0	-93.5
2100.500000	-51.26	---	-13.00	38.26	100.0	V	339.0	-88.6

Final Result

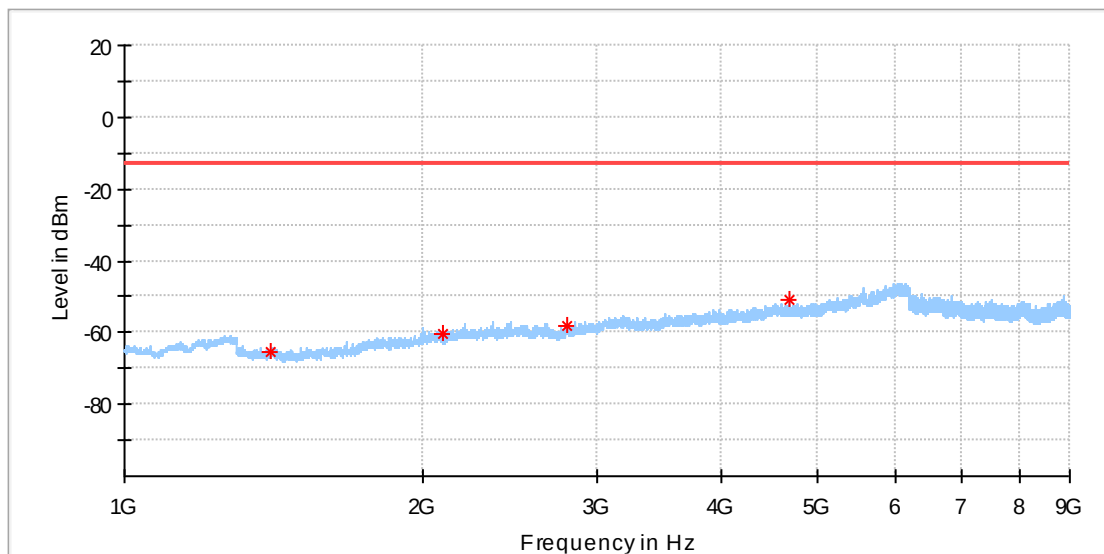
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



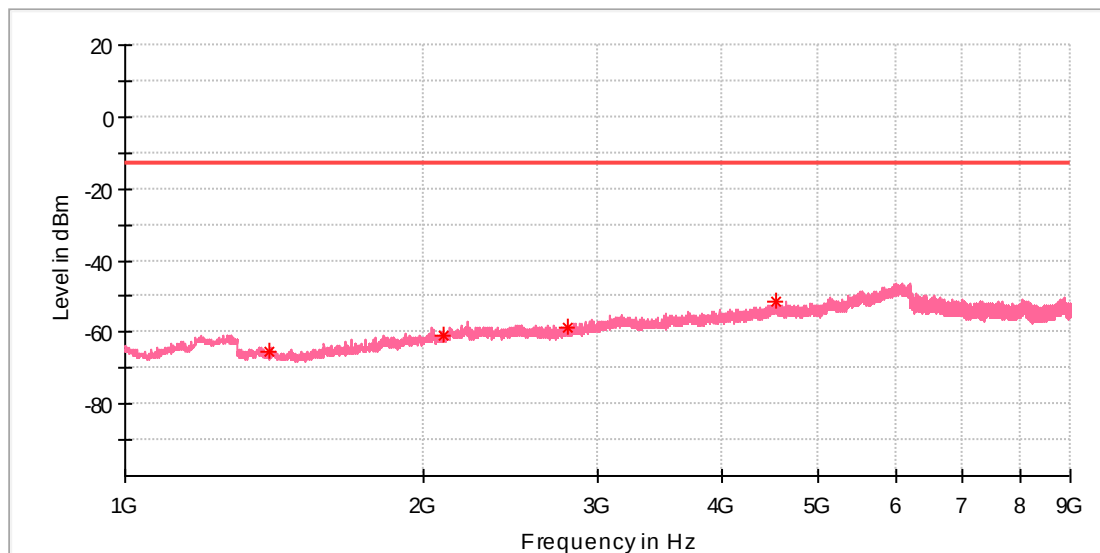
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1401.500000	-65.26	-13.00	52.26	100.0	H	248.0	-92.9
2098.000000	-60.37	-13.00	47.37	100.0	H	12.0	-88.8
2801.000000	-58.14	-13.00	45.14	100.0	H	331.0	-87.4
4681.000000	-51.10	-13.00	38.10	100.0	H	157.0	-83.8

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-VW
Test Mode: TX Low 15kHz BPSK 1@0
Test Voltage: DC 3.8V
Remark: Temp 23 Humi:42%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



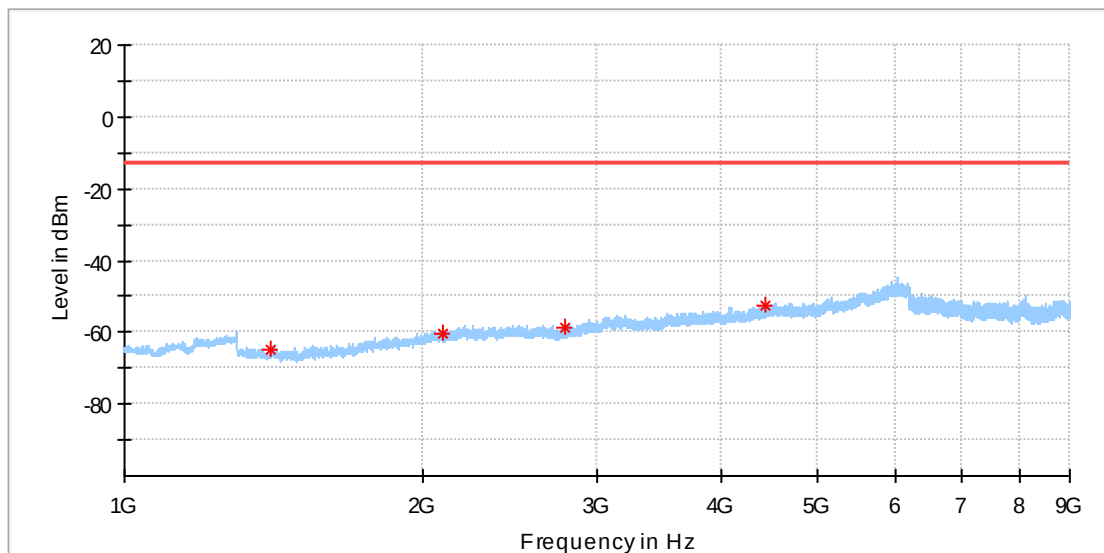
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1395.500000	-65.32	-13.00	52.32	100.0	V	84.0	-93.0
2100.000000	-60.91	-13.00	47.91	100.0	V	139.0	-88.6
2795.000000	-58.81	-13.00	45.81	100.0	V	188.0	-87.3
4541.000000	-51.40	-13.00	38.40	100.0	V	63.0	-83.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



