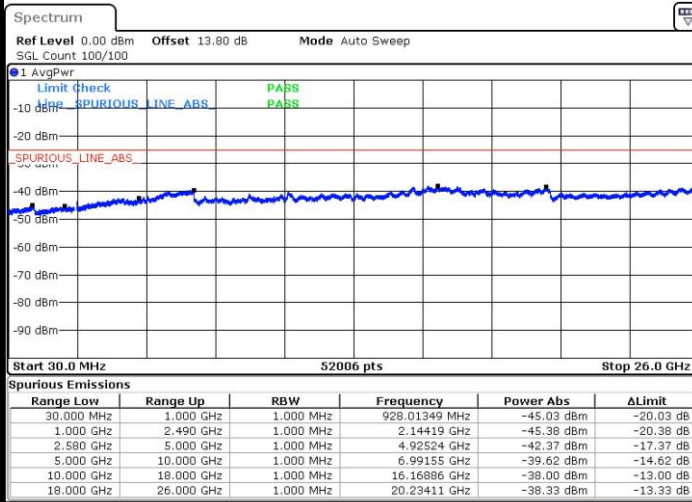




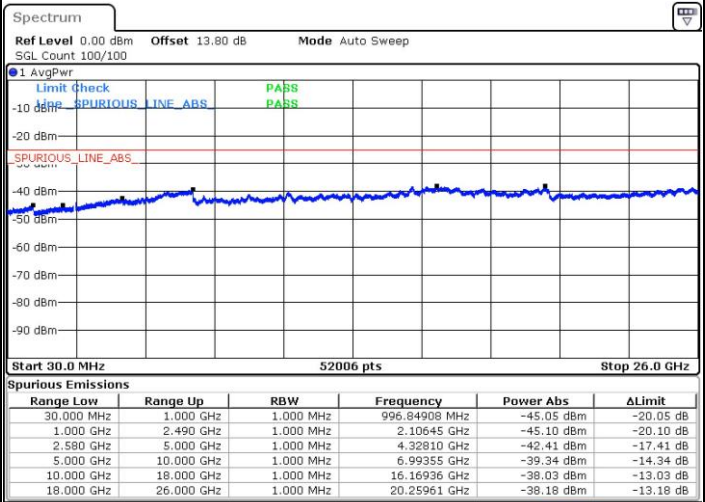
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 7.SEP.2018 11:24:52

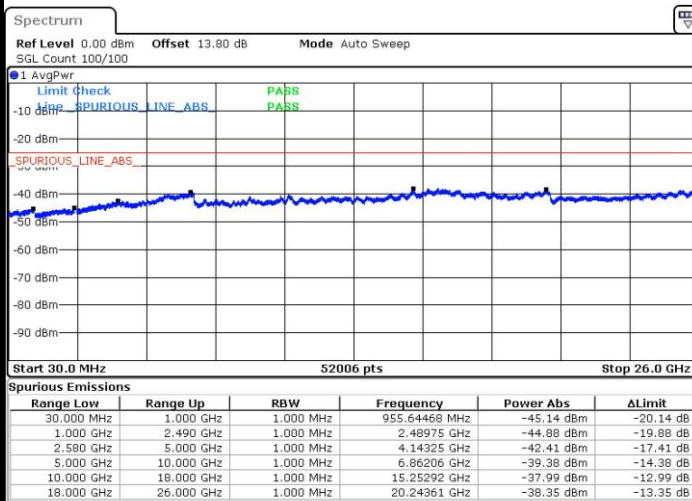
Highest Channel / 16QAM



Date: 7.SEP.2018 11:25:41

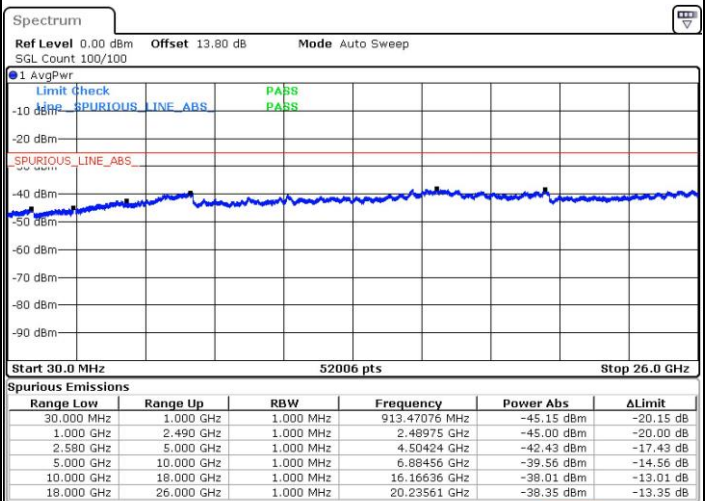
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 7.SEP.2018 11:28:52

