



11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO Ant1 5755



11N40SISO Ant1 5795



11AC20SISO Ant1 5745



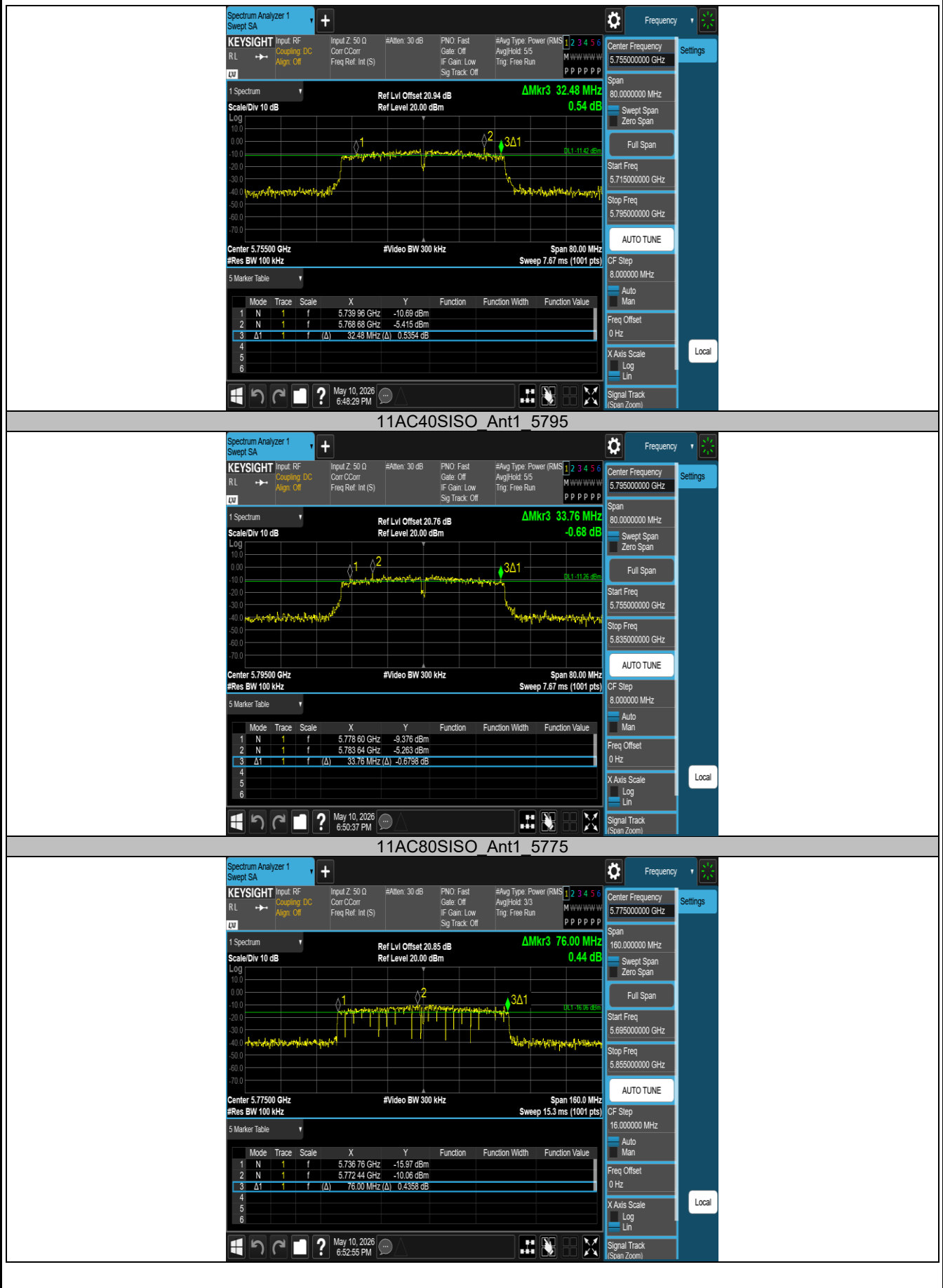
11AC20SISO Ant1 5785



11AC20SISO Ant1 5825



11AC40SISO Ant1 5755



Appendix A.4: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-4.17	≤11.00	PASS
		5200	-4.29	≤11.00	PASS
		5240	-4.75	≤11.00	PASS
		5745	-9.27	≤30.00	PASS
		5785	-9.23	≤30.00	PASS
		5825	-9.04	≤30.00	PASS
11N20SISO	Ant1	5180	-4.90	≤11.00	PASS
		5200	-5.44	≤11.00	PASS
		5240	-5.48	≤11.00	PASS
		5745	-10.19	≤30.00	PASS
		5785	-10.20	≤30.00	PASS
11N40SISO	Ant1	5180	-4.90	≤11.00	PASS
		5200	-5.44	≤11.00	PASS
		5240	-5.48	≤11.00	PASS
		5745	-10.19	≤30.00	PASS
		5785	-10.20	≤30.00	PASS
11AC20SISO	Ant1	5180	-4.90	≤11.00	PASS
		5200	-5.44	≤11.00	PASS
		5240	-5.48	≤11.00	PASS
		5745	-10.19	≤30.00	PASS
		5785	-10.20	≤30.00	PASS
11AC40SISO	Ant1	5180	-4.90	≤11.00	PASS
		5200	-5.44	≤11.00	PASS
		5240	-5.48	≤11.00	PASS
		5745	-10.19	≤30.00	PASS
		5785	-10.20	≤30.00	PASS
11AC80SISO	Ant1	5180	-4.90	≤11.00	PASS
		5200	-5.44	≤11.00	PASS
		5240	-5.48	≤11.00	PASS
		5745	-10.19	≤30.00	PASS
		5785	-10.20	≤30.00	PASS

U-NII 1: Max. e.i.r.p. spectral density= -4.17dBm+4.36dBi= 0.19dBm/MHz, which is less than 10dBm/MHz

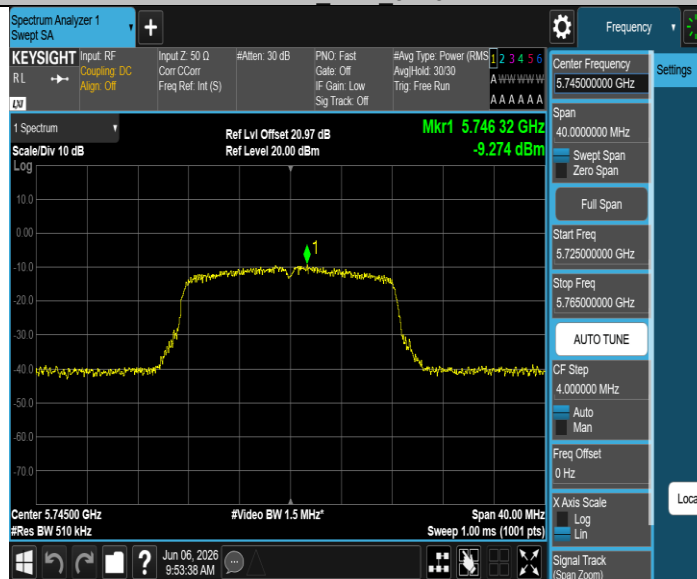
Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): 4.36dBi for U-NII Band 1.
- 3) The Result and Limit Unit is dBm/500 kHz in the band 5.725~5.85 GHz.

