

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

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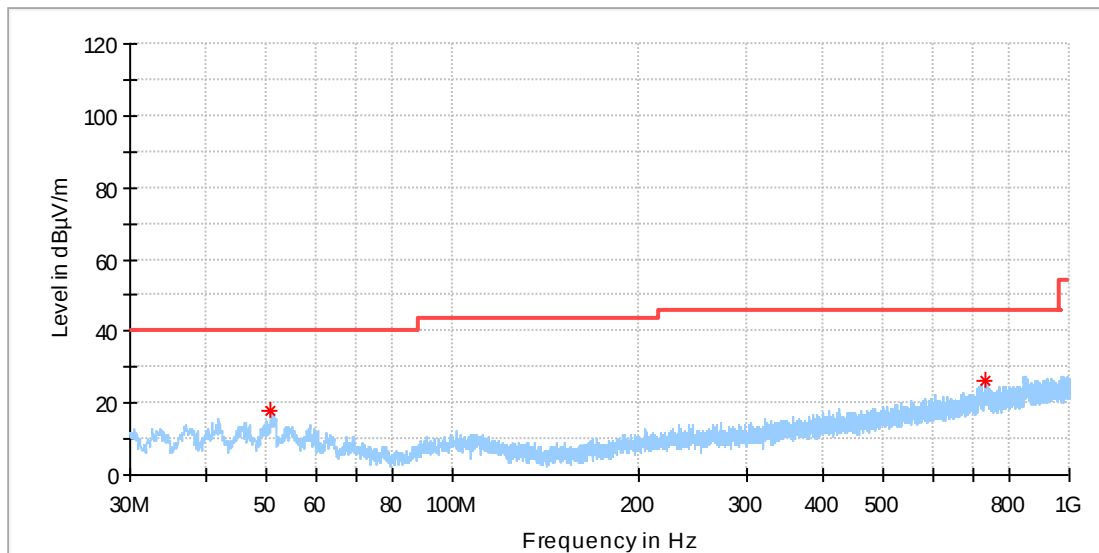
Appendix L.1: Field Strength of Spurious Radiation for Band 2

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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.806500	18.03	---	40.00	21.97	100.0	H	90.0	-18.6
728.885000	26.37	---	46.00	19.63	100.0	H	205.0	-7.9

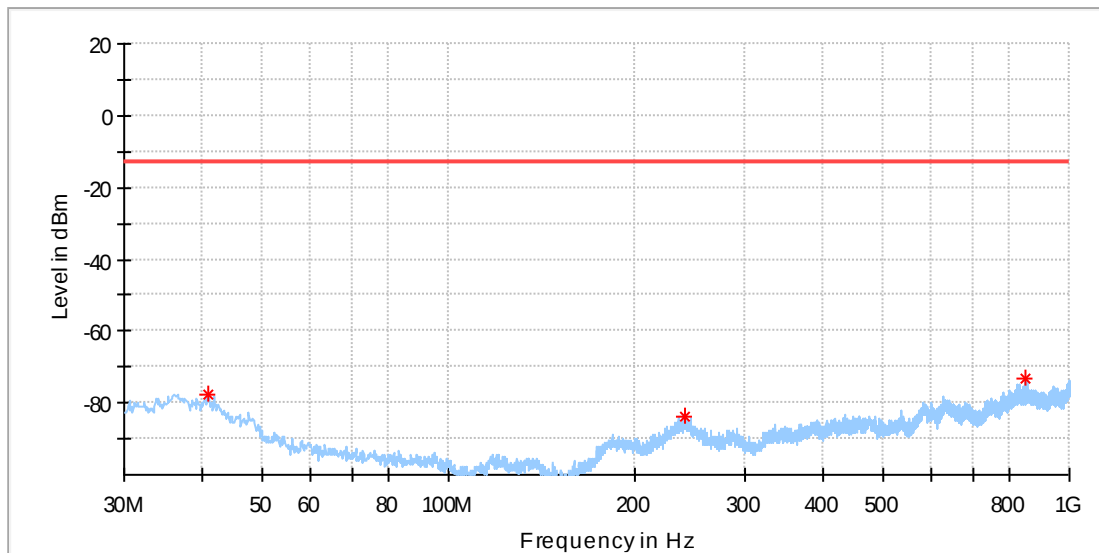
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



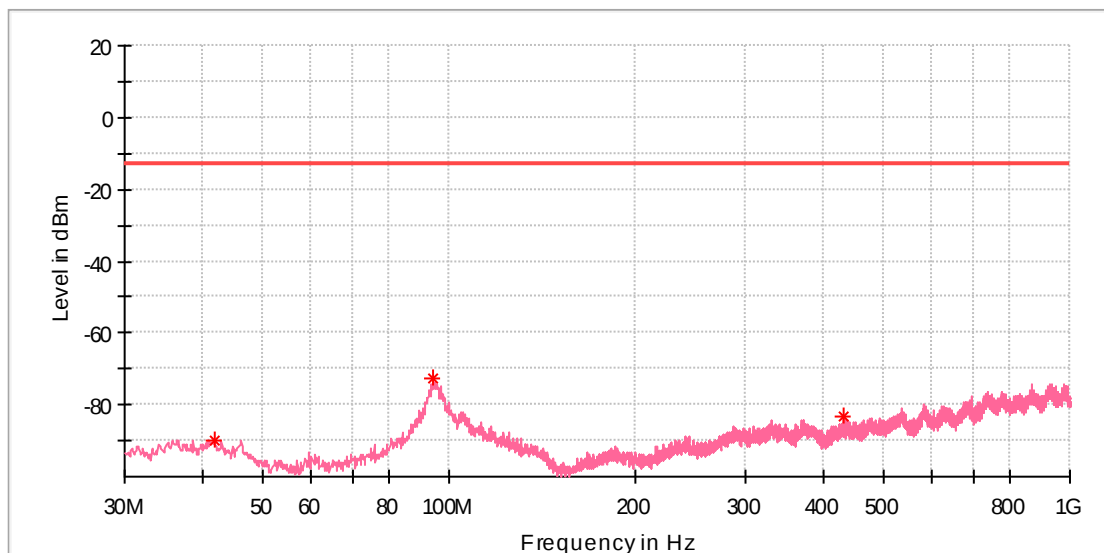
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-77.61	-13.00	64.61	100.0	H	124.0	-112.3
240.611250	-83.96	-13.00	70.97	100.0	H	187.0	-110.4
848.073750	-73.43	-13.00	60.43	100.0	H	276.0	-100.3

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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.882500	-89.68	-13.00	76.68	100.0	V	229.0	-123.2
94.141250	-72.45	-13.00	59.45	100.0	V	156.0	-99.7
430.852500	-83.21	-13.00	70.21	100.0	V	290.0	-111.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

Test Report

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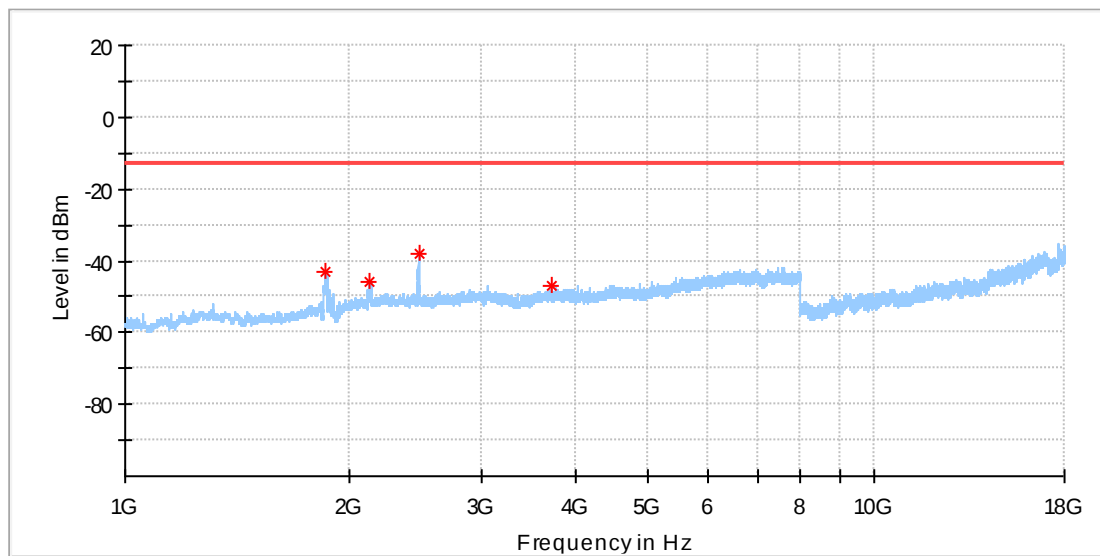
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---		---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



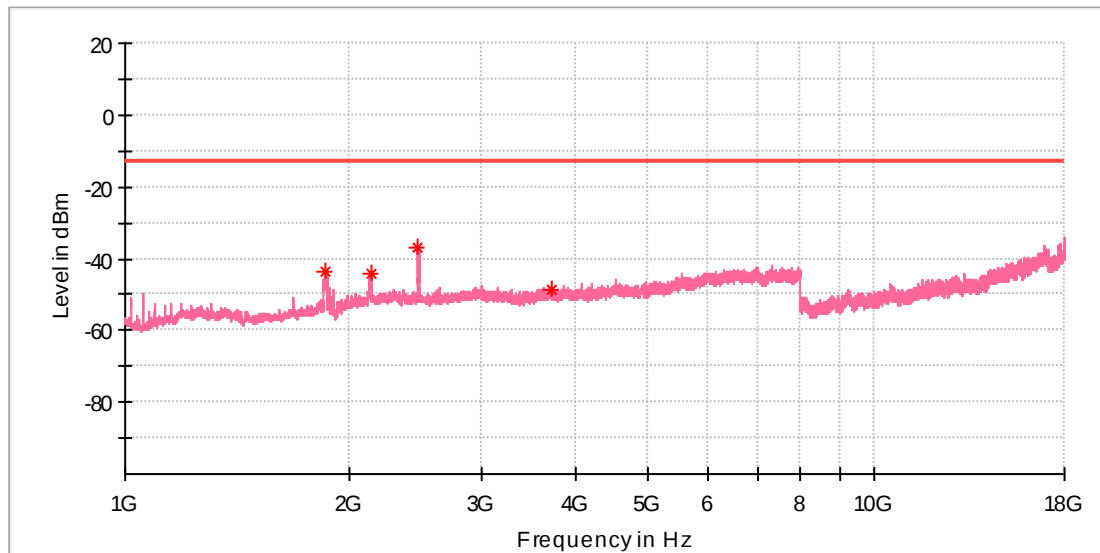
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1852.500000	-43.06	-13.00	30.06	100.0	H	0.0	-90.6
2120.500000	-45.69	-13.00	32.69	100.0	H	130.0	-88.6
2468.000000	-37.89	-13.00	24.89	100.0	H	211.0	-87.9
3710.500000	-46.87	-13.00	33.88	100.0	H	80.0	-86.8

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX Low 15kHz BPSK 1@11
Test Voltage::	DC 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



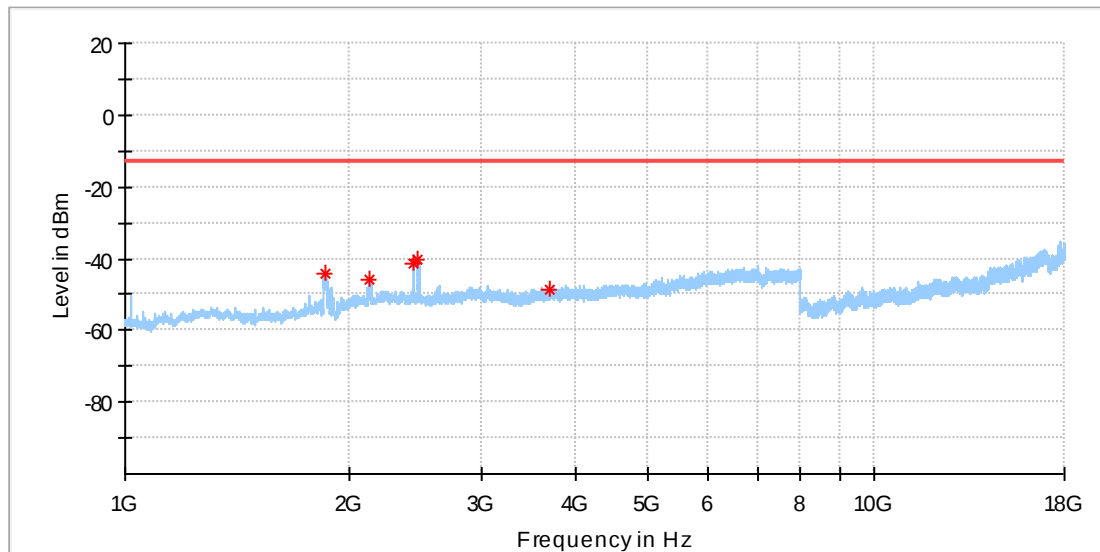
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1855.500000	-43.80	-13.00	30.80	100.0	V	186.0	-90.1
2131.500000	-44.25	-13.00	31.25	100.0	V	57.0	-87.7
2463.500000	-36.96	-13.00	23.96	100.0	V	325.0	-88.1
3708.500000	-48.77	-13.00	35.77	100.0	V	351.0	-86.7

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



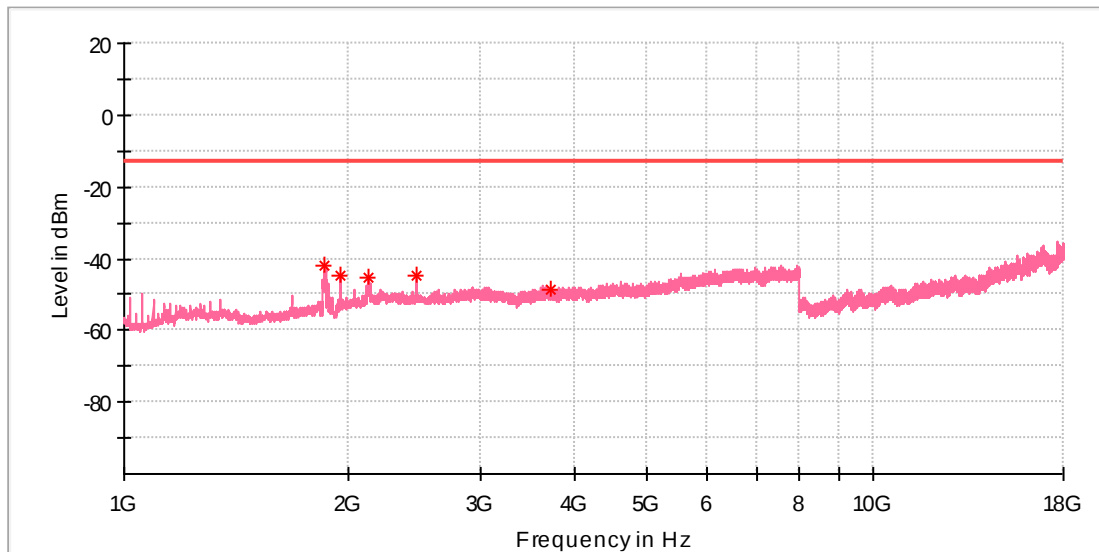
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-44.31	-13.00	31.31	100.0	H	258.0	-90.4
2120.500000	-45.66	-13.00	32.66	100.0	H	119.0	-88.6
2425.500000	-41.55	-13.00	28.55	100.0	H	224.0	-87.4
2462.000000	-40.31	-13.00	27.31	100.0	H	328.0	-87.9
3697.500000	-48.62	-13.00	35.62	100.0	H	157.0	-86.7

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



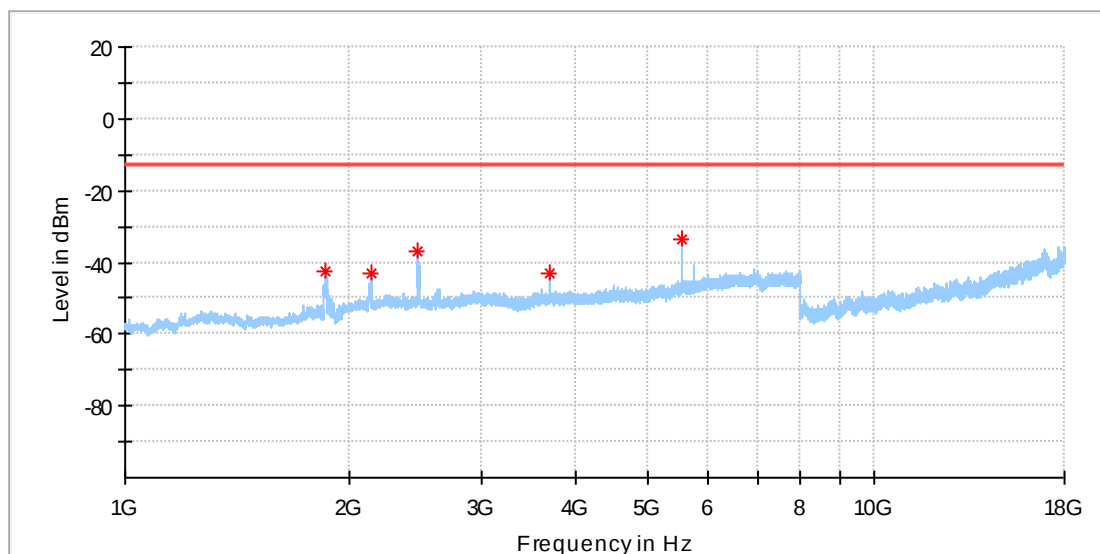
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-42.22	-13.00	29.22	100.0	V	14.0	-90.1
1943.500000	-45.02	-13.00	32.02	100.0	V	152.0	-89.6
2125.500000	-45.43	-13.00	32.43	100.0	V	112.0	-87.9
2461.000000	-44.90	-13.00	31.90	100.0	V	347.0	-88.1
3710.000000	-48.47	-13.00	35.47	100.0	V	302.0	-86.7

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-VW
Test Mode: TX Low 15kHz QPSK 12@0
Test Voltage:: DC 3.8V
Remark: Temp 24 Humi:45%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1856.500000	-42.59	-13.00	29.59	100.0	H	43.0	-90.4
2133.000000	-43.22	-13.00	30.22	100.0	H	341.0	-88.2
2461.500000	-36.75	-13.00	23.75	100.0	H	37.0	-87.9
3700.000000	-43.33	-13.00	30.33	100.0	H	177.0	-86.7
5550.500000	-33.60	-13.00	20.60	100.0	H	59.0	-83.2

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	-100.00	-100.00	-100.00	-100.00	100.00		00.00	00.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1000000	1000000	1000000	1000000	1000000	1000000		1000000	1000000

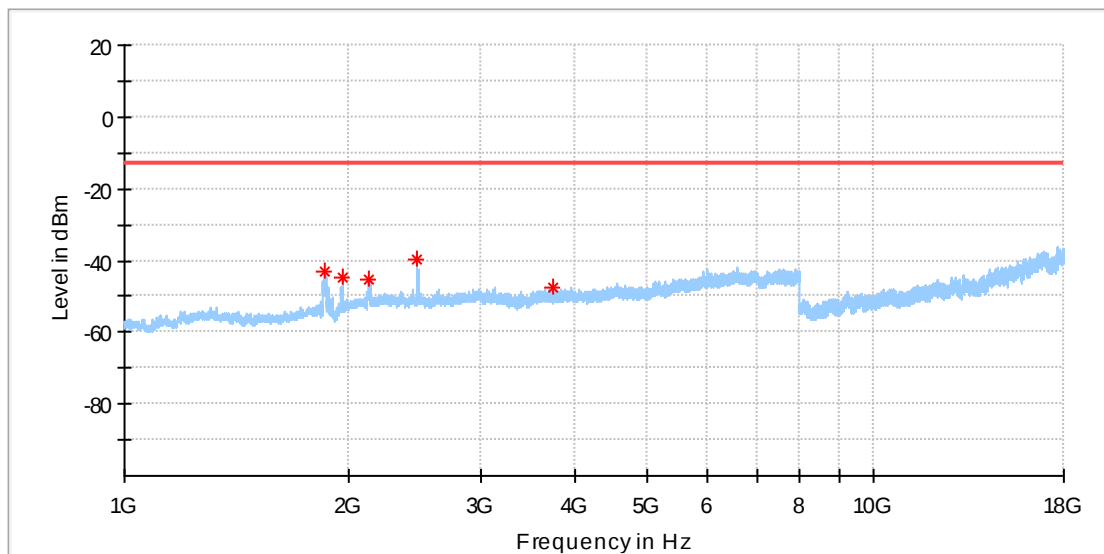
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1000	1000	1000	1000	1000	1000		1000	1000

