

Appendix A: Test Results of Bluetooth BR & EDR mode

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Appendix A.1: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.88401	2401.5537	2402.4377	---	PASS
		2441	0.88306	2440.5514	2441.4345	---	PASS
		2480	0.88758	2479.5488	2480.4364	---	PASS
3DH5	Ant1	2402	1.1969	2401.3905	2402.5874	---	PASS
		2441	1.1782	2440.4013	2441.5795	---	PASS
		2480	1.1755	2479.4051	2480.5806	---	PASS

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix A.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Channel	20db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.948	2401.535	2402.483	---	PASS
		2441	0.918	2440.538	2441.456	---	PASS
		2480	0.924	2479.535	2480.459	---	PASS
3DH5	Ant1	2402	1.293	2401.343	2402.636	---	PASS
		2441	1.272	2440.349	2441.621	---	PASS
		2480	1.266	2479.349	2480.615	---	PASS

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix A.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.018	≥ 0.948	PASS
3DH5	Ant1	Hop	1.122	≥ 0.862	PASS



Appendix A.4: Test Results of Number of Hopping Frequency

TestMode	Antenna	Channel	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



Appendix A.5: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.637	155	0.254	≤0.4	PASS
DH5	Ant1	Hop	2.885	111	0.32	≤0.4	PASS
3DH1	Ant1	Hop	1.145	310	0.355	≤0.4	PASS
3DH3	Ant1	Hop	0.388	161	0.062	≤0.4	PASS
3DH5	Ant1	Hop	2.888	110	0.318	≤0.4	PASS

DH1_Ant1_Hop



DH3_Ant1_Hop





DH5_Ant1_Hop



3DH1_Ant1_Hop



3DH3_Ant1_Hop





3DH5_Ant1_Hop

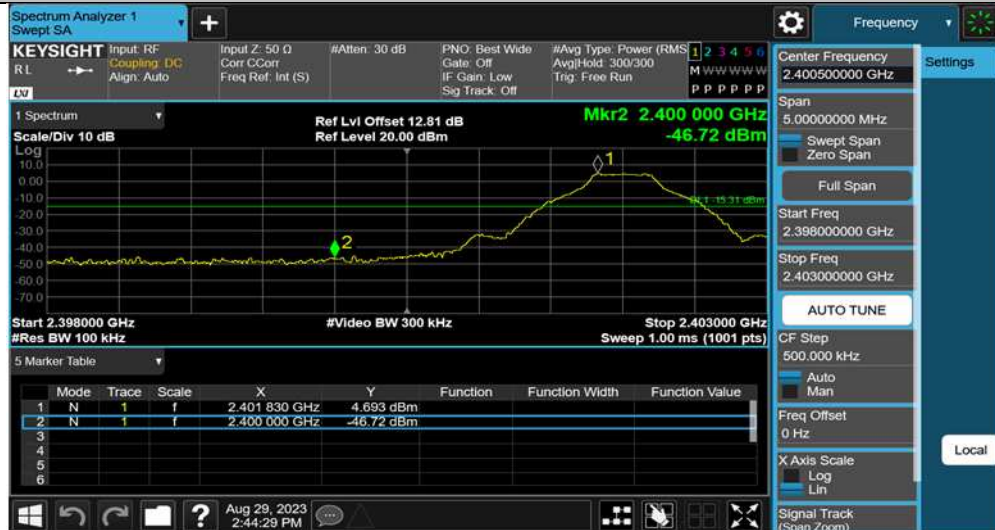


Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.506	-48.38	≤-15.49	PASS
		High	2480	5.282	-49.64	≤-14.72	PASS
3DH5	Ant1	Low	2402	2.262	-50.36	≤-17.74	PASS
		High	2480	2.709	-49.75	≤-17.29	PASS
DH5	Ant1	Hopping	2402	4.215	-49.9	≤-15.79	PASS
		Hopping	2480	5.097	-49.86	≤-14.9	PASS
3DH5	Ant1	Hopping	2402	2.463	-48.97	≤-17.54	PASS
		Hopping	2480	-1.9	-49.29	≤-21.9	PASS

