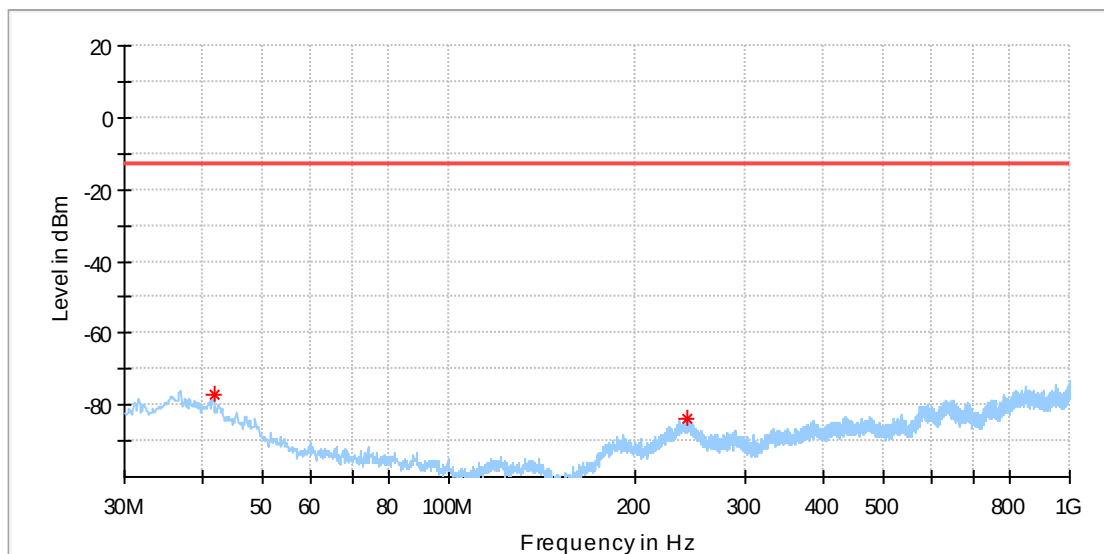


QPSK

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



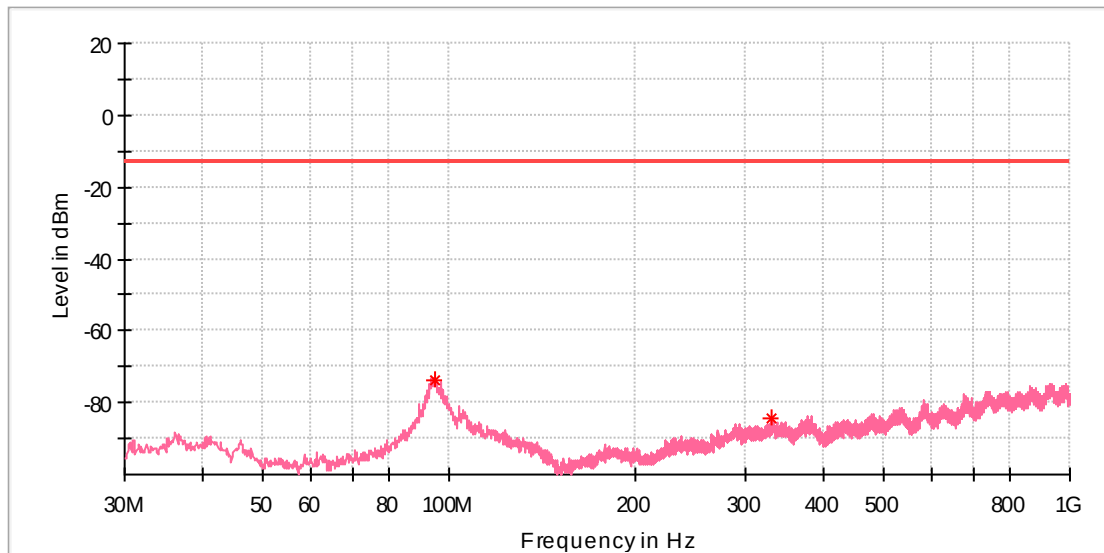
Critical Freqs

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

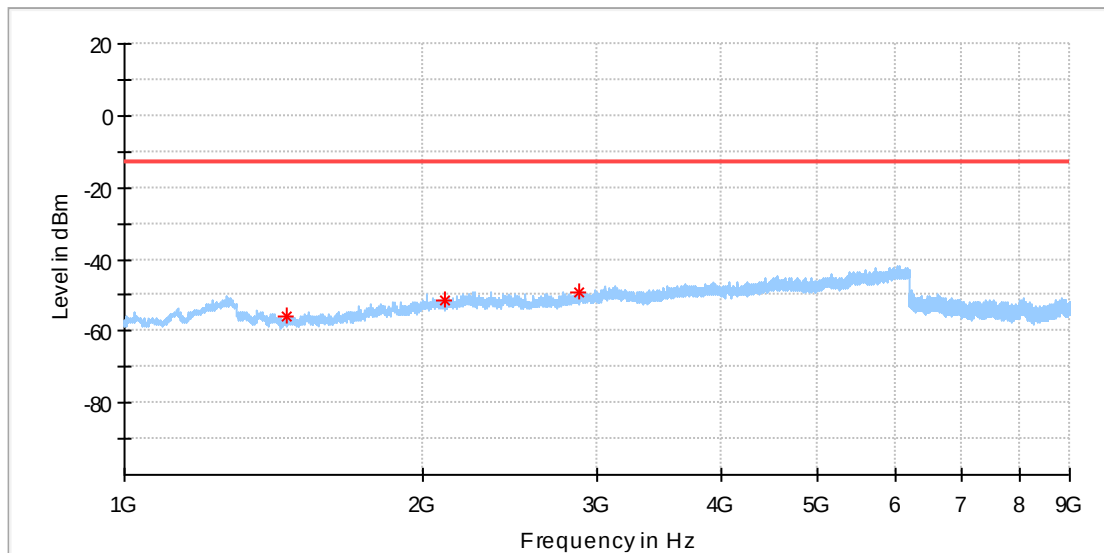
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.232500	-73.53	-13.00	60.53	100.0	V	312.0	-99.8
331.670000	-84.24	-13.00	71.24	100.0	V	359.0	-112.0

