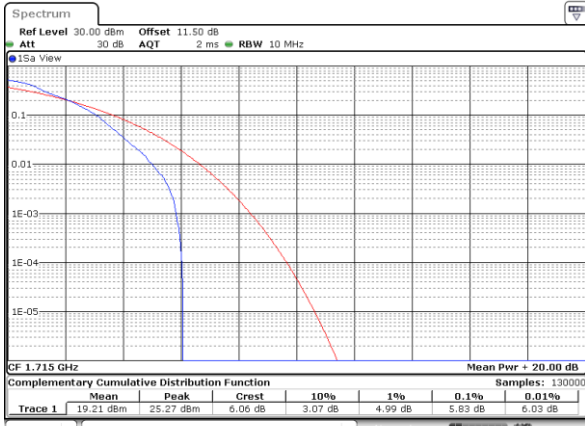




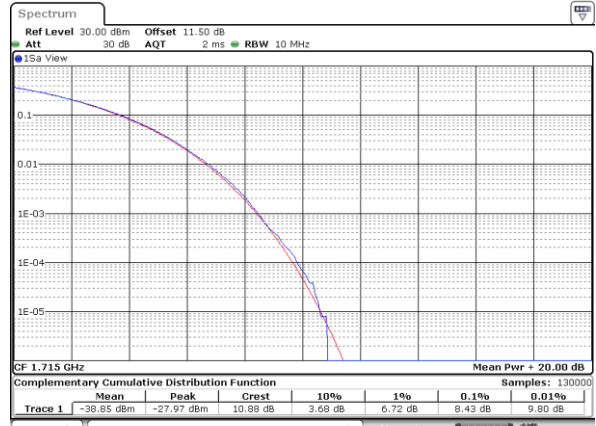
LTE Band 66 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 18_JUL_2020 16:53:49

