

Appendix A.7: Test Results of Radiated Spurious Emissions

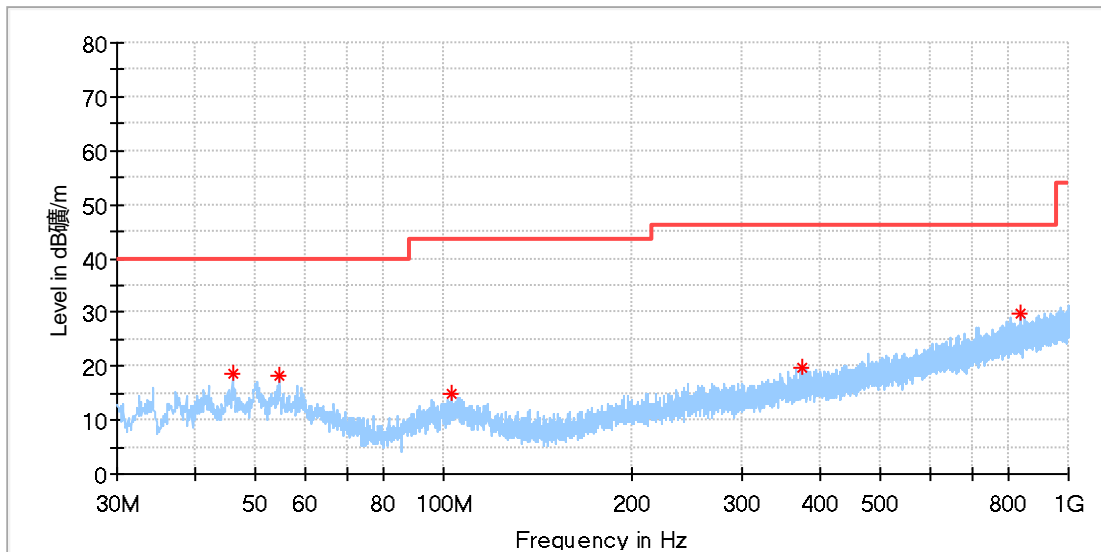
Note:

- 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 18GHz - 26.5GHz 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:	Osmo Pocket 3
Model:	PP-101
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

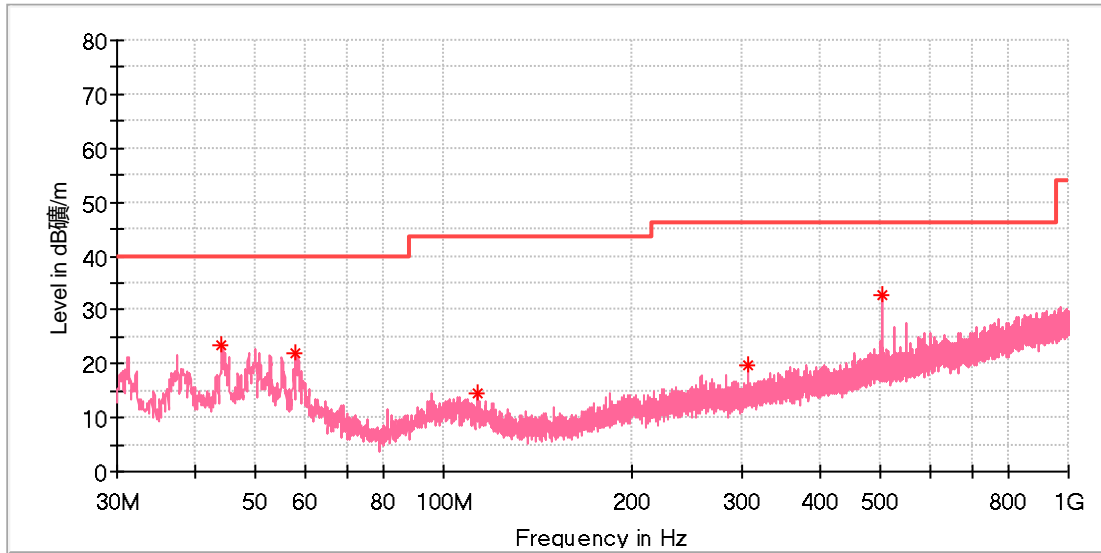
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.956500	18.46	40.00	21.54	100.0	H	0.0	-18.7
54.589500	18.32	40.00	21.68	100.0	H	256.0	-18.4
103.138000	15.02	43.50	28.48	100.0	H	242.0	-18.8
375.174500	19.65	46.00	26.35	100.0	H	223.0	-14.3
838.543500	29.85	46.00	16.15	100.0	H	194.0	-5.7

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 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)
44.162000	23.30	40.00	16.70	100.0	V	269.0	-19.0
57.984500	22.10	40.00	17.90	100.0	V	169.0	-18.8
113.517000	14.54	43.50	28.96	100.0	V	298.0	-19.5
307.177500	19.79	46.00	26.21	100.0	V	305.0	-16.1
503.990500	32.69	46.00	13.31	100.0	V	310.0	-11.7

