

Annex A.7. Field Strength of Spurious Radiation

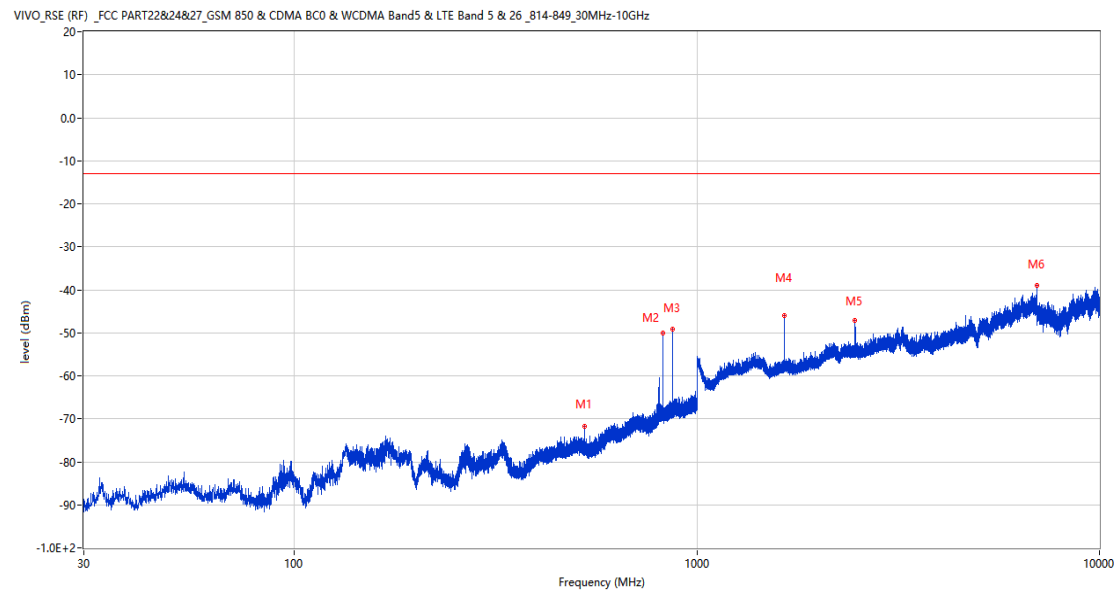
Up Antenna

GSM

1 GSM 850

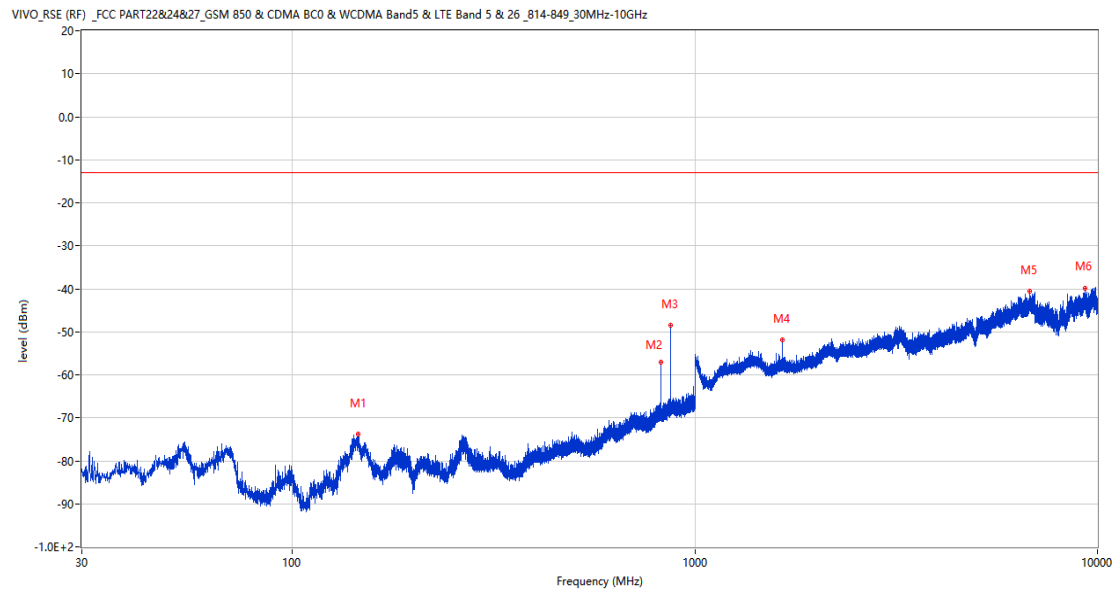
1.1 GSM 850 Low Channel

RSE-H&H GSM 850 CH128



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
525.088	-71.64	-6.85	-13.0	-58.64	200.00	Horizontal	Horizontal	Pass
824.139	-50.08	2.01	-13.0	-37.08	213.00	Horizontal	Horizontal	N/A
869.244	-49.11	2.21	-13.0	-36.11	352.00	Horizontal	Horizontal	N/A
1648.700	-45.99	-4.26	-13.0	-32.99	158.00	Horizontal	Horizontal	Pass
2472.500	-47.10	-0.28	-13.0	-34.10	266.00	Horizontal	Horizontal	Pass
6999.000	-39.02	13.93	-13.0	-26.02	292.00	Horizontal	Horizontal	Pass

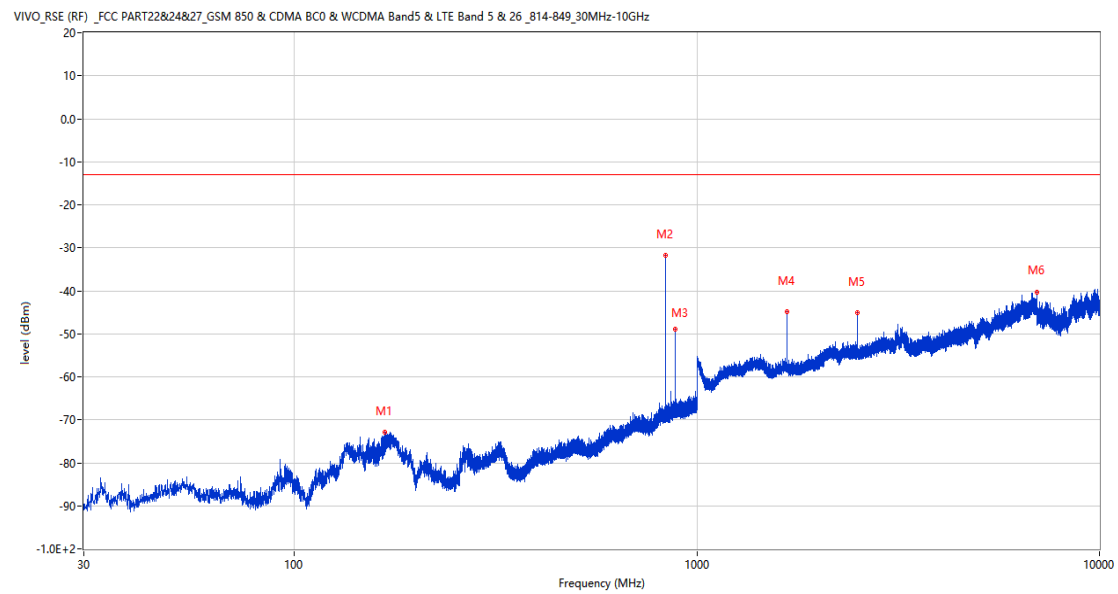
RSE-V&H GSM 850 CH128



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.382	-73.84	-15.64	-13.0	-60.84	304.00	Vertical	Horizontal	Pass
824.139	-56.96	2.01	-13.0	-43.96	256.00	Vertical	Horizontal	N/A
869.147	-48.57	2.21	-13.0	-35.57	39.00	Vertical	Horizontal	N/A
1648.600	-51.93	-4.26	-13.0	-38.93	344.00	Vertical	Horizontal	Pass
6788.600	-40.57	12.83	-13.0	-27.57	240.00	Vertical	Horizontal	Pass
9329.651	-39.94	16.54	-13.0	-26.94	141.00	Vertical	Horizontal	Pass

1.2 GSM 850 Middle Channel

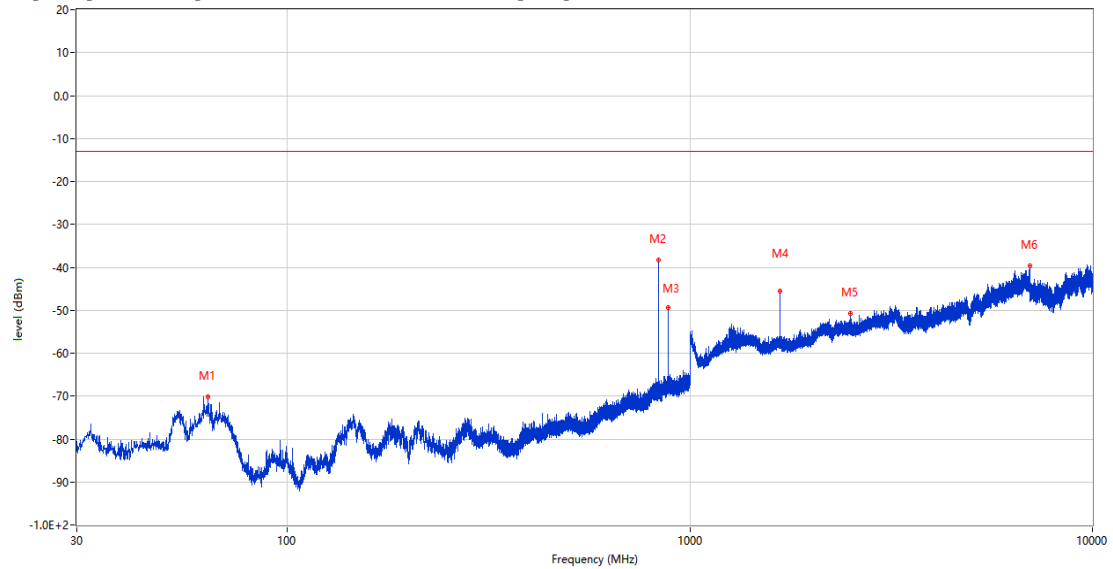
RSE-H&H GSM 850 CH190



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
167.788	-72.80	-15.64	-13.0	-59.80	163.00	Horizontal	Horizontal	Pass
836.604	-31.76	2.18	-13.0	-18.76	202.00	Horizontal	Horizontal	N/A
881.514	-48.96	2.73	-13.0	-35.96	149.00	Horizontal	Horizontal	N/A
1673.300	-44.82	-4.46	-13.0	-31.82	79.00	Horizontal	Horizontal	Pass
2509.600	-45.00	-0.09	-13.0	-32.00	273.00	Horizontal	Horizontal	Pass
6999.400	-40.40	13.92	-13.0	-27.40	183.00	Horizontal	Horizontal	Pass

RSE-V&H GSM 850 CH190

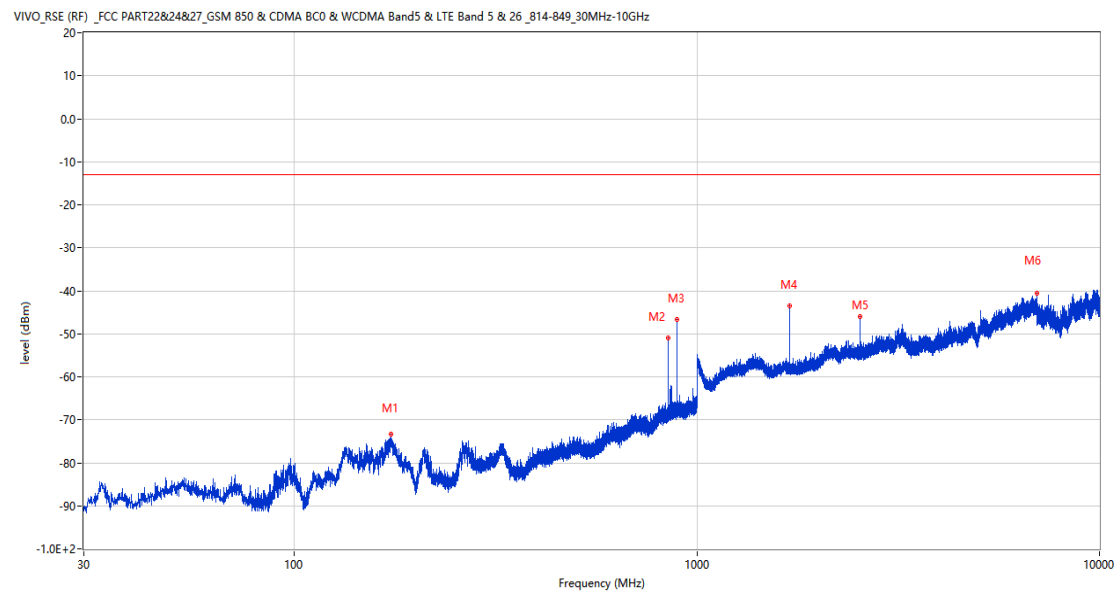
VIVO_RSE (RF)_FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
63.416	-70.22	-16.89	-13.0	-57.22	116.00	Vertical	Horizontal	Pass
836.604	-38.39	2.18	-13.0	-25.39	257.00	Vertical	Horizontal	N/A
881.660	-49.42	2.74	-13.0	-36.42	38.00	Vertical	Horizontal	N/A
1673.300	-45.49	-4.46	-13.0	-32.49	269.00	Vertical	Horizontal	Pass
2510.200	-50.84	-0.10	-13.0	-37.84	329.00	Vertical	Horizontal	Pass
6999.400	-39.75	13.92	-13.0	-26.75	63.00	Vertical	Horizontal	Pass

1.3 GSM 850 High Channel

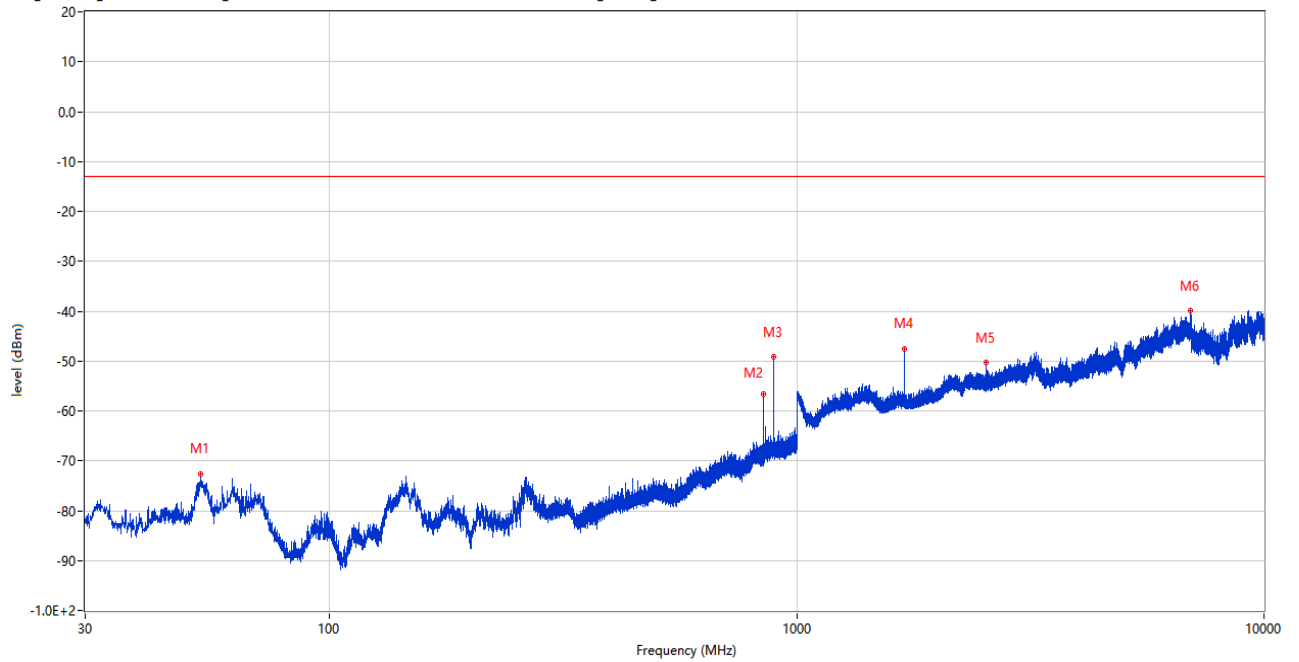
RSE-H&H GSM 850 CH251



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
173.609	-73.35	-15.36	-13.0	-60.35	151.00	Horizontal	Horizontal	Pass
848.825	-50.87	2.29	-13.0	-37.87	218.00	Horizontal	Horizontal	N/A
893.785	-46.69	2.49	-13.0	-33.69	151.00	Horizontal	Horizontal	N/A
1697.900	-43.53	-4.86	-13.0	-30.53	117.00	Horizontal	Horizontal	Pass
2546.600	-46.07	-0.22	-13.0	-33.07	273.00	Horizontal	Horizontal	Pass
6982.800	-40.56	13.54	-13.0	-27.56	205.00	Horizontal	Horizontal	Pass

RSE-V&H GSM 850 CH251

VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

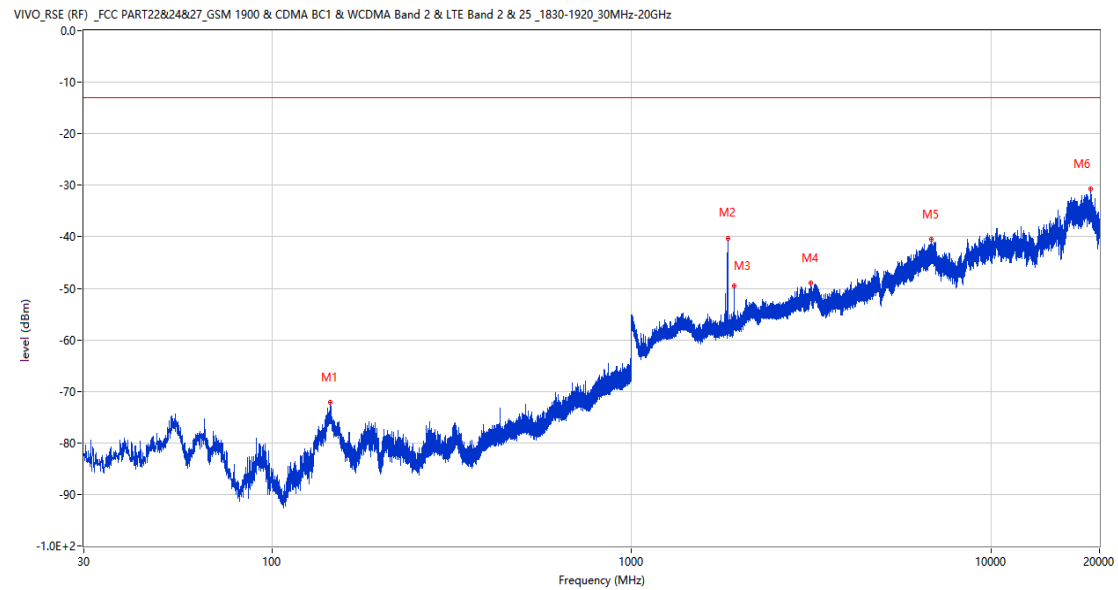


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
53.038	-72.71	-14.92	-13.0	-59.71	135.00	Vertical	Horizontal	Pass
848.729	-56.53	2.29	-13.0	-43.53	247.00	Vertical	Horizontal	N/A
893.785	-49.21	2.49	-13.0	-36.21	52.00	Vertical	Horizontal	N/A
1697.900	-47.49	-4.86	-13.0	-34.49	214.00	Vertical	Horizontal	Pass
2546.500	-50.36	-0.22	-13.0	-37.36	298.00	Vertical	Horizontal	Pass
6977.000	-39.83	13.41	-13.0	-26.83	89.00	Vertical	Horizontal	Pass

2 GSM 1900

2.1 GSM 1900 Low Channel

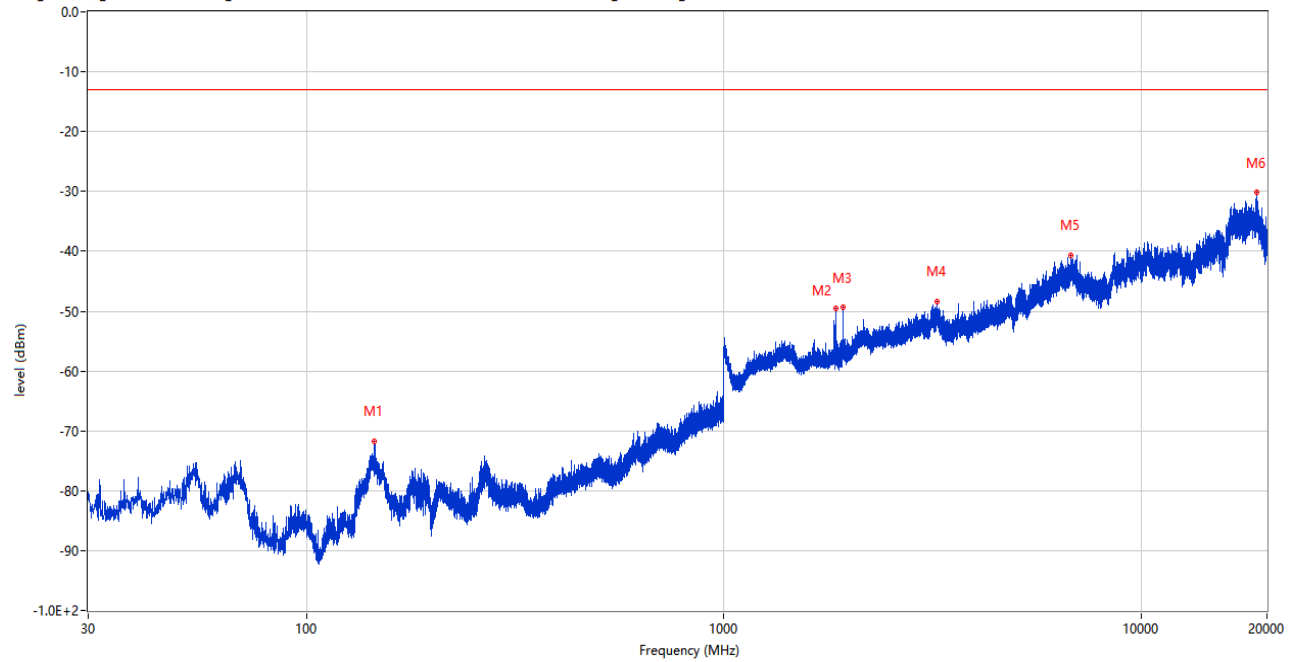
RSE-H&H GSM 1900 CH512



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-72.22	-15.65	-13.0	-59.22	331.00	Vertical	Vertical	Pass
1850.400	-40.27	-2.88	-13.0	-27.27	266.00	Vertical	Vertical	N/A
1930.400	-49.57	-2.74	-13.0	-36.57	113.00	Vertical	Vertical	N/A
3152.000	-49.04	5.64	-13.0	-36.04	161.00	Vertical	Vertical	Pass
6819.600	-40.58	13.08	-13.0	-27.58	360.00	Vertical	Vertical	Pass
18928.087	-30.73	25.08	-13.0	-17.73	360.00	Vertical	Vertical	Pass

RSE-V&H GSM 1900 CH512

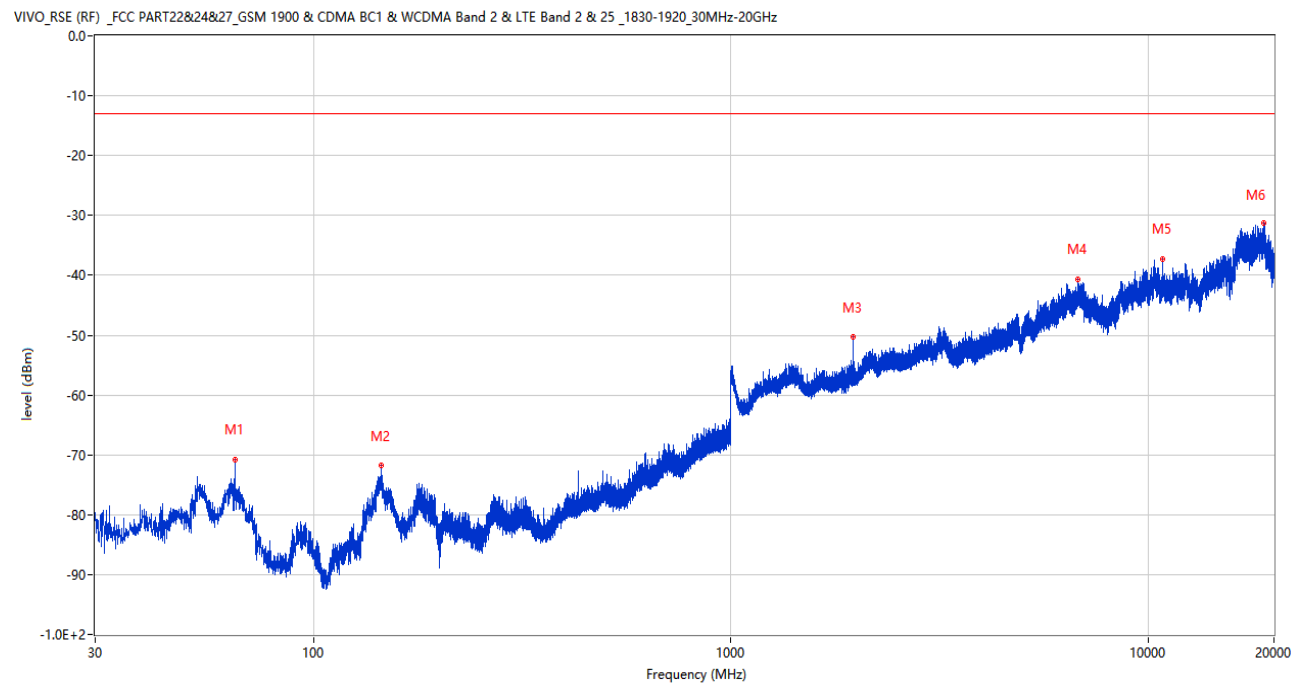
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.672	-71.78	-15.66	-13.0	-58.78	329.00	Vertical	Horizontal	Pass
1850.300	-49.62	-2.89	-13.0	-36.62	134.00	Vertical	Horizontal	N/A
1930.500	-49.40	-2.77	-13.0	-36.40	124.00	Vertical	Horizontal	N/A
3242.800	-48.47	6.28	-13.0	-35.47	40.00	Vertical	Horizontal	Pass
6784.400	-40.60	12.80	-13.0	-27.60	266.00	Vertical	Horizontal	Pass
18938.599	-30.17	25.07	-13.0	-17.17	272.00	Vertical	Horizontal	Pass

2.2 GSM 1900 Middle Channel

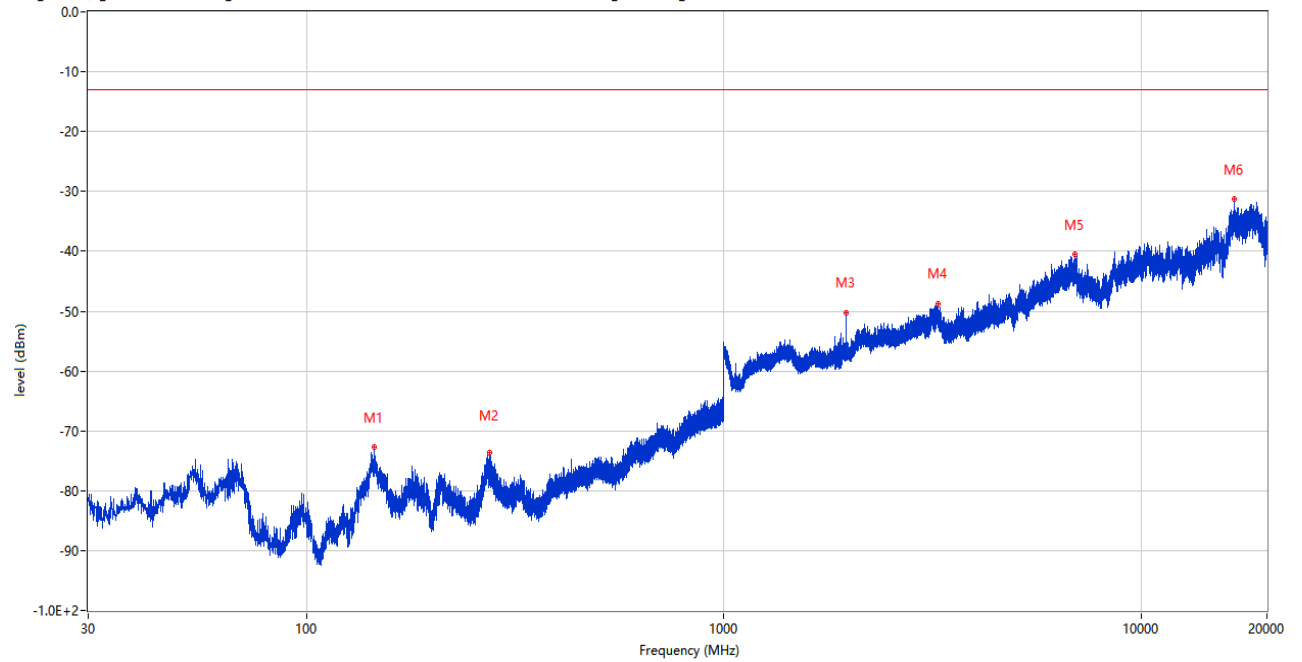
RSE-V&V GSM 1900 CH661



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
64.920	-70.77	-17.06	-13.0	-57.77	127.00	Vertical	Vertical	Pass
145.576	-71.70	-15.66	-13.0	-58.70	1.00	Vertical	Vertical	Pass
1960.100	-50.31	-3.59	-13.0	-37.31	128.00	Vertical	Vertical	N/A
6785.600	-40.63	12.84	-13.0	-27.63	261.00	Vertical	Vertical	Pass
10843.013	-37.23	17.13	-13.0	-24.23	80.00	Vertical	Vertical	Pass
18934.974	-31.33	25.07	-13.0	-18.33	132.00	Vertical	Vertical	Pass

RSE-V&H GSM 1900 CH661

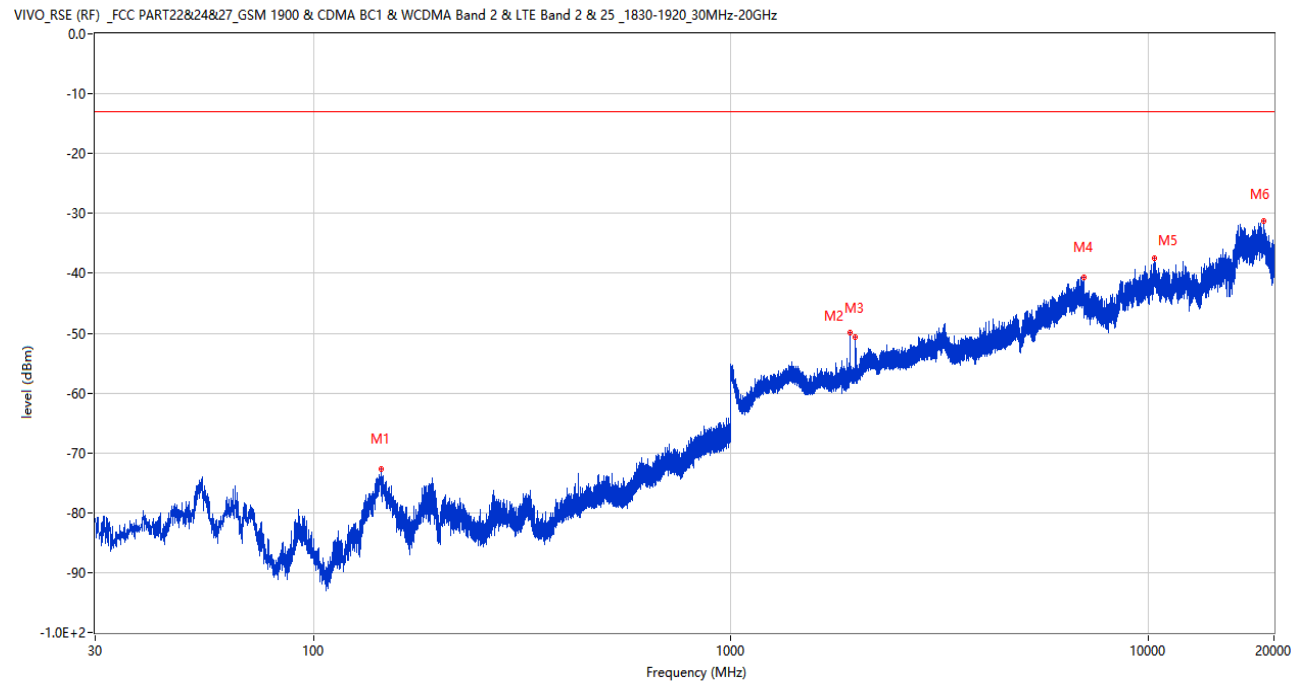
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-72.76	-15.65	-13.0	-59.76	336.00	Vertical	Horizontal	Pass
275.410	-73.59	-13.23	-13.0	-60.59	336.00	Vertical	Horizontal	Pass
1960.100	-50.26	-3.59	-13.0	-37.26	114.00	Vertical	Horizontal	N/A
3250.200	-48.86	5.93	-13.0	-35.86	360.00	Vertical	Horizontal	Pass
6918.600	-40.57	12.38	-13.0	-27.57	49.00	Vertical	Horizontal	Pass
16712.849	-31.36	25.43	-13.0	-18.36	11.00	Vertical	Horizontal	Pass

2.3 GSM 1900 High Channel

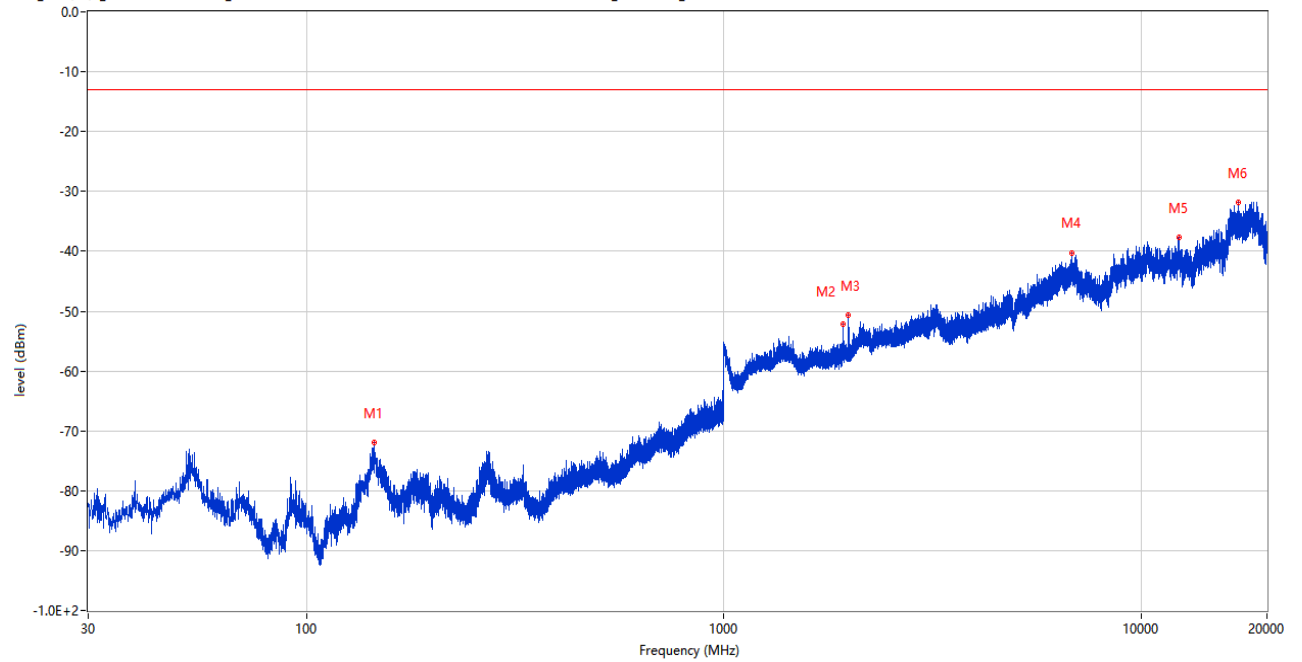
RSE-V&V GSM 1900 CH810



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.66	-15.66	-13.0	-59.66	328.00	Vertical	Vertical	Pass
1933.100	-49.94	-3.29	-13.0	-36.94	161.00	Vertical	Vertical	N/A
1990.000	-50.74	-3.64	-13.0	-37.74	118.00	Vertical	Vertical	N/A
6997.000	-40.71	13.91	-13.0	-27.71	163.00	Vertical	Vertical	Pass
10341.613	-37.50	19.27	-13.0	-24.50	30.00	Vertical	Vertical	Pass
18939.324	-31.24	25.07	-13.0	-18.24	285.00	Vertical	Vertical	Pass

RSE-V&H GSM 1900 CH810

VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



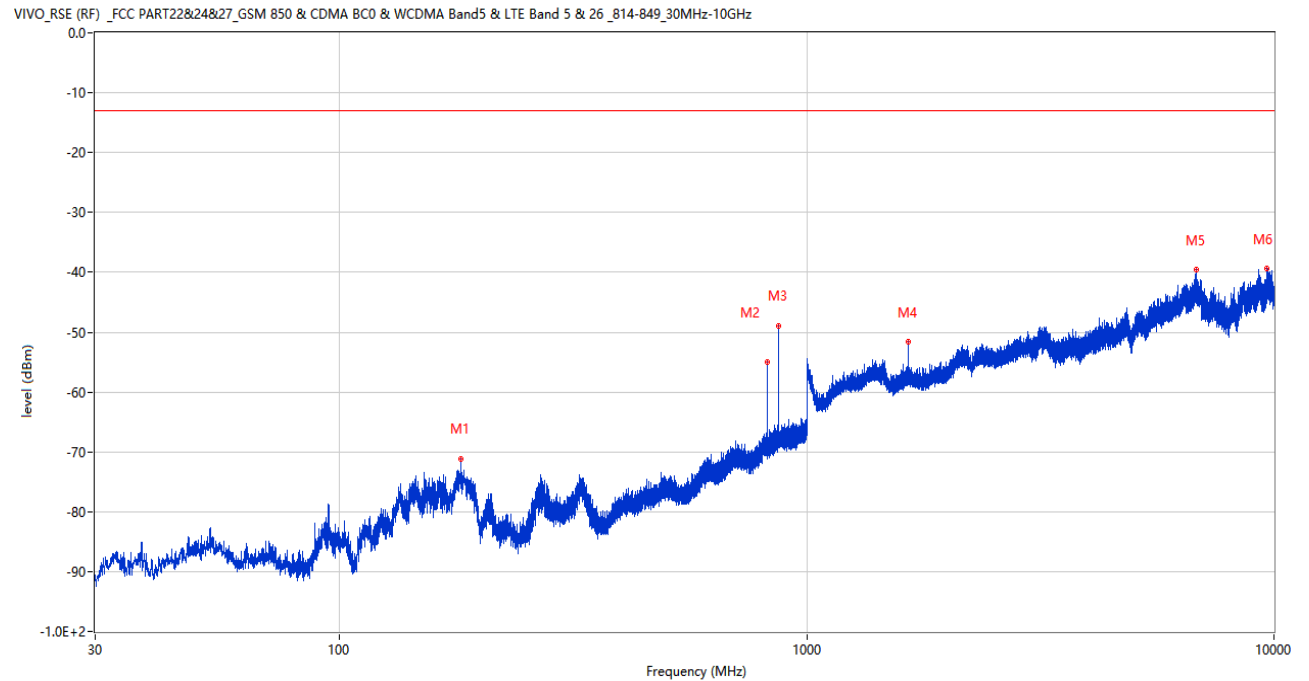
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.01	-15.66	-13.0	-59.01	360.00	Vertical	Horizontal	Pass
1929.500	-52.25	-2.51	-13.0	-39.25	319.00	Vertical	Horizontal	N/A
1989.900	-50.70	-3.65	-13.0	-37.70	116.00	Vertical	Horizontal	N/A
6804.400	-40.28	13.11	-13.0	-27.28	65.00	Vertical	Horizontal	Pass
12325.650	-37.74	18.05	-13.0	-24.74	295.00	Vertical	Horizontal	Pass
17072.812	-31.88	25.03	-13.0	-18.88	308.00	Vertical	Horizontal	Pass

EGPRS

3 EGPRS 850

3.1 EGPRS 850 Low Channel

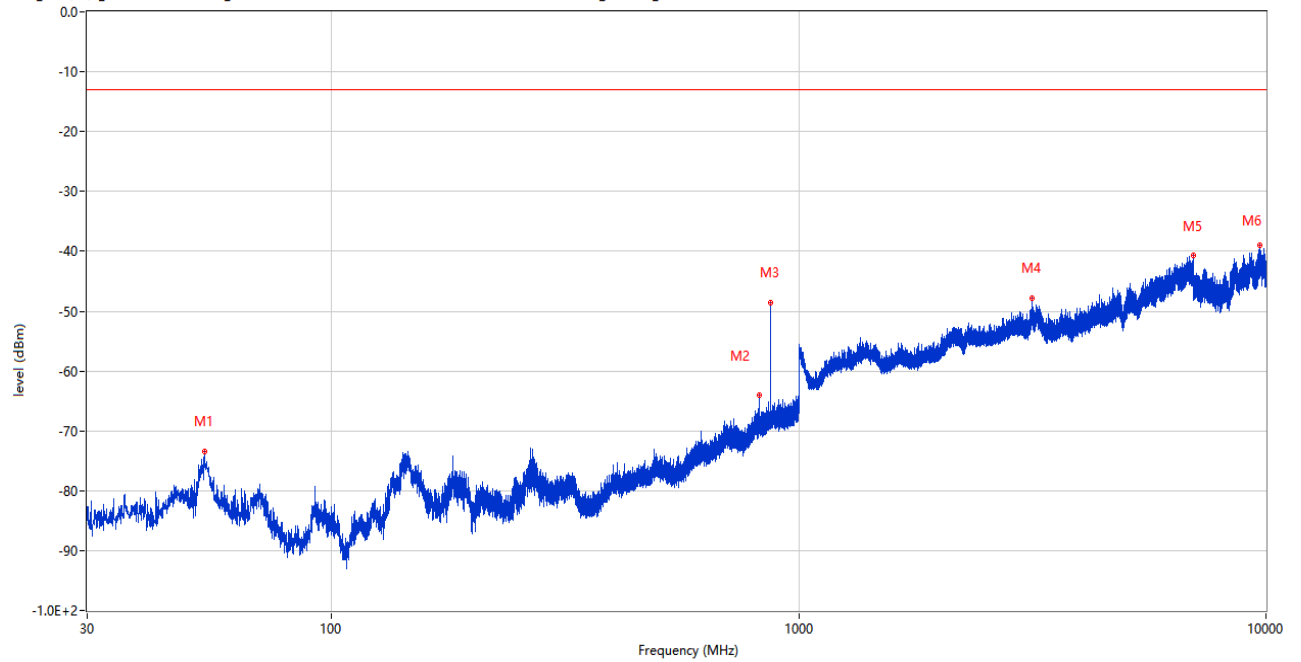
RSE-H&H EGPRS 850 CH128



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
182.048	-71.09	-15.21	-13.0	-58.09	0.00	Horizontal	Horizontal	Pass
824.139	-55.05	2.01	-13.0	-42.05	346.00	Horizontal	Horizontal	N/A
869.244	-48.87	2.21	-13.0	-35.87	10.00	Horizontal	Horizontal	N/A
1648.600	-51.65	-4.26	-13.0	-38.65	115.00	Horizontal	Horizontal	Pass
6812.000	-39.53	13.17	-13.0	-26.53	340.00	Horizontal	Horizontal	Pass
9656.200	-39.44	18.36	-13.0	-26.44	360.00	Horizontal	Horizontal	Pass

RSE-V&H EGPRS 850 CH128

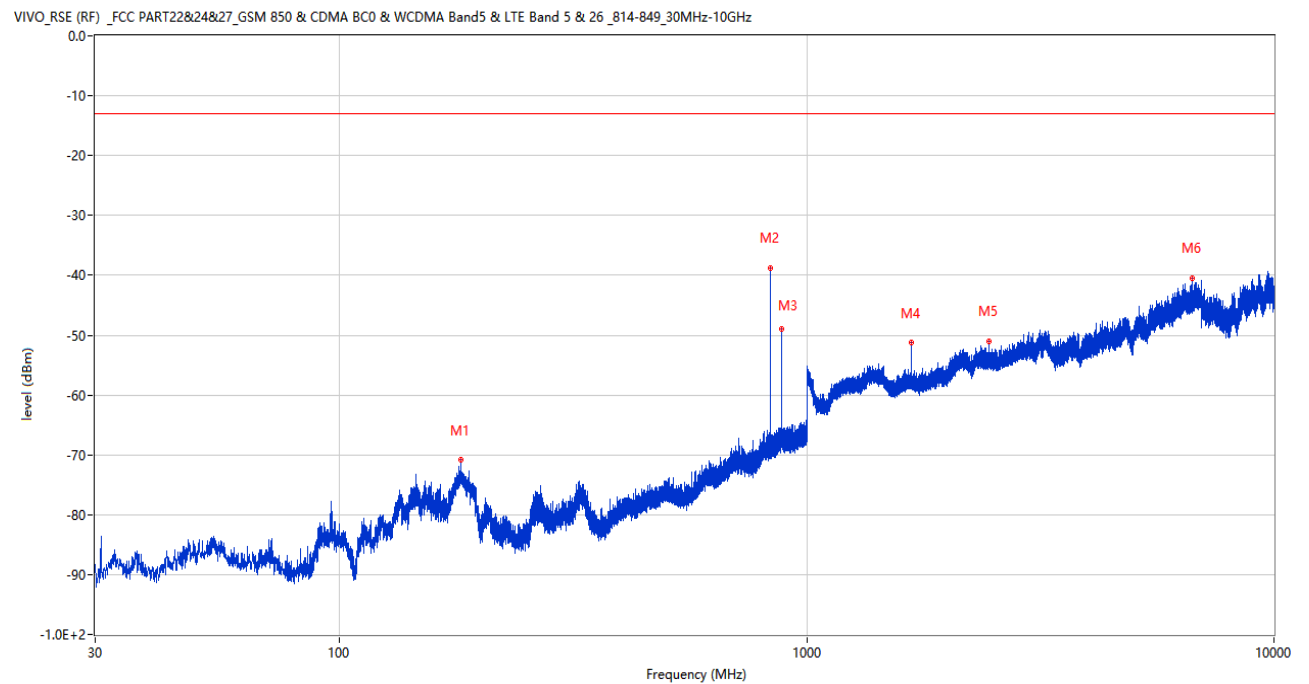
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
53.523	-73.51	-14.88	-13.0	-60.51	177.00	Vertical	Horizontal	Pass
824.090	-63.99	2.01	-13.0	-50.99	219.00	Vertical	Horizontal	N/A
869.244	-48.52	2.21	-13.0	-35.52	48.00	Vertical	Horizontal	N/A
3154.800	-47.74	5.85	-13.0	-34.74	121.00	Vertical	Horizontal	Pass
6998.400	-40.73	13.95	-13.0	-27.73	353.00	Vertical	Horizontal	Pass
9687.550	-39.03	18.98	-13.0	-26.03	122.00	Vertical	Horizontal	Pass

3.2 EGPRS 850 Middle Channel

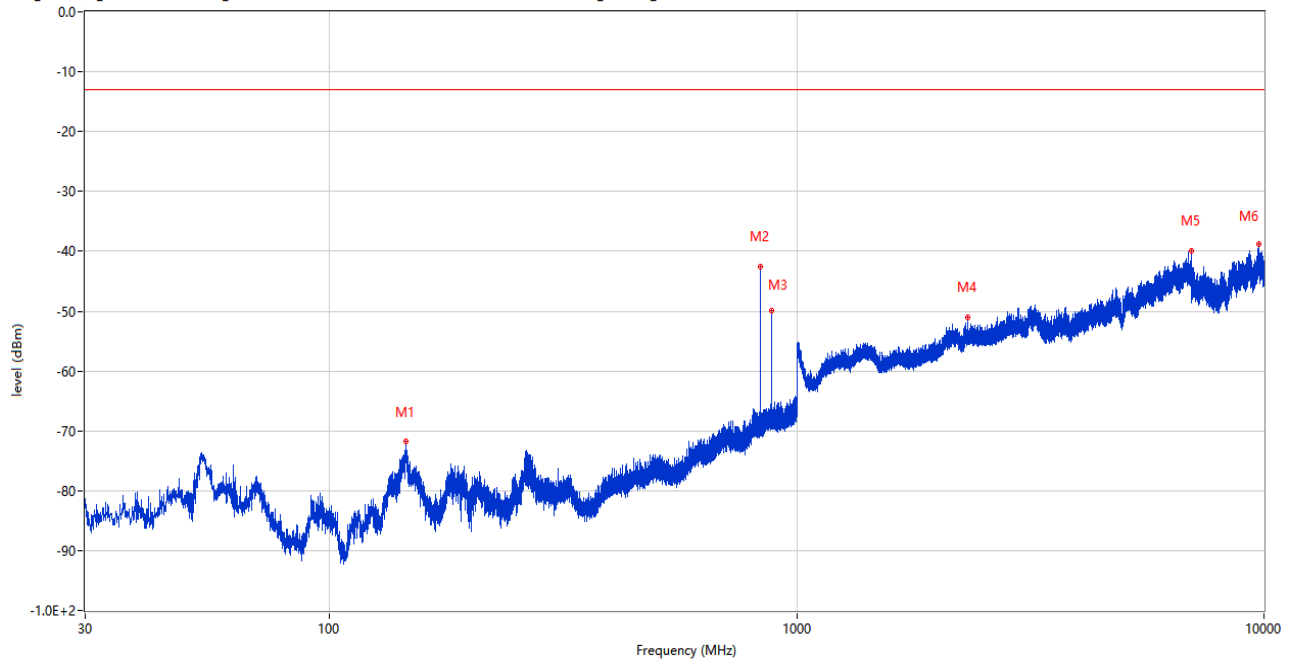
RSE-H&H EGPRS 850 CH190



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
181.950	-70.85	-15.21	-13.0	-57.85	0.00	Horizontal	Horizontal	Pass
836.555	-38.76	2.18	-13.0	-25.76	285.00	Horizontal	Horizontal	N/A
881.563	-48.97	2.73	-13.0	-35.97	138.00	Horizontal	Horizontal	N/A
1673.600	-51.26	-4.46	-13.0	-38.26	80.00	Horizontal	Horizontal	Pass
2449.200	-50.99	-0.36	-13.0	-37.99	20.00	Horizontal	Horizontal	Pass
6688.000	-40.54	11.52	-13.0	-27.54	115.00	Horizontal	Horizontal	Pass

RSE-V&H EGPRS 850 CH190

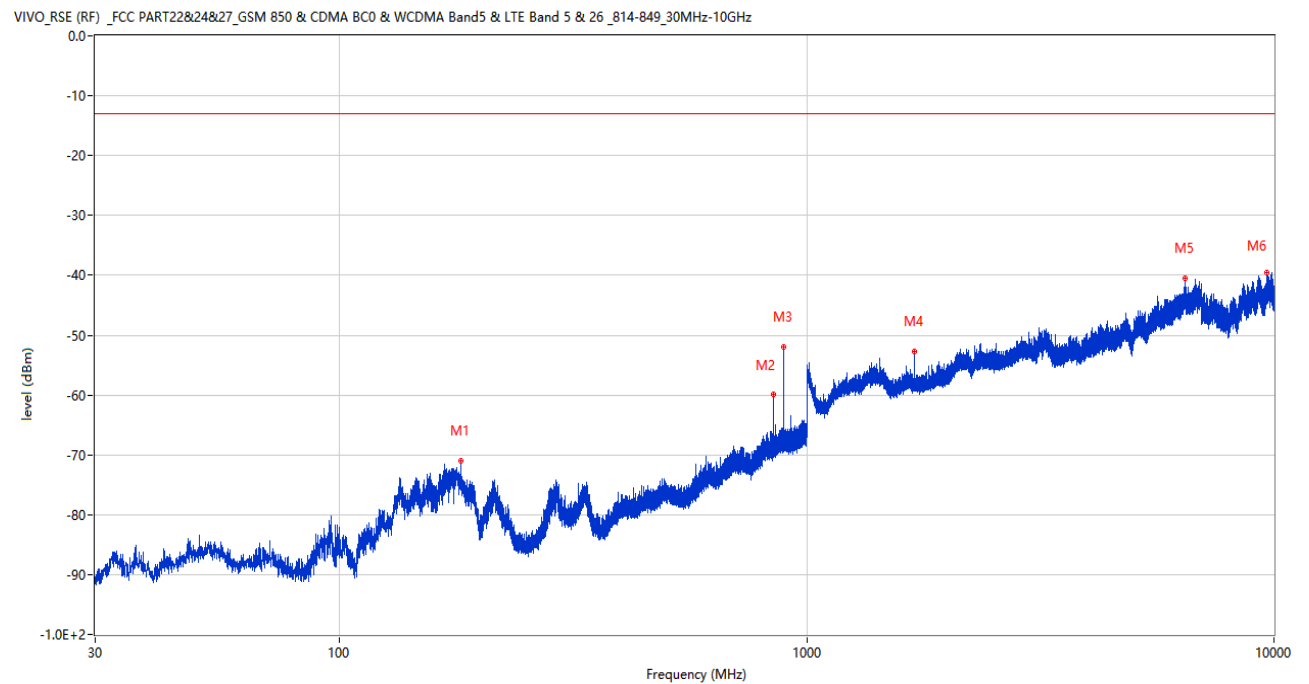
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.672	-71.74	-15.67	-13.0	-58.74	256.00	Vertical	Horizontal	Pass
836.604	-42.59	2.18	-13.0	-29.59	235.00	Vertical	Horizontal	N/A
881.612	-49.84	2.73	-13.0	-36.84	33.00	Vertical	Horizontal	N/A
2322.900	-50.95	-0.90	-13.0	-37.95	141.00	Vertical	Horizontal	Pass
6993.800	-39.85	13.90	-13.0	-26.85	62.00	Vertical	Horizontal	Pass
9752.500	-38.85	18.50	-13.0	-25.85	353.00	Vertical	Horizontal	Pass

3.3 EGPRS 850 High Channel

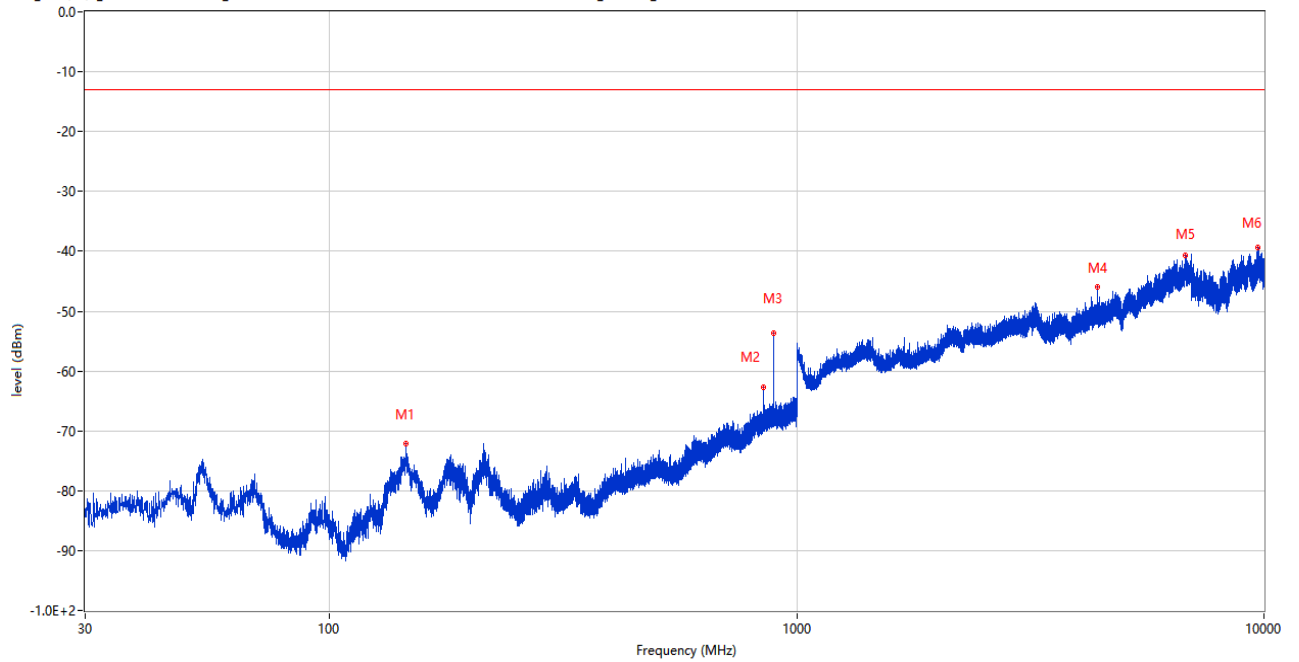
RSE-H&H EGPRS 850 CH251



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
182.048	-70.92	-15.21	-13.0	-57.92	277.00	Horizontal	Horizontal	Pass
848.825	-59.95	2.29	-13.0	-46.95	0.00	Horizontal	Horizontal	N/A
893.833	-51.97	2.48	-13.0	-38.97	141.00	Horizontal	Horizontal	N/A
1697.300	-52.73	-4.81	-13.0	-39.73	133.00	Horizontal	Horizontal	Pass
6441.000	-40.47	12.23	-13.0	-27.47	150.00	Horizontal	Horizontal	Pass
9675.550	-39.46	18.94	-13.0	-26.46	0.00	Horizontal	Horizontal	Pass

RSE-V&H EGPRS 850 CH251

VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

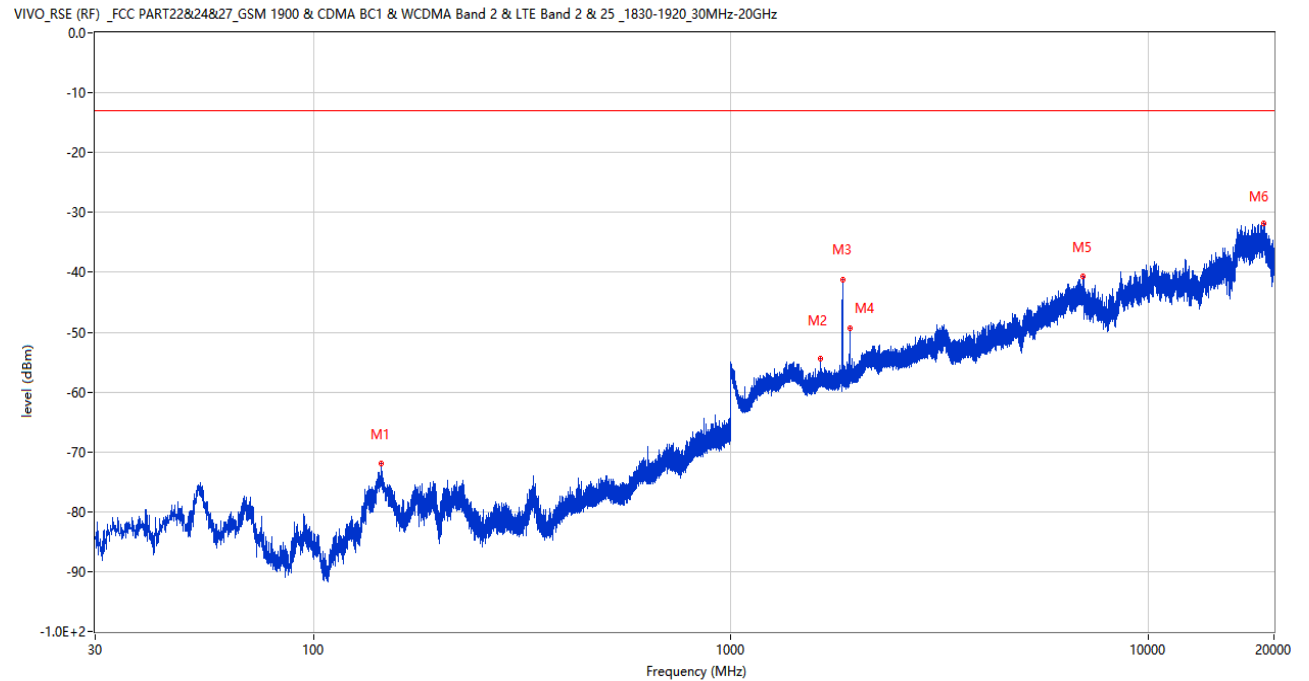


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.19	-15.66	-13.0	-59.19	326.00	Vertical	Horizontal	Pass
848.825	-62.69	2.29	-13.0	-49.69	214.00	Vertical	Horizontal	N/A
893.833	-53.70	2.48	-13.0	-40.70	40.00	Vertical	Horizontal	N/A
4406.000	-46.04	5.99	-13.0	-33.04	92.00	Vertical	Horizontal	Pass
6788.400	-40.75	12.84	-13.0	-27.75	352.00	Vertical	Horizontal	Pass
9679.901	-39.37	19.07	-13.0	-26.37	198.00	Vertical	Horizontal	Pass

4 EGPRS 1900

4.1 EGPRS 1900 Low Channel

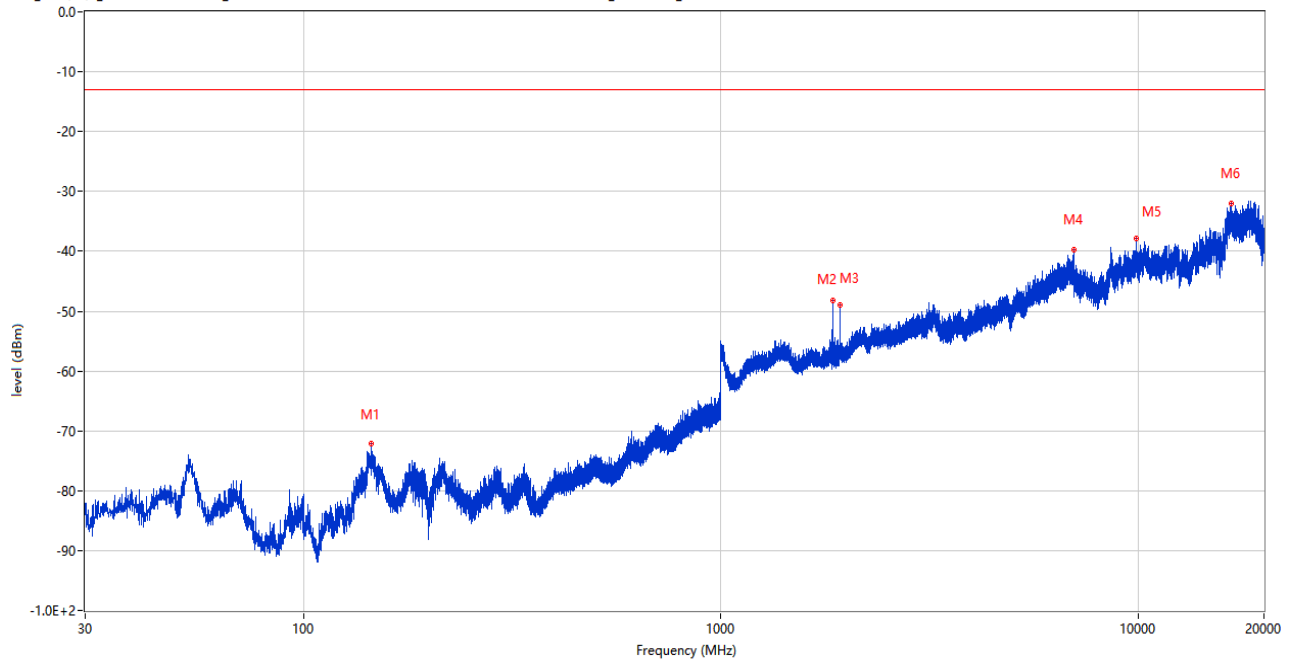
RSE-V&V EGPRS 1900 CH512



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.672	-71.90	-15.66	-13.0	-58.90	321.00	Vertical	Vertical	Pass
1640.500	-54.51	-4.46	-13.0	-41.51	273.00	Vertical	Vertical	Pass
1850.500	-41.16	-2.88	-13.0	-28.16	261.00	Vertical	Vertical	N/A
1930.100	-49.34	-2.64	-13.0	-36.34	135.00	Vertical	Vertical	N/A
6989.000	-40.73	13.74	-13.0	-27.73	30.00	Vertical	Vertical	Pass
18861.025	-31.92	25.11	-13.0	-18.92	1.00	Vertical	Vertical	Pass

RSE-V&H EGPRS 1900 CH512

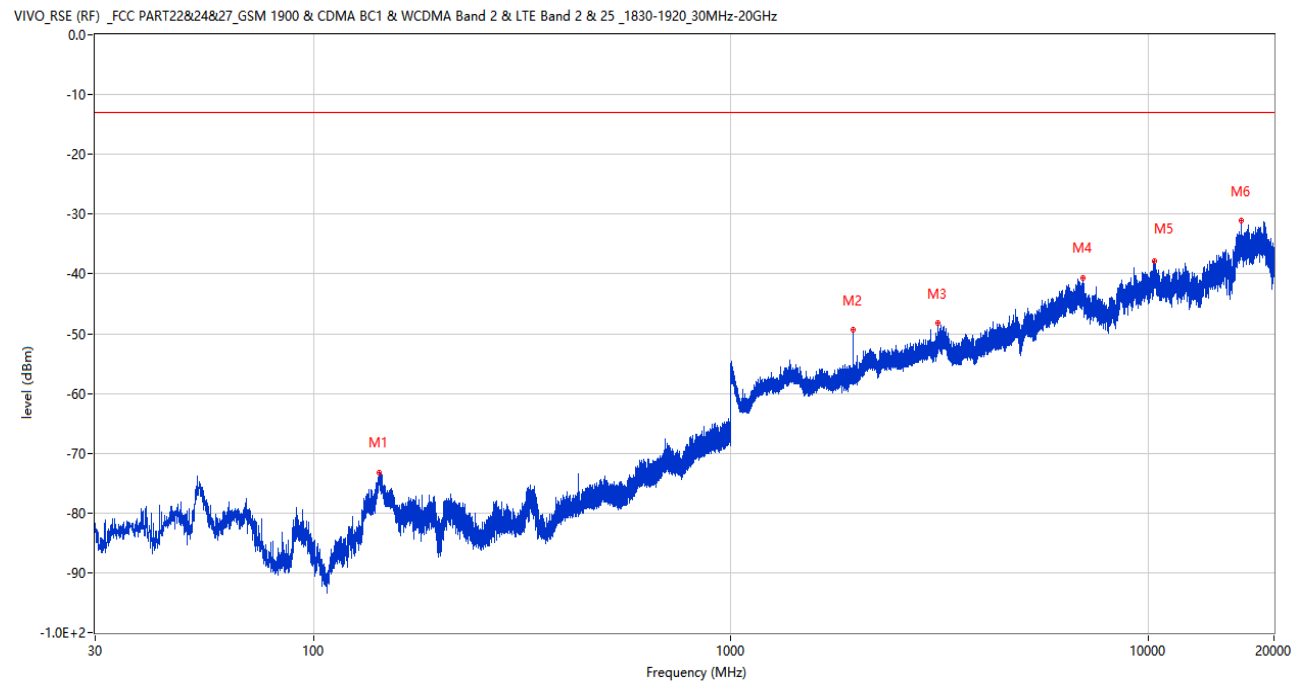
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.20	-15.66	-13.0	-59.20	327.00	Vertical	Horizontal	Pass
1850.500	-48.23	-2.88	-13.0	-35.23	31.00	Vertical	Horizontal	N/A
1930.400	-48.90	-2.74	-13.0	-35.90	121.00	Vertical	Horizontal	N/A
6997.400	-39.80	13.94	-13.0	-26.80	318.00	Vertical	Horizontal	Pass
9905.188	-37.78	18.75	-13.0	-24.78	130.00	Vertical	Horizontal	Pass
16698.713	-32.04	26.21	-13.0	-19.04	217.00	Vertical	Horizontal	Pass

4.2 EGPRS 1900 Middle Channel

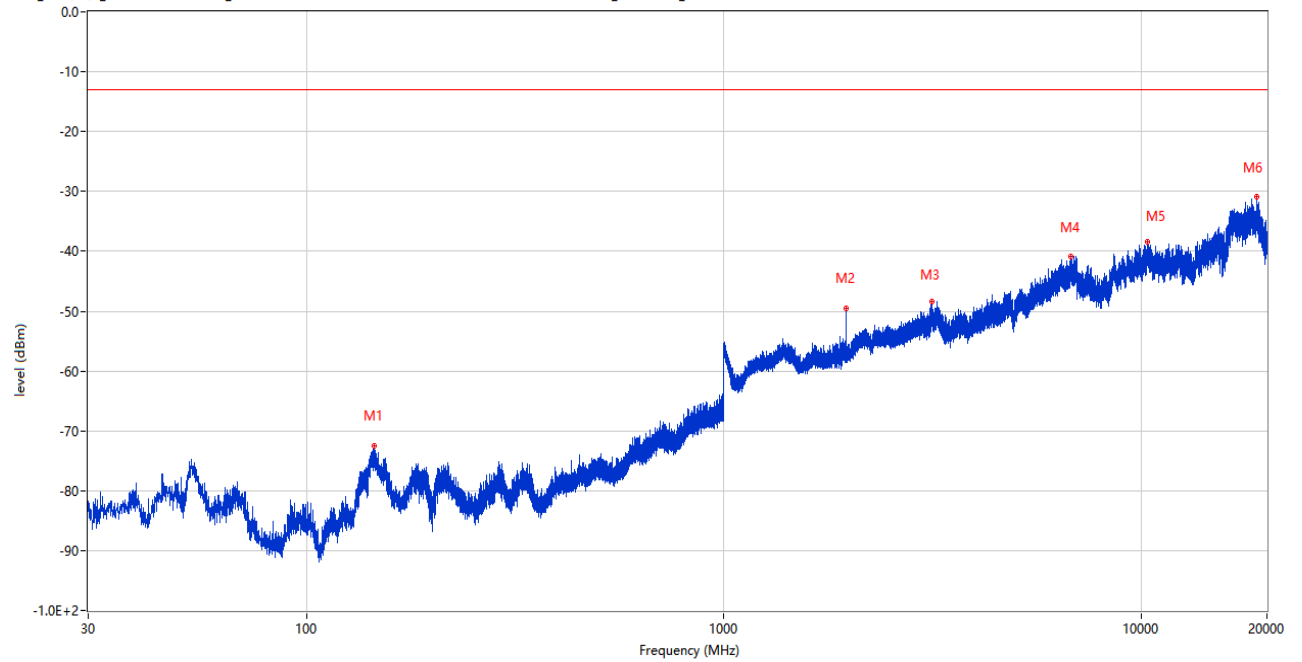
RSE-V&V EGPRS 1900 CH661



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
143.587	-73.21	-15.76	-13.0	-60.21	336.00	Vertical	Vertical	Pass
1960.200	-49.43	-3.60	-13.0	-36.43	126.00	Vertical	Vertical	N/A
3140.400	-48.20	4.81	-13.0	-35.20	229.00	Vertical	Vertical	Pass
6992.000	-40.75	13.92	-13.0	-27.75	190.00	Vertical	Vertical	Pass
10325.800	-37.82	19.49	-13.0	-24.82	28.00	Vertical	Vertical	Pass
16705.238	-31.14	25.88	-13.0	-18.14	336.00	Vertical	Vertical	Pass

RSE-V&H EGPRS 1900 CH661

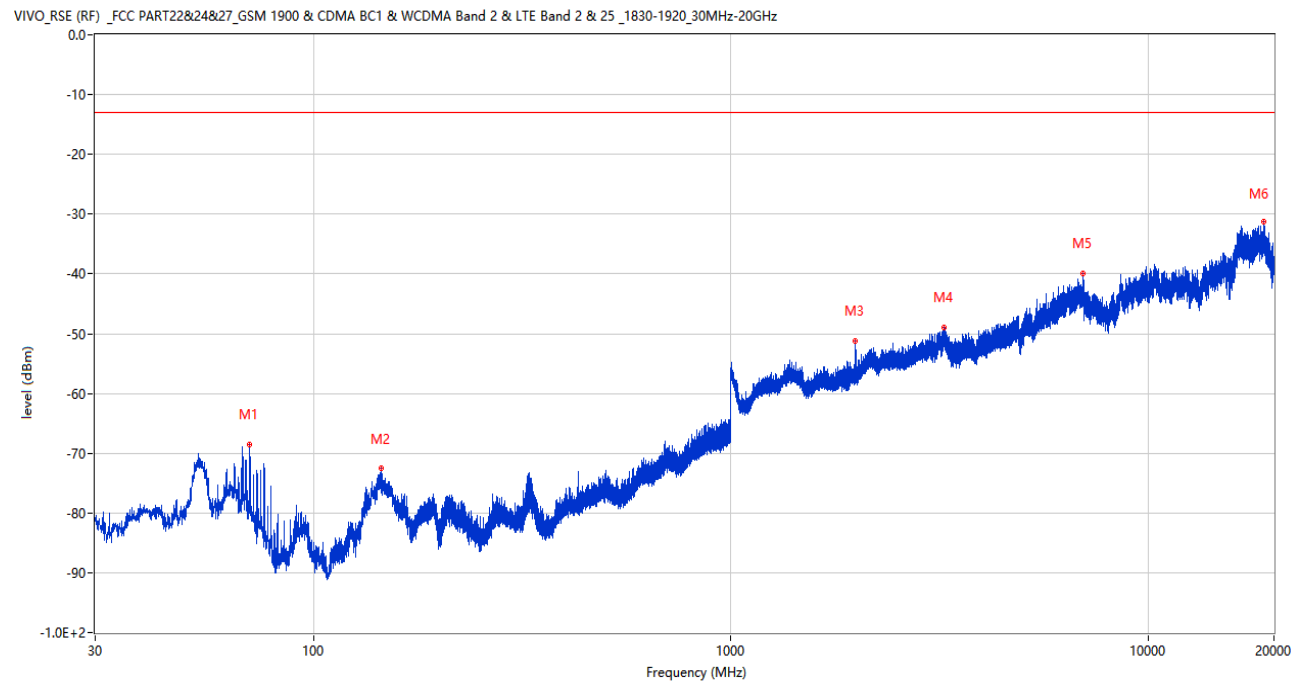
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.042	-72.47	-15.63	-13.0	-59.47	319.00	Vertical	Horizontal	Pass
1960.500	-49.55	-3.61	-13.0	-36.55	127.00	Vertical	Horizontal	N/A
3156.200	-48.35	5.97	-13.0	-35.35	90.00	Vertical	Horizontal	Pass
6782.200	-40.86	12.72	-13.0	-27.86	77.00	Vertical	Horizontal	Pass
10360.875	-38.45	19.05	-13.0	-25.45	36.00	Vertical	Horizontal	Pass
18938.599	-30.82	25.07	-13.0	-17.82	24.00	Vertical	Horizontal	Pass

4.3 EGPRS 1900 High Channel

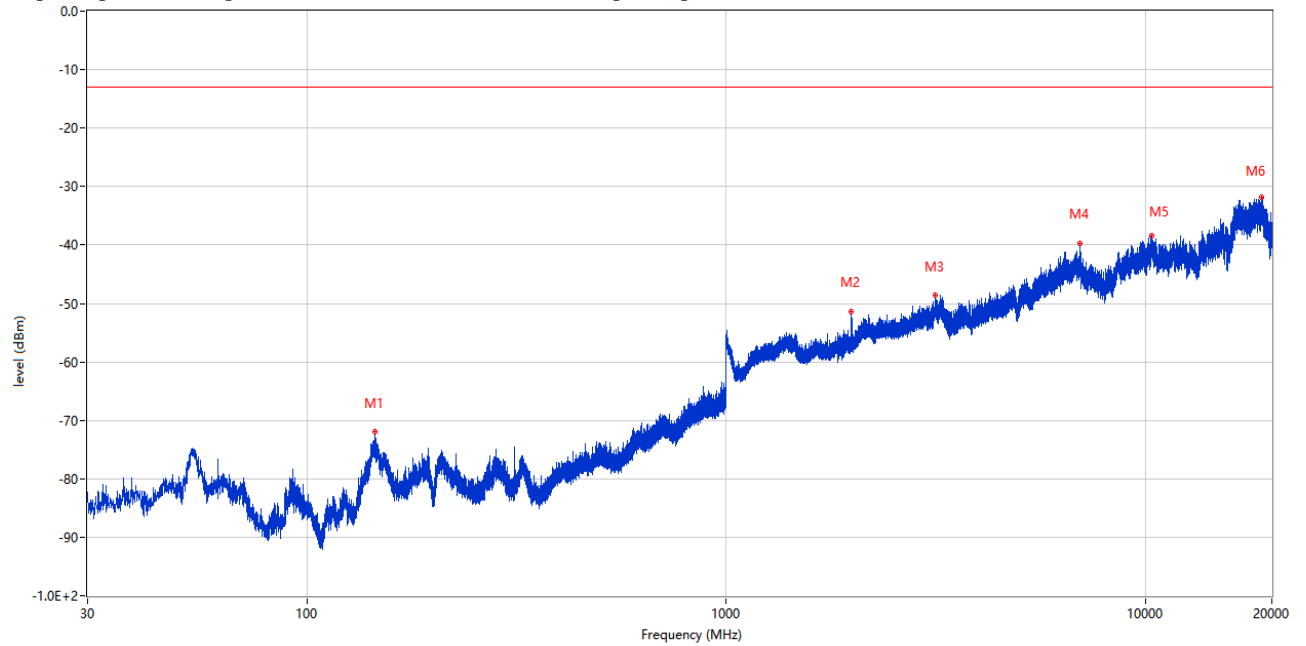
RSE-V&V EGPRS 1900 CH810



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
70.352	-68.48	-16.80	-13.0	-55.48	121.00	Vertical	Vertical	Pass
145.624	-72.56	-15.66	-13.0	-59.56	360.00	Vertical	Vertical	Pass
1990.000	-51.20	-3.64	-13.0	-38.20	280.00	Vertical	Vertical	N/A
3232.400	-48.89	6.81	-13.0	-35.89	10.00	Vertical	Vertical	Pass
6962.800	-39.98	13.21	-13.0	-26.98	202.00	Vertical	Vertical	Pass
18930.989	-31.32	25.07	-13.0	-18.32	353.00	Vertical	Vertical	Pass