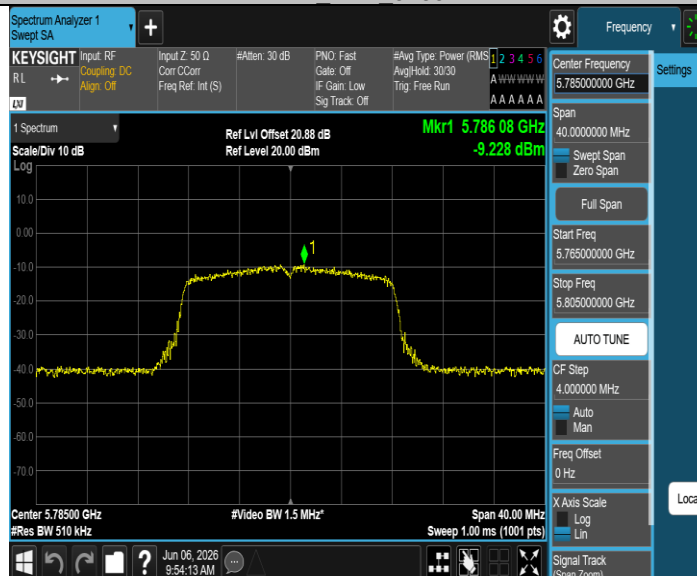
Test Graphs



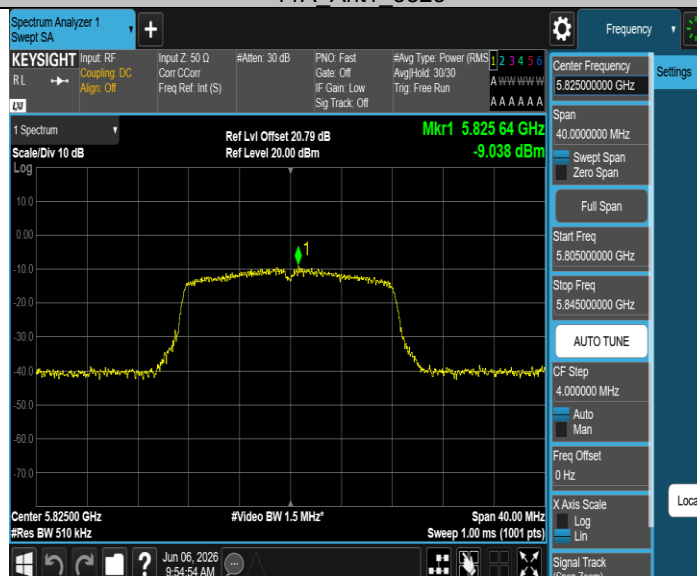
11A Ant1 5745



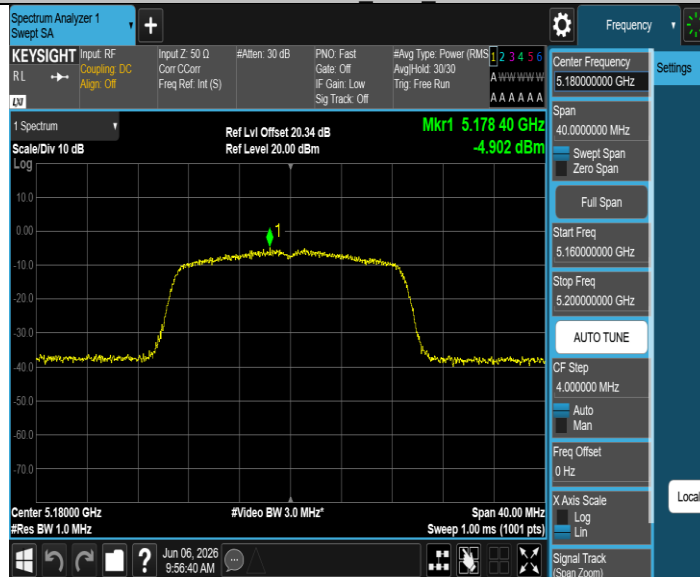
11A Ant1 5785



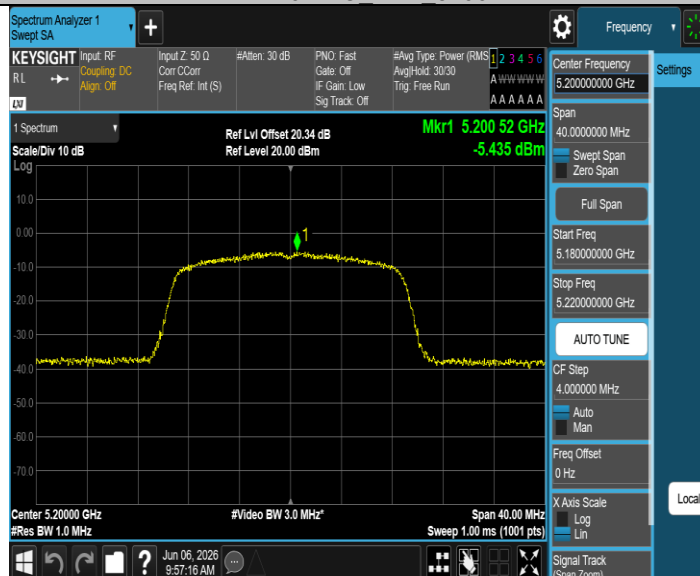
11A Ant1 5825



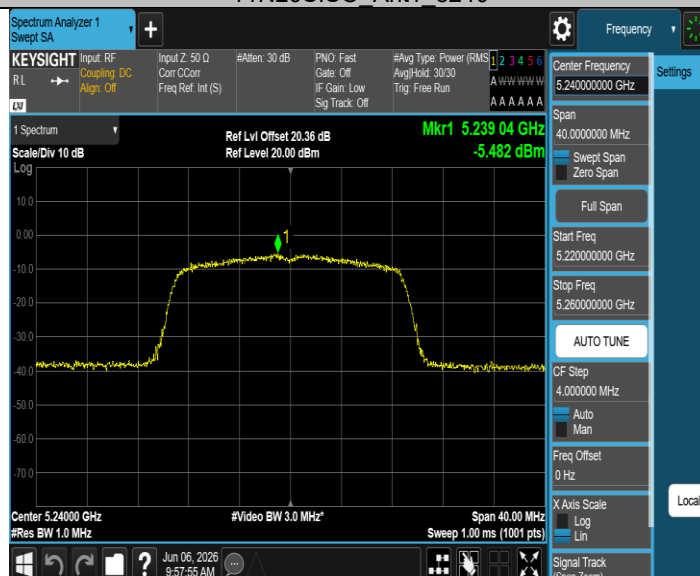
11N20SISO Ant1 5180



11N20SISO Ant1 5200

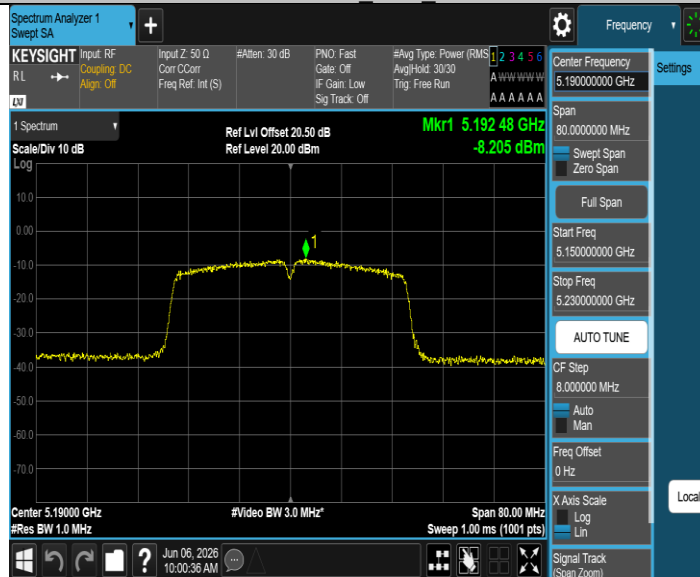


11N20SISO Ant1 5240

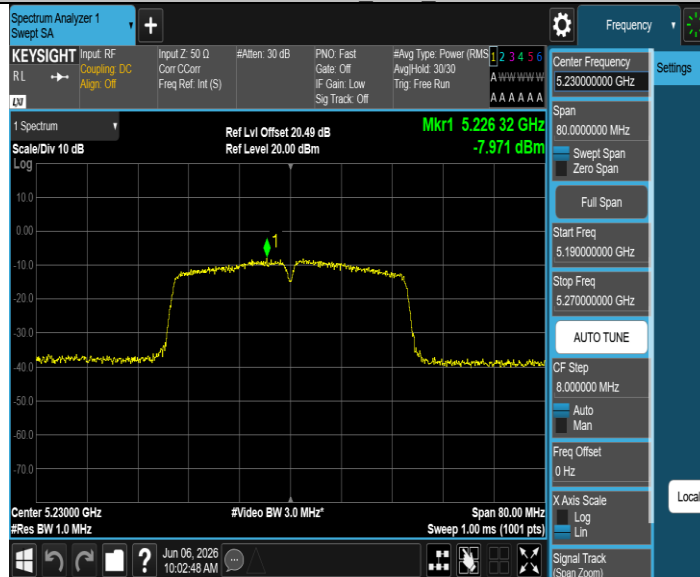




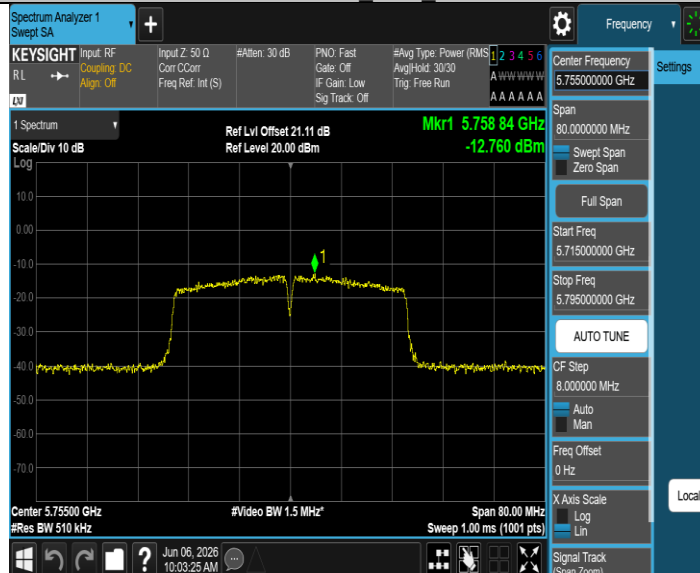
11N40SISO Ant1 5190



11N40SISO Ant1 5230



11N40SISO Ant1 5755













Appendix A.5: Test Results of Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	NT	-80000.00	-15.444015	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-80000.00	-15.444015	20	PASS
		5200	NV	NT	-80000.00	-15.384615	20	PASS
			LV	NT	-80000.00	-15.384615	20	PASS
			HV	NT	-80000.00	-15.384615	20	PASS
		5240	NV	NT	-80000.00	-15.267176	20	PASS
			LV	NT	-80000.00	-15.267176	20	PASS
			HV	NT	-80000.00	-15.267176	20	PASS
		5745	NV	NT	-100000.00	-17.406440	20	PASS
			LV	NT	-100000.00	-17.406440	20	PASS
			HV	NT	-100000.00	-17.406440	20	PASS
		5785	NV	NT	-100000.00	-17.286085	20	PASS
			LV	NT	-100000.00	-17.286085	20	PASS
			HV	NT	-100000.00	-17.286085	20	PASS
		5825	NV	NT	-100000.00	-17.167382	20	PASS
			LV	NT	-100000.00	-17.167382	20	PASS
			HV	NT	-100000.00	-17.167382	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	0	-80000.00	-15.444015	20	PASS
			NV	40	-80000.00	-15.444015	20	PASS
		5200	NV	0	-80000.00	-15.384615	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
		5240	NV	0	-80000.00	-15.267176	20	PASS
			NV	40	-80000.00	-15.267176	20	PASS
		5745	NV	0	-80000.00	-13.925152	20	PASS
			NV	40	-100000.00	-17.406440	20	PASS
		5785	NV	0	-100000.00	-17.286085	20	PASS
			NV	40	-100000.00	-17.286085	20	PASS
		5825	NV	0	-100000.00	-17.167382	20	PASS
			NV	40	-80000.00	-13.733906	20	PASS

Appendix A.6: Test Results of Radiated Spurious Emissions

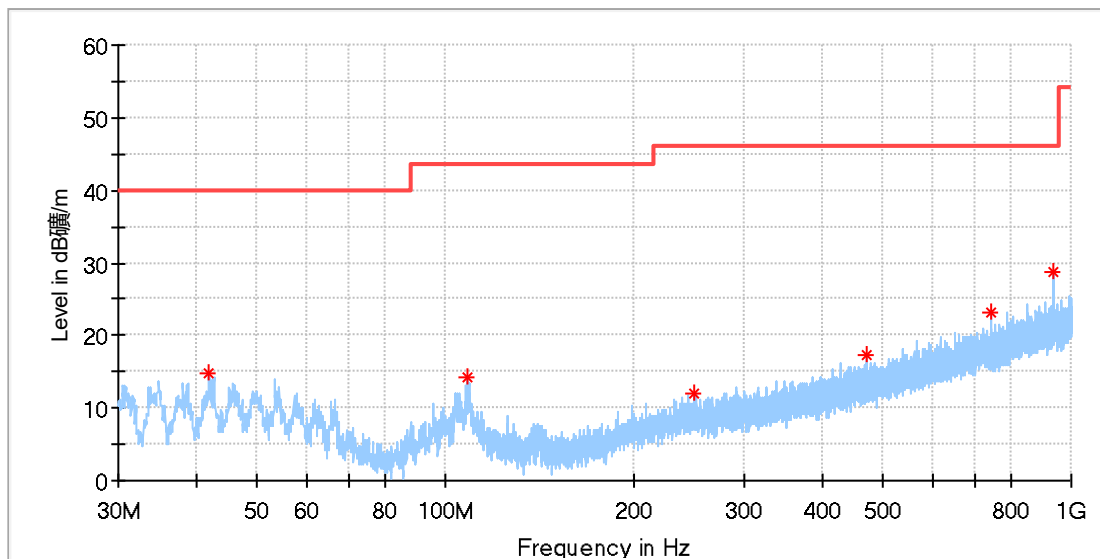
Note:

- 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 - 40GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

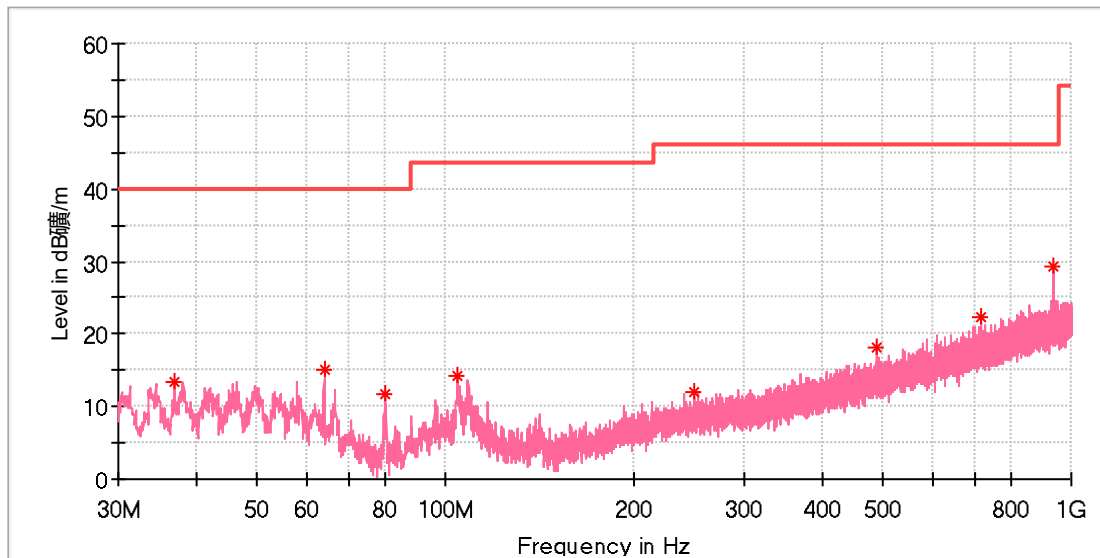
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.963333	14.70	40.00	25.30	100.0	H	157.0	-19.7
108.085000	14.13	43.50	29.37	100.0	H	241.0	-19.1
250.028333	11.95	46.00	34.05	100.0	H	276.0	-17.4
471.727222	17.34	46.00	28.66	100.0	H	290.0	-12.3
742.518889	23.03	46.00	22.97	100.0	H	44.0	-7.2
936.950000	28.68	46.00	17.32	100.0	H	349.0	-4.4