Lowest Channel / Full RB



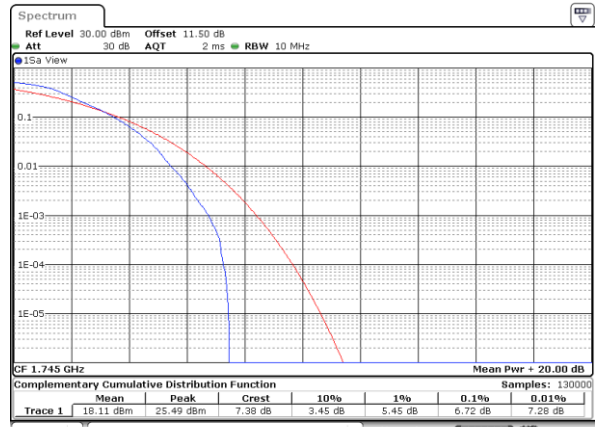
Date: 18_JUL_2020 16:53:12

Middle Channel / 1RB



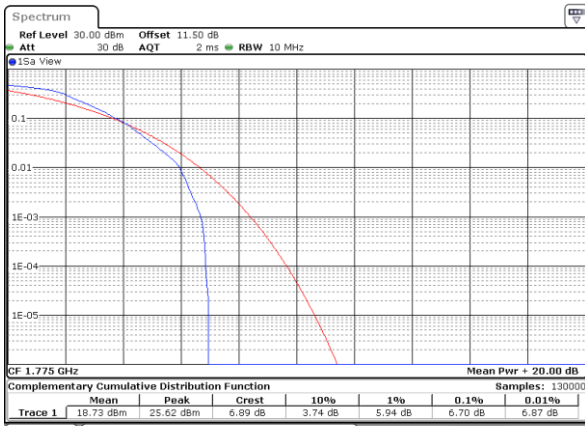
Date: 18_JUL_2020 16:51:48

Middle Channel / Full RB



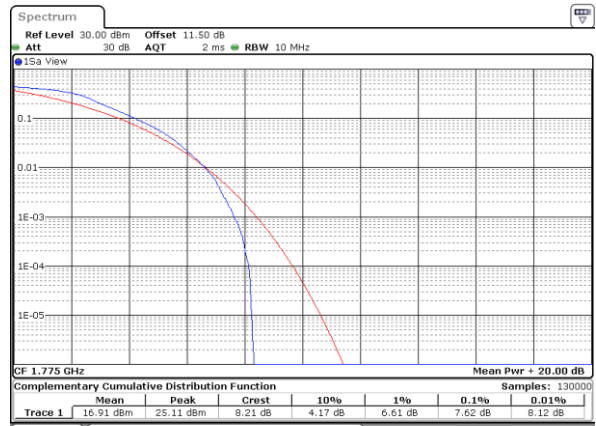
Date: 18_JUL_2020 16:52:12

Highest Channel / 1RB



Date: 18_JUL_2020 16:57:36

Highest Channel / Full RB

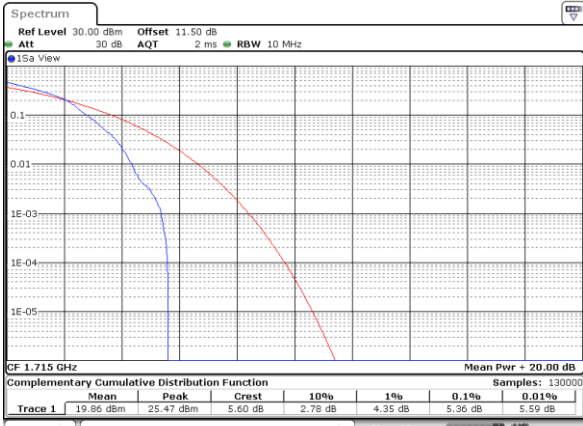


Date: 18_JUL_2020 16:57:01



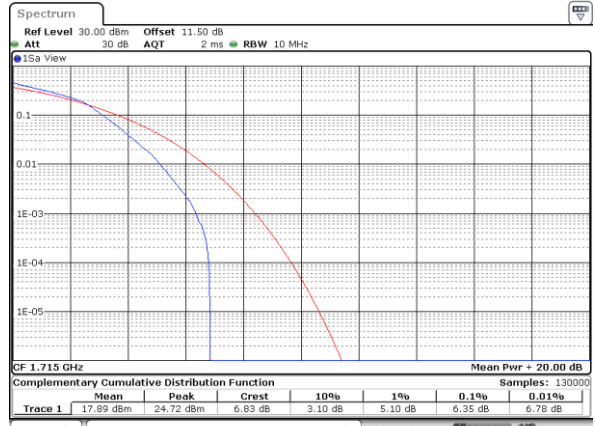
LTE Band 66 / 10MHz / 16QAM

Lowest Channel / 1RB



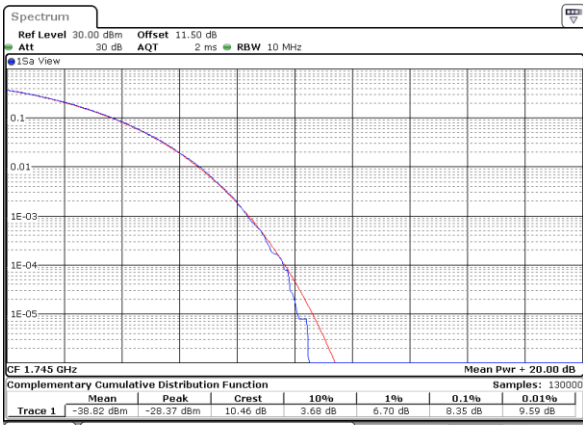
Date: 18_JUL_2020 16:55:08

Lowest Channel / Full RB



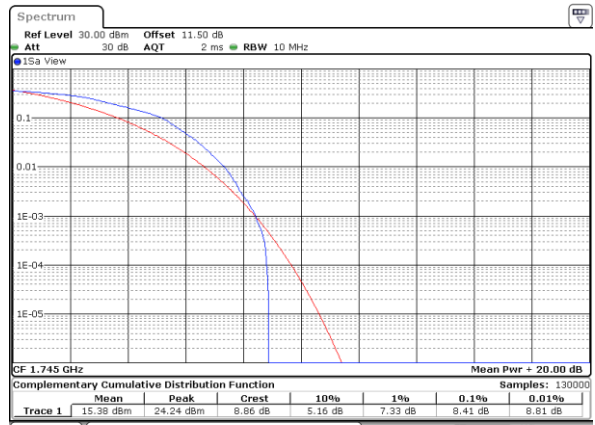
Date: 21_JUL_2020 16:33:23

Middle Channel / 1RB



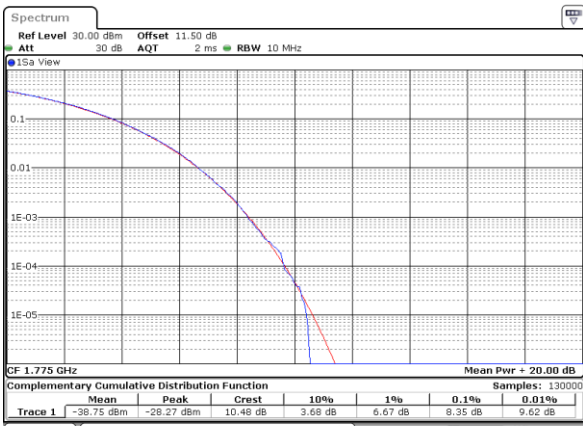
Date: 18_JUL_2020 16:51:27

Middle Channel / Full RB



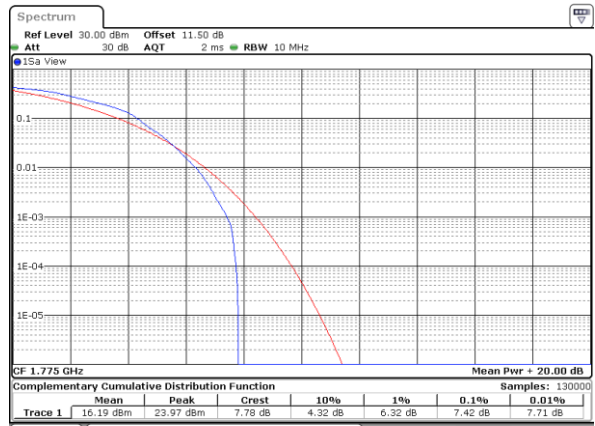
Date: 21_JUL_2020 16:32:32

Highest Channel / 1RB



Date: 18_JUL_2020 16:59:13

Highest Channel / Full RB



Date: 21_JUL_2020 16:34:47



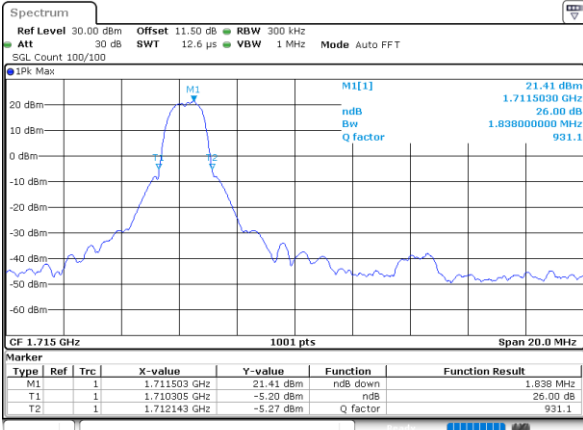
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	1.84	1.66	-	-	-	-
Middle CH	-	-	-	-	-	-	1.82	1.84	-	-	-	-
Highest CH	-	-	-	-	-	-	1.84	1.94	-	-	-	-



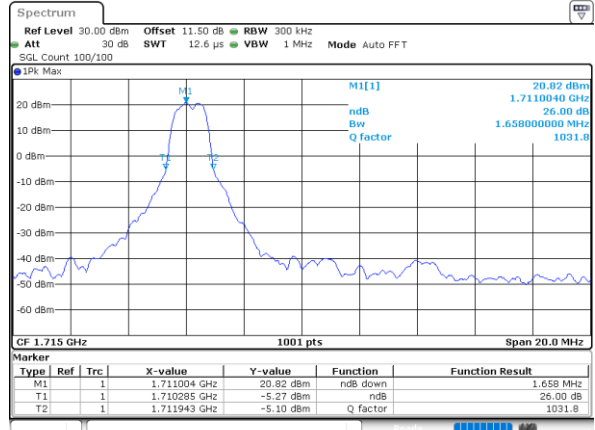
LTE Band 66

Lowest Channel / 10MHz / QPSK



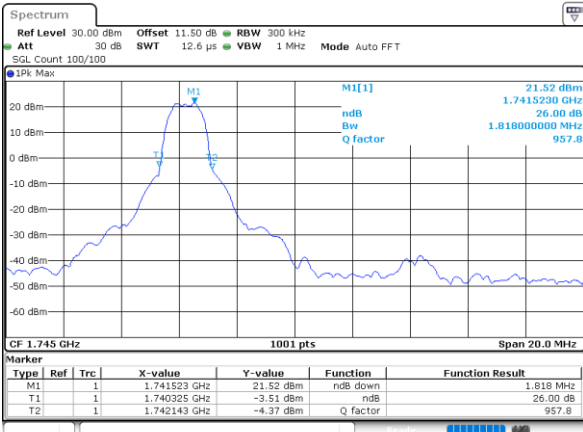
Date: 18_JUL_2020 16:52:57

Lowest Channel / 10MHz / 16QAM



Date: 21_JUL_2020 16:53:02

Middle Channel / 10MHz / QPSK



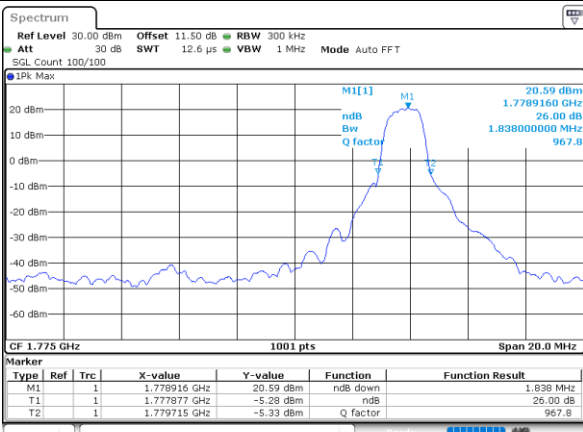
Date: 18_JUL_2020 16:49:13

Middle Channel / 10MHz / 16QAM



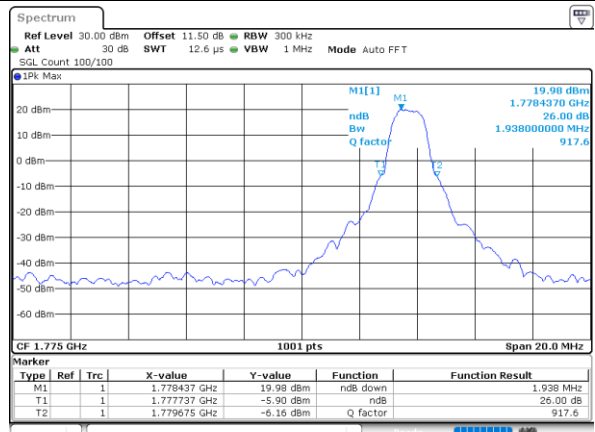
Date: 21_JUL_2020 16:52:25

Highest Channel / 10MHz / QPSK



Date: 18_JUL_2020 16:56:53

Highest Channel / 10MHz / 16QAM



Date: 21_JUL_2020 16:54:41



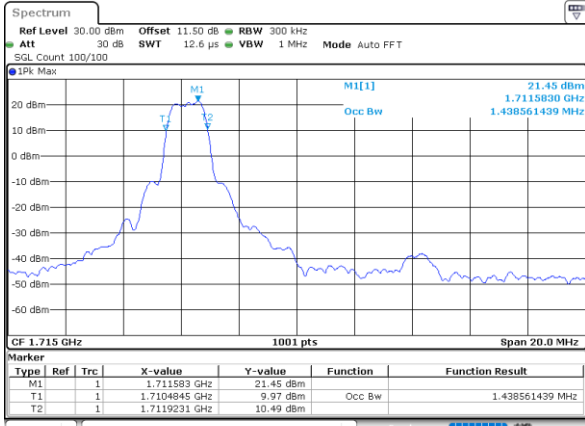
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	1.44	1.28	-	-	-	-
Middle CH	-	-	-	-	-	-	1.44	1.32	-	-	-	-
Highest CH	-	-	-	-	-	-	1.46	1.28	-	-	-	-



