

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: 2023-01-30_11.04.10

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

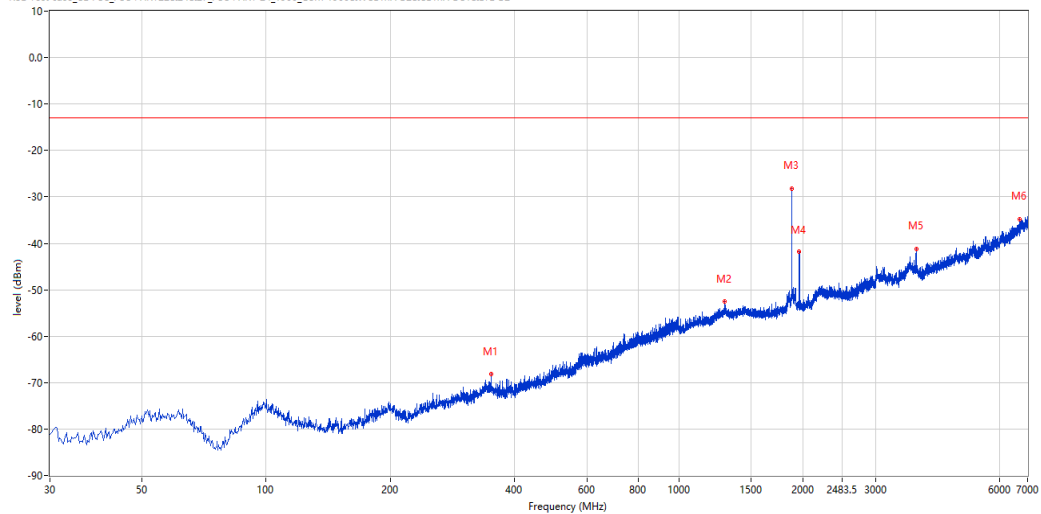
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
350.747	-68.07	-10.44	-13.0	55.07	191.80	Horizontal	Vertical	Pass
1294.926	-52.49	-0.26	-13.0	39.49	339.00	Horizontal	Vertical	Pass
1879.280	-28.18	3.71	-13.0	15.18	127.20	Horizontal	Vertical	Pass
1959.760	-41.76	0.89	-13.0	28.76	231.80	Horizontal	Vertical	Pass
3758.810	-41.29	11.54	-13.0	28.29	331.40	Horizontal	Vertical	Pass
6692.077	-34.76	18.32	-13.0	21.76	337.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_14.09.46

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

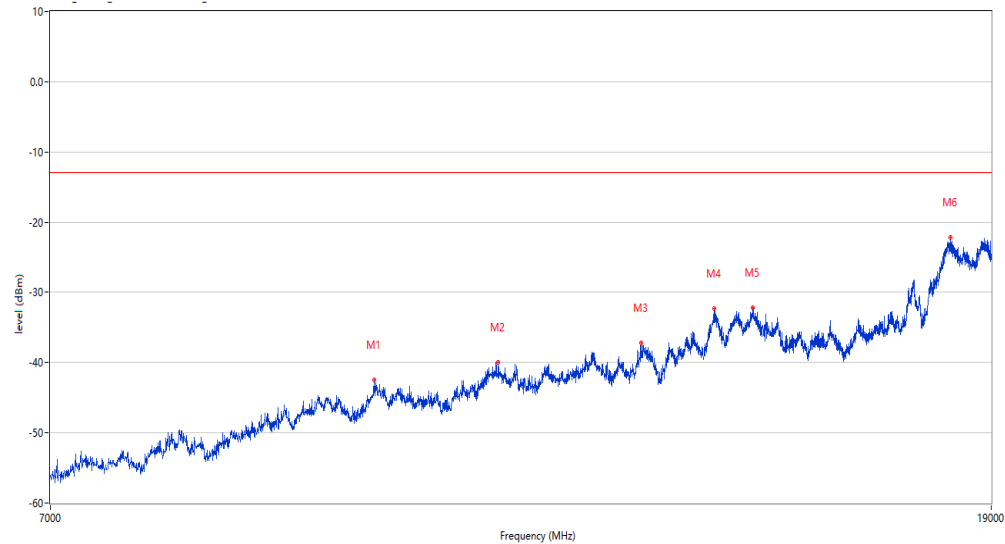
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

RSE Test case_CCC_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
9870.282	-42.52	29.27	-13.0	29.52	173.90	Horizontal	Vertical	Pass
11261.935	-39.96	31.72	-13.0	26.96	71.20	Horizontal	Vertical	Pass
13103.474	-37.19	34.46	-13.0	24.19	267.00	Horizontal	Vertical	Pass
14156.211	-32.36	39.68	-13.0	19.36	176.50	Horizontal	Vertical	Pass
14753.062	-32.17	39.83	-13.0	19.17	290.10	Horizontal	Vertical	Pass
18196.201	-22.20	47.04	-13.0	9.20	91.30	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_09.53.58

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

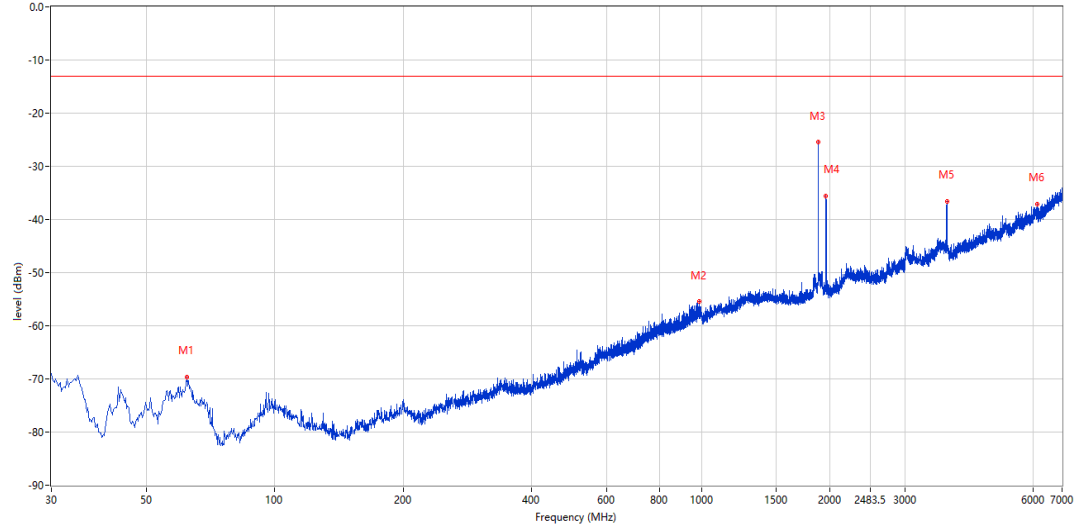
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.244	-69.65	-16.25	-13.0	56.65	298.30	Vertical	Vertical	Pass
988.120	-55.48	2.02	-13.0	42.48	101.80	Vertical	Vertical	Pass
1879.280	-25.34	3.71	-13.0	12.34	176.70	Vertical	Vertical	Pass
1959.760	-35.52	0.89	-13.0	22.52	357.10	Vertical	Vertical	Pass
3758.810	-38.94	11.54	-13.0	25.94	357.80	Vertical	Vertical	Pass
6117.221	-37.18	16.51	-13.0	24.18	35.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_16.46.00

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01
#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8031.742	-49.05	24.20	-13.0	36.05	67.80	Vertical	Vertical	Pass
9981.255	-42.41	29.17	-13.0	29.41	360.30	Vertical	Vertical	Pass
12440.640	-38.16	32.63	-13.0	25.16	13.50	Vertical	Vertical	Pass
14501.125	-32.57	38.66	-13.0	19.57	319.90	Vertical	Vertical	Pass
17482.379	-28.64	42.93	-13.0	15.64	360.00	Vertical	Vertical	Pass
18151.212	-22.33	46.99	-13.0	9.33	182.80	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.00.21

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

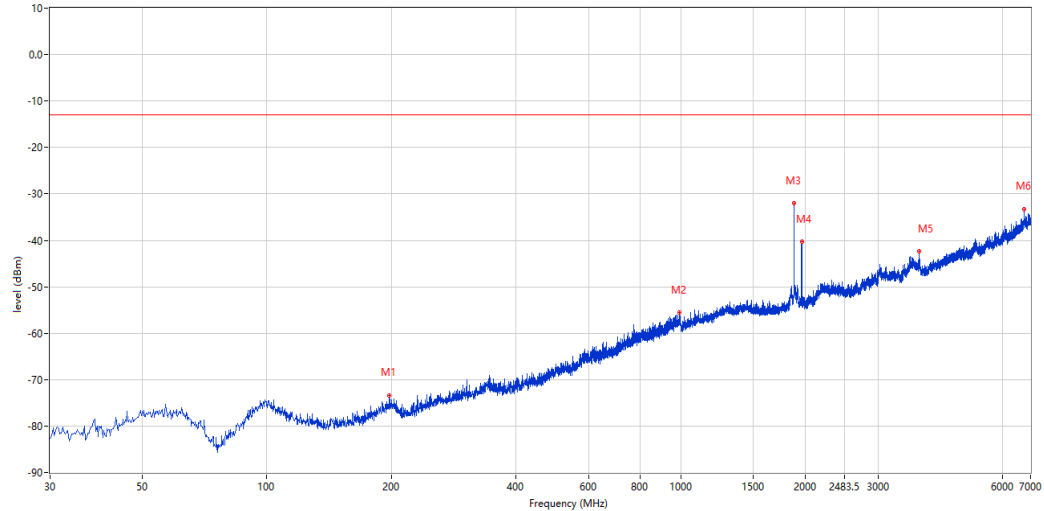
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Addition: TX

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
197.768	-73.47	-14.82	-13.0	60.47	136.90	Horizontal	Vertical	Pass
994.424	-55.50	2.16	-13.0	42.50	45.70	Horizontal	Vertical	Pass
1879.280	-31.90	3.71	-13.0	18.90	127.50	Horizontal	Vertical	Pass
1960.260	-40.31	0.88	-13.0	27.31	116.30	Horizontal	Vertical	Pass
3760.810	-42.28	11.56	-13.0	29.28	279.70	Horizontal	Vertical	Pass
6750.062	-33.28	19.25	-13.0	20.28	132.40	Horizontal	Vertical	Pass

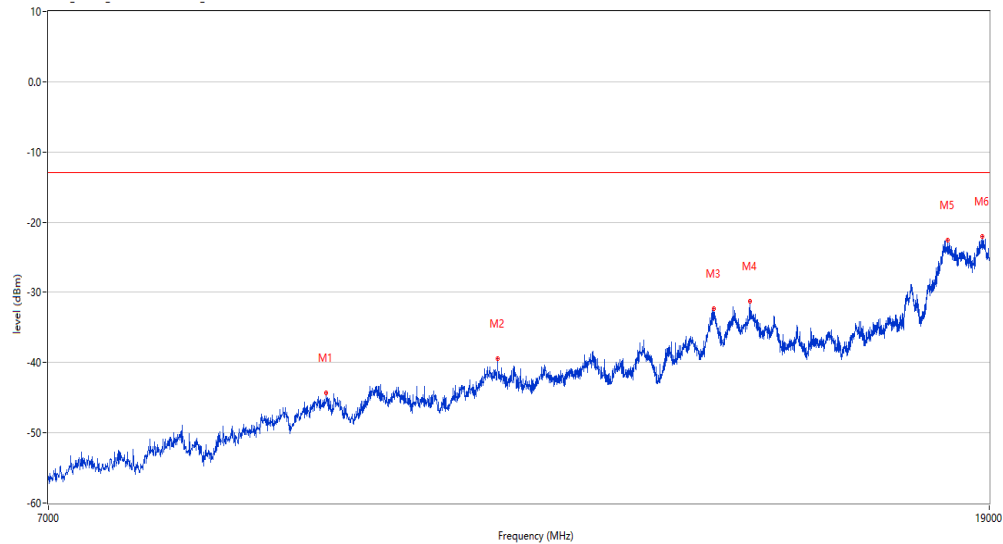
Test result

Project Number: Certification

Test Time: 2023-01-28_14.15.21

EUT Name:	N.A	Load:	full load
Manufacturer:	N.A	Remark:	DR-RSE01-E23010013-01#05
Model:	N.A	Name:	Certification
Temp.(oC):	21	Project Template:	MS Project Template.ini
Hum.:	51%	Manufacture:	N.A
Test Engineer:	LS	Model Name:	N.A
Test Standard:	FCC	Templ.(oC):	21
Work Addition:	TX	Hum:	51%
		Work Addition:	TX

RSE Test case_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
9399.400	-44.29	28.56	-13.0	31.29	128.30	Horizontal	Vertical	Pass
11276.931	-39.48	31.83	-13.0	26.48	91.90	Horizontal	Vertical	Pass
14180.205	-32.33	40.18	-13.0	19.33	213.90	Horizontal	Vertical	Pass
14744.064	-31.27	39.67	-13.0	18.27	351.30	Horizontal	Vertical	Pass
18181.205	-22.61	47.02	-13.0	9.61	174.10	Horizontal	Vertical	Pass
18865.034	-22.02	47.91	-13.0	9.02	348.30	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.11.31

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

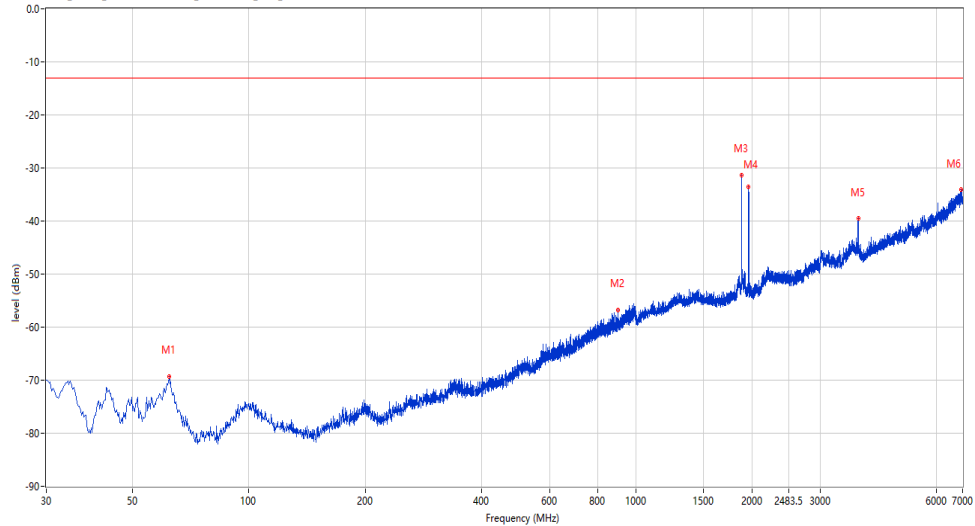
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.244	-69.25	-16.25	-13.0	56.25	237.80	Vertical	Vertical	Pass
898.418	-56.85	0.01	-13.0	43.85	212.50	Vertical	Vertical	Pass
1879.280	-31.32	3.71	-13.0	18.32	175.50	Vertical	Vertical	Pass
1959.260	-33.51	0.90	-13.0	20.51	357.40	Vertical	Vertical	Pass
3760.810	-39.56	11.56	-13.0	26.56	287.20	Vertical	Vertical	Pass
6945.014	-34.15	19.44	-13.0	21.15	160.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_16.49.58

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Addition: TX

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
8979.505	-45.56	28.70	-13.0	32.56	10.10	Vertical	Vertical	Pass
13232.442	-36.84	33.98	-13.0	23.84	309.70	Vertical	Vertical	Pass
14183.204	-32.12	40.24	-13.0	19.12	207.30	Vertical	Vertical	Pass
14798.050	-32.15	39.08	-13.0	19.15	360.00	Vertical	Vertical	Pass
18118.220	-21.83	46.94	-13.0	8.83	178.30	Vertical	Vertical	Pass
18814.046	-21.96	47.84	-13.0	8.96	138.50	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.56.54

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

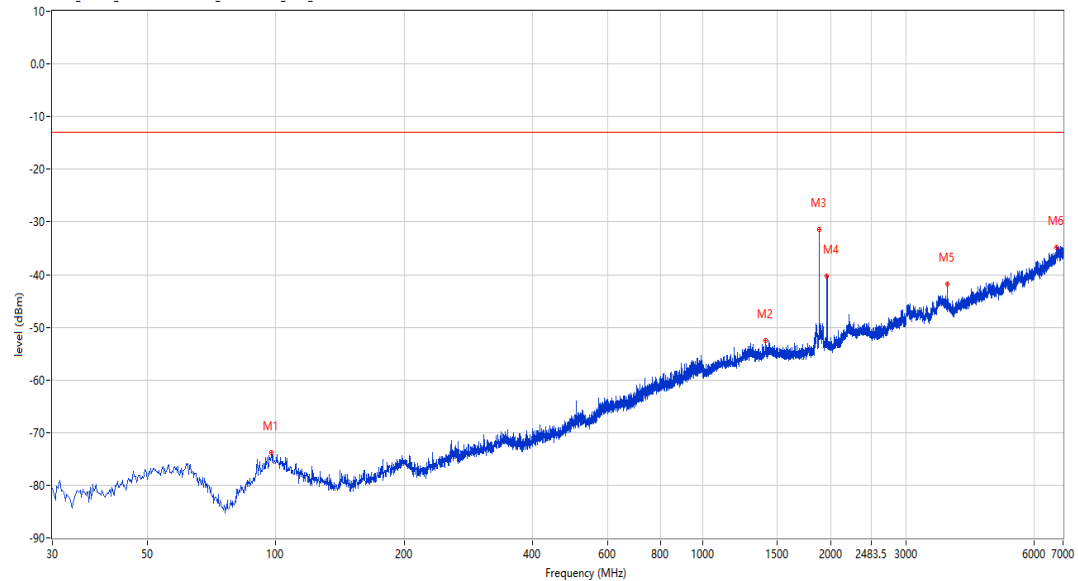
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
97.883	-73.89	-13.75	-13.0	60.89	56.20	Horizontal	Vertical	Pass
1404.899	-52.45	-0.06	-13.0	39.45	232.50	Horizontal	Vertical	Pass
1877.781	-31.41	3.69	-13.0	18.41	130.90	Horizontal	Vertical	Pass
1958.260	-40.25	0.92	-13.0	27.25	229.90	Horizontal	Vertical	Pass
3755.811	-41.71	11.52	-13.0	28.71	277.10	Horizontal	Vertical	Pass
6763.059	-34.73	19.23	-13.0	21.73	279.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_14.18.33

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

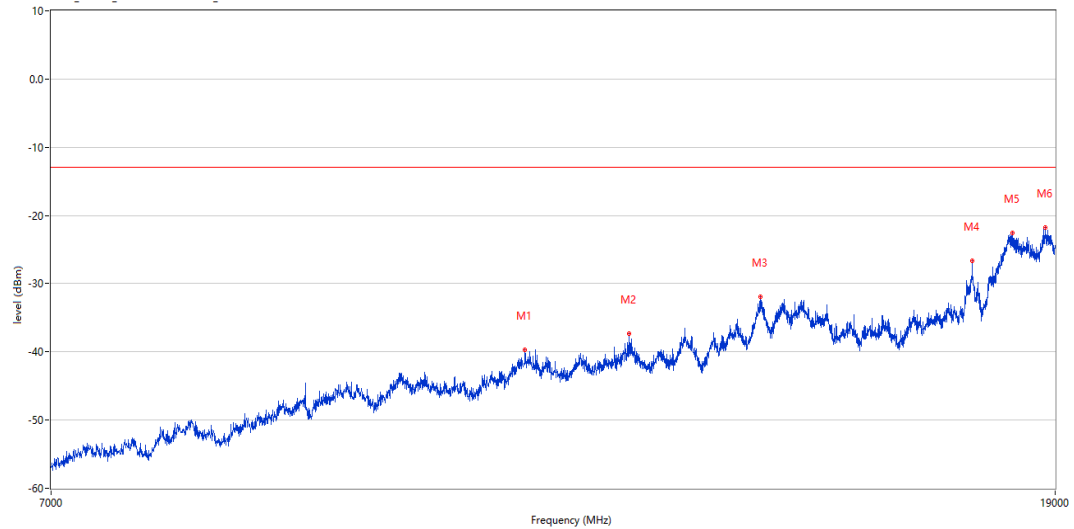
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_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
11213.947	-39.65	31.07	-13.0	26.65	320.90	Horizontal	Vertical	Pass
12434.641	-37.38	32.57	-13.0	24.38	94.50	Horizontal	Vertical	Pass
14171.207	-31.93	39.99	-13.0	18.93	240.90	Horizontal	Vertical	Pass
17494.376	-26.62	43.23	-13.0	13.62	307.10	Horizontal	Vertical	Pass
18208.198	-22.59	47.06	-13.0	9.59	288.90	Horizontal	Vertical	Pass
18811.047	-21.79	47.84	-13.0	8.79	4.00	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.14.54

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

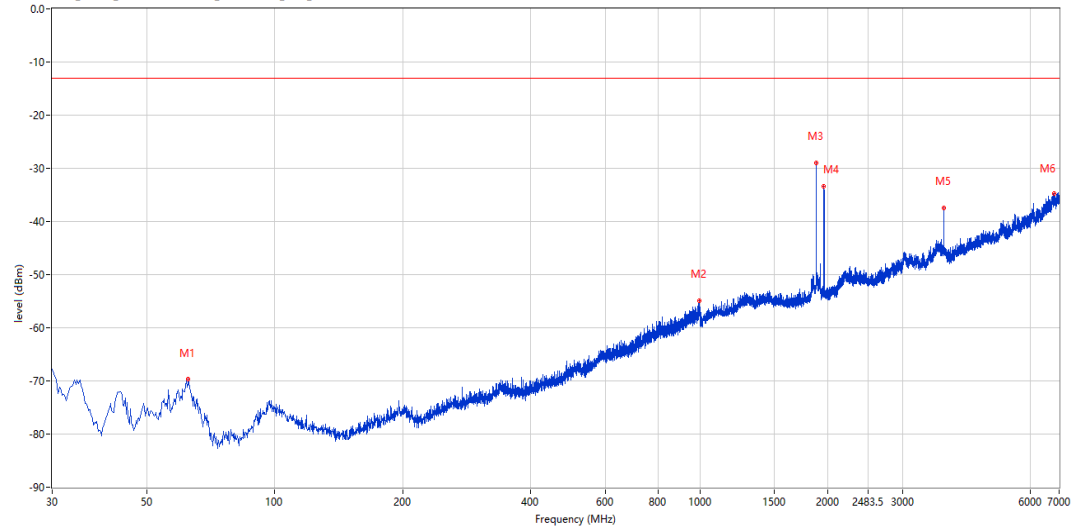
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.729	-69.68	-16.35	-13.0	56.68	203.50	Vertical	Vertical	Pass
999.515	-54.89	2.27	-13.0	41.89	41.20	Vertical	Vertical	Pass
1877.781	-28.91	3.69	-13.0	15.91	126.10	Vertical	Vertical	Pass
1958.260	-33.42	0.92	-13.0	20.42	359.60	Vertical	Vertical	Pass
3754.811	-37.39	11.51	-13.0	24.39	292.70	Vertical	Vertical	Pass
6820.045	-34.69	19.11	-13.0	21.69	37.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_16:53:09

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

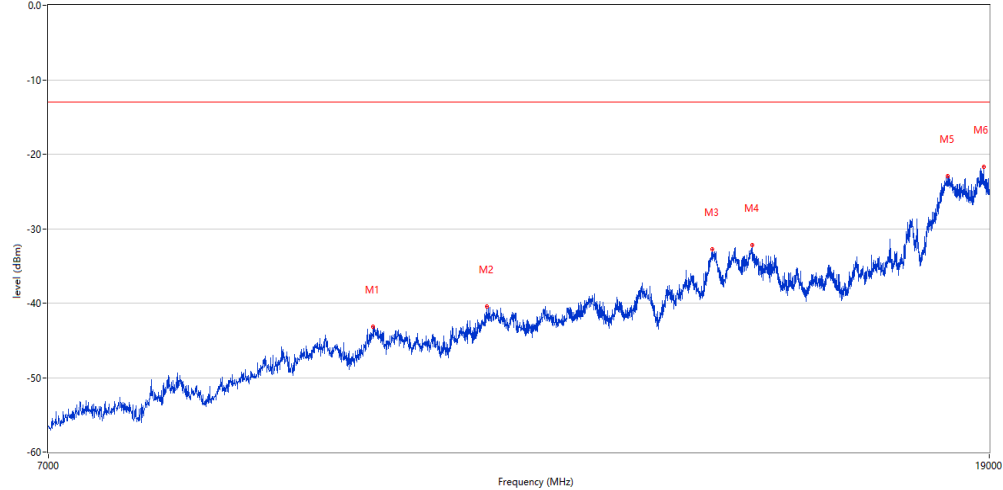
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Addition: TX

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
9879.280	-43.14	29.47	-13.0	30.14	134.00	Vertical	Vertical	Pass
11144.964	-40.40	30.72	-13.0	27.40	359.00	Vertical	Vertical	Pass
14156.211	-32.74	39.68	-13.0	19.74	321.60	Vertical	Vertical	Pass
14777.056	-32.20	39.56	-13.0	19.20	292.60	Vertical	Vertical	Pass
18184.204	-22.93	47.03	-13.0	9.93	219.30	Vertical	Vertical	Pass
18895.026	-21.72	47.94	-13.0	8.72	182.40	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.49.46

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

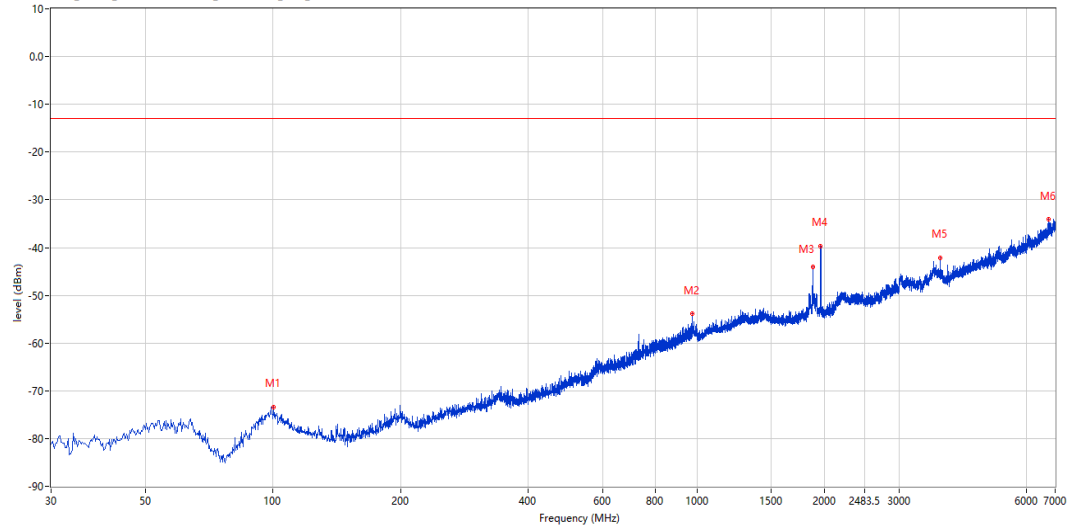
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
100.550	-73.43	-14.19	-13.0	60.43	116.50	Horizontal	Vertical	Pass
976.483	-53.90	1.70	-13.0	40.90	80.00	Horizontal	Vertical	Pass
1875.781	-44.01	3.68	-13.0	31.01	136.80	Horizontal	Vertical	Pass
1956.261	-39.70	0.95	-13.0	26.70	229.80	Horizontal	Vertical	Pass
3750.812	-42.19	11.48	-13.0	29.19	272.30	Horizontal	Vertical	Pass
6752.062	-34.13	19.25	-13.0	21.13	144.30	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_14.22.18

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

RSE Test case_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
9897.276	-42.21	29.86	-13.0	29.21	115.80	Horizontal	Vertical	Pass
11156.961	-40.48	30.81	-13.0	27.48	138.90	Horizontal	Vertical	Pass
14177.206	-32.57	40.12	-13.0	19.57	293.70	Horizontal	Vertical	Pass
14762.059	-31.52	39.86	-13.0	18.52	215.90	Horizontal	Vertical	Pass
18148.213	-22.00	46.98	-13.0	9.00	3.70	Horizontal	Vertical	Pass
18868.033	-21.31	47.91	-13.0	8.31	276.60	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.18.09

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

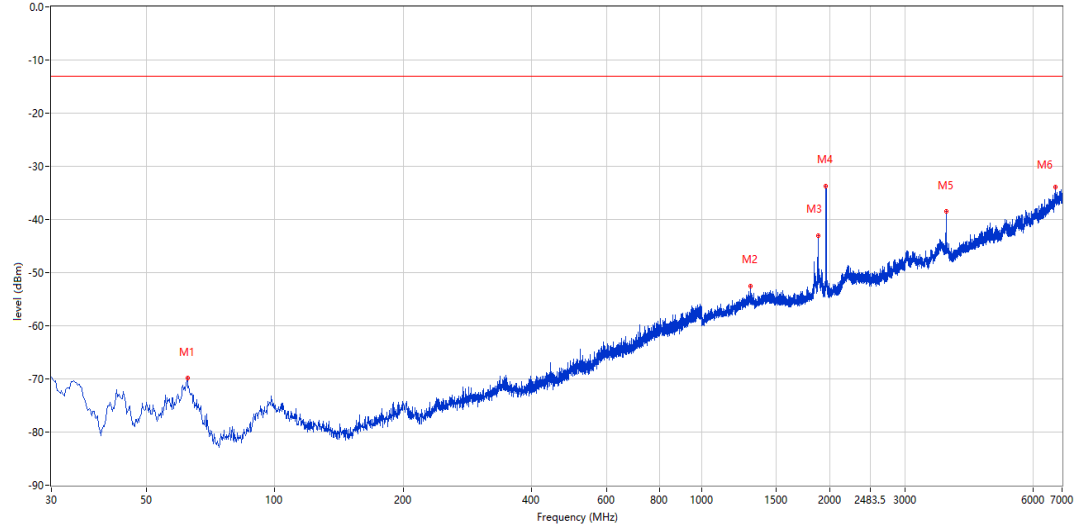
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.487	-69.89	-16.30	-13.0	56.89	191.70	Vertical	Vertical	Pass
1306.423	-52.55	-0.37	-13.0	39.55	227.20	Vertical	Vertical	Pass
1875.781	-43.01	3.68	-13.0	30.01	32.20	Vertical	Vertical	Pass
1958.760	-33.71	0.91	-13.0	20.71	357.40	Vertical	Vertical	Pass
3750.812	-38.90	11.48	-13.0	25.90	19.70	Vertical	Vertical	Pass
6740.065	-33.91	19.02	-13.0	20.91	176.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_16.55.37

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

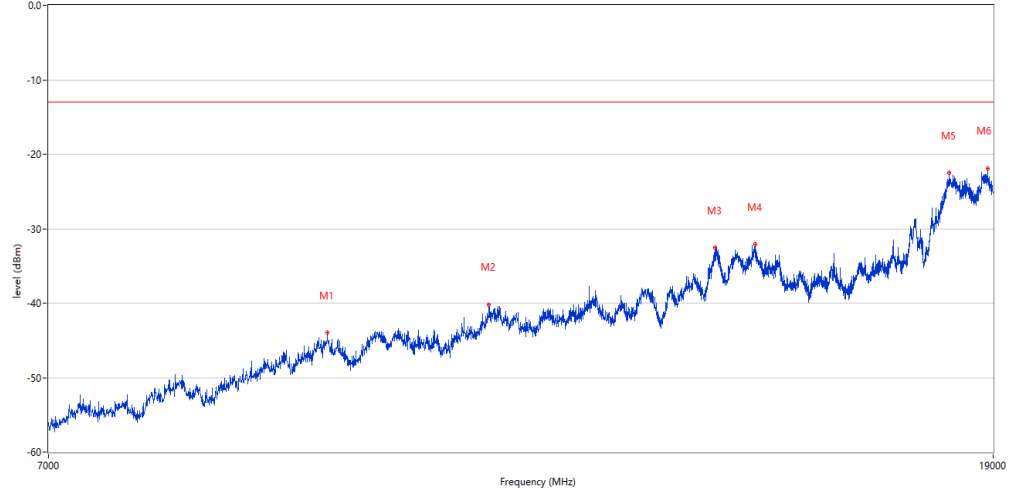
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
9399.400	-43.93	28.56	-13.0	30.93	25.80	Vertical	Vertical	Pass
11147.963	-40.19	30.77	-13.0	27.19	282.20	Vertical	Vertical	Pass
14159.210	-32.56	39.74	-13.0	19.56	10.90	Vertical	Vertical	Pass
14771.057	-32.10	39.70	-13.0	19.10	164.20	Vertical	Vertical	Pass
18142.214	-22.50	46.97	-13.0	9.50	25.80	Vertical	Vertical	Pass
18895.026	-21.90	47.94	-13.0	8.90	259.10	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.45.30

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

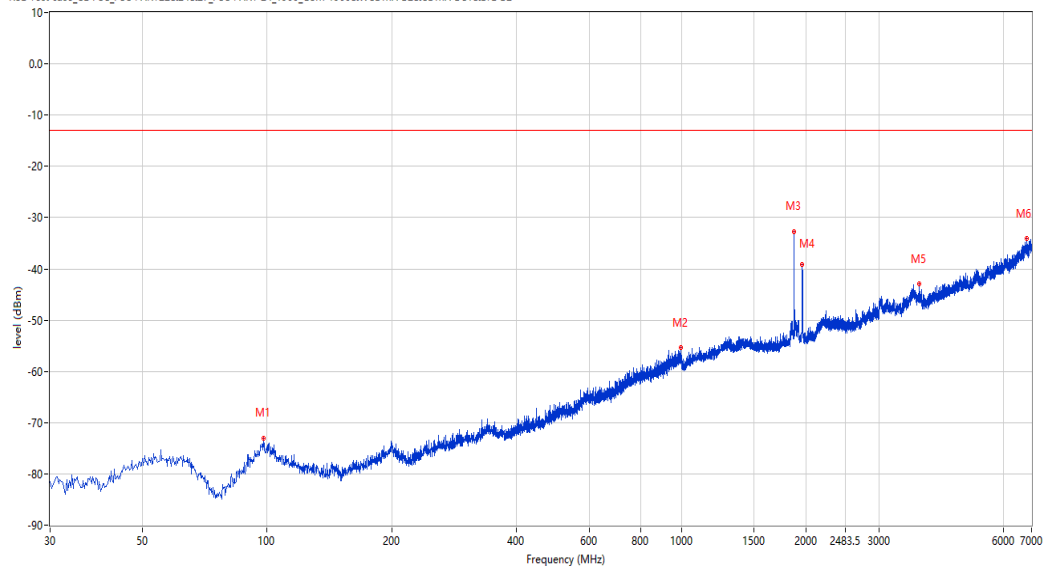
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

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
98.125	-73.04	-13.71	-13.0	60.04	7.20	Horizontal	Vertical	Pass
999.273	-55.28	2.26	-13.0	42.28	352.00	Horizontal	Vertical	Pass
1873.282	-32.75	3.66	-13.0	19.75	138.00	Horizontal	Vertical	Pass
1954.261	-39.21	0.98	-13.0	26.21	231.20	Horizontal	Vertical	Pass
3746.813	-42.98	11.48	-13.0	29.98	275.20	Horizontal	Vertical	Pass
6828.043	-34.09	19.17	-13.0	21.09	78.70	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_14.24.44

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

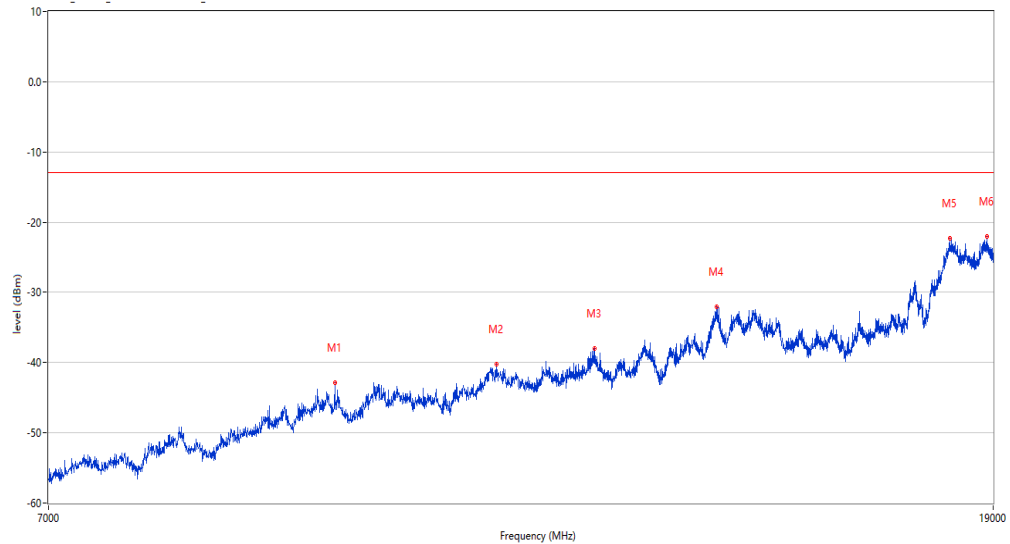
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Addition: TX

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
9474.381	-42.86	27.93	-13.0	29.86	189.50	Horizontal	Vertical	Pass
11237.941	-40.26	31.44	-13.0	27.26	360.00	Horizontal	Vertical	Pass
12464.634	-38.01	32.84	-13.0	25.01	271.40	Horizontal	Vertical	Pass
14183.204	-32.06	40.24	-13.0	19.06	260.60	Horizontal	Vertical	Pass
18145.214	-22.27	46.98	-13.0	9.27	95.00	Horizontal	Vertical	Pass
18871.032	-22.02	47.91	-13.0	9.02	358.50	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.22.36

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

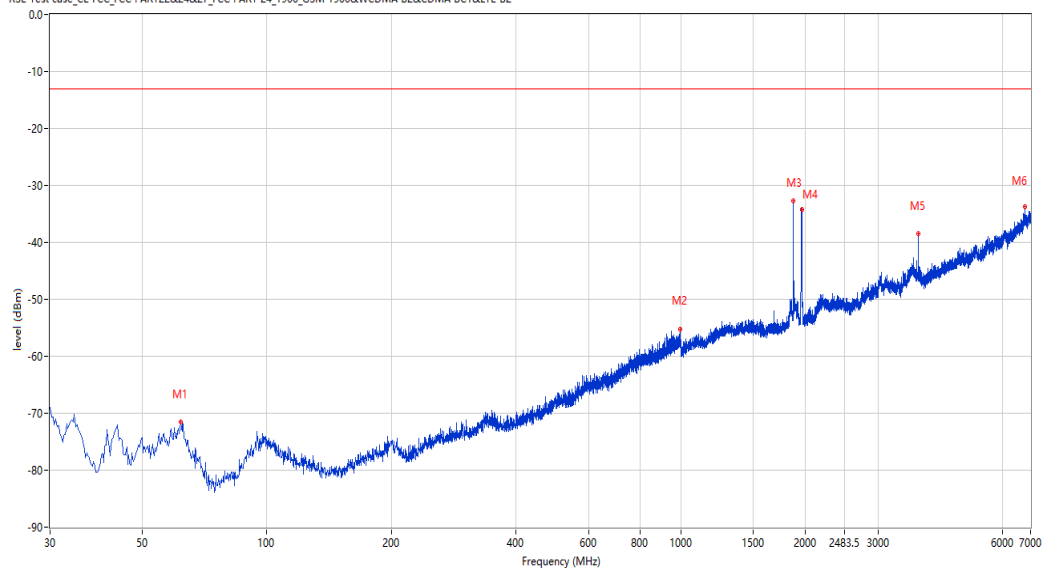
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

RSE Test case 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
62.002	-71.59	-16.19	-13.0	58.59	85.40	Vertical	Vertical	Pass
998.545	-55.22	2.25	-13.0	42.22	333.30	Vertical	Vertical	Pass
1872.782	-32.69	3.66	-13.0	19.69	181.20	Vertical	Vertical	Pass
1964.259	-34.20	0.82	-13.0	21.20	291.30	Vertical	Vertical	Pass
3745.814	-39.73	11.48	-13.0	26.73	294.20	Vertical	Vertical	Pass
6780.055	-33.72	19.21	-13.0	20.72	45.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_16:58.46

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

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
9903.274	-42.22	29.93	-13.0	29.22	359.50	Vertical	Vertical	Pass
12479.630	-38.43	32.59	-13.0	25.43	16.60	Vertical	Vertical	Pass
14171.207	-32.21	39.99	-13.0	19.21	193.30	Vertical	Vertical	Pass
14774.056	-31.55	39.63	-13.0	18.55	359.10	Vertical	Vertical	Pass
18139.215	-22.56	46.97	-13.0	9.56	204.50	Vertical	Vertical	Pass
18757.061	-22.35	47.77	-13.0	9.35	210.10	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.41.48

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

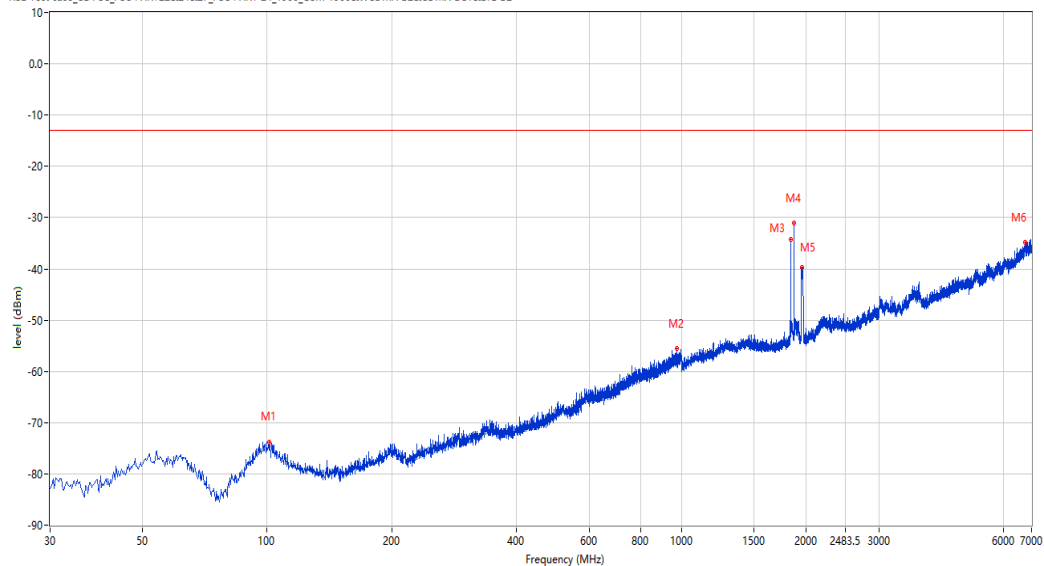
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Addition: TX

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
101.520	-73.75	-14.42	-13.0	60.75	320.00	Horizontal	Vertical	Pass
975.514	-55.60	1.67	-13.0	42.60	0.10	Horizontal	Vertical	Pass
1834.791	-34.34	0.06	-13.0	21.34	122.20	Horizontal	Vertical	Pass
1870.782	-31.14	3.64	-13.0	18.14	125.20	Horizontal	Vertical	Pass
1957.261	-39.64	0.93	-13.0	26.64	229.40	Horizontal	Vertical	Pass
6750.062	-34.78	19.25	-13.0	21.78	2.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_14.26.47

EUT Name:	N.A	Load:	full load
Manufacturer:	N.A	Remark:	DR-RSE01-E23010013-01#05
Model:	N.A	Name:	Certification
Temp.(oC):	21	Project Template:	MS Project Template.ini
Hum.:	51%	Manufacture:	N.A
Test Engineer:	LS	Model Name:	N.A
Test Standard:	FCC	Templ.(oC):	21
Work Addition:	TX	Hum:	51%
		Work Addition:	TX