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



DH5_Ant1_Hopping_2402



DH5_Ant1_Hopping_2480



3DH5_Ant1_Hopping_2402

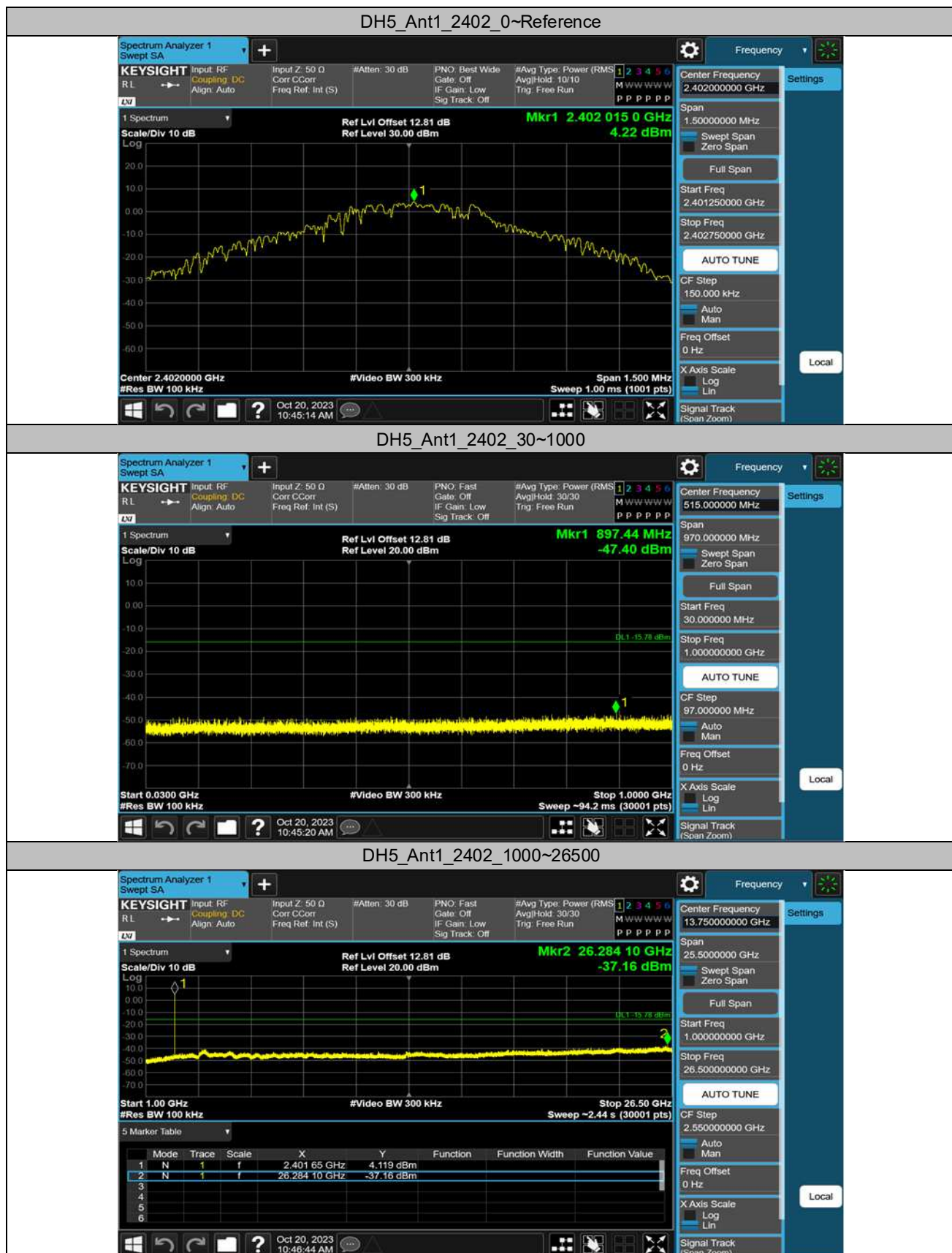


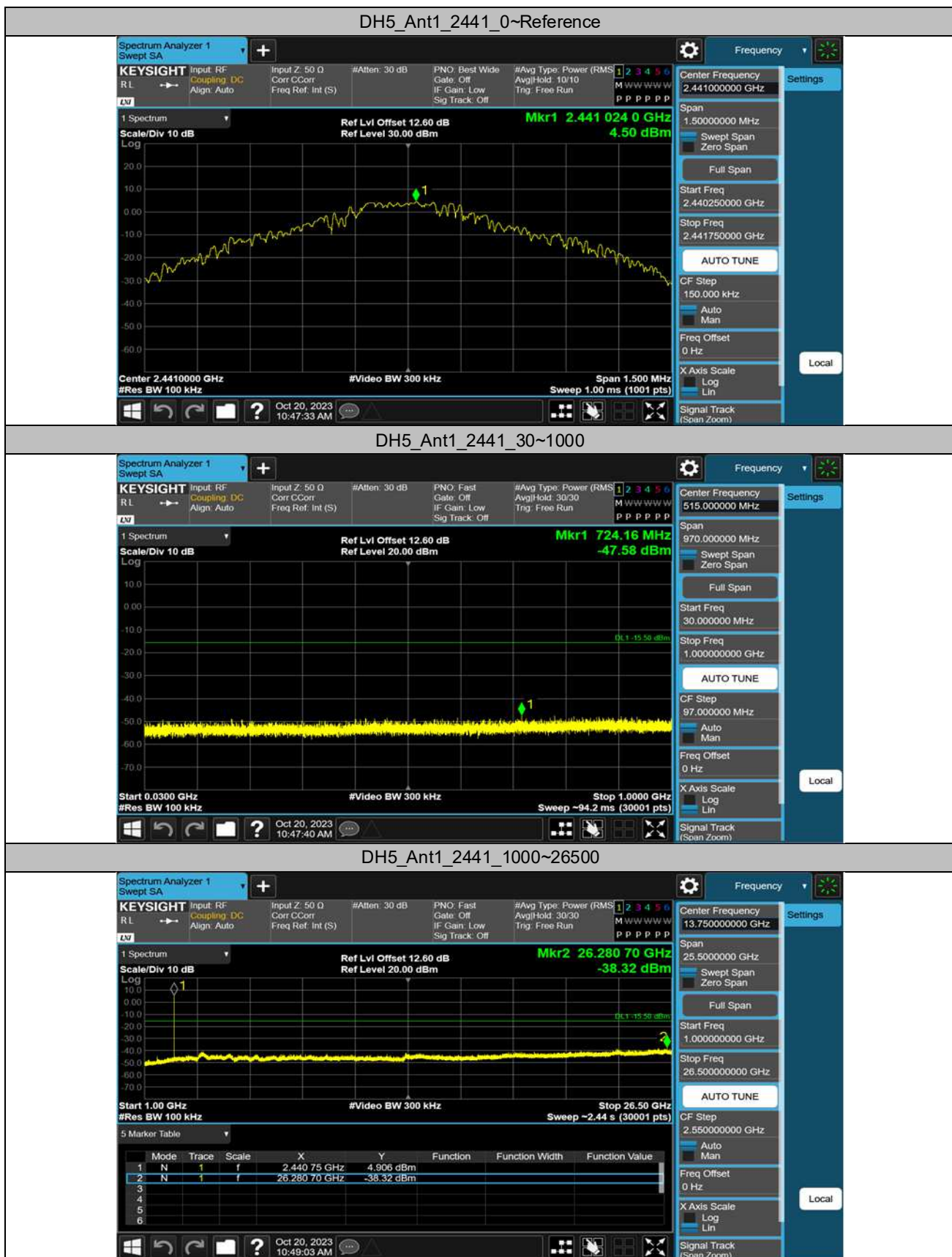
3DH5_Ant1_Hopping_2480

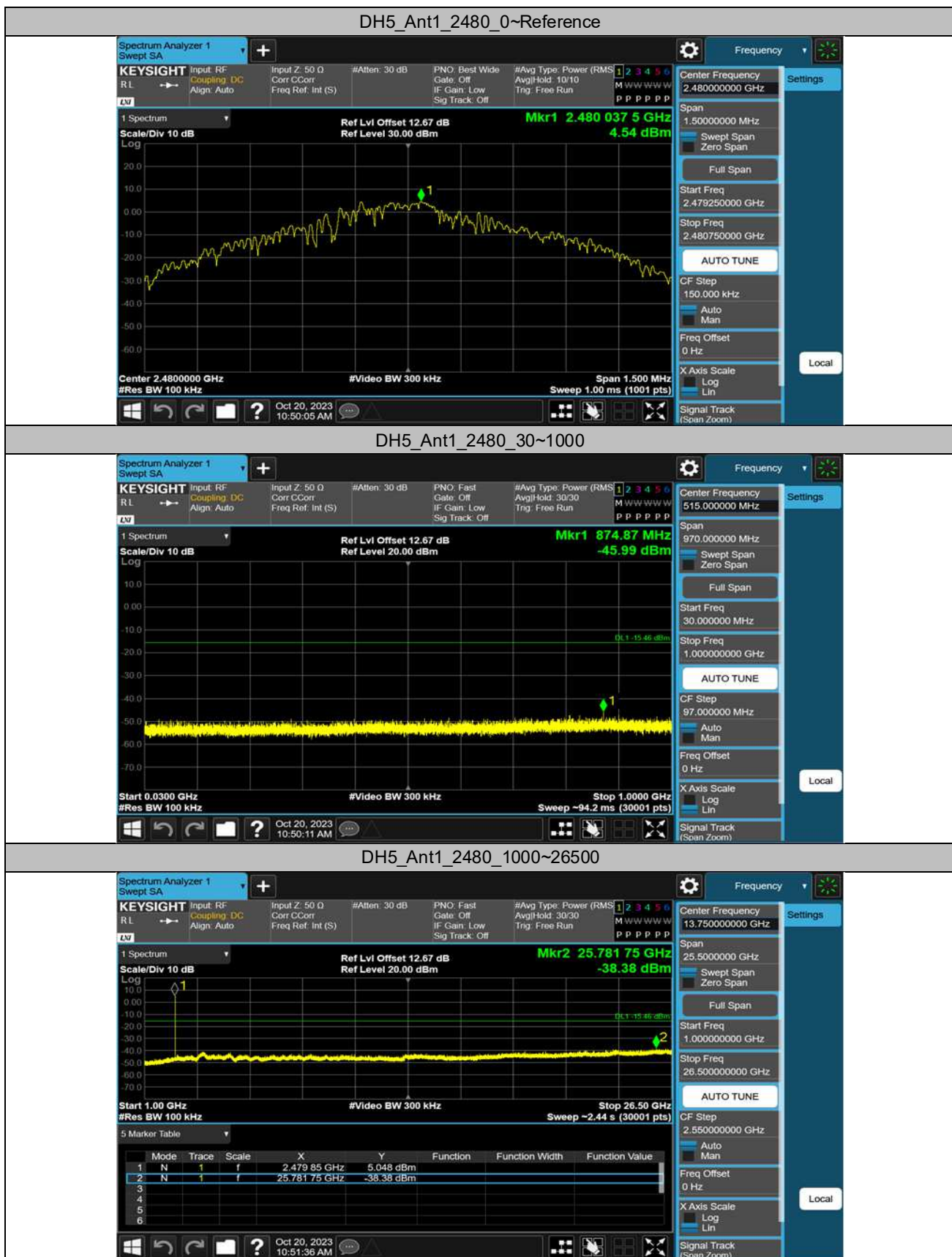


Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.22	4.22	---	PASS
			30~1000	4.22	-47.4	≤-15.78	PASS
			1000~26500	4.22	-37.16	≤-15.78	PASS
		2441	Reference	4.50	4.50	---	PASS
			30~1000	4.50	-47.58	≤-15.5	PASS
			1000~26500	4.50	-38.33	≤-15.5	PASS
		2480	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-45.99	≤-15.46	PASS
			1000~26500	4.54	-38.38	≤-15.46	PASS
3DH5	Ant1	2402	Reference	-0.21	-0.21	---	PASS
			30~1000	-0.21	-46.92	≤-20.21	PASS
			1000~26500	-0.21	-38.44	≤-20.21	PASS
		2441	Reference	2.68	2.68	---	PASS
			30~1000	2.68	-47.54	≤-17.32	PASS
			1000~26500	2.68	-38.31	≤-17.32	PASS
		2480	Reference	2.06	2.06	---	PASS
			30~1000	2.06	-47.31	≤-17.94	PASS
			1000~26500	2.06	-38.34	≤-17.94	PASS







3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



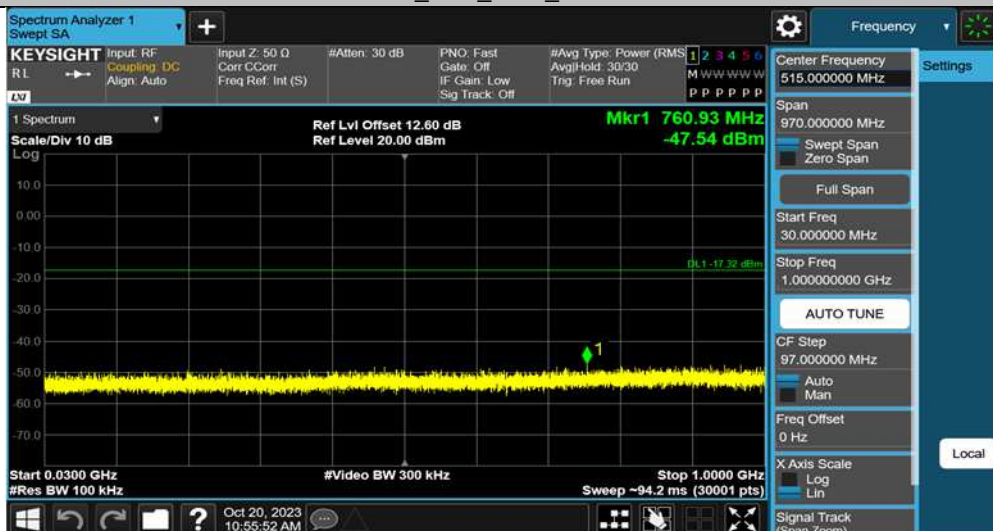
3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



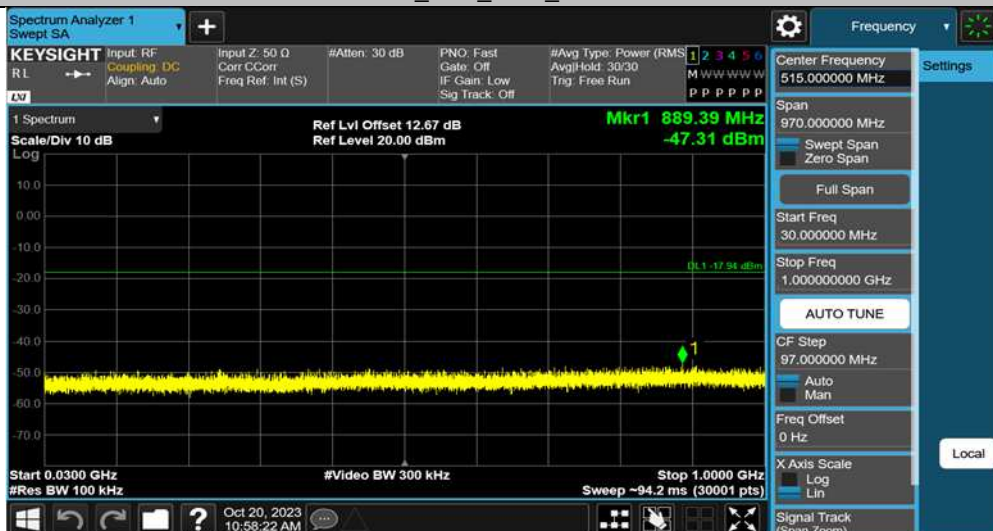
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix A.7: Test Results of Radiated Spurious Emissions

