

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	104.79	25.07	-18.43	43.50	42.66	11.02	2.49	31.11	400	0	Peak
2 @	143.13	26.43	-17.07	43.50	44.78	10.24	2.92	31.50	400	0	Peak
3 @	200.64	27.44	-16.06	43.50	45.36	9.91	3.51	31.34	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	467.30	30.84	-15.16	46.00	39.49	16.71	5.50	30.85	100	360	Peak
2 @	708.80	31.67	-14.33	46.00	35.93	19.29	6.96	30.51	100	360	Peak
3 @	824.30	33.01	-12.99	46.00	34.40	21.42	7.58	30.39	100	360	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5785.00	101.13			96.12	34.18	6.64	35.81	100	0	Peak
2 @	5785.00	92.16			87.15	34.18	6.64	35.81	100	279	Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 6_Mode 9

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	111.73			106.65	34.23	6.65	35.80	100	360 Peak
2 @	5825.00	103.62			98.54	34.23	6.65	35.80	100	180 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	101.89			96.81	34.23	6.65	35.80	200	0 Peak
2 @	5825.00	93.11			88.03	34.23	6.65	35.80	148	273 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 1

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	52.63	-1.37	54.00	53.34	30.48	4.26	35.46	166	4	Average
2 @	2390.00	71.63	-2.37	74.00	72.34	30.48	4.26	35.46	166	4	Peak
3 @	2412.00	115.40			116.12	30.47	4.26	35.46	166	4	Peak
4 @	2412.00	107.88			108.60	30.47	4.26	35.46	166	4	Average
5 @	2483.50	56.09	-17.91	74.00	56.83	30.41	4.36	35.51	166	4	Peak
6 @	2483.50	45.56	-8.44	54.00	46.30	30.41	4.36	35.51	166	4	Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	57.81	-16.19	74.00	58.52	30.48	4.26	35.46	100	260	Peak
2 @	2390.00	45.13	-8.87	54.00	45.84	30.48	4.26	35.46	106	88	Average
3 @	2412.00	105.64			106.36	30.47	4.26	35.46	100	260	Peak
4 @	2412.00	101.58			102.30	30.47	4.26	35.46	106	88	Average
5 @	2483.50	51.55	-22.45	74.00	52.29	30.41	4.36	35.51	100	260	Peak
6 @	2483.50	42.25	-11.75	54.00	42.99	30.41	4.36	35.51	106	88	Average

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 2

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	143.13	28.95	-14.55	43.50	47.29	10.24	2.92	31.50	400	0 Peak
2 @	199.83	28.94	-14.56	43.50	46.84	9.93	3.51	31.34	400	0 Peak
3 @	257.88	28.51	-17.49	46.00	42.86	12.67	4.01	31.02	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	708.80	30.93	-15.07	46.00	35.19	19.29	6.96	30.51	100	0 Peak
2 @	903.40	34.01	-11.99	46.00	36.54	20.03	7.99	30.56	100	0 Peak
3 @	934.90	32.47	-13.53	46.00	33.40	21.00	8.22	30.14	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2344.00	53.44	-20.56	74.00	54.14	30.52	4.20	35.42	100	0 Peak
2 @	2344.00	41.98	-12.02	54.00	42.68	30.52	4.20	35.42	160	341 Average
3 @	2438.00	110.04			110.78	30.44	4.29	35.47	100	0 Peak
4 @	2438.00	105.36			106.10	30.44	4.29	35.47	160	341 Average
5 @	2483.50	52.83	-21.17	74.00	53.56	30.41	4.36	35.51	100	0 Peak
6 @	2483.50	44.41	-9.59	54.00	45.15	30.41	4.36	35.51	160	341 Average

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	4874.00	54.44	-19.56	74.00	50.91	33.39	6.30	36.16	200	0 Peak
2 @	4874.00	40.68	-13.32	54.00	37.15	33.39	6.30	36.16	100	359 Average