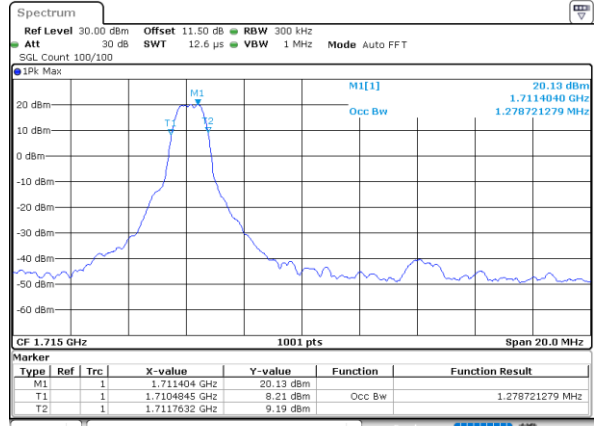
LTE Band 66

Lowest Channel / 10MHz / QPSK



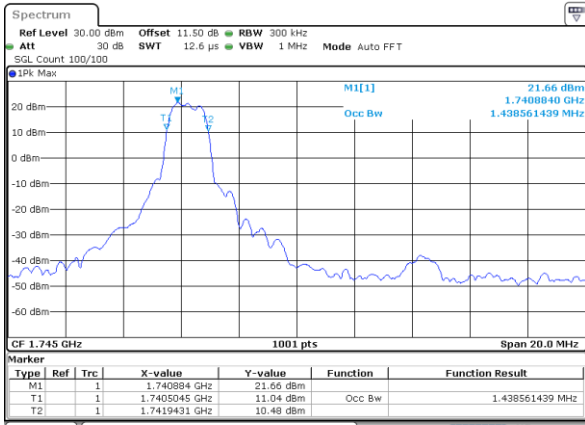
Date: 18_JUL_2020 16:52:51

Lowest Channel / 10MHz / 16QAM



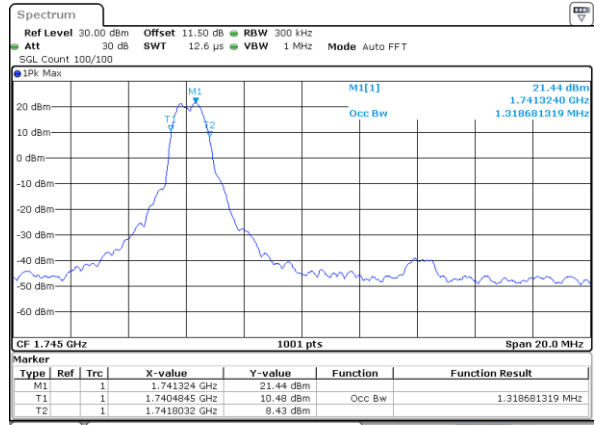
Date: 21_JUL_2020 16:32:54

Middle Channel / 10MHz / QPSK



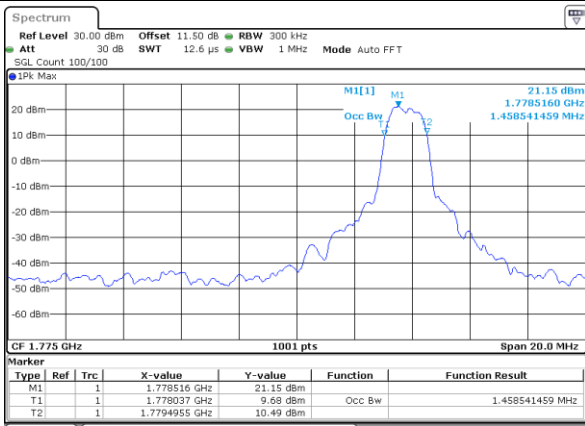
Date: 18_JUL_2020 16:49:07

Middle Channel / 10MHz / 16QAM



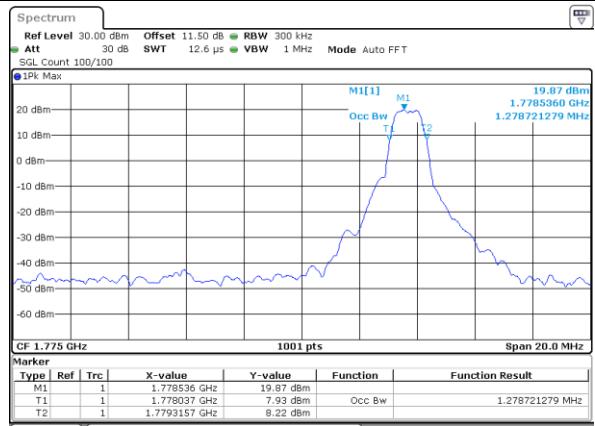
Date: 21_JUL_2020 16:32:19

Highest Channel / 10MHz / QPSK



Date: 18_JUL_2020 16:56:47

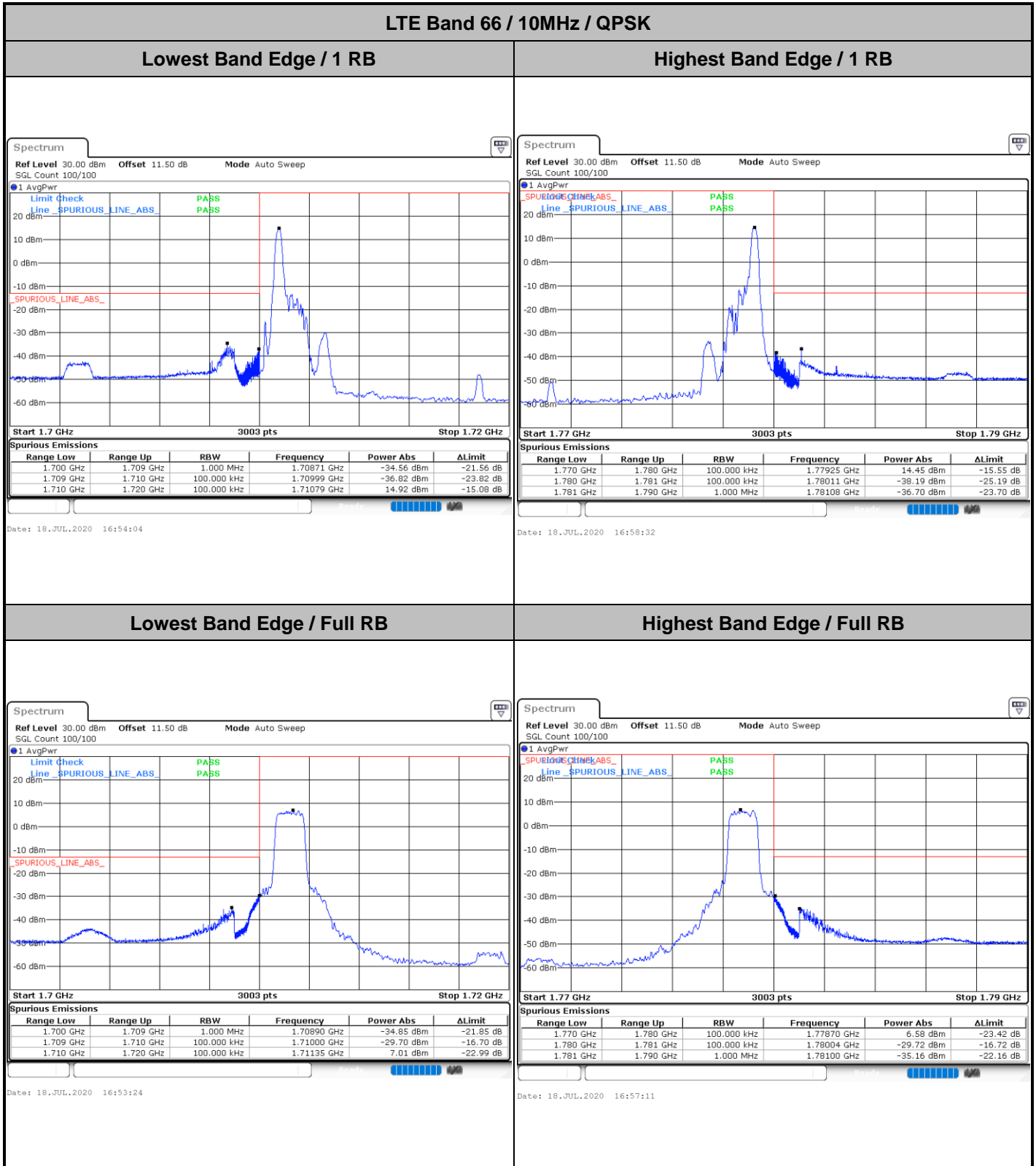
Highest Channel / 10MHz / 16QAM



Date: 21_JUL_2020 16:34:34



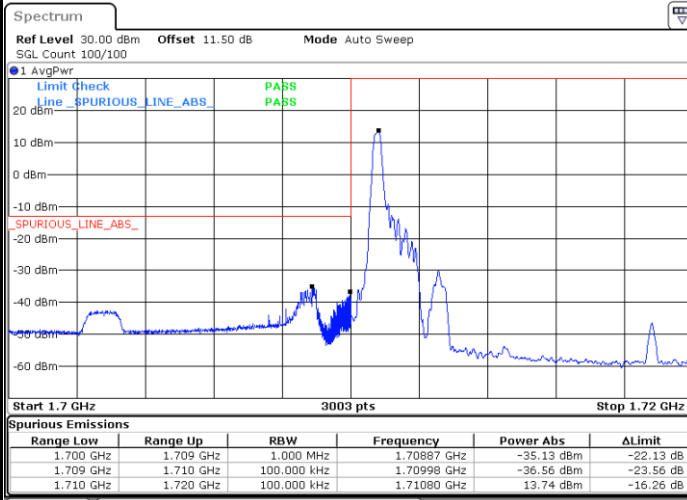
Conducted Band Edge





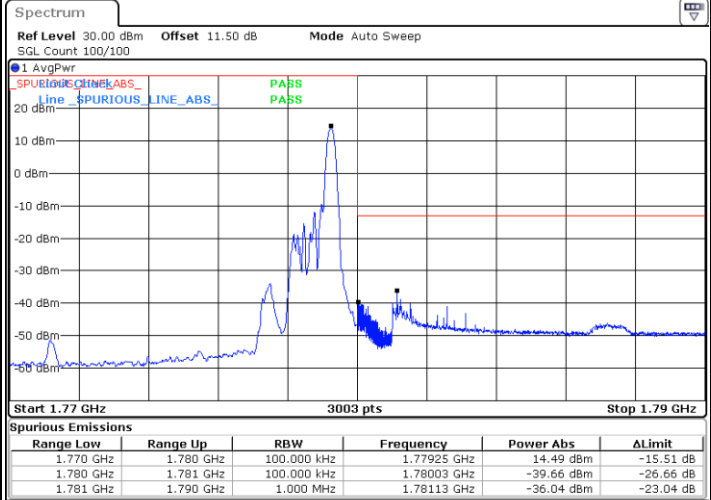
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