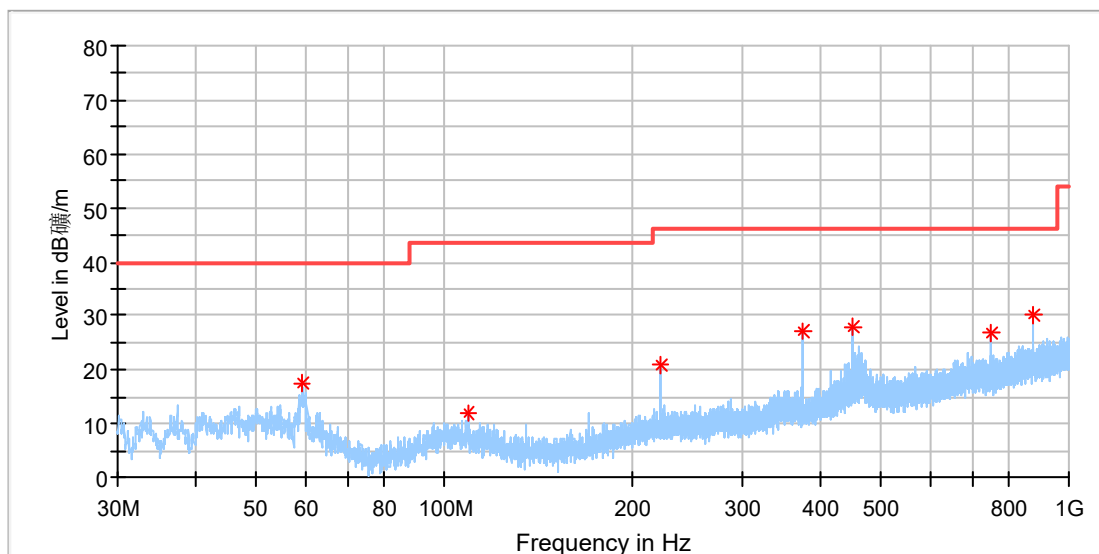
Note:

- 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 above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Mid channel
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

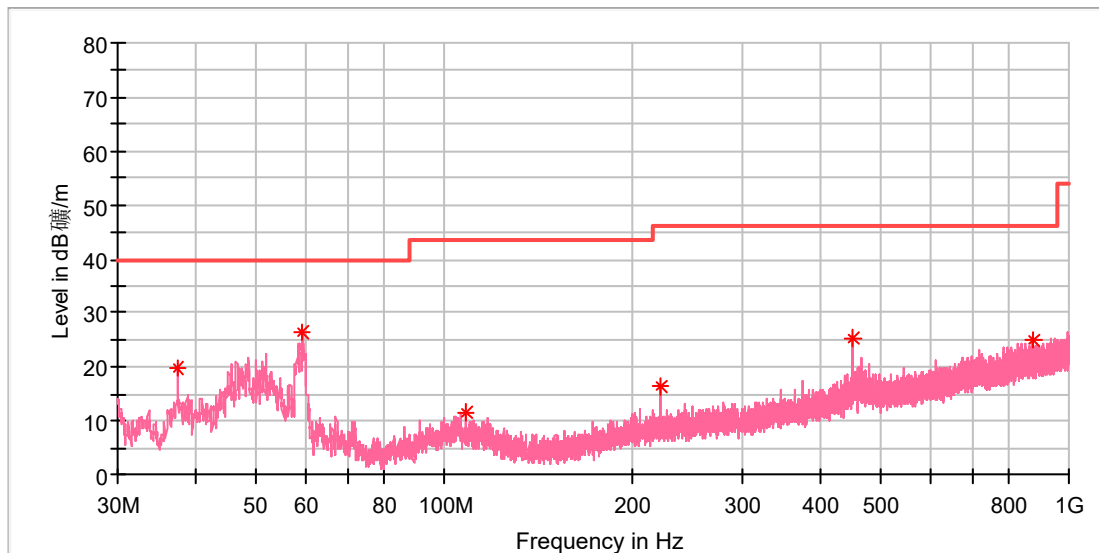
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.249231	17.58	40.00	22.42	100.0	H	327.0	-19.2
109.017692	11.82	43.50	31.68	100.0	H	336.0	-19.3
221.201923	20.99	46.00	25.01	100.0	H	89.0	-18.8
375.021539	27.08	46.00	18.92	100.0	H	309.0	-14.7
450.010000	27.88	46.00	18.12	100.0	H	106.0	-13.3
750.075769	26.92	46.00	19.08	100.0	H	256.0	-7.6
875.019231	30.16	46.00	15.84	100.0	H	237.0	-5.6

Final Result

Frequency (MHz)	QuasiPeak (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: BR_DH5_Mid channel
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)
37.498846	19.72	40.00	20.28	100.0	V	152.0	-21.2
59.361154	26.24	40.00	13.76	100.0	V	143.0	-19.2
108.681923	11.43	43.50	32.07	100.0	V	294.0	-19.3
221.201923	16.47	46.00	29.53	100.0	V	135.0	-18.8
449.972692	25.40	46.00	20.60	100.0	V	329.0	-13.3
875.019231	25.10	46.00	20.90	100.0	V	304.0	-5.6

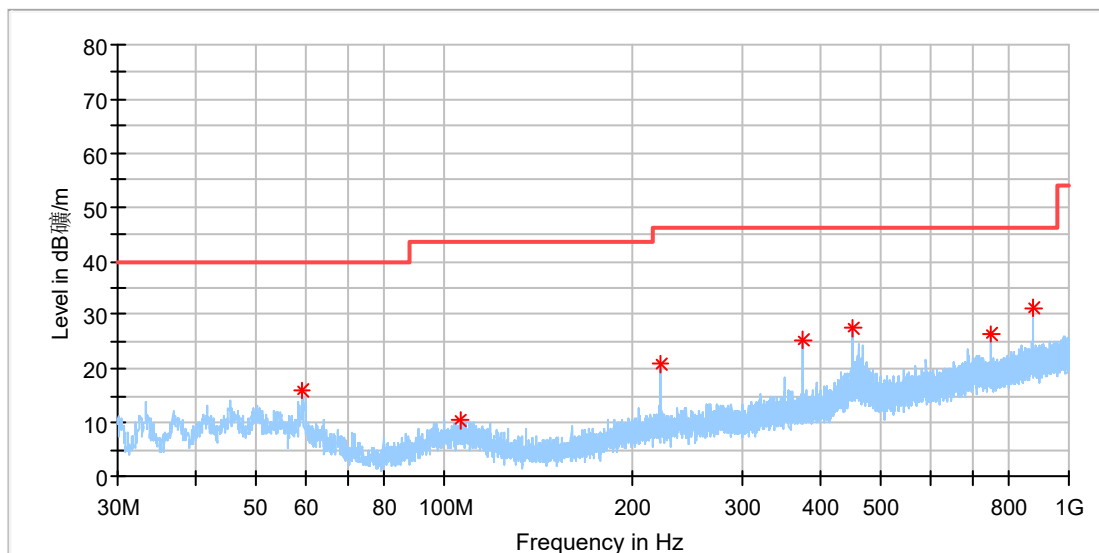
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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30MHz - 1GHz for co-location

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Mid channel+WIFI 5G_11n20_Ch157
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

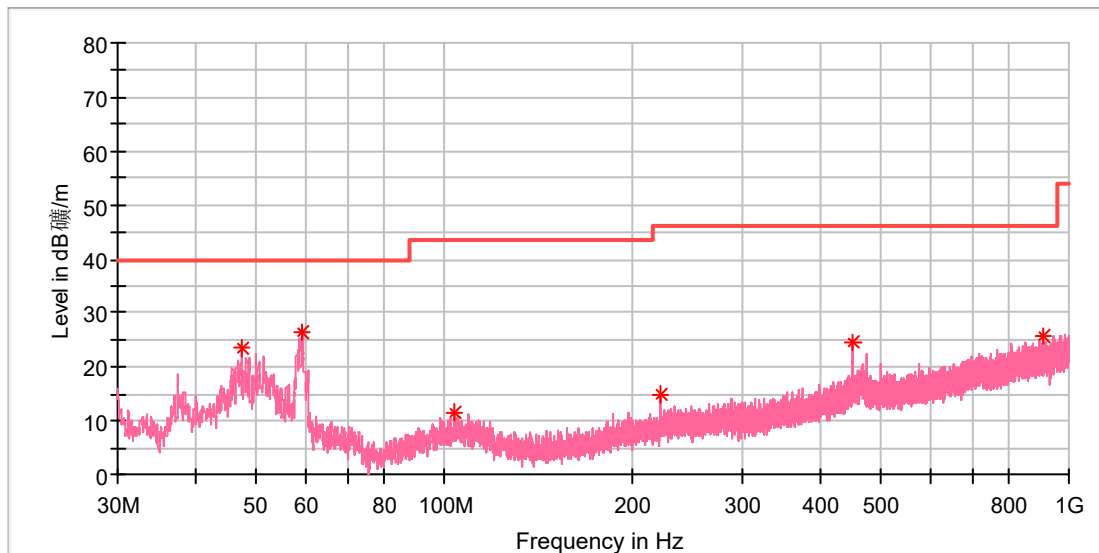
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.211923	16.10	40.00	23.90	100.0	H	109.0	-19.2
105.771923	10.48	43.50	33.02	100.0	H	304.0	-19.1
221.201923	21.01	46.00	24.99	100.0	H	264.0	-18.8
375.021539	25.45	46.00	20.55	100.0	H	304.0	-14.7
450.010000	27.48	46.00	18.52	100.0	H	102.0	-13.3
750.038462	26.33	46.00	19.67	100.0	H	232.0	-7.6
875.019231	31.21	46.00	14.79	100.0	H	241.0	-5.6

