
Field Strength of Spurious Radiation

GSM and WCDMA Mode Test Verdict

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

LTE Mode Test Verdict

Test Band	UL Channel	Bandwidth (MHz)	UL RB Number	UL RB Position	Verdict
Band 2	18900	15	QPSK	1	Pass
Band 4	20375	5	QPSK	1	Pass
Band 5	20625	5	QPSK	1	Pass
Band 7	21425	5	QPSK	1	Pass
Band 12	23017	1.4	QPSK	1	Pass
Band 13	23255	5	QPSK	1	Pass
Band 17	23780	10	QPSK	1	Pass
Band 38	38000	20	QPSK	1	Pass
Band 41	39675	5	QPSK	1	Pass
Band 42(3450-3550)	42115	5	QPSK	1	Pass
Band 66	132322	20	QPSK	1	Pass

LTE CA Mode Test Verdict

Test Band	UL Channel	Bandwidth (MHz)	UL RB Number	UL RB Position	Verdict
CA_5B	20528 20600	5 10	QPSK	1 1	Pass
CA_7C	20805 20949	10 20	QPSK	1 1	Pass
CA_38C	38025 38175	15 15	QPSK	1 0	Pass
CA_41C	41373 41490	5 20	QPSK	1 1	Pass
CA_66C	132330 132447	5 20	QPSK	1 1	Pass

NR Mode Test Verdict

Test Band	UL Channel	NR Test Bandwidth (MHz)	SCS(kHz)	UL OFDM	NR UL RB No.	NR UL RB Pos.	Verdict
n5	168300	15	15	DFT-s-OFDM	1	1	Pass
n7	502000	20	15	DFT-s-OFDM	1	1	Pass
n12	141500	10	15	DFT-s-OFDM	1	1	Pass
n38	519000	20	30	DFT-s-OFDM	1	1	Pass
n41	504204	50	30	DFT-s-OFDM	1	1	Pass
n66	349000	20	15	DFT-s-OFDM	1	1	Pass
n77(3450-3550MHz)	633332	100	30	DFT-s-OFDM	1	1	Pass
n77(3700-3980MHz)	656000	100	30	DFT-s-OFDM	1	1	Pass
n78(3450-3550MHz)	631668	50	30	DFT-s-OFDM	64	32	Pass
n78(3700-3800MHz)	647000	10	30	DFT-s-OFDM	1	22	Pass

EN-DC Configuration		DC_2A_n7A	DC_2A_n66A	DC_2A_n78A (3450-3550)
NR Cell	Band	n7	n66	n78
	SCS (kHz)	15	15	30
	Bandwidth (MHz)	20	40	100
	DL Channel	526000	432000	633332
	Modulation	DFT_64QAM	DFT_64QAM	DFT_64QAM
E-UTRA Cell	Band	Band2	Band2	Band2
	Bandwidth (MHz)	20	20	20
	DL Channel	900	900	900
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_2A_n78A (3700-3800)	DC_4A_n7A	DC_4A_n38A
NR Cell	Band	n78	n7	n38
	SCS (kHz)	30	15	30
	Bandwidth (MHz)	10	20	10
	DL Channel	650000	536000	519000
	Modulation	DFT_64QAM	DFT_64QAM	DFT_64QAM
E-UTRA Cell	Band	Band 2	Band 4	Band 4
	Bandwidth (MHz)	5	20	10
	DL Channel	900	2175	2175
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_4A_n41A	DC_4A_n78A (3450-3550)	DC_4A_n78A (3700-3800)
NR Cell	Band	n41	n78	n78
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	537000	630334	647000
	Modulation	DFT_64QAM	DFT_64QAM	DFT_QPSK
E-UTRA Cell	Band	Band 4	Band 4	Band 4
	Bandwidth (MHz)	5	5	5
	DL Channel	2175	2175	2175
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_5A_n38A	DC_5A_n41A	DC_5A_n66A
NR Cell	Band	n38	n41	n66
	SCS (kHz)	30	30	15
	Bandwidth (MHz)	10	100	40
	DL Channel	515000	528000	426000
	Modulation	DFT_QPSK	DFT_64QAM	DFT_64QAM
E-UTRA Cell	Band	Band 5	Band 5	Band 5
	Bandwidth (MHz)	5	10	10
	DL Channel	2525	2525	2525
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_5A_n77A (3450-3550)	DC_5A_n77A (3700-3980)	DC_5A_n78A (3450-3550)
NR Cell	Band	n77	n77	n78
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	63332	656000	630334
	Modulation	DFT_64QAM	DFT_16QAM	DFT_64QAM
E-UTRA Cell	Band	Band 5	Band 5	Band 5
	Bandwidth (MHz)	5	5	5
	DL Channel	2525	2525	2525
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_5A_n78A (3700-3800)	DC_7A_n66A	DC_7A_n77A (3450-3550)
NR Cell	Band	n78	n66	n78
	SCS (kHz)	30	15	30
	Bandwidth (MHz)	100	40	10
	DL Channel	650000	429000	630334
	Modulation	DFT_64QAM	DFT_64QAM	DFT_BPSK
E-UTRA Cell	Band	Band 5	Band 7	Band 7
	Bandwidth (MHz)	10	20	5
	DL Channel	2525	3100	3100
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_7A_n77A (3700-3800)	DC_7A_n78A (3450-3550)	DC_7A_n78A (3700-3800)
NR Cell	Band	n77	n78	n78
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	647000	630334	650000
	Modulation	DFT_QPSK	DFT_64QAM	DFT_BPSK
E-UTRA Cell	Band	Band 7	Band 7	Band 7
	Bandwidth (MHz)	5	5	5
	DL Channel	3100	3100	3100
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_38A_n78A (3450-3550)	DC_38A_n78A (3700-3800)	DC_41A_n77A (3450-3550)
NR Cell	Band	n78	n78	n77
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	63332	647000	633332
	Modulation	DFT_64QAM	DFT_QPSK	DFT_QPSK
E-UTRA Cell	Band	Band 38	Band 38	Band 41
	Bandwidth (MHz)	5	5	5
	DL Channel	38000	38000	40620
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_41A_n77A (3700-3980)	DC_41A_n78A (3450-3550)	DC_41A_n78A (3700-3800)
NR Cell	Band	n77	n78	n78
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	647000	633332	647000
	Modulation	DFT_64QAM	DFT_QPSK	DFT_BPSK
E-UTRA Cell	Band	Band 41	Band 41	Band 41
	Bandwidth (MHz)	5	5	5
	DL Channel	40620	40620	40620
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_66A_n7A	DC_66A_n38A	DC_66A_n41A
NR Cell	Band	n7	n38	n41
	SCS (kHz)	15	30	30
	Bandwidth (MHz)	20	10	10
	DL Channel	536000	515000	537000
	Modulation	DFT_64QAM	DFT_BPSK	DFT_BPSK
E-UTRA Cell	Band	Band 66	Band 66	Band 66
	Bandwidth (MHz)	20	5	2
	DL Channel	66886	66886	66886
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

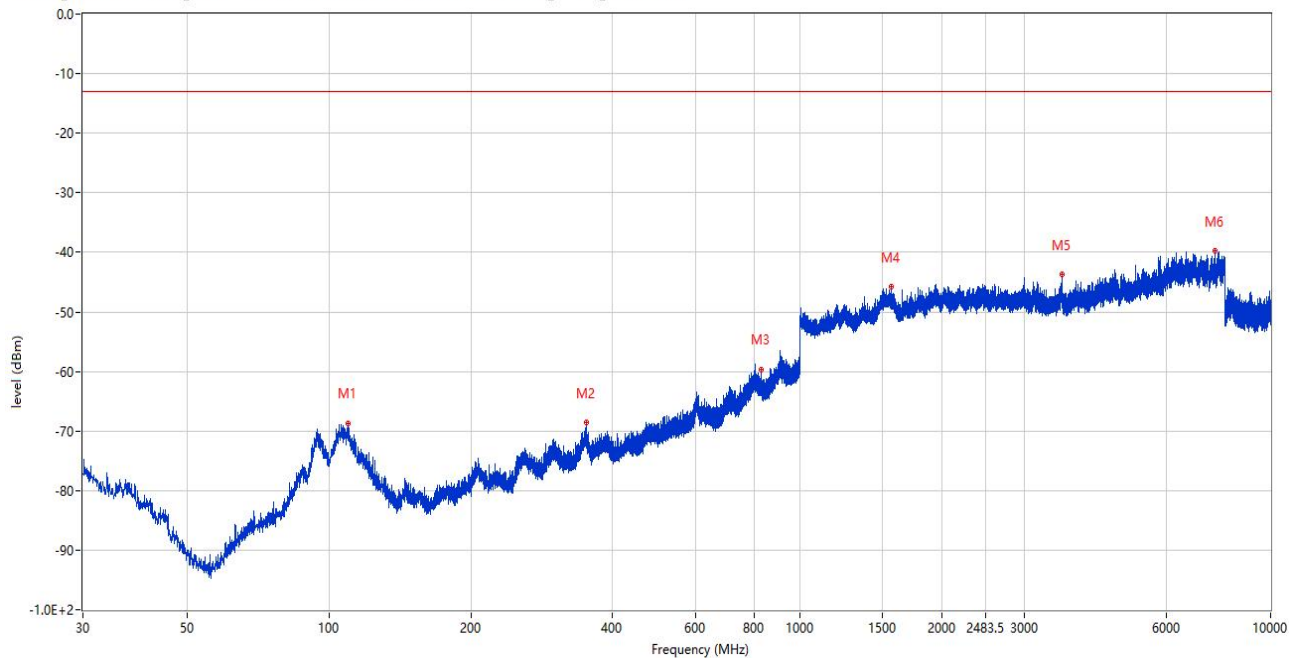
EN-DC Configuration		DC_66A_n77A (3450-3550)	DC_66A_n77A (3700-3980)	DC_66A_n78A (3450-3550)
NR Cell	Band	n77	n77	n78
	SCS (kHz)	30	30	30
	Bandwidth (MHz)	10	10	10
	DL Channel	630334	647000	630334
	Modulation	DFT_QPSK	DFT_QPSK	DFT_64QAM
E-UTRA Cell	Band	Band 66	Band 66	Band 66
	Bandwidth (MHz)	5	5	5
	DL Channel	66886	66886	66886
	Modulation	QPSK	QPSK	QPSK
Verdict		Pass	Pass	Pass

EN-DC Configuration		DC_66A_n78A (3700-3800)
NR Cell	Band	n78
	SCS (kHz)	30
	Bandwidth (MHz)	10
	DL Channel	650000
	Modulation	DFT_64QAM
E-UTRA Cell	Band	Band 66
	Bandwidth (MHz)	5
	DL Channel	66886
	Modulation	QPSK
Verdict		Pass

1 GSM

1.1 GSM850 CH128

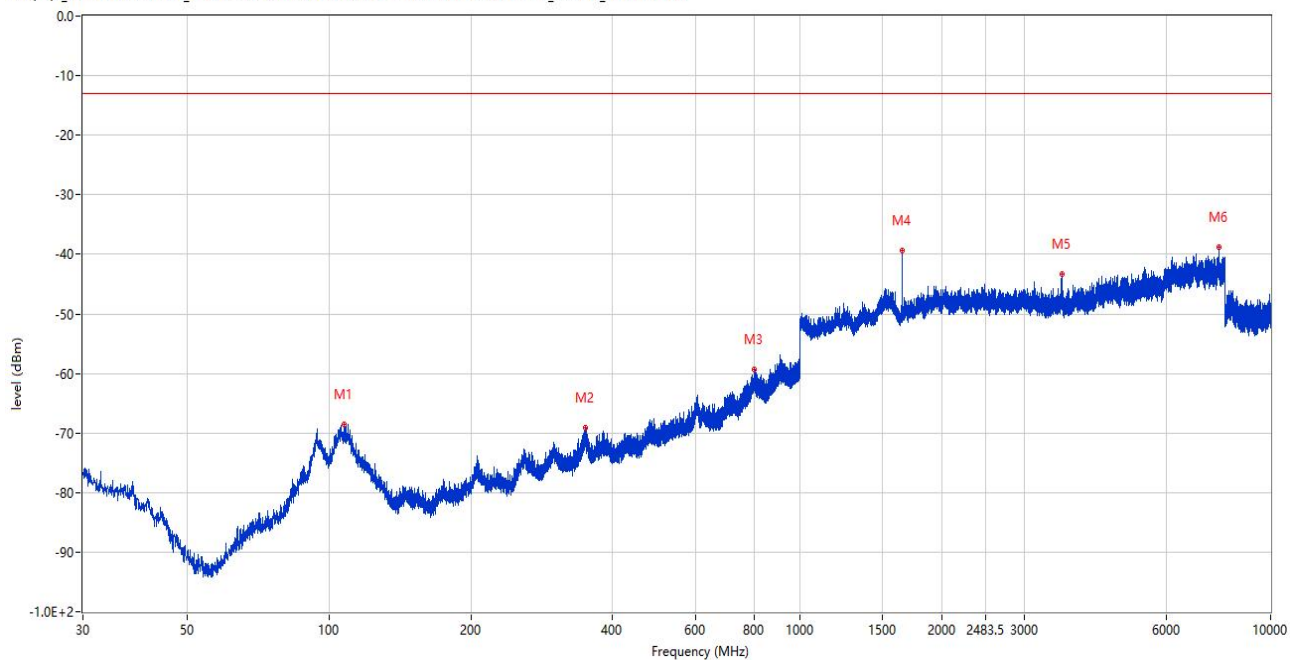
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26 _814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
109.880	-68.77	-0.93	-13.0	55.77	255.00	Vertical	Horizontal	Pass
352.137	-68.61	-1.49	-13.0	55.61	359.00	Vertical	Horizontal	Pass
826.807	-59.72	7.81	-13.0	46.72	151.00	Vertical	Horizontal	N/A
1560.200	-45.75	6.48	-13.0	32.75	320.00	Vertical	Horizontal	Pass
3599.500	-43.63	11.89	-13.0	30.63	332.00	Vertical	Horizontal	Pass
7600.750	-39.75	15.02	-13.0	26.75	141.00	Vertical	Horizontal	Pass

Band:GSM850 CH128

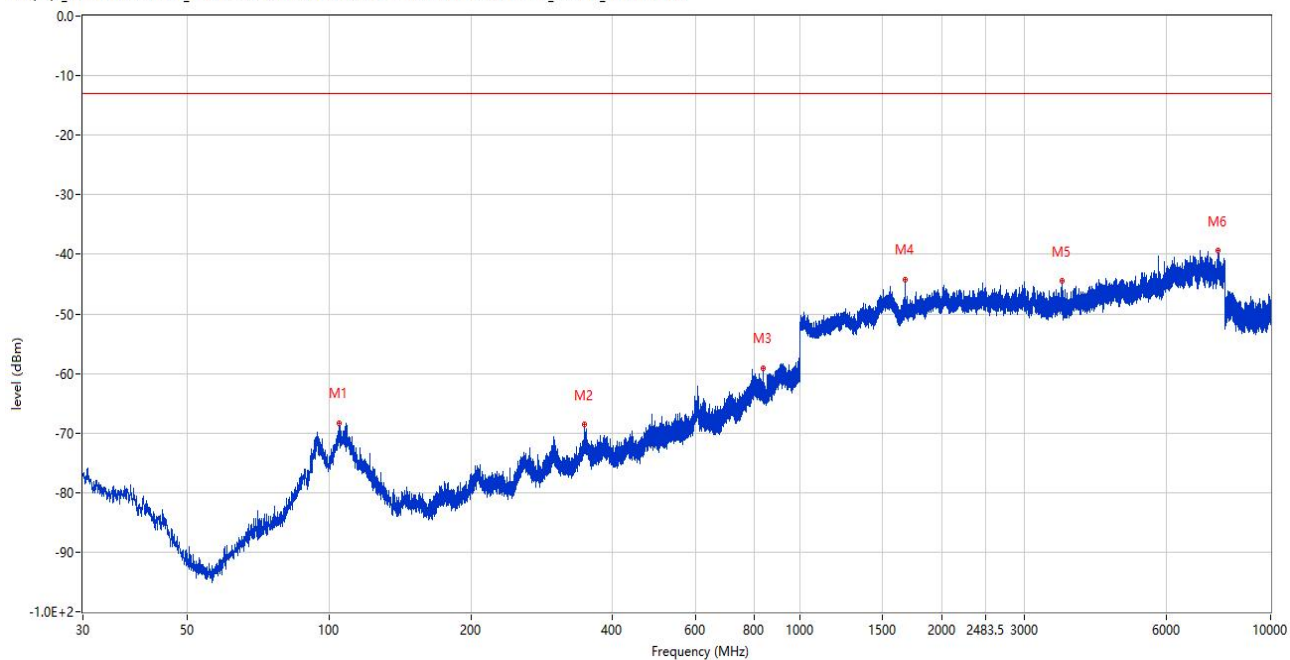
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.503	-68.64	-0.70	-13.0	55.64	359.00	Horizontal	Horizontal	Pass
350.100	-69.05	-0.88	-13.0	56.05	337.00	Horizontal	Horizontal	Pass
801.586	-59.31	8.88	-13.0	46.31	281.00	Horizontal	Horizontal	Pass
1649.200	-39.29	4.09	-13.0	26.29	152.00	Horizontal	Horizontal	Pass
3597.250	-43.40	11.61	-13.0	30.40	234.00	Horizontal	Horizontal	Pass
7772.500	-38.79	15.55	-13.0	25.79	60.00	Horizontal	Horizontal	Pass

1.2 GSM850 CH190

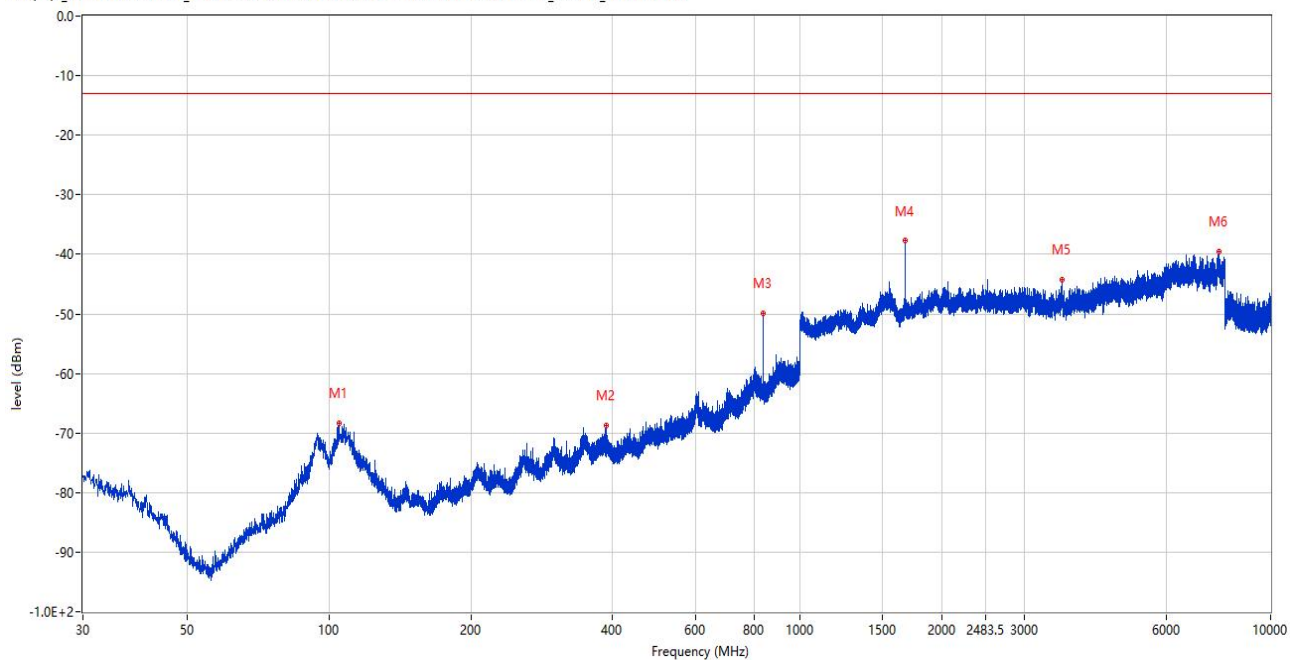
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
104.981	-68.27	-0.52	-13.0	55.27	178.00	Vertical	Horizontal	Pass
348.500	-68.64	-1.24	-13.0	55.64	58.00	Vertical	Horizontal	Pass
836.700	-59.05	7.42	-13.0	46.05	38.00	Vertical	Horizontal	N/A
1673.800	-44.20	4.81	-13.0	31.20	292.00	Vertical	Horizontal	Pass
3598.500	-44.51	11.78	-13.0	31.51	48.00	Vertical	Horizontal	Pass
7748.500	-39.37	15.51	-13.0	26.37	294.00	Vertical	Horizontal	Pass

