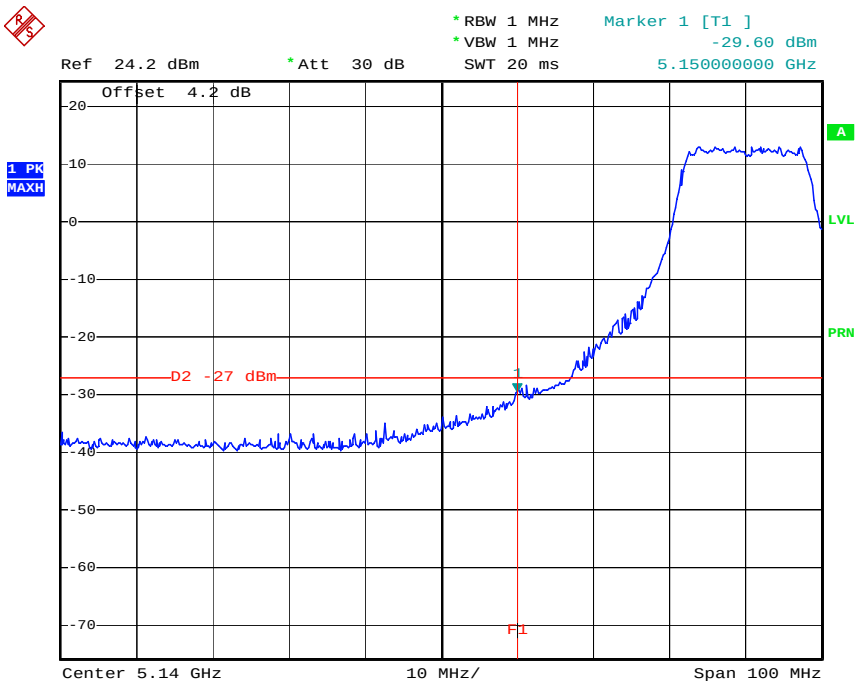
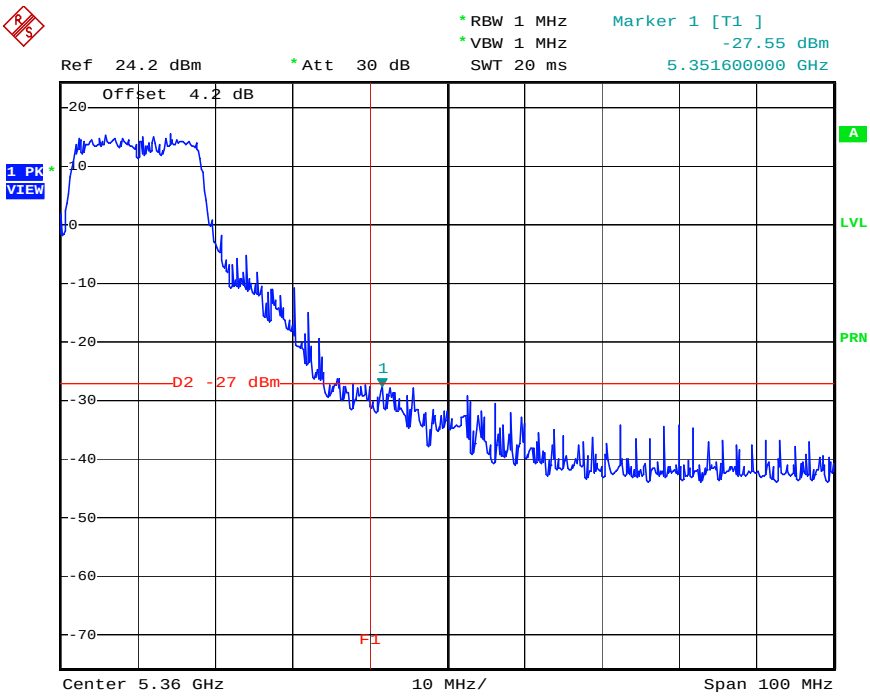
Normal Mode (Mode 4)

Channel: 01 / 5180 MHz



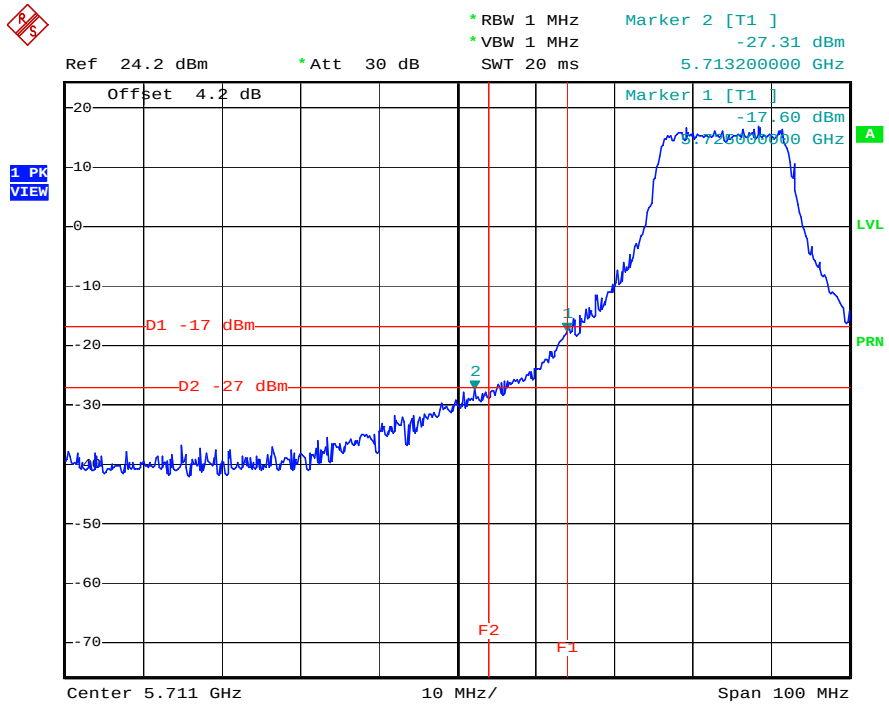
Date: 22.NOV.2004 16:23:19

Channel: 08 / 5320 MHz



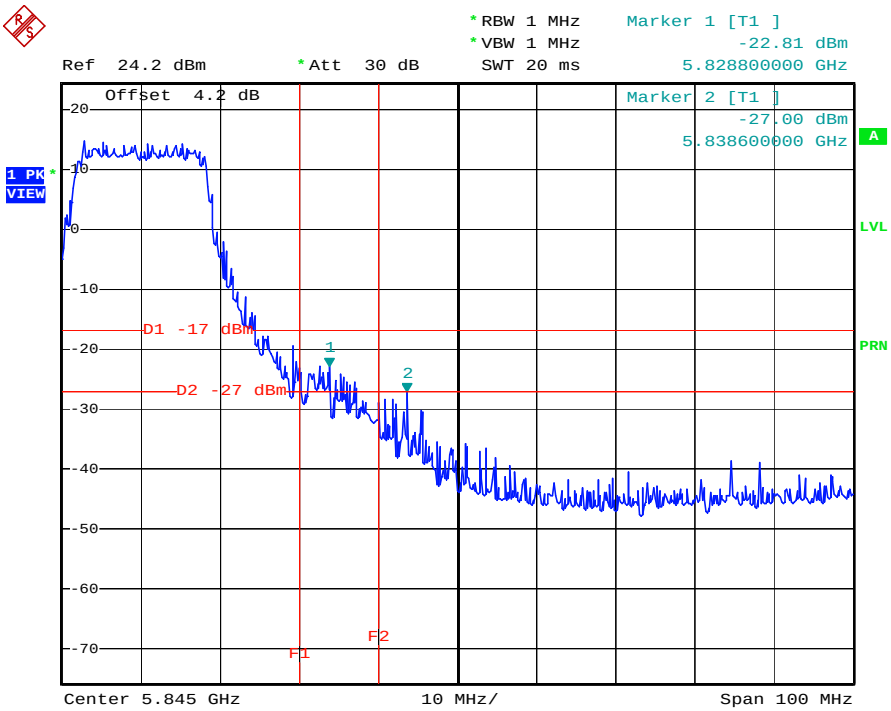
Date: 22.NOV.2004 16:25:39

Channel: 09 / 5745 MHz



Date: 22.NOV.2004 16:28:44

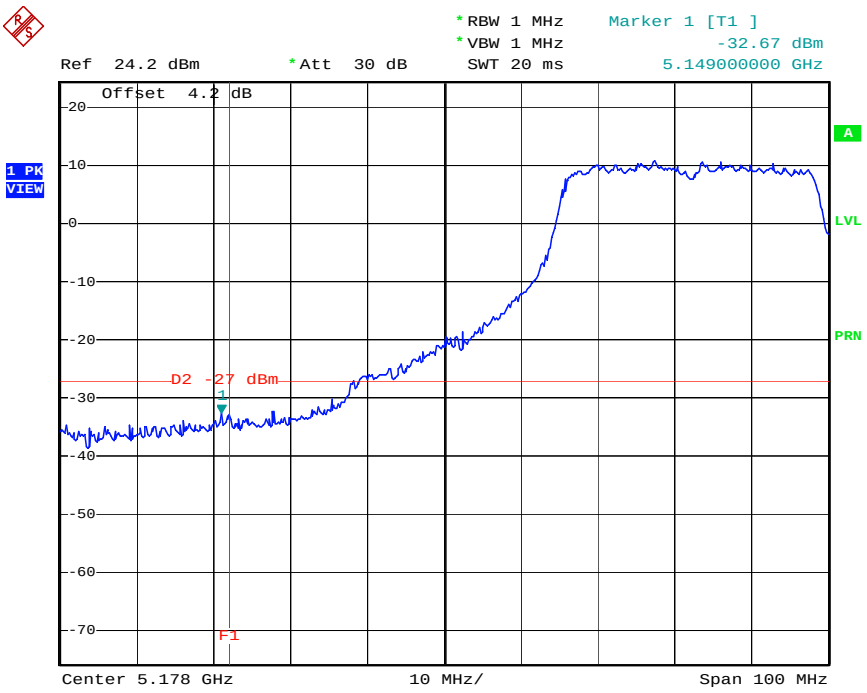
Channel: 12 / 5805 MHz



Date: 22.NOV.2004 16:31:49

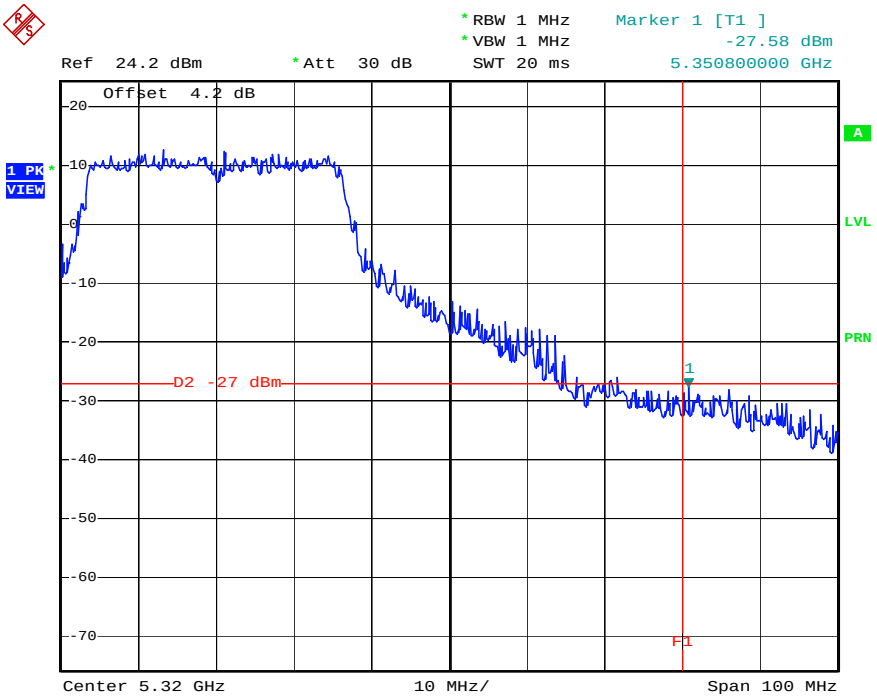
Turbo Mode (Mode 4)

Channel: 01 / 5210 MHz



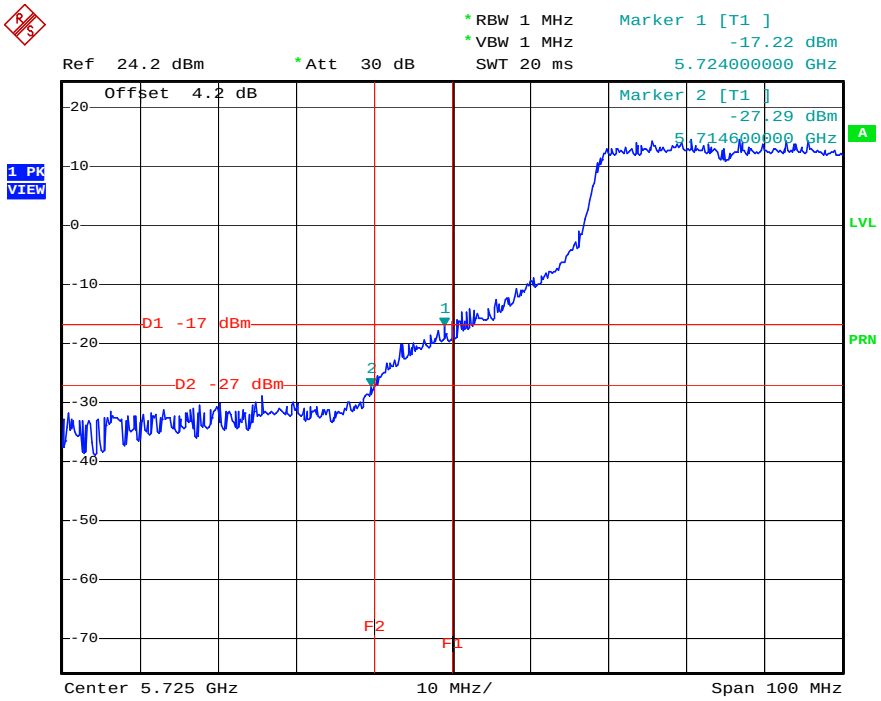
Date: 22.NOV.2004 16:17:59

Channel: 03 / 5290 MHz



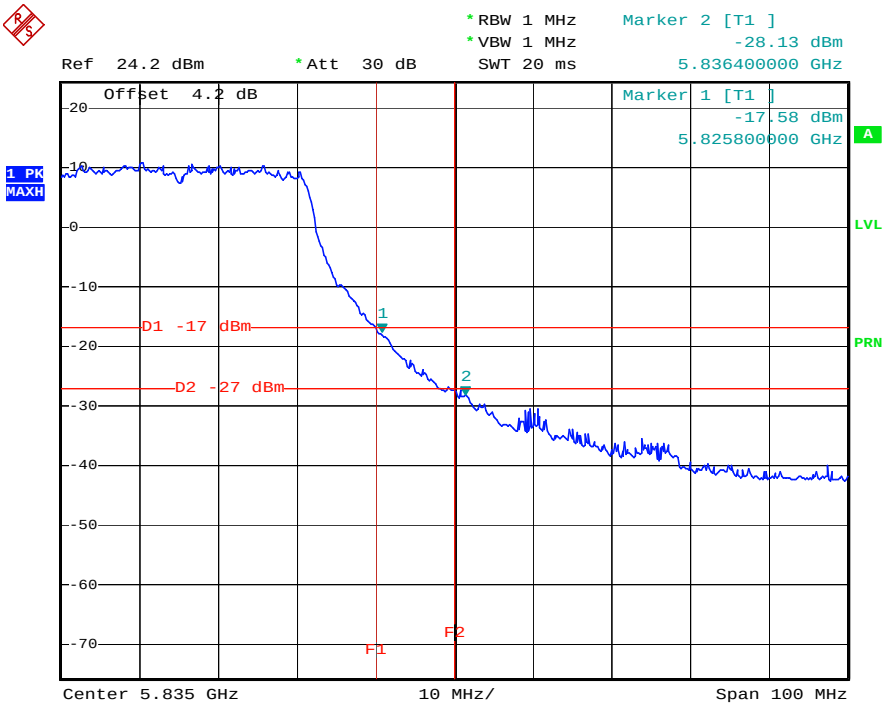
Date: 22.NOV.2004 16:15:38

Channel: 04 / 5760 MHz



Date: 22.NOV.2004 16:10:29

Channel: 05 / 5800 MHz



Date: 22.NOV.2004 16:06:50

5.6. Test of Frequency Stability

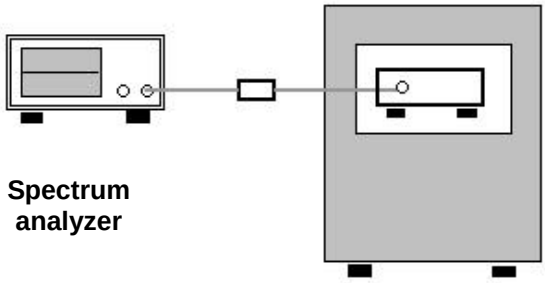
5.6.1. Measuring Instruments

Item 18 of the table is on section 6.