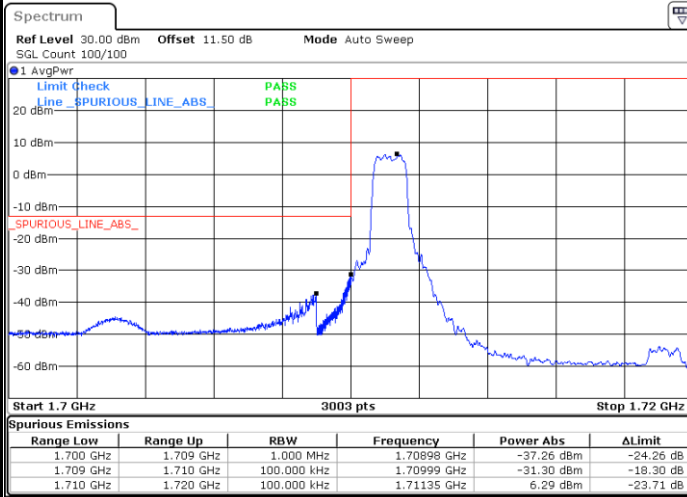
Date: 18.JUL.2020 16:55:19

Highest Band Edge / 1 RB



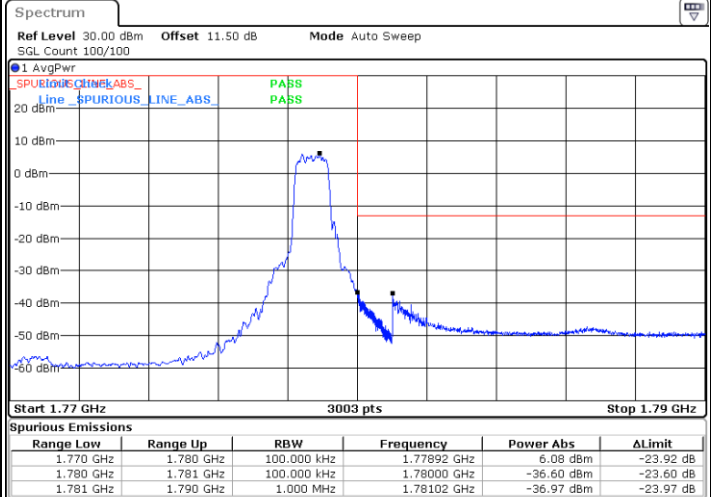
Date: 18.JUL.2020 16:58:56

Lowest Band Edge / Full RB



Date: 21.JUL.2020 16:34:11

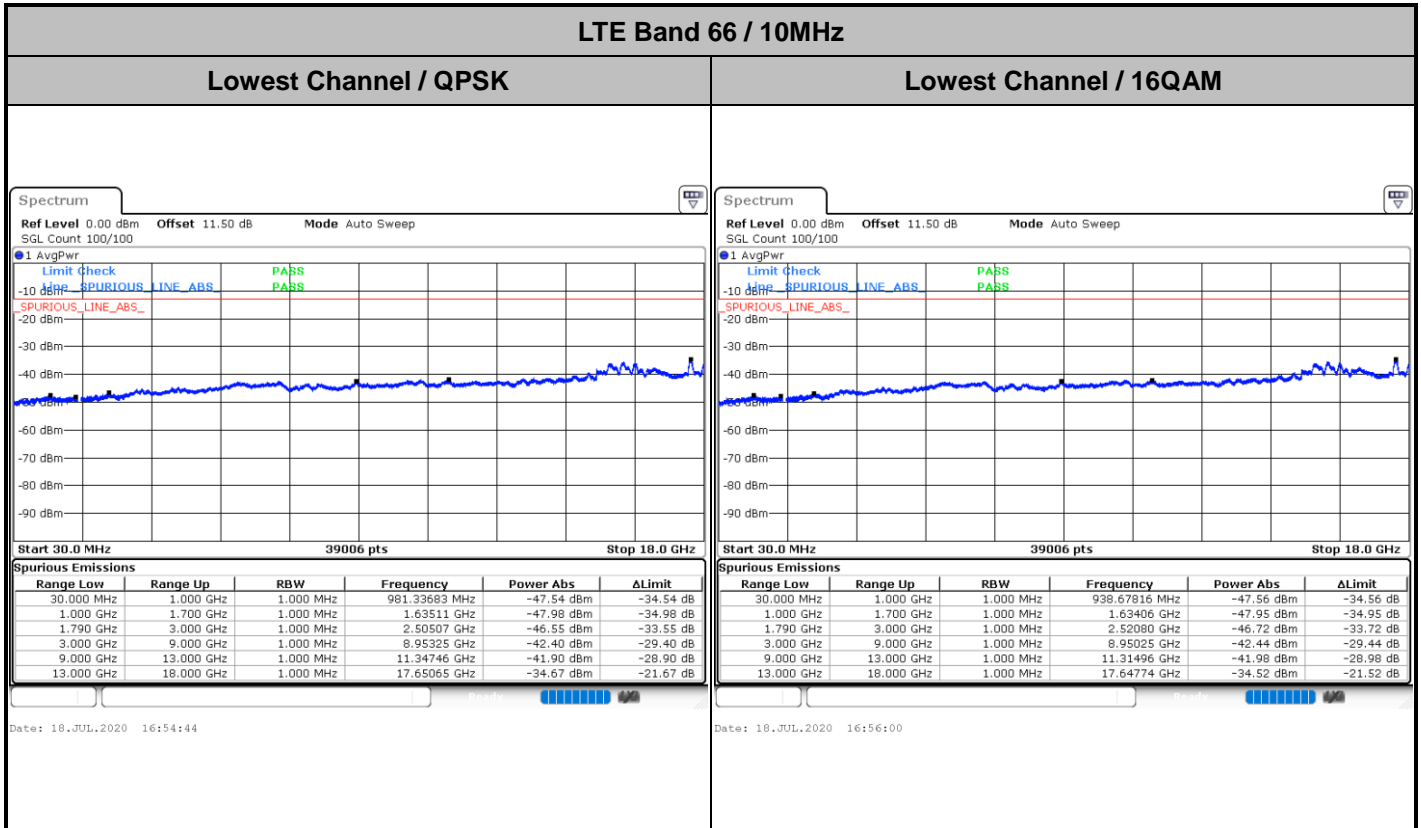
Highest Band Edge / Full RB



Date: 21.JUL.2020 16:35:01



Conducted Spurious Emission

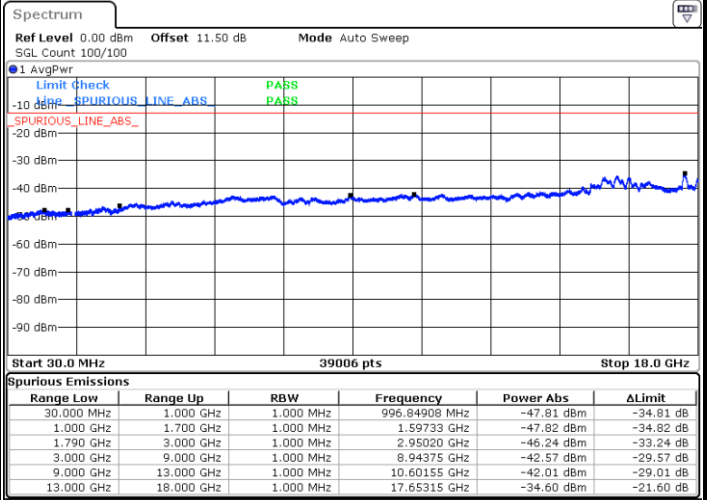
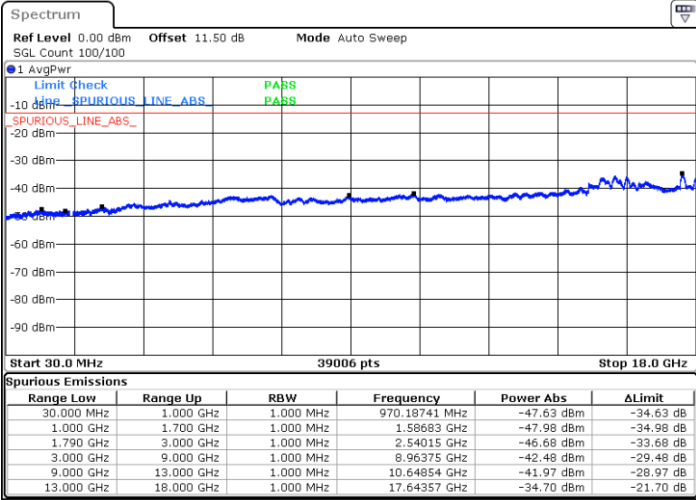




LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

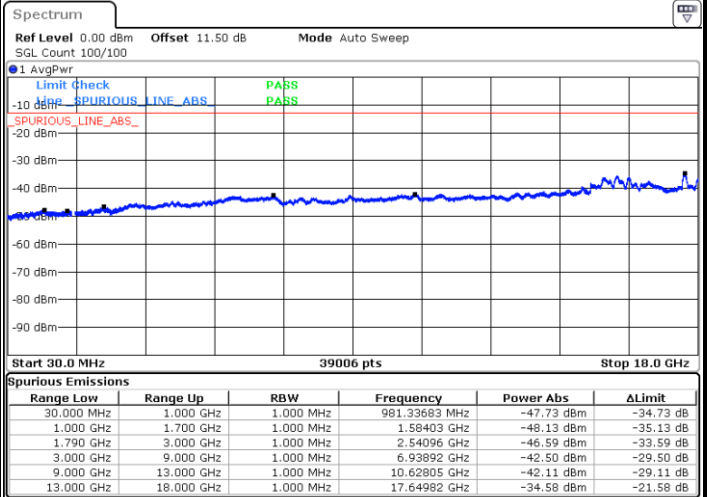
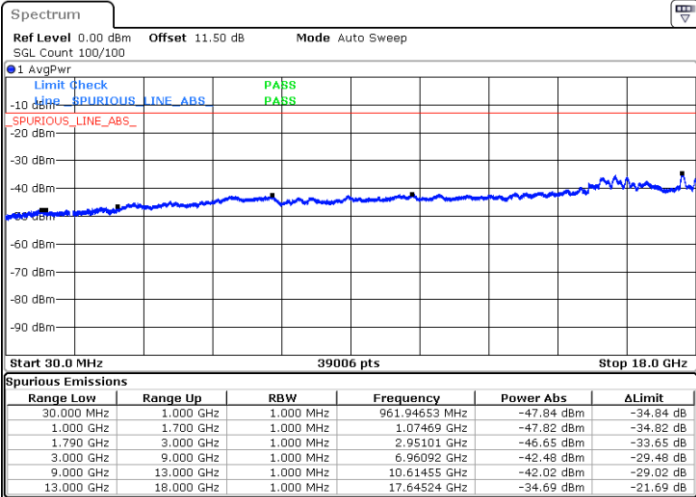


Date: 18.JUL.2020 16:49:55

Date: 18.JUL.2020 16:50:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.JUL.2020 16:58:14

Date: 18.JUL.2020 16:59:49



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

- 1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =3.7 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

LTE Cat. M1 Band 2 / 1.4MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.96	0.1570	25.02	0.3177
Middle		1	0	21.93	0.1560	24.99	0.3155
Highest		1	0	21.81	0.1517	24.87	0.3069
Lowest	16QAM	3	0	21.97	0.1574	25.03	0.3184
Middle		3	0	21.90	0.1549	24.96	0.3133
Highest		3	0	21.77	0.1503	24.83	0.3041
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 2 / 3MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.99	0.1581	25.05	0.3199
Middle		1	5	21.85	0.1531	24.91	0.3097
Highest		1	5	21.78	0.1507	24.84	0.3048
Lowest	16QAM	3	0	21.99	0.1581	25.05	0.3199
Middle		3	0	21.90	0.1549	24.96	0.3133
Highest		3	0	21.77	0.1503	24.83	0.3041
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 2 / 5MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.01	0.1589	25.07	0.3214
Middle		1	0	21.83	0.1524	24.89	0.3083
Highest		1	0	21.78	0.1507	24.84	0.3048
Lowest	16QAM	1	0	22.00	0.1585	23.80	0.2399
Middle		1	0	21.84	0.1528	23.79	0.2393
Highest		1	0	21.79	0.1510	23.67	0.2328
Limit	EIRP < 2W			Result		PASS	