RSE-V&H EGPRS 1900 CH810

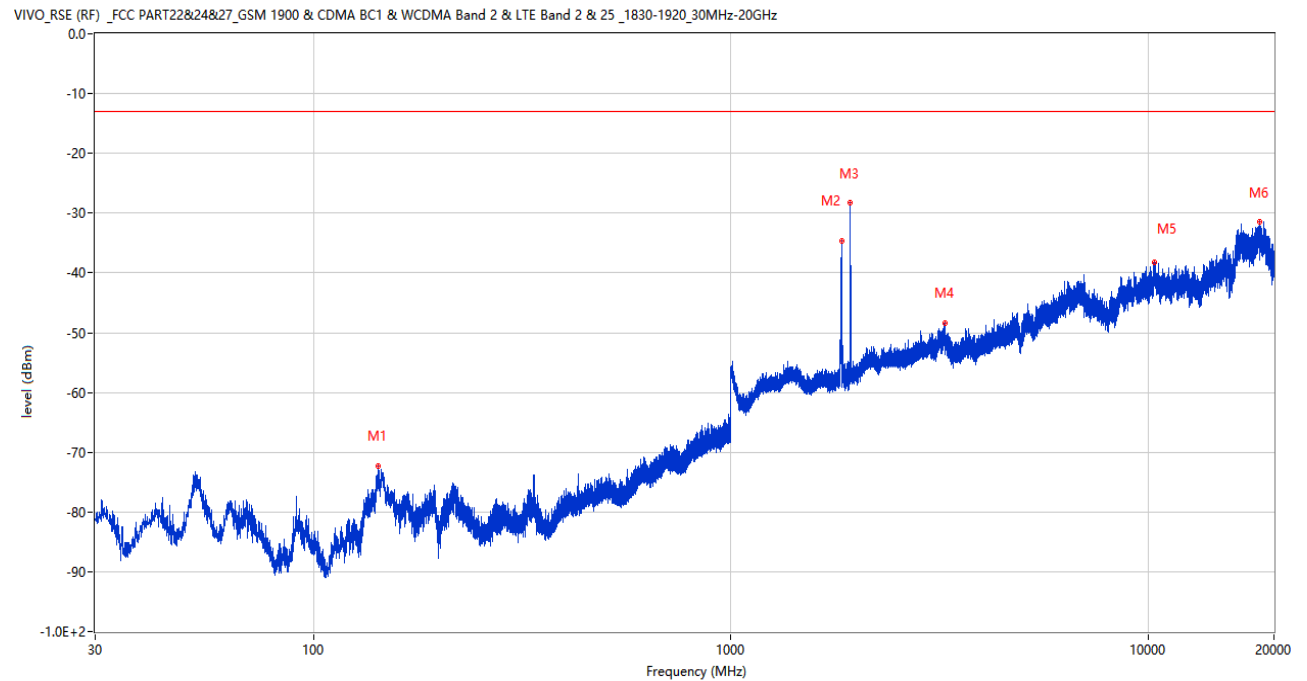
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25 _1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.02	-15.66	-13.0	-59.02	0.00	Vertical	Horizontal	Pass
1989.700	-51.35	-3.65	-13.0	-38.35	226.00	Vertical	Horizontal	N/A
3152.200	-48.66	5.66	-13.0	-35.66	310.00	Vertical	Horizontal	Pass
6989.400	-39.81	13.77	-13.0	-26.81	151.00	Vertical	Horizontal	Pass
10341.325	-38.36	19.27	-13.0	-25.36	168.00	Vertical	Horizontal	Pass
18932.437	-31.88	25.07	-13.0	-18.88	244.00	Vertical	Horizontal	Pass

WCDMA
5 WCDMA Band 2
5.1 WCDMA Band 2 Low Channel

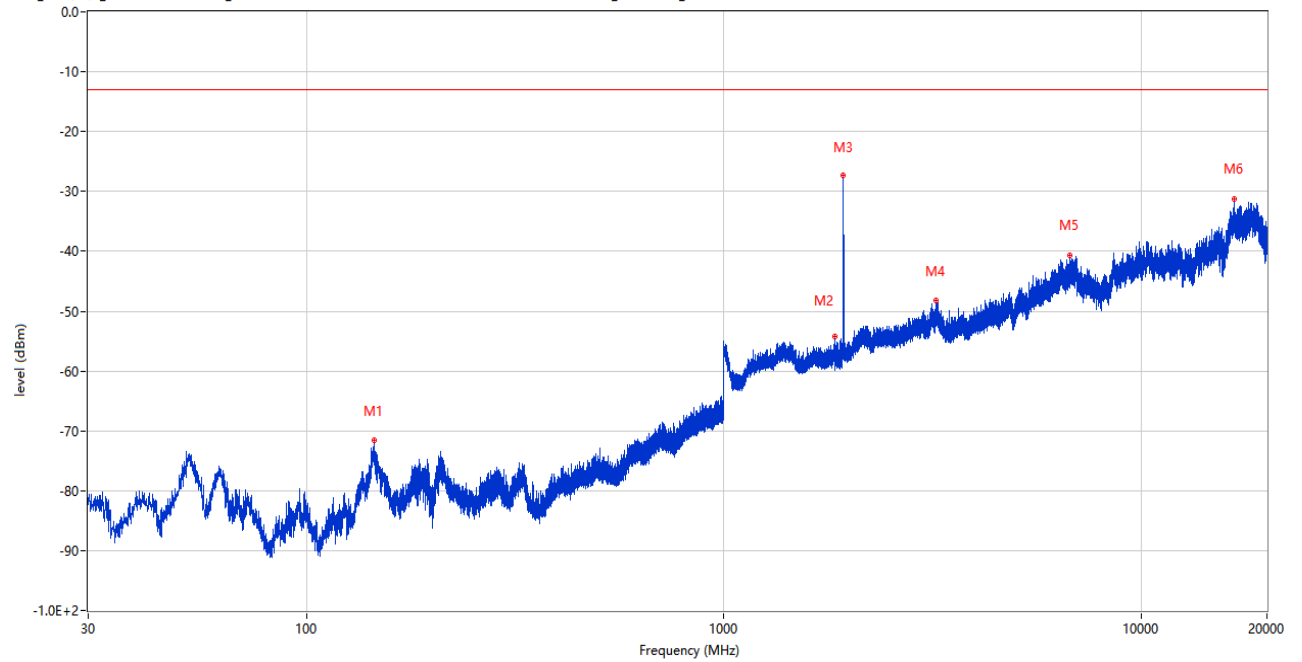
RSE-V&V WCDMA Band 2 CH9262



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
143.102	-72.24	-15.81	-13.0	-59.24	309.00	Vertical	Vertical	Pass
1839.900	-34.71	-3.12	-13.0	-21.71	299.00	Vertical	Vertical	N/A
1933.500	-28.34	-3.31	-13.0	-15.34	116.00	Vertical	Vertical	N/A
3251.400	-48.43	5.87	-13.0	-35.43	239.00	Vertical	Vertical	Pass
10362.599	-38.21	19.04	-13.0	-25.21	135.00	Vertical	Vertical	Pass
18437.988	-31.42	25.35	-13.0	-18.42	16.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 2 CH9262

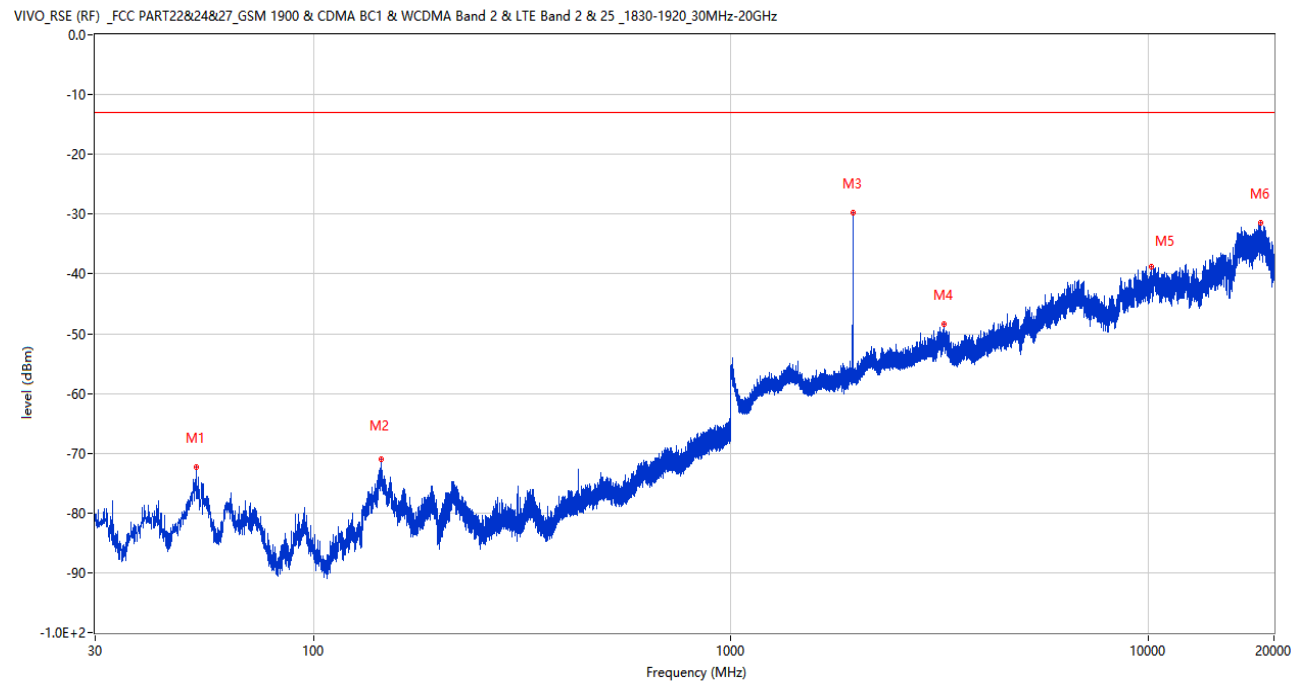
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.58	-15.66	-13.0	-58.58	313.00	Vertical	Horizontal	Pass
1839.900	-54.25	-3.12	-13.0	-41.25	221.00	Vertical	Horizontal	N/A
1933.500	-27.35	-3.31	-13.0	-14.35	138.00	Vertical	Horizontal	N/A
3226.800	-48.24	6.49	-13.0	-35.24	288.00	Vertical	Horizontal	Pass
6756.600	-40.66	12.28	-13.0	-27.66	350.00	Vertical	Horizontal	Pass
16704.512	-31.32	25.92	-13.0	-18.32	323.00	Vertical	Horizontal	Pass

5.2 WCDMA Band 2 Middle Channel

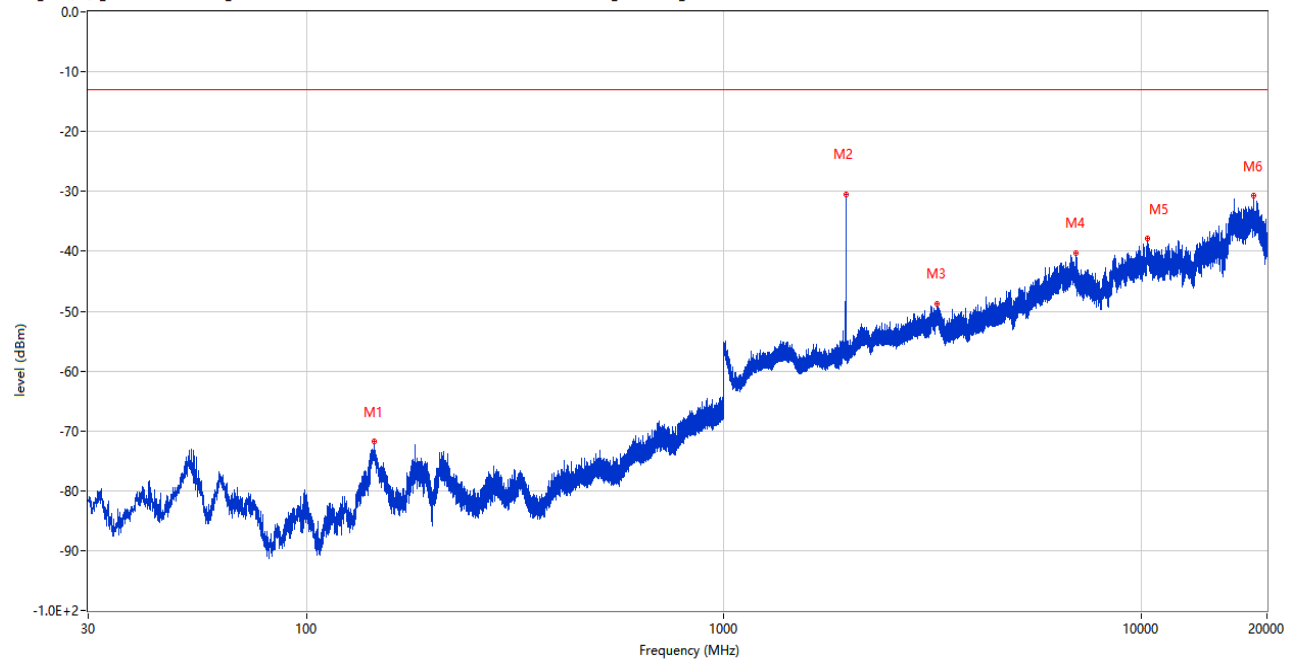
RSE-V&V WCDMA Band 2 CH9400



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
52.407	-72.35	-14.93	-13.0	-59.35	183.00	Vertical	Vertical	Pass
145.527	-71.08	-15.65	-13.0	-58.08	346.00	Vertical	Vertical	Pass
1960.800	-29.75	-3.62	-13.0	-16.75	114.00	Vertical	Vertical	N/A
3248.800	-48.40	5.98	-13.0	-35.40	12.00	Vertical	Vertical	Pass
10143.526	-38.84	19.05	-13.0	-25.84	18.00	Vertical	Vertical	Pass
18613.801	-31.54	25.25	-13.0	-18.54	19.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 2 CH9400

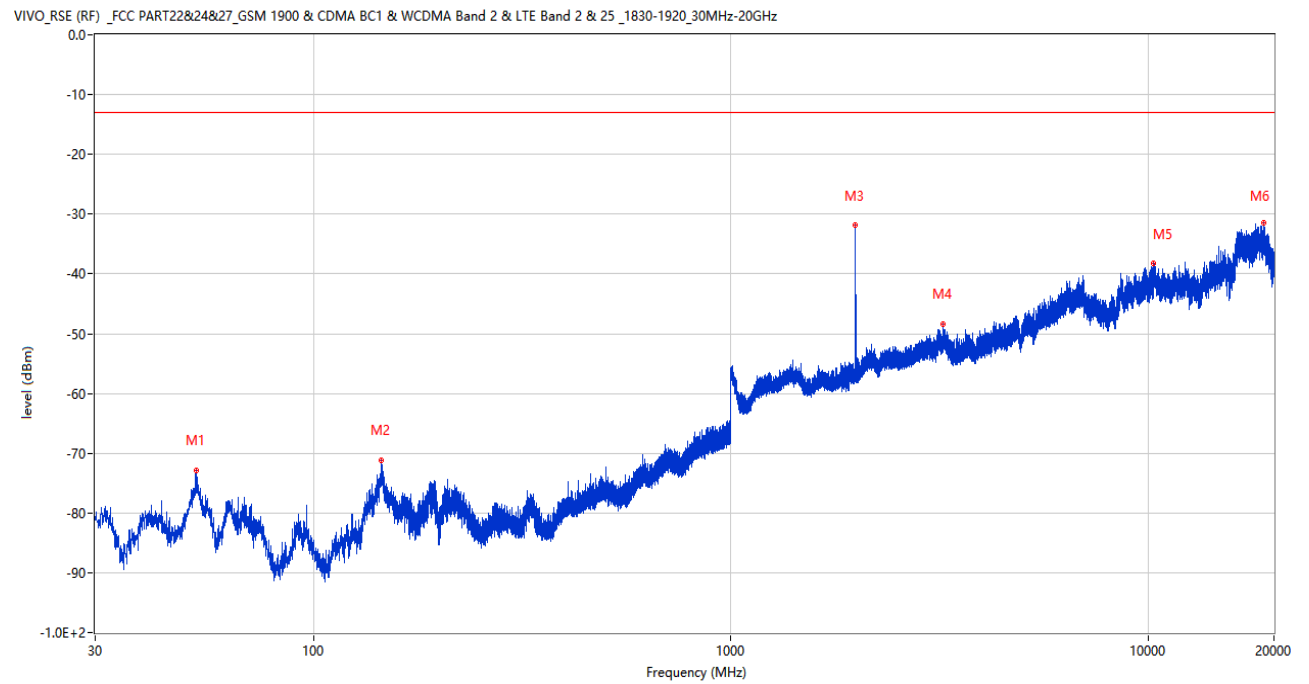
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.73	-15.66	-13.0	-58.73	314.00	Vertical	Horizontal	Pass
1960.500	-30.49	-3.61	-13.0	-17.49	129.00	Vertical	Horizontal	N/A
3239.600	-48.78	6.38	-13.0	-35.78	233.00	Vertical	Horizontal	Pass
6988.200	-40.36	13.68	-13.0	-27.36	305.00	Vertical	Horizontal	Pass
10336.437	-37.94	19.32	-13.0	-24.94	259.00	Vertical	Horizontal	Pass
18602.562	-30.78	25.26	-13.0	-17.78	1.00	Vertical	Horizontal	Pass

5.3 WCDMA Band 2 High Channel

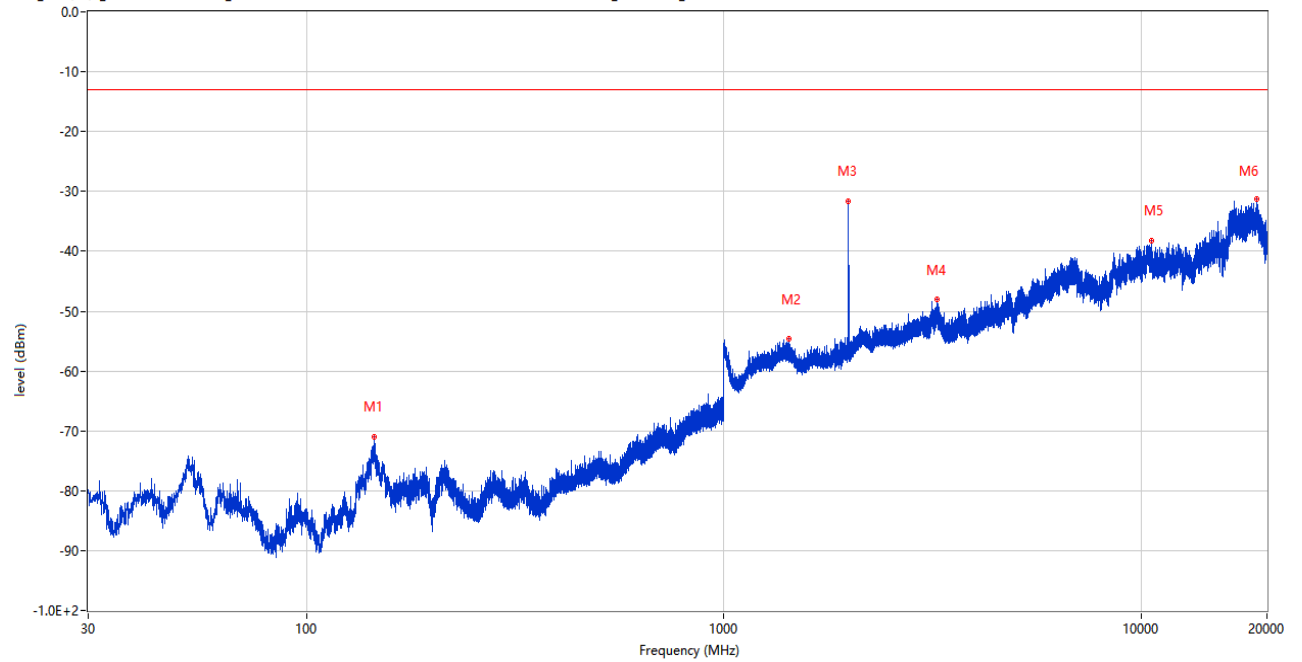
RSE-V&V WCDMA Band 2 CH9538



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
52.261	-72.79	-14.94	-13.0	-59.79	174.00	Vertical	Vertical	Pass
145.672	-71.11	-15.66	-13.0	-58.11	310.00	Vertical	Vertical	Pass
1986.800	-31.85	-3.60	-13.0	-18.85	132.00	Vertical	Vertical	N/A
3220.400	-48.45	5.72	-13.0	-35.45	35.00	Vertical	Vertical	Pass
10312.863	-38.14	19.49	-13.0	-25.14	293.00	Vertical	Vertical	Pass
18938.599	-31.49	25.07	-13.0	-18.49	64.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 2 CH9538

VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

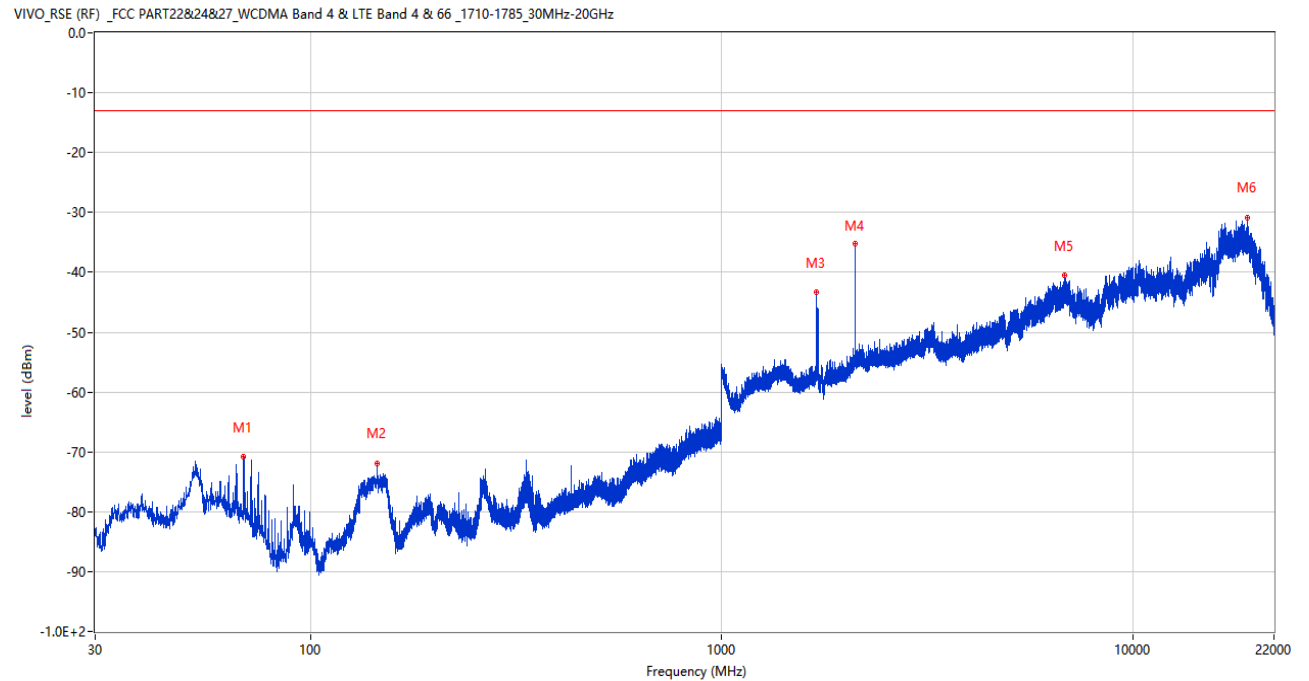


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.01	-15.65	-13.0	-58.01	355.00	Vertical	Horizontal	Pass
1428.700	-54.60	-3.52	-13.0	-41.60	281.00	Vertical	Horizontal	Pass
1987.500	-31.60	-3.62	-13.0	-18.60	108.00	Vertical	Horizontal	N/A
3243.800	-48.08	6.28	-13.0	-35.08	165.00	Vertical	Horizontal	Pass
10584.549	-38.19	18.85	-13.0	-25.19	0.00	Vertical	Horizontal	Pass
18941.137	-31.26	25.07	-13.0	-18.26	0.00	Vertical	Horizontal	Pass

6 WCDMA Band 4

6.1 WCDMA Band 4 Low Channel

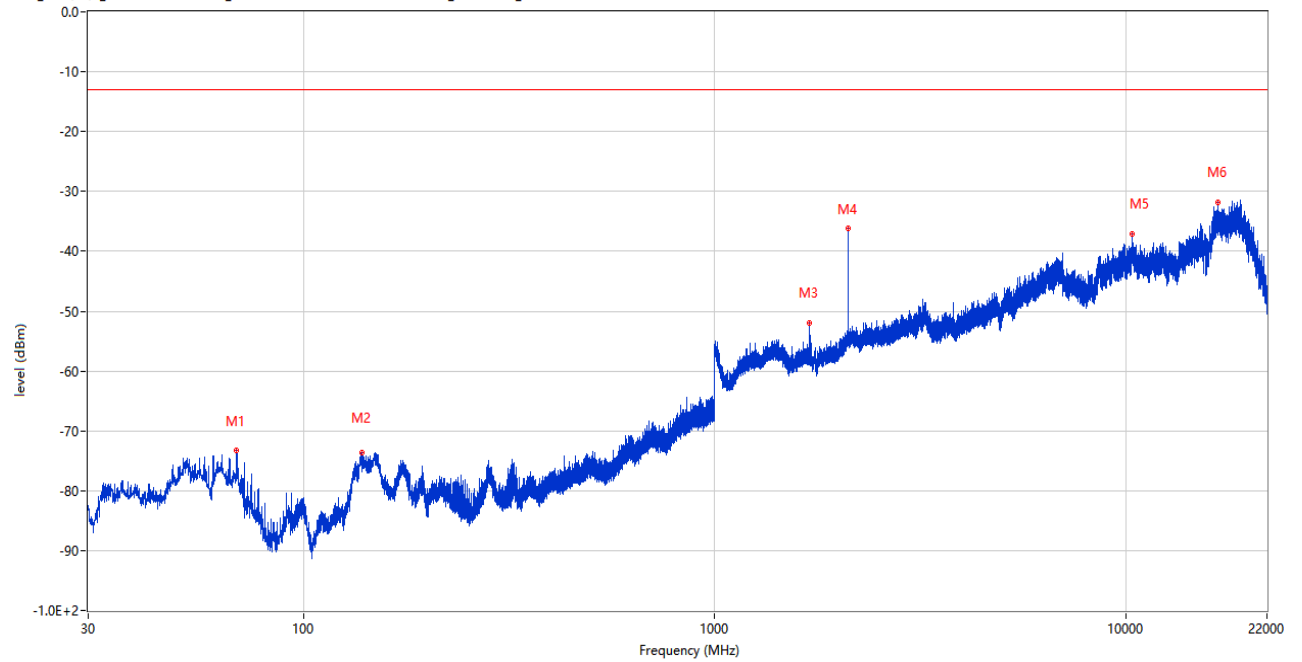
RSE-V&V WCDMA Band 4 CH1312



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.897	-70.81	-16.75	-13.0	-57.81	275.00	Vertical	Vertical	Pass
145.382	-71.86	-15.58	-13.0	-58.86	302.00	Vertical	Vertical	Pass
1702.400	-43.37	-2.93	-13.0	-30.37	91.00	Vertical	Vertical	N/A
2113.600	-35.27	-0.97	-13.0	-22.27	185.00	Vertical	Vertical	N/A
6798.400	-40.57	13.11	-13.0	-27.57	320.00	Vertical	Vertical	Pass
18933.162	-30.96	25.07	-13.0	-17.96	63.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 4 CH1312

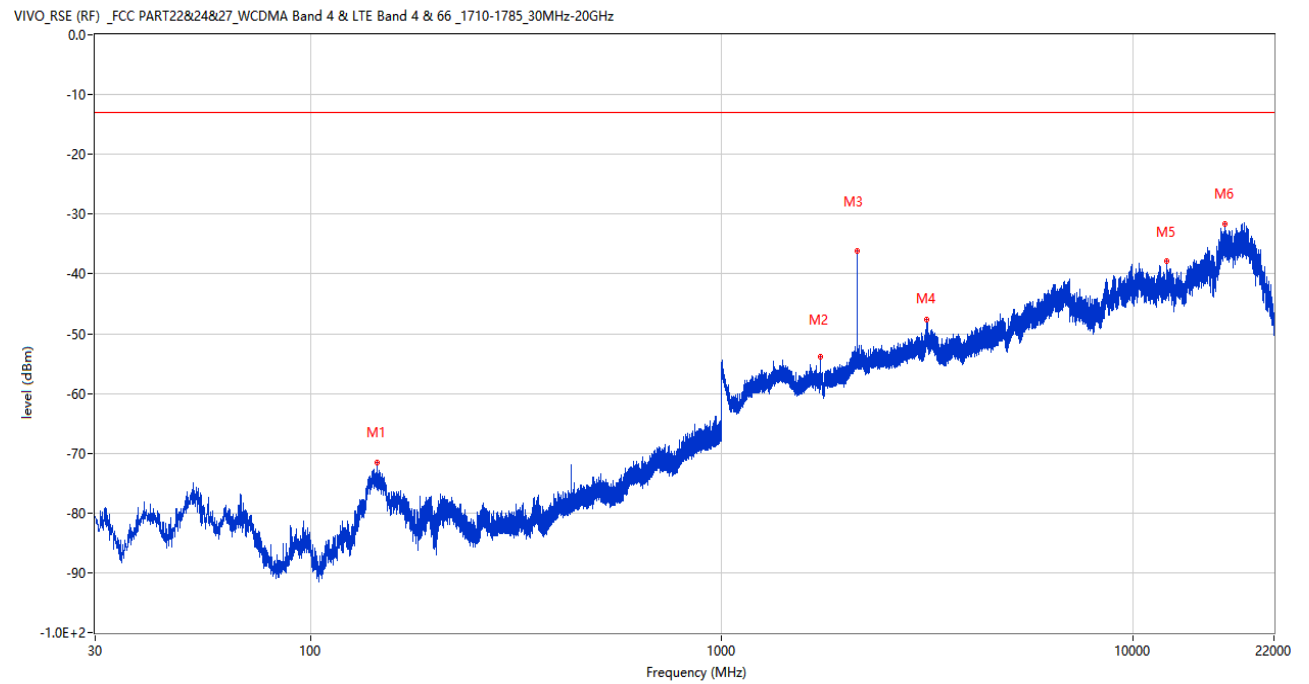
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
68.897	-73.25	-16.75	-13.0	-60.25	194.00	Vertical	Horizontal	Pass
138.543	-73.72	-16.13	-13.0	-60.72	221.00	Vertical	Horizontal	Pass
1702.600	-52.01	-2.94	-13.0	-39.01	244.00	Vertical	Horizontal	N/A
2112.100	-36.18	-0.87	-13.0	-23.18	183.00	Vertical	Horizontal	N/A
10335.575	-37.13	19.34	-13.0	-24.13	14.00	Vertical	Horizontal	Pass
16698.825	-31.74	26.20	-13.0	-18.74	360.00	Vertical	Horizontal	Pass

6.2 WCDMA Band 4 Middle Channel

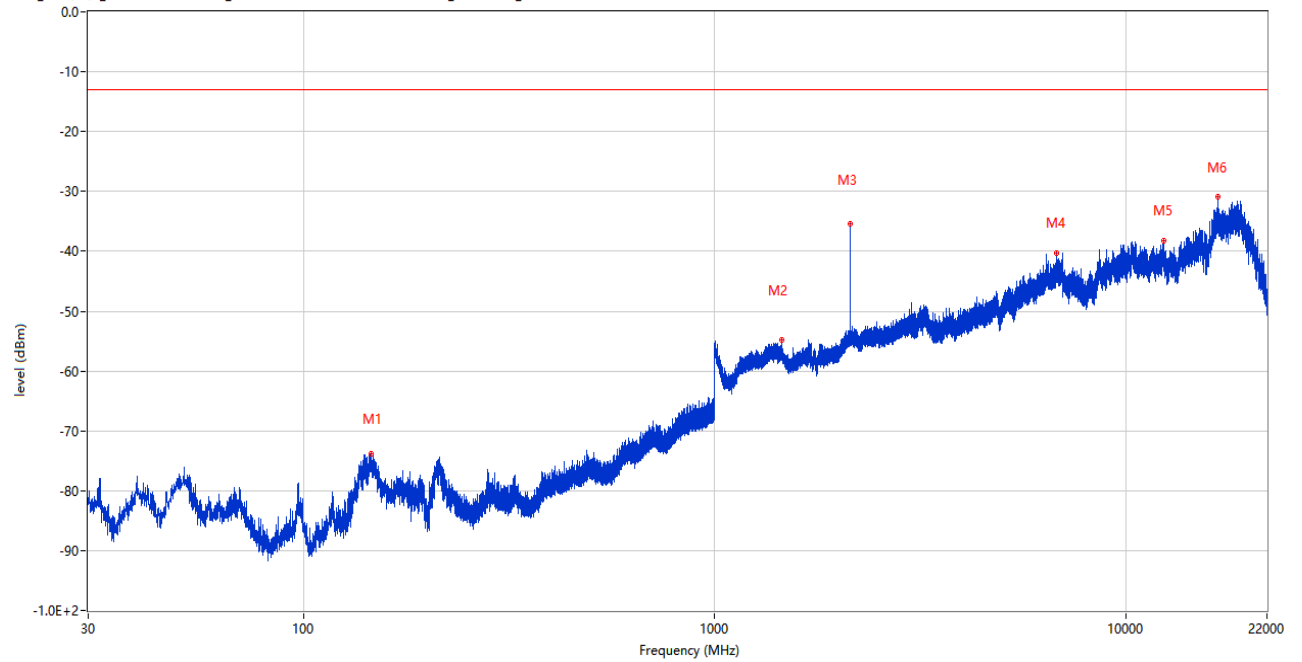
RSE-V&V WCDMA Band 4 CH1412



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.61	-15.59	-13.0	-58.61	226.00	Vertical	Vertical	Pass
1733.700	-53.93	-3.35	-13.0	-40.93	263.00	Vertical	Vertical	N/A
2132.200	-36.24	-1.20	-13.0	-23.24	198.00	Vertical	Vertical	N/A
3154.800	-47.69	5.85	-13.0	-34.69	328.00	Vertical	Vertical	Pass
12071.788	-37.92	16.64	-13.0	-24.92	170.00	Vertical	Vertical	Pass
16722.875	-31.67	24.92	-13.0	-18.67	1.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 4 CH1412

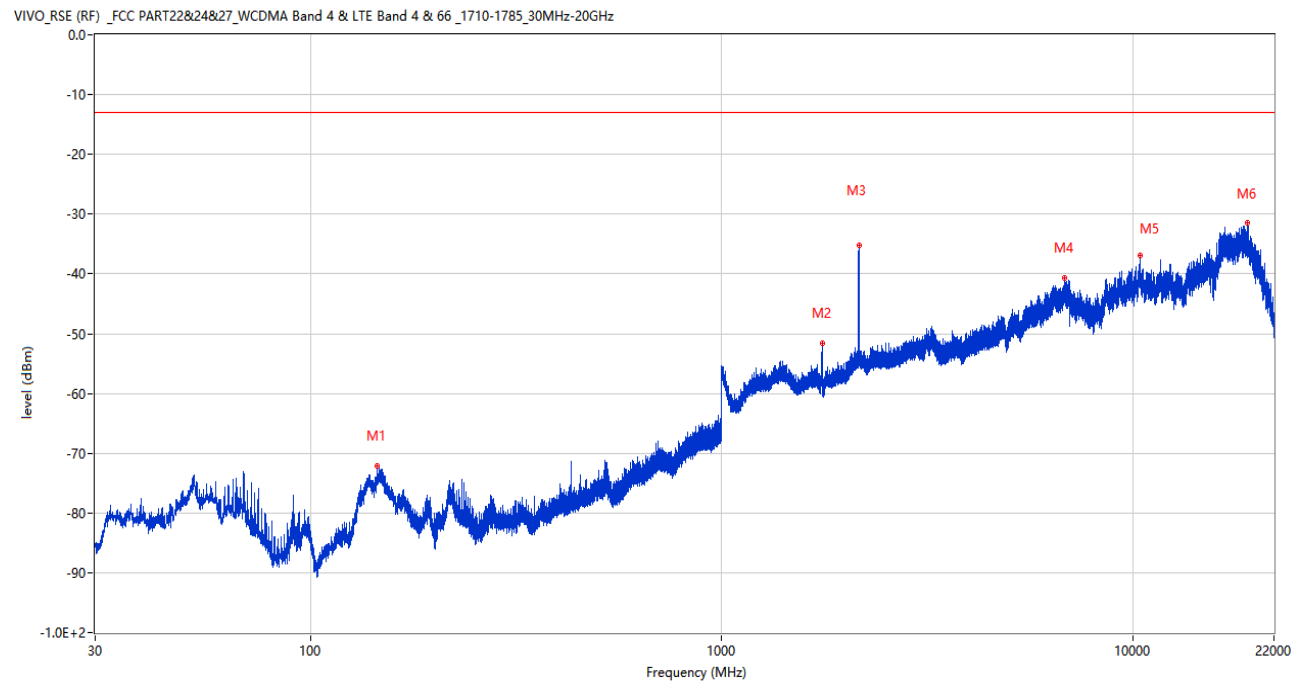
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.770	-73.88	-15.62	-13.0	-60.88	360.00	Vertical	Horizontal	Pass
1454.200	-54.73	-3.87	-13.0	-41.73	1.00	Vertical	Horizontal	Pass
2131.600	-35.48	-1.21	-13.0	-22.48	180.00	Vertical	Horizontal	N/A
6781.800	-40.24	12.70	-13.0	-27.24	296.00	Vertical	Horizontal	Pass
12334.562	-38.31	17.67	-13.0	-25.31	344.00	Vertical	Horizontal	Pass
16700.676	-30.89	26.15	-13.0	-17.89	69.00	Vertical	Horizontal	Pass

6.3 WCDMA Band 4 High Channel

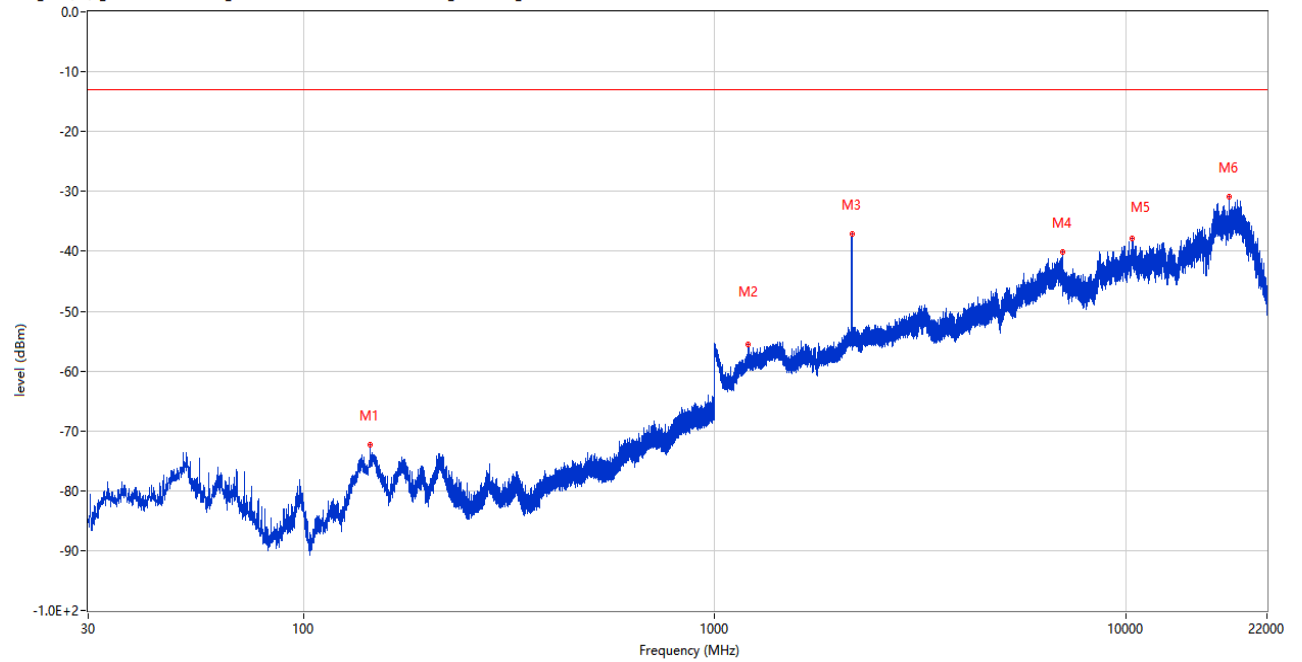
RSE-V&V WCDMA Band 4 CH1513



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.284	-72.05	-15.57	-13.0	-59.05	350.00	Vertical	Vertical	Pass
1753.000	-51.63	-3.57	-13.0	-38.63	263.00	Vertical	Vertical	N/A
2153.700	-35.25	-0.95	-13.0	-22.25	168.00	Vertical	Vertical	N/A
6818.400	-40.63	13.10	-13.0	-27.63	176.00	Vertical	Vertical	Pass
10399.974	-36.92	19.31	-13.0	-23.92	360.00	Vertical	Vertical	Pass
18927.151	-31.51	25.08	-13.0	-18.51	1.00	Vertical	Vertical	Pass

RSE-V&H WCDMA Band 4 CH1513

VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

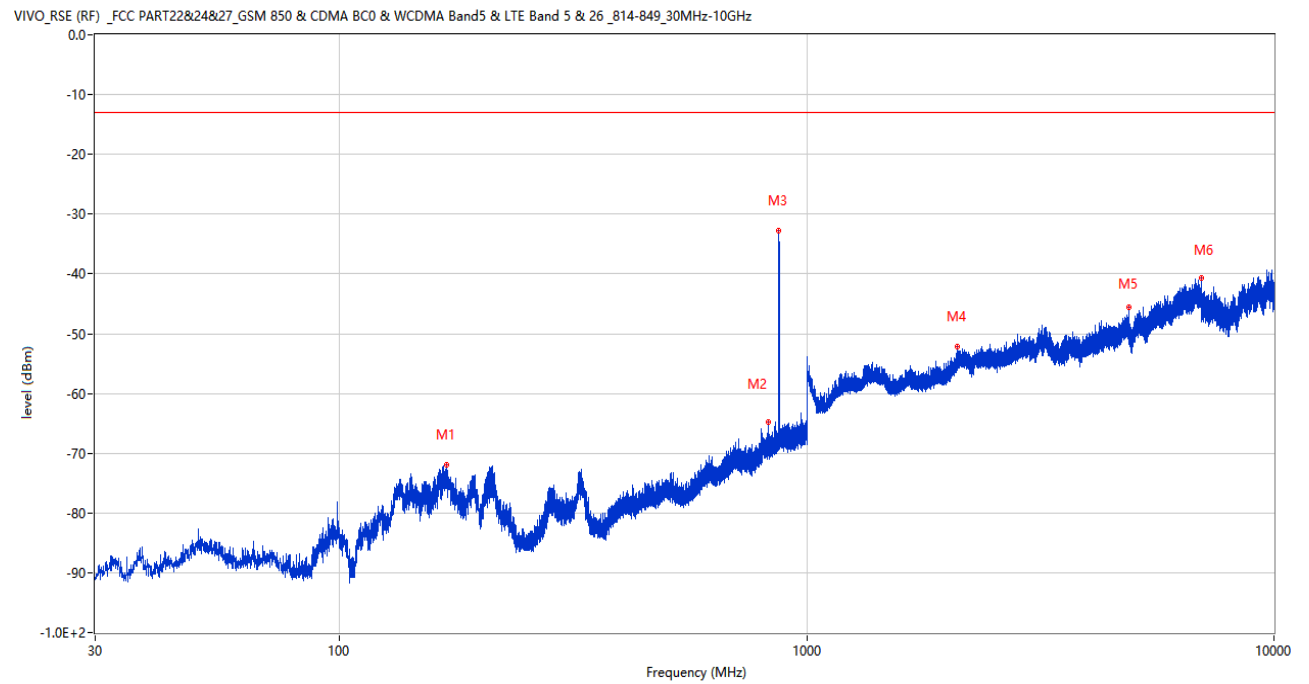


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.188	-72.34	-15.56	-13.0	-59.34	242.00	Vertical	Horizontal	Pass
1203.800	-55.59	-4.95	-13.0	-42.59	65.00	Vertical	Horizontal	Pass
2154.000	-37.18	-0.92	-13.0	-24.18	98.00	Vertical	Horizontal	N/A
6993.400	-40.19	13.92	-13.0	-27.19	134.00	Vertical	Horizontal	Pass
10368.638	-37.92	19.04	-13.0	-24.92	127.00	Vertical	Horizontal	Pass
17805.588	-30.90	25.70	-13.0	-17.90	10.00	Vertical	Horizontal	Pass

7 WCDMA Band 5

7.1 WCDMA Band 5 Low Channel

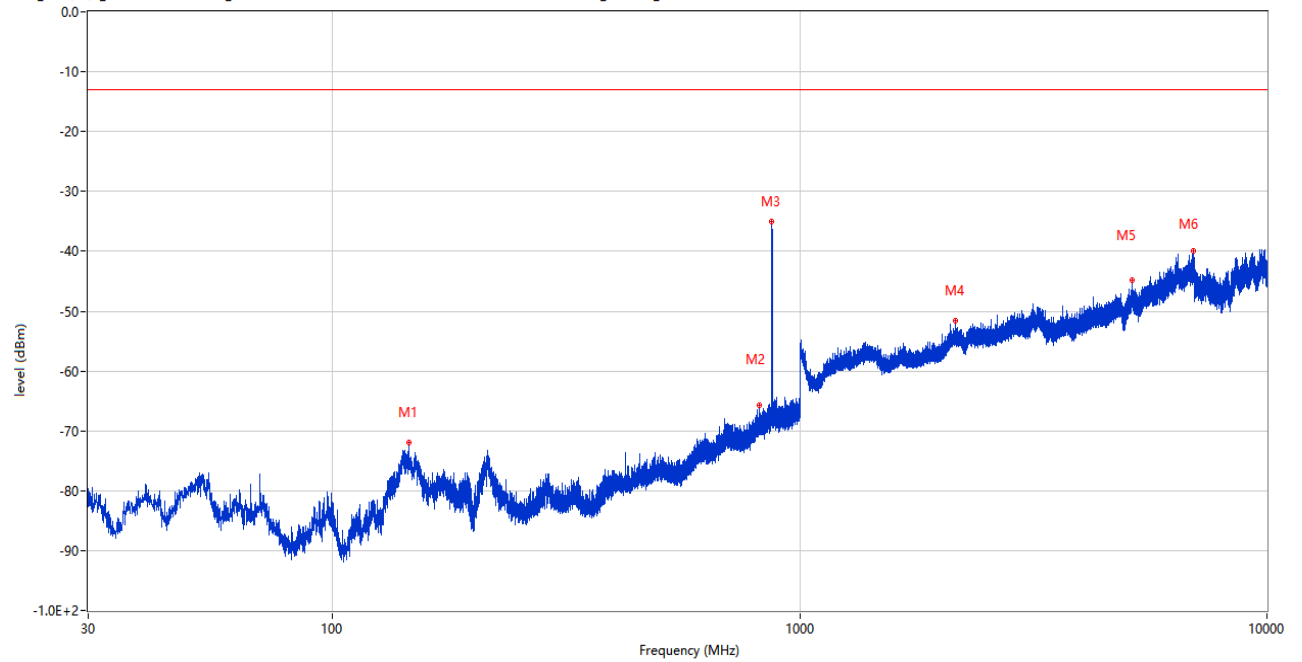
RSE-H&H WCDMA Band 5 CH4132



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
169.244	-71.94	-15.60	-13.0	-58.94	184.00	Horizontal	Horizontal	Pass
827.825	-64.85	2.06	-13.0	-51.85	31.00	Horizontal	Horizontal	N/A
872.009	-32.71	2.41	-13.0	-19.71	363.00	Horizontal	Horizontal	N/A
2104.100	-52.12	-1.35	-13.0	-39.12	309.00	Horizontal	Horizontal	Pass
4887.600	-45.66	6.13	-13.0	-32.66	360.00	Horizontal	Horizontal	Pass
6996.200	-40.64	13.84	-13.0	-27.64	51.00	Horizontal	Horizontal	Pass

RSE-V&H WCDMA Band 5 CH4132

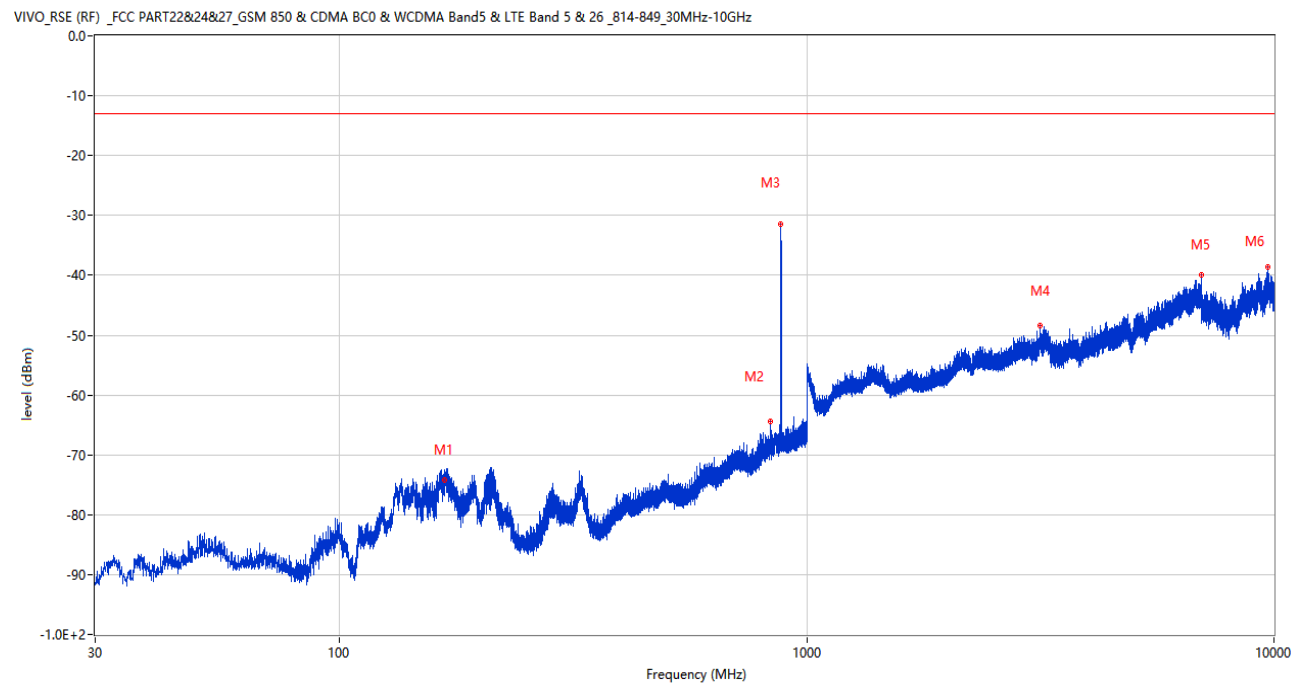
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.95	-15.65	-13.0	-58.95	327.00	Vertical	Horizontal	Pass
820.114	-65.68	1.96	-13.0	-52.68	205.00	Vertical	Horizontal	N/A
871.669	-35.12	2.39	-13.0	-22.12	83.00	Vertical	Horizontal	N/A
2153.900	-51.68	-0.55	-13.0	-38.68	110.00	Vertical	Horizontal	Pass
5154.000	-44.91	7.91	-13.0	-31.91	51.00	Vertical	Horizontal	Pass
6974.000	-39.97	13.24	-13.0	-26.97	101.00	Vertical	Horizontal	Pass

7.2 WCDMA Band 5 Middle Channel

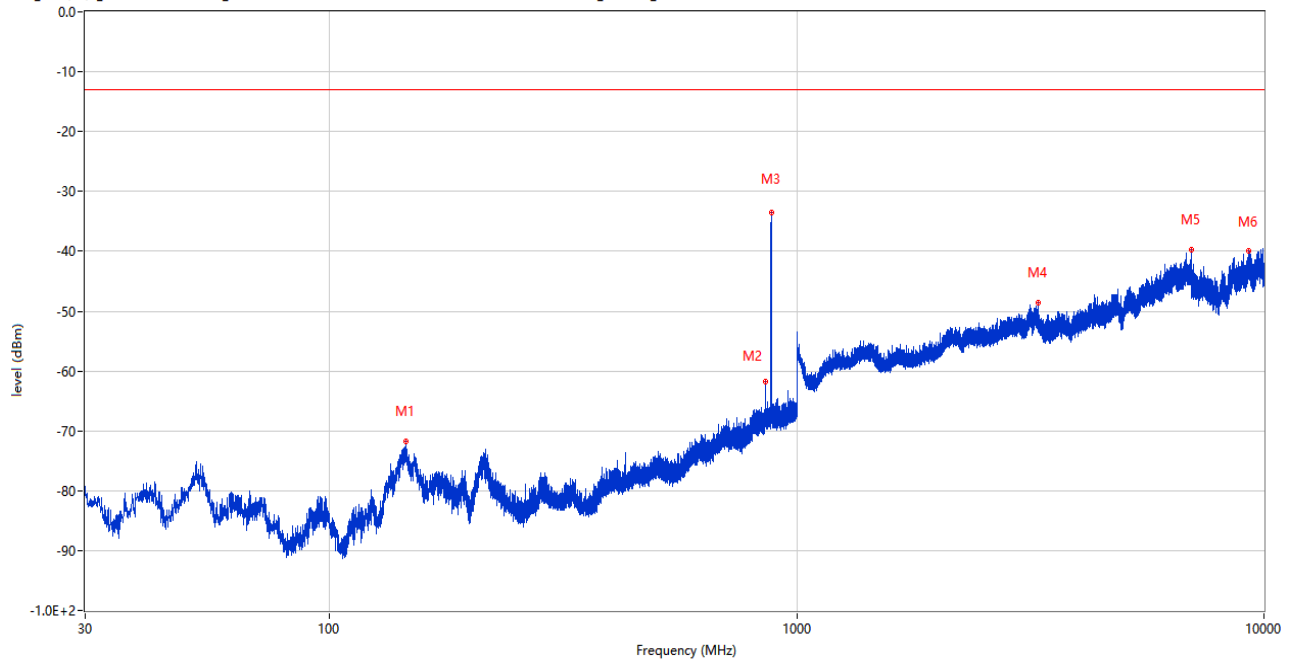
RSE-H&H WCDMA Band 5 CH4182



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
167.982	-72.12	-15.62	-13.0	-59.12	156.00	Horizontal	Horizontal	Pass
836.943	-64.40	2.19	-13.0	-51.40	306.00	Horizontal	Horizontal	N/A
879.769	-31.53	2.59	-13.0	-18.53	62.00	Horizontal	Horizontal	N/A
3159.800	-48.40	6.15	-13.0	-35.40	137.00	Horizontal	Horizontal	Pass
6999.000	-39.93	13.93	-13.0	-26.93	204.00	Horizontal	Horizontal	Pass
9721.150	-38.57	18.47	-13.0	-25.57	70.00	Horizontal	Horizontal	Pass

RSE-V&H WCDMA Band 5 CH4182

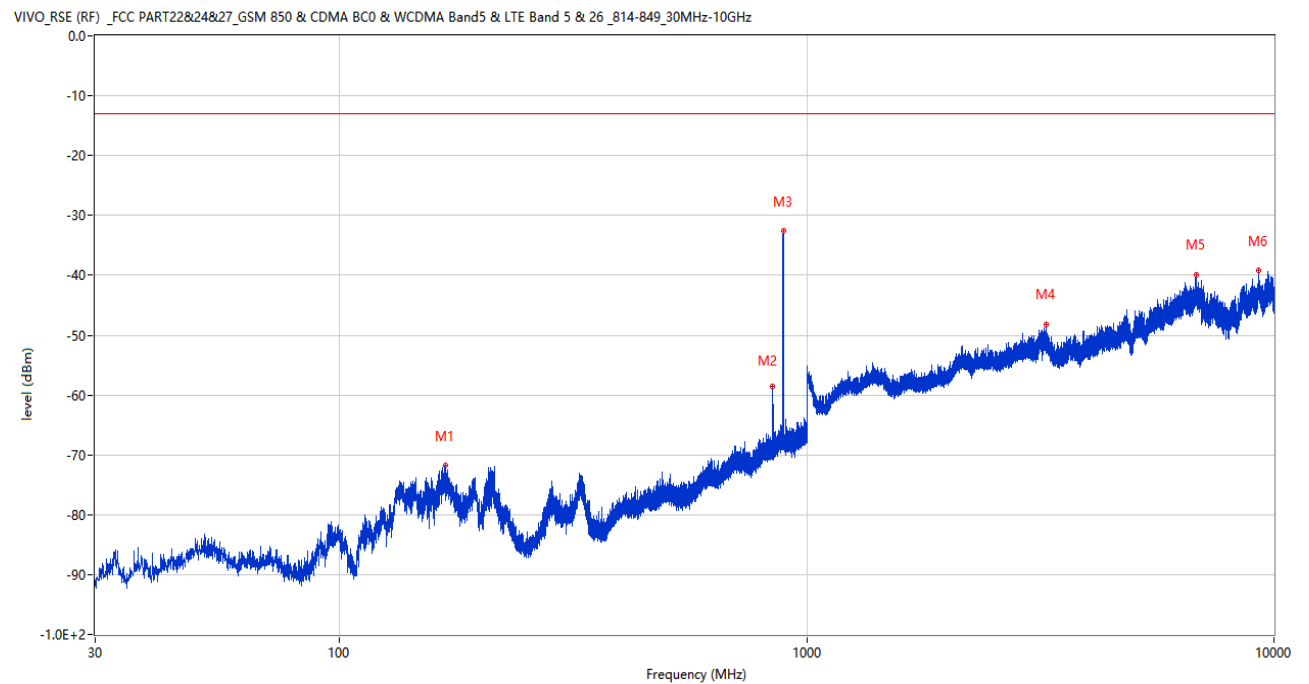
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.73	-15.66	-13.0	-58.73	346.00	Vertical	Horizontal	Pass
856.925	-61.81	2.35	-13.0	-48.81	64.00	Vertical	Horizontal	Pass
882.969	-33.60	2.78	-13.0	-20.60	32.00	Vertical	Horizontal	N/A
3282.600	-48.58	5.00	-13.0	-35.58	325.00	Vertical	Horizontal	Pass
6988.000	-39.77	13.67	-13.0	-26.77	50.00	Vertical	Horizontal	Pass
9272.500	-39.88	16.87	-13.0	-26.88	1.00	Vertical	Horizontal	Pass

7.3 WCDMA Band 5 High Channel

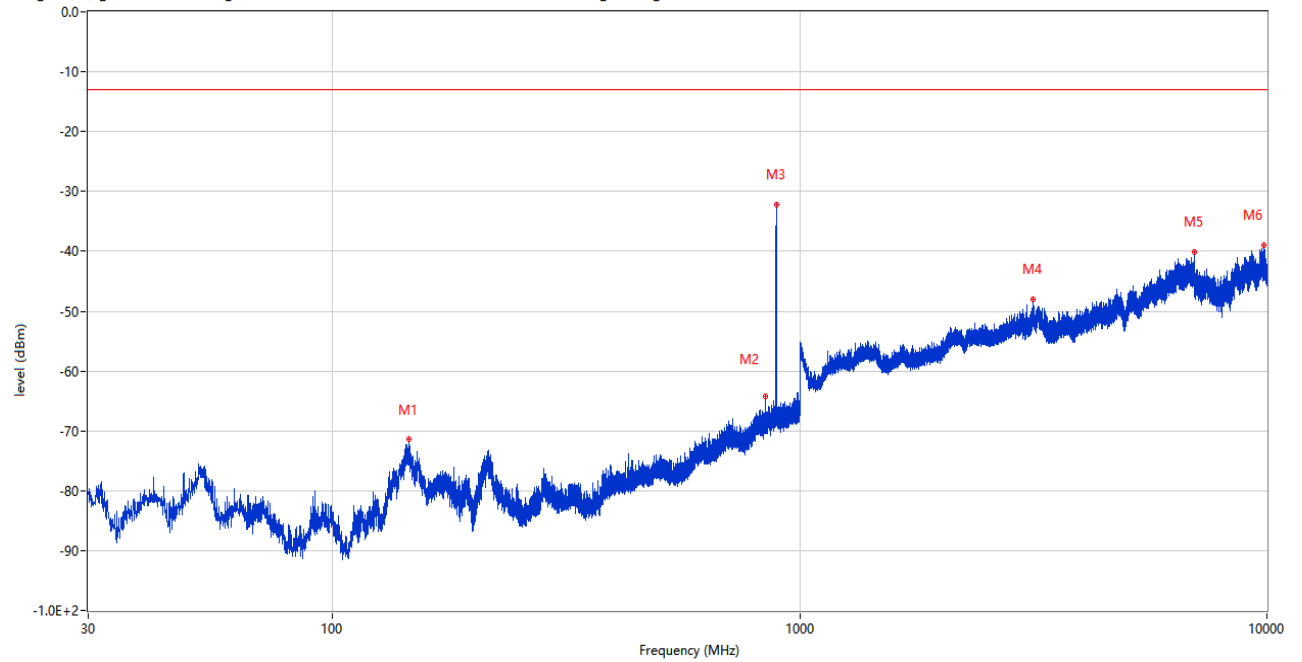
RSE-H&H WCDMA Band 5 CH4233



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
168.370	-71.72	-15.60	-13.0	-58.72	159.00	Horizontal	Horizontal	Pass
846.449	-58.61	2.28	-13.0	-45.61	287.00	Horizontal	Horizontal	N/A
890.293	-32.57	2.47	-13.0	-19.57	191.00	Horizontal	Horizontal	N/A
3249.400	-48.12	5.95	-13.0	-35.12	257.00	Horizontal	Horizontal	Pass
6809.600	-39.85	13.11	-13.0	-26.85	49.00	Horizontal	Horizontal	Pass
9288.250	-39.13	16.80	-13.0	-26.13	137.00	Horizontal	Horizontal	Pass

RSE-V&H WCDMA Band 5 CH4233

VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



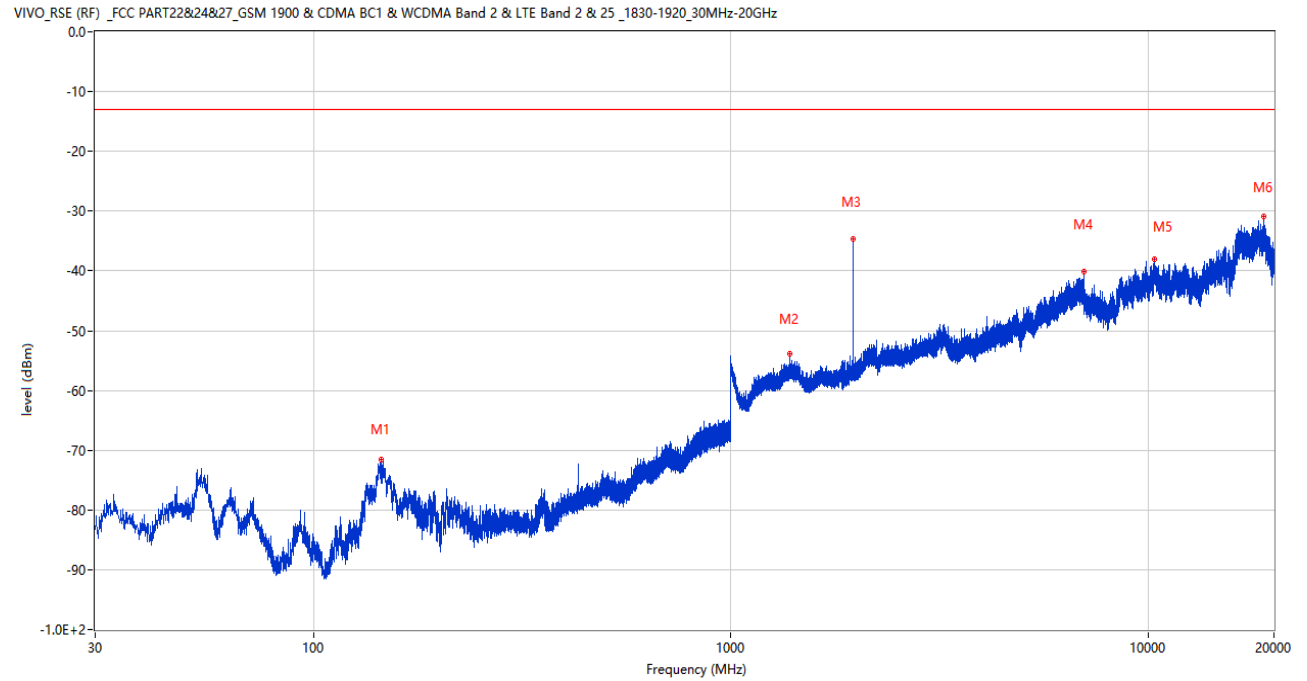
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.38	-15.66	-13.0	-58.38	318.00	Vertical	Horizontal	Pass
846.352	-64.27	2.27	-13.0	-51.27	192.00	Vertical	Horizontal	N/A
892.621	-32.30	2.52	-13.0	-19.30	65.00	Vertical	Horizontal	N/A
3153.200	-48.03	5.72	-13.0	-35.03	103.00	Vertical	Horizontal	Pass
6999.800	-40.13	13.91	-13.0	-27.13	224.00	Vertical	Horizontal	Pass
9848.950	-38.96	18.20	-13.0	-25.96	62.00	Vertical	Horizontal	Pass

LTE

8 LTE Band 2

8.1 LTE Band 2 BW1.4, Middle Channel

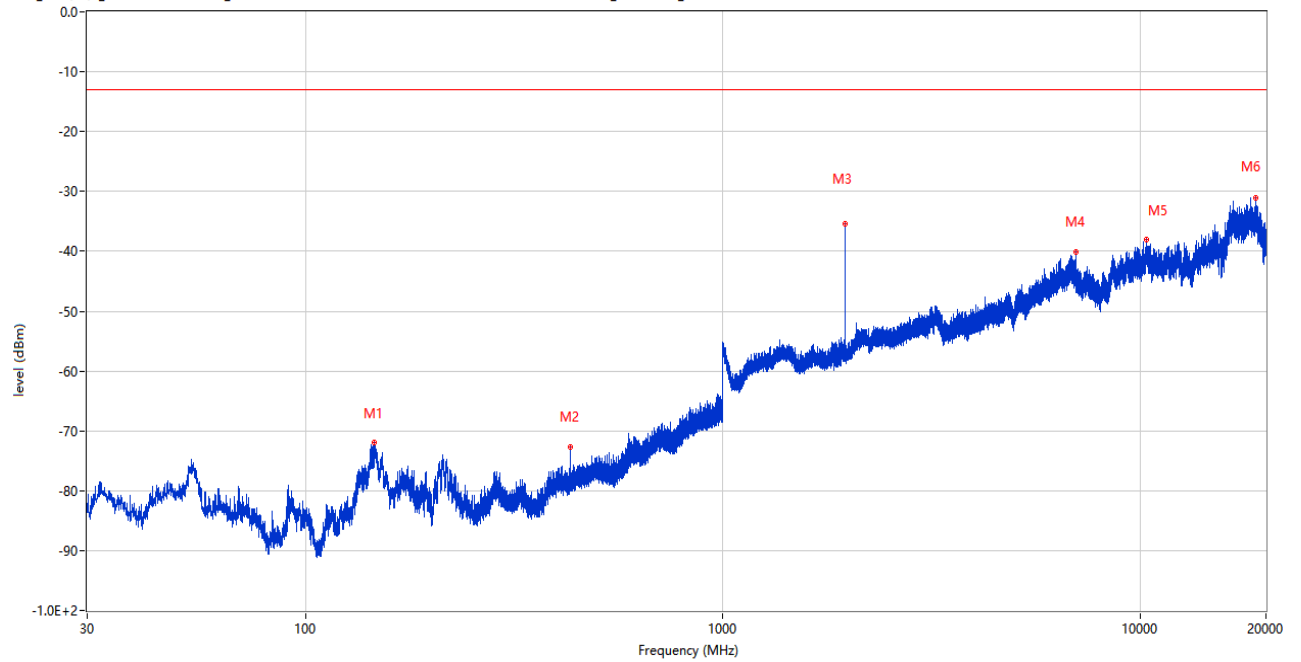
RSE-V&V LTE Band 2 BW1.4 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.47	-15.65	-13.0	-58.47	228.00	Vertical	Vertical	Pass
1383.000	-53.95	-3.49	-13.0	-40.95	93.00	Vertical	Vertical	Pass
1959.900	-34.74	-3.59	-13.0	-21.74	219.00	Vertical	Vertical	N/A
6996.200	-40.11	13.84	-13.0	-27.11	131.00	Vertical	Vertical	Pass
10335.287	-38.09	19.34	-13.0	-25.09	208.00	Vertical	Vertical	Pass
18923.375	-30.86	25.08	-13.0	-17.86	1.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW1.4 CH18900

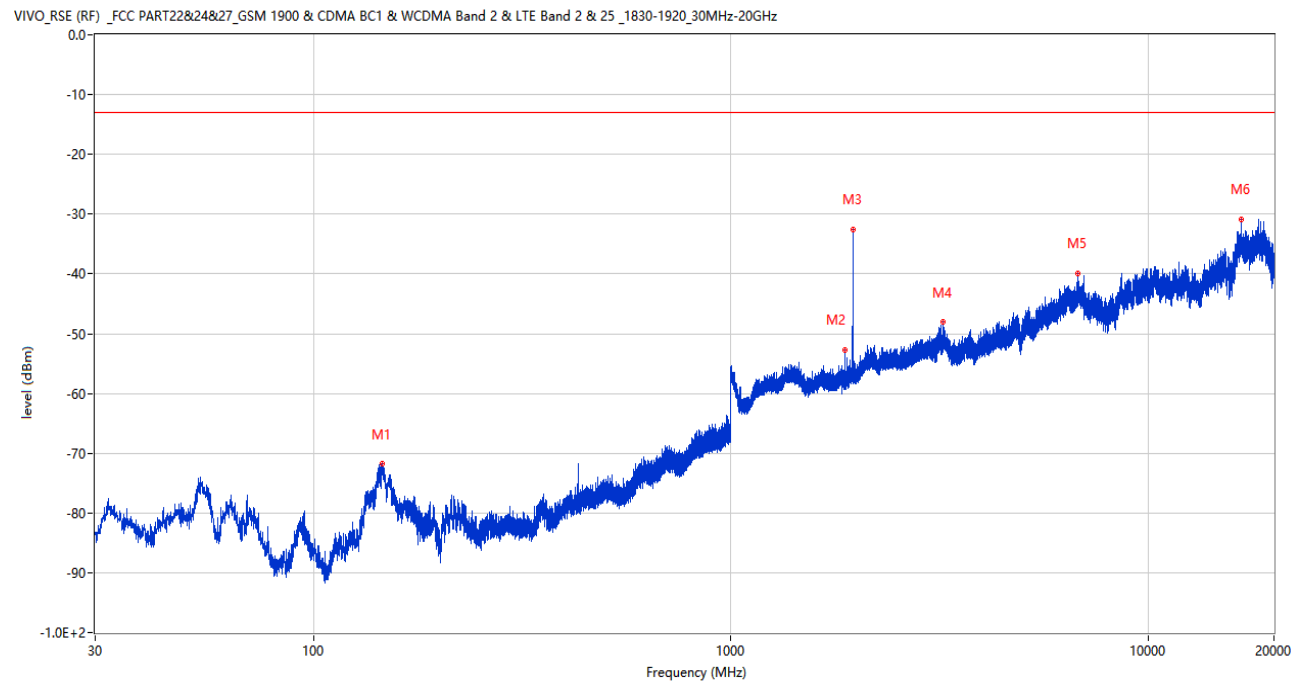
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.818	-72.00	-15.67	-13.0	-59.00	312.00	Vertical	Horizontal	Pass
429.979	-72.68	-8.70	-13.0	-59.68	248.00	Vertical	Horizontal	Pass
1960.100	-35.35	-3.59	-13.0	-22.35	120.00	Vertical	Horizontal	N/A
6998.400	-40.06	13.95	-13.0	-27.06	347.00	Vertical	Horizontal	Pass
10359.725	-38.11	19.05	-13.0	-25.11	90.00	Vertical	Horizontal	Pass
18942.587	-31.06	25.07	-13.0	-18.06	325.00	Vertical	Horizontal	Pass

8.2 LTE Band 2 BW3, Middle Channel

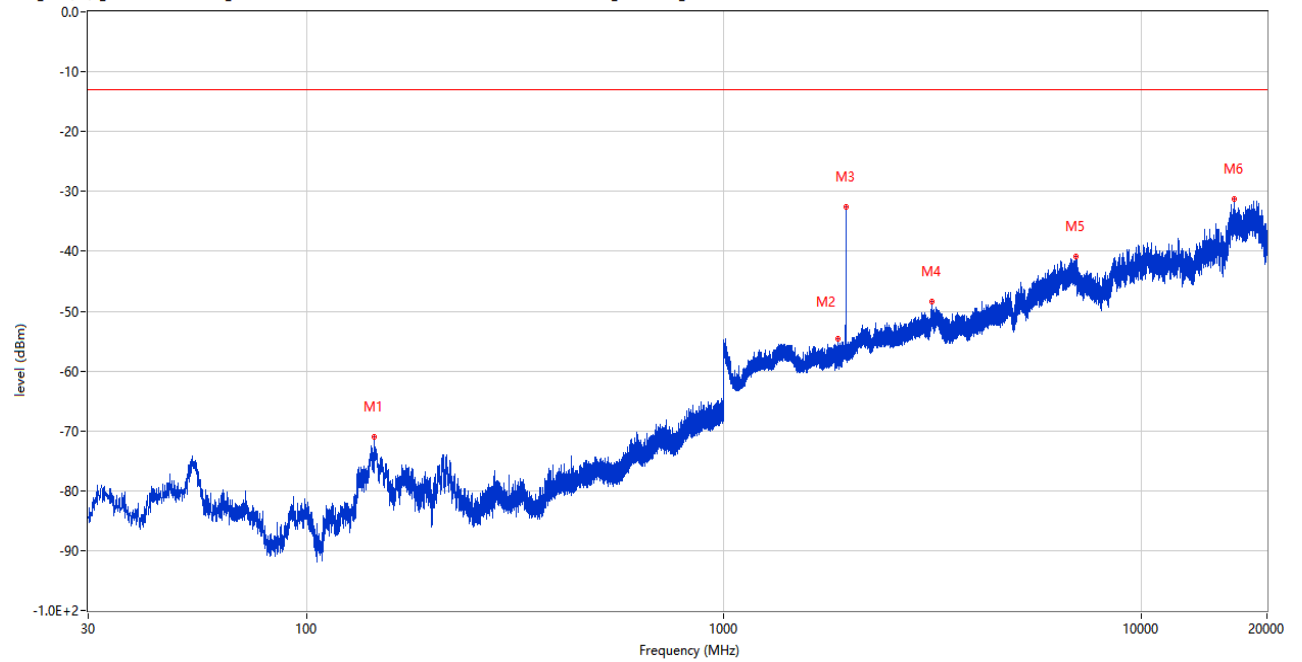
RSE-V&V LTE Band 2 BW3 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
146.206	-71.84	-15.69	-13.0	-58.84	330.00	Vertical	Vertical	Pass
1878.900	-52.76	-2.61	-13.0	-39.76	252.00	Vertical	Vertical	N/A
1960.700	-32.52	-3.62	-13.0	-19.52	107.00	Vertical	Vertical	N/A
3225.000	-48.05	6.26	-13.0	-35.05	232.00	Vertical	Vertical	Pass
6796.000	-39.95	13.08	-13.0	-26.95	144.00	Vertical	Vertical	Pass
16701.250	-30.85	26.12	-13.0	-17.85	256.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW3 CH18900

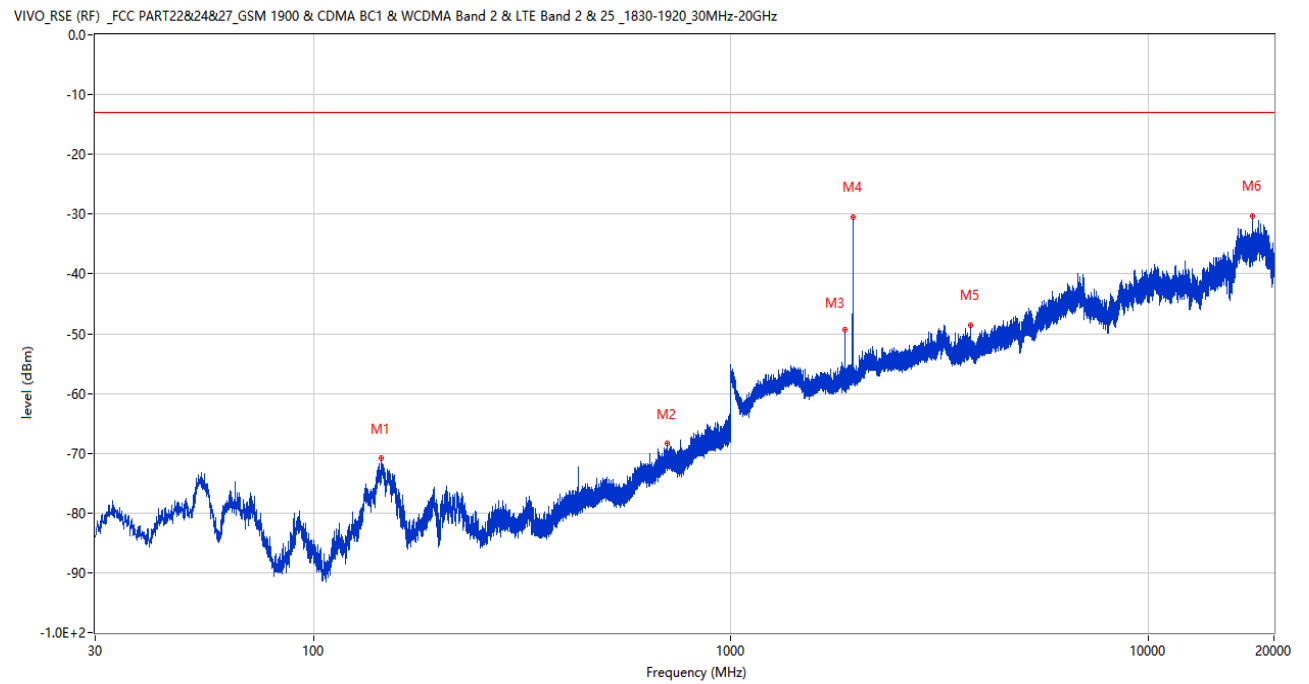
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.92	-15.66	-13.0	-57.92	324.00	Vertical	Horizontal	Pass
1880.600	-54.67	-2.59	-13.0	-41.67	200.00	Vertical	Horizontal	N/A
1959.500	-32.66	-3.57	-13.0	-19.66	128.00	Vertical	Horizontal	N/A
3153.400	-48.32	5.73	-13.0	-35.32	38.00	Vertical	Horizontal	Pass
6992.200	-40.94	13.92	-13.0	-27.94	216.00	Vertical	Horizontal	Pass
16712.488	-31.21	25.45	-13.0	-18.21	0.00	Vertical	Horizontal	Pass