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: Wireless Terminal
Model: GWC11T-W01
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 27226937/A004233979-001
Test Voltage: Battery
Remark: Temp 23 Humi:54%
Test Standard: FCC 15.407
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)
36.897778	13.44	40.00	26.56	100.0	V	179.0	-21.2
64.003889	14.98	40.00	25.02	100.0	V	188.0	-20.0
80.278333	11.66	40.00	28.34	100.0	V	346.0	-23.5
104.743889	14.33	43.50	29.17	100.0	V	194.0	-18.9
250.028333	12.02	46.00	33.98	100.0	V	134.0	-17.4
488.001667	18.18	46.00	27.82	100.0	V	84.0	-12.0
716.275000	22.35	46.00	23.65	100.0	V	263.0	-7.6
938.405000	29.42	46.00	16.58	100.0	V	247.0	-4.4

Final Result

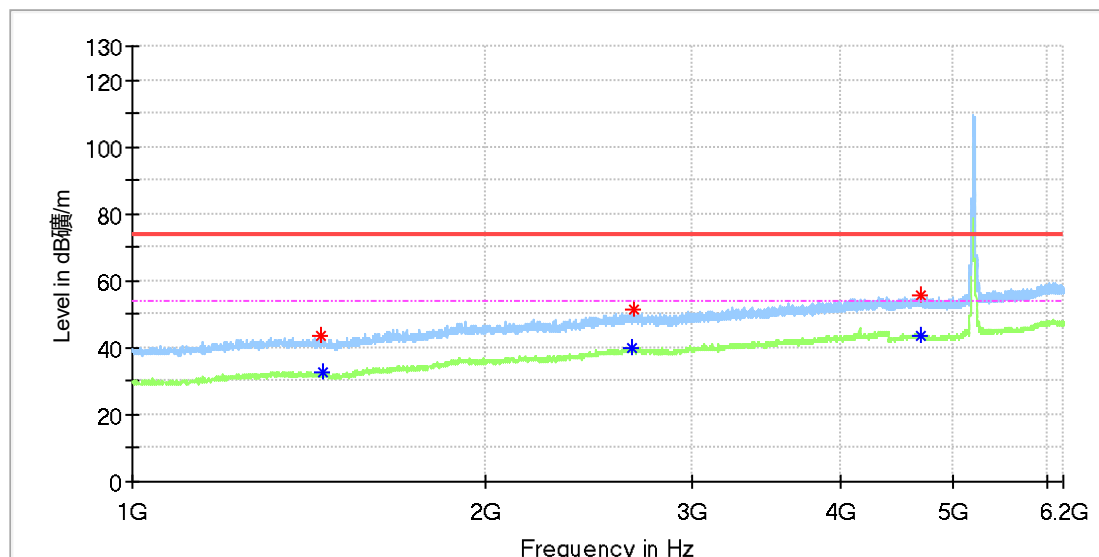
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

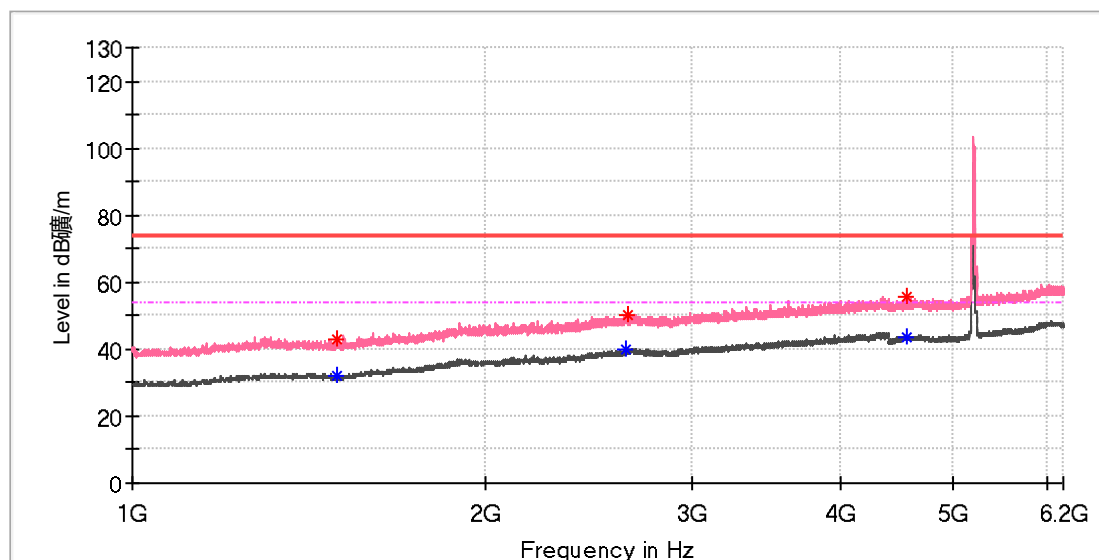
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1448.500000	43.33	---	74.00	30.67	150.0	H	127.0	2.8
1455.000000	---	32.59	54.00	21.41	150.0	H	58.0	2.7
2667.000000	---	39.96	54.00	14.04	150.0	H	175.0	10.2
2674.500000	51.13	---	74.00	22.87	150.0	H	106.0	10.2
4688.500000	55.50	---	74.00	18.50	150.0	H	354.0	13.5
4689.500000	---	43.75	54.00	10.25	150.0	H	263.0	13.5

Final Result

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

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

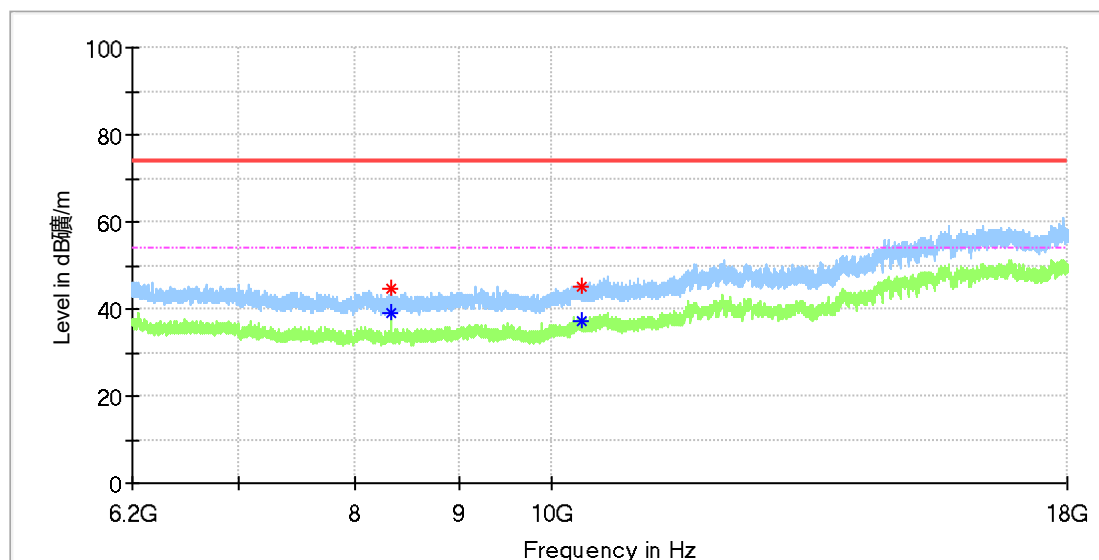
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1494.000000	43.21	---	74.00	30.79	150.0	V	163.0	2.5
1494.500000	---	31.86	54.00	22.14	150.0	V	163.0	2.5
2635.000000	---	39.99	54.00	14.01	150.0	V	12.0	10.0
2642.500000	50.18	---	74.00	23.82	150.0	V	18.0	10.1
4559.500000	55.56	---	74.00	18.44	150.0	V	358.0	13.5
4568.000000	---	43.51	54.00	10.49	150.0	V	164.0	13.5

Final Result

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

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

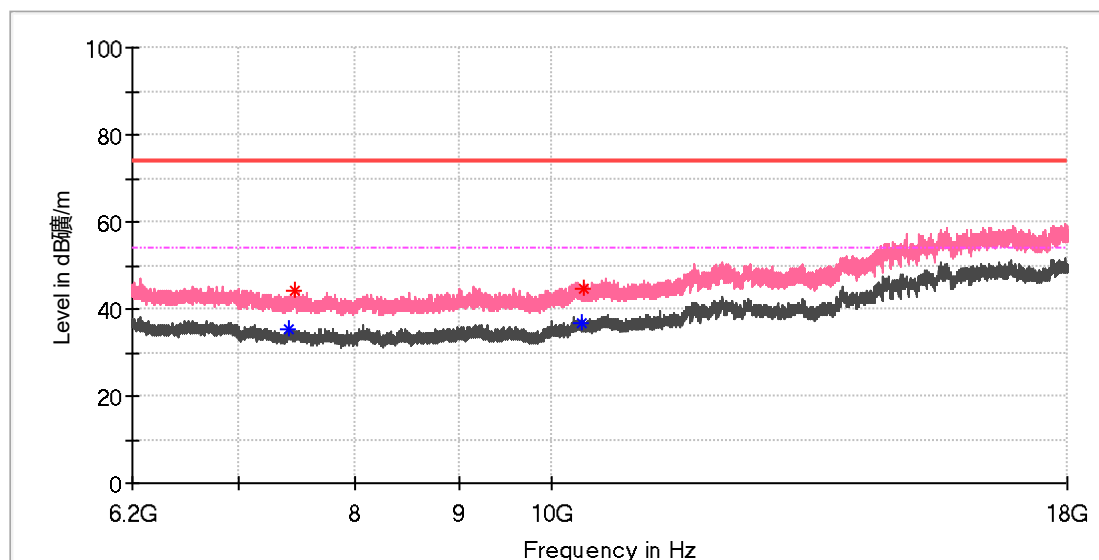
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8319.575000	---	39.20	54.00	14.80	150.0	H	244.0	8.8
8320.066667	44.64	---	74.00	29.36	150.0	H	244.0	8.8
10353.108333	45.27	---	74.00	28.73	150.0	H	234.0	11.8
10353.108333	---	37.33	54.00	16.67	150.0	H	234.0	11.8

