

Appendix B: Test Results of Field Strength of Spurious Radiation for GPRS/EGPRS operation

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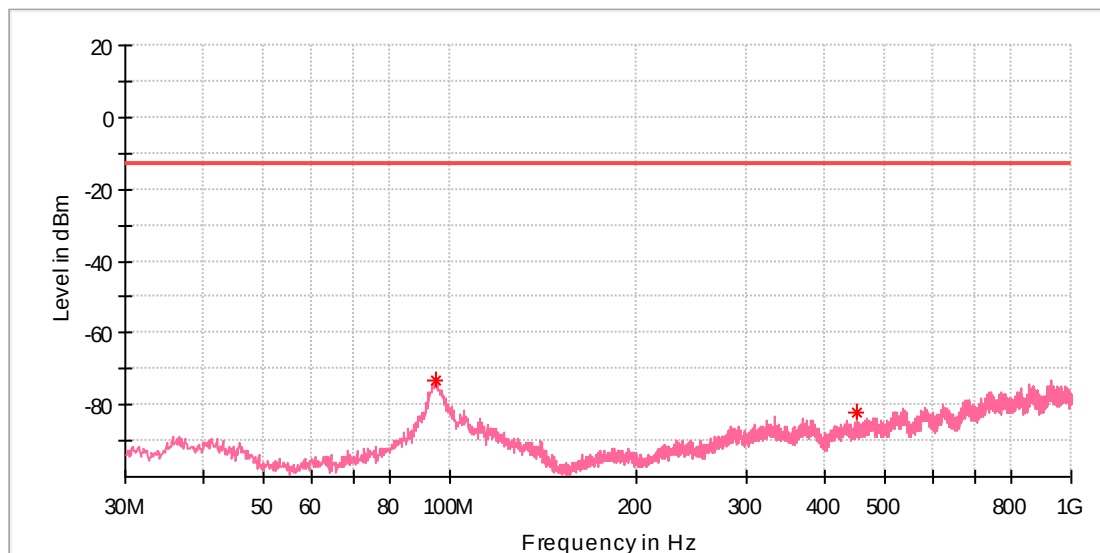
Appendix B.1: Field Strength of Spurious Radiation for GPRS/EGPRS 850

All configurations have been tested and only the worst-case data are reported.

Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-VW
Test Mode:	TX High GPRS850 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

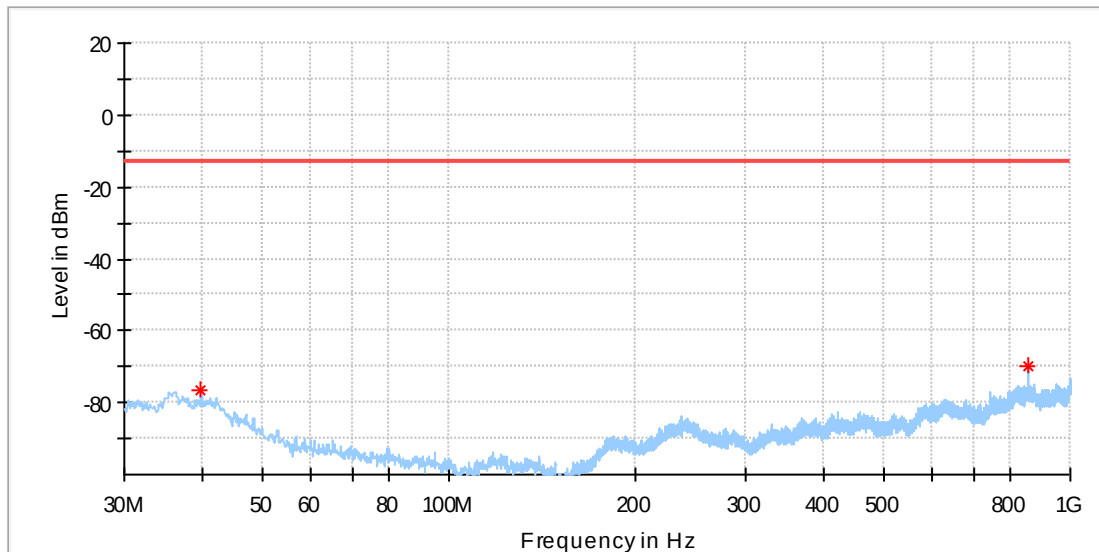


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.747500	-73.00	-13.00	60.00	100.0	V	69.0	-99.6
450.858750	-82.36	-13.00	69.36	100.0	V	123.0	-109.8

