

Appendix A: Test Results of 2.4GHz Wi-Fi

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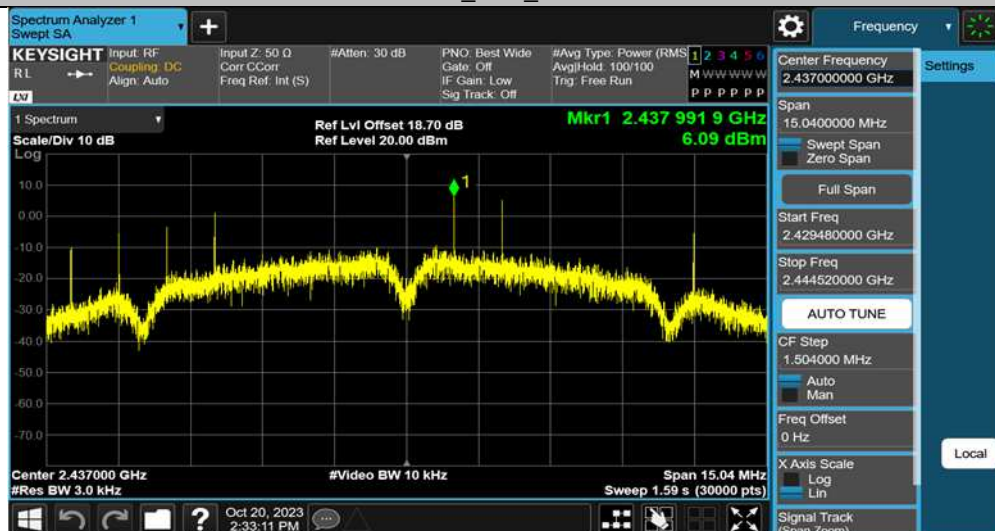
Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant2	2412	6.15	≤8.00	PASS
		2437	6.09	≤8.00	PASS
		2462	6.87	≤8.00	PASS
11G	Ant2	2412	-10.41	≤8.00	PASS
		2437	-8.11	≤8.00	PASS
		2462	-11.2	≤8.00	PASS
11N20	Ant2	2412	-12.14	≤8.00	PASS
	Ant2	2437	-11.98	≤8.00	PASS
	Ant2	2462	-12.39	≤8.00	PASS
11N40	Ant2	2422	-13.95	≤8.00	PASS
	Ant2	2437	-13.97	≤8.00	PASS
	Ant2	2452	-14.44	≤8.00	PASS

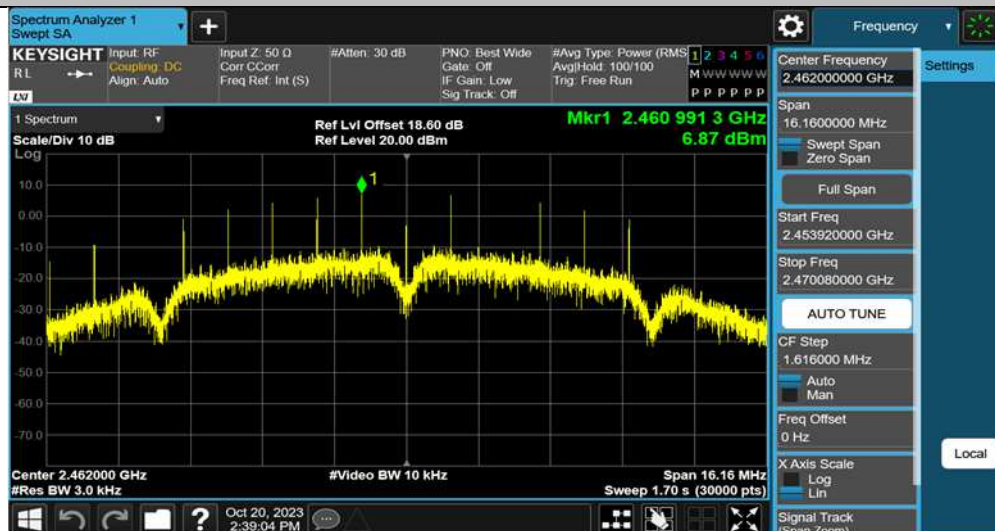
11B_Ant2_2412



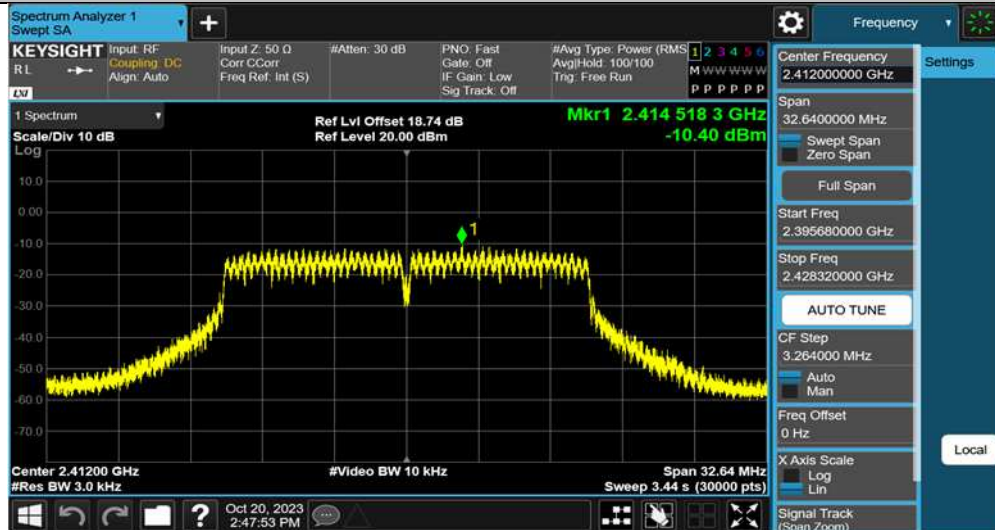
11B_Ant2_2437



11B_Ant2_2462



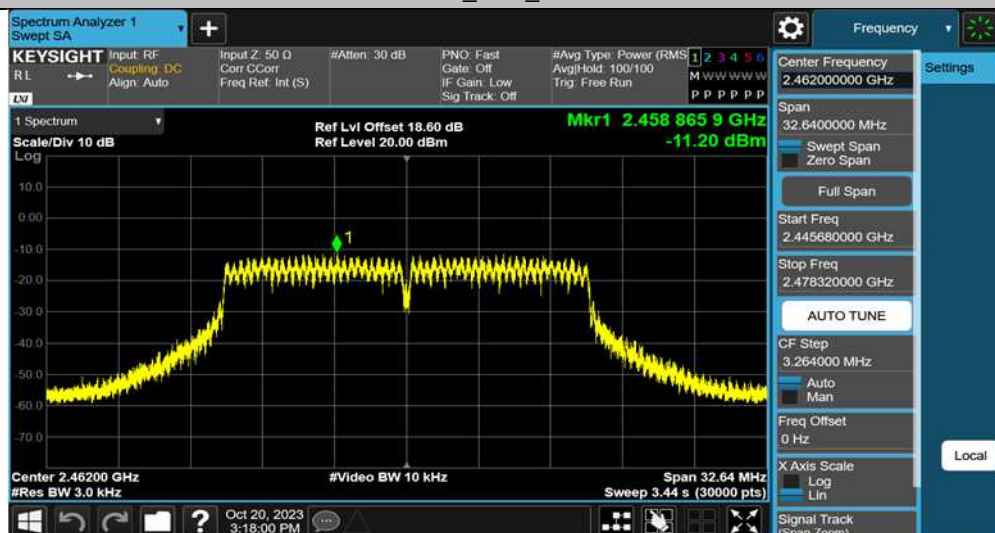
11G_Ant2_2412



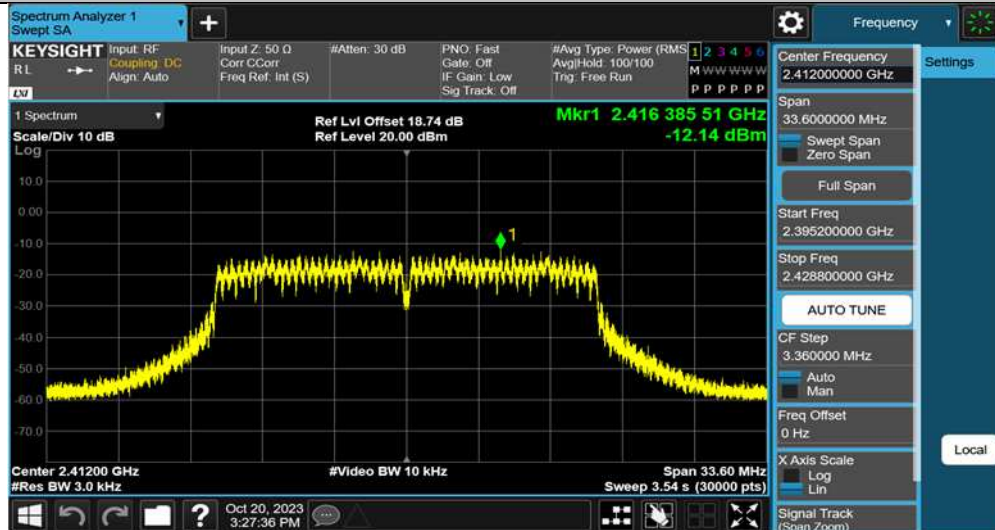
11G_Ant2_2437



11G_Ant2_2462



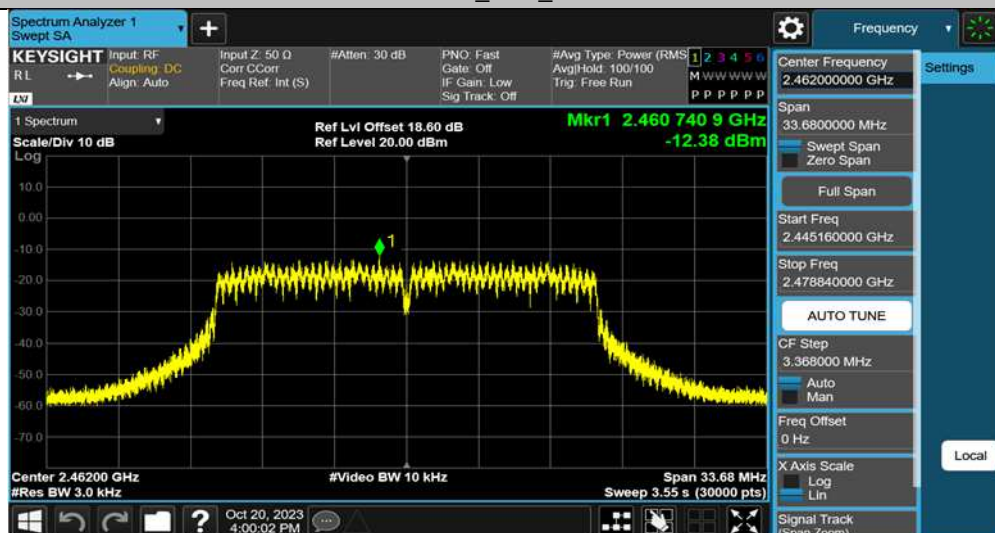
11N20_Ant2_2412



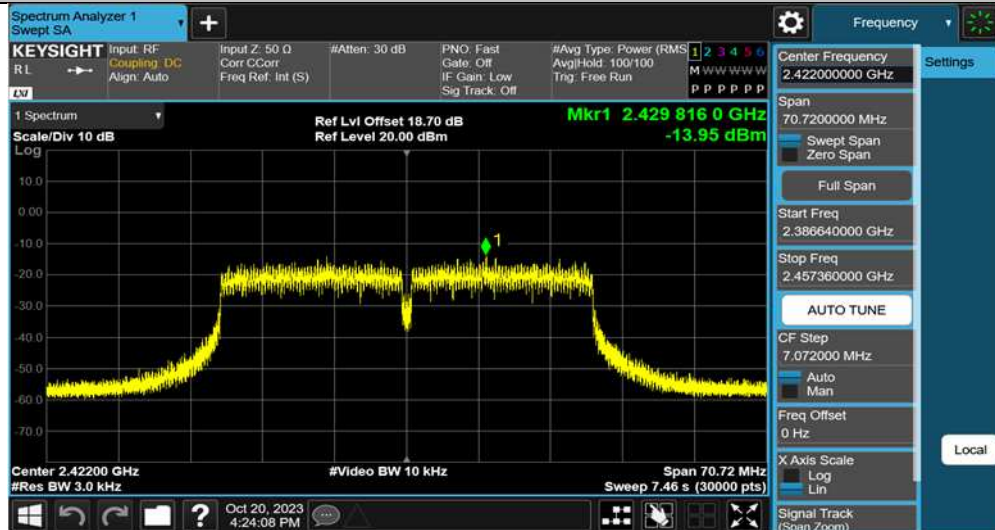
11N20_Ant2_2437



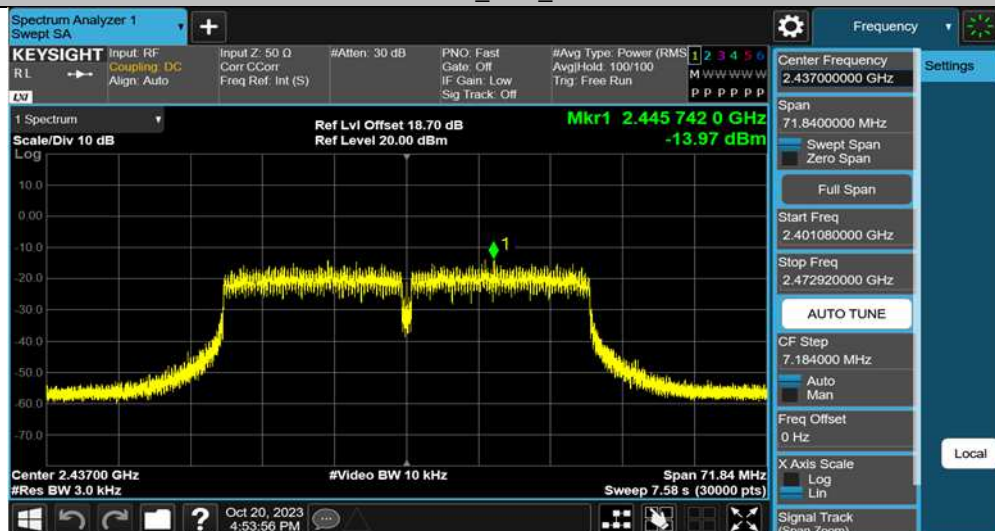
11N20_Ant2_2462



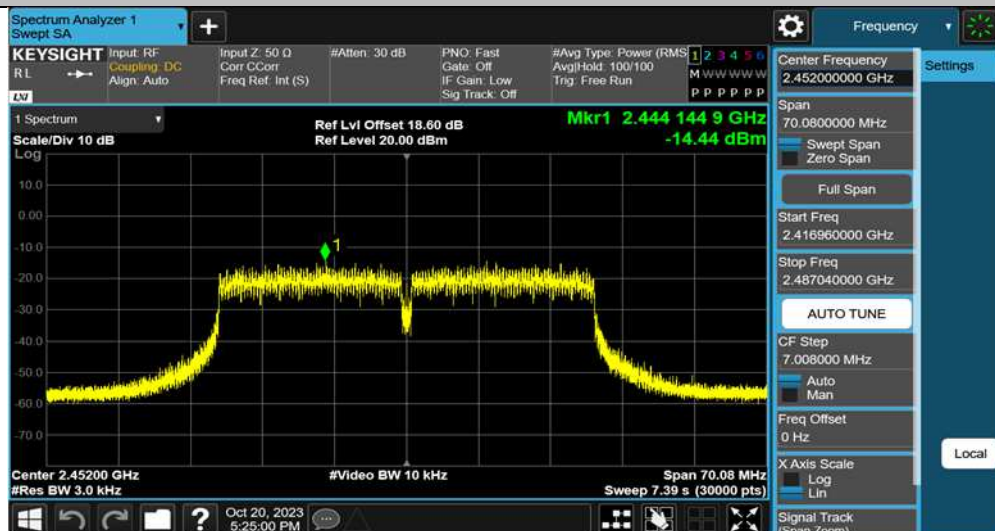
11N40_Ant2_2422



11N40_Ant2_2437



11N40_Ant2_2452



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant2	2412	7.200	2408.440	2415.640	0.5	PASS
		2437	7.520	2433.040	2440.560	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant2	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20	Ant2	2412	16.800	2403.600	2420.400	0.5	PASS
	Ant2	2437	16.840	2428.600	2445.440	0.5	PASS
	Ant2	2462	16.840	2453.600	2470.440	0.5	PASS
11N40	Ant2	2422	35.360	2404.480	2439.840	0.5	PASS
	Ant2	2437	35.920	2419.240	2455.160	0.5	PASS
	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS



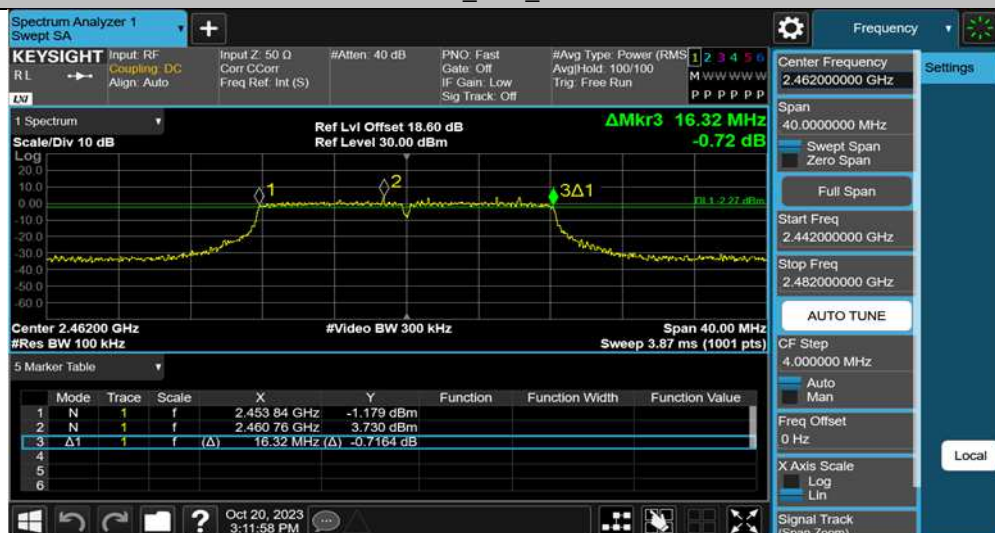
11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



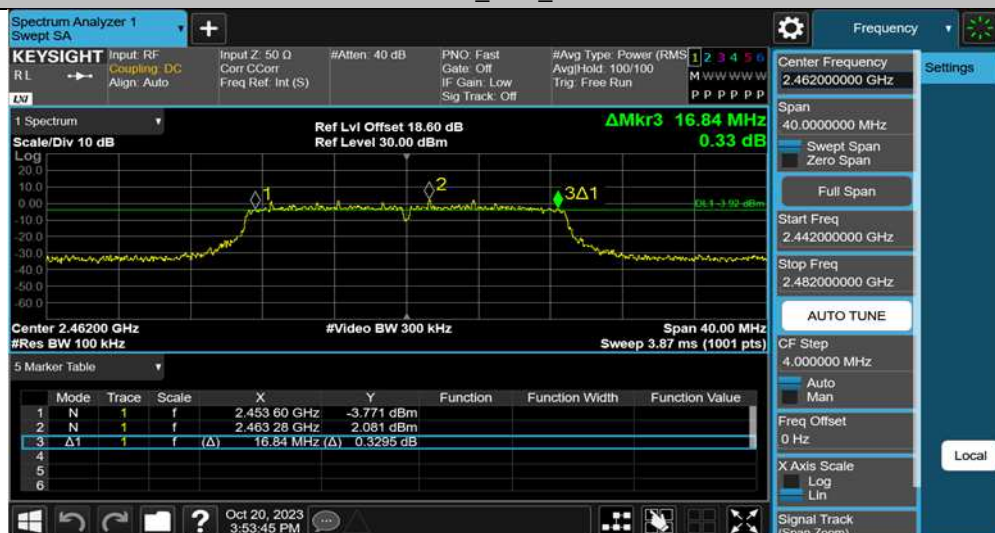
11N20_Ant2_2412



11N20_Ant2_2437



11N20_Ant2_2462



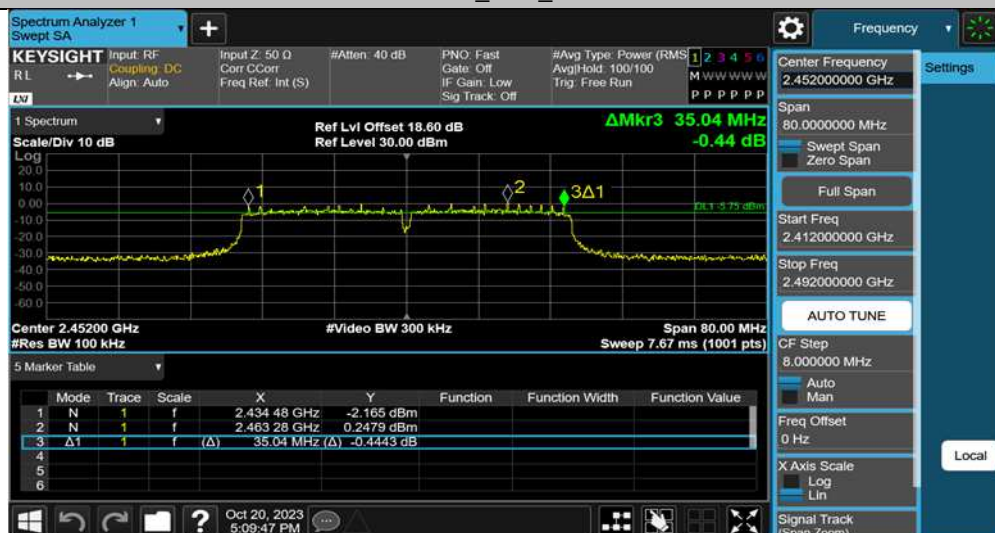
11N40_Ant2_2422



11N40_Ant2_2437



11N40_Ant2_2452



Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant2	2412	13.825	2405.1226	2418.9476	---	PASS
		2437	13.850	2430.0739	2443.9239	---	PASS
		2462	13.755	2455.1085	2468.8635	---	PASS
11G	Ant2	2412	16.617	2403.7143	2420.3313	---	PASS
		2437	16.632	2428.6678	2445.2998	---	PASS
		2462	16.603	2453.6967	2470.2997	---	PASS
11N20MIMO	Ant2	2412	17.745	2403.1325	2420.8775	---	PASS
	Ant2	2437	17.804	2428.1044	2445.9084	---	PASS
	Ant2	2462	17.731	2453.1233	2470.8543	---	PASS
11N40MIMO	Ant2	2422	36.495	2403.8374	2440.3324	---	PASS
	Ant2	2437	36.500	2418.8286	2455.3286	---	PASS
	Ant2	2452	36.409	2433.8762	2470.2852	---	PASS

11B_Ant2_2412



11B_Ant2_2437



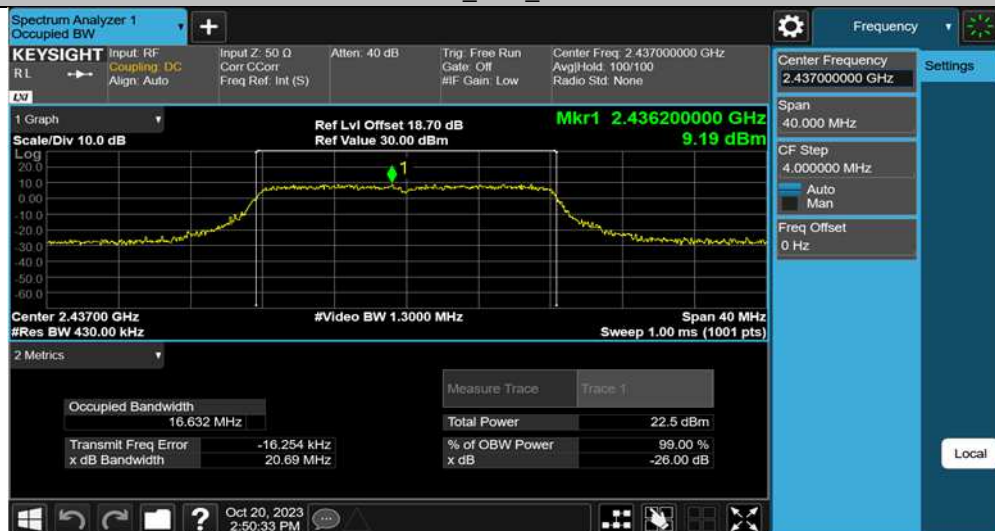
11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20_Ant2_2412



11N20_Ant2_2437



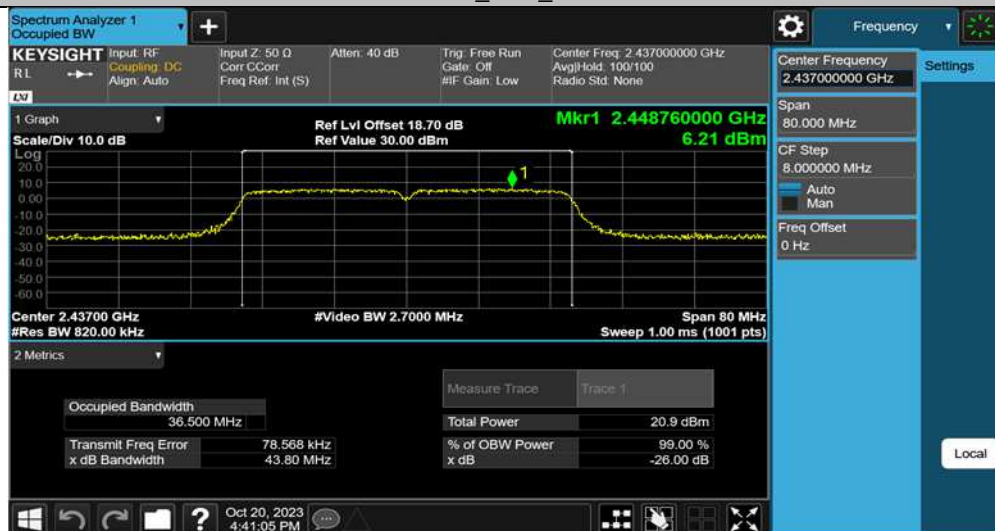
11N20_Ant2_2462



11N40_Ant2_2422



11N40_Ant2_2437



11N40_Ant2_2452



Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	Low	2412	6.11	-39.46	≤-13.89	PASS
		High	2462	5.50	-39.98	≤-14.5	PASS
11G	Ant2	Low	2412	4.63	-32.32	≤-15.37	PASS
		High	2462	4.47	-39.5	≤-15.53	PASS
11N20	Ant2	Low	2412	2.36	-35.23	≤-17.65	PASS
		High	2462	1.63	-40.18	≤-18.37	PASS
11N40	Ant2	Low	2422	-0.34	-32.33	≤-20.34	PASS
		High	2452	-0.12	-39.16	≤-20.12	PASS

11B_Ant2_Low_2412



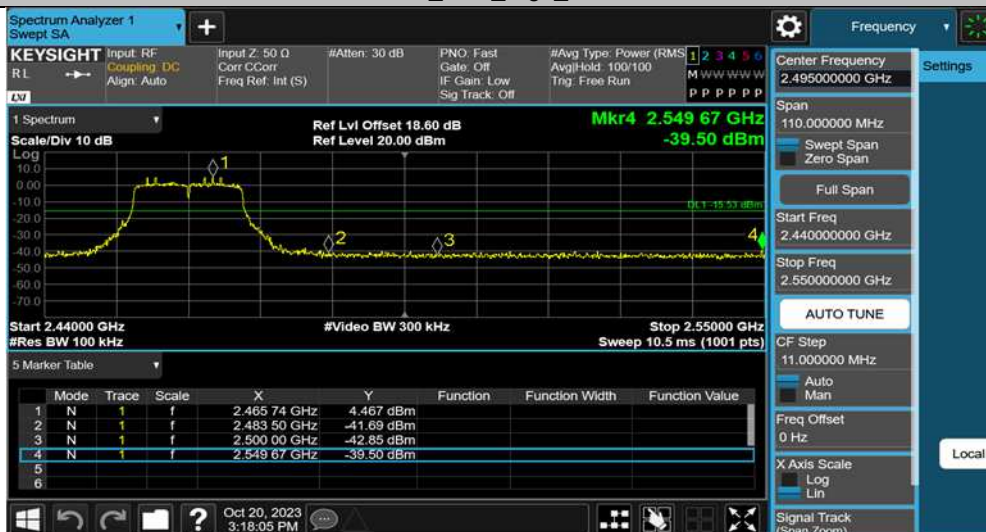
11B_Ant2_High_2462



11G_Ant2_Low_2412



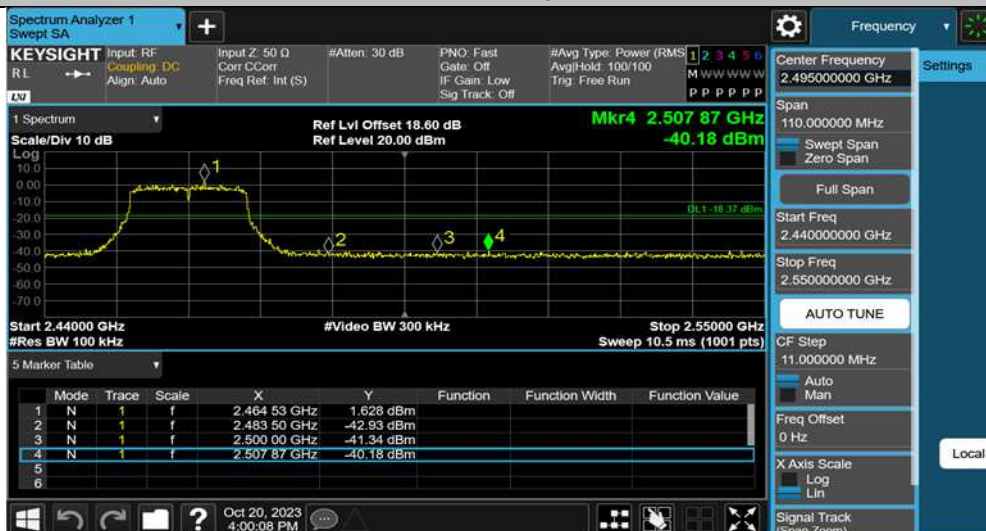
11G_Ant2_High_2462



11N20_Ant2_Low_2412



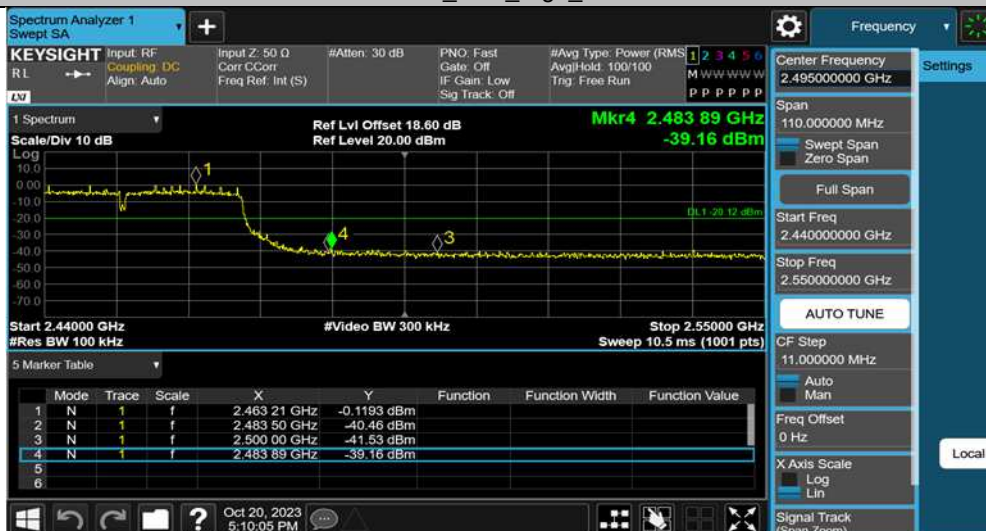
11N20_Ant2_High_2462



11N40_Ant2_Low_2422



11N40_Ant2_High_2452



Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	4.21	4.21	---	PASS
			30~1000	4.21	-40.91	≤-15.79	PASS
			1000~26500	4.21	-32.04	≤-15.79	PASS
		2437	Reference	4.75	4.75	---	PASS
			30~1000	4.75	-40.54	≤-15.25	PASS
			1000~26500	4.75	-31.99	≤-15.25	PASS
		2462	Reference	4.58	4.58	---	PASS
			30~1000	4.58	-40.51	≤-15.42	PASS
			1000~26500	4.58	-32.23	≤-15.42	PASS
11G	Ant2	2412	Reference	4.19	4.19	---	PASS
			30~1000	4.19	-40.74	≤-15.81	PASS
			1000~26500	4.19	-31.51	≤-15.81	PASS
		2437	Reference	4.52	4.52	---	PASS
			30~1000	4.52	-41.92	≤-15.48	PASS
			1000~26500	4.52	-32.25	≤-15.48	PASS
		2462	Reference	1.74	1.74	---	PASS
			30~1000	1.74	-41.4	≤-18.26	PASS
			1000~26500	1.74	-32.12	≤-18.26	PASS
11N20	Ant2	2412	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-41.05	≤-20.52	PASS
			1000~26500	-0.52	-30.76	≤-20.52	PASS
		2437	Reference	2.34	2.34	---	PASS
			30~1000	2.34	-41.08	≤-17.66	PASS
			1000~26500	2.34	-32.12	≤-17.66	PASS
		2462	Reference	-1.60	-1.60	---	PASS
			30~1000	-1.60	-40.59	≤-21.6	PASS
			1000~26500	-1.60	-31.91	≤-21.6	PASS
11N40	Ant2	2422	Reference	-0.64	-0.64	---	PASS
			30~1000	-0.64	-40.91	≤-20.64	PASS
			1000~26500	-0.64	-32.45	≤-20.64	PASS
		2437	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-41.46	≤-21.91	PASS
			1000~26500	-1.91	-32.19	≤-21.91	PASS
		2452	Reference	-1.05	-1.05	---	PASS
			30~1000	-1.05	-41.42	≤-21.05	PASS
			1000~26500	-1.05	-32.27	≤-21.05	PASS

