

EXHIBIT E- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

1 LTE B2

1.1 LTE-B2-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.47.39

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

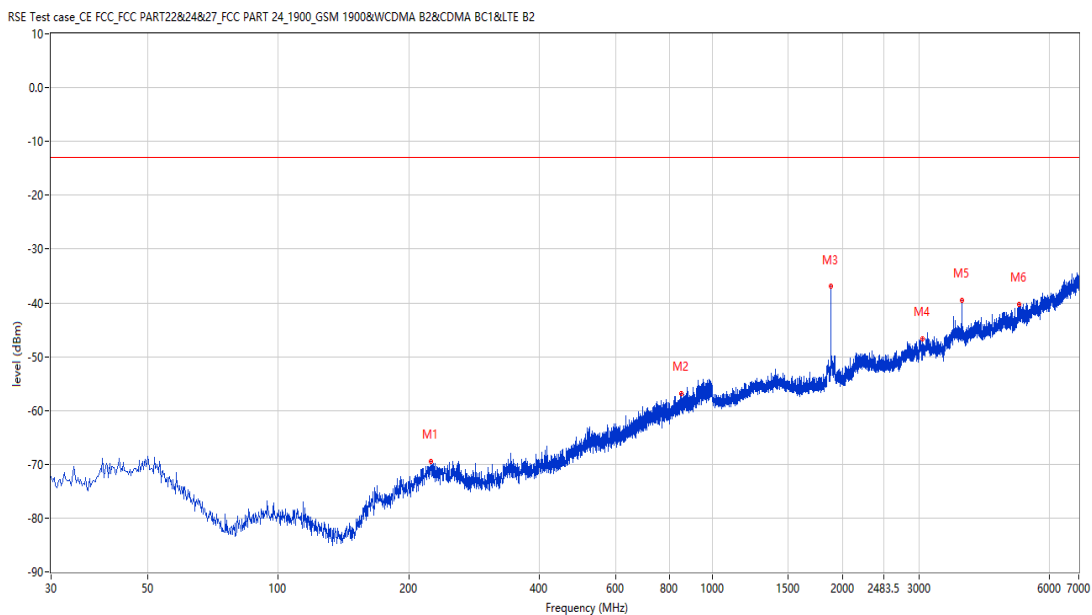
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
224.727	-69.43	-11.82	-13.0	56.43	194.60	Horizontal	Vertical	Pass
851.105	-56.82	-0.45	-13.0	43.82	258.60	Horizontal	Vertical	Pass
1880.000	-36.94	3.77	-13.0	23.94	309.40	Horizontal	Vertical	Pass
3052.000	-46.66	8.73	-13.0	33.66	301.60	Horizontal	Vertical	Pass
3761.000	-39.53	11.72	-13.0	26.53	360.00	Horizontal	Vertical	Pass
5109.000	-40.28	14.93	-13.0	27.28	359.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.21.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

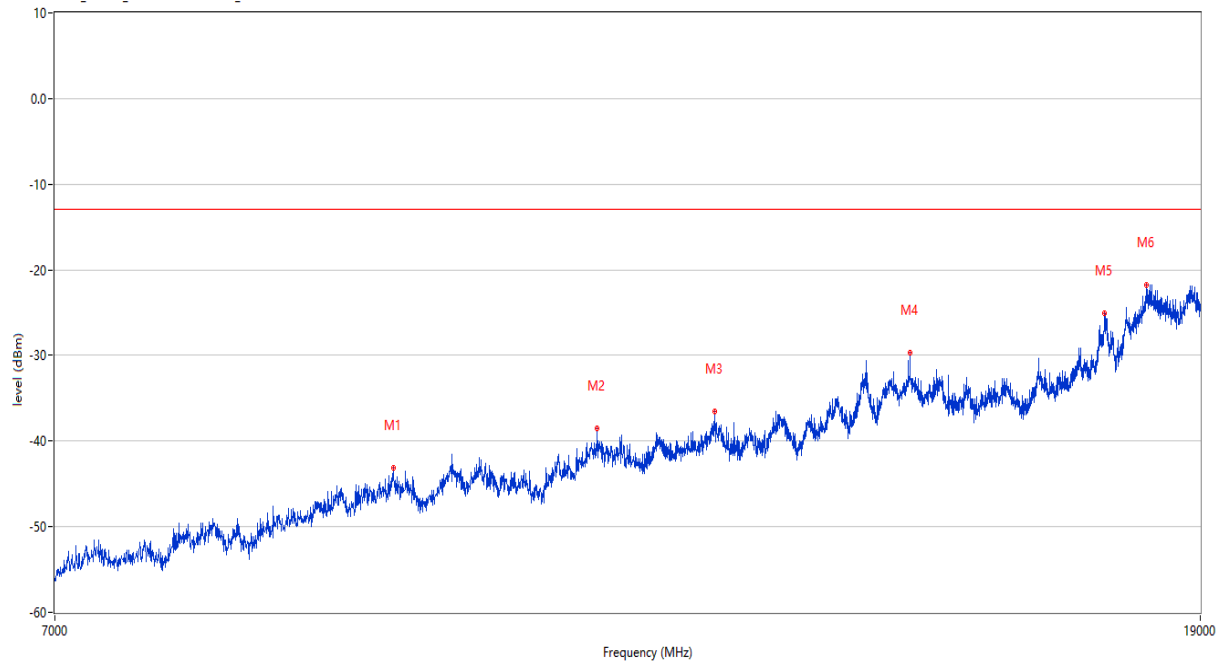
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9403.000	-43.08	28.10	-13.0	30.08	360.00	Horizontal	Vertical	Pass
11233.000	-38.50	31.08	-13.0	25.50	44.70	Horizontal	Vertical	Pass
12445.000	-36.55	32.50	-13.0	23.55	15.30	Horizontal	Vertical	Pass
14755.000	-29.63	39.31	-13.0	16.63	0.00	Horizontal	Vertical	Pass
17476.000	-25.09	44.30	-13.0	12.09	147.10	Horizontal	Vertical	Pass
18133.000	-21.72	46.19	-13.0	8.72	285.10	Horizontal	Vertical	Pass

1.2 LTE-B2-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.15.28

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

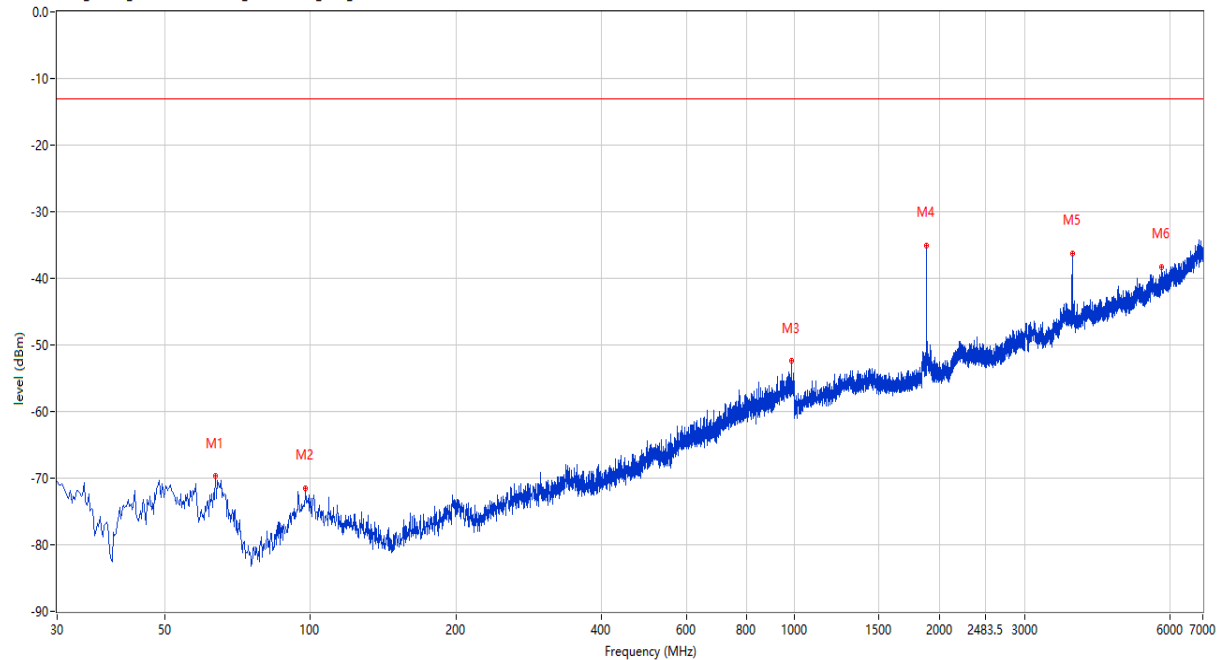
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.708	-69.72	-16.57	-13.0	56.72	0.00	Vertical	Vertical	Pass
97.900	-71.58	-13.74	-13.0	58.58	0.00	Vertical	Vertical	Pass
989.088	-52.43	2.04	-13.0	39.43	266.10	Vertical	Vertical	Pass
1880.000	-35.02	3.71	-13.0	22.02	357.60	Vertical	Vertical	Pass
3760.000	-36.26	11.55	-13.0	23.26	161.00	Vertical	Vertical	Pass
5751.000	-38.29	15.79	-13.0	25.29	292.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_11.31.52

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

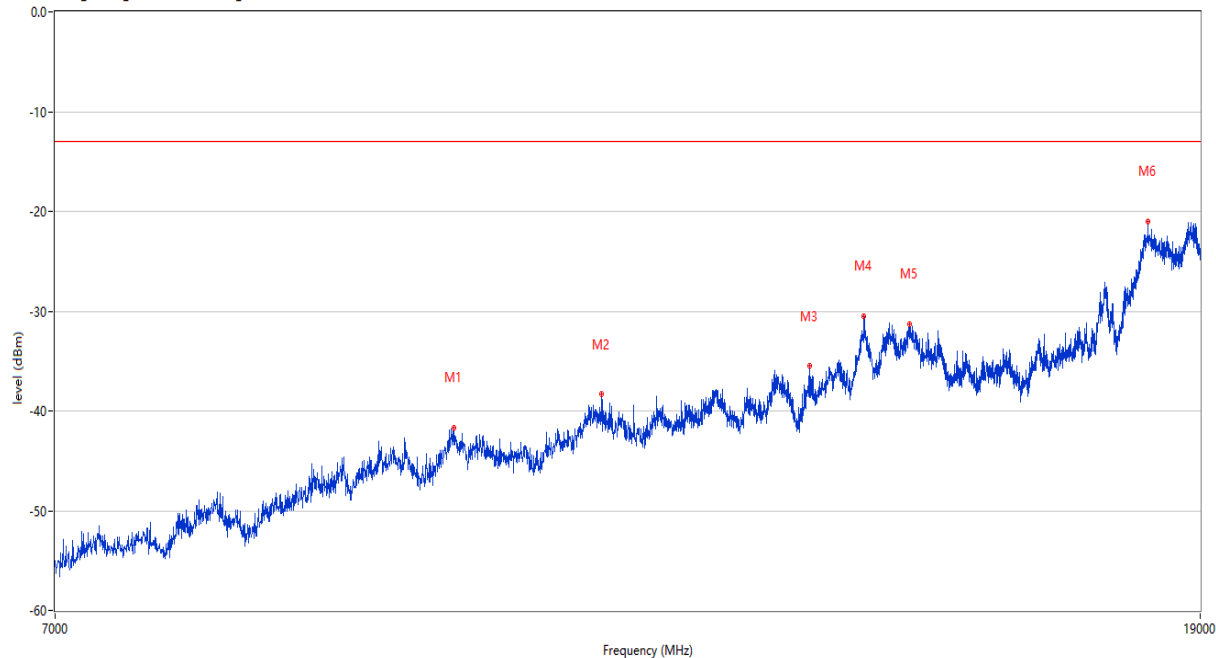
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9910.000	-41.64	29.96	-13.0	28.64	168.30	Vertical	Vertical	Pass
11275.000	-38.27	31.82	-13.0	25.27	45.80	Vertical	Vertical	Pass
13519.000	-35.49	36.14	-13.0	22.49	178.00	Vertical	Vertical	Pass
14167.000	-30.46	39.90	-13.0	17.46	45.80	Vertical	Vertical	Pass
14746.000	-31.29	39.72	-13.0	18.29	293.80	Vertical	Vertical	Pass
18151.000	-20.98	46.98	-13.0	7.98	189.50	Vertical	Vertical	Pass

1.3 LTE-B2-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.50.24

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

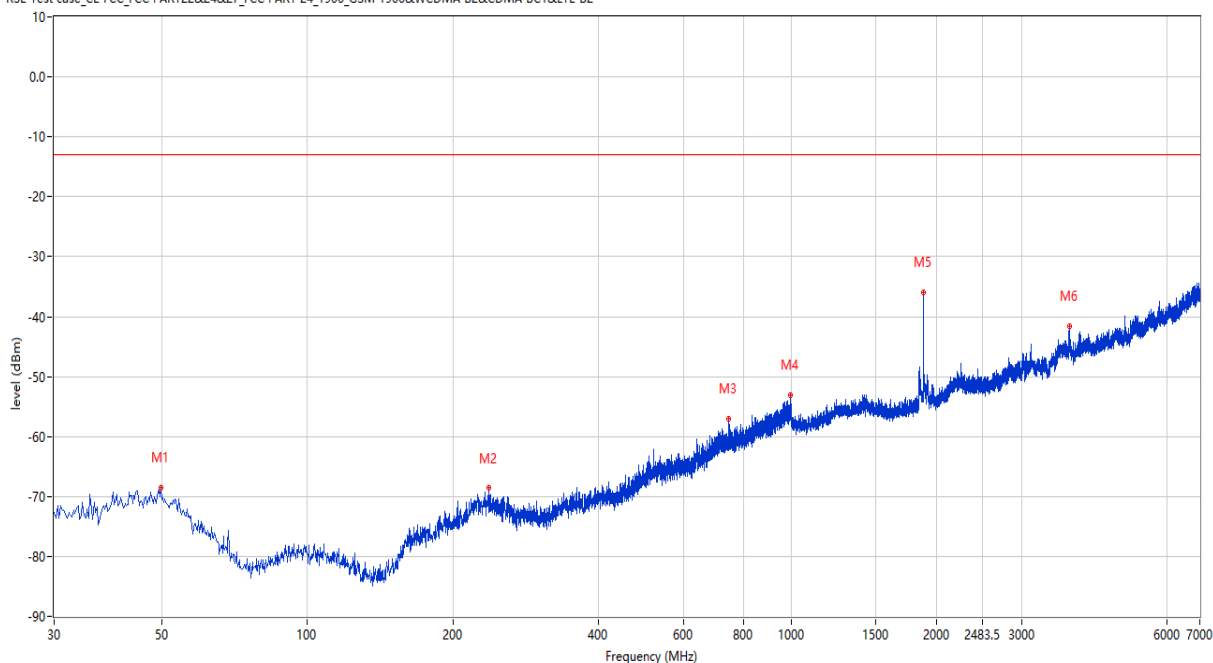
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.885	-68.45	-10.34	-13.0	55.45	5.40	Horizontal	Vertical	Pass
237.822	-68.56	-11.76	-13.0	55.56	357.00	Horizontal	Vertical	Pass
744.890	-56.98	-2.26	-13.0	43.98	277.30	Horizontal	Vertical	Pass
999.030	-53.08	2.28	-13.0	40.08	326.80	Horizontal	Vertical	Pass
1879.500	-35.87	3.77	-13.0	22.87	302.00	Horizontal	Vertical	Pass
3760.000	-41.55	11.71	-13.0	28.55	0.30	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.23.35

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

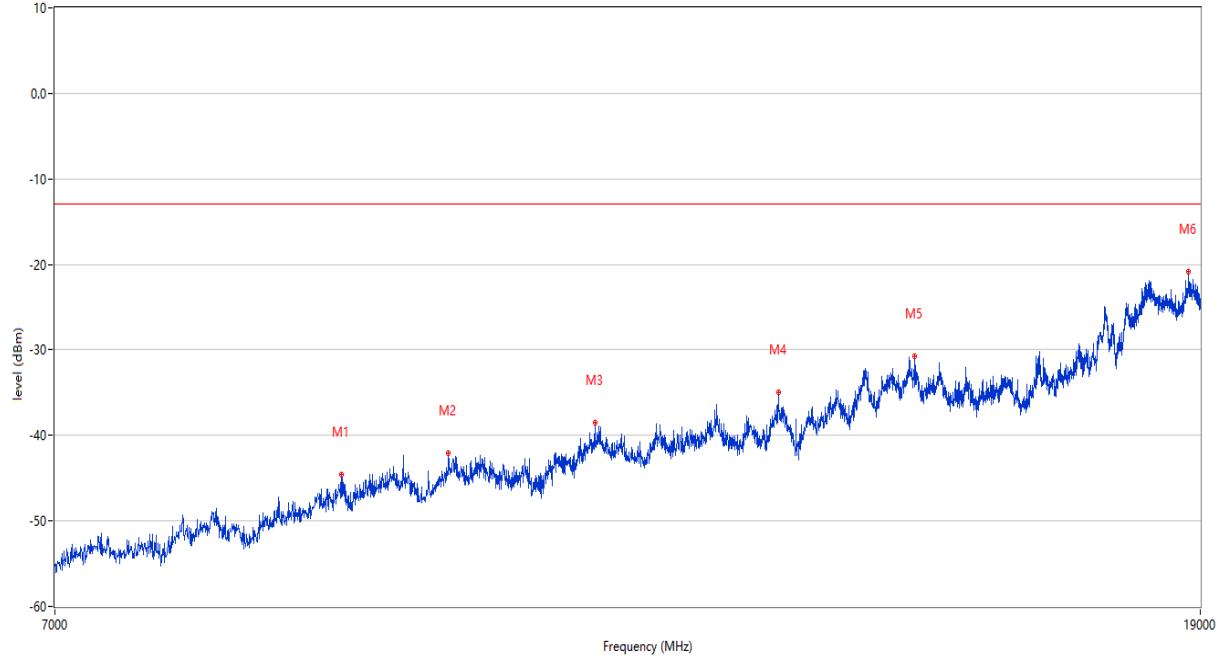
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8986.000	-44.57	28.42	-13.0	31.57	325.30	Horizontal	Vertical	Pass
9865.000	-42.07	28.58	-13.0	29.07	180.40	Horizontal	Vertical	Pass
11212.000	-38.55	30.59	-13.0	25.55	44.90	Horizontal	Vertical	Pass
13153.000	-34.98	34.00	-13.0	21.98	160.70	Horizontal	Vertical	Pass
14812.000	-30.73	38.41	-13.0	17.73	360.00	Horizontal	Vertical	Pass
18811.001	-20.90	47.07	-13.0	7.90	294.80	Horizontal	Vertical	Pass

1.4 LTE-B2-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.28.00

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

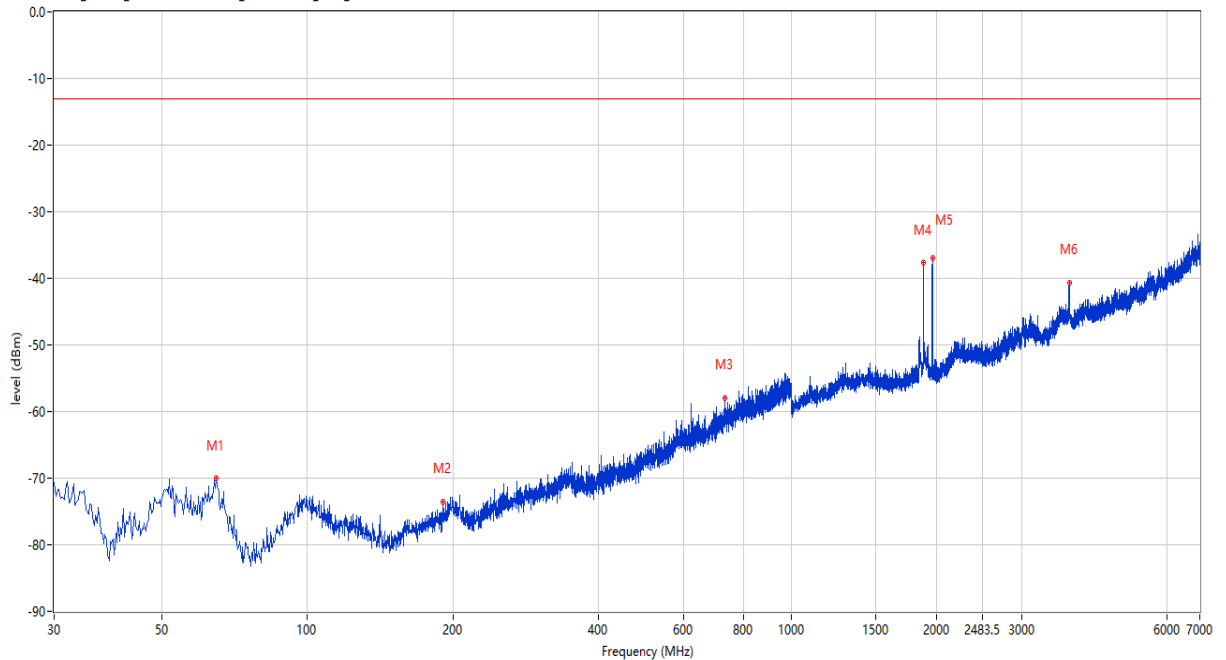
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
64.920	-70.02	-17.30	-13.0	57.02	0.00	Vertical	Vertical	Pass
191.020	-73.53	-15.95	-13.0	60.53	360.00	Vertical	Vertical	Pass
730.340	-57.96	-2.76	-13.0	44.96	354.60	Vertical	Vertical	Pass
1879.000	-37.68	3.70	-13.0	24.68	0.30	Vertical	Vertical	Pass
1961.000	-36.87	0.87	-13.0	23.87	291.90	Vertical	Vertical	Pass
3760.000	-40.63	11.55	-13.0	27.63	212.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_11.34.12

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

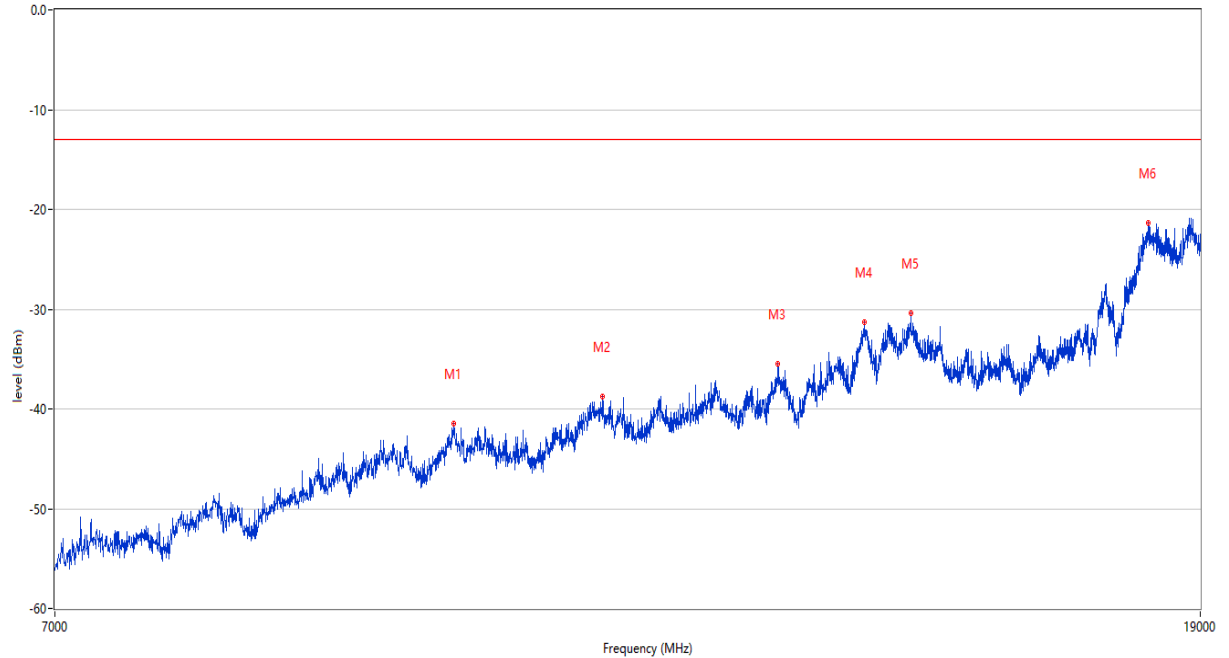
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9913.000	-41.49	29.97	-13.0	28.49	293.70	Vertical	Vertical	Pass
11287.000	-38.77	31.89	-13.0	25.77	17.60	Vertical	Vertical	Pass
13150.000	-35.51	34.34	-13.0	22.51	360.00	Vertical	Vertical	Pass
14173.000	-31.26	40.03	-13.0	18.26	314.50	Vertical	Vertical	Pass
14767.000	-30.38	39.79	-13.0	17.38	168.30	Vertical	Vertical	Pass
18162.999	-21.31	47.00	-13.0	8.31	92.00	Vertical	Vertical	Pass

1.5 LTE-B2-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.55.48

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

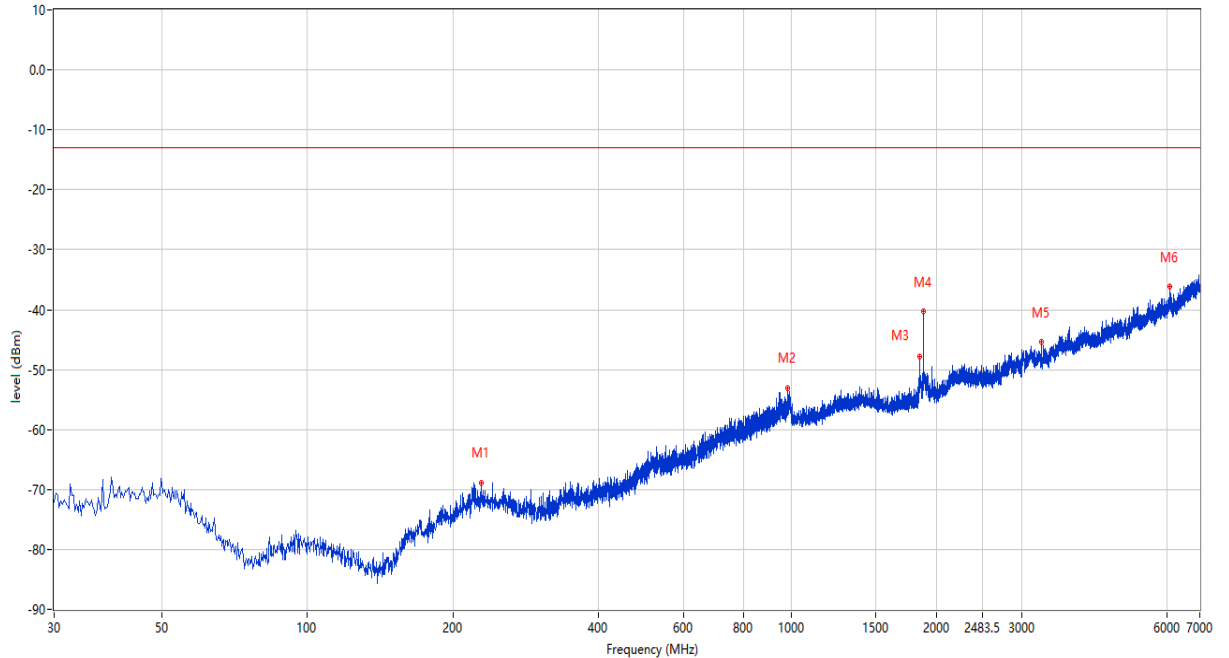
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
228.850	-68.88	-11.78	-13.0	55.88	0.00	Horizontal	Vertical	Pass
983.510	-53.00	1.95	-13.0	40.00	202.10	Horizontal	Vertical	Pass
1842.500	-47.87	3.56	-13.0	34.87	284.60	Horizontal	Vertical	Pass
1880.000	-40.36	3.77	-13.0	27.36	284.60	Horizontal	Vertical	Pass
3296.000	-45.42	8.57	-13.0	32.42	321.40	Horizontal	Vertical	Pass
6079.000	-36.23	17.06	-13.0	23.23	196.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.25.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

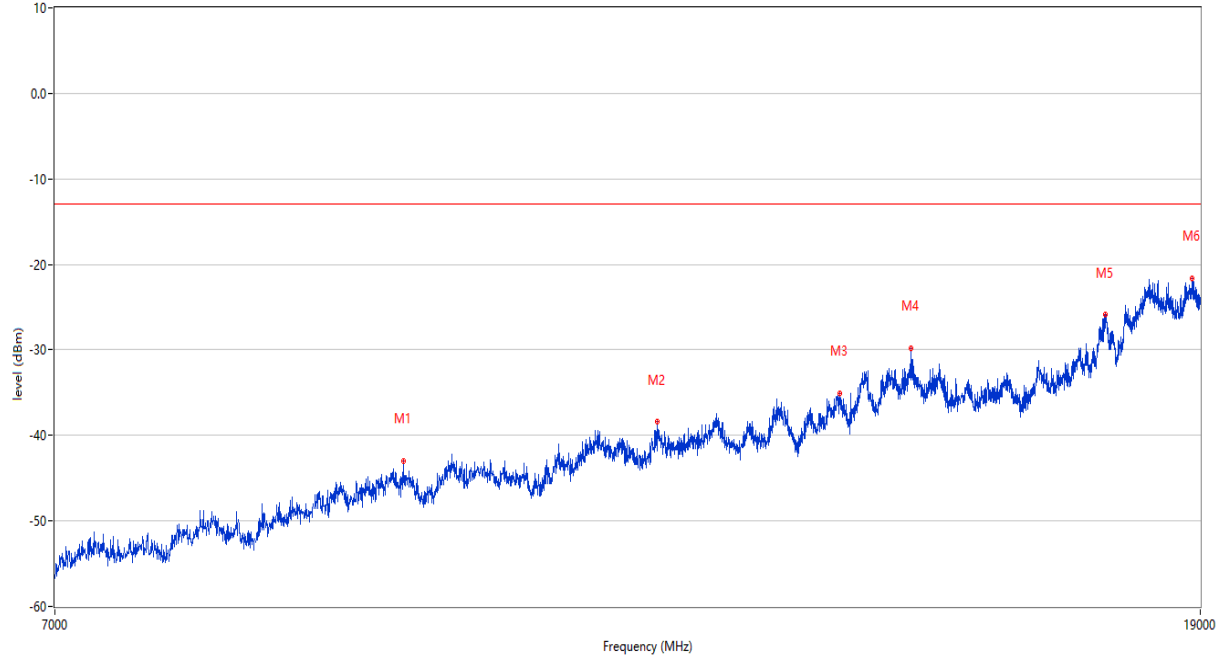
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9487.000	-42.98	28.02	-13.0	29.98	270.30	Horizontal	Vertical	Pass
11830.000	-38.44	31.61	-13.0	25.44	76.00	Horizontal	Vertical	Pass
13879.000	-35.04	35.21	-13.0	22.04	200.00	Horizontal	Vertical	Pass
14770.000	-29.75	39.16	-13.0	16.75	261.00	Horizontal	Vertical	Pass
17497.000	-25.87	45.10	-13.0	12.87	0.00	Horizontal	Vertical	Pass
18862.000	-21.65	47.13	-13.0	8.65	46.20	Horizontal	Vertical	Pass

1.6 LTE-B2-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.31.10

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

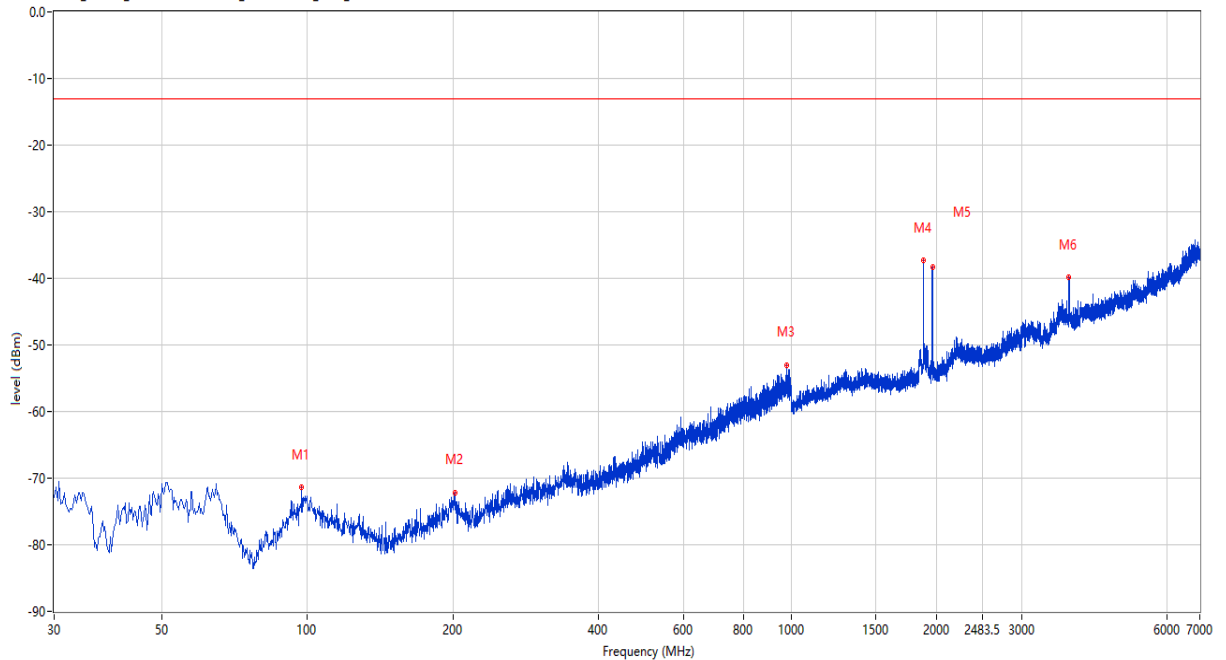
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.415	-71.40	-13.98	-13.0	58.40	114.30	Vertical	Vertical	Pass
201.932	-72.27	-14.79	-13.0	59.27	360.00	Vertical	Vertical	Pass
977.932	-53.05	1.74	-13.0	40.05	0.00	Vertical	Vertical	Pass
1880.000	-37.33	3.71	-13.0	24.33	360.00	Vertical	Vertical	Pass
1961.500	-38.30	0.86	-13.0	25.30	281.60	Vertical	Vertical	Pass
3757.000	-39.88	11.53	-13.0	26.88	173.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_11.36.35

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

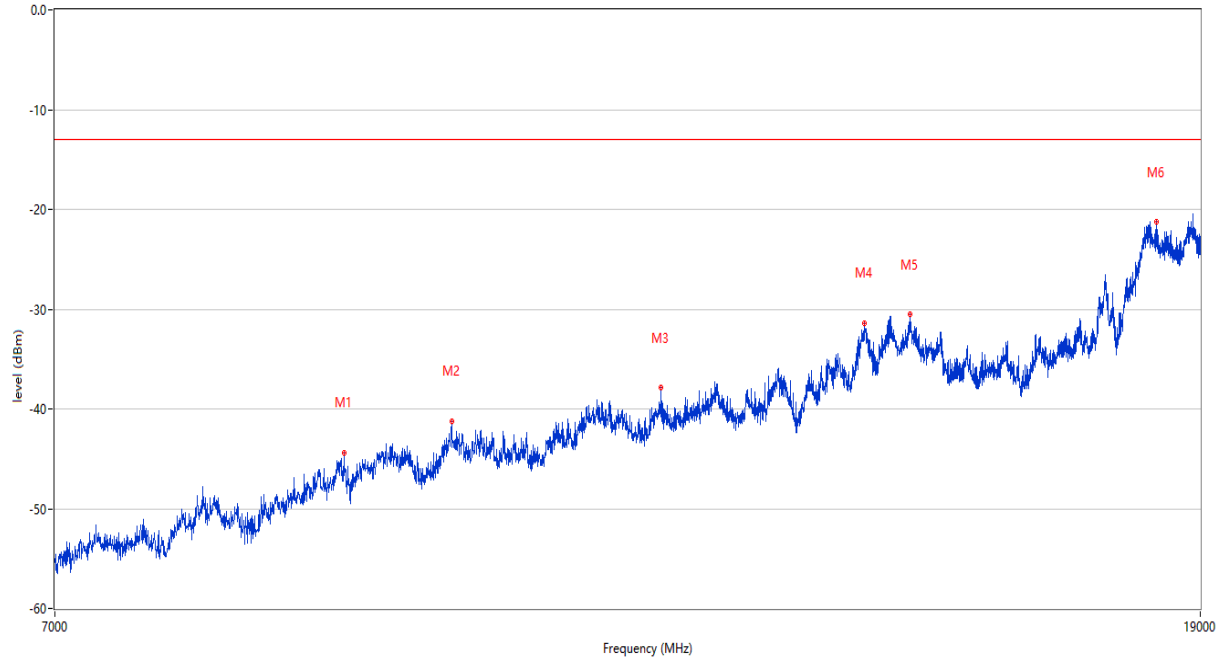
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9007.000	-44.45	28.17	-13.0	31.45	270.60	Vertical	Vertical	Pass
9892.000	-41.21	29.74	-13.0	28.21	240.00	Vertical	Vertical	Pass
11875.000	-37.80	32.15	-13.0	24.80	360.00	Vertical	Vertical	Pass
14176.000	-31.47	40.09	-13.0	18.47	270.60	Vertical	Vertical	Pass
14749.000	-30.48	39.80	-13.0	17.48	137.70	Vertical	Vertical	Pass
18294.999	-21.21	47.17	-13.0	8.21	270.60	Vertical	Vertical	Pass

1.7 LTE-B2-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.59.20

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

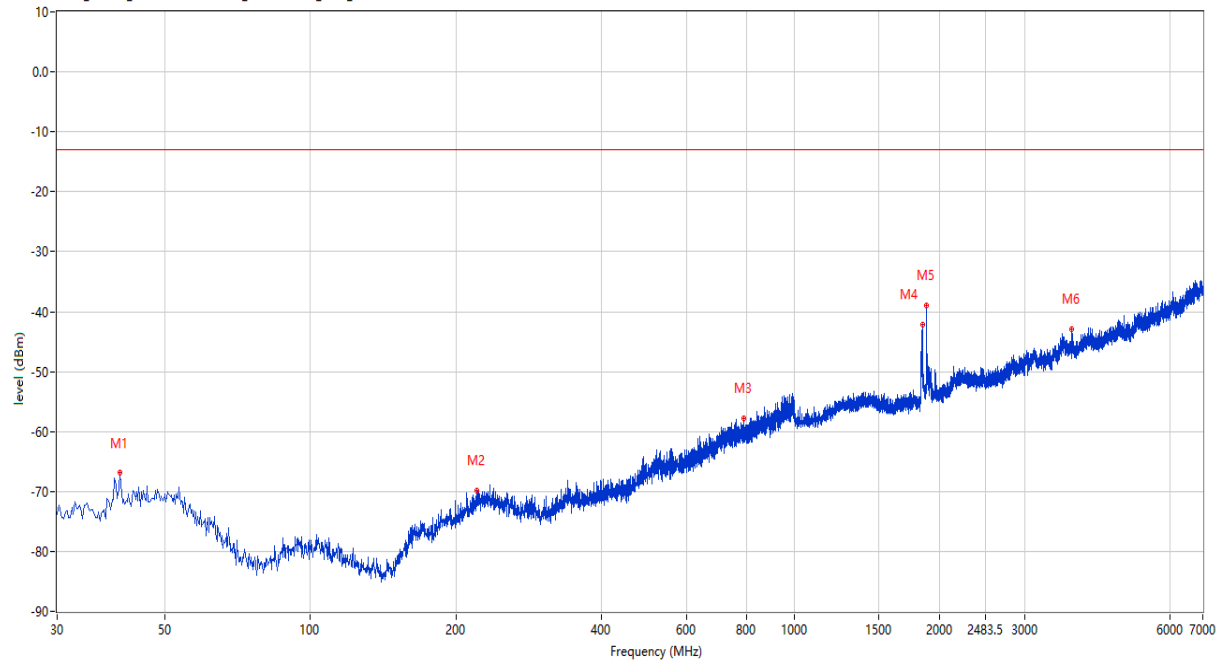
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27 FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
40.428	-66.89	-11.82	-13.0	53.89	237.80	Horizontal	Vertical	Pass
221.333	-69.82	-11.86	-13.0	56.82	266.80	Horizontal	Vertical	Pass
787.327	-57.74	-2.07	-13.0	44.74	0.00	Horizontal	Vertical	Pass
1842.000	-42.18	3.56	-13.0	29.18	277.10	Horizontal	Vertical	Pass
1880.000	-38.91	3.77	-13.0	25.91	277.10	Horizontal	Vertical	Pass
3755.000	-42.83	11.66	-13.0	29.83	0.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.27.47

EUT Name: SIMCom LTE Smart Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

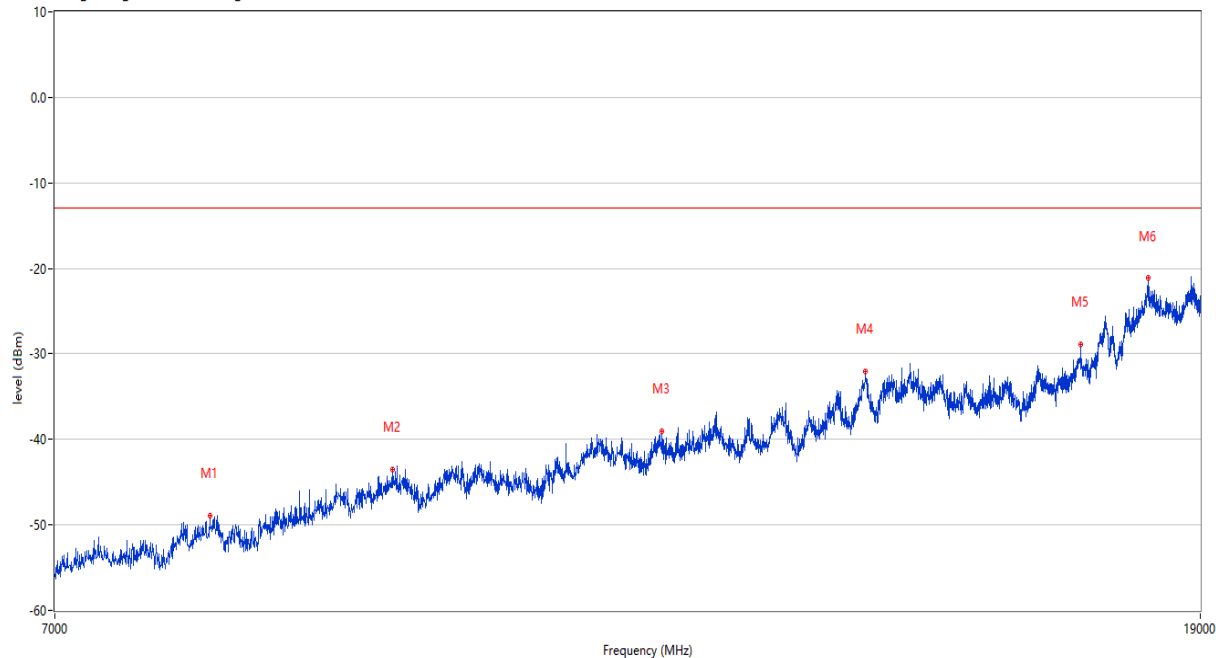
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8011.000	-48.90	23.48	-13.0	35.90	360.00	Horizontal	Vertical	Pass
9394.000	-43.55	28.06	-13.0	30.55	343.90	Horizontal	Vertical	Pass
11881.000	-39.10	32.01	-13.0	26.10	133.60	Horizontal	Vertical	Pass
14188.000	-32.02	39.46	-13.0	19.02	9.00	Horizontal	Vertical	Pass
17116.000	-28.87	39.99	-13.0	15.87	61.80	Horizontal	Vertical	Pass
18154.000	-21.05	46.22	-13.0	8.05	133.60	Horizontal	Vertical	Pass

1.8 LTE-B2-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.34.17

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

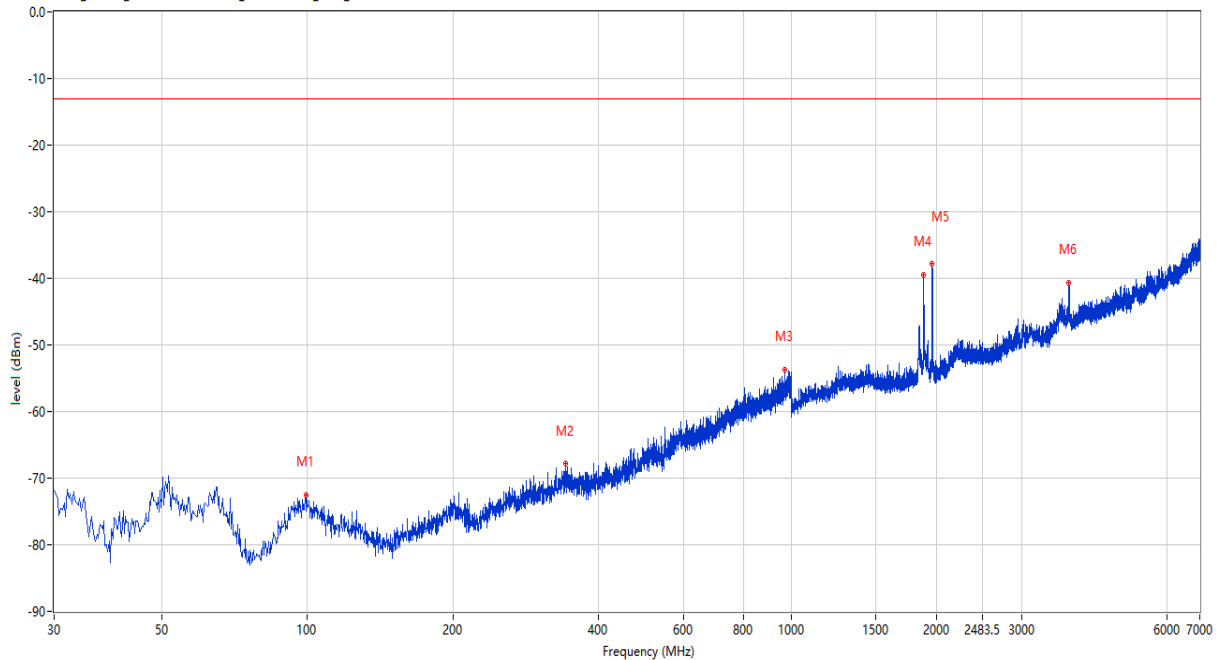
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.355	-72.46	-13.94	-13.0	59.46	343.90	Vertical	Vertical	Pass
341.855	-67.81	-10.04	-13.0	54.81	27.60	Vertical	Vertical	Pass
970.415	-53.67	1.53	-13.0	40.67	134.10	Vertical	Vertical	Pass
1879.500	-39.47	3.71	-13.0	26.47	0.00	Vertical	Vertical	Pass
1959.500	-37.85	0.89	-13.0	24.85	253.00	Vertical	Vertical	Pass
3756.000	-40.62	11.52	-13.0	27.62	136.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_11.56.40

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

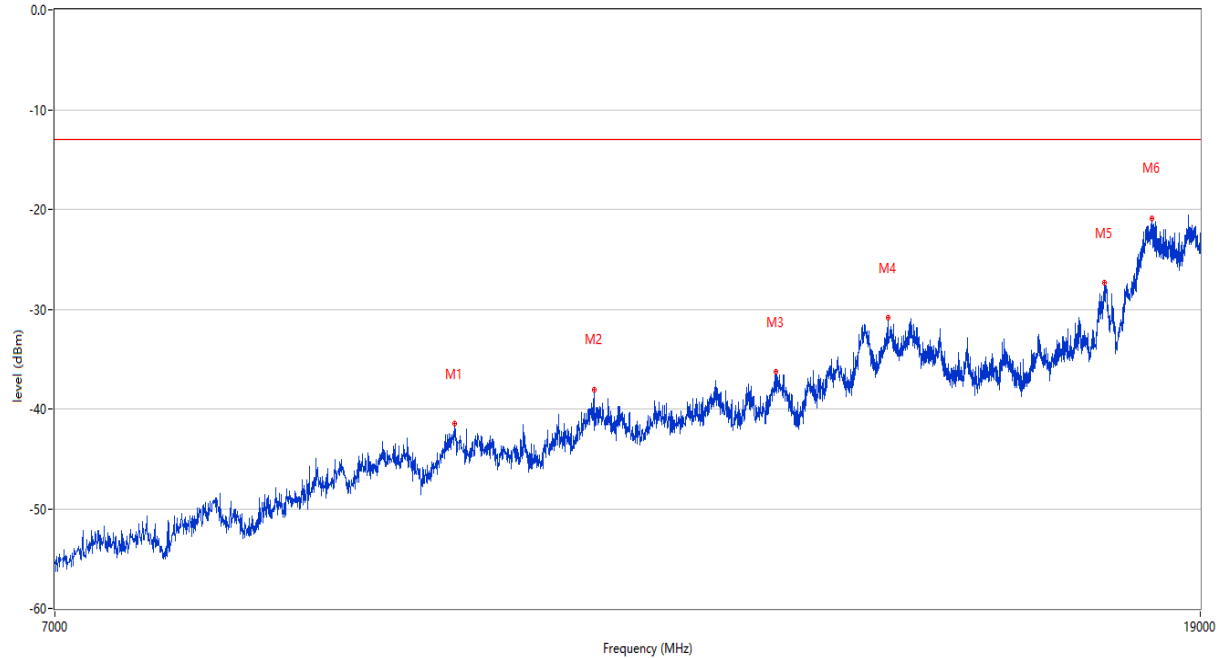
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9916.000	-41.47	29.98	-13.0	28.47	208.50	Vertical	Vertical	Pass
11200.000	-38.04	30.86	-13.0	25.04	1.10	Vertical	Vertical	Pass
13126.000	-36.26	34.40	-13.0	23.26	229.70	Vertical	Vertical	Pass
14470.000	-30.82	38.69	-13.0	17.82	229.70	Vertical	Vertical	Pass
17472.999	-27.33	42.40	-13.0	14.33	95.80	Vertical	Vertical	Pass
18219.999	-20.92	47.07	-13.0	7.92	187.70	Vertical	Vertical	Pass

1.9 LTE-B2-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_11.03.55

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

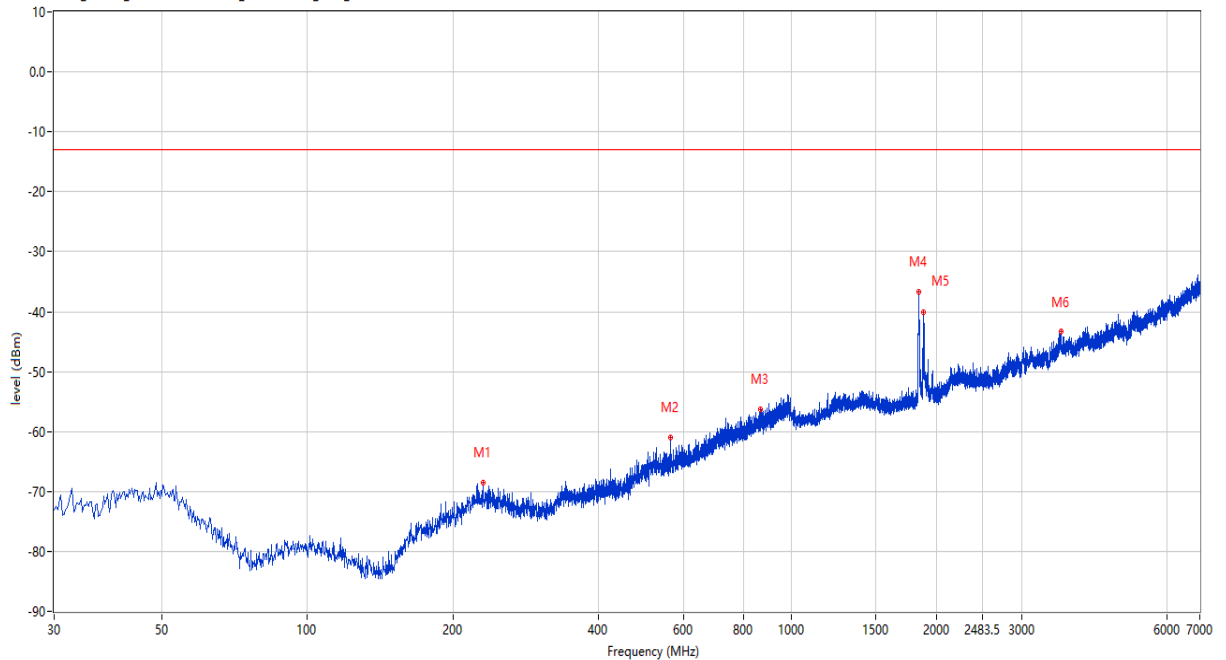
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
231.032	-68.44	-11.77	-13.0	55.44	240.40	Horizontal	Vertical	Pass
564.227	-60.98	-6.39	-13.0	47.98	104.90	Horizontal	Vertical	Pass
864.927	-56.29	-0.33	-13.0	43.29	4.00	Horizontal	Vertical	Pass
1835.500	-36.71	0.16	-13.0	23.71	301.30	Horizontal	Vertical	Pass
1879.500	-40.03	3.77	-13.0	27.03	301.30	Horizontal	Vertical	Pass
3615.000	-43.31	12.02	-13.0	30.31	40.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.29.16

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8509.000	-47.48	23.60	-13.0	34.48	4.90	Horizontal	Vertical	Pass
9901.000	-41.89	29.25	-13.0	28.89	221.10	Horizontal	Vertical	Pass
12436.000	-38.08	32.41	-13.0	25.08	221.10	Horizontal	Vertical	Pass
14761.000	-31.09	39.31	-13.0	18.09	356.30	Horizontal	Vertical	Pass
17487.999	-24.75	44.92	-13.0	11.75	148.50	Horizontal	Vertical	Pass
18795.999	-21.59	47.05	-13.0	8.59	96.40	Horizontal	Vertical	Pass

1.10 LTE-B2-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.37.08

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

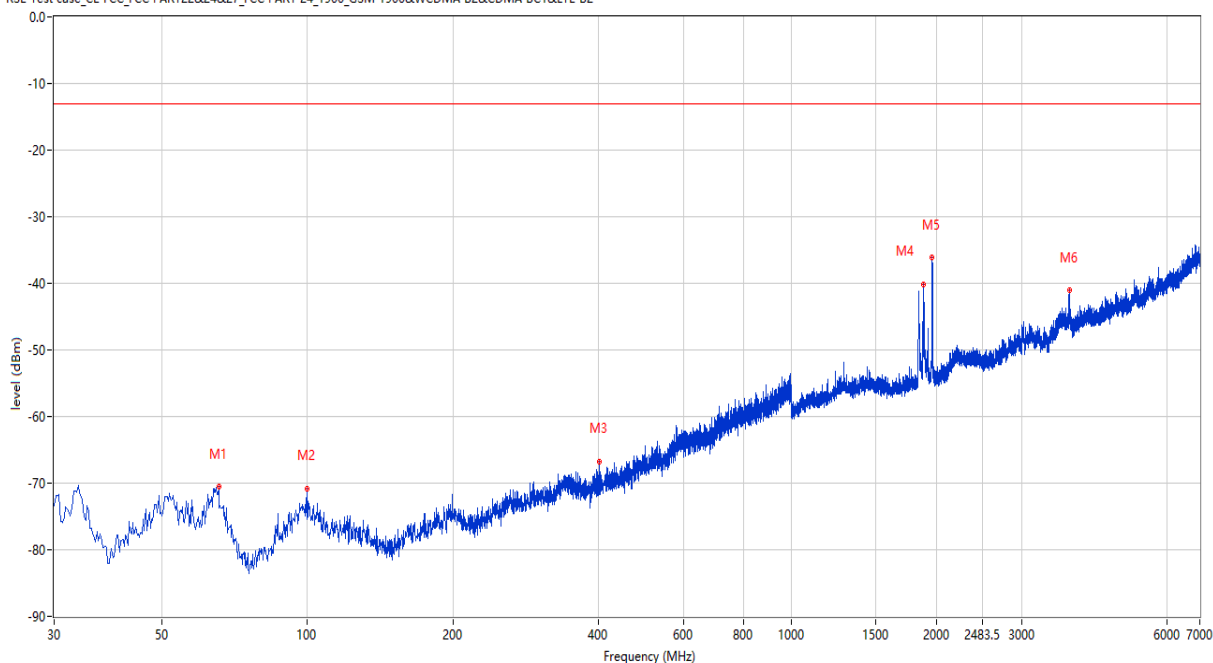
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.647	-70.55	-17.83	-13.0	57.55	25.00	Vertical	Vertical	Pass
100.082	-70.79	-14.08	-13.0	57.79	153.00	Vertical	Vertical	Pass
401.753	-66.78	-10.24	-13.0	53.78	297.70	Vertical	Vertical	Pass
1879.000	-40.11	3.70	-13.0	27.11	358.40	Vertical	Vertical	Pass
1959.000	-36.07	0.90	-13.0	23.07	269.60	Vertical	Vertical	Pass
3760.000	-41.06	11.55	-13.0	28.06	165.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_11.54.57

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

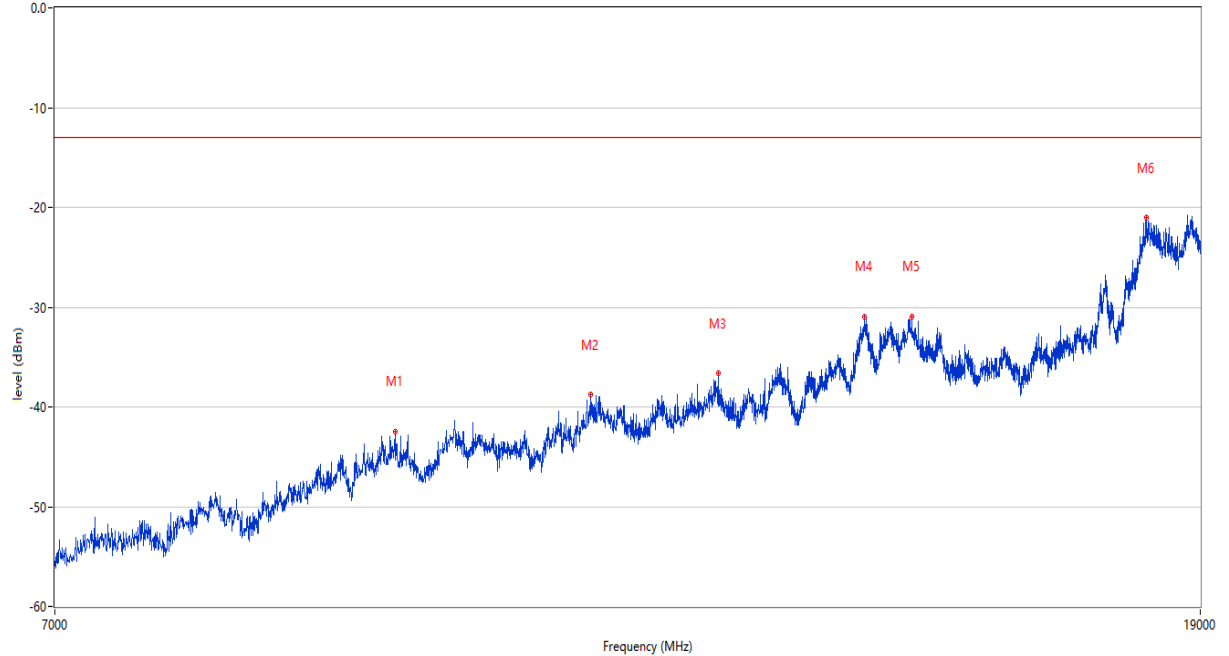
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9421.000	-42.44	28.02	-13.0	29.44	283.60	Vertical	Vertical	Pass
11170.000	-38.71	30.82	-13.0	25.71	230.40	Vertical	Vertical	Pass
12487.000	-36.62	32.45	-13.0	23.62	44.70	Vertical	Vertical	Pass
14176.000	-30.92	40.09	-13.0	17.92	0.00	Vertical	Vertical	Pass
14776.001	-31.01	39.59	-13.0	18.01	177.50	Vertical	Vertical	Pass
18127.000	-21.07	46.95	-13.0	8.07	324.90	Vertical	Vertical	Pass

1.11 LTE-B2-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.44.47

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

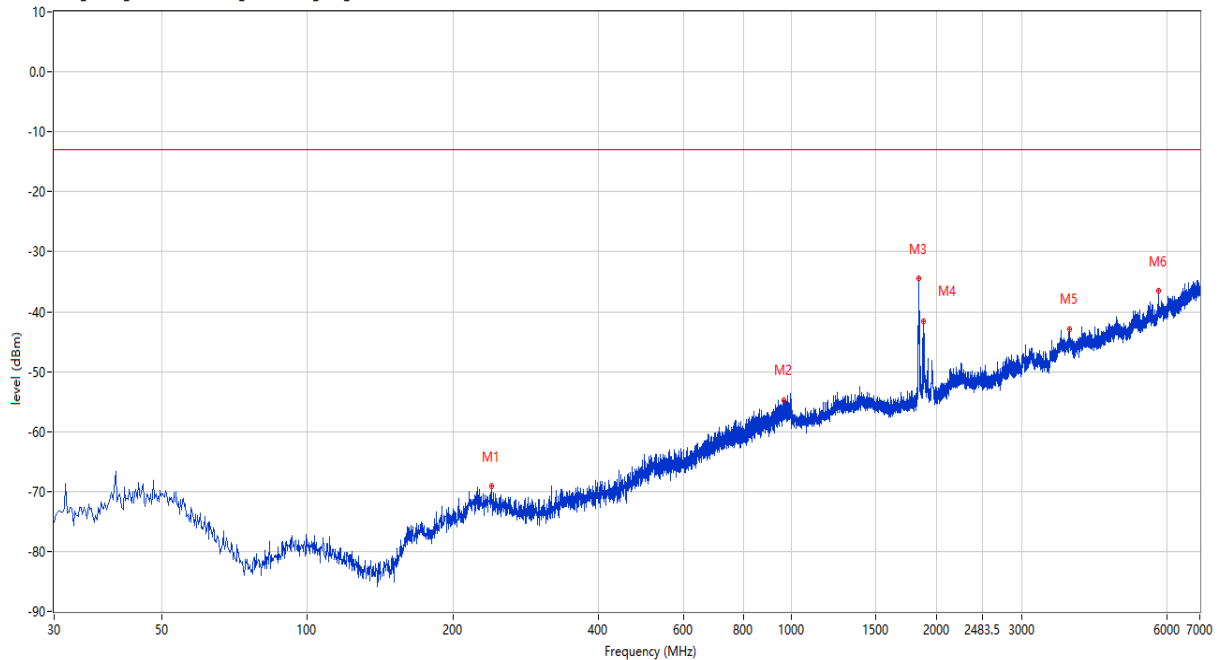
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 24_1900_GSM 1900&WCDMA B2&CDMA BC1<E B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
240.490	-69.17	-11.79	-13.0	56.17	309.20	Horizontal	Vertical	Pass
966.050	-54.71	1.57	-13.0	41.71	329.30	Horizontal	Vertical	Pass
1839.500	-34.53	0.62	-13.0	21.53	272.20	Horizontal	Vertical	Pass
1879.000	-41.63	3.76	-13.0	28.63	272.20	Horizontal	Vertical	Pass
3763.000	-42.85	11.74	-13.0	29.85	1.90	Horizontal	Vertical	Pass
5760.000	-36.57	16.21	-13.0	23.57	167.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.30.54

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8425.000	-47.33	23.57	-13.0	34.33	182.70	Horizontal	Vertical	Pass
10240.000	-41.89	28.51	-13.0	28.89	98.20	Horizontal	Vertical	Pass
13102.000	-35.03	34.11	-13.0	22.03	224.40	Horizontal	Vertical	Pass
15115.000	-31.58	36.83	-13.0	18.58	315.60	Horizontal	Vertical	Pass
17451.999	-25.59	42.82	-13.0	12.59	98.20	Horizontal	Vertical	Pass
18166.000	-21.52	46.23	-13.0	8.52	254.90	Horizontal	Vertical	Pass

1.12 LTE-B2-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_10.40.14

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

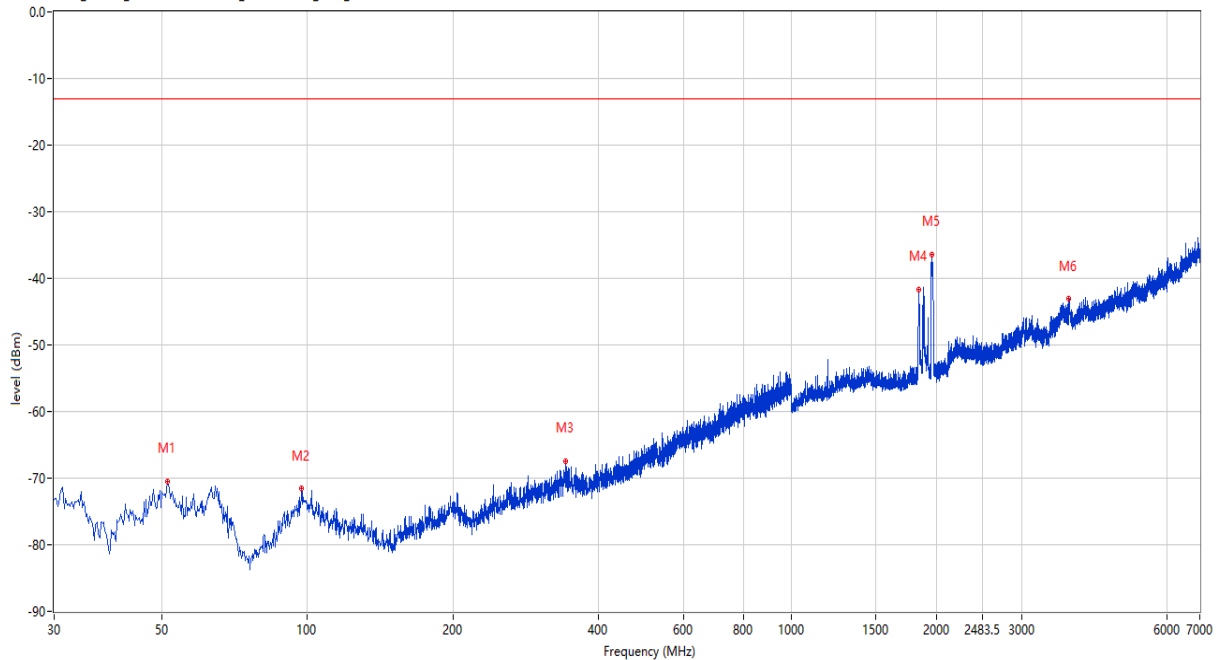
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.340	-70.52	-16.33	-13.0	57.52	345.80	Vertical	Vertical	Pass
97.415	-71.60	-13.98	-13.0	58.60	0.00	Vertical	Vertical	Pass
342.582	-67.41	-10.08	-13.0	54.41	284.70	Vertical	Vertical	Pass
1838.500	-41.76	0.39	-13.0	28.76	129.40	Vertical	Vertical	Pass
1957.000	-36.42	0.94	-13.0	23.42	298.70	Vertical	Vertical	Pass
3750.000	-43.13	11.47	-13.0	30.13	188.10	Vertical	Vertical	Pass

