

Field Strength of Spurious Radiation

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict
GSM 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 4	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	Pass
	HCH	Pass

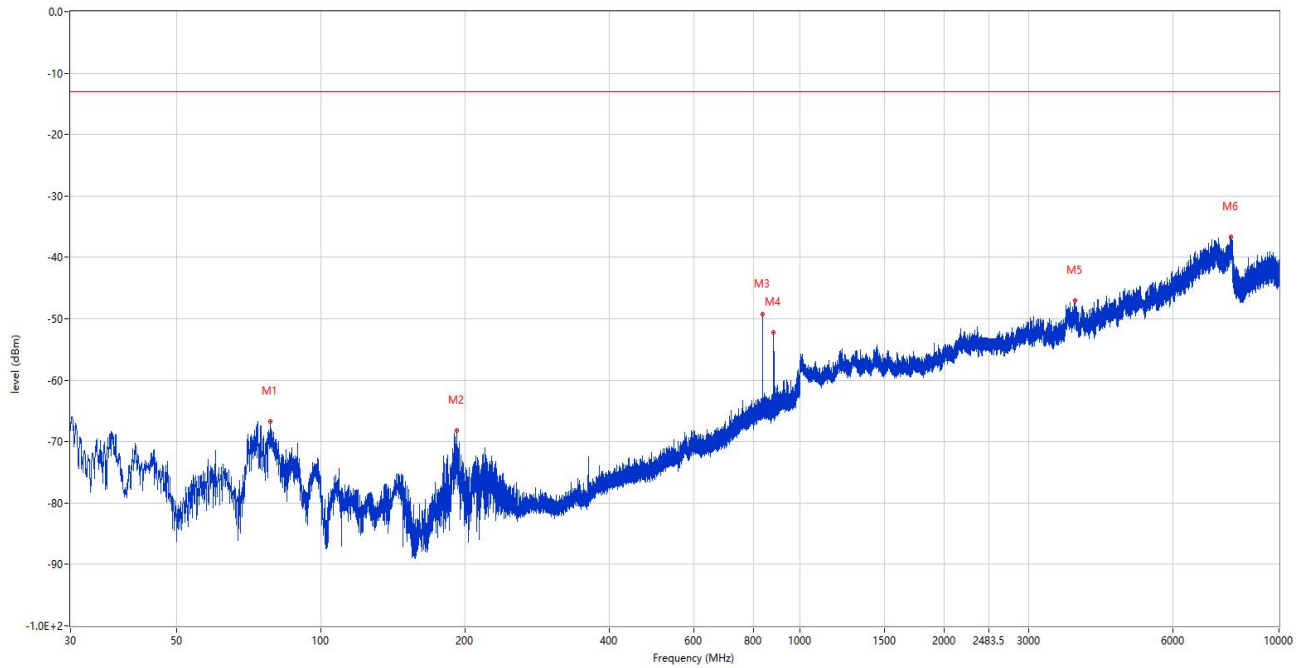
LTE Mode Test Verdict

Test Band	UL Channel	Bandwidth(MHz)	UL RB Number	UL RB Position	UL Modulation	Verdict
Band 2	19125	15	1	74	QPSK	Pass
Band 4	20175	20	1	99	QPSK	Pass
Band 5	20525	10	1	24	QPSK	Pass
Band 7	21100	10	1	24	QPSK	Pass
Band 12	23130	10	1	49	QPSK	Pass
Band 13	23230	10	1	24	QPSK	Pass
Band 17	23800	10	1	49	QPSK	Pass
Band 26 (Part22)	26915	10	1	24	QPSK	Pass
Band 26 (Part90)	26740	10	1	24	QPSK	Pass
Band 38	38150	20	1	49	QPSK	Pass
Band 41 Full	41490	20	1	49	QPSK	Pass
Band 66	132597	15	1	74	QPSK	Pass

Original Test Data

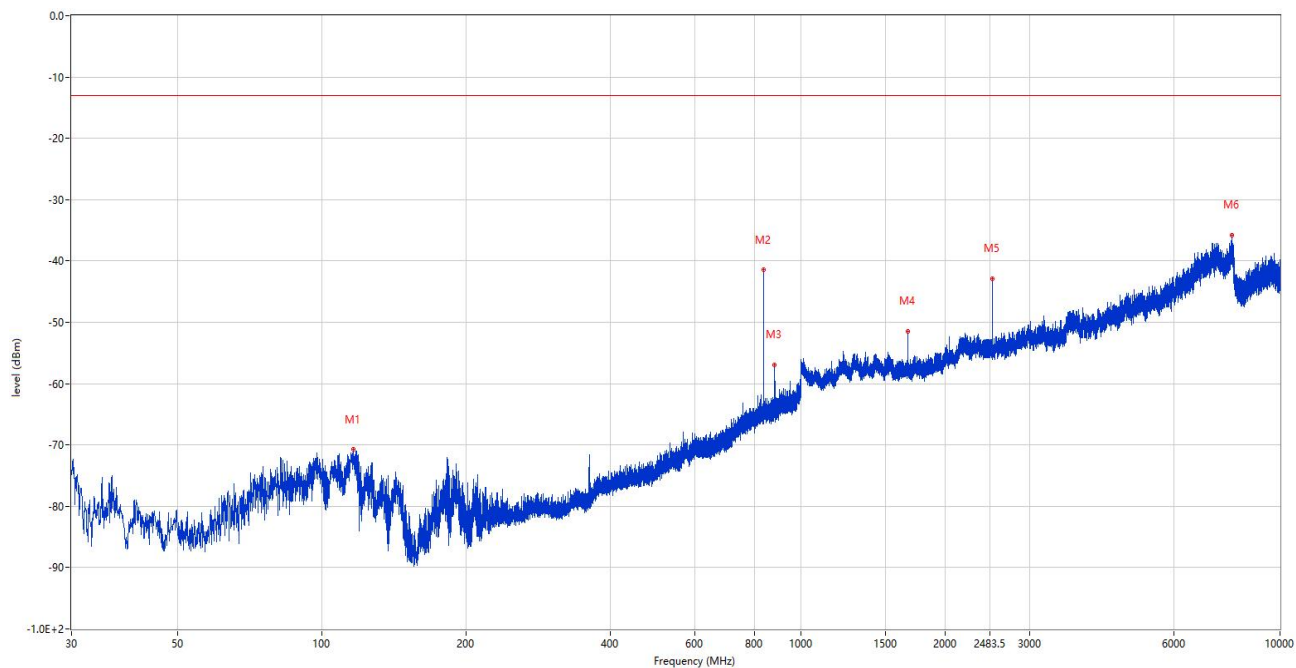
1 GSM

1.1 GSM850



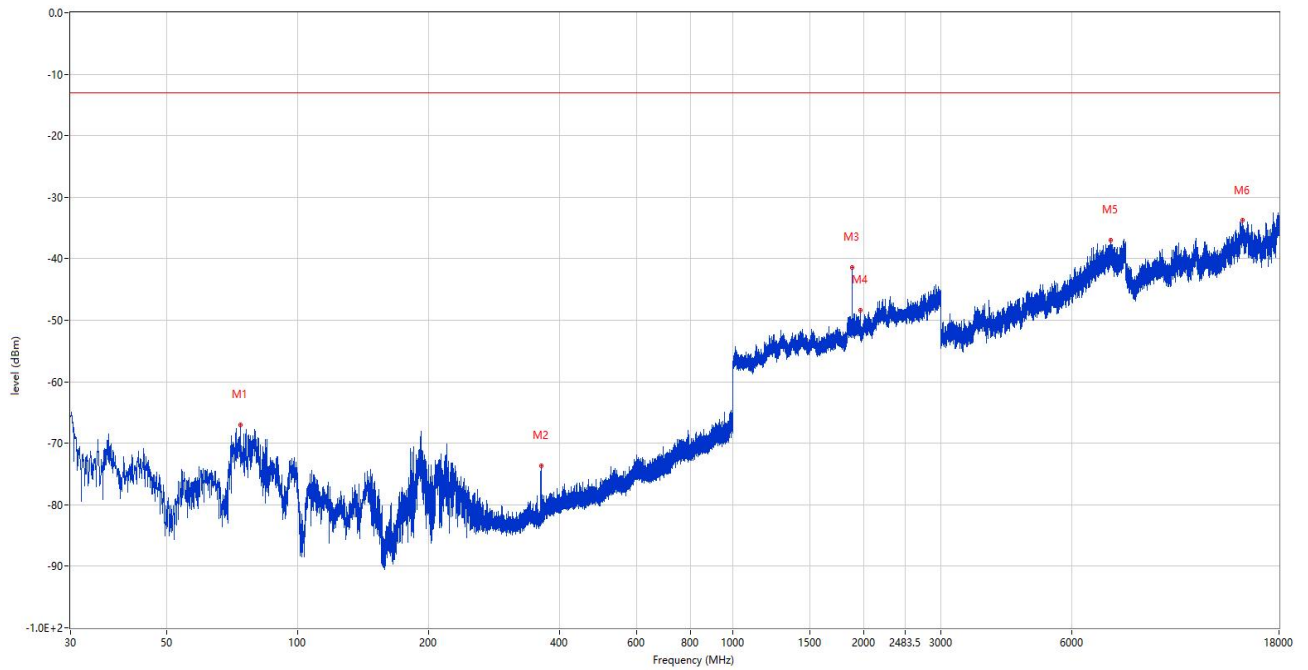
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
78.403	-66.68	-18.36	-13.0	53.68	79.00	Vertical	Horizontal	Pass
192.087	-68.15	-15.08	-13.0	55.15	40.00	Vertical	Horizontal	Pass
836.652	-49.26	5.71	-13.0	36.26	354.00	Vertical	Horizontal	N/A
881.563	-52.22	5.76	-13.0	39.22	285.00	Vertical	Horizontal	N/A
3759.250	-47.07	8.79	-13.0	34.07	7.00	Vertical	Horizontal	Pass
7921.000	-36.64	19.25	-13.0	23.64	11.00	Vertical	Horizontal	Pass

Band:GSM850



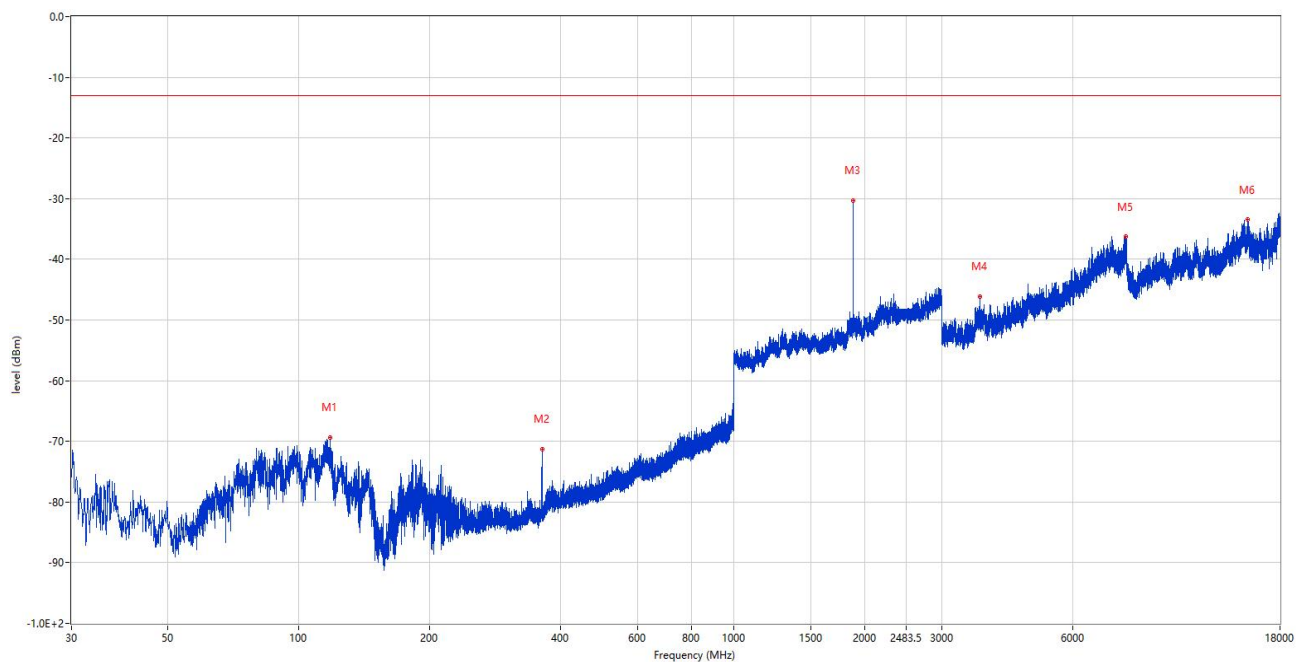
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
116.185	-70.75	-18.83	-13.0	57.75	168.00	Horizontal	Horizontal	Pass
836.604	-41.49	5.71	-13.0	28.49	360.00	Horizontal	Horizontal	N/A
881.660	-56.98	5.76	-13.0	43.98	360.00	Horizontal	Horizontal	N/A
1673.200	-51.42	-3.68	-13.0	38.42	139.00	Horizontal	Horizontal	Pass
2509.500	-42.97	0.50	-13.0	29.97	106.00	Horizontal	Horizontal	Pass
7942.750	-35.81	19.45	-13.0	22.81	91.00	Horizontal	Horizontal	Pass

1.2 GSM1900



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.844	-67.01	-19.31	-13.0	54.01	97.00	Vertical	Horizontal	Pass
362.516	-73.68	-11.92	-13.0	60.68	244.00	Vertical	Horizontal	Pass
1879.900	-41.37	3.41	-13.0	28.37	106.00	Vertical	Horizontal	N/A
1959.900	-48.34	2.92	-13.0	35.34	236.00	Vertical	Horizontal	N/A
7401.750	-36.92	18.96	-13.0	23.92	323.00	Vertical	Horizontal	Pass
14832.000	-33.78	24.12	-13.0	20.78	139.00	Vertical	Horizontal	Pass

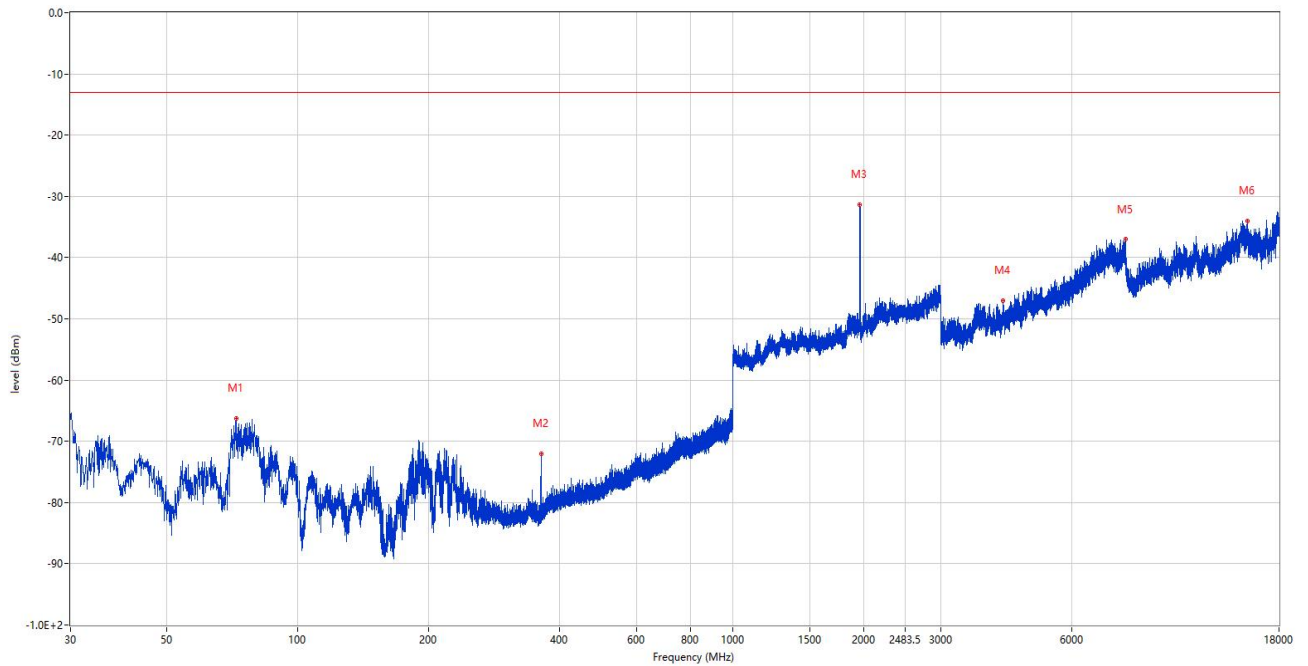
Band:GSM1900



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
117.785	-69.36	-20.83	-13.0	56.36	174.00	Horizontal	Horizontal	Pass
362.565	-71.30	-11.91	-13.0	58.30	247.00	Horizontal	Horizontal	Pass
1879.900	-30.32	3.41	-13.0	17.32	135.00	Horizontal	Horizontal	N/A
3677.750	-46.18	8.25	-13.0	33.18	193.00	Horizontal	Horizontal	Pass
7969.500	-36.22	19.79	-13.0	23.22	110.00	Horizontal	Horizontal	Pass
15146.500	-33.50	22.65	-13.0	20.50	157.00	Horizontal	Horizontal	Pass

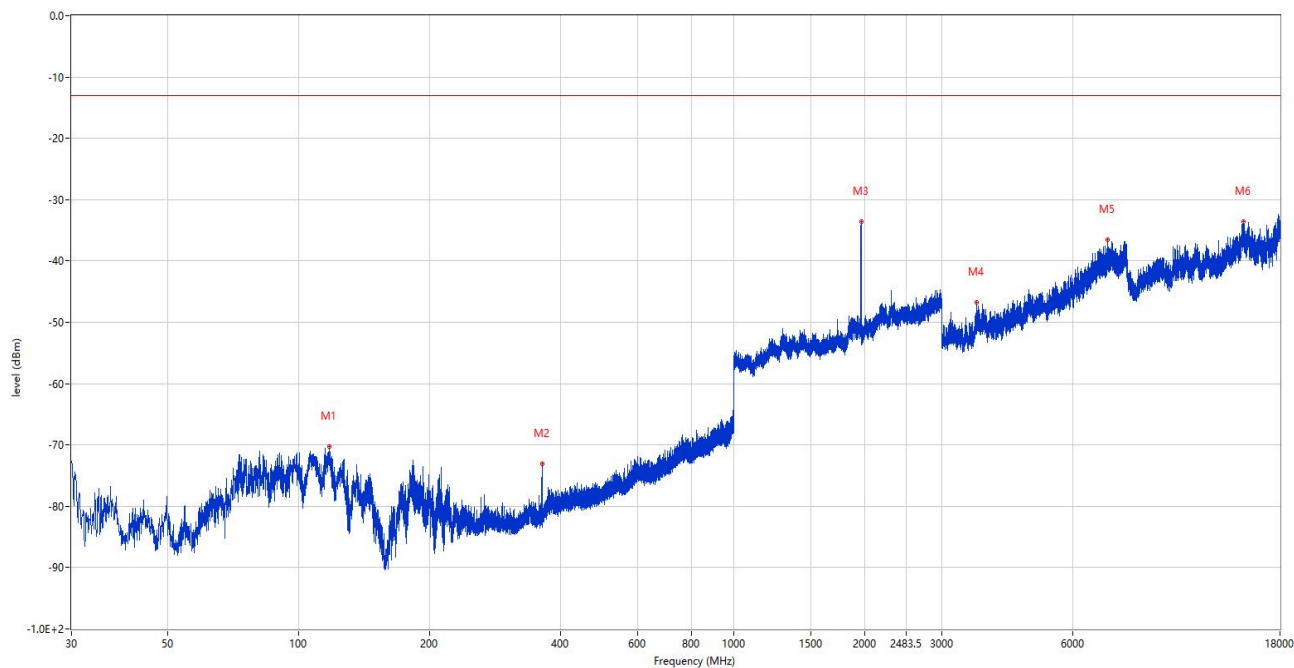
2 WCDMA

2.1 WCDMA B2



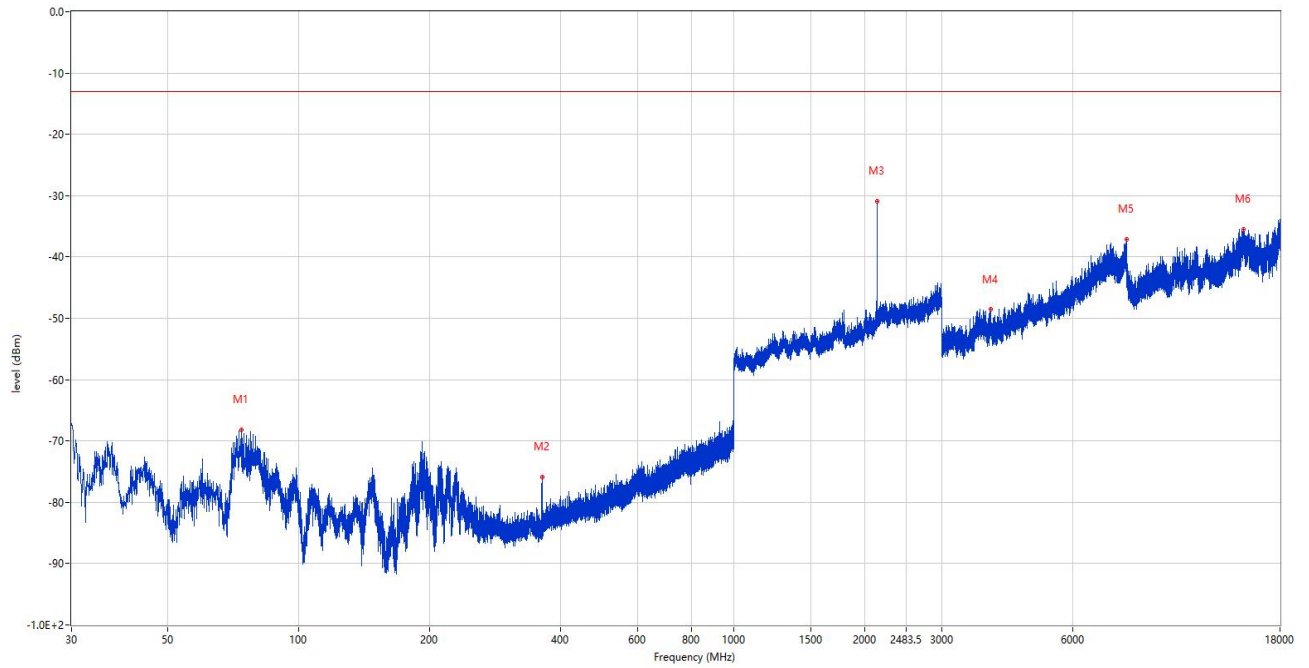
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.001	-66.27	-19.00	-13.0	53.27	73.00	Vertical	Horizontal	Pass
362.516	-72.07	-11.92	-13.0	59.07	259.00	Vertical	Horizontal	Pass
1958.600	-31.33	2.88	-13.0	18.33	322.00	Vertical	Horizontal	N/A
4180.250	-46.97	8.76	-13.0	33.97	127.00	Vertical	Horizontal	Pass
7992.750	-37.04	19.99	-13.0	24.04	92.00	Vertical	Horizontal	Pass
15263.000	-34.04	22.65	-13.0	21.04	331.00	Vertical	Horizontal	Pass