Final_Result

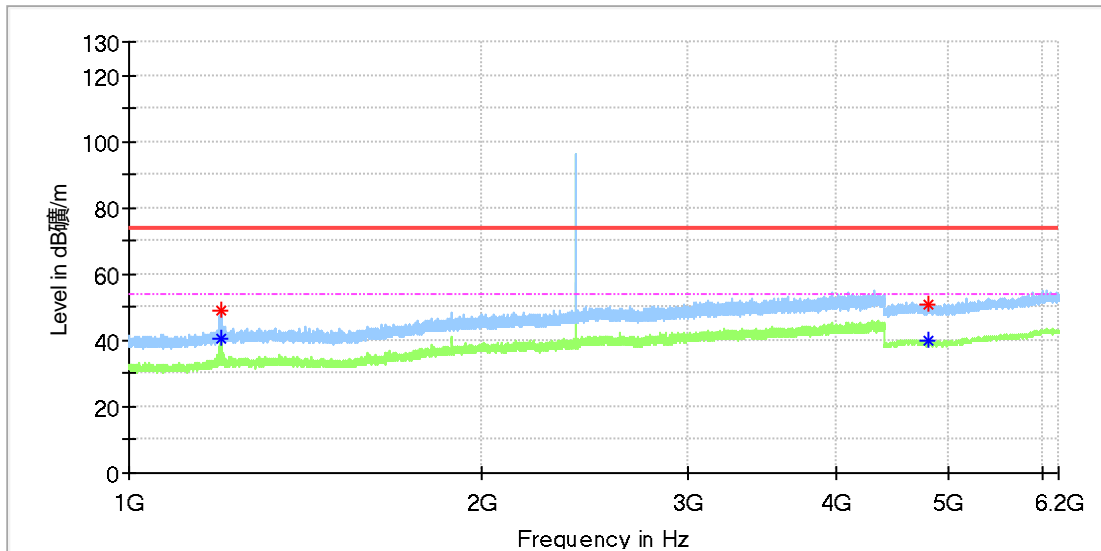
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	Osmo Pocket 3
Model:	PP-101
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

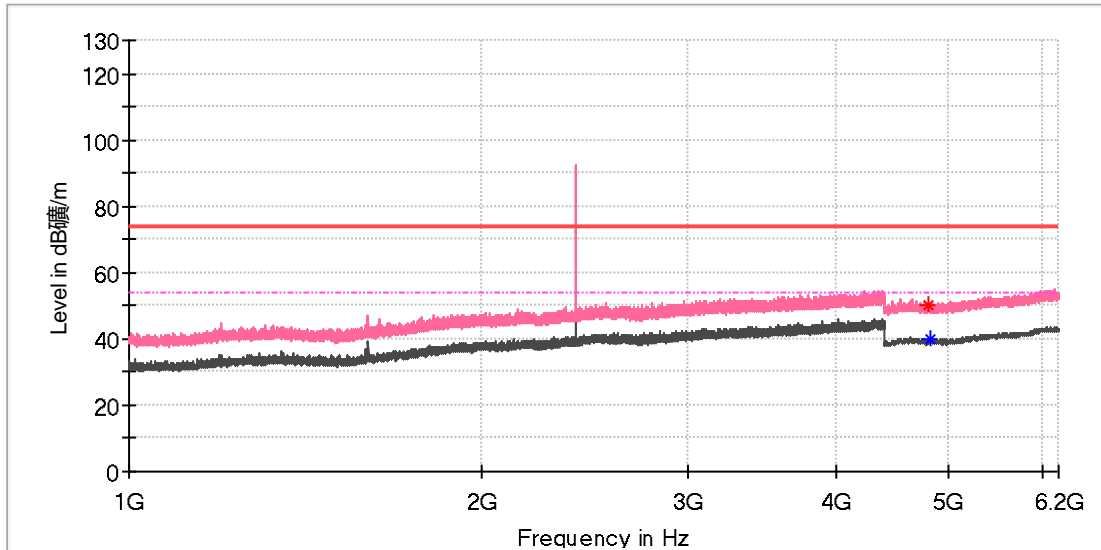
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.010000	---	40.47	54.00	13.53	150.0	H	173.0	1.1
1197.880000	49.20	---	74.00	24.80	150.0	H	173.0	1.1
4797.500000	50.96	---	74.00	23.04	150.0	H	79.0	11.8
4802.000000	---	39.72	54.00	14.28	150.0	H	9.0	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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Low channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