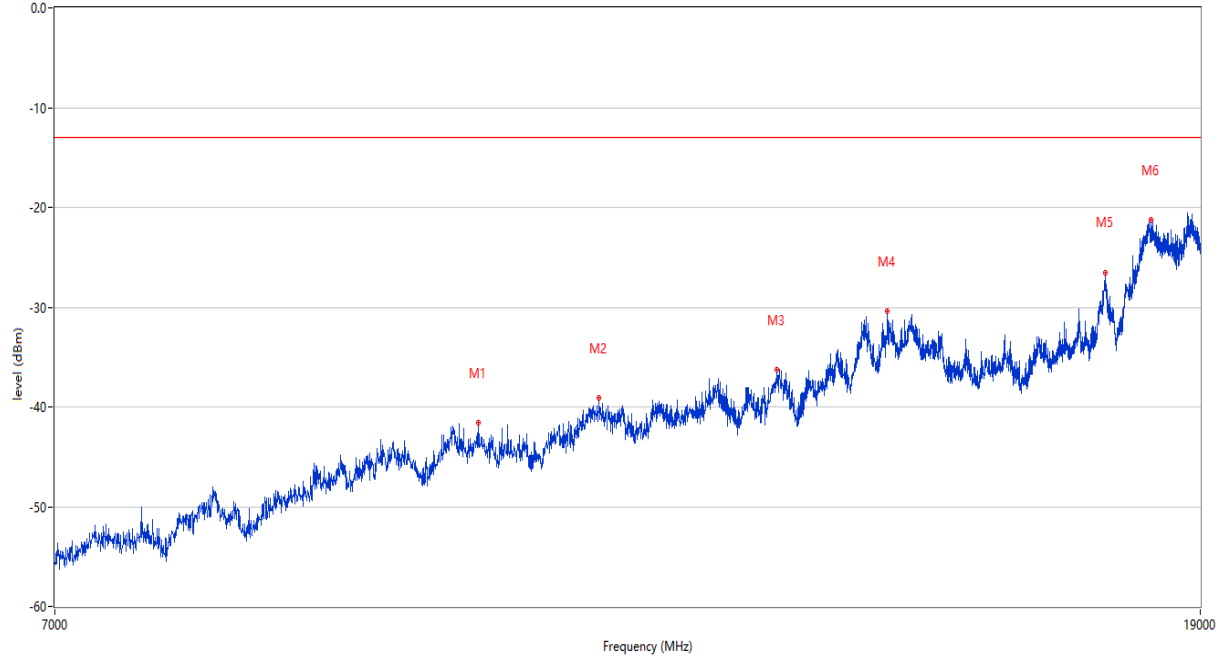
Test result

Project Number: Certification

Test Time: 2023-09-14_11.53.24

EUT Name:	SIMCom LTE Smart Module	Test Engineer:	LYG
Manufacturer:	N.A	Test Standard:	FCC
Model:	N.A	Work Addition:	TX
Temp.(oC):	25.1	Load:	Full load
Hum.:	52%	Remark:	DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10129.000	-41.57	28.95	-13.0	28.57	7.70	Vertical	Vertical	Pass
11251.000	-39.09	31.64	-13.0	26.09	0.00	Vertical	Vertical	Pass
13132.000	-36.27	34.39	-13.0	23.27	250.00	Vertical	Vertical	Pass
14467.000	-30.39	38.64	-13.0	17.39	137.20	Vertical	Vertical	Pass
17487.999	-26.53	43.13	-13.0	13.53	1.60	Vertical	Vertical	Pass
18198.999	-21.25	47.05	-13.0	8.25	337.40	Vertical	Vertical	Pass

2 LTE B4

2.1 LTE-B4-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.18.16

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

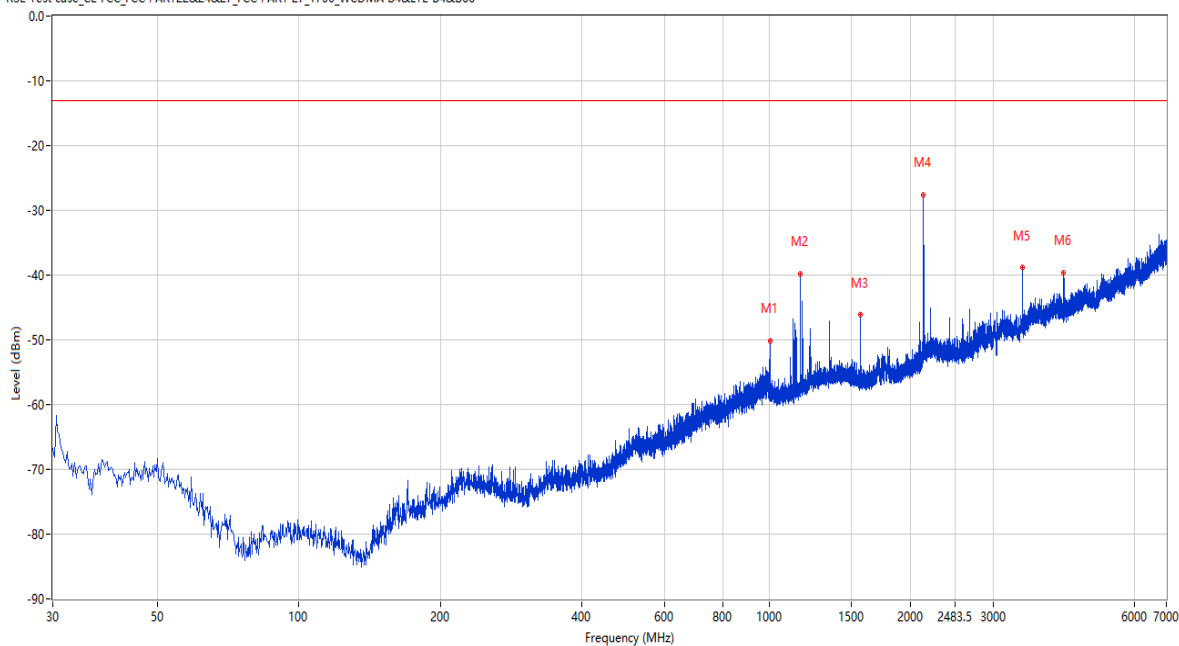
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1006.750	-50.11	-2.21	-13.0	37.11	330.30	Horizontal	Vertical	Pass
1167.250	-39.80	-1.62	-13.0	26.80	305.70	Horizontal	Vertical	Pass
1566.000	-46.15	-0.97	-13.0	33.15	56.10	Horizontal	Vertical	Pass
2132.500	-27.62	3.20	-13.0	14.62	56.10	Horizontal	Vertical	Pass
3465.000	-38.88	9.78	-13.0	25.88	266.60	Horizontal	Vertical	Pass
4237.500	-39.61	11.74	-13.0	26.61	25.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.50.34

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

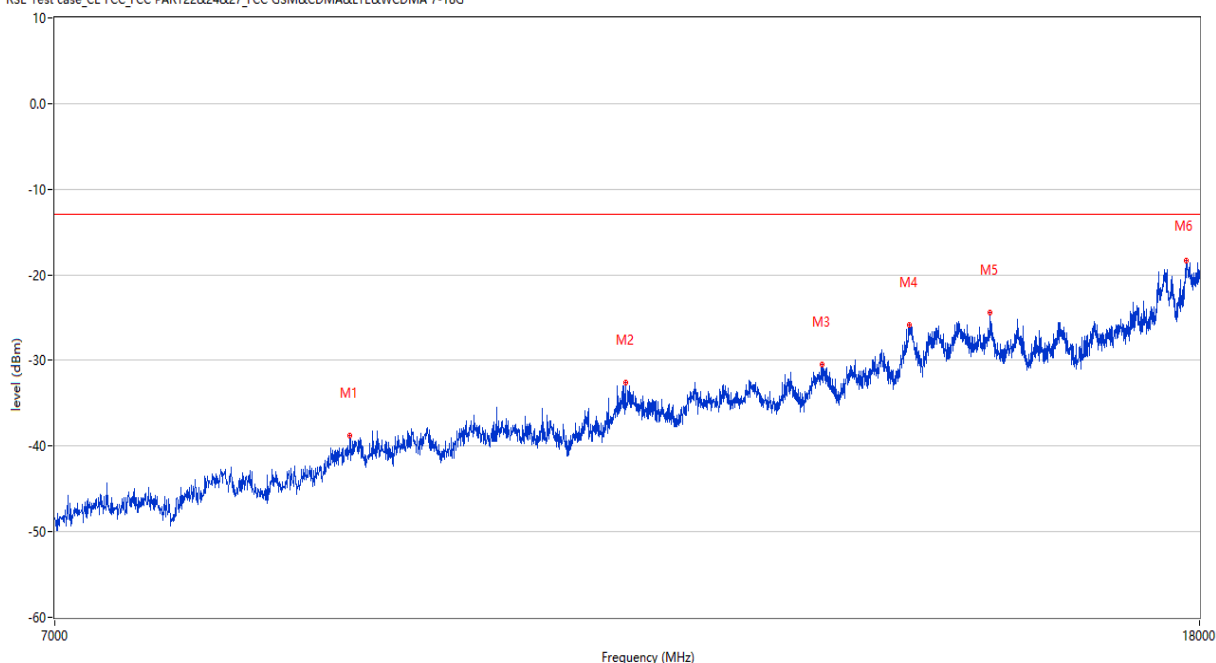
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8930.500	-38.72	26.78	-13.0	25.72	190.80	Horizontal	Vertical	Pass
11210.250	-32.61	30.55	-13.0	19.61	255.50	Horizontal	Vertical	Pass
13179.250	-30.51	33.99	-13.0	17.51	36.10	Horizontal	Vertical	Pass
14172.000	-25.90	39.00	-13.0	12.90	108.50	Horizontal	Vertical	Pass
15145.500	-24.36	37.31	-13.0	11.36	57.00	Horizontal	Vertical	Pass
17804.751	-18.28	44.43	-13.0	5.28	47.30	Horizontal	Vertical	Pass

2.2 LTE-B4-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_09.50.58

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

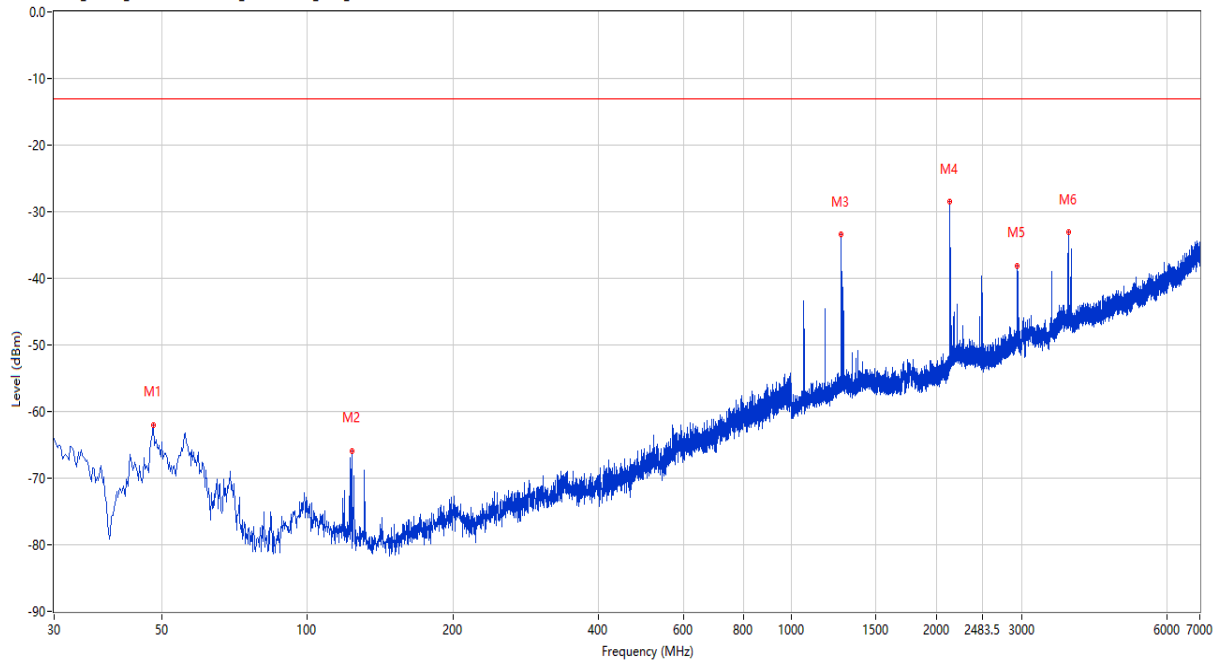
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.187	-61.99	-17.23	-13.0	48.99	339.10	Vertical	Vertical	Pass
123.605	-65.87	-17.97	-13.0	52.87	217.70	Vertical	Vertical	Pass
1272.000	-33.41	-0.44	-13.0	20.41	58.30	Vertical	Vertical	Pass
2132.750	-28.49	2.72	-13.0	15.49	58.30	Vertical	Vertical	Pass
2935.500	-38.10	7.44	-13.0	25.10	299.80	Vertical	Vertical	Pass
3743.000	-33.06	11.49	-13.0	20.06	24.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.37.49

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

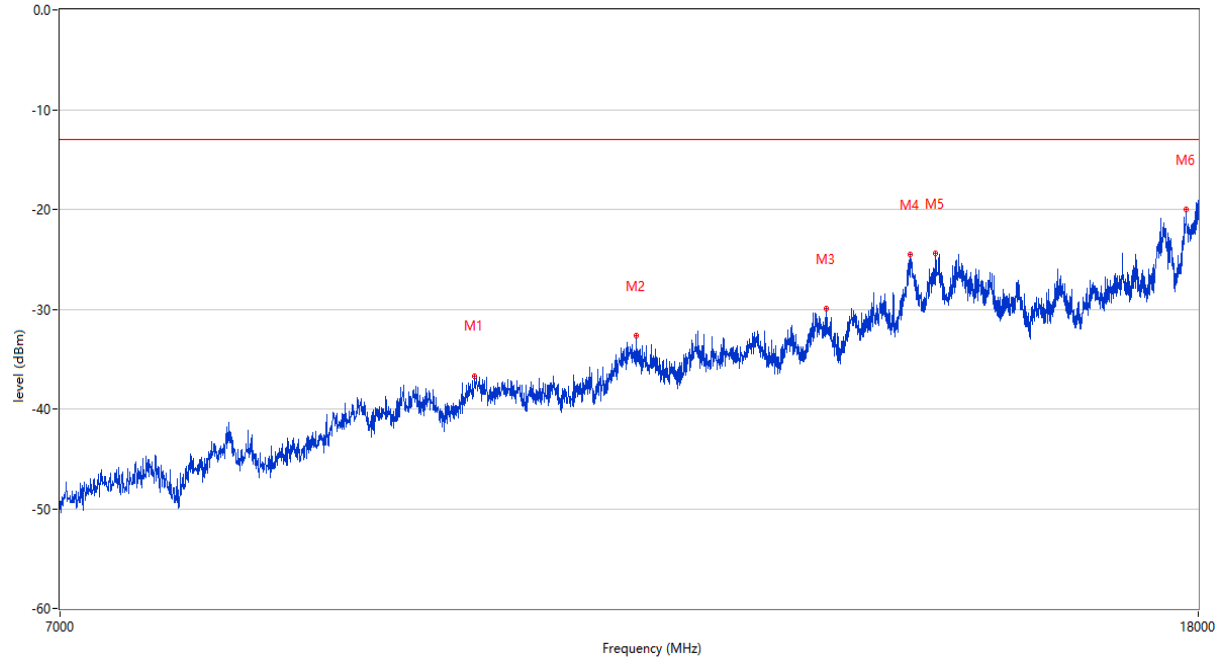
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9873.750	-36.74	29.35	-13.0	23.74	0.00	Vertical	Vertical	Pass
11295.500	-32.67	31.78	-13.0	19.67	106.20	Vertical	Vertical	Pass
13215.000	-29.92	33.88	-13.0	16.92	127.00	Vertical	Vertical	Pass
14174.750	-24.52	40.07	-13.0	11.52	0.00	Vertical	Vertical	Pass
14469.000	-24.40	38.68	-13.0	11.40	243.10	Vertical	Vertical	Pass
17824.000	-19.97	42.03	-13.0	6.97	157.50	Vertical	Vertical	Pass

2.3 LTE-B4-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.21.17

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

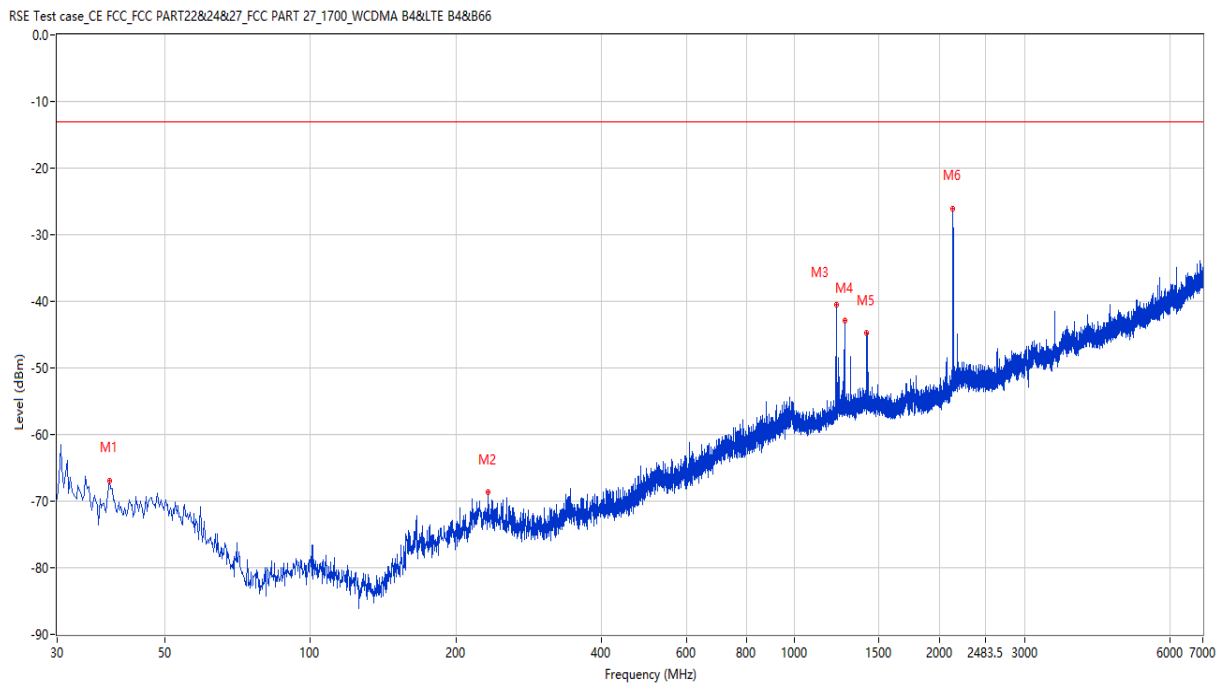
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
38.487	-66.91	-12.60	-13.0	53.91	123.30	Horizontal	Vertical	Pass
233.458	-68.68	-11.83	-13.0	55.68	359.50	Horizontal	Vertical	Pass
1226.000	-40.55	-0.84	-13.0	27.55	302.40	Horizontal	Vertical	Pass
1272.750	-42.84	-0.34	-13.0	29.84	302.40	Horizontal	Vertical	Pass
1415.500	-44.78	0.31	-13.0	31.78	194.80	Horizontal	Vertical	Pass
2133.000	-26.09	3.21	-13.0	13.09	4.60	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.52.09

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

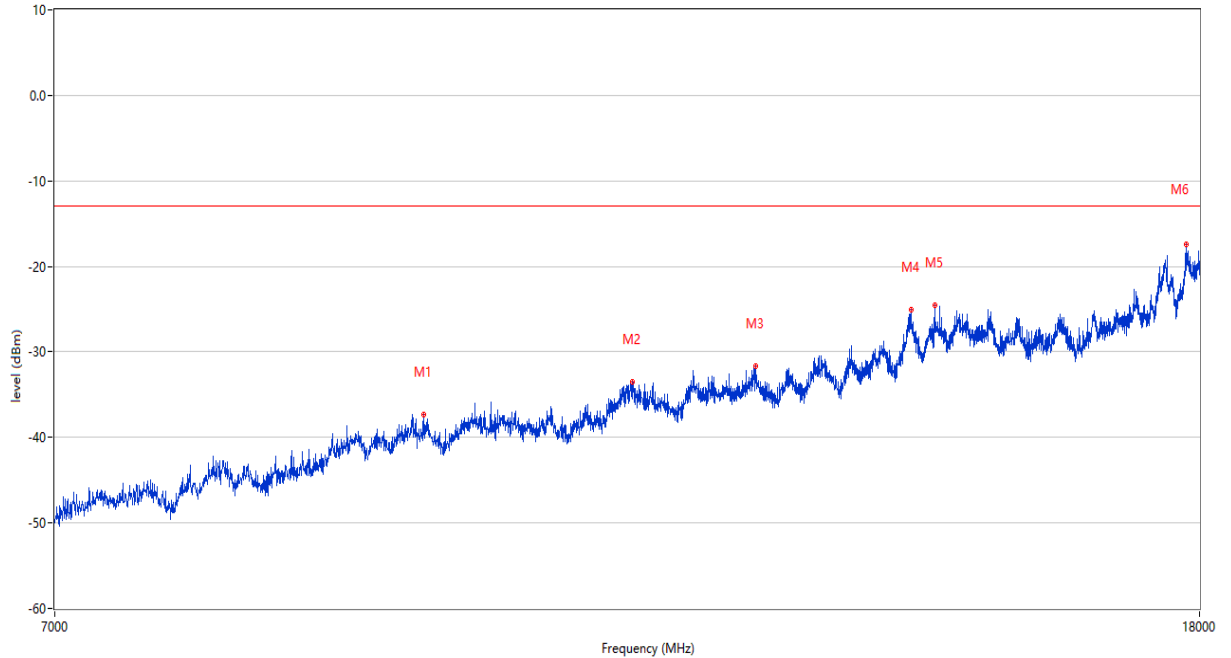
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9488.750	-37.34	28.07	-13.0	24.34	140.40	Horizontal	Vertical	Pass
11276.250	-33.45	31.57	-13.0	20.45	284.80	Horizontal	Vertical	Pass
12480.750	-31.65	32.34	-13.0	18.65	336.90	Horizontal	Vertical	Pass
14188.500	-25.02	39.44	-13.0	12.02	336.90	Horizontal	Vertical	Pass
14466.250	-24.59	37.62	-13.0	11.59	26.90	Horizontal	Vertical	Pass
17799.250	-17.37	44.45	-13.0	4.37	284.80	Horizontal	Vertical	Pass

2.4 LTE-B4-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_09.54.07

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

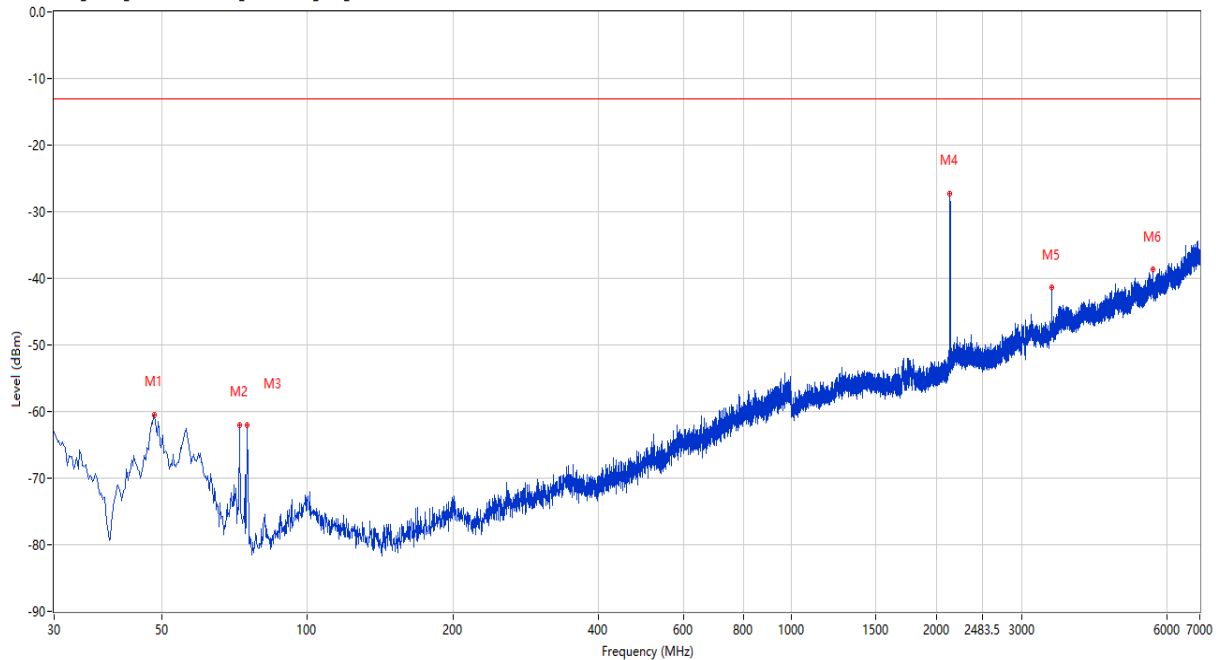
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.430	-60.49	-17.16	-13.0	47.49	360.00	Vertical	Vertical	Pass
72.438	-62.04	-21.84	-13.0	49.04	217.00	Vertical	Vertical	Pass
75.105	-61.98	-23.02	-13.0	48.98	217.00	Vertical	Vertical	Pass
2132.500	-27.22	2.71	-13.0	14.22	144.30	Vertical	Vertical	Pass
3466.500	-41.37	9.69	-13.0	28.37	209.30	Vertical	Vertical	Pass
5594.500	-38.70	15.47	-13.0	25.70	193.00	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.39.23

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

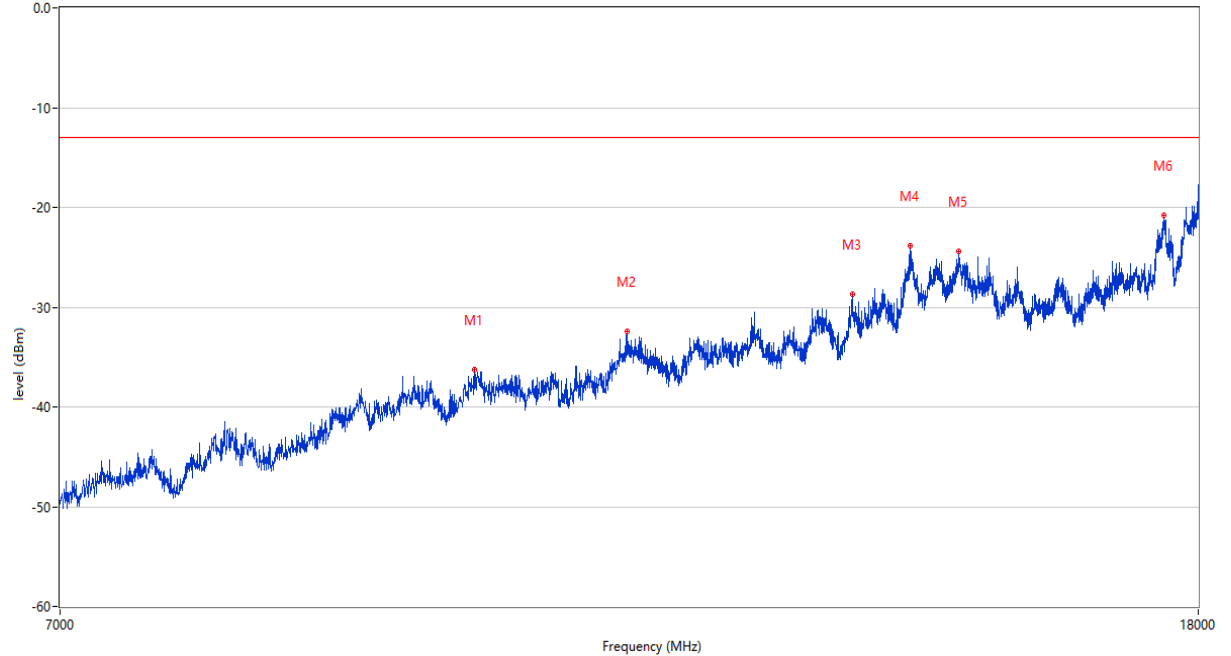
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9876.500	-36.27	29.41	-13.0	23.27	202.50	Vertical	Vertical	Pass
11210.250	-32.47	31.02	-13.0	19.47	256.10	Vertical	Vertical	Pass
13506.500	-28.70	36.26	-13.0	15.70	73.80	Vertical	Vertical	Pass
14169.250	-23.87	39.95	-13.0	10.87	213.30	Vertical	Vertical	Pass
14757.750	-24.42	39.84	-13.0	11.42	171.60	Vertical	Vertical	Pass
17488.501	-20.77	43.14	-13.0	7.77	0.00	Vertical	Vertical	Pass

2.5 LTE-B4-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.24.21

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

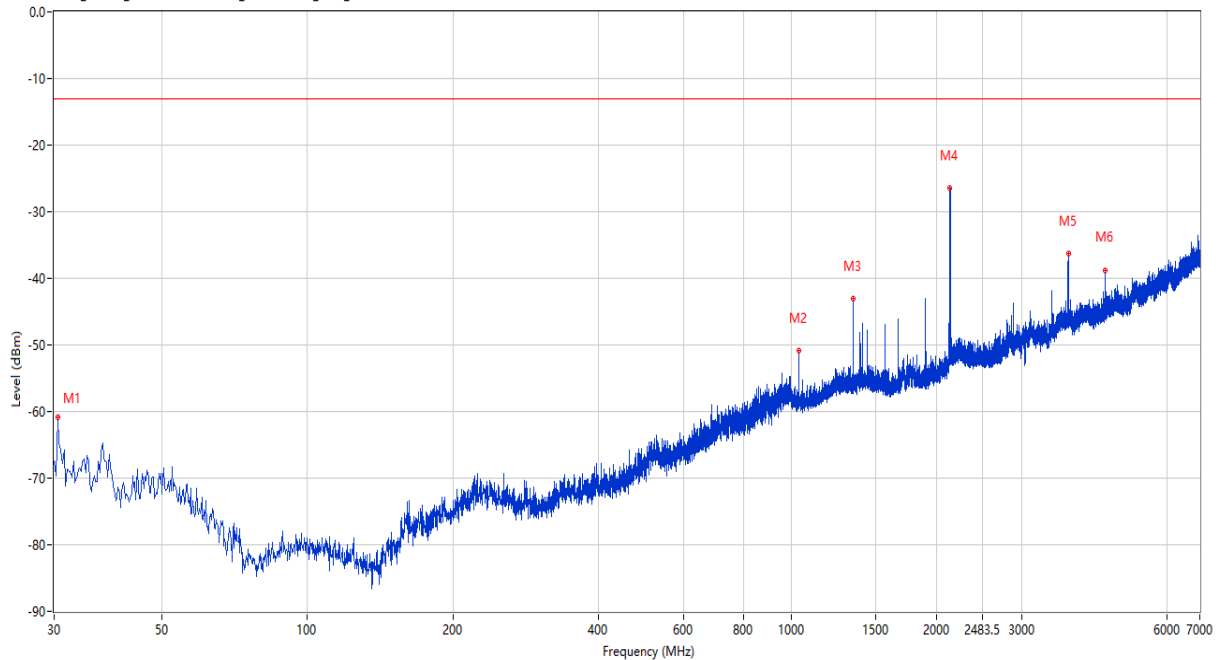
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.485	-60.79	-12.96	-13.0	47.79	195.70	Horizontal	Vertical	Pass
1039.000	-50.86	-2.48	-13.0	37.86	30.10	Horizontal	Vertical	Pass
1344.250	-43.07	-0.49	-13.0	30.07	287.50	Horizontal	Vertical	Pass
2133.000	-26.50	3.21	-13.0	13.50	47.50	Horizontal	Vertical	Pass
3744.000	-36.34	11.60	-13.0	23.34	0.70	Horizontal	Vertical	Pass
4454.000	-38.77	12.57	-13.0	25.77	289.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.54.16

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

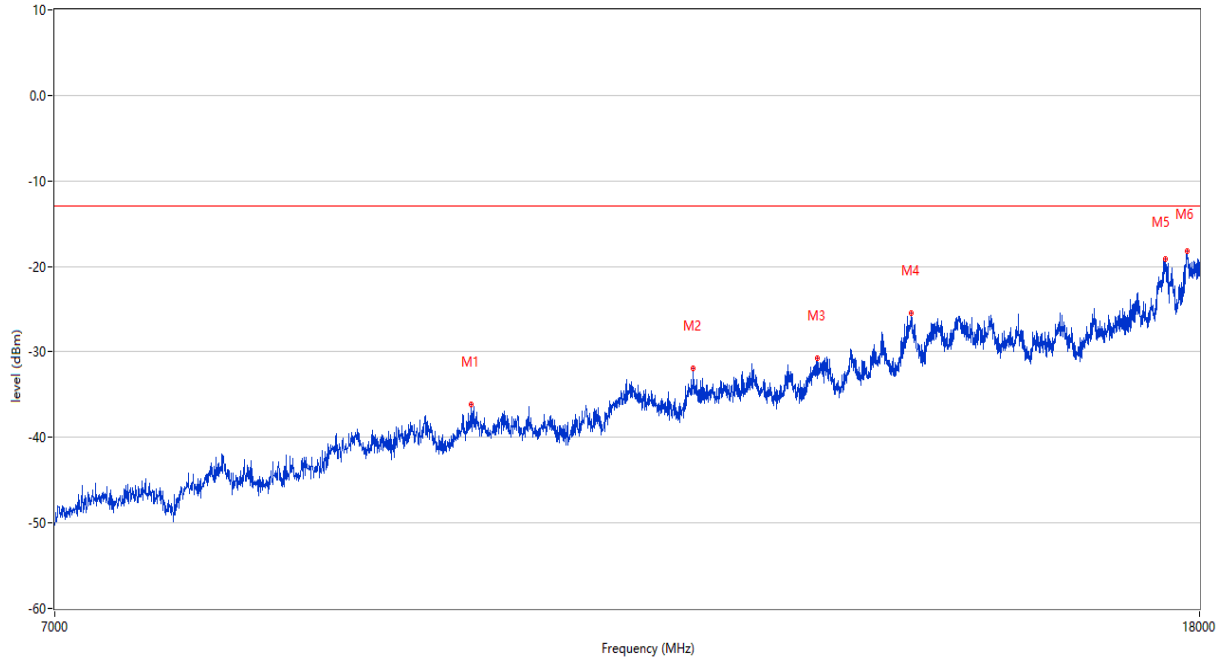
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9865.500	-36.15	28.59	-13.0	23.15	140.70	Horizontal	Vertical	Pass
11856.500	-31.94	32.18	-13.0	18.94	119.50	Horizontal	Vertical	Pass
13132.500	-30.80	34.04	-13.0	17.80	77.10	Horizontal	Vertical	Pass
14185.750	-25.44	39.39	-13.0	12.44	77.10	Horizontal	Vertical	Pass
17502.251	-19.13	45.02	-13.0	6.13	171.90	Horizontal	Vertical	Pass
17824.000	-18.26	44.20	-13.0	5.26	13.10	Horizontal	Vertical	Pass

2.6 LTE-B4-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.00.24

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

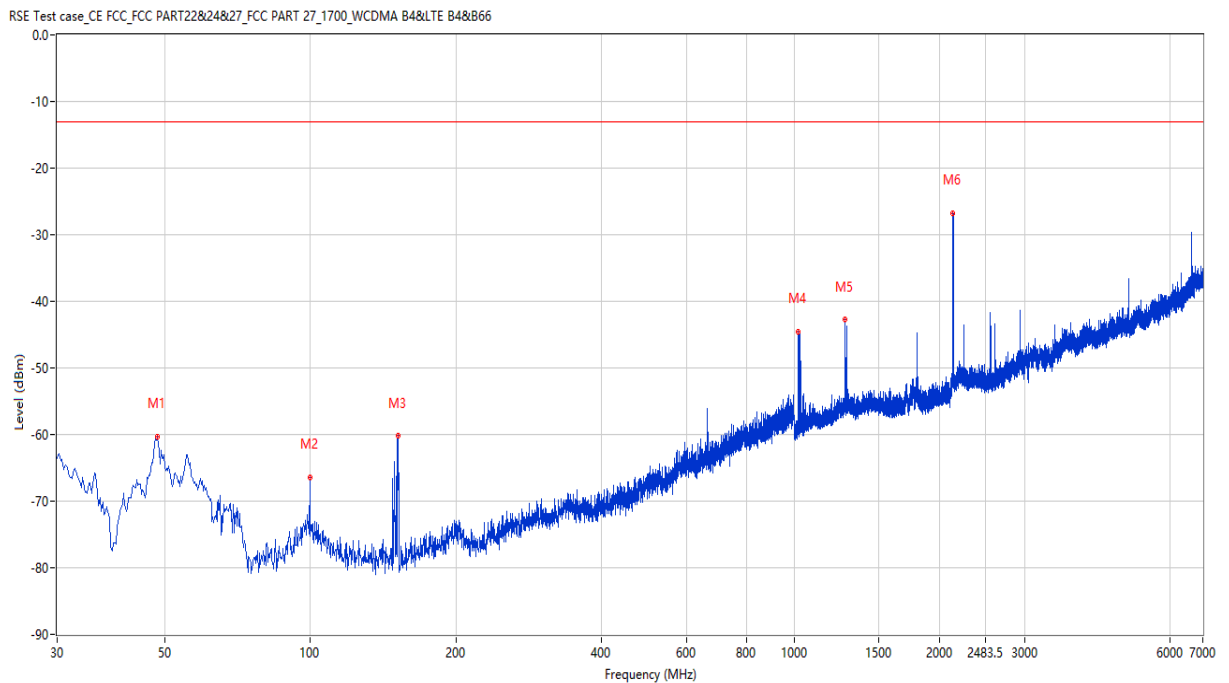
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.430	-60.30	-17.16	-13.0	47.30	54.80	Vertical	Vertical	Pass
99.840	-66.42	-14.06	-13.0	53.42	0.70	Vertical	Vertical	Pass
151.735	-60.20	-19.80	-13.0	47.20	184.60	Vertical	Vertical	Pass
1021.750	-44.54	-2.96	-13.0	31.54	140.90	Vertical	Vertical	Pass
1275.000	-42.74	-0.39	-13.0	29.74	149.40	Vertical	Vertical	Pass
2132.750	-26.75	2.72	-13.0	13.75	294.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.41.09

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

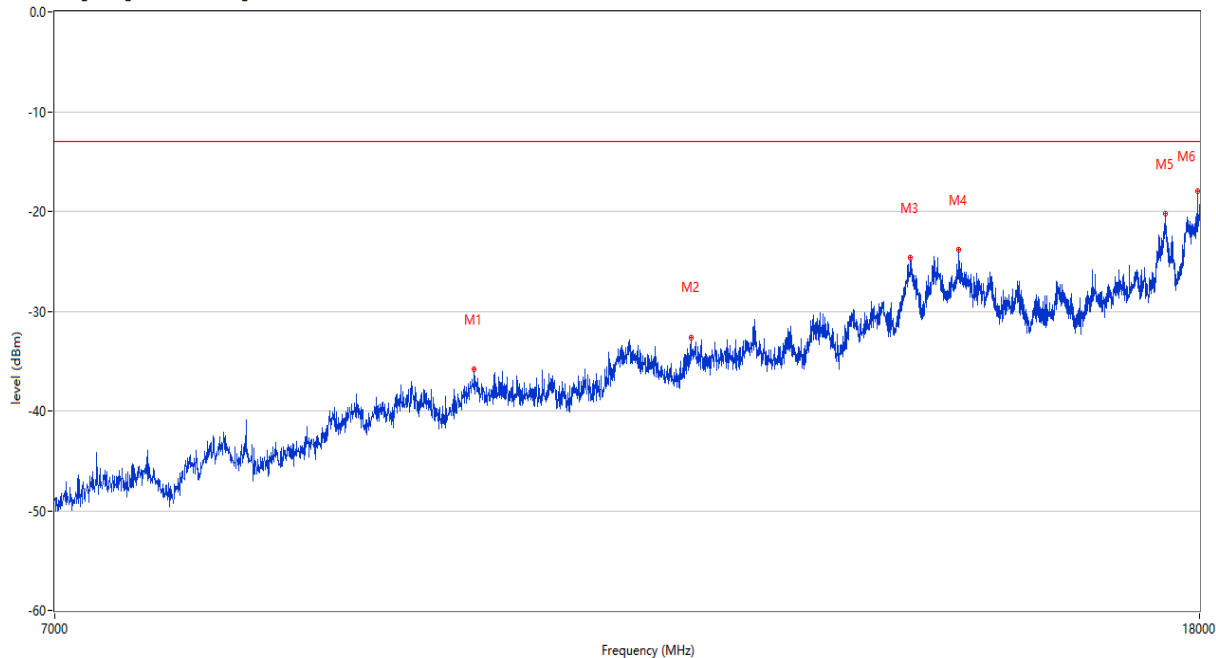
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9895.750	-35.86	29.82	-13.0	22.86	67.80	Vertical	Vertical	Pass
11831.750	-32.62	31.65	-13.0	19.62	168.30	Vertical	Vertical	Pass
14180.250	-24.69	40.18	-13.0	11.69	198.80	Vertical	Vertical	Pass
14757.750	-23.86	39.84	-13.0	10.86	0.00	Vertical	Vertical	Pass
17499.501	-20.28	43.31	-13.0	7.28	0.00	Vertical	Vertical	Pass
17969.750	-17.96	45.04	-13.0	4.96	359.60	Vertical	Vertical	Pass

2.7 LTE-B4-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.27.29

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

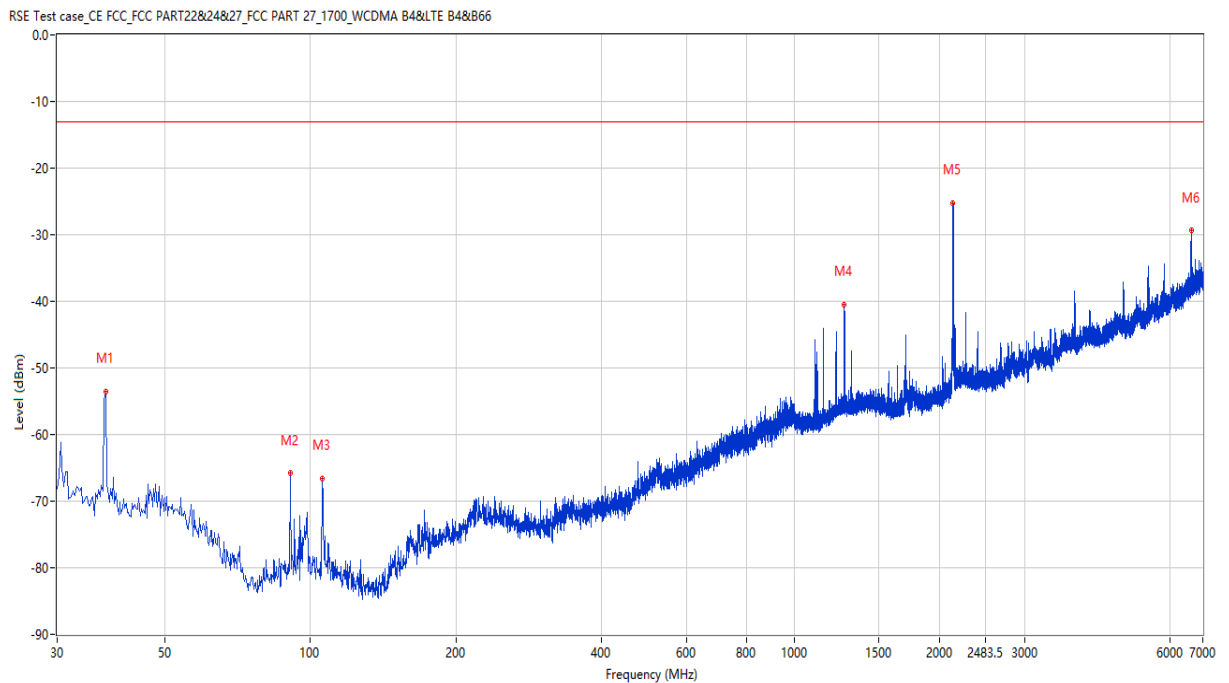
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
37.760	-53.55	-12.94	-13.0	40.55	331.90	Horizontal	Vertical	Pass
90.868	-65.81	-19.50	-13.0	52.81	135.20	Horizontal	Vertical	Pass
105.902	-66.59	-19.75	-13.0	53.59	135.20	Horizontal	Vertical	Pass
1271.500	-40.46	-0.34	-13.0	27.46	166.20	Horizontal	Vertical	Pass
2129.750	-25.17	3.14	-13.0	12.17	0.00	Horizontal	Vertical	Pass
6640.000	-29.38	18.52	-13.0	16.38	337.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_18.01.02

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

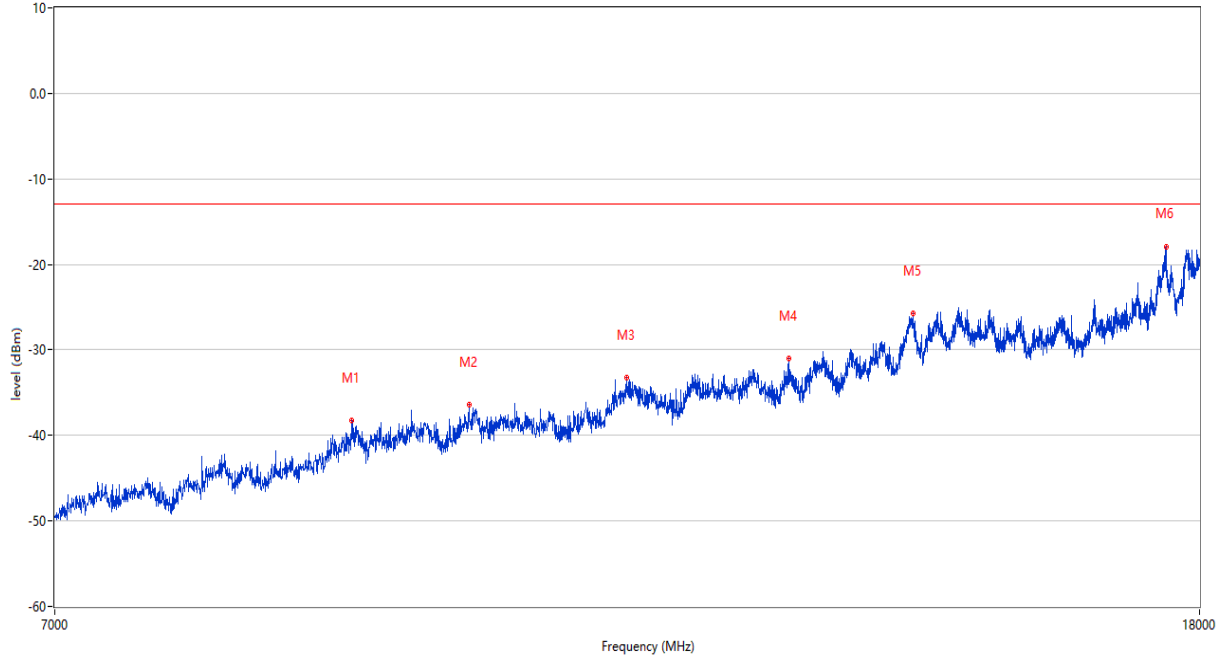
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8944.250	-38.24	27.05	-13.0	25.24	0.00	Horizontal	Vertical	Pass
9854.500	-36.41	28.38	-13.0	23.41	243.80	Horizontal	Vertical	Pass
11224.001	-33.25	30.87	-13.0	20.25	84.80	Horizontal	Vertical	Pass
12830.000	-30.98	32.67	-13.0	17.98	3.20	Horizontal	Vertical	Pass
14210.500	-25.73	38.75	-13.0	12.73	62.50	Horizontal	Vertical	Pass
17507.750	-17.89	44.67	-13.0	4.89	232.60	Horizontal	Vertical	Pass

2.8 LTE-B4-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.04.05

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

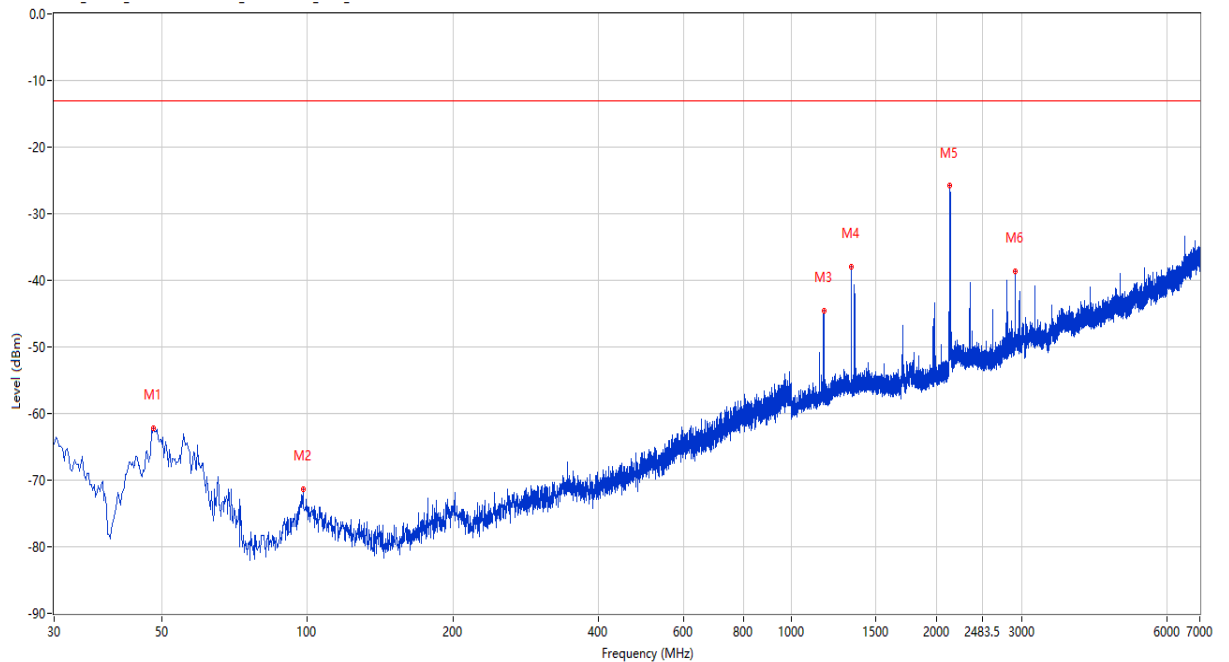
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
48.187	-62.12	-17.23	-13.0	49.12	126.20	Vertical	Vertical	Pass
98.143	-71.30	-13.73	-13.0	58.30	126.20	Vertical	Vertical	Pass
1170.750	-44.61	-1.68	-13.0	31.61	42.30	Vertical	Vertical	Pass
1333.750	-37.92	-0.68	-13.0	24.92	242.90	Vertical	Vertical	Pass
2132.250	-25.84	2.71	-13.0	12.84	285.00	Vertical	Vertical	Pass
2908.250	-38.59	7.16	-13.0	25.59	159.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_18.02.42

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

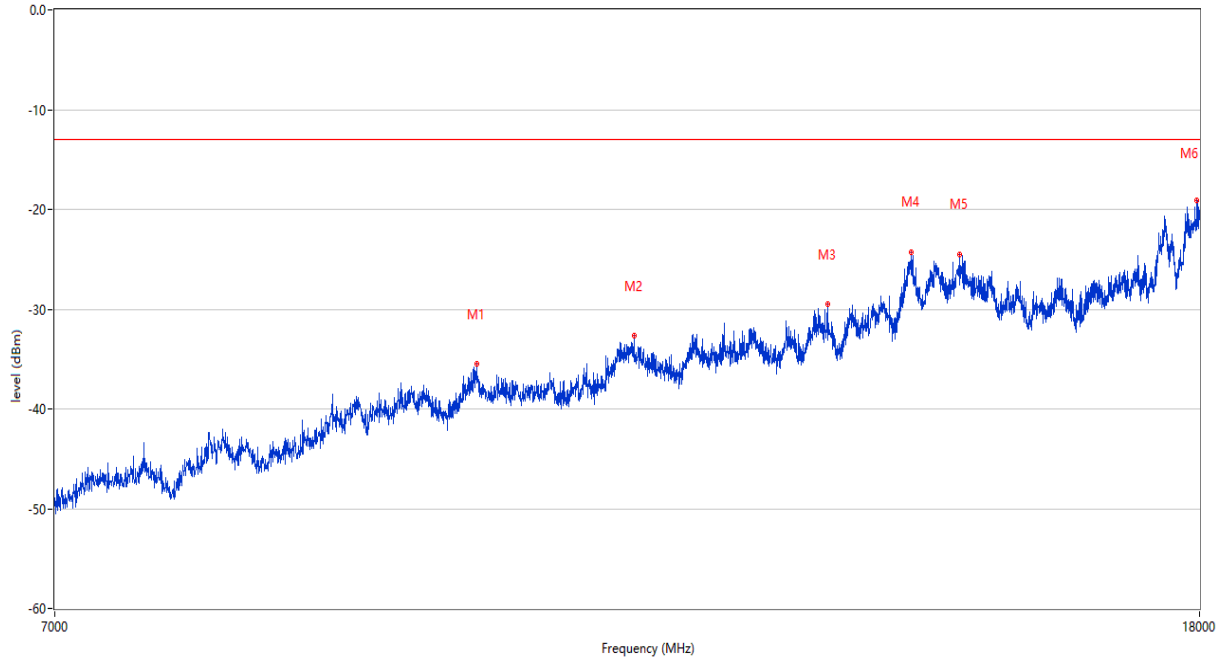
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9912.250	-35.48	29.97	-13.0	22.48	158.60	Vertical	Vertical	Pass
11290.000	-32.62	31.85	-13.0	19.62	138.10	Vertical	Vertical	Pass
13242.500	-29.48	33.88	-13.0	16.48	281.80	Vertical	Vertical	Pass
14191.250	-24.24	40.24	-13.0	11.24	84.60	Vertical	Vertical	Pass
14768.750	-24.57	39.75	-13.0	11.57	32.80	Vertical	Vertical	Pass
17956.000	-19.10	44.69	-13.0	6.10	118.40	Vertical	Vertical	Pass

2.9 LTE-B4-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.30.55

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

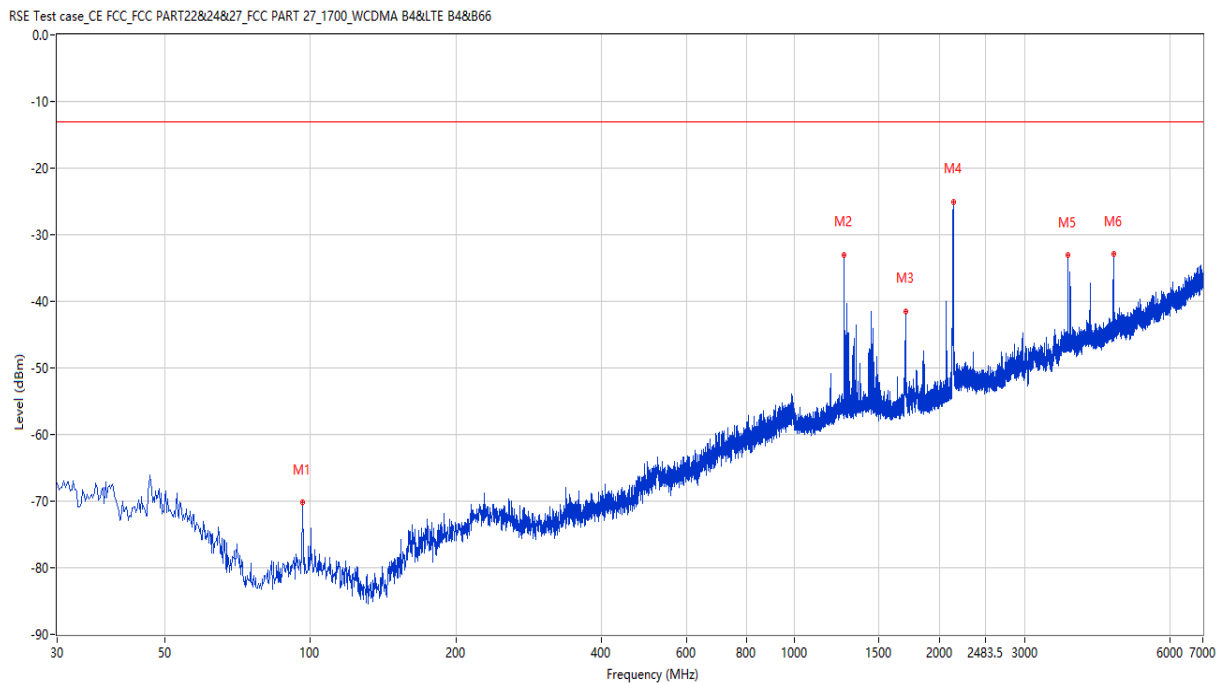
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
96.688	-70.21	-19.20	-13.0	57.21	321.20	Horizontal	Vertical	Pass
1271.750	-33.03	-0.34	-13.0	20.03	314.70	Horizontal	Vertical	Pass
1702.250	-41.51	1.84	-13.0	28.51	116.70	Horizontal	Vertical	Pass
2137.000	-25.07	3.31	-13.0	12.07	123.80	Horizontal	Vertical	Pass
3685.500	-33.13	11.77	-13.0	20.13	284.50	Horizontal	Vertical	Pass
4581.000	-32.93	12.82	-13.0	19.93	318.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.57.27

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

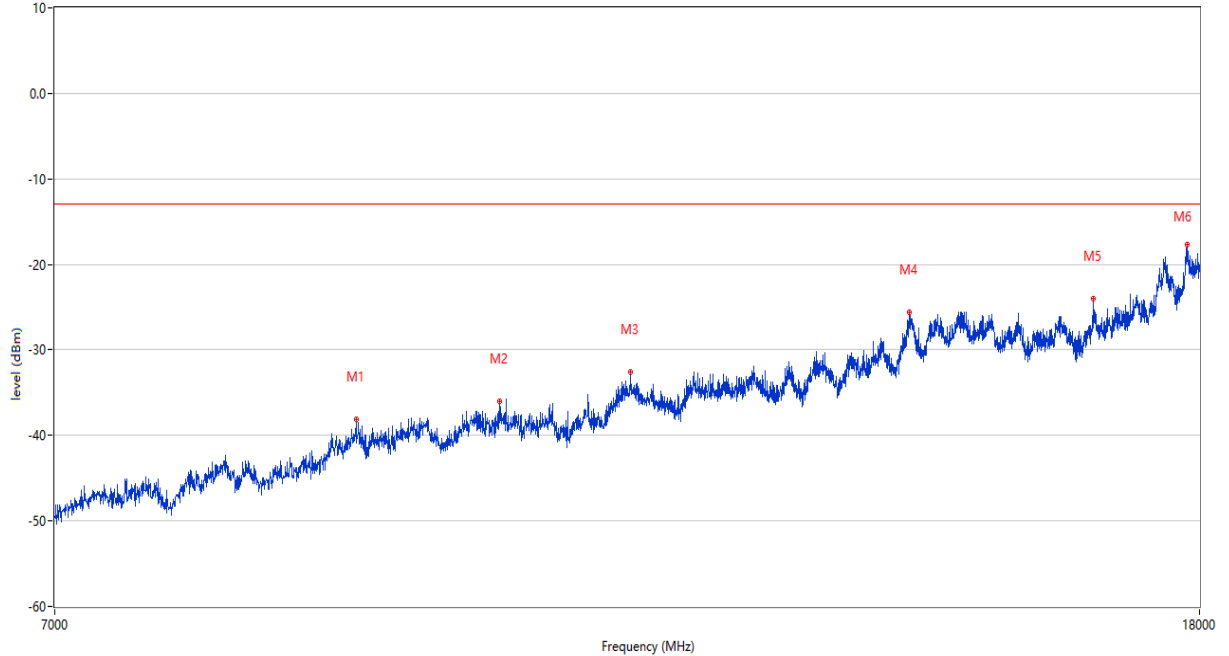
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8977.250	-38.11	28.48	-13.0	25.11	252.00	Horizontal	Vertical	Pass
10102.000	-36.04	28.68	-13.0	23.04	20.10	Horizontal	Vertical	Pass
11259.750	-32.53	31.51	-13.0	19.53	344.30	Horizontal	Vertical	Pass
14163.750	-25.55	38.77	-13.0	12.55	90.50	Horizontal	Vertical	Pass
16495.750	-24.02	37.95	-13.0	11.02	112.40	Horizontal	Vertical	Pass
17813.000	-17.68	44.33	-13.0	4.68	222.60	Horizontal	Vertical	Pass

2.10 LTE-B4-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.08.02

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

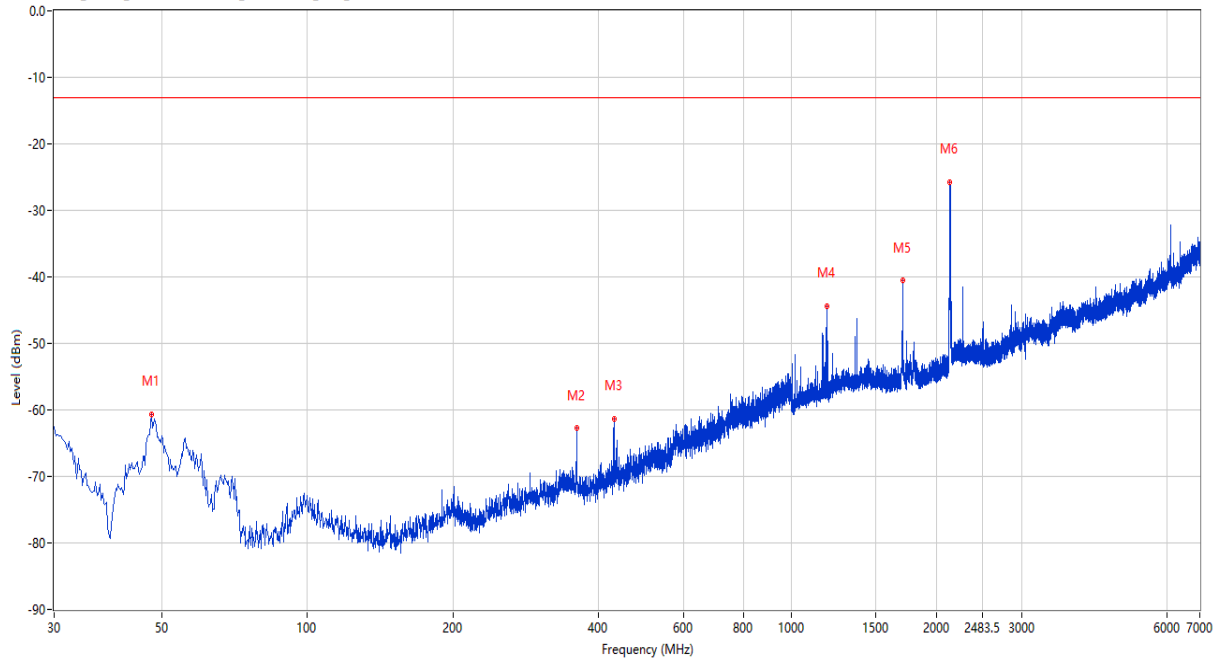
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
47.703	-60.64	-17.35	-13.0	47.64	38.70	Vertical	Vertical	Pass
361.013	-62.72	-10.94	-13.0	49.72	352.10	Vertical	Vertical	Pass
431.095	-61.29	-9.47	-13.0	48.29	357.70	Vertical	Vertical	Pass
1188.500	-44.39	-1.88	-13.0	31.39	0.00	Vertical	Vertical	Pass
1702.750	-40.42	1.50	-13.0	27.42	203.00	Vertical	Vertical	Pass
2127.750	-25.71	2.59	-13.0	12.71	210.80	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.43.20

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

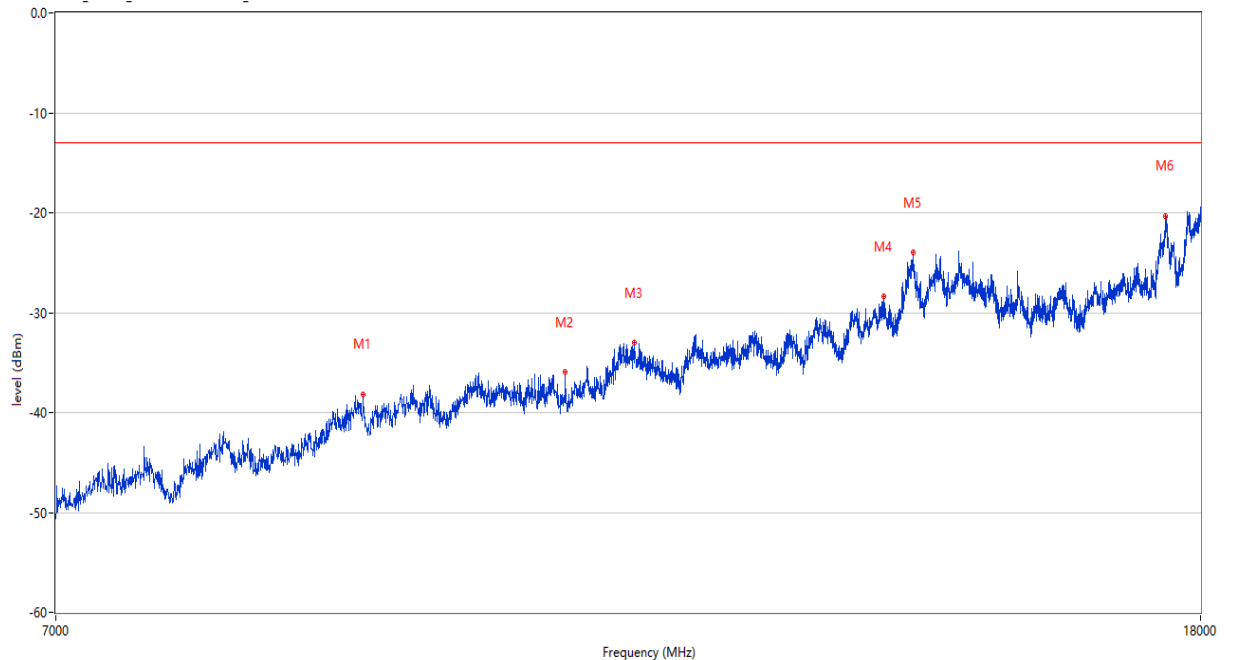
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9021.250	-38.22	27.39	-13.0	25.22	55.90	Vertical	Vertical	Pass
10657.500	-35.97	28.82	-13.0	22.97	358.80	Vertical	Vertical	Pass
11284.500	-32.99	31.89	-13.0	19.99	326.40	Vertical	Vertical	Pass
13858.500	-28.33	35.72	-13.0	15.33	326.40	Vertical	Vertical	Pass
14205.000	-23.98	39.80	-13.0	10.98	293.30	Vertical	Vertical	Pass
17485.750	-20.29	43.10	-13.0	7.29	96.80	Vertical	Vertical	Pass

2.11 LTE-B4-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.15.07

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

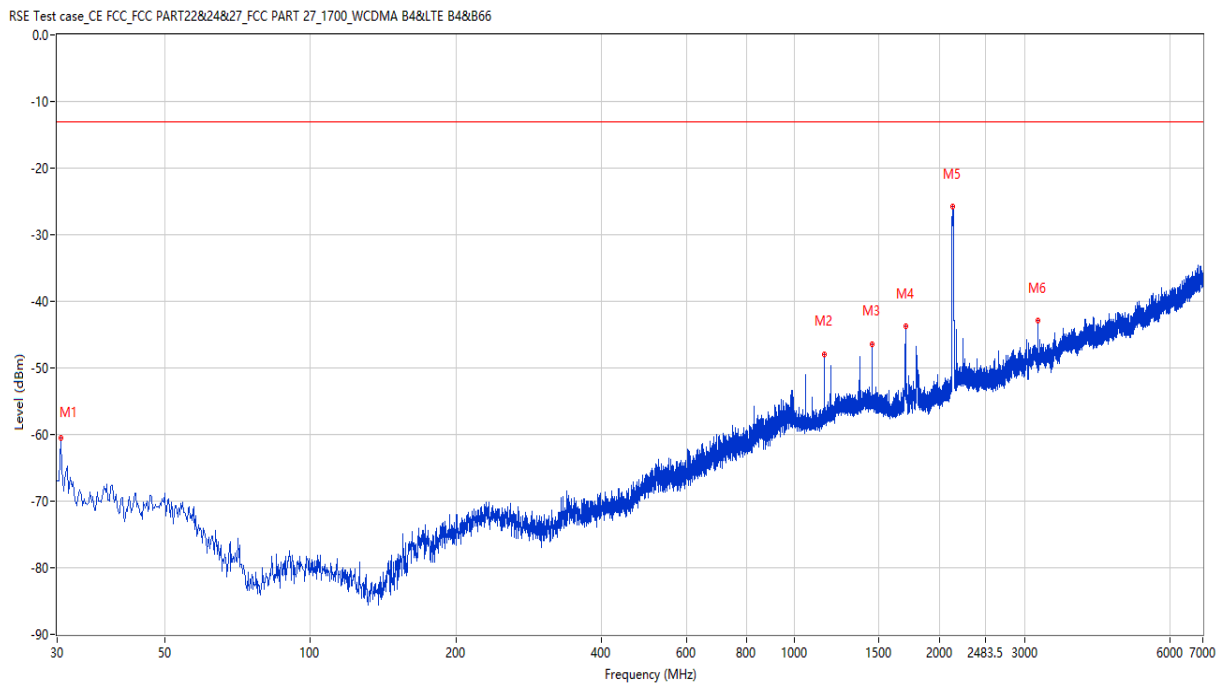
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
30.485	-60.56	-12.96	-13.0	47.56	96.80	Horizontal	Vertical	Pass
1157.750	-47.93	-1.87	-13.0	34.93	176.60	Horizontal	Vertical	Pass
1449.750	-46.38	0.03	-13.0	33.38	305.40	Horizontal	Vertical	Pass
1700.750	-43.78	1.61	-13.0	30.78	201.50	Horizontal	Vertical	Pass
2133.000	-25.81	3.21	-13.0	12.81	59.00	Horizontal	Vertical	Pass
3199.000	-42.96	8.61	-13.0	29.96	233.20	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.59.40