Band:WCDMA B2



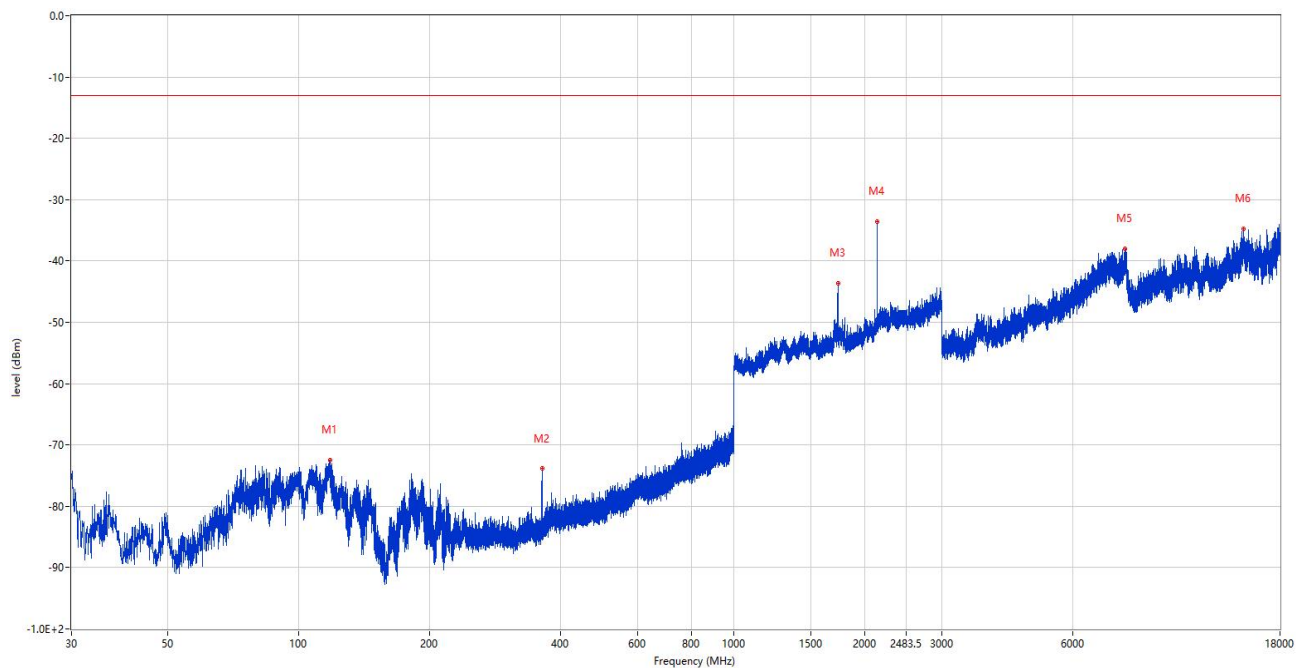
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
117.252	-70.29	-20.69	-13.0	57.29	174.00	Horizontal	Horizontal	Pass
362.516	-73.05	-11.92	-13.0	60.05	296.00	Horizontal	Horizontal	Pass
1959.300	-33.54	2.90	-13.0	20.54	306.00	Horizontal	Horizontal	N/A
3617.750	-46.74	7.78	-13.0	33.74	317.00	Horizontal	Horizontal	Pass
7233.750	-36.53	18.32	-13.0	23.53	22.00	Horizontal	Horizontal	Pass
14823.500	-33.58	24.43	-13.0	20.58	106.00	Horizontal	Horizontal	Pass

2.2 WCDMA B4



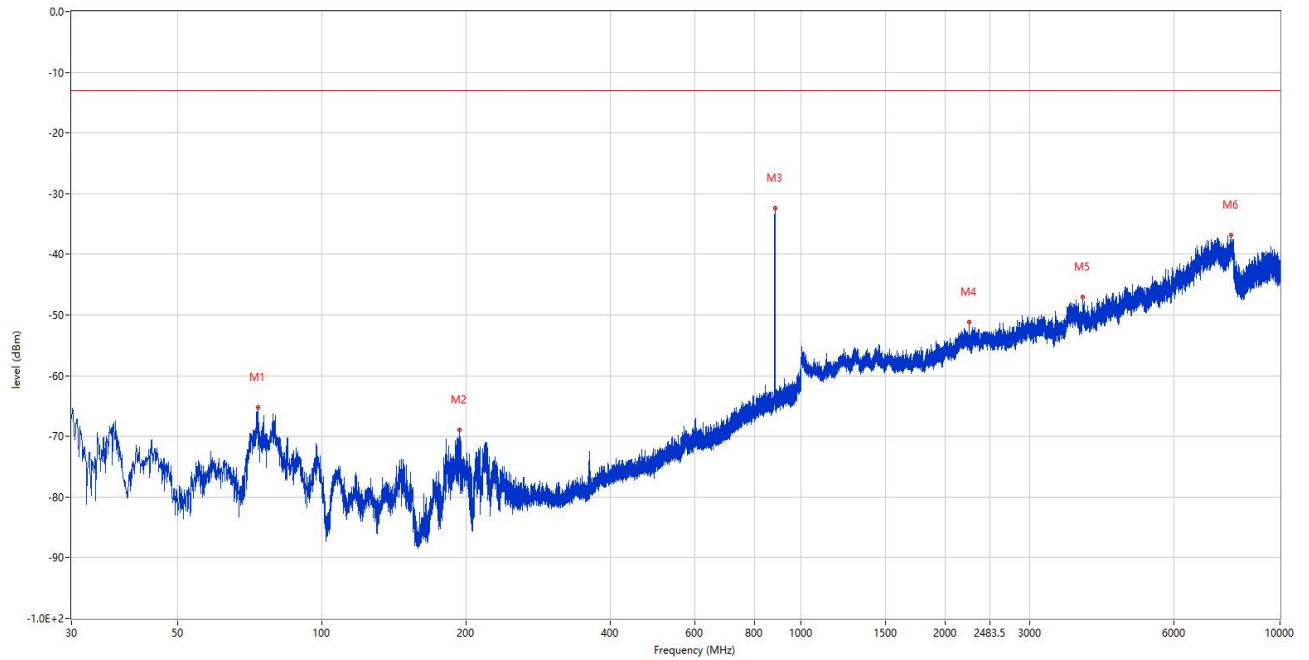
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.844	-68.14	-19.31	-13.0	55.14	81.00	Vertical	Horizontal	Pass
362.565	-75.89	-11.91	-13.0	62.89	220.00	Vertical	Horizontal	Pass
2131.500	-30.86	3.95	-13.0	17.86	123.00	Vertical	Horizontal	N/A
3892.000	-48.52	8.32	-13.0	35.52	278.00	Vertical	Horizontal	Pass
7999.750	-37.10	20.20	-13.0	24.10	94.00	Vertical	Horizontal	Pass
14812.724	-35.52	24.47	-13.0	22.52	74.00	Vertical	Horizontal	Pass

Band:WCDMA B4



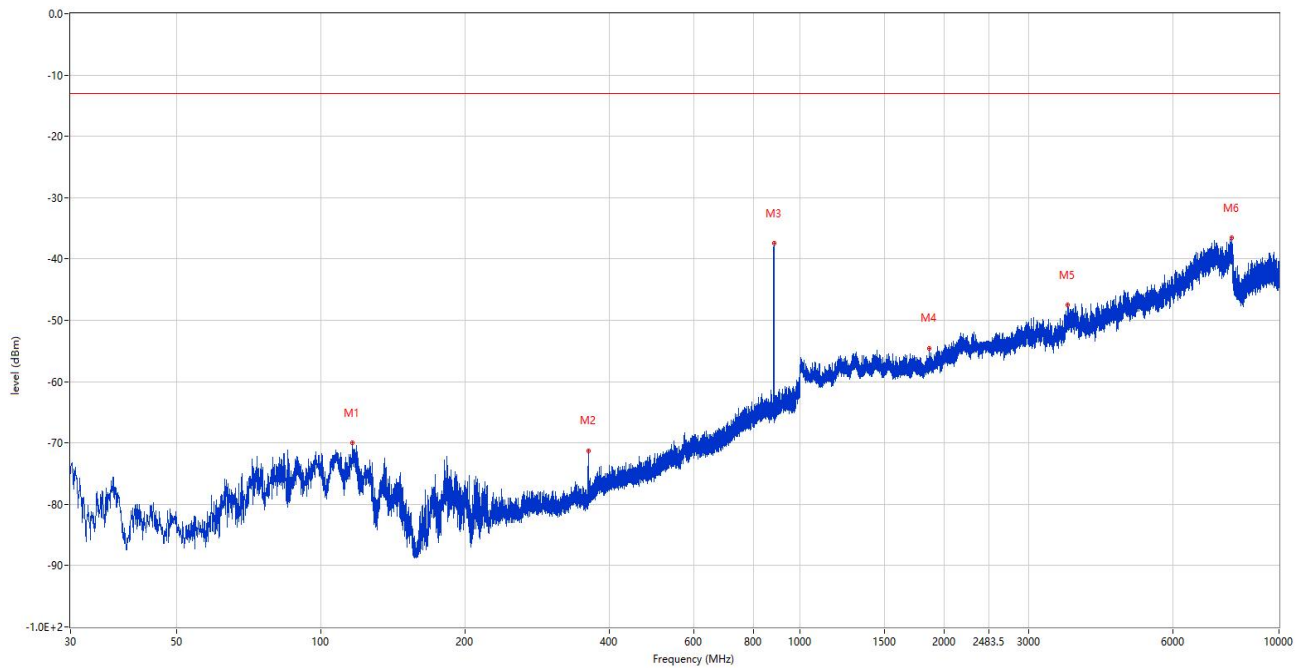
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
117.834	-72.53	-20.84	-13.0	59.53	173.00	Horizontal	Horizontal	Pass
362.516	-73.89	-11.92	-13.0	60.89	268.00	Horizontal	Horizontal	Pass
1732.900	-43.61	2.78	-13.0	30.61	291.00	Horizontal	Horizontal	N/A
2131.200	-33.58	3.93	-13.0	20.58	276.00	Horizontal	Horizontal	N/A
7912.750	-38.00	19.33	-13.0	25.00	352.00	Horizontal	Horizontal	Pass
14868.638	-34.76	23.63	-13.0	21.76	148.00	Horizontal	Horizontal	Pass

2.3 WCDMA B5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.602	-65.22	-18.09	-13.0	52.22	57.00	Vertical	Horizontal	Pass
193.930	-68.86	-14.78	-13.0	55.86	51.00	Vertical	Horizontal	Pass
882.193	-32.40	5.74	-13.0	19.40	308.00	Vertical	Horizontal	N/A
2240.800	-51.24	0.20	-13.0	38.24	262.00	Vertical	Horizontal	Pass
3879.250	-47.06	8.90	-13.0	34.06	158.00	Vertical	Horizontal	Pass
7901.000	-36.80	19.18	-13.0	23.80	219.00	Vertical	Horizontal	Pass

Band:WCDMA B5

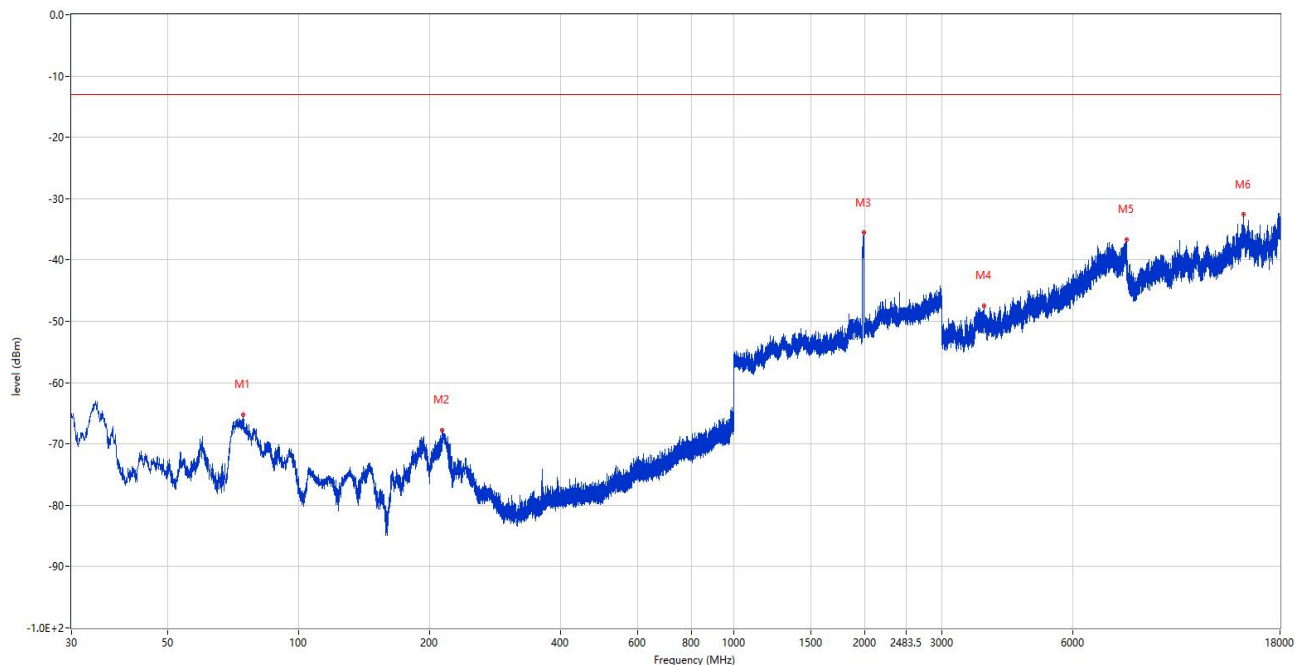


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
116.233	-70.04	-18.84	-13.0	57.04	161.00	Horizontal	Horizontal	Pass
362.565	-71.33	-8.82	-13.0	58.33	226.00	Horizontal	Horizontal	Pass
882.727	-37.47	5.74	-13.0	24.47	359.00	Horizontal	Horizontal	N/A
1860.300	-54.65	-3.30	-13.0	41.65	233.00	Horizontal	Horizontal	Pass
3620.500	-47.56	7.85	-13.0	34.56	197.00	Horizontal	Horizontal	Pass
7954.000	-36.58	19.75	-13.0	23.58	172.00	Horizontal	Horizontal	Pass

3 LTE

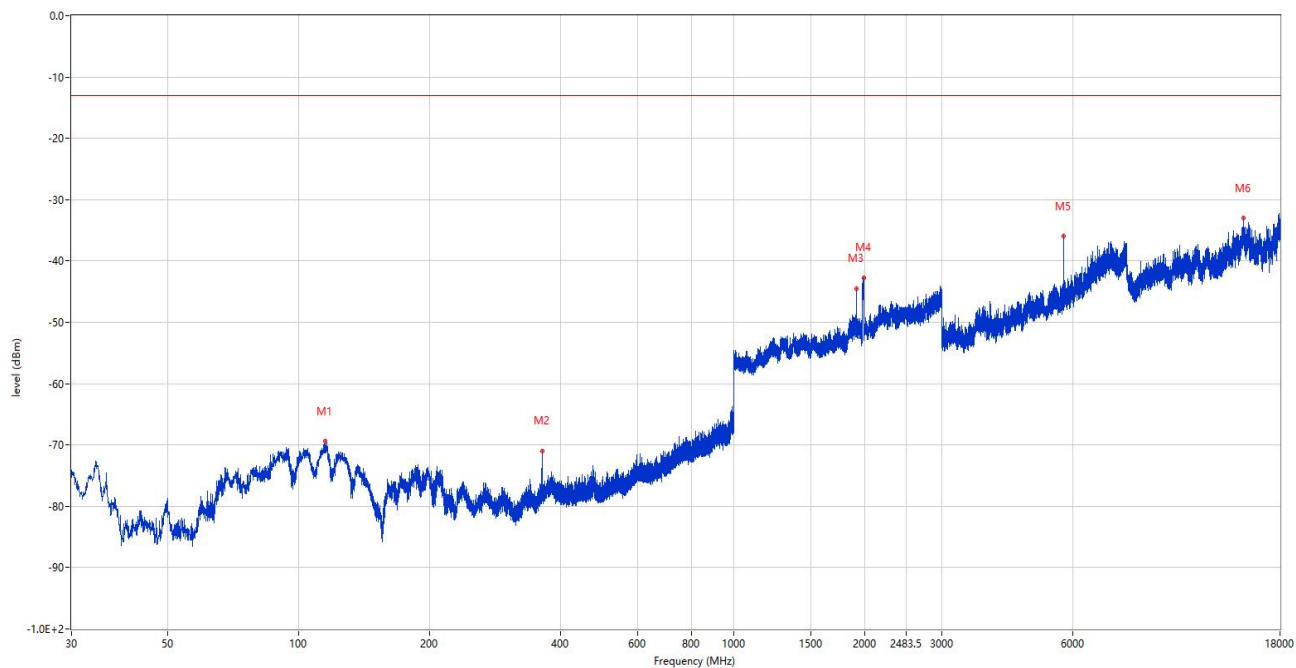
3.1 LTE Band 2

Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
74.426	-65.25	-19.36	-13.0	52.25	56.00	Vertical	Horizontal	Pass
213.427	-67.77	-17.06	-13.0	54.77	1.00	Vertical	Horizontal	Pass
1985.500	-35.57	2.13	-13.0	22.57	78.00	Vertical	Horizontal	N/A
3751.250	-47.53	8.70	-13.0	34.53	323.00	Vertical	Horizontal	Pass
7989.500	-36.68	19.90	-13.0	23.68	259.00	Vertical	Horizontal	Pass
14816.000	-32.61	24.51	-13.0	19.61	330.00	Vertical	Horizontal	Pass