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



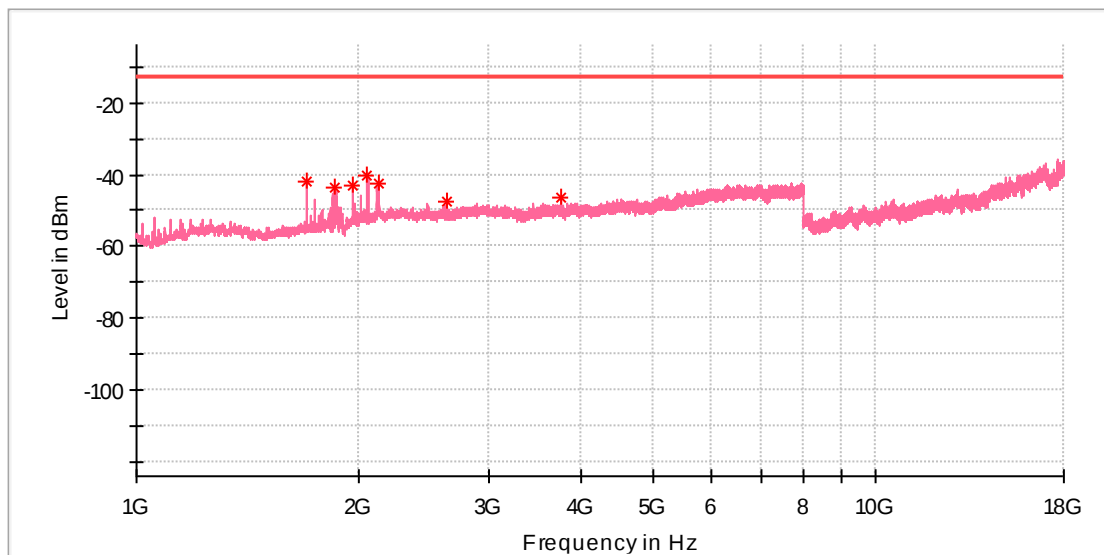
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-43.23	-13.00	30.23	100.0	H	172.0	-90.4
1958.000000	-44.97	-13.00	31.97	100.0	H	0.0	-89.7
2125.500000	-45.40	-13.00	32.40	100.0	H	107.0	-88.4
2465.500000	-39.91	-13.00	26.91	100.0	H	96.0	-87.9
3737.500000	-47.68	-13.00	34.68	100.0	H	143.0	-86.7

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



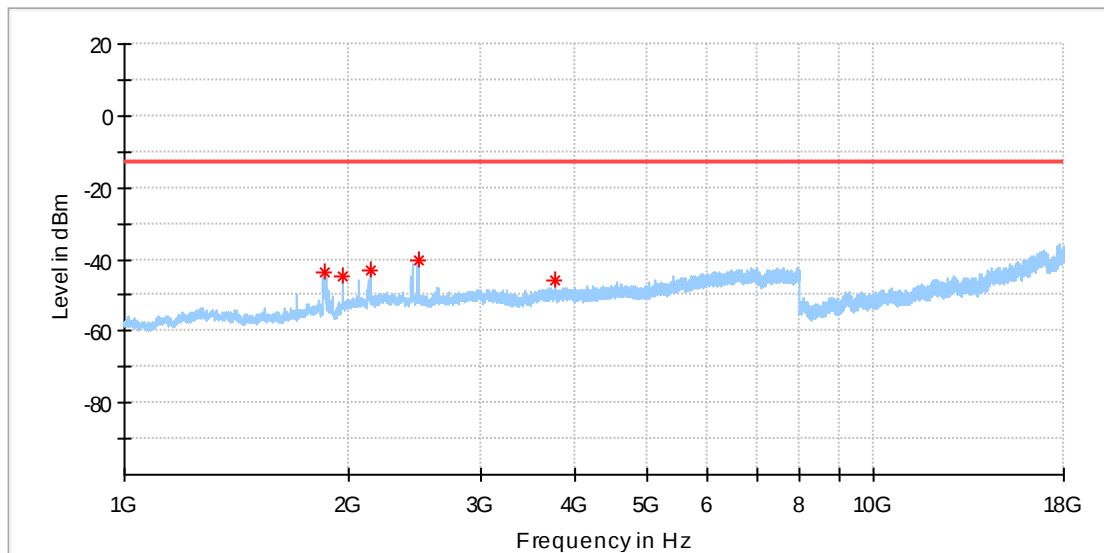
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.500000	-41.97	-13.00	28.97	100.0	V	218.0	-92.1
1855.500000	-43.37	-13.00	30.37	100.0	V	195.0	-90.1
1957.500000	-43.26	-13.00	30.26	100.0	V	91.0	-89.6
2056.500000	-40.05	-13.00	27.05	100.0	V	114.0	-89.0
2131.500000	-42.77	-13.00	29.77	100.0	V	24.0	-87.7
2630.500000	-47.49	-13.00	34.49	100.0	V	102.0	-88.5
3755.500000	-46.20	-13.00	33.20	100.0	V	17.0	-86.9

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



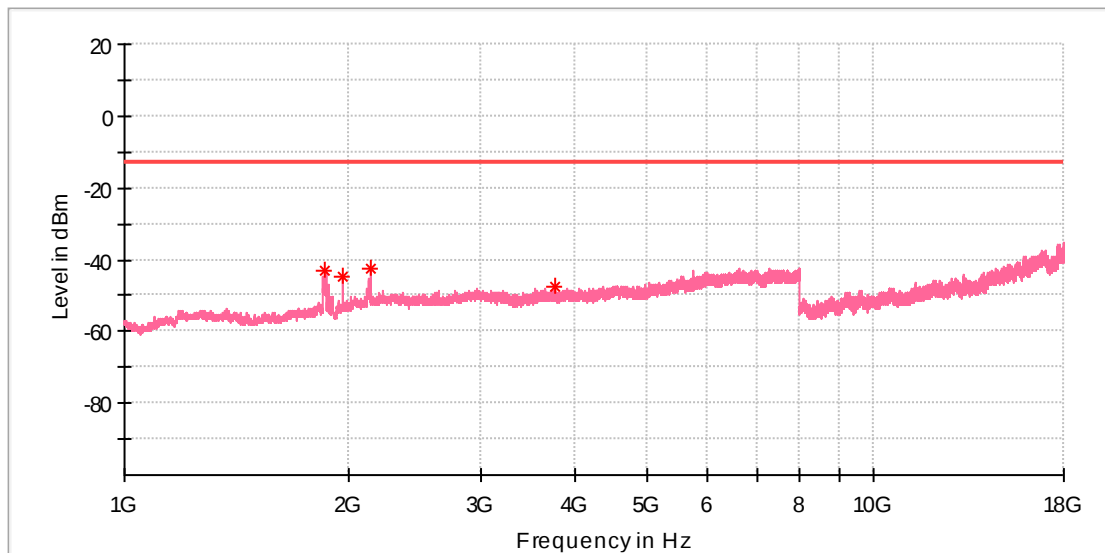
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.000000	-43.60	-13.00	30.60	100.0	H	342.0	-90.4
1957.500000	-44.75	-13.00	31.75	100.0	H	210.0	-89.7
2134.000000	-43.19	-13.00	30.19	100.0	H	163.0	-88.3
2468.500000	-40.07	-13.00	27.07	100.0	H	250.0	-87.9
3755.500000	-45.79	-13.00	32.79	100.0	H	127.0	-86.6

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



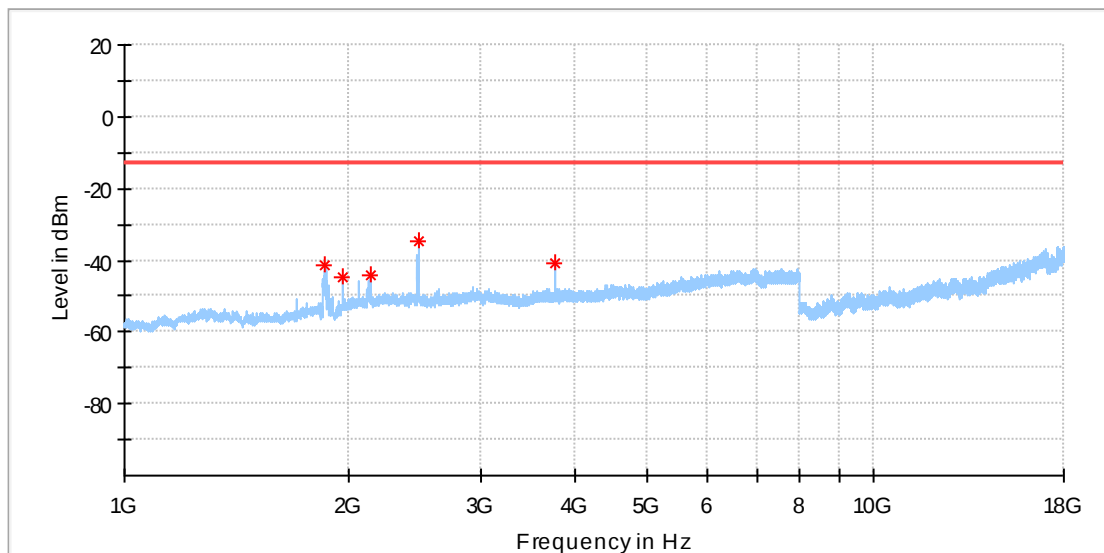
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-42.82	-13.00	29.82	100.0	V	101.0	-90.1
1958.000000	-44.95	-13.00	31.95	100.0	V	356.0	-89.6
2134.500000	-42.48	-13.00	29.48	100.0	V	233.0	-87.7
3755.500000	-47.71	-13.00	34.71	100.0	V	329.0	-86.9

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



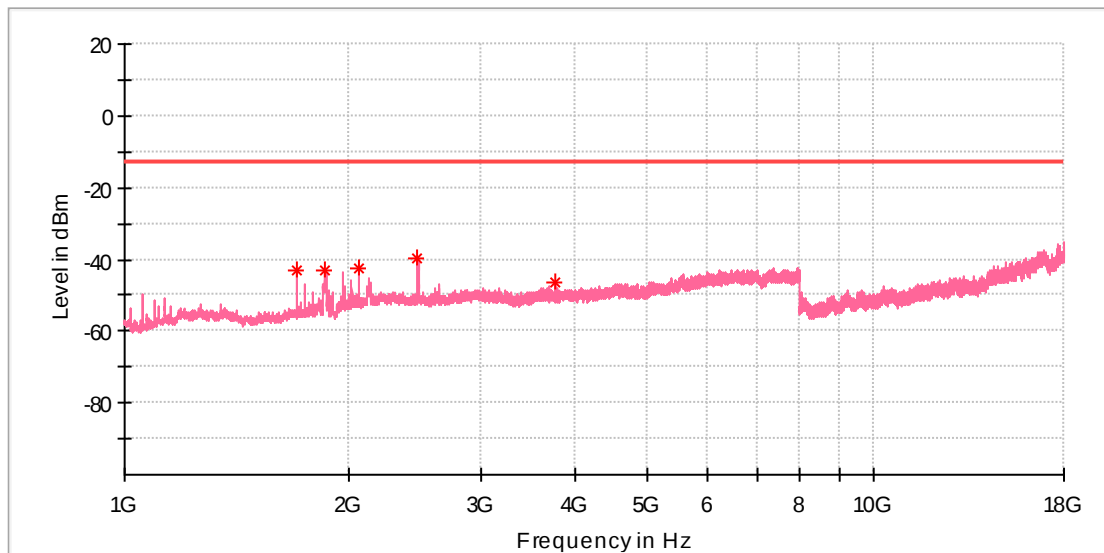
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-41.30	-13.00	28.30	100.0	H	245.0	-90.4
1958.000000	-44.77	-13.00	31.77	100.0	H	251.0	-89.7
2134.000000	-44.01	-13.00	31.01	100.0	H	320.0	-88.3
2468.000000	-34.65	-13.00	21.65	100.0	H	124.0	-87.9
3755.000000	-40.90	-13.00	27.90	100.0	H	316.0	-86.6

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.500000	-42.99	-13.00	29.99	100.0	V	295.0	-92.1
1852.000000	-42.80	-13.00	29.80	100.0	V	341.0	-90.2
2056.500000	-42.63	-13.00	29.63	100.0	V	196.0	-89.0
2465.500000	-39.69	-13.00	26.69	100.0	V	4.0	-88.1
3754.500000	-46.67	-13.00	33.67	100.0	V	50.0	-86.9

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-129.5	-130.5	-130.5	0.0	10.0	V	135	0.0

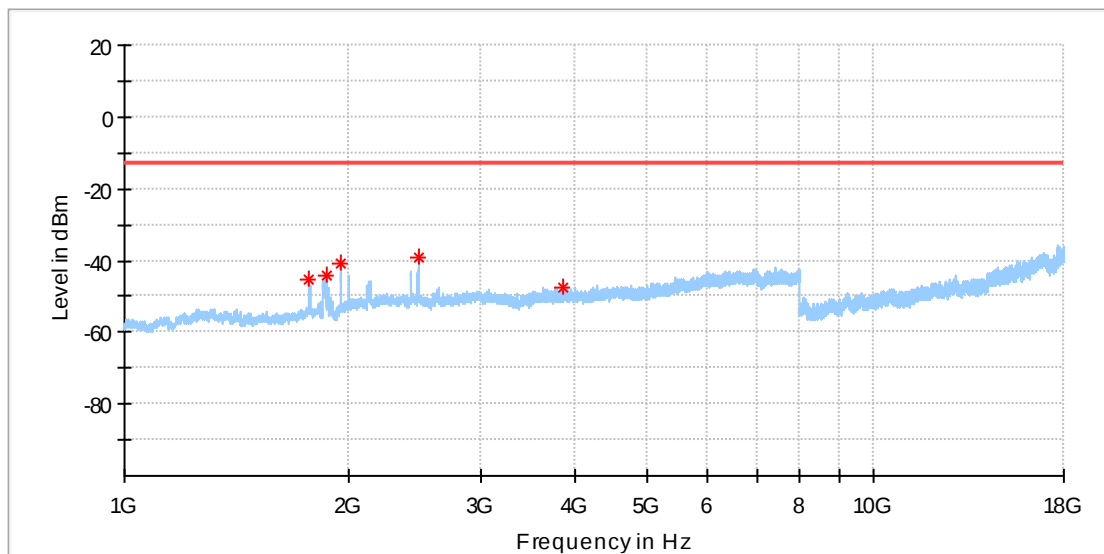
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	-100.0000	-100.0000	-100.0000	-100.0000	100.0000		100.0000	100.0000

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 3.8V
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



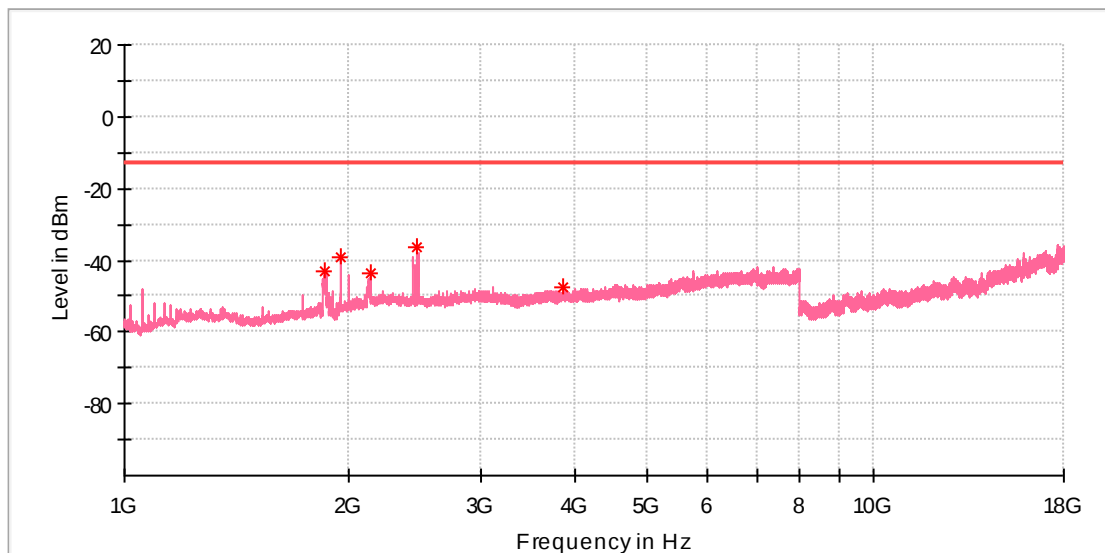
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1767.000000	-45.31	-13.00	32.31	100.0	H	231.0	-90.5
1861.000000	-43.99	-13.00	30.99	100.0	H	46.0	-90.2
1943.500000	-40.99	-13.00	27.99	100.0	H	356.0	-89.9
2468.000000	-39.40	-13.00	26.40	100.0	H	7.0	-87.9
3864.000000	-47.50	-13.00	34.50	100.0	H	193.0	-86.5

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



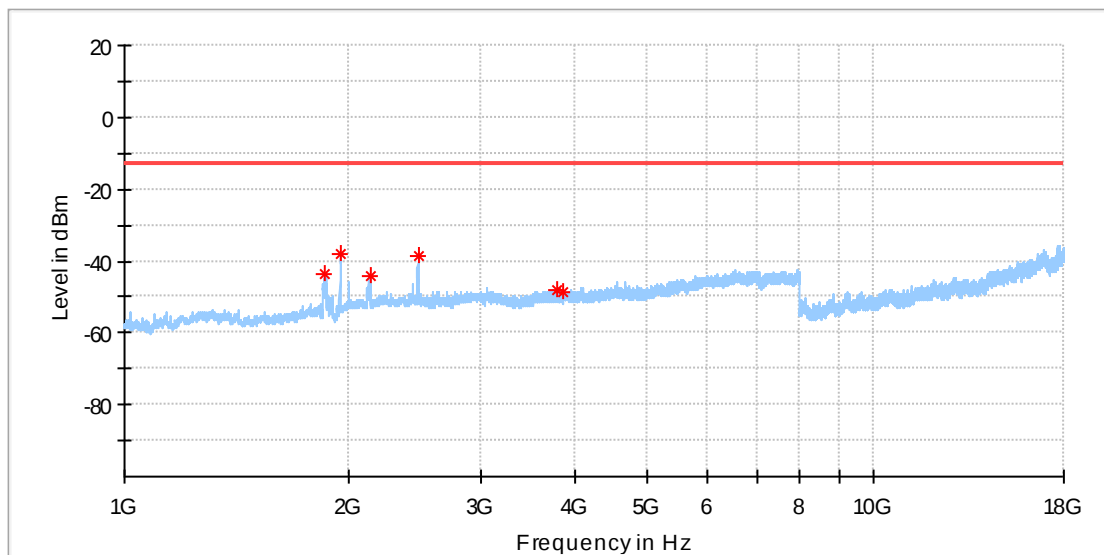
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1848.500000	-42.92	-13.00	29.92	100.0	V	71.0	-90.2
1943.000000	-39.37	-13.00	26.37	100.0	V	0.0	-89.6
2134.000000	-43.70	-13.00	30.70	100.0	V	19.0	-87.7
2461.500000	-36.36	-13.00	23.36	100.0	V	318.0	-88.1
3847.500000	-47.32	-13.00	34.32	100.0	V	135.0	-86.7

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



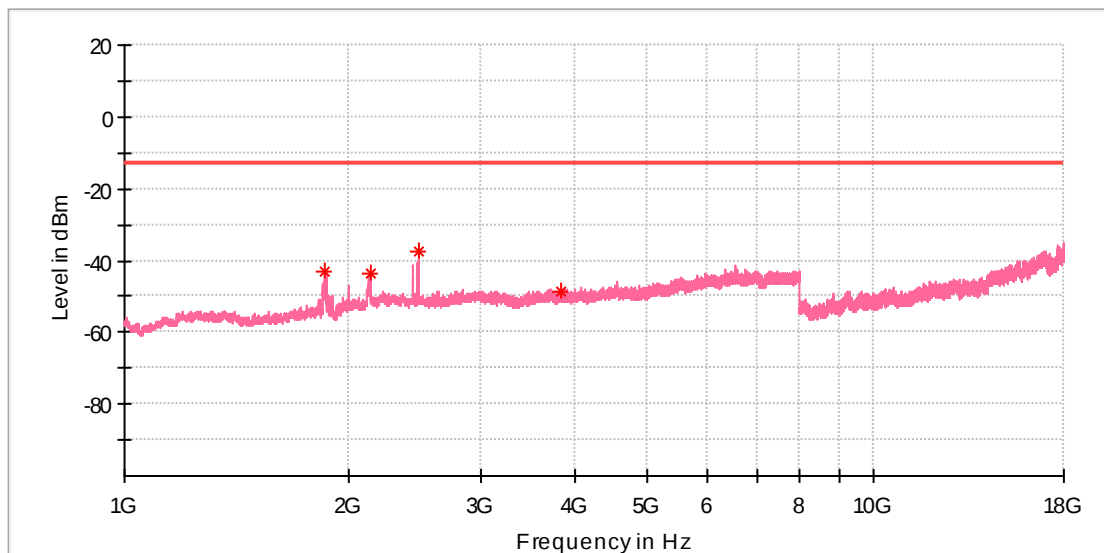
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-43.76	-13.00	30.76	100.0	H	0.0	-90.4
1941.500000	-38.31	-13.00	25.31	100.0	H	260.0	-89.9
2133.500000	-43.94	-13.00	30.94	100.0	H	127.0	-88.3
2468.500000	-38.74	-13.00	25.74	100.0	H	278.0	-87.9
3783.000000	-47.84	-13.00	34.84	100.0	H	343.0	-86.6
3849.500000	-48.39	-13.00	35.39	100.0	H	58.0	-86.7