Final Result

Frequency (MHz)	QuasiPeak (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
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Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
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)
47.348077	23.26	40.00	16.74	100.0	V	142.0	-18.8
59.361154	26.43	40.00	13.57	100.0	V	238.0	-19.2
103.943846	11.37	43.50	32.13	100.0	V	157.0	-19.1
221.201923	14.97	46.00	31.03	100.0	V	109.0	-18.8
450.010000	24.69	46.00	21.31	100.0	V	335.0	-13.3
909.081154	25.56	46.00	20.44	100.0	V	69.0	-5.3

Final Result

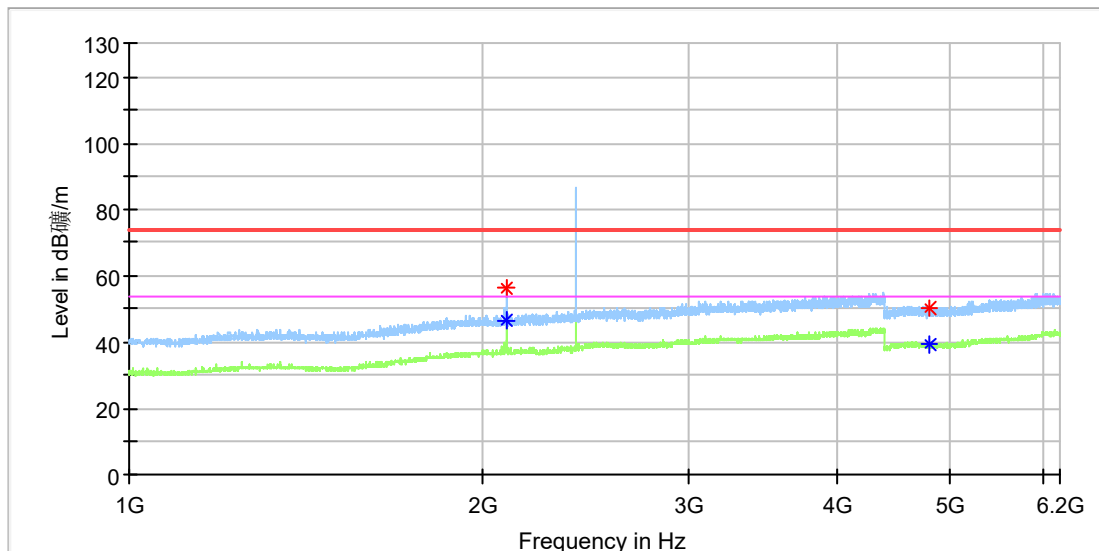
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Low channel
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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

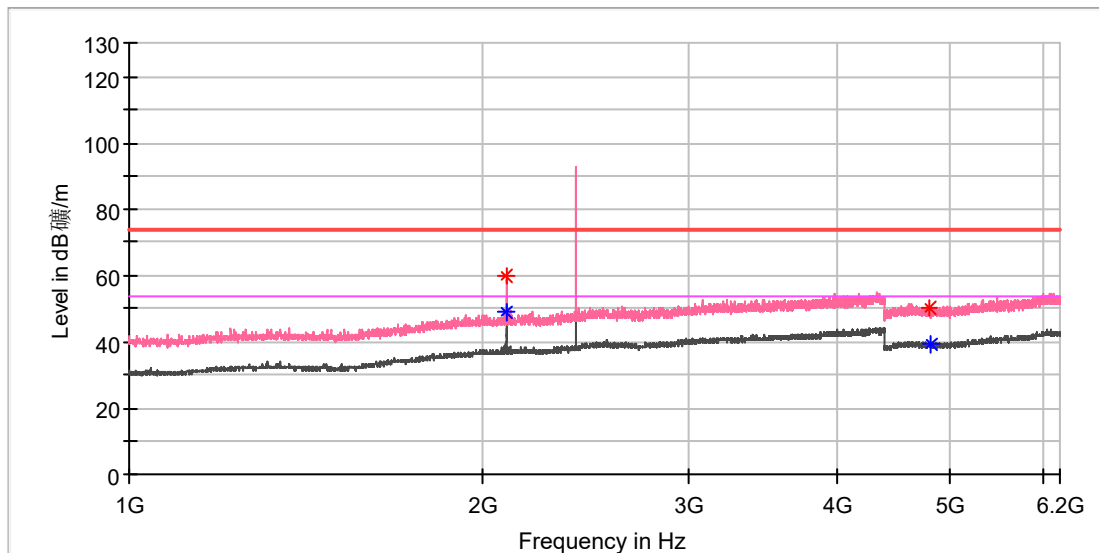
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2093.000000	---	46.40	54.00	7.60	150.0	H	134.0	6.0
2094.000000	56.22	---	74.00	17.78	150.0	H	134.0	6.0
4802.500000	---	39.37	54.00	14.63	150.0	H	163.0	11.8
4803.500000	50.46	---	74.00	23.54	150.0	H	180.0	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: BR_DH5_Low channel
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

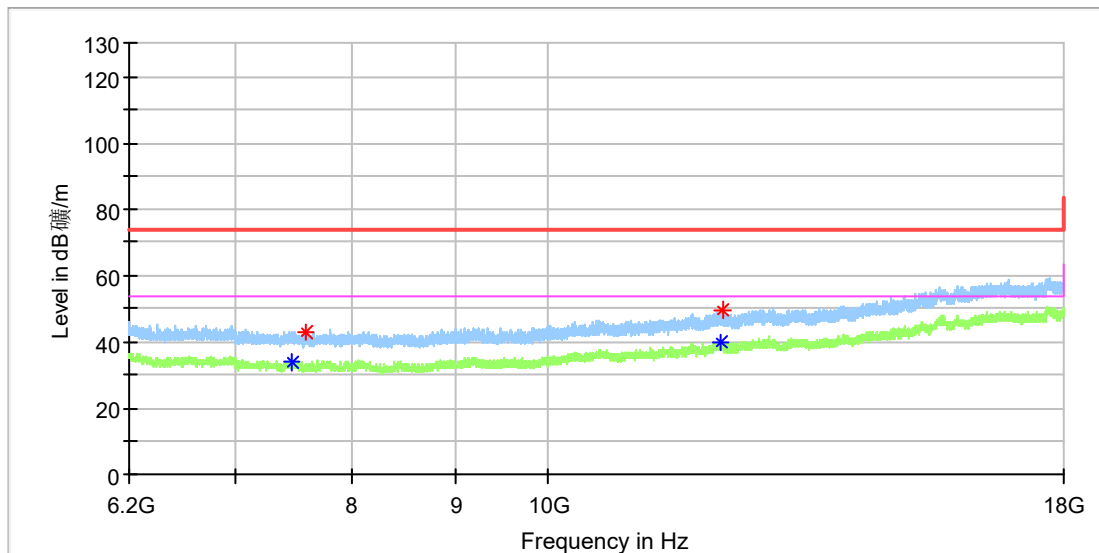
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2094.000000	---	48.99	54.00	5.01	150.0	V	14.0	6.0
2094.500000	59.58	---	74.00	14.42	150.0	V	14.0	6.0
4811.000000	50.43	---	74.00	23.57	150.0	V	20.0	11.8
4813.500000	---	39.37	54.00	14.63	150.0	V	247.0	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: BR_DH5_Low channel
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

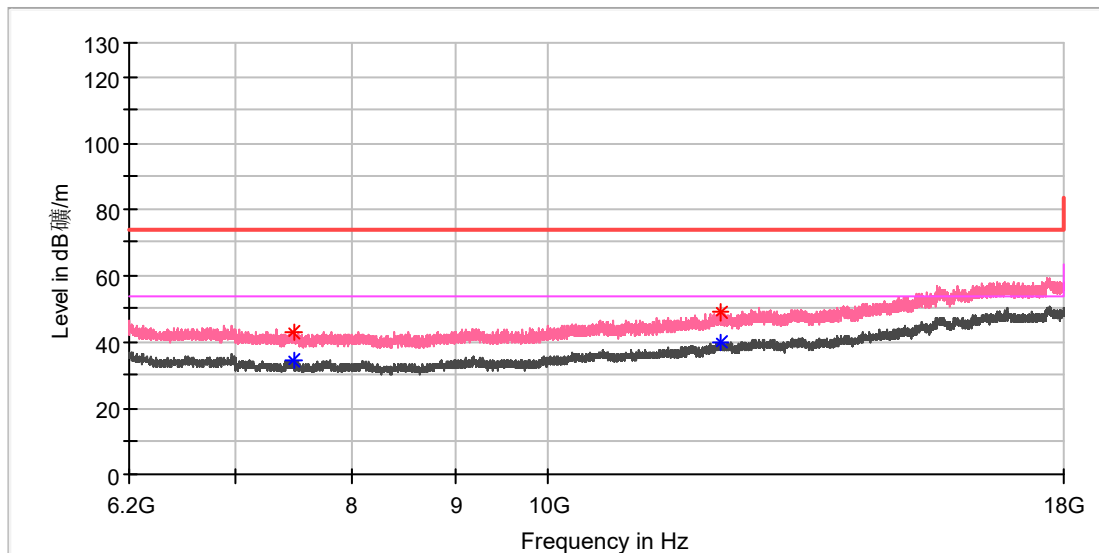
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7464.075000	---	34.08	54.00	19.92	150.0	H	304.0	8.6
7575.191667	43.14	---	74.00	30.86	150.0	H	5.0	8.7
12186.533333	---	39.66	54.00	14.34	150.0	H	327.0	14.6
12214.066667	49.55	---	74.00	24.45	150.0	H	109.0	14.7