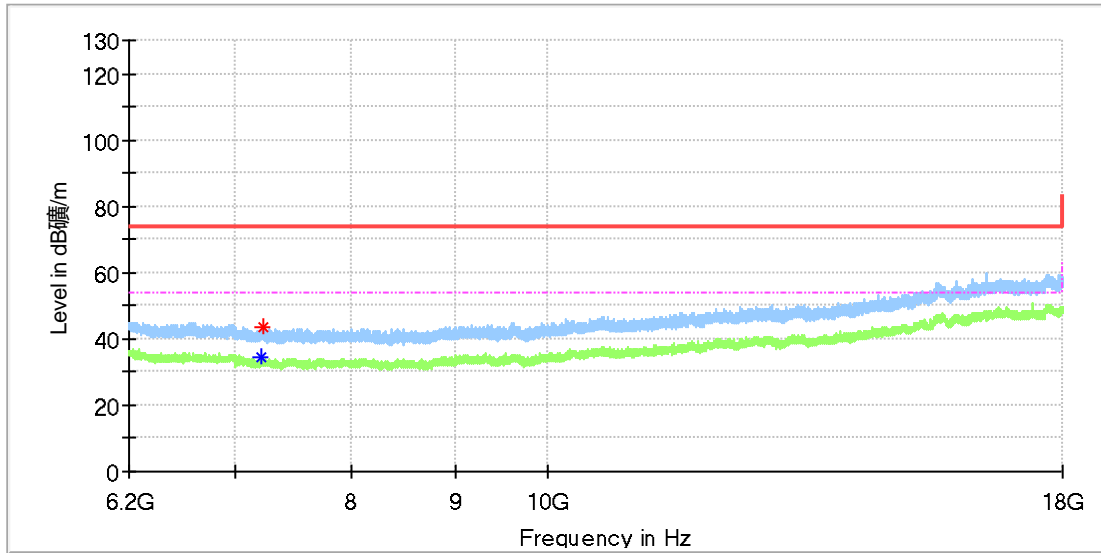
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4811.000000	50.40	---	74.00	23.60	150.0	V	355.0	11.8
4820.500000	---	39.81	54.00	14.19	150.0	V	135.0	11.8

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: Osmo Pocket 3
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Critical_Freqs

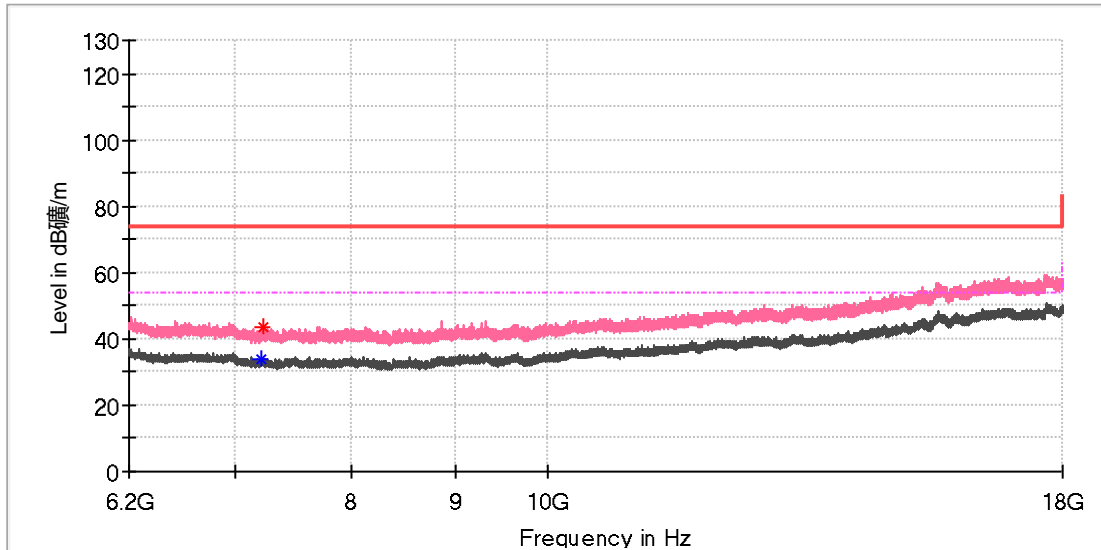
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7218.241667	---	34.36	54.00	19.64	150.0	H	123.0	8.7
7223.650000	43.47	---	74.00	30.53	150.0	H	194.0	8.7

Final_Result

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

EUT Name: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Low channel
 Order No/Sample No: 168423544/A003491201-007
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 Test Standard: FCC 15.247
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Critical_Freqs

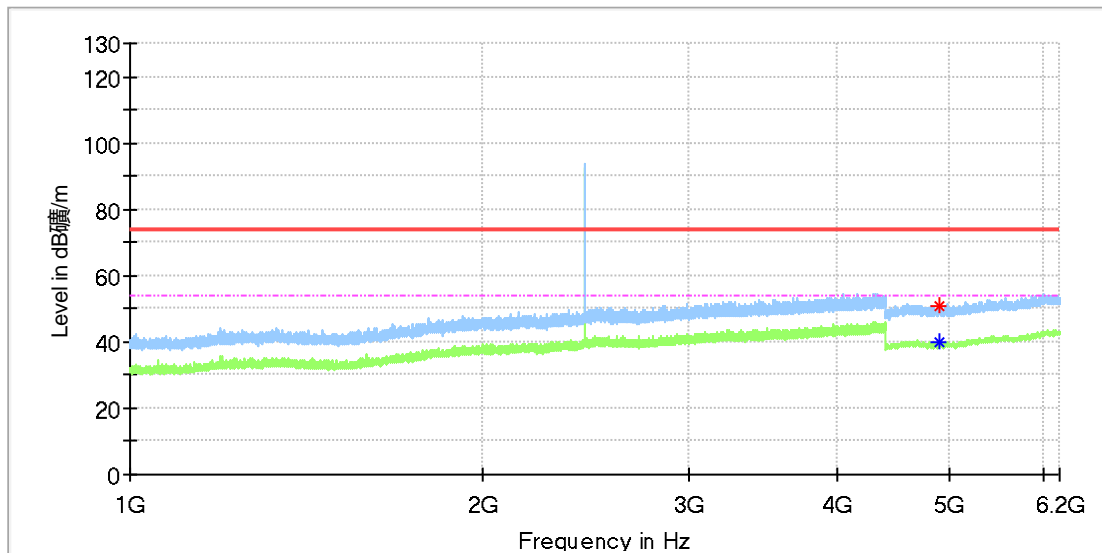
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	---	34.06	54.00	19.94	150.0	V	7.0	8.7
7232.008333	43.44	---	74.00	30.56	150.0	V	270.0	8.6