Band:GSM850 CH190

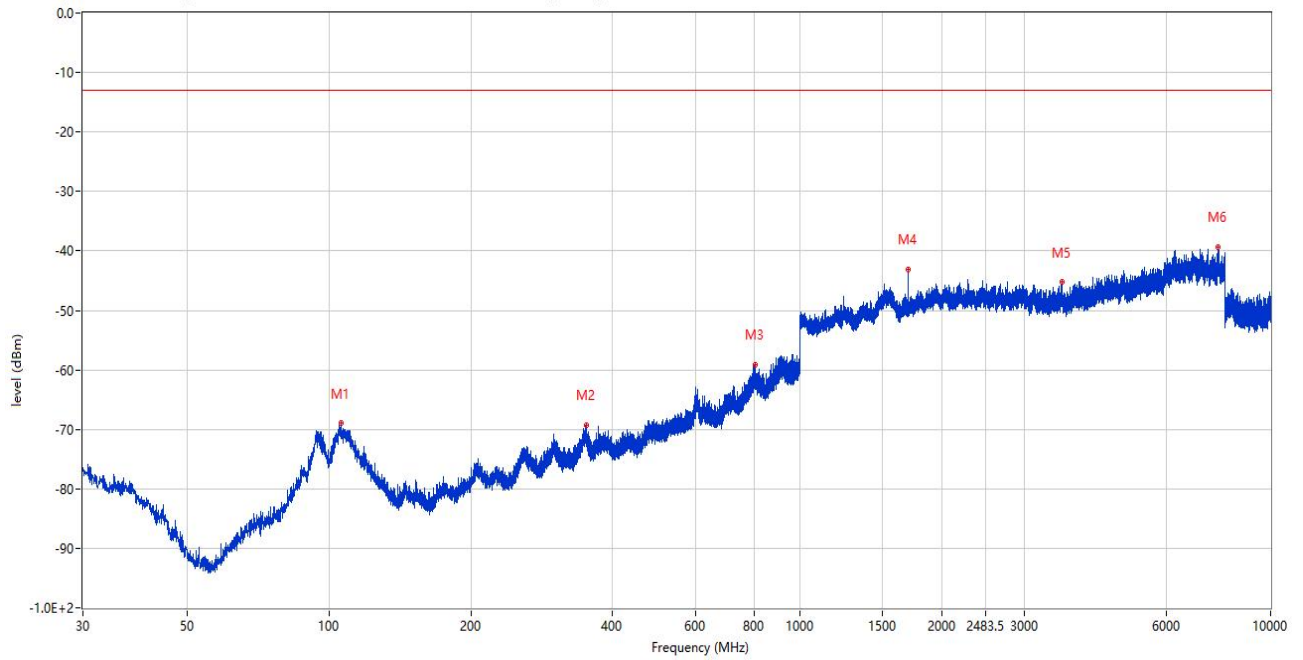
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
104.787	-68.27	-0.70	-13.0	55.27	159.00	Horizontal	Horizontal	Pass
387.445	-68.73	-2.17	-13.0	55.73	149.00	Horizontal	Horizontal	Pass
836.652	-49.82	7.42	-13.0	36.82	225.00	Horizontal	Horizontal	N/A
1673.800	-37.75	4.81	-13.0	24.75	158.00	Horizontal	Horizontal	Pass
3599.750	-44.26	11.91	-13.0	31.26	330.00	Horizontal	Horizontal	Pass
7755.250	-39.51	15.63	-13.0	26.51	114.00	Horizontal	Horizontal	Pass

1.3 GSM850 CH251

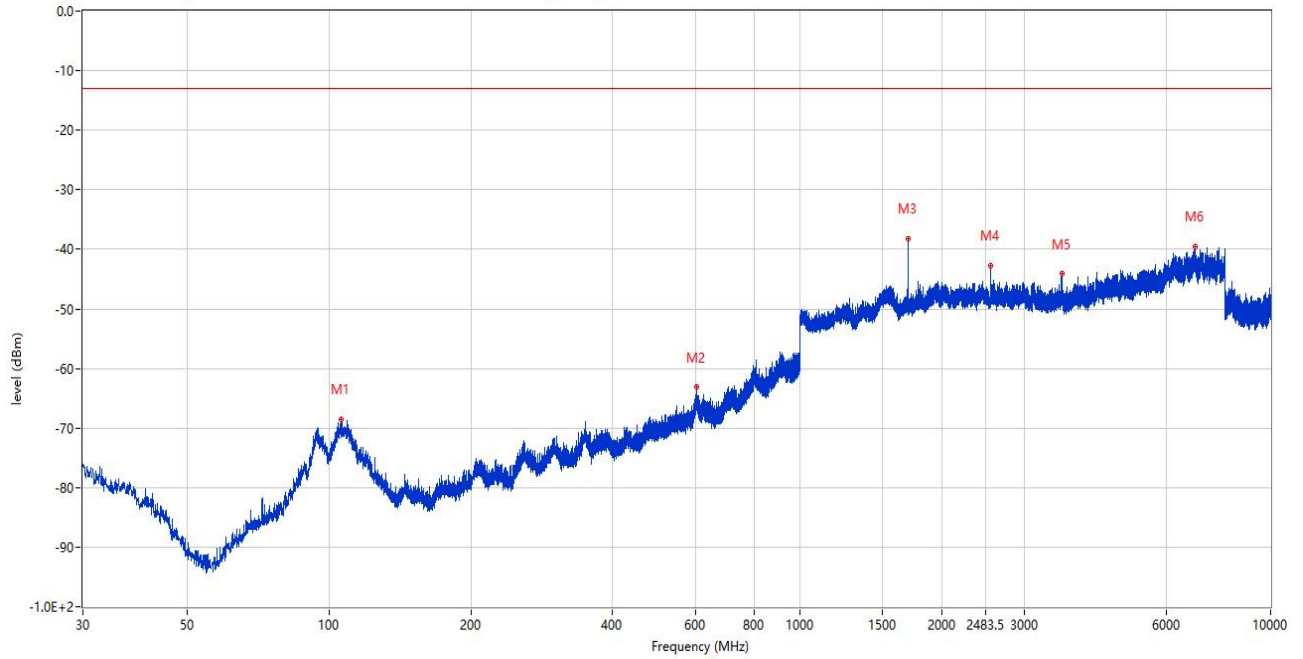
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.145	-69.02	-0.58	-13.0	56.02	323.00	Vertical	Horizontal	Pass
352.525	-69.29	-1.61	-13.0	56.29	217.00	Vertical	Horizontal	Pass
803.818	-59.06	8.81	-13.0	46.06	102.00	Vertical	Horizontal	Pass
1698.300	-43.08	4.43	-13.0	30.08	0.00	Vertical	Horizontal	Pass
3599.750	-45.14	11.91	-13.0	32.14	232.00	Vertical	Horizontal	Pass
7745.500	-39.33	15.43	-13.0	26.33	244.00	Vertical	Horizontal	Pass

Band:GSM850 CH251

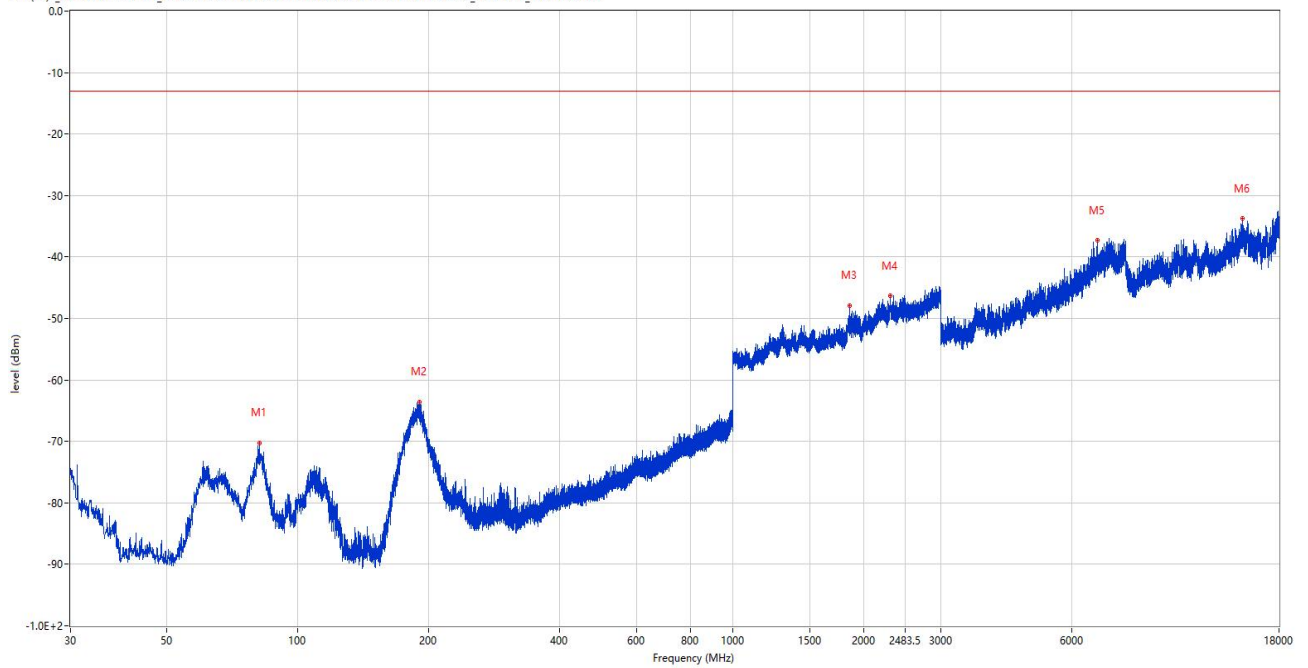
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
106.048	-68.53	-0.58	-13.0	55.53	346.00	Horizontal	Horizontal	Pass
603.658	-63.18	5.56	-13.0	50.18	302.00	Horizontal	Horizontal	Pass
1698.300	-38.14	4.43	-13.0	25.14	163.00	Horizontal	Horizontal	Pass
2547.000	-42.66	7.15	-13.0	29.66	218.00	Horizontal	Horizontal	Pass
3599.750	-44.12	11.91	-13.0	31.12	277.00	Horizontal	Horizontal	Pass
6900.750	-39.51	14.69	-13.0	26.51	32.00	Horizontal	Horizontal	Pass

1.4 GSM1900 CH512

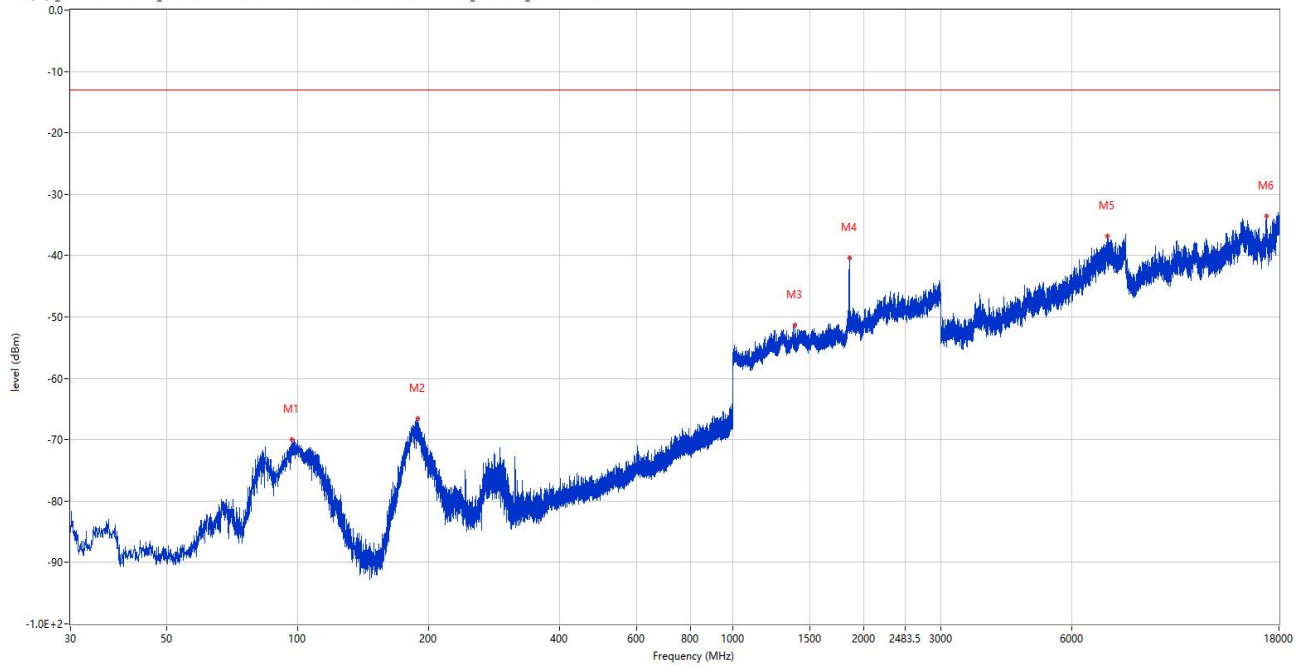
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.555	-70.21	-19.70	-13.0	57.21	167.00	Vertical	Horizontal	Pass
190.632	-63.60	-17.43	-13.0	50.60	142.00	Vertical	Horizontal	Pass
1850.900	-47.96	3.26	-13.0	34.96	232.00	Vertical	Horizontal	N/A
2298.600	-46.37	6.26	-13.0	33.37	8.00	Vertical	Horizontal	Pass
6873.250	-37.34	16.77	-13.0	24.34	125.00	Vertical	Horizontal	Pass
14820.000	-33.78	24.55	-13.0	20.78	71.00	Vertical	Horizontal	Pass

Band:GSM1900 CH512

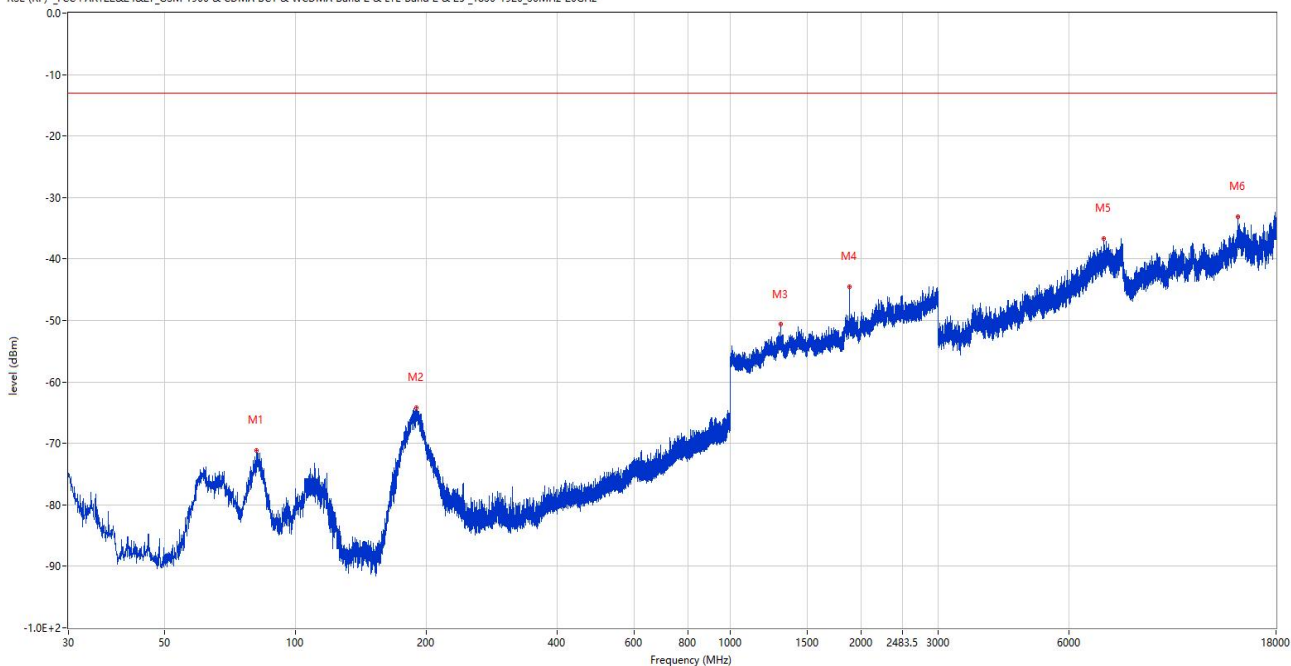
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
96.736	-69.95	-18.89	-13.0	56.95	35.00	Horizontal	Horizontal	Pass
188.643	-66.54	-17.64	-13.0	53.54	247.00	Horizontal	Horizontal	Pass
1386.700	-51.34	0.26	-13.0	38.34	64.00	Horizontal	Horizontal	Pass
1851.000	-40.40	3.26	-13.0	27.40	104.00	Horizontal	Horizontal	N/A
7258.750	-36.78	17.41	-13.0	23.78	198.00	Horizontal	Horizontal	Pass
16875.000	-33.62	21.48	-13.0	20.62	61.00	Horizontal	Horizontal	Pass

1.5 GSM1900 CH661

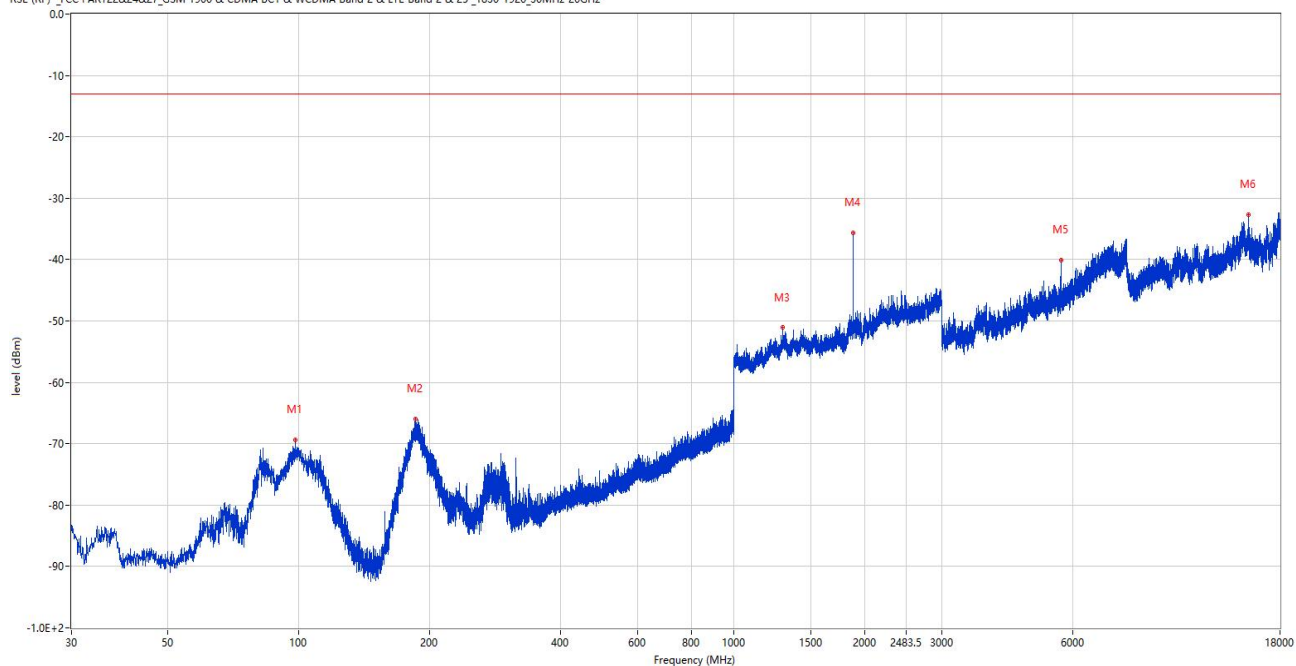
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.362	-71.12	-19.72	-13.0	58.12	147.00	Vertical	Horizontal	Pass
189.177	-64.18	-17.60	-13.0	51.18	154.00	Vertical	Horizontal	Pass
1306.600	-50.64	0.88	-13.0	37.64	331.00	Vertical	Horizontal	Pass
1880.800	-44.57	3.42	-13.0	31.57	312.00	Vertical	Horizontal	N/A
7232.500	-36.68	18.39	-13.0	23.68	151.00	Vertical	Horizontal	Pass
14699.500	-33.11	23.41	-13.0	20.11	170.00	Vertical	Horizontal	Pass

Band:GSM1900 CH661

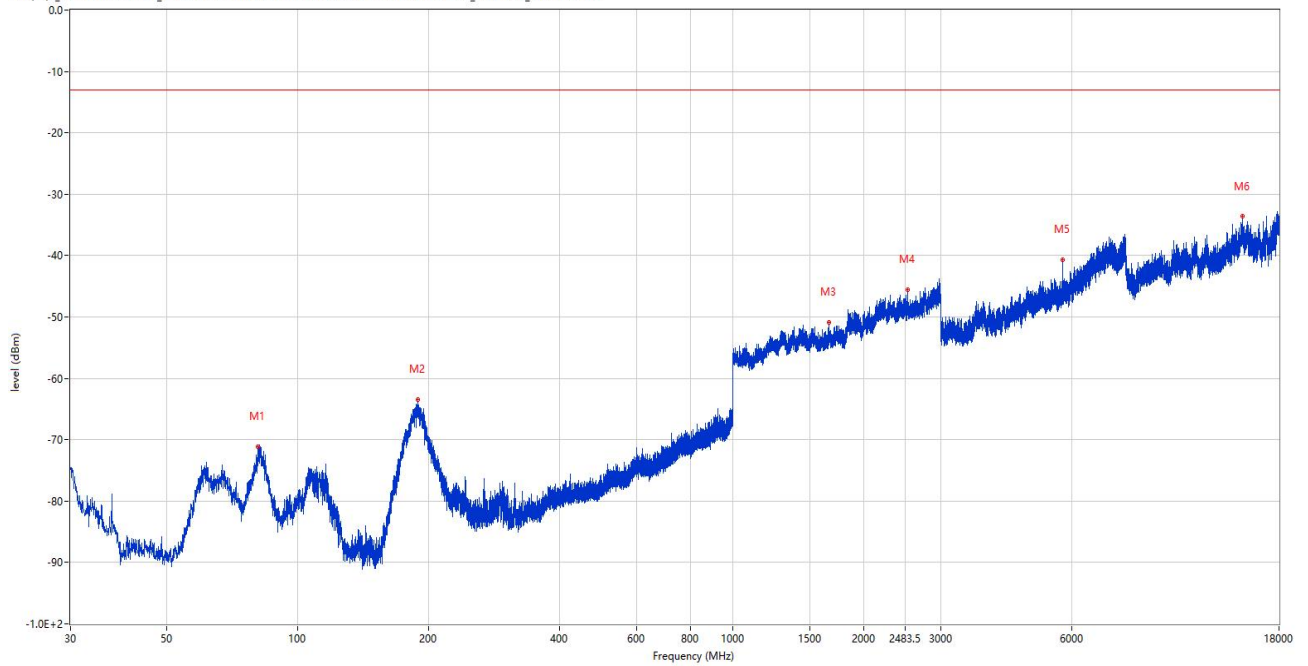
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.191	-69.41	-18.64	-13.0	56.41	26.00	Horizontal	Horizontal	Pass
185.346	-65.97	-17.88	-13.0	52.97	258.00	Horizontal	Horizontal	Pass
1294.900	-51.08	0.84	-13.0	38.08	205.00	Horizontal	Horizontal	Pass
1881.000	-35.65	3.42	-13.0	22.65	103.00	Horizontal	Horizontal	N/A
5640.750	-40.11	11.29	-13.0	27.11	305.00	Horizontal	Horizontal	Pass
15246.500	-32.65	22.74	-13.0	19.65	97.00	Horizontal	Horizontal	Pass