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

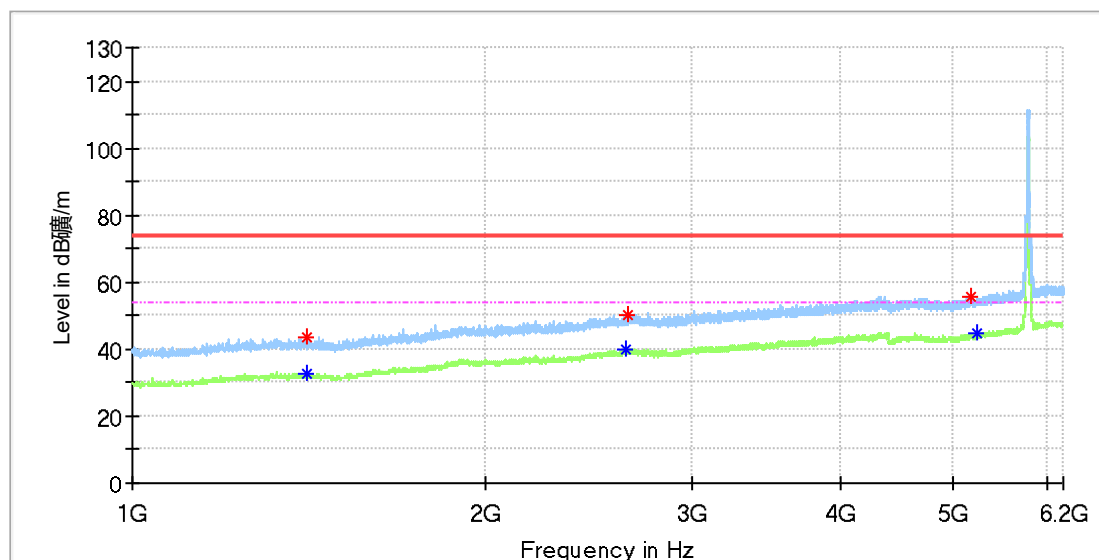
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7403.108333	---	35.38	54.00	18.62	150.0	V	155.0	8.3
7459.650000	44.28	---	74.00	29.72	150.0	V	305.0	8.5
10359.991667	---	36.89	54.00	17.11	150.0	V	186.0	11.8
10361.466667	44.65	---	74.00	29.35	150.0	V	327.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	100.000000

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

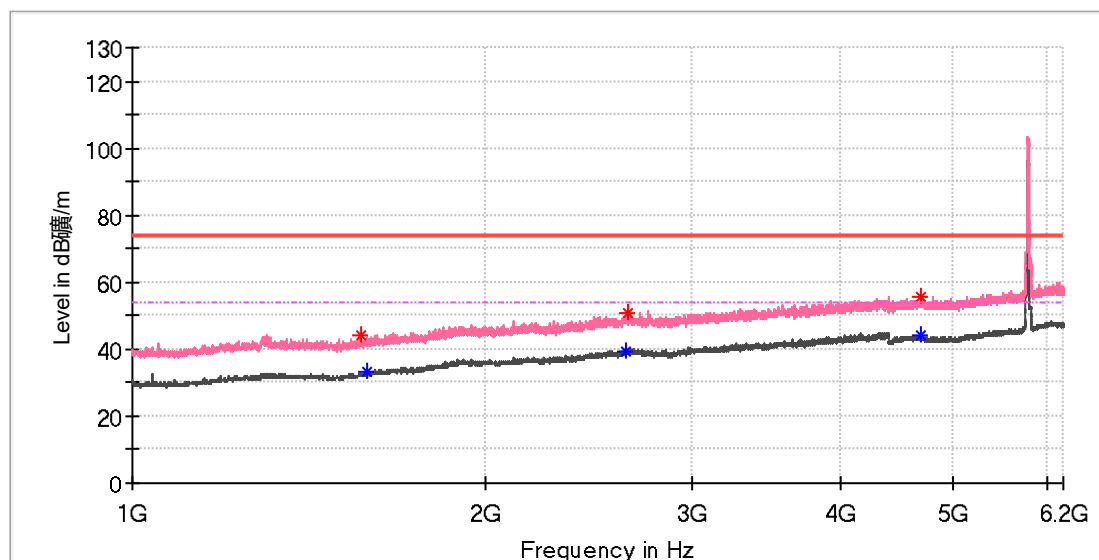
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1409.500000	---	32.56	54.00	21.44	150.0	H	228.0	3.0
1410.000000	43.43	---	74.00	30.57	150.0	H	46.0	3.0
2628.500000	---	40.11	54.00	13.89	150.0	H	78.0	9.9
2641.500000	50.39	---	74.00	23.61	150.0	H	128.0	10.0
5177.500000	55.74	---	74.00	18.26	150.0	H	295.0	14.1
5242.500000	---	44.90	54.00	9.10	150.0	H	314.0	14.3

Final Result

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

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

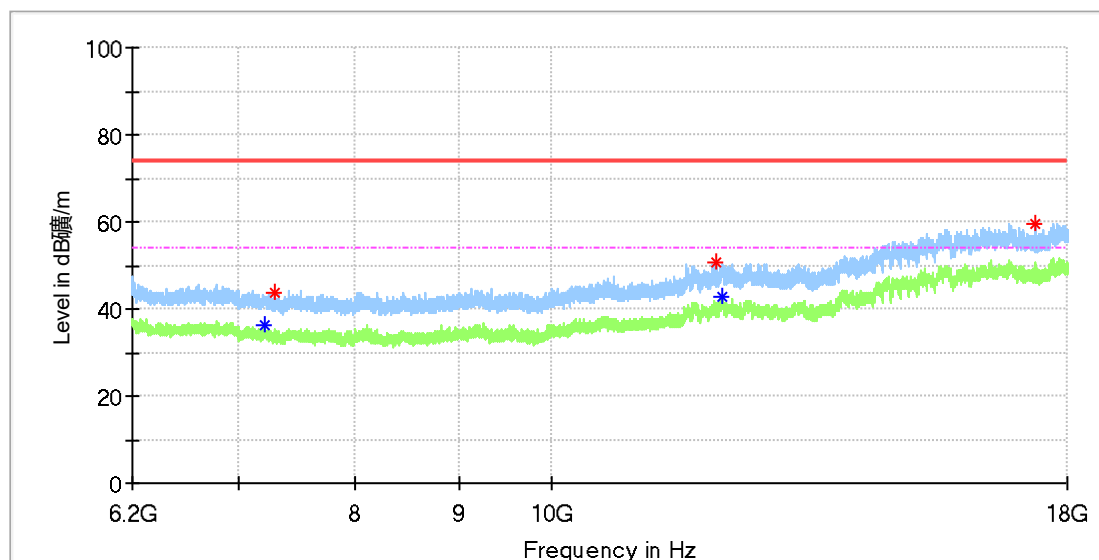
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1565.000000	44.24	---	74.00	29.76	150.0	V	226.0	3.4
1584.500000	---	33.52	54.00	20.48	150.0	V	93.0	3.7
2636.000000	---	39.55	54.00	14.45	150.0	V	136.0	10.0
2637.000000	50.88	---	74.00	23.12	150.0	V	226.0	10.0
4681.000000	55.66	---	74.00	18.34	150.0	V	284.0	13.5
4692.000000	---	43.98	54.00	10.02	150.0	V	270.0	13.5

Final Result

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

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

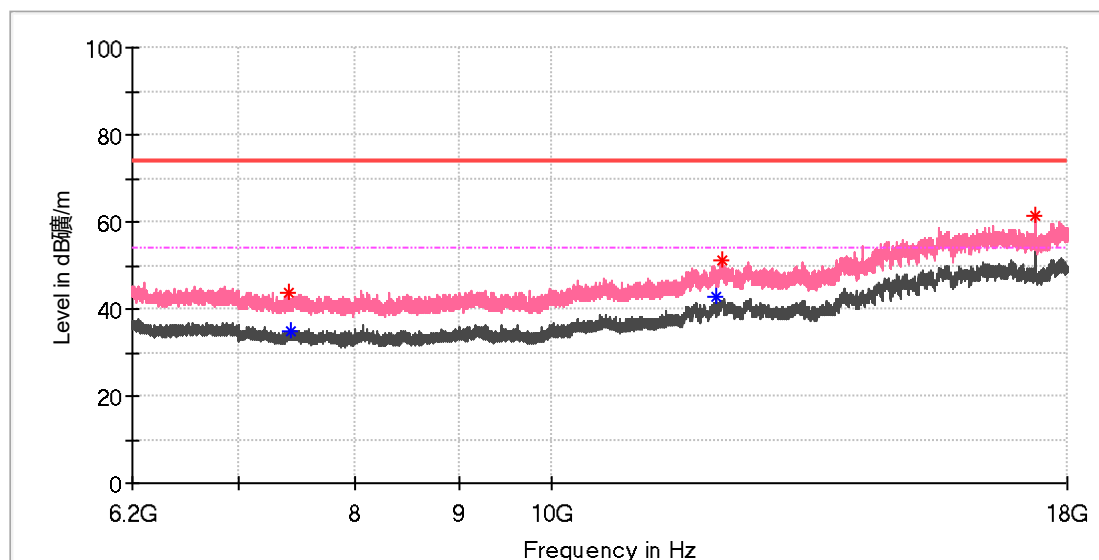
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7203.491667	---	36.34	54.00	17.66	150.0	H	283.0	8.8
7295.925000	43.75	---	74.00	30.25	150.0	H	229.0	8.3
12049.850000	50.92	---	74.00	23.08	150.0	H	0.0	16.4
12148.675000	---	42.65	54.00	11.35	150.0	H	206.0	16.7
17354.441667	59.55	---	74.00	14.45	150.0	H	0.0	21.3

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
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)
7417.858333	43.89	---	74.00	30.11	150.0	V	52.0	8.4
7432.608333	---	34.95	54.00	19.05	150.0	V	133.0	8.4
12050.833333	---	43.01	54.00	10.99	150.0	V	276.0	16.3
12148.675000	51.04	---	74.00	22.96	150.0	V	210.0	16.7
17350.016667	61.20	---	74.00	12.80	150.0	V	0.0	21.3

Final Result

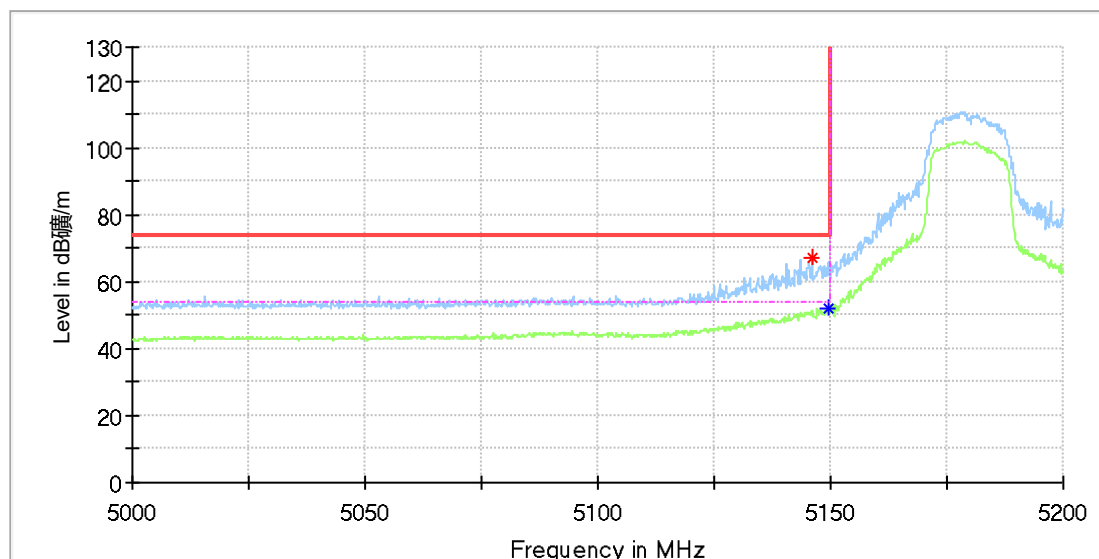
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 a mode

