For Band edge

Spectrum Parameter	Setting
Detector	Peak/AV
Start/Stop Frequency	Lower Band Edge: 2300 to 2403 MHz Upper Band Edge: 2479 to 2500 MHz
RB / VB (emission in restricted band)	PK=1MHz / 1MHz, AV=1 MHz / 10 Hz

Receiver Parameter	**Setting**
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

7.2 TEST PROCEDURE

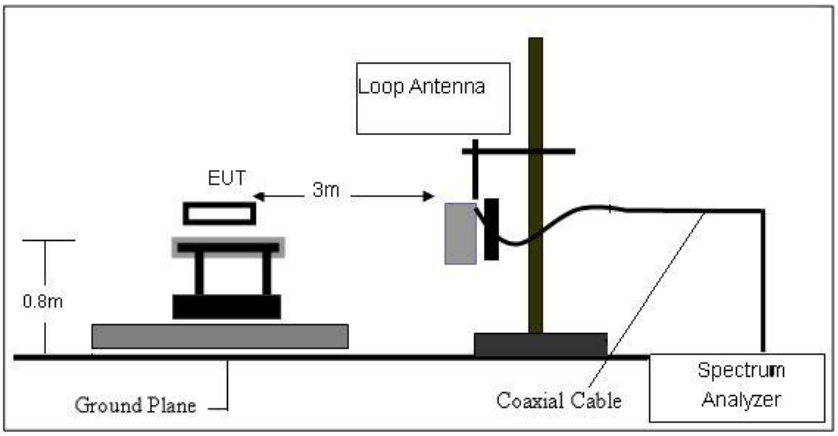
a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz,and above 1GHz.
b. The EUT was placed on the top of a rotating table 0.8 meters (above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

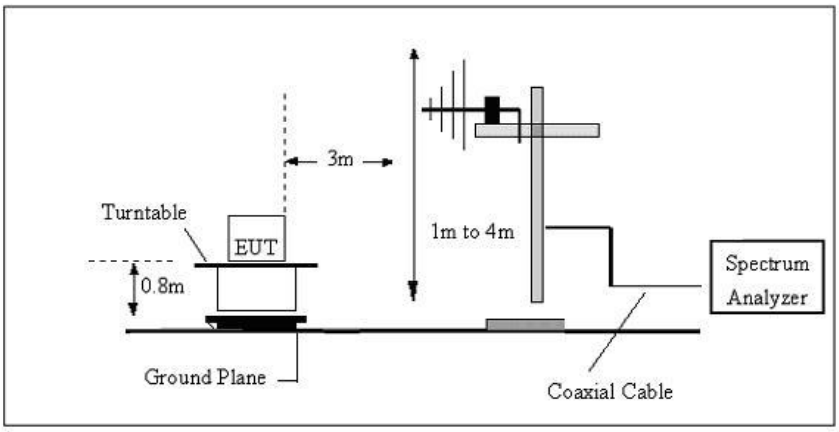
Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

7.3 TESTSETUP

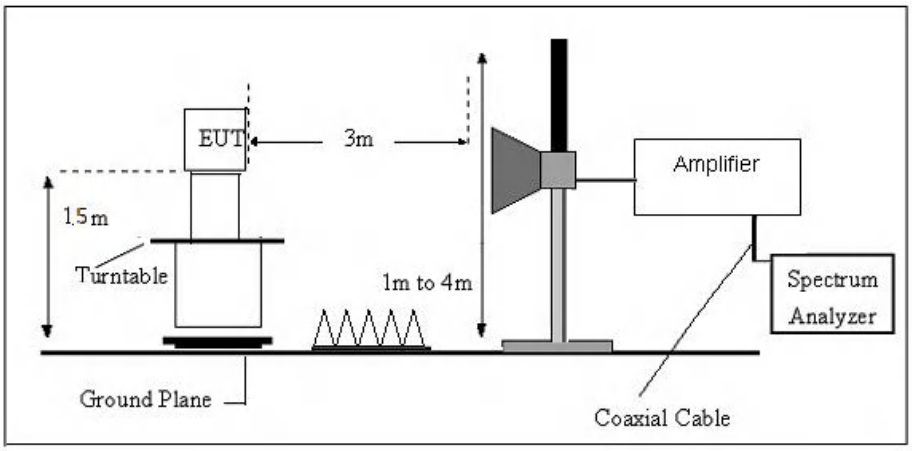
（A）Radiated Emission Test-Up Frequency Below 30MHz



（B）Radiated Emission Test-Up Frequency 30MHz~1GHz



（C）Radiated Emission Test-Up Frequency Above 1GHz



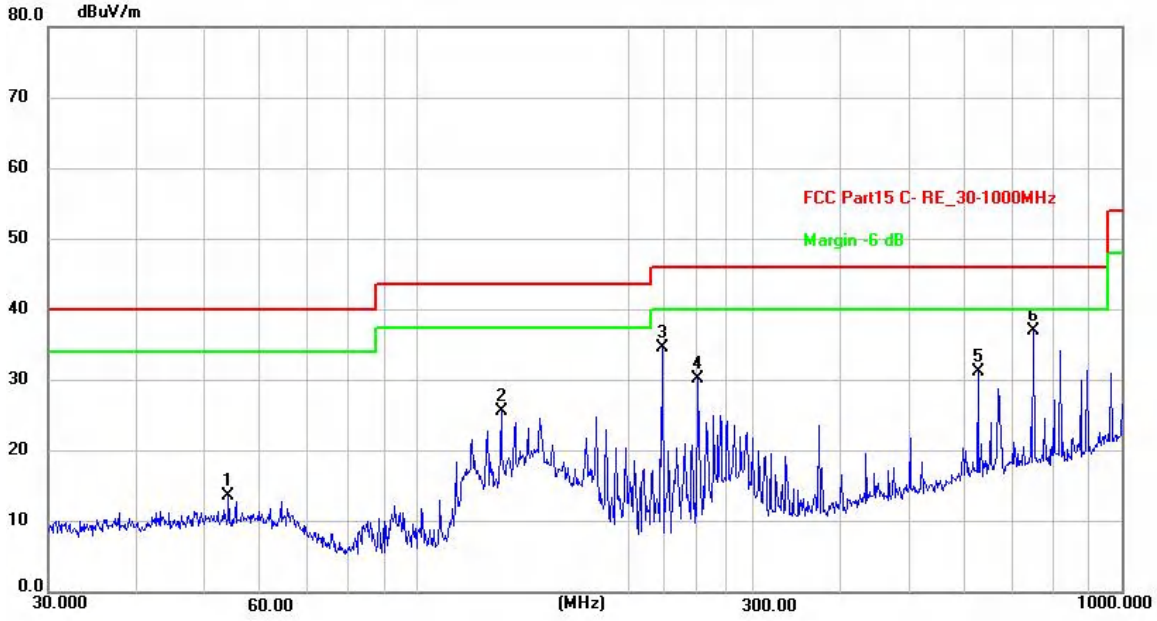
7.4 TEST RESULTS

Radiated Emission (9KHz-30MHz)

Note:The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Radiated Emission (30MHz-1000MHz)

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	BR 5M-2405MHz		

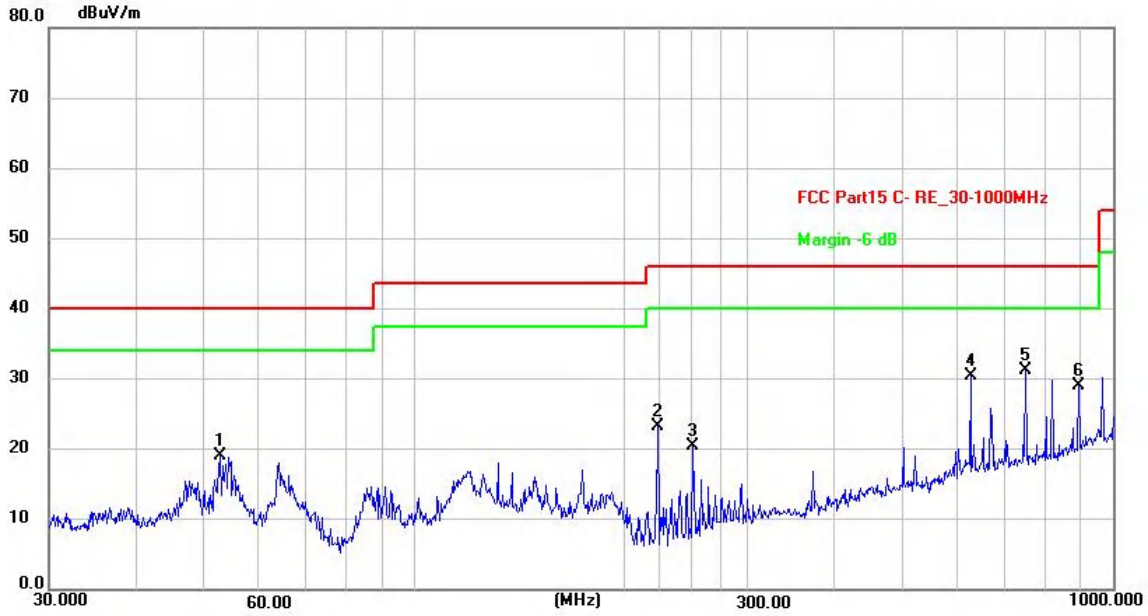


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	54.0711	42.78	-29.04	13.74	40.00	-26.26	peak
2	131.7577	56.56	-30.89	25.67	43.50	-17.83	peak
3	222.9502	67.27	-32.68	34.59	46.00	-11.41	peak
4	250.3012	60.95	-30.68	30.27	46.00	-15.73	peak
5	625.0780	52.07	-20.84	31.23	46.00	-14.77	peak
6 *	750.1083	55.38	-18.43	36.95	46.00	-9.05	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	BR 5M-2405MHz		

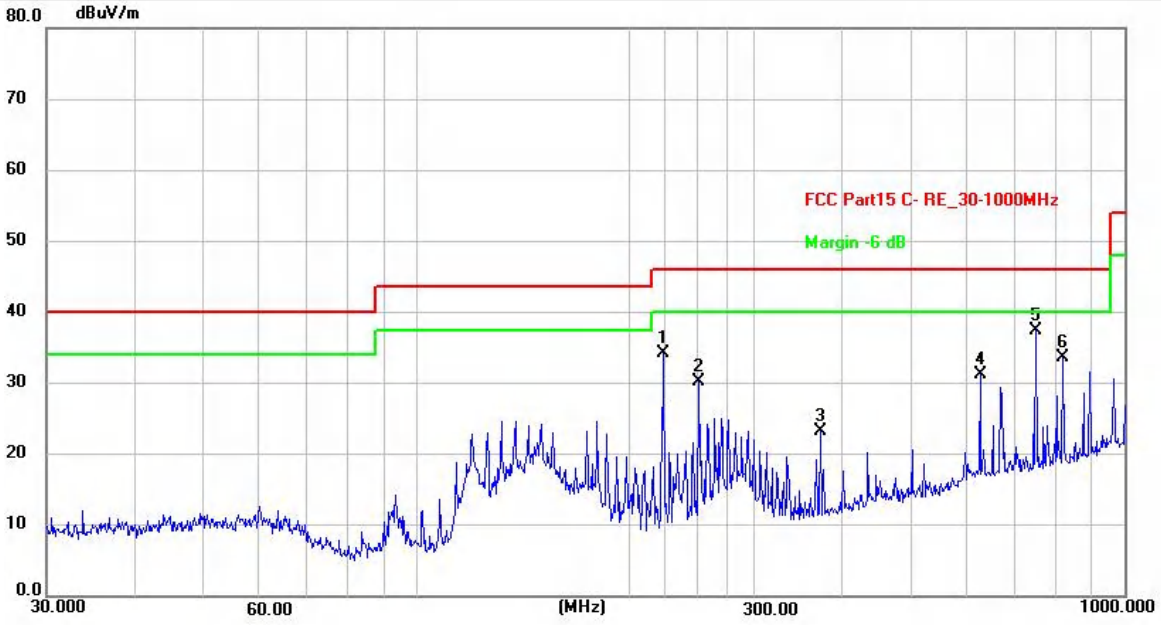


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	52.7600	48.03	-29.02	19.01	40.00	-20.99	peak
2	222.9502	55.86	-32.68	23.18	46.00	-22.82	peak
3	250.3012	51.12	-30.68	20.44	46.00	-25.56	peak
4	625.0780	51.29	-20.84	30.45	46.00	-15.55	peak
5 *	750.1083	49.62	-18.43	31.19	46.00	-14.81	peak
6	893.8567	46.02	-17.01	29.01	46.00	-16.99	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	BR 5M-2465MHz		

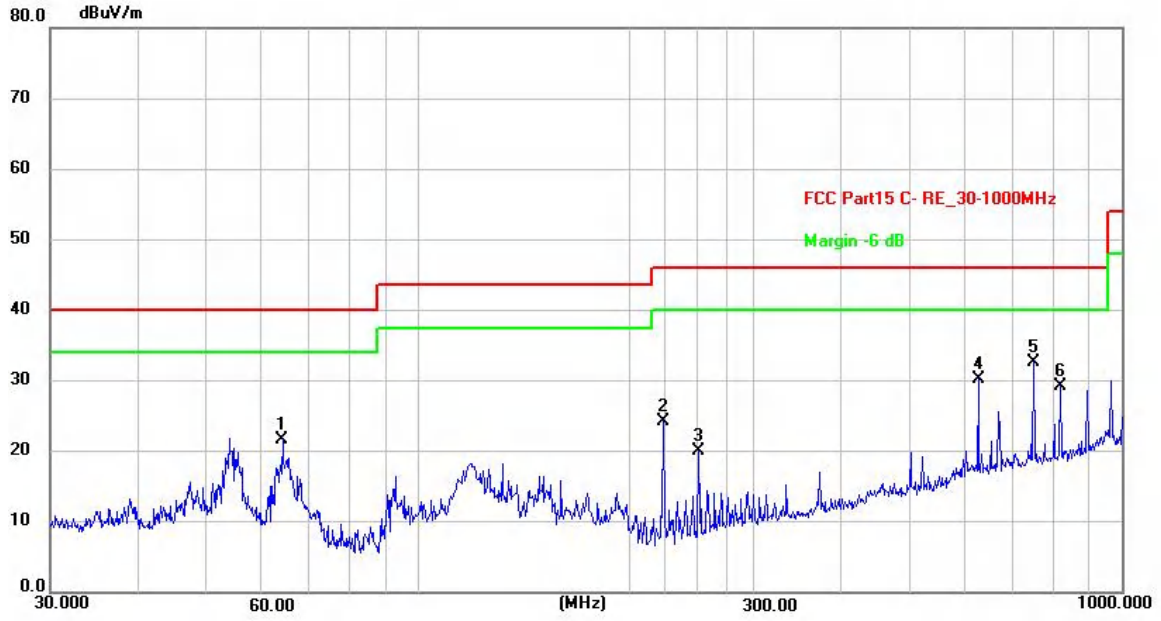


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	222.9502	66.97	-32.68	34.29	46.00	-11.71	peak
2	250.3012	60.87	-30.68	30.19	46.00	-15.81	peak
3	372.0045	50.17	-26.88	23.29	46.00	-22.71	peak
4	625.0780	52.03	-20.84	31.19	46.00	-14.81	peak
5 *	750.1083	55.76	-18.43	37.33	46.00	-8.67	peak
6	818.8341	51.18	-17.50	33.68	46.00	-12.32	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	BR 5M-2465MHz		