1.6 GSM1900 CH810

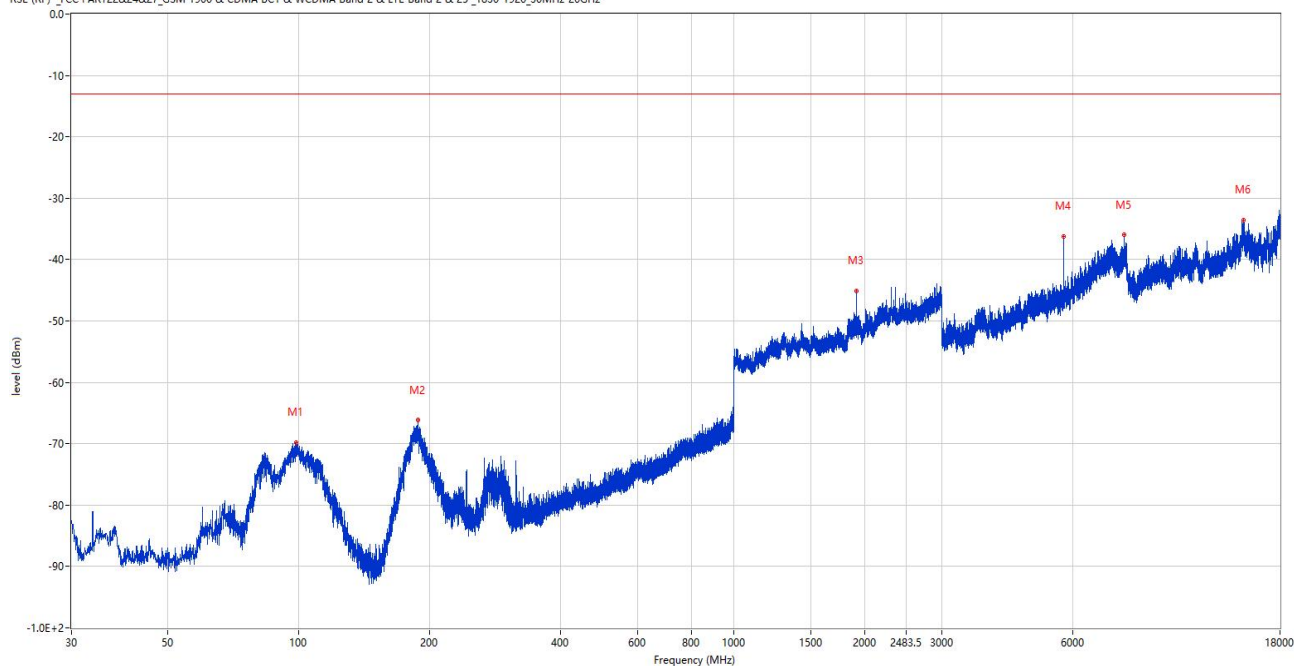
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
80.877	-71.13	-19.75	-13.0	58.13	201.00	Vertical	Horizontal	Pass
188.740	-63.50	-17.63	-13.0	50.50	154.00	Vertical	Horizontal	Pass
1662.900	-50.91	0.73	-13.0	37.91	189.00	Vertical	Horizontal	Pass
2521.500	-45.60	6.53	-13.0	32.60	68.00	Vertical	Horizontal	Pass
5730.000	-40.67	11.54	-13.0	27.67	297.00	Vertical	Horizontal	Pass
14844.500	-33.65	23.67	-13.0	20.65	294.00	Vertical	Horizontal	Pass

Band:GSM1900 CH810

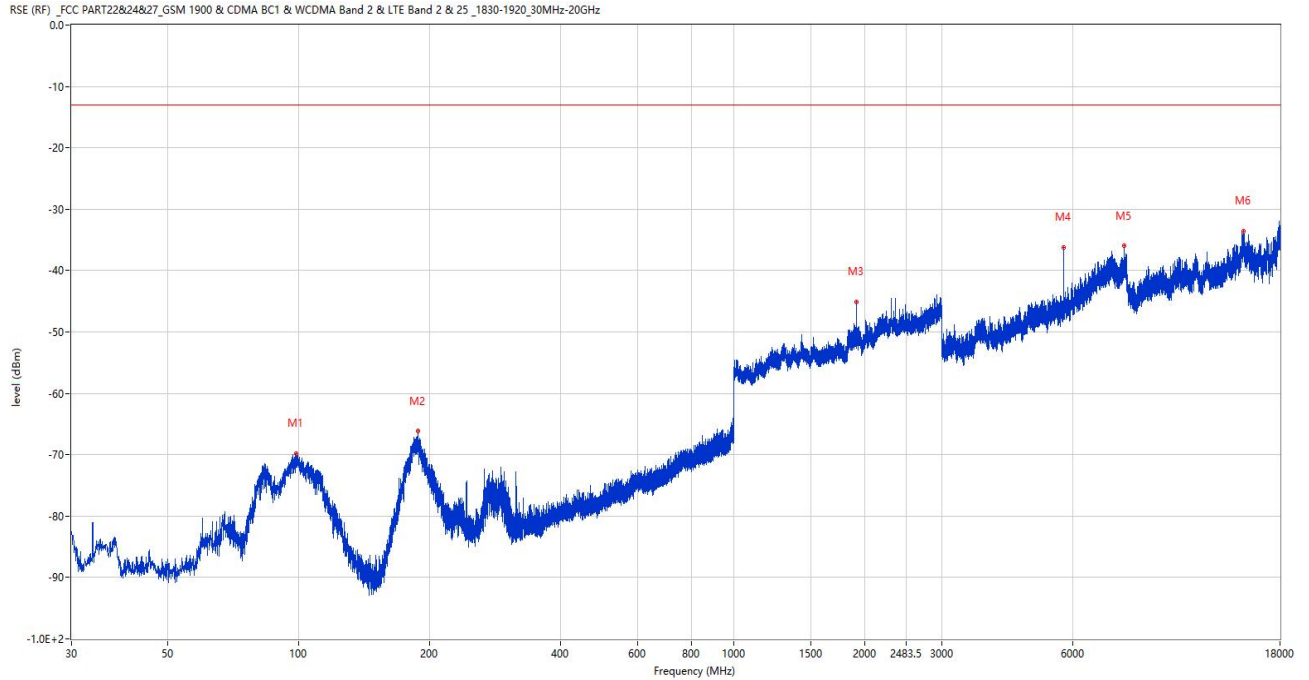
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.579	-69.84	-18.69	-13.0	56.84	10.00	Horizontal	Horizontal	Pass
187.819	-66.18	-17.70	-13.0	53.18	248.00	Horizontal	Horizontal	Pass
1910.600	-45.07	3.52	-13.0	32.07	106.00	Horizontal	Horizontal	N/A
5730.250	-36.21	11.55	-13.0	23.21	313.00	Horizontal	Horizontal	Pass
7894.750	-35.99	19.04	-13.0	22.99	135.00	Horizontal	Horizontal	Pass
14821.000	-33.60	24.52	-13.0	20.60	97.00	Horizontal	Horizontal	Pass

2 WCDMA

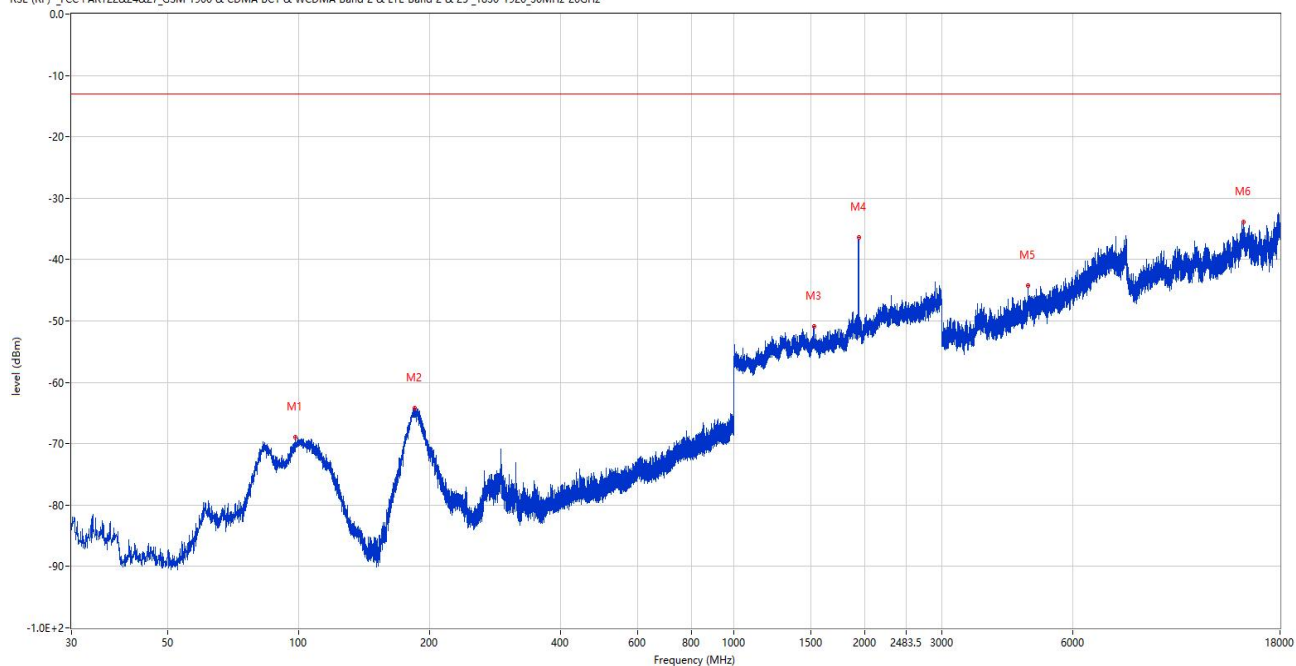
2.1 WCDMA B2 CH9262



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.579	-69.84	-18.69	-13.0	56.84	10.00	Horizontal	Horizontal	Pass
187.819	-66.18	-17.70	-13.0	53.18	248.00	Horizontal	Horizontal	Pass
1910.600	-45.07	3.52	-13.0	32.07	106.00	Horizontal	Horizontal	N/A
5730.250	-36.21	11.55	-13.0	23.21	313.00	Horizontal	Horizontal	Pass
7894.750	-35.99	19.04	-13.0	22.99	135.00	Horizontal	Horizontal	Pass
14821.000	-33.60	24.52	-13.0	20.60	97.00	Horizontal	Horizontal	Pass

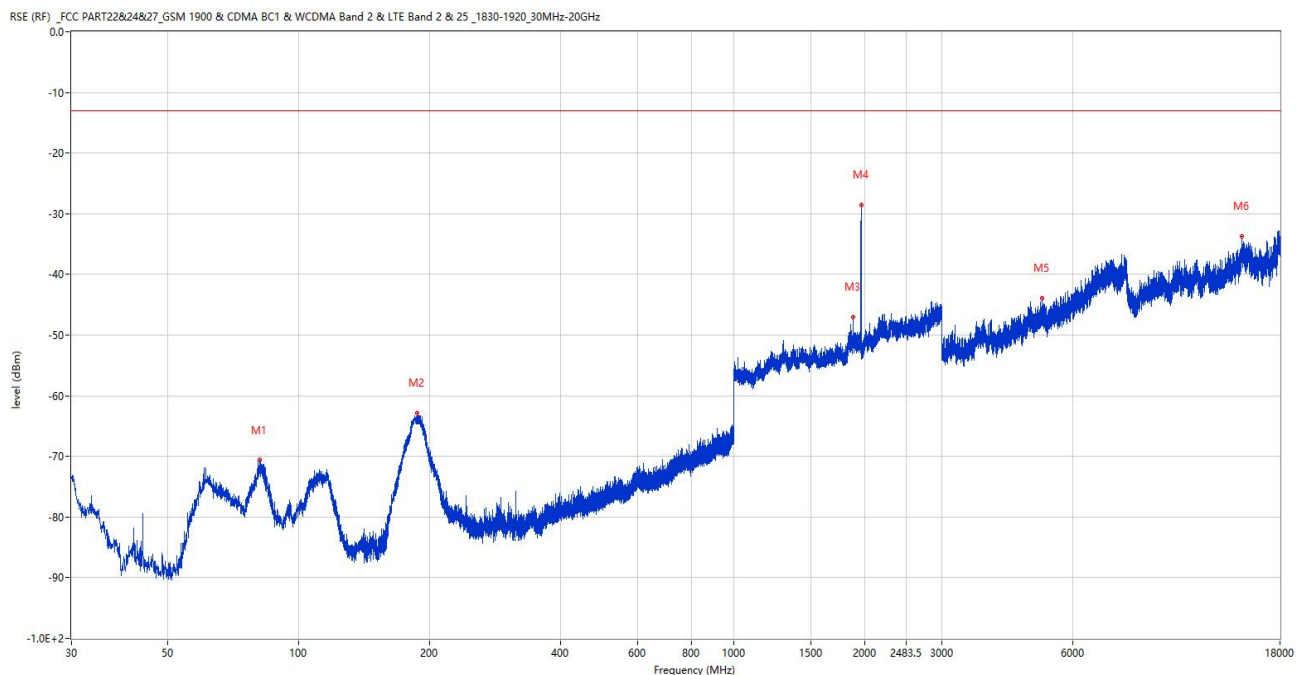
Band:WCDMA B2 CH9262

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.046	-69.00	-18.63	-13.0	56.00	38.00	Horizontal	Horizontal	Pass
184.133	-64.23	-17.93	-13.0	51.23	253.00	Horizontal	Horizontal	Pass
1531.800	-50.91	0.84	-13.0	37.91	242.00	Horizontal	Horizontal	Pass
1934.300	-36.37	3.26	-13.0	23.37	121.00	Horizontal	Horizontal	N/A
4748.250	-44.24	11.17	-13.0	31.24	43.00	Horizontal	Horizontal	Pass
14815.500	-33.92	24.50	-13.0	20.92	97.00	Horizontal	Horizontal	Pass

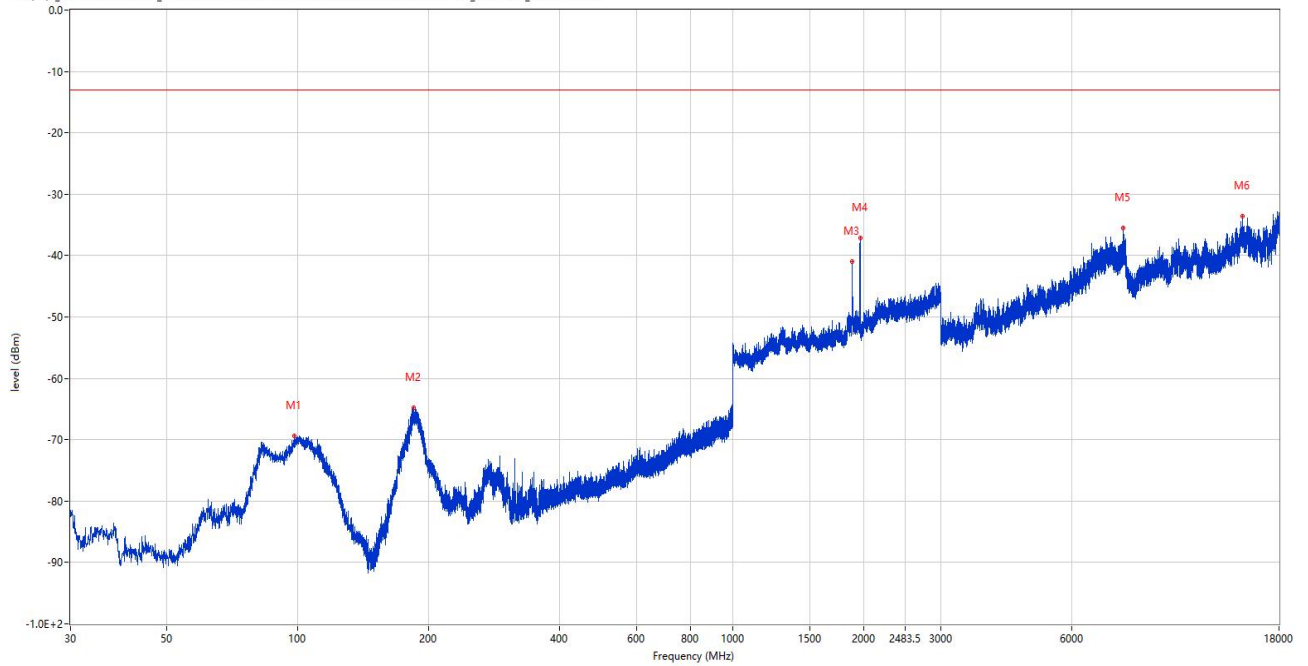
2.2 WCDMA B2 CH9400



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.313	-70.61	-19.72	-13.0	57.61	85.00	Vertical	Horizontal	Pass
186.655	-62.80	-17.79	-13.0	49.80	139.00	Vertical	Horizontal	Pass
1882.000	-47.03	3.42	-13.0	34.03	97.00	Vertical	Horizontal	N/A
1960.000	-28.55	2.92	-13.0	15.55	41.00	Vertical	Horizontal	N/A
5117.000	-43.90	11.10	-13.0	30.90	101.00	Vertical	Horizontal	Pass
14720.000	-33.66	23.53	-13.0	20.66	54.00	Vertical	Horizontal	Pass

Band:WCDMA B2 CH9400

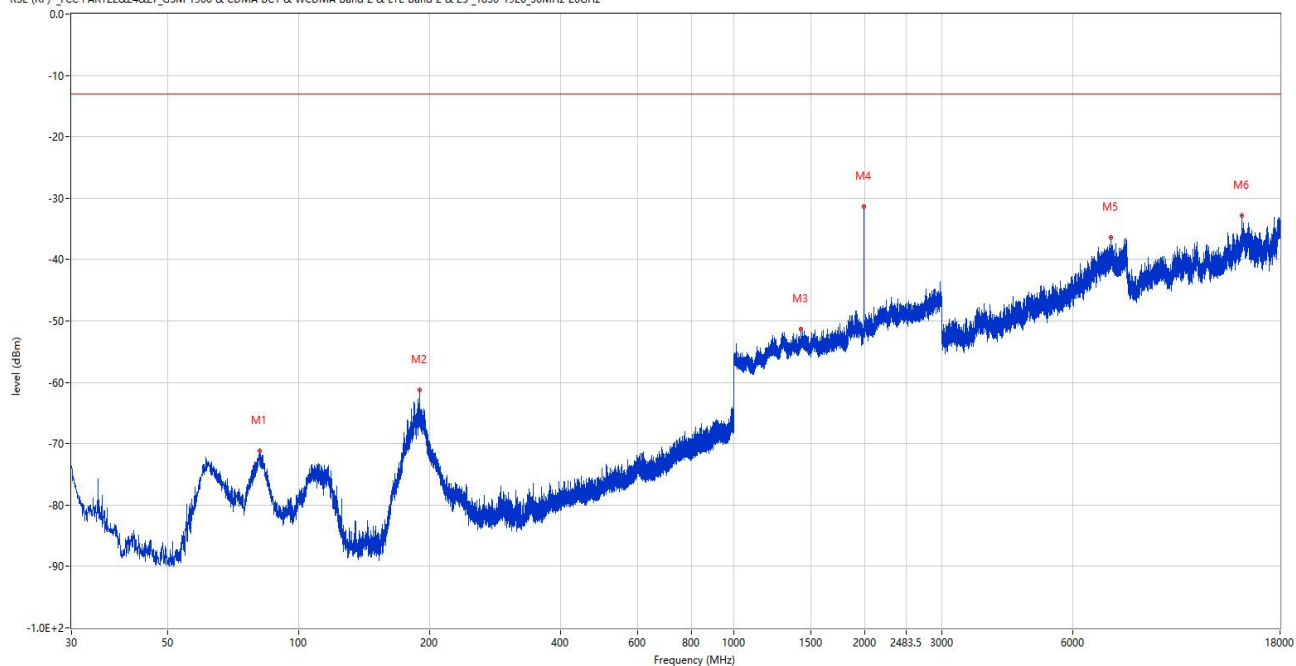
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.949	-69.39	-18.63	-13.0	56.39	32.00	Horizontal	Horizontal	Pass
184.133	-64.73	-17.93	-13.0	51.73	272.00	Horizontal	Horizontal	Pass
1881.700	-41.01	3.42	-13.0	28.01	105.00	Horizontal	Horizontal	N/A
1961.400	-37.12	2.78	-13.0	24.12	112.00	Horizontal	Horizontal	N/A
7906.750	-35.46	19.29	-13.0	22.46	243.00	Horizontal	Horizontal	Pass
14829.500	-33.52	24.21	-13.0	20.52	50.00	Horizontal	Horizontal	Pass

