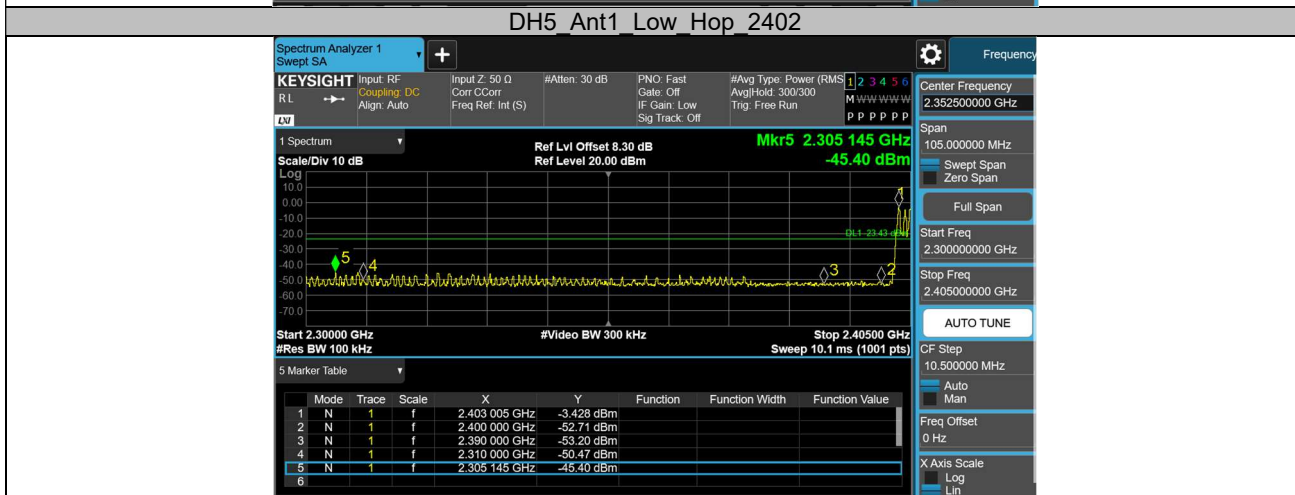
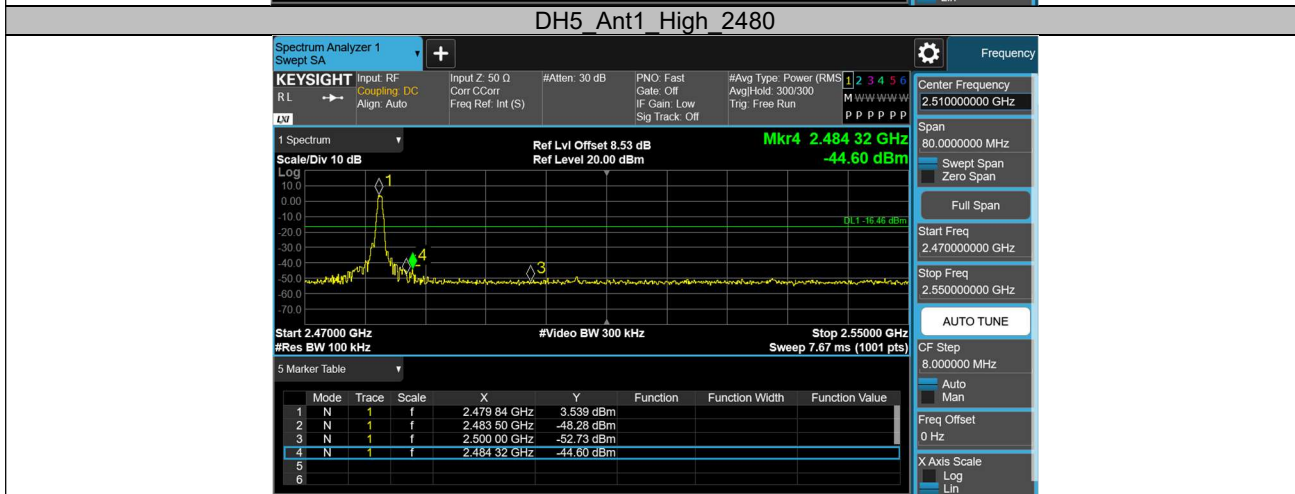
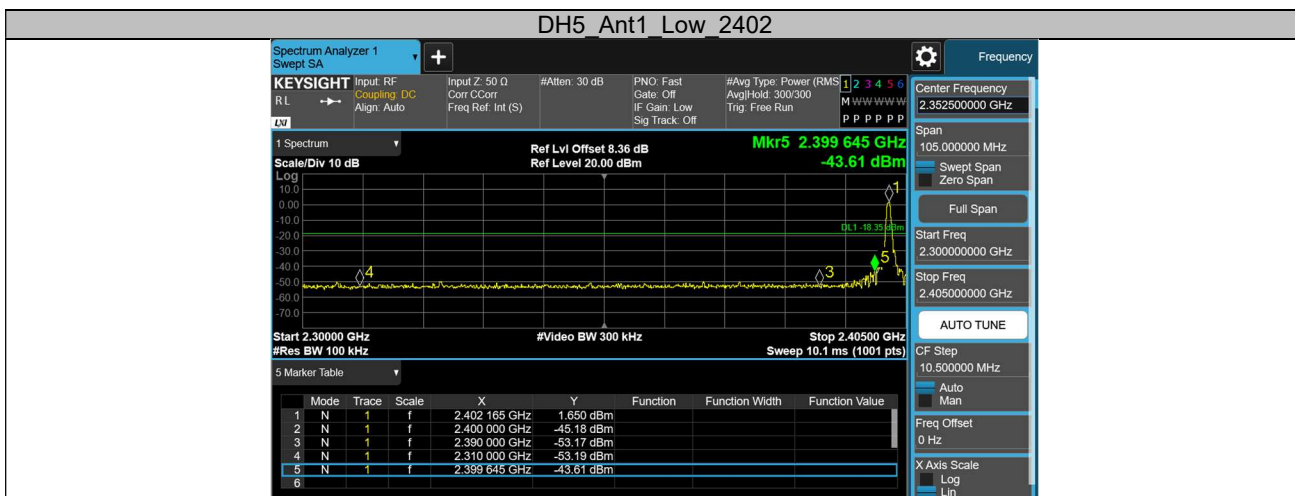
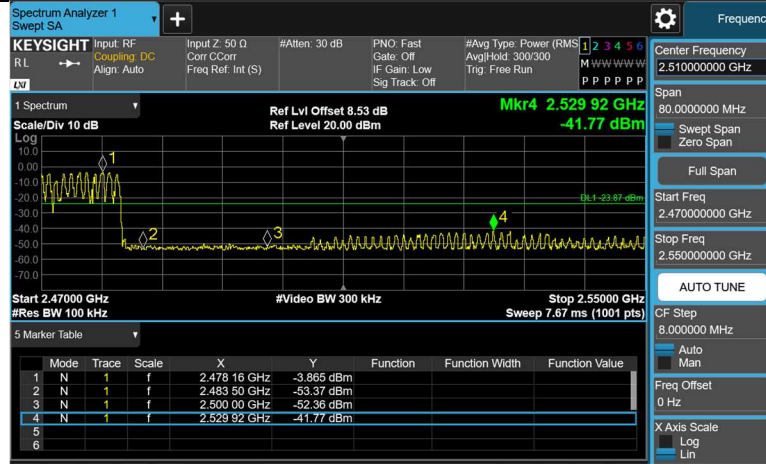