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



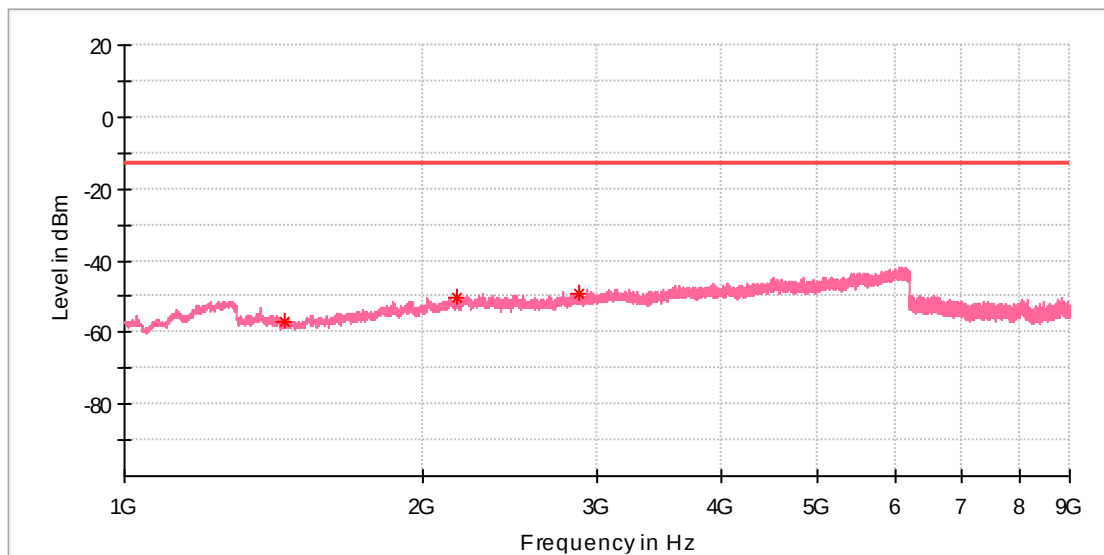
Critical_Freqs

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



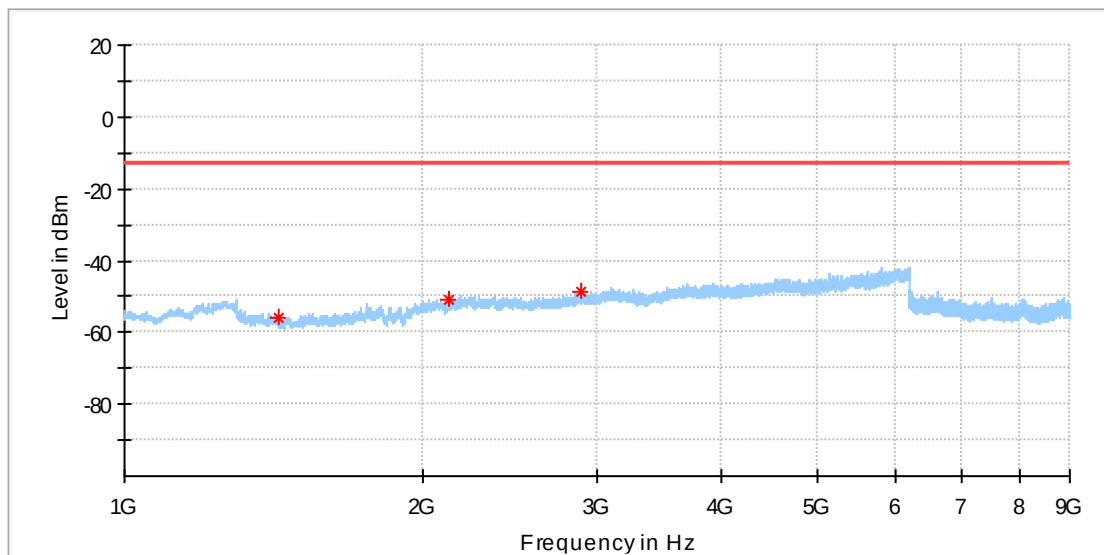
Critical Freqs

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



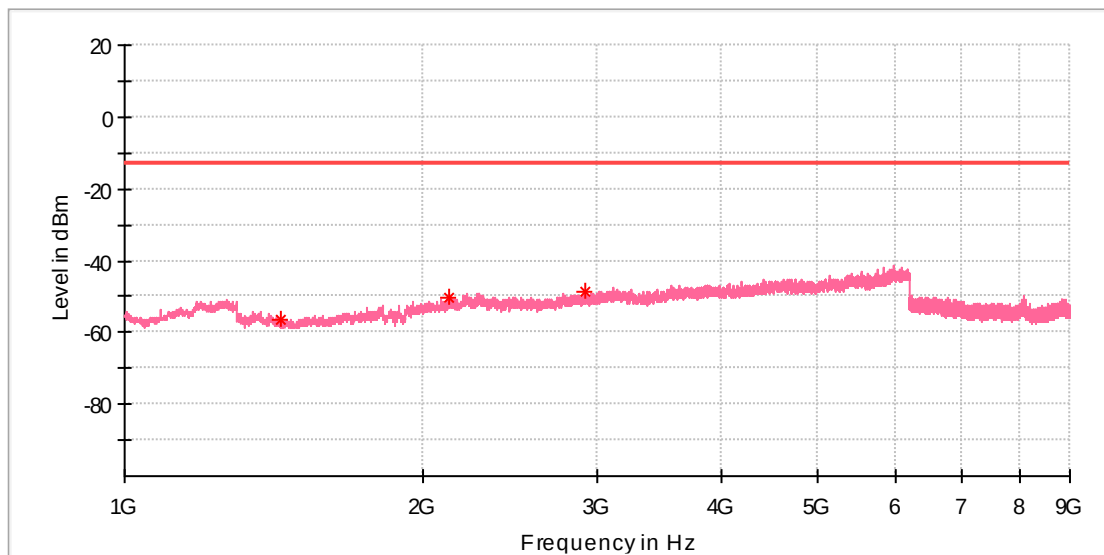
Critical Freqs

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

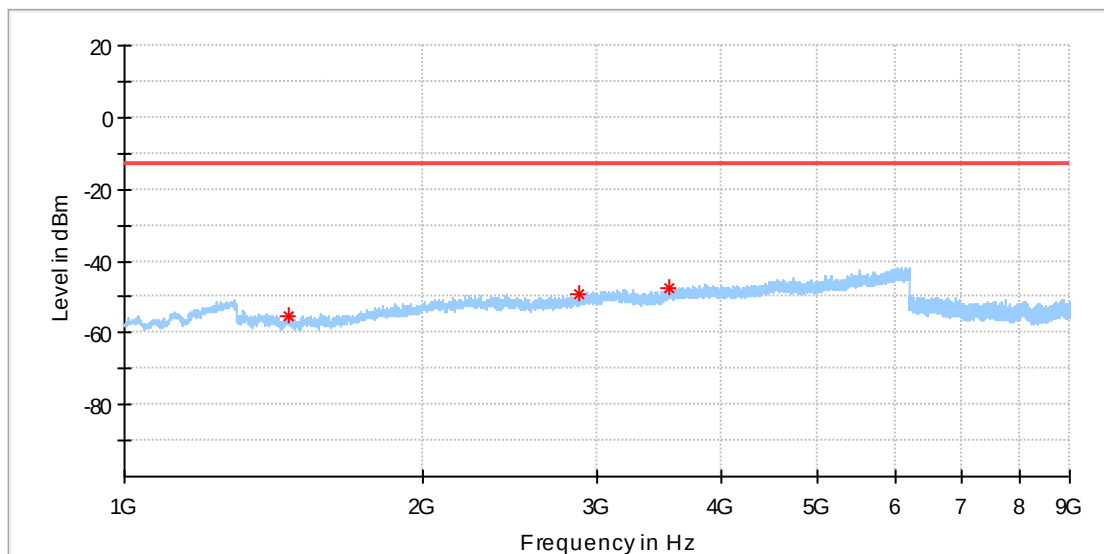
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1440.000000	-56.54	-13.00	43.54	100.0	V	0.0	-93.7
2129.000000	-50.17	-13.00	37.17	100.0	V	356.0	-87.7
2922.000000	-48.72	-13.00	35.72	100.0	V	302.0	-87.0