Lowest Channel / 16QAM

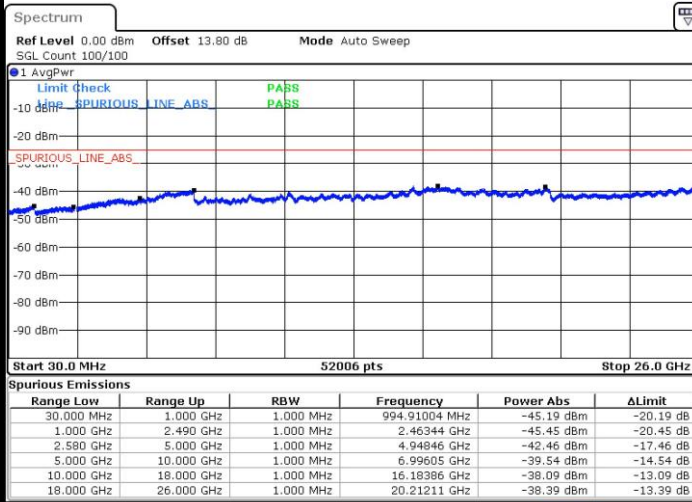


Date: 7.SEP.2018 11:29:42



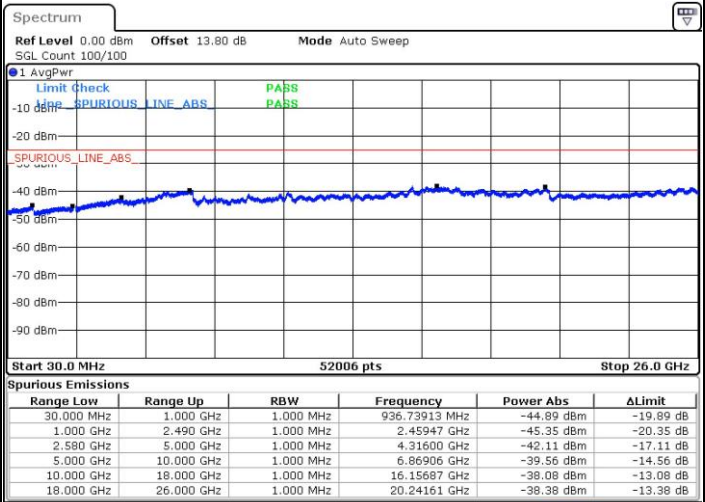
LTE Band 7 / 20MHz

Middle Channel / QPSK



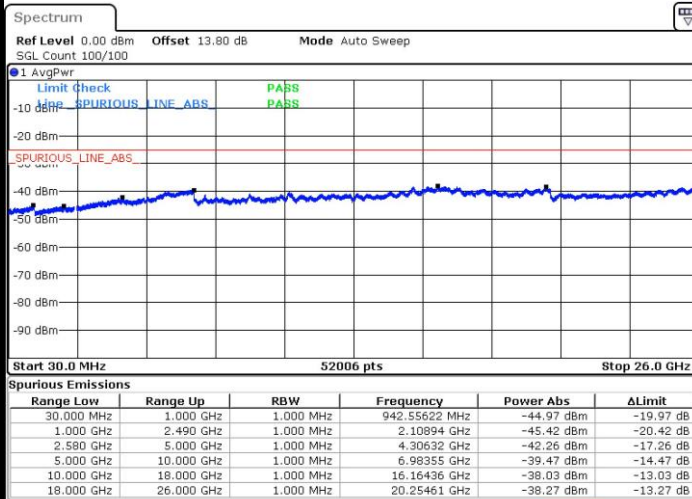
Date: 7.SEP.2018 11:31:17

Middle Channel / 16QAM



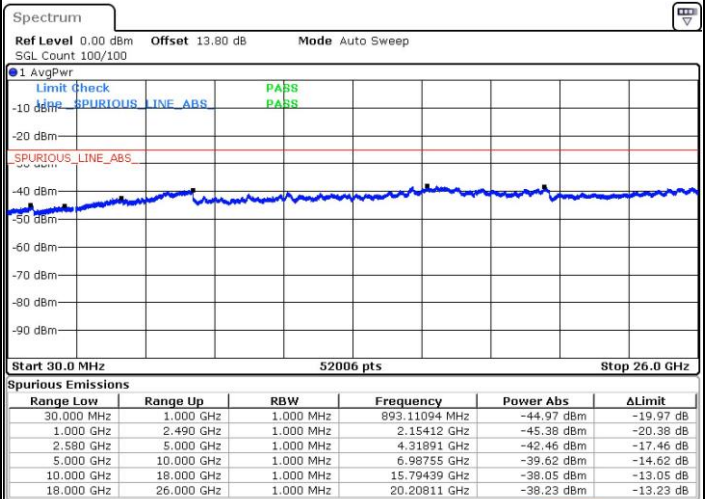
Date: 7.SEP.2018 11:32:06

Highest Channel / QPSK



Date: 7.SEP.2018 11:35:18

Highest Channel / 16QAM

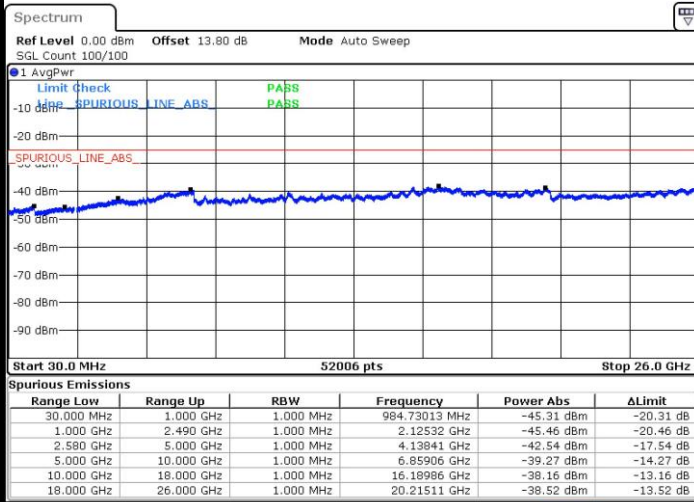