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	37.29	24.99	-15.01	40.00	39.51	15.73	1.49	31.73	400	0 Peak
2 @	98.58	26.30	-17.20	43.50	44.88	10.32	2.42	31.32	400	0 Peak
3 @	108.84	27.02	-16.48	43.50	43.96	11.48	2.53	30.94	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	509.30	31.03	-14.97	46.00	38.76	16.99	5.81	30.53	100	0 Peak
2 @	708.80	31.23	-14.77	46.00	35.49	19.29	6.96	30.51	100	0 Peak
3 @	729.80	32.68	-13.32	46.00	36.30	19.87	7.05	30.54	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2344.00	51.48	-22.52	74.00	52.17	30.52	4.20	35.42	100	356 Peak
2 @	2344.00	40.28	-13.72	54.00	40.98	30.52	4.20	35.42	100	60 Average
3 @	2437.00	106.05			106.79	30.44	4.29	35.47	100	356 Peak
4 @	2437.00	100.26			101.00	30.44	4.29	35.47	100	60 Average
5 @	2494.00	50.64	-23.36	74.00	51.38	30.40	4.39	35.53	100	356 Peak
6 @	2494.00	40.67	-13.33	54.00	41.41	30.40	4.39	35.53	100	60 Average

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 3

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2390.00	55.04	-18.96	74.00	55.75	30.48	4.26	35.46	163	4 Peak
2 @	2390.00	46.78	-7.22	54.00	47.49	30.48	4.26	35.46	163	4 Average
3 @	2462.00	114.47			115.20	30.43	4.33	35.49	163	4 Peak
4 @	2462.00	106.36			107.10	30.43	4.33	35.49	163	4 Average
5 @	2483.50	66.52	-7.48	74.00	67.26	30.41	4.36	35.51	163	4 Peak
6 @	2483.50	52.96	-1.04	54.00	53.70	30.41	4.36	35.51	163	4 Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2358.00	51.03	-22.97	74.00	51.74	30.51	4.20	35.42	100	154 Peak
2 @	2358.00	40.67	-13.33	54.00	41.38	30.51	4.20	35.42	103	85 Average
3 @	2462.00	105.56			106.30	30.43	4.33	35.49	100	154 Peak
4 @	2462.00	100.96			101.70	30.43	4.33	35.49	103	85 Average
5 @	2483.50	55.72	-18.28	74.00	56.46	30.41	4.36	35.51	100	154 Peak
6 @	2483.50	44.72	-9.28	54.00	45.46	30.41	4.36	35.51	103	85 Average

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	4924.00	53.07	-20.93	74.00	49.35	33.57	6.36	36.21	200	360 Peak
2 @	4924.00	42.02	-11.98	54.00	38.30	33.57	6.36	36.21	100	69 Average

◆ Test Mode : Antenna 7_Mode 4

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2390.00	72.10	-1.90	74.00	72.81	30.48	4.26	35.46	101	4 Peak
2 @	2390.00	52.54	-1.46	54.00	53.25	30.48	4.26	35.46	101	4 Average
3 @	2412.00	108.07			108.80	30.47	4.26	35.46	101	4 Peak
4 @	2412.00	99.88			100.60	30.47	4.26	35.46	101	4 Average
5 @	2483.50	53.55	-20.45	74.00	54.29	30.41	4.36	35.51	101	4 Peak
6 @	2483.50	43.24	-10.76	54.00	43.98	30.41	4.36	35.51	101	4 Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2390.00	60.66	-13.34	74.00	61.37	30.48	4.26	35.46	101	350 Peak
2 @	2390.00	46.69	-7.31	54.00	47.40	30.48	4.26	35.46	106	89 Average
3 @	2412.00	101.39			102.12	30.47	4.26	35.46	101	350 Peak
4 @	2412.00	96.16			96.88	30.47	4.26	35.46	106	89 Average
5 @	2483.50	50.85	-23.15	74.00	51.58	30.41	4.36	35.51	101	350 Peak
6 @	2483.50	40.84	-13.16	54.00	41.58	30.41	4.36	35.51	106	89 Average