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 Name: ECU-Display Head Unit
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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

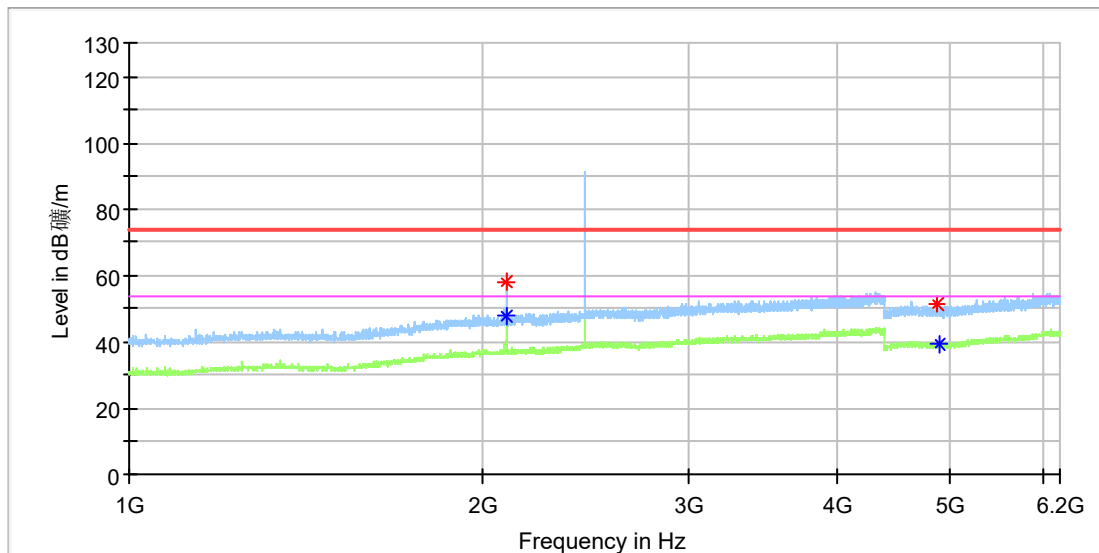
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7473.908333	43.04	---	74.00	30.96	150.0	V	83.0	8.6
7476.858333	---	34.61	54.00	19.39	150.0	V	72.0	8.6
12169.325000	---	39.76	54.00	14.24	150.0	V	108.0	14.5
12175.716667	49.07	---	74.00	24.93	150.0	V	59.0	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: BR_DH5_Mid channel
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

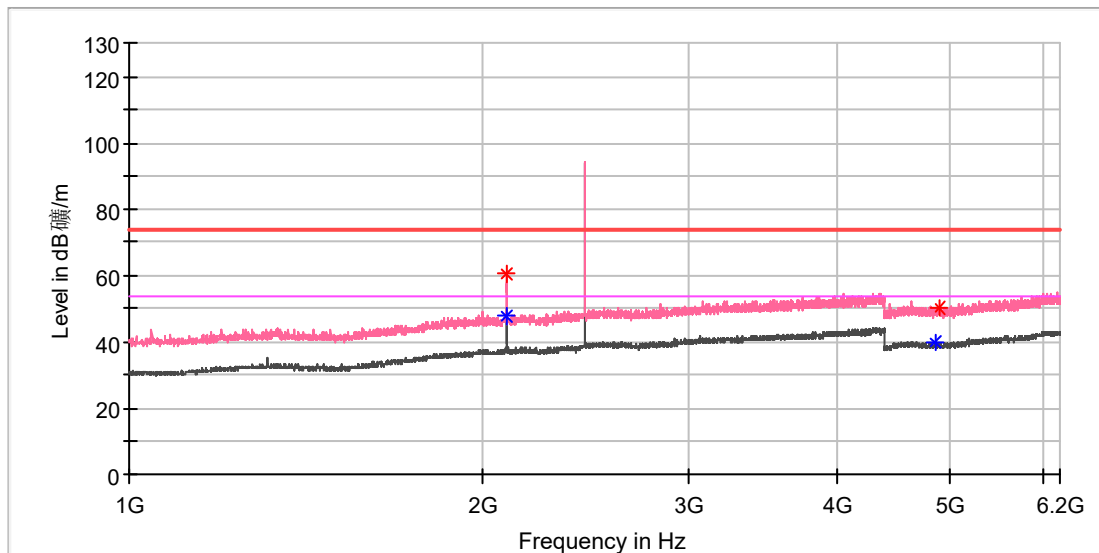
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2092.500000	---	47.57	54.00	6.43	150.0	H	269.0	6.0
2092.500000	58.10	---	74.00	15.90	150.0	H	269.0	6.0
4873.000000	51.18	---	74.00	22.82	150.0	H	298.0	11.8
4903.500000	---	39.56	54.00	14.44	150.0	H	171.0	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
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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

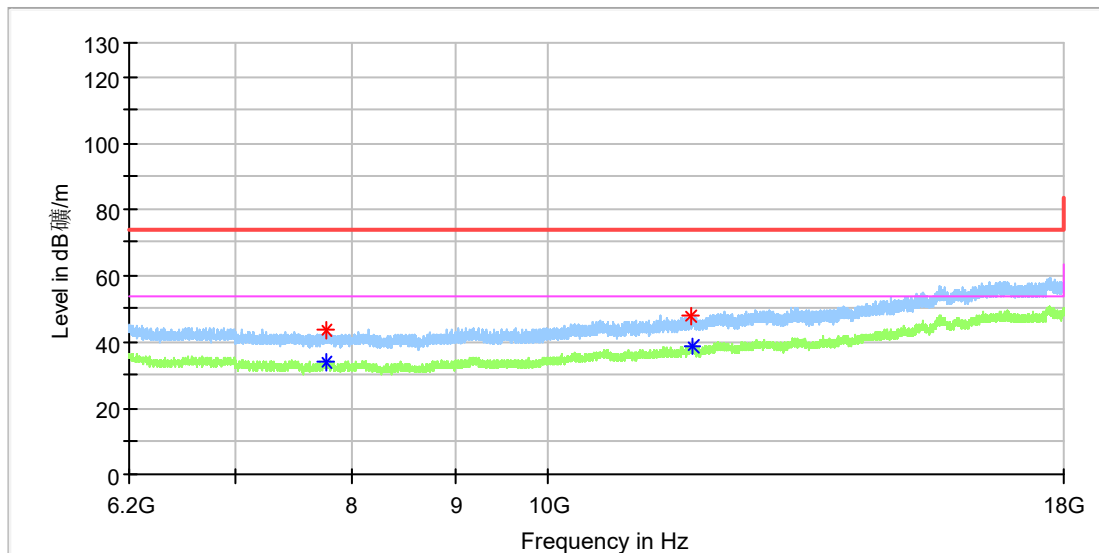
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2095.000000	60.66	---	74.00	13.34	150.0	V	341.0	6.0
2095.500000	---	47.84	54.00	6.16	150.0	V	341.0	6.0
4853.500000	---	39.65	54.00	14.35	150.0	V	120.0	11.8
4893.000000	50.41	---	74.00	23.59	150.0	V	83.0	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: BR_DH5_Mid channel
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

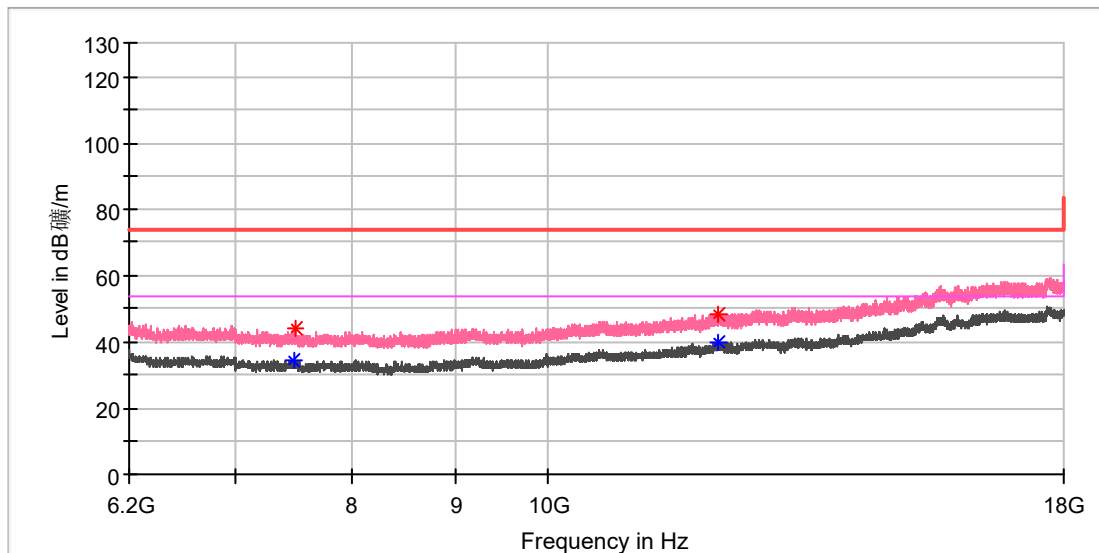
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7761.041667	---	33.84	54.00	20.16	150.0	H	326.0	8.8
7766.450000	43.38	---	74.00	30.62	150.0	H	194.0	8.8
11761.733333	47.80	---	74.00	26.20	150.0	H	326.0	13.4
11795.658333	---	38.69	54.00	15.31	150.0	H	122.0	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: BR_DH5_Mid channel
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