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



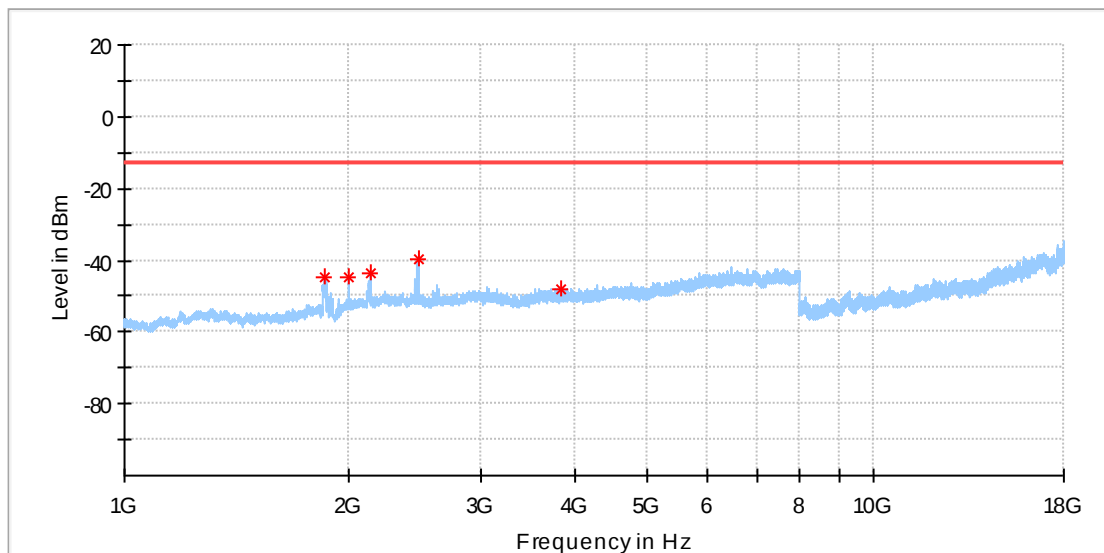
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-43.01	-13.00	30.01	100.0	V	352.0	-90.1
2132.000000	-43.79	-13.00	30.79	100.0	V	103.0	-87.7
2468.500000	-37.46	-13.00	24.46	100.0	V	6.0	-88.1
3821.500000	-48.89	-13.00	35.89	100.0	V	239.0	-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 24 Humi:45%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



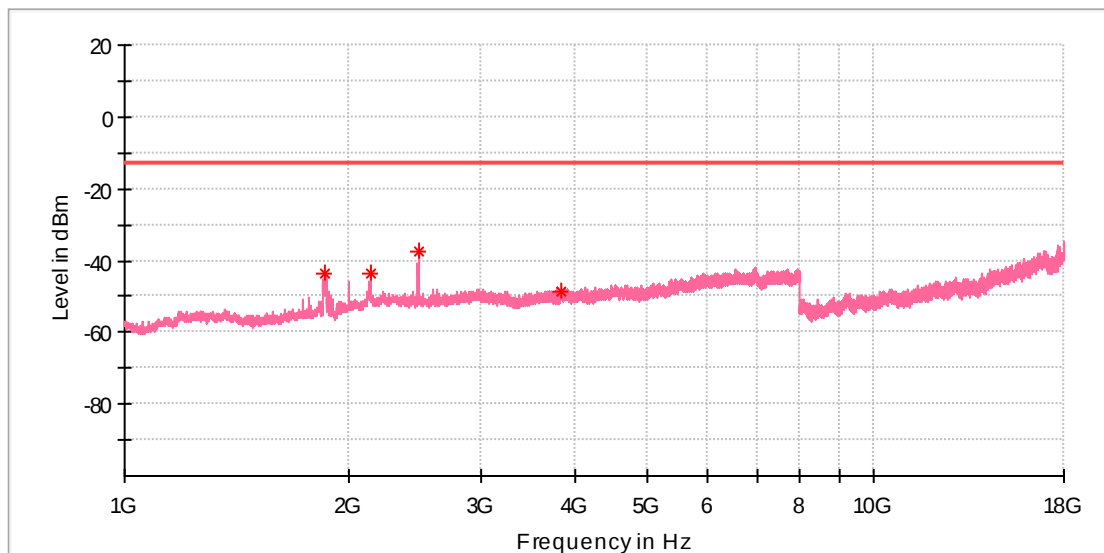
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1849.000000	-44.61	-13.00	31.61	100.0	H	207.0	-90.5
1989.500000	-44.73	-13.00	31.73	100.0	H	236.0	-89.3
2134.000000	-43.49	-13.00	30.49	100.0	H	271.0	-88.3
2468.500000	-39.63	-13.00	26.63	100.0	H	133.0	-87.9
3824.000000	-48.09	-13.00	35.09	100.0	H	239.0	-86.8

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 24 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1857.500000	-43.65	-13.00	30.65	100.0	V	357.0	-90.1
2134.000000	-43.81	-13.00	30.81	100.0	V	124.0	-87.7
2468.500000	-37.63	-13.00	24.63	100.0	V	334.0	-88.1
3831.500000	-48.52	-13.00	35.52	100.0	V	31.0	-86.9

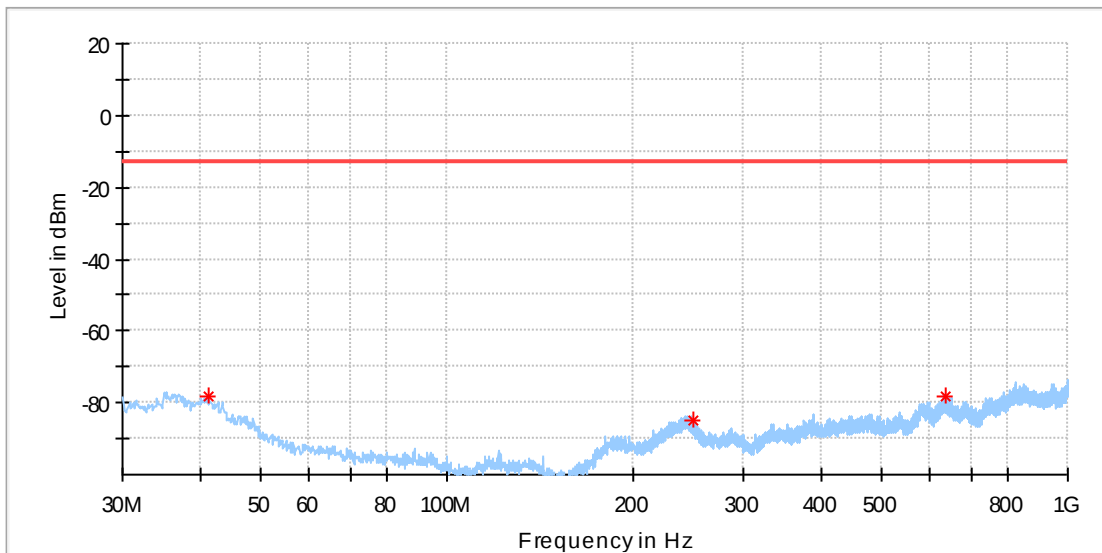
Appendix L.2: Field Strength of Spurious Radiation for Band 4

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



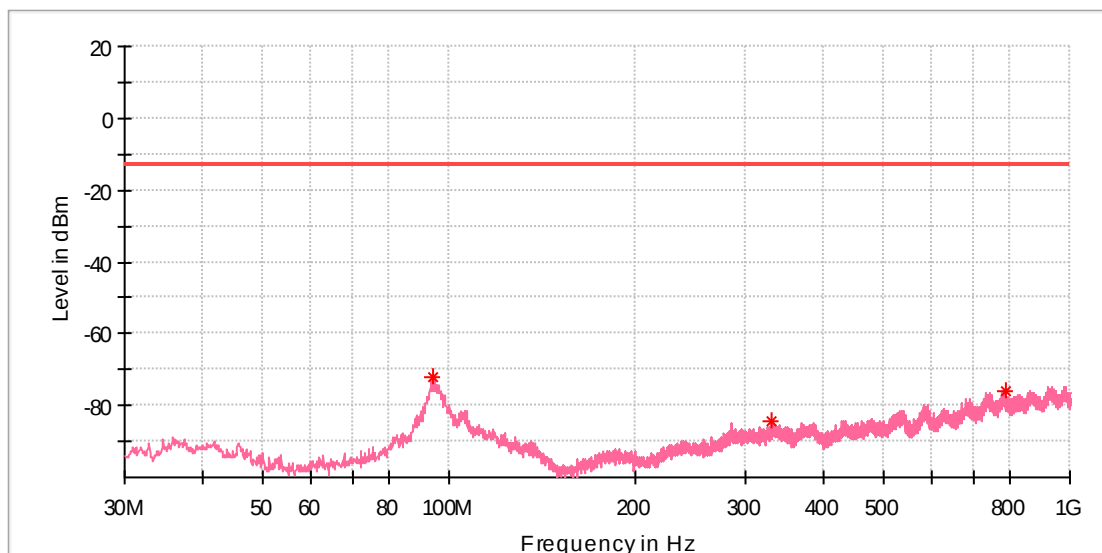
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.155000	-78.32	-13.00	65.32	100.0	H	221.0	-112.2
249.341250	-84.70	-13.00	71.70	100.0	H	49.0	-110.0
633.703750	-77.99	-13.00	64.99	100.0	H	176.0	-104.9

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

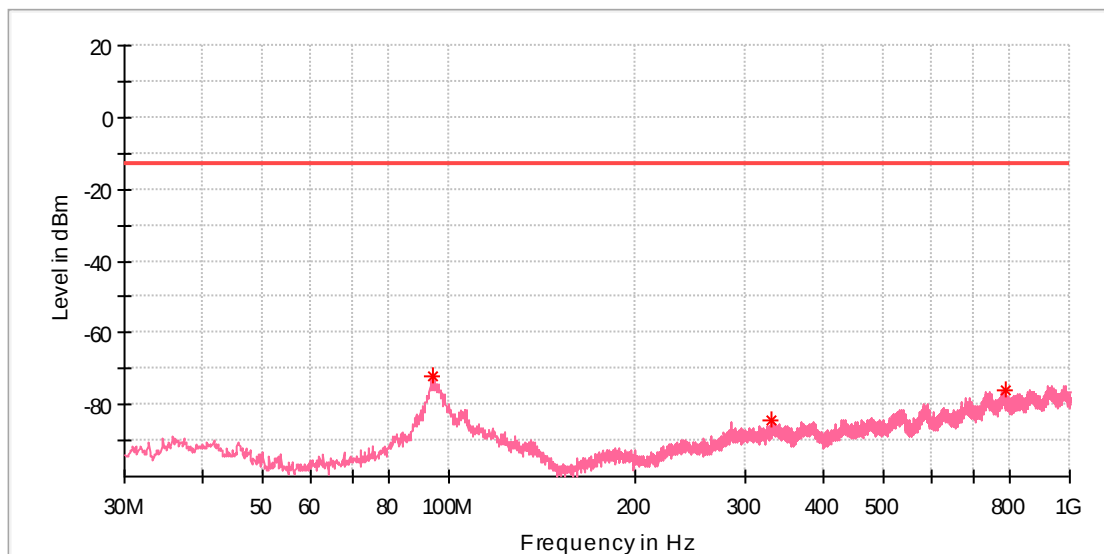
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.23	-13.00	59.23	100.0	V	308.0	-99.6
330.942500	-84.22	-13.00	71.22	100.0	V	0.0	-112.1
787.327500	-76.18	-13.00	63.18	100.0	V	151.0	-102.6

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



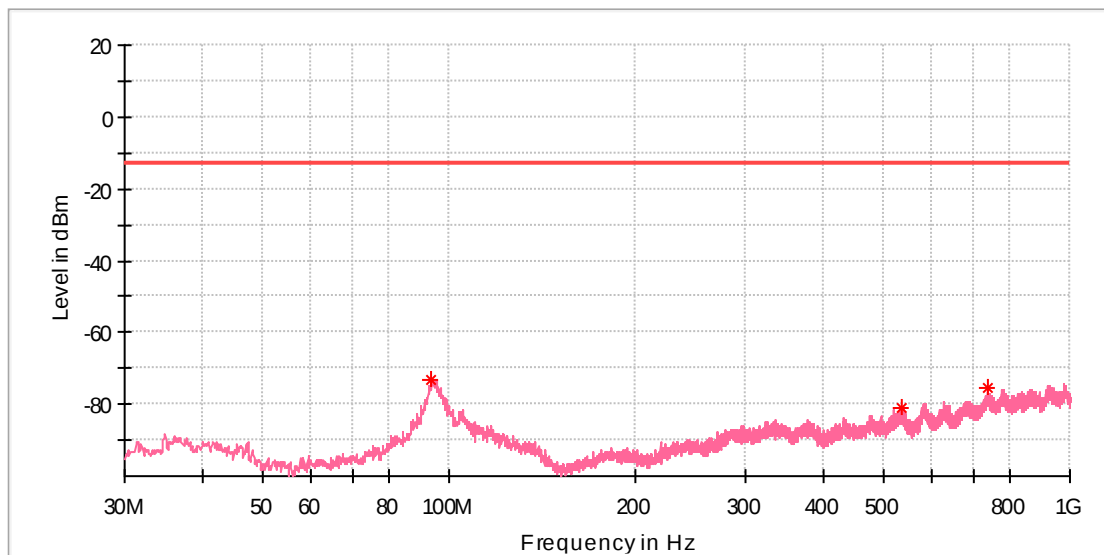
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-72.23	-13.00	59.23	100.0	V	308.0	-99.6
330.942500	-84.22	-13.00	71.22	100.0	V	0.0	-112.1
787.327500	-76.18	-13.00	63.18	100.0	V	151.0	-102.6

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)
93.535000	-73.36	-13.00	60.36	100.0	V	166.0	-100.8
534.278750	-81.27	-13.00	68.27	100.0	V	175.0	-107.6
739.918750	-75.34	-13.00	62.34	100.0	V	76.0	-102.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.00	-130.00	-130.00	2.00	10.00	V	0.00	0.00

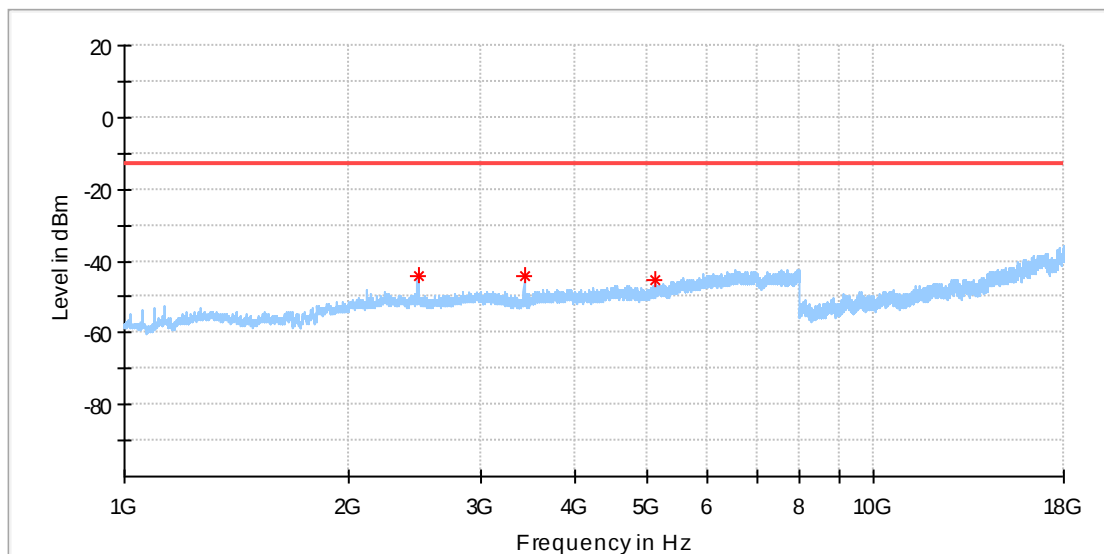
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	0.0	100.0	V	0.0	0.0

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



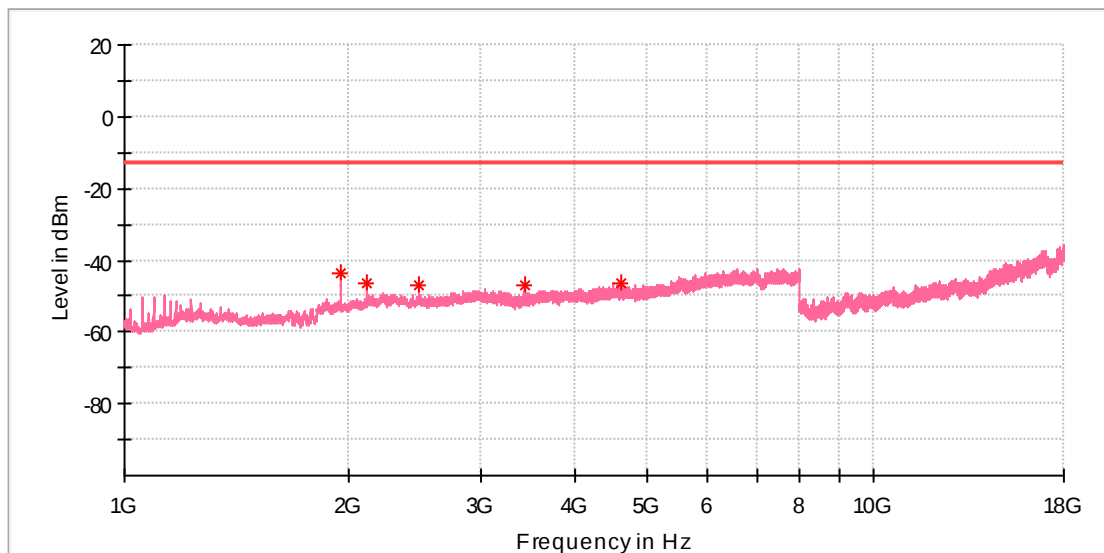
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2468.500000	-44.05	-13.00	31.05	100.0	H	242.0	-87.9
3420.500000	-44.27	-13.00	31.27	100.0	H	6.0	-87.9
5130.000000	-45.40	-13.00	32.40	100.0	H	0.0	-84.8

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



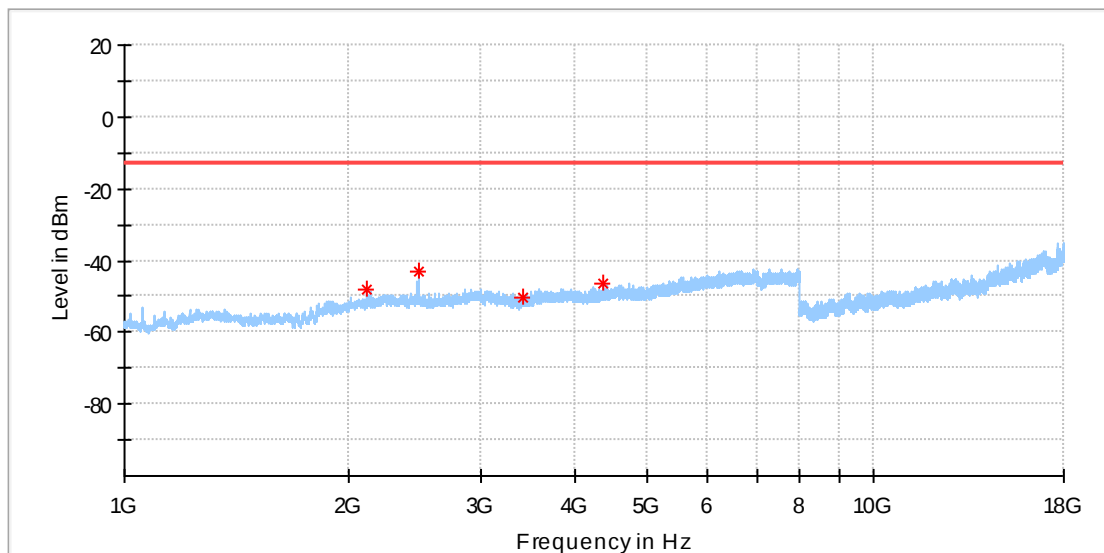
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1943.500000	-43.77	-13.00	30.77	100.0	V	79.0	-89.6
2110.500000	-46.39	-13.00	33.39	100.0	V	62.0	-88.5
2474.500000	-47.05	-13.00	34.05	100.0	V	166.0	-88.0
3420.000000	-46.73	-13.00	33.73	100.0	V	40.0	-87.7
4614.000000	-46.16	-13.00	33.16	100.0	V	95.0	-85.7