RSE Test case_CCE 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
9987.253	-43.26	29.13	-13.0	30.26	289.70	Horizontal	Vertical	Pass
11846.788	-39.61	31.92	-13.0	26.61	178.40	Horizontal	Vertical	Pass
13154.461	-37.23	34.30	-13.0	24.23	10.20	Horizontal	Vertical	Pass
14192.202	-32.14	40.21	-13.0	19.14	227.10	Horizontal	Vertical	Pass
14738.065	-31.87	39.51	-13.0	18.87	261.00	Horizontal	Vertical	Pass
18166.208	-22.14	47.00	-13.0	9.14	0.60	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_10.32.45

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

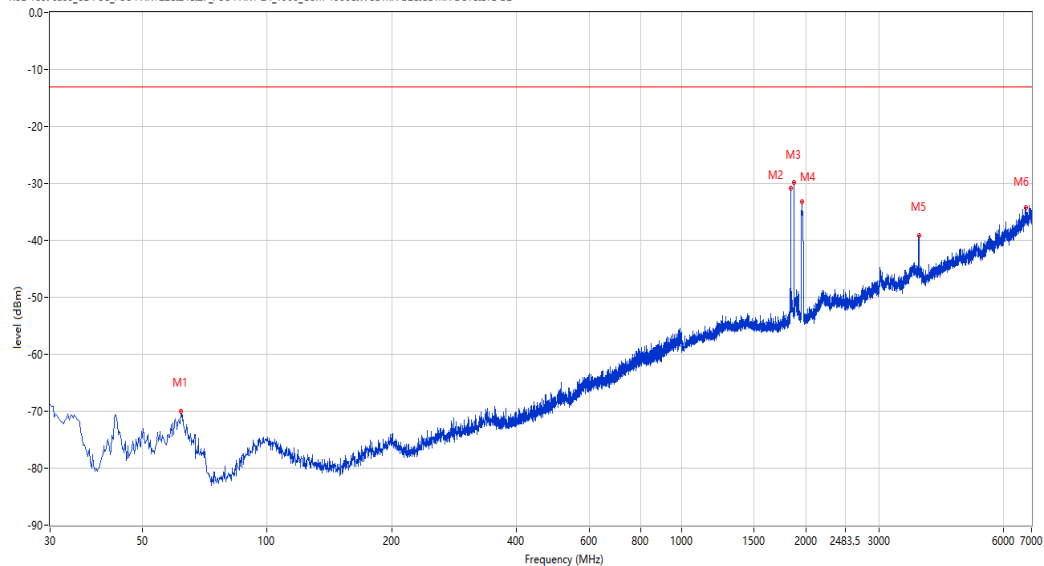
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Addition: TX

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
62.002	-69.97	-16.19	-13.0	56.97	359.90	Vertical	Vertical	Pass
1834.791	-30.81	0.06	-13.0	17.81	181.90	Vertical	Vertical	Pass
1870.782	-29.87	3.64	-13.0	16.87	178.90	Vertical	Vertical	Pass
1957.761	-33.23	0.92	-13.0	20.23	353.80	Vertical	Vertical	Pass
3741.815	-39.07	11.49	-13.0	26.07	121.50	Vertical	Vertical	Pass
6773.057	-34.30	19.22	-13.0	21.30	50.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.05.18

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

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
9924.269	-43.00	29.84	-13.0	30.00	306.00	Vertical	Vertical	Pass
12488.628	-38.25	32.42	-13.0	25.25	182.80	Vertical	Vertical	Pass
14162.209	-32.53	39.80	-13.0	19.53	220.00	Vertical	Vertical	Pass
17488.378	-28.59	43.14	-13.0	15.59	148.60	Vertical	Vertical	Pass
18163.209	-22.41	47.00	-13.0	9.41	131.50	Vertical	Vertical	Pass
18844.039	-22.27	47.88	-13.0	9.27	4.00	Vertical	Vertical	Pass

2 LTE B4

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.08.31

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

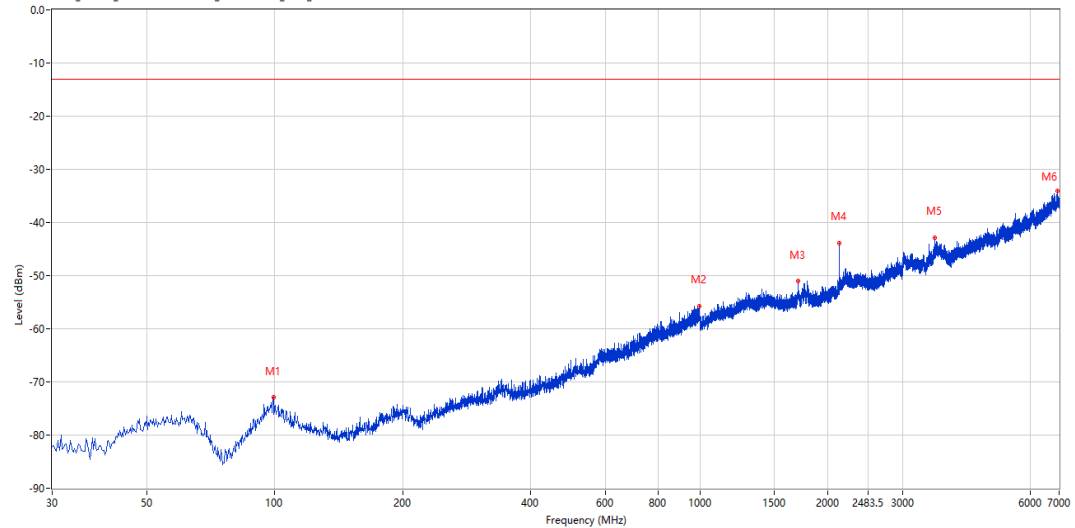
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	99.338	-72.83	-13.97	-13.0	59.83	Peak	129.60	100	Horizontal	Pass
2	995.636	-55.83	1.96	-13.0	42.83	Peak	316.70	100	Horizontal	Pass
3	1706.162	-51.04	1.55	-13.0	38.04	Peak	248.40	100	Horizontal	Pass
4	2132.608	-43.83	2.72	-13.0	30.83	Peak	264.00	100	Horizontal	Pass
5	3574.928	-42.84	11.48	-13.0	29.84	Peak	155.10	100	Horizontal	Pass
6	6949.006	-34.10	19.50	-13.0	21.10	Peak	99.70	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.34.41

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

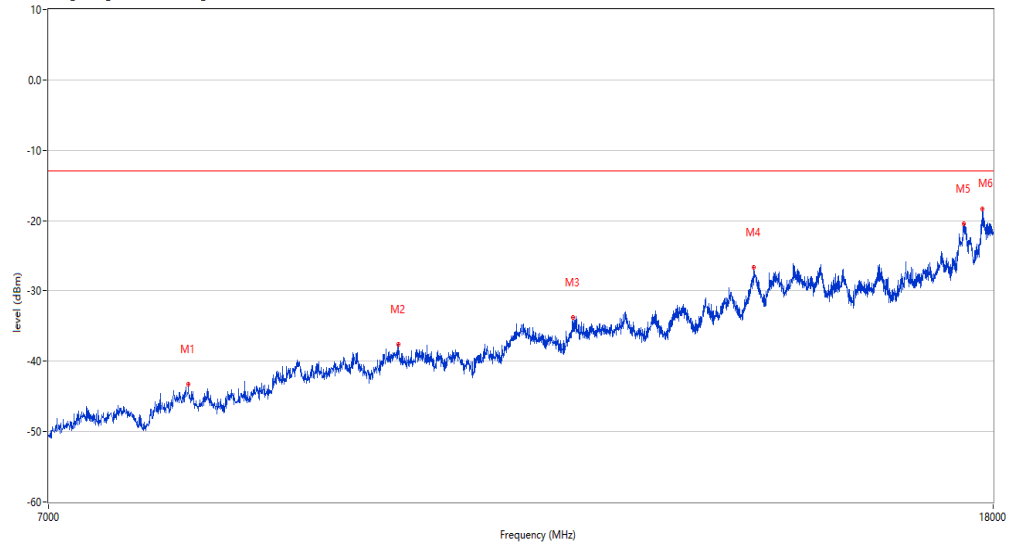
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
8050.237	-43.27	24.05	-13.0	30.27	348.80	Horizontal	Vertical	Pass
9933.517	-37.53	28.91	-13.0	24.53	0.70	Horizontal	Vertical	Pass
11822.294	-33.80	31.41	-13.0	20.80	309.40	Horizontal	Vertical	Pass
14170.207	-26.63	38.95	-13.0	13.63	27.70	Horizontal	Vertical	Pass
17485.879	-20.51	44.88	-13.0	7.51	356.20	Horizontal	Vertical	Pass
17813.047	-18.38	44.33	-13.0	5.38	340.30	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.54.20

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

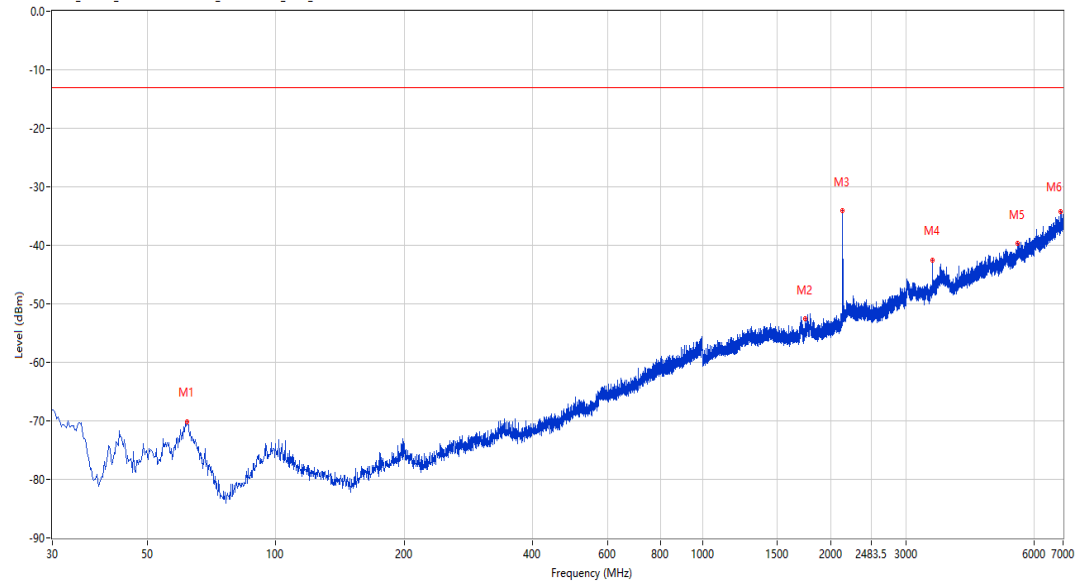
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.002	-70.10	-16.22	-13.0	57.10	Peak	158.60	100	Vertical	Pass
2	1745.157	-52.47	2.13	-13.0	39.47	Peak	71.40	100	Vertical	Pass
3	2132.358	-34.13	2.71	-13.0	21.13	Peak	218.30	100	Vertical	Pass
4	3463.942	-42.47	9.68	-13.0	29.47	Peak	125.70	100	Vertical	Pass
5	5480.190	-39.59	15.16	-13.0	26.59	Peak	134.60	100	Vertical	Pass
6	6914.511	-34.18	18.98	-13.0	21.18	Peak	222.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.20.59

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

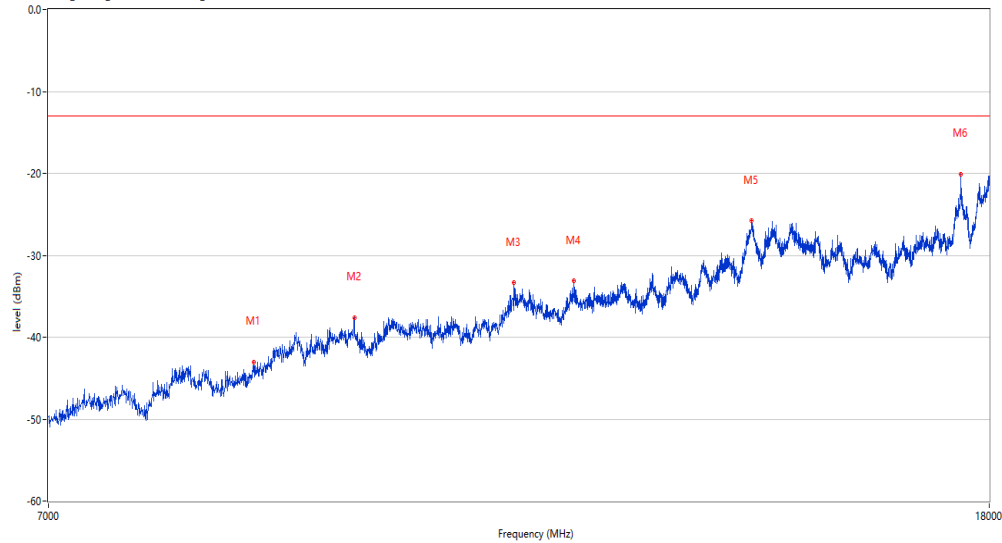
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART2&24&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8605.599	-43.01	24.56	-13.0	30.01	284.80	Vertical	Vertical	Pass
9515.621	-37.58	28.46	-13.0	24.58	208.50	Vertical	Vertical	Pass
11170.707	-33.38	30.82	-13.0	20.38	19.10	Vertical	Vertical	Pass
11860.785	-33.10	32.17	-13.0	20.10	44.70	Vertical	Vertical	Pass
14183.954	-25.77	40.26	-13.0	12.77	44.70	Vertical	Vertical	Pass
17491.377	-20.06	43.19	-13.0	7.06	1.10	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.13.14

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

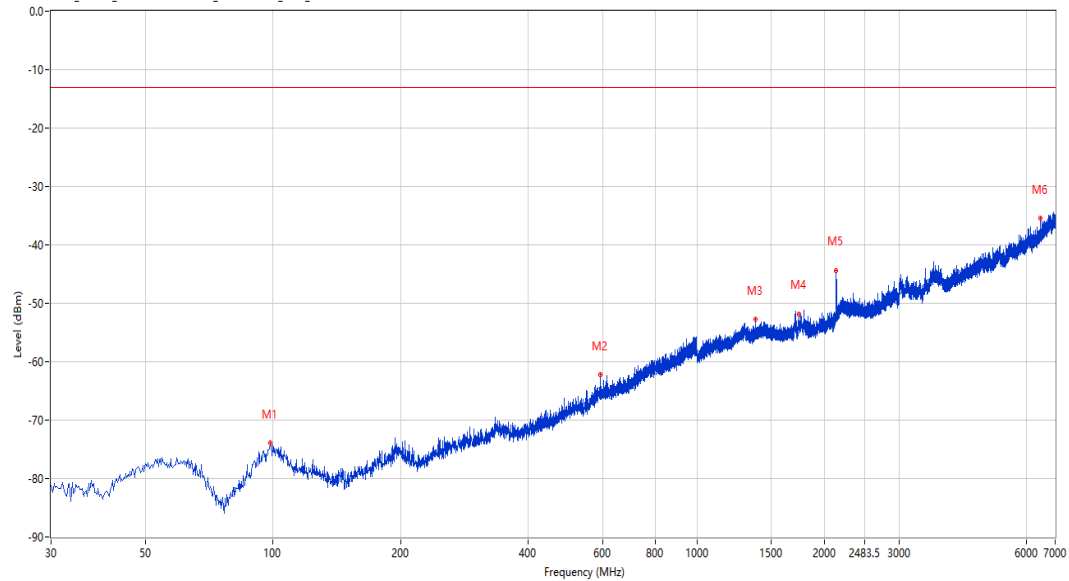
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	98.853	-73.98	-13.87	-13.0	60.98	Peak	173.10	100	Horizontal	Pass
2	592.217	-62.25	-5.18	-13.0	49.25	Peak	223.00	100	Horizontal	Pass
3	1375.453	-52.76	-0.51	-13.0	39.76	Peak	42.80	100	Horizontal	Pass
4	1744.407	-51.85	2.12	-13.0	38.85	Peak	357.80	100	Horizontal	Pass
5	2132.608	-44.43	2.72	-13.0	31.43	Peak	306.70	100	Horizontal	Pass
6	6461.067	-35.48	17.67	-13.0	22.48	Peak	348.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.36.35

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

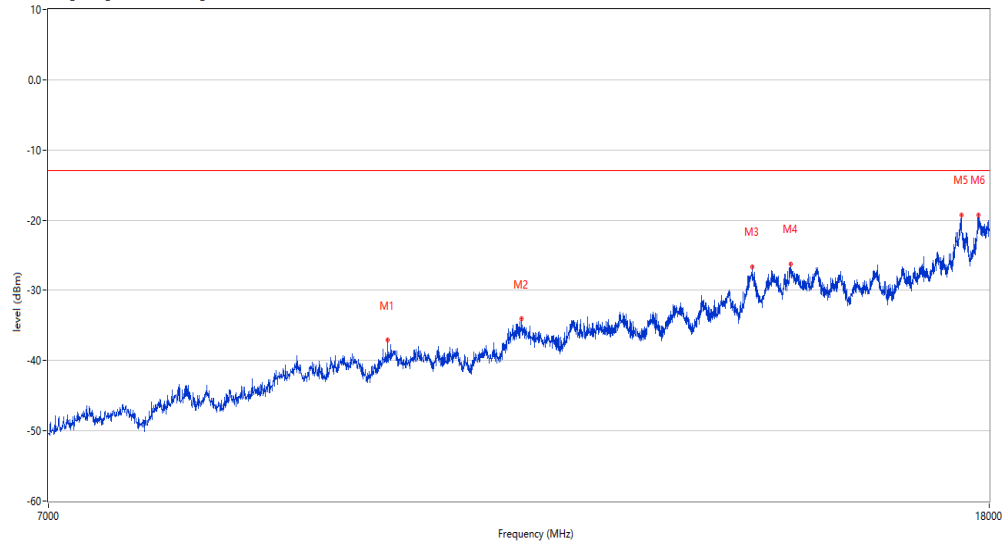
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
9842.789	-37.11	28.25	-13.0	24.11	167.20	Horizontal	Vertical	Pass
11255.936	-34.09	31.49	-13.0	21.09	295.90	Horizontal	Vertical	Pass
14189.453	-26.66	39.42	-13.0	13.66	0.50	Horizontal	Vertical	Pass
14744.814	-26.26	39.18	-13.0	13.26	272.90	Horizontal	Vertical	Pass
17507.873	-19.24	44.66	-13.0	6.24	123.20	Horizontal	Vertical	Pass
17802.049	-19.30	44.46	-13.0	6.30	244.90	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.49.34

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

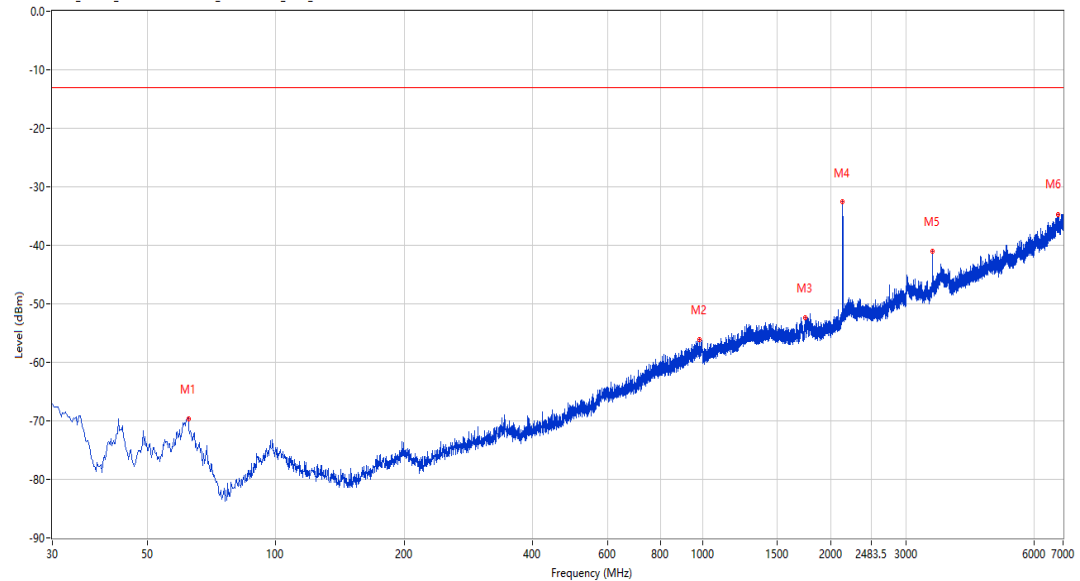
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.487	-69.68	-16.33	-13.0	56.68	Peak	199.50	100	Vertical	Pass
2	983.272	-56.17	1.69	-13.0	43.17	Peak	135.50	100	Vertical	Pass
3	1742.407	-52.41	2.09	-13.0	39.41	Peak	25.20	100	Vertical	Pass
4	2131.859	-32.60	2.70	-13.0	19.60	Peak	123.40	100	Vertical	Pass
5	3461.942	-40.94	9.67	-13.0	27.94	Peak	128.30	100	Vertical	Pass
6	6811.024	-34.82	19.05	-13.0	21.82	Peak	356.30	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.22.43

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

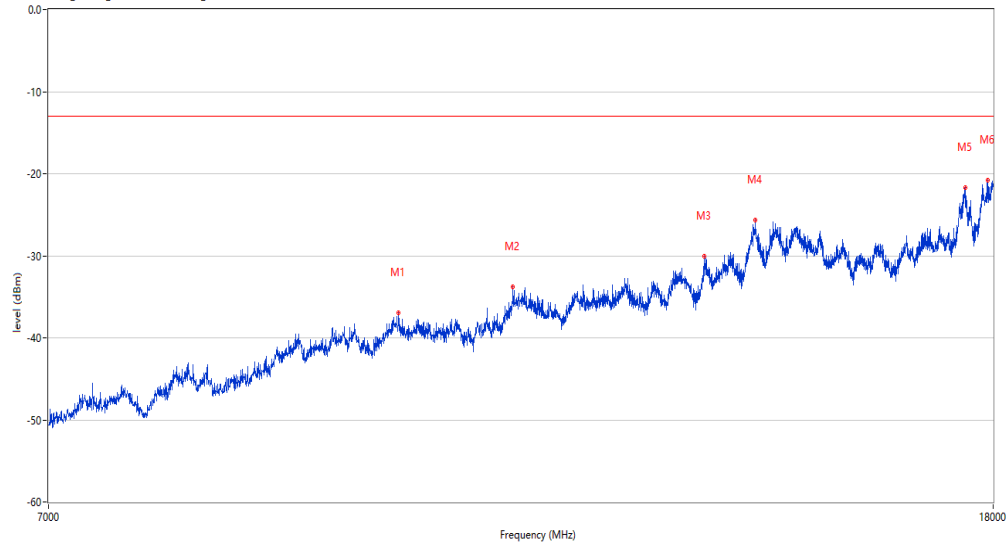
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE_FCC_FCC PART22824&27_FCC GSM&CDMA<E&WCDMA 7-18G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9930.767	-36.97	29.72	-13.0	23.97	270.60	Vertical	Vertical	Pass
11134.966	-33.80	30.57	-13.0	20.80	126.50	Vertical	Vertical	Pass
13480.130	-30.09	35.25	-13.0	17.09	228.50	Vertical	Vertical	Pass
14192.202	-25.70	40.21	-13.0	12.70	42.80	Vertical	Vertical	Pass
17502.374	-21.65	43.17	-13.0	8.65	151.40	Vertical	Vertical	Pass
17909.273	-20.78	43.42	-13.0	7.78	90.40	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.17.36

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

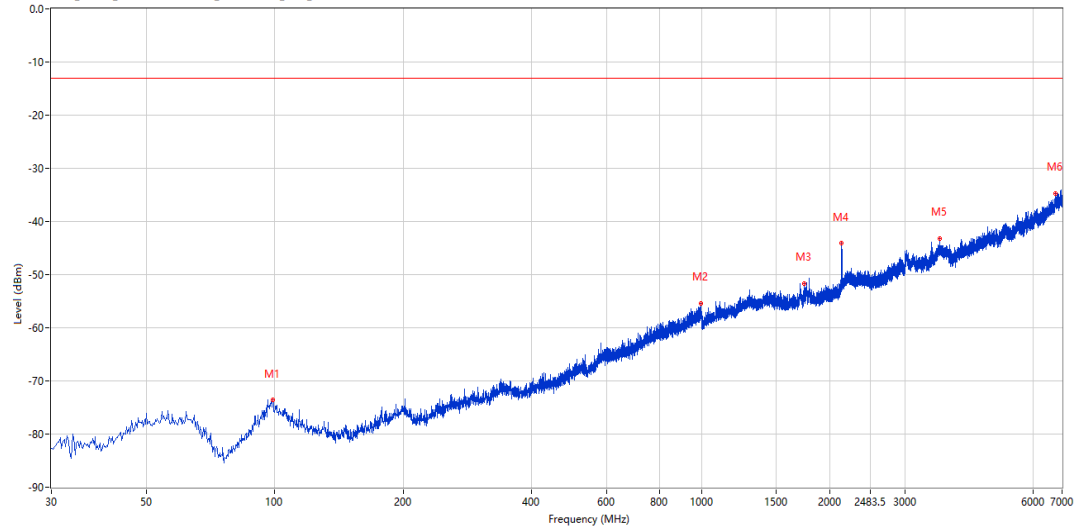
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B56



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	99.095	-73.61	-13.92	-13.0	60.61	Peak	272.80	100	Horizontal	Pass
2	998.545	-55.44	2.02	-13.0	42.44	Peak	207.70	100	Horizontal	Pass
3	1745.657	-51.64	2.14	-13.0	38.64	Peak	40.00	100	Horizontal	Pass
4	2132.358	-44.12	2.71	-13.0	31.12	Peak	123.40	100	Horizontal	Pass
5	3614.423	-43.17	11.99	-13.0	30.17	Peak	0.00	100	Horizontal	Pass
6	6753.031	-34.77	19.25	-13.0	21.77	Peak	152.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17:38.48

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

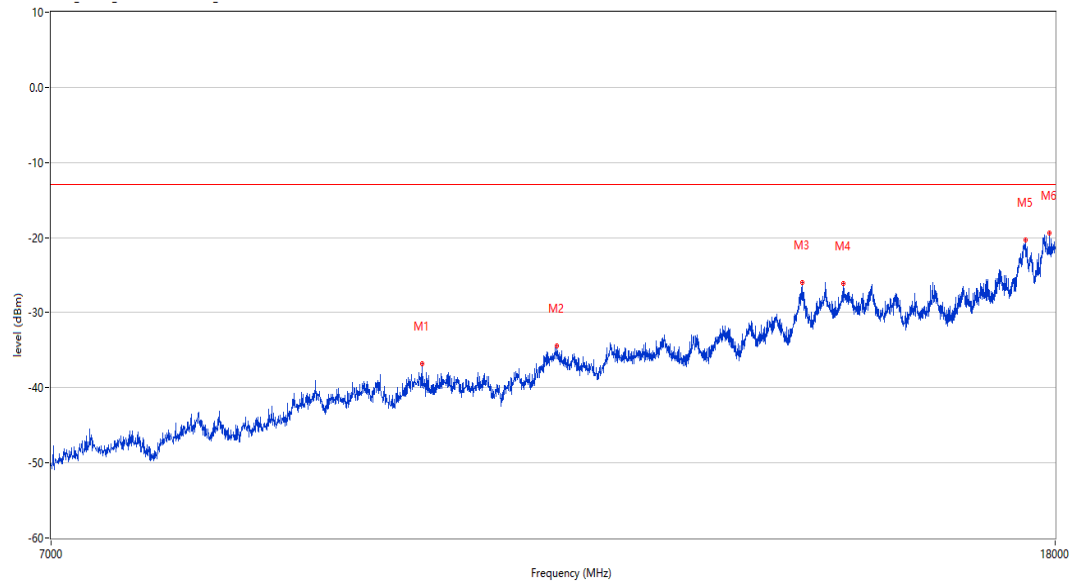
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
9922.519	-36.81	29.14	-13.0	23.81	183.00	Horizontal	Vertical	Pass
11264.184	-34.48	31.52	-13.0	21.48	80.00	Horizontal	Vertical	Pass
14194.951	-25.95	39.28	-13.0	12.95	2.00	Horizontal	Vertical	Pass
14753.062	-26.10	39.31	-13.0	13.10	93.70	Horizontal	Vertical	Pass
17505.124	-20.35	44.84	-13.0	7.35	331.90	Horizontal	Vertical	Pass
17903.774	-19.36	44.35	-13.0	6.36	88.10	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.43.09

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

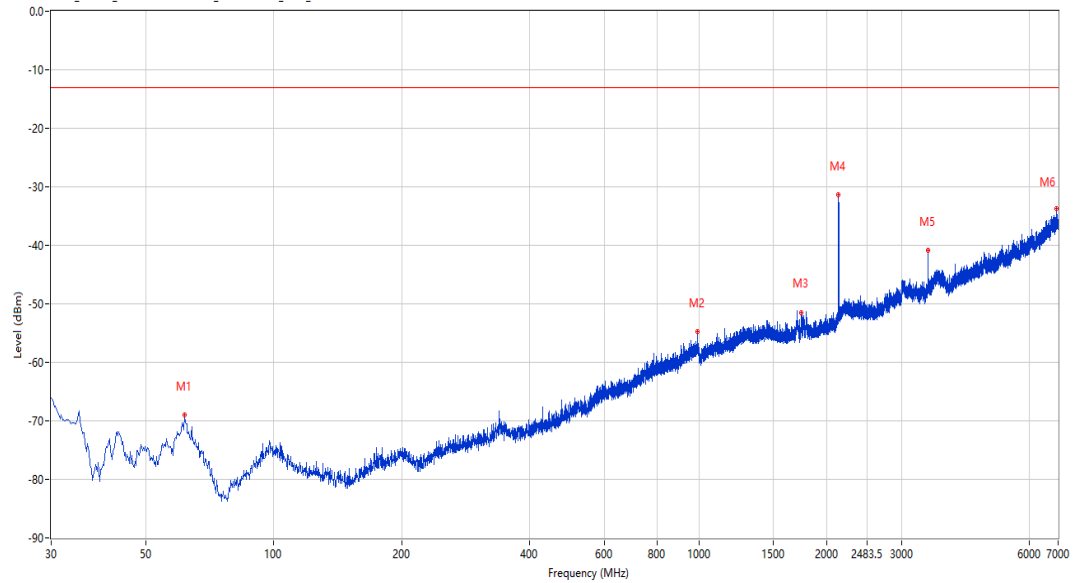
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-68.99	-16.25	-13.0	55.99	Peak	137.10	100	Vertical	Pass
2	991.757	-54.83	1.87	-13.0	41.83	Peak	83.90	100	Vertical	Pass
3	1745.157	-51.45	2.13	-13.0	38.45	Peak	314.40	100	Vertical	Pass
4	2131.359	-31.43	2.68	-13.0	18.43	Peak	77.70	100	Vertical	Pass
5	3460.442	-40.90	9.66	-13.0	27.90	Peak	134.50	100	Vertical	Pass
6	6942.507	-33.77	19.40	-13.0	20.77	Peak	0.30	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.24.26

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

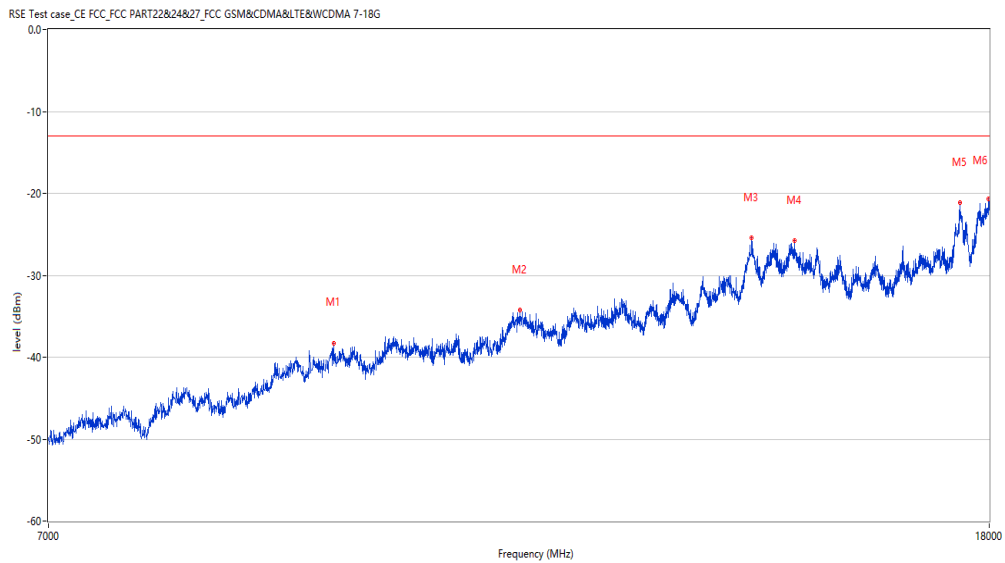
Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9320.420	-38.36	28.05	-13.0	25.36	55.90	Vertical	Vertical	Pass
11239.440	-34.29	31.47	-13.0	21.29	0.30	Vertical	Vertical	Pass
14178.455	-25.45	40.14	-13.0	12.45	75.20	Vertical	Vertical	Pass
14799.800	-25.72	39.04	-13.0	12.72	228.90	Vertical	Vertical	Pass
17474.881	-21.08	42.51	-13.0	8.08	217.40	Vertical	Vertical	Pass
17991.752	-20.71	45.58	-13.0	7.71	271.00	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.22.01

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

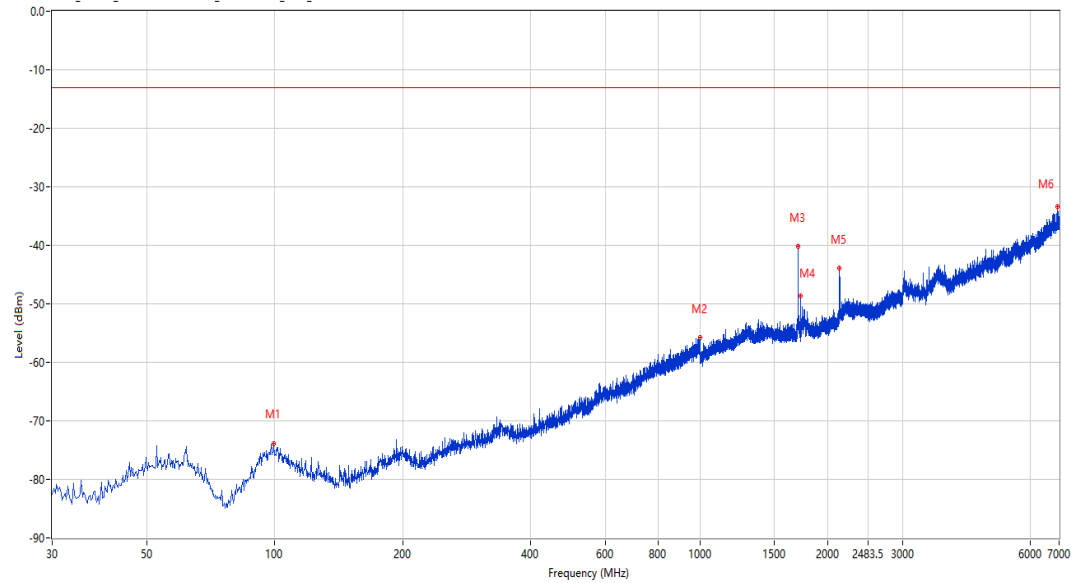
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	99.580	-73.92	-14.01	-13.0	60.92	Peak	114.70	100	Horizontal	Pass
2	1000.000	-55.69	2.05	-13.0	42.69	Peak	357.90	100	Horizontal	Pass
3	1701.912	-40.24	1.48	-13.0	27.24	Peak	125.70	100	Horizontal	Pass
4	1727.909	-48.62	1.87	-13.0	35.62	Peak	116.00	100	Horizontal	Pass
5	2132.608	-43.86	2.72	-13.0	30.86	Peak	116.00	100	Horizontal	Pass
6	6948.006	-33.40	19.49	-13.0	20.40	Peak	150.90	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.40.32

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

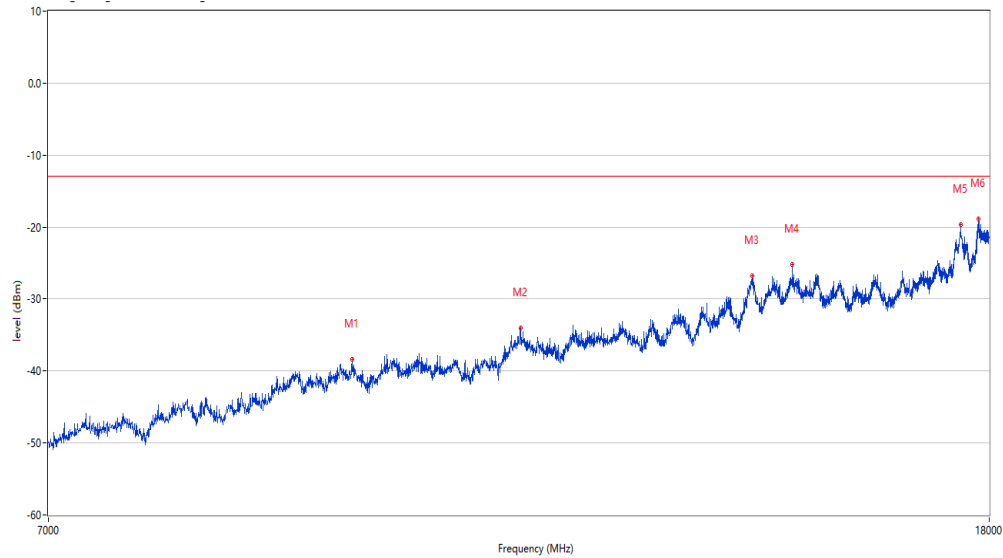
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_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
9496.376	-38.34	28.29	-13.0	25.34	309.70	Horizontal	Vertical	Pass
11244.939	-34.10	31.35	-13.0	21.10	98.70	Horizontal	Vertical	Pass
14189.453	-26.74	39.42	-13.0	13.74	321.20	Horizontal	Vertical	Pass
14769.558	-25.16	39.17	-13.0	12.16	359.70	Horizontal	Vertical	Pass
17494.126	-19.66	45.04	-13.0	6.66	278.80	Horizontal	Vertical	Pass
17810.297	-18.92	44.36	-13.0	5.92	36.50	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.37.18

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

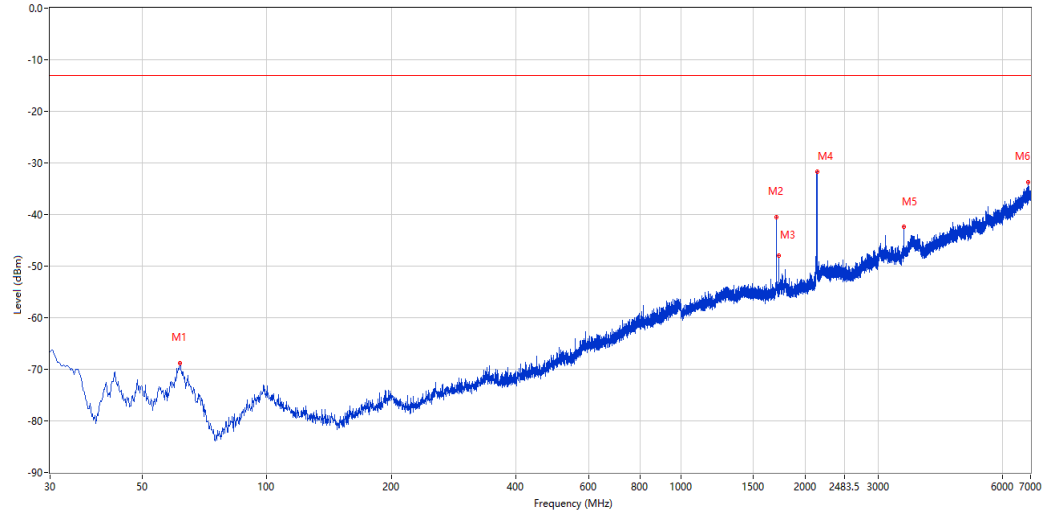
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Addition: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-68.81	-16.25	-13.0	55.81	Peak	192.90	100	Vertical	Pass
2	1702.162	-40.45	1.49	-13.0	27.45	Peak	123.00	100	Vertical	Pass
3	1727.909	-47.99	1.87	-13.0	34.99	Peak	112.30	100	Vertical	Pass
4	2133.608	-31.76	2.74	-13.0	18.76	Peak	221.30	100	Vertical	Pass
5	3456.443	-42.31	9.65	-13.0	29.31	Peak	157.70	100	Vertical	Pass
6	6912.511	-33.81	18.96	-13.0	20.81	Peak	208.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.26.44

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

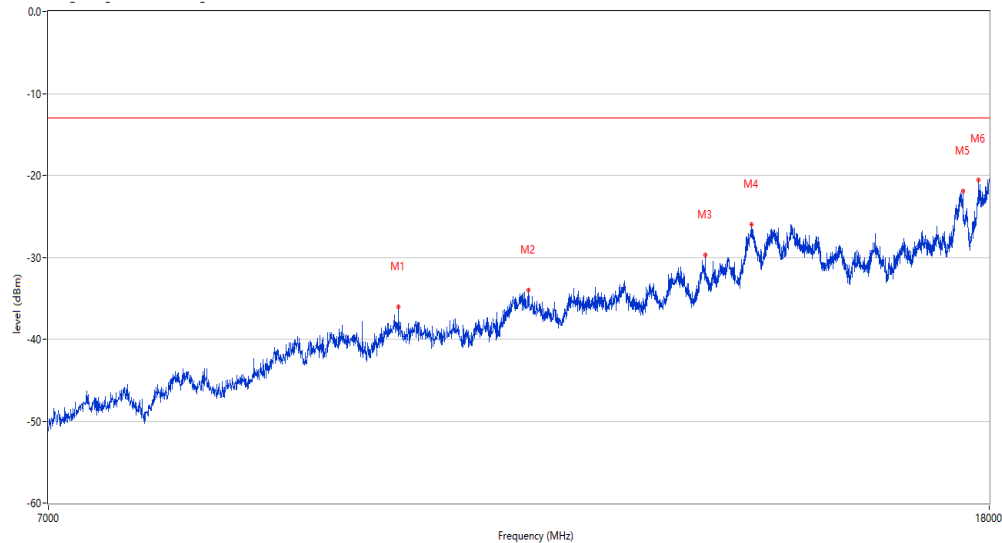
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

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
9950.012	-36.09	29.38	-13.0	23.09	360.00	Vertical	Vertical	Pass
11330.167	-34.05	31.83	-13.0	21.05	258.00	Vertical	Vertical	Pass
13532.367	-29.70	36.02	-13.0	16.70	221.10	Vertical	Vertical	Pass
14181.205	-26.00	40.20	-13.0	13.00	104.90	Vertical	Vertical	Pass
17527.118	-21.95	41.58	-13.0	8.95	178.70	Vertical	Vertical	Pass
17810.297	-20.53	42.11	-13.0	7.53	301.90	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.26.30