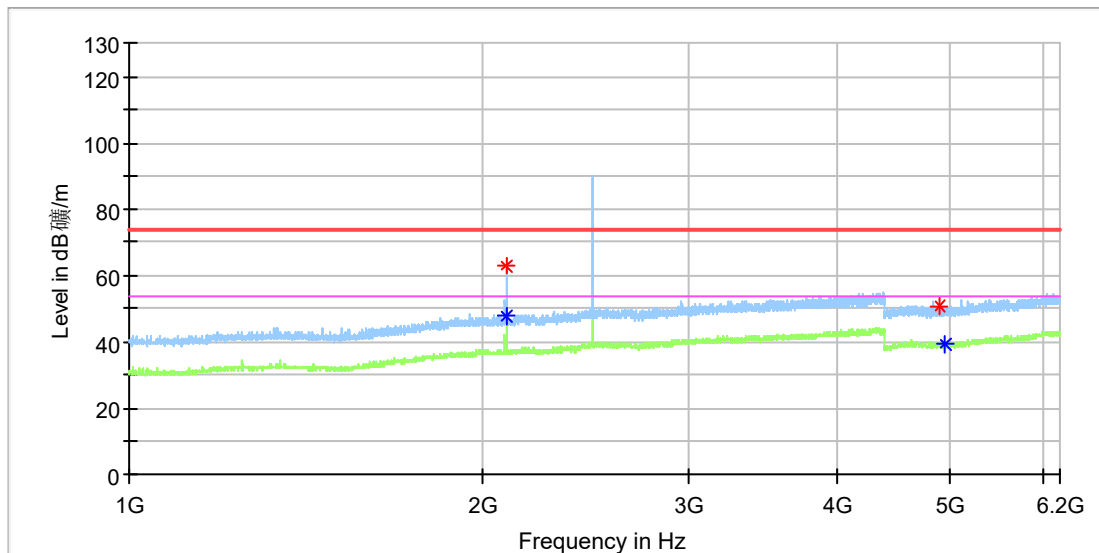
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7477.841667	---	34.22	54.00	19.78	150.0	V	15.0	8.6
7487.675000	43.92	---	74.00	30.08	150.0	V	290.0	8.7
12140.316667	---	40.01	54.00	13.99	150.0	V	99.0	14.4
12149.166667	48.45	---	74.00	25.55	150.0	V	75.0	14.4

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: BR_DH5_High channel
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

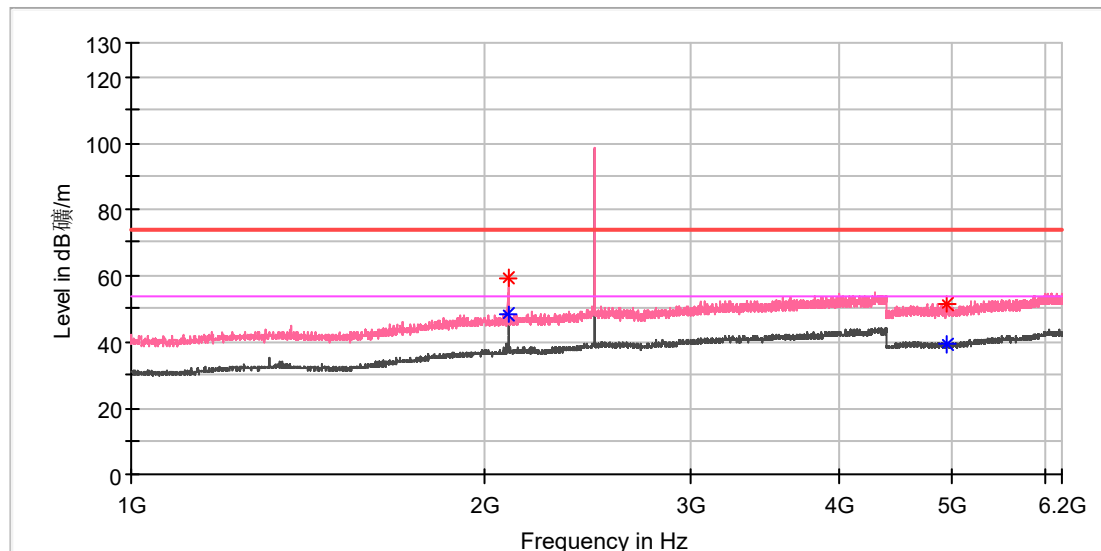
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2091.500000	---	47.81	54.00	6.19	150.0	H	73.0	6.0
2092.000000	62.62	---	74.00	11.38	150.0	H	73.0	6.0
4905.000000	51.05	---	74.00	22.95	150.0	H	131.0	11.8
4945.500000	---	39.42	54.00	14.58	150.0	H	264.0	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: BR_DH5_High channel
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

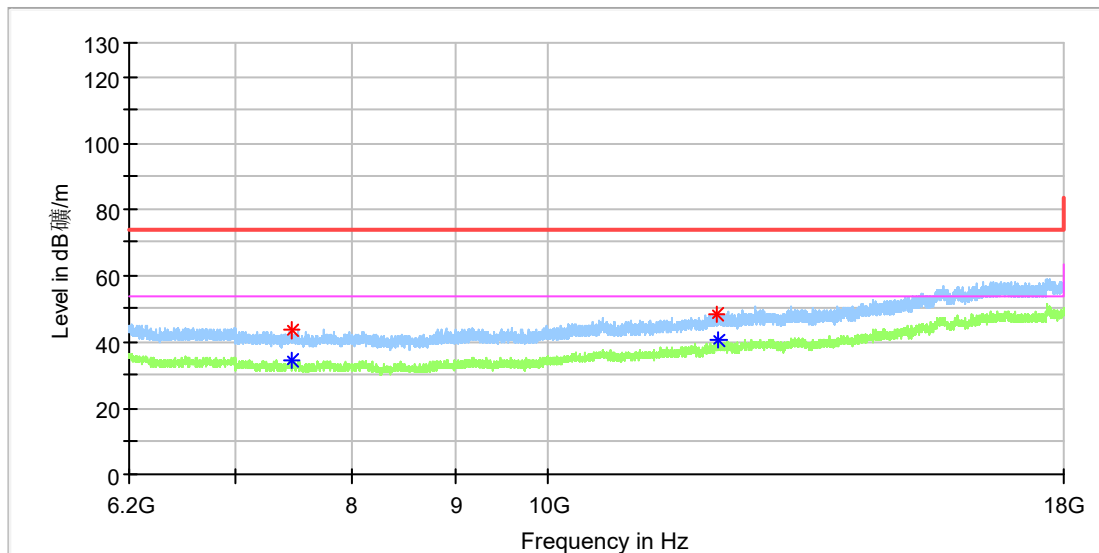
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2091.000000	59.33	---	74.00	14.67	150.0	V	255.0	6.0
2092.000000	---	48.14	54.00	5.86	150.0	V	255.0	6.0
4951.500000	---	39.32	54.00	14.68	150.0	V	310.0	11.8
4958.500000	51.12	---	74.00	22.88	150.0	V	239.0	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: BR_DH5_High channel
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

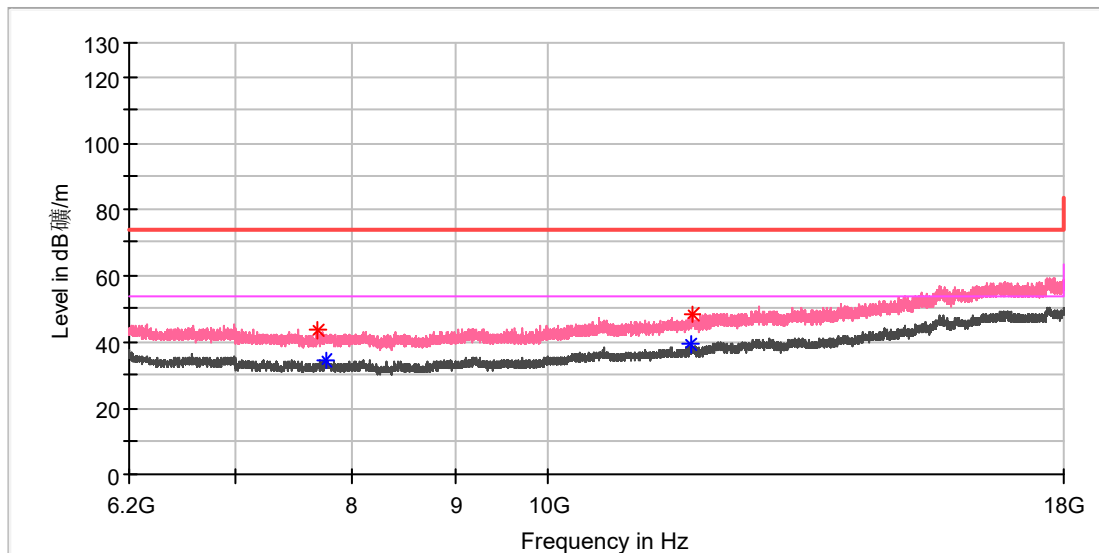
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7461.616667	---	34.55	54.00	19.45	150.0	H	145.0	8.5
7468.500000	43.36	---	74.00	30.64	150.0	H	108.0	8.6
12115.241667	48.55	---	74.00	25.45	150.0	H	62.0	14.2
12137.858333	---	40.43	54.00	13.57	150.0	H	51.0	14.4

