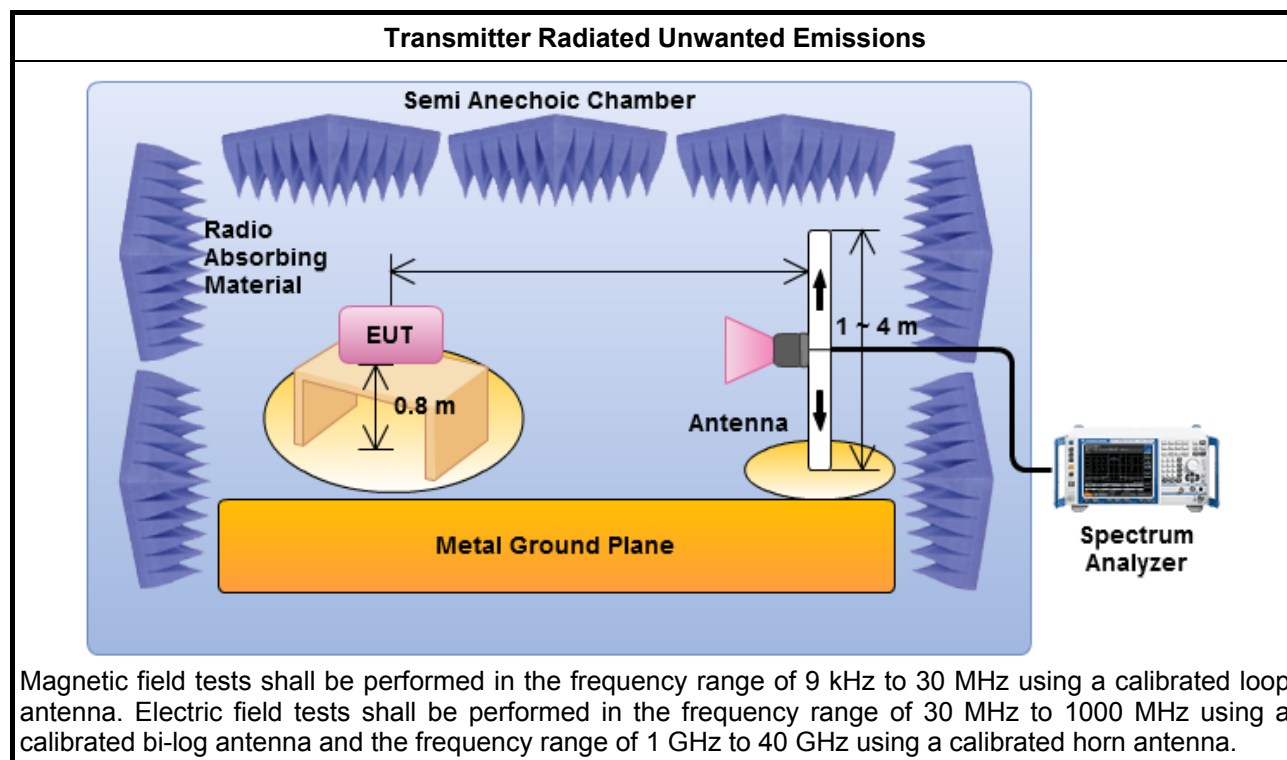
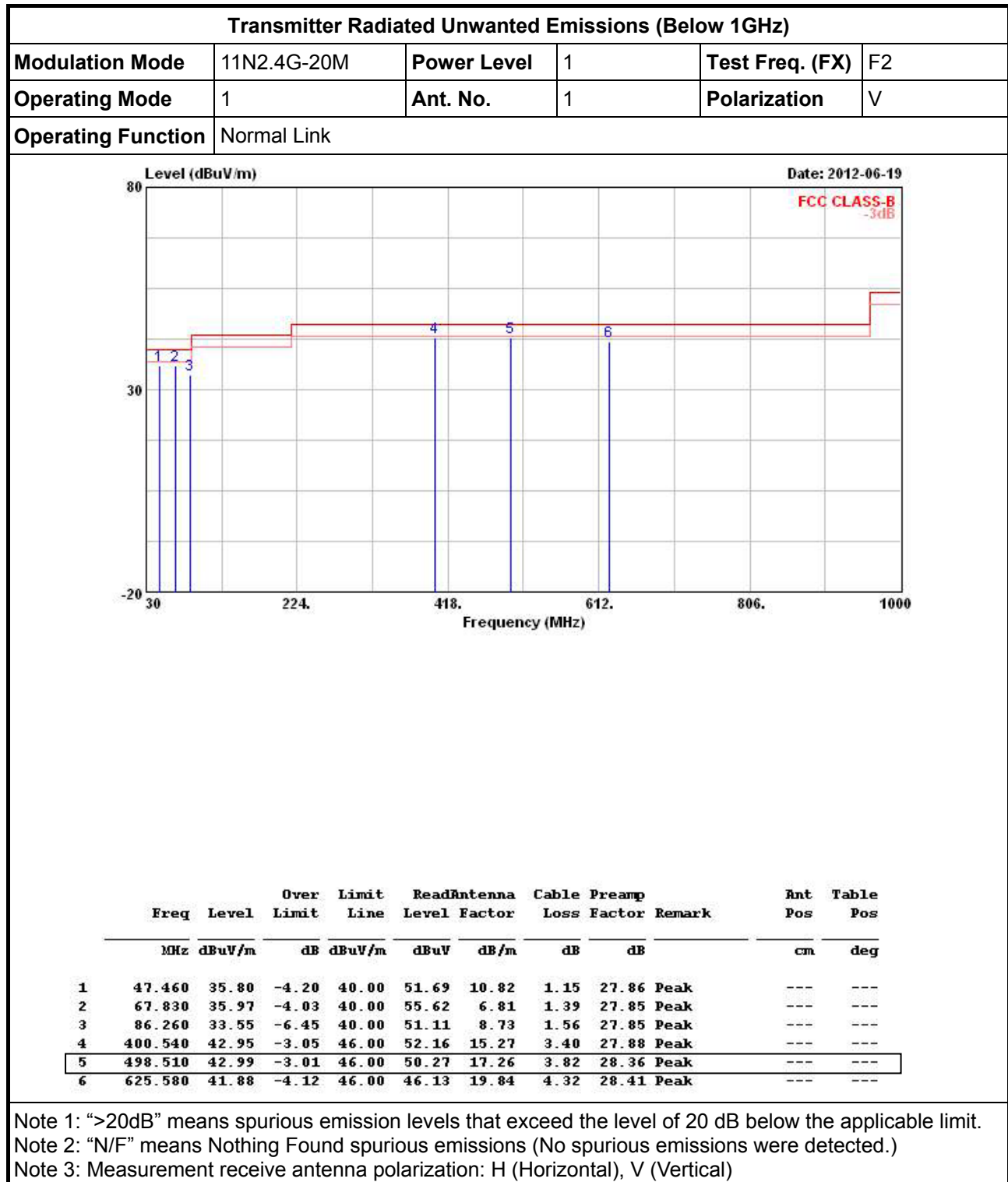


3.6.4 Test Setup

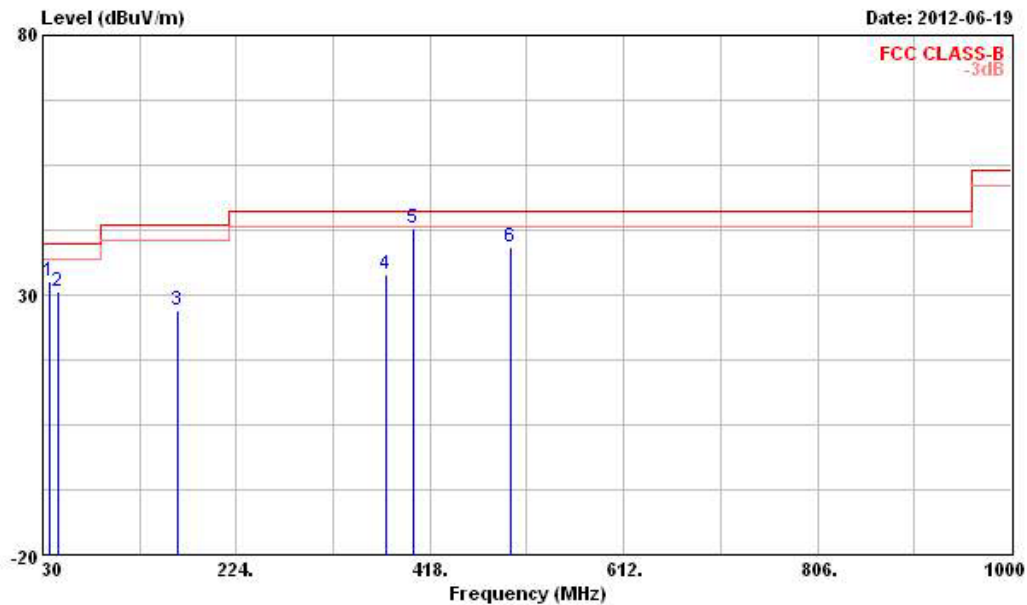


3.6.5 Test Result of Transmitter Radiated Unwanted Emissions (Below 1GHz)



Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F2
Operating Mode	1	Ant. No.	1	Polarization	H
Operating Function	Charger + POE + Normal Link...				