2.3 WCDMA B2 CH9538

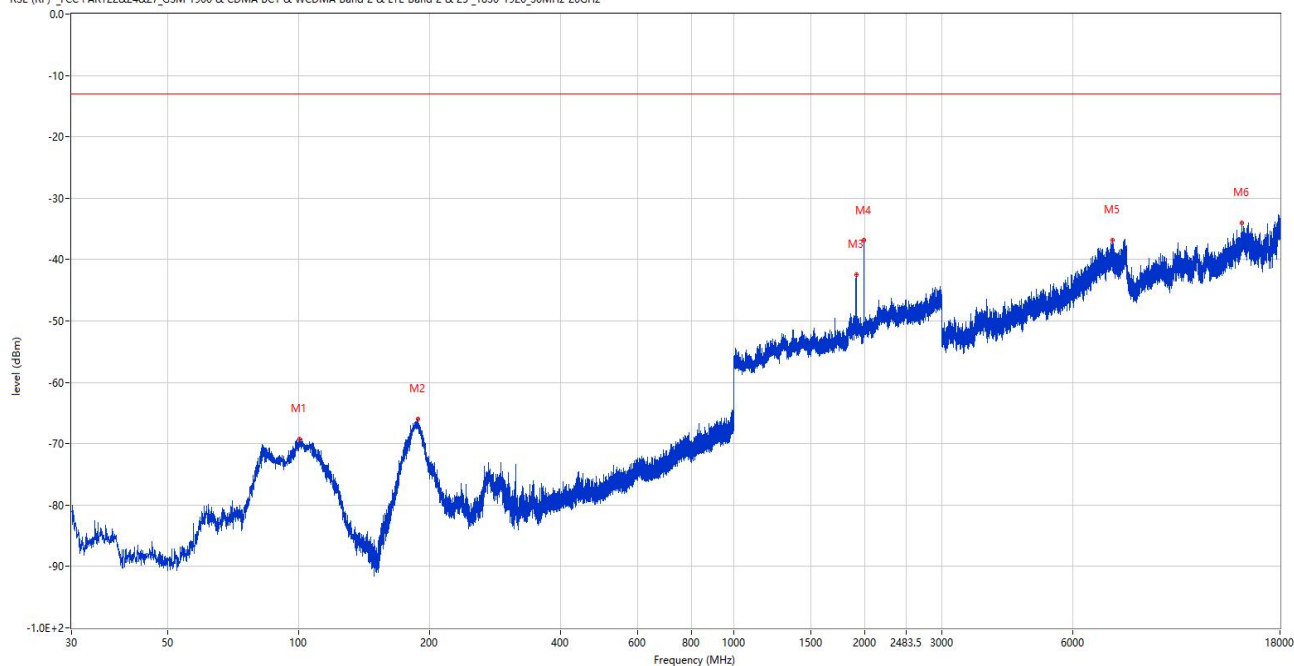
RSE (RF) _FCC PART22&24&27_GSM 1900 & CDMA BC1 & WCDMA Band 2 & LTE Band 2 & 25_1830-1920_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.168	-71.13	-19.73	-13.0	58.13	122.00	Vertical	Horizontal	Pass
189.710	-61.24	-17.55	-13.0	48.24	122.00	Vertical	Horizontal	Pass
1422.900	-51.37	0.75	-13.0	38.37	176.00	Vertical	Horizontal	Pass
1987.500	-31.30	2.19	-13.0	18.30	349.00	Vertical	Horizontal	N/A
7345.000	-36.41	17.74	-13.0	23.41	110.00	Vertical	Horizontal	Pass
14720.000	-32.85	23.53	-13.0	19.85	325.00	Vertical	Horizontal	Pass

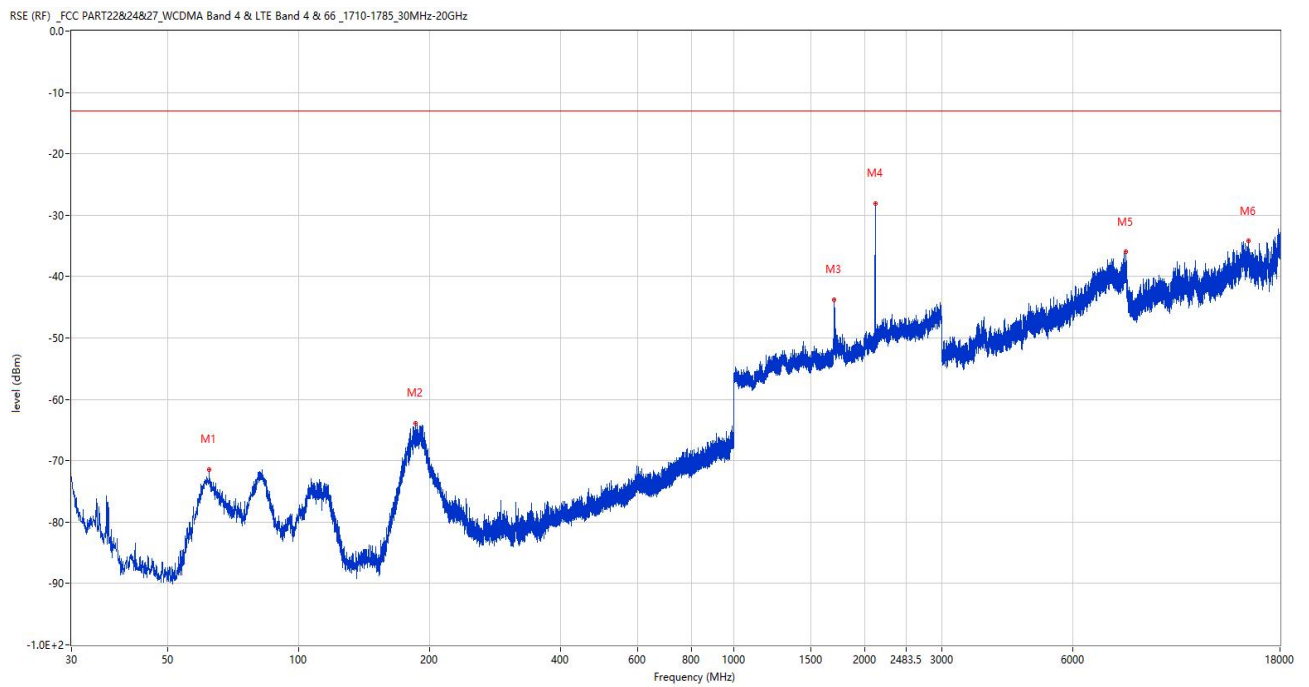
Band:WCDMA B2 CH9538

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
100.179	-69.17	-18.87	-13.0	56.17	28.00	Horizontal	Horizontal	Pass
187.480	-65.94	-17.73	-13.0	52.94	228.00	Horizontal	Horizontal	Pass
1908.500	-42.47	3.52	-13.0	29.47	109.00	Horizontal	Horizontal	N/A
1989.900	-36.88	2.26	-13.0	23.88	52.00	Horizontal	Horizontal	N/A
7414.250	-36.87	18.93	-13.0	23.87	257.00	Horizontal	Horizontal	Pass
14724.000	-33.99	23.55	-13.0	20.99	328.00	Horizontal	Horizontal	Pass

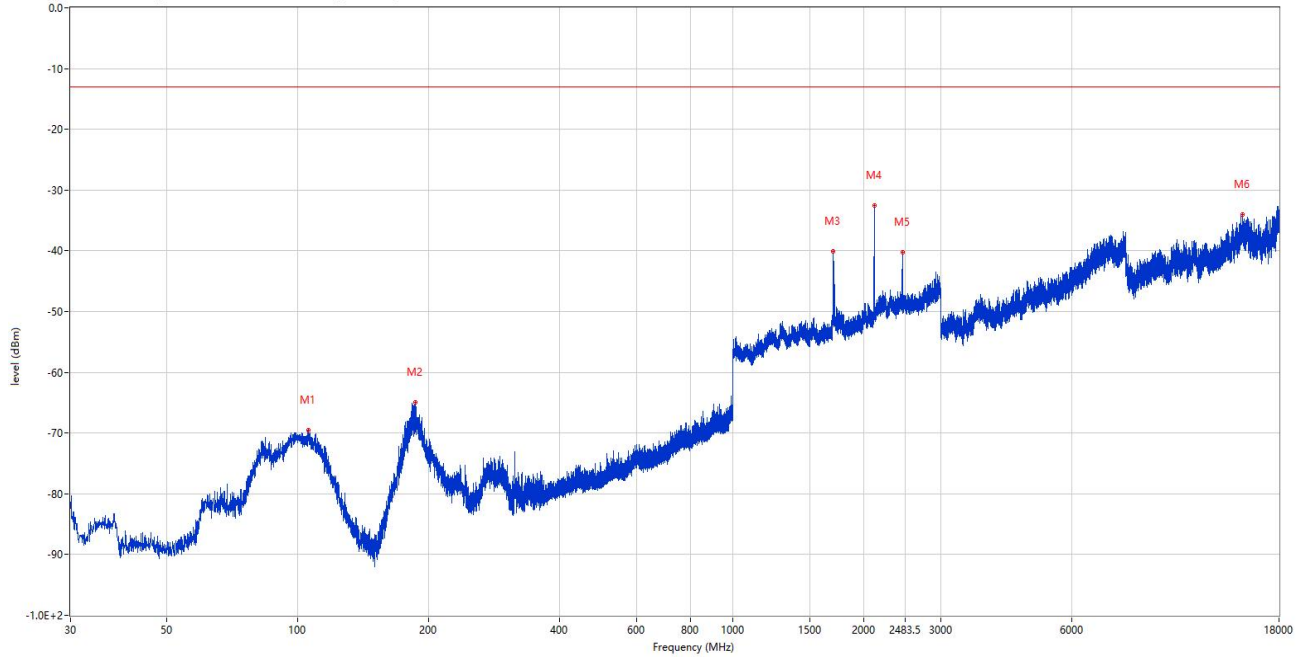
2.4 WCDMA B4 CH1312



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
62.204	-71.46	-16.19	-13.0	58.46	93.00	Vertical	Horizontal	Pass
185.152	-63.93	-17.90	-13.0	50.93	130.00	Vertical	Horizontal	Pass
1702.100	-43.73	2.51	-13.0	30.73	319.00	Vertical	Horizontal	N/A
2114.600	-28.06	3.98	-13.0	15.06	39.00	Vertical	Horizontal	N/A
7952.500	-36.00	19.74	-13.0	23.00	295.00	Vertical	Horizontal	Pass
15264.487	-34.23	22.63	-13.0	21.23	201.00	Vertical	Horizontal	Pass

Band:WCDMA B4 CH1312

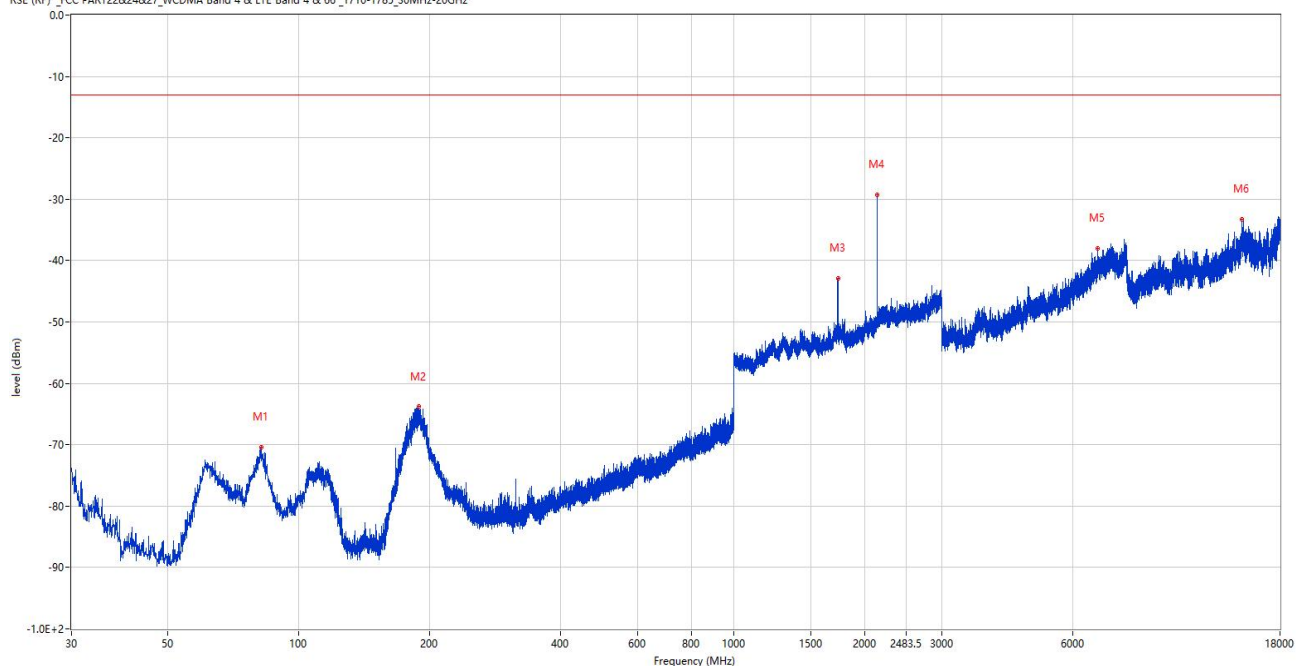
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
105.466	-69.48	-18.79	-13.0	56.48	199.00	Horizontal	Horizontal	Pass
186.510	-64.91	-17.80	-13.0	51.91	238.00	Horizontal	Horizontal	Pass
1701.400	-40.04	2.52	-13.0	27.04	175.00	Horizontal	Horizontal	N/A
2113.700	-32.51	3.97	-13.0	19.51	207.00	Horizontal	Horizontal	N/A
2456.900	-40.21	5.73	-13.0	27.21	352.00	Horizontal	Horizontal	Pass
14839.500	-33.98	23.85	-13.0	20.98	37.00	Horizontal	Horizontal	Pass

2.5 WCDMA B4 CH1412

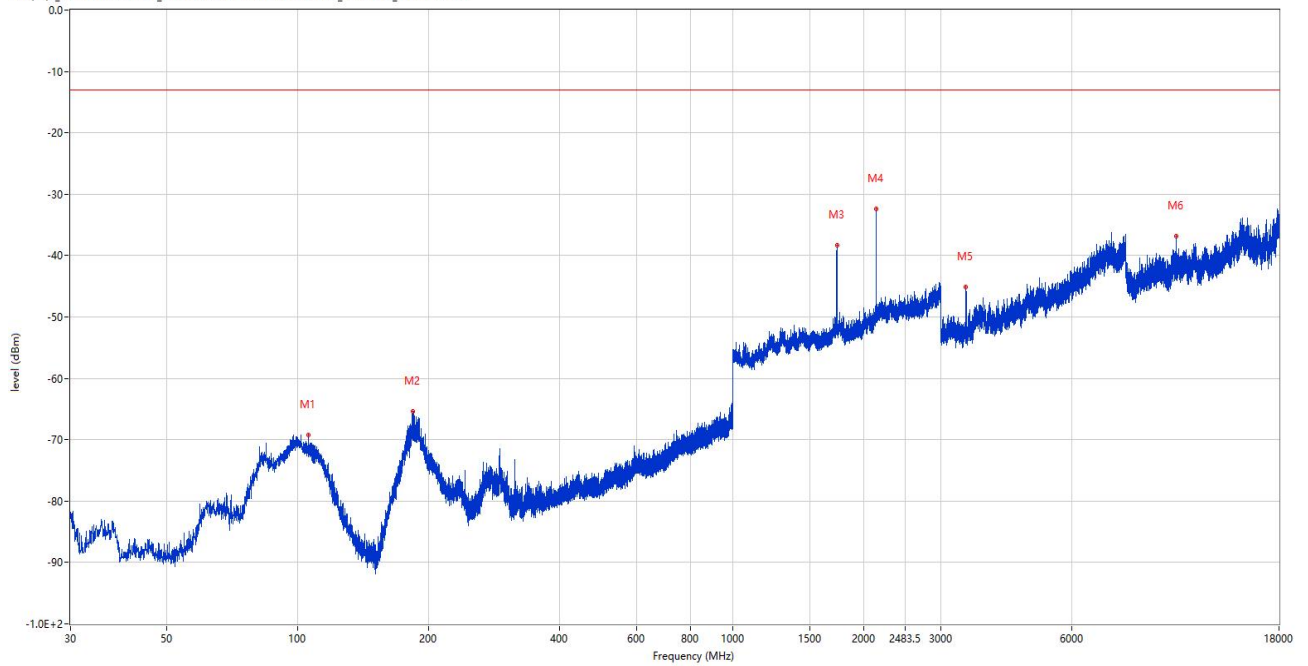
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.992	-70.36	-19.67	-13.0	57.36	221.00	Vertical	Horizontal	Pass
188.595	-63.81	-17.64	-13.0	50.81	148.00	Vertical	Horizontal	Pass
1734.300	-42.84	2.76	-13.0	29.84	316.00	Vertical	Horizontal	N/A
2132.400	-29.32	3.99	-13.0	16.32	99.00	Vertical	Horizontal	N/A
6868.250	-38.05	16.78	-13.0	25.05	236.00	Vertical	Horizontal	Pass
14700.637	-33.27	23.43	-13.0	20.27	301.00	Vertical	Horizontal	Pass

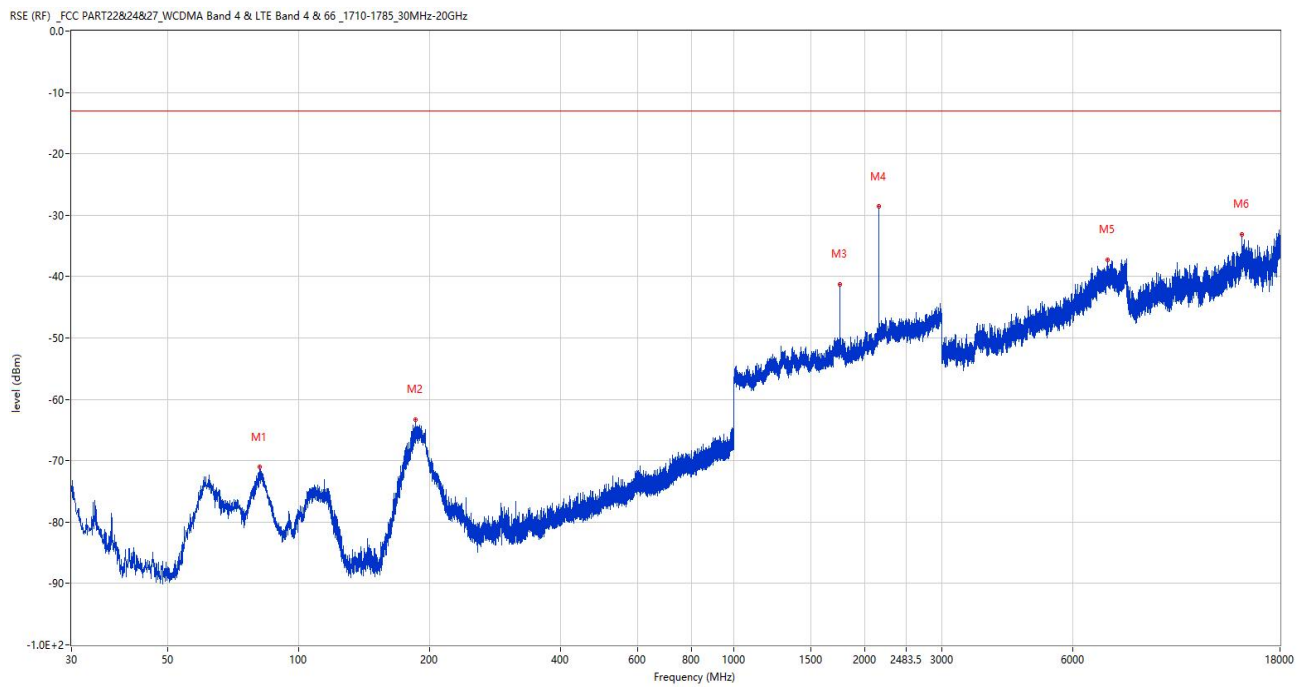
Band:WCDMA B4 CH1412

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
105.757	-69.20	-18.80	-13.0	56.20	202.00	Horizontal	Horizontal	Pass
184.036	-65.34	-17.93	-13.0	52.34	253.00	Horizontal	Horizontal	Pass
1734.400	-38.26	2.76	-13.0	25.26	167.00	Horizontal	Horizontal	N/A
2132.300	-32.33	3.98	-13.0	19.33	207.00	Horizontal	Horizontal	N/A
3434.750	-45.06	5.20	-13.0	32.06	115.00	Horizontal	Horizontal	Pass
10467.151	-36.79	17.47	-13.0	23.79	9.00	Horizontal	Horizontal	Pass