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX High GPRS850 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

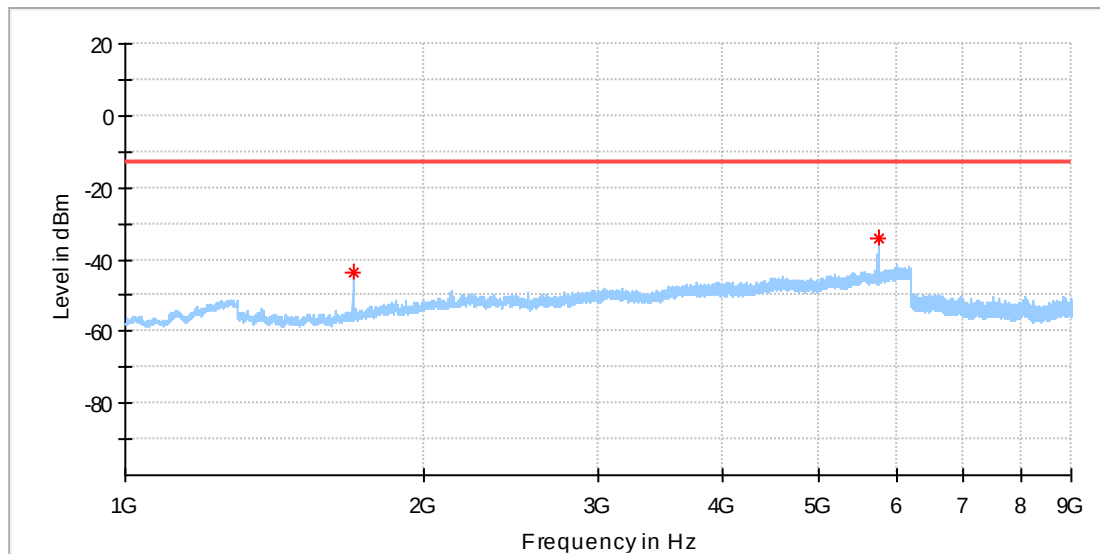
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
39.821250	-76.66	-13.00	63.66	100.0	H	349.0	-113.4
852.681250	-70.05	-13.00	57.05	100.0	H	102.0	-100.2

Produkte
Products

Above 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High GPRS850 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



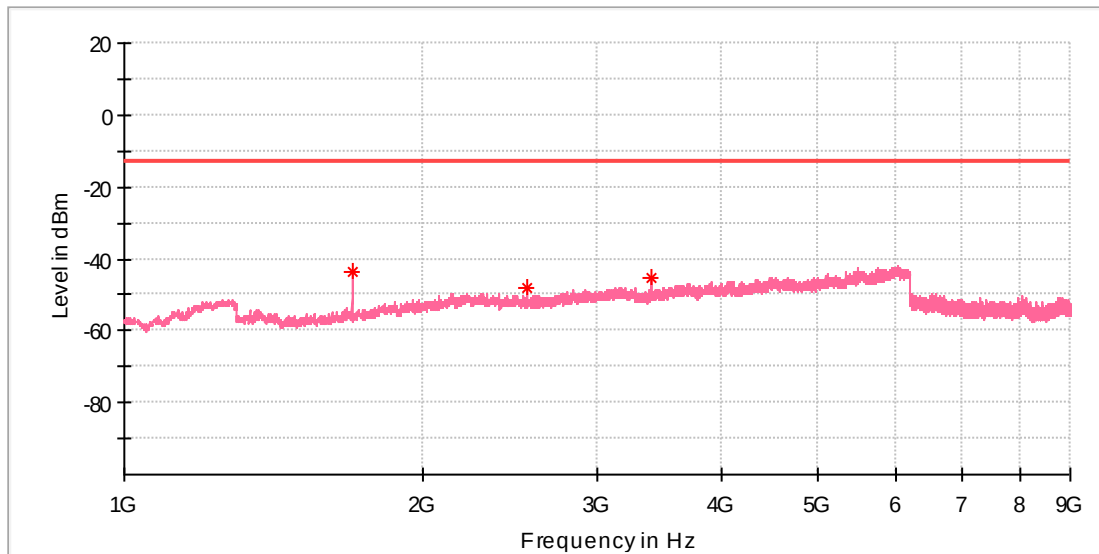
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
5747.500000	-34.37	-13.00	21.37	100.0	H	162.0	-81.7
1697.500000	-43.44	-13.00	30.44	100.0	H	155.0	-92.4