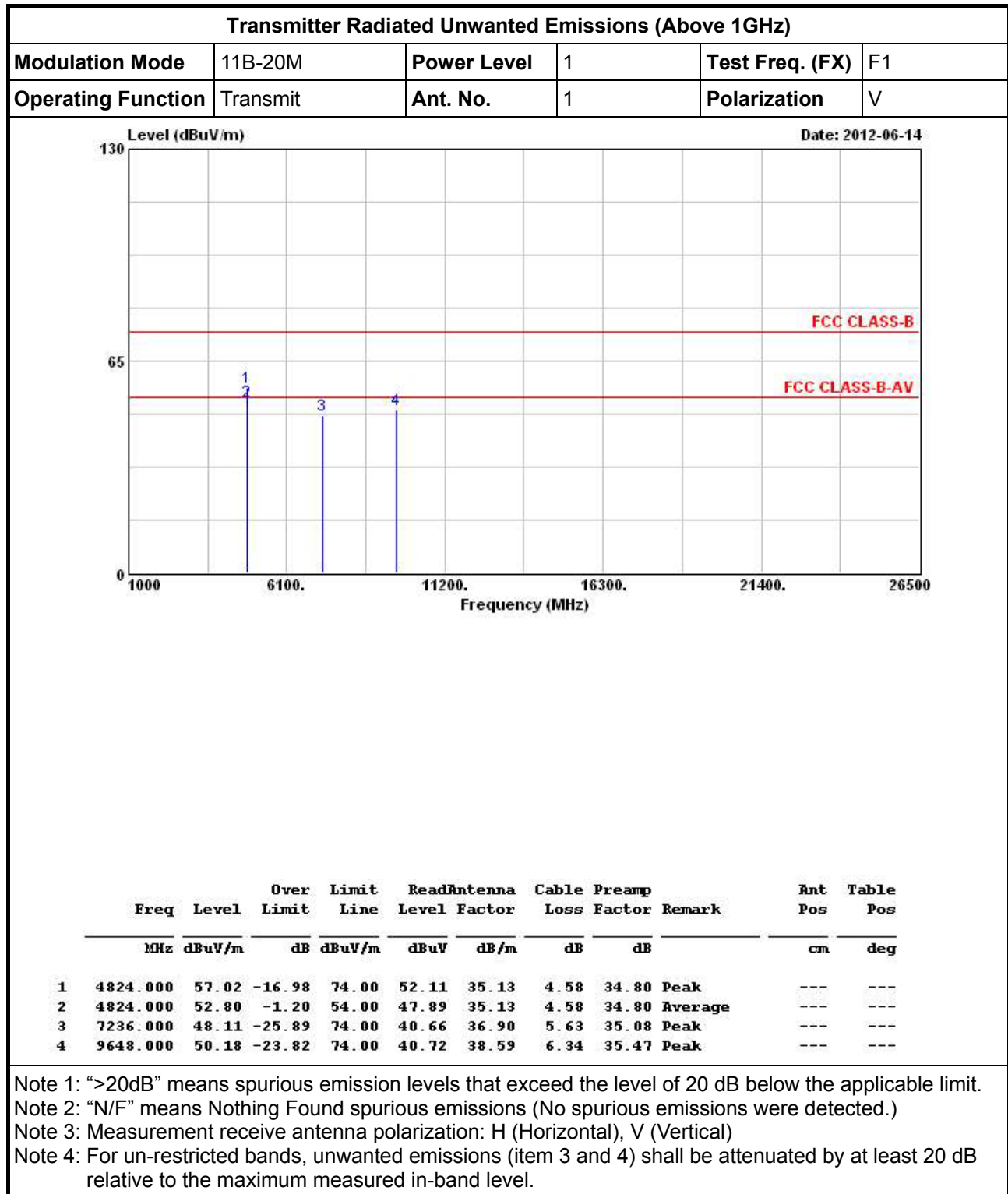
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	36.790	32.68	-7.32	40.00	45.68	13.92	1.00	27.92	Peak	---	---
2	44.550	30.55	-9.45	40.00	45.31	12.02	1.10	27.88	Peak	---	---
3	164.830	27.06	-16.44	43.50	42.14	10.34	2.14	27.56	Peak	---	---
4	374.350	33.79	-12.21	46.00	43.33	14.86	3.29	27.69	Peak	---	---
5	400.540	42.70	-3.30	46.00	51.91	15.27	3.40	27.88	Peak	---	---
6	498.510	39.22	-6.78	46.00	46.50	17.26	3.82	28.36	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

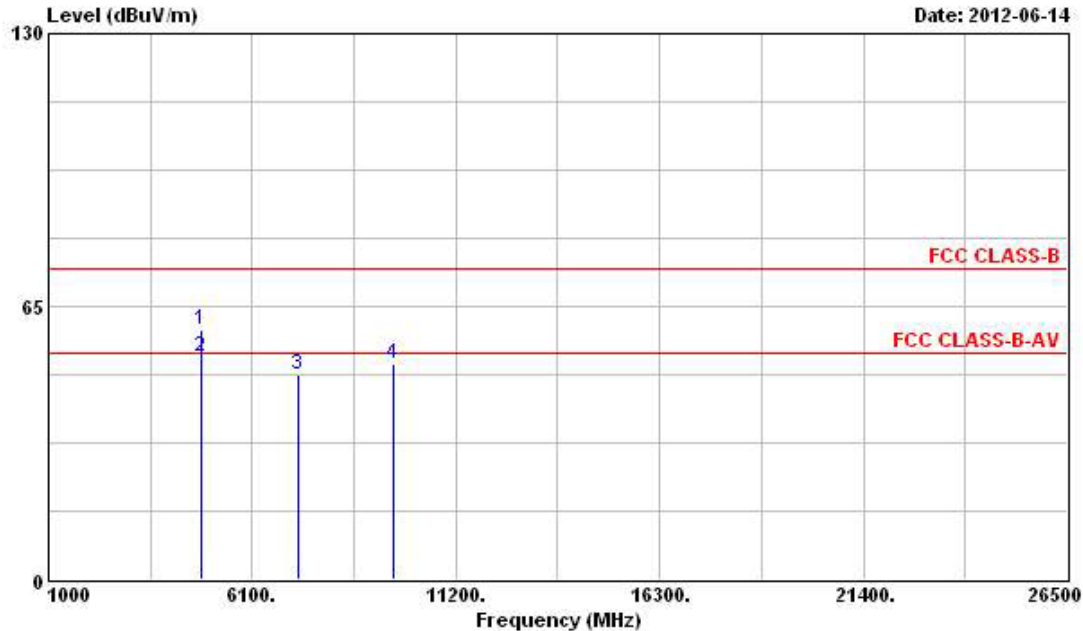
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions (Above 1GHz)



Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11B-20M	Power Level	1	Test Freq. (FX)	F1
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.000	59.55	-14.45	74.00	54.01	35.76	4.58	34.80	Peak	---	---
2	4824.000	53.00	-1.00	54.00	47.46	35.76	4.58	34.80	Average	---	---
3	7236.000	48.62	-25.38	74.00	40.22	37.85	5.63	35.08	Peak	---	---
4	9648.000	51.12	-22.88	74.00	40.86	39.39	6.34	35.47	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

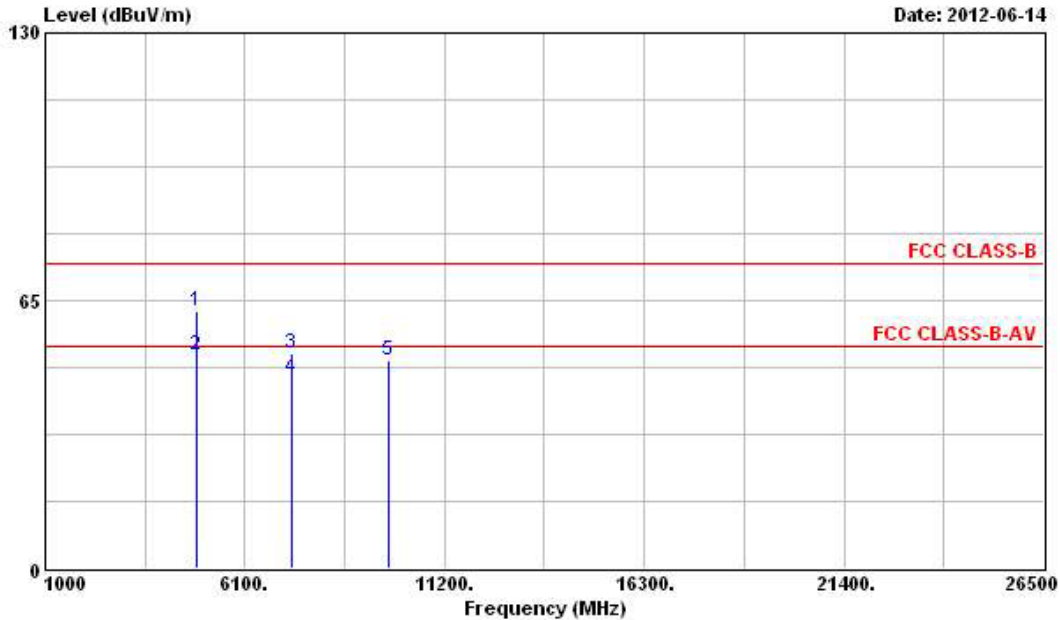
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3 and 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11B-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	62.24	-11.76	74.00	57.23	35.18	4.61	34.78	Peak	---	---
2	4874.000	51.91	-2.09	54.00	46.90	35.18	4.61	34.78	Average	---	---
3	7311.000	52.27	-21.73	74.00	44.81	36.92	5.64	35.10	Peak	---	---
4	7311.000	46.14	-7.86	54.00	38.68	36.92	5.64	35.10	Average	---	---
5	9748.000	50.60	-23.40	74.00	41.01	38.71	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