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
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Critical_Freqs

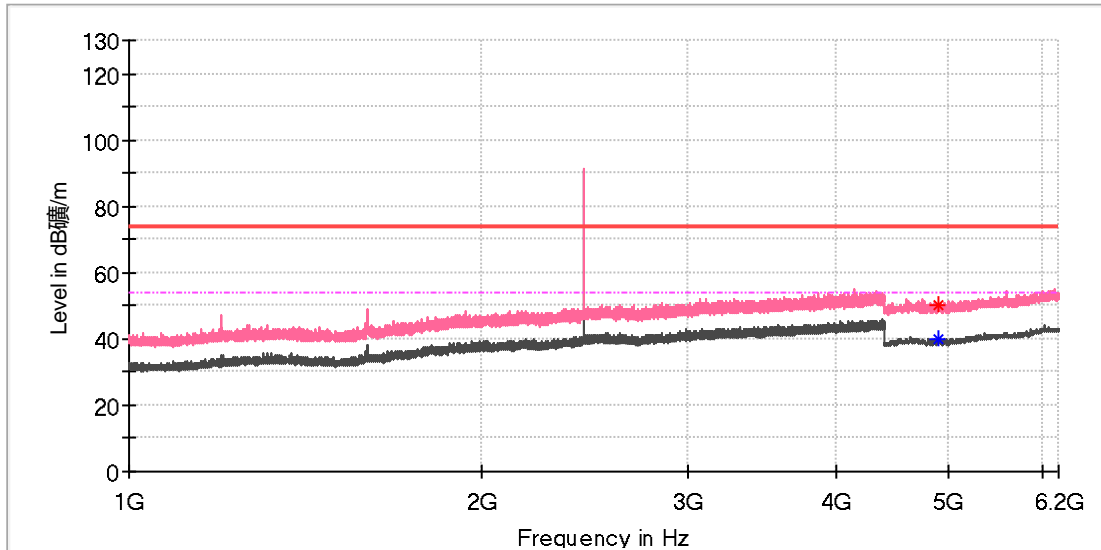
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4901.500000	---	39.66	54.00	14.34	150.0	H	23.0	11.8
4902.500000	50.57	---	74.00	23.43	150.0	H	17.0	11.8

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

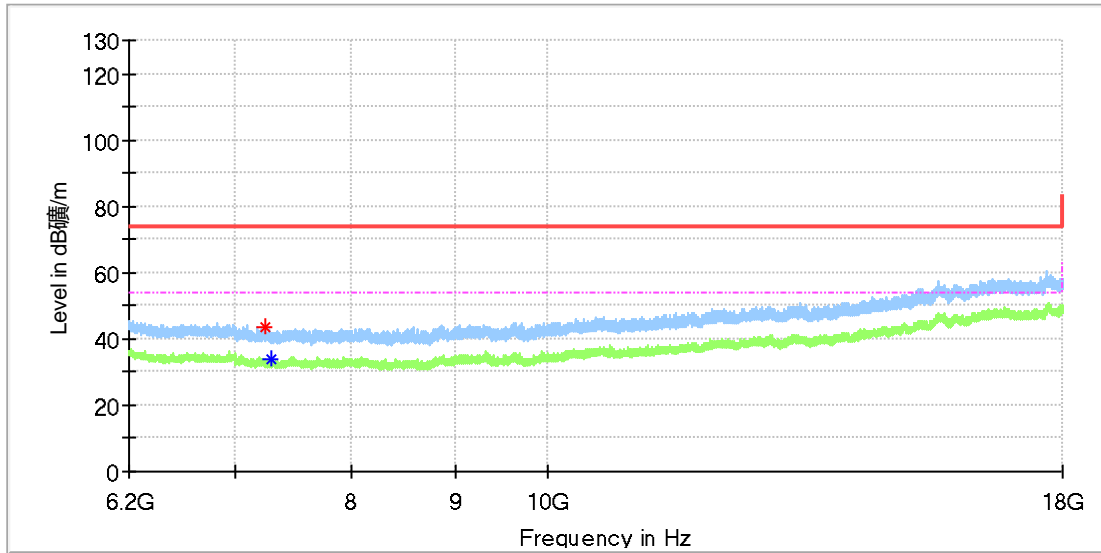
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4890.500000	50.29	---	74.00	23.71	150.0	V	254.0	11.8
4903.000000	---	39.62	54.00	14.38	150.0	V	90.0	11.8

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
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Critical_Freqs