Produkte
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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High GPRS850 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

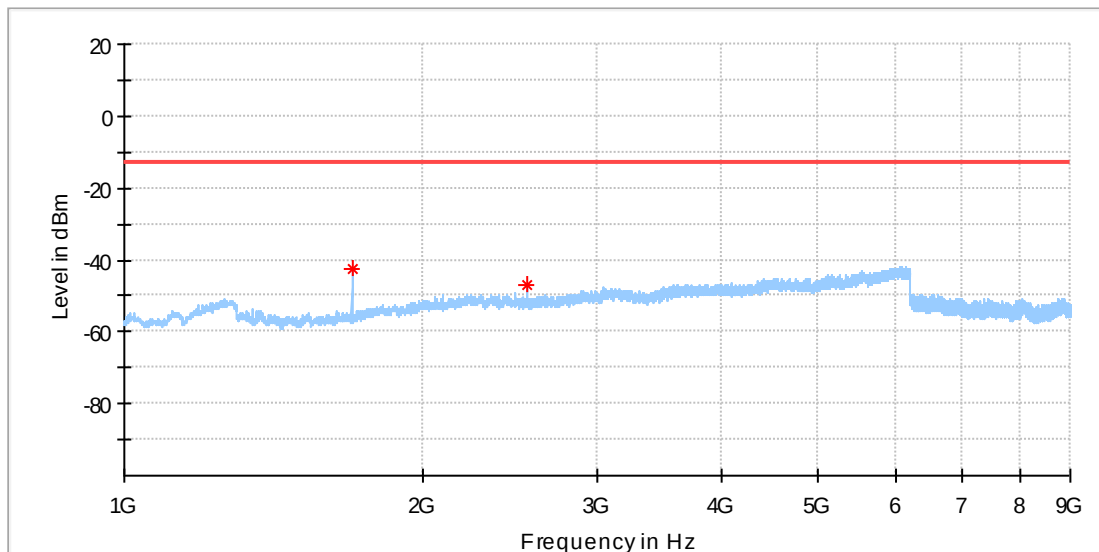


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-43.64	-13.00	30.64	100.0	V	276.0	-92.1
2546.000000	-47.83	-13.00	34.83	100.0	V	88.0	-88.4
3395.500000	-45.17	-13.00	32.17	100.0	V	81.0	-87.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High EGPRS850 8PSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