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

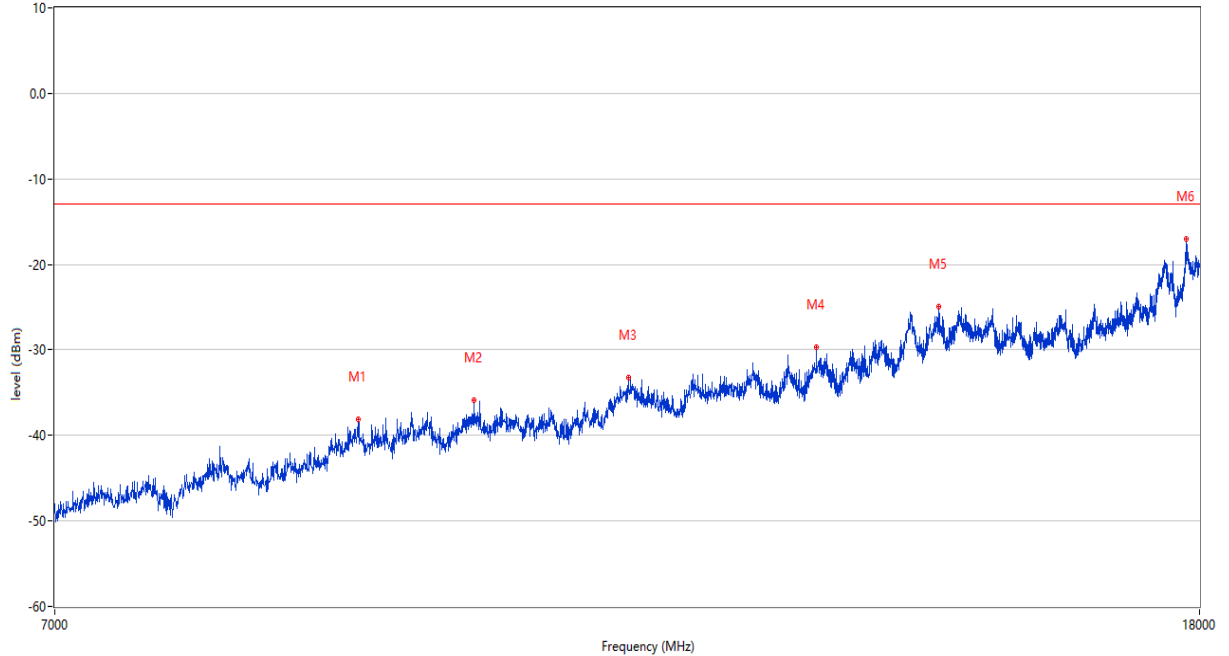
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8988.250	-38.07	28.41	-13.0	25.07	93.80	Horizontal	Vertical	Pass
9893.000	-35.87	29.11	-13.0	22.87	74.10	Horizontal	Vertical	Pass
11235.000	-33.23	31.12	-13.0	20.23	135.80	Horizontal	Vertical	Pass
13121.500	-29.63	34.07	-13.0	16.63	360.00	Horizontal	Vertical	Pass
14518.500	-24.98	37.54	-13.0	11.98	299.60	Horizontal	Vertical	Pass
17810.250	-17.06	44.36	-13.0	4.06	0.00	Horizontal	Vertical	Pass

2.12 LTE-B4-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-16_10.11.28

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

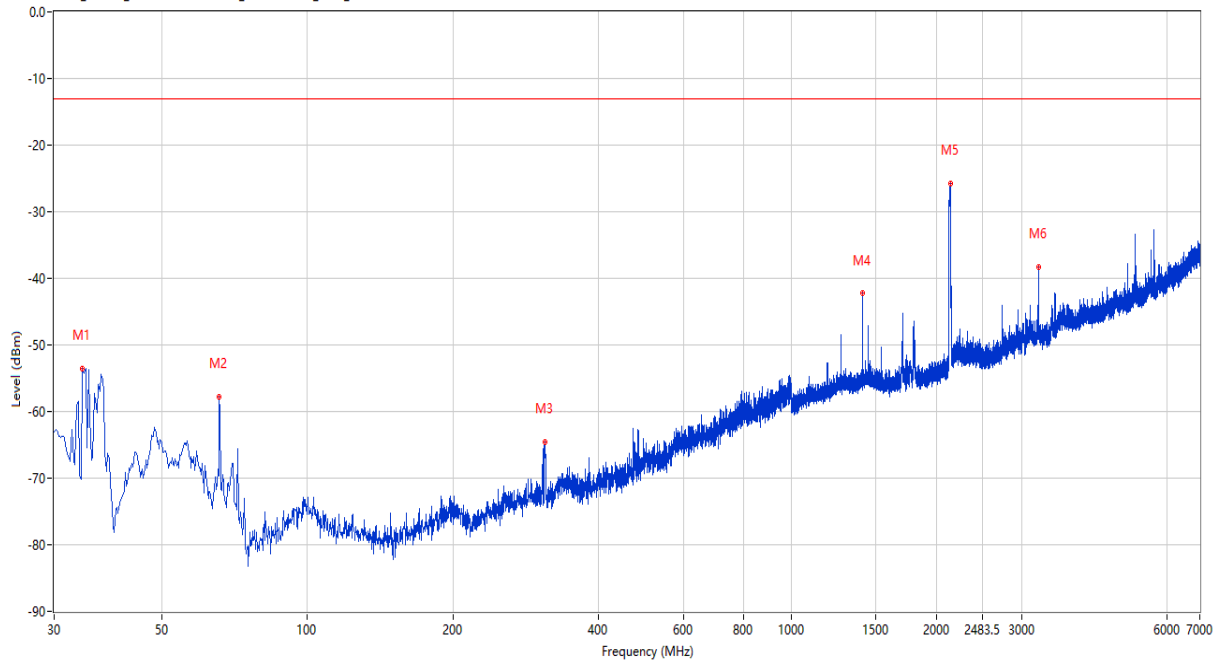
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-53.54	-22.95	-13.0	40.54	150.80	Vertical	Vertical	Pass
65.890	-57.76	-18.03	-13.0	44.76	150.80	Vertical	Vertical	Pass
309.602	-64.49	-12.08	-13.0	51.49	353.80	Vertical	Vertical	Pass
1407.000	-42.26	0.01	-13.0	29.26	0.00	Vertical	Vertical	Pass
2136.500	-25.74	2.82	-13.0	12.74	35.70	Vertical	Vertical	Pass
3247.000	-38.22	9.42	-13.0	25.22	102.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.44.50

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

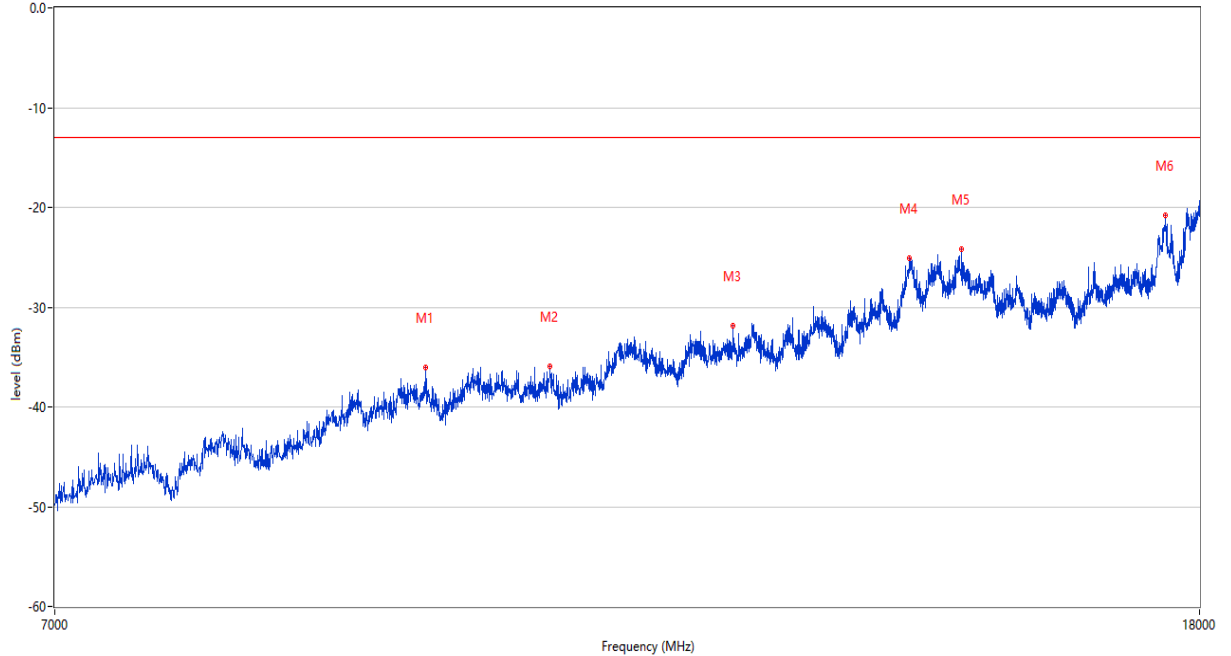
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9502.500	-36.04	28.54	-13.0	23.04	359.10	Vertical	Vertical	Pass
10533.750	-35.91	28.90	-13.0	22.91	54.80	Vertical	Vertical	Pass
12252.500	-31.88	31.90	-13.0	18.88	293.30	Vertical	Vertical	Pass
14172.000	-25.10	40.01	-13.0	12.10	85.30	Vertical	Vertical	Pass
14793.500	-24.16	39.18	-13.0	11.16	85.30	Vertical	Vertical	Pass
17499.501	-20.76	43.31	-13.0	7.76	54.80	Vertical	Vertical	Pass

3 LTE B5

3.1 LTE-B5-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_11.33.36

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

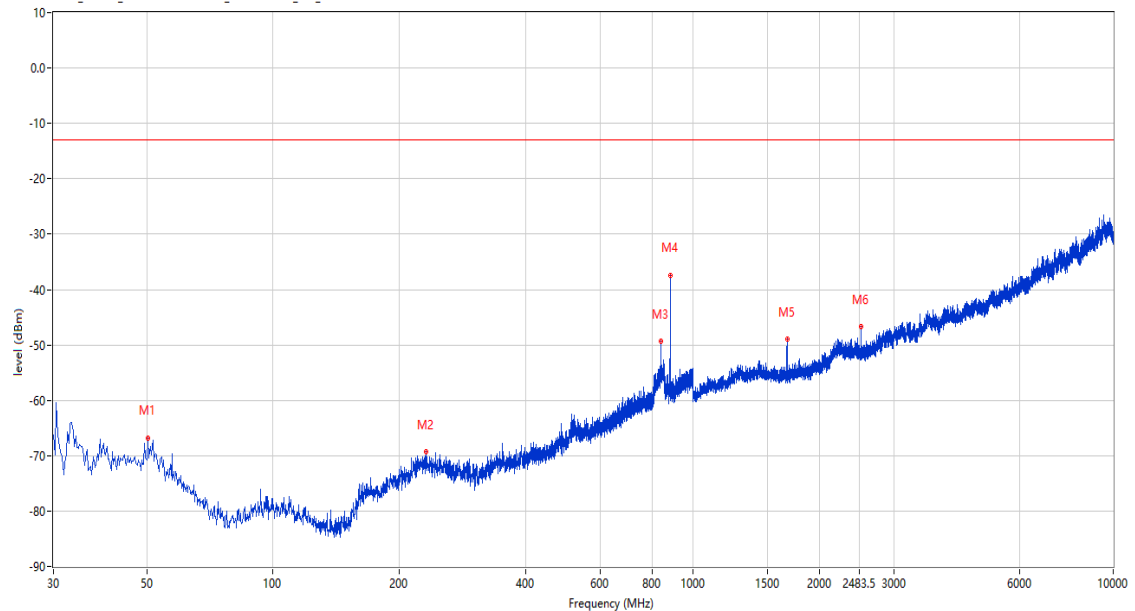
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
50.370	-66.77	-10.44	-13.0	53.77	270.20	Horizontal	Vertical	Pass
230.790	-69.32	-11.73	-13.0	56.32	229.60	Horizontal	Vertical	Pass
836.798	-49.41	2.57	-13.0	36.41	270.20	Horizontal	Vertical	Pass
881.903	-37.40	-0.14	-13.0	24.40	4.00	Horizontal	Vertical	Pass
1673.000	-49.01	-0.93	-13.0	36.01	174.40	Horizontal	Vertical	Pass
2509.500	-46.76	4.06	-13.0	33.76	257.40	Horizontal	Vertical	Pass

3.2 LTE-B5-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.37.52

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

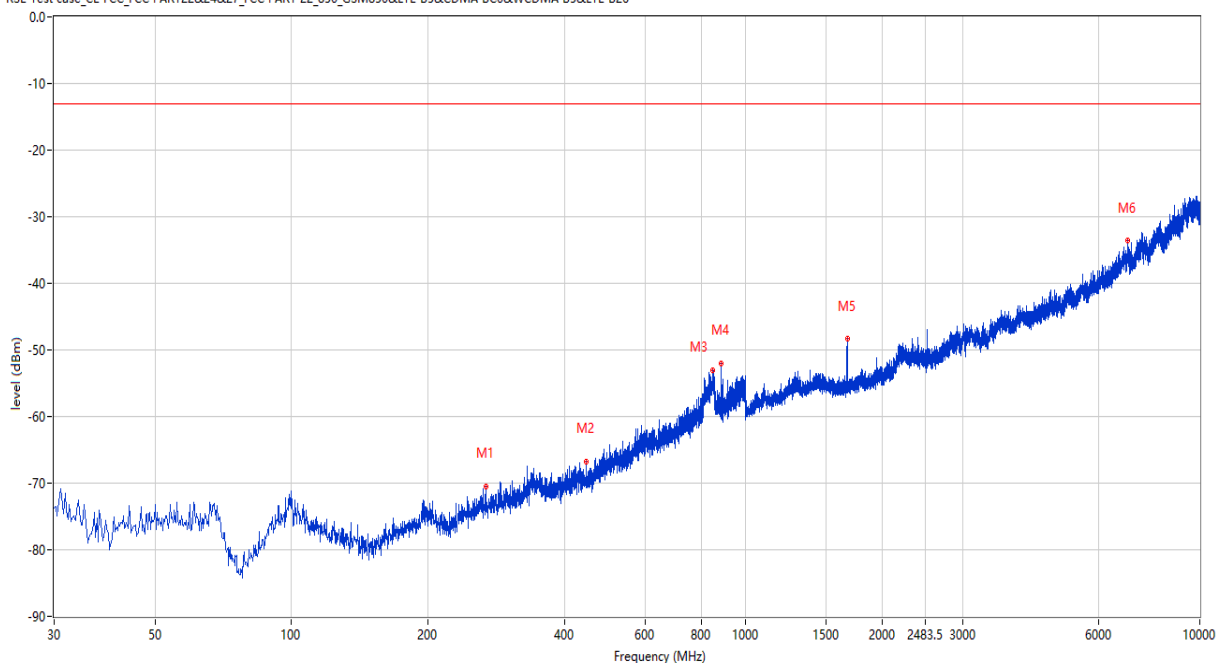
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
267.408	-70.46	-13.46	-13.0	57.46	160.50	Vertical	Vertical	Pass
446.130	-66.73	-9.11	-13.0	53.73	234.20	Vertical	Vertical	Pass
846.013	-53.06	2.99	-13.0	40.06	23.10	Vertical	Vertical	Pass
881.660	-52.02	-0.18	-13.0	39.02	151.20	Vertical	Vertical	Pass
1673.000	-48.35	-0.93	-13.0	35.35	75.70	Vertical	Vertical	Pass
6928.000	-33.58	19.17	-13.0	20.58	360.00	Vertical	Vertical	Pass

3.3 LTE-B5-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_11.37.33

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

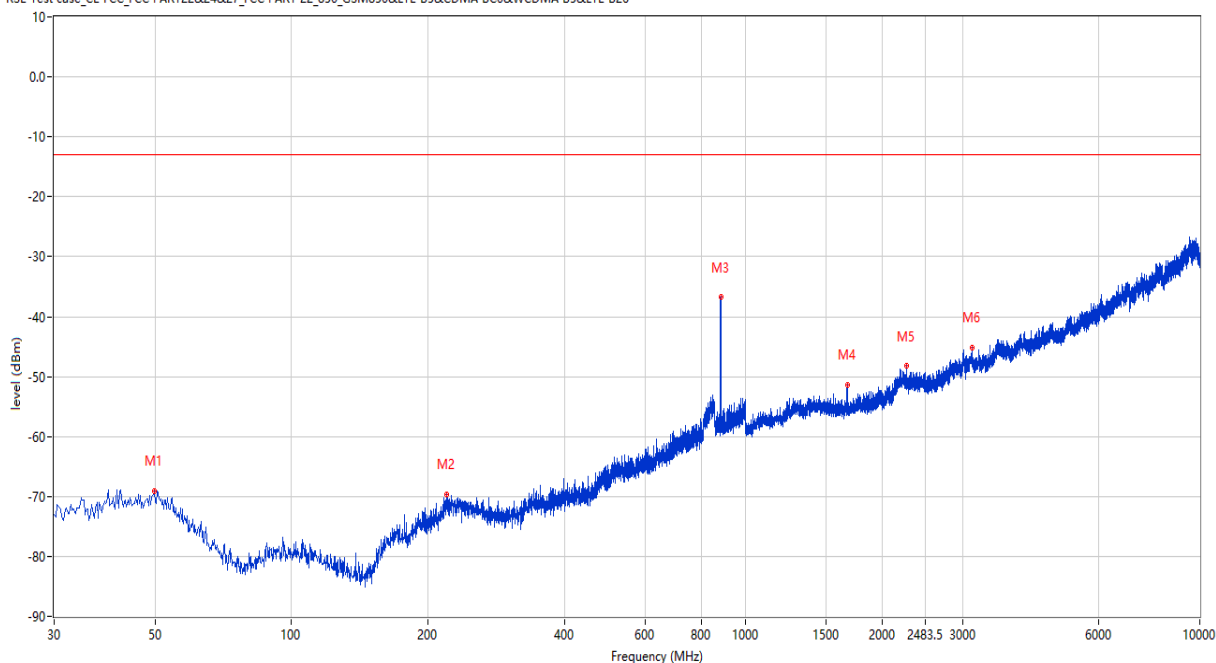
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.885	-69.01	-10.35	-13.0	56.01	290.80	Horizontal	Vertical	Pass
219.392	-69.59	-11.99	-13.0	56.59	13.20	Horizontal	Vertical	Pass
881.417	-36.74	-0.14	-13.0	23.74	13.20	Horizontal	Vertical	Pass
1674.500	-51.49	-0.95	-13.0	38.49	323.20	Horizontal	Vertical	Pass
2256.500	-48.23	4.54	-13.0	35.23	80.70	Horizontal	Vertical	Pass
3150.000	-45.12	9.58	-13.0	32.12	341.40	Horizontal	Vertical	Pass

3.4 LTE-B5-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.34.22

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

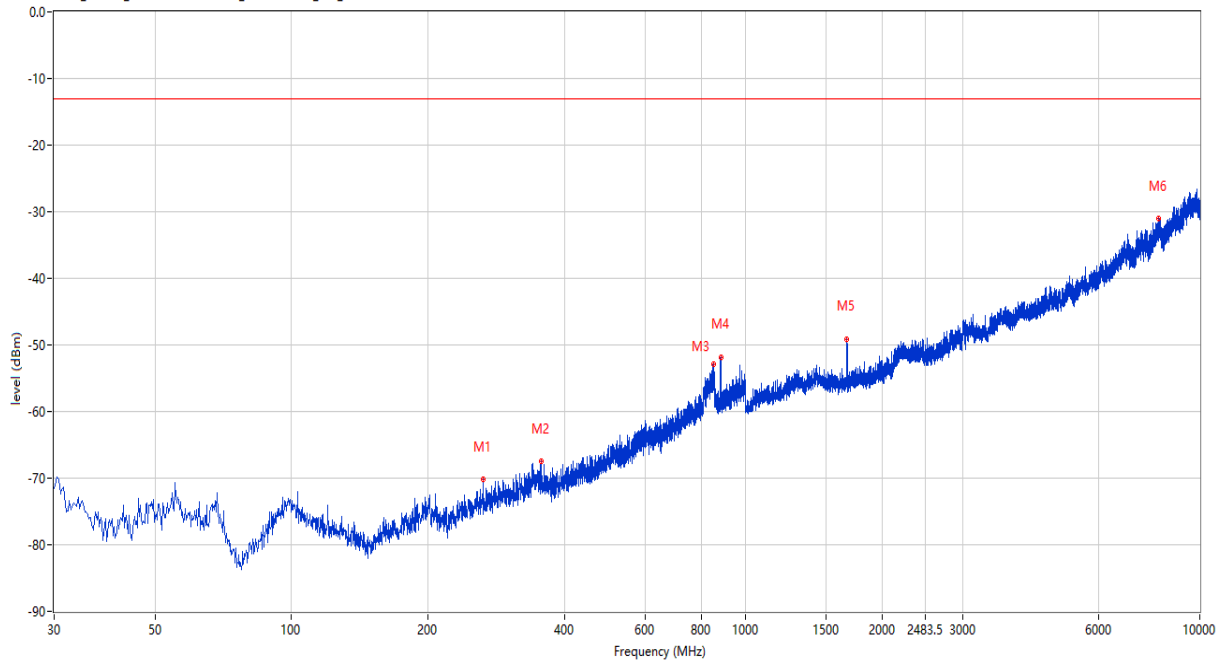
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
264.498	-70.19	-13.46	-13.0	57.19	45.50	Vertical	Vertical	Pass
354.707	-67.50	-10.57	-13.0	54.50	1.20	Vertical	Vertical	Pass
850.862	-52.89	3.23	-13.0	39.89	250.80	Vertical	Vertical	Pass
881.903	-51.88	-0.17	-13.0	38.88	148.10	Vertical	Vertical	Pass
1671.500	-49.15	-0.91	-13.0	36.15	90.30	Vertical	Vertical	Pass
8098.000	-30.98	25.72	-13.0	17.98	357.90	Vertical	Vertical	Pass

3.5 LTE-B5-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_11.42.14

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

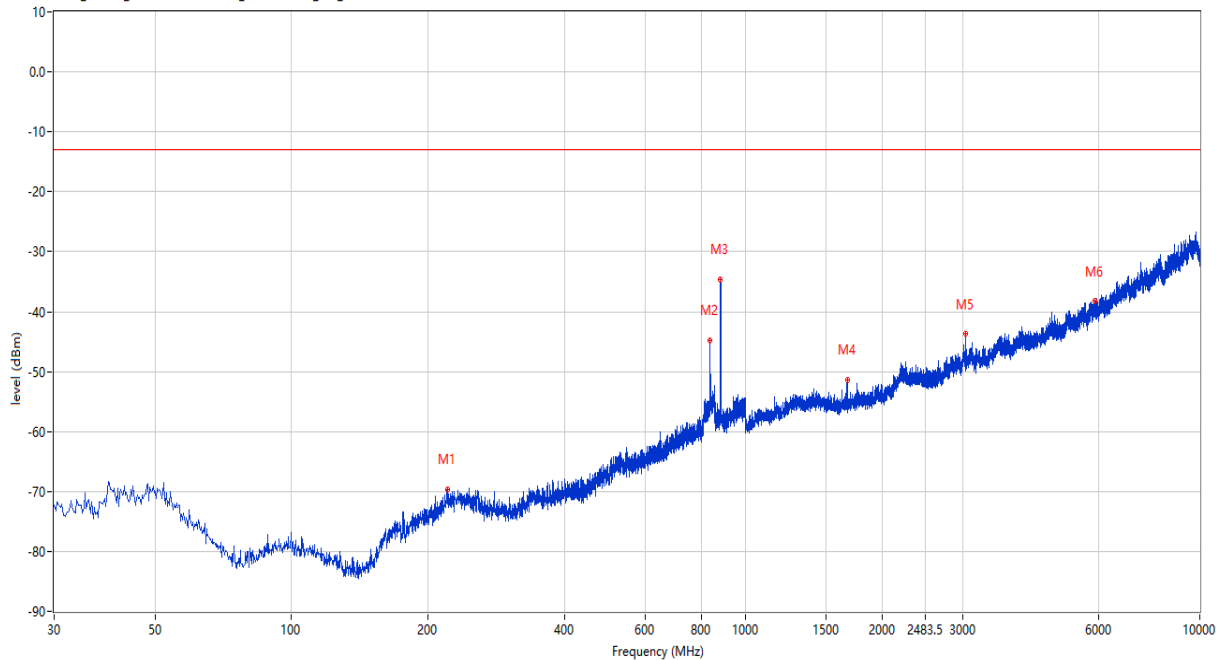
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
220.605	-69.72	-11.85	-13.0	56.72	86.70	Horizontal	Vertical	Pass
834.372	-44.87	2.40	-13.0	31.87	307.40	Horizontal	Vertical	Pass
880.447	-34.55	-0.14	-13.0	21.55	35.00	Horizontal	Vertical	Pass
1674.500	-51.37	-0.95	-13.0	38.37	89.20	Horizontal	Vertical	Pass
3051.000	-43.72	8.76	-13.0	30.72	80.30	Horizontal	Vertical	Pass
5862.000	-38.25	16.24	-13.0	25.25	228.40	Horizontal	Vertical	Pass

3.6 LTE-B5-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.30.46

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

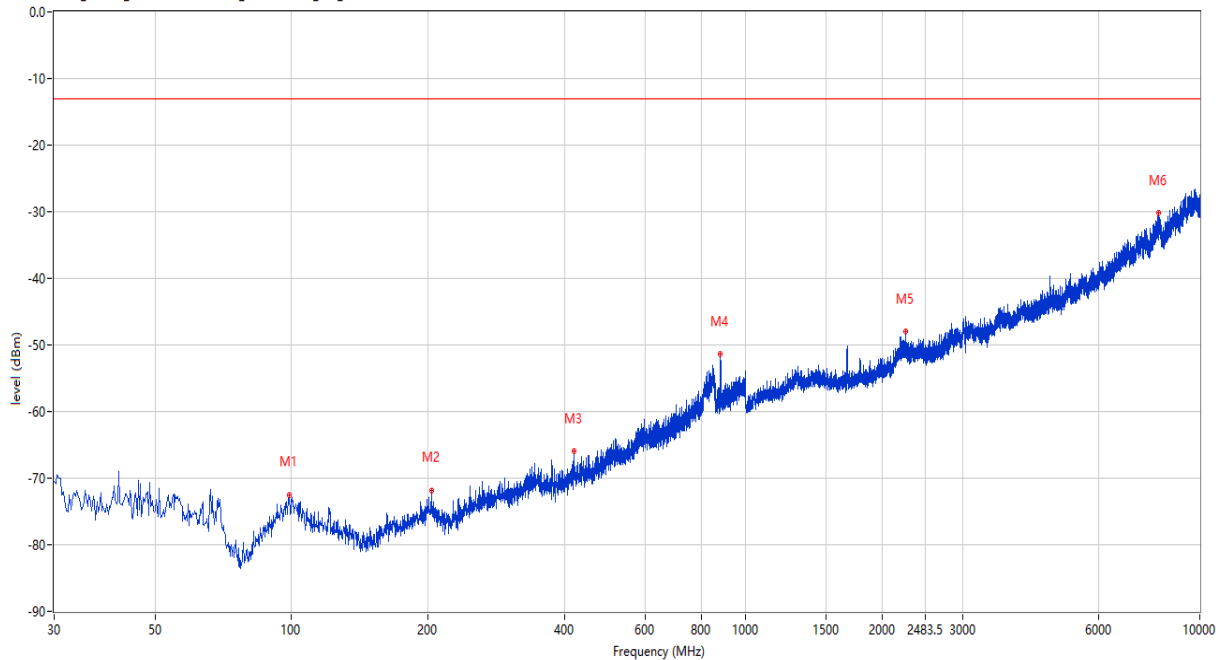
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.870	-72.50	-13.87	-13.0	59.50	66.20	Vertical	Vertical	Pass
203.145	-71.79	-14.97	-13.0	58.79	357.50	Vertical	Vertical	Pass
418.000	-65.97	-9.57	-13.0	52.97	160.10	Vertical	Vertical	Pass
879.720	-51.40	-0.19	-13.0	38.40	148.90	Vertical	Vertical	Pass
2250.500	-48.05	4.37	-13.0	35.05	143.80	Vertical	Vertical	Pass
8111.500	-30.21	25.78	-13.0	17.21	223.80	Vertical	Vertical	Pass

3.7 LTE-B5-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_11.45.48

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

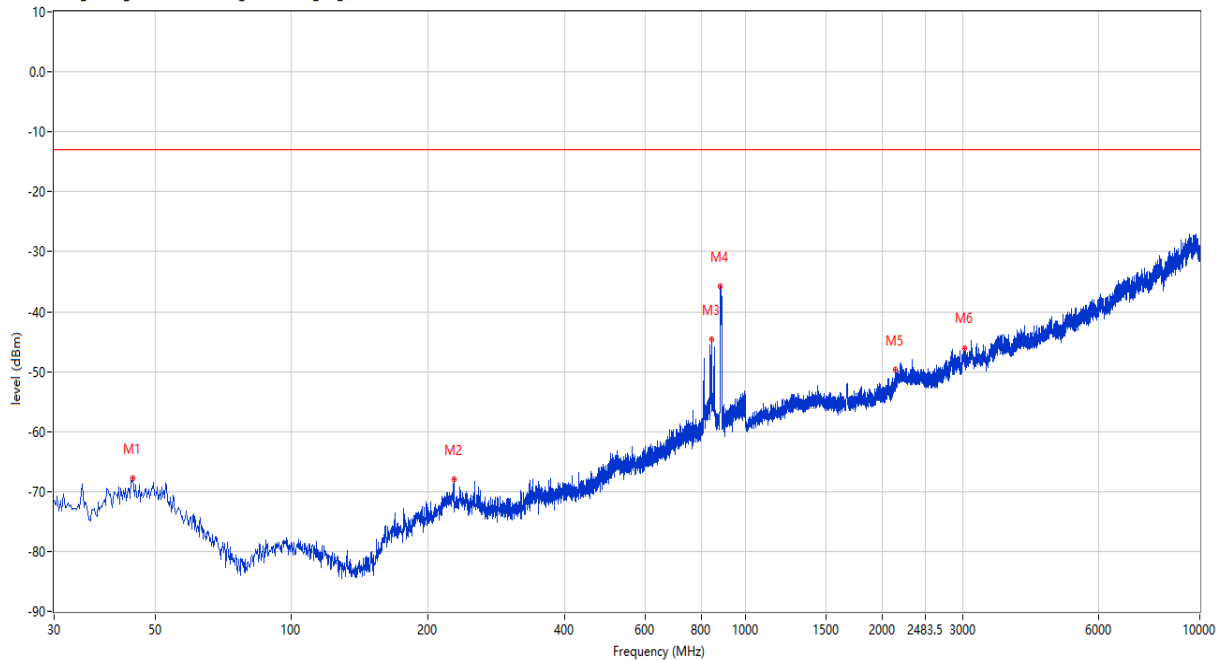
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
44.792	-67.81	-10.73	-13.0	54.81	300.30	Horizontal	Vertical	Pass
227.638	-67.99	-11.76	-13.0	54.99	173.00	Horizontal	Vertical	Pass
840.435	-44.64	2.82	-13.0	31.64	320.70	Horizontal	Vertical	Pass
880.690	-35.78	-0.14	-13.0	22.78	32.80	Horizontal	Vertical	Pass
2138.000	-49.70	2.85	-13.0	36.70	268.90	Horizontal	Vertical	Pass
3031.000	-46.08	9.19	-13.0	33.08	74.00	Horizontal	Vertical	Pass

3.8 LTE-B5-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.26.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

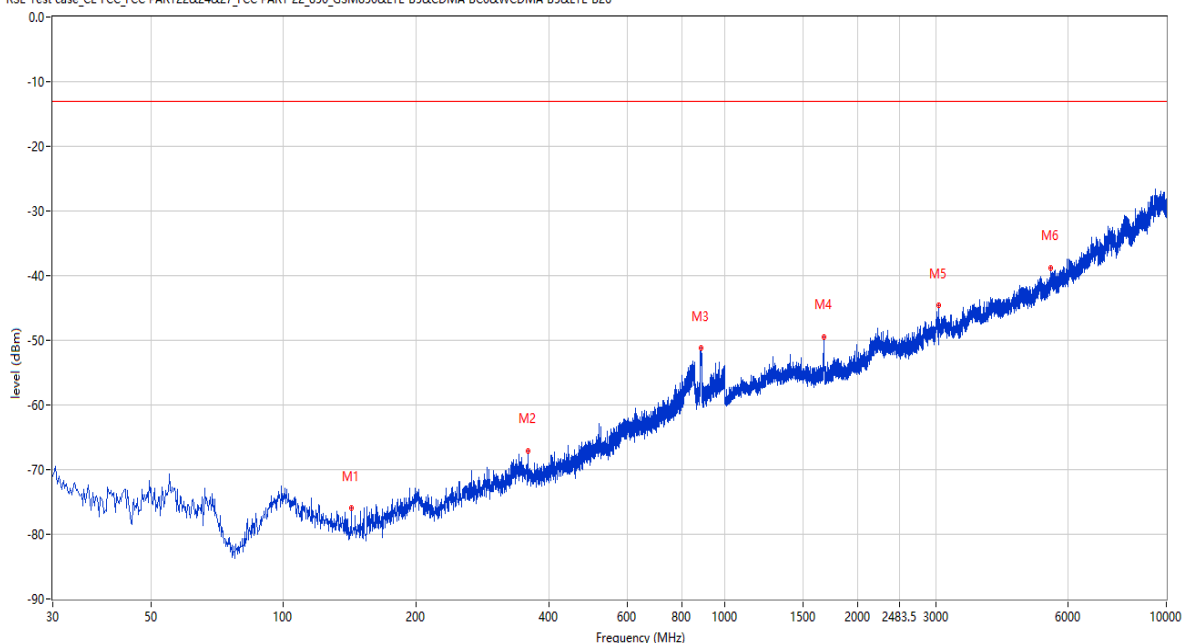
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 22_850_GSM850<E B5&CDMA BC0&WCDMA B5<E B26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
142.520	-76.01	-19.75	-13.0	63.01	360.00	Vertical	Vertical	Pass
357.375	-67.19	-10.70	-13.0	54.19	103.50	Vertical	Vertical	Pass
882.630	-51.21	-0.16	-13.0	38.21	166.70	Vertical	Vertical	Pass
1673.000	-49.46	-0.93	-13.0	36.46	87.30	Vertical	Vertical	Pass
3050.000	-44.65	8.98	-13.0	31.65	295.60	Vertical	Vertical	Pass
5476.000	-38.73	15.07	-13.0	25.73	347.30	Vertical	Vertical	Pass

4 LTE B7

4.1 LTE-B7-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_19.10.23

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

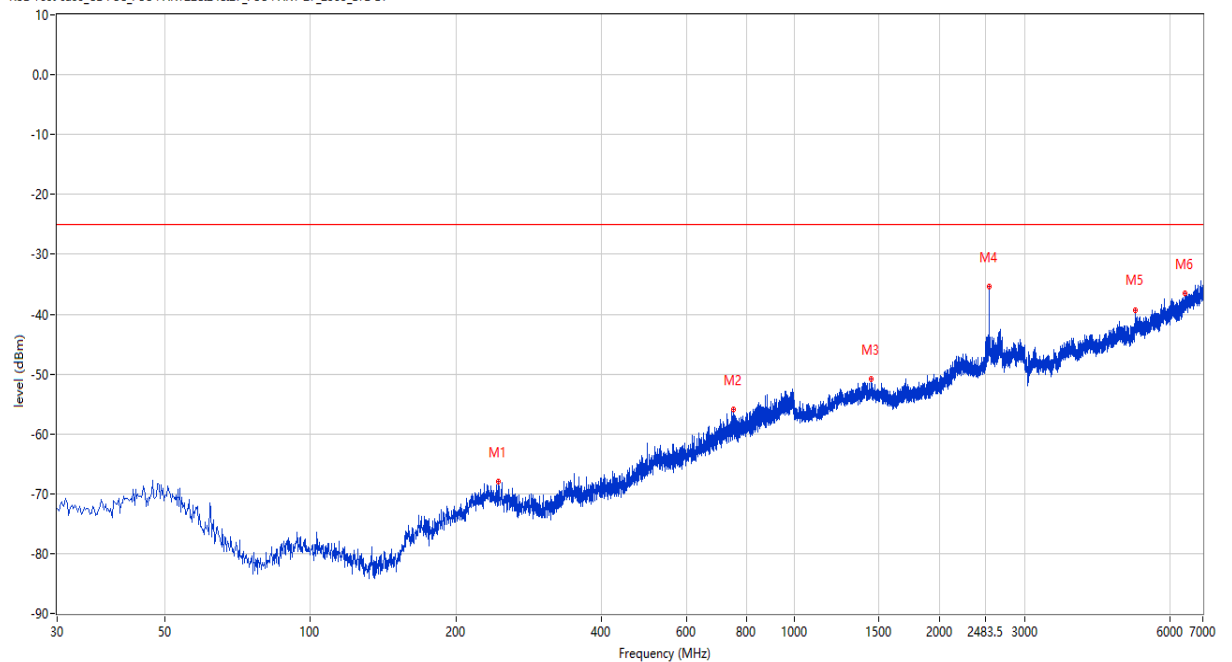
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
245.340	-68.06	-11.26	-25.0	43.06	214.80	Horizontal	Vertical	Pass
749.982	-55.97	-0.77	-25.0	30.97	288.20	Horizontal	Vertical	Pass
1444.500	-50.84	1.80	-25.0	25.84	191.30	Horizontal	Vertical	Pass
2534.500	-35.42	10.09	-25.0	10.42	123.20	Horizontal	Vertical	Pass
5068.000	-39.31	14.32	-25.0	14.31	48.30	Horizontal	Vertical	Pass
6433.000	-36.54	17.84	-25.0	11.54	0.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.28.45

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

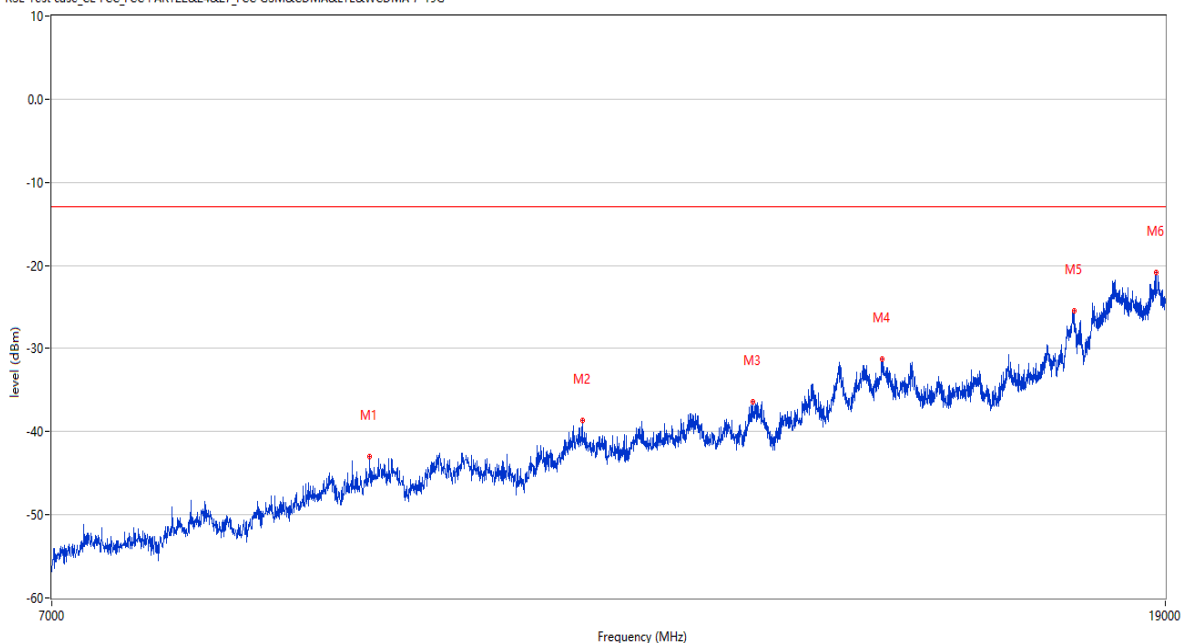
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9310.000	-43.02	27.25	-13.0	30.02	281.80	Horizontal	Vertical	Pass
11263.000	-38.63	31.52	-13.0	25.63	59.20	Horizontal	Vertical	Pass
13126.000	-36.35	34.06	-13.0	23.35	68.90	Horizontal	Vertical	Pass
14743.000	-31.26	39.13	-13.0	18.26	146.70	Horizontal	Vertical	Pass
17508.999	-25.50	44.59	-13.0	12.50	343.20	Horizontal	Vertical	Pass
18847.001	-20.82	47.11	-13.0	7.82	281.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.31.23

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

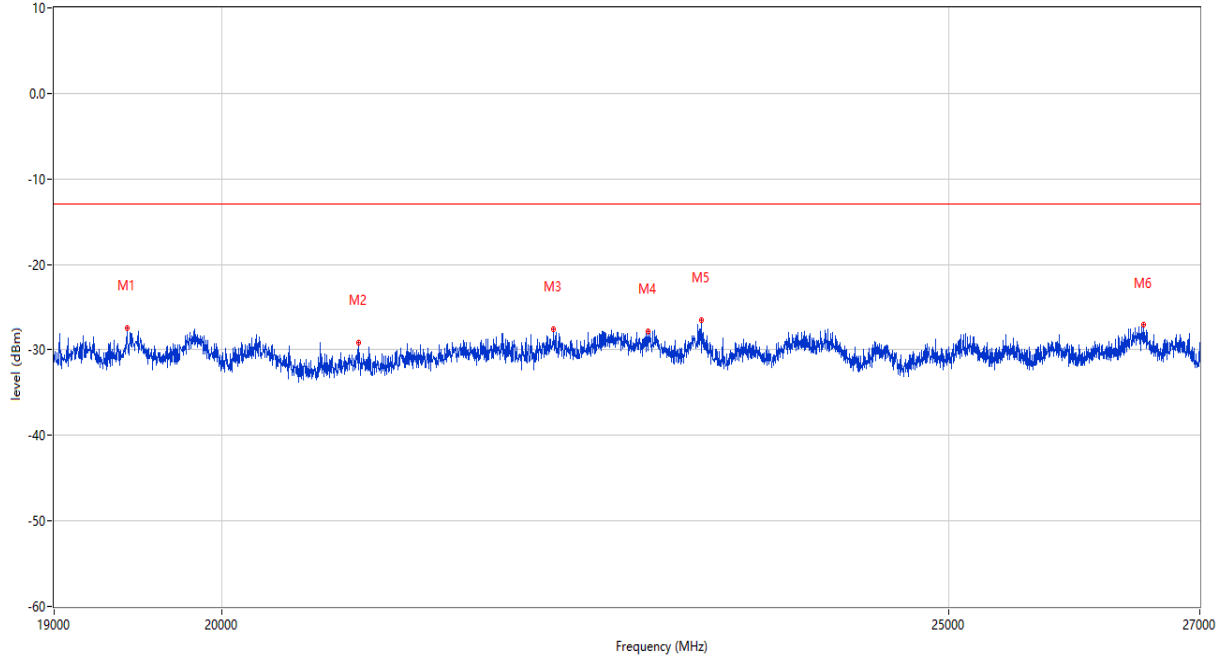
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19428.000	-27.43	14.06	-13.0	14.43	206.00	Horizontal	Vertical	Pass
20857.999	-29.10	13.70	-13.0	16.10	309.80	Horizontal	Vertical	Pass
22146.001	-27.58	15.41	-13.0	14.58	309.80	Horizontal	Vertical	Pass
22794.000	-27.88	15.62	-13.0	14.88	70.50	Horizontal	Vertical	Pass
23170.001	-26.46	15.29	-13.0	13.46	258.10	Horizontal	Vertical	Pass
26535.999	-27.10	15.99	-13.0	14.10	80.60	Horizontal	Vertical	Pass

4.2 LTE-B7-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.46.01

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

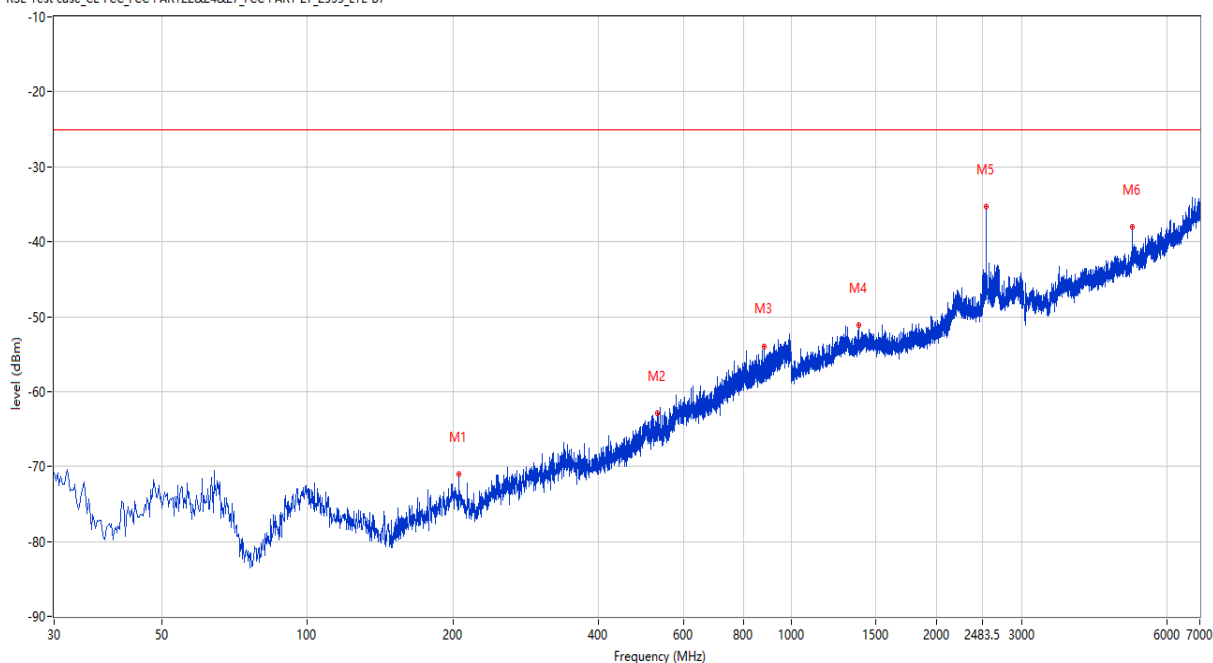
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
206.055	-70.97	-14.77	-25.0	45.97	89.30	Vertical	Vertical	Pass
528.822	-62.89	-6.01	-25.0	37.89	345.00	Vertical	Vertical	Pass
880.205	-53.92	1.34	-25.0	28.92	126.60	Vertical	Vertical	Pass
1379.500	-51.16	1.27	-25.0	26.16	304.20	Vertical	Vertical	Pass
2533.500	-35.32	9.90	-25.0	10.32	89.90	Vertical	Vertical	Pass
5070.000	-38.02	14.11	-25.0	13.02	170.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.14.55

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

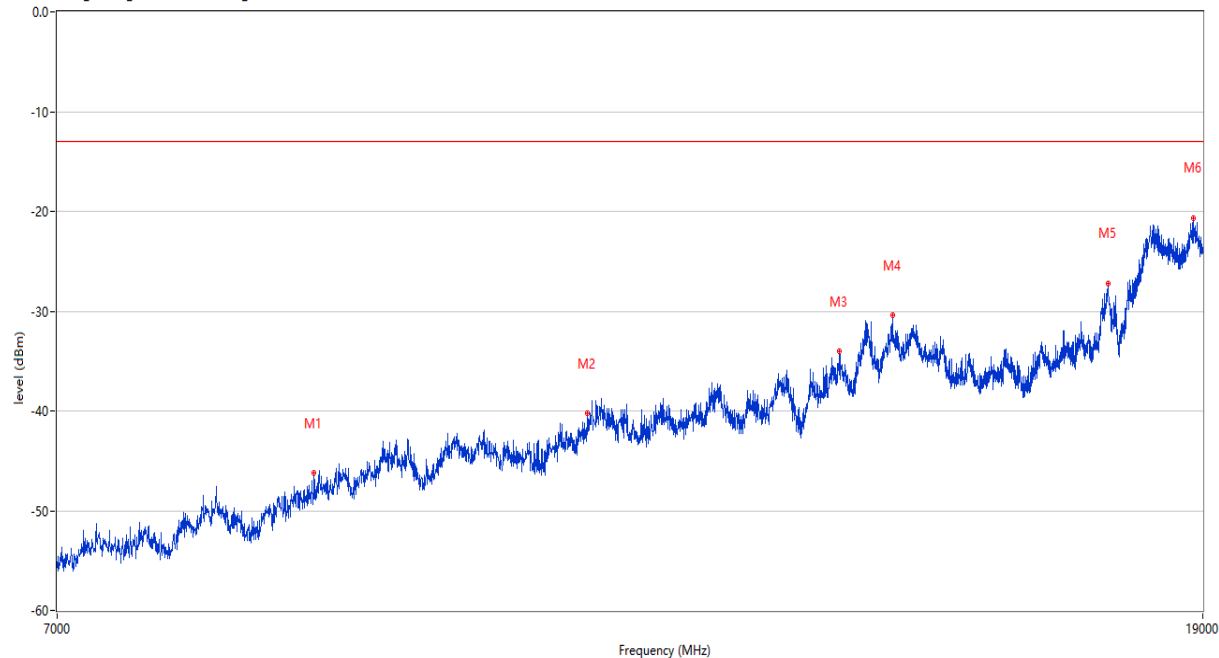
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8758.000	-46.21	24.97	-13.0	33.21	132.90	Vertical	Vertical	Pass
11113.000	-40.22	30.25	-13.0	27.22	1.50	Vertical	Vertical	Pass
13840.000	-34.01	35.53	-13.0	21.01	215.90	Vertical	Vertical	Pass
14500.000	-30.37	38.68	-13.0	17.37	360.00	Vertical	Vertical	Pass
17490.999	-27.28	43.18	-13.0	14.28	163.80	Vertical	Vertical	Pass
18852.999	-20.63	47.89	-13.0	7.63	143.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.42.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

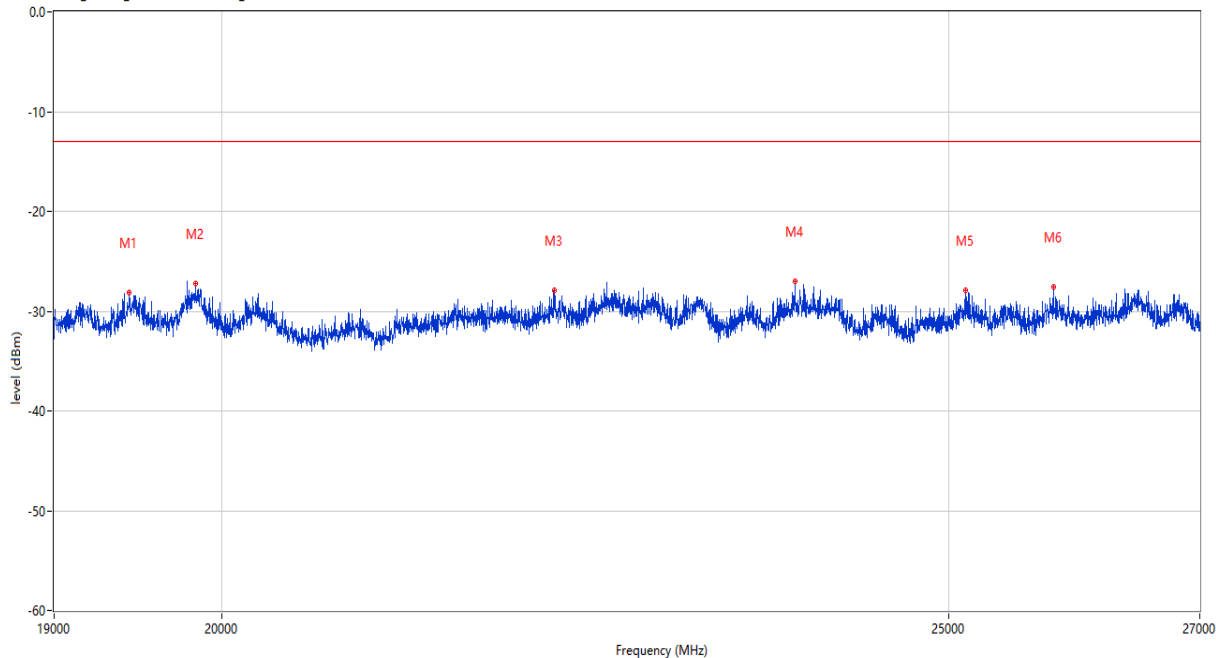
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19444.001	-28.15	13.62	-13.0	15.15	85.30	Vertical	Vertical	Pass
19840.000	-27.27	14.01	-13.0	14.27	0.00	Vertical	Vertical	Pass
22150.001	-27.96	15.00	-13.0	14.96	137.00	Vertical	Vertical	Pass
23847.999	-27.04	15.76	-13.0	14.04	147.80	Vertical	Vertical	Pass
25126.001	-27.92	14.88	-13.0	14.92	254.10	Vertical	Vertical	Pass
25814.000	-27.62	14.74	-13.0	14.62	85.30	Vertical	Vertical	Pass

4.3 LTE-B7-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_19.07.23

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

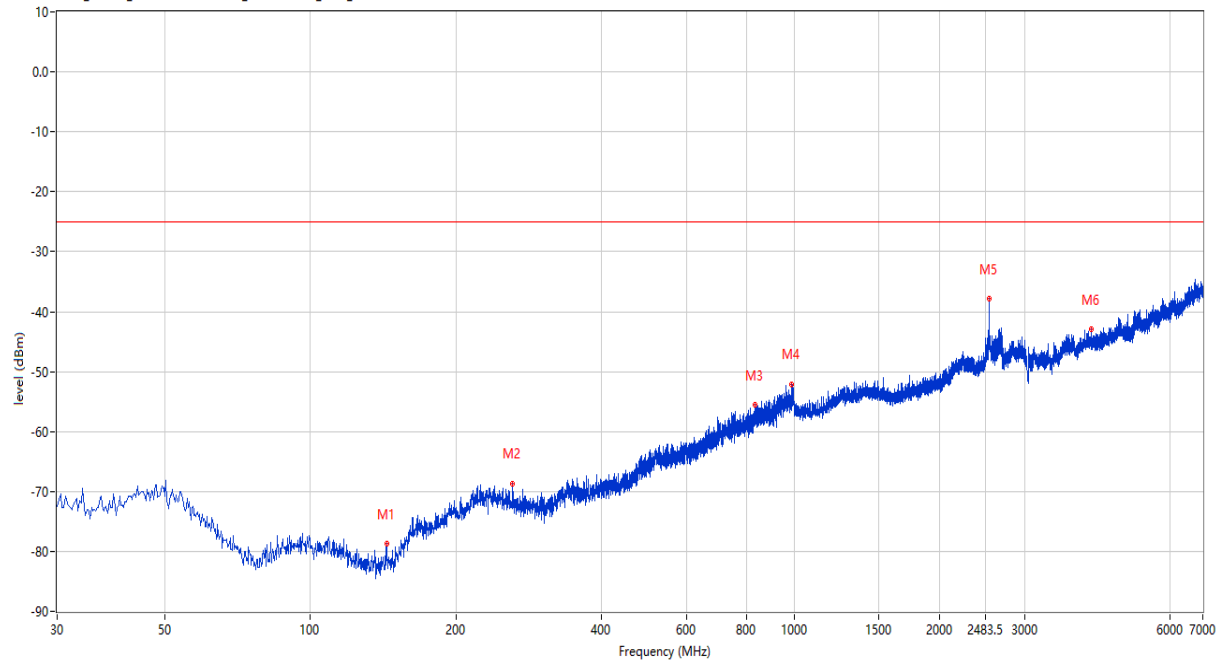
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
143.975	-78.72	-22.68	-25.0	53.72	225.10	Horizontal	Vertical	Pass
262.315	-68.66	-11.78	-25.0	43.66	360.00	Horizontal	Vertical	Pass
830.977	-55.61	0.36	-25.0	30.61	91.80	Horizontal	Vertical	Pass
987.390	-52.10	3.61	-25.0	27.10	265.60	Horizontal	Vertical	Pass
2534.500	-37.91	10.09	-25.0	12.91	104.00	Horizontal	Vertical	Pass
4121.000	-42.97	12.26	-25.0	17.97	152.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.27.12

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

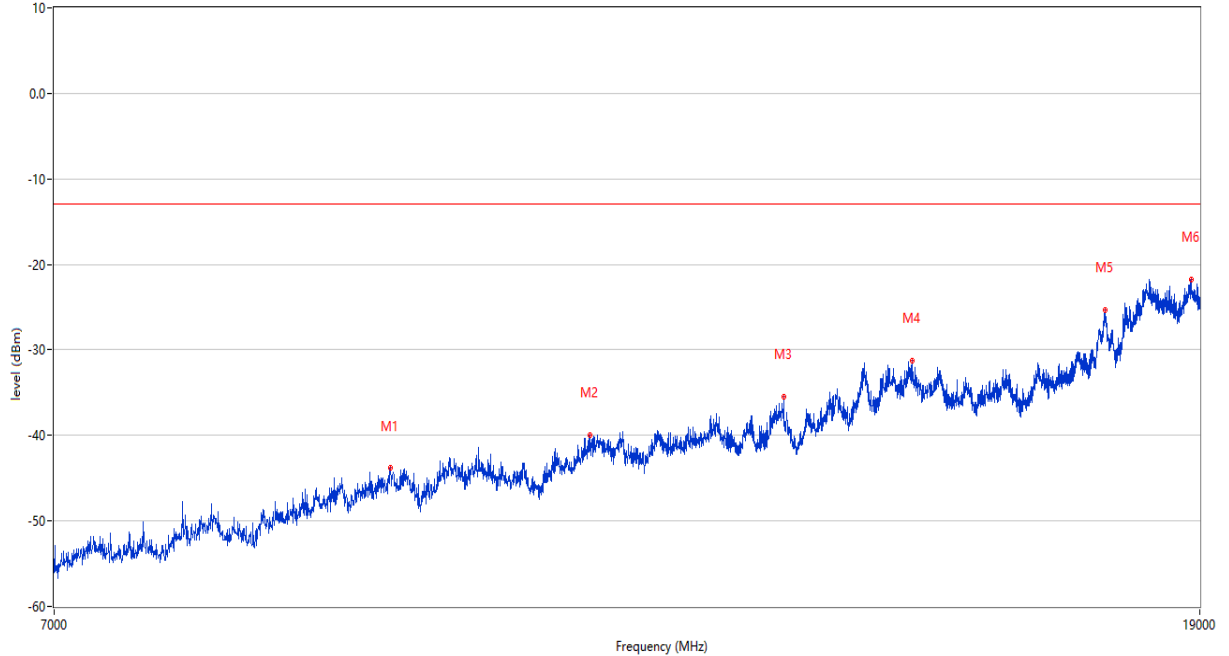
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9382.000	-43.85	27.84	-13.0	30.85	335.30	Horizontal	Vertical	Pass
11170.000	-40.00	30.16	-13.0	27.00	335.30	Horizontal	Vertical	Pass
13225.000	-35.47	33.82	-13.0	22.47	104.90	Horizontal	Vertical	Pass
14788.000	-31.29	38.69	-13.0	18.29	167.40	Horizontal	Vertical	Pass
17497.000	-25.38	45.10	-13.0	12.38	197.90	Horizontal	Vertical	Pass
18859.000	-21.72	47.13	-13.0	8.72	345.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.33.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

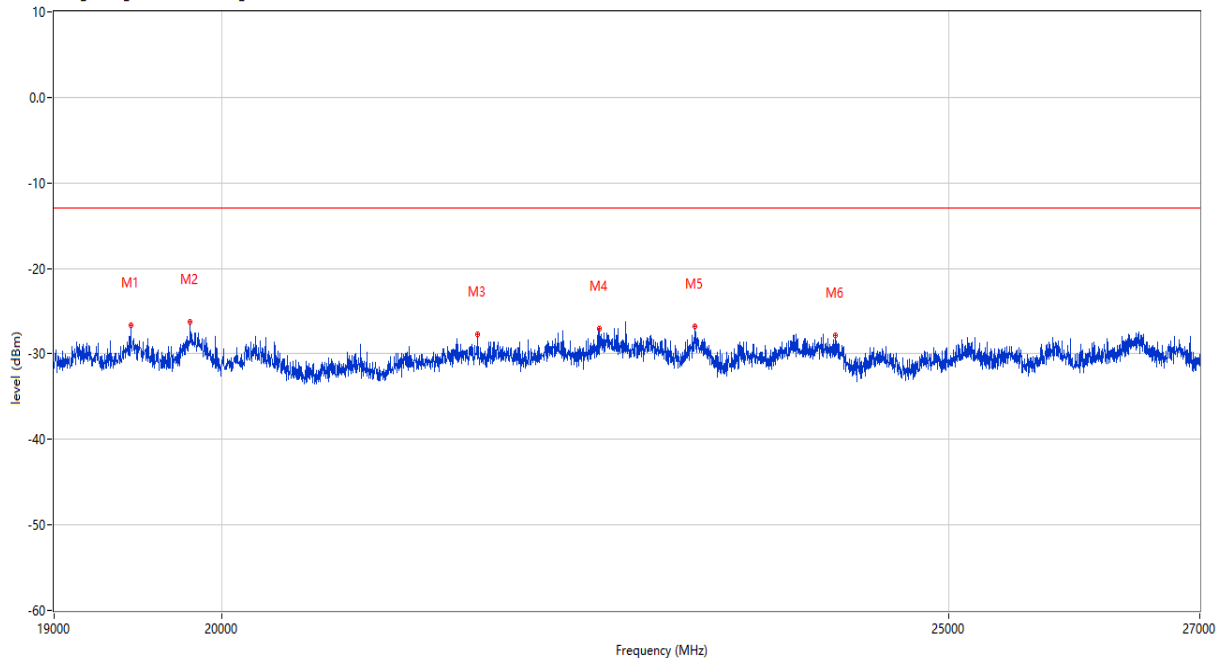
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19452.000	-26.66	14.01	-13.0	13.66	230.30	Horizontal	Vertical	Pass
19810.001	-26.22	14.29	-13.0	13.22	1.10	Horizontal	Vertical	Pass
21638.001	-27.72	15.16	-13.0	14.72	86.10	Horizontal	Vertical	Pass
22460.000	-26.99	15.74	-13.0	13.99	86.10	Horizontal	Vertical	Pass
23126.000	-26.79	15.35	-13.0	13.79	347.90	Horizontal	Vertical	Pass
24146.000	-27.89	15.70	-13.0	14.89	177.80	Horizontal	Vertical	Pass

4.4 LTE-B7-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.49.56

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

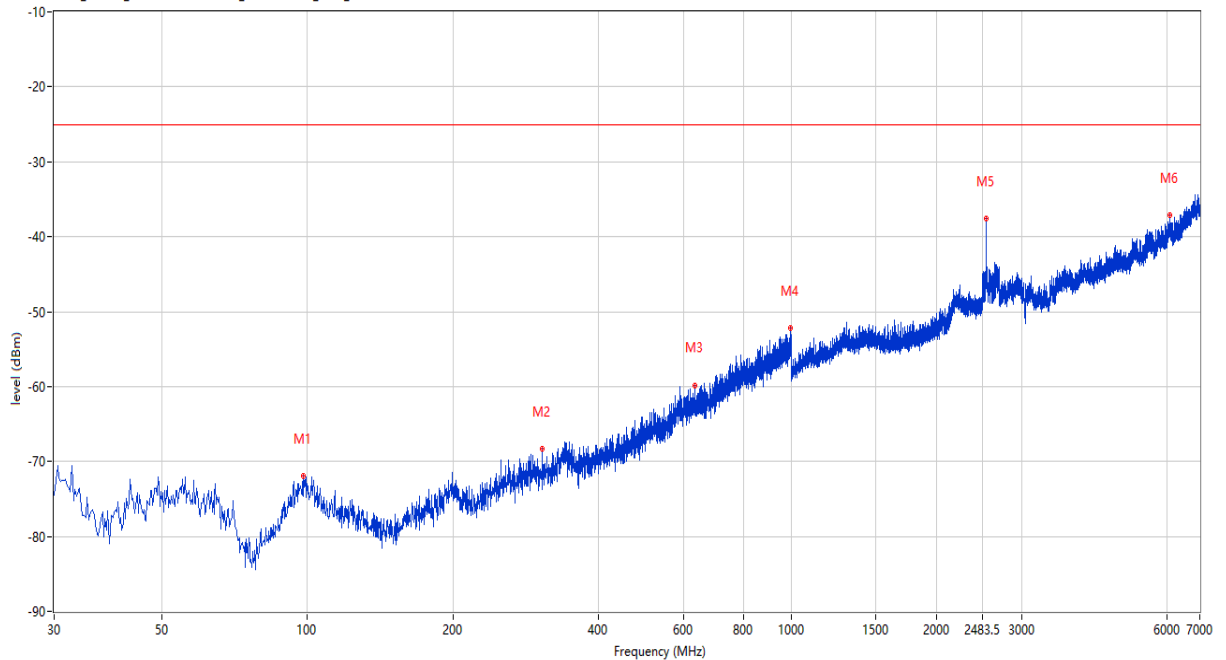
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.143	-71.97	-13.30	-25.0	46.97	135.20	Vertical	Vertical	Pass
306.693	-68.35	-11.25	-25.0	43.35	0.00	Vertical	Vertical	Pass
632.855	-59.80	-3.55	-25.0	34.80	0.00	Vertical	Vertical	Pass
997.575	-52.26	3.80	-25.0	27.26	360.00	Vertical	Vertical	Pass
2534.500	-37.61	9.91	-25.0	12.61	140.60	Vertical	Vertical	Pass
6070.000	-37.06	16.90	-25.0	12.06	126.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.16.31

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

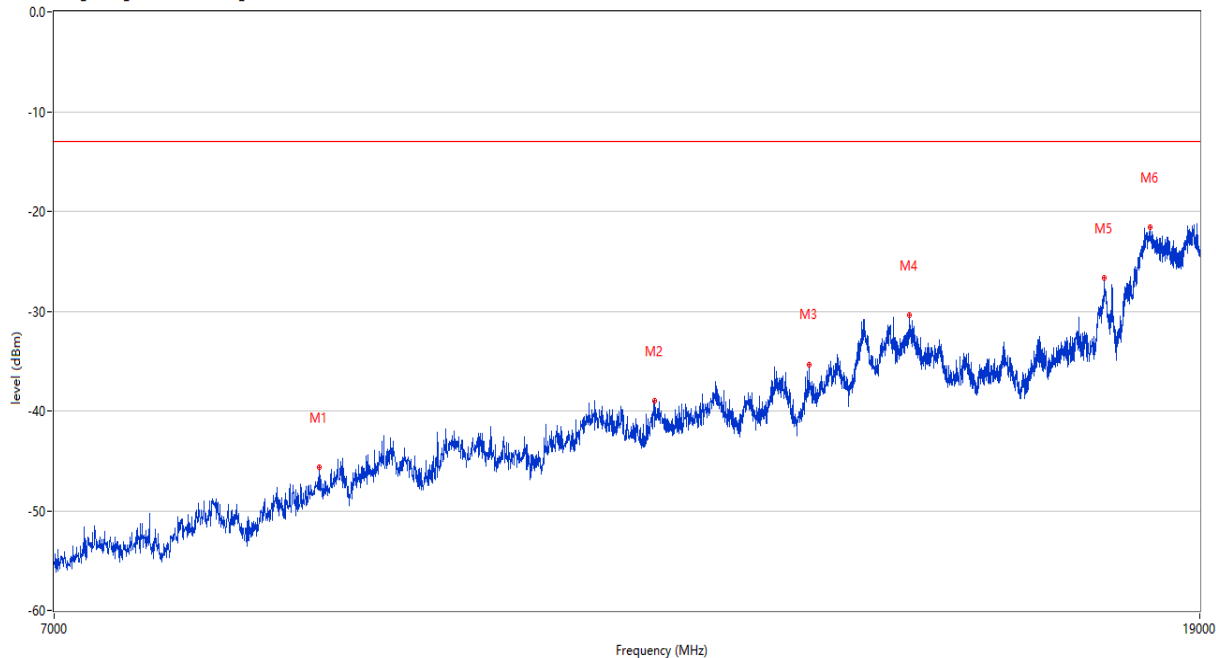
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8818.000	-45.64	25.61	-13.0	32.64	358.90	Vertical	Vertical	Pass
11812.000	-39.02	31.28	-13.0	26.02	86.80	Vertical	Vertical	Pass
13519.000	-35.33	36.14	-13.0	22.33	360.00	Vertical	Vertical	Pass
14752.000	-30.44	39.83	-13.0	17.44	323.40	Vertical	Vertical	Pass
17479.000	-26.72	42.74	-13.0	13.72	127.40	Vertical	Vertical	Pass
18190.000	-21.58	47.04	-13.0	8.58	323.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.41.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