Date: 7.SEP.2018 11:36:07



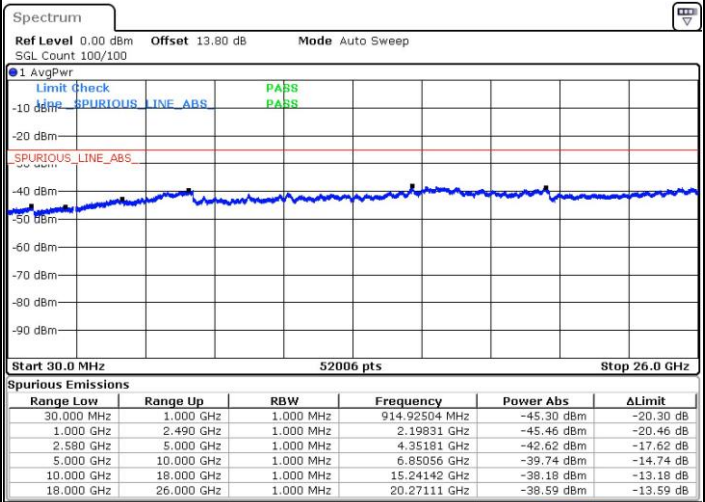
LTE Band 7 / 5MHz

Lowest Channel / 64QAM



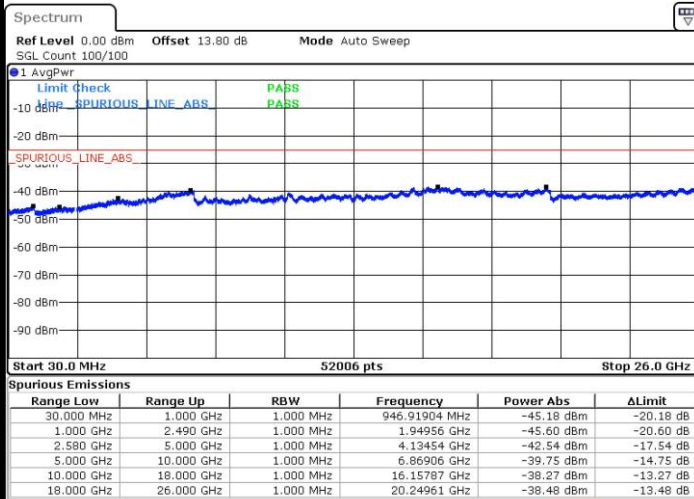
Date: 12 NOV 2018 22:56:19

Middle Channel / 64QAM



Date: 12 NOV 2018 22:57:41

Highest Channel / 64QAM

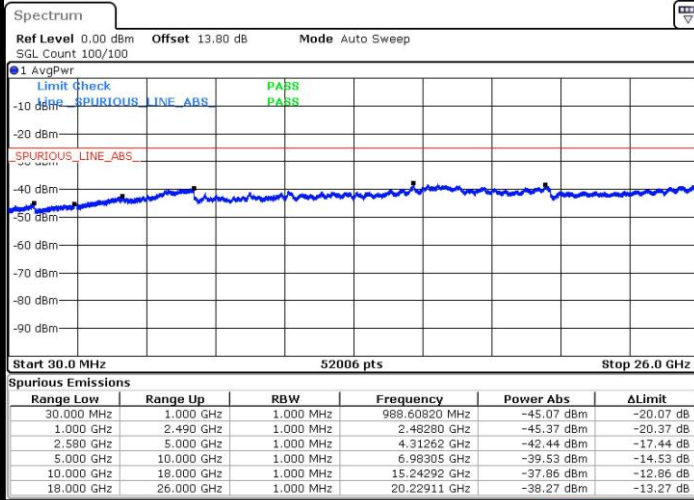


Date: 12 NOV 2018 23:01:00



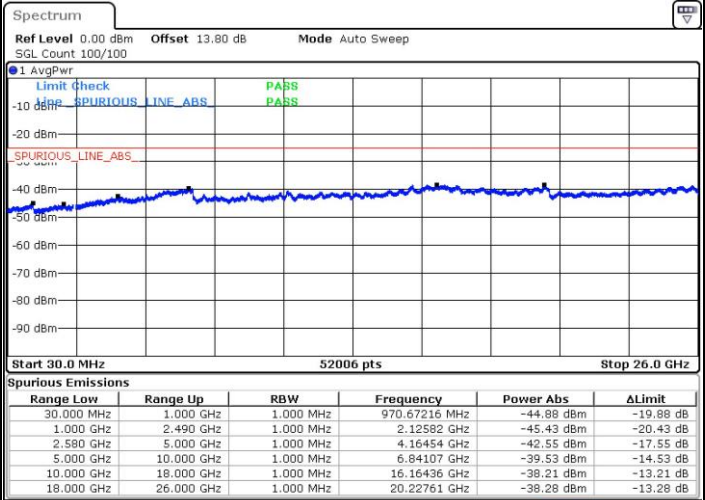
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