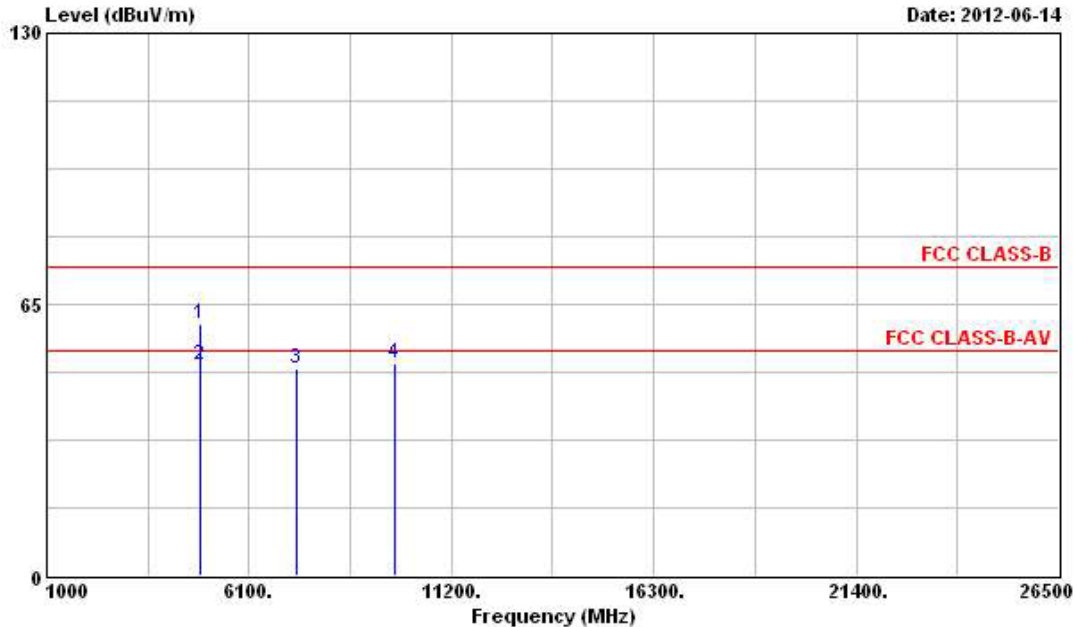
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11B-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	60.35	-13.65	74.00	54.69	35.83	4.61	34.78	Peak	---	---
2	4874.000	50.47	-3.53	54.00	44.81	35.83	4.61	34.78	Average	---	---
3	7311.000	49.62	-4.38	54.00	41.22	37.86	5.64	35.10	PK	---	---
4	9748.000	50.88	-23.12	74.00	40.49	39.51	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

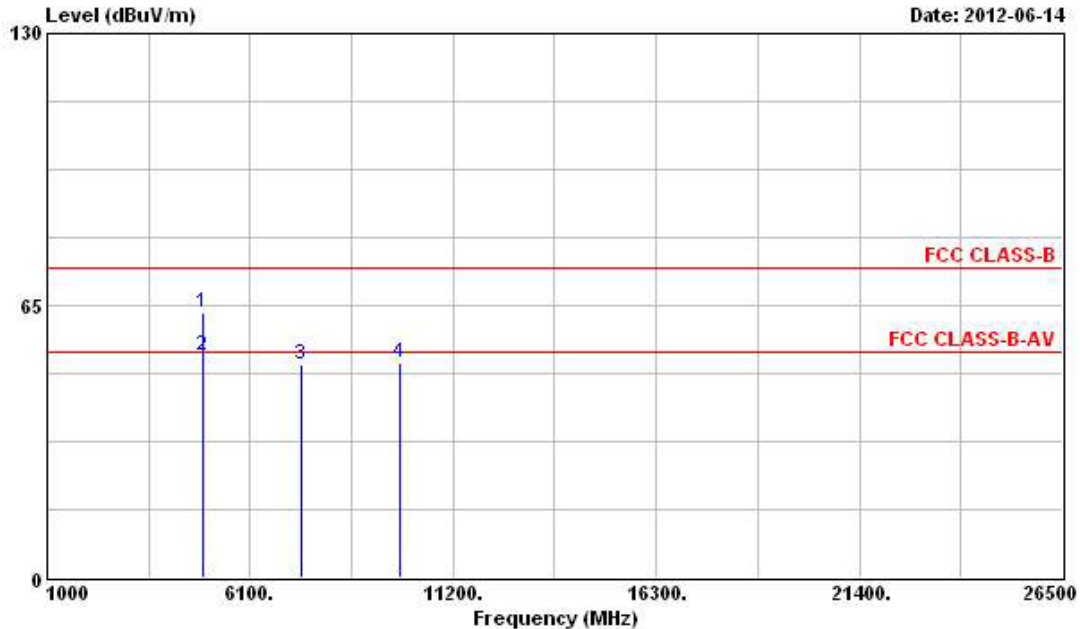
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11B-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	V

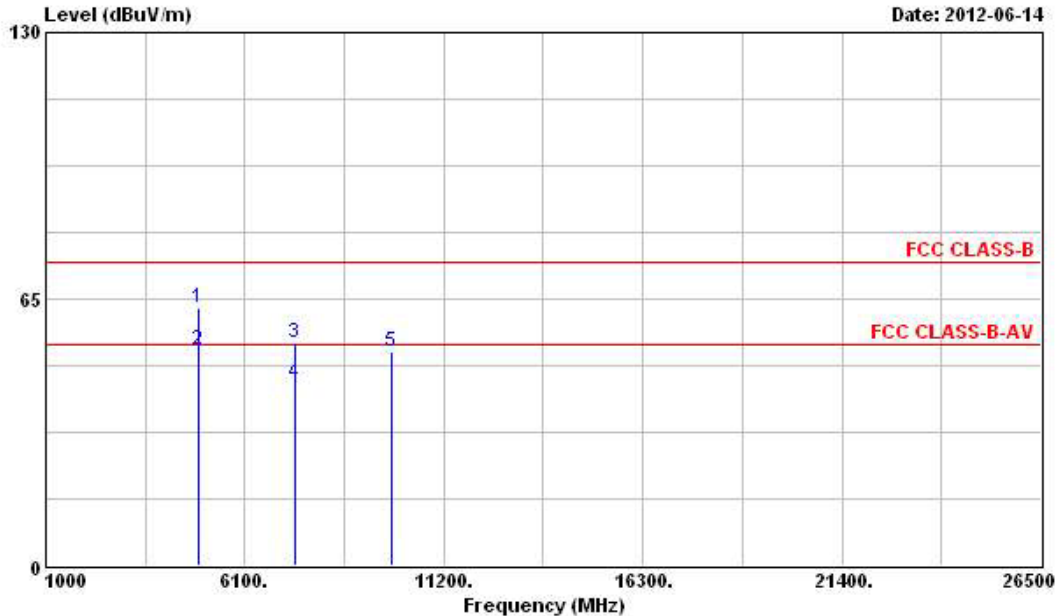


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.000	63.29	-10.71	74.00	58.15	35.23	4.68	34.77	Peak	---	---
2	4924.000	52.96	-1.04	54.00	47.82	35.23	4.68	34.77	Average	---	---
3	7386.000	50.71	-3.29	54.00	43.22	36.96	5.65	35.12	PK	---	---
4	9848.000	51.18	-22.82	74.00	41.48	38.81	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: For un-restricted bands, unwanted emissions (item 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11B-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.000	63.05	-10.95	74.00	57.24	35.90	4.68	34.77	Peak	---	---
2	4924.000	52.77	-1.23	54.00	46.96	35.90	4.68	34.77	Average	---	---
3	7386.000	54.20	-19.80	74.00	45.79	37.88	5.65	35.12	Peak	---	---
4	7386.000	44.42	-9.58	54.00	36.01	37.88	5.65	35.12	Average	---	---
5	9848.000	52.21	-21.79	74.00	41.71	39.61	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

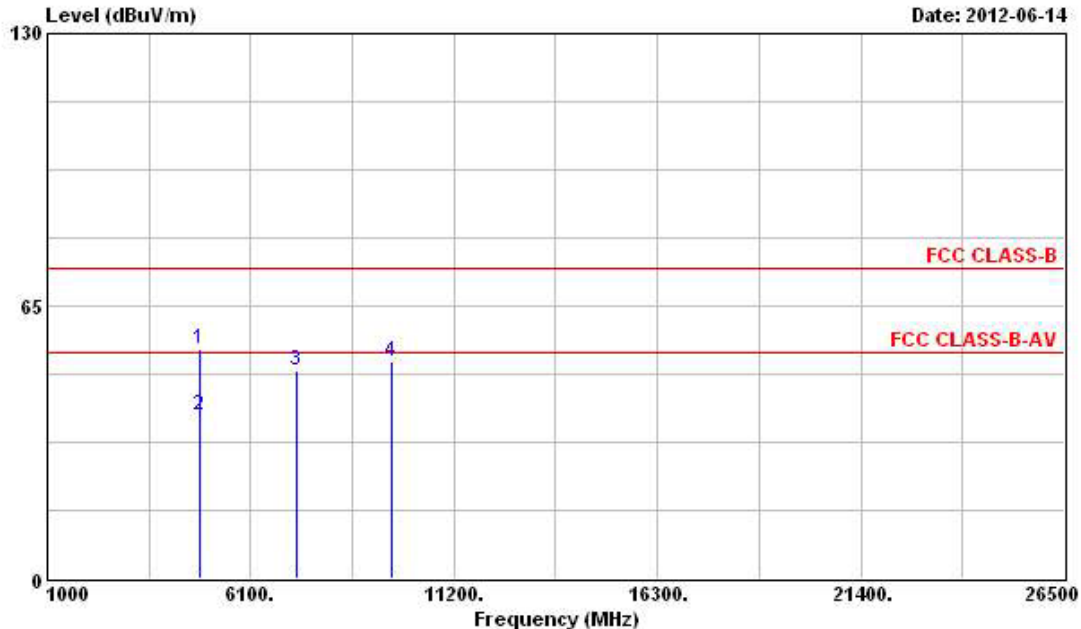
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F1
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.000	54.79	-19.21	74.00	49.88	35.13	4.58	34.80	Peak	---	---
2	4824.000	39.12	-14.88	54.00	34.21	35.13	4.58	34.80	Average	---	---
3	7236.000	49.67	-24.33	74.00	42.22	36.90	5.63	35.08	Peak	---	---
4	9648.000	51.57	-22.43	74.00	42.11	38.59	6.34	35.47	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