8.3 LTE Band 2 BW5, Middle Channel

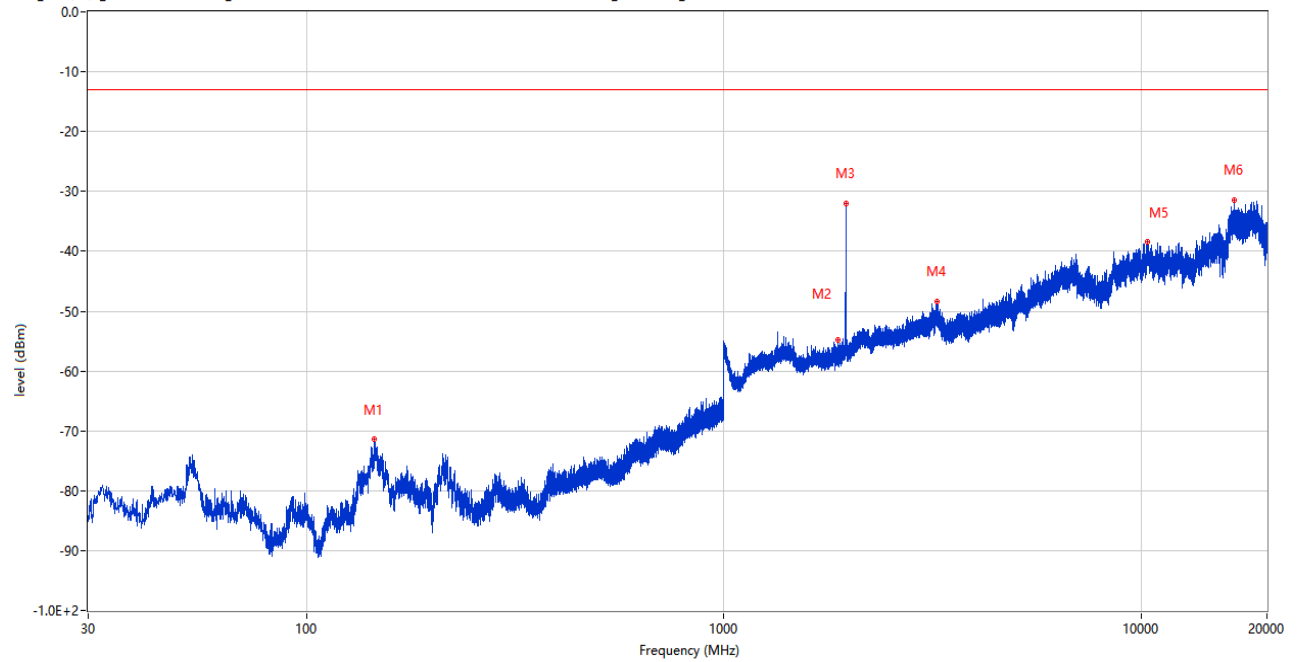
RSE-V&V LTE Band 2 BW5 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.90	-15.66	-13.0	-57.90	289.00	Vertical	Vertical	Pass
704.441	-68.36	-0.80	-13.0	-55.36	3.00	Vertical	Vertical	Pass
1878.000	-49.34	-2.62	-13.0	-36.34	347.00	Vertical	Vertical	N/A
1959.300	-30.58	-3.59	-13.0	-17.58	153.00	Vertical	Vertical	N/A
3755.800	-48.65	4.29	-13.0	-35.65	233.00	Vertical	Vertical	Pass
17766.638	-30.41	25.43	-13.0	-17.41	323.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW5 CH18900

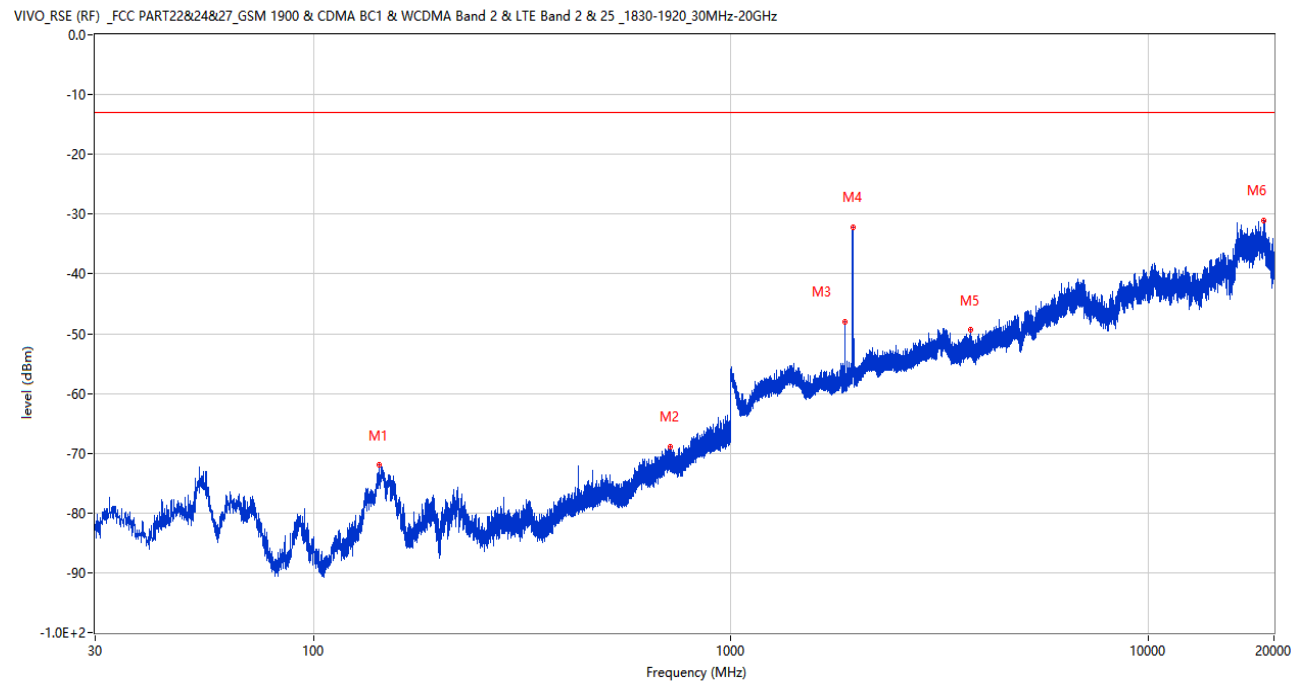
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.430	-71.45	-15.65	-13.0	-58.45	345.00	Vertical	Horizontal	Pass
1880.900	-54.82	-2.59	-13.0	-41.82	356.00	Vertical	Horizontal	N/A
1959.300	-32.10	-3.59	-13.0	-19.10	118.00	Vertical	Horizontal	N/A
3232.200	-48.42	6.81	-13.0	-35.42	75.00	Vertical	Horizontal	Pass
10358.575	-38.50	19.08	-13.0	-25.50	259.00	Vertical	Horizontal	Pass
16694.725	-31.43	26.25	-13.0	-18.43	157.00	Vertical	Horizontal	Pass

8.4 LTE Band 2 BW10, Middle Channel

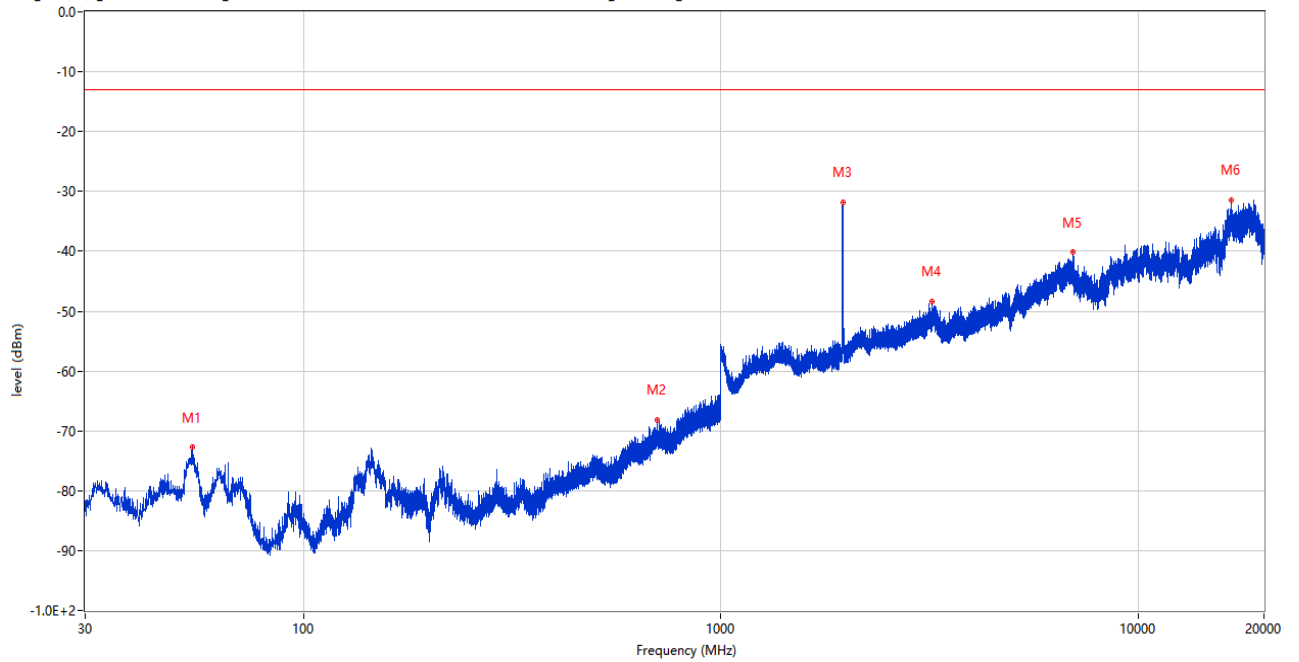
RSE-V&V LTE Band 2 BW10 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
143.490	-72.00	-15.77	-13.0	-59.00	263.00	Vertical	Vertical	Pass
716.663	-68.93	-0.90	-13.0	-55.93	360.00	Vertical	Vertical	Pass
1875.700	-48.01	-2.64	-13.0	-35.01	290.00	Vertical	Vertical	N/A
1958.100	-32.30	-3.68	-13.0	-19.30	122.00	Vertical	Vertical	N/A
3751.600	-49.41	4.24	-13.0	-36.41	298.00	Vertical	Vertical	Pass
18918.662	-31.14	25.08	-13.0	-18.14	3.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW10 CH18900

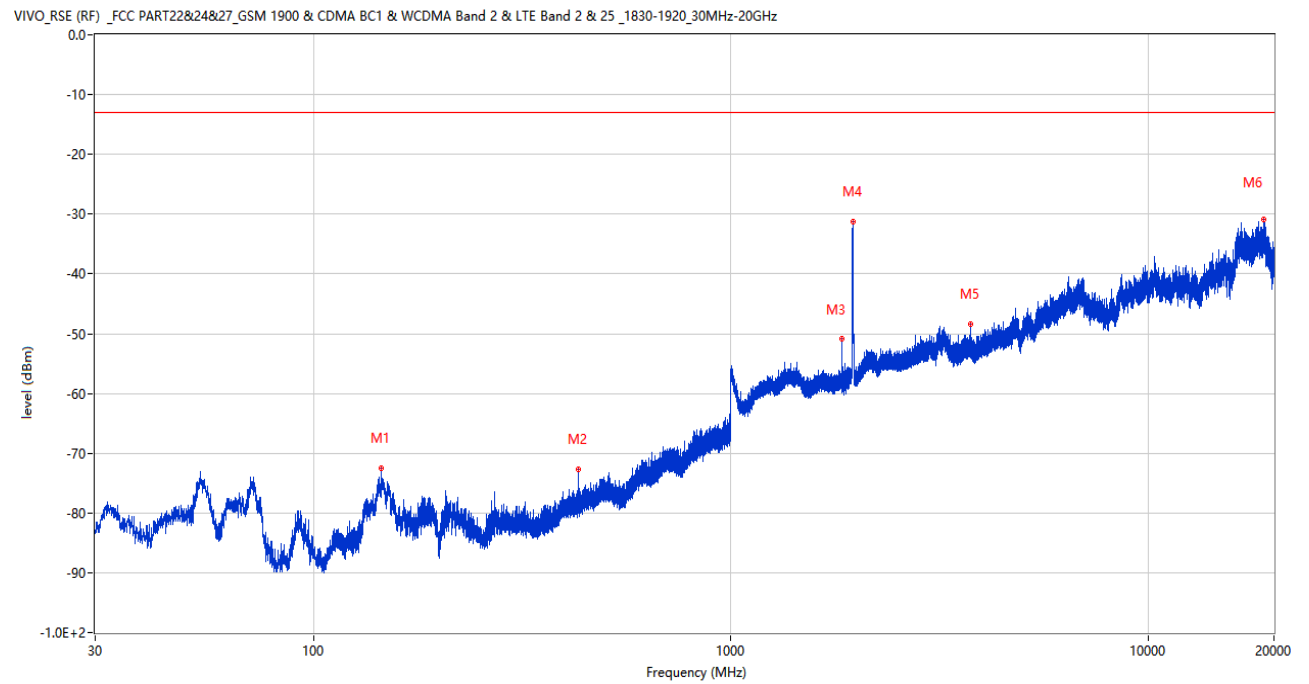
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
54.056	-72.75	-14.80	-13.0	-59.75	210.00	Vertical	Horizontal	Pass
702.453	-68.10	-0.76	-13.0	-55.10	360.00	Vertical	Horizontal	Pass
1962.100	-31.91	-3.66	-13.0	-18.91	111.00	Vertical	Horizontal	N/A
3205.000	-48.41	4.23	-13.0	-35.41	96.00	Vertical	Horizontal	Pass
6991.200	-40.20	13.91	-13.0	-27.20	210.00	Vertical	Horizontal	Pass
16719.375	-31.41	25.04	-13.0	-18.41	319.00	Vertical	Horizontal	Pass

8.5 LTE Band 2 BW15, Middle Channel

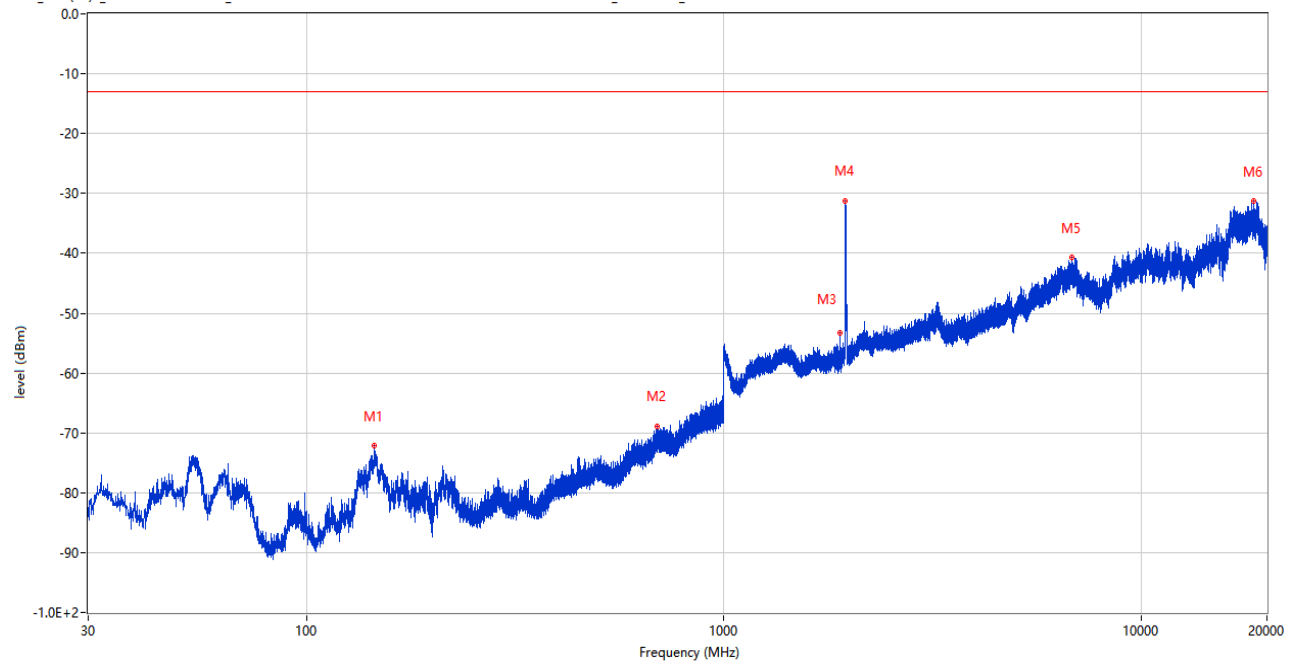
RSE-V&V LTE Band 2 BW15 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-72.43	-15.65	-13.0	-59.43	352.00	Vertical	Vertical	Pass
430.028	-72.64	-8.70	-13.0	-59.64	360.00	Vertical	Vertical	Pass
1846.700	-50.92	-2.90	-13.0	-37.92	250.00	Vertical	Vertical	N/A
1959.100	-31.34	-3.60	-13.0	-18.34	110.00	Vertical	Vertical	N/A
3747.000	-48.36	4.27	-13.0	-35.36	316.00	Vertical	Vertical	Pass
18936.426	-30.87	25.07	-13.0	-17.87	360.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW15 CH18900

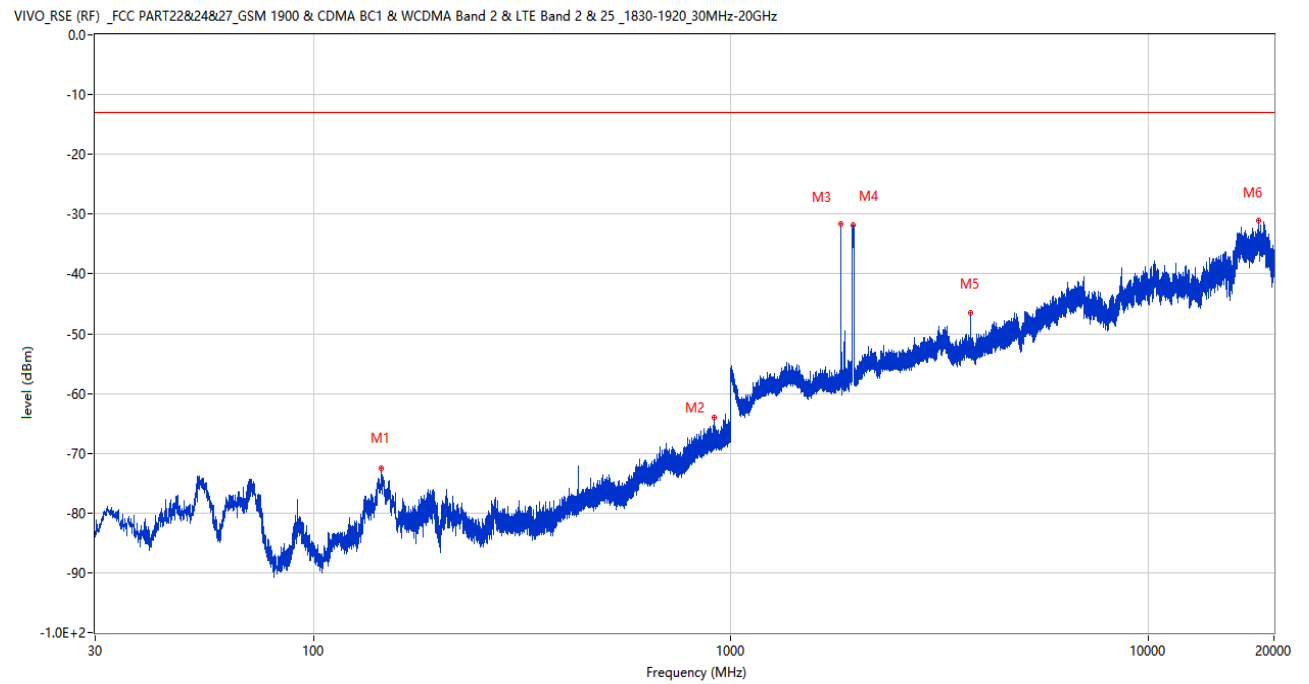
VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-72.18	-15.65	-13.0	-59.18	252.00	Vertical	Horizontal	Pass
692.413	-68.96	-1.22	-13.0	-55.96	8.00	Vertical	Horizontal	Pass
1899.500	-53.25	-2.41	-13.0	-40.25	39.00	Vertical	Horizontal	N/A
1955.400	-31.36	-3.84	-13.0	-18.36	142.00	Vertical	Horizontal	N/A
6802.200	-40.76	13.12	-13.0	-27.76	319.00	Vertical	Horizontal	Pass
18575.739	-31.26	25.27	-13.0	-18.26	321.00	Vertical	Horizontal	Pass

8.6 LTE Band 2 BW20, Middle Channel

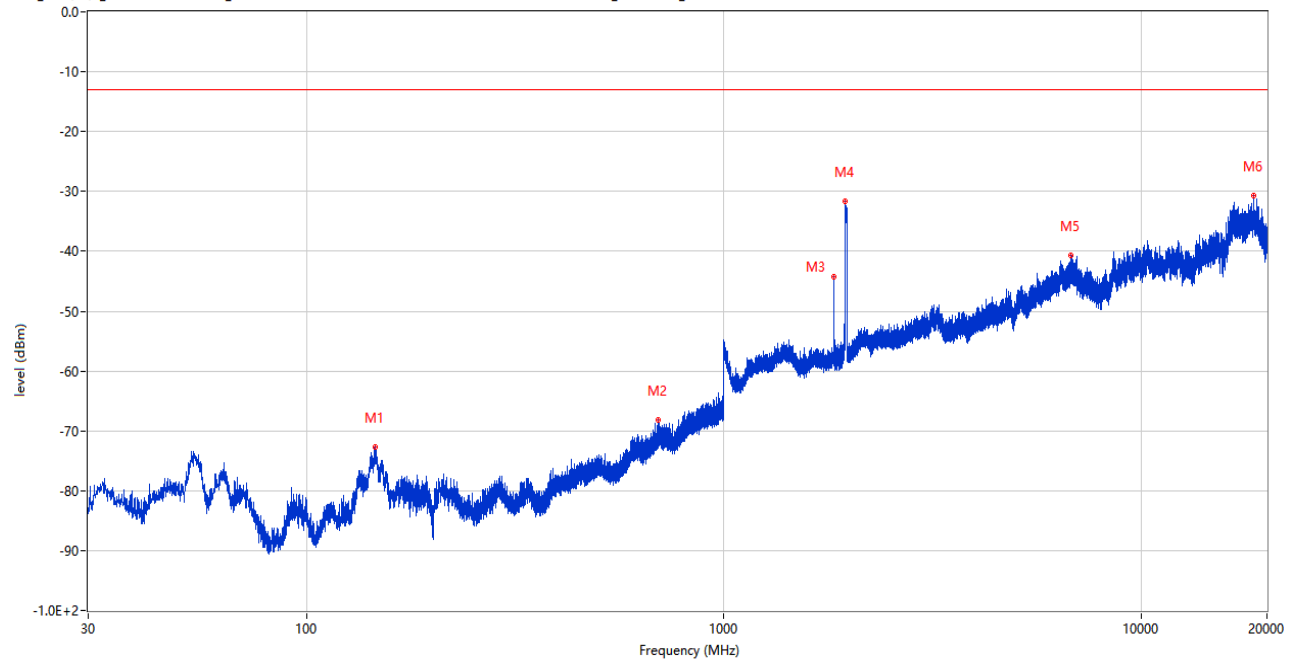
RSE-V&V LTE Band 2 BW20 CH18900



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.52	-15.66	-13.0	-59.52	0.00	Vertical	Vertical	Pass
911.487	-63.97	2.54	-13.0	-50.97	186.00	Vertical	Vertical	Pass
1835.900	-31.68	-3.84	-13.0	-18.68	74.00	Vertical	Vertical	N/A
1963.600	-31.84	-3.72	-13.0	-18.84	145.00	Vertical	Vertical	N/A
3742.200	-46.50	4.39	-13.0	-33.50	241.00	Vertical	Vertical	Pass
18371.650	-31.10	25.38	-13.0	-18.10	285.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 2 BW20 CH18900

VIVO_RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz

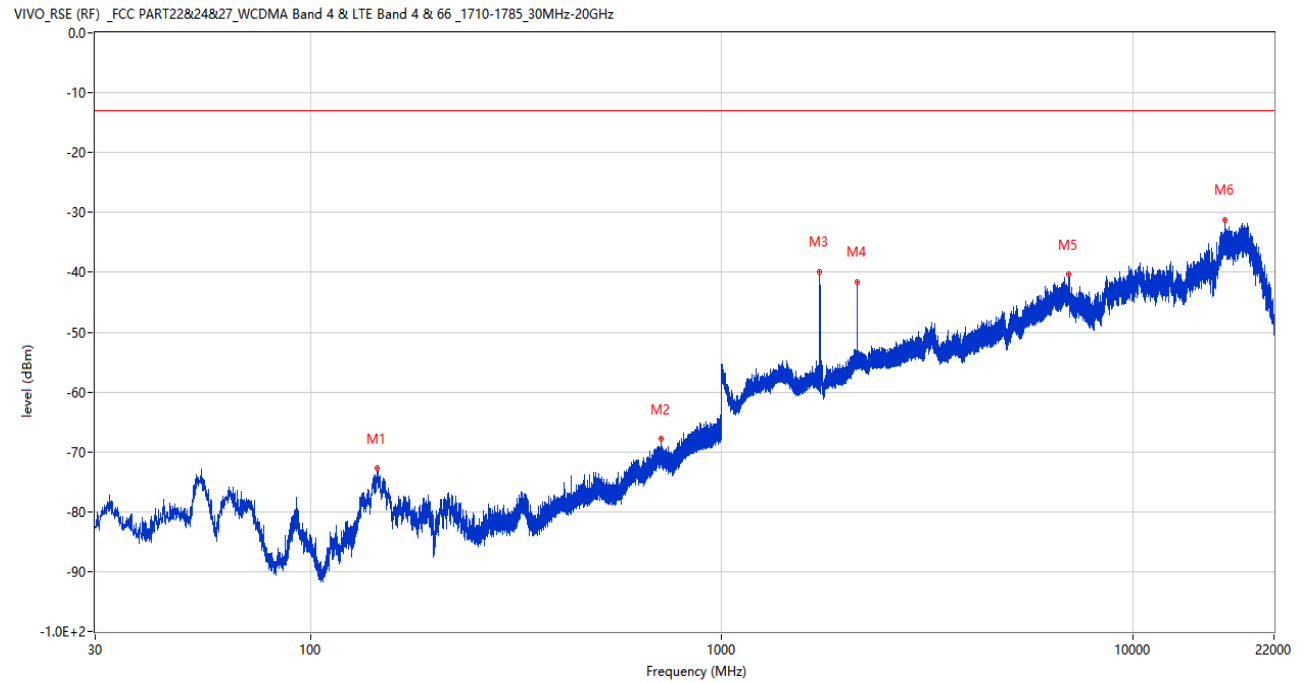


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.770	-72.76	-15.67	-13.0	-59.76	321.00	Vertical	Horizontal	Pass
696.778	-68.25	-0.88	-13.0	-55.25	360.00	Vertical	Horizontal	Pass
1835.700	-44.29	-3.85	-13.0	-31.29	2.00	Vertical	Horizontal	N/A
1954.900	-31.57	-3.84	-13.0	-18.57	109.00	Vertical	Horizontal	N/A
6766.400	-40.77	12.42	-13.0	-27.77	294.00	Vertical	Horizontal	Pass
18627.213	-30.61	25.24	-13.0	-17.61	290.00	Vertical	Horizontal	Pass

9 LTE Band 4

9.1 LTE Band 4 BW1.4, Middle Channel

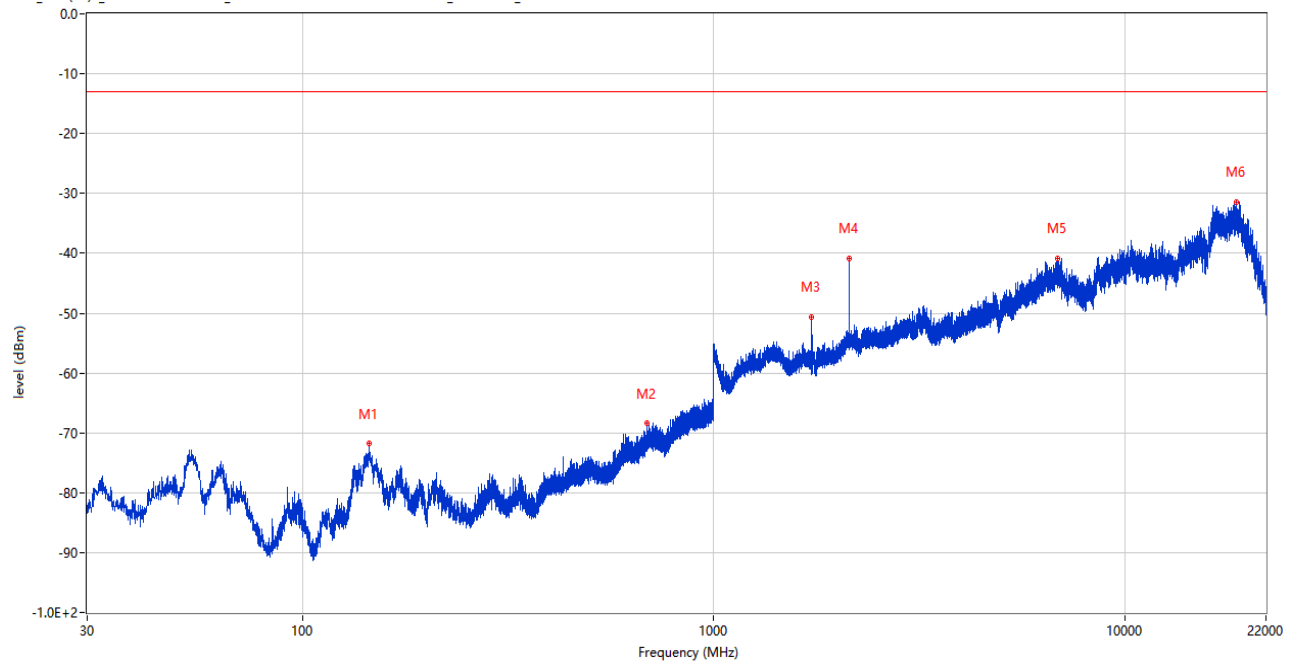
RSE-V&V LTE Band 4 BW1.4 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.672	-72.77	-15.61	-13.0	-59.77	360.00	Vertical	Vertical	Pass
712.153	-67.81	-0.80	-13.0	-54.81	323.00	Vertical	Vertical	Pass
1732.200	-39.99	-3.33	-13.0	-26.99	92.00	Vertical	Vertical	N/A
2132.800	-41.55	-1.19	-13.0	-28.55	92.00	Vertical	Vertical	N/A
6990.400	-40.35	13.85	-13.0	-27.35	279.00	Vertical	Vertical	Pass
16683.563	-31.29	26.39	-13.0	-18.29	360.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW1.4 CH20175

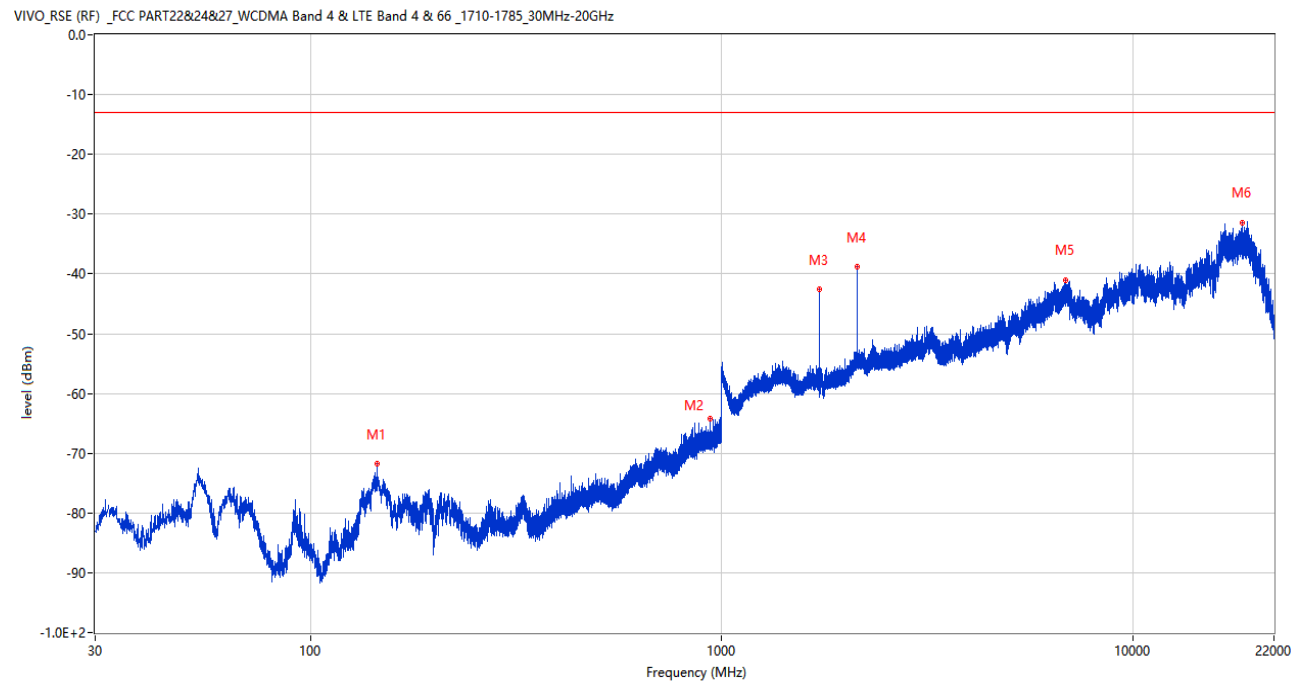
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.74	-15.59	-13.0	-58.74	300.00	Vertical	Horizontal	Pass
687.708	-68.34	-1.47	-13.0	-55.34	49.00	Vertical	Horizontal	Pass
1732.200	-50.70	-3.33	-13.0	-37.70	236.00	Vertical	Horizontal	N/A
2132.900	-40.82	-1.19	-13.0	-27.82	197.00	Vertical	Horizontal	N/A
6838.600	-40.93	12.45	-13.0	-27.93	82.00	Vertical	Horizontal	Pass
18642.250	-31.43	25.23	-13.0	-18.43	319.00	Vertical	Horizontal	Pass

9.2 LTE Band 4 BW3, Middle Channel

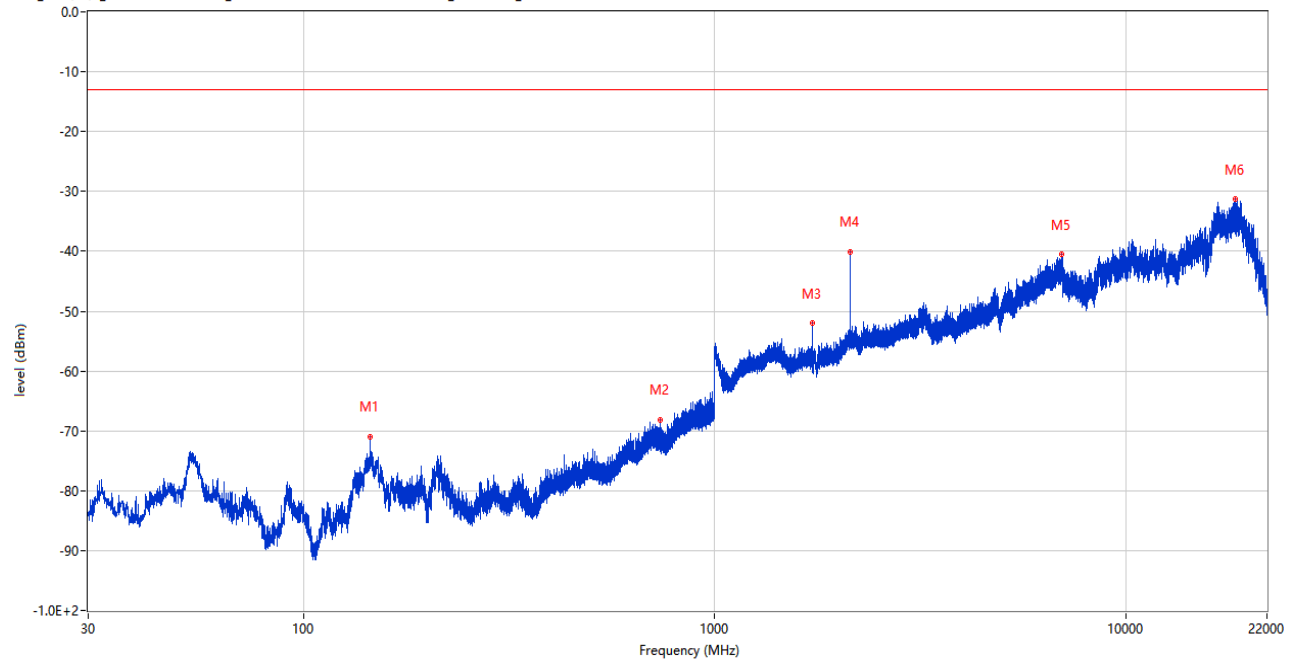
RSE-V&V LTE Band 4 BW3 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.83	-15.59	-13.0	-58.83	247.00	Vertical	Vertical	Pass
936.319	-64.14	2.54	-13.0	-51.14	282.00	Vertical	Vertical	Pass
1731.200	-42.61	-3.31	-13.0	-29.61	107.00	Vertical	Vertical	N/A
2132.200	-38.85	-1.20	-13.0	-25.85	208.00	Vertical	Vertical	N/A
6838.400	-41.00	12.46	-13.0	-28.00	119.00	Vertical	Vertical	Pass
18375.387	-31.51	25.38	-13.0	-18.51	169.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW3 CH20175

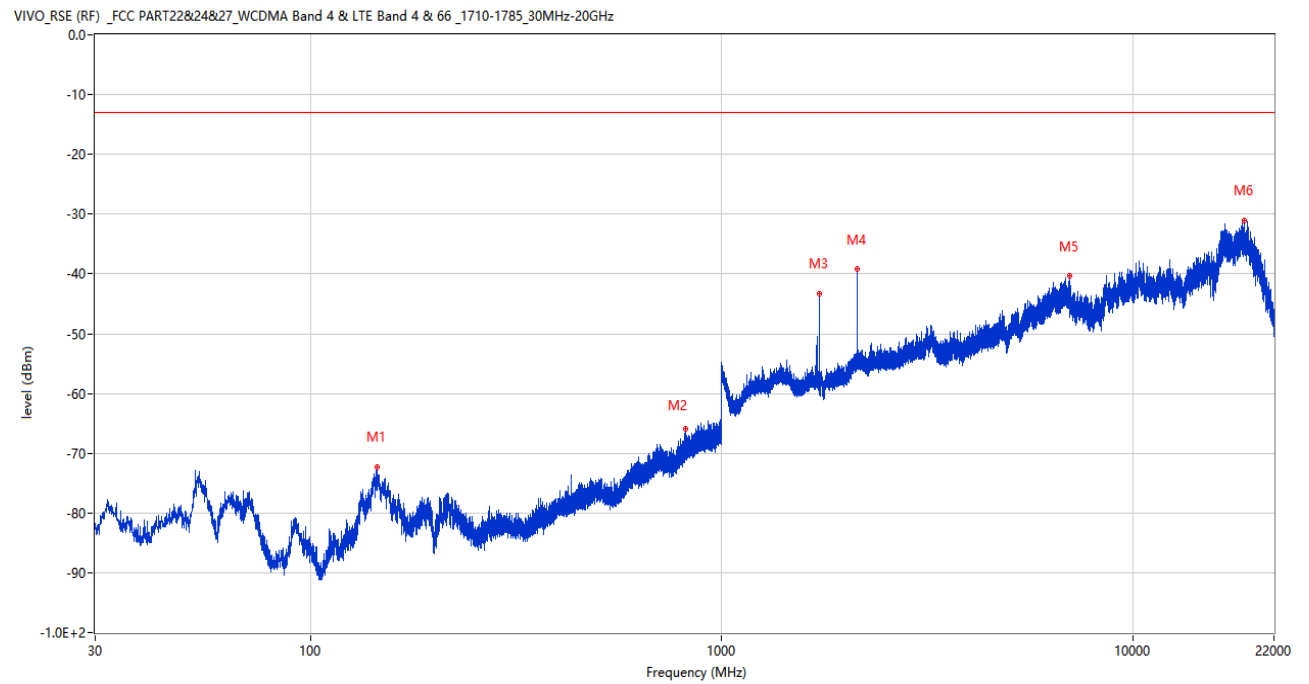
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-70.93	-15.59	-13.0	-57.93	338.00	Vertical	Horizontal	Pass
737.081	-68.25	-1.32	-13.0	-55.25	44.00	Vertical	Horizontal	Pass
1731.600	-51.92	-3.32	-13.0	-38.92	205.00	Vertical	Horizontal	N/A
2133.000	-40.18	-1.19	-13.0	-27.18	96.00	Vertical	Horizontal	N/A
6991.800	-40.41	13.92	-13.0	-27.41	224.00	Vertical	Horizontal	Pass
18377.239	-31.29	25.38	-13.0	-18.29	229.00	Vertical	Horizontal	Pass

9.3 LTE Band 4 BW5, Middle Channel

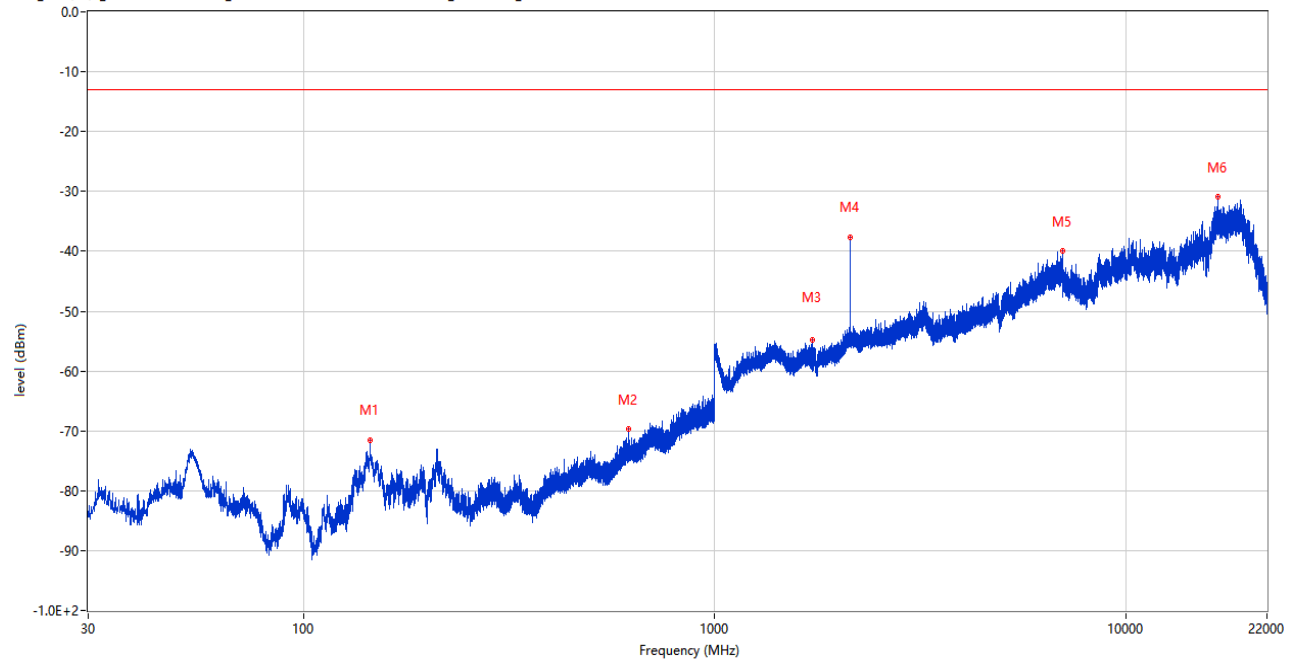
RSE-V&V LTE Band 4 BW5 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.27	-15.60	-13.0	-59.27	344.00	Vertical	Vertical	Pass
818.125	-65.83	0.89	-13.0	-52.83	360.00	Vertical	Vertical	Pass
1730.500	-43.41	-3.30	-13.0	-30.41	57.00	Vertical	Vertical	N/A
2134.100	-39.12	-1.18	-13.0	-26.12	169.00	Vertical	Vertical	N/A
6995.800	-40.33	13.81	-13.0	-27.33	61.00	Vertical	Vertical	Pass
18618.200	-31.08	25.25	-13.0	-18.08	360.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW5 CH20175

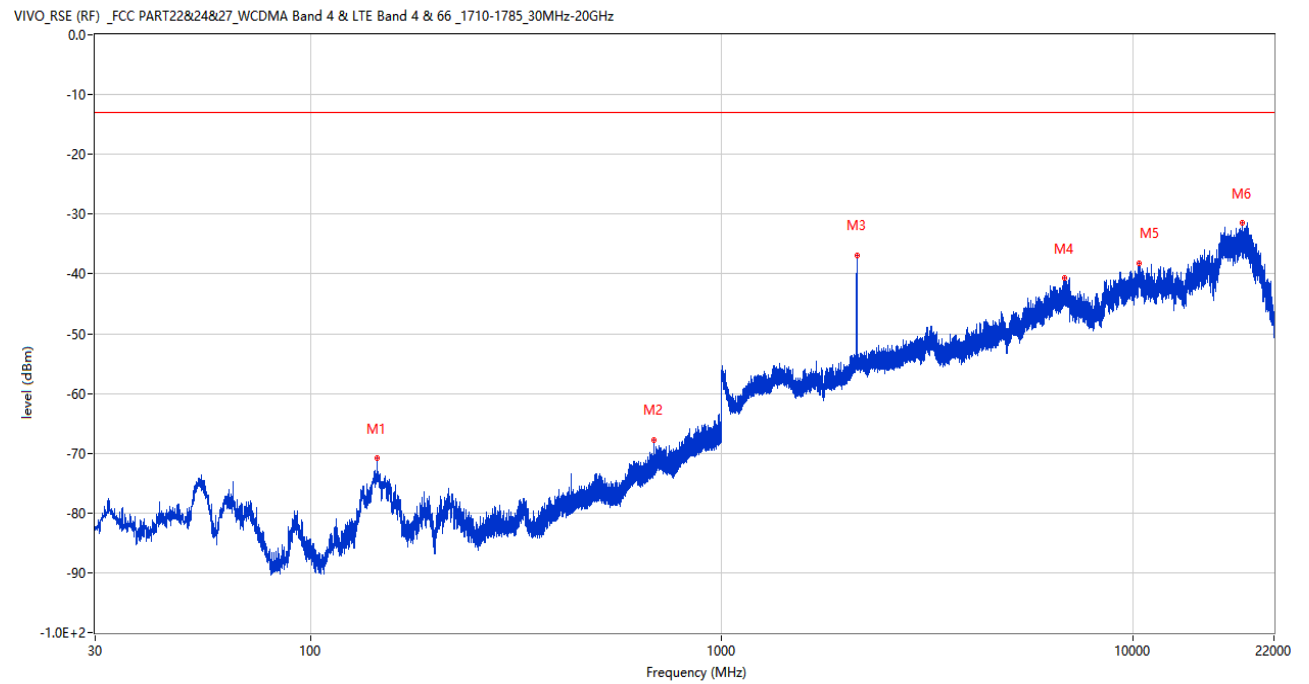
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.55	-15.60	-13.0	-58.55	243.00	Vertical	Horizontal	Pass
617.432	-69.70	-3.08	-13.0	-56.70	94.00	Vertical	Horizontal	Pass
1730.500	-54.86	-3.30	-13.0	-41.86	341.00	Vertical	Horizontal	N/A
2133.700	-37.67	-1.18	-13.0	-24.67	191.00	Vertical	Horizontal	N/A
6997.800	-39.90	13.96	-13.0	-26.90	295.00	Vertical	Horizontal	Pass
16692.813	-30.94	26.28	-13.0	-17.94	276.00	Vertical	Horizontal	Pass

9.4 LTE Band 4 BW10, Middle Channel

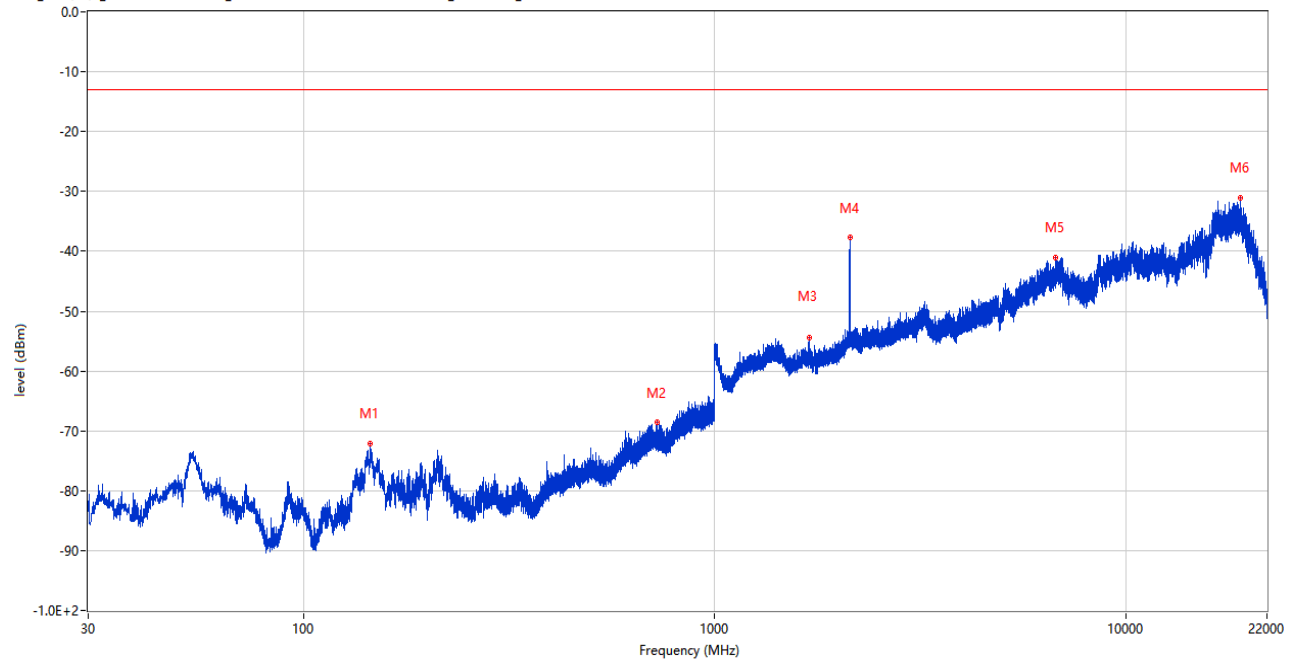
RSE-V&V LTE Band 4 BW10 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-70.77	-15.59	-13.0	-57.77	232.00	Vertical	Vertical	Pass
685.769	-67.75	-1.54	-13.0	-54.75	194.00	Vertical	Vertical	Pass
2131.100	-37.00	-1.17	-13.0	-24.00	164.00	Vertical	Vertical	N/A
6810.000	-40.71	13.14	-13.0	-27.71	26.00	Vertical	Vertical	Pass
10369.500	-38.22	19.04	-13.0	-25.22	193.00	Vertical	Vertical	Pass
18376.313	-31.44	25.38	-13.0	-18.44	307.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW10 CH20175

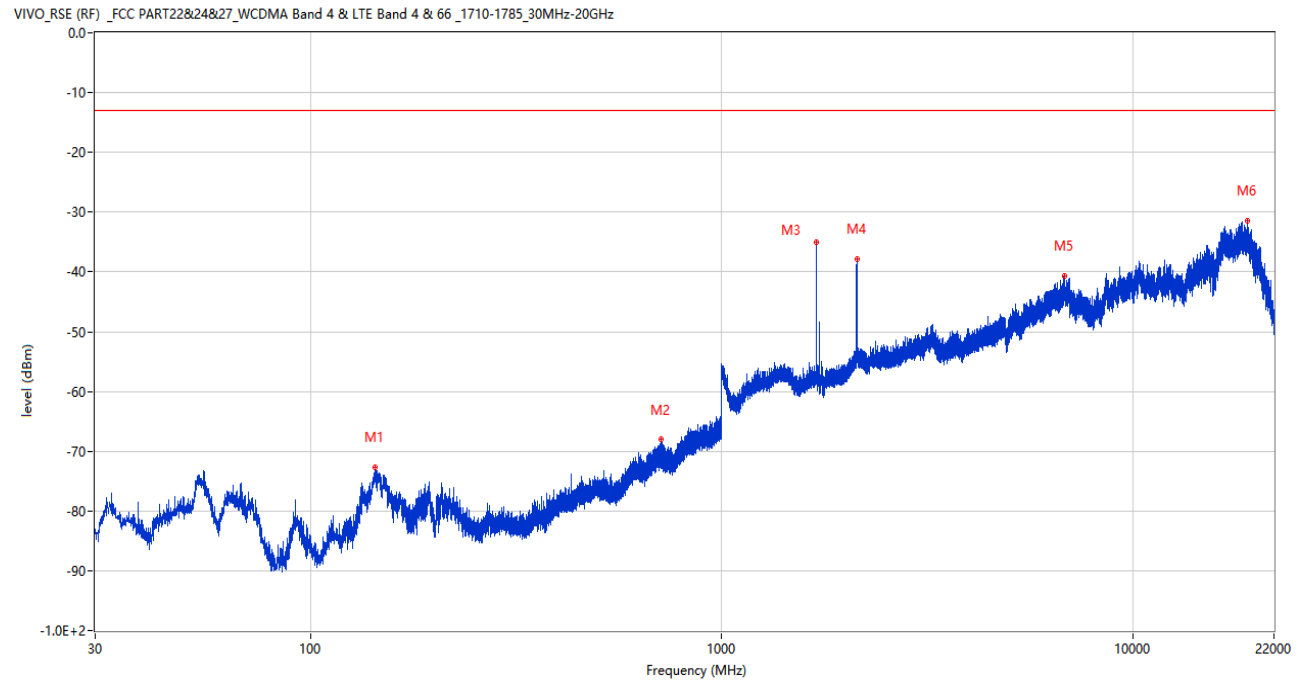
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.16	-15.60	-13.0	-59.16	316.00	Vertical	Horizontal	Pass
723.841	-68.57	-1.17	-13.0	-55.57	278.00	Vertical	Horizontal	Pass
1701.000	-54.38	-3.44	-13.0	-41.38	8.00	Vertical	Horizontal	Pass
2133.500	-37.62	-1.18	-13.0	-24.62	195.00	Vertical	Horizontal	N/A
6744.600	-41.05	11.91	-13.0	-28.05	170.00	Vertical	Horizontal	Pass
18936.863	-31.14	25.07	-13.0	-18.14	0.00	Vertical	Horizontal	Pass

9.5 LTE Band 4 BW15, Middle Channel

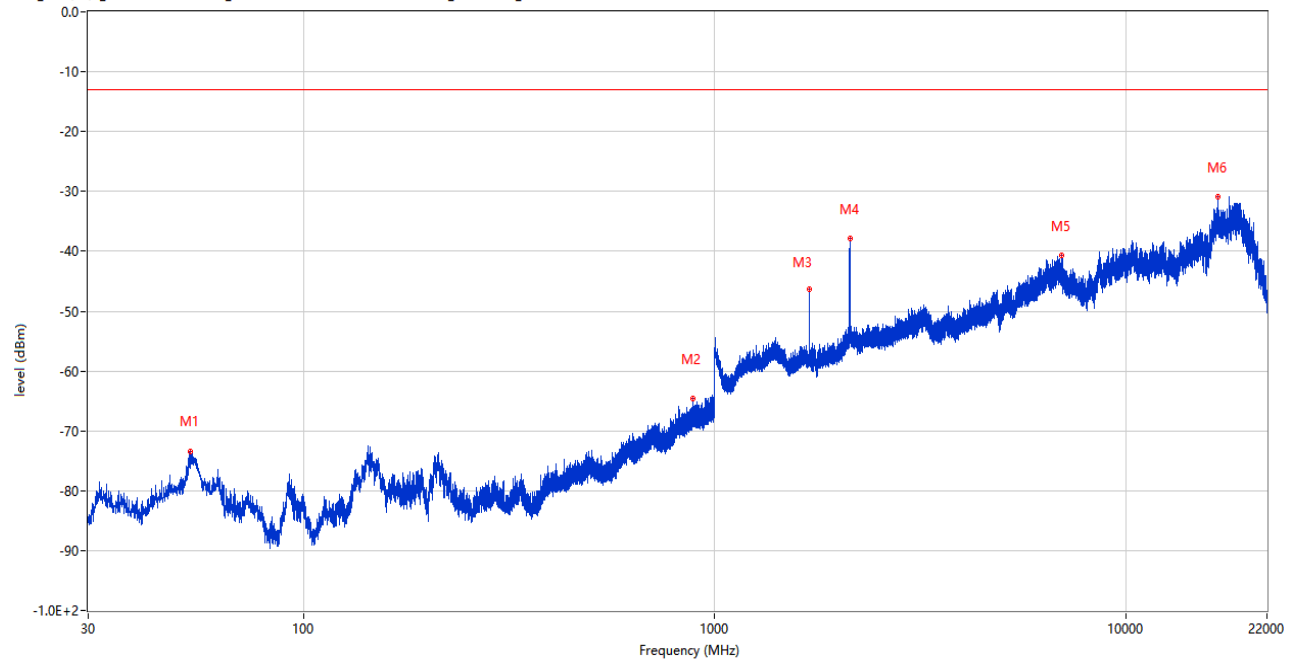
RSE-V&V LTE Band 4 BW15 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
143.830	-72.70	-15.72	-13.0	-59.70	197.00	Vertical	Vertical	Pass
711.522	-68.00	-0.80	-13.0	-55.00	0.00	Vertical	Vertical	Pass
1699.500	-34.96	-3.86	-13.0	-21.96	125.00	Vertical	Vertical	N/A
2136.000	-37.91	-1.22	-13.0	-24.91	125.00	Vertical	Vertical	N/A
6814.600	-40.70	13.12	-13.0	-27.70	83.00	Vertical	Vertical	Pass
18938.249	-31.53	25.07	-13.0	-18.53	39.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW15 CH20175

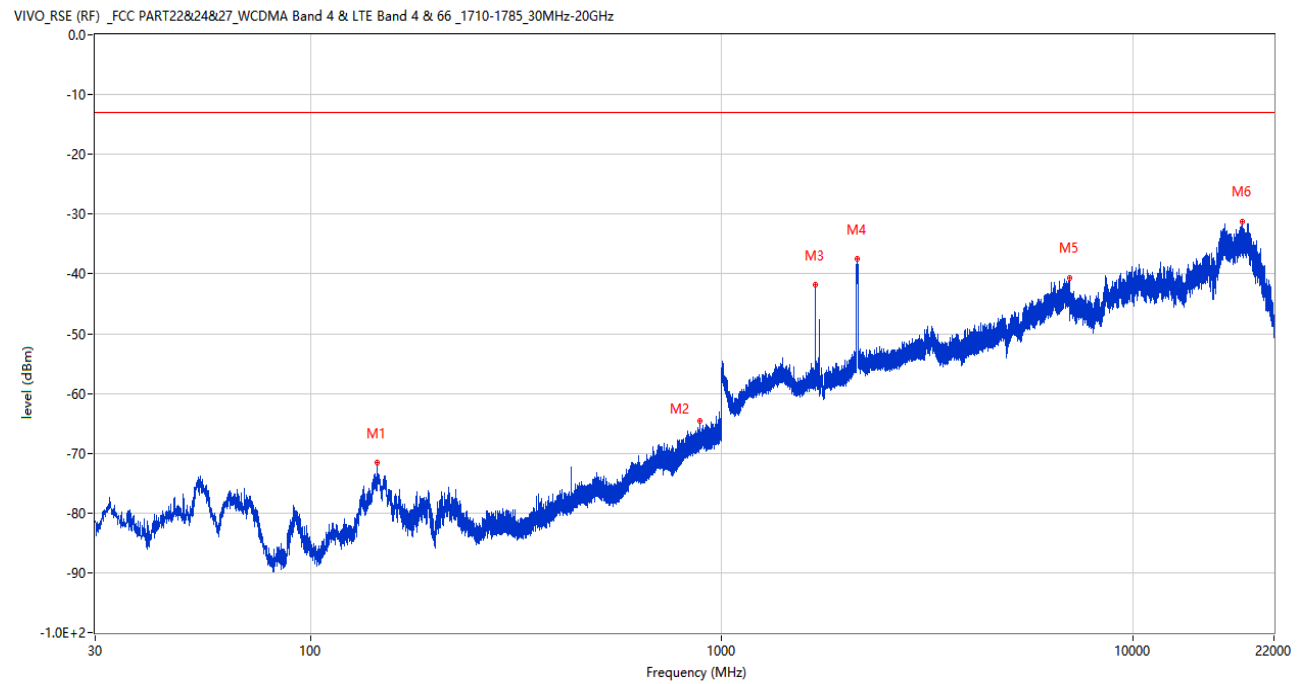
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
53.086	-73.36	-14.98	-13.0	-60.36	158.00	Vertical	Horizontal	Pass
883.551	-64.66	2.45	-13.0	-51.66	195.00	Vertical	Horizontal	Pass
1699.400	-46.30	-3.88	-13.0	-33.30	2.00	Vertical	Horizontal	N/A
2137.800	-37.77	-1.13	-13.0	-24.77	161.00	Vertical	Horizontal	N/A
6989.200	-40.74	13.75	-13.0	-27.74	360.00	Vertical	Horizontal	Pass
16702.988	-30.93	26.01	-13.0	-17.93	116.00	Vertical	Horizontal	Pass

9.6 LTE Band 4 BW20, Middle Channel

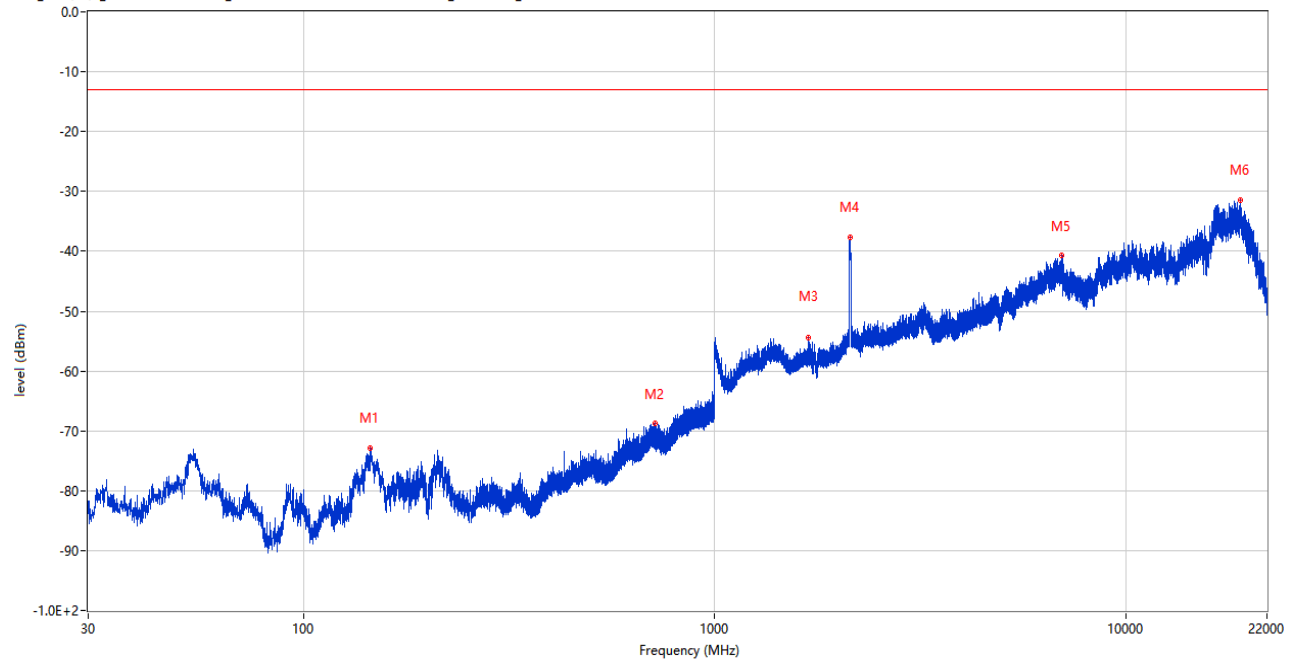
RSE-V&V LTE Band 4 BW20 CH20175



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.60	-15.60	-13.0	-58.60	347.00	Vertical	Vertical	Pass
886.073	-64.66	2.47	-13.0	-51.66	241.00	Vertical	Vertical	Pass
1688.300	-41.89	-4.25	-13.0	-28.89	81.00	Vertical	Vertical	N/A
2137.100	-37.52	-1.16	-13.0	-24.52	81.00	Vertical	Vertical	N/A
6998.800	-40.70	13.94	-13.0	-27.70	68.00	Vertical	Vertical	Pass
18377.699	-31.35	25.38	-13.0	-18.35	86.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 4 BW20 CH20175

VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz

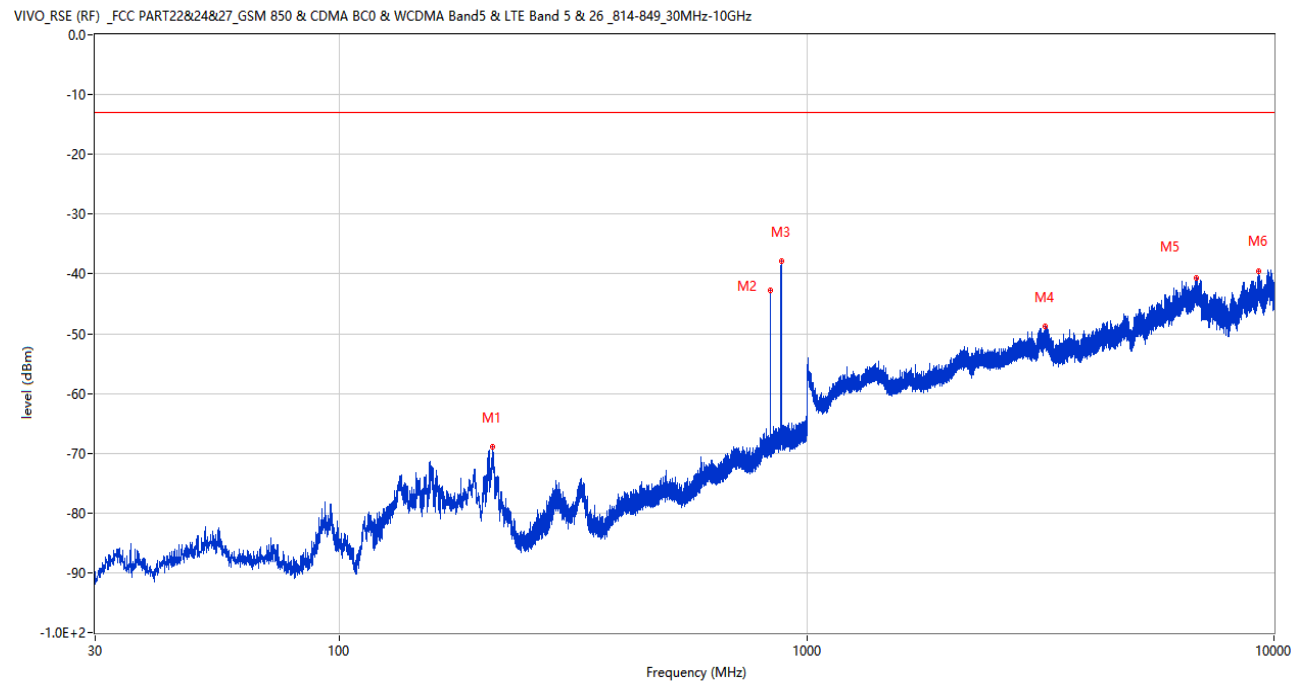


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-72.86	-15.59	-13.0	-59.86	3.00	Vertical	Horizontal	Pass
717.876	-68.65	-0.89	-13.0	-55.65	3.00	Vertical	Horizontal	Pass
1688.200	-54.38	-4.26	-13.0	-41.38	85.00	Vertical	Horizontal	N/A
2130.600	-37.59	-1.14	-13.0	-24.59	202.00	Vertical	Horizontal	N/A
6987.600	-40.75	13.64	-13.0	-27.75	165.00	Vertical	Horizontal	Pass
18928.075	-31.44	25.08	-13.0	-18.44	234.00	Vertical	Horizontal	Pass

10 LTE Band 5

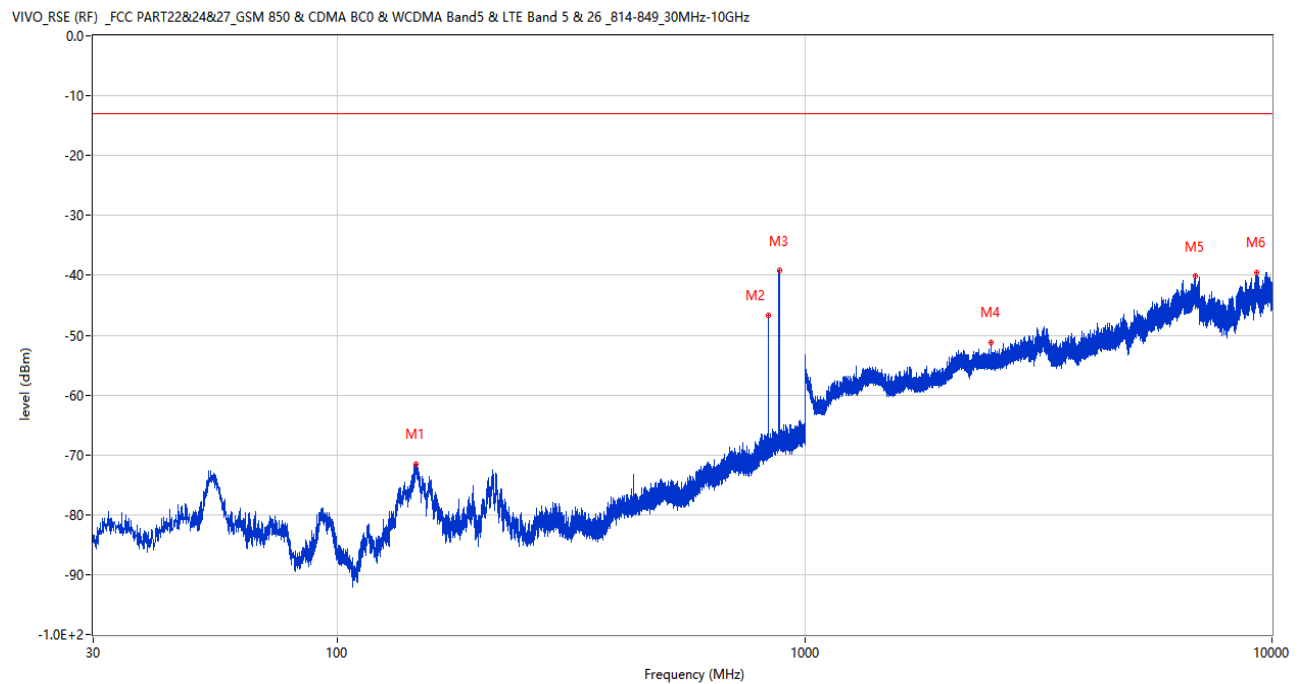
10.1 LTE Band 5 BW1.4, Middle Channel

RSE-H&H LTE Band 5 BW1.4 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
213.039	-69.01	-15.37	-13.0	-56.01	281.00	Horizontal	Horizontal	Pass
836.119	-42.73	2.17	-13.0	-29.73	352.00	Horizontal	Horizontal	N/A
881.563	-37.76	2.73	-13.0	-24.76	360.00	Horizontal	Horizontal	N/A
3236.800	-48.83	6.55	-13.0	-35.83	133.00	Horizontal	Horizontal	Pass
6821.600	-40.72	13.08	-13.0	-27.72	112.00	Horizontal	Horizontal	Pass
9290.500	-39.57	16.83	-13.0	-26.57	18.00	Horizontal	Horizontal	Pass

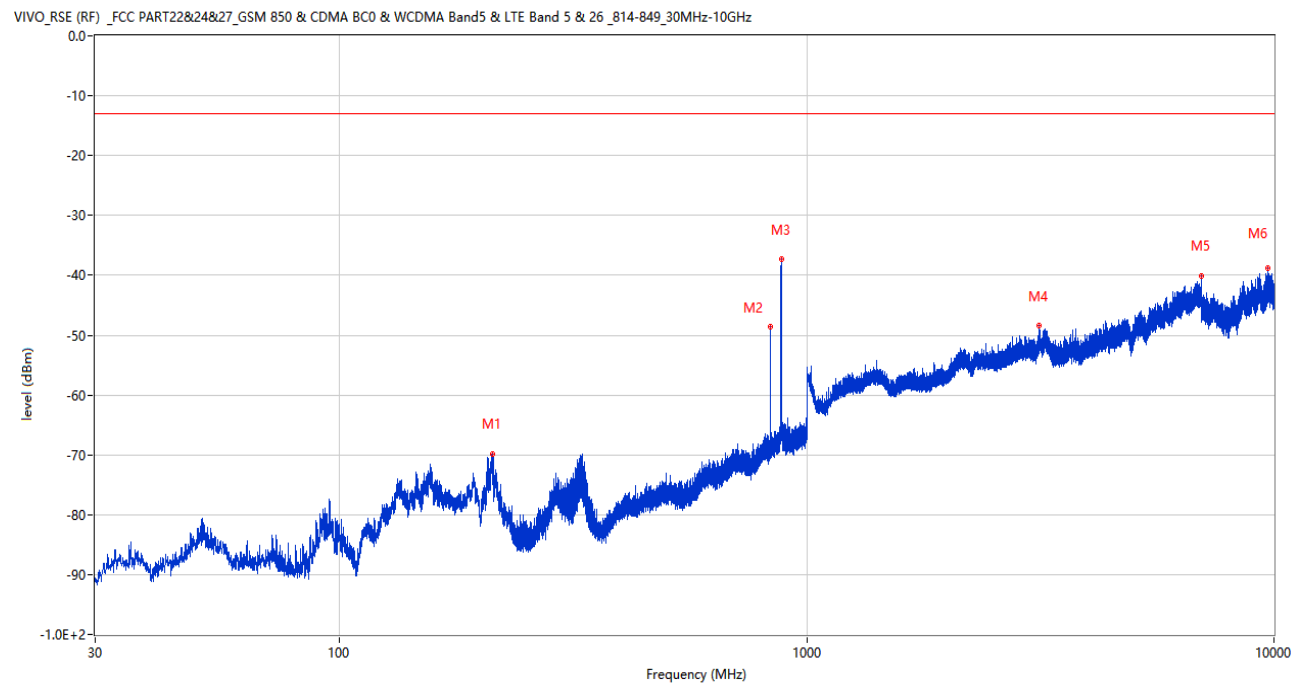
RSE-V&H LTE Band 5 BW1.4 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
147.176	-71.52	-15.80	-13.0	-58.52	356.00	Vertical	Horizontal	Pass
836.022	-46.75	2.17	-13.0	-33.75	279.00	Vertical	Horizontal	N/A
881.466	-39.20	2.72	-13.0	-26.20	86.00	Vertical	Horizontal	N/A
2508.300	-51.31	0.00	-13.0	-38.31	291.00	Vertical	Horizontal	Pass
6845.600	-40.05	12.53	-13.0	-27.05	195.00	Vertical	Horizontal	Pass
9271.750	-39.62	16.88	-13.0	-26.62	2.00	Vertical	Horizontal	Pass

10.2 LTE Band 5 BW3, Middle Channel

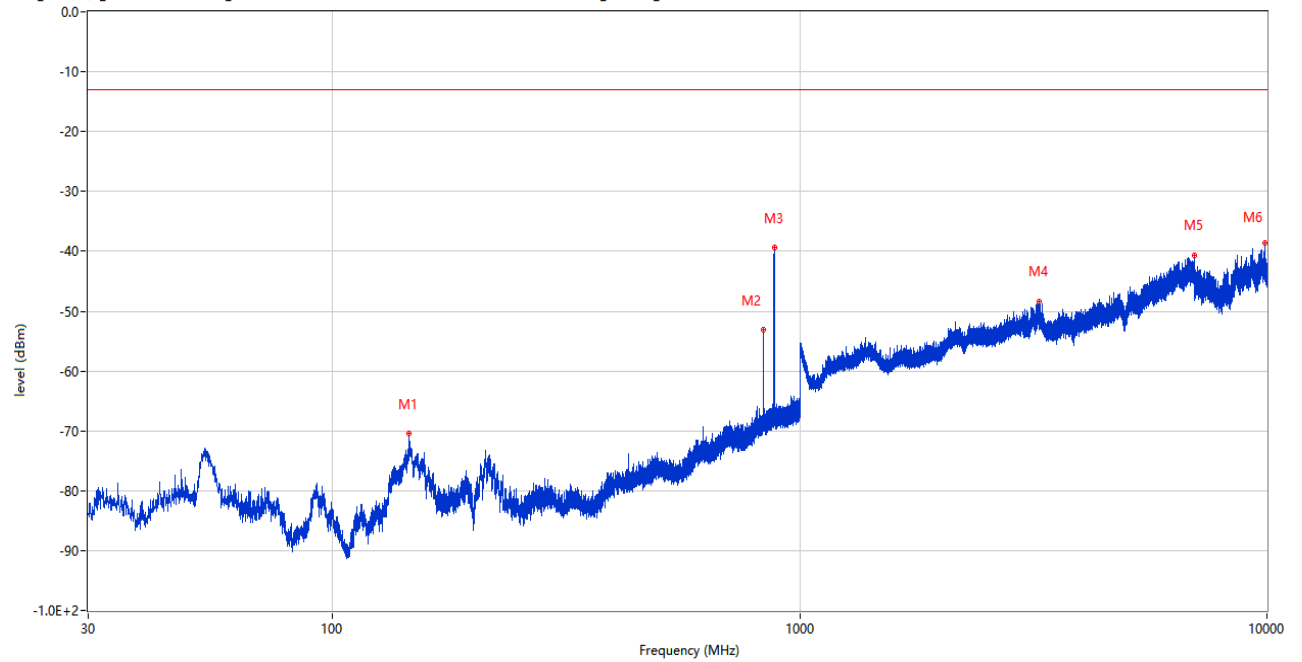
RSE-H&H LTE Band 5 BW3 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
212.069	-69.90	-15.42	-13.0	-56.90	290.00	Horizontal	Horizontal	Pass
835.294	-48.61	2.16	-13.0	-35.61	330.00	Horizontal	Horizontal	N/A
881.854	-37.32	2.76	-13.0	-24.32	360.00	Horizontal	Horizontal	N/A
3140.800	-48.48	4.87	-13.0	-35.48	27.00	Horizontal	Horizontal	Pass
6988.800	-40.02	13.72	-13.0	-27.02	242.00	Horizontal	Horizontal	Pass
9719.349	-38.75	18.49	-13.0	-25.75	272.00	Horizontal	Horizontal	Pass