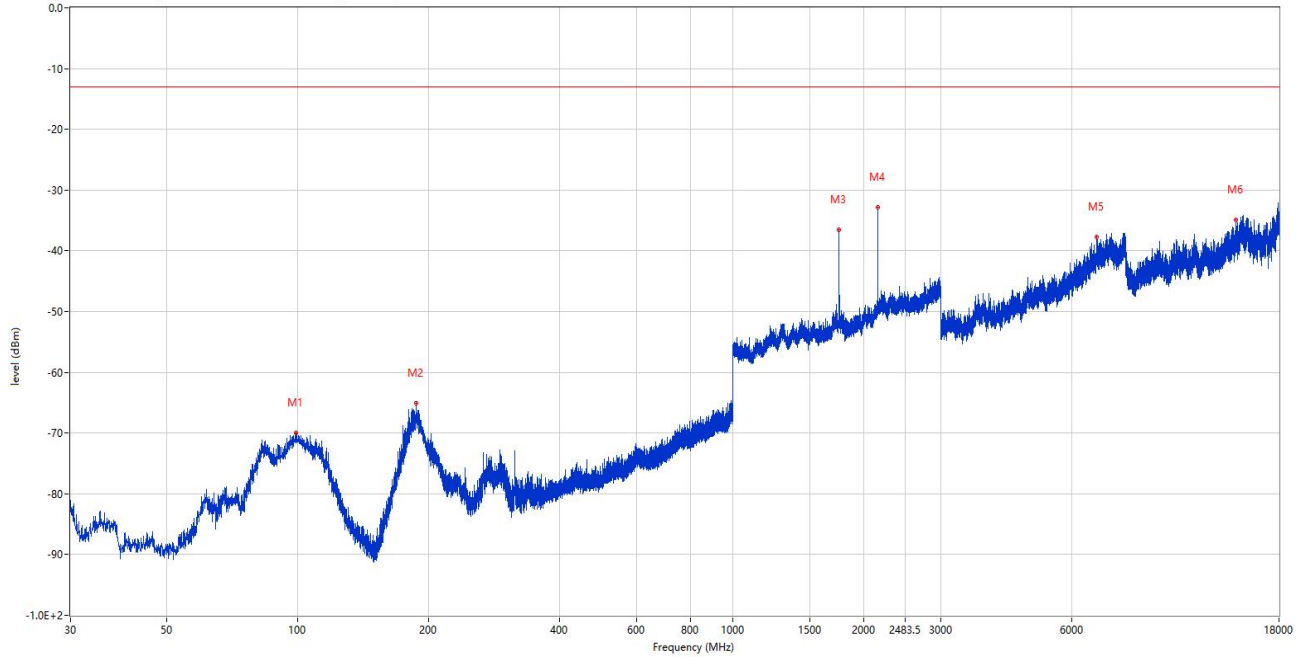
2.6 WCDMA B4 CH1513



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.362	-71.05	-19.72	-13.0	58.05	151.00	Vertical	Horizontal	Pass
185.200	-63.27	-17.90	-13.0	50.27	176.00	Vertical	Horizontal	Pass
1752.300	-41.27	2.64	-13.0	28.27	323.00	Vertical	Horizontal	N/A
2152.300	-28.61	4.72	-13.0	15.61	349.00	Vertical	Horizontal	N/A
7226.500	-37.33	18.55	-13.0	24.33	0.00	Vertical	Horizontal	Pass
14698.013	-33.10	23.35	-13.0	20.10	63.00	Vertical	Horizontal	Pass

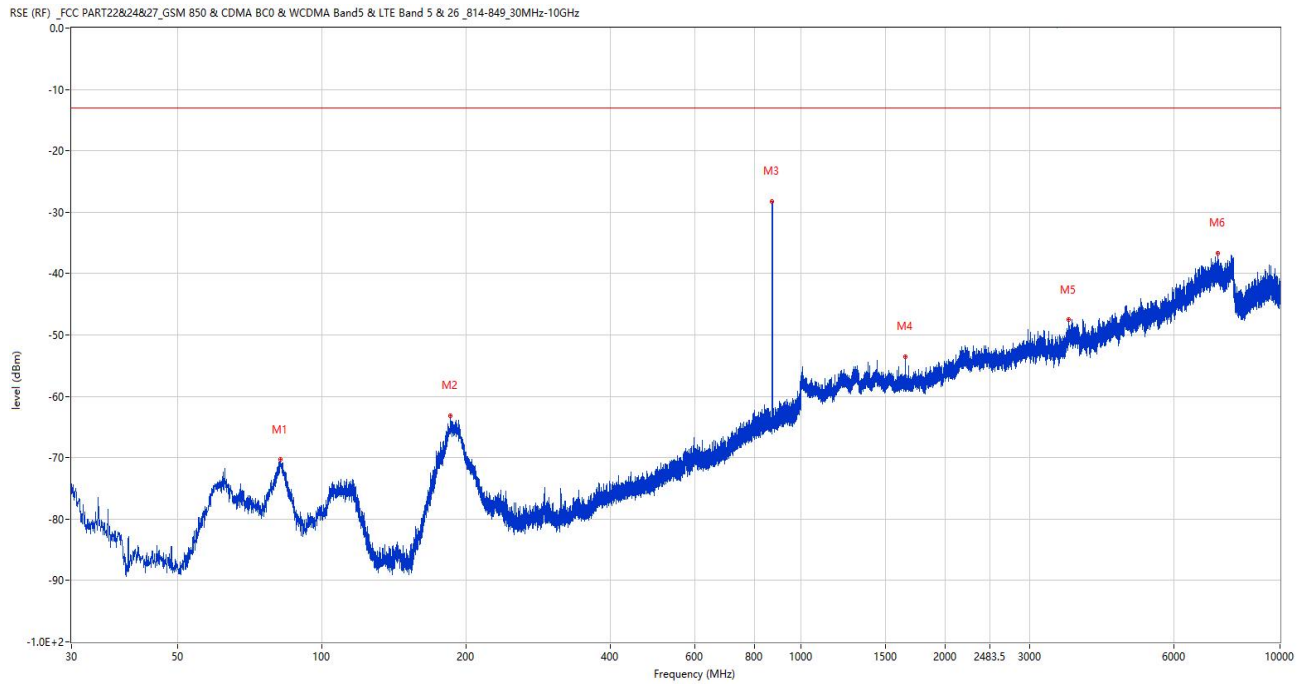
Band:WCDMA B4 CH1513

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



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.773	-69.99	-18.72	-13.0	56.99	39.00	Horizontal	Horizontal	Pass
186.704	-65.08	-17.78	-13.0	52.08	86.00	Horizontal	Horizontal	Pass
1752.400	-36.56	2.64	-13.0	23.56	108.00	Horizontal	Horizontal	N/A
2153.300	-32.85	4.73	-13.0	19.85	309.00	Horizontal	Horizontal	N/A
6867.500	-37.67	16.78	-13.0	24.67	125.00	Horizontal	Horizontal	Pass
14345.213	-34.94	22.39	-13.0	21.94	38.00	Horizontal	Horizontal	Pass

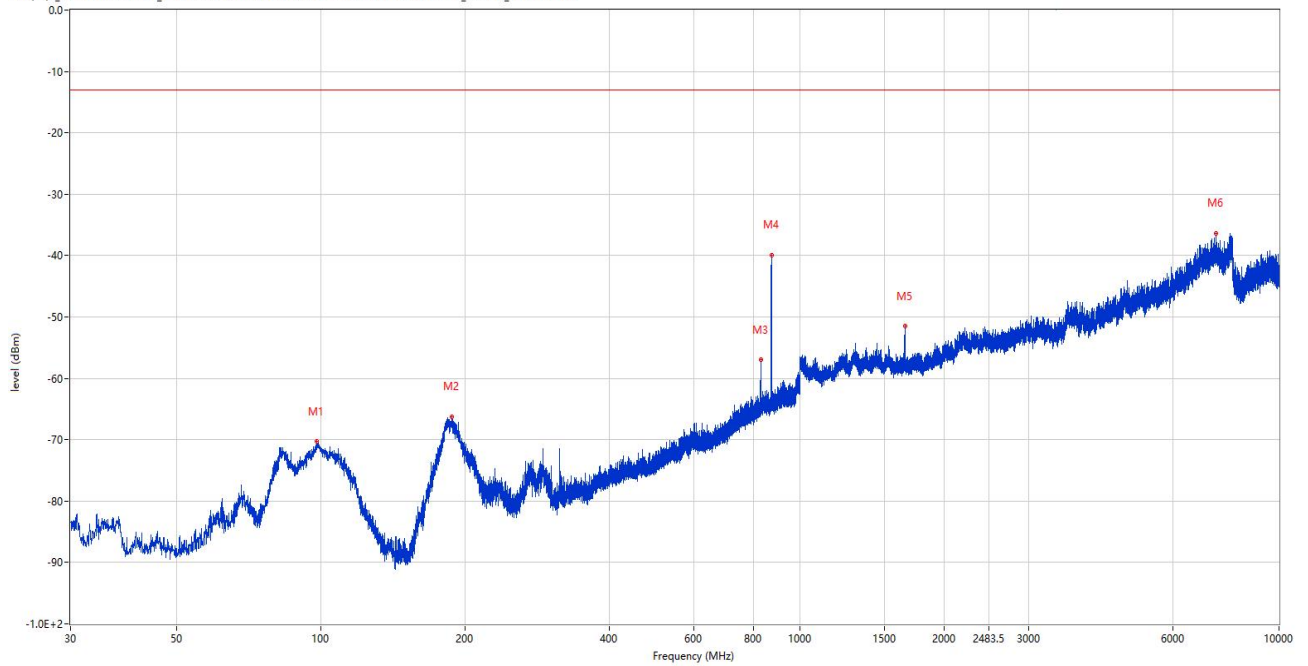
2.7 WCDMA B5 CH4132



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.992	-70.32	-18.39	-13.0	57.32	175.00	Vertical	Horizontal	Pass
185.491	-63.10	-15.80	-13.0	50.10	152.00	Vertical	Horizontal	Pass
870.844	-28.25	5.43	-13.0	15.25	235.00	Vertical	Horizontal	N/A
1651.800	-53.59	-3.61	-13.0	40.59	9.00	Vertical	Horizontal	Pass
3621.000	-47.51	7.87	-13.0	34.51	46.00	Vertical	Horizontal	Pass
7407.500	-36.69	19.07	-13.0	23.69	74.00	Vertical	Horizontal	Pass

Band:WCDMA B5 CH4132

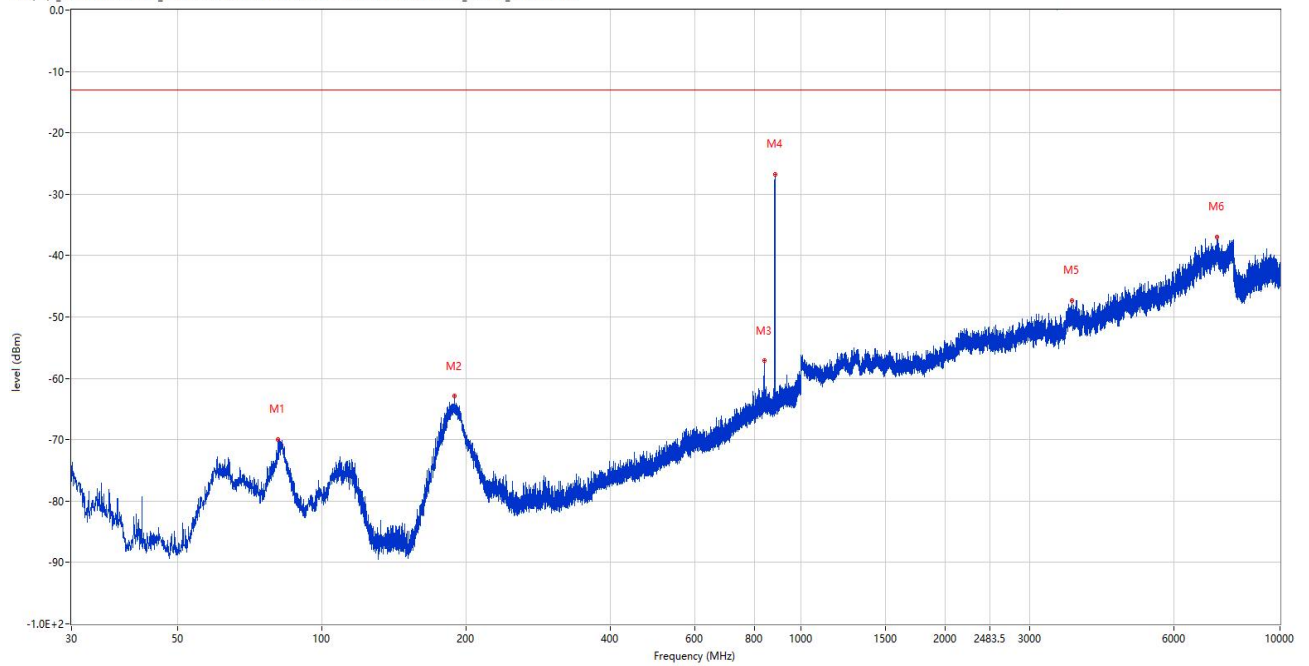
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.094	-70.33	-17.14	-13.0	57.33	180.00	Horizontal	Horizontal	Pass
187.867	-66.22	-15.58	-13.0	53.22	236.00	Horizontal	Horizontal	Pass
827.777	-57.02	5.48	-13.0	44.02	310.00	Horizontal	Horizontal	N/A
871.524	-39.93	5.46	-13.0	26.93	177.00	Horizontal	Horizontal	N/A
1656.300	-51.55	-3.65	-13.0	38.55	309.00	Horizontal	Horizontal	Pass
7398.000	-36.43	18.83	-13.0	23.43	266.00	Horizontal	Horizontal	Pass

2.8 WCDMA B5 CH4182

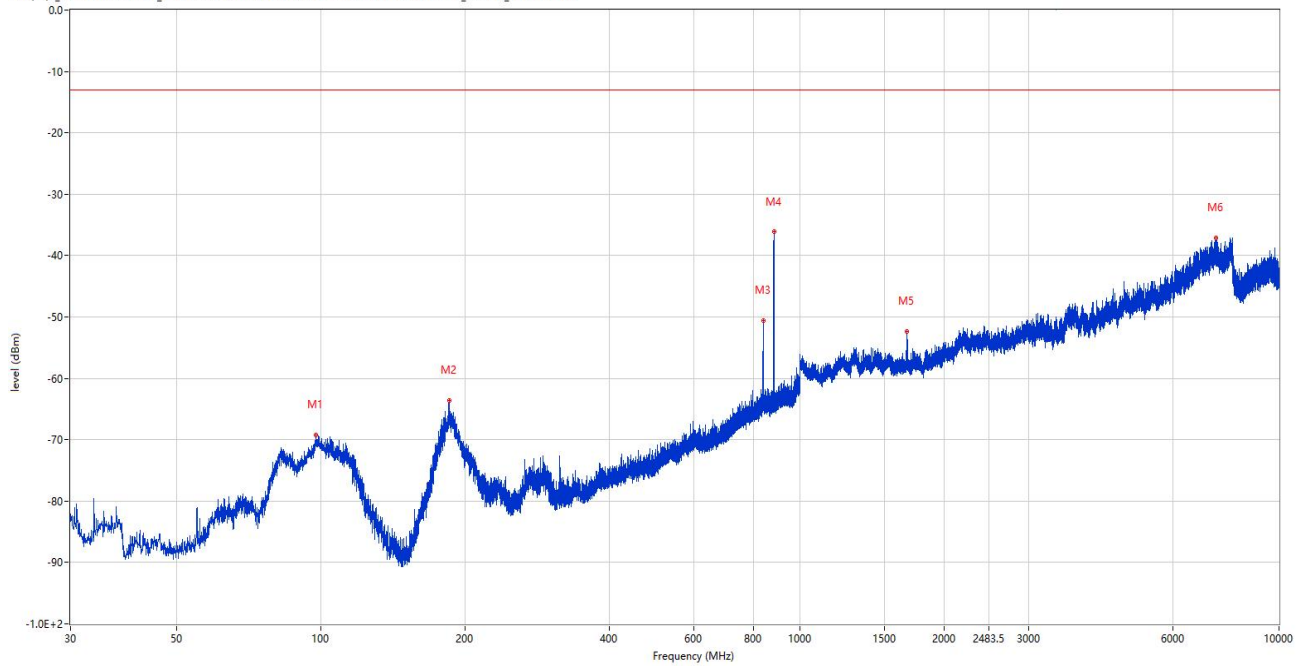
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.022	-69.93	-18.46	-13.0	56.93	161.00	Vertical	Horizontal	Pass
189.031	-62.94	-15.48	-13.0	49.94	58.00	Vertical	Horizontal	Pass
838.010	-57.15	5.75	-13.0	44.15	214.00	Vertical	Horizontal	N/A
881.999	-26.81	5.75	-13.0	13.81	282.00	Vertical	Horizontal	N/A
3680.250	-47.36	8.25	-13.0	34.36	321.00	Vertical	Horizontal	Pass
7373.250	-37.01	18.32	-13.0	24.01	12.00	Vertical	Horizontal	Pass

Band:WCDMA B5 CH4182

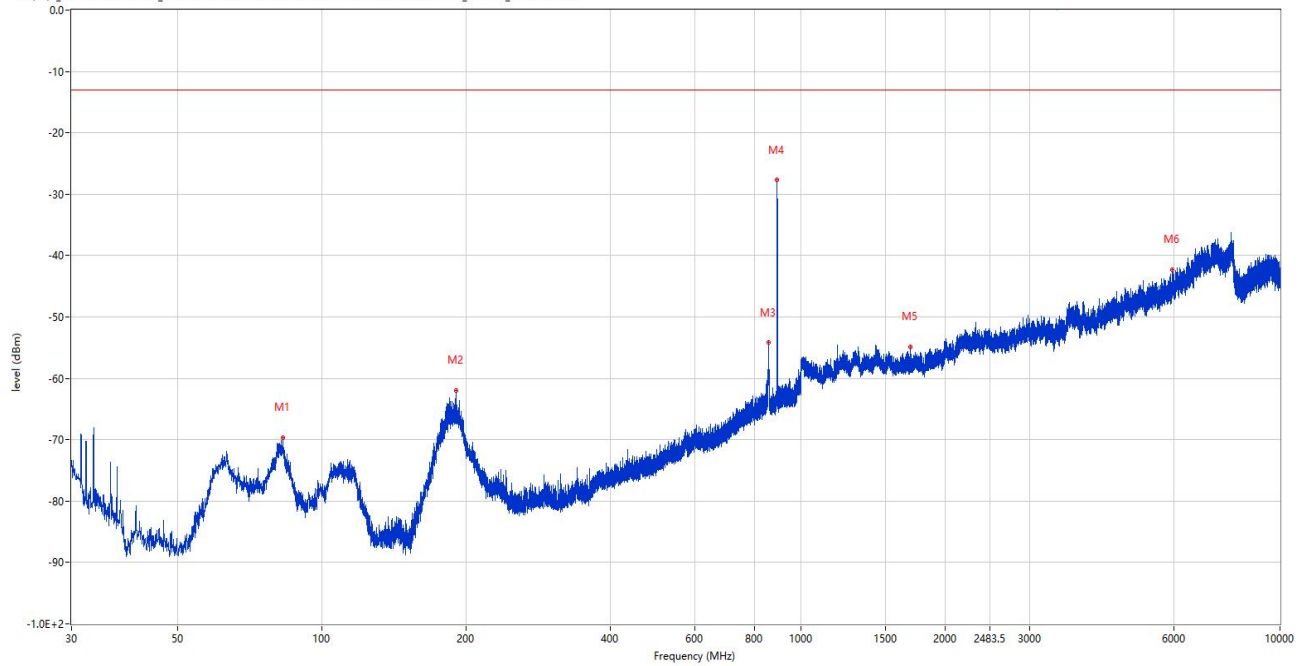
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
97.706	-69.28	-17.19	-13.0	56.28	44.00	Horizontal	Horizontal	Pass
185.055	-63.62	-15.84	-13.0	50.62	266.00	Horizontal	Horizontal	Pass
838.010	-50.60	5.75	-13.0	37.60	281.00	Horizontal	Horizontal	N/A
882.339	-36.16	5.74	-13.0	23.16	197.00	Horizontal	Horizontal	N/A
1671.500	-52.30	-3.64	-13.0	39.30	311.00	Horizontal	Horizontal	Pass
7388.000	-37.13	18.46	-13.0	24.13	44.00	Horizontal	Horizontal	Pass