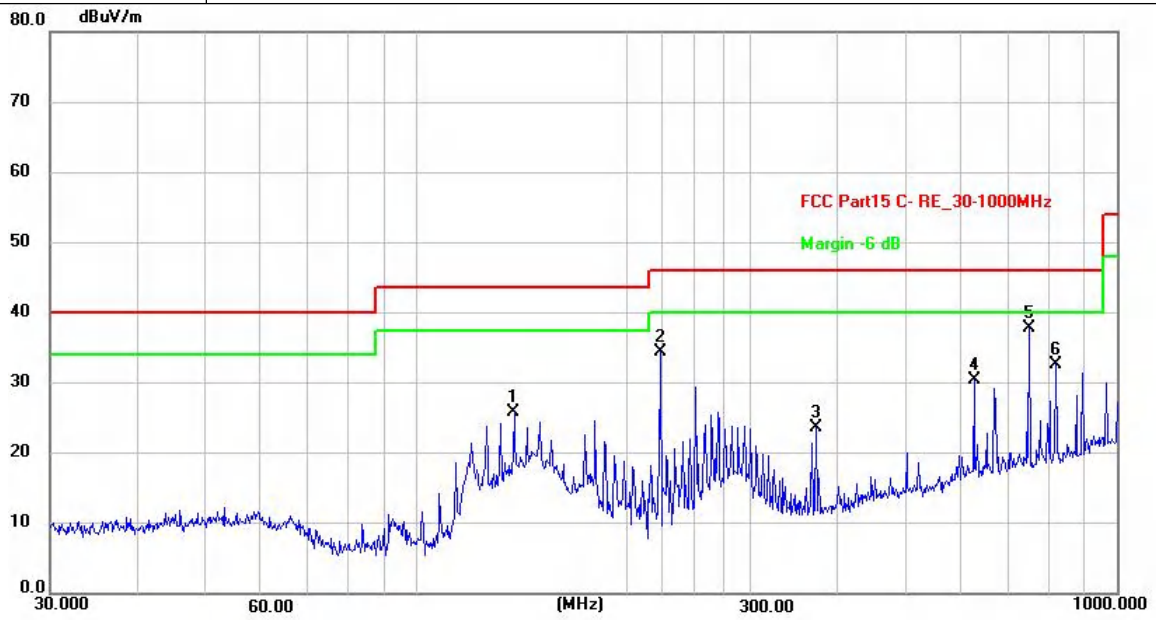


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	64.2074	51.47	-29.83	21.64	40.00	-18.36	peak
2	222.9502	56.93	-32.68	24.25	46.00	-21.75	peak
3	250.3012	50.65	-30.68	19.97	46.00	-26.03	peak
4	625.0780	51.11	-20.84	30.27	46.00	-15.73	peak
5 *	750.1083	51.13	-18.43	32.70	46.00	-13.30	peak
6	818.8341	46.63	-17.50	29.13	46.00	-16.87	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 5M-2405MHz		

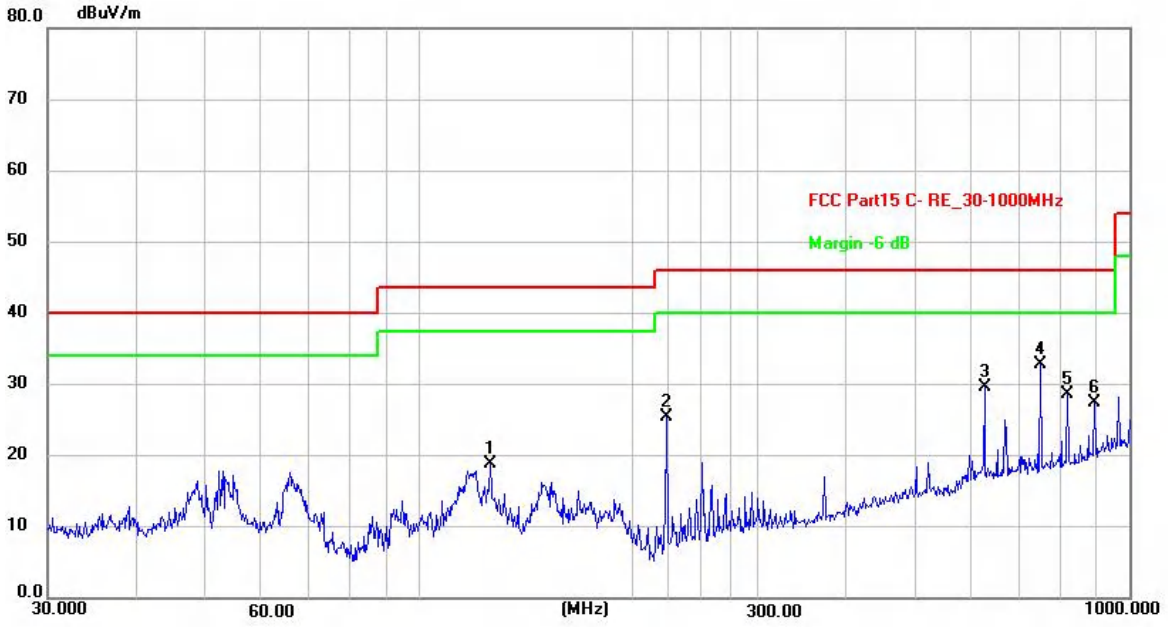


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	55.83	-30.07	25.76	43.50	-17.74	peak
2	222.9502	67.13	-32.68	34.45	46.00	-11.55	peak
3	372.0045	50.43	-26.88	23.55	46.00	-22.45	peak
4	625.0780	51.31	-20.84	30.47	46.00	-15.53	peak
5 *	750.1083	56.14	-18.43	37.71	46.00	-8.29	peak
6	818.8341	50.08	-17.50	32.58	46.00	-13.42	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 5M-2405MHz		

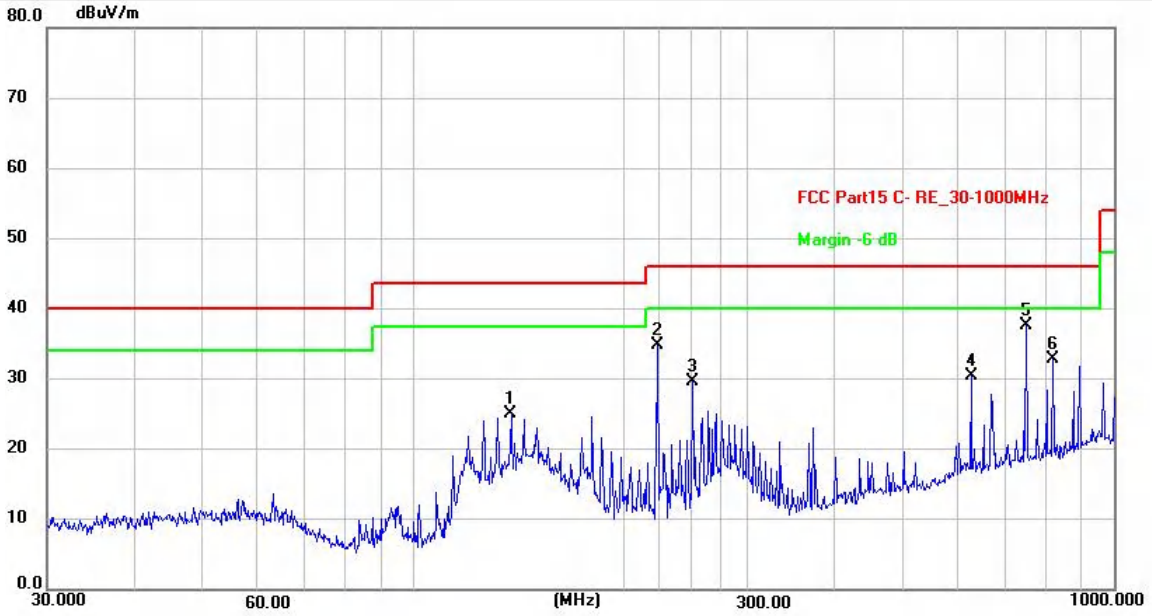


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	125.8864	50.25	-31.47	18.78	43.50	-24.72	peak
2	222.9502	58.03	-32.68	25.35	46.00	-20.65	peak
3	625.0780	50.52	-20.84	29.68	46.00	-16.32	peak
4 *	750.1083	51.34	-18.43	32.91	46.00	-13.09	peak
5	818.8341	46.04	-17.50	28.54	46.00	-17.46	peak
6	893.8567	44.48	-17.01	27.47	46.00	-18.53	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 5M-2465MHz		

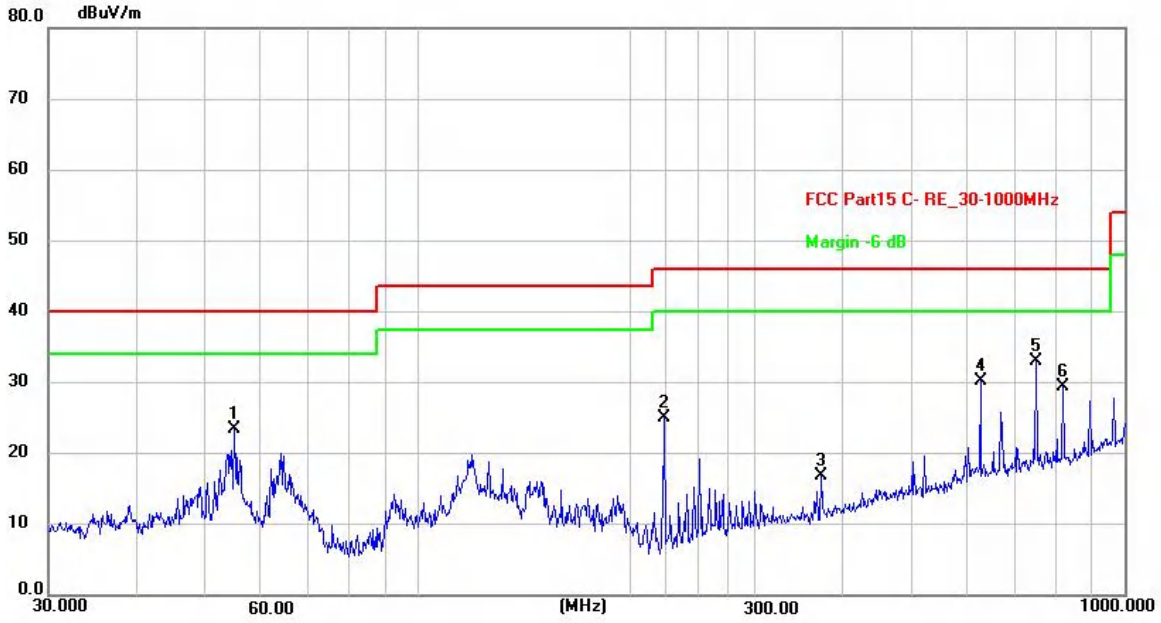


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	55.14	-30.07	25.07	43.50	-18.43	peak
2	222.9502	67.44	-32.68	34.76	46.00	-11.24	peak
3	250.3012	60.32	-30.68	29.64	46.00	-16.36	peak
4	625.0780	51.21	-20.84	30.37	46.00	-15.63	peak
5 *	750.1083	56.07	-18.43	37.64	46.00	-8.36	peak
6	818.8341	50.39	-17.50	32.89	46.00	-13.11	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 5M-2465MHz		

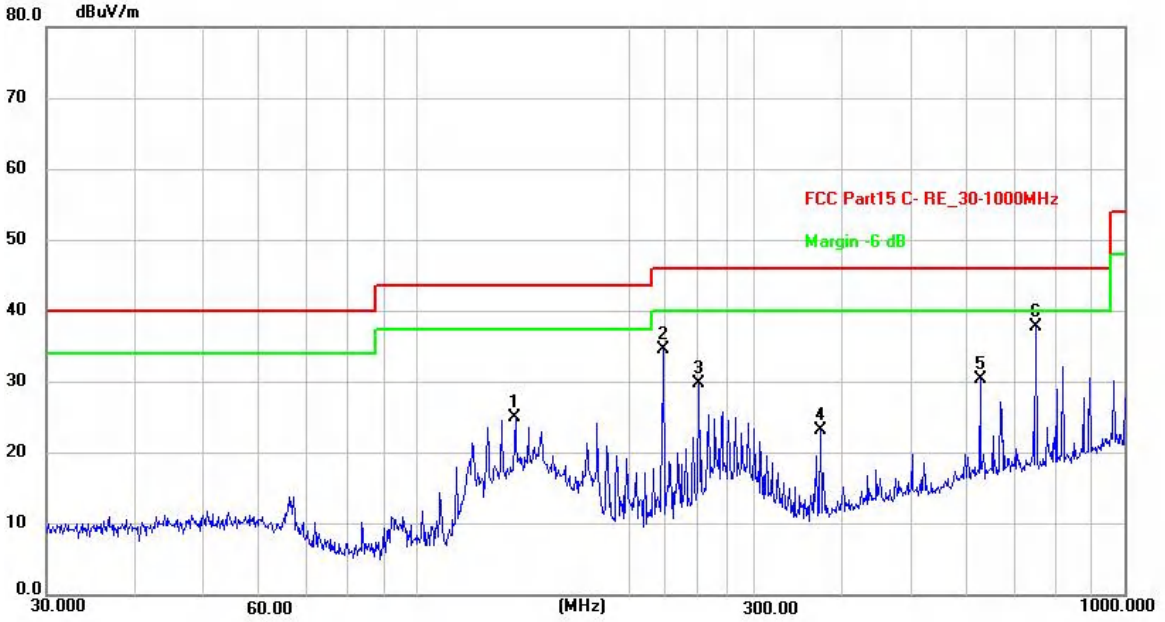


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	55.0274	52.39	-28.92	23.47	40.00	-16.53	peak
2	222.9502	57.62	-32.68	24.94	46.00	-21.06	peak
3	372.0045	43.83	-26.88	16.95	46.00	-29.05	peak
4	625.0780	50.98	-20.84	30.14	46.00	-15.86	peak
5 *	750.1083	51.37	-18.43	32.94	46.00	-13.06	peak
6	818.8341	46.85	-17.50	29.35	46.00	-16.65	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 10M-2410MHz		