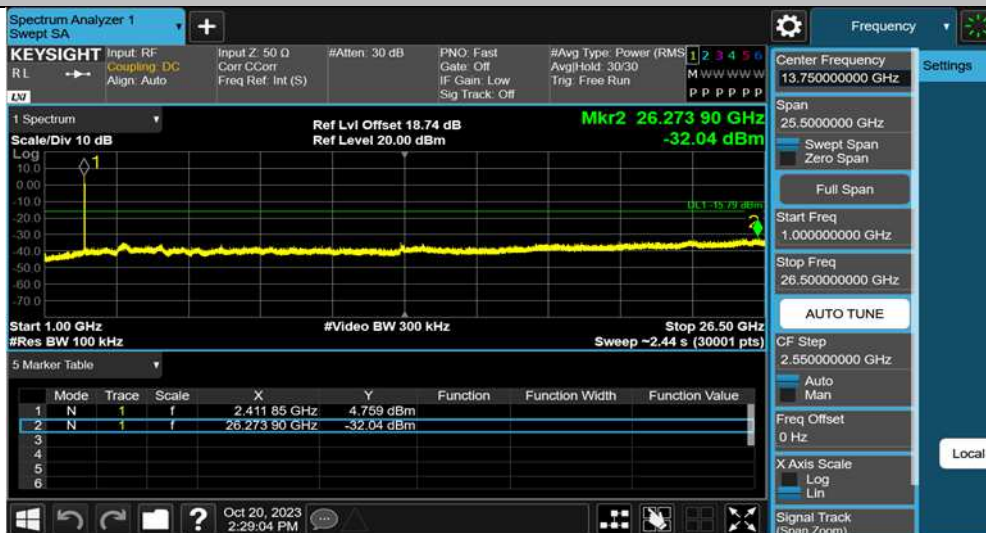
11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500



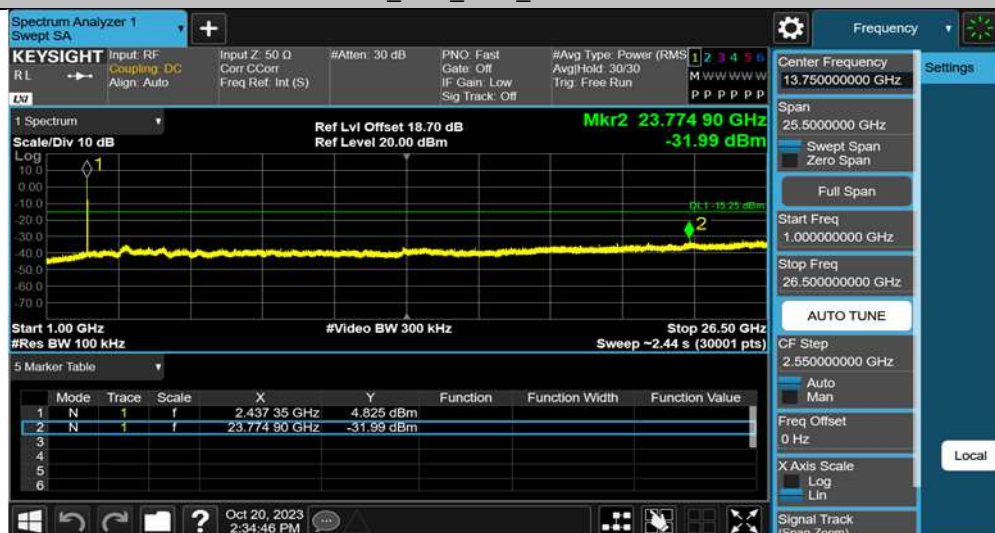
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



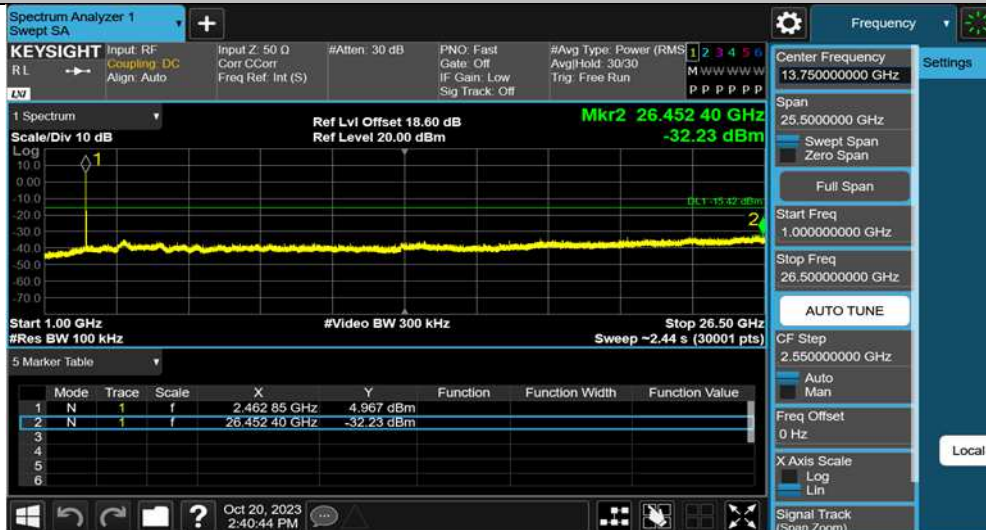
11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000



11G_Ant2_2412_1000~26500



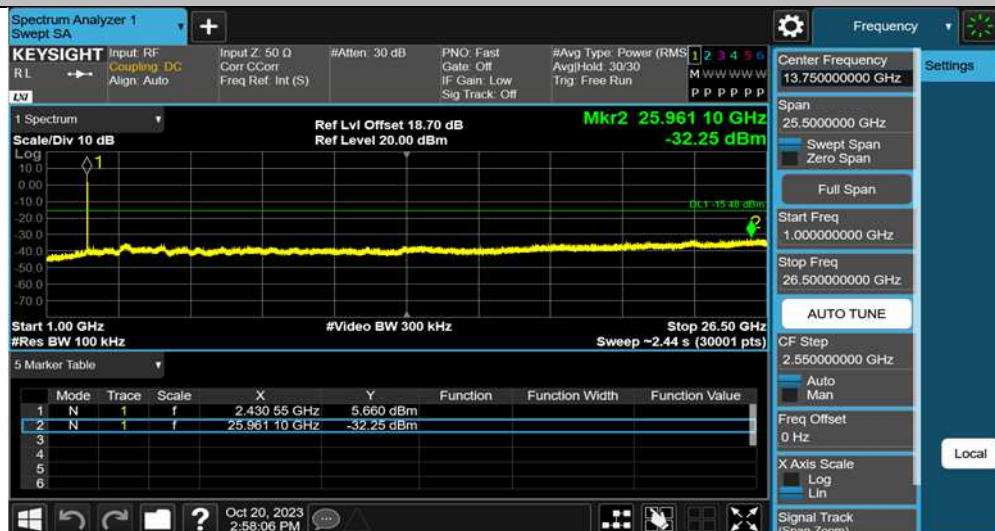
11G_Ant2_2437_0~Reference



11G_Ant2_2437_30~1000



11G_Ant2_2437_1000~26500



11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



11G_Ant2_2462_1000~26500



11N20_Ant2_2412_0~Reference



11N20_Ant2_2412_30~1000



11N20_Ant2_2412_1000~26500



11N20_Ant2_2437_0~Reference



11N20_Ant2_2437_30~1000



11N20_Ant2_2437_1000~26500



11N20_Ant2_2462_0~Reference



11N20_Ant2_2462_30~1000



11N20_Ant2_2462_1000~26500



11N40_Ant2_2422_0~Reference



11N40_Ant2_2422_30~1000



11N40_Ant2_2422_1000~26500



11N40_Ant2_2437_0~Reference



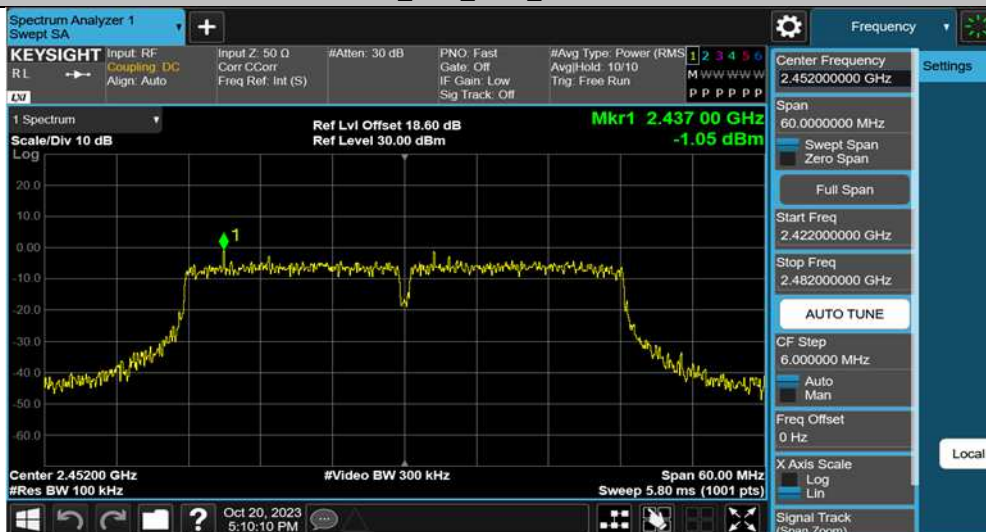
11N40_Ant2_2437_30~1000



11N40_Ant2_2437_1000~26500



11N40_Ant2_2452_0~Reference



11N40_Ant2_2452_30~1000



11N40_Ant2_2452_1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

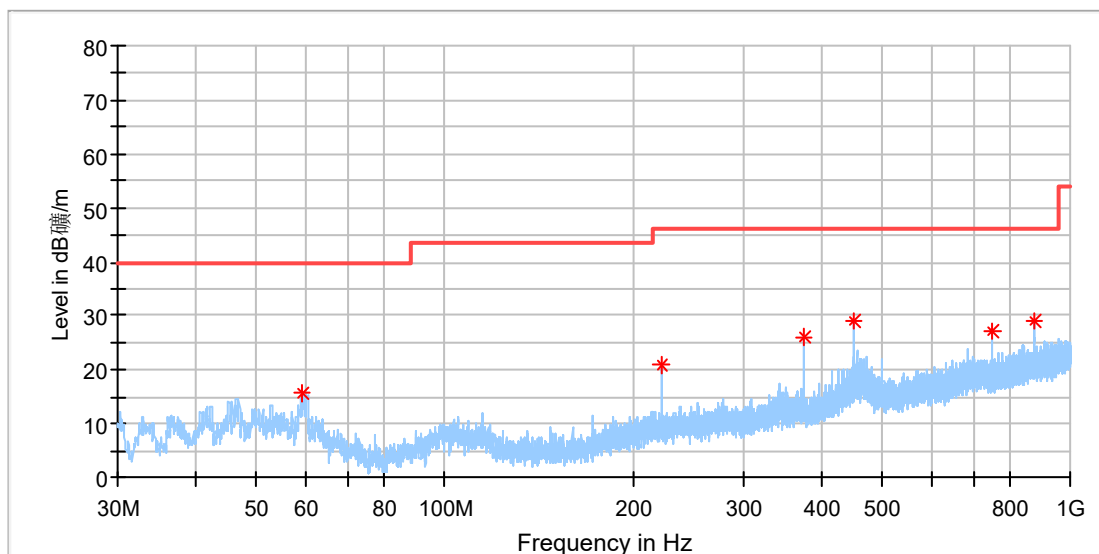
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

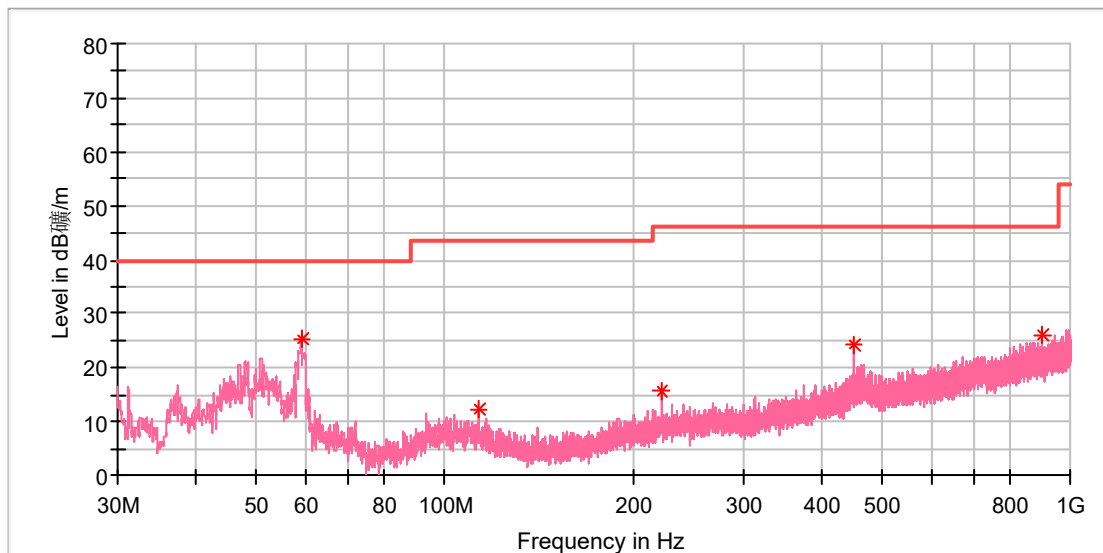
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.137308	15.56	40.00	24.44	100.0	H	2.0	-19.2
221.201923	20.95	46.00	25.05	100.0	H	72.0	-18.8
375.021539	26.21	46.00	19.79	100.0	H	304.0	-14.7
450.010000	29.10	46.00	16.90	100.0	H	89.0	-13.3
750.038462	27.15	46.00	18.85	100.0	H	285.0	-7.6
875.056539	29.05	46.00	16.95	100.0	H	0.0	-5.6

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 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)
59.137308	25.24	40.00	14.76	100.0	V	74.0	-19.2
113.046923	12.46	43.50	31.04	100.0	V	33.0	-19.8
221.201923	15.56	46.00	30.44	100.0	V	122.0	-18.8
450.010000	24.24	46.00	21.76	100.0	V	171.0	-13.3
900.686923	25.94	46.00	20.06	100.0	V	0.0	-5.4

Final Result

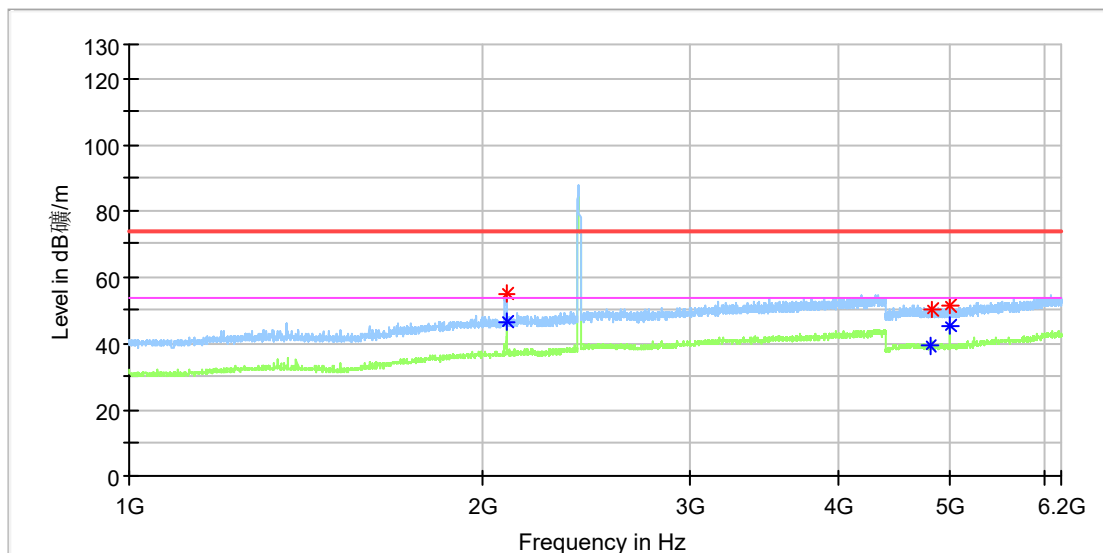
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