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



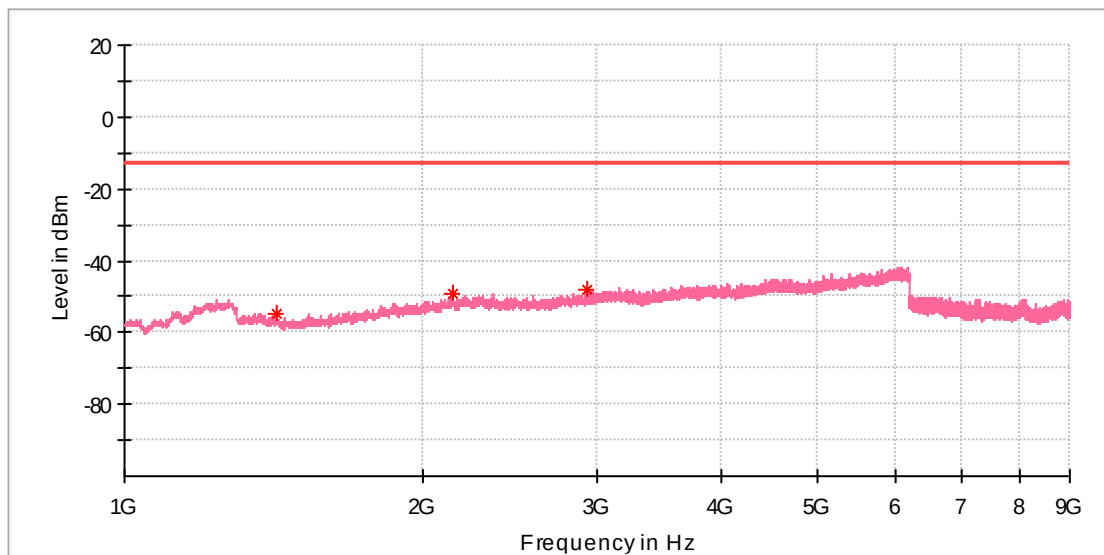
Critical Freqs

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



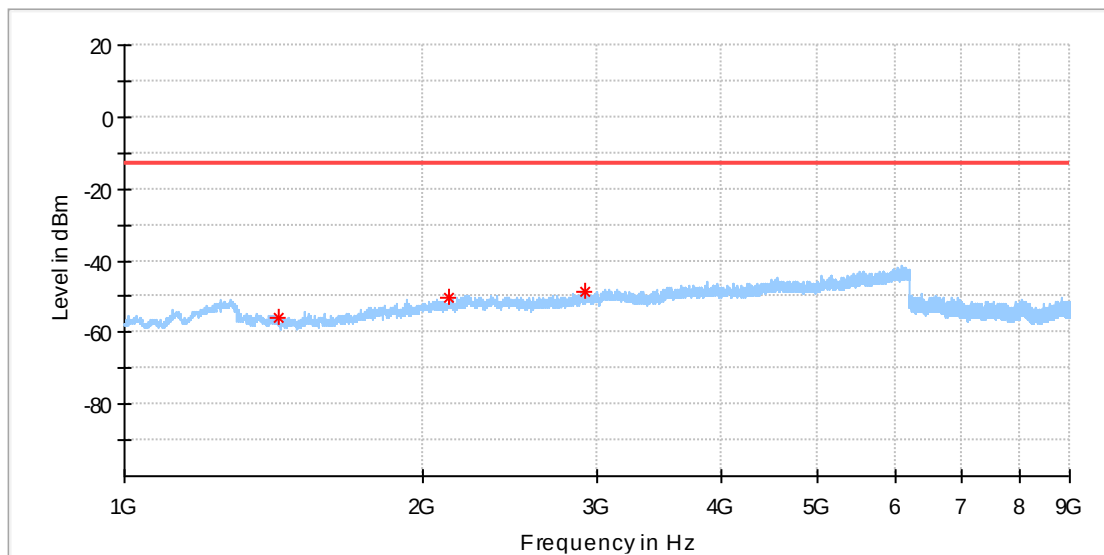
Critical_Freqs

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



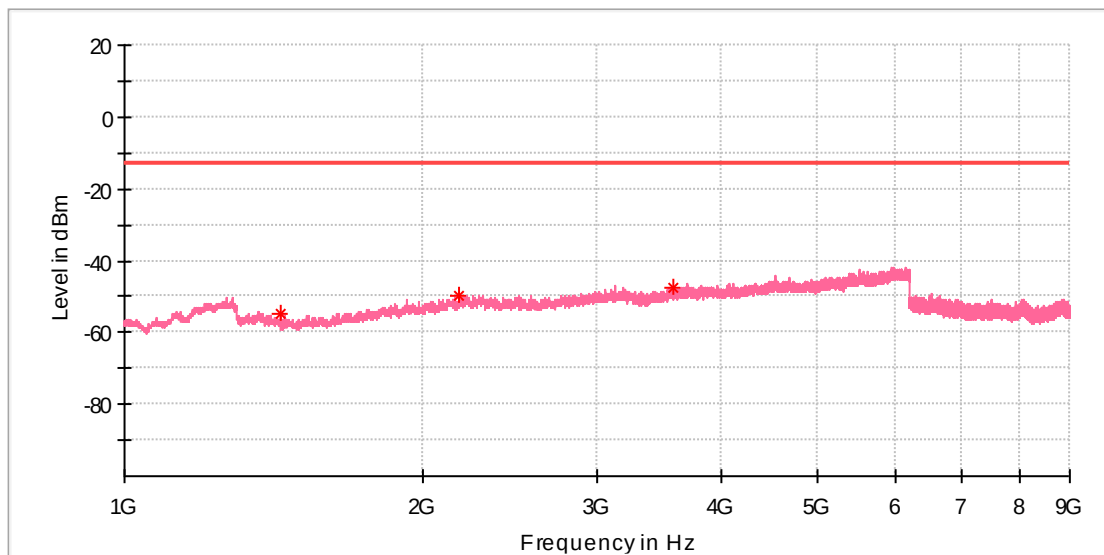
Critical_Freqs

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



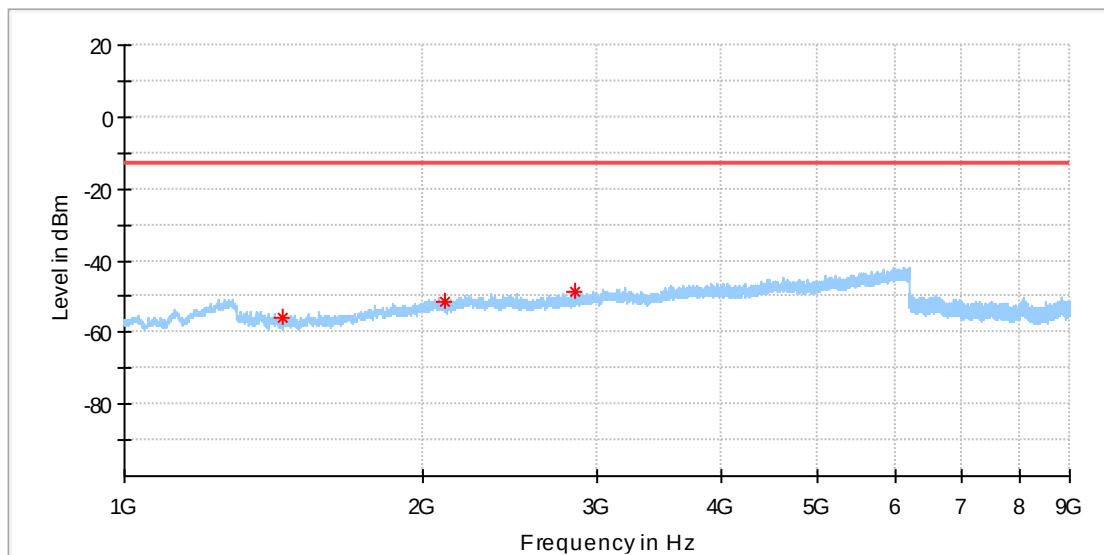
Critical_Freqs

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



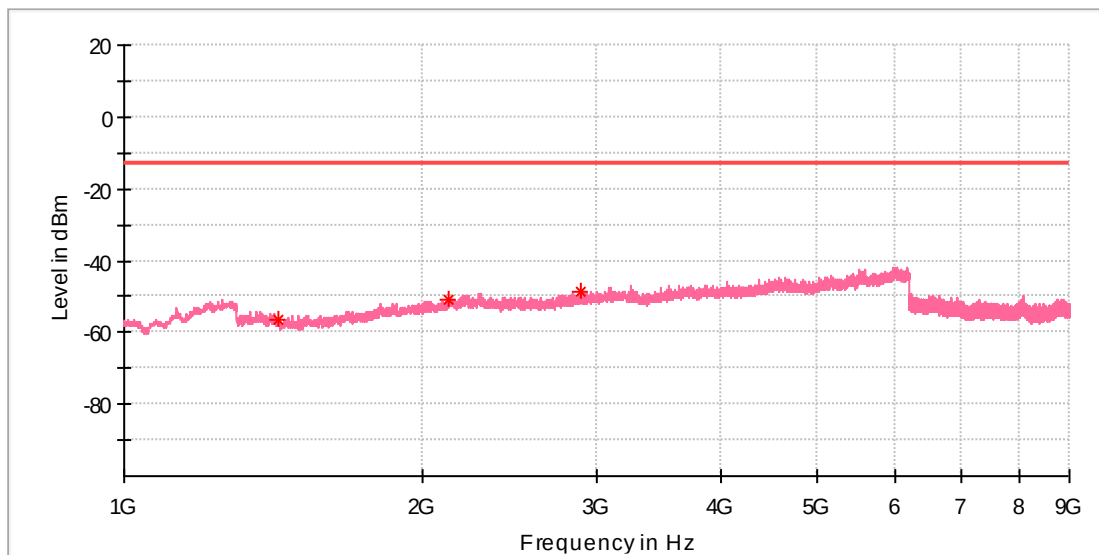
Critical Freqs

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

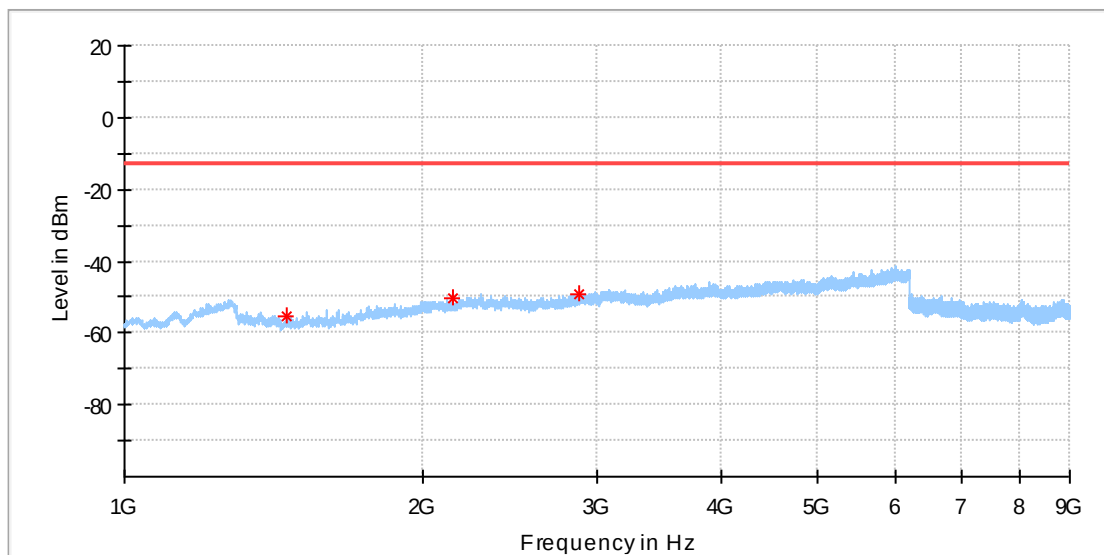
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1429.000000	-56.41	-13.00	43.41	100.0	V	4.0	-93.5
2125.500000	-50.65	-13.00	37.65	100.0	V	274.0	-87.9
2896.500000	-48.72	-13.00	35.72	100.0	V	329.0	-87.2

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



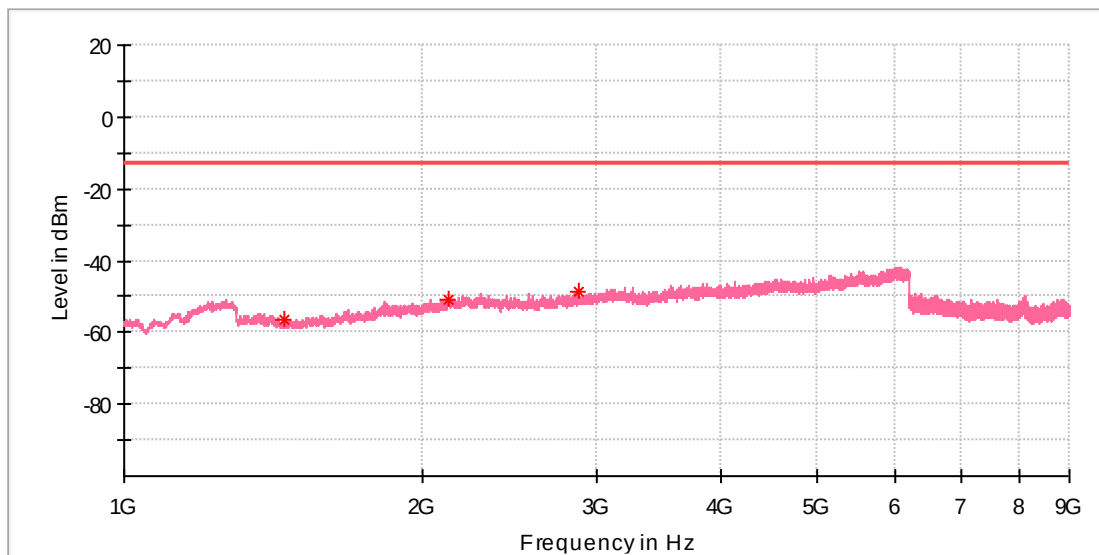
Critical_Freqs

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-VV
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



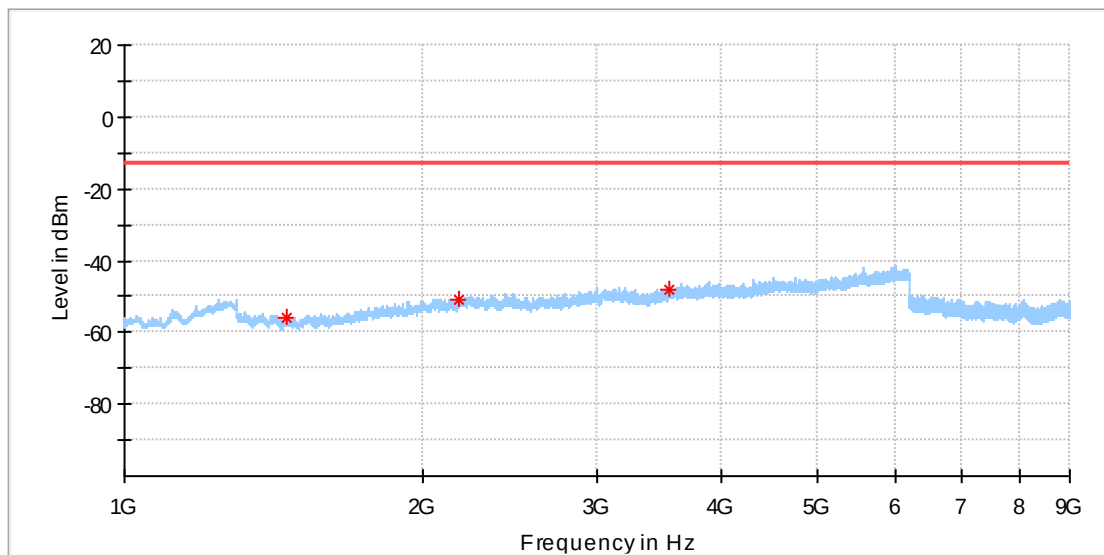
Critical_Freqs

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



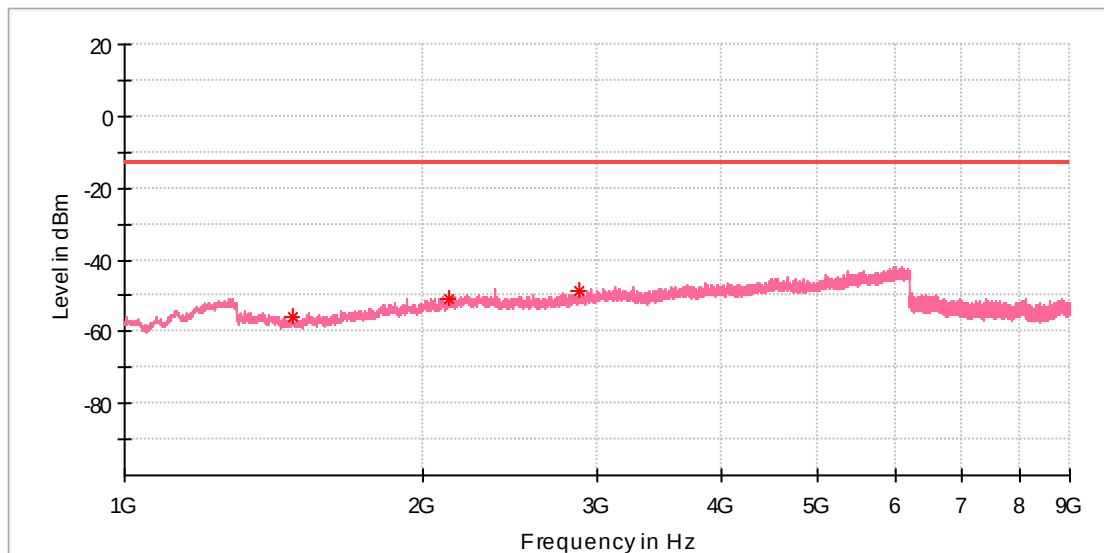
Critical Freqs

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

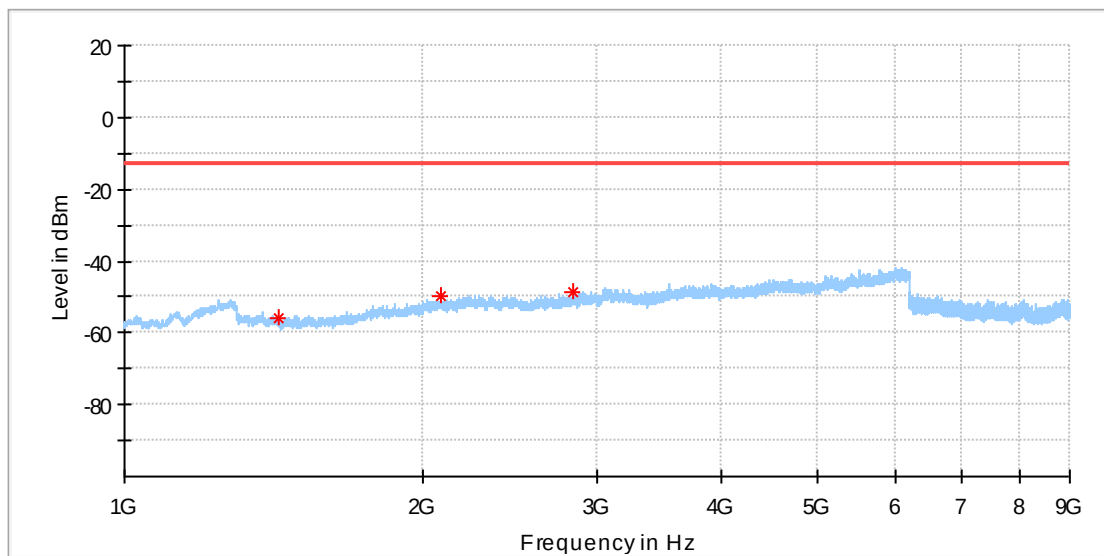
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1476.000000	-55.87	-13.00	42.87	100.0	V	0.0	-93.8
2124.000000	-51.01	-13.00	38.01	100.0	V	128.0	-87.9
2882.500000	-48.92	-13.00	35.92	100.0	V	23.0	-86.9