Band Edge

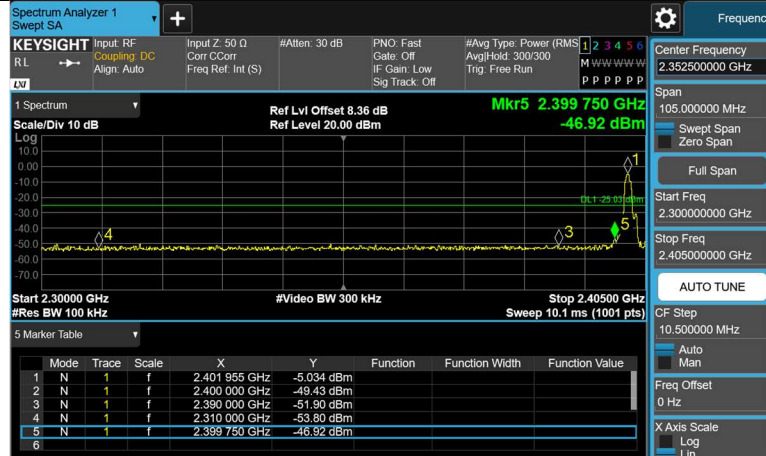
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.65	-43.61	≤-18.35	PASS
		High	2480	3.54	-44.6	≤-16.46	PASS
		Low	Hop_2402	-3.43	-45.4	≤-23.43	PASS
		High	Hop_2480	-3.87	-41.77	≤-23.87	PASS
3DH5	Ant1	Low	2402	-5.03	-46.92	≤-25.03	PASS
		High	2480	-3.48	-49.94	≤-23.48	PASS
		Low	Hop_2402	-3.83	-44.79	≤-23.83	PASS
		High	Hop_2480	-3.78	-43.53	≤-23.78	PASS



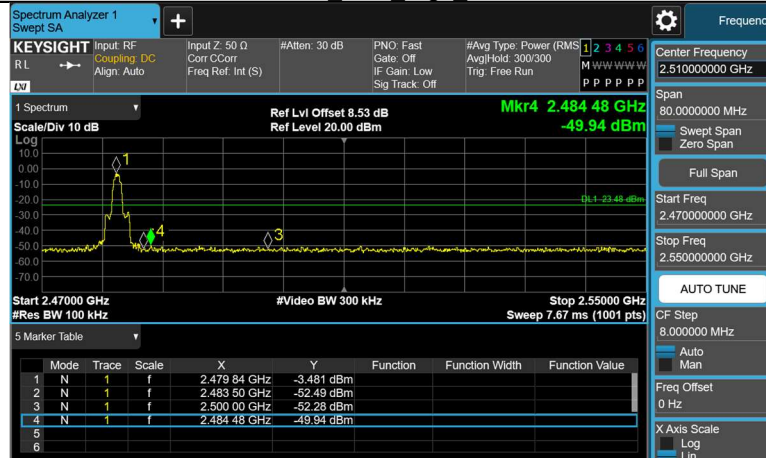
DH5 Ant1 High Hop 2480



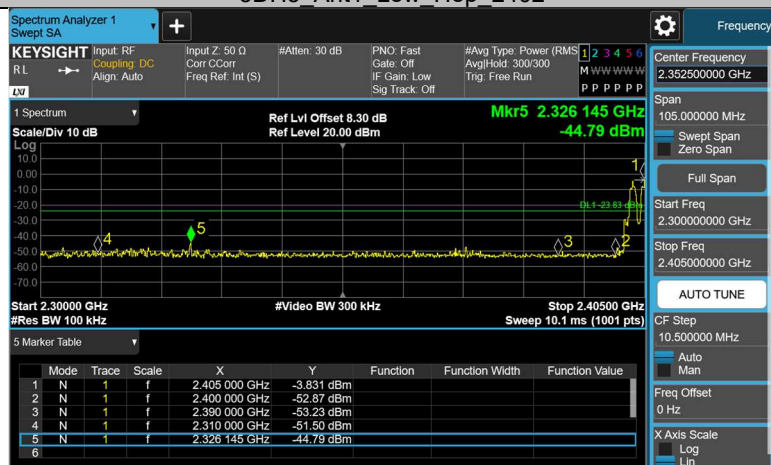
3DH5 Ant1 Low 2402



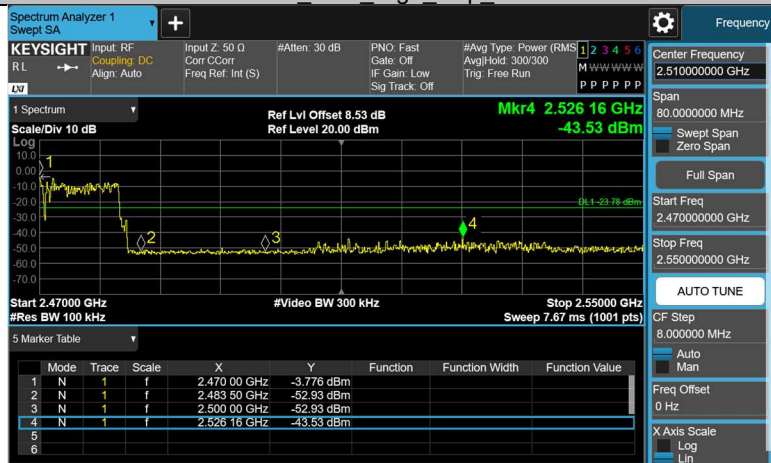
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480