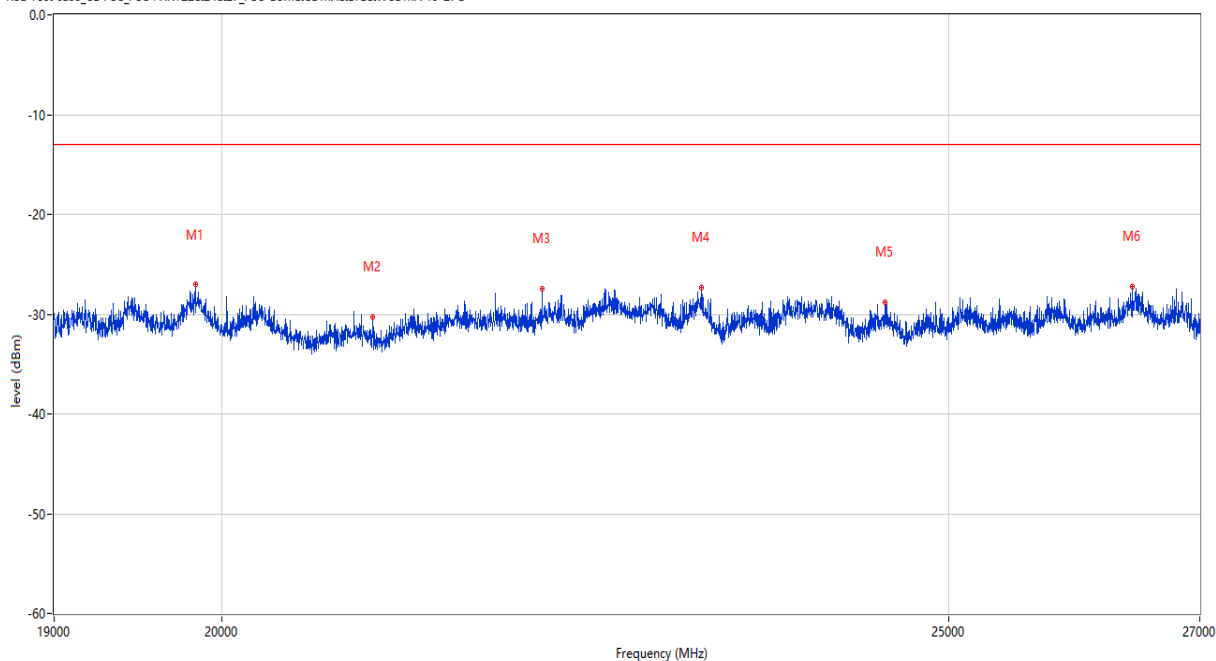
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19840.000	-27.03	14.01	-13.0	14.03	185.30	Vertical	Vertical	Pass
20952.001	-30.33	13.32	-13.0	17.33	291.40	Vertical	Vertical	Pass
22068.001	-27.49	14.93	-13.0	14.49	239.70	Vertical	Vertical	Pass
23170.001	-27.29	14.89	-13.0	14.29	360.00	Vertical	Vertical	Pass
24518.001	-28.82	13.10	-13.0	15.82	250.80	Vertical	Vertical	Pass
26446.000	-27.19	15.38	-13.0	14.19	23.40	Vertical	Vertical	Pass

4.5 LTE-B7-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_19.03.52

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

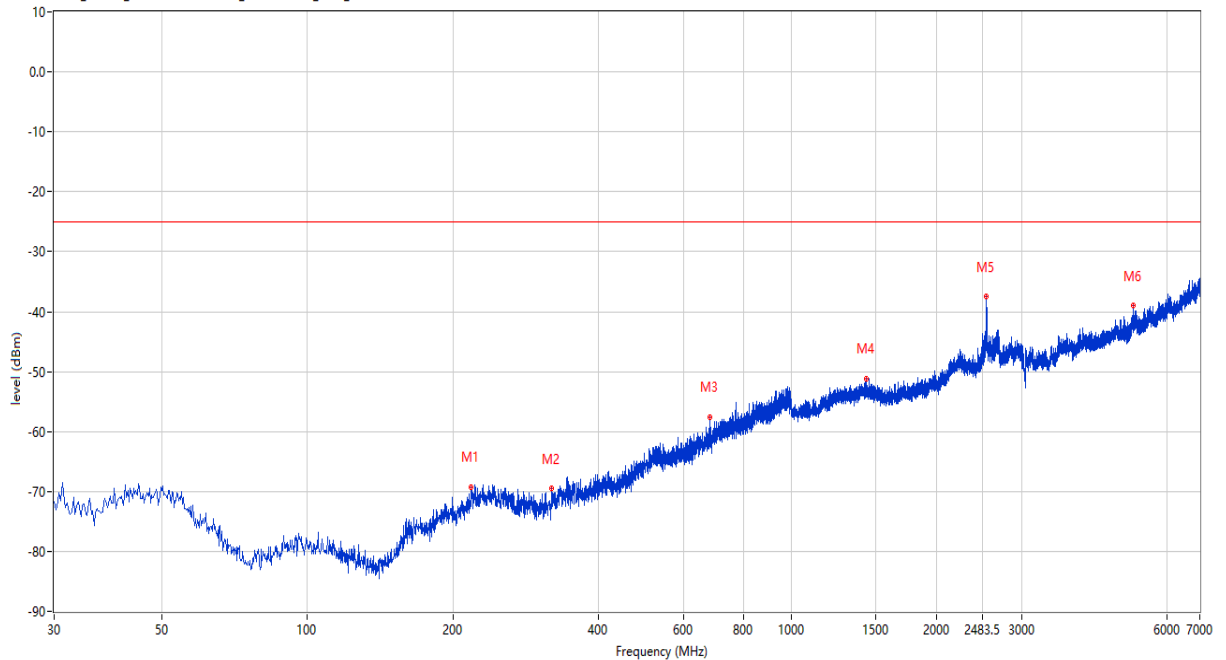
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
217.938	-69.21	-11.59	-25.0	44.21	344.70	Horizontal	Vertical	Pass
320.758	-69.56	-11.90	-25.0	44.56	132.60	Horizontal	Vertical	Pass
681.355	-57.53	-2.59	-25.0	32.53	301.80	Horizontal	Vertical	Pass
1430.500	-51.17	1.88	-25.0	26.17	0.00	Horizontal	Vertical	Pass
2533.000	-37.52	10.07	-25.0	12.52	127.20	Horizontal	Vertical	Pass
5110.000	-39.01	14.93	-25.0	14.01	180.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.25.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

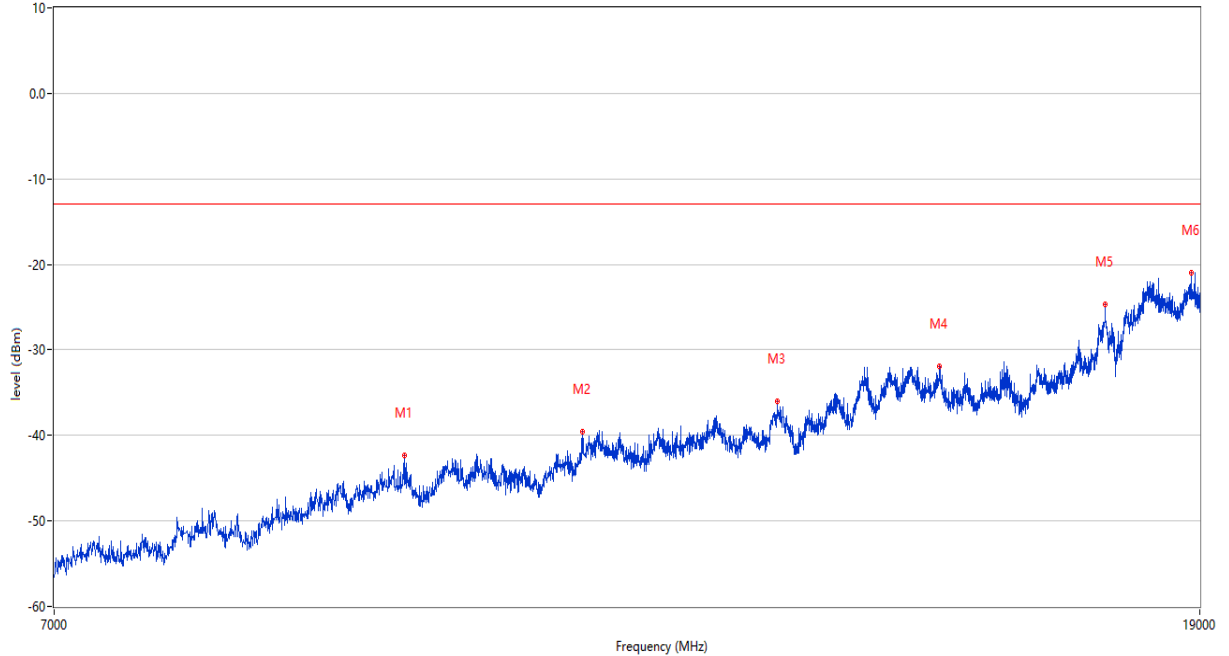
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9502.000	-42.33	28.38	-13.0	29.33	0.00	Horizontal	Vertical	Pass
11092.000	-39.57	29.37	-13.0	26.57	148.00	Horizontal	Vertical	Pass
13144.001	-36.06	34.02	-13.0	23.06	320.20	Horizontal	Vertical	Pass
15148.000	-31.87	37.35	-13.0	18.87	0.00	Horizontal	Vertical	Pass
17497.000	-24.61	45.10	-13.0	11.61	27.00	Horizontal	Vertical	Pass
18855.999	-20.98	47.12	-13.0	7.98	360.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.35.23

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

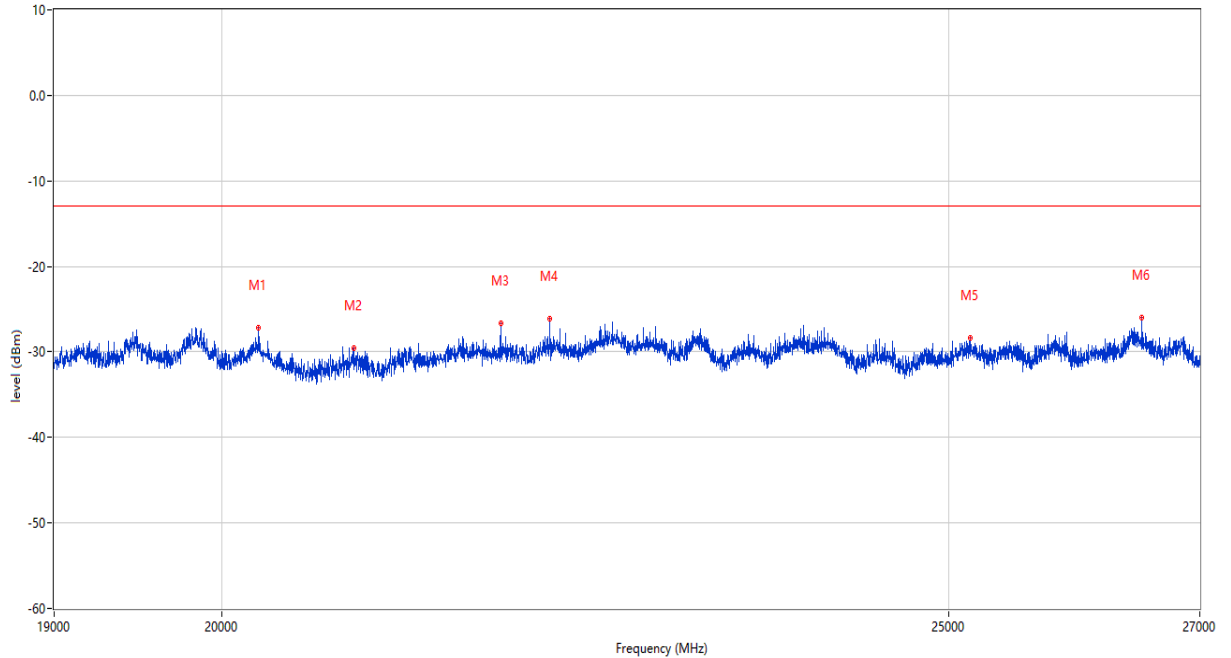
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
20230.001	-27.13	14.07	-13.0	14.13	134.90	Horizontal	Vertical	Pass
20828.000	-29.53	13.68	-13.0	16.53	313.10	Horizontal	Vertical	Pass
21788.000	-26.66	15.20	-13.0	13.66	144.20	Horizontal	Vertical	Pass
22119.999	-26.17	15.38	-13.0	13.17	354.30	Horizontal	Vertical	Pass
25166.000	-28.41	15.23	-13.0	15.41	250.40	Horizontal	Vertical	Pass
26525.999	-25.98	16.00	-13.0	12.98	197.50	Horizontal	Vertical	Pass

4.6 LTE-B7-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.53.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

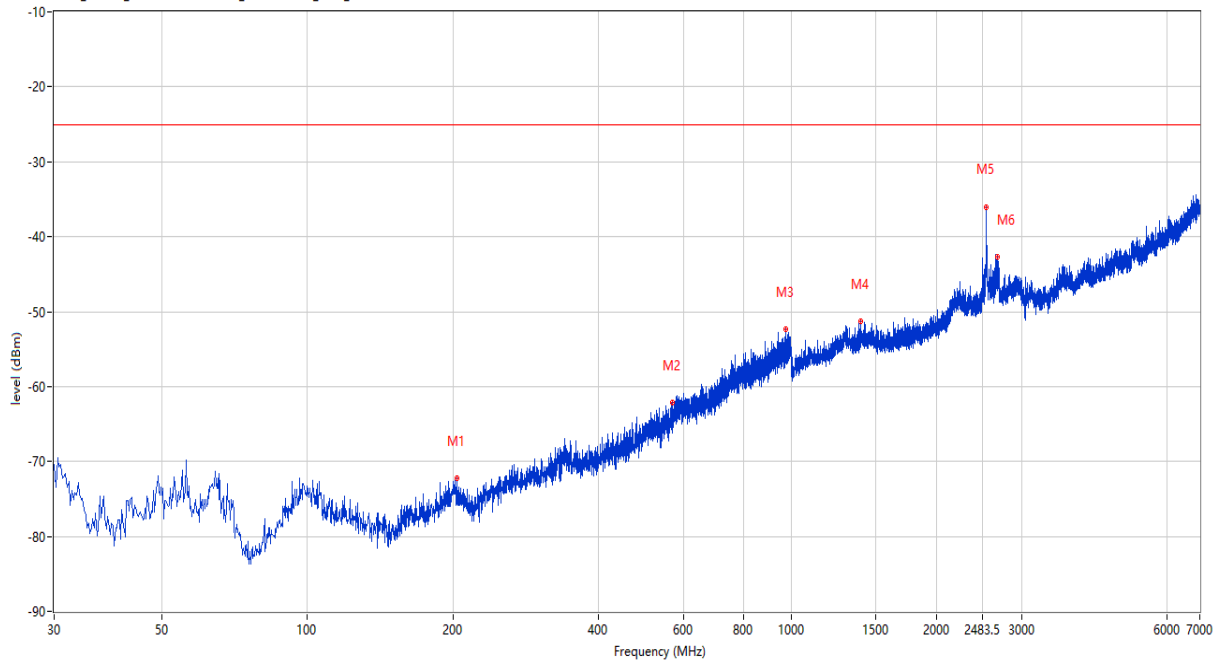
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
203.872	-72.22	-14.37	-25.0	47.22	250.30	Vertical	Vertical	Pass
568.107	-62.19	-4.95	-25.0	37.19	188.20	Vertical	Vertical	Pass
974.537	-52.32	3.26	-25.0	27.32	359.40	Vertical	Vertical	Pass
1391.000	-51.34	1.37	-25.0	26.34	128.20	Vertical	Vertical	Pass
2534.000	-36.00	9.90	-25.0	11.00	116.30	Vertical	Vertical	Pass
2677.500	-42.68	10.83	-25.0	17.68	360.00	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.18.17

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

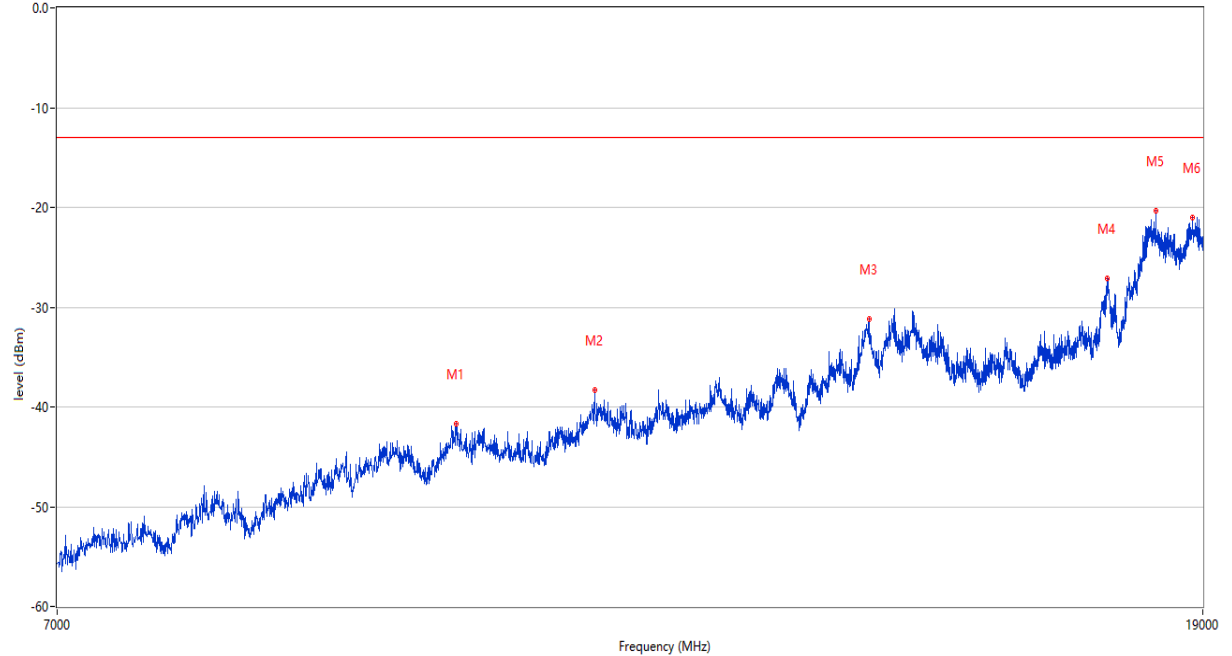
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9910.000	-41.73	29.96	-13.0	28.73	147.80	Vertical	Vertical	Pass
11185.000	-38.28	30.84	-13.0	25.28	329.00	Vertical	Vertical	Pass
14209.000	-31.22	39.68	-13.0	18.22	106.90	Vertical	Vertical	Pass
17482.000	-27.13	42.91	-13.0	14.13	329.00	Vertical	Vertical	Pass
18240.999	-20.39	47.10	-13.0	7.39	201.40	Vertical	Vertical	Pass
18829.001	-20.97	47.86	-13.0	7.97	212.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.40.12

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

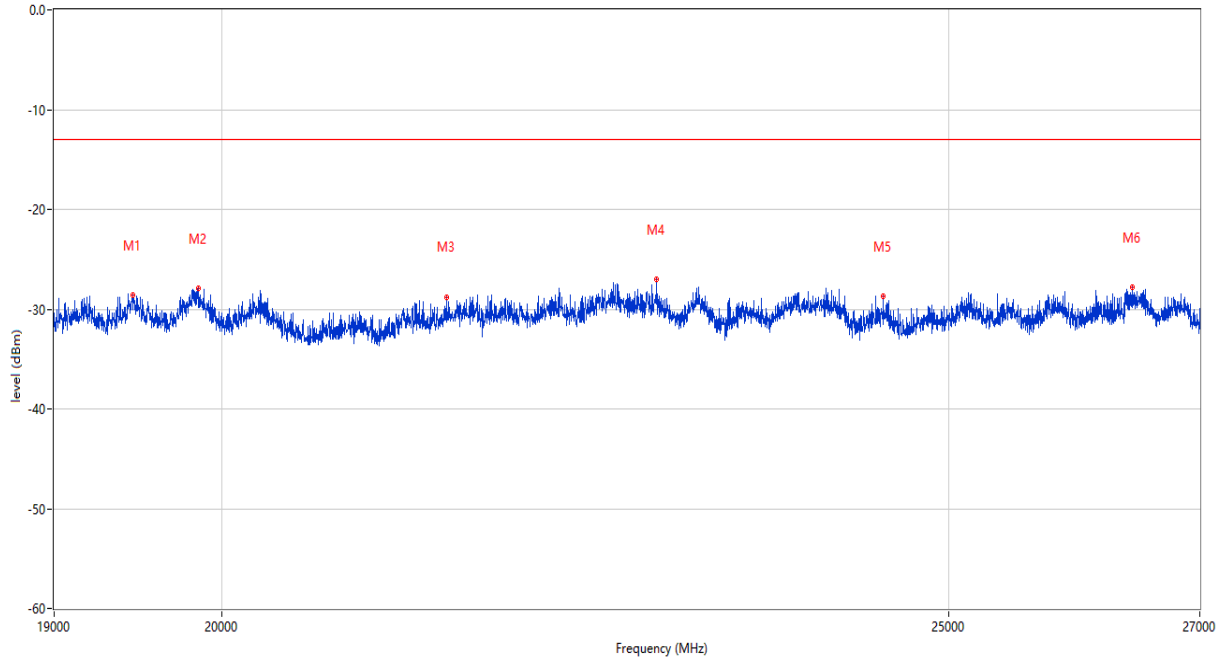
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19462.001	-28.56	13.57	-13.0	15.56	188.80	Vertical	Vertical	Pass
19858.000	-27.92	14.04	-13.0	14.92	228.20	Vertical	Vertical	Pass
21428.001	-28.76	14.56	-13.0	15.76	25.40	Vertical	Vertical	Pass
22858.000	-27.06	15.18	-13.0	14.06	13.80	Vertical	Vertical	Pass
24502.000	-28.70	13.04	-13.0	15.70	57.40	Vertical	Vertical	Pass
26447.999	-27.83	15.39	-13.0	14.83	324.60	Vertical	Vertical	Pass

4.7 LTE-B7-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_19.48.32

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

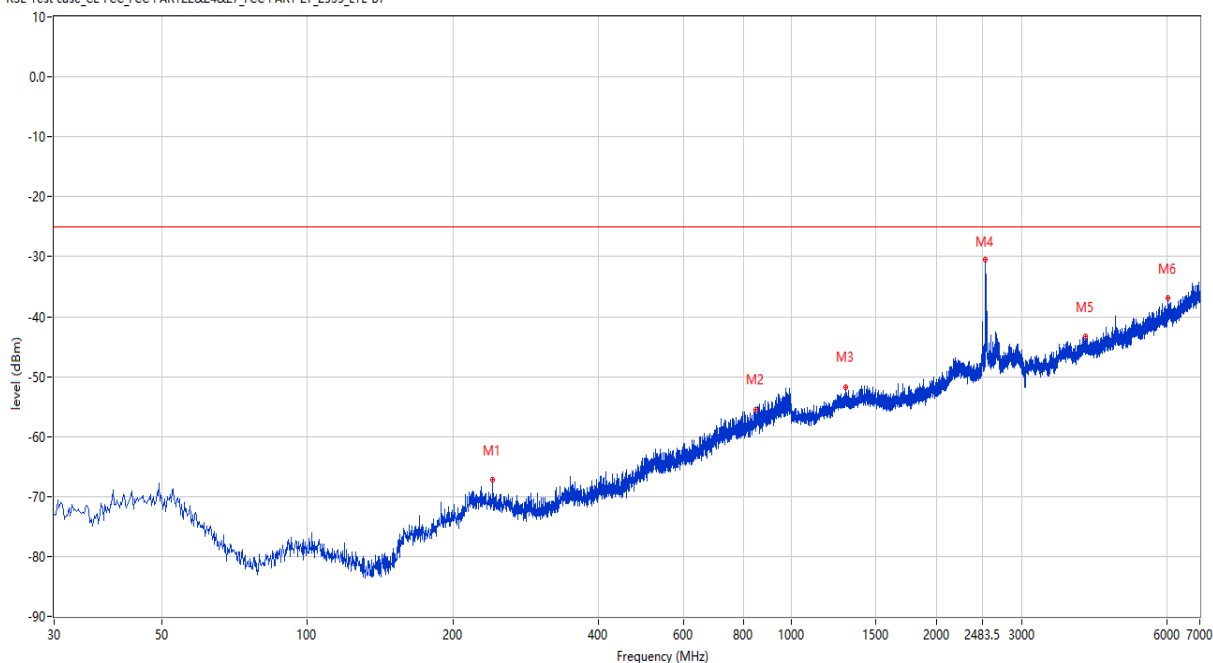
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
242.188	-67.14	-11.09	-25.0	42.14	162.20	Horizontal	Vertical	Pass
844.315	-55.49	0.97	-25.0	30.49	0.00	Horizontal	Vertical	Pass
1298.500	-51.76	1.26	-25.0	26.76	360.00	Horizontal	Vertical	Pass
2526.500	-34.66	9.99	-25.0	9.66	319.10	Horizontal	Vertical	Pass
4058.000	-43.38	12.52	-25.0	18.38	59.50	Horizontal	Vertical	Pass
6028.000	-36.92	16.87	-25.0	11.92	88.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.22.09

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

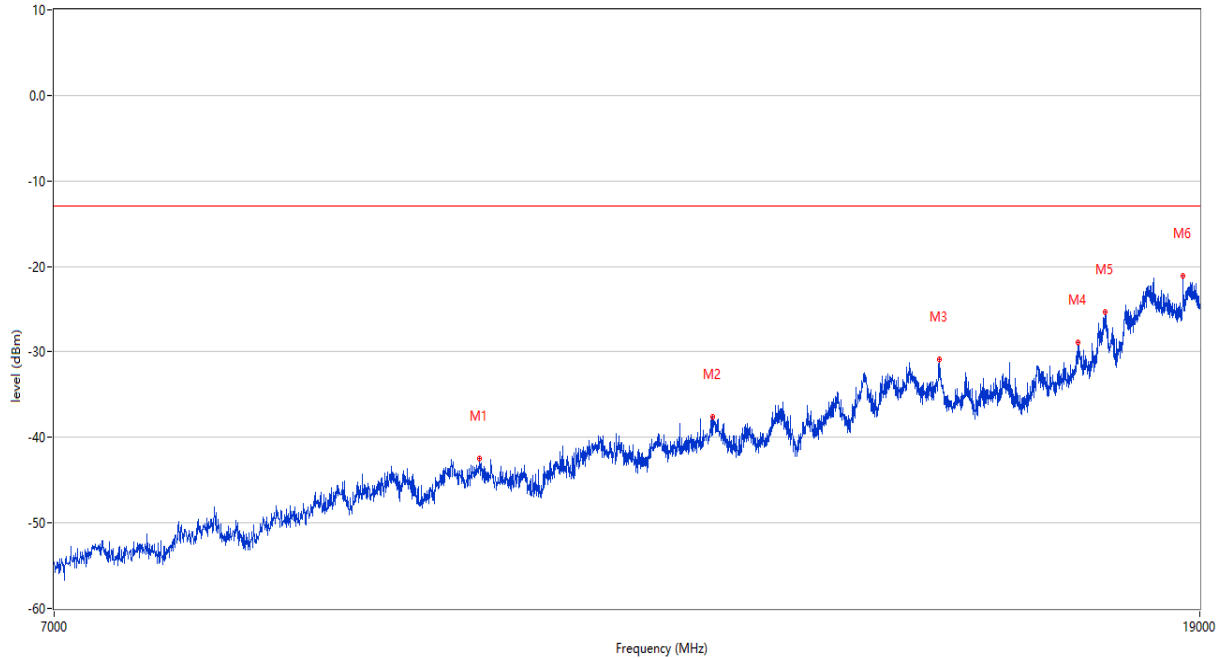
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10144.000	-42.50	28.51	-13.0	29.50	360.00	Horizontal	Vertical	Pass
12423.999	-37.63	32.30	-13.0	24.63	286.30	Horizontal	Vertical	Pass
15148.000	-30.81	37.35	-13.0	17.81	347.80	Horizontal	Vertical	Pass
17089.000	-28.92	40.39	-13.0	15.92	286.30	Horizontal	Vertical	Pass
17500.000	-25.26	45.16	-13.0	12.26	1.20	Horizontal	Vertical	Pass
18720.999	-21.15	46.95	-13.0	8.15	274.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.37.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

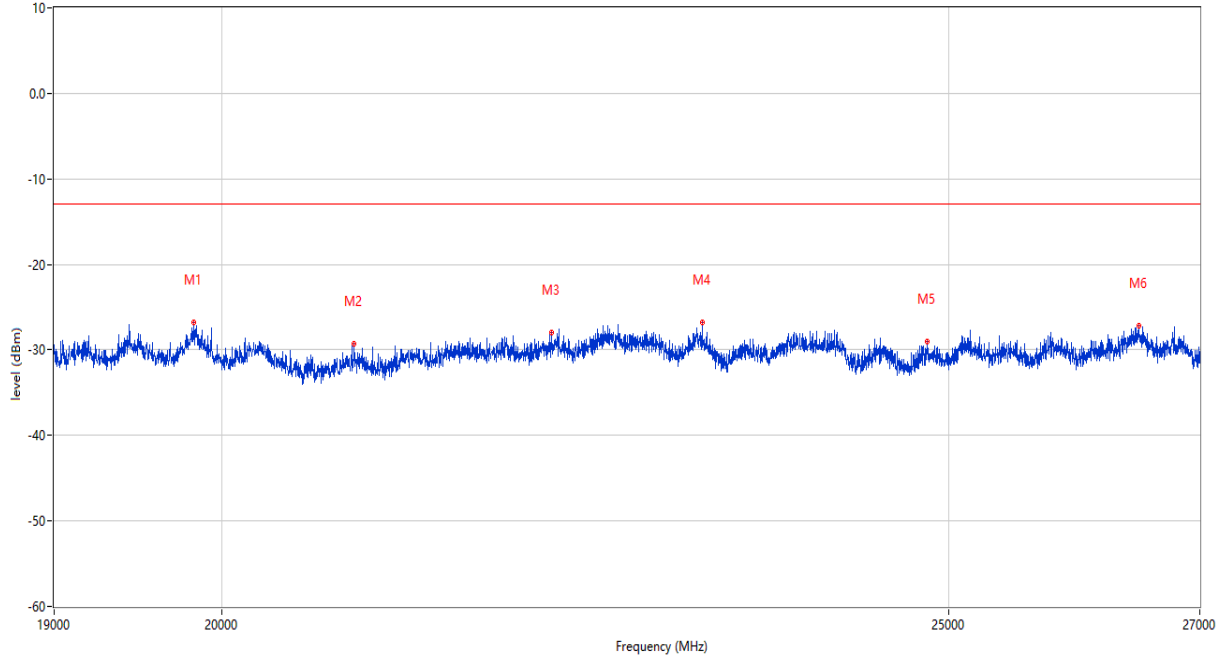
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19830.000	-26.82	14.31	-13.0	13.82	6.40	Horizontal	Vertical	Pass
20832.000	-29.27	13.69	-13.0	16.27	133.50	Horizontal	Vertical	Pass
22134.000	-27.90	15.39	-13.0	14.90	91.80	Horizontal	Vertical	Pass
23178.000	-26.82	15.28	-13.0	13.82	37.50	Horizontal	Vertical	Pass
24836.000	-29.02	14.56	-13.0	16.02	68.80	Horizontal	Vertical	Pass
26503.999	-27.16	16.04	-13.0	14.16	287.20	Horizontal	Vertical	Pass

4.8 LTE-B7-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_18.56.28

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

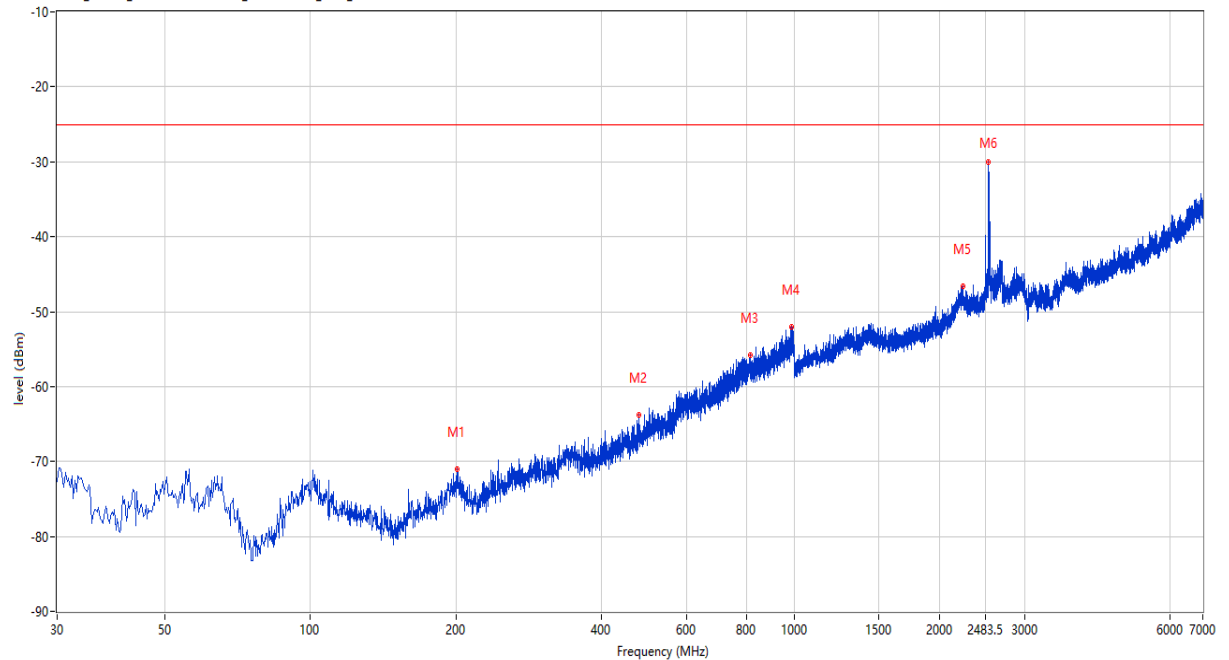
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_2535_LTE B7



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
201.205	-71.05	-13.88	-25.0	46.05	360.00	Vertical	Vertical	Pass
478.867	-63.75	-7.27	-25.0	38.75	189.10	Vertical	Vertical	Pass
812.790	-55.82	0.32	-25.0	30.82	336.40	Vertical	Vertical	Pass
988.602	-52.03	3.59	-25.0	27.03	112.00	Vertical	Vertical	Pass
2235.000	-46.68	6.80	-25.0	21.68	297.90	Vertical	Vertical	Pass
2526.500	-30.04	9.79	-25.0	5.04	136.80	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.20.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

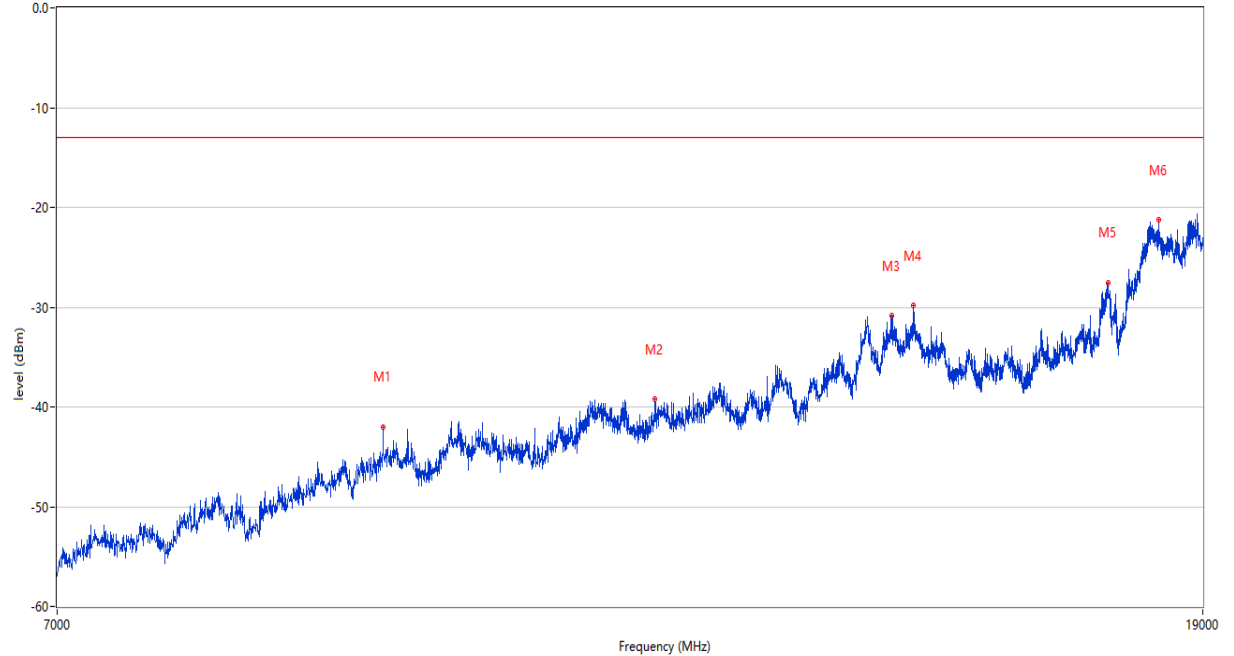
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9301.000	-41.99	28.18	-13.0	28.99	332.90	Vertical	Vertical	Pass
11785.000	-39.20	30.91	-13.0	26.20	221.20	Vertical	Vertical	Pass
14491.000	-30.88	38.70	-13.0	17.88	41.00	Vertical	Vertical	Pass
14764.000	-29.88	39.86	-13.0	16.88	221.20	Vertical	Vertical	Pass
17490.999	-27.60	43.18	-13.0	14.60	294.20	Vertical	Vertical	Pass
18286.000	-21.20	47.16	-13.0	8.20	71.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-12_19.38.50

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

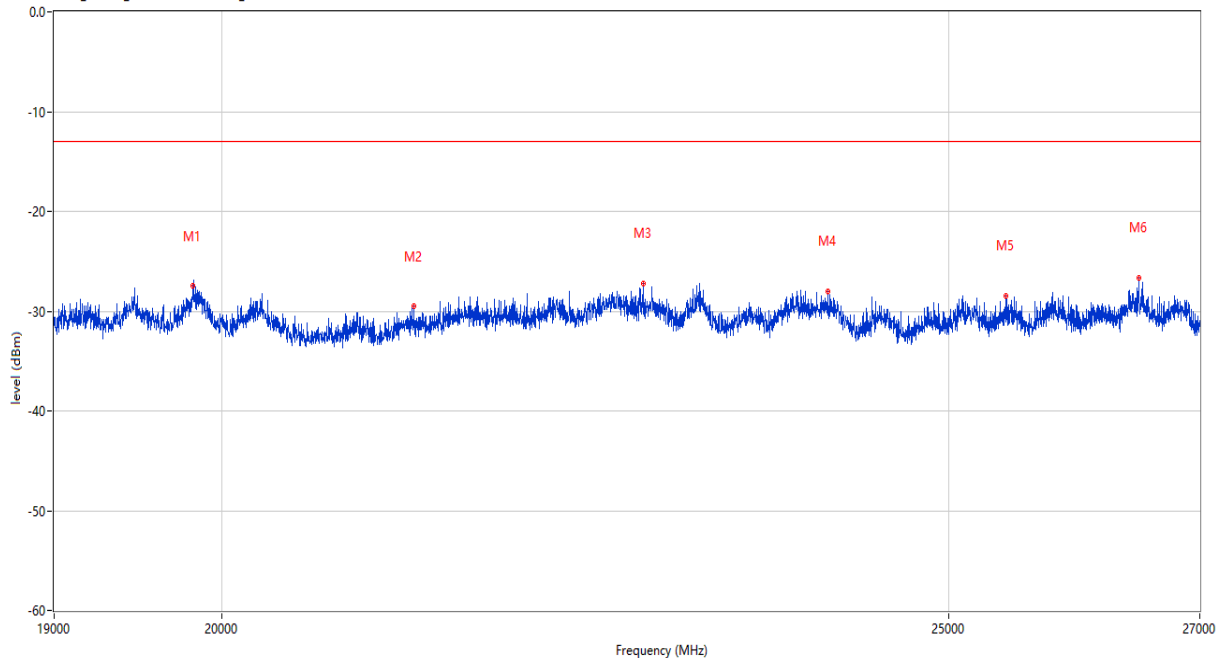
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19828.001	-27.48	13.99	-13.0	14.48	303.60	Vertical	Vertical	Pass
21216.000	-29.45	13.95	-13.0	16.45	175.90	Vertical	Vertical	Pass
22763.999	-27.18	15.22	-13.0	14.18	3.40	Vertical	Vertical	Pass
24088.001	-27.97	15.76	-13.0	14.97	64.30	Vertical	Vertical	Pass
25437.999	-28.47	15.01	-13.0	15.47	292.50	Vertical	Vertical	Pass
26502.001	-26.63	15.48	-13.0	13.63	303.60	Vertical	Vertical	Pass

5 LTE B12

5.1 LTE-B12-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.19.04

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

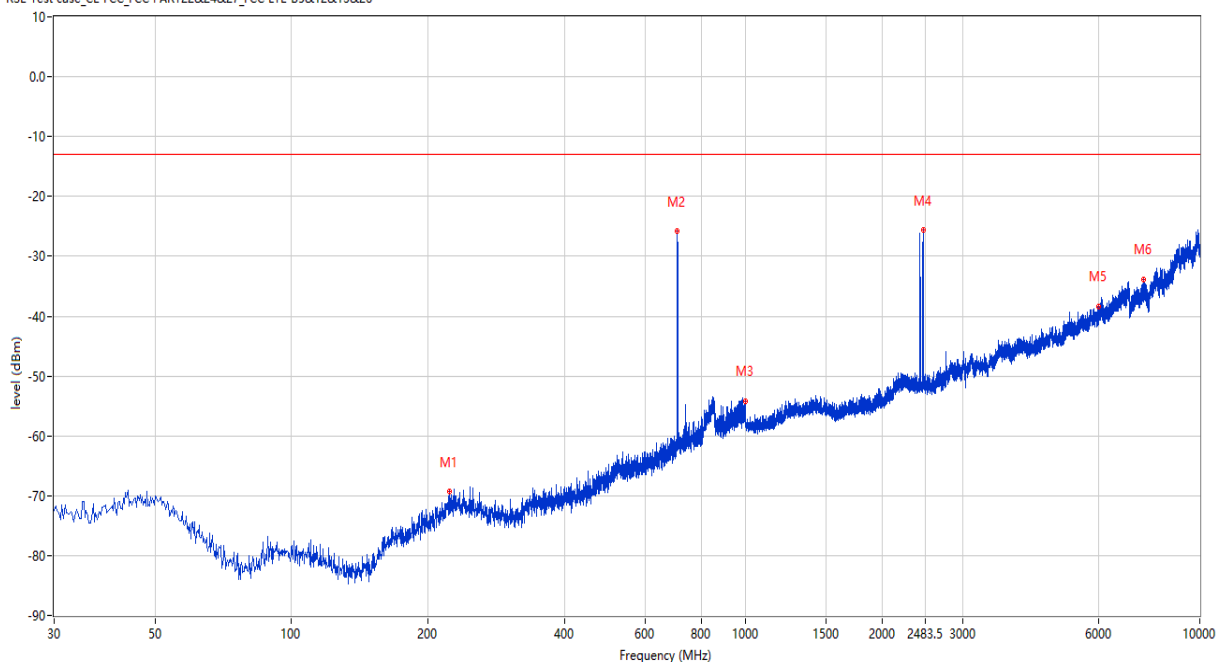
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
222.303	-69.32	-11.83	-13.0	56.32	286.40	Horizontal	Vertical	Pass
707.545	-25.82	-2.88	-13.0	12.82	120.40	Horizontal	Vertical	Pass
996.847	-54.22	2.29	-13.0	41.22	120.40	Horizontal	Vertical	Pass
2465.500	-25.68	4.19	-13.0	12.68	79.10	Horizontal	Vertical	Pass
5976.000	-38.33	16.14	-13.0	25.33	135.70	Horizontal	Vertical	Pass
7520.500	-33.86	21.05	-13.0	20.86	359.80	Horizontal	Vertical	Pass

5.2 LTE-B12-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.10.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

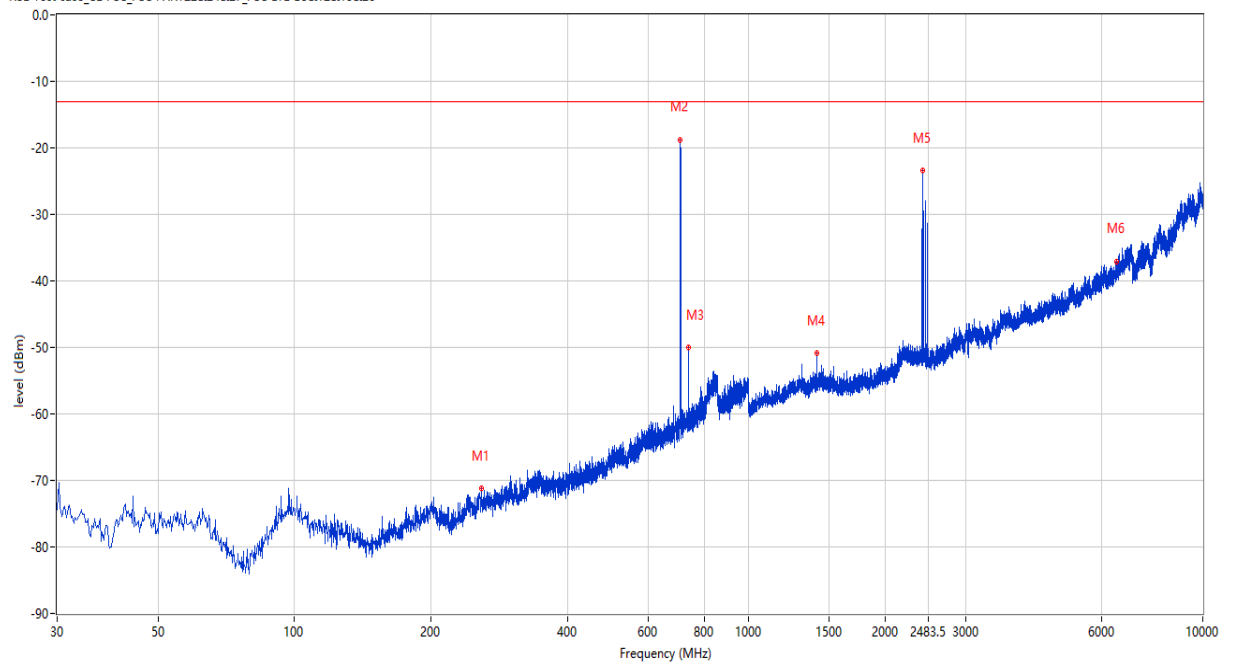
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
257.465	-71.21	-13.72	-13.0	58.21	200.20	Vertical	Vertical	Pass
707.302	-18.73	-3.39	-13.0	5.73	136.20	Vertical	Vertical	Pass
737.857	-50.05	-2.39	-13.0	37.05	303.30	Vertical	Vertical	Pass
1414.500	-50.86	-0.14	-13.0	37.86	94.30	Vertical	Vertical	Pass
2421.500	-23.43	4.32	-13.0	10.43	21.80	Vertical	Vertical	Pass
6472.000	-37.10	17.73	-13.0	24.10	20.00	Vertical	Vertical	Pass

5.3 LTE-B12-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.22.25

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

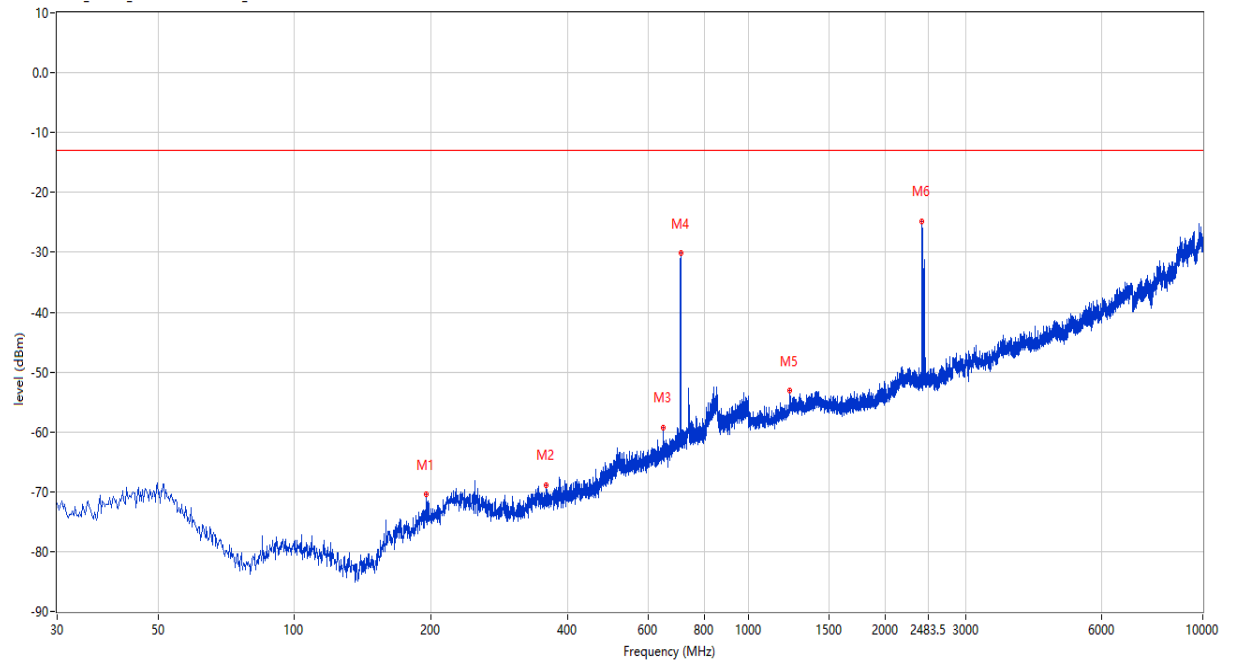
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
195.385	-70.44	-14.76	-13.0	57.44	260.90	Horizontal	Vertical	Pass
358.587	-68.92	-11.25	-13.0	55.92	157.00	Horizontal	Vertical	Pass
647.405	-59.26	-4.75	-13.0	46.26	344.90	Horizontal	Vertical	Pass
708.030	-30.19	-2.87	-13.0	17.19	54.70	Horizontal	Vertical	Pass
1229.000	-53.17	-0.82	-13.0	40.17	342.90	Horizontal	Vertical	Pass
2410.000	-24.84	4.16	-13.0	11.84	220.10	Horizontal	Vertical	Pass

5.4 LTE-B12-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.05.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

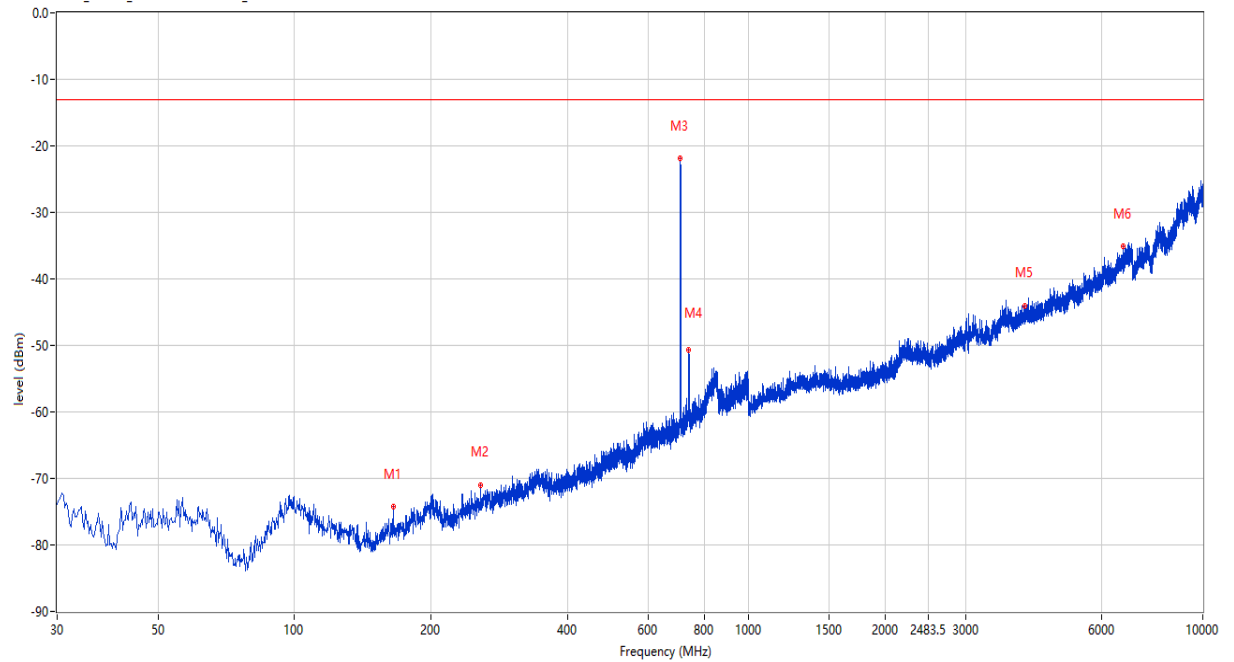
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
164.830	-74.29	-17.95	-13.0	61.29	181.10	Vertical	Vertical	Pass
256.737	-71.01	-13.80	-13.0	58.01	138.30	Vertical	Vertical	Pass
706.333	-21.92	-3.44	-13.0	8.92	200.40	Vertical	Vertical	Pass
736.887	-50.70	-2.42	-13.0	37.70	29.70	Vertical	Vertical	Pass
4062.000	-44.06	12.45	-13.0	31.06	0.30	Vertical	Vertical	Pass
6665.000	-35.09	18.54	-13.0	22.09	0.30	Vertical	Vertical	Pass

5.5 LTE-B12-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.25.56

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

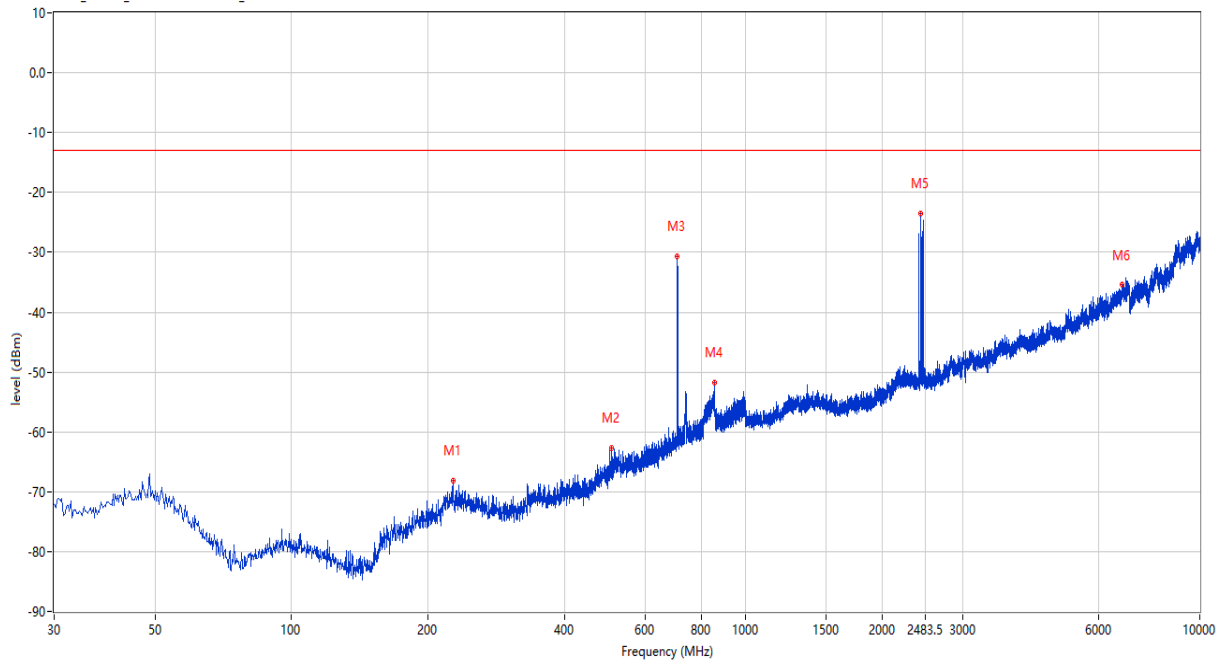
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
226.425	-68.14	-11.78	-13.0	55.14	220.80	Horizontal	Vertical	Pass
506.270	-62.64	-6.98	-13.0	49.64	76.40	Horizontal	Vertical	Pass
706.575	-30.59	-2.91	-13.0	17.59	85.70	Horizontal	Vertical	Pass
853.045	-51.72	3.54	-13.0	38.72	272.50	Horizontal	Vertical	Pass
2424.000	-23.48	4.21	-13.0	10.48	270.70	Horizontal	Vertical	Pass
6731.000	-35.40	18.86	-13.0	22.40	92.60	Horizontal	Vertical	Pass

5.6 LTE-B12-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.00.38

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

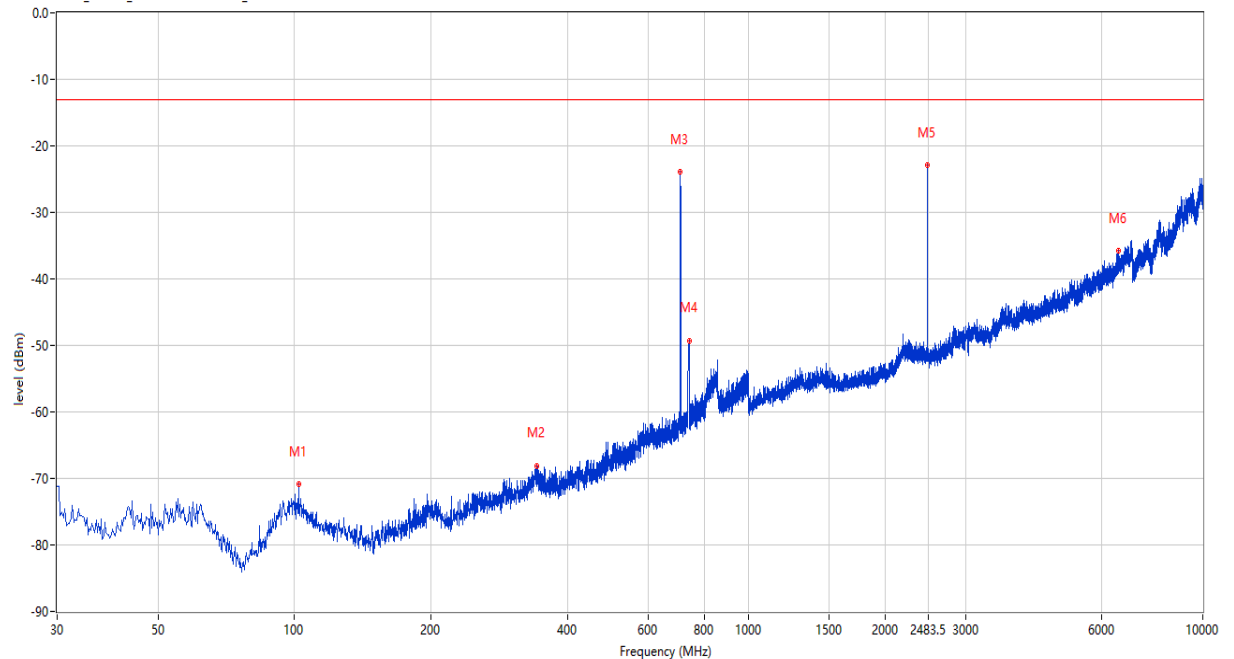
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
102.022	-70.87	-14.57	-13.0	57.87	67.40	Vertical	Vertical	Pass
341.127	-68.13	-9.94	-13.0	55.13	293.60	Vertical	Vertical	Pass
706.333	-23.91	-3.44	-13.0	10.91	293.60	Vertical	Vertical	Pass
739.313	-49.28	-2.34	-13.0	36.28	1.40	Vertical	Vertical	Pass
2478.500	-22.96	3.84	-13.0	9.96	358.30	Vertical	Vertical	Pass
6522.000	-35.84	18.03	-13.0	22.84	8.10	Vertical	Vertical	Pass

5.7 LTE-B12-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_20.29.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

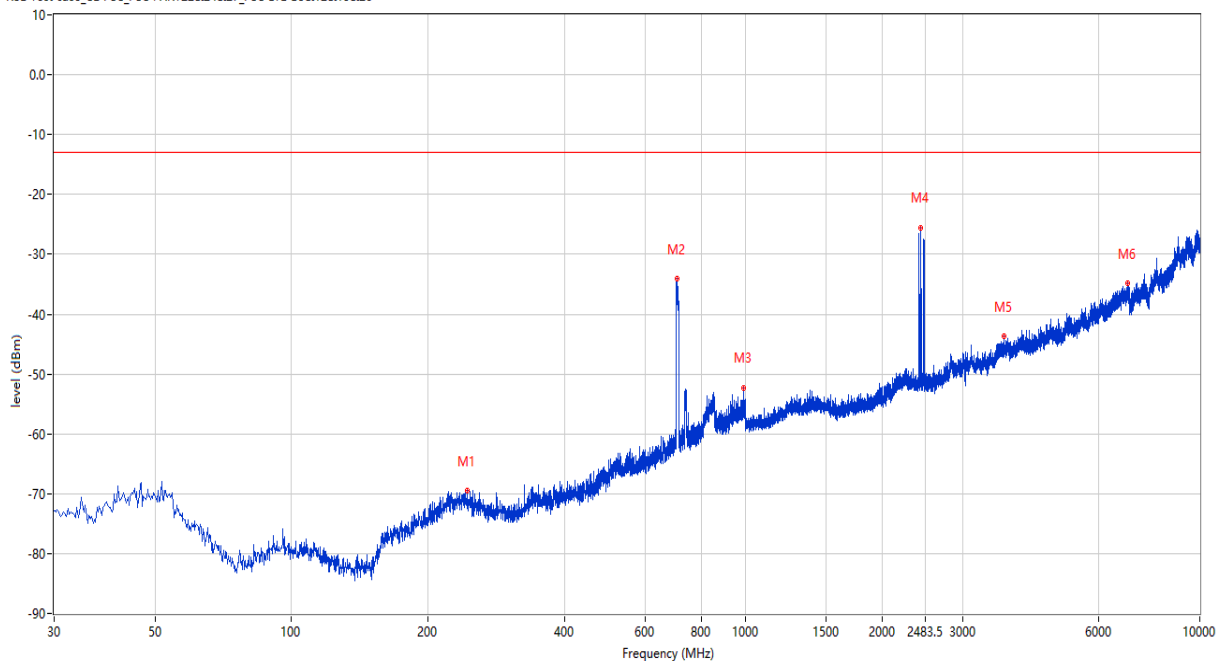
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
244.128	-69.56	-12.02	-13.0	56.56	237.90	Horizontal	Vertical	Pass
707.545	-34.11	-2.88	-13.0	21.11	85.60	Horizontal	Vertical	Pass
989.330	-52.24	2.08	-13.0	39.24	147.10	Horizontal	Vertical	Pass
2427.500	-25.56	4.29	-13.0	12.56	169.90	Horizontal	Vertical	Pass
3708.000	-43.71	11.69	-13.0	30.71	237.60	Horizontal	Vertical	Pass
6942.000	-34.91	19.33	-13.0	21.91	306.00	Horizontal	Vertical	Pass

5.8 LTE-B12-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-12_19.56.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

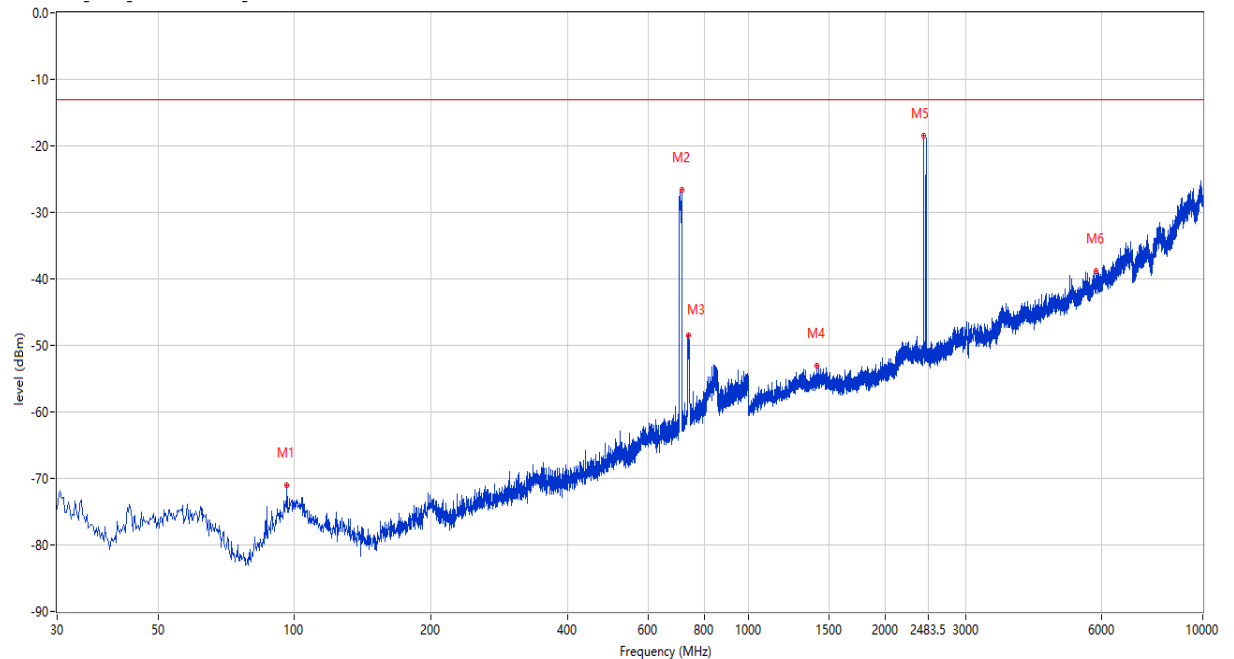
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
96.202	-71.05	-14.60	-13.0	58.05	28.20	Vertical	Vertical	Pass
711.667	-26.67	-3.24	-13.0	13.67	132.40	Vertical	Vertical	Pass
737.857	-48.47	-2.39	-13.0	35.47	341.50	Vertical	Vertical	Pass
1412.500	-53.07	-0.13	-13.0	40.07	164.70	Vertical	Vertical	Pass
2428.500	-18.52	4.38	-13.0	5.52	70.20	Vertical	Vertical	Pass
5819.000	-38.82	15.86	-13.0	25.82	360.00	Vertical	Vertical	Pass