2.9 WCDMA B5 CH4833

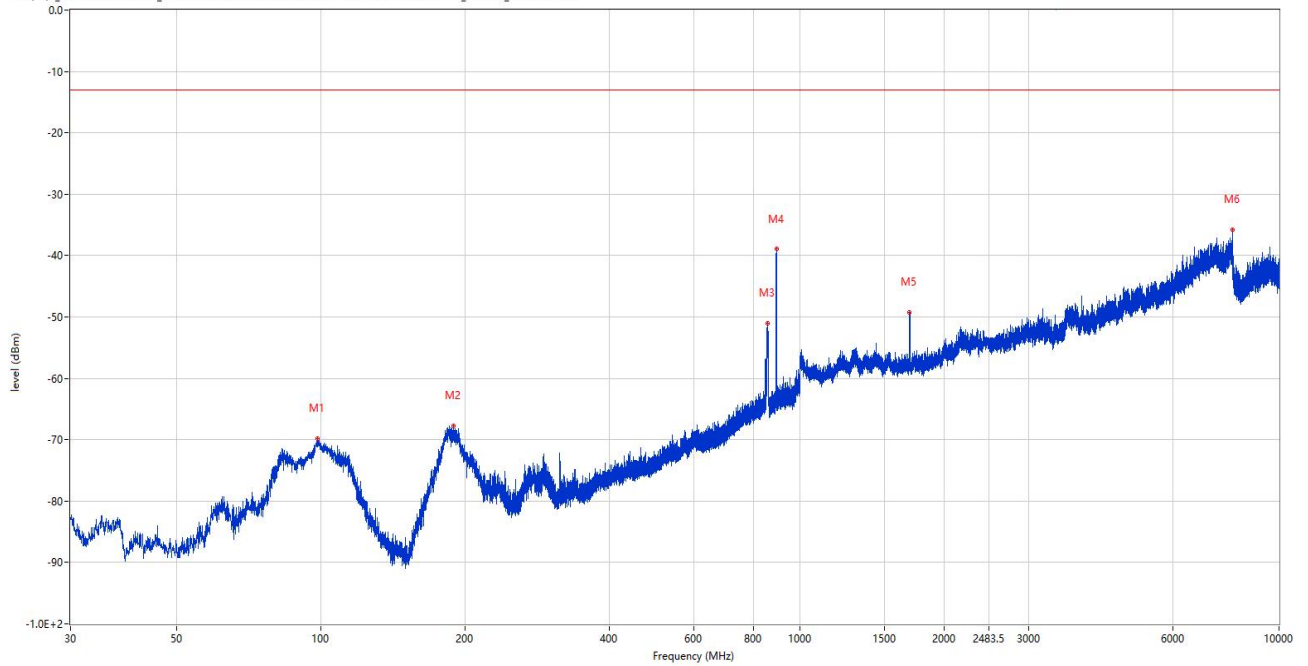
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.962	-69.63	-18.35	-13.0	56.63	267.00	Vertical	Horizontal	Pass
190.535	-61.99	-15.31	-13.0	48.99	177.00	Vertical	Horizontal	Pass
854.500	-54.19	5.80	-13.0	41.19	263.00	Vertical	Horizontal	N/A
891.700	-27.72	6.29	-13.0	14.72	84.00	Vertical	Horizontal	N/A
1691.500	-54.88	-4.04	-13.0	41.88	309.00	Vertical	Horizontal	Pass
5968.250	-42.27	13.09	-13.0	29.27	10.00	Vertical	Horizontal	Pass

Band:WCDMA B5 CH4233

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

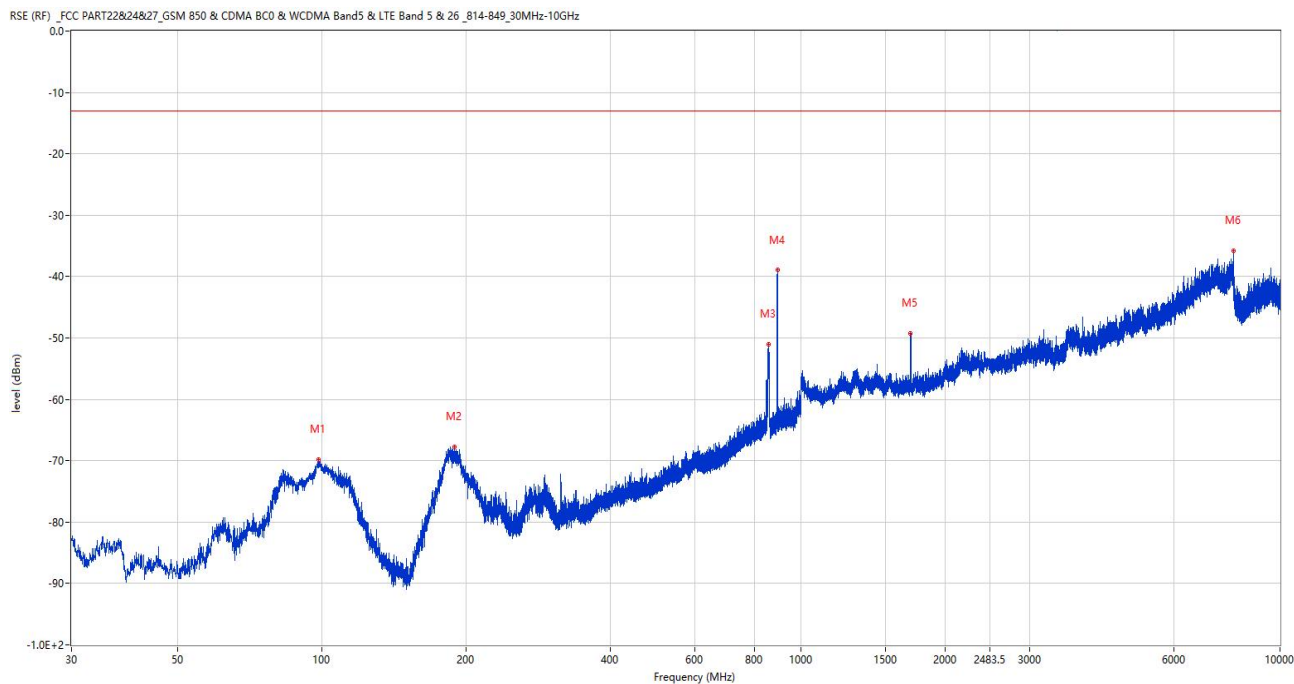


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.288	-69.77	-17.17	-13.0	56.77	44.00	Horizontal	Horizontal	Pass
188.740	-67.68	-15.50	-13.0	54.68	243.00	Horizontal	Horizontal	Pass
856.440	-51.01	5.80	-13.0	38.01	317.00	Horizontal	Horizontal	N/A
892.572	-38.95	6.33	-13.0	25.95	181.00	Horizontal	Horizontal	N/A
1692.800	-49.27	-4.04	-13.0	36.27	317.00	Horizontal	Horizontal	Pass
7987.500	-35.75	19.90	-13.0	22.75	282.00	Horizontal	Horizontal	Pass

3 LTE

3.1 LTE Band 2

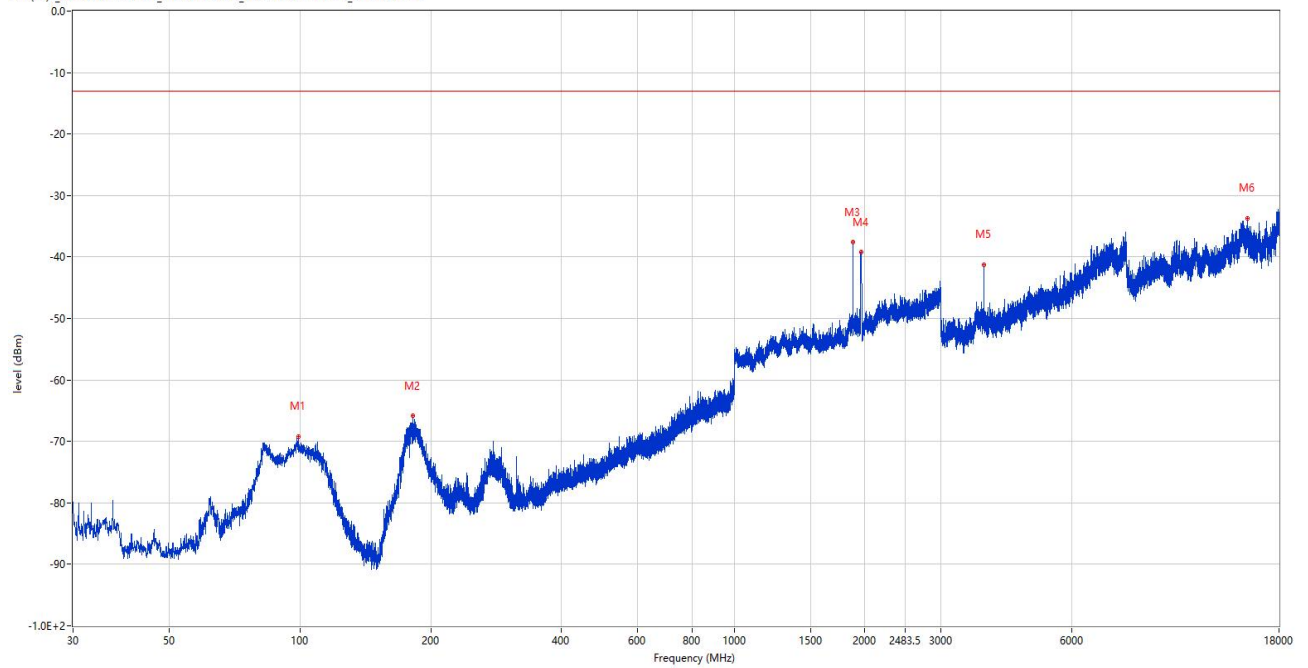
Band:LTE B2



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
98.288	-69.77	-17.17	-13.0	56.77	44.00	Horizontal	Horizontal	Pass
188.740	-67.68	-15.50	-13.0	54.68	243.00	Horizontal	Horizontal	Pass
856.440	-51.01	5.80	-13.0	38.01	317.00	Horizontal	Horizontal	N/A
892.572	-38.95	6.33	-13.0	25.95	181.00	Horizontal	Horizontal	N/A
1692.800	-49.27	-4.04	-13.0	36.27	317.00	Horizontal	Horizontal	Pass
7987.500	-35.75	19.90	-13.0	22.75	282.00	Horizontal	Horizontal	Pass

Band:LTE B2

RSE (RF) _FCC PART22&24&27_LTE Band 2 & 5 _1830-1920 & 824-849_30MHz-18GHz

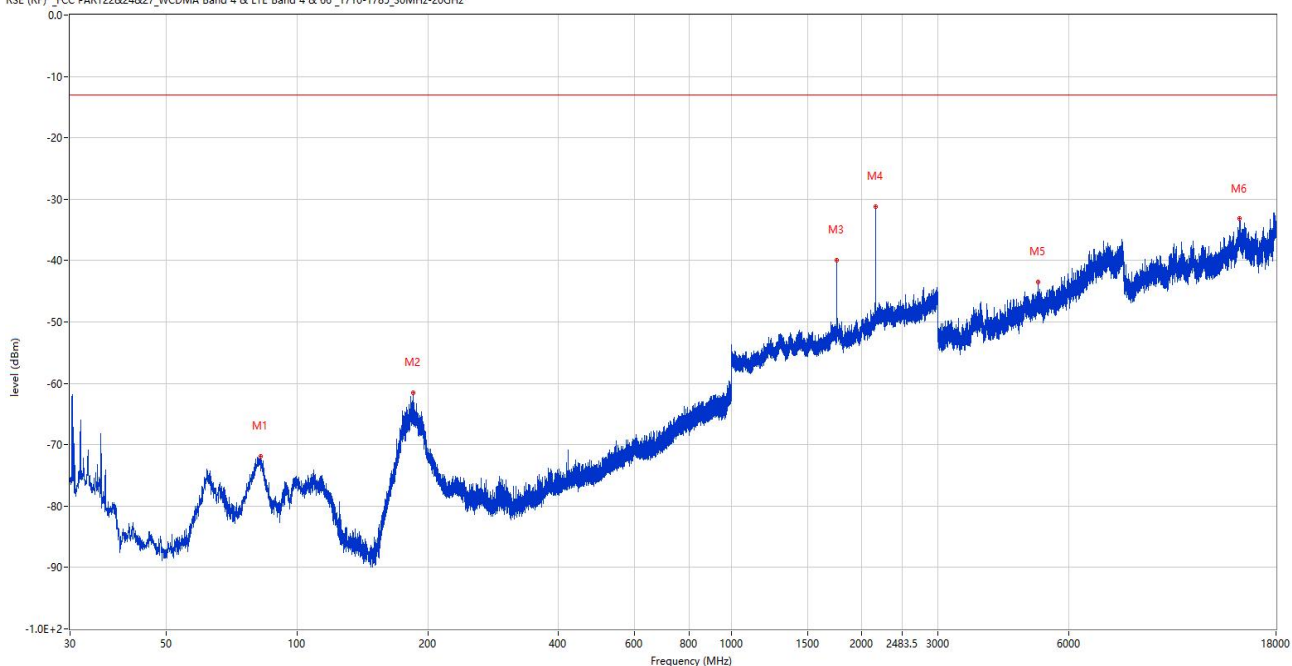


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
99.258	-69.23	-17.54	-13.0	56.23	198.00	Horizontal	Horizontal	Pass
181.805	-65.90	-16.23	-13.0	52.90	71.00	Horizontal	Horizontal	Pass
1881.000	-37.65	3.42	-13.0	24.65	174.00	Horizontal	Horizontal	N/A
1960.000	-39.23	2.92	-13.0	26.23	231.00	Horizontal	Horizontal	N/A
3761.000	-41.22	8.74	-13.0	28.22	340.00	Horizontal	Horizontal	Pass
15262.000	-33.77	22.67	-13.0	20.77	18.00	Horizontal	Horizontal	Pass

3.2 LTE Band 4

Band:LTE B4

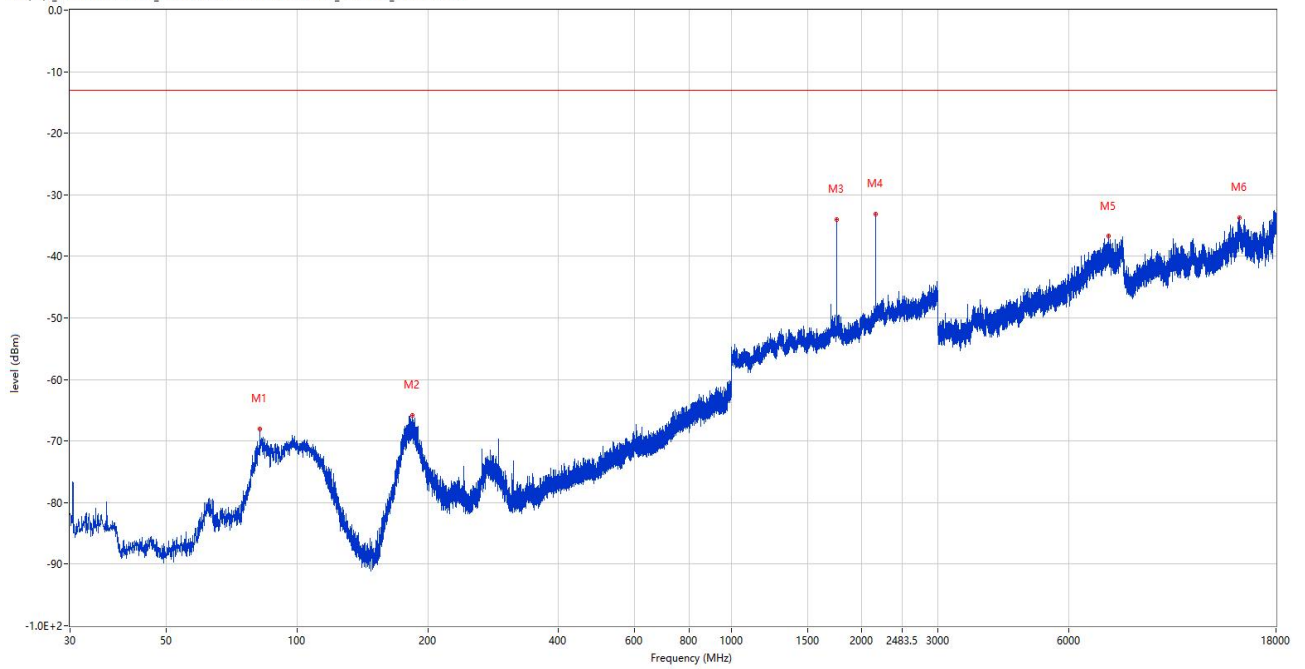
RSE (RF) _FCC PART22&24&27_WCDMA Band 4 & LTE Band 4 & 66_1710-1785_30MHz-20GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.525	-71.83	-18.56	-13.0	58.83	217.00	Vertical	Horizontal	Pass
184.861	-61.47	-16.13	-13.0	48.47	203.00	Vertical	Horizontal	Pass
1753.700	-39.97	2.66	-13.0	26.97	334.00	Vertical	Horizontal	N/A
2153.300	-31.18	4.73	-13.0	18.18	355.00	Vertical	Horizontal	N/A
5107.500	-43.48	11.05	-13.0	30.48	255.00	Vertical	Horizontal	Pass
14819.000	-33.18	24.54	-13.0	20.18	178.00	Vertical	Horizontal	Pass

Band:LTE B4

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

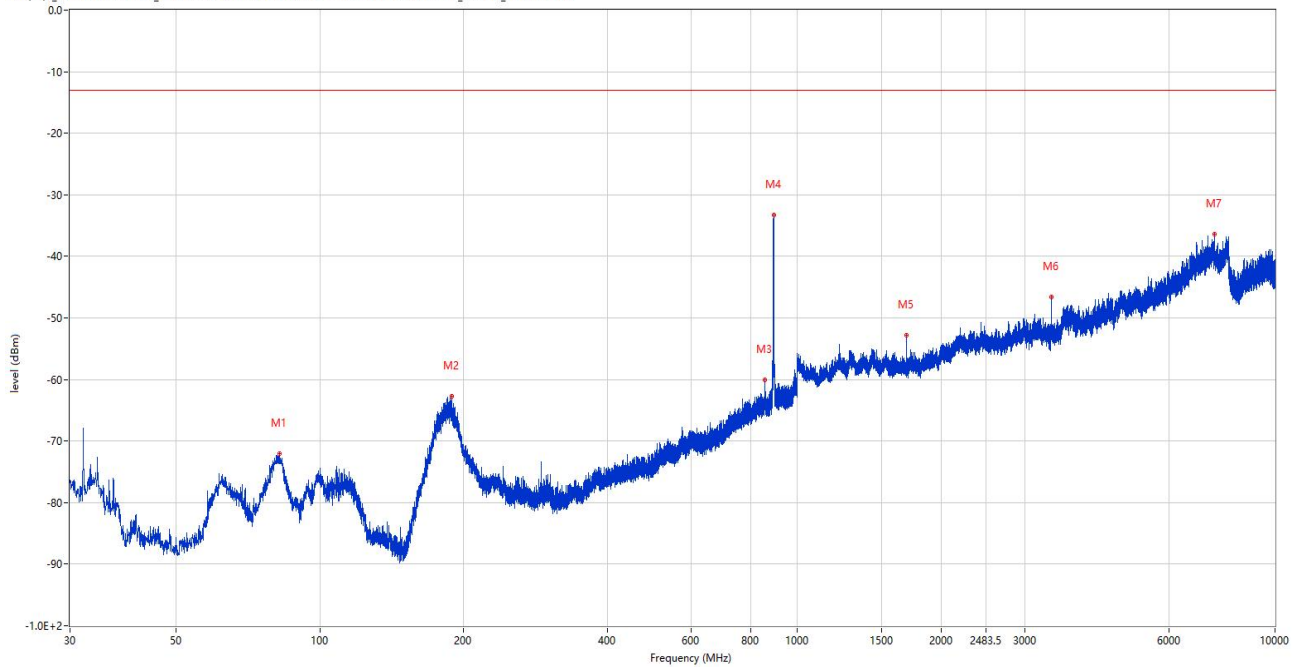


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.234	-68.02	-18.57	-13.0	55.02	33.00	Horizontal	Horizontal	Pass
184.133	-65.79	-16.15	-13.0	52.79	76.00	Horizontal	Horizontal	Pass
1753.600	-33.96	2.66	-13.0	20.96	193.00	Horizontal	Horizontal	N/A
2151.700	-33.10	4.71	-13.0	20.10	28.00	Horizontal	Horizontal	N/A
7390.500	-36.74	18.49	-13.0	23.74	0.00	Horizontal	Horizontal	Pass
14823.000	-33.72	24.45	-13.0	20.72	50.00	Horizontal	Horizontal	Pass

3.3 LTE Band 5

Band:LTE B5

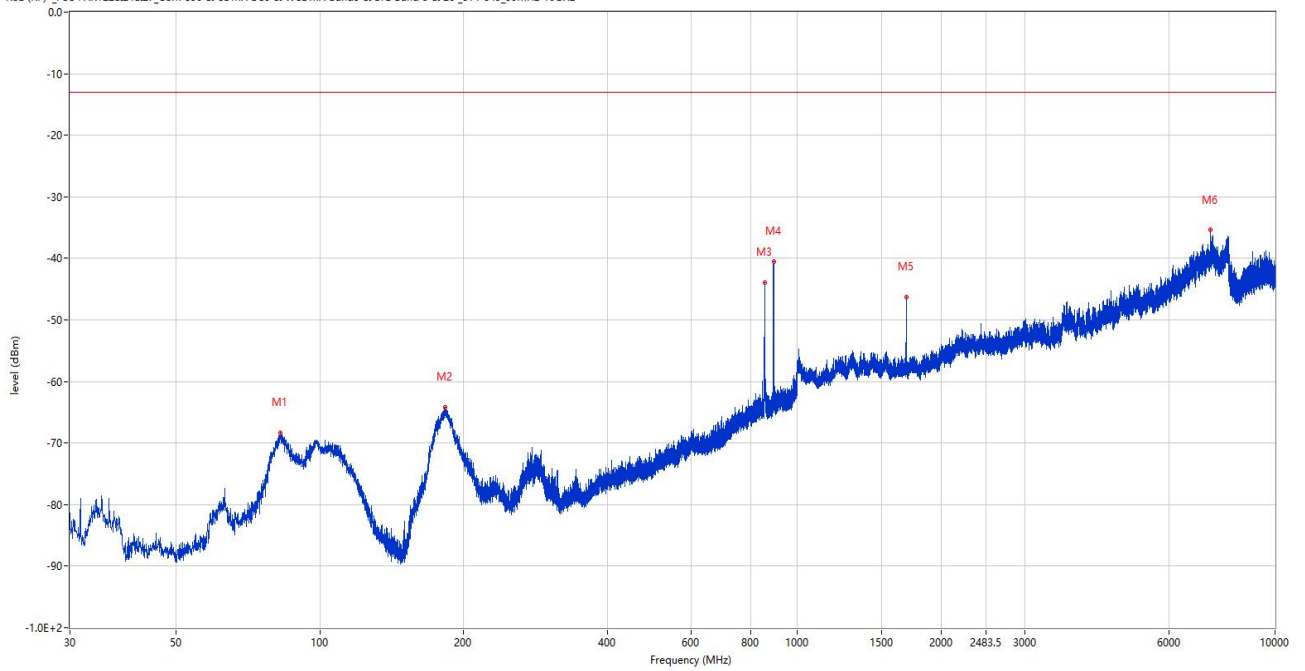
RSE (RF) _FCC PART22&24&27_GSM 850 & CDMA BC0 & WCDMA Band5 & LTE Band 5 & 26_814-849_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.380	-72.02	-18.37	-13.0	59.02	151.00	Vertical	Horizontal	Pass
188.837	-62.75	-15.49	-13.0	49.75	47.00	Vertical	Horizontal	Pass
854.209	-60.03	5.80	-13.0	47.03	187.00	Vertical	Horizontal	N/A
893.154	-33.32	6.34	-13.0	20.32	143.00	Vertical	Horizontal	N/A
1689.400	-52.86	-4.03	-13.0	39.86	9.00	Vertical	Horizontal	Pass
3403.500	-46.62	5.08	-13.0	33.62	156.00	Vertical	Horizontal	Pass
7458.000	-36.42	18.31	-13.0	23.42	26.00	Vertical	Horizontal	Pass