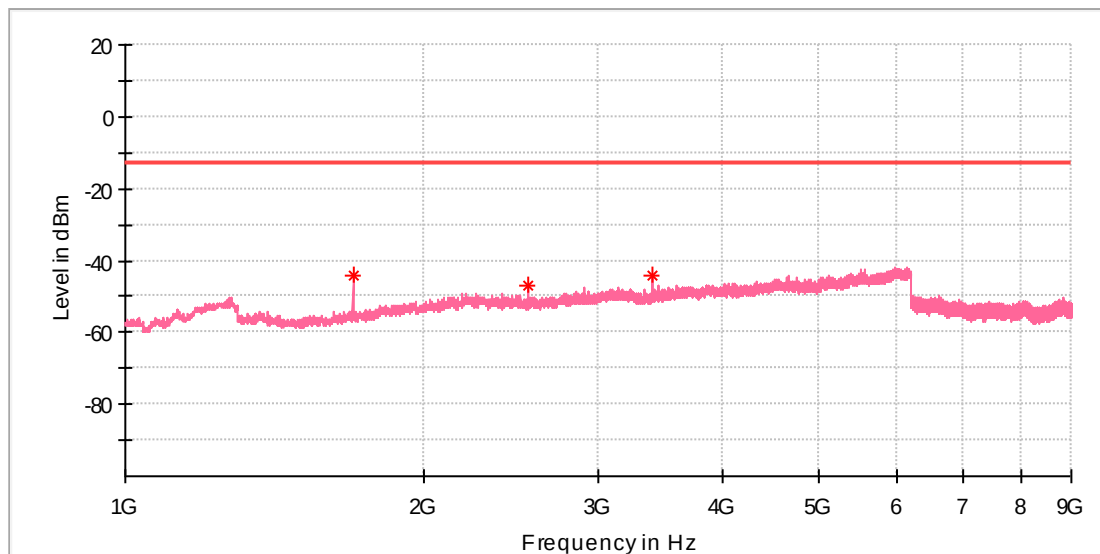
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-42.35	-13.00	29.35	100.0	H	108.0	-92.4
2546.500000	-47.25	-13.00	34.25	100.0	H	227.0	-88.3

Produkte
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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-VW
Test Mode:	TX High EGPRS850 8PSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
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)
1697.500000	-44.43	-13.00	31.43	100.0	V	302.0	-92.1
2546.000000	-46.98	-13.00	33.98	100.0	V	316.0	-88.4
3395.000000	-44.23	-13.00	31.23	100.0	V	121.0	-87.1

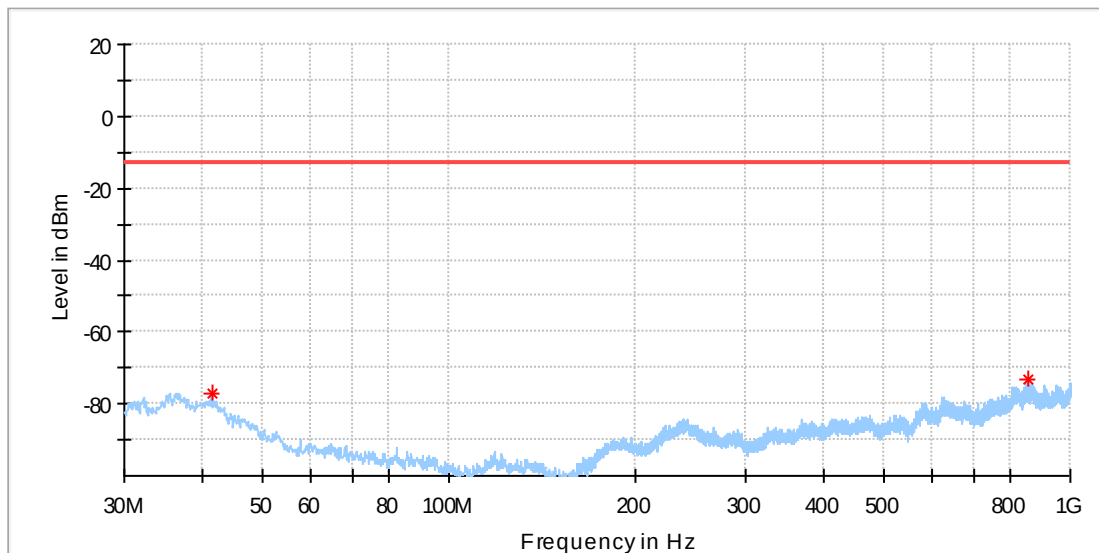
Appendix B.2: Field Strength of Spurious Radiation for GPRS/EGPRS 1900

All configurations have been tested and only the worst-case data are reported.