6 LTE B13

6.1 LTE-B13-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_18.46.42

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

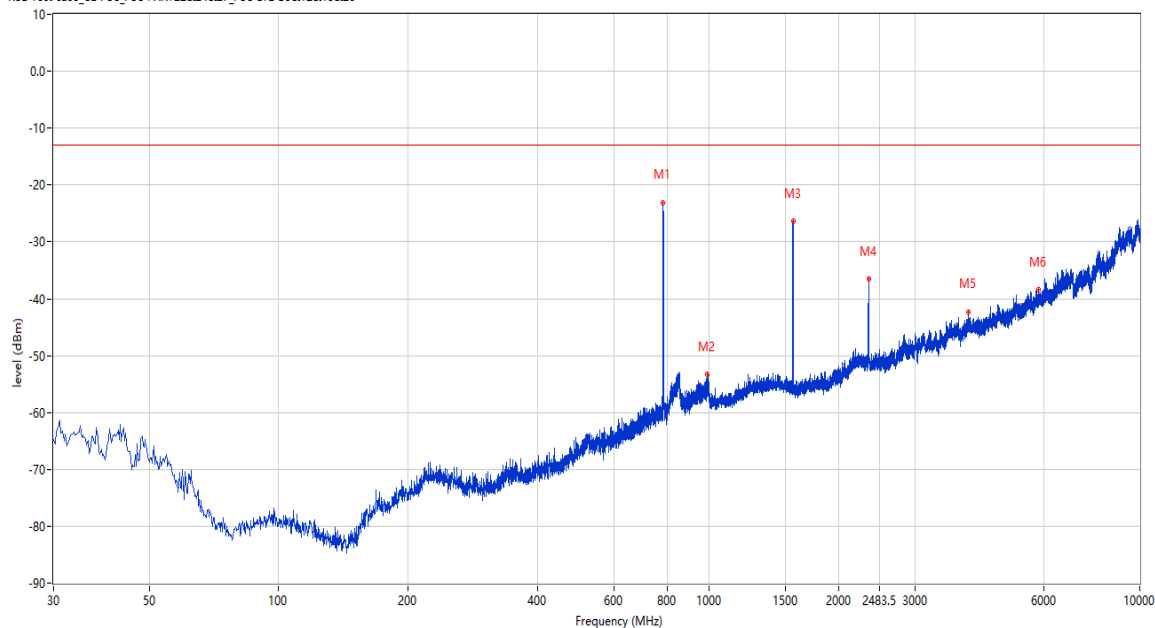
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27 FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
780.537	-23.13	-1.92	-13.0	10.13	113.60	Horizontal	Vertical	Pass
987.148	-53.28	2.03	-13.0	40.28	74.10	Horizontal	Vertical	Pass
1567.500	-26.43	-0.87	-13.0	13.43	0.00	Horizontal	Vertical	Pass
2348.000	-36.57	3.83	-13.0	23.57	18.70	Horizontal	Vertical	Pass
3989.000	-42.29	12.51	-13.0	29.29	0.00	Horizontal	Vertical	Pass
5831.000	-38.48	16.29	-13.0	25.48	172.10	Horizontal	Vertical	Pass

6.2 LTE-B13-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.29.25

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

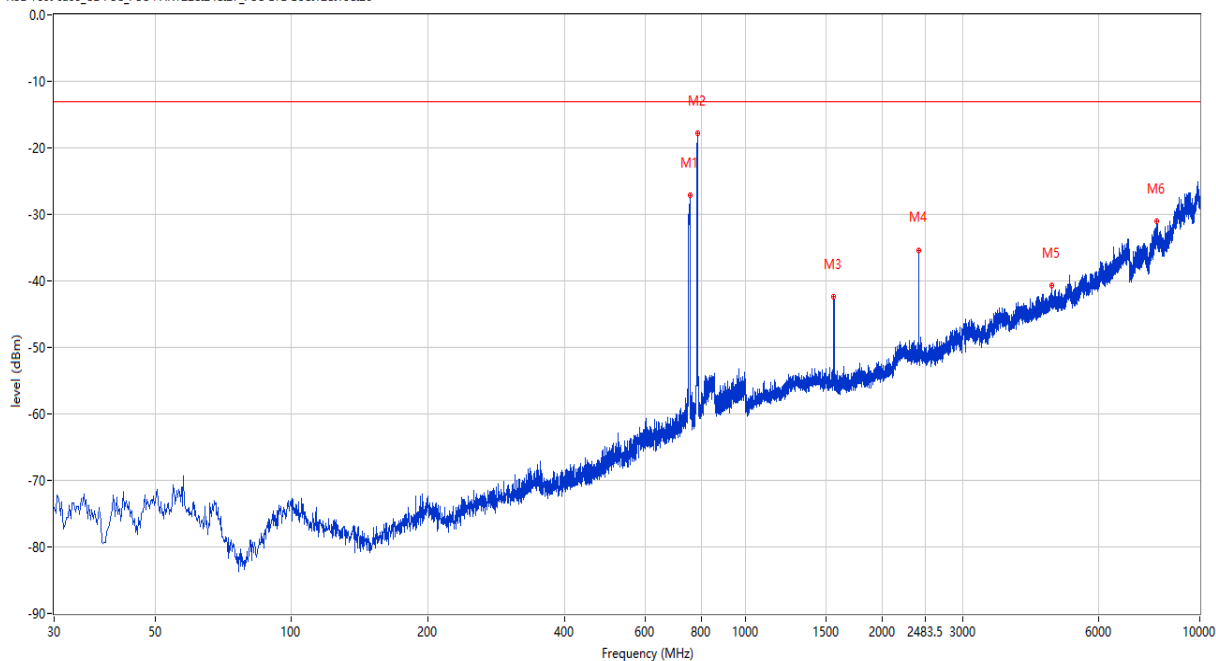
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
753.135	-27.18	-2.14	-13.0	14.18	39.90	Vertical	Vertical	Pass
783.690	-17.87	-1.36	-13.0	4.87	39.90	Vertical	Vertical	Pass
1564.000	-42.41	-0.69	-13.0	29.41	141.30	Vertical	Vertical	Pass
2405.500	-35.36	4.39	-13.0	22.36	244.00	Vertical	Vertical	Pass
4715.000	-40.73	13.45	-13.0	27.73	65.70	Vertical	Vertical	Pass
8043.250	-31.08	24.49	-13.0	18.08	275.60	Vertical	Vertical	Pass

6.3 LTE-B13-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.03.22

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

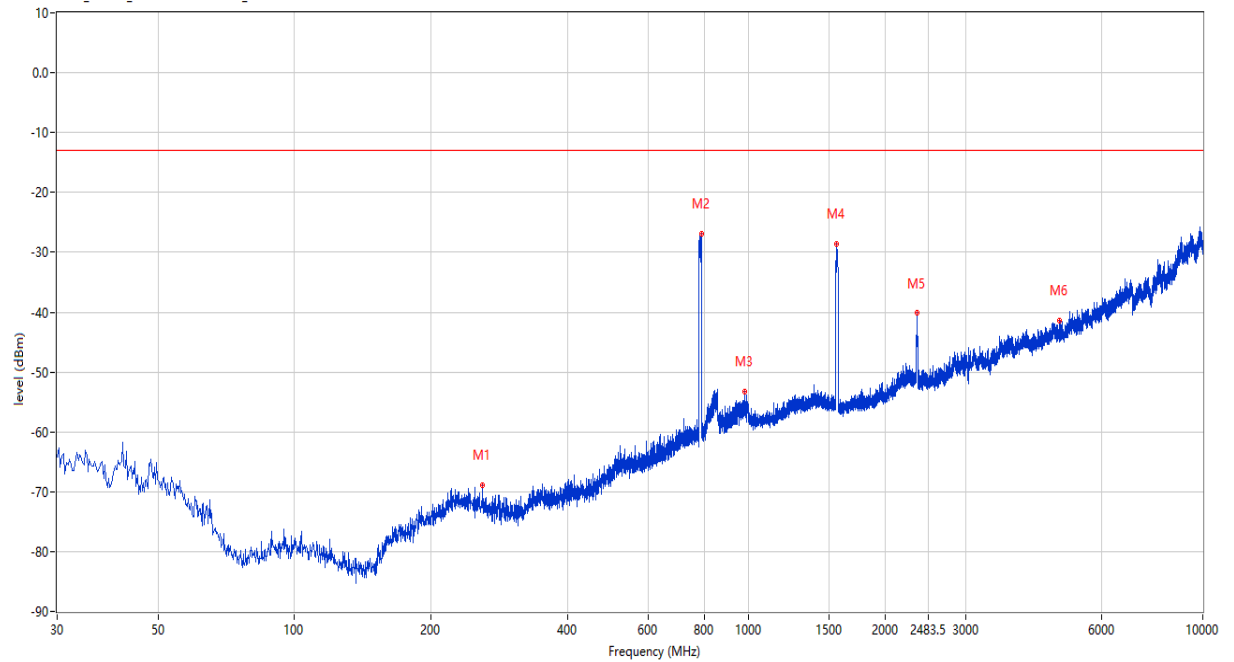
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
258.920	-68.91	-12.38	-13.0	55.91	344.30	Horizontal	Vertical	Pass
786.358	-26.83	-1.81	-13.0	13.83	127.30	Horizontal	Vertical	Pass
981.570	-53.25	1.91	-13.0	40.25	168.60	Horizontal	Vertical	Pass
1564.000	-28.52	-0.82	-13.0	15.52	1.50	Horizontal	Vertical	Pass
2350.000	-40.14	3.85	-13.0	27.14	17.40	Horizontal	Vertical	Pass
4843.000	-41.34	13.23	-13.0	28.34	20.30	Horizontal	Vertical	Pass

6.4 LTE-B13-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.33.08

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

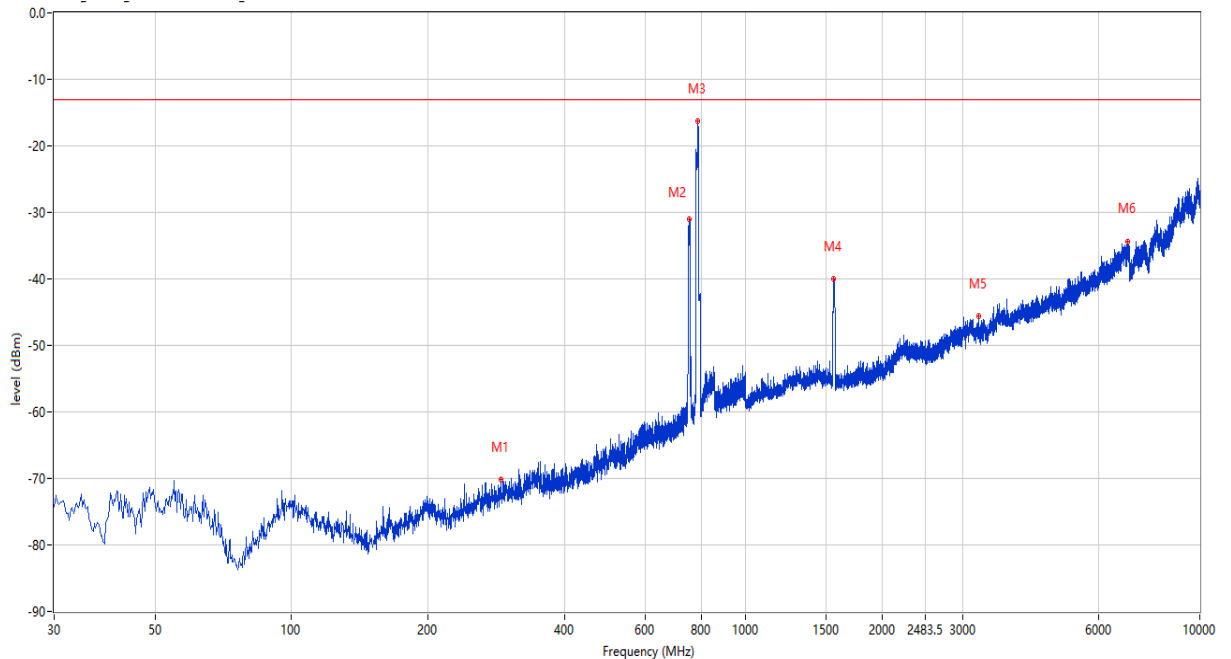
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B5&12&13&26



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
289.475	-70.24	-12.48	-13.0	57.24	51.00	Vertical	Vertical	Pass
750.225	-31.03	-2.22	-13.0	18.03	237.80	Vertical	Vertical	Pass
784.660	-16.34	-1.33	-13.0	3.34	51.00	Vertical	Vertical	Pass
1564.500	-40.04	-0.69	-13.0	27.04	126.80	Vertical	Vertical	Pass
3255.000	-45.65	9.30	-13.0	32.65	2.40	Vertical	Vertical	Pass
6927.000	-34.35	19.15	-13.0	21.35	319.50	Vertical	Vertical	Pass

7 LTE B17

7.1 LTE-B17-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.07.46

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

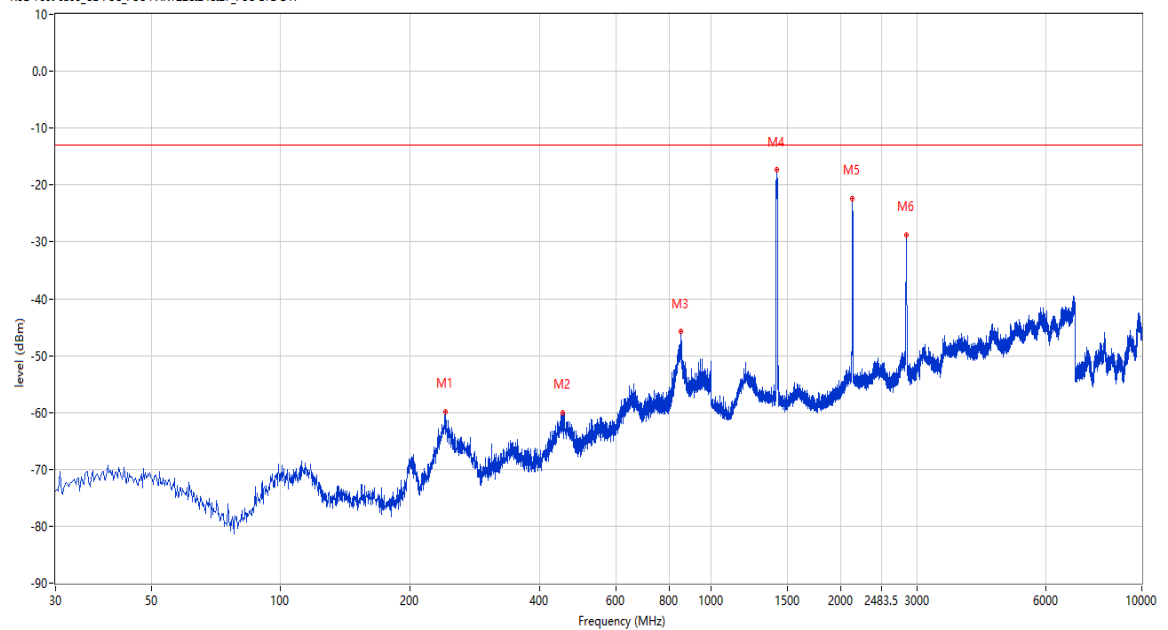
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
241.218	-59.83	-2.55	-13.0	46.83	282.50	Horizontal	Vertical	Pass
451.222	-60.00	-1.91	-13.0	47.00	282.50	Horizontal	Vertical	Pass
849.893	-45.81	9.76	-13.0	32.81	41.70	Horizontal	Vertical	Pass
1420.000	-17.39	-2.50	-13.0	4.39	360.00	Horizontal	Vertical	Pass
2128.500	-22.30	1.30	-13.0	9.30	360.00	Horizontal	Vertical	Pass
2840.500	-28.75	5.17	-13.0	15.75	360.00	Horizontal	Vertical	Pass

7.2 LTE-B17-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.40.26

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

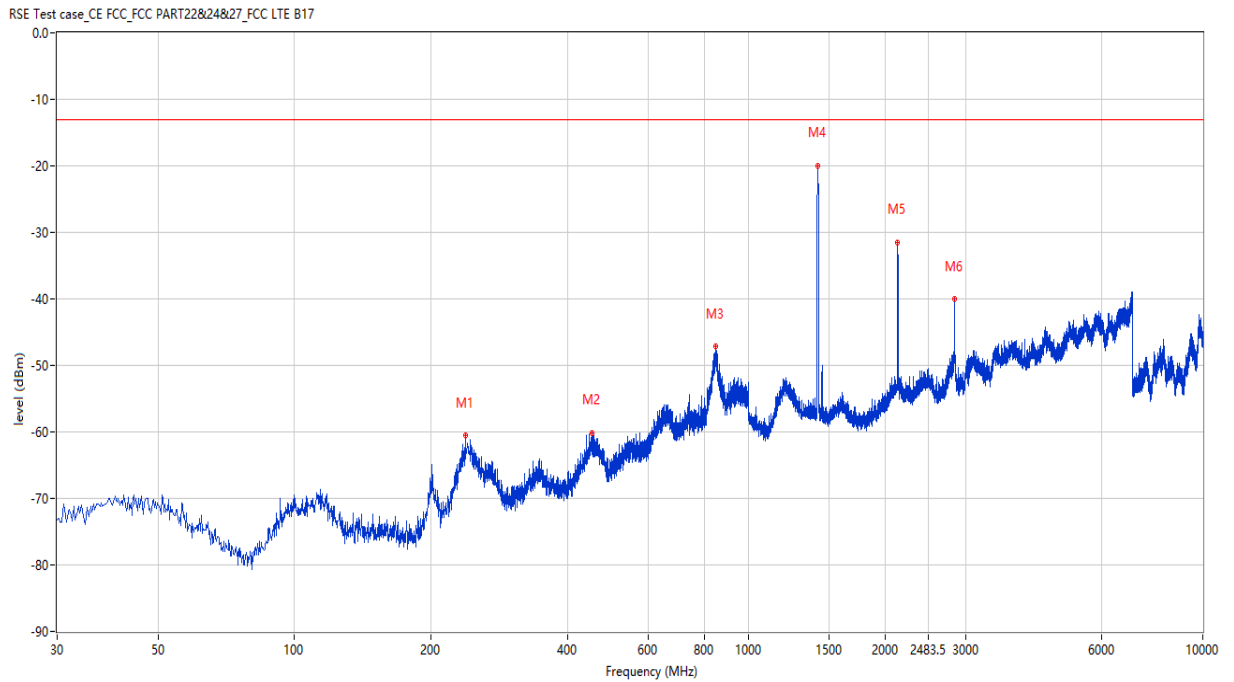
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
237.822	-60.55	-3.10	-13.0	47.55	137.00	Vertical	Vertical	Pass
451.222	-60.16	-1.91	-13.0	47.16	137.00	Vertical	Vertical	Pass
846.740	-47.16	9.36	-13.0	34.16	303.70	Vertical	Vertical	Pass
1420.000	-19.95	-2.50	-13.0	6.95	79.50	Vertical	Vertical	Pass
2129.000	-31.51	1.29	-13.0	18.51	79.50	Vertical	Vertical	Pass
2838.000	-40.03	5.21	-13.0	27.03	79.50	Vertical	Vertical	Pass

7.3 LTE-B17-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.11.09

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

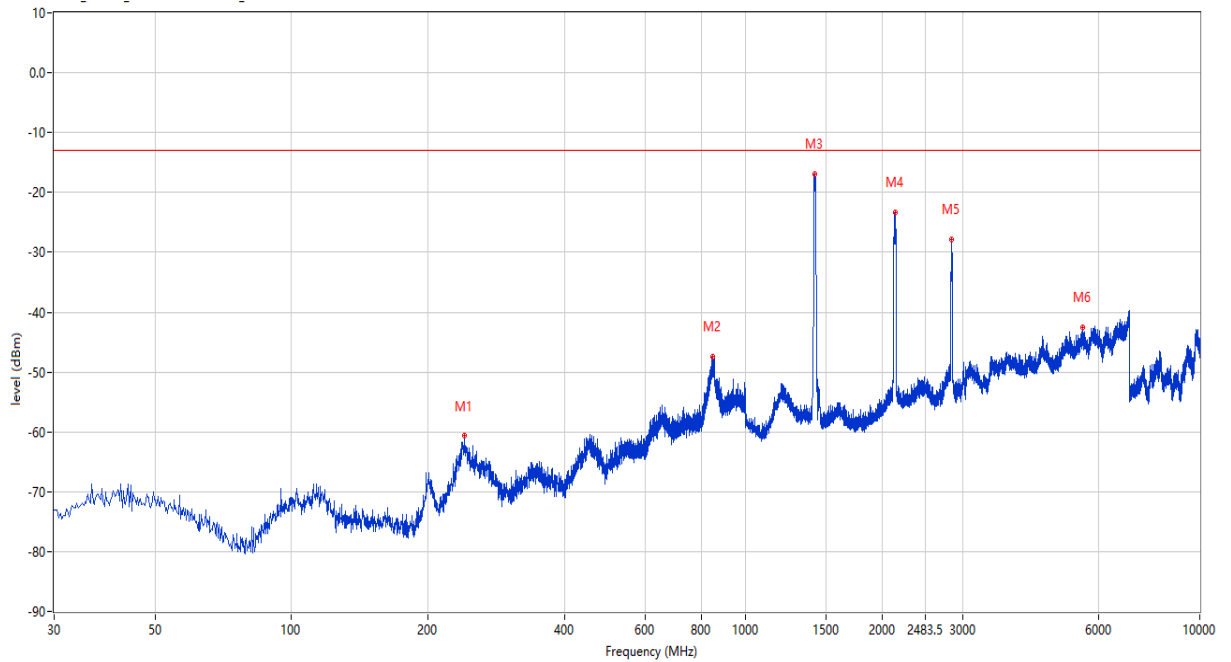
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
240.005	-60.66	-2.21	-13.0	47.66	360.00	Horizontal	Vertical	Pass
847.225	-47.40	9.42	-13.0	34.40	295.90	Horizontal	Vertical	Pass
1420.000	-16.93	-2.50	-13.0	3.93	8.50	Horizontal	Vertical	Pass
2132.000	-23.25	1.27	-13.0	10.25	18.90	Horizontal	Vertical	Pass
2840.500	-27.84	5.17	-13.0	14.84	18.90	Horizontal	Vertical	Pass
5531.000	-42.51	11.69	-13.0	29.51	357.90	Horizontal	Vertical	Pass

7.4 LTE-B17-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.45.33

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

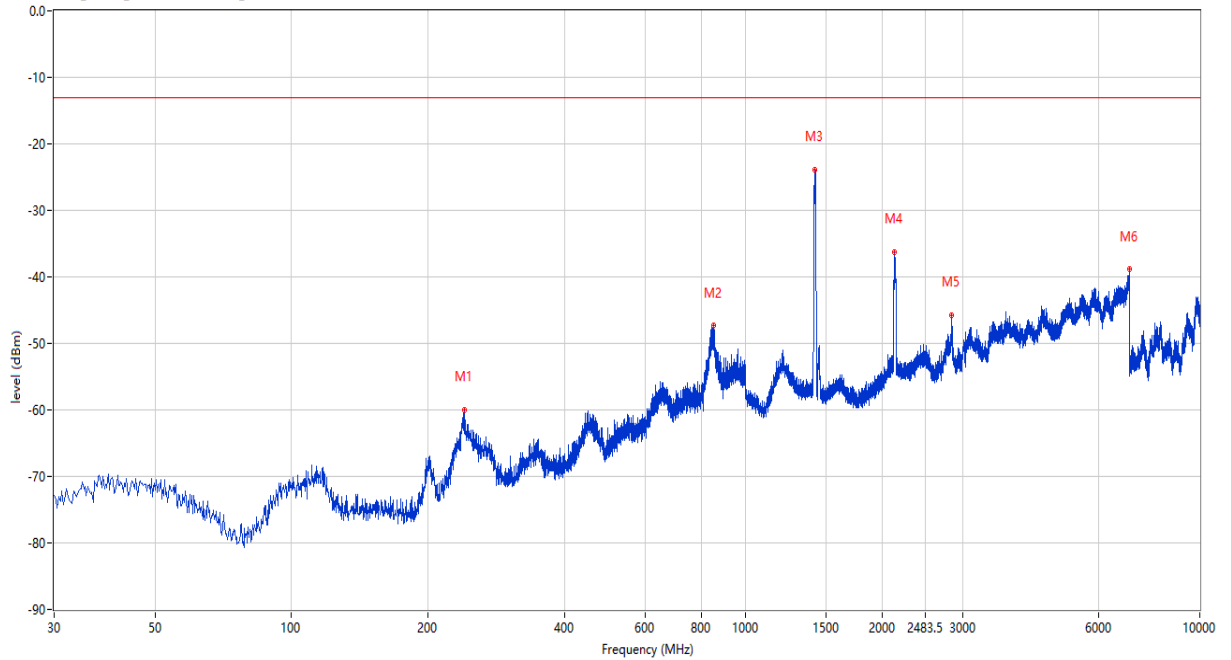
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B17



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
240.732	-59.95	-2.42	-13.0	46.95	202.50	Vertical	Vertical	Pass
850.135	-47.35	9.78	-13.0	34.35	325.30	Vertical	Vertical	Pass
1420.000	-23.89	-2.50	-13.0	10.89	81.80	Vertical	Vertical	Pass
2129.000	-36.25	1.29	-13.0	23.25	81.80	Vertical	Vertical	Pass
2839.500	-45.75	5.19	-13.0	32.75	81.80	Vertical	Vertical	Pass
6997.000	-38.88	14.49	-13.0	25.88	38.50	Vertical	Vertical	Pass

8 LTE B25

8.1 LTE-B25-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.15.22

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

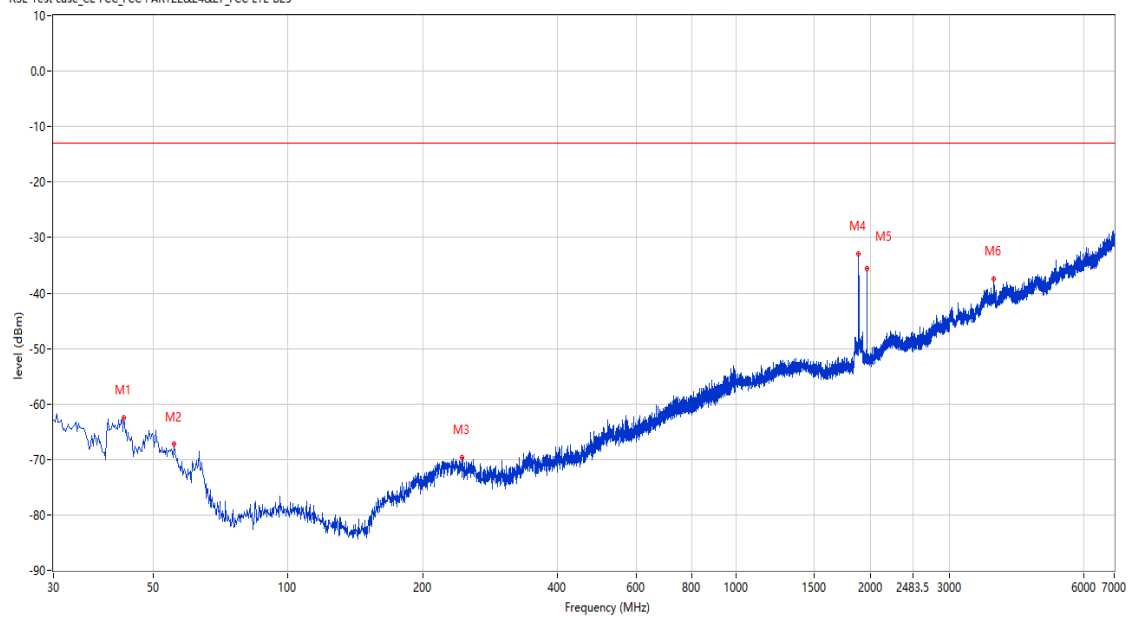
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
43.095	-62.42	-10.76	-13.0	49.42	131.00	Horizontal	Vertical	Pass
55.705	-67.29	-12.51	-13.0	54.29	360.00	Horizontal	Vertical	Pass
244.612	-69.67	-12.07	-13.0	56.67	141.00	Horizontal	Vertical	Pass
1882.500	-32.92	3.78	-13.0	19.92	26.70	Horizontal	Vertical	Pass
1962.500	-35.66	1.03	-13.0	22.66	95.90	Horizontal	Vertical	Pass
3765.000	-37.39	11.77	-13.0	24.39	100.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.58.53

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

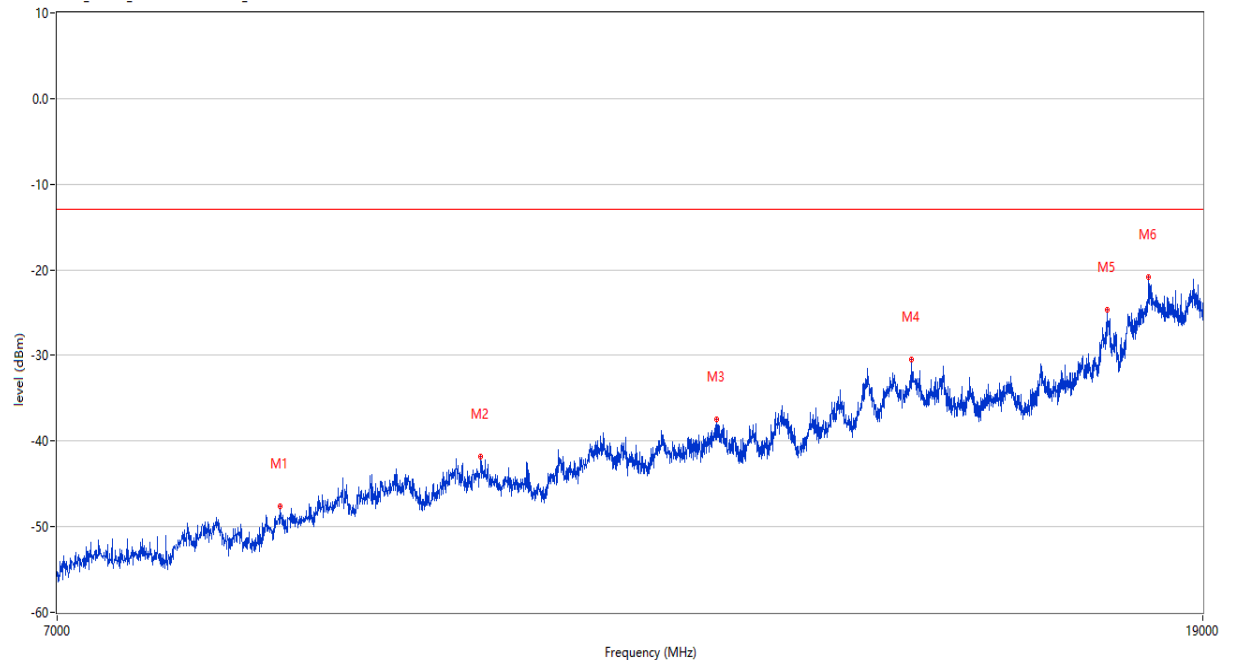
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8500.000	-47.56	23.66	-13.0	34.56	188.30	Horizontal	Vertical	Pass
10126.000	-41.85	28.65	-13.0	28.85	360.00	Horizontal	Vertical	Pass
12436.000	-37.49	32.41	-13.0	24.49	167.10	Horizontal	Vertical	Pass
14737.000	-30.44	38.98	-13.0	17.44	177.10	Horizontal	Vertical	Pass
17476.000	-24.71	44.30	-13.0	11.71	199.40	Horizontal	Vertical	Pass
18123.999	-20.87	46.18	-13.0	7.87	188.30	Horizontal	Vertical	Pass

8.2 LTE-B25-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.50.35

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

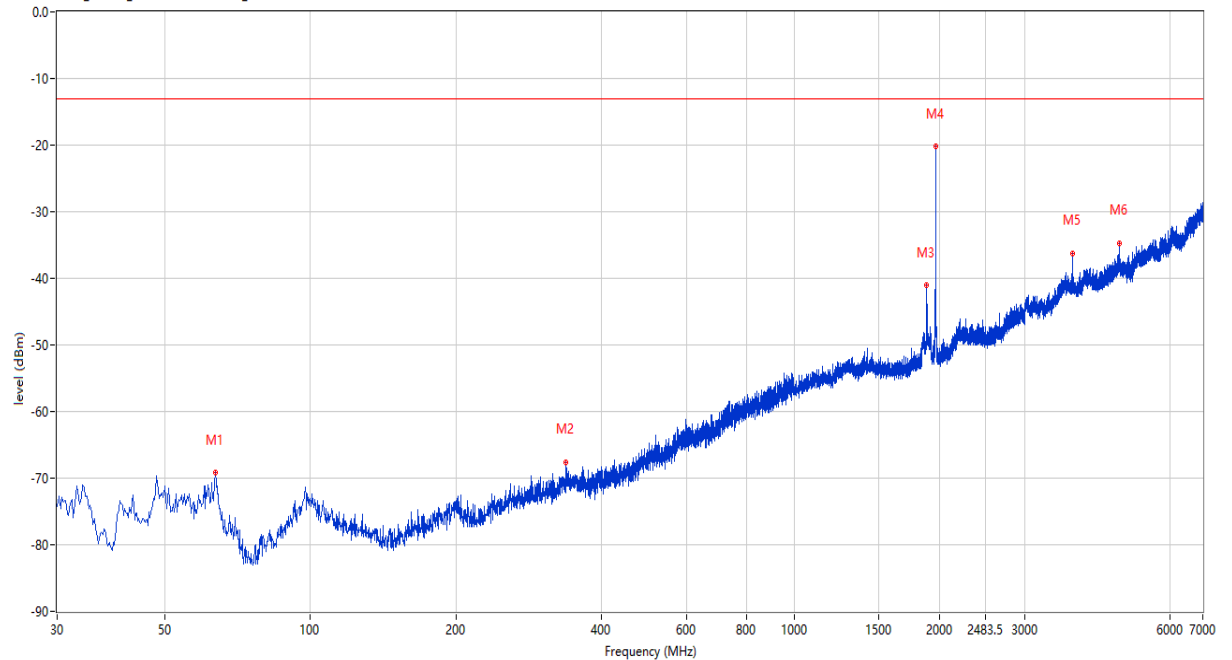
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.708	-69.17	-16.57	-13.0	56.17	239.10	Vertical	Vertical	Pass
337.733	-67.62	-10.19	-13.0	54.62	342.20	Vertical	Vertical	Pass
1882.500	-41.08	3.73	-13.0	28.08	0.00	Vertical	Vertical	Pass
1962.500	-20.24	0.85	-13.0	7.24	0.00	Vertical	Vertical	Pass
3764.000	-36.21	11.58	-13.0	23.21	277.80	Vertical	Vertical	Pass
4703.000	-34.67	13.57	-13.0	21.67	188.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.35.00

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

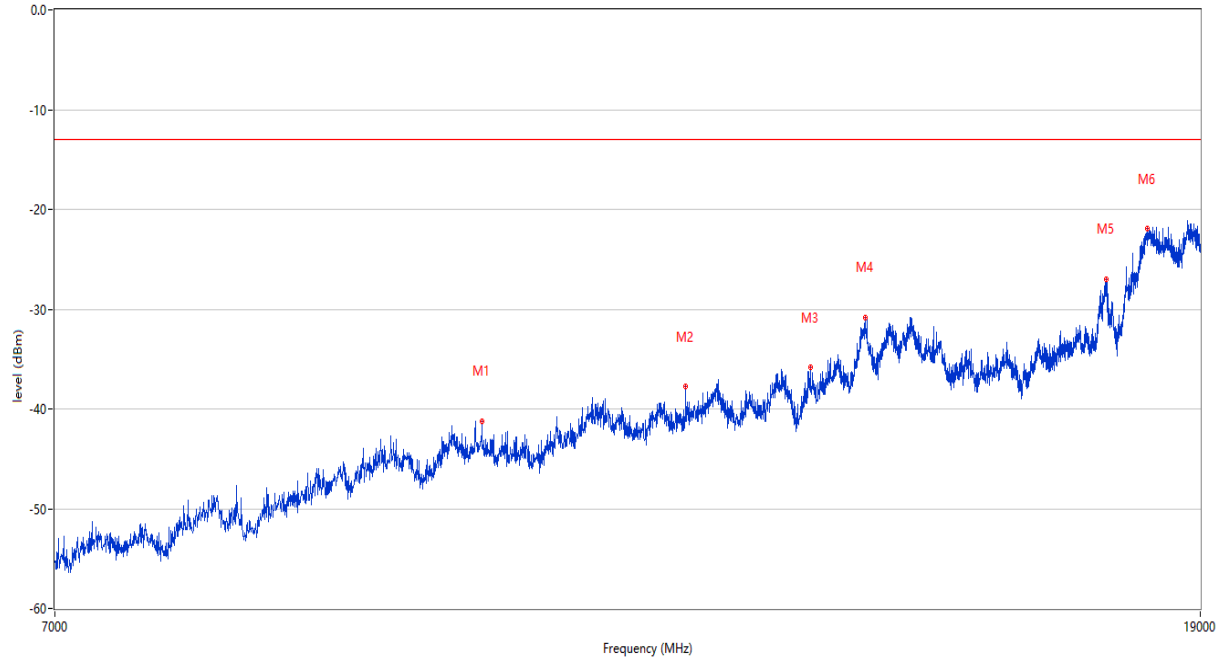
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10159.000	-41.20	28.62	-13.0	28.20	0.20	Vertical	Vertical	Pass
12130.000	-37.79	31.70	-13.0	24.79	110.50	Vertical	Vertical	Pass
13525.000	-35.83	36.08	-13.0	22.83	0.20	Vertical	Vertical	Pass
14188.000	-30.80	40.34	-13.0	17.80	110.50	Vertical	Vertical	Pass
17500.000	-26.97	43.32	-13.0	13.97	152.50	Vertical	Vertical	Pass
18144.999	-21.89	46.98	-13.0	8.89	331.40	Vertical	Vertical	Pass

8.3 LTE-B25-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.18.10

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

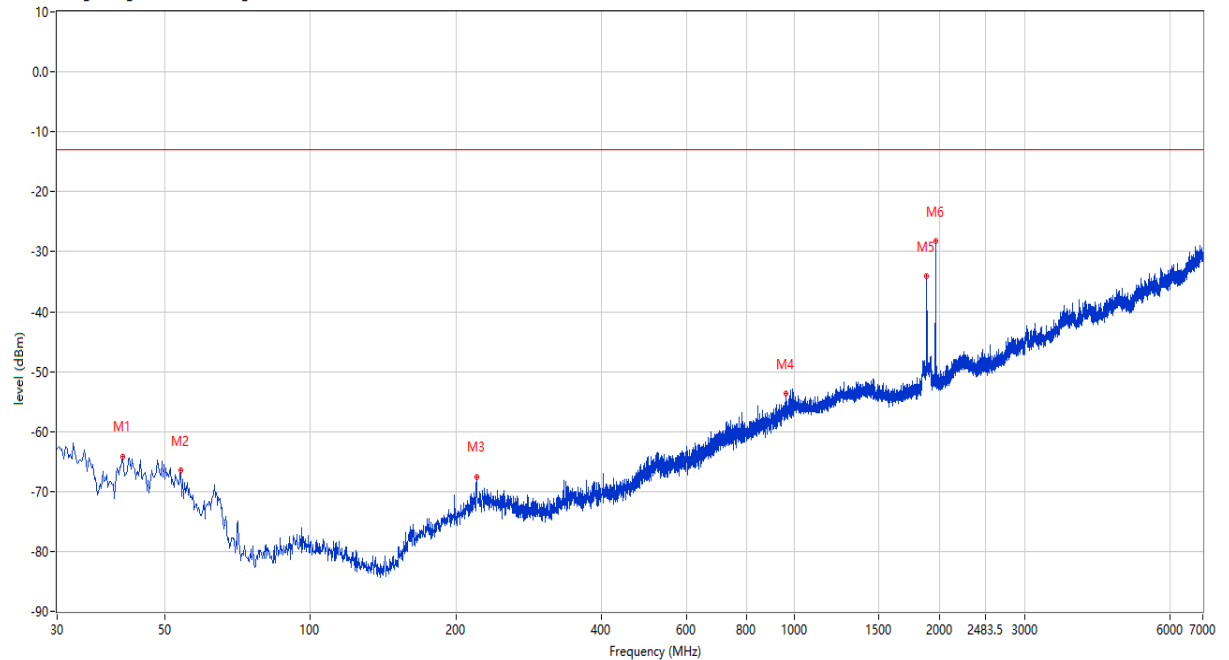
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
40.913	-64.19	-11.56	-13.0	51.19	195.00	Horizontal	Vertical	Pass
54.008	-66.50	-11.51	-13.0	53.50	195.00	Horizontal	Vertical	Pass
220.605	-67.56	-11.86	-13.0	54.56	335.70	Horizontal	Vertical	Pass
961.927	-53.75	1.53	-13.0	40.75	4.90	Horizontal	Vertical	Pass
1881.500	-34.07	3.77	-13.0	21.07	32.20	Horizontal	Vertical	Pass
1962.000	-28.25	1.04	-13.0	15.25	136.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.57.22

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

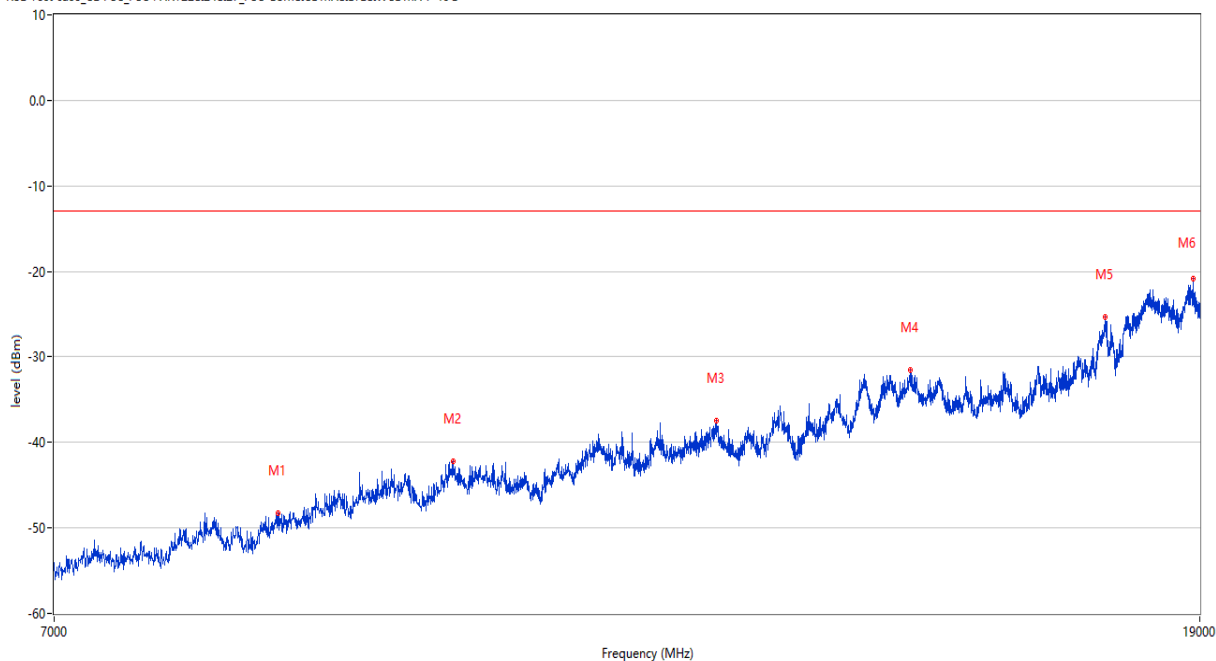
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8506.000	-48.24	23.62	-13.0	35.24	114.30	Horizontal	Vertical	Pass
9913.000	-42.15	29.26	-13.0	29.15	293.10	Horizontal	Vertical	Pass
12466.000	-37.49	32.65	-13.0	24.49	178.00	Horizontal	Vertical	Pass
14758.000	-31.47	39.31	-13.0	18.47	293.10	Horizontal	Vertical	Pass
17500.000	-25.28	45.16	-13.0	12.28	281.50	Horizontal	Vertical	Pass
18895.000	-20.85	47.17	-13.0	7.85	40.20	Horizontal	Vertical	Pass

8.4 LTE-B25-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.54.57

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

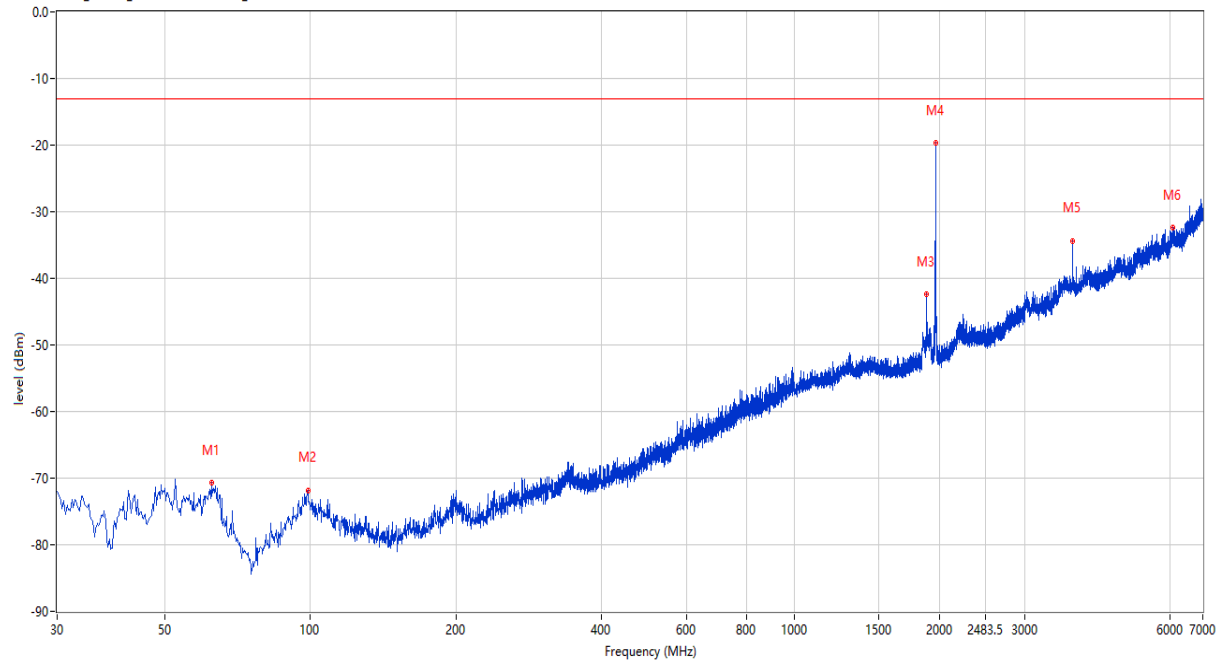
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.495	-70.71	-16.30	-13.0	57.71	170.90	Vertical	Vertical	Pass
98.870	-71.79	-13.85	-13.0	58.79	115.40	Vertical	Vertical	Pass
1881.500	-42.33	3.72	-13.0	29.33	360.00	Vertical	Vertical	Pass
1962.500	-19.73	0.85	-13.0	6.73	64.20	Vertical	Vertical	Pass
3763.000	-34.40	11.57	-13.0	21.40	266.70	Vertical	Vertical	Pass
6070.000	-32.43	16.90	-13.0	19.43	202.00	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.29.28

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

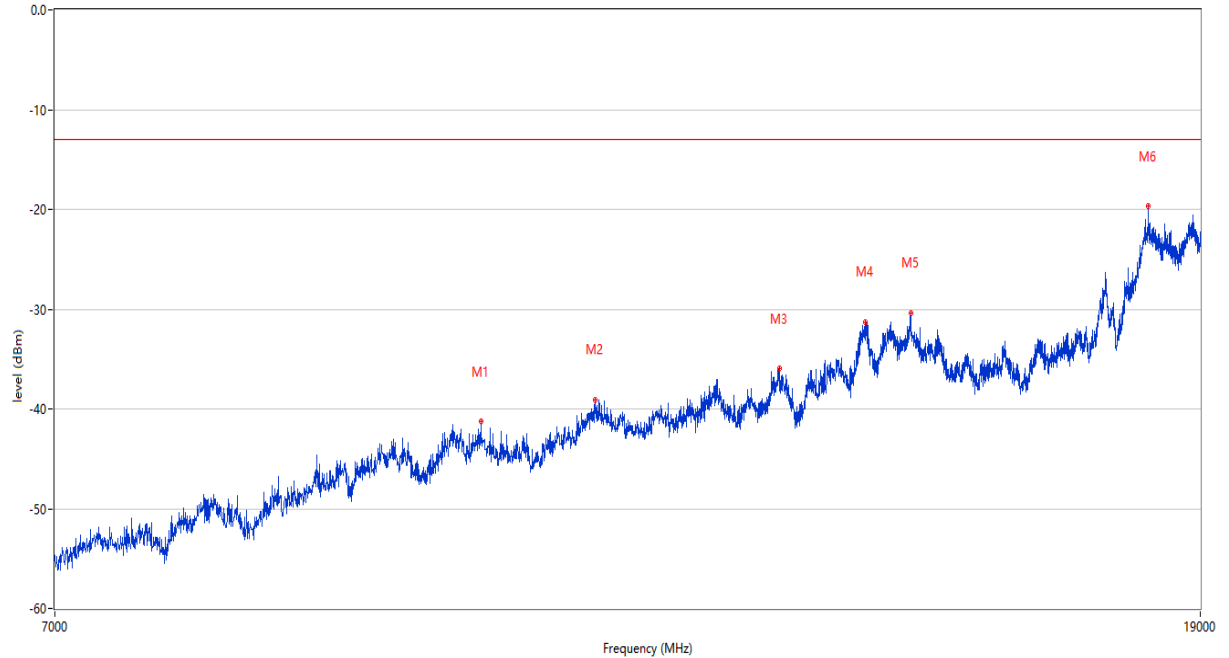
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10147.000	-41.24	28.69	-13.0	28.24	360.00	Vertical	Vertical	Pass
11209.000	-39.09	31.00	-13.0	26.09	360.00	Vertical	Vertical	Pass
13162.000	-35.95	34.21	-13.0	22.95	0.00	Vertical	Vertical	Pass
14188.000	-31.28	40.34	-13.0	18.28	198.40	Vertical	Vertical	Pass
14767.000	-30.35	39.79	-13.0	17.35	186.80	Vertical	Vertical	Pass
18154.000	-19.65	46.99	-13.0	6.65	313.00	Vertical	Vertical	Pass

8.5 LTE-B25-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.21.14

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

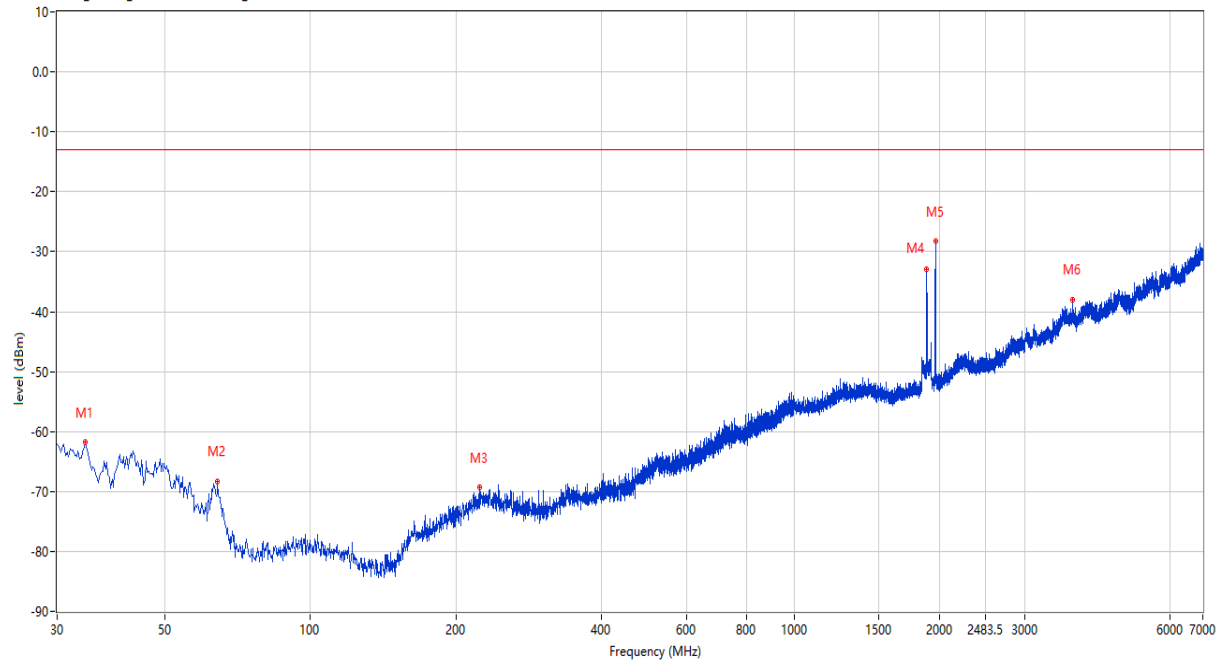
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-61.81	-13.58	-13.0	48.81	69.80	Horizontal	Vertical	Pass
64.435	-68.26	-17.14	-13.0	55.26	228.70	Horizontal	Vertical	Pass
224.242	-69.33	-11.83	-13.0	56.33	0.00	Horizontal	Vertical	Pass
1881.500	-33.01	3.77	-13.0	20.01	50.00	Horizontal	Vertical	Pass
1963.500	-28.27	1.01	-13.0	15.27	359.40	Horizontal	Vertical	Pass
3763.000	-38.04	11.74	-13.0	25.04	136.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.55.45

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

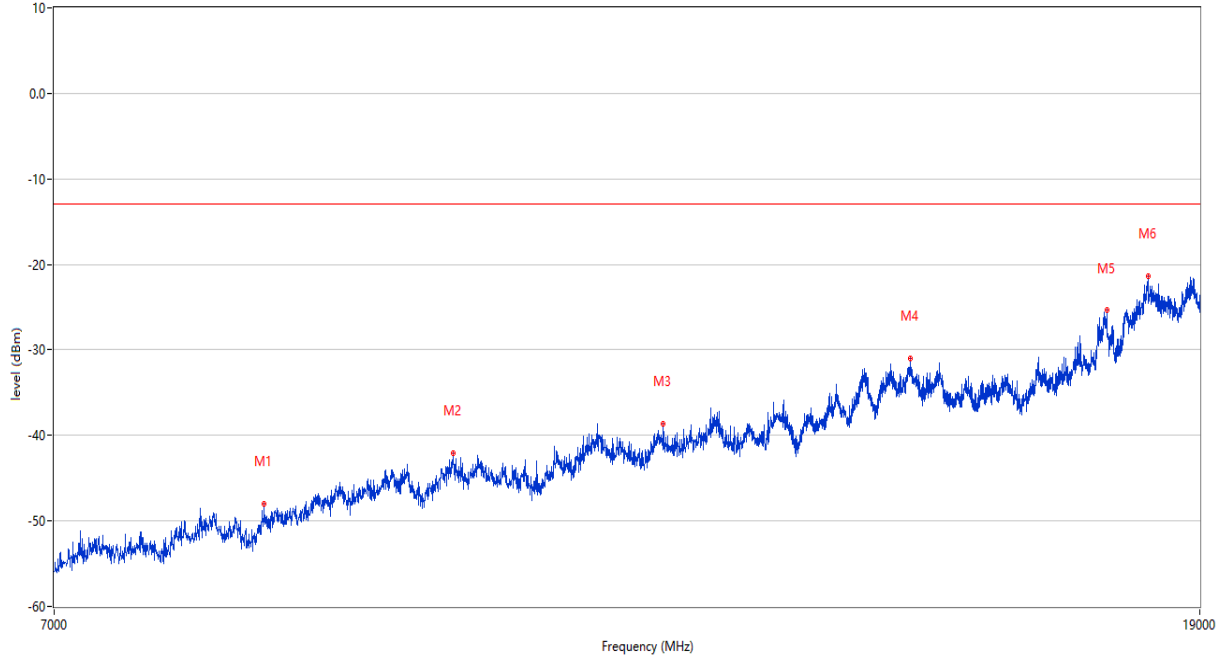
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8407.000	-48.05	23.84	-13.0	35.05	0.00	Horizontal	Vertical	Pass
9913.000	-42.06	29.26	-13.0	29.06	25.40	Horizontal	Vertical	Pass
11905.000	-38.65	31.80	-13.0	25.65	59.60	Horizontal	Vertical	Pass
14767.000	-30.96	39.24	-13.0	17.96	91.90	Horizontal	Vertical	Pass
17521.000	-25.39	43.84	-13.0	12.39	296.20	Horizontal	Vertical	Pass
18162.999	-21.42	46.23	-13.0	8.42	37.20	Horizontal	Vertical	Pass

8.6 LTE-B25-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_17.57.50

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

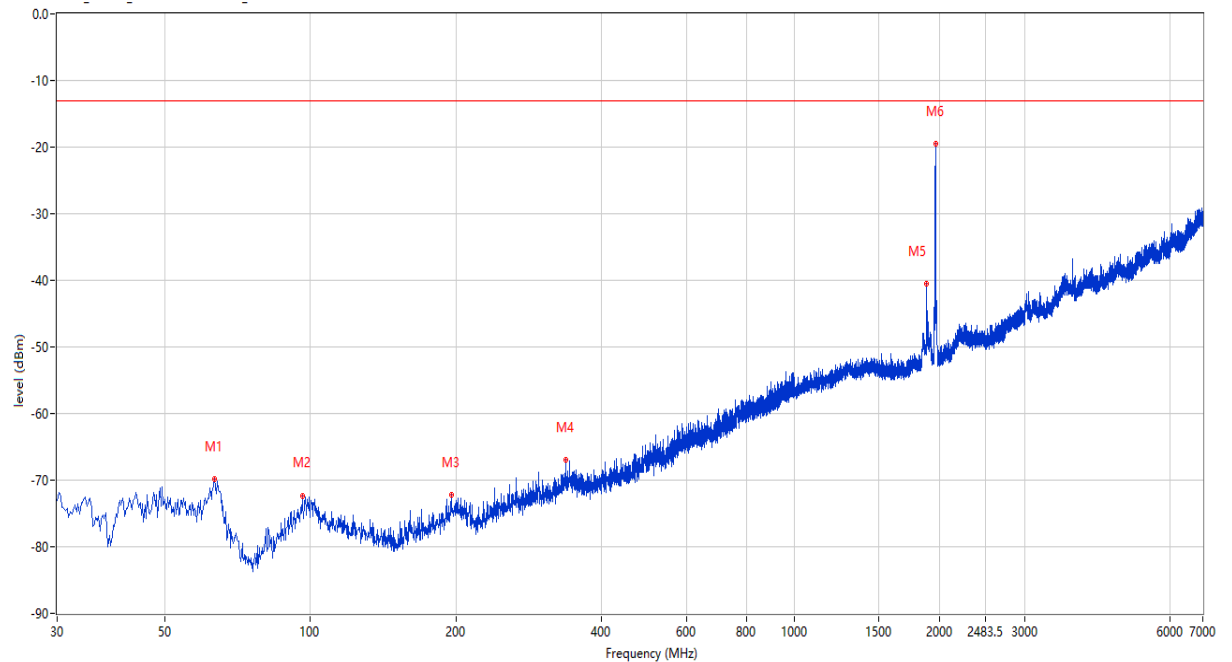
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.465	-69.86	-16.52	-13.0	56.86	222.60	Vertical	Vertical	Pass
96.445	-72.33	-14.47	-13.0	59.33	306.30	Vertical	Vertical	Pass
195.628	-72.21	-15.18	-13.0	59.21	0.80	Vertical	Vertical	Pass
337.490	-66.99	-10.21	-13.0	53.99	16.40	Vertical	Vertical	Pass
1881.500	-40.44	3.72	-13.0	27.44	8.10	Vertical	Vertical	Pass
1964.000	-19.53	0.82	-13.0	6.53	29.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.26.54

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

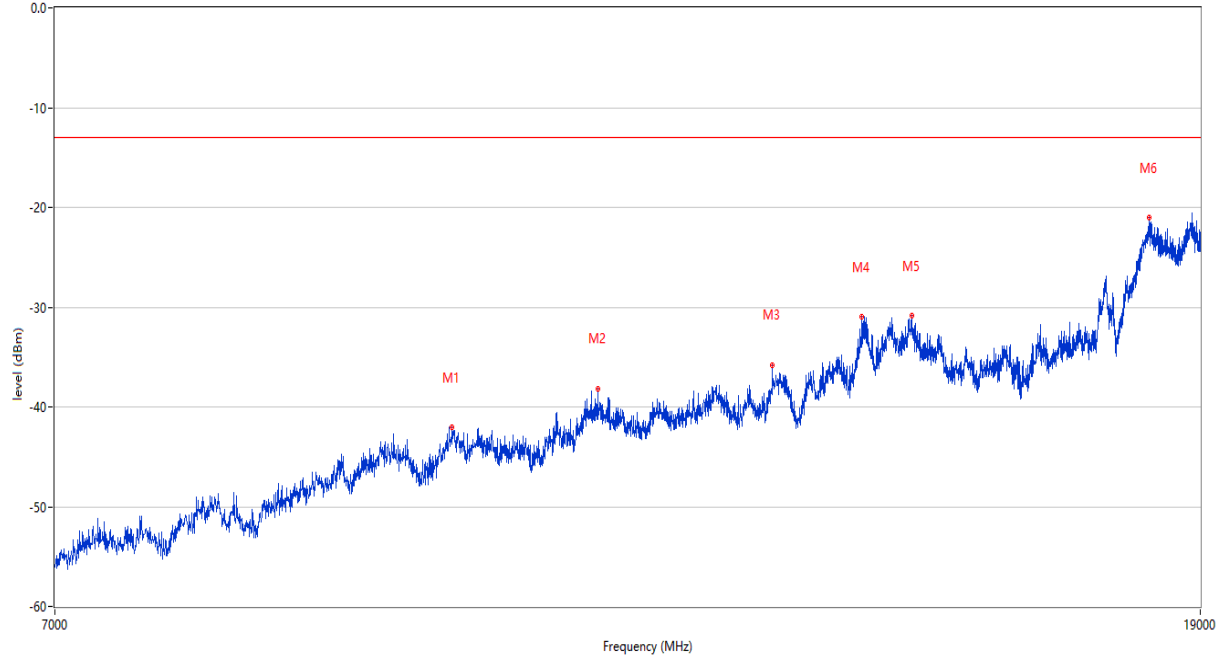
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9895.000	-42.02	29.81	-13.0	29.02	248.30	Vertical	Vertical	Pass
11236.000	-38.14	31.41	-13.0	25.14	358.40	Vertical	Vertical	Pass
13081.000	-35.82	34.28	-13.0	22.82	358.40	Vertical	Vertical	Pass
14149.000	-30.92	39.51	-13.0	17.92	112.10	Vertical	Vertical	Pass
14776.001	-30.86	39.59	-13.0	17.86	89.40	Vertical	Vertical	Pass
18169.000	-21.05	47.01	-13.0	8.05	278.80	Vertical	Vertical	Pass

8.7 LTE-B25-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.24.50

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

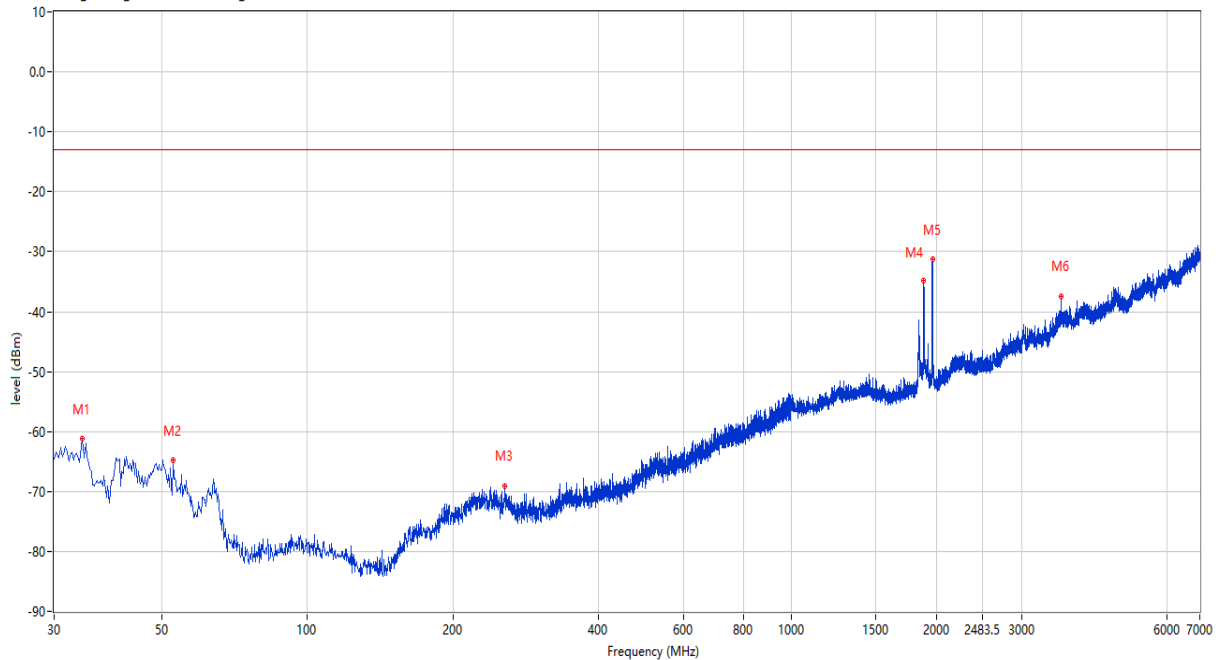
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
34.365	-61.16	-13.58	-13.0	48.16	193.10	Horizontal	Vertical	Pass
52.795	-64.75	-11.08	-13.0	51.75	346.00	Horizontal	Vertical	Pass
256.495	-69.00	-12.40	-13.0	56.00	69.60	Horizontal	Vertical	Pass
1880.500	-34.88	3.77	-13.0	21.88	30.70	Horizontal	Vertical	Pass
1964.000	-31.29	1.00	-13.0	18.29	332.50	Horizontal	Vertical	Pass
3618.000	-37.45	12.07	-13.0	24.45	91.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.54.17

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

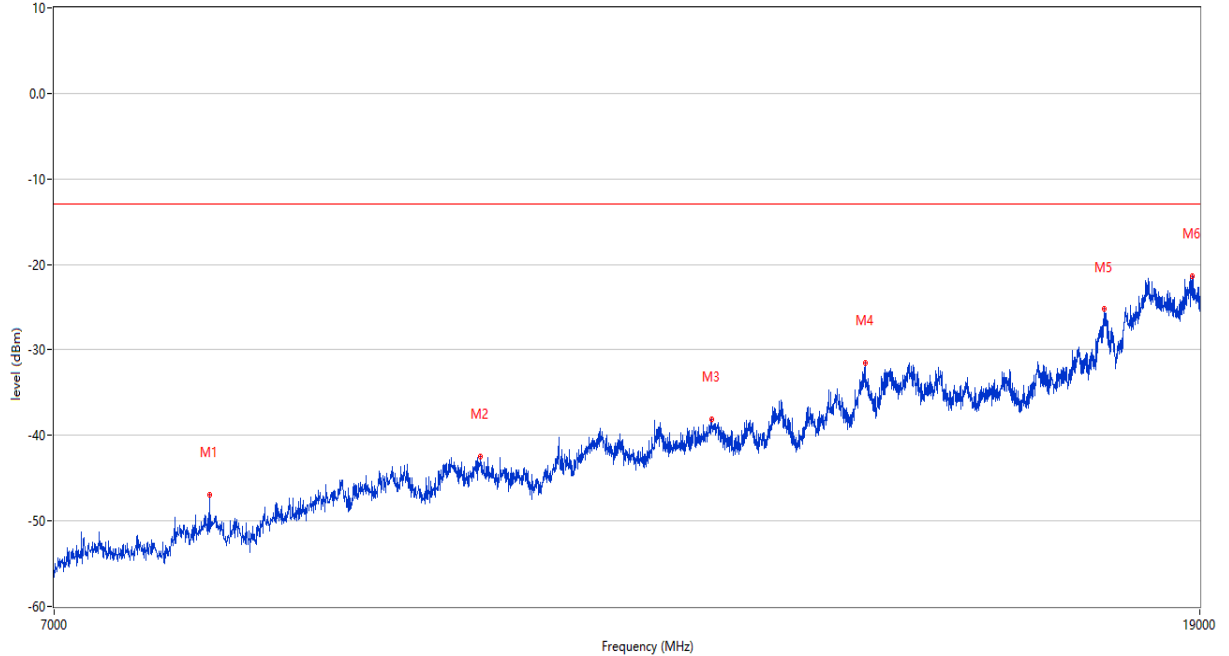
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8014.000	-46.99	23.53	-13.0	33.99	57.80	Horizontal	Vertical	Pass
10153.000	-42.43	28.44	-13.0	29.43	360.00	Horizontal	Vertical	Pass
12418.000	-38.12	32.24	-13.0	25.12	192.10	Horizontal	Vertical	Pass
14191.000	-31.53	39.38	-13.0	18.53	253.50	Horizontal	Vertical	Pass
17476.000	-25.18	44.30	-13.0	12.18	314.60	Horizontal	Vertical	Pass
18870.999	-21.33	47.14	-13.0	8.33	111.10	Horizontal	Vertical	Pass