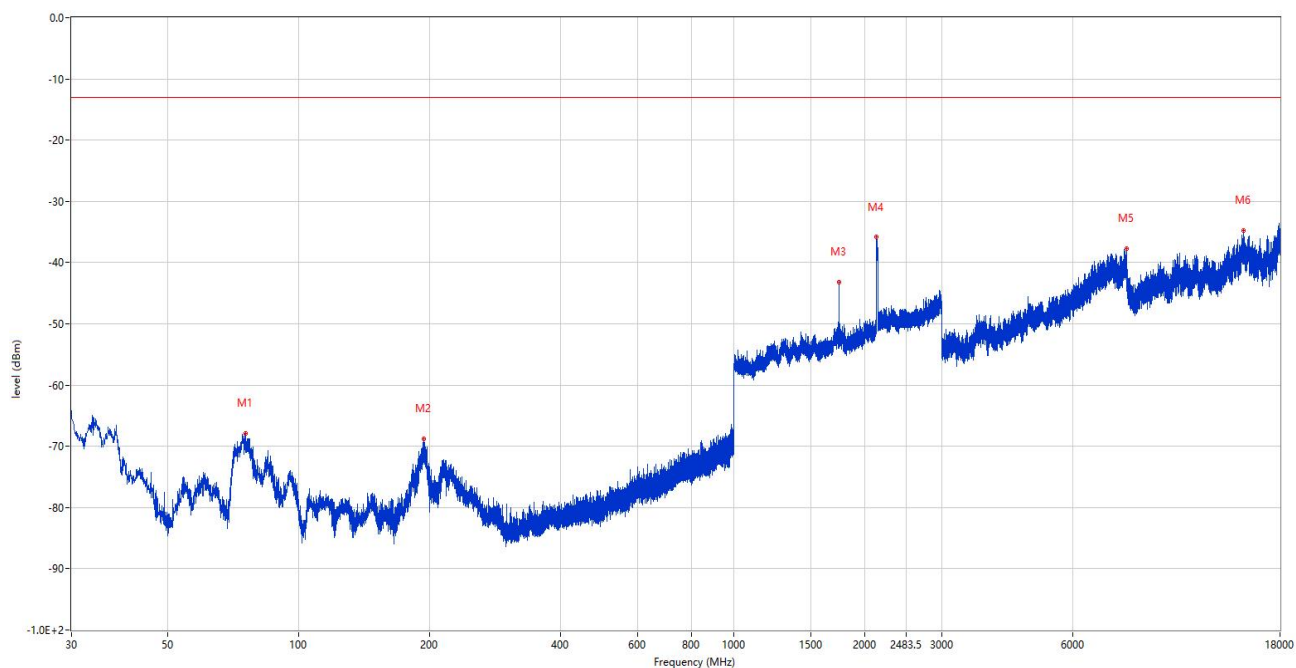
Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
115.069	-69.45	-20.12	-13.0	56.45	166.00	Horizontal	Horizontal	Pass
362.516	-70.94	-11.92	-13.0	57.94	246.00	Horizontal	Horizontal	Pass
1909.200	-44.54	3.52	-13.0	31.54	122.00	Horizontal	Horizontal	N/A
1985.500	-42.69	2.13	-13.0	29.69	299.00	Horizontal	Horizontal	N/A
5727.250	-36.00	11.56	-13.0	23.00	101.00	Horizontal	Horizontal	Pass
14844.500	-32.94	23.67	-13.0	19.94	332.00	Horizontal	Horizontal	Pass

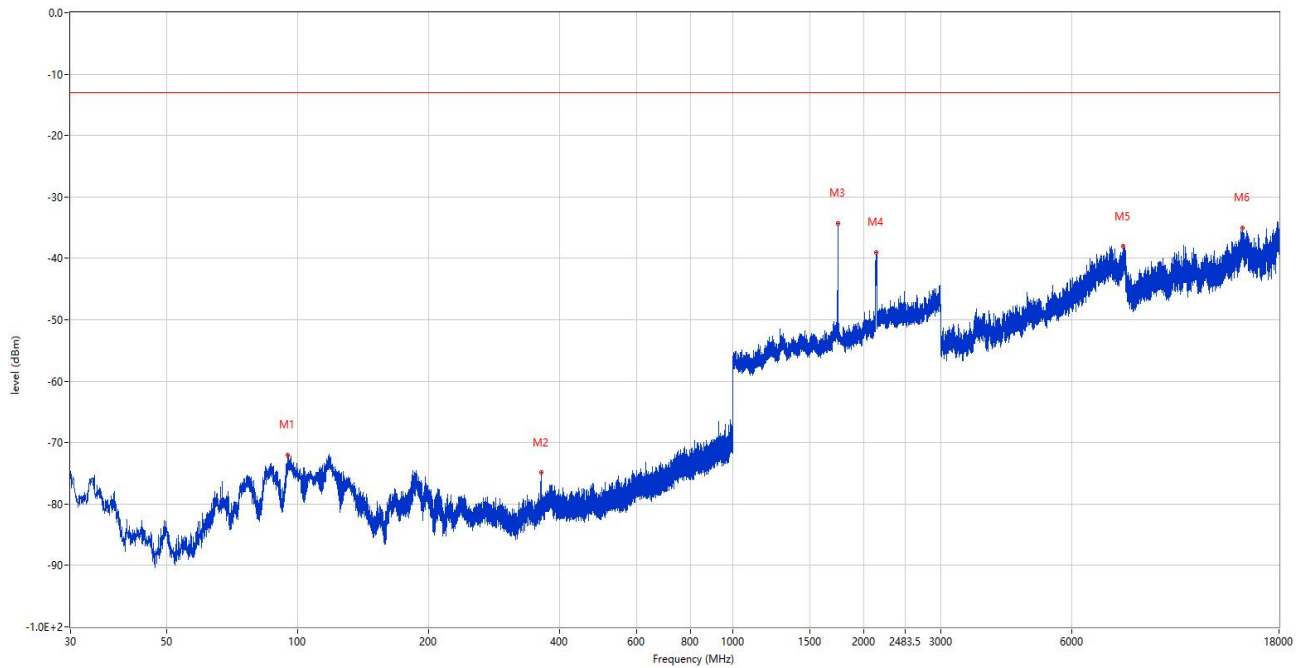
3.2 LTE Band 4

Band:LTE B4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
75.299	-67.88	-19.40	-13.0	54.88	77.00	Vertical	Horizontal	Pass
193.833	-68.75	-16.93	-13.0	55.75	50.00	Vertical	Horizontal	Pass
1741.300	-43.12	2.69	-13.0	30.12	116.00	Vertical	Horizontal	N/A
2127.400	-35.86	3.92	-13.0	22.86	330.00	Vertical	Horizontal	N/A
7999.250	-37.77	20.18	-13.0	24.77	0.00	Vertical	Horizontal	Pass
14826.375	-34.78	24.32	-13.0	21.78	254.00	Vertical	Horizontal	Pass

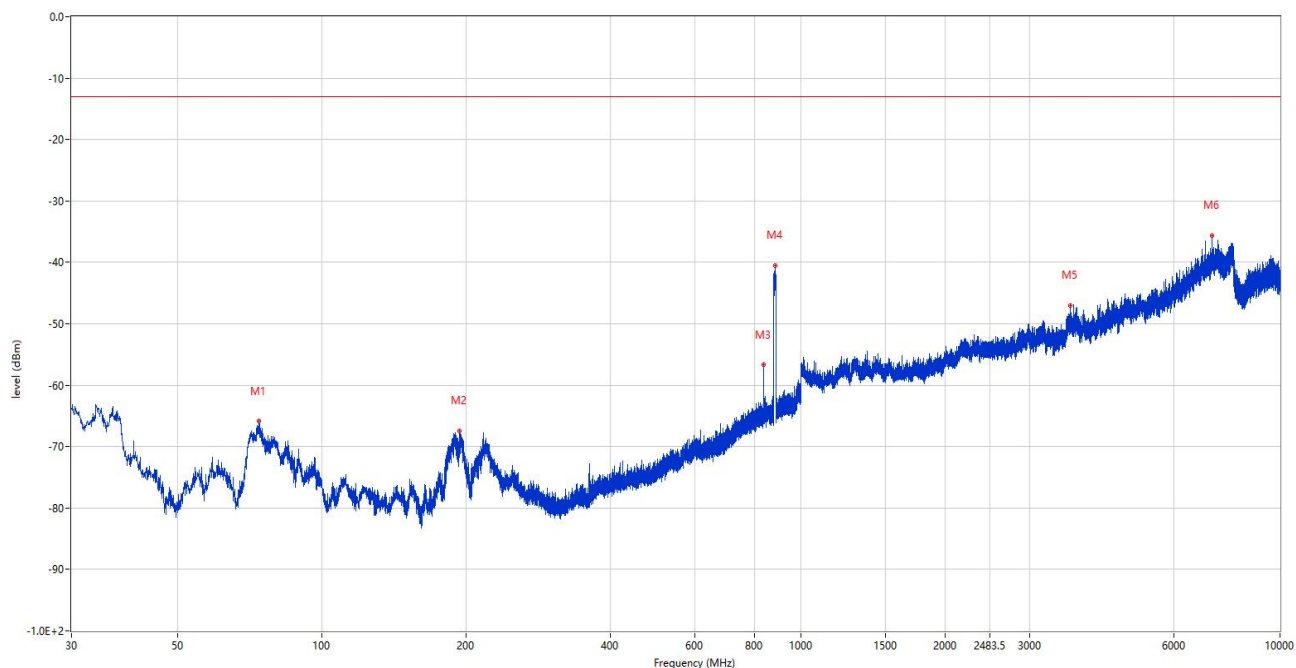
Band:LTE B4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.650	-72.01	-19.09	-13.0	59.01	1.00	Horizontal	Horizontal	Pass
362.516	-74.92	-11.92	-13.0	61.92	253.00	Horizontal	Horizontal	Pass
1741.400	-34.30	2.69	-13.0	21.30	111.00	Horizontal	Horizontal	N/A
2135.800	-39.04	4.14	-13.0	26.04	240.00	Horizontal	Horizontal	N/A
7895.250	-37.99	19.06	-13.0	24.99	348.00	Horizontal	Horizontal	Pass
14828.474	-35.05	24.25	-13.0	22.05	48.00	Horizontal	Horizontal	Pass

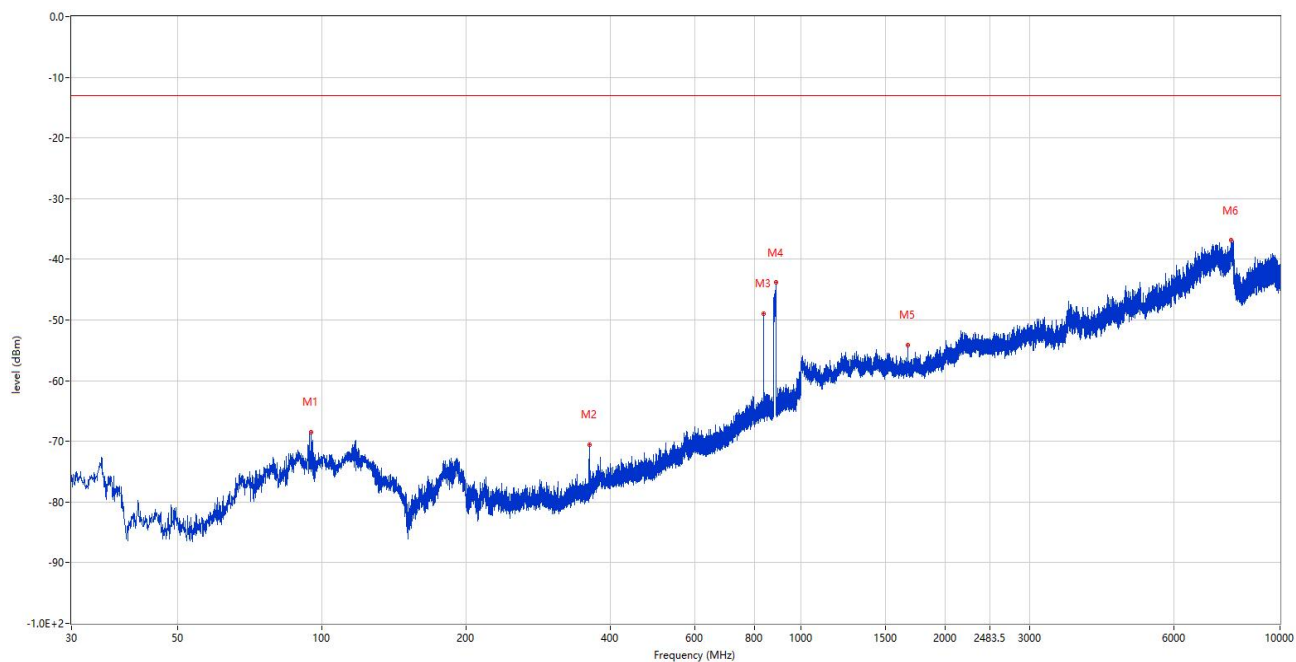
3.3 LTE Band 5

Band:LTE B5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.941	-65.90	-18.14	-13.0	52.90	106.00	Vertical	Horizontal	Pass
193.978	-67.43	-14.77	-13.0	54.43	47.00	Vertical	Horizontal	Pass
836.555	-56.64	5.71	-13.0	43.64	358.00	Vertical	Horizontal	N/A
885.055	-40.55	5.79	-13.0	27.55	290.00	Vertical	Horizontal	N/A
3649.250	-47.08	8.12	-13.0	34.08	260.00	Vertical	Horizontal	Pass
7216.500	-35.69	18.37	-13.0	22.69	101.00	Vertical	Horizontal	Pass

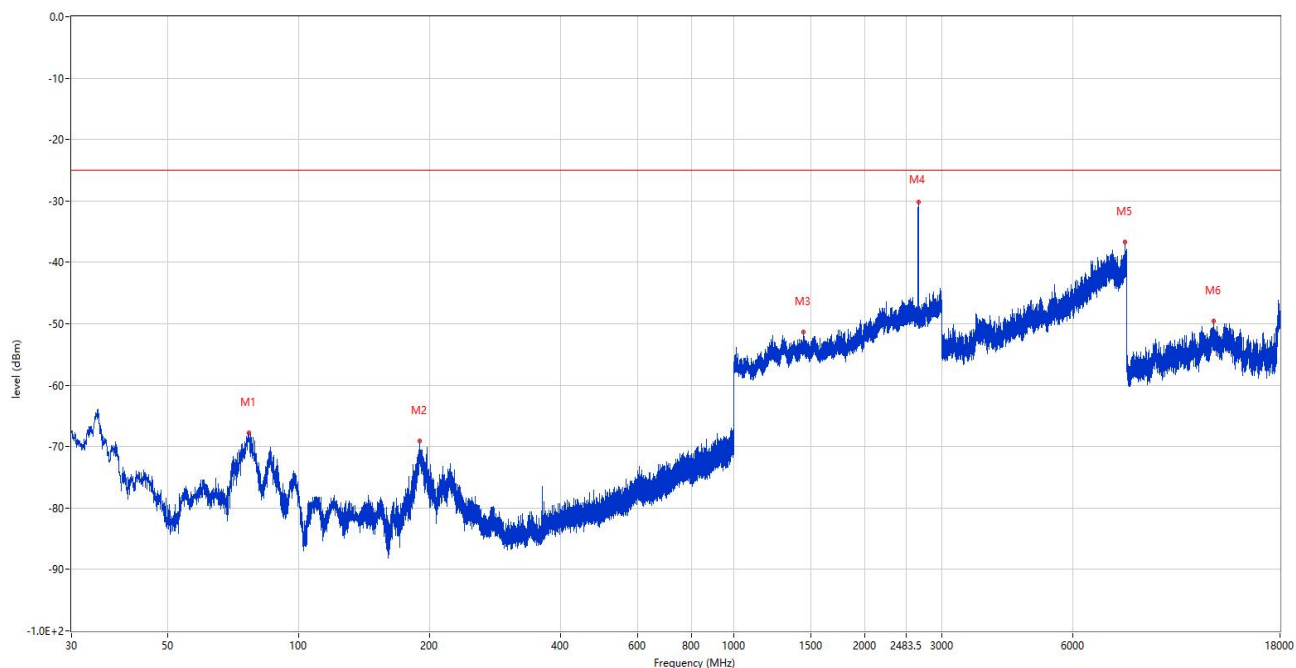
Band:LTE B5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.844	-68.49	-17.63	-13.0	55.49	5.00	Horizontal	Horizontal	Pass
362.565	-70.49	-8.82	-13.0	57.49	249.00	Horizontal	Horizontal	Pass
836.604	-48.89	5.71	-13.0	35.89	358.00	Horizontal	Horizontal	N/A
885.443	-43.86	5.81	-13.0	30.86	133.00	Horizontal	Horizontal	N/A
1672.700	-54.15	-3.67	-13.0	41.15	201.00	Horizontal	Horizontal	Pass
7899.000	-36.88	19.14	-13.0	23.88	110.00	Horizontal	Horizontal	Pass

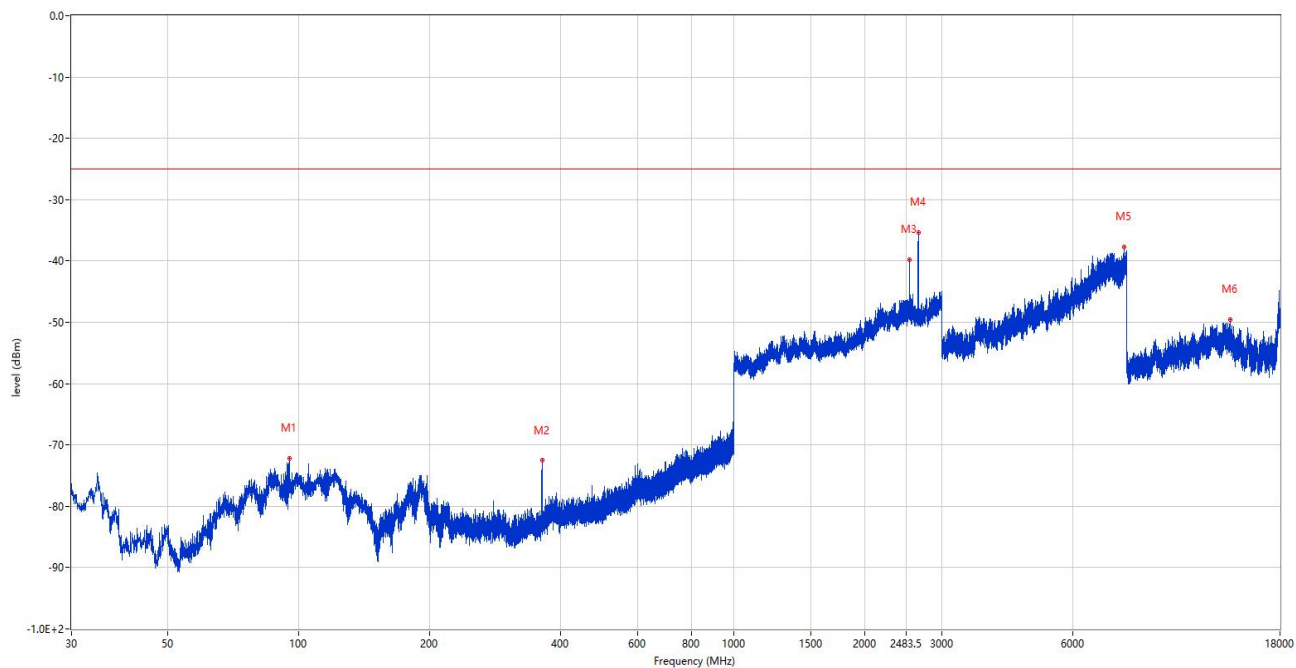
3.4 LTE Band 7

Band:LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
76.560	-67.72	-19.47	-25.0	42.72	50.00	Vertical	Horizontal	Pass
189.468	-69.08	-17.57	-25.0	44.08	46.00	Vertical	Horizontal	Pass
1447.400	-51.33	0.73	-25.0	26.33	89.00	Vertical	Horizontal	Pass
2656.600	-30.23	6.90	-25.0	5.23	69.00	Vertical	Horizontal	N/A
7913.250	-36.67	19.32	-25.0	11.67	268.00	Vertical	Horizontal	Pass
12678.500	-49.51	8.72	-25.0	24.51	14.00	Vertical	Horizontal	Pass