RSE-V&H LTE Band 5 BW3 CH20525

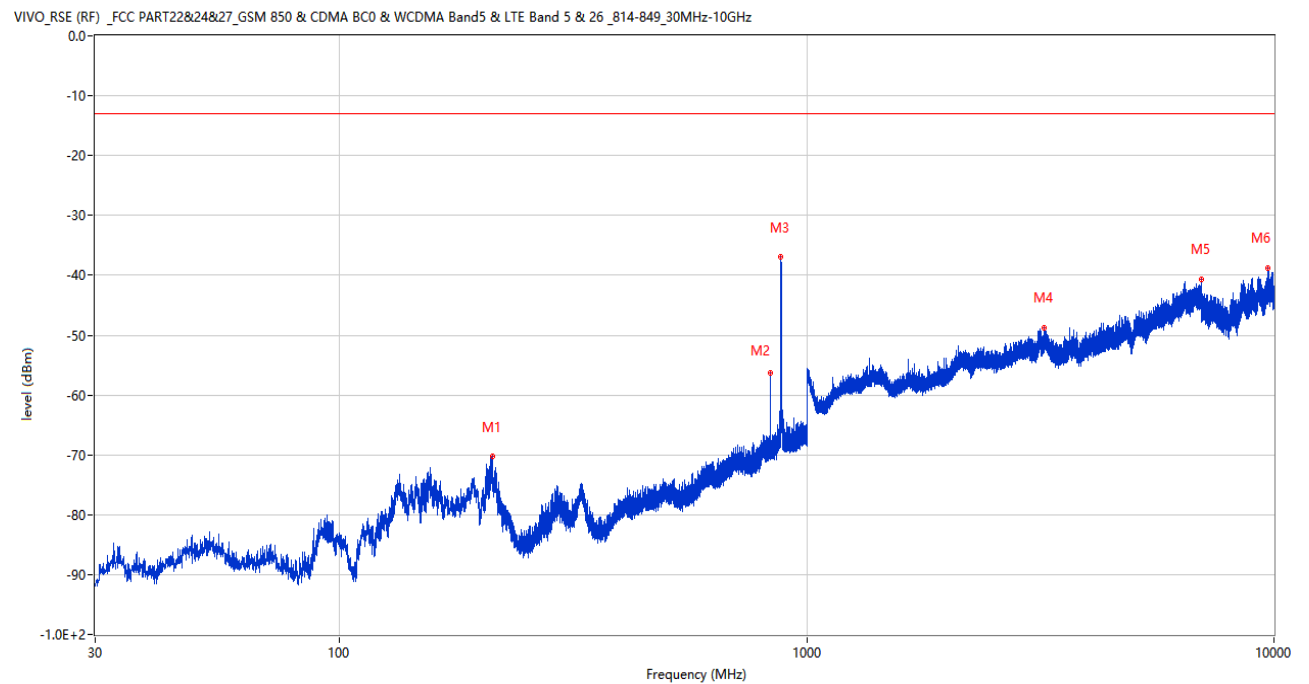
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-70.52	-15.65	-13.0	-57.52	360.00	Vertical	Horizontal	Pass
835.294	-53.15	2.16	-13.0	-40.15	250.00	Vertical	Horizontal	N/A
882.582	-39.40	2.78	-13.0	-26.40	49.00	Vertical	Horizontal	N/A
3252.800	-48.38	5.90	-13.0	-35.38	66.00	Vertical	Horizontal	Pass
6990.400	-40.62	13.85	-13.0	-27.62	185.00	Vertical	Horizontal	Pass
9883.450	-38.59	18.35	-13.0	-25.59	2.00	Vertical	Horizontal	Pass

10.3 LTE Band 5 BW5, Middle Channel

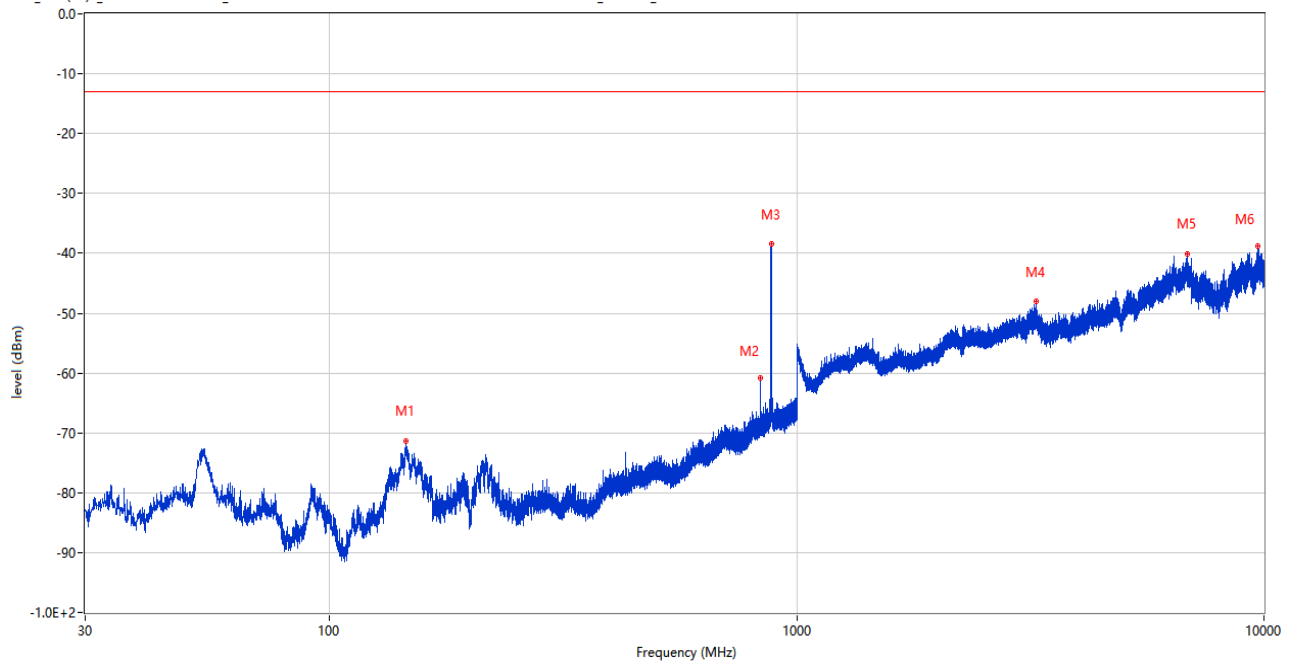
RSE-H&H LTE Band 5 BW5 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
212.263	-70.32	-15.41	-13.0	-57.32	292.00	Horizontal	Horizontal	Pass
834.324	-56.36	2.15	-13.0	-43.36	359.00	Horizontal	Horizontal	N/A
879.623	-36.95	2.59	-13.0	-23.95	360.00	Horizontal	Horizontal	N/A
3219.800	-48.87	5.65	-13.0	-35.87	28.00	Horizontal	Horizontal	Pass
6994.600	-40.66	13.85	-13.0	-27.66	360.00	Horizontal	Horizontal	Pass
9721.150	-38.72	18.47	-13.0	-25.72	66.00	Horizontal	Horizontal	Pass

RSE-V&H LTE Band 5 BW5 CH20525

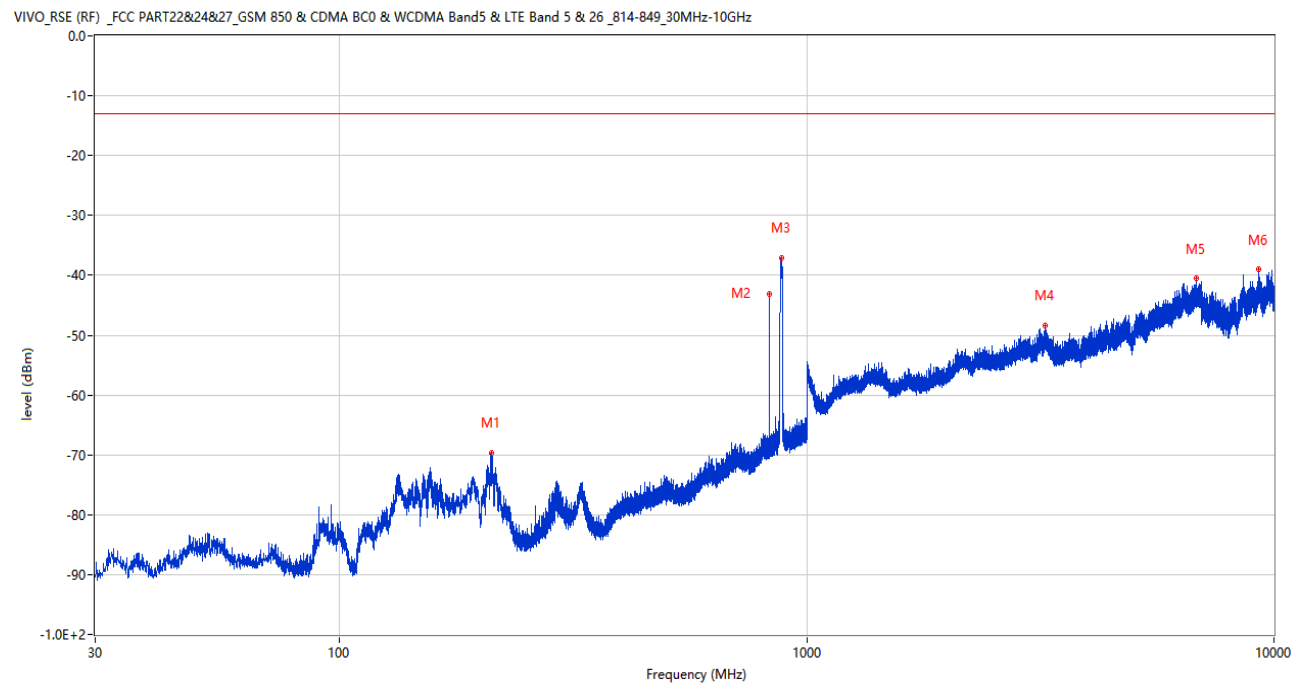
VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.30	-15.66	-13.0	-58.30	341.00	Vertical	Horizontal	Pass
834.324	-60.91	2.15	-13.0	-47.91	267.00	Vertical	Horizontal	N/A
882.873	-38.51	2.78	-13.0	-25.51	85.00	Vertical	Horizontal	N/A
3255.800	-48.05	5.66	-13.0	-35.05	359.00	Vertical	Horizontal	Pass
6843.800	-40.12	12.43	-13.0	-27.12	359.00	Vertical	Horizontal	Pass
9678.850	-38.83	19.04	-13.0	-25.83	1.00	Vertical	Horizontal	Pass

10.4 LTE Band 5 BW10, Middle Channel

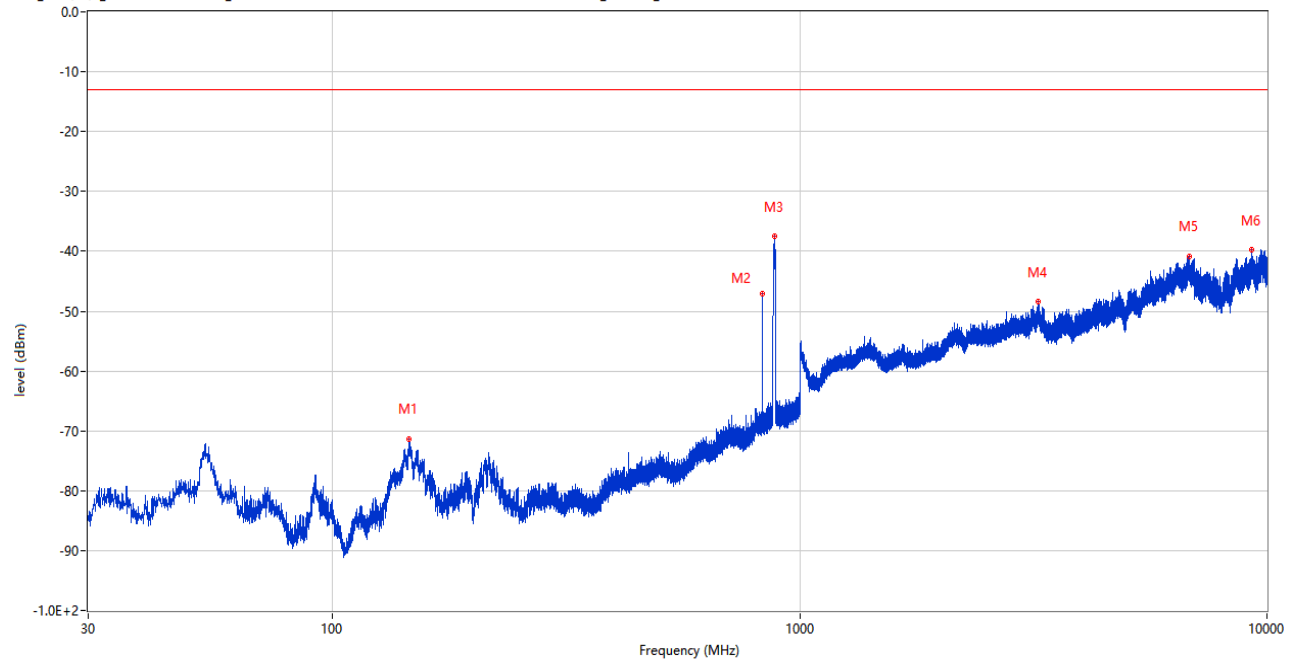
RSE-H&H LTE Band 5 BW10 CH20525



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
211.536	-69.74	-15.45	-13.0	-56.74	291.00	Horizontal	Horizontal	Pass
832.044	-43.14	2.12	-13.0	-30.14	328.00	Horizontal	Horizontal	N/A
882.145	-37.16	2.78	-13.0	-24.16	360.00	Horizontal	Horizontal	N/A
3243.600	-48.44	6.28	-13.0	-35.44	360.00	Horizontal	Horizontal	Pass
6806.200	-40.47	13.12	-13.0	-27.47	204.00	Horizontal	Horizontal	Pass
9261.100	-39.07	17.12	-13.0	-26.07	80.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 5 BW10 CH20525

VIVO_RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz

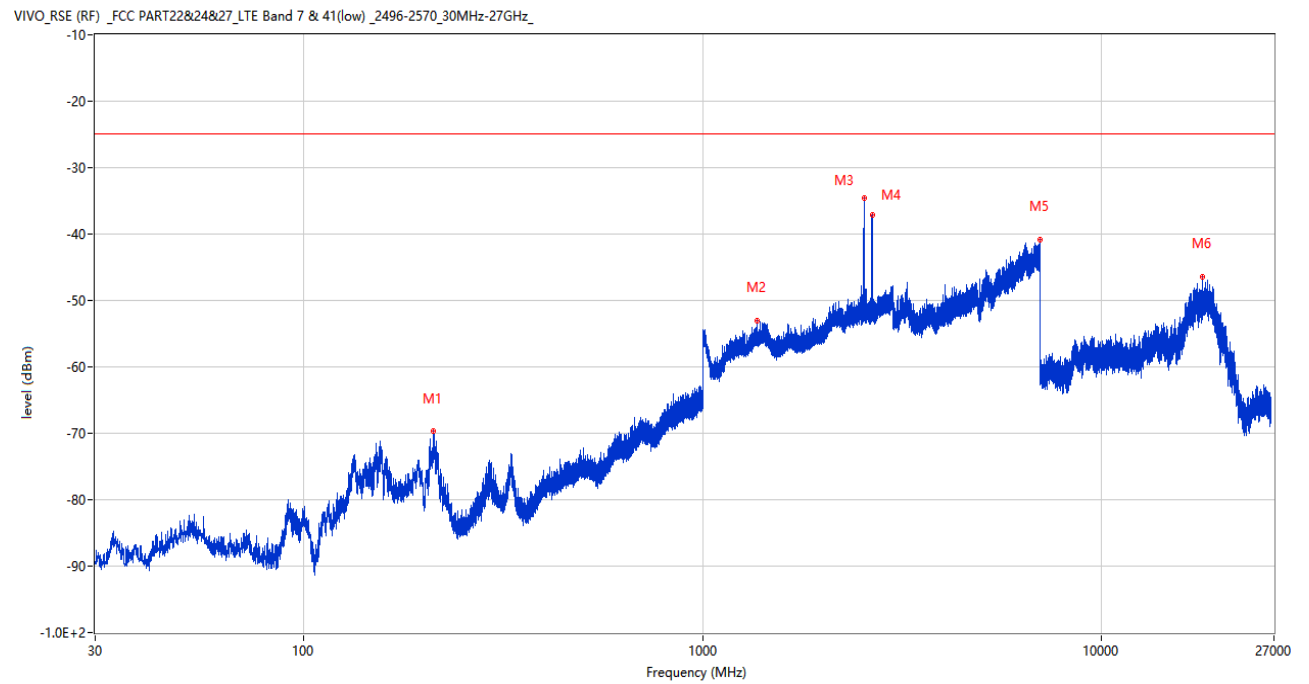


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.42	-15.65	-13.0	-58.42	360.00	Vertical	Horizontal	Pass
832.044	-47.03	2.12	-13.0	-34.03	260.00	Vertical	Horizontal	N/A
884.036	-37.48	2.77	-13.0	-24.48	49.00	Vertical	Horizontal	N/A
3241.200	-48.46	6.38	-13.0	-35.46	315.00	Vertical	Horizontal	Pass
6812.200	-40.92	13.17	-13.0	-27.92	204.00	Vertical	Horizontal	Pass
9274.000	-39.82	16.83	-13.0	-26.82	350.00	Vertical	Horizontal	Pass

11 LTE Band 7

11.1 LTE Band 7 BW5, Middle Channel

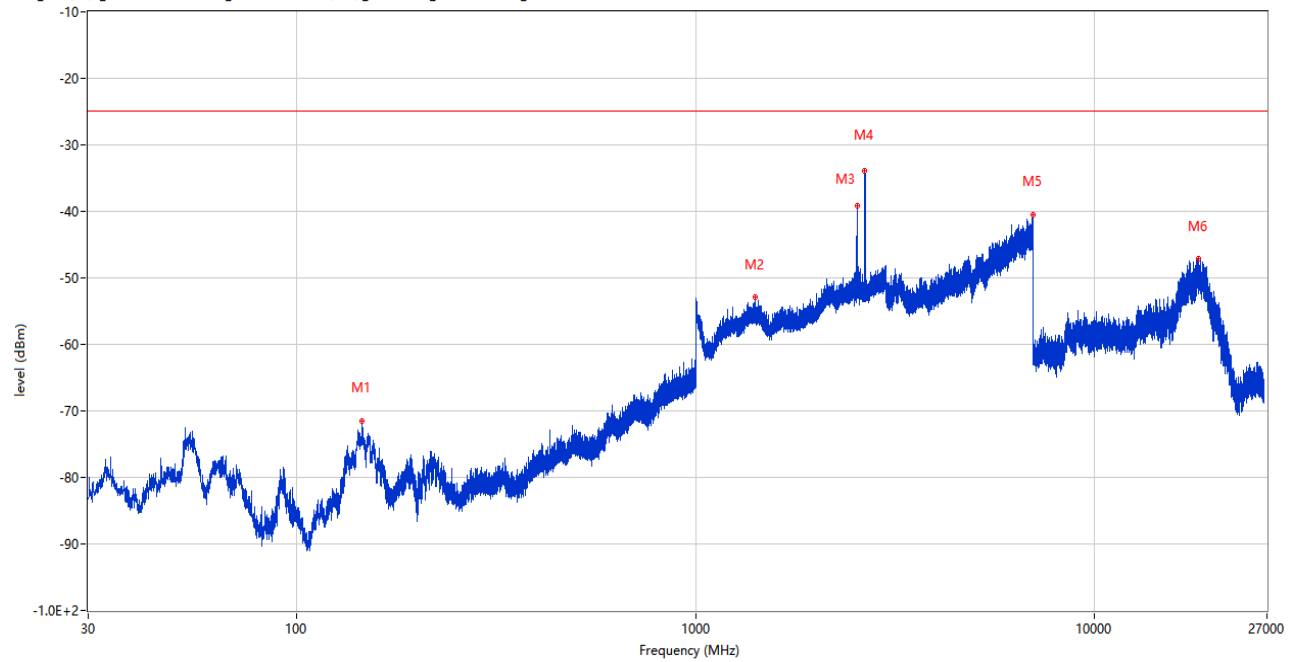
RSE-H&H LTE Band 7 BW5 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
211.342	-69.74	-14.86	-25.0	-44.74	280.00	Horizontal	Horizontal	Pass
1368.400	-52.98	-1.99	-25.0	-27.98	353.00	Horizontal	Horizontal	Pass
2533.100	-34.62	3.56	-25.0	-9.62	264.00	Horizontal	Horizontal	N/A
2655.300	-37.15	2.53	-25.0	-12.15	241.00	Horizontal	Horizontal	N/A
6996.000	-40.92	13.83	-25.0	-15.92	325.00	Horizontal	Horizontal	Pass
17855.625	-46.46	10.47	-25.0	-21.46	278.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 7 BW5 CH21100

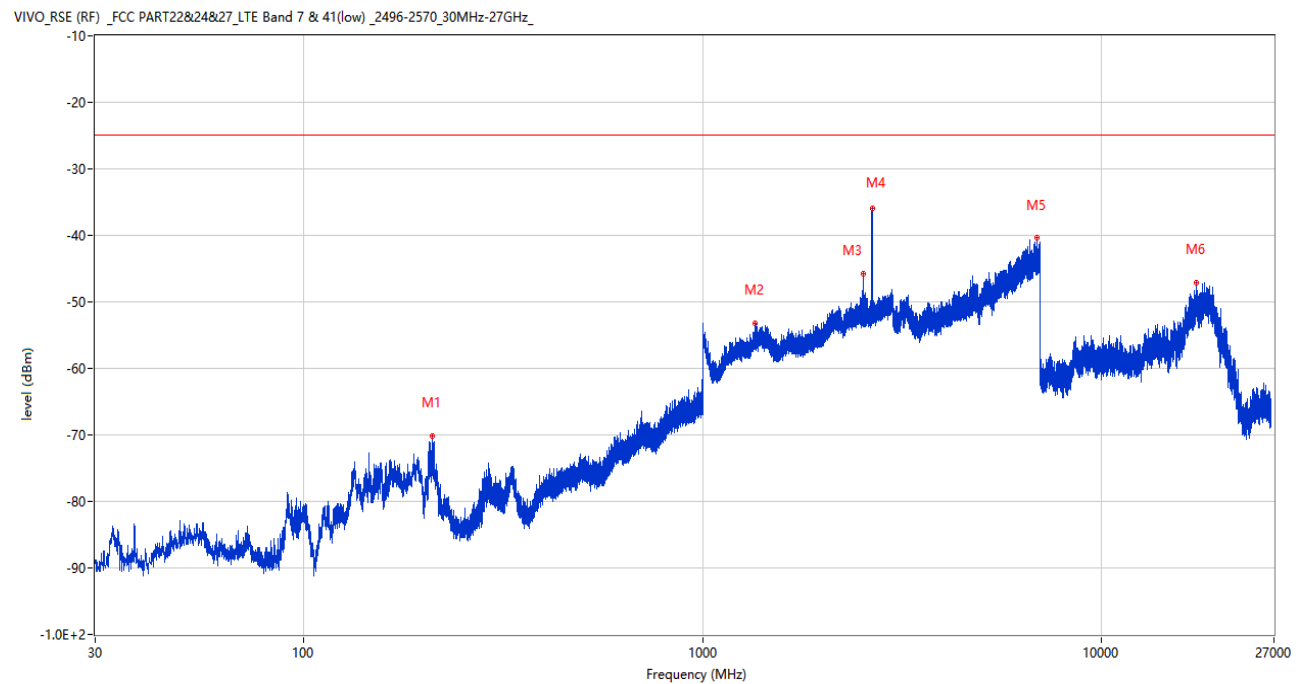
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.56	-15.20	-25.0	-46.56	358.00	Vertical	Vertical	Pass
1410.700	-52.88	-1.87	-25.0	-27.88	181.00	Vertical	Vertical	Pass
2532.900	-39.21	3.56	-25.0	-14.21	223.00	Vertical	Vertical	N/A
2654.600	-33.96	2.53	-25.0	-8.96	140.00	Vertical	Vertical	N/A
6996.600	-40.58	13.88	-25.0	-15.58	360.00	Vertical	Vertical	Pass
18231.626	-47.13	10.24	-25.0	-22.13	307.00	Vertical	Vertical	Pass

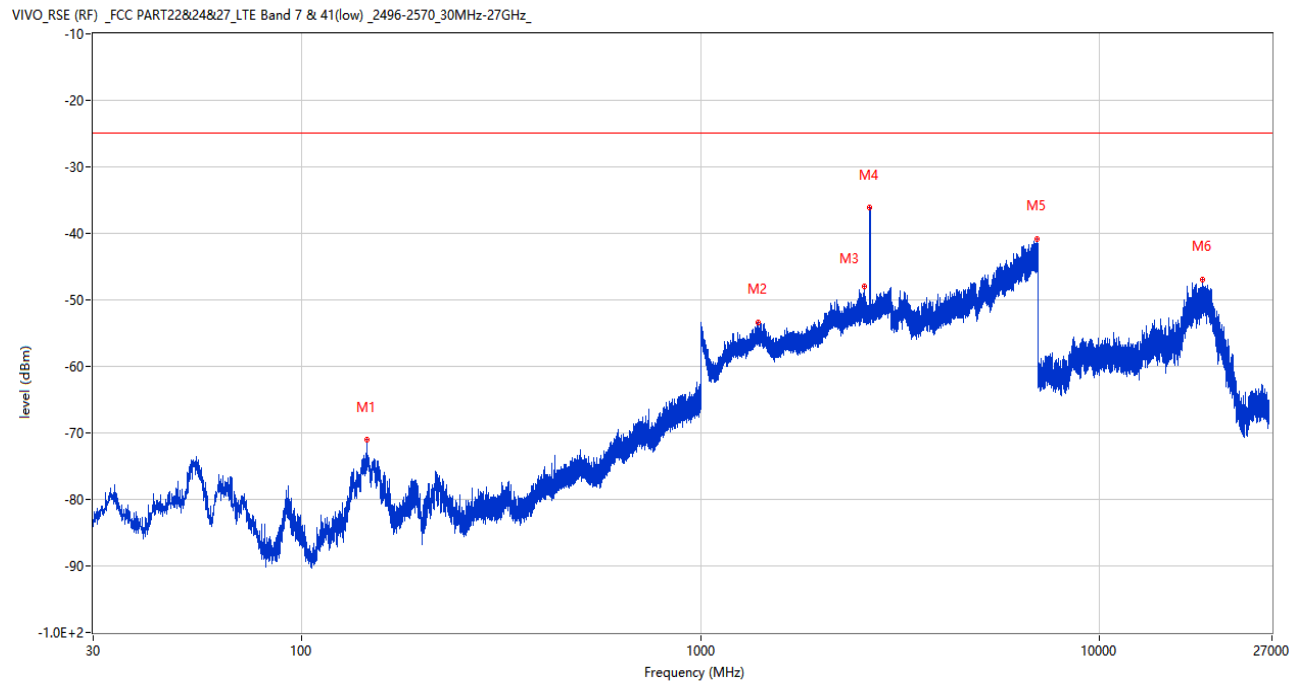
11.2 LTE Band 7 BW10, Middle Channel

RSE-H&H LTE Band 7 BW10 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
210.372	-70.15	-14.90	-25.0	-45.15	314.00	Horizontal	Horizontal	Pass
1350.600	-53.19	-2.26	-25.0	-28.19	218.00	Horizontal	Horizontal	Pass
2531.300	-45.83	3.55	-25.0	-20.83	261.00	Horizontal	Horizontal	N/A
2657.600	-36.02	2.53	-25.0	-11.02	218.00	Horizontal	Horizontal	N/A
6873.200	-40.26	12.18	-25.0	-15.26	140.00	Horizontal	Horizontal	Pass
17253.712	-47.13	11.48	-25.0	-22.13	184.00	Horizontal	Horizontal	Pass

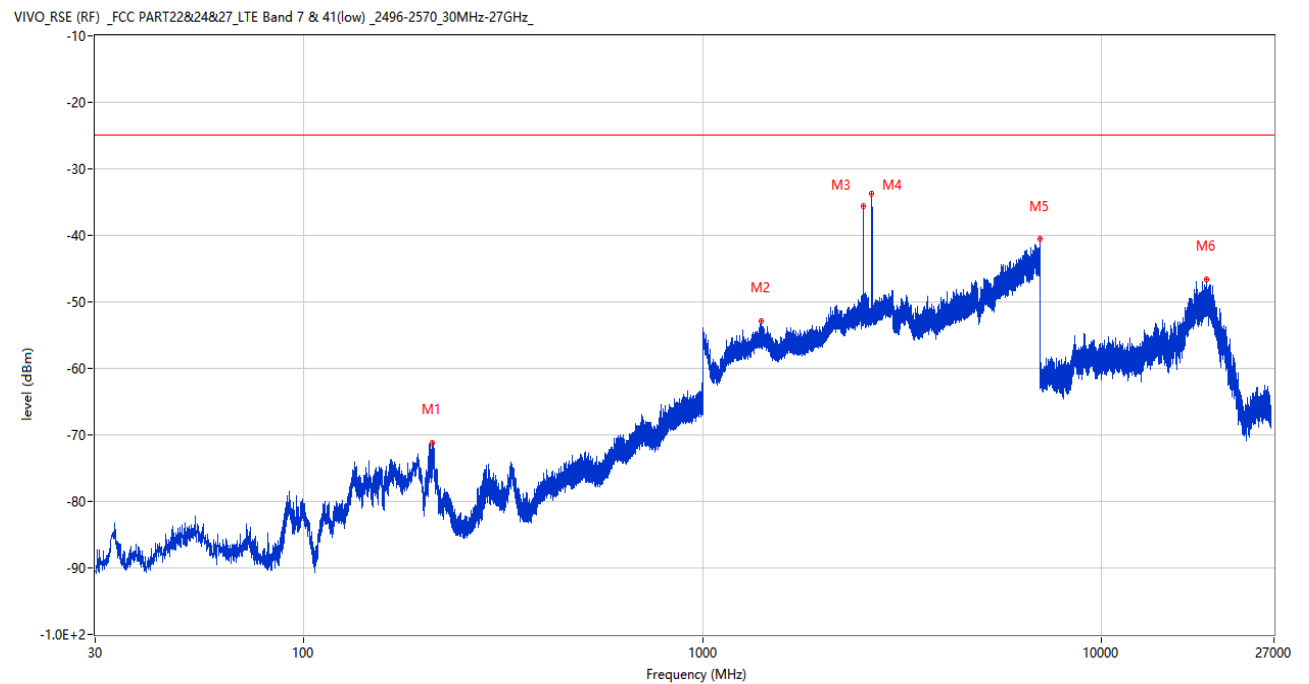
RSE-V&V LTE Band 7 BW10 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.06	-15.21	-25.0	-46.06	354.00	Vertical	Vertical	Pass
1392.200	-53.43	-1.66	-25.0	-28.43	180.00	Vertical	Vertical	Pass
2571.200	-48.01	4.01	-25.0	-23.01	9.00	Vertical	Vertical	Pass
2652.600	-36.12	2.61	-25.0	-11.12	95.00	Vertical	Vertical	N/A
6964.600	-40.88	13.20	-25.0	-15.88	360.00	Vertical	Vertical	Pass
18060.349	-46.95	10.58	-25.0	-21.95	46.00	Vertical	Vertical	Pass

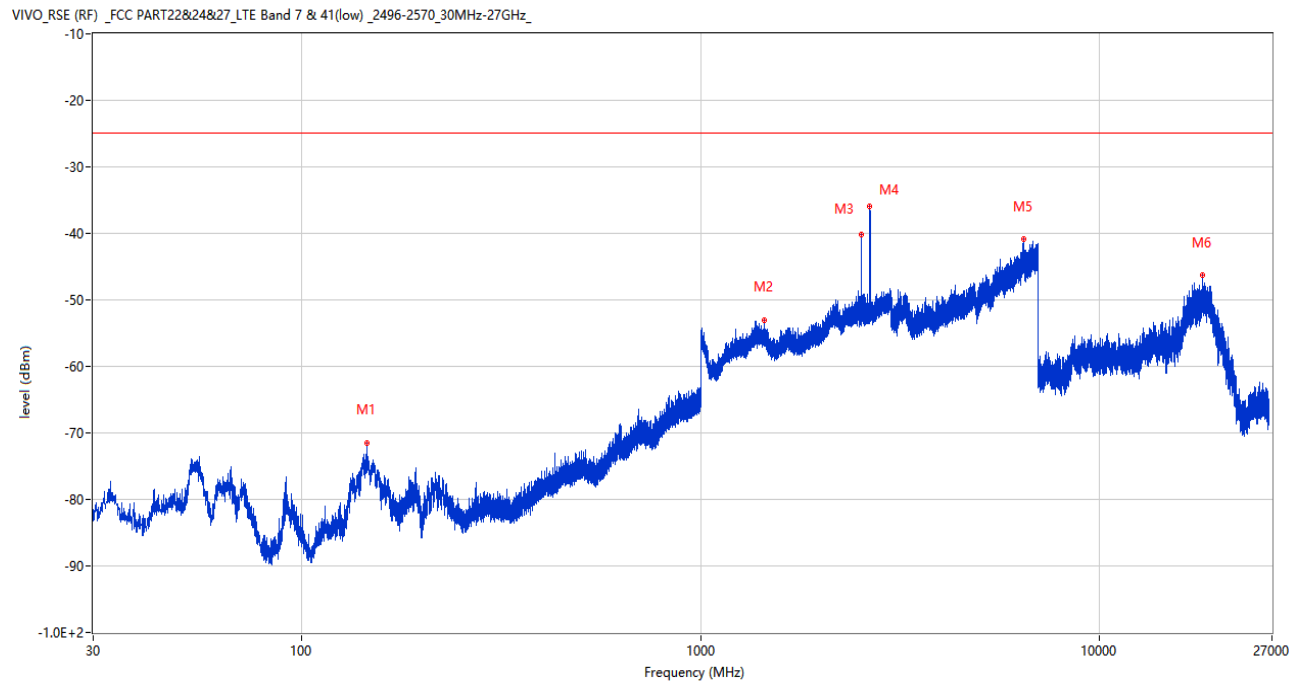
11.3 LTE Band 7 BW15, Middle Channel

RSE-H&H LTE Band 7 BW15 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
210.469	-71.22	-14.90	-25.0	-46.22	309.00	Horizontal	Horizontal	Pass
1396.300	-52.88	-1.84	-25.0	-27.88	133.00	Horizontal	Horizontal	Pass
2528.500	-35.62	3.52	-25.0	-10.62	219.00	Horizontal	Horizontal	N/A
2653.500	-33.81	2.57	-25.0	-8.81	219.00	Horizontal	Horizontal	N/A
6990.000	-40.48	13.82	-25.0	-15.48	314.00	Horizontal	Horizontal	Pass
18343.399	-46.69	10.02	-25.0	-21.69	2.00	Horizontal	Horizontal	Pass

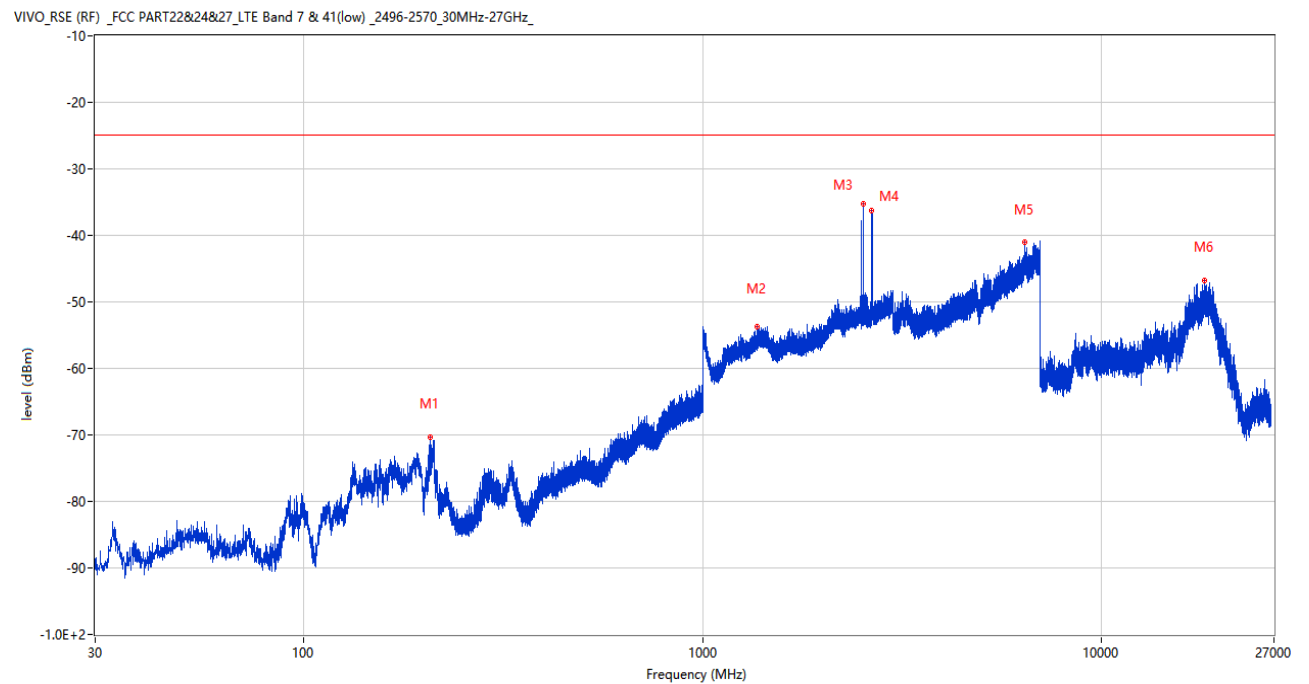
RSE-V&V LTE Band 7 BW15 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.721	-71.53	-15.22	-25.0	-46.53	312.00	Vertical	Vertical	Pass
1438.200	-53.10	-2.10	-25.0	-28.10	218.00	Vertical	Vertical	Pass
2528.500	-40.17	3.52	-25.0	-15.17	218.00	Vertical	Vertical	N/A
2652.600	-35.95	2.61	-25.0	-10.95	132.00	Vertical	Vertical	N/A
6442.400	-40.85	12.29	-25.0	-15.85	227.00	Vertical	Vertical	Pass
18111.349	-46.20	10.48	-25.0	-21.20	3.00	Vertical	Vertical	Pass

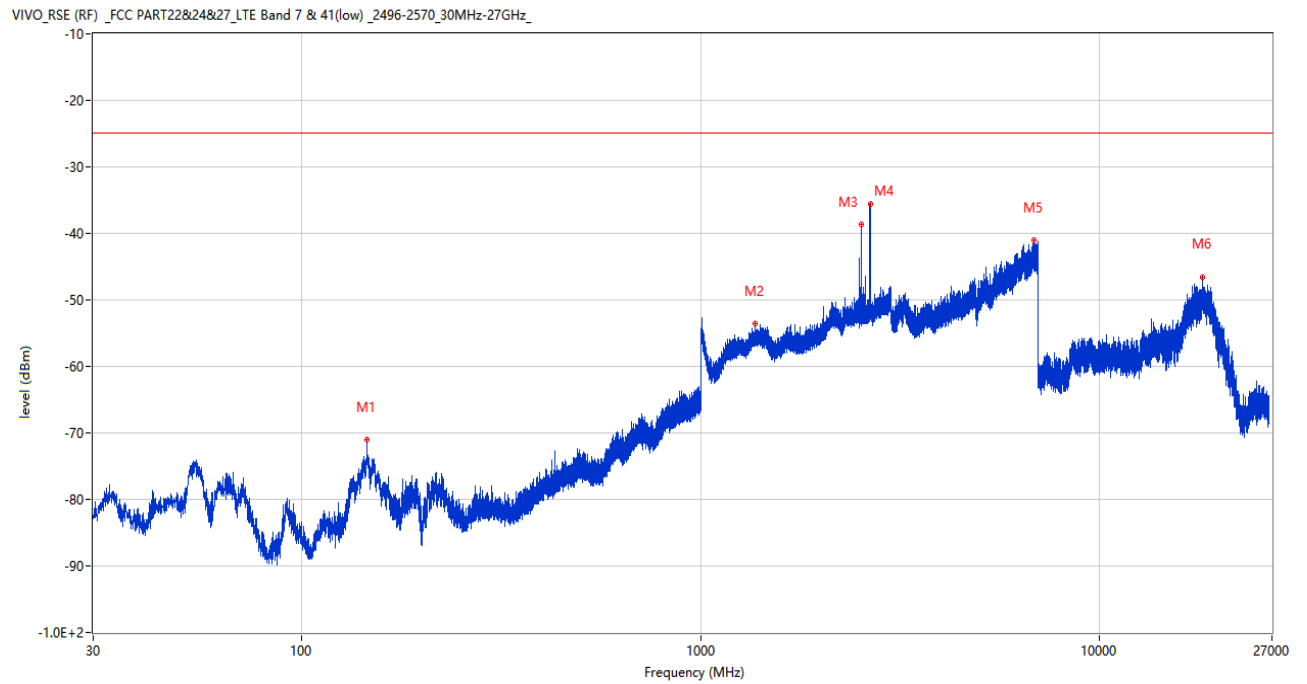
11.4 LTE Band 7 BW20, Middle Channel

RSE-H&H LTE Band 7 BW20 CH21100



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
207.413	-70.36	-15.47	-25.0	-45.36	318.00	Horizontal	Horizontal	Pass
1366.100	-53.70	-2.10	-25.0	-28.70	2.00	Horizontal	Horizontal	Pass
2526.200	-35.32	3.49	-25.0	-10.32	260.00	Horizontal	Horizontal	N/A
2650.200	-36.25	2.51	-25.0	-11.25	217.00	Horizontal	Horizontal	N/A
6408.000	-41.10	11.62	-25.0	-16.10	360.00	Horizontal	Horizontal	Pass
18115.176	-46.76	10.47	-25.0	-21.76	39.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 7 BW20 CH21100

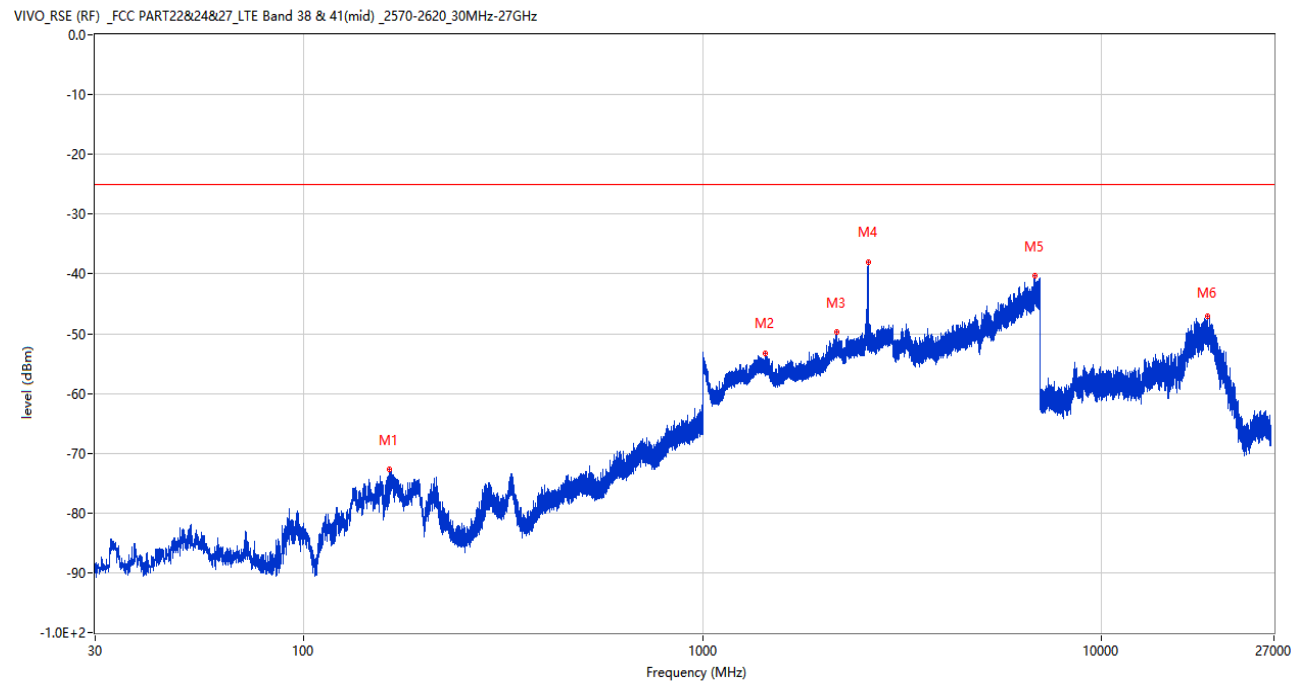


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.09	-15.21	-25.0	-46.09	357.00	Vertical	Vertical	Pass
1371.200	-53.55	-1.98	-25.0	-28.55	173.00	Vertical	Vertical	Pass
2526.300	-38.71	3.49	-25.0	-13.71	215.00	Vertical	Vertical	N/A
2663.300	-35.57	2.51	-25.0	-10.57	86.00	Vertical	Vertical	N/A
6823.600	-41.08	12.99	-25.0	-16.08	173.00	Vertical	Vertical	Pass
18092.650	-46.59	10.52	-25.0	-21.59	87.00	Vertical	Vertical	Pass

12 LTE Band 38

12.1 LTE Band 38 BW5, Middle Channel

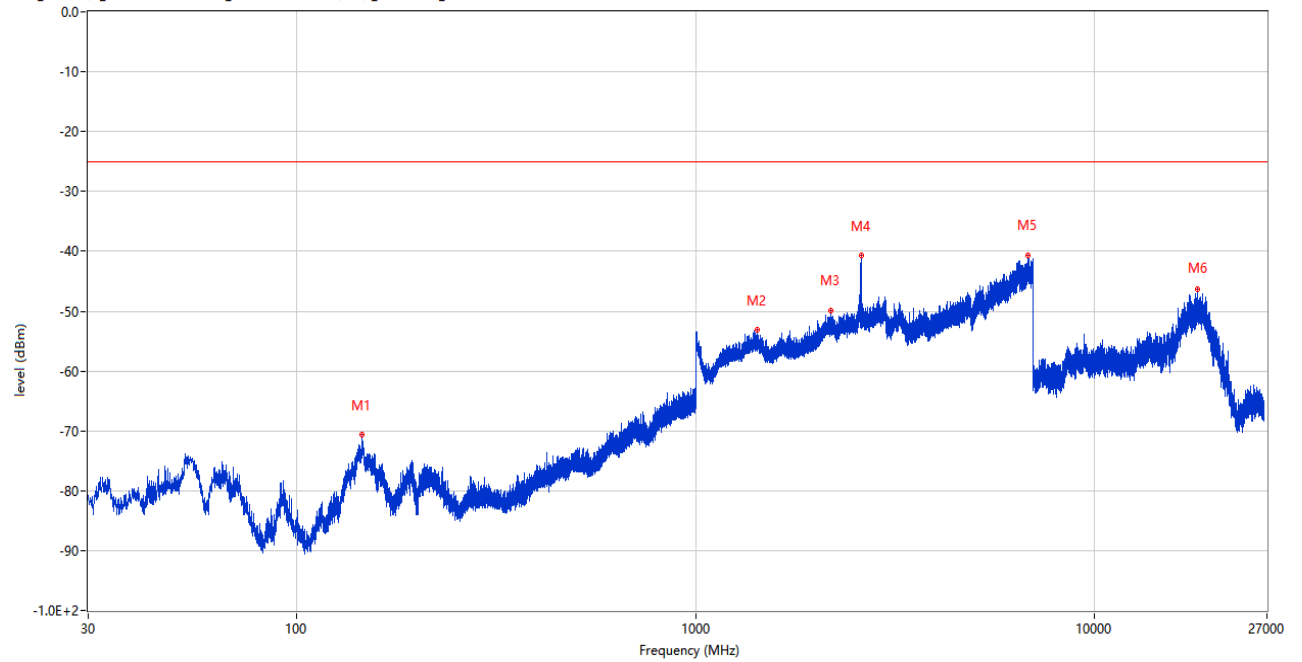
RSE-H&H LTE Band 38 BW5 CH38000



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
163.617	-72.76	-15.38	-25.0	-47.76	153.00	Horizontal	Horizontal	Pass
1431.400	-53.31	-1.95	-25.0	-28.31	48.00	Horizontal	Horizontal	Pass
2159.800	-49.78	0.77	-25.0	-24.78	222.00	Horizontal	Horizontal	Pass
2593.000	-38.02	4.78	-25.0	-13.02	257.00	Horizontal	Horizontal	N/A
6807.600	-40.35	13.08	-25.0	-15.35	115.00	Horizontal	Horizontal	Pass
18377.400	-47.12	9.95	-25.0	-22.12	96.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 38 BW5 CH38000

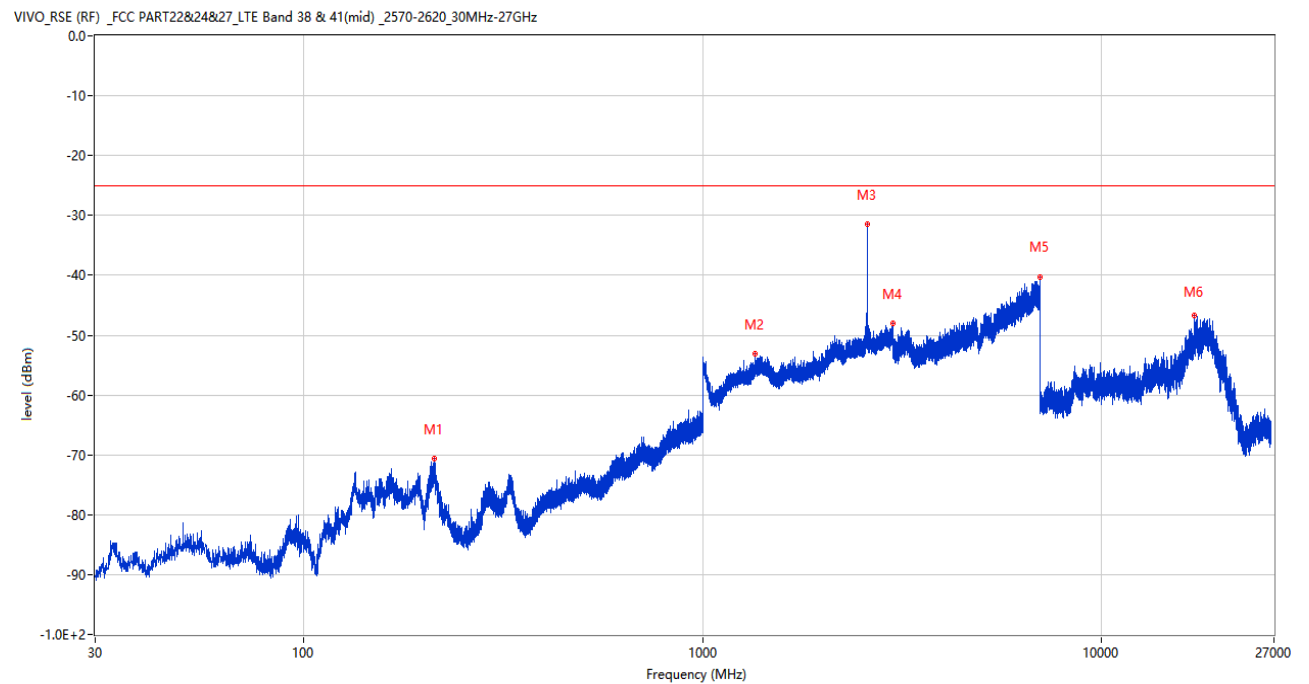
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.61	-15.20	-25.0	-45.61	234.00	Vertical	Vertical	Pass
1421.600	-53.17	-1.88	-25.0	-28.17	114.00	Vertical	Vertical	Pass
2181.900	-49.95	1.21	-25.0	-24.95	205.00	Vertical	Vertical	Pass
2593.000	-40.69	4.78	-25.0	-15.69	360.00	Vertical	Vertical	N/A
6781.400	-40.60	12.69	-25.0	-15.60	189.00	Vertical	Vertical	Pass
18071.824	-46.42	10.56	-25.0	-21.42	91.00	Vertical	Vertical	Pass

12.2 LTE Band 38 BW10, Middle Channel

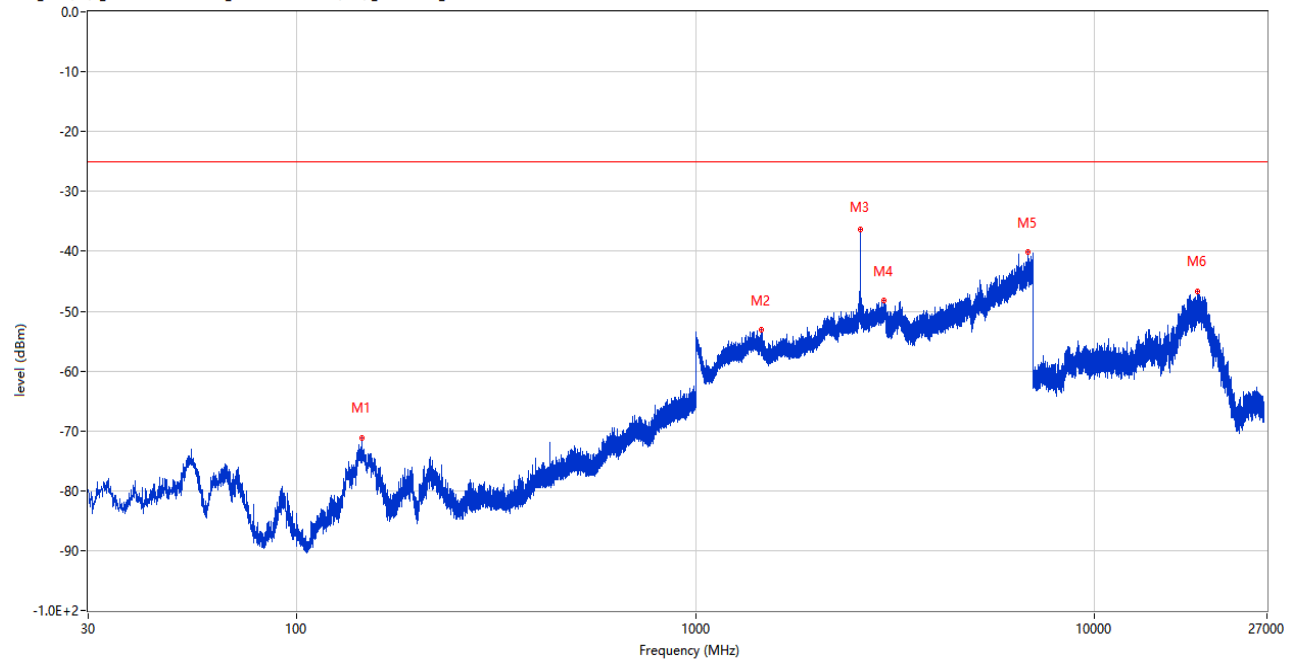
RSE-H&H LTE Band 38 BW10 CH38000



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
211.875	-70.69	-14.93	-25.0	-45.69	287.00	Horizontal	Horizontal	Pass
1350.300	-53.17	-2.25	-25.0	-28.17	274.00	Horizontal	Horizontal	Pass
2590.800	-31.51	4.87	-25.0	-6.51	255.00	Horizontal	Horizontal	N/A
2995.500	-48.09	4.66	-25.0	-23.09	175.00	Horizontal	Horizontal	Pass
6993.800	-40.33	13.90	-25.0	-15.33	286.00	Horizontal	Horizontal	Pass
17090.437	-46.77	10.10	-25.0	-21.77	8.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 38 BW10 CH38000

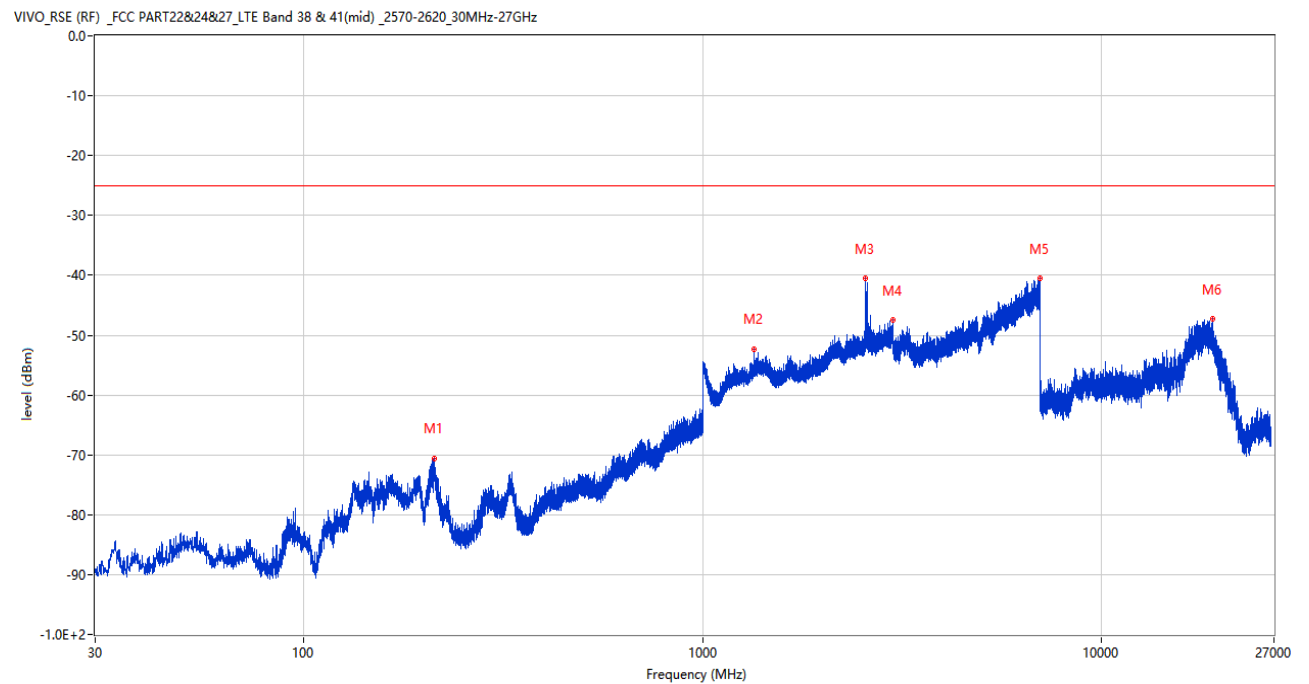
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.17	-15.19	-25.0	-46.17	343.00	Vertical	Vertical	Pass
1456.400	-53.12	-2.29	-25.0	-28.12	82.00	Vertical	Vertical	Pass
2590.900	-36.35	4.87	-25.0	-11.35	354.00	Vertical	Vertical	N/A
2965.400	-48.30	4.70	-25.0	-23.30	150.00	Vertical	Vertical	Pass
6784.600	-40.15	12.81	-25.0	-15.15	173.00	Vertical	Vertical	Pass
18085.849	-46.69	10.53	-25.0	-21.69	170.00	Vertical	Vertical	Pass

12.3 LTE Band 38 BW15, Middle Channel

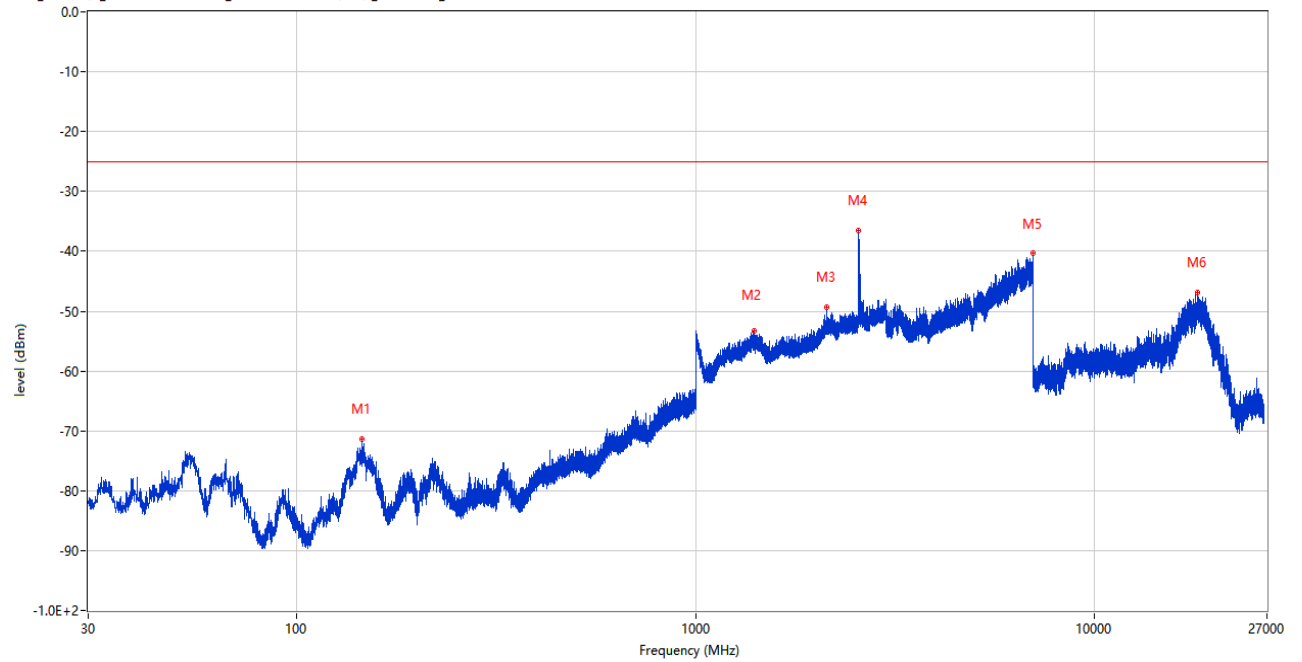
RSE-H&H LTE Band 38 BW15 CH38000



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
212.651	-70.68	-14.90	-25.0	-45.68	280.00	Horizontal	Horizontal	Pass
1347.100	-52.41	-2.30	-25.0	-27.41	100.00	Horizontal	Horizontal	Pass
2561.900	-40.51	5.09	-25.0	-15.51	143.00	Horizontal	Horizontal	N/A
2999.900	-47.49	4.90	-25.0	-22.49	78.00	Horizontal	Horizontal	Pass
6999.800	-40.54	13.91	-25.0	-15.54	360.00	Horizontal	Horizontal	Pass
18932.875	-47.21	8.85	-25.0	-22.21	161.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 38 BW15 CH38000

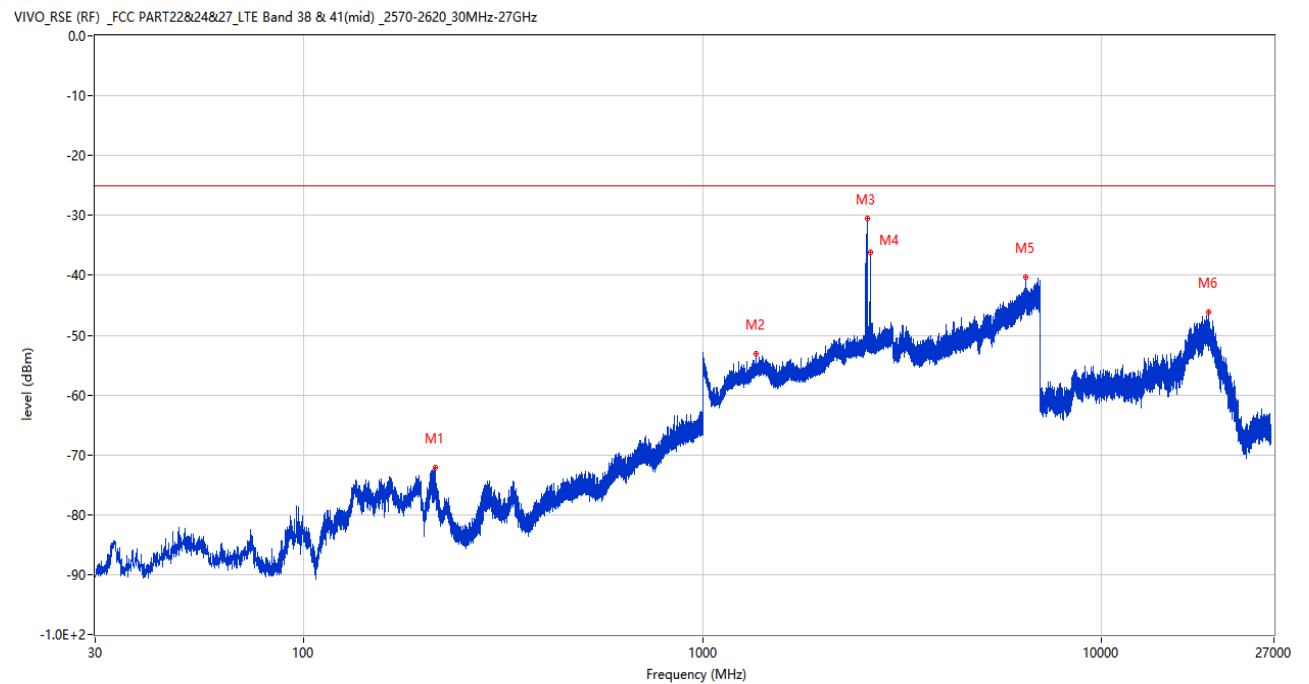
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.36	-15.20	-25.0	-46.36	257.00	Vertical	Vertical	Pass
1399.300	-53.33	-1.79	-25.0	-28.33	75.00	Vertical	Vertical	Pass
2133.100	-49.31	0.91	-25.0	-24.31	145.00	Vertical	Vertical	Pass
2561.900	-36.51	5.09	-25.0	-11.51	229.00	Vertical	Vertical	N/A
6991.600	-40.39	13.92	-25.0	-15.39	183.00	Vertical	Vertical	Pass
18073.526	-46.84	10.55	-25.0	-21.84	62.00	Vertical	Vertical	Pass

12.4 LTE Band 38 BW20, Middle Channel

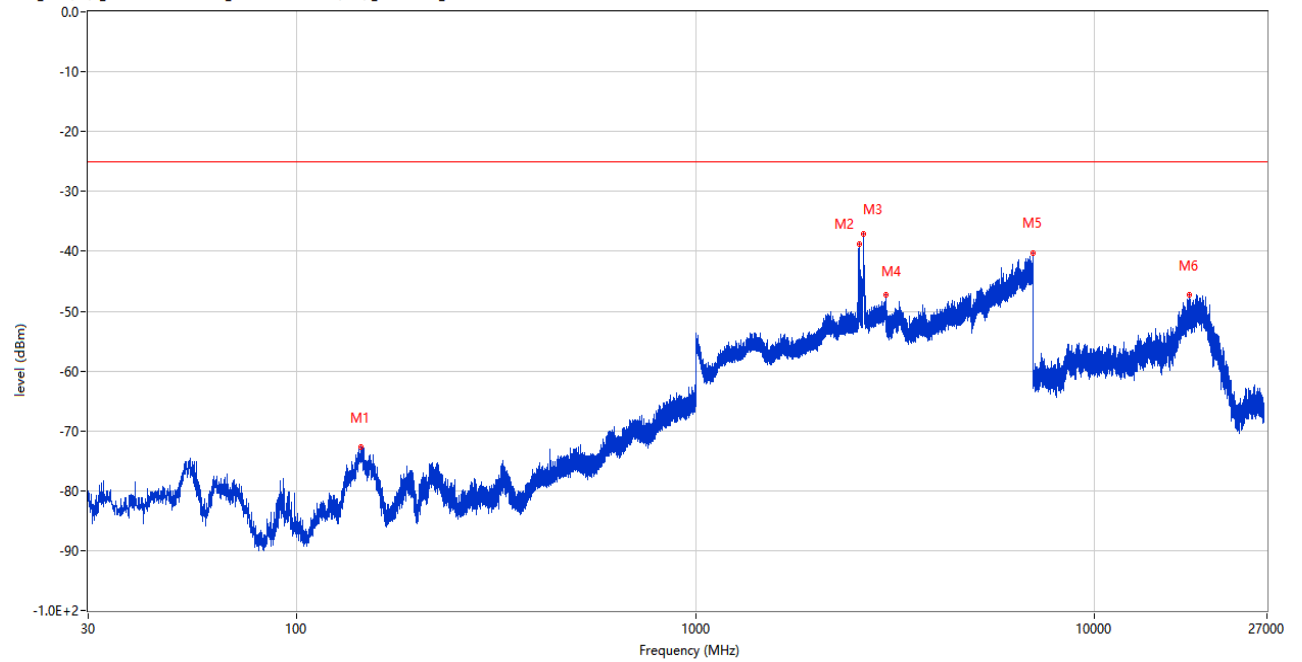
RSE-H&H LTE Band 38 BW20 CH38000



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
213.136	-72.10	-14.88	-25.0	-47.10	289.00	Horizontal	Horizontal	Pass
1363.500	-53.14	-2.15	-25.0	-28.14	292.00	Horizontal	Horizontal	Pass
2586.300	-30.57	5.06	-25.0	-5.57	256.00	Horizontal	Horizontal	N/A
2623.900	-36.16	3.72	-25.0	-11.16	160.00	Horizontal	Horizontal	N/A
6460.200	-40.39	12.85	-25.0	-15.39	335.00	Horizontal	Horizontal	Pass
18560.573	-46.07	9.59	-25.0	-21.07	303.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 38 BW20 CH38000

VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



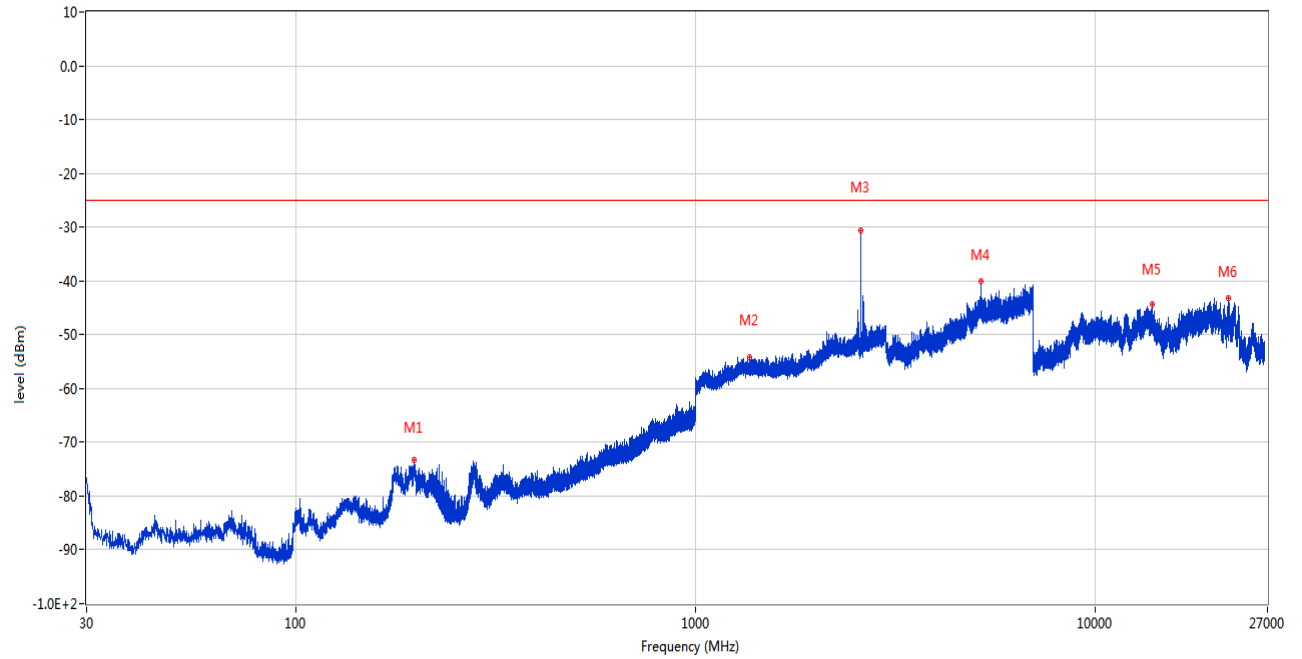
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
144.460	-72.67	-15.24	-25.0	-47.67	261.00	Vertical	Vertical	Pass
2562.500	-38.76	5.62	-25.0	-13.76	319.00	Vertical	Vertical	N/A
2637.800	-37.04	2.76	-25.0	-12.04	307.00	Vertical	Vertical	N/A
2993.100	-47.30	4.70	-25.0	-22.30	203.00	Vertical	Vertical	Pass
6998.800	-40.34	13.94	-25.0	-15.34	209.00	Vertical	Vertical	Pass
17272.089	-47.32	11.04	-25.0	-22.32	46.00	Vertical	Vertical	Pass

13 LTE Band 41

13.1 LTE Band 41 BW5, Middle Channel

RSE-H&H LTE Band 41 BW5 CH40620

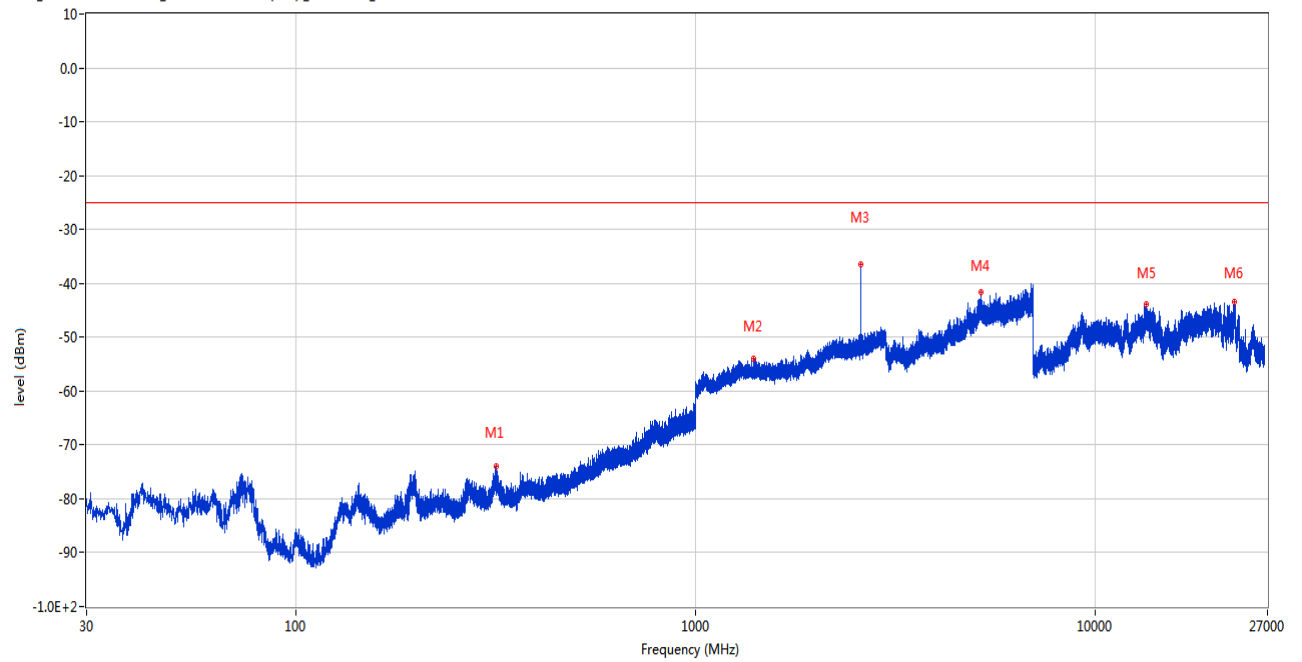
VIVO_FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
197.519	-73.24	-14.53	-25.0	-48.24	263.00	Horizontal	Horizontal	Pass
1365.300	-54.30	-2.74	-25.0	-29.30	42.00	Horizontal	Horizontal	Pass
2591.500	-30.66	2.56	-25.0	-5.66	326.00	Horizontal	Horizontal	N/A
5182.400	-40.02	10.66	-25.0	-15.02	344.00	Horizontal	Horizontal	Pass
13874.025	-44.39	10.50	-25.0	-19.39	58.00	Horizontal	Horizontal	Pass
21616.751	-43.12	14.70	-25.0	-18.12	185.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 41 BW5 CH40620

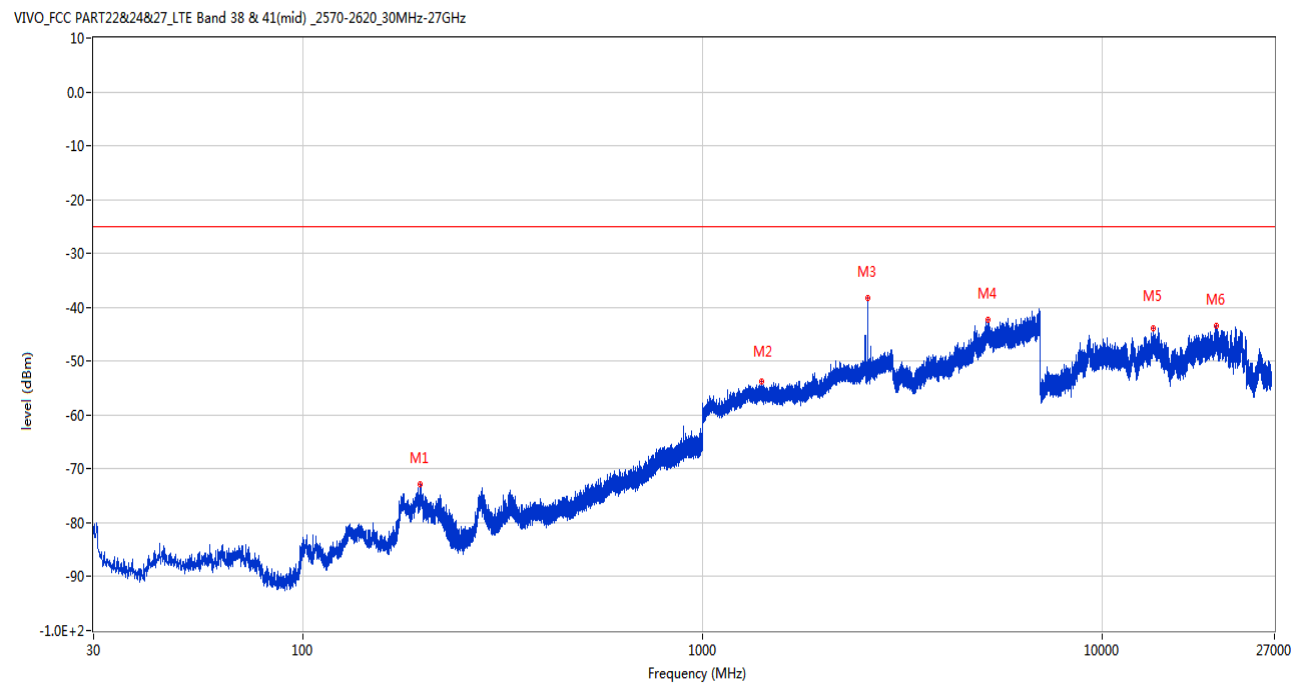
VIVO_FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
318.526	-73.95	-11.01	-25.0	-48.95	39.00	Vertical	Vertical	Pass
1396.600	-54.06	-2.47	-25.0	-29.06	332.00	Vertical	Vertical	Pass
2591.700	-36.58	2.56	-25.0	-11.58	272.00	Vertical	Vertical	N/A
5176.400	-41.59	10.60	-25.0	-16.59	310.00	Vertical	Vertical	Pass
13419.375	-43.96	10.97	-25.0	-18.96	116.00	Vertical	Vertical	Pass
22303.126	-43.42	14.92	-25.0	-18.42	246.00	Vertical	Vertical	Pass