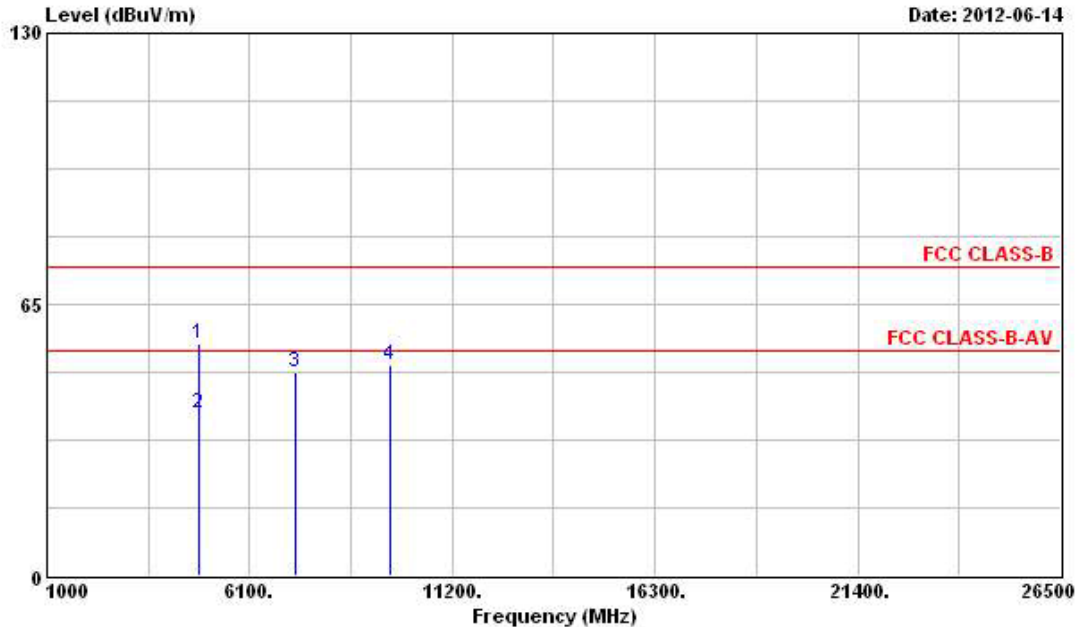
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3 and 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F1
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.000	55.74	-18.26	74.00	50.20	35.76	4.58	34.80	Peak	---	---
2	4824.000	38.80	-15.20	54.00	33.26	35.76	4.58	34.80	Average	---	---
3	7236.000	48.65	-25.35	74.00	40.25	37.85	5.63	35.08	Peak	---	---
4	9648.000	50.57	-23.43	74.00	40.31	39.39	6.34	35.47	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

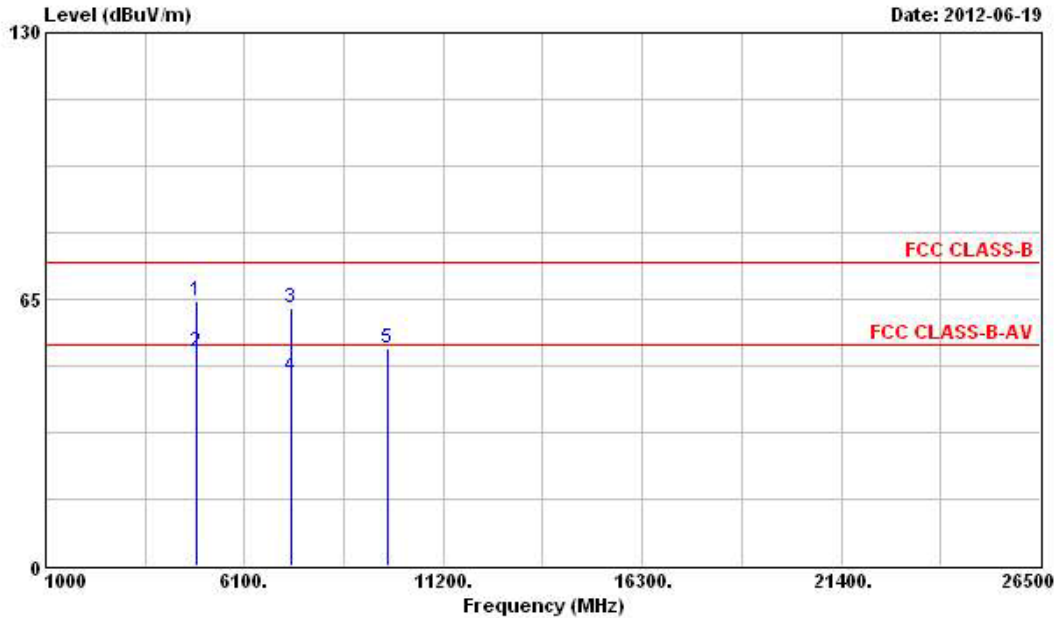
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3 and 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	64.54	-9.46	74.00	59.53	35.18	4.61	34.78	Peak	---	---
2	4874.000	51.98	-2.02	54.00	46.97	35.18	4.61	34.78	Average	---	---
3	7311.000	62.80	-11.20	74.00	55.34	36.92	5.64	35.10	Peak	---	---
4	7311.000	46.22	-7.78	54.00	38.76	36.92	5.64	35.10	Average	---	---
5	9748.000	53.14	-20.86	74.00	43.55	38.71	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

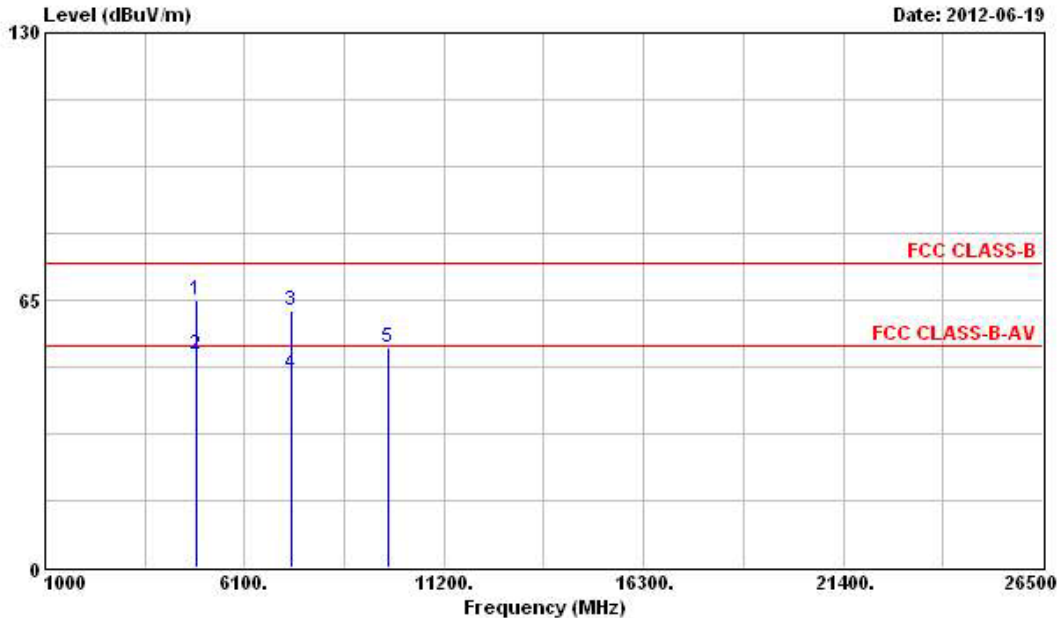
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	64.96	-9.04	74.00	59.30	35.83	4.61	34.78	Peak	---	---
2	4874.000	51.91	-2.09	54.00	46.25	35.83	4.61	34.78	Average	---	---
3	7311.000	62.24	-11.76	74.00	53.84	37.86	5.64	35.10	Peak	---	---
4	7311.000	47.12	-6.88	54.00	38.72	37.86	5.64	35.10	Average	---	---
5	9748.000	53.28	-20.72	74.00	42.89	39.51	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

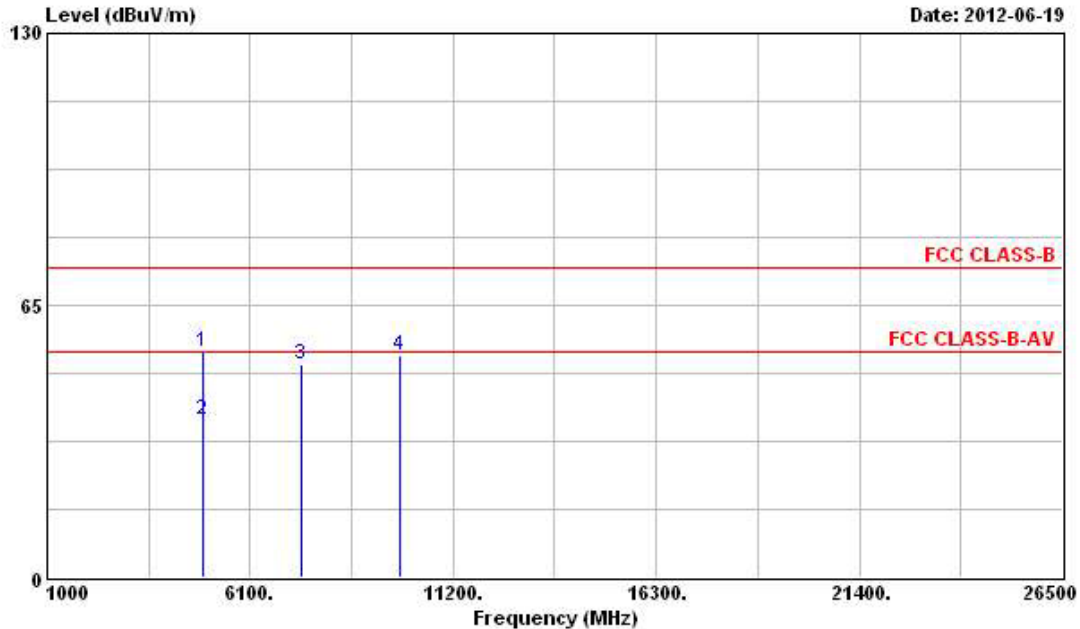
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.000	53.89	-20.11	74.00	48.75	35.23	4.68	34.77	Peak	---	---
2	4924.000	37.55	-16.45	54.00	32.41	35.23	4.68	34.77	Average	---	---
3	7386.000	50.80	-3.20	54.00	43.31	36.96	5.65	35.12	PK	---	---
4	9848.000	52.96	-21.04	74.00	43.26	38.81	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