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

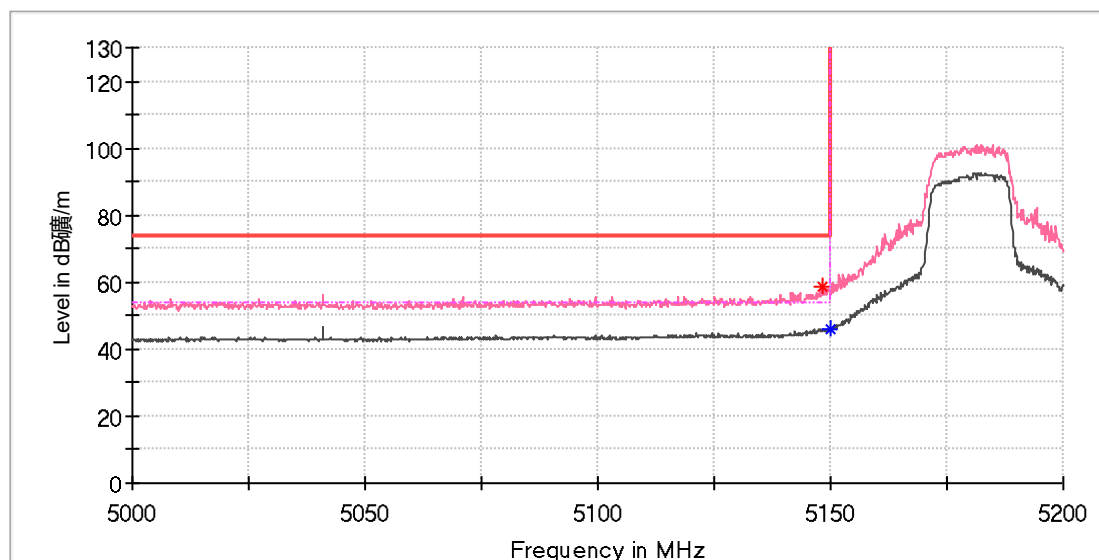
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5145.966667	67.08	---	74.00	6.92	150.0	H	265.0	13.9
5149.511111	---	52.22	54.00	1.78	150.0	H	265.0	13.9

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

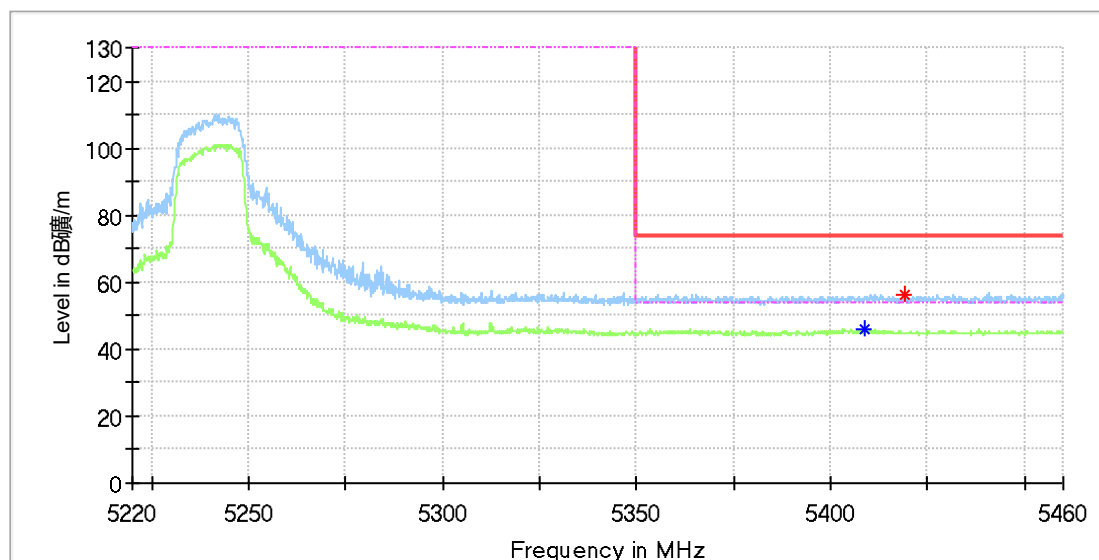
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.061111	58.41	---	74.00	15.59	150.0	V	99.0	13.9
5149.833333	---	46.19	54.00	7.81	150.0	V	218.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	300	V	135	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

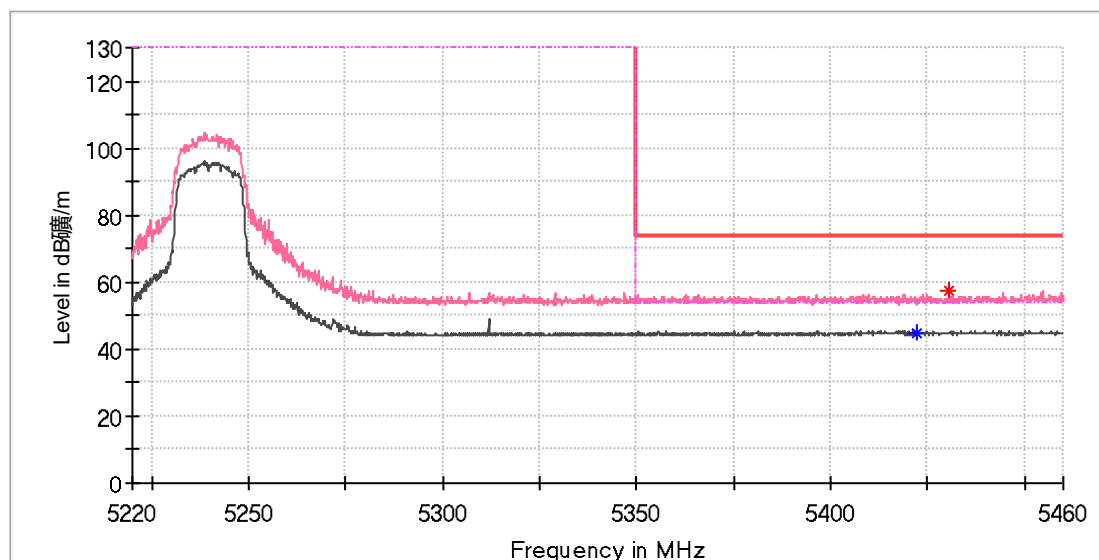
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5408.888889	---	46.05	54.00	7.95	150.0	H	57.0	15.0
5419.366667	56.30	---	74.00	17.70	150.0	H	18.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	115.0	3.0	100	V	0	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

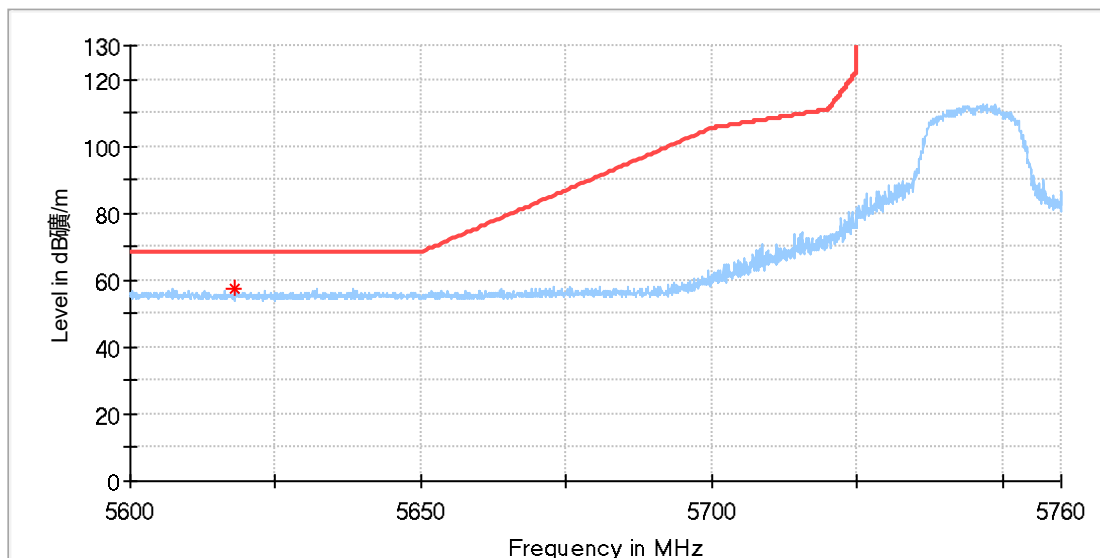
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5422.305556	---	44.91	54.00	9.09	150.0	V	106.0	15.0
5430.611111	57.22	---	74.00	16.78	150.0	V	335.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100	V	135	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

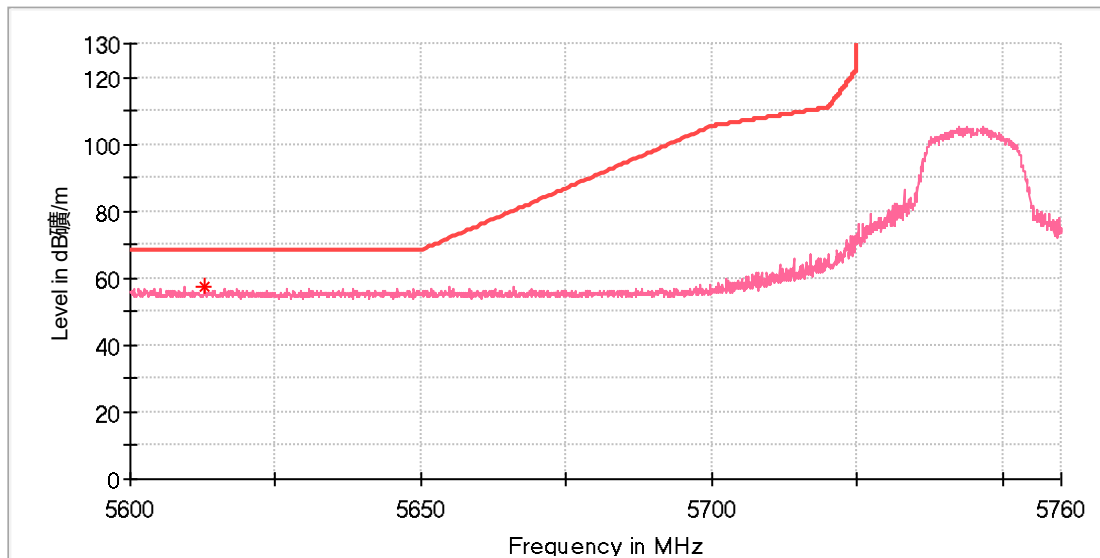
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5618.027778	57.59	68.20	10.61	150.0	H	114.0	15.3

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

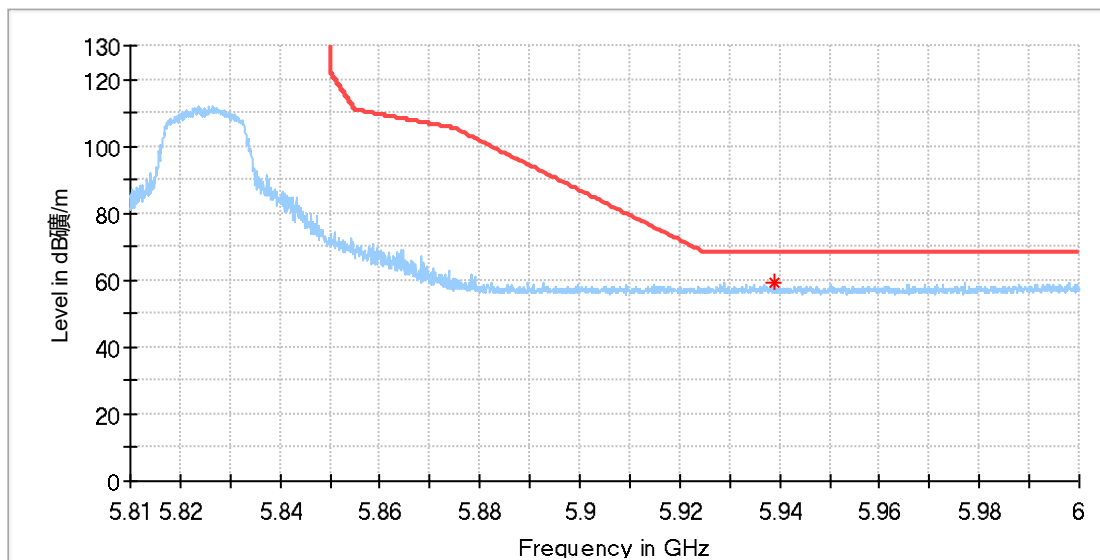
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5612.711111	57.59	68.20	10.61	150.0	V	305.0	15.3