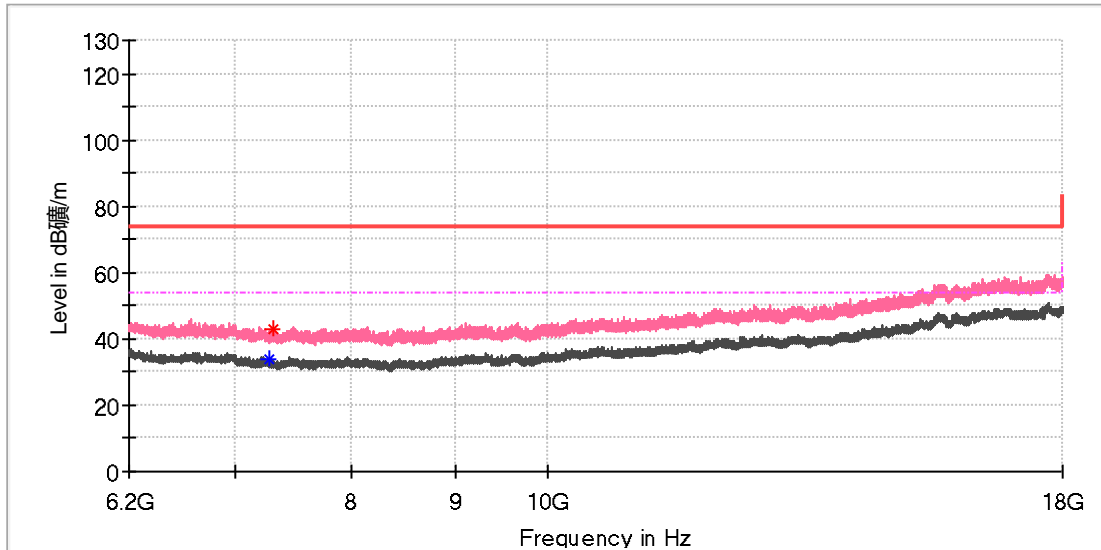
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7247.741667	43.62	---	74.00	30.38	150.0	H	269.0	8.5
7285.108333	---	33.81	54.00	20.19	150.0	H	220.0	8.4

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168423544/A003491201-007
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 Test Standard: FCC 15.247
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Critical_Freqs

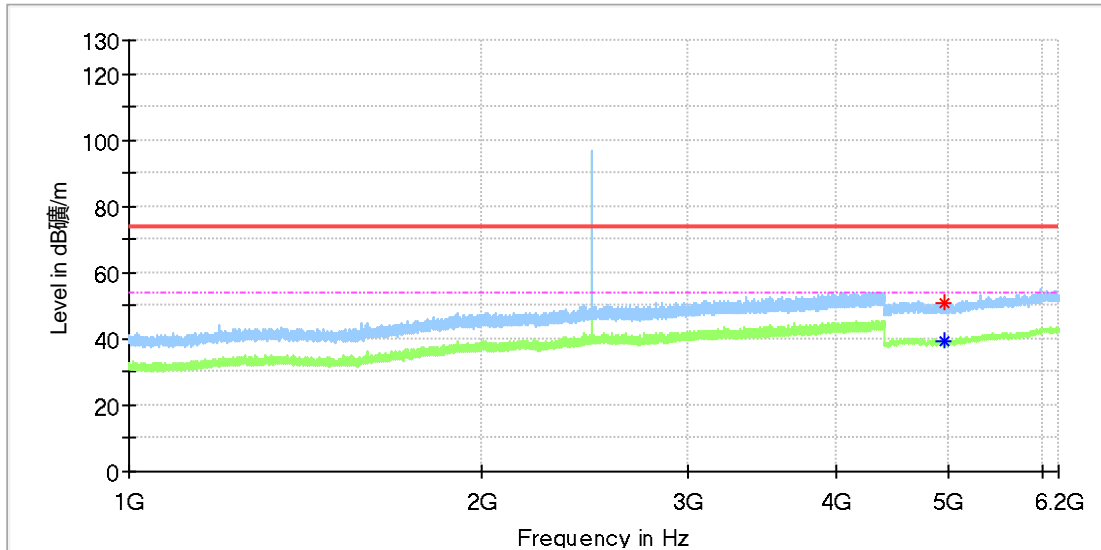
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7282.650000	---	33.92	54.00	20.08	150.0	V	0.0	8.4
7304.775000	43.04	---	74.00	30.96	150.0	V	354.0	8.3