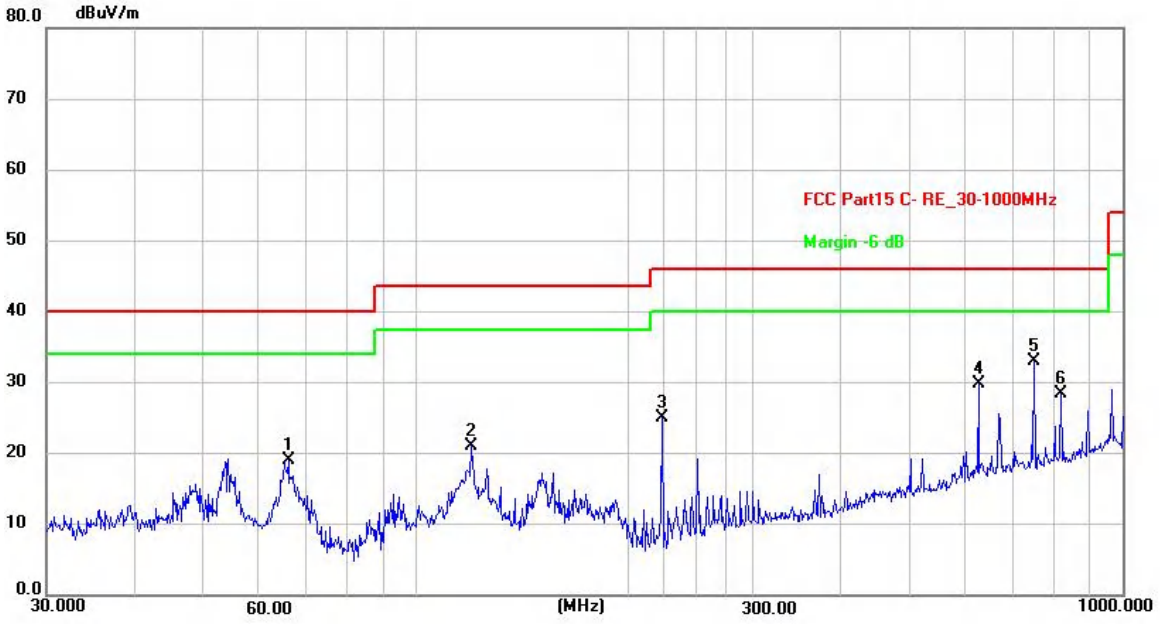


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	55.19	-30.07	25.12	43.50	-18.38	peak
2	222.9502	67.23	-32.68	34.55	46.00	-11.45	peak
3	250.3012	60.44	-30.68	29.76	46.00	-16.24	peak
4	372.0045	50.05	-26.88	23.17	46.00	-22.83	peak
5	625.0780	51.25	-20.84	30.41	46.00	-15.59	peak
6 *	750.1083	56.27	-18.43	37.84	46.00	-8.16	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 10M-2410MHz		

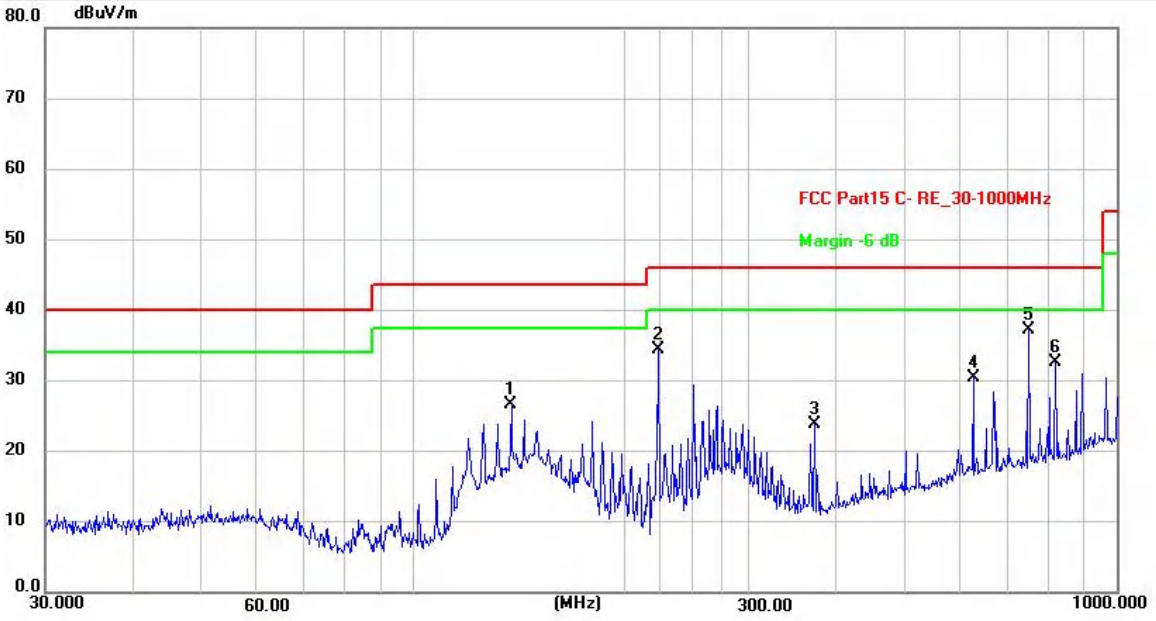


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	66.0342	49.45	-30.38	19.07	40.00	-20.93	peak
2	119.8556	52.98	-32.00	20.98	43.50	-22.52	peak
3	222.9502	57.69	-32.68	25.01	46.00	-20.99	peak
4	625.0780	50.72	-20.84	29.88	46.00	-16.12	peak
5 *	750.1083	51.51	-18.43	33.08	46.00	-12.92	peak
6	818.8341	46.00	-17.50	28.50	46.00	-17.50	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 10M-2465MHz		

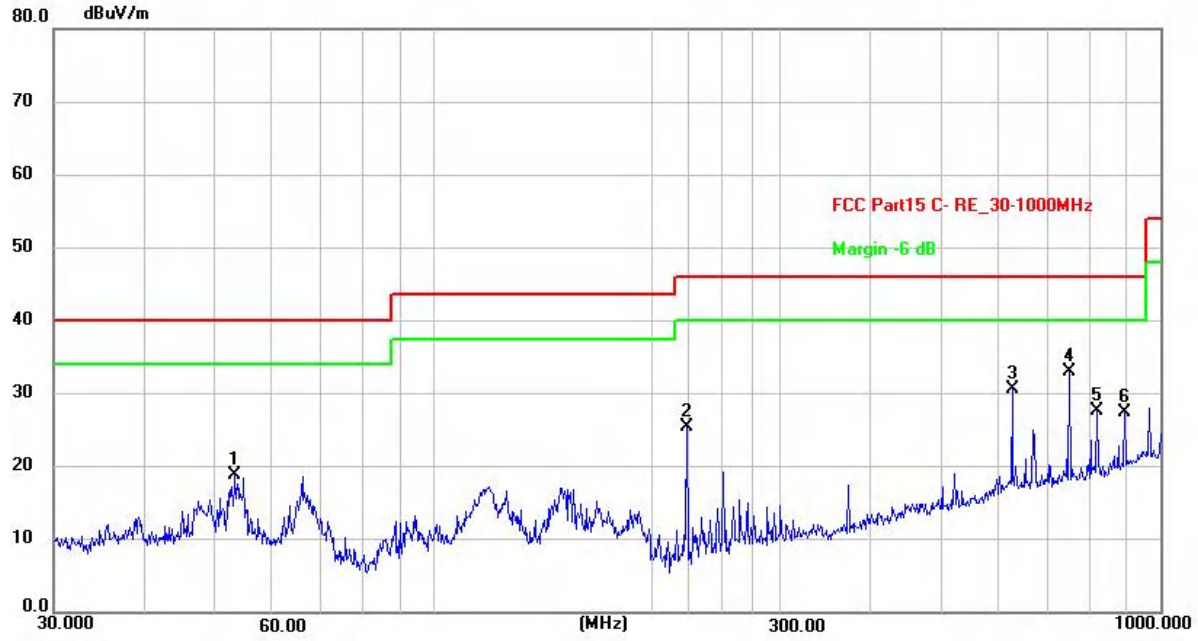


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	56.62	-30.07	26.55	43.50	-16.95	peak
2	222.9502	67.12	-32.68	34.44	46.00	-11.56	peak
3	372.0045	50.63	-26.88	23.75	46.00	-22.25	peak
4	625.0780	51.20	-20.84	30.36	46.00	-15.64	peak
5 *	750.1083	55.66	-18.43	37.23	46.00	-8.77	peak
6	818.8341	50.16	-17.50	32.66	46.00	-13.34	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 10M-2465MHz		

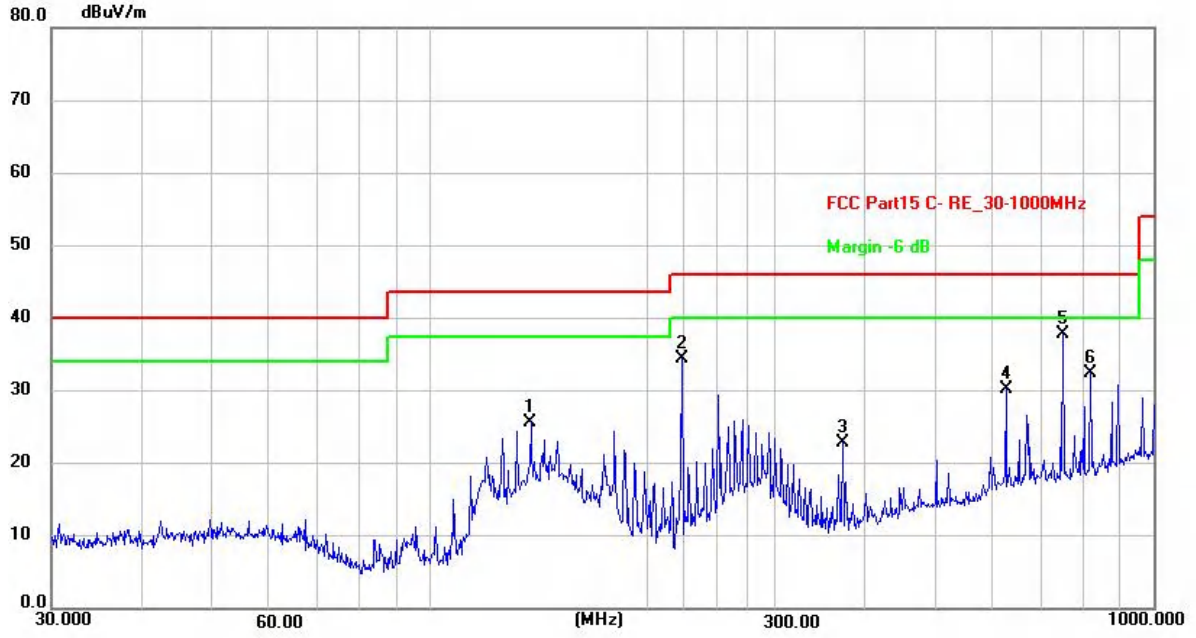


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	53.3179	47.87	-29.04	18.83	40.00	-21.17	peak
2	222.9502	58.09	-32.68	25.41	46.00	-20.59	peak
3	625.0780	51.40	-20.84	30.56	46.00	-15.44	peak
4 *	750.1083	51.35	-18.43	32.92	46.00	-13.08	peak
5	818.8341	45.18	-17.50	27.68	46.00	-18.32	peak
6	893.8567	44.43	-17.01	27.42	46.00	-18.58	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 20M-2415MHz		

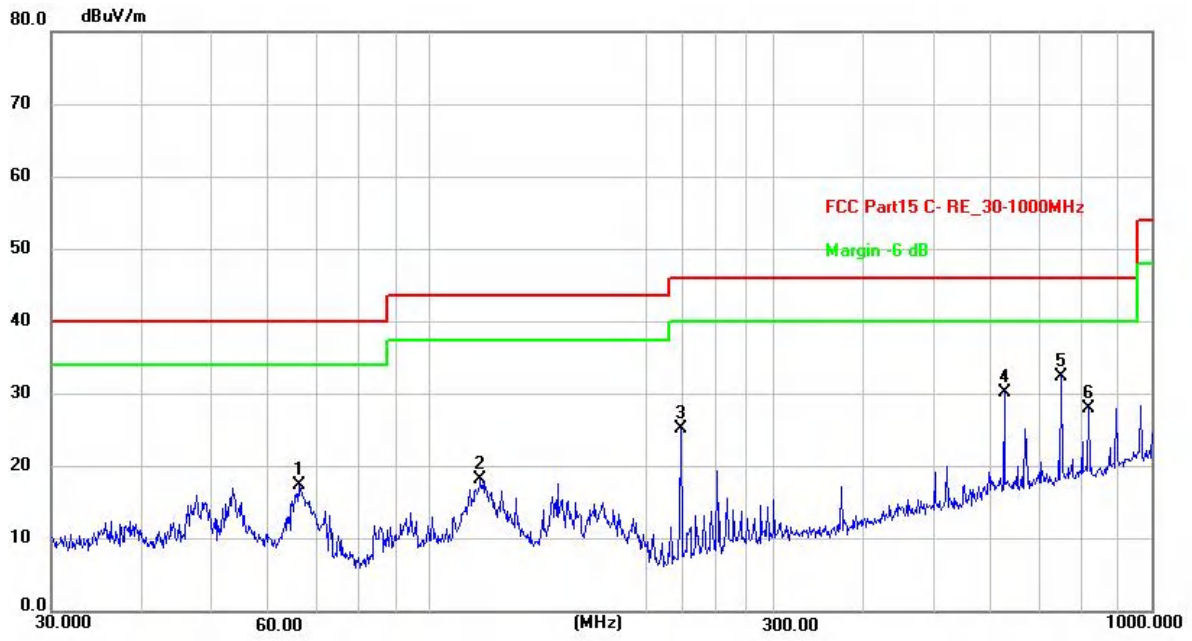


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	55.66	-30.07	25.59	43.50	-17.91	peak
2	222.9502	67.17	-32.68	34.49	46.00	-11.51	peak
3	372.0045	49.77	-26.88	22.89	46.00	-23.11	peak
4	625.0780	51.05	-20.84	30.21	46.00	-15.79	peak
5 *	750.1083	56.14	-18.43	37.71	46.00	-8.29	peak
6	818.8341	50.01	-17.50	32.51	46.00	-13.49	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 20M-2415MHz		

