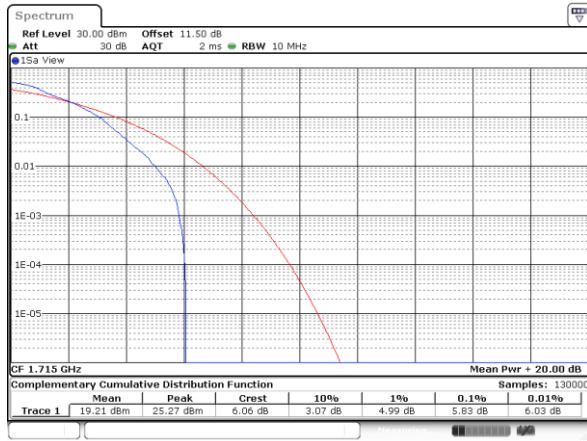


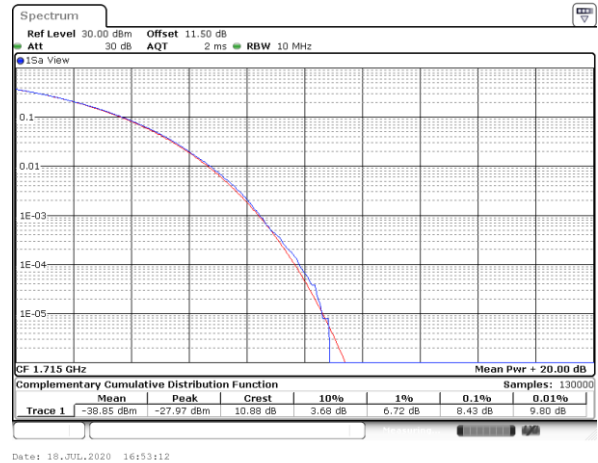


LTE Band 66 / 10MHz / QPSK

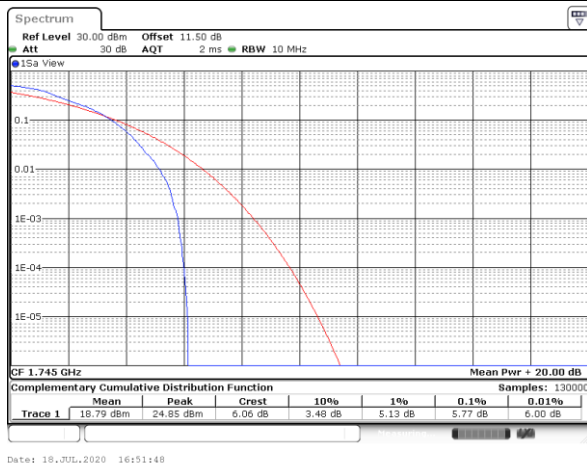
Lowest Channel / 1RB



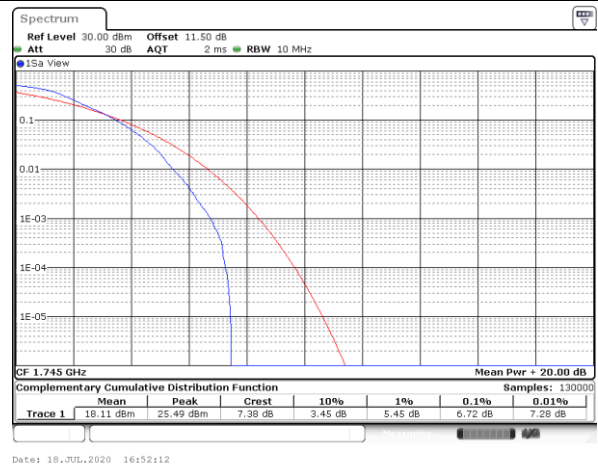
Lowest Channel / Full RB



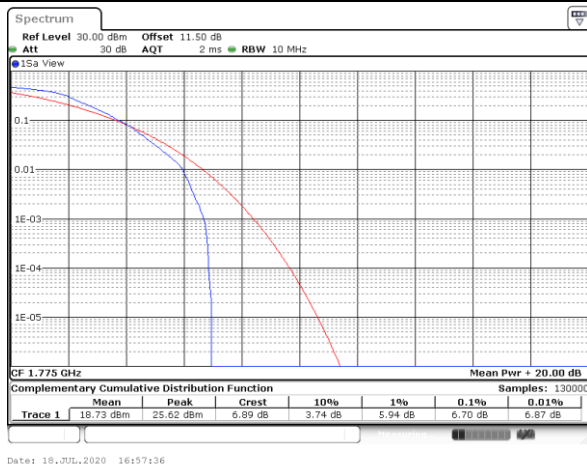
Middle Channel / 1RB



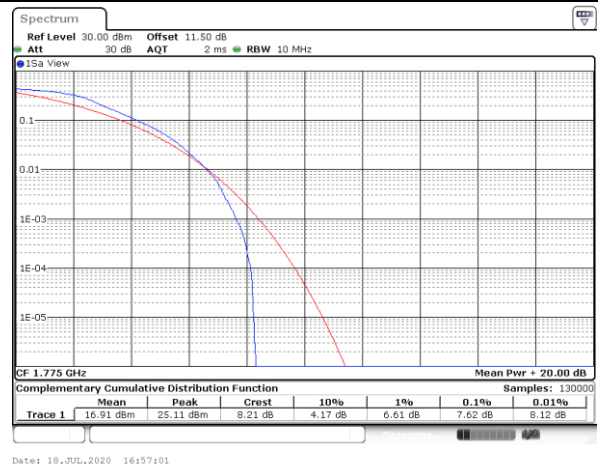