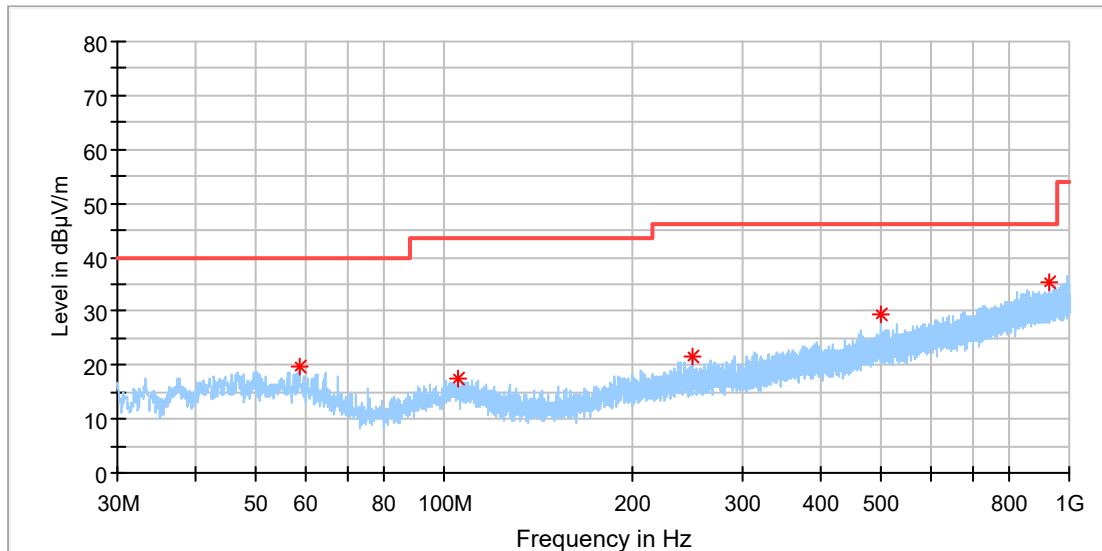
Appendix B.7: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

Bluetooth BDR/EDR 30MHz - 1GHz

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

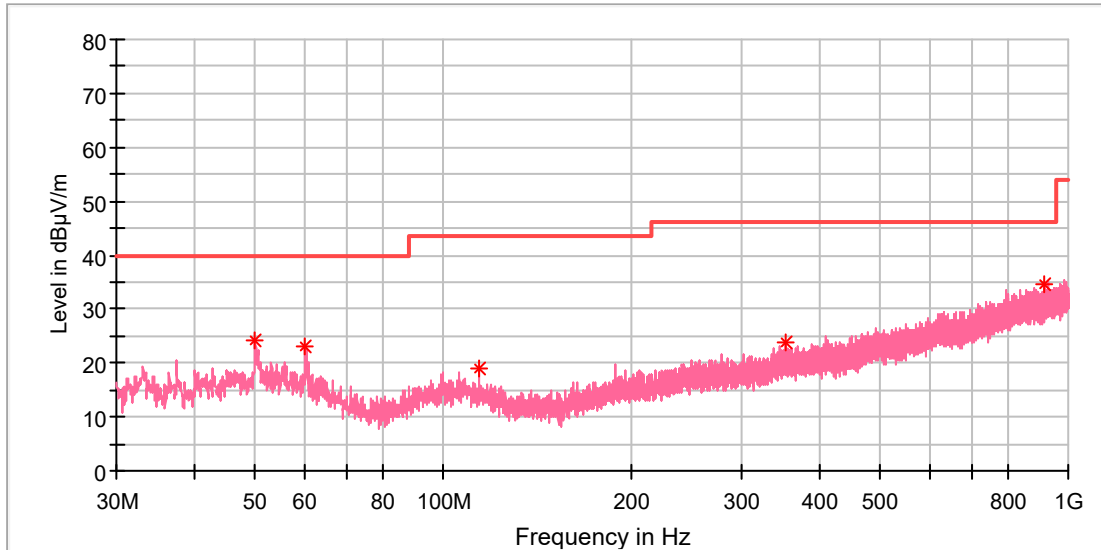
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.809000	19.68	40.00	20.32	100.0	H	0.0	-18.8
105.320500	17.61	43.50	25.89	100.0	H	128.0	-18.8
249.753500	21.55	46.00	24.45	100.0	H	181.0	-17.4
499.528500	29.23	46.00	16.77	100.0	H	165.0	-11.8
930.063000	35.23	46.00	10.77	100.0	H	92.0	-4.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

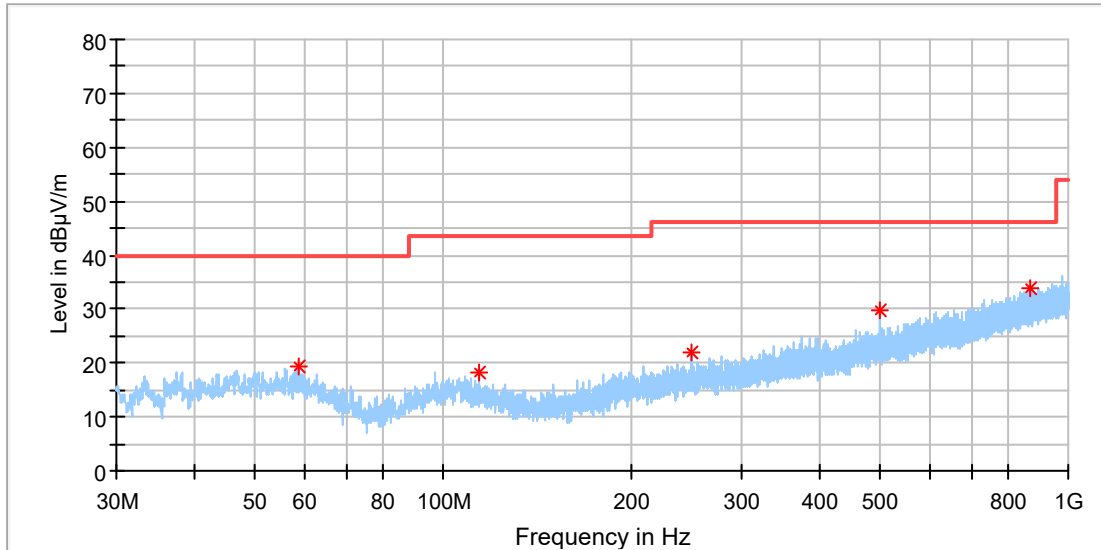
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	24.23	40.00	15.77	100.0	V	0.0	-18.3
60.167000	23.08	40.00	16.92	100.0	V	93.0	-19.0
114.438500	19.02	43.50	24.48	100.0	V	211.0	-19.7
353.689000	23.91	46.00	22.09	100.0	V	6.0	-14.7
914.882500	34.61	46.00	11.39	100.0	V	0.0	-4.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