8.8 LTE-B25-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_18.00.51

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

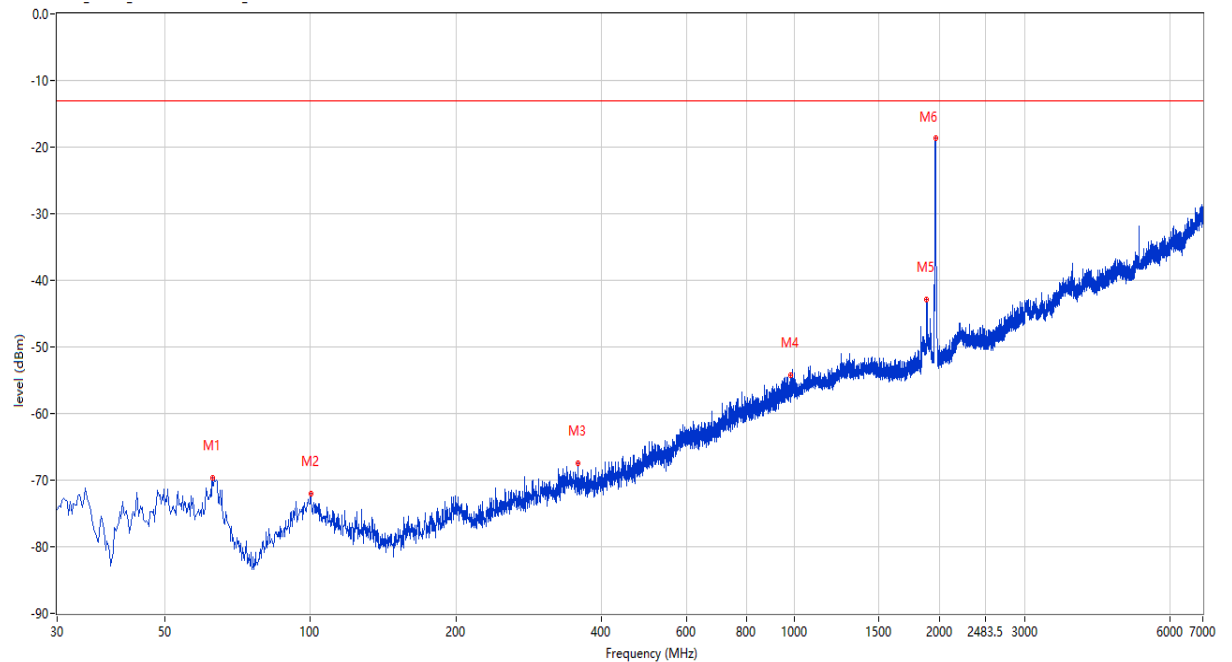
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.980	-69.71	-16.41	-13.0	56.71	242.20	Vertical	Vertical	Pass
100.325	-72.08	-14.14	-13.0	59.08	355.40	Vertical	Vertical	Pass
357.618	-67.48	-10.75	-13.0	54.48	306.20	Vertical	Vertical	Pass
983.268	-54.31	1.88	-13.0	41.31	74.80	Vertical	Vertical	Pass
1880.500	-42.95	3.72	-13.0	29.95	4.90	Vertical	Vertical	Pass
1961.500	-18.73	0.86	-13.0	5.73	32.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.24.41

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

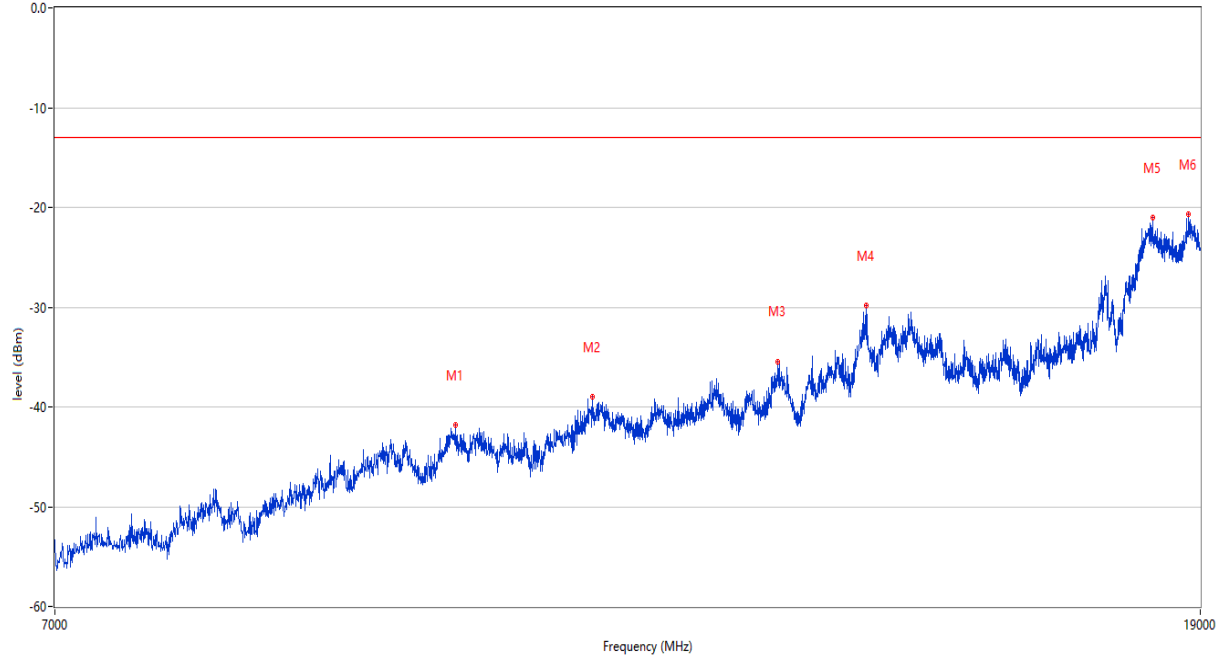
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9925.000	-41.79	29.82	-13.0	28.79	84.50	Vertical	Vertical	Pass
11182.000	-39.01	30.83	-13.0	26.01	270.20	Vertical	Vertical	Pass
13150.000	-35.43	34.34	-13.0	22.43	165.70	Vertical	Vertical	Pass
14197.000	-29.82	40.05	-13.0	16.82	65.60	Vertical	Vertical	Pass
18223.000	-21.05	47.08	-13.0	8.05	360.00	Vertical	Vertical	Pass
18808.001	-20.67	47.83	-13.0	7.67	270.20	Vertical	Vertical	Pass

8.9 LTE-B25-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.28.18

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

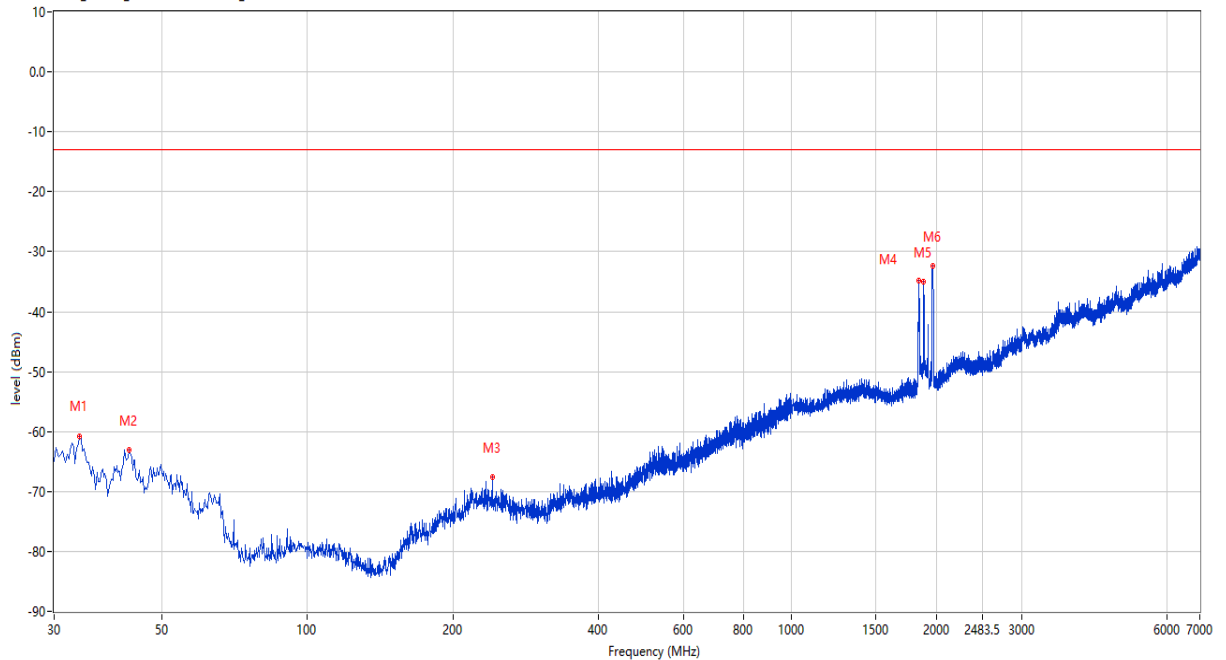
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
33.880	-60.77	-13.45	-13.0	47.77	116.90	Horizontal	Vertical	Pass
42.852	-63.07	-10.81	-13.0	50.07	355.00	Horizontal	Vertical	Pass
241.460	-67.62	-11.86	-13.0	54.62	355.00	Horizontal	Vertical	Pass
1840.000	-34.83	0.72	-13.0	21.83	29.70	Horizontal	Vertical	Pass
1881.000	-35.10	3.77	-13.0	22.10	61.30	Horizontal	Vertical	Pass
1966.500	-32.39	0.96	-13.0	19.39	353.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.52.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

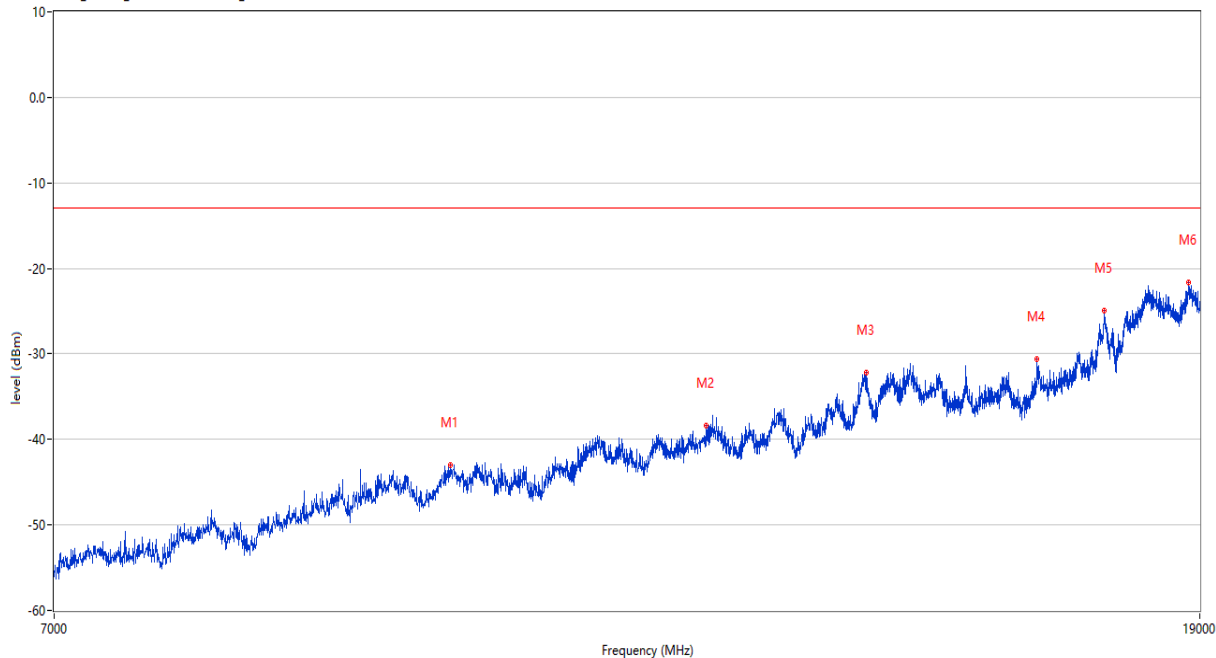
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9889.000	-43.03	29.03	-13.0	30.03	0.00	Horizontal	Vertical	Pass
12352.000	-38.33	32.23	-13.0	25.33	360.00	Horizontal	Vertical	Pass
14206.000	-32.14	38.92	-13.0	19.14	169.00	Horizontal	Vertical	Pass
16486.000	-30.60	37.55	-13.0	17.60	360.00	Horizontal	Vertical	Pass
17487.999	-24.87	44.92	-13.0	11.87	323.00	Horizontal	Vertical	Pass
18816.999	-21.69	47.07	-13.0	8.69	0.00	Horizontal	Vertical	Pass

8.10 LTE-B25-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_18.06.00

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

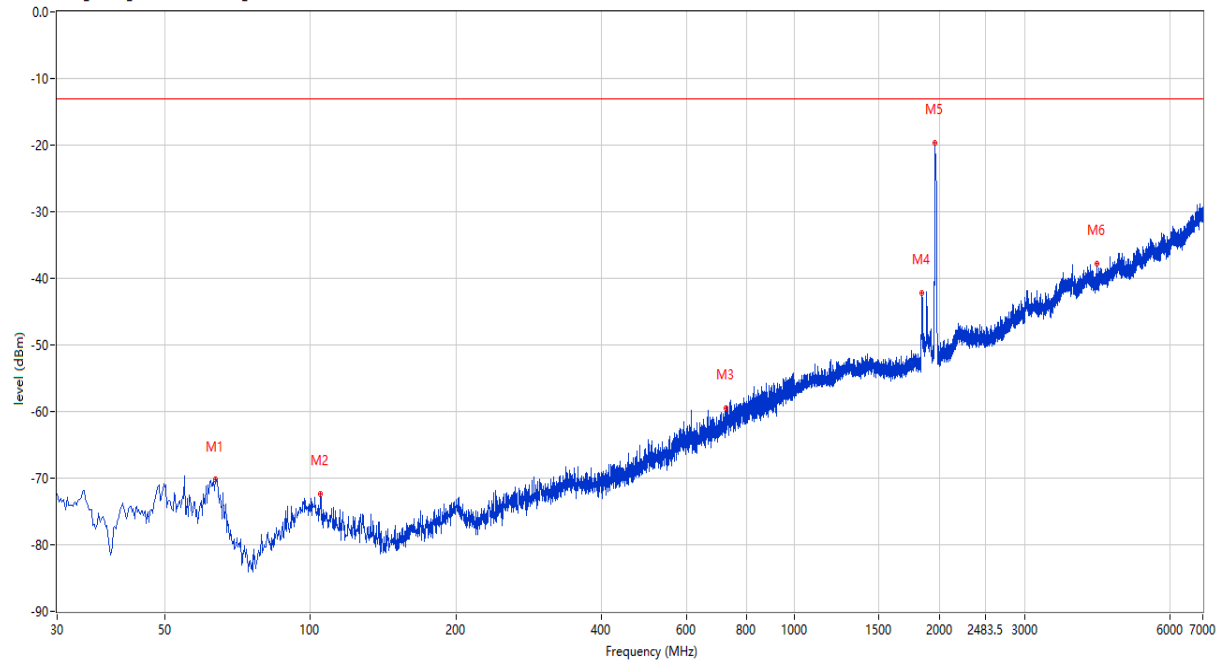
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.708	-70.19	-16.57	-13.0	57.19	219.30	Vertical	Vertical	Pass
105.175	-72.31	-15.28	-13.0	59.31	261.00	Vertical	Vertical	Pass
724.035	-59.43	-2.92	-13.0	46.43	292.60	Vertical	Vertical	Pass
1841.000	-42.19	1.29	-13.0	29.19	18.50	Vertical	Vertical	Pass
1957.000	-19.63	0.94	-13.0	6.63	355.00	Vertical	Vertical	Pass
4235.000	-37.79	11.72	-13.0	24.79	225.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.19.41

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

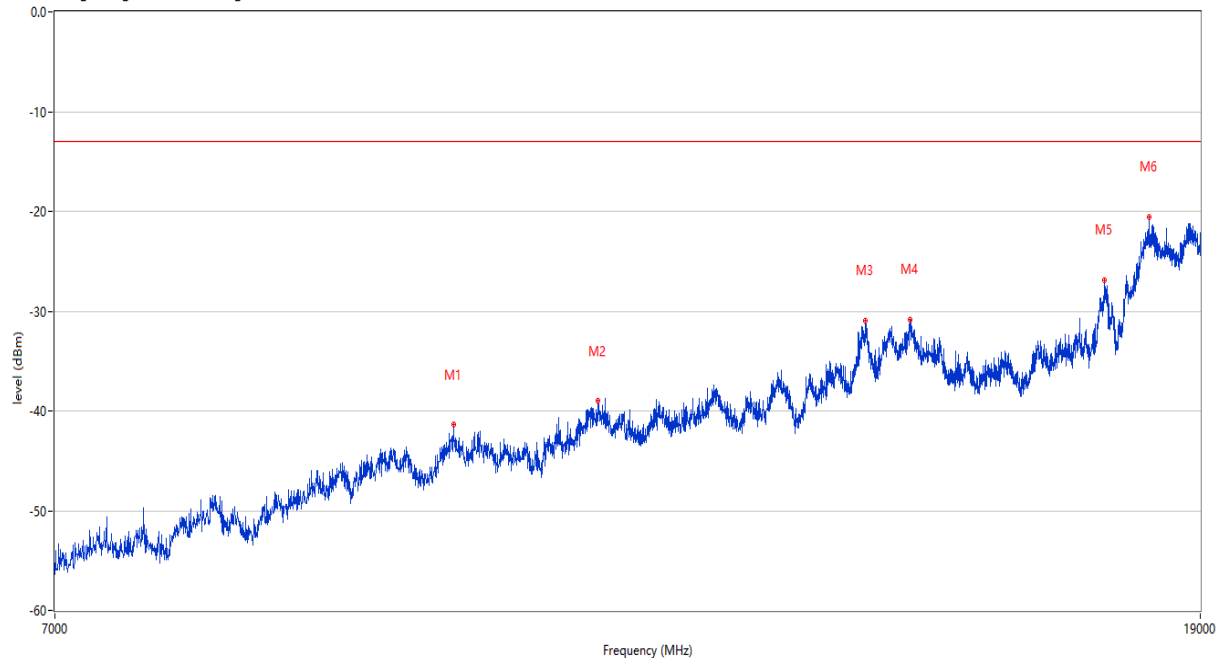
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9907.000	-41.35	29.94	-13.0	28.35	151.70	Vertical	Vertical	Pass
11239.000	-39.04	31.46	-13.0	26.04	359.30	Vertical	Vertical	Pass
14191.000	-30.95	40.25	-13.0	17.95	245.90	Vertical	Vertical	Pass
14752.000	-30.82	39.83	-13.0	17.82	245.90	Vertical	Vertical	Pass
17479.000	-26.92	42.74	-13.0	13.92	295.00	Vertical	Vertical	Pass
18172.000	-20.52	47.01	-13.0	7.52	151.70	Vertical	Vertical	Pass

8.11 LTE-B25-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.31.15

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

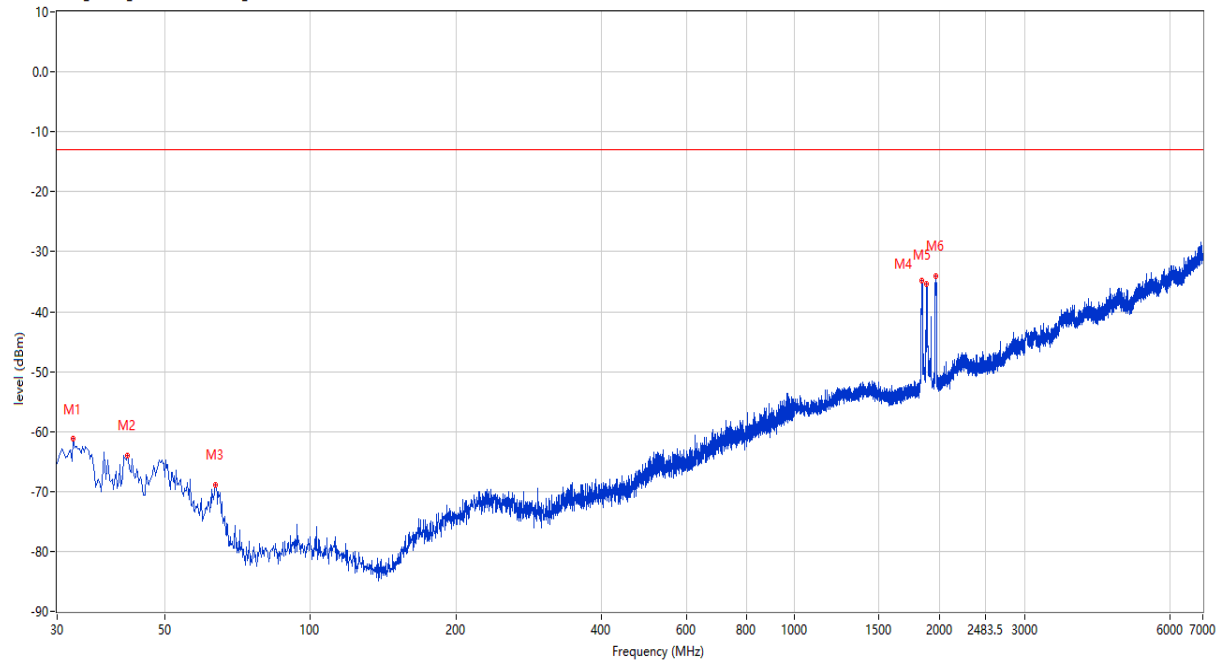
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
32.425	-61.27	-13.42	-13.0	48.27	1.30	Horizontal	Vertical	Pass
41.883	-64.01	-11.05	-13.0	51.01	168.00	Horizontal	Vertical	Pass
63.708	-68.85	-16.67	-13.0	55.85	231.60	Horizontal	Vertical	Pass
1841.500	-34.79	2.47	-13.0	21.79	43.70	Horizontal	Vertical	Pass
1880.500	-35.39	3.77	-13.0	22.39	43.70	Horizontal	Vertical	Pass
1961.000	-34.01	1.05	-13.0	21.01	318.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.50.37

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

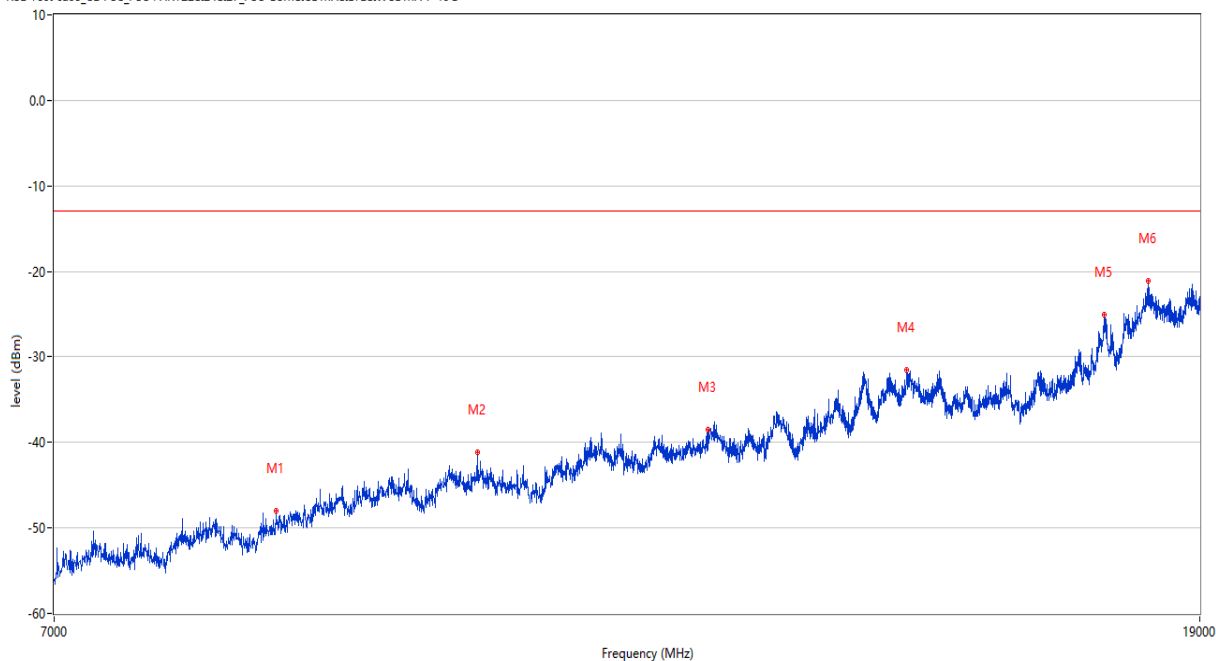
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8491.000	-48.06	23.57	-13.0	35.06	67.00	Horizontal	Vertical	Pass
10123.000	-41.20	28.68	-13.0	28.20	14.90	Horizontal	Vertical	Pass
12379.000	-38.45	32.14	-13.0	25.45	358.70	Horizontal	Vertical	Pass
14719.000	-31.57	38.53	-13.0	18.57	129.50	Horizontal	Vertical	Pass
17487.999	-25.10	44.92	-13.0	12.10	67.00	Horizontal	Vertical	Pass
18172.000	-21.06	46.24	-13.0	8.06	45.00	Horizontal	Vertical	Pass

8.12 LTE-B25-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_18.08.48

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

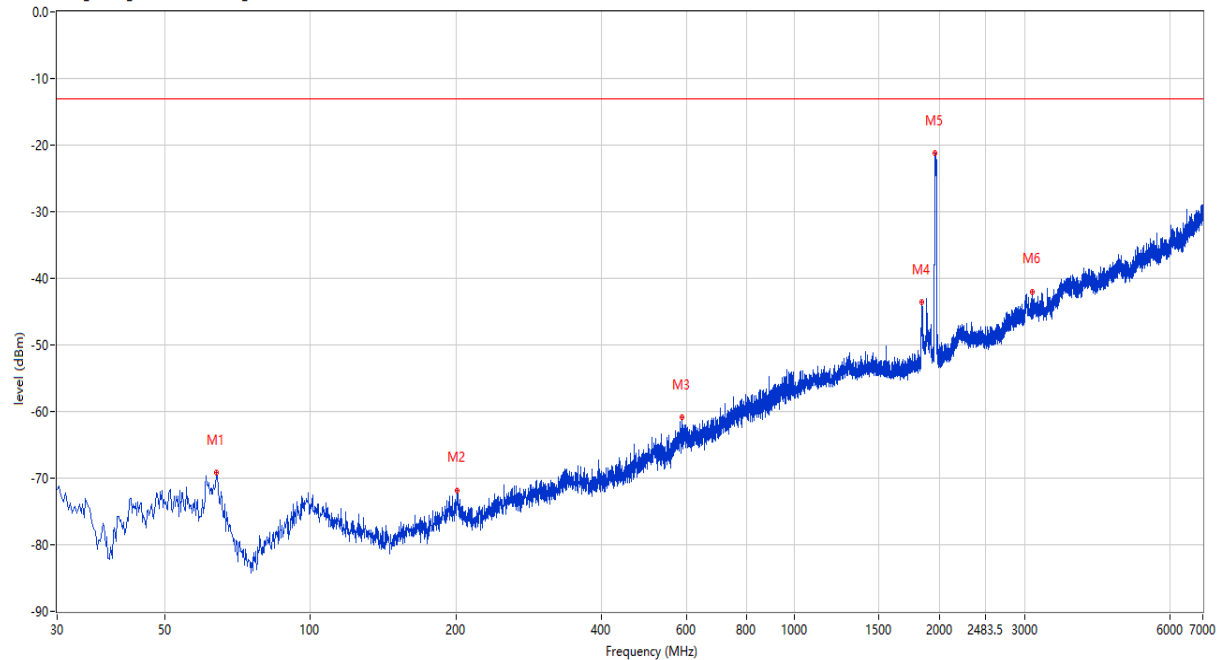
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B25



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
63.950	-69.18	-16.62	-13.0	56.18	261.60	Vertical	Vertical	Pass
200.962	-71.87	-14.62	-13.0	58.87	313.30	Vertical	Vertical	Pass
587.023	-60.91	-5.07	-13.0	47.91	177.90	Vertical	Vertical	Pass
1841.500	-43.59	2.37	-13.0	30.59	23.30	Vertical	Vertical	Pass
1960.000	-21.19	0.89	-13.0	8.19	358.10	Vertical	Vertical	Pass
3116.000	-41.96	8.90	-13.0	28.96	8.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.00.01

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

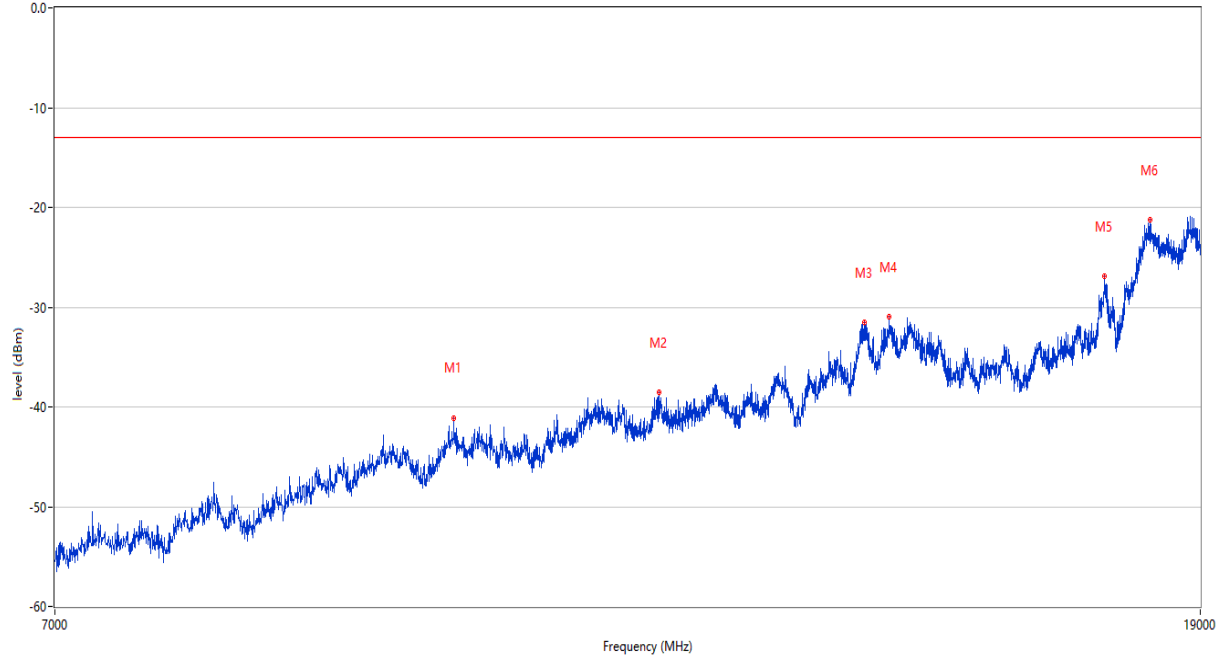
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9910.000	-41.10	29.96	-13.0	28.10	136.40	Vertical	Vertical	Pass
11851.000	-38.53	32.00	-13.0	25.53	358.00	Vertical	Vertical	Pass
14176.000	-31.55	40.09	-13.0	18.55	157.60	Vertical	Vertical	Pass
14488.001	-31.00	38.71	-13.0	18.00	157.60	Vertical	Vertical	Pass
17476.000	-26.93	42.57	-13.0	13.93	353.30	Vertical	Vertical	Pass
18190.000	-21.20	47.04	-13.0	8.20	342.90	Vertical	Vertical	Pass

9 LTE B41

9.1 LTE-B41-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.41.27

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

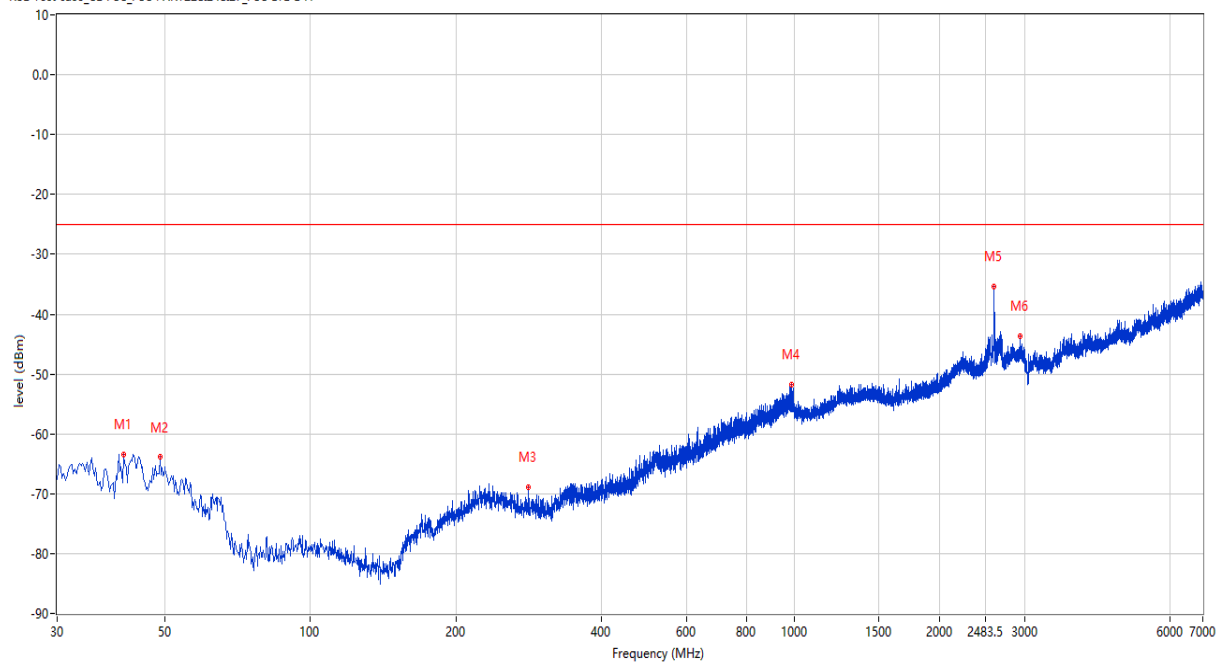
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
41.155	-63.37	-11.17	-25.0	38.37	335.60	Horizontal	Vertical	Pass
48.915	-63.84	-10.10	-25.0	38.84	17.80	Horizontal	Vertical	Pass
282.927	-68.91	-12.27	-25.0	43.91	232.50	Horizontal	Vertical	Pass
988.118	-51.68	3.63	-25.0	26.68	169.60	Horizontal	Vertical	Pass
2594.500	-35.34	10.03	-25.0	10.34	28.60	Horizontal	Vertical	Pass
2940.000	-43.74	9.84	-25.0	18.74	109.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.02.26

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

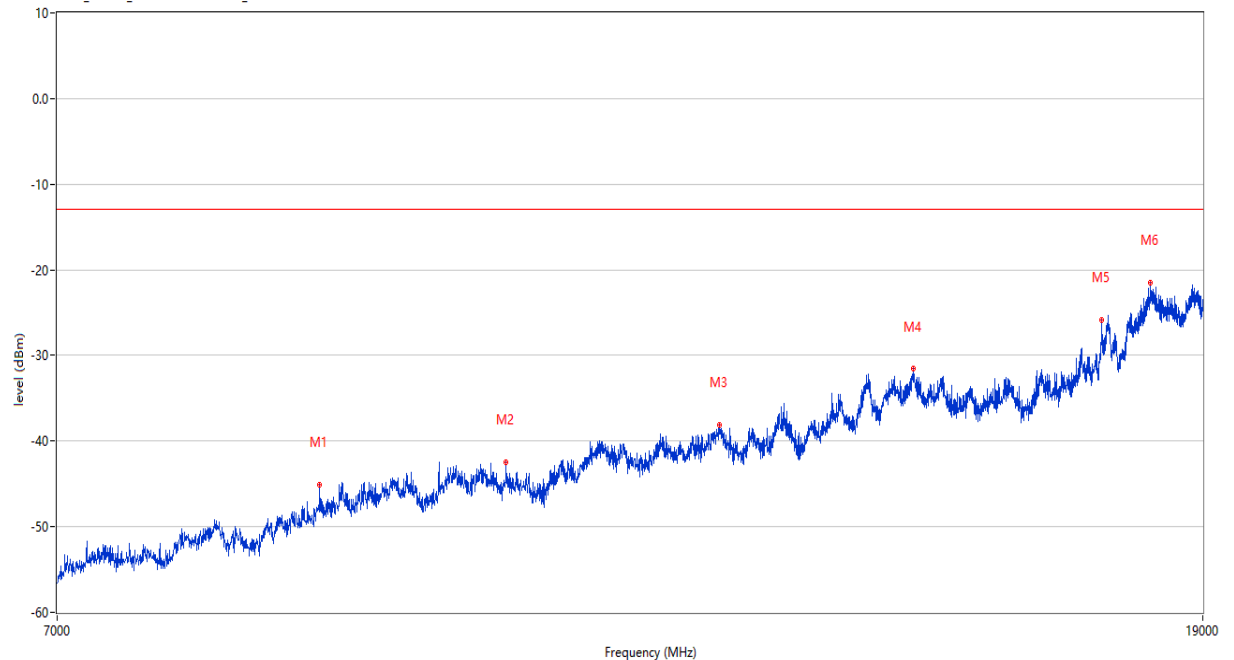
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8800.000	-45.10	25.52	-13.0	32.10	230.50	Horizontal	Vertical	Pass
10354.000	-42.45	28.61	-13.0	29.45	230.50	Horizontal	Vertical	Pass
12466.000	-38.09	32.65	-13.0	25.09	200.80	Horizontal	Vertical	Pass
14767.000	-31.58	39.24	-13.0	18.58	81.30	Horizontal	Vertical	Pass
17398.000	-25.90	42.99	-13.0	12.90	0.00	Horizontal	Vertical	Pass
18154.000	-21.48	46.22	-13.0	8.48	359.60	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.37.55

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

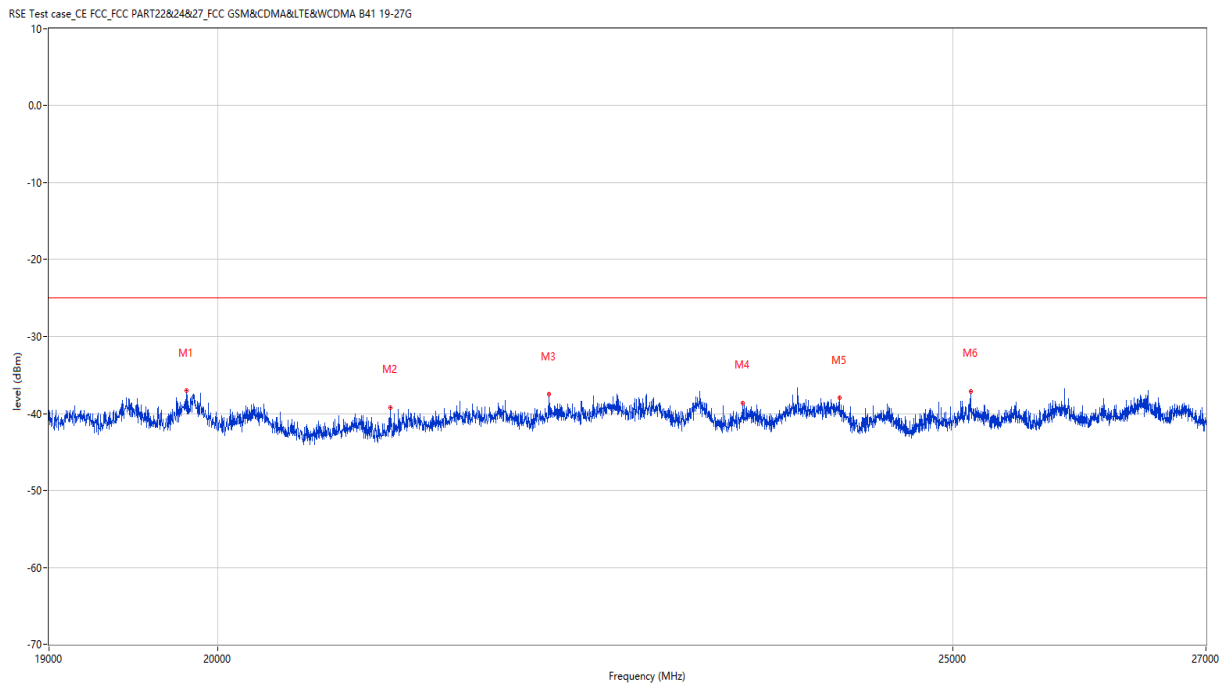
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19808.000	-37.05	13.96	-25.0	12.05	360.00	Horizontal	Vertical	Pass
21076.001	-39.24	13.54	-25.0	14.24	0.00	Horizontal	Vertical	Pass
22114.001	-37.54	14.97	-25.0	12.54	46.70	Horizontal	Vertical	Pass
23456.000	-38.64	14.47	-25.0	13.64	358.50	Horizontal	Vertical	Pass
24153.999	-37.99	15.33	-25.0	12.99	1.20	Horizontal	Vertical	Pass
25136.001	-37.13	14.88	-25.0	12.13	1.20	Horizontal	Vertical	Pass

9.2 LTE-B41-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.53.19

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

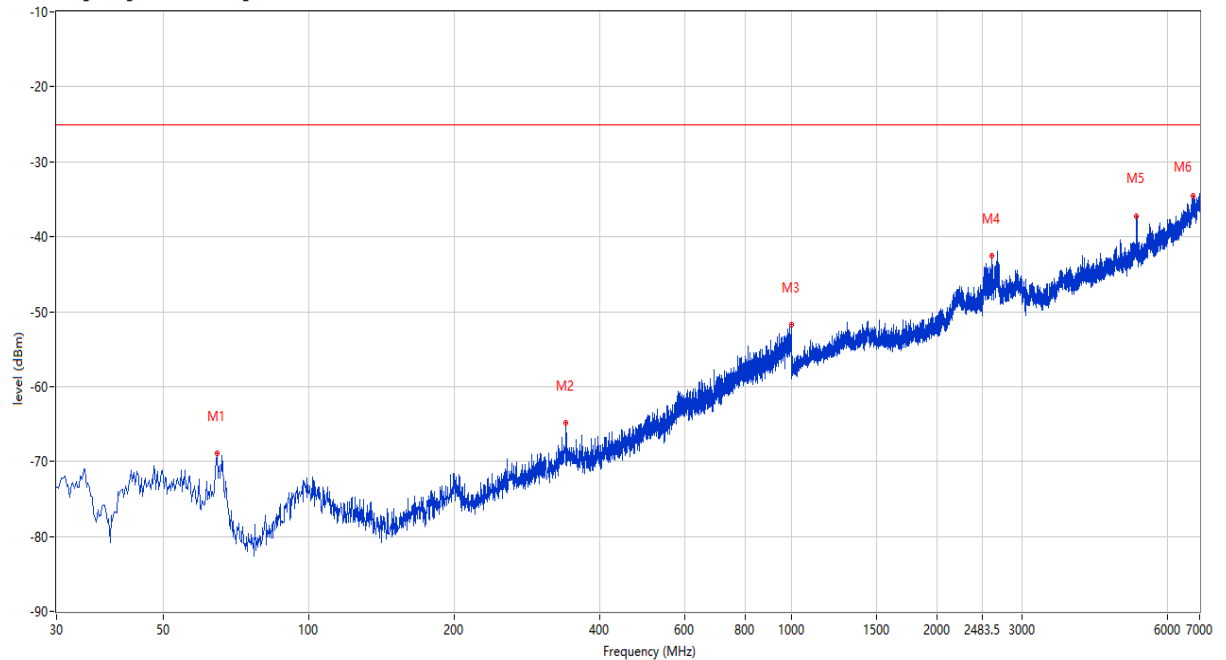
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
64.677	-68.89	-16.81	-25.0	43.89	218.70	Vertical	Vertical	Pass
341.127	-64.80	-9.03	-25.0	39.80	359.70	Vertical	Vertical	Pass
998.787	-51.78	3.83	-25.0	26.78	187.00	Vertical	Vertical	Pass
2595.000	-42.59	9.99	-25.0	17.59	170.30	Vertical	Vertical	Pass
5184.000	-37.24	14.61	-25.0	12.24	209.70	Vertical	Vertical	Pass
6781.000	-34.51	19.21	-25.0	9.51	307.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.51.39

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

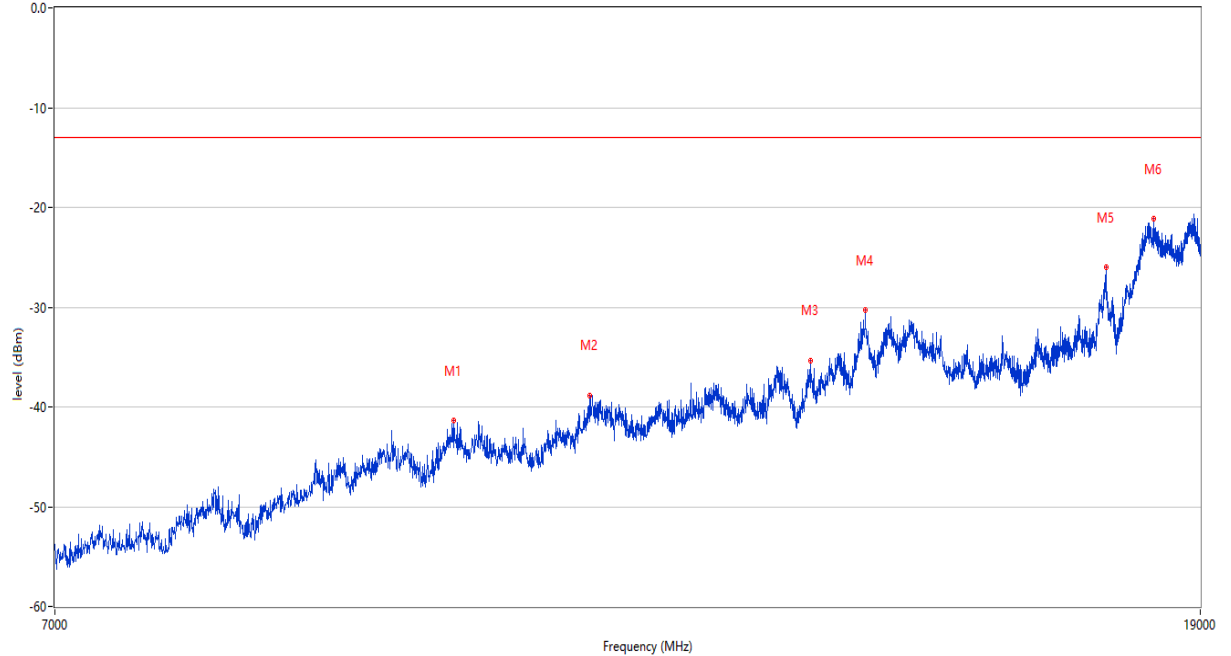
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9907.000	-41.38	29.94	-13.0	28.38	43.80	Vertical	Vertical	Pass
11155.000	-38.84	30.80	-13.0	25.84	43.80	Vertical	Vertical	Pass
13525.000	-35.33	36.08	-13.0	22.33	360.00	Vertical	Vertical	Pass
14188.000	-30.33	40.34	-13.0	17.33	43.80	Vertical	Vertical	Pass
17503.001	-25.98	43.13	-13.0	12.98	76.20	Vertical	Vertical	Pass
18250.000	-21.13	47.11	-13.0	8.13	3.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.21.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

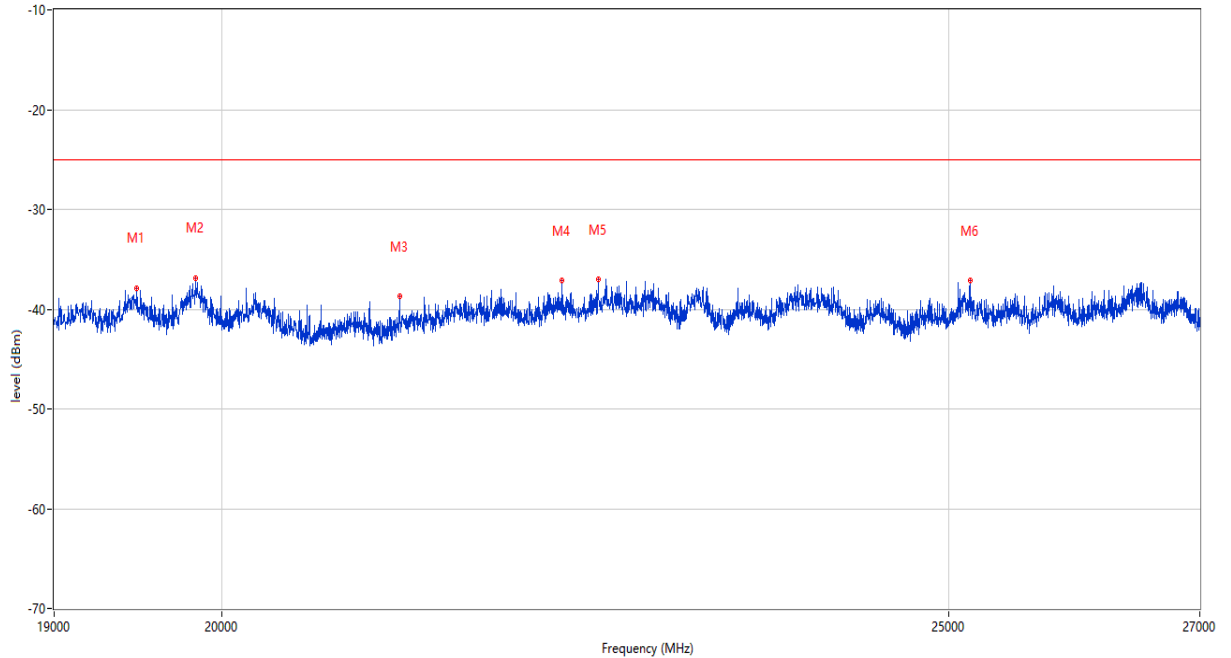
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B41 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19488.000	-37.91	13.51	-25.0	12.91	145.90	Vertical	Vertical	Pass
19844.000	-36.84	14.02	-25.0	11.84	315.30	Vertical	Vertical	Pass
21124.000	-38.67	13.68	-25.0	13.67	82.70	Vertical	Vertical	Pass
22204.000	-37.08	15.05	-25.0	12.08	283.30	Vertical	Vertical	Pass
22450.000	-37.00	15.27	-25.0	12.00	145.90	Vertical	Vertical	Pass
25163.999	-37.11	14.89	-25.0	12.11	145.90	Vertical	Vertical	Pass

9.3 LTE-B41-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.44.34

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

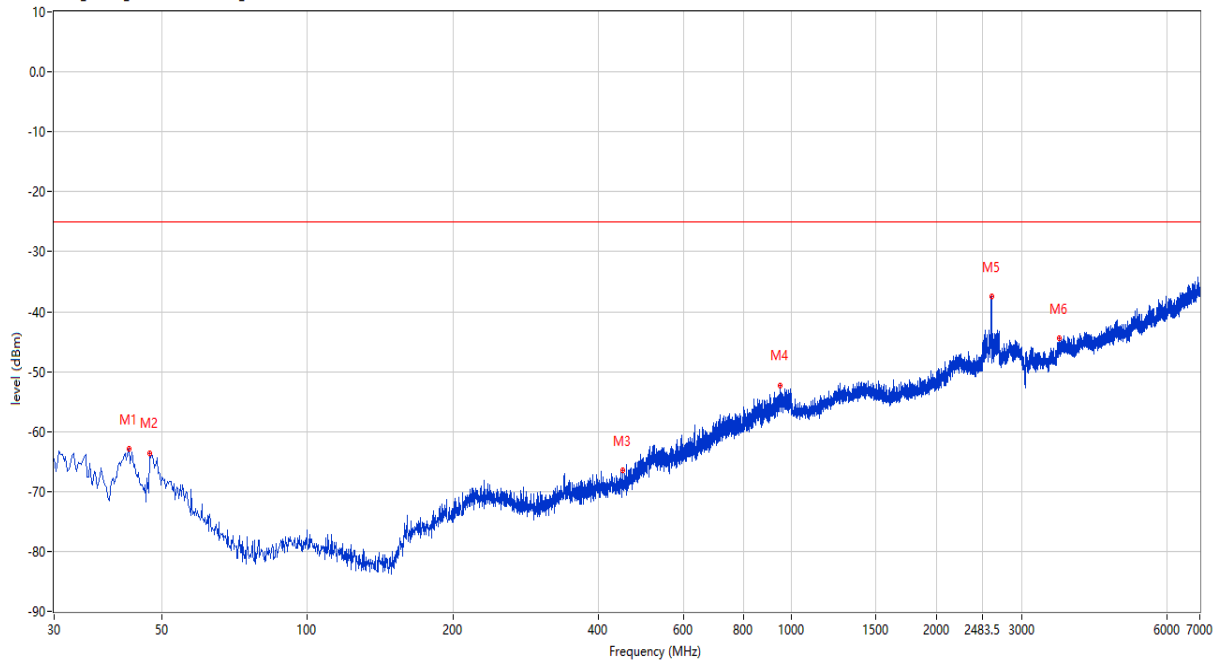
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
42.852	-62.95	-10.54	-25.0	37.95	82.70	Horizontal	Vertical	Pass
47.218	-63.61	-10.36	-25.0	38.61	82.70	Horizontal	Vertical	Pass
449.767	-66.50	-8.51	-25.0	41.50	353.90	Horizontal	Vertical	Pass
948.833	-52.34	2.91	-25.0	27.34	82.70	Horizontal	Vertical	Pass
2596.000	-37.47	10.02	-25.0	12.47	18.80	Horizontal	Vertical	Pass
3591.000	-44.49	11.57	-25.0	19.49	360.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.04.19

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

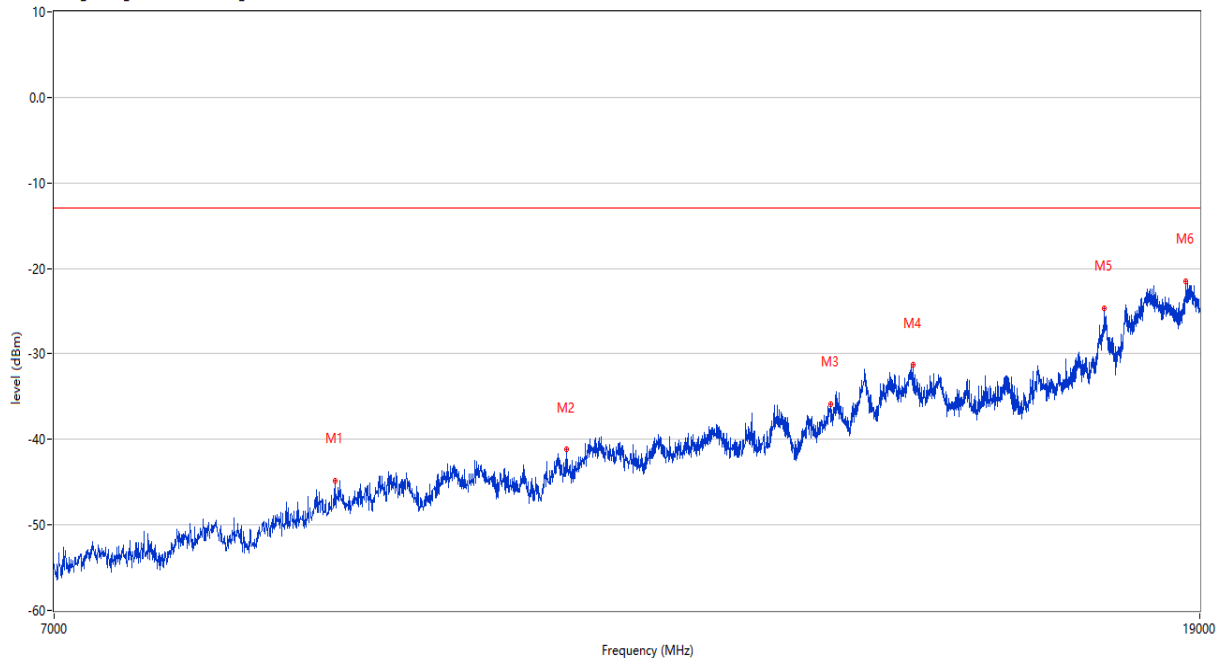
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8941.000	-44.81	26.99	-13.0	31.81	13.50	Horizontal	Vertical	Pass
10945.000	-41.21	29.83	-13.0	28.21	360.00	Horizontal	Vertical	Pass
13767.999	-35.83	34.73	-13.0	22.83	360.00	Horizontal	Vertical	Pass
14794.000	-31.33	38.54	-13.0	18.33	117.70	Horizontal	Vertical	Pass
17479.000	-24.69	44.49	-13.0	11.69	65.20	Horizontal	Vertical	Pass
18772.001	-21.45	47.02	-13.0	8.45	282.20	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.36.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

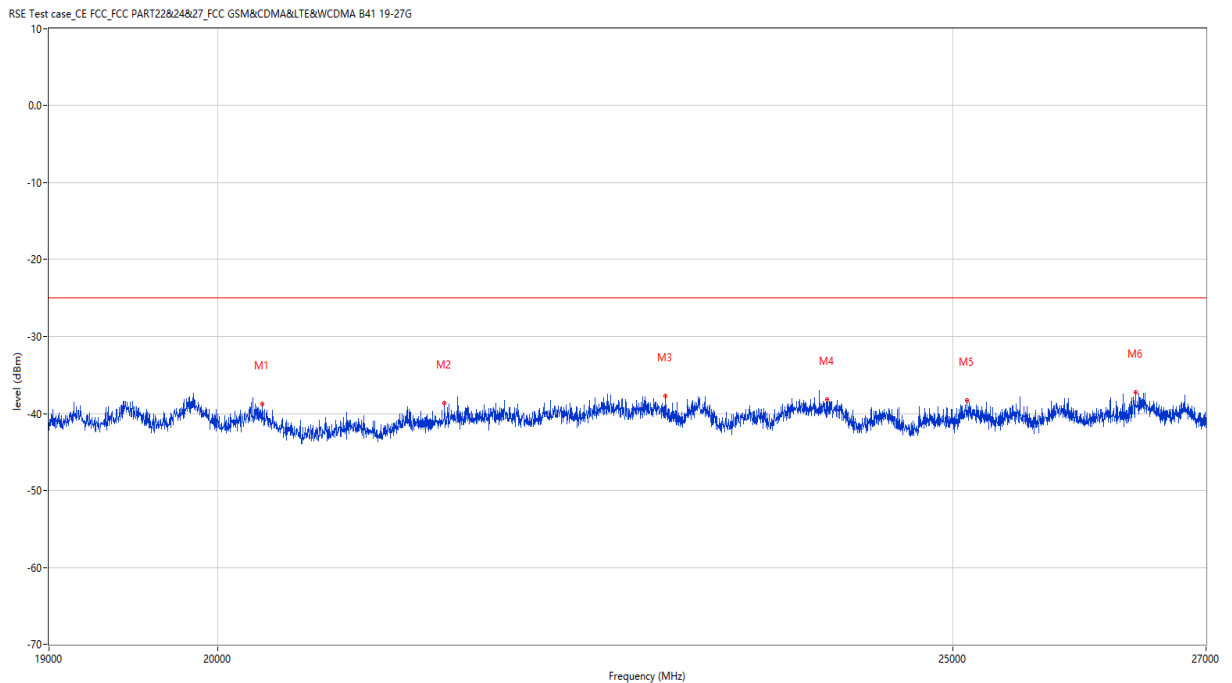
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
20270.000	-38.74	13.74	-25.0	13.74	37.20	Horizontal	Vertical	Pass
21426.000	-38.61	14.55	-25.0	13.61	46.10	Horizontal	Vertical	Pass
22912.000	-37.74	15.17	-25.0	12.74	147.50	Horizontal	Vertical	Pass
24064.000	-38.14	15.92	-25.0	13.14	197.20	Horizontal	Vertical	Pass
25110.000	-38.29	14.87	-25.0	13.29	46.10	Horizontal	Vertical	Pass
26428.000	-37.22	15.35	-25.0	12.22	46.10	Horizontal	Vertical	Pass

9.4 LTE-B41-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.57.07

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

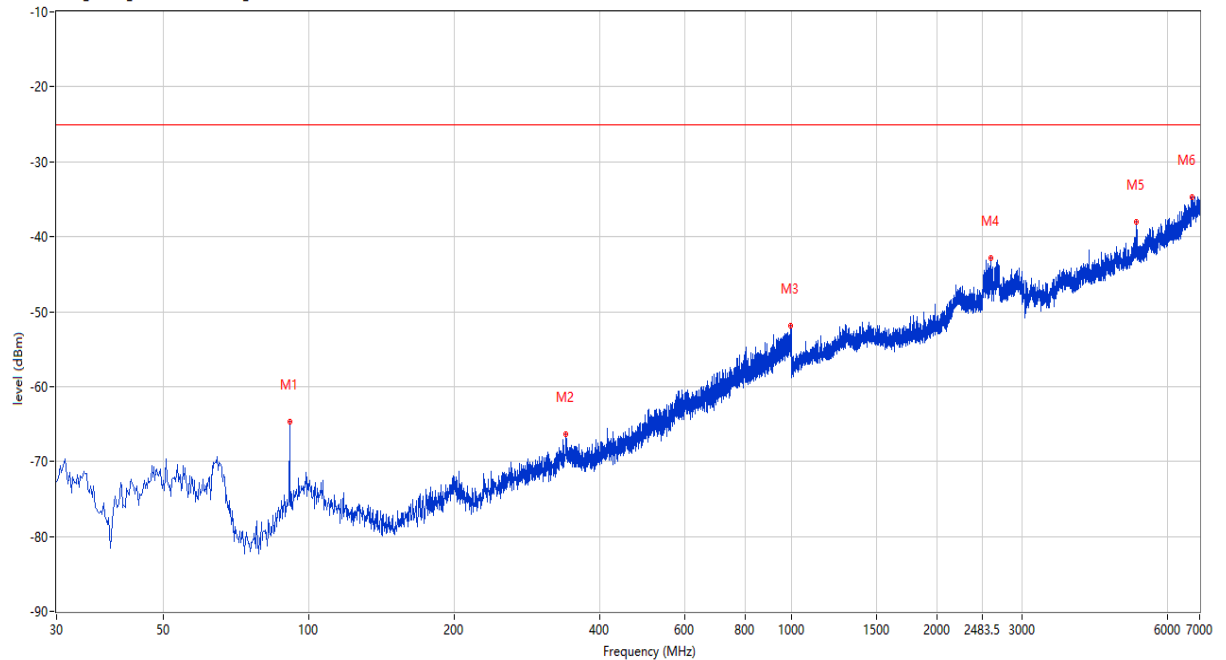
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
91.110	-64.65	-16.03	-25.0	39.65	27.70	Vertical	Vertical	Pass
340.642	-66.35	-9.01	-25.0	41.35	347.20	Vertical	Vertical	Pass
996.120	-51.93	3.77	-25.0	26.93	69.40	Vertical	Vertical	Pass
2589.000	-42.89	10.01	-25.0	17.89	158.70	Vertical	Vertical	Pass
5184.000	-38.08	14.61	-25.0	13.08	198.40	Vertical	Vertical	Pass
6748.000	-34.73	19.21	-25.0	9.73	126.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_12.53.17

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9919.000	-41.15	29.93	-13.0	28.15	274.70	Vertical	Vertical	Pass
11188.000	-38.26	30.84	-13.0	25.26	56.30	Vertical	Vertical	Pass
13168.000	-35.54	34.15	-13.0	22.54	87.20	Vertical	Vertical	Pass
14185.000	-30.52	40.28	-13.0	17.52	87.20	Vertical	Vertical	Pass
14761.000	-30.80	39.85	-13.0	17.80	359.60	Vertical	Vertical	Pass
18141.999	-20.28	46.97	-13.0	7.28	98.00	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.23.30

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

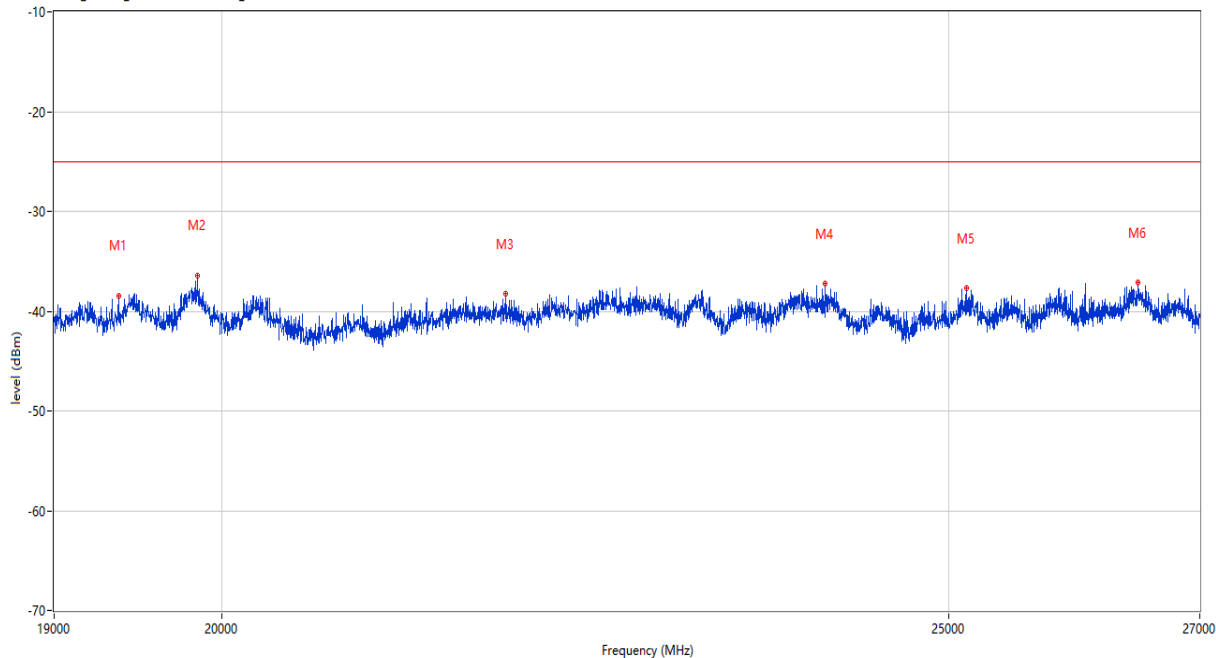
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B41 19-27G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19378.000	-38.45	13.78	-25.0	13.45	236.70	Vertical	Vertical	Pass
19854.000	-36.40	14.03	-25.0	11.40	86.70	Vertical	Vertical	Pass
21824.000	-38.29	14.84	-25.0	13.29	236.70	Vertical	Vertical	Pass
24071.999	-37.24	15.87	-25.0	12.24	96.00	Vertical	Vertical	Pass
25138.000	-37.73	14.88	-25.0	12.73	357.50	Vertical	Vertical	Pass
26496.000	-37.10	15.48	-25.0	12.10	308.20	Vertical	Vertical	Pass

9.5 LTE-B41-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.47.33

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

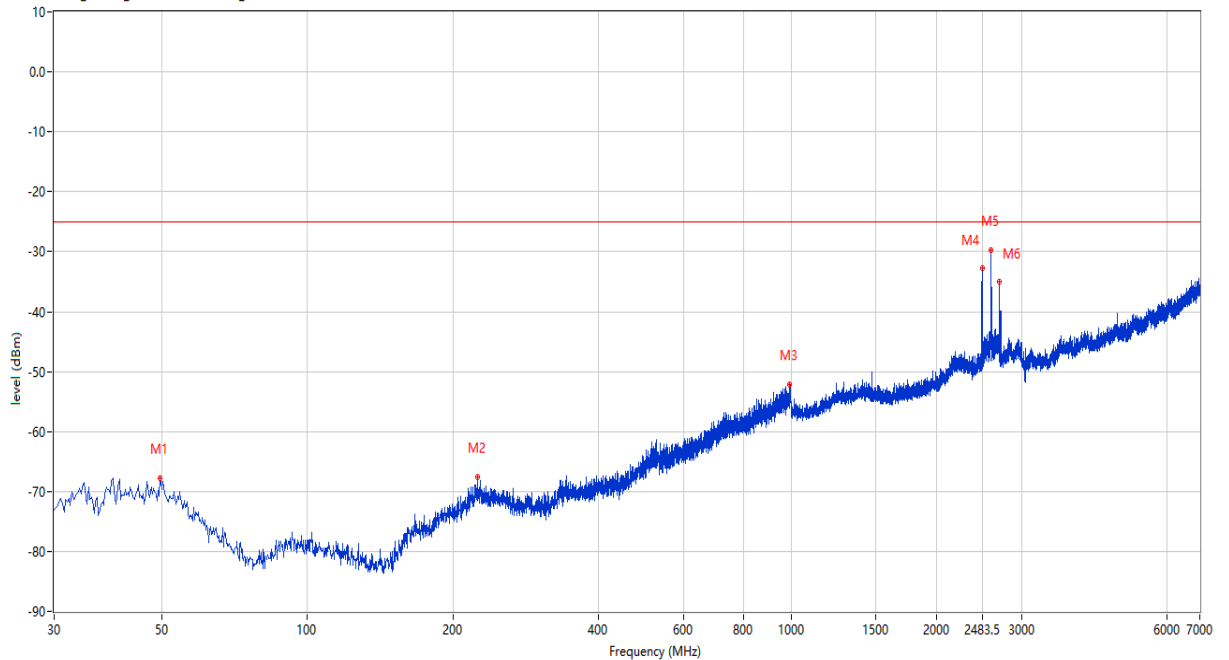
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
49.642	-67.83	-10.07	-25.0	42.83	153.10	Horizontal	Vertical	Pass
224.727	-67.65	-11.02	-25.0	42.65	342.90	Horizontal	Vertical	Pass
991.755	-52.17	3.71	-25.0	27.17	7.20	Horizontal	Vertical	Pass
2484.000	-32.67	7.27	-25.0	7.67	19.30	Horizontal	Vertical	Pass
2587.500	-29.78	10.07	-25.0	4.78	39.30	Horizontal	Vertical	Pass
2698.000	-35.07	8.88	-25.0	10.07	351.50	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.05.52