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

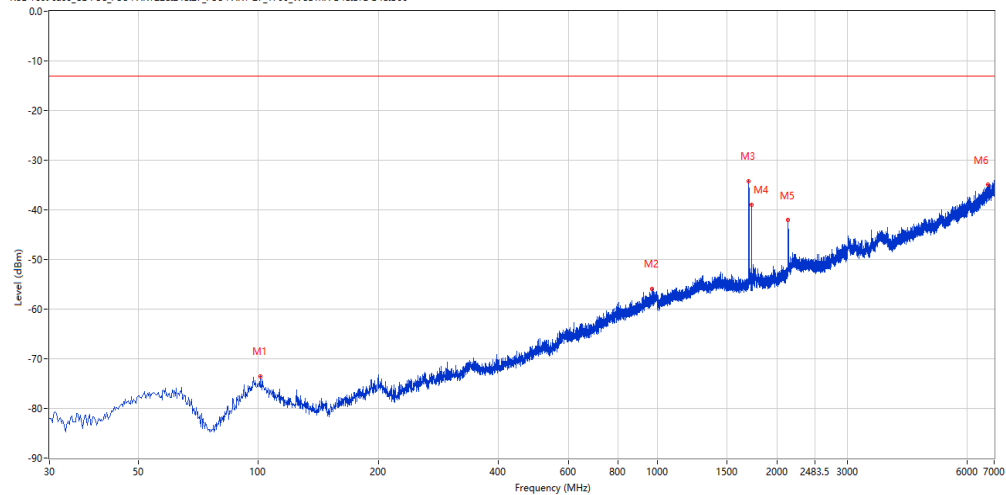
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	101.277	-73.50	-14.41	-13.0	60.50	Peak	61.20	100	Horizontal	Pass
2	970.665	-55.91	1.41	-13.0	42.91	Peak	223.00	100	Horizontal	Pass
3	1699.413	-34.22	0.47	-13.0	21.22	Peak	121.60	100	Horizontal	Pass
4	1725.409	-39.05	1.84	-13.0	26.05	Peak	124.90	100	Horizontal	Pass
5	2130.109	-42.06	2.65	-13.0	29.06	Peak	112.60	100	Horizontal	Pass
6	6762.030	-35.00	19.23	-13.0	22.00	Peak	147.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.41.53

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

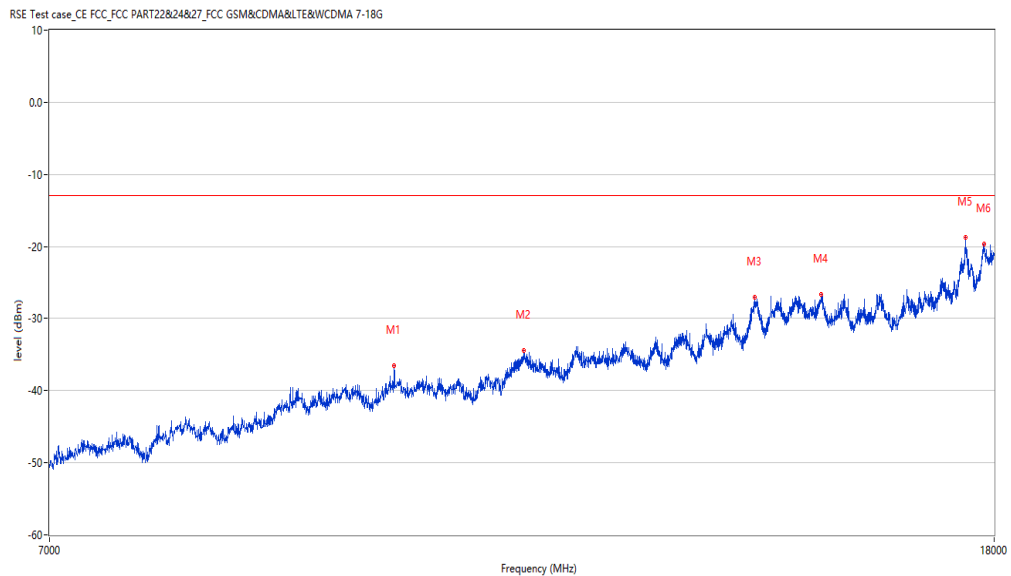
Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9881.280	-36.59	28.89	-13.0	23.59	297.70	Horizontal	Vertical	Pass
11247.688	-34.40	31.42	-13.0	21.40	275.40	Horizontal	Vertical	Pass
14167.458	-27.08	38.87	-13.0	14.08	75.60	Horizontal	Vertical	Pass
15143.464	-26.68	37.27	-13.0	13.68	16.40	Horizontal	Vertical	Pass
17499.625	-18.73	45.15	-13.0	5.73	1.10	Horizontal	Vertical	Pass
17818.545	-19.66	44.26	-13.0	6.66	237.50	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.32.05

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

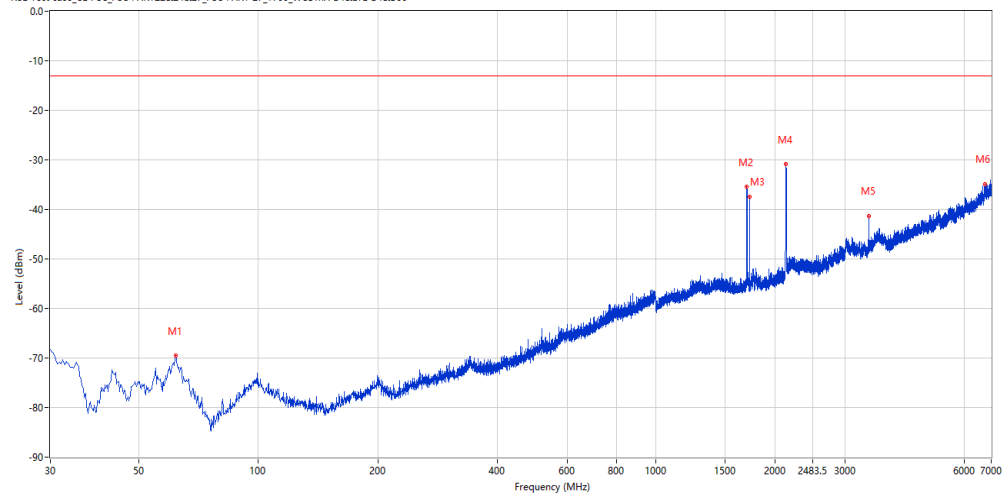
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case CE FCC PART22&24&27 FCC PART 27_1700_WCDMA B4<E B4&B66



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.002	-69.56	-16.22	-13.0	56.56	Peak	175.40	100	Vertical	Pass
2	1699.163	-35.37	0.30	-13.0	22.37	Peak	85.10	100	Vertical	Pass
3	1725.659	-37.48	1.84	-13.0	24.48	Peak	183.80	100	Vertical	Pass
4	2127.859	-30.92	2.59	-13.0	17.92	Peak	121.60	100	Vertical	Pass
5	3451.444	-41.30	9.63	-13.0	28.30	Peak	127.50	100	Vertical	Pass
6	6754.031	-34.86	19.25	-13.0	21.86	Peak	277.50	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.28.22

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

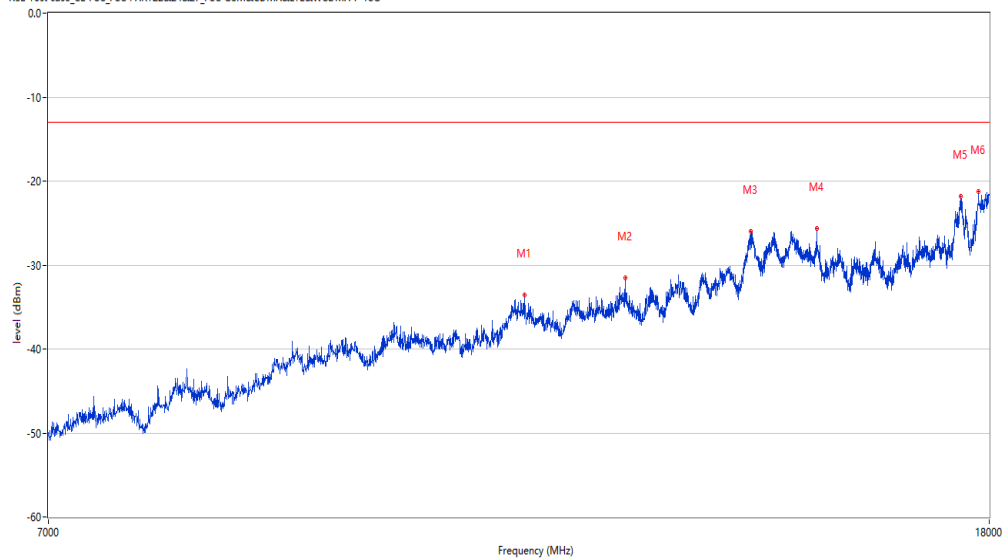
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_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
11286.178	-33.56	31.90	-13.0	20.56	27.60	Vertical	Vertical	Pass
12487.628	-31.50	32.44	-13.0	18.50	114.10	Vertical	Vertical	Pass
14172.957	-25.98	40.03	-13.0	12.98	358.40	Vertical	Vertical	Pass
15140.715	-25.68	36.53	-13.0	12.68	161.70	Vertical	Vertical	Pass
17499.625	-21.80	43.32	-13.0	8.80	342.90	Vertical	Vertical	Pass
17804.799	-21.28	42.14	-13.0	8.28	209.70	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_11.30.50

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

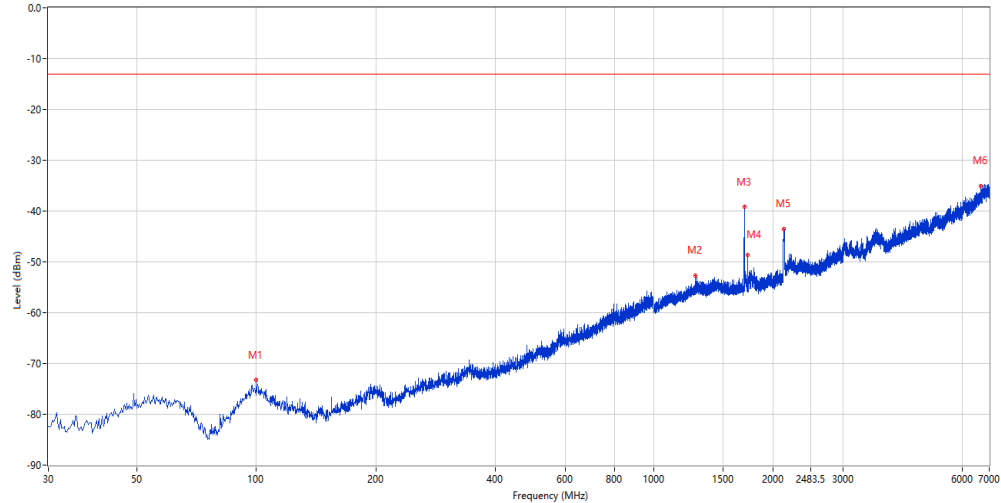
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Addition: TX

RSE Test case CE FCC PART22&24&27 FCC PART 27 1700_WCDMA B4<E B4&B66



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	100.065	-73.21	-14.11	-13.0	60.21	Peak	147.80	100	Horizontal	Pass
2	1276.465	-52.64	-0.37	-13.0	39.64	Peak	62.80	100	Horizontal	Pass
3	1697.163	-39.20	-0.32	-13.0	26.20	Peak	120.90	100	Horizontal	Pass
4	1723.410	-48.67	1.81	-13.0	35.67	Peak	134.60	100	Horizontal	Pass
5	2129.359	-43.59	2.63	-13.0	30.59	Peak	149.90	100	Horizontal	Pass
6	6677.040	-35.13	18.44	-13.0	22.13	Peak	297.90	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.44.12

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

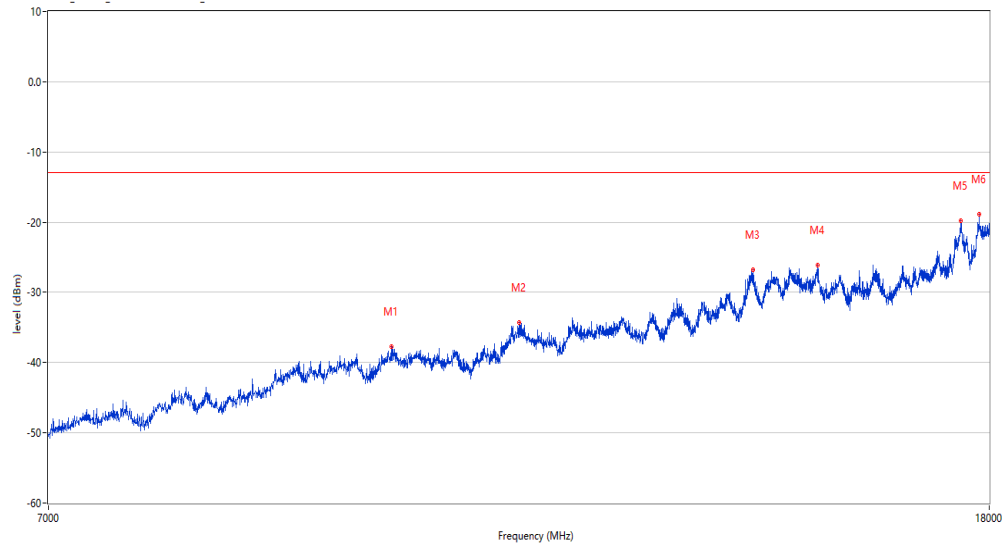
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE_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
9875.781	-37.72	28.78	-13.0	24.72	131.00	Horizontal	Vertical	Pass
11231.192	-34.24	31.04	-13.0	21.24	73.40	Horizontal	Vertical	Pass
14205.949	-26.76	38.92	-13.0	13.76	0.90	Horizontal	Vertical	Pass
15151.712	-26.07	37.34	-13.0	13.07	87.50	Horizontal	Vertical	Pass
17494.126	-19.73	45.04	-13.0	6.73	58.10	Horizontal	Vertical	Pass
17824.044	-18.88	44.20	-13.0	5.88	295.10	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_13.23.43

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

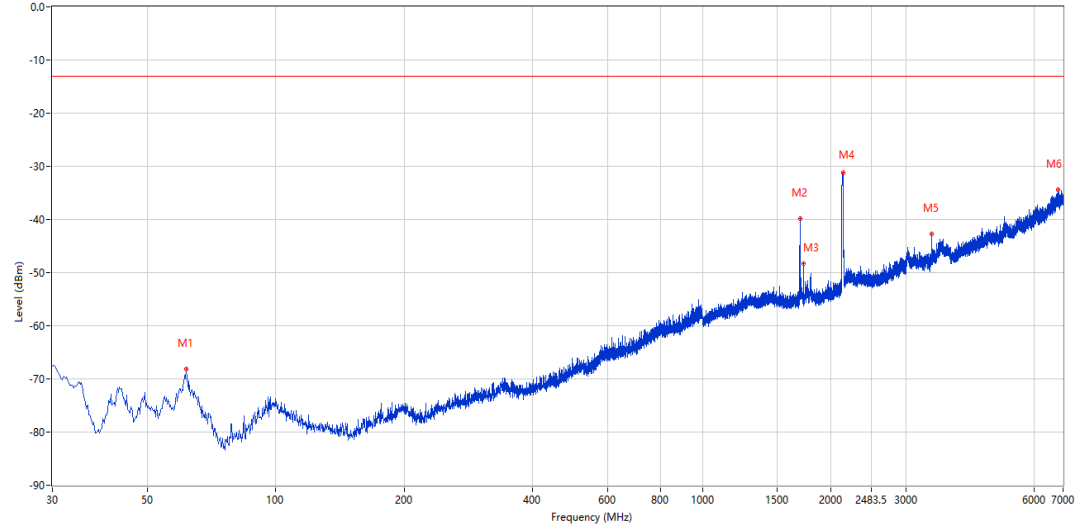
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-68.16	-16.25	-13.0	55.16	Peak	180.90	100	Vertical	Pass
2	1697.163	-39.77	-0.32	-13.0	26.77	Peak	176.60	100	Vertical	Pass
3	1723.660	-48.24	1.81	-13.0	35.24	Peak	156.20	100	Vertical	Pass
4	2140.607	-31.16	2.93	-13.0	18.16	Peak	312.40	100	Vertical	Pass
5	3446.944	-42.78	9.55	-13.0	29.78	Peak	137.30	100	Vertical	Pass
6	6801.025	-34.44	18.98	-13.0	21.44	Peak	116.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.30.34

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

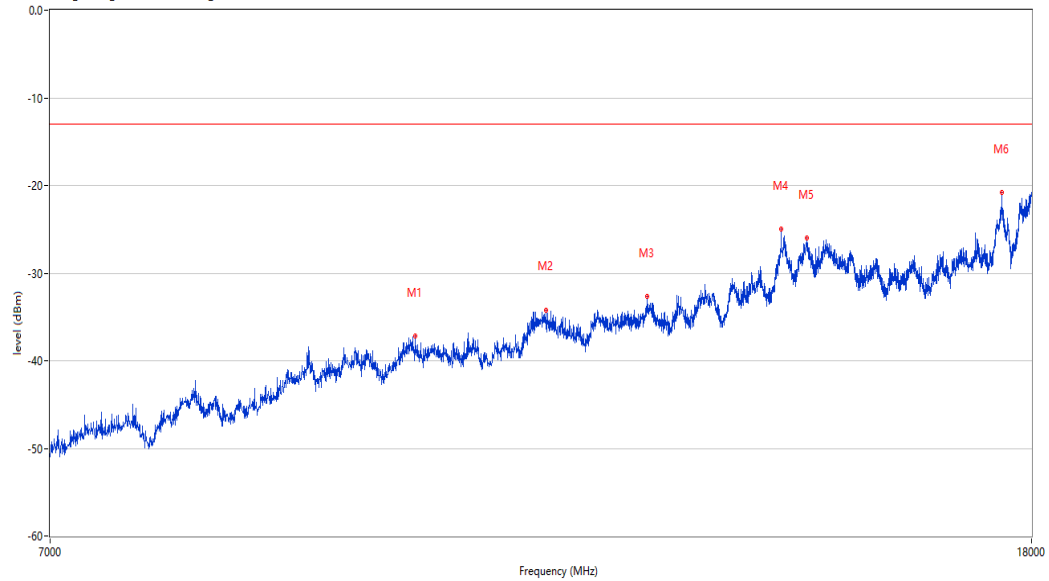
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case 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
9947.263	-37.20	29.43	-13.0	24.20	359.60	Vertical	Vertical	Pass
11277.931	-34.29	31.84	-13.0	21.29	238.60	Vertical	Vertical	Pass
12429.893	-32.65	32.53	-13.0	19.65	144.50	Vertical	Vertical	Pass
14145.464	-24.94	39.37	-13.0	11.94	1.00	Vertical	Vertical	Pass
14502.874	-25.96	38.63	-13.0	12.96	139.30	Vertical	Vertical	Pass
17496.876	-20.82	43.27	-13.0	7.82	306.70	Vertical	Vertical	Pass

3 LTE B5

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.39.25

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

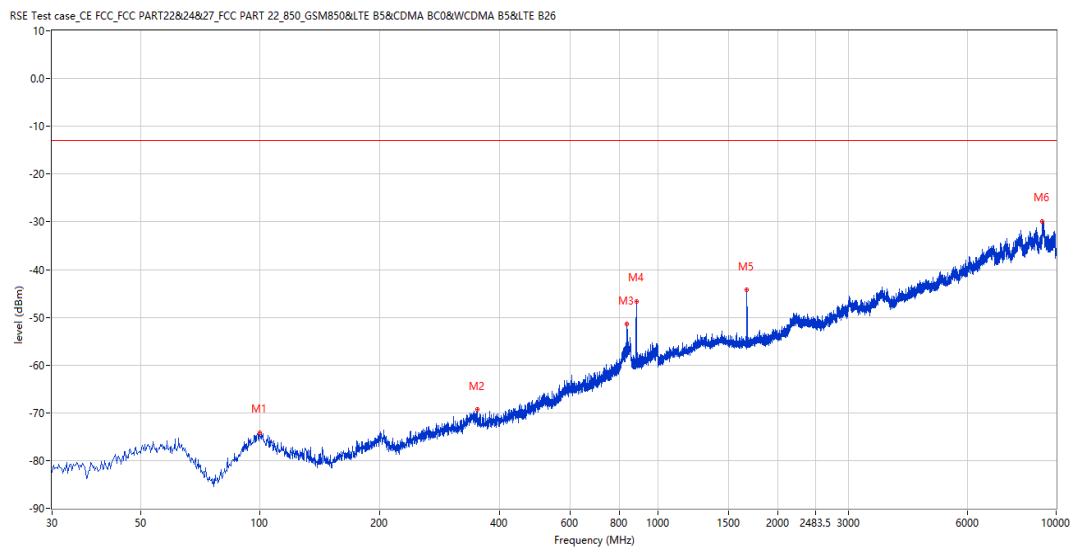
Manufacture: N.A

Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.823	-74.27	-14.06	-13.0	61.27	141.80	Horizontal	Vertical	Pass
350.747	-69.31	-10.39	-13.0	56.31	255.70	Horizontal	Vertical	Pass
835.869	-51.40	2.50	-13.0	38.40	233.00	Horizontal	Vertical	Pass
881.690	-46.74	-0.18	-13.0	33.74	97.20	Horizontal	Vertical	Pass
1671.832	-44.23	-0.91	-13.0	31.23	119.90	Horizontal	Vertical	Pass
9215.696	-29.85	27.79	-13.0	16.85	98.50	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.01.24

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

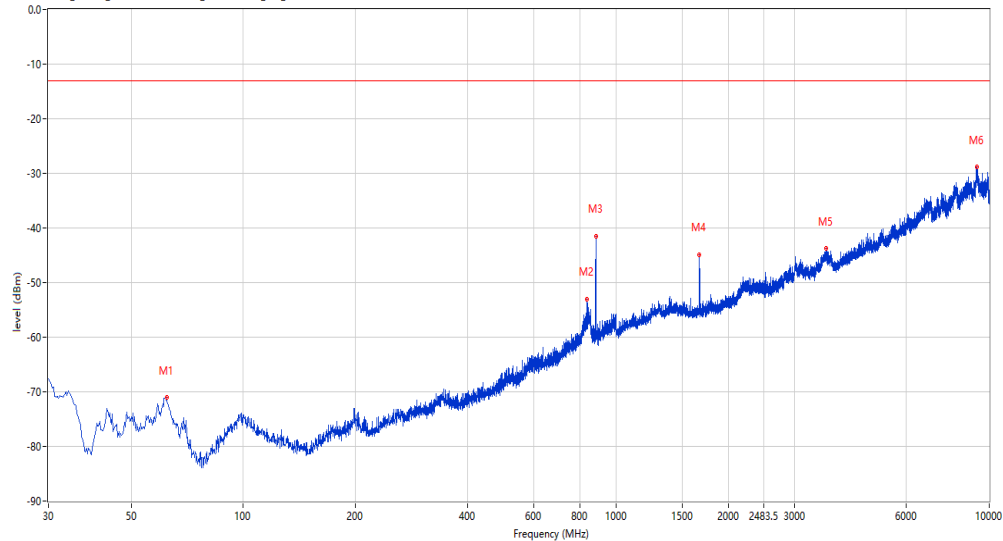
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.244	-71.04	-16.26	-13.0	58.04	171.60	Vertical	Vertical	Pass
835.869	-53.04	2.50	-13.0	40.04	94.20	Vertical	Vertical	Pass
881.205	-41.56	-0.18	-13.0	28.56	333.50	Vertical	Vertical	Pass
1671.832	-44.89	-0.91	-13.0	31.89	171.40	Vertical	Vertical	Pass
3657.836	-43.81	12.07	-13.0	30.81	333.80	Vertical	Vertical	Pass
9286.928	-28.84	29.04	-13.0	15.84	54.90	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.35.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

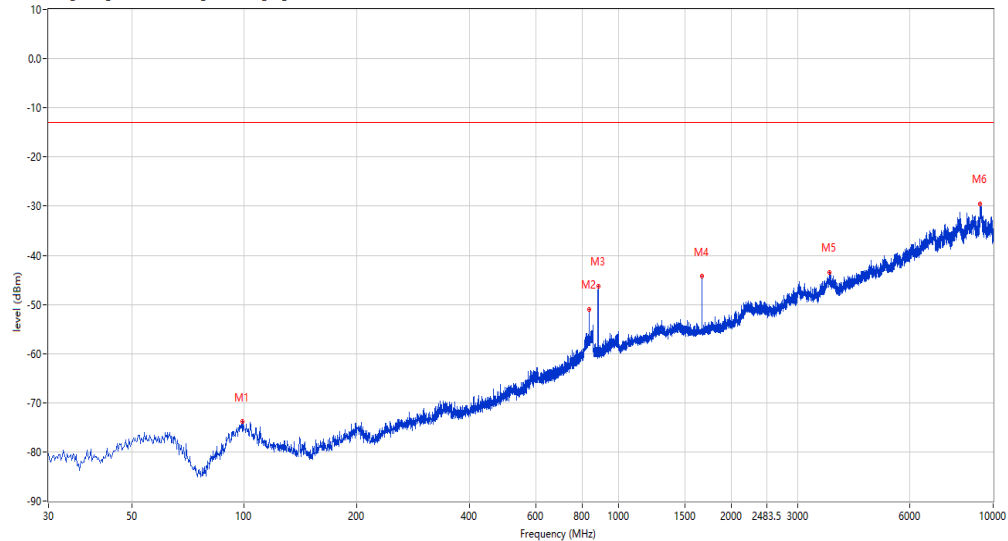
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
98.853	-73.87	-13.87	-13.0	60.87	346.90	Horizontal	Vertical	Pass
835.141	-51.10	2.47	-13.0	38.10	119.50	Horizontal	Vertical	Pass
881.932	-46.35	-0.17	-13.0	33.35	111.30	Horizontal	Vertical	Pass
1669.833	-44.29	-0.88	-13.0	31.29	126.00	Horizontal	Vertical	Pass
3650.837	-43.45	12.06	-13.0	30.45	1.40	Horizontal	Vertical	Pass
9244.939	-29.50	28.04	-13.0	16.50	270.00	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.06.30

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

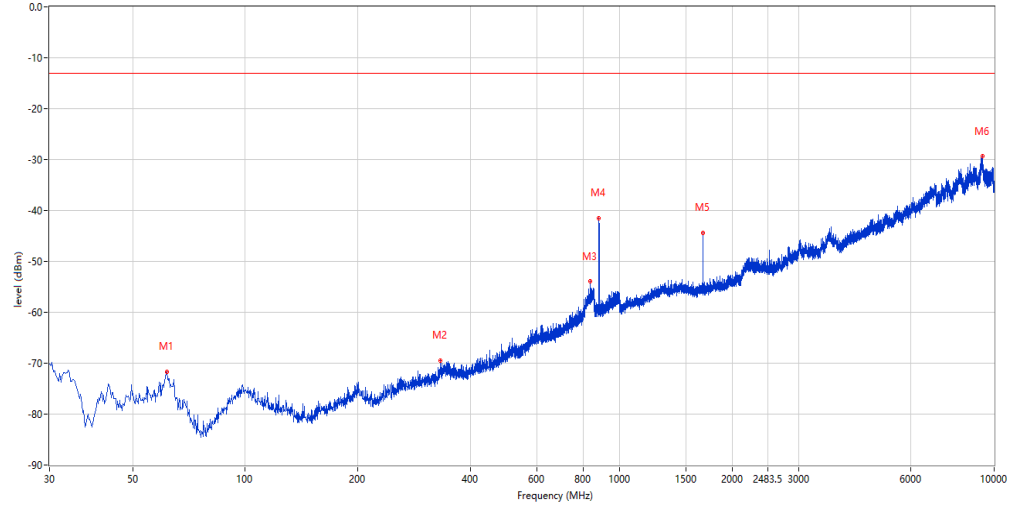
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
61.760	-71.64	-16.23	-13.0	58.64	141.60	Vertical	Vertical	Pass
331.352	-69.51	-10.68	-13.0	56.51	128.90	Vertical	Vertical	Pass
835.141	-53.90	2.47	-13.0	40.90	206.30	Vertical	Vertical	Pass
880.235	-41.55	-0.19	-13.0	28.55	49.60	Vertical	Vertical	Pass
1670.332	-44.34	-0.89	-13.0	31.34	150.50	Vertical	Vertical	Pass
9297.426	-29.38	29.31	-13.0	16.38	196.00	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.32.24

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

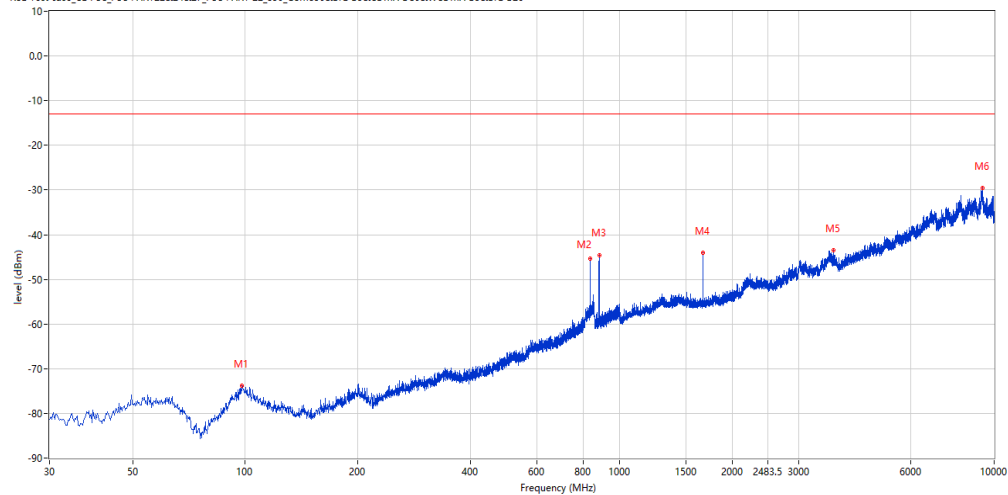
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_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
97.883	-73.76	-13.76	-13.0	60.76	116.20	Horizontal	Vertical	Pass
834.171	-45.30	2.42	-13.0	32.30	104.60	Horizontal	Vertical	Pass
883.144	-44.69	-0.16	-13.0	31.69	107.60	Horizontal	Vertical	Pass
1668.333	-43.98	-0.86	-13.0	30.98	123.00	Horizontal	Vertical	Pass
3714.821	-43.51	11.64	-13.0	30.51	112.70	Horizontal	Vertical	Pass
9311.672	-29.51	29.22	-13.0	16.51	137.90	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.10.09

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

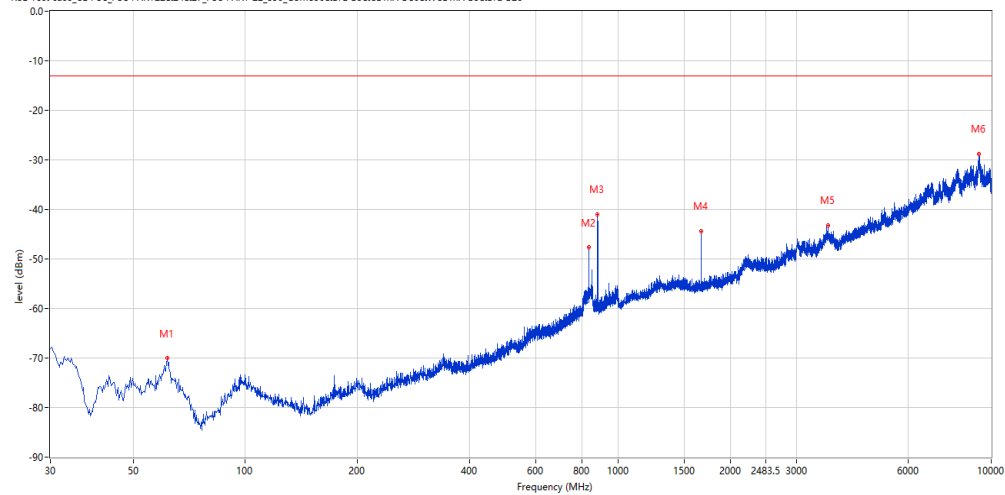
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
61.760	-70.00	-16.23	-13.0	57.00	198.00	Vertical	Vertical	Pass
834.171	-47.70	2.42	-13.0	34.70	101.70	Vertical	Vertical	Pass
880.235	-41.07	-0.19	-13.0	28.07	57.00	Vertical	Vertical	Pass
1668.333	-44.43	-0.86	-13.0	31.43	64.60	Vertical	Vertical	Pass
3652.837	-43.21	12.07	-13.0	30.21	3.40	Vertical	Vertical	Pass
9286.928	-28.84	29.04	-13.0	15.84	1.00	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.28.42

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

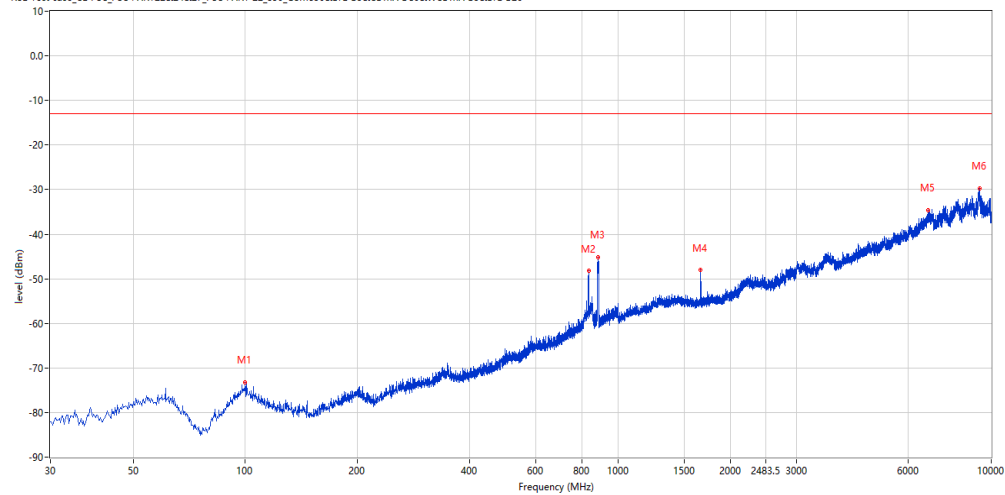
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
99.823	-73.15	-14.06	-13.0	60.15	83.30	Horizontal	Vertical	Pass
831.990	-48.22	2.32	-13.0	35.22	135.40	Horizontal	Vertical	Pass
884.356	-45.17	-0.15	-13.0	32.17	122.40	Horizontal	Vertical	Pass
1663.834	-48.07	-0.79	-13.0	35.07	119.60	Horizontal	Vertical	Pass
6775.056	-34.63	19.22	-13.0	21.63	61.40	Horizontal	Vertical	Pass
9292.177	-29.79	29.18	-13.0	16.79	165.40	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.16.27

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

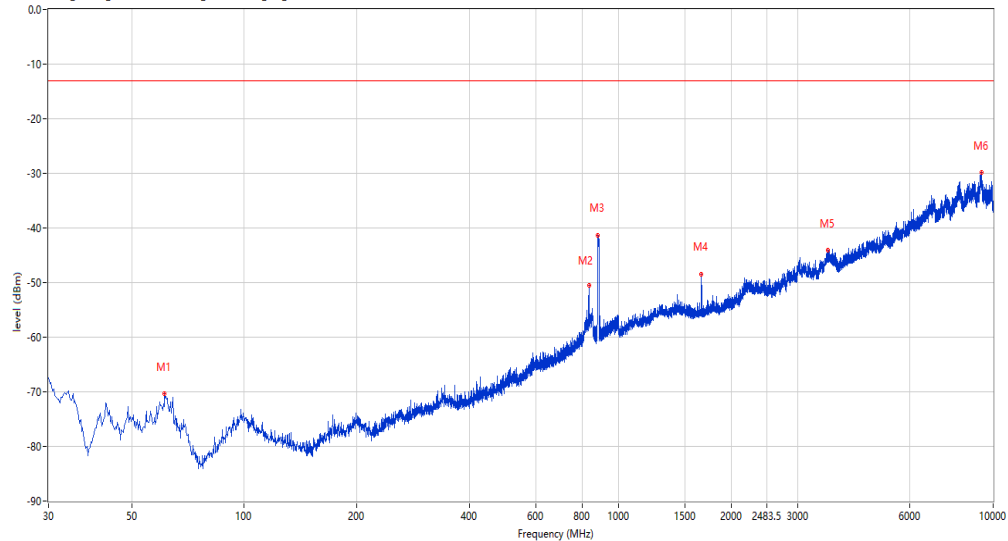
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
61.275	-70.41	-16.29	-13.0	57.41	166.30	Vertical	Vertical	Pass
831.990	-50.52	2.32	-13.0	37.52	108.60	Vertical	Vertical	Pass
879.023	-41.37	-0.17	-13.0	28.37	66.60	Vertical	Vertical	Pass
1663.834	-48.43	-0.79	-13.0	35.43	142.00	Vertical	Vertical	Pass
3622.844	-44.09	12.16	-13.0	31.09	258.20	Vertical	Vertical	Pass
9297.426	-29.79	29.31	-13.0	16.79	200.80	Vertical	Vertical	Pass

4 LTE B7

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.44.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

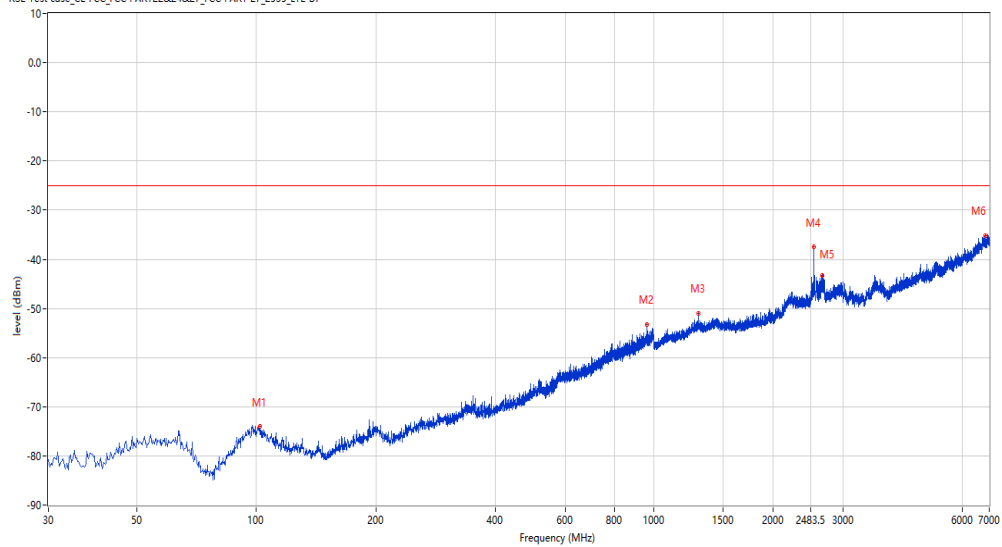
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
102.247	-74.09	-14.17	-25.0	49.09	47.30	Horizontal	Vertical	Pass
962.664	-53.19	3.07	-25.0	28.19	147.40	Horizontal	Vertical	Pass
1296.426	-50.98	1.49	-25.0	25.98	358.70	Horizontal	Vertical	Pass
2532.617	-37.50	9.88	-25.0	12.50	124.50	Horizontal	Vertical	Pass
2659.085	-43.25	10.79	-25.0	18.25	89.10	Horizontal	Vertical	Pass
6846.038	-35.19	19.29	-25.0	10.19	1.60	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.47.44

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

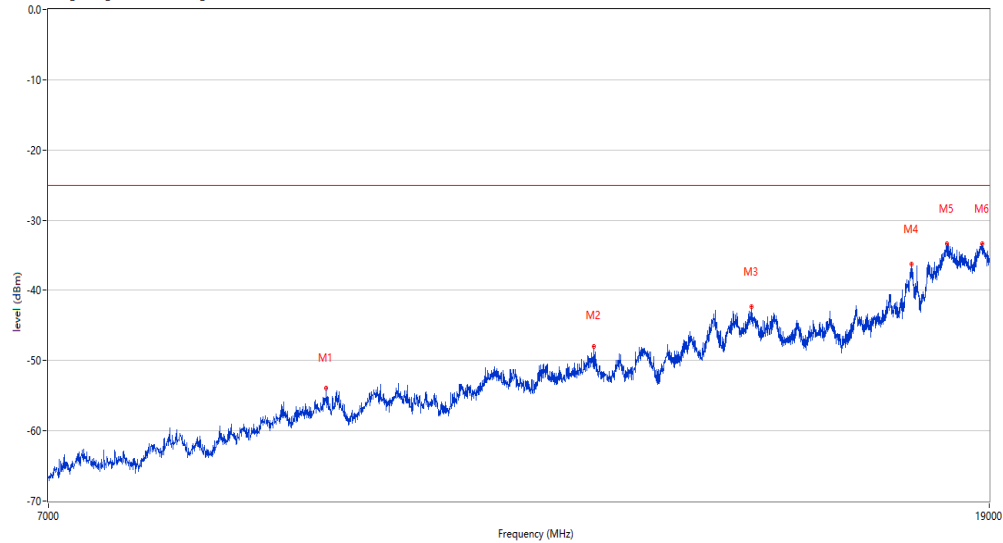
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9399.400	-53.96	18.16	-25.0	28.96	54.90	Horizontal	Vertical	Pass
12491.627	-47.94	22.12	-25.0	22.94	198.90	Horizontal	Vertical	Pass
14759.060	-42.26	29.31	-25.0	17.26	336.00	Horizontal	Vertical	Pass
17491.377	-36.21	34.99	-25.0	11.21	305.40	Horizontal	Vertical	Pass
18166.208	-33.39	36.23	-25.0	8.39	239.10	Horizontal	Vertical	Pass
18865.034	-33.33	37.14	-25.0	8.33	216.40	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_18.03.59

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

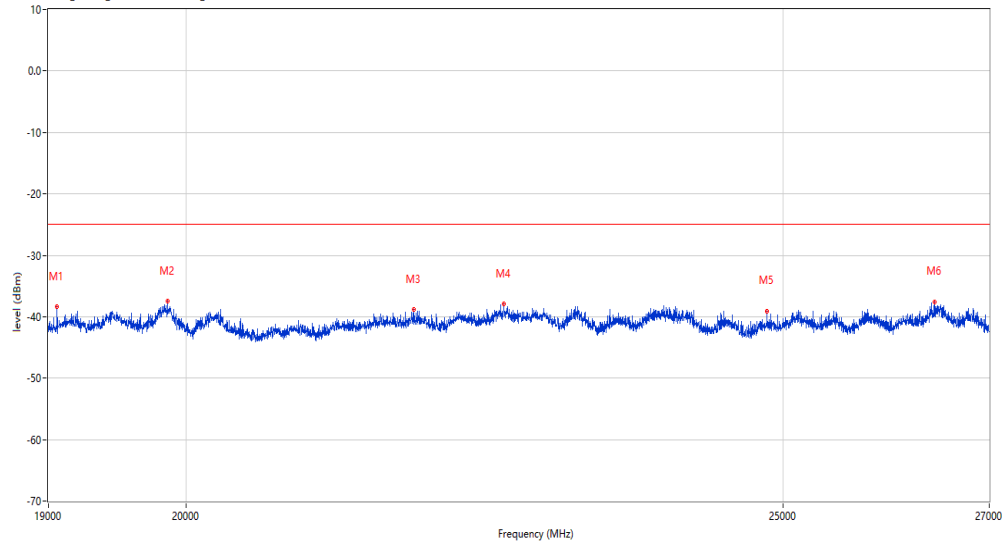
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19061.985	-38.41	14.87	-25.0	13.41	261.40	Horizontal	Vertical	Pass
19865.784	-37.45	14.36	-25.0	12.45	241.70	Horizontal	Vertical	Pass
21775.306	-38.75	15.19	-25.0	13.75	227.60	Horizontal	Vertical	Pass
22523.119	-37.92	15.77	-25.0	12.92	227.60	Horizontal	Vertical	Pass
24848.538	-39.11	14.61	-25.0	14.11	168.00	Horizontal	Vertical	Pass
26458.135	-37.56	15.93	-25.0	12.56	269.60	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_15.19.23