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



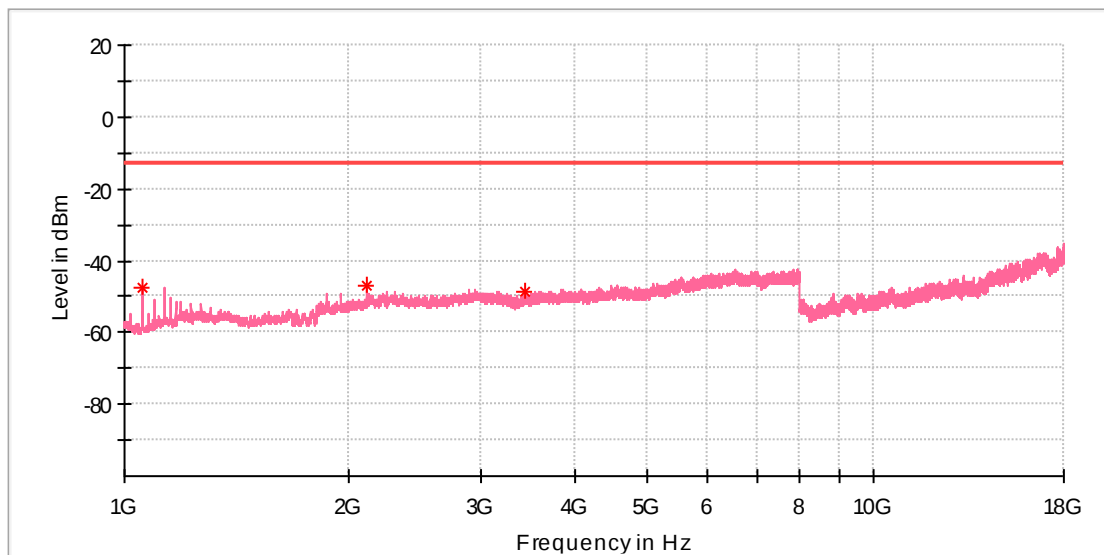
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2109.500000	-48.27	-13.00	35.27	100.0	H	233.0	-89.0
2469.000000	-43.09	-13.00	30.09	100.0	H	337.0	-87.9
3418.500000	-50.37	-13.00	37.37	100.0	H	113.0	-87.9
4353.500000	-46.44	-13.00	33.44	100.0	H	210.0	-86.4

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



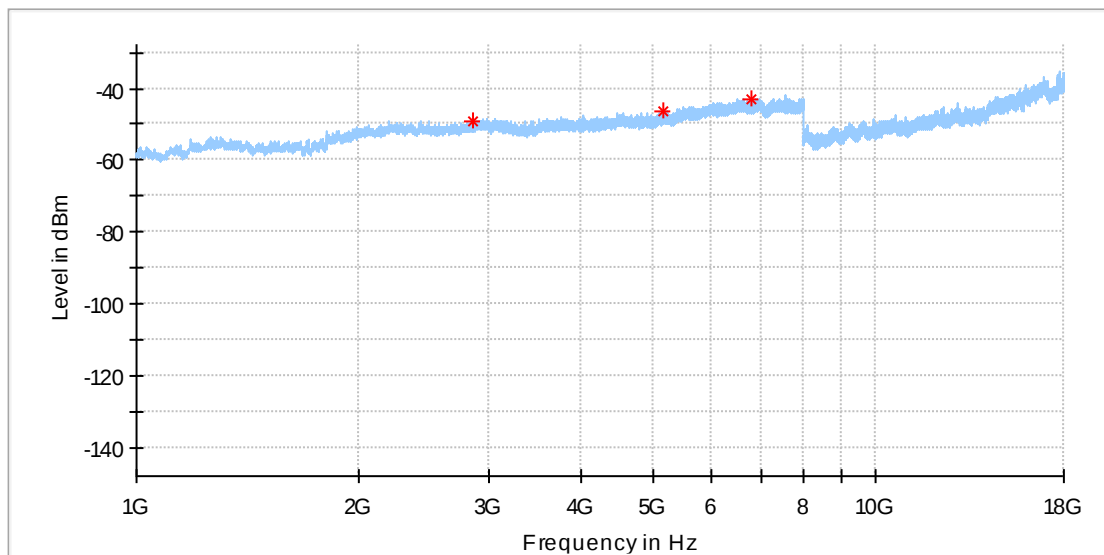
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1056.000000	-47.33	-13.00	34.33	100.0	V	215.0	-96.6
2110.500000	-46.87	-13.00	33.87	100.0	V	0.0	-88.5
3420.000000	-48.78	-13.00	35.78	100.0	V	66.0	-87.7

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



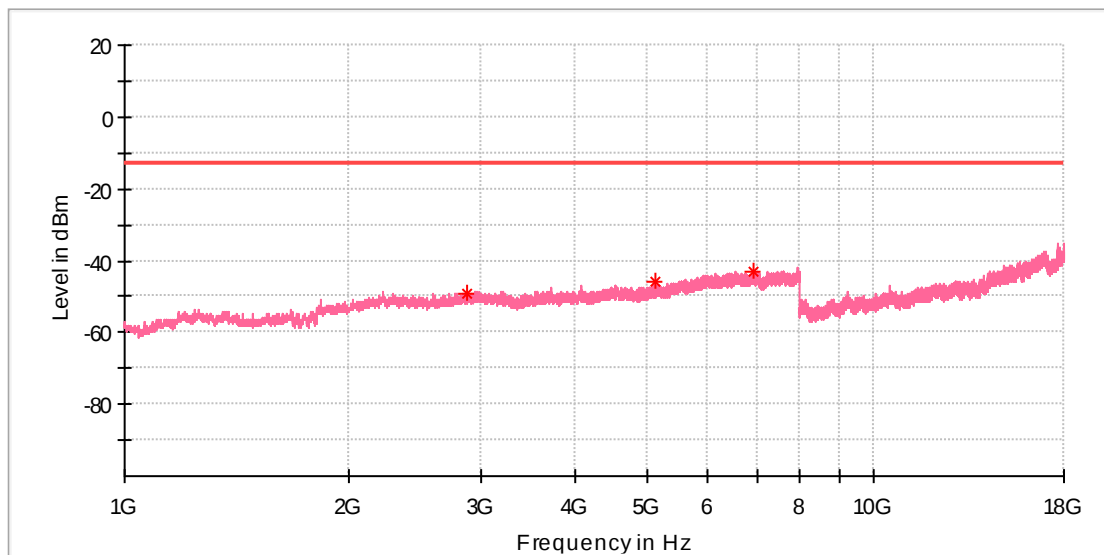
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2854.000000	-49.12	-13.00	36.12	100.0	H	128.0	-87.3
5166.000000	-46.33	-13.00	33.33	100.0	H	0.0	-84.6
6805.000000	-43.18	-13.00	30.18	100.0	H	82.0	-81.5

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)
2866.500000	-49.27	-13.00	36.27	100.0	V	36.0	-86.8
5114.500000	-46.05	-13.00	33.05	100.0	V	108.0	-85.0
6925.500000	-43.28	-13.00	30.28	100.0	V	60.0	-81.2

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.39000	14.0000	12.0000	14.0000	0.0000	100.0000		0.0000	0.0000

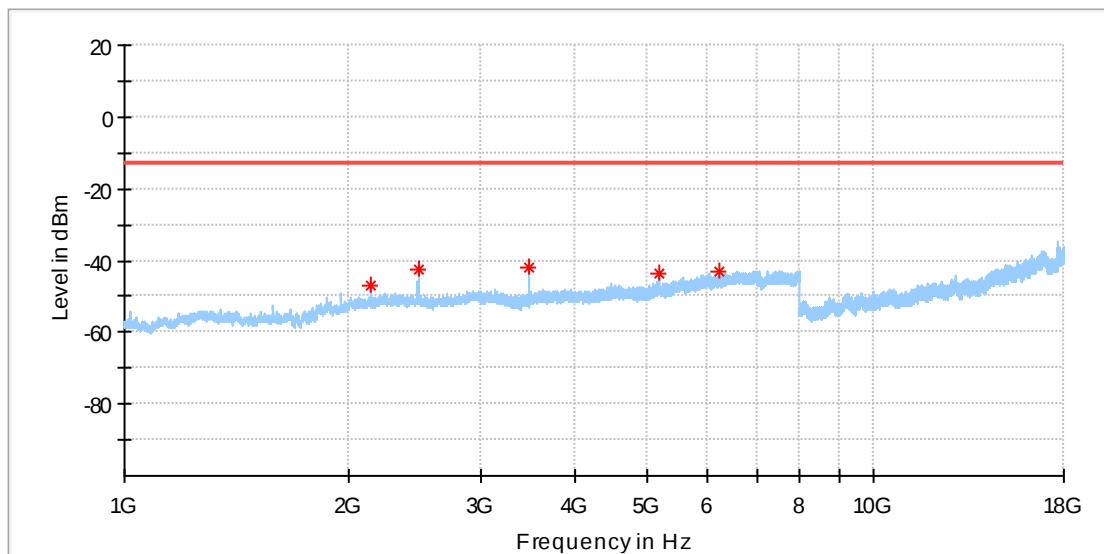
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000000	-100.000000	-100.000000	-100.000000	-100.000000	100.000000		100.000000	100.000000

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



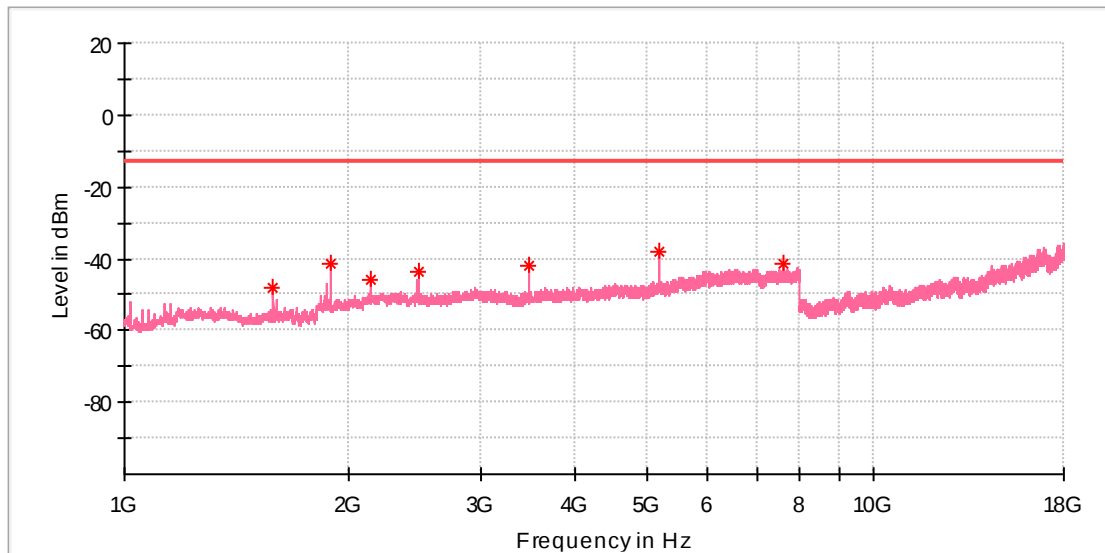
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2132.500000	-46.81	-13.00	33.81	100.0	H	81.0	-88.2
2469.000000	-42.60	-13.00	29.60	100.0	H	4.0	-87.9
3465.000000	-41.90	-13.00	28.90	100.0	H	301.0	-88.1
5197.500000	-43.38	-13.00	30.38	100.0	H	0.0	-84.8
6232.000000	-42.95	-13.00	29.95	100.0	H	205.0	-82.1

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



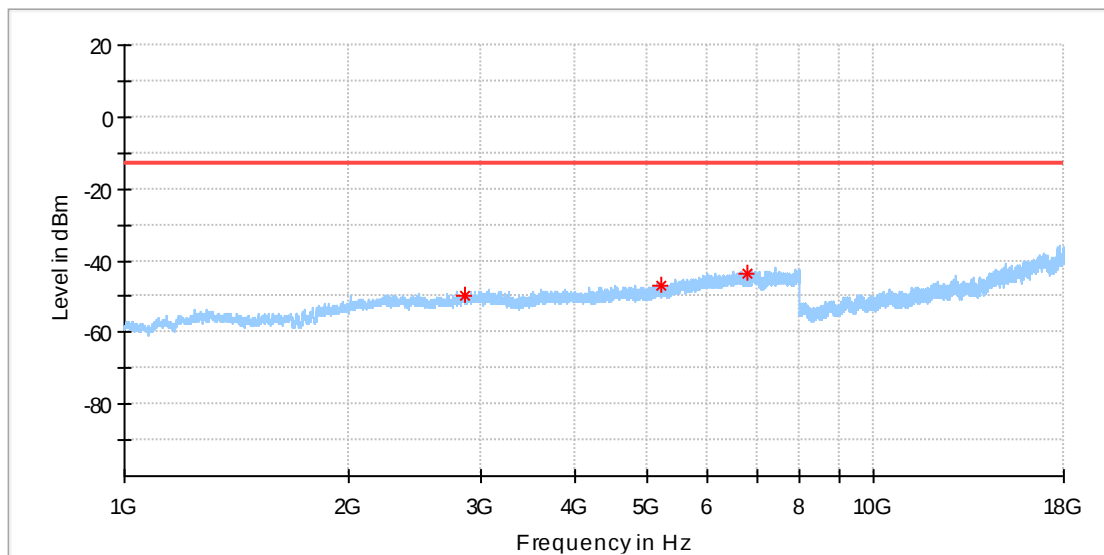
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.000000	-48.29	-13.00	35.29	100.0	V	134.0	-93.0
1883.000000	-41.56	-13.00	28.56	100.0	V	105.0	-90.2
2132.000000	-46.13	-13.00	33.13	100.0	V	53.0	-87.7
2468.500000	-43.59	-13.00	30.59	100.0	V	348.0	-88.1
3465.000000	-42.20	-13.00	29.20	100.0	V	65.0	-87.8
5197.500000	-38.30	-13.00	25.30	100.0	V	30.0	-84.8
7580.000000	-41.62	-13.00	28.62	100.0	V	155.0	-79.4

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



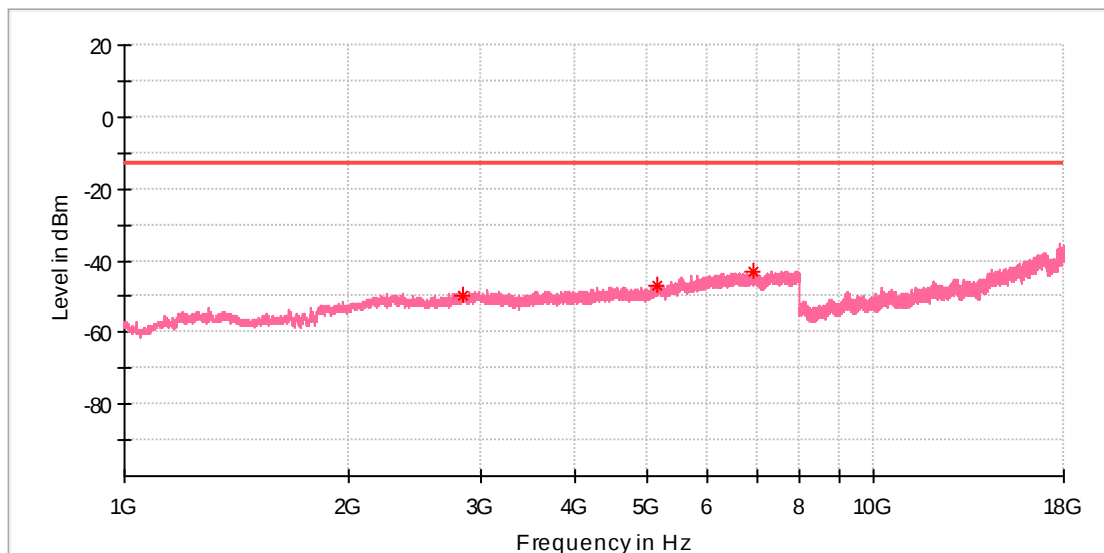
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2843.000000	-49.78	-13.00	36.78	100.0	H	357.0	-87.7
5203.500000	-46.74	-13.00	33.74	100.0	H	7.0	-84.9
6812.000000	-43.75	-13.00	30.75	100.0	H	209.0	-81.4

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



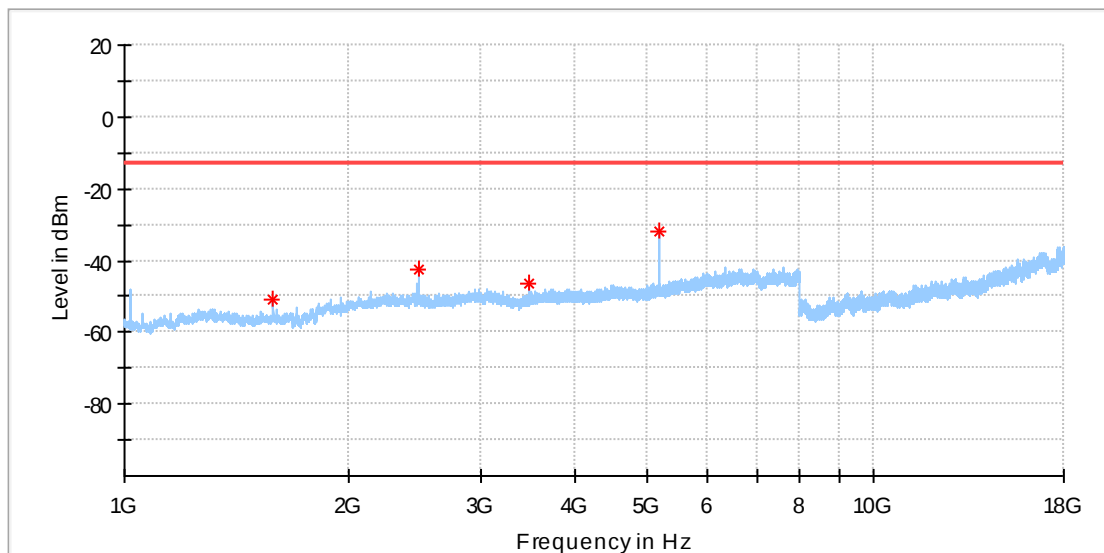
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2839.500000	-49.55	-13.00	36.55	100.0	V	12.0	-87.4
5148.000000	-47.03	-13.00	34.03	100.0	V	277.0	-84.7
6919.000000	-42.88	-13.00	29.88	100.0	V	312.0	-81.2

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 24 Humi:45%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



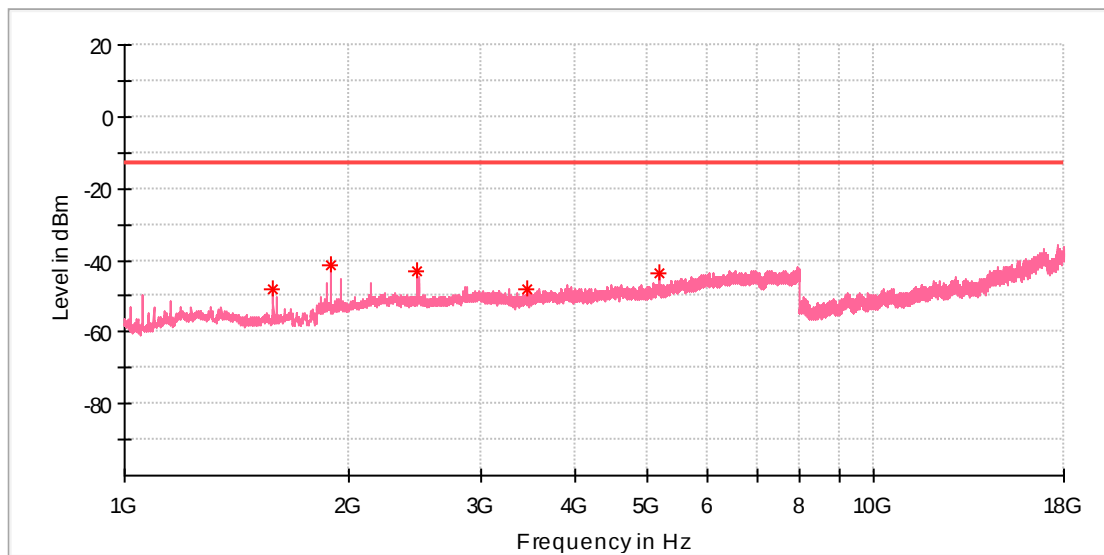
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.500000	-50.74	-13.00	37.74	100.0	H	25.0	-92.9
2468.000000	-42.62	-13.00	29.62	100.0	H	280.0	-87.9
3464.500000	-46.31	-13.00	33.31	100.0	H	316.0	-88.1
5197.000000	-31.63	-13.00	18.63	100.0	H	58.0	-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 24 Humi:45%
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)
1581.500000	-48.20	-13.00	35.20	100.0	V	133.0	-93.0
1883.000000	-41.19	-13.00	28.19	100.0	V	121.0	-90.2
2461.000000	-43.13	-13.00	30.13	100.0	V	110.0	-88.1
3461.500000	-48.09	-13.00	35.09	100.0	V	150.0	-87.8
5197.000000	-43.38	-13.00	30.38	100.0	V	322.0	-84.8