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 5

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	143.13	28.87	-14.63	43.50	47.22	10.24	2.92	31.50	400	0 Peak
2 @	199.83	28.85	-14.65	43.50	46.75	9.93	3.51	31.34	400	0 Peak
3 @	257.88	28.58	-17.42	46.00	42.92	12.67	4.01	31.02	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	434.40	31.02	-14.98	46.00	40.14	16.40	5.26	30.79	100	0 Peak
2 @	708.80	30.79	-15.21	46.00	35.05	19.29	6.96	30.51	100	0 Peak
3 @	934.90	31.97	-14.03	46.00	32.89	21.00	8.22	30.14	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2334.00	51.04	-22.96	74.00	51.74	30.54	4.17	35.40	200	0 Peak
2 @	2334.00	39.57	-14.43	54.00	40.27	30.54	4.17	35.40	100	262 Average
3 @	2434.00	102.03			102.76	30.46	4.29	35.47	200	0 Peak
4 @	2434.00	94.87			95.60	30.46	4.29	35.47	100	262 Average
5 @	2484.00	50.77	-23.23	74.00	51.51	30.41	4.36	35.51	200	0 Peak
6 @	2484.00	39.85	-14.15	54.00	40.59	30.41	4.36	35.51	100	262 Average

Remark: #5 and #6 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	38.64	24.81	-15.19	40.00	39.80	15.28	1.50	31.76	400	0 Peak
2 @	106.68	27.54	-15.96	43.50	44.82	11.25	2.50	31.03	400	0 Peak
3 @	145.29	25.64	-17.86	43.50	44.33	9.85	2.94	31.49	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	479.90	30.71	-15.29	46.00	38.95	16.93	5.61	30.78	100	0 Peak
2 @	509.30	31.99	-14.01	46.00	39.71	16.99	5.81	30.53	100	0 Peak
3 @	731.90	33.70	-12.30	46.00	37.22	19.96	7.06	30.55	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2390.00	53.21	-20.79	74.00	53.92	30.48	4.26	35.46	200	0 Peak
2 @	2390.00	49.14	-4.86	54.00	49.85	30.48	4.26	35.46	100	170 Average
3 @	2434.00	112.21			112.93	30.46	4.29	35.47	200	0 Peak
4 @	2434.00	104.87			105.60	30.46	4.29	35.47	100	170 Average
5 @	2488.00	49.29	-4.71	54.00	50.04	30.40	4.36	35.51	100	170 Average
6 @	2488.00	54.05	-19.95	74.00	54.80	30.40	4.36	35.51	200	0 Peak

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	4874.00	56.24	-17.76	74.00	52.71	33.39	6.30	36.16	200	360 Peak
2 @	4874.00	44.91	-9.09	54.00	41.38	33.39	6.30	36.16	100	82 Average

◆ Test Mode : Antenna 7_Mode 6

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2358.00	53.49	-20.51	74.00	54.20	30.51	4.20	35.42	106	4 Peak
2 @	2358.00	42.30	-11.70	54.00	43.01	30.51	4.20	35.42	106	4 Average
3 @	2462.00	107.23			107.97	30.43	4.33	35.49	106	4 Peak
4 @	2462.00	99.05			99.79	30.43	4.33	35.49	106	4 Average
5 @	2483.50	70.35	-3.65	74.00	71.09	30.41	4.36	35.51	106	4 Peak
6 @	2483.50	52.74	-1.26	54.00	53.48	30.41	4.36	35.51	106	4 Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2374.00	50.83	-23.17	74.00	51.54	30.50	4.23	35.44	106	120 Peak
2 @	2374.00	39.87	-14.13	54.00	40.58	30.50	4.23	35.44	100	87 Average
3 @	2462.00	104.40			105.14	30.43	4.33	35.49	106	120 Peak
4 @	2462.00	96.97			97.71	30.43	4.33	35.49	100	87 Average
5 @	2483.50	64.81	-9.19	74.00	65.55	30.41	4.36	35.51	106	120 Peak
6 @	2483.50	48.02	-5.98	54.00	48.76	30.41	4.36	35.51	100	87 Average

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	4924.00	49.81	-24.19	74.00	46.09	33.57	6.36	36.21	200	360 Peak
2 @	4924.00	39.20	-14.80	54.00	35.48	33.57	6.36	36.21	100	81 Average

◆ Test Mode : Antenna 7_Mode 7

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5745.00	116.95			112.02	34.14	6.64	35.85	100	0 Peak
2 @	5745.00	109.53			104.60	34.14	6.64	35.85	158	353 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5745.00	105.34			100.41	34.14	6.64	35.85	200	0 Peak
2 @	5745.00	97.52			92.59	34.14	6.64	35.85	100	26 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 8