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

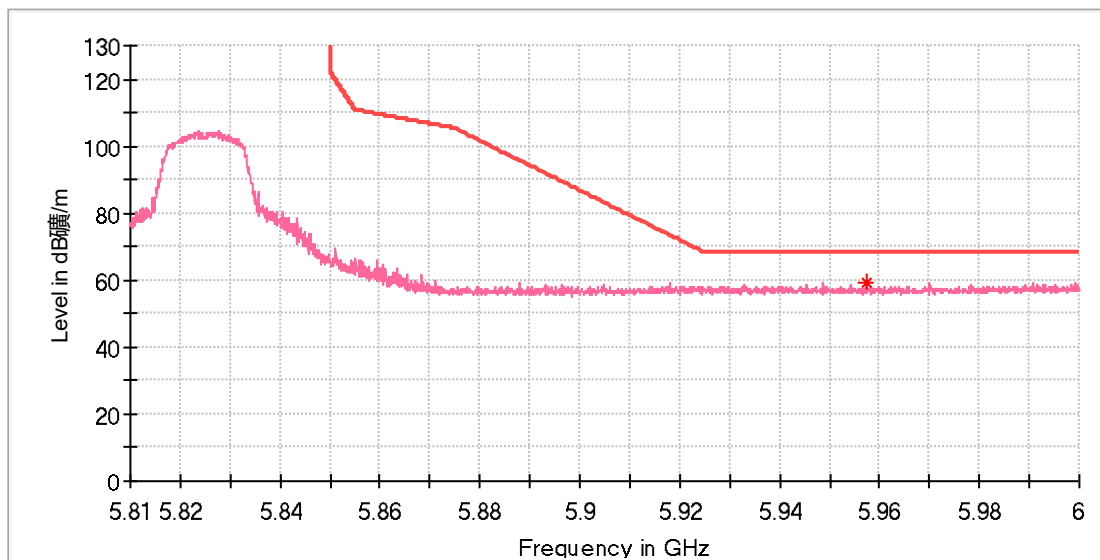
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5938.888889	59.22	68.20	8.98	150.0	H	210.0	16.2

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
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)
5957.222222	59.46	68.20	8.74	150.0	V	297.0	16.3

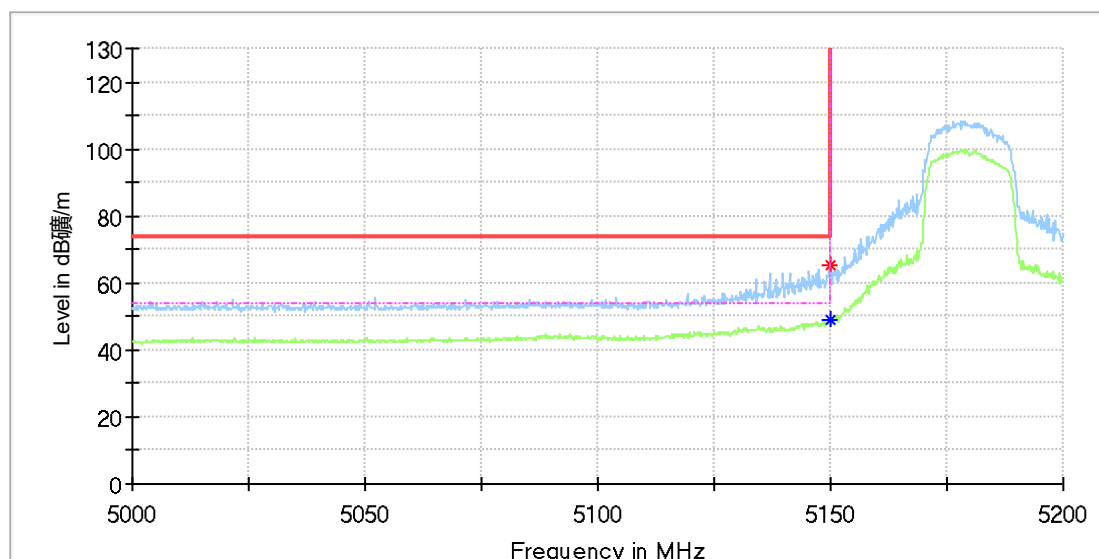
Final Result

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

Wi-Fi 802.11 ac(VHT20) mode

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac20_Ch36
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

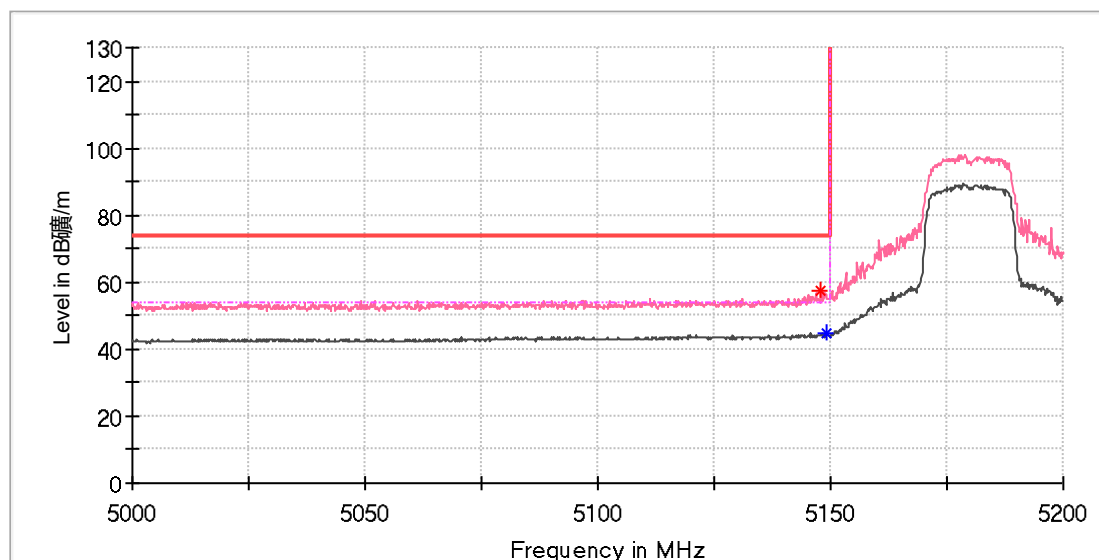
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.833333	---	49.15	54.00	4.85	150.0	H	259.0	13.9
5149.833333	65.56	---	74.00	8.44	150.0	H	259.0	13.9

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac20_Ch36
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

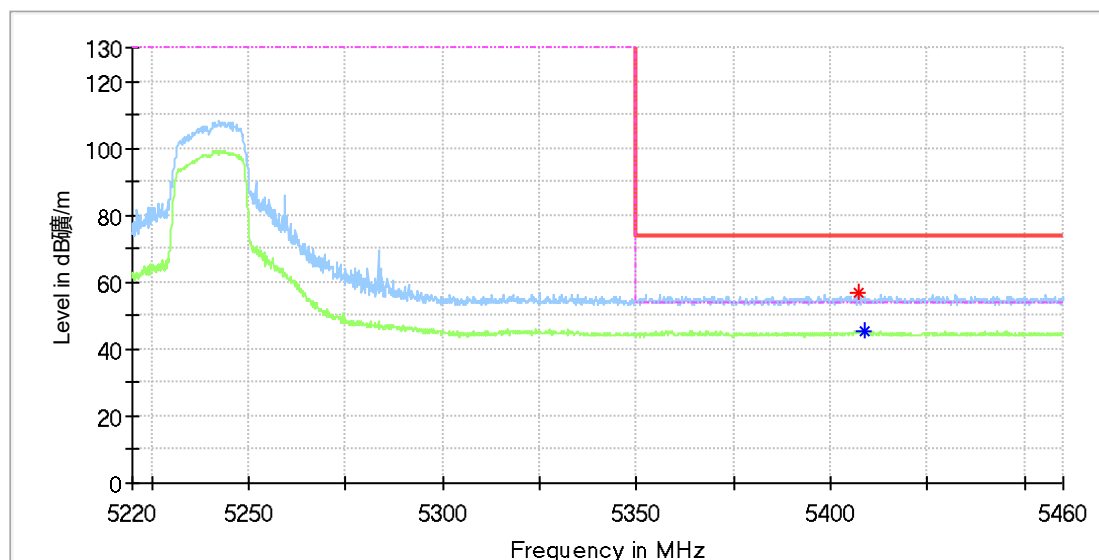
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.900000	57.69	---	74.00	16.31	150.0	V	97.0	13.9
5149.350000	---	44.59	54.00	9.41	150.0	V	68.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	115.0	3.0	100	V	0	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac20_Ch48
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

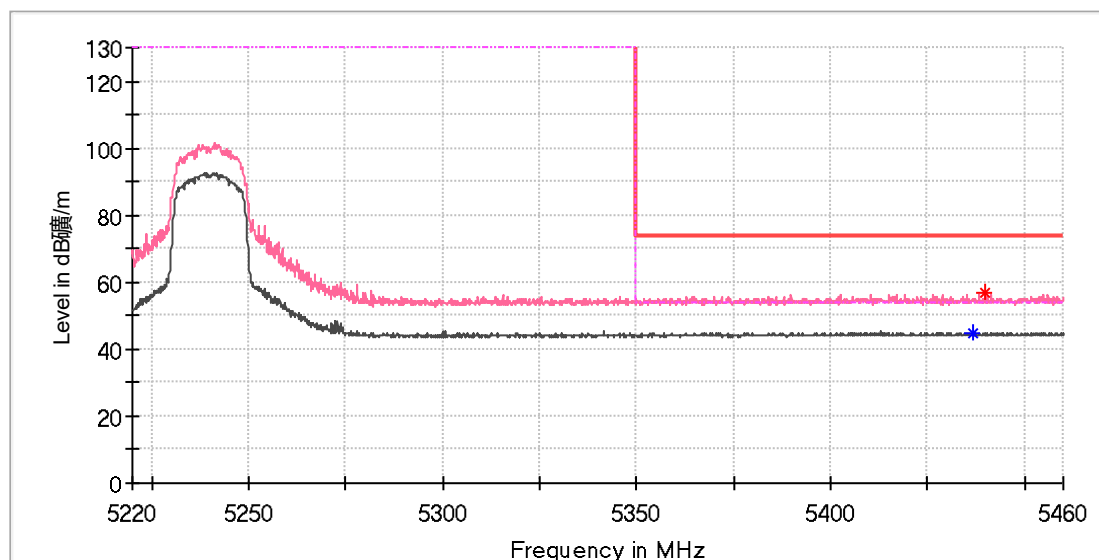
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5407.355556	56.80	---	74.00	17.20	150.0	H	5.0	15.0
5408.633333	---	45.13	54.00	8.88	150.0	H	270.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	115.0	3.0	100	V	0	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac20_Ch48
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
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)
5436.488889	---	45.00	54.00	9.00	150.0	V	257.0	15.0
5439.811111	56.64	---	74.00	17.36	150.0	V	225.0	15.0