5.6.2. Test Procedures

1. The transmitter output is connected to the spectrum analyzer through an attenuator.
2. Set RBW of spectrum analyzer to 10kHz and VBW to 10kHz.
3. Use mark counter function to counter the peak un-modulation carrier frequency.
4. The test extreme voltage is, according to 2.1055(d)(1), is to change the primary supply voltage from 85 to 115 percent of the nominal value
5. Extreme temperature rule is, according to 2.1055(a)(1), -30˚C~50˚C.

5.6.3. Test Setup Layout



5.6.4. Test Result:

- Modulation Type: Un-Modulated Carrier
- Temperature: 25°C
- Relative Humidity: 62 %
- Duty cycle of the equipment during the test: 100%

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)	
(V)	5240.0000	5805.0000
126.50	5240.0130	5805.007
110.00	5240.013	5805.008
93.50	5240.015	5805.006
Max. Deviation (MHz)	0.0150	0.0080
Max. Deviation (ppm)	2.86	1.38

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)	
(°C)	5240.0000	5805.0000
-30	5240.016	5805.001
-20	5240.022	5805.004
-10	5240.001	5805.004
0	5239.996	5805.002
10	5239.952	5805.004
20	5239.926	5805.006
30	5239.945	5805.002
40	5239.940	5805.001
50	5239.946	5805.000
Max. Deviation (MHz)	0.0740	0.0060
Max. Deviation (ppm)	14.12	1.03

5.7. Test of AC Power Line Conducted Emission

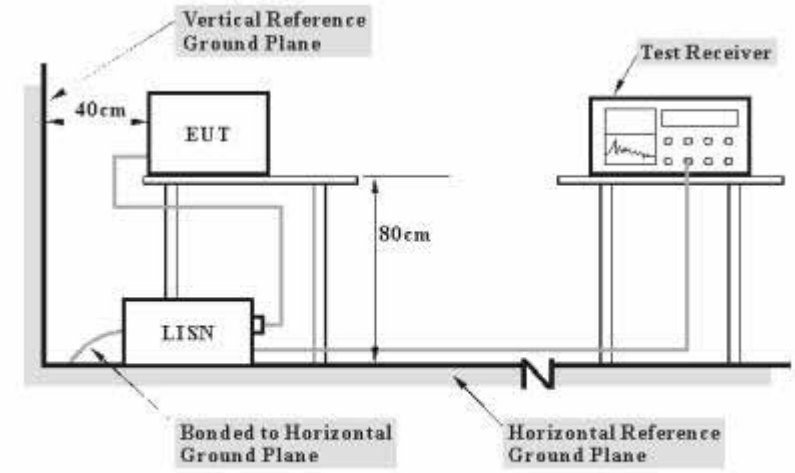
5.7.1. Measuring Instruments

Please reference item 1~5 in chapter 6 for the instruments used for testing.

5.7.2. Test Procedures

1. Configure the EUT according to ANSI C63.4.
2. The EUT has to be placed 0.4 meter far from the conducting wall of the shielding room and at least 80 centimeters from any other grounded conducting surface.
3. Connect EUT to the power mains through a line impedance stabilization network (LISN)
4. All the support units are connected to the other LISNs. The LISN should provides 50uH/50ohms coupling impedance.
5. The frequency range from 150 KHz to 30 MHz was searched.
6. Use the Channel & Power Controlling software to make the EUT working on selected channel and expected output power, then use the “H” Patter Generator software to make the supporting equipments stay on working condition.
7. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
8. The measurement has to be done between each power line and ground at the power terminal for each RF channel. Only one RF channel has to be investigated since this test is independent with the RF channel selection.

5.7.3. Test Setup Layout



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

5.7.4. Test Result of Conducted Emission

- Temperature: 26°C
- Relative Humidity: 64%
- Test Engineer: Sky Wu

Line to Ground

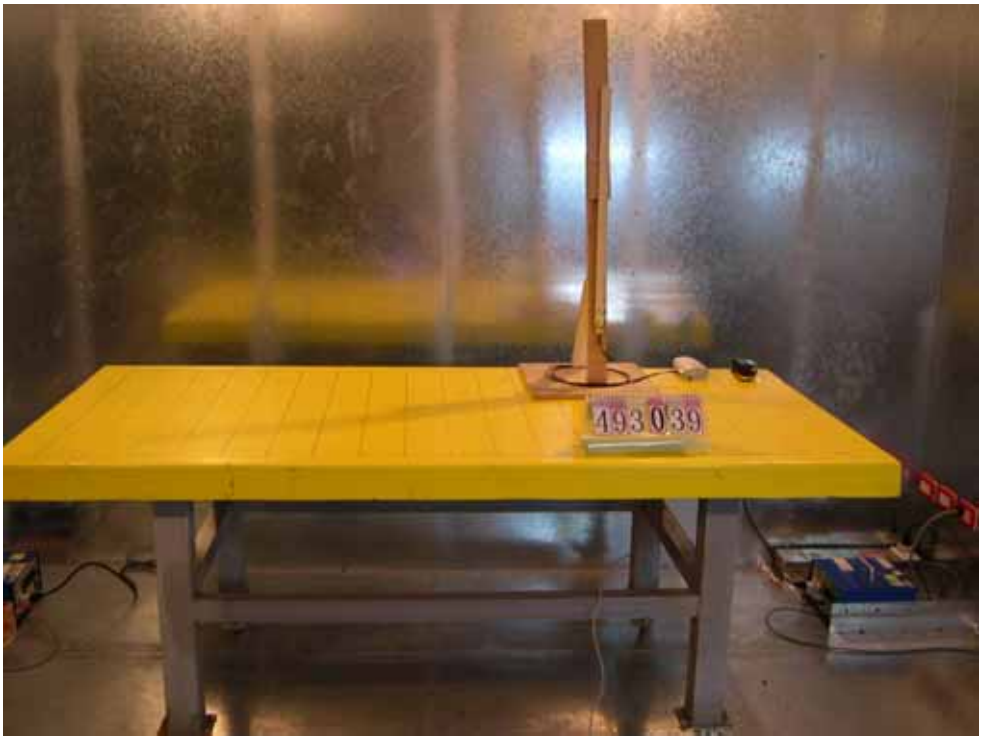
	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1500270	53.96	-12.04	66.00	53.52	0.10	0.34	
2	0.1500270	38.80	-17.20	56.00	38.36	0.10	0.34	Average
3	0.2291780	39.73	-22.75	62.48	39.59	0.10	0.04	QP
4	0.2291780	26.99	-25.49	52.48	26.85	0.10	0.04	Average
5	0.2986930	36.22	-24.06	60.28	36.00	0.10	0.12	QP
6	0.2986930	28.24	-22.04	50.28	28.02	0.10	0.12	Average
7	2.580	23.11	-22.89	46.00	22.92	0.14	0.05	Average
8	2.580	29.60	-26.40	56.00	29.41	0.14	0.05	QP
9	14.153	38.85	-21.15	60.00	37.70	0.20	0.95	QP
10	14.153	36.55	-13.45	50.00	35.40	0.20	0.95	Average
11	19.740	24.13	-35.87	60.00	23.62	0.30	0.21	QP
12	19.740	19.02	-30.98	50.00	18.51	0.30	0.21	Average

Neutral to Ground

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1758420	49.52	-15.16	64.68	49.27	0.10	0.15	QP
2	0.1758420	37.79	-16.89	54.68	37.54	0.10	0.15	Average
3	0.2630270	37.08	-24.26	61.34	36.90	0.10	0.08	QP
4	0.2630270	24.52	-26.82	51.34	24.34	0.10	0.08	Average
5	0.4389140	30.79	-26.29	57.08	30.64	0.10	0.05	QP
6	0.4389140	22.35	-24.73	47.08	22.20	0.10	0.05	Average
7	3.310	19.17	-26.83	46.00	18.99	0.10	0.08	Average
8	3.310	33.45	-22.55	56.00	33.27	0.10	0.08	QP
9	14.152	38.63	-21.37	60.00	37.48	0.20	0.95	QP
10	14.152	36.48	-13.52	50.00	35.33	0.20	0.95	Average
11	19.740	23.93	-36.07	60.00	23.42	0.30	0.21	QP
12	19.740	18.83	-31.17	50.00	18.32	0.30	0.21	Average

5.7.5. Photographs of Conducted Emission Test Configuration

FRONT VIEW



REAR VIEW

5.8. Test of Spurious Radiated Emission

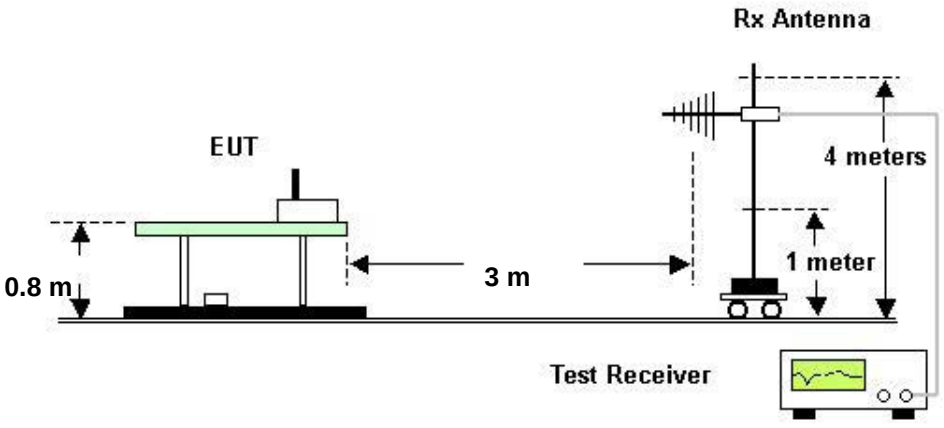
5.8.1. Measuring Instruments

Please reference item 6~17 in chapter 6 for the instruments used for testing.

5.8.2. Test Procedures

1. Configure the EUT according to ANSI C63.4.
2. The EUT was placed on the top of the turn table 0.8 meter above ground.
3. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turn table.
4. Power on the EUT and all the supporting units.
5. The turn table was rotated by 360 degrees to determine the position of the highest radiation.
6. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of both horizontal and vertical polarization.
7. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turn table was rotated (from 0 degree to 360 degrees) to find the maximum reading.
8. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
9. For emission above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
10. If the emission level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz and average method for above the 1GHz. the reported.
11. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB higher than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

5.8.3. Test Setup Layout



5.8.4. Test Results for CH 12 / 5805 MHz (for emission below 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	146.110	34.30	-9.20	43.50	47.77	12.17	2.17	27.81	Peak	---	---
2	169.740	36.53	-6.97	43.50	48.28	13.64	2.37	27.76	Peak	---	---
3	180.110	33.89	-9.61	43.50	45.00	14.20	2.43	27.74	Peak	---	---
1	332.800	39.03	-6.97	46.00	48.55	14.78	3.16	27.46	Peak	---	---
2	749.600	35.63	-10.37	46.00	38.24	21.30	4.84	28.75	Peak	---	---
3	908.800	38.21	-7.79	46.00	39.23	21.90	5.37	28.29	Peak	---	---

(B) Polarization: Vertical

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	!	30.340	35.36	-4.64	40.00	49.54	12.92	0.95	28.05	Peak	109	24
2	!	66.380	34.80	-5.20	40.00	51.34	10.06	1.37	27.97	Peak	---	---
3	!	73.860	35.36	-4.64	40.00	52.17	9.69	1.45	27.95	Peak	---	---
1		332.800	36.89	-9.11	46.00	46.41	14.78	3.16	27.46	Peak	---	---
2		499.200	34.67	-11.33	46.00	43.47	16.01	3.88	28.69	Peak	---	---
3		900.000	35.21	-10.79	46.00	36.47	21.70	5.34	28.30	Peak	---	---

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	146.110	33.45	-10.05	43.50	46.92	12.17	2.17	27.81	Peak	---	---
2	163.110	29.07	-14.43	43.50	41.58	12.94	2.32	27.77	Peak	---	---
3	180.110	33.61	-9.89	43.50	44.72	14.20	2.43	27.74	Peak	---	---
1	333.600	39.02	-6.98	46.00	48.51	14.81	3.17	27.47	Peak	---	---
2	499.200	36.02	-9.98	46.00	44.82	16.01	3.88	28.69	Peak	---	---
3	900.000	36.06	-9.94	46.00	37.32	21.70	5.34	28.30	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	34.420	33.13	-6.87	40.00	48.14	12.02	1.01	28.04	Peak	---	---
2	73.860	33.58	-6.42	40.00	50.39	9.69	1.45	27.95	Peak	118	20
3	143.220	32.47	-11.03	43.50	45.81	12.36	2.11	27.81	Peak	---	---
1	333.600	36.93	-9.07	46.00	46.42	14.81	3.17	27.47	Peak	---	---
2	499.200	35.39	-10.61	46.00	44.19	16.01	3.88	28.69	Peak	---	---
3	900.000	38.19	-7.81	46.00	39.45	21.70	5.34	28.30	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	84.740	25.32	-14.68	40.00	42.65	9.03	1.57	27.93	Peak	---	---
2	146.110	34.76	-8.74	43.50	48.23	12.17	2.17	27.81	Peak	---	---
3	180.110	34.39	-9.11	43.50	45.50	14.20	2.43	27.74	Peak	---	---
1	332.800	38.85	-7.15	46.00	48.37	14.78	3.16	27.46	Peak	---	---
2	499.200	35.21	-10.79	46.00	44.01	16.01	3.88	28.69	Peak	---	---
3	900.000	36.35	-9.65	46.00	37.61	21.70	5.34	28.30	Peak	---	---

