

FCC Spurious Emission at Antenna Terminal

8/28/99

1.9D

Frequency	Reading	Att. + Cable loss	Net	Limit	Margin
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)

2ch (1850MHz)

Tx		1850.04	-1.6	32.3	30.7		
Harmonics	2nd	3700.08	-70.7	32.3	-38.4	-12.3	-26.1
	3rd	5550.12	-74.6	32.3	-42.3	-12.3	-30
	4th	7400.16	-68.3	32.3	-36	-12.3	-23.7 *
	5th	9250.2	-71.2	32.3	-38.9	-12.3	-26.6 *
	6th	11100.24	-71.2	32.3	-38.9	-12.3	-26.6 *
	7th	12950.28	-67.3	32.3	-35	-12.3	-22.7 *
	8th	14800.32	-65.5	32.3	-33.2	-12.3	-20.9 *
	9th	16650.36	-65.5	32.3	-33.2	-12.3	-20.9 *
	10th	18500.4	-65	32.3	-32.7	-12.3	-20.4 *
Others		39.42	-63.9	32.3	-31.6	-12.3	-19.3
		964.34	-68.7	32.3	-36.4	-12.3	-24.1

* : Noise-floor measurements at these frequencies

Table 10

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Frequency	Reading	Att. + Cable loss	Net	Limit	Margin
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)

1001ch (1880MHz)

Tx		1880.01	-1.4	32.3	30.9		
Harmonics	2nd	3760.02	-69.9	32.3	-37.6	-12.1	-25.5
	3rd	5640.03	-75.1	32.3	-42.8	-12.1	-30.7 *
	4th	7520.04	-66.6	32.3	-34.3	-12.1	-22.2
	5th	9400.05	-71.3	32.3	-39	-12.1	-26.9 *
	6th	11280.06	-71	32.3	-38.7	-12.1	-26.6 *
	7th	13160.07	-67	32.3	-34.7	-12.1	-22.6 *
	8th	15040.08	-66.4	32.3	-34.1	-12.1	-22 *
	9th	16920.09	-65.4	32.3	-33.1	-12.1	-21 *
	10th	18800.1	-59.7	32.3	-27.4	-12.1	-15.3 *
Others		69.34	-60.8	32.3	-28.5	-12.1	-16.4
		1009.32	-67	32.3	-34.7	-12.1	-22.6

* : Noise-floor measurements at these frequencies

Table 11

FCC Spurious Emission at Antenna Terminal

8/28/99

1.9D

Frequency	Reading	Att. + Cable loss	Net	Limit	Margin
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)

1998ch (1910MHz)

Tx		1909.92	-1.7	32.3	30.6		
Harmonics	2nd	3819.84	-70.6	32.3	-38.3	-12.4	-25.9
	3rd	5729.76	-75.3	32.3	-43	-12.4	-30.6
	4th	7639.68	-66.6	32.3	-34.3	-12.4	-21.9
	5th	9549.6	-70.8	32.3	-38.5	-12.4	-26.1
	6th	11459.52	-71.6	32.3	-39.3	-12.4	-26.9
	7th	13369.44	-67.1	32.3	-34.8	-12.4	-22.4
	8th	15279.36	-65.7	32.3	-33.4	-12.4	-21
	9th	17189.28	-65.7	32.3	-33.4	-12.4	-21
	10th	19099.2	-59.3	32.3	-27	-12.4	-14.6
Others		99.28	-63.3	32.3	-31	-12.4	-18.6
		1054.2	-66.8	32.3	-34.5	-12.4	-22.1

* : Noise-floor measurements at these frequencies

Table 12