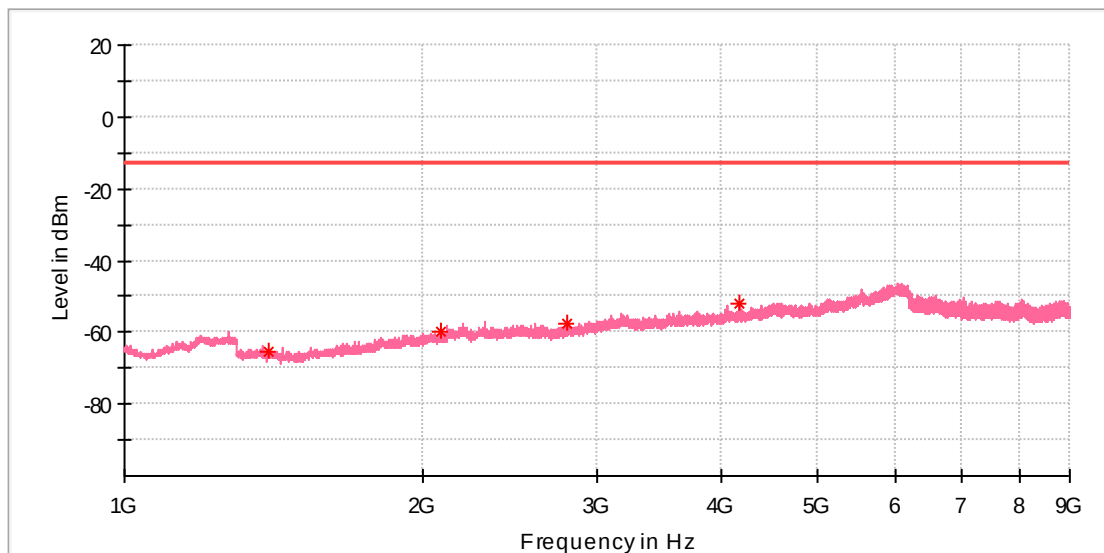
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1405.500000	-64.75	-13.00	51.75	100.0	H	43.0	-92.8
2092.000000	-60.39	-13.00	47.39	100.0	H	326.0	-88.7
2788.000000	-58.50	-13.00	45.50	100.0	H	50.0	-87.4
4442.000000	-52.50	-13.00	39.50	100.0	H	357.0	-84.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



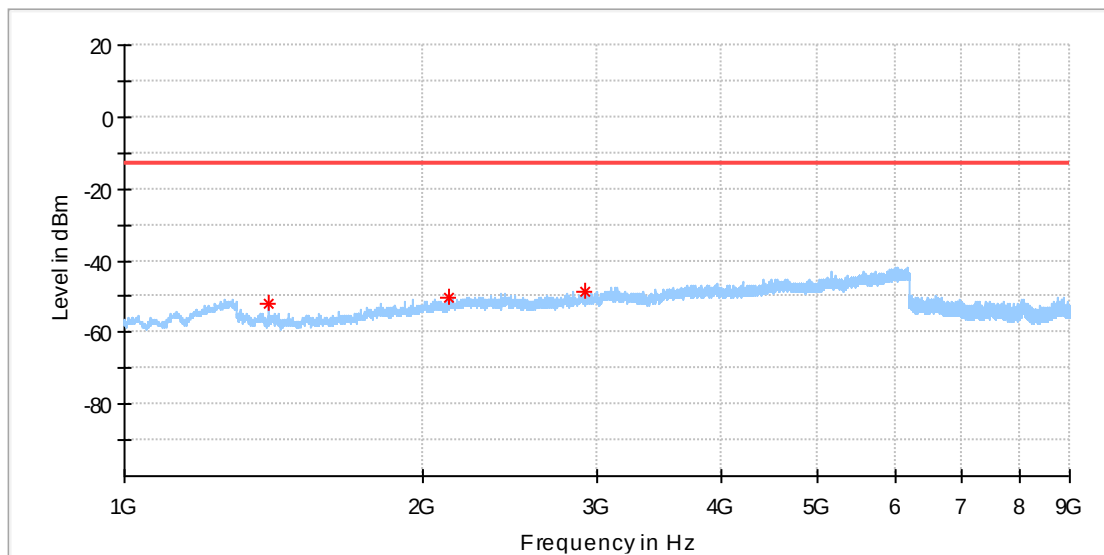
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1399.000000	-65.45	-13.00	52.45	100.0	V	116.0	-92.8
2089.000000	-59.55	-13.00	46.55	100.0	V	116.0	-88.7
2803.500000	-57.66	-13.00	44.66	100.0	V	227.0	-87.3
4172.500000	-52.06	-13.00	39.06	100.0	V	304.0	-85.4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



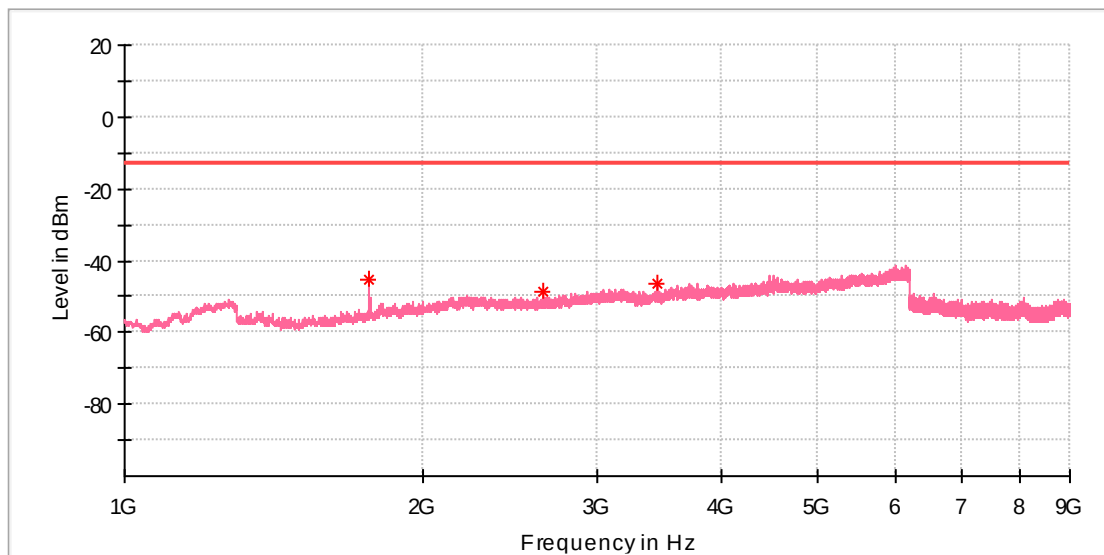
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1396.500000	-52.18	-13.00	39.18	100.0	H	58.0	-93.1
2130.000000	-50.38	-13.00	37.38	100.0	H	267.0	-88.2
2923.000000	-48.47	-13.00	35.47	100.0	H	17.0	-87.0

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX Low 15kHz QPSK 12@0
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1766.000000	-45.20	-13.00	32.20	100.0	V	147.0	-91.2
2649.000000	-48.70	-13.00	35.70	100.0	V	154.0	-88.1
3446.000000	-46.67	-13.00	33.67	100.0	V	78.0	-86.5