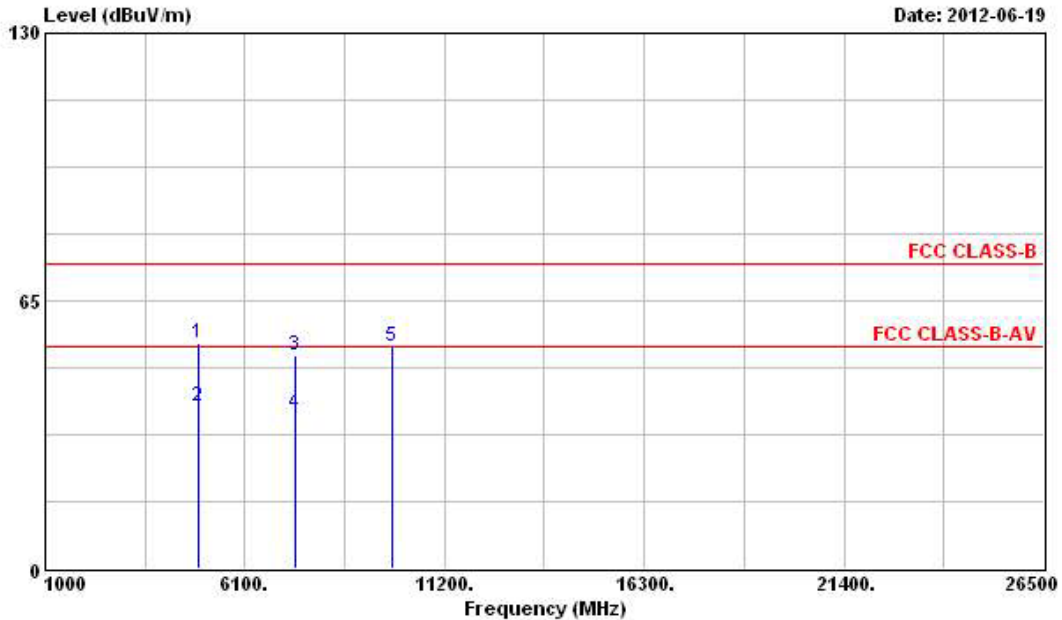
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11G-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.000	54.56	-19.44	74.00	48.75	35.90	4.68	34.77	Peak	---	---
2	4924.000	39.43	-14.57	54.00	33.62	35.90	4.68	34.77	Average	---	---
3	7386.000	51.72	-22.28	74.00	43.31	37.88	5.65	35.12	Peak	---	---
4	7386.000	37.63	-16.37	54.00	29.22	37.88	5.65	35.12	Average	---	---
5	9848.000	53.76	-20.24	74.00	43.26	39.61	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

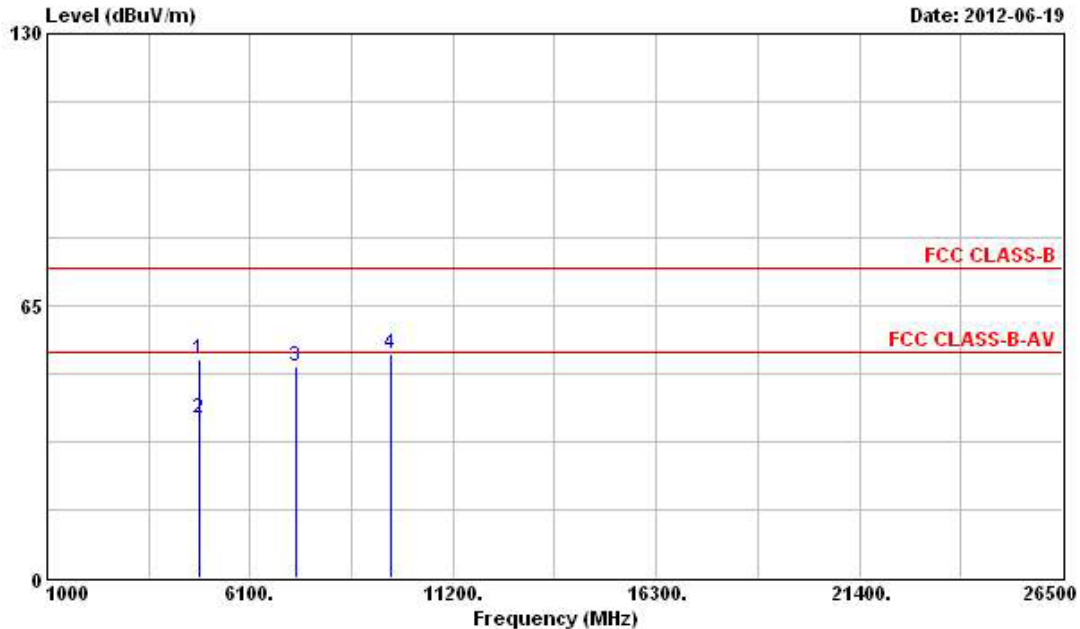
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F1
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.000	52.13	-21.87	74.00	47.22	35.13	4.58	34.80	Peak	---	---
2	4824.000	38.19	-15.81	54.00	33.28	35.13	4.58	34.80	Average	---	---
3	7236.000	50.56	-23.44	74.00	43.11	36.90	5.63	35.08	Peak	---	---
4	9648.000	53.28	-20.72	74.00	43.82	38.59	6.34	35.47	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

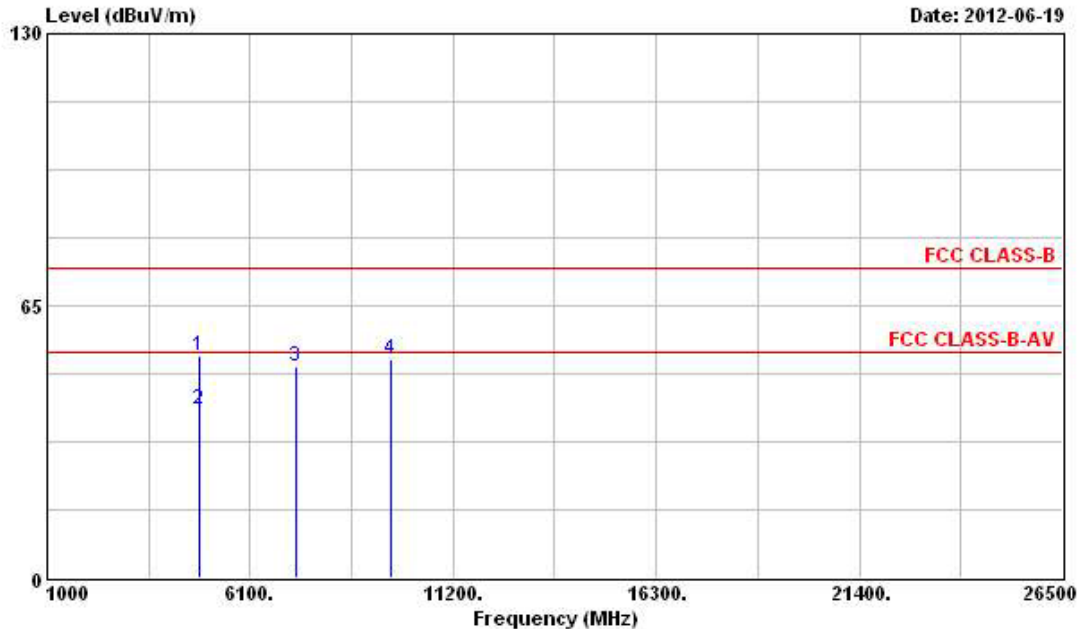
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3 and 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F1
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4824.000	53.01	-20.99	74.00	47.47	35.76	4.58	34.80	Peak	---	---
2	4824.000	40.01	-13.99	54.00	34.47	35.76	4.58	34.80	Average	---	---
3	7236.000	50.50	-23.50	74.00	42.10	37.85	5.63	35.08	Peak	---	---
4	9648.000	52.09	-21.91	74.00	41.83	39.39	6.34	35.47	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