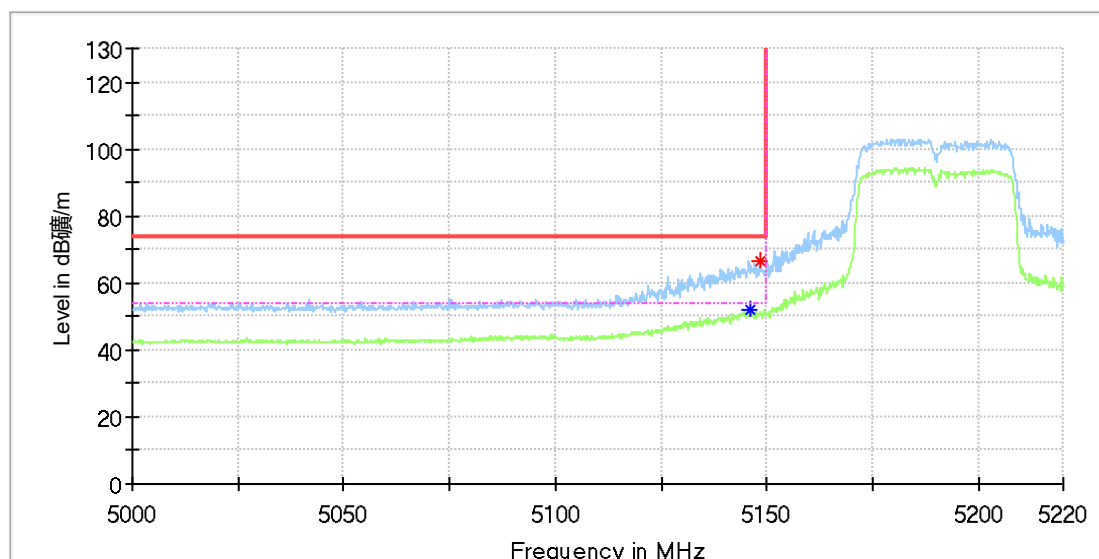
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	115.0	3.0	100	V	0	0.0

Wi-Fi 802.11 ac(VHT40) mode

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac40_Ch38
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

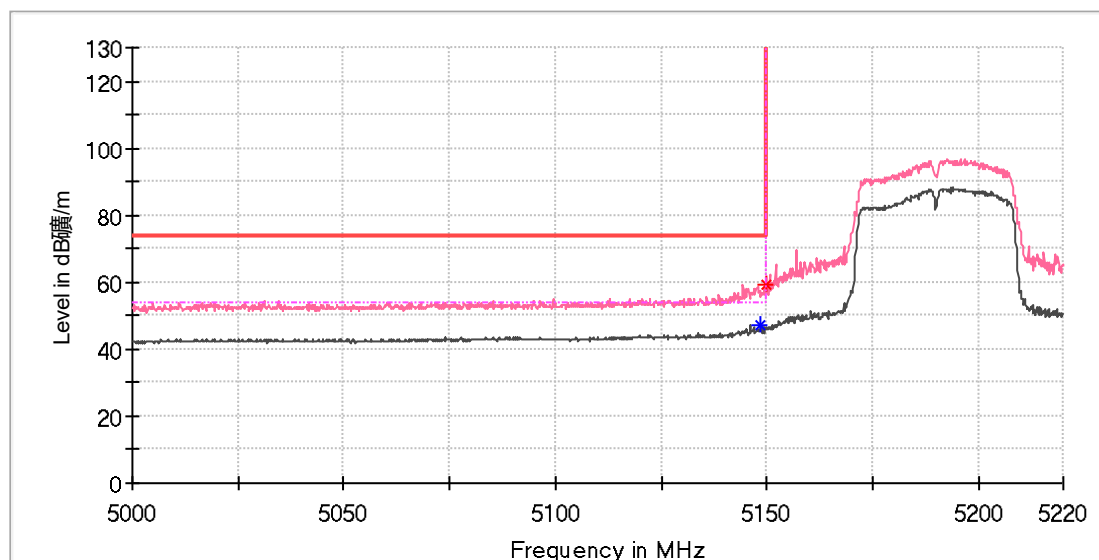
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.127778	---	52.08	54.00	1.92	150.0	H	263.0	13.9
5148.222222	66.69	---	74.00	7.31	150.0	H	263.0	13.9

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac40_Ch38
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

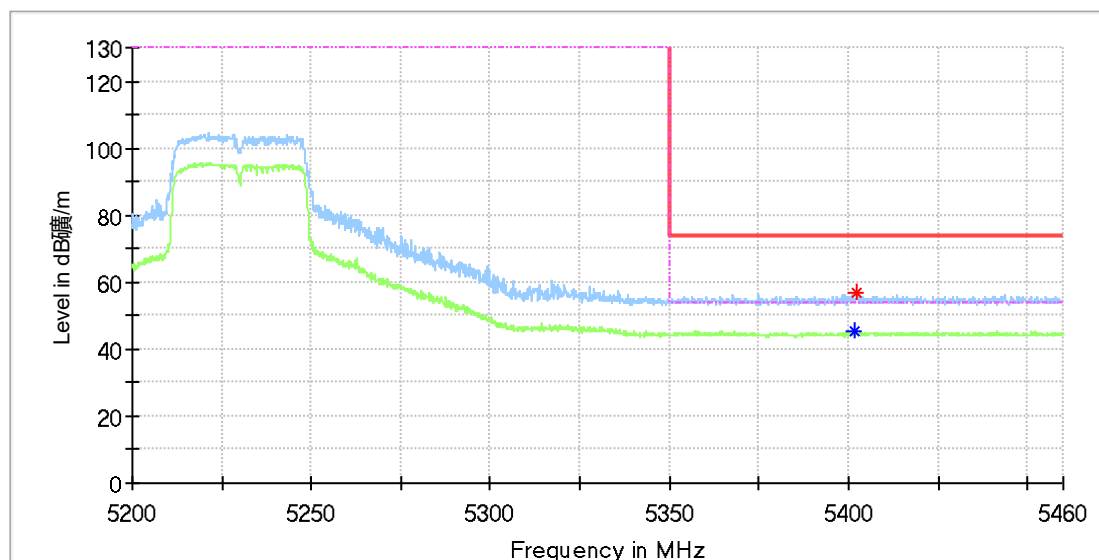
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.544445	---	47.05	54.00	6.95	150.0	V	118.0	13.9
5149.833333	59.48	---	74.00	14.52	150.0	V	124.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	120.0	110.0	110.0	10.0	100.0	V	0.0	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac40_Ch46
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

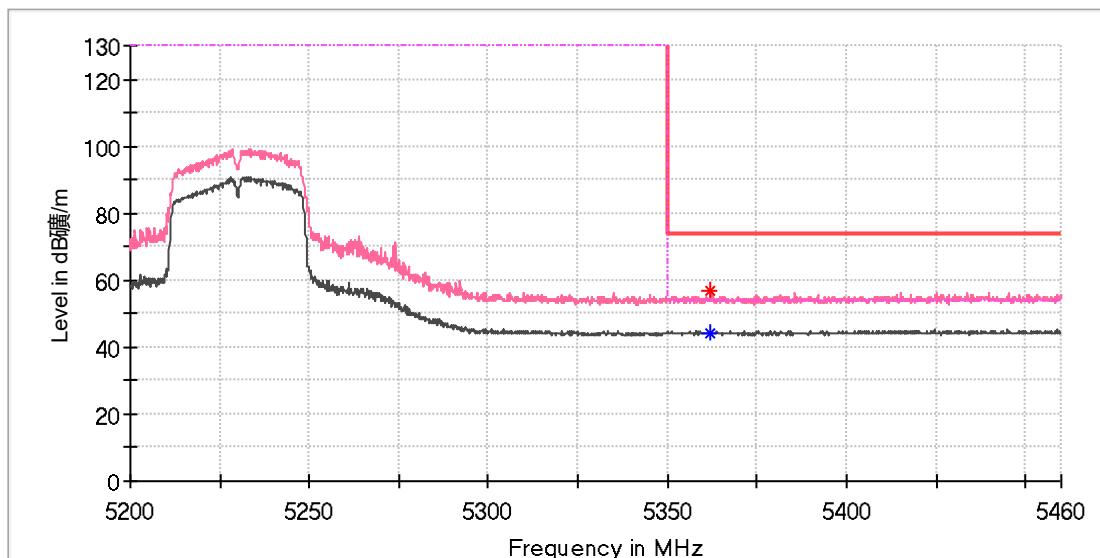
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5401.861111	---	45.15	54.00	8.85	150.0	H	267.0	15.0
5402.500000	56.79	---	74.00	17.21	150.0	H	252.0	15.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	120.0	110.0	110.0	10.0	100.0	V	0.0	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac40_Ch46
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
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)
5361.994445	---	44.31	54.00	9.69	150.0	V	138.0	14.8
5362.122222	57.06	---	74.00	16.94	150.0	V	54.0	14.8

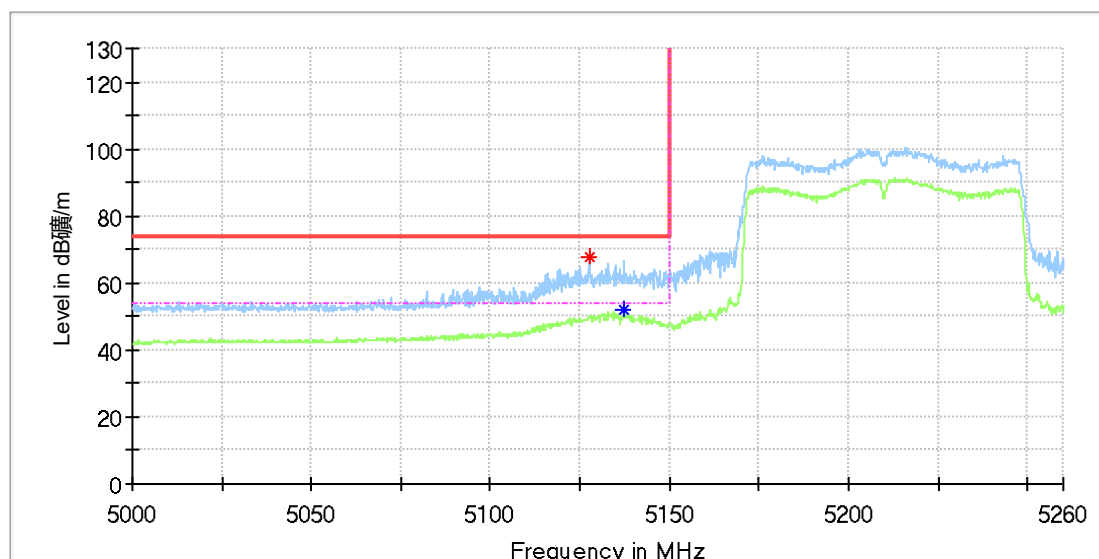
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	129.000000	129.000000	129.000000	0.000000	0.000000		0.000000	0.000000

Wi-Fi 802.11 ac(VHT80) mode

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

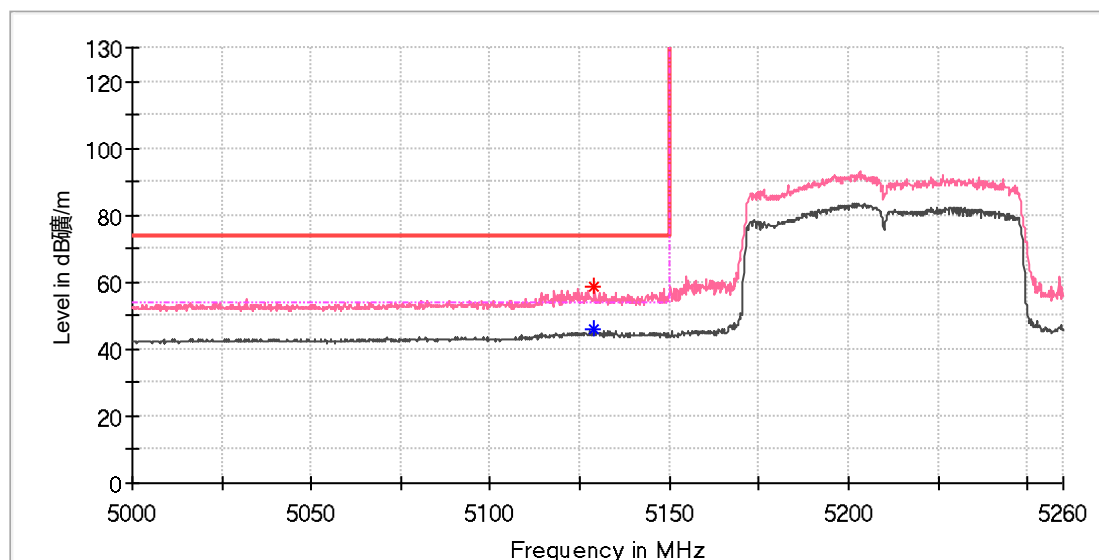
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5127.761111	67.95	---	74.00	6.05	150.0	H	258.0	13.8
5137.266667	---	51.80	54.00	2.20	150.0	H	264.0	13.9