Band:LTE B5

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

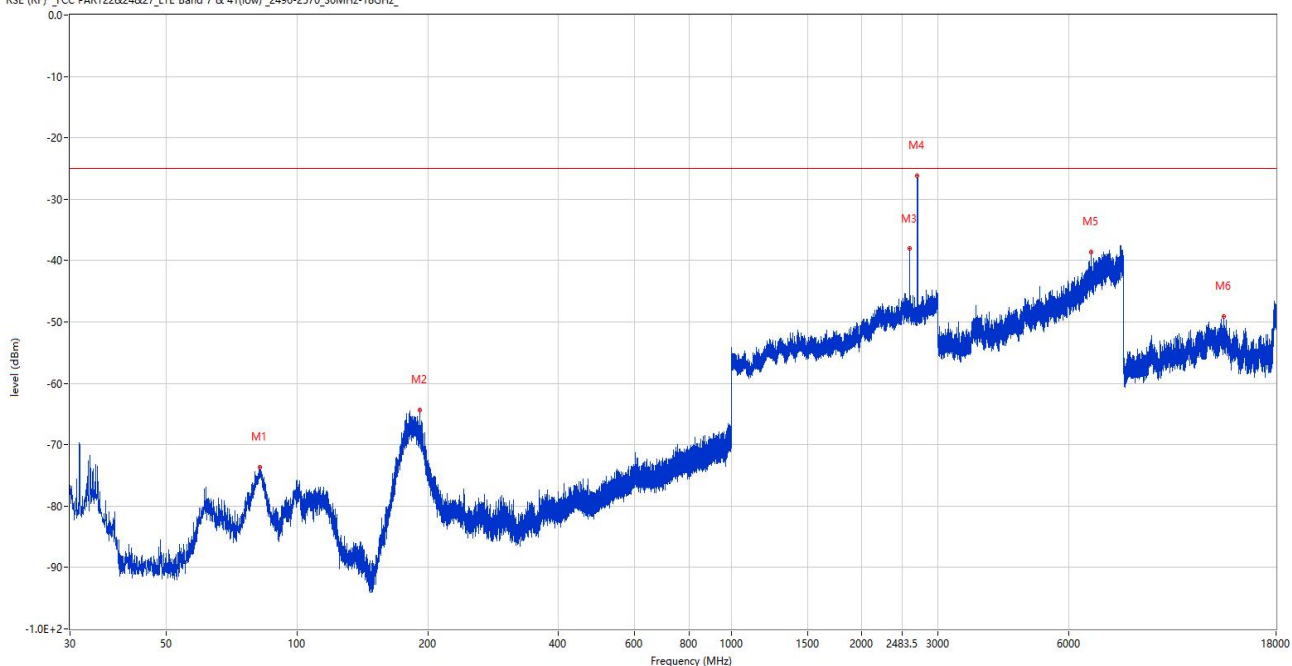


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.574	-68.29	-18.37	-13.0	55.29	42.00	Horizontal	Horizontal	Pass
182.775	-64.20	-15.91	-13.0	51.20	71.00	Horizontal	Horizontal	Pass
854.354	-43.95	5.80	-13.0	30.95	92.00	Horizontal	Horizontal	N/A
892.766	-40.49	6.33	-13.0	27.49	252.00	Horizontal	Horizontal	N/A
1689.500	-46.28	-4.03	-13.0	33.28	225.00	Horizontal	Horizontal	Pass
7333.500	-35.41	17.62	-13.0	22.41	218.00	Horizontal	Horizontal	Pass

3.4 LTE Band 7

Band:LTE B7

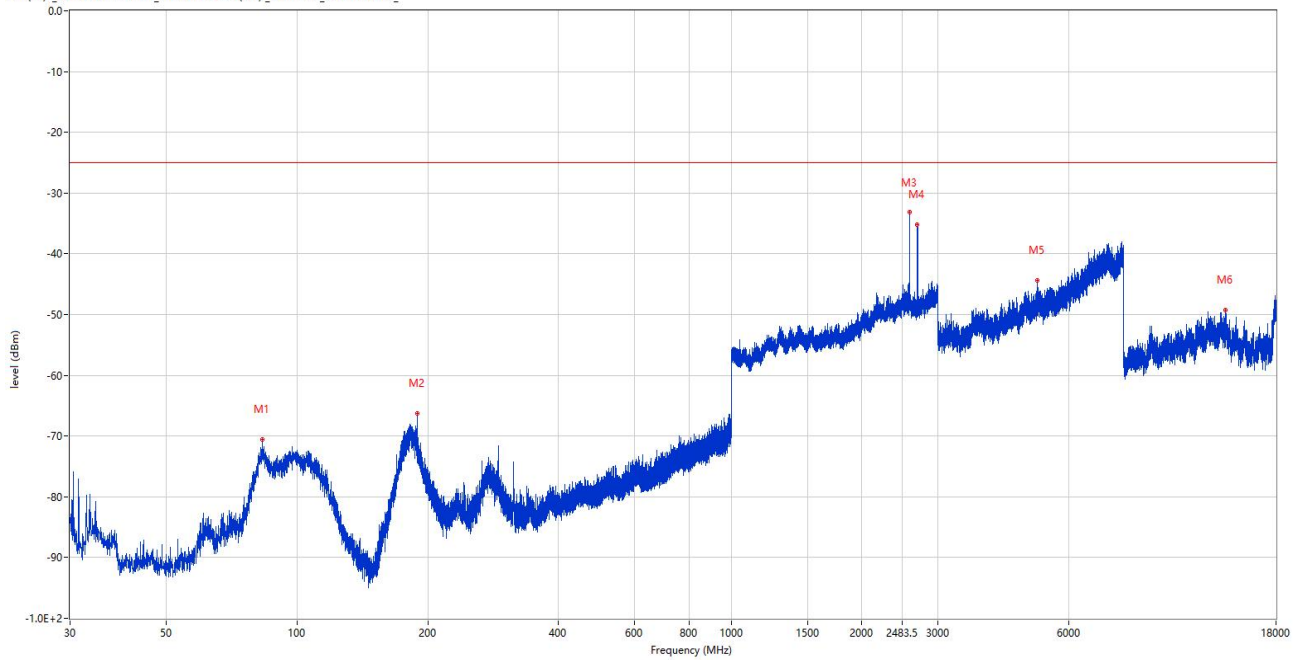
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.283	-73.68	-19.66	-25.0	48.68	162.00	Vertical	Horizontal	Pass
191.650	-64.32	-17.28	-25.0	39.32	179.00	Vertical	Horizontal	Pass
2579.000	-38.08	7.60	-25.0	13.08	93.00	Vertical	Horizontal	N/A
2687.700	-26.21	6.94	-25.0	1.21	185.00	Vertical	Horizontal	N/A
6745.750	-38.65	15.61	-25.0	13.65	132.00	Vertical	Horizontal	Pass
13649.000	-49.07	9.52	-25.0	24.07	179.00	Vertical	Horizontal	Pass

Band:LTE B7

RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_

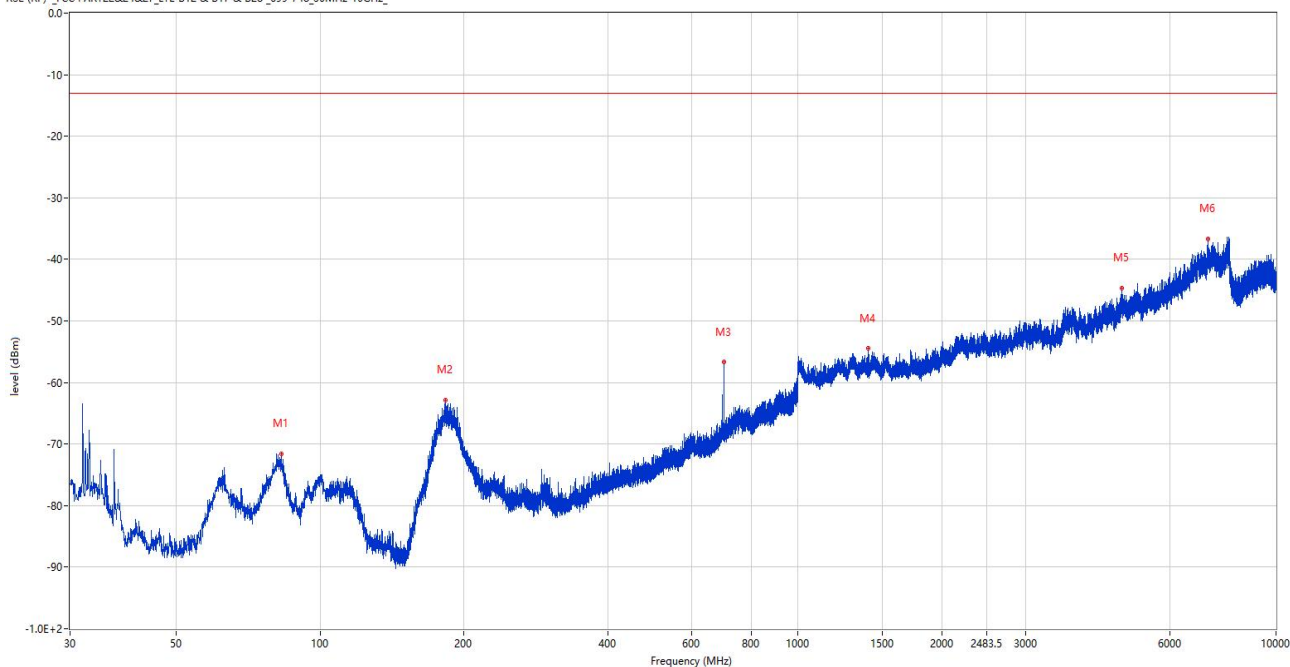


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.253	-70.59	-19.62	-25.0	45.59	38.00	Horizontal	Horizontal	Pass
189.225	-66.31	-17.59	-25.0	41.31	261.00	Horizontal	Horizontal	Pass
2579.000	-33.18	7.60	-25.0	8.18	308.00	Horizontal	Horizontal	N/A
2686.800	-35.14	6.92	-25.0	10.14	37.00	Horizontal	Horizontal	N/A
5072.000	-44.32	11.00	-25.0	19.32	334.00	Horizontal	Horizontal	Pass
13752.001	-49.22	9.18	-25.0	24.22	247.00	Horizontal	Horizontal	Pass

3.5 LTE Band 12

Band:LTE B12

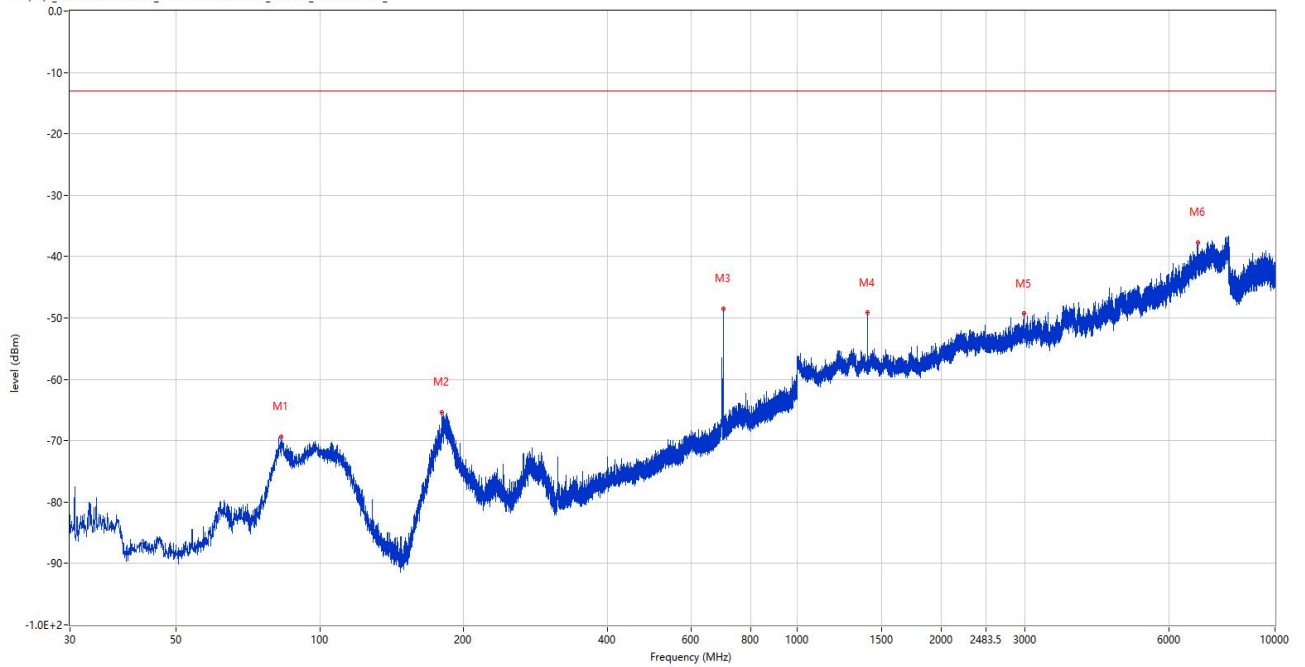
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
83.107	-71.63	-18.49	-13.0	58.63	226.00	Vertical	Horizontal	Pass
182.920	-62.91	-16.11	-13.0	49.91	155.00	Vertical	Horizontal	Pass
700.124	-56.71	1.96	-13.0	43.71	233.00	Vertical	Horizontal	N/A
1401.300	-54.50	-3.63	-13.0	41.50	55.00	Vertical	Horizontal	Pass
4752.750	-44.62	11.20	-13.0	31.62	191.00	Vertical	Horizontal	Pass
7217.750	-36.69	18.44	-13.0	23.69	21.00	Vertical	Horizontal	Pass

Band:LTE B12

RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28_699-748_30MHz-10GHz_

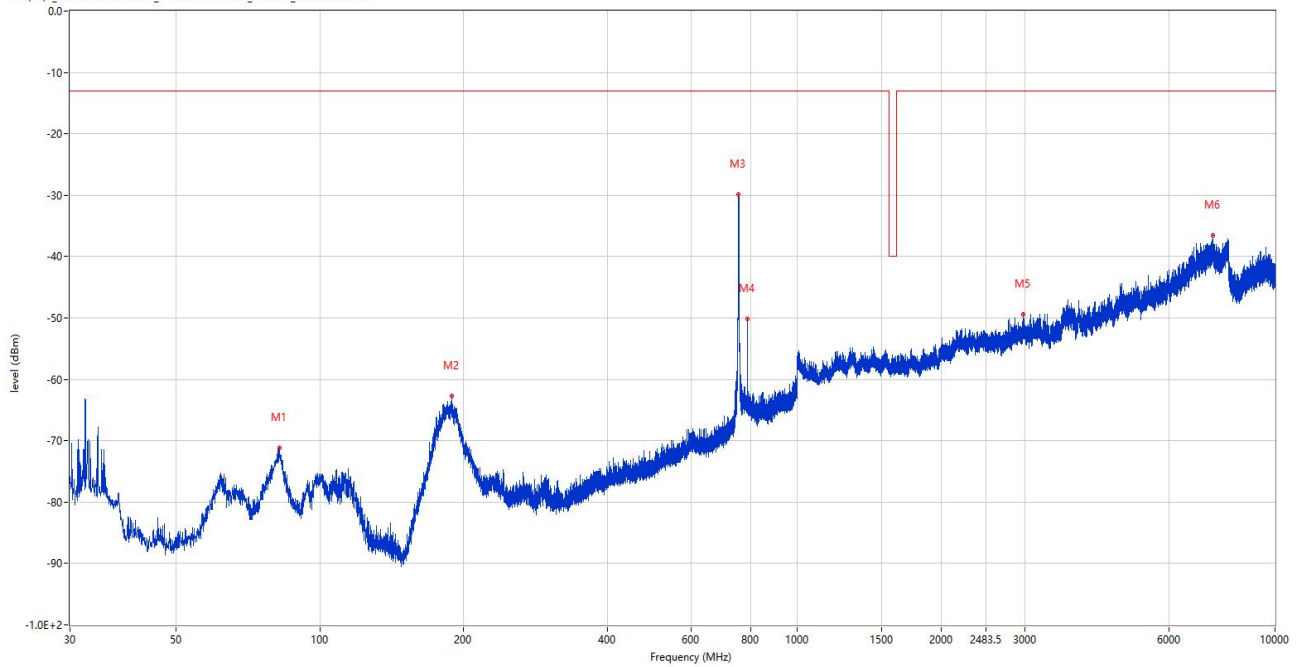


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.962	-69.38	-18.50	-13.0	56.38	30.00	Horizontal	Horizontal	Pass
180.108	-65.33	-16.24	-13.0	52.33	80.00	Horizontal	Horizontal	Pass
700.124	-48.46	1.96	-13.0	35.46	301.00	Horizontal	Horizontal	N/A
1401.200	-49.13	-3.62	-13.0	36.13	243.00	Horizontal	Horizontal	Pass
2977.100	-49.33	4.33	-13.0	36.33	1.00	Horizontal	Horizontal	Pass
6885.000	-37.73	16.64	-13.0	24.73	3.00	Horizontal	Horizontal	Pass

3.6 LTE Band 13

Band:LTE B13

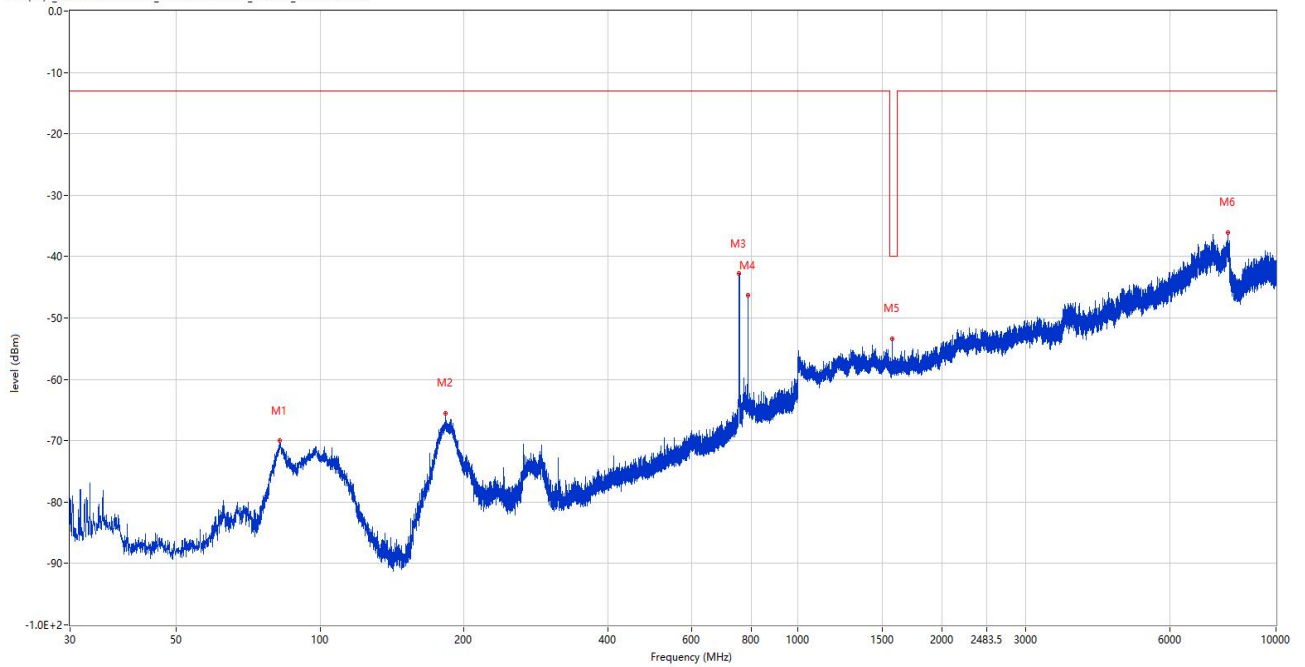
RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.331	-71.17	-18.53	-13.0	58.17	224.00	Vertical	Horizontal	Pass
189.080	-62.71	-15.74	-13.0	49.71	196.00	Vertical	Horizontal	Pass
751.680	-29.91	3.45	-13.0	16.91	347.00	Vertical	Horizontal	N/A
786.600	-50.15	6.10	-13.0	37.15	202.00	Vertical	Horizontal	N/A
2976.200	-49.45	4.28	-13.0	36.45	290.00	Vertical	Horizontal	Pass
7417.000	-36.48	18.81	-13.0	23.48	132.00	Vertical	Horizontal	Pass