LTE Cat. M1 Band 2 / 10MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.04	0.1600	25.10	0.3236
Middle		3	0	21.90	0.1549	24.96	0.3133
Highest		3	0	21.78	0.1507	24.84	0.3048
Lowest	16QAM	1	0	22.01	0.1589	25.03	0.3184
Middle		1	0	21.90	0.1549	24.96	0.3133
Highest		1	0	21.79	0.1510	24.84	0.3048
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 2 / 15MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.02	0.1592	25.08	0.3221
Middle		3	0	21.95	0.1567	25.01	0.3170
Highest		3	0	21.77	0.1503	24.83	0.3041
Lowest	16QAM	6	0	22.04	0.1600	25.10	0.3236
Middle		6	0	21.92	0.1556	24.98	0.3148
Highest		6	0	21.87	0.1538	24.93	0.3112
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 2 / 20MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.02	0.1592	25.08	0.3221
Middle		3	0	21.95	0.1567	25.01	0.3170
Highest		3	0	21.77	0.1503	24.83	0.3041
Lowest	16QAM	6	0	22.08	0.1614	25.14	0.3266
Middle		6	0	21.98	0.1578	25.04	0.3192
Highest		6	0	21.90	0.1549	24.96	0.3133
Limit	EIRP < 2W			Result		PASS	



LTE Cat. M1 Band 25 / 1.4MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	21.59	0.1442	24.65	0.2917
Middle		6	0	21.60	0.1445	24.66	0.2924
Highest		6	0	21.66	0.1466	24.72	0.2965
Lowest	16QAM	3	3	21.58	0.1439	24.64	0.2911
Middle		3	3	21.65	0.1462	24.71	0.2958
Highest		3	3	21.67	0.1469	24.73	0.2972
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 25 / 3MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.53	0.1422	24.59	0.2877
Middle		1	5	21.62	0.1452	24.68	0.2938
Highest		1	5	21.57	0.1435	24.63	0.2904
Lowest	16QAM	3	0	21.53	0.1422	24.59	0.2877
Middle		3	0	21.65	0.1462	24.71	0.2958
Highest		3	0	21.67	0.1469	24.73	0.2972
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 25 / 5MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.62	0.1452	24.68	0.2938
Middle		1	5	21.55	0.1429	24.61	0.2891
Highest		1	5	21.65	0.1462	24.71	0.2958
Lowest	16QAM	6	0	21.55	0.1429	24.61	0.2891
Middle		6	0	21.57	0.1435	24.63	0.2904
Highest		6	0	21.62	0.1452	24.68	0.2938
Limit	EIRP < 2W			Result		PASS	



LTE Cat. M1 Band 25 / 10MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	21.53	0.1422	24.59	0.2877
Middle		3	0	21.65	0.1462	24.71	0.2958
Highest		3	0	21.63	0.1455	24.69	0.2944
Lowest	16QAM	3	3	21.54	0.1426	24.60	0.2884
Middle		3	3	21.58	0.1439	24.64	0.2911
Highest		3	3	21.67	0.1469	24.73	0.2972
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 25 / 15MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	21.58	0.1439	24.64	0.2911
Middle		6	0	21.60	0.1445	24.66	0.2924
Highest		6	0	21.66	0.1466	24.72	0.2965
Lowest	16QAM	6	0	21.63	0.1455	24.69	0.2944
Middle		6	0	21.58	0.1439	24.64	0.2911
Highest		6	0	21.61	0.1449	24.67	0.2931
Limit	EIRP < 2W			Result		PASS	

LTE Cat. M1 Band 25 / 20MHz (Average) (GT - LC = 3.06 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.63	0.1455	24.69	0.2944
Middle		1	0	21.65	0.1462	24.71	0.2958
Highest		1	0	21.67	0.1469	24.73	0.2972
Lowest	16QAM	3	3	21.61	0.1449	24.67	0.2931
Middle		3	3	21.63	0.1455	24.69	0.2944
Highest		3	3	21.66	0.1466	24.72	0.2965
Limit	EIRP < 2W			Result		PASS	



LTE Cat. M1 Band 4 / 1.4MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.68	0.1472	23.92	0.2466
Middle		1	5	21.94	0.1563	24.18	0.2618
Highest		1	5	21.89	0.1545	24.13	0.2588
Lowest	16QAM	6	0	21.64	0.1459	23.88	0.2443
Middle		6	0	21.91	0.1552	24.15	0.2600
Highest		6	0	21.92	0.1556	24.16	0.2606
Limit	EIRP < 1W			Result		PASS	

LTE Cat. M1 Band 4 / 3MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.69	0.1476	23.93	0.2472
Middle		1	5	21.92	0.1556	24.16	0.2606
Highest		1	5	21.91	0.1552	24.15	0.2600
Lowest	16QAM	3	0	21.70	0.1479	23.94	0.2477
Middle		3	0	21.89	0.1545	24.13	0.2588
Highest		3	0	21.94	0.1563	24.18	0.2618
Limit	EIRP < 1W			Result		PASS	

LTE Cat. M1 Band 4 / 5MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	21.60	0.1445	23.84	0.2421
Middle		1	5	21.85	0.1531	24.09	0.2564
Highest		1	5	21.95	0.1567	24.19	0.2624
Lowest	16QAM	1	0	21.68	0.1472	23.92	0.2466
Middle		1	0	21.94	0.1563	24.18	0.2618
Highest		1	0	21.93	0.1560	24.17	0.2612
Limit	EIRP < 1W			Result		PASS	



LTE Cat. M1 Band 4 / 10MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	21.66	0.1466	23.90	0.2455
Middle		3	3	21.90	0.1549	24.14	0.2594
Highest		3	3	21.95	0.1567	24.19	0.2624
Lowest	16QAM	1	5	21.65	0.1462	23.89	0.2449
Middle		1	5	21.89	0.1545	24.13	0.2588
Highest		1	5	21.94	0.1563	24.18	0.2618
Limit	EIRP < 1W			Result		PASS	

LTE Cat. M1 Band 4 / 15MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.68	0.1472	23.92	0.2466
Middle		1	0	21.94	0.1563	24.18	0.2618
Highest		1	0	21.86	0.1535	24.10	0.2570
Lowest	16QAM	3	3	21.69	0.1476	23.93	0.2472
Middle		3	3	21.84	0.1528	24.08	0.2559
Highest		3	3	21.94	0.1563	24.18	0.2618
Limit	EIRP < 1W			Result		PASS	

LTE Cat. M1 Band 4 / 20MHz (Average) (GT - LC = 2.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.73	0.1489	23.97	0.2495
Middle		1	0	21.94	0.1563	24.18	0.2618
Highest		1	0	21.95	0.1567	24.19	0.2624
Lowest	16QAM	6	0	21.66	0.1466	23.90	0.2455
Middle		6	0	21.94	0.1563	24.18	0.2618
Highest		6	0	21.92	0.1556	24.16	0.2606
Limit	EIRP < 1W			Result		PASS	



LTE Cat. M1 Band 5 / 1.4MHz (Average) (GT - LC = 0.28 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.22	0.1667	20.35	0.1084
Middle		1	5	22.24	0.1675	20.37	0.1089
Highest		1	5	22.31	0.1702	20.44	0.1107
Lowest	16QAM	3	0	22.29	0.1694	20.42	0.1102
Middle		3	0	22.20	0.1660	20.33	0.1079
Highest		3	0	22.22	0.1667	20.35	0.1084
Limit	ERP < 7W			Result		PASS	

LTE Cat. M1 Band 5 / 3MHz (Average) (GT - LC = 0.28 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	6	0	22.24	0.1675	20.37	0.1089
Middle		6	0	22.19	0.1656	20.32	0.1076
Highest		6	0	22.30	0.1698	20.43	0.1104
Lowest	16QAM	6	0	22.27	0.1687	20.40	0.1096
Middle		6	0	22.25	0.1679	20.38	0.1091
Highest		6	0	22.31	0.1702	20.44	0.1107
Limit	ERP < 7W			Result		PASS	

LTE Cat. M1 Band 5 / 5MHz (Average) (GT - LC = 0.28 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.25	0.1679	20.41	0.1099
Middle		1	0	22.26	0.1683	20.31	0.1074
Highest		1	0	22.27	0.1687	20.44	0.1107
Lowest	16QAM	1	5	22.28	0.1690	20.33	0.1079
Middle		1	5	22.18	0.1652	20.30	0.1072
Highest		1	5	2.23	0.0017	20.39	0.1094
Limit	ERP < 7W			Result		PASS	



LTE Cat. M1 Band 5 / 10MHz (Average) (GT - LC = 0.28 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.30	0.1698	20.43	0.1104
Middle		1	0	22.26	0.1683	20.39	0.1094
Highest		1	0	22.31	0.1702	20.44	0.1107
Lowest	16QAM	1	5	22.27	0.1687	20.42	0.1102
Middle		1	5	22.23	0.1671	20.34	0.1081
Highest		1	5	22.31	0.1702	20.42	0.1102
Limit	ERP < 7W			Result		PASS	



LTE Cat. M1 Band 12 / 1.4MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.64	0.1837	21.33	0.1358
Middle		1	0	22.56	0.1803	21.25	0.1334
Highest		1	0	22.42	0.1746	21.11	0.1291
Lowest	16QAM	6	0	22.66	0.1845	21.35	0.1365
Middle		6	0	22.55	0.1799	21.24	0.1330
Highest		6	0	22.49	0.1774	21.18	0.1312
Limit	ERP < 3W			Result		PASS	