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: BR_DH5_High channel
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)
7688.275000	43.44	---	74.00	30.56	150.0	V	81.0	8.6
7762.516667	---	34.18	54.00	19.82	150.0	V	141.0	8.8
11755.833333	---	39.29	54.00	14.71	150.0	V	248.0	13.3
11790.250000	48.60	---	74.00	25.40	150.0	V	332.0	13.4

Final Result

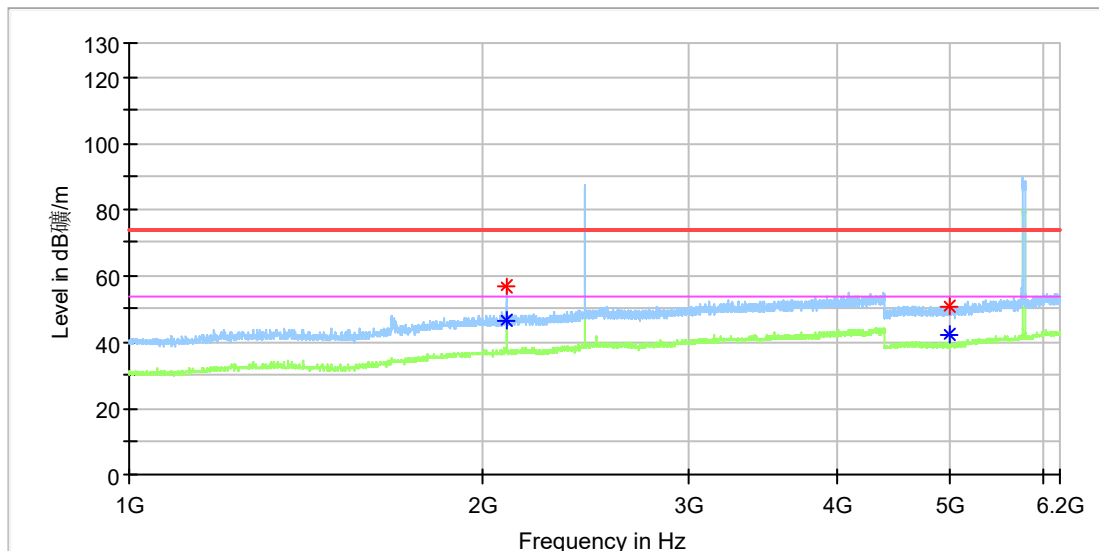
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz for co-location

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

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Mid channel+WIFI 5G_11n20_Ch157
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

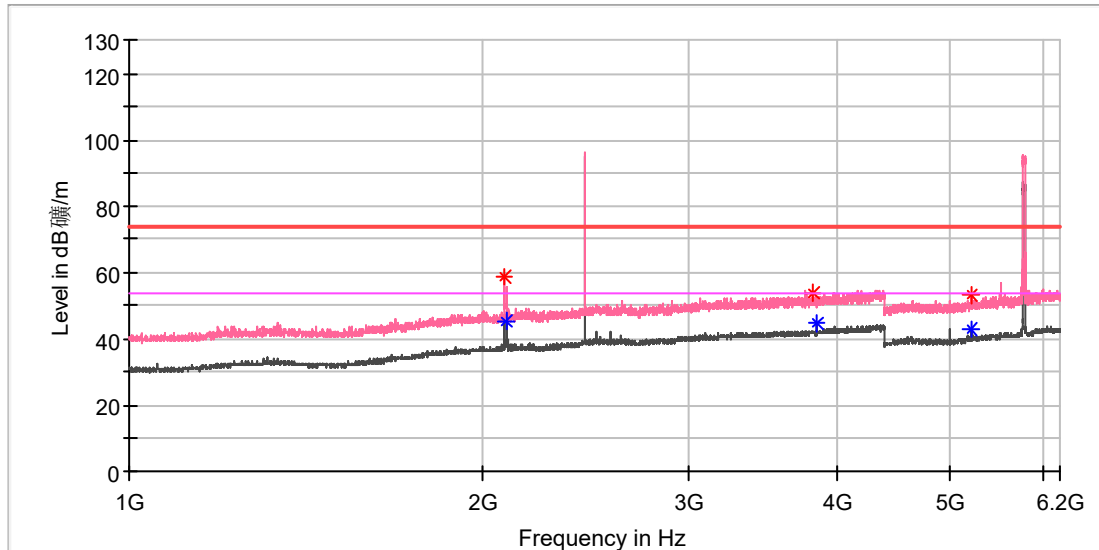
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2094.000000	---	46.56	54.00	7.44	150.0	H	112.0	6.0
2094.000000	56.87	---	74.00	17.13	150.0	H	112.0	6.0
5000.000000	50.81	---	74.00	23.19	150.0	H	255.0	11.8
5000.000000	---	42.61	54.00	11.39	150.0	H	255.0	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:	BR_DH5_Mid channel+WIFI 5G_11n20_Ch157
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

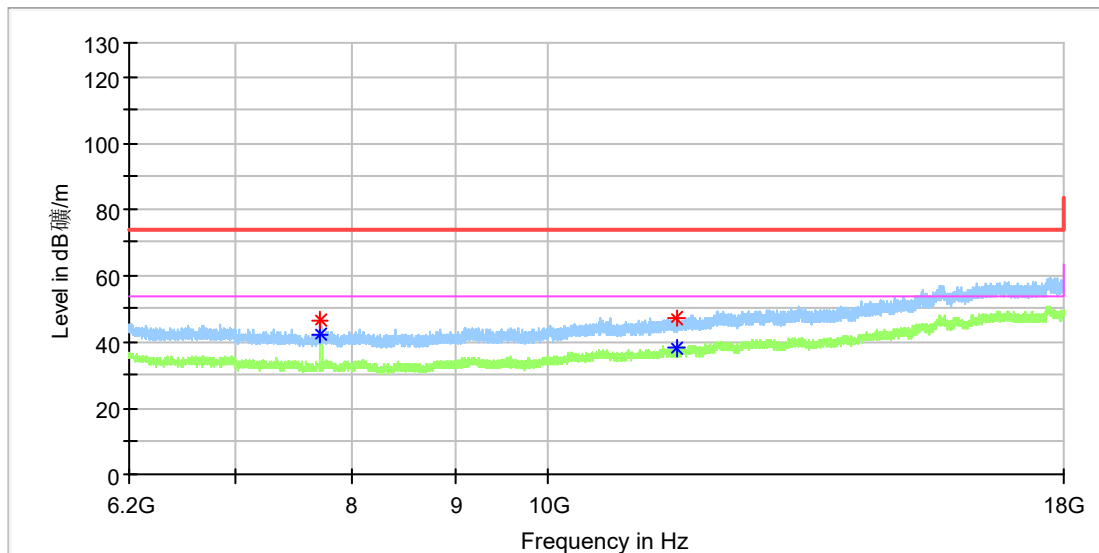
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2088.000000	58.50	---	74.00	15.50	150.0	V	119.0	6.0
2093.000000	---	45.43	54.00	8.57	150.0	V	119.0	6.0
3828.000000	53.77	---	74.00	20.23	150.0	V	163.0	9.9
3856.500000	---	44.48	54.00	9.52	150.0	V	268.0	9.9
5208.500000	53.08	---	74.00	20.92	150.0	V	231.0	12.7
5208.500000	---	43.18	54.00	10.82	150.0	V	231.0	12.7

Final Result

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

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Mid channel+WIFI 5G_11n20_Ch157
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

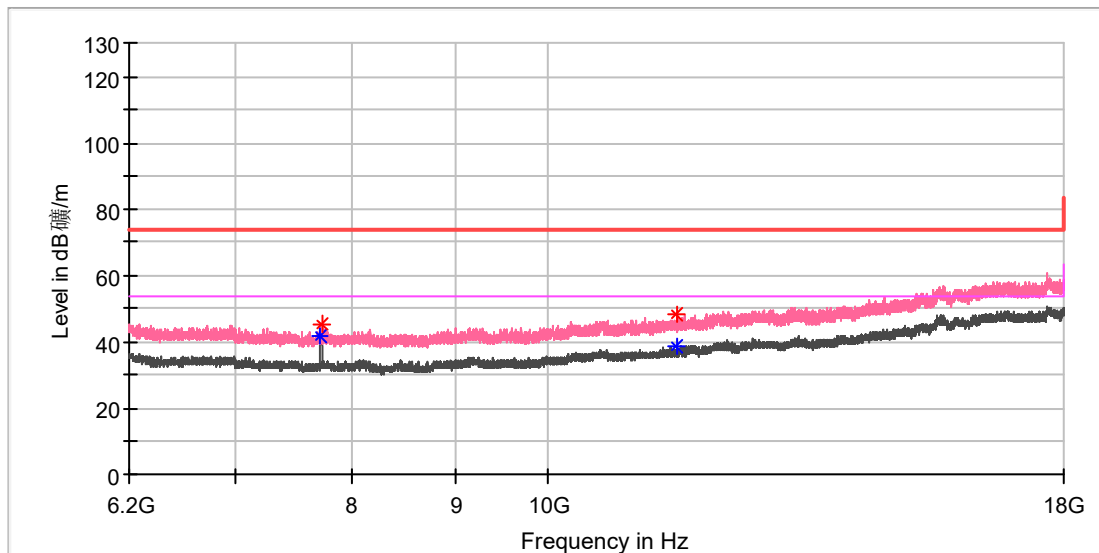
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7712.858333	46.65	---	74.00	27.35	150.0	H	156.0	8.7
7712.858333	---	42.42	54.00	11.58	150.0	H	156.0	8.7
11566.050000	47.39	---	74.00	26.61	150.0	H	217.0	13.4
11574.900000	---	37.90	54.00	16.10	150.0	H	217.0	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:	BR_DH5_Mid channel+WIFI 5G_11n20_Ch157
Order No/Sample No:	168445729/A003572346-001
Test Voltage:	DC 12V From DC Source
Remark:	Temp 22 Humi:55%
Test Standard:	FCC Part 15C
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)
7712.858333	---	41.73	54.00	12.27	150.0	V	198.0	8.7
7713.841667	45.57	---	74.00	28.43	150.0	V	186.0	8.7
11569.000000	48.31	---	74.00	25.69	150.0	V	222.0	13.4
11569.983333	---	38.53	54.00	15.47	150.0	V	222.0	13.4