Below 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low GPRS1900 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



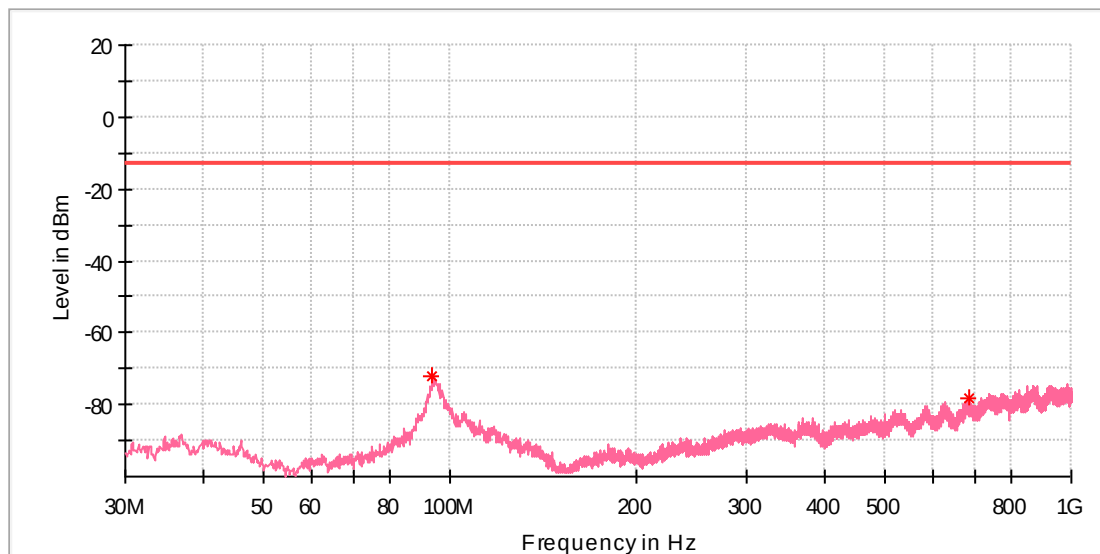
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.518750	-76.87	-13.00	63.87	100.0	H	340.0	-112.2
852.681250	-73.21	-13.00	60.21	100.0	H	261.0	-100.2

Produkte
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EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME310G1-WW
Test Mode:	TX Low GPRS1900 GMSK
Test Voltage:	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

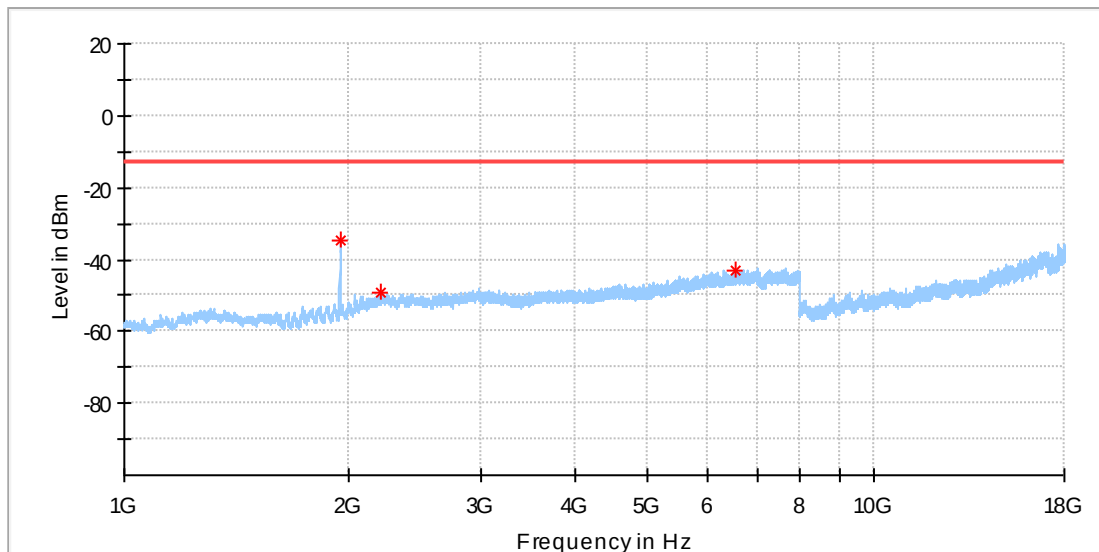
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.656250	-72.12	-13.00	59.12	100.0	V	293.0	-100.6
682.688750	-78.49	-13.00	65.49	100.0	V	343.0	-104.7