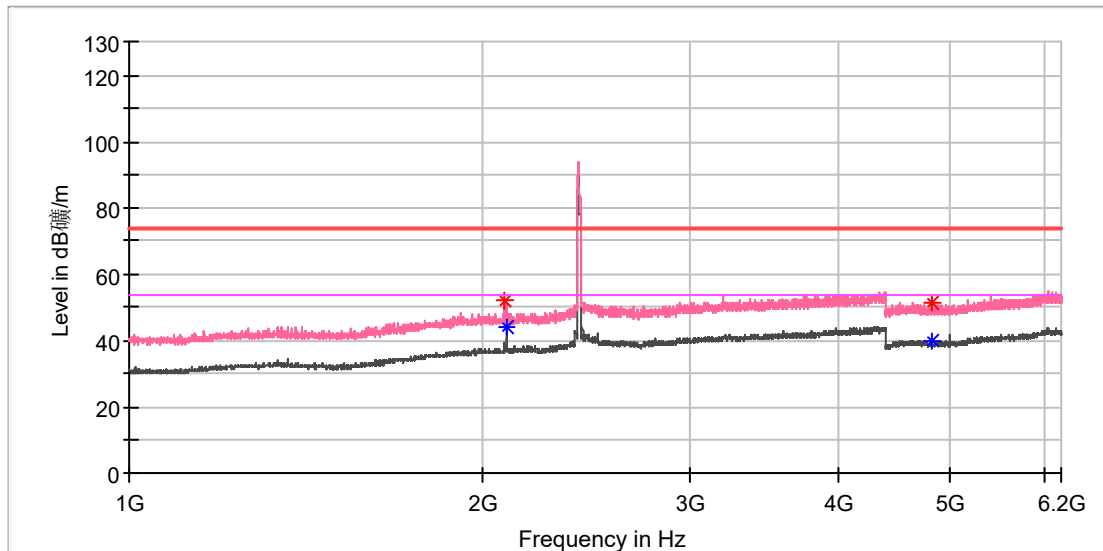
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2092.000000	55.06	---	74.00	18.94	150.0	H	83.0	6.0
2092.000000	---	46.76	54.00	7.24	150.0	H	83.0	6.0
4807.000000	---	39.52	54.00	14.48	150.0	H	279.0	11.8
4823.500000	50.19	---	74.00	23.81	150.0	H	130.0	11.8
5000.000000	---	45.46	54.00	8.54	150.0	H	61.0	11.8
5000.500000	51.50	---	74.00	22.50	150.0	H	61.0	11.9

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

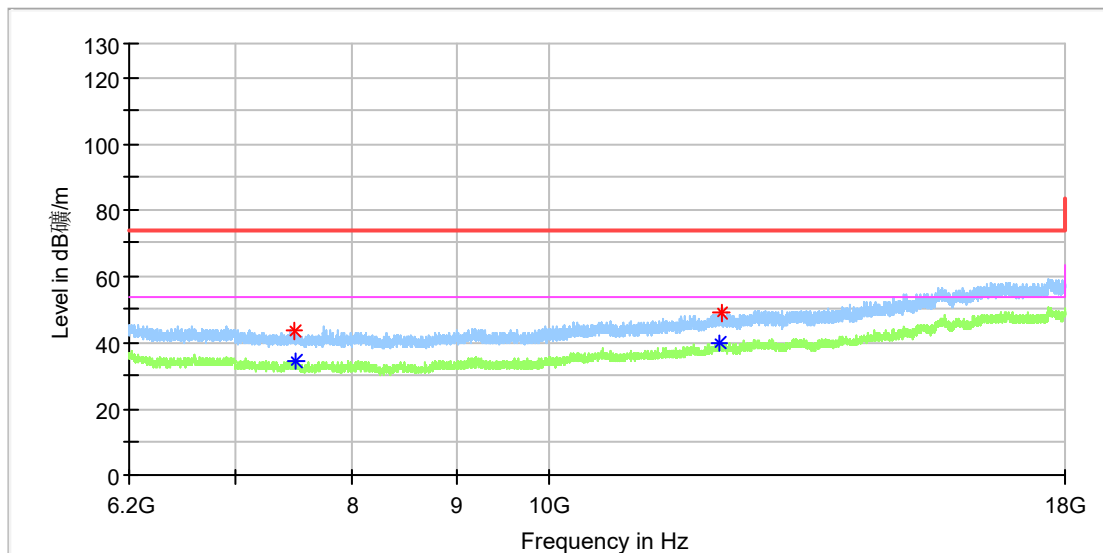
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2088.000000	52.20	---	74.00	21.80	150.0	V	328.0	6.0
2092.500000	---	44.41	54.00	9.59	150.0	V	343.0	6.0
4820.000000	51.43	---	74.00	22.57	150.0	V	163.0	11.8
4824.000000	---	40.14	54.00	13.86	150.0	V	231.0	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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

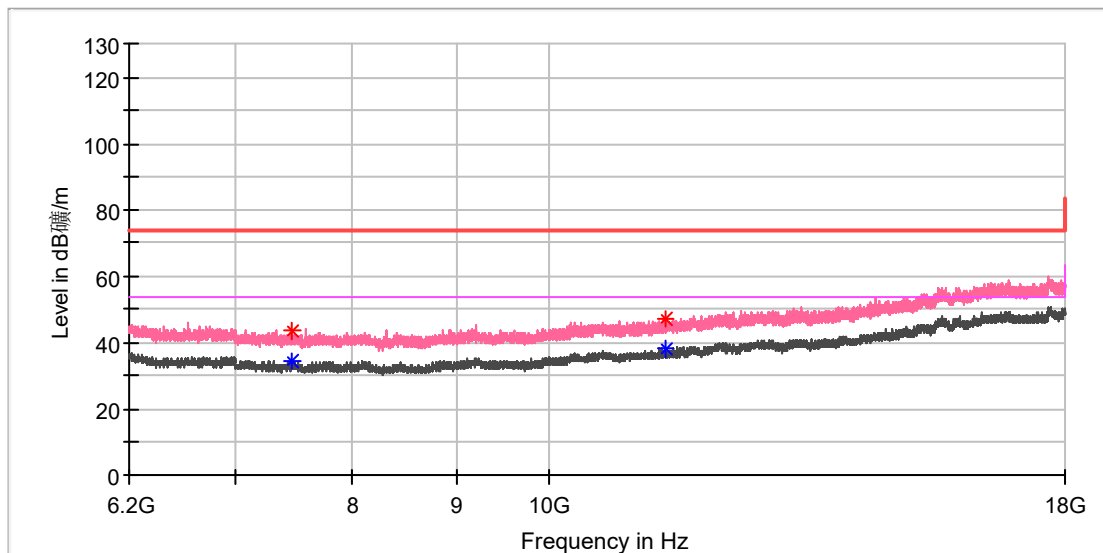
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7470.958333	43.58	---	74.00	30.42	150.0	H	359.0	8.6
7493.575000	---	34.32	54.00	19.68	150.0	H	326.0	8.7
12158.508333	---	39.65	54.00	14.35	150.0	H	135.0	14.5
12183.091667	48.85	---	74.00	25.15	150.0	H	169.0	14.6

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

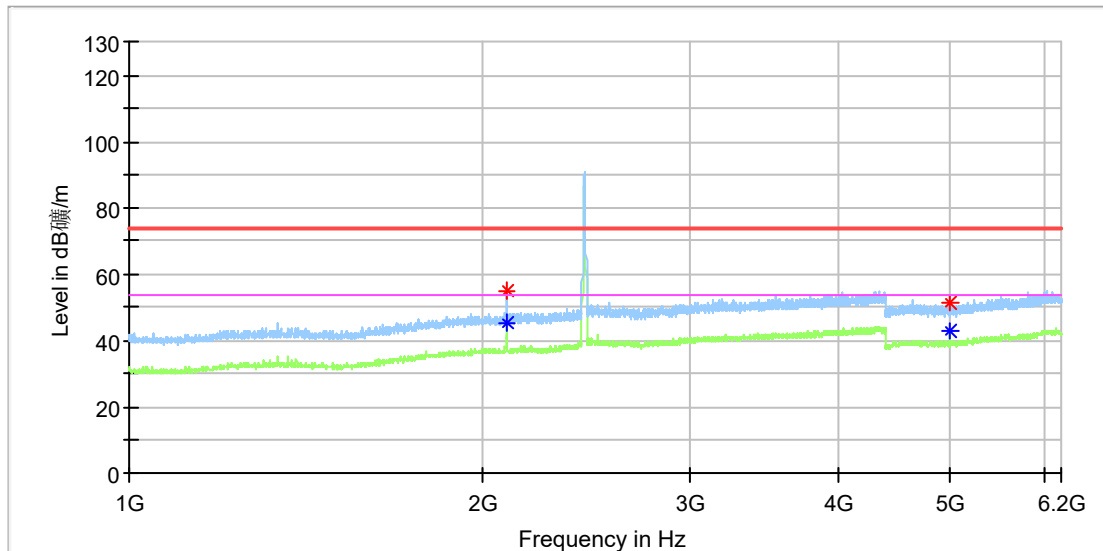
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7459.650000	---	34.59	54.00	19.41	150.0	V	71.0	8.5
7460.633333	43.28	---	74.00	30.72	150.0	V	201.0	8.5
11406.258333	47.25	---	74.00	26.75	150.0	V	178.0	12.8
11406.258333	---	38.14	54.00	15.86	150.0	V	178.0	12.8

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

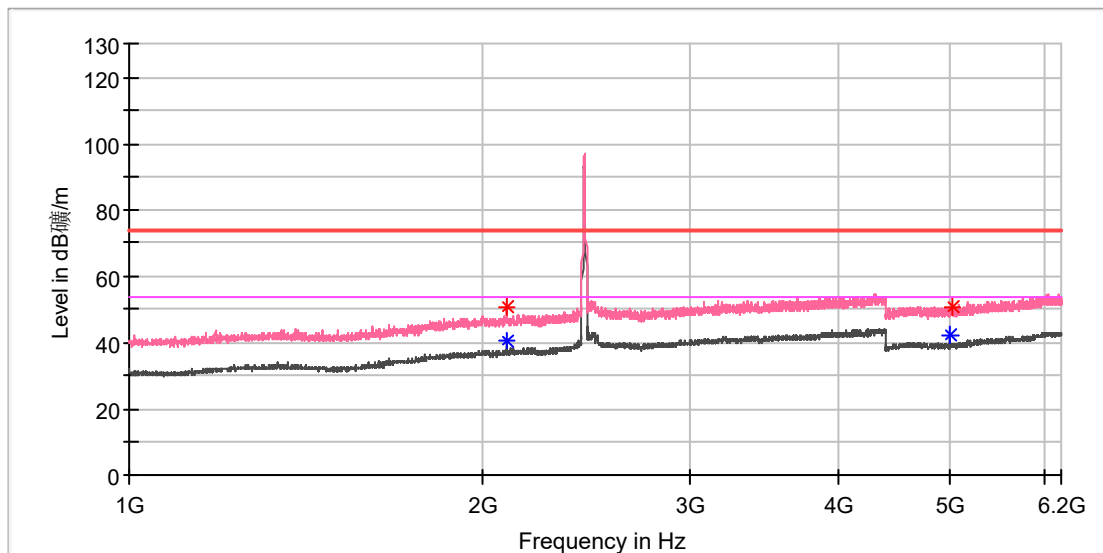
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2093.000000	55.31	---	74.00	18.69	150.0	H	349.0	6.0
2093.000000	---	45.08	54.00	8.92	150.0	H	349.0	6.0
4998.500000	51.26	---	74.00	22.74	150.0	H	280.0	11.8
5000.000000	---	42.71	54.00	11.29	150.0	H	184.0	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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

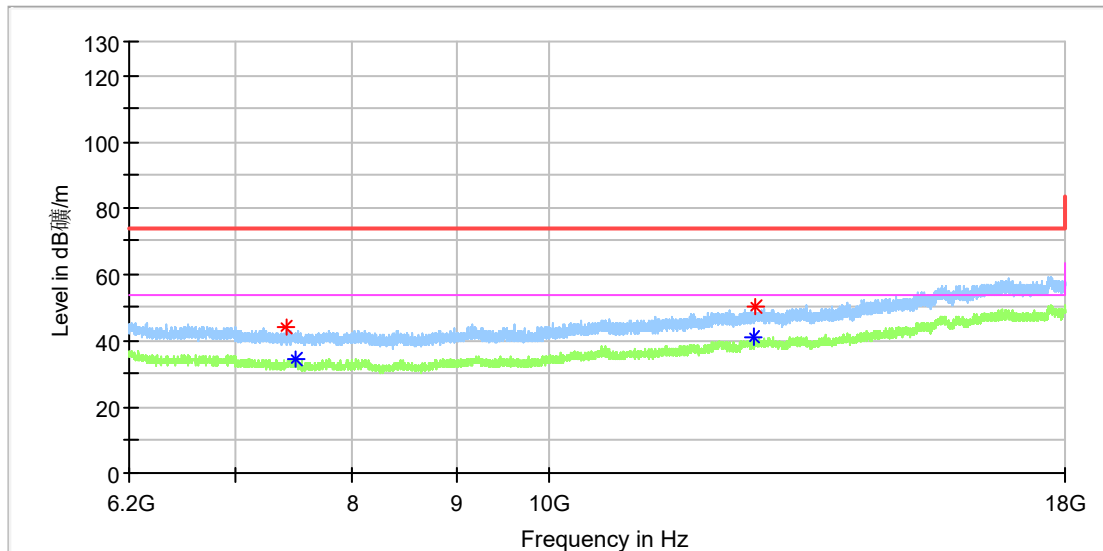
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2092.500000	---	40.40	54.00	13.60	150.0	V	232.0	6.0
2094.500000	50.69	---	74.00	23.31	150.0	V	232.0	6.0
5000.000000	---	42.13	54.00	11.87	150.0	V	21.0	11.8
5010.000000	50.89	---	74.00	23.11	150.0	V	291.0	11.9

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

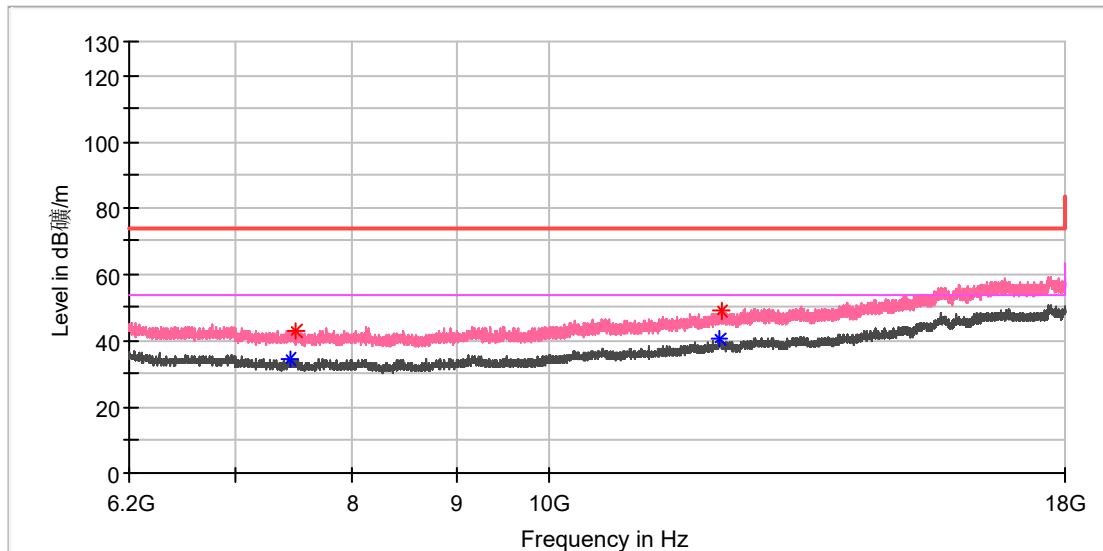
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7408.516667	44.16	---	74.00	29.84	150.0	H	281.0	8.3
7499.966667	---	34.41	54.00	19.59	150.0	H	101.0	8.7
12638.866667	---	41.00	54.00	13.00	150.0	H	296.0	15.0
12669.350000	49.94	---	74.00	24.06	150.0	H	115.0	15.1

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

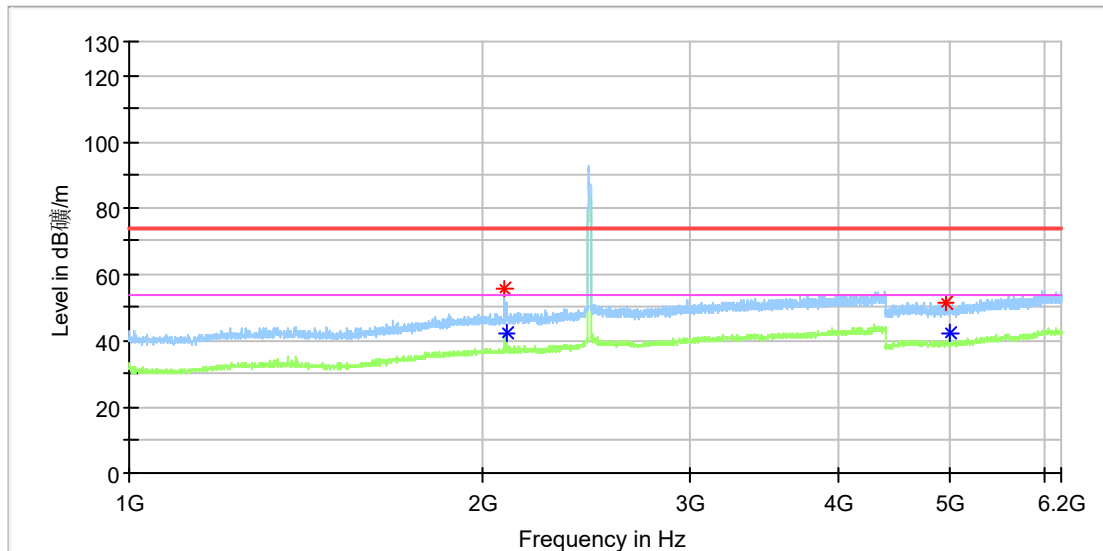
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	34.37	54.00	19.63	150.0	V	185.0	8.4
7490.625000	43.19	---	74.00	30.81	150.0	V	113.0	8.7
12149.658333	---	40.22	54.00	13.78	150.0	V	19.0	14.4
12167.850000	48.86	---	74.00	25.14	150.0	V	19.0	14.5