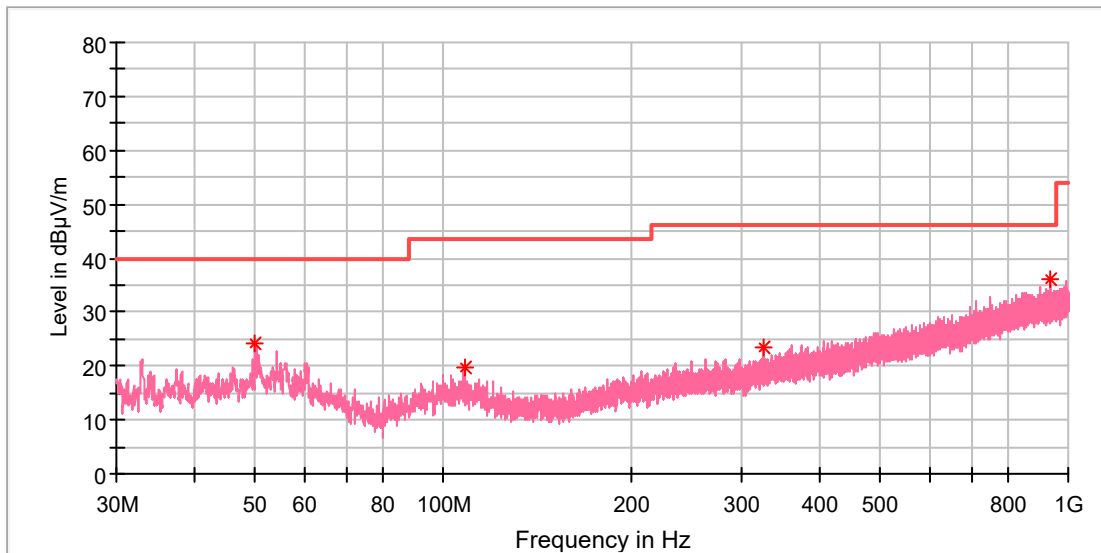
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.712000	19.21	40.00	20.79	100.0	H	215.0	-18.8
114.438500	18.30	43.50	25.20	100.0	H	281.0	-19.7
249.753500	22.09	46.00	23.91	100.0	H	137.0	-17.4
499.528500	29.60	46.00	16.40	100.0	H	356.0	-11.8
871.911500	33.70	46.00	12.30	100.0	H	26.0	-5.2

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.030500	24.30	40.00	15.70	100.0	V	353.0	-18.3
107.988000	19.63	43.50	23.87	100.0	V	327.0	-18.9
325.219500	23.34	46.00	22.66	100.0	V	139.0	-15.6
933.118500	35.98	46.00	10.02	100.0	V	40.0	-4.6

Final Result

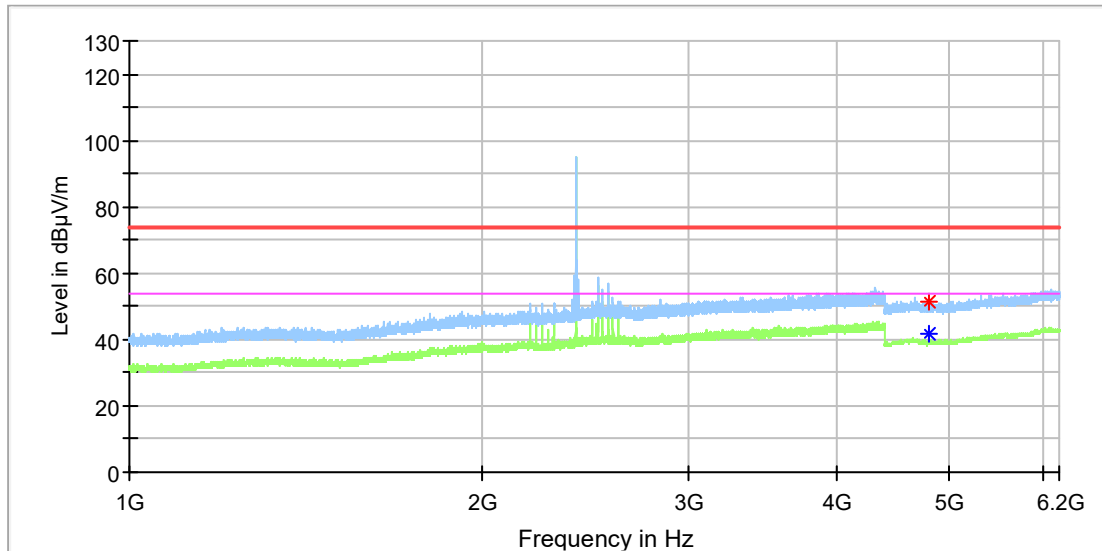
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Bluetooth BDR/EDR 1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_Low channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

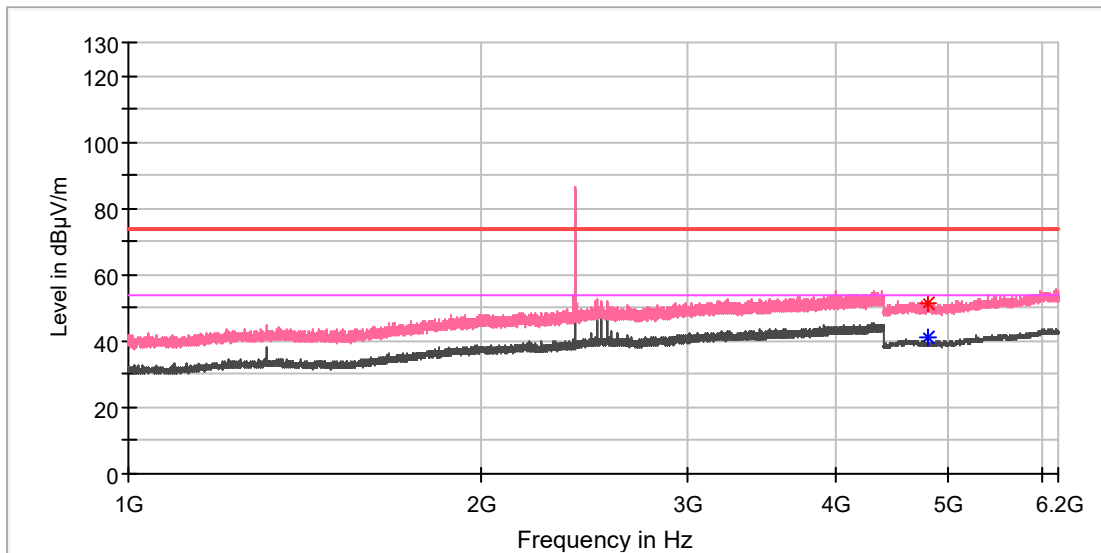
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	51.17	---	74.00	22.83	100.0	H	56.0	11.8
4804.000000	---	42.00	54.00	12.00	100.0	H	56.0	11.8