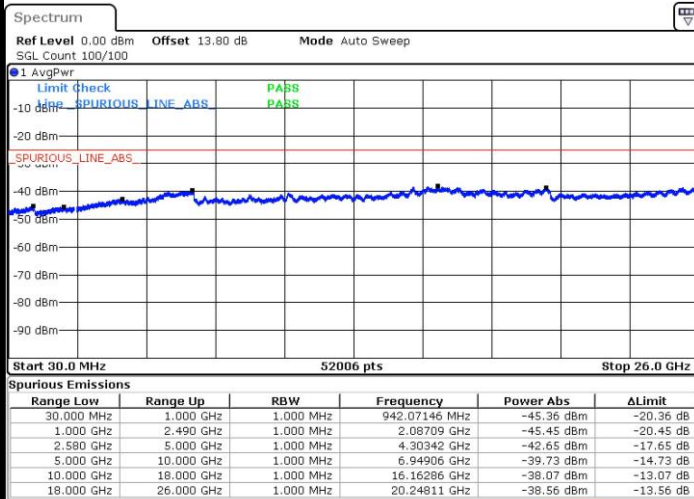
Date: 12 NOV 2018 23:04:19

Middle Channel / 64QAM



Date: 12 NOV 2018 23:05:41

Highest Channel / 64QAM

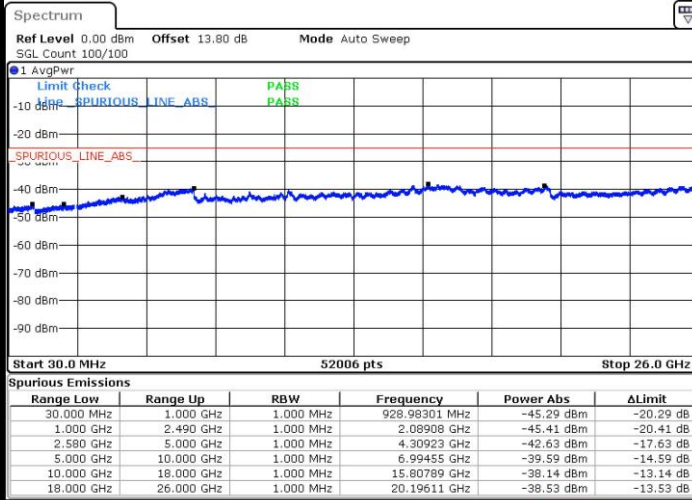


Date: 12 NOV 2018 23:09:00



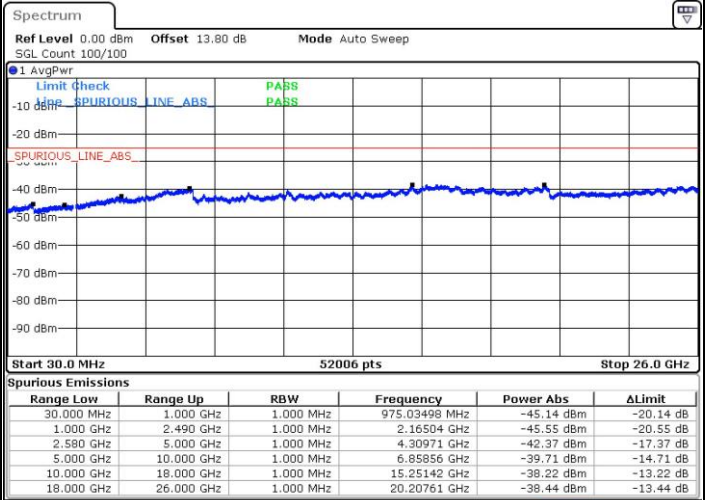
LTE Band 7 / 15MHz

Lowest Channel / 64QAM



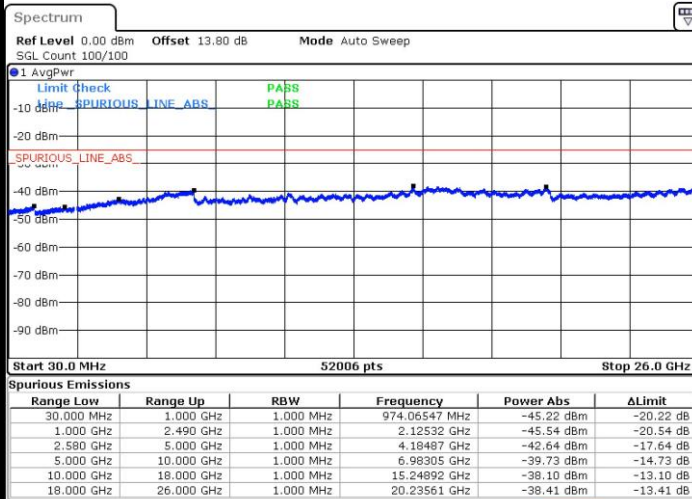
Date: 12 NOV 2018 23:12:20

Middle Channel / 64QAM



Date: 12 NOV 2018 23:13:41

Highest Channel / 64QAM

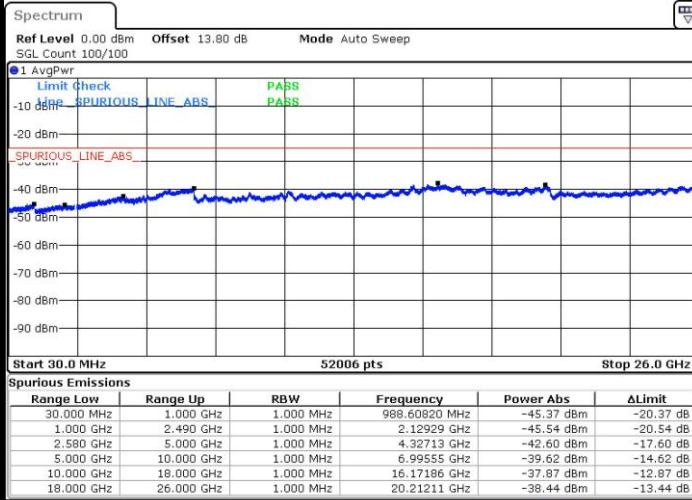


Date: 12 NOV 2018 23:17:00



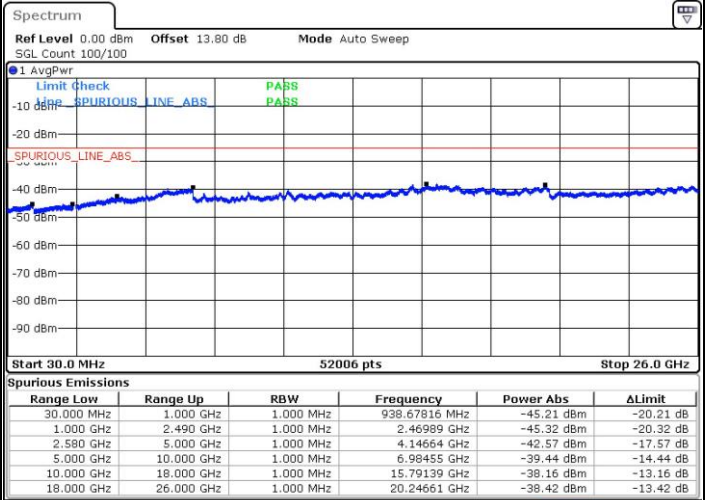
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