LTE Cat. M1 Band 12 / 3MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.66	0.1845	21.35	0.1365
Middle		1	0	22.50	0.1778	21.19	0.1315
Highest		1	0	22.45	0.1758	21.14	0.1300
Lowest	16QAM	6	0	22.67	0.1849	21.36	0.1368
Middle		6	0	22.48	0.1770	21.17	0.1309
Highest		6	0	22.40	0.1738	21.09	0.1285
Limit	ERP < 3W			Result		PASS	

LTE Cat. M1 Band 12 / 5MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.64	0.1837	21.33	0.1358
Middle		1	0	22.54	0.1795	21.23	0.1327
Highest		1	0	22.40	0.1738	21.09	0.1285
Lowest	16QAM	6	0	22.67	0.1849	21.36	0.1368
Middle		6	0	22.48	0.1770	21.17	0.1309
Highest		6	0	22.50	0.1778	21.19	0.1315
Limit	ERP < 3W			Result		PASS	



LTE Cat. M1 Band 12 / 10MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.67	0.1849	21.36	0.1368
Middle		1	0	22.57	0.1807	21.26	0.1337
Highest		1	0	22.25	0.1679	20.94	0.1242
Lowest	16QAM	6	0	22.64	0.1837	21.33	0.1358
Middle		6	0	22.52	0.1786	21.21	0.1321
Highest		6	0	22.43	0.1750	21.12	0.1294
Limit	ERP < 3W			Result		PASS	



LTE Cat. M1 Band 13 / 5MHz (Average) (GT - LC = 1.25 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.55	0.1799	21.65	0.1462
Middle		1	5	22.61	0.1824	21.71	0.1483
Highest		1	5	22.60	0.1820	21.70	0.1479
Lowest	16QAM	6	0	22.58	0.1811	21.68	0.1472
Middle		6	0	22.64	0.1837	21.74	0.1493
Highest		6	0	22.57	0.1807	21.67	0.1469
Limit	ERP < 3W			Result		PASS	

LTE Cat. M1 Band 13 / 10MHz (Average) (GT - LC = 1.25 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	22.67	0.1849	21.77	0.1503
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		6	0	22.67	0.1849	21.77	0.1503
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Cat. M1 Band 17/ 5MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.43	0.1750	21.12	0.1294
Middle		1	0	22.54	0.1795	21.23	0.1327
Highest		1	0	22.50	0.1778	21.19	0.1315
Lowest	16QAM	1	0	22.41	0.1742	21.10	0.1288
Middle		1	0	22.56	0.1803	21.25	0.1334
Highest		1	0	22.49	0.1774	21.18	0.1312
Limit	ERP < 3W			Result		PASS	

LTE Cat. M1 Band 17 / 10MHz (Average) (GT - LC = 0.84 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.50	0.1778	21.19	0.1315
Middle		1	0	22.59	0.1816	21.28	0.1343
Highest		1	0	22.59	0.1816	21.28	0.1343
Lowest	16QAM	1	0	22.50	0.1778	21.19	0.1315
Middle		1	0	22.59	0.1816	21.28	0.1343
Highest		1	0	22.53	0.1791	21.22	0.1324
Limit	ERP < 3W			Result		PASS	



LTE Cat. M1 Band 26/ 1.4MHz (Average) (GT - LC = 0.59 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.41	0.1742	20.85	0.1216
Middle		1	5	22.24	0.1675	20.68	0.1169
Highest		1	5	22.31	0.1702	20.75	0.1189
Lowest	16QAM	3	0	22.44	0.1754	20.88	0.1225
Middle		3	0	22.27	0.1687	20.71	0.1178
Highest		3	0	22.35	0.1718	20.79	0.1199
Limit	ERP < 7W			Result		PASS	

LTE Cat. M1 Band 26 / 3MHz (Average) (GT - LC = 0.59 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	6	0	22.42	0.1746	20.86	0.1219
Middle		6	0	22.29	0.1694	20.73	0.1183
Highest		6	0	22.35	0.1718	20.79	0.1199
Lowest	16QAM	3	3	22.47	0.1766	20.91	0.1233
Middle		3	3	22.29	0.1694	20.73	0.1183
Highest		3	3	22.38	0.1730	20.82	0.1208
Limit	ERP < 7W			Result		PASS	

LTE Cat. M1 Band 26 / 5MHz (Average) (GT - LC = 0.59 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.46	0.1762	20.91	0.1233
Middle		1	5	22.38	0.1730	20.71	0.1178
Highest		1	5	22.39	0.1734	20.78	0.1197
Lowest	16QAM	1	0	22.47	0.1766	20.87	0.1222
Middle		1	0	22.27	0.1687	20.68	0.1169
Highest		1	0	22.34	0.1714	20.81	0.1205
Limit	ERP < 7W			Result		PASS	



LTE Cat. M1 Band 26/ 10MHz (Average) (GT - LC = 0.59 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.47	0.1766	20.91	0.1233
Middle		1	5	22.25	0.1679	20.69	0.1172
Highest		1	5	22.38	0.1730	20.82	0.1208
Lowest	16QAM	1	0	22.44	0.1754	20.87	0.1222
Middle		1	0	22.28	0.1690	20.69	0.1172
Highest		1	0	22.29	0.1694	20.76	0.1191
Limit	ERP < 7W			Result		PASS	

LTE Cat. M1 Band 26 / 15MHz (Average) (GT - LC = 0.59 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.47	0.1766	20.91	0.1233
Middle		1	0	22.34	0.1714	20.78	0.1197
Highest		1	0	22.39	0.1734	20.83	0.1211
Lowest	16QAM	1	5	22.43	0.1750	20.83	0.1211
Middle		1	5	22.29	0.1694	20.73	0.1183
Highest		1	5	22.30	0.1698	20.80	0.1202
Limit	ERP < 7W			Result		PASS	



LTE Cat. M1 Band 66/ 10MHz (Average) (GT - LC = 2.38 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.73	0.1489	24.11	0.2576
Middle		1	0	22.04	0.1600	24.42	0.2767
Highest		1	0	21.93	0.1560	24.31	0.2698
Lowest	16QAM	1	0	22.64	0.1837	24.09	0.2564
Middle		1	0	22.00	0.1585	24.35	0.2723
Highest		1	0	21.87	0.1538	24.25	0.2661
Limit	EIRP < 1W			Result		PASS	



Radiated Spurious Emission

LTE CAT M1 Band 4

LTE CAT M1 Band 4 / 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	3420	-49.76	-13	-36.76	-68.79	-60.12	1.80	12.16	H
	5135	-46.78	-13	-33.78	-70.19	-56.60	2.30	12.13	H
	6843	-47.82	-13	-34.82	-74	-56.51	2.37	11.06	H
									H
									H
									H
	3420	-49.63	-13	-36.63	-69.29	-59.99	1.80	12.16	V
	5135	-41.62	-13	-28.62	-65.6	-51.44	2.30	12.13	V
	6843	-41.33	-13	-28.33	-68.06	-50.02	2.37	11.06	V
									V
									V
									V
Middle	3448	-48.61	-13	-35.61	-67.9	-59.03	1.83	12.24	H
	5170	-45.85	-13	-32.85	-69.29	-55.69	2.29	12.13	H
	6899	-45.01	-13	-32.01	-71.36	-53.63	2.39	11.00	H
									H
									H
									H
	3448	-50.64	-13	-37.64	-70.5	-61.06	1.83	12.24	V
	5170	-41.11	-13	-28.11	-65.11	-50.95	2.29	12.13	V
	6899	-41.33	-13	-28.33	-68.28	-49.95	2.39	11.00	V
									V
									V
									V



Highest	3476	-47.20	-13	-34.20	-66.75	-57.68	1.85	12.33	H
	5212	-46.28	-13	-33.28	-69.75	-56.15	2.27	12.14	H
	6948	-44.78	-13	-31.78	-71.28	-53.33	2.40	10.95	H
									H
									H
									H
									H
	3476	-50.39	-13	-37.39	-70.44	-60.87	1.85	12.33	V
	5212	-40.72	-13	-27.72	-64.74	-50.59	2.27	12.14	V
	6948	-40.28	-13	-27.28	-67.41	-48.83	2.40	10.95	V
									V
									V
									V
									V

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



LTE CAT M1 Band 25

LTE CAT M1 Band 25 / 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	3700	-51.83	-13	-38.83	-72.37	-62.14	1.97	12.28	H
	5555	-46.51	-13	-33.51	-70.08	-56.64	2.14	12.28	H
	7403	-45.42	-13	-32.42	-73.53	-53.42	2.17	10.17	H
									H
									H
									H
									H
	3700	-48.90	-13	-35.90	-69.96	-59.21	1.97	12.28	V
	5555	-42.61	-13	-29.61	-66.8	-52.74	2.14	12.28	V
	7403	-46.56	-13	-33.56	-74.63	-54.56	2.17	10.17	V
									V
									V
									V
									V
Middle	3742	-48.84	-13	-35.84	-69.48	-59.10	2.00	12.25	H
	5618	-44.50	-13	-31.50	-68.05	-54.74	2.13	12.37	H
	7487	-45.86	-13	-32.86	-73.82	-53.76	2.12	10.02	H
									H
									H
									H
									H
	3742	-47.45	-13	-34.45	-68.6	-57.71	2.00	12.25	V
	5618	-40.28	-13	-27.28	-64.47	-50.52	2.13	12.37	V
	7487	-45.39	-13	-32.39	-73.22	-53.29	2.12	10.02	V
									V
									V
									V
									V