Produkte
Products

Above 1 GHz

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High GPRS1900 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



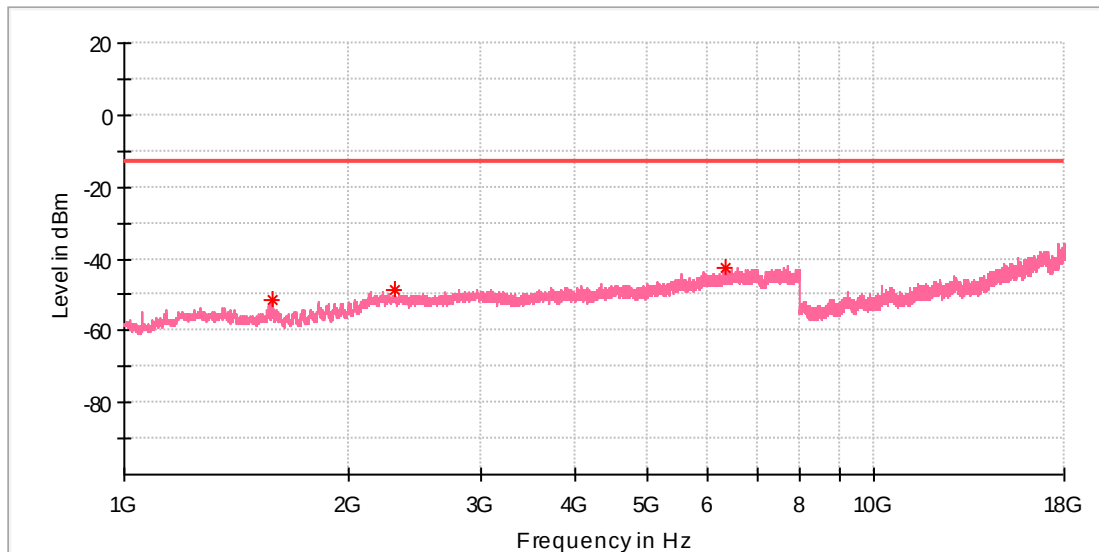
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1941.000000	-34.46	-13.00	21.46	100.0	H	167.0	-89.9
2207.000000	-48.96	-13.00	35.96	100.0	H	34.0	-87.6
6570.000000	-42.88	-13.00	29.88	100.0	H	164.0	-80.9

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High GPRS1900 GMSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