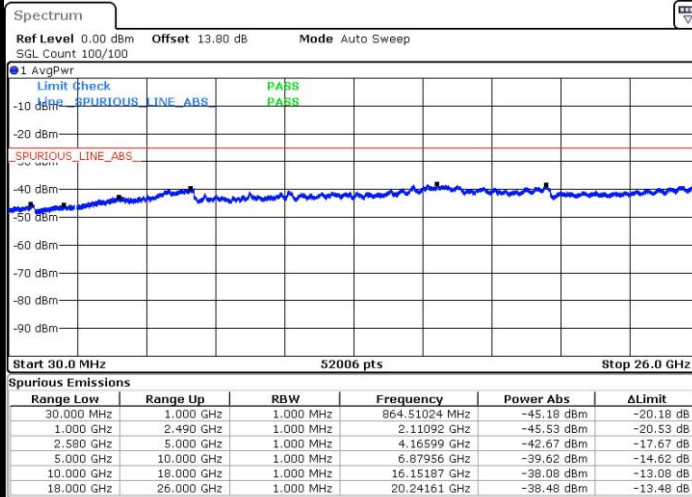
Date: 12 NOV 2018 23:20:20

Middle Channel / 64QAM



Date: 12 NOV 2018 23:21:41

Highest Channel / 64QAM



Date: 12 NOV 2018 23:25:00

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0063	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0056	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0061	
20	Normal Voltage	0.0063	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	21.68	0.1472	20.18	0.1042
Middle		3	1	21.71	0.1483	20.21	0.1050
Highest		3	1	21.42	0.1387	19.92	0.0982
Lowest	16QAM	1	0	20.79	0.1199	19.29	0.0849
Middle		1	0	20.78	0.1197	19.28	0.0847
Highest		1	0	21.05	0.1274	19.55	0.0902
Lowest	64QAM	3	1	19.82	0.0959	18.32	0.0679
Middle		3	1	19.83	0.0962	18.33	0.0681
Highest		3	1	20.12	0.1028	18.62	0.0728
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	21.61	0.1449	20.11	0.1026
Middle		1	8	21.73	0.1489	20.23	0.1054
Highest		1	8	22.11	0.1626	20.61	0.1151
Lowest	16QAM	1	8	20.92	0.1236	19.42	0.0875
Middle		1	8	21.12	0.1294	19.62	0.0916
Highest		1	8	21.47	0.1403	19.97	0.0993
Lowest	64QAM	1	8	19.96	0.0991	18.46	0.0701
Middle		1	8	19.99	0.0998	18.49	0.0706
Highest		1	8	20.45	0.1109	18.95	0.0785
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.64	0.1459	20.14	0.1033
Middle		1	0	21.81	0.1517	20.31	0.1074
Highest		1	0	22.22	0.1667	20.72	0.1180
Lowest	16QAM	1	0	21.00	0.1259	19.50	0.0891
Middle		1	0	21.20	0.1318	19.70	0.0933
Highest		1	0	21.49	0.1409	19.99	0.0998
Lowest	64QAM	1	12	20.08	0.1019	18.58	0.0721
Middle		1	12	20.17	0.1040	18.67	0.0736
Highest		1	12	20.49	0.1119	18.99	0.0793
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.65	0.1462	20.15	0.1035
Middle		1	25	21.83	0.1524	20.33	0.1079
Highest		1	25	22.12	0.1629	20.62	0.1153
Lowest	16QAM	1	25	21.01	0.1262	19.51	0.0893
Middle		1	25	21.16	0.1306	19.66	0.0925
Highest		1	25	21.49	0.1409	19.99	0.0998
Lowest	64QAM	1	25	20.05	0.1012	18.55	0.0716
Middle		1	25	20.06	0.1014	18.56	0.0718
Highest		1	25	20.50	0.1122	19.00	0.0794
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	21.62	0.1452	20.12	0.1028
Middle		1	74	21.81	0.1517	20.31	0.1074
Highest		1	74	22.18	0.1652	20.68	0.1169
Lowest	16QAM	1	37	21.06	0.1276	19.56	0.0904
Middle		1	37	21.17	0.1309	19.67	0.0927
Highest		1	37	21.44	0.1393	19.94	0.0986
Lowest	64QAM	1	37	19.98	0.0995	18.48	0.0705
Middle		1	37	20.11	0.1026	18.61	0.0726
Highest		1	37	20.49	0.1119	18.99	0.0793
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	21.85	0.1531	20.35	0.1084
		1	99	22.03	0.1596	20.53	0.1130
Highest		1	99	22.23	0.1671	20.73	0.1183
Lowest	16QAM	1	99	21.31	0.1352	19.81	0.0957
Middle		1	99	21.38	0.1374	19.88	0.0973
Highest		1	99	21.48	0.1406	19.98	0.0995
Lowest	64QAM	1	99	20.19	0.1045	18.69	0.0740
Middle		1	99	20.31	0.1074	18.81	0.0760
Highest		1	99	20.43	0.1104	18.93	0.0782
Limit	EIRP < 2W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.76	0.2377	18.01	0.0632
Middle		3	1	23.68	0.2333	17.93	0.0621
Highest		3	1	23.59	0.2286	17.84	0.0608
Lowest	16QAM	1	3	23.00	0.1995	17.25	0.0531
Middle		1	3	22.94	0.1968	17.19	0.0524
Highest		1	3	22.62	0.1828	16.87	0.0486
Lowest	64QAM	1	3	21.99	0.1581	16.24	0.0421
Middle		1	3	21.93	0.1560	16.18	0.0415
Highest		1	3	21.61	0.1449	15.86	0.0385
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.67	0.2328	17.92	0.0619
Middle		1	0	23.67	0.2328	17.92	0.0619
Highest		1	0	23.37	0.2173	17.62	0.0578
Lowest	16QAM	1	8	23.02	0.2004	17.27	0.0533
Middle		1	8	22.87	0.1936	17.12	0.0515
Highest		1	8	22.62	0.1828	16.87	0.0486
Lowest	64QAM	1	8	21.98	0.1578	16.23	0.0420
Middle		1	8	21.94	0.1563	16.19	0.0416
Highest		1	8	21.45	0.1396	15.70	0.0372
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.68	0.2333	17.93	0.0621
Middle		1	0	23.67	0.2328	17.92	0.0619
Highest		1	0	23.54	0.2259	17.79	0.0601
Lowest	16QAM	1	0	23.00	0.1995	17.25	0.0531
Middle		1	0	22.96	0.1977	17.21	0.0526
Highest		1	0	22.72	0.1871	16.97	0.0498
Lowest	64QAM	1	0	22.01	0.1589	16.26	0.0423
Middle		1	0	21.96	0.1570	16.21	0.0418
Highest		1	0	21.74	0.1493	15.99	0.0397
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.78	0.2388	18.03	0.0635
Middle		1	0	23.71	0.2350	17.96	0.0625
Highest		1	0	23.61	0.2296	17.86	0.0611
Lowest	16QAM	1	0	23.03	0.2009	17.28	0.0535
Middle		1	0	22.98	0.1986	17.23	0.0528
Highest		1	0	22.87	0.1936	17.12	0.0515
Lowest	64QAM	1	0	22.01	0.1589	16.26	0.0423
Middle		1	0	21.98	0.1578	16.23	0.0420
Highest		1	0	21.85	0.1531	16.10	0.0407
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	23.44	0.2208	21.84	0.1528
Middle		1	24	23.72	0.2355	22.12	0.1629
Highest		1	24	24.09	0.2564	22.49	0.1774
Lowest	16QAM	1	0	22.66	0.1845	21.06	0.1276
Middle		1	0	23.07	0.2028	21.47	0.1403
Highest		1	0	23.35	0.2163	21.75	0.1496
Lowest	64QAM	1	0	21.59	0.1442	19.99	0.0998
Middle		1	0	21.97	0.1574	20.37	0.1089
Highest		1	0	22.32	0.1706	20.72	0.1180
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.47	0.2223	21.87	0.1538
Middle		1	49	23.90	0.2455	22.30	0.1698
Highest		1	49	24.15	0.2600	22.55	0.1799
Lowest	16QAM	1	49	22.81	0.1910	21.21	0.1321
Middle		1	49	23.25	0.2113	21.65	0.1462
Highest		1	49	23.38	0.2178	21.78	0.1507
Lowest	64QAM	1	49	21.80	0.1514	20.20	0.1047
Middle		1	49	22.18	0.1652	20.58	0.1143
Highest		1	49	22.35	0.1718	20.75	0.1189
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.62	0.2301	22.02	0.1592
Middle		1	74	23.97	0.2495	22.37	0.1726
Highest		1	74	24.10	0.2570	22.50	0.1778
Lowest	16QAM	1	74	22.96	0.1977	21.36	0.1368
Middle		1	74	23.33	0.2153	21.73	0.1489
Highest		1	74	23.44	0.2208	21.84	0.1528
Lowest	64QAM	1	74	21.97	0.1574	20.37	0.1089
Middle		1	74	22.23	0.1671	20.63	0.1156
Highest		1	74	22.43	0.1750	20.83	0.1211
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -1.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	23.71	0.2350	22.11	0.1626
Middle		1	99	23.94	0.2477	22.34	0.1714
Highest		1	99	24.19	0.2624	22.59	0.1816
Lowest	16QAM	1	99	23.04	0.2014	21.44	0.1393
Middle		1	99	23.28	0.2128	21.68	0.1472
Highest		1	99	23.45	0.2213	21.85	0.1531
Lowest	64QAM	1	99	22.04	0.1600	20.44	0.1107
Middle		1	99	22.26	0.1683	20.66	0.1164
Highest		1	99	22.44	0.1754	20.84	0.1213
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****LTE Band 2**