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

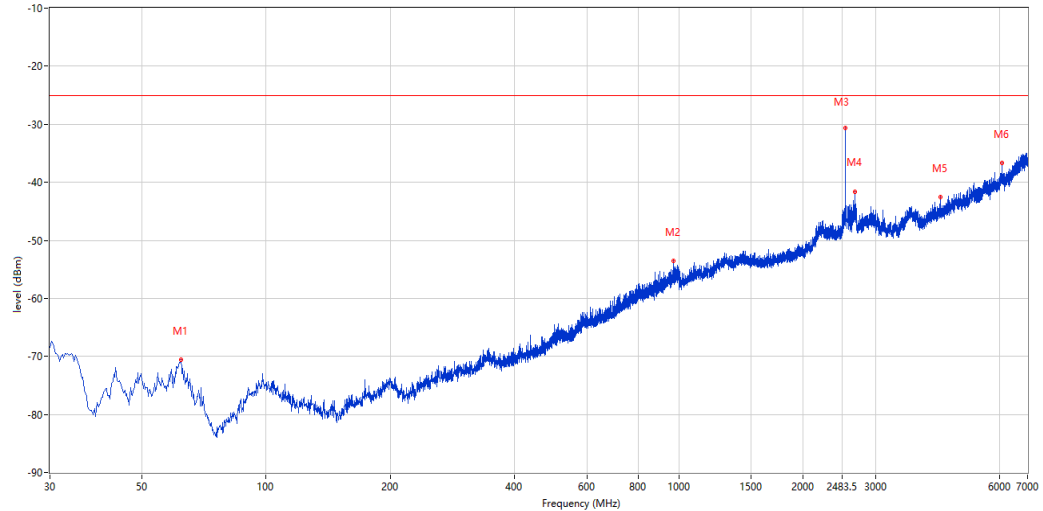
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_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
62.244	-70.61	-15.94	-25.0	45.61	197.80	Vertical	Vertical	Pass
972.362	-53.61	3.21	-25.0	28.61	14.00	Vertical	Vertical	Pass
2532.617	-30.61	9.88	-25.0	5.61	1.60	Vertical	Vertical	Pass
2676.081	-41.58	10.83	-25.0	16.58	5.30	Vertical	Vertical	Pass
4303.674	-42.51	12.34	-25.0	17.51	123.40	Vertical	Vertical	Pass
6066.233	-36.66	16.90	-25.0	11.66	129.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.02.14

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

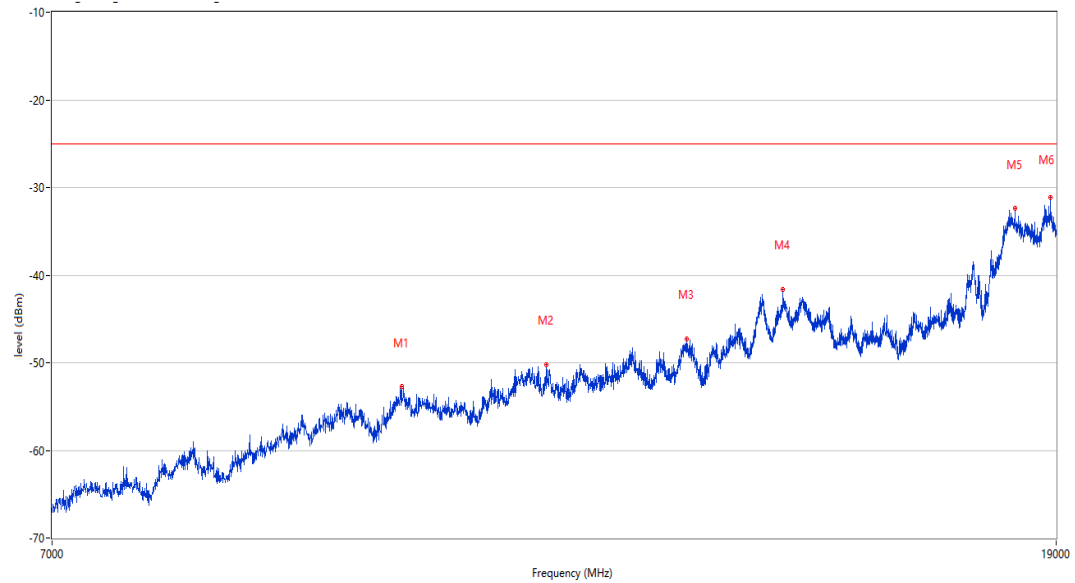
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART2&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9912.272	-52.73	19.97	-25.0	27.73	16.60	Vertical	Vertical	Pass
11444.889	-50.24	21.71	-25.0	25.24	1.30	Vertical	Vertical	Pass
13154.461	-47.25	24.30	-25.0	22.25	271.90	Vertical	Vertical	Pass
14474.131	-41.60	28.75	-25.0	16.60	187.00	Vertical	Vertical	Pass
18235.191	-32.43	37.09	-25.0	7.43	77.60	Vertical	Vertical	Pass
18889.028	-31.10	37.94	-25.0	6.10	37.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.42.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

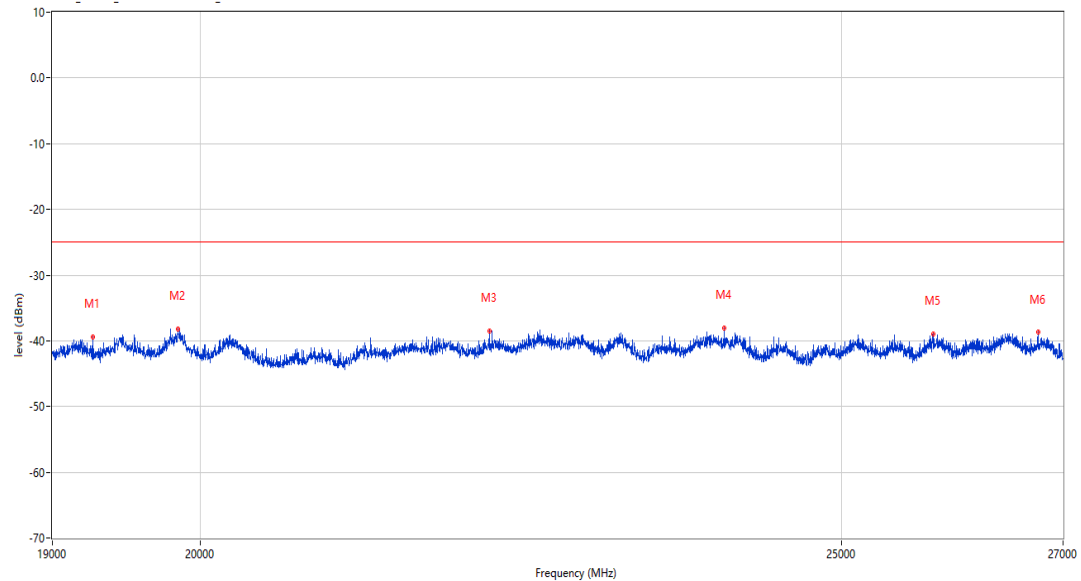
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19271.932	-39.42	14.05	-25.0	14.42	330.70	Vertical	Vertical	Pass
19845.789	-38.15	14.02	-25.0	13.15	271.00	Vertical	Vertical	Pass
22117.221	-38.54	14.98	-25.0	13.54	355.20	Vertical	Vertical	Pass
24000.750	-38.01	16.34	-25.0	13.01	12.40	Vertical	Vertical	Pass
25808.298	-39.04	14.74	-25.0	14.04	358.60	Vertical	Vertical	Pass
26766.058	-38.68	15.26	-25.0	13.68	181.70	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.48.19

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

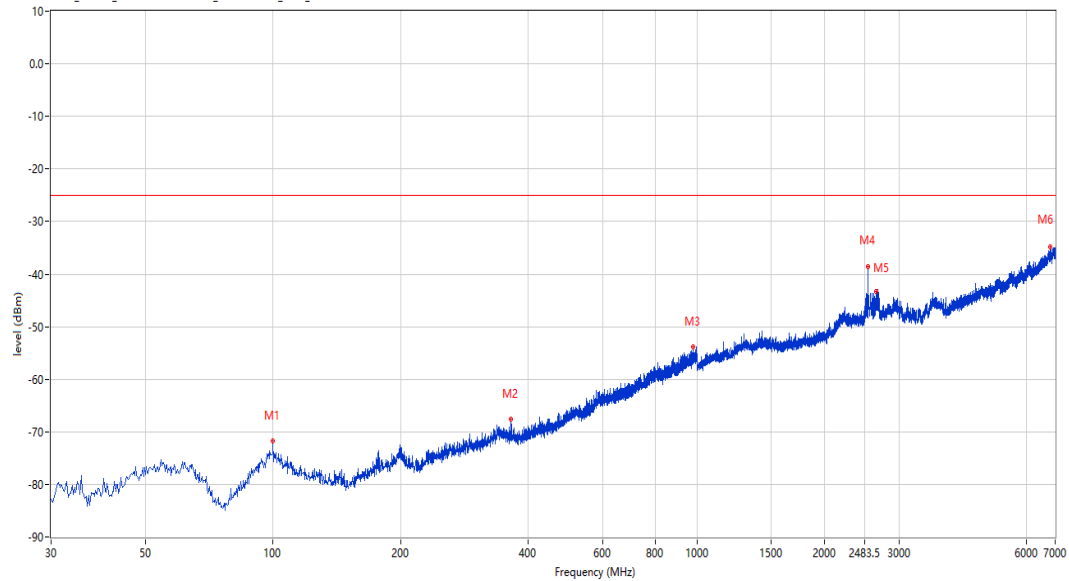
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_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
100.065	-71.82	-13.67	-25.0	46.82	68.60	Horizontal	Vertical	Pass
365.051	-67.58	-9.91	-25.0	42.58	92.40	Horizontal	Vertical	Pass
979.635	-53.93	3.36	-25.0	28.93	171.30	Horizontal	Vertical	Pass
2530.617	-38.52	9.85	-25.0	13.52	153.30	Horizontal	Vertical	Pass
2649.088	-43.33	10.75	-25.0	18.33	13.40	Horizontal	Vertical	Pass
6821.045	-34.84	19.12	-25.0	9.84	215.30	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.50.02

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

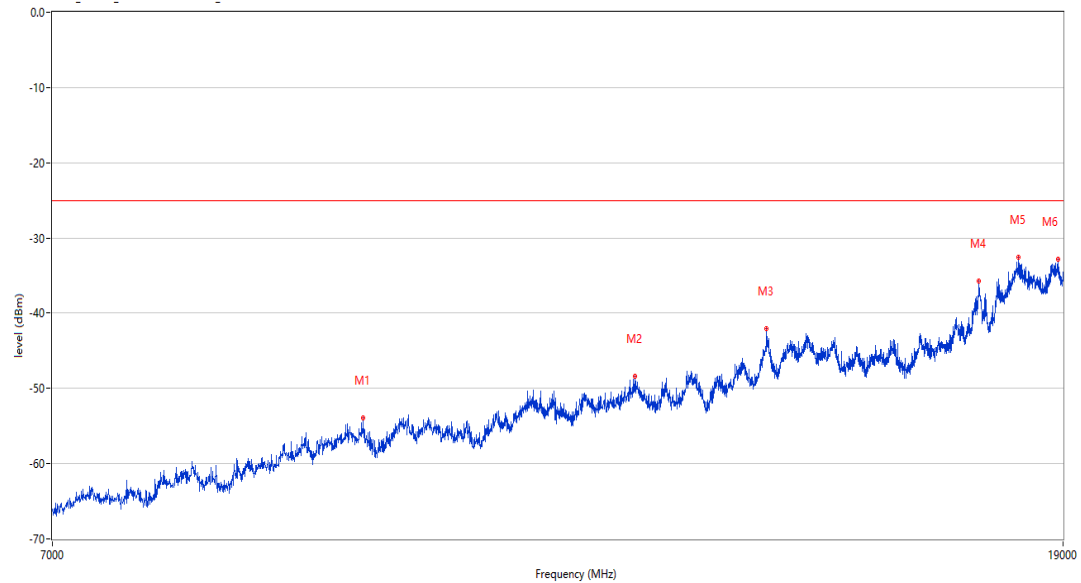
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 87 838 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9516.371	-53.94	18.33	-25.0	28.94	338.30	Horizontal	Vertical	Pass
12443.639	-48.33	22.48	-25.0	23.33	29.10	Horizontal	Vertical	Pass
14177.206	-42.06	29.15	-25.0	17.06	303.30	Horizontal	Vertical	Pass
17488.378	-35.70	34.93	-25.0	10.70	261.70	Horizontal	Vertical	Pass
18187.203	-32.50	36.26	-25.0	7.50	274.30	Horizontal	Vertical	Pass
18904.024	-32.83	37.19	-25.0	7.83	180.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_18.02.13

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

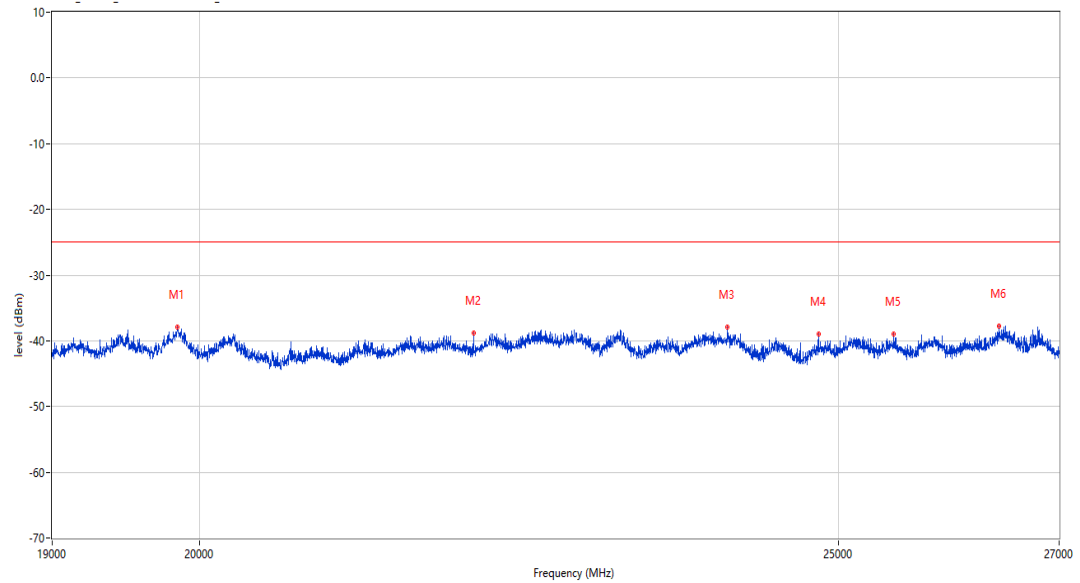
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19845.789	-37.97	14.33	-25.0	12.97	342.80	Horizontal	Vertical	Pass
22009.248	-38.78	15.26	-25.0	13.78	112.40	Horizontal	Vertical	Pass
24046.738	-37.90	16.38	-25.0	12.90	134.40	Horizontal	Vertical	Pass
24824.544	-38.90	14.51	-25.0	13.90	254.20	Horizontal	Vertical	Pass
25484.379	-39.02	15.30	-25.0	14.02	63.60	Horizontal	Vertical	Pass
26440.140	-37.80	15.88	-25.0	12.80	101.60	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_15.12.11

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

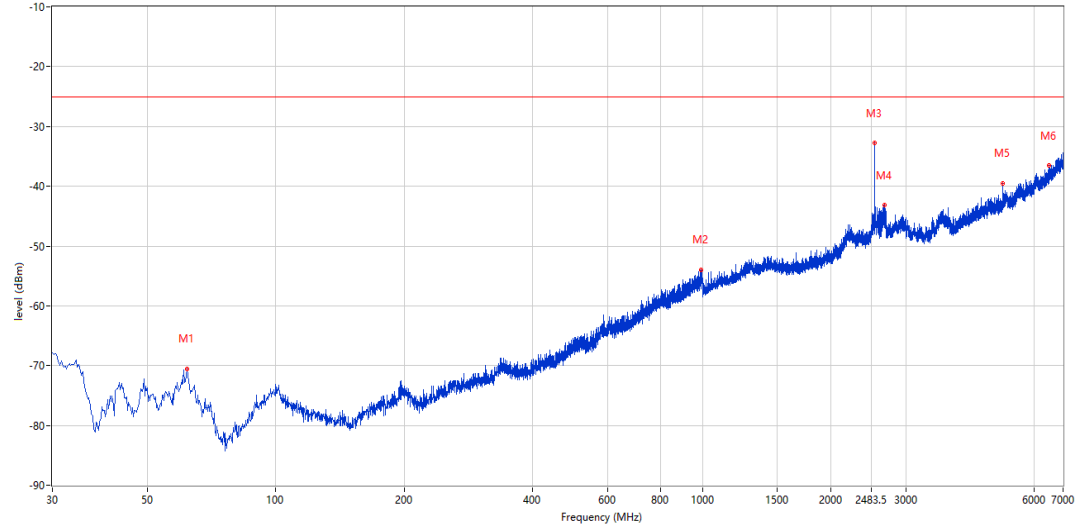
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_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
62.002	-70.51	-15.89	-25.0	45.51	205.60	Vertical	Vertical	Pass
992.727	-53.94	3.69	-25.0	28.94	41.80	Vertical	Vertical	Pass
2530.617	-32.81	9.85	-25.0	7.81	1.50	Vertical	Vertical	Pass
2677.081	-43.21	10.83	-25.0	18.21	267.50	Vertical	Vertical	Pass
5060.485	-39.55	13.89	-25.0	14.55	158.40	Vertical	Vertical	Pass
6482.129	-36.47	17.79	-25.0	11.47	101.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.57.11

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9891.277	-52.31	19.73	-25.0	27.31	47.70	Vertical	Vertical	Pass
12440.640	-48.47	22.63	-25.0	23.47	56.20	Vertical	Vertical	Pass
14165.209	-42.46	29.87	-25.0	17.46	286.60	Vertical	Vertical	Pass
14780.055	-42.25	29.49	-25.0	17.25	169.40	Vertical	Vertical	Pass
18145.214	-32.21	36.98	-25.0	7.21	15.70	Vertical	Vertical	Pass
18832.042	-32.16	37.86	-25.0	7.16	210.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.45.07

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

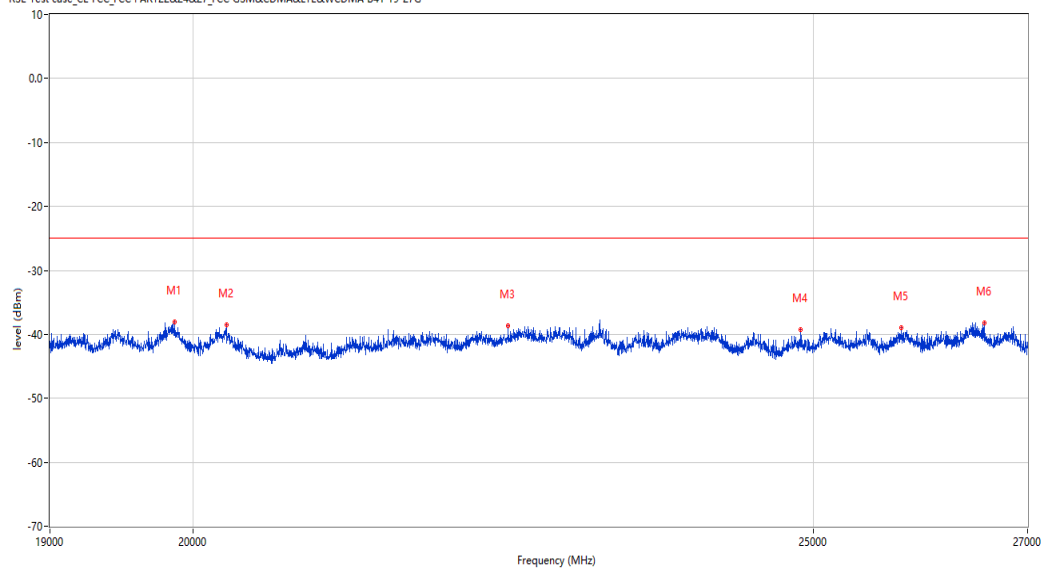
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CCE 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
19873.782	-38.12	14.06	-25.0	13.12	263.90	Vertical	Vertical	Pass
20245.689	-38.57	13.79	-25.0	13.57	246.40	Vertical	Vertical	Pass
22399.150	-38.66	15.22	-25.0	13.66	289.20	Vertical	Vertical	Pass
24886.528	-39.21	14.42	-25.0	14.21	10.50	Vertical	Vertical	Pass
25802.299	-38.90	14.75	-25.0	13.90	57.70	Vertical	Vertical	Pass
26582.104	-38.24	15.42	-25.0	13.24	175.30	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.52.31

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

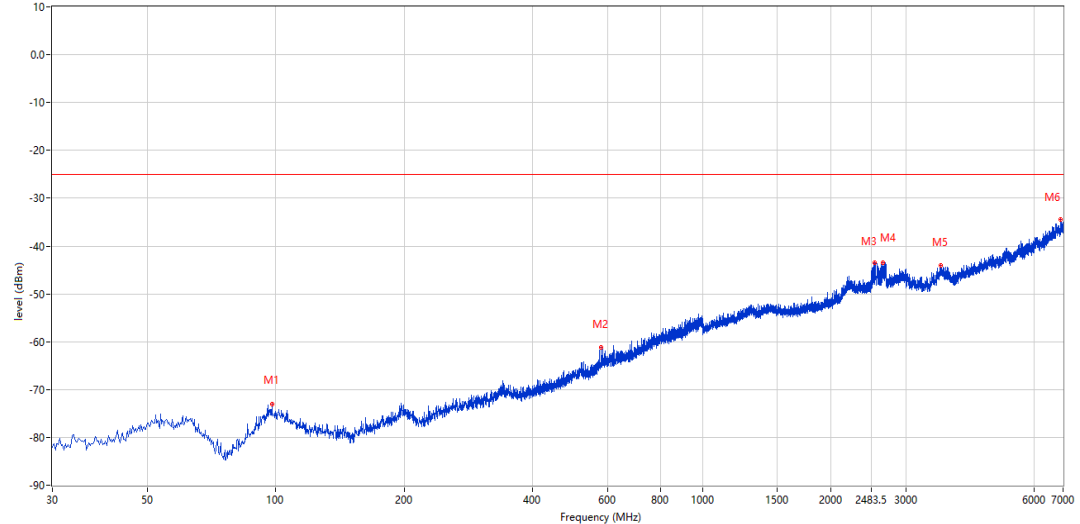
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_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
98.125	-73.02	-13.30	-25.0	48.02	304.10	Horizontal	Vertical	Pass
579.125	-61.25	-3.96	-25.0	36.25	108.40	Horizontal	Vertical	Pass
2528.118	-43.53	9.81	-25.0	18.53	118.50	Horizontal	Vertical	Pass
2649.588	-43.41	10.76	-25.0	18.41	326.20	Horizontal	Vertical	Pass
3624.844	-44.11	12.18	-25.0	19.11	19.30	Horizontal	Vertical	Pass
6922.019	-34.35	19.07	-25.0	9.35	31.60	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.51.47

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

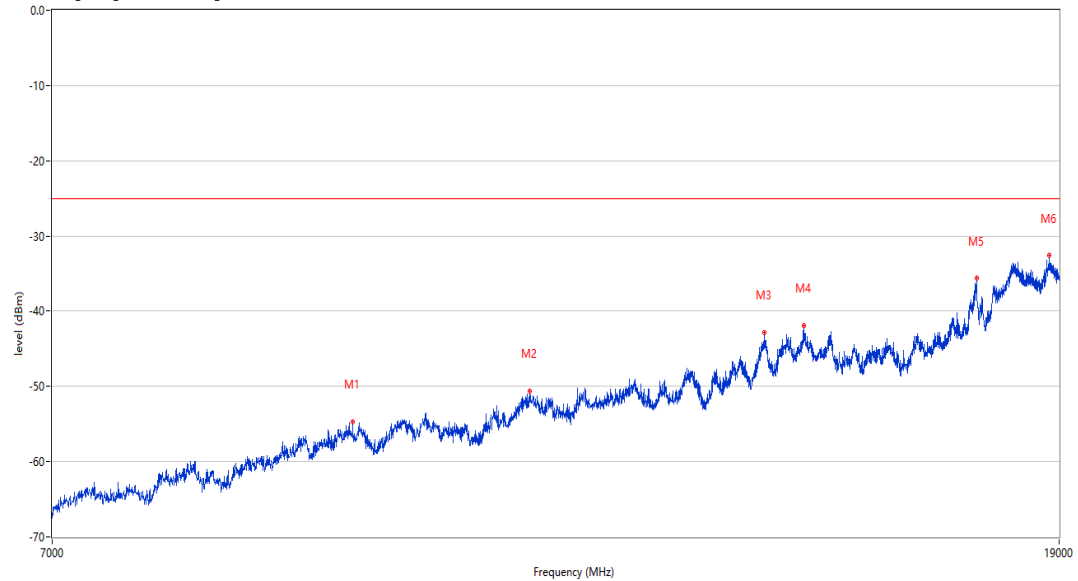
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA 87 838 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9429.393	-54.68	17.41	-25.0	29.68	50.60	Horizontal	Vertical	Pass
11243.939	-50.63	21.33	-25.0	25.63	292.50	Horizontal	Vertical	Pass
14183.204	-42.86	29.32	-25.0	17.86	146.20	Horizontal	Vertical	Pass
14750.062	-41.94	29.31	-25.0	16.94	123.50	Horizontal	Vertical	Pass
17503.374	-35.62	34.95	-25.0	10.62	158.10	Horizontal	Vertical	Pass
18814.046	-32.63	37.07	-25.0	7.63	358.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_18.00.46

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

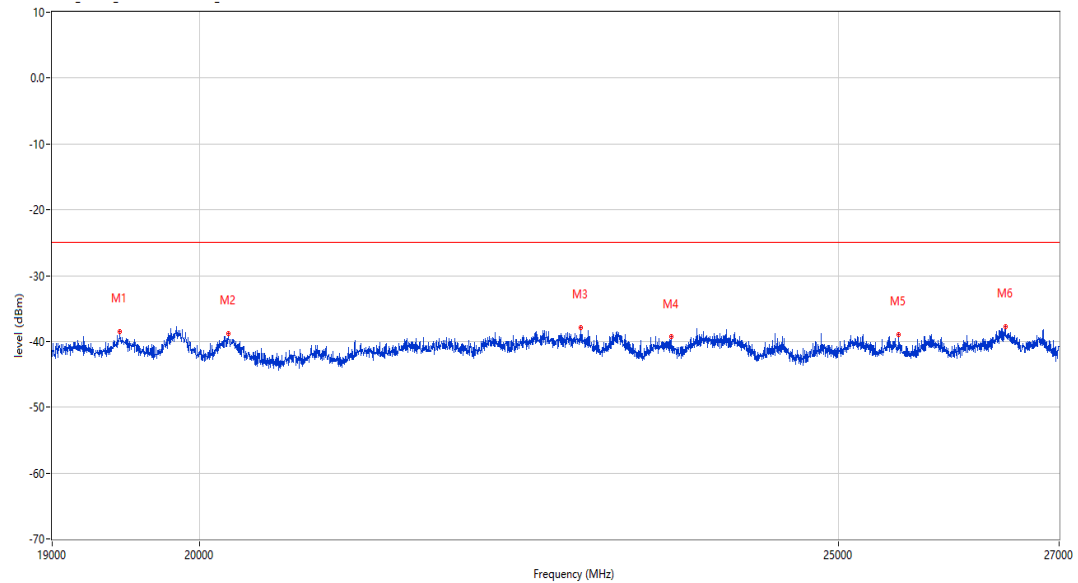
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19453.887	-38.49	14.01	-25.0	13.49	17.10	Horizontal	Vertical	Pass
20203.699	-38.79	14.12	-25.0	13.79	103.00	Horizontal	Vertical	Pass
22847.038	-37.92	15.59	-25.0	12.92	132.80	Horizontal	Vertical	Pass
23580.855	-39.30	15.17	-25.0	14.30	260.90	Horizontal	Vertical	Pass
25530.367	-38.95	15.26	-25.0	13.95	139.10	Horizontal	Vertical	Pass
26500.125	-37.69	16.04	-25.0	12.69	305.60	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_15.08.10

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

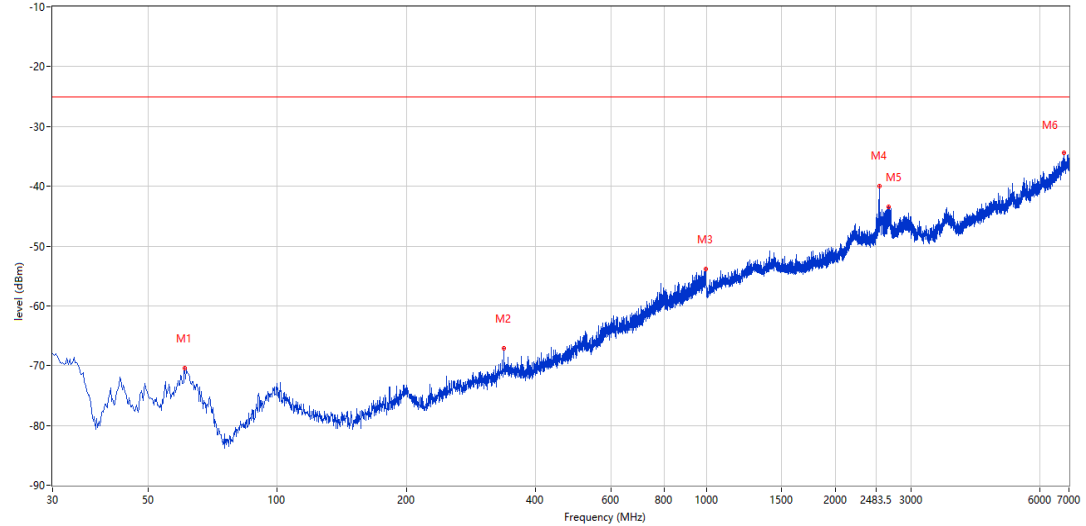
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_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
61.032	-70.43	-16.01	-25.0	45.43	156.10	Vertical	Vertical	Pass
337.413	-67.09	-9.22	-25.0	42.09	129.70	Vertical	Vertical	Pass
998.060	-53.86	3.82	-25.0	28.86	121.10	Vertical	Vertical	Pass
2528.118	-39.93	9.81	-25.0	14.93	352.60	Vertical	Vertical	Pass
2657.586	-43.41	10.79	-25.0	18.41	132.70	Vertical	Vertical	Pass
6830.042	-34.44	19.18	-25.0	9.44	288.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.55.42

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

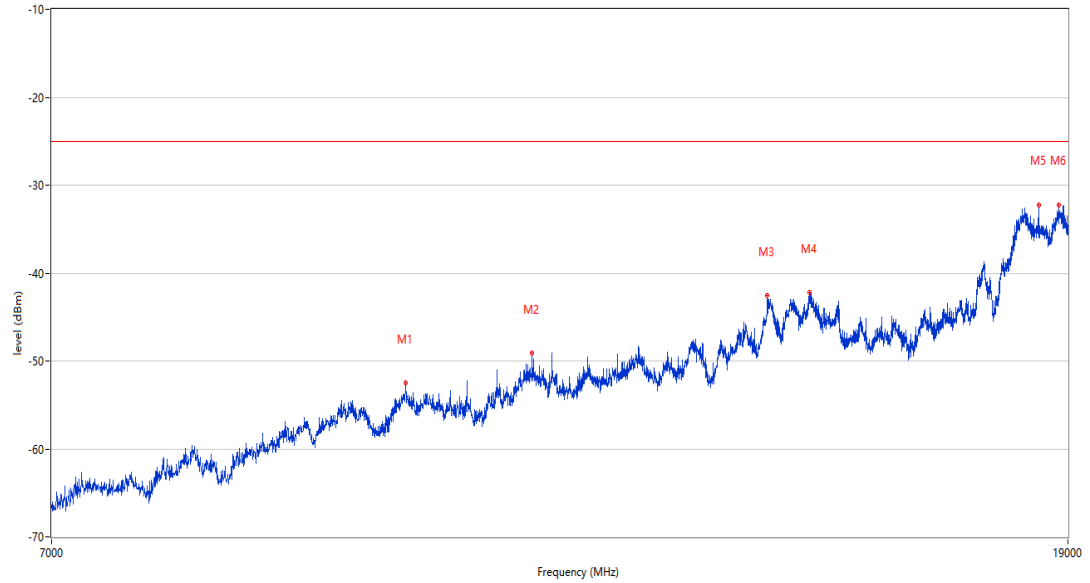
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9915.271	-52.53	19.98	-25.0	27.53	148.20	Vertical	Vertical	Pass
11225.944	-49.13	21.26	-25.0	24.13	79.70	Vertical	Vertical	Pass
14141.215	-42.57	29.21	-25.0	17.57	323.50	Vertical	Vertical	Pass
14735.066	-42.20	29.43	-25.0	17.20	37.30	Vertical	Vertical	Pass
18469.133	-32.27	37.40	-25.0	7.27	259.10	Vertical	Vertical	Pass
18835.041	-32.21	37.87	-25.0	7.21	43.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.47.10

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

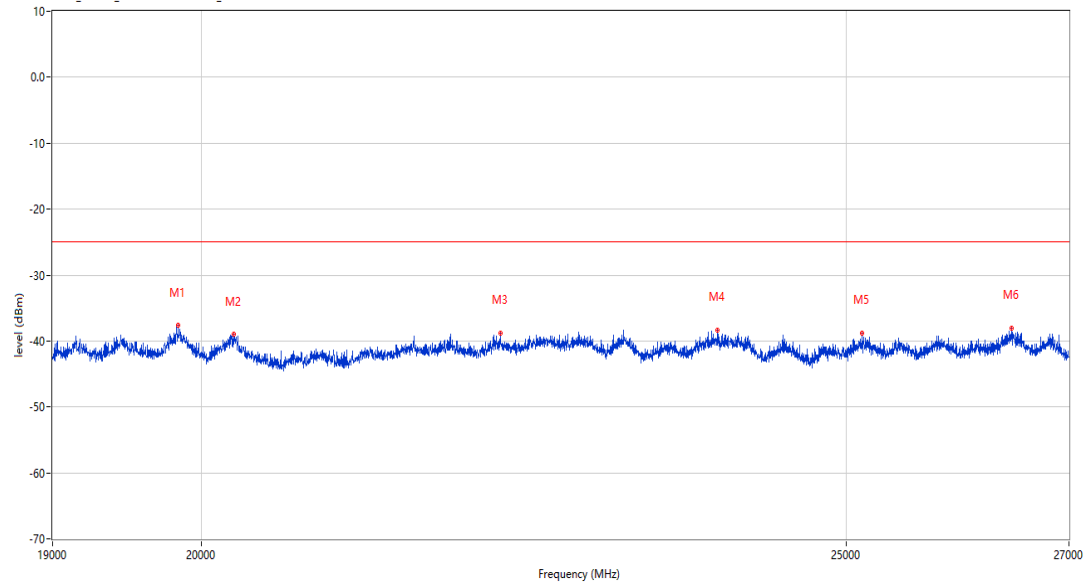
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19841.790	-37.67	14.01	-25.0	12.67	202.40	Vertical	Vertical	Pass
20225.694	-39.03	13.83	-25.0	14.03	297.00	Vertical	Vertical	Pass
22183.204	-38.80	15.03	-25.0	13.80	17.90	Vertical	Vertical	Pass
23910.772	-38.31	16.00	-25.0	13.31	272.00	Vertical	Vertical	Pass
25136.466	-38.83	14.88	-25.0	13.83	190.50	Vertical	Vertical	Pass
26472.132	-38.00	15.43	-25.0	13.00	257.50	Vertical	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-01-30_14.58.20

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

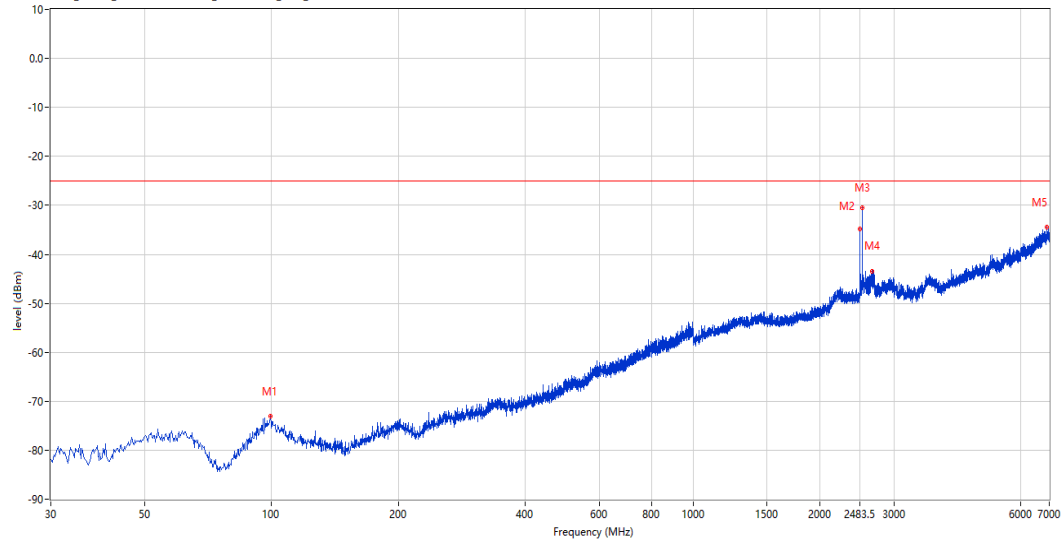
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case FCC_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
99.580	-73.13	-13.57	-25.0	48.13	0.20	Horizontal	Vertical	Pass
2490.127	-34.83	9.50	-25.0	9.83	117.80	Horizontal	Vertical	Pass
2525.619	-30.48	9.77	-25.0	5.48	120.80	Horizontal	Vertical	Pass
2663.584	-43.48	10.80	-25.0	18.48	189.60	Horizontal	Vertical	Pass
6912.022	-34.49	18.95	-25.0	9.49	220.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.53.16

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

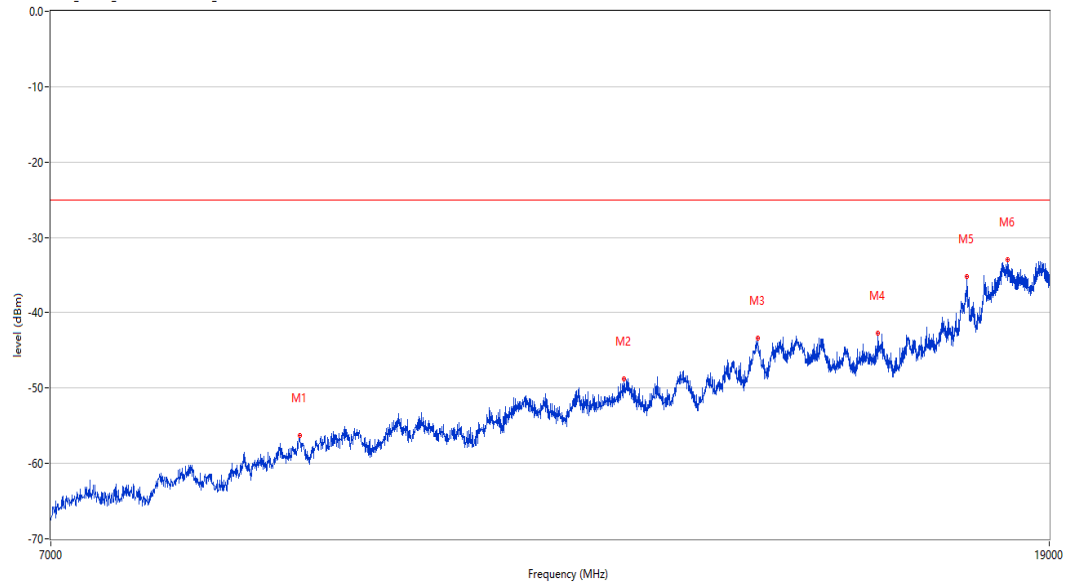
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
8979.505	-56.33	18.46	-25.0	31.33	268.40	Horizontal	Vertical	Pass
12416.646	-48.73	22.23	-25.0	23.73	127.30	Horizontal	Vertical	Pass
14195.201	-43.39	29.27	-25.0	18.39	360.00	Horizontal	Vertical	Pass
16009.748	-42.71	27.47	-25.0	17.71	206.20	Horizontal	Vertical	Pass
17500.375	-35.24	35.14	-25.0	10.24	295.20	Horizontal	Vertical	Pass
18226.193	-32.93	36.31	-25.0	7.93	136.30	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-28_17.59.03

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

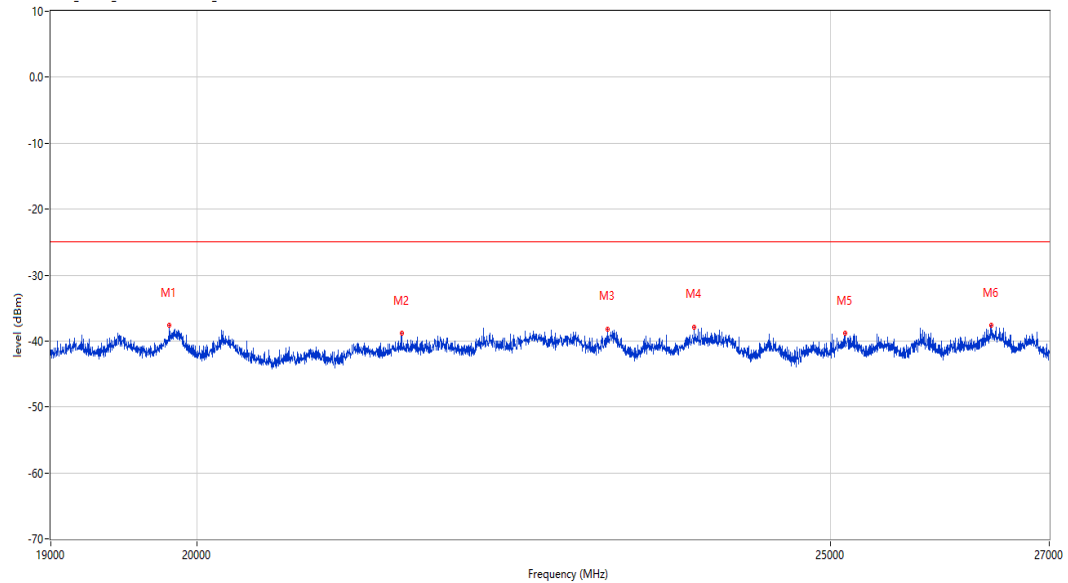
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19809.798	-37.67	14.29	-25.0	12.67	9.10	Horizontal	Vertical	Pass
21497.376	-38.81	15.11	-25.0	13.81	278.60	Horizontal	Vertical	Pass
23110.972	-38.22	15.36	-25.0	13.22	356.60	Horizontal	Vertical	Pass
23826.793	-37.85	16.07	-25.0	12.85	59.30	Horizontal	Vertical	Pass
25126.468	-38.89	15.22	-25.0	13.89	75.30	Horizontal	Vertical	Pass
26456.136	-37.67	15.92	-25.0	12.67	360.20	Horizontal	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-02-08_09:36:06