Highest	3791	-46.84	-13	-33.84	-67.59	-57.04	2.02	12.23	H
	5688	-44.43	-13	-31.43	-68.31	-54.78	2.11	12.46	H
	7585	-44.98	-13	-31.98	-72.34	-53.17	2.11	10.31	H
									H
									H
									H
									H
	3791	-45.37	-13	-32.37	-66.61	-55.57	2.02	12.23	V
	5688	-39.49	-13	-26.49	-63.96	-49.84	2.11	12.46	V
	7585	-46.07	-13	-33.07	-73.44	-54.26	2.11	10.31	V
									V
									V
									V
									V

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



LTE CAT M1 Band 12

LTE CAT M1 Band 12 / 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	1400	-43.05	-13	-30.05	-57.36	-47.49	1.15	7.74	H
	2096	-45.56	-13	-32.56	-62.32	-52.21	1.38	10.18	H
	2800	-49.48	-13	-36.48	-67.26	-56.62	1.45	10.74	H
	3496	-52.37	-13	-39.37	-71.39	-60.74	1.87	12.39	H
	4200	-28.31	-13	-15.31	-48.62	-36.19	2.07	12.10	H
									H
									H
	1400	-43.92	-13	-30.92	-57.66	-48.36	1.15	7.74	V
	2096	-51.09	-13	-38.09	-68.10	-57.74	1.38	10.18	V
	2800	-52.50	-13	-39.50	-70.69	-59.64	1.45	10.74	V
	3496	-53.85	-13	-40.85	-73.33	-62.22	1.87	12.39	V
	4200	-29.18	-13	-16.18	-50.17	-37.06	2.07	12.10	V
									V
									V
Middle	1408	-43.76	-13	-30.76	-58.03	-48.24	1.15	7.78	H
	2112	-44.14	-13	-31.14	-61.17	-50.80	1.38	10.19	H
	2816	-50.52	-13	-37.52	-68.33	-57.67	1.45	10.75	H
	3520	-50.98	-13	-37.98	-70.18	-59.34	1.88	12.39	H
	4216	-28.48	-13	-15.48	-48.89	-36.37	2.06	12.10	H
									H
									H
	1408	-44.24	-13	-31.24	57.97	-48.72	1.15	7.78	V
	2112	-49.91	-13	-36.91	-67.22	-56.57	1.38	10.19	V
	2816	-52.24	-13	-39.24	-70.47	-59.39	1.45	10.75	V
	3520	-52.67	-13	-39.67	-72.35	-61.03	1.88	12.39	V
	4216	-27.64	-13	-14.64	-48.73	-35.53	2.06	12.10	V
									V
									V



Highest	1416	-42.34	-13	-29.34	-56.59	-46.85	1.15	7.81	H
	2120	-43.94	-13	-30.94	-61.10	-50.61	1.38	10.20	H
	2824	-48.67	-13	-35.67	-66.50	-55.83	1.45	10.76	H
	3536	-49.66	-13	-36.66	-68.97	-58.00	1.89	12.38	H
	4240	-31.04	-13	-18.04	-51.59	-38.94	2.05	12.10	H
									H
									H
	1416	-43.63	-13	-30.63	-57.35	-48.14	1.15	7.81	V
	2120	-48.97	-13	-35.97	-66.44	-55.64	1.38	10.20	V
	2824	-52.56	-13	-39.56	-70.81	-59.72	1.45	10.76	V
	3536	-49.93	-13	-36.93	-69.73	-58.27	1.89	12.38	V
	4240	-30.46	-13	-17.46	-51.70	-38.36	2.05	12.10	V
									V
									V

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



LTE CAT M1 Band 13

LTE CAT M1 Band 13 / 5MHz / 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	1554	-51.78	-13	-38.78	-65.14	-56.84	1.19	8.41	H	
	2332	-56.49	-13	-43.49	-74.00	-63.29	1.41	10.37	H	
	3109	-44.94	-13	-31.94	-63.70	-52.47	1.55	11.23	H	
	3886	-51.85	-13	-38.85	-72.24	-59.80	2.07	12.17	H	
	4664	-52.69	-13	-39.69	-74.77	-60.54	2.10	12.10	H	
										H
										H
	1554	-59.51	-13.00	-46.51	-72.65	-64.57	1.19	8.41	V	
	2332	-56.94	-13	-43.94	-74.98	-63.74	1.41	10.37	V	
	3109	-51.21	-13	-38.21	-70.26	-58.74	1.55	11.23	V	
	3886	-50.83	-13	-37.83	-71.67	-58.78	2.07	12.17	V	
	4664	-52.33	-13	-39.33	-75.10	-60.18	2.10	12.10	V	
										V
										V
Middle	1559	-53.41	-42.15	-11.26	-66.72	-58.49	1.19	8.42	H	
	2339	-54.81	-13	-41.81	-72.26	-61.62	1.41	10.37	H	
	3119	-46.37	-13	-33.37	-65.18	-53.92	1.56	11.26	H	
	3899	-50.63	-13	-37.63	-71.03	-58.56	2.08	12.16	H	
	4679	-51.37	-13	-38.37	-73.50	-59.21	2.11	12.10	H	
										H
										H
	1559	-59.90	-42.15	-17.75	-72.99	-64.98	1.19	8.42	V	
	2339	-57.09	-13	-44.09	-75.07	-63.90	1.41	10.37	V	
	3119	-49.85	-13	-36.85	-68.94	-57.40	1.56	11.26	V	
	3899	-49.60	-13	-36.60	-70.45	-57.53	2.08	12.16	V	
	4679	-51.97	-13	-38.97	-74.78	-59.81	2.11	12.10	V	
										V
										V



Highest	1564	-52.80	-42.15	-10.65	-66.07	-57.90	1.19	8.44	H
	2347	-54.88	-13	-41.88	-72.29	-61.69	1.42	10.38	H
	3129	-46.71	-13	-33.71	-65.56	-54.28	1.57	11.29	H
	3911	-48.49	-13	-35.49	-68.91	-56.41	2.08	12.15	H
	4694	-51.05	-13	-38.05	-73.23	-58.88	2.12	12.10	H
									H
									H
	1564	-59.98	-42.15	-17.83	-72.98	-65.08	1.19	8.44	V
	2347	-56.53	-13	-43.53	-74.49	-63.34	1.42	10.38	V
	3129	-47.02	-13	-34.02	-66.13	-54.59	1.57	11.29	V
	3911	-49.72	-13	-36.72	-70.58	-57.64	2.08	12.15	V
	4694	-51.76	-13	-38.76	-74.62	-59.59	2.12	12.10	V
									V
									V

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



LTE CAT M1 Band 13 / 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)	
Middle	1555	-50.62	-13	-37.62	-64	-55.69	1.19	8.41	H	
	2332	-56.22	-13	-43.22	-73.69	-63.02	1.41	10.37	H	
	3110	-45.66	-13	-32.66	-64.44	-53.19	1.55	11.23	H	
	3887	-51.80	-13	-38.80	-72.19	-59.75	2.07	12.17	H	
	4665	-52.77	-13	-39.77	-74.85	-60.62	2.10	12.10	H	
										H
										H
	1555	-57.68	-13	-44.68	-70.84	-62.75	1.19	8.41	V	
	2332	-56.51	-13	-43.51	-74.52	-63.31	1.41	10.37	V	
	3110	-51.17	-13	-38.17	-70.23	-58.70	1.55	11.23	V	
	3887	-49.53	-13	-36.53	-70.38	-57.48	2.07	12.17	V	
	4665	-52.66	-13	-39.66	-75.43	-60.51	2.10	12.10	V	
										V
										V

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



LTE CAT M1 Band 2

LTE CAT M1 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	3700	-50.13	-13	-37.13	-70.67	-60.44	1.97	12.28	H
	5555	-44.01	-13	-31.01	-67.58	-54.14	2.14	12.28	H
	7403	-43.98	-13	-30.98	-72.09	-51.98	2.17	10.17	H
									H
									H
									H
									H
	3700	-46.27	-13	-33.27	-67.33	-56.58	1.97	12.28	V
	5555	-45.92	-13	-32.92	-70.11	-56.05	2.14	12.28	V
	7403	-46.30	-13	-33.30	-74.37	-54.30	2.17	10.17	V
									V
									V
									V
									V
Middle	3742	-49.70	-13	-36.70	-70.34	-59.96	2.00	12.25	H
	5611	-41.98	-13	-28.98	-65.5	-52.21	2.13	12.36	H
	7487	-45.52	-13	-32.52	-73.48	-53.42	2.12	10.02	H
									H
									H
									H
									H
	3742	-48.06	-13	-35.06	-69.21	-58.32	2.00	12.25	V
	5611	-43.42	-13	-30.42	-67.59	-53.65	2.13	12.36	V
	7487	-48.74	-13	-35.74	-73.57	-56.64	2.12	10.02	V
									V
									V
									V
									V



Highest	3784	-45.99	-13	-32.99	-66.73	-56.20	2.02	12.23	H
	5674	-38.78	-13	-25.78	-62.6	-49.11	2.11	12.44	H
	7564	-46.85	-13	-33.85	-74.36	-54.97	2.11	10.23	H
									H
									H
									H
									H
	3784	-46.55	-13	-33.55	-67.78	-56.76	2.02	12.23	V
	5674	-42.58	-13	-29.58	-66.99	-52.91	2.11	12.44	V
	7564	-44.91	-13	-31.91	-72.39	-53.03	2.11	10.23	V
									V
									V
									V
									V