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

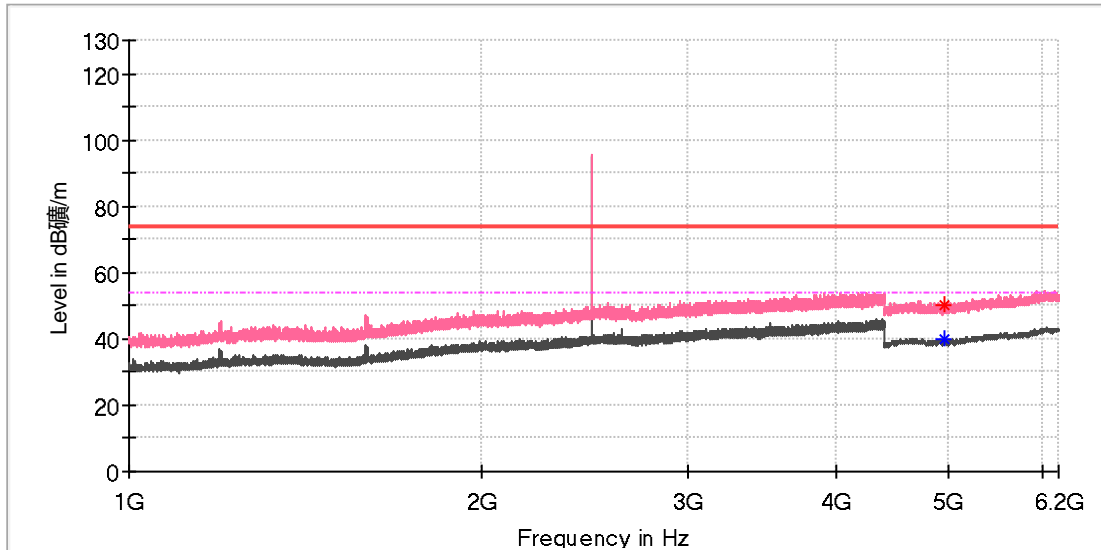
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4956.000000	---	39.43	54.00	14.57	150.0	H	35.0	11.8
4961.000000	50.97	---	74.00	23.03	150.0	H	190.0	11.8

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: Osmo Pocket 3
 Model: PP-101
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
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Critical_Freqs

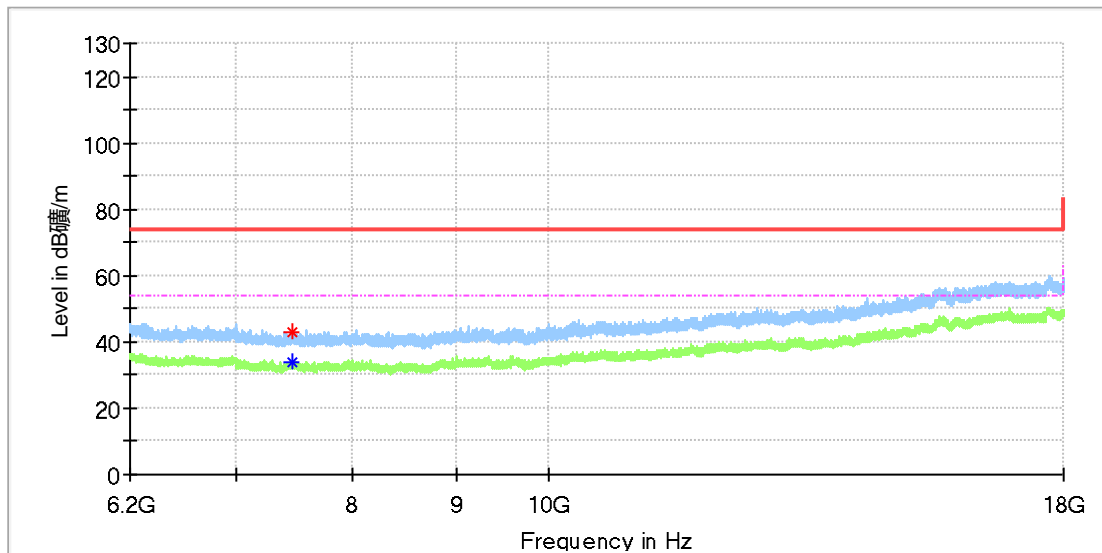
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4955.000000	---	39.62	54.00	14.38	150.0	V	235.0	11.8
4961.500000	50.22	---	74.00	23.78	150.0	V	23.0	11.8

Final_Result

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

EUT Information

EUT Name:	Osmo Pocket 3
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Test Mode:	BR_DH5_High channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
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Critical_Freqs

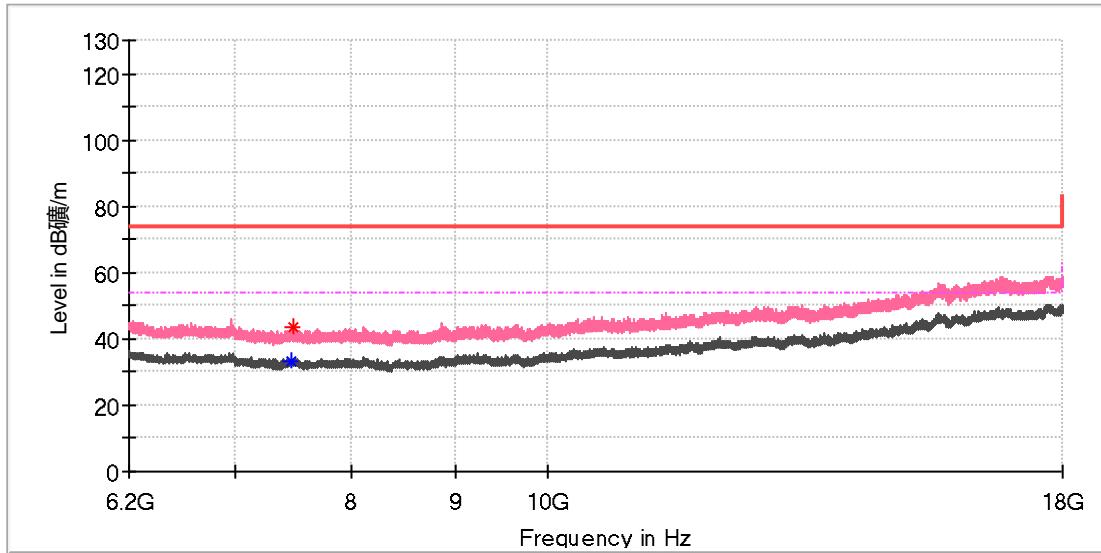
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7463.091667	---	34.04	54.00	19.96	150.0	H	141.0	8.6
7463.583333	43.16	---	74.00	30.84	150.0	H	192.0	8.6