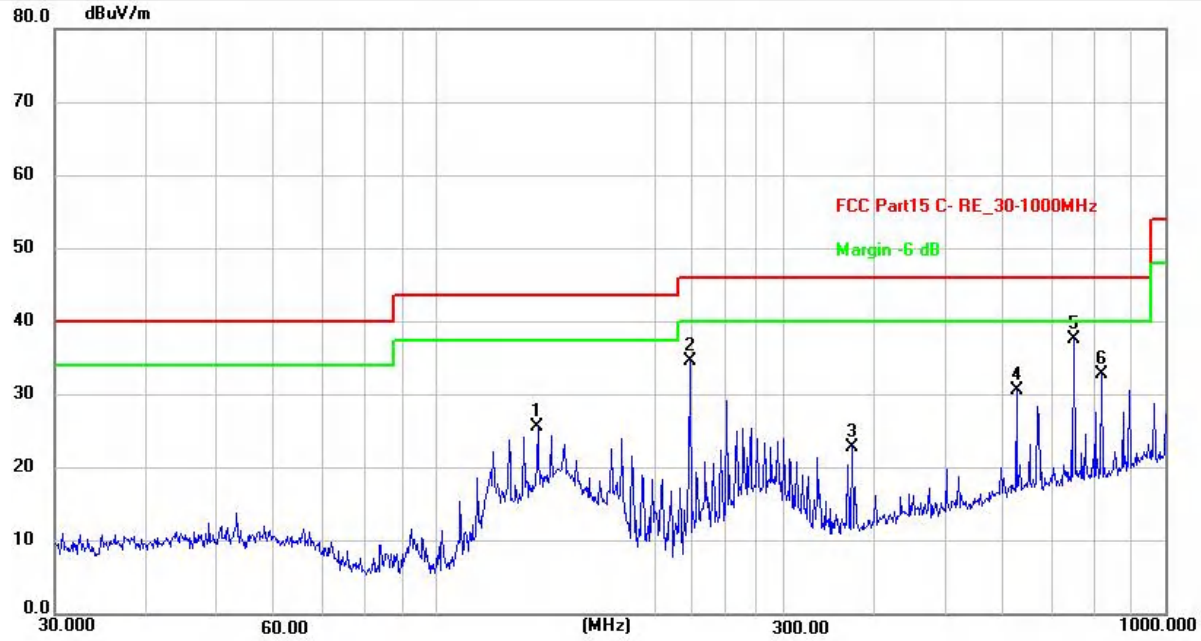


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	66.0342	47.90	-30.38	17.52	40.00	-22.48	peak
2	117.7725	50.48	-32.22	18.26	43.50	-25.24	peak
3	222.9502	57.82	-32.68	25.14	46.00	-20.86	peak
4	625.0780	51.04	-20.84	30.20	46.00	-15.80	peak
5 *	750.1083	50.93	-18.43	32.50	46.00	-13.50	peak
6	818.8341	45.45	-17.50	27.95	46.00	-18.05	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 20M-2460MHz		

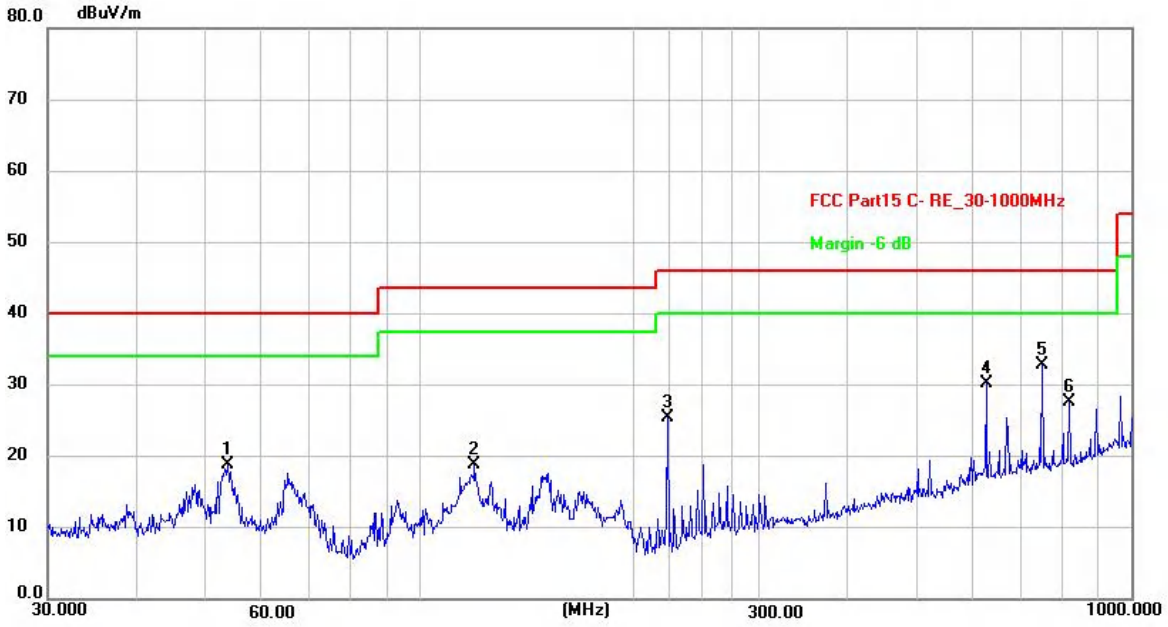


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	55.66	-30.07	25.59	43.50	-17.91	peak
2	222.9502	67.23	-32.68	34.55	46.00	-11.45	peak
3	372.0045	49.65	-26.88	22.77	46.00	-23.23	peak
4	625.0780	51.42	-20.84	30.58	46.00	-15.42	peak
5 *	750.1083	56.06	-18.43	37.63	46.00	-8.37	peak
6	818.8341	50.41	-17.50	32.91	46.00	-13.09	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 20M-2460MHz		

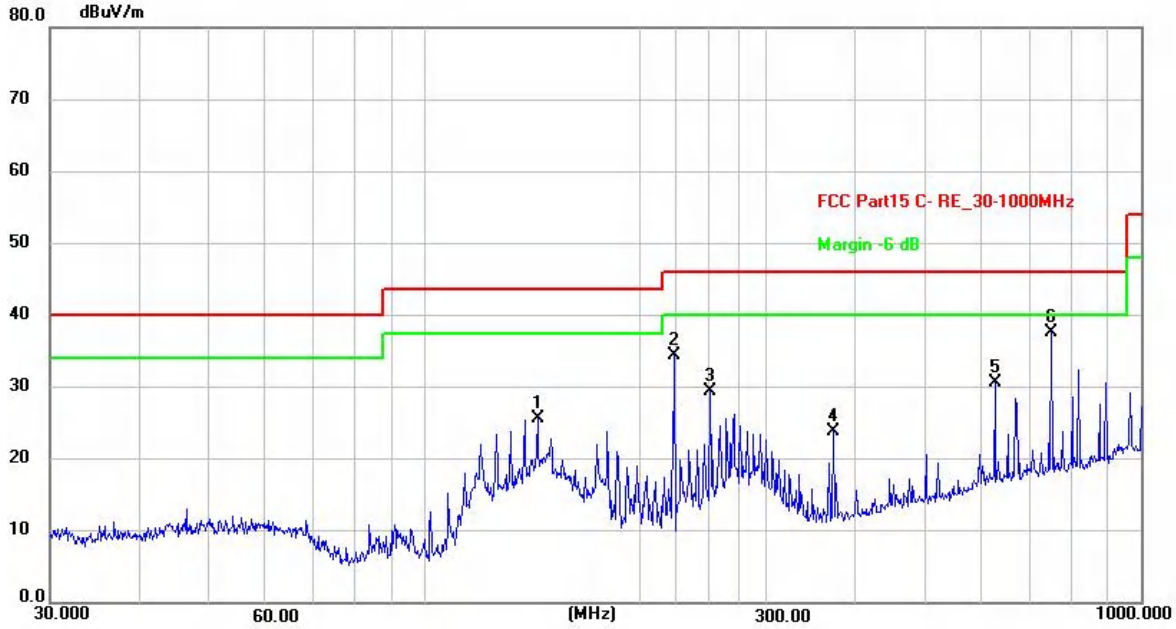


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	53.6932	47.95	-29.04	18.91	40.00	-21.09	peak
2	119.4361	50.89	-32.05	18.84	43.50	-24.66	peak
3	222.9502	58.09	-32.68	25.41	46.00	-20.59	peak
4	625.0780	51.13	-20.84	30.29	46.00	-15.71	peak
5 *	750.1083	51.32	-18.43	32.89	46.00	-13.11	peak
6	818.8341	45.10	-17.50	27.60	46.00	-18.40	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 40M-2425MHz		

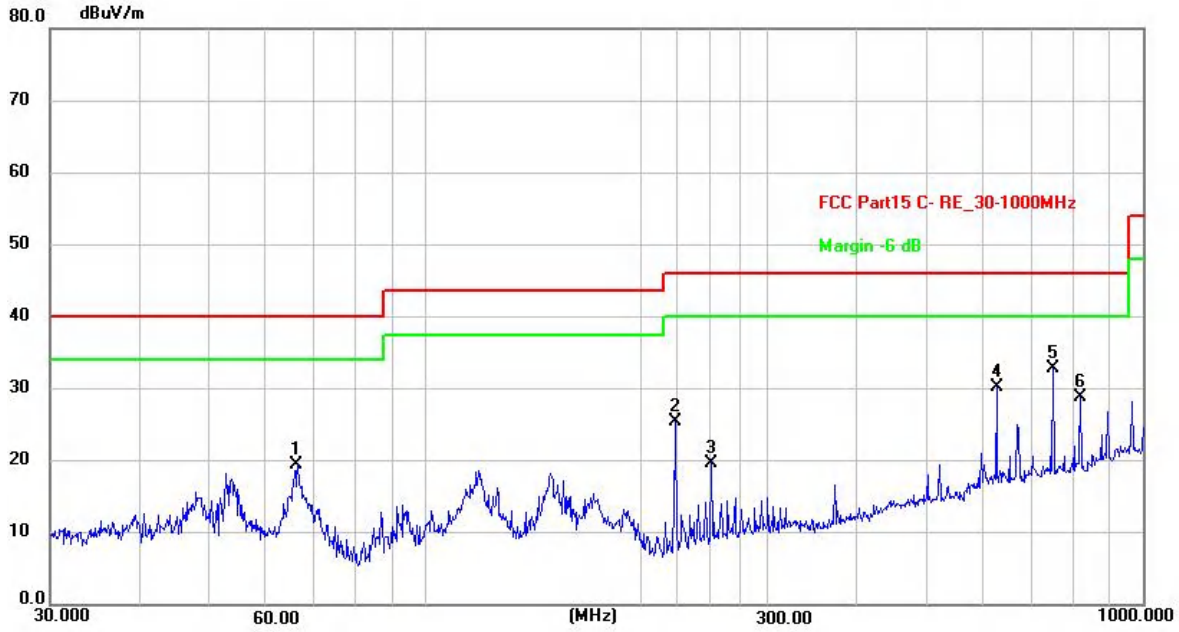


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	143.8295	55.06	-29.37	25.69	43.50	-17.81	peak
2	222.9502	67.17	-32.68	34.49	46.00	-11.51	peak
3	250.3012	60.14	-30.68	29.46	46.00	-16.54	peak
4	372.0045	50.74	-26.88	23.86	46.00	-22.14	peak
5	625.0780	51.43	-20.84	30.59	46.00	-15.41	peak
6 *	750.1083	56.06	-18.43	37.63	46.00	-8.37	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 40M-2425MHz		

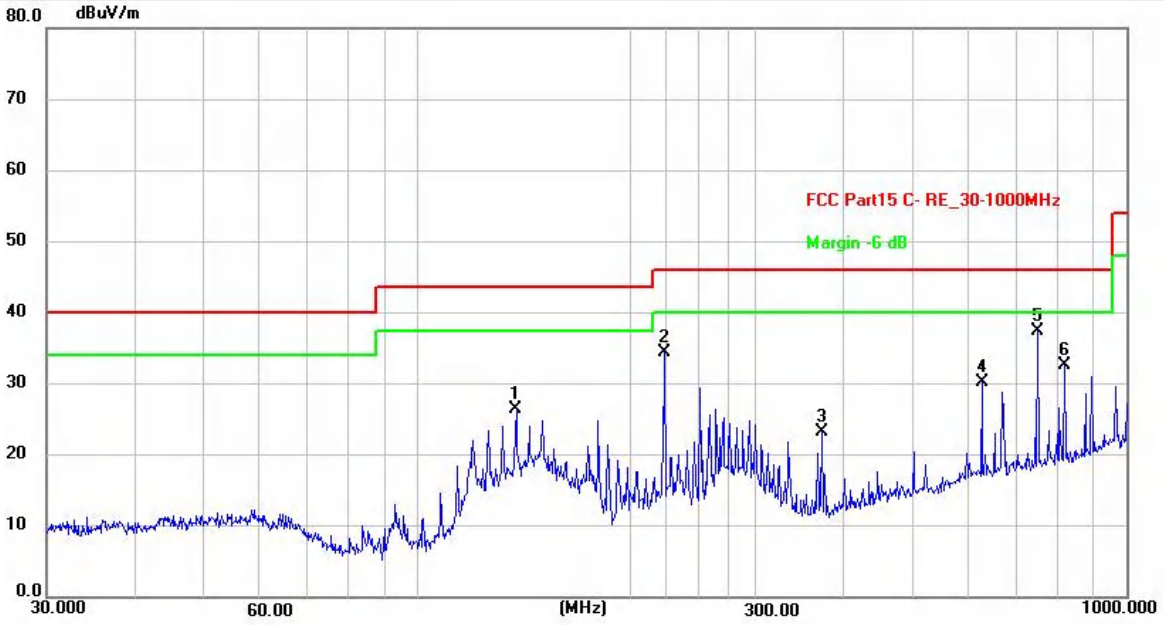


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	66.4989	49.90	-30.44	19.46	40.00	-20.54	peak
2	222.9502	58.04	-32.68	25.36	46.00	-20.64	peak
3	250.3012	50.26	-30.68	19.58	46.00	-26.42	peak
4	625.0780	51.10	-20.84	30.26	46.00	-15.74	peak
5 *	750.1083	51.20	-18.43	32.77	46.00	-13.23	peak
6	818.8341	46.24	-17.50	28.74	46.00	-17.26	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Horizontal
Test Mode:	Slot 40M-2450MHz		

