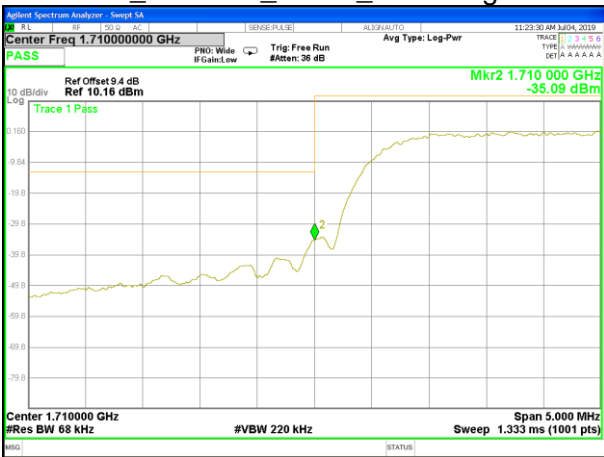


B4\_WCDMA\_Lower\_Band edge



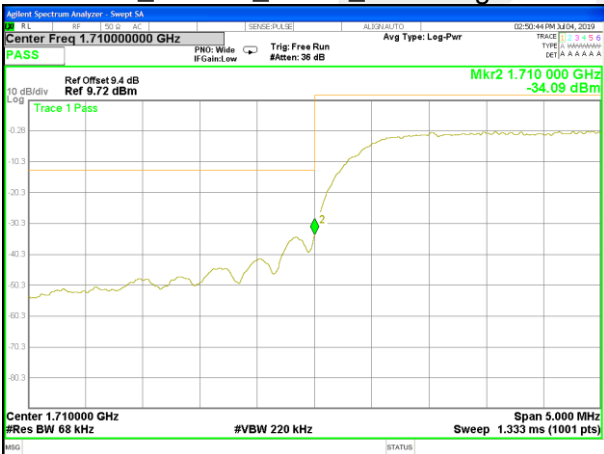
B4\_WCDMA\_Higher\_Band edge



B4\_HSDPA\_Lower\_Band edge



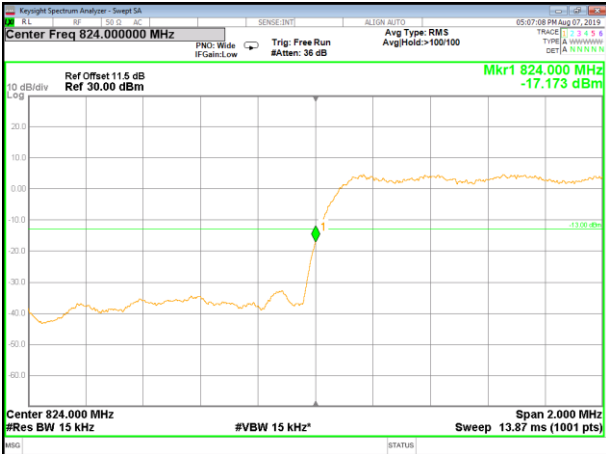
B4\_HSDPA\_Higher\_Band edge



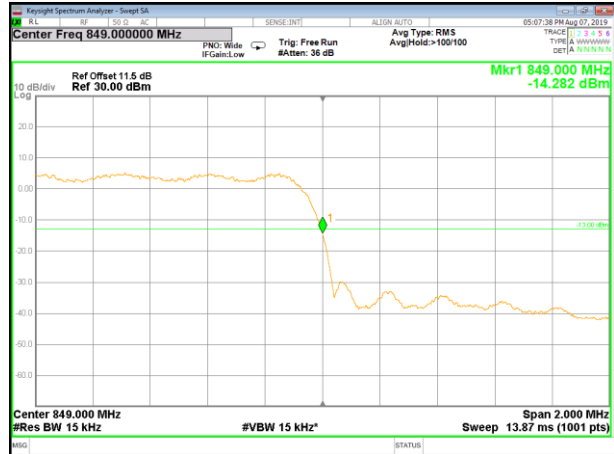
B4\_HSUPA\_Lower\_Band edge



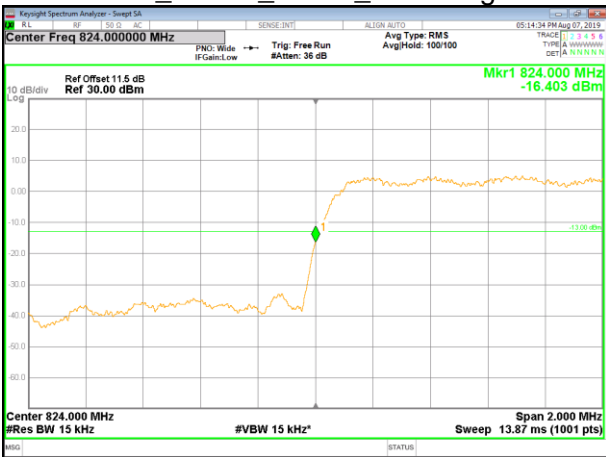
B4\_HSUPA\_Higher\_Band edge



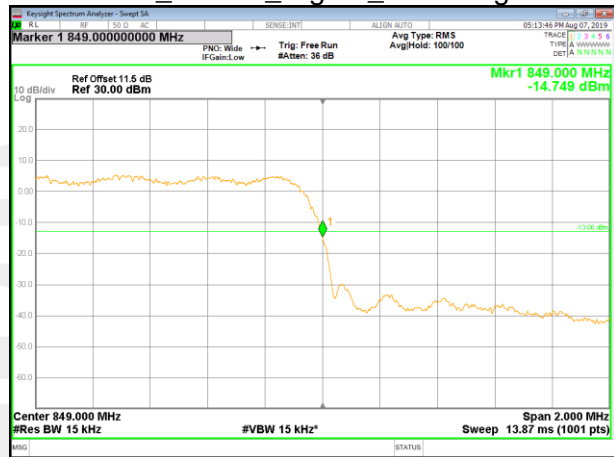
BC0\_CDMA\_Lower\_Band edge



BC0\_CDMA\_Higher\_Band edge



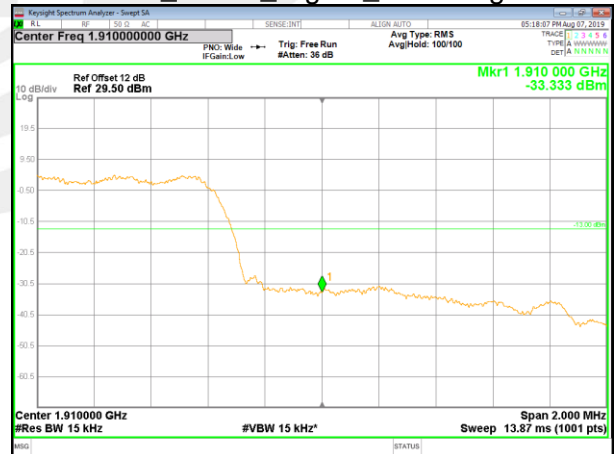
BC0\_EVDO\_Lower\_Band edge



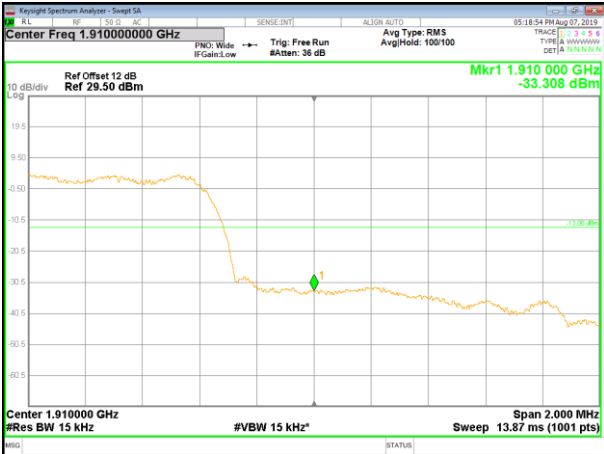
BC0\_EVDO\_Higher\_Band edge



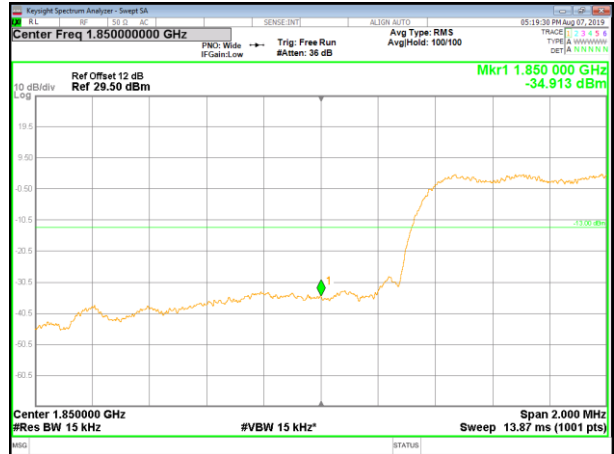
BC1\_CDMA\_Lower\_Band edge



BC1\_CDMA\_Higher\_Band edge



BC1\_EVDO\_Lower\_Band edge



BC1\_EVDO\_Higher\_Band edge





A8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

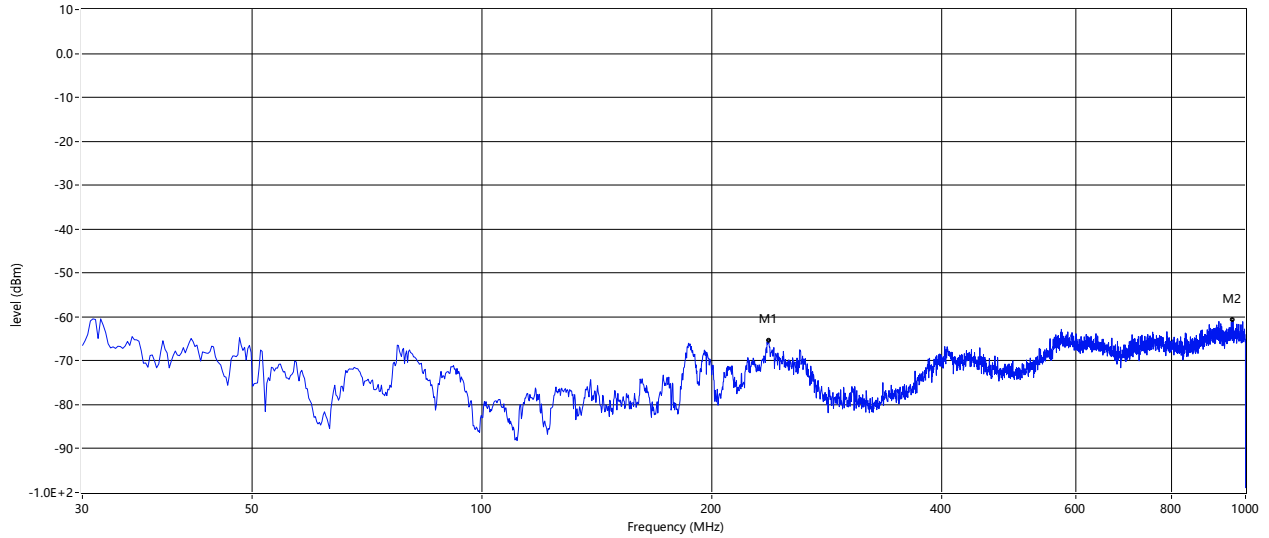
30MHz to 1GHz test data

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

GPRS 850(Worst case)

Horitonal

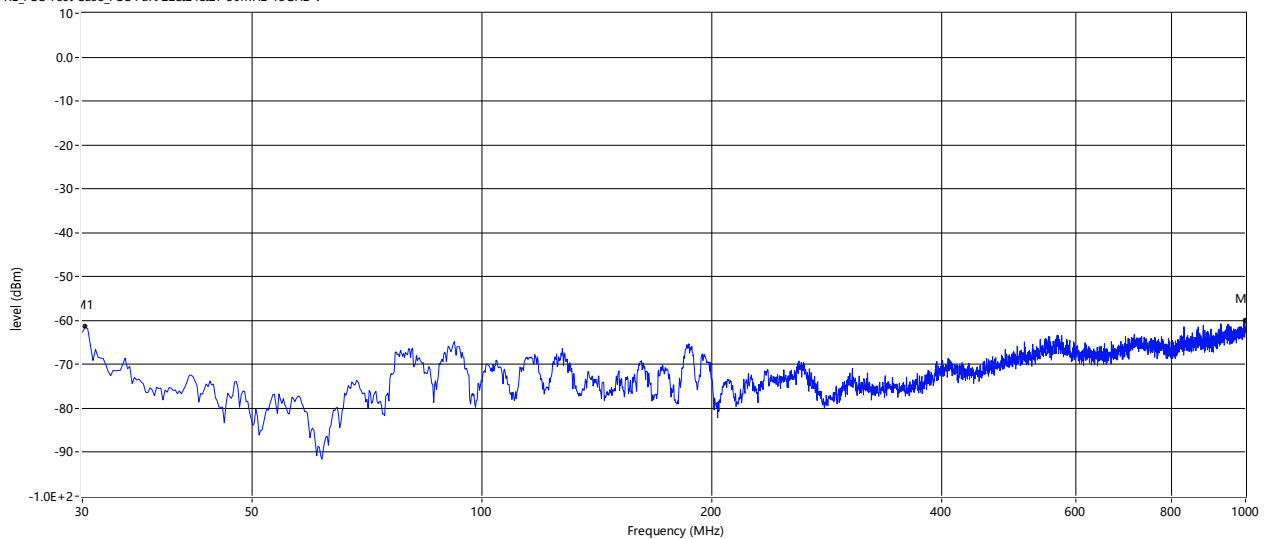
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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

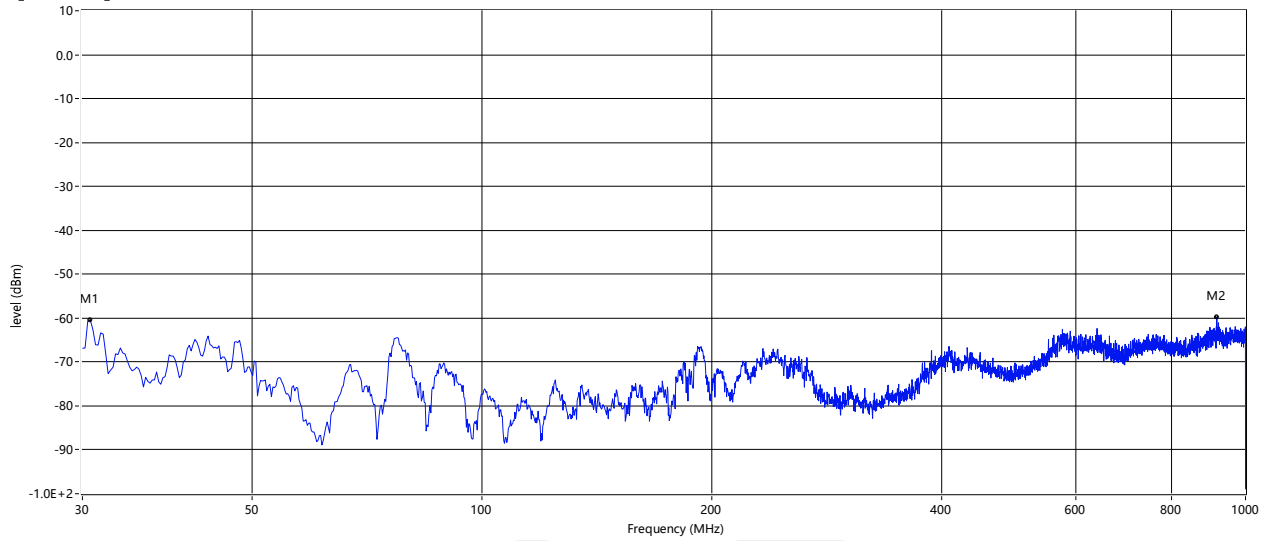


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.000	-62.70	-4.24	-13.0	-49.70	9.00	Vertical	Vertical	Pass
999.030	-60.02	13.33	-13.0	-47.02	2.00	Vertical	Vertical	Pass



GPRS 1900(Worst case)  
Horitonal

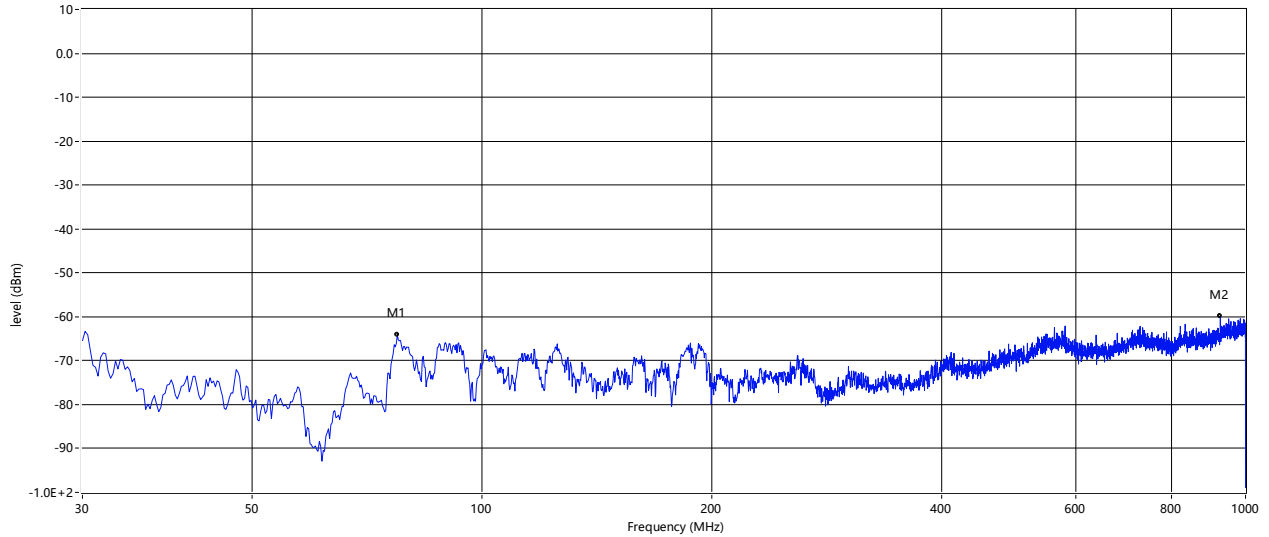
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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

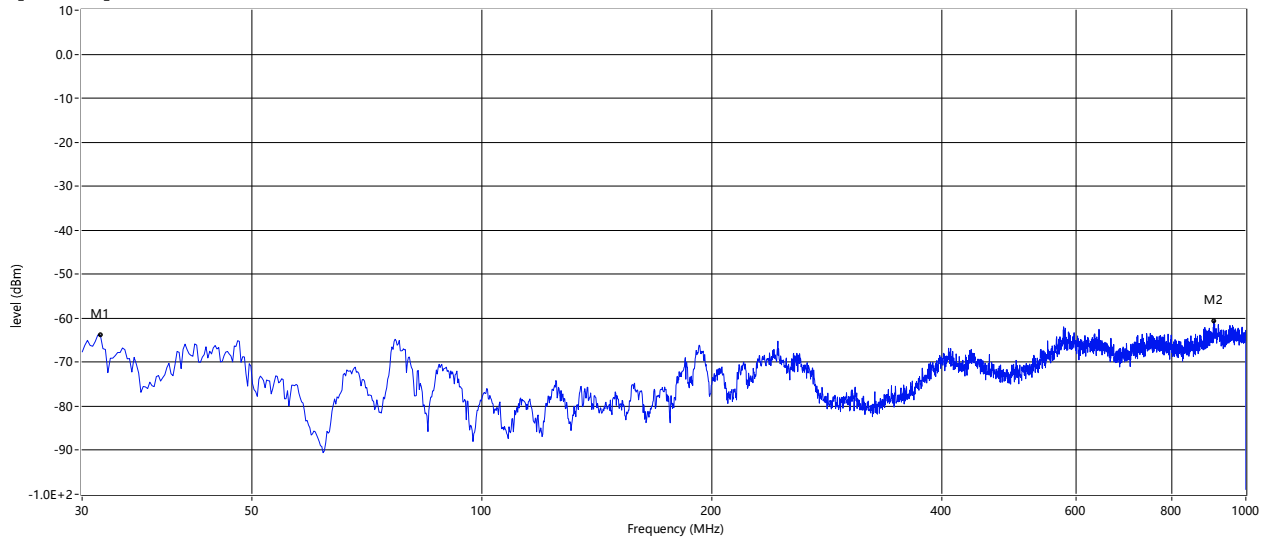


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
77.530	-64.19	-14.01	-13.0	-51.19	9.00	Vertical	Vertical	Pass
926.765	-59.80	12.09	-13.0	-46.80	1.00	Vertical	Vertical	Pass



WCDMA Band 2(Worst case)  
Horitonal

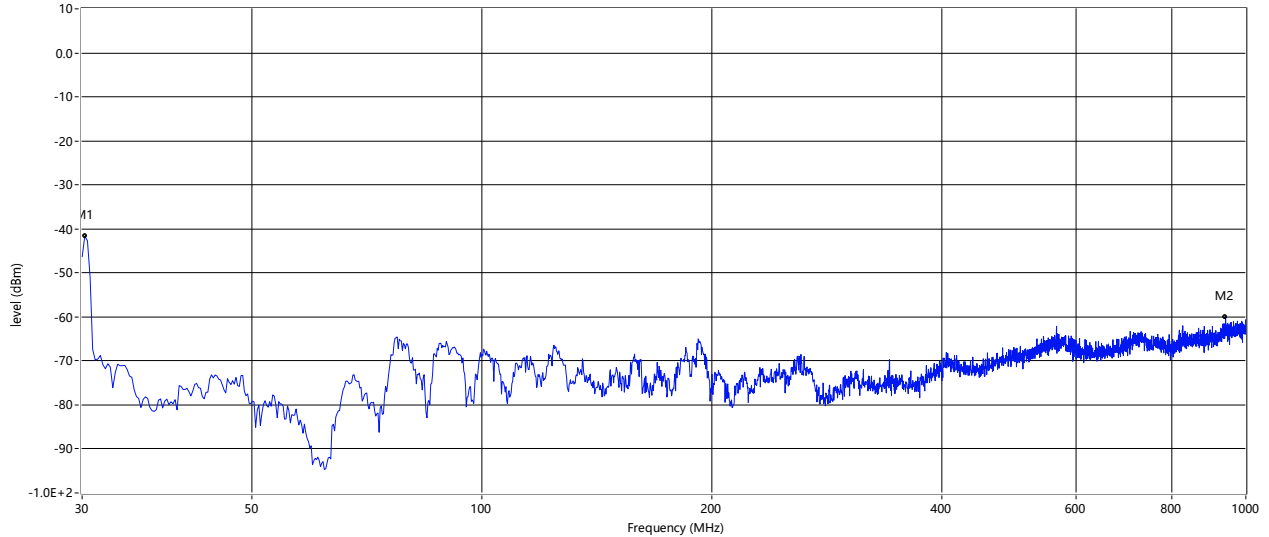
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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



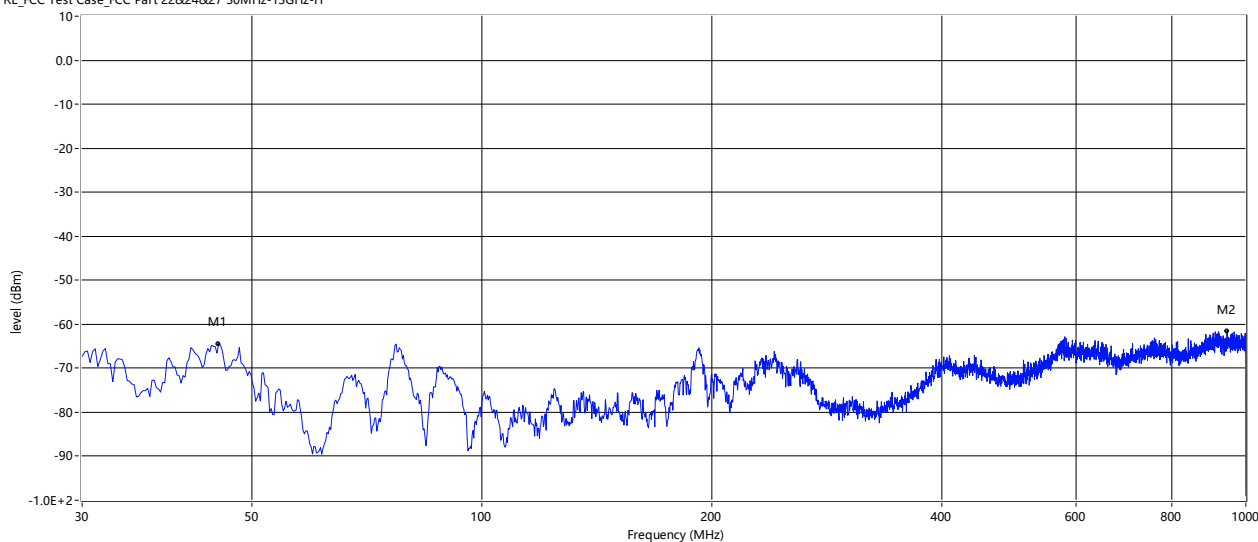
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
30.000	-46.41	-4.24	-13.0	-33.41	1.00	Vertical	Vertical	Pass
940.830	-60.14	12.88	-13.0	-47.14	2.00	Vertical	Vertical	Pass



WCDMA Band 4(Worst case)

Horitonal

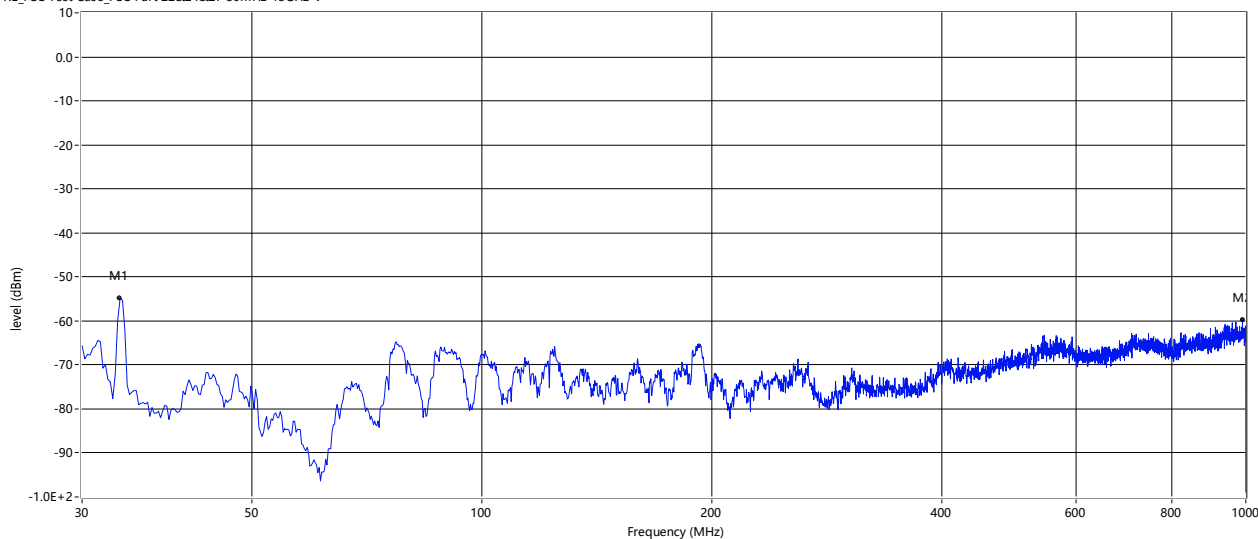
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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

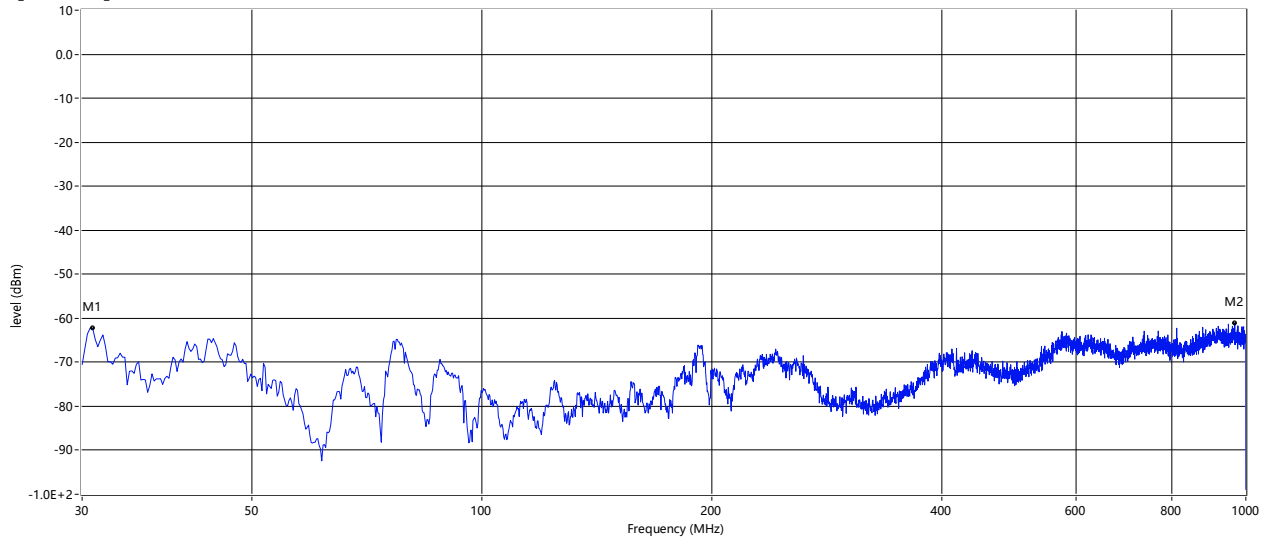


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
33.638	-54.82	-6.59	-13.0	-41.82	1.00	Vertical	Vertical	Pass
990.057	-59.74	13.23	-13.0	-46.74	2.00	Vertical	Vertical	Pass



WCDMA Band 5(Worst case)  
Horitonal

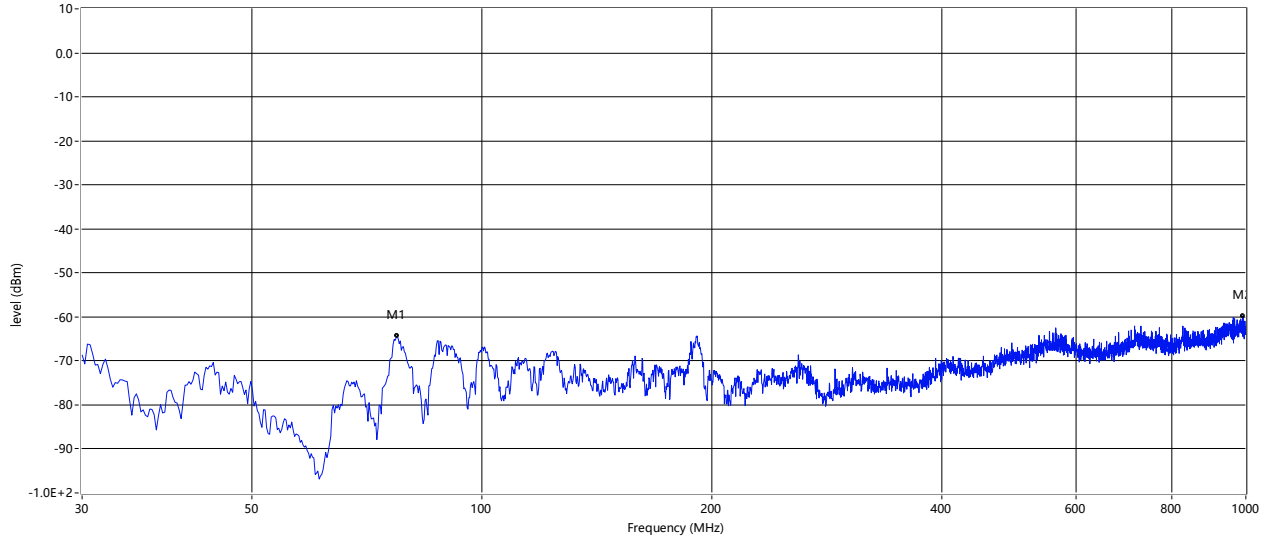
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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



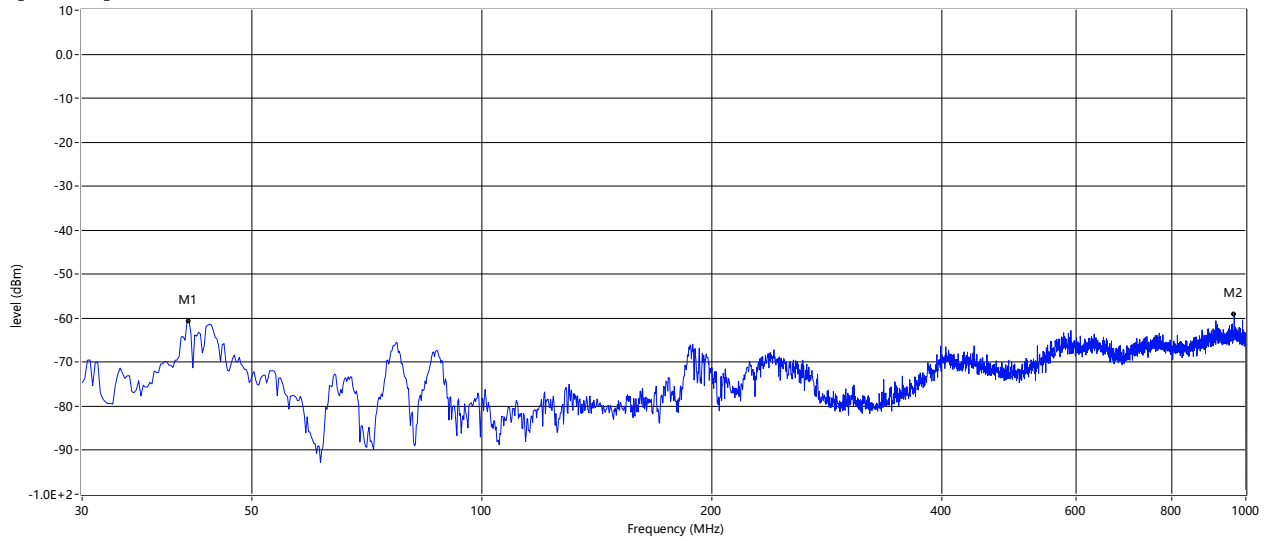
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
77.530	-64.31	-14.01	-13.0	-51.31	9.00	Vertical	Vertical	Pass
991.513	-59.78	13.25	-13.0	-46.78	3.00	Vertical	Vertical	Pass





CDMA BC0(Worst case)  
Horitonal

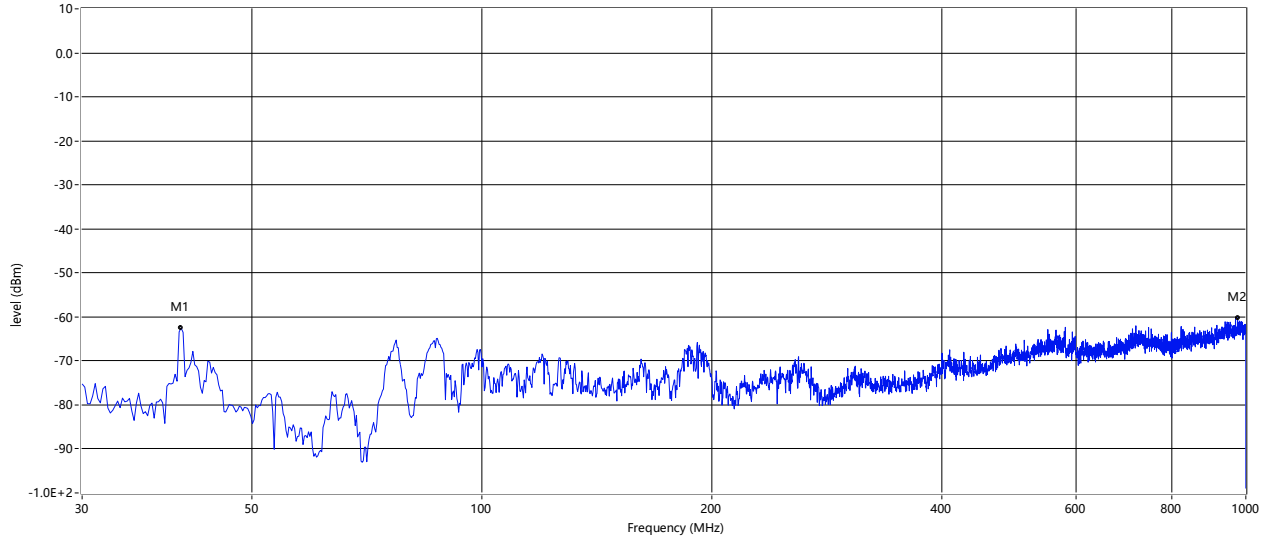
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



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

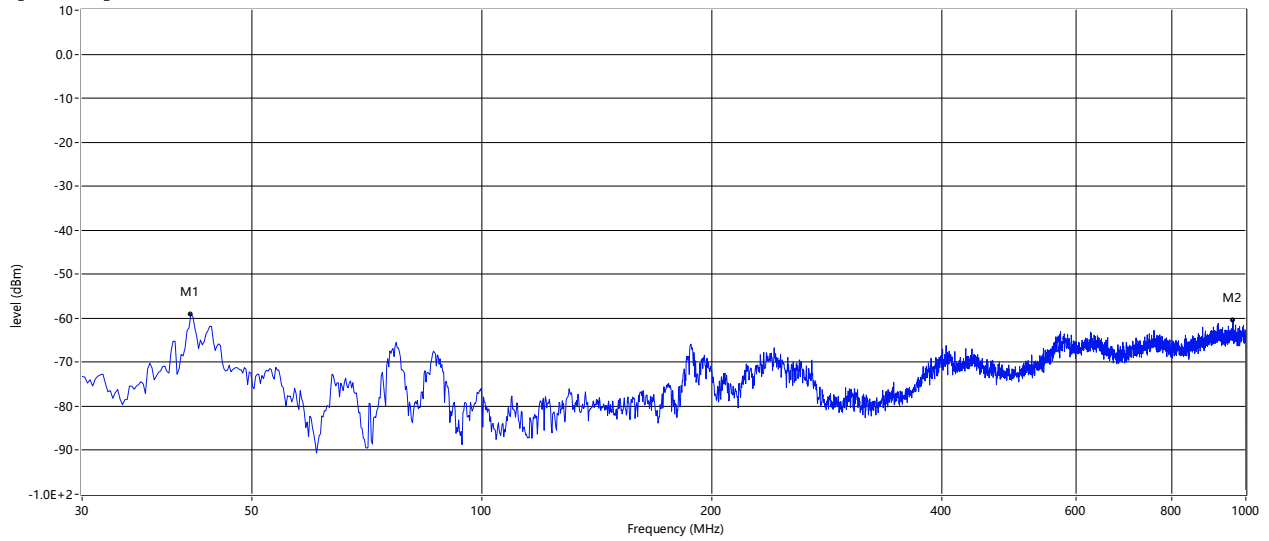


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
40.428	-62.50	-10.95	-13.0	-49.50	10.00	Vertical	Vertical	Pass
975.508	-60.22	13.03	-13.0	-47.22	10.00	Vertical	Vertical	Pass



CDMA BC1(Worst case)  
Horitonal

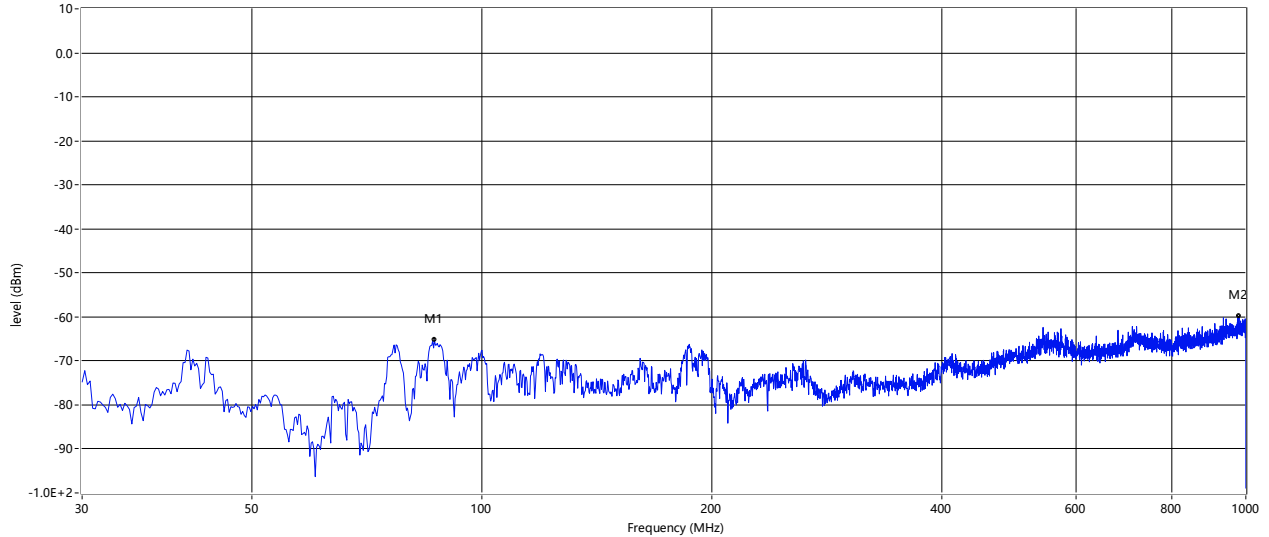
RE\_FCC Test Case\_FCC Part 22&24&27 30MHz-13GHz-H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
41.640	-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	Limit	Margin	Polarity
				(dBm)	( dBm )	(dBm)	
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	<b>-30.76</b>	-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	Limit	Margin	Polarity
				(dBm)	( dBm )	(dBm)	
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	<b>-31.88</b>	-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	Limit	Margin	Polarity
				(dBm)	( dBm )	(dBm)	
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	<b>-31.36</b>	-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	<b>-31.97</b>	-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	<b>-31.77</b>	-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	<b>-30.87</b>	-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