



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 : 9011 (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 : 9011 (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 : 9011 (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: -9.52 dB**

4.4.1 Fundamental & Harmonics Emission Data

EUT : 9011 (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)
1805.104	PK	H	24.1	26.4	2.2	52.7	74	-21.3
1805.104	AV	H	13.21	26.4	2.2	41.81	54	-12.19
2707.656	PK	H	19.2	29.5	3.14	51.84	74	-22.16
2707.656	AV	H	8.21	29.5	3.14	40.85	54	-13.15
1805.104	PK	V	21.53	26.4	2.2	50.13	74	-23.87
1805.104	AV	V	12.34	26.4	2.2	40.94	54	-13.06
2707.656	PK	V	18.35	29.5	3.14	50.99	74	-23.01
2707.656	AV	V	7.34	29.5	3.14	39.98	54	-14.02

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 : 9011 (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)
1807.5	PK	H	22.18	26.4	2.2	50.78	74	-23.22
1807.5	AV	H	13.46	26.4	2.2	42.06	54	-11.94
2711.25	PK	H	19.25	29.5	3.14	51.89	74	-22.11
2711.25	AV	H	8.24	29.5	3.14	40.88	54	-13.12
1807.5	PK	V	25.37	26.4	2.2	53.97	74	-20.03
1807.5	AV	V	14.67	26.4	2.2	43.27	54	-10.73
2711.25	PK	V	18.61	29.5	3.14	51.25	74	-22.75
2711.25	AV	V	7.94	29.5	3.14	40.58	54	-13.42

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 : 9011 (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)
1810.178	PK	H	25.12	26.4	2.2	53.72	74	-20.28
1810.178	AV	H	15.88	26.4	2.2	44.48	54	-9.52
2715.267	PK	H	17.84	29.5	3.14	50.48	74	-23.52
2715.267	AV	H	8.37	29.5	3.14	41.01	54	-12.99
1810.178	PK	V	24.19	26.4	2.2	52.79	74	-21.21
1810.178	AV	V	15.34	26.4	2.2	43.94	54	-10.06
2715.267	PK	V	20.23	29.5	3.14	52.87	74	-21.13
2715.267	AV	V	9.51	29.5	3.14	42.15	54	-11.85

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