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

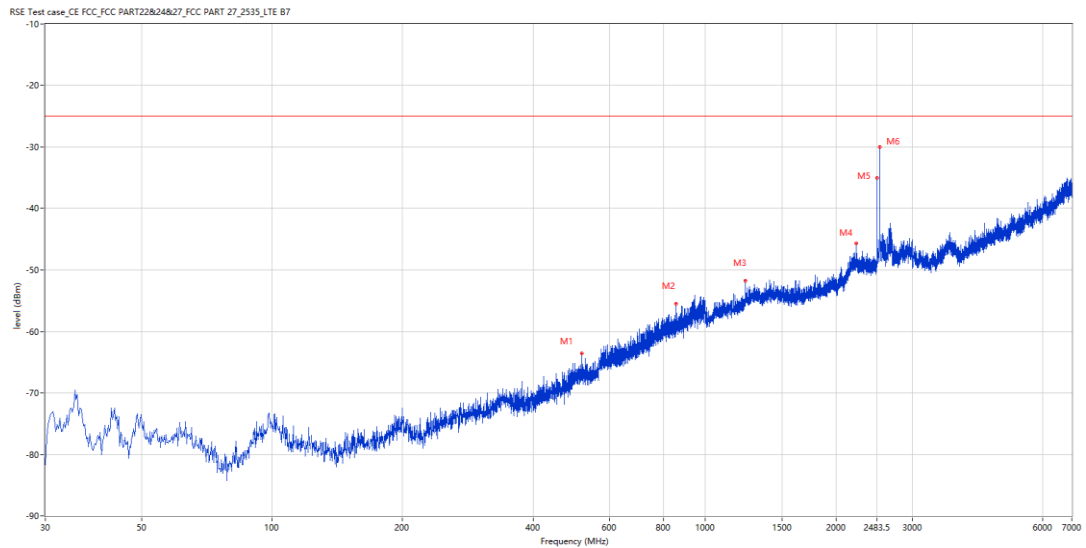
Manufacture: N.A

Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
519.122	-63.59	-5.71	-25.0	38.59	277.20	Vertical	Vertical	Pass
855.713	-55.46	1.05	-25.0	30.46	351.60	Vertical	Vertical	Pass
1237.000	-51.74	0.52	-25.0	26.74	155.80	Vertical	Vertical	Pass
2231.000	-45.67	6.82	-25.0	20.67	227.90	Vertical	Vertical	Pass
2490.500	-35.02	9.50	-25.0	10.02	320.60	Vertical	Vertical	Pass
2526.500	-29.96	9.79	-25.0	4.96	320.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.53.59

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9300.425	-54.08	18.18	-25.0	29.08	154.90	Vertical	Vertical	Pass
11249.938	-50.56	21.63	-25.0	25.56	219.70	Vertical	Vertical	Pass
14171.207	-42.29	29.99	-25.0	17.29	216.70	Vertical	Vertical	Pass
14750.062	-41.65	29.82	-25.0	16.65	210.00	Vertical	Vertical	Pass
18169.208	-32.78	37.01	-25.0	7.78	76.70	Vertical	Vertical	Pass
18883.029	-31.29	37.93	-25.0	6.29	346.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_09.49.46

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

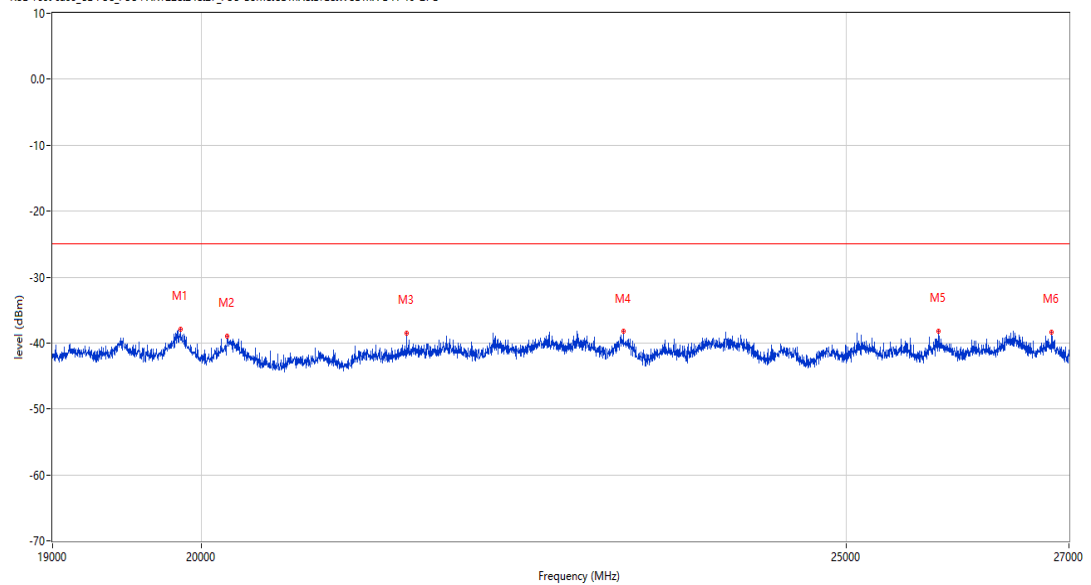
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19859.785	-37.84	14.04	-25.0	12.84	17.60	Vertical	Vertical	Pass
20181.705	-39.03	13.91	-25.0	14.03	78.60	Vertical	Vertical	Pass
21473.382	-38.54	14.69	-25.0	13.54	359.30	Vertical	Vertical	Pass
23146.963	-38.18	14.92	-25.0	13.18	202.50	Vertical	Vertical	Pass
25812.297	-38.15	14.74	-25.0	13.15	145.60	Vertical	Vertical	Pass
26838.040	-38.31	15.20	-25.0	13.31	304.90	Vertical	Vertical	Pass

5 LTE B38

5.1 LTE-B38-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.22.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

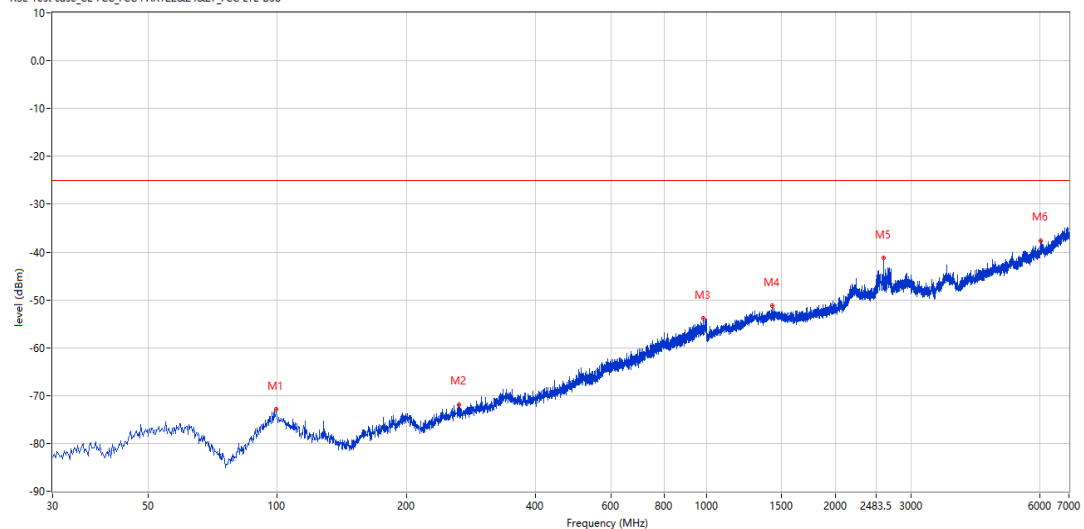
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.580	-72.90	-13.57	-25.0	47.90	20.20	Horizontal	Vertical	Pass
265.651	-71.92	-12.58	-25.0	46.92	60.00	Horizontal	Vertical	Pass
985.211	-53.87	3.50	-25.0	28.87	342.80	Horizontal	Vertical	Pass
1423.394	-51.26	1.75	-25.0	26.26	320.70	Horizontal	Vertical	Pass
2592.602	-41.19	10.00	-25.0	16.19	80.70	Horizontal	Vertical	Pass
6015.246	-37.71	16.41	-25.0	12.71	8.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.42.34

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27 FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9951.262	-52.66	18.57	-25.0	27.66	162.10	Horizontal	Vertical	Pass
11252.937	-49.64	21.48	-25.0	24.64	261.50	Horizontal	Vertical	Pass
14771.057	-42.02	29.13	-25.0	17.02	46.00	Horizontal	Vertical	Pass
17491.377	-36.58	34.99	-25.0	11.58	229.10	Horizontal	Vertical	Pass
18172.207	-32.98	36.24	-25.0	7.98	256.30	Horizontal	Vertical	Pass
18868.033	-32.83	37.14	-25.0	7.83	235.10	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.29.18

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

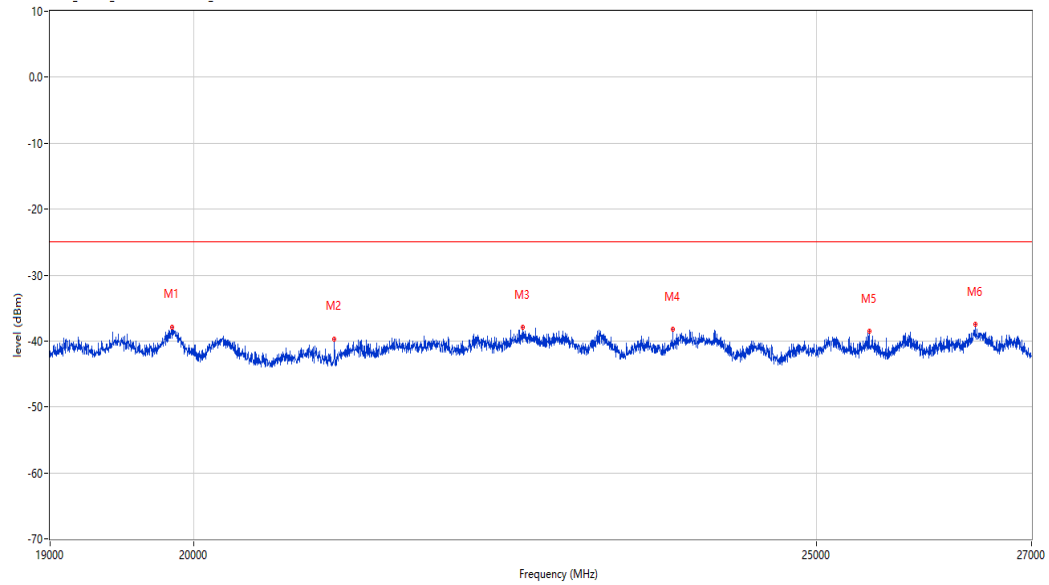
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19845.789	-37.83	14.33	-25.0	12.83	103.50	Horizontal	Vertical	Pass
21035.491	-39.72	13.86	-25.0	14.72	299.30	Horizontal	Vertical	Pass
22505.124	-37.97	15.78	-25.0	12.97	155.60	Horizontal	Vertical	Pass
23744.814	-38.17	15.77	-25.0	13.17	321.60	Horizontal	Vertical	Pass
25478.380	-38.59	15.30	-25.0	13.59	357.20	Horizontal	Vertical	Pass
26464.134	-37.43	15.95	-25.0	12.43	217.40	Horizontal	Vertical	Pass

5.2 LTE-B38-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_15.35.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

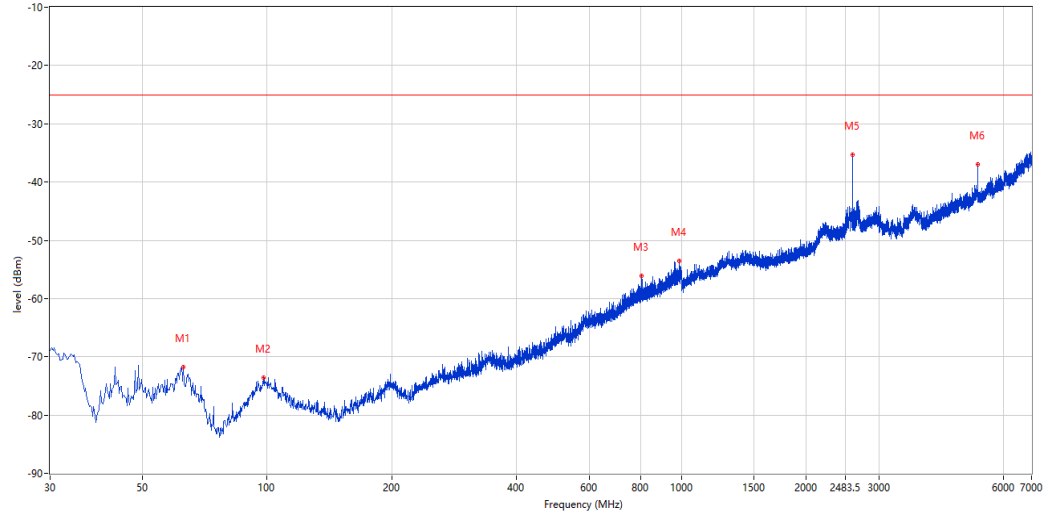
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.972	-71.79	-16.10	-25.0	46.79	226.70	Vertical	Vertical	Pass
98.368	-73.54	-13.34	-25.0	48.54	340.20	Vertical	Vertical	Pass
800.230	-56.07	0.46	-25.0	31.07	16.40	Vertical	Vertical	Pass
990.545	-53.60	3.64	-25.0	28.60	132.20	Vertical	Vertical	Pass
2592.602	-35.34	10.00	-25.0	10.34	326.60	Vertical	Vertical	Pass
5185.454	-37.02	14.60	-25.0	12.02	154.80	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.06.30

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

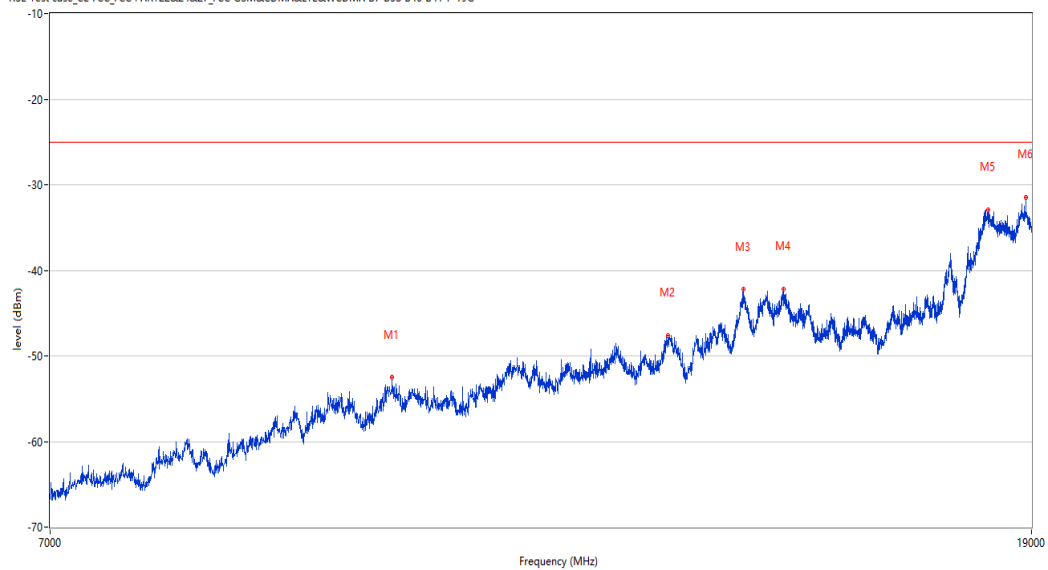
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9915.271	-52.54	19.98	-25.0	27.54	359.80	Vertical	Vertical	Pass
13121.470	-47.67	24.42	-25.0	22.67	252.00	Vertical	Vertical	Pass
14177.206	-42.25	30.12	-25.0	17.25	136.60	Vertical	Vertical	Pass
14759.060	-42.18	29.85	-25.0	17.18	46.60	Vertical	Vertical	Pass
18178.205	-32.94	37.02	-25.0	7.94	225.60	Vertical	Vertical	Pass
18889.028	-31.43	37.94	-25.0	6.43	61.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.25.44

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

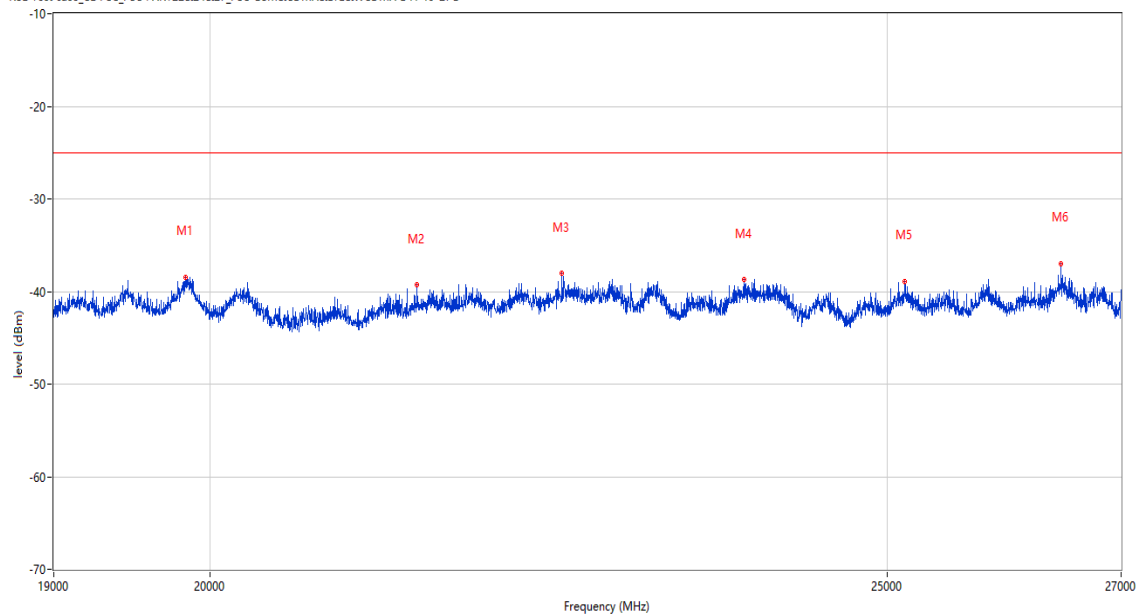
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19839.790	-38.44	14.01	-25.0	13.44	286.60	Vertical	Vertical	Pass
21411.397	-39.21	14.51	-25.0	14.21	9.70	Vertical	Vertical	Pass
22457.136	-38.01	15.27	-25.0	13.01	233.80	Vertical	Vertical	Pass
23850.787	-38.68	15.77	-25.0	13.68	223.00	Vertical	Vertical	Pass
25146.463	-38.97	14.89	-25.0	13.97	150.80	Vertical	Vertical	Pass
26472.132	-36.97	15.43	-25.0	11.97	100.90	Vertical	Vertical	Pass

5.3 LTE-B38-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.18.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

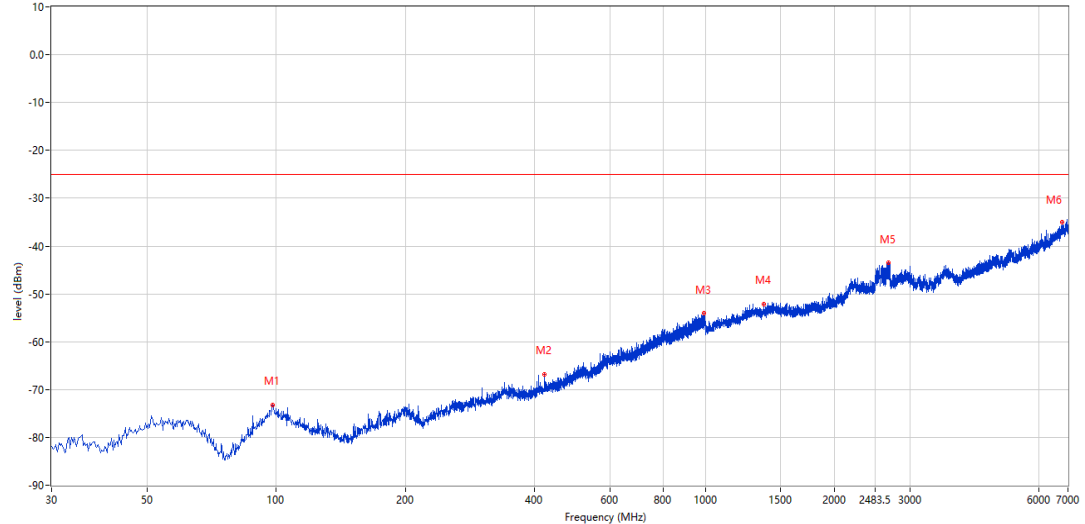
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.368	-73.22	-13.34	-25.0	48.22	197.50	Horizontal	Vertical	Pass
421.540	-66.83	-8.46	-25.0	41.83	6.80	Horizontal	Vertical	Pass
993.212	-54.08	3.70	-25.0	29.08	260.40	Horizontal	Vertical	Pass
1371.407	-52.18	1.18	-25.0	27.18	297.90	Horizontal	Vertical	Pass
2675.081	-43.46	10.82	-25.0	18.46	69.80	Horizontal	Vertical	Pass
6770.057	-35.08	19.22	-25.0	10.08	103.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.40.56

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

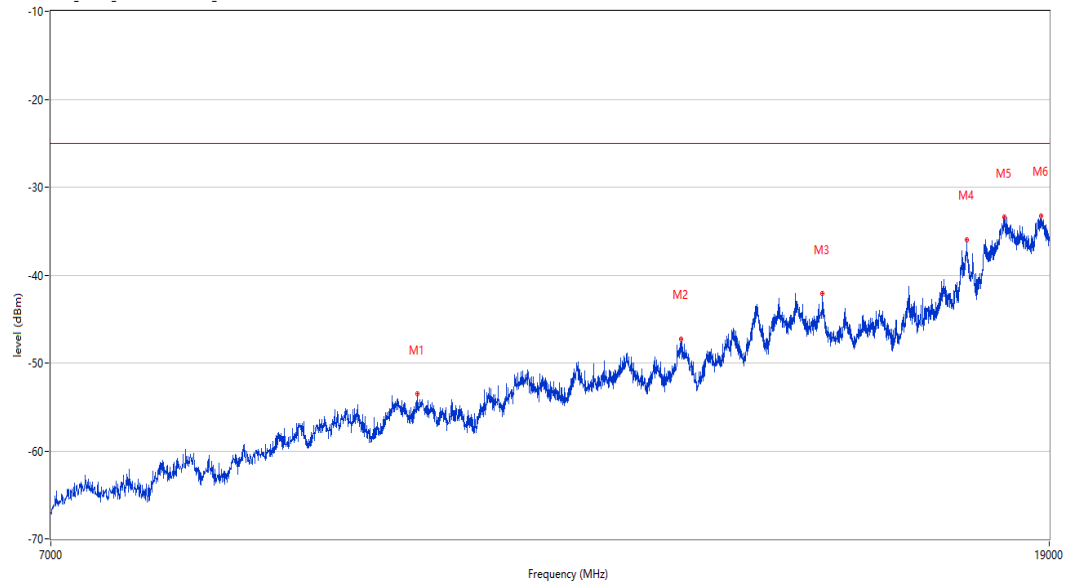
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10098.225	-53.54	18.65	-25.0	28.54	259.50	Horizontal	Vertical	Pass
13151.462	-47.26	24.00	-25.0	22.26	0.70	Horizontal	Vertical	Pass
15145.964	-42.08	27.31	-25.0	17.08	345.80	Horizontal	Vertical	Pass
17494.376	-36.00	35.05	-25.0	11.00	251.30	Horizontal	Vertical	Pass
18166.208	-33.35	36.23	-25.0	8.35	359.90	Horizontal	Vertical	Pass
18838.040	-33.27	37.10	-25.0	8.27	109.10	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.31.47

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

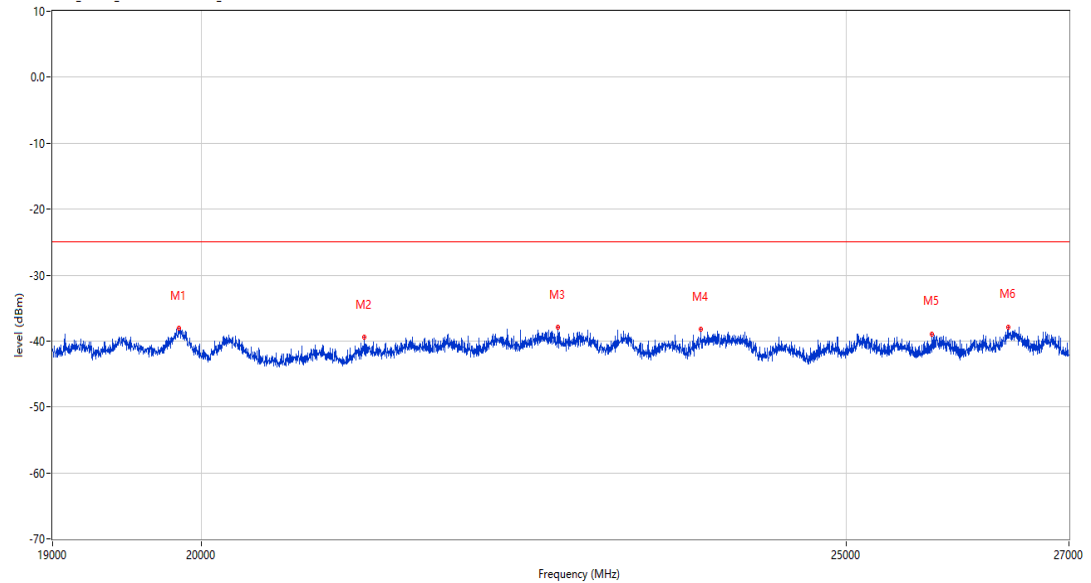
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19849.788	-38.05	14.34	-25.0	13.05	275.10	Horizontal	Vertical	Pass
21161.460	-39.47	14.20	-25.0	14.47	0.00	Horizontal	Vertical	Pass
22629.093	-37.98	15.71	-25.0	12.98	145.10	Horizontal	Vertical	Pass
23772.807	-38.21	15.87	-25.0	13.21	145.10	Horizontal	Vertical	Pass
25748.313	-38.93	14.99	-25.0	13.93	266.50	Horizontal	Vertical	Pass
26438.140	-37.84	15.87	-25.0	12.84	2.80	Horizontal	Vertical	Pass

5.4 LTE-B38-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_15.38.42

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

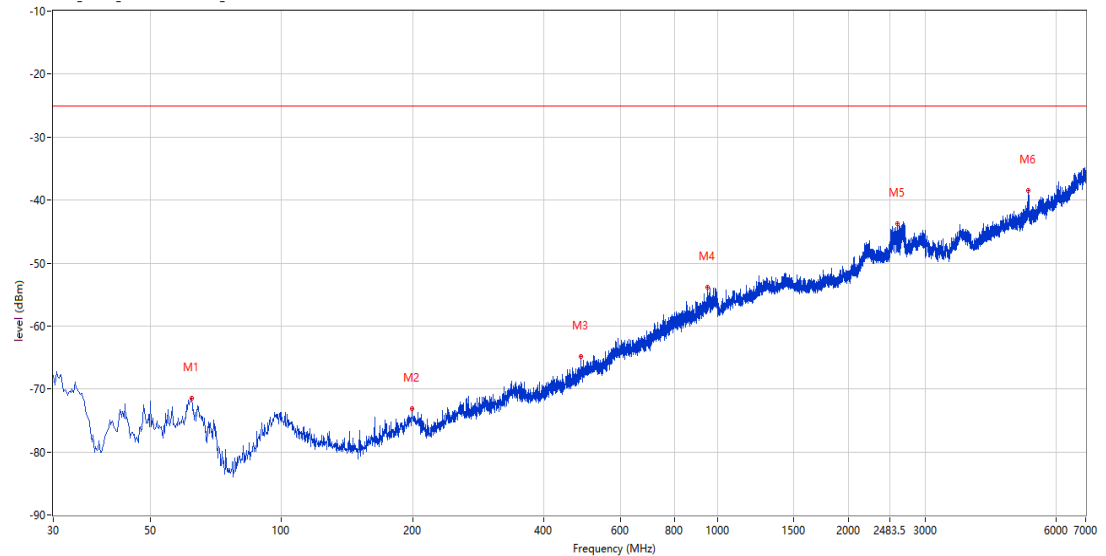
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.244	-71.54	-15.94	-25.0	46.54	162.70	Vertical	Vertical	Pass
199.708	-73.10	-13.71	-25.0	48.10	310.50	Vertical	Vertical	Pass
487.483	-64.85	-6.98	-25.0	39.85	26.50	Vertical	Vertical	Pass
949.573	-53.86	2.80	-25.0	28.86	23.90	Vertical	Vertical	Pass
2588.603	-43.73	10.01	-25.0	18.73	300.90	Vertical	Vertical	Pass
5180.455	-38.48	14.64	-25.0	13.48	157.70	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.09.34

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11177.956	-50.07	20.83	-25.0	25.07	341.00	Vertical	Vertical	Pass
12449.638	-48.14	22.71	-25.0	23.14	256.80	Vertical	Vertical	Pass
14192.202	-42.19	30.21	-25.0	17.19	221.90	Vertical	Vertical	Pass
14774.056	-42.13	29.63	-25.0	17.13	10.40	Vertical	Vertical	Pass
18115.221	-31.86	36.94	-25.0	6.86	13.40	Vertical	Vertical	Pass
18244.189	-31.81	37.11	-25.0	6.81	77.80	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.23.27

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

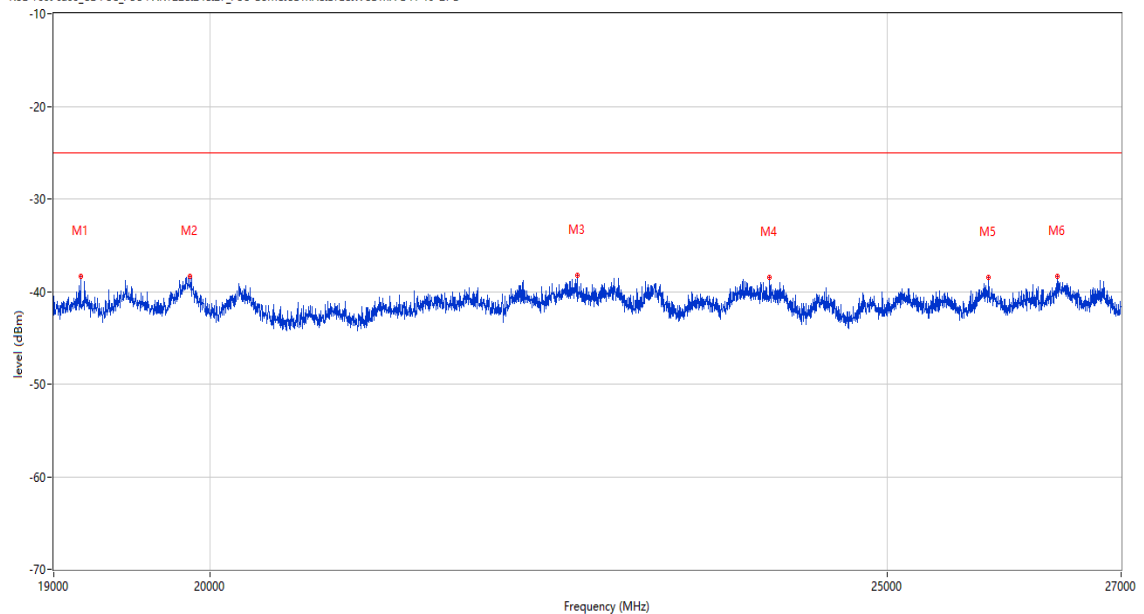
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19167.958	-38.35	14.32	-25.0	13.35	88.70	Vertical	Vertical	Pass
19871.782	-38.36	14.06	-25.0	13.36	157.10	Vertical	Vertical	Pass
22573.107	-38.26	15.28	-25.0	13.26	102.10	Vertical	Vertical	Pass
24050.737	-38.47	16.01	-25.0	13.47	311.50	Vertical	Vertical	Pass
25848.288	-38.49	14.70	-25.0	13.49	39.90	Vertical	Vertical	Pass
26442.139	-38.36	15.38	-25.0	13.36	96.80	Vertical	Vertical	Pass

5.5 LTE-B38-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.14.59

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

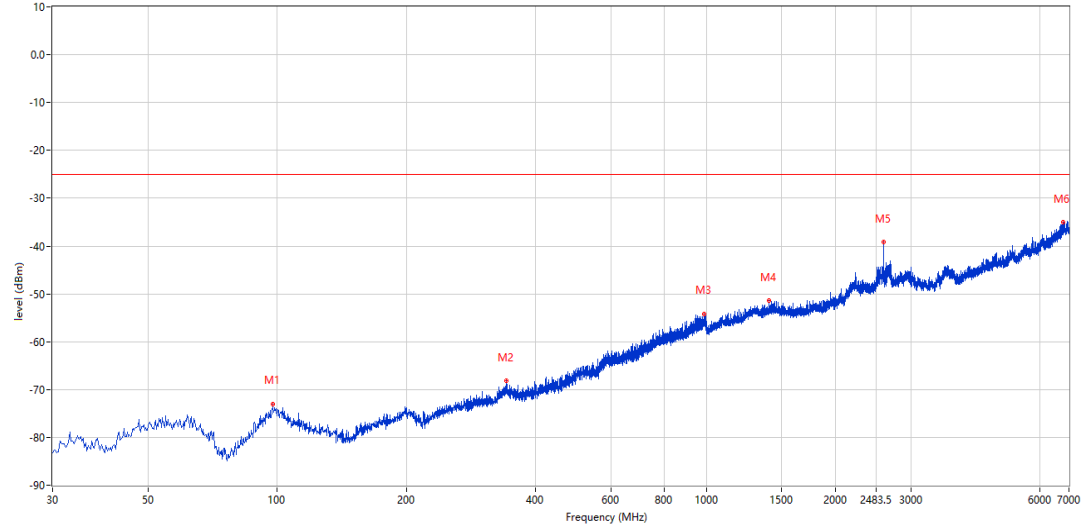
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.641	-73.01	-13.45	-25.0	48.01	358.10	Horizontal	Vertical	Pass
342.747	-68.19	-9.10	-25.0	43.19	180.50	Horizontal	Vertical	Pass
987.151	-54.19	3.55	-25.0	29.19	71.80	Horizontal	Vertical	Pass
1399.900	-51.49	1.60	-25.0	26.49	226.60	Horizontal	Vertical	Pass
2588.103	-39.19	10.01	-25.0	14.19	95.60	Horizontal	Vertical	Pass
6776.056	-35.00	19.22	-25.0	10.00	64.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.38.36

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

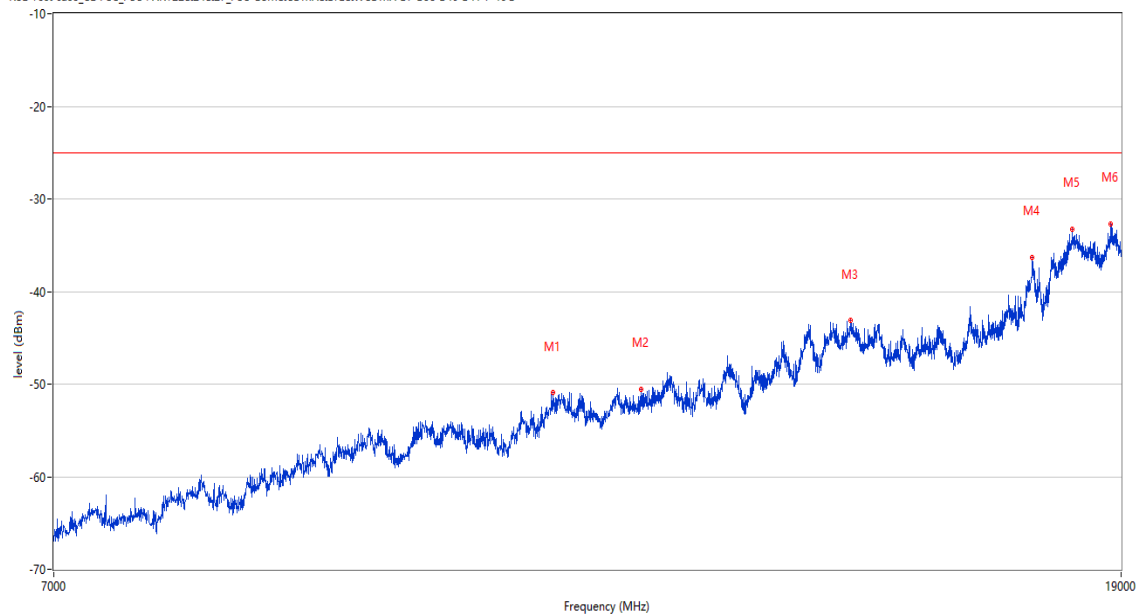
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11162.959	-50.90	20.12	-25.0	25.90	82.10	Horizontal	Vertical	Pass
12125.719	-50.52	21.52	-25.0	25.52	20.70	Horizontal	Vertical	Pass
14750.062	-43.09	29.31	-25.0	18.09	199.70	Horizontal	Vertical	Pass
17479.380	-36.30	34.51	-25.0	11.30	43.80	Horizontal	Vertical	Pass
18148.213	-33.30	36.21	-25.0	8.30	228.00	Horizontal	Vertical	Pass
18817.046	-32.68	37.07	-25.0	7.68	153.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.33.24

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

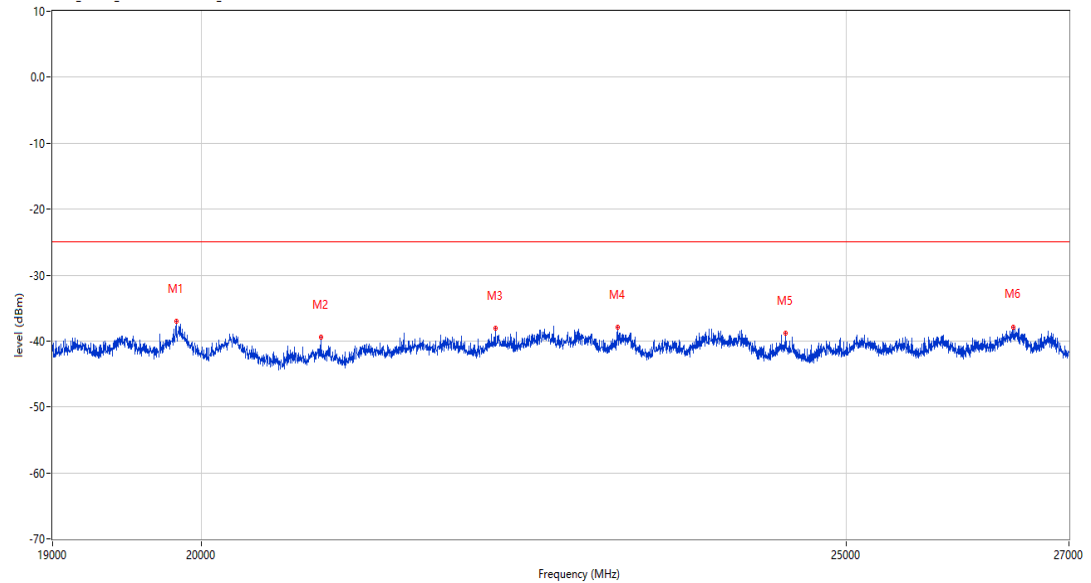
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
19829.793	-37.08	14.31	-25.0	12.08	359.80	Horizontal	Vertical	Pass
20845.539	-39.47	13.69	-25.0	14.47	154.10	Horizontal	Vertical	Pass
22141.215	-38.08	15.40	-25.0	13.08	98.70	Horizontal	Vertical	Pass
23098.975	-37.90	15.38	-25.0	12.90	44.30	Horizontal	Vertical	Pass
24480.630	-38.78	13.39	-25.0	13.78	76.70	Horizontal	Vertical	Pass
26486.128	-37.85	16.01	-25.0	12.85	284.80	Horizontal	Vertical	Pass

5.6 LTE-B38-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_15.41.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

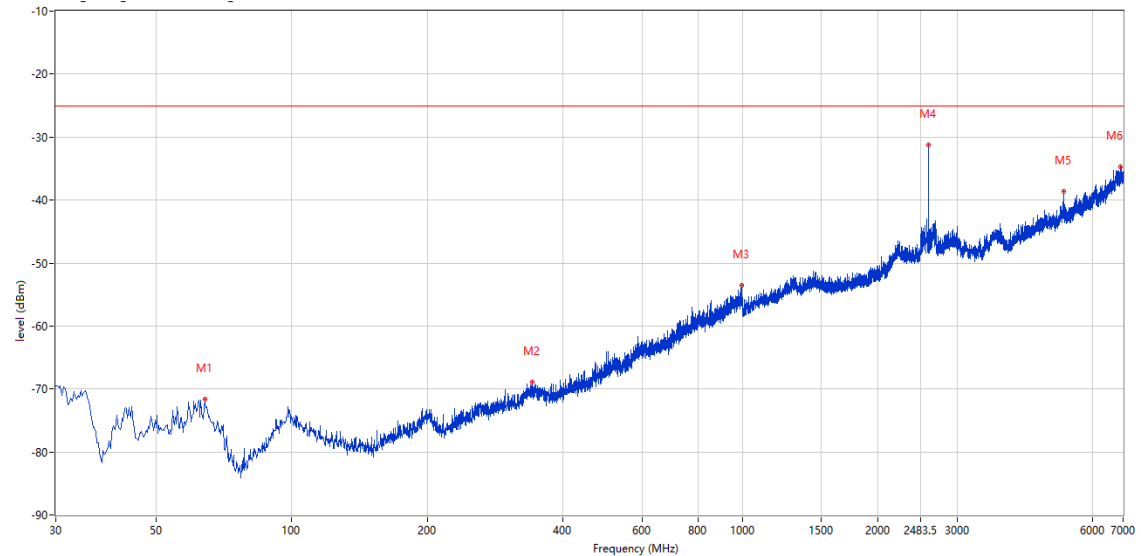
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
64.184	-71.60	-16.45	-25.0	46.60	197.70	Vertical	Vertical	Pass
341.535	-68.84	-9.05	-25.0	43.84	238.20	Vertical	Vertical	Pass
999.273	-53.50	3.84	-25.0	28.50	149.30	Vertical	Vertical	Pass
2588.103	-31.22	10.01	-25.0	6.22	336.00	Vertical	Vertical	Pass
5176.456	-38.63	14.67	-25.0	13.63	138.60	Vertical	Vertical	Pass
6911.022	-34.64	18.94	-25.0	9.64	13.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.12.45

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

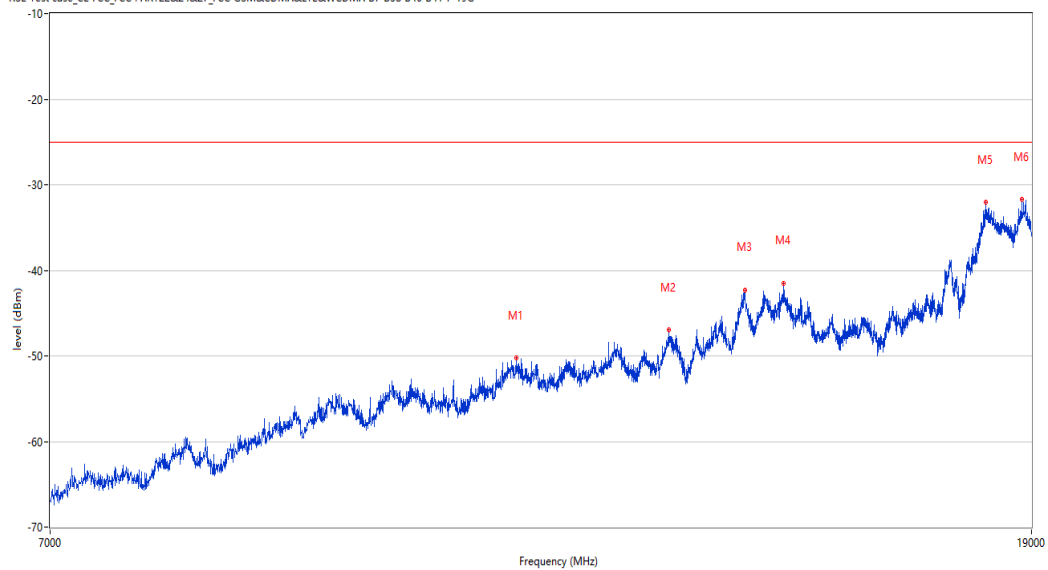
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11246.938	-50.23	21.58	-25.0	25.23	81.60	Vertical	Vertical	Pass
13136.466	-46.90	24.38	-25.0	21.90	212.90	Vertical	Vertical	Pass
14192.202	-42.27	30.21	-25.0	17.27	90.10	Vertical	Vertical	Pass
14765.059	-41.47	29.84	-25.0	16.47	318.20	Vertical	Vertical	Pass
18142.214	-32.03	36.97	-25.0	7.03	72.60	Vertical	Vertical	Pass
18814.046	-31.72	37.84	-25.0	6.72	151.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.19.59