Final Result

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

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

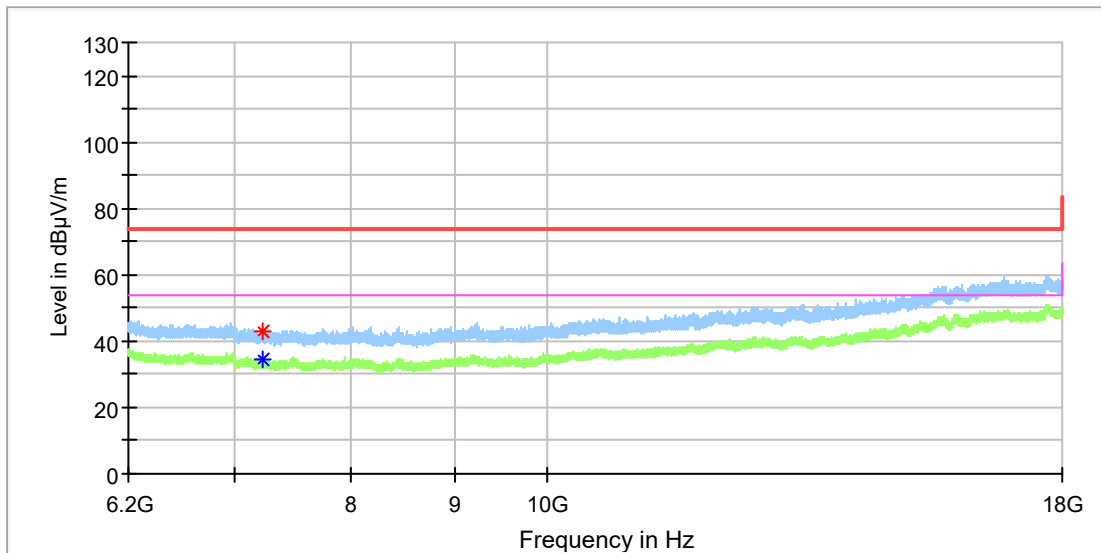
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.500000	---	40.85	54.00	13.15	100.0	V	41.0	11.8
4804.000000	51.60	---	74.00	22.40	100.0	V	34.0	11.8

Final Result

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

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_Low channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

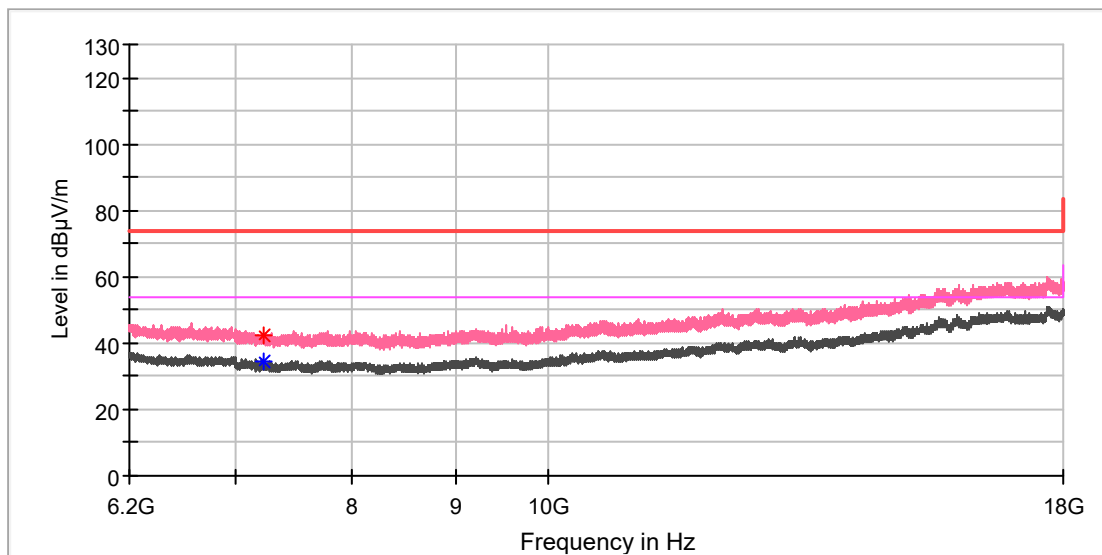
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7219.225000	---	34.53	54.00	19.47	100.0	H	217.0	8.7
7225.125000	43.21	---	74.00	30.79	100.0	H	156.0	8.7

Final_Result

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

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_Low channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

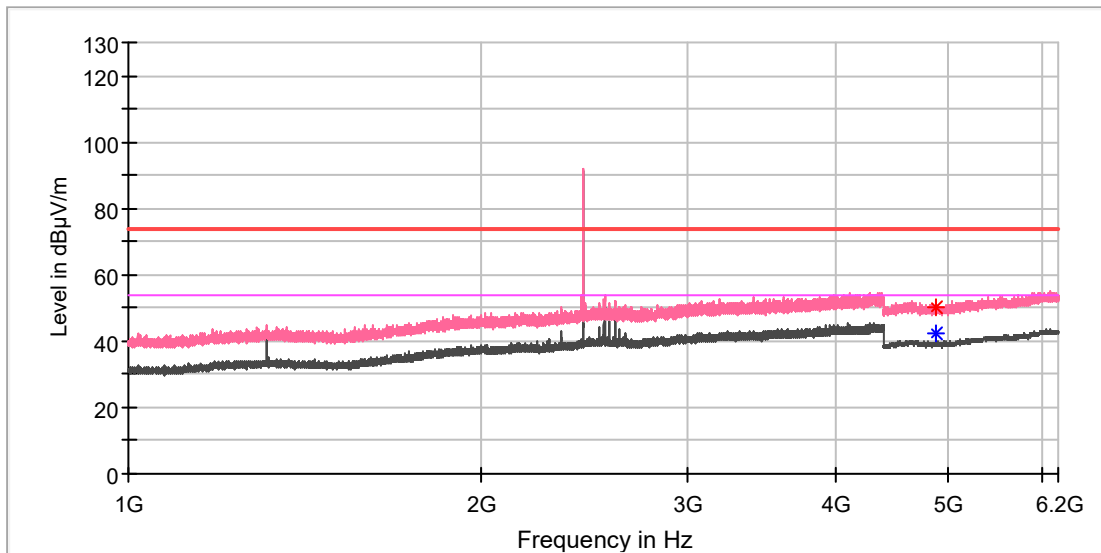
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7219.716667	42.22	---	74.00	31.78	100.0	V	176.0	8.7
7224.633333	---	34.48	54.00	19.52	100.0	V	0.0	8.7