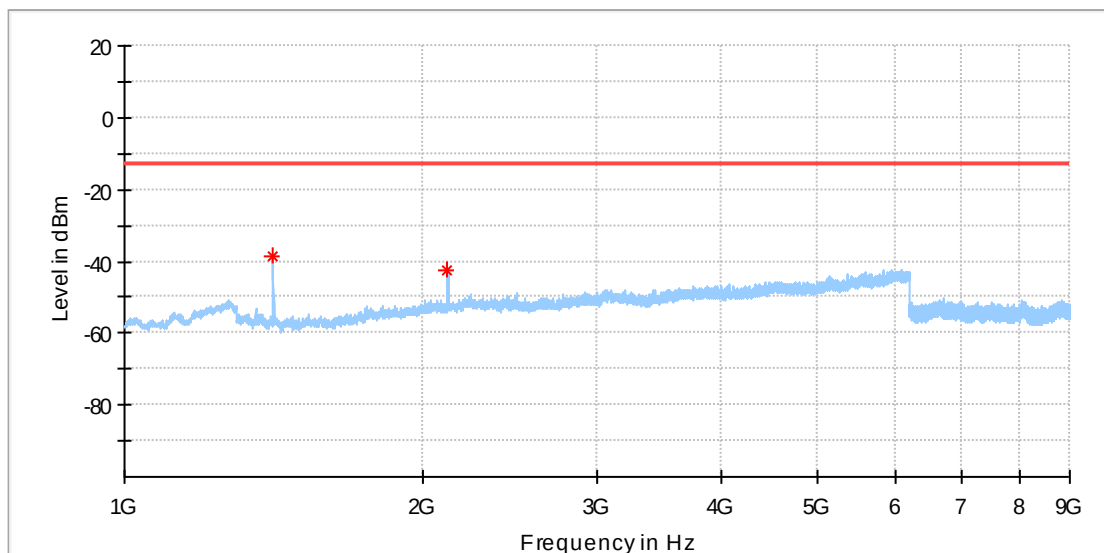
Produkte
Products

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1413.500000	-38.49	---	-13.00	25.49	100.0	H	251.0	-92.5
2120.500000	-42.67	---	-13.00	29.67	100.0	H	63.0	-88.6

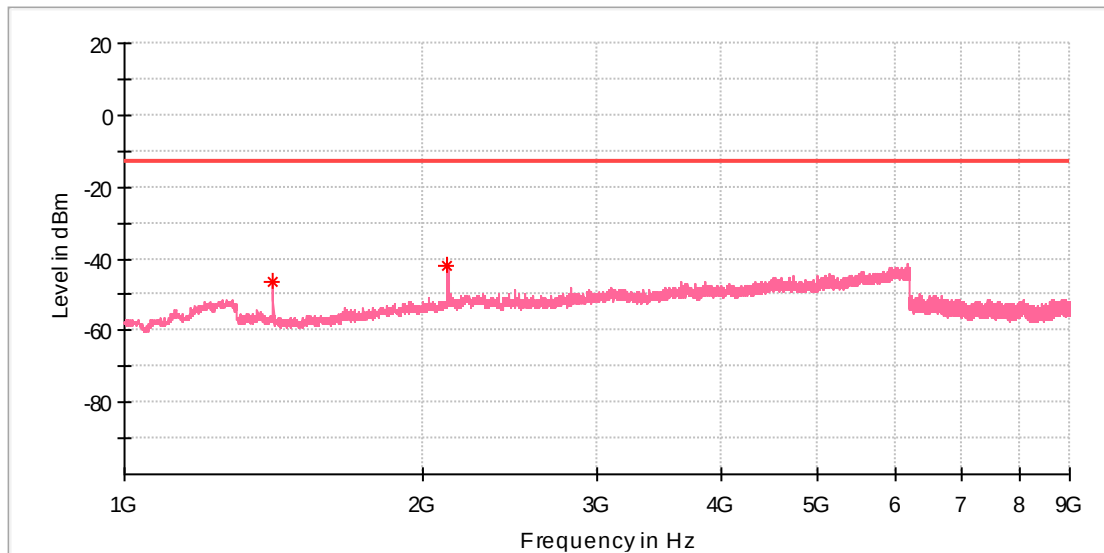
Final_Result

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1413.500000	-46.70	---	-13.00	33.70	100.0	V	279.0	-92.9
2120.500000	-41.81	---	-13.00	28.81	100.0	V	321.0	-88.1

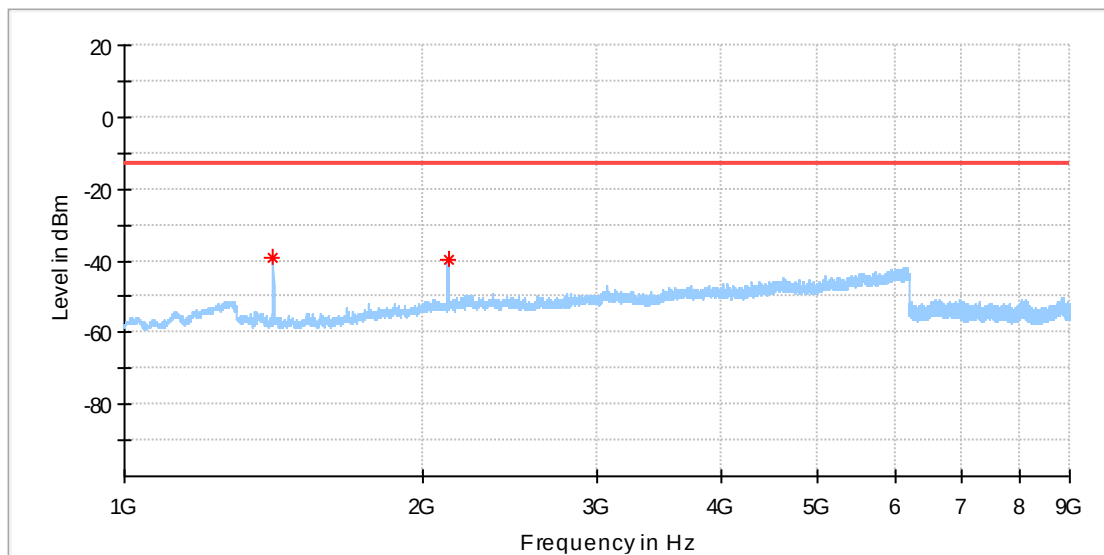
Final_Result

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1414.000000	-39.30	---	-13.00	26.30	100.0	H	256.0	-92.5
2121.000000	-39.54	---	-13.00	26.54	100.0	H	70.0	-88.6

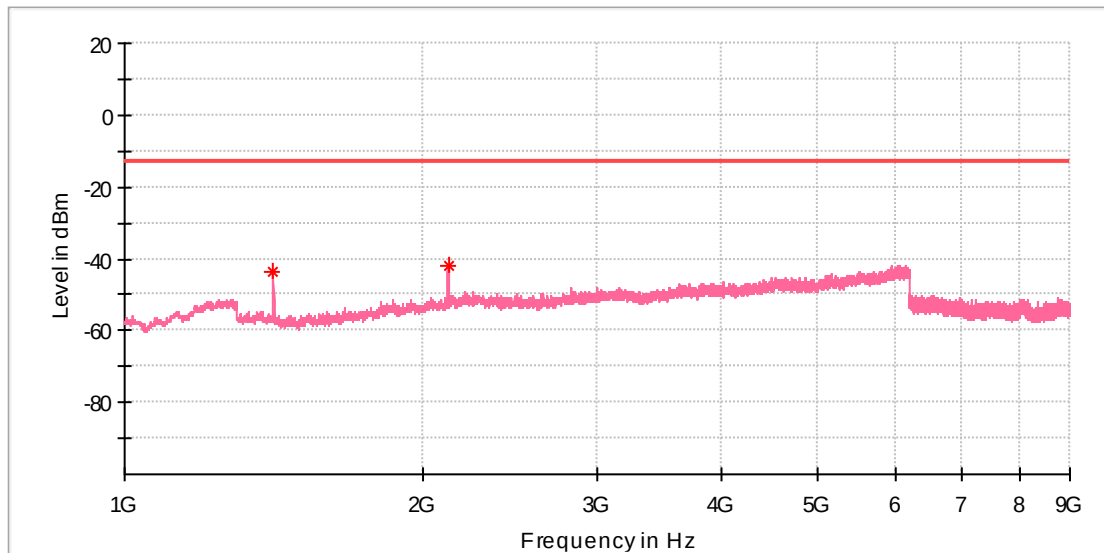
Final_Result

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 Mid 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1413.500000	-43.55	---	-13.00	30.55	100.0	V	283.0	-92.9
2121.000000	-42.14	---	-13.00	29.14	100.0	V	322.0	-88.1