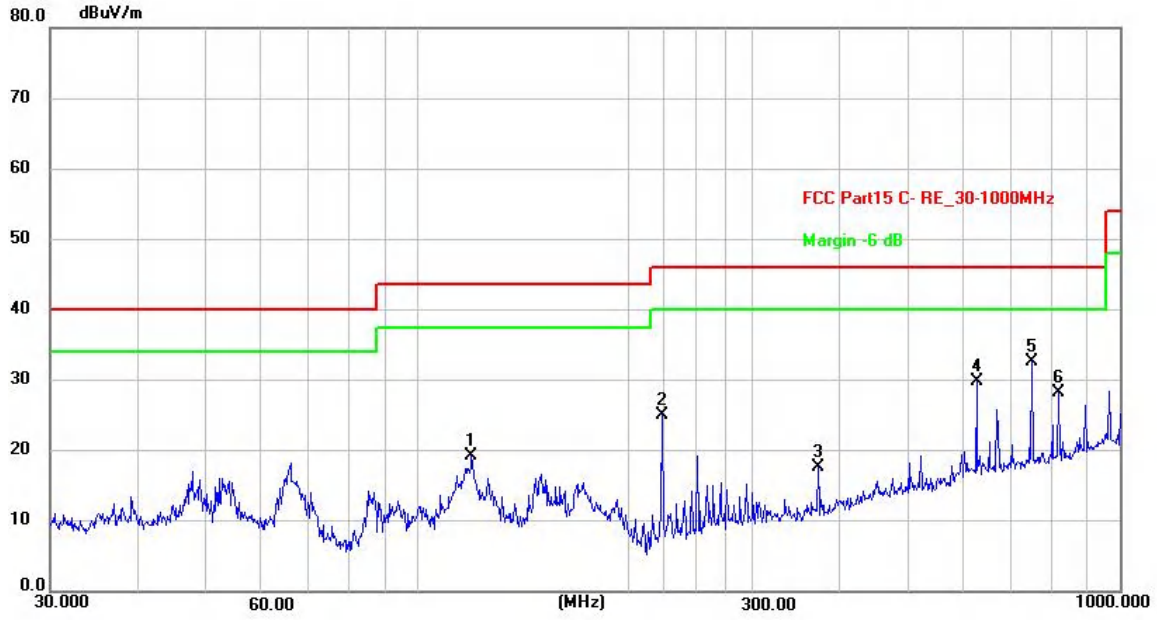


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	137.9028	56.45	-30.07	26.38	43.50	-17.12	peak
2	222.9502	67.15	-32.68	34.47	46.00	-11.53	peak
3	372.0045	50.22	-26.88	23.34	46.00	-22.66	peak
4	625.0780	50.98	-20.84	30.14	46.00	-15.86	peak
5 *	750.1083	55.93	-18.43	37.50	46.00	-8.50	peak
6	818.8341	50.18	-17.50	32.68	46.00	-13.32	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Phase:	Vertical
Test Mode:	Slot 40M-2450MHz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	119.4361	51.37	-32.05	19.32	43.50	-24.18	peak
2	222.9502	57.81	-32.68	25.13	46.00	-20.87	peak
3	372.0045	44.56	-26.88	17.68	46.00	-28.32	peak
4	625.0780	50.61	-20.84	29.77	46.00	-16.23	peak
5 *	750.1083	51.04	-18.43	32.61	46.00	-13.39	peak
6	818.8341	45.74	-17.50	28.24	46.00	-17.76	peak

Note:

1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission (Above 1GHz)

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	BR 5M-2405MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
3210.000	62.97	-11.76	51.21	74.00	-22.79	peak	Horizontal
3227.000	49.37	-11.78	37.59	54.00	-16.41	AVG	Horizontal
6763.000	33.94	-0.62	33.32	54.00	-20.68	AVG	Horizontal
6780.000	45.11	-0.60	44.51	74.00	-29.49	peak	Horizontal
11251.000	41.79	7.45	49.24	74.00	-24.76	peak	Horizontal
11251.000	31.36	7.45	38.81	54.00	-15.19	AVG	Horizontal
3210.000	59.76	-11.76	48.00	74.00	-26.00	peak	Vertical
3227.000	46.32	-11.78	34.54	54.00	-19.46	AVG	Vertical
8004.000	43.21	1.80	45.01	74.00	-28.99	peak	Vertical
8004.000	32.80	1.80	34.60	54.00	-19.40	AVG	Vertical
11251.000	41.36	7.45	48.81	74.00	-25.19	peak	Vertical
11251.000	31.27	7.45	38.72	54.00	-15.28	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	BR 5M-2465MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
3295.000	60.50	-11.79	48.71	74.00	-25.29	peak	Horizontal
3312.000	45.57	-11.80	33.77	54.00	-20.23	AVG	Horizontal
7953.000	43.30	1.59	44.89	74.00	-29.11	peak	Horizontal
8004.000	32.91	1.80	34.71	54.00	-19.29	AVG	Horizontal
11710.000	30.95	8.13	39.08	54.00	-14.92	AVG	Horizontal
11778.000	41.60	8.17	49.77	74.00	-24.23	peak	Horizontal
2003.000	64.80	-17.21	47.59	74.00	-26.41	peak	Vertical
2020.000	46.80	-17.15	29.65	54.00	-24.35	AVG	Vertical
6236.000	45.53	-1.84	43.69	74.00	-30.31	peak	Vertical
6253.000	34.56	-1.79	32.77	54.00	-21.23	AVG	Vertical
9789.000	32.10	4.72	36.82	54.00	-17.18	AVG	Vertical
9806.000	42.87	4.76	47.63	74.00	-26.37	peak	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 5M-2405MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
3210.000	62.48	-11.76	50.72	74.00	-23.28	peak	Horizontal
3227.000	48.44	-11.78	36.66	54.00	-17.34	AVG	Horizontal
6746.000	44.35	-0.65	43.70	74.00	-30.30	peak	Horizontal
6780.000	33.70	-0.60	33.10	54.00	-20.90	AVG	Horizontal
10350.000	42.66	5.73	48.39	74.00	-25.61	peak	Horizontal
10435.000	31.56	5.87	37.43	54.00	-16.57	AVG	Horizontal
1986.000	64.03	-17.39	46.64	74.00	-27.36	peak	Vertical
2105.000	47.88	-16.79	31.09	54.00	-22.91	AVG	Vertical
6763.000	33.66	-0.62	33.04	54.00	-20.96	AVG	Vertical
6780.000	44.60	-0.60	44.00	74.00	-30.00	peak	Vertical
10911.000	40.49	6.73	47.22	74.00	-26.78	peak	Vertical
11013.000	29.84	6.93	36.77	54.00	-17.23	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 5M-2465MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
1986.000	60.09	-17.39	42.70	74.00	-31.30	peak	Horizontal
2054.000	44.33	-17.00	27.33	54.00	-26.67	AVG	Horizontal
3295.000	56.54	-11.79	44.75	74.00	-29.25	peak	Horizontal
3312.000	41.83	-11.80	30.03	54.00	-23.97	AVG	Horizontal
8701.000	43.41	2.82	46.23	74.00	-27.77	peak	Horizontal
8701.000	32.50	2.82	35.32	54.00	-18.68	AVG	Horizontal
2003.000	66.02	-17.21	48.81	74.00	-25.19	peak	Vertical
2020.000	46.52	-17.15	29.37	54.00	-24.63	AVG	Vertical
3193.000	54.19	-11.78	42.41	74.00	-31.59	peak	Vertical
3244.000	41.13	-11.77	29.36	54.00	-24.64	AVG	Vertical
8633.000	43.22	2.65	45.87	74.00	-28.13	peak	Vertical
8701.000	32.57	2.82	35.39	54.00	-18.61	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 10M-2410MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
2003.000	63.83	-17.21	46.62	74.00	-27.38	peak	Horizontal
2020.000	45.18	-17.15	28.03	54.00	-25.97	AVG	Horizontal
3210.000	60.32	-11.76	48.56	74.00	-25.44	peak	Horizontal
3227.000	46.82	-11.78	35.04	54.00	-18.96	AVG	Horizontal
9245.000	30.66	3.90	34.56	54.00	-19.44	AVG	Horizontal
9381.000	40.81	4.05	44.86	74.00	-29.14	peak	Horizontal
1544.000	45.45	-19.82	25.63	54.00	-28.37	AVG	Vertical
1595.000	64.40	-19.82	44.58	74.00	-29.42	peak	Vertical
2003.000	63.94	-17.21	46.73	74.00	-27.27	peak	Vertical
2020.000	45.82	-17.15	28.67	54.00	-25.33	AVG	Vertical
3210.000	54.85	-11.76	43.09	74.00	-30.91	peak	Vertical
3227.000	41.63	-11.78	29.85	54.00	-24.15	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 10M-2465MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
2003.000	62.90	-17.21	45.69	74.00	-28.31	peak	Horizontal
2020.000	45.11	-17.15	27.96	54.00	-26.04	AVG	Horizontal
3295.000	55.56	-11.79	43.77	74.00	-30.23	peak	Horizontal
3312.000	41.40	-11.80	29.60	54.00	-24.40	AVG	Horizontal
8633.000	44.26	2.65	46.91	74.00	-27.09	peak	Horizontal
8701.000	32.42	2.82	35.24	54.00	-18.76	AVG	Horizontal
1561.000	45.93	-19.82	26.11	54.00	-27.89	AVG	Vertical
1595.000	63.27	-19.82	43.45	74.00	-30.55	peak	Vertical
2462.000	59.49	-15.44	44.05	74.00	-29.95	peak	Vertical
2479.000	48.44	-15.32	33.12	54.00	-20.88	AVG	Vertical
7970.000	44.43	1.66	46.09	74.00	-27.91	peak	Vertical
7987.000	33.14	1.74	34.88	54.00	-19.12	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 20M-2415MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
2003.000	61.26	-17.21	44.05	74.00	-29.95	peak	Horizontal
2020.000	44.87	-17.15	27.72	54.00	-26.28	AVG	Horizontal
3227.000	60.69	-11.78	48.91	74.00	-25.09	peak	Horizontal
3244.000	47.17	-11.77	35.40	54.00	-18.60	AVG	Horizontal
6083.000	46.62	-2.27	44.35	74.00	-29.65	peak	Horizontal
6253.000	34.49	-1.79	32.70	54.00	-21.30	AVG	Horizontal
1986.000	62.53	-17.39	45.14	74.00	-28.86	peak	Vertical
2020.000	47.18	-17.15	30.03	54.00	-23.97	AVG	Vertical
3567.000	39.28	-11.13	28.15	54.00	-25.85	AVG	Vertical
3584.000	53.69	-11.07	42.62	74.00	-31.38	peak	Vertical
9789.000	31.90	4.72	36.62	54.00	-17.38	AVG	Vertical
9874.000	42.60	4.87	47.47	74.00	-26.53	peak	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 20M-2460MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
2003.000	61.03	-17.21	43.82	74.00	-30.18	peak	Horizontal
2105.000	43.79	-16.79	27.00	54.00	-27.00	AVG	Horizontal
3278.000	56.08	-11.79	44.29	74.00	-29.71	peak	Horizontal
3295.000	42.46	-11.79	30.67	54.00	-23.33	AVG	Horizontal
6729.000	44.66	-0.69	43.97	74.00	-30.03	peak	Horizontal
6763.000	33.84	-0.62	33.22	54.00	-20.78	AVG	Horizontal
2003.000	65.26	-17.21	48.05	74.00	-25.95	peak	Vertical
2037.000	47.01	-17.08	29.93	54.00	-24.07	AVG	Vertical
3584.000	59.47	-11.07	48.40	74.00	-25.60	peak	Vertical
3584.000	42.42	-11.07	31.35	54.00	-22.65	AVG	Vertical
7749.000	41.60	0.70	42.30	74.00	-31.70	peak	Vertical
7902.000	31.45	1.37	32.82	54.00	-21.18	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 40M-2415MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
1986.000	61.01	-17.39	43.62	74.00	-30.38	peak	Horizontal
2003.000	44.19	-17.21	26.98	54.00	-27.02	AVG	Horizontal
3227.000	60.02	-11.78	48.24	74.00	-25.76	peak	Horizontal
3244.000	46.49	-11.77	34.72	54.00	-19.28	AVG	Horizontal
8599.000	43.27	2.56	45.83	74.00	-28.17	peak	Horizontal
8701.000	32.30	2.82	35.12	54.00	-18.88	AVG	Horizontal
1595.000	62.85	-19.82	43.03	74.00	-30.97	peak	Vertical
1663.000	46.02	-19.71	26.31	54.00	-27.69	AVG	Vertical
2802.000	57.16	-14.04	43.12	74.00	-30.88	peak	Vertical
2819.000	42.16	-13.90	28.26	54.00	-25.74	AVG	Vertical
7987.000	44.60	1.74	46.34	74.00	-27.66	peak	Vertical
8004.000	32.78	1.80	34.58	54.00	-19.42	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