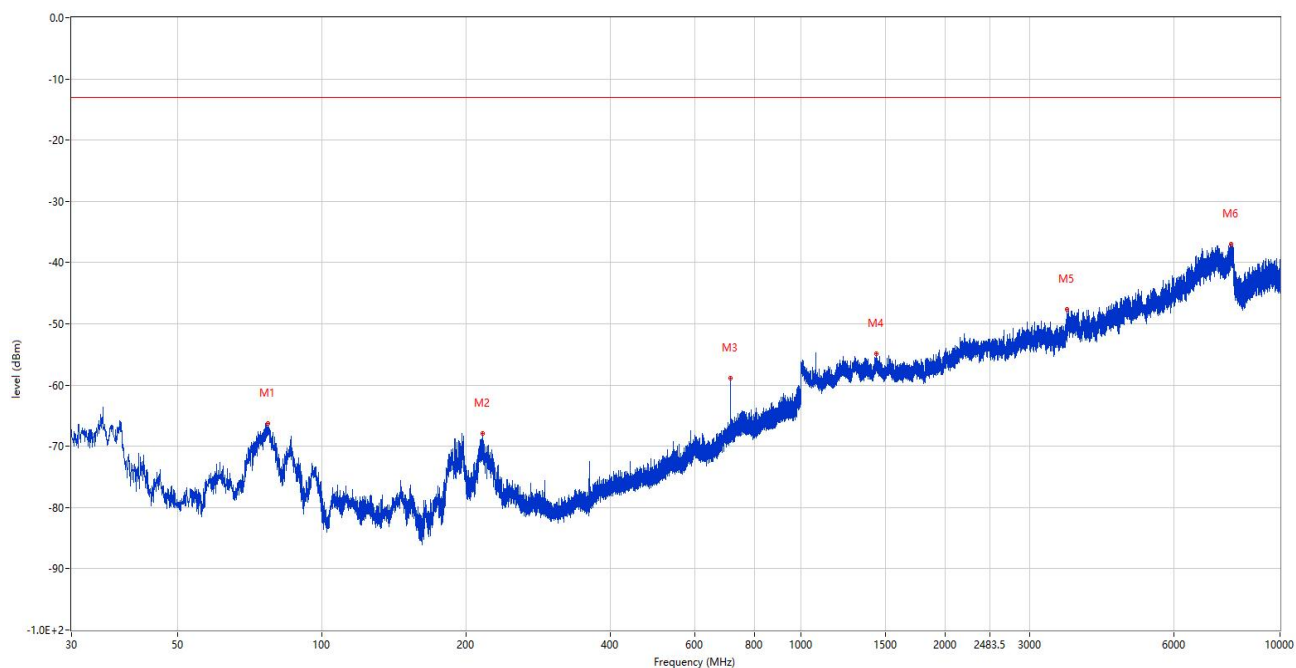
Band:LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.941	-72.16	-19.08	-25.0	47.16	6.00	Horizontal	Horizontal	Pass
362.565	-72.45	-11.91	-25.0	47.45	314.00	Horizontal	Horizontal	Pass
2535.000	-39.79	7.98	-25.0	14.79	202.00	Horizontal	Horizontal	N/A
2652.600	-35.33	7.12	-25.0	10.33	210.00	Horizontal	Horizontal	N/A
7885.250	-37.70	18.79	-25.0	12.70	139.00	Horizontal	Horizontal	Pass
13817.000	-49.55	10.21	-25.0	24.55	76.00	Horizontal	Horizontal	Pass

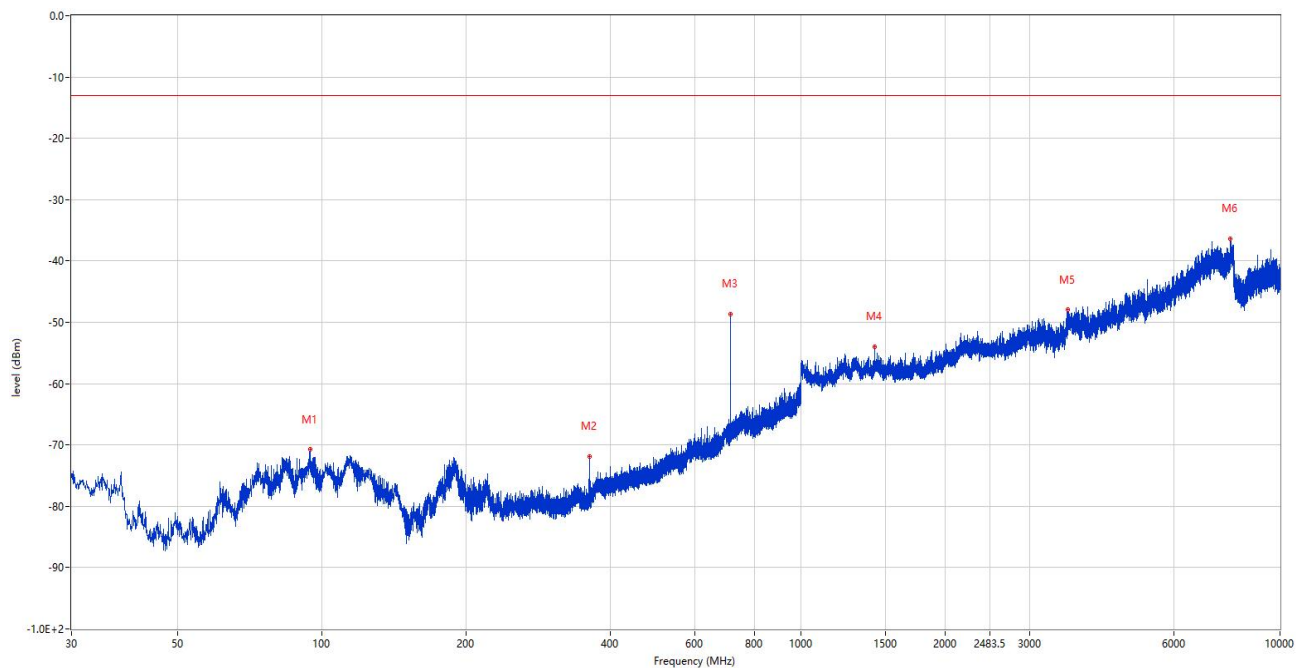
3.5 LTE Band 12

Band:LTE B12



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.239	-66.22	-18.43	-13.0	53.22	89.00	Vertical	Horizontal	Pass
216.580	-67.83	-14.66	-13.0	54.83	6.00	Vertical	Horizontal	Pass
711.959	-58.80	2.50	-13.0	45.80	152.00	Vertical	Horizontal	N/A
1436.900	-54.88	-2.68	-13.0	41.88	312.00	Vertical	Horizontal	Pass
3597.250	-47.66	7.30	-13.0	34.66	201.00	Vertical	Horizontal	Pass
7891.750	-37.01	18.98	-13.0	24.01	255.00	Vertical	Horizontal	Pass

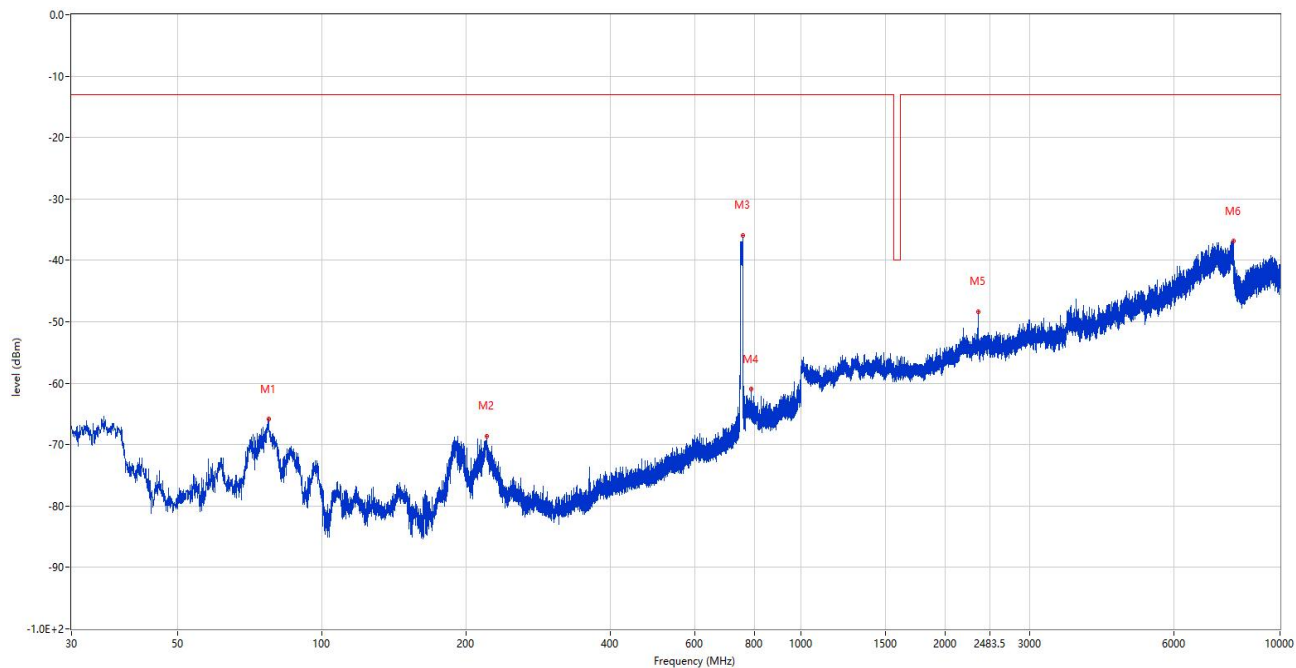
Band:LTE B12



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.505	-70.77	-17.83	-13.0	57.77	8.00	Horizontal	Horizontal	Pass
362.516	-71.82	-9.16	-13.0	58.82	261.00	Horizontal	Horizontal	Pass
711.959	-48.66	2.50	-13.0	35.66	360.00	Horizontal	Horizontal	N/A
1423.700	-54.07	-3.08	-13.0	41.07	174.00	Horizontal	Horizontal	Pass
3599.500	-47.88	7.46	-13.0	34.88	96.00	Horizontal	Horizontal	Pass
7887.000	-36.46	18.85	-13.0	23.46	260.00	Horizontal	Horizontal	Pass

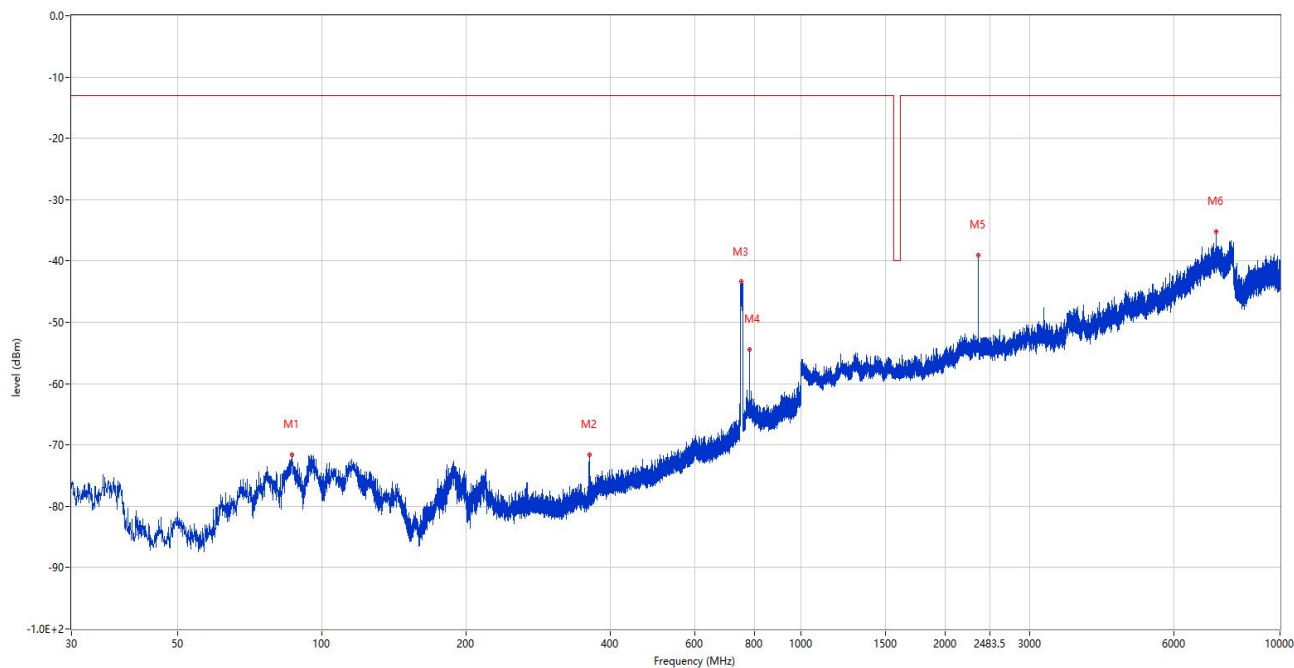
3.5 LTE Band 13

Band:LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
77.287	-65.89	-18.47	-13.0	52.89	38.00	Vertical	Horizontal	Pass
220.848	-68.60	-14.14	-13.0	55.60	2.00	Vertical	Horizontal	Pass
755.075	-35.91	3.42	-13.0	22.91	64.00	Vertical	Horizontal	N/A
787.812	-60.92	6.04	-13.0	47.92	138.00	Vertical	Horizontal	N/A
2346.100	-48.34	1.08	-13.0	35.34	144.00	Vertical	Horizontal	Pass
7996.000	-36.83	20.09	-13.0	23.83	238.00	Vertical	Horizontal	Pass

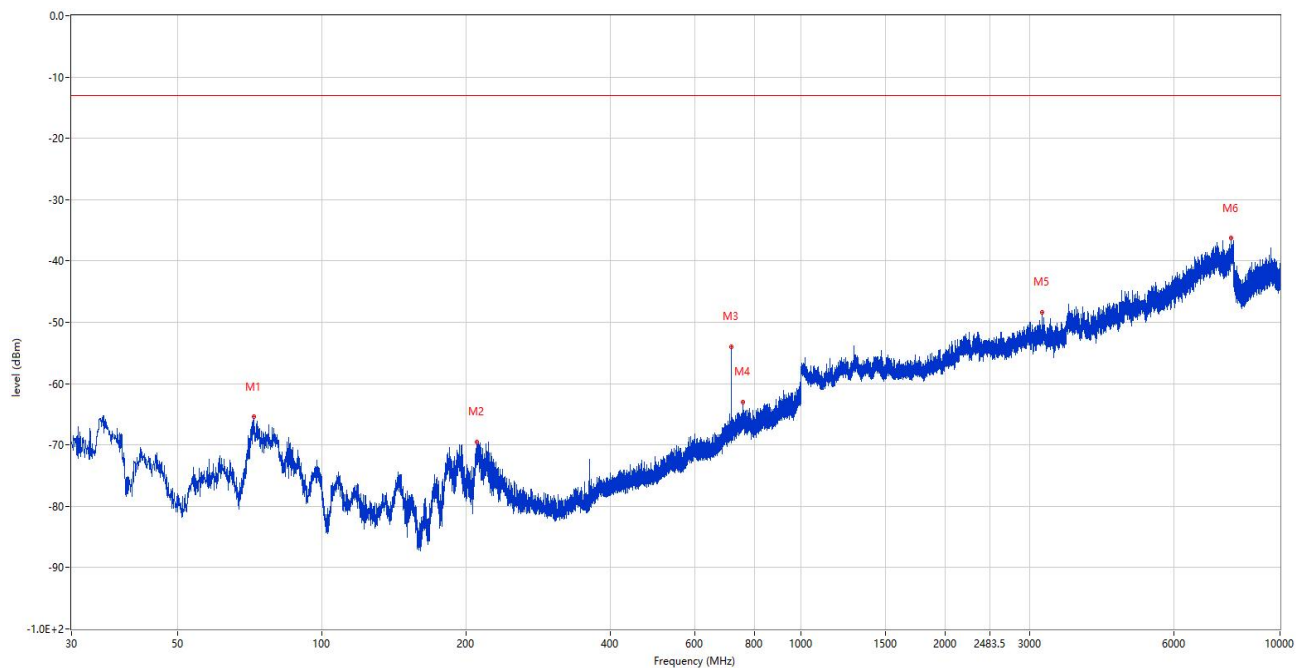
Band:LTE B13



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
86.648	-71.54	-18.52	-13.0	58.54	360.00	Horizontal	Horizontal	Pass
362.565	-71.56	-9.27	-13.0	58.56	308.00	Horizontal	Horizontal	Pass
749.352	-43.40	3.12	-13.0	30.40	268.00	Horizontal	Horizontal	N/A
782.041	-54.51	6.36	-13.0	41.51	349.00	Horizontal	Horizontal	N/A
2346.200	-39.12	1.08	-13.0	26.12	171.00	Horizontal	Horizontal	Pass
7367.250	-35.24	18.17	-13.0	22.24	84.00	Horizontal	Horizontal	Pass

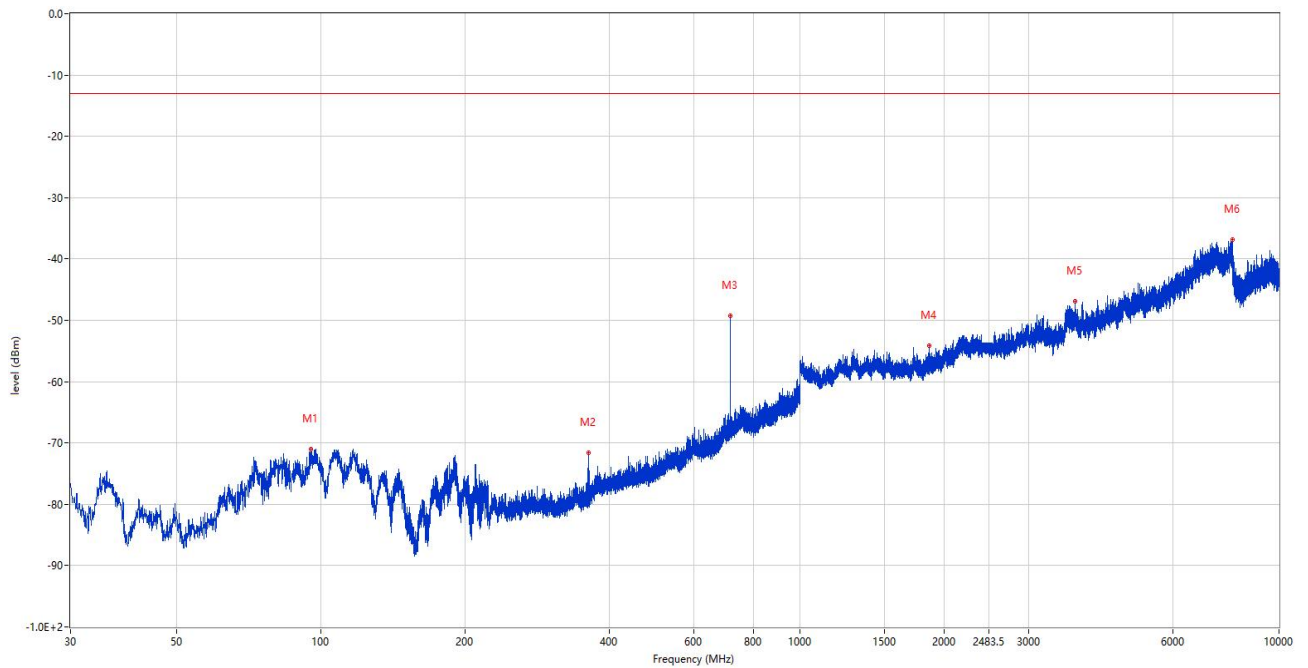
3.6 LTE Band 17

Band:LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
72.098	-65.43	-17.96	-13.0	52.43	88.00	Vertical	Horizontal	Pass
210.663	-69.46	-15.48	-13.0	56.46	8.00	Vertical	Horizontal	Pass
714.432	-54.00	2.61	-13.0	41.00	150.00	Vertical	Horizontal	N/A
755.318	-63.08	4.17	-13.0	50.08	286.00	Vertical	Horizontal	N/A
3181.500	-48.36	5.08	-13.0	35.36	360.00	Vertical	Horizontal	Pass
7919.750	-36.30	19.26	-13.0	23.30	14.00	Vertical	Horizontal	Pass

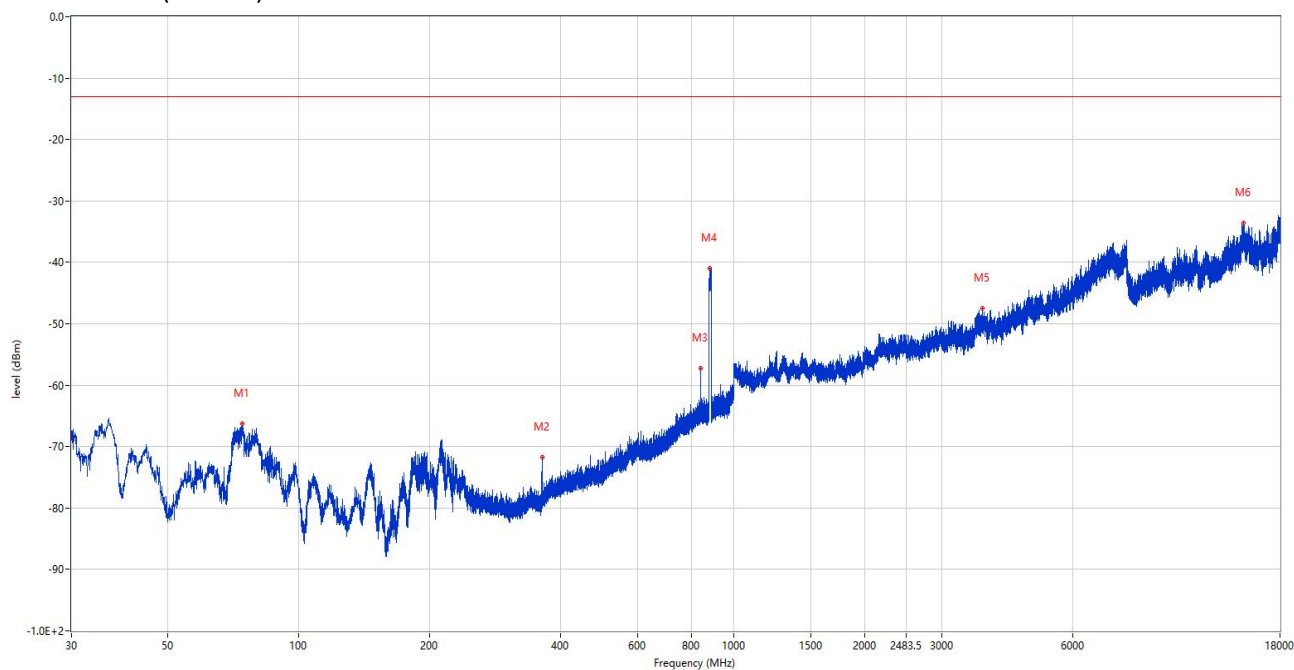
Band:LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
95.232	-70.95	-17.80	-13.0	57.95	2.00	Horizontal	Horizontal	Pass
362.516	-71.61	-9.16	-13.0	58.61	242.00	Horizontal	Horizontal	Pass
715.354	-49.28	2.65	-13.0	36.28	2.00	Horizontal	Horizontal	N/A
1862.900	-54.13	-3.27	-13.0	41.13	145.00	Horizontal	Horizontal	Pass
3759.250	-46.89	8.79	-13.0	33.89	0.00	Horizontal	Horizontal	Pass
7987.250	-36.83	19.89	-13.0	23.83	103.00	Horizontal	Horizontal	Pass