Final Result

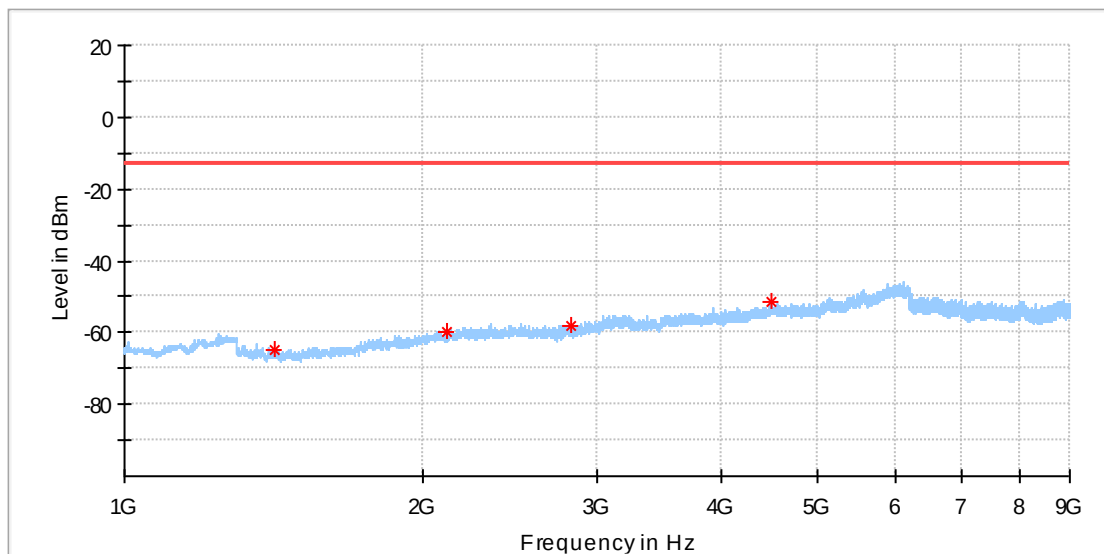
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Mid 15kHz BPSK 1@11
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



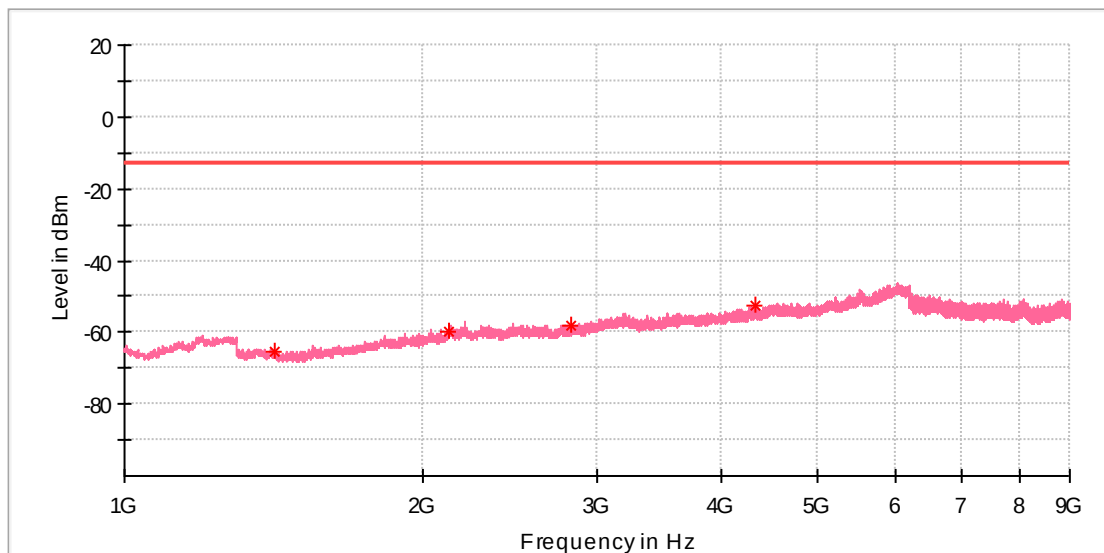
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1415.000000	-64.70	-13.00	51.70	100.0	H	331.0	-92.5
2119.000000	-60.06	-13.00	47.06	100.0	H	6.0	-88.6
2829.500000	-58.18	-13.00	45.18	100.0	H	331.0	-87.5
4495.500000	-51.62	-13.00	38.62	100.0	H	67.0	-83.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



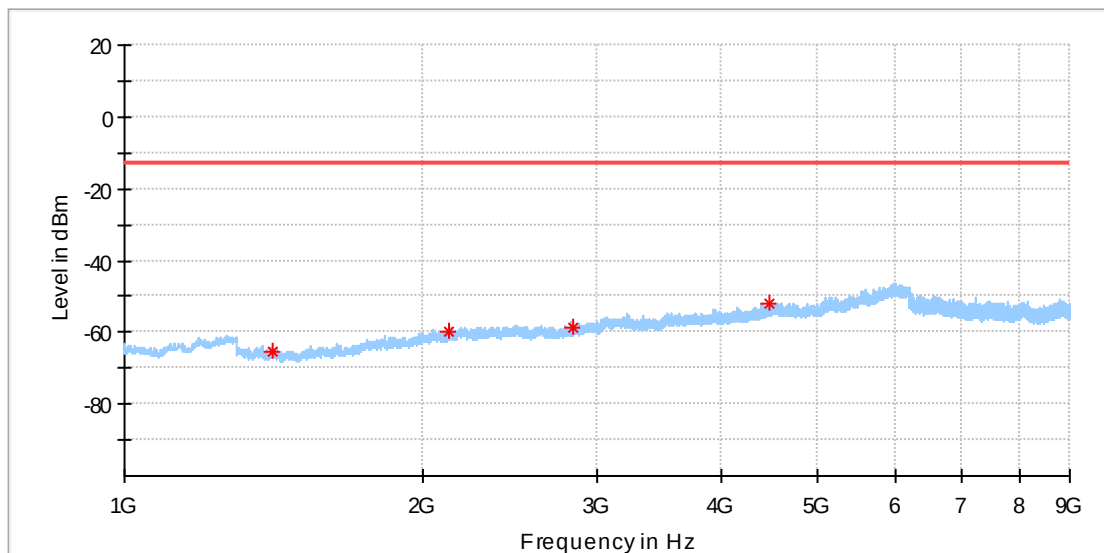
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1421.000000	-65.53	-13.00	52.53	100.0	V	112.0	-93.2
2125.500000	-59.84	-13.00	46.84	100.0	V	354.0	-87.9
2828.500000	-57.88	-13.00	44.88	100.0	V	133.0	-87.4
4335.000000	-52.80	-13.00	39.80	100.0	V	29.0	-84.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