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



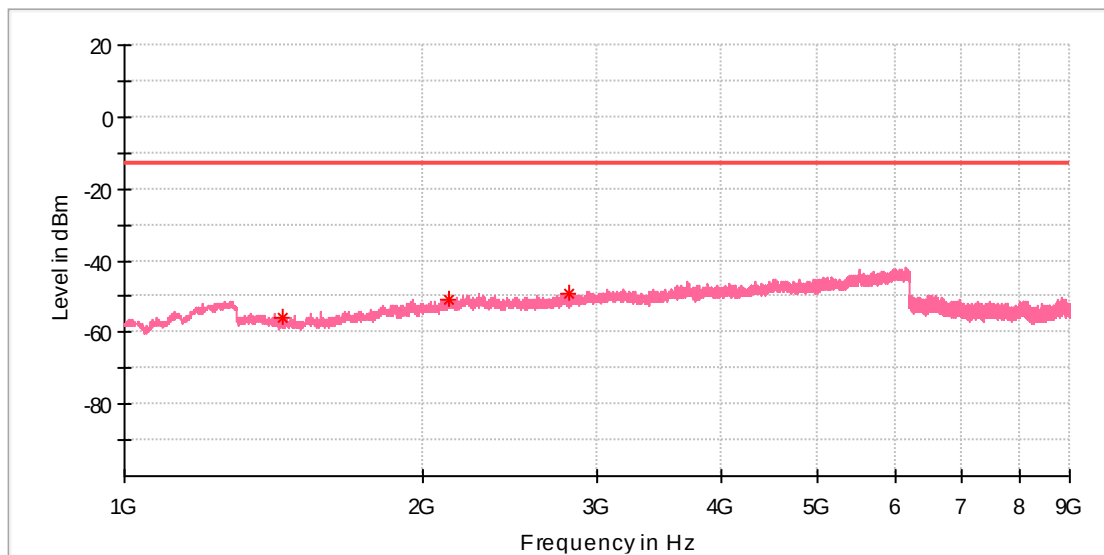
Critical Freqs

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



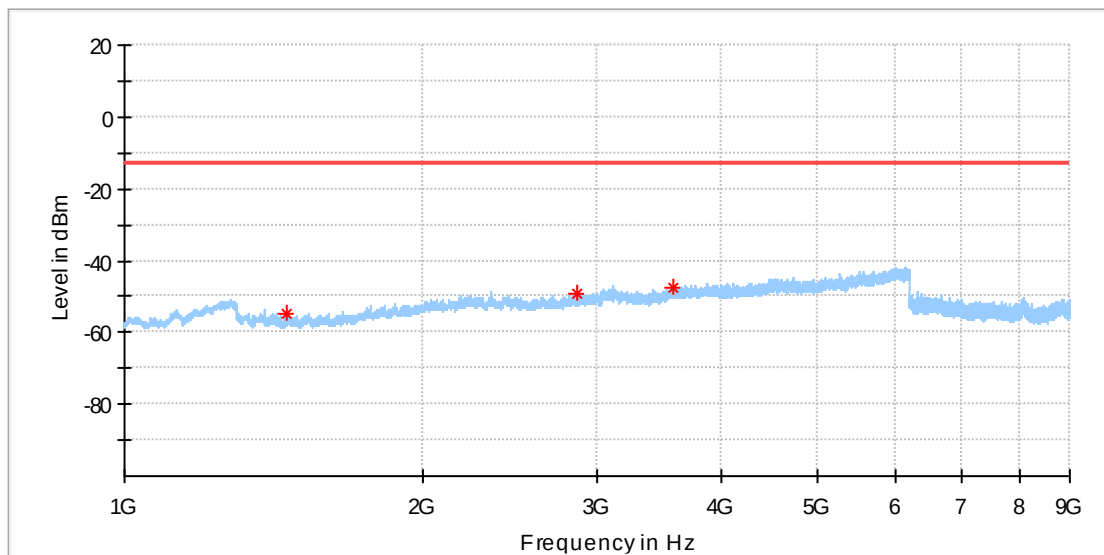
Critical_Freqs

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



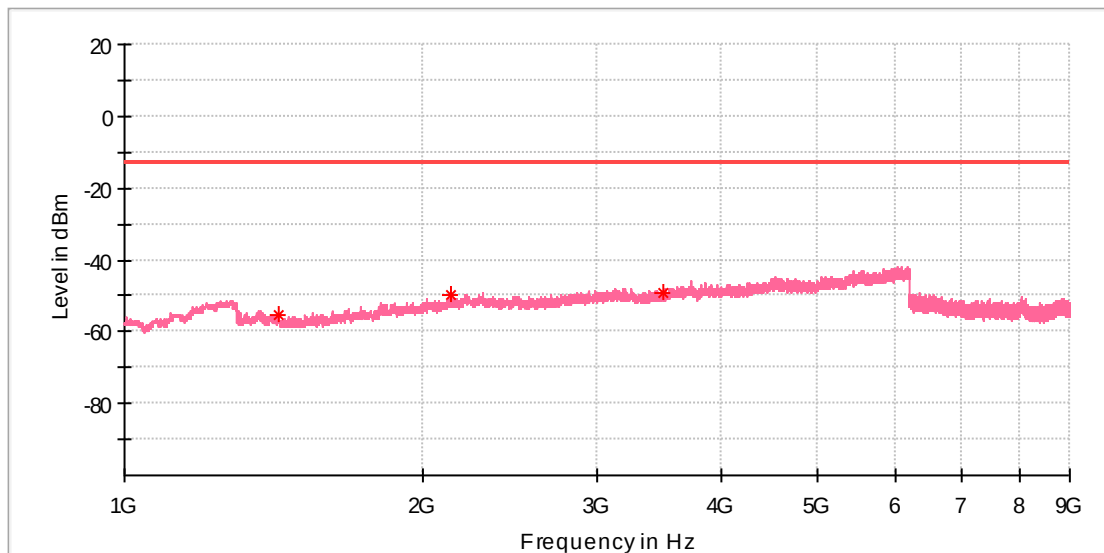
Critical Freqs

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



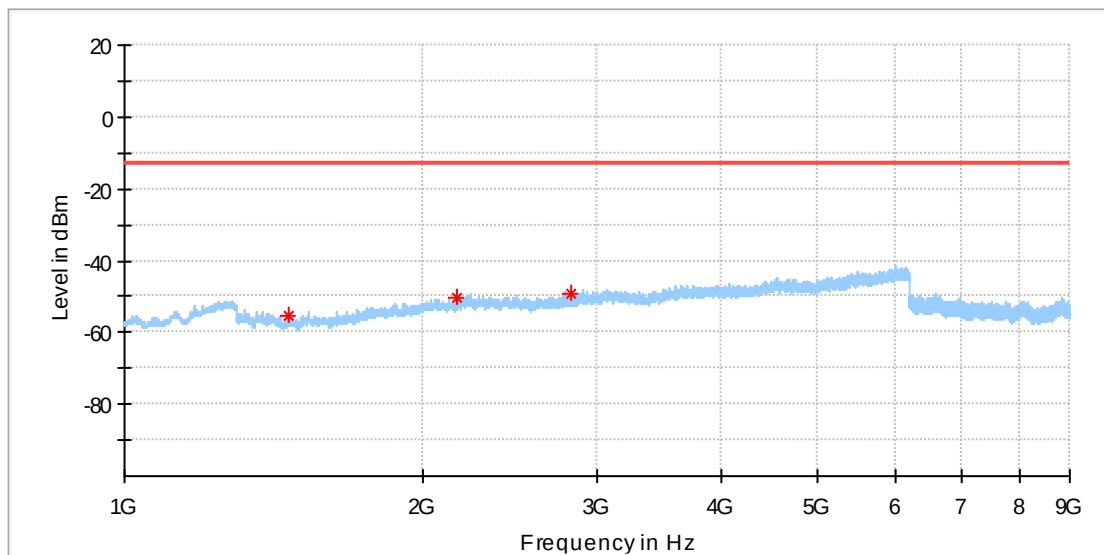
Critical Freqs

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



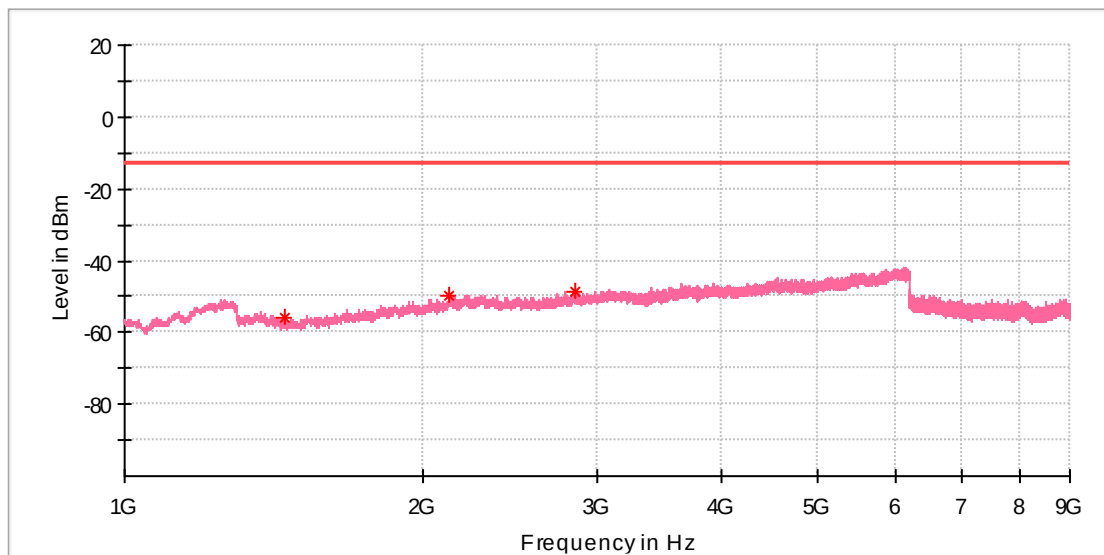
Critical_Freqs

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

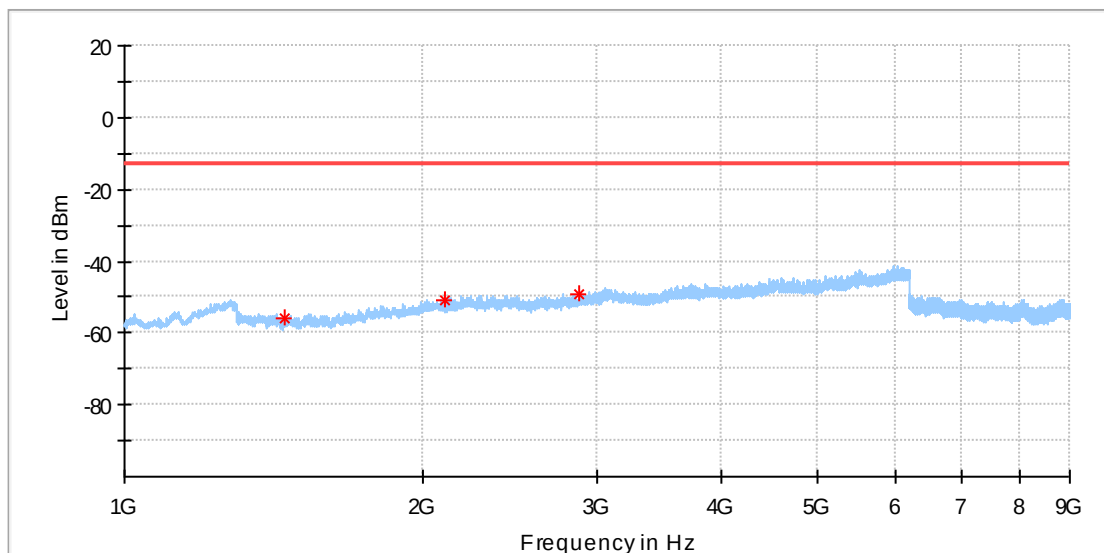
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1450.500000	-56.09	-13.00	43.09	100.0	V	145.0	-93.8
2125.500000	-49.85	-13.00	36.85	100.0	V	243.0	-87.9
2851.500000	-48.73	-13.00	35.73	100.0	V	166.0	-87.2