13.2 LTE Band 41 BW10, Middle Channel

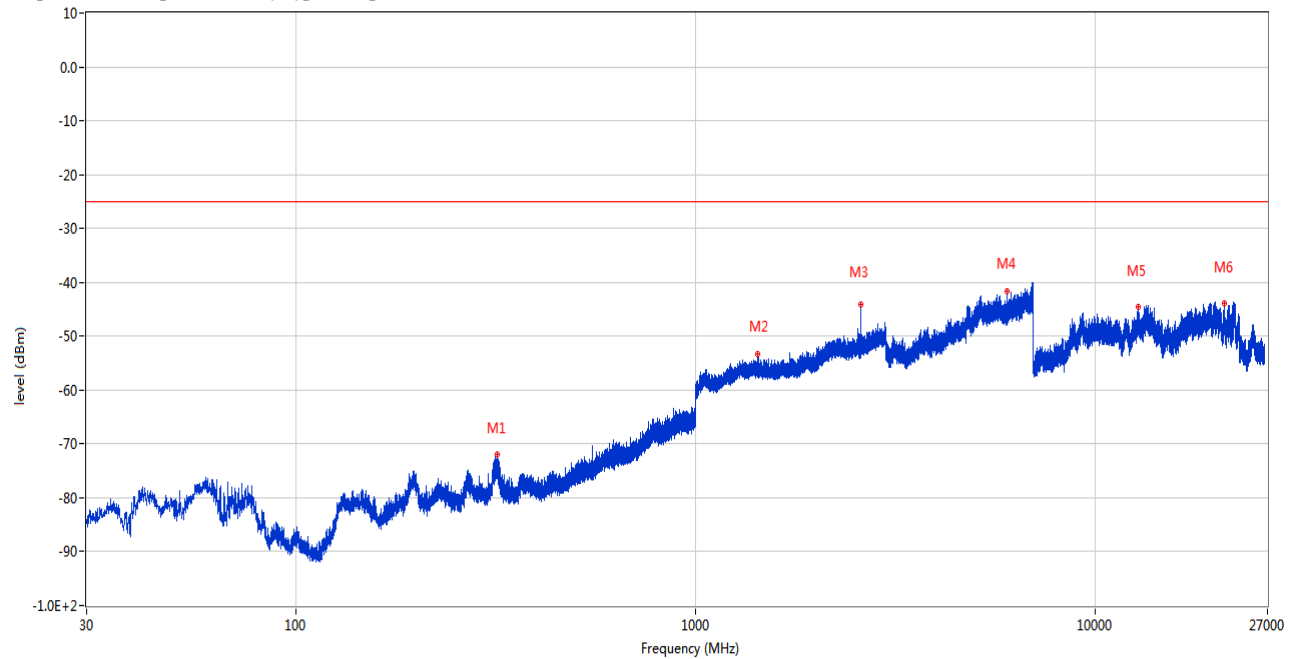
RSE-H&H LTE Band 41 BW10 CH40620



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
197.131	-72.88	-14.50	-25.0	-47.88	278.00	Horizontal	Horizontal	Pass
1407.200	-53.78	-2.66	-25.0	-28.78	329.00	Horizontal	Horizontal	Pass
2589.200	-38.22	2.55	-25.0	-13.22	329.00	Horizontal	Horizontal	N/A
5183.200	-42.33	10.64	-25.0	-17.33	106.00	Horizontal	Horizontal	Pass
13415.437	-43.88	10.91	-25.0	-18.88	102.00	Horizontal	Horizontal	Pass
19334.074	-43.43	16.04	-25.0	-18.43	262.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 41 BW10 CH40620

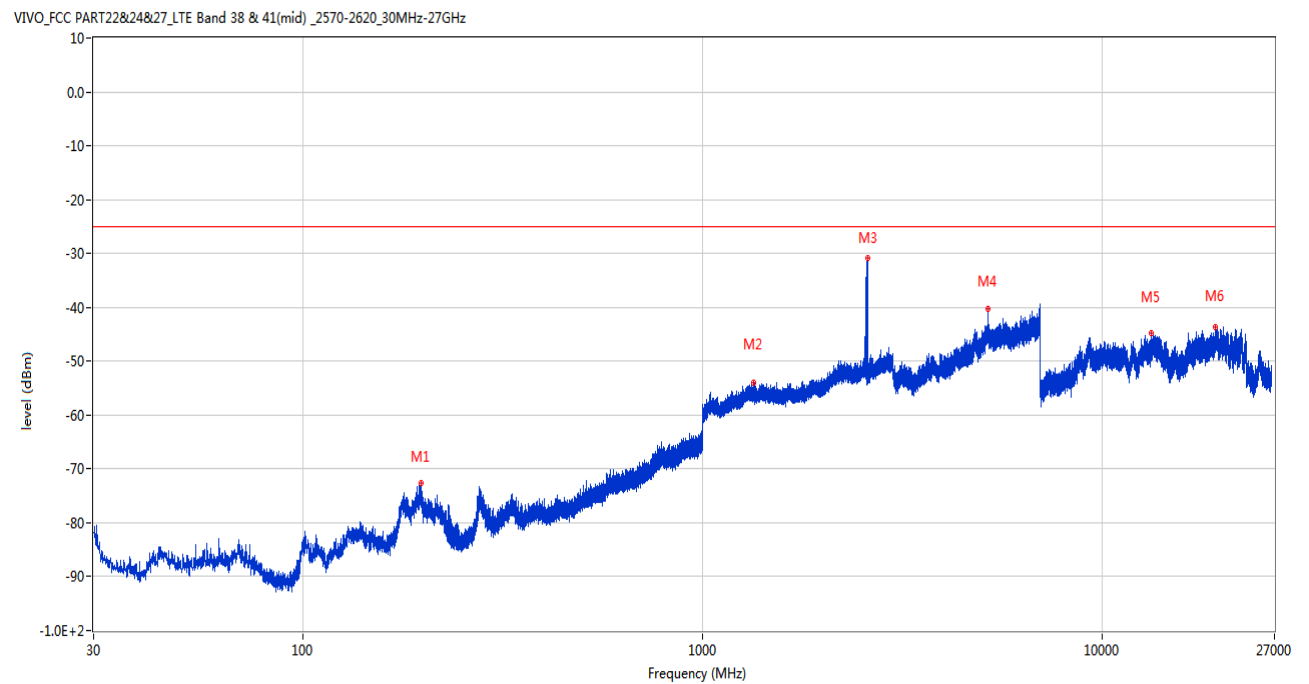
VIVO_FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
319.933	-71.96	-10.92	-25.0	-46.96	52.00	Vertical	Vertical	Pass
1433.900	-53.25	-2.65	-25.0	-28.25	246.00	Vertical	Vertical	Pass
2589.500	-44.12	2.55	-25.0	-19.12	258.00	Vertical	Vertical	N/A
6008.200	-41.67	9.97	-25.0	-16.67	31.00	Vertical	Vertical	Pass
12803.812	-44.57	10.39	-25.0	-19.57	144.00	Vertical	Vertical	Pass
21043.849	-43.82	14.51	-25.0	-18.82	343.00	Vertical	Vertical	Pass

13.3 LTE Band 41 BW15, Middle Channel

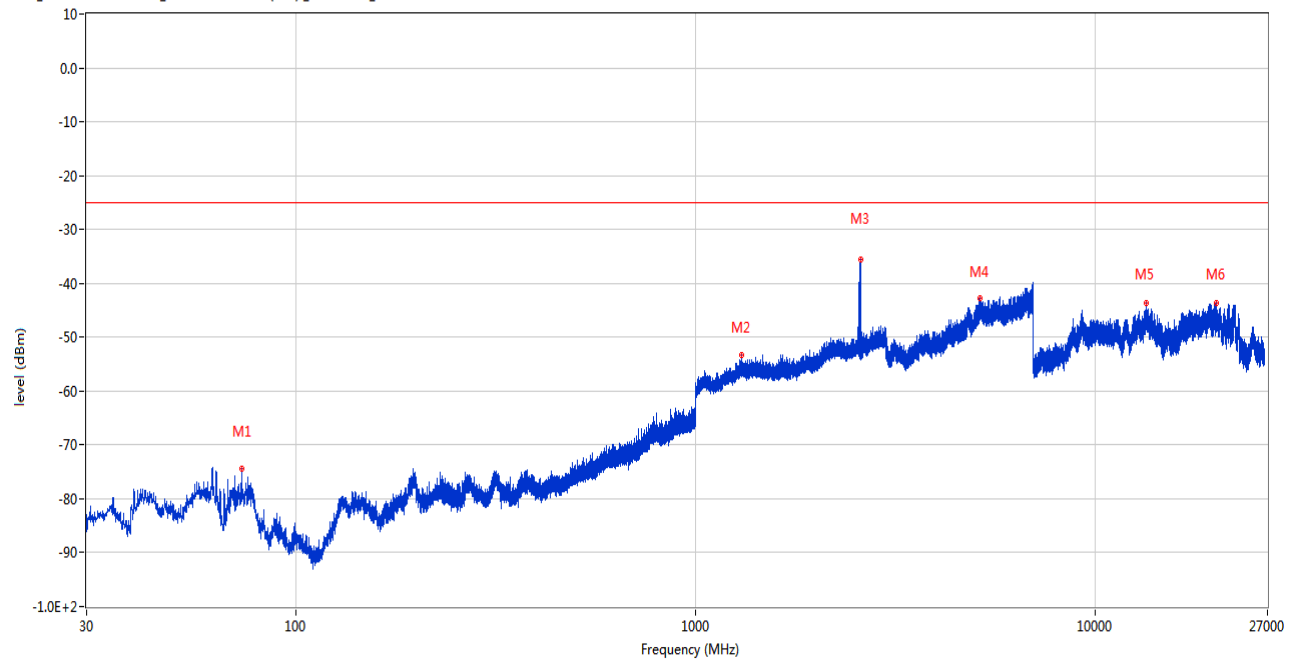
RSE-H&H LTE Band 41 BW15 CH40620



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
197.859	-72.56	-14.55	-25.0	-47.56	271.00	Horizontal	Horizontal	Pass
1346.100	-53.95	-2.70	-25.0	-28.95	360.00	Horizontal	Horizontal	Pass
2587.100	-30.97	2.54	-25.0	-5.97	334.00	Horizontal	Horizontal	N/A
5173.000	-40.35	10.55	-25.0	-15.35	350.00	Horizontal	Horizontal	Pass
13300.463	-44.82	10.42	-25.0	-19.82	311.00	Horizontal	Horizontal	Pass
19205.724	-43.61	13.98	-25.0	-18.61	181.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 41 BW15 CH40620

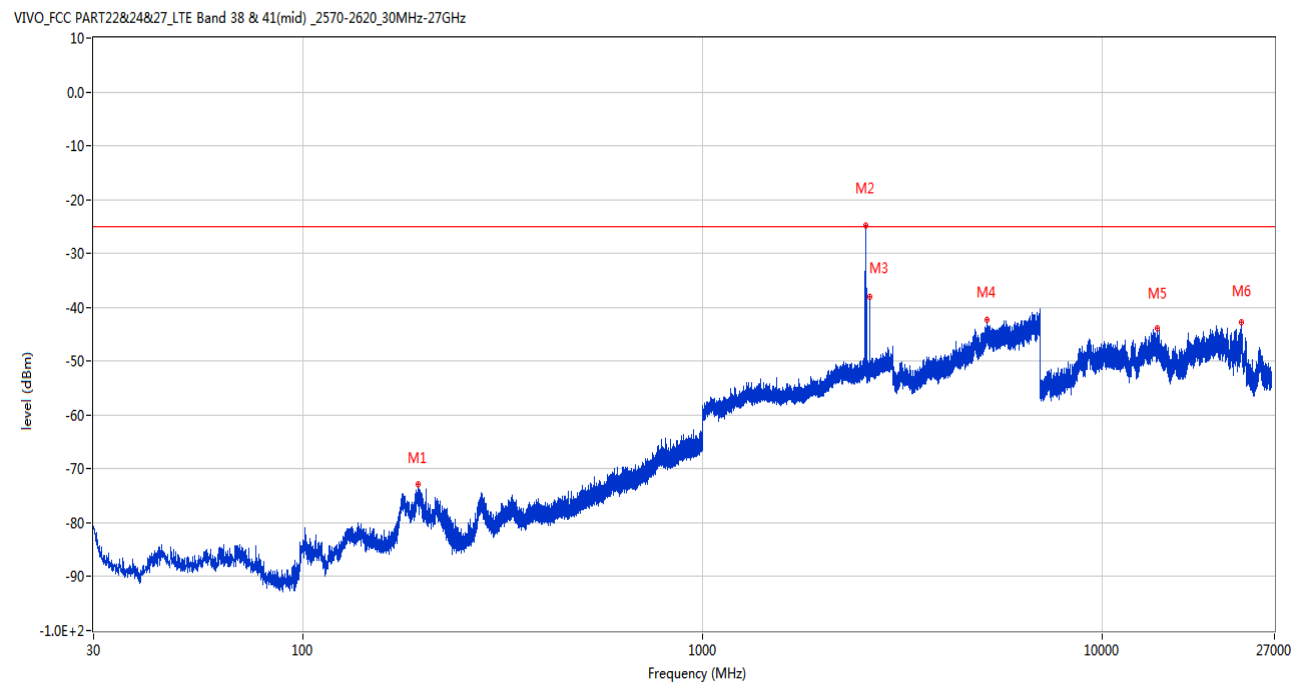
VIVO_FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
73.456	-74.51	-16.87	-25.0	-49.51	162.00	Vertical	Vertical	Pass
1302.600	-53.38	-2.24	-25.0	-28.38	186.00	Vertical	Vertical	Pass
2587.100	-35.57	2.54	-25.0	-10.57	260.00	Vertical	Vertical	N/A
5163.600	-42.84	10.39	-25.0	-17.84	12.00	Vertical	Vertical	Pass
13434.338	-43.62	11.21	-25.0	-18.62	329.00	Vertical	Vertical	Pass
20151.349	-43.74	14.22	-25.0	-18.74	0.00	Vertical	Vertical	Pass

13.4 LTE Band 41 BW20, Middle Channel

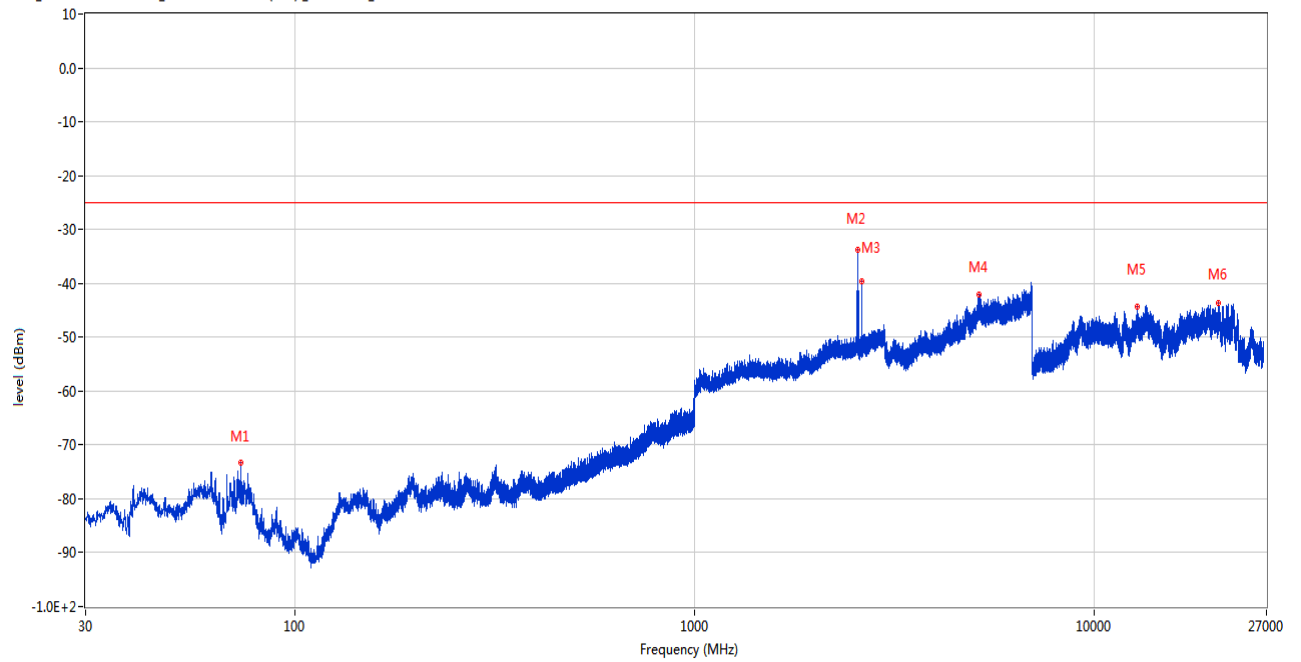
RSE-H&H LTE Band 41 BW20 CH40620



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
194.900	-72.79	-14.28	-25.0	-47.79	259.00	Horizontal	Horizontal	Pass
2564.500	-24.85	2.41	-25.0	0.15	324.00	Horizontal	Horizontal	N/A
2625.300	-38.08	2.86	-25.0	-13.08	-2.00	Horizontal	Horizontal	N/A
5168.200	-42.34	10.64	-25.0	-17.34	110.00	Horizontal	Horizontal	Pass
13766.925	-43.95	11.38	-25.0	-18.95	97.00	Horizontal	Horizontal	Pass
22338.824	-42.76	14.93	-25.0	-17.76	204.00	Horizontal	Horizontal	Pass

RSE-V&V LTE Band 41 BW20 CH40620

VIVO_FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz

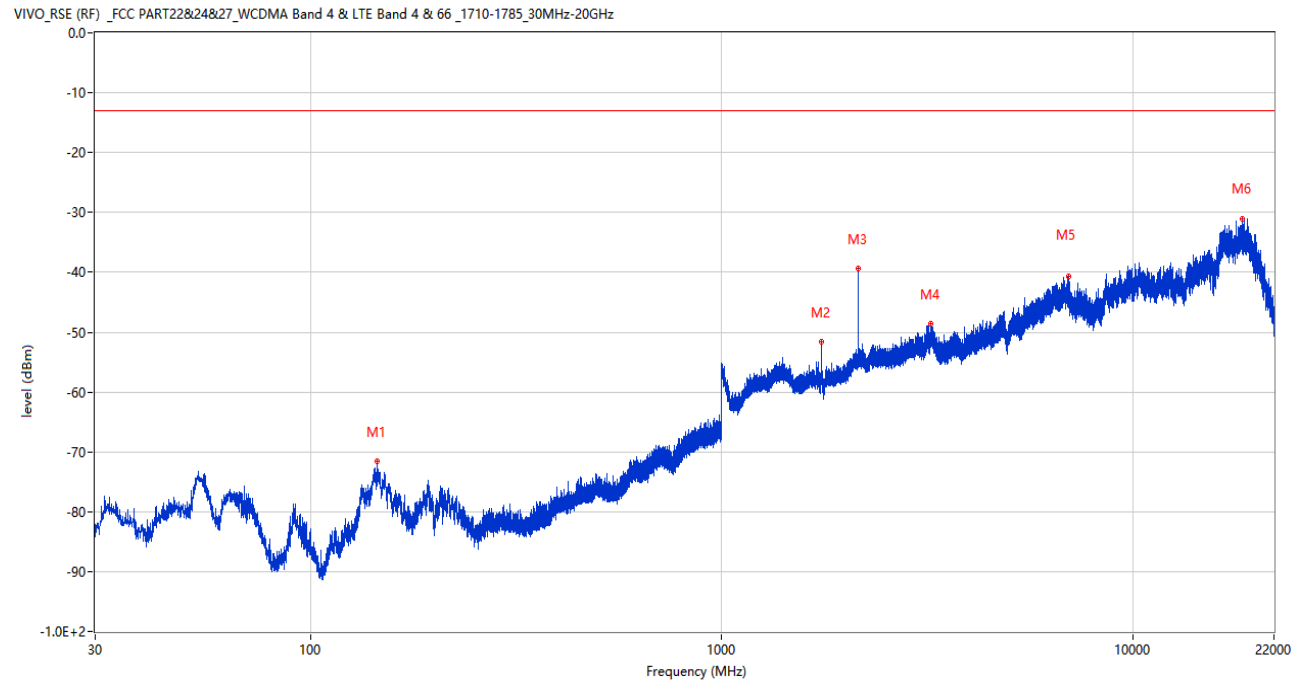


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
73.505	-73.35	-16.89	-25.0	-48.35	121.00	Vertical	Vertical	Pass
2561.900	-33.85	2.39	-25.0	-8.85	178.00	Vertical	Vertical	N/A
2626.000	-39.54	2.87	-25.0	-14.54	263.00	Vertical	Vertical	N/A
5168.400	-42.11	10.64	-25.0	-17.11	216.00	Vertical	Vertical	Pass
12861.300	-44.38	11.13	-25.0	-19.38	24.00	Vertical	Vertical	Pass
20424.200	-43.65	14.31	-25.0	-18.65	208.00	Vertical	Vertical	Pass

14 LTE Band 66

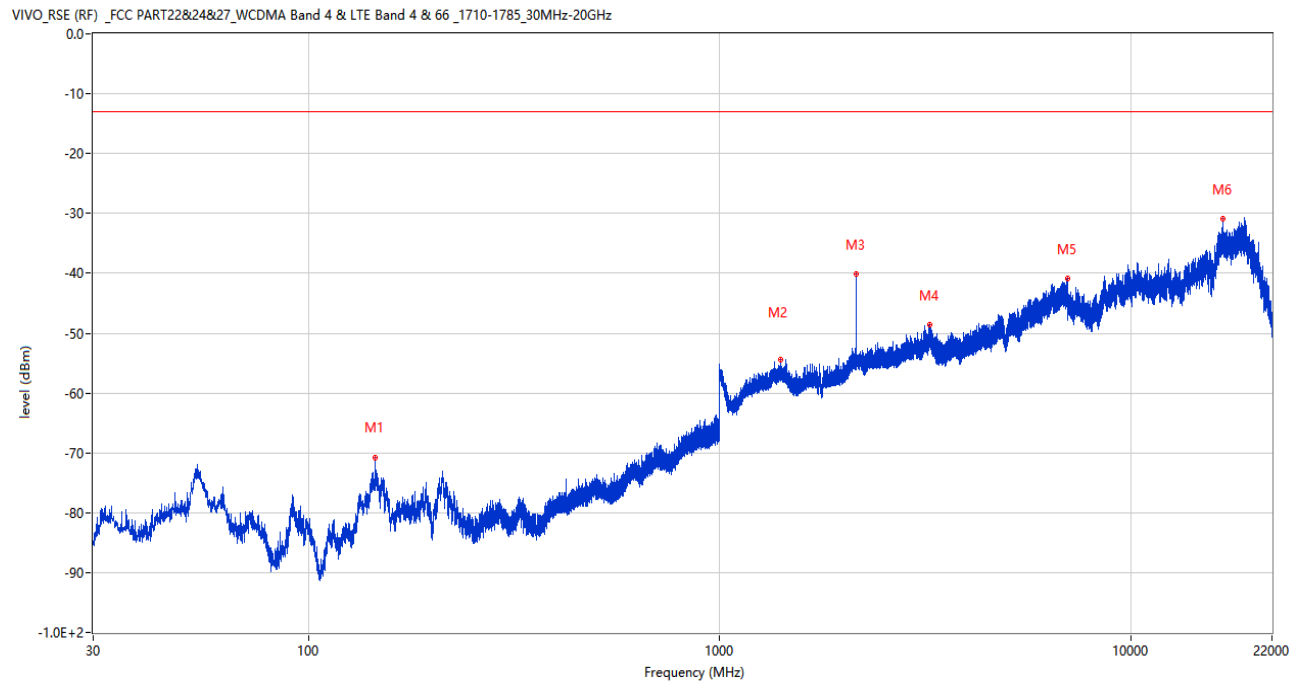
14.1 LTE Band 66 BW1.4, Middle Channel

RSE-V&V LTE Band 66 BW1.4 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.65	-15.60	-13.0	-58.65	337.00	Vertical	Vertical	Pass
1744.700	-51.69	-3.49	-13.0	-38.69	125.00	Vertical	Vertical	N/A
2144.900	-39.41	-1.06	-13.0	-26.41	184.00	Vertical	Vertical	N/A
3231.400	-48.67	6.73	-13.0	-35.67	147.00	Vertical	Vertical	Pass
6982.600	-40.62	13.54	-13.0	-27.62	177.00	Vertical	Vertical	Pass
18378.625	-31.15	25.38	-13.0	-18.15	222.00	Vertical	Vertical	Pass

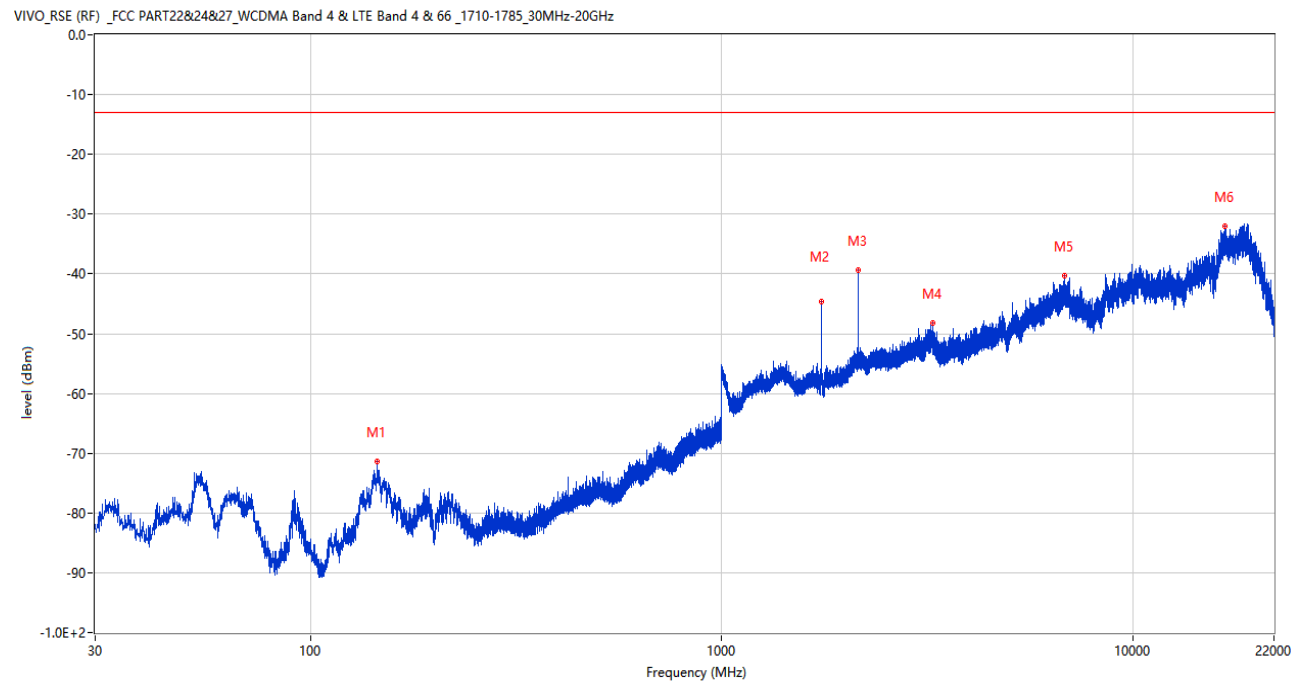
RSE-V&H LTE Band 66 BW1.4 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.81	-15.60	-13.0	-57.81	311.00	Vertical	Horizontal	Pass
1408.300	-54.46	-3.13	-13.0	-41.46	356.00	Vertical	Horizontal	Pass
2145.000	-40.13	-1.07	-13.0	-27.13	173.00	Vertical	Horizontal	N/A
3232.400	-48.61	6.81	-13.0	-35.61	359.00	Vertical	Horizontal	Pass
6999.000	-40.91	13.93	-13.0	-27.91	136.00	Vertical	Horizontal	Pass
16700.676	-30.96	26.15	-13.0	-17.96	194.00	Vertical	Horizontal	Pass

14.2 LTE Band 66 BW3, Middle Channel

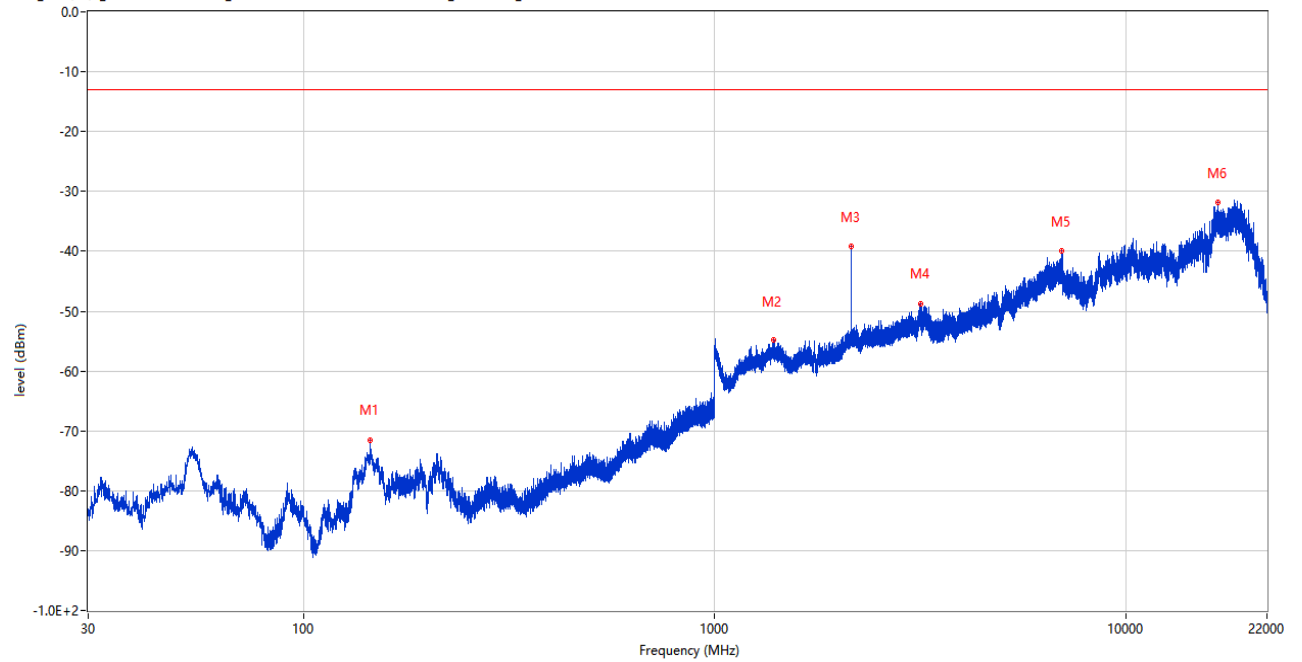
RSE-V&V LTE Band 66 BW3 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.45	-15.59	-13.0	-58.45	249.00	Vertical	Vertical	Pass
1743.900	-44.60	-3.48	-13.0	-31.60	116.00	Vertical	Vertical	N/A
2145.100	-39.32	-1.08	-13.0	-26.32	167.00	Vertical	Vertical	N/A
3256.200	-48.24	5.63	-13.0	-35.24	320.00	Vertical	Vertical	Pass
6821.000	-40.25	13.09	-13.0	-27.25	74.00	Vertical	Vertical	Pass
16723.338	-31.94	24.90	-13.0	-18.94	317.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 66 BW3 CH132322

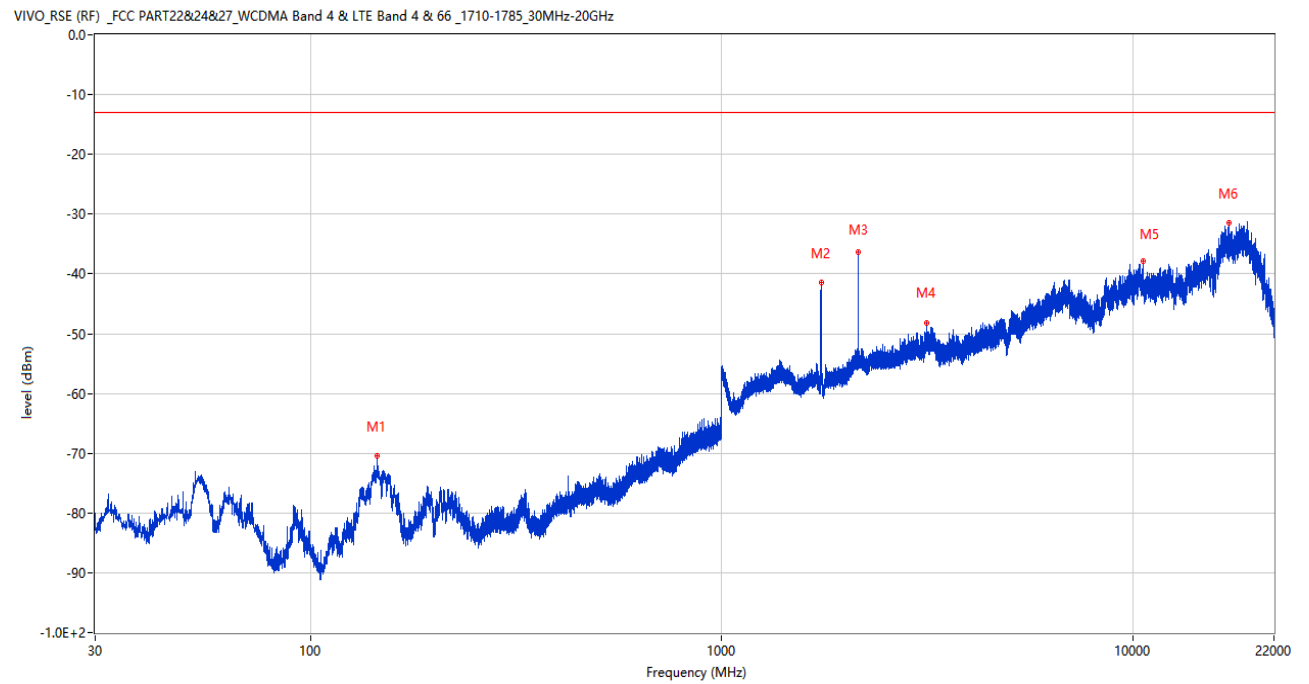
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.48	-15.60	-13.0	-58.48	304.00	Vertical	Horizontal	Pass
1392.600	-54.77	-3.04	-13.0	-41.77	164.00	Vertical	Horizontal	Pass
2144.900	-39.23	-1.06	-13.0	-26.23	178.00	Vertical	Horizontal	N/A
3159.600	-48.87	6.14	-13.0	-35.87	0.00	Vertical	Horizontal	Pass
6991.000	-39.97	13.89	-13.0	-26.97	287.00	Vertical	Horizontal	Pass
16696.511	-31.76	26.23	-13.0	-18.76	238.00	Vertical	Horizontal	Pass

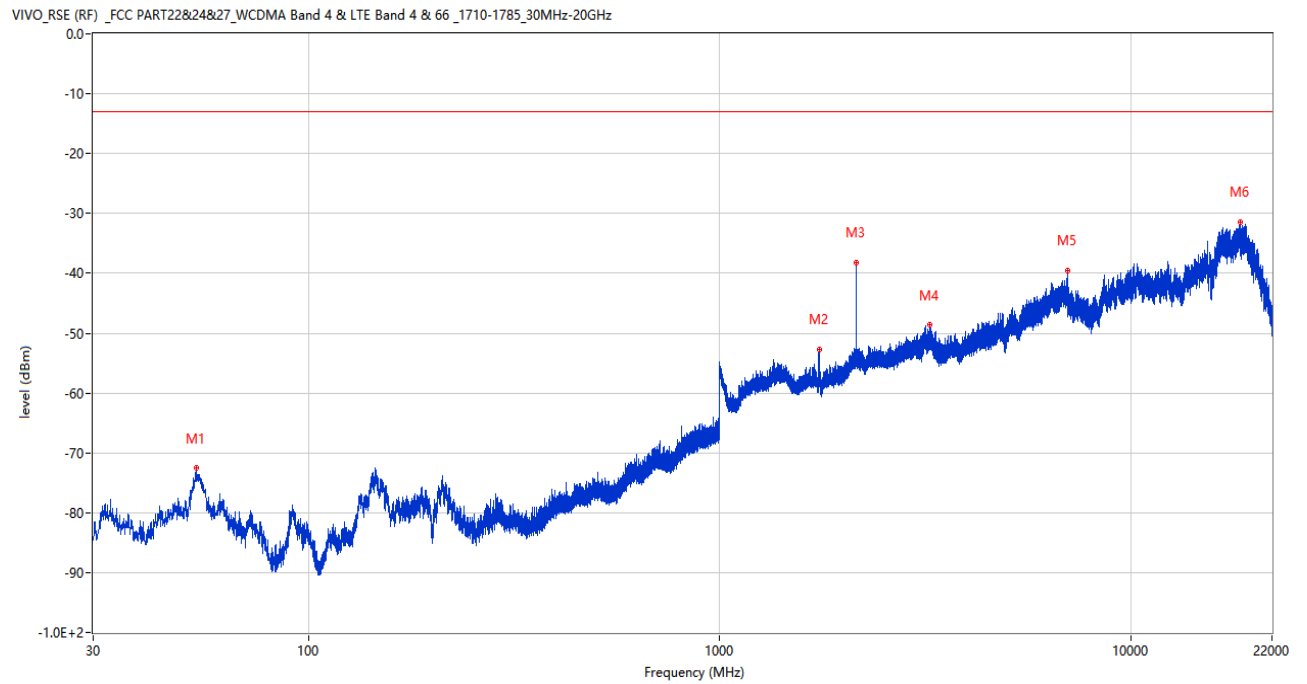
14.3 LTE Band 66 BW5, Middle Channel

RSE-V&V LTE Band 66 BW5 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.382	-70.44	-15.58	-13.0	-57.44	238.00	Vertical	Vertical	Pass
1743.100	-41.48	-3.47	-13.0	-28.48	114.00	Vertical	Vertical	N/A
2144.700	-36.42	-1.05	-13.0	-23.42	103.00	Vertical	Vertical	N/A
3145.400	-48.22	5.05	-13.0	-35.22	266.00	Vertical	Vertical	Pass
10588.000	-37.81	18.85	-13.0	-24.81	175.00	Vertical	Vertical	Pass
17060.963	-31.46	24.99	-13.0	-18.46	253.00	Vertical	Vertical	Pass

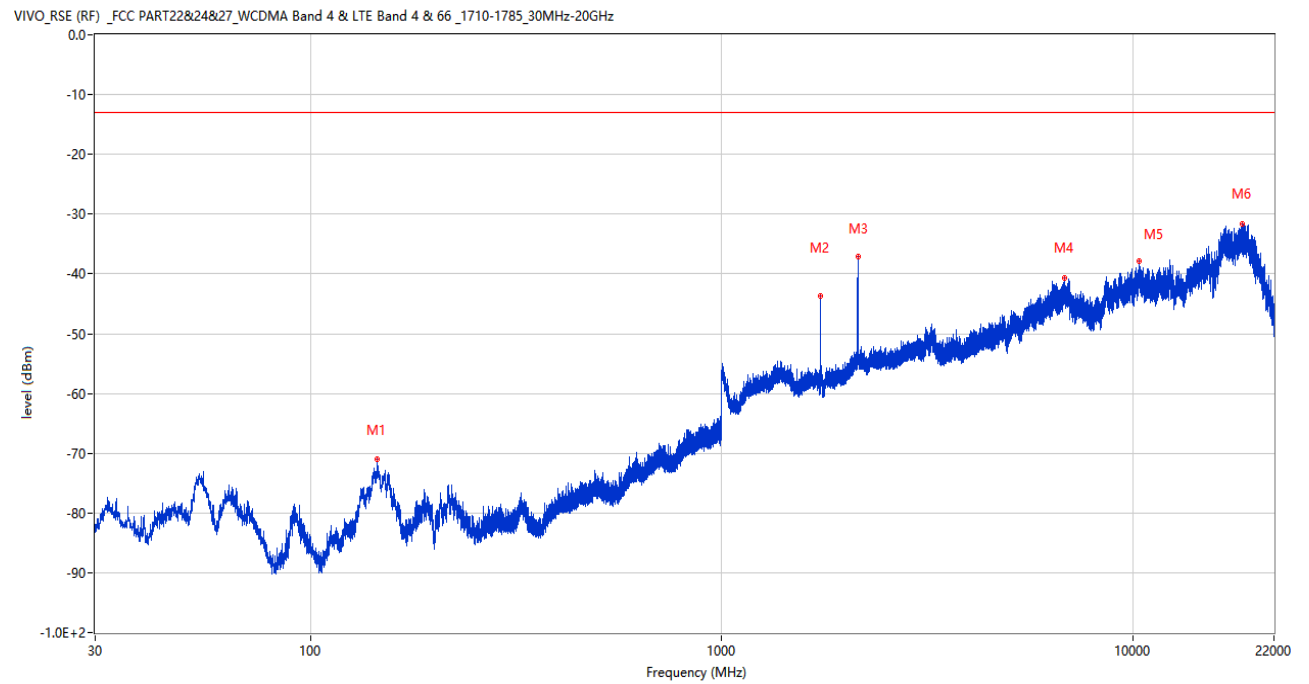
RSE-V&H LTE Band 66 BW5 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
53.377	-72.58	-14.95	-13.0	-59.58	138.00	Vertical	Horizontal	Pass
1743.000	-52.68	-3.47	-13.0	-39.68	115.00	Vertical	Horizontal	N/A
2145.000	-38.23	-1.07	-13.0	-25.23	173.00	Vertical	Horizontal	N/A
3247.800	-48.68	6.04	-13.0	-35.68	83.00	Vertical	Horizontal	Pass
6996.600	-39.63	13.88	-13.0	-26.63	109.00	Vertical	Horizontal	Pass
18443.375	-31.43	25.34	-13.0	-18.43	26.00	Vertical	Horizontal	Pass

14.4 LTE Band 66 BW10, Middle Channel

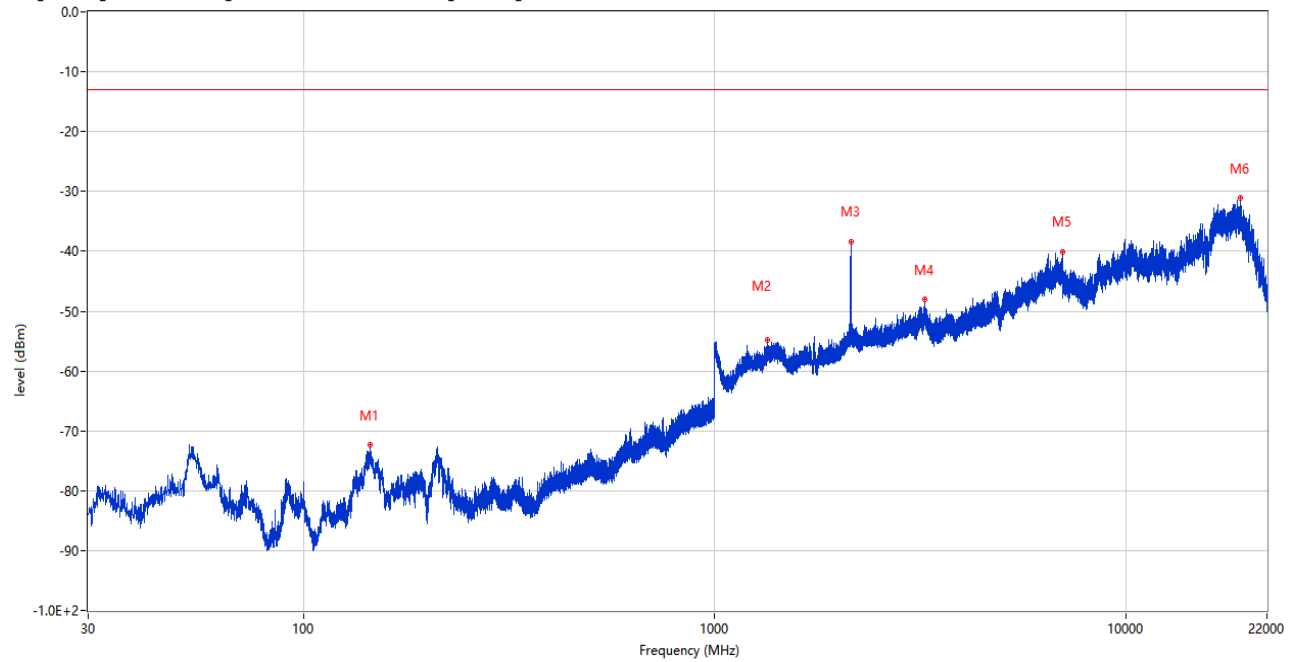
RSE-V&V LTE Band 66 BW10 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.05	-15.60	-13.0	-58.05	282.00	Vertical	Vertical	Pass
1740.900	-43.77	-3.44	-13.0	-30.77	106.00	Vertical	Vertical	N/A
2141.500	-37.16	-1.04	-13.0	-24.16	180.00	Vertical	Vertical	N/A
6808.000	-40.61	13.07	-13.0	-27.61	322.00	Vertical	Vertical	Pass
10328.388	-37.86	19.45	-13.0	-24.86	309.00	Vertical	Vertical	Pass
18409.613	-31.58	25.36	-13.0	-18.58	165.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 66 BW10 CH132322

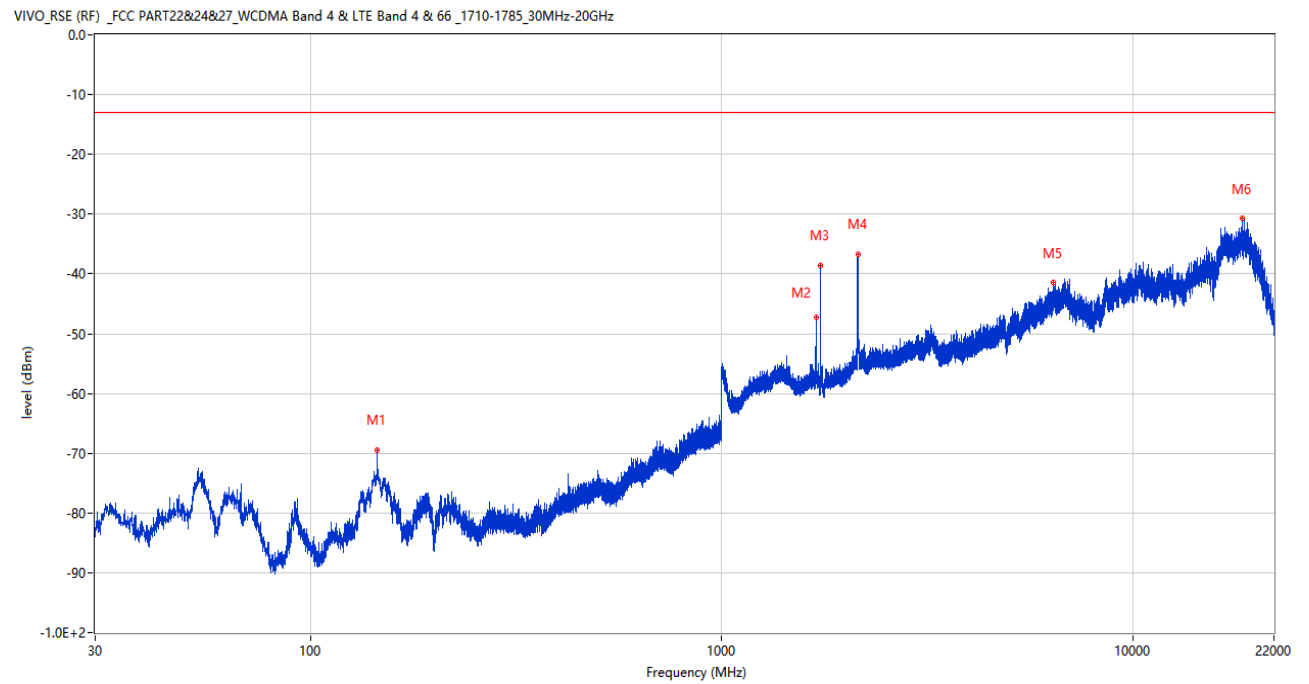
VIVO_RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.39	-15.60	-13.0	-59.39	321.00	Vertical	Horizontal	Pass
1342.400	-54.87	-3.63	-13.0	-41.87	323.00	Vertical	Horizontal	Pass
2144.900	-38.39	-1.06	-13.0	-25.39	115.00	Vertical	Horizontal	N/A
3238.400	-48.07	6.40	-13.0	-35.07	60.00	Vertical	Horizontal	Pass
6994.000	-40.04	13.89	-13.0	-27.04	193.00	Vertical	Horizontal	Pass
18932.699	-31.05	25.07	-13.0	-18.05	262.00	Vertical	Horizontal	Pass

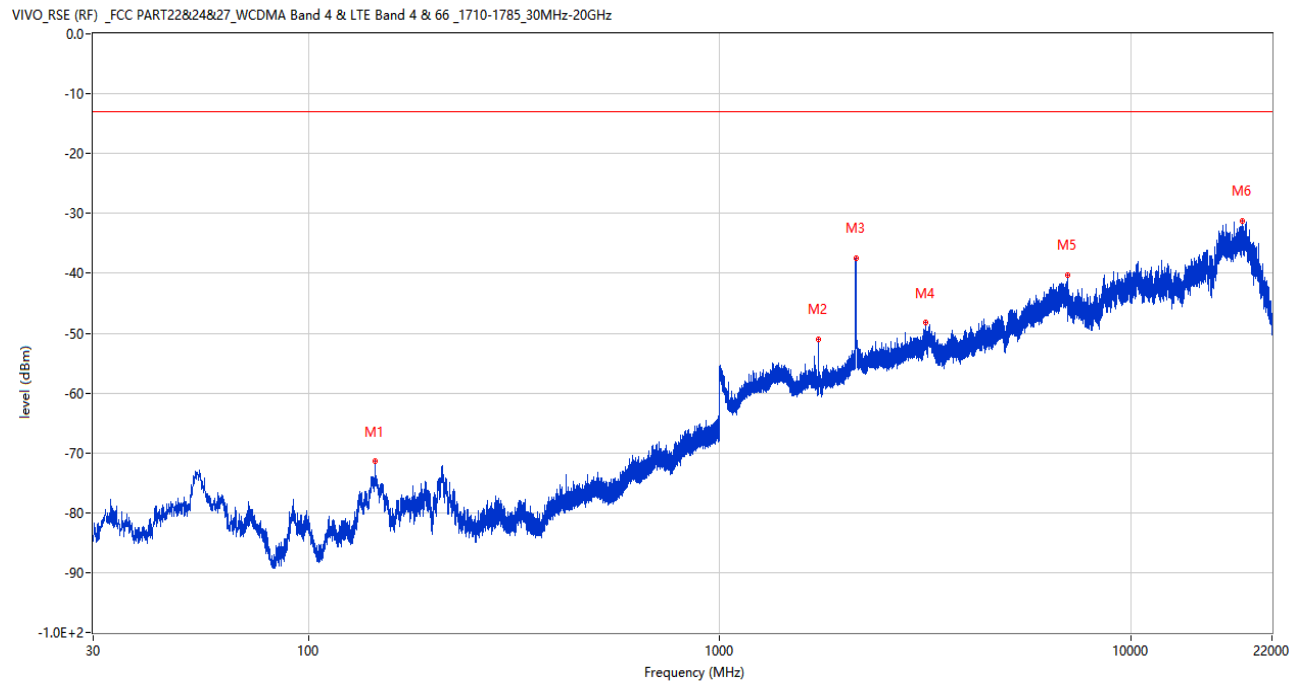
14.5 LTE Band 66 BW15, Middle Channel

RSE-V&V LTE Band 66 BW15 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-69.43	-15.60	-13.0	-56.43	316.00	Vertical	Vertical	Pass
1697.900	-47.18	-4.13	-13.0	-34.18	265.00	Vertical	Vertical	Pass
1738.500	-38.57	-3.41	-13.0	-25.57	111.00	Vertical	Vertical	N/A
2142.400	-36.65	-1.08	-13.0	-23.65	188.00	Vertical	Vertical	N/A
6389.400	-41.42	11.30	-13.0	-28.42	292.00	Vertical	Vertical	Pass
18454.012	-30.79	25.34	-13.0	-17.79	253.00	Vertical	Vertical	Pass

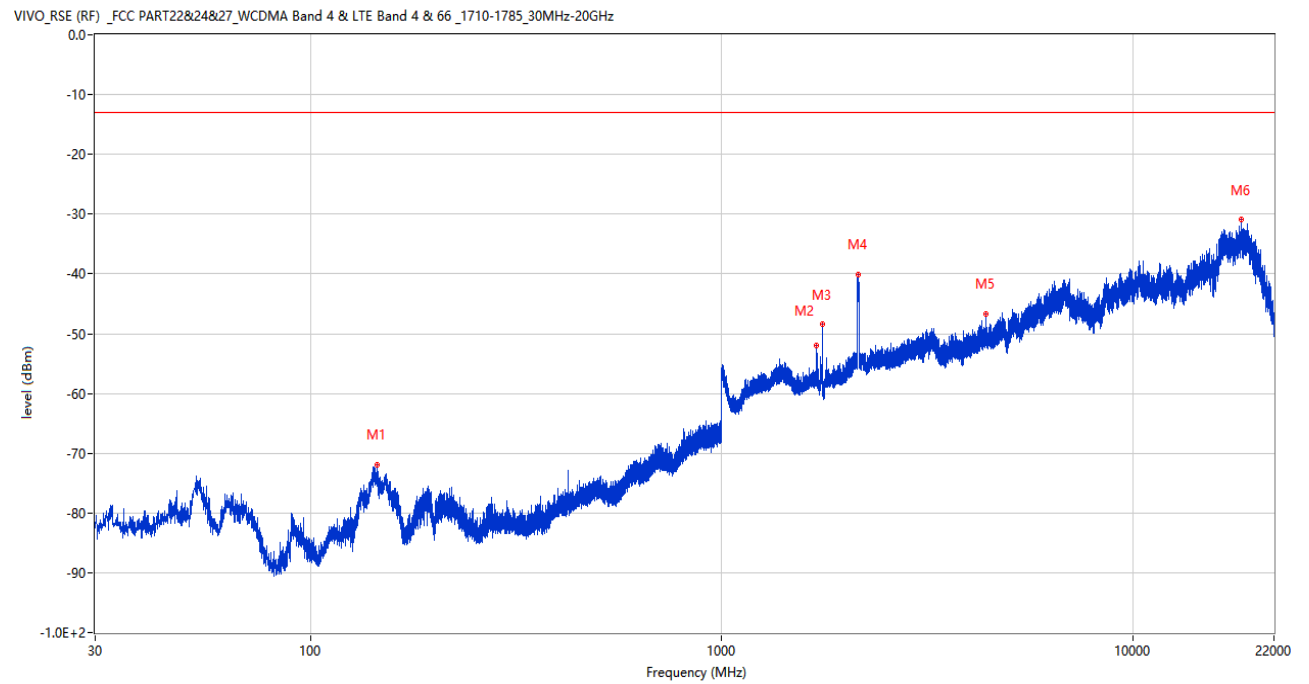
RSE-V&H LTE Band 66 BW15 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.33	-15.59	-13.0	-58.33	313.00	Vertical	Horizontal	Pass
1738.700	-51.11	-3.41	-13.0	-38.11	229.00	Vertical	Horizontal	N/A
2141.300	-37.39	-1.03	-13.0	-24.39	193.00	Vertical	Horizontal	N/A
3162.800	-48.25	6.19	-13.0	-35.25	105.00	Vertical	Horizontal	Pass
6995.800	-40.35	13.81	-13.0	-27.35	179.00	Vertical	Horizontal	Pass
18607.563	-31.34	25.25	-13.0	-18.34	165.00	Vertical	Horizontal	Pass

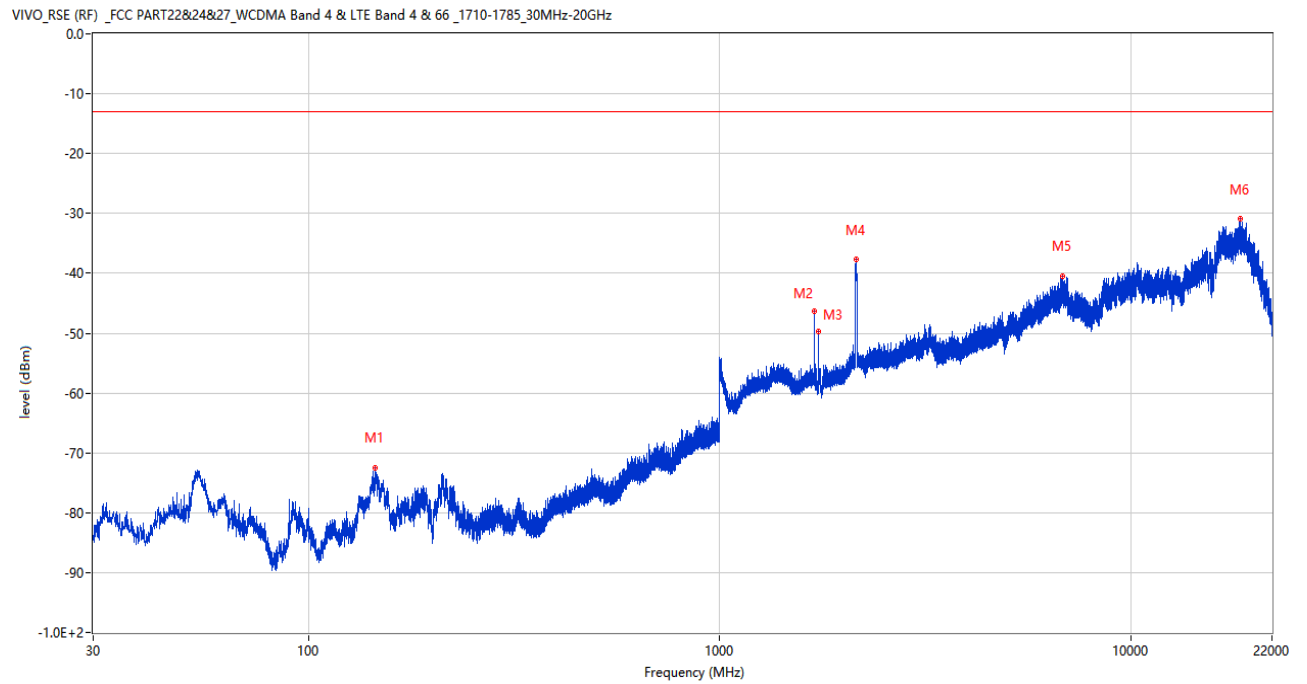
14.6 LTE Band 66 BW20, Middle Channel

RSE-V&V LTE Band 66 BW20 CH132322



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.93	-15.60	-13.0	-58.93	228.00	Vertical	Vertical	Pass
1702.300	-52.03	-2.96	-13.0	-39.03	4.00	Vertical	Vertical	N/A
1753.500	-48.46	-3.57	-13.0	-35.46	12.00	Vertical	Vertical	N/A
2149.800	-40.12	-1.01	-13.0	-27.12	12.00	Vertical	Vertical	N/A
4380.200	-46.68	6.03	-13.0	-33.68	92.00	Vertical	Vertical	Pass
18346.250	-30.90	25.40	-13.0	-17.90	271.00	Vertical	Vertical	Pass

RSE-V&H LTE Band 66 BW20 CH132322



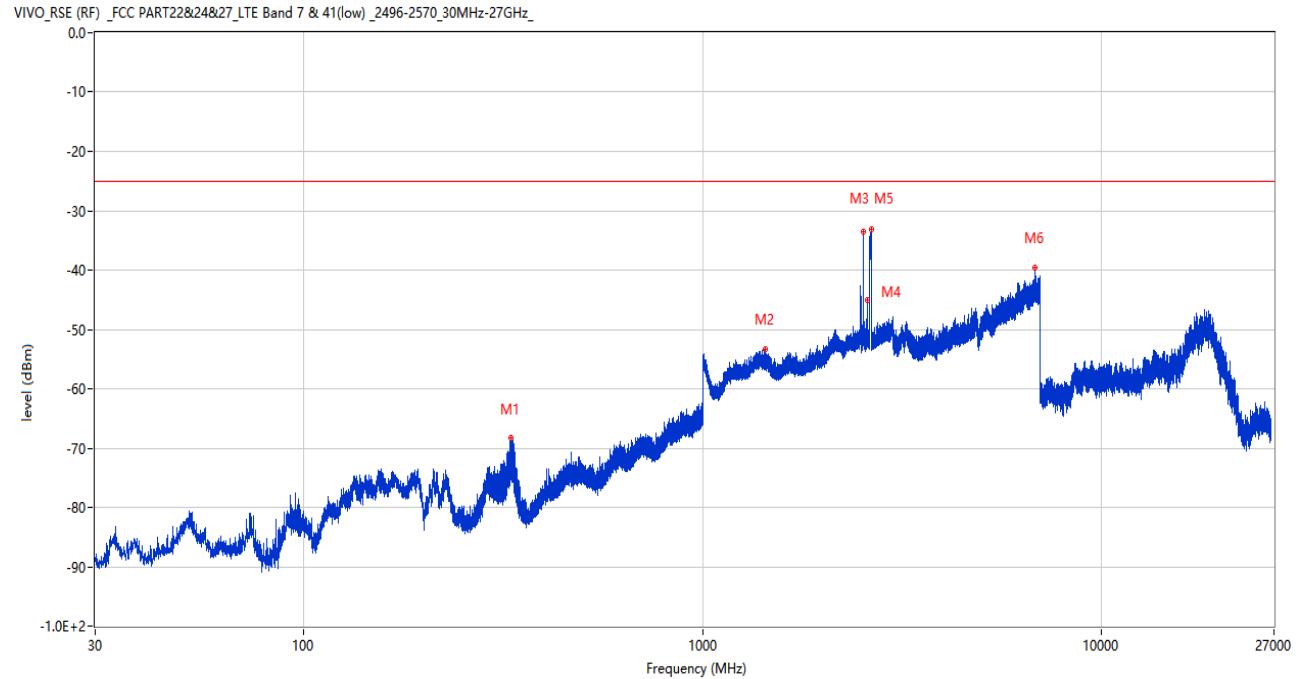
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.51	-15.60	-13.0	-59.51	330.00	Vertical	Horizontal	Pass
1700.800	-46.40	-3.51	-13.0	-33.40	0.00	Vertical	Horizontal	N/A
1736.400	-49.64	-3.38	-13.0	-36.64	222.00	Vertical	Horizontal	N/A
2146.900	-37.70	-1.18	-13.0	-24.70	113.00	Vertical	Horizontal	N/A
6808.200	-40.51	13.06	-13.0	-27.51	29.00	Vertical	Horizontal	Pass
18375.387	-30.95	25.38	-13.0	-17.95	360.00	Vertical	Horizontal	Pass

CA

15 CA_7C

15.1 CA_7C 20MHz+10MHz, QPSK, Low Channel

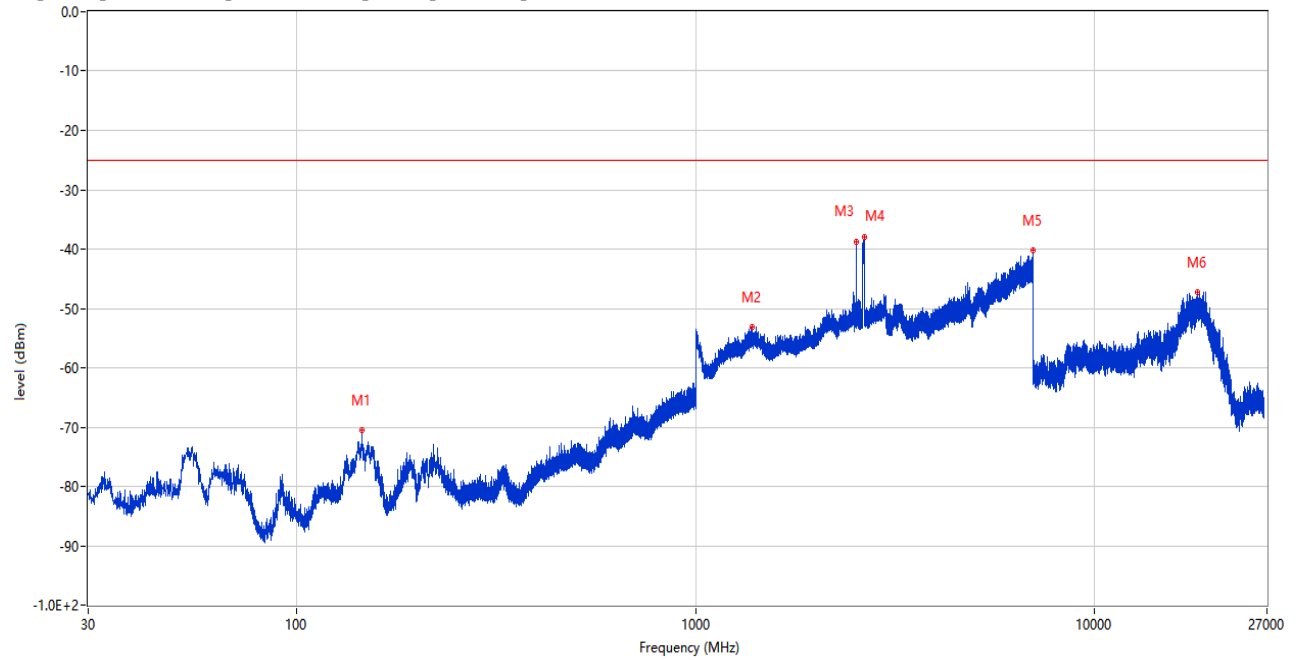
RSE-H&H PCC 20850 BW20 QPSK RB1 HIGH SCC 20994 BW10 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
331.330	-68.28	-12.11	-25.0	-43.28	131.00	Horizontal	Horizontal	Pass
1436.100	-53.26	-2.00	-25.0	-28.26	203.00	Horizontal	Horizontal	Pass
2518.900	-33.55	3.42	-25.0	-8.55	276.00	Horizontal	Horizontal	N/A
2578.100	-44.96	4.06	-25.0	-19.96	262.00	Horizontal	Horizontal	N/A
2643.500	-33.11	2.51	-25.0	-8.11	248.00	Horizontal	Horizontal	N/A
6798.200	-39.67	13.10	-25.0	-14.67	199.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 20850 BW20 QPSK RB1 HIGH SCC 20994 BW10 QPSK RB1 LOW

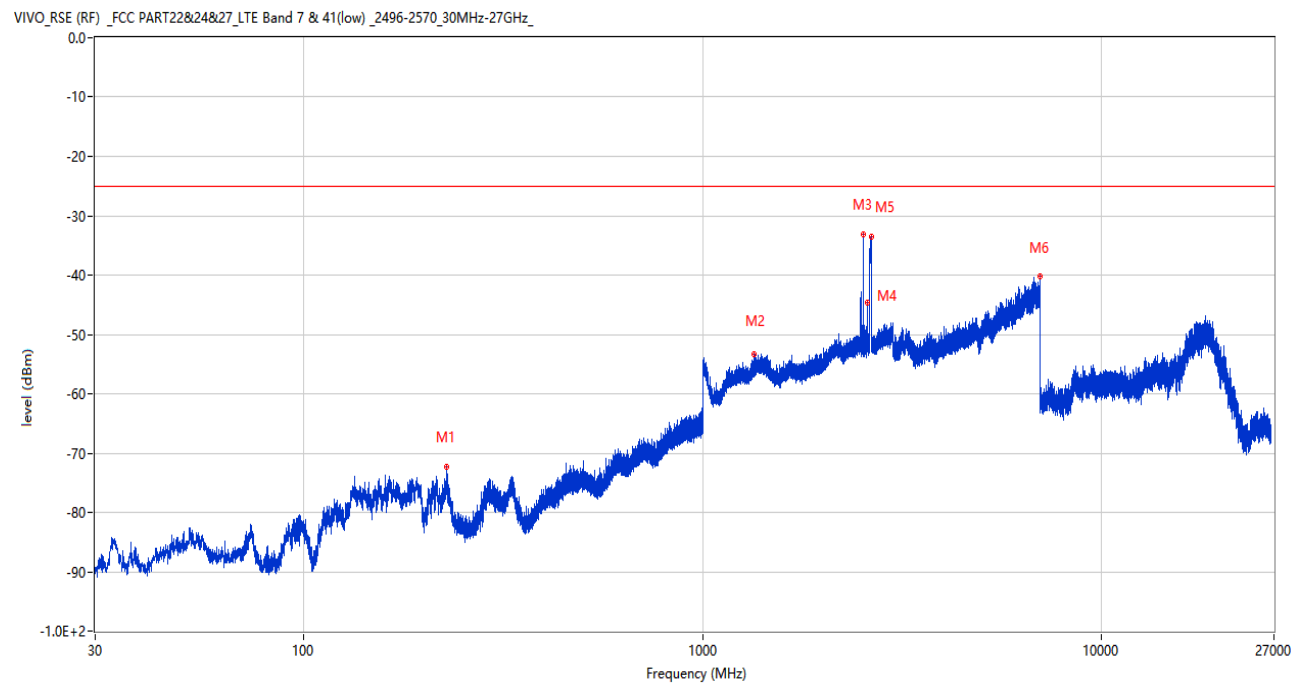
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-70.43	-15.20	-25.0	-45.43	265.00	Vertical	Vertical	Pass
1384.800	-53.14	-1.92	-25.0	-28.14	281.00	Vertical	Vertical	Pass
2519.100	-38.79	3.42	-25.0	-13.79	267.00	Vertical	Vertical	N/A
2640.900	-38.07	2.43	-25.0	-13.07	126.00	Vertical	Vertical	N/A
6996.800	-40.19	13.89	-25.0	-15.19	248.00	Vertical	Vertical	Pass
18055.250	-47.31	10.59	-25.0	-22.31	185.00	Vertical	Vertical	Pass

15.2 CA_7C 20MHz+10MHz, 16-QAM, Low Channel

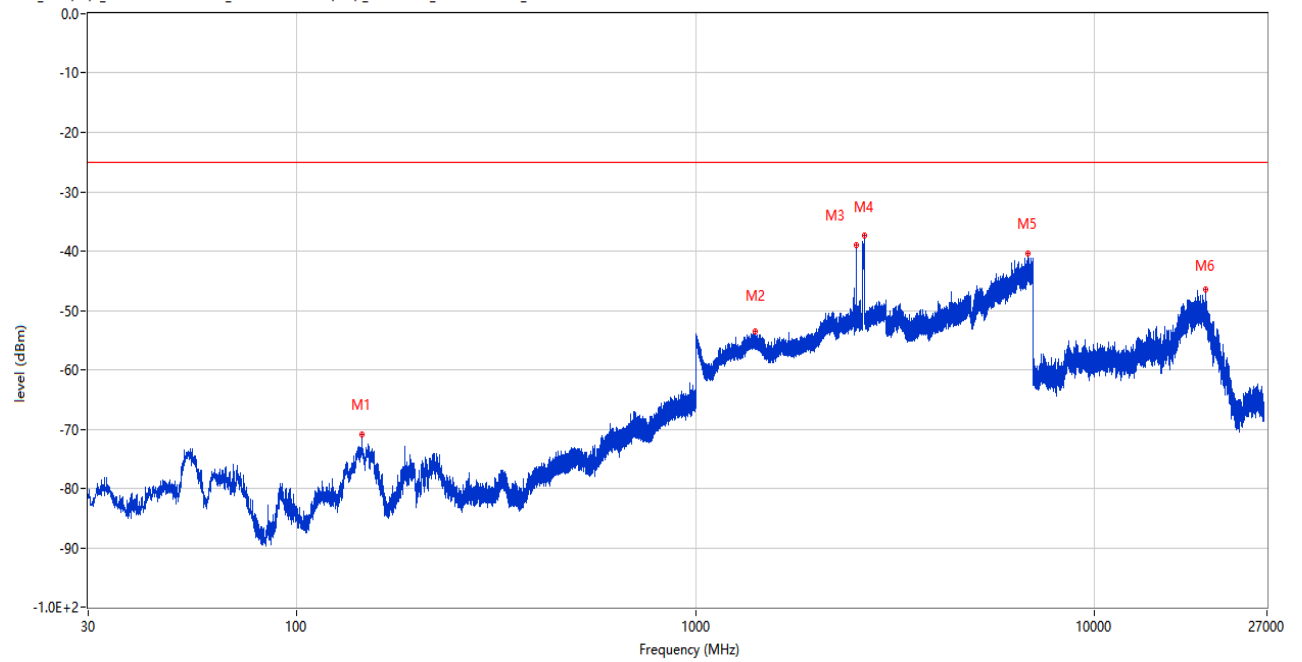
RSE-H&H PCC 20850 BW20 16-QAM RB1 HIGH SCC 20994 BW10 16-QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
228.268	-72.36	-13.46	-25.0	-47.36	346.00	Horizontal	Horizontal	Pass
1346.400	-53.29	-2.28	-25.0	-28.29	102.00	Horizontal	Horizontal	Pass
2518.900	-33.17	3.42	-25.0	-8.17	278.00	Horizontal	Horizontal	N/A
2578.300	-44.67	4.04	-25.0	-19.67	278.00	Horizontal	Horizontal	N/A
2641.500	-33.46	2.47	-25.0	-8.46	249.00	Horizontal	Horizontal	N/A
6998.600	-40.19	13.94	-25.0	-15.19	347.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 20850 BW20 16-QAM RB1 HIGH SCC 20994 BW10 16-QAM RB1 LOW

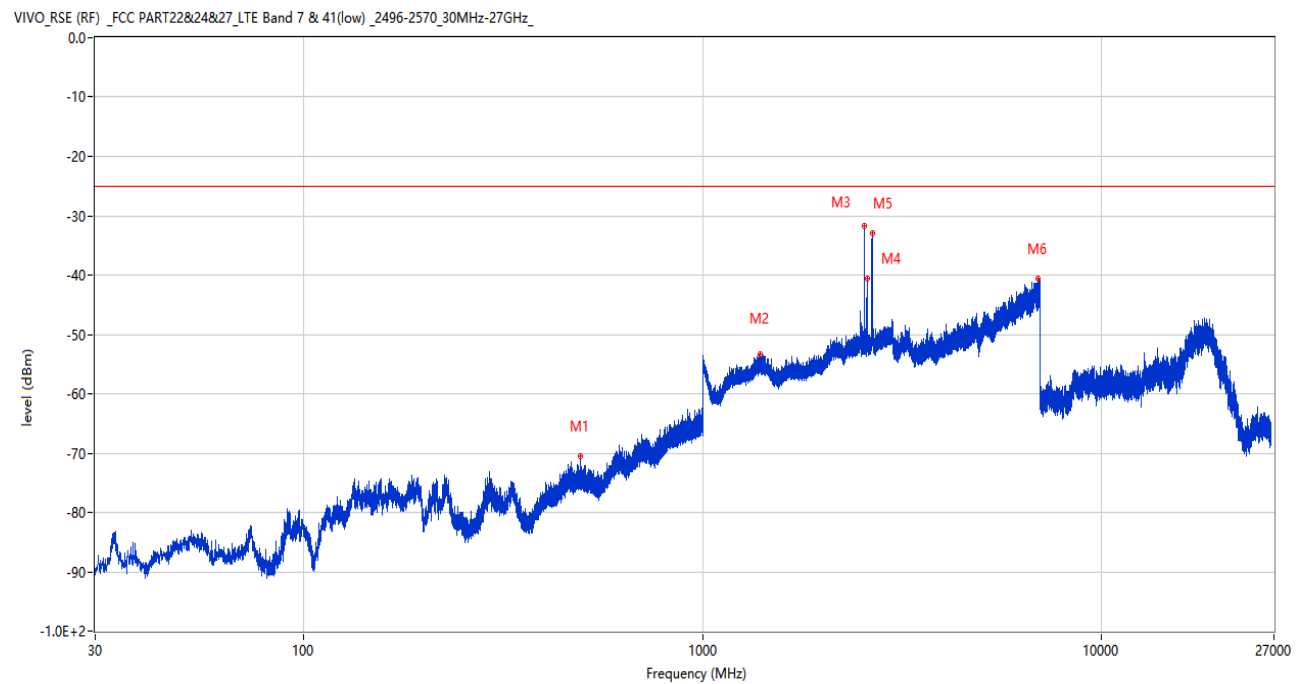
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-70.96	-15.20	-25.0	-45.96	196.00	Vertical	Vertical	Pass
1406.700	-53.60	-1.88	-25.0	-28.60	71.00	Vertical	Vertical	Pass
2519.100	-39.02	3.42	-25.0	-14.02	344.00	Vertical	Vertical	N/A
2642.100	-37.45	2.48	-25.0	-12.45	85.00	Vertical	Vertical	N/A
6810.200	-40.44	13.15	-25.0	-15.44	262.00	Vertical	Vertical	Pass
18927.776	-46.42	8.86	-25.0	-21.42	43.00	Vertical	Vertical	Pass

15.3 CA_7C 20MHz+10MHz, QPSK, Middle Channel

RSE-H&H PCC 21051 BW20 QPSK RB1 HIGH SCC 21195 BW10 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
493.709	-70.48	-5.48	-25.0	-45.48	39.00	Horizontal	Horizontal	Pass
1389.600	-53.35	-1.86	-25.0	-28.35	323.00	Horizontal	Horizontal	Pass
2539.100	-31.72	3.63	-25.0	-6.72	258.00	Horizontal	Horizontal	N/A
2578.400	-40.52	4.02	-25.0	-15.52	275.00	Horizontal	Horizontal	N/A
2661.500	-33.00	2.49	-25.0	-8.00	323.00	Horizontal	Horizontal	N/A
6905.400	-40.68	12.22	-25.0	-15.68	277.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 21051 BW20 QPSK RB1 HIGH SCC 21195 BW10 QPSK RB1 LOW