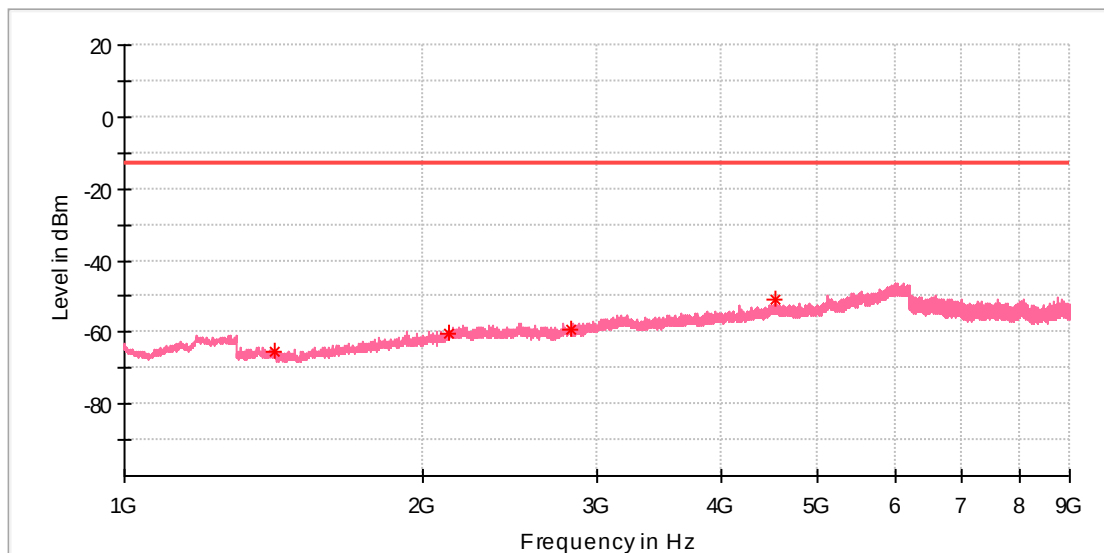
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-65.60	-13.00	52.60	100.0	H	232.0	-92.5
2121.500000	-59.99	-13.00	46.99	100.0	H	274.0	-88.5
2830.500000	-58.68	-13.00	45.68	100.0	H	58.0	-87.5
4468.500000	-52.01	-13.00	39.01	100.0	H	65.0	-84.1

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



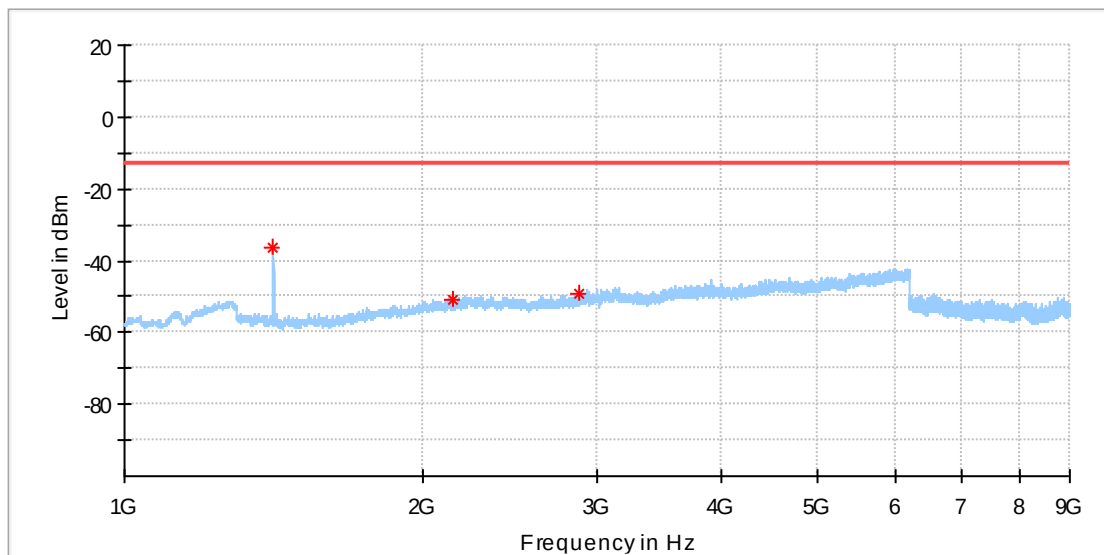
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1417.000000	-65.63	-13.00	52.63	100.0	V	331.0	-93.0
2121.000000	-60.62	-13.00	47.62	100.0	V	213.0	-88.1
2830.000000	-59.31	-13.00	46.31	100.0	V	227.0	-87.4
4536.000000	-51.08	-13.00	38.08	100.0	V	220.0	-83.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



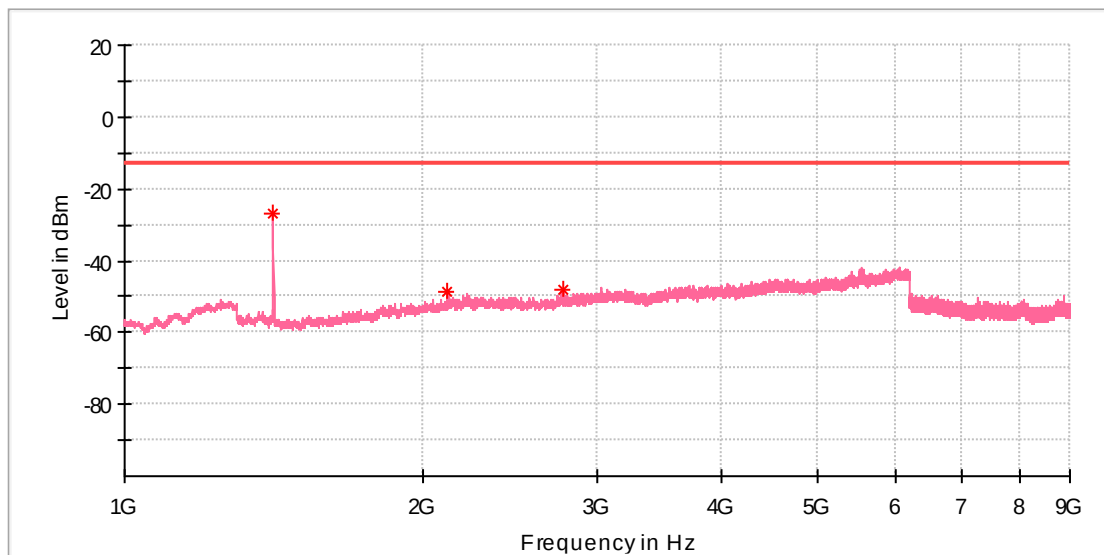
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-36.42	-13.00	23.42	100.0	H	23.0	-92.5
2145.000000	-50.66	-13.00	37.66	100.0	H	252.0	-88.5
2879.000000	-49.18	-13.00	36.18	100.0	H	349.0	-86.8