Final_Result

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

EUT Information

EUT Name:	Osmo Pocket 3
Model:	PP-101
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
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)
7463.583333	---	33.50	54.00	20.50	150.0	V	86.0	8.6
7476.366667	43.56	---	74.00	30.44	150.0	V	165.0	8.6

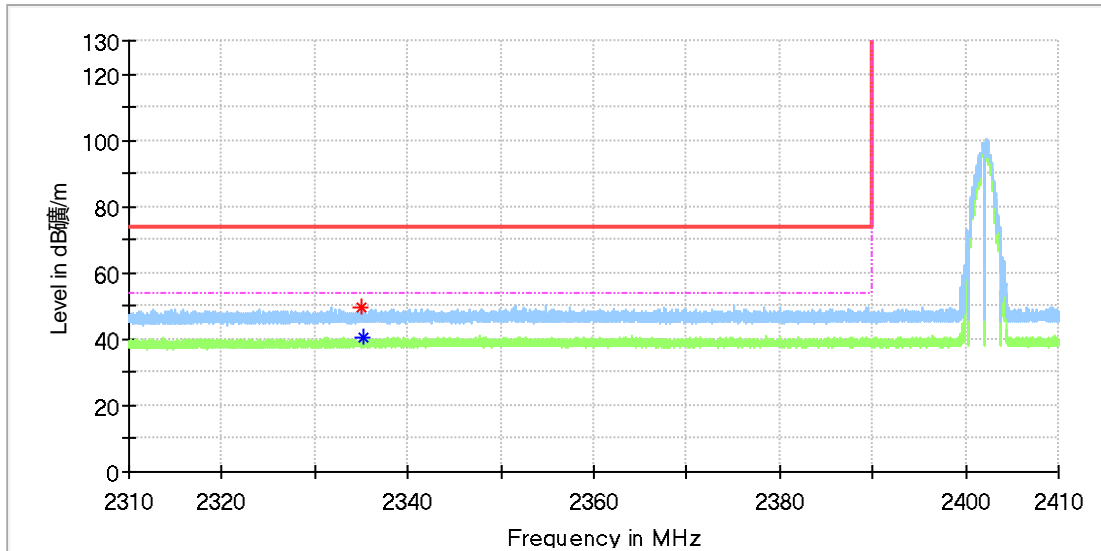
Final_Result

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:	Osmo Pocket 3
Model:	PP-101
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

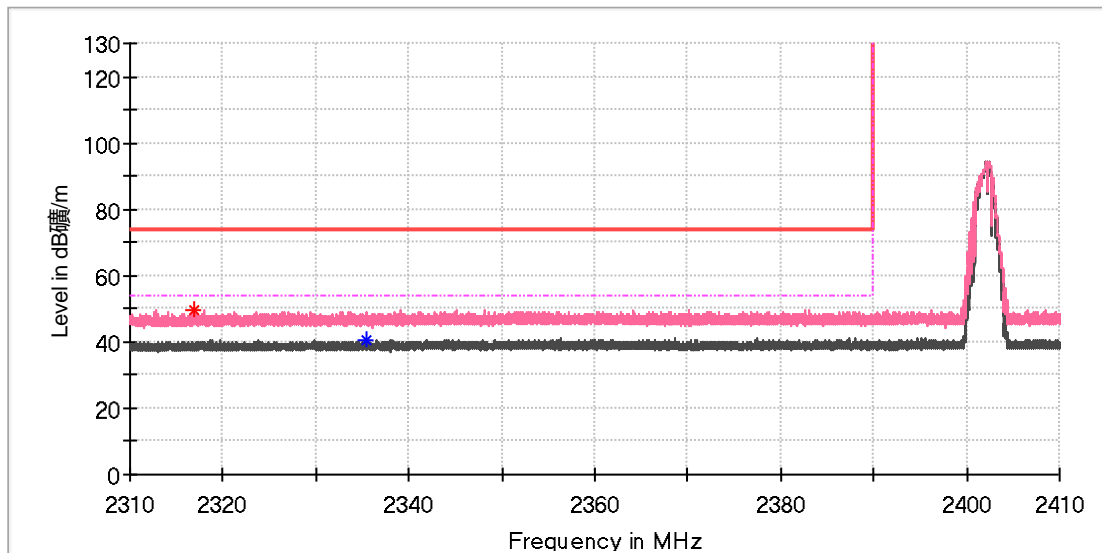
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2335.040000	49.43	---	74.00	24.57	150.0	H	307.0	6.8
2335.145000	---	40.53	54.00	13.47	150.0	H	307.0	6.8