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	143.13	30.04	-13.46	43.50	48.38	10.24	2.92	31.50	400	0 Peak
2 @	200.64	33.15	-10.35	43.50	51.07	9.91	3.51	31.34	400	0 Peak
3 @	212.79	31.16	-12.34	43.50	49.22	9.66	3.61	31.34	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	729.80	30.08	-15.92	46.00	33.70	19.87	7.05	30.54	100	0 Peak
2 @	794.90	30.98	-15.02	46.00	31.93	21.76	7.44	30.15	100	0 Peak
3 @	976.90	32.01	-21.99	54.00	31.68	22.26	8.34	30.27	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	5785.00	117.49			112.46	34.19	6.64	35.81	200	0 Peak
2 @	5785.00	110.11			105.10	34.18	6.64	35.81	155	353 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	98.58	26.93	-16.57	43.50	45.51	10.32	2.42	31.32	400	0	Peak
2 @	106.68	28.41	-15.09	43.50	45.69	11.25	2.50	31.03	400	0	Peak
3 @	145.29	26.43	-17.07	43.50	45.11	9.85	2.94	31.49	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	708.80	33.54	-12.46	46.00	37.80	19.29	6.96	30.51	100	0	Peak
2 @	729.80	33.96	-12.04	46.00	37.58	19.87	7.05	30.54	100	0	Peak
3 @	787.90	32.63	-13.37	46.00	33.81	21.54	7.42	30.14	100	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5785.00	104.99			99.99	34.18	6.64	35.81	100	0	Peak
2 @	5785.00	97.01			92.00	34.18	6.64	35.81	109	25	Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 7_Mode 9

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	117.33			112.25	34.23	6.65	35.80	100	0 Peak
2 @	5825.00	109.58			104.50	34.23	6.65	35.80	156	345 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	104.48			99.40	34.23	6.65	35.80	200	0 Peak
2 @	5825.00	95.69			90.61	34.23	6.65	35.80	109	12 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 8_Mode 7

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5744.00	97.54			92.61	34.14	6.64	35.85	162	119 Peak
2 @	5744.00	88.98			84.05	34.14	6.64	35.85	162	119 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5738.00	113.97			109.04	34.14	6.64	35.85	132	359 Peak
2 @	5738.00	106.03			101.10	34.14	6.64	35.85	132	359 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 8_Mode 8

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	199.83	31.40	-12.10	43.50	49.30	9.93	3.51	31.34	400	0 Peak
2 @	212.79	28.35	-15.15	43.50	46.41	9.66	3.61	31.34	400	0 Peak
3 @	257.88	28.71	-17.29	46.00	43.06	12.67	4.01	31.02	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	479.90	27.98	-18.02	46.00	36.22	16.93	5.61	30.78	100	0 Peak
2 @	731.90	31.48	-14.52	46.00	35.00	19.96	7.06	30.55	100	0 Peak
3 @	859.30	31.80	-14.20	46.00	33.27	20.74	7.77	29.97	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5784.00	97.94			92.93	34.18	6.64	35.81	115	341 Peak
2 @	5784.00	89.80			84.79	34.18	6.64	35.81	115	341 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	35.94	25.92	-14.08	40.00	39.51	16.62	1.46	31.67	400	0	Peak
2 @	151.23	26.98	-16.52	43.50	46.39	9.05	3.02	31.48	400	0	Peak
3 @	199.83	28.60	-14.90	43.50	46.50	9.93	3.51	31.34	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	479.90	30.35	-15.65	46.00	38.58	16.93	5.61	30.78	100	0	Peak
2 @	708.80	31.34	-14.66	46.00	35.60	19.29	6.96	30.51	100	0	Peak
3 @	731.90	33.72	-12.28	46.00	37.25	19.96	7.06	30.55	100	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5784.00	113.84			108.84	34.18	6.64	35.81	141	359	Peak
2 @	5784.00	105.61			100.60	34.18	6.64	35.81	141	359	Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 8_Mode 9

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5828.00	98.79			93.71	34.23	6.65	35.80	104	340 Peak
2 @	5828.00	90.32			85.24	34.23	6.65	35.80	104	340 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5824.00	112.24			107.17	34.23	6.65	35.80	100	358 Peak
2 @	5824.00	106.48			101.40	34.23	6.65	35.80	127	356 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 1