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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

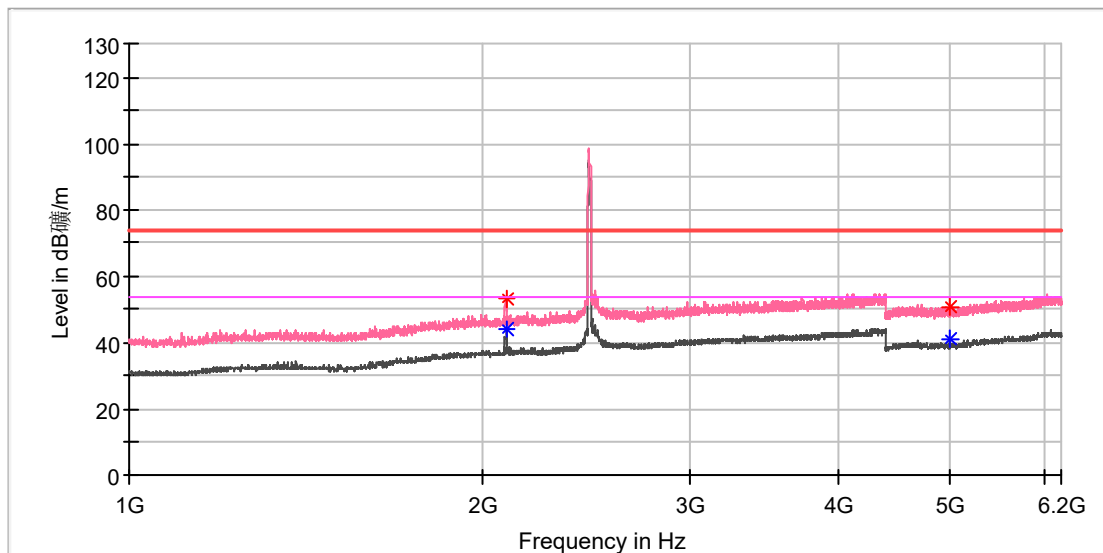
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2088.500000	55.36	---	74.00	18.64	150.0	H	223.0	6.0
2093.500000	---	42.35	54.00	11.65	150.0	H	211.0	6.0
4954.500000	51.39	---	74.00	22.61	150.0	H	282.0	11.8
5000.000000	---	42.34	54.00	11.66	150.0	H	182.0	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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EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

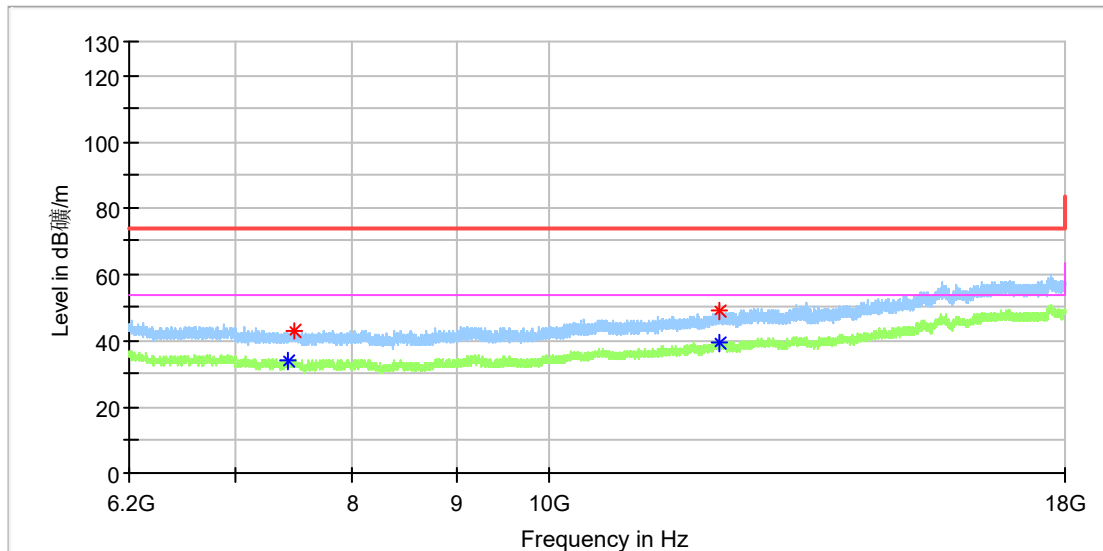
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2092.500000	---	43.92	54.00	10.08	150.0	V	29.0	6.0
2094.000000	53.36	---	74.00	20.64	150.0	V	29.0	6.0
4997.000000	50.72	---	74.00	23.28	150.0	V	256.0	11.8
5000.000000	---	41.37	54.00	12.63	150.0	V	93.0	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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EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

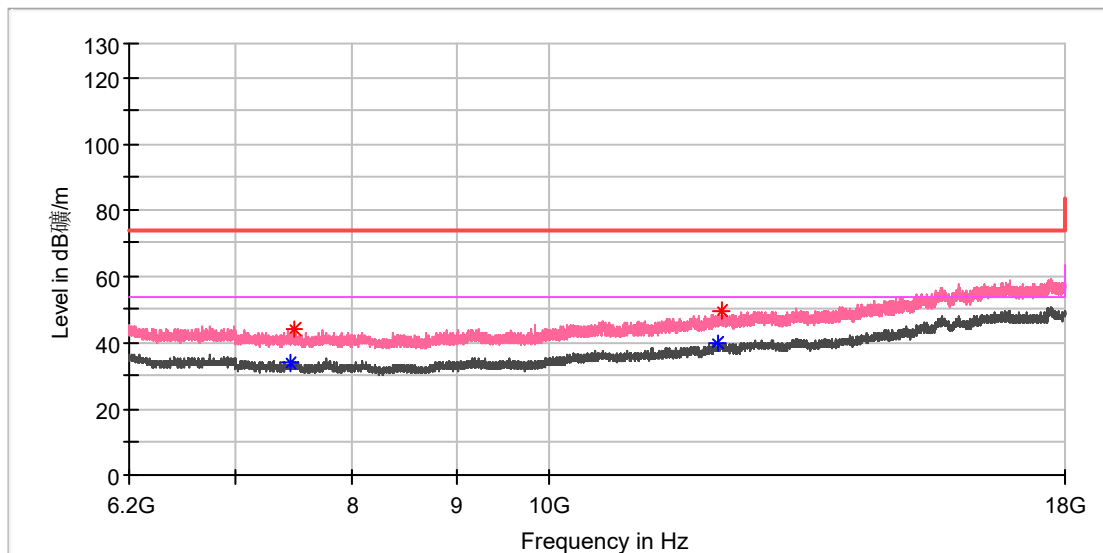
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7433.100000	---	34.07	54.00	19.93	150.0	H	26.0	8.4
7481.775000	42.67	---	74.00	31.33	150.0	H	0.0	8.7
12139.825000	49.10	---	74.00	24.90	150.0	H	168.0	14.4
12158.508333	---	39.42	54.00	14.58	150.0	H	168.0	14.5

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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

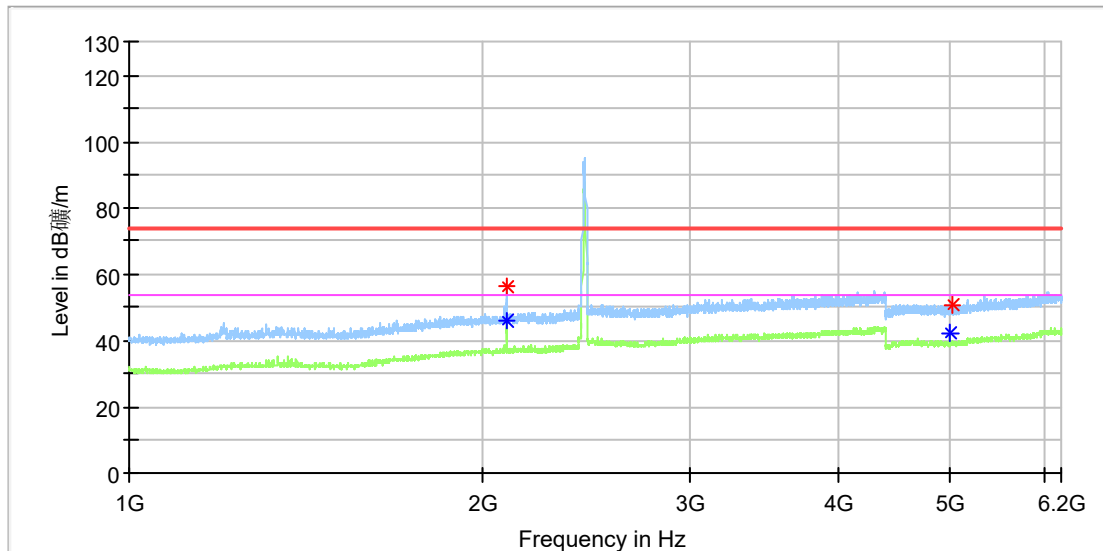
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7447.358333	---	34.09	54.00	19.91	150.0	V	205.0	8.5
7480.300000	43.94	---	74.00	30.06	150.0	V	216.0	8.7
12130.483333	---	39.70	54.00	14.30	150.0	V	228.0	14.3
12169.816667	49.45	---	74.00	24.55	150.0	V	228.0	14.5

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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

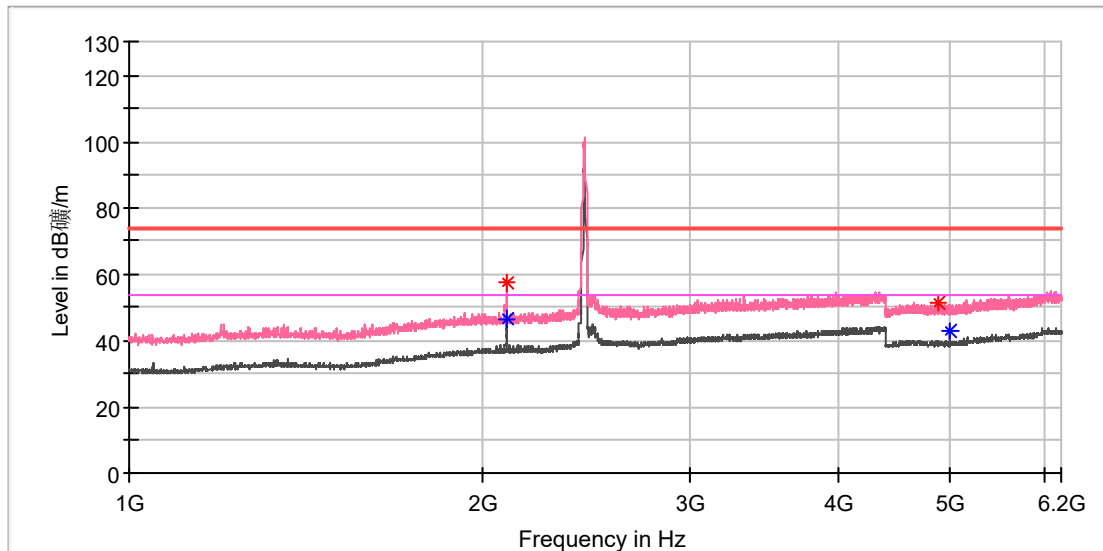
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2094.500000	---	46.23	54.00	7.77	150.0	H	253.0	6.0
2095.000000	56.21	---	74.00	17.79	150.0	H	253.0	6.0
5000.000000	---	42.36	54.00	11.64	150.0	H	323.0	11.8
5010.000000	51.04	---	74.00	22.96	150.0	H	311.0	11.9

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

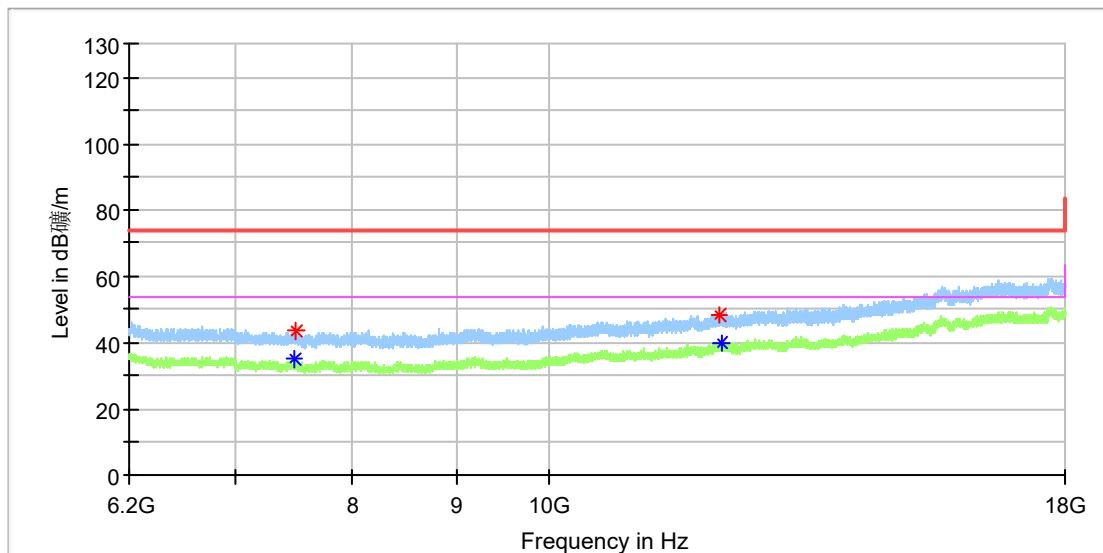
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2094.500000	57.44	---	74.00	16.56	150.0	V	188.0	6.0
2094.500000	---	46.72	54.00	7.28	150.0	V	188.0	6.0
4869.000000	51.42	---	74.00	22.58	150.0	V	315.0	11.8
5000.000000	---	43.09	54.00	10.91	150.0	V	15.0	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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

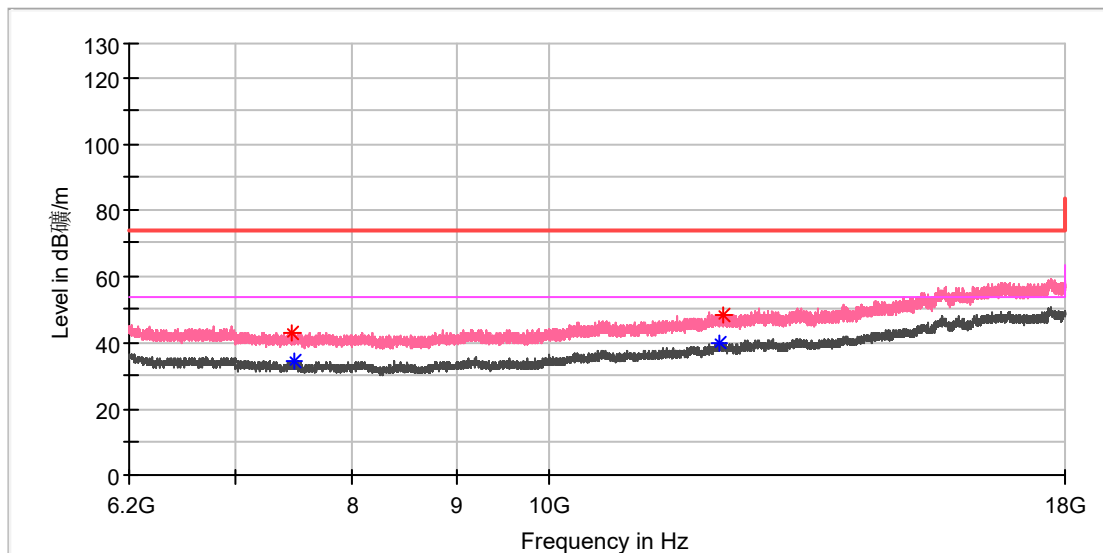
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7477.350000	---	34.88	54.00	19.12	150.0	H	205.0	8.6
7501.441667	43.73	---	74.00	30.27	150.0	H	133.0	8.7
12137.366667	48.62	---	74.00	25.38	150.0	H	181.0	14.3
12171.783333	---	40.08	54.00	13.92	150.0	H	15.0	14.5