Final_Result

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

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

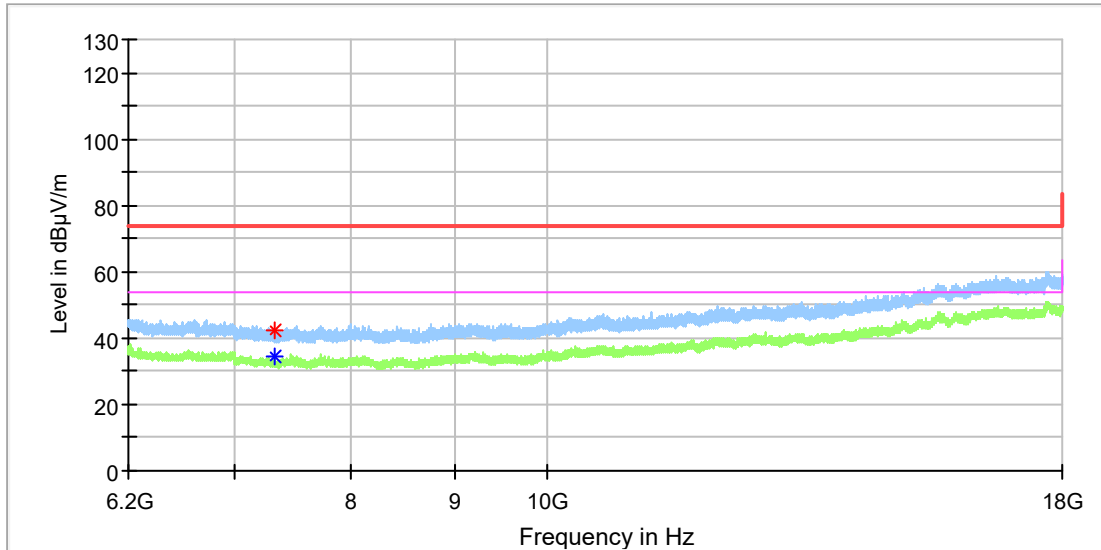
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	50.27	---	74.00	23.73	100.0	V	26.0	11.8
4882.000000	---	42.50	54.00	11.50	100.0	V	26.0	11.8

Final Result

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

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

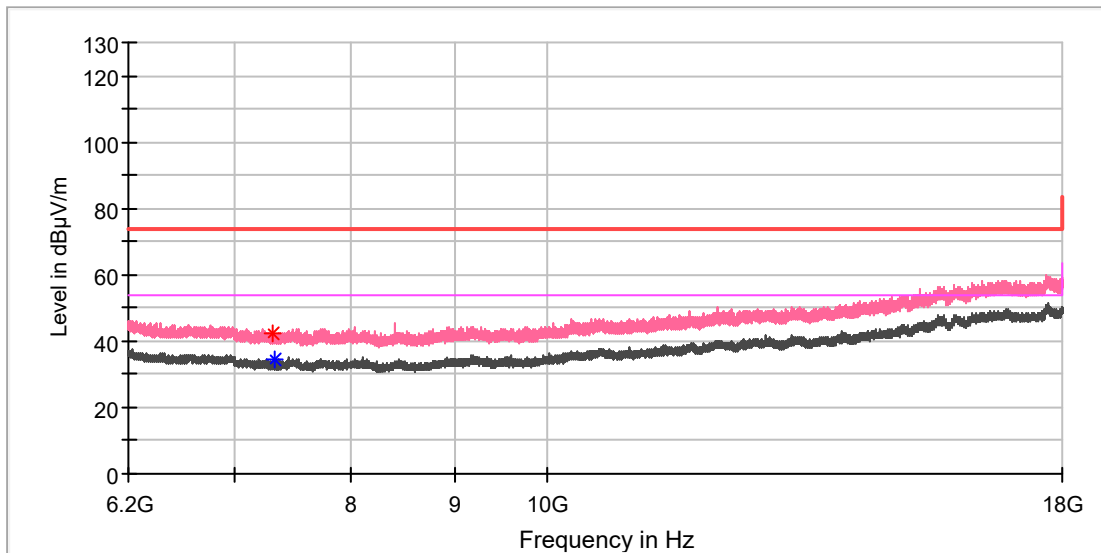
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.475000	---	34.76	54.00	19.24	100.0	H	82.0	8.2
7323.950000	42.49	---	74.00	31.51	100.0	H	213.0	8.2

Final_Result

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

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

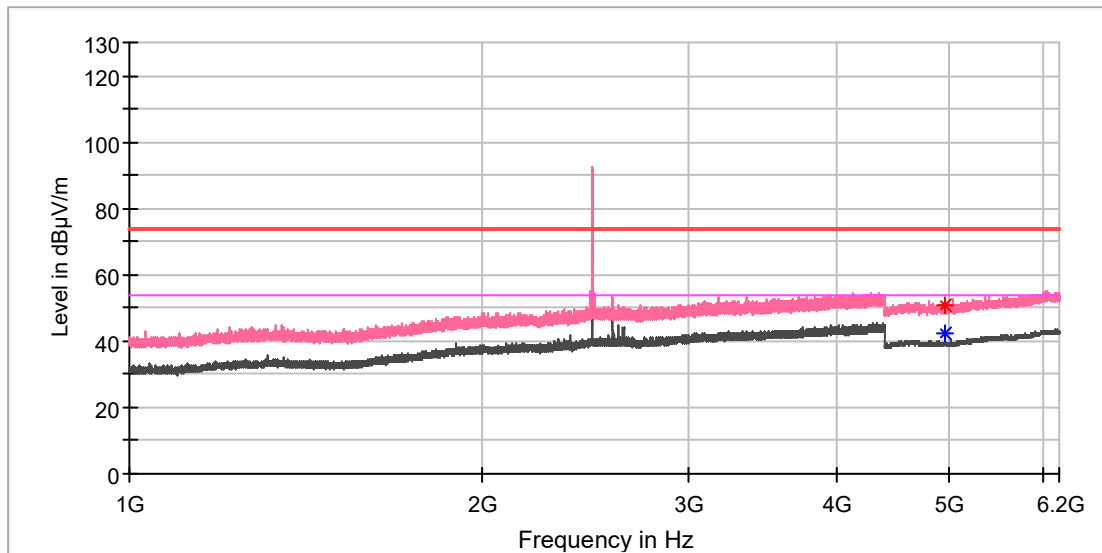
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.575000	42.35	---	74.00	31.65	100.0	V	148.0	8.2
7322.475000	---	34.32	54.00	19.68	100.0	V	113.0	8.2

Final Result

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

EUT Information

EUT Name: AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
 Model: MaxiCOM MK808BT
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168345062/A003191554-006
 Test Voltage: Battery
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