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	100.0000	100.0000	100.0000	100.0000	100.0000		100.0000	100.0000

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.420	-12.00	-13.00	-14.00	-15.00	10.00	V	0.00	0.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-129.00	-130.00	-130.00	1.00	100.00		0.00	0.00

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

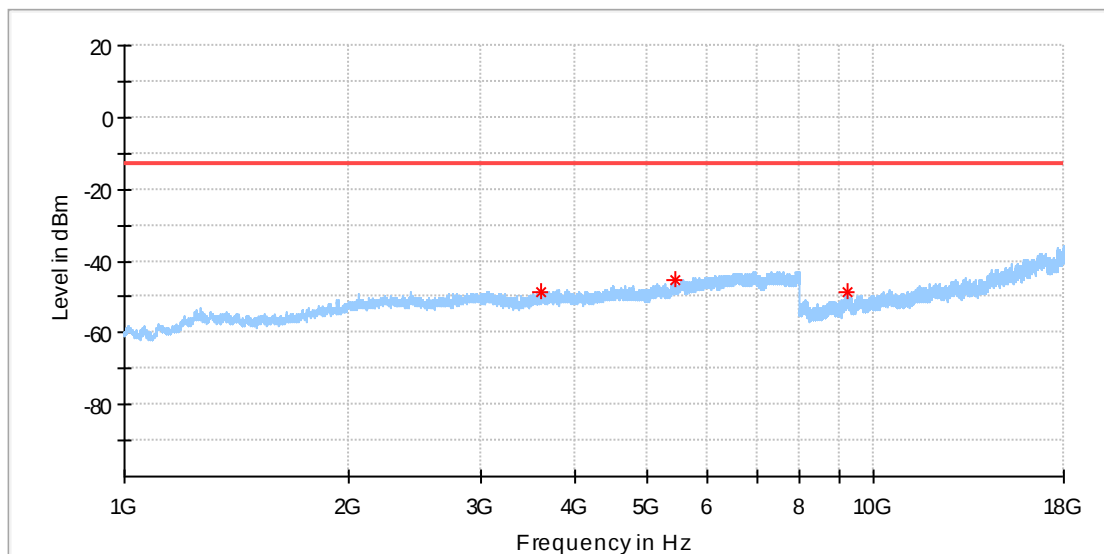
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	-100.0000	-100.0000	-100.0000	-100.0000	100.0000		100.0000	100.0000

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



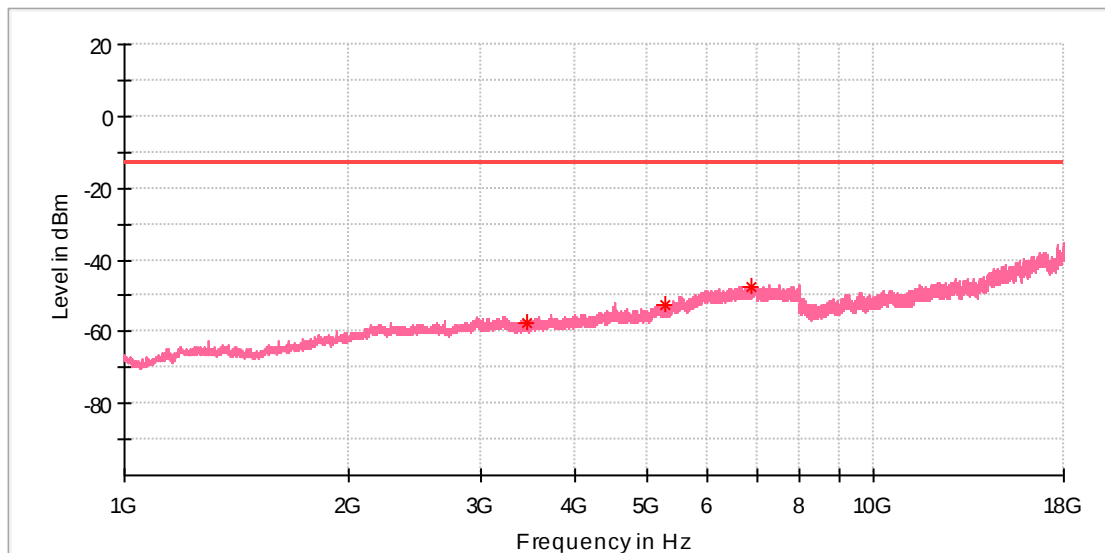
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3600.500000	-48.45	-13.00	35.45	100.0	H	123.0	-86.8
5431.000000	-45.28	-13.00	32.28	100.0	H	221.0	-83.8
9240.000000	-48.91	-13.00	35.91	100.0	H	164.0	-84.0

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



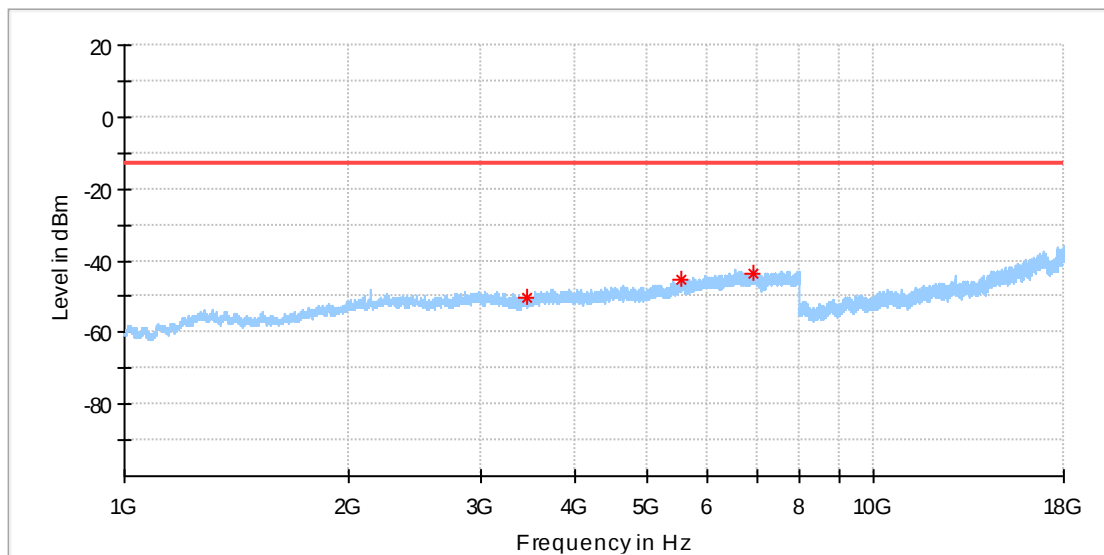
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3444.000000	-57.55	-13.00	44.55	100.0	V	329.0	-87.5
5267.500000	-52.45	-13.00	39.45	100.0	V	10.0	-85.1
6868.500000	-47.39	-13.00	34.39	100.0	V	10.0	-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



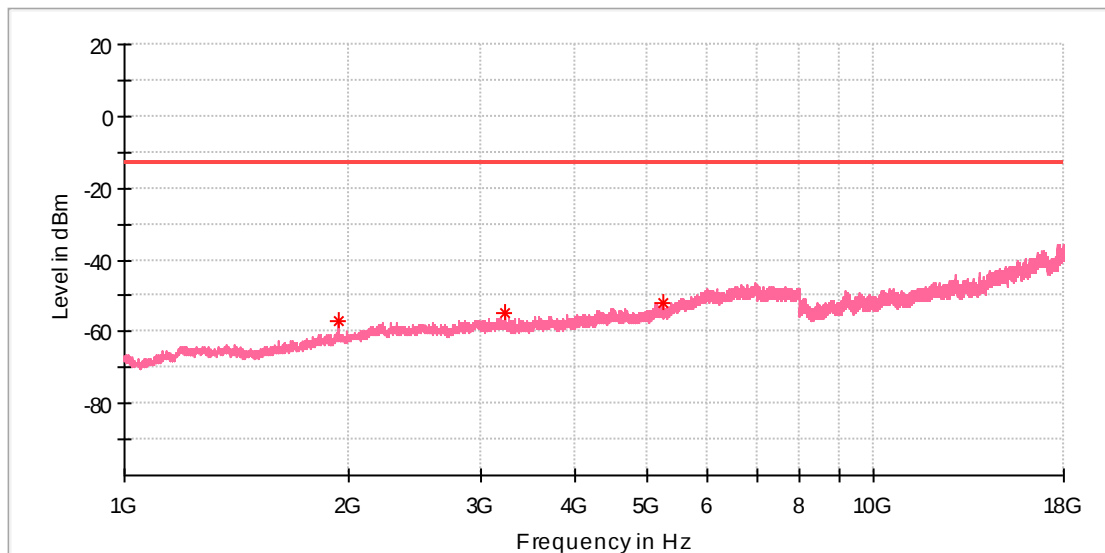
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3458.500000	-50.52	-13.00	37.52	100.0	H	294.0	-88.0
5550.500000	-45.11	-13.00	32.11	100.0	H	294.0	-83.2
6924.000000	-43.71	-13.00	30.71	100.0	H	51.0	-81.0

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



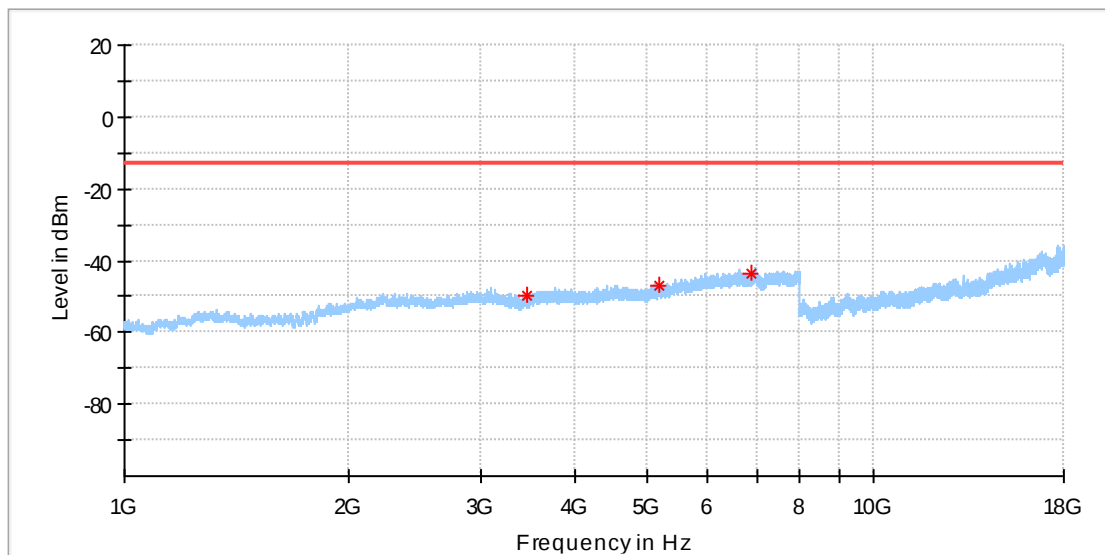
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1930.000000	-57.18	-13.00	44.18	100.0	V	242.0	-89.5
3216.500000	-54.95	-13.00	41.95	100.0	V	185.0	-87.2
5261.000000	-51.80	-13.00	38.80	100.0	V	338.0	-85.0

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



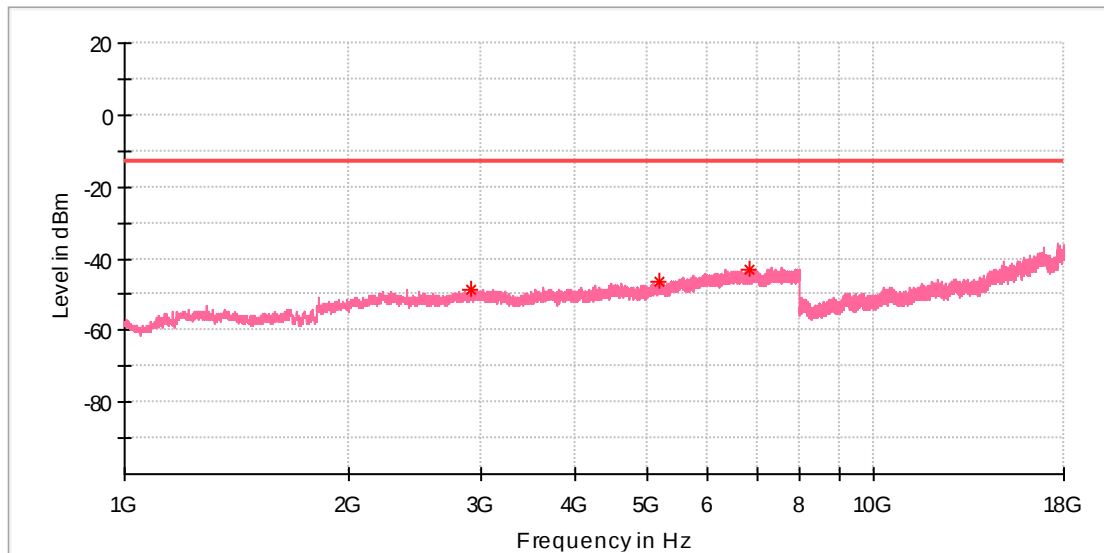
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3442.500000	-49.55	-13.00	36.55	100.0	H	28.0	-87.8
5196.500000	-46.75	-13.00	33.75	100.0	H	111.0	-84.8
6863.000000	-43.67	-13.00	30.67	100.0	H	320.0	-81.3

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
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)
2908.000000	-48.61	-13.00	35.61	100.0	V	271.0	-87.2
5169.500000	-46.24	-13.00	33.24	100.0	V	291.0	-84.6
6846.000000	-43.31	-13.00	30.31	100.0	V	187.0	-81.4

Appendix L.3: Field Strength of Spurious Radiation for Band 5

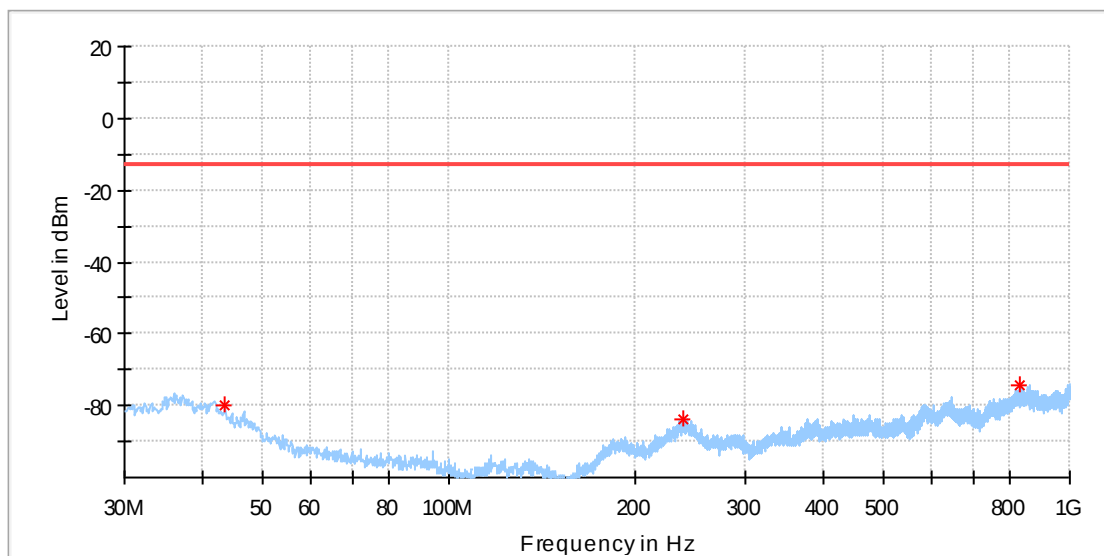
Below 1 GHz

BPSK

Test Report

EUT Information

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



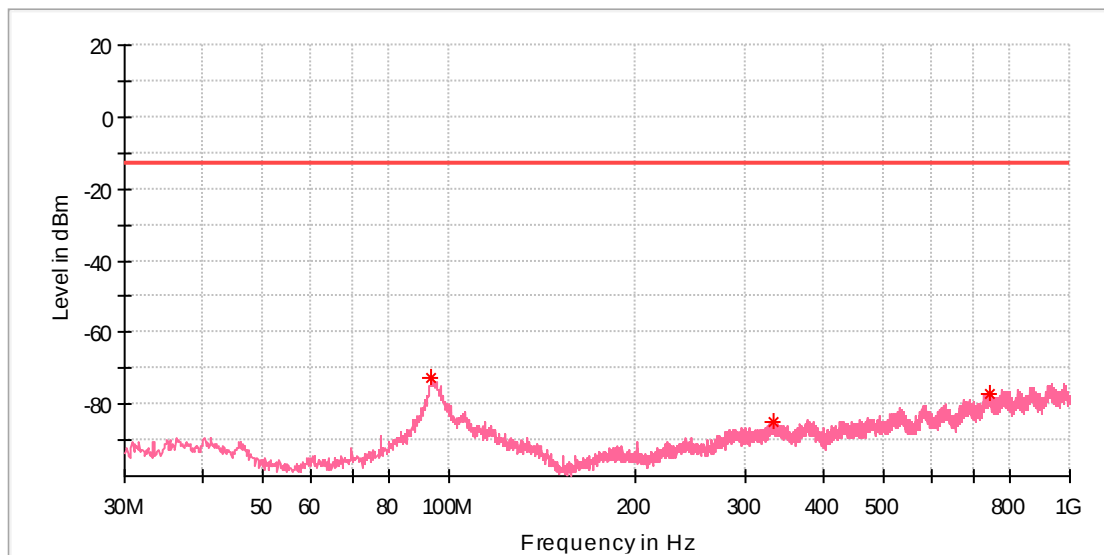
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
43.580000	-79.91	-13.00	66.91	100.0	H	259.0	-113.8
238.307500	-83.94	-13.00	70.94	100.0	H	28.0	-110.8
828.310000	-74.41	-13.00	61.41	100.0	H	349.0	-101.9

Test Report

EUT Information

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



Critical Freqs

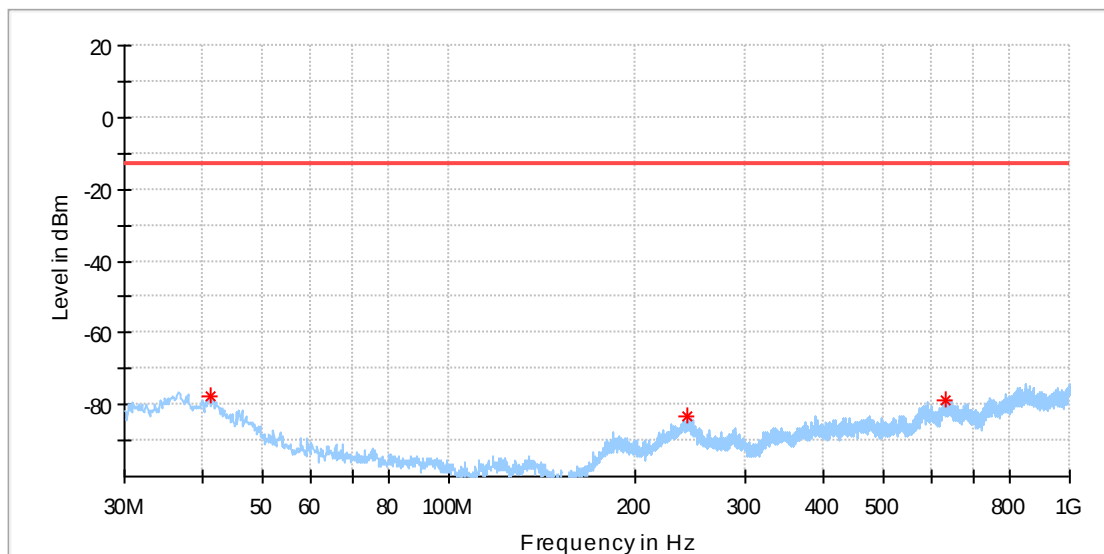
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.413750	-72.62	-13.00	59.62	100.0	V	276.0	-101.0
333.852500	-85.03	-13.00	72.03	100.0	V	159.0	-111.8
742.707500	-77.04	-13.00	64.04	100.0	V	352.0	-102.0