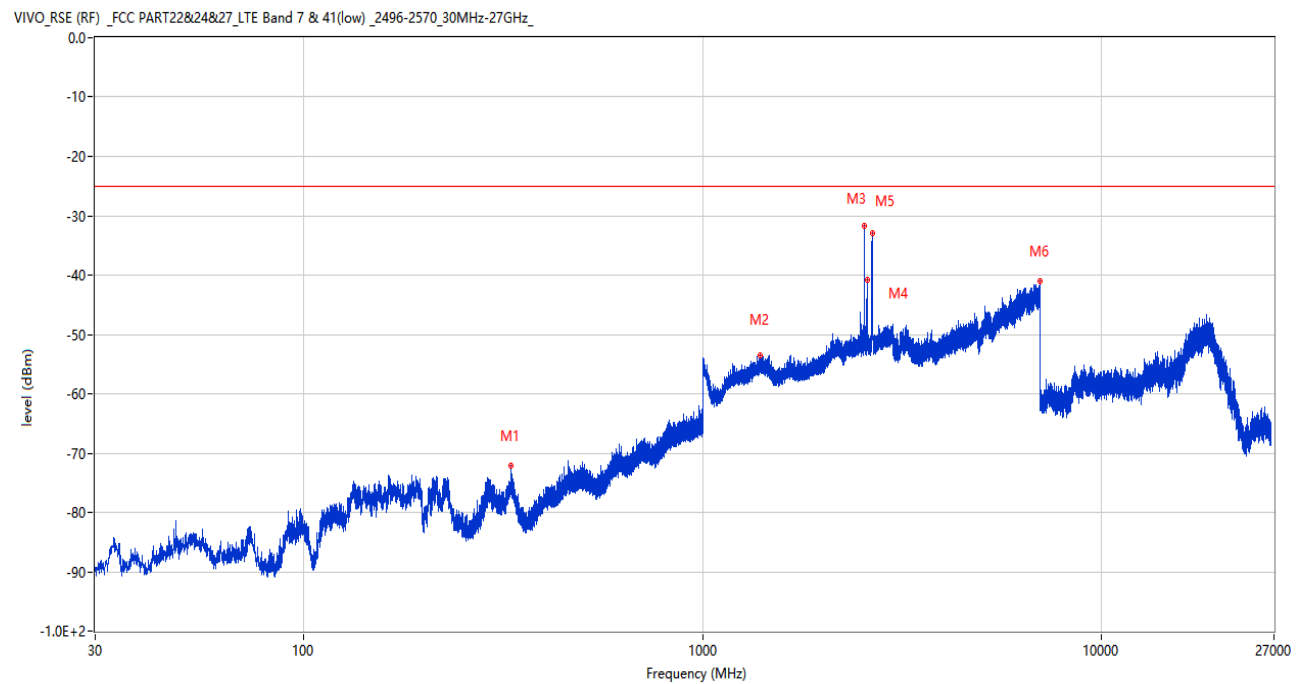
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.51	-15.21	-25.0	-45.51	207.00	Vertical	Vertical	Pass
1431.500	-53.52	-1.91	-25.0	-28.52	182.00	Vertical	Vertical	Pass
2539.400	-35.20	3.63	-25.0	-10.20	244.00	Vertical	Vertical	N/A
2578.000	-42.48	4.07	-25.0	-17.48	244.00	Vertical	Vertical	N/A
2666.900	-35.22	2.86	-25.0	-10.22	106.00	Vertical	Vertical	N/A
6989.200	-40.31	13.75	-25.0	-15.31	252.00	Vertical	Vertical	Pass

15.4 CA_7C 20MHz+10MHz, 16-QAM, Middle Channel

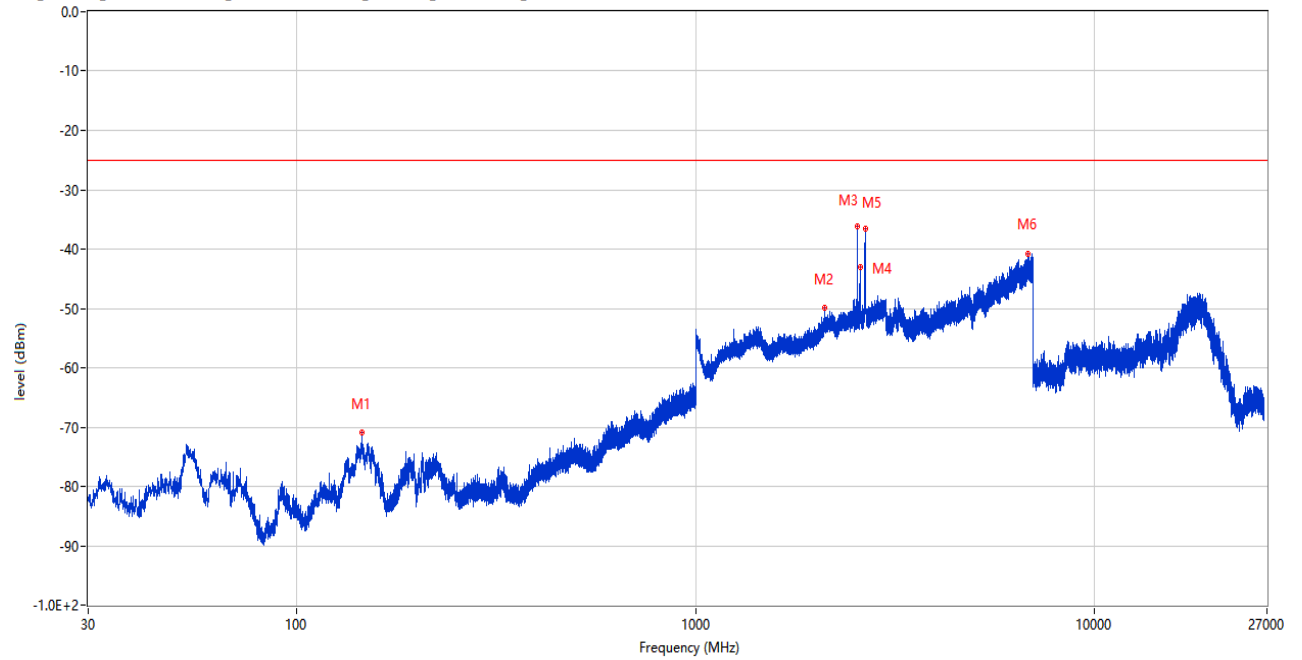
RSE-H&H PCC 21051 BW20 16-QAM RB1 HIGH SCC 21195 BW10 16-QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
330.506	-72.20	-12.17	-25.0	-47.20	170.00	Horizontal	Horizontal	Pass
1391.800	-53.52	-1.69	-25.0	-28.52	311.00	Horizontal	Horizontal	Pass
2539.200	-31.66	3.63	-25.0	-6.66	266.00	Horizontal	Horizontal	N/A
2578.500	-40.79	4.01	-25.0	-15.79	266.00	Horizontal	Horizontal	N/A
2667.200	-32.83	2.89	-25.0	-7.83	222.00	Horizontal	Horizontal	N/A
7000.000	-41.05	13.90	-25.0	-16.05	153.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 21051 BW20 16-QAM RB1 HIGH SCC 21195 BW10 16-QAM RB1 LOW

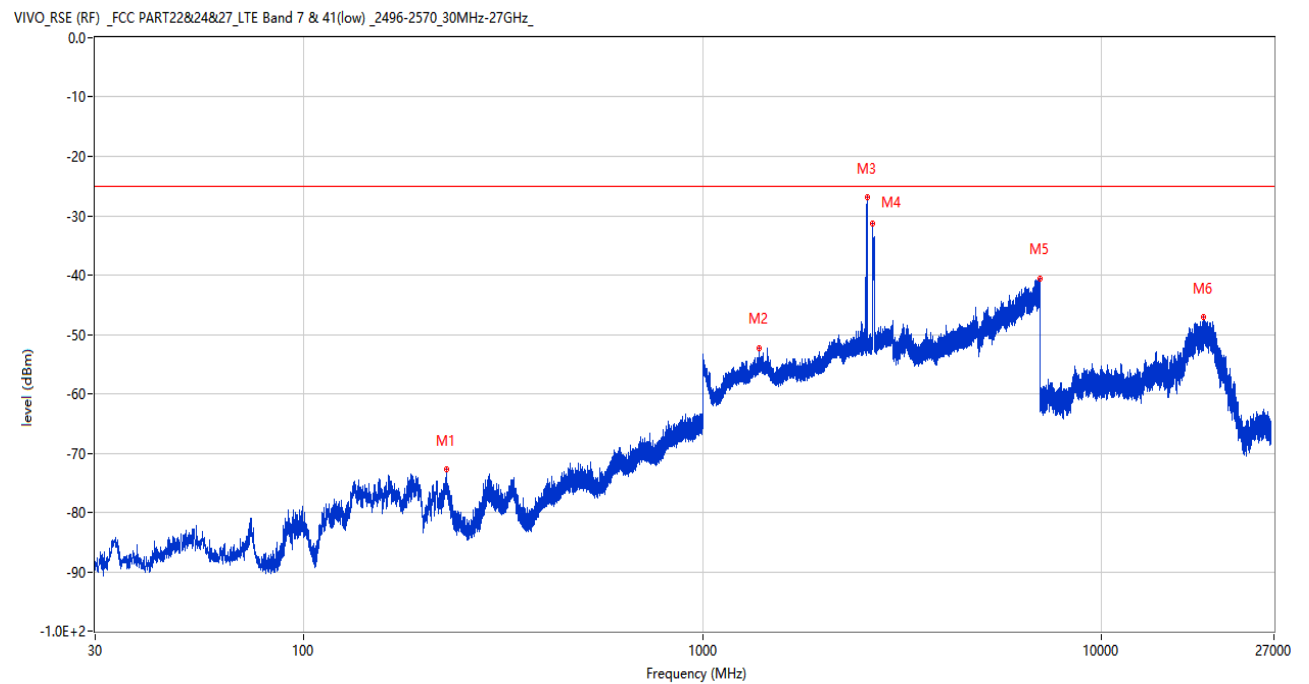
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-70.90	-15.20	-25.0	-45.90	255.00	Vertical	Vertical	Pass
2108.000	-49.90	0.79	-25.0	-24.90	299.00	Vertical	Vertical	Pass
2539.400	-36.20	3.63	-25.0	-11.20	253.00	Vertical	Vertical	N/A
2578.200	-43.03	4.05	-25.0	-18.03	253.00	Vertical	Vertical	N/A
2666.700	-36.64	2.83	-25.0	-11.64	89.00	Vertical	Vertical	N/A
6798.600	-40.84	13.11	-25.0	-15.84	272.00	Vertical	Vertical	Pass

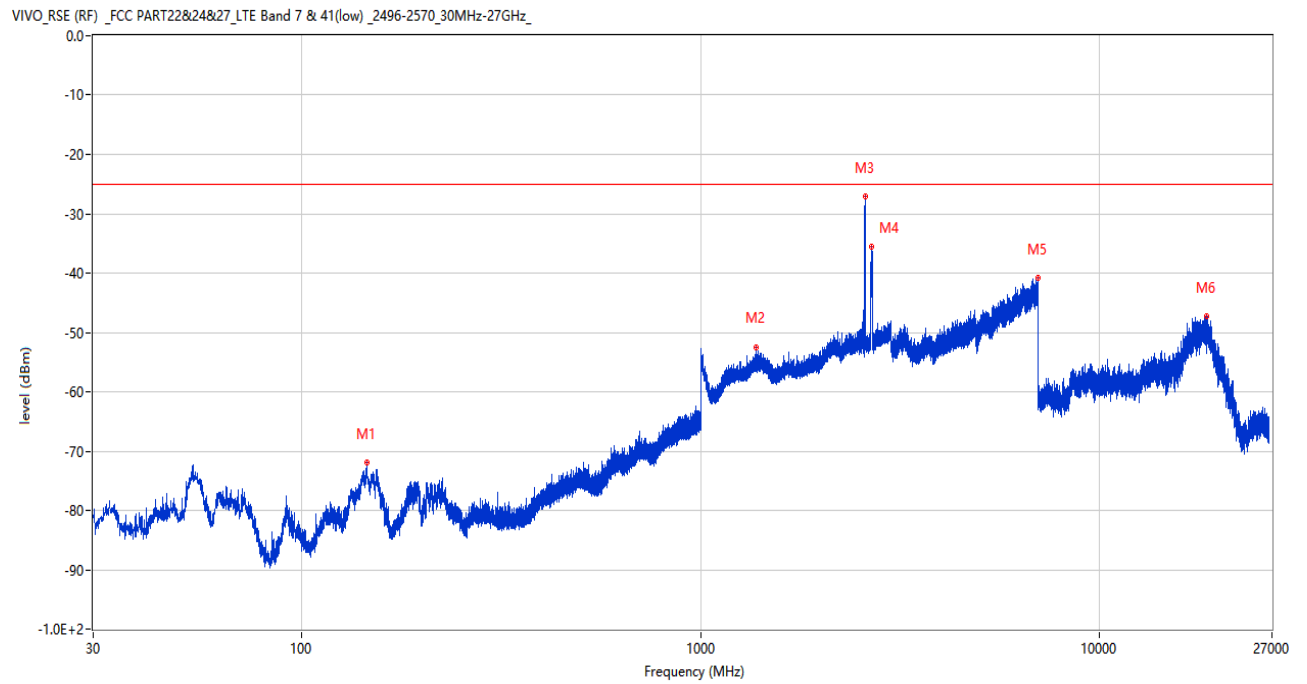
15.5 CA_7C 20MHz+10MHz, QPSK, High Channel

RSE-H&H PCC 21251 BW20 QPSK RB1 HIGH SCC 21395 BW10 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
227.395	-72.72	-13.51	-25.0	-47.72	26.00	Horizontal	Horizontal	Pass
1387.800	-52.40	-1.83	-25.0	-27.40	51.00	Horizontal	Horizontal	Pass
2577.900	-26.96	4.08	-25.0	-1.96	186.00	Horizontal	Horizontal	N/A
2669.400	-31.30	2.91	-25.0	-6.30	253.00	Horizontal	Horizontal	N/A
6997.000	-40.58	13.91	-25.0	-15.58	342.00	Horizontal	Horizontal	Pass
17978.474	-47.10	10.64	-25.0	-22.10	35.00	Horizontal	Horizontal	Pass

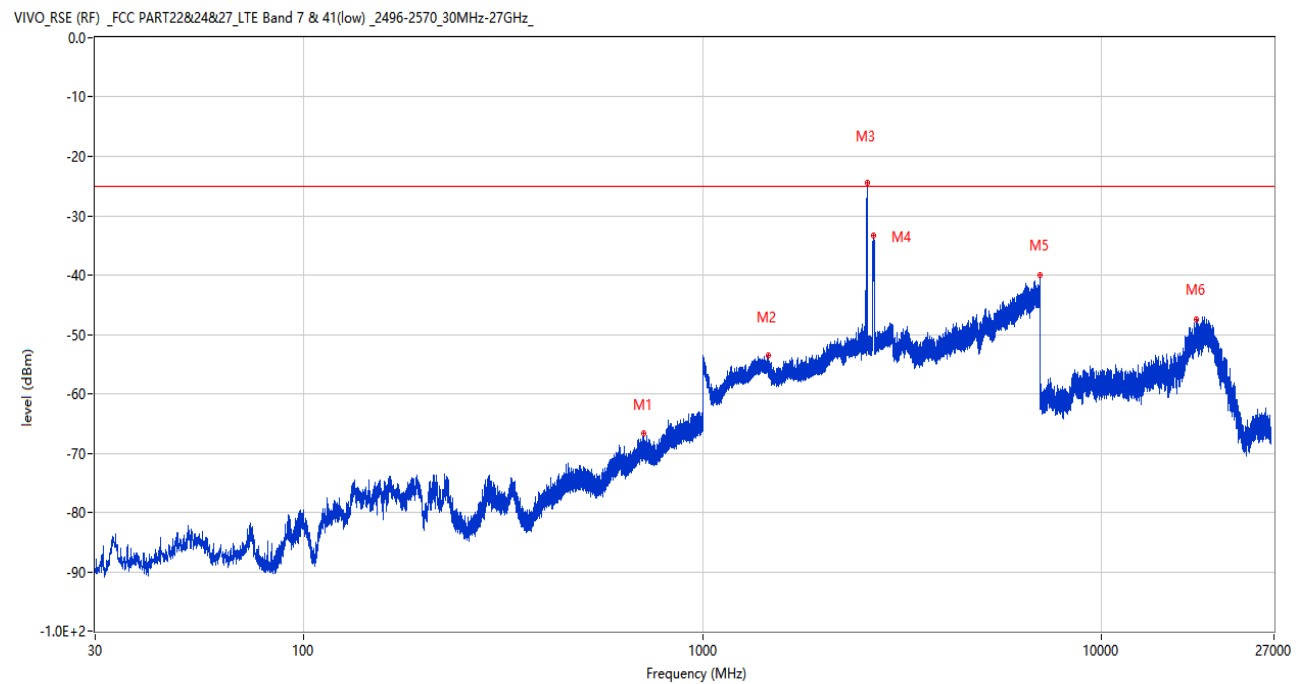
RSE-V&V PCC 21251 BW20 QPSK RB1 HIGH SCC 21395 BW10 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.98	-15.20	-25.0	-46.98	224.00	Vertical	Vertical	Pass
1379.100	-52.57	-1.98	-25.0	-27.57	172.00	Vertical	Vertical	Pass
2578.800	-27.15	3.98	-25.0	-2.15	255.00	Vertical	Vertical	N/A
2681.700	-35.60	2.93	-25.0	-10.60	121.00	Vertical	Vertical	N/A
6997.400	-40.86	13.94	-25.0	-15.86	85.00	Vertical	Vertical	Pass
18539.749	-47.34	9.63	-25.0	-22.34	330.00	Vertical	Vertical	Pass

15.6 CA_7C 20MHz+10MHz, 16-QAM, High Channel

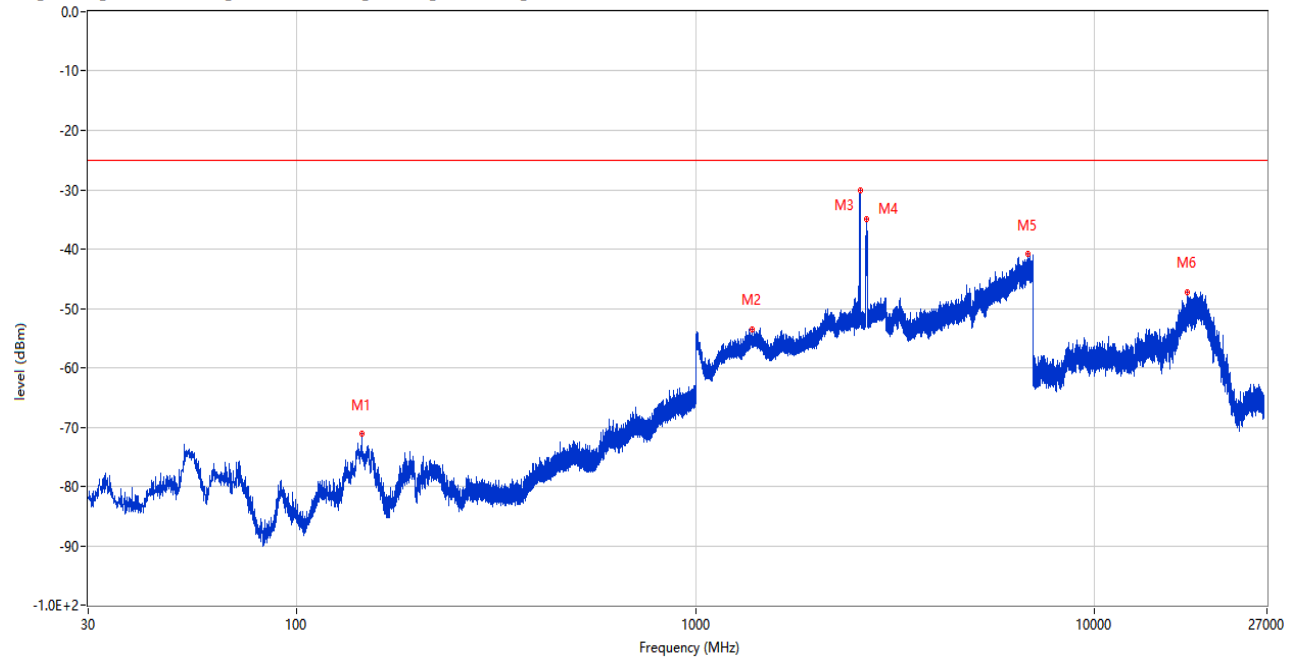
RSE-H&H PCC 21251 BW20 16-QAM RB1 HIGH SCC 21395 BW10 16-QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
712.104	-66.62	0.37	-25.0	-41.62	67.00	Horizontal	Horizontal	Pass
1457.000	-53.61	-2.31	-25.0	-28.61	141.00	Horizontal	Horizontal	Pass
2577.900	-24.52	4.08	-25.0	0.48	281.00	Horizontal	Horizontal	N/A
2681.800	-33.41	2.93	-25.0	-8.41	315.00	Horizontal	Horizontal	N/A
6980.800	-40.08	13.50	-25.0	-15.08	96.00	Horizontal	Horizontal	Pass
17210.137	-47.56	10.11	-25.0	-22.56	148.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 21251 BW20 16-QAM RB1 HIGH SCC 21395 BW10 16-QAM RB1 LOW

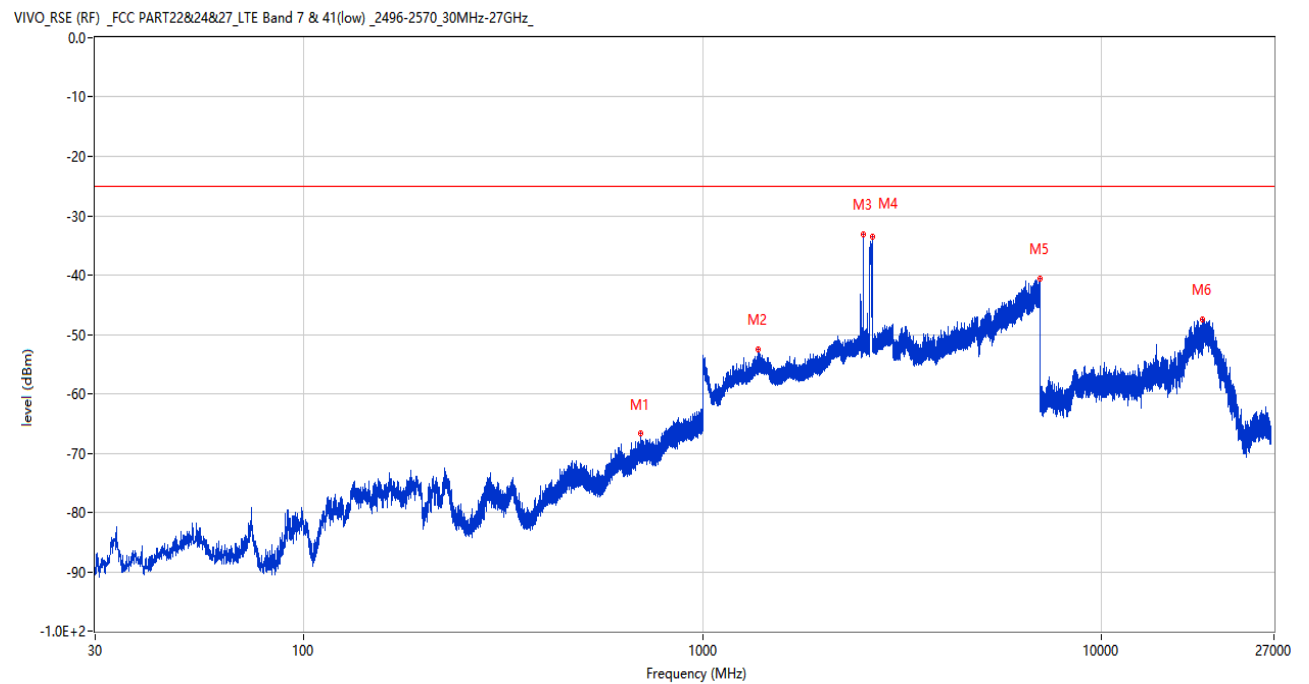
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.430	-71.07	-15.20	-25.0	-46.07	260.00	Vertical	Vertical	Pass
1384.000	-53.62	-2.01	-25.0	-28.62	226.00	Vertical	Vertical	Pass
2577.600	-30.09	4.09	-25.0	-5.09	70.00	Vertical	Vertical	N/A
2684.100	-35.04	3.13	-25.0	-10.04	70.00	Vertical	Vertical	N/A
6813.600	-40.75	13.14	-25.0	-15.75	272.00	Vertical	Vertical	Pass
17058.150	-47.36	9.93	-25.0	-22.36	131.00	Vertical	Vertical	Pass

15.7 CA_7C 20MHz+20MHz, QPSK, Low Channel

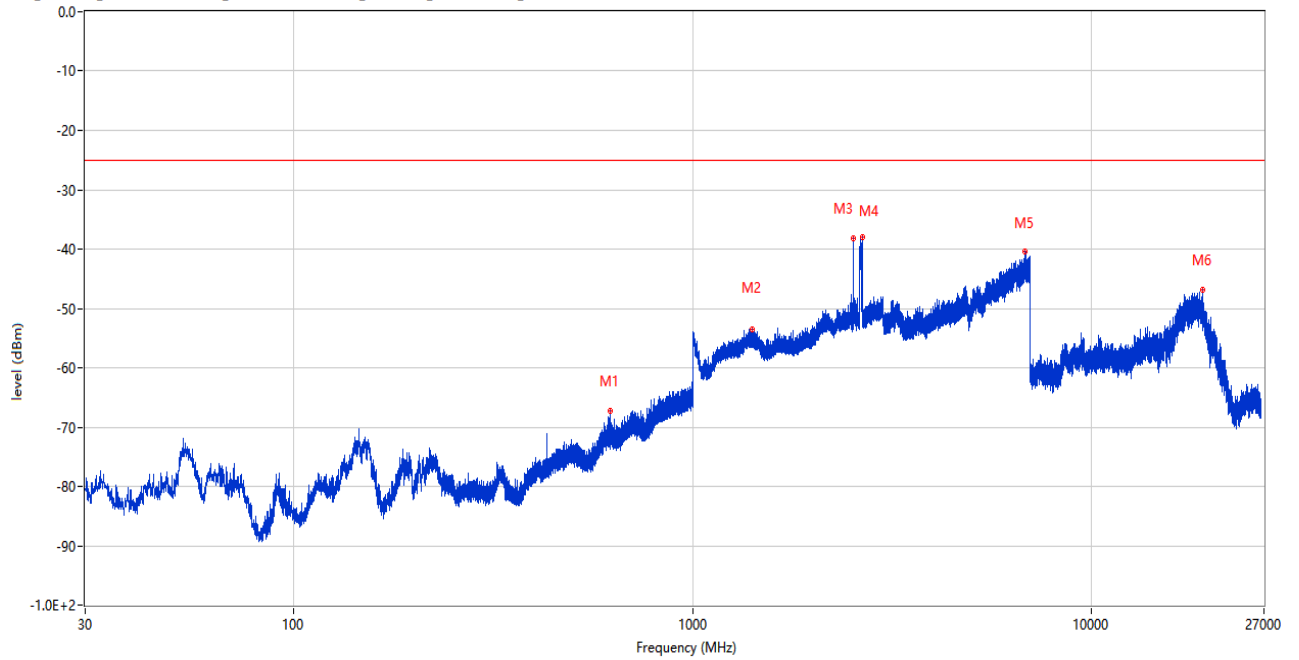
RSE-H&H PCC 20850 BW20 QPSK RB1 HIGH SCC 21048 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
698.281	-66.65	0.27	-25.0	-41.65	359.00	Horizontal	Horizontal	Pass
1379.700	-52.57	-1.96	-25.0	-27.57	89.00	Horizontal	Horizontal	Pass
2519.100	-33.09	3.42	-25.0	-8.09	267.00	Horizontal	Horizontal	N/A
2656.100	-33.60	2.54	-25.0	-8.60	320.00	Horizontal	Horizontal	N/A
6996.800	-40.64	13.89	-25.0	-15.64	0.00	Horizontal	Horizontal	Pass
17873.738	-47.58	9.97	-25.0	-22.58	196.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 20850 BW20 QPSK RB1 HIGH SCC 21048 BW20 QPSK RB1 LOW

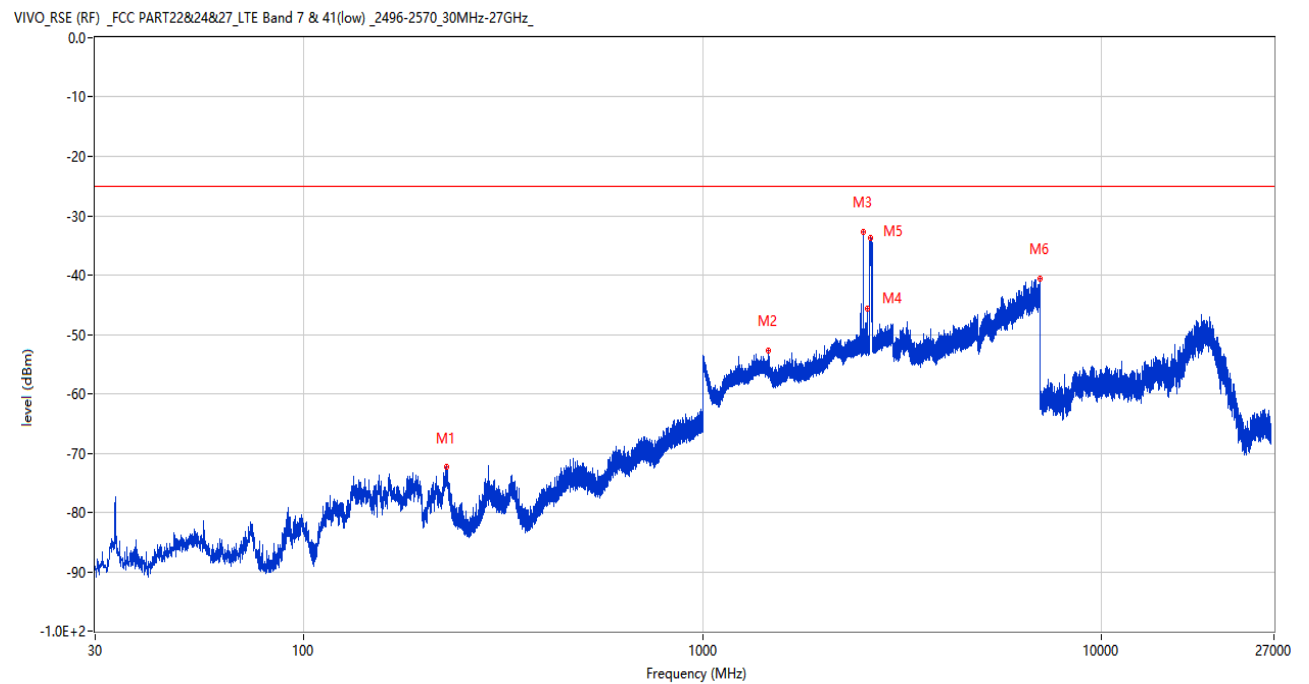
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
620.148	-67.19	-1.92	-25.0	-42.19	70.00	Vertical	Vertical	Pass
1408.700	-53.51	-1.85	-25.0	-28.51	162.00	Vertical	Vertical	Pass
2519.100	-38.27	3.42	-25.0	-13.27	233.00	Vertical	Vertical	N/A
2655.400	-37.95	2.54	-25.0	-12.95	108.00	Vertical	Vertical	N/A
6815.600	-40.49	13.12	-25.0	-15.49	305.00	Vertical	Vertical	Pass
18948.176	-46.81	8.82	-25.0	-21.81	20.00	Vertical	Vertical	Pass

15.8 CA_7C 20MHz+20MHz, 16-QAM, Low Channel

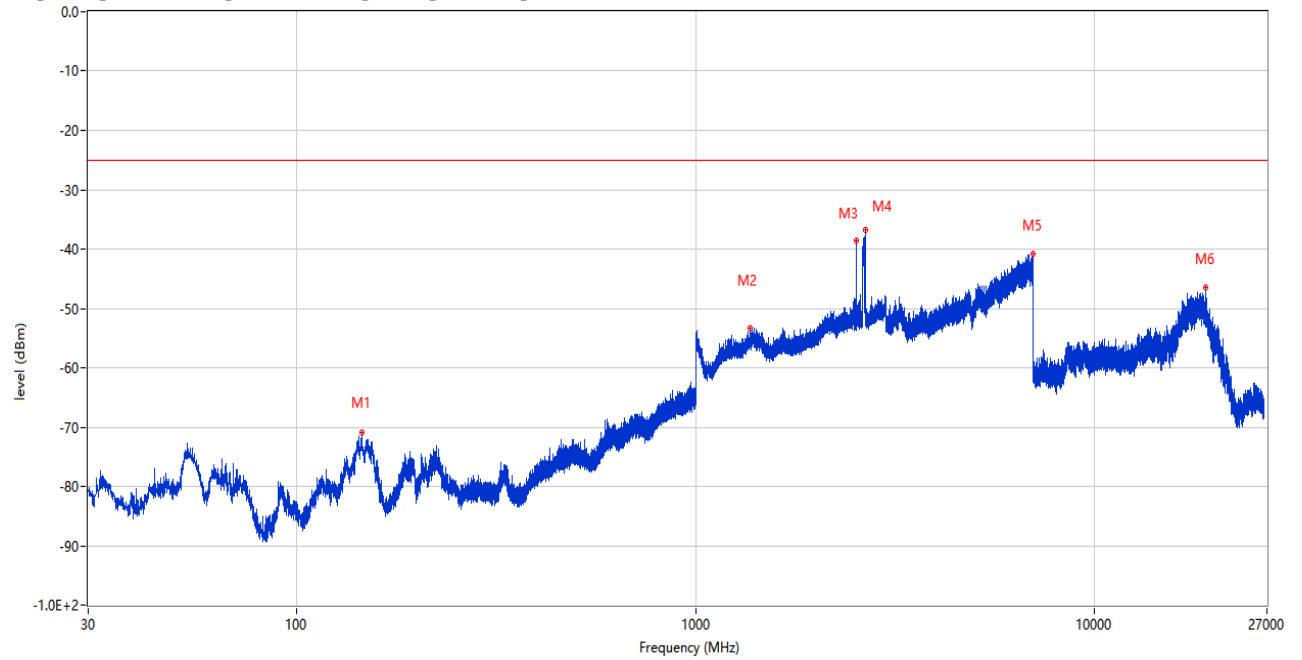
RSE-H&H PCC 20850 BW20 16QAM RB1 HIGH SCC 21048 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
227.444	-72.34	-13.51	-25.0	-47.34	31.00	Horizontal	Horizontal	Pass
1459.200	-52.81	-2.43	-25.0	-27.81	240.00	Horizontal	Horizontal	Pass
2519.100	-32.76	3.42	-25.0	-7.76	276.00	Horizontal	Horizontal	N/A
2583.400	-45.69	3.16	-25.0	-20.69	276.00	Horizontal	Horizontal	N/A
2624.700	-33.70	2.62	-25.0	-8.70	313.00	Horizontal	Horizontal	N/A
6990.400	-40.65	13.85	-25.0	-15.65	0.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 20850 BW20 16QAM RB1 HIGH SCC 21048 BW20 16QAM RB1 LOW

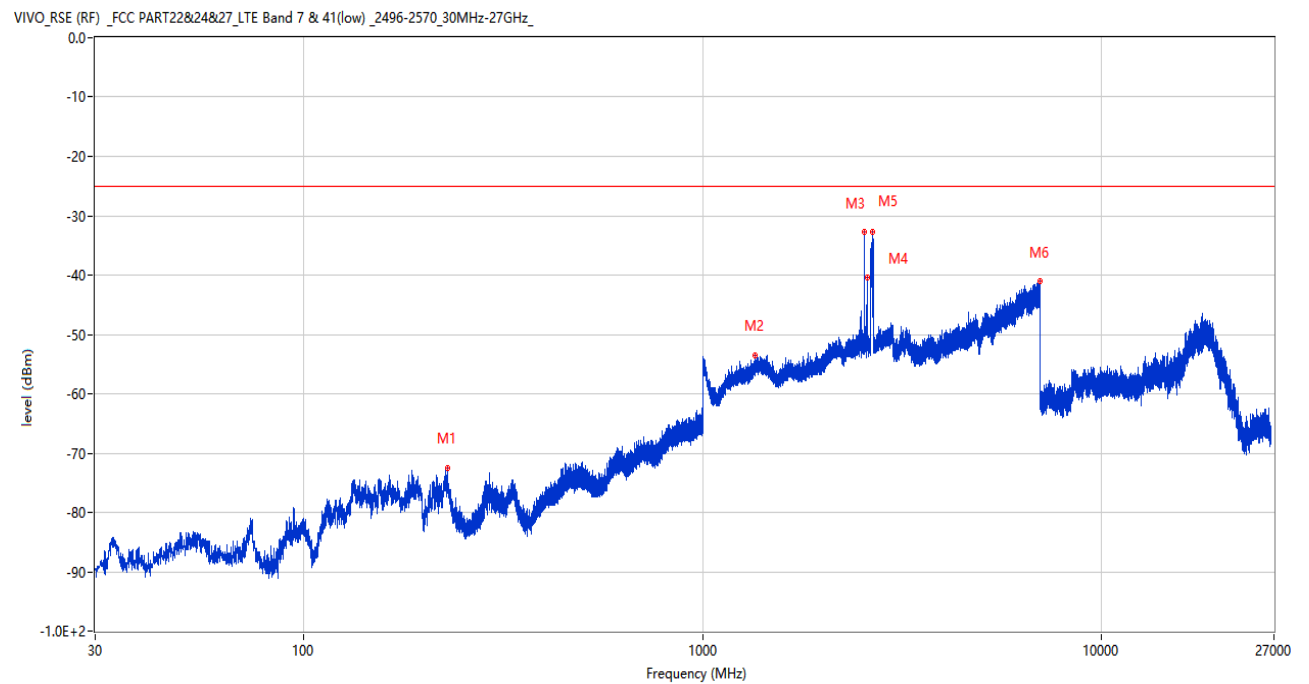
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-27GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.382	-70.89	-15.19	-25.0	-45.89	195.00	Vertical	Vertical	Pass
1368.900	-53.25	-1.97	-25.0	-28.25	75.00	Vertical	Vertical	Pass
2518.900	-38.65	3.42	-25.0	-13.65	276.00	Vertical	Vertical	N/A
2655.900	-36.81	2.54	-25.0	-11.81	93.00	Vertical	Vertical	N/A
6998.800	-40.79	13.94	-25.0	-15.79	194.00	Vertical	Vertical	Pass
18921.400	-46.43	8.88	-25.0	-21.43	299.00	Vertical	Vertical	Pass

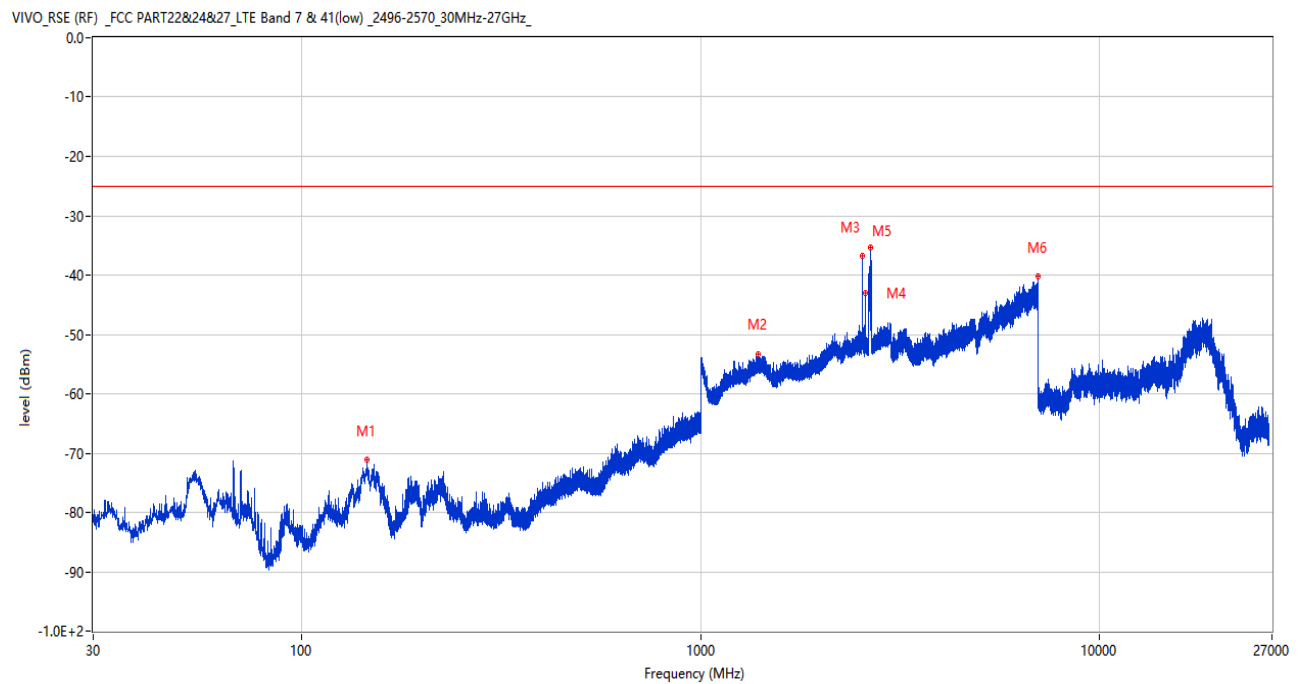
15.9 CA_7C 20MHz+20MHz, QPSK, Middle Channel

RSE-H&H PCC 21001 BW20 QPSK RB1 HIGH SCC 21199 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
228.753	-72.57	-13.46	-25.0	-47.57	52.00	Horizontal	Horizontal	Pass
1351.800	-53.60	-2.19	-25.0	-28.60	298.00	Horizontal	Horizontal	Pass
2534.200	-32.64	3.58	-25.0	-7.64	266.00	Horizontal	Horizontal	N/A
2578.700	-40.39	3.99	-25.0	-15.39	266.00	Horizontal	Horizontal	N/A
2667.500	-32.79	2.90	-25.0	-7.79	314.00	Horizontal	Horizontal	N/A
6987.600	-40.92	13.64	-25.0	-15.92	103.00	Horizontal	Horizontal	Pass

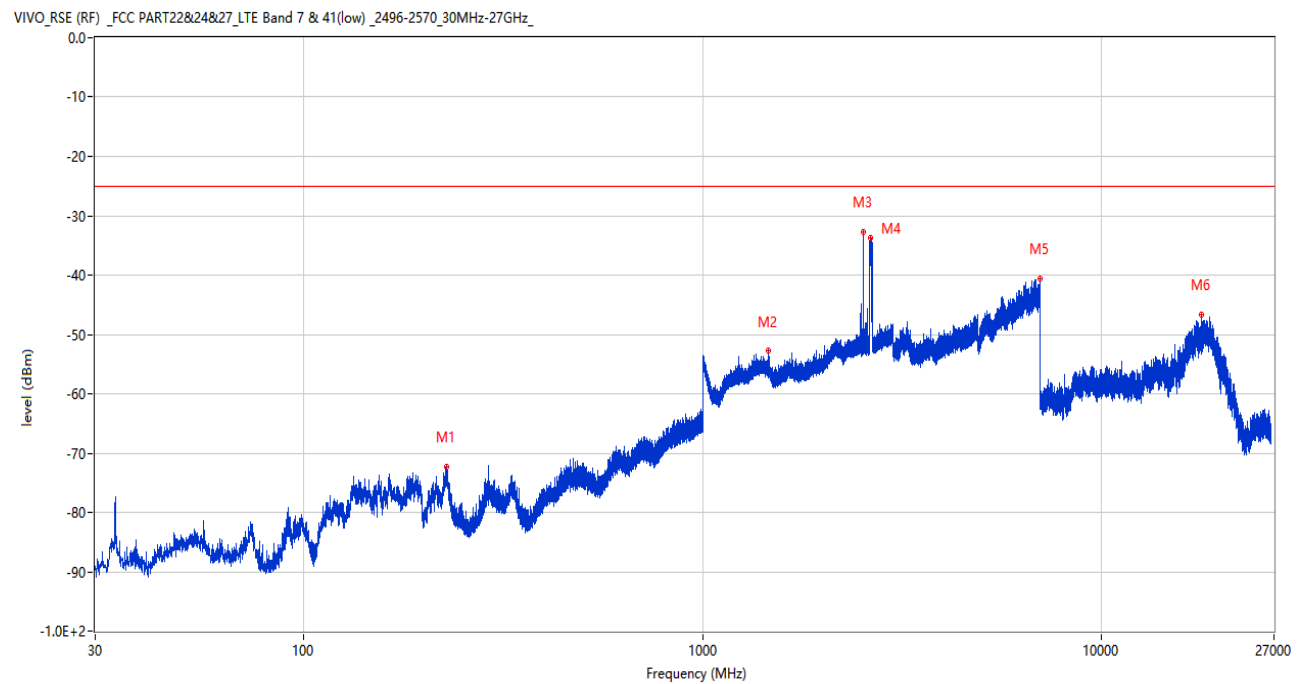
RSE-V&V PCC 21001 BW20 QPSK RB1 HIGH SCC 21199 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.19	-15.20	-25.0	-46.19	194.00	Vertical	Vertical	Pass
1391.400	-53.41	-1.73	-25.0	-28.41	37.00	Vertical	Vertical	Pass
2534.200	-36.77	3.58	-25.0	-11.77	286.00	Vertical	Vertical	N/A
2578.500	-42.94	4.01	-25.0	-17.94	250.00	Vertical	Vertical	N/A
2667.400	-35.41	2.90	-25.0	-10.41	108.00	Vertical	Vertical	N/A
6996.400	-40.19	13.86	-25.0	-15.19	304.00	Vertical	Vertical	Pass

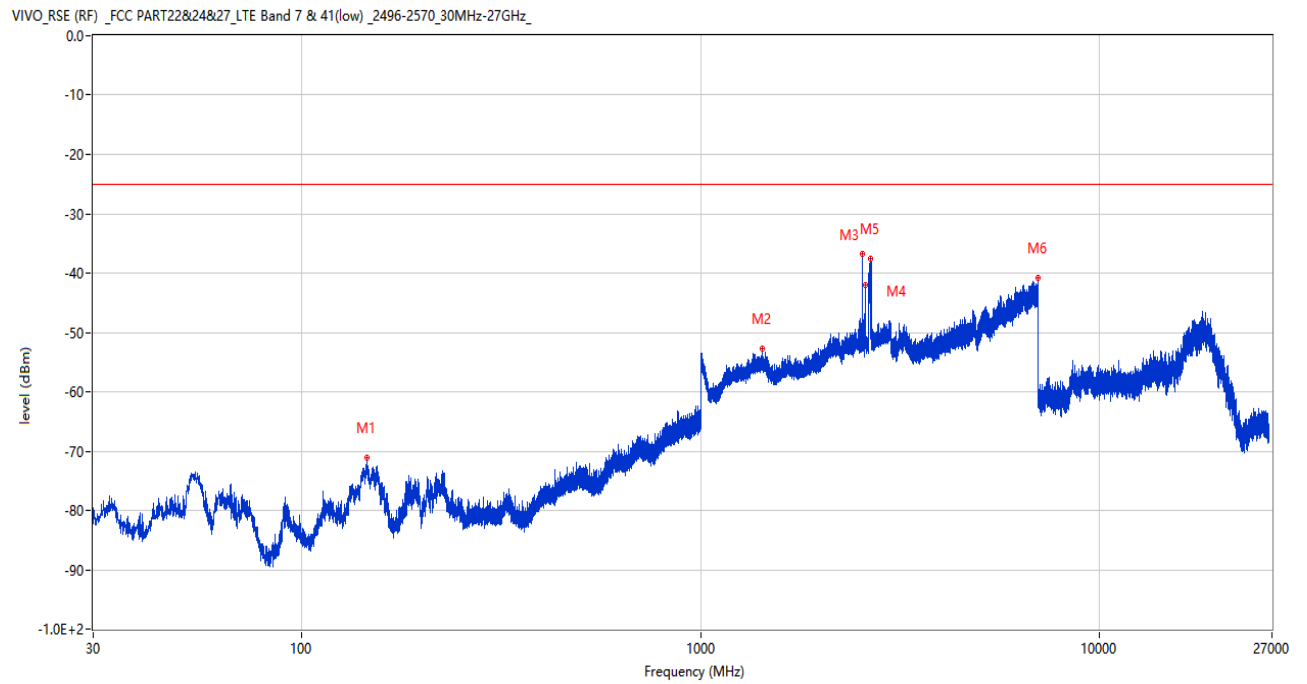
15.10 CA_7C 20MHz+20MHz, 16-QAM, Middle Channel

RSE-H&H PCC 21001 BW20 16QAM RB1 HIGH SCC 21199 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
227.444	-72.34	-13.51	-25.0	-47.34	31.00	Horizontal	Horizontal	Pass
1459.200	-52.81	-2.43	-25.0	-27.81	240.00	Horizontal	Horizontal	Pass
2519.100	-32.76	3.42	-25.0	-7.76	276.00	Horizontal	Horizontal	N/A
2624.700	-33.70	2.62	-25.0	-8.70	313.00	Horizontal	Horizontal	N/A
6990.400	-40.65	13.85	-25.0	-15.65	0.00	Horizontal	Horizontal	Pass
17767.688	-46.66	9.85	-25.0	-21.66	62.00	Horizontal	Horizontal	Pass

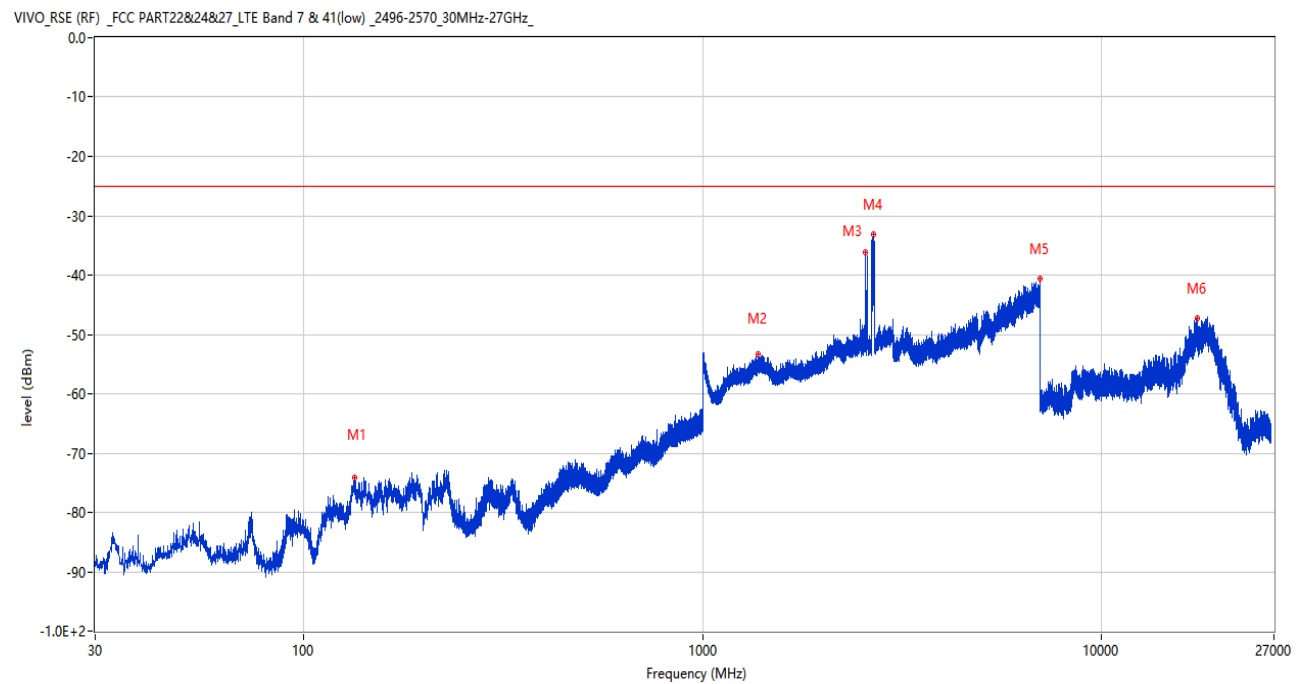
RSE-V&V PCC 21001 BW20 16QAM RB1 HIGH SCC 21199 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.06	-15.20	-25.0	-46.06	283.00	Vertical	Vertical	Pass
1428.200	-52.82	-1.75	-25.0	-27.82	284.00	Vertical	Vertical	Pass
2534.400	-36.75	3.58	-25.0	-11.75	247.00	Vertical	Vertical	N/A
2578.700	-41.99	3.99	-25.0	-16.99	247.00	Vertical	Vertical	N/A
2658.400	-37.64	2.52	-25.0	-12.64	115.00	Vertical	Vertical	N/A
6997.800	-40.77	13.96	-25.0	-15.77	357.00	Vertical	Vertical	Pass

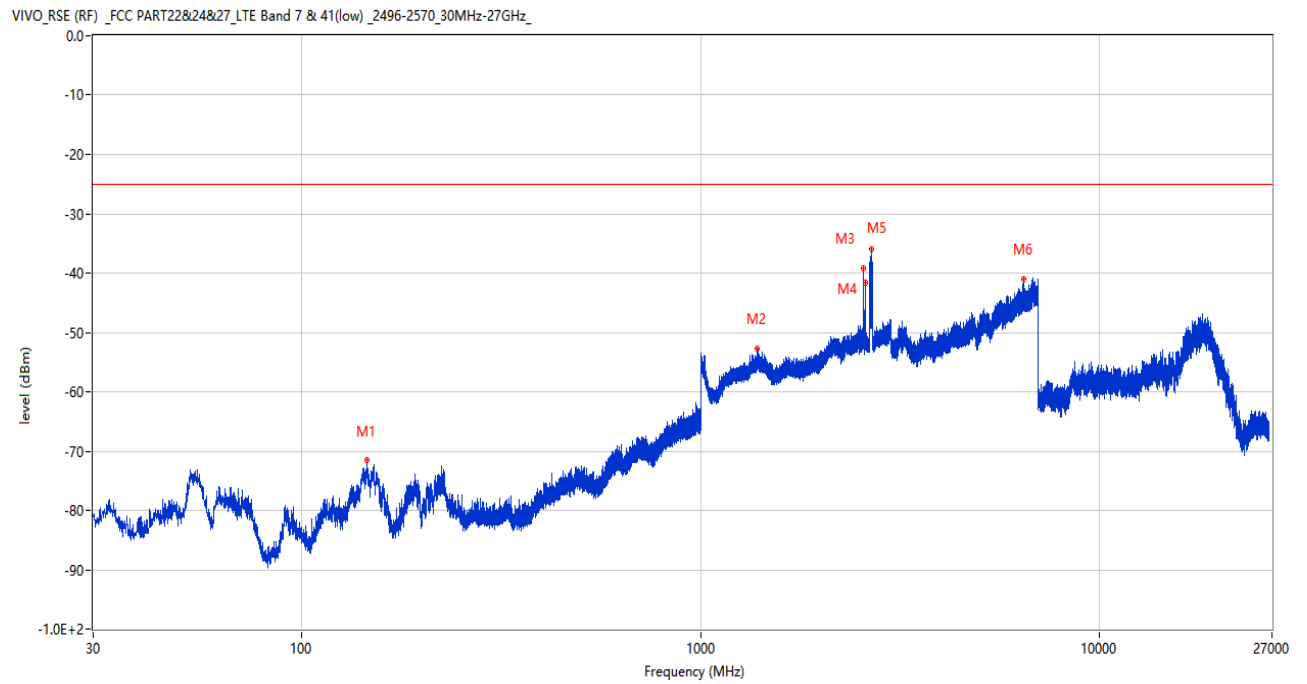
15.11 CA_7C 20MHz+20MHz, QPSK, High Channel

RSE-H&H PCC 21152 BW20 QPSK RB1 HIGH SCC 21350 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
134.033	-74.18	-16.53	-25.0	-49.18	0.00	Horizontal	Horizontal	Pass
1376.000	-53.30	-1.97	-25.0	-28.30	57.00	Horizontal	Horizontal	Pass
2551.100	-36.17	3.75	-25.0	-11.17	279.00	Horizontal	Horizontal	N/A
2675.100	-33.22	3.03	-25.0	-8.22	261.00	Horizontal	Horizontal	N/A
6994.000	-40.70	13.89	-25.0	-15.70	172.00	Horizontal	Horizontal	Pass
17352.937	-47.24	10.60	-25.0	-22.24	172.00	Horizontal	Horizontal	Pass

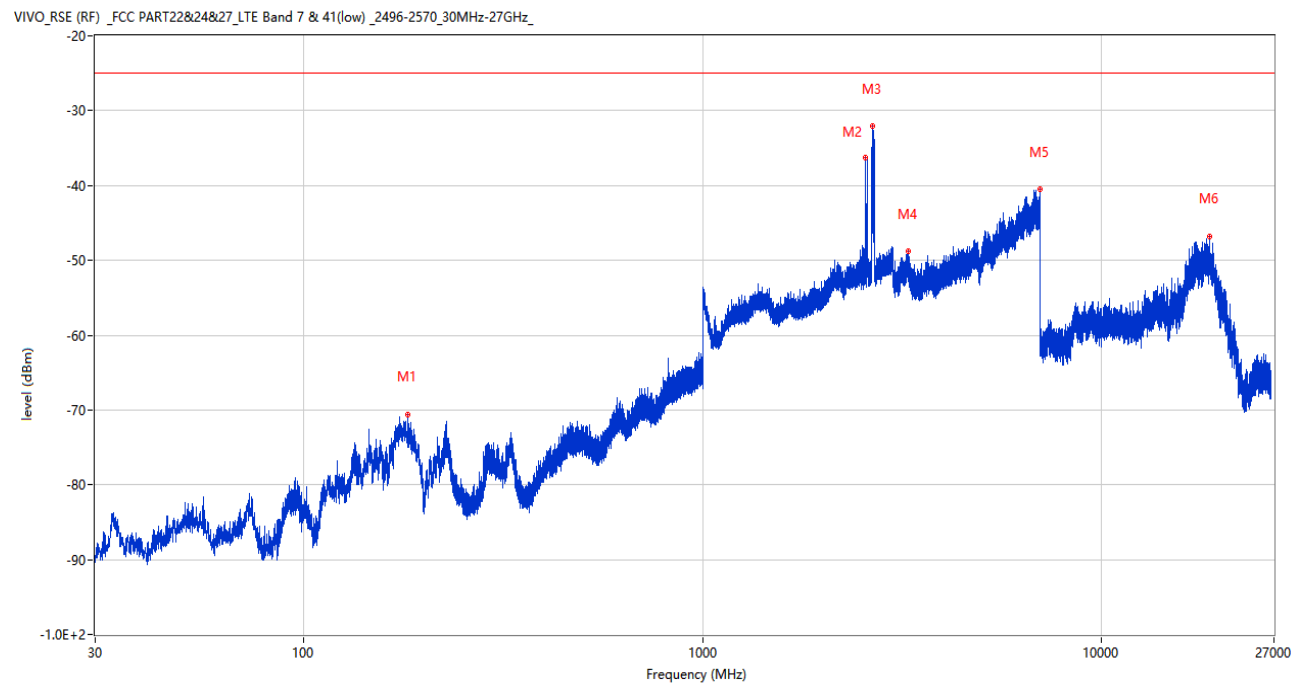
RSE-V&V PCC 21152 BW20 QPSK RB1 HIGH SCC 21350 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.61	-15.20	-25.0	-46.61	223.00	Vertical	Vertical	Pass
1386.500	-52.73	-1.82	-25.0	-27.73	207.00	Vertical	Vertical	Pass
2551.300	-39.12	3.75	-25.0	-14.12	281.00	Vertical	Vertical	N/A
2588.800	-41.62	2.72	-25.0	-16.62	243.00	Vertical	Vertical	N/A
2678.600	-35.99	2.95	-25.0	-10.99	115.00	Vertical	Vertical	Pass
6445.600	-41.00	12.54	-25.0	-16.00	320.00	Vertical	Vertical	Pass

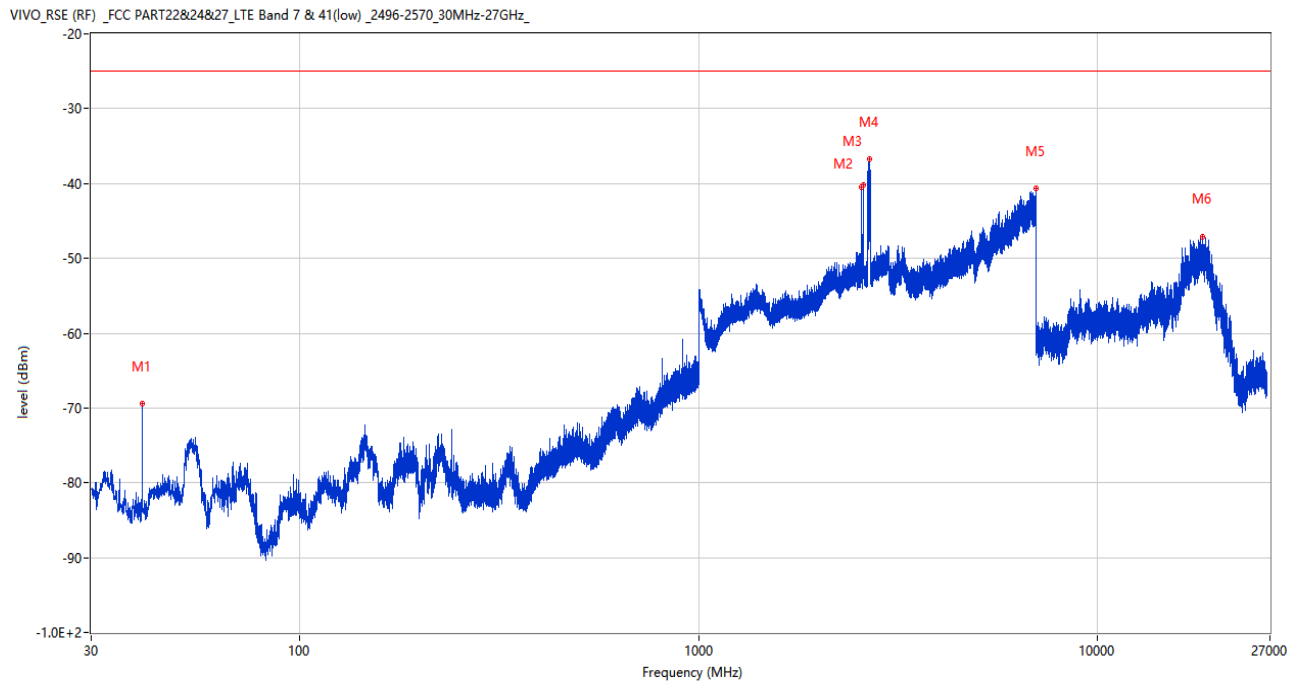
15.12 CA_7C 20MHz+20MHz, 16-QAM, High Channel

RSE-H&H PCC 21152 BW20 16QAM RB1 HIGH SCC 21350 BW20 16QAM RB1 LOW



Frequency(MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
181.854	-70.56	-14.71	-25.0	-45.56	134.00	Horizontal	Horizontal	Pass
2551.300	-36.34	3.75	-25.0	-11.34	262.00	Horizontal	Horizontal	N/A
2662.800	-32.13	2.51	-25.0	-7.13	321.00	Horizontal	Horizontal	N/A
3274.000	-48.85	5.09	-25.0	-23.85	338.00	Horizontal	Horizontal	Pass
6998.800	-40.54	13.94	-25.0	-15.54	132.00	Horizontal	Horizontal	Pass
18580.552	-46.89	9.55	-25.0	-21.89	300.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 21152 BW20 16QAM RB1 HIGH SCC 21350 BW20 16QAM RB1 LOW

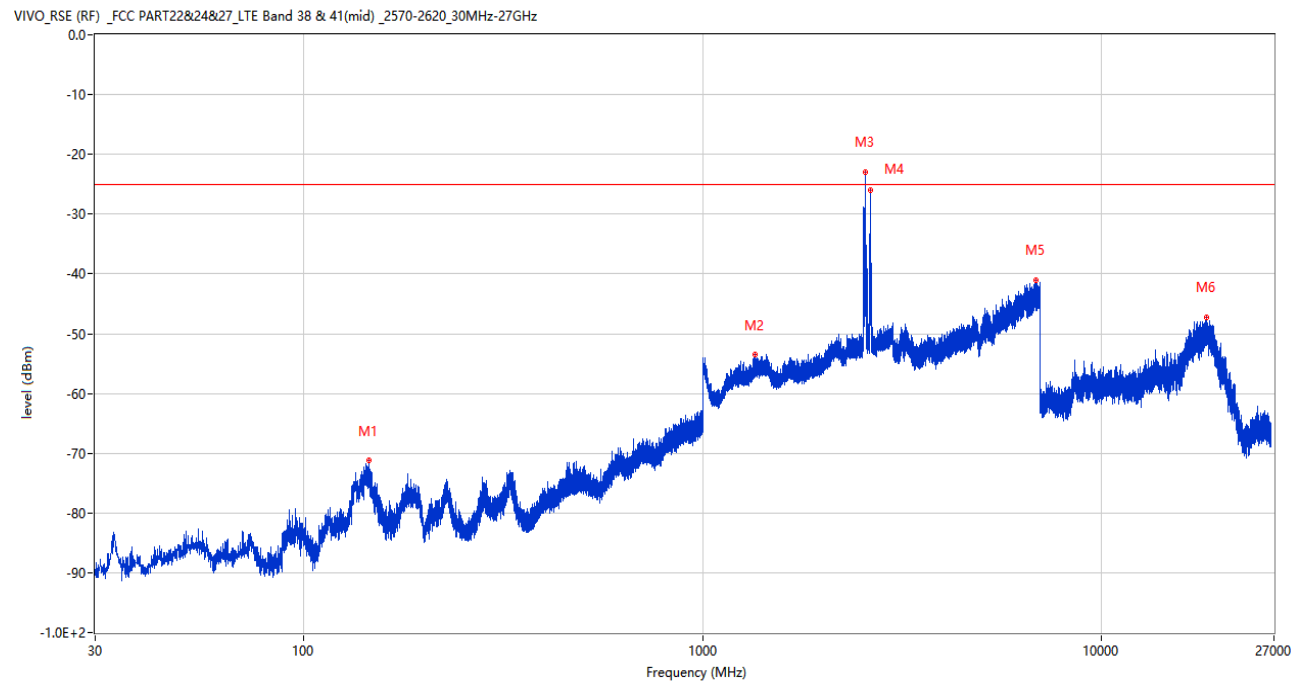


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
40.282	-69.41	-18.29	-25.0	-44.41	199.00	Vertical	Vertical	Pass
2551.200	-40.53	3.75	-25.0	-15.53	299.00	Vertical	Vertical	N/A
2588.700	-40.26	2.72	-25.0	-15.26	263.00	Vertical	Vertical	N/A
2681.000	-36.70	2.93	-25.0	-11.70	120.00	Vertical	Vertical	N/A
6988.400	-40.62	13.70	-25.0	-15.62	40.00	Vertical	Vertical	Pass
18344.675	-47.11	10.02	-25.0	-22.11	114.00	Vertical	Vertical	Pass

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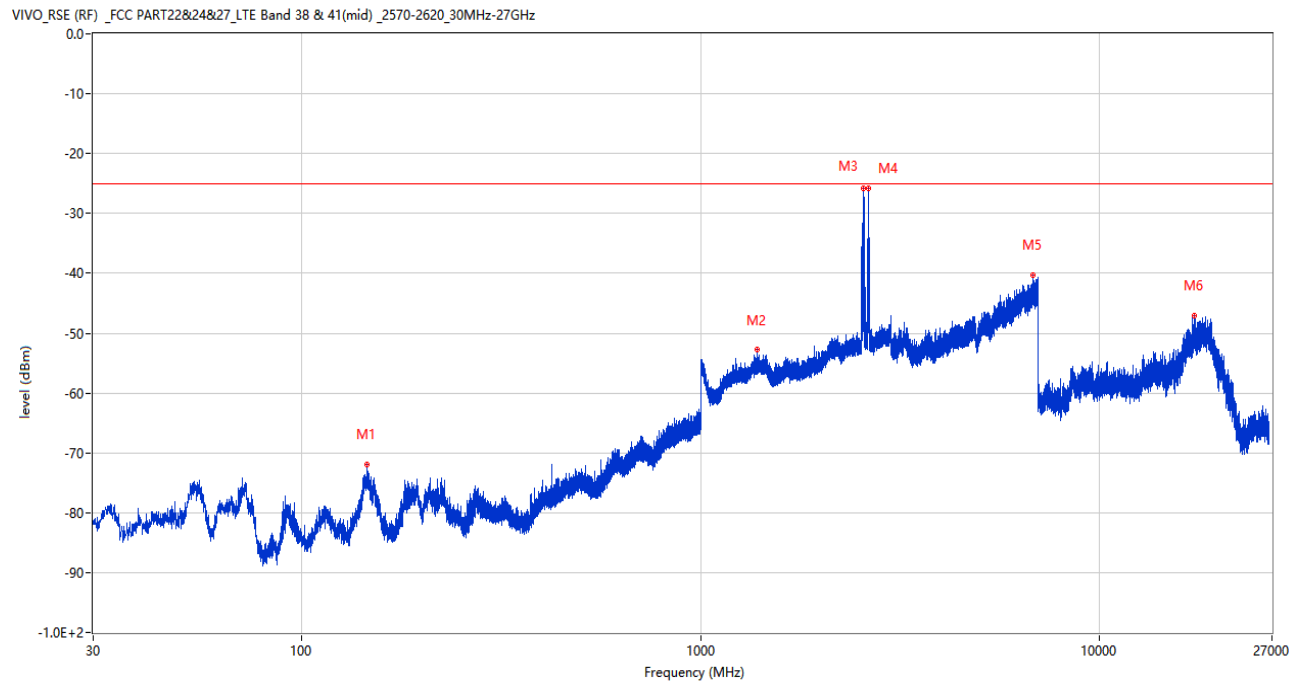
16.1 CA_38C 15MHz+15MHz, QPSK, Low Channel

RSE-H&H PCC 37825 BW15 QPSK RB1 HIGH SCC 37975 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.22	-15.20	-25.0	-46.22	331.00	Horizontal	Horizontal	Pass
1348.700	-53.54	-2.27	-25.0	-28.54	304.00	Horizontal	Horizontal	Pass
2556.600	-23.05	2.70	-25.0	1.95	233.00	Horizontal	Horizontal	N/A
2632.200	-25.99	3.66	-25.0	-0.99	280.00	Horizontal	Horizontal	N/A
6826.200	-41.11	12.79	-25.0	-16.11	271.00	Horizontal	Horizontal	Pass
18252.450	-47.18	10.20	-25.0	-22.18	360.00	Horizontal	Horizontal	Pass

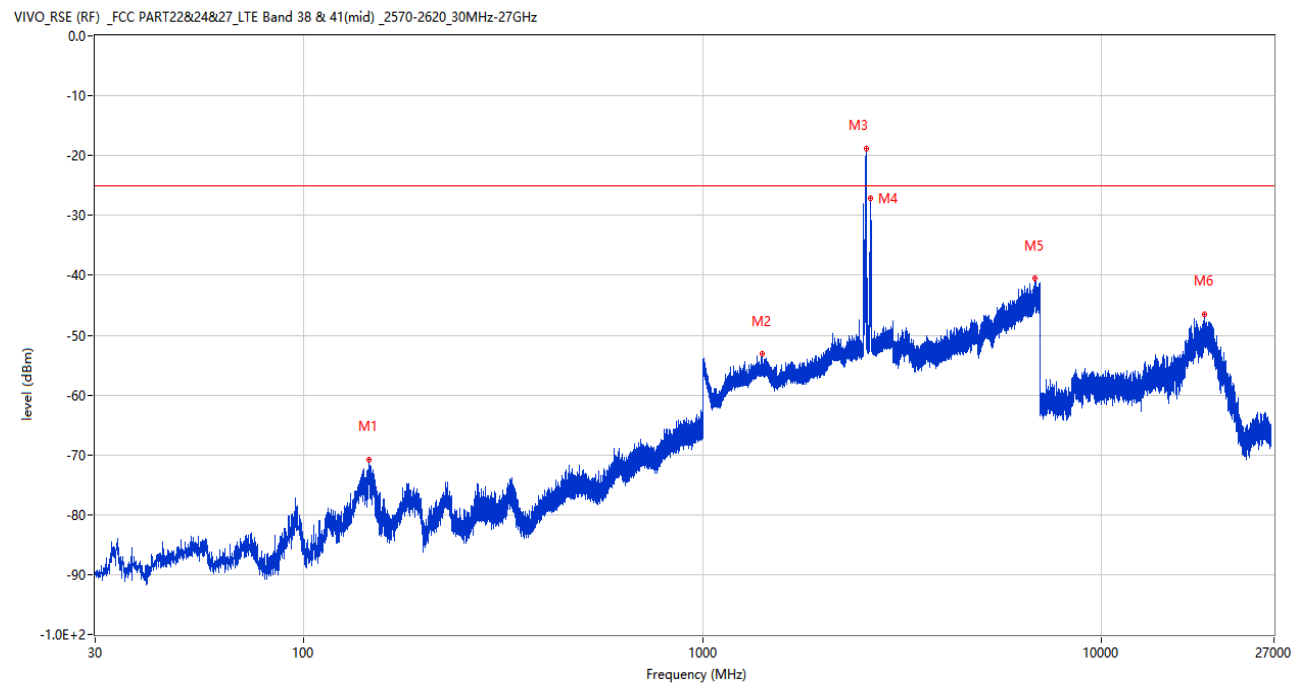
RSE-V&V PCC 37825 BW15 QPSK RB1 HIGH SCC 37975 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.99	-15.20	-25.0	-46.99	321.00	Vertical	Vertical	Pass
1382.300	-52.82	-1.92	-25.0	-27.82	39.00	Vertical	Vertical	Pass
2559.600	-25.71	3.57	-25.0	-0.71	99.00	Vertical	Vertical	N/A
2627.400	-25.74	3.54	-25.0	-0.74	274.00	Vertical	Vertical	N/A
6798.000	-40.36	13.09	-25.0	-15.36	78.00	Vertical	Vertical	Pass
17264.474	-47.17	11.39	-25.0	-22.17	0.00	Vertical	Vertical	Pass

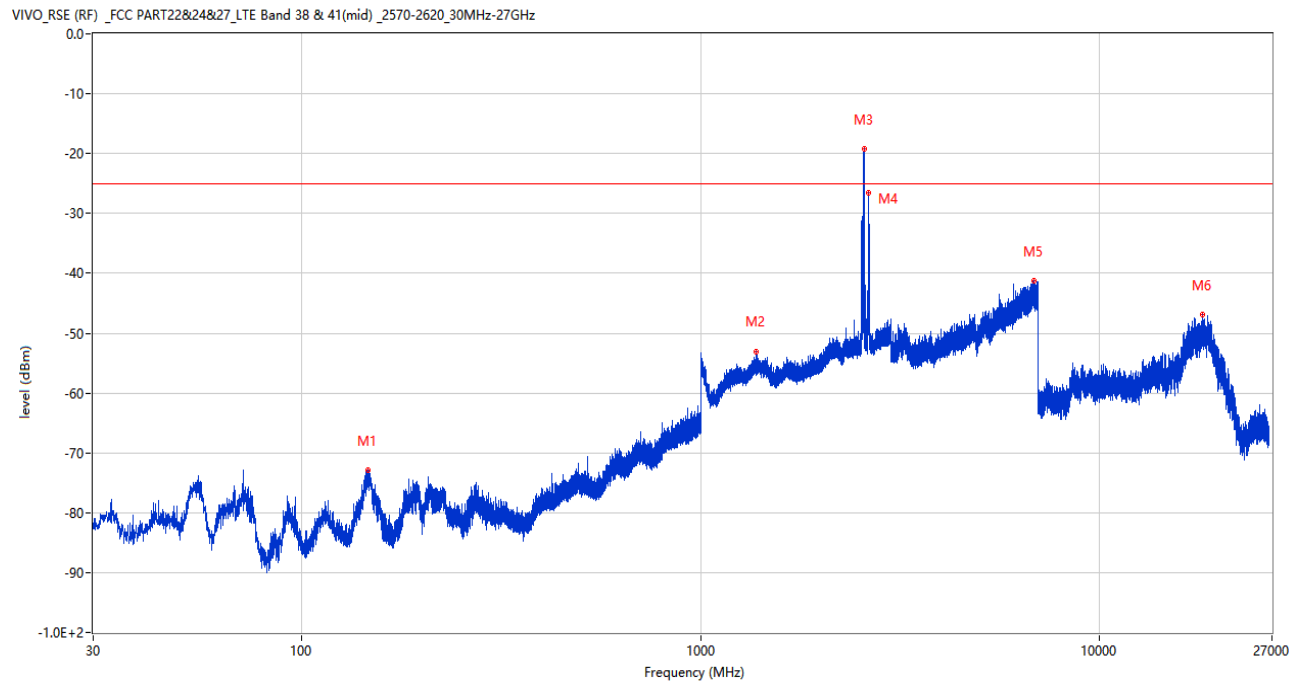
16.2 CA_38C 15MHz+15MHz, 16-QAM, Low Channel

RSE-H&H PCC 37825 BW15 16QAM RB1 HIGH SCC 37975 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.672	-70.77	-15.20	-25.0	-45.77	327.00	Horizontal	Horizontal	Pass
1408.200	-53.12	-1.84	-25.0	-28.12	258.00	Horizontal	Horizontal	Pass
2563.900	-18.78	5.98	-25.0	6.22	249.00	Horizontal	Horizontal	N/A
2631.100	-27.19	3.63	-25.0	-2.19	190.00	Horizontal	Horizontal	N/A
6795.000	-40.53	13.02	-25.0	-15.53	271.00	Horizontal	Horizontal	Pass
18068.427	-46.53	10.56	-25.0	-21.53	0.00	Horizontal	Horizontal	Pass