Final Result

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

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

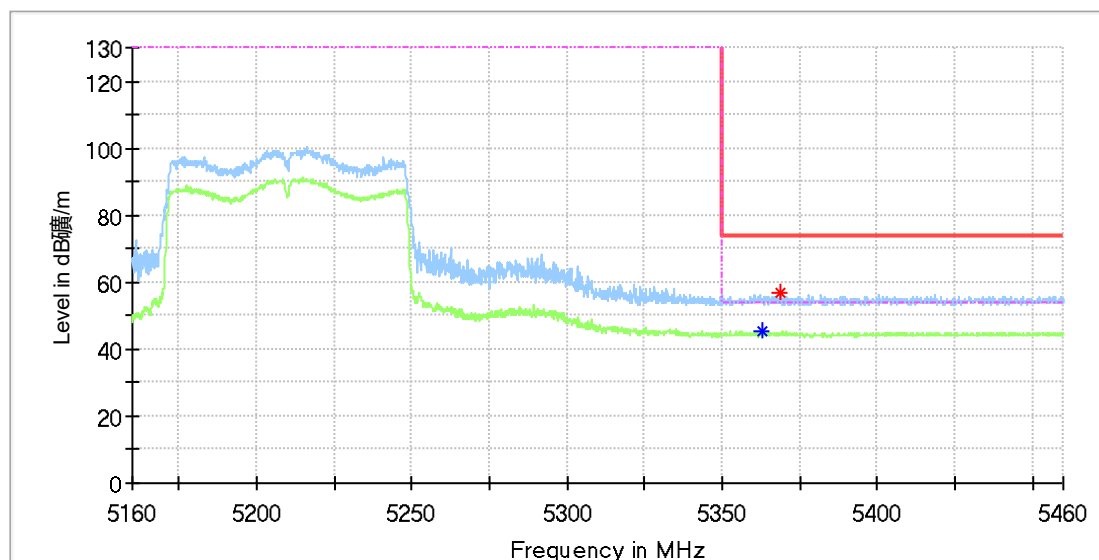
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5129.050000	---	45.90	54.00	8.10	150.0	V	259.0	13.8
5129.050000	58.45	---	74.00	15.55	150.0	V	259.0	13.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	120.0	110.0	120.0	0.0	100.0	0	0	0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

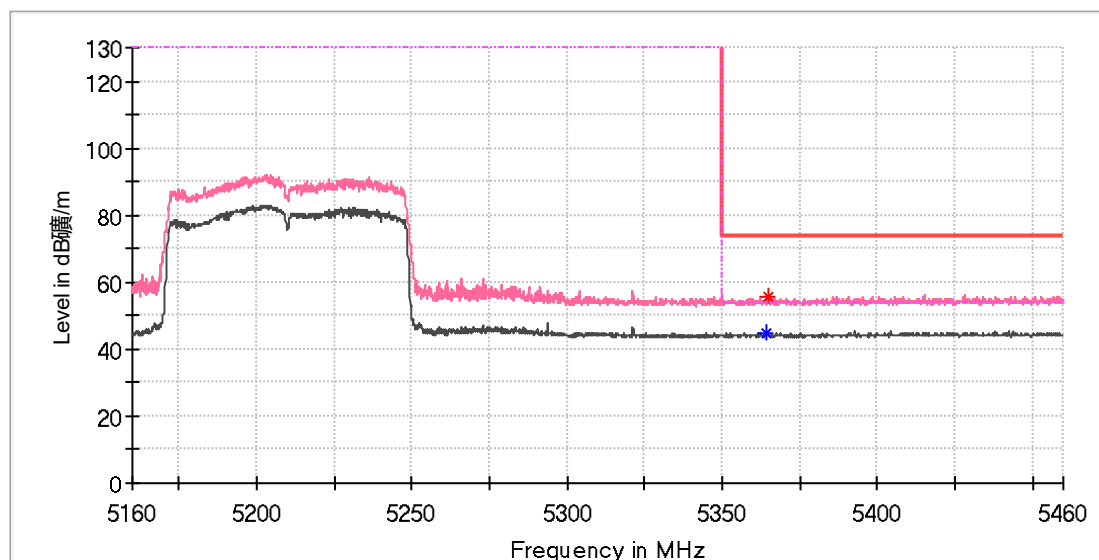
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5362.761111	---	45.06	54.00	8.94	150.0	H	257.0	14.8
5368.894445	56.69	---	74.00	17.31	150.0	H	313.0	14.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.7	122.0	118.0	120.0	2.0	100	V	135	0.0

EUT Information

EUT Name:	Wireless Terminal
Model:	GWC11T-W01
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27226937/A004233979-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:54%
Test Standard:	FCC 15.407
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)
5364.550000	---	44.59	54.00	9.41	150.0	V	43.0	14.8
5364.677778	55.86	---	74.00	18.14	150.0	V	206.0	14.8

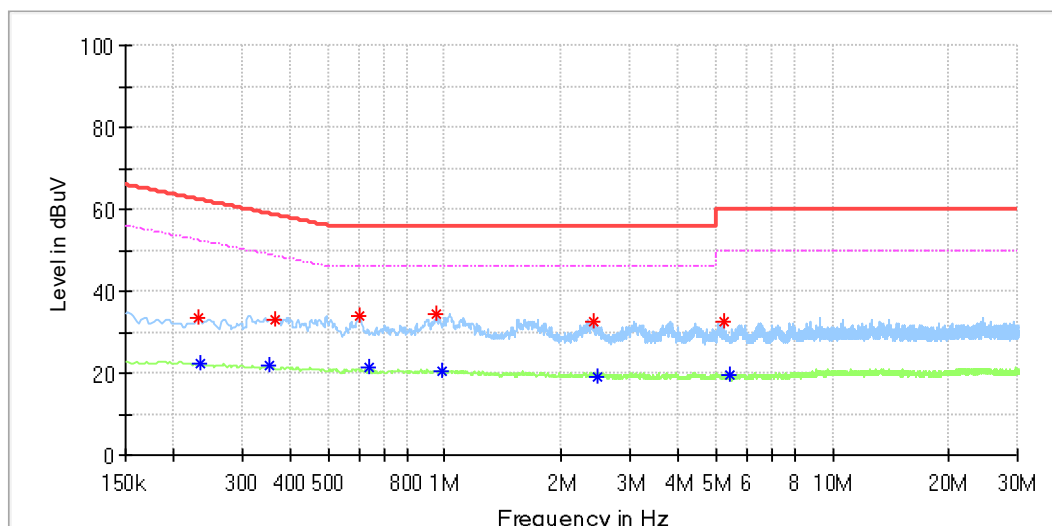
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	115.0	3.0	100	V	0	0.0

Appendix A.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Wireless Terminal
Order Number:	27201377 10(P02234644)
Model:	GWC11T-W01
Test Mode:	Charging with Bluetooth and Wi-Fi connecting
Test Voltage:	AC 120V/ 60Hz
Standard:	FCC PART 15 C
Test By:/Review By:	Charron Chen / Charlie Zha
Tem./Hum./Pressure:	24.2°C/51.0%/101kPa
Remark:	SR 3



Critical Freqs

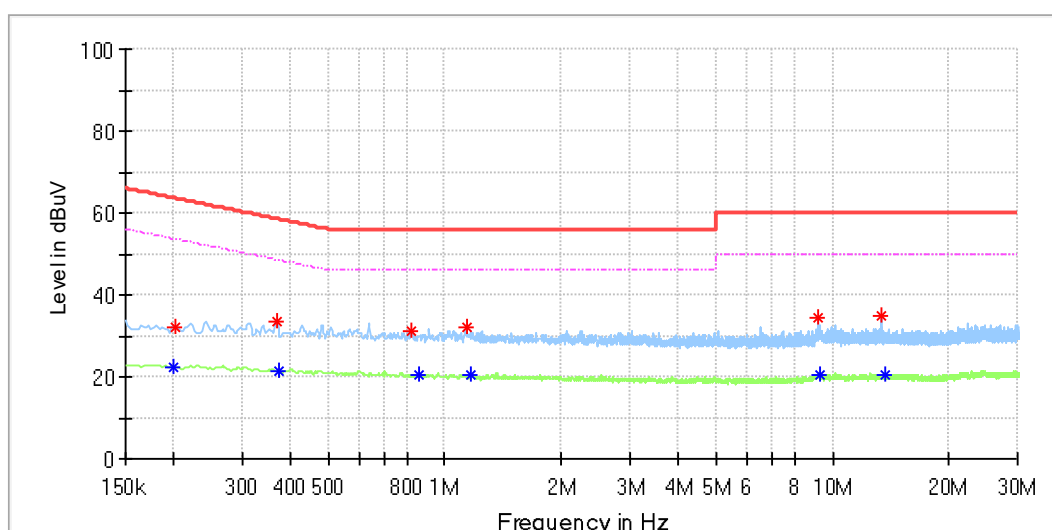
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.232	33.6	---	62.38	28.78	L1	9.7
0.235	---	22.2	52.29	30.08	L1	9.7
0.351	---	22.0	48.93	26.95	L1	9.6
0.366	33.2	---	58.58	25.42	L1	9.5
0.605	33.8	---	56.00	22.21	L1	9.6
0.640	---	21.2	46.00	24.82	L1	9.7
0.953	34.2	---	56.00	21.76	L1	9.7
0.983	---	20.3	46.00	25.74	L1	9.7
2.419	32.5	---	56.00	23.45	L1	9.6
2.463	---	19.1	46.00	26.86	L1	9.6
5.222	32.7	---	60.00	27.30	L1	9.8
5.401	---	19.5	50.00	30.54	L1	9.8

Final Result

[illegible]

EUT Information

EUT Name:	Wireless Terminal
Order Number:	27201377 10(P02234644)
Model:	GWC11T-W01
Test Mode:	Charging with Bluetooth and Wi-Fi connecting
Test Voltage:	AC 120V/ 60Hz
Standard:	Wireless Terminal
Test By:/Review By:	Charron Chen / Charlie Zha
Tem./Hum./Pressure:	24.2°C/51.0%/101kPa
Remark:	SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.200	---	22.5	53.62	31.15	N	9.9
0.202	32.2	---	63.52	31.29	N	9.9
0.369	33.4	---	58.53	25.12	N	9.9
0.371	---	21.4	48.47	27.11	N	9.9
0.822	30.9	---	56.00	25.06	N	9.8
0.854	---	20.4	46.00	25.63	N	9.8
1.140	32.1	---	56.00	23.90	N	9.8
1.172	---	20.4	46.00	25.59	N	9.8
9.202	34.3	---	60.00	25.74	N	9.7
9.262	---	20.7	50.00	29.33	N	9.7
13.329	35.0	---	60.00	25.04	N	9.6
13.615	---	20.3	50.00	29.74	N	9.6

Final Result

[illegible]