(B) Polarization: Vertical

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	!	30.340	35.20	-4.80	40.00	49.38	12.92	0.95	28.05	Peak	103	111
2	!	73.860	34.07	-5.93	40.00	50.88	9.69	1.45	27.95	Peak	---	---
3		146.110	35.61	-7.89	43.50	49.08	12.17	2.17	27.81	Peak	---	---
1		332.800	38.29	-7.71	46.00	47.81	14.78	3.16	27.46	Peak	---	---
2		499.200	34.97	-11.03	46.00	43.77	16.01	3.88	28.69	Peak	---	---
3		900.000	38.37	-7.63	46.00	39.63	21.70	5.34	28.30	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	84.740	26.00	-14.00	40.00	43.33	9.03	1.57	27.93	Peak	---	---
2	146.110	36.47	-7.03	43.50	49.94	12.17	2.17	27.81	Peak	---	---
3	180.110	33.97	-9.53	43.50	45.08	14.20	2.43	27.74	Peak	---	---
1	333.600	38.20	-7.80	46.00	47.69	14.81	3.17	27.47	Peak	---	---
2	499.200	34.33	-11.67	46.00	43.13	16.01	3.88	28.69	Peak	---	---
3	538.400	32.24	-13.76	46.00	39.16	17.70	4.12	28.74	Peak	---	---

(B) Polarization: Vertical

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	!	73.860	35.26	-4.74	40.00	52.07	9.69	1.45	27.95	Peak	101	51
2		125.030	30.31	-13.19	43.50	43.97	12.20	1.99	27.85	Peak	---	---
3		180.110	30.88	-12.62	43.50	41.99	14.20	2.43	27.74	Peak	---	---
1		333.600	35.76	-10.24	46.00	45.25	14.81	3.17	27.47	Peak	---	---
2		499.200	35.86	-10.14	46.00	44.66	16.01	3.88	28.69	Peak	---	---
3		900.000	37.54	-8.46	46.00	38.80	21.70	5.34	28.30	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.5. Test Results for CH 12 / 5805 MHz (for emission below 1GHz)

- **Normal Mode (POE)**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	59.750	26.48	-13.52	40.00	42.19	10.52	1.29	27.52	Peak	---	---
2	98.340	33.73	-9.77	43.50	50.28	8.91	1.75	27.21	Peak	---	---
3	180.110	33.21	-10.29	43.50	43.62	14.20	2.43	27.04	Peak	---	---
1	374.400	32.87	-13.13	46.00	40.84	16.04	3.38	27.39	Peak	---	---
2	448.800	27.86	-18.14	46.00	35.64	16.41	3.71	27.90	Peak	---	---
3	903.200	36.23	-9.77	46.00	36.32	21.77	5.35	27.21	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	33.910	33.01	-6.99	40.00	47.31	12.14	1.00	27.44	Peak	101	48
2	59.070	30.69	-9.31	40.00	46.35	10.58	1.29	27.53	Peak	---	---
3	106.670	27.51	-15.99	43.50	42.89	9.97	1.84	27.19	Peak	---	---
1	374.400	32.82	-13.18	46.00	40.79	16.04	3.38	27.39	Peak	---	---
2	499.200	28.34	-17.66	46.00	36.55	16.01	3.88	28.10	Peak	---	---
3	720.000	30.56	-15.44	46.00	32.87	20.95	4.76	28.02	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	59.070	29.41	-10.59	40.00	45.07	10.58	1.29	27.53	Peak	---	---
2	89.670	36.73	-6.77	43.50	53.87	8.52	1.62	27.28	Peak	---	---
3	143.220	34.02	-9.48	43.50	46.66	12.36	2.11	27.11	Peak	---	---
1	249.600	34.67	-11.33	46.00	46.29	12.30	2.83	26.75	Peak	---	---
2	374.400	35.15	-10.85	46.00	43.12	16.04	3.38	27.39	Peak	---	---
3	810.400	33.20	-12.80	46.00	33.85	21.88	5.12	27.65	Peak	---	---

(B) Polarization: Vertical

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	!	33.910	36.70	-3.30	40.00	51.00	12.14	1.00	27.44	QP	114	94
2	!	58.390	36.54	-3.46	40.00	52.15	10.64	1.28	27.53	QP	---	---
3	!	89.670	37.83	-5.67	43.50	54.97	8.52	1.62	27.28	Peak	---	---
1		249.600	35.46	-10.54	46.00	47.08	12.30	2.83	26.75	Peak	---	---
2		374.400	32.93	-13.07	46.00	40.90	16.04	3.38	27.39	Peak	---	---
3		720.000	35.54	-10.46	46.00	37.85	20.95	4.76	28.02	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	62.980	26.23	-13.77	40.00	42.11	10.29	1.33	27.50	Peak	---	---
2	70.630	20.71	-19.29	40.00	36.94	9.78	1.42	27.43	Peak	---	---
3	99.020	29.34	-14.16	43.50	45.84	8.95	1.76	27.21	Peak	---	---
1	249.600	34.40	-11.60	46.00	46.02	12.30	2.83	26.75	Peak	---	---
2	538.400	32.06	-13.94	46.00	38.46	17.70	4.12	28.22	Peak	---	---
3 !	900.000	40.40	-5.60	46.00	40.56	21.70	5.34	27.20	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1 !	33.910	36.39	-3.61	40.00	50.69	12.14	1.00	27.44	QP	128	88
2 !	38.670	34.74	-5.26	40.00	48.77	12.41	1.05	27.49	QP	---	---
3 !	62.470	35.89	-4.11	40.00	51.74	10.33	1.32	27.50	QP	---	---
1	249.600	31.98	-14.02	46.00	43.60	12.30	2.83	26.75	Peak	---	---
2	374.400	32.64	-13.36	46.00	40.61	16.04	3.38	27.39	Peak	---	---
3	630.400	31.69	-14.31	46.00	35.05	20.49	4.46	28.31	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	61.790	24.27	-15.73	40.00	40.07	10.38	1.32	27.50	Peak	---	---
2	70.630	21.36	-18.64	40.00	37.59	9.78	1.42	27.43	Peak	---	---
3	115.510	21.18	-22.32	43.50	35.19	11.24	1.92	27.17	Peak	---	---
1	374.400	33.23	-12.77	46.00	41.20	16.04	3.38	27.39	Peak	---	---
2	499.200	34.55	-11.45	46.00	42.76	16.01	3.88	28.10	Peak	---	---
3	900.000	38.37	-7.63	46.00	38.53	21.70	5.34	27.20	Peak	---	---

(B) Polarization: Vertical

		Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	!	62.980	36.49	-3.51	40.00	52.37	10.29	1.33	27.50	Peak	125	70
2		115.510	26.40	-17.10	43.50	40.41	11.24	1.92	27.17	Peak	---	---
3		180.110	27.58	-15.92	43.50	37.99	14.20	2.43	27.04	Peak	---	---
1		249.600	35.71	-10.29	46.00	47.33	12.30	2.83	26.75	Peak	---	---
2		449.600	29.86	-16.14	46.00	37.64	16.40	3.72	27.90	Peak	---	---
3		720.000	36.52	-9.48	46.00	38.83	20.95	4.76	28.02	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.6. Test Results for CH 01 / 5180 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.52	-33.48	74.00	54.20	24.36	1.19	39.23	Peak	0	0
2	1080.000	33.19	-20.81	54.00	46.87	24.36	1.19	39.23	Average	0	0
3	10372.000	51.40	-22.60	74.00	47.11	38.90	4.01	38.62	Peak	100	100
4	10372.000	42.26	-11.74	54.00	37.97	38.90	4.01	38.62	Average	100	100
5	15336.000	55.33	-18.67	74.00	49.23	38.80	5.44	38.14	Peak	100	100
6	15336.000	44.52	-9.48	54.00	38.42	38.80	5.44	38.14	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	37.00	-37.00	74.00	50.68	24.36	1.19	39.23	Peak	0	100
2	1080.000	27.64	-26.36	54.00	41.32	24.36	1.19	39.23	Average	0	100
3	10360.000	45.84	-8.16	54.00	41.55	38.90	4.01	38.62	Average	0	100
4	10360.000	56.51	-17.49	74.00	52.22	38.90	4.01	38.62	Peak	0	100
5	15536.000	57.16	-16.84	74.00	51.04	37.77	6.34	37.99	Peak	0	100
6	15536.000	48.35	-5.65	54.00	42.23	37.77	6.34	37.99	Average	0	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	37.84	-36.16	74.00	51.52	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.96	-34.04	74.00	52.71	24.98	1.46	39.19	Peak	---	---
3	10356.000	52.65	-21.35	74.00	48.36	38.90	4.01	38.62	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.67	-35.33	74.00	52.35	24.36	1.19	39.23	Peak	---	---
2	1440.000	38.61	-35.39	74.00	51.36	24.98	1.46	39.19	Peak	---	---
3	10364.000	58.91	-15.09	74.00	54.62	38.90	4.01	38.62	Peak	---	---
4	10364.000	46.48	-7.52	54.00	42.19	38.90	4.01	38.62	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.42	-32.58	74.00	55.10	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.93	-21.07	54.00	46.61	24.36	1.19	39.23	Average	100	100
3	3452.000	46.76	-27.24	74.00	52.80	31.12	1.80	38.96	Peak	100	100
4	3452.000	37.48	-16.52	54.00	43.52	31.12	1.80	38.96	Average	100	100
5	10360.000	56.94	-17.06	74.00	52.65	38.90	4.01	38.62	Peak	100	100
6	10360.000	46.95	-7.05	54.00	42.66	38.90	4.01	38.62	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.08	-31.92	74.00	55.76	24.36	1.19	39.23	Peak	100	360
2	1080.000	32.97	-21.03	54.00	46.65	24.36	1.19	39.23	Average	100	360
3	3452.000	44.91	-29.09	74.00	50.95	31.12	1.80	38.96	Peak	100	100
4	3452.000	36.08	-17.92	54.00	42.12	31.12	1.80	38.96	Average	100	100
5	10360.000	59.73	-14.27	74.00	55.44	38.90	4.01	38.62	Peak	100	360
6	10360.000	50.55	-3.45	54.00	46.26	38.90	4.01	38.62	Average	100	360

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5091.600	47.83	-26.17	74.00	52.01	33.44	2.51	40.13	Peak	---	---
2	10360.000	44.77	-9.23	54.00	40.48	38.90	4.01	38.62	Average	---	---
3	10360.000	58.28	-15.72	74.00	53.99	38.90	4.01	38.62	Peak	---	---
4	15548.000	40.70	-13.30	54.00	34.58	37.77	6.34	37.99	Average	---	---
5	15548.000	55.21	-18.79	74.00	49.09	37.77	6.34	37.99	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4944.600	51.66	-22.34	74.00	56.13	33.21	2.47	40.15	Peak	---	---
2	10360.000	63.73	-10.27	74.00	59.44	38.90	4.01	38.62	Peak	---	---
3	10360.000	50.06	-3.94	54.00	45.77	38.90	4.01	38.62	Average	---	---
4	15544.000	56.29	-17.71	74.00	50.17	37.77	6.34	37.99	Peak	---	---
5	15544.000	42.02	-11.98	54.00	35.90	37.77	6.34	37.99	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.7. Test Results for CH 02/ 5200 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.78	-35.22	74.00	52.46	24.36	1.19	39.23	Peak	360	360
2	1080.000	27.64	-26.36	54.00	41.32	24.36	1.19	39.23	Average	360	360
3	10396.000	53.09	-20.91	74.00	48.80	38.90	4.01	38.62	Peak	360	360
4	10396.000	43.40	-10.60	54.00	39.11	38.90	4.01	38.62	Average	360	360
5	15601.900	47.83	-6.17	54.00	41.95	37.69	6.14	37.95	Average	360	360
6	15601.900	58.04	-15.96	74.00	52.16	37.69	6.14	37.95	Peak	360	360

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.33	-35.67	74.00	52.01	24.36	1.19	39.23	Peak	100	100
2	1080.000	30.10	-23.90	54.00	43.78	24.36	1.19	39.23	Average	100	100
3	10400.000	65.07	-8.93	74.00	60.78	38.90	4.01	38.62	Peak	100	100
4	10400.000	48.94	-5.06	54.00	44.65	38.90	4.01	38.62	Average	100	100
5	15592.000	63.71	-10.29	74.00	57.83	37.69	6.14	37.95	Peak	100	100
6	15592.000	53.13	-0.87	54.00	47.25	37.69	6.14	37.95	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.03	-35.97	74.00	51.71	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.48	-34.52	74.00	52.23	24.98	1.46	39.19	Peak	---	---
3	10400.000	58.69	-15.31	74.00	54.40	38.90	4.01	38.62	Peak	---	---
4	10400.000	46.26	-7.74	54.00	41.97	38.90	4.01	38.62	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.43	-35.57	74.00	52.11	24.36	1.19	39.23	Peak	---	---
2	1440.000	38.74	-35.26	74.00	51.49	24.98	1.46	39.19	Peak	---	---
3	10396.000	65.06	-8.94	74.00	60.77	38.90	4.01	38.62	Peak	---	---
4	10396.000	52.61	-1.39	54.00	48.32	38.90	4.01	38.62	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.08	-32.92	74.00	54.76	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.82	-22.18	54.00	45.50	24.36	1.19	39.23	Average	100	100
3	3464.000	47.00	-27.00	74.00	53.04	31.12	1.80	38.96	Peak	100	100
4	3464.000	38.53	-15.47	54.00	44.57	31.12	1.80	38.96	Average	100	100
5	10396.000	60.90	-13.10	74.00	56.61	38.90	4.01	38.62	Peak	100	100
6	10396.000	51.65	-2.35	54.00	47.36	38.90	4.01	38.62	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.91	-32.09	74.00	55.59	24.36	1.19	39.23	Peak	100	85
2	1080.000	32.87	-21.13	54.00	46.55	24.36	1.19	39.23	Average	100	85
3	3464.000	45.24	-28.76	74.00	51.28	31.12	1.80	38.96	Peak	100	100
4	3464.000	37.20	-16.80	54.00	43.24	31.12	1.80	38.96	Average	100	100
5	10408.000	65.38	-8.62	74.00	61.09	38.90	4.01	38.62	Peak	100	85
6	10408.000	53.65	-0.35	54.00	49.36	38.90	4.01	38.62	Average	100	85