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



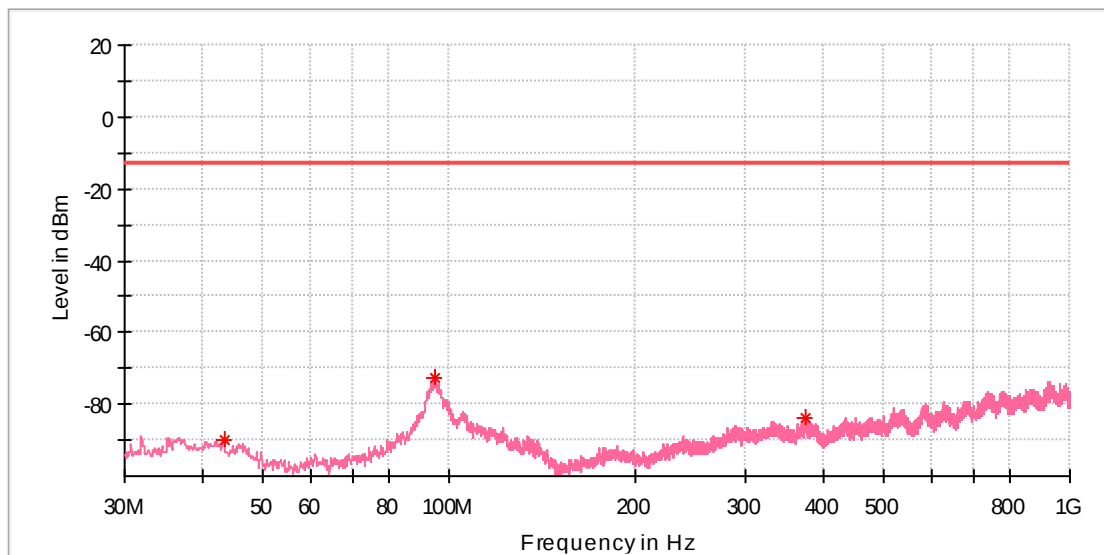
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.155000	-77.59	-13.00	64.59	100.0	H	40.0	-112.2
241.460000	-83.29	-13.00	70.29	100.0	H	31.0	-110.2
631.400000	-78.86	-13.00	65.86	100.0	H	49.0	-105.0

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

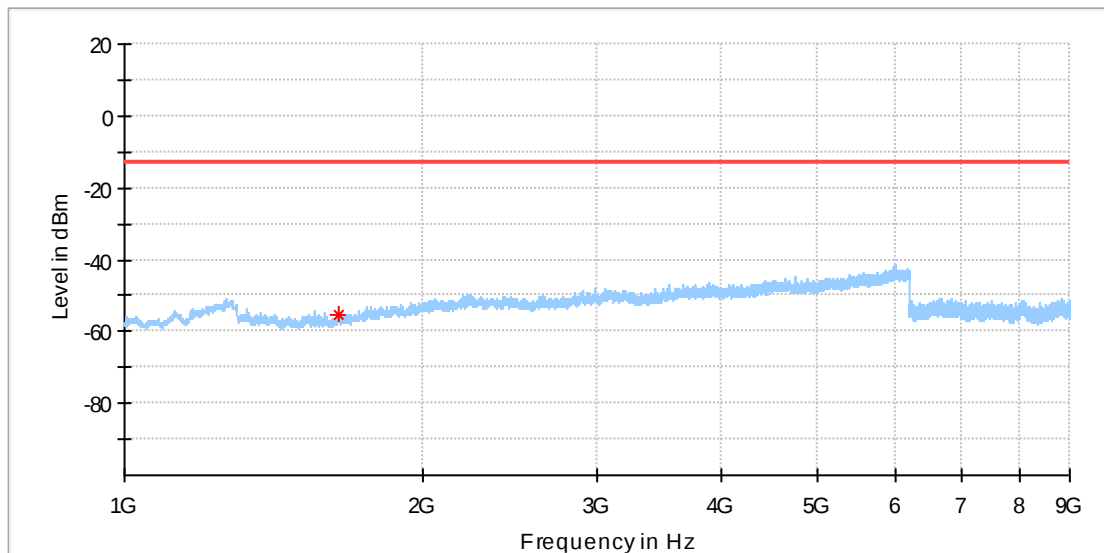
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
43.337500	-89.76	-13.00	76.76	100.0	V	0.0	-124.0
95.111250	-72.83	-13.00	59.83	100.0	V	330.0	-99.6
374.350000	-83.89	-13.00	70.89	100.0	V	355.0	-110.9

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)
1648.000000	-55.28	---	-13.00	42.28	100.0	H	72.0	-92.4

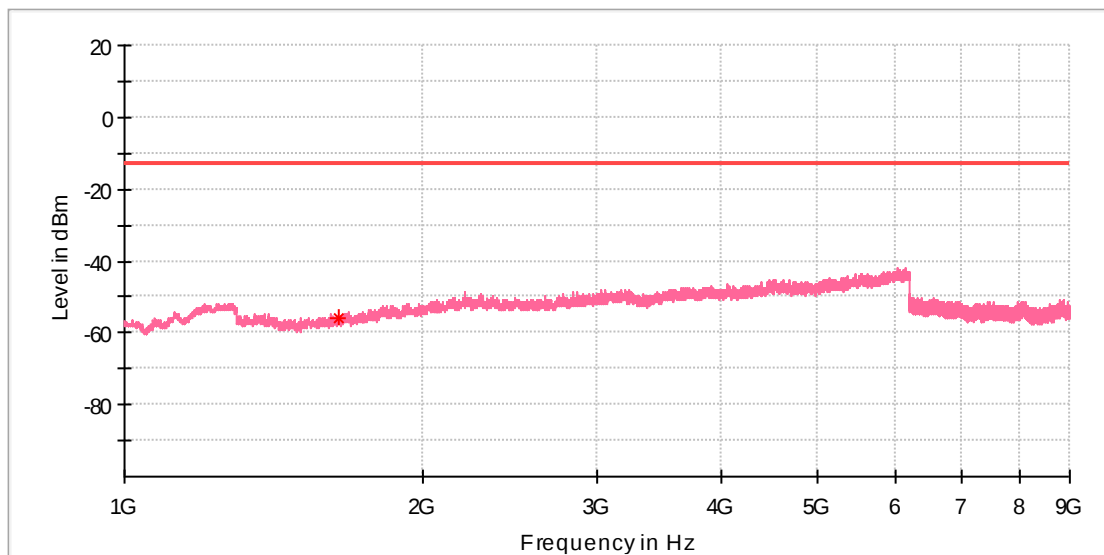
Final_Result

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 3.75kHzQPSK 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)
1648.500000	-55.65	---	-13.00	42.65	100.0	V	270.0	-92.4

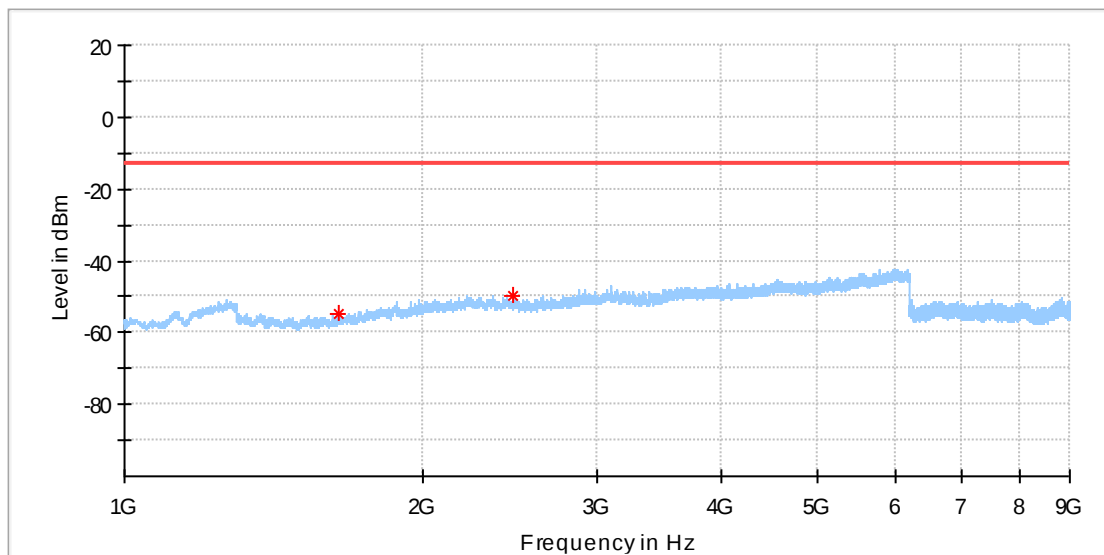
Final_Result

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)
1648.000000	-54.68	---	-13.00	41.68	100.0	H	78.0	-92.4
2470.000000	-49.53	---	-13.00	36.53	100.0	H	316.0	-87.9

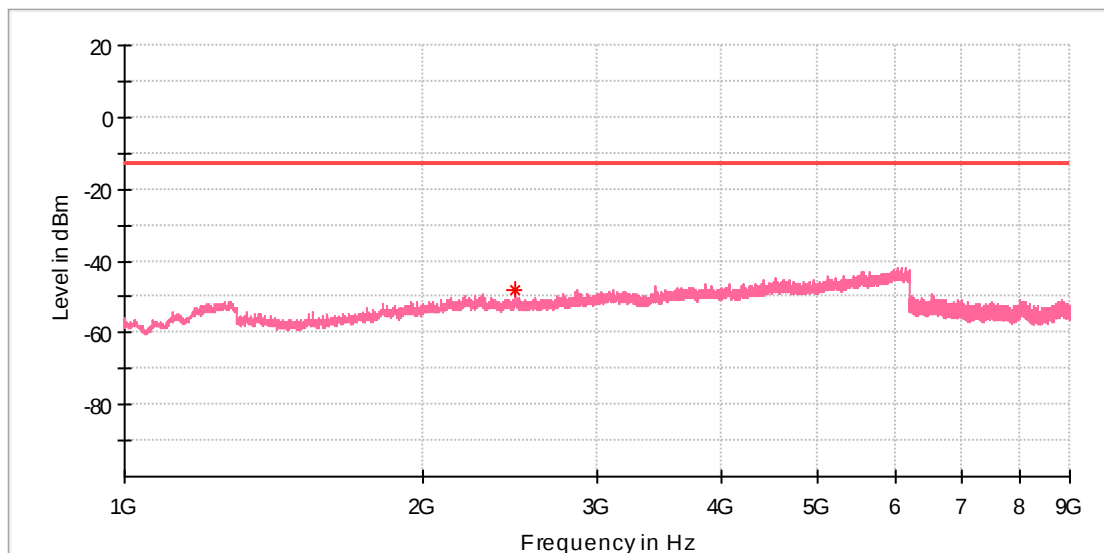
Final_Result

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

Test Report

EUT Information

EUT Name: DATA TERMINAL MODULE
Model: ME310G1-WW
Test Mode: TX 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)
2480.000000	-48.04	---	-13.00	35.04	100.0	V	356.0	-88.0

Final_Result

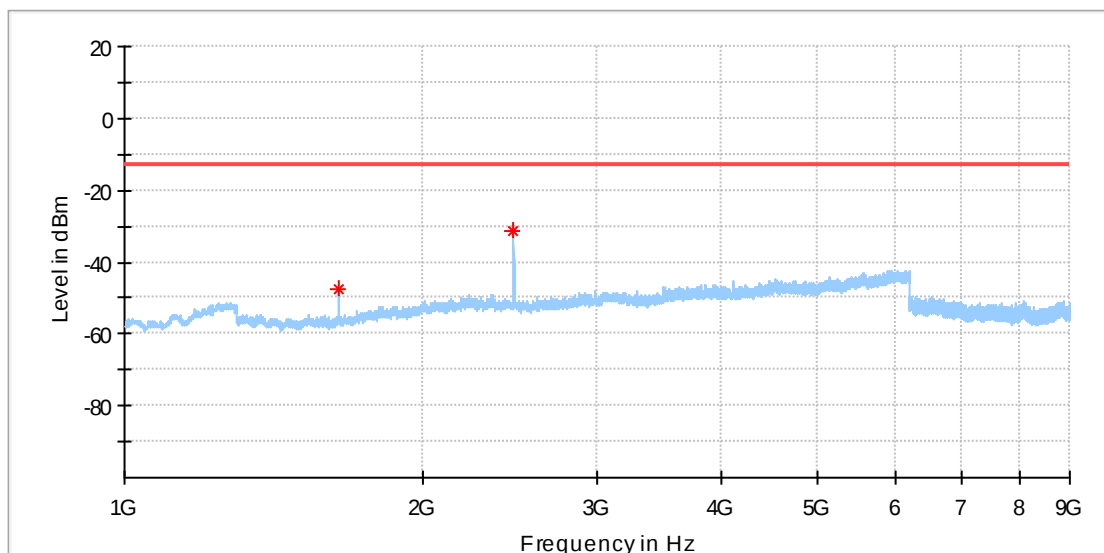
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

15 kHz

Test Report

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VV
Test Mode:	TX Low 15kHz BPSK 1@0
Test Voltage::	DC 3.8V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



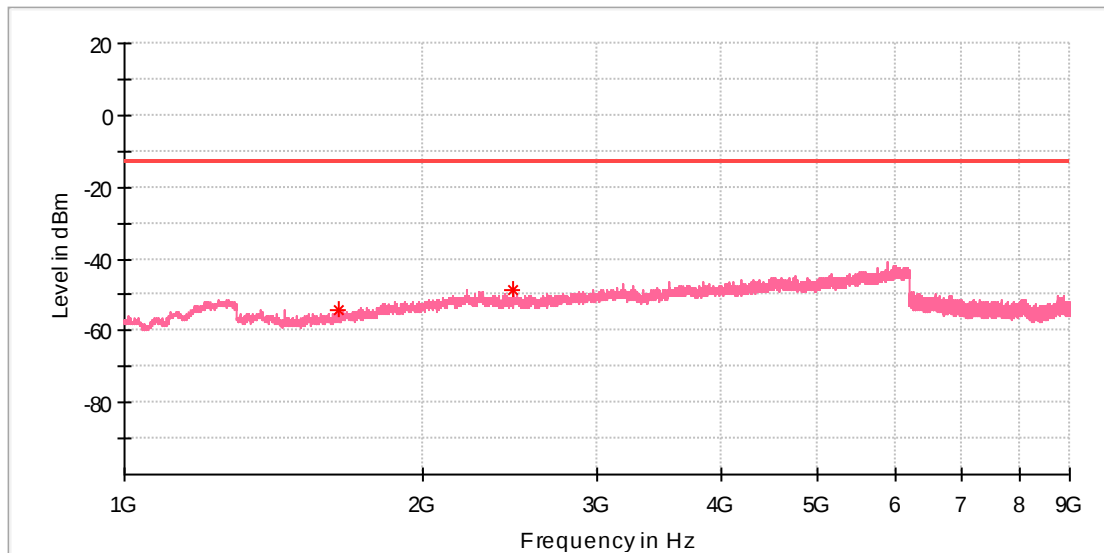
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-47.51	-13.00	34.51	100.0	H	314.0	-92.4
2472.000000	-31.32	-13.00	18.32	100.0	H	314.0	-87.9

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



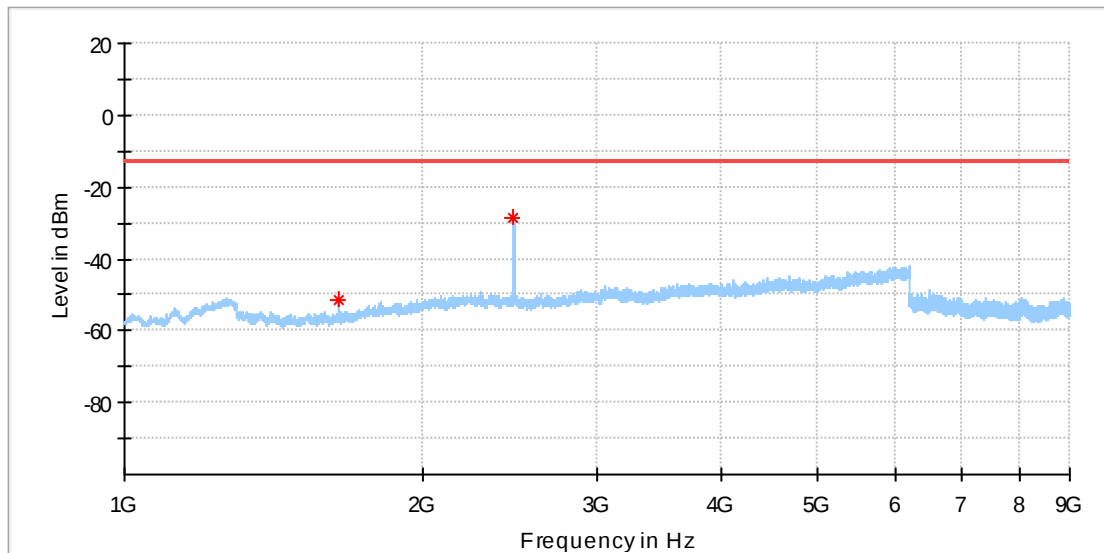
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-54.09	-13.00	41.09	100.0	V	94.0	-92.4
2472.000000	-48.80	-13.00	35.80	100.0	V	46.0	-88.0

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



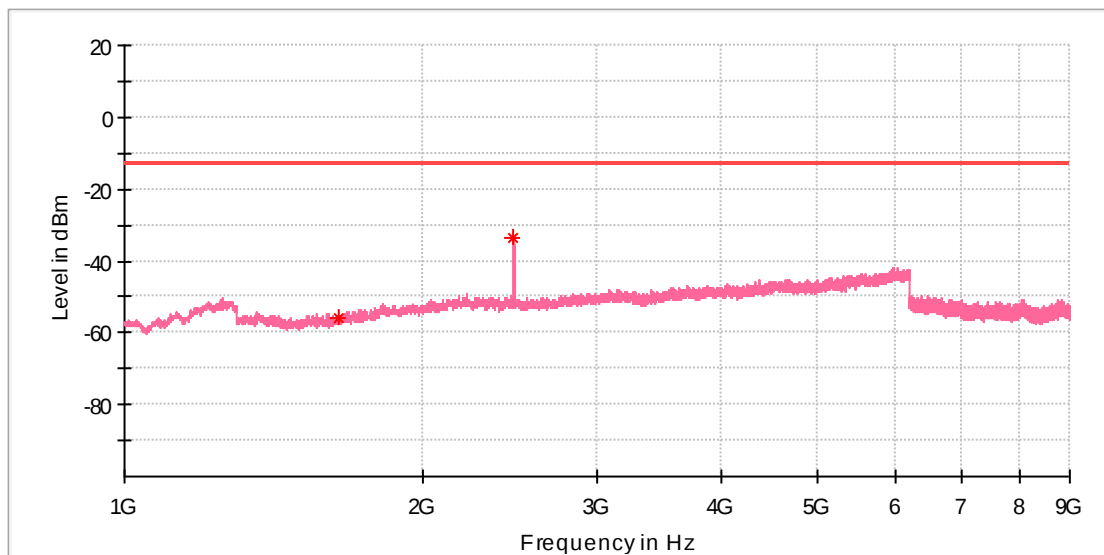
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-51.32	-13.00	38.32	100.0	H	302.0	-92.4
2472.500000	-28.38	-13.00	15.38	100.0	H	302.0	-87.9

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



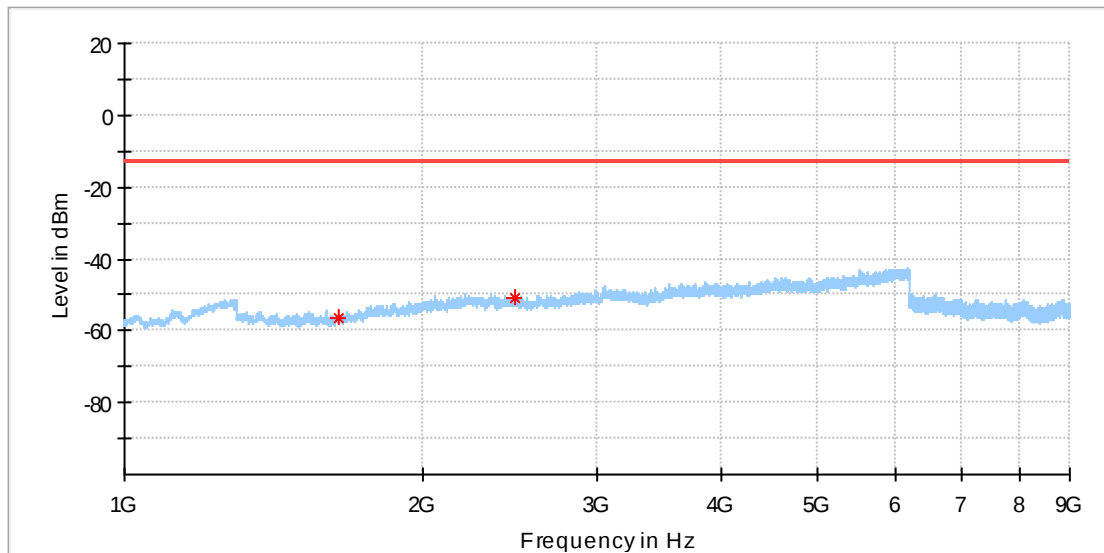
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-55.86	-13.00	42.86	100.0	V	51.0	-92.4
2472.000000	-33.38	-13.00	20.38	100.0	V	183.0	-88.0