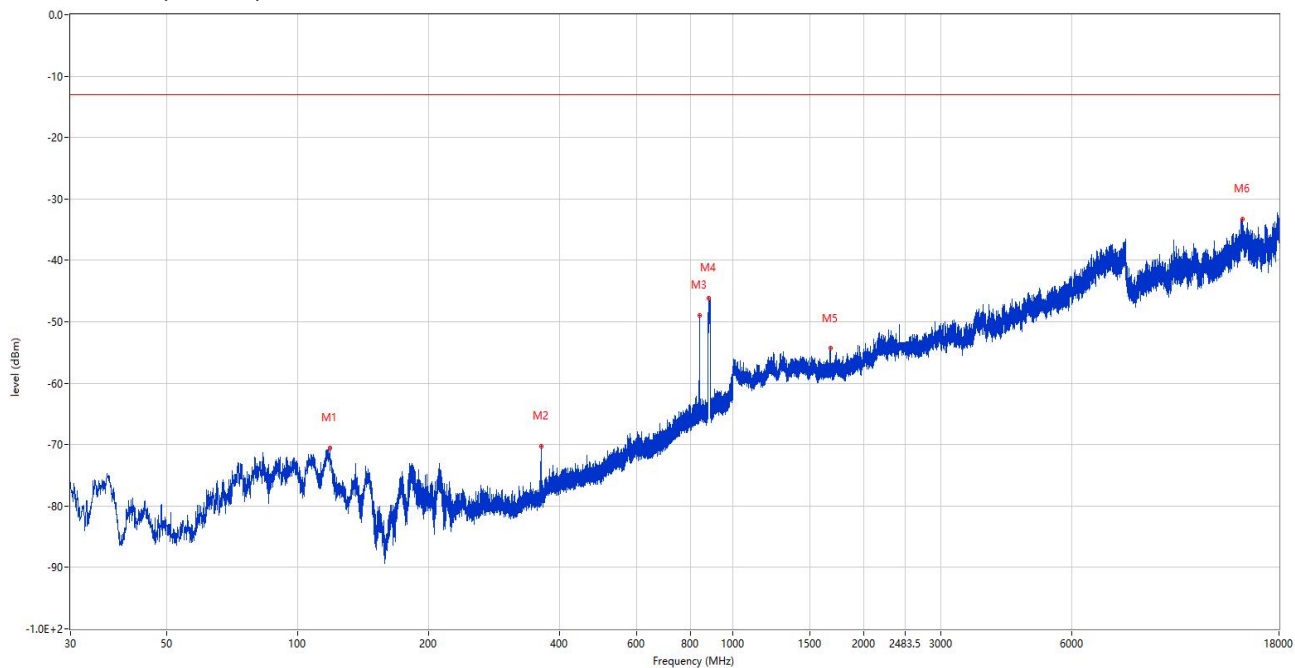
3.7 LTE Band 26(PART22)

Band:LTE B26(PART22)



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
74.135	-66.25	-18.15	-13.0	53.25	65.00	Vertical	Horizontal	Pass
362.565	-71.72	-8.82	-13.0	58.72	252.00	Vertical	Horizontal	Pass
836.604	-57.23	5.71	-13.0	44.23	356.00	Vertical	Horizontal	N/A
878.653	-40.98	5.93	-13.0	27.98	281.00	Vertical	Horizontal	N/A
3718.750	-47.55	8.71	-13.0	34.55	16.00	Vertical	Horizontal	Pass
14827.425	-33.55	24.29	-13.0	20.55	139.00	Vertical	Horizontal	Pass

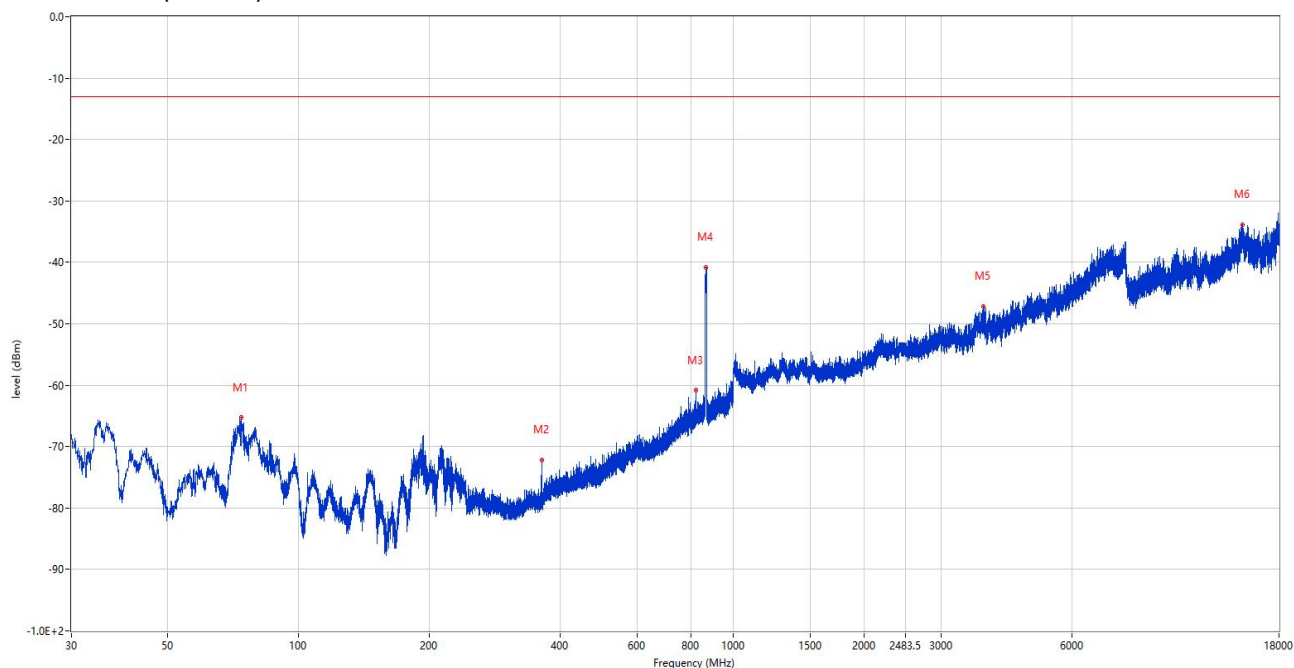
Band:LTE B26(PART22)



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
118.415	-70.54	-19.42	-13.0	57.54	172.00	Horizontal	Horizontal	Pass
362.516	-70.19	-8.83	-13.0	57.19	275.00	Horizontal	Horizontal	Pass
836.604	-48.97	5.71	-13.0	35.97	348.00	Horizontal	Horizontal	N/A
878.653	-46.14	5.93	-13.0	33.14	360.00	Horizontal	Horizontal	N/A
1672.900	-54.34	-3.67	-13.0	41.34	132.00	Horizontal	Horizontal	Pass
14824.013	-33.28	24.41	-13.0	20.28	154.00	Horizontal	Horizontal	Pass

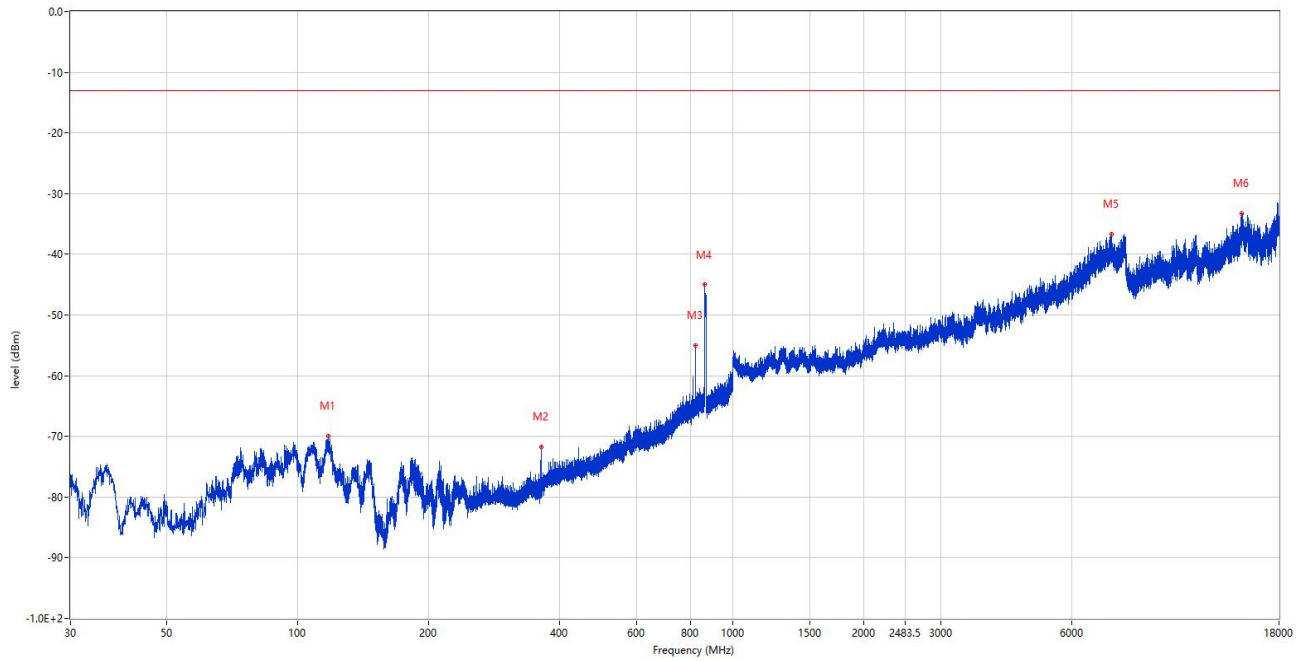
3.8 LTE Band 26(PART90)

Band:LTE B26(PART90)



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.893	-65.29	-18.13	-13.0	52.29	61.00	Vertical	Horizontal	Pass
362.565	-72.15	-8.82	-13.0	59.15	226.00	Vertical	Horizontal	Pass
818.998	-60.84	5.23	-13.0	47.84	50.00	Vertical	Horizontal	N/A
866.237	-40.84	5.48	-13.0	27.84	322.00	Vertical	Horizontal	N/A
3753.500	-47.23	8.73	-13.0	34.23	261.00	Vertical	Horizontal	Pass
14815.612	-33.84	24.50	-13.0	20.84	233.00	Vertical	Horizontal	Pass

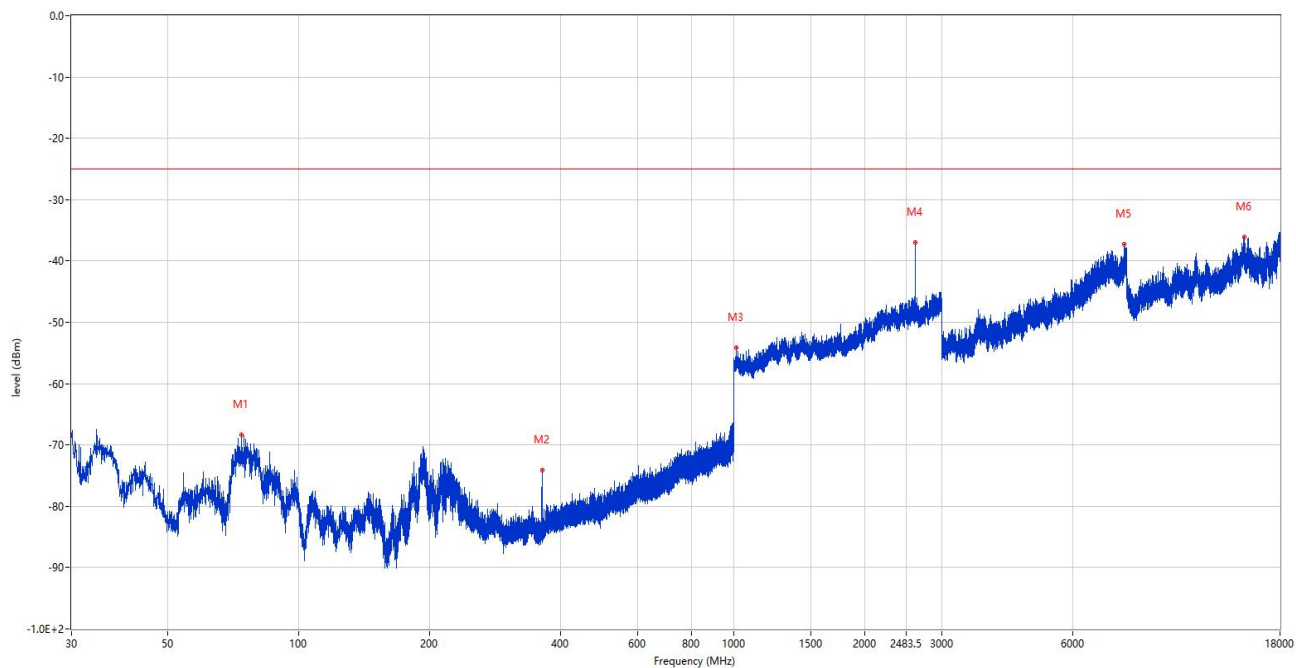
Band:LTE B26(PART90)



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
117.203	-69.95	-19.09	-13.0	56.95	160.00	Horizontal	Horizontal	Pass
362.516	-71.70	-8.83	-13.0	58.70	284.00	Horizontal	Horizontal	Pass
819.095	-55.10	5.23	-13.0	42.10	347.00	Horizontal	Horizontal	N/A
861.435	-45.03	5.62	-13.0	32.03	358.00	Horizontal	Horizontal	N/A
7415.250	-36.67	18.88	-13.0	23.67	172.00	Horizontal	Horizontal	Pass
14800.912	-33.29	24.33	-13.0	20.29	184.00	Horizontal	Horizontal	Pass

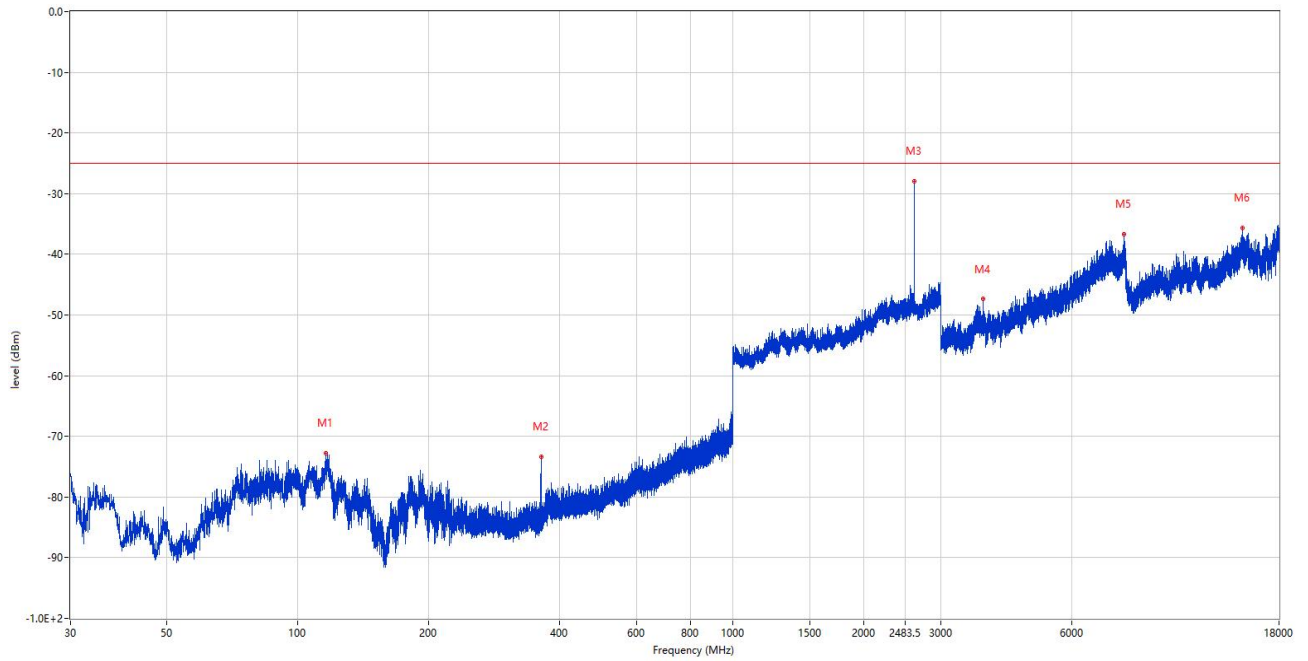
3.9 LTE Band 38

Band:LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
73.796	-68.39	-19.31	-25.0	43.39	106.00	Vertical	Horizontal	Pass
362.516	-74.10	-11.92	-25.0	49.10	253.00	Vertical	Horizontal	Pass
1013.900	-54.10	-1.27	-25.0	29.10	76.00	Vertical	Horizontal	Pass
2609.900	-36.94	7.73	-25.0	11.94	112.00	Vertical	Horizontal	N/A
7878.250	-37.26	18.59	-25.0	12.26	174.00	Vertical	Horizontal	Pass
14875.500	-36.10	23.69	-25.0	11.10	231.00	Vertical	Horizontal	Pass

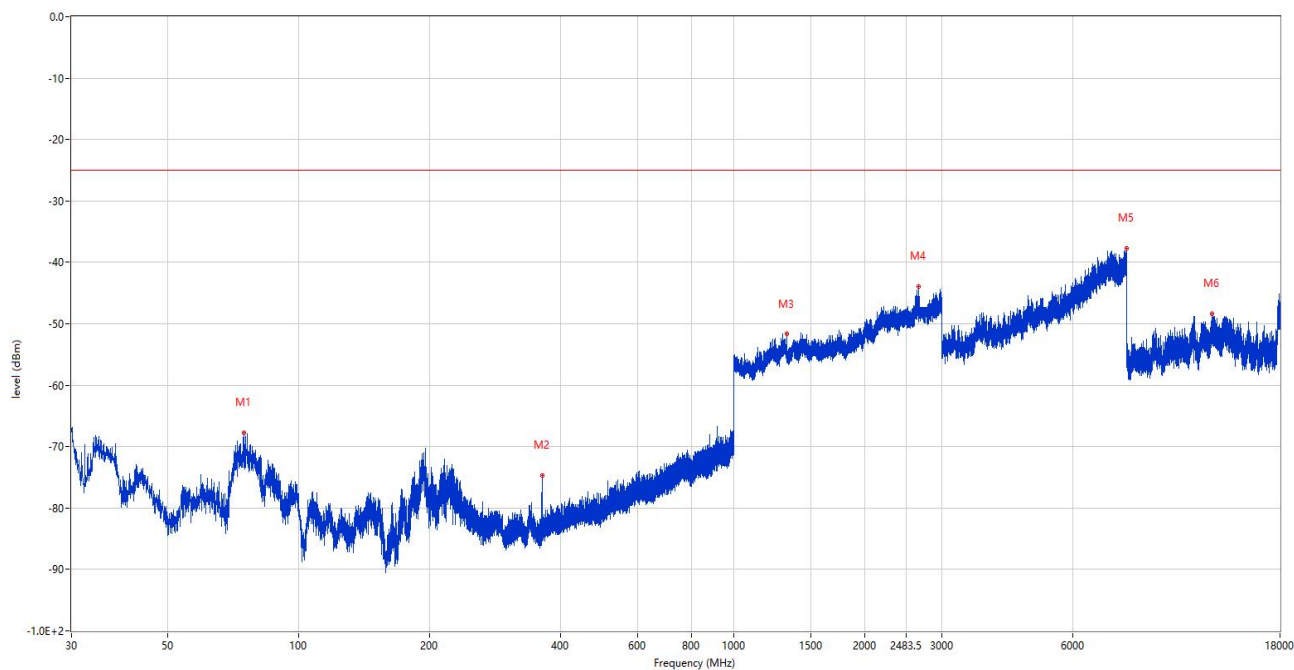
Band:LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
116.039	-72.78	-20.38	-25.0	47.78	156.00	Horizontal	Horizontal	Pass
362.516	-73.35	-11.92	-25.0	48.35	280.00	Horizontal	Horizontal	Pass
2609.900	-28.01	7.73	-25.0	3.01	200.00	Horizontal	Horizontal	N/A
3752.250	-47.36	8.71	-25.0	22.36	72.00	Horizontal	Horizontal	Pass
7916.500	-36.75	19.29	-25.0	11.75	48.00	Horizontal	Horizontal	Pass
14816.500	-35.64	24.51	-25.0	10.64	185.00	Horizontal	Horizontal	Pass