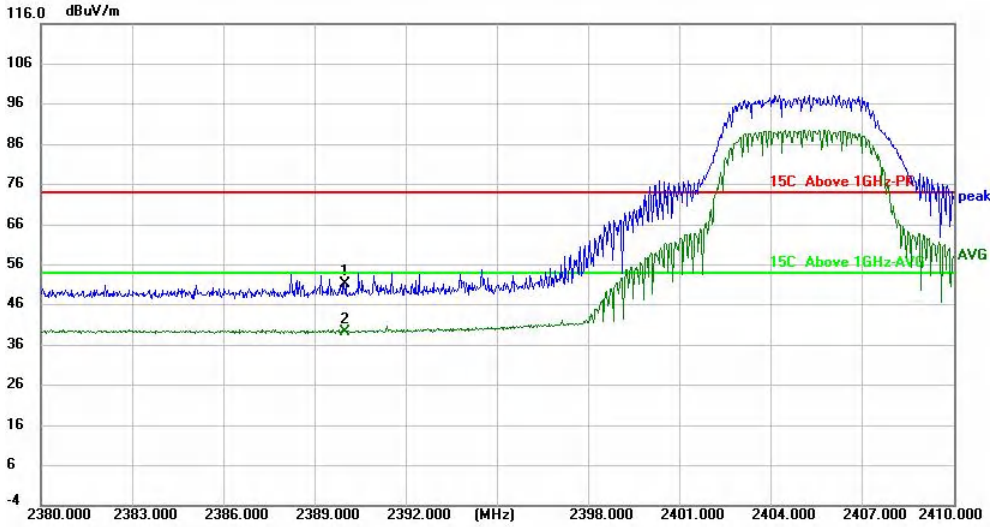
Temperature:	24℃	Relative Humidity:	53%
Test Voltage:	DC 52.22V by Battery	Test Mode:	Slot 40M-2450MHz

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
2003.000	60.44	-17.21	43.23	74.00	-30.77	peak	Horizontal
2020.000	43.92	-17.15	26.77	54.00	-27.23	AVG	Horizontal
3261.000	57.07	-11.78	45.29	74.00	-28.71	peak	Horizontal
3278.000	43.04	-11.79	31.25	54.00	-22.75	AVG	Horizontal
6763.000	44.42	-0.62	43.80	74.00	-30.20	peak	Horizontal
6763.000	33.96	-0.62	33.34	54.00	-20.66	AVG	Horizontal
1986.000	64.91	-17.39	47.52	74.00	-26.48	peak	Vertical
2037.000	46.65	-17.08	29.57	54.00	-24.43	AVG	Vertical
4825.000	47.78	-5.81	41.97	74.00	-32.03	peak	Vertical
4978.000	36.36	-5.28	31.08	54.00	-22.92	AVG	Vertical
8701.000	43.23	2.82	46.05	74.00	-27.95	peak	Vertical
8701.000	32.37	2.82	35.19	54.00	-18.81	AVG	Vertical

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

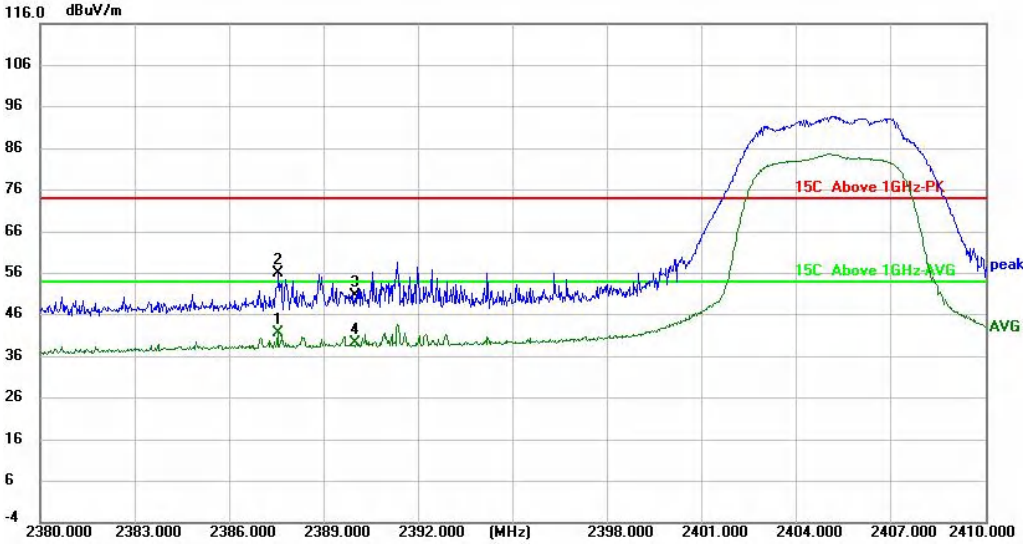
Restricted Band

BR 5M 2405MHz Horizontal



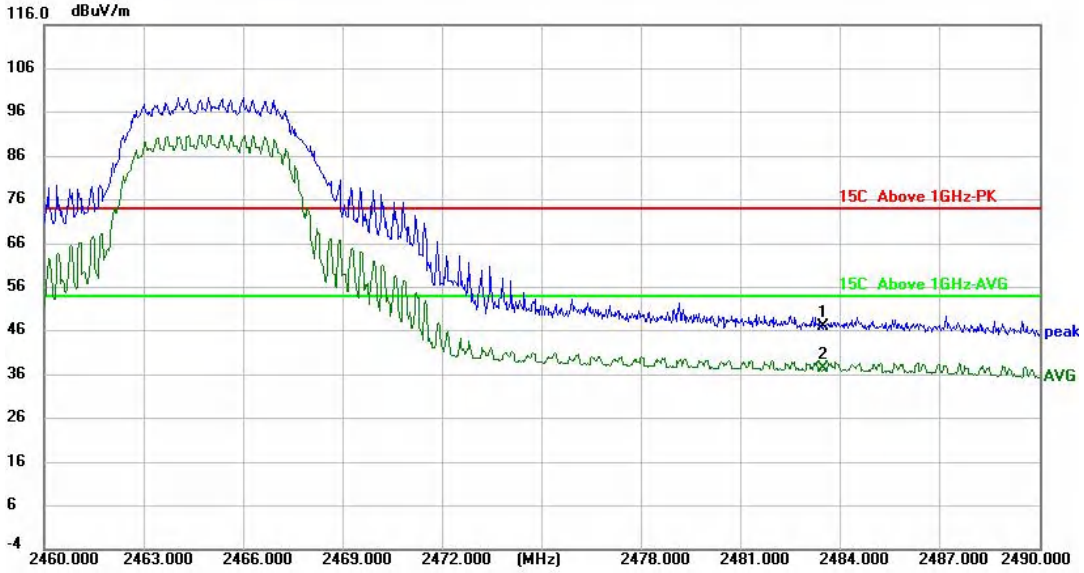
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	67.17	-15.88	51.29	74.00	-22.71	peak
2 *	2390.000	55.03	-15.88	39.15	54.00	-14.85	AVG

BR 5M 2405MHz Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	2387.530	57.65	-15.88	41.77	54.00	-12.23	AVG
2	2387.560	72.01	-15.88	56.13	74.00	-17.87	peak
3	2390.000	66.48	-15.88	50.60	74.00	-23.40	peak
4	2390.000	54.98	-15.88	39.10	54.00	-14.90	AVG

BR 5M 2465MHz Horizontal

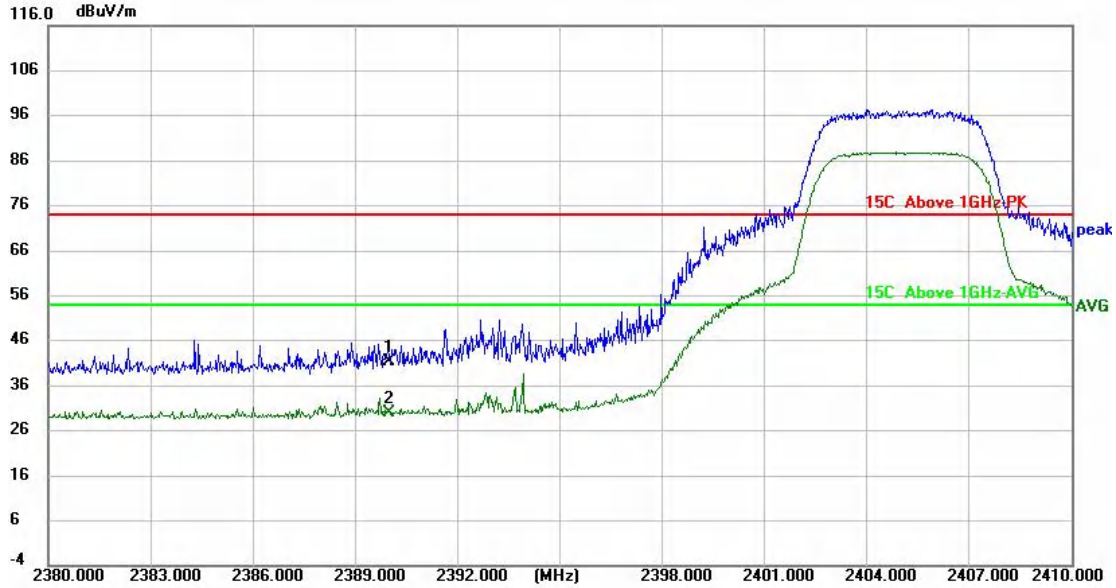


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	62.19	-15.30	46.89	74.00	-27.11	peak
2 *	2483.500	52.60	-15.30	37.30	54.00	-16.70	AVG

BR 5M 2465MHz Vertical

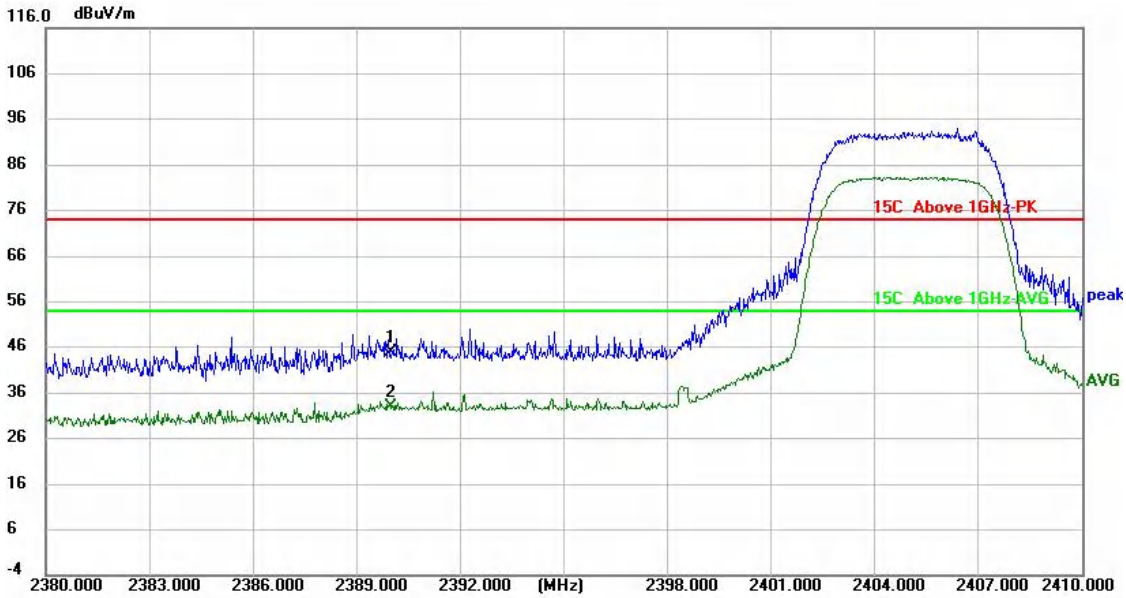
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	59.53	-15.30	44.23	74.00	-29.77	peak
2 *	2483.500	49.55	-15.30	34.25	54.00	-19.75	AVG

Slot 5M 2405MHz Horizontal



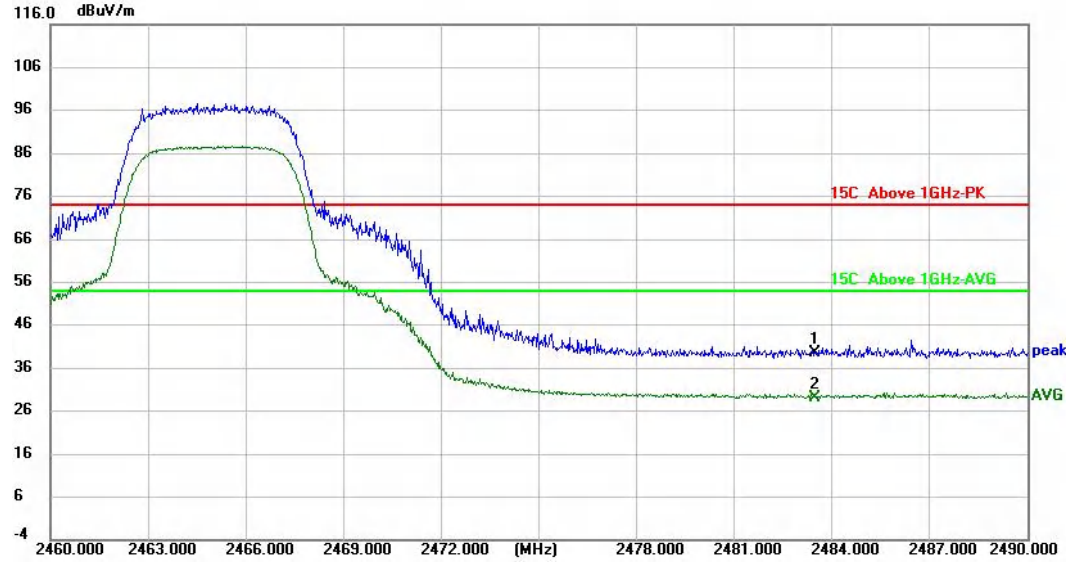
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	57.29	-15.88	41.41	74.00	-32.59	peak
2 *	2390.000	45.76	-15.88	29.88	54.00	-24.12	AVG