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



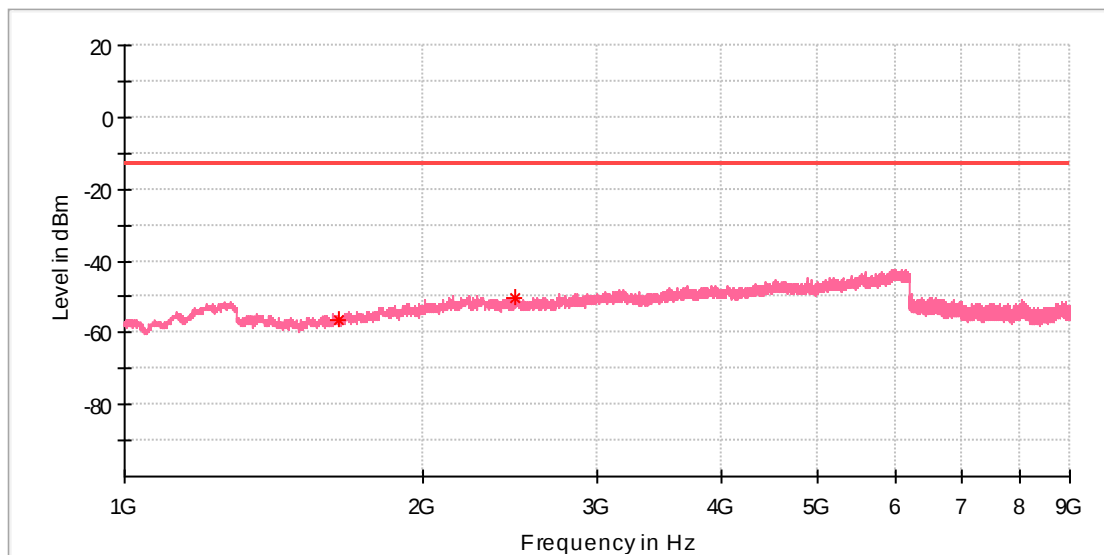
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-56.31	-13.00	43.31	100.0	H	91.0	-92.4
2474.500000	-50.63	-13.00	37.63	100.0	H	77.0	-88.0

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 22 Humi:52%
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)
1647.000000	-56.37	-13.00	43.37	100.0	V	51.0	-92.4
2478.500000	-50.18	-13.00	37.18	100.0	V	253.0	-88.0

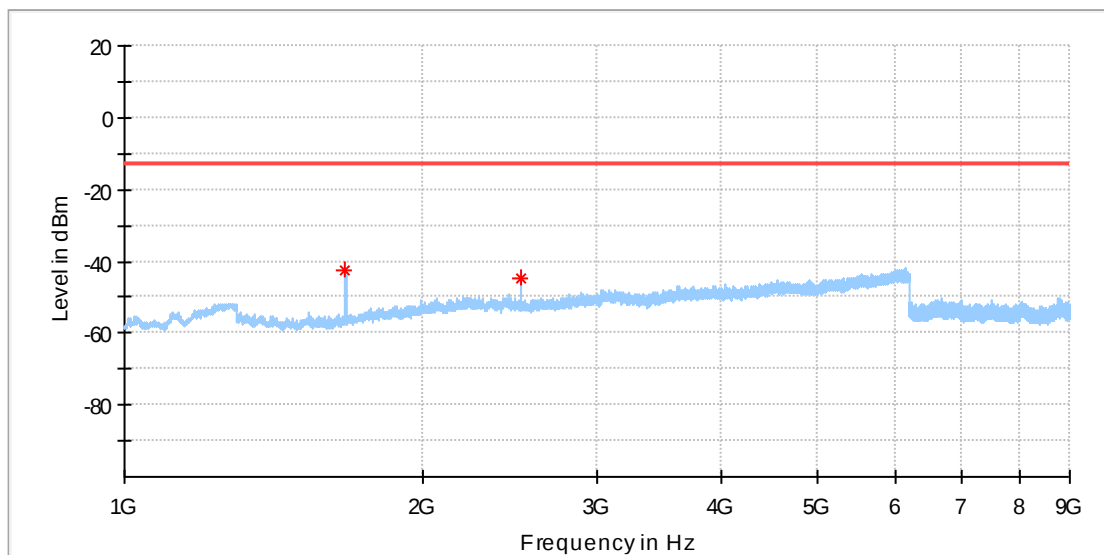
Produkte
Products

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)
1672.500000	-42.68	---	-13.00	29.68	100.0	H	73.0	-92.5
2509.000000	-44.76	---	-13.00	31.76	100.0	H	0.0	-88.3

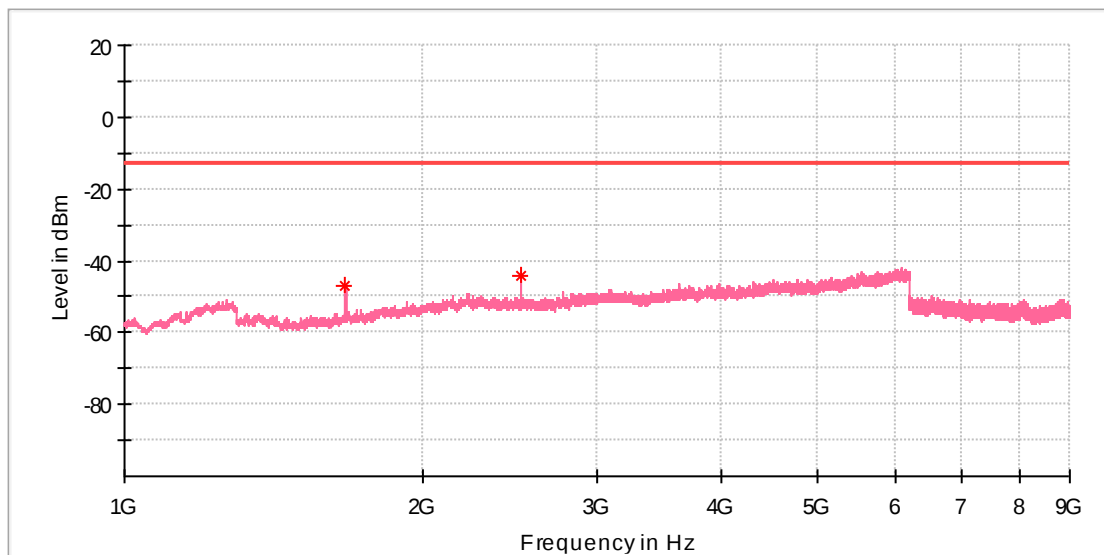
Final_Result

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 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	-46.74	---	-13.00	33.74	100.0	V	312.0	-92.2
2509.000000	-44.04	---	-13.00	31.04	100.0	V	45.0	-88.2

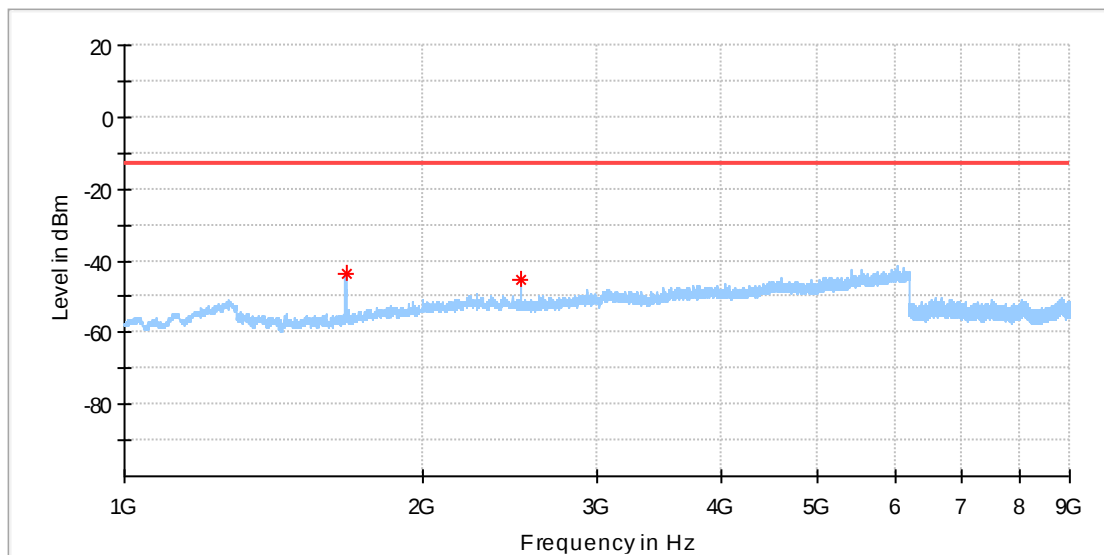
Final_Result

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	-43.77	---	-13.00	30.77	100.0	H	86.0	-92.5
2509.500000	-45.57	---	-13.00	32.57	100.0	H	343.0	-88.3

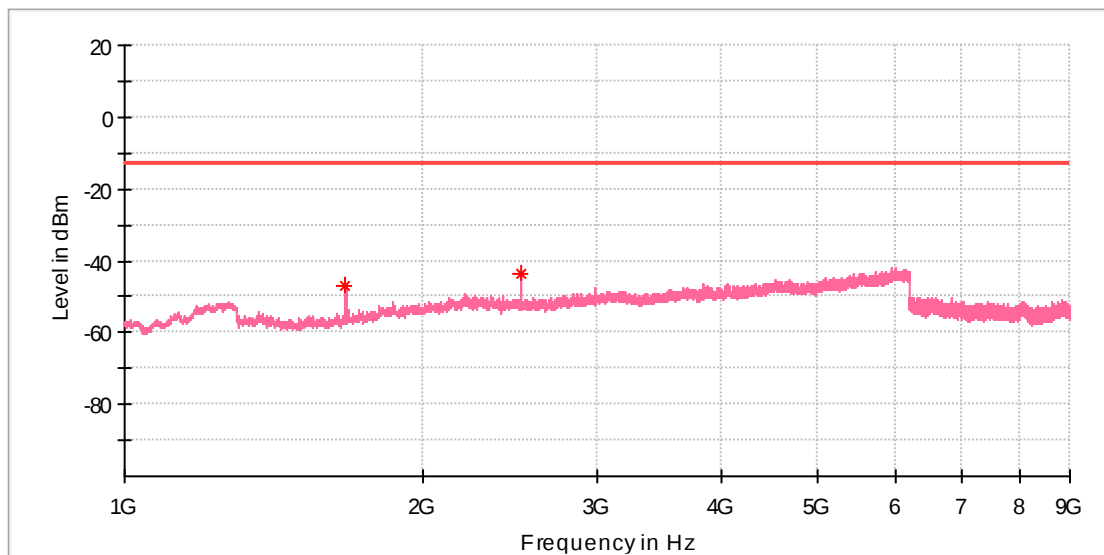
Final_Result

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 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	-47.04	---	-13.00	34.04	100.0	V	309.0	-92.2
2509.500000	-43.44	---	-13.00	30.44	100.0	V	0.0	-88.2

Final Result

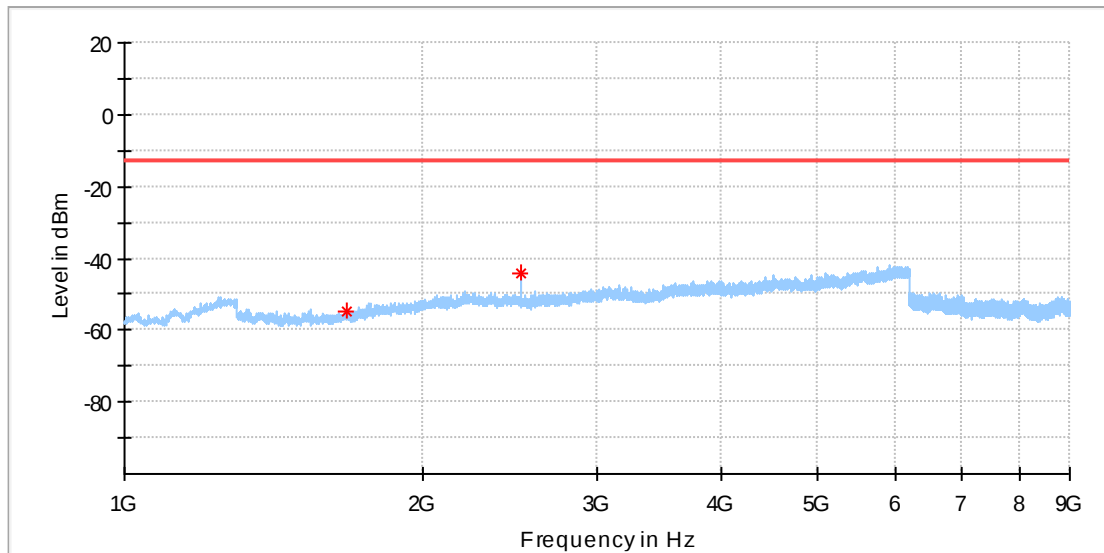
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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 22 Humi:52%
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)
1673.000000	-55.03	-13.00	42.03	100.0	H	337.0	-92.5
2509.500000	-44.27	-13.00	31.27	100.0	H	52.0	-88.3

Test Report

EUT Information

EUT Name:

Model:

Test Mode:

Test Voltage::

Remark:

Test Standard:

Tested By:

Reviewed By:

DATA TERMINAL MODULE

ME310G1-WW

TX Mid 15kHz BPSK 1@0

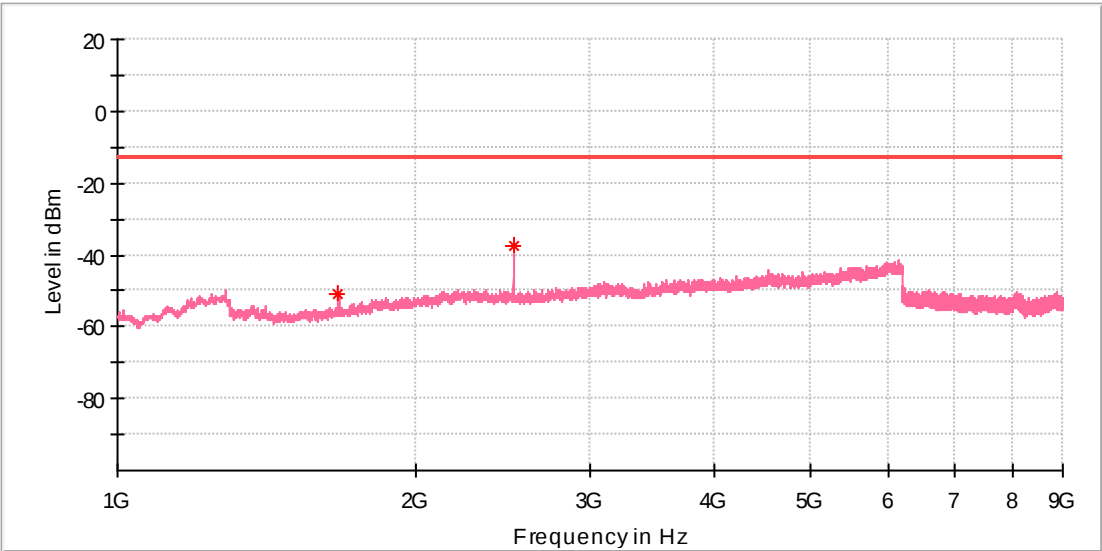
DC 3.8V

Temp 22 Humi:52%

FCC Part 22 and RSS-132 Issue 3

Kei Zhang

Terry Yin



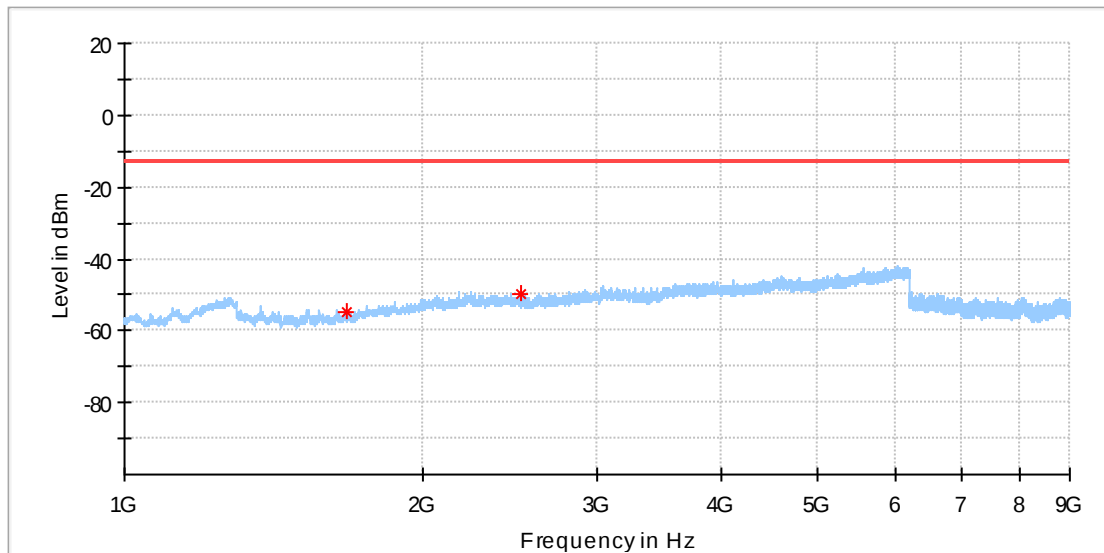
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-50.92	-13.00	37.92	100.0	V	184.0	-92.2
2509.500000	-37.47	-13.00	24.47	100.0	V	212.0	-88.2

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



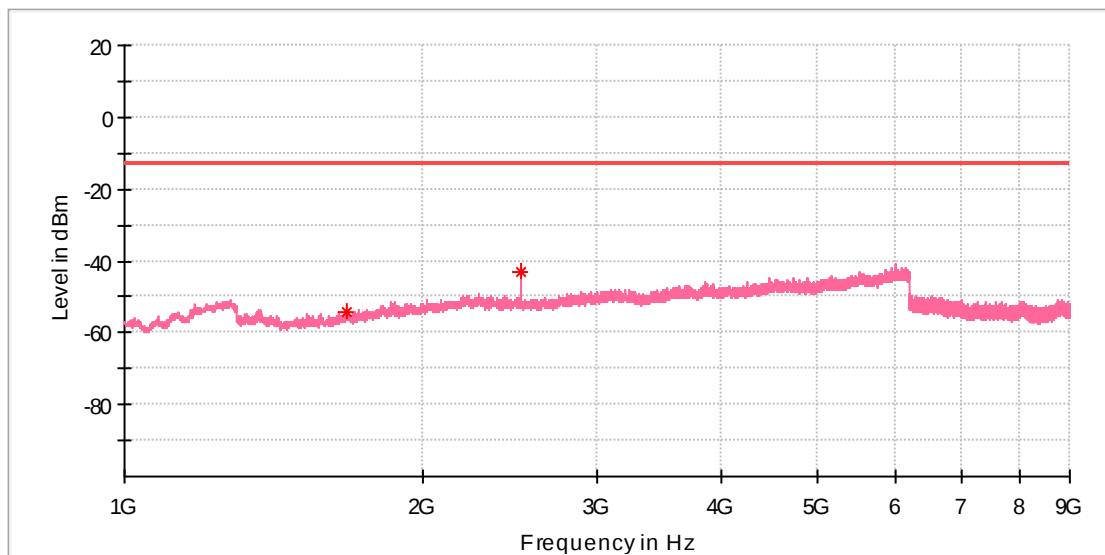
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.000000	-54.87	-13.00	41.87	100.0	H	230.0	-92.5
2509.500000	-49.61	-13.00	36.61	100.0	H	15.0	-88.3

