



4.3 Radiated Emission Test Data (Handset unit) FCC 15.249

Worst Case Radiated Emission
at Low Channel, 1849.74 MHz, margin: -5.03 dB

4.3.1 Fundamental & Harmonics Emission Data

EUT : 9012 (Handset unit)
Testing Mode : Transmitter (Low Channel)

Freq. (MHz)	Spec. Analyz Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1849.74	PK	H	27.53	26.4	2.2	56.13	74	-17.87
1849.74	AV	H	19.24	26.4	2.2	47.84	54	-6.16
2774.58	PK	H	20.18	29.5	2.64	52.32	74	-21.68
2774.58	AV	H	12.82	29.5	2.64	44.96	54	-9.04
1849.74	PK	V	30.62	26.4	2.2	59.22	74	-14.78
1849.74	AV	V	20.37	26.4	2.2	48.97	54	-5.03
2774.58	PK	V	22.51	29.5	2.64	54.65	74	-19.35
2774.58	AV	V	13.24	29.5	2.64	45.38	54	-8.62

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within $\pm 2.5\text{dB}$
3. All Readings below 1GHz are Quasi-Peak, above are average value



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EUT : 9012 (Handset unit)
Testing Mode : Transmitter (Middle Channel)

Freq. (MHz)	Spec. Analyze Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1852.55	PK	H	27.85	26.4	2.2	56.45	74	-17.55
1852.55	AV	H	18.34	26.4	2.2	46.94	54	-7.06
2778.87	PK	H	21.69	29.5	2.64	53.83	74	-20.17
2778.87	AV	H	12.34	29.5	2.64	44.48	54	-9.52
1852.55	PK	V	25.41	26.4	2.2	54.01	74	-19.99
1852.55	AV	V	17.33	26.4	2.2	45.93	54	-8.07
2778.87	PK	V	21.32	29.5	2.64	53.46	74	-20.54
2778.87	AV	V	11.45	29.5	2.64	43.59	54	-10.41

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within $\pm 2.5\text{dB}$
3. All Readings below 1GHz are Quasi-Peak, above are average value



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EUT : 9012 (Handset unit)
Testing Mode : Transmitter (High Channel)

Freq. (MHz)	Spec. Analyz Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1855.11	PK	H	27.05	26.4	2.2	55.65	74	-18.35
1855.11	AV	H	17.34	26.4	2.2	45.94	54	-8.06
2782.638	PK	H	21.98	29.5	2.64	54.12	74	-19.88
2782.638	AV	H	12.34	29.5	2.64	44.48	54	-9.52
1855.11	PK	V	25.71	26.4	2.2	54.31	74	-19.69
1855.11	AV	V	16.67	26.4	2.2	45.27	54	-8.73
2782.638	PK	V	21.14	29.5	2.64	53.28	74	-20.72
2782.638	AV	V	11.28	29.5	2.64	43.42	54	-10.58

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within $\pm 2.5\text{dB}$
3. All Readings below 1GHz are Quasi-Peak, above are average value



4.4 Radiated Emission Test Data (Base unit) FCC 15.249

**Worst Case Radiated Emission
at High Channel, 1810.18 MHz, margin: -9.16 dB**

4.4.1 Fundamental & Harmonics Emission Data

EUT : 9012 (Base unit)
Testing Mode : Transmitter (Low Channel)

Freq. (MHz)	Spec. Analyz Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1805.07	PK	H	24.15	26.4	2.2	52.75	74	-21.25
1805.07	AV	H	14.63	26.4	2.2	43.23	54	-10.77
2707.65	PK	H	15.86	29.5	3.14	48.5	74	-25.5
2707.65	AV	H	6.24	29.5	3.14	38.88	54	-15.12
1805.07	PK	V	16.3	26.4	2.2	44.9	74	-29.1
1805.07	AV	V	15.71	26.4	2.2	44.31	54	-9.69
2707.65	PK	V	14.97	29.5	3.14	47.61	74	-26.39
2707.65	AV	V	5.82	29.5	3.14	38.46	54	-15.54

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within ± 2.5 dB
3. All Readings below 1GHz are Quasi-Peak, above are average value



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EUT : 9012 (Base unit)
Testing Mode : Transmitter (Middle Channel)

Freq. (MHz)	Spec. Analyz Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1807.49	PK	H	22.6	26.4	2.2	51.2	74	-22.8
1807.49	AV	H	13.24	26.4	2.2	41.84	54	-12.16
2711.24	PK	H	13.59	29.5	3.14	46.23	74	-27.77
2711.24	AV	H	6.34	29.5	3.14	38.98	54	-15.02
1807.49	PK	V	22.1	26.4	2.2	50.7	74	-23.3
1807.49	AV	V	12.41	26.4	2.2	41.01	54	-12.99
2711.24	PK	V	14.46	29.5	3.14	47.1	74	-26.9
2711.24	AV	V	5.1	29.5	3.14	37.74	54	-16.26

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within $\pm 2.5\text{dB}$
3. All Readings below 1GHz are Quasi-Peak, above are average value



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EUT : 9012 (Base unit)
Testing Mode : Transmitter (High Channel)

Freq. (MHz)	Spec. Analyz Detector	Antenna Polariz. (H/V)	Reading (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3m (dBuV/m)	Margin (dB)
1810.18	PK	H	25.52	26.4	2.2	54.12	74	-19.88
1810.18	AV	H	16.24	26.4	2.2	44.84	54	-9.16
2715.273	PK	H	16.36	29.5	3.14	49	74	-25
2715.273	AV	H	7.64	29.5	3.14	40.28	54	-13.72
1810.18	PK	V	25.17	26.4	2.2	53.77	74	-20.23
1810.18	AV	V	15.34	26.4	2.2	43.94	54	-10.06
2715.273	PK	V	19.3	29.5	3.14	51.94	74	-22.06
2715.273	AV	V	8.22	29.5	3.14	40.86	54	-13.14

Remark:

1. Corrected Level = Reading Level + Antenna Factor + Cable Loss
2. Uncertainty was calculated in accordance with NAMAS NIS 81. In the General Radiated Emission Test, the uncertainty is within $\pm 2.5\text{dB}$
3. All Readings below 1GHz are Quasi-Peak, above are average value