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

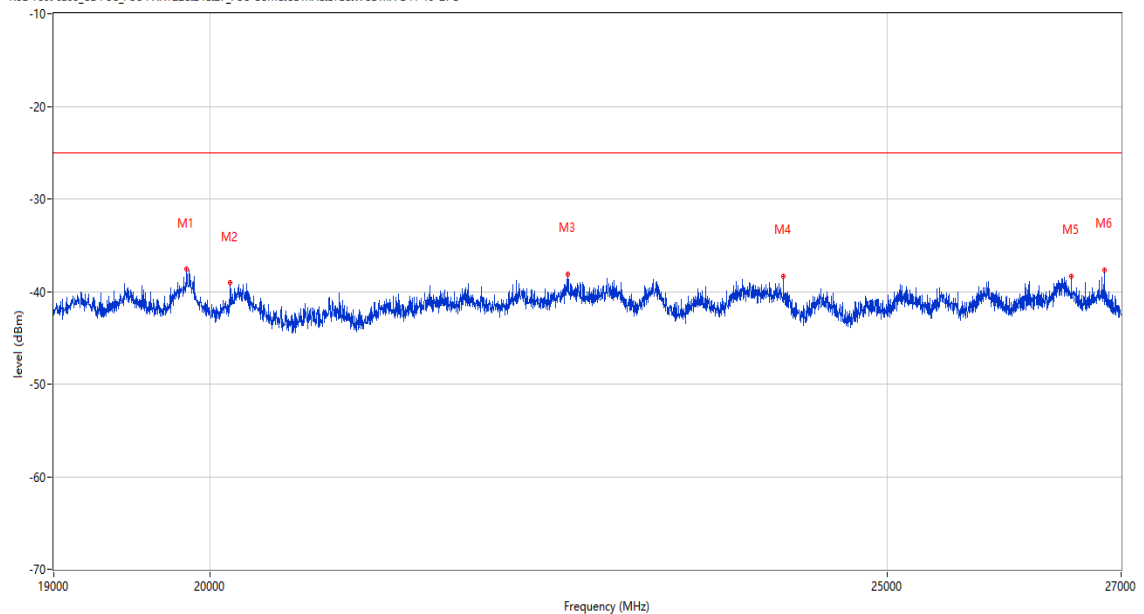
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19849.788	-37.60	14.03	-25.0	12.60	241.90	Vertical	Vertical	Pass
20135.716	-39.00	14.00	-25.0	14.00	334.90	Vertical	Vertical	Pass
22505.124	-38.09	15.31	-25.0	13.09	213.20	Vertical	Vertical	Pass
24158.710	-38.37	15.29	-25.0	13.37	216.20	Vertical	Vertical	Pass
26560.110	-38.34	15.43	-25.0	13.34	20.10	Vertical	Vertical	Pass
26850.037	-37.63	15.19	-25.0	12.63	347.30	Vertical	Vertical	Pass

5.7 LTE-B38-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_15.51.53

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

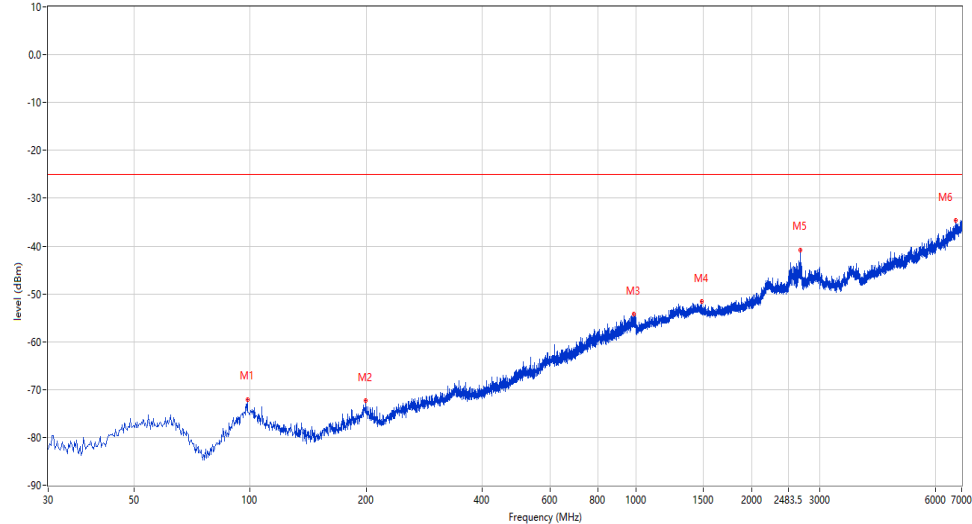
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.610	-72.05	-13.39	-25.0	47.05	5.10	Horizontal	Vertical	Pass
199.465	-72.28	-13.76	-25.0	47.28	11.30	Horizontal	Vertical	Pass
988.120	-54.30	3.58	-25.0	29.30	224.10	Horizontal	Vertical	Pass
1486.378	-51.56	1.26	-25.0	26.56	73.60	Horizontal	Vertical	Pass
2677.081	-40.84	10.83	-25.0	15.84	341.90	Horizontal	Vertical	Pass
6744.064	-34.67	19.11	-25.0	9.67	92.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.36.48

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

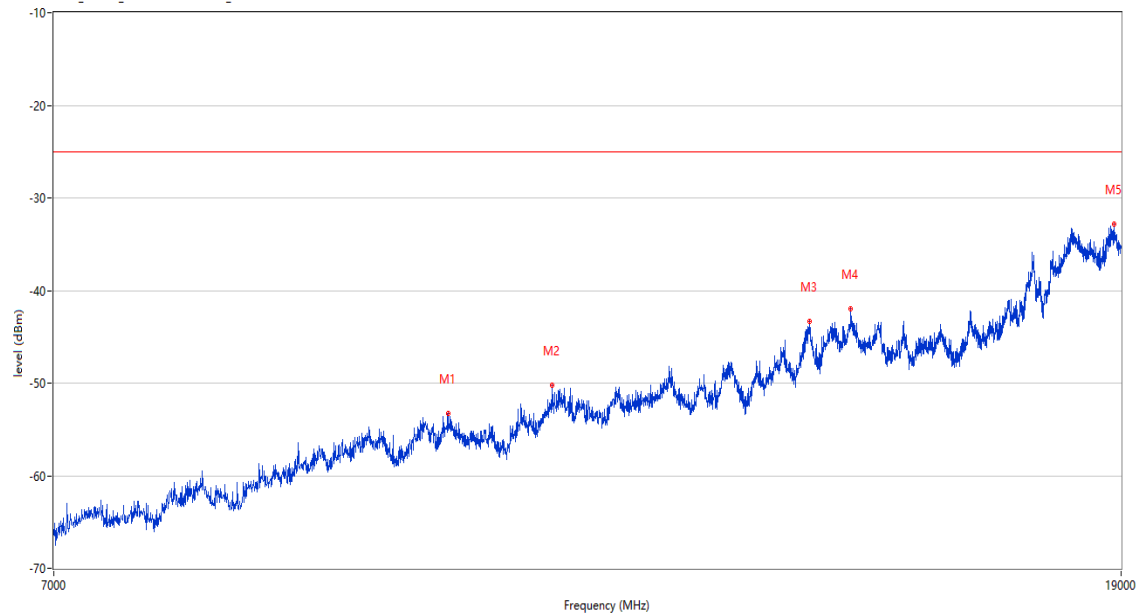
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10122.219	-53.33	18.68	-25.0	28.33	210.70	Horizontal	Vertical	Pass
11159.960	-50.24	20.11	-25.0	25.24	105.00	Horizontal	Vertical	Pass
14192.202	-43.36	29.35	-25.0	18.36	23.50	Horizontal	Vertical	Pass
14756.061	-41.99	29.31	-25.0	16.99	111.00	Horizontal	Vertical	Pass
18880.030	-32.79	37.16	-25.0	7.79	3.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.34.59

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

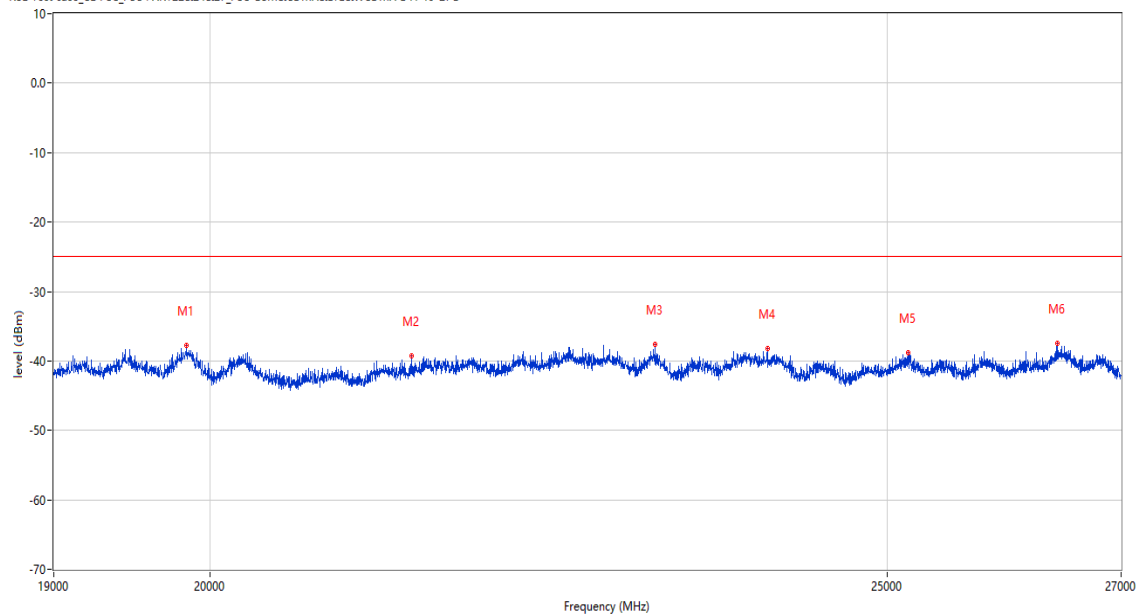
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19849.788	-37.82	14.34	-25.0	12.82	103.10	Horizontal	Vertical	Pass
21377.406	-39.32	14.79	-25.0	14.32	206.90	Horizontal	Vertical	Pass
23158.960	-37.60	15.30	-25.0	12.60	266.20	Horizontal	Vertical	Pass
24032.742	-38.20	16.48	-25.0	13.20	114.60	Horizontal	Vertical	Pass
25174.456	-38.78	15.23	-25.0	13.78	114.60	Horizontal	Vertical	Pass
26436.141	-37.52	15.87	-25.0	12.52	251.60	Horizontal	Vertical	Pass

5.8 LTE-B38-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_15.45.32

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

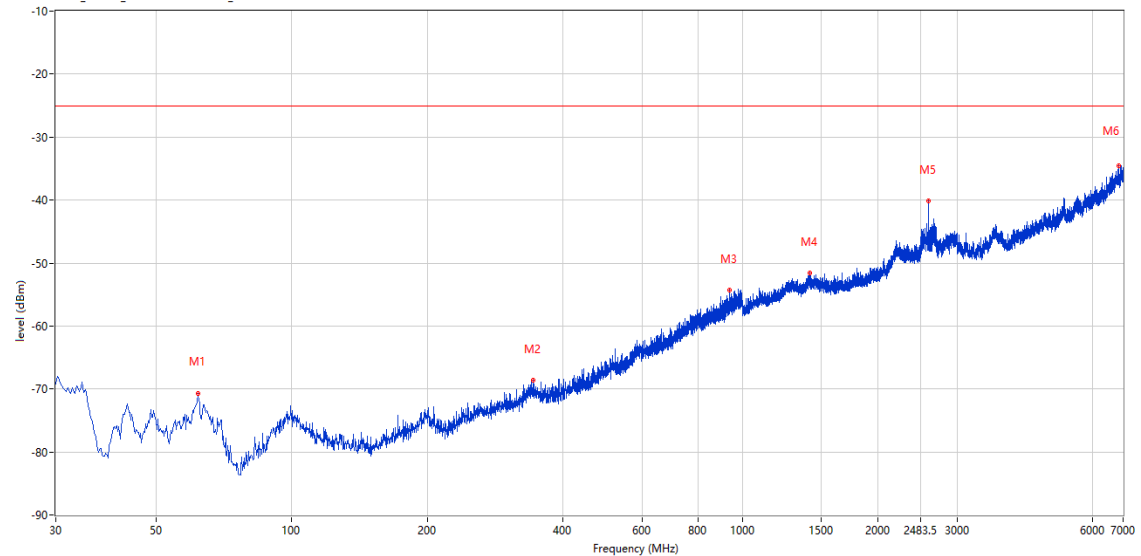
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case_CE_FCC_FCC PART22&24&27_FCC LTE B38



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.002	-70.64	-15.89	-25.0	45.64	226.70	Vertical	Vertical	Pass
344.444	-68.62	-9.18	-25.0	43.62	14.60	Vertical	Vertical	Pass
937.693	-54.25	2.50	-25.0	29.25	1.80	Vertical	Vertical	Pass
1414.396	-51.54	1.74	-25.0	26.54	227.20	Vertical	Vertical	Pass
2585.604	-40.14	10.02	-25.0	15.14	343.70	Vertical	Vertical	Pass
6858.035	-34.57	19.24	-25.0	9.57	75.50	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.14.54

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10155.211	-52.62	18.63	-25.0	27.62	136.50	Vertical	Vertical	Pass
11177.956	-50.48	20.83	-25.0	25.48	247.80	Vertical	Vertical	Pass
14162.209	-42.35	29.80	-25.0	17.35	145.50	Vertical	Vertical	Pass
14768.058	-41.50	29.77	-25.0	16.50	7.40	Vertical	Vertical	Pass
18124.219	-32.37	36.95	-25.0	7.37	133.50	Vertical	Vertical	Pass
18805.049	-32.52	37.83	-25.0	7.52	187.10	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.17.01

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

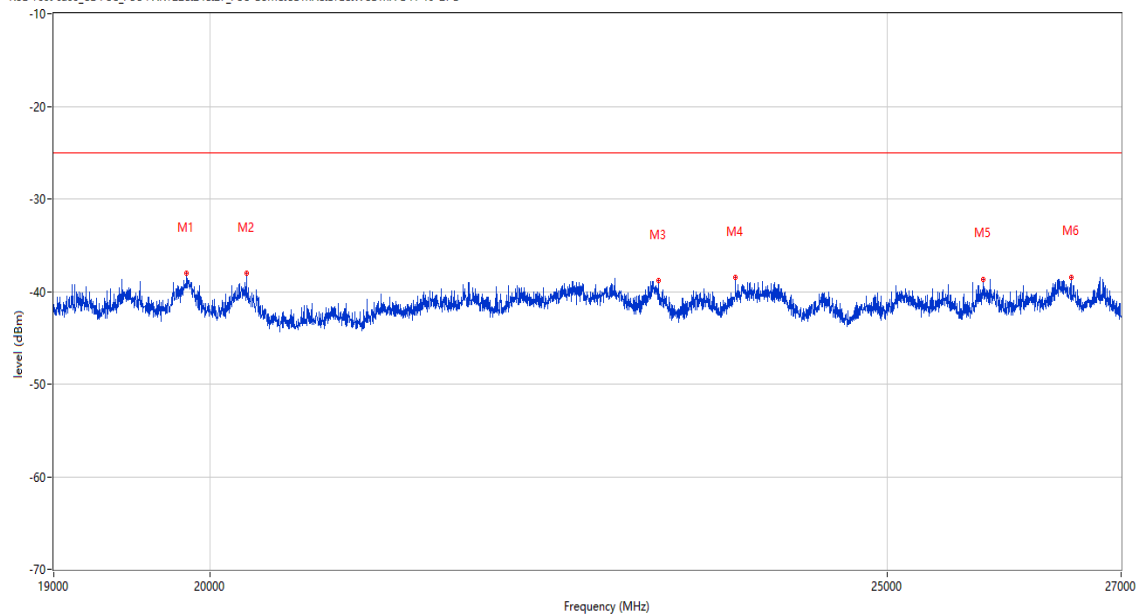
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19849.788	-38.06	14.03	-25.0	13.06	120.30	Vertical	Vertical	Pass
20243.689	-38.07	13.79	-25.0	13.07	6.20	Vertical	Vertical	Pass
23186.953	-38.79	14.86	-25.0	13.79	0.00	Vertical	Vertical	Pass
23780.805	-38.47	15.50	-25.0	13.47	275.80	Vertical	Vertical	Pass
25804.299	-38.72	14.74	-25.0	13.72	358.50	Vertical	Vertical	Pass
26560.110	-38.43	15.43	-25.0	13.43	0.20	Vertical	Vertical	Pass

6 LTE B41

6.1 LTE-B41-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.28.25

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

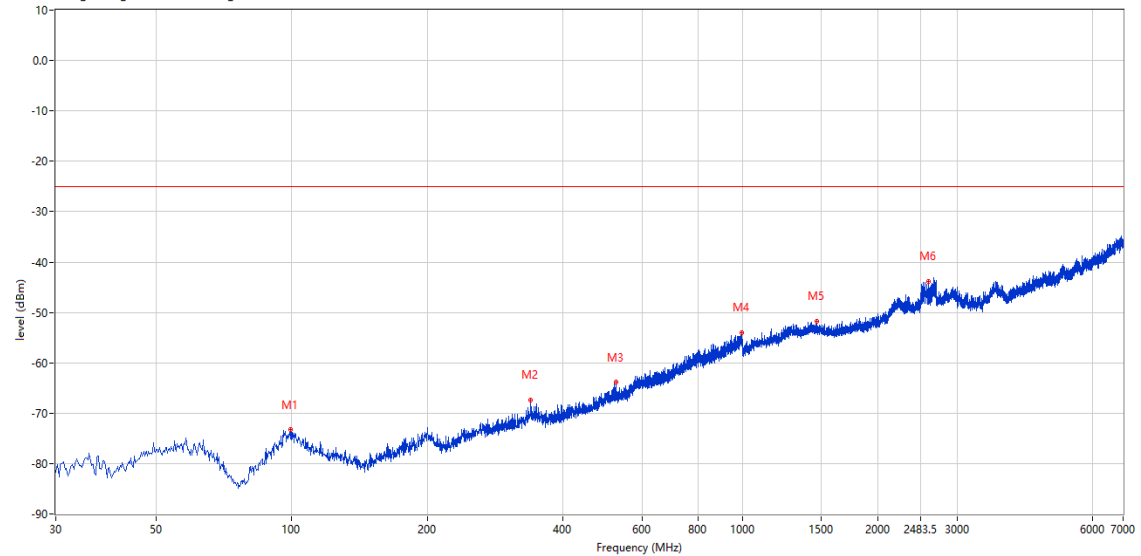
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
99.338	-73.33	-13.52	-25.0	48.33	252.00	Horizontal	Vertical	Pass
339.838	-67.48	-9.00	-25.0	42.48	157.10	Horizontal	Vertical	Pass
524.819	-63.86	-5.85	-25.0	38.86	87.90	Horizontal	Vertical	Pass
998.303	-53.99	3.82	-25.0	28.99	153.80	Horizontal	Vertical	Pass
1461.885	-51.79	1.56	-25.0	26.79	177.00	Horizontal	Vertical	Pass
2588.103	-43.90	10.01	-25.0	18.90	309.50	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.44.51

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

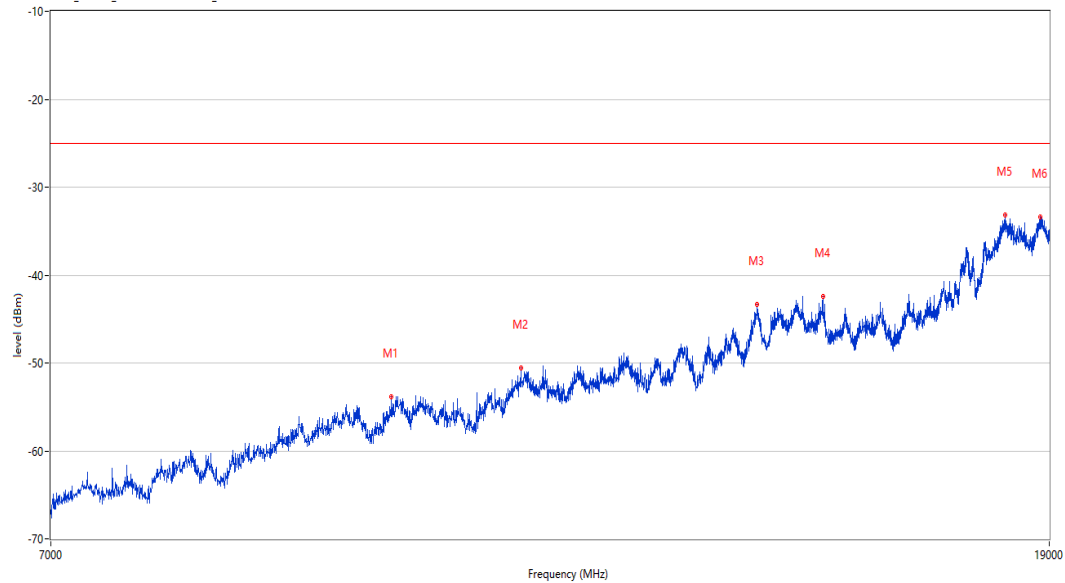
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9840.290	-53.88	18.23	-25.0	28.88	323.00	Horizontal	Vertical	Pass
11198.950	-50.59	20.31	-25.0	25.59	193.60	Horizontal	Vertical	Pass
14183.204	-43.32	29.32	-25.0	18.32	107.60	Horizontal	Vertical	Pass
15148.963	-42.46	27.36	-25.0	17.46	148.90	Horizontal	Vertical	Pass
18187.203	-33.17	36.26	-25.0	8.17	326.00	Horizontal	Vertical	Pass
18823.044	-33.42	37.08	-25.0	8.42	131.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.15.53

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

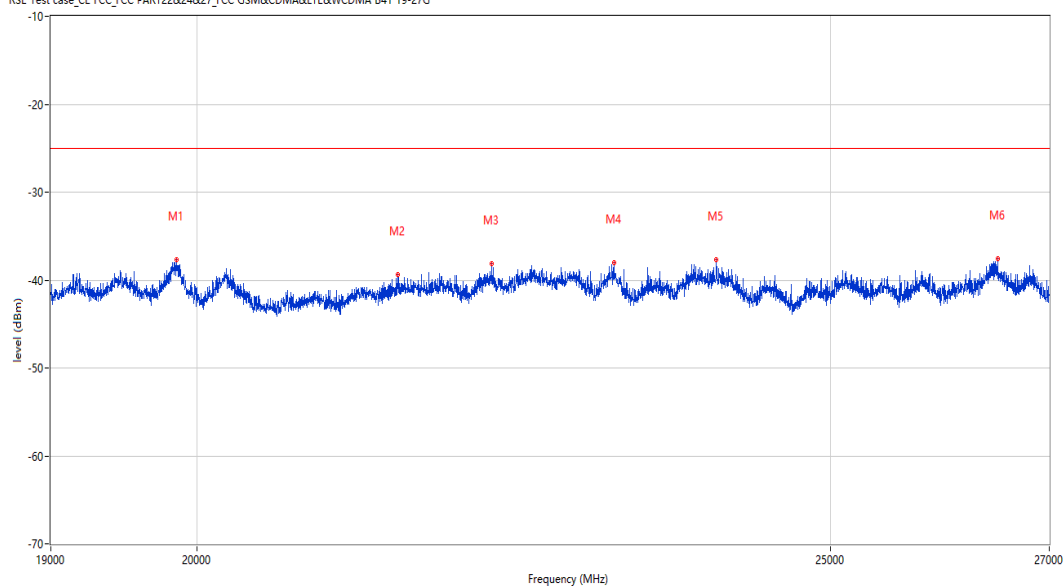
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

RSE Test case 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
19857.786	-37.69	14.35	-25.0	12.69	240.10	Horizontal	Vertical	Pass
21469.383	-39.43	15.04	-25.0	14.43	21.70	Horizontal	Vertical	Pass
22189.203	-38.16	15.45	-25.0	13.16	206.30	Horizontal	Vertical	Pass
23162.959	-38.05	15.30	-25.0	13.05	320.60	Horizontal	Vertical	Pass
24016.746	-37.70	16.59	-25.0	12.70	261.70	Horizontal	Vertical	Pass
26512.122	-37.58	16.03	-25.0	12.58	256.50	Horizontal	Vertical	Pass

6.2 LTE-B41-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.59.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

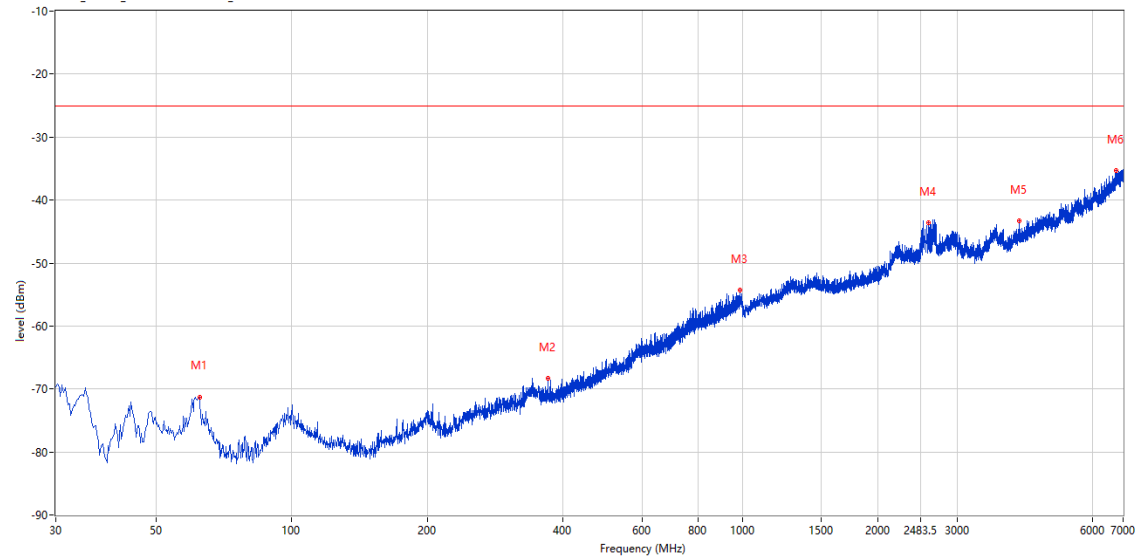
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.487	-71.24	-15.99	-25.0	46.24	157.90	Vertical	Vertical	Pass
371.355	-68.36	-9.96	-25.0	43.36	94.20	Vertical	Vertical	Pass
989.818	-54.29	3.62	-25.0	29.29	77.50	Vertical	Vertical	Pass
2586.103	-43.56	10.02	-25.0	18.56	280.20	Vertical	Vertical	Pass
4123.719	-43.36	12.05	-25.0	18.36	304.60	Vertical	Vertical	Pass
6763.059	-35.34	19.23	-25.0	10.34	165.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.36.40

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10857.036	-51.06	19.77	-25.0	26.06	147.40	Vertical	Vertical	Pass
12449.638	-48.05	22.71	-25.0	23.05	80.40	Vertical	Vertical	Pass
14195.201	-42.52	30.11	-25.0	17.52	25.00	Vertical	Vertical	Pass
14786.053	-41.97	29.35	-25.0	16.97	288.40	Vertical	Vertical	Pass
18193.202	-32.40	37.04	-25.0	7.40	309.00	Vertical	Vertical	Pass
18814.046	-32.34	37.84	-25.0	7.34	16.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.21.23

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

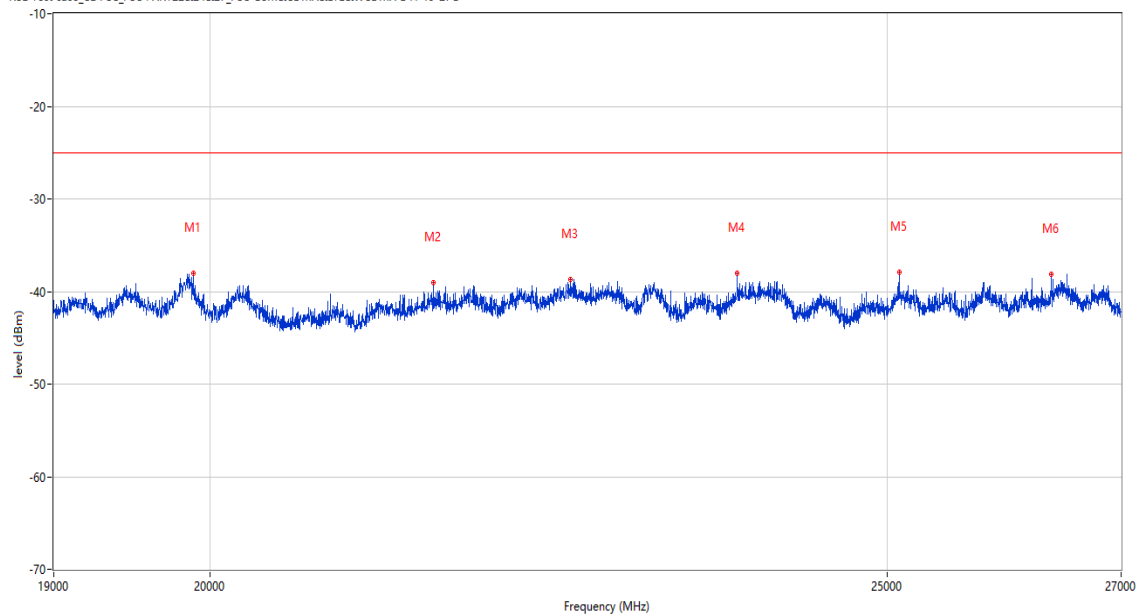
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19891.777	-38.00	14.09	-25.0	13.00	308.20	Vertical	Vertical	Pass
21529.368	-38.99	14.77	-25.0	13.99	1.50	Vertical	Vertical	Pass
22525.119	-38.72	15.30	-25.0	13.72	212.60	Vertical	Vertical	Pass
23796.801	-38.07	15.56	-25.0	13.07	1.50	Vertical	Vertical	Pass
25096.476	-37.96	14.87	-25.0	12.96	262.80	Vertical	Vertical	Pass
26390.152	-38.09	15.28	-25.0	13.09	158.60	Vertical	Vertical	Pass

6.3 LTE-B41-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.36.25

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

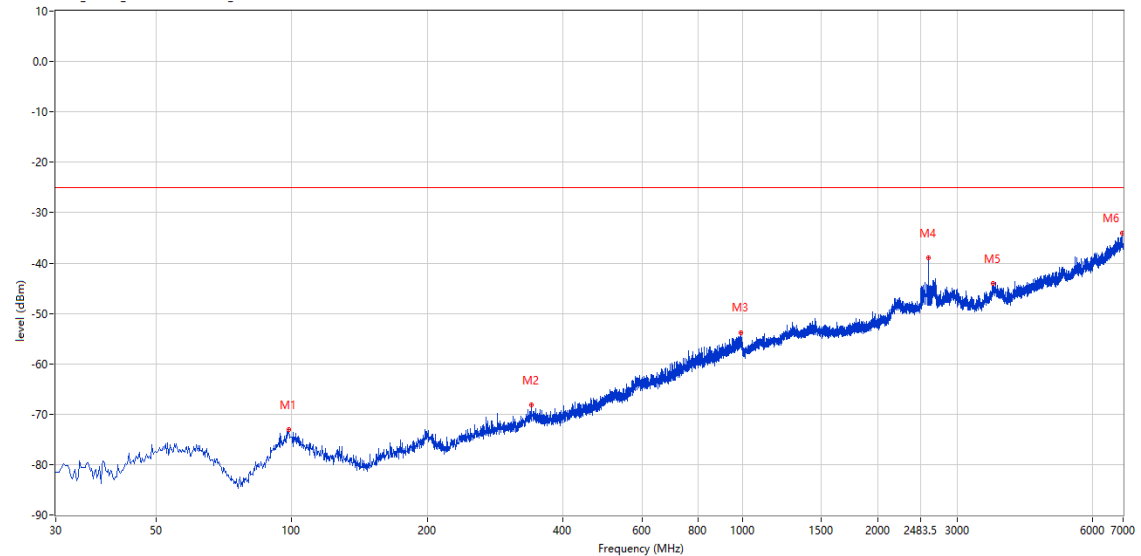
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
98.853	-73.08	-13.43	-25.0	48.08	135.00	Horizontal	Vertical	Pass
340.322	-68.25	-8.99	-25.0	43.25	279.90	Horizontal	Vertical	Pass
993.212	-53.90	3.70	-25.0	28.90	90.70	Horizontal	Vertical	Pass
2588.103	-38.96	10.01	-25.0	13.96	132.80	Horizontal	Vertical	Pass
3607.848	-44.00	11.86	-25.0	19.00	219.00	Horizontal	Vertical	Pass
6972.007	-34.01	19.22	-25.0	9.01	239.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.46.44

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11294.926	-49.66	21.46	-25.0	24.66	0.20	Horizontal	Vertical	Pass
13229.443	-46.78	23.79	-25.0	21.78	193.20	Horizontal	Vertical	Pass
14534.116	-43.16	27.40	-25.0	18.16	115.30	Horizontal	Vertical	Pass
17491.377	-36.52	34.99	-25.0	11.52	295.10	Horizontal	Vertical	Pass
18151.212	-32.55	36.22	-25.0	7.55	360.00	Horizontal	Vertical	Pass
18853.037	-33.33	37.12	-25.0	8.33	37.90	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.58.02

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

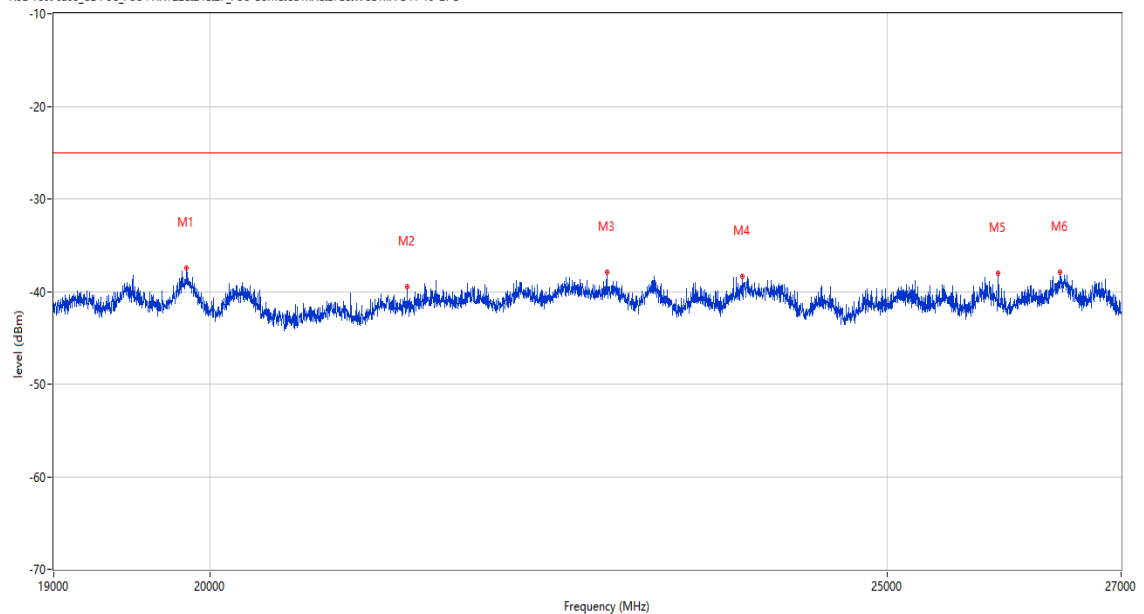
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19849.788	-37.46	14.34	-25.0	12.46	348.40	Horizontal	Vertical	Pass
21345.414	-39.48	14.70	-25.0	14.48	31.40	Horizontal	Vertical	Pass
22795.051	-37.94	15.62	-25.0	12.94	84.20	Horizontal	Vertical	Pass
23834.791	-38.33	16.10	-25.0	13.33	279.60	Horizontal	Vertical	Pass
25928.268	-37.97	14.76	-25.0	12.97	246.50	Horizontal	Vertical	Pass
26466.133	-37.95	15.95	-25.0	12.95	175.80	Horizontal	Vertical	Pass

6.4 LTE-B41-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.56.17

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

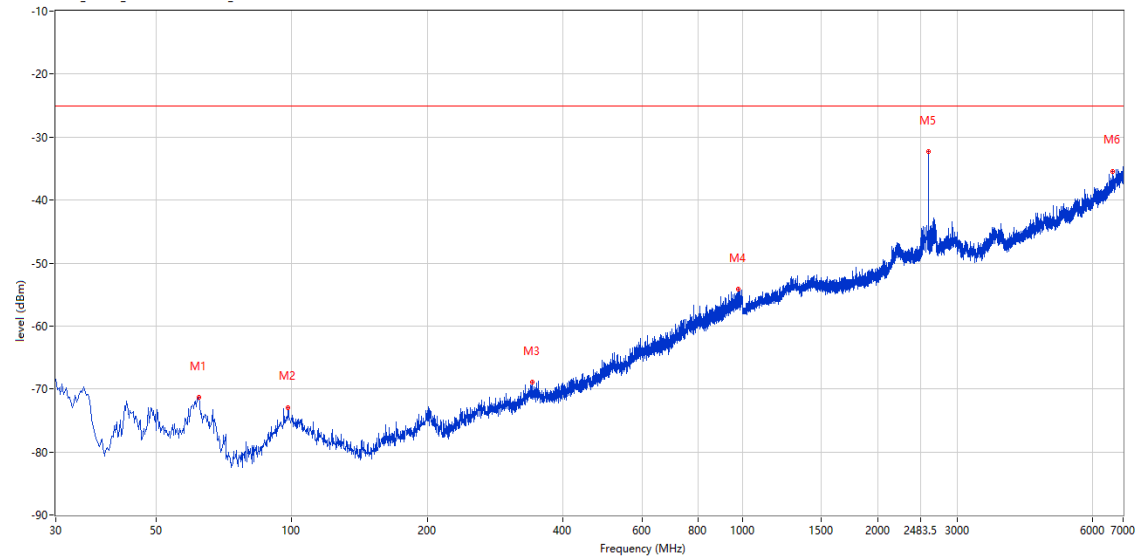
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.244	-71.31	-15.94	-25.0	46.31	130.00	Vertical	Vertical	Pass
98.368	-73.02	-13.34	-25.0	48.02	243.10	Vertical	Vertical	Pass
341.777	-68.93	-9.06	-25.0	43.93	347.30	Vertical	Vertical	Pass
980.847	-54.21	3.39	-25.0	29.21	177.60	Vertical	Vertical	Pass
2588.103	-32.23	10.01	-25.0	7.23	1.50	Vertical	Vertical	Pass
6632.092	-35.49	18.42	-25.0	10.49	66.90	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.34.58

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
12464.634	-47.51	22.84	-25.0	22.51	316.00	Vertical	Vertical	Pass
13166.458	-47.15	24.17	-25.0	22.15	231.90	Vertical	Vertical	Pass
14492.127	-41.80	28.70	-25.0	16.80	178.30	Vertical	Vertical	Pass
14735.066	-41.94	29.43	-25.0	16.94	287.00	Vertical	Vertical	Pass
18148.213	-32.85	36.98	-25.0	7.85	360.00	Vertical	Vertical	Pass
18862.034	-32.54	37.90	-25.0	7.54	342.40	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.23.12

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

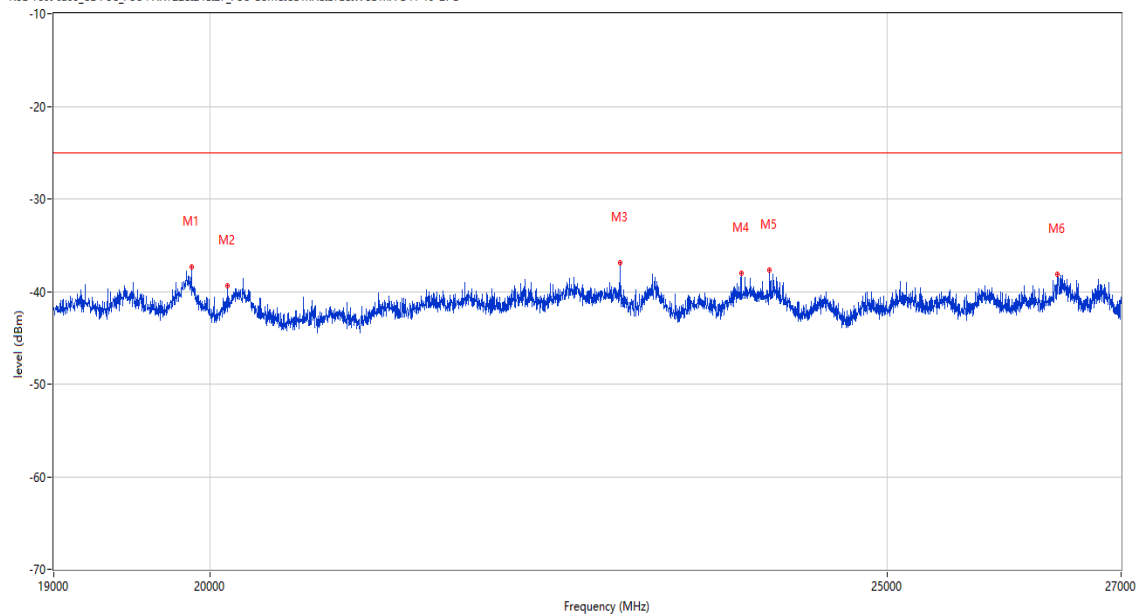
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19879.780	-37.37	14.07	-25.0	12.37	143.70	Vertical	Vertical	Pass
20119.720	-39.37	14.03	-25.0	14.37	344.30	Vertical	Vertical	Pass
22897.026	-36.94	15.17	-25.0	11.94	359.10	Vertical	Vertical	Pass
23824.794	-37.98	15.67	-25.0	12.98	285.00	Vertical	Vertical	Pass
24048.738	-37.66	16.02	-25.0	12.66	74.50	Vertical	Vertical	Pass
26442.139	-38.09	15.38	-25.0	13.09	27.20	Vertical	Vertical	Pass

6.5 LTE-B41-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.39.52

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

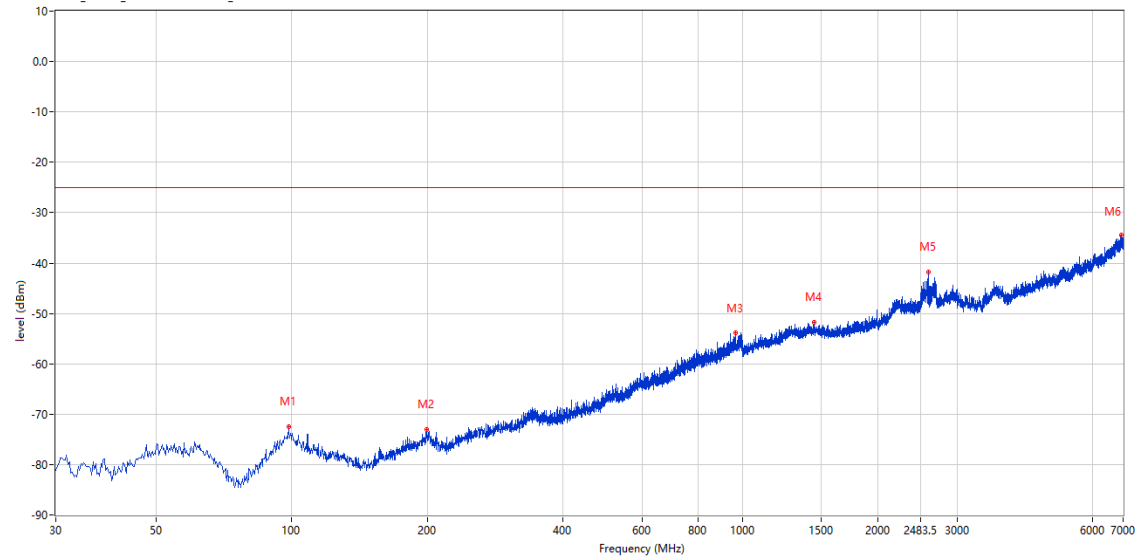
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
98.610	-72.41	-13.39	-25.0	47.41	336.50	Horizontal	Vertical	Pass
199.223	-73.06	-13.80	-25.0	48.06	327.50	Horizontal	Vertical	Pass
968.725	-53.92	3.15	-25.0	28.92	360.00	Horizontal	Vertical	Pass
1442.389	-51.81	1.77	-25.0	26.81	350.40	Horizontal	Vertical	Pass
2586.603	-41.82	10.02	-25.0	16.82	136.80	Horizontal	Vertical	Pass
6951.012	-34.50	19.51	-25.0	9.50	61.30	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.48.43