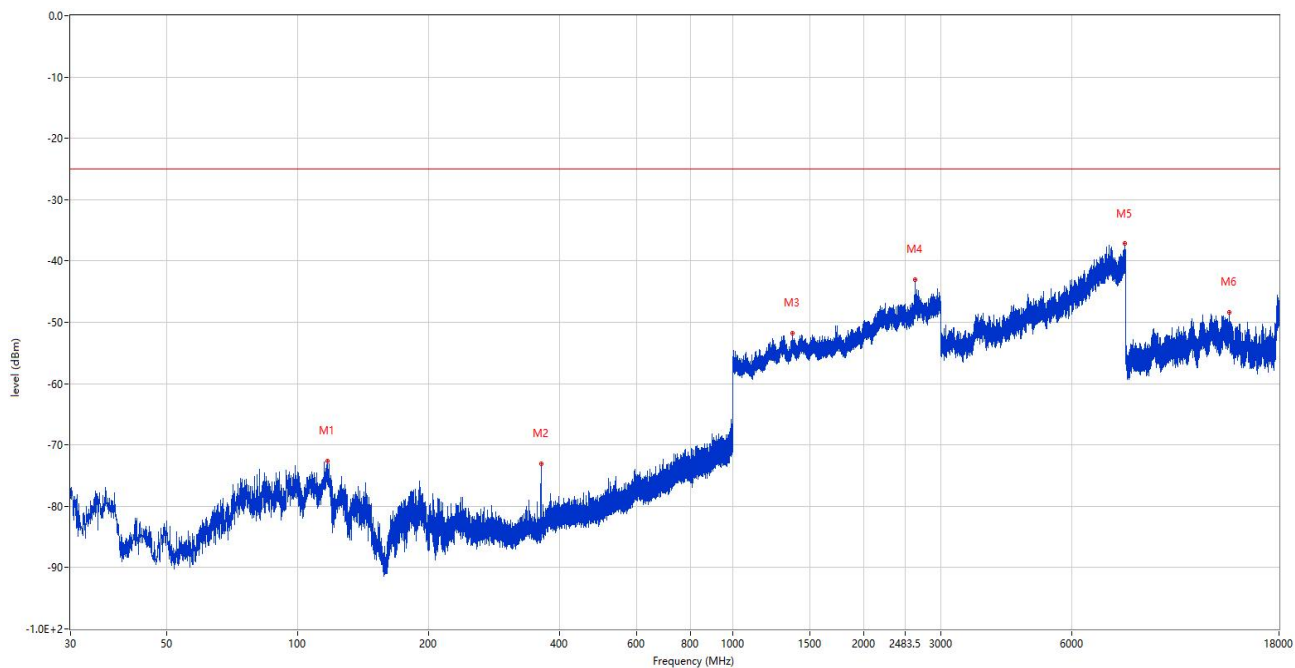
3.10 LTE Band 41

Band:LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
74.620	-67.77	-19.37	-25.0	42.77	90.00	Vertical	Horizontal	Pass
362.516	-74.65	-11.92	-25.0	49.65	49.00	Vertical	Horizontal	Pass
1323.500	-51.70	-0.00	-25.0	26.70	4.00	Vertical	Horizontal	Pass
2655.500	-43.90	9.12	-25.0	18.90	309.00	Vertical	Horizontal	Pass
7994.250	-37.67	20.03	-25.0	12.67	106.00	Vertical	Horizontal	Pass
12577.575	-48.36	8.67	-25.0	23.36	209.00	Vertical	Horizontal	Pass

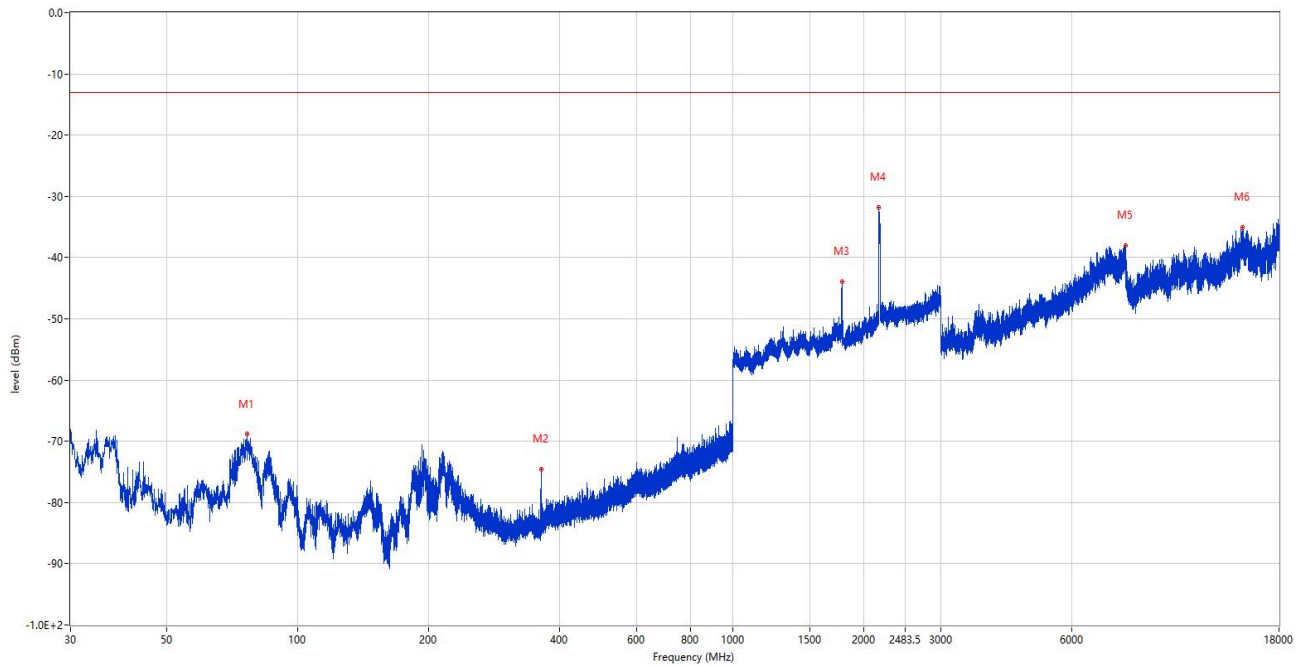
Band:LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
117.155	-72.62	-20.67	-25.0	47.62	162.00	Horizontal	Horizontal	Pass
362.565	-73.00	-11.91	-25.0	48.00	258.00	Horizontal	Horizontal	Pass
1370.500	-51.84	0.86	-25.0	26.84	165.00	Horizontal	Horizontal	Pass
2627.500	-43.10	8.68	-25.0	18.10	154.00	Horizontal	Horizontal	Pass
7944.250	-37.14	19.51	-25.0	12.14	274.00	Horizontal	Horizontal	Pass
13819.688	-48.41	10.19	-25.0	23.41	168.00	Horizontal	Horizontal	Pass

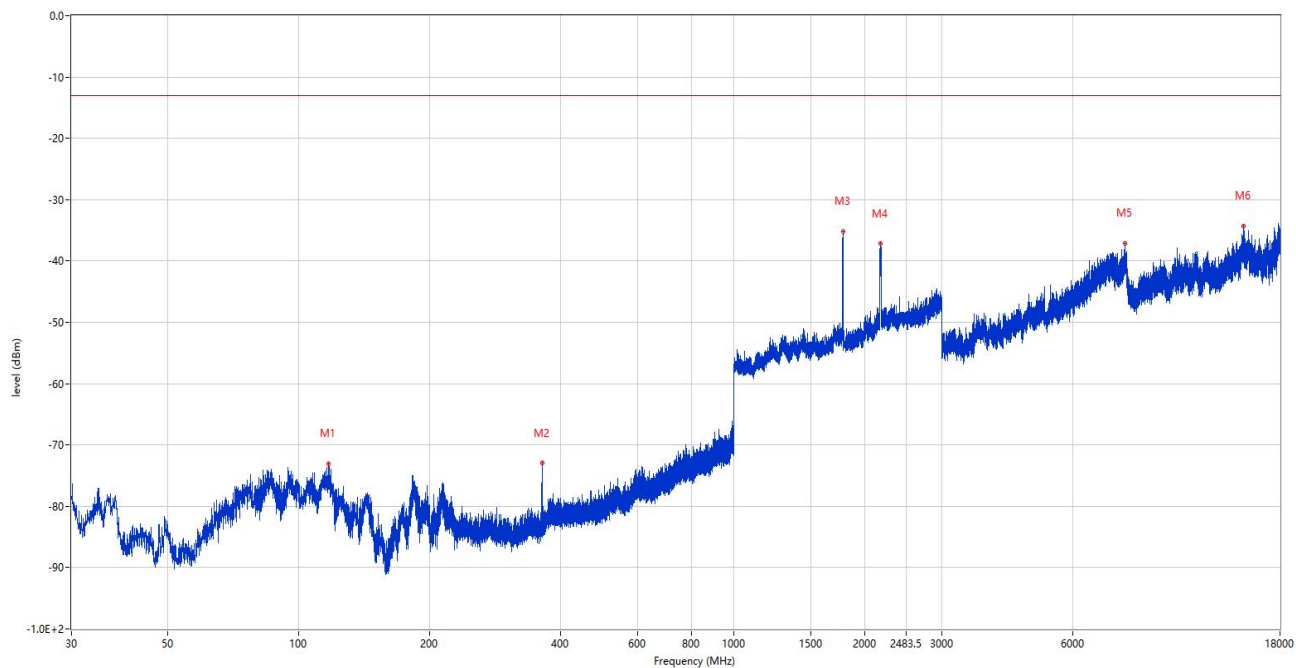
3.11 LTE Band 66

Band:LTE B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
76.317	-68.84	-19.45	-13.0	55.84	74.00	Vertical	Horizontal	Pass
362.516	-74.60	-11.92	-13.0	61.60	225.00	Vertical	Horizontal	Pass
1779.100	-43.88	2.77	-13.0	30.88	120.00	Vertical	Horizontal	N/A
2166.800	-31.74	4.98	-13.0	18.74	351.00	Vertical	Horizontal	N/A
7995.750	-38.03	20.08	-13.0	25.03	160.00	Vertical	Horizontal	Pass
14826.900	-35.04	24.30	-13.0	22.04	327.00	Vertical	Horizontal	Pass

Band:LTE B66

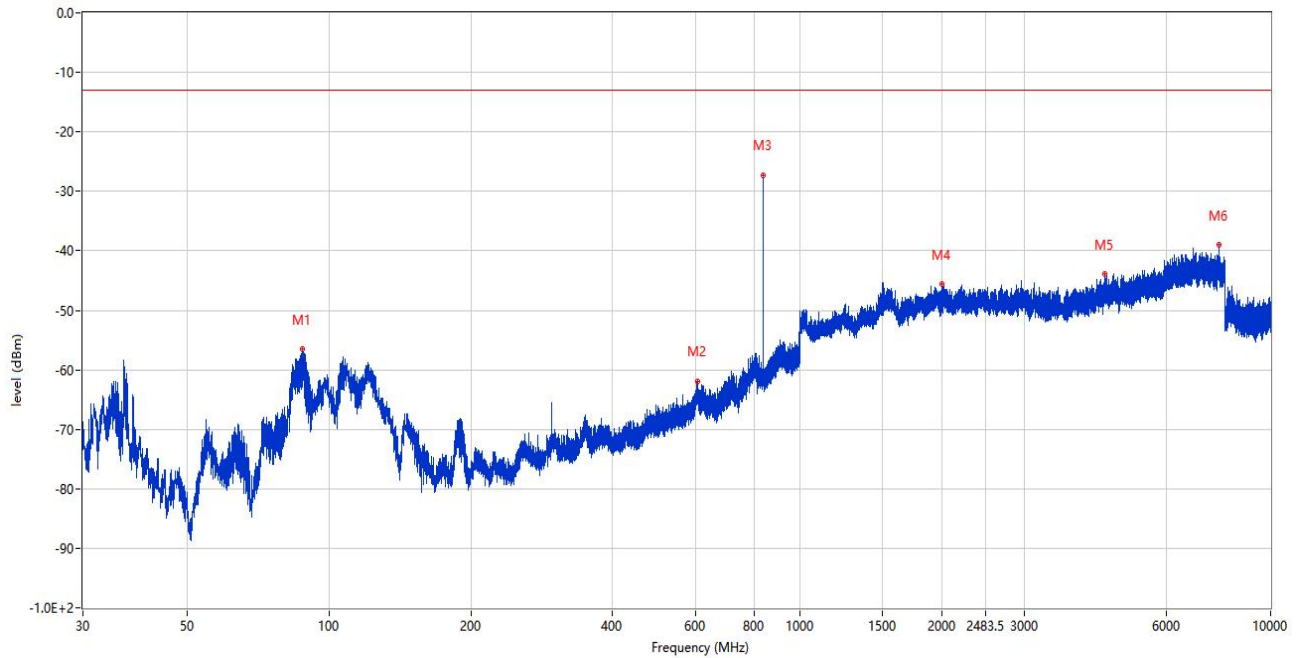


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
116.864	-73.04	-20.59	-13.0	60.04	170.00	Horizontal	Horizontal	Pass
362.516	-72.99	-11.92	-13.0	59.99	306.00	Horizontal	Horizontal	Pass
1779.200	-35.27	2.77	-13.0	22.27	143.00	Horizontal	Horizontal	N/A
2167.800	-37.18	5.00	-13.0	24.18	62.00	Horizontal	Horizontal	N/A
7915.250	-37.16	19.30	-13.0	24.16	322.00	Horizontal	Horizontal	Pass
14809.575	-34.25	24.43	-13.0	21.25	93.00	Horizontal	Horizontal	Pass

Spot Check Test Data

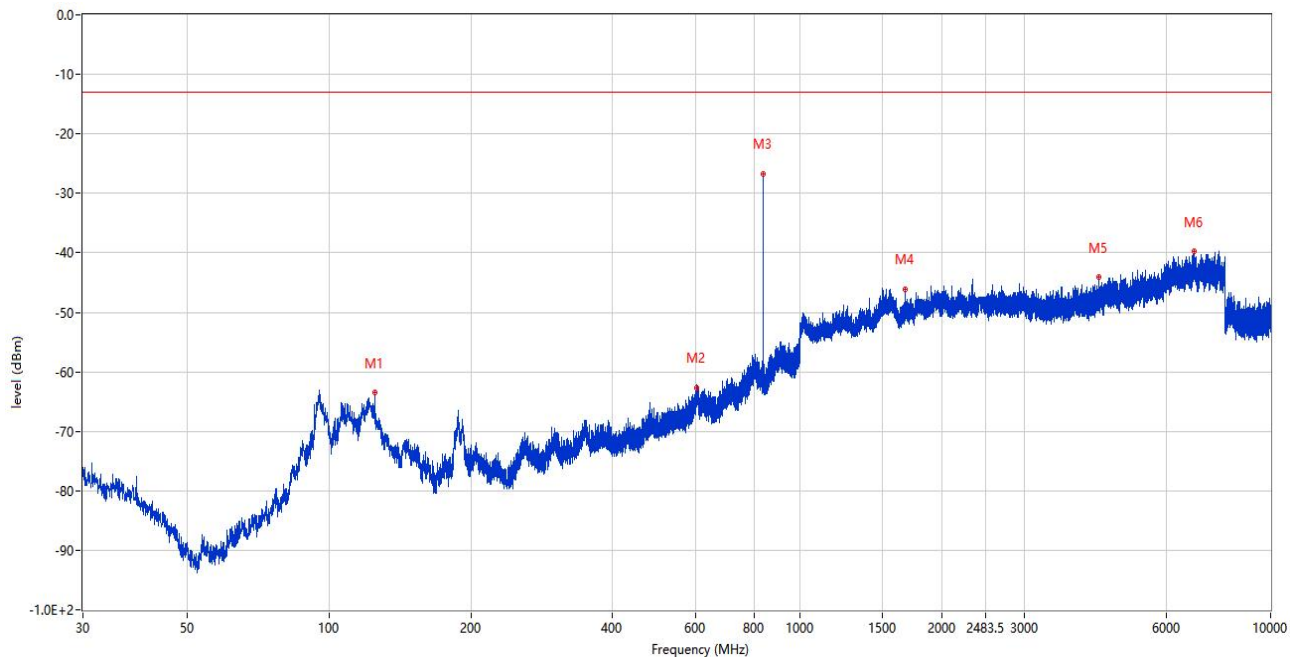
GSM

1.1 GSM850



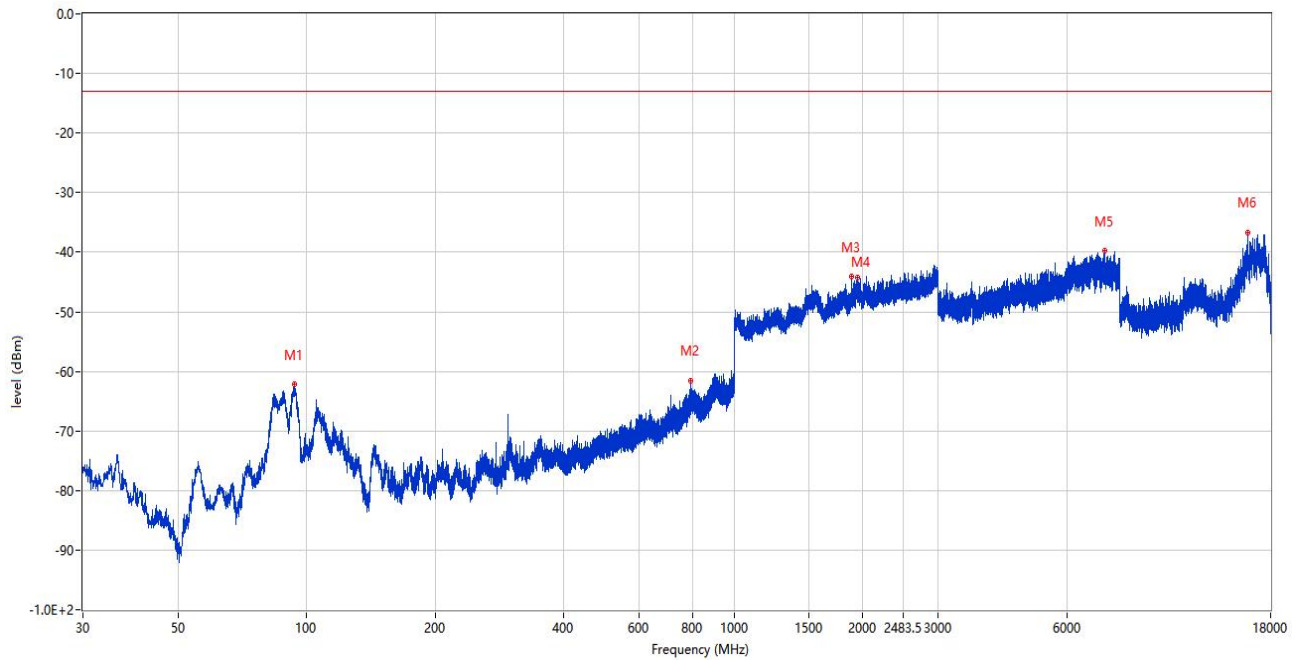
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
87.957	-56.54	-7.37	-13.0	43.54	180.00	Vertical	Horizontal	Pass
605.161	-61.88	5.54	-13.0	48.88	288.00	Vertical	Horizontal	Pass
836.604	-27.21	7.42	-13.0	14.21	36.00	Vertical	Horizontal	N/A
1999.800	-45.52	5.56	-13.0	32.52	216.00	Vertical	Horizontal	Pass
4449.750	-43.96	11.20	-13.0	30.96	108.00	Vertical	Horizontal	Pass
7772.500	-39.06	15.55	-13.0	26.06	72.00	Vertical	Horizontal	Pass