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



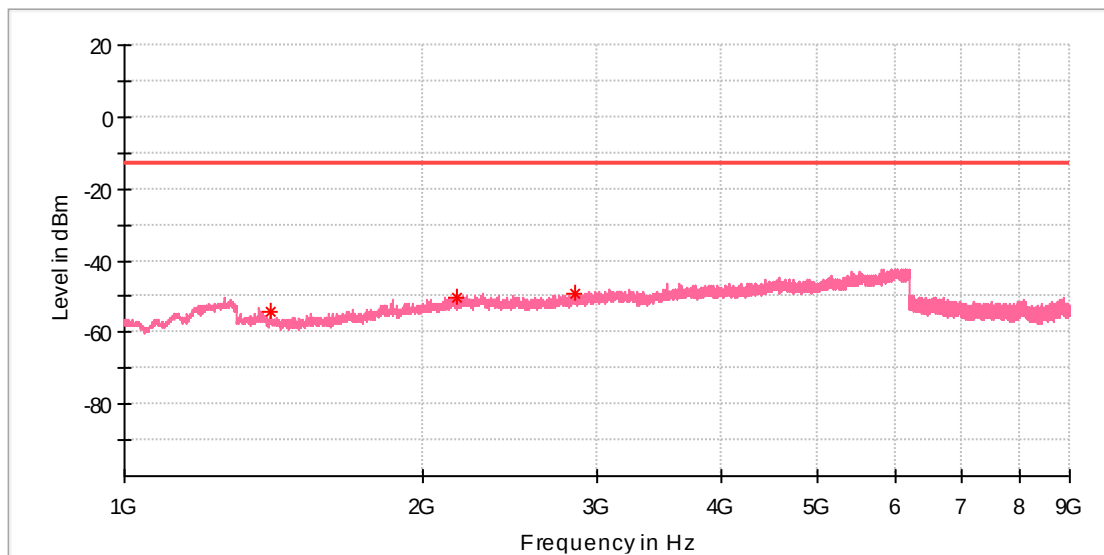
Critical_Freqs

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



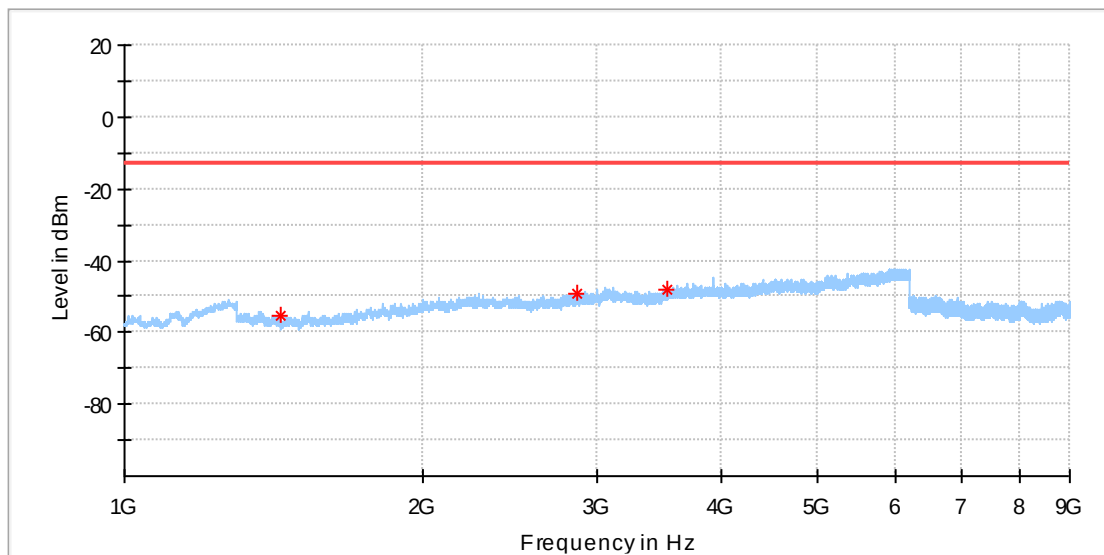
Critical_Freqs

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



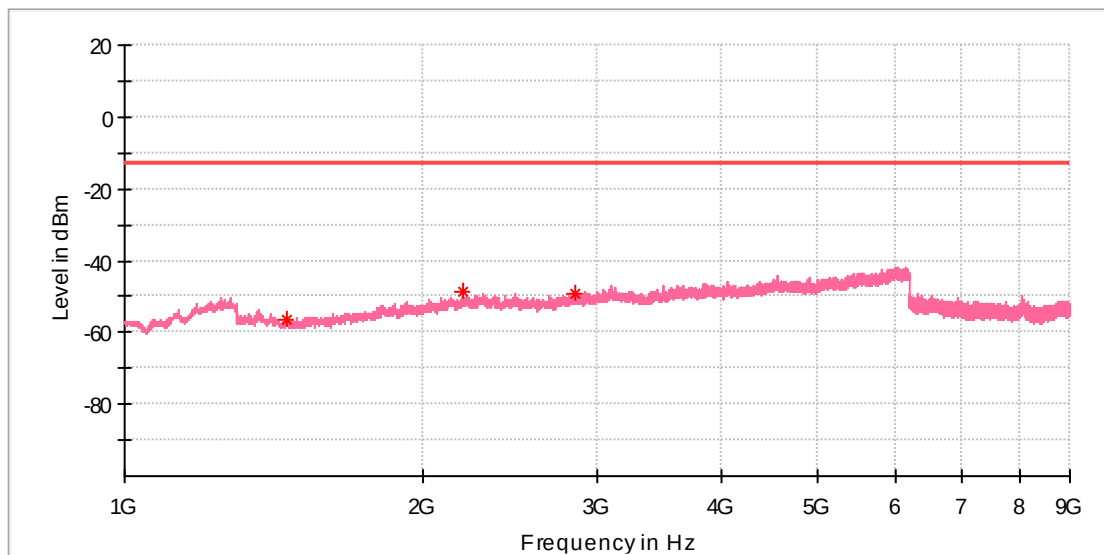
Critical_Freqs

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

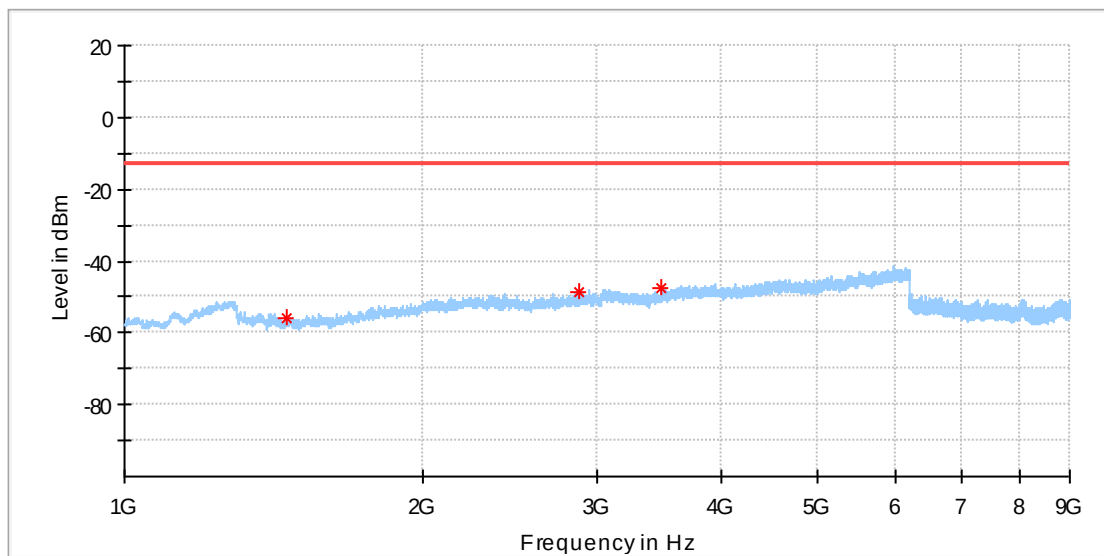
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1461.000000	-56.42	-13.00	43.42	100.0	V	252.0	-93.8
2191.500000	-48.83	-13.00	35.83	100.0	V	335.0	-87.6
2848.500000	-49.35	-13.00	36.35	100.0	V	238.0	-87.2