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:	Osmo Pocket 3
Model:	PP-101
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168423544/A003491201-007
Test Voltage:	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

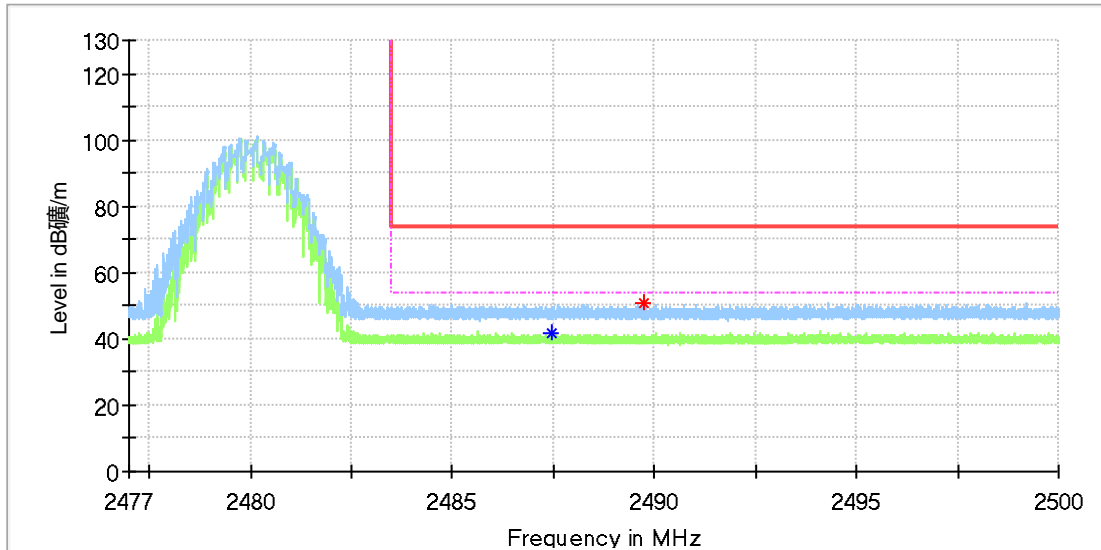
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2316.890000	49.67	---	74.00	24.33	150.0	V	325.0	6.6
2335.485000	---	40.78	54.00	13.22	150.0	V	253.0	6.8

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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 Model: PP-101
 Test Mode: BR_DH5_High channel
 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
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Critical_Freqs

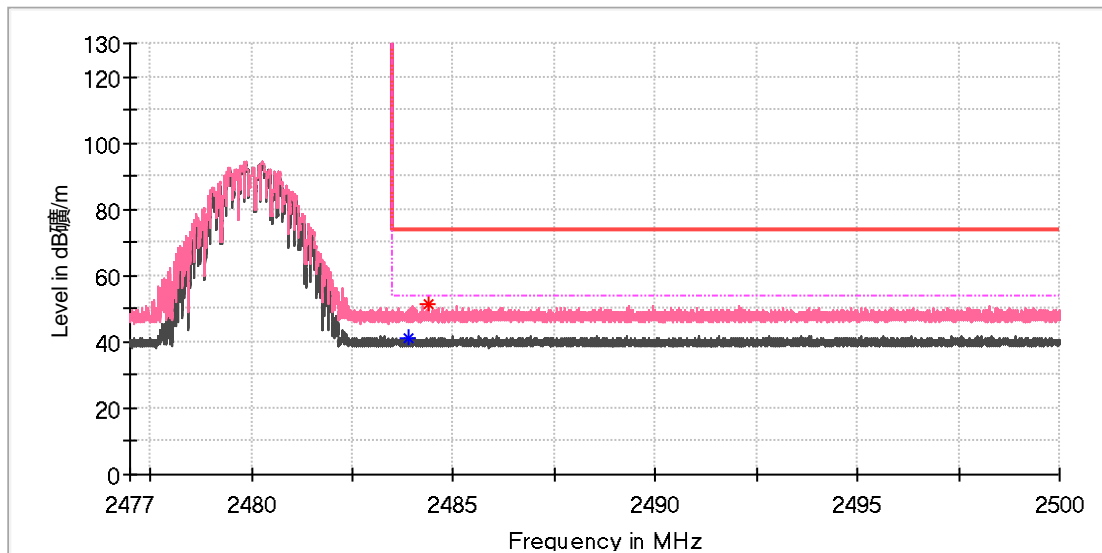
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.468450	---	41.95	54.00	12.05	150.0	H	184.0	7.4
2489.751200	50.72	---	74.00	23.28	150.0	H	268.0	7.4

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: Osmo Pocket 3
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 Order No/Sample No: 168423544/A003491201-007
 Test Voltage: Battery
 Remark: Temp 24 Humi:50%
 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)
2483.886200	---	41.32	54.00	12.68	150.0	V	263.0	7.4
2484.374950	51.19	---	74.00	22.81	150.0	V	0.0	7.4

Final_Result

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