Band:GSM850



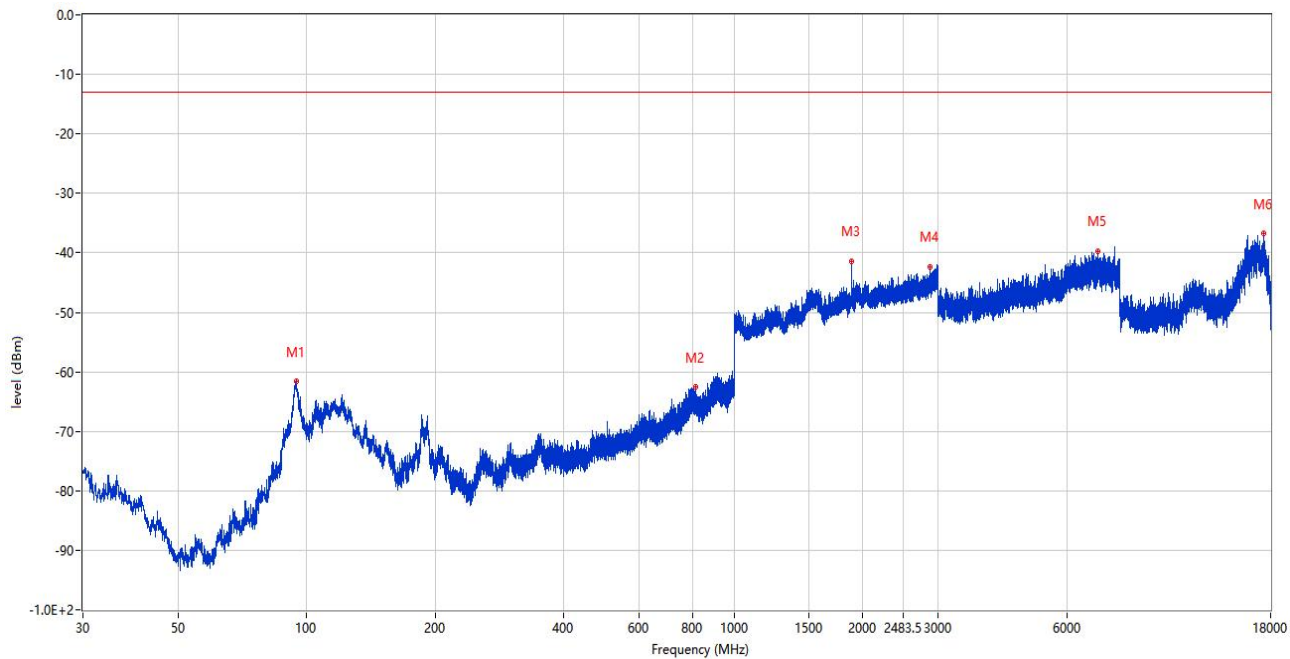
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
125.011	-63.50	-8.28	-13.0	50.50	108.00	Horizontal	Horizontal	Pass
603.028	-62.70	5.42	-13.0	49.70	180.00	Horizontal	Horizontal	Pass
836.604	-26.72	7.42	-13.0	13.72	216.00	Horizontal	Horizontal	N/A
1673.800	-46.17	4.81	-13.0	33.17	252.00	Horizontal	Horizontal	Pass
4308.750	-44.12	10.58	-13.0	31.12	72.00	Horizontal	Horizontal	Pass
6875.250	-39.83	14.94	-13.0	26.83	108.00	Horizontal	Horizontal	Pass

1.2 GSM1900



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
93.923	-62.17	-1.87	-13.0	49.17	216.00	Vertical	Horizontal	Pass
790.189	-61.51	3.04	-13.0	48.51	360.00	Vertical	Horizontal	Pass
1880.800	-44.15	7.22	-13.0	31.15	288.00	Vertical	Horizontal	N/A
1940.700	-44.17	8.37	-13.0	31.17	216.00	Vertical	Horizontal	Pass
7360.000	-39.75	15.58	-13.0	26.75	72.00	Vertical	Horizontal	Pass
15936.000	-36.72	29.11	-13.0	23.72	216.00	Vertical	Horizontal	Pass

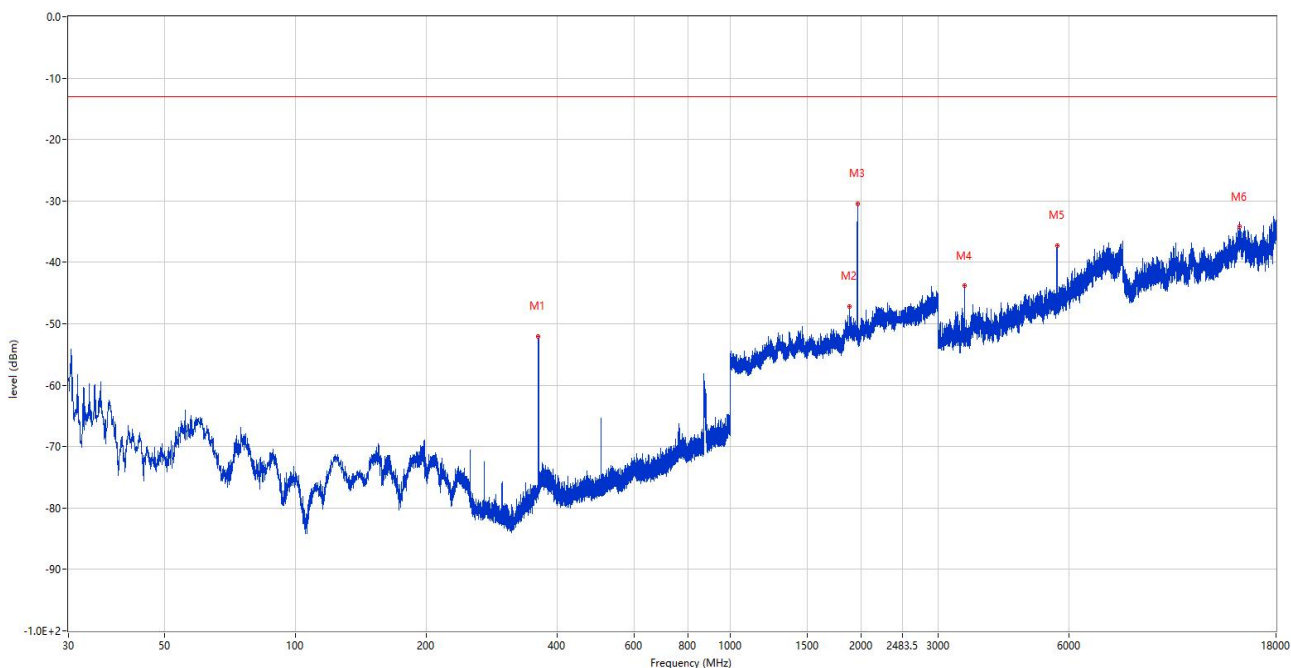
Band:GSM1900



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
94.796	-61.67	-2.23	-13.0	48.67	288.00	Horizontal	Horizontal	Pass
811.820	-62.58	3.07	-13.0	49.58	72.00	Horizontal	Horizontal	Pass
1880.700	-41.44	7.22	-13.0	28.44	252.00	Horizontal	Horizontal	N/A
2879.000	-42.36	10.89	-13.0	29.36	36.00	Horizontal	Horizontal	Pass
7100.500	-39.65	15.31	-13.0	26.65	180.00	Horizontal	Horizontal	Pass
17346.001	-36.78	27.96	-13.0	23.78	360.00	Horizontal	Horizontal	Pass

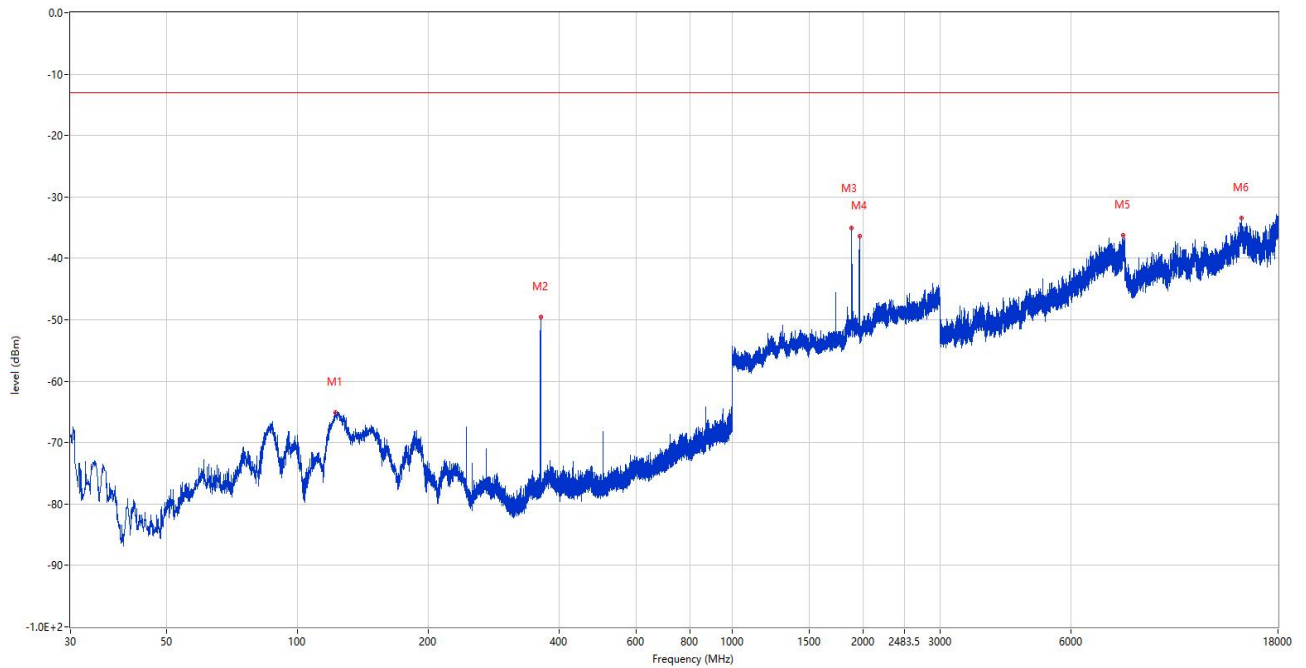
WCDMA

2.1 WCDMA B2



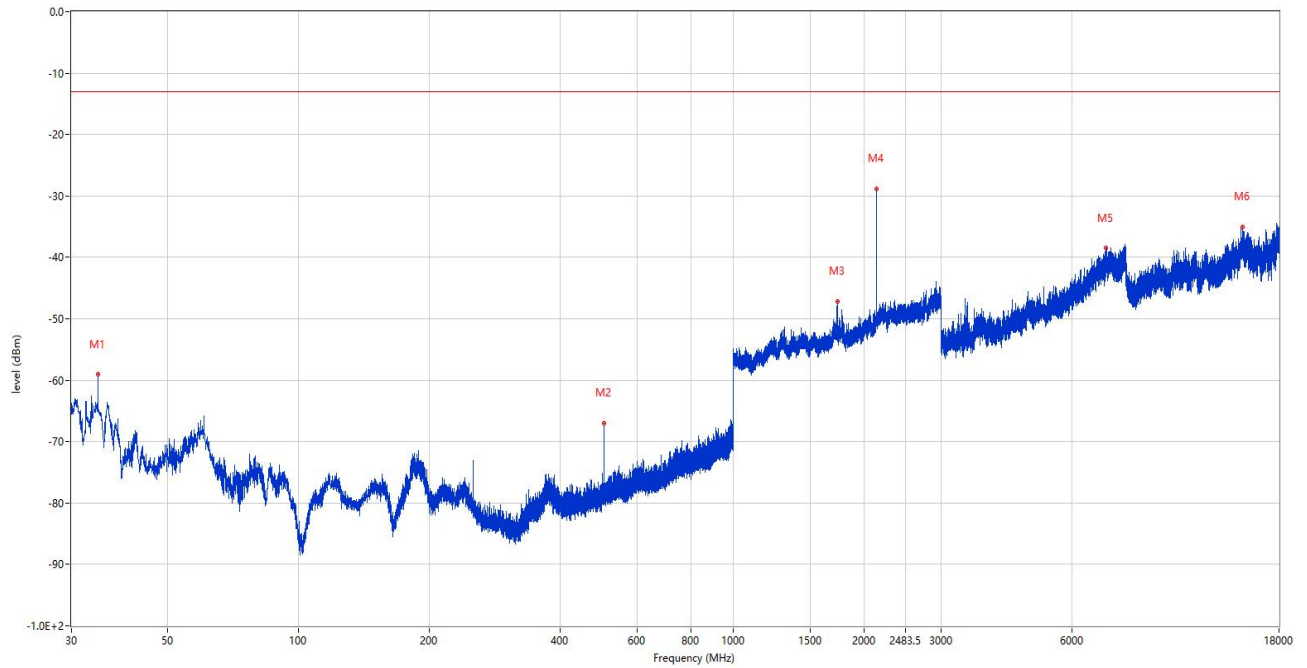
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
361.158	-52.06	-12.13	-13.0	39.06	116.00	Vertical	Horizontal	Pass
1882.300	-47.21	3.42	-13.0	34.21	81.00	Vertical	Horizontal	N/A
1960.900	-30.51	2.83	-13.0	17.51	314.00	Vertical	Horizontal	N/A
3452.500	-43.77	4.77	-13.0	30.77	54.00	Vertical	Horizontal	Pass
5643.500	-37.31	11.26	-13.0	24.31	30.00	Vertical	Horizontal	Pass
14819.500	-34.22	24.55	-13.0	21.22	140.00	Vertical	Horizontal	Pass

Band:WCDMA B2



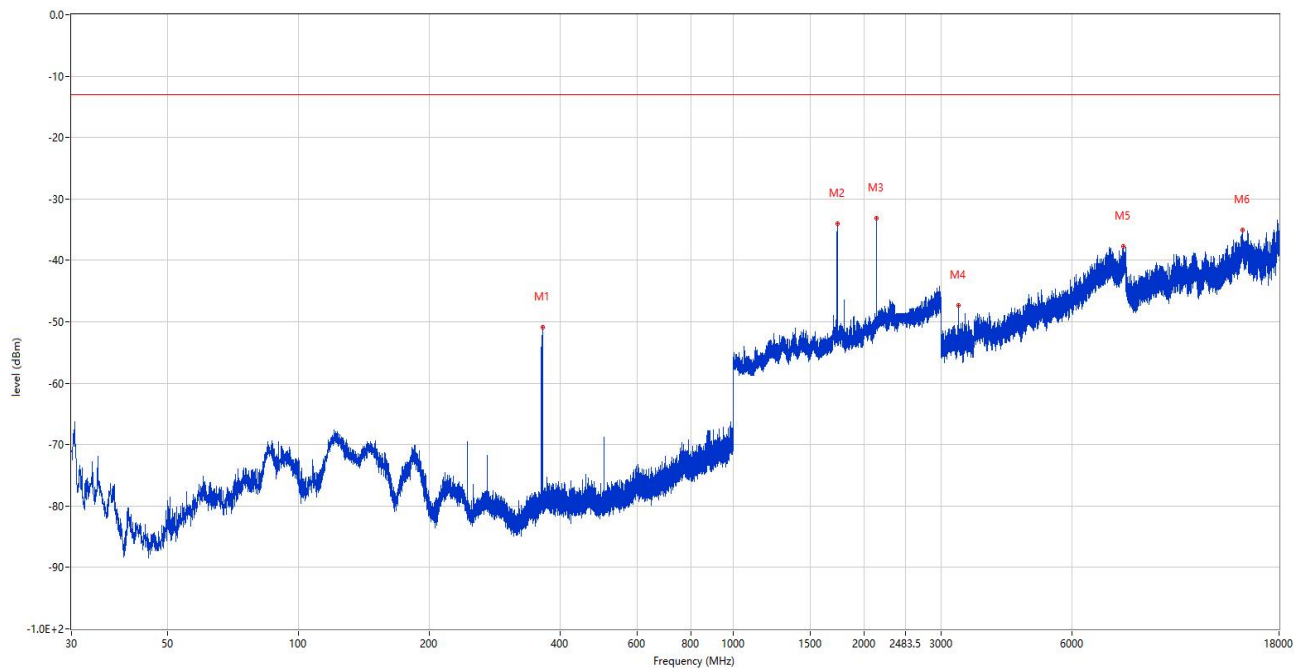
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
122.005	-65.07	-21.43	-13.0	52.07	155.00	Horizontal	Horizontal	Pass
363.098	-49.55	-11.83	-13.0	36.55	255.00	Horizontal	Horizontal	Pass
1882.300	-35.01	3.42	-13.0	22.01	130.00	Horizontal	Horizontal	N/A
1959.800	-36.44	2.91	-13.0	23.44	216.00	Horizontal	Horizontal	N/A
7932.250	-36.19	19.17	-13.0	23.19	61.00	Horizontal	Horizontal	Pass
14809.000	-33.46	24.43	-13.0	20.46	1.00	Horizontal	Horizontal	Pass

2.2 WCDMA B4



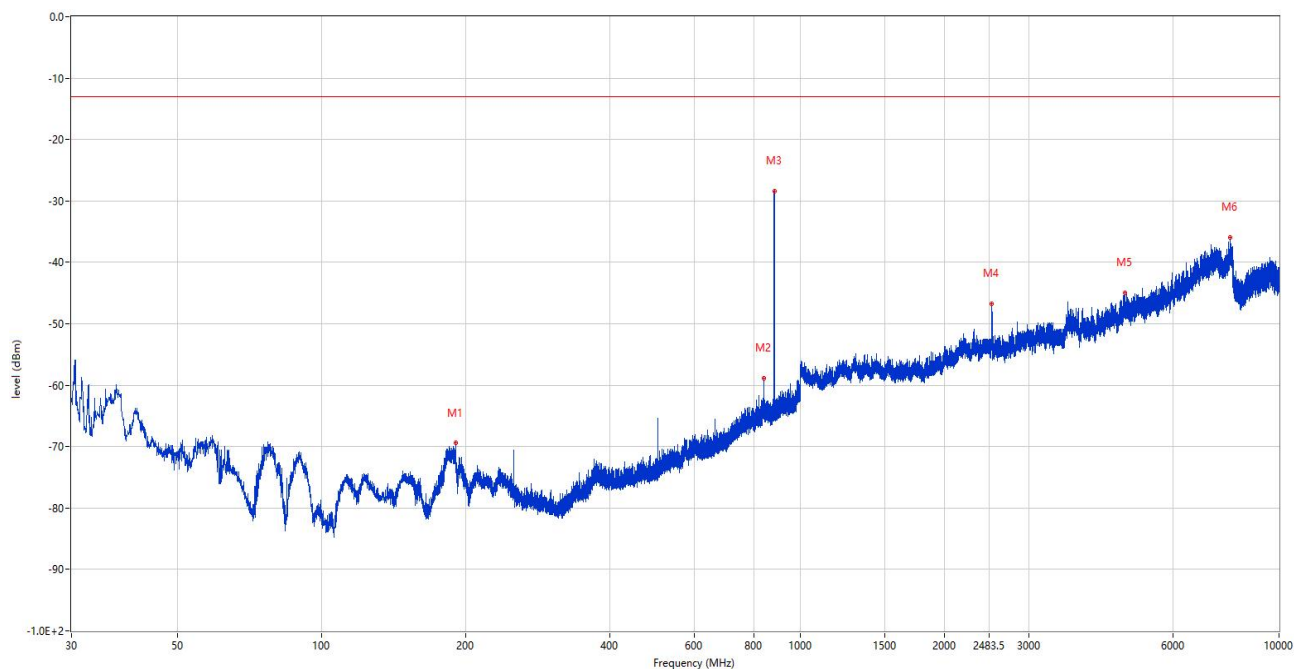
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.511	-59.09	-14.91	-13.0	46.09	316.00	Vertical	Horizontal	Pass
504.185	-66.98	-7.71	-13.0	53.98	39.00	Vertical	Horizontal	Pass
1734.100	-47.25	2.77	-13.0	34.25	163.00	Vertical	Horizontal	N/A
2132.500	-28.81	3.99	-13.0	15.81	338.00	Vertical	Horizontal	N/A
7204.500	-38.50	17.87	-13.0	25.50	14.00	Vertical	Horizontal	Pass
14832.938	-35.01	24.09	-13.0	22.01	276.00	Vertical	Horizontal	Pass