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



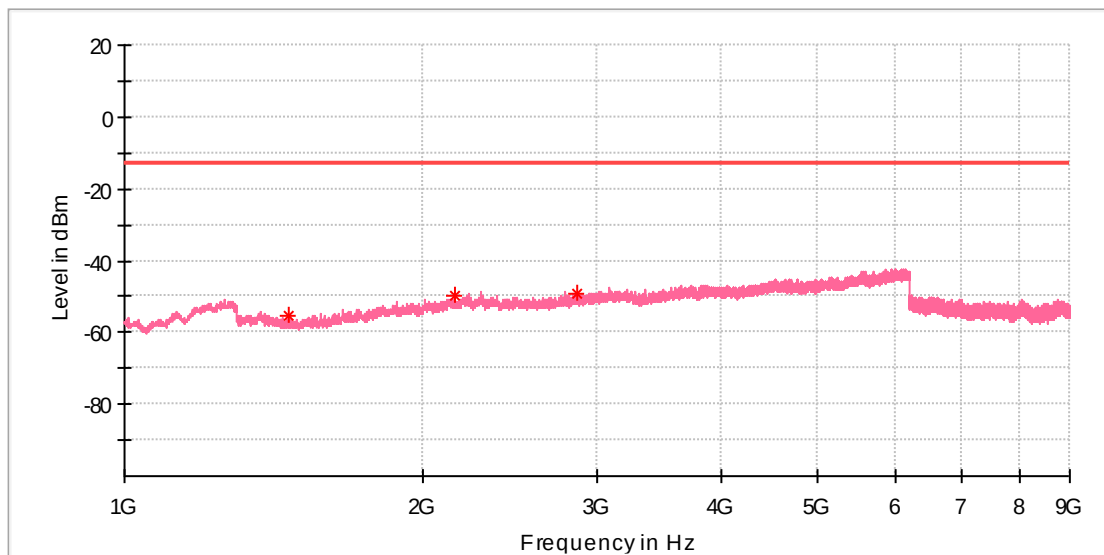
Critical Freqs

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



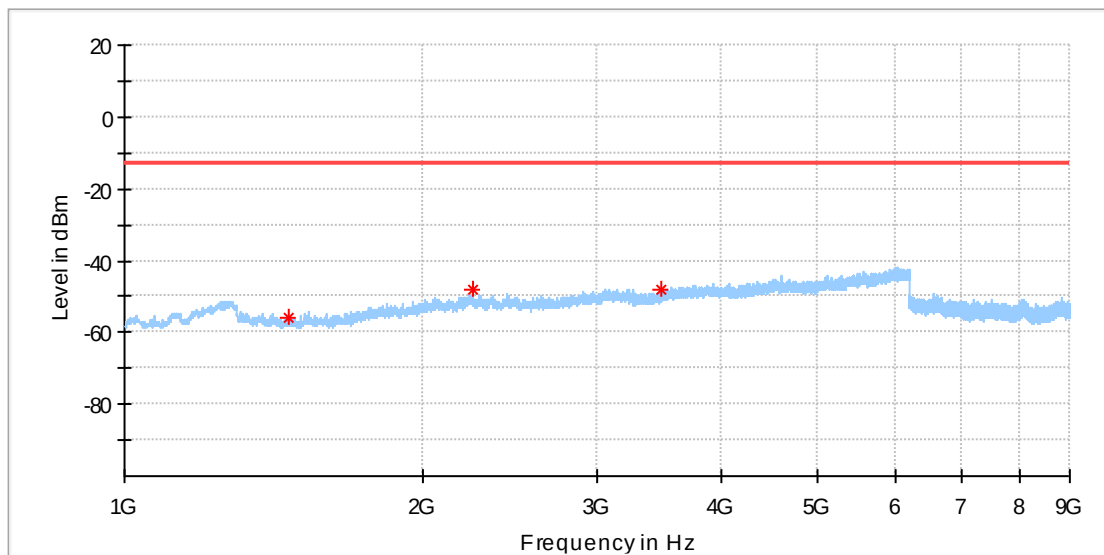
Critical_Freqs

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



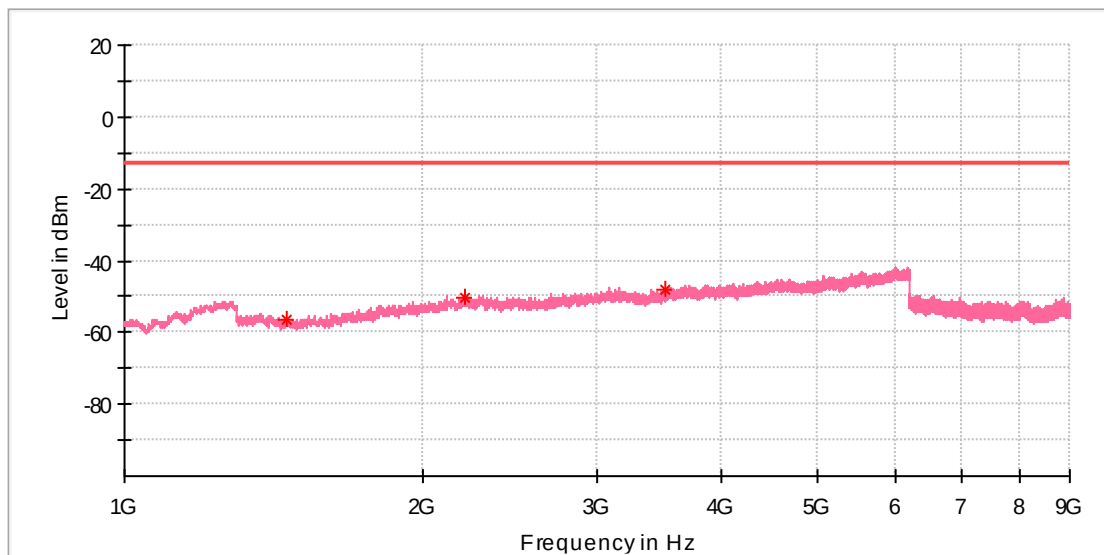
Critical Freqs

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



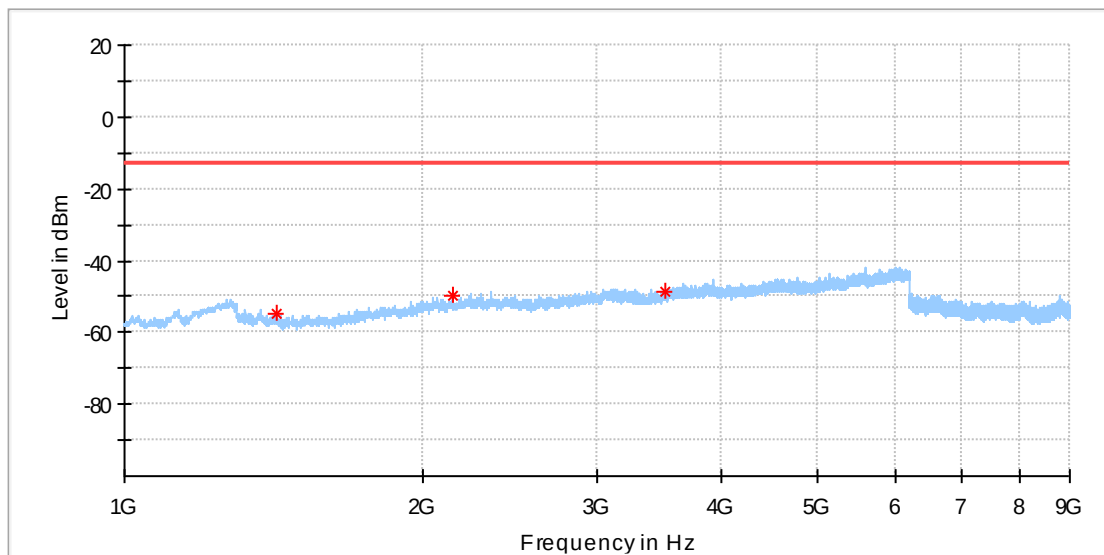
Critical_Freqs

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



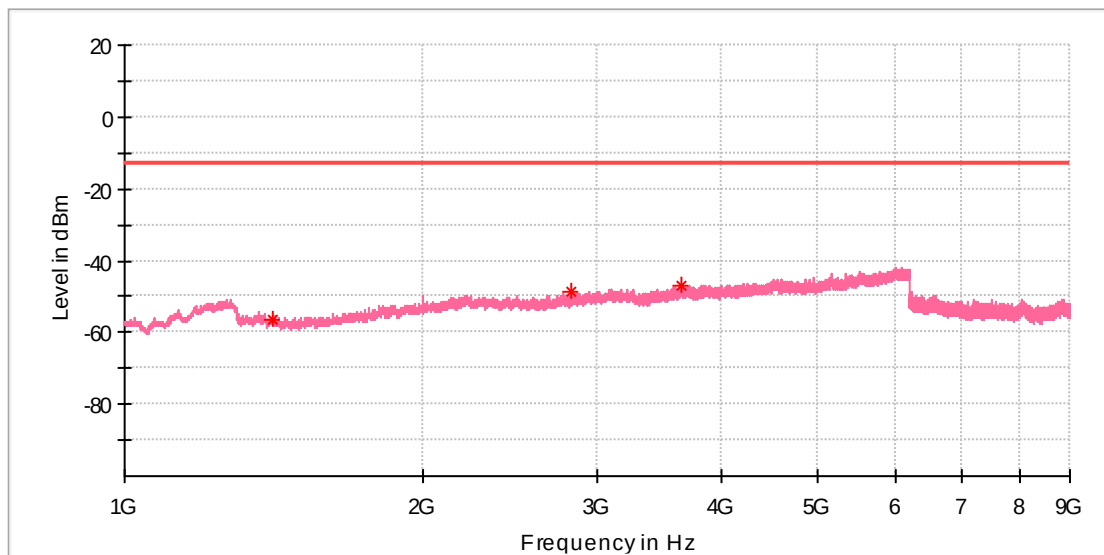
Critical Freqs

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

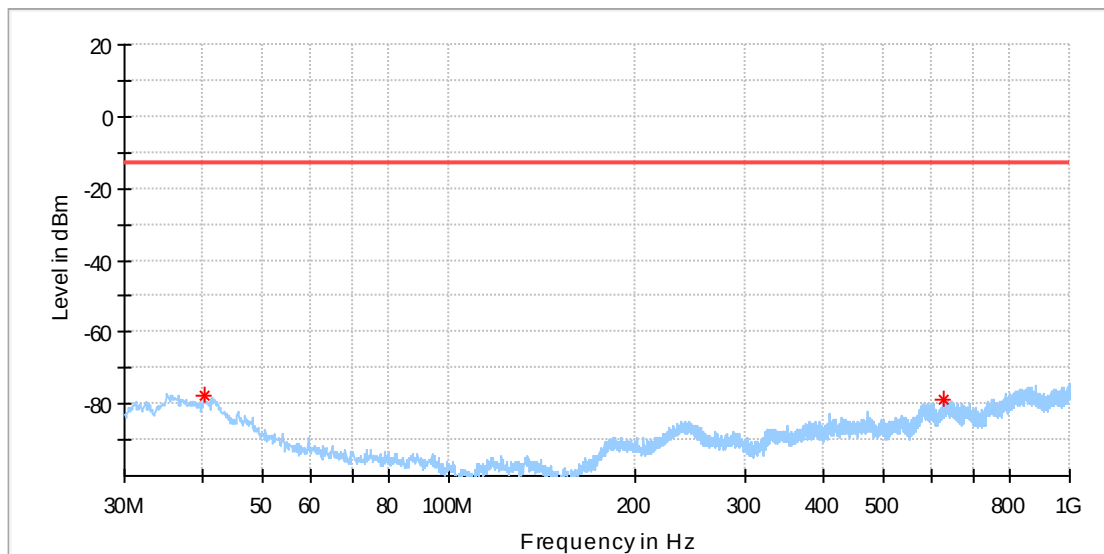
Appendix L.11: Field Strength of Spurious Radiation for Band 85