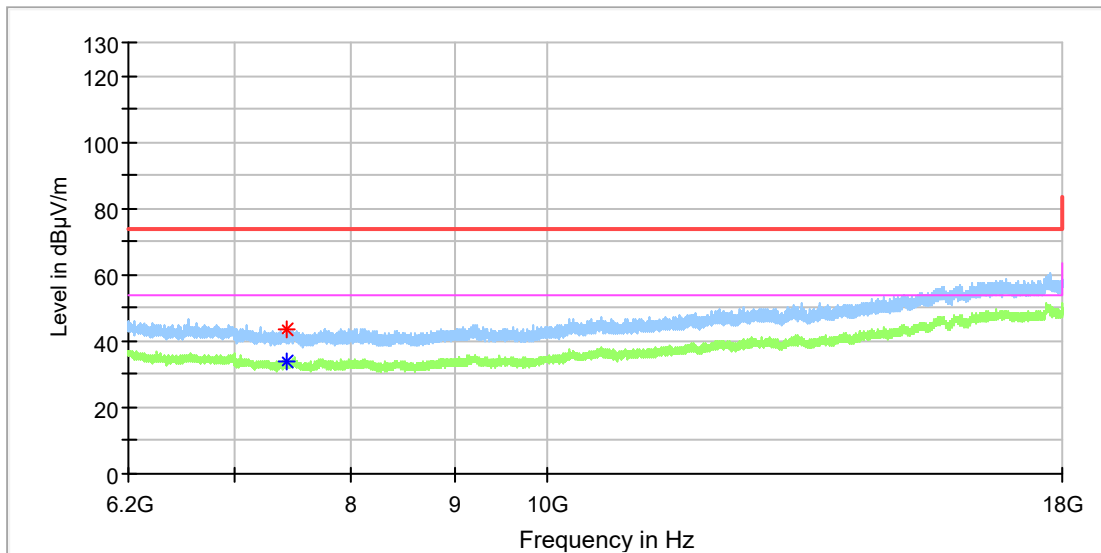
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4957.500000	50.93	---	74.00	23.07	100.0	V	56.0	11.8
4960.000000	---	42.12	54.00	11.88	100.0	V	41.0	11.8

Final Result

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

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

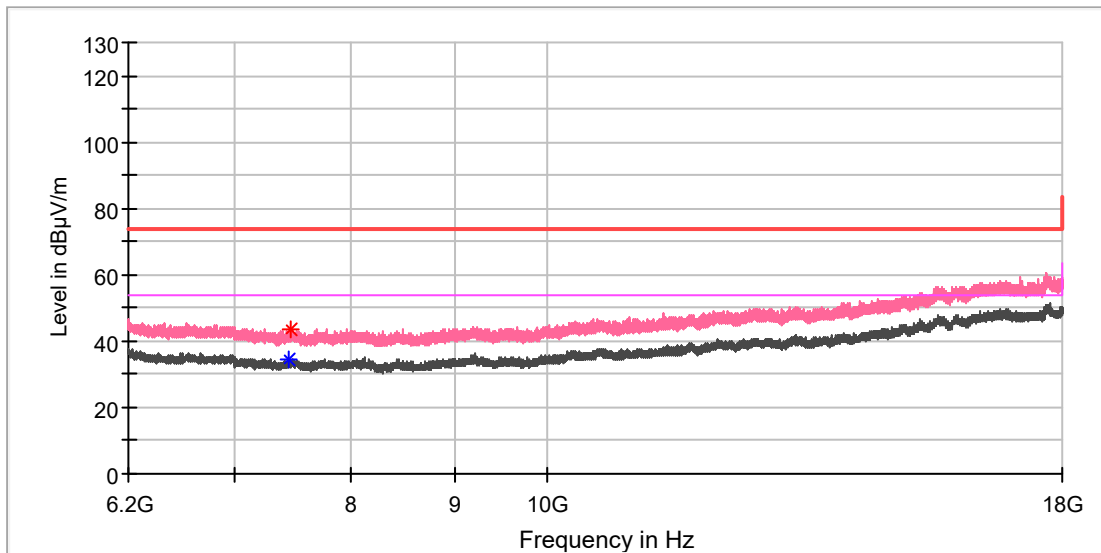
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7429.658333	---	33.78	54.00	20.22	100.0	H	78.0	8.4
7436.050000	43.42	---	74.00	30.58	100.0	H	78.0	8.4

Final_Result

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

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
7441.458333	---	34.22	54.00	19.78	100.0	V	232.0	8.4
7454.241667	43.61	---	74.00	30.39	100.0	V	232.0	8.5

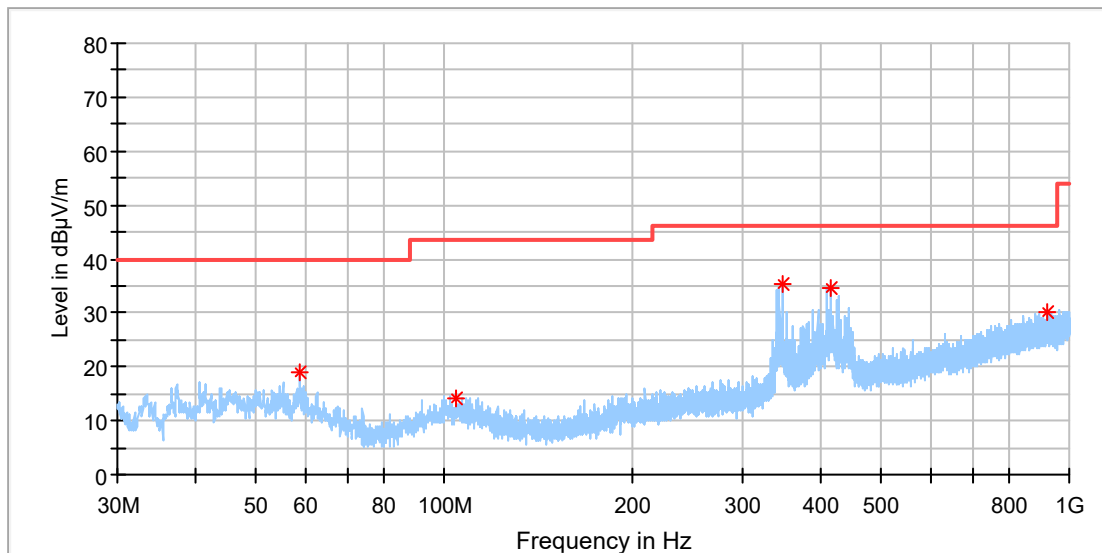
Final_Result

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

Bluetooth BDR/EDR+2.4G WIFI 30MHz - 1GHz

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MK808BT
Test Mode:	BT+WIFI
Order No/Sample No:	168345062/A003191554-006
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