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

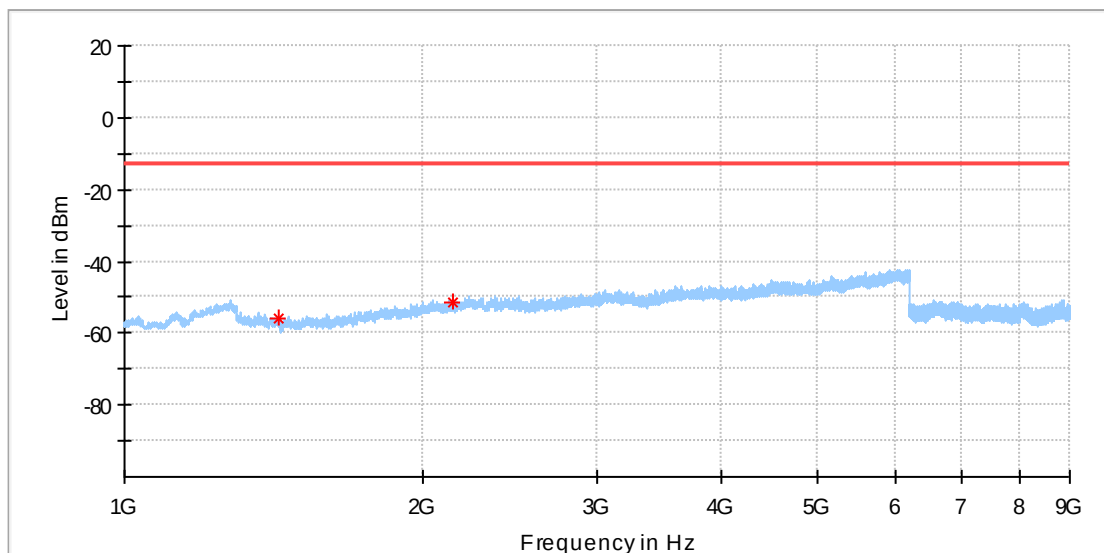
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-27.12	-13.00	14.12	100.0	V	4.0	-92.9
2120.000000	-48.39	-13.00	35.39	100.0	V	334.0	-88.1
2778.000000	-48.35	-13.00	35.35	100.0	V	293.0	-87.3

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1432.000000	-55.66	---	-13.00	42.66	100.0	H	6.0	-93.5
2146.500000	-51.20	---	-13.00	38.20	100.0	H	148.0	-88.6

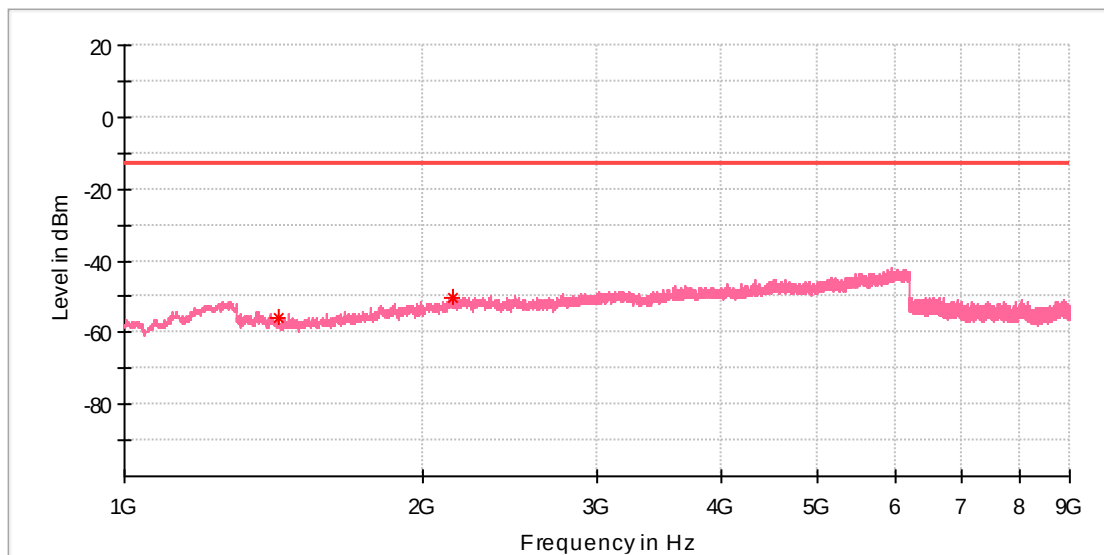
Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1432.500000	-55.97	---	-13.00	42.97	100.0	V	144.0	-93.6
2145.500000	-50.46	---	-13.00	37.46	100.0	V	172.0	-88.0

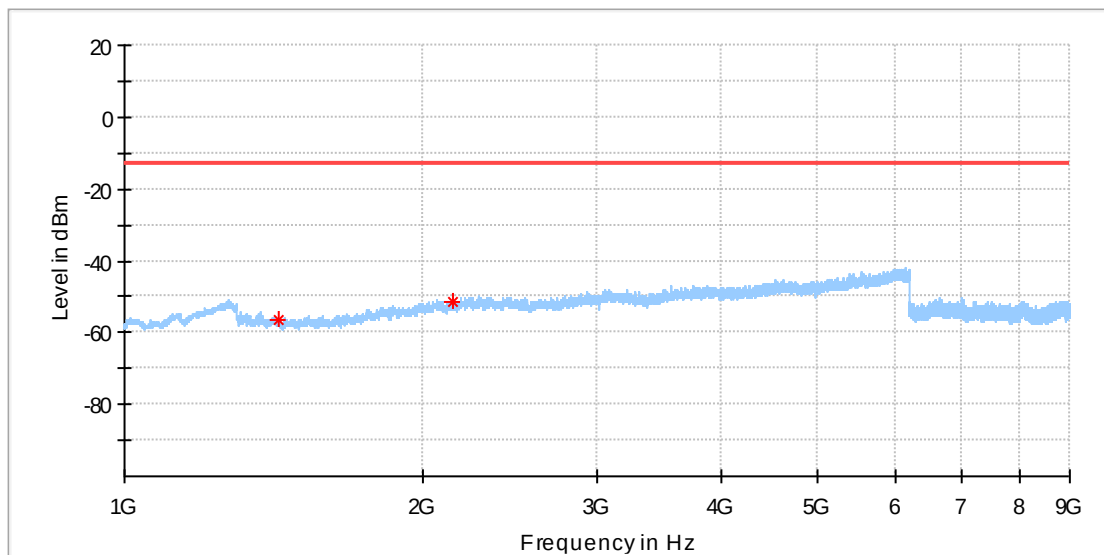
Final_Result

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 High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1429.500000	-56.43	---	-13.00	43.43	100.0	H	164.0	-93.4
2145.000000	-51.39	---	-13.00	38.39	100.0	H	192.0	-88.5

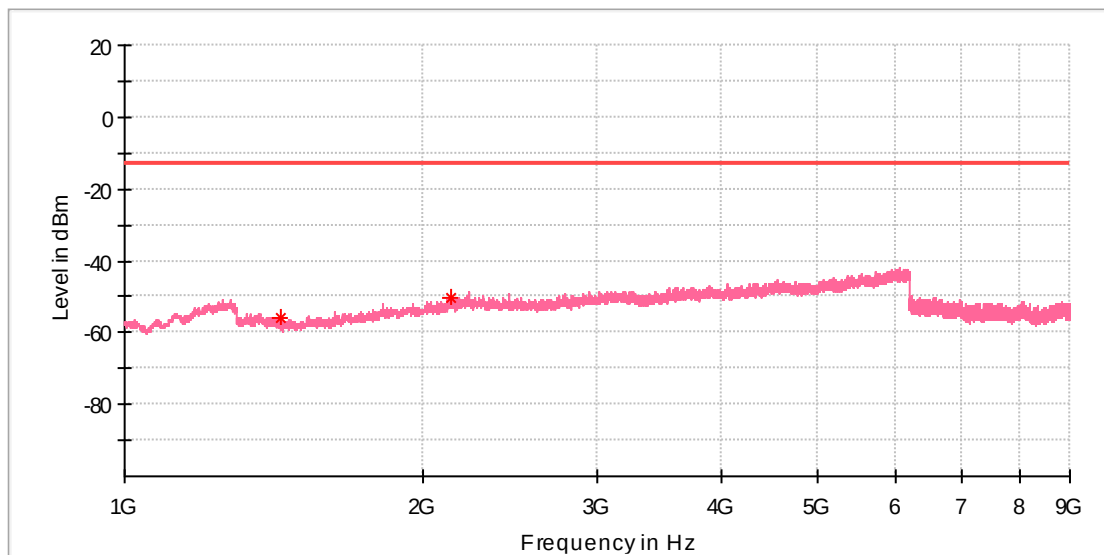
Final Result

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 High 3.75kHz QPSK 1@47
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
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)
1436.500000	-55.92	---	-13.00	42.92	100.0	V	80.0	-93.7
2137.000000	-50.15	---	-13.00	37.15	100.0	V	109.0	-87.8