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5091.600	47.83	-26.17	74.00	52.01	33.44	2.51	40.13	Peak	---	---
2	10360.000	44.77	-9.23	54.00	40.48	38.90	4.01	38.62	Average	---	---
3	10360.000	58.28	-15.72	74.00	53.99	38.90	4.01	38.62	Peak	---	---
4	15548.000	40.70	-13.30	54.00	34.58	37.77	6.34	37.99	Average	---	---
5	15548.000	55.21	-18.79	74.00	49.09	37.77	6.34	37.99	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4994.400	51.50	-22.50	74.00	55.94	33.27	2.44	40.15	Peak	---	---
2	10408.000	61.66	-12.34	74.00	57.37	38.90	4.01	38.62	Peak	---	---
3	10408.000	49.35	-4.65	54.00	45.06	38.90	4.01	38.62	Average	---	---
4	15600.000	53.11	-20.89	74.00	47.23	37.69	6.14	37.95	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.8. Test Results for CH 04 / 5240 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.64	-33.36	74.00	54.32	24.36	1.19	39.23	Peak	0	0
2	1080.000	30.58	-23.42	54.00	44.26	24.36	1.19	39.23	Average	0	0
3	10480.000	54.88	-19.12	74.00	51.35	38.90	3.25	38.62	Peak	0	0
4	10480.000	45.42	-8.58	54.00	41.89	38.90	3.25	38.62	Average	0	0
5	15724.000	60.58	-13.42	74.00	54.59	37.44	6.37	37.82	Peak	0	0
6	15724.000	47.31	-6.69	54.00	41.32	37.44	6.37	37.82	Average	0	0

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.25	-35.75	74.00	51.93	24.36	1.19	39.23	Peak	100	100
2	1080.000	30.15	-23.85	54.00	43.83	24.36	1.19	39.23	Average	100	100
3	10480.000	64.31	-9.69	74.00	60.78	38.90	3.25	38.62	Peak	100	100
4	10480.000	51.75	-2.25	54.00	48.22	38.90	3.25	38.62	Average	100	100
5	15724.000	53.55	-0.45	54.00	47.56	37.44	6.37	37.82	Average	100	100
6	15724.000	68.64	-5.36	74.00	62.65	37.44	6.37	37.82	Peak	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.37	-33.63	74.00	54.05	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.99	-34.01	74.00	52.74	24.98	1.46	39.19	Peak	---	---
3	10480.000	59.43	-14.57	74.00	55.90	38.90	3.25	38.62	Peak	---	---
4	10480.000	46.09	-7.91	54.00	42.56	38.90	3.25	38.62	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.37	-35.63	74.00	52.05	24.36	1.19	39.23	Peak	---	---
2	1260.000	38.18	-35.82	74.00	51.31	24.70	1.38	39.21	Peak	---	---
3	10480.000	63.58	-10.42	74.00	60.05	38.90	3.25	38.62	Peak	---	---
4	10480.000	51.55	-2.45	54.00	48.02	38.90	3.25	38.62	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.53	-33.47	74.00	54.21	24.36	1.19	39.23	Peak	100	100
2	1080.000	29.56	-24.44	54.00	43.24	24.36	1.19	39.23	Average	100	100
3	3492.000	46.07	-27.93	74.00	51.88	31.20	1.92	38.93	Peak	100	100
4	3492.000	37.41	-16.59	54.00	43.22	31.20	1.92	38.93	Average	100	100
5	10480.000	44.85	-29.15	74.00	41.32	38.90	3.25	38.62	Peak	100	100
6	10480.000	36.74	-17.26	54.00	33.21	38.90	3.25	38.62	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.94	-32.06	74.00	55.62	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.93	-21.07	54.00	46.61	24.36	1.19	39.23	Average	100	100
3	3492.000	45.03	-28.97	74.00	50.84	31.20	1.92	38.93	Peak	100	100
4	3492.000	35.85	-18.15	54.00	41.66	31.20	1.92	38.93	Average	100	100
5	10480.000	48.08	-25.92	74.00	44.55	38.90	3.25	38.62	Peak	100	100
6	10480.000	38.72	-15.28	54.00	35.19	38.90	3.25	38.62	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5002.800	47.53	-26.47	74.00	51.73	33.32	2.63	40.15	Peak	---	---
2	10484.000	55.68	-18.32	74.00	52.15	38.90	3.25	38.62	Peak	---	---
3	10484.000	43.13	-10.87	54.00	39.60	38.90	3.25	38.62	Average	---	---
4	15720.000	54.92	-19.08	74.00	49.09	37.50	6.18	37.85	Peak	---	---
5	15720.000	42.30	-11.70	54.00	36.47	37.50	6.18	37.85	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4999.200	50.54	-23.46	74.00	54.74	33.32	2.63	40.15	Peak	---	---
2	10480.000	61.63	-12.37	74.00	58.10	38.90	3.25	38.62	Peak	---	---
3	10480.000	48.66	-5.34	54.00	45.13	38.90	3.25	38.62	Average	---	---
4	15712.000	55.53	-18.47	74.00	49.70	37.50	6.18	37.85	Peak	---	---
5	15712.000	42.82	-11.18	54.00	36.99	37.50	6.18	37.85	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.9. Test Results for CH 05 / 5260 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.79	-33.21	74.00	54.47	24.36	1.19	39.23	Peak	0	0
2	1080.000	32.18	-21.82	54.00	45.86	24.36	1.19	39.23	Average	0	0
3	10520.000	58.82	-15.18	74.00	55.11	38.90	3.43	38.62	Peak	100	100
4	10520.000	49.39	-4.61	54.00	45.68	38.90	3.43	38.62	Average	100	100
5	15776.000	63.62	-10.38	74.00	57.64	37.39	6.39	37.80	Peak	100	100
6	15776.000	51.23	-2.77	54.00	45.25	37.39	6.39	37.80	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1440.000	40.25	-33.75	74.00	53.00	24.98	1.46	39.19	Peak	360	360
2	1440.000	31.22	-22.78	54.00	43.97	24.98	1.46	39.19	Average	360	360
3	10520.000	53.09	-20.91	74.00	49.38	38.90	3.43	38.62	Peak	360	360
4	10520.000	42.83	-11.17	54.00	39.12	38.90	3.43	38.62	Average	360	360
5	15788.000	66.03	-7.97	74.00	60.05	37.39	6.39	37.80	Peak	360	360
6	15788.000	53.78	-0.22	54.00	47.80	37.39	6.39	37.80	Average	360	360

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.55	-33.45	74.00	54.23	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.62	-34.38	74.00	52.37	24.98	1.46	39.19	Peak	---	---
3	10532.000	64.17	-9.83	74.00	60.46	38.90	3.43	38.62	Peak	---	---
4	10532.000	52.26	-1.74	54.00	48.55	38.90	3.43	38.62	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.54	-35.46	74.00	52.22	24.36	1.19	39.23	Peak	---	---
2	1440.000	38.68	-35.32	74.00	51.43	24.98	1.46	39.19	Peak	---	---
3	10524.000	64.26	-9.74	74.00	60.55	38.90	3.43	38.62	Peak	---	---
4	10524.000	51.27	-2.73	54.00	47.56	38.90	3.43	38.62	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.91	-33.09	74.00	54.59	24.36	1.19	39.23	Peak	100	360
2	1080.000	31.93	-22.07	54.00	45.61	24.36	1.19	39.23	Average	100	360
3	1440.000	39.85	-34.15	74.00	52.60	24.98	1.46	39.19	Peak	100	233
4	1440.000	30.76	-23.24	54.00	43.51	24.98	1.46	39.19	Average	100	233
5	10528.000	67.15	-6.85	74.00	63.44	38.90	3.43	38.62	Peak	100	360
6	10528.000	51.16	-2.84	54.00	47.45	38.90	3.43	38.62	Average	100	360

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.10	-32.90	74.00	54.78	24.36	1.19	39.23	Peak	100	215
2	1080.000	32.96	-21.04	54.00	46.64	24.36	1.19	39.23	Average	100	215
3	1440.000	38.55	-35.45	74.00	51.30	24.98	1.46	39.19	Peak	100	100
4	1440.000	30.46	-23.54	54.00	43.21	24.98	1.46	39.19	Average	100	100
5	10516.000	70.12	-3.88	74.00	66.41	38.90	3.43	38.62	Peak	100	215
6	10516.000	52.42	-1.58	54.00	48.71	38.90	3.43	38.62	Average	100	215

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.79	-33.21	74.00	54.47	24.36	1.19	39.23	Peak	0	0
2	10520.000	58.82	-15.18	74.00	55.11	38.90	3.43	38.62	Peak	100	100
3	10520.000	49.39	-4.61	54.00	45.68	38.90	3.43	38.62	Average	100	100
4	15776.000	63.62	-10.38	74.00	57.64	37.39	6.39	37.80	Peak	100	100
5	15776.000	51.23	-2.77	54.00	45.25	37.39	6.39	37.80	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1440.000	40.25	-33.75	74.00	53.00	24.98	1.46	39.19	Peak	360	360
2	10520.000	53.85	-20.15	74.00	50.14	38.90	3.43	38.62	Peak	360	360
3	10520.000	43.28	-10.72	54.00	39.57	38.90	3.43	38.62	Average	360	360
4	15788.000	65.95	-8.05	74.00	59.97	37.39	6.39	37.80	Peak	360	360
5	15788.000	53.67	-0.33	54.00	47.69	37.39	6.39	37.80	Average	360	360

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.10. Test Results for CH 06 / 5280 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.17	-32.83	74.00	54.85	24.36	1.19	39.23	Peak	0	0
2	1080.000	37.53	-16.47	54.00	51.21	24.36	1.19	39.23	Average	0	0
3	10564.000	63.46	-10.54	74.00	59.59	38.88	3.60	38.61	Peak	0	0
4	10564.000	51.98	-2.02	54.00	48.11	38.88	3.60	38.61	Average	0	0
5	15836.000	65.74	-8.26	74.00	59.85	37.33	6.32	37.76	Peak	0	0
6	15836.000	52.90	-1.10	54.00	47.01	37.33	6.32	37.76	Average	0	0

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.16	-35.84	74.00	51.84	24.36	1.19	39.23	Peak	---	---
2	1080.000	34.18	-19.82	54.00	47.86	24.36	1.19	39.23	Average	---	---
3	10564.000	51.09	-22.91	74.00	47.22	38.88	3.60	38.61	Peak	---	---
4	10564.000	48.75	-5.25	54.00	44.88	38.88	3.60	38.61	Average	---	---
5	15844.000	65.03	-8.97	74.00	59.25	37.25	6.25	37.72	Peak	---	---
6	15844.000	53.73	-0.27	54.00	47.95	37.25	6.25	37.72	Average	---	---

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.74	-34.26	74.00	53.42	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.60	-34.40	74.00	52.35	24.98	1.46	39.19	Peak	---	---
3	10560.000	59.32	-14.68	74.00	55.45	38.88	3.60	38.61	Peak	---	---
4	10560.000	46.51	-7.49	54.00	42.64	38.88	3.60	38.61	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.06	-34.94	74.00	52.74	24.36	1.19	39.23	Peak	---	---
2	1440.000	39.51	-34.49	74.00	52.26	24.98	1.46	39.19	Peak	---	---
3	10560.000	64.05	-9.95	74.00	60.18	38.88	3.60	38.61	Peak	---	---
4	10560.000	52.45	-1.55	54.00	48.58	38.88	3.60	38.61	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.97	-33.03	74.00	54.65	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.96	-21.04	54.00	46.64	24.36	1.19	39.23	Average	---	100
3	4972.000	53.71	-20.29	74.00	58.15	33.27	2.44	40.15	Peak	100	210
4	4972.000	47.18	-6.82	54.00	51.62	33.27	2.44	40.15	Average	100	210
5	10560.000	46.97	-27.03	74.00	43.10	38.88	3.60	38.61	Peak	---	100
6	10560.000	38.19	-15.81	54.00	34.32	38.88	3.60	38.61	Average	---	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.09	-31.91	74.00	55.77	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.29	-20.71	54.00	46.97	24.36	1.19	39.23	Average	100	100
3	4976.000	57.90	-16.10	74.00	62.34	33.27	2.44	40.15	Peak	100	100
4	4976.000	53.55	-0.45	54.00	57.99	33.27	2.44	40.15	Average	100	100
5	10560.000	49.62	-24.38	74.00	45.75	38.88	3.60	38.61	Peak	100	100
6	10560.000	40.11	-13.89	54.00	36.24	38.88	3.60	38.61	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.17	-32.83	74.00	54.85	24.36	1.19	39.23	Peak	0	0
2	10564.000	63.86	-10.14	74.00	59.99	38.88	3.60	38.61	Peak	---	---
3	10564.000	52.90	-1.10	54.00	49.03	38.88	3.60	38.61	Average	0	0
4	15836.000	65.36	-8.64	74.00	59.47	37.33	6.32	37.76	Peak	0	0
5	15836.000	53.14	-0.86	54.00	47.25	37.33	6.32	37.76	Average	0	0

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.31	-35.69	74.00	51.99	24.36	1.19	39.23	Peak	---	---
2	10564.000	52.70	-21.30	74.00	48.83	38.88	3.60	38.61	Peak	---	---
3	10564.000	47.63	-6.37	54.00	43.76	38.88	3.60	38.61	Average	---	---
4	15844.000	65.65	-8.35	74.00	59.87	37.25	6.25	37.72	Peak	---	---
5	15844.000	53.76	-0.24	54.00	47.98	37.25	6.25	37.72	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.11. Test Results for CH 08 / 5320 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.62	-33.38	74.00	54.30	24.36	1.19	39.23	Peak	360	360
2	1080.000	35.09	-18.91	54.00	48.77	24.36	1.19	39.23	Average	360	360
3	10640.000	53.17	-20.83	74.00	48.91	38.84	4.03	38.61	Peak	100	100
4	10640.000	44.76	-9.24	54.00	40.50	38.84	4.03	38.61	Average	100	100
5	15560.000	54.92	-19.08	74.00	48.80	37.77	6.34	37.99	Peak	100	100
6	15560.000	50.69	-3.31	54.00	44.57	37.77	6.34	37.99	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.09	-34.91	74.00	52.77	24.36	1.19	39.23	Peak	---	---
2	1080.000	33.61	-20.39	54.00	47.29	24.36	1.19	39.23	Average	---	---
3	10640.000	48.96	-5.04	54.00	44.70	38.84	4.03	38.61	Average	100	100
4	10640.000	60.16	-13.84	74.00	55.90	38.84	4.03	38.61	Peak	100	100
5	15956.000	50.46	-3.54	54.00	44.86	37.14	6.12	37.66	Average	100	100
6	15956.000	59.21	-14.79	74.00	53.61	37.14	6.12	37.66	Peak	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.71	-34.29	74.00	53.39	24.36	1.19	39.23	Peak	---	---
2	1440.000	40.93	-33.07	74.00	53.68	24.98	1.46	39.19	Peak	---	---
3	10644.000	55.43	-18.57	74.00	51.17	38.84	4.03	38.61	Peak	---	---
4	10644.000	44.92	-9.08	54.00	40.66	38.84	4.03	38.61	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1440.000	38.78	-35.22	74.00	51.53	24.98	1.46	39.19	Peak	---	---
2	1752.000	41.29	-32.71	74.00	52.99	26.25	1.45	39.40	Peak	---	---
3	10644.000	60.16	-13.84	74.00	55.90	38.84	4.03	38.61	Peak	---	---
4	10644.000	47.54	-6.46	54.00	43.28	38.84	4.03	38.61	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.29	-31.71	74.00	55.97	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.96	-41.04	74.00	46.64	24.36	1.19	39.23	Average	100	100
3	3548.000	51.16	-22.84	74.00	56.79	31.29	2.04	38.96	Peak	100	100
4	3548.000	42.21	-31.79	74.00	47.84	31.29	2.04	38.96	Average	100	100
5	10642.000	56.58	-17.42	74.00	52.32	38.84	4.03	38.61	Peak	100	100
6	10642.000	47.47	-6.53	54.00	43.21	38.84	4.03	38.61	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.63	-32.37	74.00	55.31	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.96	-21.04	54.00	46.64	24.36	1.19	39.23	Average	100	100
3	3548.000	46.49	-27.51	74.00	52.12	31.29	2.04	38.96	Peak	100	248
4	3548.000	40.99	-13.01	54.00	46.62	31.29	2.04	38.96	Average	100	248
5	10642.000	60.23	-13.77	74.00	55.97	38.84	4.03	38.61	Peak	100	100
6	10642.000	50.88	-3.12	54.00	46.62	38.84	4.03	38.61	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.49	-31.51	74.00	56.17	24.36	1.19	39.23	Peak	360	360
2	10640.000	53.73	-20.27	74.00	49.47	38.84	4.03	38.61	Peak	---	---
3	10640.000	45.51	-8.49	54.00	41.25	38.84	4.03	38.61	Average	100	100
4	15560.000	54.41	-19.59	74.00	48.29	37.77	6.34	37.99	Peak	0	0
5	15560.000	49.60	-4.40	54.00	43.48	37.77	6.34	37.99	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.79	-34.21	74.00	53.47	24.36	1.19	39.23	Peak	---	---
2	10640.000	50.06	-3.94	54.00	45.80	38.84	4.03	38.61	Average	100	100
3	10640.000	61.24	-12.76	74.00	56.98	38.84	4.03	38.61	Peak	---	---
4	15956.000	50.07	-3.93	54.00	44.47	37.14	6.12	37.66	Average	100	100
5	15956.000	59.79	-14.21	74.00	54.19	37.14	6.12	37.66	Peak	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.12. Test Results for CH 09 / 5745 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3828.000	48.84	-25.16	74.00	53.97	32.10	2.06	39.29	Peak	100	100
2	3828.000	42.53	-11.47	54.00	47.66	32.10	2.06	39.29	Average	100	100
3	11488.000	44.92	-9.08	54.00	40.00	39.08	4.41	38.57	Average	100	100
4	11488.000	51.31	-22.69	74.00	46.39	39.08	4.41	38.57	Peak	100	100
5	17058.000	63.41	-10.59	74.00	53.37	40.79	6.03	36.78	Peak	100	360
6	17058.000	51.60	-2.40	54.00	41.56	40.79	6.03	36.78	Average	100	360