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



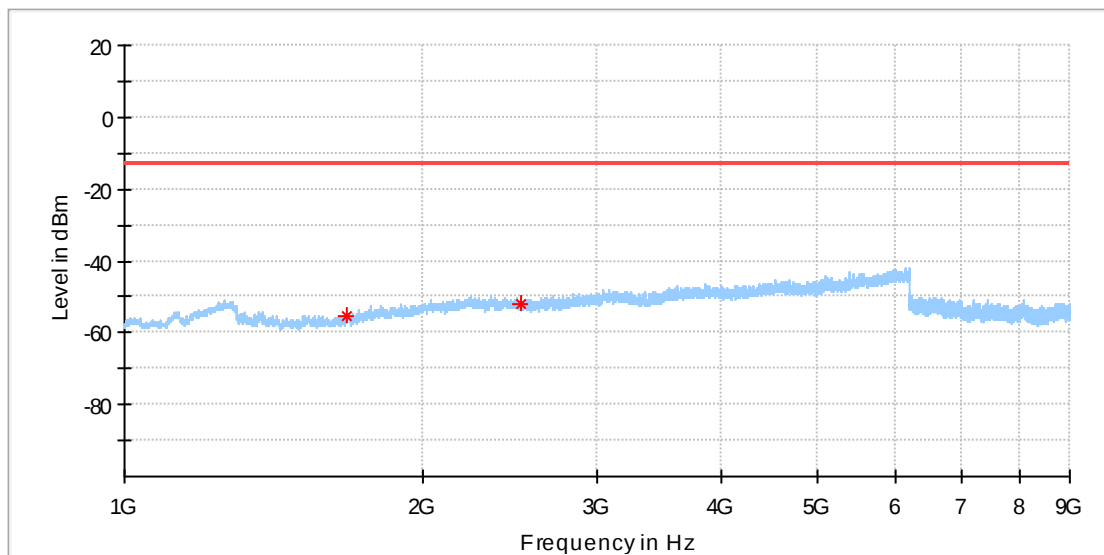
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.500000	-54.08	-13.00	41.08	100.0	V	11.0	-92.2
2509.500000	-43.05	-13.00	30.05	100.0	V	227.0	-88.2

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



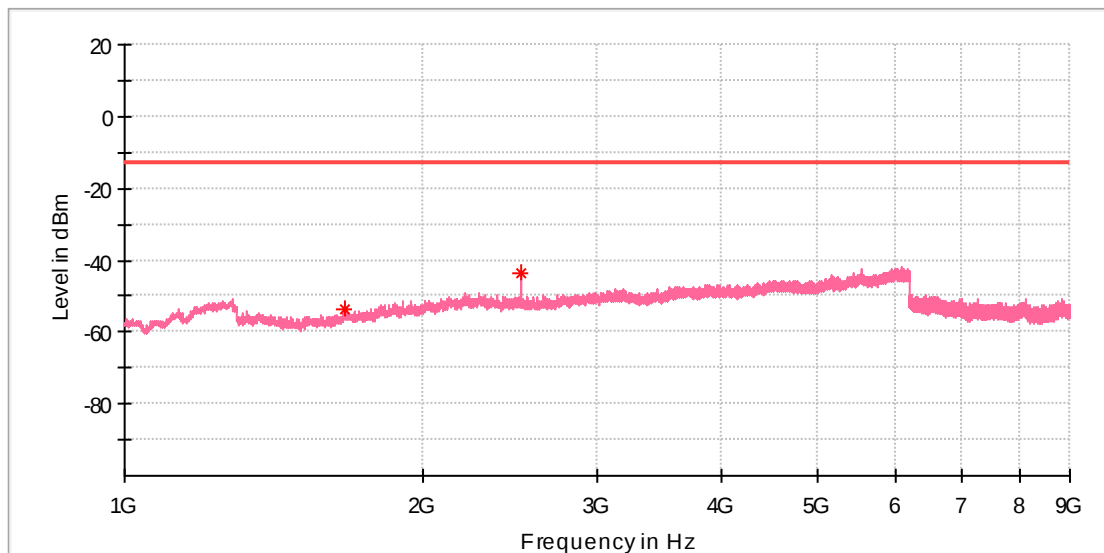
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1675.000000	-55.13	-13.00	42.13	100.0	H	255.0	-92.5
2509.500000	-51.74	-13.00	38.74	100.0	H	192.0	-88.3

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 22 Humi:52%
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)
1672.500000	-53.76	-13.00	40.76	100.0	V	36.0	-92.2
2510.000000	-43.90	-13.00	30.90	100.0	V	293.0	-88.2

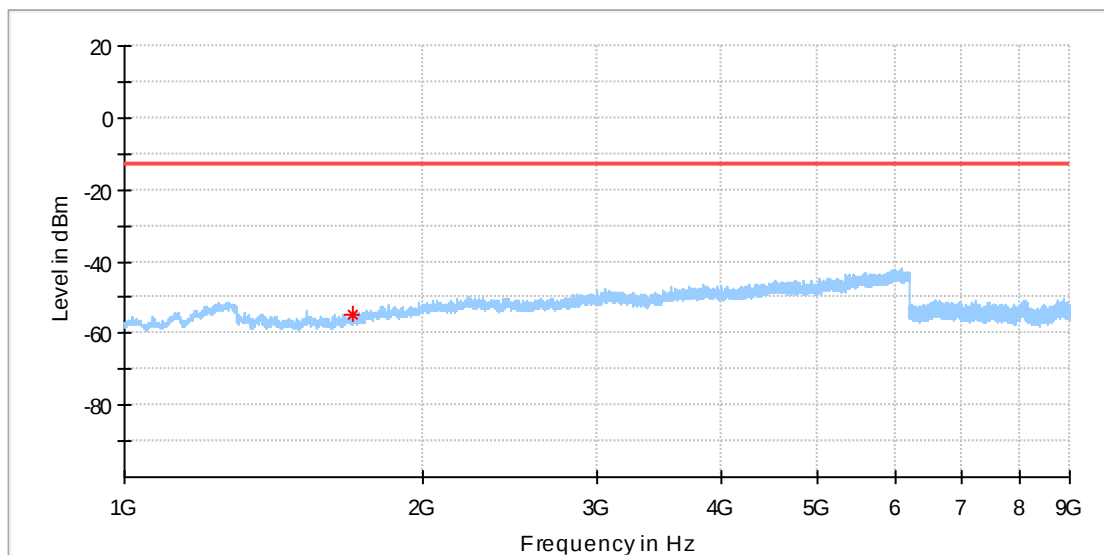
Produkte
Products

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)
1697.000000	-54.72	---	-13.00	41.72	100.0	H	30.0	-92.4

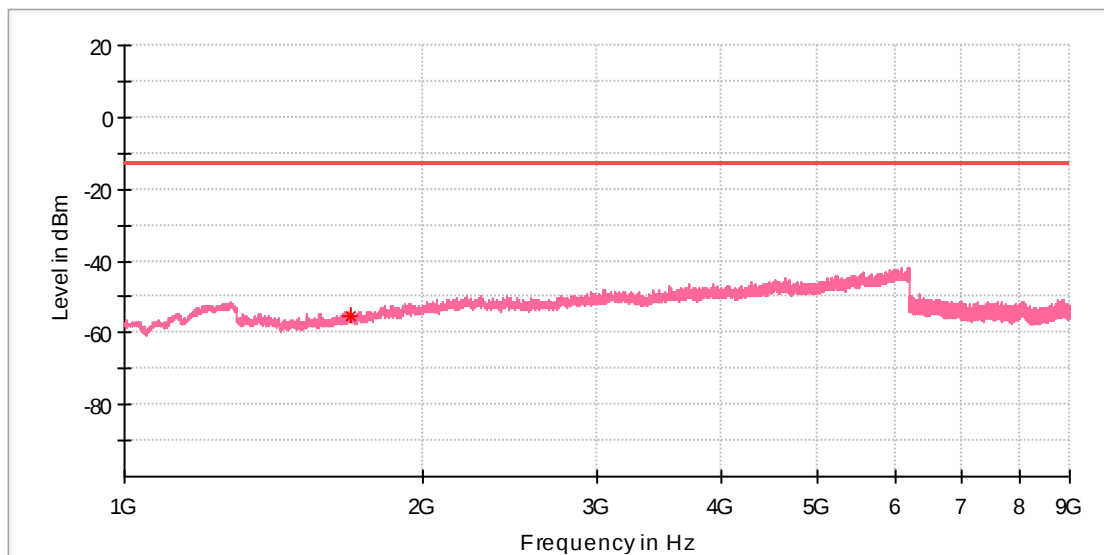
Final Result

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)
1694.000000	-55.36	---	-13.00	42.36	100.0	V	347.0	-92.1

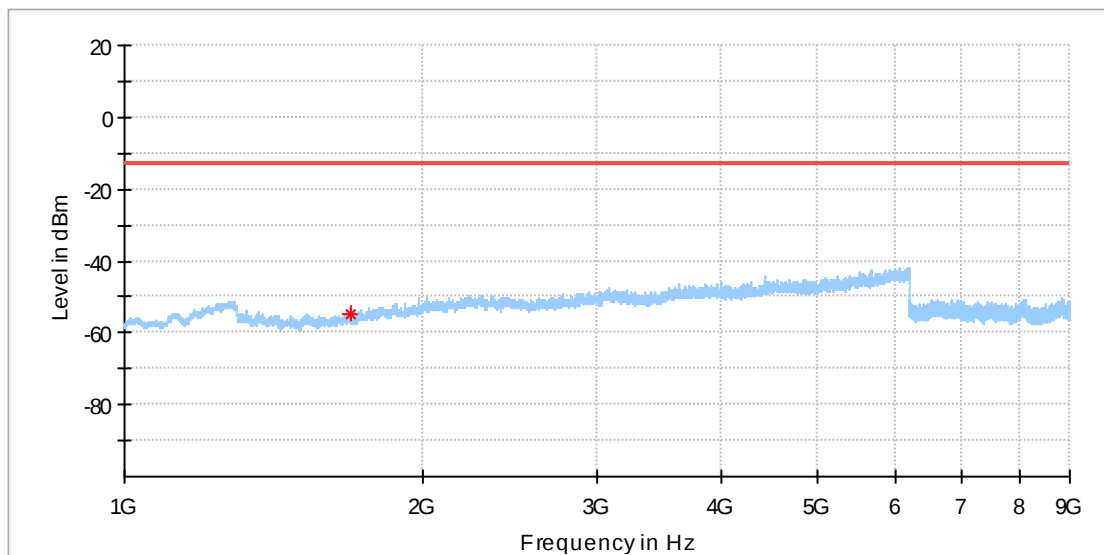
Final_Result

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)
1694.500000	-54.83	---	-13.00	41.83	100.0	H	272.0	-92.4

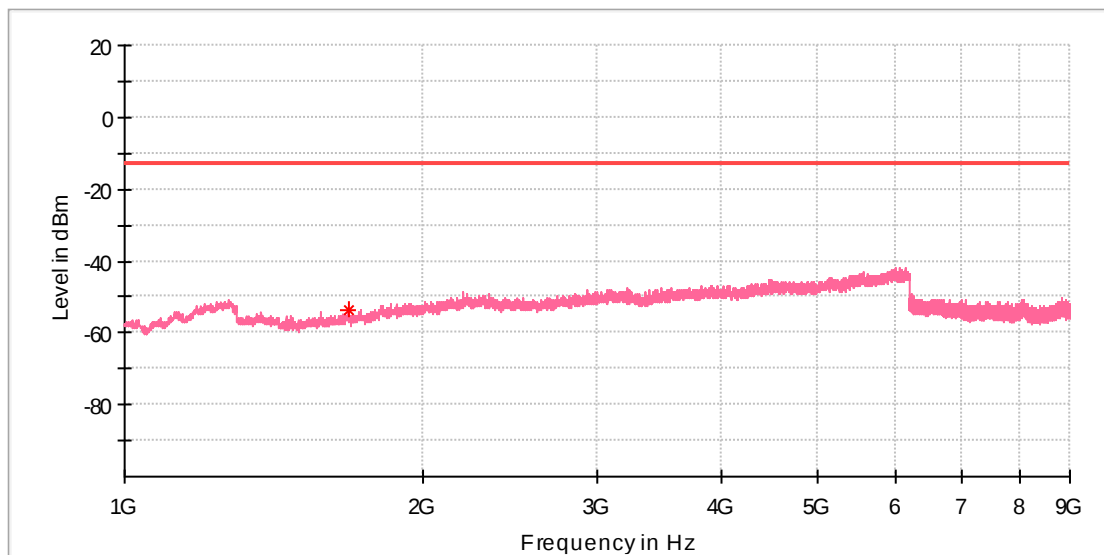
Final_Result

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)
1680.500000	-53.66	---	-13.00	40.66	100.0	V	311.0	-92.1

Final_Result

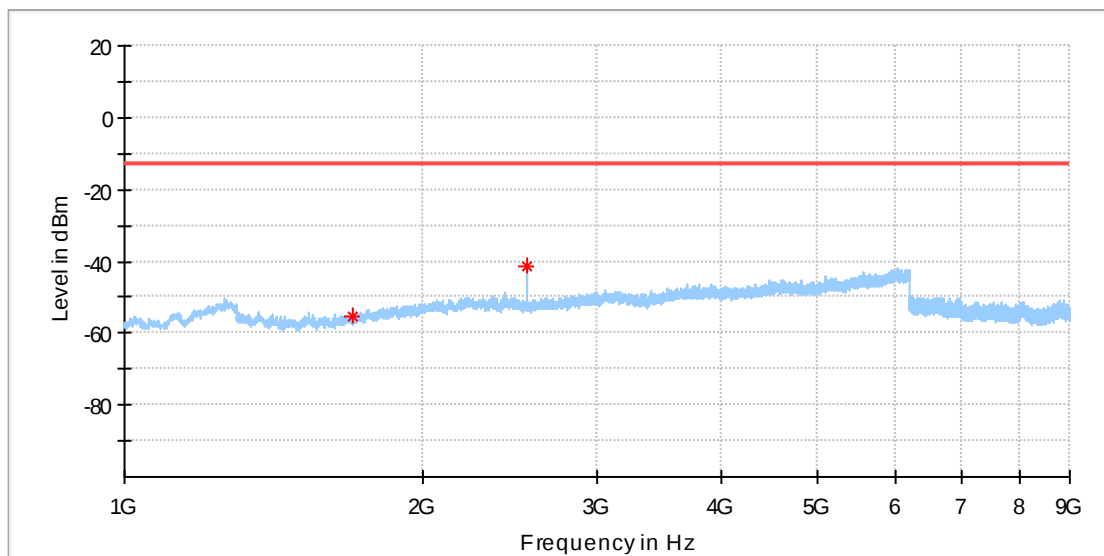
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



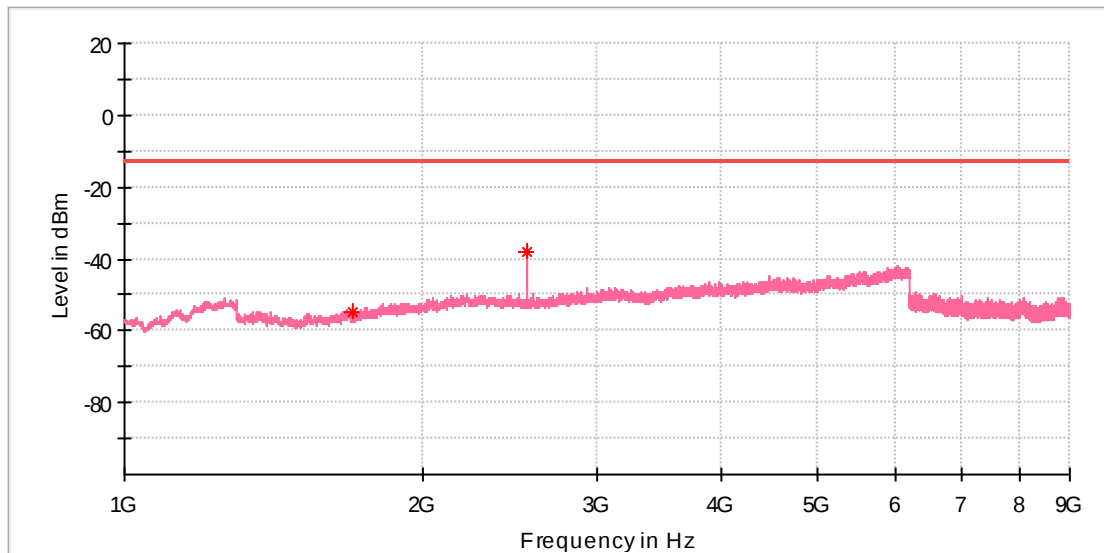
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.000000	-55.62	-13.00	42.62	100.0	H	309.0	-92.4
2546.500000	-41.24	-13.00	28.24	100.0	H	302.0	-88.3

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



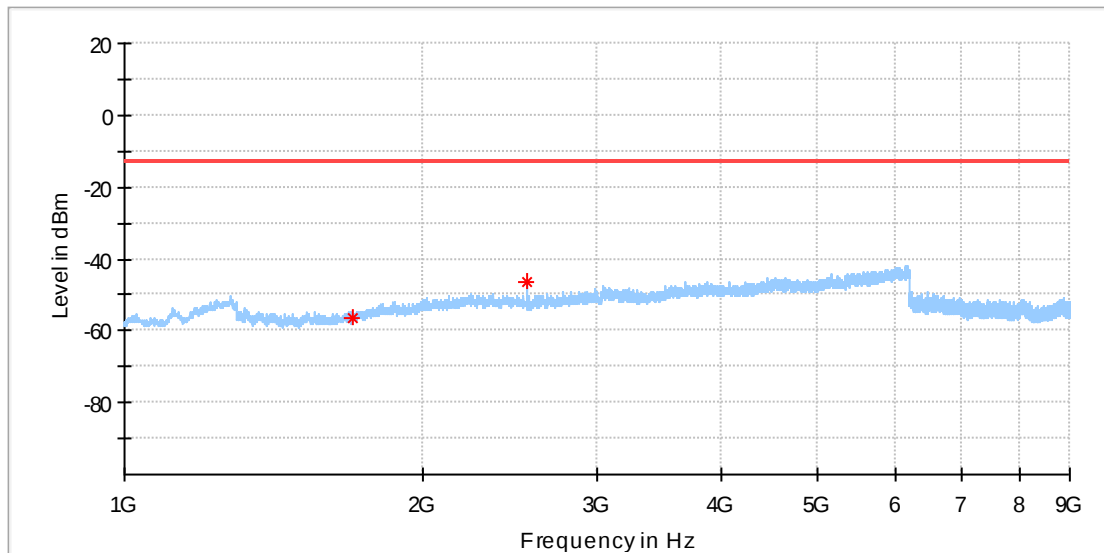
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1700.500000	-54.98	-13.00	41.98	100.0	V	239.0	-92.0
2546.000000	-38.24	-13.00	25.24	100.0	V	23.0	-88.4

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 22 Humi:52%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



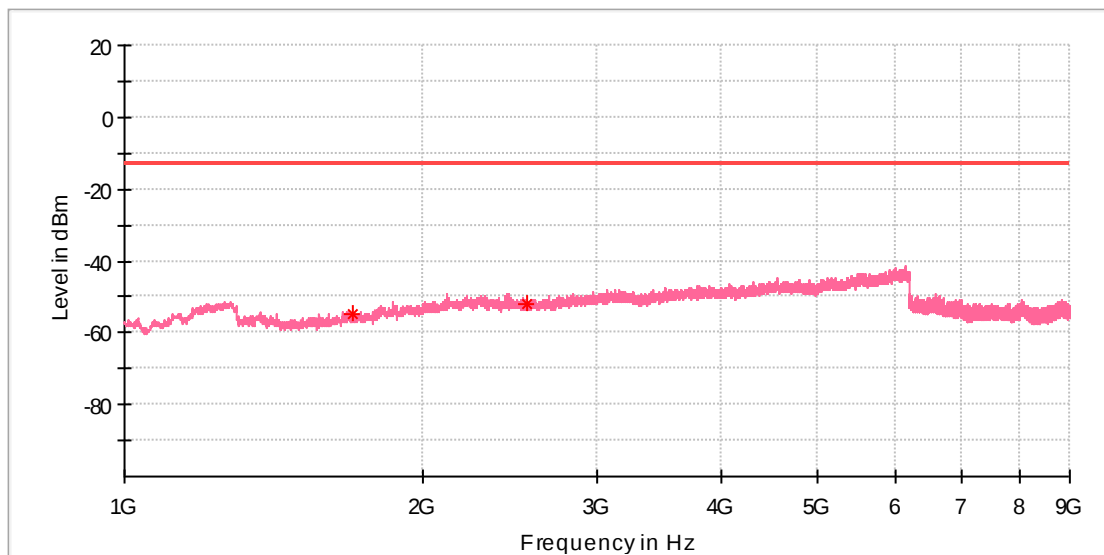
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1698.000000	-56.22	-13.00	43.22	100.0	H	51.0	-92.4
2546.500000	-46.58	-13.00	33.58	100.0	H	44.0	-88.3

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 22 Humi:52%
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)
1699.500000	-54.51	-13.00	41.51	100.0	V	129.0	-92.1
2547.000000	-52.16	-13.00	39.16	100.0	V	254.0	-88.4