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

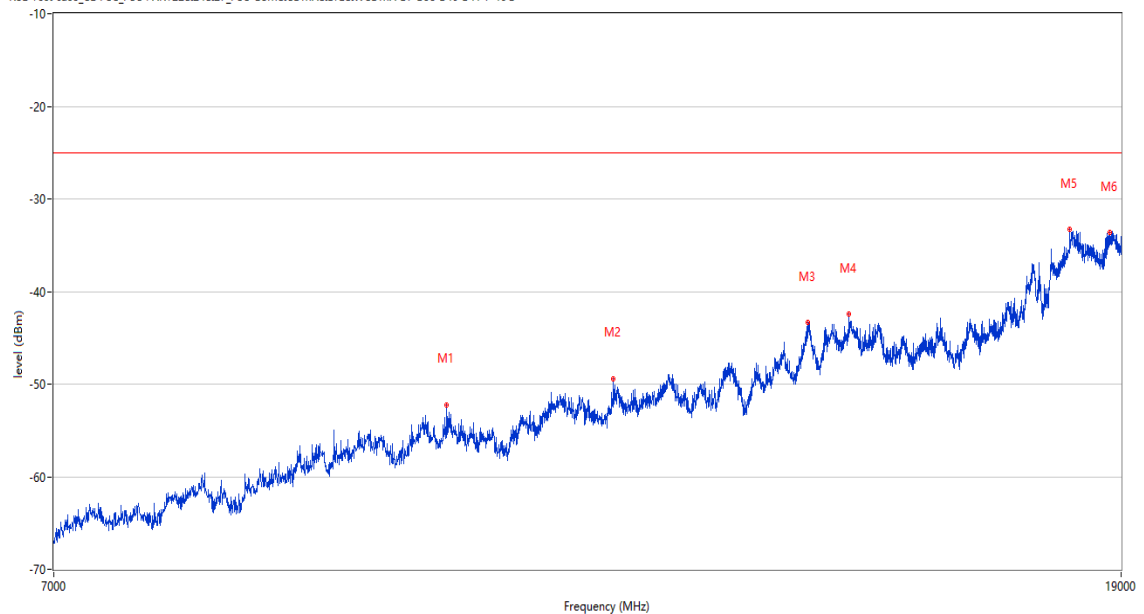
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
10110.222	-52.26	18.71	-25.0	27.26	202.10	Horizontal	Vertical	Pass
11813.797	-49.47	21.19	-25.0	24.47	230.40	Horizontal	Vertical	Pass
14177.206	-43.30	29.15	-25.0	18.30	167.20	Horizontal	Vertical	Pass
14732.067	-42.45	28.86	-25.0	17.45	358.90	Horizontal	Vertical	Pass
18103.224	-33.29	36.15	-25.0	8.29	357.00	Horizontal	Vertical	Pass
18802.049	-33.63	37.05	-25.0	8.63	99.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.55.09

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

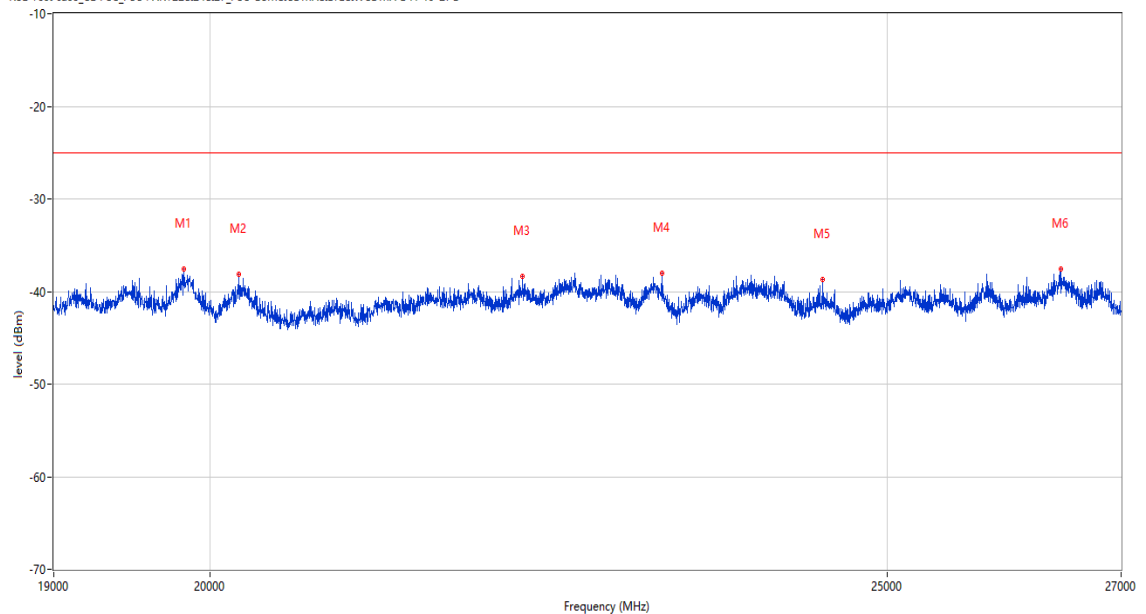
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19831.792	-37.61	14.31	-25.0	12.61	338.40	Horizontal	Vertical	Pass
20195.701	-38.08	14.14	-25.0	13.08	191.70	Horizontal	Vertical	Pass
22169.208	-38.36	15.43	-25.0	13.36	81.60	Horizontal	Vertical	Pass
23210.947	-38.02	15.24	-25.0	13.02	321.20	Horizontal	Vertical	Pass
24474.631	-38.69	13.43	-25.0	13.69	298.50	Horizontal	Vertical	Pass
26470.132	-37.62	15.96	-25.0	12.62	160.80	Horizontal	Vertical	Pass

6.6 LTE-B41-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.53.13

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

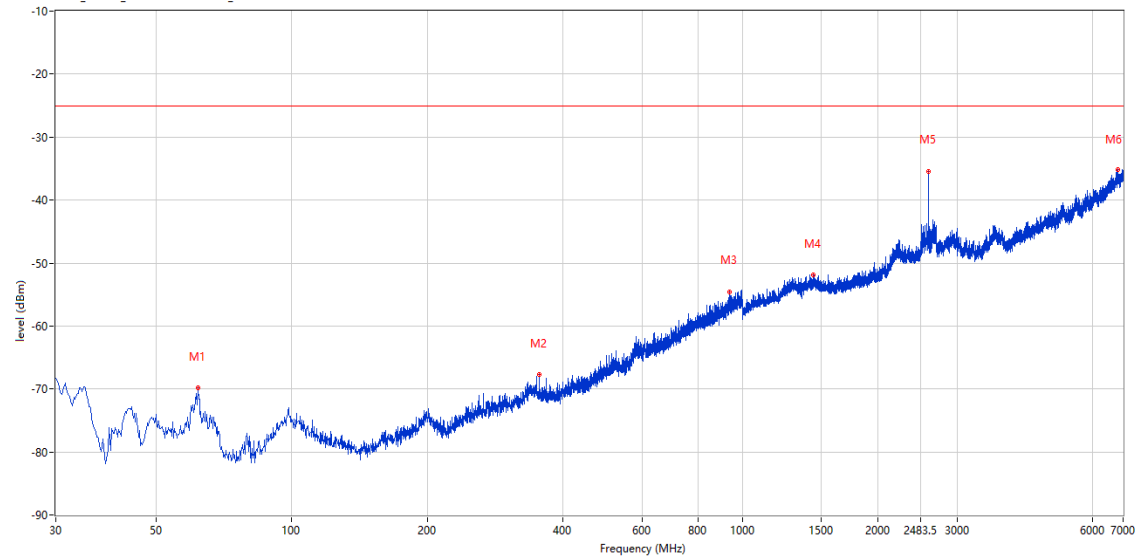
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.002	-69.83	-15.89	-25.0	44.83	184.60	Vertical	Vertical	Pass
354.141	-67.66	-9.60	-25.0	42.66	357.70	Vertical	Vertical	Pass
938.420	-54.59	2.52	-25.0	29.59	358.70	Vertical	Vertical	Pass
1440.390	-51.94	1.76	-25.0	26.94	176.30	Vertical	Vertical	Pass
2586.103	-35.39	10.02	-25.0	10.39	359.00	Vertical	Vertical	Pass
6802.049	-35.17	18.98	-25.0	10.17	30.30	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.33.20

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC_FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9918.270	-52.08	19.94	-25.0	27.08	188.70	Vertical	Vertical	Pass
11816.796	-50.15	21.37	-25.0	25.15	81.20	Vertical	Vertical	Pass
14210.197	-42.54	29.64	-25.0	17.54	291.80	Vertical	Vertical	Pass
14492.127	-41.59	28.70	-25.0	16.59	307.10	Vertical	Vertical	Pass
18208.198	-32.19	37.06	-25.0	7.19	95.70	Vertical	Vertical	Pass
18853.037	-31.65	37.89	-25.0	6.65	142.20	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.27.11

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

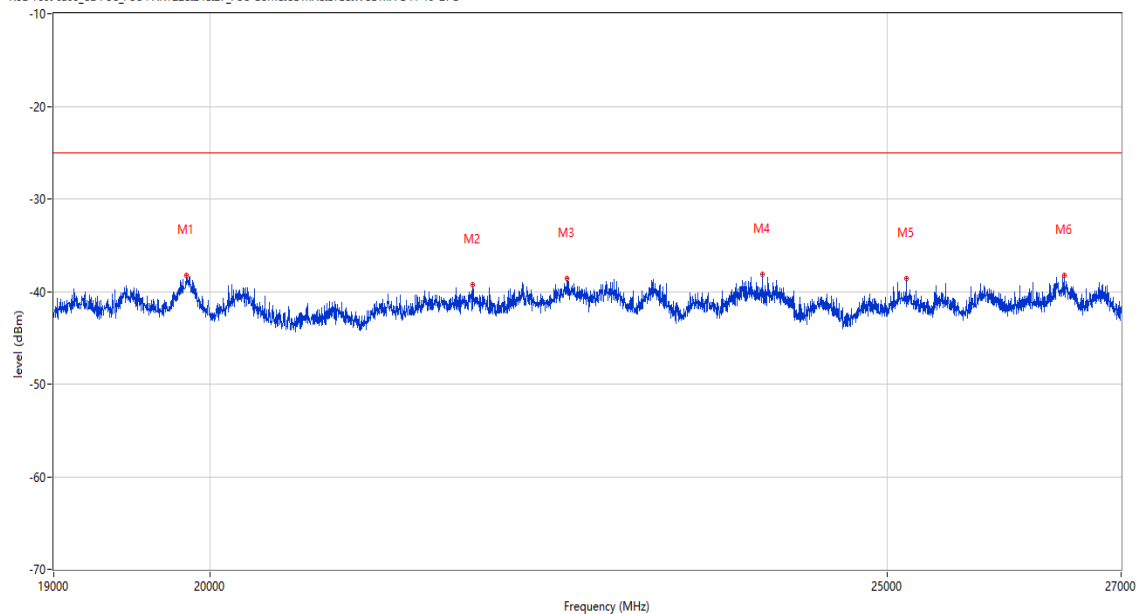
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19845.789	-38.25	14.02	-25.0	13.25	330.90	Vertical	Vertical	Pass
21807.298	-39.24	14.83	-25.0	14.24	264.20	Vertical	Vertical	Pass
22495.126	-38.54	15.31	-25.0	13.54	135.50	Vertical	Vertical	Pass
23992.752	-38.17	16.32	-25.0	13.17	27.20	Vertical	Vertical	Pass
25156.461	-38.63	14.89	-25.0	13.63	79.70	Vertical	Vertical	Pass
26498.125	-38.24	15.48	-25.0	13.24	85.30	Vertical	Vertical	Pass

6.7 LTE-B41-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.45.19

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

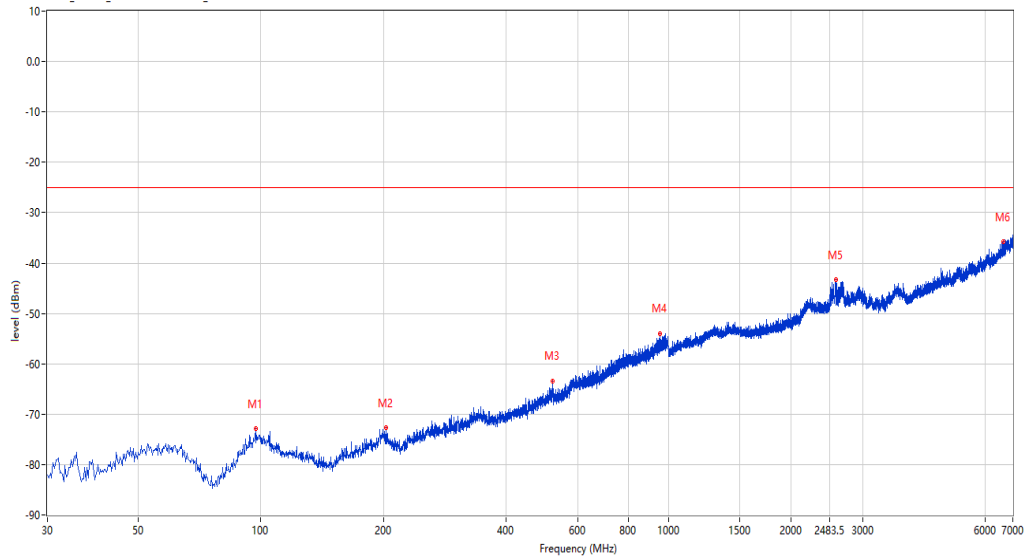
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
97.156	-72.91	-13.69	-25.0	47.91	236.40	Horizontal	Vertical	Pass
203.102	-72.70	-14.23	-25.0	47.70	26.30	Horizontal	Vertical	Pass
519.485	-63.42	-5.69	-25.0	38.42	254.60	Horizontal	Vertical	Pass
955.876	-54.07	2.94	-25.0	29.07	221.50	Horizontal	Vertical	Pass
2584.104	-43.36	10.03	-25.0	18.36	96.70	Horizontal	Vertical	Pass
6649.088	-35.80	18.65	-25.0	10.80	62.00	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.51.41

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

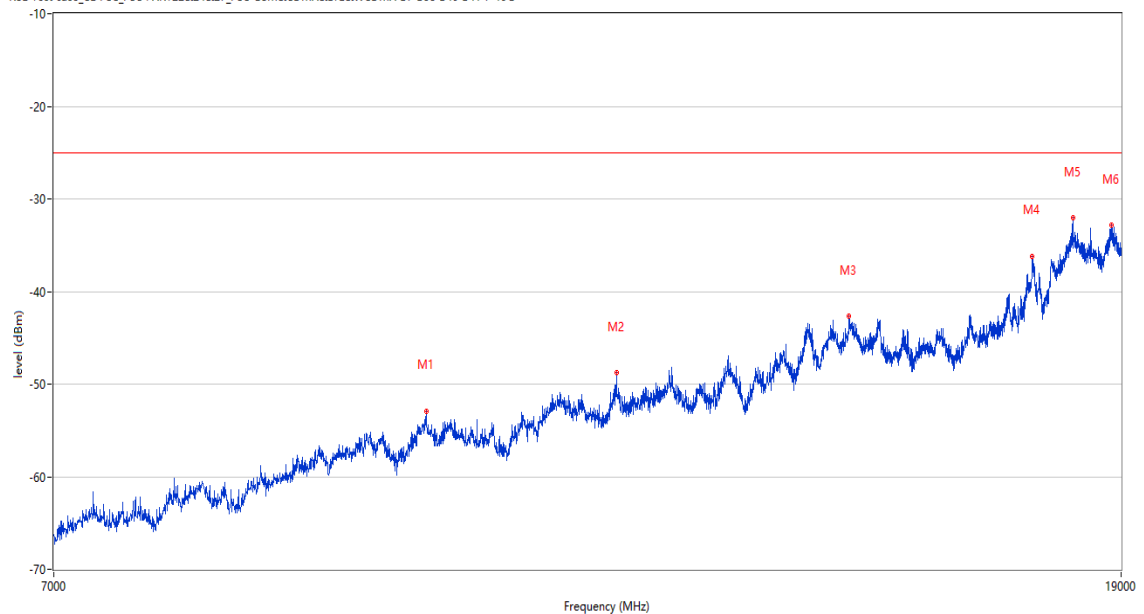
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9918.270	-52.89	19.22	-25.0	27.89	112.80	Horizontal	Vertical	Pass
11852.787	-48.74	22.15	-25.0	23.74	238.60	Horizontal	Vertical	Pass
14726.068	-42.66	28.71	-25.0	17.66	347.30	Horizontal	Vertical	Pass
17485.379	-36.27	34.87	-25.0	11.27	300.70	Horizontal	Vertical	Pass
18166.208	-32.05	36.23	-25.0	7.05	64.00	Horizontal	Vertical	Pass
18826.043	-32.83	37.09	-25.0	7.83	329.80	Horizontal	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_10.53.39

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

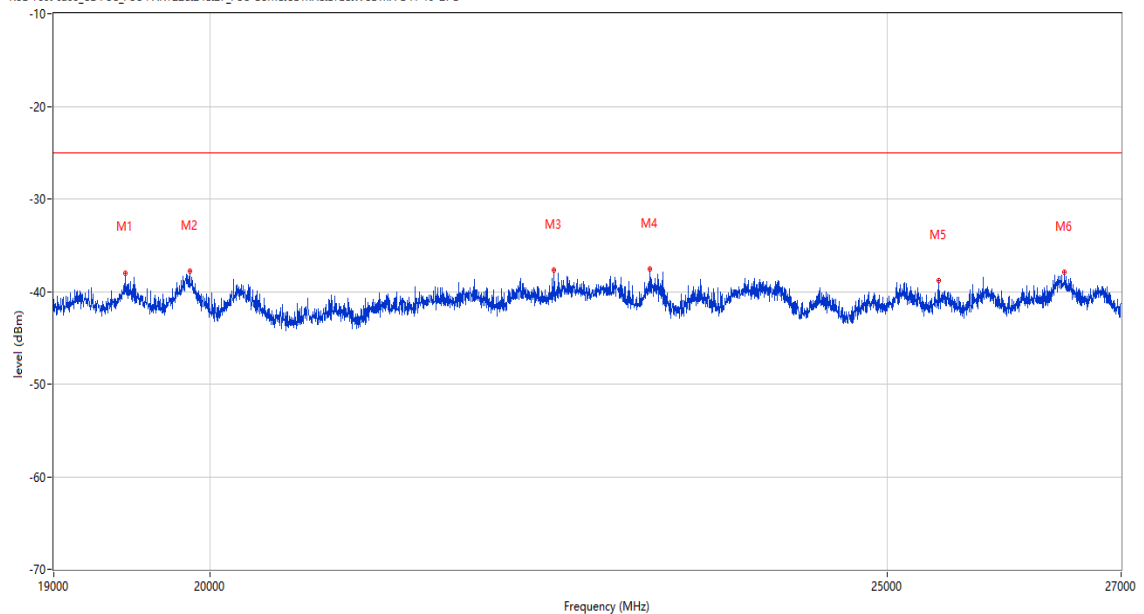
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
19451.887	-38.00	14.01	-25.0	13.00	166.00	Horizontal	Vertical	Pass
19869.783	-37.76	14.36	-25.0	12.76	22.70	Horizontal	Vertical	Pass
22403.149	-37.64	15.68	-25.0	12.64	42.10	Horizontal	Vertical	Pass
23120.970	-37.60	15.35	-25.0	12.60	102.00	Horizontal	Vertical	Pass
25428.393	-38.86	15.29	-25.0	13.86	113.60	Horizontal	Vertical	Pass
26504.124	-37.96	16.04	-25.0	12.96	65.50	Horizontal	Vertical	Pass

6.8 LTE-B41-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_16.50.34

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

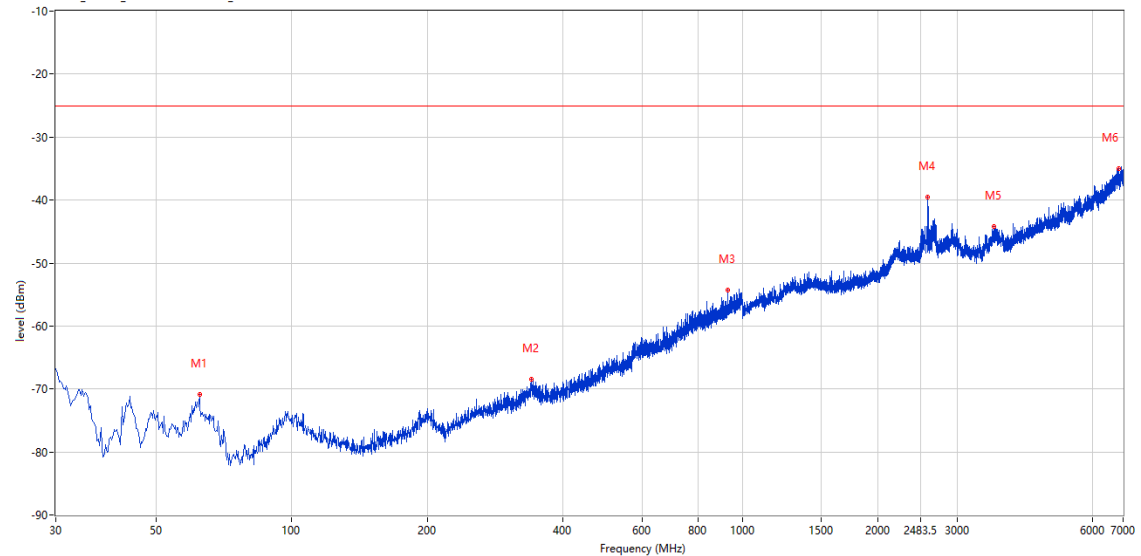
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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
62.487	-70.84	-15.99	-25.0	45.84	206.60	Vertical	Vertical	Pass
340.080	-68.43	-8.98	-25.0	43.43	0.20	Vertical	Vertical	Pass
927.511	-54.29	2.26	-25.0	29.29	242.40	Vertical	Vertical	Pass
2584.104	-39.60	10.03	-25.0	14.60	6.90	Vertical	Vertical	Pass
3624.844	-44.24	12.18	-25.0	19.24	153.30	Vertical	Vertical	Pass
6851.037	-35.02	19.31	-25.0	10.02	89.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.31.20

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

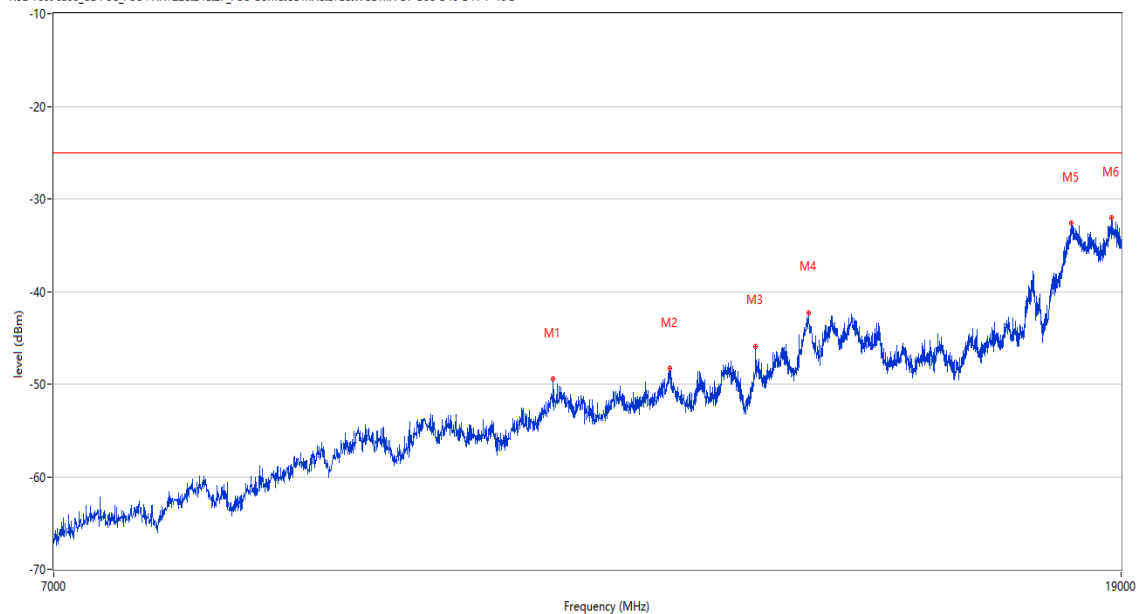
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE FCC PART22&24&27_FCC GSM&CDMA<E&WCDMA B7 B38 B40 B41 7-19G



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11168.958	-49.48	20.82	-25.0	24.48	266.90	Vertical	Vertical	Pass
12452.637	-48.33	22.74	-25.0	23.33	338.30	Vertical	Vertical	Pass
13499.375	-45.96	26.29	-25.0	20.96	1.00	Vertical	Vertical	Pass
14186.203	-42.27	30.31	-25.0	17.27	257.90	Vertical	Vertical	Pass
18133.217	-32.60	36.96	-25.0	7.60	257.90	Vertical	Vertical	Pass
18832.042	-32.07	37.86	-25.0	7.07	152.60	Vertical	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_11.29.09

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

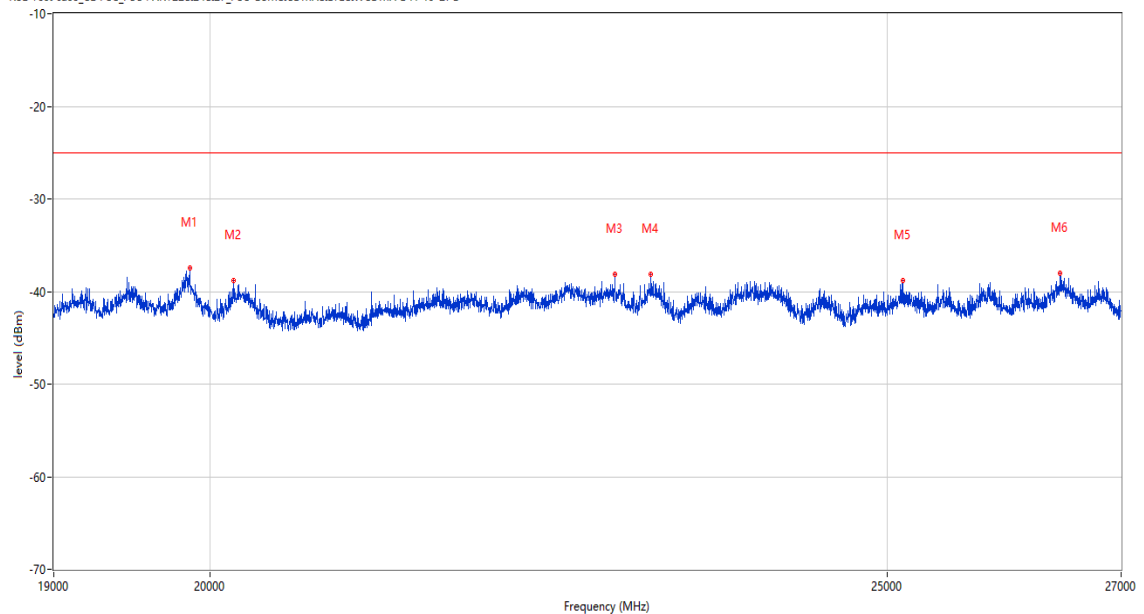
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

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
19871.782	-37.47	14.06	-25.0	12.47	16.80	Vertical	Vertical	Pass
20155.711	-38.86	13.96	-25.0	13.86	308.60	Vertical	Vertical	Pass
22853.037	-38.16	15.19	-25.0	13.16	289.50	Vertical	Vertical	Pass
23128.968	-38.18	14.95	-25.0	13.18	0.40	Vertical	Vertical	Pass
25126.468	-38.82	14.88	-25.0	13.82	22.00	Vertical	Vertical	Pass
26464.134	-38.04	15.42	-25.0	13.04	158.90	Vertical	Vertical	Pass

7 LTE B66

7.1 LTE-B66-1.4-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.58.18

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

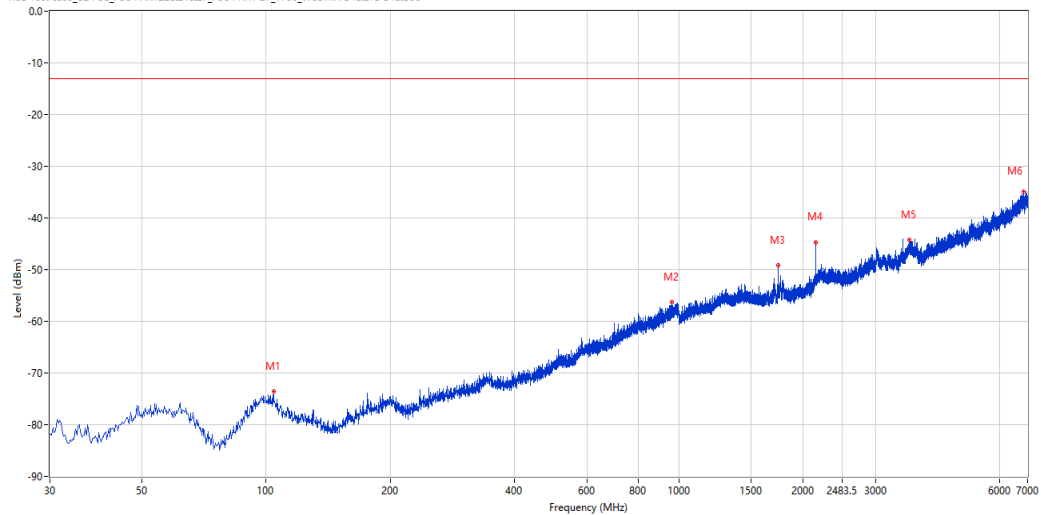
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	104.429	-73.63	-15.16	-13.0	60.63	Peak	137.40	100	Horizontal	Pass
2	962.422	-56.29	1.22	-13.0	43.29	Peak	300.00	100	Horizontal	Pass
3	1744.407	-49.17	2.12	-13.0	36.17	Peak	140.60	100	Horizontal	Pass
4	2144.607	-44.69	3.04	-13.0	31.69	Peak	285.70	100	Horizontal	Pass
5	3624.422	-44.23	12.18	-13.0	31.23	Peak	359.80	100	Horizontal	Pass
6	6852.518	-34.83	19.29	-13.0	21.83	Peak	329.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.22.39

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

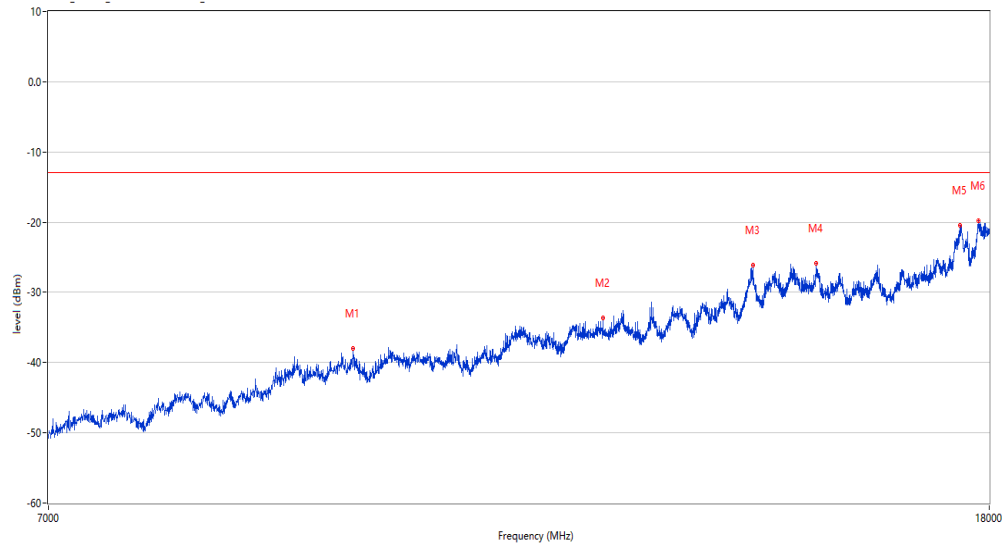
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE_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
9507.373	-38.00	28.36	-13.0	25.00	359.10	Horizontal	Vertical	Pass
12212.697	-33.61	31.80	-13.0	20.61	297.00	Horizontal	Vertical	Pass
14200.450	-26.14	39.13	-13.0	13.14	116.10	Horizontal	Vertical	Pass
15126.968	-25.80	37.01	-13.0	12.80	35.70	Horizontal	Vertical	Pass
17485.879	-20.43	44.88	-13.0	7.43	116.10	Horizontal	Vertical	Pass
17802.049	-19.79	44.46	-13.0	6.79	353.50	Horizontal	Vertical	Pass

7.2 LTE-B66-1.4-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.12.23

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

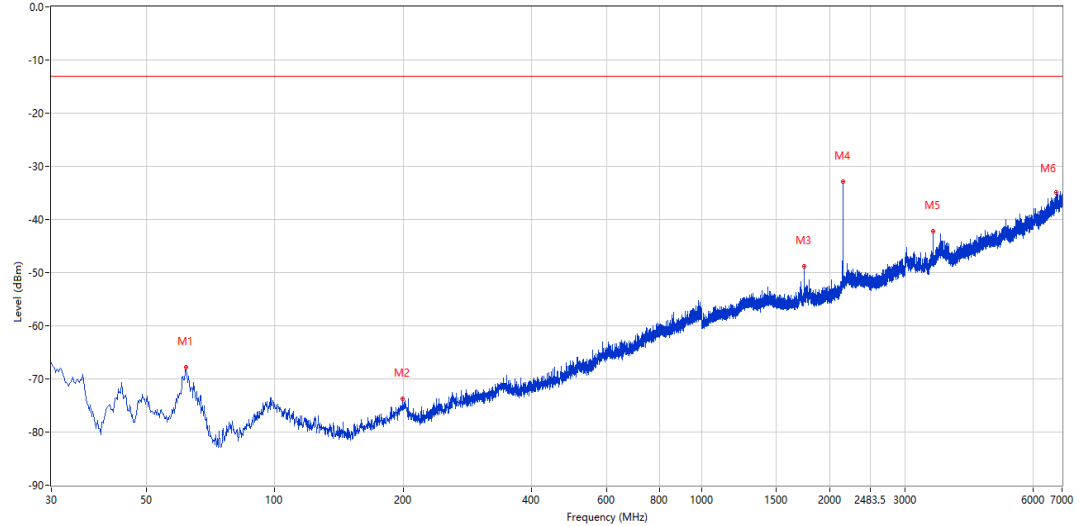
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.002	-67.85	-16.22	-13.0	54.85	Peak	194.80	100	Vertical	Pass
2	199.465	-73.80	-14.60	-13.0	60.80	Peak	249.20	100	Vertical	Pass
3	1744.407	-49.06	2.12	-13.0	36.06	Peak	353.60	100	Vertical	Pass
4	2144.857	-33.27	3.05	-13.0	20.27	Peak	281.90	100	Vertical	Pass
5	3488.939	-42.24	9.82	-13.0	29.24	Peak	0.60	100	Vertical	Pass
6	6776.528	-34.97	19.21	-13.0	21.97	Peak	91.10	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.00.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

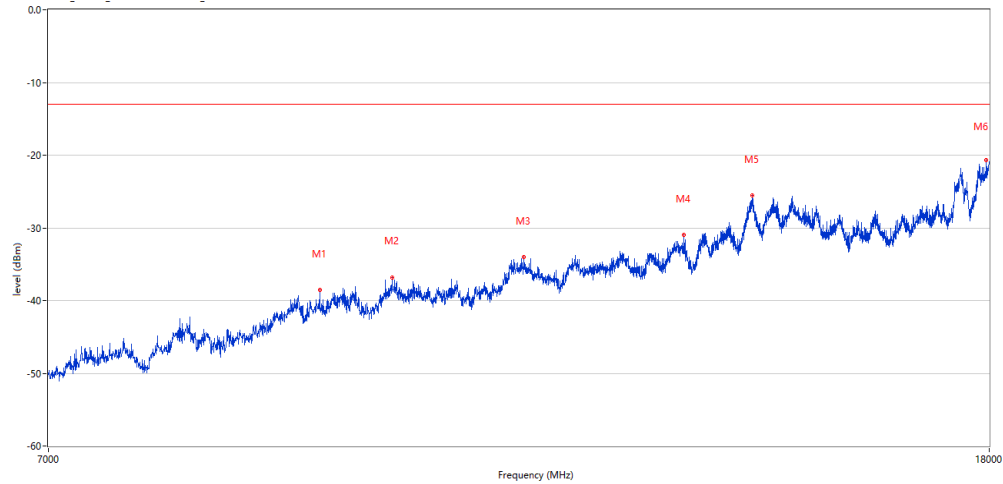
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
9191.202	-38.49	27.15	-13.0	25.49	144.80	Vertical	Vertical	Pass
9886.778	-36.80	29.63	-13.0	23.80	179.00	Vertical	Vertical	Pass
11283.429	-34.04	31.88	-13.0	21.04	37.20	Vertical	Vertical	Pass
13251.937	-30.92	33.79	-13.0	17.92	304.10	Vertical	Vertical	Pass
14194.951	-25.58	40.11	-13.0	12.58	2.00	Vertical	Vertical	Pass
17945.014	-20.66	44.41	-13.0	7.66	54.00	Vertical	Vertical	Pass

7.3 LTE-B66-3-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.55.23

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

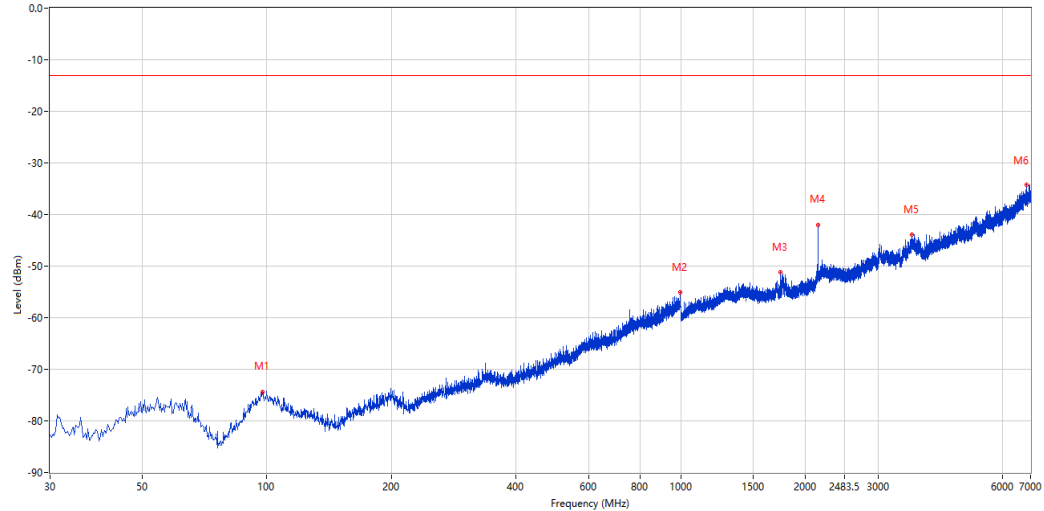
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Addition: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	97.883	-74.45	-13.76	-13.0	61.45	Peak	223.70	100	Horizontal	Pass
2	998.060	-55.15	2.01	-13.0	42.15	Peak	254.60	100	Horizontal	Pass
3	1743.657	-51.27	2.11	-13.0	38.27	Peak	139.00	100	Horizontal	Pass
4	2145.607	-41.95	3.07	-13.0	28.95	Peak	280.10	100	Horizontal	Pass
5	3614.423	-43.96	11.99	-13.0	30.96	Peak	122.70	100	Horizontal	Pass
6	6830.521	-34.31	19.18	-13.0	21.31	Peak	99.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.21.04

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

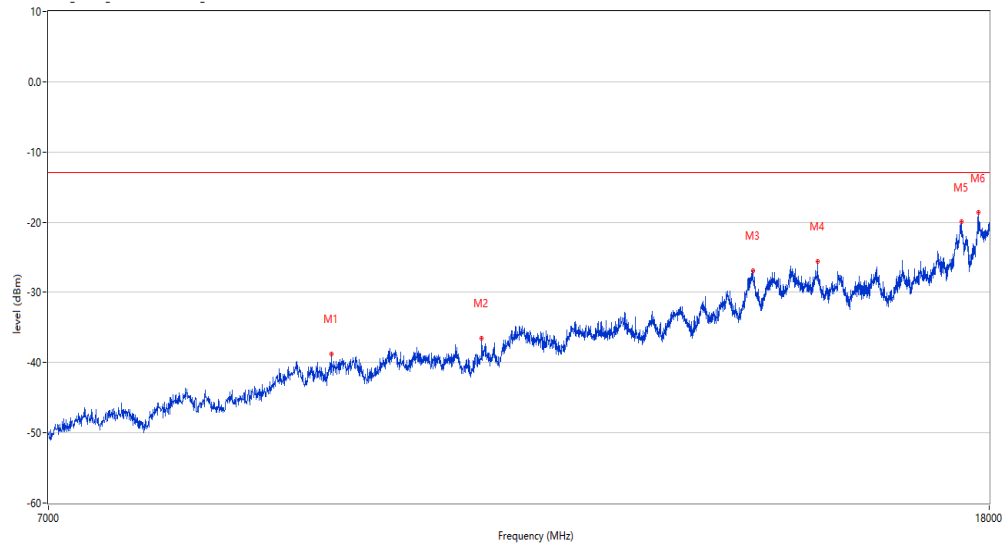
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
9298.425	-38.79	27.19	-13.0	25.79	22.80	Horizontal	Vertical	Pass
10816.046	-36.59	28.42	-13.0	23.59	11.20	Horizontal	Vertical	Pass
14200.450	-26.92	39.13	-13.0	13.92	8.60	Horizontal	Vertical	Pass
15154.461	-25.59	37.29	-13.0	12.59	327.00	Horizontal	Vertical	Pass
17502.374	-19.92	45.01	-13.0	6.92	4.00	Horizontal	Vertical	Pass
17804.799	-18.67	44.43	-13.0	5.67	137.10	Horizontal	Vertical	Pass