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	42.33	-11.67	54.00	43.04	30.48	4.26	35.46	100	68	Average
2 @	2390.00	59.18	-14.82	74.00	59.89	30.48	4.26	35.46	100	0	Peak
3 @	2412.00	105.85			106.58	30.47	4.26	35.46	100	0	Peak
4 @	2412.00	98.71			99.43	30.47	4.26	35.46	100	68	Average
5 @	2483.50	51.49	-22.51	74.00	52.23	30.41	4.36	35.51	100	0	Peak
6 @	2483.50	40.82	-13.18	54.00	41.56	30.41	4.36	35.51	100	68	Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	52.39	-1.61	54.00	53.11	30.47	4.26	35.46	100	92	Average
2 @	2390.00	71.61	-2.39	74.00	72.32	30.48	4.26	35.46	100	0	Peak
3 @	2412.00	114.92			115.64	30.47	4.26	35.46	100	0	Peak
4 @	2412.00	105.48			106.20	30.47	4.26	35.46	100	92	Average
5 @	2483.50	54.79	-19.21	74.00	55.53	30.41	4.36	35.51	100	0	Peak
6 @	2483.50	43.67	-10.33	54.00	44.41	30.41	4.36	35.51	100	92	Average

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 2

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	143.13	29.80	-13.70	43.50	48.15	10.24	2.92	31.50	400	0 Peak
2 @	199.83	33.10	-10.40	43.50	51.00	9.93	3.51	31.34	400	0 Peak
3 @	216.03	29.49	-16.51	46.00	47.54	9.58	3.64	31.28	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	722.80	31.52	-14.48	46.00	35.35	19.68	7.00	30.51	100	0 Peak
2 @	798.40	31.59	-14.41	46.00	32.43	21.84	7.45	30.13	100	0 Peak
3 @	994.40	32.70	-21.30	54.00	31.96	22.79	8.40	30.45	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2348.00	51.26	-22.74	74.00	51.96	30.52	4.20	35.42	100	4 Peak
2 @	2348.00	40.10	-13.90	54.00	40.80	30.52	4.20	35.42	100	63 Average
3 @	2441.00	104.19			104.92	30.44	4.33	35.49	100	4 Peak
4 @	2441.00	98.39			99.12	30.44	4.33	35.49	100	63 Average
5 @	2488.00	51.27	-22.73	74.00	52.02	30.40	4.36	35.51	100	4 Peak
6 @	2488.00	40.44	-13.56	54.00	41.19	30.40	4.36	35.51	100	63 Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	38.64	25.73	-14.27	40.00	40.72	15.28	1.50	31.76	400	0 Peak
2 @	76.98	26.24	-13.76	40.00	48.96	6.78	2.12	31.61	400	0 Peak
3 @	143.13	27.56	-15.94	43.50	45.91	10.24	2.92	31.50	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	731.90	31.64	-14.36	46.00	35.16	19.96	7.06	30.55	100	0 Peak
2 @	798.40	31.57	-14.43	46.00	32.41	21.84	7.45	30.13	100	0 Peak
3 @	980.40	32.76	-21.24	54.00	32.25	22.38	8.35	30.22	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2390.00	55.09	-18.91	74.00	55.80	30.48	4.26	35.46	100	1 Peak
2 @	2390.00	44.93	-9.07	54.00	45.64	30.48	4.26	35.46	100	264 Average
3 @	2441.00	112.68			113.40	30.44	4.33	35.49	100	1 Peak
4 @	2441.00	104.77			105.50	30.44	4.33	35.49	100	264 Average
5 @	2484.00	54.54	-19.46	74.00	55.28	30.41	4.36	35.51	100	1 Peak
6 @	2484.00	43.29	-10.71	54.00	44.03	30.41	4.36	35.51	100	264 Average

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	4874.00	55.63	-18.37	74.00	52.10	33.39	6.30	36.16	200	360 Peak
2 @	4874.00	45.35	-8.65	54.00	41.82	33.39	6.30	36.16	100	269 Average