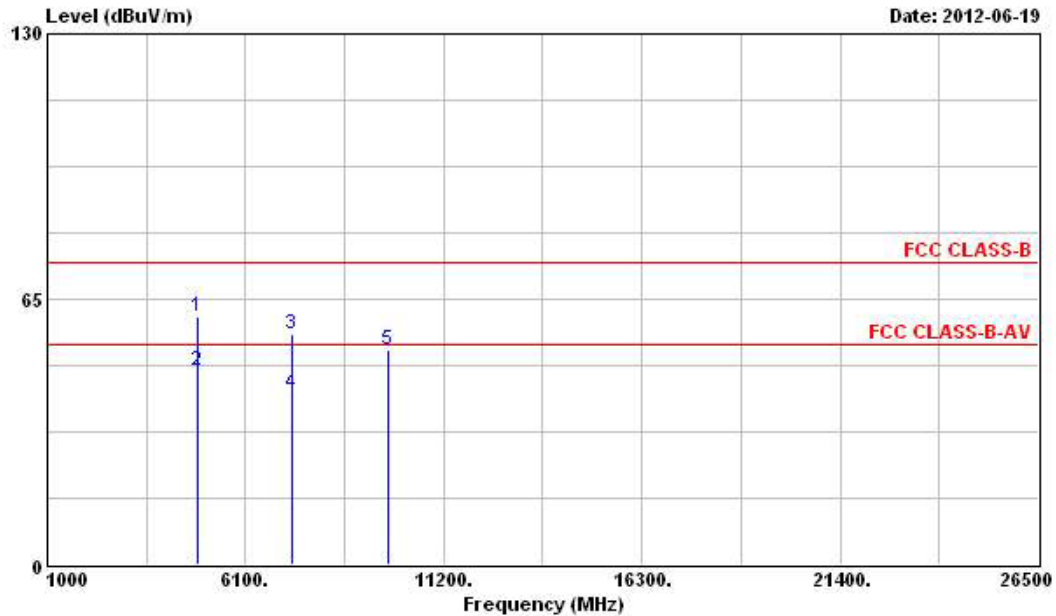
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3 and 4) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	60.92	-13.08	74.00	55.91	35.18	4.61	34.78	Peak	---	---
2	4874.000	47.48	-6.52	54.00	42.47	35.18	4.61	34.78	Average	---	---
3	7311.000	56.53	-17.47	74.00	49.07	36.92	5.64	35.10	Peak	---	---
4	7311.000	41.81	-12.19	54.00	34.35	36.92	5.64	35.10	Average	---	---
5	9748.000	52.45	-21.55	74.00	42.86	38.71	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

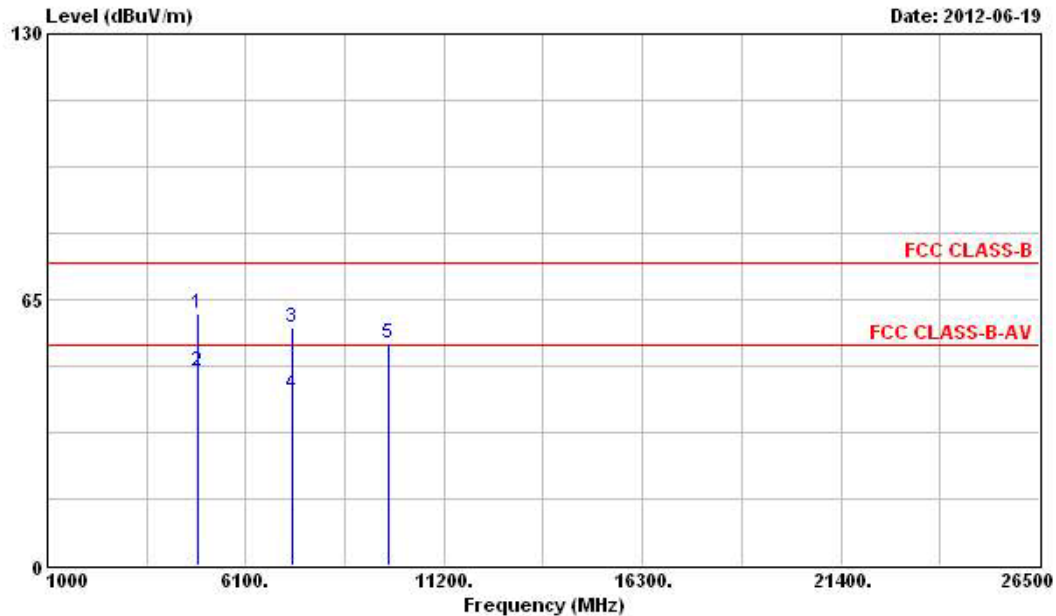
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F2
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	61.63	-12.37	74.00	55.97	35.83	4.61	34.78	Peak	---	---
2	4874.000	47.44	-6.56	54.00	41.78	35.83	4.61	34.78	Average	---	---
3	7311.000	58.24	-15.76	74.00	49.84	37.86	5.64	35.10	Peak	---	---
4	7311.000	41.81	-12.19	54.00	33.41	37.86	5.64	35.10	Average	---	---
5	9748.000	54.23	-19.77	74.00	43.84	39.51	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

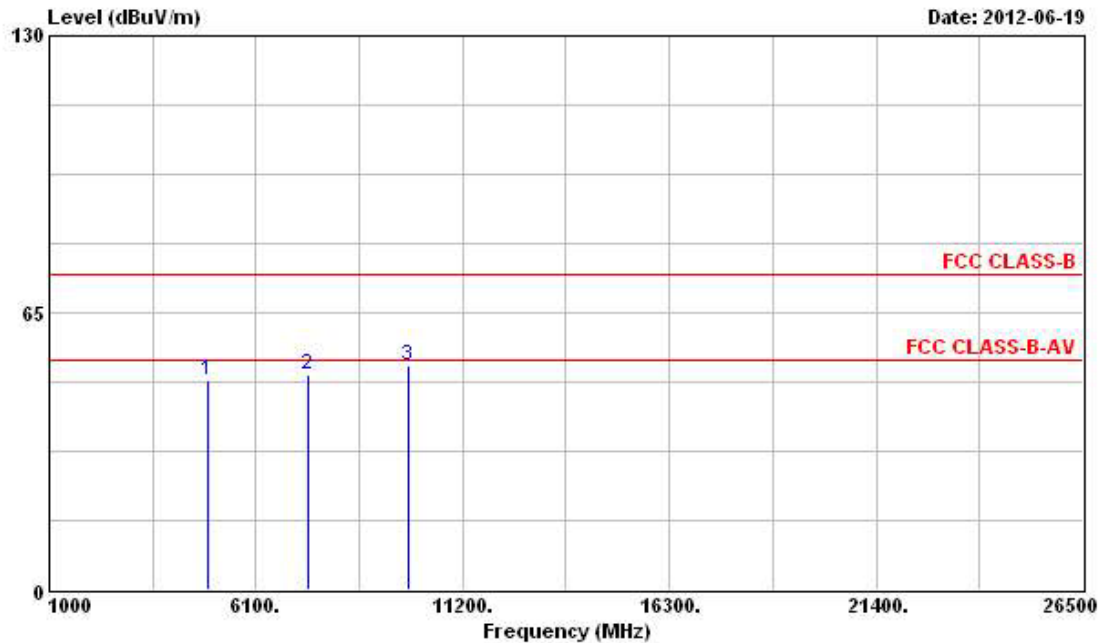
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	V

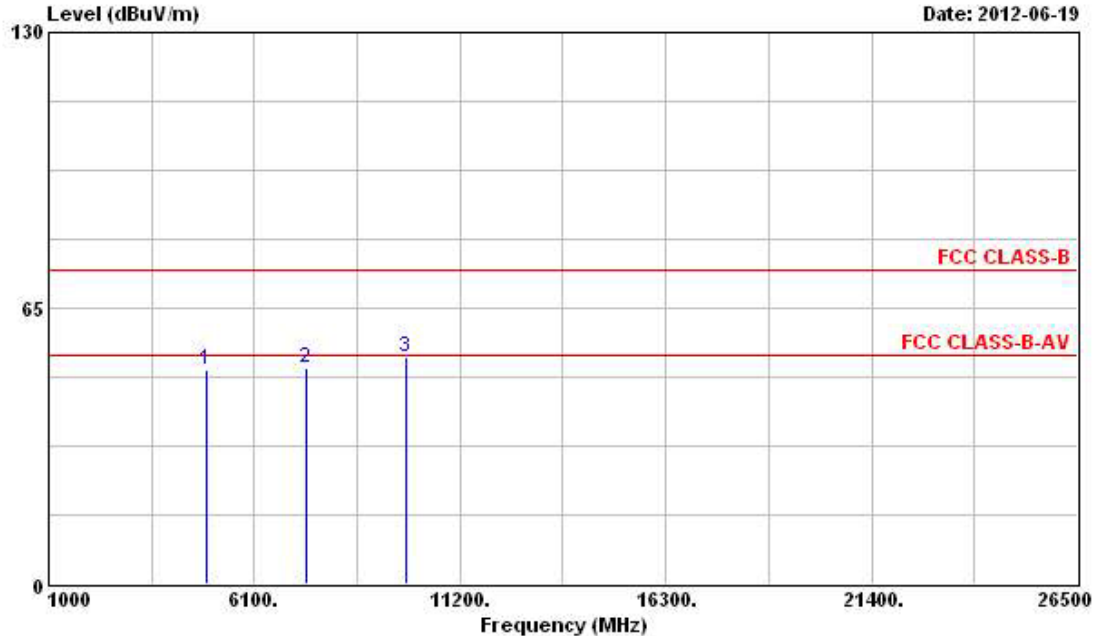


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4924.000	49.07	-4.93	54.00	43.93	35.23	4.68	34.77	PK	---	---
2	7386.000	50.36	-3.64	54.00	42.87	36.96	5.65	35.12	PK	---	---
3	9848.000	52.78	-21.22	74.00	43.08	38.81	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-20M	Power Level	1	Test Freq. (FX)	F3
Operating Function	Transmit	Ant. No.	1	Polarization	H



Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1 4924.000	50.27	-3.73	54.00	44.46	35.90	4.68	34.77	PK	---	---
2 7386.000	50.70	-3.30	54.00	42.29	37.88	5.65	35.12	PK	---	---
3 9848.000	53.46	-20.54	74.00	42.96	39.61	6.38	35.49	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

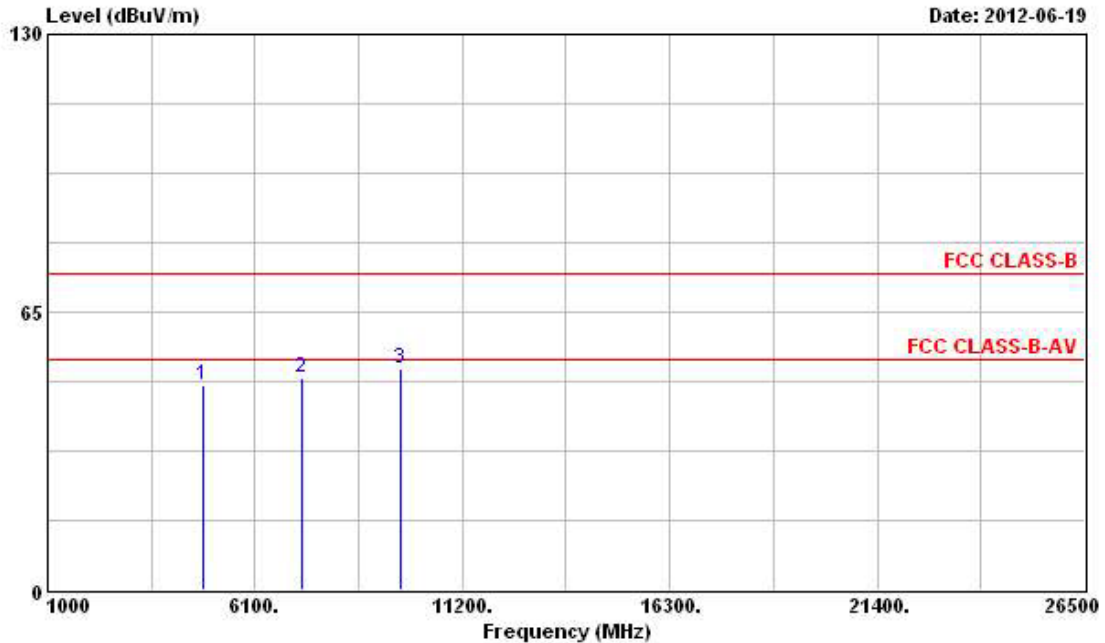
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F4
Operating Function	Transmit	Ant. No.	1	Polarization	V

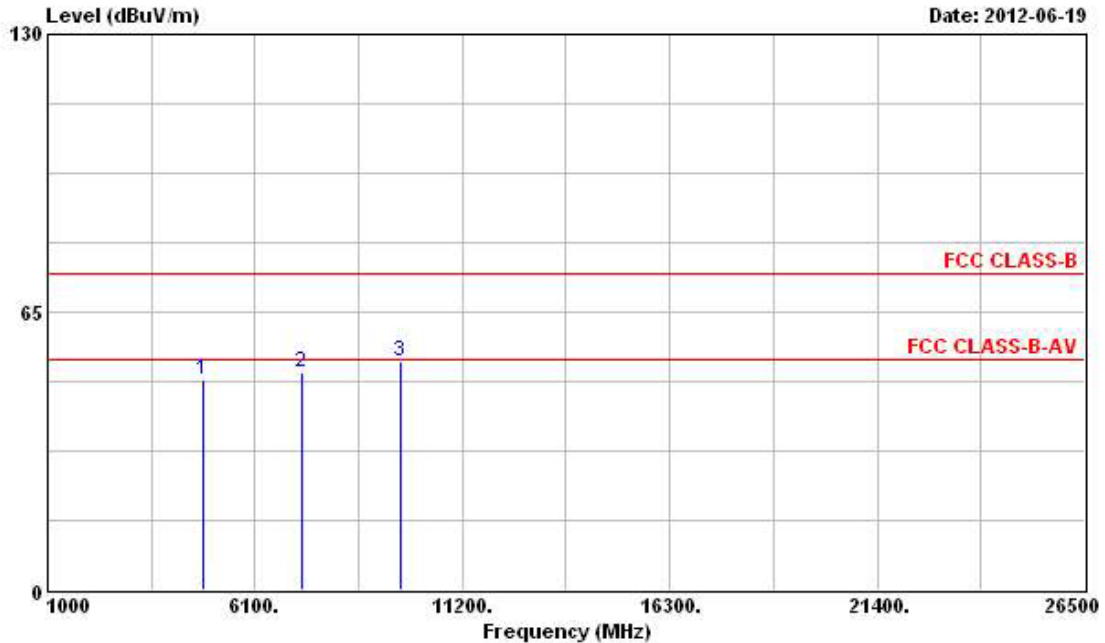


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4844.000	47.98	-6.02	54.00	43.02	35.14	4.61	34.79	PK	---	---
2	7266.000	49.74	-4.26	54.00	42.29	36.91	5.63	35.09	PK	---	---
3	9688.000	51.79	-22.21	74.00	42.29	38.63	6.35	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F4
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4844.000	49.26	-4.74	54.00	43.66	35.78	4.61	34.79	PK	---	---
2	7266.000	51.10	-2.90	54.00	42.70	37.86	5.63	35.09	PK	---	---
3	9688.000	53.39	-20.61	74.00	43.09	39.43	6.35	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

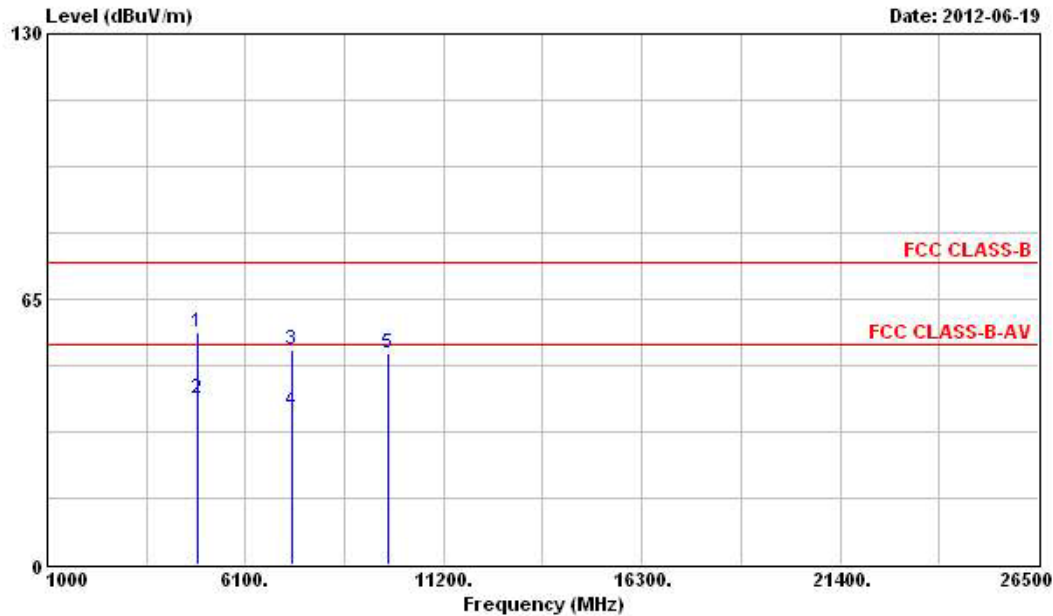
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F5
Operating Function	Transmit	Ant. No.	1	Polarization	V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	56.83	-17.17	74.00	51.82	35.18	4.61	34.78	Peak	---	---
2	4874.000	40.68	-13.32	54.00	35.67	35.18	4.61	34.78	Average	---	---
3	7311.000	52.51	-21.49	74.00	45.05	36.92	5.64	35.10	Peak	---	---
4	7311.000	37.83	-16.17	54.00	30.37	36.92	5.64	35.10	Average	---	---
5	9748.000	51.89	-22.11	74.00	42.30	38.71	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

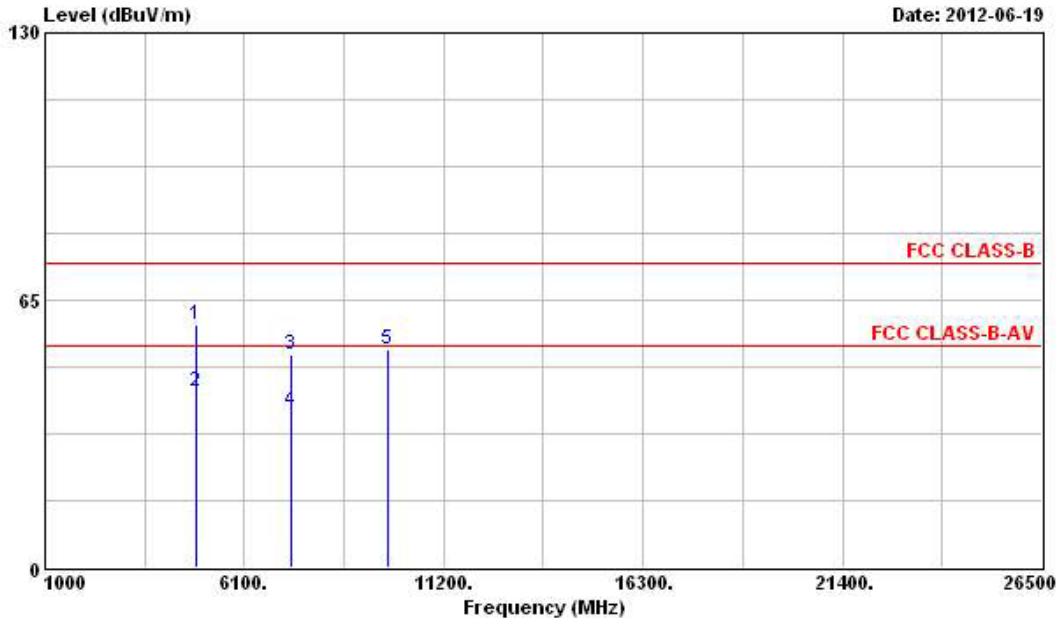
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F5
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4874.000	58.81	-15.19	74.00	53.15	35.83	4.61	34.78	Peak	---	---
2	4874.000	42.58	-11.42	54.00	36.92	35.83	4.61	34.78	Average	---	---
3	7311.000	51.62	-22.38	74.00	43.22	37.86	5.64	35.10	Peak	---	---
4	7311.000	38.22	-15.78	54.00	29.82	37.86	5.64	35.10	Average	---	---
5	9748.000	52.94	-21.06	74.00	42.55	39.51	6.36	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