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3828.000	54.52	-19.48	74.00	59.65	32.10	2.06	39.29	Peak	100	100
2	3828.000	45.53	-8.47	54.00	50.66	32.10	2.06	39.29	Average	100	100
3	11494.000	52.02	-21.98	74.00	47.10	39.08	4.41	38.57	Peak	100	100
4	11494.000	44.82	-9.18	54.00	39.90	39.08	4.41	38.57	Average	100	100
5	17172.000	64.39	-9.61	74.00	54.01	41.66	5.40	36.68	Peak	100	100
6	17172.000	51.69	-2.31	54.00	41.31	41.66	5.40	36.68	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.47	-34.53	74.00	53.15	24.36	1.19	39.23	Peak	---	---
2	1260.000	36.70	-37.30	74.00	49.83	24.70	1.38	39.21	Peak	---	---
3	1440.000	38.18	-35.82	74.00	50.93	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.38	-35.62	74.00	52.06	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.56	-36.44	74.00	50.69	24.70	1.38	39.21	Peak	---	---
3	1440.000	38.65	-35.35	74.00	51.40	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.31	-32.69	74.00	54.99	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.16	-20.84	54.00	46.84	24.36	1.19	39.23	Average	100	100
3	3828.000	60.31	-13.69	74.00	65.44	32.10	2.06	39.29	Peak	100	100
4	3828.000	52.71	-1.29	54.00	57.84	32.10	2.06	39.29	Average	100	100
5	11490.000	49.26	-24.74	74.00	44.34	39.08	4.41	38.57	Peak	100	100
6	11490.000	41.15	-12.85	54.00	36.23	39.08	4.41	38.57	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.75	-32.25	74.00	55.43	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.99	-20.01	54.00	47.67	24.36	1.19	39.23	Average	100	100
3	3828.000	63.44	-10.56	74.00	68.57	32.10	2.06	39.29	Peak	100	100
4	3828.000	53.86	-0.14	54.00	58.99	32.10	2.06	39.29	Average	100	100
5	11490.000	51.22	-22.78	74.00	46.30	39.08	4.41	38.57	Peak	100	100
6	11490.000	42.55	-11.45	54.00	37.63	39.08	4.41	38.57	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3828.000	47.35	-26.65	74.00	52.48	32.10	2.06	39.29	Peak	---	---
2	11488.000	45.17	-8.83	54.00	40.25	39.08	4.41	38.57	Average	---	---
3	11488.000	51.93	-22.07	74.00	47.01	39.08	4.41	38.57	Peak	100	100
4	17058.000	63.22	-10.78	74.00	53.18	40.79	6.03	36.78	Peak	100	360
5	17058.000	51.02	-2.98	54.00	40.98	40.79	6.03	36.78	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3828.000	53.05	-20.95	74.00	58.18	32.10	2.06	39.29	Peak	---	---
2	3828.000	44.31	-9.69	54.00	49.44	32.10	2.06	39.29	Average	100	100
3	11494.000	52.80	-21.20	74.00	47.88	39.08	4.41	38.57	Peak	---	---
4	11494.000	45.42	-8.58	54.00	40.50	39.08	4.41	38.57	Average	100	100
5	17172.000	65.37	-8.63	74.00	54.99	41.66	5.40	36.68	Peak	---	---
6	17172.000	52.48	-1.52	54.00	42.10	41.66	5.40	36.68	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.13. Test Results for CH 10 / 5765 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4960.000	46.28	-27.72	74.00	50.72	33.27	2.44	40.15	Peak	100	360
2	4960.000	36.82	-17.18	54.00	41.26	33.27	2.44	40.15	Average	100	360
3	11518.000	51.34	-2.66	54.00	46.27	39.11	4.53	38.57	Average	100	100
4	11518.000	59.32	-14.68	74.00	54.25	39.11	4.53	38.57	Peak	100	100
5	17316.000	69.08	-4.92	74.00	56.68	42.52	6.47	36.59	Peak	100	100
6	17316.000	53.62	-0.38	54.00	41.22	42.52	6.47	36.59	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3968.000	43.66	-30.34	74.00	49.74	32.41	0.92	39.41	Peak	100	100
2	3968.000	33.24	-20.76	54.00	39.32	32.41	0.92	39.41	Average	100	100
3	11536.000	64.87	-9.13	74.00	59.80	39.11	4.53	38.57	Peak	100	100
4	11536.000	49.70	-4.30	54.00	44.63	39.11	4.53	38.57	Average	100	100
5	17316.000	72.15	-1.85	74.00	59.75	42.52	6.47	36.59	Peak	100	100
6	17316.000	53.39	-0.61	54.00	40.99	42.52	6.47	36.59	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.57	-35.43	74.00	52.25	24.36	1.19	39.23	Peak	---	---
2	1440.000	40.86	-33.14	74.00	53.61	24.98	1.46	39.19	Peak	---	---
3	11532.000	60.17	-13.83	74.00	55.10	39.11	4.53	38.57	Peak	---	---
4	11532.000	48.33	-5.67	54.00	43.26	39.11	4.53	38.57	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.19	-33.81	74.00	53.87	24.36	1.19	39.23	Peak	---	---
2	1440.000	40.86	-33.14	74.00	53.61	24.98	1.46	39.19	Peak	---	---
3	11536.000	65.02	-8.98	74.00	59.95	39.11	4.53	38.57	Peak	---	---
4	11536.000	52.74	-1.26	54.00	47.67	39.11	4.53	38.57	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.07	-32.93	74.00	54.75	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.86	-22.14	54.00	45.54	24.36	1.19	39.23	Average	100	100
3	1260.000	38.81	-35.19	74.00	51.94	24.70	1.38	39.21	Peak	100	100
4	1260.000	29.99	-24.01	54.00	43.12	24.70	1.38	39.21	Average	100	100
5	11530.000	64.59	-9.41	74.00	59.52	39.11	4.53	38.57	Peak	100	100
6	11530.000	51.87	-2.13	54.00	46.80	39.11	4.53	38.57	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.32	-32.68	74.00	55.00	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.00	-21.00	54.00	46.68	24.36	1.19	39.23	Average	100	100
3	3844.000	47.35	-26.65	74.00	52.48	32.10	2.06	39.29	Peak	100	100
4	3844.000	38.20	-15.80	54.00	43.33	32.10	2.06	39.29	Average	100	100
5	11524.000	67.41	-6.59	74.00	62.34	39.11	4.53	38.57	Peak	100	100
6	11524.000	53.85	-0.15	54.00	48.78	39.11	4.53	38.57	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4960.000	41.14	-32.86	74.00	45.58	33.27	2.44	40.15	Peak	---	---
2	11518.000	53.38	-0.62	54.00	48.31	39.11	4.53	38.57	Average	100	100
3	11518.000	60.97	-13.03	74.00	55.90	39.11	4.53	38.57	Peak	---	---
4	17316.000	69.98	-4.02	74.00	57.58	42.52	6.47	36.59	Peak	---	---
5	17316.000	53.78	-0.22	54.00	41.38	42.52	6.47	36.59	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3968.000	43.66	-30.34	74.00	49.74	32.41	0.92	39.41	Peak	---	---
2	11536.000	66.00	-8.00	74.00	60.93	39.11	4.53	38.57	Peak	---	---
3	11536.000	50.36	-3.64	54.00	45.29	39.11	4.53	38.57	Average	100	100
4	17316.000	71.38	-2.62	74.00	58.98	42.52	6.47	36.59	Peak	---	---
5	17316.000	53.41	-0.59	54.00	41.01	42.52	6.47	36.59	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.14. Test Results for CH 12 / 5805 MHz (for emission above 1GHz)

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5000.000	45.71	-28.29	74.00	49.91	33.32	2.63	40.15	Peak	100	100
2	5000.000	37.14	-36.86	74.00	41.34	33.32	2.63	40.15	Average	100	100
3	11602.000	43.56	-30.44	74.00	38.25	39.18	4.69	38.56	Average	100	100
4	11602.000	51.75	-22.25	74.00	46.44	39.18	4.69	38.56	Peak	100	100
5	17412.000	65.09	-8.91	74.00	52.22	43.38	6.00	36.51	Peak	100	100
6	17412.000	51.86	-22.14	74.00	38.99	43.38	6.00	36.51	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3868.000	54.41	-19.59	74.00	59.29	32.23	2.20	39.31	Peak	100	100
2	3868.000	43.78	-10.22	54.00	48.66	32.23	2.20	39.31	Average	100	100
3	11608.000	45.33	-8.67	54.00	40.02	39.18	4.69	38.56	Average	100	100
4	11608.000	52.87	-21.13	74.00	47.56	39.18	4.69	38.56	Peak	100	100
5	17412.000	64.17	-9.83	74.00	51.30	43.38	6.00	36.51	Peak	100	100
6	17412.000	52.53	-1.47	54.00	39.66	43.38	6.00	36.51	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.91	-35.09	74.00	52.59	24.36	1.19	39.23	Peak	---	---
2	1260.000	36.53	-37.47	74.00	49.66	24.70	1.38	39.21	Peak	---	---
3	1440.000	39.74	-34.26	74.00	52.49	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.97	-35.03	74.00	52.65	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.33	-36.67	74.00	50.46	24.70	1.38	39.21	Peak	---	---
3	1440.000	39.03	-34.97	74.00	51.78	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.64	-32.36	74.00	55.32	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.12	-20.88	54.00	46.80	24.36	1.19	39.23	Average	100	100
3	3868.000	55.37	-18.63	74.00	60.25	32.23	2.20	39.31	Peak	100	100
4	3868.000	51.74	-2.26	54.00	56.62	32.23	2.20	39.31	Average	100	100
5	11610.000	50.57	-23.43	74.00	45.26	39.18	4.69	38.56	Peak	100	100
6	11610.000	43.86	-10.14	54.00	38.55	39.18	4.69	38.56	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.61	-32.39	74.00	55.29	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.97	-21.03	54.00	46.65	24.36	1.19	39.23	Average	100	100
3	3868.000	59.43	-14.57	74.00	64.31	32.23	2.20	39.31	Peak	100	275
4	3868.000	53.00	-1.00	54.00	57.88	32.23	2.20	39.31	Average	100	275
5	11610.000	52.47	-21.53	74.00	47.16	39.18	4.69	38.56	Peak	100	100
6	11610.000	44.93	-9.07	54.00	39.62	39.18	4.69	38.56	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4942.800	45.43	-28.57	74.00	49.90	33.21	2.47	40.15	Peak	---	---
2	11612.000	44.97	-9.03	54.00	39.66	39.18	4.69	38.56	Average	---	---
3	11612.000	55.40	-18.60	74.00	50.09	39.18	4.69	38.56	Peak	---	---
4	17408.000	49.59	-4.41	54.00	36.72	43.38	6.00	36.51	Average	---	---
5	17408.000	62.12	-11.88	74.00	49.25	43.38	6.00	36.51	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5035.200	44.86	-29.14	74.00	49.06	33.32	2.63	40.15	Peak	---	---
2	11604.000	49.50	-4.50	54.00	44.19	39.18	4.69	38.56	Average	---	---
3	11604.000	62.50	-11.50	74.00	57.19	39.18	4.69	38.56	Peak	---	---
4	17420.000	53.28	-0.72	54.00	40.41	43.38	6.00	36.51	Average	---	---
5	17420.000	66.66	-7.34	74.00	53.79	43.38	6.00	36.51	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.15. Test Results for CH 01 / 5210 MHz (for emission above 1GHz)