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-56.96	-13	-43.96	-77.95	-63.53	1.67	8.24	H
	7404	-49.47	-13	-36.47	-76.65	-58.62	2.46	11.61	H
	9252	-35.70	-13	-22.70	-66.28	-45.76	2.54	12.60	H
	11110	-43.39	-13	-30.39	-77.88	-53.16	2.69	12.46	H
	12958	-39.34	-13	-26.34	-76.47	-49.37	2.92	12.95	H
									H
	3702	-55.18	-13	-42.18	-76.14	-61.75	1.67	8.24	V
	7404	-47.56	-13	-34.56	-74.95	-56.71	2.46	11.61	V
	9252	-35.58	-13	-22.58	-66.58	-45.64	2.54	12.60	V
	11110	-42.39	-13	-29.39	-76.72	-52.16	2.69	12.46	V
	12958	-41.67	-13	-28.67	-78.37	-51.7	2.92	12.95	V
									V
Middle	3744	-55.75	-13	-42.75	-76.68	-62.36	1.68	8.29	H
	5616	-50.61	-13	-37.61	-76.07	-57.66	2.69	9.75	H
	7482	-51.05	-13	-38.05	-78.26	-60.38	2.44	11.76	H
	9357	-36.38	-13	-23.38	-67.28	-46.38	2.56	12.56	H
	11226	-39.04	-13	-26.04	-73.7	-48.76	2.69	12.41	H
	13095	-40.25	-13	-27.25	-77.74	-50.43	2.95	13.13	H
									H
	3744	-55.50	-13	-42.50	-76.44	-62.11	1.68	8.29	V
	5616	-47.87	-13	-34.87	-73.32	-54.92	2.69	9.75	V
	7482	-50.77	-13	-37.77	-78.21	-60.1	2.44	11.76	V
	9357	-36.10	-13	-23.10	-67.4	-46.1	2.56	12.56	V
	11226	-38.53	-13	-25.53	-73.07	-48.25	2.69	12.41	V
	13095	-40.16	-13	-27.16	-77.31	-50.34	2.95	13.13	V
									V