◆ Test Mode : Antenna 9_Mode 3

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1 @	2390.00	51.24	-22.76	74.00	51.95	30.48	4.26	35.46	200	0 Peak
2 @	2390.00	40.85	-13.15	54.00	41.56	30.48	4.26	35.46	103	272 Average
3 @	2462.00	106.87			107.61	30.43	4.33	35.49	200	0 Peak
4 @	2462.00	99.76			100.50	30.43	4.33	35.49	103	272 Average
5 @	2483.50	56.49	-17.51	74.00	57.23	30.41	4.36	35.51	200	0 Peak
6 @	2483.50	43.86	-10.14	54.00	44.60	30.41	4.36	35.51	103	272 Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	2390.00	55.89	-18.11	74.00	56.60	30.48	4.26	35.46	100	0 Peak
2 @	2390.00	45.52	-8.48	54.00	46.23	30.48	4.26	35.46	100	90 Average
3 @	2462.00	114.41			115.15	30.43	4.33	35.49	100	0 Peak
4 @	2462.00	105.26			106.00	30.43	4.33	35.49	100	90 Average
5 @	2483.50	52.73	-1.27	54.00	53.47	30.41	4.36	35.51	100	90 Average
6 @	2483.50	66.35	-7.65	74.00	67.09	30.41	4.36	35.51	100	0 Peak

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	4924.00	54.72	-19.28	74.00	51.00	33.57	6.36	36.21	200	360 Peak
2 @	4924.00	43.51	-10.49	54.00	39.79	33.57	6.36	36.21	100	308 Average

◆ Test Mode : Antenna 9_Mode 4

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	65.48	-8.52	74.00	66.19	30.48	4.26	35.46	100	0	Peak
2 @	2390.00	47.05	-6.95	54.00	47.76	30.48	4.26	35.46	100	246	Average
3 @	2412.00	102.23			102.96	30.47	4.26	35.46	100	0	Peak
4 @	2412.00	94.02			94.74	30.47	4.26	35.46	100	246	Average
5 @	2483.50	50.20	-23.80	74.00	50.94	30.41	4.36	35.51	100	0	Peak
6 @	2483.50	39.79	-14.21	54.00	40.53	30.41	4.36	35.51	100	246	Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	53.03	-0.97	54.00	53.74	30.48	4.26	35.46	100	107	Average
2 @	2390.00	73.97	-0.03	74.00	74.68	30.48	4.26	35.46	100	0	Peak
3 @	2412.00	99.98			100.70	30.47	4.26	35.46	100	107	Average
4 @	2412.00	108.73			109.46	30.47	4.26	35.46	100	0	Peak
5 @	2483.50	42.75	-11.25	54.00	43.49	30.41	4.36	35.51	100	107	Average
6 @	2483.50	53.87	-20.13	74.00	54.61	30.41	4.36	35.51	100	0	Peak

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 5

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	143.13	28.35	-15.15	43.50	46.69	10.24	2.92	31.50	400	0 Peak
2 @	172.83	28.63	-14.87	43.50	47.26	9.47	3.25	31.35	400	0 Peak
3 @	199.83	31.88	-11.62	43.50	49.78	9.93	3.51	31.34	400	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	794.90	31.57	-14.43	46.00	32.51	21.76	7.44	30.15	100	0 Peak
2 @	934.90	32.40	-13.60	46.00	33.33	21.00	8.22	30.14	100	0 Peak
3 @	981.80	32.77	-21.23	54.00	32.23	22.41	8.35	30.23	100	0 Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	2334.00	51.55	-22.45	74.00	52.25	30.54	4.17	35.40	100	28 Peak
2 @	2334.00	39.51	-14.49	54.00	40.21	30.54	4.17	35.40	100	63 Average
3 @	2441.00	103.01			103.73	30.44	4.33	35.49	100	28 Peak
4 @	2441.00	95.24			95.97	30.44	4.33	35.49	100	63 Average
5 @	2483.50	51.12	-22.88	74.00	51.85	30.41	4.36	35.51	100	28 Peak
6 @	2483.50	39.79	-14.21	54.00	40.53	30.41	4.36	35.51	100	63 Average