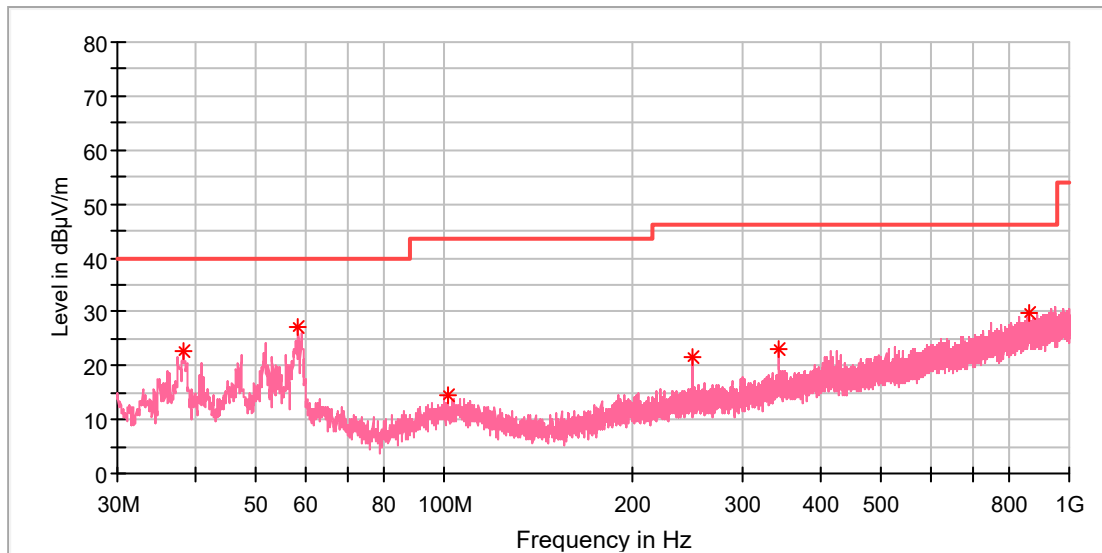
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.663500	18.81	40.00	21.19	100.0	H	1.0	-18.8
104.399000	14.04	43.50	29.46	100.0	H	84.0	-18.8
348.014500	35.32	46.00	10.68	100.0	H	180.0	-14.8
416.011500	34.70	46.00	11.30	100.0	H	180.0	-13.5
922.303000	30.30	46.00	15.70	100.0	H	0.0	-4.8

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MK808BT
Test Mode:	BT+WIFI
Order No/Sample No:	168345062/A003191554-006
Test Voltage:::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.245000	22.65	40.00	17.35	100.0	V	321.0	-20.7
58.421000	27.23	40.00	12.77	100.0	V	291.0	-18.8
101.634500	14.48	43.50	29.02	100.0	V	141.0	-18.9
249.753500	21.52	46.00	24.48	100.0	V	33.0	-17.4
344.037500	23.17	46.00	22.83	100.0	V	257.0	-14.8
863.666500	29.73	46.00	16.27	100.0	V	321.0	-5.3

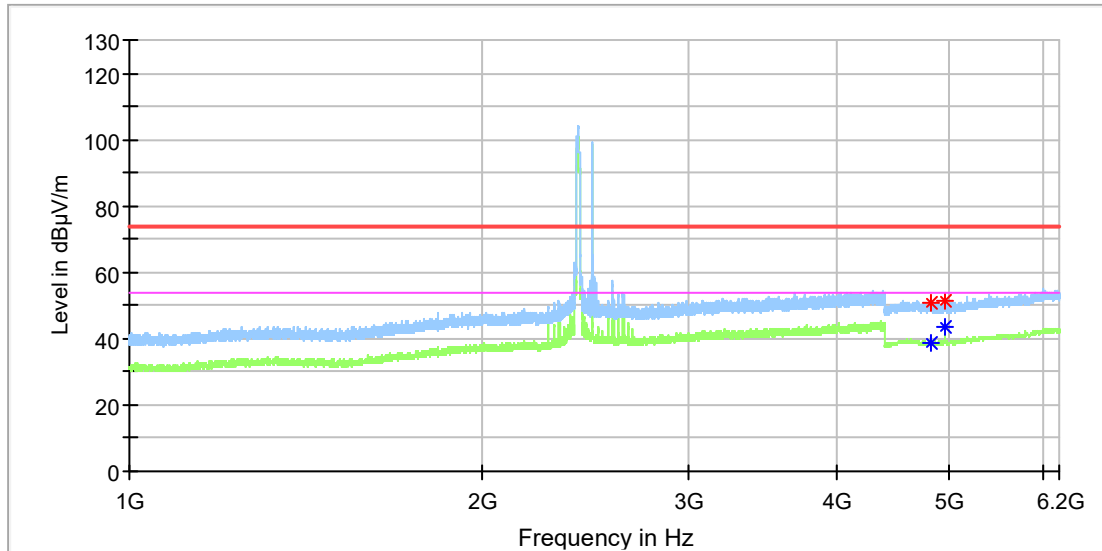
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Bluetooth BDR/EDR+2.4G WIFI 1GHz - 18GHz

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MK808BT
Test Mode:	BT+WIFI
Order No/Sample No:	168345062/A003191554-006
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
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)
4816.000000	50.51	---	74.00	23.49	100.0	H	232.0	11.8
4821.000000	---	38.99	54.00	15.01	100.0	H	356.0	11.8
4954.500000	51.28	---	74.00	22.72	100.0	H	0.0	11.8
4960.000000	---	43.60	54.00	10.40	100.0	H	260.0	11.8

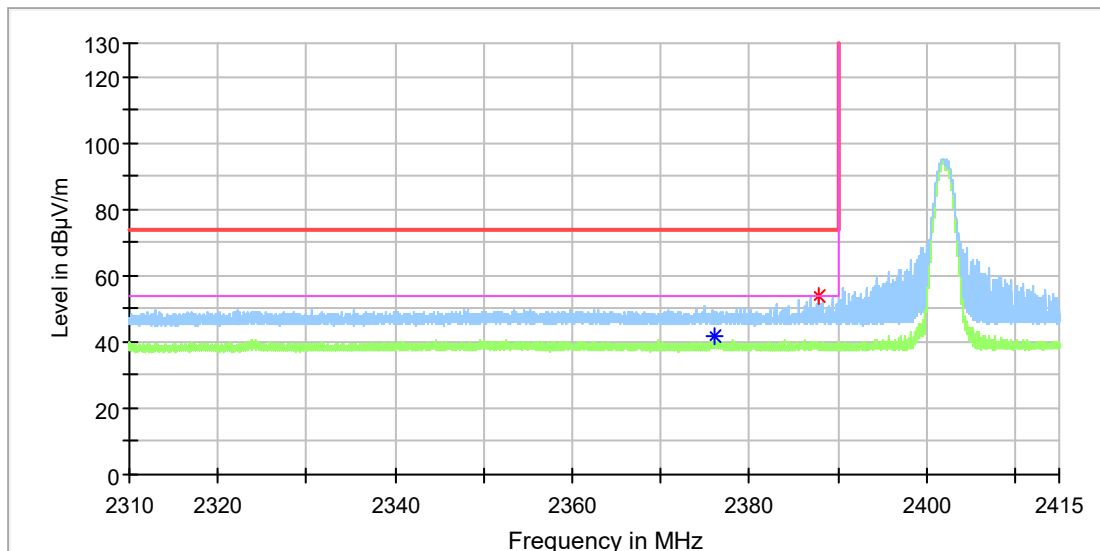
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.8: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	AUTOMOTIVE DIAGNOSTIS & ANALYSIS SYSTEM
Model:	MaxiCOM MK808BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003191554-006
Test Voltage:	Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
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)
2376.018750	---	41.50	54.00	12.50	100.0	H	156.0	6.9
2387.799750	54.04	---	74.00	19.96	100.0	H	144.0	7.0

Final Result

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