Final Result

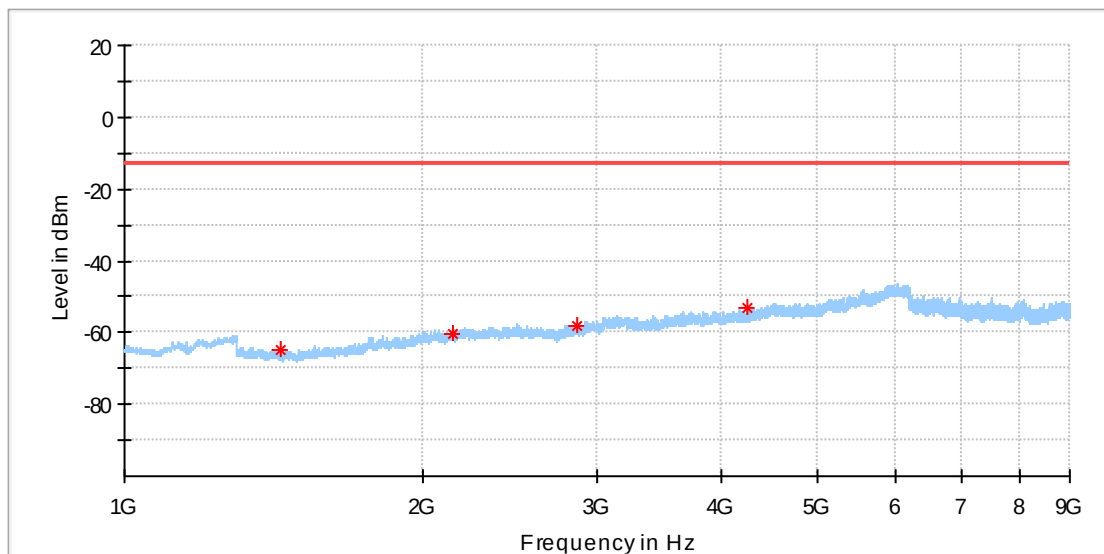
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



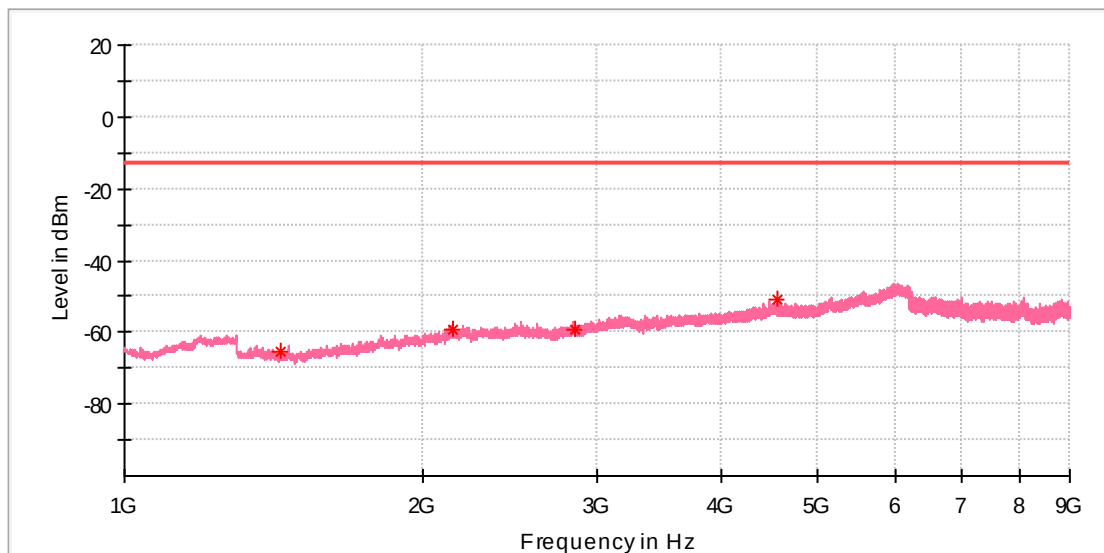
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1435.500000	-64.94	-13.00	51.94	100.0	H	67.0	-93.6
2145.000000	-60.26	-13.00	47.26	100.0	H	1.0	-88.5
2861.000000	-58.27	-13.00	45.27	100.0	H	282.0	-87.1
4263.000000	-53.08	-13.00	40.08	100.0	H	53.0	-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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



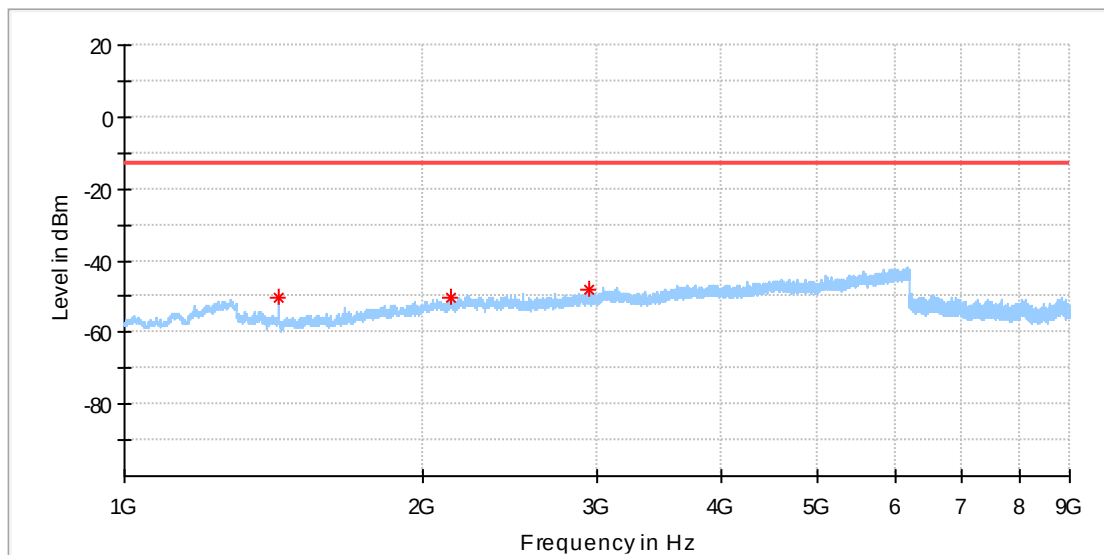
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1439.000000	-65.28	-13.00	52.28	100.0	V	347.0	-93.7
2141.000000	-59.47	-13.00	46.47	100.0	V	131.0	-87.9
2856.500000	-59.28	-13.00	46.28	100.0	V	208.0	-87.0
4567.000000	-51.10	-13.00	38.10	100.0	V	257.0	-83.6