Remark: #5 and #6 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	66.18	27.72	-12.28	40.00	50.90	6.38	1.95	31.52	400	0	Peak
2 @	76.98	28.87	-11.13	40.00	51.59	6.78	2.12	31.61	400	0	Peak
3 @	143.13	27.47	-16.03	43.50	45.82	10.24	2.92	31.50	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	731.90	32.66	-13.34	46.00	36.18	19.96	7.06	30.55	100	0	Peak
2 @	796.30	31.79	-14.21	46.00	32.70	21.79	7.44	30.14	100	0	Peak
3 @	992.30	32.67	-21.33	54.00	31.94	22.73	8.39	30.40	100	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2388.00	53.65	-20.35	74.00	54.38	30.48	4.23	35.44	100	352	Peak
2 @	2388.00	41.66	-12.34	54.00	42.38	30.48	4.23	35.44	118	264	Average
3 @	2441.00	110.19			110.92	30.44	4.33	35.49	100	352	Peak
4 @	2441.00	101.17			101.90	30.44	4.33	35.49	118	264	Average
5 @	2483.50	54.04	-19.96	74.00	54.78	30.41	4.36	35.51	100	352	Peak
6 @	2483.50	41.02	-12.98	54.00	41.76	30.41	4.36	35.51	118	264	Average

Remark: #3 and #4 Fundamental Signal

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	4874.00	53.53	-20.47	74.00	50.00	33.39	6.30	36.16	200	360	Peak
2 @	4874.00	42.42	-11.58	54.00	38.89	33.39	6.30	36.16	100	267	Average

◆ Test Mode : Antenna 9_Mode 6

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	50.33	-23.67	74.00	51.04	30.48	4.26	35.46	100	0	Peak
2 @	2390.00	39.68	-14.32	54.00	40.39	30.48	4.26	35.46	100	265	Average
3 @	2462.00	99.96			100.70	30.43	4.33	35.49	100	0	Peak
4 @	2462.00	91.97			92.71	30.43	4.33	35.49	100	265	Average
5 @	2483.50	60.40	-13.60	74.00	61.14	30.41	4.36	35.51	100	0	Peak
6 @	2483.50	45.38	-8.62	54.00	46.12	30.41	4.36	35.51	100	265	Average

Remark: #3 and #4 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2390.00	52.48	-21.52	74.00	53.19	30.48	4.26	35.46	100	0	Peak
2 @	2390.00	42.17	-11.83	54.00	42.88	30.48	4.26	35.46	100	90	Average
3 @	2462.00	107.39			108.13	30.43	4.33	35.49	100	0	Peak
4 @	2462.00	99.21			99.95	30.43	4.33	35.49	100	90	Average
5 @	2483.50	52.82	-1.18	54.00	53.56	30.41	4.36	35.51	100	90	Average
6 @	2483.50	70.38	-3.62	74.00	71.12	30.41	4.36	35.51	100	0	Peak

Remark: #3 and #4 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 7

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5745.00	95.92			90.99	34.14	6.64	35.85	200	0 Peak
2 @	5745.00	87.69			82.76	34.14	6.64	35.85	100	270 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5745.00	116.71			111.78	34.14	6.64	35.85	100	0 Peak
2 @	5745.00	109.03			104.10	34.14	6.64	35.85	111	257 Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 8

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	172.83	28.51	-14.99	43.50	47.14	9.47	3.25	31.35	400	0	Peak
2 @	199.83	32.18	-11.32	43.50	50.08	9.93	3.51	31.34	400	0	Peak
3 @	216.84	28.51	-17.49	46.00	46.56	9.56	3.65	31.26	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	722.80	30.98	-15.02	46.00	34.81	19.68	7.00	30.51	100	0	Peak
2 @	799.80	32.01	-13.99	46.00	32.78	21.90	7.45	30.12	100	0	Peak
3 @	987.40	32.72	-21.28	54.00	32.04	22.59	8.38	30.29	100	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5785.00	98.84			93.84	34.18	6.64	35.81	200	0	Peak
2 @	5785.00	90.50			85.49	34.18	6.64	35.81	100	144	Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	44.04	26.21	-13.79	40.00	43.58	12.65	1.63	31.64	400	0	Peak
2 @	66.18	27.83	-12.17	40.00	51.01	6.38	1.95	31.52	400	0	Peak
3 @	76.98	28.56	-11.44	40.00	51.28	6.78	2.12	31.61	400	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	479.90	27.67	-18.33	46.00	35.91	16.93	5.61	30.78	100	0	Peak
2 @	729.80	31.56	-14.44	46.00	35.18	19.87	7.05	30.54	100	0	Peak
3 @	995.80	32.98	-21.02	54.00	32.24	22.85	8.41	30.51	100	0	Peak

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5785.00	116.24			111.23	34.18	6.64	35.81	100	0	Peak
2 @	5785.00	108.41			103.40	34.18	6.64	35.81	100	270	Average