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4992.000	47.01	-26.99	74.00	51.45	33.27	2.44	40.15	Peak	100	100
2	4992.000	38.12	-15.88	54.00	42.56	33.27	2.44	40.15	Average	100	100
3	10426.000	52.06	-21.94	74.00	47.78	38.90	4.00	38.62	Peak	100	100
4	10426.000	44.60	-9.40	54.00	40.32	38.90	4.00	38.62	Average	100	100
5	15688.000	54.80	-19.20	74.00	48.97	37.50	6.18	37.85	Peak	100	100
6	15688.000	45.48	-8.52	54.00	39.65	37.50	6.18	37.85	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5000.000	50.47	-23.53	74.00	54.67	33.32	2.63	40.15	Peak	100	100
2	5000.000	42.79	-11.21	54.00	46.99	33.32	2.63	40.15	Average	100	100
3	10426.000	44.50	-9.50	54.00	40.22	38.90	4.00	38.62	Average	100	100
4	10426.000	55.84	-18.16	74.00	51.56	38.90	4.00	38.62	Peak	100	100
5	15622.000	61.58	-12.42	74.00	56.06	37.63	5.80	37.91	Peak	100	100
6	15622.000	47.27	-6.73	54.00	41.75	37.63	5.80	37.91	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.64	-34.36	74.00	53.32	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.75	-36.25	74.00	50.88	24.70	1.38	39.21	Peak	---	---
3	1440.000	41.53	-32.47	74.00	54.28	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	37.90	-36.10	74.00	51.58	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.62	-36.38	74.00	50.75	24.70	1.38	39.21	Peak	---	---
3	1440.000	39.90	-34.10	74.00	52.65	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.28	-33.72	74.00	53.96	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.29	-22.71	54.00	44.97	24.36	1.19	39.23	Average	100	100
3	1260.000	37.75	-36.25	74.00	50.88	24.70	1.38	39.21	Peak	100	100
4	1260.000	28.52	-25.48	54.00	41.65	24.70	1.38	39.21	Average	100	100
5	10420.000	55.54	-18.46	74.00	51.26	38.90	4.00	38.62	Peak	100	100
6	10420.000	45.39	-8.61	54.00	41.11	38.90	4.00	38.62	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.81	-31.19	74.00	56.49	24.36	1.19	39.23	Peak	100	100
2	1080.000	34.30	-19.70	54.00	47.98	24.36	1.19	39.23	Average	100	100
3	3472.000	44.72	-29.28	74.00	50.76	31.12	1.80	38.96	Peak	100	100
4	3472.000	35.30	-18.70	54.00	41.34	31.12	1.80	38.96	Average	100	100
5	10420.000	57.97	-16.03	74.00	53.69	38.90	4.00	38.62	Peak	100	100
6	10420.000	52.93	-1.07	54.00	48.65	38.90	4.00	38.62	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5072.400	47.68	-26.32	74.00	51.86	33.39	2.57	40.14	Peak	---	---
2	10408.000	41.10	-12.90	54.00	36.81	38.90	4.01	38.62	Average	---	---
3	10408.000	53.26	-20.74	74.00	48.97	38.90	4.01	38.62	Peak	---	---
4	15628.000	44.26	-9.74	54.00	38.74	37.63	5.80	37.91	Average	---	---
5	15628.000	52.15	-21.85	74.00	46.63	37.63	5.80	37.91	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4945.200	50.76	-23.24	74.00	55.23	33.21	2.47	40.15	Peak	---	---
2	10416.000	46.88	-27.12	74.00	42.59	38.90	4.01	38.62	Average	---	---
3	10416.000	59.37	-14.63	74.00	55.08	38.90	4.01	38.62	Peak	---	---
4	15428.000	53.11	-20.89	74.00	47.59	38.30	5.28	38.06	Peak	---	---
5	15428.000	43.76	-30.24	74.00	38.24	38.30	5.28	38.06	Average	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.16. Test Results for CH 02 / 5250 MHz (for emission above 1GHz)

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4936.000	48.02	-25.98	74.00	52.49	33.21	2.47	40.15	Peak	100	100
2	4936.000	39.48	-14.52	54.00	43.95	33.21	2.47	40.15	Average	100	100
3	10492.000	50.21	-23.79	74.00	46.68	38.90	3.25	38.62	Peak	100	0
4	10492.000	41.65	-12.35	54.00	38.12	38.90	3.25	38.62	Average	100	0
5	15742.000	47.64	-6.36	54.00	41.65	37.44	6.37	37.82	Average	100	360
6	15742.000	55.19	-18.81	74.00	49.20	37.44	6.37	37.82	Peak	100	360

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4948.000	51.05	-22.95	74.00	55.52	33.21	2.47	40.15	Peak	100	100
2	4948.000	41.76	-12.24	54.00	46.23	33.21	2.47	40.15	Average	100	100
3	10492.000	59.74	-14.26	74.00	56.21	38.90	3.25	38.62	Peak	100	100
4	10492.000	52.49	-1.51	54.00	48.96	38.90	3.25	38.62	Average	100	100
5	15760.000	67.78	-6.22	74.00	61.79	37.44	6.37	37.82	Peak	100	100
6	15760.000	53.22	-0.78	54.00	47.23	37.44	6.37	37.82	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	38.78	-35.22	74.00	52.46	24.36	1.19	39.23	Peak	---	---
2	1260.000	38.15	-35.85	74.00	51.28	24.70	1.38	39.21	Peak	---	---
3	1440.000	40.81	-33.19	74.00	53.56	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	37.69	-36.31	74.00	51.37	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.31	-36.69	74.00	50.44	24.70	1.38	39.21	Peak	---	---
3	1440.000	39.68	-34.32	74.00	52.43	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.78	-33.22	74.00	54.46	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.93	-21.07	54.00	46.61	24.36	1.19	39.23	Average	100	100
3	3500.000	45.88	-28.12	74.00	51.69	31.20	1.92	38.93		100	100
4	3500.000	37.70	-16.30	54.00	43.51	31.20	1.92	38.93	Average	100	100
5	10500.000	52.33	-21.67	74.00	48.62	38.90	3.43	38.62	Peak	100	100
6	10500.000	44.73	-9.27	54.00	41.02	38.90	3.43	38.62	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.53	-32.47	74.00	55.21	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.16	-20.84	54.00	46.84	24.36	1.19	39.23	Average	100	100
3	3500.000	47.34	-26.66	74.00	53.15	31.20	1.92	38.93	Peak	100	100
4	3500.000	39.07	-14.93	54.00	44.88	31.20	1.92	38.93	Average	100	100
5	10504.000	61.58	-12.42	74.00	57.87	38.90	3.43	38.62	Peak	100	100
6	10504.000	51.59	-2.41	54.00	47.88	38.90	3.43	38.62	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5050.800	45.81	-28.19	74.00	49.99	33.39	2.57	40.14	Peak	---	---
2	10496.000	51.98	-22.02	74.00	48.45	38.90	3.25	38.62	Peak	---	---
3	15752.000	51.00	-23.00	74.00	45.01	37.44	6.37	37.82	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	5097.600	44.24	-29.76	74.00	48.42	33.44	2.51	40.13	Peak	---	---
2	10496.000	60.12	-13.88	74.00	56.59	38.90	3.25	38.62	Peak	---	---
3	10496.000	43.05	-10.95	54.00	39.52	38.90	3.25	38.62	Average	---	---
4	15748.000	52.87	-21.13	74.00	46.88	37.44	6.37	37.82	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.17. Test Results for CH 03 / 5290 MHz (for emission above 1GHz)

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	33.18	-20.82	54.00	46.86	24.36	1.19	39.23	Average	100	100
2	1080.000	40.52	-33.48	74.00	54.20	24.36	1.19	39.23	Peak	100	100
3	3566.000	39.88	-34.12	74.00	45.32	31.38	2.17	38.99	Peak	100	0
4	3566.000	32.82	-21.18	54.00	38.26	31.38	2.17	38.99	Average	100	0
5	10576.000	52.91	-21.09	74.00	48.89	38.86	3.77	38.61	Peak	100	0
6	10576.000	45.05	-8.95	54.00	41.03	38.86	3.77	38.61	Average	100	0

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.84	-34.16	74.00	53.52	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.93	-22.07	54.00	45.61	24.36	1.19	39.23	Average	100	100
3	10582.000	59.38	-14.62	74.00	55.36	38.86	3.77	38.61	Peak	100	360
4	10582.000	46.47	-7.53	54.00	42.45	38.86	3.77	38.61	Average	100	360
5	15862.000	50.40	-3.60	54.00	44.62	37.25	6.25	37.72	Average	100	100
6	15862.000	65.17	-8.83	74.00	59.39	37.25	6.25	37.72	Peak	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.94	-34.06	74.00	53.62	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.23	-36.77	74.00	50.36	24.70	1.38	39.21	Peak	---	---
3	1440.000	38.34	-35.66	74.00	51.09	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.19	-34.81	74.00	52.87	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.72	-36.28	74.00	50.85	24.70	1.38	39.21	Peak	---	---
3	1440.000	40.90	-33.10	74.00	53.65	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.92	-33.08	74.00	54.60	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.83	-21.17	54.00	46.51	24.36	1.19	39.23	Average	100	100
3	3524.000	45.11	-28.89	74.00	50.74	31.29	2.04	38.96	Peak	100	100
4	3524.000	35.59	-18.41	54.00	41.22	31.29	2.04	38.96	Average	100	100
5	10576.000	60.17	-13.83	74.00	56.15	38.86	3.77	38.61	Peak	100	100
6	10576.000	49.13	-4.87	54.00	45.11	38.86	3.77	38.61	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	33.93	-20.07	54.00	47.61	24.36	1.19	39.23	Average	100	100
2	1080.000	42.64	-31.36	74.00	56.32	24.36	1.19	39.23	Peak	100	100
3	3524.000	37.91	-16.09	54.00	43.54	31.29	2.04	38.96	Average	100	100
4	3524.000	46.91	-27.09	74.00	52.54	31.29	2.04	38.96	Peak	100	100
5	10576.000	62.47	-11.53	74.00	58.45	38.86	3.77	38.61	Peak	100	100
6	10576.000	51.17	-2.83	54.00	47.15	38.86	3.77	38.61	Average	100	100

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.59	-31.41	74.00	56.27	24.36	1.19	39.23	Peak	---	---
2	3566.000	43.01	-30.99	74.00	48.45	31.38	2.17	38.99	Peak	---	---
3	3566.000	33.74	-20.26	54.00	39.18	31.38	2.17	38.99	Average	---	---
4	10576.000	53.20	-20.80	74.00	49.18	38.86	3.77	38.61	Peak	---	---
5	10576.000	46.35	-7.65	54.00	42.33	38.86	3.77	38.61	Average	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.20	-32.80	74.00	54.88	24.36	1.19	39.23	Peak	---	---
2	10582.000	60.80	-13.20	74.00	56.78	38.86	3.77	38.61	Peak	---	---
3	10582.000	51.22	-2.78	54.00	47.20	38.86	3.77	38.61	Average	100	360
4	15862.000	52.06	-1.94	54.00	46.28	37.25	6.25	37.72	Average	---	---
5	15862.000	67.06	-6.94	74.00	61.28	37.25	6.25	37.72	Peak	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.18. Test Results for CH 04 / 5760 MHz (for emission above 1GHz)

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.76	-32.24	74.00	55.44	24.36	1.19	39.23	Peak	100	360
2	1080.000	31.57	-22.43	54.00	45.25	24.36	1.19	39.23	Average	100	360
3	1260.000	39.84	-34.16	74.00	52.97	24.70	1.38	39.21	Peak	100	360
4	1260.000	29.65	-24.35	54.00	42.78	24.70	1.38	39.21	Average	100	360
5	3840.000	49.01	-24.99	74.00	54.14	32.10	2.06	39.29	Peak	200	200
6	3840.000	37.99	-16.01	54.00	43.12	32.10	2.06	39.29	Average	200	200

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.95	-34.05	74.00	53.63	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.63	-22.37	54.00	45.31	24.36	1.19	39.23	Average	100	100
3	3840.000	55.43	-18.57	74.00	60.56	32.10	2.06	39.29	Peak	200	200
4	3840.000	52.30	-1.70	54.00	57.43	32.10	2.06	39.29	Average	200	200
5	11518.000	56.16	-17.84	74.00	51.09	39.11	4.53	38.57	Peak	200	200
6	11518.000	51.34	-2.66	54.00	46.27	39.11	4.53	38.57	Average	200	200

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.17	-34.83	74.00	52.85	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.33	-36.67	74.00	50.46	24.70	1.38	39.21	Peak	---	---
3	1440.000	40.93	-33.07	74.00	53.68	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.64	-32.36	74.00	55.32	24.36	1.19	39.23	Peak	---	---
2	1260.000	38.43	-35.57	74.00	51.56	24.70	1.38	39.21	Peak	---	---
3	1260.000	38.65	-35.35	74.00	51.78	24.70	1.38	39.21	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.22	-32.78	74.00	54.90	24.36	1.19	39.23	Peak	100	100
2	1080.000	33.16	-20.84	54.00	46.84	24.36	1.19	39.23	Average	100	100
3	3840.000	55.42	-18.58	74.00	60.55	32.10	2.06	39.29	Peak	100	100
4	3840.000	48.52	-5.48	54.00	53.65	32.10	2.06	39.29	Average	100	100
5	11520.000	53.59	-20.41	74.00	48.52	39.11	4.53	38.57	Peak	100	100
6	11520.000	44.33	-9.67	54.00	39.26	39.11	4.53	38.57	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.92	-32.08	74.00	55.60	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.63	-21.37	54.00	46.31	24.36	1.19	39.23	Average	100	100
3 X	3840.000	56.57	2.57	54.00	61.70	32.10	2.06	39.29	Average	100	100
4	3840.000	51.19	-2.81	54.00	56.32	32.10	2.06	39.29	Average	100	100
5	11520.000	54.67	-19.33	74.00	49.60	39.11	4.53	38.57	Peak	100	100
6	11520.000	46.40	-7.60	54.00	41.33	39.11	4.53	38.57	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.76	-32.24	74.00	55.44	24.36	1.19	39.23	Peak	100	360
2	1080.000	31.57	-22.43	54.00	45.25	24.36	1.19	39.23	Average	100	360
3	1260.000	39.84	-34.16	74.00	52.97	24.70	1.38	39.21	Peak	100	360
4	1260.000	29.65	-24.35	54.00	42.78	24.70	1.38	39.21	Average	100	360
5	3840.000	49.01	-24.99	74.00	54.14	32.10	2.06	39.29	Peak	200	200
6	3840.000	37.99	-16.01	54.00	43.12	32.10	2.06	39.29	Average	200	200

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.95	-34.05	74.00	53.63	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.63	-22.37	54.00	45.31	24.36	1.19	39.23	Average	100	100
3	3840.000	55.43	-18.57	74.00	60.56	32.10	2.06	39.29	Peak	200	200
4	3840.000	52.30	-1.70	54.00	57.43	32.10	2.06	39.29	Average	200	200
5	11518.000	56.16	-17.84	74.00	51.09	39.11	4.53	38.57	Peak	200	200
6	11518.000	51.34	-2.66	54.00	46.27	39.11	4.53	38.57	Average	200	200

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

5.8.19. Test Results for CH 05 / 5800 MHz (for emission above 1GHz)

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.08	-31.92	74.00	55.76	24.36	1.19	39.23	Peak	200	200
2	3868.000	50.45	-23.55	74.00	55.33	32.23	2.20	39.31	Peak	100	100
3	3868.000	40.45	-13.55	54.00	45.33	32.23	2.20	39.31	Average	100	100
4	10072.000	51.64	-22.36	74.00	47.66	38.90	3.72	38.64	Peak	100	100
5	10072.000	41.86	-12.14	54.00	37.88	38.90	3.72	38.64	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.94	-33.06	74.00	54.62	24.36	1.19	39.23	Peak	100	19
2	1385.000	43.18	-30.82	74.00	56.12	24.91	1.34	39.19	Peak	100	19
3	3868.000	57.59	-16.41	74.00	62.47	32.23	2.20	39.31	Peak	200	200
4	3868.000	53.88	-0.12	54.00	58.76	32.23	2.20	39.31	Average	200	200

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 2

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.58	-34.42	74.00	53.26	24.36	1.19	39.23	Peak	---	---
2	1260.000	38.09	-35.91	74.00	51.22	24.70	1.38	39.21	Peak	---	---
3	1440.000	40.27	-33.73	74.00	53.02	24.98	1.46	39.19	Peak	---	---

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	41.99	-32.01	74.00	55.67	24.36	1.19	39.23	Peak	---	---
2	1260.000	37.51	-36.49	74.00	50.64	24.70	1.38	39.21	Peak	---	---
3	1440.000	41.23	-32.77	74.00	53.98	24.98	1.46	39.19	Peak	---	---