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

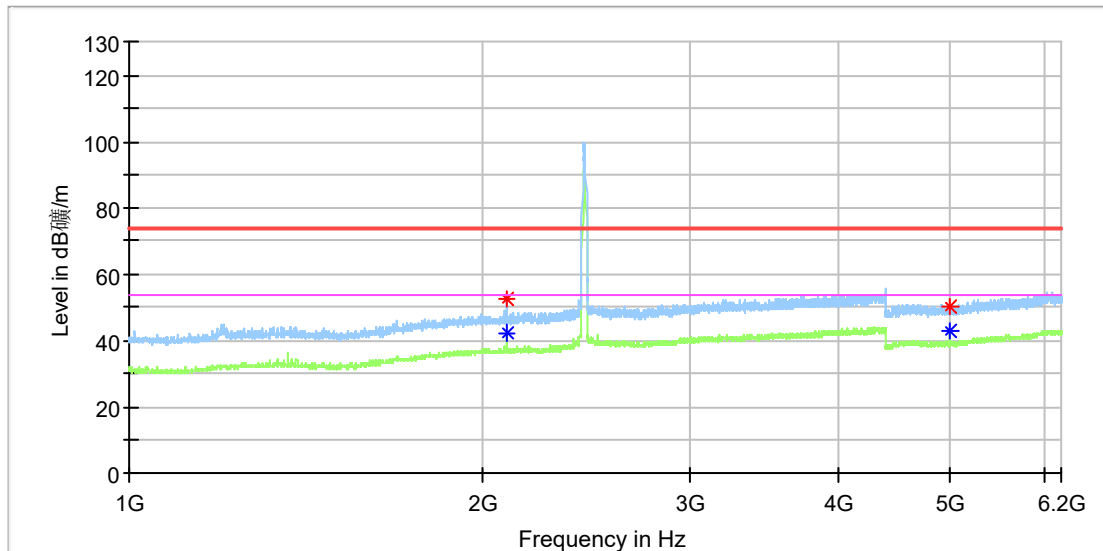
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	42.97	---	74.00	31.03	150.0	V	315.0	8.6
7486.200000	---	34.35	54.00	19.65	150.0	V	170.0	8.7
12135.891667	---	39.62	54.00	14.38	150.0	V	244.0	14.3
12193.908333	48.66	---	74.00	25.34	150.0	V	359.0	14.6

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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

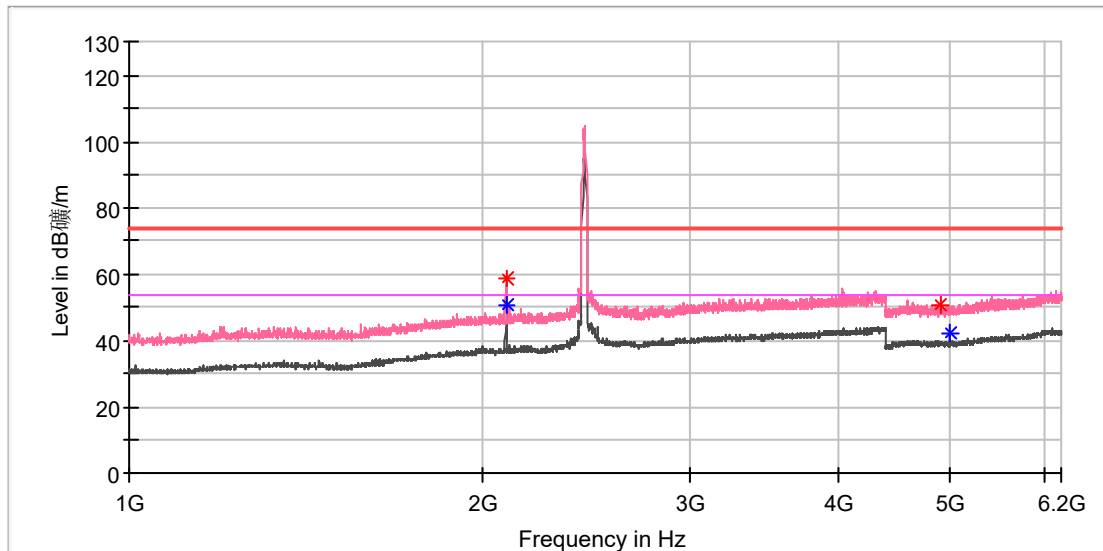
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2092.500000	---	42.61	54.00	11.39	150.0	H	317.0	6.0
2093.000000	52.30	---	74.00	21.70	150.0	H	22.0	6.0
4998.000000	50.44	---	74.00	23.56	150.0	H	114.0	11.8
5000.000000	---	42.84	54.00	11.16	150.0	H	341.0	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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EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

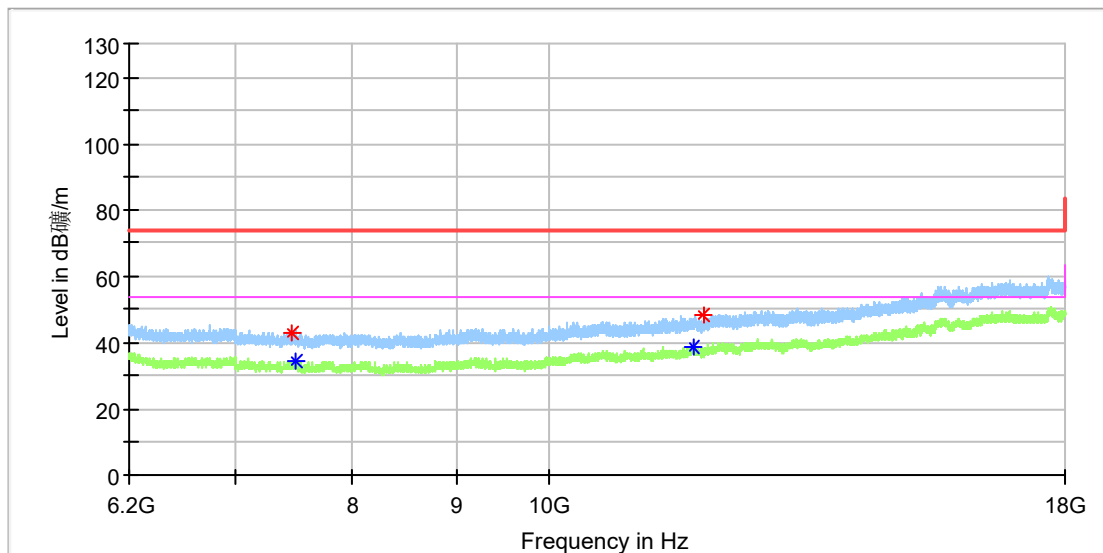
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2093.500000	58.88	---	74.00	15.12	150.0	V	154.0	6.0
2093.500000	---	50.89	54.00	3.11	150.0	V	154.0	6.0
4894.000000	50.76	---	74.00	23.24	150.0	V	213.0	11.8
5000.000000	---	42.60	54.00	11.40	150.0	V	15.0	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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EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

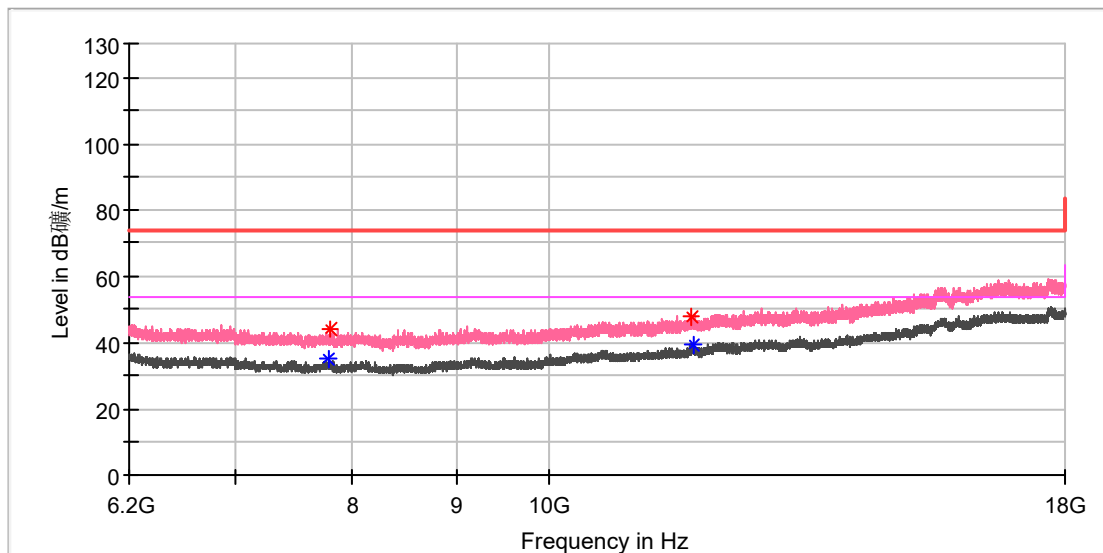
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7464.566667	42.91	---	74.00	31.09	150.0	H	297.0	8.6
7488.166667	---	34.67	54.00	19.33	150.0	H	320.0	8.7
11800.575000	---	38.80	54.00	15.20	150.0	H	189.0	13.4
11934.800000	48.41	---	74.00	25.59	150.0	H	0.0	13.8

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

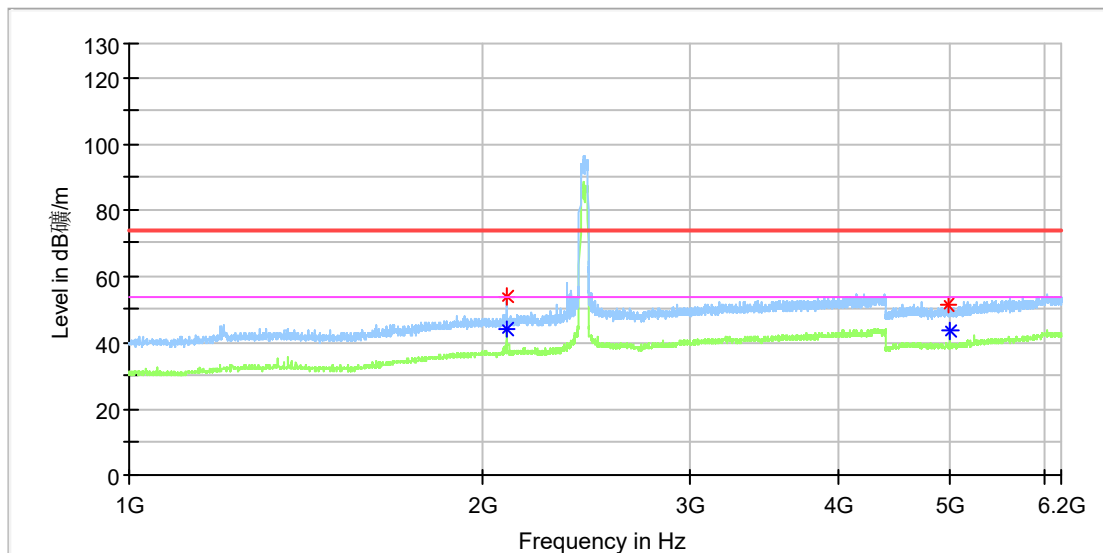
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7781.200000	---	34.82	54.00	19.18	150.0	V	231.0	8.9
7785.133333	44.41	---	74.00	29.59	150.0	V	119.0	8.9
11775.991667	48.00	---	74.00	26.00	150.0	V	34.0	13.4
11794.675000	---	39.06	54.00	14.94	150.0	V	170.0	13.4

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

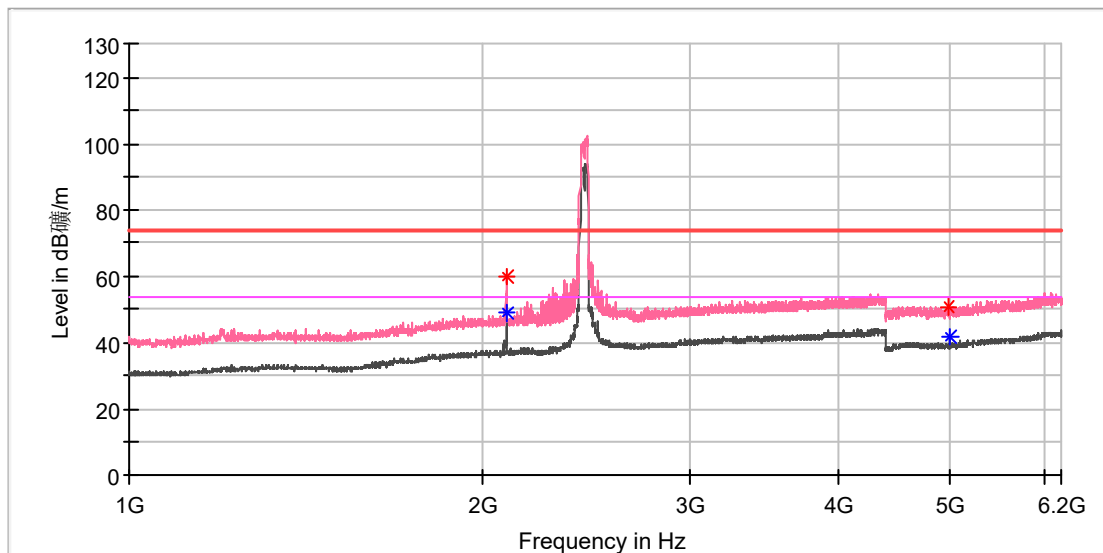
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2091.500000	---	44.15	54.00	9.85	150.0	H	2.0	6.0
2095.000000	53.54	---	74.00	20.46	150.0	H	118.0	6.0
4966.500000	51.20	---	74.00	22.80	150.0	H	347.0	11.8
5000.000000	---	43.32	54.00	10.68	150.0	H	179.0	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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

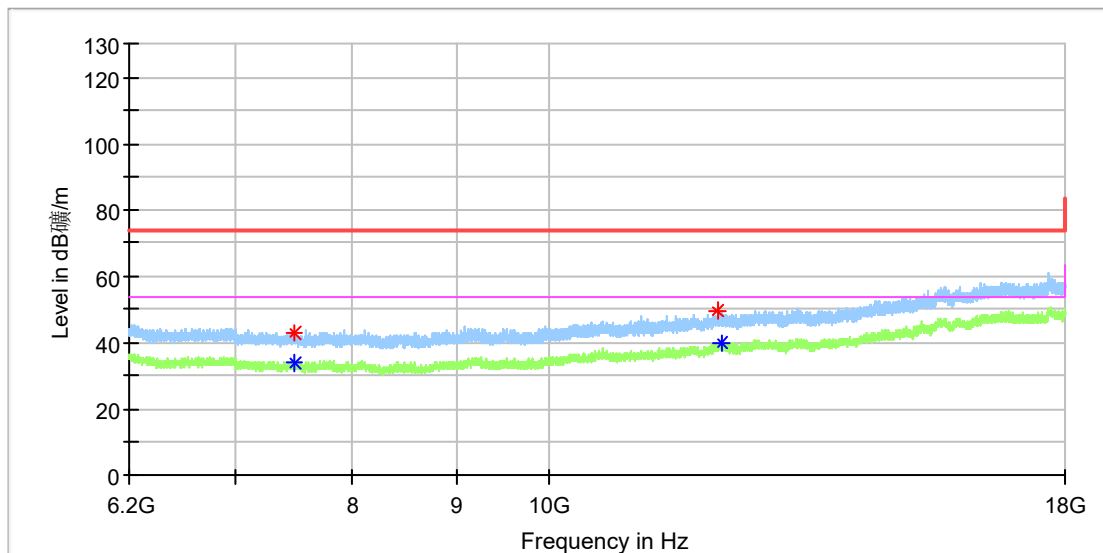
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2091.000000	---	48.83	54.00	5.17	150.0	V	13.0	6.0
2092.000000	60.05	---	74.00	13.95	150.0	V	13.0	6.0
4968.500000	51.09	---	74.00	22.91	150.0	V	262.0	11.8
5000.000000	---	41.86	54.00	12.14	150.0	V	7.0	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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

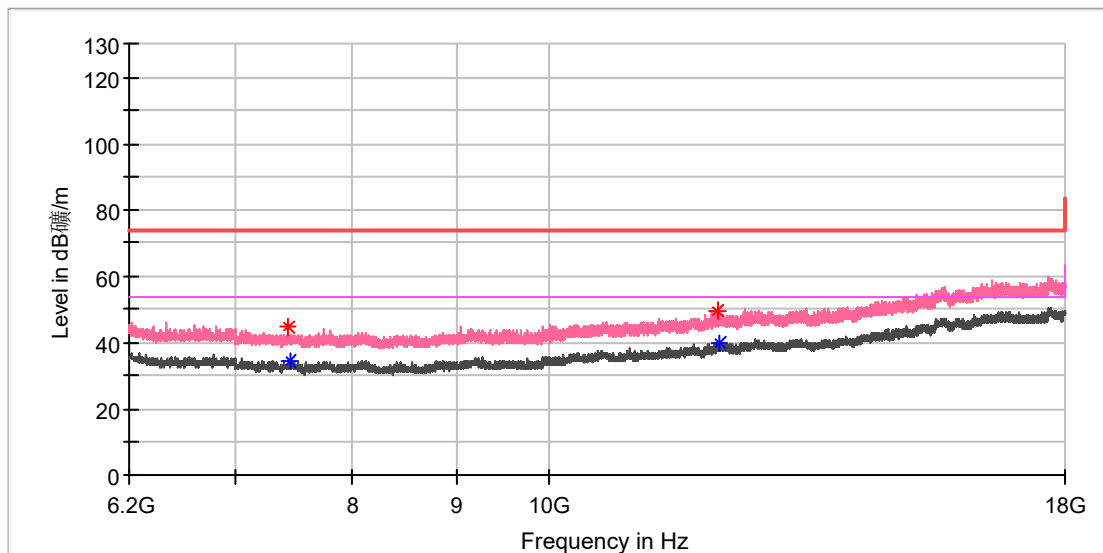
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7472.925000	43.01	---	74.00	30.99	150.0	H	80.0	8.6
7480.791667	---	33.86	54.00	20.14	150.0	H	40.0	8.7
12124.091667	49.46	---	74.00	24.54	150.0	H	248.0	14.3
12164.900000	---	39.80	54.00	14.20	150.0	H	313.0	14.5