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



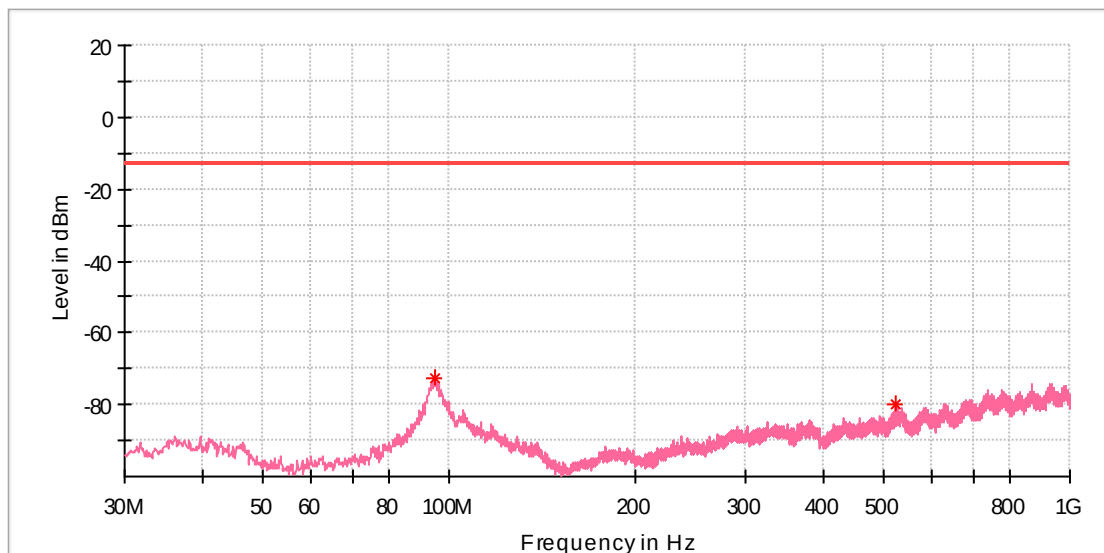
Critical Freqs

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

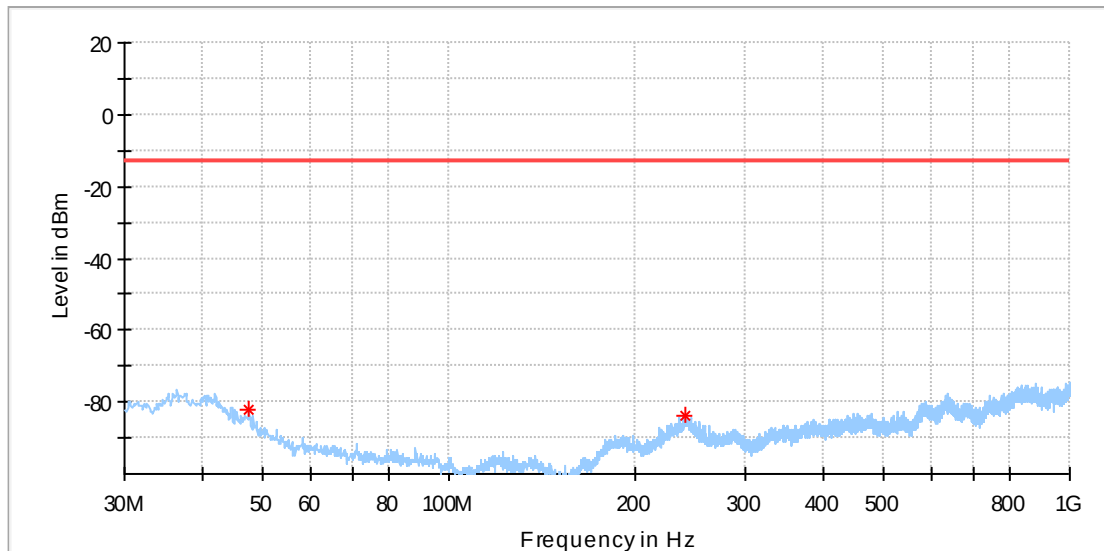
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.111250	-72.66	-13.00	59.66	100.0	V	63.0	-99.6
522.153750	-80.08	-13.00	67.08	100.0	V	189.0	-108.0

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



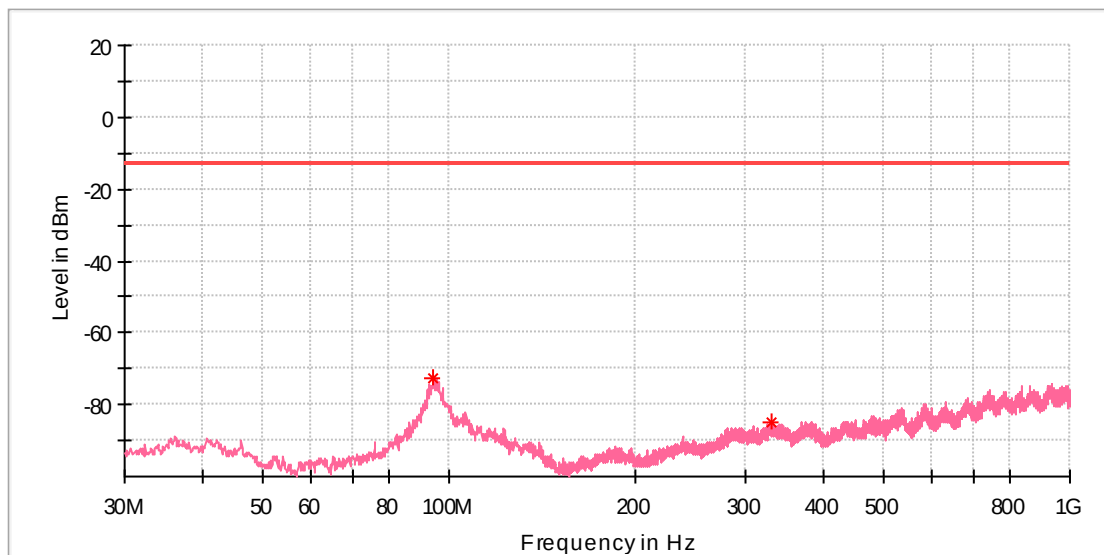
Critical Freqs

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

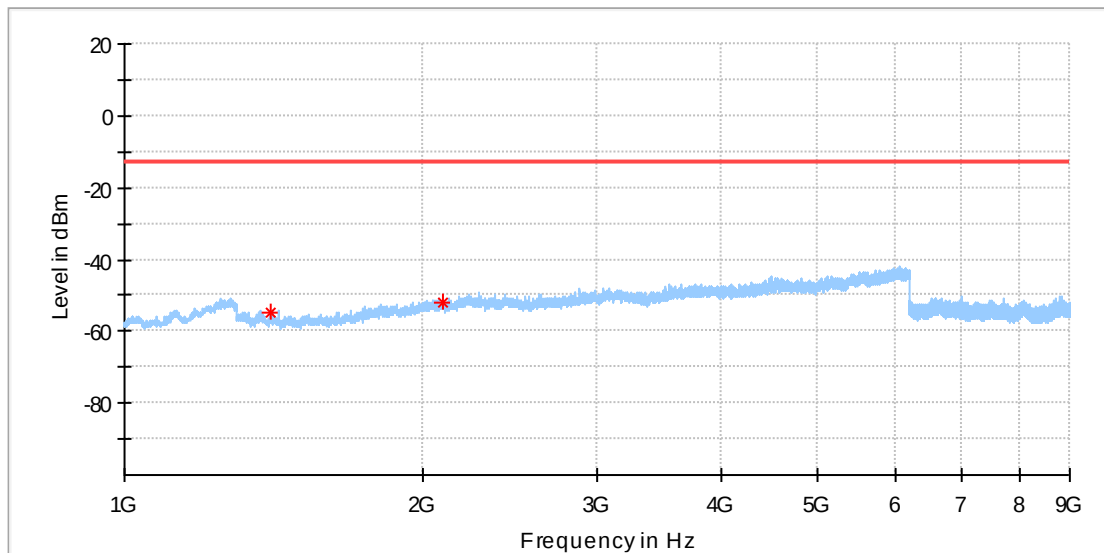
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.75	-13.00	59.75	100.0	V	220.0	-99.6
331.548750	-85.02	-13.00	72.02	100.0	V	353.0	-112.0