Slot 5M 2405MHz Vertical



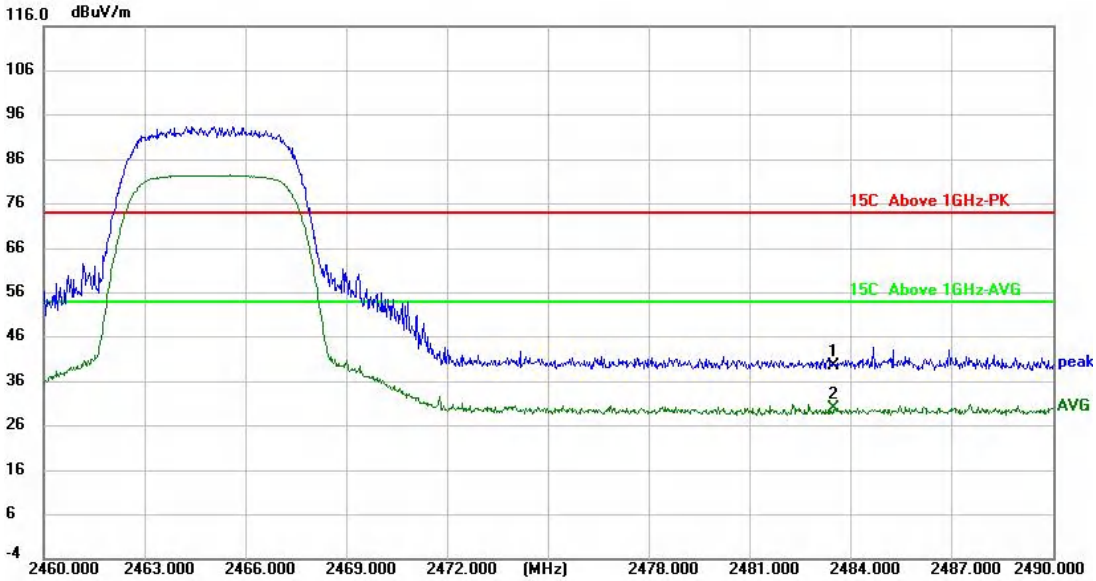
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	60.93	-15.88	45.05	74.00	-28.95	peak
2 *	2390.000	48.75	-15.88	32.87	54.00	-21.13	AVG

Slot 5M 2465MHz Horizontal



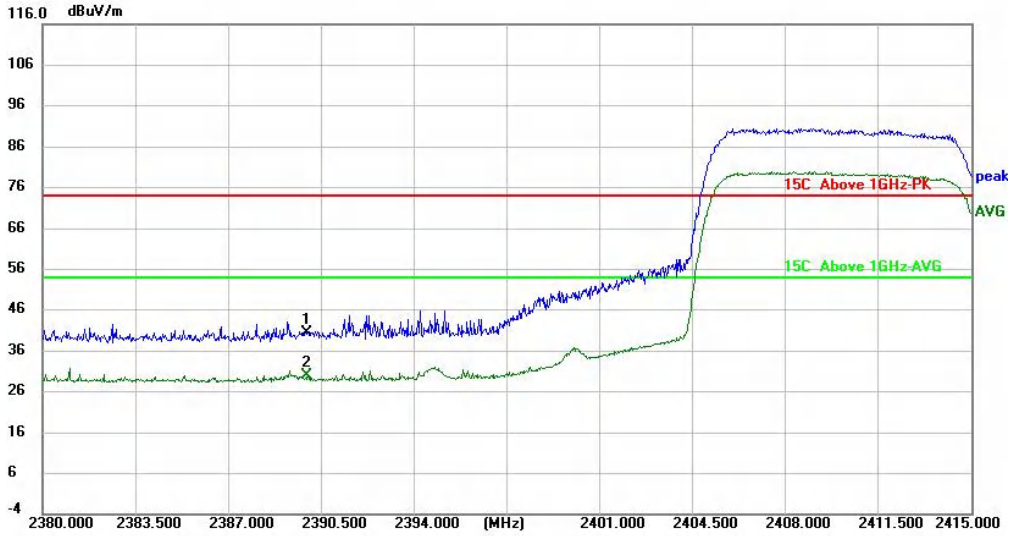
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	54.79	-15.30	39.49	74.00	-34.51	peak
2 *	2483.500	44.41	-15.30	29.11	54.00	-24.89	AVG

Slot 5M 2465MHz Vertical



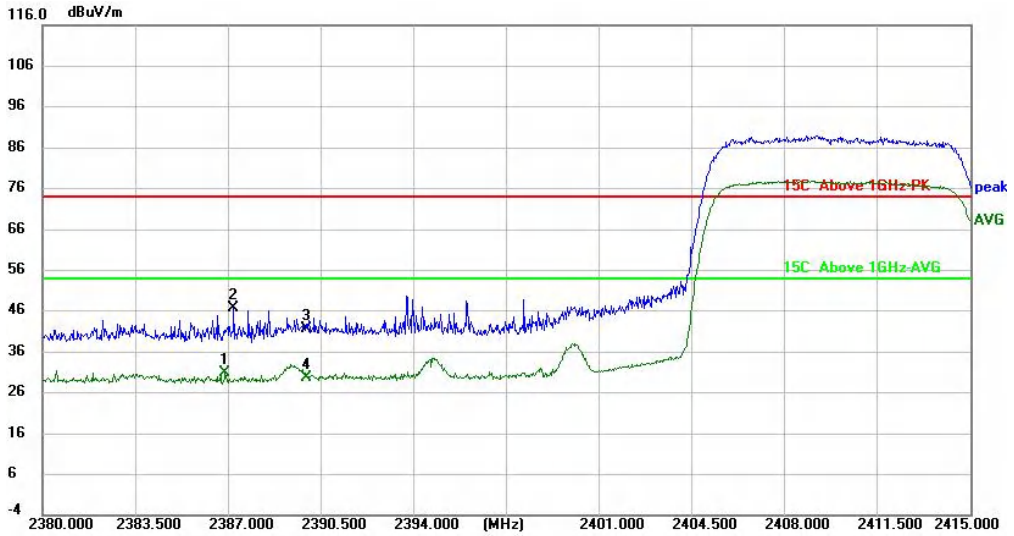
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	54.76	-15.30	39.46	74.00	-34.54	peak
2 *	2483.500	45.14	-15.30	29.84	54.00	-24.16	AVG

Slot 10M 2410MHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	56.45	-15.88	40.57	74.00	-33.43	peak
2 *	2390.000	45.70	-15.88	29.82	54.00	-24.18	AVG

Slot 10M 2410MHz Vertical

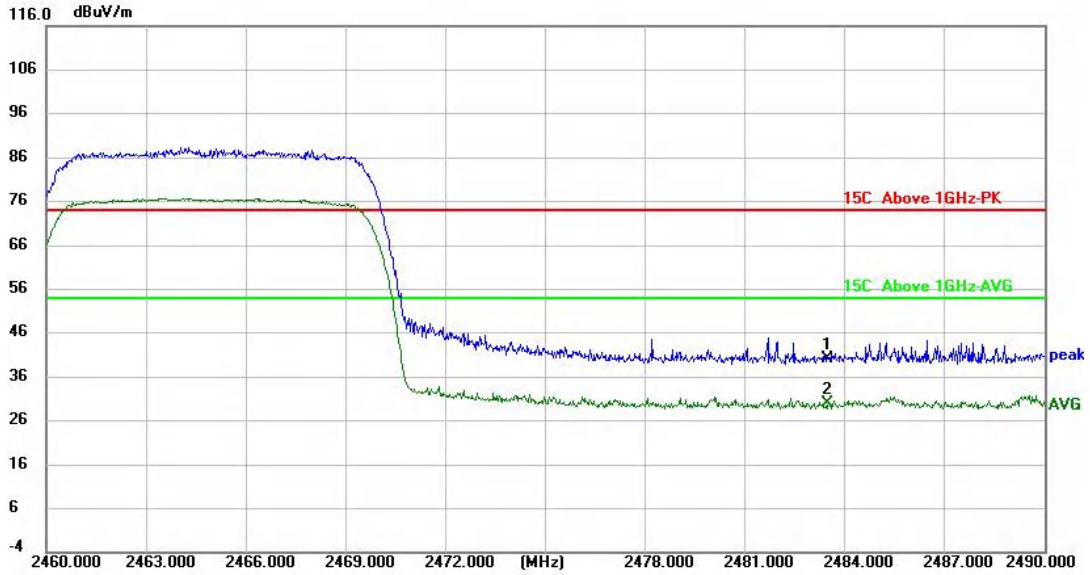


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	2386.895	46.85	-15.88	30.97	54.00	-23.03	AVG
2	2387.210	62.49	-15.88	46.61	74.00	-27.39	peak
3	2390.000	57.42	-15.88	41.54	74.00	-32.46	peak
4	2390.000	45.63	-15.88	29.75	54.00	-24.25	AVG

Slot 10M 2465MHz Horizontal

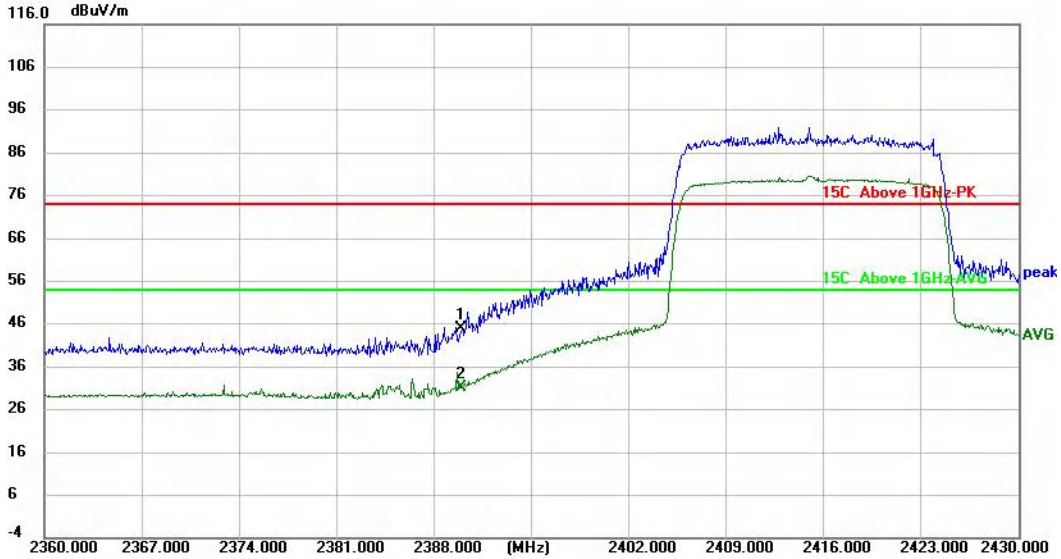
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	54.19	-15.30	38.89	74.00	-35.11	peak
2 *	2483.500	43.80	-15.30	28.50	54.00	-25.50	AVG

Slot 10M 3465MHz Vertical



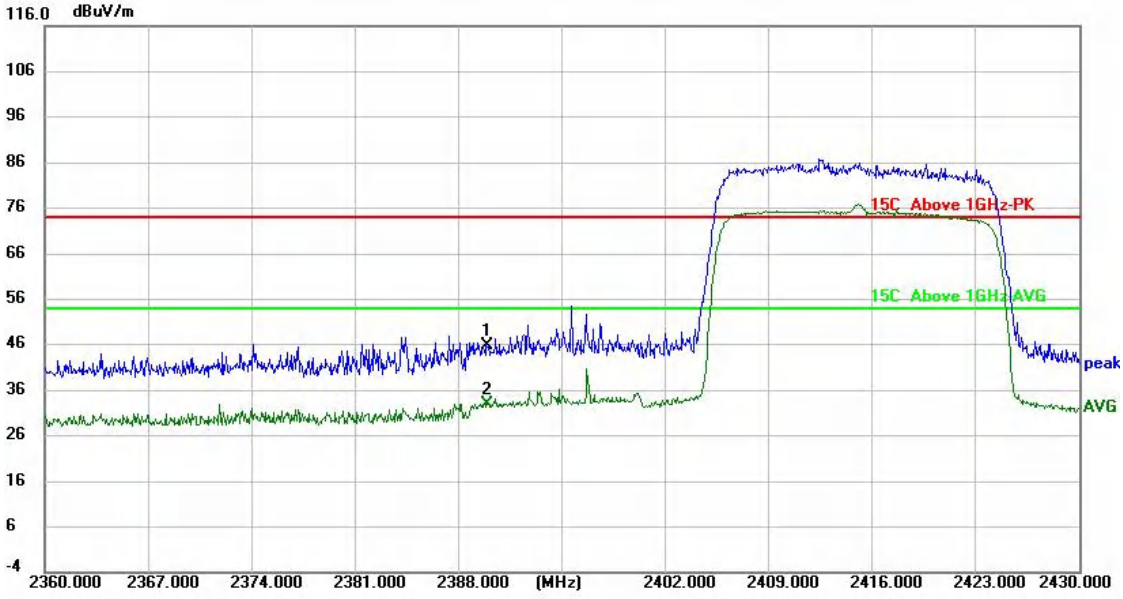
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	55.47	-15.30	40.17	74.00	-33.83	peak
2 *	2483.500	45.29	-15.30	29.99	54.00	-24.01	AVG

Slot 20M 2415MHz Horizontal



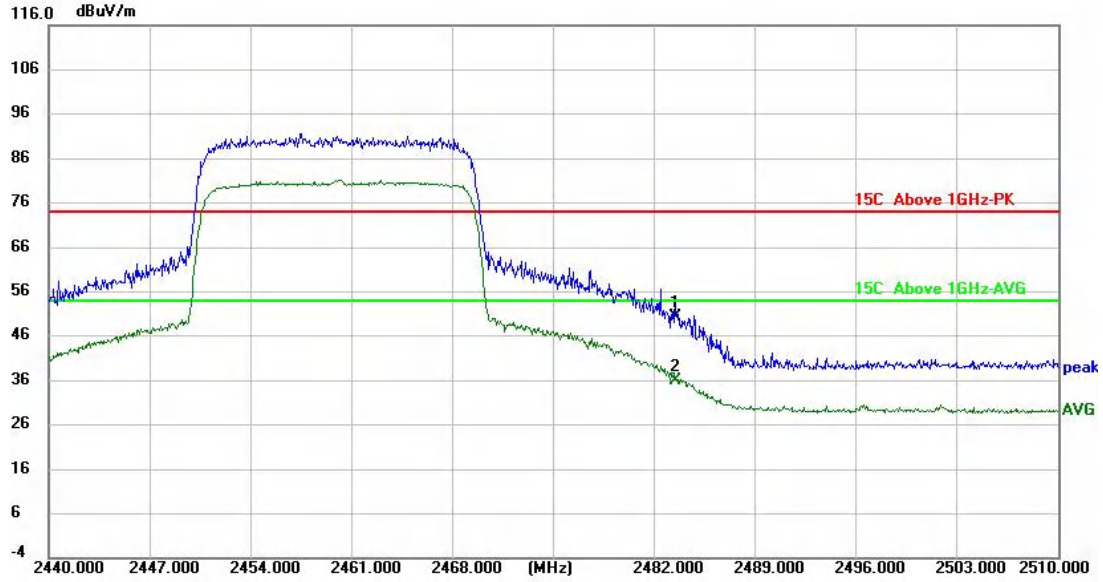
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	60.80	-15.88	44.92	74.00	-29.08	peak
2 *	2390.000	47.14	-15.88	31.26	54.00	-22.74	AVG