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 3

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	39.55	-34.45	74.00	53.23	24.36	1.19	39.23	Peak	100	100
2	1080.000	31.53	-22.47	54.00	45.21	24.36	1.19	39.23	Average	100	100
3	3868.000	53.44	-20.56	74.00	58.32	32.23	2.20	39.31	Peak	100	100
4	3868.000	46.35	-7.65	54.00	51.23	32.23	2.20	39.31	Average	100	100
5	11600.000	49.63	-24.37	74.00	44.32	39.18	4.69	38.56	Peak	100	100
6	11600.000	42.87	-11.13	54.00	37.56	39.18	4.69	38.56	Average	100	100

(B) Polarization: Vertical

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.19	-31.81	74.00	55.87	24.36	1.19	39.23	Peak	100	100
2	1080.000	32.57	-21.43	54.00	46.25	24.36	1.19	39.23	Average	100	100
3	3868.000	56.39	-17.61	74.00	61.27	32.23	2.20	39.31	Peak	100	100
4	3868.000	52.57	-1.43	54.00	57.45	32.23	2.20	39.31	Average	100	100
5	11600.000	50.82	-23.18	74.00	45.51	39.18	4.69	38.56	Peak	100	100
6	11600.000	43.54	-10.46	54.00	38.23	39.18	4.69	38.56	Average	100	100

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

Mode 4

(A) Polarization: Horizontal

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	42.08	-31.92	74.00	55.76	24.36	1.19	39.23	Peak	200	200
2	3868.000	50.45	-23.55	74.00	55.33	32.23	2.20	39.31	Peak	100	100
3	3868.000	40.45	-13.55	54.00	45.33	32.23	2.20	39.31	Average	100	100
4	10072.000	51.64	-22.36	74.00	47.66	38.90	3.72	38.64	Peak	100	100
5	10072.000	41.86	-12.14	54.00	37.88	38.90	3.72	38.64	Average	100	100

(B) Polarization: Vertical

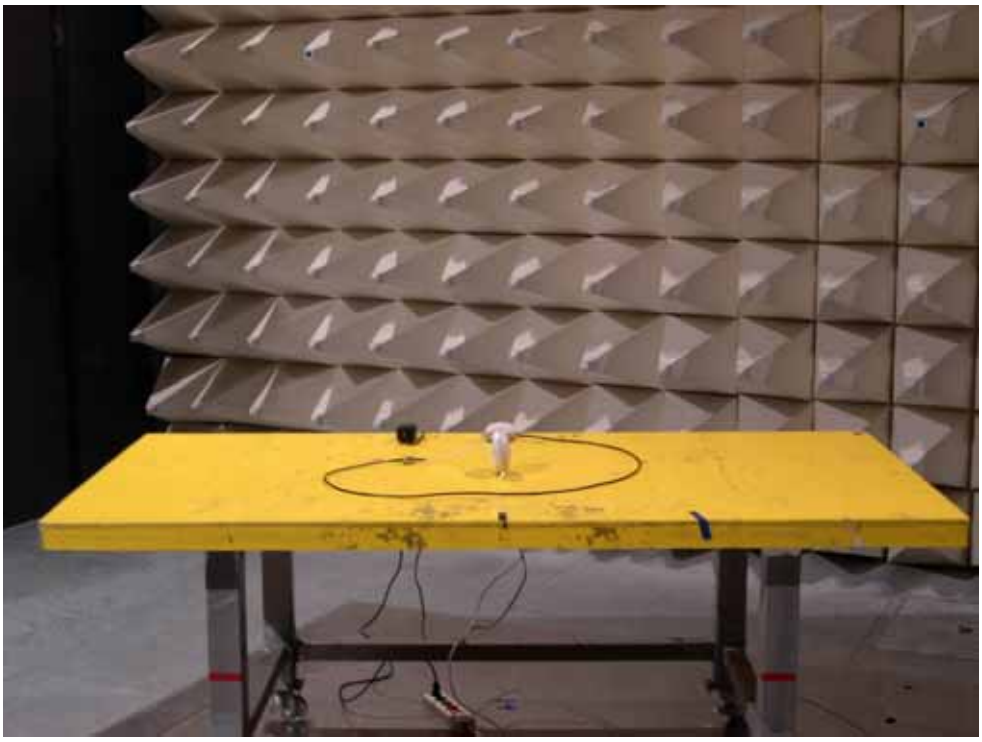
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1080.000	40.94	-33.06	74.00	54.62	24.36	1.19	39.23	Peak	100	19
2	1385.000	43.18	-30.82	74.00	56.12	24.91	1.34	39.19	Peak	100	19
3	3868.000	57.59	-16.41	74.00	62.47	32.23	2.20	39.31	Peak	200	200
4	3868.000	53.88	-0.12	54.00	58.76	32.23	2.20	39.31	Average	200	200

Note:
Emission level (dBuV/m) = 20 log Emission level (uV/m)
Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

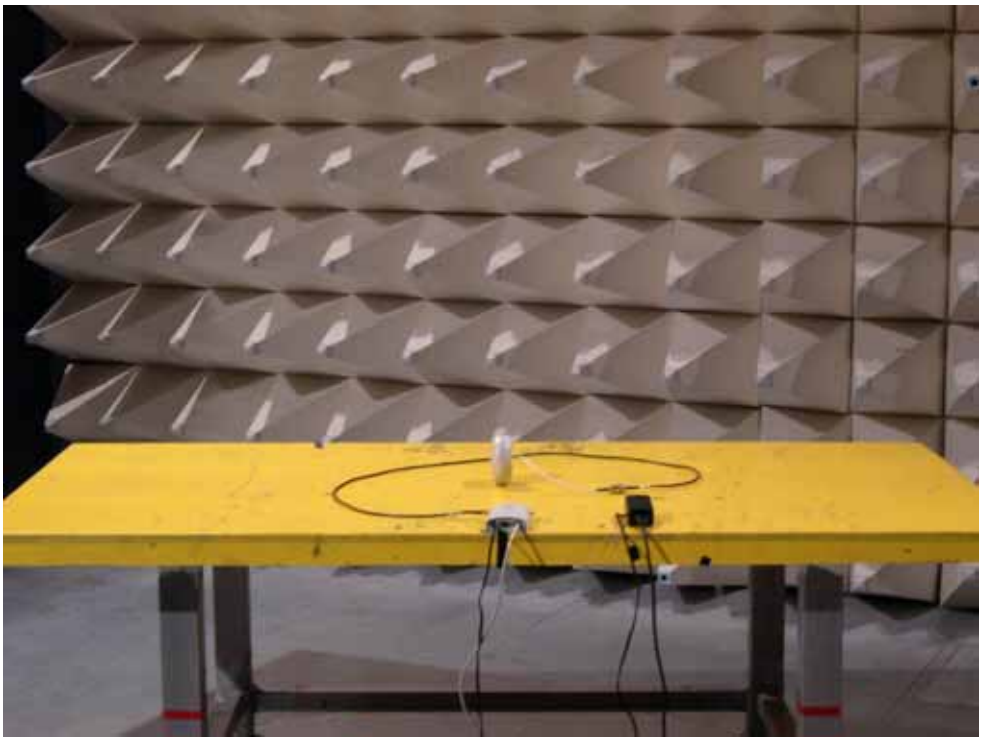
5.8.20. Photographs of Radiated Emission Test Configuration

Mode 1

FRONT VIEW

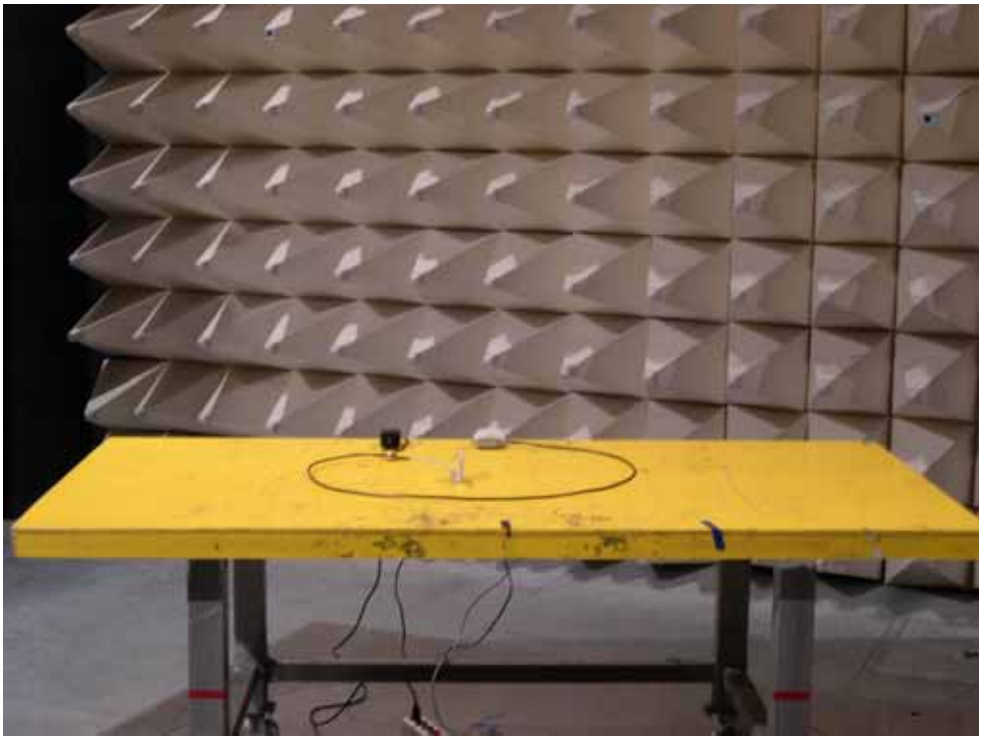


REAR VIEW

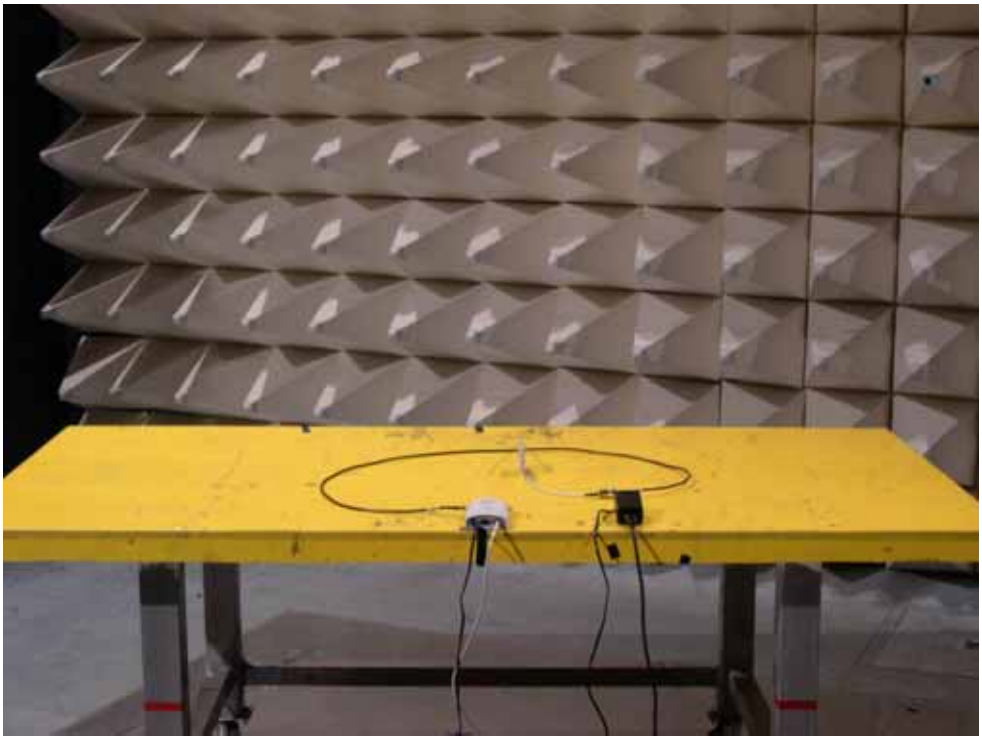


Mode 2

FRONT VIEW



REAR VIEW



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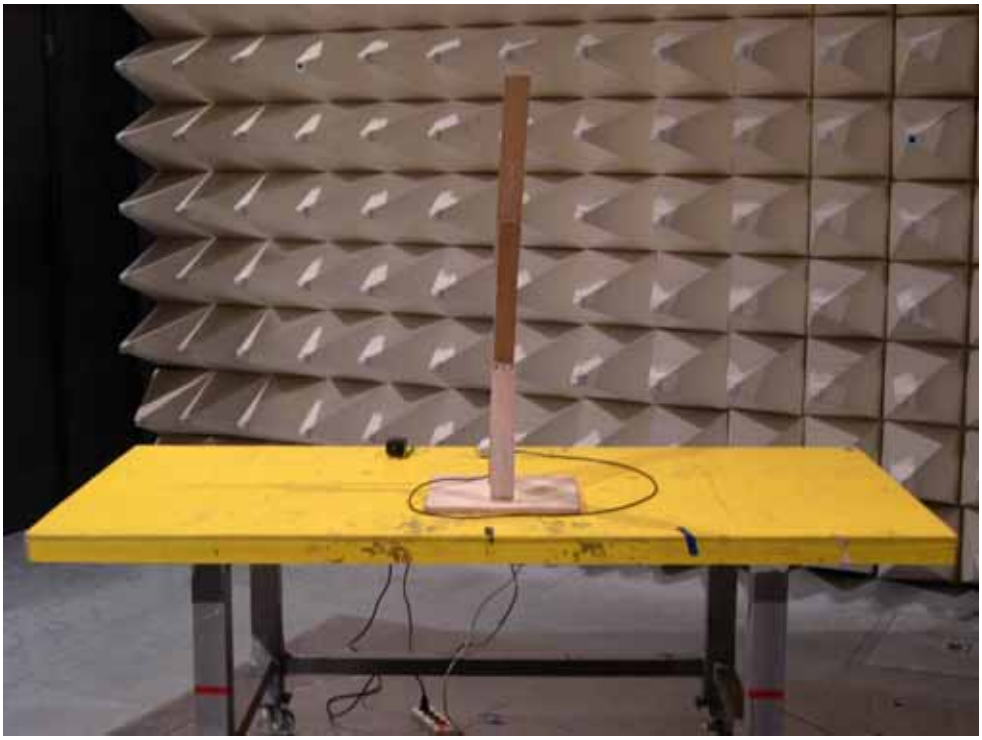
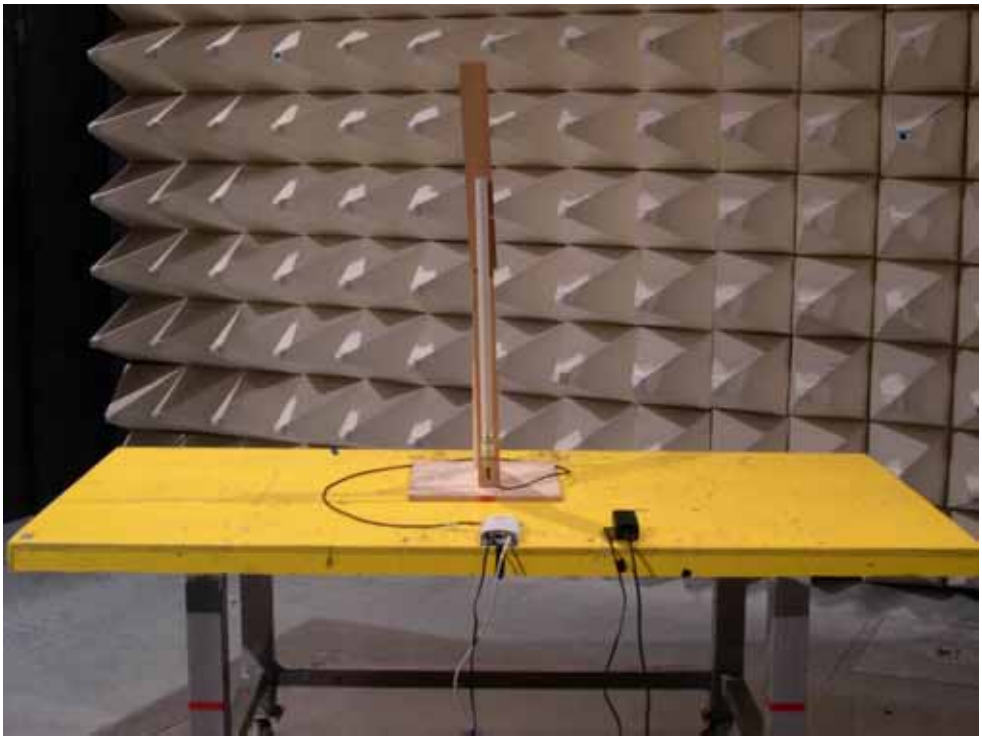
Mode 3