Remark: #1 and #2 Fundamental Signal

◆ Test Mode : Antenna 9_Mode 9

- Temperature : 26°C
- Relative Humidity :53%
- Test Enginner : Jay
- Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	99.56			94.48	34.23	6.65	35.80	100	0 Peak
2 @	5825.00	91.01			85.93	34.23	6.65	35.80	104	142 Average

Remark: #1 and #2 Fundamental Signal

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1 @	5825.00	115.26			110.18	34.23	6.65	35.80	200	0 Peak
2 @	5825.00	107.18			102.10	34.23	6.65	35.80	110	270 Average

Remark: #1 and #2 Fundamental Signal

Remark: All the emissions except listed above are 20 dB below FCC limit.

8. Antenna Requirements

8.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no other antenna except assembled by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi.

8.2. Antenna Connected Construction

The antennas and the related connectors are listed in section 1.5. There antennas use the unique antenna to meet the antenna connector requirement. The antenna 4, which ases N-Type connector, must be professionally installed to meet the antenna requirement.

8.3. Antenna Gain

The power limits are reduced to meet the standard as the antenna gain is over 6dBi.

9. List of Measuring Equipments Used

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Oct. 19, 2005	Oct. 19, 2006	Conduction (CO01-HY)
LISN	MessTec	NNB-2/16Z	2001/009	9kHz – 30MHz	Apr. 26, 2005	Apr. 26, 2006	Conduction (CO01-HY)
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/004	9kHz – 30MHz	Apr. 20, 2005	Apr. 20, 2006	Conduction (CO01-HY)
EMI Filter	LINDGREN	LRE-2060	1004	< 450Hz	N/A	N/A	Conduction (CO01-HY)
EMI Filter	LINDGREN	N6006	201052	0 – 60Hz	N/A	N/A	Conduction (CO01-HY)
RF Cable-CON	Suhner Switzerland	RG223/U	CB029	9kHz – 30MHz	Dec. 23, 2004	Dec. 23, 2005	Conduction (CO01-HY)
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Jul. 25, 2005	Jul. 24, 2006	Radiation (03CH06-HY)
Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jun. 28, 2005	Jun. 27, 2006	Radiation (03CH06-HY)
Controller	CT	SC100	N/A	N/A	N/A	N/A	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 22, 2004	Nov. 22, 2005	Radiation (03CH06-HY)
Horn Antenna	Com-Power	AH118	071025	1G-18G	Feb. 22, 2005	Feb. 22, 2006	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Jul. 21, 2005	Jul. 20, 2006	Radiation (03CH06-HY)
HF Amplifier	MITEQ	AFS44	973248	0.1G - 26.5G	Dec. 17, 2004	Dec. 17, 2005	Radiation (03CH06-HY)
Amplifier	MITEQ	AMF-6F	997165	26G - 40G	Jul. 21, 2005	Jul. 20, 2006	Radiation (03CH06-HY)
Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	N/A	Radiation (03CH06-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	N/A	Radiation (03CH06-HY)

10. Uncertainty Measurement

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.10	Normal(k=2)	0.05
Cable loss	0.10	Normal(k=2)	0.05
AMN insertion loss	2.50	Rectangular	0.63
Receiver Spec	1.50	Rectangular	0.43
Site imperfection	1.39	Rectangular	0.80
Mismatch	+0.34/-0.35	U-shape	0.24
combined standard uncertainty Uc(y)	1.13		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.26		

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.41	Normal(k=2)	0.21
Antenna factor calibration	0.83	Normal(k=2)	0.42
Cable loss calibration	0.25	Normal(k=2)	0.13
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.43	Rectangular	0.83
Mismatch	+0.39/-0.41	U-shaped	0.28
combined standard uncertainty Uc(y)	1.27		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.54		

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

Contribution	Uncertainty of x_i		$u(x_i)$	C_i	$C_i * u(x_i)$
	dB	Probability Distribution			
Receiver reading	± 0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	± 1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	± 0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	± 2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	± 1.50	Rectangular	0.87	1	0.87
Site imperfection	± 2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20 \log(1 - \Gamma_1 * \Gamma_2 * \Gamma_3)$	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty $U_c(y)$	2.36				
Measuring uncertainty for a level of confidence of 95% $U = 2U_c(y)$	4.72				