7.4 LTE-B66-3-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.09.08

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

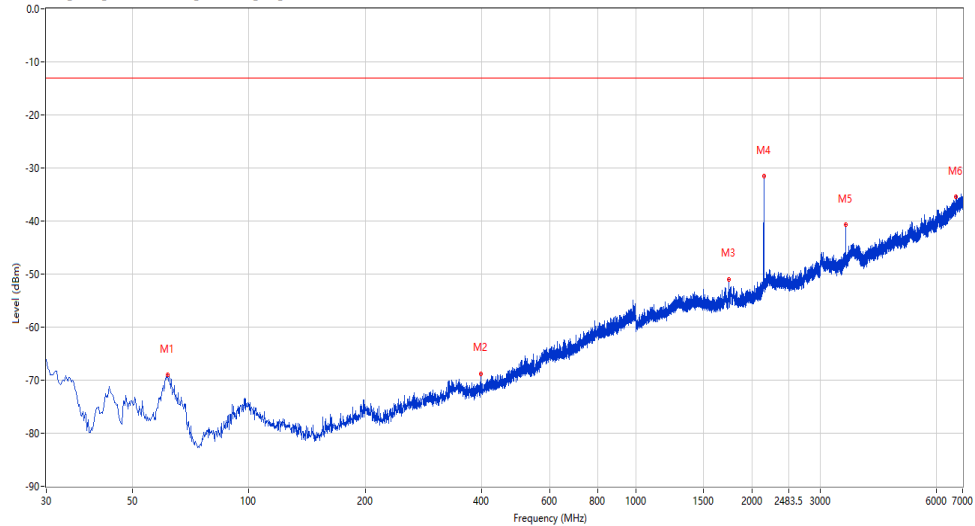
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-69.00	-16.25	-13.0	56.00	Peak	199.20	100	Vertical	Pass
2	398.508	-68.90	-10.47	-13.0	55.90	Peak	310.80	100	Vertical	Pass
3	1743.657	-50.96	2.11	-13.0	37.96	Peak	340.40	100	Vertical	Pass
4	2144.857	-31.55	3.05	-13.0	18.55	Peak	168.80	100	Vertical	Pass
5	3486.939	-40.75	9.80	-13.0	27.75	Peak	139.90	100	Vertical	Pass
6	6730.534	-35.37	18.80	-13.0	22.37	Peak	338.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.02.21

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

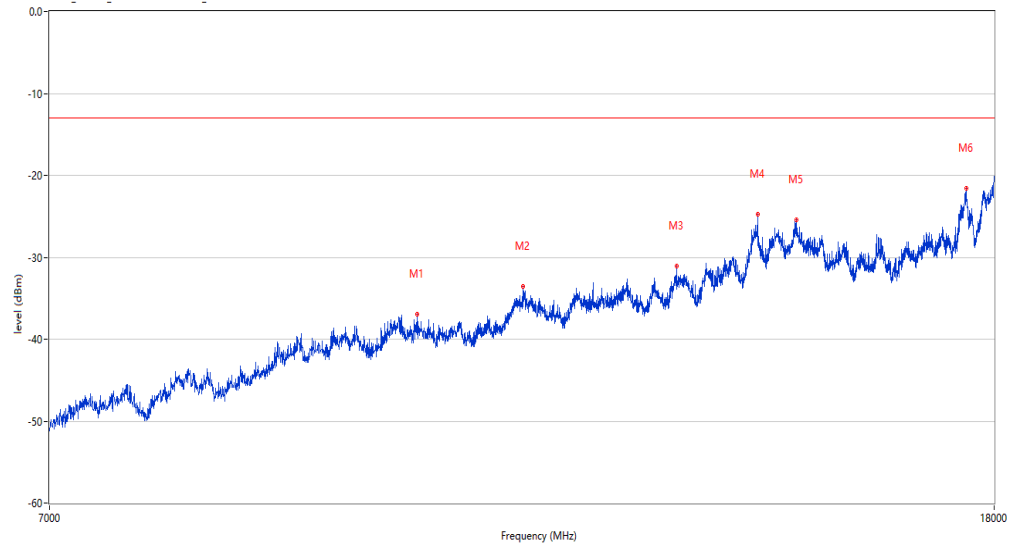
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

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
10106.723	-36.99	29.16	-13.0	23.99	257.20	Vertical	Vertical	Pass
11242.189	-33.61	31.51	-13.0	20.61	40.30	Vertical	Vertical	Pass
13100.725	-31.10	34.45	-13.0	18.10	62.60	Vertical	Vertical	Pass
14208.698	-24.74	39.69	-13.0	11.74	331.30	Vertical	Vertical	Pass
14766.808	-25.44	39.80	-13.0	12.44	302.60	Vertical	Vertical	Pass
17502.374	-21.60	43.17	-13.0	8.60	288.50	Vertical	Vertical	Pass

7.5 LTE-B66-5-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.48.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

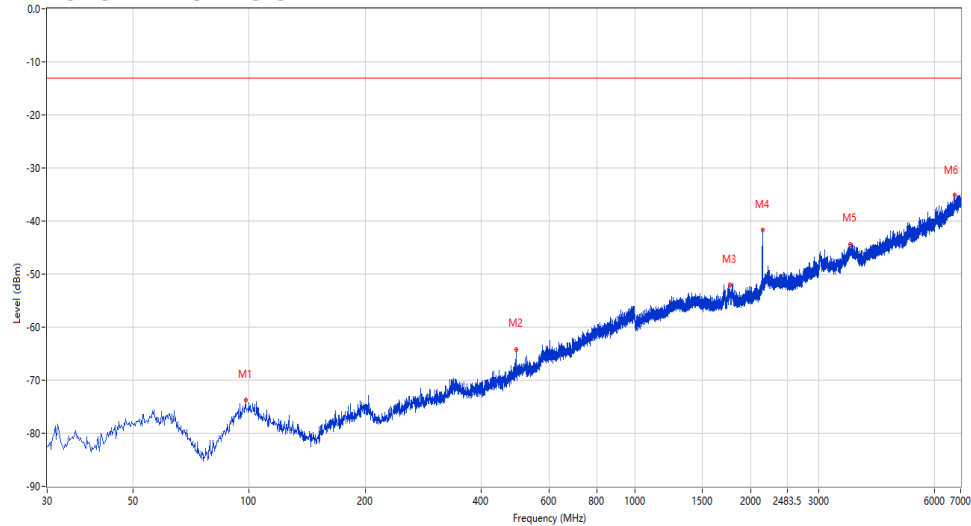
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	98.125	-73.66	-13.72	-13.0	60.66	Peak	159.70	100	Horizontal	Pass
2	492.332	-64.27	-8.04	-13.0	51.27	Peak	284.00	100	Horizontal	Pass
3	1765.154	-52.07	2.30	-13.0	39.07	Peak	292.80	100	Horizontal	Pass
4	2145.107	-41.71	3.05	-13.0	28.71	Peak	276.40	100	Horizontal	Pass
5	3622.422	-44.48	12.15	-13.0	31.48	Peak	250.00	100	Horizontal	Pass
6	6763.530	-35.17	19.23	-13.0	22.17	Peak	91.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.19.42

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

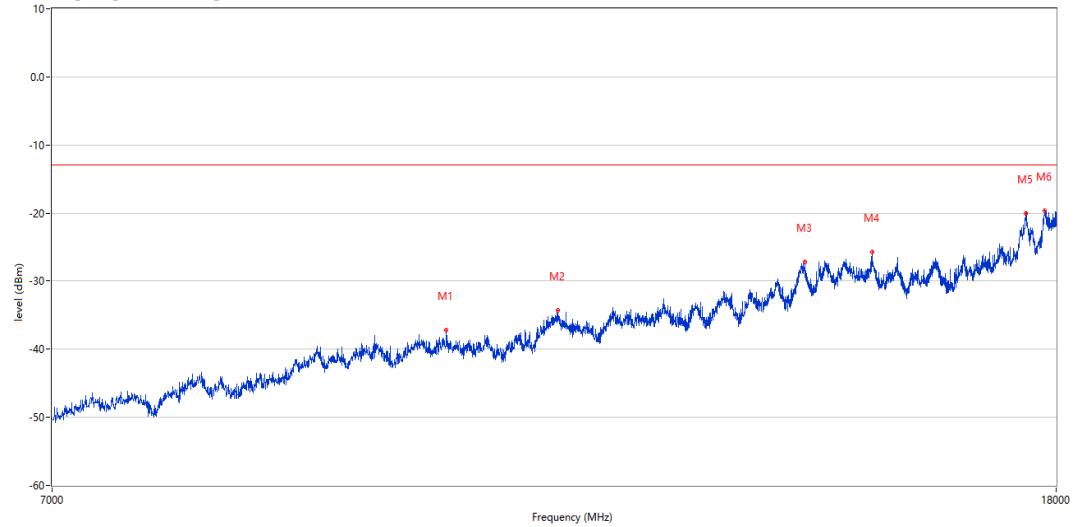
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_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
10142.464	-37.17	28.52	-13.0	24.17	111.70	Horizontal	Vertical	Pass
11264.184	-34.35	31.52	-13.0	21.35	175.00	Horizontal	Vertical	Pass
14211.447	-27.24	38.72	-13.0	14.24	215.60	Horizontal	Vertical	Pass
15140.715	-25.70	37.23	-13.0	12.70	72.60	Horizontal	Vertical	Pass
17491.377	-20.07	44.99	-13.0	7.07	252.80	Horizontal	Vertical	Pass
17802.049	-19.64	44.46	-13.0	6.64	346.50	Horizontal	Vertical	Pass

7.6 LTE-B66-5-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.05.41

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

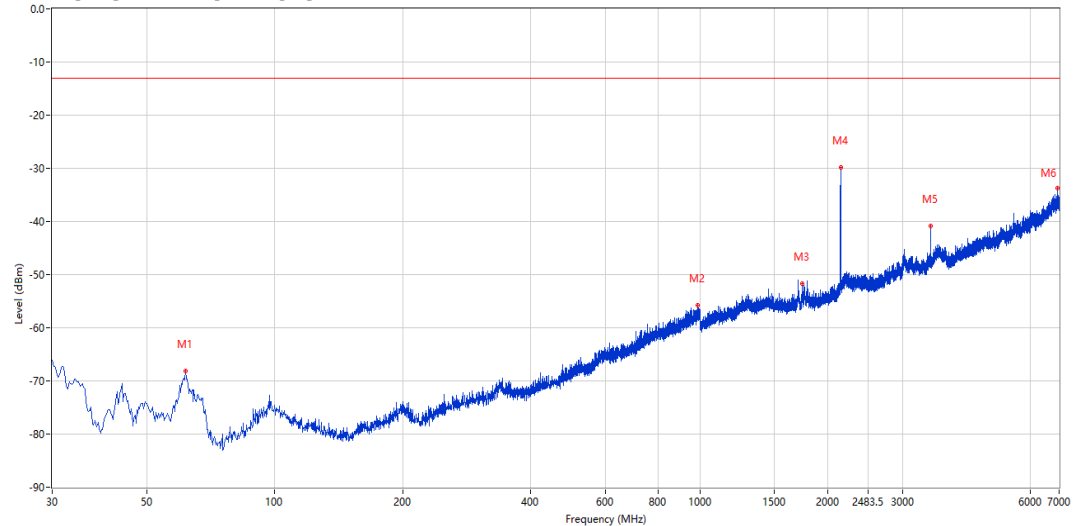
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-68.22	-16.25	-13.0	55.22	Peak	196.50	100	Vertical	Pass
2	987.878	-55.71	1.79	-13.0	42.71	Peak	108.00	100	Vertical	Pass
3	1744.407	-51.78	2.12	-13.0	38.78	Peak	101.10	100	Vertical	Pass
4	2144.357	-29.83	3.03	-13.0	16.83	Peak	263.30	100	Vertical	Pass
5	3485.439	-41.13	9.78	-13.0	28.13	Peak	0.20	100	Vertical	Pass
6	6936.508	-33.74	19.30	-13.0	20.74	Peak	0.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.03.51

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

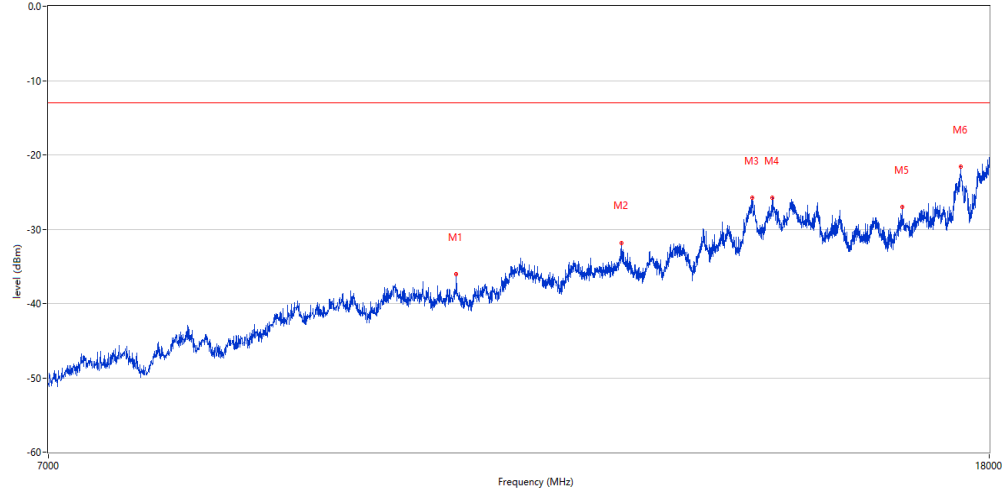
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
10543.864	-35.99	29.05	-13.0	22.99	227.90	Vertical	Vertical	Pass
12440.890	-31.82	32.63	-13.0	18.82	205.20	Vertical	Vertical	Pass
14189.453	-25.74	40.30	-13.0	12.74	0.00	Vertical	Vertical	Pass
14475.381	-25.77	38.74	-13.0	12.77	110.70	Vertical	Vertical	Pass
16498.875	-27.06	36.46	-13.0	14.06	25.00	Vertical	Vertical	Pass
17491.377	-21.59	43.19	-13.0	8.59	207.80	Vertical	Vertical	Pass

7.7 LTE-B66-10-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.44.55

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

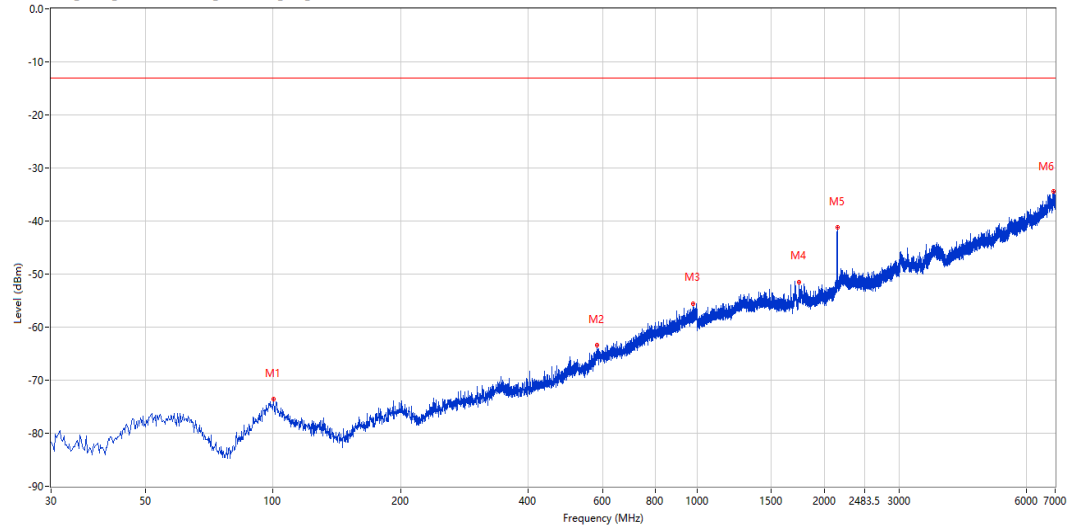
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	100.550	-73.62	-14.23	-13.0	60.62	Peak	322.00	100	Horizontal	Pass
2	581.065	-63.37	-5.21	-13.0	50.37	Peak	89.10	100	Horizontal	Pass
3	978.180	-55.56	1.58	-13.0	42.56	Peak	72.00	100	Horizontal	Pass
4	1740.657	-51.57	2.06	-13.0	38.57	Peak	297.60	100	Horizontal	Pass
5	2145.357	-41.21	3.06	-13.0	28.21	Peak	282.80	100	Horizontal	Pass
6	6937.508	-34.37	19.32	-13.0	21.37	Peak	114.80	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.18.20

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

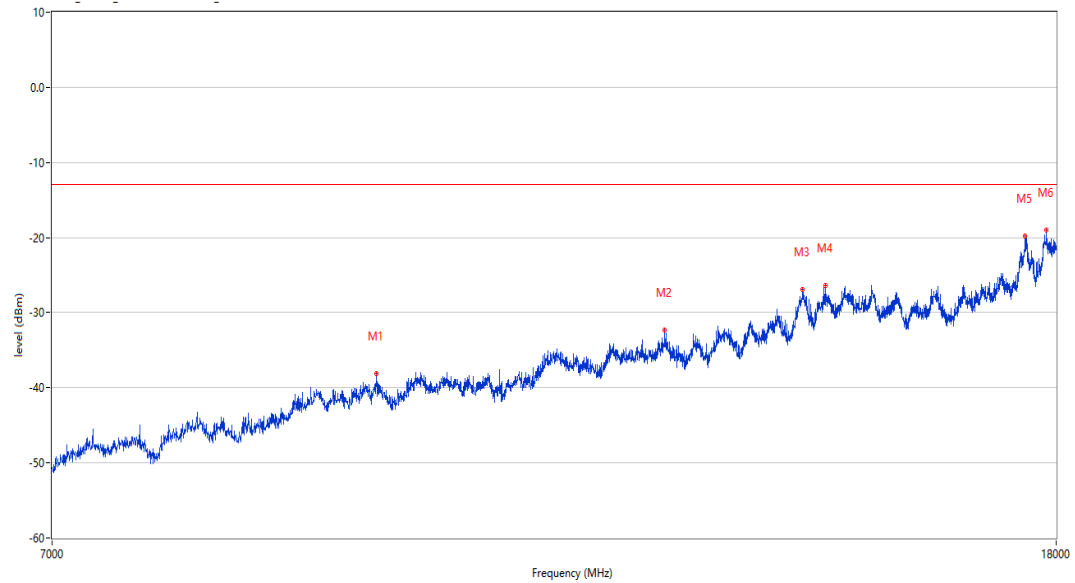
Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

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
9499.125	-38.17	28.36	-13.0	25.17	149.30	Horizontal	Vertical	Pass
12454.636	-32.34	32.58	-13.0	19.34	16.40	Horizontal	Vertical	Pass
14183.954	-26.96	39.34	-13.0	13.96	337.30	Horizontal	Vertical	Pass
14483.629	-26.42	37.74	-13.0	13.42	186.20	Horizontal	Vertical	Pass
17485.879	-19.86	44.88	-13.0	6.86	181.00	Horizontal	Vertical	Pass
17832.292	-18.98	44.10	-13.0	5.98	163.10	Horizontal	Vertical	Pass

7.8 LTE-B66-10-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.15.24

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

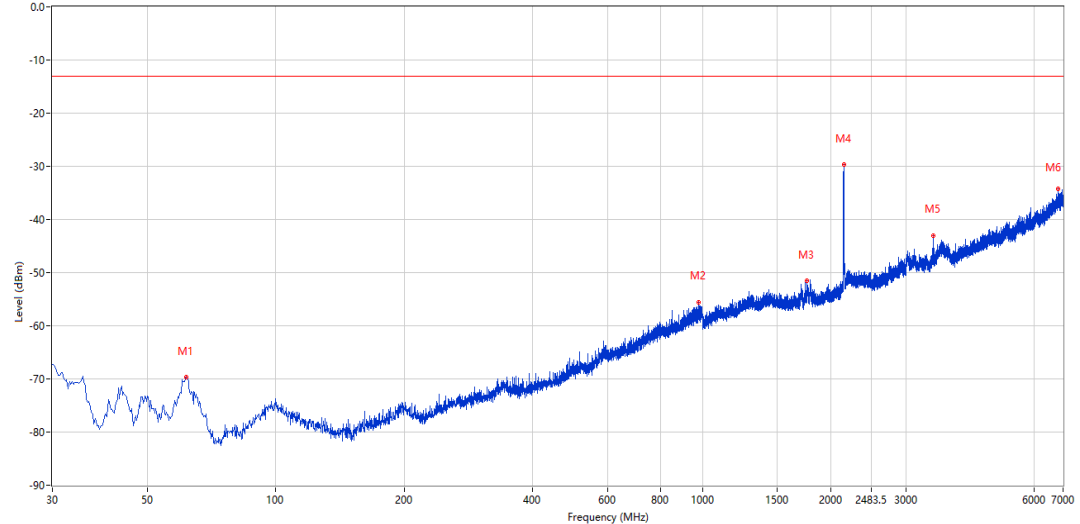
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-69.72	-16.25	-13.0	56.72	Peak	206.80	100	Vertical	Pass
2	981.575	-55.51	1.65	-13.0	42.51	Peak	233.70	100	Vertical	Pass
3	1761.155	-51.59	2.28	-13.0	38.59	Peak	172.70	100	Vertical	Pass
4	2147.857	-29.67	3.13	-13.0	16.67	Peak	238.20	100	Vertical	Pass
5	3480.940	-43.89	9.74	-13.0	30.89	Peak	360.40	100	Vertical	Pass
6	6808.524	-34.16	19.03	-13.0	21.16	Peak	2.80	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.07.38

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

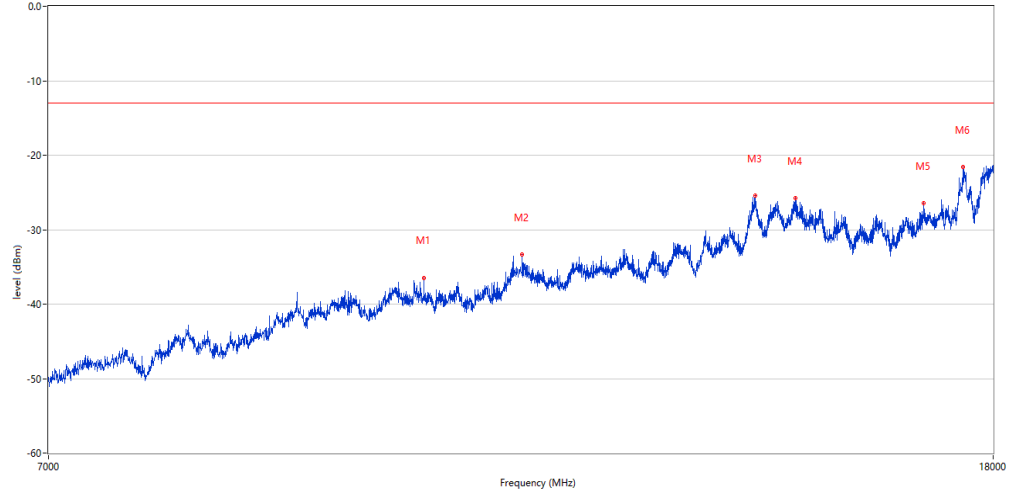
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
10189.203	-36.50	28.54	-13.0	23.50	161.90	Vertical	Vertical	Pass
11242.189	-33.39	31.51	-13.0	20.39	243.50	Vertical	Vertical	Pass
14194.951	-25.45	40.11	-13.0	12.45	218.20	Vertical	Vertical	Pass
14775.056	-25.79	39.61	-13.0	12.79	20.10	Vertical	Vertical	Pass
16790.302	-26.45	36.55	-13.0	13.45	170.90	Vertical	Vertical	Pass
17463.884	-21.58	41.88	-13.0	8.58	65.20	Vertical	Vertical	Pass

7.9 LTE-B66-15-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.40.06

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

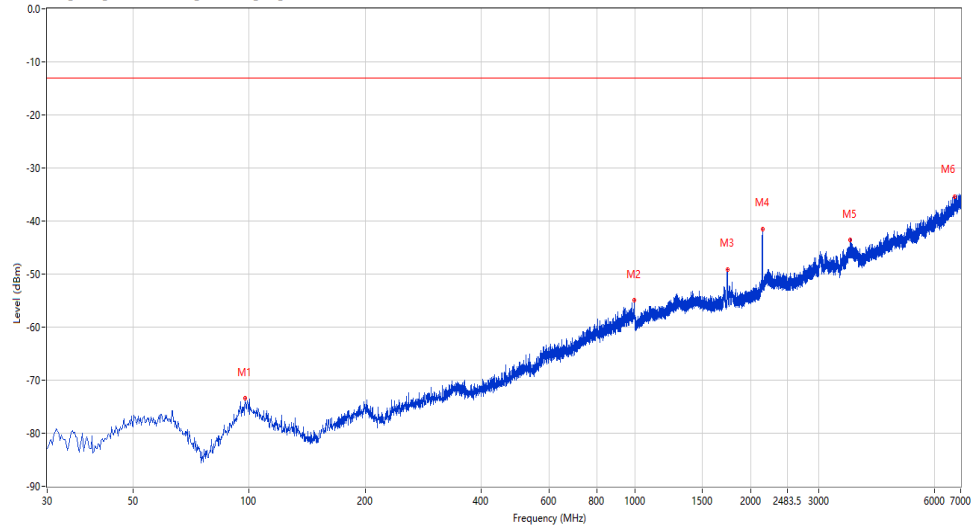
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

RSE Test case: CE_FCC_FCC PART22&24&27_FCC PART 27_1700_WCDMA B4<E B4&B66



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	97.883	-73.42	-13.76	-13.0	60.42	Peak	49.50	100	Horizontal	Pass
2	995.879	-54.94	1.96	-13.0	41.94	Peak	249.70	100	Horizontal	Pass
3	1738.408	-49.13	2.03	-13.0	36.13	Peak	134.90	100	Horizontal	Pass
4	2144.857	-41.48	3.05	-13.0	28.48	Peak	277.10	100	Horizontal	Pass
5	3612.923	-43.60	11.96	-13.0	30.60	Peak	0.10	100	Horizontal	Pass
6	6755.031	-35.50	19.24	-13.0	22.50	Peak	65.80	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.16.36

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

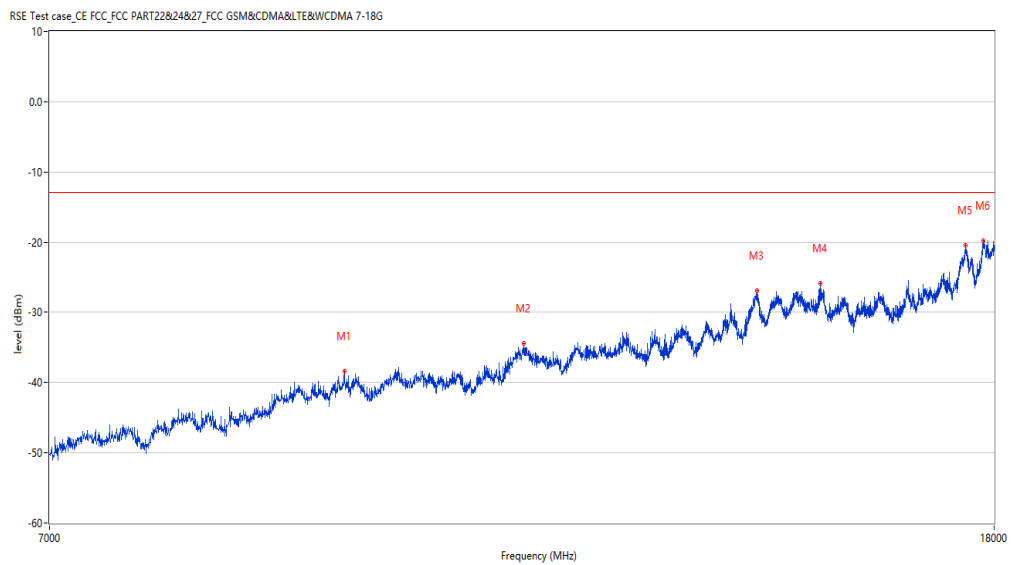
Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9400.150	-38.37	28.17	-13.0	25.37	27.60	Horizontal	Vertical	Pass
11244.939	-34.41	31.35	-13.0	21.41	0.00	Horizontal	Vertical	Pass
14197.701	-26.94	39.21	-13.0	13.94	0.30	Horizontal	Vertical	Pass
15132.467	-25.89	37.10	-13.0	12.89	42.50	Horizontal	Vertical	Pass
17488.628	-20.45	44.93	-13.0	7.45	0.00	Horizontal	Vertical	Pass
17807.548	-19.81	44.40	-13.0	6.81	275.80	Horizontal	Vertical	Pass

7.10 LTE-B66-15-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.18.46

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 21

Hum.: 51%

Test Engineer: LS

Test Standard: FCC

Work Addition: TX

Load: full load

Remark: DR-RSE01-E23010013-01#05

Name: Certification

Project Template: MS Project Template.ini

Manufacture: N.A

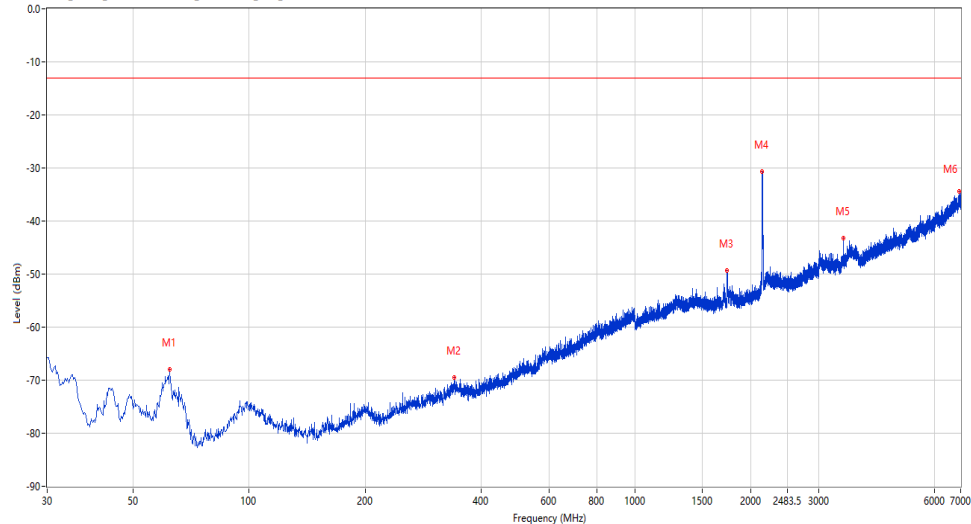
Model Name: N.A

Templ.(oC): 21

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.244	-67.96	-16.27	-13.0	54.96	Peak	177.60	100	Vertical	Pass
2	340.565	-69.48	-10.09	-13.0	56.48	Peak	284.80	100	Vertical	Pass
3	1737.908	-49.29	2.02	-13.0	36.29	Peak	139.80	100	Vertical	Pass
4	2142.107	-30.61	2.97	-13.0	17.61	Peak	213.50	100	Vertical	Pass
5	3476.940	-43.22	9.73	-13.0	30.22	Peak	2.20	100	Vertical	Pass
6	6952.506	-34.45	19.49	-13.0	21.45	Peak	207.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.09.21

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

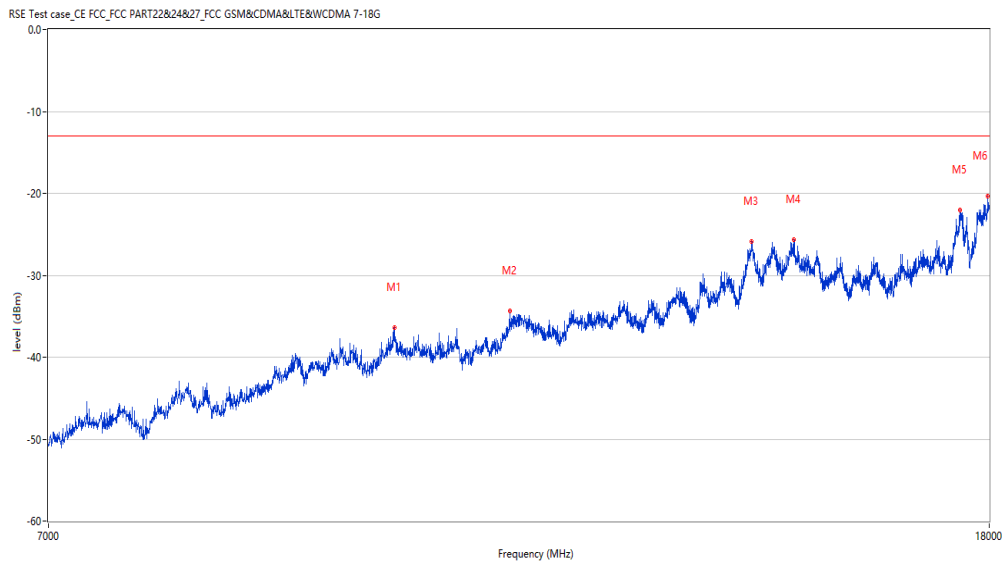
Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
9906.023	-36.42	29.94	-13.0	23.42	352.10	Vertical	Vertical	Pass
11126.718	-34.31	30.45	-13.0	21.31	255.00	Vertical	Vertical	Pass
14181.205	-25.93	40.20	-13.0	12.93	357.80	Vertical	Vertical	Pass
14791.552	-25.66	39.23	-13.0	12.66	132.20	Vertical	Vertical	Pass
17485.879	-22.04	43.10	-13.0	9.04	210.00	Vertical	Vertical	Pass
17975.256	-20.38	45.17	-13.0	7.38	280.70	Vertical	Vertical	Pass

7.11 LTE-B66-20-MCH-H-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.33.54

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

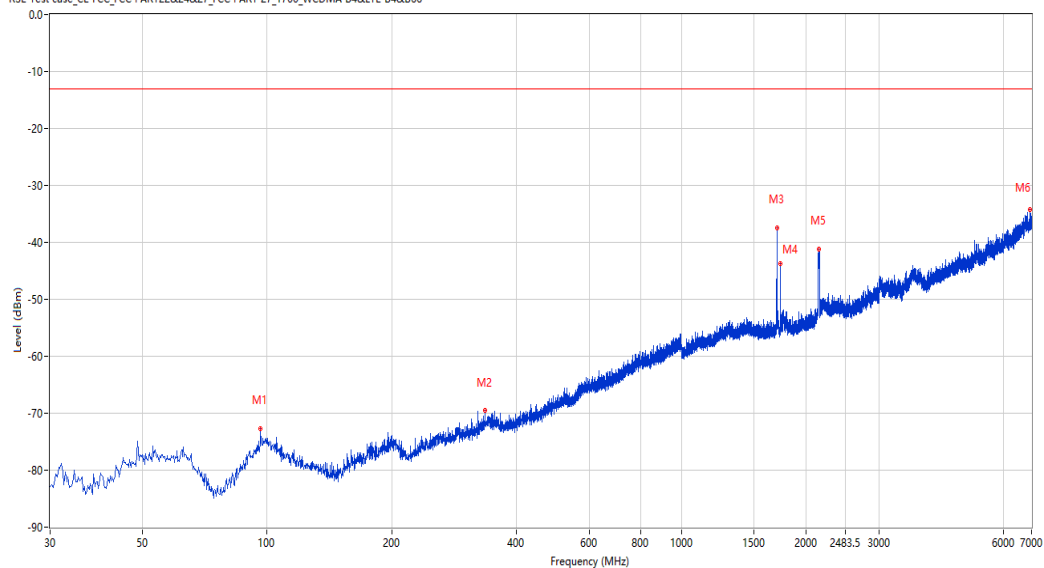
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Addition: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	96.671	-72.67	-14.38	-13.0	59.67	Peak	358.00	100	Horizontal	Pass
2	335.959	-69.53	-10.47	-13.0	56.53	Peak	206.30	100	Horizontal	Pass
3	1700.162	-37.39	0.94	-13.0	24.39	Peak	138.00	100	Horizontal	Pass
4	1736.158	-43.78	2.00	-13.0	30.78	Peak	132.40	100	Horizontal	Pass
5	2152.356	-41.22	3.23	-13.0	28.22	Peak	284.90	100	Horizontal	Pass
6	6951.506	-34.24	19.50	-13.0	21.24	Peak	359.90	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.14.13

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

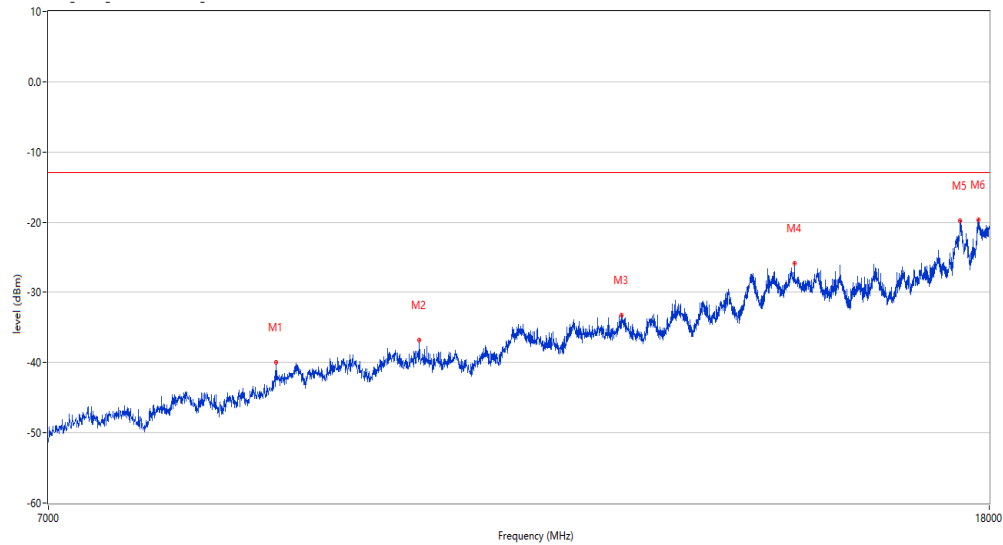
Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05

RSE Test case_CE 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
8795.301	-40.02	25.41	-13.0	27.02	61.80	Horizontal	Vertical	Pass
10158.960	-36.85	28.40	-13.0	23.85	262.10	Horizontal	Vertical	Pass
12440.890	-33.24	32.46	-13.0	20.24	287.40	Horizontal	Vertical	Pass
14799.800	-25.81	38.39	-13.0	12.81	210.70	Horizontal	Vertical	Pass
17477.631	-19.80	44.40	-13.0	6.80	31.00	Horizontal	Vertical	Pass
17807.548	-19.60	44.40	-13.0	6.60	307.10	Horizontal	Vertical	Pass

7.12 LTE-B66-20-MCH-V-TX

Test result

Project Number: Certification

Test Time: 2023-01-30_17.22.01

EUT Name: N.A

Load: full load

Manufacturer: N.A

Remark: DR-RSE01-E23010013-01#05

Model: N.A

Name: Certification

Temp.(oC): 21

Project Template: MS Project Template.ini

Hum.: 51%

Manufacture: N.A

Test Engineer: LS

Model Name: N.A

Test Standard: FCC

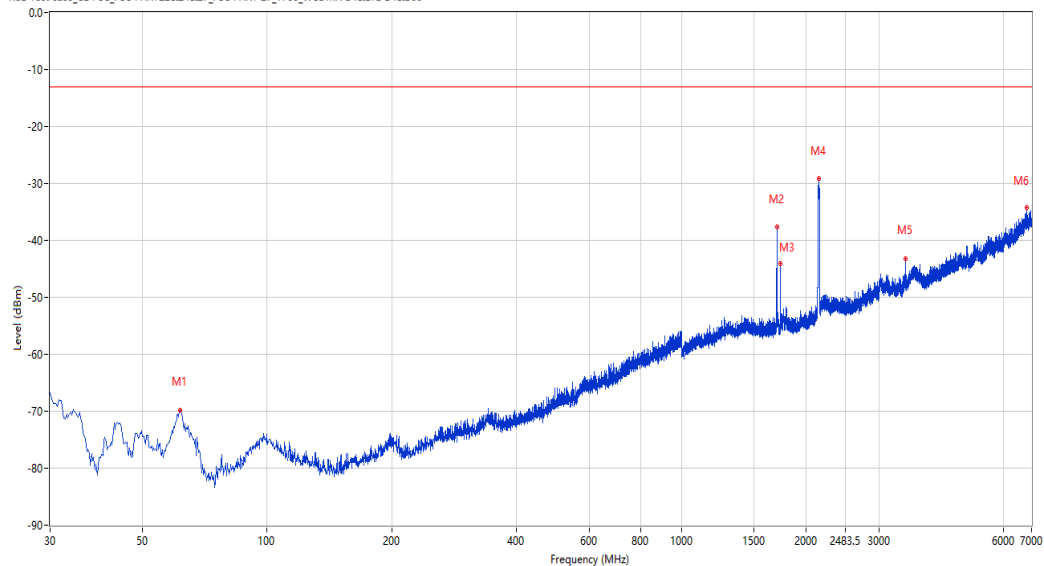
Templ.(oC): 21

Work Addition: TX

Hum: 51%

Work Additon: TX

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



No.	Frequency (MHz)	Results (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.760	-69.81	-16.25	-13.0	56.81	Peak	158.20	100	Vertical	Pass
2	1700.412	-37.58	1.07	-13.0	24.58	Peak	46.10	100	Vertical	Pass
3	1735.658	-44.01	1.99	-13.0	31.01	Peak	151.80	100	Vertical	Pass
4	2143.857	-29.19	3.02	-13.0	16.19	Peak	238.50	100	Vertical	Pass
5	3471.941	-43.18	9.71	-13.0	30.18	Peak	116.30	100	Vertical	Pass
6	6819.523	-34.21	19.11	-13.0	21.21	Peak	116.30	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-01-29_14.11.01

EUT Name: N.A

Test Engineer: LS

Manufacturer: N.A

Test Standard: FCC

Model: N.A

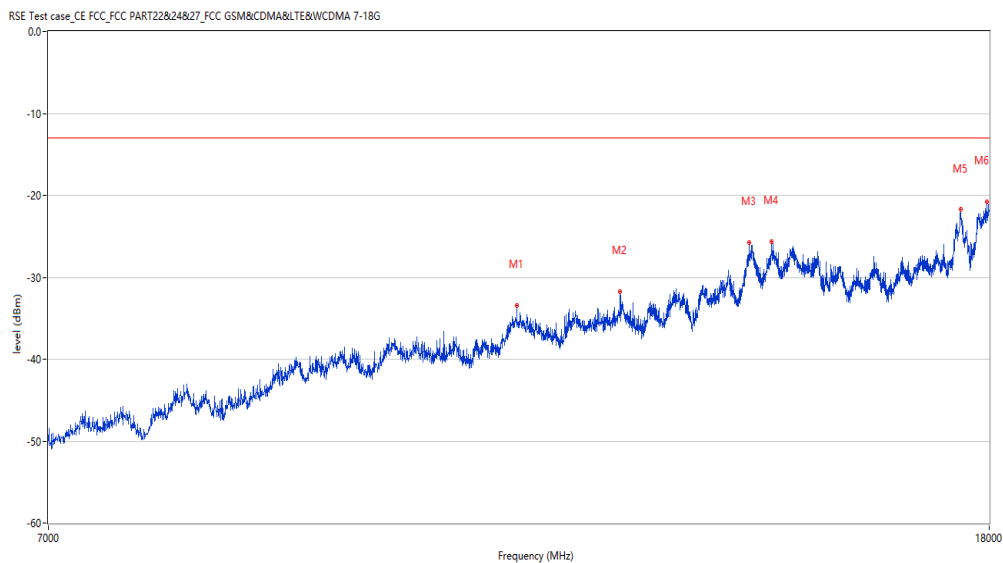
Work Addition: TX

Temp.(oC): 21

Load: full load

Hum.: 51%

Remark: DR-RSE01-E23010013-01#05



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
11203.699	-33.41	30.91	-13.0	20.41	304.80	Vertical	Vertical	Pass
12427.143	-31.72	32.50	-13.0	18.72	290.00	Vertical	Vertical	Pass
14148.213	-25.80	39.48	-13.0	12.80	56.60	Vertical	Vertical	Pass
14469.883	-25.60	38.69	-13.0	12.60	284.00	Vertical	Vertical	Pass
17494.126	-21.71	43.23	-13.0	8.71	164.50	Vertical	Vertical	Pass
17958.760	-20.76	44.76	-13.0	7.76	253.50	Vertical	Vertical	Pass