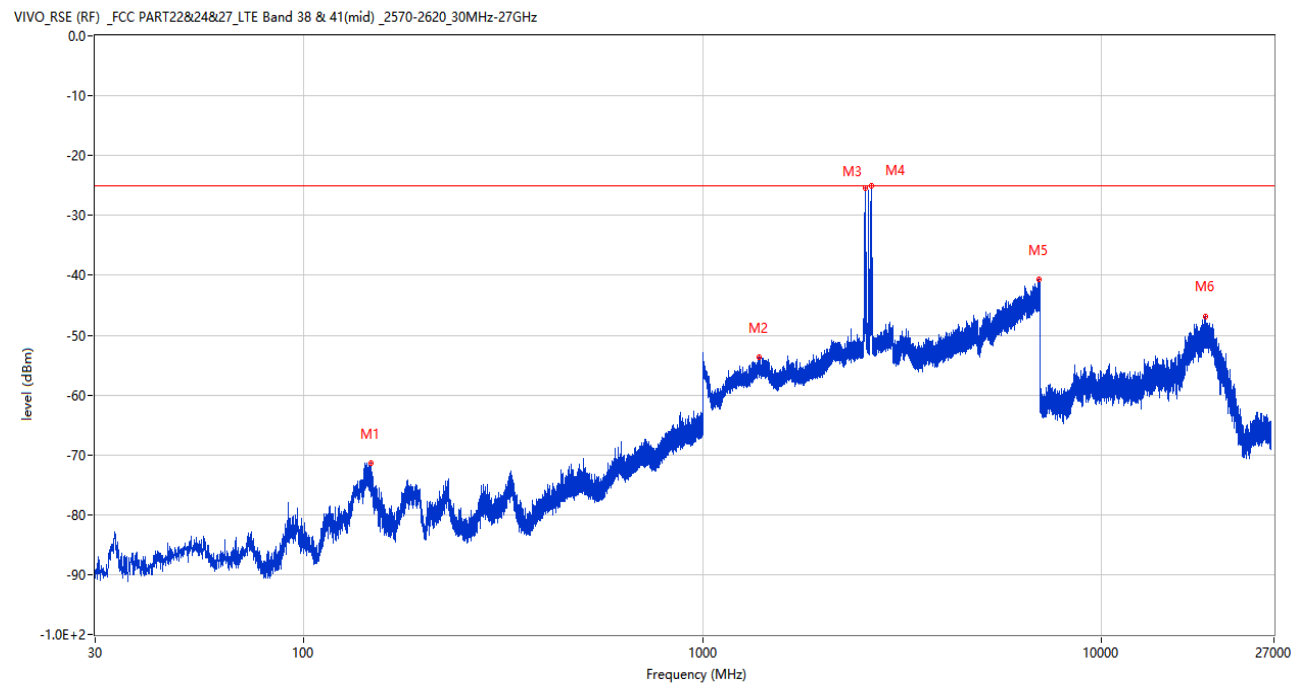
RSE-V&V PCC 37825 BW15 16QAM RB1 HIGH SCC 37975 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
146.254	-72.86	-15.23	-25.0	-47.86	0.00	Vertical	Vertical	Pass
1377.900	-53.16	-1.95	-25.0	-28.16	41.00	Vertical	Vertical	Pass
2562.400	-19.26	5.53	-25.0	5.74	258.00	Vertical	Vertical	N/A
2632.500	-26.60	3.66	-25.0	-1.60	268.00	Vertical	Vertical	N/A
6819.200	-41.20	13.08	-25.0	-16.20	241.00	Vertical	Vertical	Pass
18083.301	-46.98	10.54	-25.0	-21.98	340.00	Vertical	Vertical	Pass

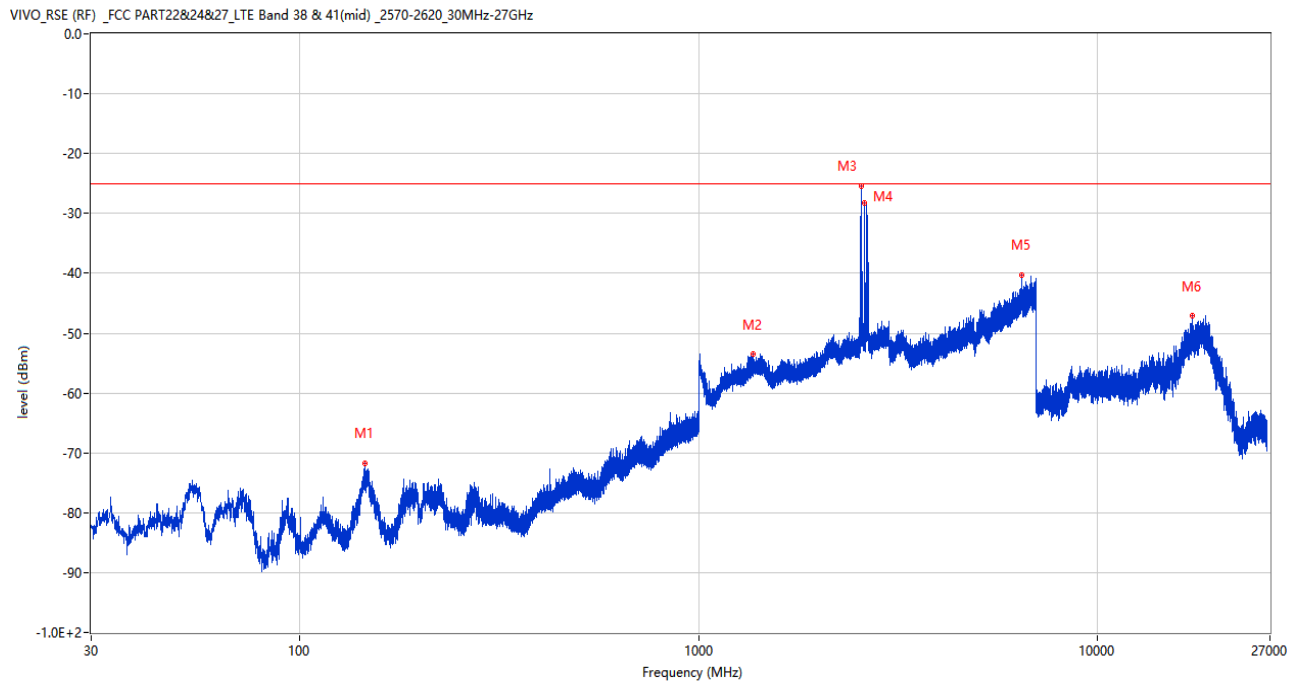
16.3 CA_38C 15MHz+15MHz, QPSK, Middle Channel

RSE-H&H PCC 37925 BW15 QPSK RB1 HIGH SCC 38075 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
147.128	-71.46	-15.29	-25.0	-46.46	295.00	Horizontal	Horizontal	Pass
1387.300	-53.70	-1.94	-25.0	-28.70	302.00	Horizontal	Horizontal	Pass
2562.000	-25.46	5.18	-25.0	-0.46	118.00	Horizontal	Horizontal	N/A
2642.900	-25.03	2.47	-25.0	-0.03	258.00	Horizontal	Horizontal	N/A
6979.000	-40.74	13.39	-25.0	-15.74	100.00	Horizontal	Horizontal	Pass
18173.401	-46.97	10.36	-25.0	-21.97	285.00	Horizontal	Horizontal	Pass

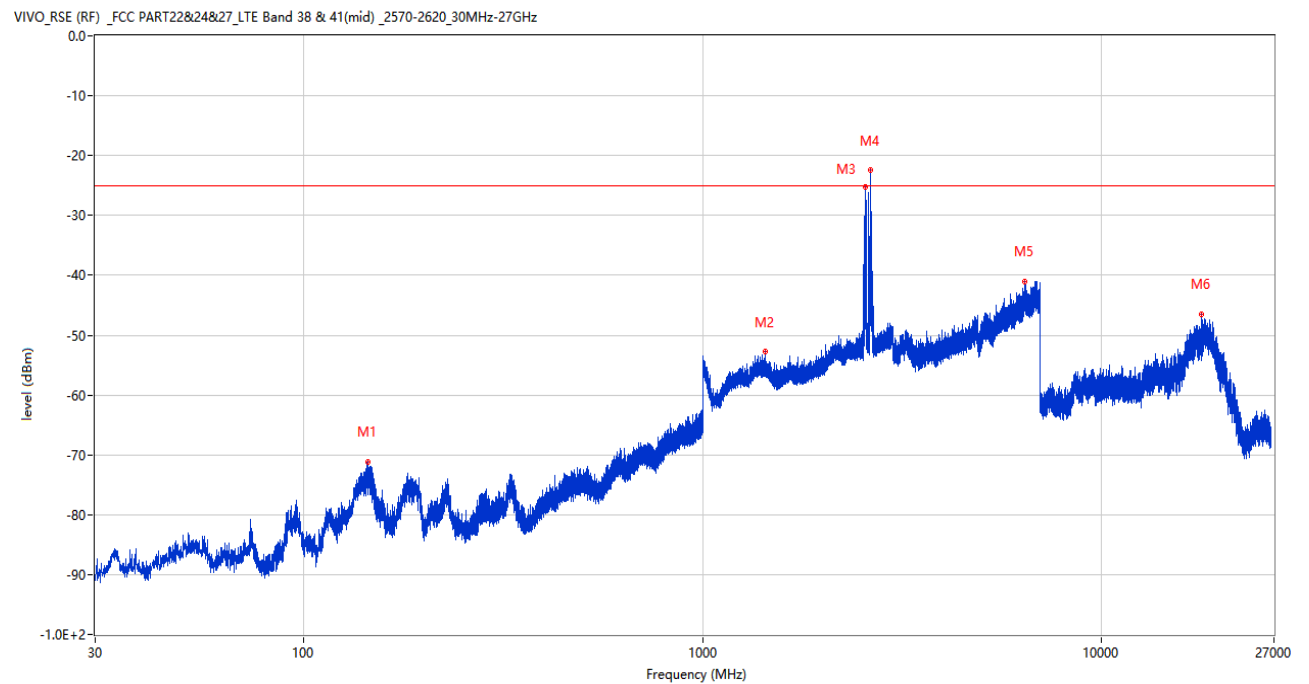
RSE-V&V PCC 37925 BW15 QPSK RB1 HIGH SCC 38075 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.68	-15.19	-25.0	-46.68	12.00	Vertical	Vertical	Pass
1369.500	-53.45	-2.00	-25.0	-28.45	3.00	Vertical	Vertical	Pass
2561.200	-25.35	4.48	-25.0	-0.35	249.00	Vertical	Vertical	N/A
2594.300	-28.23	4.73	-25.0	-3.23	277.00	Vertical	Vertical	N/A
6436.400	-40.32	11.94	-25.0	-15.32	360.00	Vertical	Vertical	Pass
17257.386	-47.12	11.55	-25.0	-22.12	32.00	Vertical	Vertical	Pass

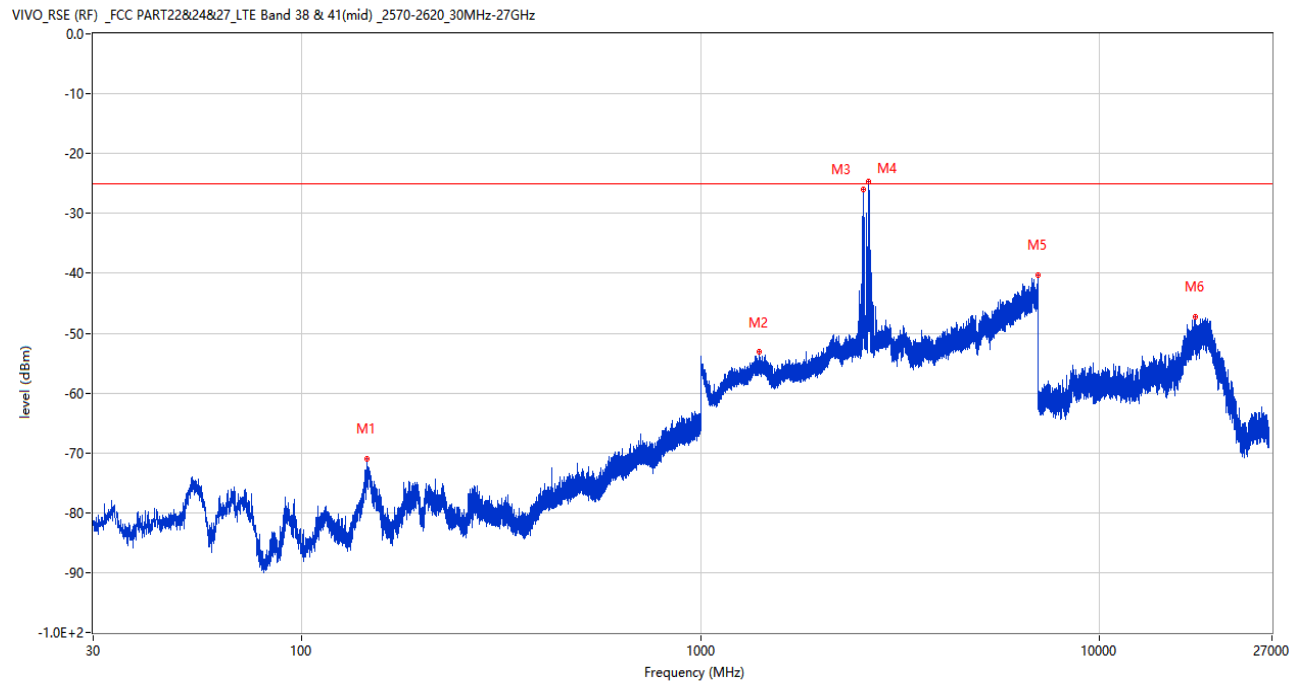
16.4 CA_38C 15MHz+15MHz, 16-QAM, Middle Channel

RSE-H&H PCC 37925 BW15 16QAM RB1 HIGH SCC 38075 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.090	-71.25	-15.17	-25.0	-46.25	292.00	Horizontal	Horizontal	Pass
1432.400	-52.76	-1.89	-25.0	-27.76	177.00	Horizontal	Horizontal	Pass
2557.100	-25.21	2.81	-25.0	-0.21	289.00	Horizontal	Horizontal	N/A
2627.100	-22.47	3.58	-25.0	2.53	278.00	Horizontal	Horizontal	N/A
6418.000	-41.06	11.73	-25.0	-16.06	162.00	Horizontal	Horizontal	Pass
17814.151	-46.60	9.97	-25.0	-21.60	140.00	Horizontal	Horizontal	Pass

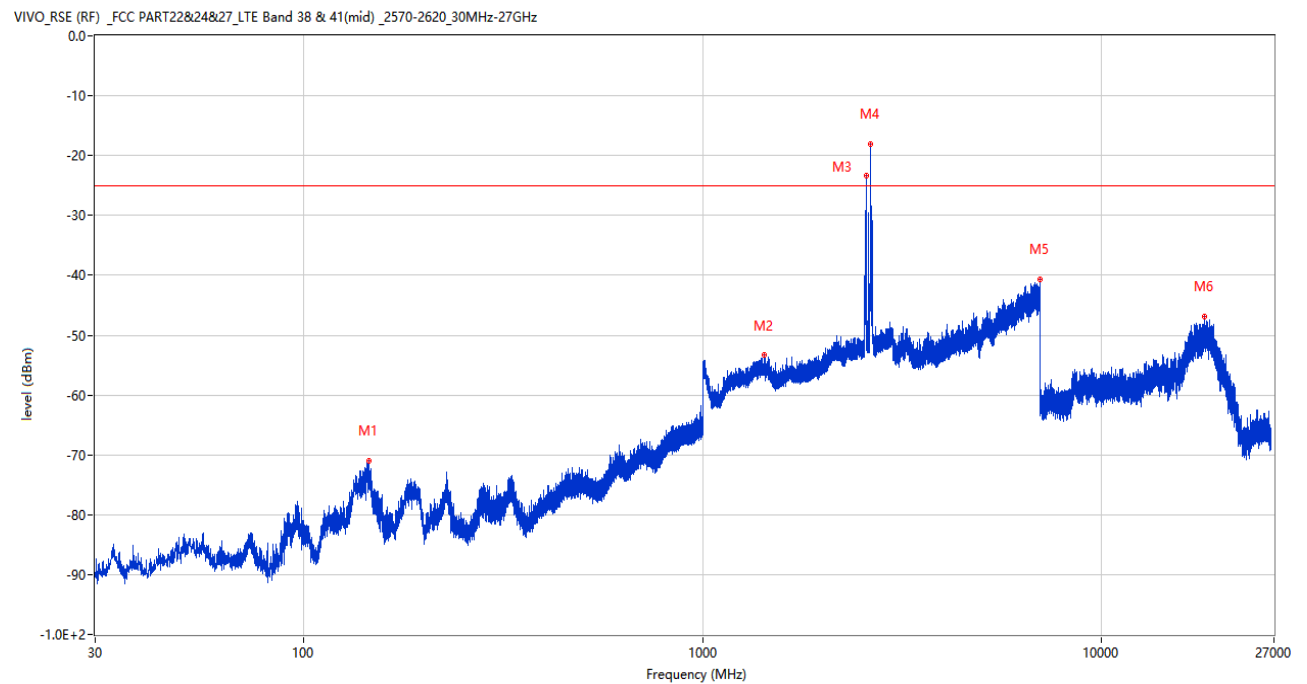
RSE-V&V PCC 37925 BW15 16QAM RB1 HIGH SCC 38075 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.01	-15.19	-25.0	-46.01	17.00	Vertical	Vertical	Pass
1400.700	-53.06	-1.72	-25.0	-28.06	62.00	Vertical	Vertical	Pass
2558.200	-25.97	3.04	-25.0	-0.97	354.00	Vertical	Vertical	N/A
2630.600	-24.63	3.59	-25.0	0.37	261.00	Vertical	Vertical	N/A
7000.000	-40.22	13.90	-25.0	-15.22	124.00	Vertical	Vertical	Pass
17370.526	-47.31	10.43	-25.0	-22.31	220.00	Vertical	Vertical	Pass

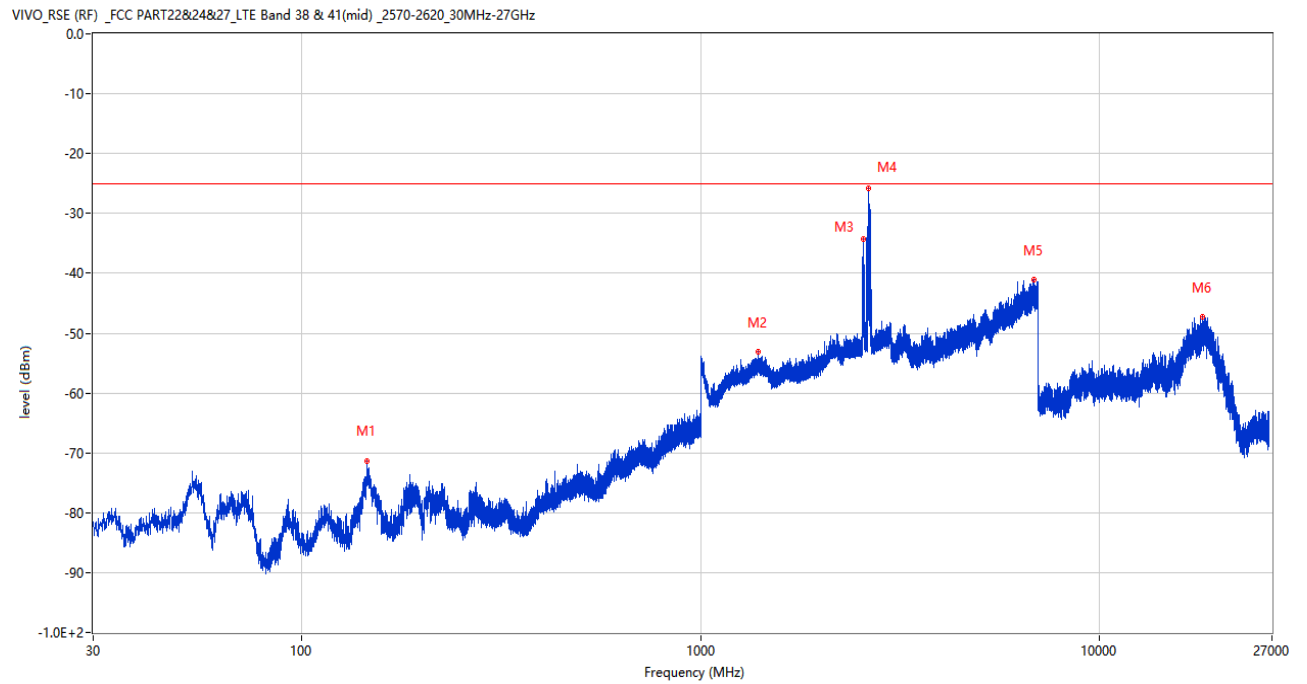
16.5 CA_38C 15MHz+15MHz, QPSK, High Channel

RSE-H&H PCC 38025 BW15 QPSK RB1 HIGH SCC 38175 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.527	-70.96	-15.19	-25.0	-45.96	287.00	Horizontal	Horizontal	Pass
1423.300	-53.38	-1.82	-25.0	-28.38	46.00	Horizontal	Horizontal	Pass
2563.800	-23.42	5.98	-25.0	1.58	275.00	Horizontal	Horizontal	N/A
2630.800	-18.06	3.61	-25.0	6.94	288.00	Horizontal	Horizontal	N/A
6993.800	-40.61	13.90	-25.0	-15.61	287.00	Horizontal	Horizontal	Pass
18119.000	-46.98	10.46	-25.0	-21.98	314.00	Horizontal	Horizontal	Pass

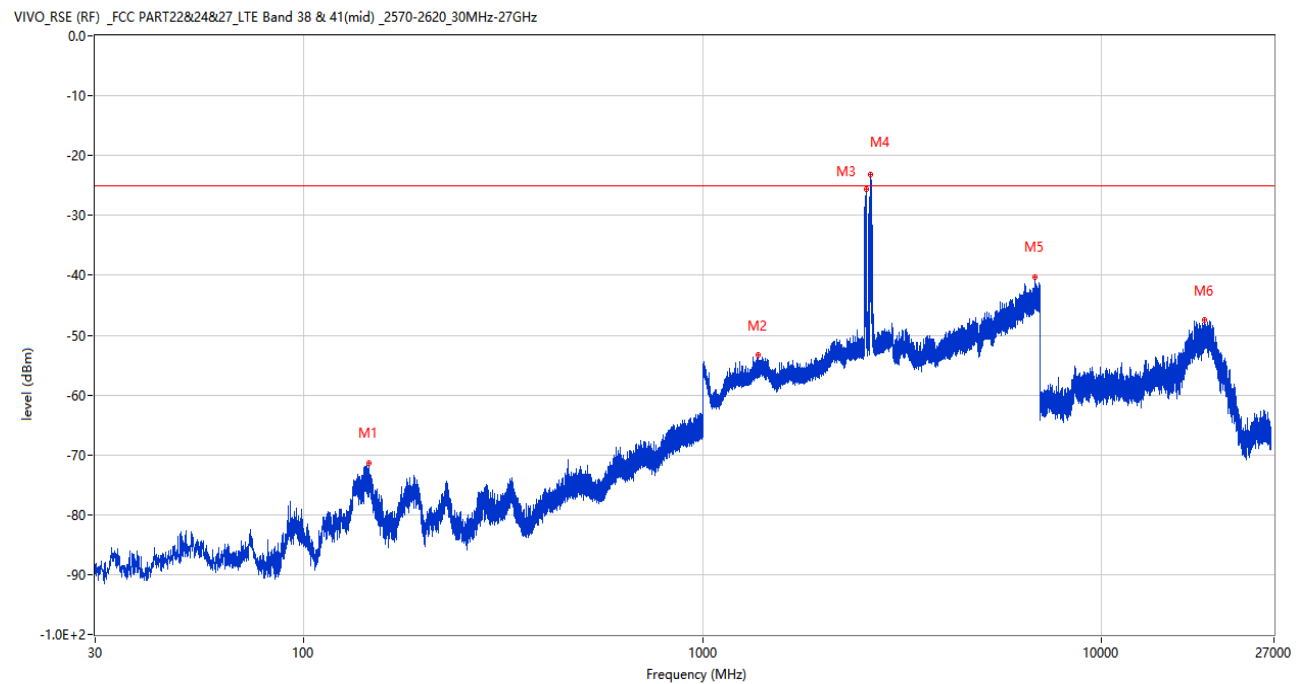
RSE-V&V PCC 38025 BW15 QPSK RB1 HIGH SCC 38175 BW15 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.34	-15.20	-25.0	-46.34	330.00	Vertical	Vertical	Pass
1390.900	-53.08	-1.89	-25.0	-28.08	27.00	Vertical	Vertical	Pass
2558.600	-34.27	3.13	-25.0	-9.27	308.00	Vertical	Vertical	N/A
2625.800	-25.87	3.66	-25.0	-0.87	3.00	Vertical	Vertical	N/A
6817.200	-41.06	13.12	-25.0	-16.06	279.00	Vertical	Vertical	Pass
18119.850	-47.29	10.46	-25.0	-22.29	0.00	Vertical	Vertical	Pass

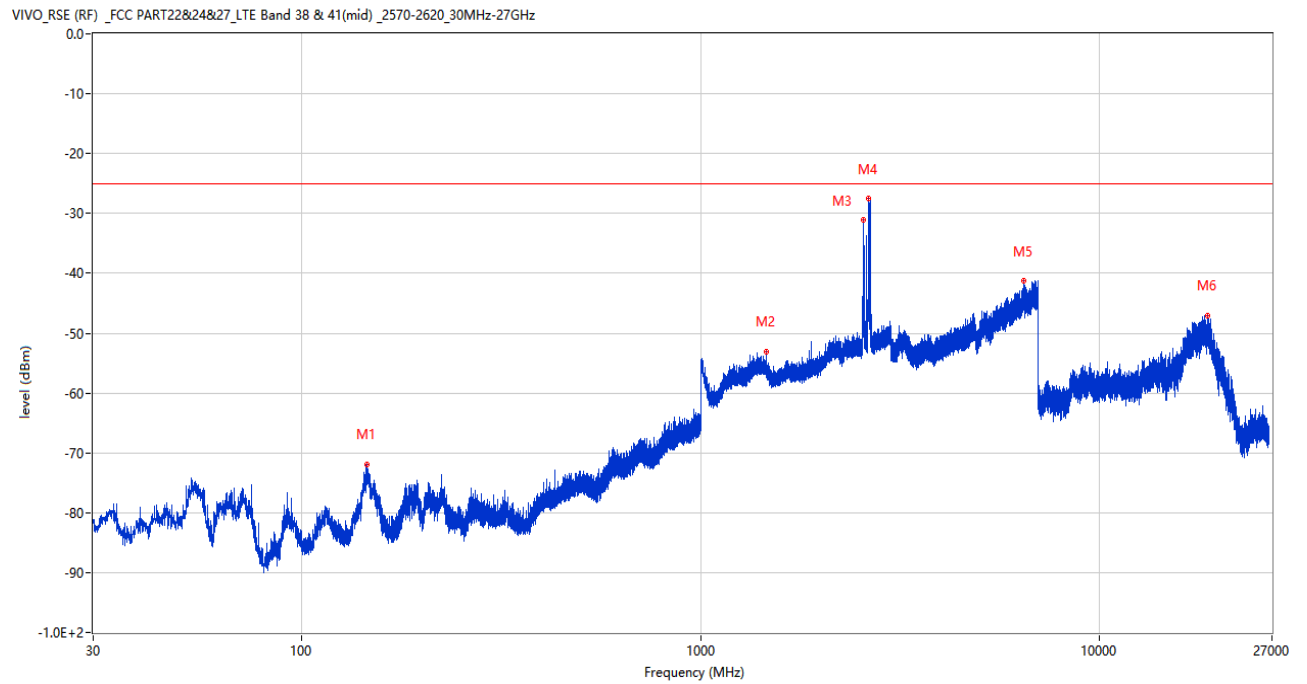
16.6 CA_38C 15MHz+15MHz, 16-QAM, High Channel

RSE-H&H PCC 38025 BW15 16QAM RB1 HIGH SCC 38175 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.35	-15.19	-25.0	-46.35	284.00	Horizontal	Horizontal	Pass
1372.800	-53.34	-1.95	-25.0	-28.34	329.00	Horizontal	Horizontal	Pass
2563.200	-25.69	6.01	-25.0	-0.69	91.00	Horizontal	Horizontal	N/A
2631.200	-23.26	3.64	-25.0	1.74	287.00	Horizontal	Horizontal	N/A
6801.200	-40.37	13.14	-25.0	-15.37	154.00	Horizontal	Horizontal	Pass
18096.050	-47.50	10.51	-25.0	-22.50	23.00	Horizontal	Horizontal	Pass

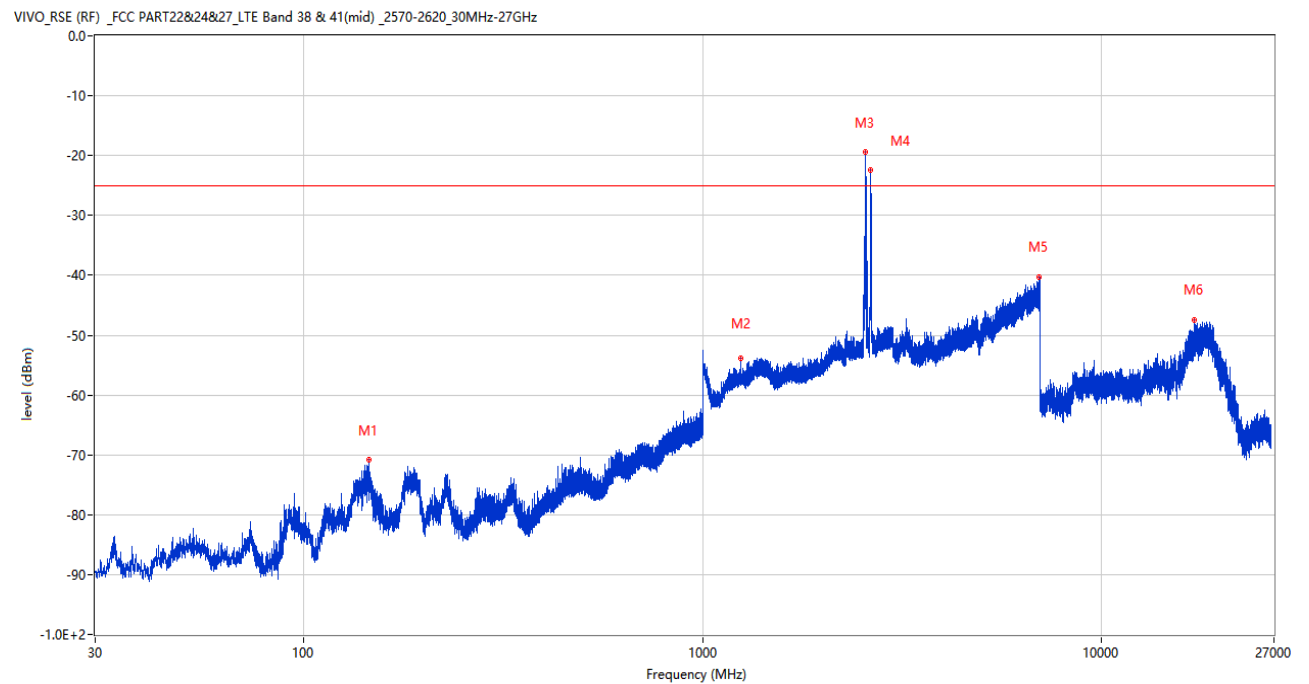
RSE-V&V PCC 38025 BW15 16QAM RB1 HIGH SCC 38175 BW15 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.99	-15.20	-25.0	-46.99	338.00	Vertical	Vertical	Pass
1460.100	-53.03	-2.44	-25.0	-28.03	51.00	Vertical	Vertical	Pass
2561.900	-31.16	5.09	-25.0	-6.16	152.00	Vertical	Vertical	N/A
2630.700	-27.53	3.60	-25.0	-2.53	226.00	Vertical	Vertical	N/A
6447.600	-41.21	12.62	-25.0	-16.21	264.00	Vertical	Vertical	Pass
18602.650	-47.01	9.51	-25.0	-22.01	309.00	Vertical	Vertical	Pass

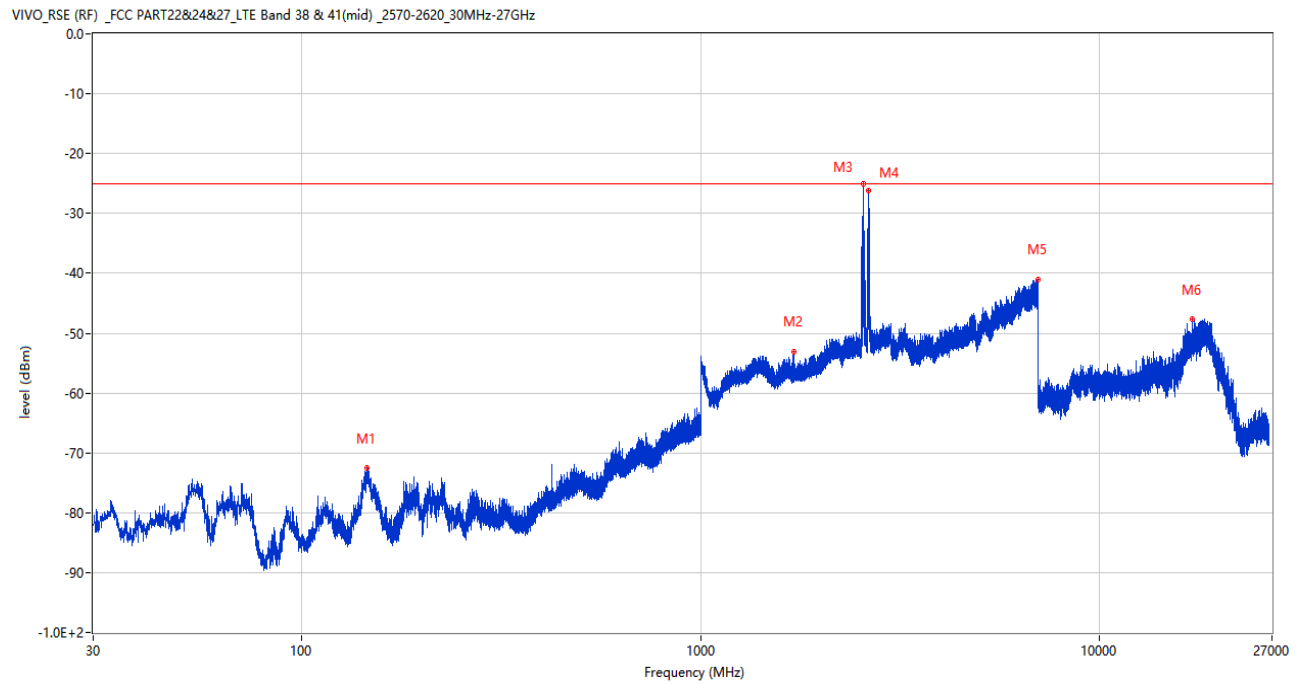
16.7 CA_38C 20MHz+20MHz, QPSK, Low Channel

RSE-H&H PCC 37850 BW20 QPSK RB1 HIGH SCC 38048 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.576	-70.82	-15.20	-25.0	-45.82	274.00	Horizontal	Horizontal	Pass
1244.200	-53.82	-3.27	-25.0	-28.82	179.00	Horizontal	Horizontal	Pass
2562.000	-19.39	5.18	-25.0	5.61	290.00	Horizontal	Horizontal	N/A
2637.000	-22.42	2.89	-25.0	2.58	273.00	Horizontal	Horizontal	N/A
6967.400	-40.25	13.21	-25.0	-15.25	219.00	Horizontal	Horizontal	Pass
17050.537	-47.55	9.90	-25.0	-22.55	192.00	Horizontal	Horizontal	Pass

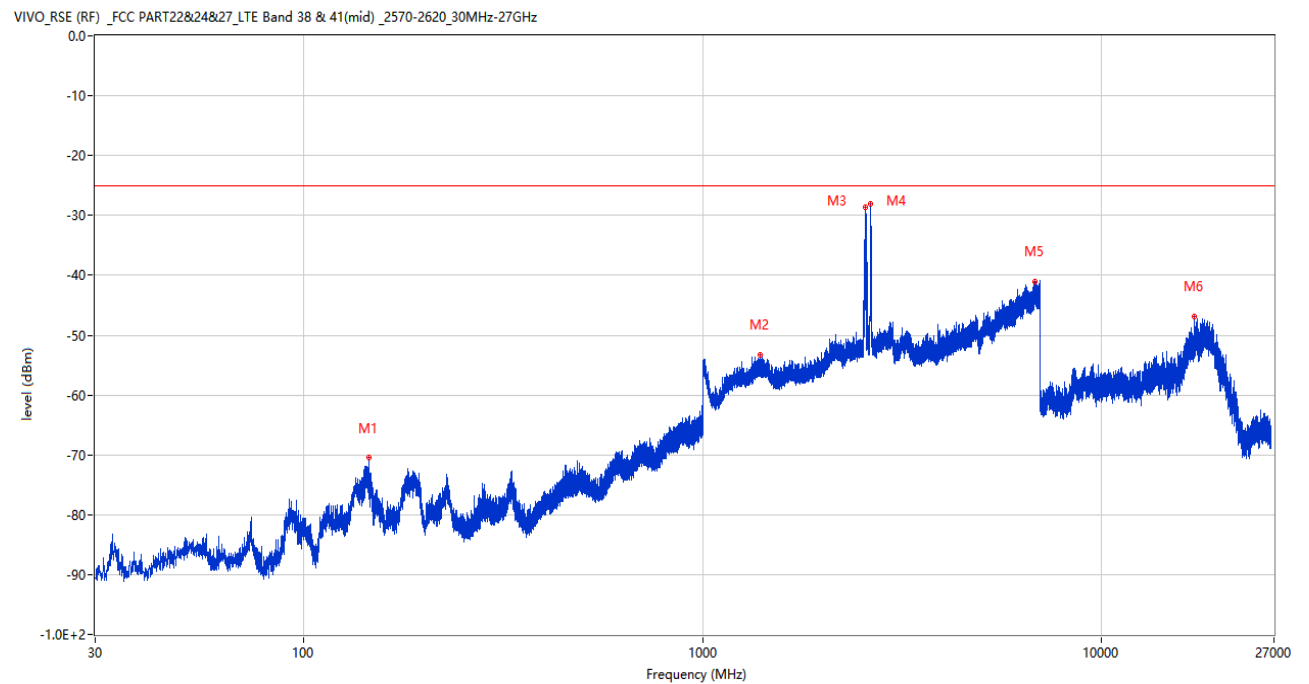
RSE-V&V PCC 37850 BW20 QPSK RB1 HIGH SCC 38048 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.53	-15.20	-25.0	-47.53	2.00	Vertical	Vertical	Pass
1714.100	-53.06	-3.01	-25.0	-28.06	313.00	Vertical	Vertical	Pass
2552.800	-25.14	3.32	-25.0	-0.14	283.00	Vertical	Vertical	N/A
2627.800	-26.20	3.49	-25.0	-1.20	207.00	Vertical	Vertical	N/A
6985.400	-41.13	13.62	-25.0	-16.13	224.00	Vertical	Vertical	Pass
17065.239	-47.56	9.97	-25.0	-22.56	211.00	Vertical	Vertical	Pass

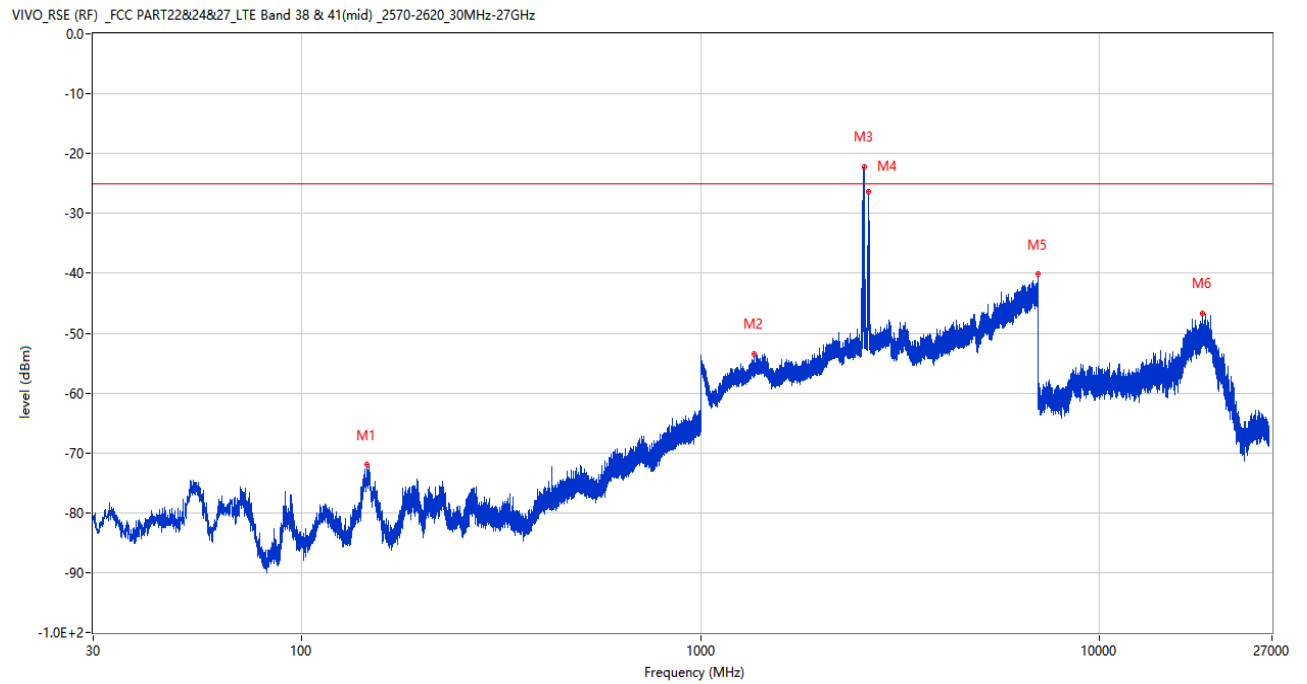
16.8 CA_38C 20MHz+20MHz, 16-QAM, Low Channel

RSE-H&H PCC 37850 BW20 16QAM RB1 HIGH SCC 38048 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-70.34	-15.19	-25.0	-45.34	275.00	Horizontal	Horizontal	Pass
1389.600	-53.35	-1.97	-25.0	-28.35	316.00	Horizontal	Horizontal	Pass
2555.800	-28.56	2.86	-25.0	-3.56	121.00	Horizontal	Horizontal	N/A
2628.500	-28.13	3.40	-25.0	-3.13	283.00	Horizontal	Horizontal	N/A
6814.400	-41.09	13.13	-25.0	-16.09	319.00	Horizontal	Horizontal	Pass
17079.937	-46.95	10.04	-25.0	-21.95	14.00	Horizontal	Horizontal	Pass

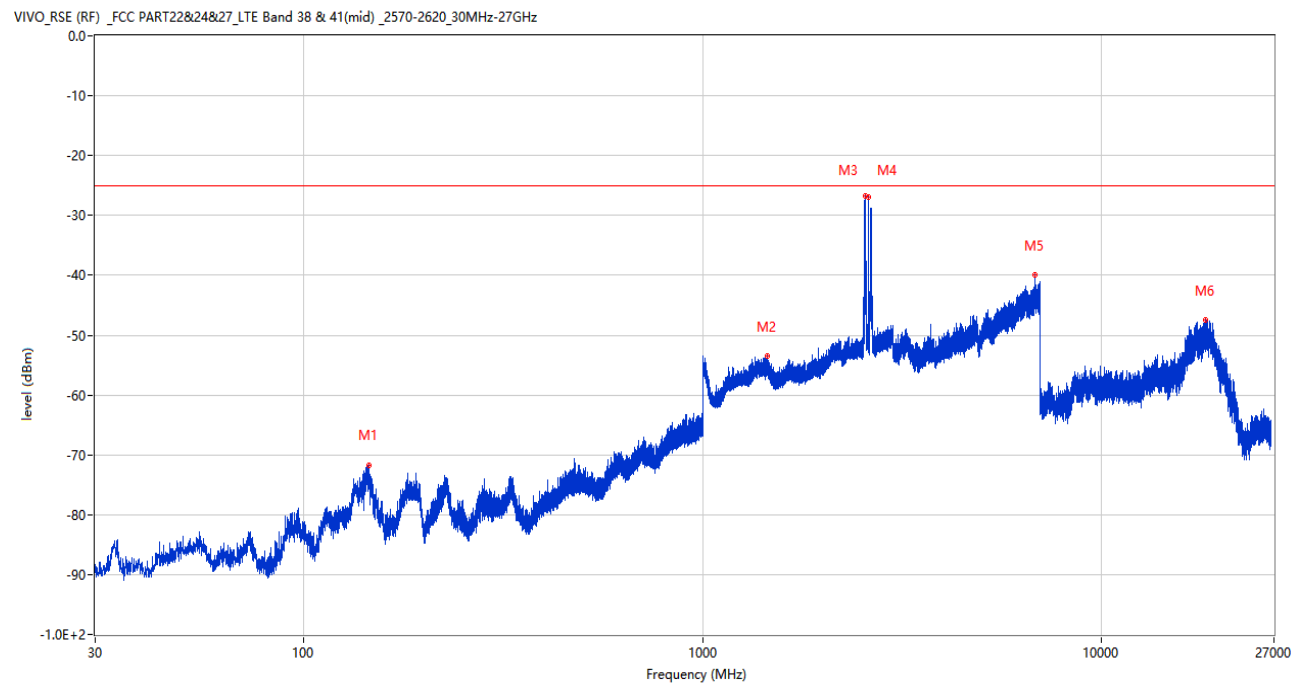
RSE-V&V PCC 37850 BW20 16QAM RB1 HIGH SCC 38048 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.818	-71.97	-15.21	-25.0	-46.97	0.00	Vertical	Vertical	Pass
1358.600	-53.56	-2.20	-25.0	-28.56	110.00	Vertical	Vertical	Pass
2562.400	-22.25	5.53	-25.0	2.75	260.00	Vertical	Vertical	N/A
2633.000	-26.41	3.67	-25.0	-1.41	328.00	Vertical	Vertical	N/A
6990.200	-40.11	13.83	-25.0	-15.11	317.00	Vertical	Vertical	Pass
18119.000	-46.72	10.46	-25.0	-21.72	360.00	Vertical	Vertical	Pass

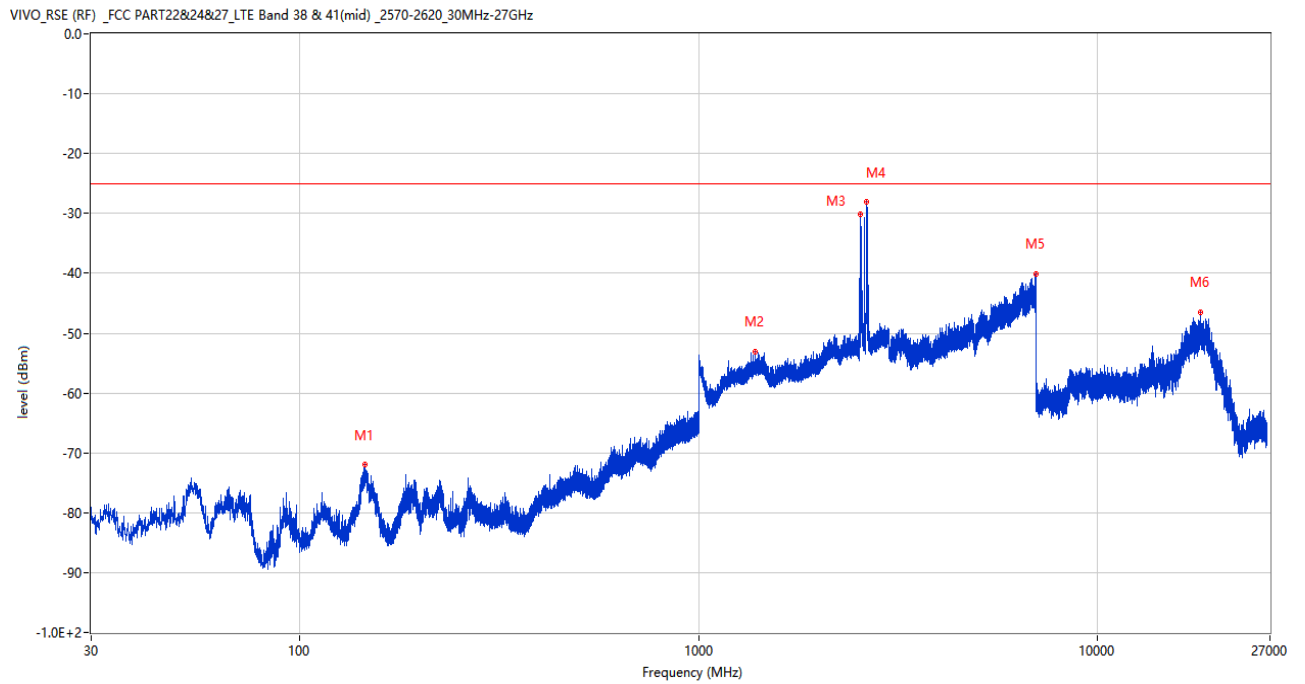
16.9 CA_38C 20MHz+20MHz, QPSK, Middle Channel

RSE-H&H PCC 37901 BW20 QPSK RB1 HIGH SCC 38099 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.73	-15.20	-25.0	-46.73	297.00	Horizontal	Horizontal	Pass
1449.600	-53.53	-2.02	-25.0	-28.53	360.00	Horizontal	Horizontal	Pass
2559.000	-26.83	3.29	-25.0	-1.83	260.00	Horizontal	Horizontal	N/A
2594.100	-26.86	4.74	-25.0	-1.86	277.00	Horizontal	Horizontal	N/A
6816.600	-39.90	13.12	-25.0	-14.90	115.00	Horizontal	Horizontal	Pass
18198.901	-47.48	10.31	-25.0	-22.48	360.00	Horizontal	Horizontal	Pass

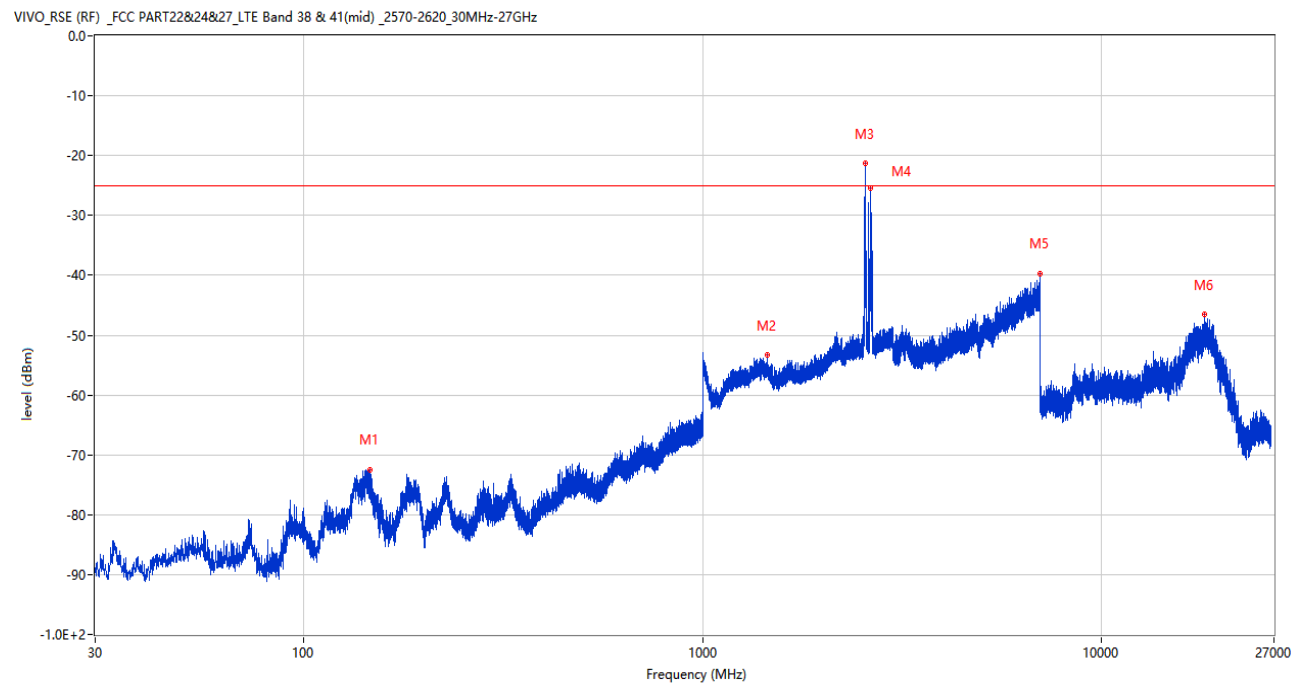
RSE-V&V PCC 37901 BW20 QPSK RB1 HIGH SCC 38099 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.87	-15.19	-25.0	-46.87	352.00	Vertical	Vertical	Pass
1382.500	-53.03	-1.94	-25.0	-28.03	61.00	Vertical	Vertical	Pass
2545.300	-30.11	2.72	-25.0	-5.11	268.00	Vertical	Vertical	N/A
2625.000	-28.08	3.69	-25.0	-3.08	360.00	Vertical	Vertical	N/A
6992.600	-40.13	13.92	-25.0	-15.13	212.00	Vertical	Vertical	Pass
18112.199	-46.52	10.48	-25.0	-21.52	51.00	Vertical	Vertical	Pass

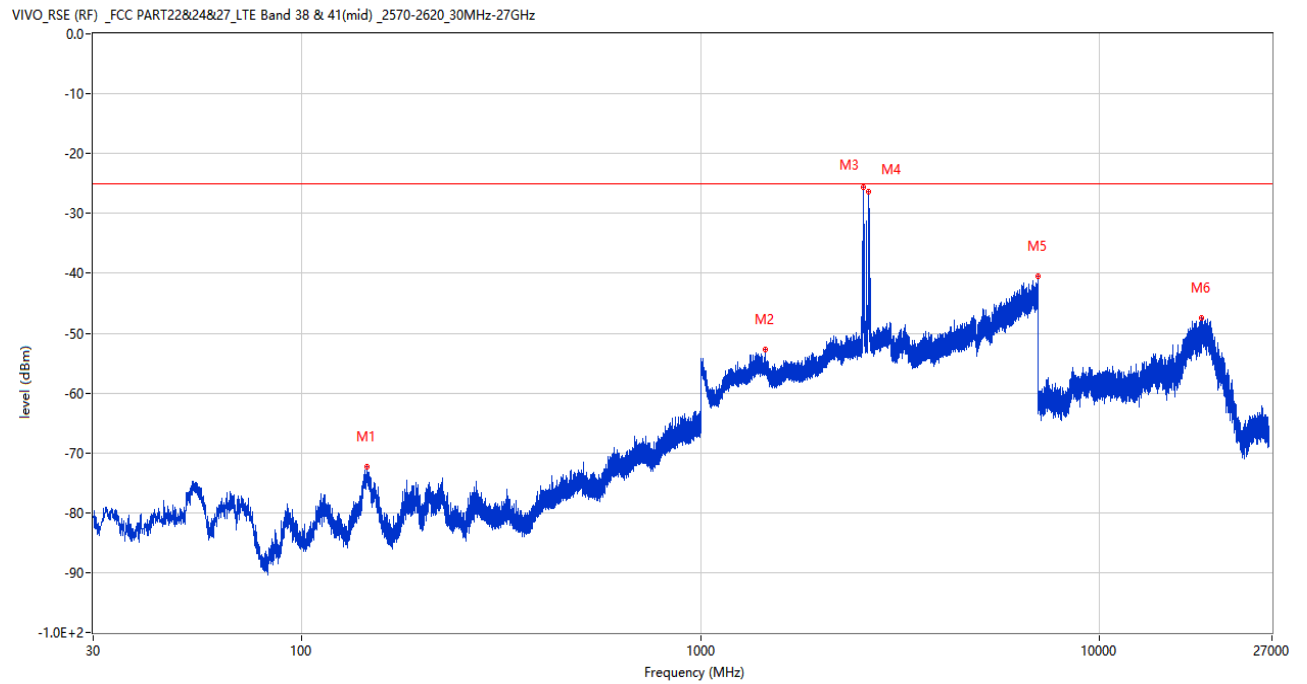
16.10 CA_38C 20MHz+20MHz, 16-QAM, Middle Channel

RSE-H&H PCC 37901 BW20 16QAM RB1 HIGH SCC 38099 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
146.352	-72.53	-15.24	-25.0	-47.53	314.00	Horizontal	Horizontal	Pass
1449.500	-53.29	-2.01	-25.0	-28.29	360.00	Horizontal	Horizontal	Pass
2547.900	-21.21	3.09	-25.0	3.79	268.00	Horizontal	Horizontal	N/A
2631.300	-25.36	3.64	-25.0	-0.36	138.00	Horizontal	Horizontal	N/A
6993.000	-39.72	13.92	-25.0	-14.72	313.00	Horizontal	Horizontal	Pass
18110.501	-46.54	10.48	-25.0	-21.54	215.00	Horizontal	Horizontal	Pass

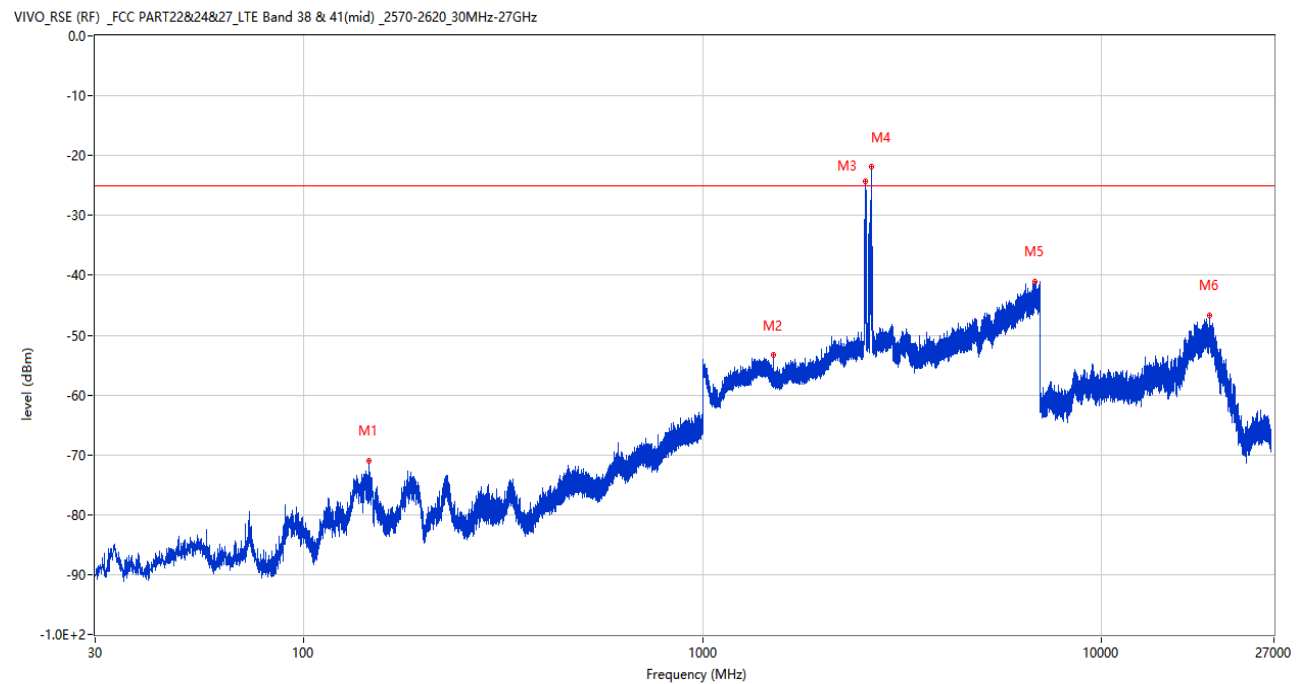
RSE-V&V PCC 37901 BW20 16QAM RB1 HIGH SCC 38099 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.36	-15.20	-25.0	-47.36	349.00	Vertical	Vertical	Pass
1450.000	-52.66	-2.08	-25.0	-27.66	178.00	Vertical	Vertical	Pass
2554.400	-25.62	3.13	-25.0	-0.62	270.00	Vertical	Vertical	N/A
2625.300	-26.44	3.68	-25.0	-1.44	289.00	Vertical	Vertical	N/A
6992.400	-40.52	13.92	-25.0	-15.52	273.00	Vertical	Vertical	Pass
18027.624	-47.45	10.65	-25.0	-22.45	110.00	Vertical	Vertical	Pass

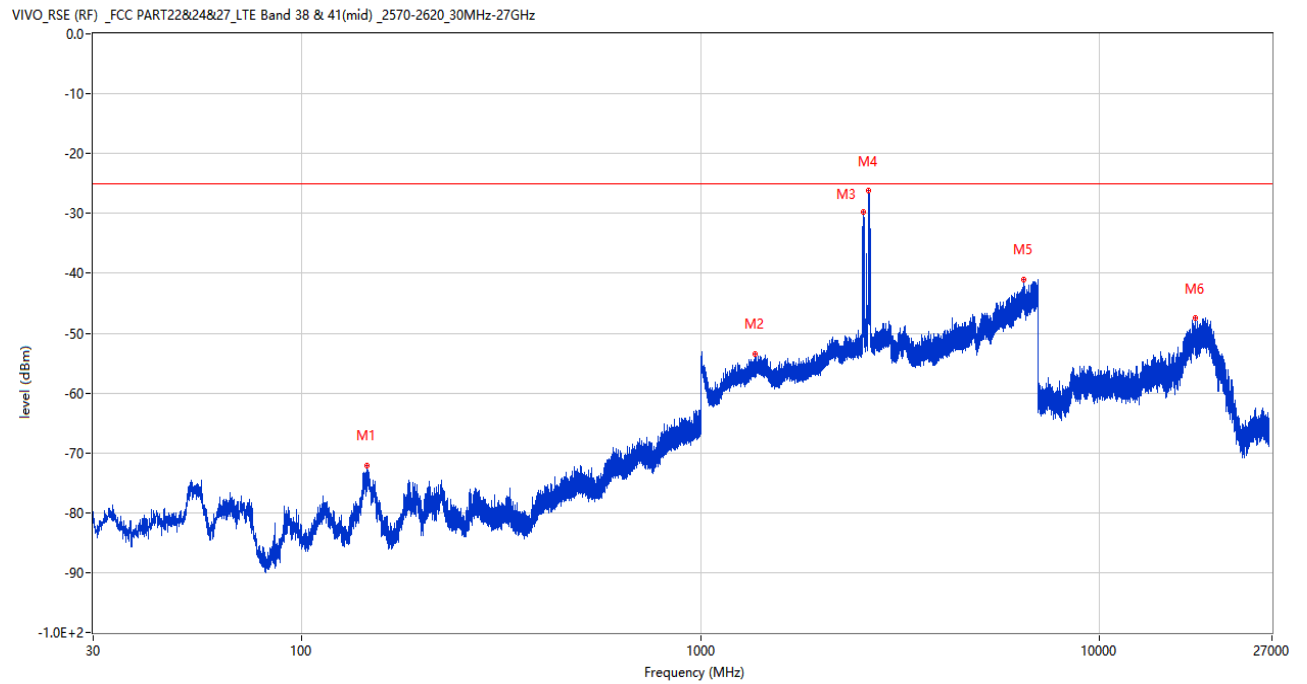
16.11 CA_38C 20MHz+20MHz, QPSK, High Channel

RSE-H&H PCC 37952 BW20 QPSK RB1 HIGH SCC 38150 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
145.527	-70.99	-15.19	-25.0	-45.99	271.00	Horizontal	Horizontal	Pass
1502.700	-53.30	-4.03	-25.0	-28.30	229.00	Horizontal	Horizontal	Pass
2556.800	-24.32	2.75	-25.0	0.68	250.00	Horizontal	Horizontal	N/A
2642.800	-21.94	2.47	-25.0	3.06	288.00	Horizontal	Horizontal	N/A
6810.000	-41.00	13.14	-25.0	-16.00	129.00	Horizontal	Horizontal	Pass
18639.198	-46.64	9.44	-25.0	-21.64	273.00	Horizontal	Horizontal	Pass

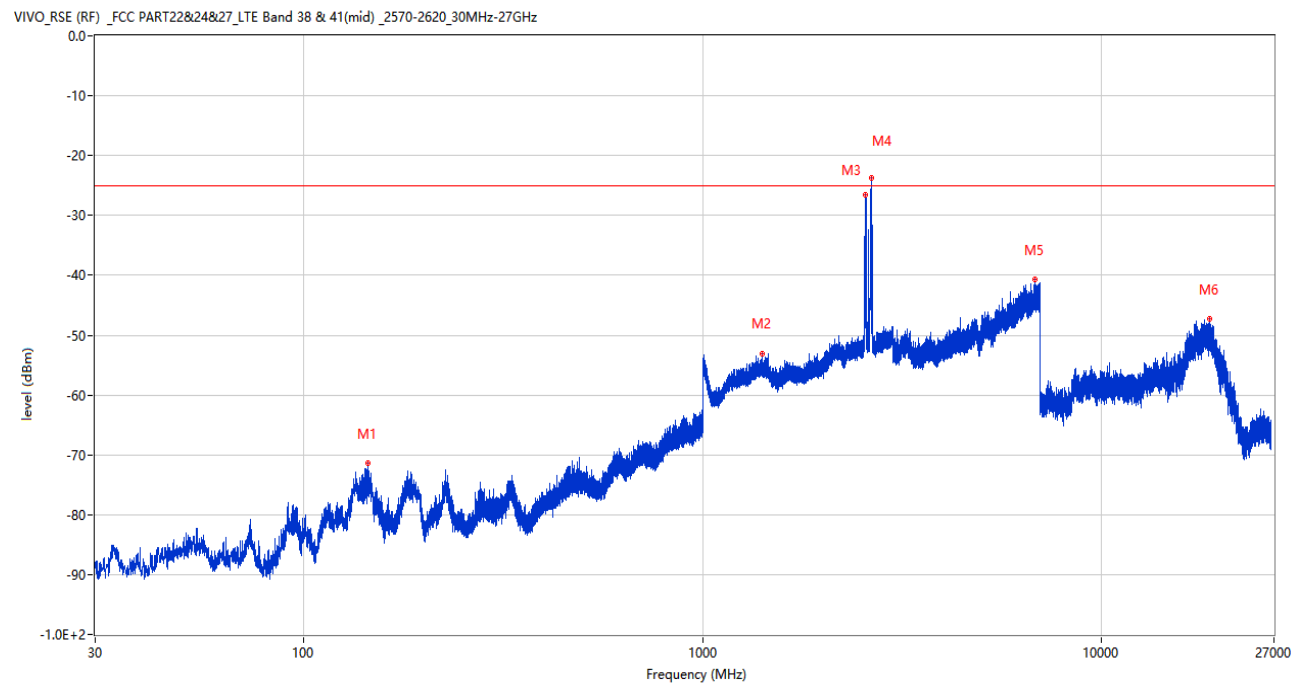
RSE-V&V PCC 37952 BW20 QPSK RB1 HIGH SCC 38150 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.08	-15.20	-25.0	-47.08	1.00	Vertical	Vertical	Pass
1369.300	-53.54	-2.01	-25.0	-28.54	273.00	Vertical	Vertical	Pass
2561.000	-29.77	4.31	-25.0	-4.77	359.00	Vertical	Vertical	N/A
2629.100	-26.16	3.39	-25.0	-1.16	360.00	Vertical	Vertical	N/A
6444.600	-41.08	12.46	-25.0	-16.08	2.00	Vertical	Vertical	Pass
17335.613	-47.51	10.50	-25.0	-22.51	204.00	Vertical	Vertical	Pass

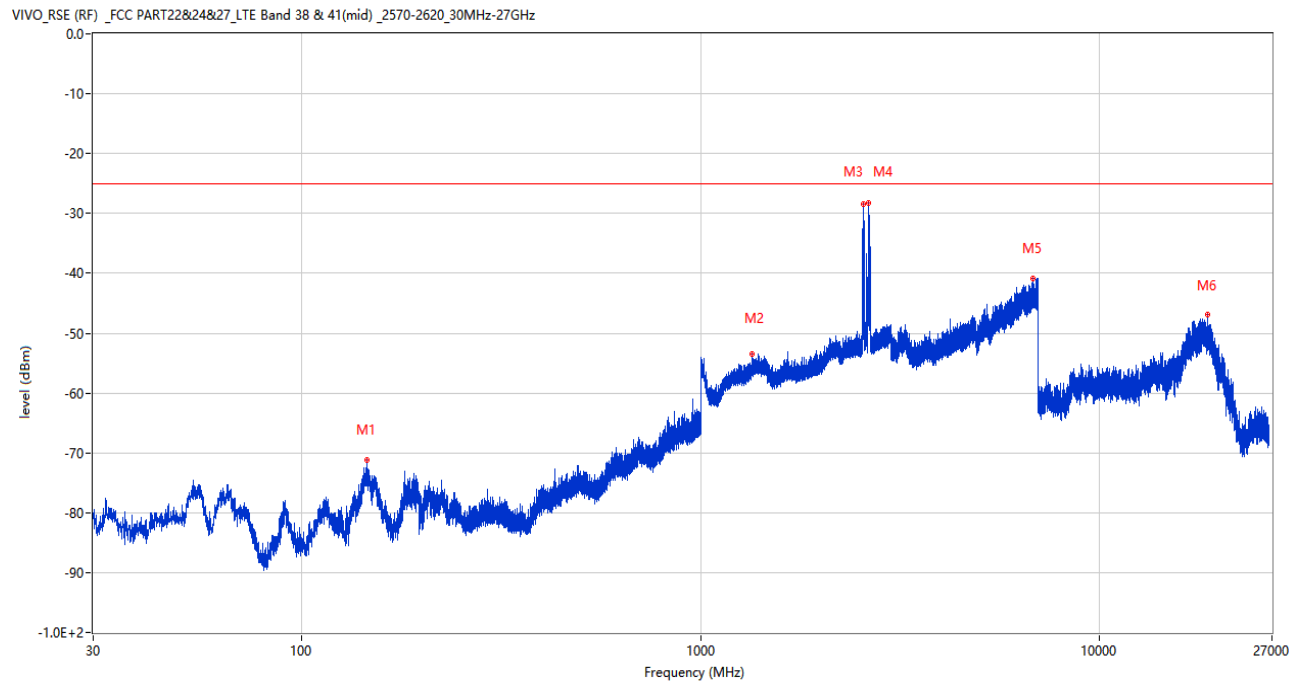
16.12 CA_38C 20MHz+20MHz, 16-QAM, High Channel

RSE-H&H PCC 37952 BW20 16QAM RB1 HIGH SCC 38150 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
144.412	-71.30	-15.24	-25.0	-46.30	308.00	Horizontal	Horizontal	Pass
1411.000	-53.14	-1.88	-25.0	-28.14	333.00	Horizontal	Horizontal	Pass
2562.300	-26.51	5.44	-25.0	-1.51	232.00	Horizontal	Horizontal	N/A
2640.200	-23.82	2.53	-25.0	1.18	292.00	Horizontal	Horizontal	N/A
6813.200	-40.73	13.15	-25.0	-15.73	107.00	Horizontal	Horizontal	Pass
18618.374	-47.21	9.48	-25.0	-22.21	96.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 37952 BW20 16QAM RB1 HIGH SCC 38150 BW20 16QAM RB1 LOW

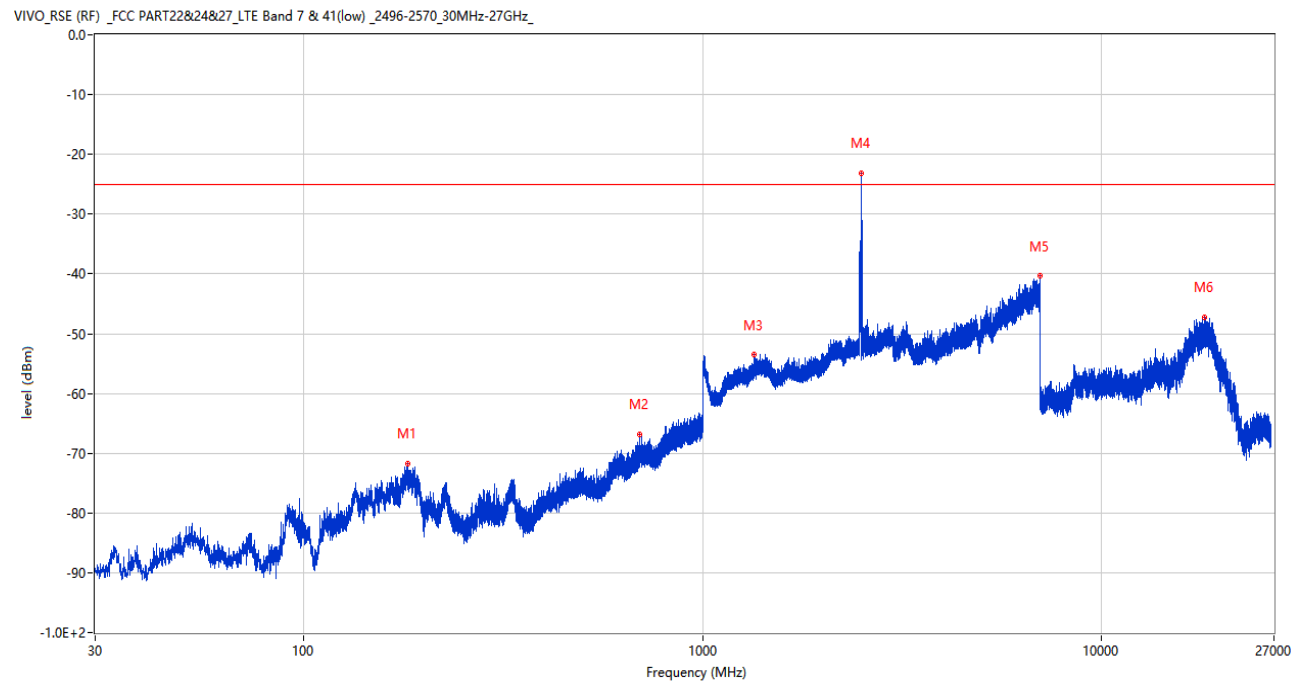


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.478	-71.24	-15.19	-25.0	-46.24	347.00	Vertical	Vertical	Pass
1340.500	-53.53	-2.66	-25.0	-28.53	46.00	Vertical	Vertical	Pass
2558.400	-28.45	3.08	-25.0	-3.45	251.00	Vertical	Vertical	N/A
2630.300	-28.20	3.55	-25.0	-3.20	0.00	Vertical	Vertical	N/A
6791.000	-40.91	12.90	-25.0	-15.91	3.00	Vertical	Vertical	Pass
18603.500	-46.91	9.51	-25.0	-21.91	140.00	Vertical	Vertical	Pass

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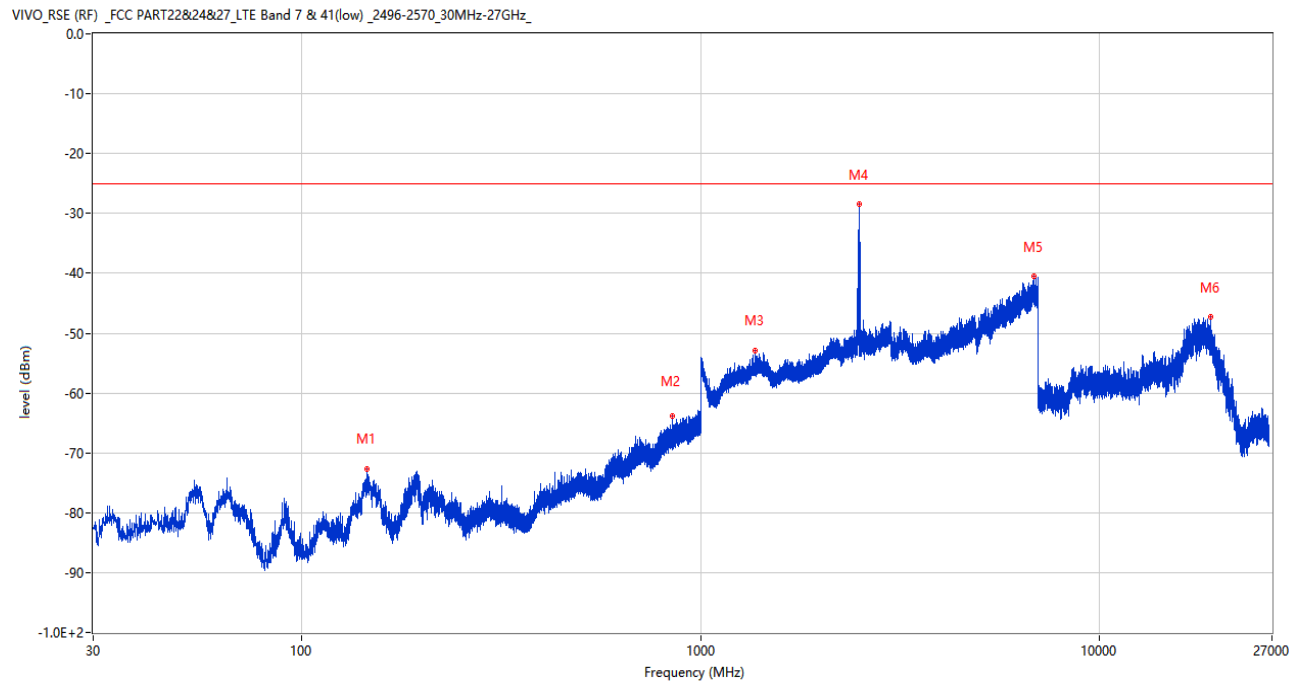
17.1 CA_41C 20MHz+5MHz, QPSK, Low Channel

RSE-H&H PCC 39750 BW20 QPSK RB1 HIGH SCC 39867 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
181.999	-71.84	-14.73	-25.0	-46.84	0.00	Horizontal	Horizontal	Pass
694.644	-66.83	-0.05	-25.0	-41.83	291.00	Horizontal	Horizontal	Pass
1341.500	-53.50	-2.49	-25.0	-28.50	25.00	Horizontal	Horizontal	Pass
2489.200	-23.14	3.09	-25.0	1.86	111.00	Horizontal	Horizontal	N/A
6998.200	-40.32	13.95	-25.0	-15.32	8.00	Horizontal	Horizontal	Pass
18079.474	-47.28	10.54	-25.0	-22.28	3.00	Horizontal	Horizontal	Pass