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



LTE CAT M1 Band 5

LTE CAT M1 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	-33.67	-13	-20.67	-46.64	-39.06	1.23	8.76	H
	2472	-38.37	-13	-25.37	-55.2	-45.26	1.44	10.48	H
	3296	-39.32	-13	-26.32	-57.91	-47.26	1.70	11.79	H
	4120	-42.03	-13	-29.03	-62.41	-49.89	2.09	12.10	H
	4952	-50.55	-13	-37.55	-73.53	-58.18	2.32	12.10	H
									H
									H
	1648	-36.99	-13	-23.99	-49.84	-42.38	1.23	8.76	V
	2472	-41.05	-13	-28.05	-58.17	-47.94	1.44	10.48	V
	3296	-43.80	-13	-30.80	-62.79	-51.74	1.70	11.79	V
	4120	-43.53	-13	-30.53	-64.48	-51.39	2.09	12.10	V
	4952	-51.30	-13	-38.30	-74.9	-58.93	2.32	12.10	V
									V
									V
Middle	1664	-34.76	-13	-21.76	-47.77	-40.20	1.23	8.82	H
	2496	-42.19	-13	-29.19	-58.96	-49.10	1.44	10.50	H
	3328	-44.66	-13	-31.66	-63.05	-52.67	1.73	11.88	H
	4160	-43.00	-13	-30.00	-63.34	-50.87	2.08	12.10	H
									H
									H
									H
	1664	-37.80	-13	-24.80	-50.69	-43.24	1.23	8.82	V
	2496	-44.72	-13	-31.72	-61.7	-51.63	1.44	10.50	V
	3328	-44.95	-13	-31.95	-63.82	-52.96	1.73	11.88	V
	4160	-45.34	-13	-32.34	-66.31	-53.21	2.08	12.10	V
									V
									V
									V



Highest	1680	-36.39	-13	-23.39	-49.43	-41.89	1.24	8.88	H
	2520	-30.19	-13	-17.19	-46.95	-37.12	1.44	10.52	H
	3360	-44.03	-13	-31.03	-62.24	-52.10	1.76	11.98	H
	4200	-39.46	-13	-26.46	-59.77	-47.34	2.07	12.10	H
	5040	-48.69	-13	-35.69	-71.85	-56.30	2.34	12.11	H
	5880	-45.04	-13	-32.04	-69.27	-53.55	2.07	12.73	H
									H
	1680	-38.02	-13	-25.02	-50.96	-43.52	1.24	8.88	V
	2520	-32.10	-13	-19.10	-49.09	-39.03	1.44	10.52	V
	3360	-48.00	-13	-35.00	-66.78	-56.07	1.76	11.98	V
	4200	-41.00	-13	-28.00	-61.99	-48.88	2.07	12.10	V
	5040	-51.71	-13	-38.71	-75.48	-59.32	2.34	12.11	V
	5880	-48.33	-13	-35.33	-73.07	-56.84	2.07	12.73	V
									V

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



LTE CAT M1 Band 17

LTE CAT M1 Band 17 / 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	1408	-39.77	-13	-26.77	-54.04	-44.25	1.15	7.78	H
	2112	-47.96	-13	-34.96	-64.99	-54.62	1.38	10.19	H
	2816	-49.89	-13	-36.89	-67.70	-57.04	1.45	10.75	H
	3528	-51.57	-13	-38.57	-70.82	-59.92	1.88	12.38	H
	4232	-25.96	-13	-12.96	-46.47	-33.85	2.06	12.10	H
									H
									H
	1408	-42.15	-13	-29.15	-55.88	-46.63	1.15	7.78	V
	2112	-44.81	-13	-31.81	-62.12	-51.47	1.38	10.19	V
	2816	-51.60	-13	-38.60	-69.83	-58.75	1.45	10.75	V
	3528	-52.96	-13	-39.96	-72.69	-61.31	1.88	12.38	V
	4232	-28.40	-13	-15.40	-49.60	-36.29	2.06	12.10	V
									V
									V
Middle	1408	-41.18	-13	-28.18	-55.45	-45.66	1.15	7.78	H
	2120	-48.32	-13	-35.32	-65.48	-54.99	1.38	10.20	H
	2824	-50.96	-13	-37.96	-68.79	-58.12	1.45	10.76	H
	3528	-52.59	-13	-39.59	-71.84	-60.94	1.88	12.38	H
	4232	-27.48	-13	-14.48	-47.99	-35.37	2.06	12.10	H
									H
									H
	1408	-42.30	-13	-29.30	-56.03	-46.78	1.15	7.78	V
	2120	-43.57	-13	-30.57	-61.04	-50.24	1.38	10.20	V
	2824	-50.67	-13	-37.67	-68.92	-57.83	1.45	10.76	V
	3528	-53.09	-13	-40.09	-72.82	-61.44	1.88	12.38	V
	4232	-27.89	-13	-14.89	-49.09	-35.78	2.06	12.10	V
									V
									V



Highest	1416	-38.94	-13	-25.94	-53.19	-43.45	1.15	7.81	H
	2120	-48.72	-13	-35.72	-65.88	-55.39	1.38	10.20	H
	2824	-49.15	-13	-36.15	-66.98	-56.31	1.45	10.76	H
	3536	-52.94	-13	-39.94	-72.25	-61.28	1.89	12.38	H
	4240	-23.93	-13	-10.93	-44.48	-31.83	2.05	12.10	H
									H
									H
	1416	-43.54	-13	-30.54	-57.26	-48.05	1.15	7.81	V
	2120	-43.73	-13	-30.73	-61.20	-50.40	1.38	10.20	V
	2824	-51.76	-13	-38.76	-70.01	-58.92	1.45	10.76	V
	3536	-53.49	-13	-40.49	-73.29	-61.83	1.89	12.38	V
	4240	-31.67	-13	-18.67	-52.91	-39.57	2.05	12.10	V
									V
									V

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



LTE CAT M1 Band 26

LTE CAT M1 Band 26 / 15MHz / 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	-36.29	-13	-23.29	-49.26	-41.68	1.23	8.76	H	
	2472	-41.30	-13	-28.30	-58.13	-48.19	1.44	10.48	H	
	3304	-42.92	-13	-29.92	-61.47	-50.87	1.71	11.81	H	
	4128	-44.64	-13	-31.64	-65.02	-52.50	2.09	12.10	H	
	4952	-52.24	-13	-39.24	-75.22	-59.87	2.32	12.10	H	
										H
										H
	1648	-42.48	-13	-29.48	-55.33	-47.87	1.23	8.76	V	
	2472	-40.26	-13	-27.26	-57.38	-47.15	1.44	10.48	V	
	3304	-45.03	-13	-32.03	-63.99	-52.98	1.71	11.81	V	
	4128	-46.56	-13	-33.56	-67.52	-54.42	2.09	12.10	V	
	4952	-51.04	-13	-38.04	-74.64	-58.67	2.32	12.10	V	
										V
										V
Middle	1664	-43.05	-13	-30.05	-56.06	-48.49	1.23	8.82	H	
	2488	-46.29	-13	-33.29	-63.08	-53.19	1.44	10.49	H	
	3320	-43.99	-13	-30.99	-62.44	-51.98	1.72	11.86	H	
	4152	-44.66	-13	-31.66	-65.01	-52.53	2.08	12.10	H	
										H
										H
										H
	1664	-43.73	-13	-30.73	-56.62	-49.17	1.23	8.82	V	
	2488	-48.74	-13	-35.74	-65.77	-55.64	1.44	10.49	V	
	3320	-44.07	-13	-31.07	-62.98	-52.06	1.72	11.86	V	
	4152	-44.65	-13	-31.65	-65.62	-52.52	2.08	12.10	V	
										V
										V
										V



Highest	1672	-41.59	-13	-28.59	-54.61	-47.06	1.24	8.85	H
	2504	-40.92	-13	-27.92	-57.68	-47.83	1.44	10.50	H
	3344	-45.65	-13	-32.65	-63.95	-53.69	1.74	11.93	H
	4176	-43.66	-13	-30.66	-63.99	-51.54	2.07	12.10	H
	5848	-50.72	-13	-37.72	-74.98	-59.18	2.07	12.69	H
									H
									H
	1672	-46.51	-13	-33.51	-59.42	-51.98	1.24	8.85	V
	2504	-40.71	-13	-27.71	-57.66	-47.62	1.44	10.50	V
	3344	-48.95	-13	-35.95	-67.78	-56.99	1.74	11.93	V
	4176	-42.20	-13	-29.20	-63.18	-50.08	2.07	12.10	V
	5848	-51.69	-13	-38.69	-76.46	-60.15	2.07	12.69	V
									V
									V

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



LTE CAT M1 Band 66

LTE CAT M1 Band 66 / 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	3420	-49.97	-13	-36.97	-69	-60.33	1.80	12.16	H
	5135	-43.55	-13	-30.55	-66.96	-53.37	2.30	12.13	H
	6843	-42.52	-13	-29.52	-68.7	-51.21	2.37	11.06	H
									H
									H
									H
									H
	3420	-49.23	-13	-36.23	-68.89	-59.59	1.80	12.16	V
	5135	-45.63	-13	-32.63	-69.61	-55.45	2.30	12.13	V
	6843	-47.63	-13	-34.63	-74.36	-56.32	2.37	11.06	V
									V
									V
									V
									V
Middle	3483	-49.58	-13	-36.58	-69.19	-60.07	1.86	12.35	H
	5219	-41.81	-13	-28.81	-65.29	-51.68	2.27	12.14	H
	6962	-40.60	-13	-27.60	-67.15	-49.13	2.41	10.94	H
									H
									H
									H
									H
	3483	-49.04	-13	-36.04	-69.14	-59.53	1.86	12.35	V
	5219	-43.37	-13	-30.37	-67.4	-53.24	2.27	12.14	V
	6962	-44.72	-13	-31.72	-71.91	-53.25	2.41	10.94	V
									V
									V
									V
									V



Highest	3539	-49.56	-13	-36.56	-69.54	-60.05	1.89	12.38	H
	5310	-40.51	-13	-27.51	-64.06	-50.44	2.23	12.16	H
	7081	-41.28	-13	-28.28	-68.4	-49.66	2.37	10.75	H
									H
									H
									H
									H
	3539	-47.55	-13	-34.55	-68.02	-58.04	1.89	12.38	V
	5310	-43.23	-13	-30.23	-67.3	-53.16	2.23	12.16	V
	7081	-43.31	-13	-30.31	-70.97	-51.69	2.37	10.75	V
									V
									V
									V
									V

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