Slot 20M 2415MHz Vertical



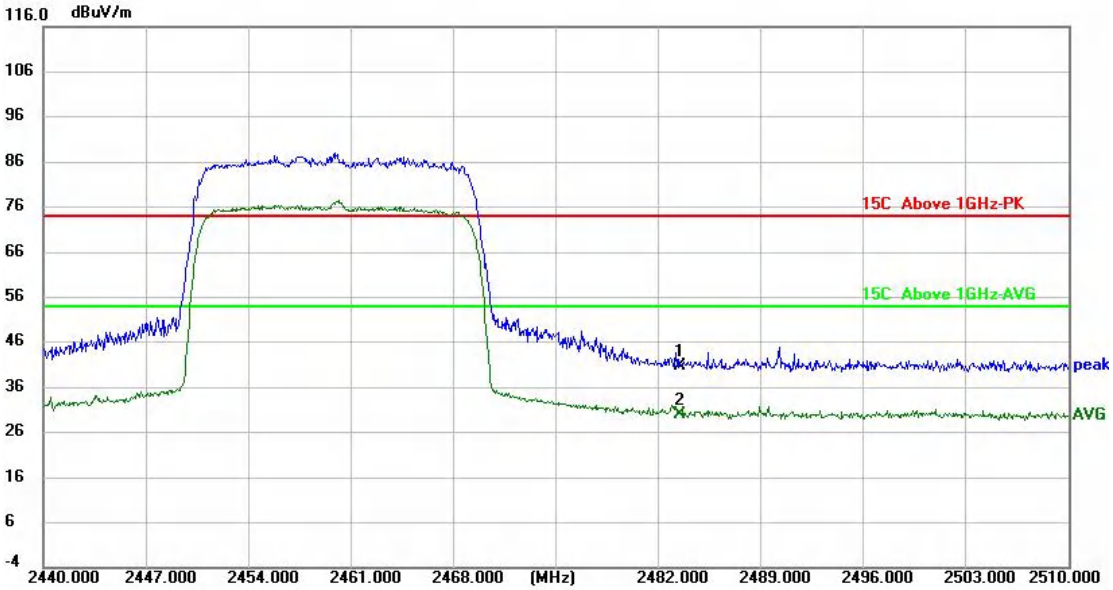
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	61.64	-15.88	45.76	74.00	-28.24	peak
2 *	2390.000	48.78	-15.88	32.90	54.00	-21.10	AVG

Slot 20M 2460MHz Horizontal



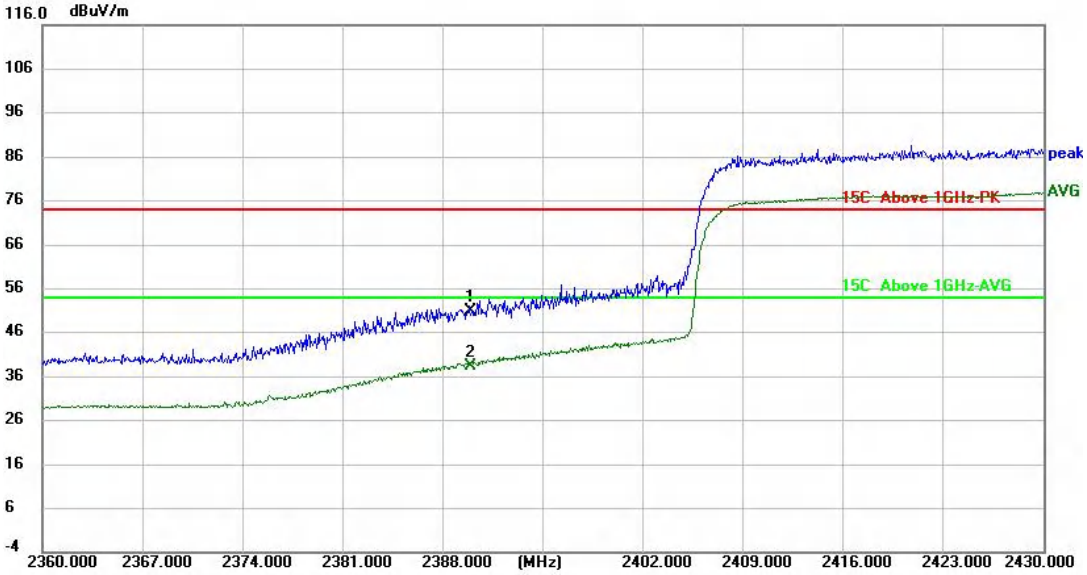
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	65.61	-15.30	50.31	74.00	-23.69	peak
2 *	2483.500	51.21	-15.30	35.91	54.00	-18.09	AVG

Slot 20M 2460MHz Vertical



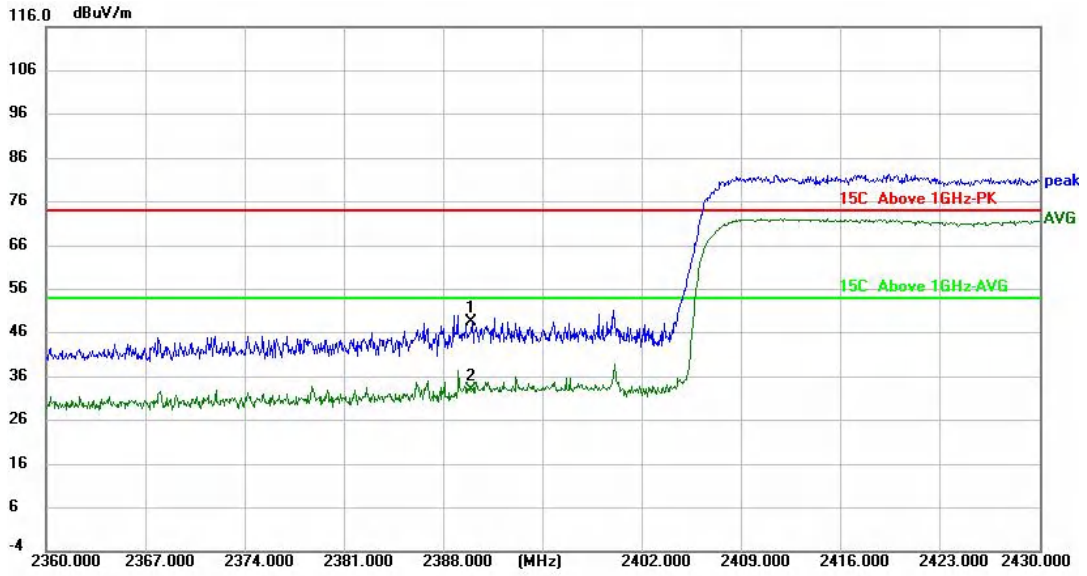
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	56.02	-15.30	40.72	74.00	-33.28	peak
2 *	2483.500	45.34	-15.30	30.04	54.00	-23.96	AVG

Slot 40M 2425MHz Horizontal



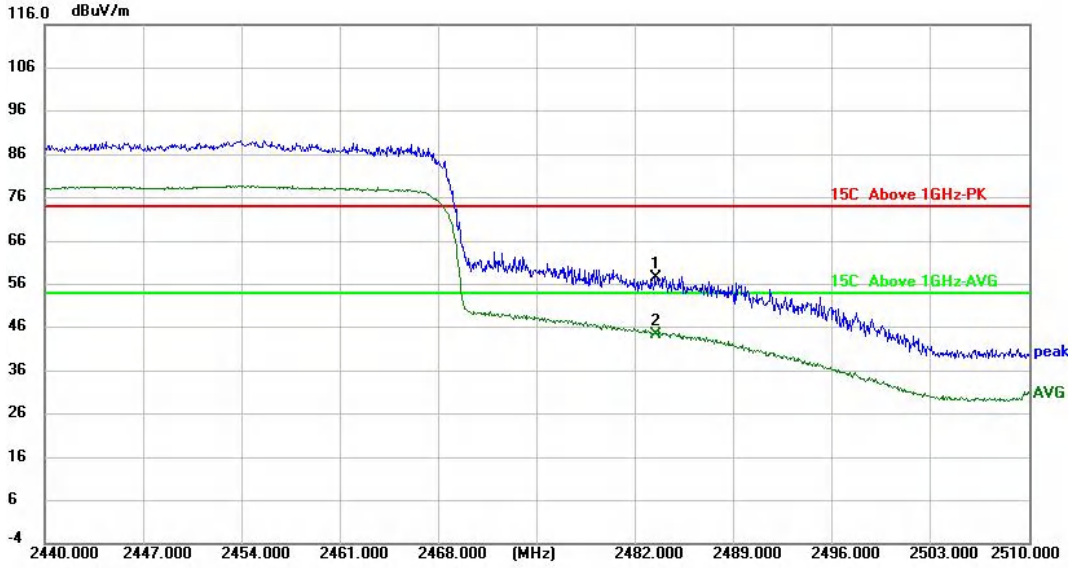
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	66.90	-15.88	51.02	74.00	-22.98	peak
2 *	2390.000	54.37	-15.88	38.49	54.00	-15.51	AVG

Slot 40M 2425MHz Vertical



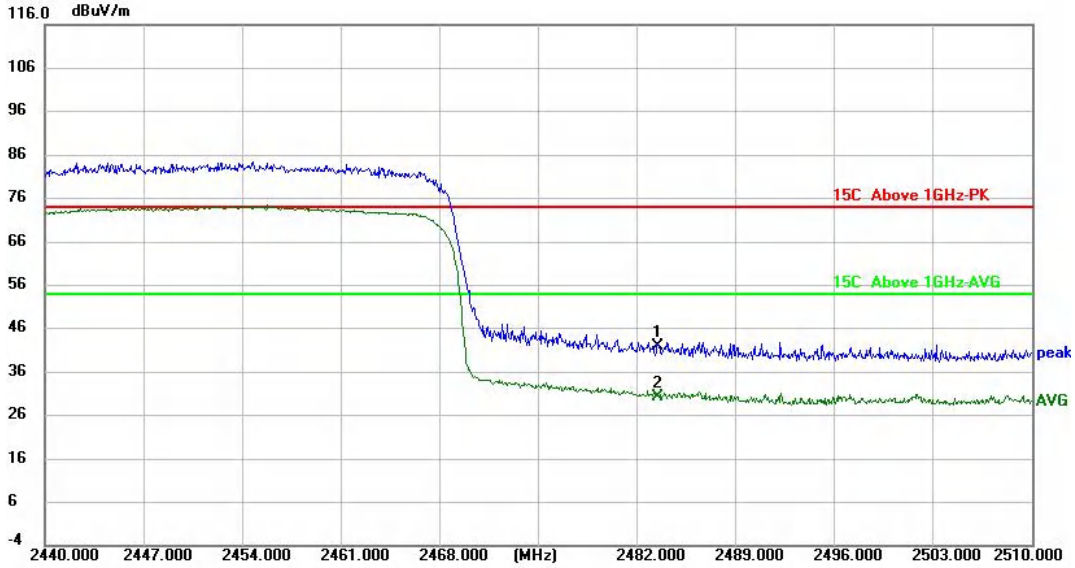
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2390.000	64.26	-15.88	48.38	74.00	-25.62	peak
2 *	2390.000	48.79	-15.88	32.91	54.00	-21.09	AVG

Slot 40M 2450MHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	72.81	-15.30	57.51	74.00	-16.49	peak
2 *	2483.500	59.71	-15.30	44.41	54.00	-9.59	AVG

Slot 40M 2450MHz Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	2483.500	57.11	-15.30	41.81	74.00	-32.19	peak
2 *	2483.500	45.69	-15.30	30.39	54.00	-23.61	AVG

8 CONDUCTED EMISSION MEASUREMENT

8.1 LIMIT

Operating frequency band. In case the emission fall within the restricted band specified on Part 207(a) limit in the table below has to be followed.

FREQUENCY (MHz)	Conducted Emissionlimit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

8.2 TEST PROCEDURE

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

a. The EUT was 0.8 meters from the horizontal ground plane and 0.4 meters from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

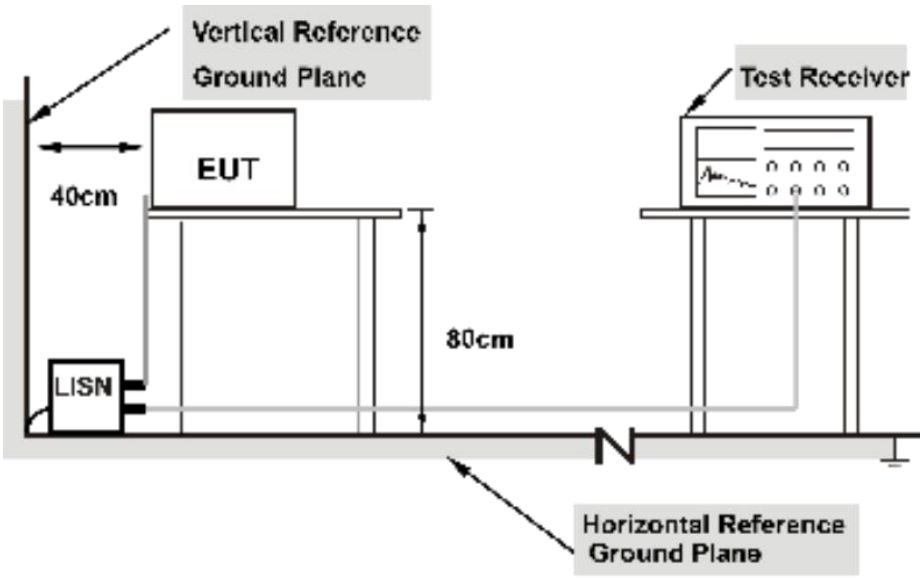
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

8.3 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

8.4 TEST RESULTS

Note:This test item is not applicable.

9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.2 RESULT

The antennas used for this product are External antenna and no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 1.9 dBi.

10. TEST SETUP PHOTOS

Please refer to the Appendix Test Setup Photos.

11. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

Please refer to the Appendix External Photos & Appendix External Photos.

※※※※※END OF THE REPORT※※※※※