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



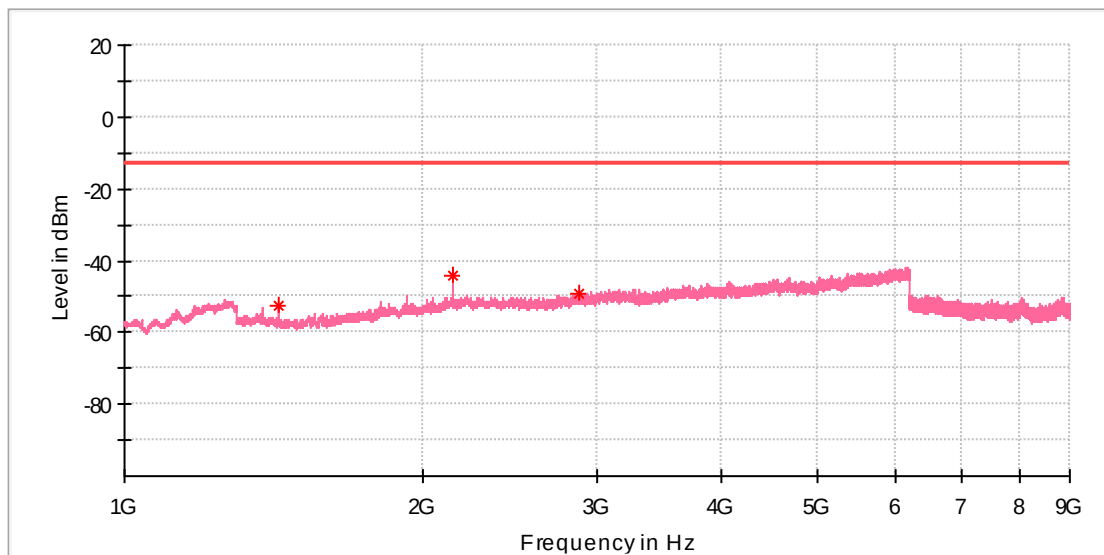
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1432.000000	-50.50	-13.00	37.50	100.0	H	43.0	-93.5
2133.000000	-50.44	-13.00	37.44	100.0	H	43.0	-88.2
2939.000000	-48.09	-13.00	35.09	100.0	H	154.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



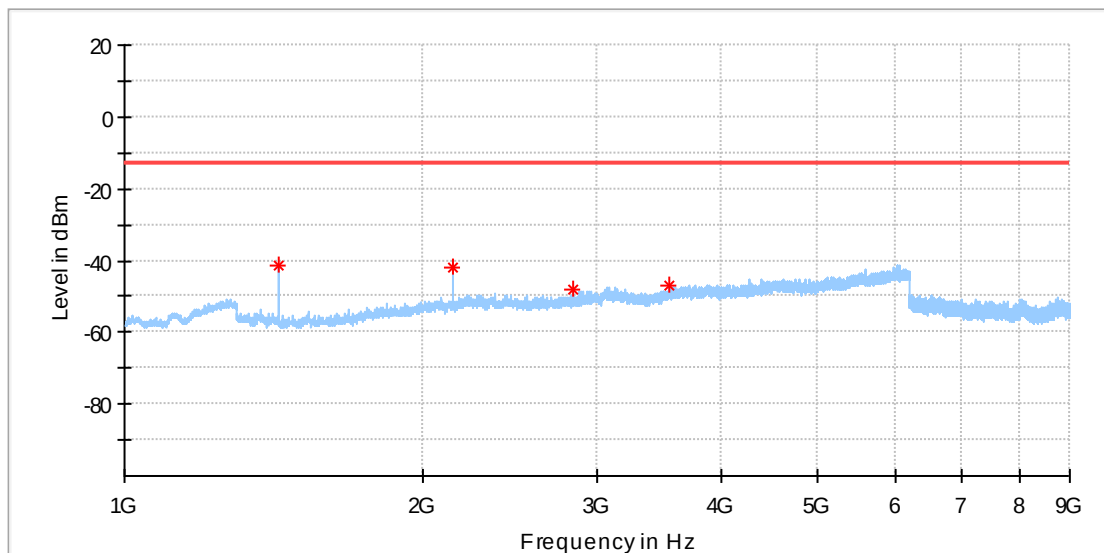
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1432.000000	-52.48	-13.00	39.48	100.0	V	79.0	-93.6
2147.500000	-44.23	-13.00	31.23	100.0	V	51.0	-88.0
2881.000000	-49.09	-13.00	36.09	100.0	V	295.0	-86.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



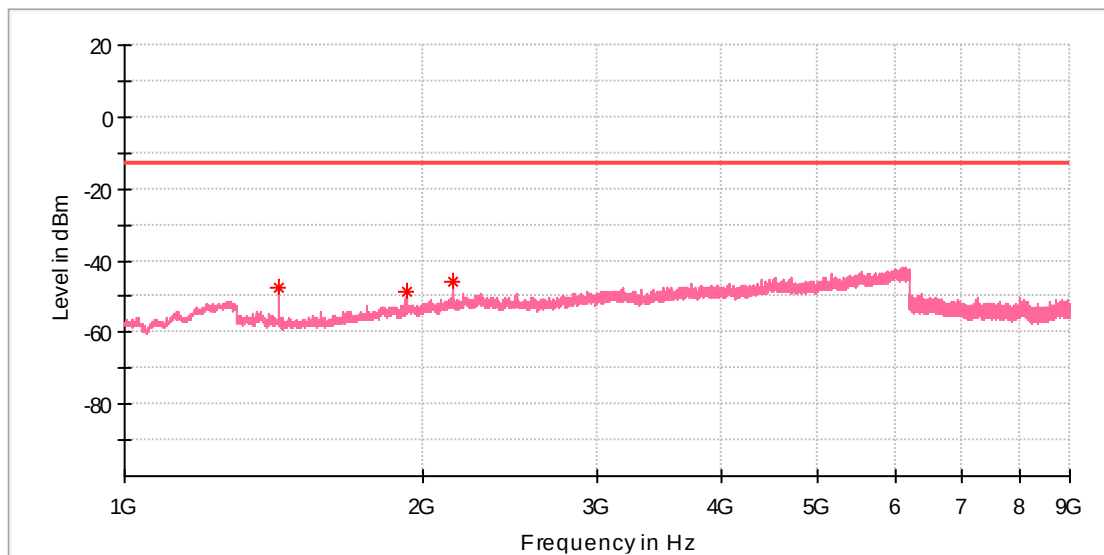
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-41.23	-13.00	28.23	100.0	H	43.0	-93.5
2148.000000	-42.04	-13.00	29.04	100.0	H	57.0	-88.6
2836.500000	-48.03	-13.00	35.03	100.0	H	0.0	-87.6
3554.500000	-46.81	-13.00	33.81	100.0	H	279.0	-85.9

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested 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	-47.49	-13.00	34.49	100.0	V	93.0	-93.6
1924.000000	-48.55	-13.00	35.55	100.0	V	274.0	-89.5
2148.000000	-45.98	-13.00	32.98	100.0	V	316.0	-88.0