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

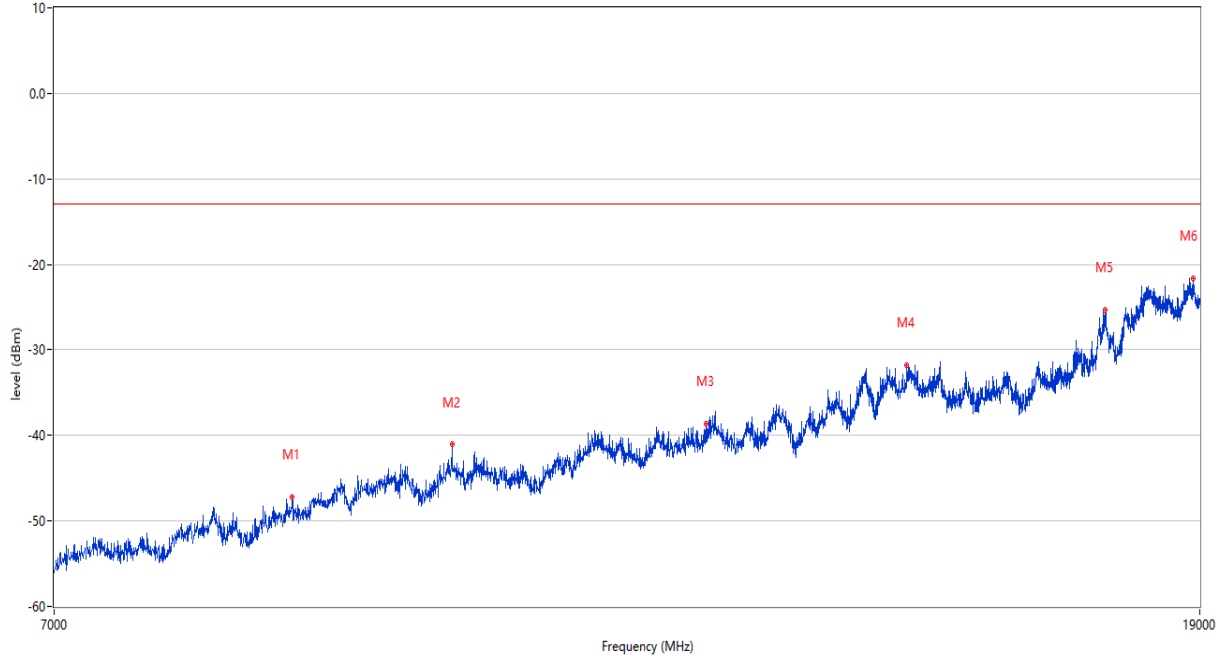
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8614.000	-47.18	24.53	-13.0	34.18	172.70	Horizontal	Vertical	Pass
9904.000	-41.08	29.25	-13.0	28.08	360.00	Horizontal	Vertical	Pass
12355.000	-38.61	32.22	-13.0	25.61	1.10	Horizontal	Vertical	Pass
14716.000	-31.83	38.45	-13.0	18.83	6.40	Horizontal	Vertical	Pass
17497.000	-25.39	45.10	-13.0	12.39	335.00	Horizontal	Vertical	Pass
18895.000	-21.58	47.17	-13.0	8.58	48.10	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.33.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

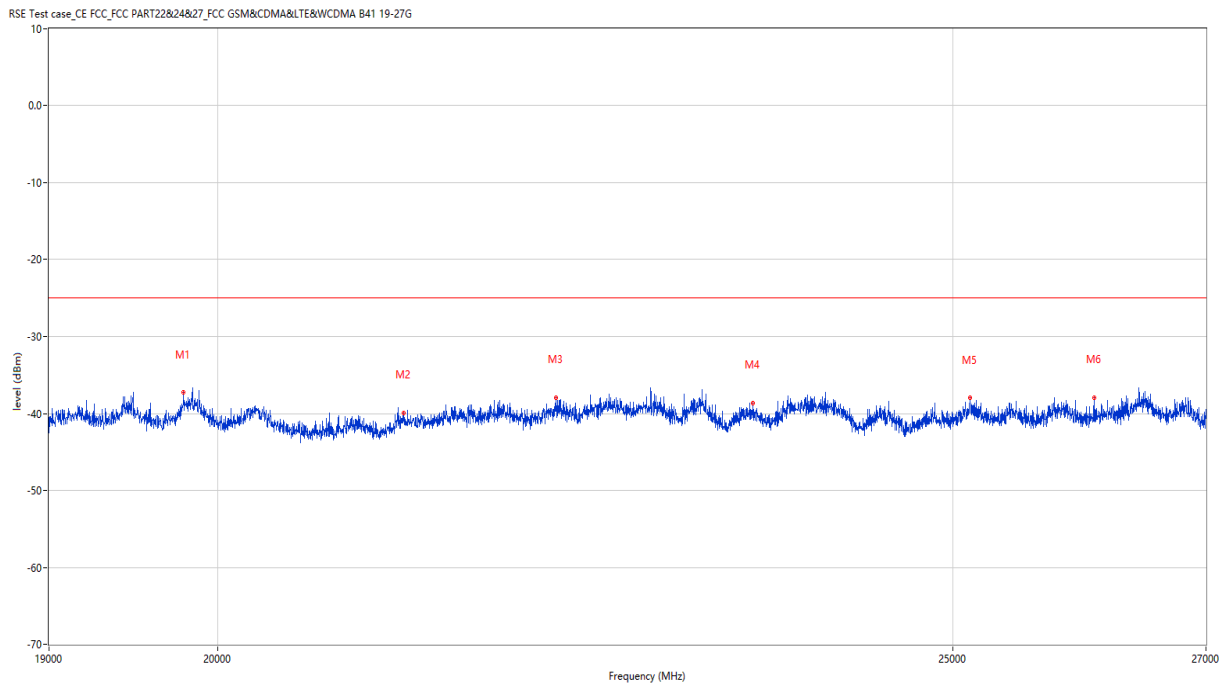
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19791.999	-37.30	13.93	-25.0	12.30	191.00	Horizontal	Vertical	Pass
21162.000	-39.90	13.79	-25.0	14.90	304.00	Horizontal	Vertical	Pass
22162.000	-37.94	15.01	-25.0	12.94	354.30	Horizontal	Vertical	Pass
23530.000	-38.64	14.53	-25.0	13.64	278.10	Horizontal	Vertical	Pass
25134.000	-37.99	14.88	-25.0	12.99	304.00	Horizontal	Vertical	Pass
26102.000	-37.93	14.75	-25.0	12.93	354.30	Horizontal	Vertical	Pass

9.6 LTE-B41-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_11.00.12

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

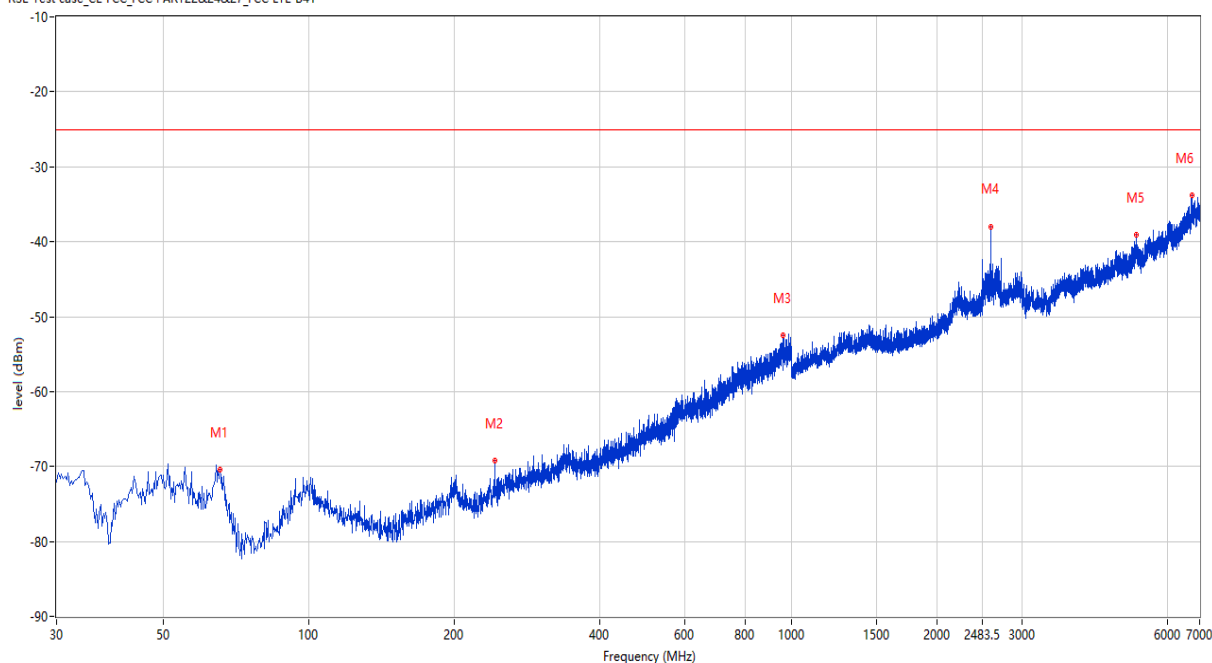
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
65.405	-70.39	-17.33	-25.0	45.39	282.10	Vertical	Vertical	Pass
242.672	-69.16	-13.77	-25.0	44.16	151.90	Vertical	Vertical	Pass
959.745	-52.50	3.03	-25.0	27.50	335.40	Vertical	Vertical	Pass
2587.500	-37.96	10.01	-25.0	12.96	164.00	Vertical	Vertical	Pass
5176.000	-39.08	14.67	-25.0	14.08	125.20	Vertical	Vertical	Pass
6757.000	-33.80	19.24	-25.0	8.80	73.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.01.34

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

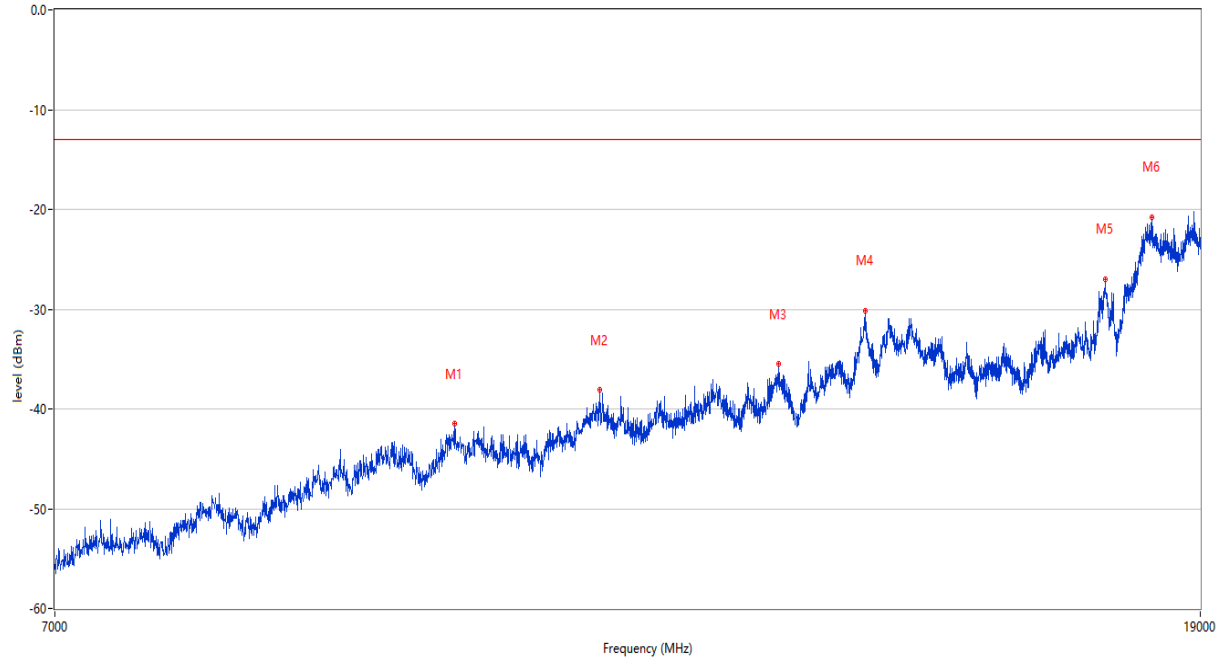
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9916.000	-41.48	29.98	-13.0	28.48	144.00	Vertical	Vertical	Pass
11254.000	-38.11	31.66	-13.0	25.11	90.50	Vertical	Vertical	Pass
13153.000	-35.50	34.31	-13.0	22.50	360.00	Vertical	Vertical	Pass
14194.000	-30.12	40.15	-13.0	17.12	16.40	Vertical	Vertical	Pass
17485.001	-26.96	43.09	-13.0	13.96	78.90	Vertical	Vertical	Pass
18211.000	-20.83	47.06	-13.0	7.83	78.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.34.42

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

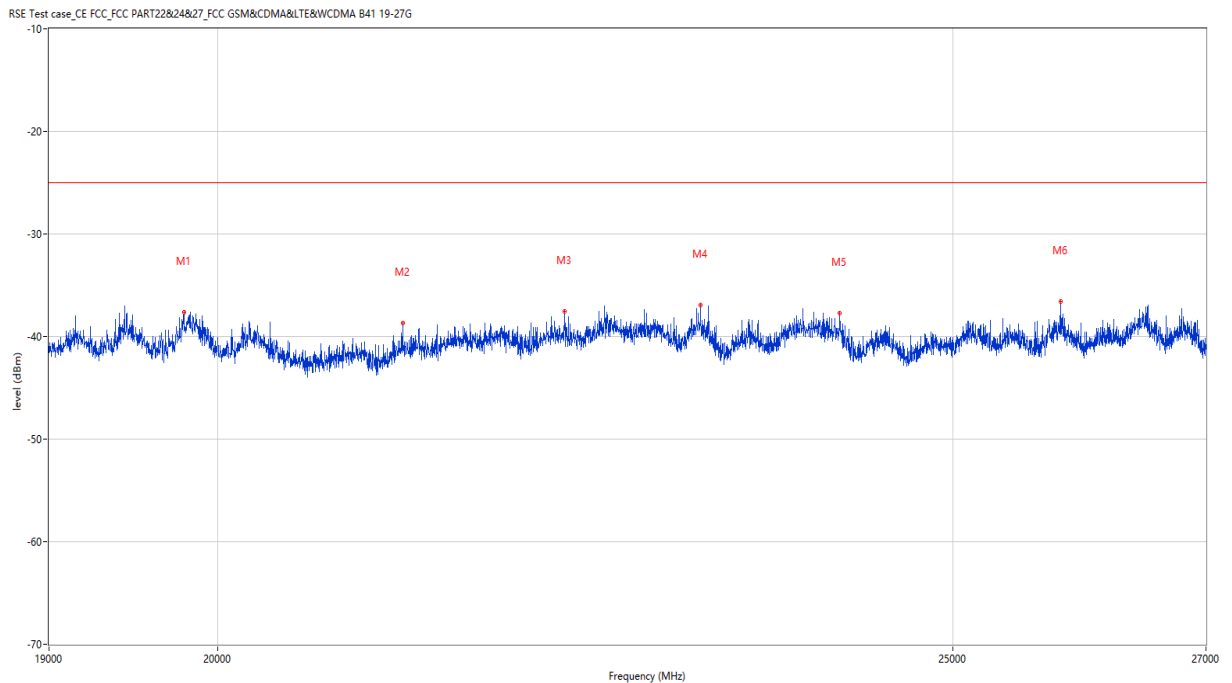
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19796.001	-37.61	13.94	-25.0	12.61	184.90	Vertical	Vertical	Pass
21154.001	-38.73	13.77	-25.0	13.73	270.50	Vertical	Vertical	Pass
22222.000	-37.58	15.07	-25.0	12.58	158.30	Vertical	Vertical	Pass
23158.000	-36.95	14.91	-25.0	11.95	82.00	Vertical	Vertical	Pass
24156.000	-37.68	15.31	-25.0	12.68	30.30	Vertical	Vertical	Pass
25831.999	-36.56	14.72	-25.0	11.56	30.30	Vertical	Vertical	Pass

9.7 LTE-B41-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.50.36

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

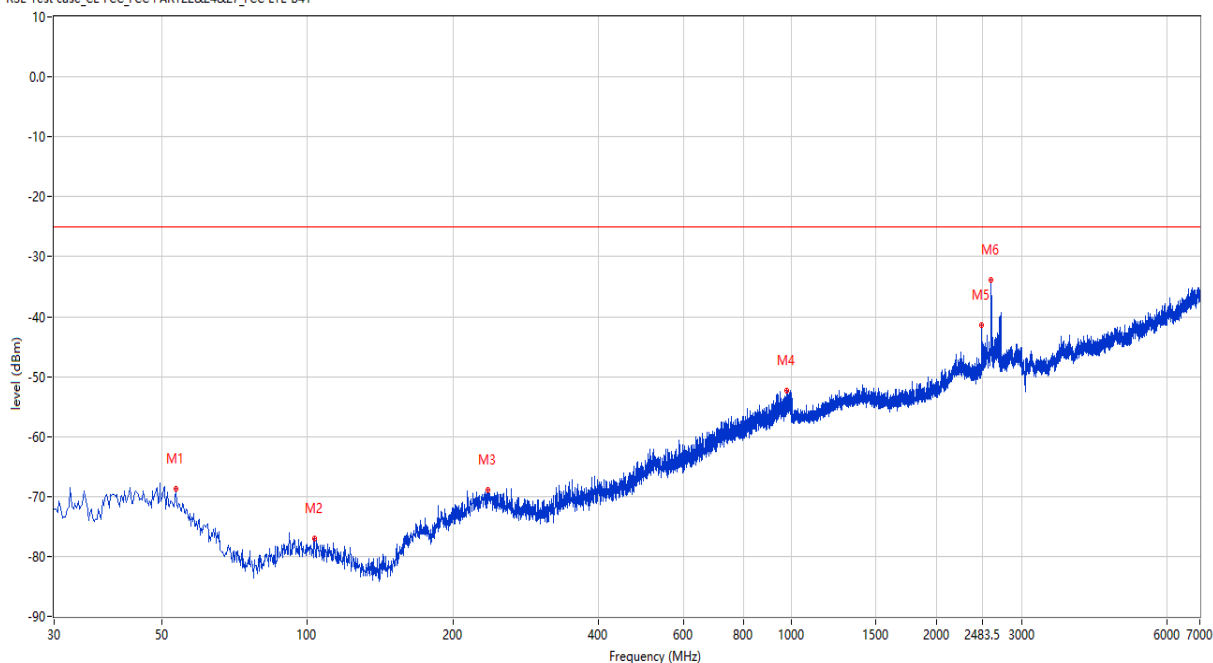
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
53.523	-68.72	-11.05	-25.0	43.72	241.80	Horizontal	Vertical	Pass
103.478	-76.93	-19.14	-25.0	51.93	273.40	Horizontal	Vertical	Pass
236.125	-68.90	-10.95	-25.0	43.90	116.40	Horizontal	Vertical	Pass
978.660	-52.25	3.41	-25.0	27.25	209.80	Horizontal	Vertical	Pass
2474.000	-41.33	6.87	-25.0	16.33	50.10	Horizontal	Vertical	Pass
2588.000	-33.86	10.07	-25.0	8.86	359.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_14.07.39

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

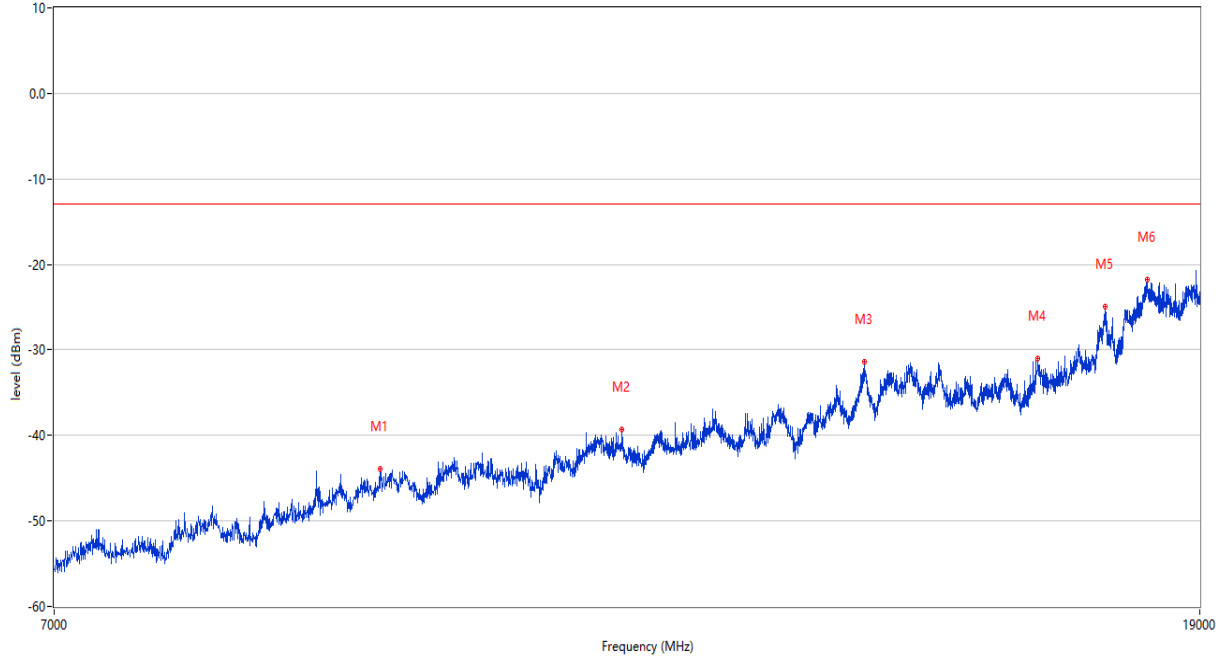
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9304.001	-43.86	27.24	-13.0	30.86	5.40	Horizontal	Vertical	Pass
11485.000	-39.32	31.02	-13.0	26.32	242.70	Horizontal	Vertical	Pass
14182.000	-31.36	39.28	-13.0	18.36	116.50	Horizontal	Vertical	Pass
16501.000	-31.05	38.10	-13.0	18.05	179.40	Horizontal	Vertical	Pass
17500.000	-24.90	45.16	-13.0	11.90	342.40	Horizontal	Vertical	Pass
18151.000	-21.71	46.21	-13.0	8.71	358.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.32.01

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

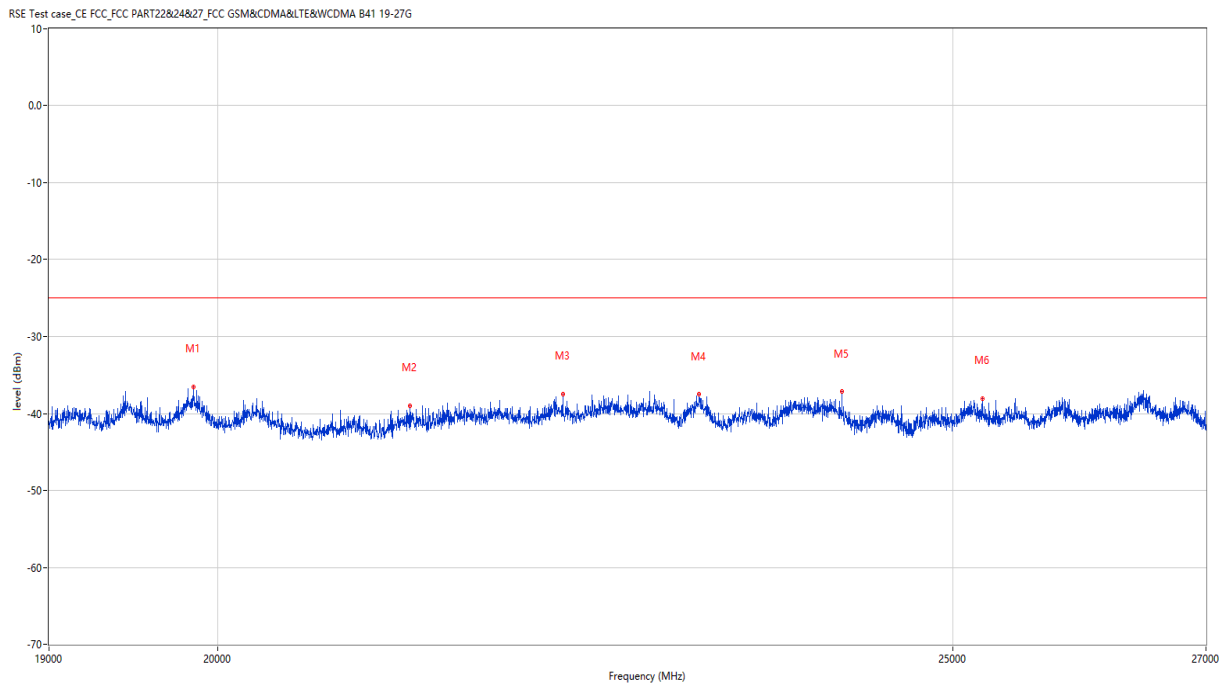
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19854.000	-36.57	14.03	-25.0	11.57	301.70	Horizontal	Vertical	Pass
21199.999	-39.01	13.90	-25.0	14.01	0.10	Horizontal	Vertical	Pass
22208.000	-37.43	15.05	-25.0	12.43	152.80	Horizontal	Vertical	Pass
23147.999	-37.53	14.92	-25.0	12.53	0.00	Horizontal	Vertical	Pass
24174.000	-37.18	15.19	-25.0	12.18	83.60	Horizontal	Vertical	Pass
25227.999	-38.07	14.92	-25.0	13.07	343.40	Horizontal	Vertical	Pass

9.8 LTE-B41-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_11.07.07

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

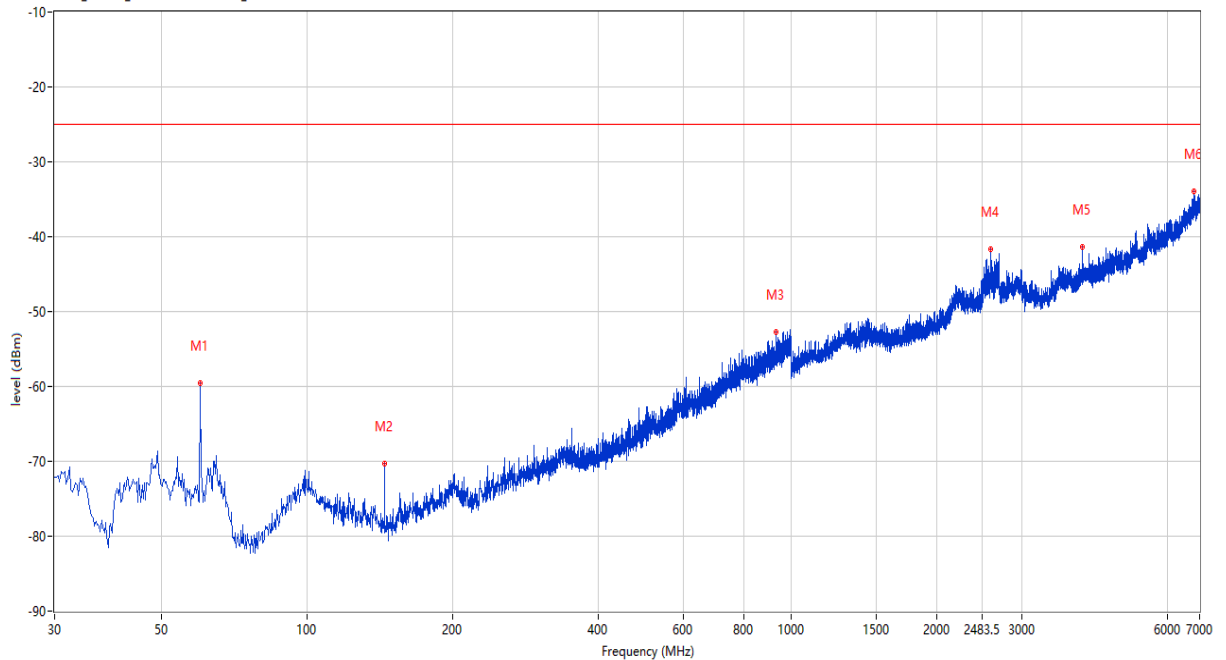
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B41



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
60.070	-59.61	-16.12	-25.0	34.61	15.70	Vertical	Vertical	Pass
144.460	-70.30	-19.26	-25.0	45.30	27.60	Vertical	Vertical	Pass
930.160	-52.67	2.32	-25.0	27.67	50.30	Vertical	Vertical	Pass
2587.000	-41.70	10.02	-25.0	16.70	114.80	Vertical	Vertical	Pass
3998.000	-41.34	12.37	-25.0	16.34	80.30	Vertical	Vertical	Pass
6820.000	-34.00	19.11	-25.0	9.00	303.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_13.00.16

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

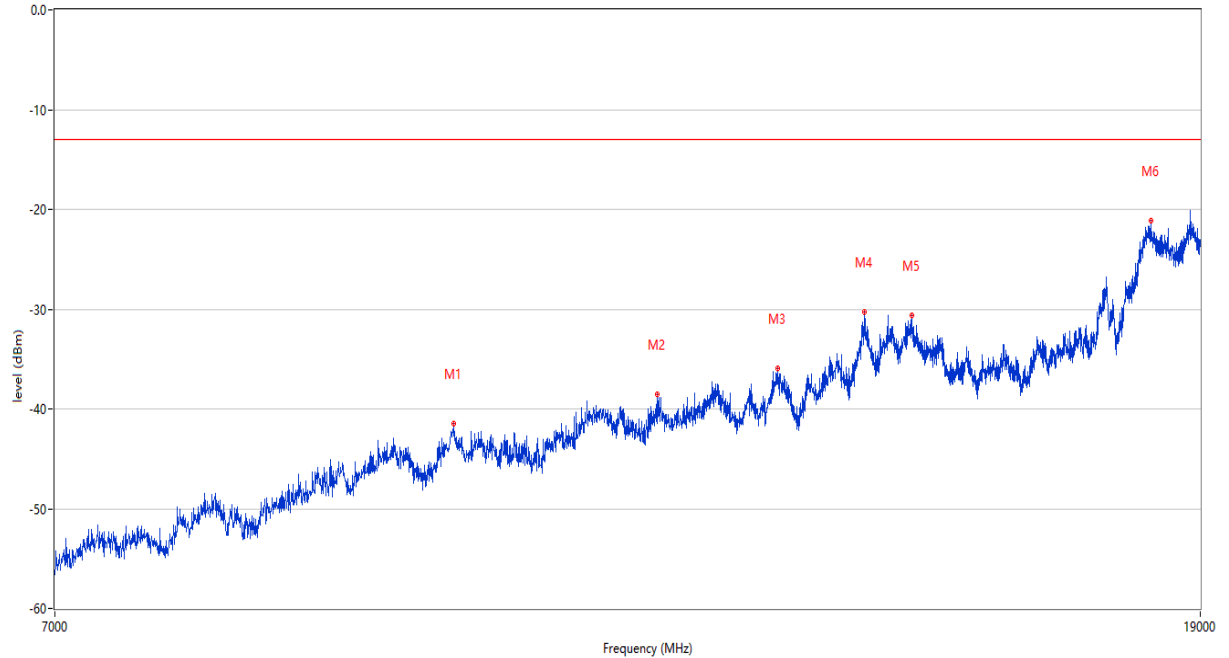
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9913.000	-41.45	29.97	-13.0	28.45	33.90	Vertical	Vertical	Pass
11836.000	-38.55	31.72	-13.0	25.55	11.90	Vertical	Vertical	Pass
13147.000	-35.93	34.35	-13.0	22.93	74.40	Vertical	Vertical	Pass
14176.000	-30.34	40.09	-13.0	17.34	157.40	Vertical	Vertical	Pass
14776.001	-30.60	39.59	-13.0	17.60	136.20	Vertical	Vertical	Pass
18196.001	-21.12	47.04	-13.0	8.12	289.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-10-07_13.29.53

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

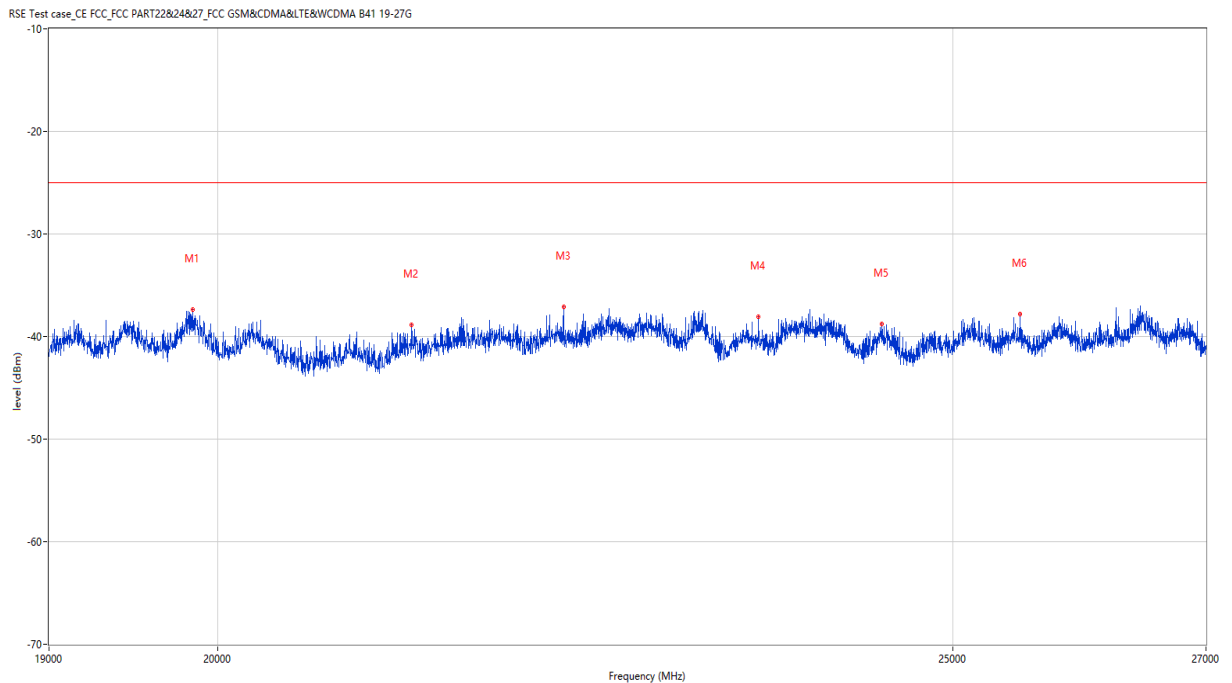
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
19850.000	-37.36	14.03	-25.0	12.36	97.60	Vertical	Vertical	Pass
21209.999	-38.84	13.93	-25.0	13.84	105.60	Vertical	Vertical	Pass
22214.001	-37.14	15.06	-25.0	12.14	291.50	Vertical	Vertical	Pass
23570.000	-38.03	14.68	-25.0	13.03	62.40	Vertical	Vertical	Pass
24466.000	-38.81	13.26	-25.0	13.81	194.90	Vertical	Vertical	Pass
25515.999	-37.81	15.02	-25.0	12.81	358.20	Vertical	Vertical	Pass

10 LTE B66

10.1 LTE-B66-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.55.23

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

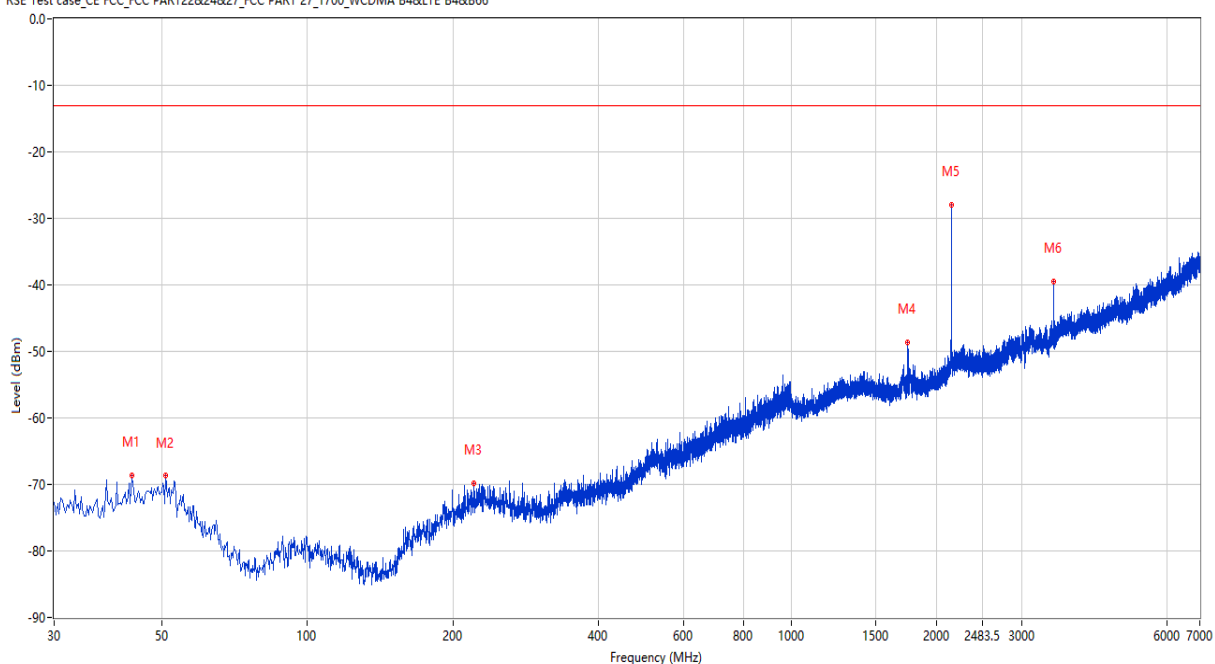
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
43.337	-68.62	-10.68	-13.0	55.62	239.40	Horizontal	Vertical	Pass
51.097	-68.72	-10.59	-13.0	55.72	73.40	Horizontal	Vertical	Pass
221.090	-69.77	-11.89	-13.0	56.77	73.40	Horizontal	Vertical	Pass
1745.500	-48.68	2.05	-13.0	35.68	360.00	Horizontal	Vertical	Pass
2145.000	-27.89	3.50	-13.0	14.89	359.20	Horizontal	Vertical	Pass
3490.000	-39.44	9.85	-13.0	26.44	79.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.16.29

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

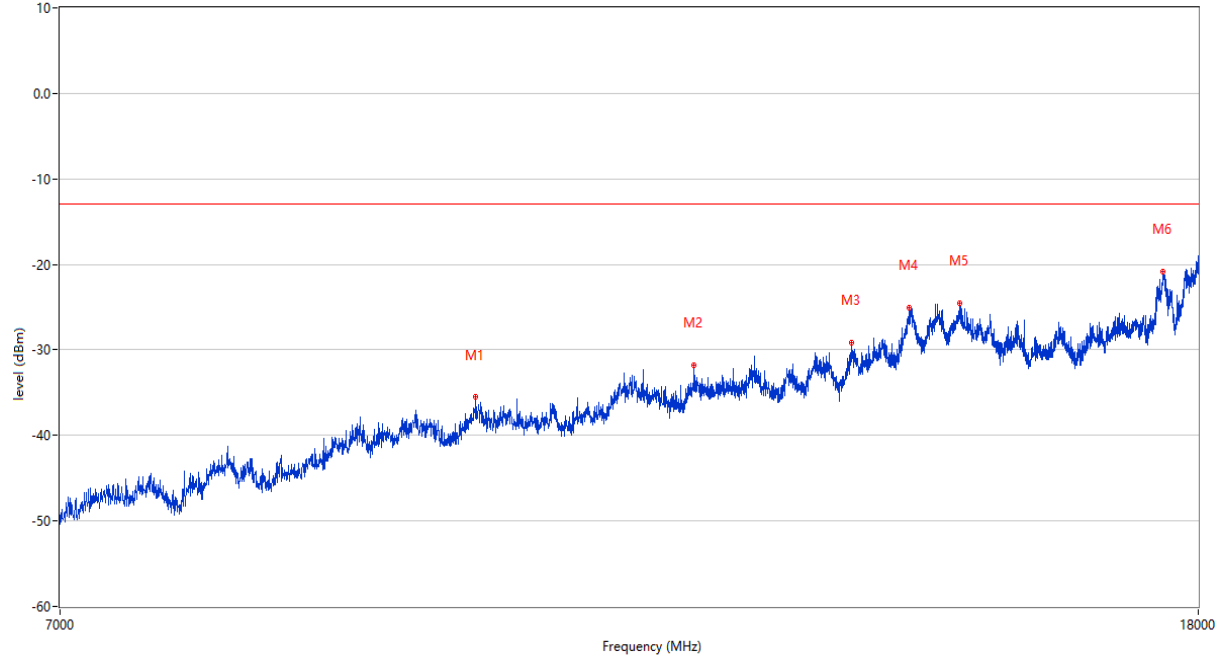
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9882.000	-35.54	29.52	-13.0	22.54	204.10	Horizontal	Vertical	Pass
11848.250	-31.76	31.95	-13.0	18.76	243.20	Horizontal	Vertical	Pass
13501.000	-29.20	36.31	-13.0	16.20	354.70	Horizontal	Vertical	Pass
14163.750	-25.02	39.83	-13.0	12.02	119.30	Horizontal	Vertical	Pass
14763.250	-24.57	39.86	-13.0	11.57	119.30	Horizontal	Vertical	Pass
17477.501	-20.79	42.66	-13.0	7.79	310.90	Horizontal	Vertical	Pass

10.2 LTE-B66-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_09.45.57

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

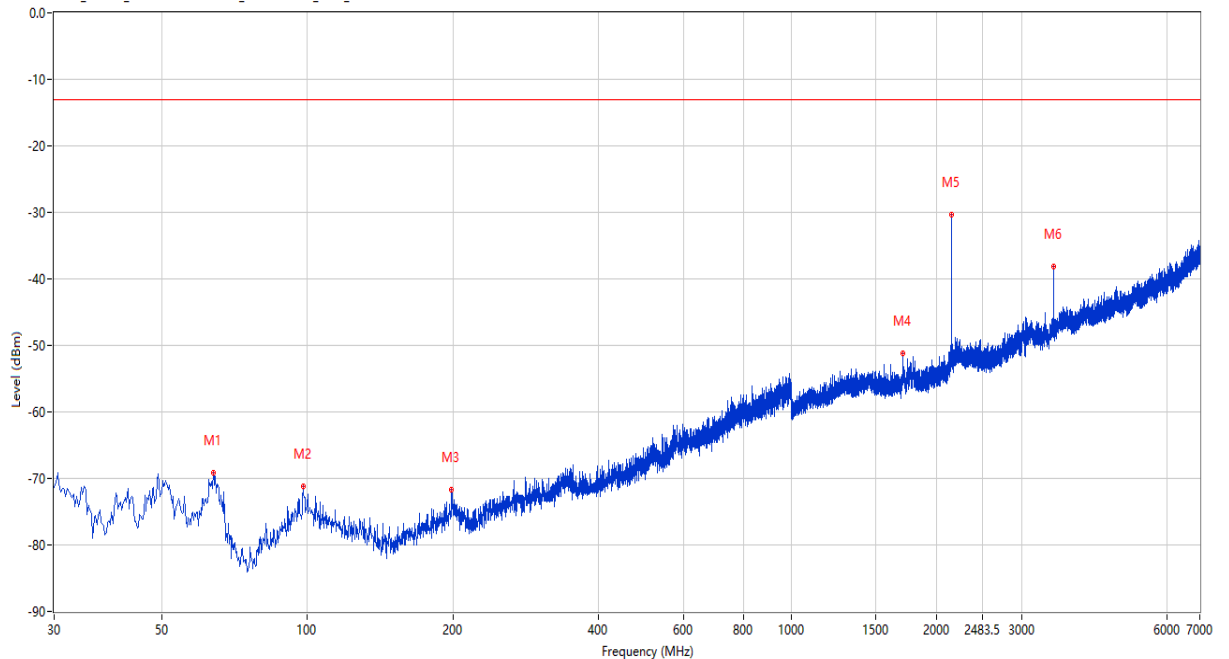
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
63.950	-69.16	-16.65	-13.0	56.16	245.60	Vertical	Vertical	Pass
98.143	-71.20	-13.73	-13.0	58.20	284.30	Vertical	Vertical	Pass
198.780	-71.70	-14.71	-13.0	58.70	214.70	Vertical	Vertical	Pass
1702.750	-51.19	1.50	-13.0	38.19	38.60	Vertical	Vertical	Pass
2145.250	-30.35	3.06	-13.0	17.35	184.50	Vertical	Vertical	Pass
3490.000	-38.17	9.83	-13.0	25.17	207.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.12.45

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

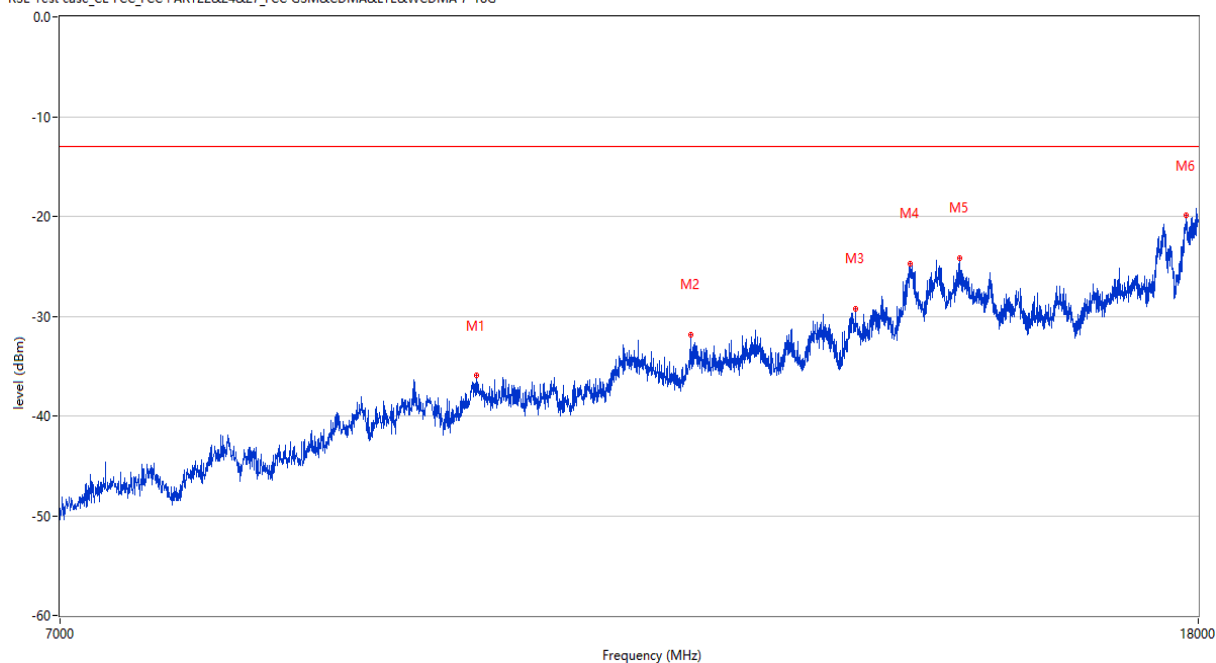
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9887.500	-35.93	29.64	-13.0	22.93	161.50	Vertical	Vertical	Pass
11809.750	-31.83	31.24	-13.0	18.83	318.30	Vertical	Vertical	Pass
13542.250	-29.22	35.93	-13.0	16.22	161.50	Vertical	Vertical	Pass
14174.750	-24.74	40.07	-13.0	11.74	253.50	Vertical	Vertical	Pass
14771.500	-24.13	39.69	-13.0	11.13	203.30	Vertical	Vertical	Pass
17826.750	-19.88	42.02	-13.0	6.88	45.70	Vertical	Vertical	Pass

10.3 LTE-B66-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_19.58.57

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

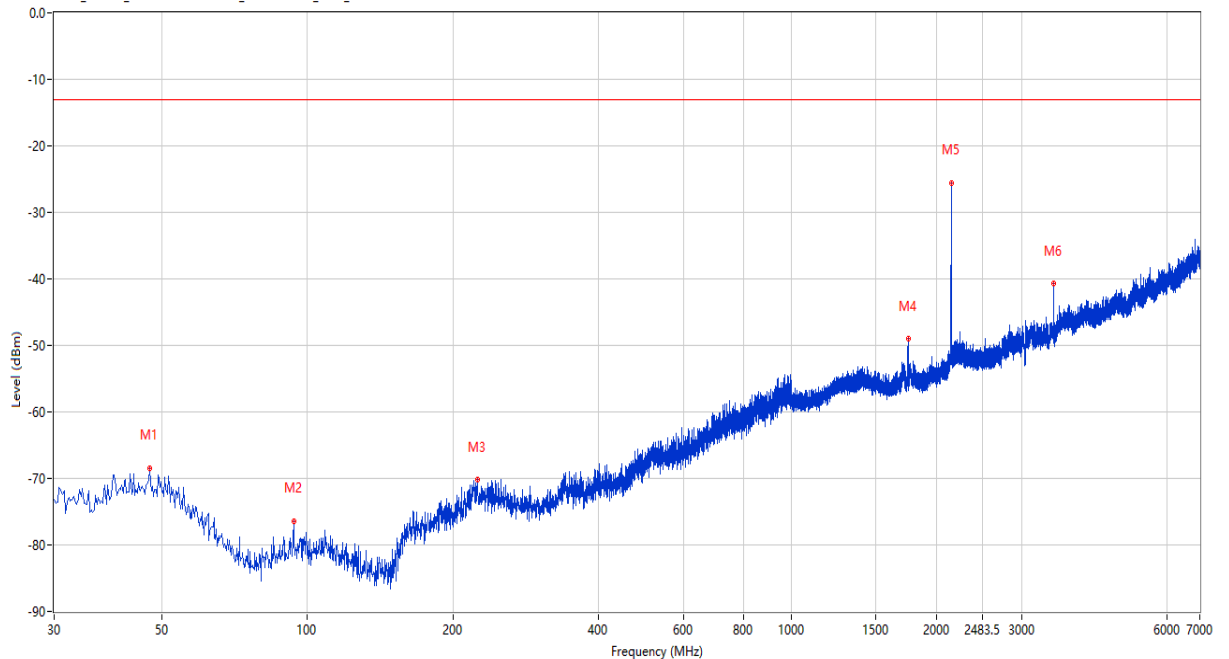
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
47.218	-68.42	-10.62	-13.0	55.42	67.40	Horizontal	Vertical	Pass
93.777	-76.37	-19.14	-13.0	63.37	211.40	Horizontal	Vertical	Pass
224.970	-70.20	-11.86	-13.0	57.20	211.40	Horizontal	Vertical	Pass
1746.000	-49.07	2.05	-13.0	36.07	33.30	Horizontal	Vertical	Pass
2145.750	-25.54	3.52	-13.0	12.54	132.70	Horizontal	Vertical	Pass
3490.000	-40.75	9.85	-13.0	27.75	186.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.18.01

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

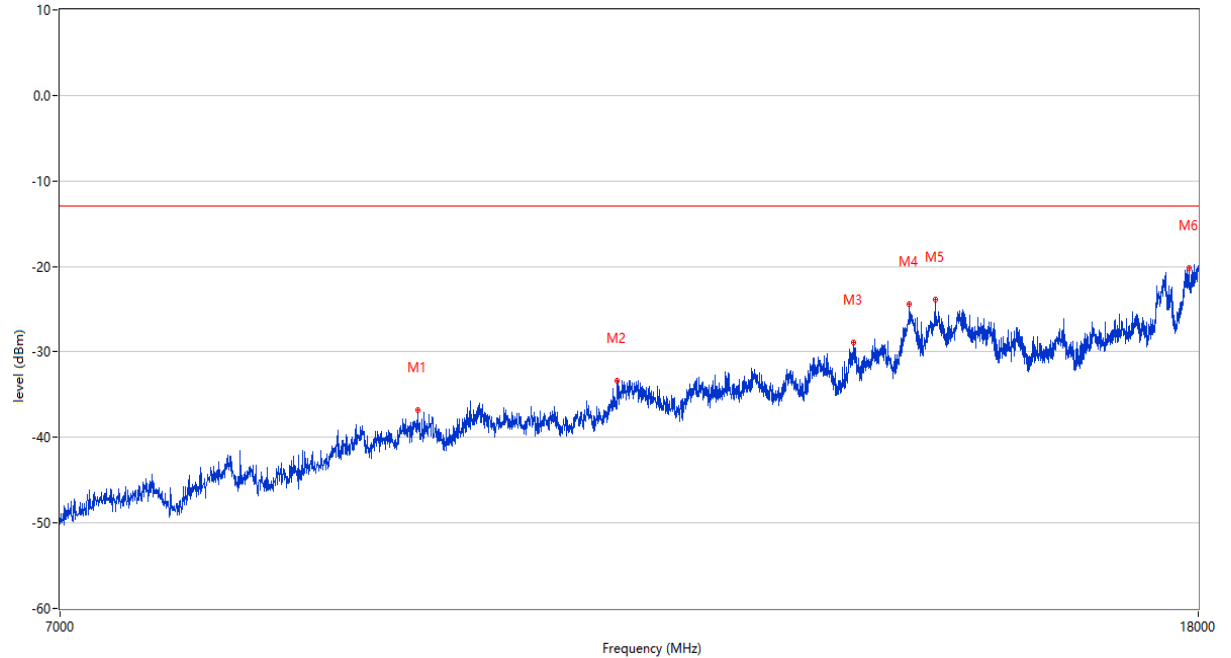
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9420.000	-36.83	28.04	-13.0	23.83	359.10	Horizontal	Vertical	Pass
11111.250	-33.43	30.22	-13.0	20.43	0.00	Horizontal	Vertical	Pass
13517.500	-28.88	36.15	-13.0	15.88	65.10	Horizontal	Vertical	Pass
14158.250	-24.47	39.72	-13.0	11.47	25.80	Horizontal	Vertical	Pass
14469.000	-23.87	38.68	-13.0	10.87	4.40	Horizontal	Vertical	Pass
17862.500	-20.24	42.01	-13.0	7.24	65.10	Horizontal	Vertical	Pass

10.4 LTE-B66-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.07.24

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

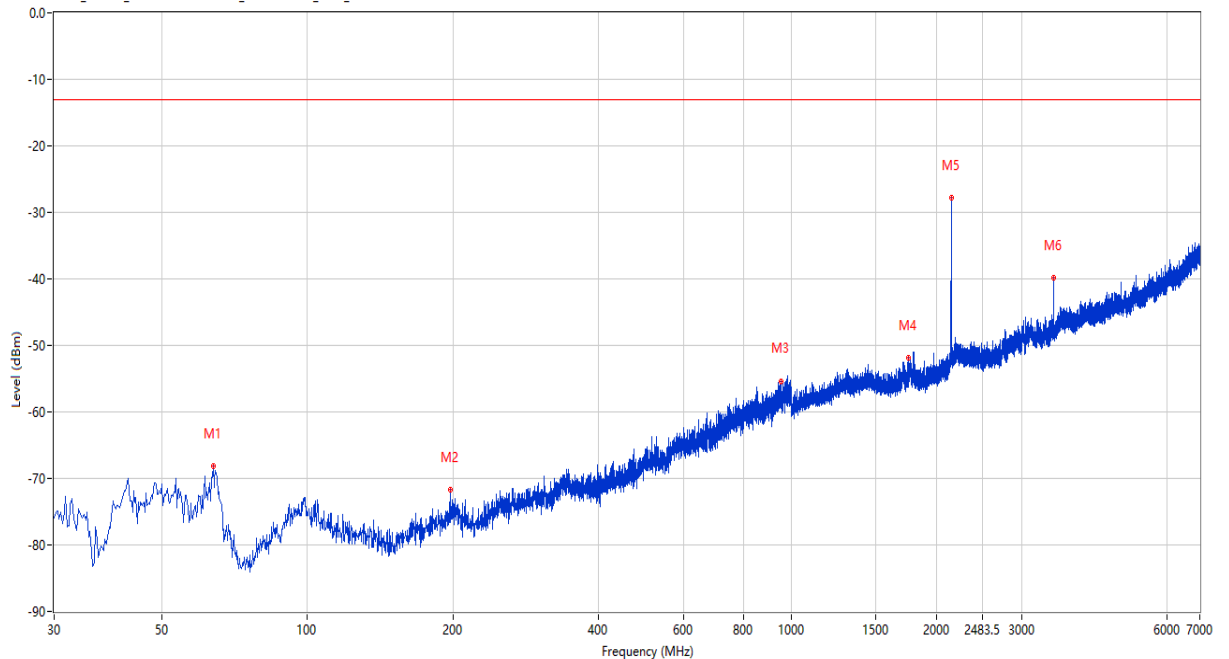
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
63.950	-68.17	-16.65	-13.0	55.17	242.30	Vertical	Vertical	Pass
197.325	-71.76	-14.95	-13.0	58.76	121.00	Vertical	Vertical	Pass
953.198	-55.40	1.01	-13.0	42.40	91.30	Vertical	Vertical	Pass
1747.500	-51.81	2.16	-13.0	38.81	312.40	Vertical	Vertical	Pass
2145.250	-27.88	3.06	-13.0	14.88	312.40	Vertical	Vertical	Pass
3488.000	-39.88	9.81	-13.0	26.88	168.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.26.33

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

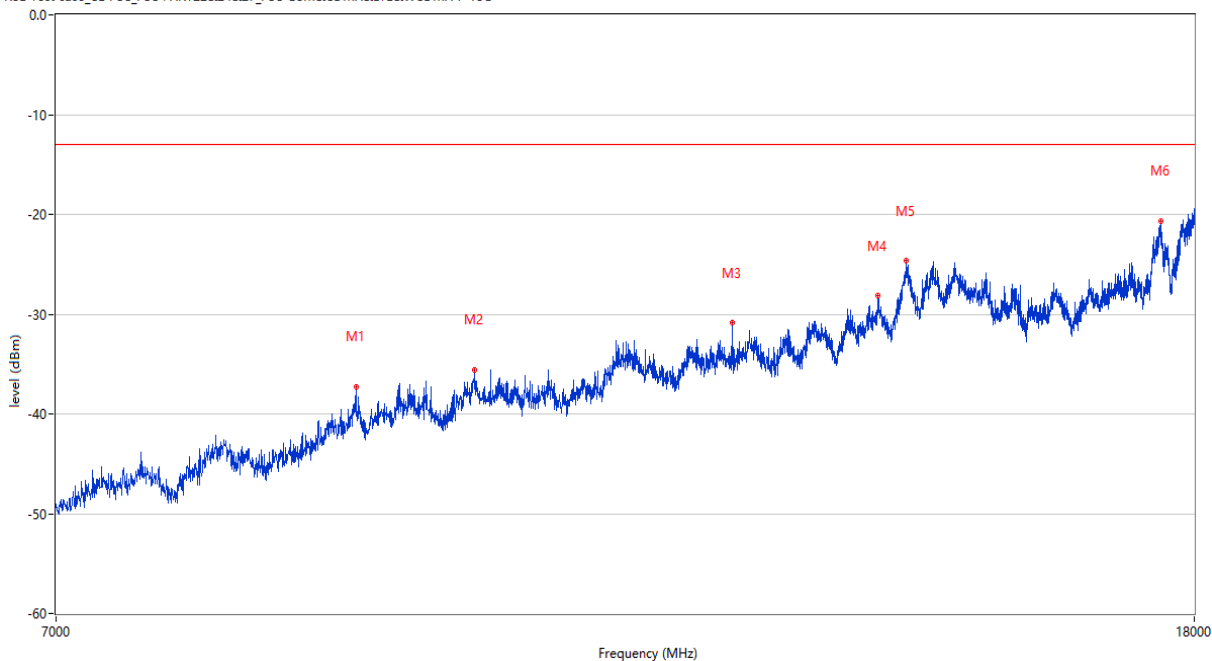
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8977.250	-37.34	28.71	-13.0	24.34	358.80	Vertical	Vertical	Pass
9906.750	-35.54	29.94	-13.0	22.54	31.10	Vertical	Vertical	Pass
12271.750	-30.90	31.96	-13.0	17.90	158.40	Vertical	Vertical	Pass
13847.500	-28.17	35.74	-13.0	15.17	130.10	Vertical	Vertical	Pass
14177.500	-24.62	40.12	-13.0	11.62	2.40	Vertical	Vertical	Pass
17502.251	-20.62	43.18	-13.0	7.62	0.00	Vertical	Vertical	Pass

10.5 LTE-B66-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_20.02.02

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

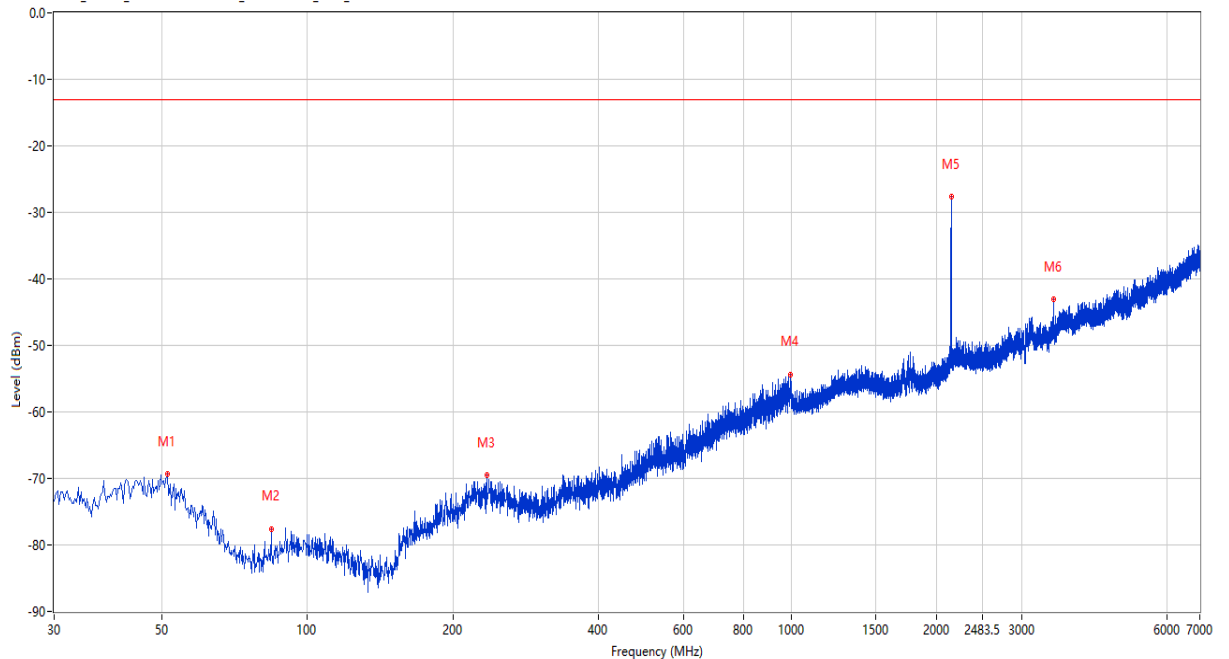
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27 FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
51.340	-69.37	-10.65	-13.0	56.37	29.80	Horizontal	Vertical	Pass
84.320	-77.58	-20.91	-13.0	64.58	320.80	Horizontal	Vertical	Pass
234.913	-69.55	-11.85	-13.0	56.55	92.30	Horizontal	Vertical	Pass
997.575	-54.39	2.02	-13.0	41.39	211.40	Horizontal	Vertical	Pass
2143.500	-27.68	3.46	-13.0	14.68	174.80	Horizontal	Vertical	Pass
3489.500	-43.02	9.85	-13.0	30.02	107.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.19.27

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

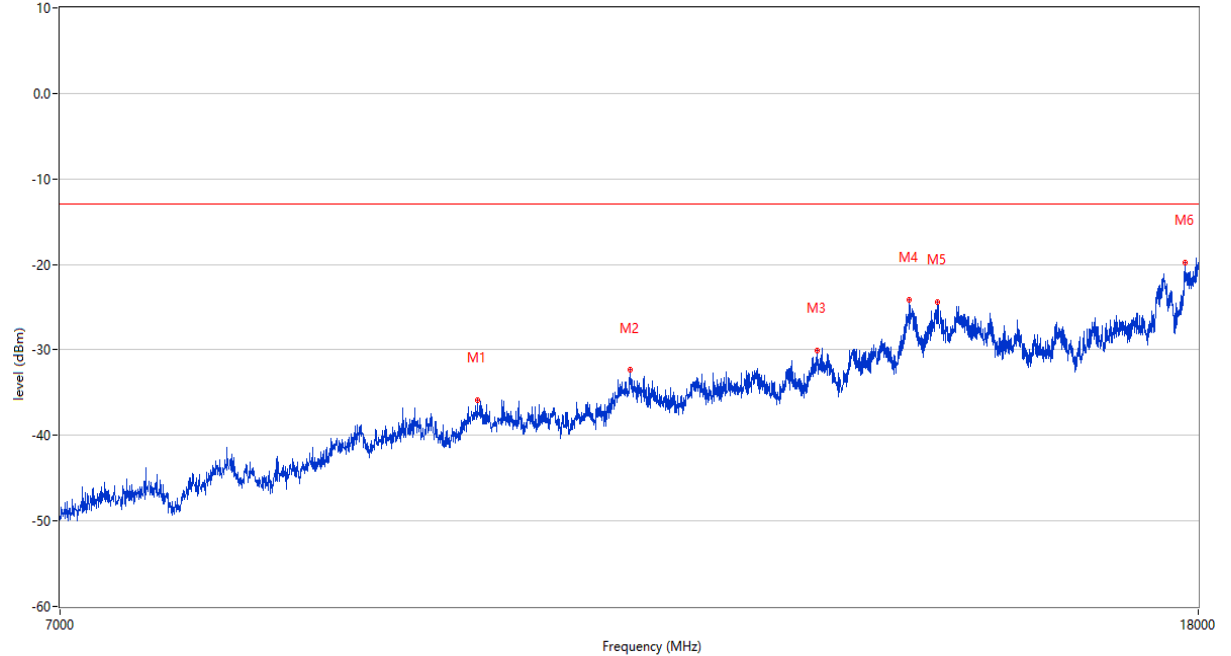
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9898.500	-35.83	29.88	-13.0	22.83	31.20	Horizontal	Vertical	Pass
11232.250	-32.38	31.35	-13.0	19.38	343.20	Horizontal	Vertical	Pass
13124.250	-30.07	34.41	-13.0	17.07	145.10	Horizontal	Vertical	Pass
14163.750	-24.10	39.83	-13.0	11.10	302.60	Horizontal	Vertical	Pass
14493.750	-24.47	38.70	-13.0	11.47	343.20	Horizontal	Vertical	Pass
17804.751	-19.75	42.14	-13.0	6.75	101.90	Horizontal	Vertical	Pass