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

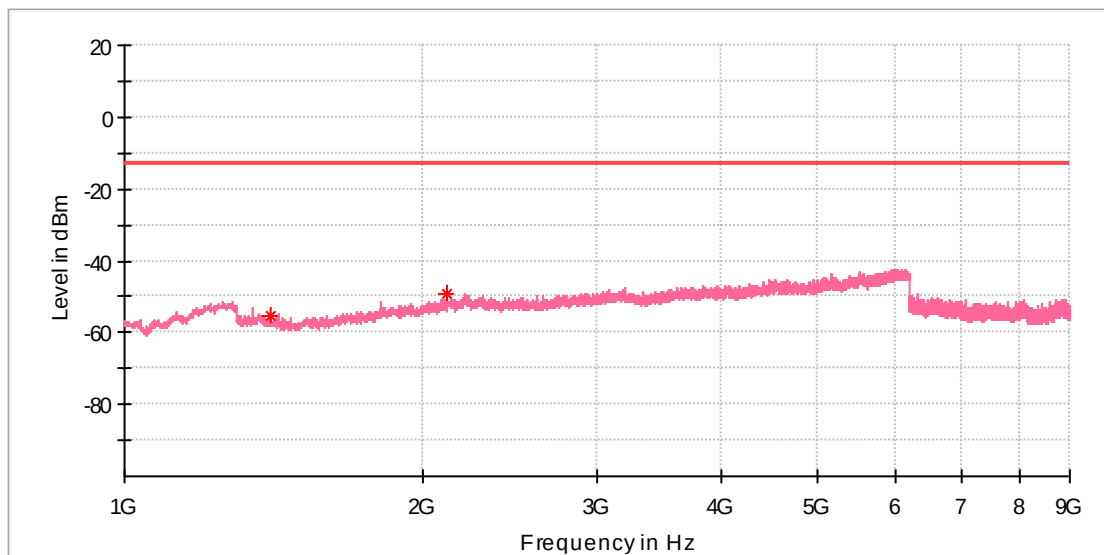
Final Result

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

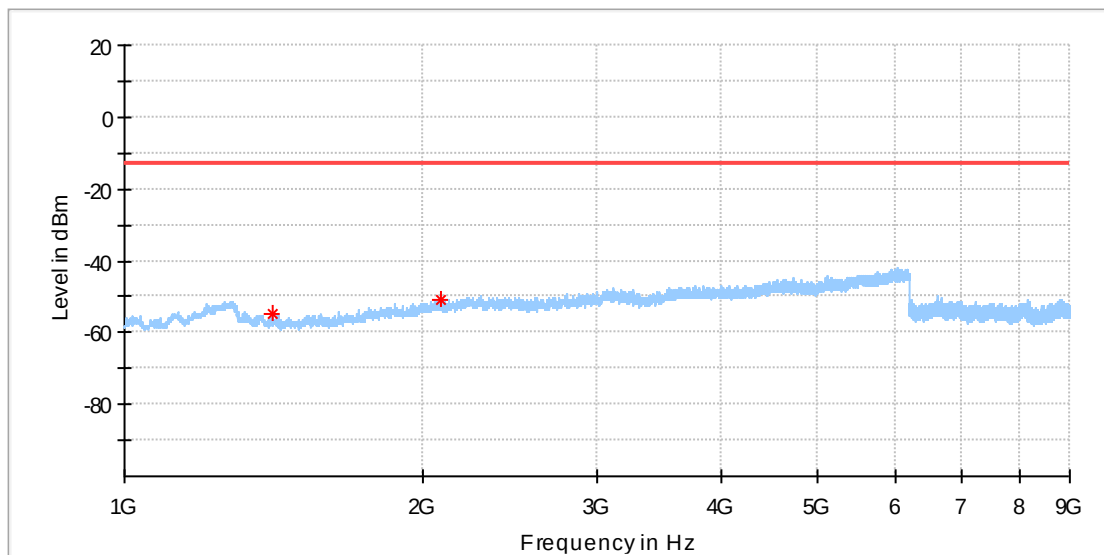
Final_Result

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

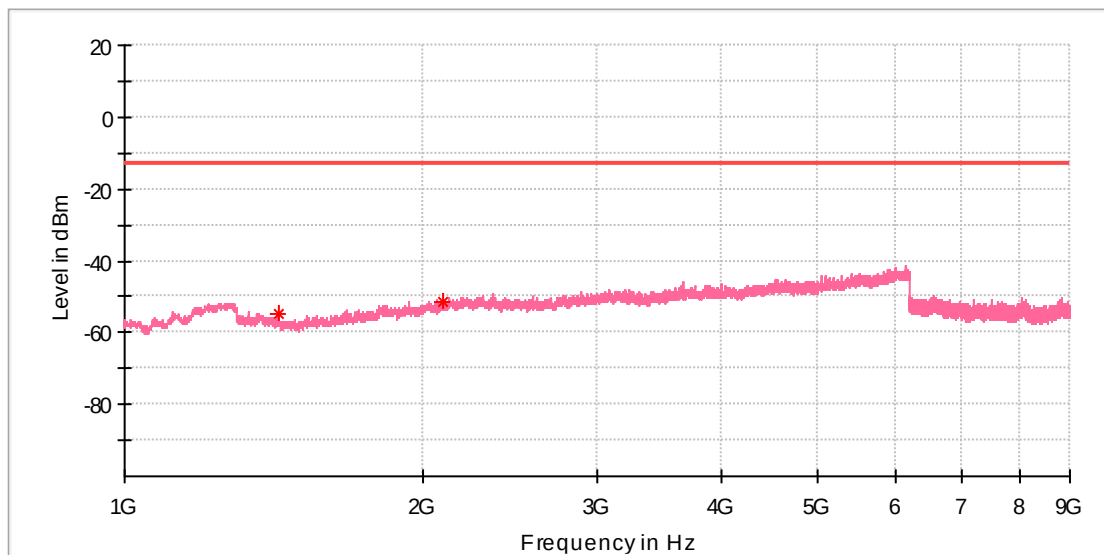
Final Result

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

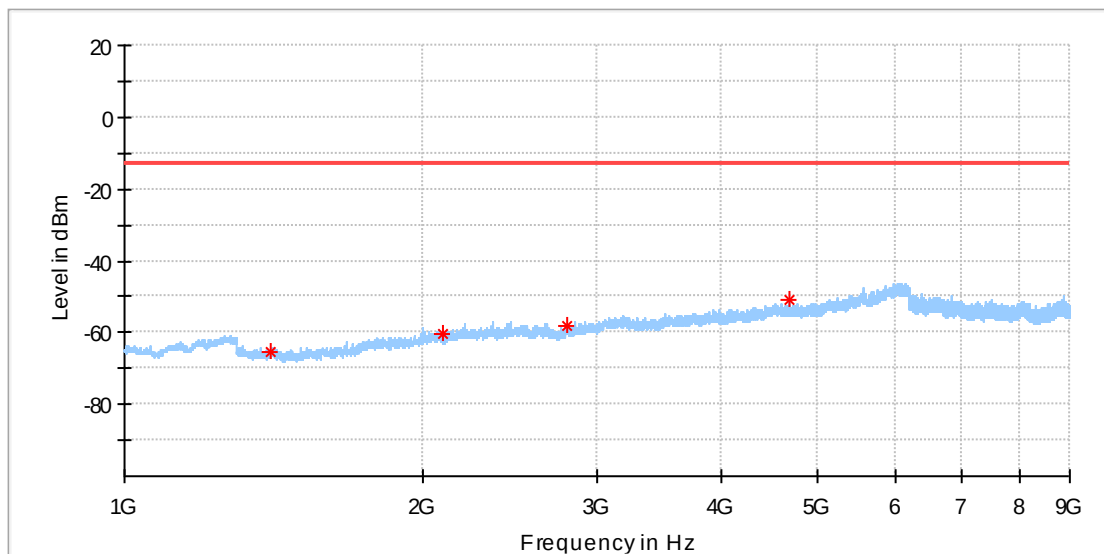
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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



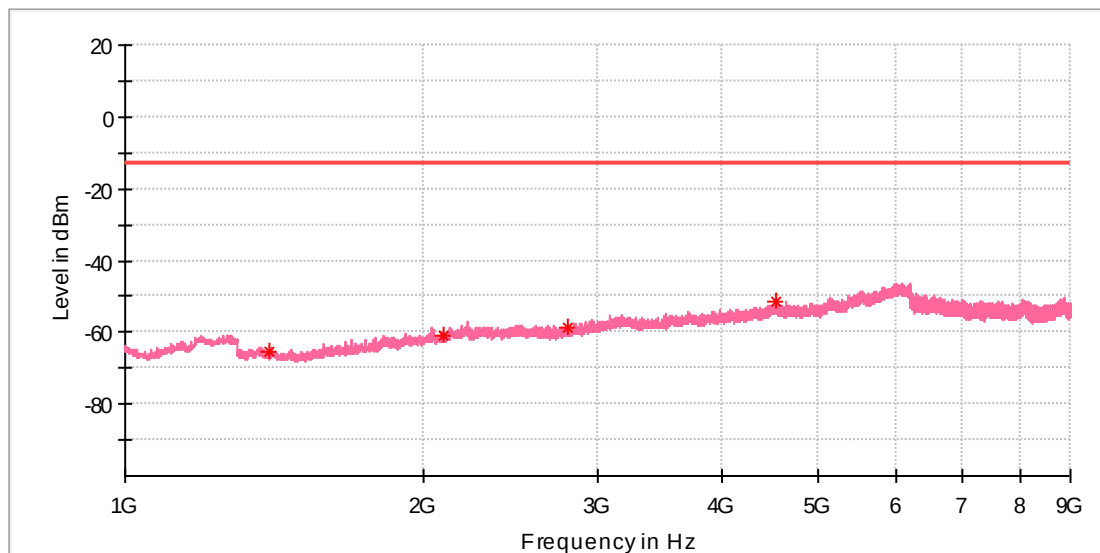
Critical Freqs

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



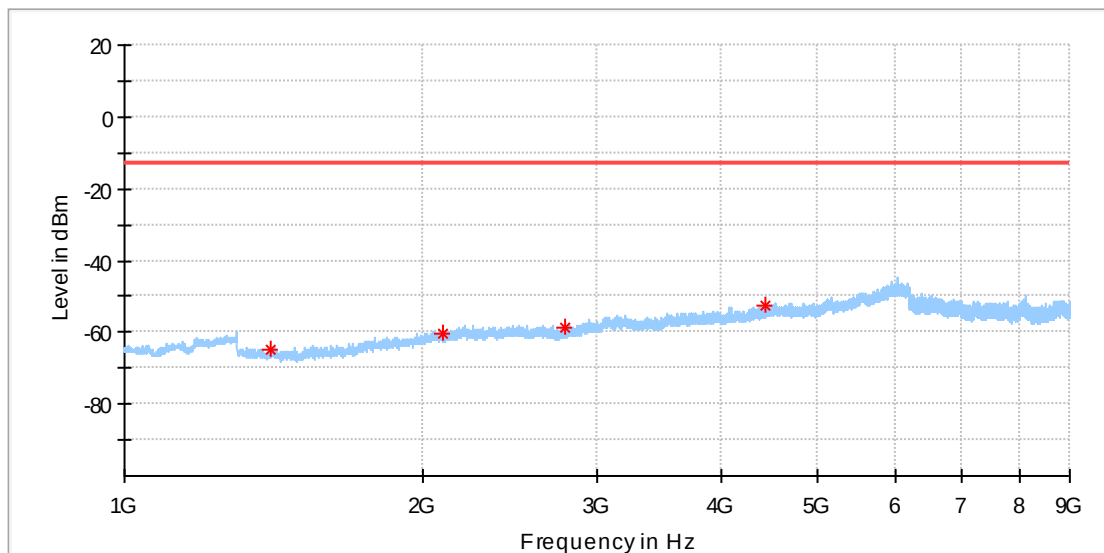
Critical Freqs

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



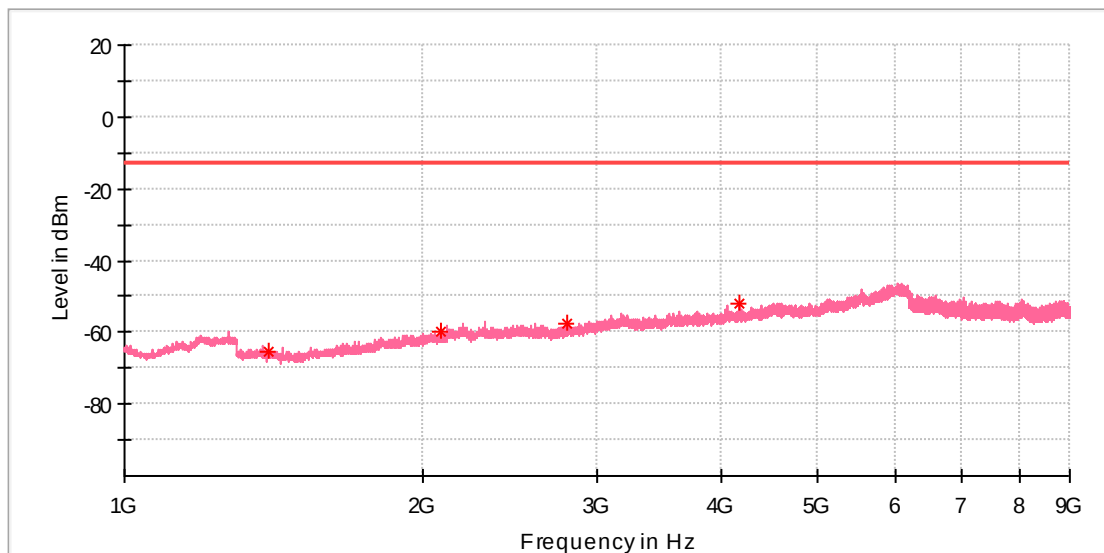
Critical Freqs

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



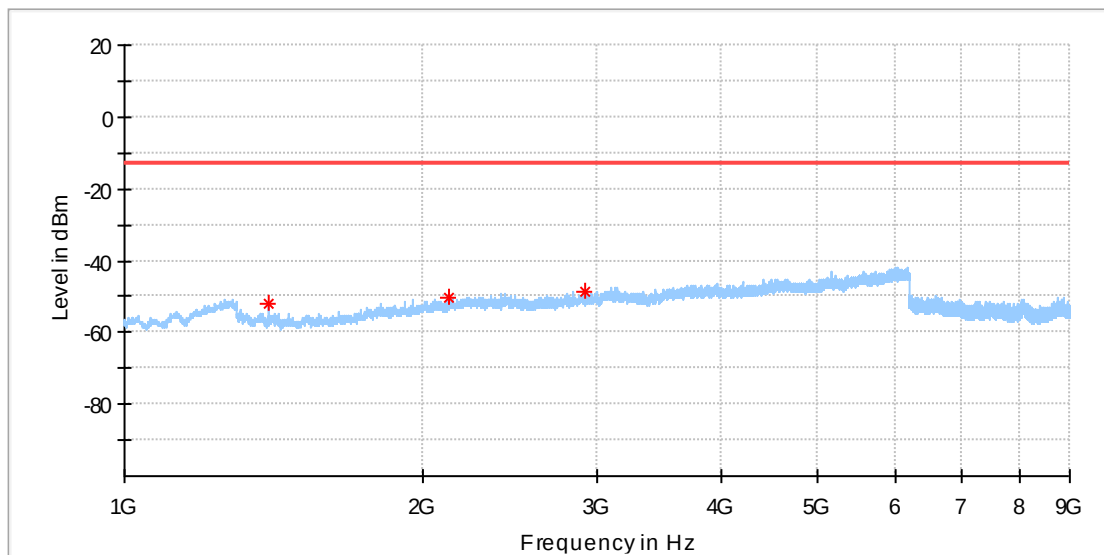
Critical Freqs

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