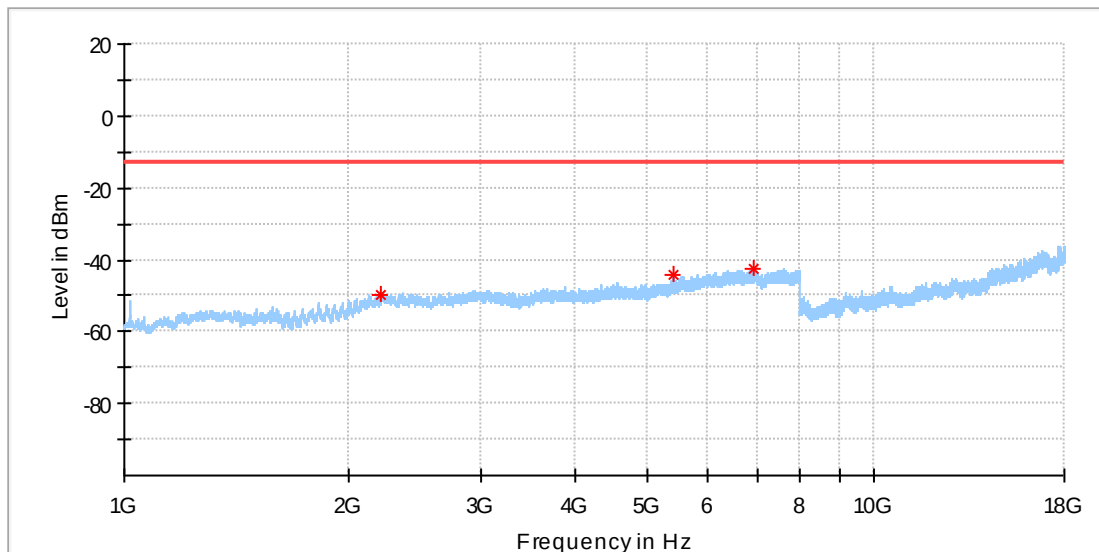
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1574.000000	-51.56	-13.00	38.56	100.0	V	236.0	-93.0
2300.000000	-48.79	-13.00	35.79	100.0	V	302.0	-87.5
6356.500000	-42.47	-13.00	29.47	100.0	V	343.0	-81.7

Produkte
Products

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High EGPRS1900 8PSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 Humi:45%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

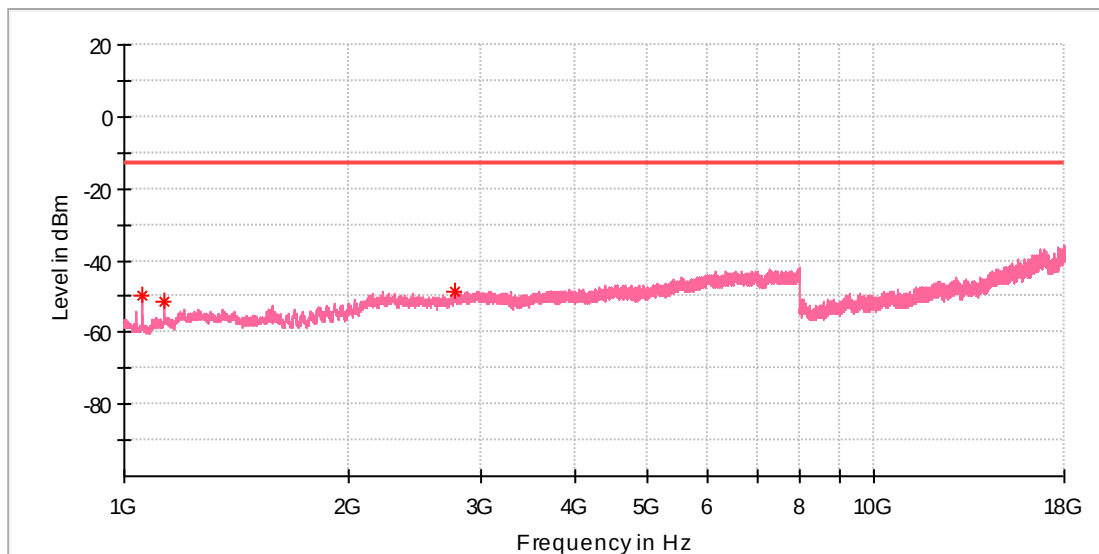


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2206.500000	-49.54	-13.00	36.54	100.0	H	0.0	-87.6
5428.000000	-43.99	-13.00	30.99	100.0	H	350.0	-83.8
6912.000000	-42.59	-13.00	29.59	100.0	H	34.0	-81.1

EUT Information

EUT Name:	DATA TERMINAL MODULE
Model:	ME910G1-WW
Test Mode:	TX High EGPRS1900 8PSK
Test Voltage::	DC 3.8V
Remark:	Temp 23 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)
1056.000000	-49.60	-13.00	36.61	100.0	V	54.0	-96.6
1132.500000	-51.41	-13.00	38.41	100.0	V	60.0	-93.9
2760.000000	-48.44	-13.00	35.44	100.0	V	248.0	-87.3