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3780	-57.57	-13	-44.57	-78.47	-64.21	1.69	8.34	H
	5676	-51.70	-13	-38.70	-77.28	-58.74	2.73	9.77	H
	7566	-47.43	-13	-34.43	-74.84	-56.86	2.41	11.84	H
	9451	-40.68	-13	-27.68	-71.76	-50.62	2.58	12.52	H
	11352	-41.00	-13	-28.00	-75.83	-50.68	2.68	12.36	H
	13242	-32.67	-13	-19.67	-70.35	-43.02	2.99	13.34	H
									H
	3780	-56.28	-13	-43.28	-77.21	-62.92	1.69	8.34	V
	5676	-51.45	-13	-38.45	-77.02	-58.49	2.73	9.77	V
	7566	-46.41	-13	-33.41	-74.08	-55.84	2.41	11.84	V
	9451	-38.95	-13	-25.95	-70.43	-48.89	2.58	12.52	V
	11352	-40.99	-13	-27.99	-75.76	-50.67	2.68	12.36	V
	13242	-35.65	-13	-22.65	-73.19	-46	2.99	13.34	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 5**

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.16	-13	-50.16	-75.24	-64.92	0.98	4.89	H
	2472	-58.88	-13	-45.88	-76.18	-60.76	1.28	5.32	H
	3296	-57.77	-13	-44.77	-77.06	-61.18	1.54	7.10	H
									H
									H
									H
									H
	1648	-62.67	-13	-49.67	-75.17	-64.43	0.98	4.89	V
	2472	-58.27	-13	-45.27	-75.98	-60.15	1.28	5.32	V
	3296	-57.54	-13	-44.54	-77.2	-60.95	1.54	7.10	V
									V
									V
									V
									V
Middle	1663	-63.12	-13	-50.12	-75.34	-64.83	0.98	4.84	H
	2496	-57.66	-13	-44.66	-75	-59.61	1.29	5.39	H
	3326	-58.14	-13	-45.14	-77.62	-61.67	1.55	7.23	H
									H
									H
									H
									H
	1663	-62.53	-13	-49.53	-75.21	-64.24	0.98	4.84	V
	2496	-58.73	-13	-45.73	-76.55	-60.68	1.29	5.39	V
	3326	-57.56	-13	-44.56	-77.35	-61.09	1.55	7.23	V
									V
									V
									V
									V



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1678	-62.76	-13	-49.76	-75.15	-64.42	0.99	4.80	H
	2517	-58.94	-13	-45.94	-76.29	-60.91	1.30	5.41	H
	3356	-58.03	-13	-45.03	-77.81	-61.69	1.56	7.37	H
									H
									H
									H
									H
	1678	-62.82	-13	-49.82	-75.66	-64.48	0.99	4.80	V
	2517	-58.97	-13	-45.97	-76.81	-60.94	1.30	5.41	V
	3356	-58.12	-13	-45.12	-78	-61.78	1.56	7.37	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 7**

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-51.69	-25	-26.69	-75.63	-59.05	2.34	9.70	H
	7506	-43.33	-25	-18.33	-70.6	-52.71	2.43	11.80	H
	10008	-44.19	-25	-19.19	-75.86	-53.7	2.70	12.20	H
									H
									H
									H
									H
	5004	-52.78	-25	-27.78	-76.53	-60.14	2.34	9.70	V
	7506	-44.54	-25	-19.54	-72.05	-53.92	2.43	11.80	V
	10008	-44.68	-25	-19.68	-76.28	-54.19	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-47.52	-25	-22.52	-71.55	-54.85	2.37	9.70	H
	7578	-40.75	-25	-15.75	-68.21	-50.19	2.40	11.85	H
	10098	-42.05	-25	-17.05	-73.95	-51.59	2.70	12.24	H
									H
									H
									H
									H
	5052	-50.09	-25	-25.09	-73.94	-57.42	2.37	9.70	V
	7578	-43.76	-25	-18.76	-71.47	-53.2	2.40	11.85	V
	10098	-42.05	-25	-17.05	-73.87	-51.59	2.70	12.24	V
									V
									V
									V
									V

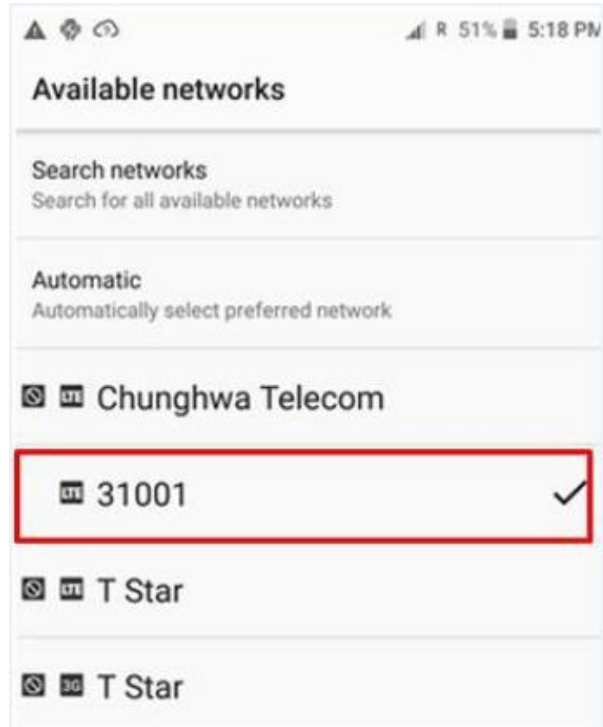
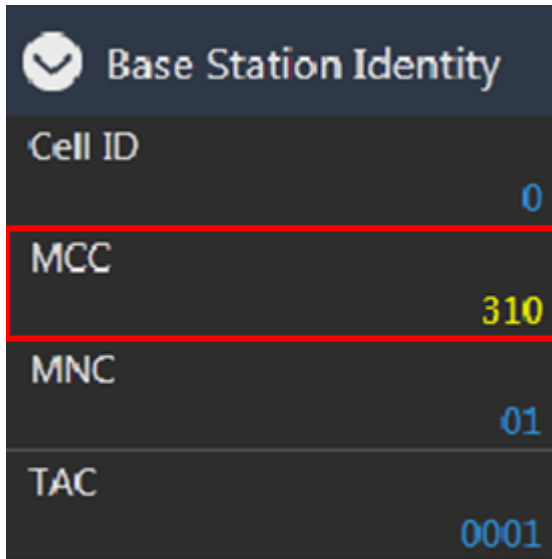


LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	5100	-47.21	-25	-22.21	-71.38	-54.52	2.39	9.70	H
	7656	-36.57	-25	-11.57	-64.25	-46.08	2.38	11.89	H
	10206	-43.36	-25	-18.36	-75.54	-52.95	2.70	12.28	H
									H
									H
									H
									H
	5100	-47.27	-25	-22.27	-71.26	-54.58	2.39	9.70	V
	7656	-35.75	-25	-10.75	-63.7	-45.26	2.38	11.89	V
	10206	-43.11	-25	-18.11	-66.57	-52.7	2.70	12.28	V
									V
									V
									V
									V

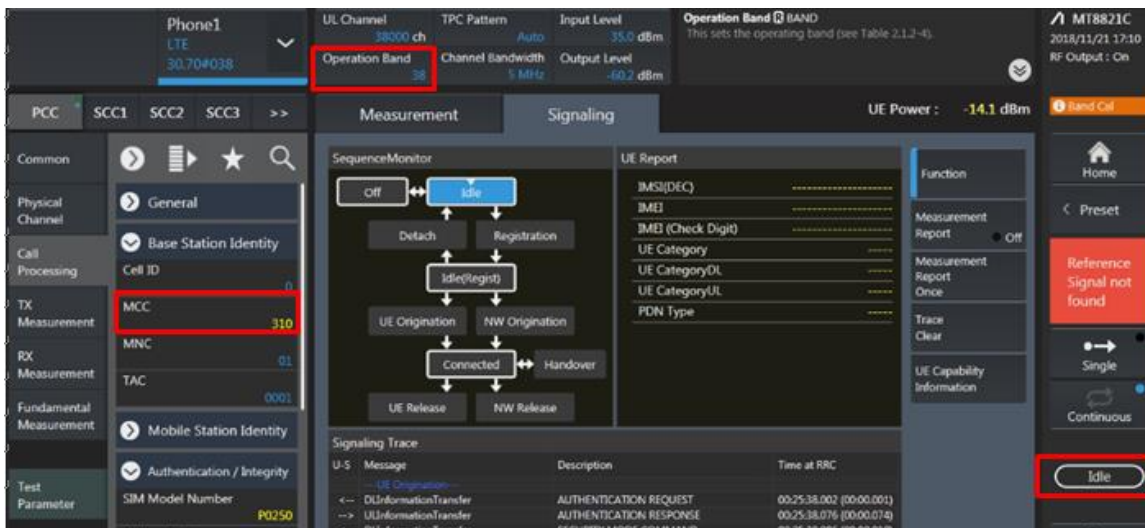
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

1. Base station configures US MCC, and sets B38

- Base station set US MCC & Sample registration information



2. UE cannot register B38





Verification and validation of Mobile Country Code

3. Base station configures US MCC, and sets other bands, UE can register, and call box show UE capability does not have B38

LTE

Access Stratum Release: Rel12

UE Category: 4,6,9,11

UE Category DL: 11

UE Category UL: 5

Supported Band: 1,2,3,5,7,8,20,28,32

Band Combinations

DL CA Config	UL CA Config
3A	3A
1A	1A
7A	7A
28A	28A
8A	8A
2A	2A

4. Base station configures non-US MCC

Base Station Identity

Cell ID 0

MCC 206

MNC 000

TAC 0001



Verification and validation of Mobile Country Code

5. UE registration on, and call box show UE capability does have B38

The screenshot displays the SPORTON LAB. software interface. The top bar shows 'Phone1 LTE 30.70#038'. The 'Measurement' tab is active, showing 'UL Channel 20525 ch', 'TPC Pattern All +3dB', 'Input Level 35.0 dBm', 'Operation Band 5', 'Channel Bandwidth 10 MHz', 'Output Level -57.2 dBm', 'MCC [1x1] MCC', and 'UE Power: 11.1 dBm'. A 'UE Capability Information Viewer' dialog box is open, showing the following details:

- Access Stratum Release: Rel12
- UE Category: 4,7,10,12
- UE Category DL: 12
- UE Category UL: 13
- Supported Band: 1,2,3,5,7,8,20,28,32,38

The 'Band Combinations' table is also visible:

DL CA Config	UL CA Config
5A	5A
7A	7A
3A	3A
1A	1A
28A	28A
2A	2A

The screenshot shows the 'LTE' tab in the SPORTON LAB. software interface. The 'Access Stratum Release' is 'Rel12'. The 'UE Category' is '4,7,10,12'. The 'UE Category DL' is '12'. The 'UE Category UL' is '13'. The 'Supported Band' is '1,2,3,5,7,8,20,28,32,38', which is highlighted with a red box. The 'Band Combinations' table is also visible:

DL CA Config	UL CA Config
5A	5A
7A	7A
3A	3A
1A	1A
28A	28A
2A	2A