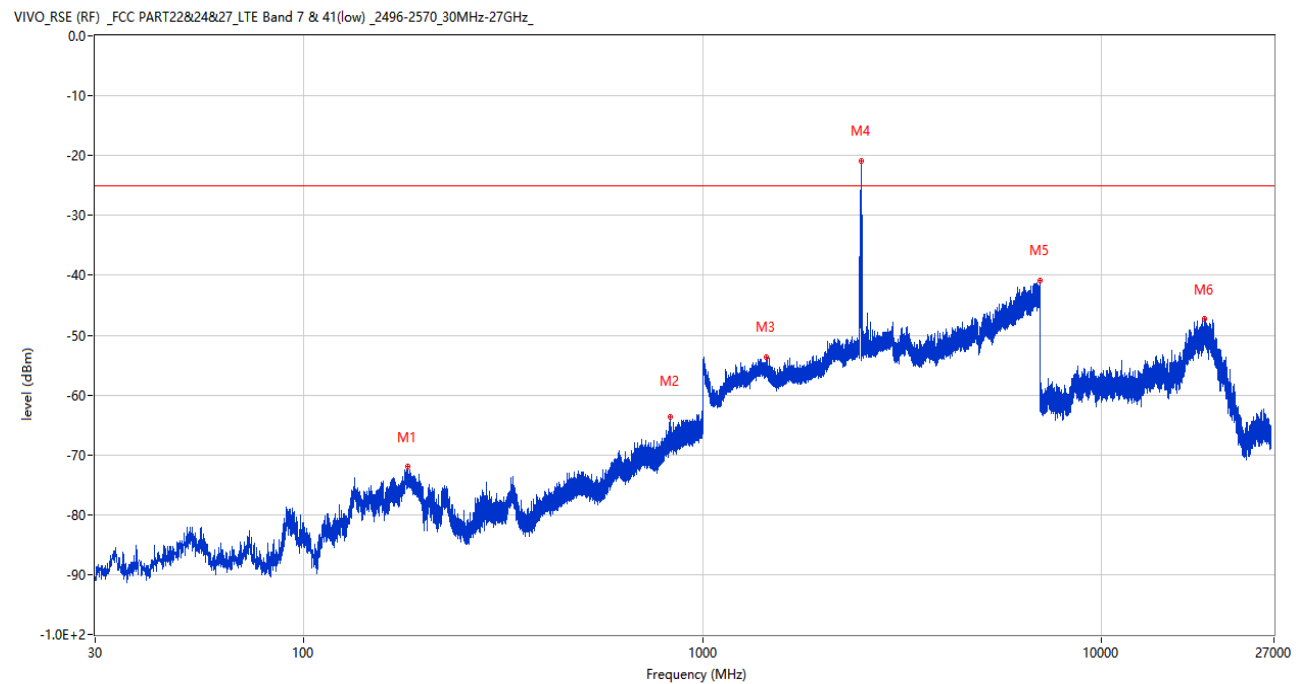
RSE-V&V PCC 39750 BW20 QPSK RB1 HIGH SCC 39867 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-72.68	-15.21	-25.0	-47.68	3.00	Vertical	Vertical	Pass
846.206	-63.89	2.61	-25.0	-38.89	0.00	Vertical	Vertical	Pass
1367.200	-52.95	-2.05	-25.0	-27.95	323.00	Vertical	Vertical	Pass
2489.400	-28.47	3.09	-25.0	-3.47	282.00	Vertical	Vertical	N/A
6837.600	-40.42	12.48	-25.0	-15.42	35.00	Vertical	Vertical	Pass
18947.750	-47.28	8.82	-25.0	-22.28	121.00	Vertical	Vertical	Pass

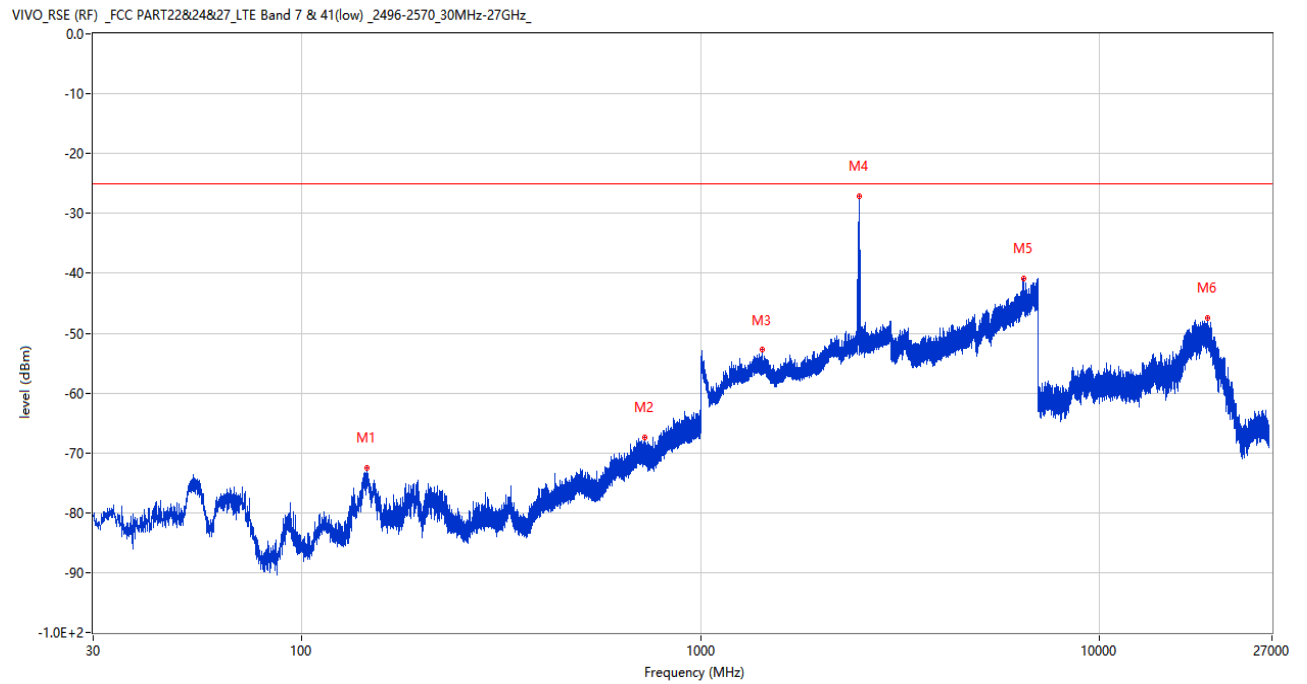
17.2 CA_41C 20MHz+5MHz, 16-QAM, Low Channel

RSE-H&H PCC 39750 BW20 16QAM RB1 HIGH SCC 39867 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
182.048	-71.88	-14.74	-25.0	-46.88	187.00	Horizontal	Horizontal	Pass
830.105	-63.74	2.48	-25.0	-38.74	358.00	Horizontal	Horizontal	Pass
1443.800	-53.69	-2.21	-25.0	-28.69	257.00	Horizontal	Horizontal	Pass
2489.300	-21.00	3.09	-25.0	4.00	257.00	Horizontal	Horizontal	N/A
6996.200	-40.81	13.84	-25.0	-15.81	248.00	Horizontal	Horizontal	Pass
18105.401	-47.26	10.49	-25.0	-22.26	3.00	Horizontal	Horizontal	Pass

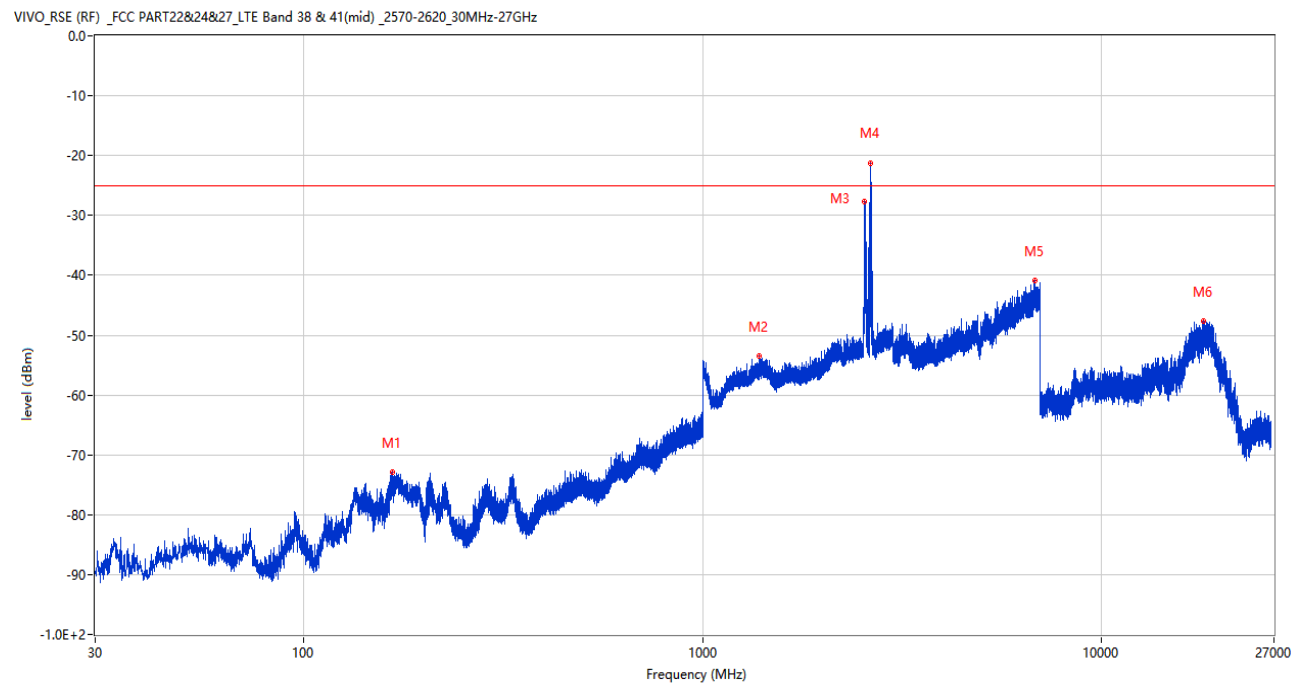
RSE-V&V PCC 39750 BW20 16QAM RB1 HIGH SCC 39867 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.430	-72.46	-15.20	-25.0	-47.46	252.00	Vertical	Vertical	Pass
722.580	-67.40	-0.06	-25.0	-42.40	360.00	Vertical	Vertical	Pass
1421.400	-52.75	-1.92	-25.0	-27.75	60.00	Vertical	Vertical	Pass
2489.300	-27.14	3.09	-25.0	-2.14	260.00	Vertical	Vertical	N/A
6448.000	-40.83	12.61	-25.0	-15.83	297.00	Vertical	Vertical	Pass
18600.526	-47.48	9.51	-25.0	-22.48	273.00	Vertical	Vertical	Pass

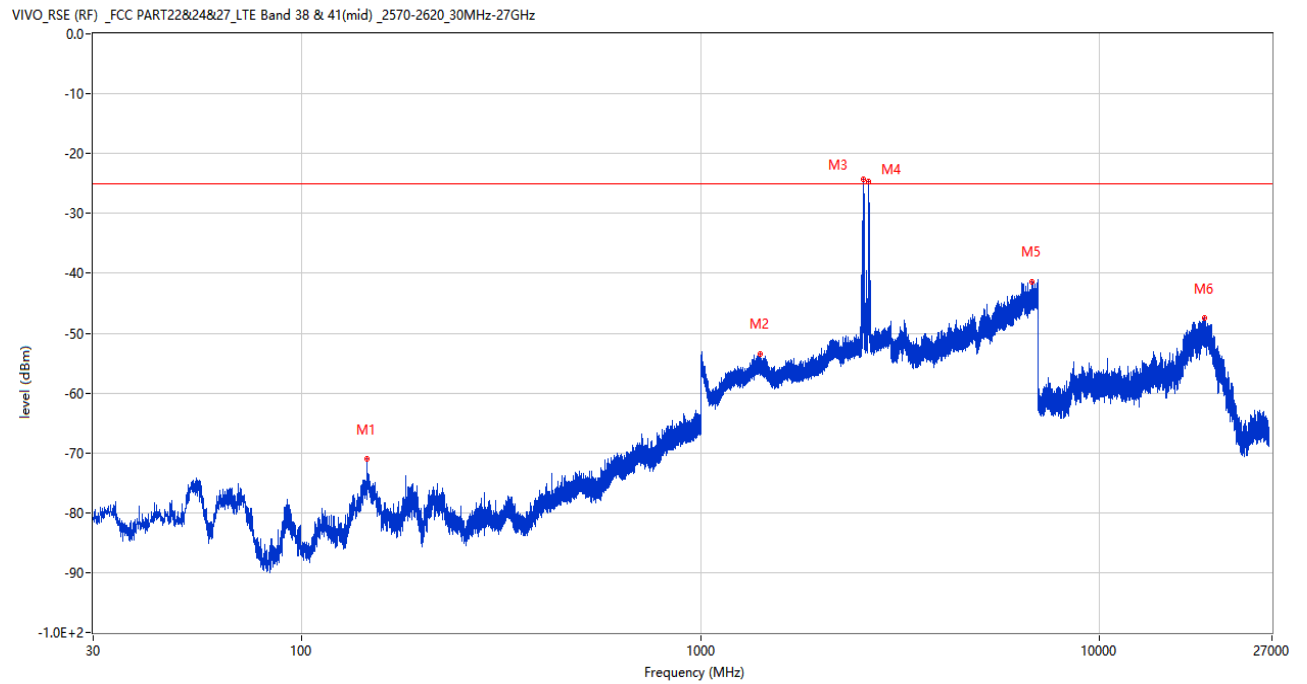
17.3 CA_41C 20MHz+5MHz, QPSK, Middle Channel

RSE-H&H PCC 40595 BW20 QPSK RB1 HIGH SCC 40712 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
166.430	-72.86	-15.42	-25.0	-47.86	263.00	Horizontal	Horizontal	Pass
1380.400	-53.50	-1.85	-25.0	-28.50	162.00	Horizontal	Horizontal	Pass
2540.300	-27.73	1.83	-25.0	-2.73	136.00	Horizontal	Horizontal	N/A
2630.100	-21.32	3.52	-25.0	3.68	272.00	Horizontal	Horizontal	N/A
6809.400	-40.91	13.10	-25.0	-15.91	360.00	Horizontal	Horizontal	Pass
17944.875	-47.72	9.61	-25.0	-22.72	21.00	Horizontal	Horizontal	Pass

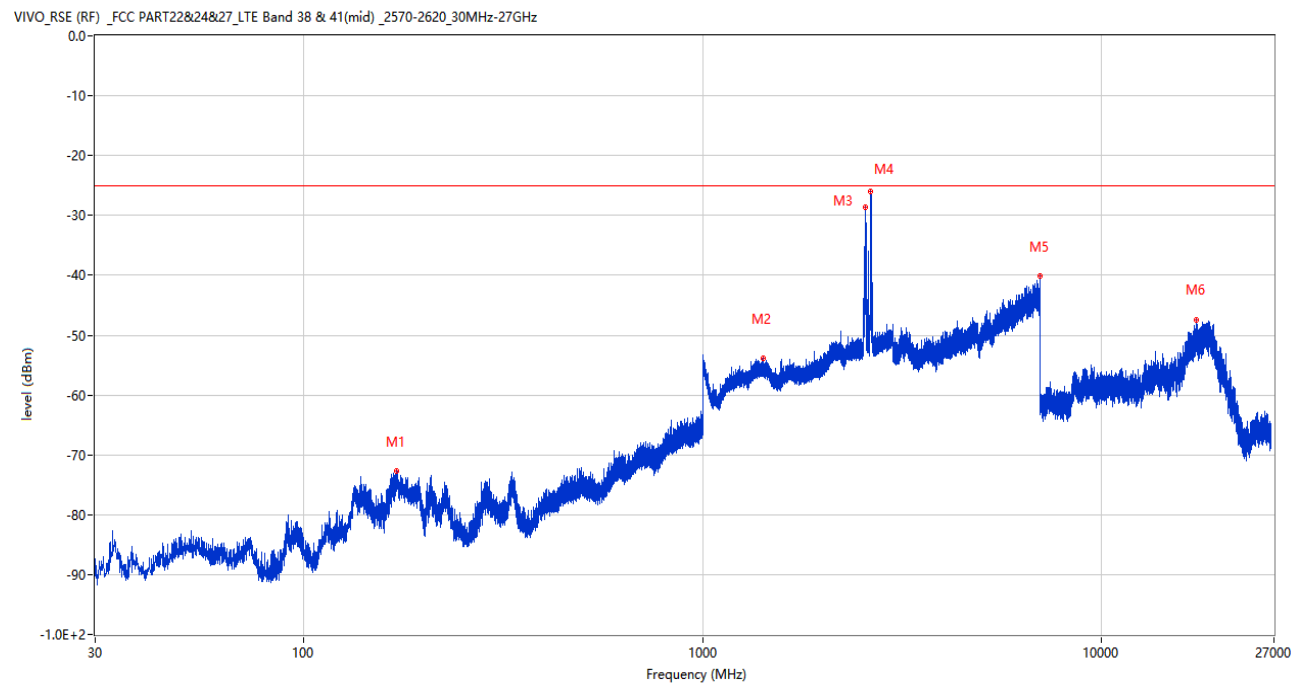
RSE-V&V PCC 40595 BW20 QPSK RB1 HIGH SCC 40712 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.08	-15.20	-25.0	-46.08	313.00	Vertical	Vertical	Pass
1406.400	-53.56	-1.83	-25.0	-28.56	269.00	Vertical	Vertical	Pass
2561.500	-24.29	4.74	-25.0	0.71	310.00	Vertical	Vertical	N/A
2626.500	-24.67	3.64	-25.0	0.33	235.00	Vertical	Vertical	N/A
6737.600	-41.42	11.71	-25.0	-16.42	146.00	Vertical	Vertical	Pass
18263.927	-47.42	10.18	-25.0	-22.42	325.00	Vertical	Vertical	Pass

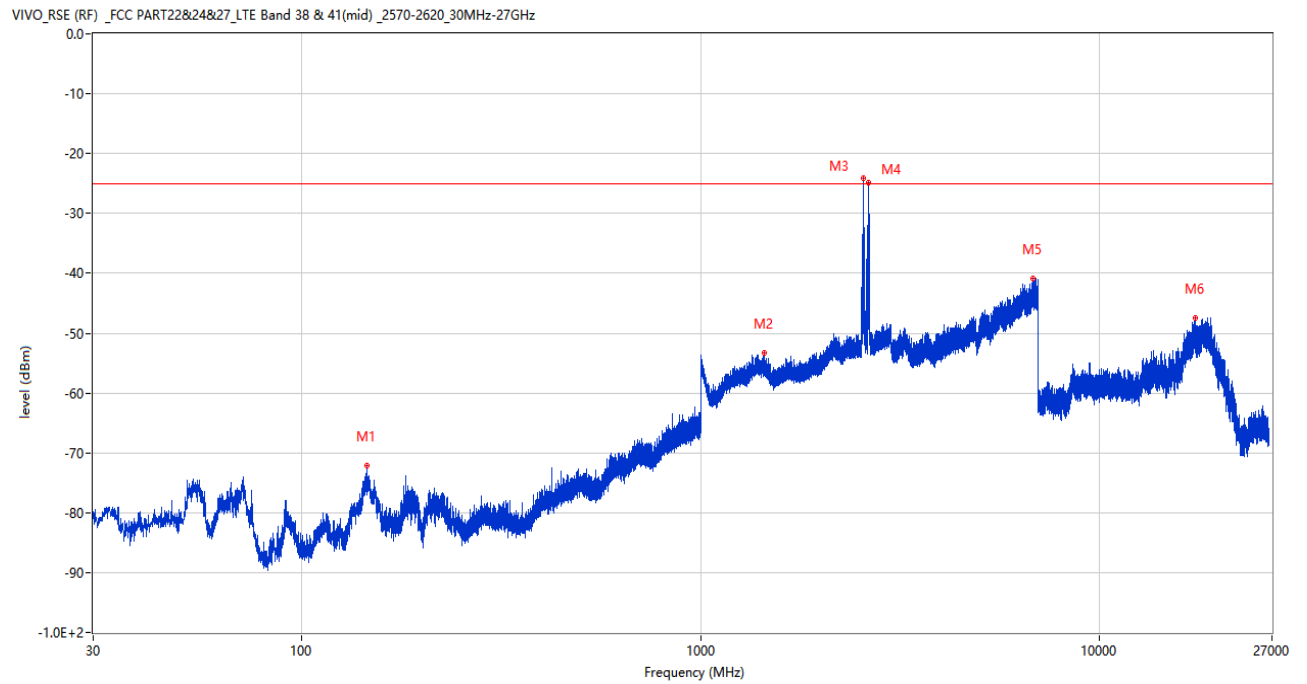
17.4 CA_41C 20MHz+5MHz, 16-QAM, Middle Channel

RSE-H&H PCC 40595 BW20 16QAM RB1 HIGH SCC 40712 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
170.650	-72.78	-15.06	-25.0	-47.78	267.00	Horizontal	Horizontal	Pass
1416.400	-53.91	-1.91	-25.0	-28.91	225.00	Horizontal	Horizontal	Pass
2552.000	-28.60	3.37	-25.0	-3.60	133.00	Horizontal	Horizontal	N/A
2635.300	-25.90	3.24	-25.0	-0.90	126.00	Horizontal	Horizontal	N/A
6999.600	-40.18	13.92	-25.0	-15.18	194.00	Horizontal	Horizontal	Pass
17212.762	-47.53	10.28	-25.0	-22.53	186.00	Horizontal	Horizontal	Pass

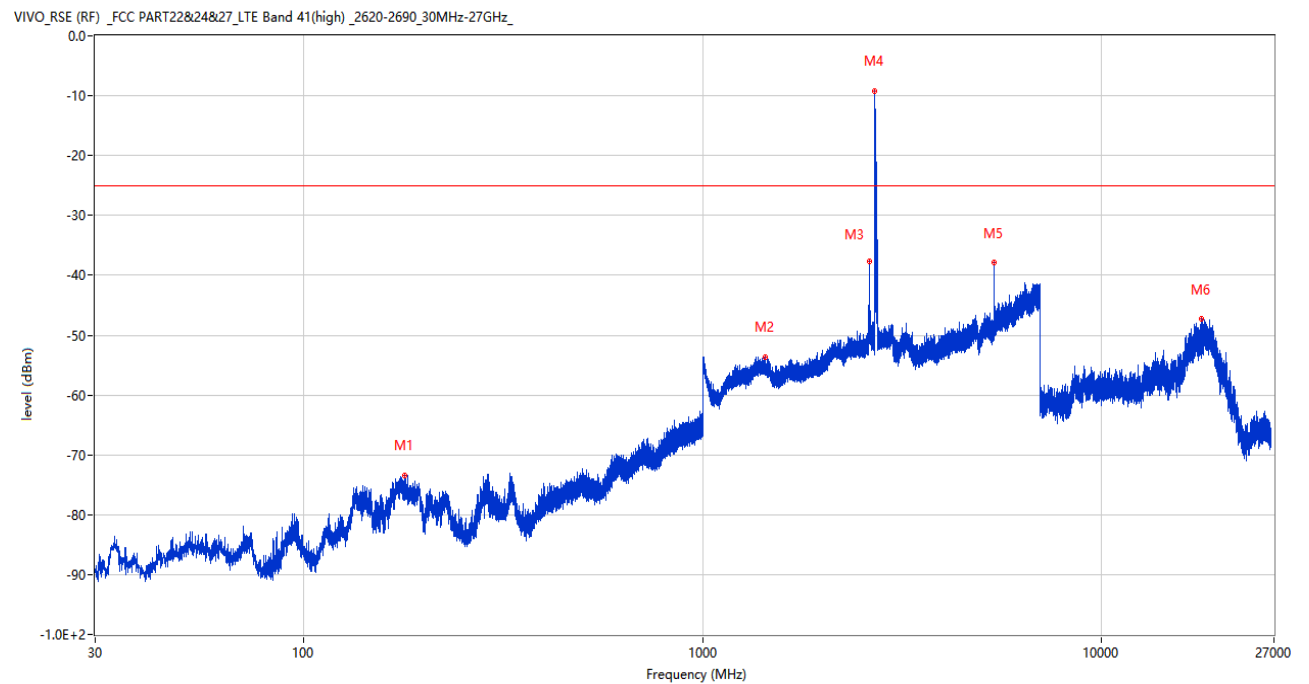
RSE-V&V PCC 40595 BW20 16QAM RB1 HIGH SCC 40712 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-72.17	-15.19	-25.0	-47.17	339.00	Vertical	Vertical	Pass
1443.200	-53.38	-2.06	-25.0	-28.38	44.00	Vertical	Vertical	Pass
2562.000	-24.09	5.18	-25.0	0.91	328.00	Vertical	Vertical	N/A
2636.000	-24.90	3.10	-25.0	0.10	252.00	Vertical	Vertical	N/A
6786.800	-40.89	12.87	-25.0	-15.89	23.00	Vertical	Vertical	Pass
17361.338	-47.43	10.47	-25.0	-22.43	163.00	Vertical	Vertical	Pass

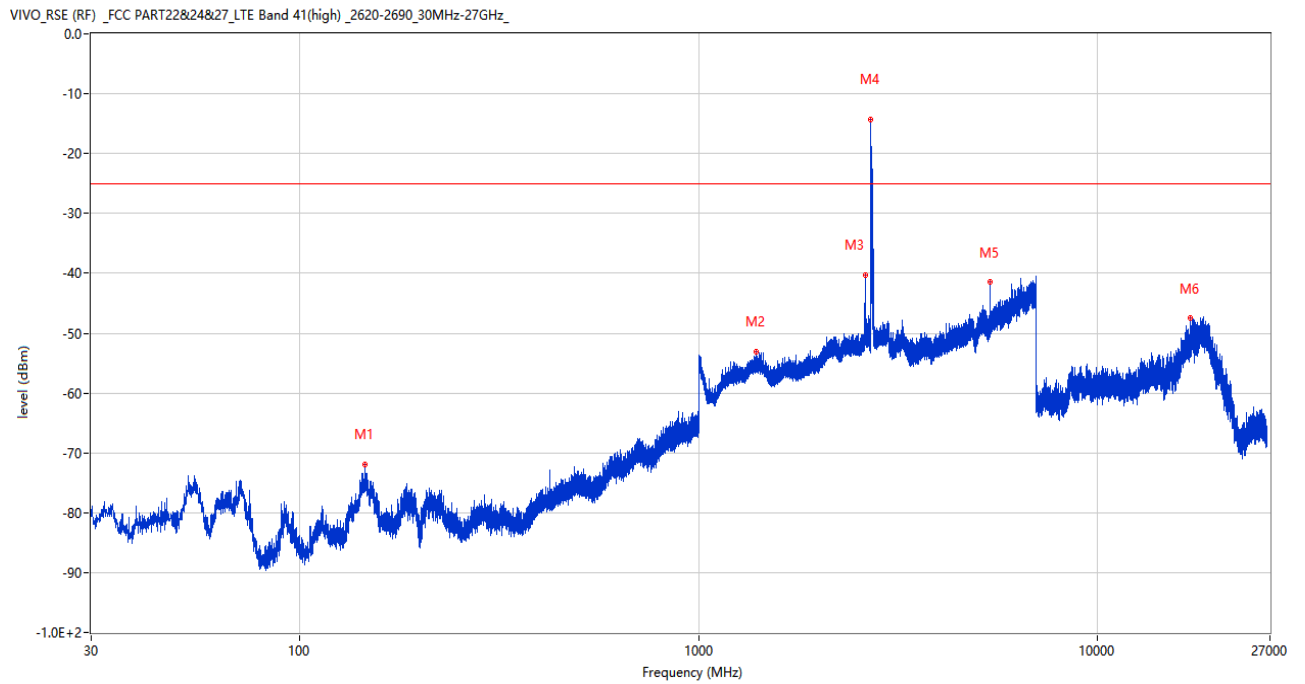
17.5 CA_41C 20MHz+5MHz, QPSK, High Channel

RSE-H&H PCC 41440 BW20 QPSK RB1 HIGH SCC 41557 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
179.186	-73.49	-14.55	-25.0	-48.49	52.00	Horizontal	Horizontal	Pass
1433.000	-53.60	-1.92	-25.0	-28.60	248.00	Horizontal	Horizontal	Pass
2614.900	-37.61	5.50	-25.0	-12.61	183.00	Horizontal	Horizontal	N/A
2699.400	-9.24	4.57	-25.0	15.76	265.00	Horizontal	Horizontal	N/A
5368.000	-37.91	6.84	-25.0	-12.91	210.00	Horizontal	Horizontal	Pass
17810.475	-47.30	9.89	-25.0	-22.30	207.00	Horizontal	Horizontal	Pass

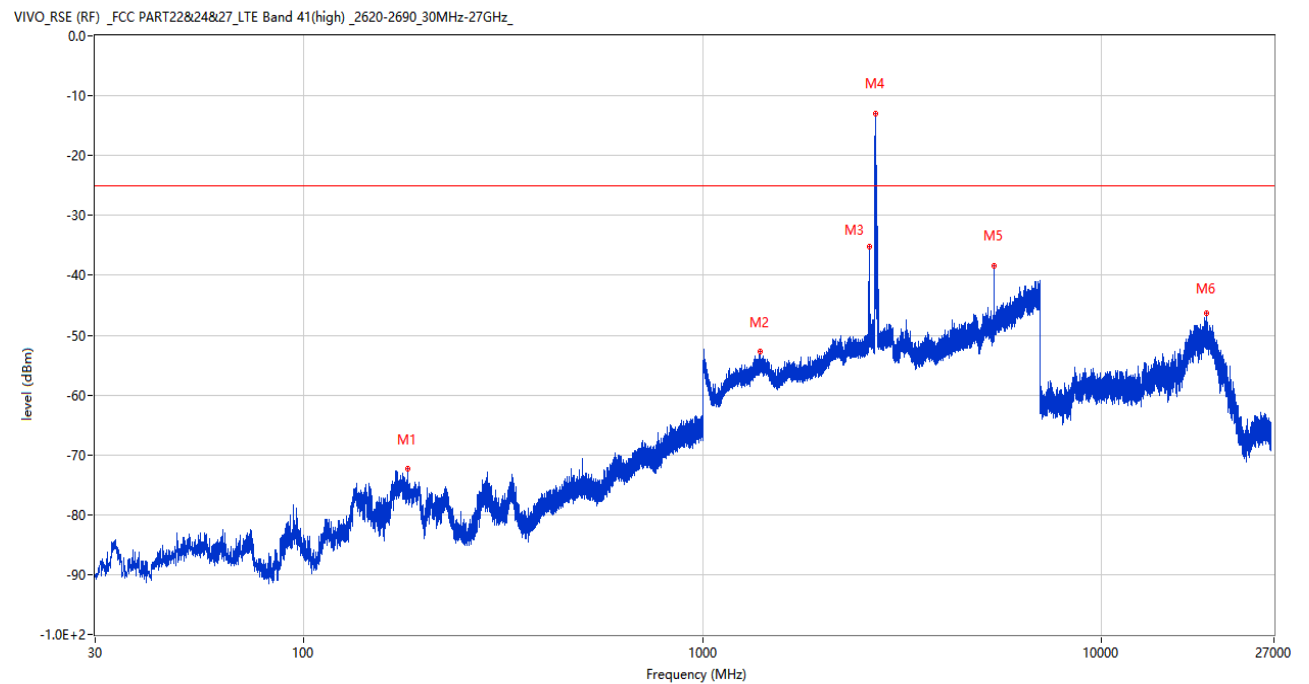
RSE-V&V PCC 41440 BW20 QPSK RB1 HIGH SCC 41557 BW5 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.91	-15.20	-25.0	-46.91	12.00	Vertical	Vertical	Pass
1389.100	-53.09	-1.89	-25.0	-28.09	83.00	Vertical	Vertical	Pass
2615.300	-40.30	5.50	-25.0	-15.30	324.00	Vertical	Vertical	N/A
2701.000	-14.40	4.24	-25.0	10.60	280.00	Vertical	Vertical	N/A
5368.400	-41.49	6.85	-25.0	-16.49	283.00	Vertical	Vertical	Pass
17085.712	-47.48	10.07	-25.0	-22.48	124.00	Vertical	Vertical	Pass

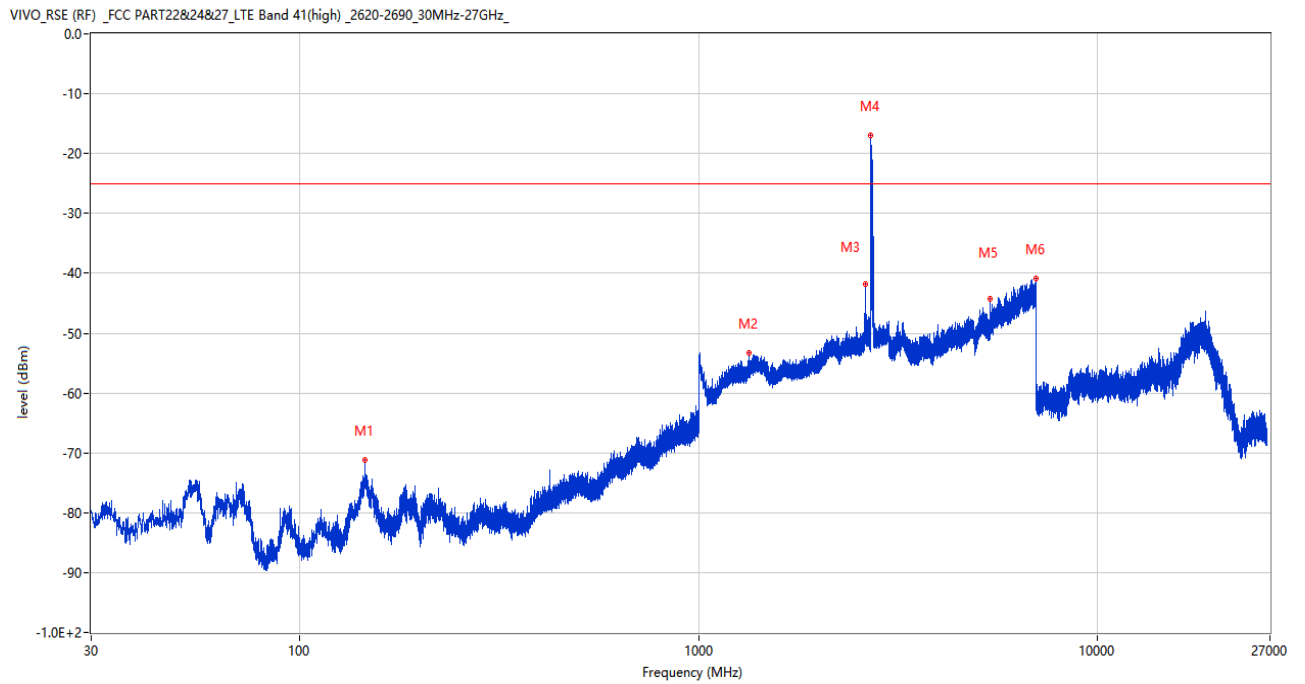
17.6 CA_41C 20MHz+5MHz, 16-QAM, High Channel

RSE-H&H PCC 41440 BW20 16QAM RB1 HIGH SCC 41557 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
181.999	-72.30	-14.73	-25.0	-47.30	34.00	Horizontal	Horizontal	Pass
1390.500	-52.79	-1.88	-25.0	-27.79	189.00	Horizontal	Horizontal	Pass
2614.600	-35.28	5.50	-25.0	-10.28	251.00	Horizontal	Horizontal	N/A
2702.900	-12.99	4.01	-25.0	12.01	256.00	Horizontal	Horizontal	N/A
5368.400	-38.51	6.85	-25.0	-13.51	263.00	Horizontal	Horizontal	Pass
18281.349	-46.24	10.14	-25.0	-21.24	3.00	Horizontal	Horizontal	Pass

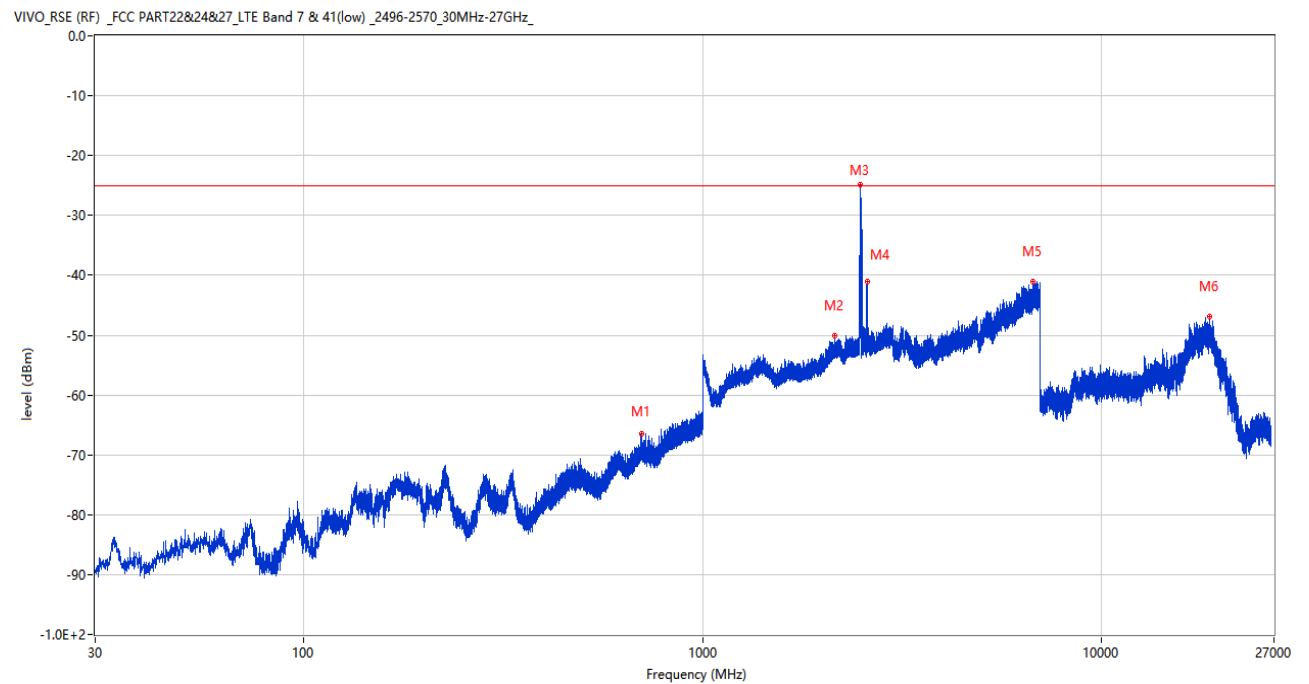
RSE-V&V PCC 41440 BW20 16QAM RB1 HIGH SCC 41557 BW5 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.527	-71.13	-15.20	-25.0	-46.13	334.00	Vertical	Vertical	Pass
1337.100	-53.33	-2.68	-25.0	-28.33	102.00	Vertical	Vertical	Pass
2614.100	-41.88	5.51	-25.0	-16.88	64.00	Vertical	Vertical	N/A
2701.800	-17.03	4.14	-25.0	7.97	239.00	Vertical	Vertical	N/A
5368.000	-44.21	6.84	-25.0	-19.21	309.00	Vertical	Vertical	Pass
6996.600	-40.89	13.88	-25.0	-15.89	232.00	Vertical	Vertical	Pass

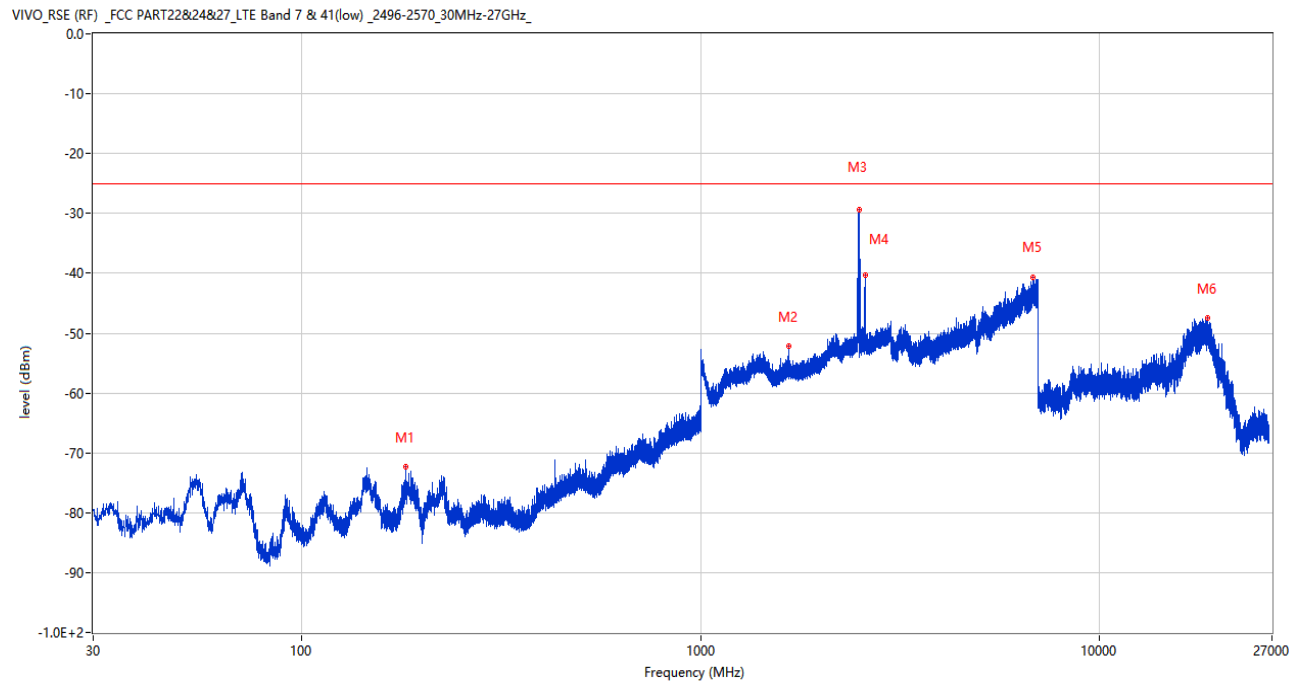
17.7 CA_41C 20MHz+20MHz, QPSK, Low Channel

RSE-H&H PCC 39750 BW20 QPSK RB1 HIGH SCC 39948 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
700.561	-66.50	0.29	-25.0	-41.50	354.00	Horizontal	Horizontal	Pass
2144.900	-50.09	0.97	-25.0	-25.09	64.00	Horizontal	Horizontal	Pass
2481.000	-24.94	2.35	-25.0	0.06	109.00	Horizontal	Horizontal	N/A
2582.700	-41.12	3.36	-25.0	-16.12	140.00	Horizontal	Horizontal	N/A
6734.200	-41.05	11.57	-25.0	-16.05	360.00	Horizontal	Horizontal	Pass
18604.349	-46.90	9.50	-25.0	-21.90	49.00	Horizontal	Horizontal	Pass

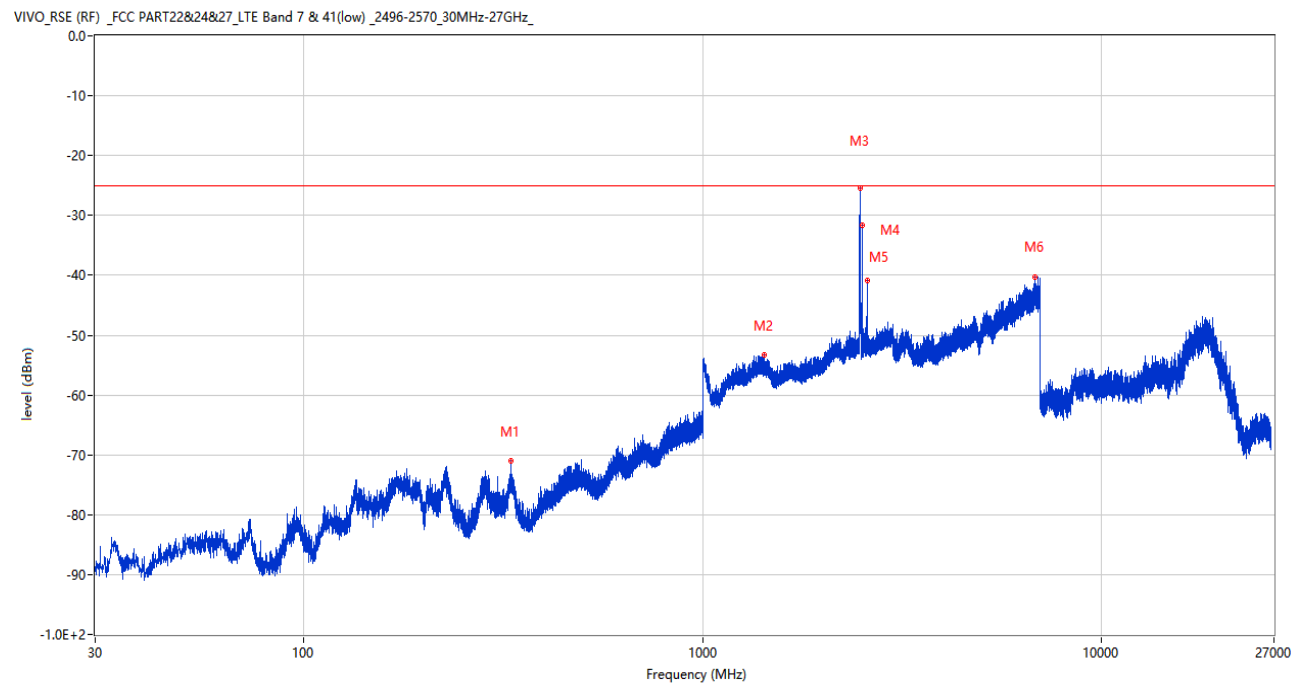
RSE-V&V PCC 39750 BW20 QPSK RB1 HIGH SCC 39948 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
182.096	-72.41	-14.75	-25.0	-47.41	223.00	Vertical	Vertical	Pass
1665.100	-52.23	-2.80	-25.0	-27.23	342.00	Vertical	Vertical	Pass
2488.100	-29.44	3.08	-25.0	-4.44	349.00	Vertical	Vertical	N/A
2579.700	-40.22	3.87	-25.0	-15.22	238.00	Vertical	Vertical	N/A
6807.600	-40.66	13.08	-25.0	-15.66	316.00	Vertical	Vertical	Pass
18604.349	-47.49	9.50	-25.0	-22.49	360.00	Vertical	Vertical	Pass

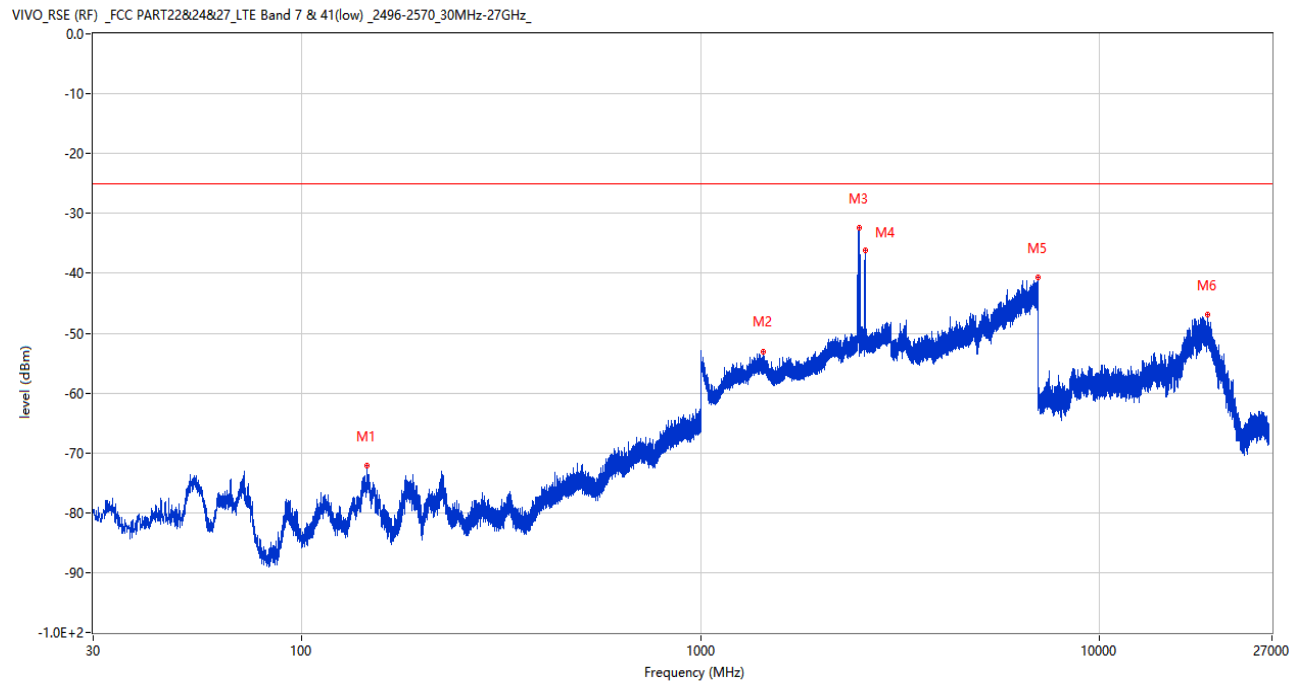
17.8 CA_41C 20MHz+20MHz, 16-QAM, Low Channel

RSE-H&H PCC 39750 BW20 16QAM RB1 HIGH SCC 39948 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
330.846	-70.95	-12.15	-25.0	-45.95	276.00	Horizontal	Horizontal	Pass
1425.000	-53.26	-1.83	-25.0	-28.26	198.00	Horizontal	Horizontal	Pass
2487.200	-25.47	3.07	-25.0	-0.47	269.00	Horizontal	Horizontal	N/A
2515.200	-31.71	3.38	-25.0	-6.71	261.00	Horizontal	Horizontal	N/A
2577.900	-40.87	4.08	-25.0	-15.87	205.00	Horizontal	Horizontal	N/A
6814.200	-40.36	13.13	-25.0	-15.36	116.00	Horizontal	Horizontal	Pass

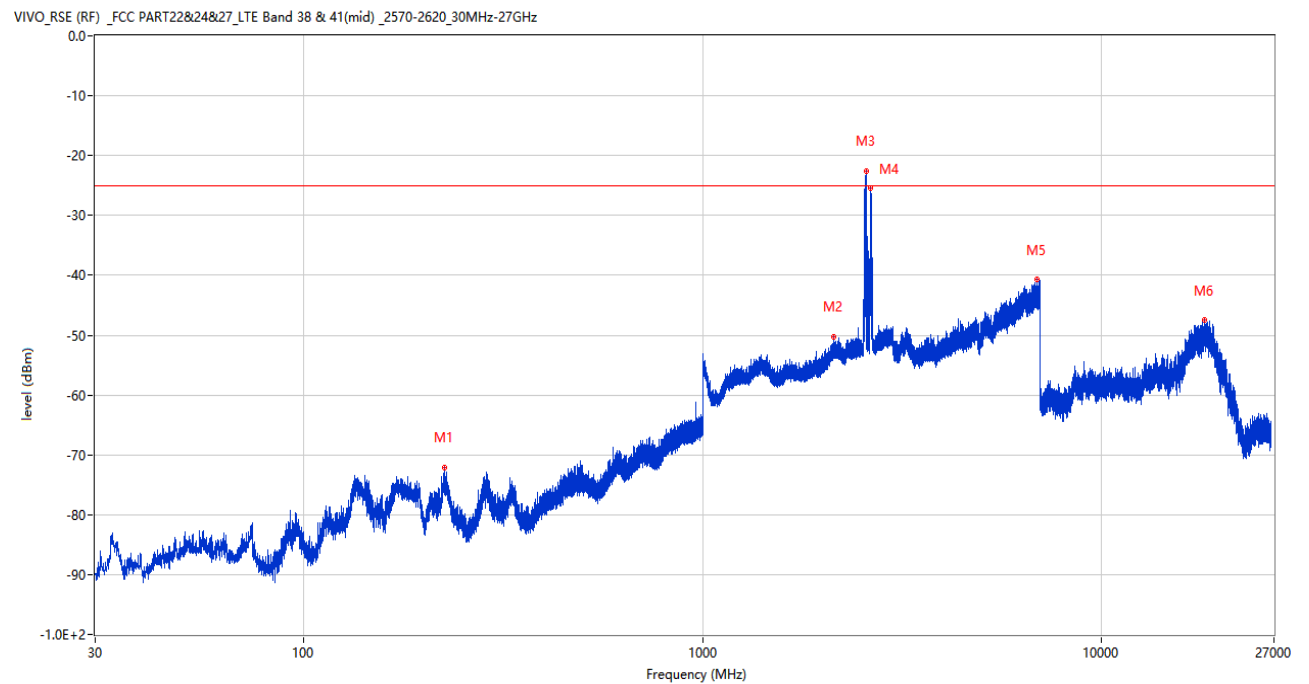
RSE-V&V PCC 39750 BW20 16QAM RB1 HIGH SCC 39948 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.22	-15.21	-25.0	-47.22	326.00	Vertical	Vertical	Pass
1433.200	-53.02	-1.95	-25.0	-28.02	114.00	Vertical	Vertical	Pass
2488.000	-32.41	3.08	-25.0	-7.41	5.00	Vertical	Vertical	N/A
2578.300	-36.18	4.04	-25.0	-11.18	280.00	Vertical	Vertical	N/A
6990.800	-40.64	13.88	-25.0	-15.64	224.00	Vertical	Vertical	Pass
18618.374	-46.94	9.48	-25.0	-21.94	360.00	Vertical	Vertical	Pass

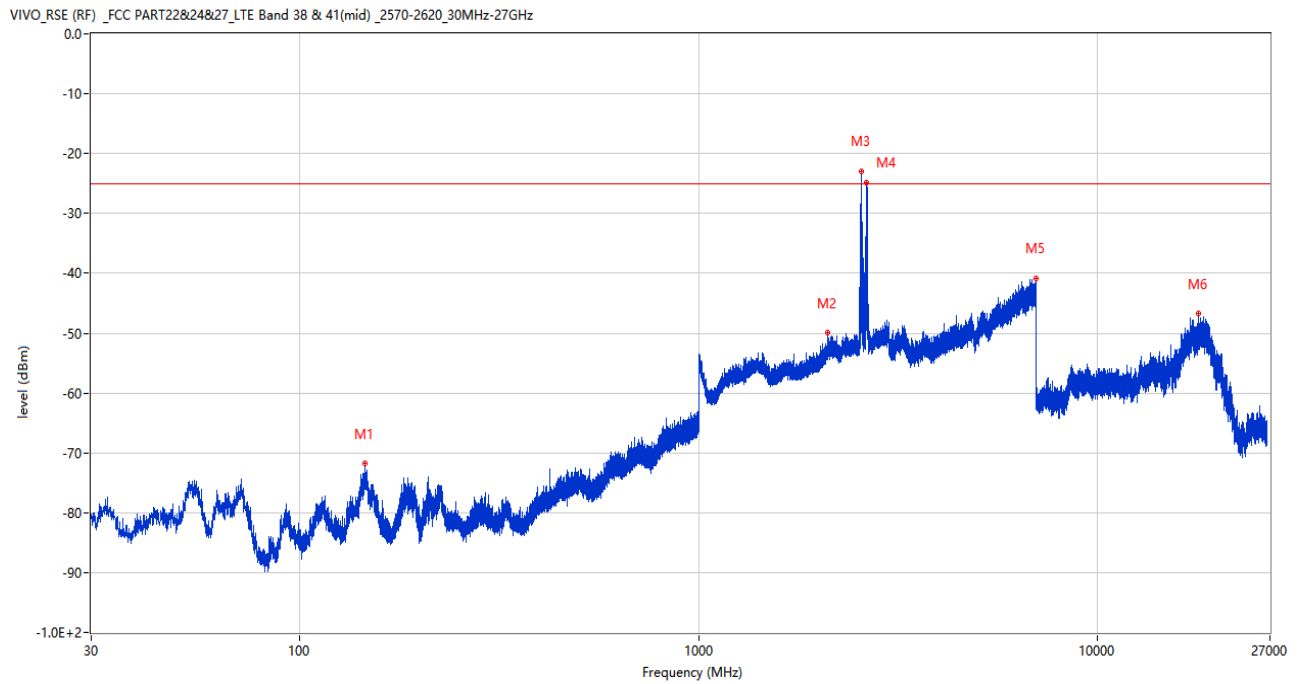
17.9 CA_41C 20MHz+20MHz, QPSK, Middle Channel

RSE-H&H PCC 40521 BW20 QPSK RB1 HIGH SCC 40719 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
225.794	-72.07	-13.75	-25.0	-47.07	41.00	Horizontal	Horizontal	Pass
2129.600	-50.21	0.94	-25.0	-25.21	282.00	Horizontal	Horizontal	Pass
2563.500	-22.59	6.00	-25.0	2.41	236.00	Horizontal	Horizontal	N/A
2633.300	-25.43	3.63	-25.0	-0.43	236.00	Horizontal	Horizontal	N/A
6895.000	-40.66	12.11	-25.0	-15.66	189.00	Horizontal	Horizontal	Pass
18110.925	-47.50	10.48	-25.0	-22.50	263.00	Horizontal	Horizontal	Pass

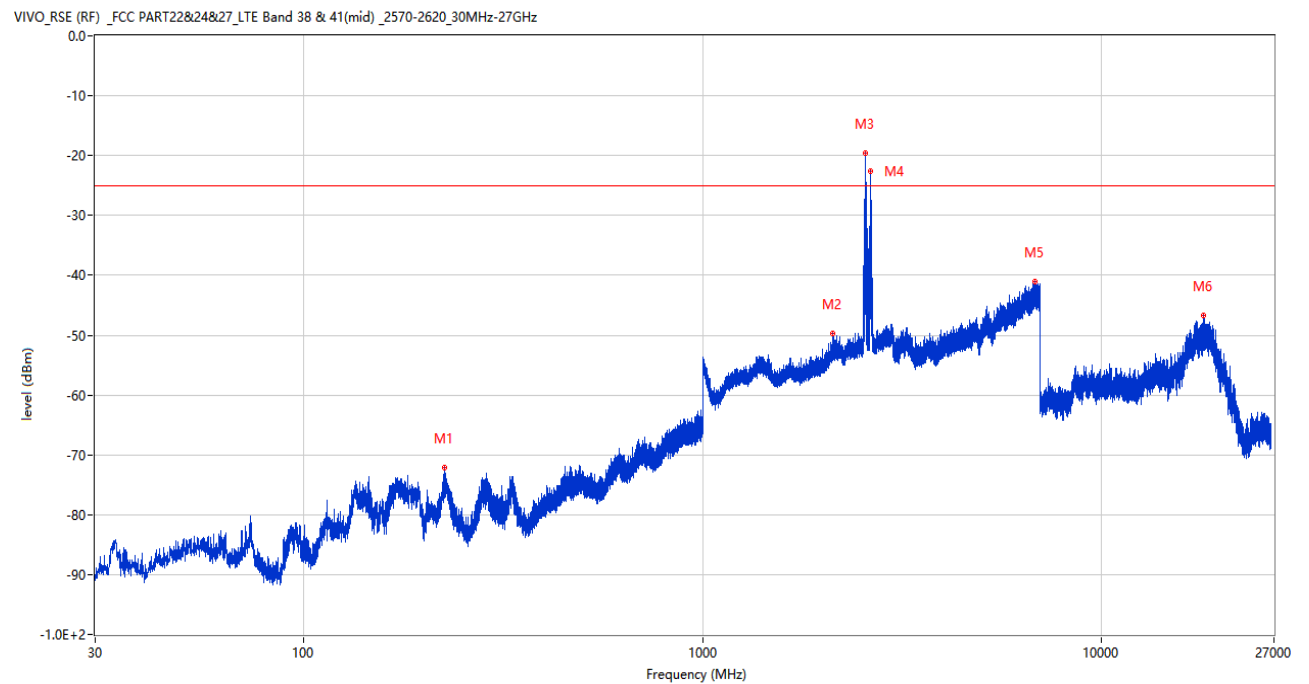
RSE-V&V PCC 40521 BW20 QPSK RB1 HIGH SCC 40719 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-71.84	-15.20	-25.0	-46.84	319.00	Vertical	Vertical	Pass
2099.300	-49.93	0.52	-25.0	-24.93	67.00	Vertical	Vertical	Pass
2562.000	-22.91	5.18	-25.0	2.09	259.00	Vertical	Vertical	N/A
2633.200	-24.81	3.65	-25.0	0.19	251.00	Vertical	Vertical	N/A
6999.800	-40.89	13.91	-25.0	-15.89	57.00	Vertical	Vertical	Pass
17856.676	-46.61	10.46	-25.0	-21.61	176.00	Vertical	Vertical	Pass

17.10 CA_41C 20MHz+20MHz, 16-QAM, Middle Channel

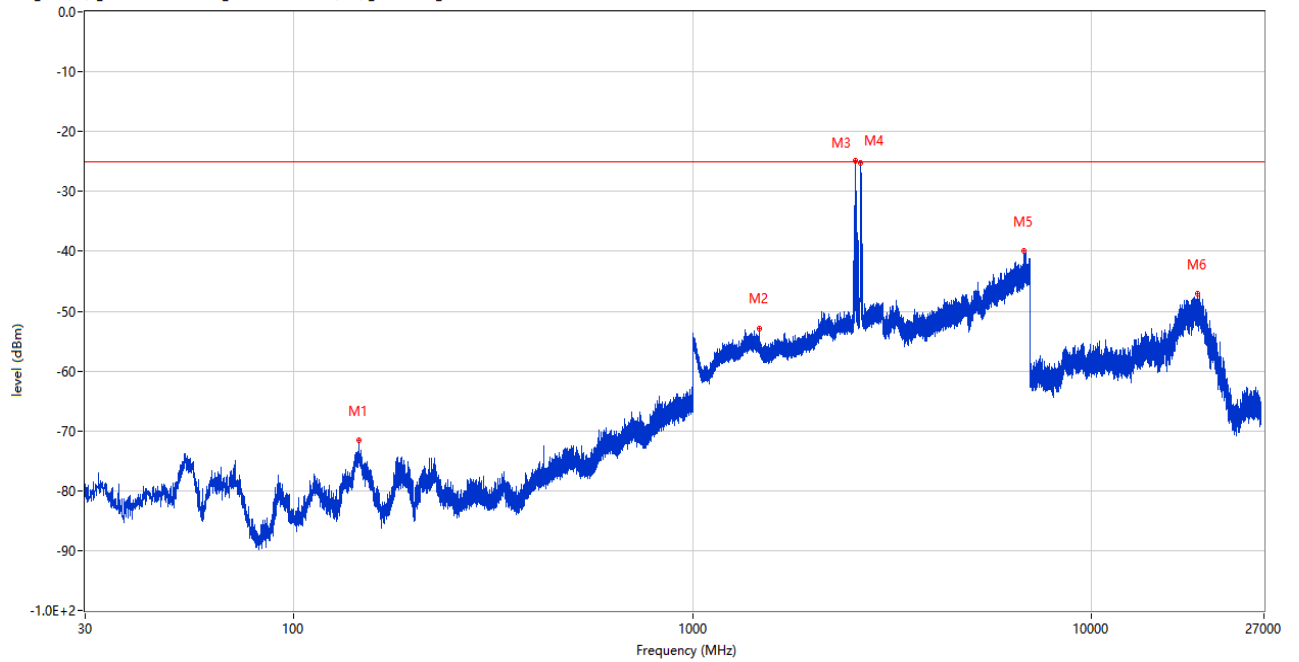
RSE-H&H PCC 40521 BW20 16QAM RB1 HIGH SCC 40719 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
225.212	-72.05	-13.79	-25.0	-47.05	41.00	Horizontal	Horizontal	Pass
2114.800	-49.67	0.97	-25.0	-24.67	25.00	Horizontal	Horizontal	Pass
2554.300	-19.67	3.14	-25.0	5.33	260.00	Horizontal	Horizontal	N/A
2629.000	-22.58	3.38	-25.0	2.42	241.00	Horizontal	Horizontal	N/A
6811.400	-41.03	13.17	-25.0	-16.03	64.00	Horizontal	Horizontal	Pass
17978.739	-46.79	10.64	-25.0	-21.79	15.00	Horizontal	Horizontal	Pass

RSE-V&V PCC 40521 BW20 16QAM RB1 HIGH SCC 40719 BW20 16QAM RB1 LOW

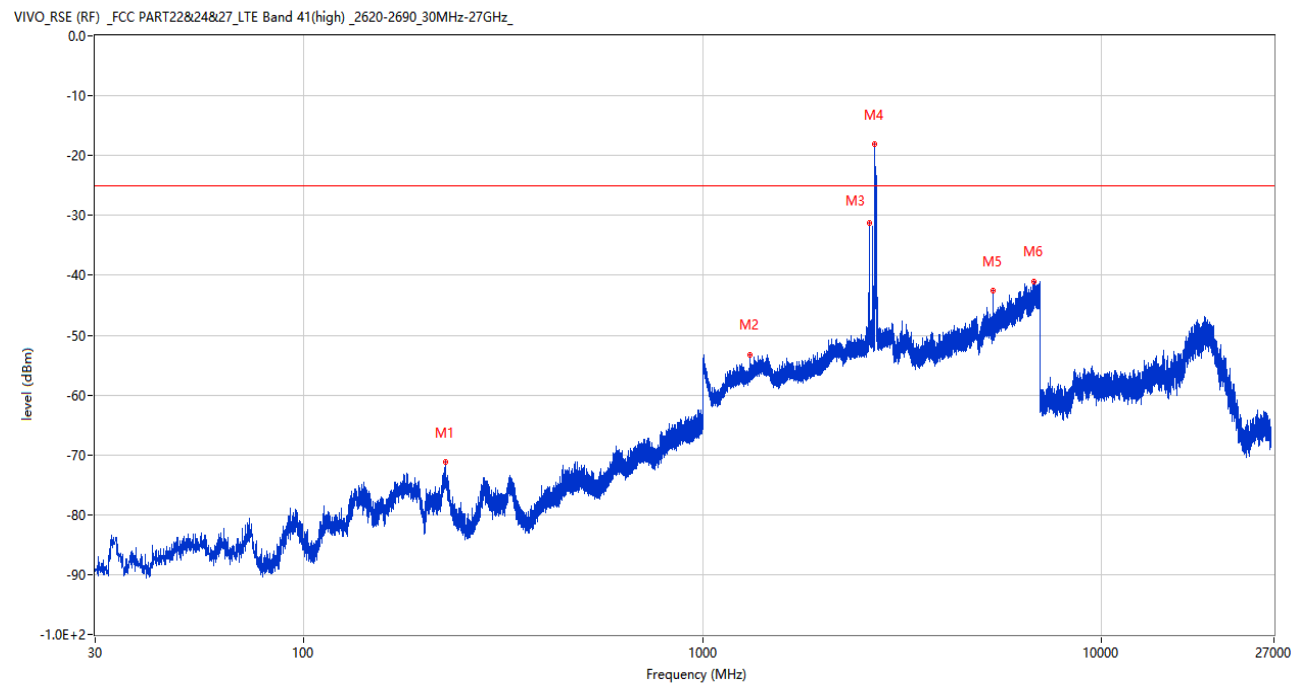
VIVO_RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-27GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.624	-71.55	-15.20	-25.0	-46.55	339.00	Vertical	Vertical	Pass
1466.200	-52.96	-2.65	-25.0	-27.96	110.00	Vertical	Vertical	Pass
2559.800	-24.85	3.67	-25.0	0.15	256.00	Vertical	Vertical	N/A
2626.300	-25.20	3.65	-25.0	-0.20	285.00	Vertical	Vertical	N/A
6738.000	-39.85	11.74	-25.0	-14.85	41.00	Vertical	Vertical	Pass
18367.199	-47.00	9.97	-25.0	-22.00	331.00	Vertical	Vertical	Pass

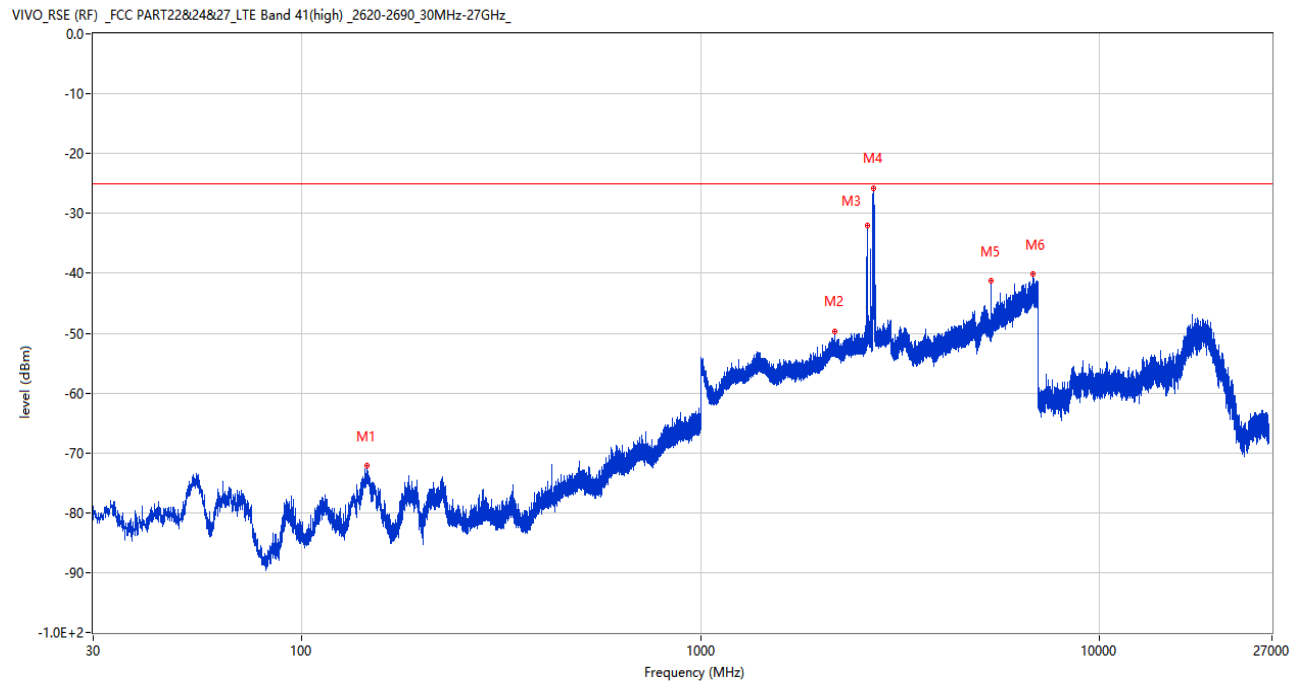
17.11 CA_41C 20MHz+20MHz, QPSK, High Channel

RSE-H&H PCC 41292 BW20 QPSK RB1 HIGH SCC 41490 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit(dB)	Table (o)	ANT	EUT	Verdict
226.037	-71.27	-13.73	-25.0	-46.27	48.00	Horizontal	Horizontal	Pass
1308.900	-53.32	-3.31	-25.0	-28.32	353.00	Horizontal	Horizontal	Pass
2610.100	-31.19	3.50	-25.0	-6.19	271.00	Horizontal	Horizontal	N/A
2699.000	-18.10	4.66	-25.0	6.90	229.00	Horizontal	Horizontal	N/A
5338.400	-42.63	6.89	-25.0	-17.63	195.00	Horizontal	Horizontal	Pass
6773.600	-41.11	12.80	-25.0	-16.11	258.00	Horizontal	Horizontal	Pass

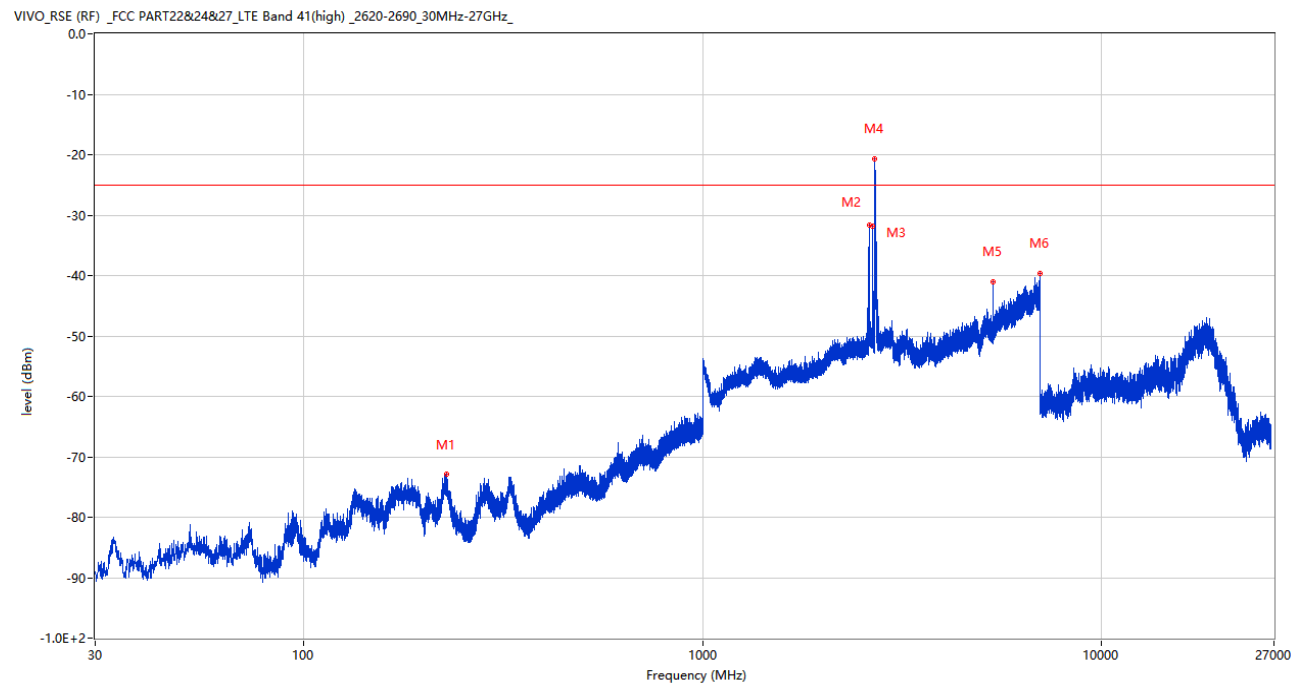
RSE-V&V PCC 41292 BW20 QPSK RB1 HIGH SCC 41490 BW20 QPSK RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
145.576	-72.20	-15.20	-25.0	-47.20	327.00	Vertical	Vertical	Pass
2166.100	-49.73	0.68	-25.0	-24.73	49.00	Vertical	Vertical	Pass
2616.000	-31.96	5.50	-25.0	-6.96	262.00	Vertical	Vertical	N/A
2704.400	-25.83	3.92	-25.0	-0.83	70.00	Vertical	Vertical	N/A
5338.400	-41.29	6.89	-25.0	-16.29	261.00	Vertical	Vertical	Pass
6816.800	-40.16	13.12	-25.0	-15.16	17.00	Vertical	Vertical	Pass

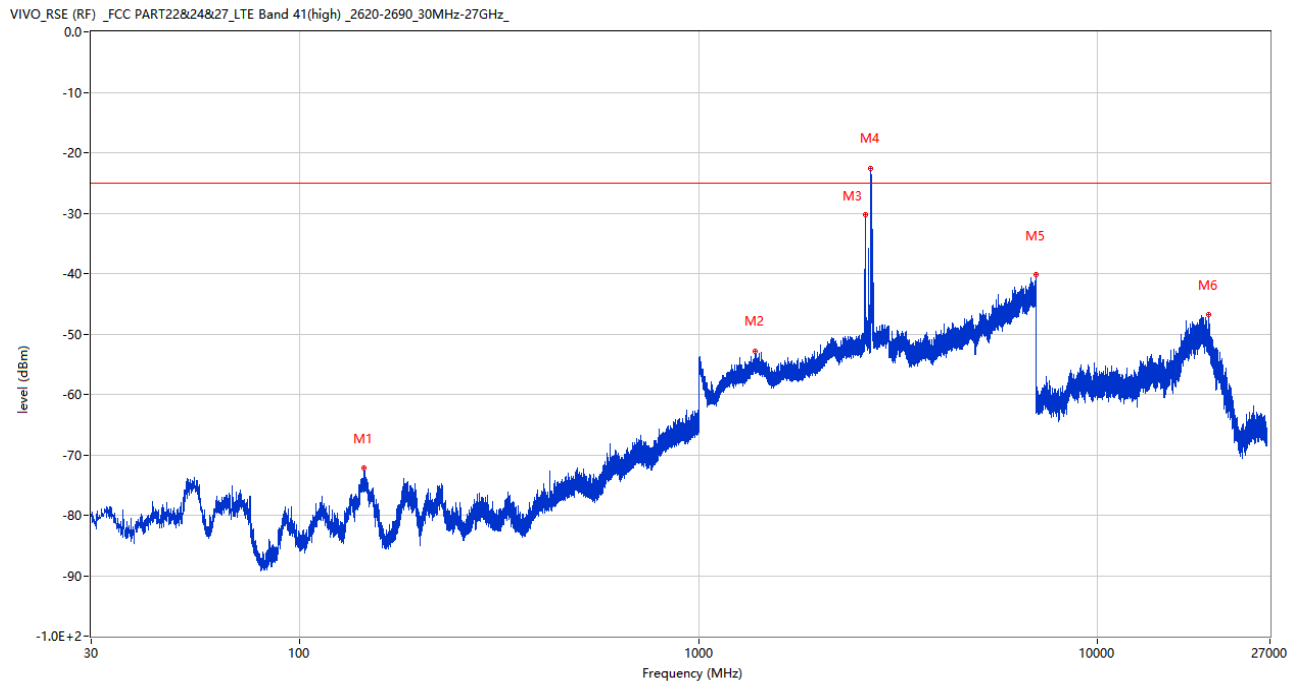
17.12 CA_41C 20MHz+20MHz, 16-QAM, High Channel

RSE-H&H PCC 41292 BW20 16QAM RB1 HIGH SCC 41490 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit(dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
227.734	-72.87	-13.63	-25.0	-47.87	61.00	Horizontal	Horizontal	Pass
2611.200	-31.67	3.77	-25.0	-6.67	247.00	Horizontal	Horizontal	Pass
2669.300	-31.84	5.12	-25.0	-6.84	257.00	Horizontal	Horizontal	N/A
2701.600	-20.77	4.16	-25.0	4.23	183.00	Horizontal	Horizontal	N/A
5338.600	-40.97	6.87	-25.0	-15.97	245.00	Horizontal	Horizontal	Pass
6995.400	-39.59	13.80	-25.0	-14.59	18.00	Horizontal	Horizontal	Pass

RSE-H&V PCC 41292 BW20 16QAM RB1 HIGH SCC 41490 BW20 16QAM RB1 LOW



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
144.751	-72.23	-15.17	-25.0	-47.23	337.00	Vertical	Vertical	Pass
1381.400	-52.90	-1.89	-25.0	-27.90	65.00	Vertical	Vertical	Pass
2613.800	-30.27	5.39	-25.0	-5.27	220.00	Vertical	Vertical	N/A
2699.100	-22.65	4.63	-25.0	2.35	10.00	Vertical	Vertical	N/A
6996.800	-40.14	13.89	-25.0	-15.14	354.00	Vertical	Vertical	Pass
18945.200	-46.77	8.83	-25.0	-21.77	285.00	Vertical	Vertical	Pass