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 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)
7423.266667	44.54	---	74.00	29.46	150.0	V	269.0	8.4
7444.900000	---	34.31	54.00	19.69	150.0	V	186.0	8.5
12108.850000	49.62	---	74.00	24.38	150.0	V	0.0	14.2
12142.775000	---	39.94	54.00	14.06	150.0	V	304.0	14.4

Final Result

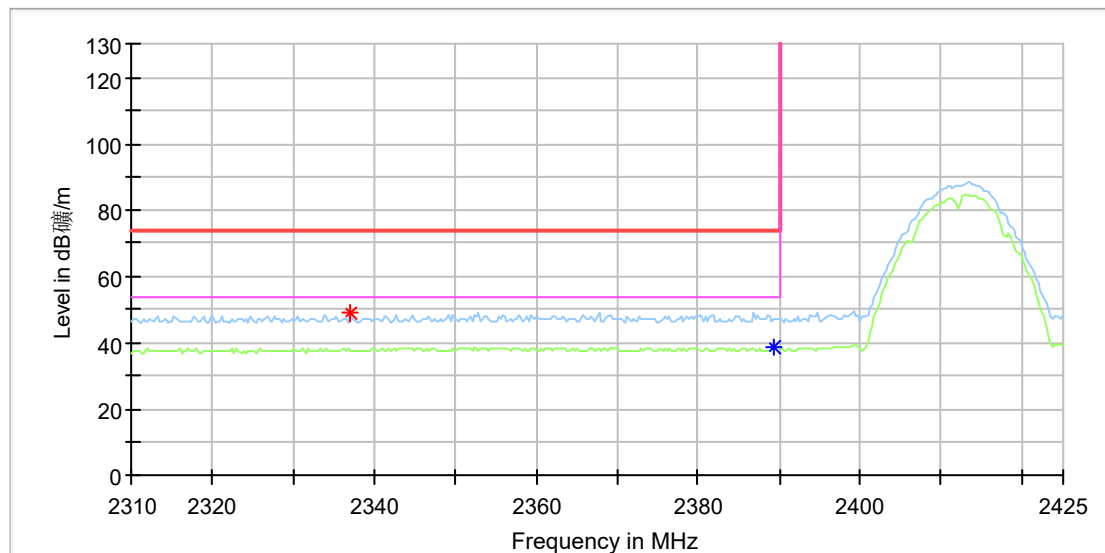
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

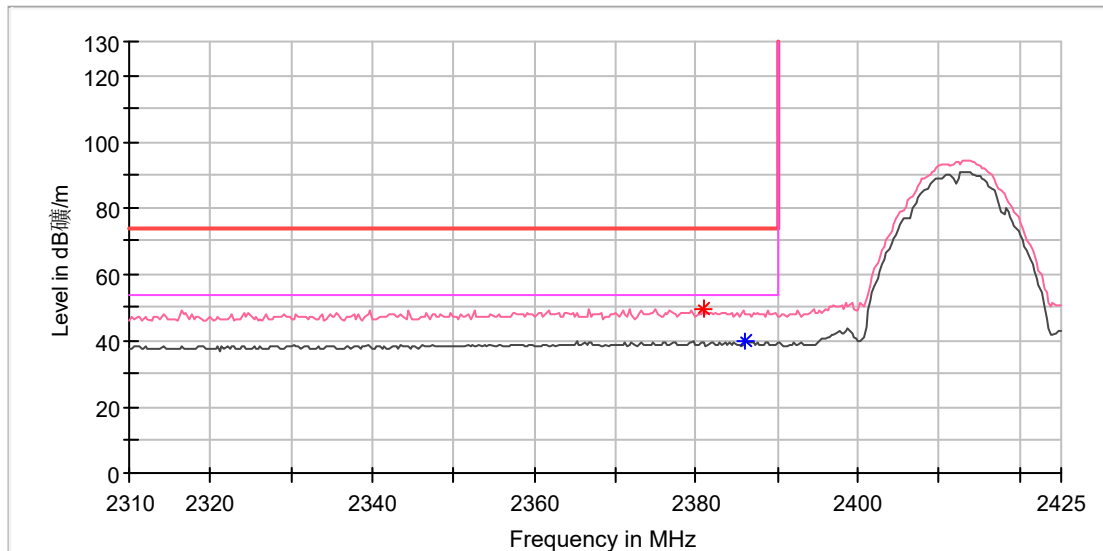
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.058824	48.91	---	74.00	25.09	150.0	H	155.0	6.8
2389.411765	---	38.66	54.00	15.34	150.0	H	334.0	7.0

Final_Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

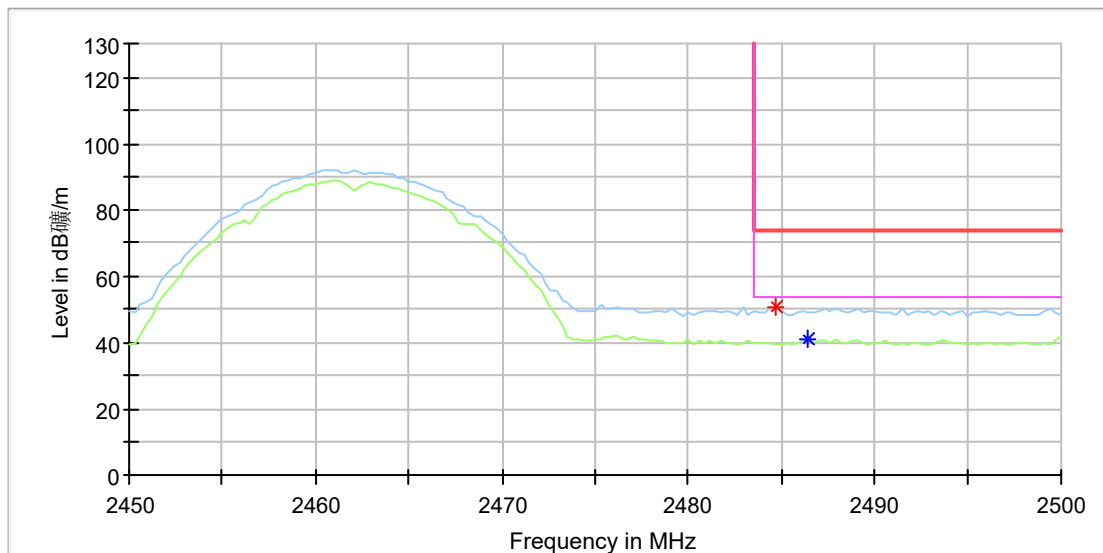
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.882353	49.73	---	74.00	24.27	150.0	V	93.0	7.0
2386.176471	---	39.78	54.00	14.22	150.0	V	263.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

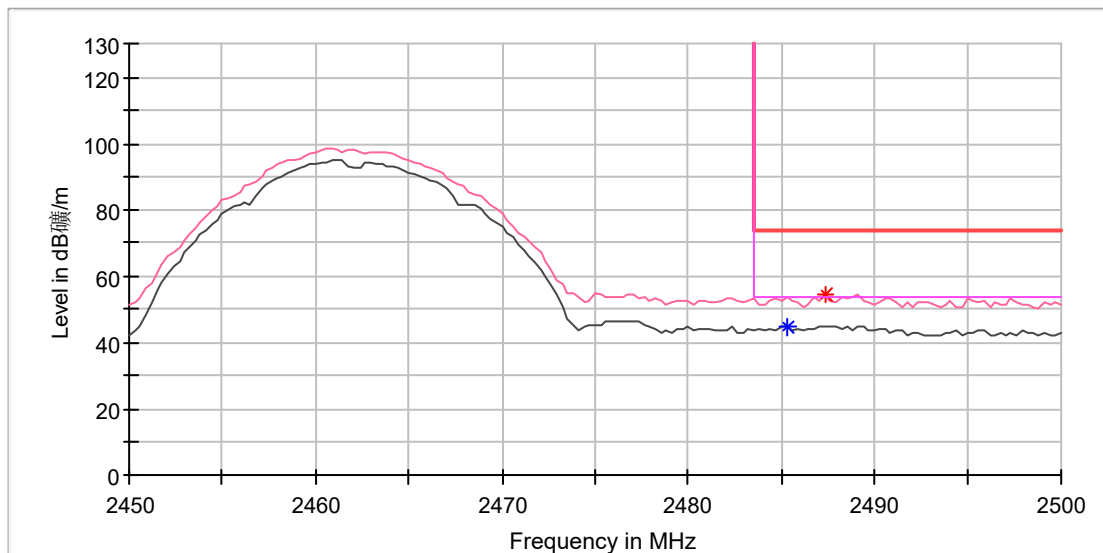
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	50.95	---	74.00	23.05	150.0	H	291.0	7.4
2486.470588	---	41.16	54.00	12.84	150.0	H	227.0	7.4

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 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)
2485.294118	---	44.94	54.00	9.06	150.0	V	180.0	7.4
2487.352941	54.13	---	74.00	19.87	150.0	V	173.0	7.4

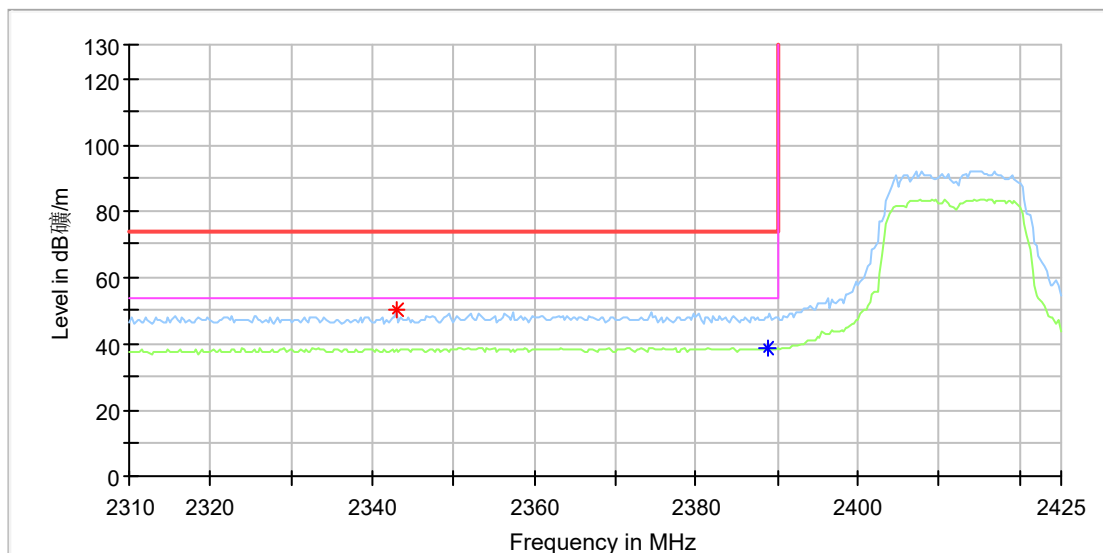
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

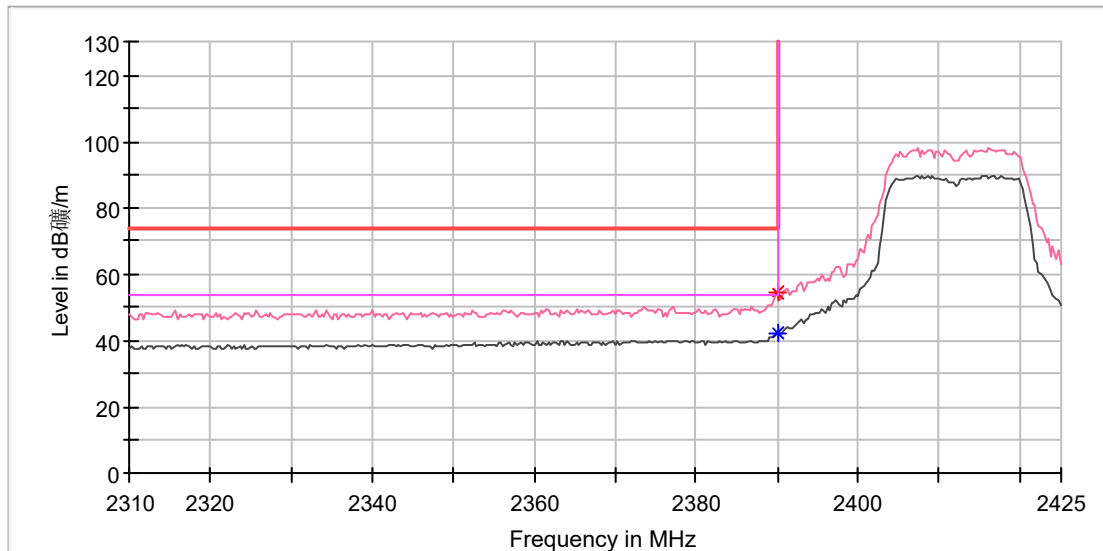
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2342.941177	49.97	---	74.00	24.03	150.0	H	227.0	6.8
2388.823529	---	38.83	54.00	15.17	150.0	H	206.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

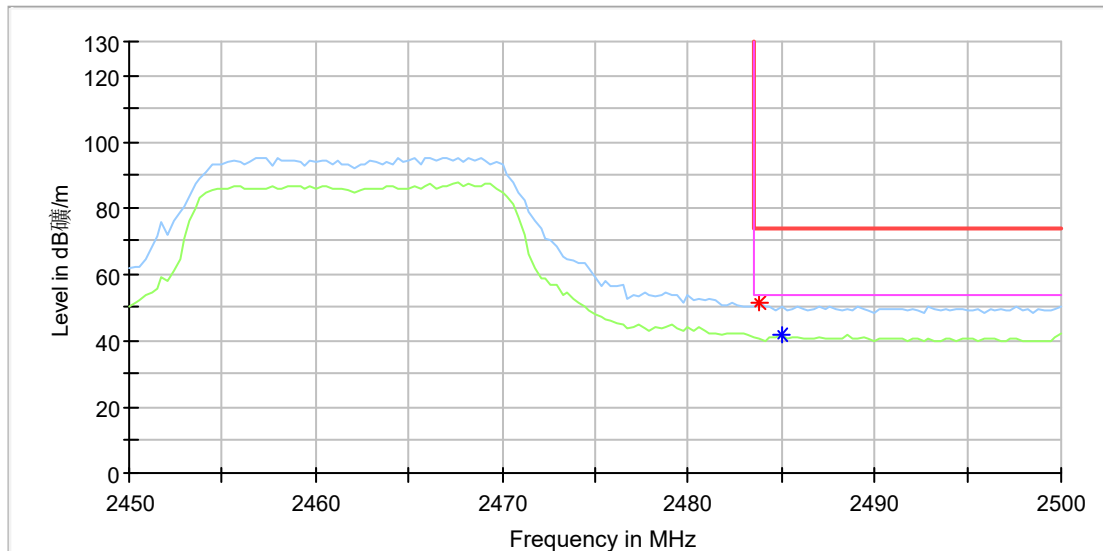
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	---	42.06	54.00	11.94	150.0	V	126.0	7.0
2390.000000	54.16	---	74.00	19.84	150.0	V	126.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

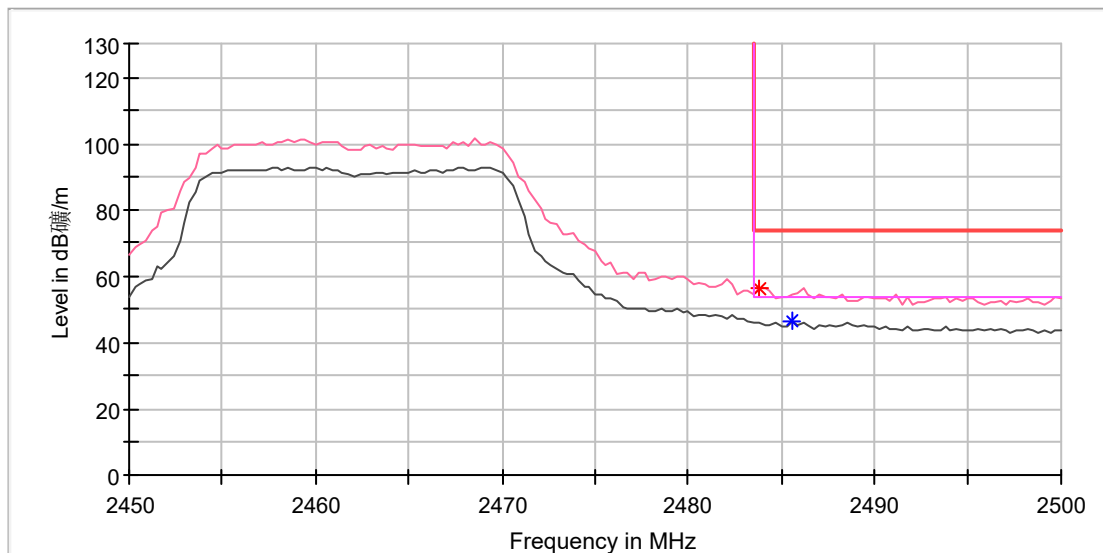
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	51.14	---	74.00	22.86	150.0	H	2.0	7.4
2485.000000	---	41.53	54.00	12.47	150.0	H	230.0	7.4