Band:LTE B13

RSE (RF) _FCC PART22&24&27_LTE Band 13 & 14 _777-803_30MHz-10GHz

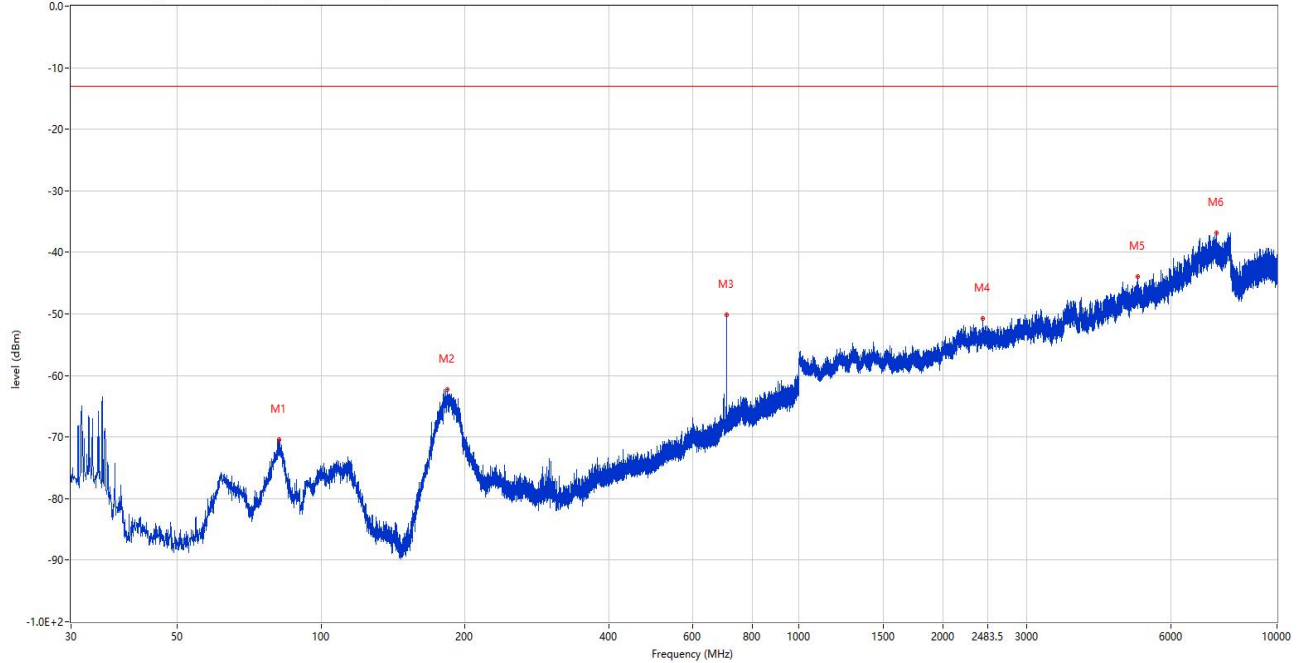


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.525	-70.04	-18.52	-13.0	57.04	29.00	Horizontal	Horizontal	Pass
183.406	-65.57	-16.17	-13.0	52.57	286.00	Horizontal	Horizontal	Pass
752.747	-42.80	3.49	-13.0	29.80	359.00	Horizontal	Horizontal	N/A
786.649	-46.37	6.10	-13.0	33.37	314.00	Horizontal	Horizontal	N/A
1574.300	-53.42	-4.18	-40.0	13.42	340.00	Horizontal	Horizontal	Pass
7926.500	-36.04	19.17	-13.0	23.04	155.00	Horizontal	Horizontal	Pass

3.7 LTE Band 17

Band:LTE B17

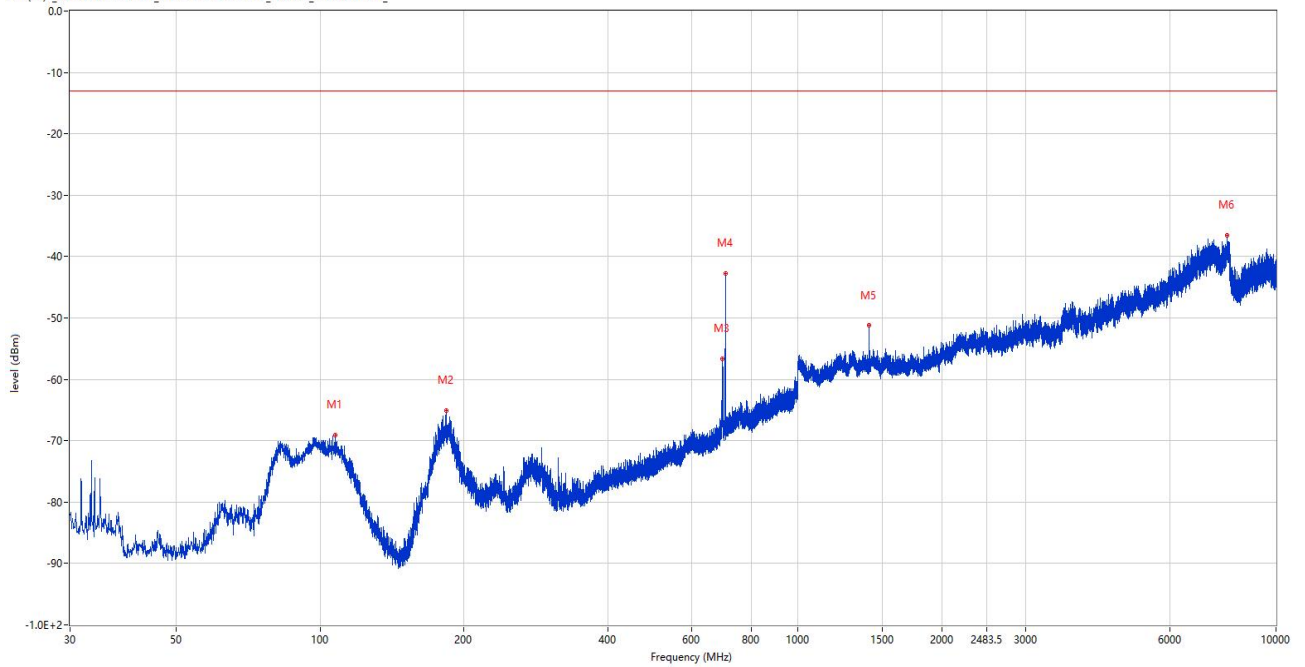
RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.846	-70.41	-18.56	-13.0	57.41	168.00	Vertical	Horizontal	Pass
184.084	-62.29	-16.05	-13.0	49.29	183.00	Vertical	Horizontal	Pass
704.635	-50.18	2.17	-13.0	37.18	223.00	Vertical	Horizontal	N/A
2428.000	-50.71	1.36	-13.0	37.71	29.00	Vertical	Horizontal	Pass
5115.750	-44.00	11.11	-13.0	31.00	229.00	Vertical	Horizontal	Pass
7467.750	-36.87	18.28	-13.0	23.87	168.00	Vertical	Horizontal	Pass

Band:LTE B17

RSE (RF) _FCC PART22&24&27_LTE B12 & B17 & B28 _699-748_30MHz-10GHz_

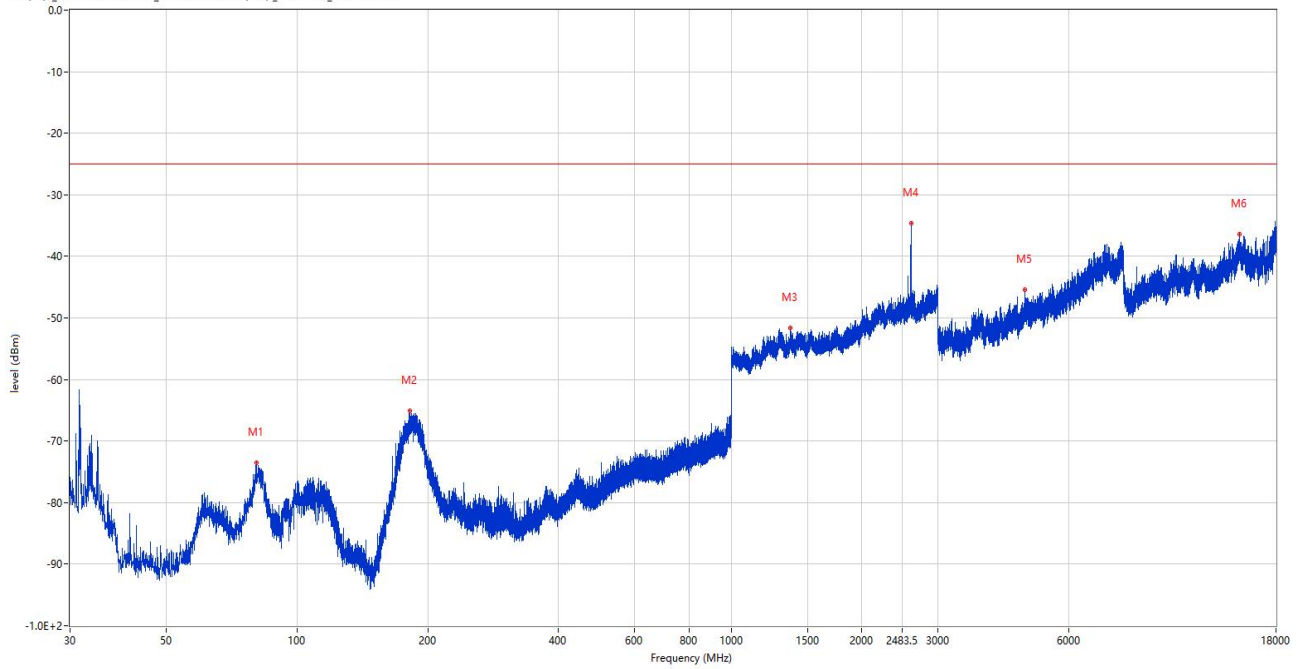


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
107.503	-69.04	-17.57	-13.0	56.04	188.00	Horizontal	Horizontal	Pass
183.454	-65.08	-16.08	-13.0	52.08	88.00	Horizontal	Horizontal	Pass
694.935	-56.72	1.90	-13.0	43.72	259.00	Horizontal	Horizontal	N/A
704.586	-42.76	2.16	-13.0	29.76	284.00	Horizontal	Horizontal	N/A
1410.400	-51.25	-3.75	-13.0	38.25	239.00	Horizontal	Horizontal	Pass
7896.250	-36.49	19.08	-13.0	23.49	47.00	Horizontal	Horizontal	Pass

3.8 LTE Band 38

Band:LTE B38

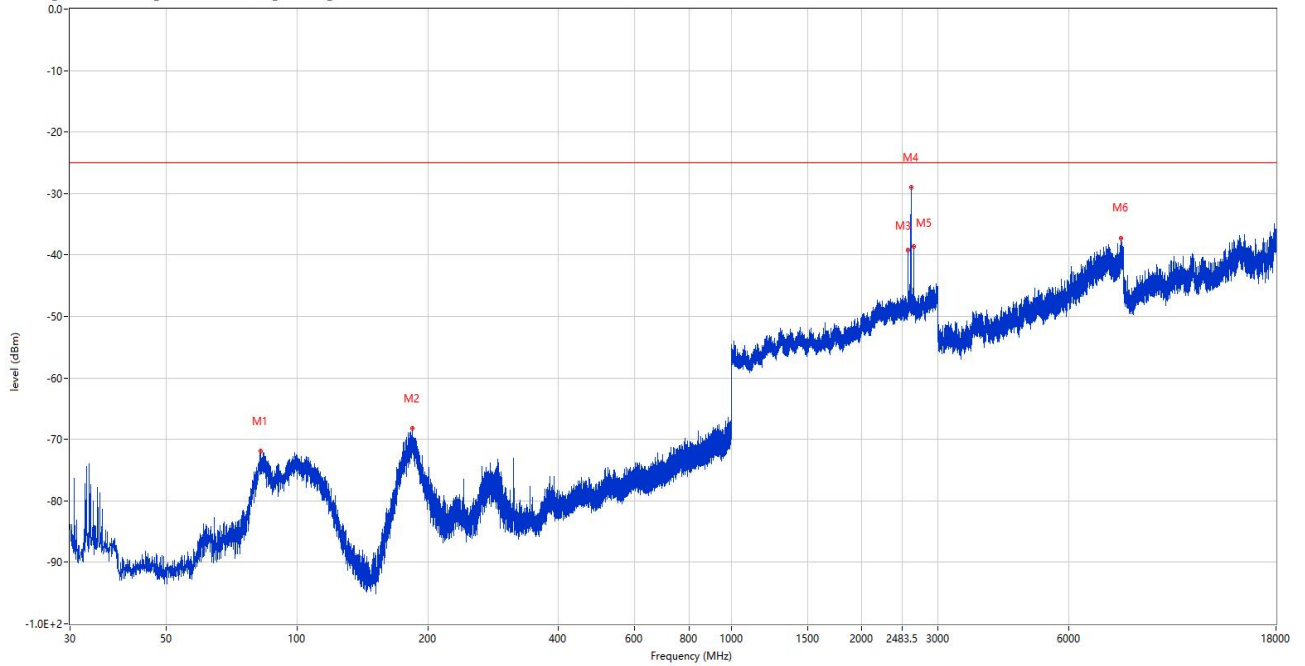
RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid)_2570-2620_30MHz-18GHz



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
80.634	-73.52	-19.77	-25.0	48.52	86.00	Vertical	Horizontal	Pass
181.902	-65.08	-17.99	-25.0	40.08	151.00	Vertical	Horizontal	Pass
1368.700	-51.56	0.68	-25.0	26.56	285.00	Vertical	Horizontal	Pass
2596.000	-34.58	7.78	-25.0	9.58	341.00	Vertical	Horizontal	N/A
4744.000	-45.41	11.02	-25.0	20.41	64.00	Vertical	Horizontal	Pass
14821.000	-36.38	24.52	-25.0	11.38	188.00	Vertical	Horizontal	Pass

Band:LTE B38

RSE (RF) _FCC PART22&24&27_LTE Band 38 & 41(mid) _2570-2620_30MHz-18GHz

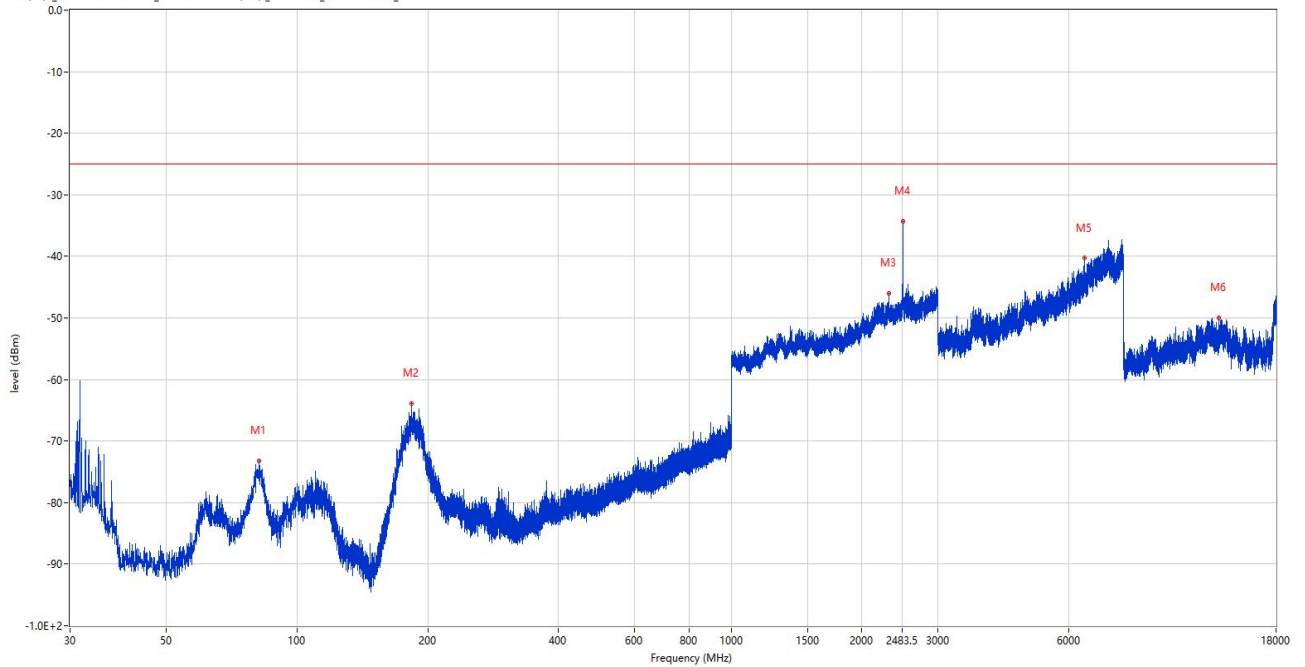


Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
82.428	-71.93	-19.65	-25.0	46.93	39.00	Horizontal	Horizontal	Pass
184.230	-68.24	-17.93	-25.0	43.24	68.00	Horizontal	Horizontal	Pass
2560.700	-39.22	7.89	-25.0	14.22	321.00	Horizontal	Horizontal	N/A
2596.000	-29.04	7.78	-25.0	4.04	197.00	Horizontal	Horizontal	N/A
2630.800	-38.56	7.82	-25.0	13.56	191.00	Horizontal	Horizontal	N/A
7914.000	-37.28	19.31	-25.0	12.28	79.00	Horizontal	Horizontal	Pass

3.9 LTE Band 41

Band:LTE B41

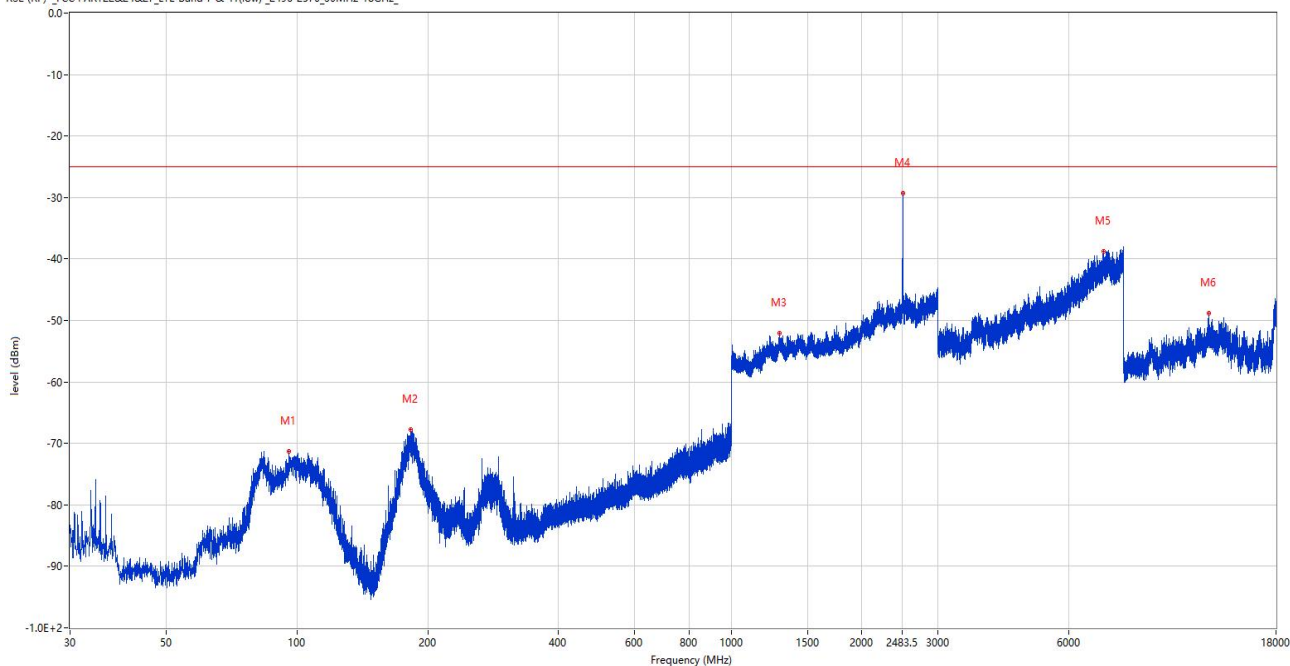
RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
81.652	-73.23	-19.70	-25.0	48.23	217.00	Vertical	Horizontal	Pass
183.794	-63.90	-17.94	-25.0	38.90	160.00	Vertical	Horizontal	Pass
2305.400	-45.95	5.73	-25.0	20.95	187.00	Vertical	Horizontal	Pass
2489.400	-34.35	7.73	-25.0	9.35	122.00	Vertical	Horizontal	N/A
6525.250	-40.30	15.15	-25.0	15.30	342.00	Vertical	Horizontal	Pass
13286.000	-49.98	9.46	-25.0	24.98	201.00	Vertical	Horizontal	Pass

Band:LTE B41

RSE (RF) _FCC PART22&24&27_LTE Band 7 & 41(low) _2496-2570_30MHz-18GHz_



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
95.911	-71.31	-19.04	-25.0	46.31	16.00	Horizontal	Horizontal	Pass
183.114	-67.79	-17.96	-25.0	42.79	65.00	Horizontal	Horizontal	Pass
1292.300	-52.11	0.77	-25.0	27.11	132.00	Horizontal	Horizontal	Pass
2491.900	-29.23	7.70	-25.0	4.23	255.00	Horizontal	Horizontal	N/A
7219.750	-38.74	18.55	-25.0	13.74	229.00	Horizontal	Horizontal	Pass
12583.999	-48.82	8.70	-25.0	23.82	114.00	Horizontal	Horizontal	Pass