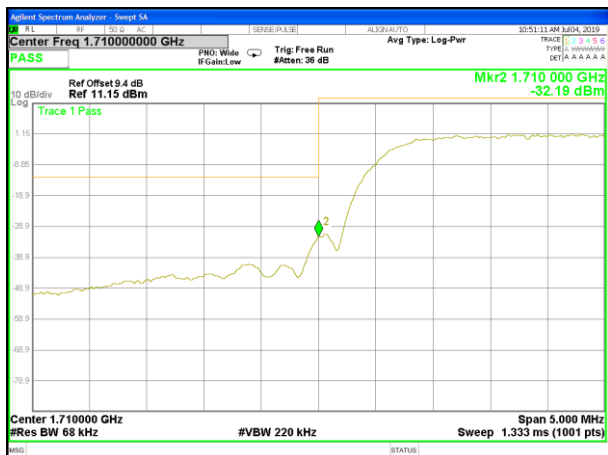
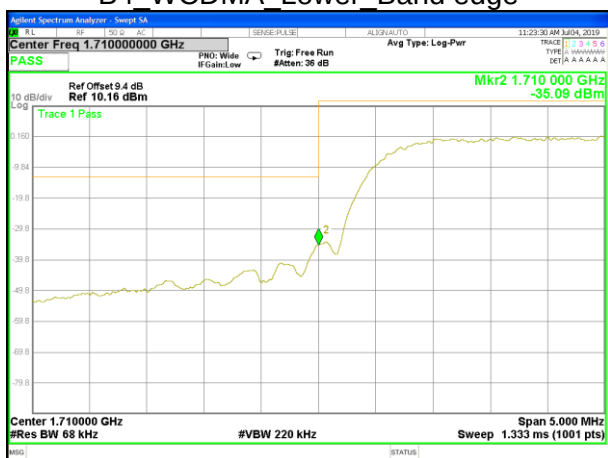




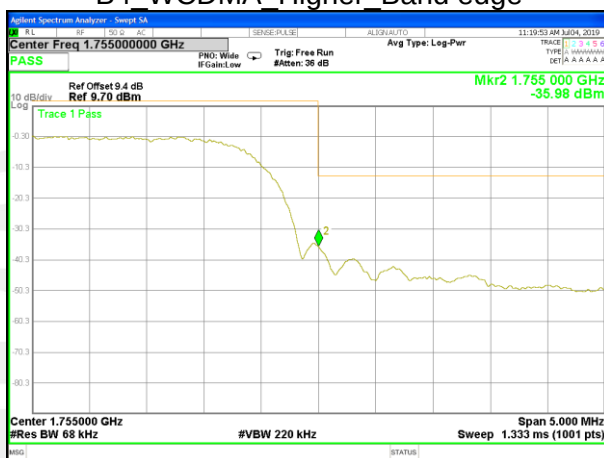
B4_WCDMA_Lower_Band edge



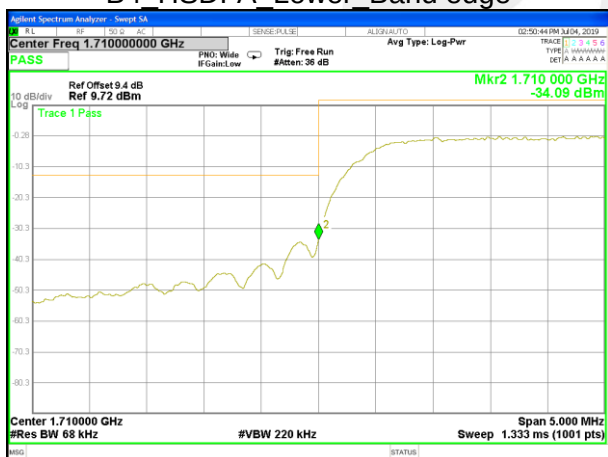
B4_WCDMA_Higher_Band edge



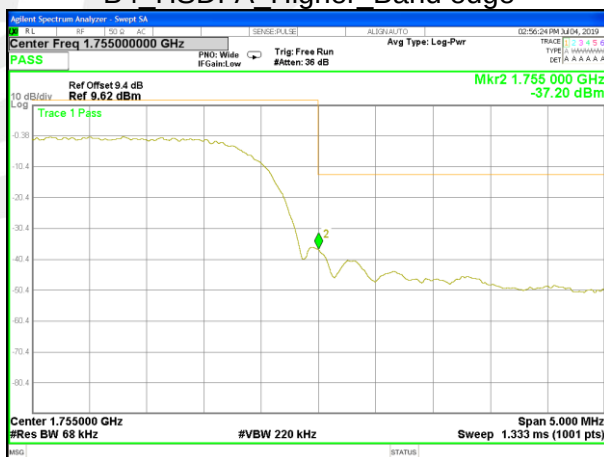
B4_HSDPA_Lower_Band edge



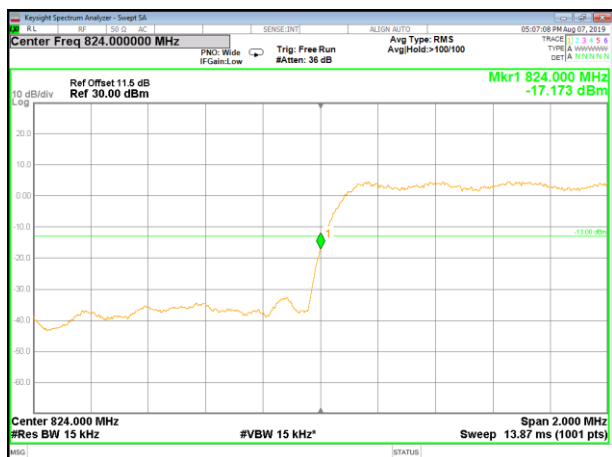
B4_HSDPA_Higher_Band edge



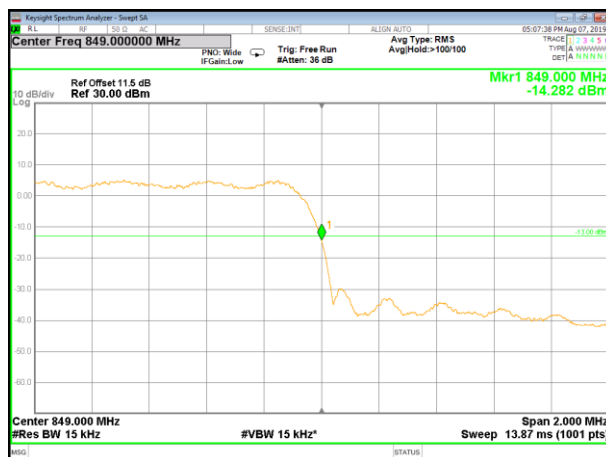
B4_HSUPA_Lower_Band edge



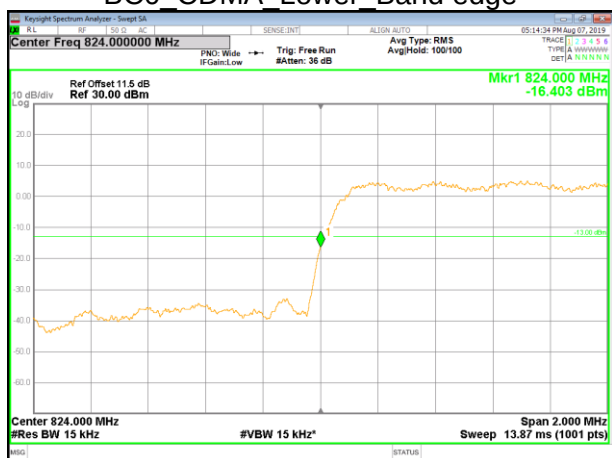
B4_HSUPA_Higher_Band edge



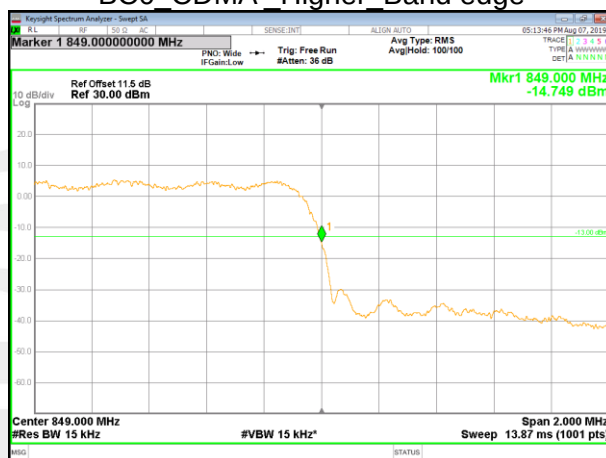
BC0 CDMA Lower Band edge



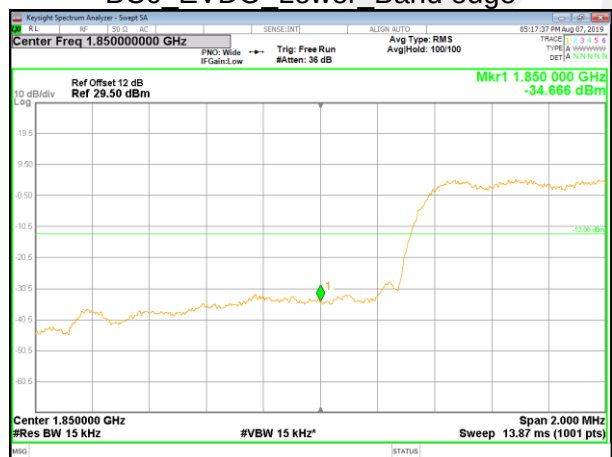
BC0 CDMA Higher Band edge



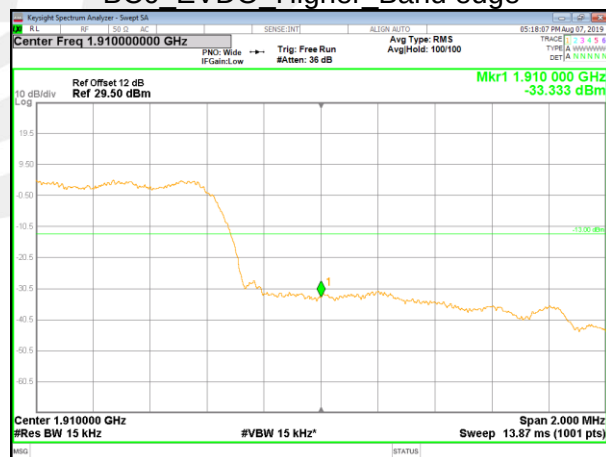
BC0 EVDO Lower Band edge



BC0 EVDO Higher Band edge



BC1_CDMA_Lower_Band edge



BC1_CDMA_Higher_Band edge



BC1_EVDO_Lower_Band edge



BC1_EVDO_Higher_Band edge



A8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

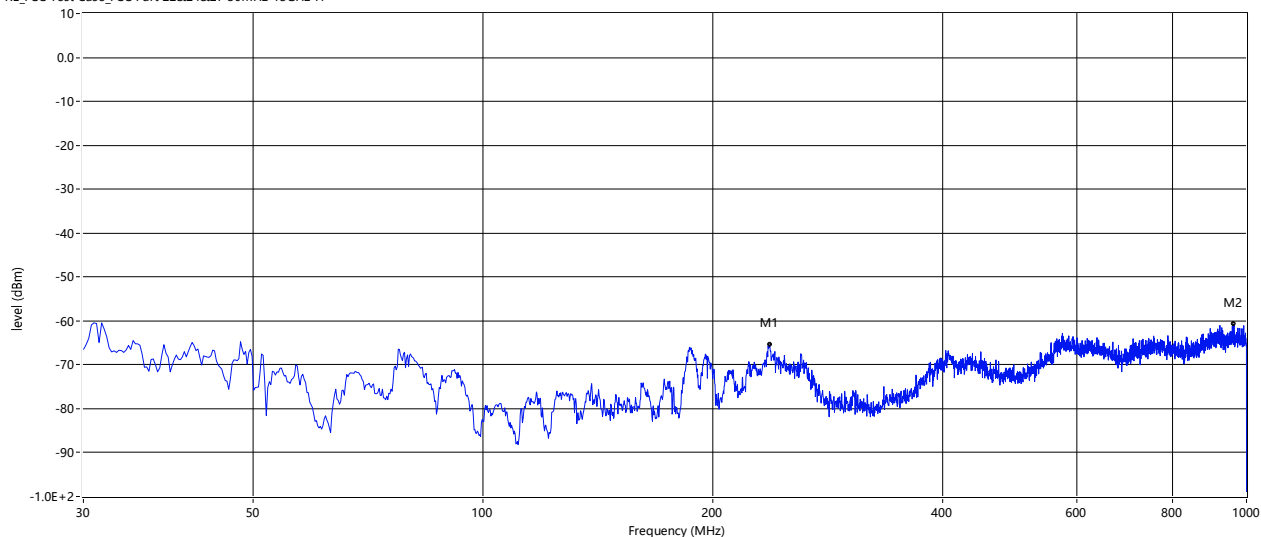
30MHz to 1GHz test data

Remark: The all modes had been test, but only worse test data was recorded in the test report.

GPRS 850(Worst case)

Horitonal

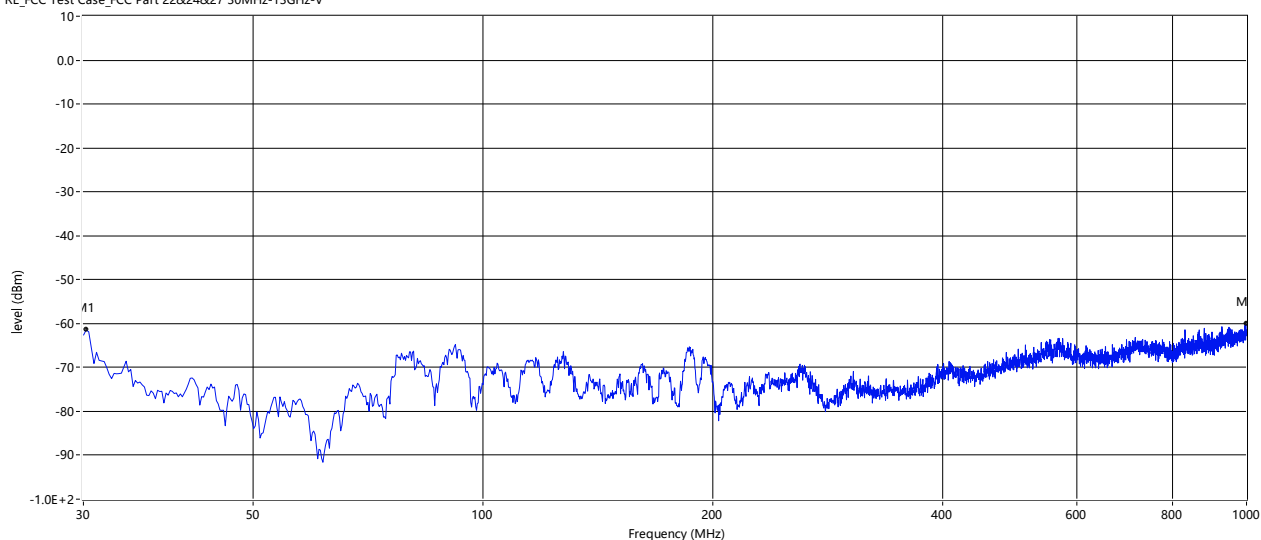
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
237.580	-65.44	-0.60	-13.0	-52.44	8.00	Horizontal	Vertical	Pass
962.898	-60.80	12.24	-13.0	-47.80	8.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



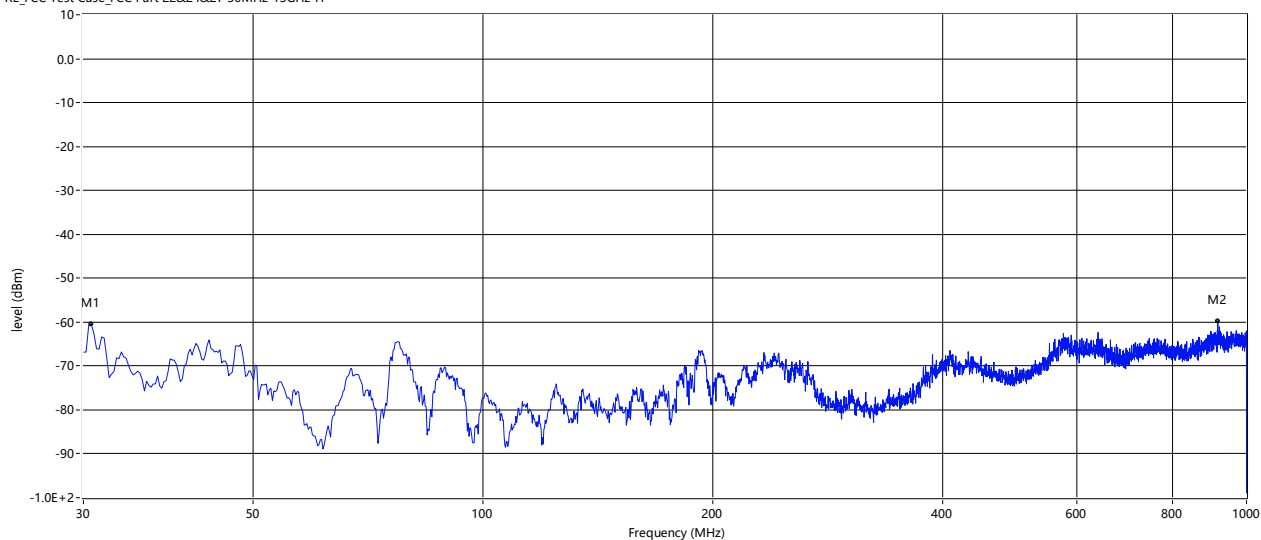
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.000	-62.70	-4.24	-13.0	-49.70	9.00	Vertical	Vertical	Pass
999.030	-60.02	13.33	-13.0	-47.02	2.00	Vertical	Vertical	Pass



GPRS 1900(Worst case)

Horitonal

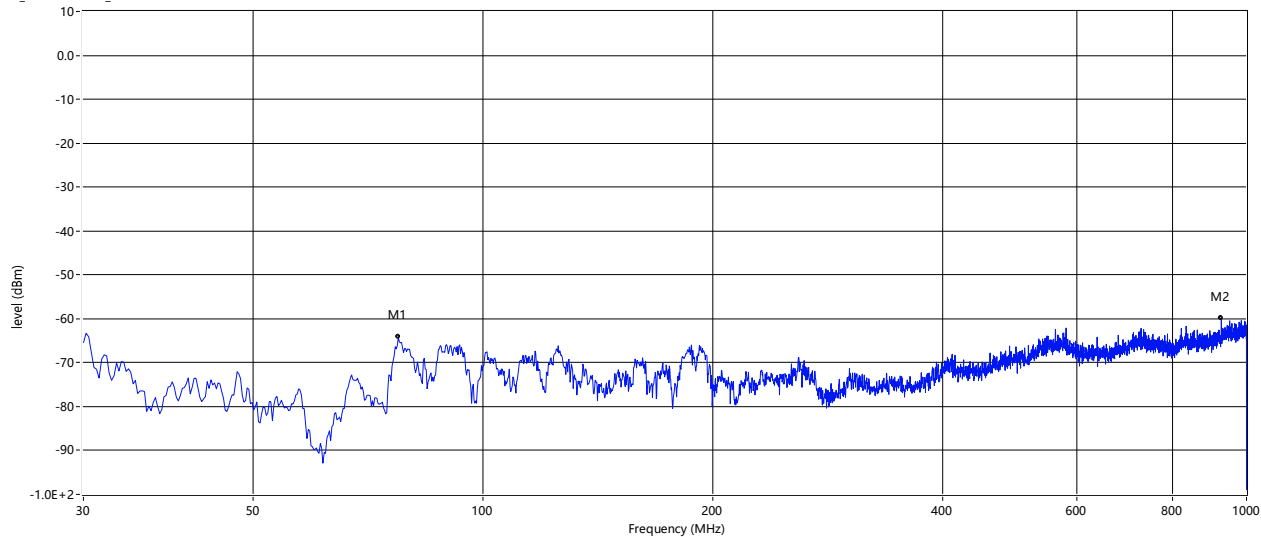
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.727	-60.50	-2.48	-13.0	-47.50	4.00	Horizontal	Vertical	Pass
917.065	-59.88	12.20	-13.0	-46.88	1.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



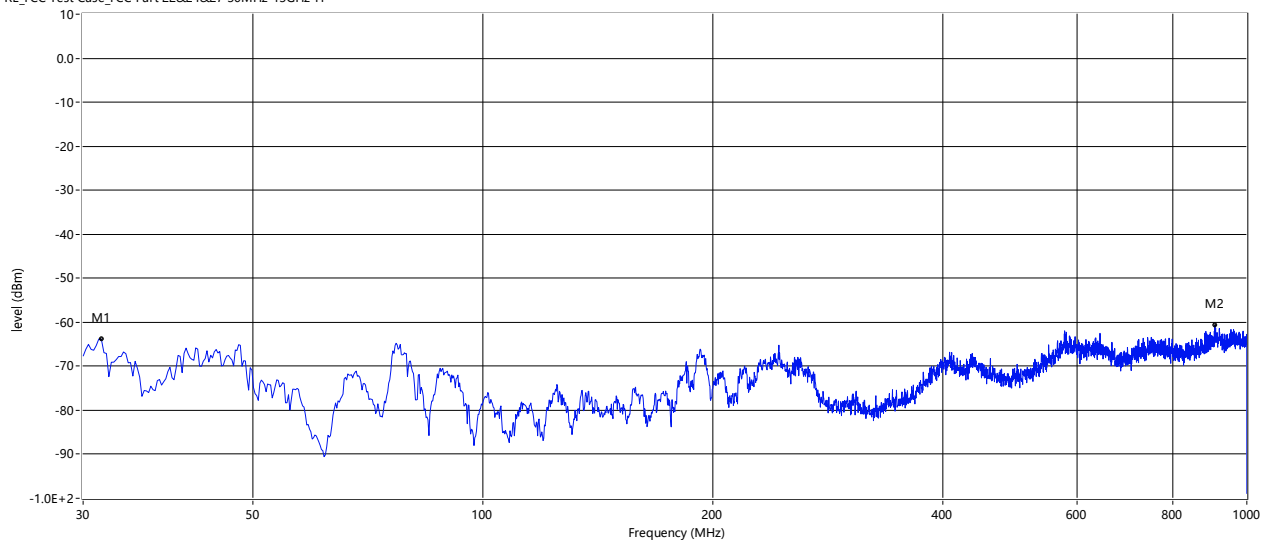
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
77.530	-64.19	-14.01	-13.0	-51.19	9.00	Vertical	Vertical	Pass
926.765	-59.80	12.09	-13.0	-46.80	1.00	Vertical	Vertical	Pass



WCDMA Band 2(Worst case)

Horitonal

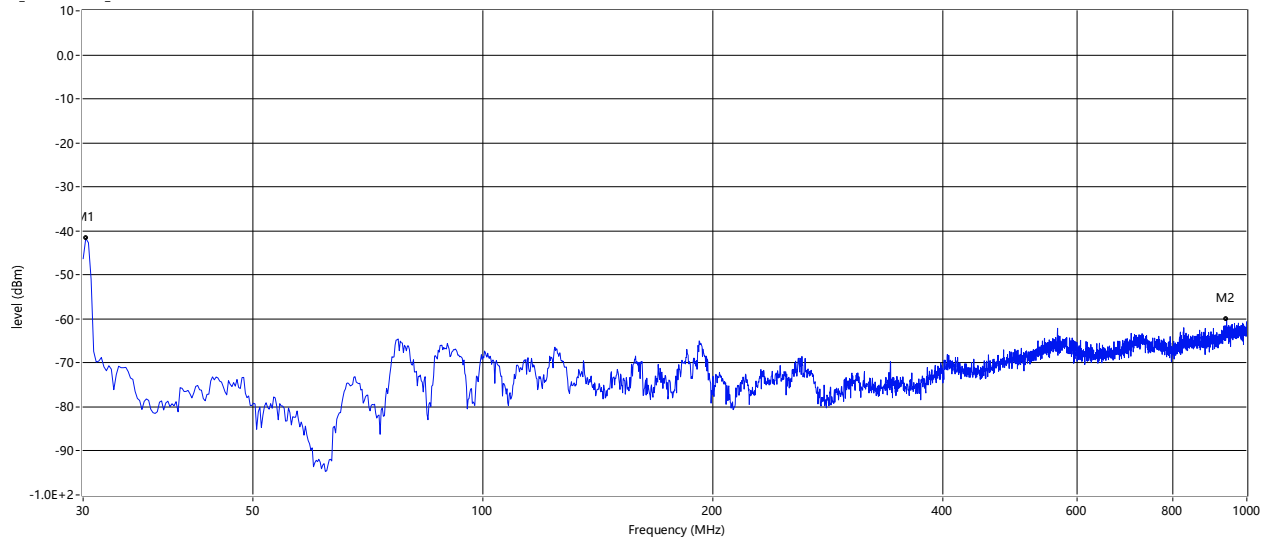
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
31.698	-63.87	-2.48	-13.0	-50.87	6.00	Horizontal	Vertical	Pass
908.093	-60.75	11.82	-13.0	-47.75	5.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



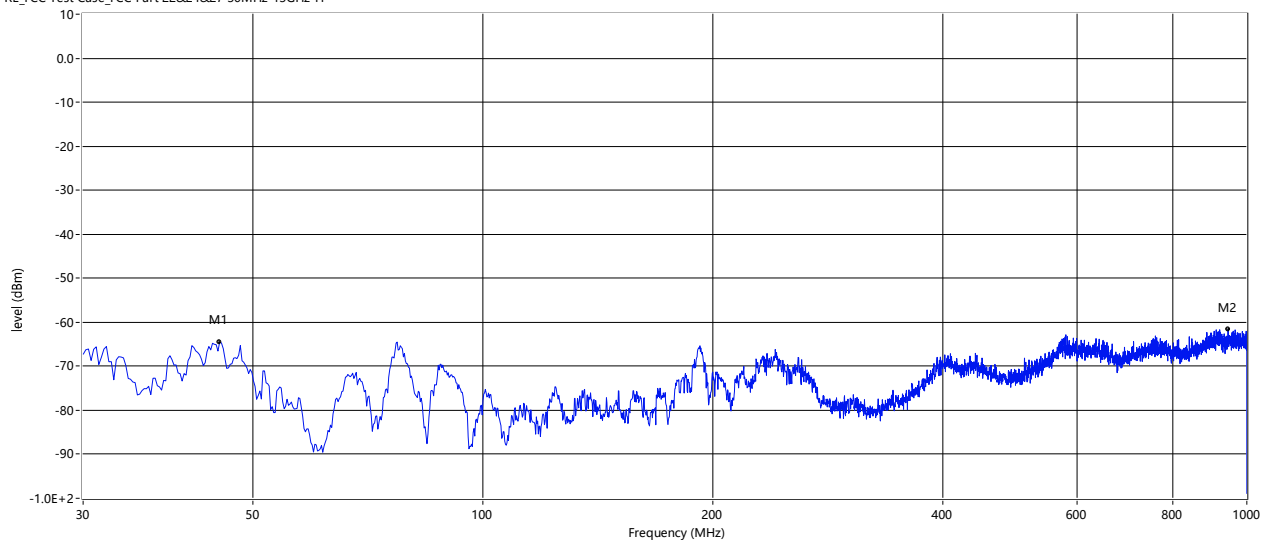
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.000	-46.41	-4.24	-13.0	-33.41	1.00	Vertical	Vertical	Pass
940.830	-60.14	12.88	-13.0	-47.14	2.00	Vertical	Vertical	Pass



WCDMA Band 4(Worst case)

Horitonal

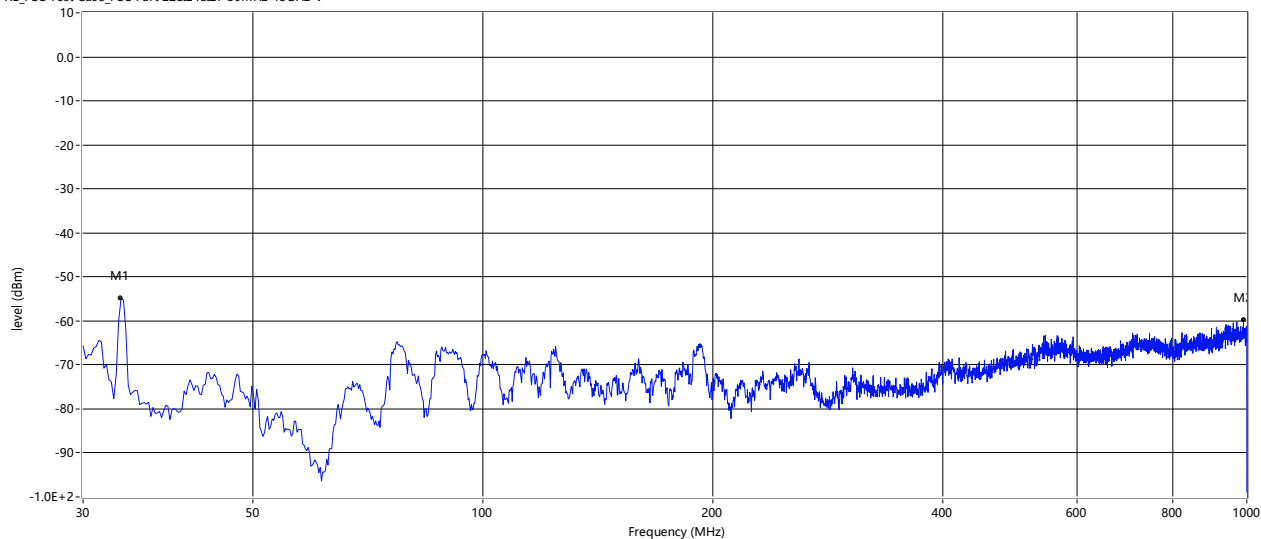
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
45.278	-64.43	-6.32	-13.0	-51.43	7.00	Horizontal	Vertical	Pass
945.195	-61.66	11.28	-13.0	-48.66	8.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



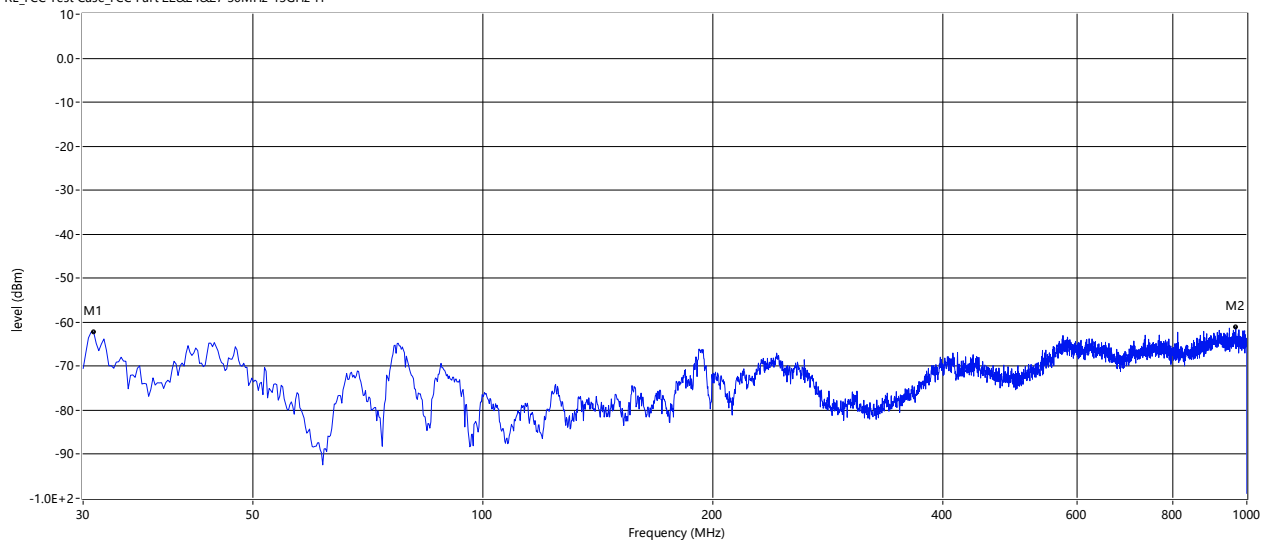
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
33.638	-54.82	-6.59	-13.0	-41.82	1.00	Vertical	Vertical	Pass
990.057	-59.74	13.23	-13.0	-46.74	2.00	Vertical	Vertical	Pass



WCDMA Band 5(Worst case)

Horitonal

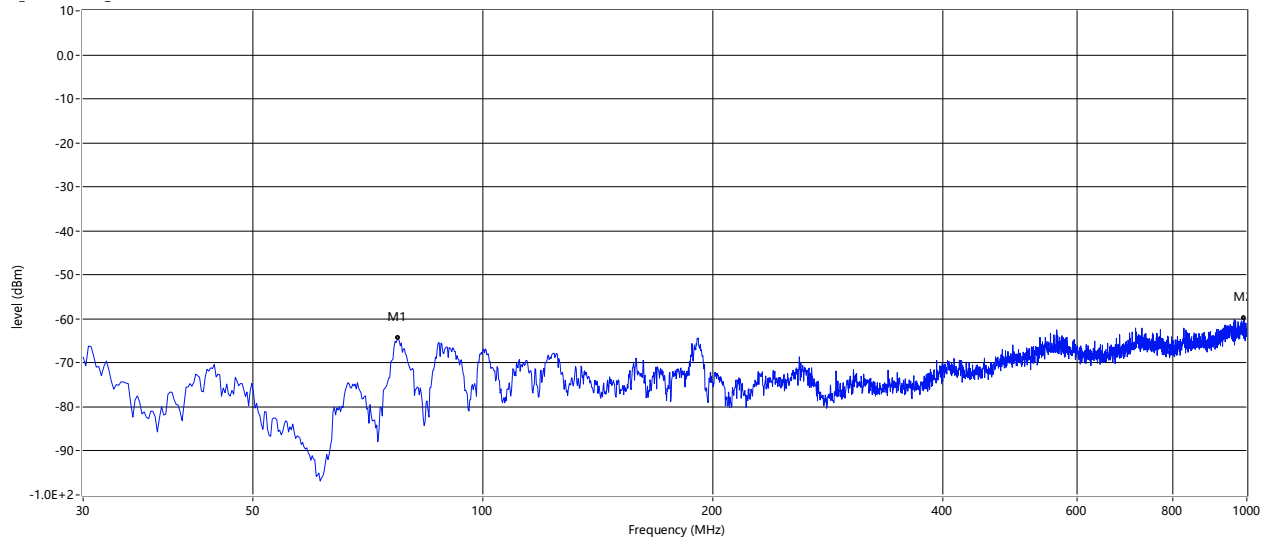
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.970	-62.27	-2.48	-13.0	-49.27	4.00	Horizontal	Vertical	Pass
967.263	-61.11	12.11	-13.0	-48.11	4.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



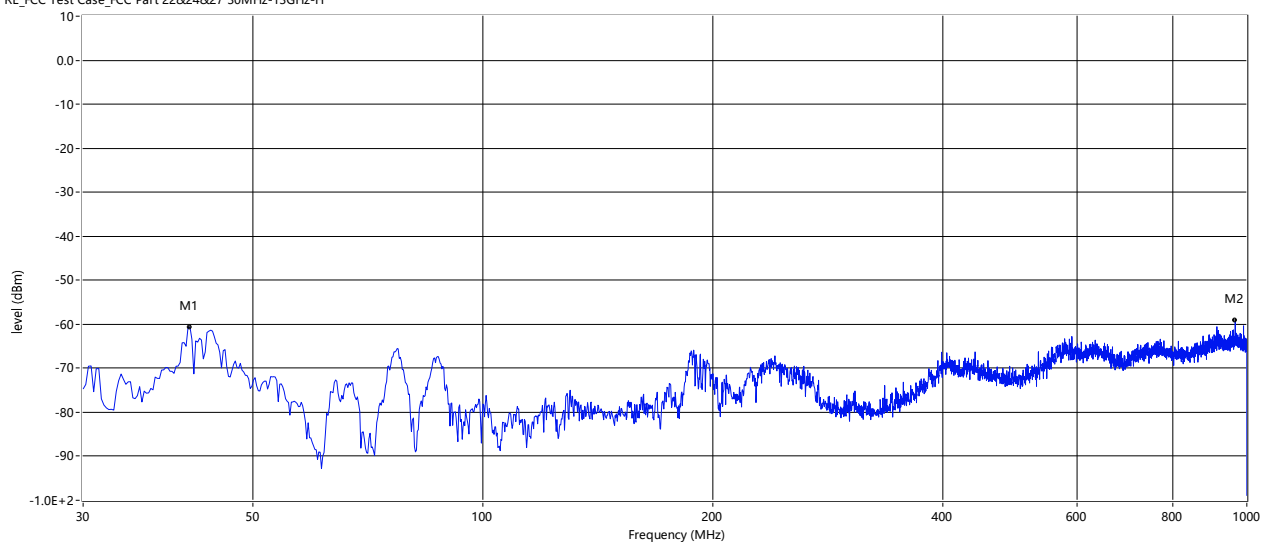
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
77.530	-64.31	-14.01	-13.0	-51.31	9.00	Vertical	Vertical	Pass
991.513	-59.78	13.25	-13.0	-46.78	3.00	Vertical	Vertical	Pass



CDMA BC0(Worst case)

Horitonal

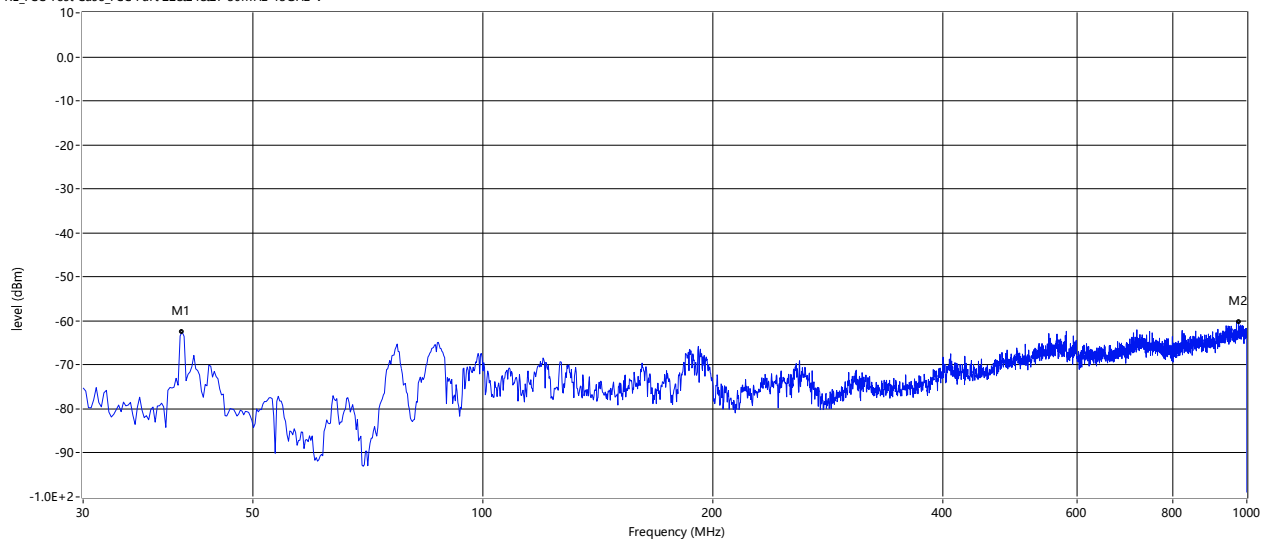
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
41.398	-60.69	-3.47	-13.0	-47.69	1.00	Horizontal	Vertical	Pass
965.565	-59.25	12.16	-13.0	-46.25	9.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



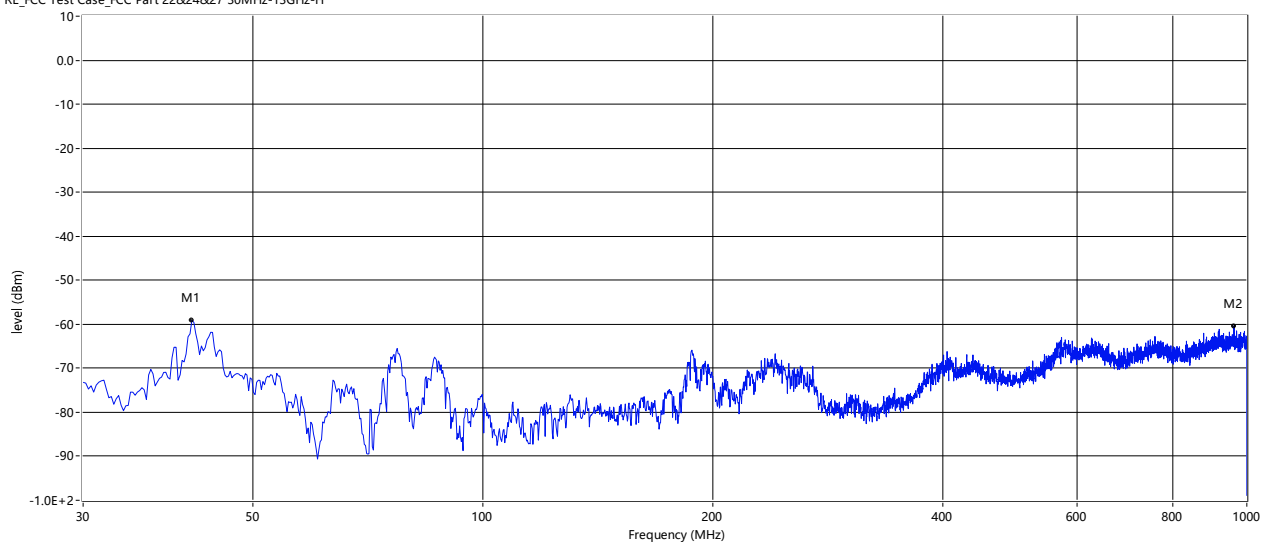
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
40.428	-62.50	-10.95	-13.0	-49.50	10.00	Vertical	Vertical	Pass
975.508	-60.22	13.03	-13.0	-47.22	10.00	Vertical	Vertical	Pass



CDMA BC1(Worst case)

Horizontal

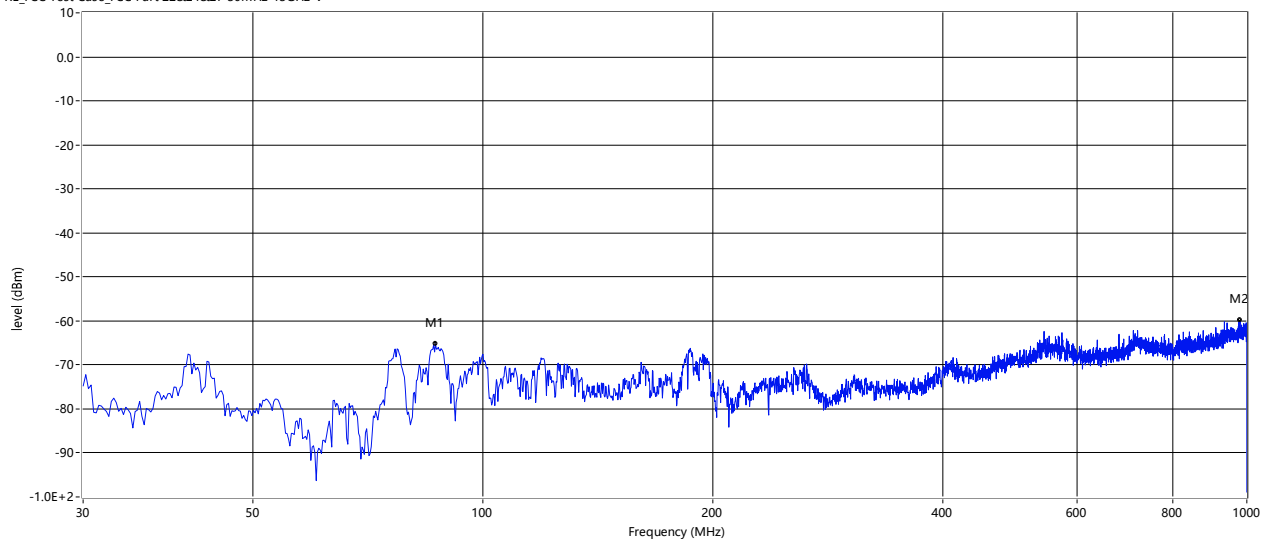
RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
41.640	-59.08	-3.65	-13.0	-46.08	6.00	Horizontal	Vertical	Pass
962.170	-60.38	12.26	-13.0	-47.38	8.00	Horizontal	Vertical	Pass

Vertical

RE_FCC Test Case_FCC Part 22&24&27 30MHz-13GHz-V



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
86.745	-65.23	-9.47	-13.0	-52.23	10.00	Vertical	Vertical	Pass
979.388	-59.89	13.11	-13.0	-46.89	8.00	Vertical	Vertical	Pass



Note: (1) Below 30MHz no Spurious found is the worst condition.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

GPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.32	-40.15	9.40	4.75	-35.50	-13.00	-22.50	H
2472.55	-39.67	10.60	8.39	-37.46	-13.00	-24.46	H
3296.86	-30.97	12.00	11.79	-30.76	-13.00	-17.76	H
1648.17	-44.46	9.40	4.75	-39.81	-13.00	-26.81	V
2472.52	-45.16	10.60	8.39	-42.95	-13.00	-29.95	V
3296.90	-42.72	12.00	11.79	-42.51	-13.00	-29.51	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.14	-41.37	9.50	4.76	-36.63	-13.00	-23.63	H
2509.55	-39.37	10.70	8.40	-37.07	-13.00	-24.07	H
3346.44	-32.28	12.20	11.80	-31.88	-13.00	-18.88	H
1673.04	-43.50	9.40	4.75	-38.85	-13.00	-25.85	V
2509.79	-44.88	10.60	8.39	-42.67	-13.00	-29.67	V
3346.01	-42.90	12.20	11.82	-42.52	-13.00	-29.52	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.49	-41.55	9.60	4.77	-36.72	-13.00	-23.72	H
2546.24	-40.18	10.80	8.50	-37.88	-13.00	-24.88	H
3395.11	-31.96	12.50	11.90	-31.36	-13.00	-18.36	H
1697.30	-44.18	9.60	4.77	-39.35	-13.00	-26.35	V
2546.22	-44.48	10.80	8.50	-42.18	-13.00	-29.18	V
3395.15	-43.27	12.50	11.90	-42.67	-13.00	-29.67	V



EGPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1648.10	-40.93	9.40	4.75	-36.28	-13.00	-23.28	H
2472.35	-39.91	10.60	8.39	-37.70	-13.00	-24.70	H
3296.44	-32.18	12.00	11.79	-31.97	-13.00	-18.97	H
1648.16	-43.99	9.40	4.75	-39.34	-13.00	-26.34	V
2472.37	-43.99	10.60	8.39	-41.78	-13.00	-28.78	V
3296.60	-42.87	12.00	11.79	-42.66	-13.00	-29.66	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1672.93	-40.32	9.50	4.76	-35.58	-13.00	-22.58	H
2509.47	-39.88	10.70	8.40	-37.58	-13.00	-24.58	H
3345.96	-32.17	12.20	11.80	-31.77	-13.00	-18.77	H
1673.10	-44.53	9.40	4.75	-39.88	-13.00	-26.88	V
2509.65	-44.64	10.60	8.39	-42.43	-13.00	-29.43	V
3345.97	-43.09	12.20	11.82	-42.71	-13.00	-29.71	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
1697.30	-41.56	9.60	4.77	-36.73	-13.00	-23.73	H
2546.53	-39.96	10.80	8.50	-37.66	-13.00	-24.66	H
3394.85	-31.47	12.50	11.90	-30.87	-13.00	-17.87	H
1697.52	-44.14	9.60	4.77	-39.31	-13.00	-26.31	V
2546.47	-45.41	10.80	8.50	-43.11	-13.00	-30.11	V
3395.09	-43.55	12.50	11.90	-42.95	-13.00	-29.95	V



GPRS1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3700.11	-33.81	12.60	12.93	-34.14	-13.00	-21.14	H
5550.50	-35.21	13.10	17.11	-39.22	-13.00	-26.22	H
7400.75	-33.23	11.50	22.20	-43.93	-13.00	-30.93	H
3700.51	-35.88	12.60	12.93	-36.21	-13.00	-23.21	V
5550.42	-34.03	13.10	17.11	-38.04	-13.00	-25.04	V
7400.91	-32.45	11.50	22.20	-43.15	-13.00	-30.15	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3759.98	-33.83	12.60	12.93	-34.16	-13.00	-21.16	H
5640.22	-34.90	13.10	17.11	-38.91	-13.00	-25.91	H
7520.26	-32.82	11.50	22.20	-43.52	-13.00	-30.52	H
3760.17	-35.67	12.60	12.93	-36.00	-13.00	-23.00	V
5640.12	-34.47	13.10	17.11	-38.48	-13.00	-25.48	V
7520.19	-31.79	11.50	22.20	-42.49	-13.00	-29.49	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3819.28	-34.59	12.60	12.93	-34.92	-13.00	-21.92	H
5729.38	-34.57	13.10	17.11	-38.58	-13.00	-25.58	H
7639.02	-33.00	11.50	22.20	-43.70	-13.00	-30.70	H
3819.40	-34.88	12.60	12.93	-35.21	-13.00	-22.21	V
5729.28	-34.13	13.10	17.11	-38.14	-13.00	-25.14	V
7639.27	-31.72	11.50	22.20	-42.42	-13.00	-29.42	V



EGPRS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3700.16	-33.85	12.60	12.93	-34.18	-13.00	-21.18	H
5550.53	-34.66	13.10	17.11	-38.67	-13.00	-25.67	H
7400.80	-33.05	11.50	22.20	-43.75	-13.00	-30.75	H
3700.51	-35.77	12.60	12.93	-36.10	-13.00	-23.10	V
5550.52	-34.68	13.10	17.11	-38.69	-13.00	-25.69	V
7400.72	-32.07	11.50	22.20	-42.77	-13.00	-29.77	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3760.07	-33.90	12.60	12.93	-34.23	-13.00	-21.23	H
5639.90	-34.70	13.10	17.11	-38.71	-13.00	-25.71	H
7520.10	-32.16	11.50	22.20	-42.86	-13.00	-29.86	H
3760.35	-35.12	12.60	12.93	-35.45	-13.00	-22.45	V
5640.11	-34.94	13.10	17.11	-38.95	-13.00	-25.95	V
7520.06	-32.47	11.50	22.20	-43.17	-13.00	-30.17	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
3819.54	-33.94	12.60	12.93	-34.27	-13.00	-21.27	H
5729.33	-35.23	13.10	17.11	-39.24	-13.00	-26.24	H
7638.89	-32.23	11.50	22.20	-42.93	-13.00	-29.93	H
3819.56	-35.48	12.60	12.93	-35.81	-13.00	-22.81	V
5729.43	-34.62	13.10	17.11	-38.63	-13.00	-25.63	V
7639.29	-32.65	11.50	22.20	-43.35	-13.00	-30.35	V