FRONT VIEW



REAR VIEW



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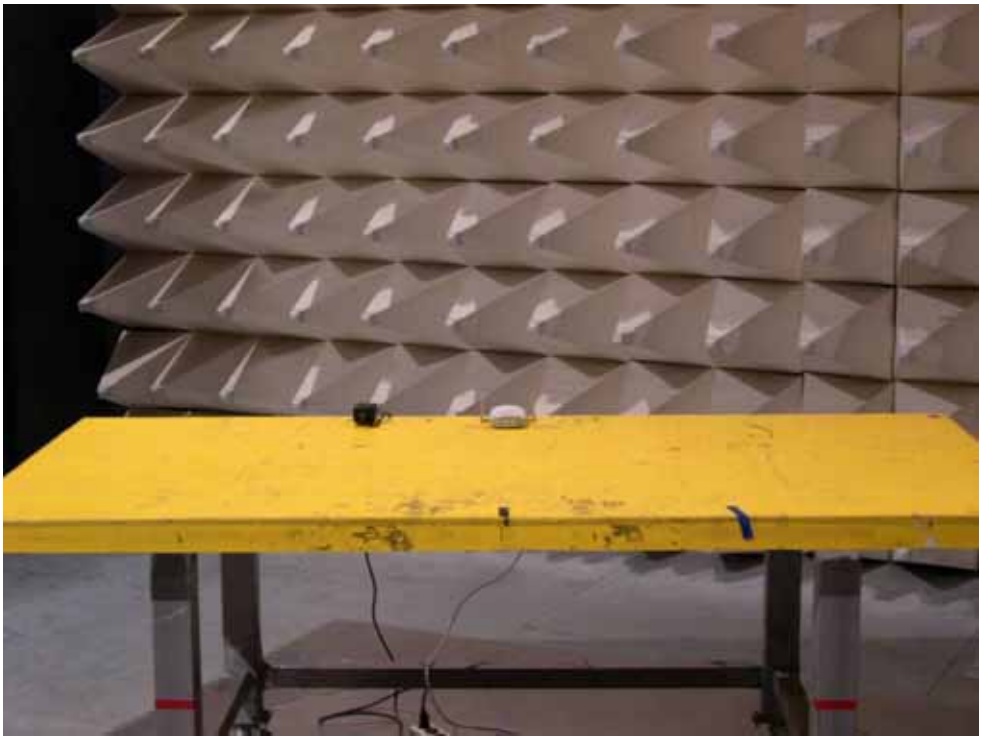
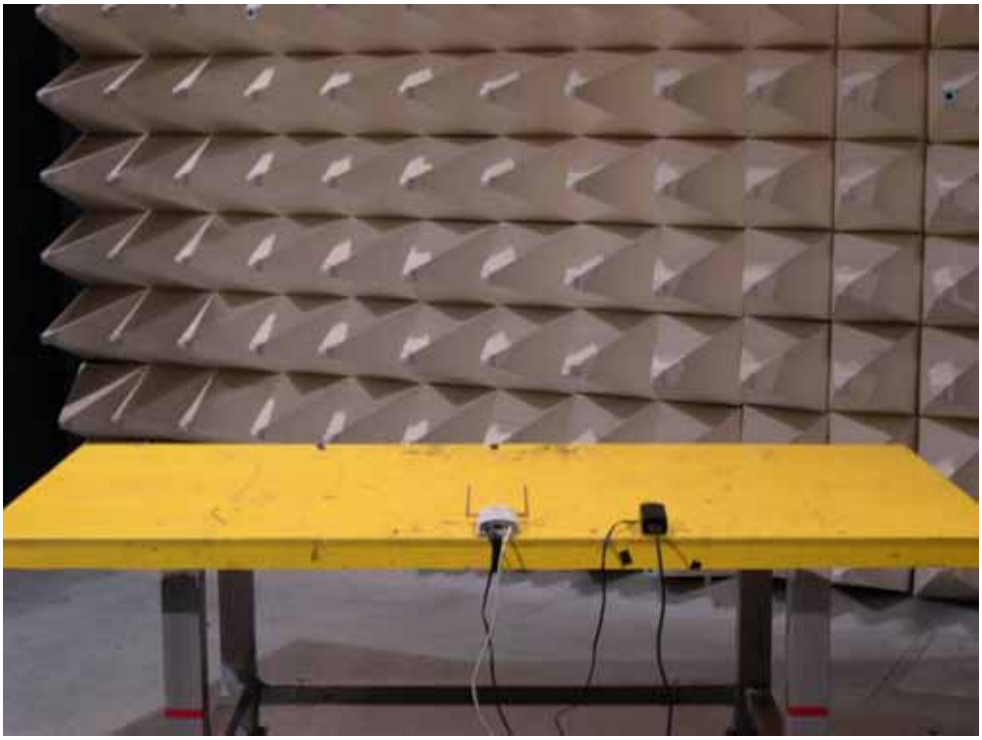
Mode 4

FRONT VIEW



REAR VIEW



5.9. Antenna Requirements

5.9.1. Standard Applicable

47 CFR Part15 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.

47 CFR Part15 Section 15.407:

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

If the intentional radiator is used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

5.9.2. Antenna Connected Construction

4 types of antenna are filed in this project. The connector for these antennas is revised SMA.

5.10. RF Exposure

5.10.1. Limit For Maximum Permissible Exposure (MPE)

This product can be classified as mobile device, so the 20cm separation distance warning is required. In this section, the power density at 20cm location is calculated to examine if it is lower than the limit.

(A) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm²)	Averaging Time |E|², |H|² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm²)	Averaging Time |E|², |H|² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

F = frequency in MHz

*Plane-wave equivalent power density

5.10.2. MPE Calculation Method

E (V/m) $= \frac{\sqrt{30 \times P \times G}}{d}$ Power Density: *Pd* (mW/cm²) $= \frac{E^2}{377}$

E = Electric field (V/m)

P = Peak RF output power (mW)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$Pd = \frac{30 \times P \times G}{377 \times d^2}$

From the peak EUT RF output power, the minimum mobile separation distance, d=20cm, as well as the gain

of the used antenna, the RF power density can be obtained.

5.10.3. Calculated Result and Limit

- **Normal Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5180 MHz	4.00	2.51	14.77	29.99	0.0150	1
5200 MHz	4.00	2.51	14.91	30.97	0.0155	1
5240 MHz	4.00	2.51	14.28	26.79	0.0134	1
5260 MHz	4.00	2.51	21.26	133.66	0.0668	1
5280 MHz	4.00	2.51	21.40	138.04	0.0690	1
5320 MHz	4.00	2.51	15.21	33.19	0.0166	1
5745 MHz	4.00	2.51	13.08	20.32	0.0102	1
5765 MHz	4.00	2.51	23.44	220.80	0.1103	1
5805 MHz	4.00	2.51	13.96	24.89	0.0124	1

Mode 2

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5180 MHz	6.00	3.98	14.71	29.58	0.0234	1
5200 MHz	6.00	3.98	14.91	30.97	0.0245	1
5240 MHz	6.00	3.98	14.28	26.79	0.0212	1
5260 MHz	6.00	3.98	21.26	133.66	0.1059	1
5280 MHz	6.00	3.98	21.40	138.04	0.1094	1
5320 MHz	6.00	3.98	15.21	33.19	0.0263	1
5745 MHz	6.00	3.98	13.08	20.32	0.0161	1
5765 MHz	6.00	3.98	23.44	220.80	0.1749	1
5805 MHz	6.00	3.98	13.96	24.89	0.0197	1

Mode 3

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5180 MHz	8.00	6.31	14.71	29.58	0.0372	1
5200 MHz	8.00	6.31	14.91	30.97	0.0389	1
5240 MHz	8.00	6.31	14.28	26.79	0.0336	1
5260 MHz	8.00	6.31	21.26	133.66	0.1679	1
5280 MHz	8.00	6.31	21.40	138.04	0.1734	1
5320 MHz	8.00	6.31	15.21	33.19	0.0417	1
5745 MHz	8.00	6.31	13.08	20.32	0.0255	1
5765 MHz	8.00	6.31	23.44	220.80	0.2773	1
5805 MHz	8.00	6.31	13.96	24.89	0.0313	1

Mode 4

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5180 MHz	2.50	1.78	16.57	46.77	0.0165	1
5200 MHz	2.50	1.78	16.52	44.87	0.0158	1
5240 MHz	2.50	1.78	16.59	45.60	0.0161	1
5260 MHz	2.50	1.78	19.97	99.31	0.0351	1
5280 MHz	2.50	1.78	20.18	104.23	0.0368	1
5320 MHz	2.50	1.78	20.99	125.60	0.0444	1
5745 MHz	2.50	1.78	20.61	115.08	0.0407	1
5765 MHz	2.50	1.78	20.59	114.55	0.0405	1
5805 MHz	2.50	1.78	20.16	114.54	0.0405	1

- **Turbo Mode**
- Temperature: 26°C
- Relative Humidity: 64%
- Duty Cycle of the Equipment During the Test: 100.00%
- Test Engineer: Ted Chiu

Mode 1

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5210 MHz	4.00	2.51	14.31	26.98	0.0135	1
5250 MHz	4.00	2.51	14.30	26.92	0.0134	1
5290 MHz	4.00	2.51	18.19	65.92	0.0329	1
5760 MHz	4.00	2.51	17.30	53.70	0.0268	1
5800 MHz	4.00	2.51	11.37	13.71	0.0068	1

Mode 2

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5210 MHz	6.00	3.98	14.31	26.98	0.0214	1
5250 MHz	6.00	3.98	14.30	26.92	0.0213	1
5290 MHz	6.00	3.98	18.19	65.92	0.0522	1
5760 MHz	6.00	3.98	17.30	53.70	0.0425	1
5800 MHz	6.00	3.98	11.37	13.71	0.0109	1

Mode 3

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5210 MHz	8.00	6.31	14.31	26.98	0.0339	1
5250 MHz	8.00	6.31	14.30	26.92	0.0338	1
5290 MHz	8.00	6.31	18.19	65.92	0.0828	1
5760 MHz	8.00	6.31	17.30	53.70	0.0674	1
5800 MHz	8.00	6.31	11.37	13.71	0.0172	1

Mode 4

Frequency	Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)
5210 MHz	2.50	1.78	16.57	45.39	0.0160	1
5250 MHz	2.50	1.78	16.50	44.67	0.0158	1
5290 MHz	2.50	1.78	20.72	118.03	0.0417	1
5760 MHz	2.50	1.78	20.73	118.30	0.0418	1
5800 MHz	2.50	1.78	16.30	42.66	0.0151	1

6. List of Measuring Equipments Used

Items	Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
1	EMC Receiver	R&S	ESCS 30	100174	9 KHz – 2.75 GHz	Feb. 16, 2004	Conduction (CO04-HY)
2	LISN	MessTec	NNB-2/16Z	2001/004	9 KHz – 30 MHz	Jun. 09, 2004	Conduction (CO04-HY)
3	LISN (Support Unit)	MessTec	NNB-2/16Z	99041	9 KHz – 30 MHz	Apr. 27, 2004	Conduction (CO04-HY)
4	EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)
5	RF Cable-CON	UTIFLEX	3102-26886-4	CB044	9KHz~30MHz	Apr. 21, 2004	Conduction (CO04-HY)
6	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	Jun. 21, 2004	Radiation (03CH03-HY)
7	Spectrum analyzer	R&S	FSP40	100004	9KHZ~40GHz	Aug. 31, 2004	Radiation (03CH03-HY)
8	Amplifier	HP	8447D	2944A09072	100KHz – 1.3GHz	Nov. 05, 2003	Radiation (03CH03-HY)
9	Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30MHz –200MHz	Jul. 28, 2004	Radiation (03CH03-HY)
10	Log Antenna	SCHWARZBECK	VUSLP 9111	221	200MHz -1GHz	Jul. 28, 2004	Radiation (03CH03-HY)
11	RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	Dec. 03, 2003	Radiation (03CH03-HY)
12	Amplifier	MITEQ	AFS44	849984	100MHz~26.5GHz	Mar. 26, 2004	Radiation (03CH03-HY)
13	Horn Antenna	EMCO	3115	6821	1GHz – 18GHz	Sep. 11, 2004	Radiation (03CH03-HY)
14	Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	Radiation (03CH03-HY)
15	Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
16	Horn Antenna	Schwarzbeck	BBHA9170	154	18GHz~40GHz	Jun. 09, 2004	Radiation (03CH03-HY)
17	RF Cable-HIGH	Jye Bao	RG142	CB030-HIGH	1GHz~29.5GHz	Dec. 05, 2003	Radiation (03CH03-HY)

※ Calibration Interval of instruments listed above is one year.

Items	Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
18	Spectrum analyzer	R&S	FSP7	838858/014	9KHZ~7GHZ	Sep. 02, 2004	Conducted (TH01-HY)
19	Power meter	R&S	NRVS	100444	DC~40GHz	Jun. 15, 2004	Conducted (TH01-HY)
20	Power sensor	R&S	NRV-Z55	100049	DC~40GHz	Jun. 15, 2004	Conducted (TH01-HY)
21	Power Sensor	R&S	NRV-Z32	100057	30MHz-6GHz	Jun. 15, 2004	Conducted (TH01-HY)
22	AC power source	HPC	HPA-500W	HPA-9100024	AC 0~300V	Jun. 16, 2004	Conducted (TH01-HY)
23	AC power source	G.W.	GPC-6030D	C671845	DC 1V~60V	Nov. 06, 2003	Conducted (TH01-HY)
24	Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Sep. 30, 2004	Conducted (TH01-HY)
25	RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz~7GHz	Jan. 01, 2004	Conducted (TH01-HY)
26	RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz~1GHz	Jan. 01, 2004	Conducted (TH01-HY)

※ Calibration Interval of instruments listed above is one year.