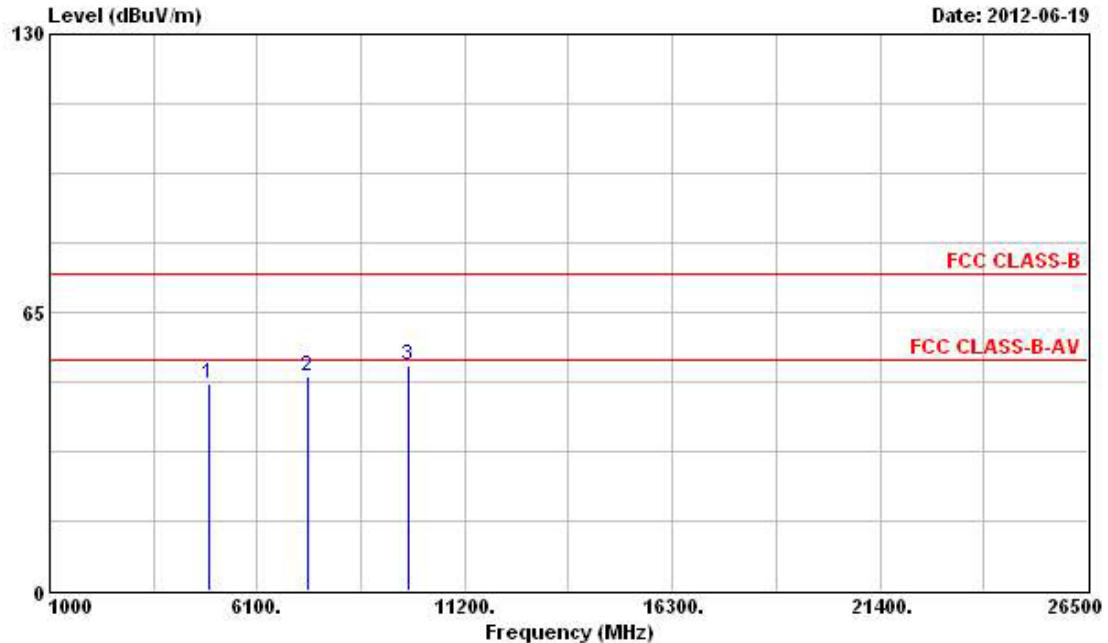
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For un-restricted bands, unwanted emissions (item 5) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F6
Operating Function	Transmit	Ant. No.	1	Polarization	V

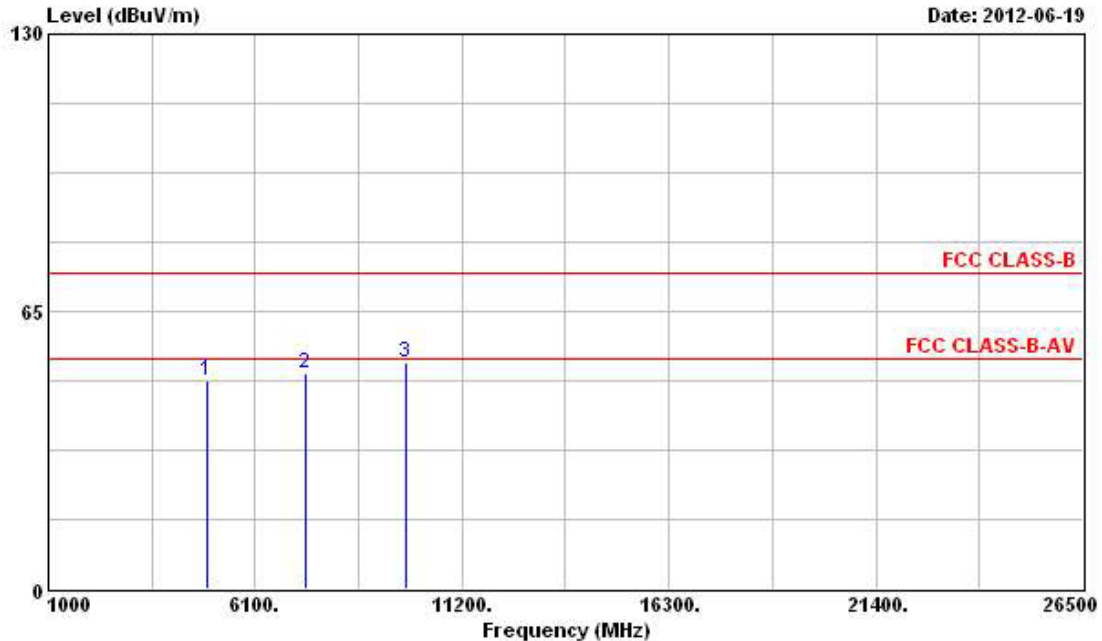


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4904.000	48.47	-5.53	54.00	43.40	35.21	4.64	34.78	PK	---	---
2	7356.000	49.91	-4.09	54.00	42.44	36.94	5.64	35.11	PK	---	---
3	9808.000	52.66	-21.34	74.00	43.00	38.77	6.37	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	11N2.4G-40M	Power Level	1	Test Freq. (FX)	F6
Operating Function	Transmit	Ant. No.	1	Polarization	H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	4904.000	48.75	-5.25	54.00	43.01	35.88	4.64	34.78	PK	---	---
2	7356.000	50.66	-3.34	54.00	42.26	37.87	5.64	35.11	PK	---	---
3	9808.000	53.11	-20.89	74.00	42.65	39.57	6.37	35.48	Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
 Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
 Note 4: For un-restricted bands, unwanted emissions (item 3) shall be attenuated by at least 20 dB relative to the maximum measured in-band level.

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Test Receiver	R&S	ESCS 30	100377	9kHz ~ 2.75GHz	Sep. 14, 2011	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Nov. 14, 2011	Conduction (CO01-CB)
PULSE LIMITER	R&S	ESH3-Z2	100430	9K~30MHz	Feb. 03, 2012	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	0.15MHz~30MHz	Dec. 4, 2011	Conduction (CO01-CB)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP 40	100305	9 KHz ~ 40 GHz	Feb. 21, 2012	Conducted (TH01-HY)
Temp. and Humidity Chamber	Giant Force	GTH-225-20-SP-SD	MAA1112-007	-20~100℃	Dec. 07, 2011	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100302	10MHz ~ 40GHz	Nov. 22, 2011	Conducted (TH01-HY)
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	Jan. 12, 2012	Conducted (TH01-HY)
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	Jan. 12, 2012	Conducted (TH01-HY)
RF Cable-1m	Jye Bao	RG142	CB034-1m	20 MHz ~ 7 GHz	Dec. 03, 2011	Conducted (TH01-HY)
RF Cable-2m	Jye Bao	RG142	CB035-2m	20 MHz ~ 1 GHz	Dec. 03, 2011	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
AC Power Source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	Jun. 09, 2011*	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is two year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP40	100593	9 kHz ~ 40 GHz	Aug. 08, 2011	Radiation (03CH02-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30 MHz ~ 1 GHz 3m	May 10, 2012	Radiation (03CH02-HY)
Amplifier	Agilent	8447D	2944A11146	100 kHz ~ 1.3 GHz	Jul. 25, 2011	Radiation (03CH02-HY)
Amplifier	Agilent	8449B	3008A02373	1 GHz ~ 26.5 GHz	Jul. 25, 2011	Radiation (03CH02-HY)
Horn Antenna	ETS-LINDGREN	3117	00091920	1 GHz ~ 18 GHz	Nov. 15, 2011	Radiation (03CH02-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz ~ 1 GHz	Nov. 11, 2011	Radiation (03CH02-HY)
RF Cable-high	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz ~ 40 GHz	Jan. 18, 2012	Radiation (03CH02-HY)
Bilog Antenna	SCHAFFNER	CBL61128	2723	30 MHz ~ 2 GHz	Oct. 22, 2011	Radiation (03CH02-HY)
Turn Table	HD	DS 420	420/649/00	0 - 360 degree	N/A	Radiation (03CH02-HY)
Antenna Mast	HD	MA 240	240/559/00	1 m - 4 m	N/A	Radiation (03CH02-HY)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	Jul. 29, 2010*	Radiation (03CH02-HY)

Note: Calibration Interval of instruments listed above is two year.

5 Certification of TAF Accreditation


財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate No. : L1190-111208

Certificate of Accreditation

This is to certify that

Sporton International Inc.
EMC & Wireless Communications Laboratory
No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien,
Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria	: ISO/IEC 17025:2005
Accreditation Number	: 1190
Originally Accredited	: December 15, 2003
Effective Period	: January 10, 2010 to January 09, 2013
Accredited Scope	: Testing Field, see described in the Appendix
Specific Accreditation Program	: Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities


Jay-San Chen
President, Taiwan Accreditation Foundation
Date : December 08, 2011

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The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix