

A.7 Field Strength of Spurious Radiation

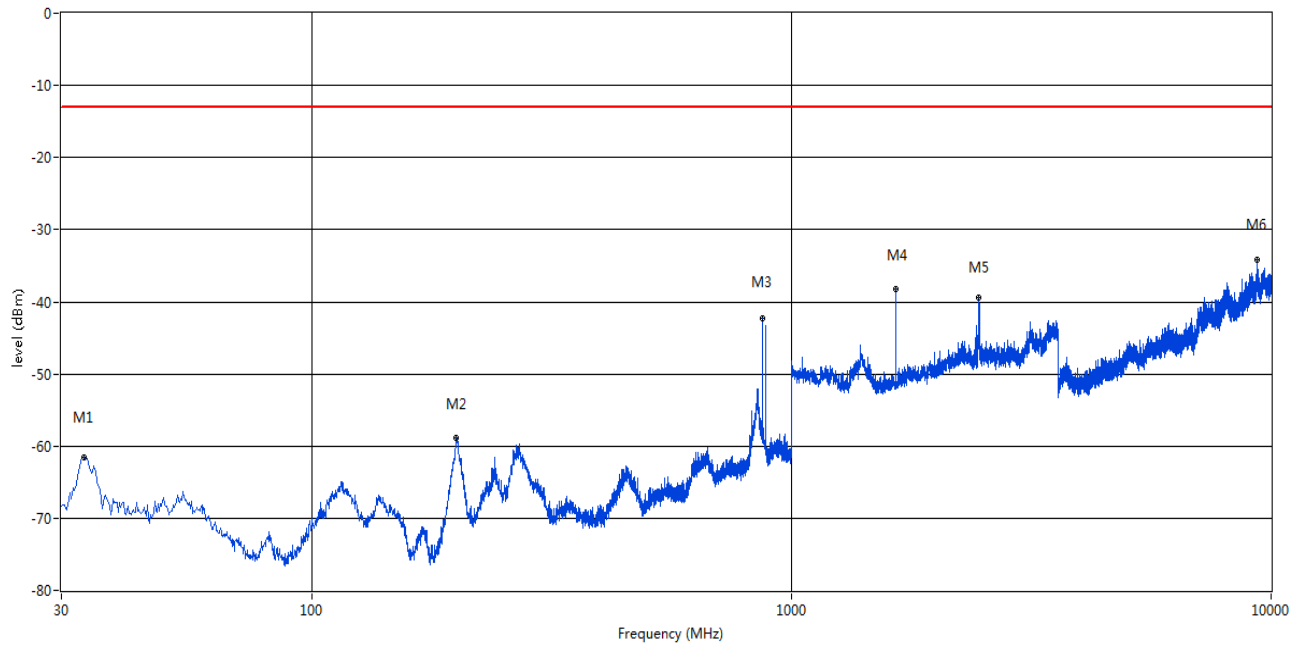
Note: The frequency of verdict which mark by "N/A" should be ignored because they are MS carrier frequency.

1. GSM

GSM850

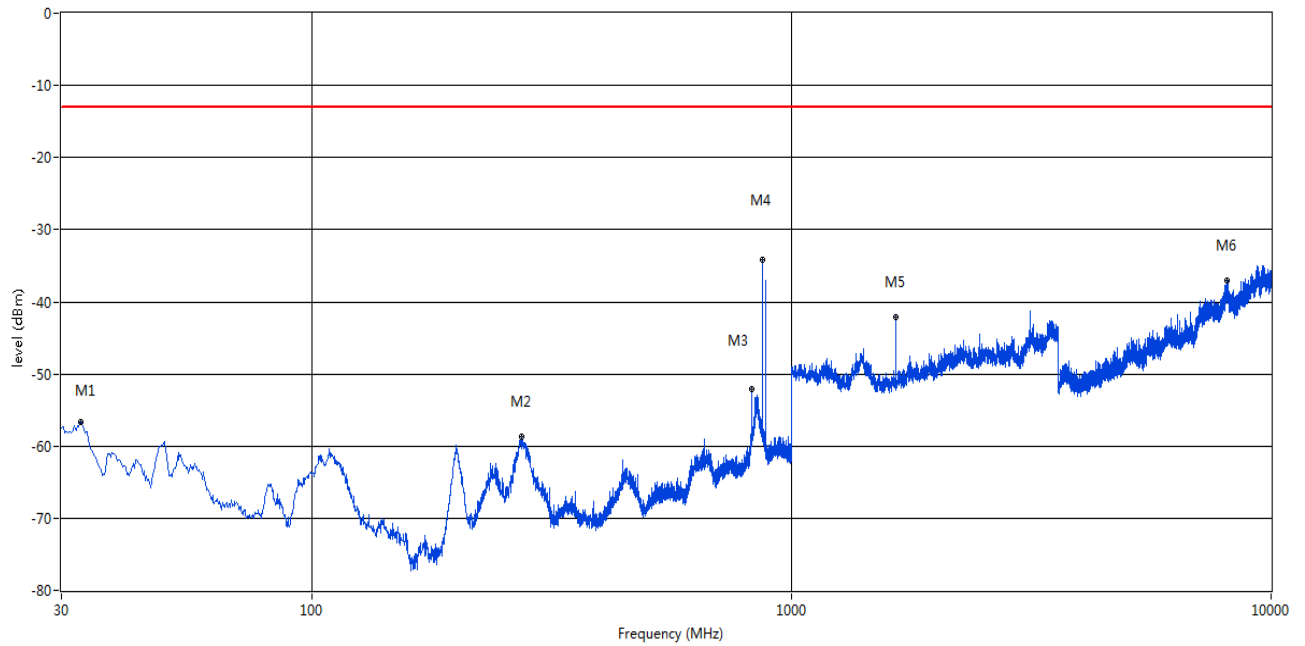
1.1 GSM850 CH128

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-61.49	-6.83	-13.0	48.49	195.80	Horizontal	Horizontal	Pass
199.750	-58.85	-3.27	-13.0	45.85	61.90	Horizontal	Horizontal	Pass
869.292	-42.23	9.82	-13.0	29.23	345.00	Horizontal	Horizontal	N/A
1648.050	-38.17	9.95	-13.0	25.17	357.00	Horizontal	Horizontal	Pass
2453.400	-39.41	13.24	-13.0	26.41	319.60	Horizontal	Horizontal	Pass
9371.000	-34.19	34.39	-13.0	21.19	14.80	Horizontal	Horizontal	Pass

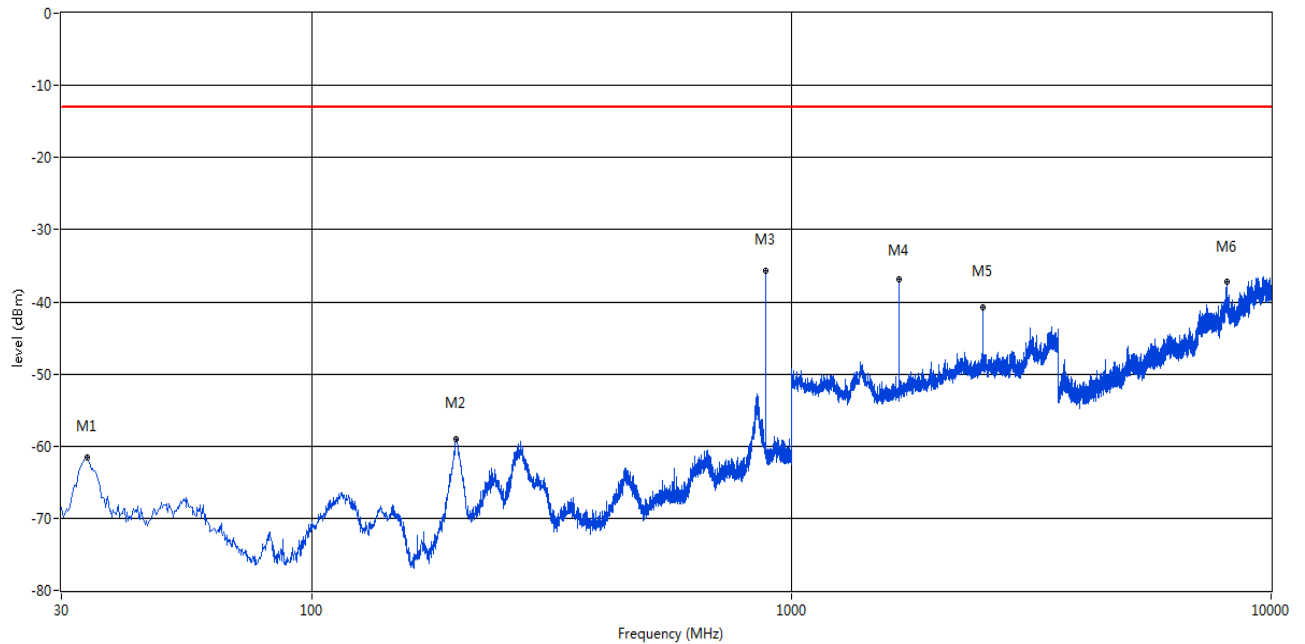
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.72	-6.94	-13.0	43.72	319.20	Vertical	Vertical	Pass
273.955	-58.73	-1.89	-13.0	45.73	43.30	Vertical	Vertical	Pass
824.188	-52.13	8.68	-13.0	39.13	214.40	Vertical	Vertical	N/A
869.292	-34.13	9.82	-13.0	21.13	49.20	Vertical	Vertical	N/A
1648.050	-42.14	9.95	-13.0	29.14	18.20	Vertical	Vertical	Pass
8090.000	-37.07	31.87	-13.0	24.07	174.10	Vertical	Vertical	Pass

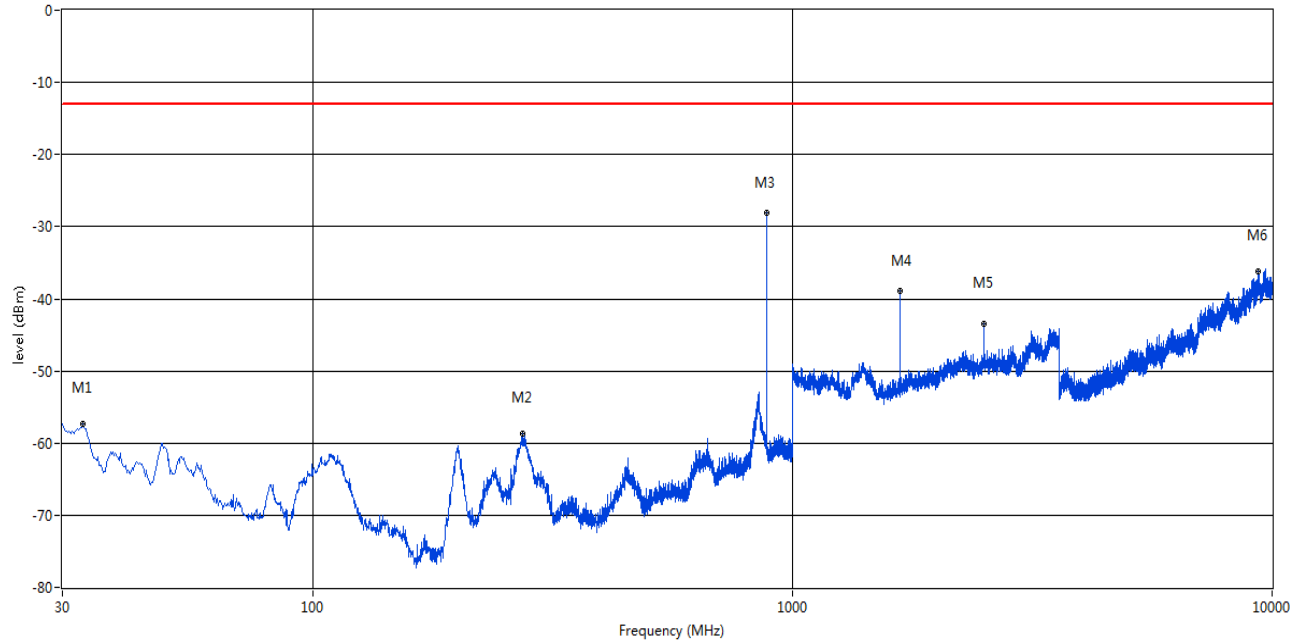
1.2 GSM850 CH190

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-61.55	-6.71	-13.0	48.55	189.40	Horizontal	Horizontal	Pass
199.750	-58.97	-3.27	-13.0	45.97	74.90	Horizontal	Horizontal	Pass
881.660	-35.62	8.07	-13.0	22.62	316.10	Horizontal	Horizontal	N/A
1672.750	-36.87	10.39	-13.0	23.87	0.00	Horizontal	Horizontal	Pass
2509.950	-40.72	14.32	-13.0	27.72	360.00	Horizontal	Horizontal	Pass
8104.000	-37.23	31.85	-13.0	24.23	60.20	Horizontal	Horizontal	Pass

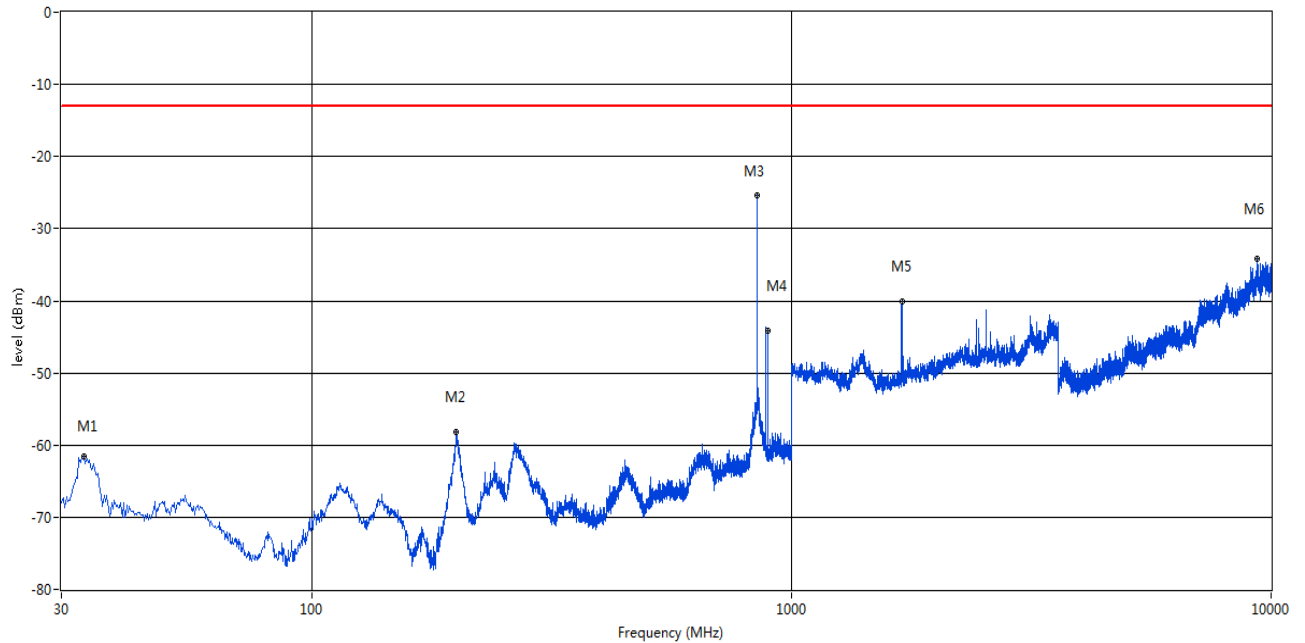
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-57.32	-6.88	-13.0	44.32	317.30	Vertical	Vertical	Pass
273.228	-58.63	-1.80	-13.0	45.63	54.60	Vertical	Vertical	Pass
881.660	-28.02	8.07	-13.0	15.02	281.90	Vertical	Vertical	N/A
1672.750	-38.84	10.39	-13.0	25.84	300.90	Vertical	Vertical	Pass
2509.300	-43.41	14.25	-13.0	30.41	304.60	Vertical	Vertical	Pass
9369.000	-36.26	34.36	-13.0	23.26	187.70	Vertical	Vertical	Pass

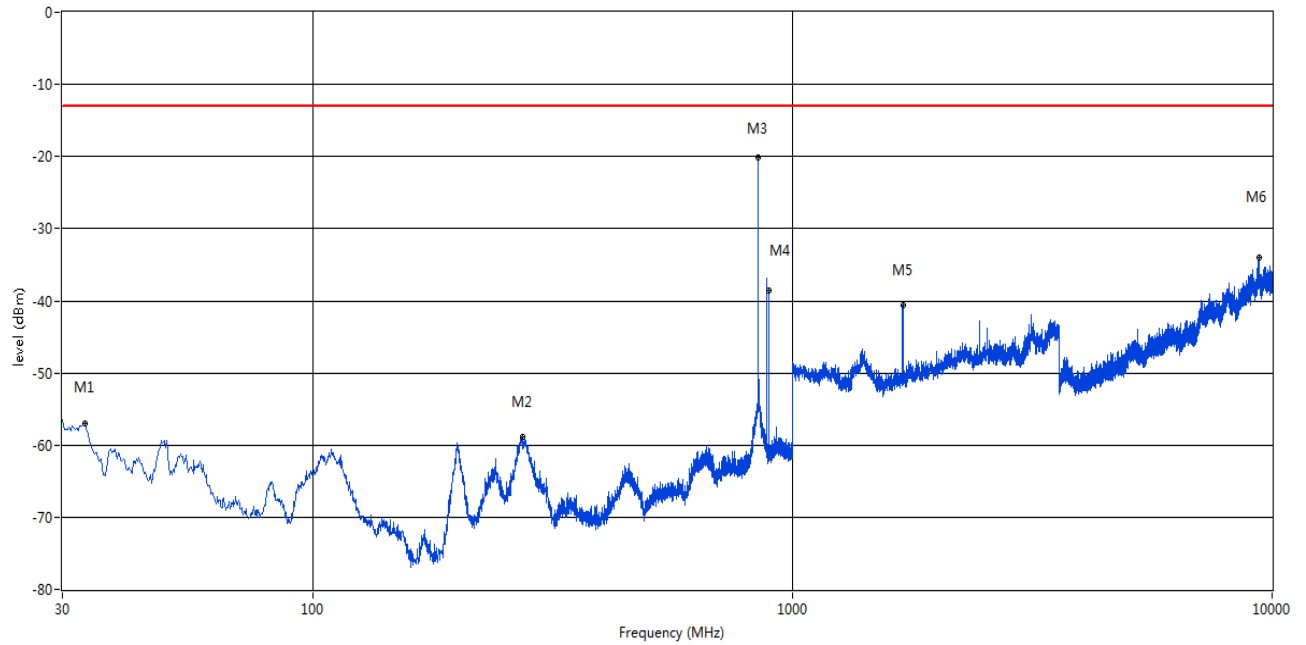
1.3 GSM850 CH251

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-61.49	-6.83	-13.0	48.49	153.70	Horizontal	Horizontal	Pass
199.992	-58.23	-3.02	-13.0	45.23	51.30	Horizontal	Horizontal	Pass
848.680	-25.32	13.85	-13.0	12.32	186.10	Horizontal	Horizontal	N/A
893.785	-44.21	6.94	-13.0	31.21	302.00	Horizontal	Horizontal	N/A
1697.450	-40.15	10.55	-13.0	27.15	3.70	Horizontal	Horizontal	Pass
9374.000	-34.13	34.44	-13.0	21.13	216.70	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26

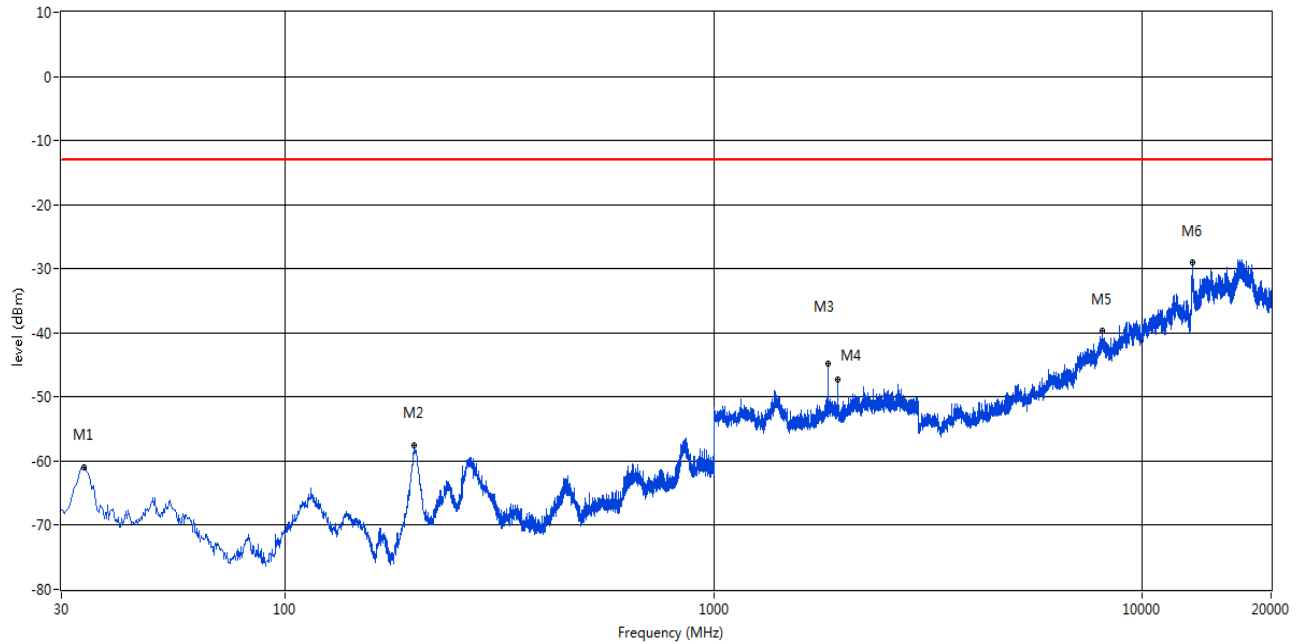


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-56.97	-6.83	-13.0	43.97	306.80	Vertical	Vertical	Pass
272.985	-58.91	-1.77	-13.0	45.91	48.50	Vertical	Vertical	Pass
848.680	-20.12	13.85	-13.0	7.12	171.10	Vertical	Vertical	N/A
893.785	-38.63	6.94	-13.0	25.63	353.70	Vertical	Vertical	N/A
1697.450	-40.61	10.55	-13.0	27.61	20.60	Vertical	Vertical	Pass
9409.000	-33.97	34.12	-13.0	20.97	109.20	Vertical	Vertical	Pass

GSM1900

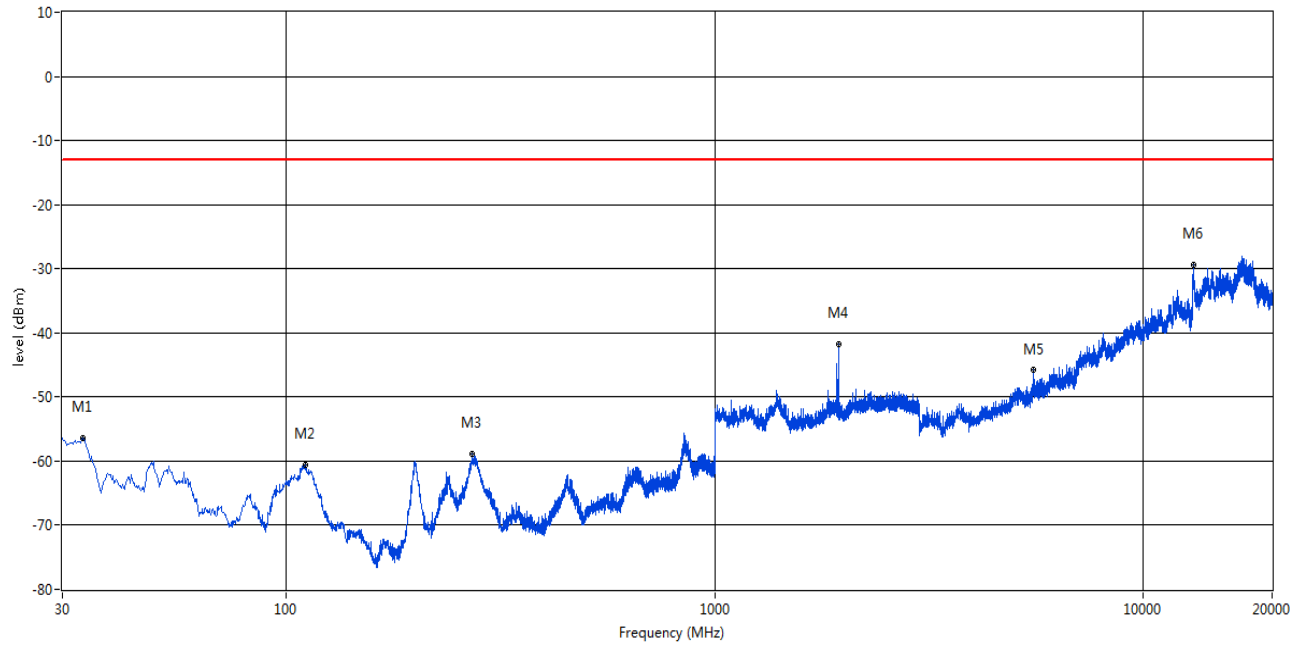
1.4 GSM1900 CH512

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.90	-6.65	-13.0	47.90	156.90	Horizontal	Horizontal	Pass
199.992	-57.59	-2.94	-13.0	44.59	43.90	Horizontal	Horizontal	Pass
1850.000	-44.84	9.46	-13.0	31.84	3.90	Horizontal	Horizontal	N/A
1947.500	-47.34	8.79	-13.0	34.34	333.30	Horizontal	Horizontal	N/A
8091.937	-39.57	31.87	-13.0	26.57	152.00	Horizontal	Horizontal	Pass
13094.375	-28.92	42.19	-13.0	15.92	65.10	Horizontal	Horizontal	Pass

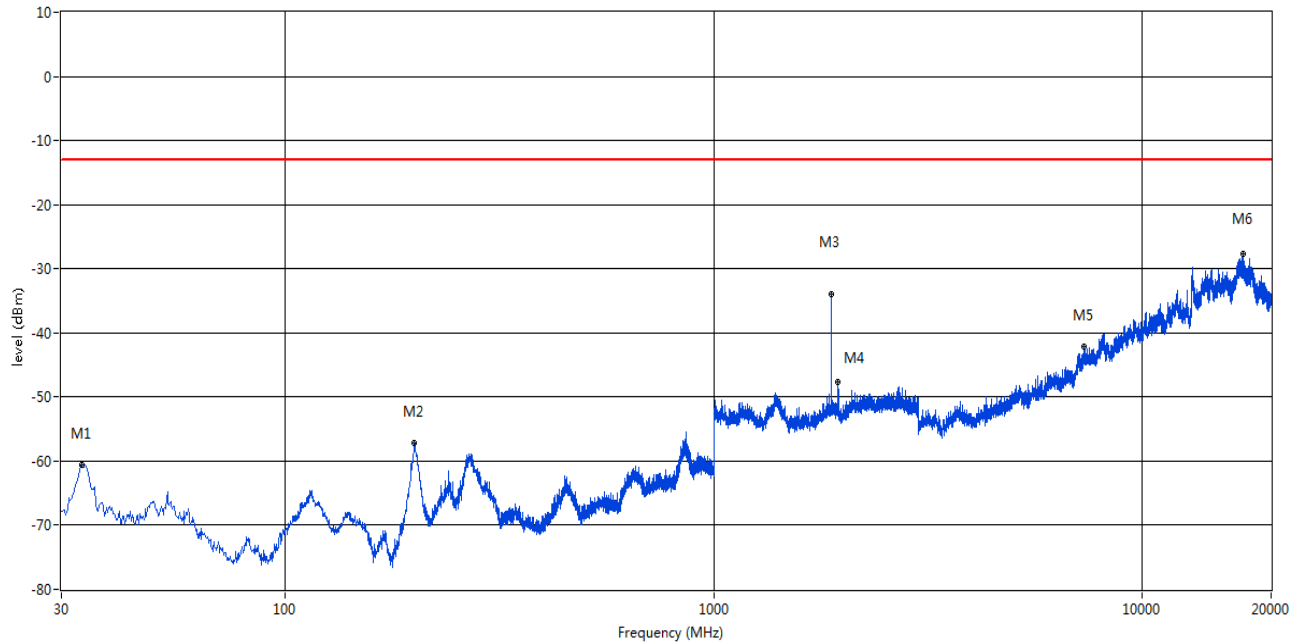
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-56.49	-6.78	-13.0	43.49	288.70	Vertical	Vertical	Pass
110.995	-60.66	-5.54	-13.0	47.66	30.90	Vertical	Vertical	Pass
270.802	-58.86	-1.40	-13.0	45.86	30.90	Vertical	Vertical	Pass
1947.500	-41.79	8.79	-13.0	28.79	315.10	Vertical	Vertical	N/A
5549.625	-45.80	22.86	-13.0	32.80	86.50	Vertical	Vertical	Pass
13107.063	-29.29	42.28	-13.0	16.29	332.70	Vertical	Vertical	Pass

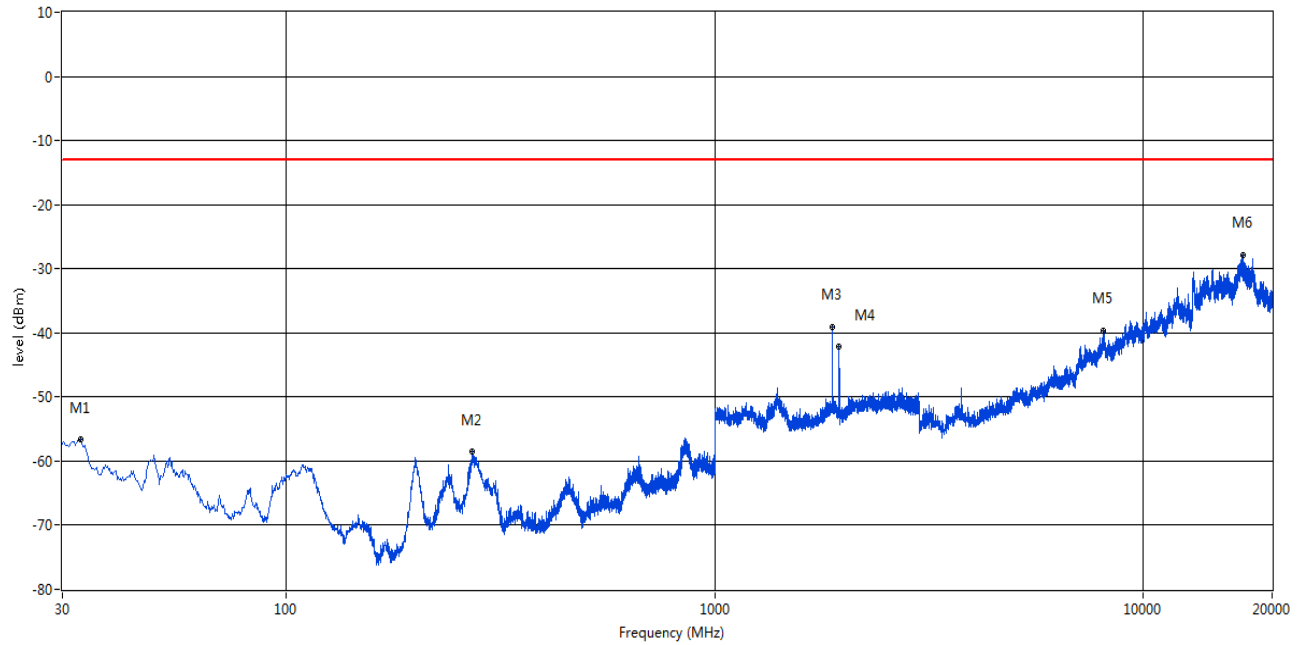
1.5 GSM1900 CH661

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-60.62	-6.78	-13.0	47.62	137.20	Horizontal	Horizontal	Pass
199.992	-57.24	-2.94	-13.0	44.24	62.10	Horizontal	Horizontal	Pass
1880.000	-33.88	9.54	-13.0	20.88	99.30	Horizontal	Horizontal	N/A
1948.000	-47.65	8.86	-13.0	34.65	202.20	Horizontal	Horizontal	N/A
7302.188	-42.15	28.58	-13.0	29.15	107.80	Horizontal	Horizontal	Pass
17172.500	-27.68	39.97	-13.0	14.68	162.10	Horizontal	Horizontal	Pass

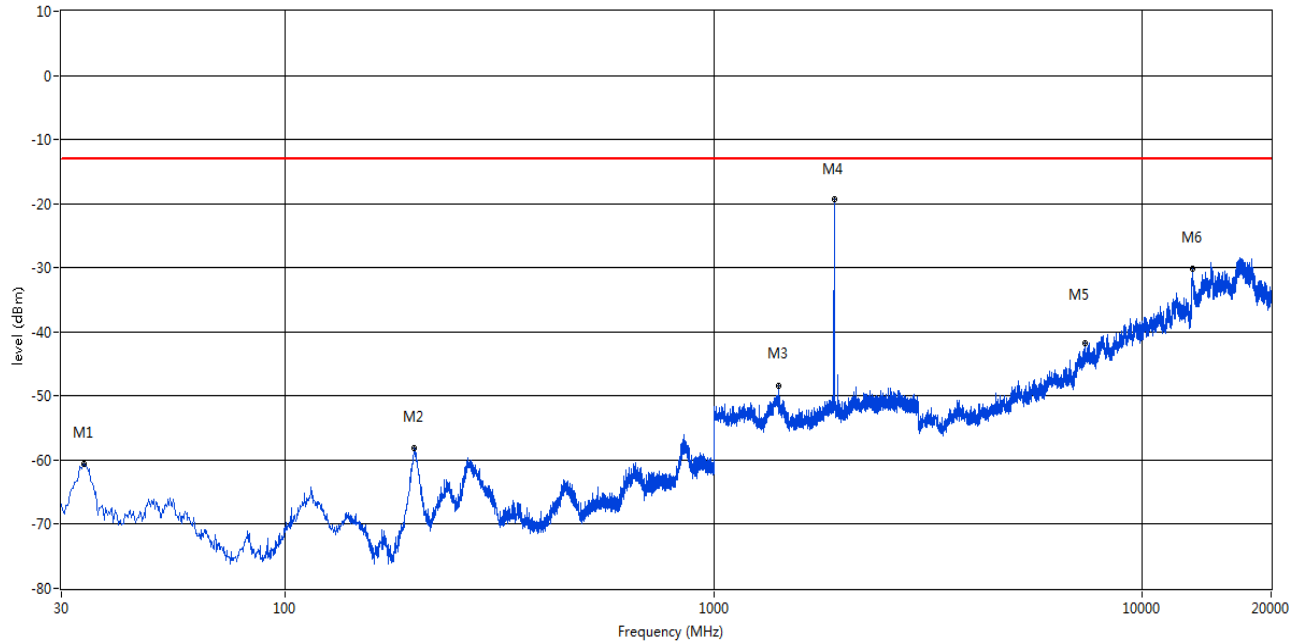
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-56.69	-6.85	-13.0	43.69	329.70	Vertical	Vertical	Pass
271.772	-58.46	-1.59	-13.0	45.46	37.40	Vertical	Vertical	Pass
1879.500	-39.08	9.54	-13.0	26.08	92.10	Vertical	Vertical	N/A
1948.000	-42.16	8.86	-13.0	29.16	312.10	Vertical	Vertical	N/A
8074.875	-39.58	31.74	-13.0	26.58	166.70	Vertical	Vertical	Pass
17094.563	-27.82	39.74	-13.0	14.82	103.30	Vertical	Vertical	Pass

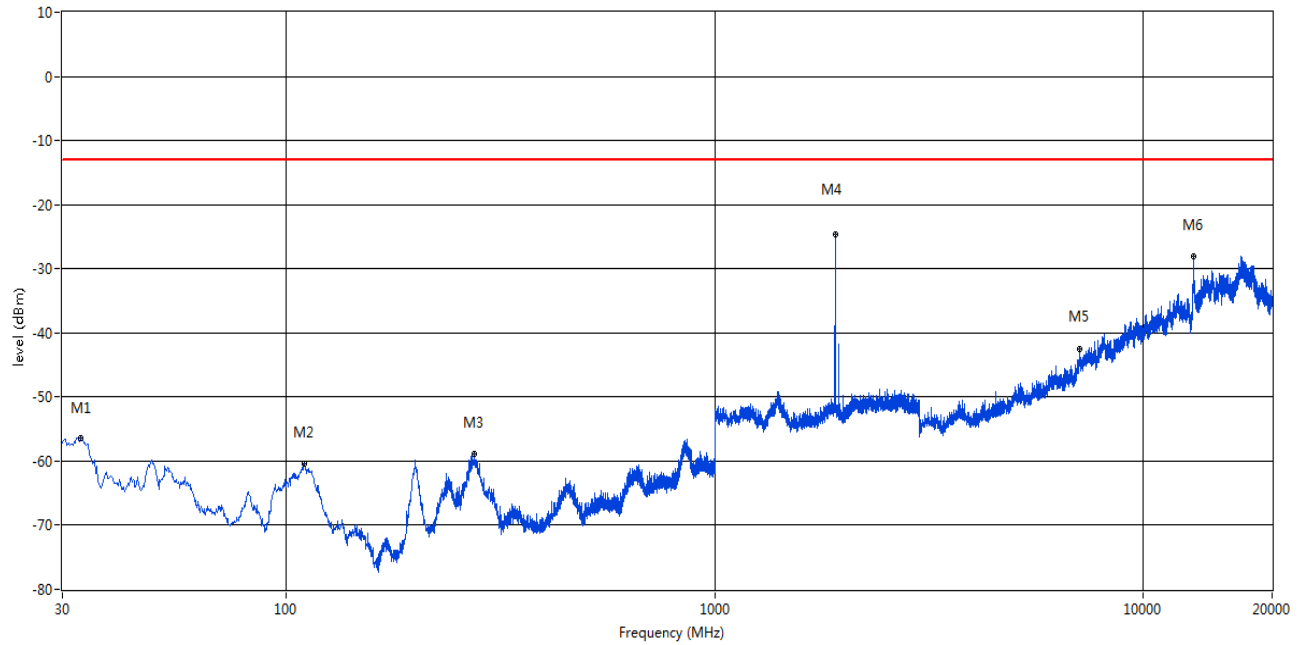
1.6 GSM1900 CH810

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.64	-6.65	-13.0	47.64	140.00	Horizontal	Horizontal	Pass
199.992	-58.10	-2.94	-13.0	45.10	58.00	Horizontal	Horizontal	Pass
1414.000	-48.36	9.38	-13.0	35.36	209.20	Horizontal	Horizontal	Pass
1909.500	-19.28	9.58	-13.0	6.28	24.40	Horizontal	Horizontal	N/A
7368.000	-41.67	28.75	-13.0	28.67	108.70	Horizontal	Horizontal	Pass
13107.063	-30.13	42.28	-13.0	17.13	181.00	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25

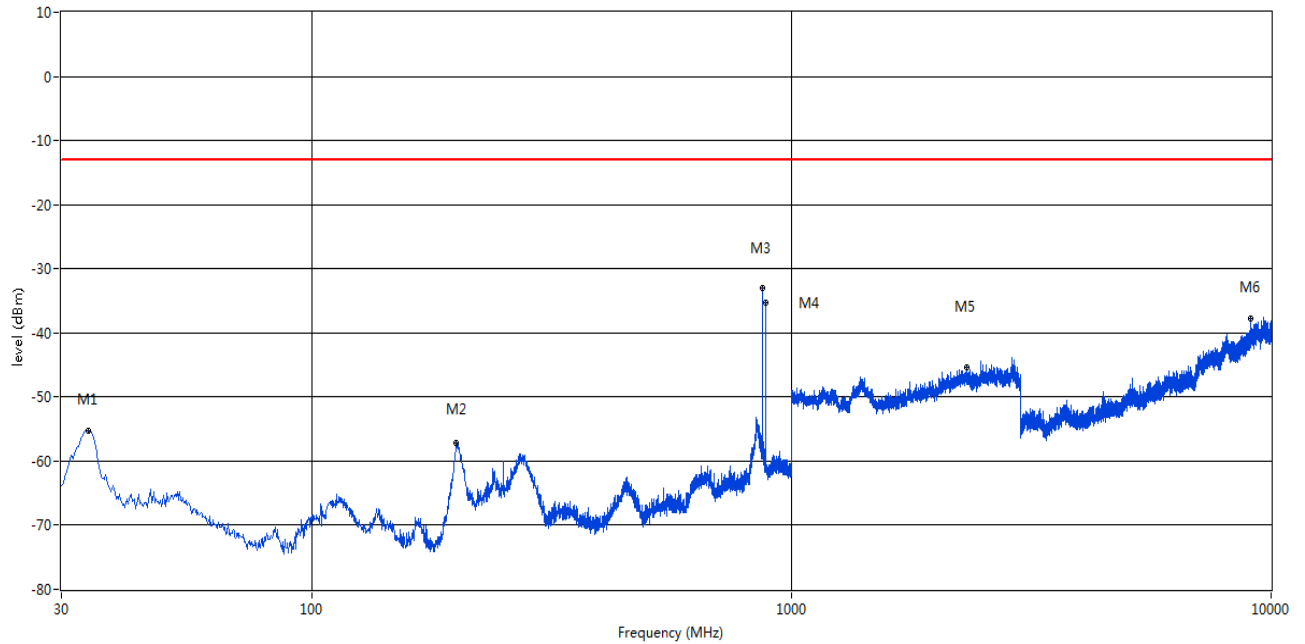


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-56.48	-6.85	-13.0	43.48	335.10	Vertical	Vertical	Pass
110.268	-60.48	-5.70	-13.0	47.48	13.80	Vertical	Vertical	Pass
274.198	-58.89	-1.96	-13.0	45.89	22.80	Vertical	Vertical	Pass
1909.500	-24.59	9.58	-13.0	11.59	98.70	Vertical	Vertical	N/A
7119.375	-42.56	28.05	-13.0	29.56	189.60	Vertical	Vertical	Pass
13103.438	-28.11	42.42	-13.0	15.11	100.90	Vertical	Vertical	Pass

EGPRS 850

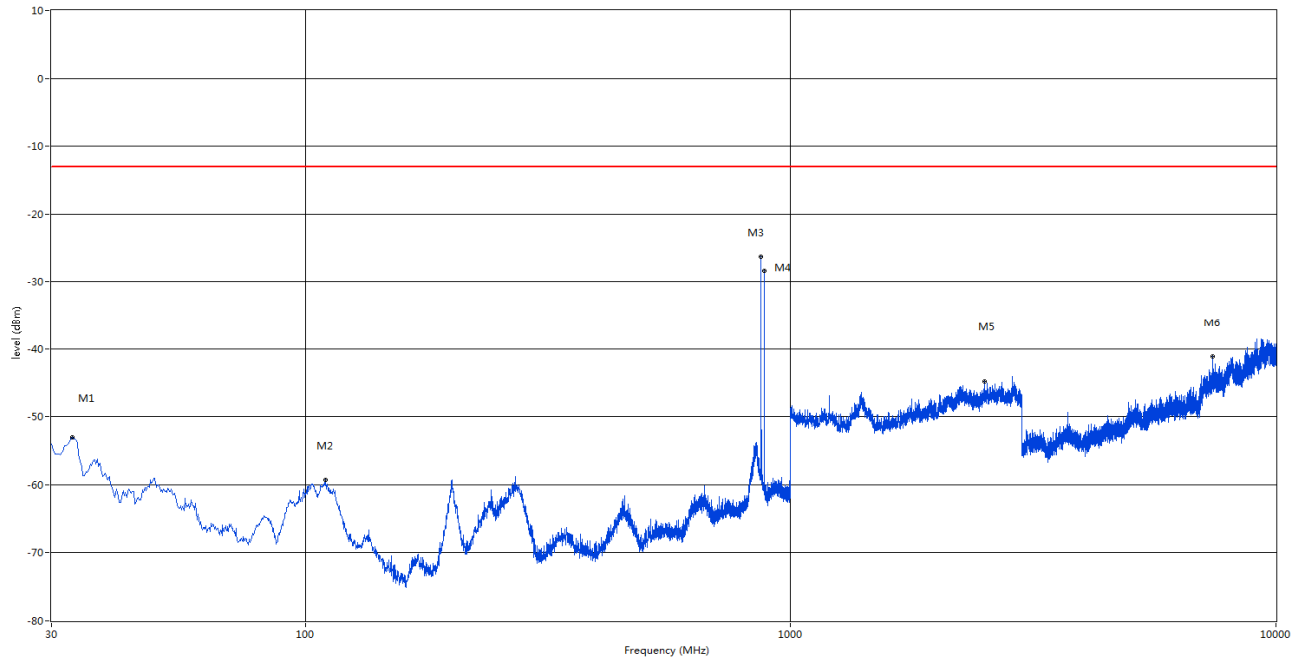
1.7 EGPRS 850 CH128

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-55.20	-6.65	-13.0	42.20	64.00	Horizontal	Horizontal	Pass
199.992	-57.22	-3.02	-13.0	44.22	31.70	Horizontal	Horizontal	Pass
869.292	-33.02	9.82	-13.0	20.02	329.70	Horizontal	Horizontal	N/A
881.660	-35.24	8.07	-13.0	22.24	323.90	Horizontal	Horizontal	N/A
2314.000	-45.44	13.72	-13.0	32.44	316.00	Horizontal	Horizontal	Pass
9082.000	-37.78	33.27	-13.0	24.78	316.10	Horizontal	Horizontal	Pass

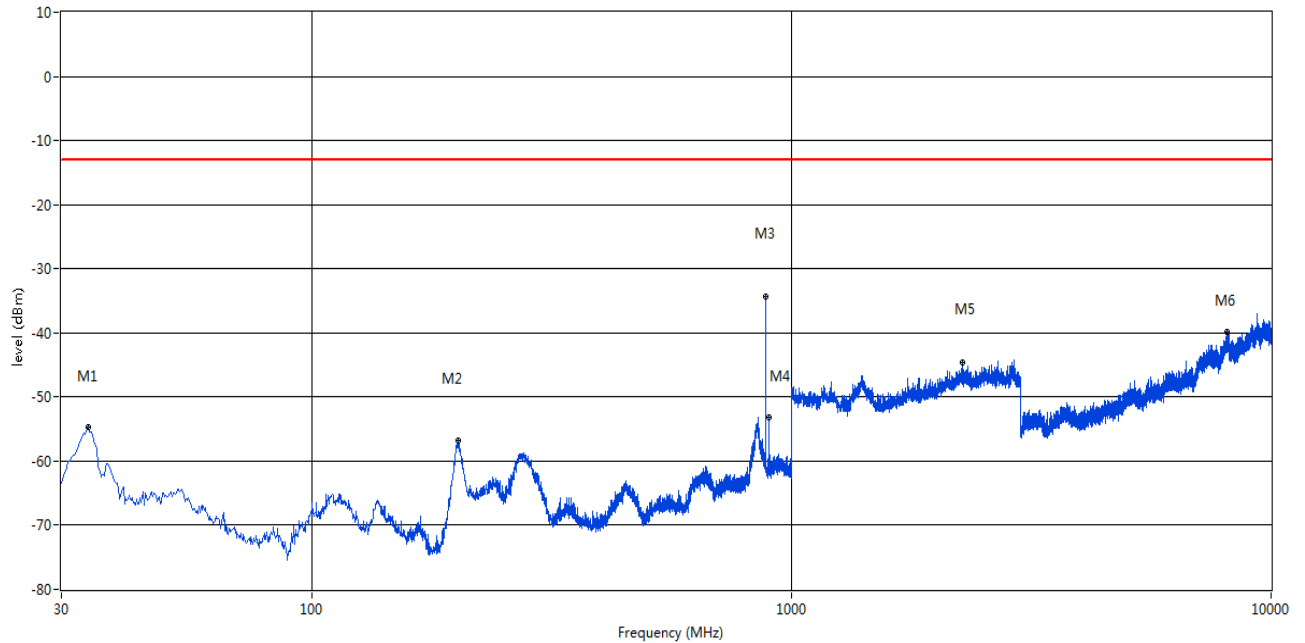
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-52.99	-6.88	-13.0	39.99	290.50	Vertical	Vertical	Pass
110.025	-59.32	-5.71	-13.0	46.32	359.20	Vertical	Vertical	Pass
869.292	-26.30	9.82	-13.0	13.30	172.30	Vertical	Vertical	N/A
881.417	-28.44	8.10	-13.0	15.44	178.50	Vertical	Vertical	N/A
2515.000	-44.77	14.46	-13.0	31.77	122.60	Vertical	Vertical	Pass
7404.000	-41.14	28.87	-13.0	28.14	357.40	Vertical	Vertical	Pass

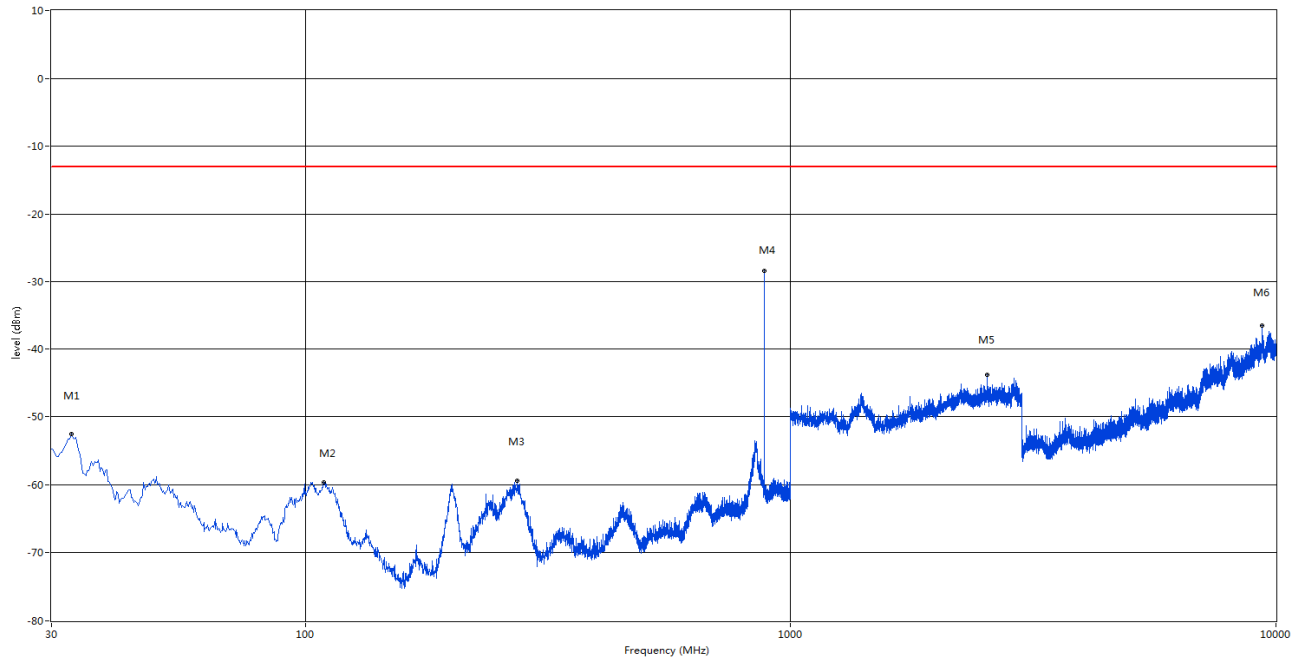
1.8 EGPRS 850 CH190

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-54.79	-6.65	-13.0	41.79	183.70	Horizontal	Horizontal	Pass
201.205	-56.81	-3.59	-13.0	43.81	41.80	Horizontal	Horizontal	Pass
881.660	-34.32	8.07	-13.0	21.32	333.40	Horizontal	Horizontal	N/A
898.150	-53.13	7.15	-13.0	40.13	32.50	Horizontal	Horizontal	Pass
2270.500	-44.56	14.09	-13.0	31.56	79.50	Horizontal	Horizontal	Pass
8085.000	-39.84	31.86	-13.0	26.84	255.30	Horizontal	Horizontal	Pass

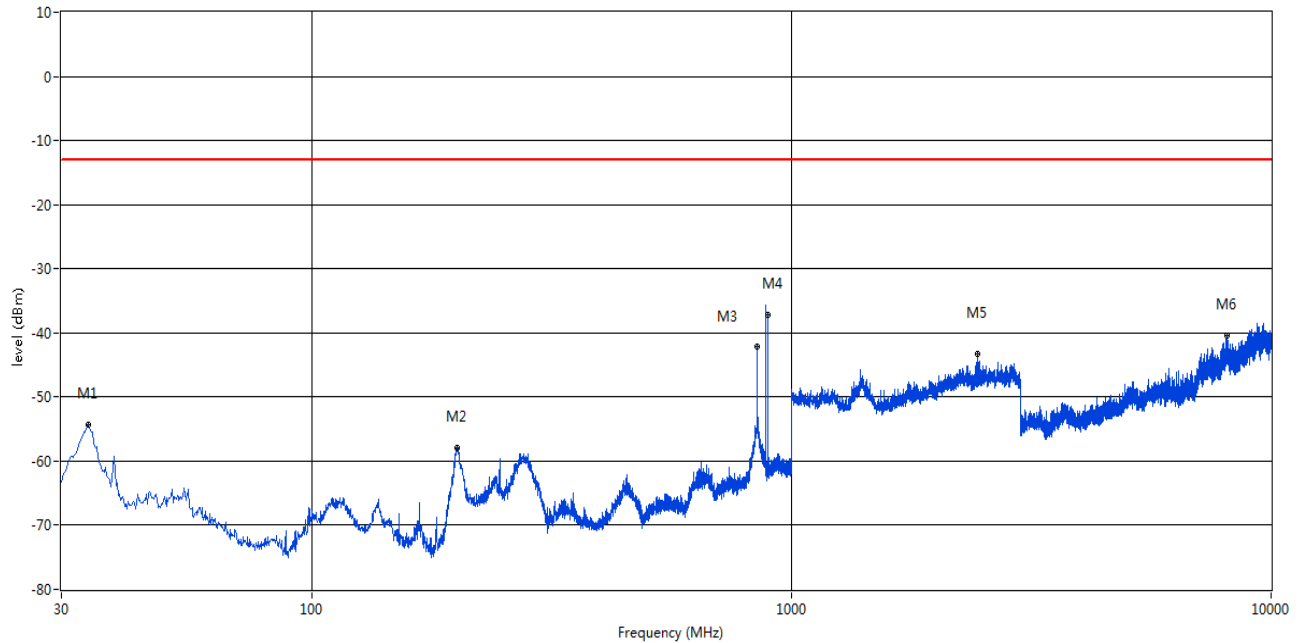
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-52.57	-6.94	-13.0	39.57	282.60	Vertical	Vertical	Pass
109.298	-59.67	-5.89	-13.0	46.67	0.50	Vertical	Vertical	Pass
273.470	-59.36	-1.83	-13.0	46.36	124.60	Vertical	Vertical	Pass
881.660	-28.36	8.07	-13.0	15.36	360.00	Vertical	Vertical	N/A
2544.000	-43.84	15.11	-13.0	30.84	0.80	Vertical	Vertical	Pass
9364.000	-36.61	34.27	-13.0	23.61	357.50	Vertical	Vertical	Pass

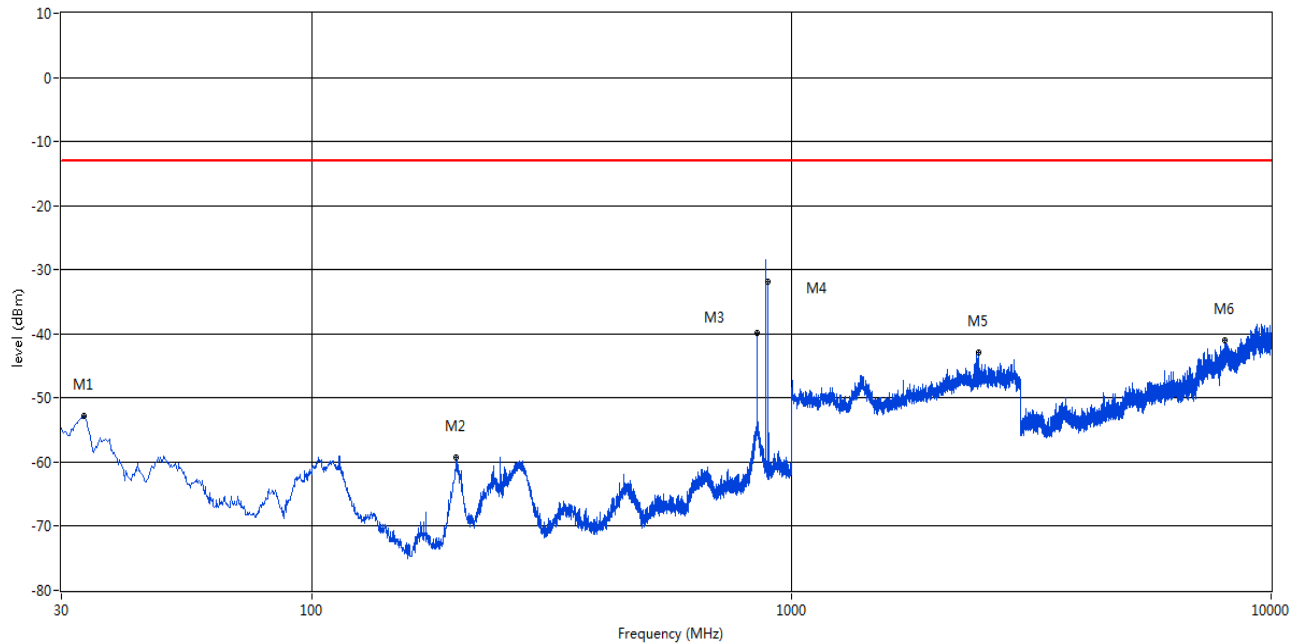
1.9 EGPRS 850 CH251

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-54.27	-6.65	-13.0	41.27	45.00	Horizontal	Horizontal	Pass
200.962	-57.88	-3.47	-13.0	44.88	250.00	Horizontal	Horizontal	Pass
848.922	-42.23	13.89	-13.0	29.23	3.00	Horizontal	Horizontal	N/A
893.785	-37.10	6.94	-13.0	24.10	91.00	Horizontal	Horizontal	N/A
2443.500	-43.36	13.07	-13.0	30.36	4.00	Horizontal	Horizontal	Pass
8092.000	-40.51	31.87	-13.0	27.51	0.00	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26

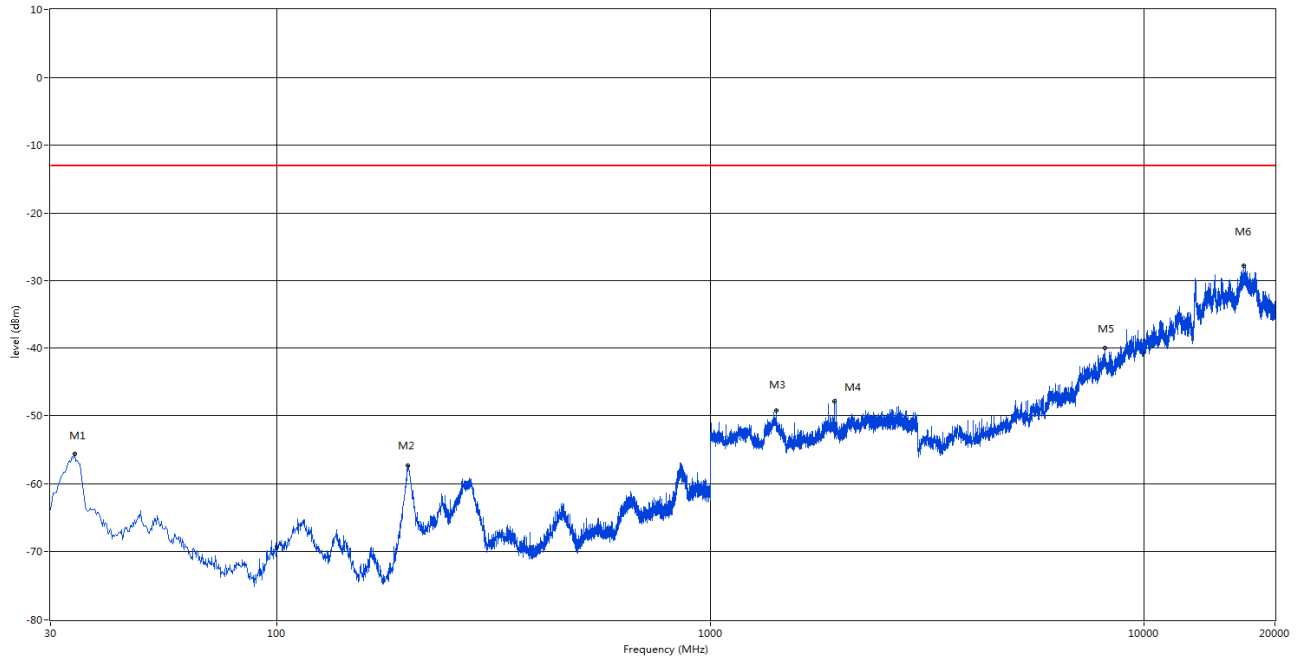


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-52.70	-6.83	-13.0	39.70	179.00	Vertical	Vertical	Pass
199.750	-59.32	-3.27	-13.0	46.32	342.80	Vertical	Vertical	Pass
848.922	-39.78	13.89	-13.0	26.78	206.00	Vertical	Vertical	N/A
893.785	-31.94	6.94	-13.0	18.94	203.20	Vertical	Vertical	N/A
2459.000	-42.93	13.39	-13.0	29.93	239.20	Vertical	Vertical	Pass
8011.000	-41.06	30.74	-13.0	28.06	347.20	Vertical	Vertical	Pass

EGPRS 1900

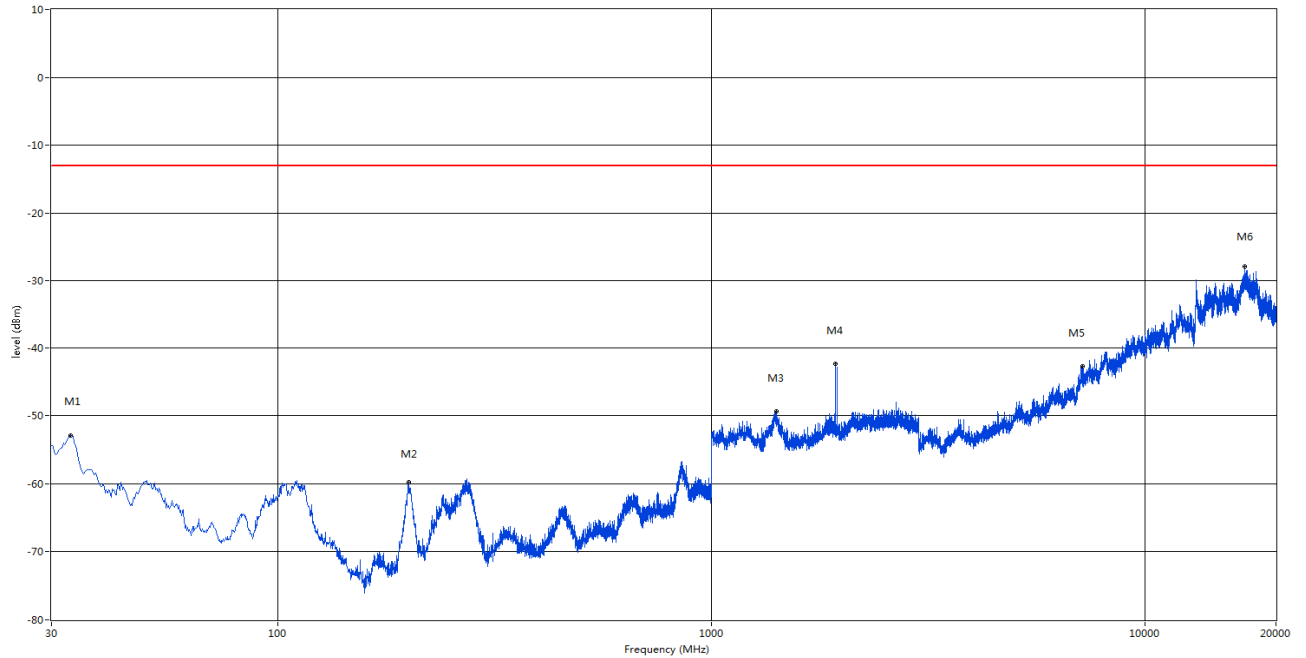
1.10 EGPRS 1900 CH512

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-55.59	-6.58	-13.0	42.59	248.00	Horizontal	Horizontal	Pass
200.235	-57.29	-3.08	-13.0	44.29	31.30	Horizontal	Horizontal	Pass
1415.000	-49.24	9.31	-13.0	36.24	215.00	Horizontal	Horizontal	Pass
1930.000	-47.84	8.78	-13.0	34.84	144.00	Horizontal	Horizontal	N/A
8101.687	-40.04	31.87	-13.0	27.04	92.90	Horizontal	Horizontal	Pass
16955.000	-27.78	38.85	-13.0	14.78	45.20	Horizontal	Horizontal	Pass

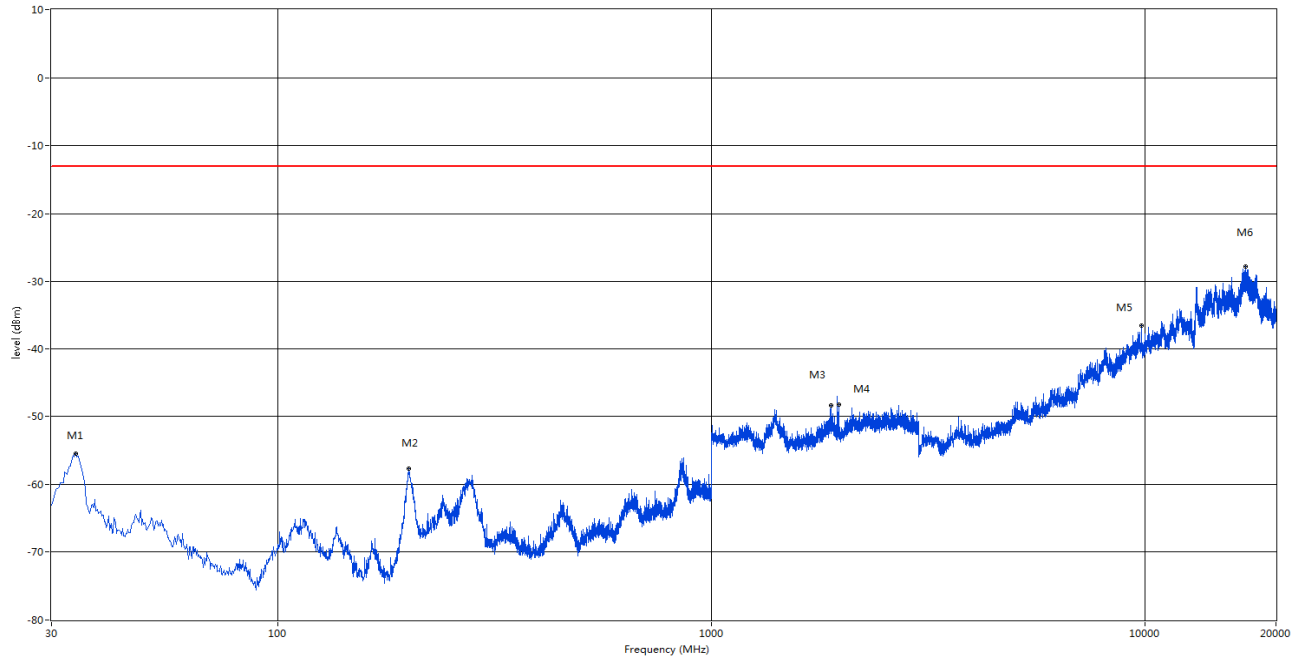
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-52.90	-6.85	-13.0	39.90	337.70	Vertical	Vertical	Pass
199.750	-59.75	-3.15	-13.0	46.75	340.70	Vertical	Vertical	Pass
1407.000	-49.39	9.64	-13.0	36.39	185.80	Vertical	Vertical	Pass
1930.000	-42.40	8.78	-13.0	29.40	115.40	Vertical	Vertical	N/A
7173.000	-42.69	27.90	-13.0	29.69	267.00	Vertical	Vertical	Pass
16922.375	-27.86	38.82	-13.0	14.86	35.30	Vertical	Vertical	Pass

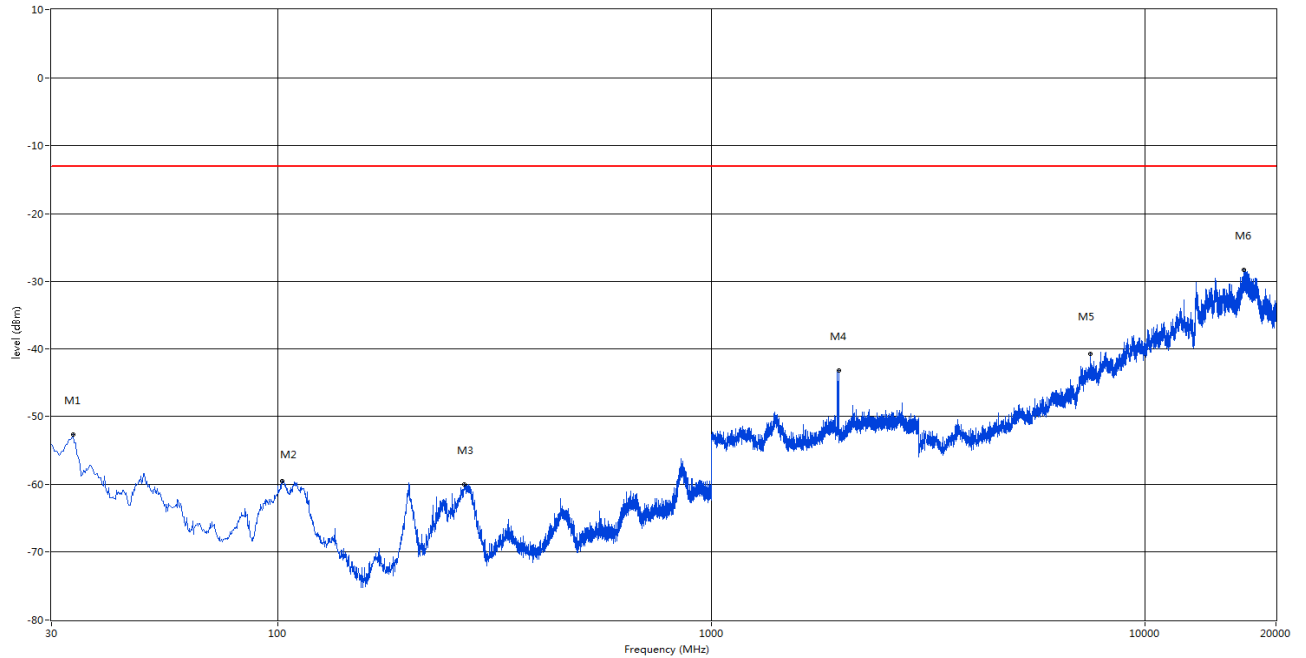
1.11 EGPRS 1900 CH661

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-55.49	-6.58	-13.0	42.49	136.90	Horizontal	Horizontal	Pass
200.477	-57.66	-3.22	-13.0	44.66	193.90	Horizontal	Horizontal	Pass
1880.000	-48.42	9.54	-13.0	35.42	261.80	Horizontal	Horizontal	N/A
1959.500	-48.22	8.71	-13.0	35.22	182.50	Horizontal	Horizontal	N/A
9810.375	-36.56	33.77	-13.0	23.56	350.30	Horizontal	Horizontal	Pass
17047.437	-27.72	39.32	-13.0	14.72	276.50	Horizontal	Horizontal	Pass

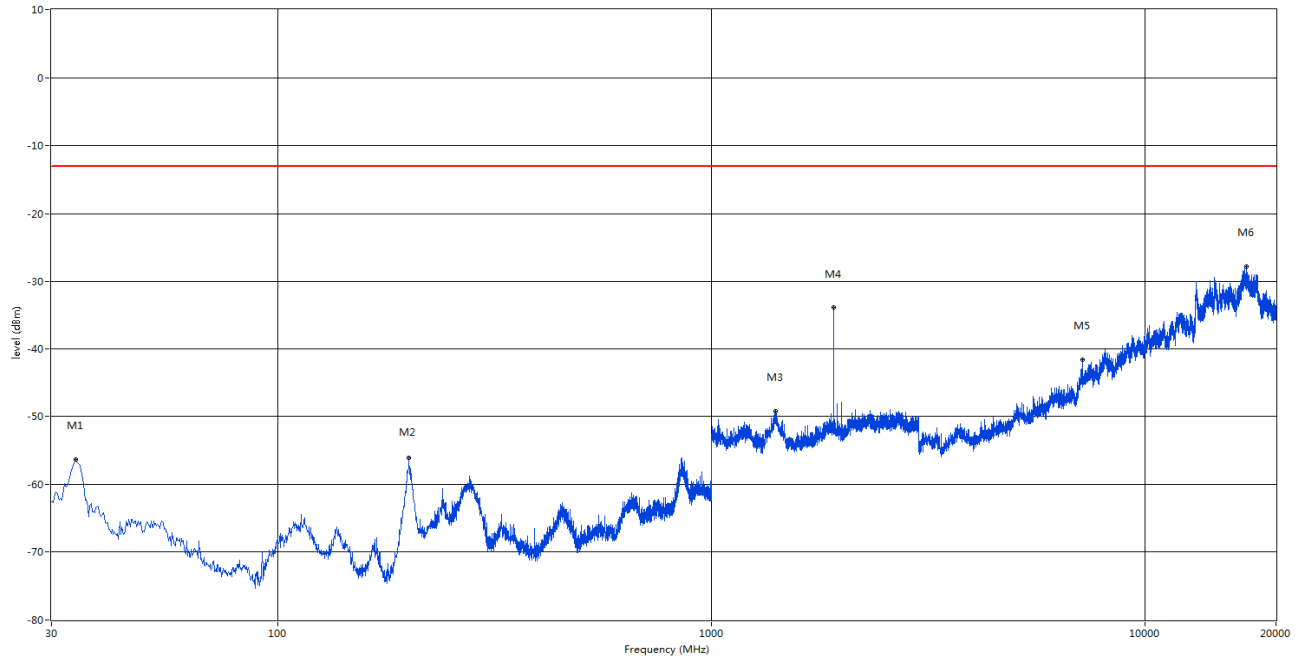
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.638	-52.71	-6.72	-13.0	39.71	312.20	Vertical	Vertical	Pass
102.265	-59.53	-6.51	-13.0	46.53	167.50	Vertical	Vertical	Pass
268.378	-59.98	-1.17	-13.0	46.98	45.60	Vertical	Vertical	Pass
1959.500	-43.23	8.71	-13.0	30.23	127.80	Vertical	Vertical	N/A
7460.625	-40.74	28.97	-13.0	27.74	355.60	Vertical	Vertical	Pass
16860.750	-28.27	38.56	-13.0	15.27	253.80	Vertical	Vertical	Pass

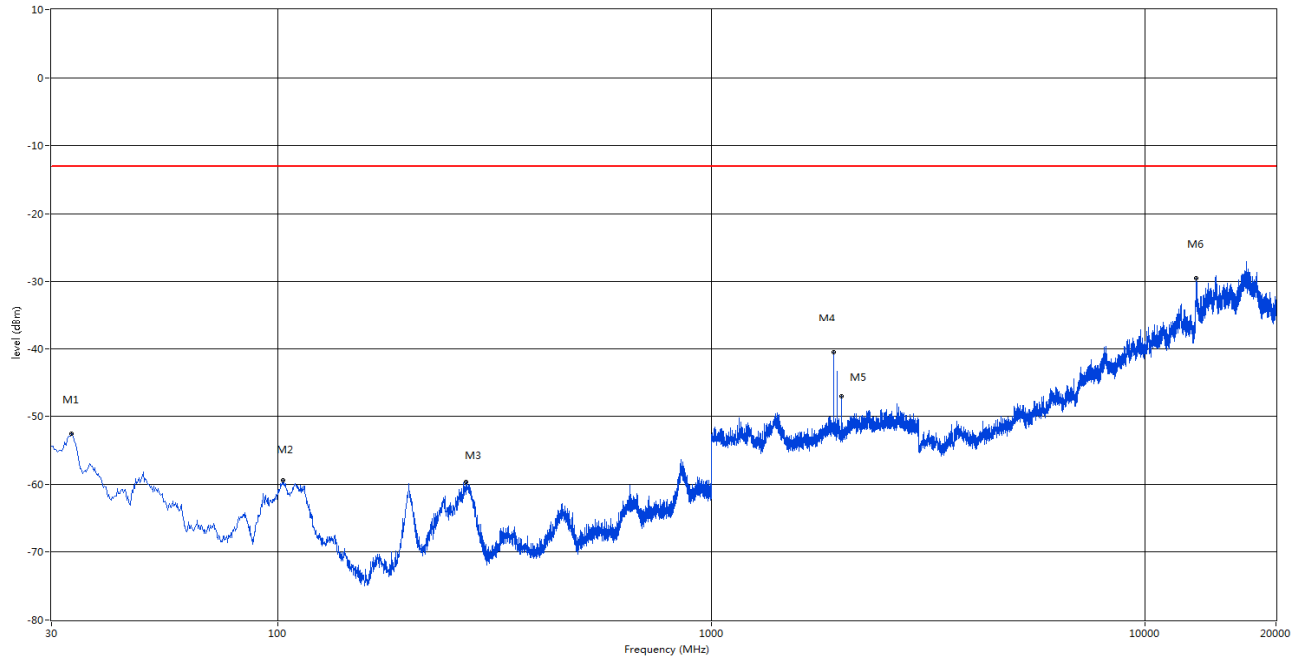
1.12 EGPRS 1900 CH810

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-56.35	-6.58	-13.0	43.35	207.40	Horizontal	Horizontal	Pass
199.992	-56.13	-2.94	-13.0	43.13	34.10	Horizontal	Horizontal	Pass
1405.000	-49.20	9.74	-13.0	36.20	210.50	Horizontal	Horizontal	Pass
1909.500	-33.83	9.58	-13.0	20.83	10.40	Horizontal	Horizontal	N/A
7168.125	-41.63	27.92	-13.0	28.63	335.20	Horizontal	Horizontal	Pass
17067.375	-27.74	39.50	-13.0	14.74	130.60	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



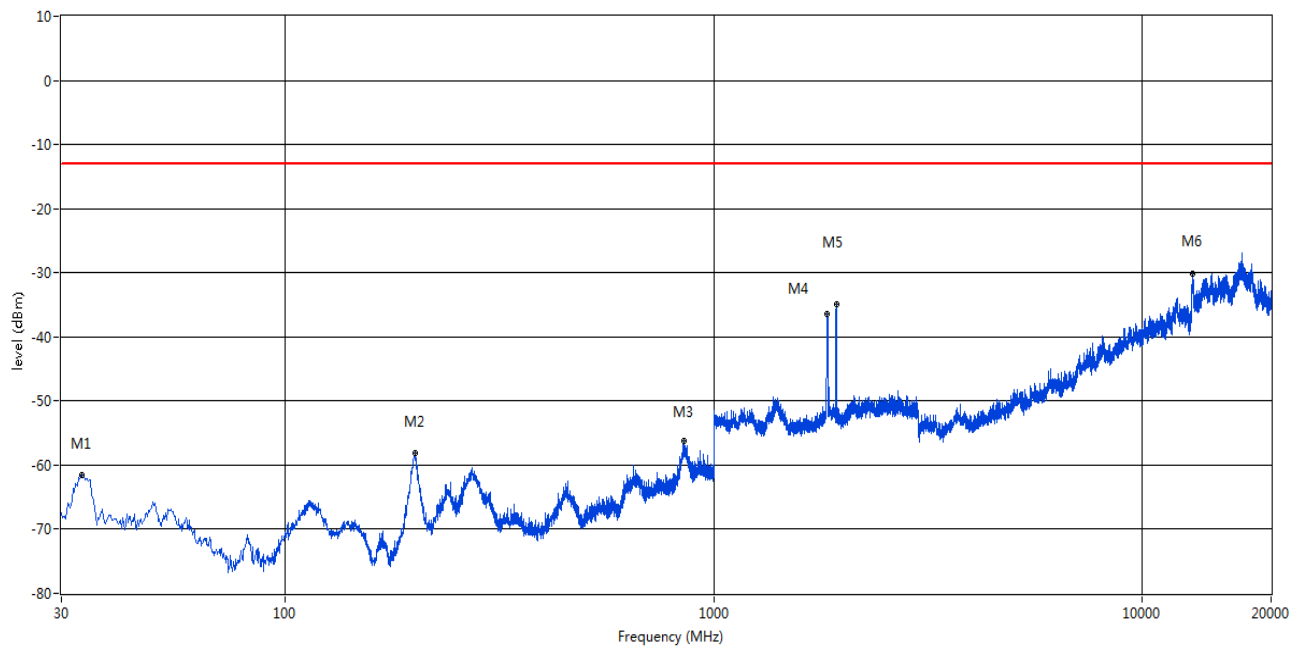
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-52.56	-6.78	-13.0	39.56	311.00	Vertical	Vertical	Pass
102.507	-59.40	-6.56	-13.0	46.40	198.60	Vertical	Vertical	Pass
271.288	-59.66	-1.51	-13.0	46.66	37.40	Vertical	Vertical	Pass
1909.500	-40.50	9.58	-13.0	27.50	9.30	Vertical	Vertical	N/A
1989.500	-47.04	8.19	-13.0	34.04	106.00	Vertical	Vertical	N/A
13119.750	-29.52	41.79	-13.0	16.52	43.20	Vertical	Vertical	Pass

2. WCDMA

Band 2

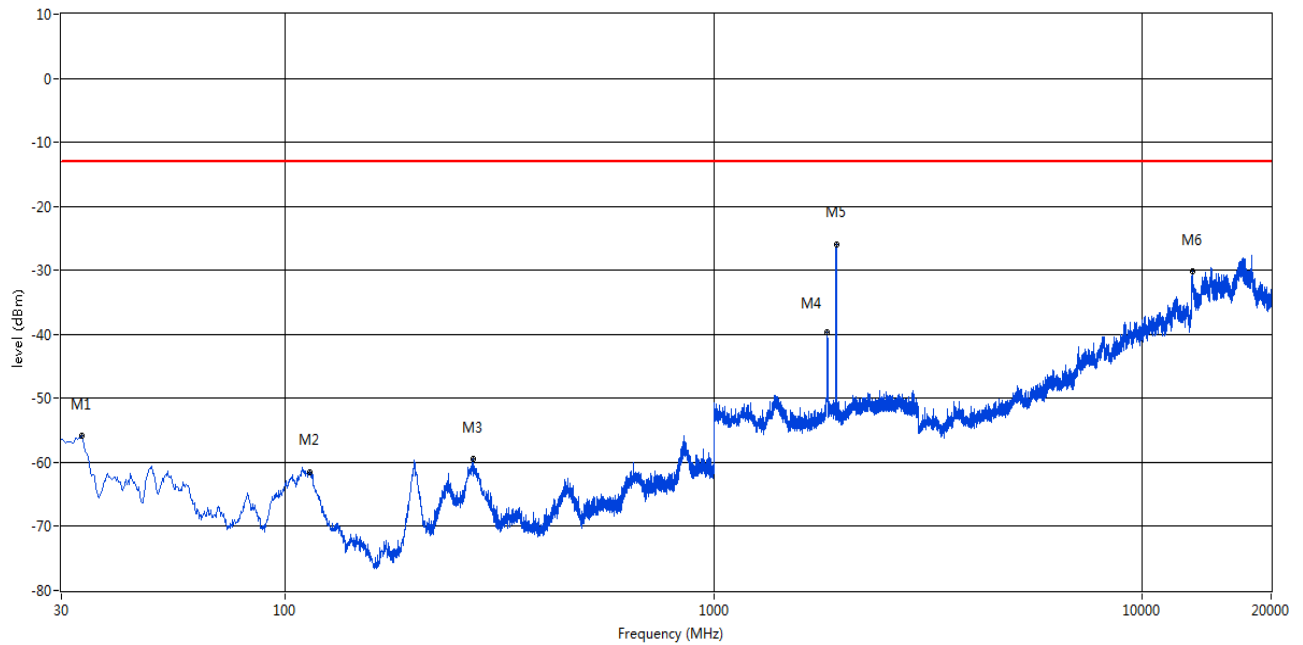
2.1 CH9262

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-61.51	-6.78	-13.0	48.51	147.90	Horizontal	Horizontal	Pass
200.477	-58.17	-3.22	-13.0	45.17	72.90	Horizontal	Horizontal	Pass
850.135	-56.19	10.65	-13.0	43.19	302.10	Horizontal	Horizontal	Pass
1843.000	-36.34	9.44	-13.0	23.34	21.00	Horizontal	Horizontal	N/A
1933.000	-34.84	8.63	-13.0	21.84	112.90	Horizontal	Horizontal	N/A
13098.000	-30.20	42.42	-13.0	17.20	115.30	Horizontal	Horizontal	Pass

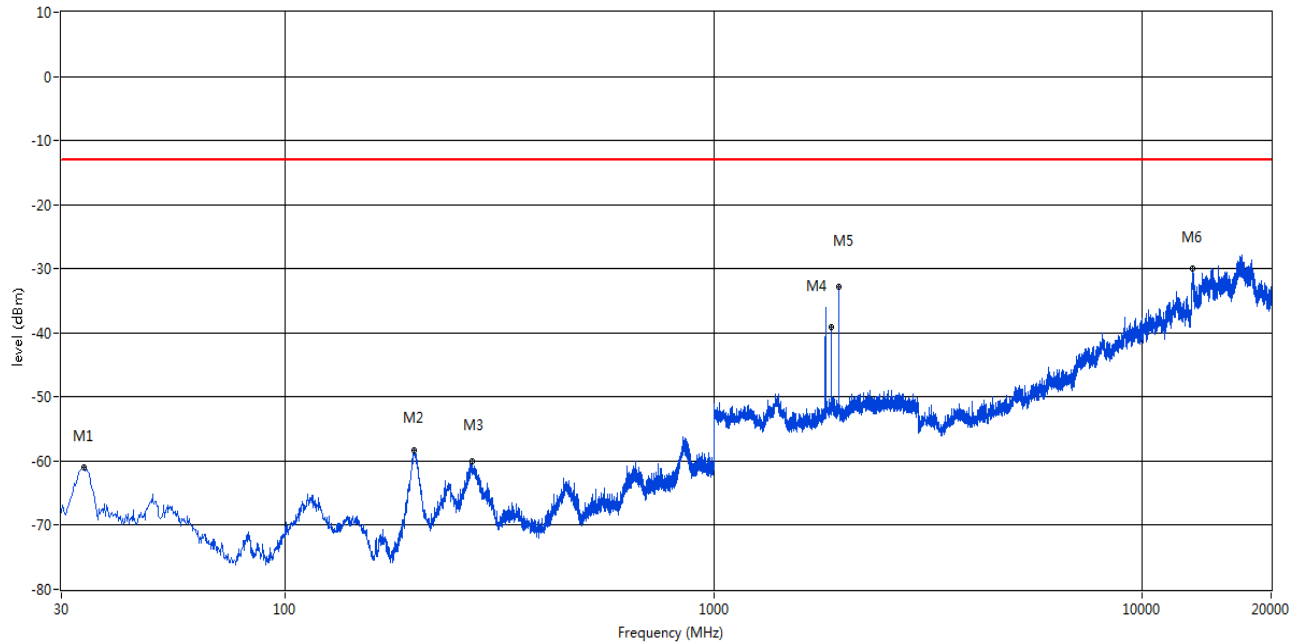
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-55.92	-6.78	-13.0	42.92	312.10	Vertical	Vertical	Pass
113.905	-61.49	-5.12	-13.0	48.49	55.50	Vertical	Vertical	Pass
273.955	-59.53	-1.92	-13.0	46.53	31.40	Vertical	Vertical	Pass
1842.500	-39.72	9.44	-13.0	26.72	138.20	Vertical	Vertical	N/A
1932.500	-25.88	8.68	-13.0	12.88	315.30	Vertical	Vertical	N/A
13117.938	-30.12	41.86	-13.0	17.12	359.60	Vertical	Vertical	Pass

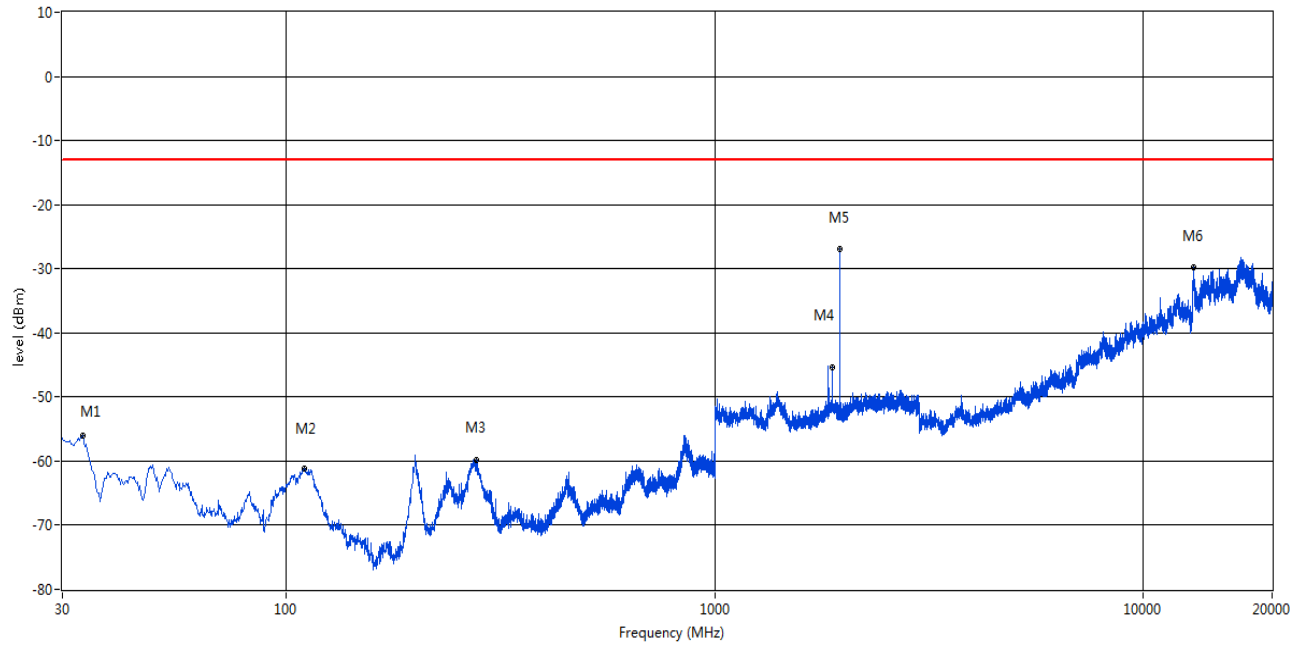
2.2 CH9400

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.94	-6.65	-13.0	47.94	158.00	Horizontal	Horizontal	Pass
199.992	-58.26	-2.94	-13.0	45.26	71.50	Horizontal	Horizontal	Pass
272.258	-60.10	-1.65	-13.0	47.10	56.50	Horizontal	Horizontal	Pass
1879.000	-39.11	9.54	-13.0	26.11	96.90	Horizontal	Horizontal	N/A
1960.500	-32.87	8.58	-13.0	19.87	134.70	Horizontal	Horizontal	N/A
13105.250	-29.89	42.35	-13.0	16.89	309.40	Horizontal	Horizontal	Pass

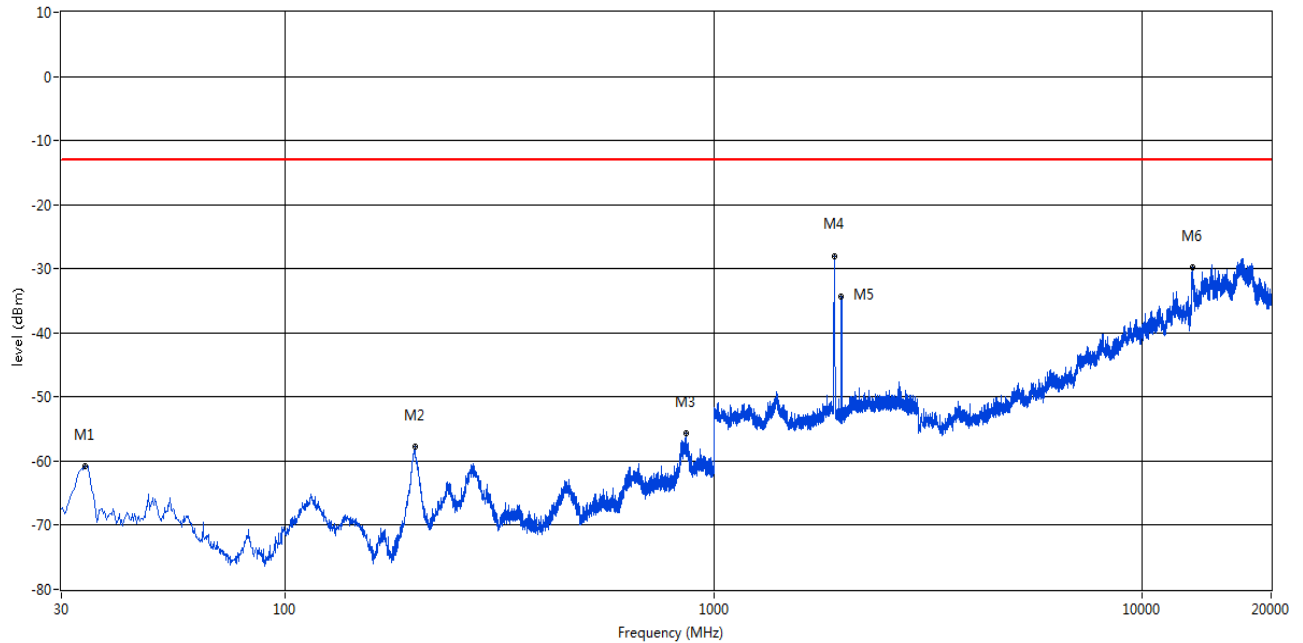
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-56.11	-6.78	-13.0	43.11	290.80	Vertical	Vertical	Pass
110.025	-61.10	-5.75	-13.0	48.10	20.60	Vertical	Vertical	Pass
277.593	-59.84	-2.42	-13.0	46.84	26.40	Vertical	Vertical	Pass
1879.000	-45.33	9.54	-13.0	32.33	95.30	Vertical	Vertical	N/A
1959.500	-26.98	8.71	-13.0	13.98	301.90	Vertical	Vertical	N/A
13114.313	-29.78	42.00	-13.0	16.78	32.90	Vertical	Vertical	Pass

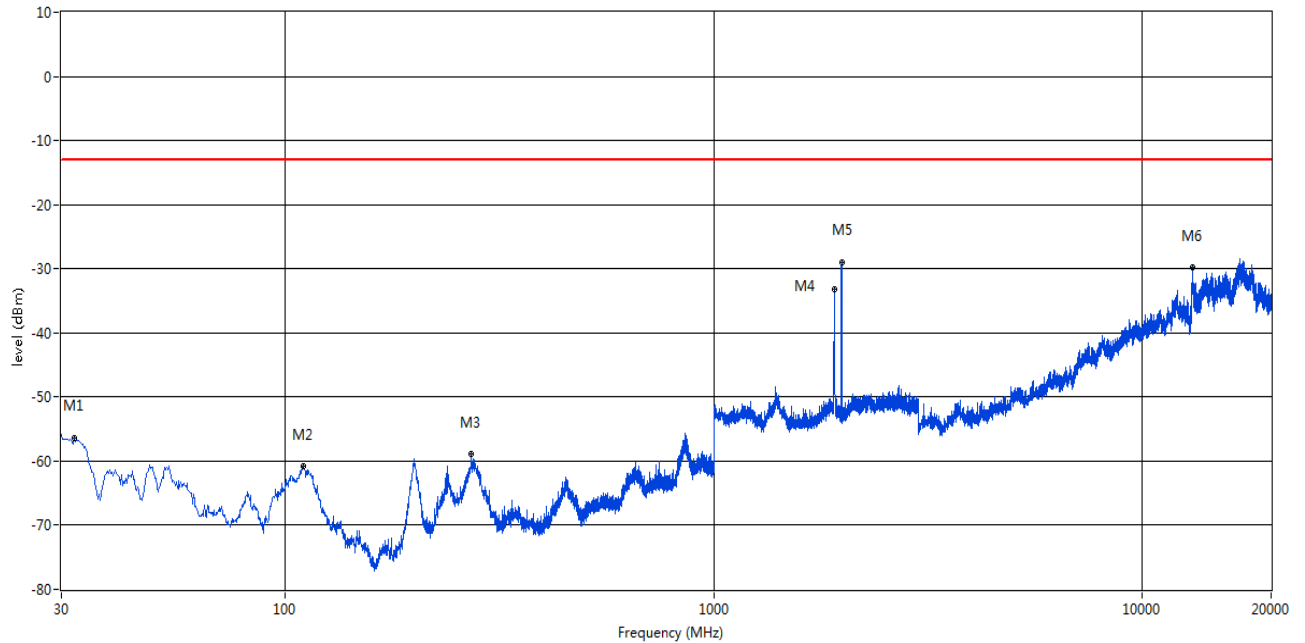
2.3 CH 9538

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-60.83	-6.58	-13.0	47.83	155.10	Horizontal	Horizontal	Pass
200.477	-57.74	-3.22	-13.0	44.74	62.20	Horizontal	Horizontal	Pass
862.018	-55.67	10.14	-13.0	42.67	353.70	Horizontal	Horizontal	Pass
1916.000	-27.97	9.57	-13.0	14.97	20.40	Horizontal	Horizontal	N/A
1986.500	-34.37	8.18	-13.0	21.37	191.90	Horizontal	Horizontal	N/A
13107.063	-29.81	42.28	-13.0	16.81	73.80	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25

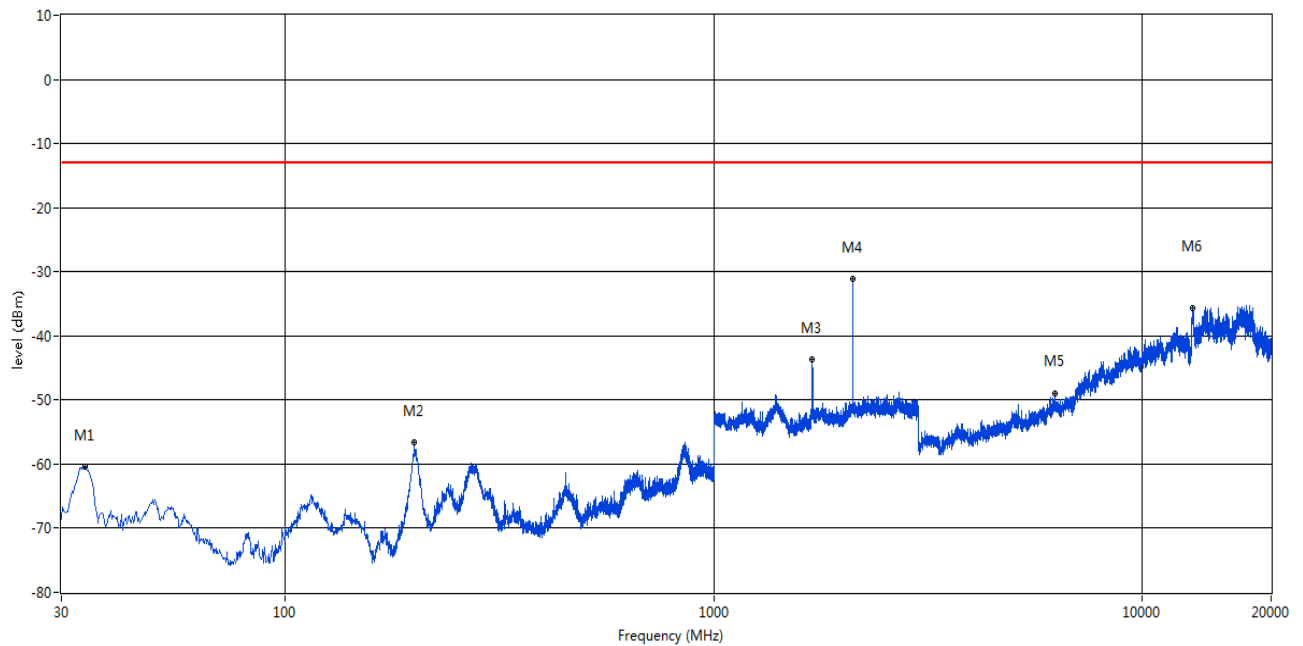


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.182	-56.33	-6.99	-13.0	43.33	300.50	Vertical	Vertical	Pass
110.025	-60.83	-5.75	-13.0	47.83	29.90	Vertical	Vertical	Pass
272.015	-58.97	-1.62	-13.0	45.97	21.30	Vertical	Vertical	Pass
1916.000	-33.17	9.57	-13.0	20.17	104.40	Vertical	Vertical	N/A
1987.500	-29.02	8.31	-13.0	16.02	309.40	Vertical	Vertical	N/A
13092.563	-29.83	42.07	-13.0	16.83	76.40	Vertical	Vertical	Pass

Band 4

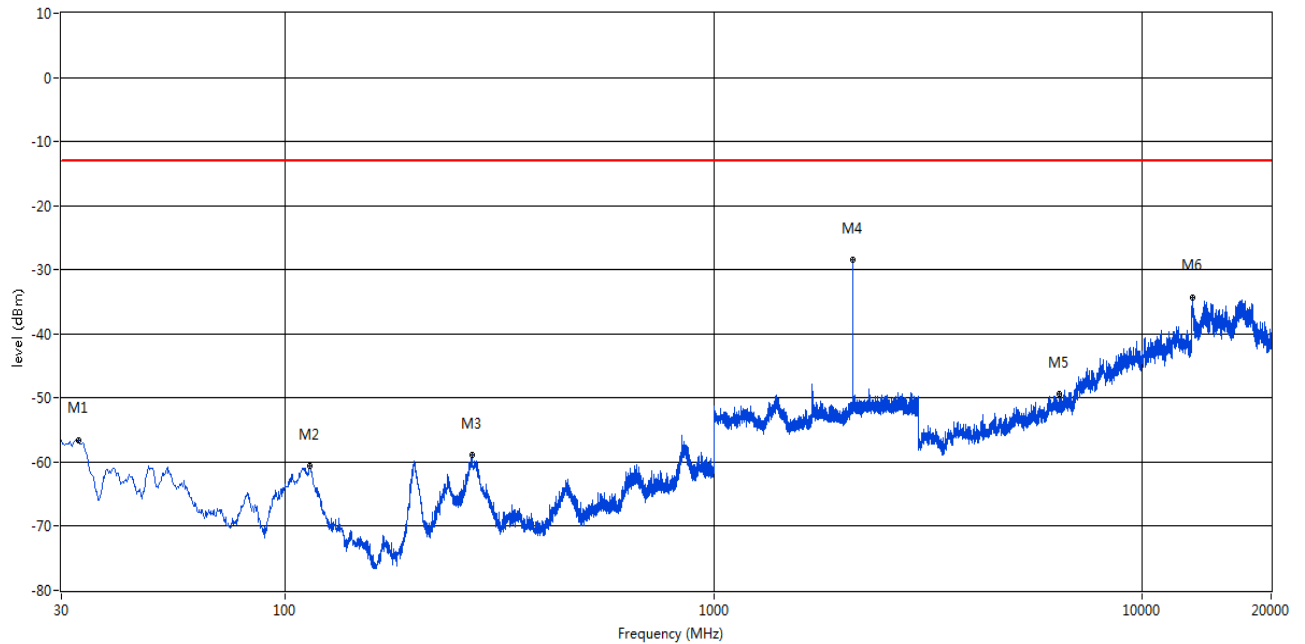
2.4 CH 1312

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-60.37	-6.57	-13.0	47.37	167.60	Horizontal	Horizontal	Pass
199.992	-56.62	-2.99	-13.0	43.62	53.40	Horizontal	Horizontal	Pass
1699.000	-43.69	8.50	-13.0	30.69	271.20	Horizontal	Horizontal	N/A
2111.000	-31.01	9.97	-13.0	18.01	294.70	Horizontal	Horizontal	N/A
6271.125	-48.90	24.67	-13.0	35.90	231.70	Horizontal	Horizontal	Pass
13103.438	-35.66	42.42	-13.0	22.66	32.30	Horizontal	Horizontal	Pass

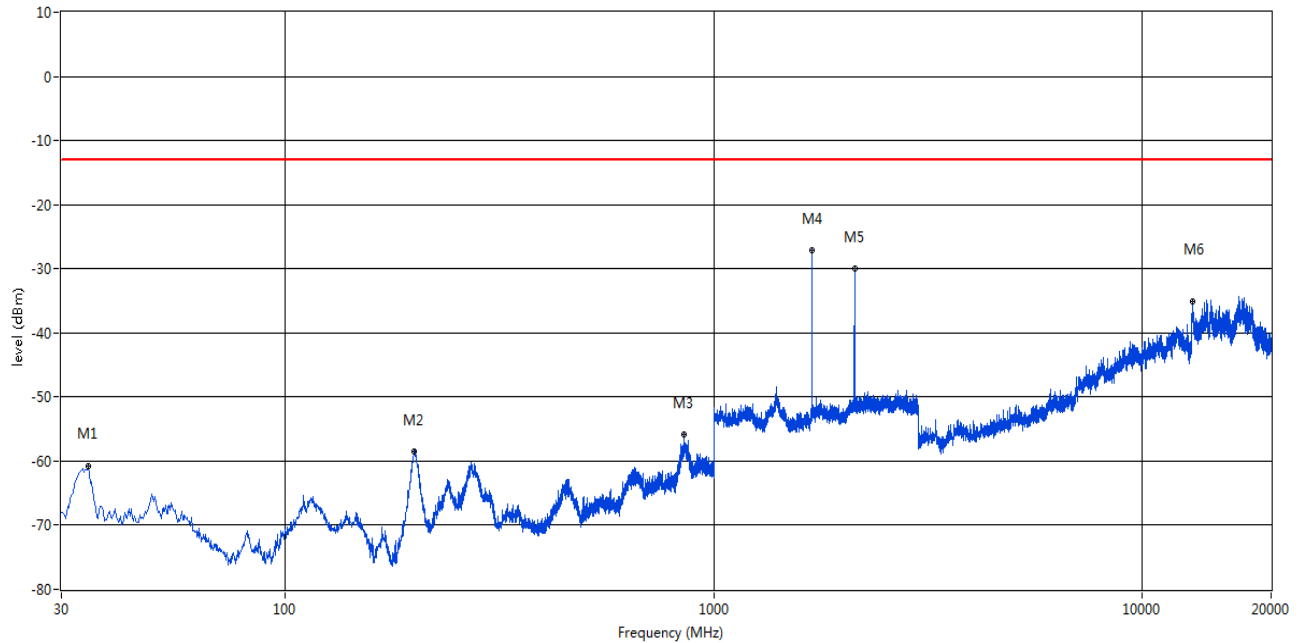
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.55	-6.82	-13.0	43.55	323.40	Vertical	Vertical	Pass
114.147	-60.66	-5.11	-13.0	47.66	46.80	Vertical	Vertical	Pass
272.258	-58.89	-1.66	-13.0	45.89	31.70	Vertical	Vertical	Pass
2111.000	-28.52	9.97	-13.0	15.52	129.20	Vertical	Vertical	N/A
6410.062	-49.41	25.08	-13.0	36.41	285.60	Vertical	Vertical	Pass
13107.063	-34.28	42.28	-13.0	21.28	173.40	Vertical	Vertical	Pass

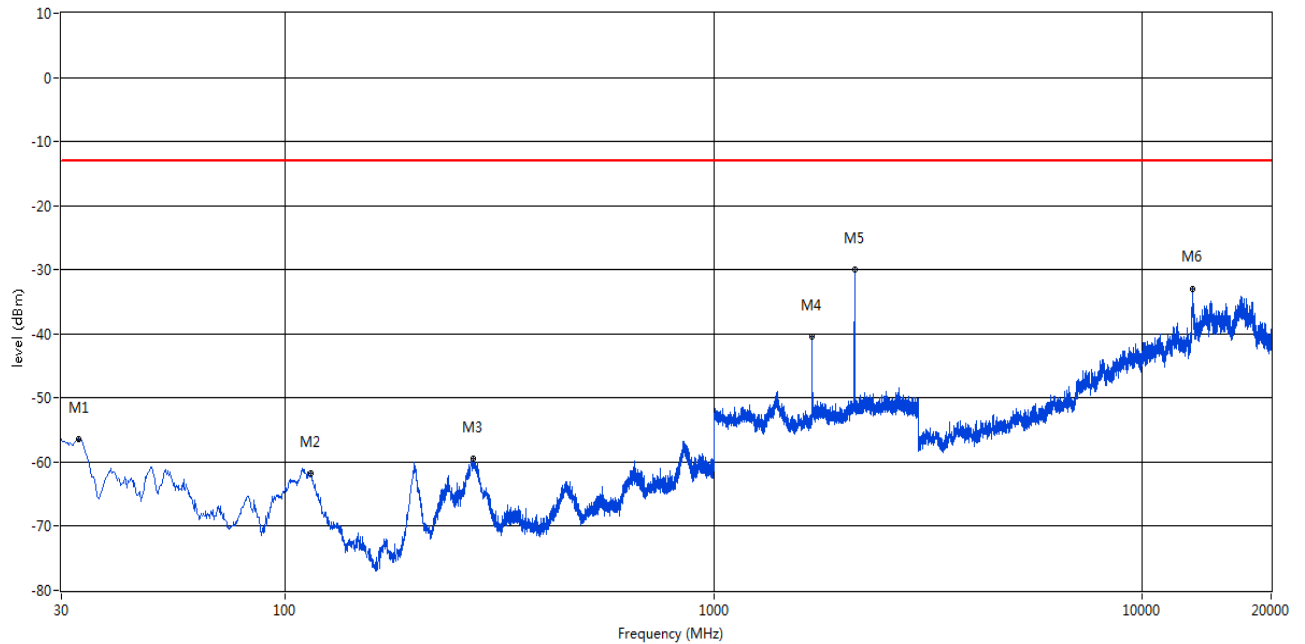
2.5 CH 1412

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.608	-60.73	-6.46	-13.0	47.73	189.30	Horizontal	Horizontal	Pass
199.992	-58.51	-2.99	-13.0	45.51	69.30	Horizontal	Horizontal	Pass
851.590	-55.88	10.67	-13.0	42.88	359.80	Horizontal	Horizontal	Pass
1697.000	-27.06	8.22	-13.0	14.06	265.70	Horizontal	Horizontal	N/A
2133.500	-30.03	9.85	-13.0	17.03	136.00	Horizontal	Horizontal	N/A
13101.625	-35.03	42.49	-13.0	22.03	0.80	Horizontal	Horizontal	Pass

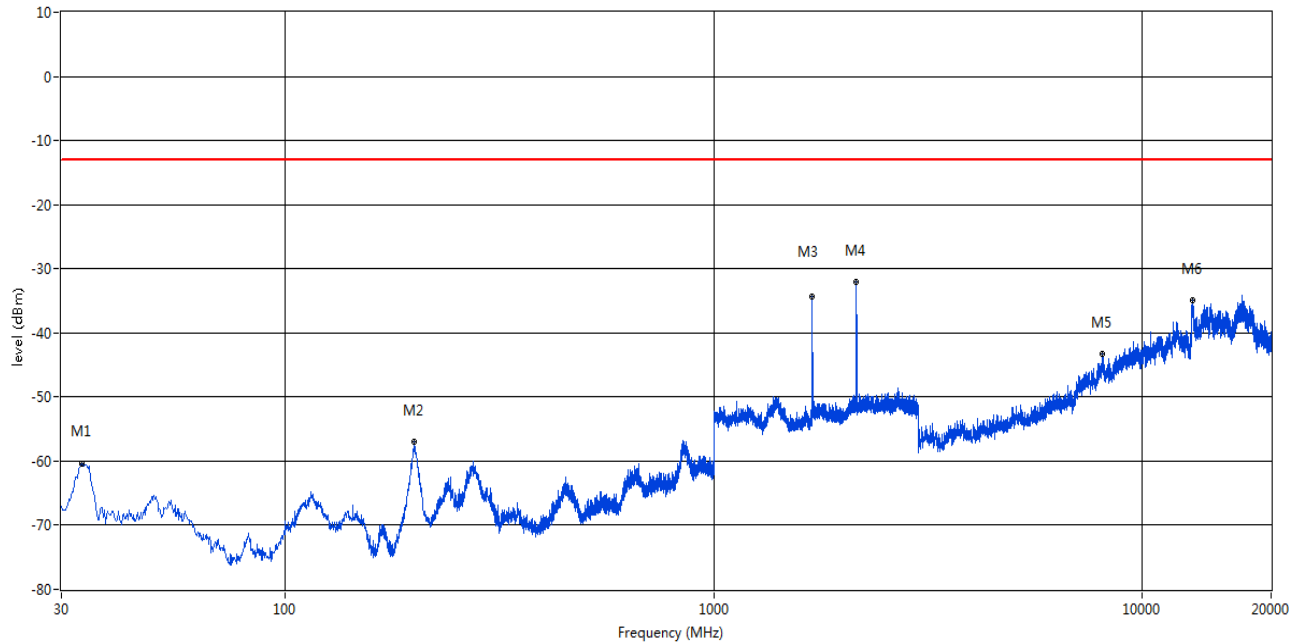
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.33	-6.82	-13.0	43.33	272.20	Vertical	Vertical	Pass
114.632	-61.81	-5.05	-13.0	48.81	172.80	Vertical	Vertical	Pass
274.440	-59.44	-2.04	-13.0	46.44	40.90	Vertical	Vertical	Pass
1699.500	-40.33	8.67	-13.0	27.33	279.60	Vertical	Vertical	Pass
2133.500	-29.96	9.85	-13.0	16.96	37.10	Vertical	Vertical	N/A
13105.250	-32.93	42.35	-13.0	19.93	106.10	Vertical	Vertical	Pass

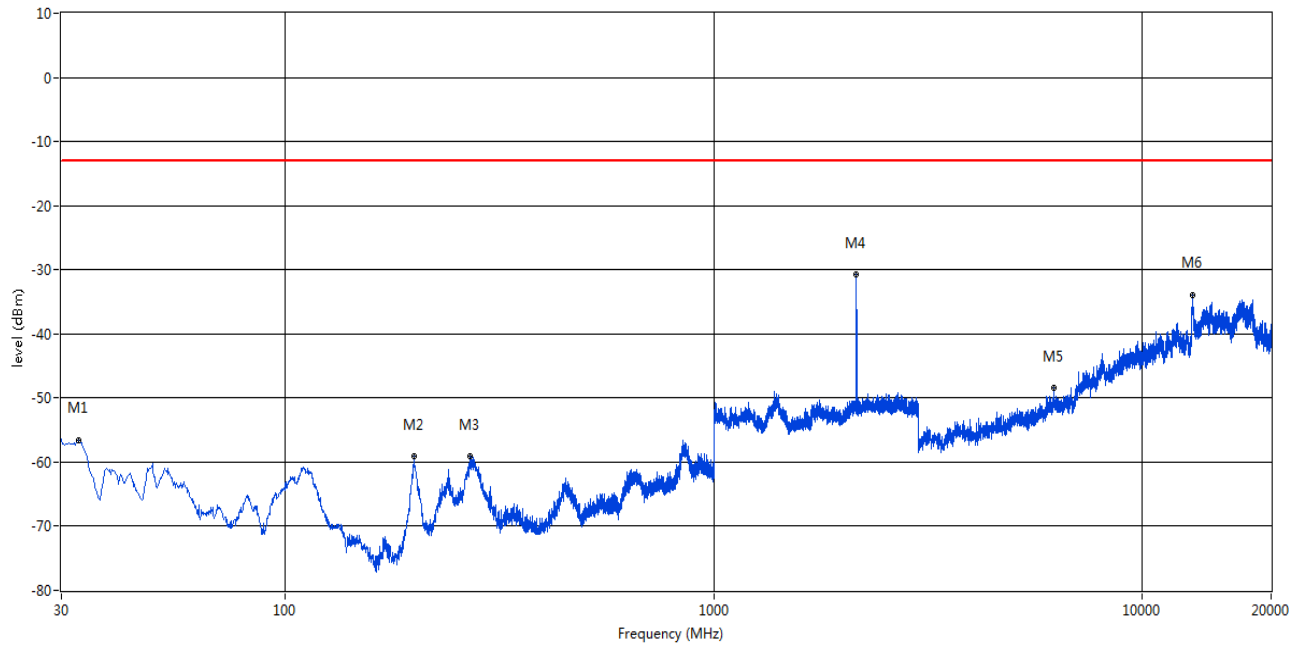
2.6 CH 1513

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-60.32	-6.72	-13.0	47.32	182.10	Horizontal	Horizontal	Pass
199.992	-56.99	-2.99	-13.0	43.99	88.10	Horizontal	Horizontal	Pass
1696.500	-34.34	8.25	-13.0	21.34	0.20	Horizontal	Horizontal	Pass
2152.500	-32.10	9.44	-13.0	19.10	184.40	Horizontal	Horizontal	N/A
8067.562	-43.27	31.62	-13.0	30.27	349.70	Horizontal	Horizontal	Pass
13098.000	-34.90	42.42	-13.0	21.90	267.10	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4

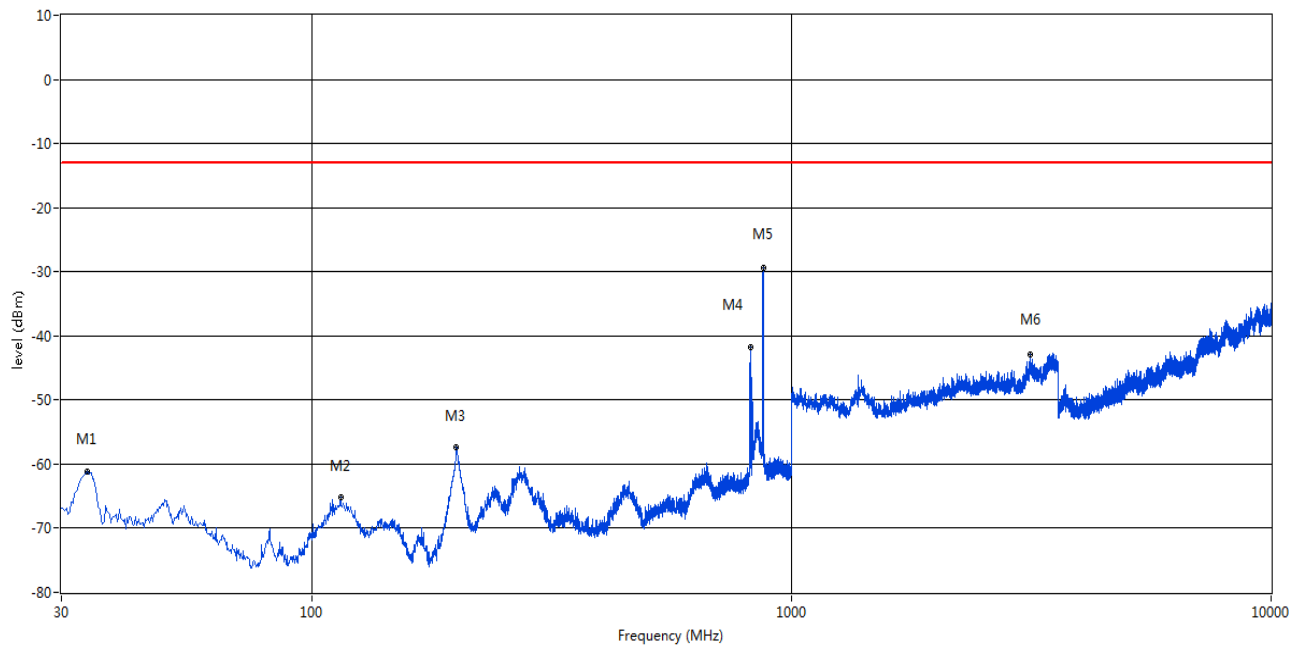


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.52	-6.82	-13.0	43.52	256.80	Vertical	Vertical	Pass
199.992	-59.09	-2.99	-13.0	46.09	338.60	Vertical	Vertical	Pass
270.318	-59.16	-1.26	-13.0	46.16	43.40	Vertical	Vertical	Pass
2153.500	-30.73	9.38	-13.0	17.73	311.30	Vertical	Vertical	N/A
6229.687	-48.46	24.45	-13.0	35.46	28.50	Vertical	Vertical	Pass
13132.438	-33.99	41.30	-13.0	20.99	278.00	Vertical	Vertical	Pass

Band 5

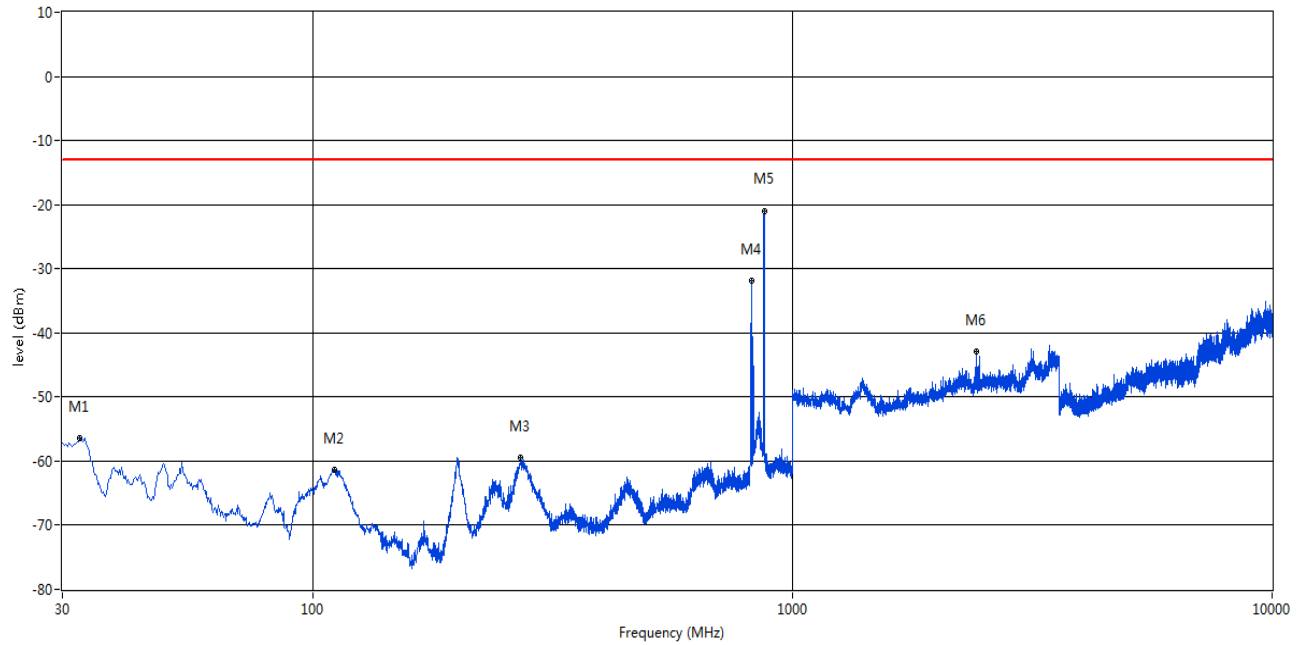
2.7 CH 4132

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-61.11	-6.71	-13.0	48.11	191.60	Horizontal	Horizontal	Pass
114.632	-65.25	-5.15	-13.0	52.25	333.30	Horizontal	Horizontal	Pass
199.992	-57.43	-3.02	-13.0	44.43	57.60	Horizontal	Horizontal	Pass
820.550	-41.81	7.92	-13.0	28.81	130.10	Horizontal	Horizontal	N/A
872.687	-29.34	9.35	-13.0	16.34	321.40	Horizontal	Horizontal	N/A
3151.500	-42.99	18.42	-13.0	29.99	250.00	Horizontal	Horizontal	Pass

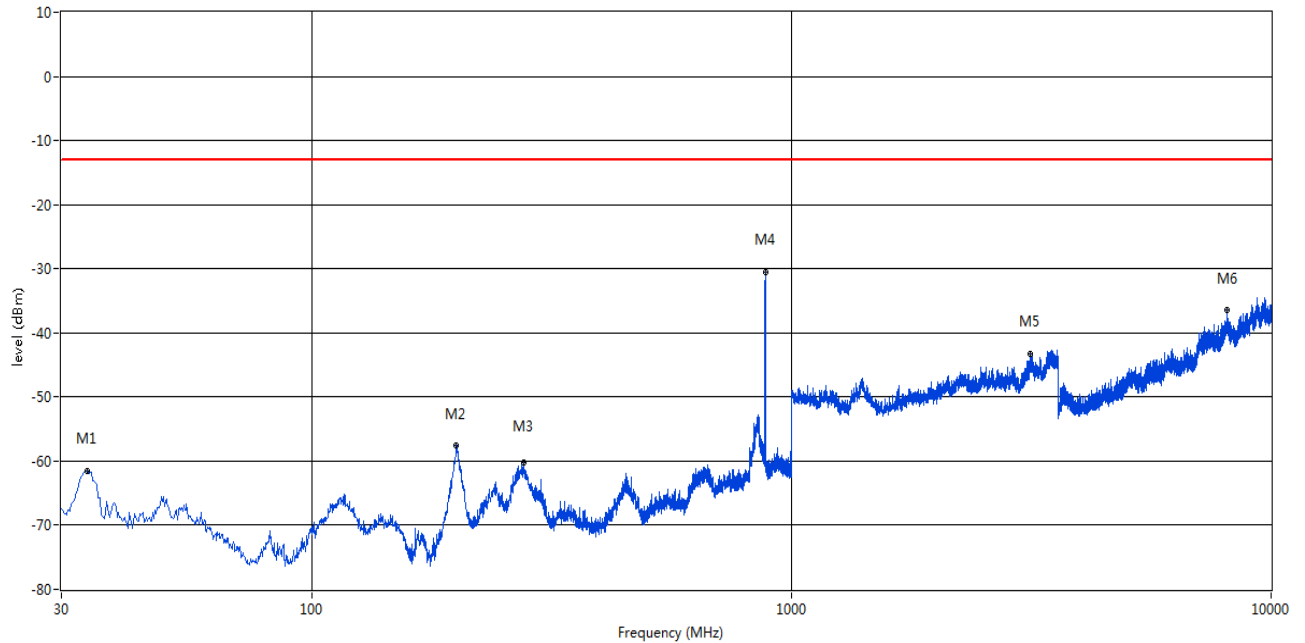
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.667	-56.38	-6.99	-13.0	43.38	321.80	Vertical	Vertical	Pass
110.995	-61.36	-5.53	-13.0	48.36	164.20	Vertical	Vertical	Pass
271.045	-59.47	-1.39	-13.0	46.47	33.20	Vertical	Vertical	Pass
820.308	-31.85	7.87	-13.0	18.85	87.10	Vertical	Vertical	N/A
872.445	-20.94	9.38	-13.0	7.94	47.20	Vertical	Vertical	N/A
2413.100	-42.91	13.43	-13.0	29.91	179.20	Vertical	Vertical	Pass

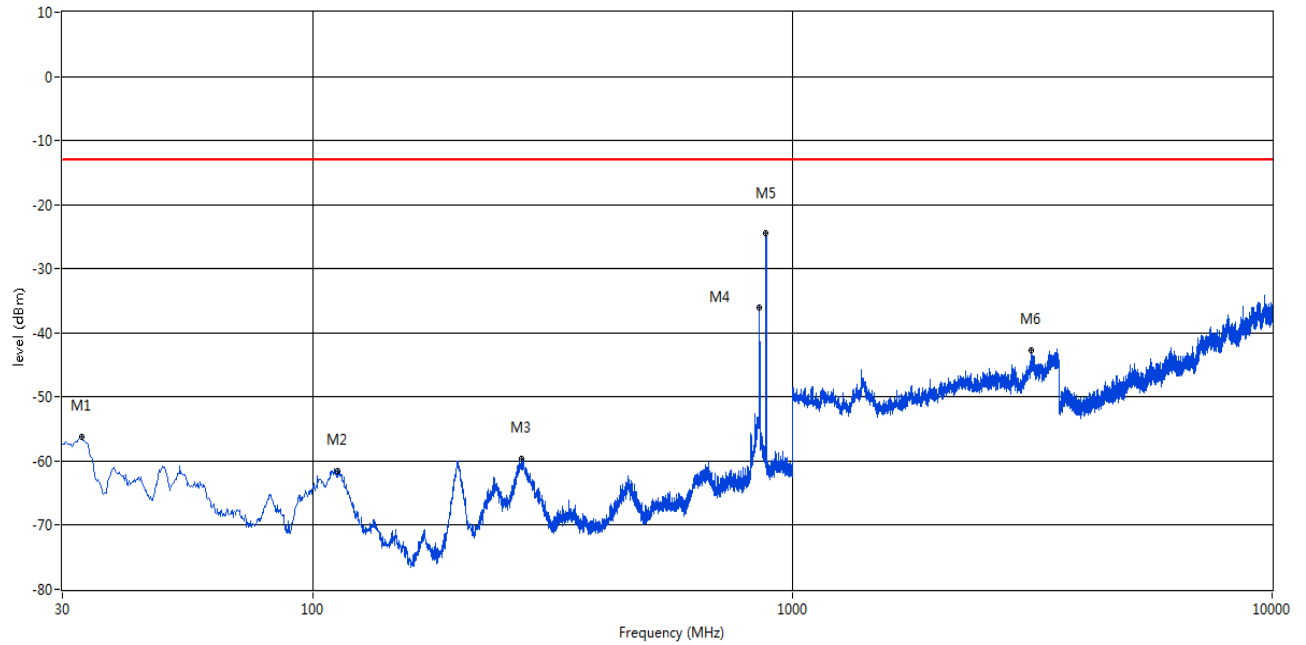
2.8 CH 4182

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-61.48	-6.71	-13.0	48.48	198.40	Horizontal	Horizontal	Pass
199.992	-57.53	-3.02	-13.0	44.53	57.90	Horizontal	Horizontal	Pass
276.622	-60.24	-2.32	-13.0	47.24	57.90	Horizontal	Horizontal	Pass
881.660	-30.46	8.07	-13.0	17.46	325.70	Horizontal	Horizontal	N/A
3152.150	-43.18	18.34	-13.0	30.18	315.20	Horizontal	Horizontal	Pass
8102.000	-36.36	31.87	-13.0	23.36	85.90	Horizontal	Horizontal	Pass

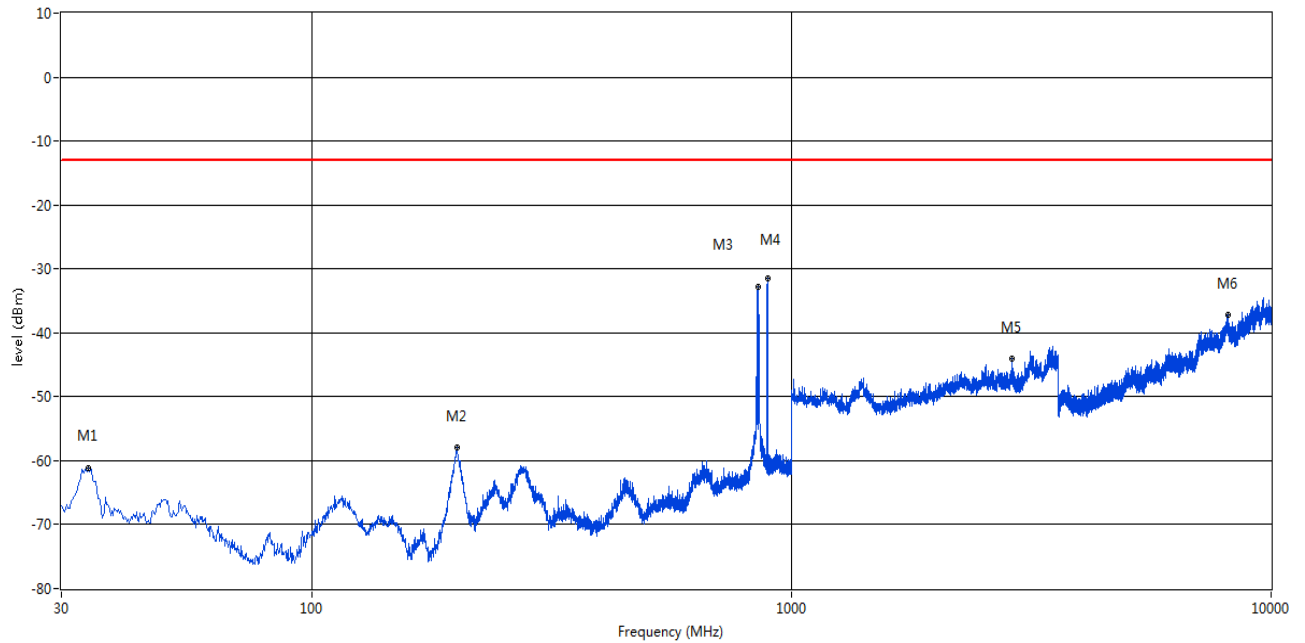
RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.23	-6.94	-13.0	43.23	288.60	Vertical	Vertical	Pass
112.692	-61.62	-5.34	-13.0	48.62	187.10	Vertical	Vertical	Pass
272.742	-59.70	-1.72	-13.0	46.70	24.60	Vertical	Vertical	Pass
853.045	-35.95	13.36	-13.0	22.95	211.30	Vertical	Vertical	Pass
880.205	-24.40	8.25	-13.0	11.40	166.00	Vertical	Vertical	N/A
3148.250	-42.71	18.32	-13.0	29.71	142.90	Vertical	Vertical	Pass

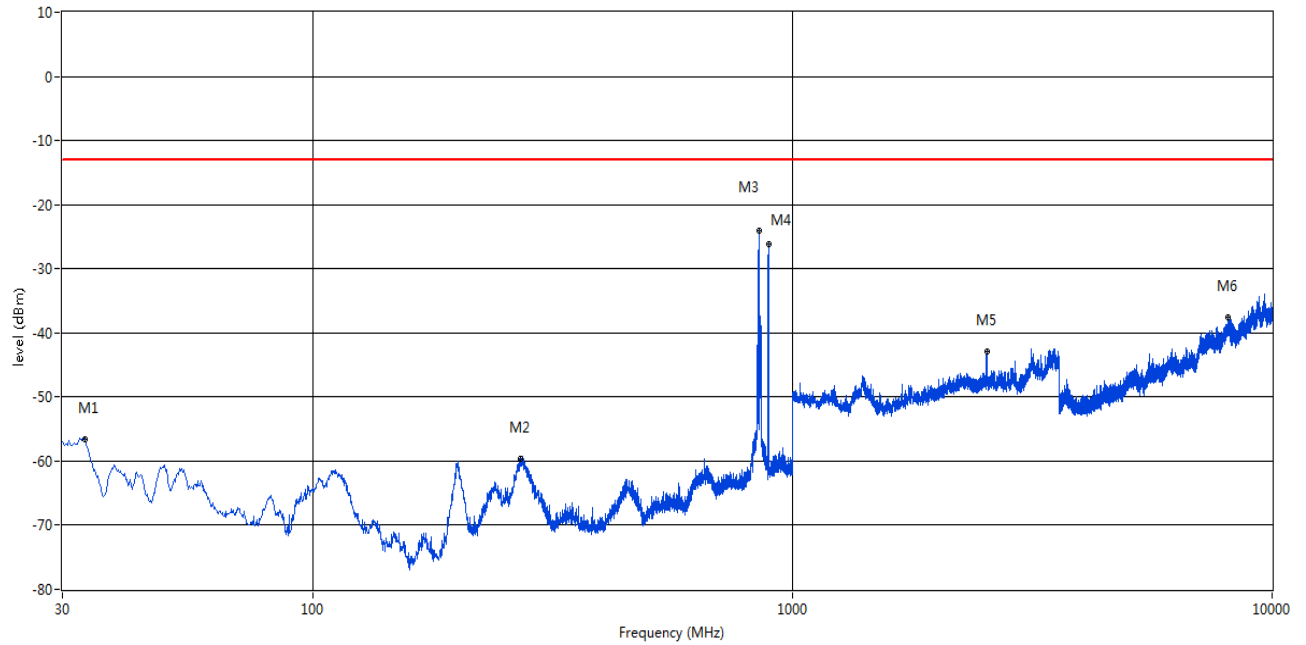
2.9 CH 4233

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-61.12	-6.65	-13.0	48.12	171.60	Horizontal	Horizontal	Pass
200.477	-57.98	-3.24	-13.0	44.98	61.20	Horizontal	Horizontal	Pass
853.287	-32.74	13.20	-13.0	19.74	343.10	Horizontal	Horizontal	Pass
892.330	-31.53	6.92	-13.0	18.53	226.10	Horizontal	Horizontal	N/A
2883.050	-44.12	17.35	-13.0	31.12	28.80	Horizontal	Horizontal	Pass
8121.000	-37.23	31.65	-13.0	24.23	354.50	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 22_850_GSM 850&CDMA BC0&WCDMA B5<E B5&26



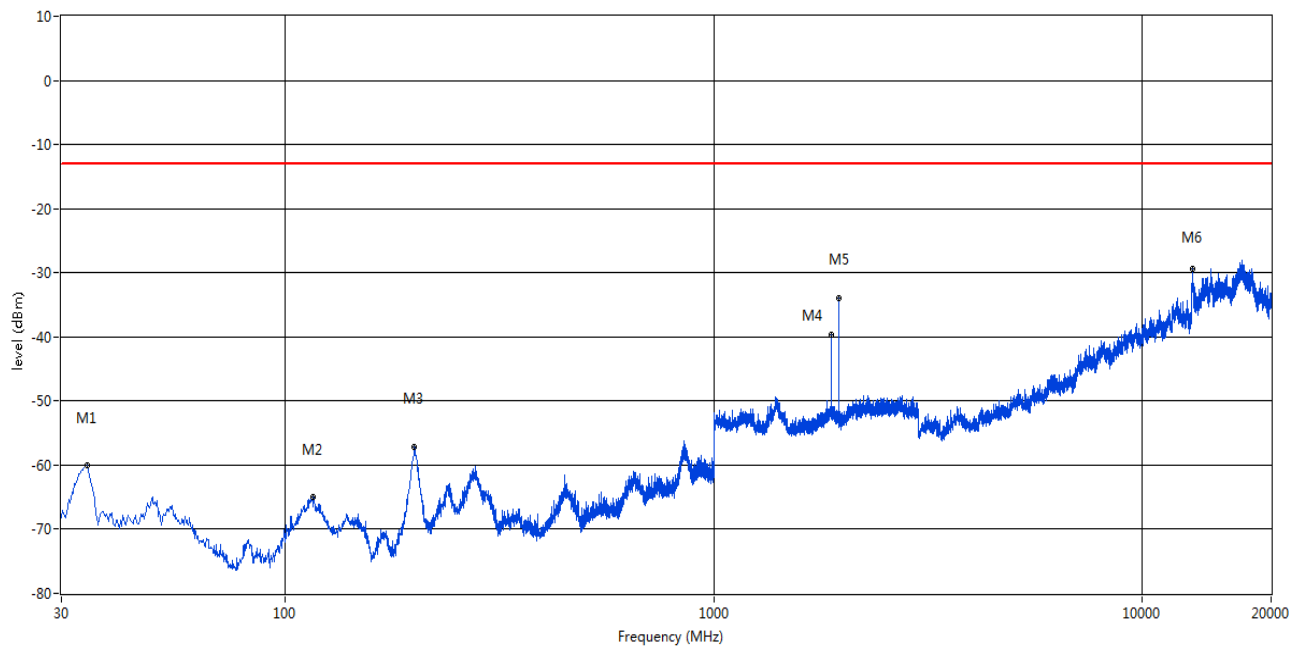
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-56.56	-6.83	-13.0	43.56	305.40	Vertical	Vertical	Pass
270.075	-59.62	-1.25	-13.0	46.62	24.40	Vertical	Vertical	Pass
851.833	-24.00	14.06	-13.0	11.00	21.40	Vertical	Vertical	Pass
891.845	-26.08	6.91	-13.0	13.08	36.10	Vertical	Vertical	N/A
2543.100	-42.89	15.11	-13.0	29.89	36.60	Vertical	Vertical	Pass
8086.000	-37.54	31.86	-13.0	24.54	18.50	Vertical	Vertical	Pass

3. LTE

BAND 2

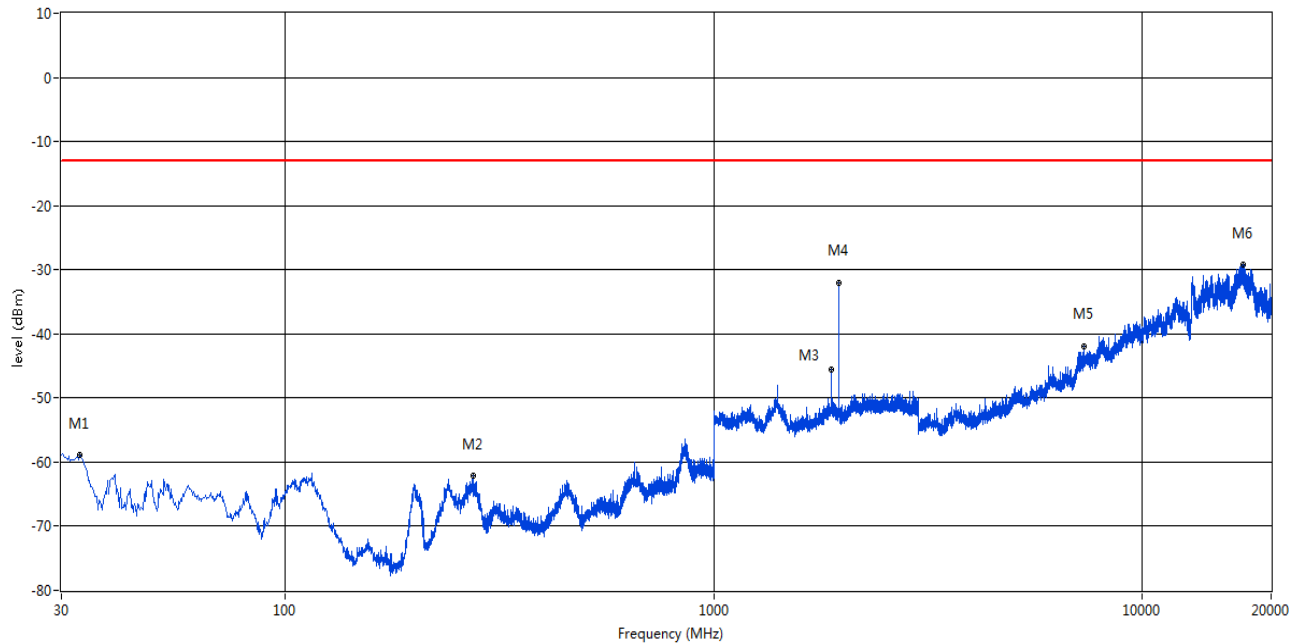
3.1 1.4 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-60.10	-6.52	-13.0	47.10	171.30	Horizontal	Horizontal	Pass
115.845	-65.03	-5.35	-13.0	52.03	336.90	Horizontal	Horizontal	Pass
199.992	-57.25	-2.94	-13.0	44.25	62.70	Horizontal	Horizontal	Pass
1879.500	-39.67	9.54	-13.0	26.67	102.10	Horizontal	Horizontal	N/A
1960.000	-33.93	8.64	-13.0	20.93	333.30	Horizontal	Horizontal	N/A
13101.625	-29.35	42.49	-13.0	16.35	92.50	Horizontal	Horizontal	Pass

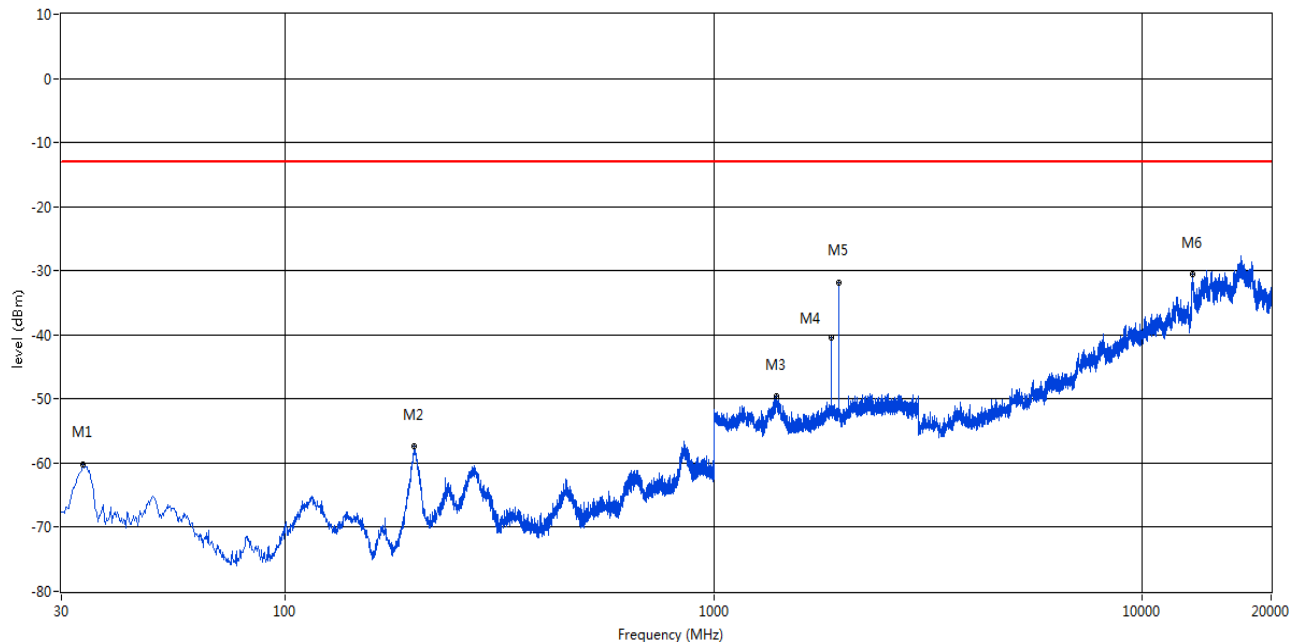
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-58.95	-6.85	-13.0	45.95	296.70	Vertical	Vertical	Pass
273.712	-62.17	-1.88	-13.0	49.17	45.40	Vertical	Vertical	Pass
1879.500	-45.55	9.54	-13.0	32.55	135.60	Vertical	Vertical	N/A
1959.500	-31.97	8.71	-13.0	18.97	306.60	Vertical	Vertical	N/A
7302.188	-41.87	28.58	-13.0	28.87	229.50	Vertical	Vertical	Pass
17246.812	-29.26	39.47	-13.0	16.26	2.30	Vertical	Vertical	Pass

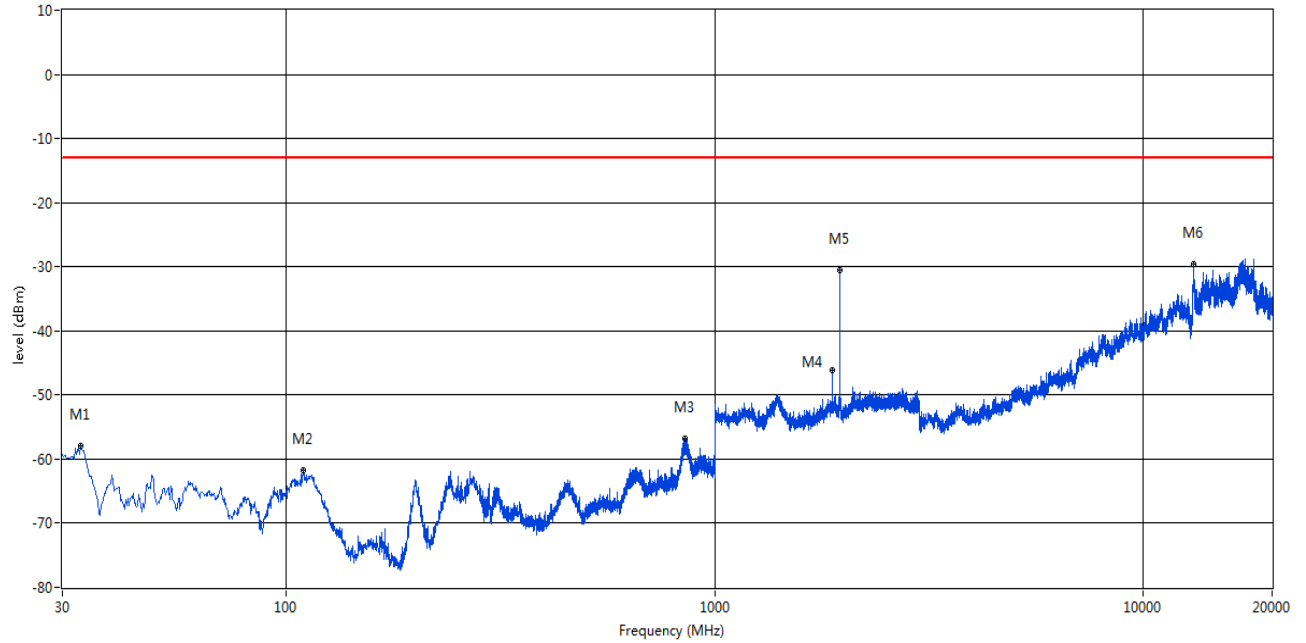
3.2 3 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.638	-60.14	-6.72	-13.0	47.14	173.50	Horizontal	Horizontal	Pass
200.235	-57.38	-3.08	-13.0	44.38	68.10	Horizontal	Horizontal	Pass
1404.500	-49.62	9.79	-13.0	36.62	0.70	Horizontal	Horizontal	Pass
1878.500	-40.46	9.54	-13.0	27.46	268.30	Horizontal	Horizontal	N/A
1960.500	-31.77	8.58	-13.0	18.77	254.80	Horizontal	Horizontal	N/A
13101.625	-30.50	42.49	-13.0	17.50	108.00	Horizontal	Horizontal	Pass

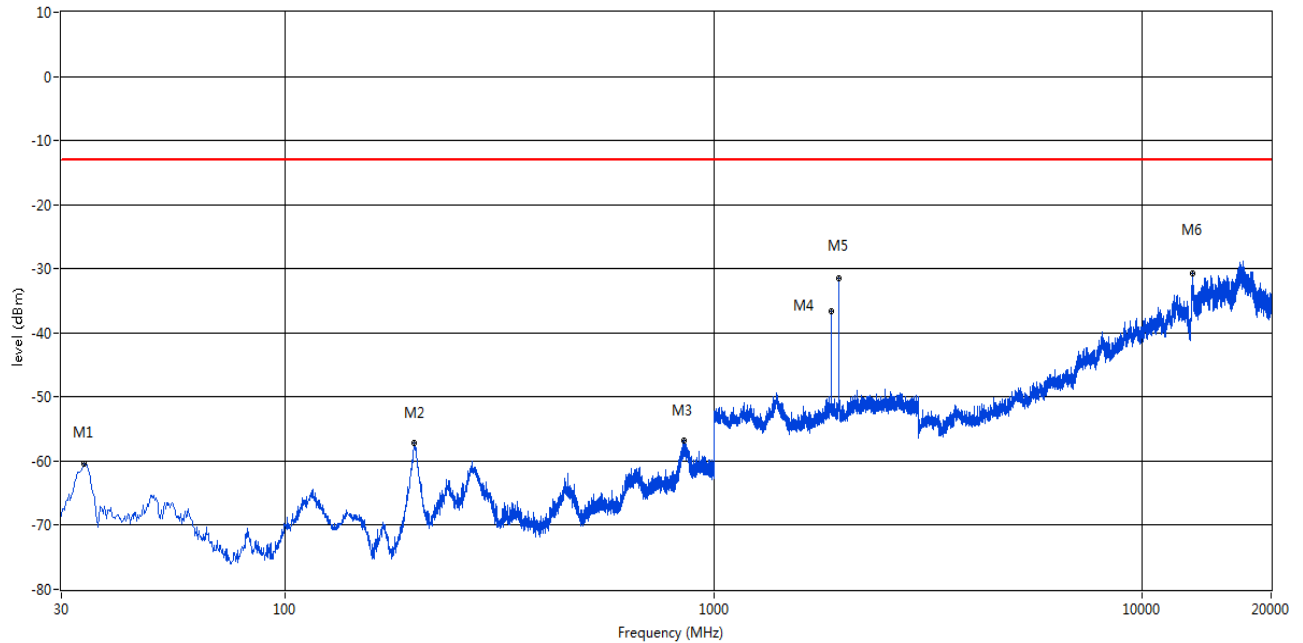
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-57.93	-6.85	-13.0	44.93	307.70	Vertical	Vertical	Pass
109.540	-61.73	-5.89	-13.0	48.73	18.50	Vertical	Vertical	Pass
851.347	-56.76	10.64	-13.0	43.76	131.10	Vertical	Vertical	Pass
1879.000	-46.10	9.54	-13.0	33.10	9.20	Vertical	Vertical	N/A
1959.500	-30.45	8.71	-13.0	17.45	312.70	Vertical	Vertical	N/A
13099.813	-29.61	42.54	-13.0	16.61	359.00	Vertical	Vertical	Pass

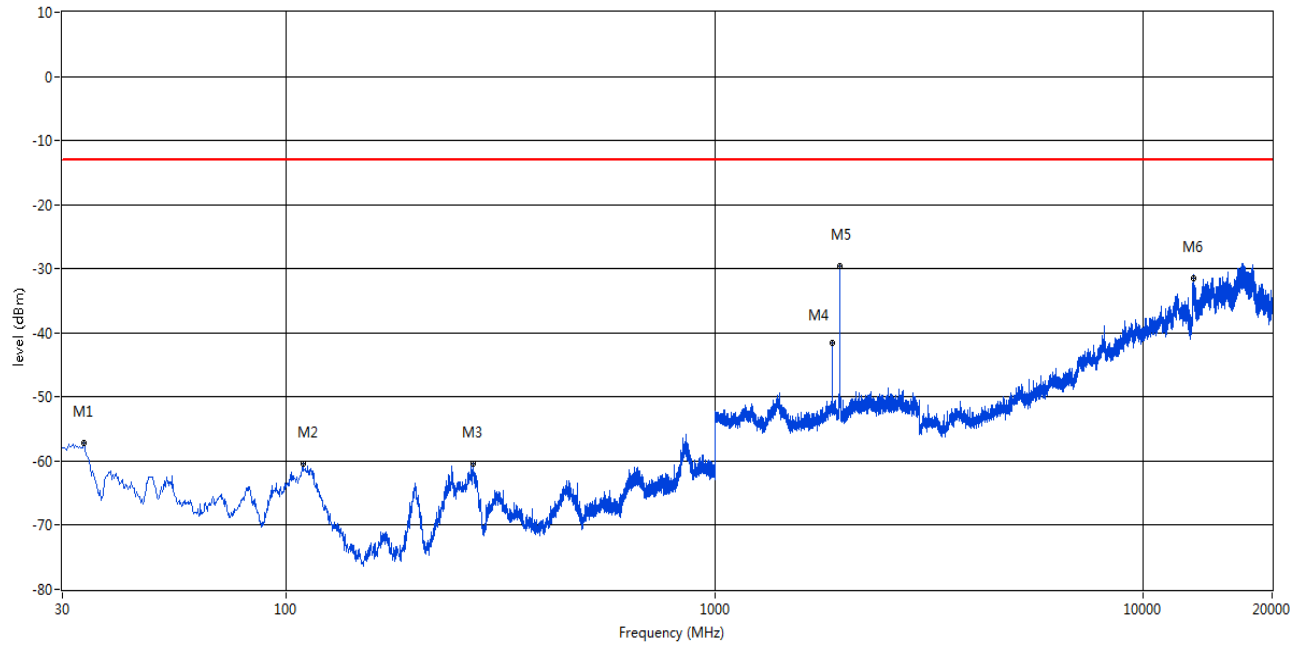
3.3 5 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.39	-6.65	-13.0	47.39	184.00	Horizontal	Horizontal	Pass
199.992	-57.13	-2.94	-13.0	44.13	77.20	Horizontal	Horizontal	Pass
854.015	-56.83	10.57	-13.0	43.83	318.60	Horizontal	Horizontal	Pass
1877.500	-36.65	9.53	-13.0	23.65	101.60	Horizontal	Horizontal	N/A
1959.000	-31.54	8.77	-13.0	18.54	296.00	Horizontal	Horizontal	N/A
13123.375	-30.69	41.65	-13.0	17.69	359.40	Horizontal	Horizontal	Pass

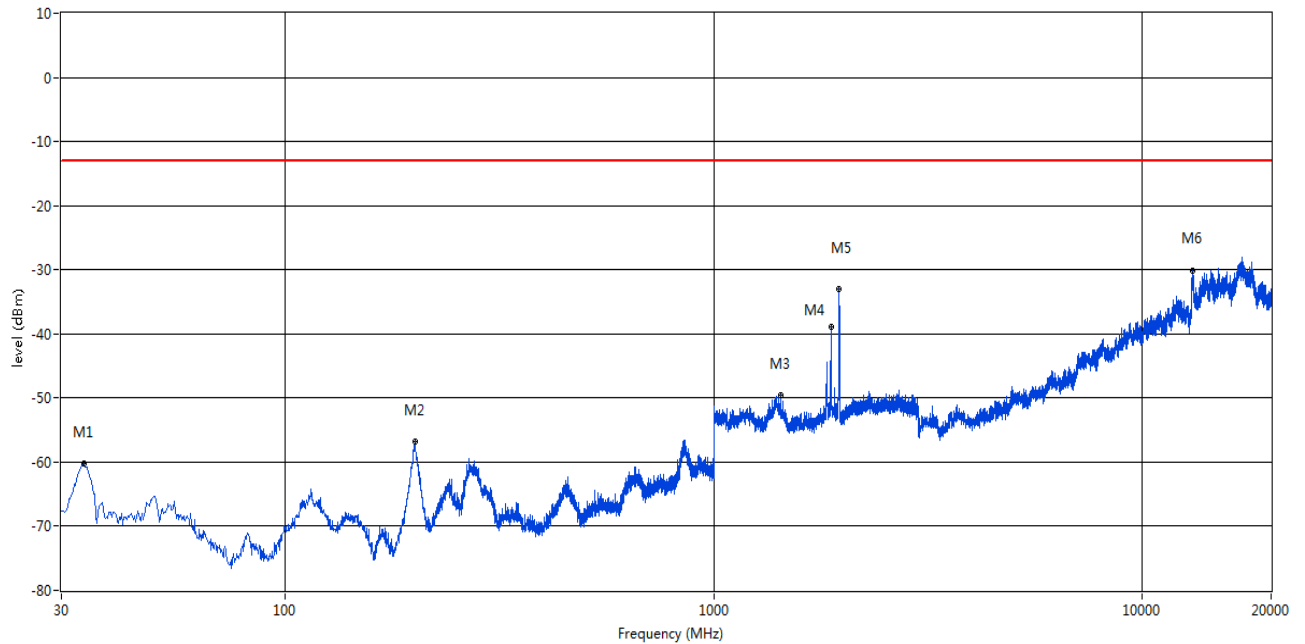
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.638	-57.22	-6.72	-13.0	44.22	319.80	Vertical	Vertical	Pass
109.298	-60.49	-5.95	-13.0	47.49	70.10	Vertical	Vertical	Pass
272.985	-60.45	-1.75	-13.0	47.45	28.10	Vertical	Vertical	Pass
1877.500	-41.54	9.53	-13.0	28.54	130.10	Vertical	Vertical	N/A
1958.500	-29.63	8.82	-13.0	16.63	310.60	Vertical	Vertical	N/A
13101.625	-31.44	42.49	-13.0	18.44	0.00	Vertical	Vertical	Pass

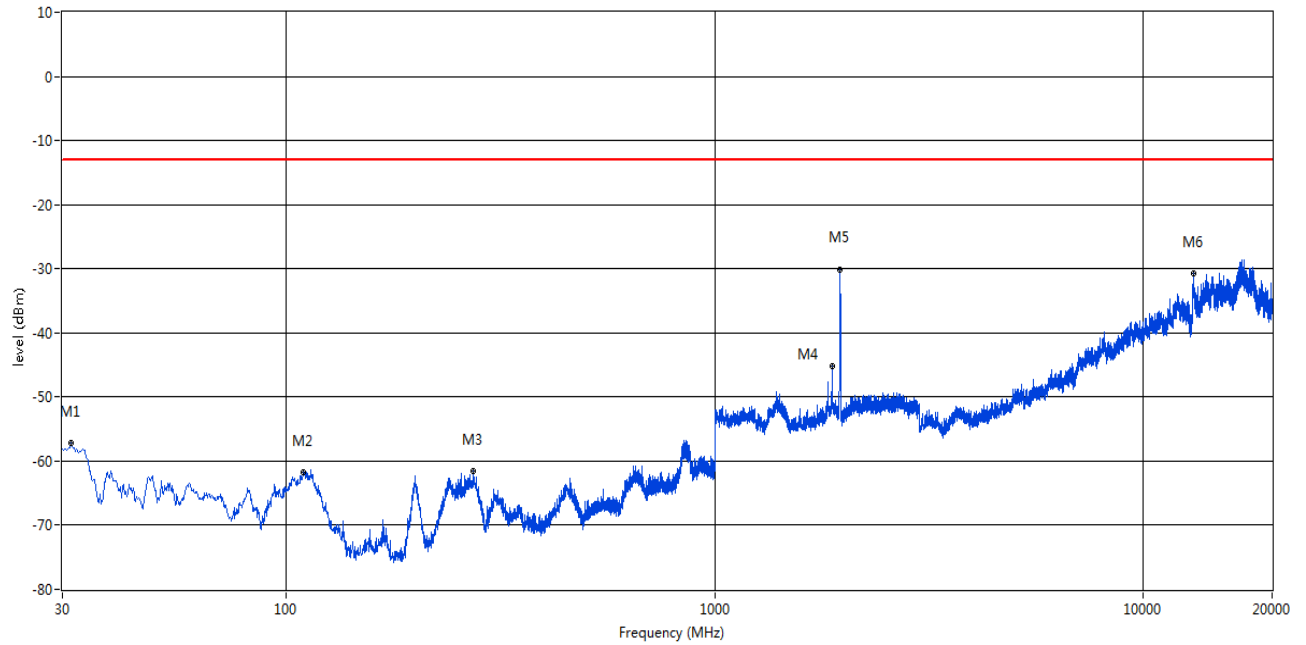
3.4 10 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.30	-6.65	-13.0	47.30	148.30	Horizontal	Horizontal	Pass
200.477	-56.78	-3.22	-13.0	43.78	68.50	Horizontal	Horizontal	Pass
1430.500	-49.58	8.42	-13.0	36.58	85.60	Horizontal	Horizontal	Pass
1883.000	-38.84	9.55	-13.0	25.84	274.70	Horizontal	Horizontal	N/A
1956.500	-32.95	9.08	-13.0	19.95	164.50	Horizontal	Horizontal	N/A
13107.063	-30.19	42.28	-13.0	17.19	294.80	Horizontal	Horizontal	Pass

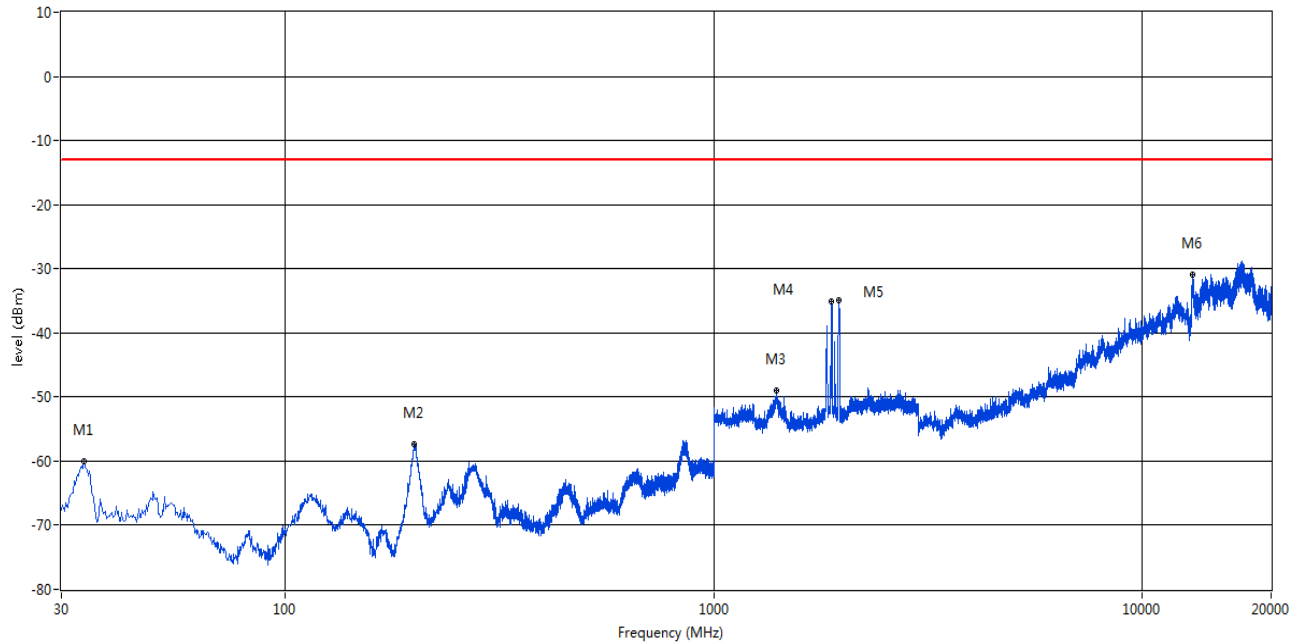
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
31.455	-57.24	-7.09	-13.0	44.24	301.20	Vertical	Vertical	Pass
109.540	-61.73	-5.89	-13.0	48.73	162.20	Vertical	Vertical	Pass
273.470	-61.53	-1.83	-13.0	48.53	26.40	Vertical	Vertical	Pass
1882.500	-45.27	9.55	-13.0	32.27	129.40	Vertical	Vertical	N/A
1962.500	-30.09	8.31	-13.0	17.09	310.80	Vertical	Vertical	N/A
13103.438	-30.73	42.42	-13.0	17.73	360.70	Vertical	Vertical	Pass

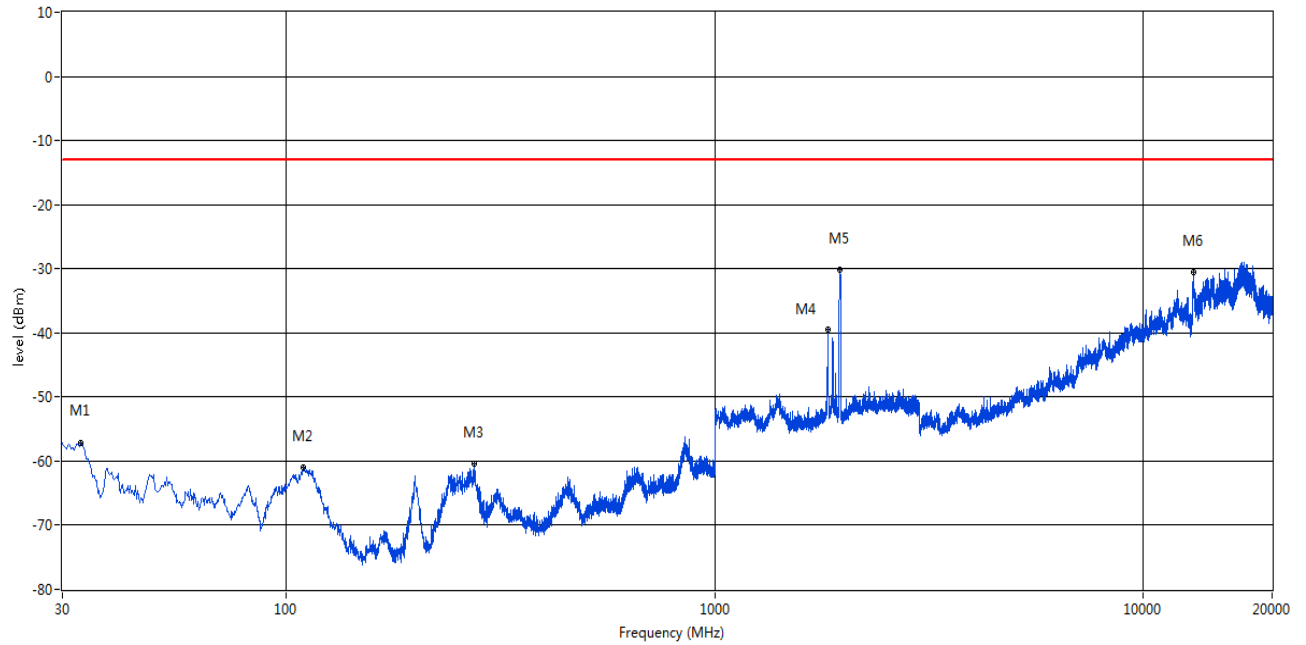
3.5 15 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.09	-6.65	-13.0	47.09	183.10	Horizontal	Horizontal	Pass
199.992	-57.41	-2.94	-13.0	44.41	51.50	Horizontal	Horizontal	Pass
1400.500	-49.00	9.95	-13.0	36.00	268.30	Horizontal	Horizontal	Pass
1886.000	-35.11	9.56	-13.0	22.11	278.30	Horizontal	Horizontal	N/A
1955.500	-34.90	9.21	-13.0	21.90	70.70	Horizontal	Horizontal	N/A
13123.375	-30.96	41.65	-13.0	17.96	1.20	Horizontal	Horizontal	Pass

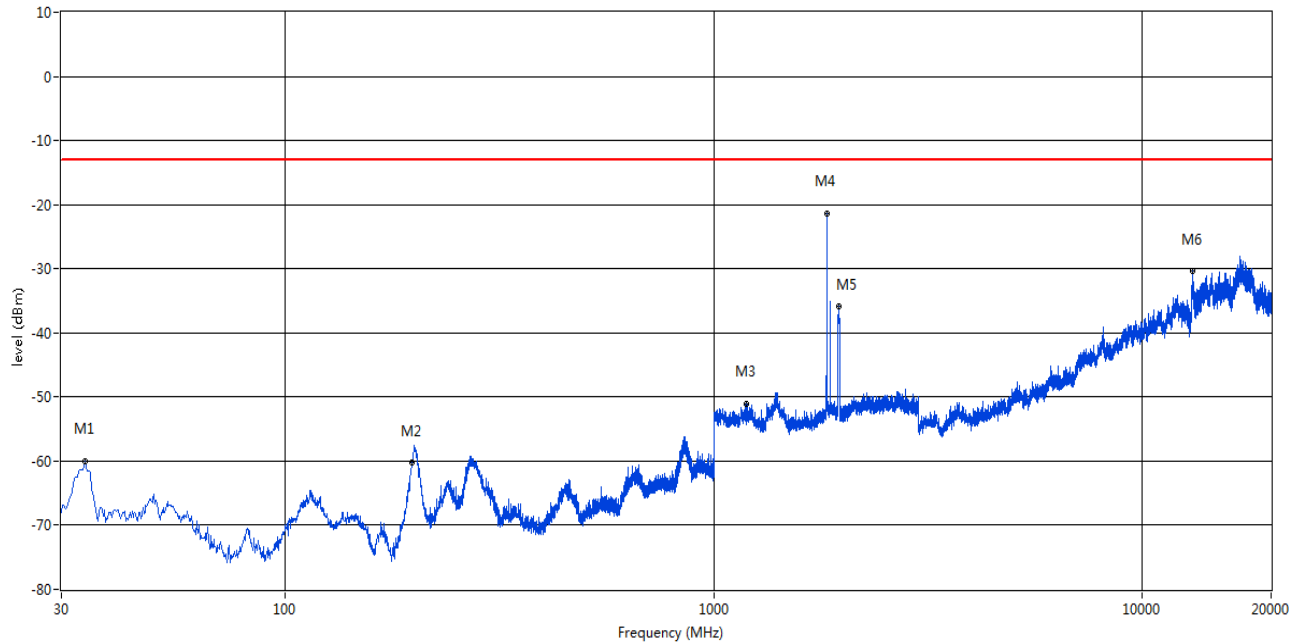
RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-57.12	-6.85	-13.0	44.12	313.40	Vertical	Vertical	Pass
109.783	-61.00	-5.82	-13.0	48.00	55.90	Vertical	Vertical	Pass
273.955	-60.38	-1.92	-13.0	47.38	46.90	Vertical	Vertical	Pass
1836.500	-39.39	9.27	-13.0	26.39	135.10	Vertical	Vertical	Pass
1956.500	-30.18	9.08	-13.0	17.18	311.30	Vertical	Vertical	N/A
13098.000	-30.52	42.42	-13.0	17.52	26.00	Vertical	Vertical	Pass

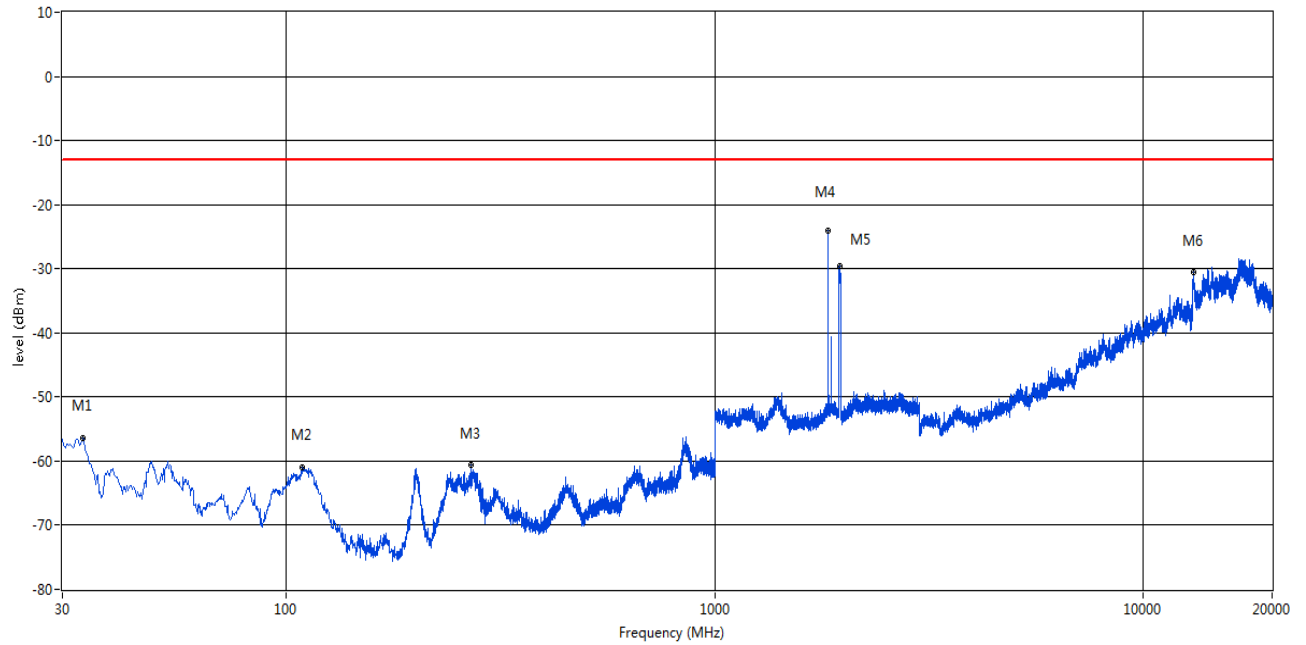
3.6 20 MHz CH18900

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-59.96	-6.58	-13.0	46.96	172.90	Horizontal	Horizontal	Pass
197.568	-60.22	-5.08	-13.0	47.22	72.90	Horizontal	Horizontal	Pass
1194.500	-50.99	7.11	-13.0	37.99	291.70	Horizontal	Horizontal	Pass
1835.500	-21.42	9.07	-13.0	8.42	355.80	Horizontal	Horizontal	N/A
1962.000	-35.80	8.31	-13.0	22.80	307.30	Horizontal	Horizontal	N/A
13103.438	-30.29	42.42	-13.0	17.29	0.40	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2&25

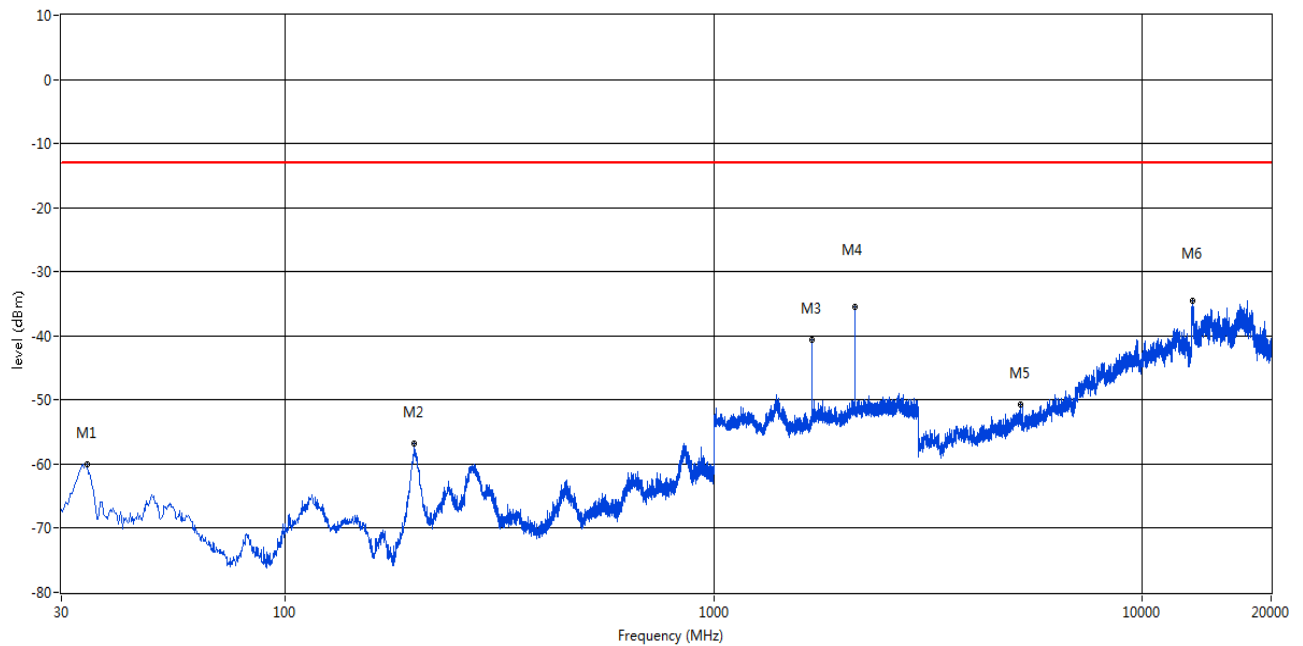


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.395	-56.35	-6.78	-13.0	43.35	323.80	Vertical	Vertical	Pass
108.570	-60.92	-6.14	-13.0	47.92	24.50	Vertical	Vertical	Pass
270.075	-60.68	-1.25	-13.0	47.68	24.50	Vertical	Vertical	Pass
1835.000	-24.15	8.91	-13.0	11.15	133.00	Vertical	Vertical	N/A
1953.000	-29.63	9.26	-13.0	16.63	311.90	Vertical	Vertical	N/A
13098.000	-30.61	42.42	-13.0	17.61	66.50	Vertical	Vertical	Pass

BAND 4

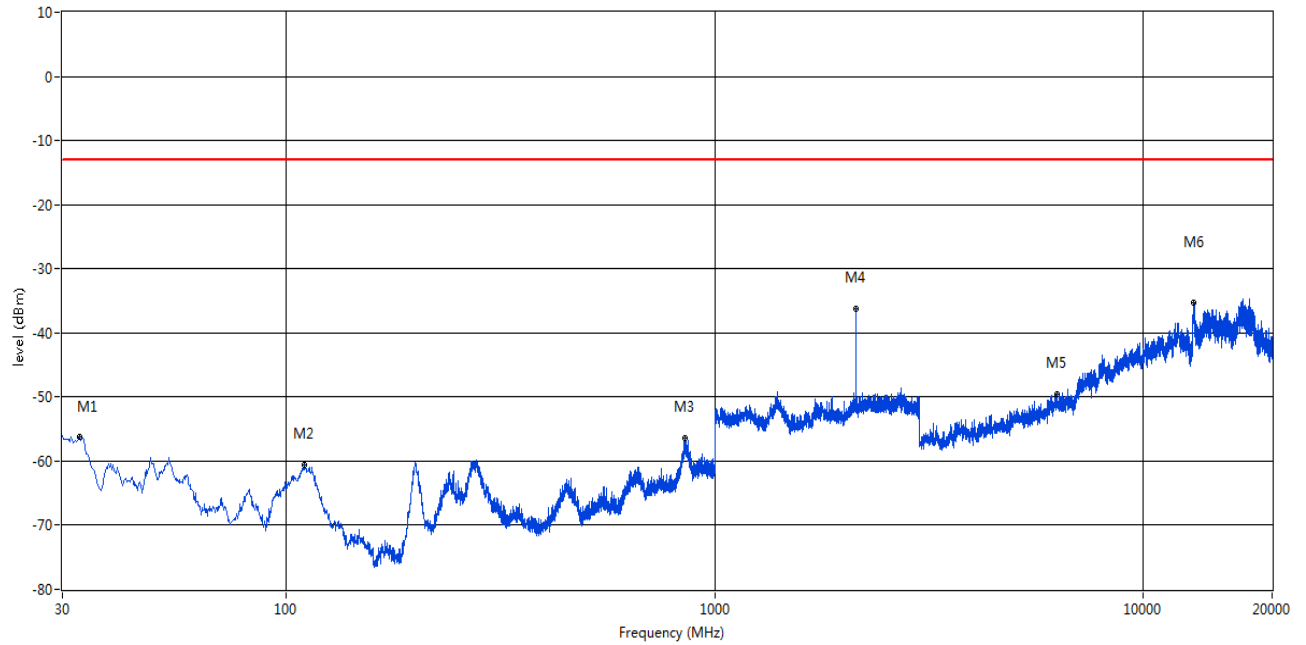
3.7 1.4 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-60.04	-6.52	-13.0	47.04	158.70	Horizontal	Horizontal	Pass
199.992	-56.82	-2.99	-13.0	43.82	65.00	Horizontal	Horizontal	Pass
1699.000	-40.66	8.50	-13.0	27.66	285.00	Horizontal	Horizontal	Pass
2132.500	-35.44	9.86	-13.0	22.44	21.10	Horizontal	Horizontal	N/A
5196.188	-50.73	22.40	-13.0	37.73	0.00	Horizontal	Horizontal	Pass
13132.438	-34.58	41.30	-13.0	21.58	312.40	Horizontal	Horizontal	Pass

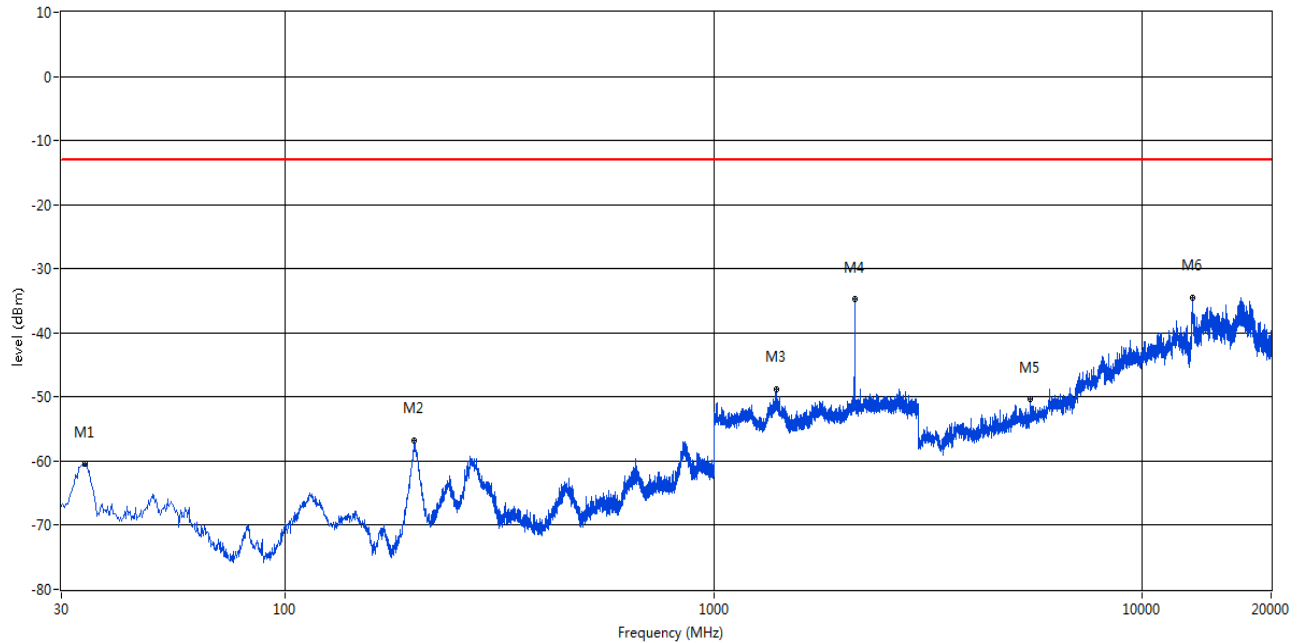
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-56.14	-6.82	-13.0	43.14	296.80	Vertical	Vertical	Pass
110.025	-60.61	-5.73	-13.0	47.61	25.50	Vertical	Vertical	Pass
849.893	-56.46	10.57	-13.0	43.46	102.40	Vertical	Vertical	Pass
2132.500	-36.16	9.86	-13.0	23.16	320.30	Vertical	Vertical	N/A
6297.937	-49.61	24.80	-13.0	36.61	121.90	Vertical	Vertical	Pass
13103.438	-35.25	42.42	-13.0	22.25	11.50	Vertical	Vertical	Pass

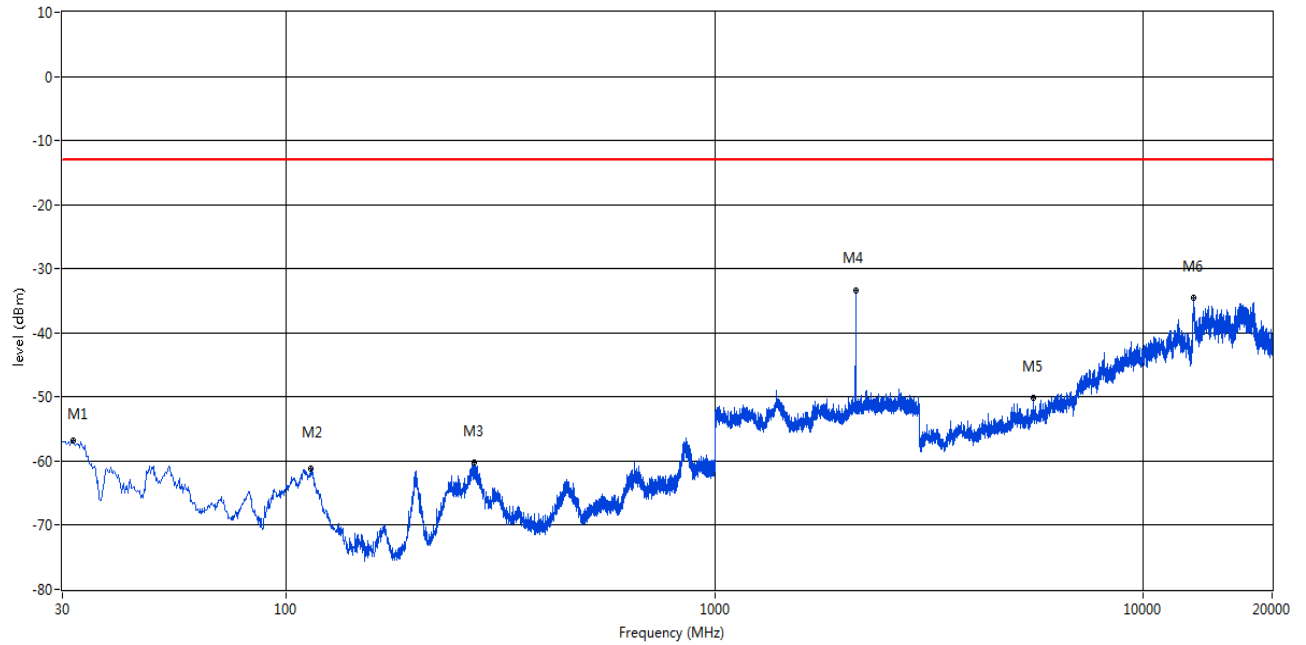
3.8 3 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-60.40	-6.57	-13.0	47.40	186.20	Horizontal	Horizontal	Pass
199.992	-56.72	-2.99	-13.0	43.72	64.40	Horizontal	Horizontal	Pass
1402.000	-48.74	9.92	-13.0	35.74	102.60	Horizontal	Horizontal	Pass
2132.000	-34.79	9.85	-13.0	21.79	34.40	Horizontal	Horizontal	N/A
5491.125	-50.38	22.14	-13.0	37.38	253.00	Horizontal	Horizontal	Pass
13099.813	-34.45	42.54	-13.0	21.45	1.00	Horizontal	Horizontal	Pass

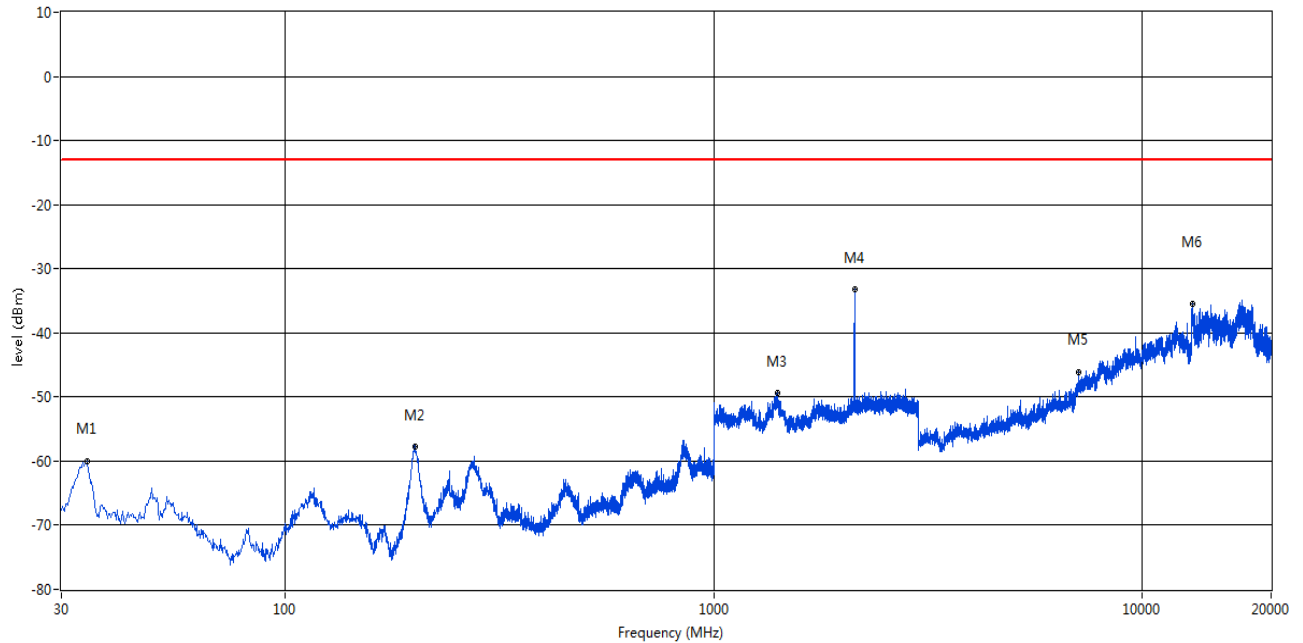
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
31.698	-56.85	-7.10	-13.0	43.85	313.20	Vertical	Vertical	Pass
114.147	-61.22	-5.11	-13.0	48.22	190.20	Vertical	Vertical	Pass
274.198	-60.24	-2.01	-13.0	47.24	17.90	Vertical	Vertical	Pass
2132.000	-33.31	9.85	-13.0	20.31	147.20	Vertical	Vertical	N/A
5544.750	-50.12	22.98	-13.0	37.12	319.10	Vertical	Vertical	Pass
13101.625	-34.53	42.49	-13.0	21.53	285.40	Vertical	Vertical	Pass

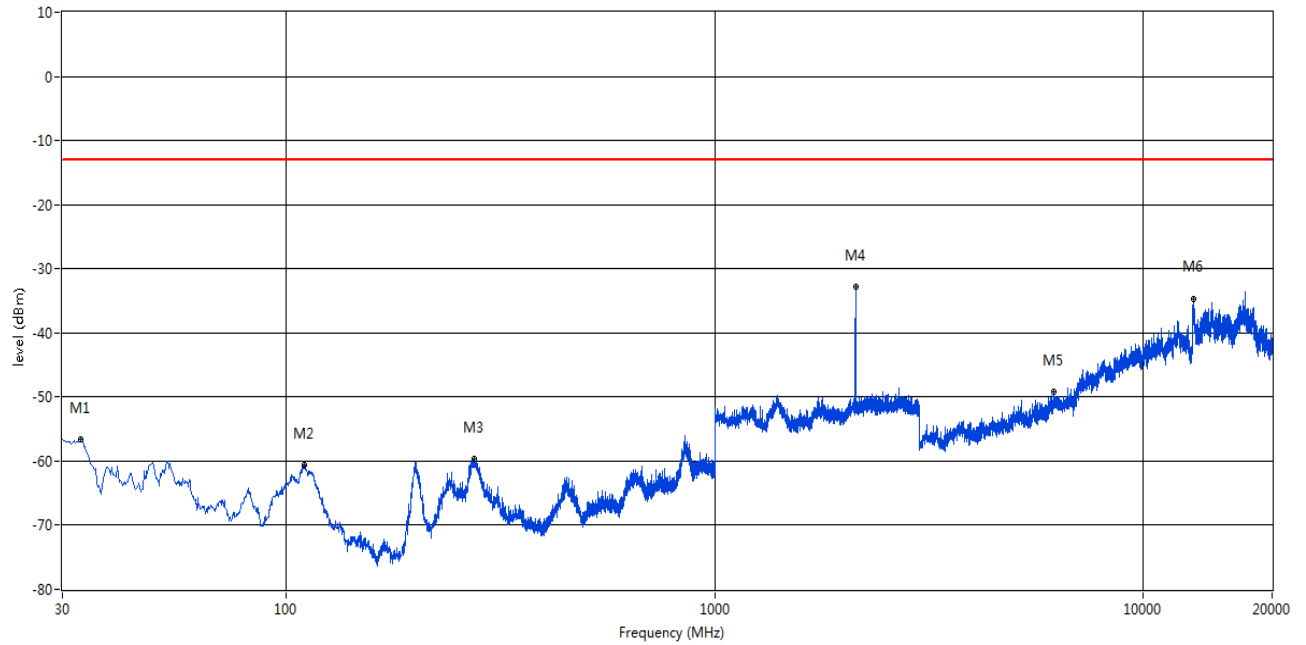
3.9 5 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-59.94	-6.52	-13.0	46.94	168.80	Horizontal	Horizontal	Pass
200.720	-57.70	-3.39	-13.0	44.70	62.00	Horizontal	Horizontal	Pass
1406.000	-49.40	9.69	-13.0	36.40	58.40	Horizontal	Horizontal	Pass
2131.500	-33.20	9.83	-13.0	20.20	289.00	Horizontal	Horizontal	N/A
7109.625	-46.04	28.08	-13.0	33.04	224.90	Horizontal	Horizontal	Pass
13116.125	-35.50	41.93	-13.0	22.50	354.80	Horizontal	Horizontal	Pass

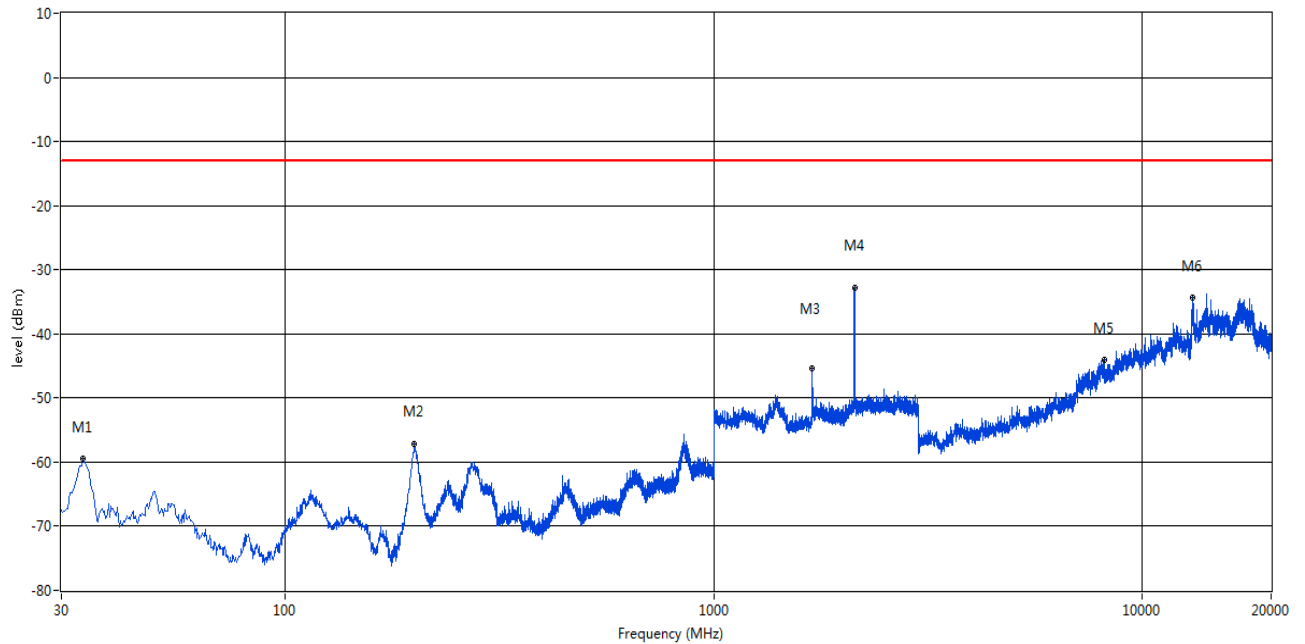
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-56.62	-6.77	-13.0	43.62	296.70	Vertical	Vertical	Pass
110.025	-60.67	-5.73	-13.0	47.67	61.90	Vertical	Vertical	Pass
273.712	-59.68	-1.94	-13.0	46.68	28.60	Vertical	Vertical	Pass
2131.000	-32.83	9.86	-13.0	19.83	39.70	Vertical	Vertical	N/A
6180.938	-49.16	24.16	-13.0	36.16	73.40	Vertical	Vertical	Pass
13098.000	-34.67	42.42	-13.0	21.67	25.30	Vertical	Vertical	Pass

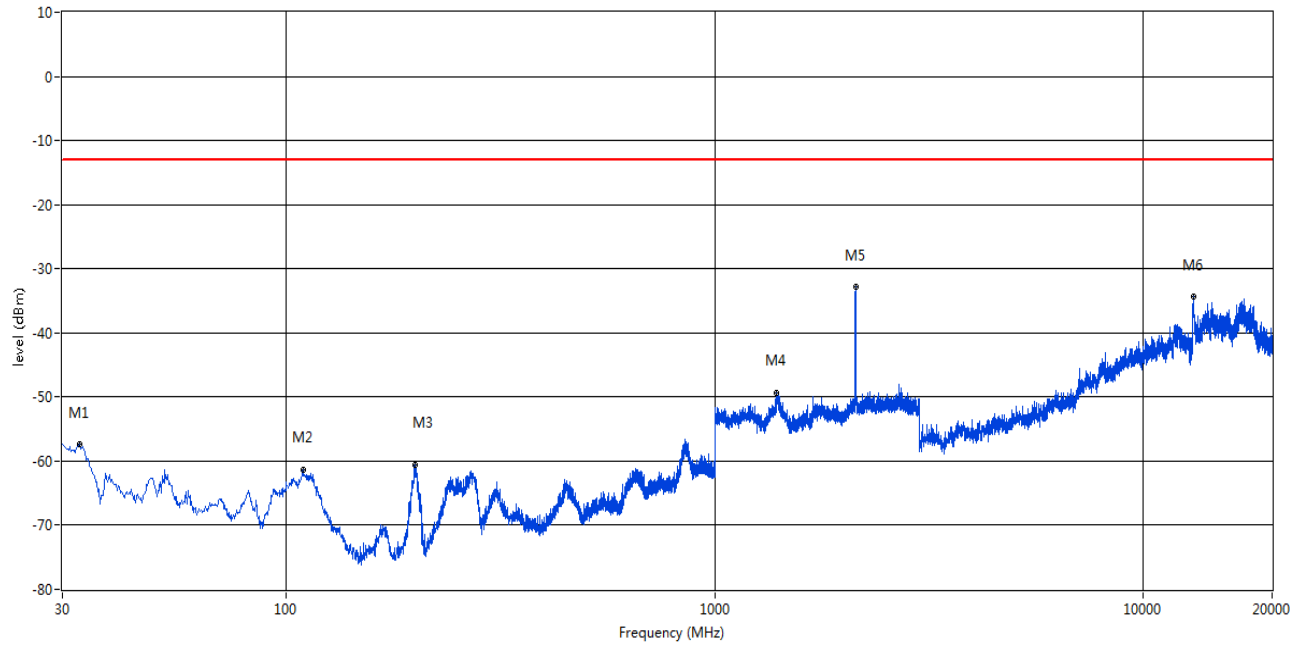
3.10 10 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.638	-59.54	-6.67	-13.0	46.54	192.70	Horizontal	Horizontal	Pass
199.750	-57.26	-3.21	-13.0	44.26	51.00	Horizontal	Horizontal	Pass
1696.500	-45.31	8.25	-13.0	32.31	280.10	Horizontal	Horizontal	Pass
2134.000	-32.83	9.82	-13.0	19.83	19.20	Horizontal	Horizontal	N/A
8155.313	-44.01	31.24	-13.0	31.01	257.50	Horizontal	Horizontal	Pass
13136.062	-34.35	41.16	-13.0	21.35	292.40	Horizontal	Horizontal	Pass

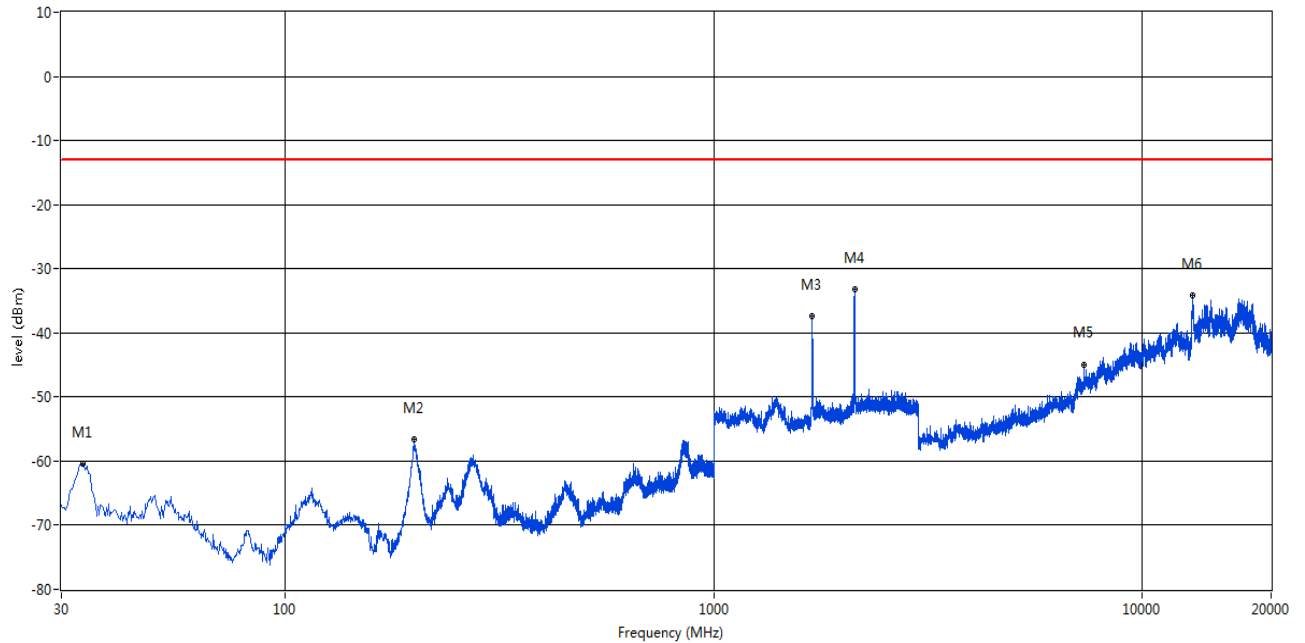
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-57.35	-6.82	-13.0	44.35	316.00	Vertical	Vertical	Pass
109.298	-61.35	-5.90	-13.0	48.35	17.80	Vertical	Vertical	Pass
199.992	-60.50	-2.99	-13.0	47.50	342.30	Vertical	Vertical	Pass
1394.500	-49.30	9.69	-13.0	36.30	180.40	Vertical	Vertical	Pass
2135.000	-32.76	9.82	-13.0	19.76	37.90	Vertical	Vertical	N/A
13108.875	-34.29	42.21	-13.0	21.29	334.90	Vertical	Vertical	Pass

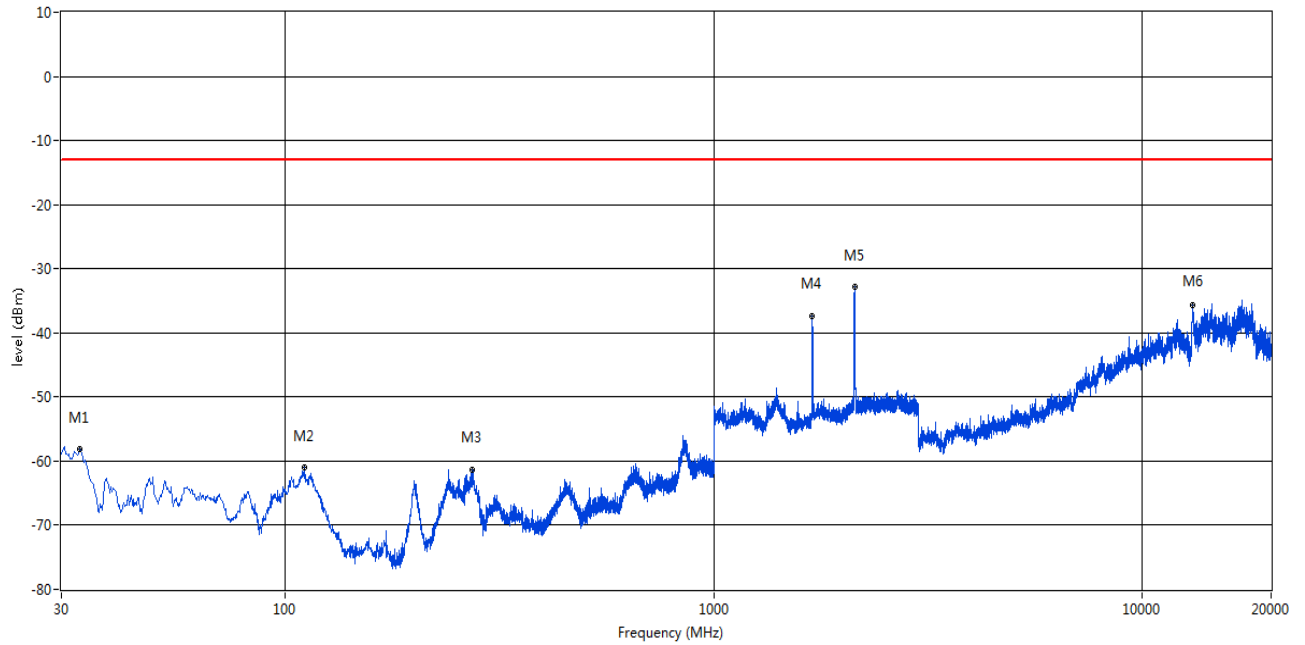
3.11 15 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.638	-60.36	-6.67	-13.0	47.36	157.50	Horizontal	Horizontal	Pass
199.992	-56.68	-2.99	-13.0	43.68	67.20	Horizontal	Horizontal	Pass
1698.500	-37.36	8.32	-13.0	24.36	42.30	Horizontal	Horizontal	N/A
2133.000	-33.15	9.87	-13.0	20.15	16.60	Horizontal	Horizontal	N/A
7316.812	-45.05	28.54	-13.0	32.05	39.40	Horizontal	Horizontal	Pass
13101.625	-34.05	42.49	-13.0	21.05	8.20	Horizontal	Horizontal	Pass

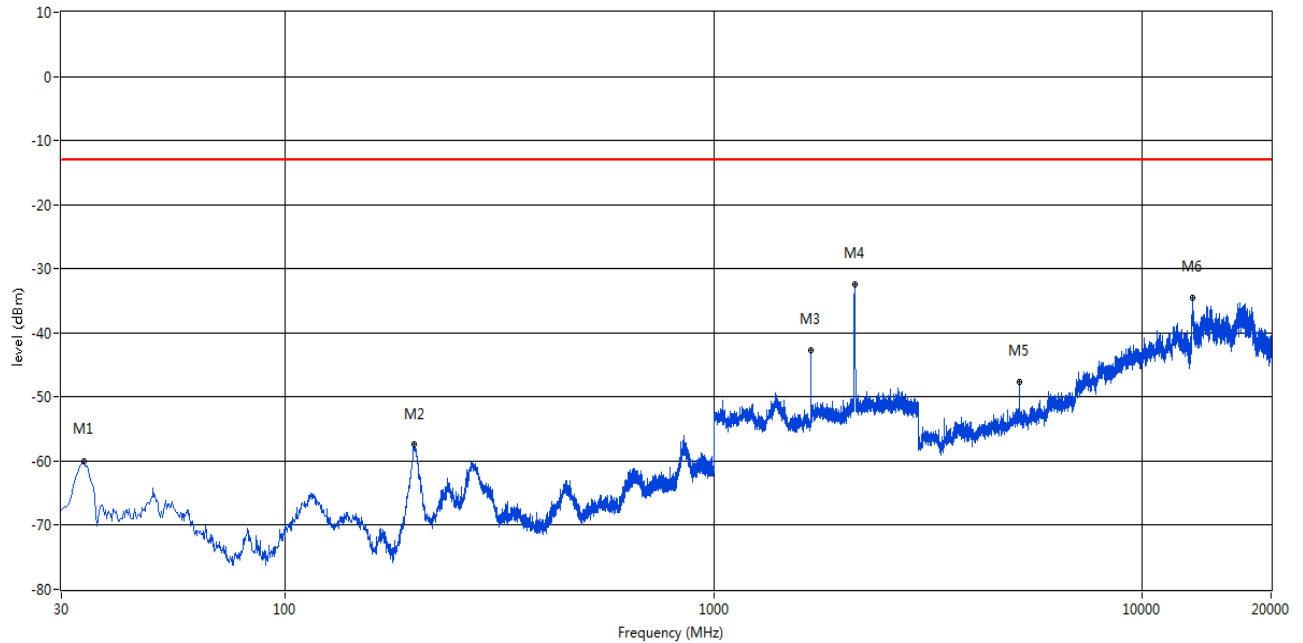
RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.153	-58.15	-6.77	-13.0	45.15	274.60	Vertical	Vertical	Pass
110.753	-61.03	-5.61	-13.0	48.03	35.10	Vertical	Vertical	Pass
272.500	-61.28	-1.72	-13.0	48.28	32.30	Vertical	Vertical	Pass
1699.000	-37.34	8.50	-13.0	24.34	68.60	Vertical	Vertical	N/A
2132.000	-32.78	9.85	-13.0	19.78	314.50	Vertical	Vertical	N/A
13103.438	-35.67	42.42	-13.0	22.67	0.00	Vertical	Vertical	Pass

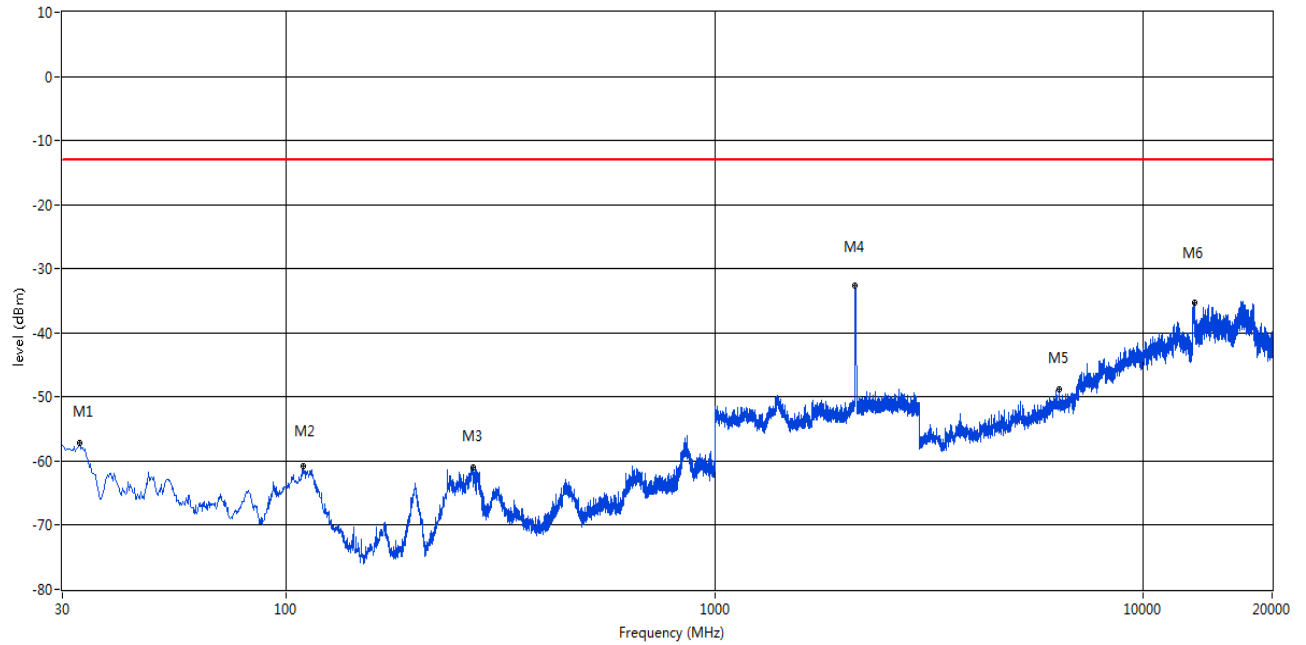
3.12 20 MHz CH20175

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-59.97	-6.62	-13.0	46.97	163.20	Horizontal	Horizontal	Pass
199.992	-57.40	-2.99	-13.0	44.40	60.70	Horizontal	Horizontal	Pass
1687.500	-42.80	8.10	-13.0	29.80	274.50	Horizontal	Horizontal	N/A
2139.000	-32.42	9.79	-13.0	19.42	14.60	Horizontal	Horizontal	N/A
5169.375	-47.68	22.50	-13.0	34.68	321.00	Horizontal	Horizontal	Pass
13130.625	-34.58	41.37	-13.0	21.58	359.30	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4

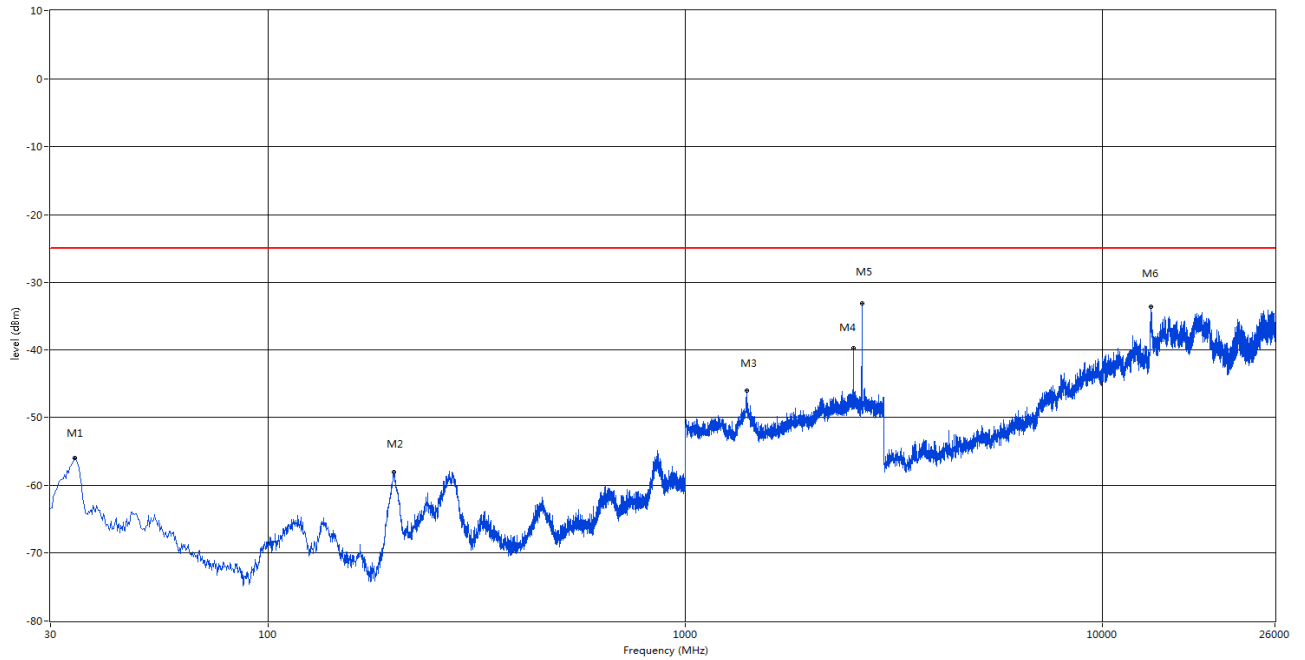


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.910	-57.17	-6.82	-13.0	44.17	289.60	Vertical	Vertical	Pass
109.540	-60.83	-5.83	-13.0	47.83	204.80	Vertical	Vertical	Pass
273.470	-60.94	-1.90	-13.0	47.94	8.90	Vertical	Vertical	Pass
2129.500	-32.67	9.92	-13.0	19.67	291.20	Vertical	Vertical	N/A
6383.250	-48.77	25.33	-13.0	35.77	10.00	Vertical	Vertical	Pass
13157.812	-35.21	40.33	-13.0	22.21	325.60	Vertical	Vertical	Pass

BAND 7

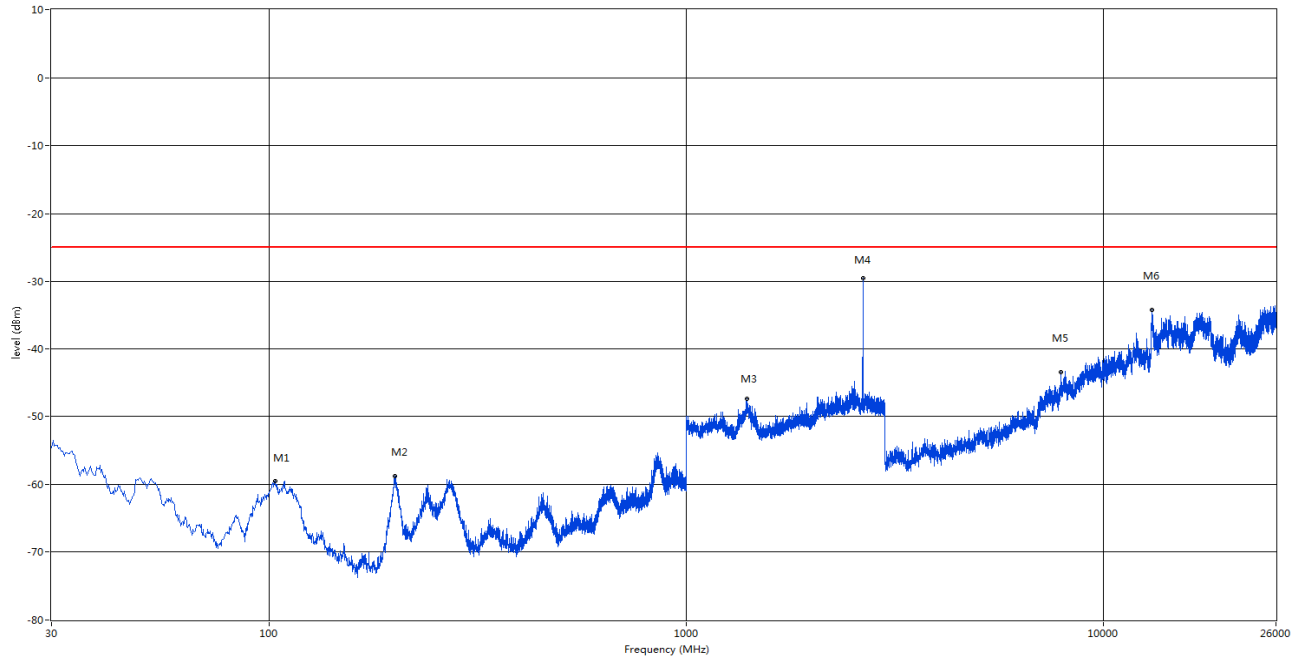
3.13 5 MHz CH21100

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-55.91	-6.13	-25.0	30.91	153.80	Horizontal	Horizontal	Pass
199.750	-58.05	-2.72	-25.0	33.05	40.80	Horizontal	Horizontal	Pass
1405.000	-46.00	11.53	-25.0	21.00	359.40	Horizontal	Horizontal	Pass
2536.500	-39.81	13.60	-25.0	14.81	43.60	Horizontal	Horizontal	N/A
2655.000	-33.10	12.93	-25.0	8.10	196.70	Horizontal	Horizontal	N/A
13101.625	-33.56	42.49	-25.0	8.56	188.00	Horizontal	Horizontal	Pass

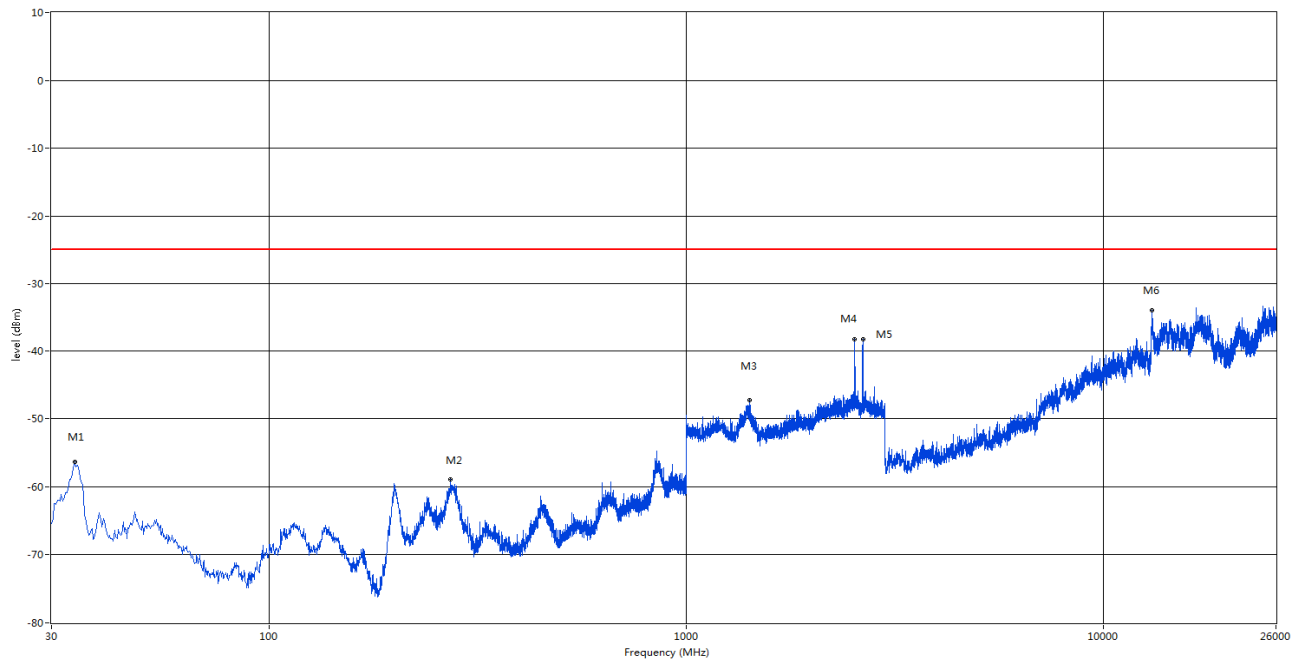
RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
103.478	-59.50	-6.39	-25.0	34.50	11.90	Vertical	Vertical	Pass
199.992	-58.81	-2.49	-25.0	33.81	324.30	Vertical	Vertical	Pass
1398.000	-47.43	11.59	-25.0	22.43	347.50	Vertical	Vertical	Pass
2654.000	-29.49	12.99	-25.0	4.49	121.70	Vertical	Vertical	N/A
7921.312	-43.46	30.30	-25.0	18.46	321.50	Vertical	Vertical	Pass
13110.688	-34.09	42.14	-25.0	9.09	301.10	Vertical	Vertical	Pass

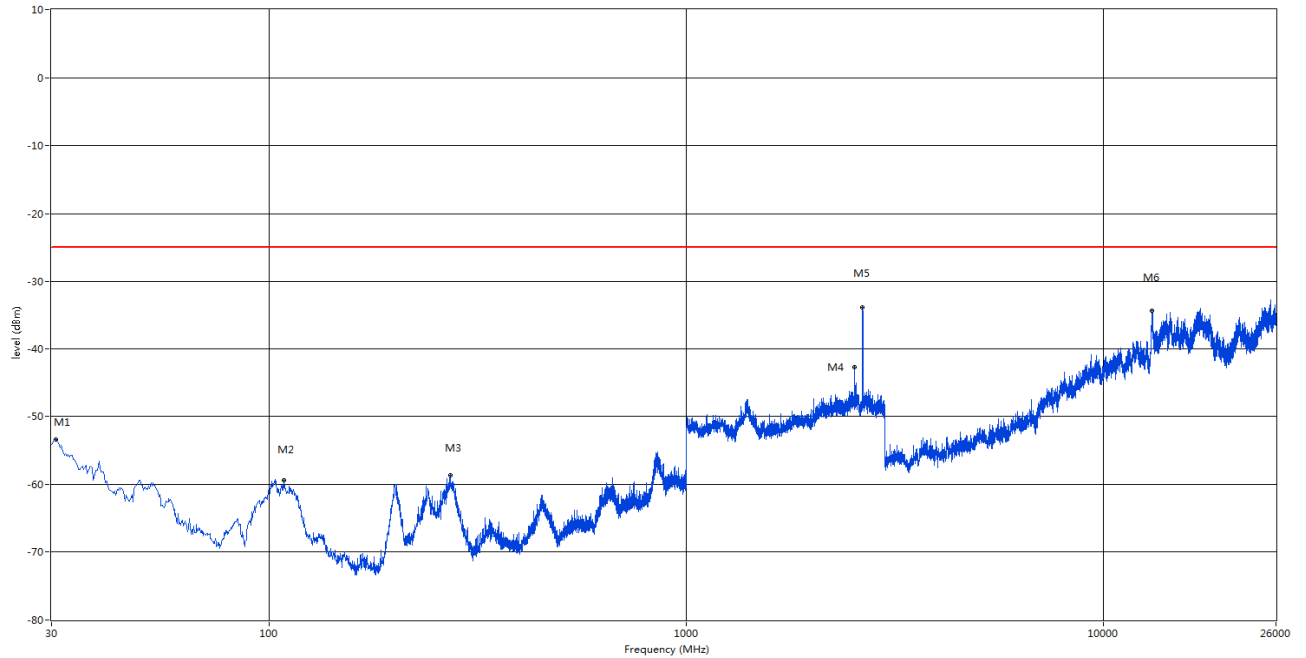
3.14 10 MHz CH21100

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.123	-56.33	-6.16	-25.0	31.33	186.30	Horizontal	Horizontal	Pass
272.015	-58.93	-0.94	-25.0	33.93	216.70	Horizontal	Horizontal	Pass
1420.000	-47.32	10.80	-25.0	22.32	318.90	Horizontal	Horizontal	Pass
2538.500	-38.35	13.61	-25.0	13.35	102.40	Horizontal	Horizontal	N/A
2654.000	-38.25	12.99	-25.0	13.25	194.50	Horizontal	Horizontal	N/A
13096.188	-33.92	42.31	-25.0	8.92	359.30	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.727	-53.38	-7.22	-25.0	28.38	274.10	Vertical	Vertical	Pass
108.570	-59.41	-5.62	-25.0	34.41	191.90	Vertical	Vertical	Pass
271.772	-58.65	-0.91	-25.0	33.65	146.70	Vertical	Vertical	Pass
2539.000	-42.76	13.61	-25.0	17.76	77.10	Vertical	Vertical	N/A
2651.000	-33.72	12.95	-25.0	8.72	310.60	Vertical	Vertical	N/A
13119.750	-34.30	41.79	-25.0	9.30	4.90	Vertical	Vertical	Pass

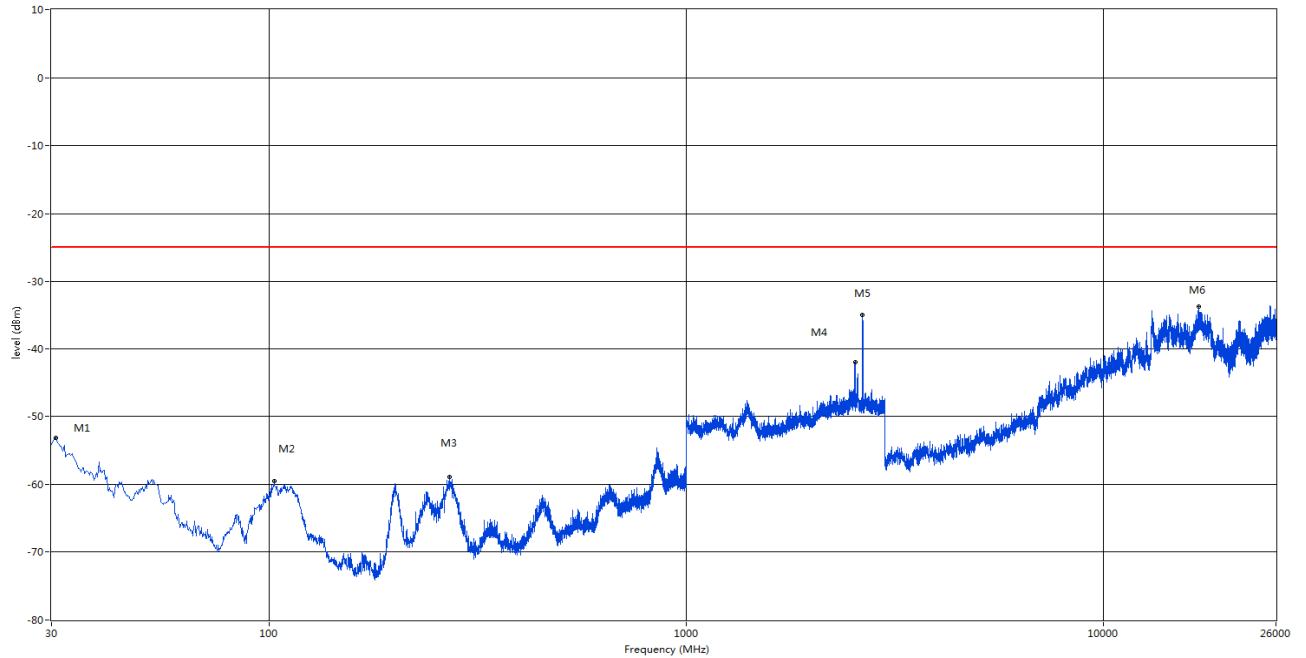
3.15 15 MHz CH21100

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-55.87	-6.13	-25.0	30.87	204.50	Horizontal	Horizontal	Pass
274.440	-58.81	-1.34	-25.0	33.81	228.80	Horizontal	Horizontal	Pass
2539.000	-37.61	13.61	-25.0	12.61	100.40	Horizontal	Horizontal	N/A
2656.500	-37.84	13.05	-25.0	12.84	297.90	Horizontal	Horizontal	N/A
13105.250	-33.98	42.35	-25.0	8.98	116.30	Horizontal	Horizontal	Pass
16915.125	-33.11	38.81	-25.0	8.11	0.00	Horizontal	Horizontal	Pass

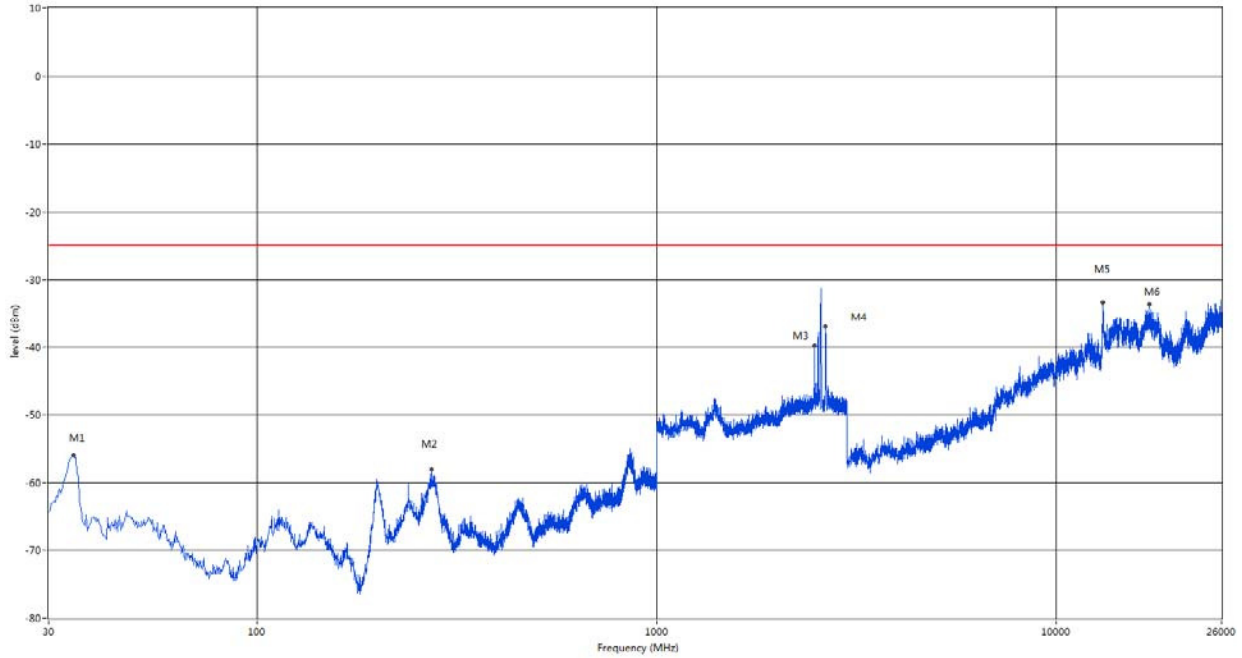
RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.727	-53.19	-7.22	-25.0	28.19	260.80	Vertical	Vertical	Pass
102.750	-59.51	-6.29	-25.0	34.51	9.20	Vertical	Vertical	Pass
270.318	-58.95	-0.62	-25.0	33.95	143.50	Vertical	Vertical	Pass
2540.500	-41.95	13.61	-25.0	16.95	90.40	Vertical	Vertical	N/A
2651.000	-34.82	12.95	-25.0	9.82	311.50	Vertical	Vertical	N/A
16960.437	-33.66	38.85	-25.0	8.66	172.50	Vertical	Vertical	Pass

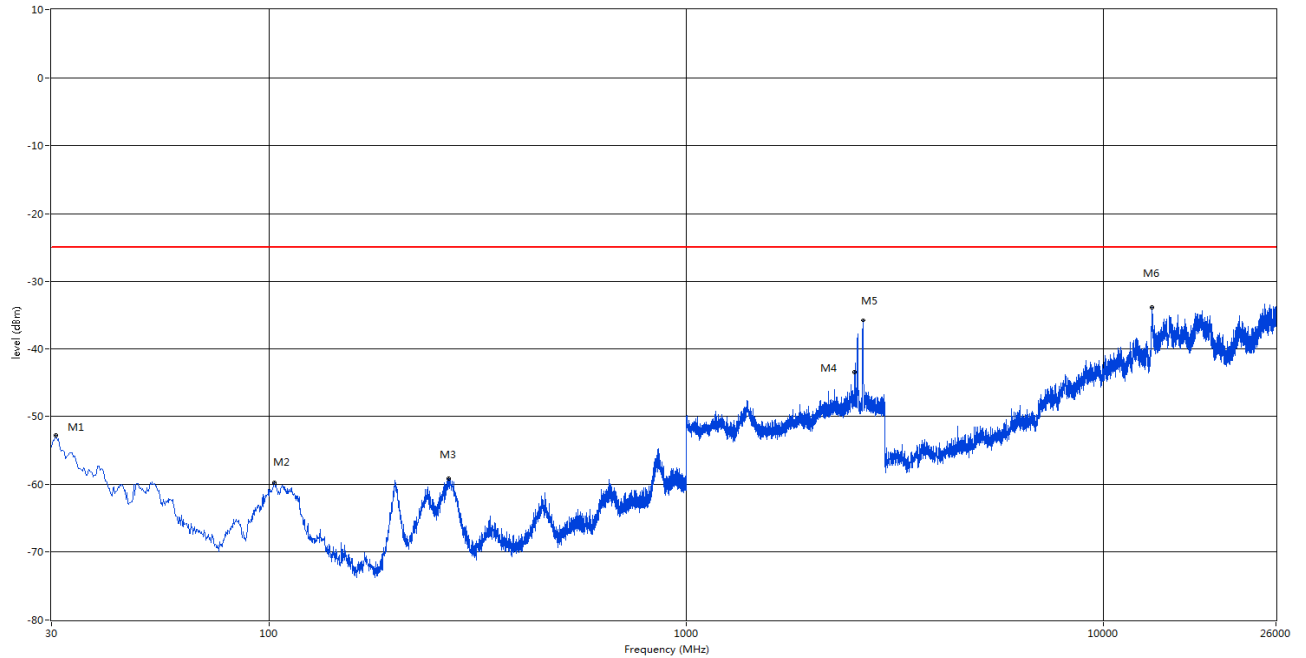
3.16 20 MHz CH21100

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.608	-55.95	-6.08	-25.0	30.95	148.60	Horizontal	Horizontal	Pass
272.742	-58.01	-1.04	-25.0	33.01	226.90	Horizontal	Horizontal	Pass
2485.000	-39.84	13.30	-25.0	14.84	38.40	Horizontal	Horizontal	N/A
2648.000	-36.96	12.95	-25.0	11.96	101.20	Horizontal	Horizontal	N/A
13099.813	-33.33	42.54	-25.0	8.33	157.80	Horizontal	Horizontal	Pass
16960.00	-33.00	38.85	-25.0	8.00	172.50	Horizontal	Horizontal	Pass

RSE Test case_FCC PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.727	-52.80	-7.22	-25.0	27.80	293.90	Vertical	Vertical	Pass
102.750	-59.78	-6.29	-25.0	34.78	192.10	Vertical	Vertical	Pass
269.590	-59.20	-0.58	-25.0	34.20	153.10	Vertical	Vertical	Pass
2538.000	-43.42	13.61	-25.0	18.42	119.20	Vertical	Vertical	N/A
2659.500	-35.72	13.06	-25.0	10.72	13.70	Vertical	Vertical	N/A
13101.625	-33.74	42.49	-25.0	8.74	86.70	Vertical	Vertical	Pass

END