Band:WCDMA B4



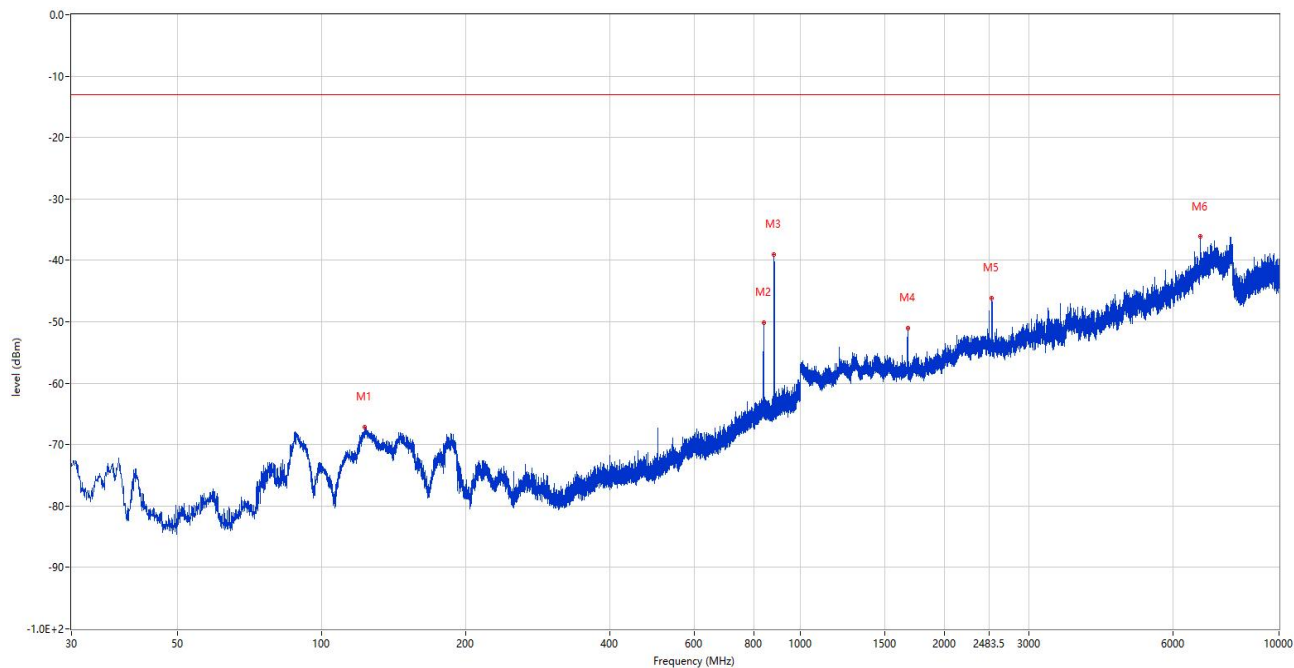
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
364.698	-50.86	-11.58	-13.0	37.86	74.00	Horizontal	Horizontal	Pass
1734.500	-34.06	2.76	-13.0	21.06	142.00	Horizontal	Horizontal	N/A
2133.200	-33.12	4.02	-13.0	20.12	209.00	Horizontal	Horizontal	N/A
3300.750	-47.32	5.00	-13.0	34.32	130.00	Horizontal	Horizontal	Pass
7895.250	-37.76	19.06	-13.0	24.76	255.00	Horizontal	Horizontal	Pass
14816.663	-35.06	24.52	-13.0	22.06	173.00	Horizontal	Horizontal	Pass

2.3 WCDMA B5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
190.244	-69.33	-15.35	-13.0	56.33	39.00	Vertical	Horizontal	Pass
837.961	-58.85	5.75	-13.0	45.85	0.00	Vertical	Horizontal	N/A
882.727	-28.43	5.74	-13.0	15.43	245.00	Vertical	Horizontal	N/A
2512.200	-46.78	0.61	-13.0	33.78	23.00	Vertical	Horizontal	Pass
4760.250	-45.03	11.12	-13.0	32.03	244.00	Vertical	Horizontal	Pass
7917.500	-35.91	19.28	-13.0	22.91	189.00	Vertical	Horizontal	Pass

Band:WCDMA B5

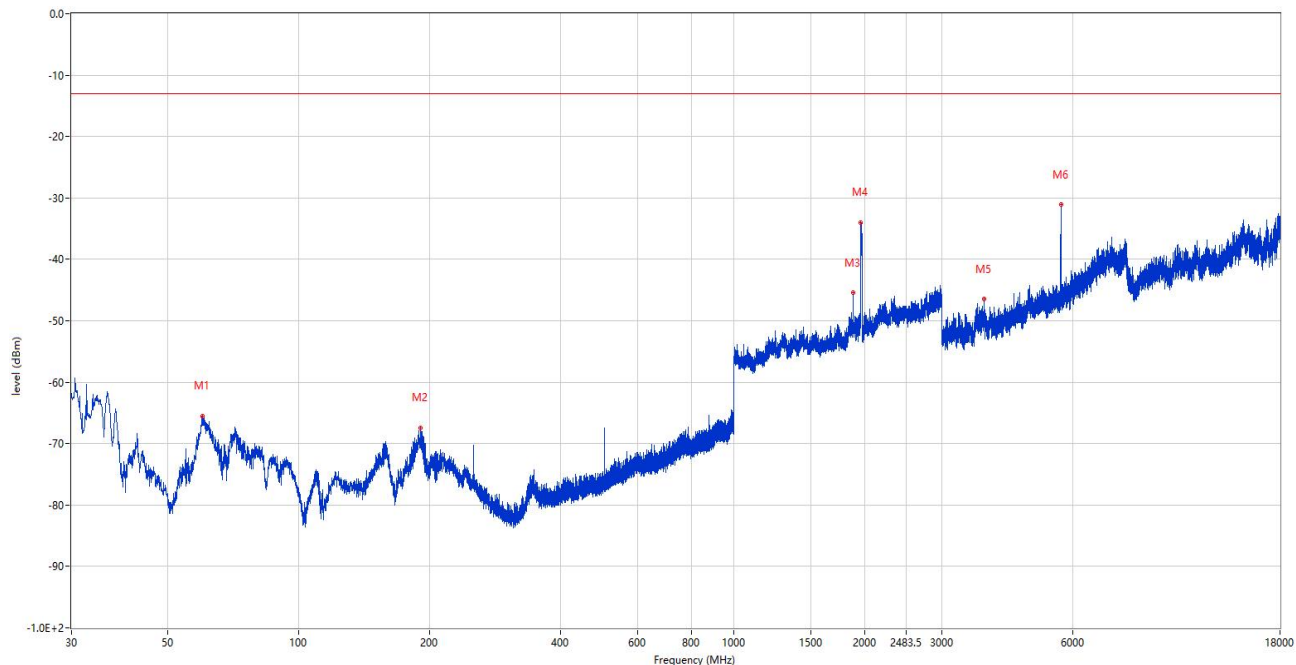


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
123.169	-67.14	-19.85	-13.0	54.14	140.00	Horizontal	Horizontal	Pass
837.865	-50.13	5.75	-13.0	37.13	344.00	Horizontal	Horizontal	N/A
879.865	-39.09	5.84	-13.0	26.09	296.00	Horizontal	Horizontal	N/A
1675.000	-50.97	-3.73	-13.0	37.97	117.00	Horizontal	Horizontal	Pass
2513.900	-46.12	0.69	-13.0	33.12	196.00	Horizontal	Horizontal	Pass
6860.500	-36.16	16.77	-13.0	23.16	49.00	Horizontal	Horizontal	Pass

LTE

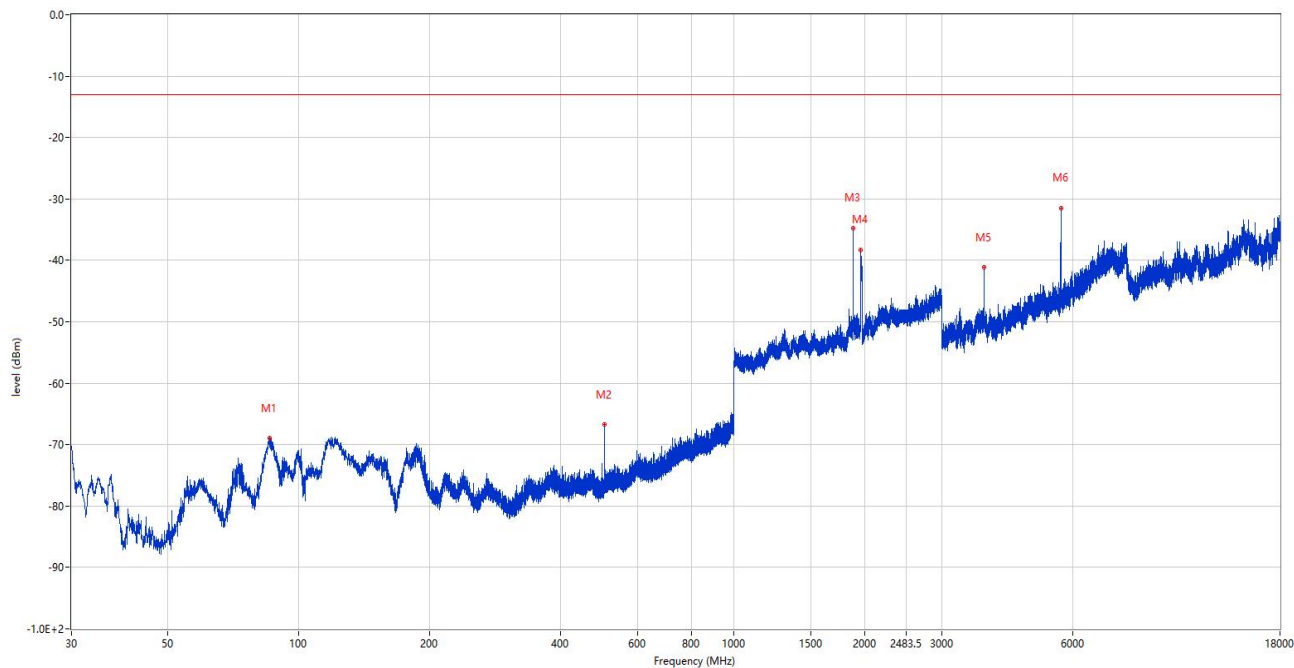
3.1 LTE Band 2

Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
59.876	-65.57	-16.70	-13.0	52.57	165.00	Vertical	Horizontal	Pass
190.535	-67.48	-17.45	-13.0	54.48	37.00	Vertical	Horizontal	Pass
1880.900	-45.41	3.42	-13.0	32.41	86.00	Vertical	Horizontal	N/A
1957.800	-33.98	2.86	-13.0	20.98	316.00	Vertical	Horizontal	N/A
3761.000	-46.39	8.74	-13.0	33.39	187.00	Vertical	Horizontal	Pass
5640.750	-31.13	11.29	-13.0	18.13	19.00	Vertical	Horizontal	Pass

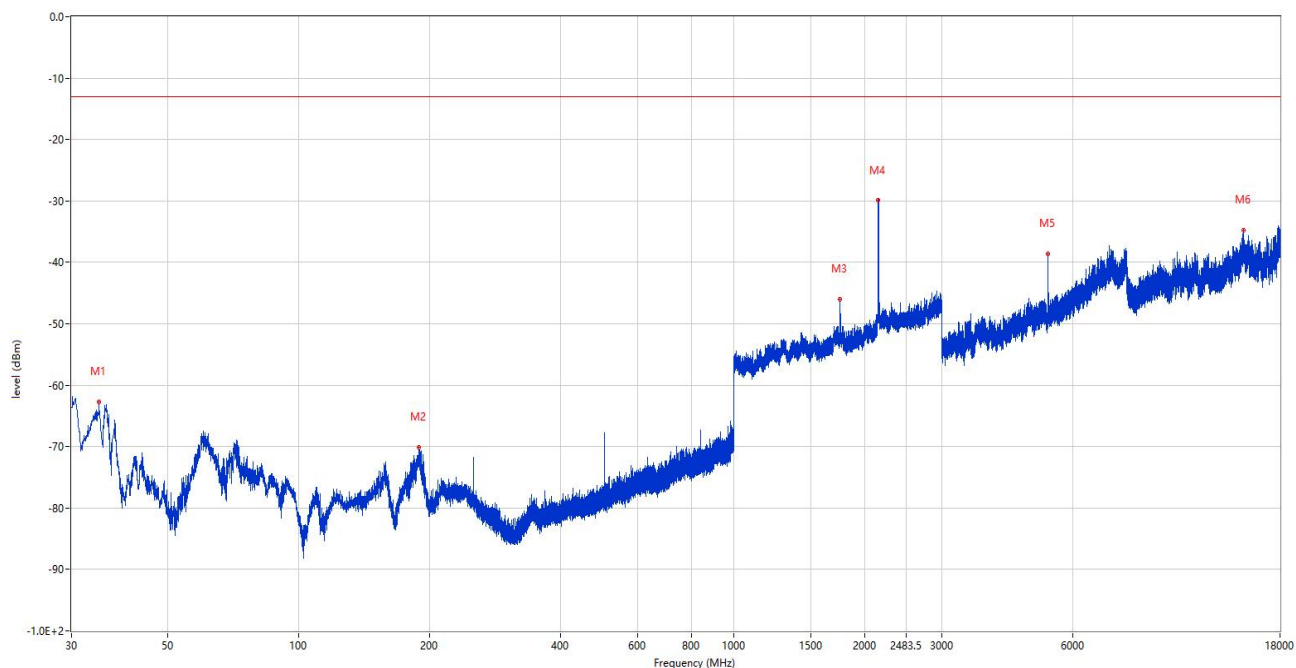
Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
85.436	-68.99	-19.59	-13.0	55.99	164.00	Horizontal	Horizontal	Pass
504.185	-66.77	-7.71	-13.0	53.77	243.00	Horizontal	Horizontal	Pass
1880.900	-34.75	3.42	-13.0	21.75	140.00	Horizontal	Horizontal	N/A
1952.800	-38.28	2.73	-13.0	25.28	22.00	Horizontal	Horizontal	N/A
3760.750	-41.17	8.75	-13.0	28.17	116.00	Horizontal	Horizontal	Pass
5641.000	-31.55	11.29	-13.0	18.55	105.00	Horizontal	Horizontal	Pass

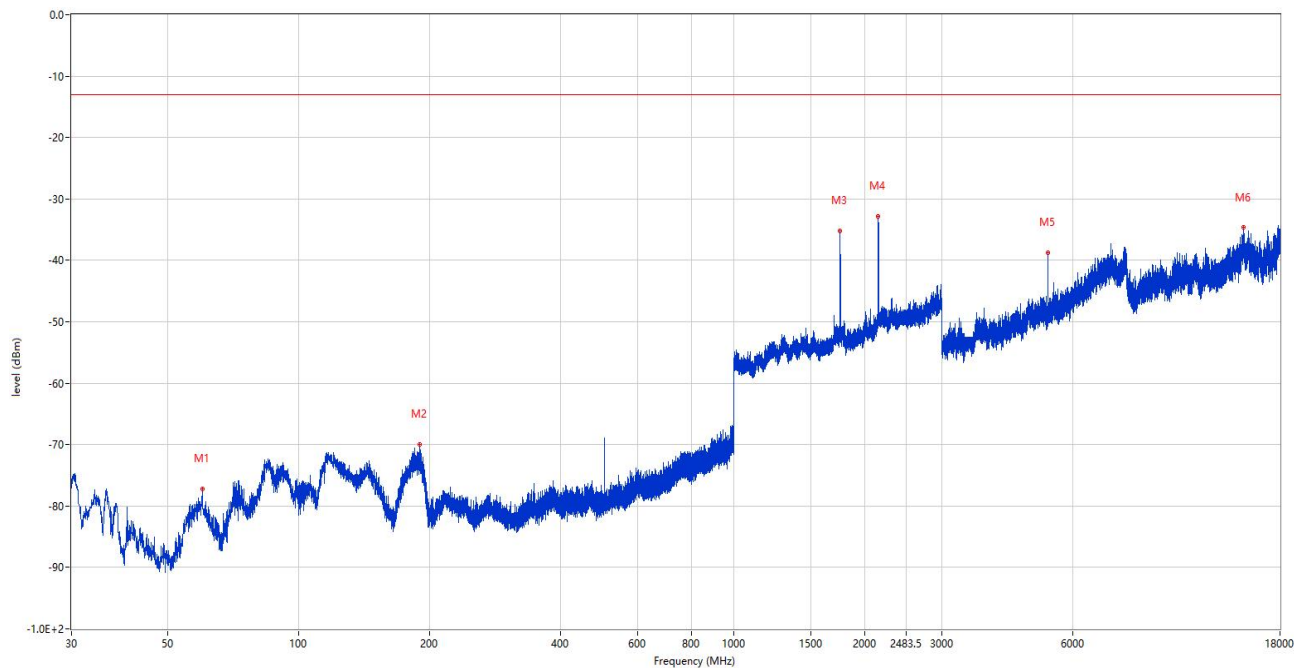
3.2 LTE Band 4

Band:LTE B4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.656	-62.79	-14.76	-13.0	49.79	272.00	Vertical	Horizontal	Pass
188.692	-70.07	-17.63	-13.0	57.07	26.00	Vertical	Horizontal	Pass
1755.100	-46.08	2.68	-13.0	33.08	165.00	Vertical	Horizontal	N/A
2145.900	-29.88	4.54	-13.0	16.88	319.00	Vertical	Horizontal	N/A
5263.000	-38.55	9.95	-13.0	25.55	239.00	Vertical	Horizontal	Pass
14832.938	-34.76	24.09	-13.0	21.76	329.00	Vertical	Horizontal	Pass

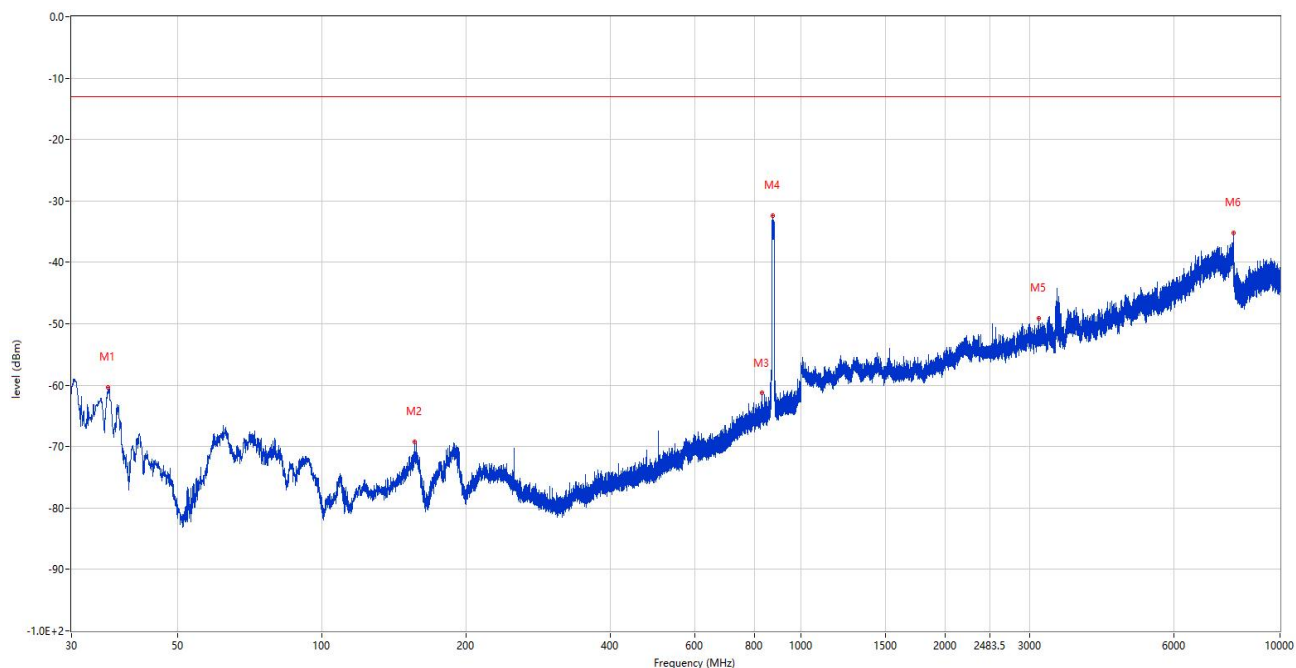
Band:LTE B4



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.022	-77.24	-16.64	-13.0	64.24	150.00	Horizontal	Horizontal	Pass
189.128	-69.98	-17.60	-13.0	56.98	283.00	Horizontal	Horizontal	Pass
1755.100	-35.21	2.68	-13.0	22.21	158.00	Horizontal	Horizontal	N/A
2146.900	-32.83	4.58	-13.0	19.83	11.00	Horizontal	Horizontal	N/A
5263.000	-38.76	9.95	-13.0	25.76	87.00	Horizontal	Horizontal	Pass
14830.050	-34.68	24.19	-13.0	21.68	2.00	Horizontal	Horizontal	Pass

3.3 LTE Band 5

Band:LTE B5



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
35.772	-60.38	-13.49	-13.0	47.38	332.00	Vertical	Horizontal	Pass
156.391	-69.20	-18.85	-13.0	56.20	111.00	Vertical	Horizontal	Pass
829.183	-61.30	5.51	-13.0	48.30	351.00	Vertical	Horizontal	N/A
872.445	-32.38	5.53	-13.0	19.38	250.00	Vertical	Horizontal	N/A
3142.250	-49.11	4.86	-13.0	36.11	114.00	Vertical	Horizontal	Pass
7985.000	-35.21	19.88	-13.0	22.21	19.00	Vertical	Horizontal	Pass