10.6 LTE-B66-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.15.05

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

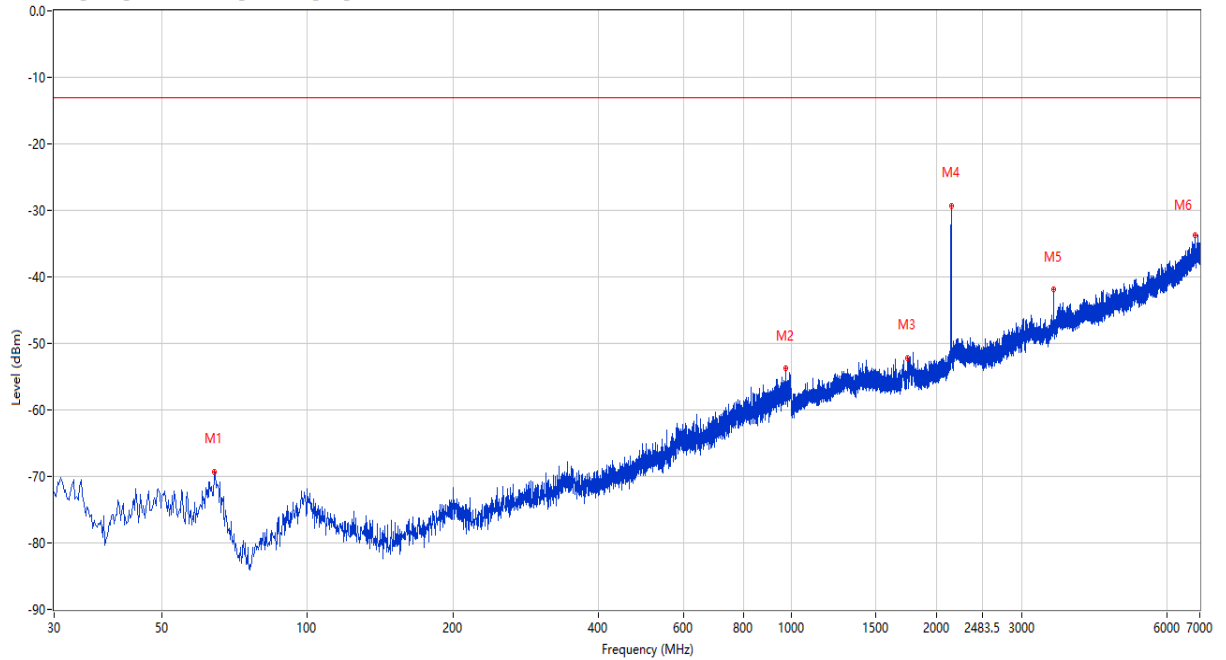
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
64.435	-69.31	-16.98	-13.0	56.31	191.70	Vertical	Vertical	Pass
975.508	-53.68	1.52	-13.0	40.68	51.00	Vertical	Vertical	Pass
1745.250	-52.28	2.13	-13.0	39.28	360.00	Vertical	Vertical	Pass
2146.750	-29.39	3.10	-13.0	16.39	359.50	Vertical	Vertical	Pass
3490.000	-41.81	9.83	-13.0	28.81	360.00	Vertical	Vertical	Pass
6844.500	-33.67	19.28	-13.0	20.67	185.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.28.39

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

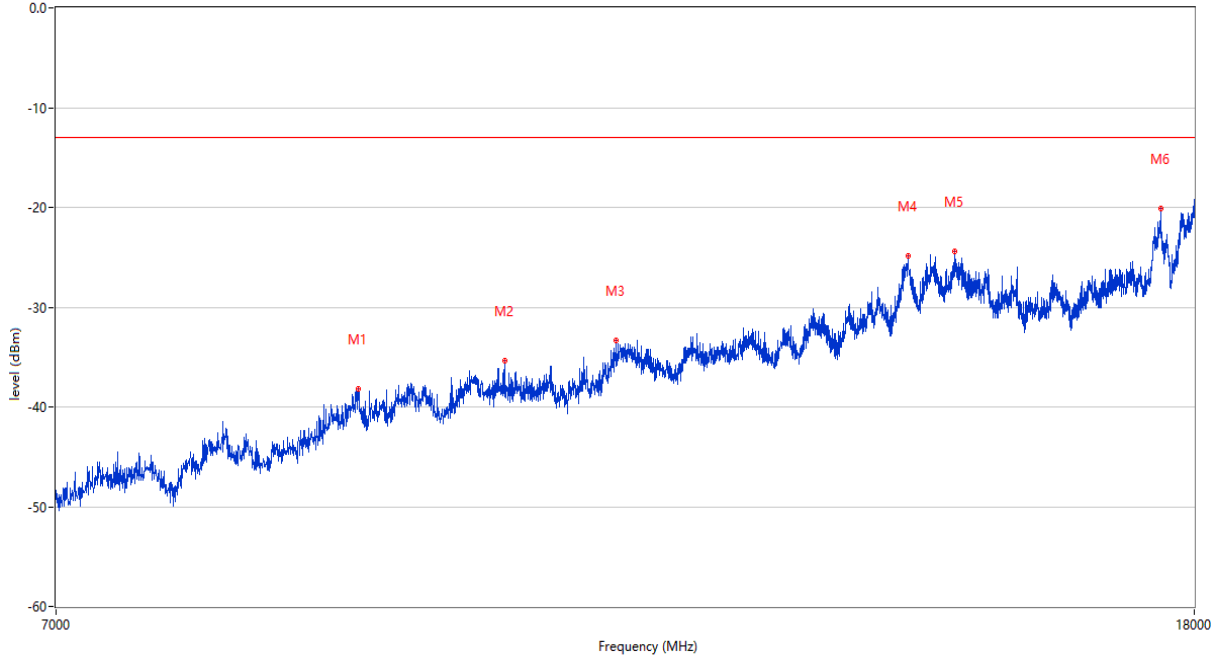
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8996.500	-38.25	28.58	-13.0	25.25	174.60	Vertical	Vertical	Pass
10157.000	-35.35	28.63	-13.0	22.35	34.30	Vertical	Vertical	Pass
11144.250	-33.32	30.71	-13.0	20.32	259.10	Vertical	Vertical	Pass
14199.500	-24.91	39.96	-13.0	11.91	195.50	Vertical	Vertical	Pass
14755.000	-24.40	39.84	-13.0	11.40	34.30	Vertical	Vertical	Pass
17502.251	-20.14	43.18	-13.0	7.14	299.30	Vertical	Vertical	Pass

10.7 LTE-B66-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_20.05.14

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

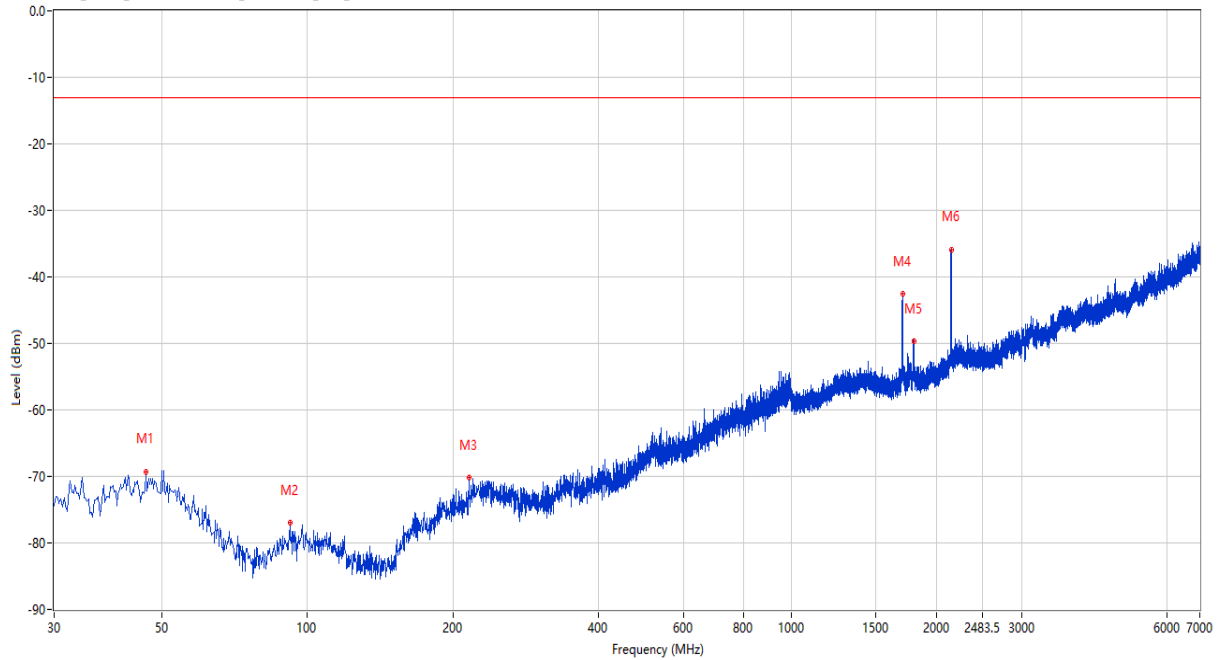
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART228&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
46.490	-69.28	-10.82	-13.0	56.28	226.30	Horizontal	Vertical	Pass
92.080	-76.98	-19.30	-13.0	63.98	156.30	Horizontal	Vertical	Pass
216.240	-70.19	-12.72	-13.0	57.19	270.90	Horizontal	Vertical	Pass
1702.000	-42.60	1.84	-13.0	29.60	316.50	Horizontal	Vertical	Pass
1798.750	-49.72	0.48	-13.0	36.72	316.50	Horizontal	Vertical	Pass
2147.000	-35.89	3.55	-13.0	22.89	307.60	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.21.35

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

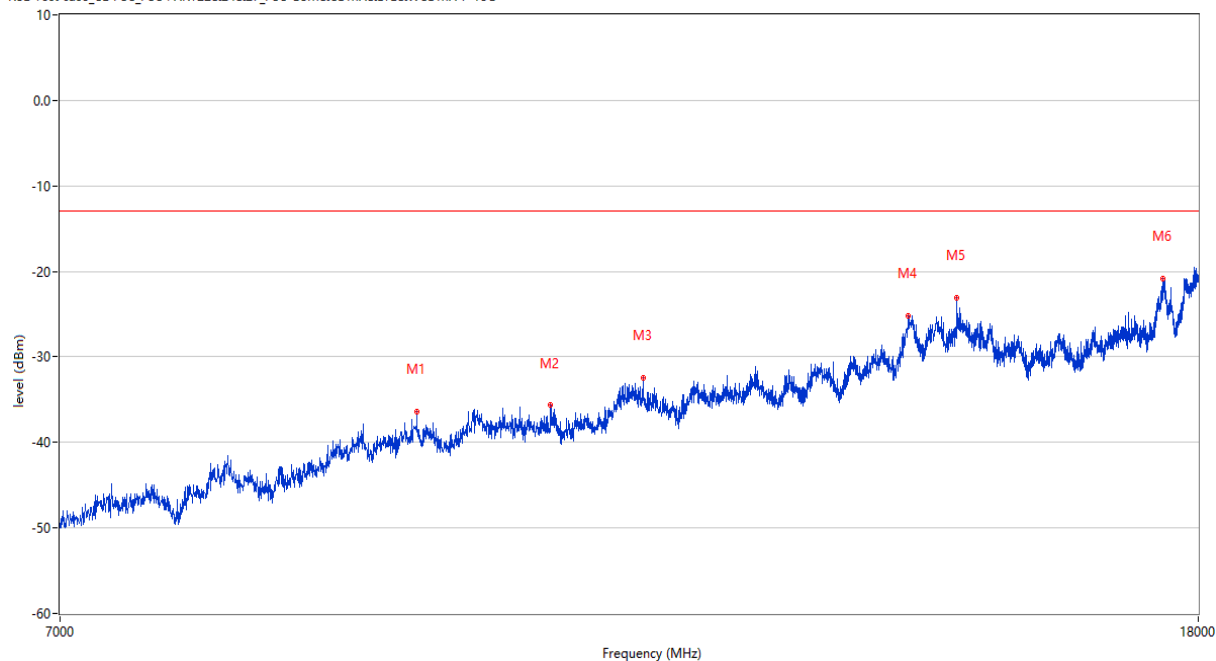
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9411.750	-36.37	28.26	-13.0	23.37	254.90	Horizontal	Vertical	Pass
10517.250	-35.67	28.57	-13.0	22.67	132.00	Horizontal	Vertical	Pass
11353.250	-32.41	31.84	-13.0	19.41	192.00	Horizontal	Vertical	Pass
14150.000	-25.14	39.55	-13.0	12.14	348.20	Horizontal	Vertical	Pass
14735.750	-23.08	39.45	-13.0	10.08	18.20	Horizontal	Vertical	Pass
17483.000	-20.86	42.97	-13.0	7.86	18.20	Horizontal	Vertical	Pass

10.8 LTE-B66-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.21.44

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

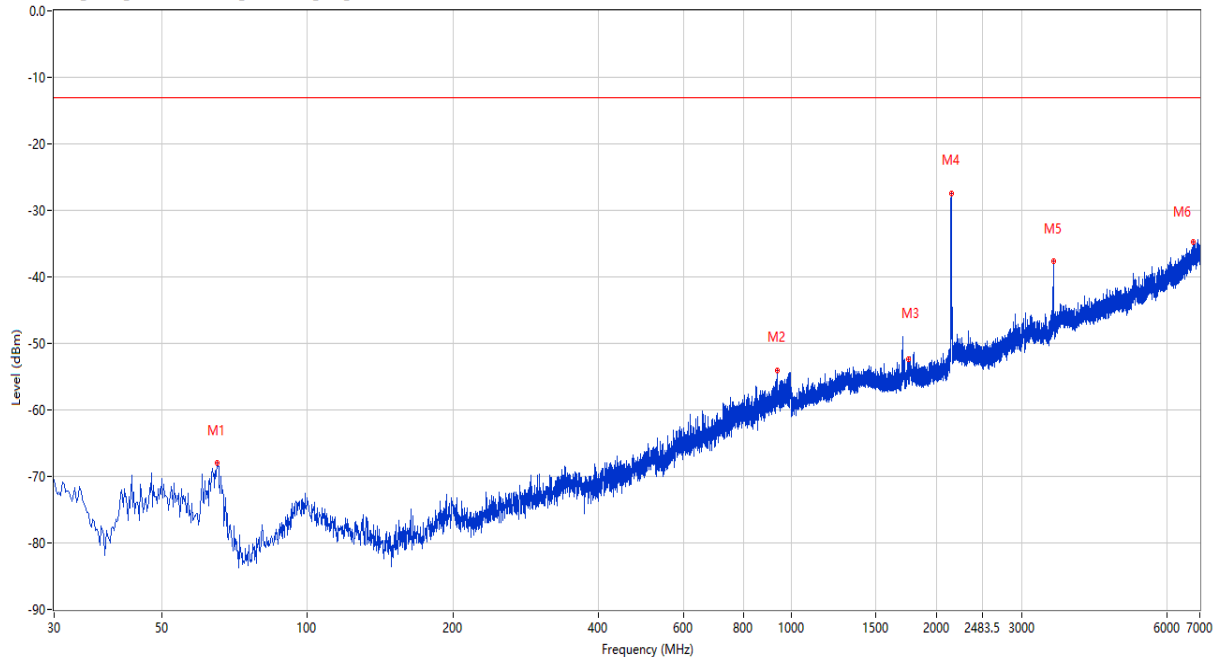
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
65.162	-67.99	-17.50	-13.0	54.99	255.40	Vertical	Vertical	Pass
935.737	-54.05	0.66	-13.0	41.05	359.20	Vertical	Vertical	Pass
1746.750	-52.31	2.15	-13.0	39.31	211.30	Vertical	Vertical	Pass
2144.000	-27.45	3.02	-13.0	14.45	315.80	Vertical	Vertical	Pass
3485.500	-37.69	9.78	-13.0	24.69	88.40	Vertical	Vertical	Pass
6797.500	-34.77	19.01	-13.0	21.77	0.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.31.49

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

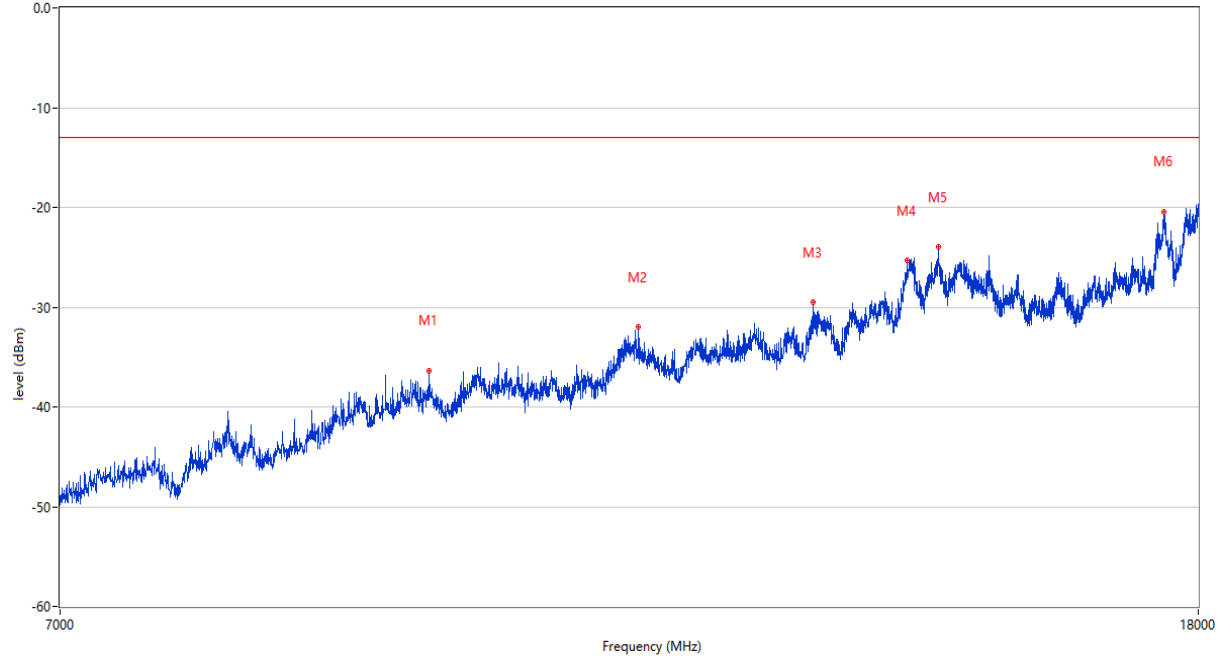
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9510.750	-36.33	28.49	-13.0	23.33	309.50	Vertical	Vertical	Pass
11314.750	-31.98	31.77	-13.0	18.98	21.00	Vertical	Vertical	Pass
13074.750	-29.54	34.23	-13.0	16.54	309.50	Vertical	Vertical	Pass
14139.000	-25.30	39.12	-13.0	12.30	279.70	Vertical	Vertical	Pass
14507.500	-24.00	38.54	-13.0	11.00	360.00	Vertical	Vertical	Pass
17488.501	-20.45	43.14	-13.0	7.45	352.60	Vertical	Vertical	Pass

10.9 LTE-B66-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_20.08.10

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

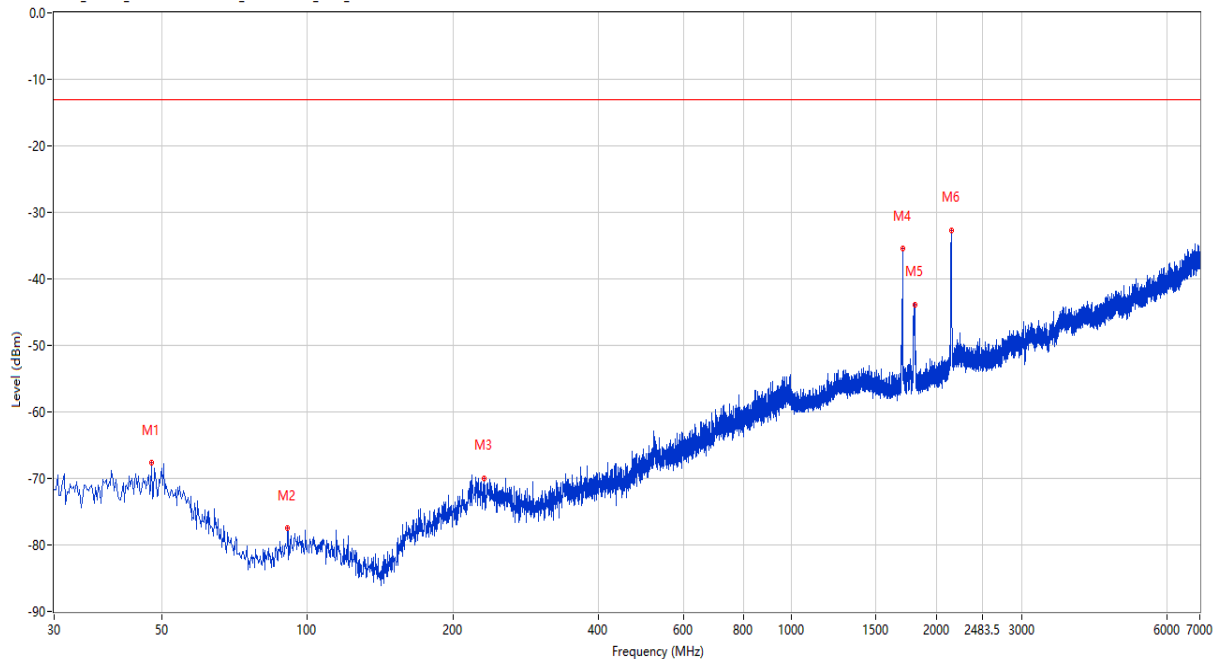
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
47.703	-67.64	-10.50	-13.0	54.64	250.50	Horizontal	Vertical	Pass
91.110	-77.46	-19.46	-13.0	64.46	266.50	Horizontal	Vertical	Pass
231.760	-69.95	-11.82	-13.0	56.95	117.60	Horizontal	Vertical	Pass
1702.500	-35.45	1.84	-13.0	22.45	360.00	Horizontal	Vertical	Pass
1801.250	-43.95	0.13	-13.0	30.95	360.00	Horizontal	Vertical	Pass
2144.000	-32.66	3.47	-13.0	19.66	195.20	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.23.03

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

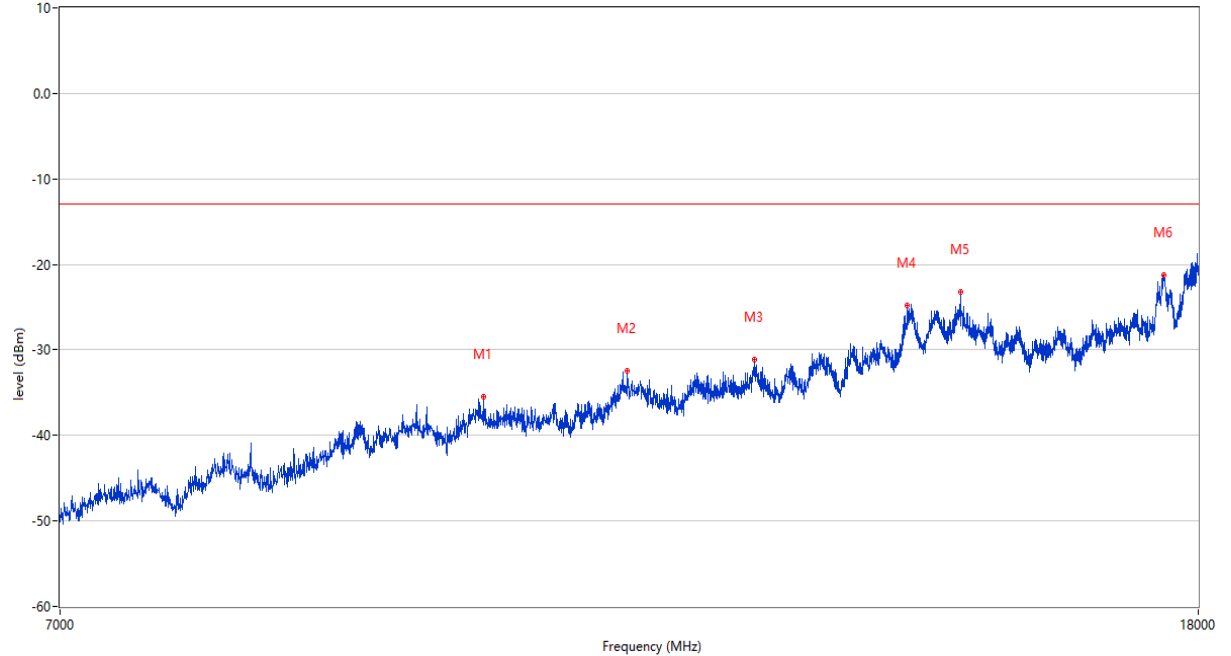
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9948.000	-35.45	29.42	-13.0	22.45	324.20	Horizontal	Vertical	Pass
11204.750	-32.42	30.93	-13.0	19.42	358.70	Horizontal	Vertical	Pass
12458.750	-31.15	32.79	-13.0	18.15	304.40	Horizontal	Vertical	Pass
14141.750	-24.74	39.23	-13.0	11.74	42.80	Horizontal	Vertical	Pass
14782.500	-23.27	39.44	-13.0	10.27	304.40	Horizontal	Vertical	Pass
17499.501	-21.23	43.31	-13.0	8.23	304.40	Horizontal	Vertical	Pass

10.10 LTE-B66-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.38.06

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

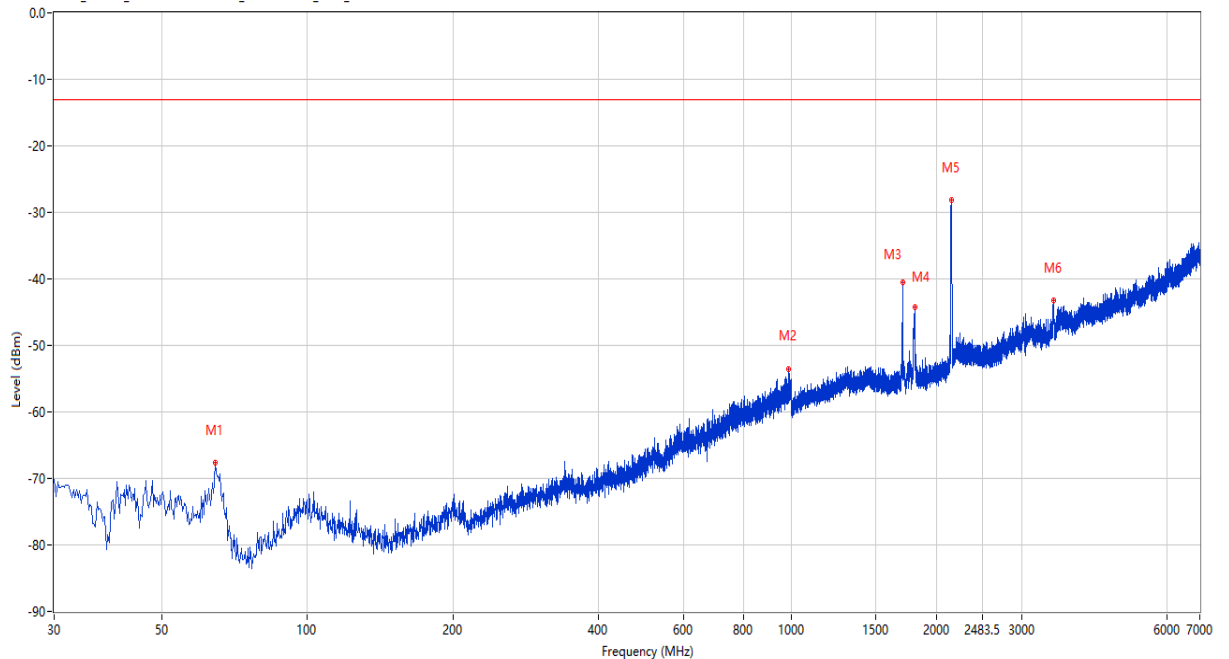
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
64.677	-67.66	-17.15	-13.0	54.66	182.40	Vertical	Vertical	Pass
990.542	-53.53	1.85	-13.0	40.53	102.40	Vertical	Vertical	Pass
1701.250	-40.45	1.41	-13.0	27.45	249.60	Vertical	Vertical	Pass
1802.500	-44.26	0.21	-13.0	31.26	242.50	Vertical	Vertical	Pass
2143.500	-28.18	3.01	-13.0	15.18	280.90	Vertical	Vertical	Pass
3490.000	-43.26	9.83	-13.0	30.26	80.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.33.30

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

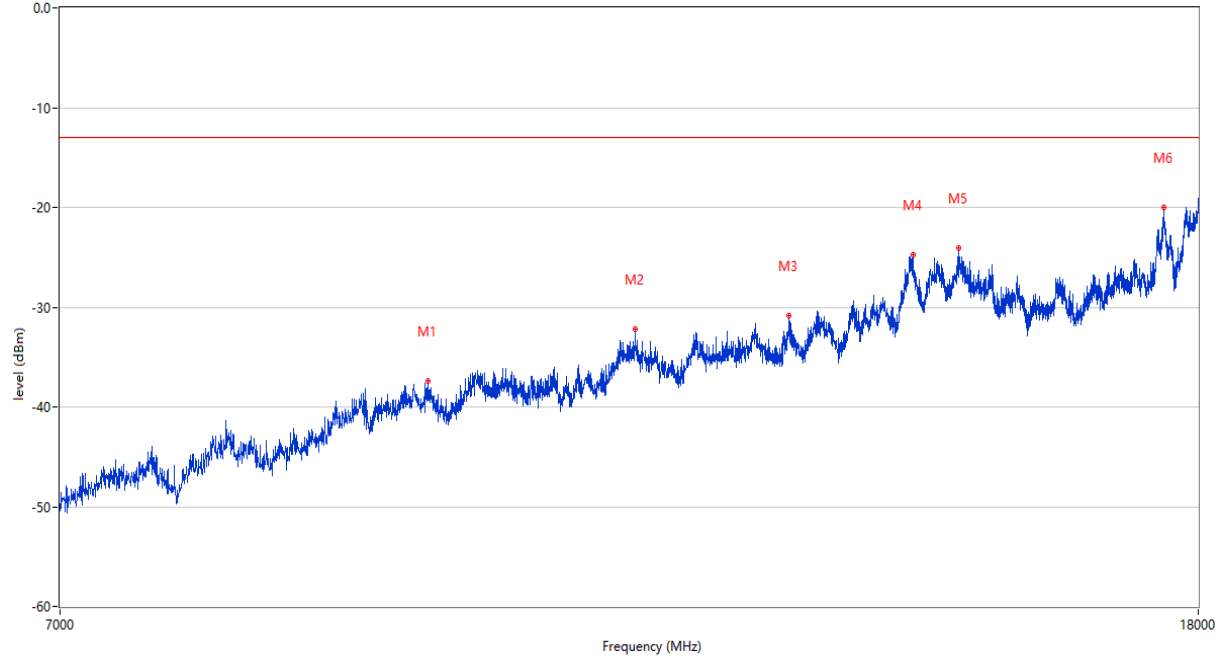
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9502.500	-37.42	28.54	-13.0	24.42	323.00	Vertical	Vertical	Pass
11281.750	-32.15	31.87	-13.0	19.15	92.30	Vertical	Vertical	Pass
12816.250	-30.90	32.69	-13.0	17.90	360.00	Vertical	Vertical	Pass
14207.750	-24.72	39.71	-13.0	11.72	0.00	Vertical	Vertical	Pass
14749.500	-24.09	39.81	-13.0	11.09	0.00	Vertical	Vertical	Pass
17499.501	-19.98	43.31	-13.0	6.98	176.40	Vertical	Vertical	Pass

10.11 LTE-B66-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-09-13_20.11.24

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

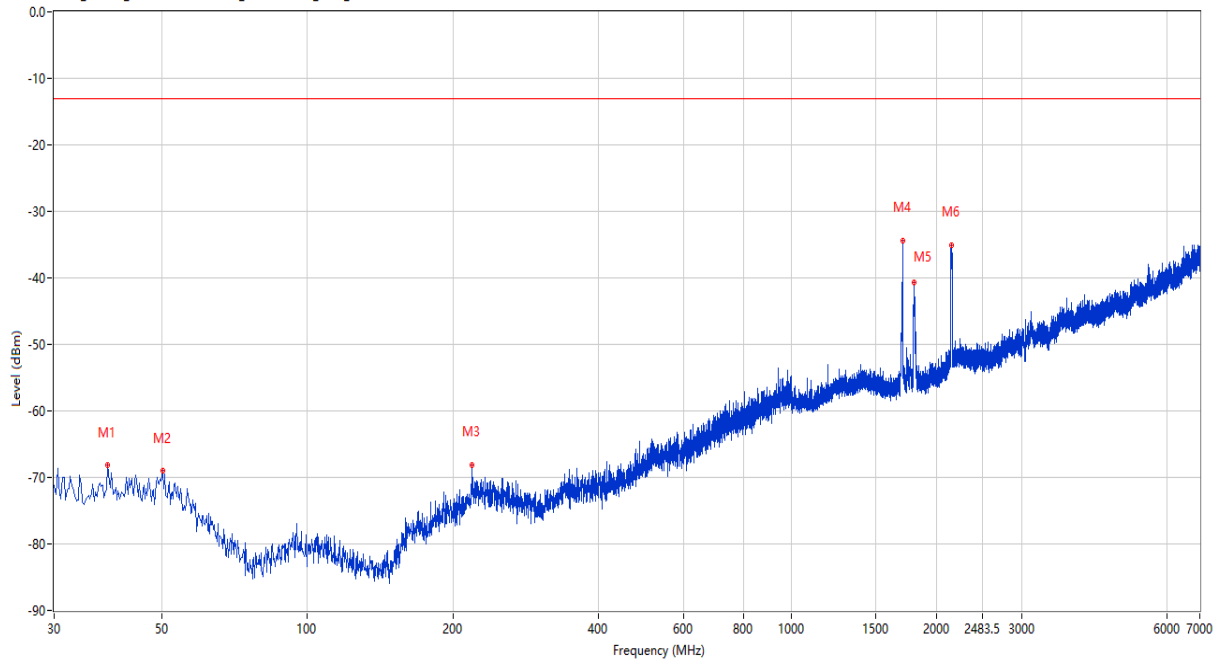
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
38.730	-68.15	-12.51	-13.0	55.15	343.90	Horizontal	Vertical	Pass
50.370	-69.06	-10.43	-13.0	56.06	111.00	Horizontal	Vertical	Pass
218.665	-68.10	-12.19	-13.0	55.10	273.90	Horizontal	Vertical	Pass
1702.250	-34.41	1.84	-13.0	21.41	360.00	Horizontal	Vertical	Pass
1793.750	-40.76	1.34	-13.0	27.76	39.20	Horizontal	Vertical	Pass
2148.250	-35.00	3.58	-13.0	22.00	145.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.24.55

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

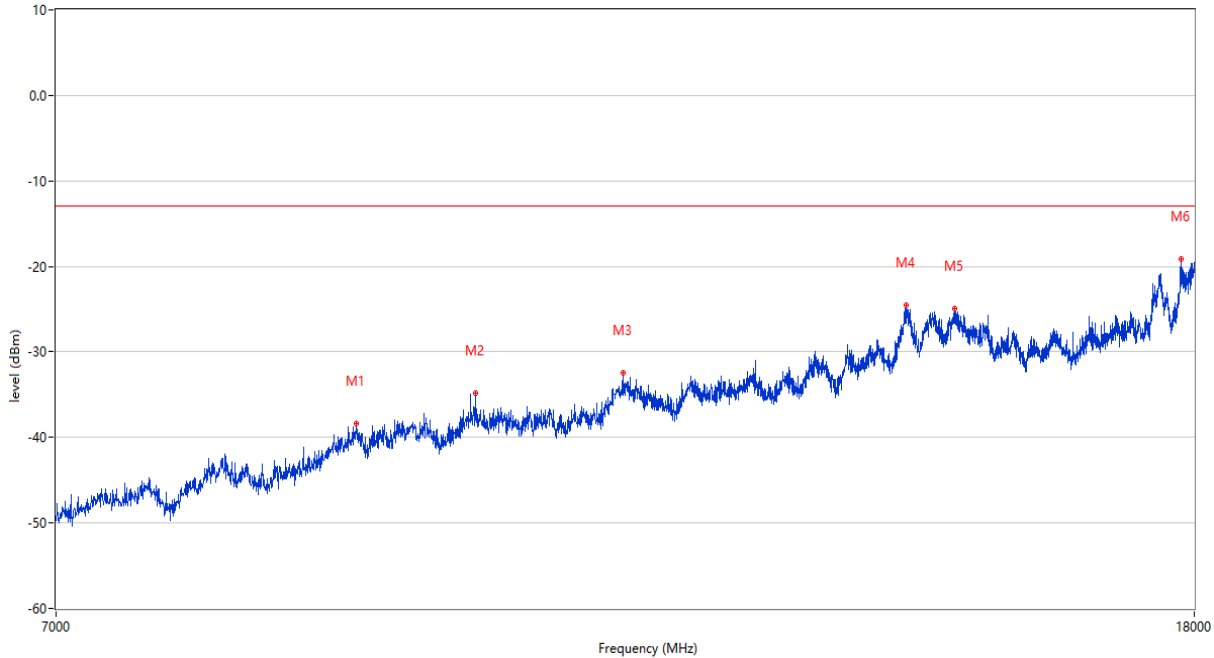
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8977.250	-38.44	28.71	-13.0	25.44	158.60	Horizontal	Vertical	Pass
9917.750	-34.82	29.95	-13.0	21.82	1.40	Horizontal	Vertical	Pass
11207.500	-32.44	30.97	-13.0	19.44	0.00	Horizontal	Vertical	Pass
14177.500	-24.54	40.12	-13.0	11.54	16.80	Horizontal	Vertical	Pass
14757.750	-24.97	39.84	-13.0	11.97	254.20	Horizontal	Vertical	Pass
17804.751	-19.17	42.14	-13.0	6.17	45.80	Horizontal	Vertical	Pass

10.12 LTE-B66-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-09-14_10.34.04

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

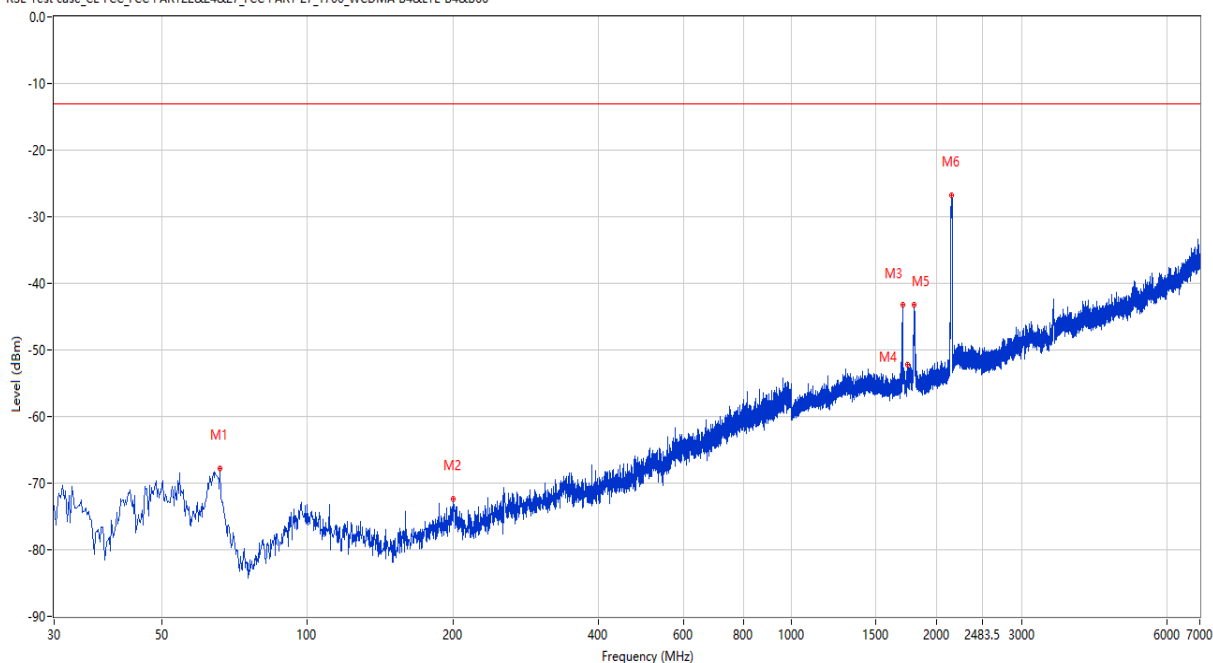
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE FCC_PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (Degree)	Antenna	EUT	Verdict
66.132	-67.84	-18.16	-13.0	54.84	228.20	Vertical	Vertical	Pass
200.235	-72.33	-14.55	-13.0	59.33	291.80	Vertical	Vertical	Pass
1702.500	-43.23	1.50	-13.0	30.23	209.40	Vertical	Vertical	Pass
1745.500	-52.15	2.13	-13.0	39.15	77.20	Vertical	Vertical	Pass
1801.000	-43.19	0.37	-13.0	30.19	275.60	Vertical	Vertical	Pass
2149.000	-26.73	3.16	-13.0	13.73	306.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-14_17.35.07

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

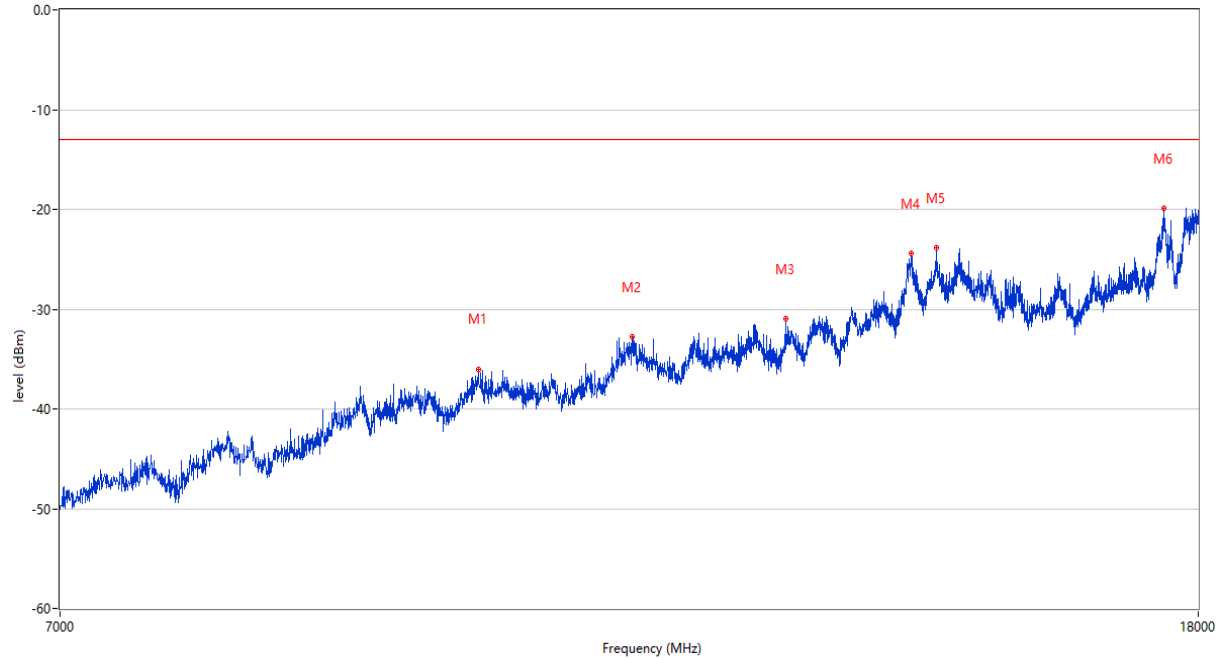
Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01

RSE Test case_CE_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9906.750	-36.05	29.94	-13.0	23.05	157.40	Vertical	Vertical	Pass
11248.750	-32.77	31.61	-13.0	19.77	74.50	Vertical	Vertical	Pass
12783.250	-30.96	32.26	-13.0	17.96	125.80	Vertical	Vertical	Pass
14188.500	-24.36	40.33	-13.0	11.36	0.00	Vertical	Vertical	Pass
14491.000	-23.87	38.70	-13.0	10.87	269.10	Vertical	Vertical	Pass
17499.501	-19.91	43.31	-13.0	6.91	0.40	Vertical	Vertical	Pass

11 LTE B71

11.1 LTE-B71-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_13.16.02

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

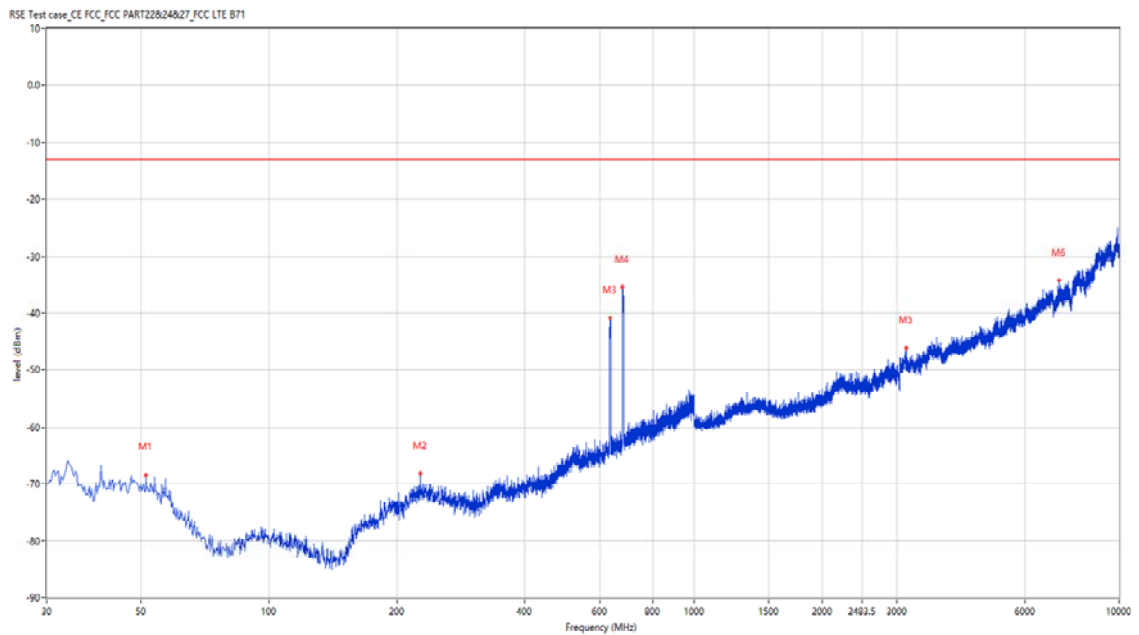
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.340	-68.46	-10.65	-13.0	55.46	117.80	Horizontal	Vertical	Pass
227.152	-68.25	-11.84	-13.0	55.25	327.50	Horizontal	Vertical	Pass
634.068	-40.94	-5.41	-13.0	27.94	253.10	Horizontal	Vertical	Pass
679.172	-35.50	-4.08	-13.0	22.50	8.10	Horizontal	Vertical	Pass
3154.000	-46.07	9.51	-13.0	33.07	140.50	Horizontal	Vertical	Pass
7228.000	-34.34	20.43	-13.0	21.34	291.20	Horizontal	Vertical	Pass

11.2 LTE-B71-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_11.29.48

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

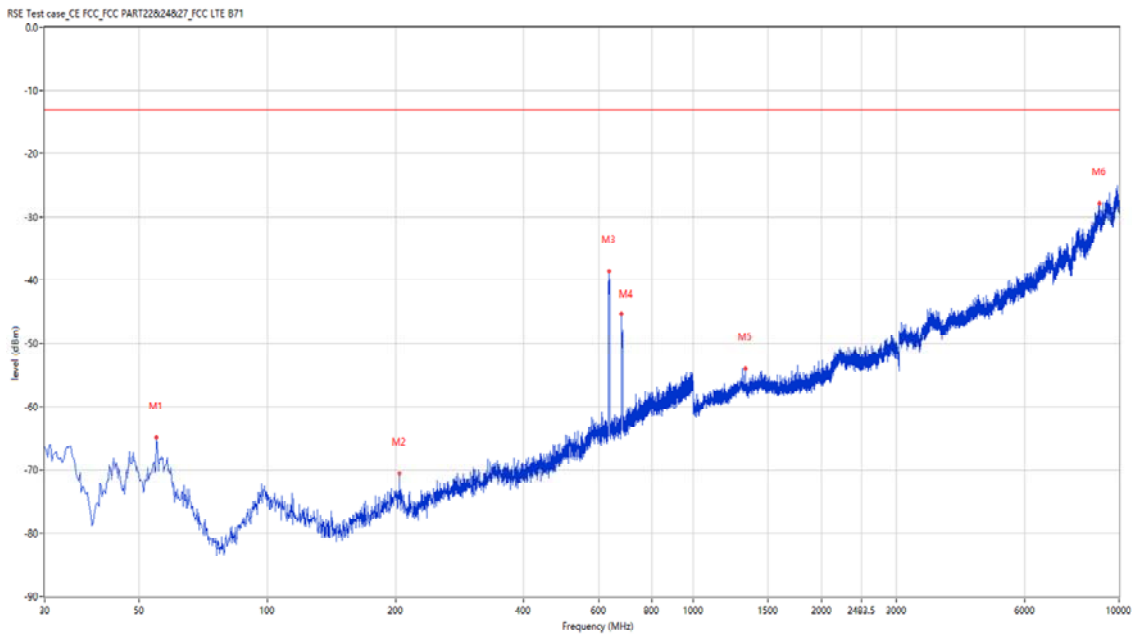
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
54.977	-64.81	-16.15	-13.0	51.81	57.80	Vertical	Vertical	Pass
204.600	-70.53	-15.32	-13.0	57.53	360.00	Vertical	Vertical	Pass
634.795	-38.54	-5.00	-13.0	25.54	116.30	Vertical	Vertical	Pass
678.930	-45.24	-4.35	-13.0	32.24	33.10	Vertical	Vertical	Pass
1325.000	-53.94	-0.89	-13.0	40.94	213.50	Vertical	Vertical	Pass
8986.000	-27.73	28.65	-13.0	14.73	83.90	Vertical	Vertical	Pass

11.3 LTE-B71-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_13.11.36

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

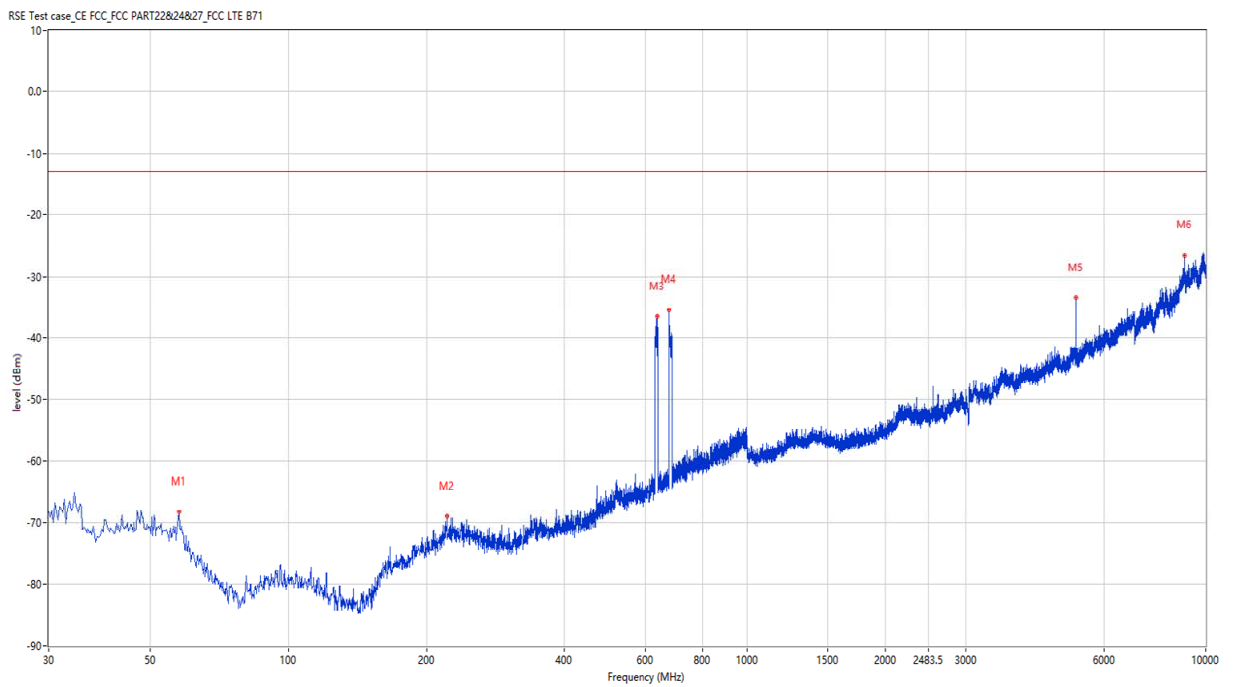
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
57.645	-68.20	-13.82	-13.0	55.20	57.60	Horizontal	Vertical	Pass
221.818	-69.00	-11.89	-13.0	56.00	353.50	Horizontal	Vertical	Pass
637.220	-36.55	-5.31	-13.0	23.55	149.00	Horizontal	Vertical	Pass
676.505	-35.42	-4.17	-13.0	22.42	49.50	Horizontal	Vertical	Pass
5218.000	-33.43	14.28	-13.0	20.43	282.30	Horizontal	Vertical	Pass
8996.500	-26.59	28.36	-13.0	13.59	15.70	Horizontal	Vertical	Pass

11.4 LTE-B71-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_11.35.44

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

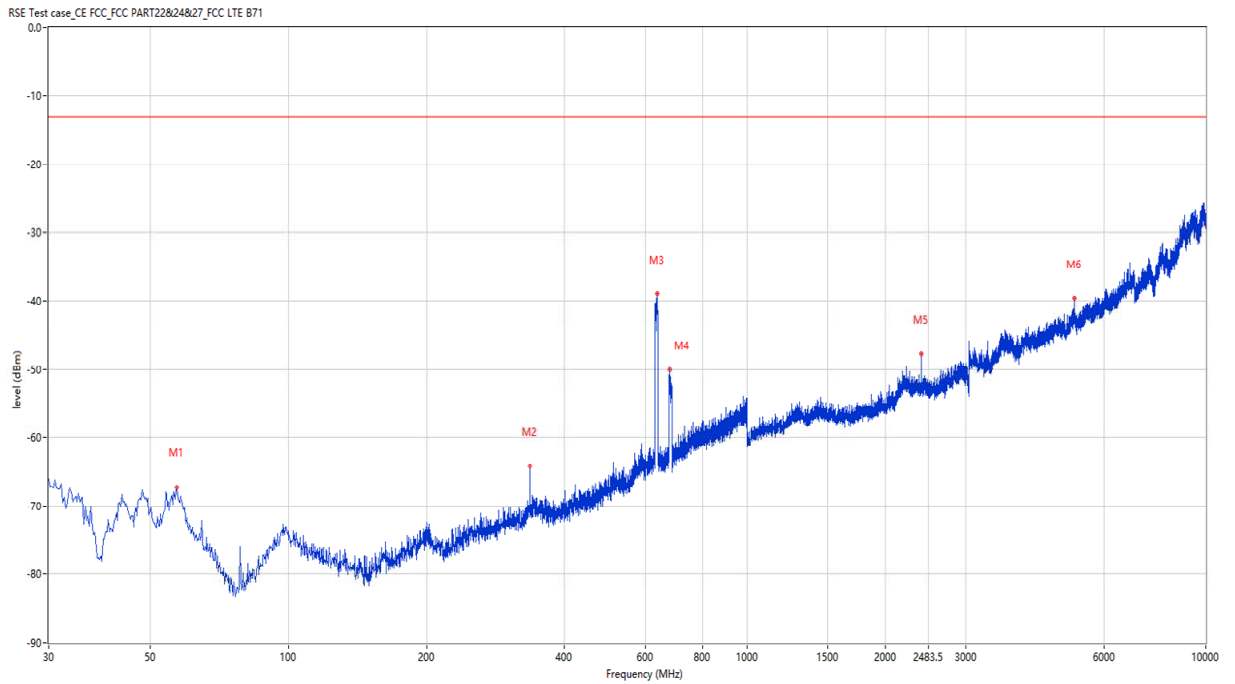
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
57.160	-67.26	-16.27	-13.0	54.26	279.40	Vertical	Vertical	Pass
336.035	-64.27	-10.46	-13.0	51.27	203.60	Vertical	Vertical	Pass
636.250	-38.99	-4.97	-13.0	25.99	126.40	Vertical	Vertical	Pass
676.990	-49.98	-4.39	-13.0	36.98	203.60	Vertical	Vertical	Pass
2402.000	-47.71	3.82	-13.0	34.71	309.70	Vertical	Vertical	Pass
5173.000	-39.56	14.70	-13.0	26.56	309.10	Vertical	Vertical	Pass

11.5 LTE-B71-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_13.07.31

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

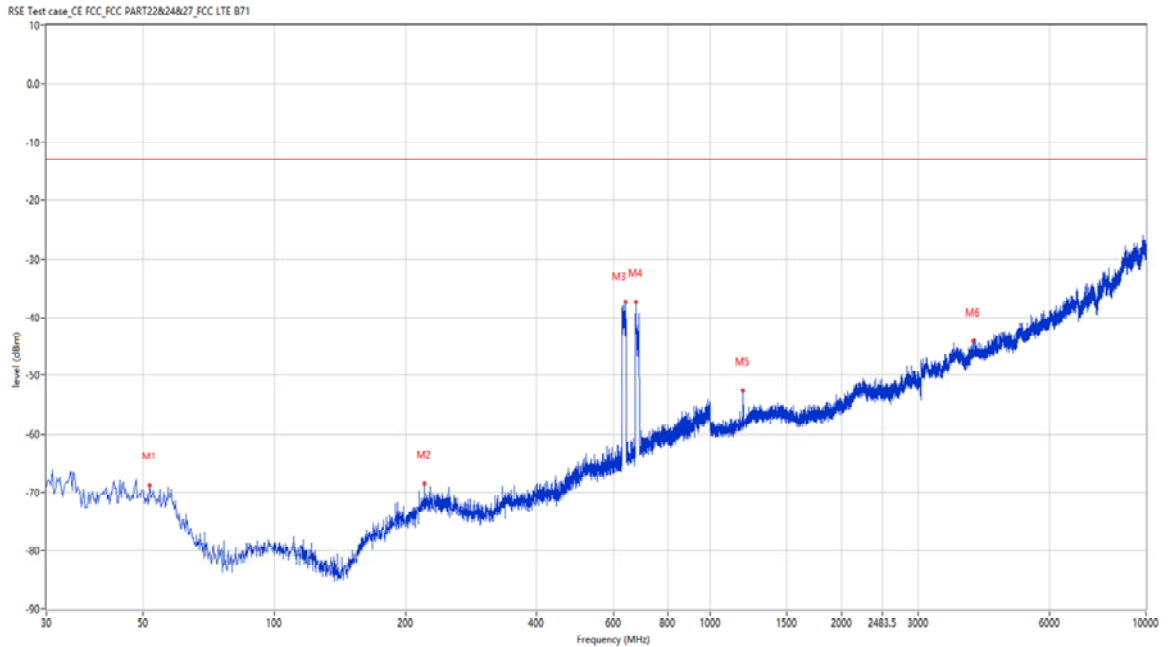
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
51.825	-68.86	-10.76	-13.0	55.86	57.00	Horizontal	Vertical	Pass
221.090	-68.58	-11.89	-13.0	55.58	346.70	Horizontal	Vertical	Pass
638.918	-37.38	-5.25	-13.0	24.38	123.70	Horizontal	Vertical	Pass
674.565	-37.43	-4.23	-13.0	24.43	31.30	Horizontal	Vertical	Pass
1190.000	-53.36	-1.72	-13.0	40.36	41.30	Horizontal	Vertical	Pass
4009.000	-44.16	12.57	-13.0	31.16	359.80	Horizontal	Vertical	Pass

11.6 LTE-B71-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_11.40.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

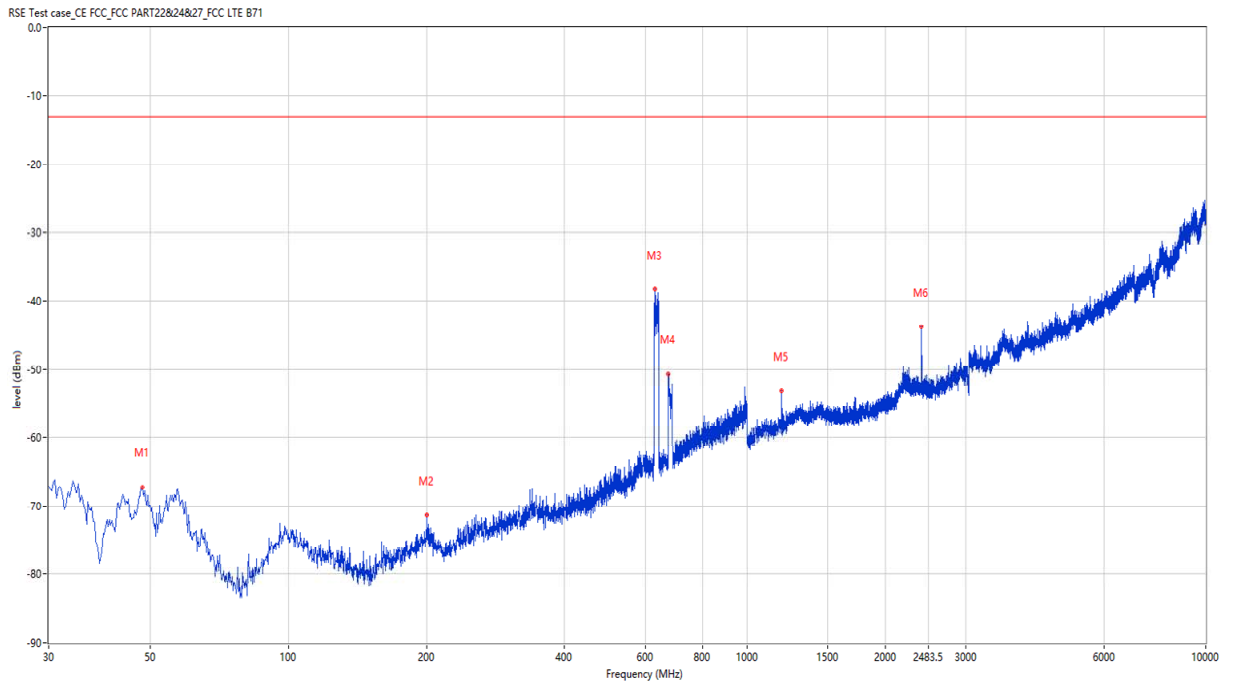
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
47.945	-67.18	-17.30	-13.0	54.18	328.70	Vertical	Vertical	Pass
200.477	-71.29	-14.60	-13.0	58.29	31.80	Vertical	Vertical	Pass
630.430	-38.28	-5.08	-13.0	25.28	101.70	Vertical	Vertical	Pass
673.838	-50.60	-4.45	-13.0	37.60	202.70	Vertical	Vertical	Pass
1190.500	-53.20	-2.06	-13.0	40.20	64.50	Vertical	Vertical	Pass
2402.500	-43.76	3.83	-13.0	30.76	23.10	Vertical	Vertical	Pass

11.7 LTE-B71-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_13.02.59

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

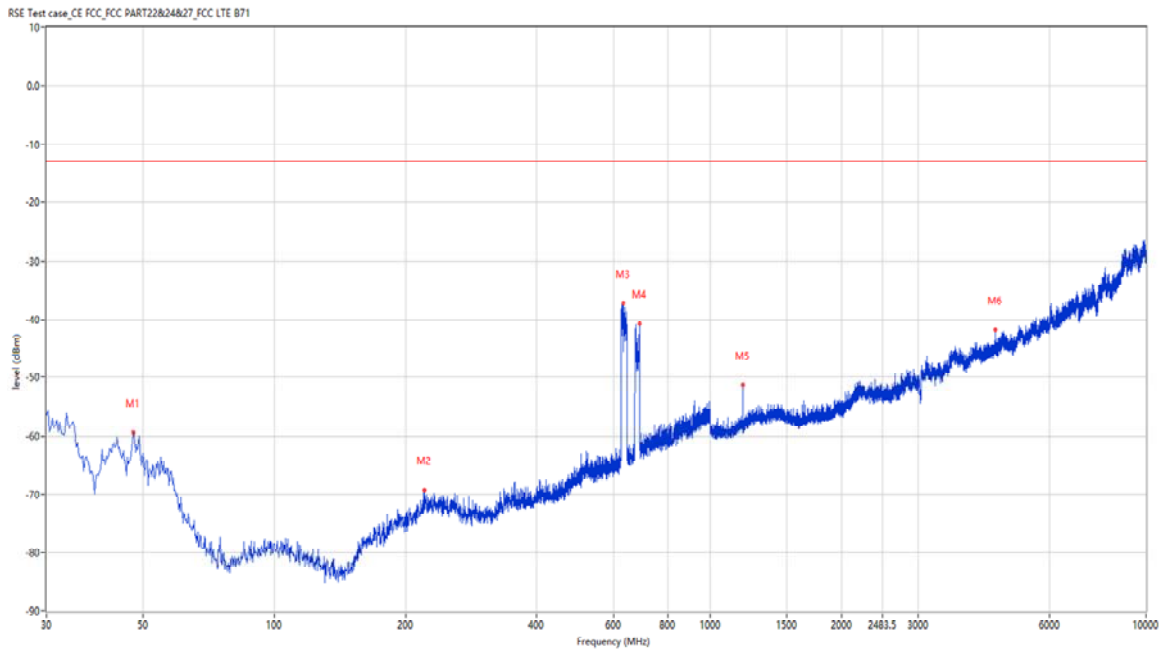
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
47.460	-59.37	-10.56	-13.0	46.37	336.10	Horizontal	Vertical	Pass
220.605	-69.24	-11.89	-13.0	56.24	358.70	Horizontal	Vertical	Pass
630.915	-37.29	-5.52	-13.0	24.29	143.00	Horizontal	Vertical	Pass
689.600	-40.80	-3.72	-13.0	27.80	14.80	Horizontal	Vertical	Pass
1190.000	-51.27	-1.72	-13.0	38.27	16.60	Horizontal	Vertical	Pass
4515.000	-41.83	13.46	-13.0	28.83	126.30	Horizontal	Vertical	Pass

11.8 LTE-B71-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-10-07_11.44.16

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

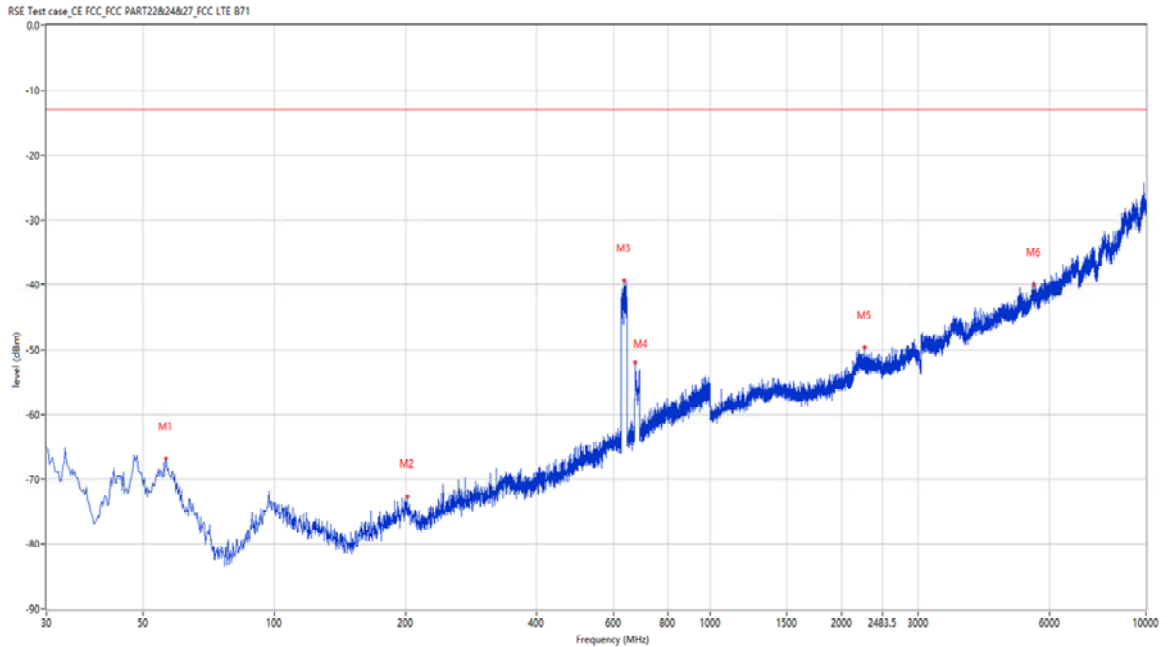
Work Addition: TX

Temp.(oC): 25.1

Load: Full load

Hum.: 52%

Remark: DR-RSE01-E23060106-02#01



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
56.432	-66.86	-16.22	-13.0	53.86	302.10	Vertical	Vertical	Pass
201.932	-72.68	-14.85	-13.0	59.68	13.30	Vertical	Vertical	Pass
635.522	-39.39	-4.98	-13.0	26.39	106.20	Vertical	Vertical	Pass
673.595	-52.01	-4.45	-13.0	39.01	338.30	Vertical	Vertical	Pass
2262.000	-49.65	4.06	-13.0	36.65	190.80	Vertical	Vertical	Pass
5526.000	-40.05	15.32	-13.0	27.05	302.10	Vertical	Vertical	Pass