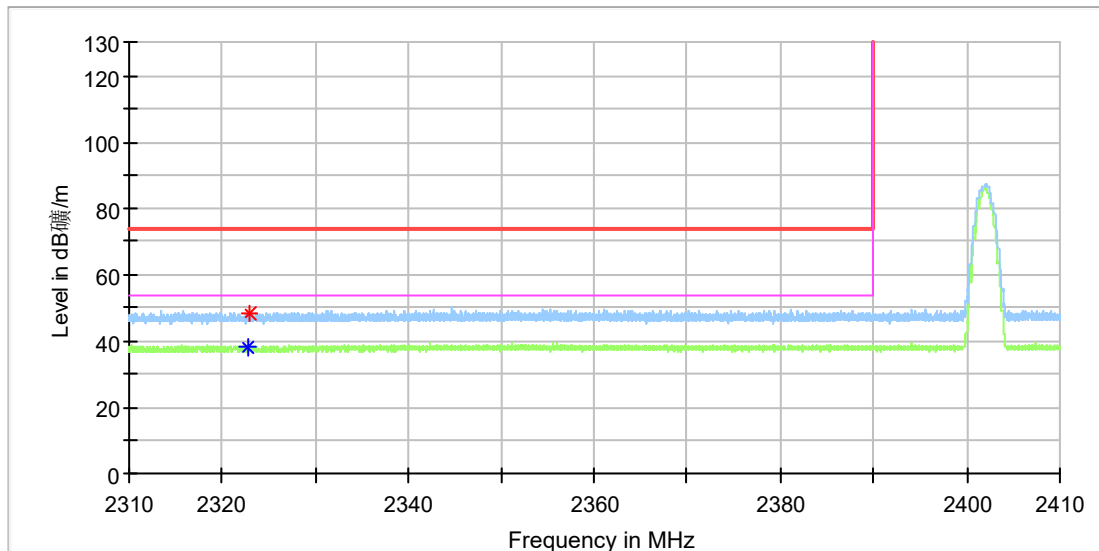
Final Result

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

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	ECU-Display Head Unit
Model:	DHU-NA-006
Test Mode:	BR_DH5_Low channel
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

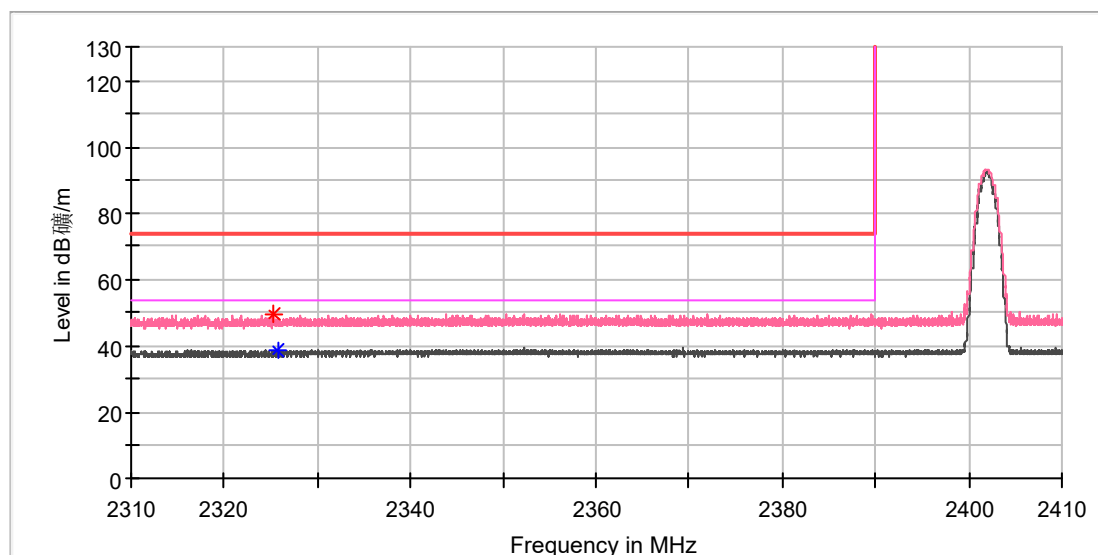
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2322.764706	---	38.19	54.00	15.81	150.0	H	143.0	6.6
2322.955882	48.43	---	74.00	25.57	150.0	H	108.0	6.6

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: BR_DH5_Low channel
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

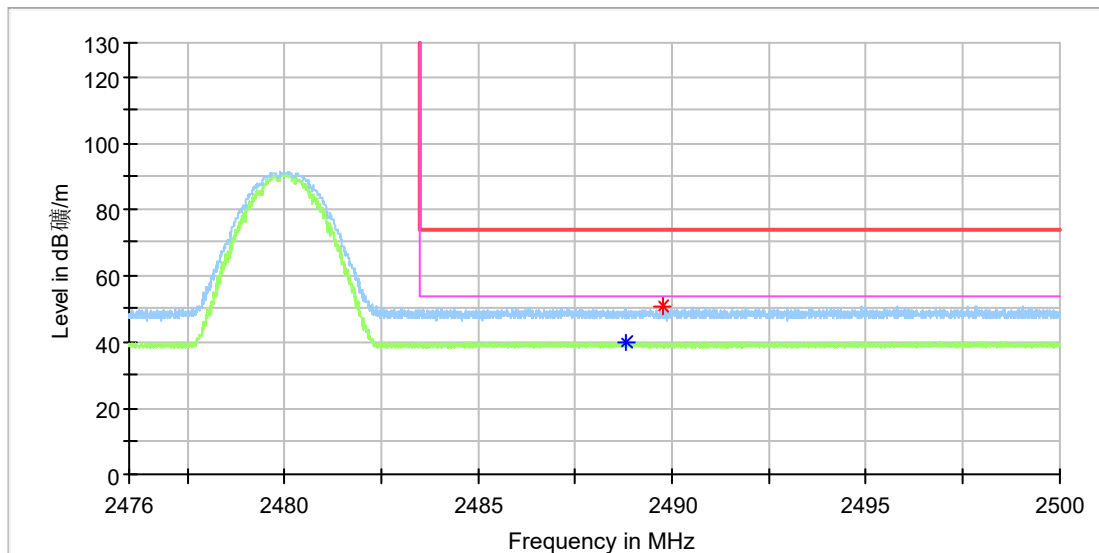
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2325.338235	49.36	---	74.00	24.64	150.0	V	189.0	6.7
2325.647059	---	38.61	54.00	15.39	150.0	V	275.0	6.7

Final Result

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

EUT Information

EUT Name: ECU-Display Head Unit
Model: DHU-NA-006
Test Mode: BR_DH5_High channel
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

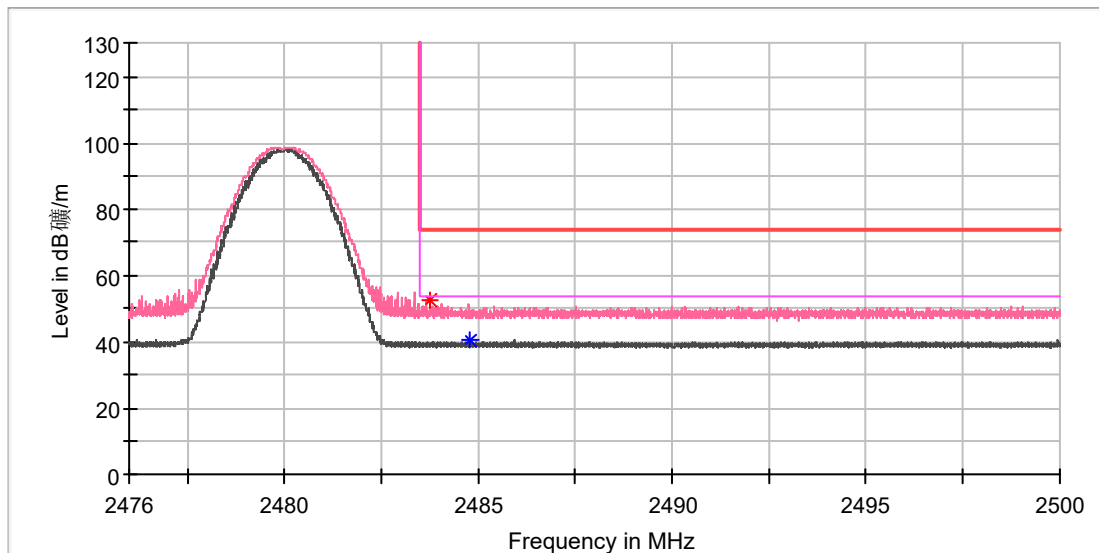
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.825882	---	39.76	54.00	14.24	150.0	H	183.0	7.4
2489.775294	50.79	---	74.00	23.21	150.0	H	189.0	7.4

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:	BR_DH5_High channel
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)
2483.778824	52.43	---	74.00	21.57	150.0	V	266.0	7.4
2484.788235	---	40.56	54.00	13.44	150.0	V	250.0	7.4

Final Result

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