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 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)
2483.823529	56.19	---	74.00	17.81	150.0	V	174.0	7.4
2485.588235	---	46.31	54.00	7.69	150.0	V	168.0	7.4

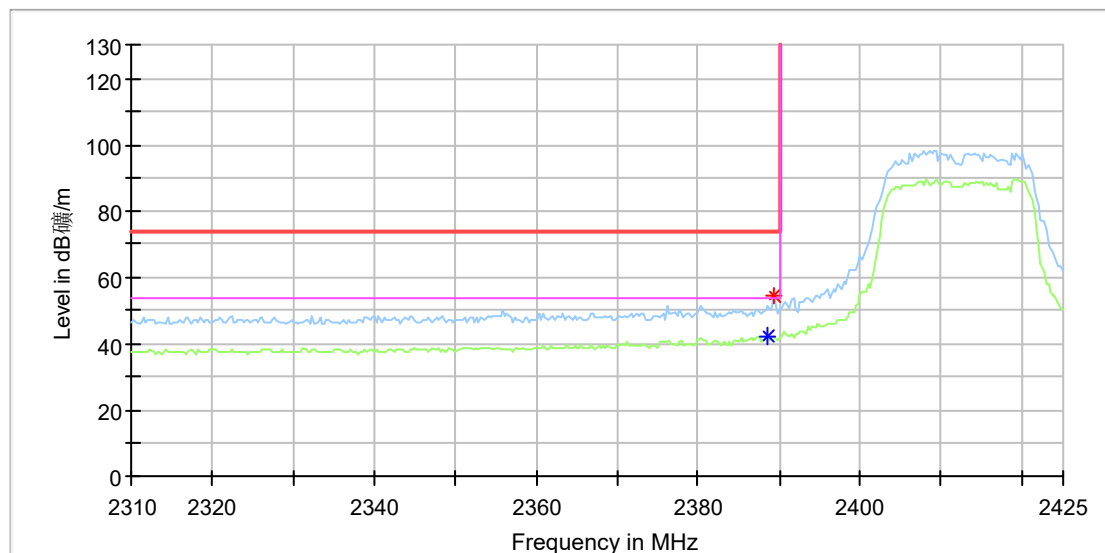
Final Result

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

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

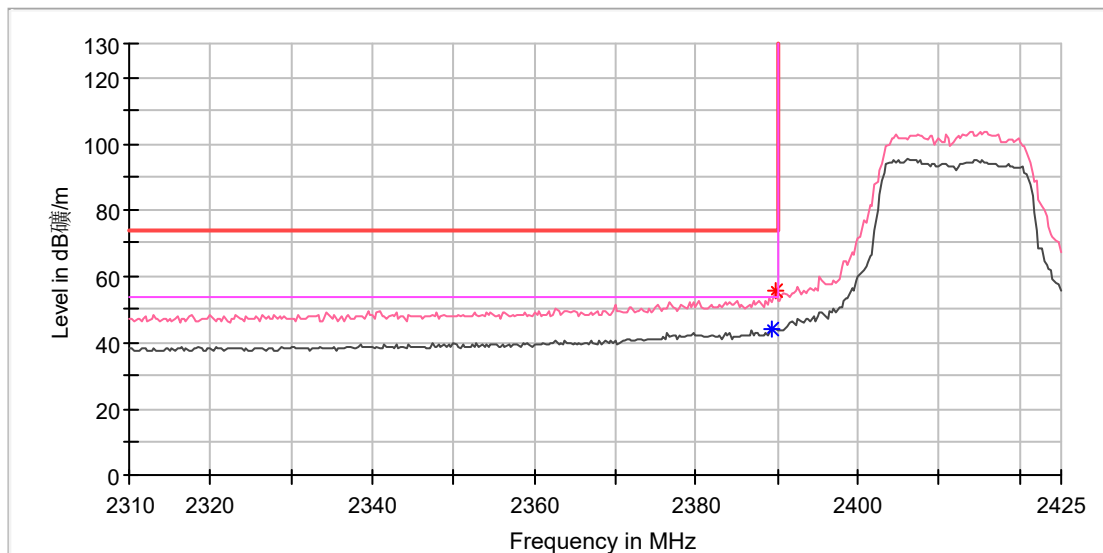
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	---	42.18	54.00	11.82	150.0	H	212.0	7.0
2389.411765	54.66	---	74.00	19.34	150.0	H	212.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

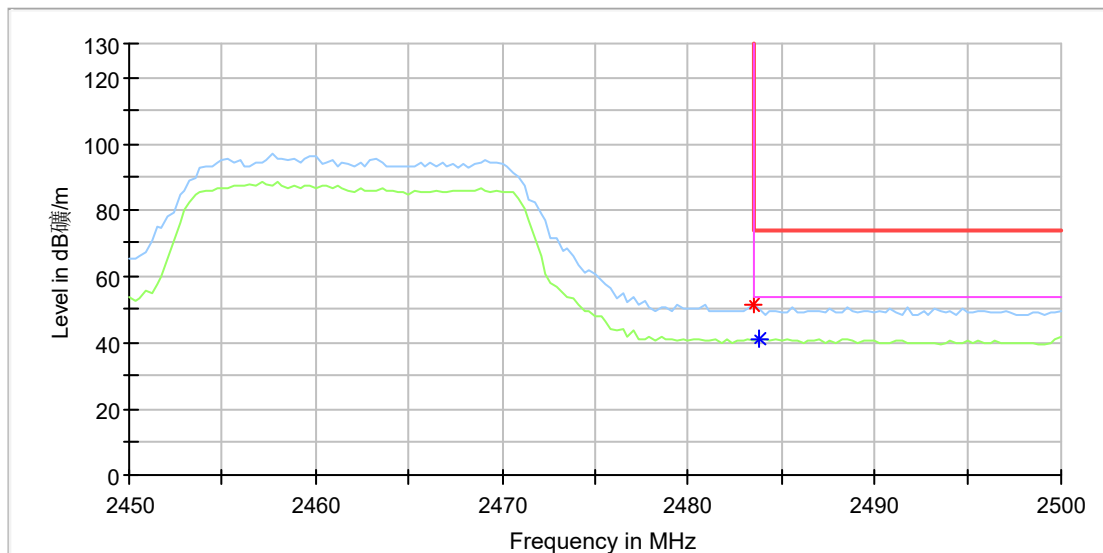
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	43.93	54.00	10.07	150.0	V	41.0	7.0
2389.705882	55.49	---	74.00	18.51	150.0	V	14.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

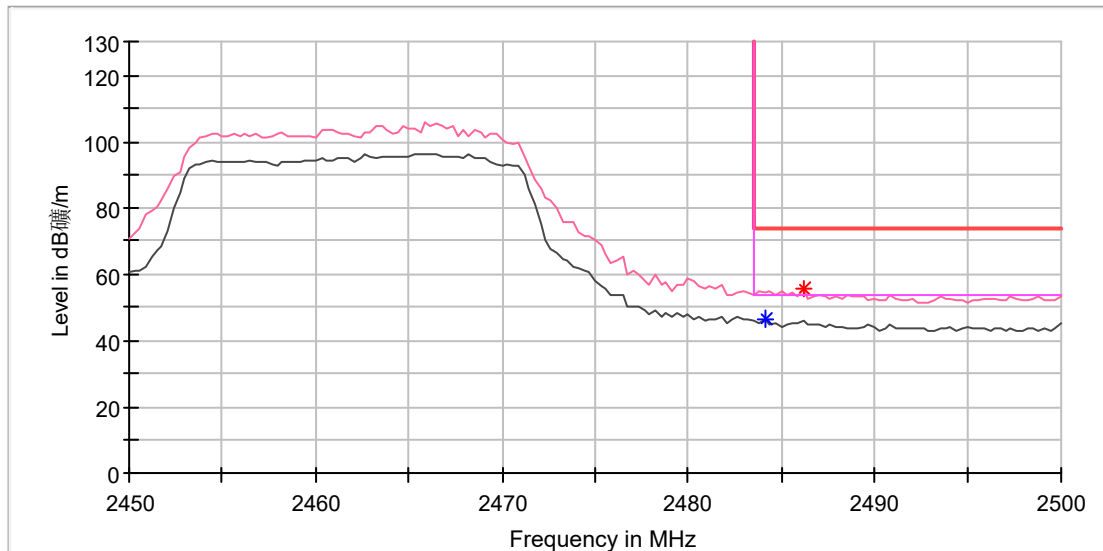
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	51.21	---	74.00	22.79	150.0	H	276.0	7.4
2483.823529	---	41.29	54.00	12.71	150.0	H	233.0	7.4

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 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)
2484.117647	---	46.75	54.00	7.25	150.0	V	294.0	7.4
2486.176471	55.38	---	74.00	18.62	150.0	V	170.0	7.4

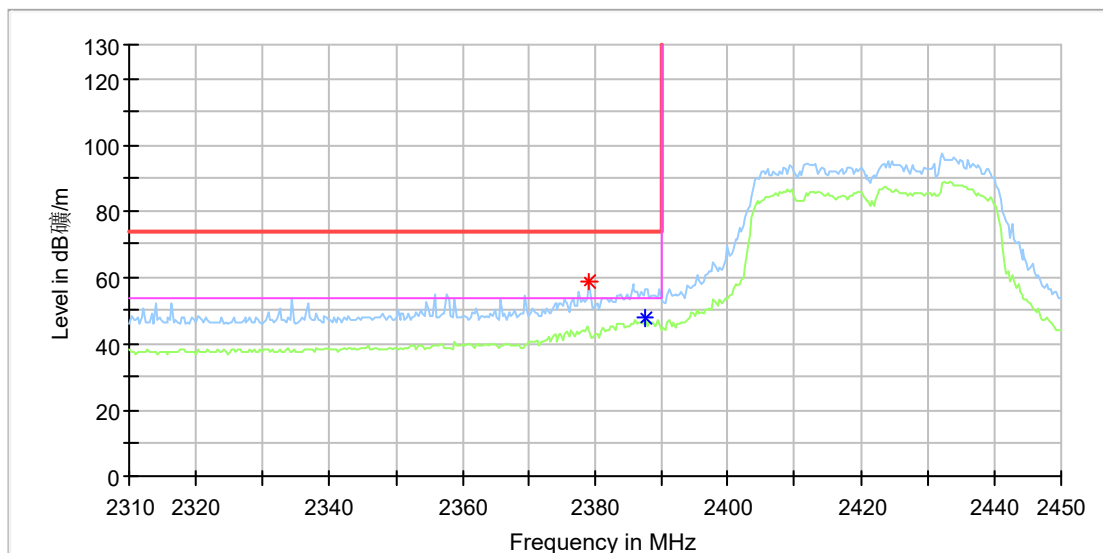
Final Result

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

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

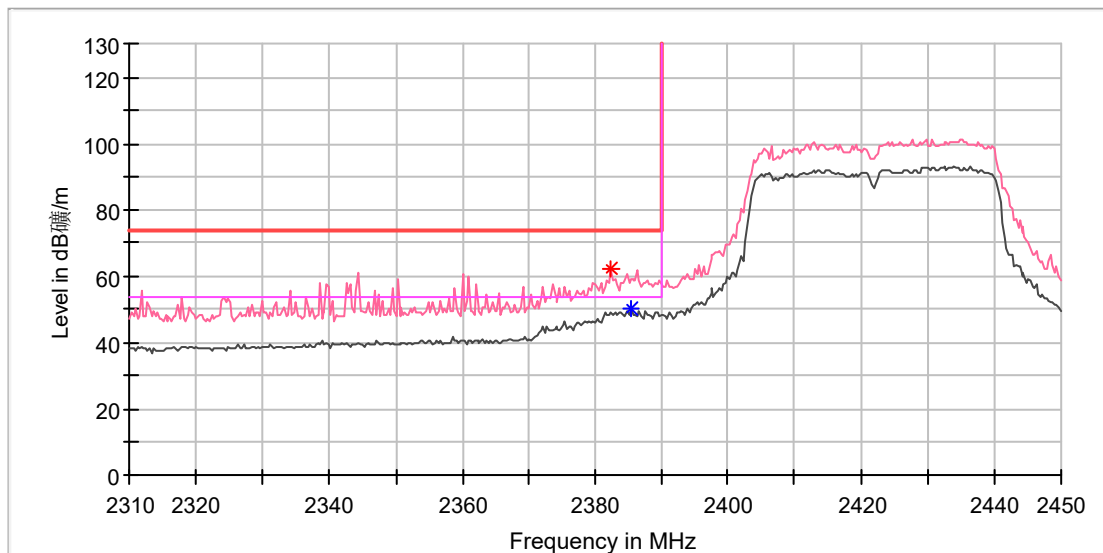
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2379.117647	58.91	---	74.00	15.09	150.0	H	210.0	7.0
2387.647059	---	47.96	54.00	6.04	150.0	H	217.0	7.0

Final Result

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

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

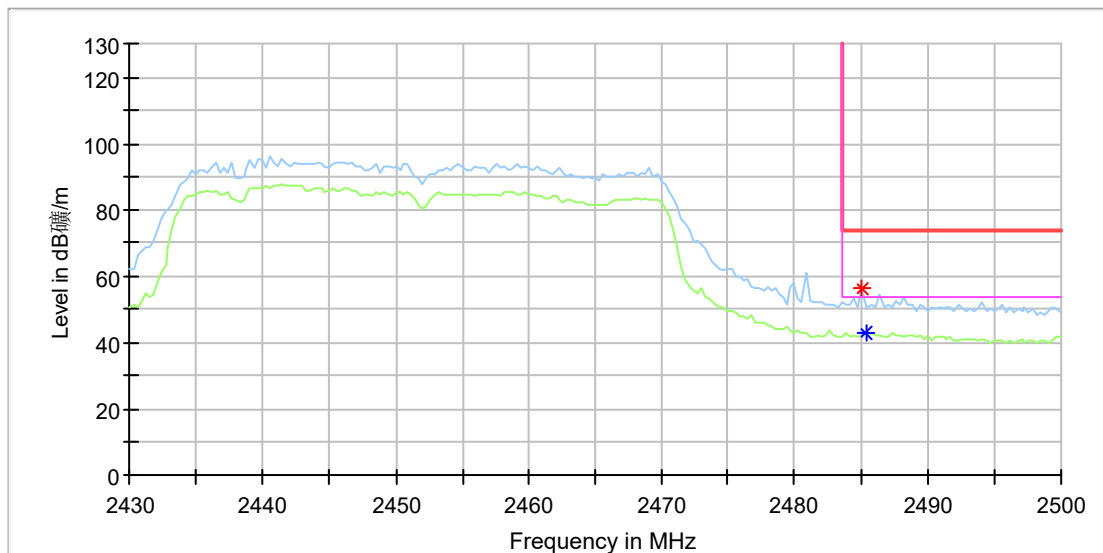
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2382.352941	62.39	---	74.00	11.61	150.0	V	38.0	7.0
2385.294118	---	49.94	54.00	4.06	150.0	V	356.0	7.0

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

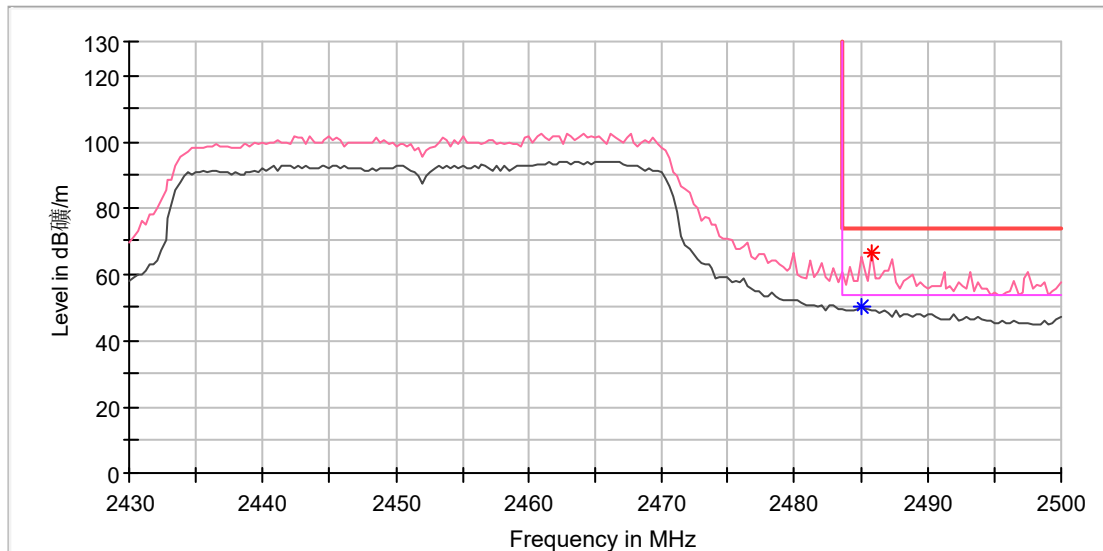
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	56.41	---	74.00	17.59	150.0	H	276.0	7.4
2485.294118	---	43.00	54.00	11.00	150.0	H	225.0	7.4

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: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168445729/A003572346-001
Test Voltage: DC 12V From DC Source
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
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Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	---	50.09	54.00	3.91	150.0	V	163.0	7.4
2485.882353	66.62	---	74.00	7.38	150.0	V	186.0	7.4

Final Result

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