Middle Channel / Full RB



Highest Channel / 1RB



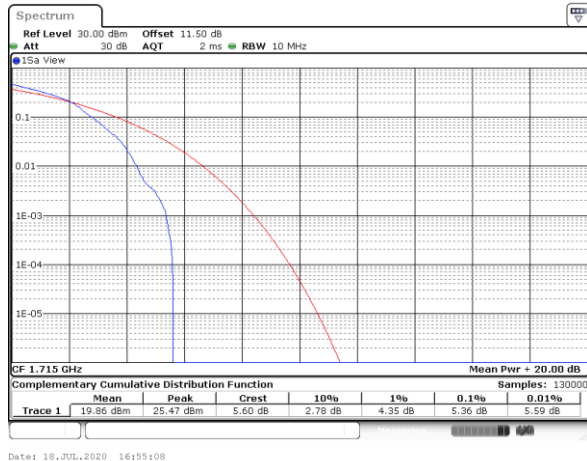
Highest Channel / Full RB



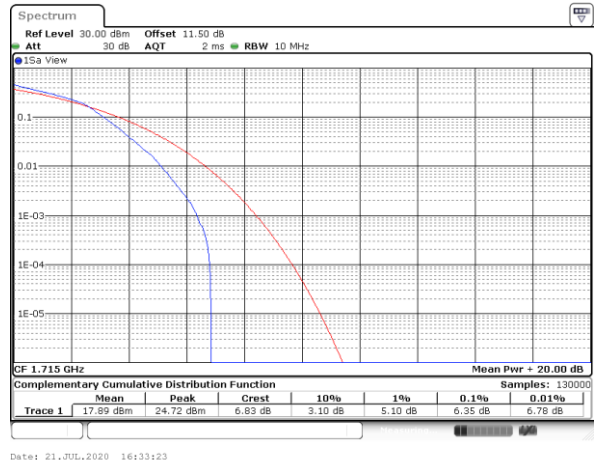


LTE Band 66 / 10MHz / 16QAM

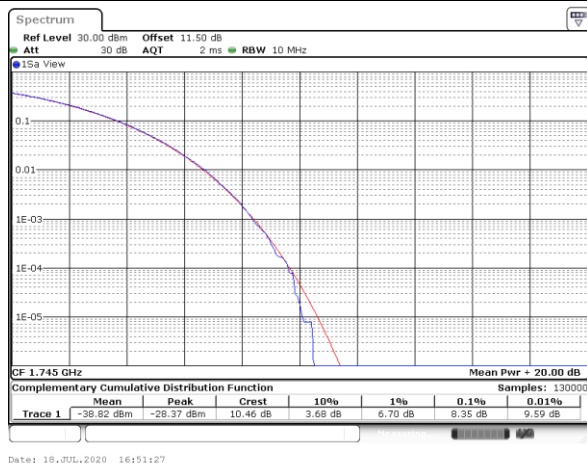
Lowest Channel / 1RB



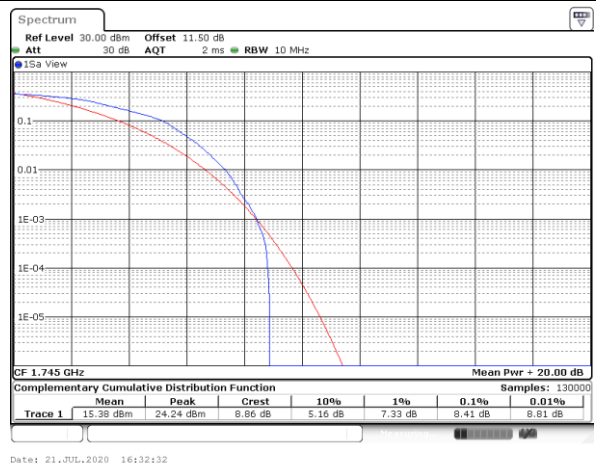
Lowest Channel / Full RB



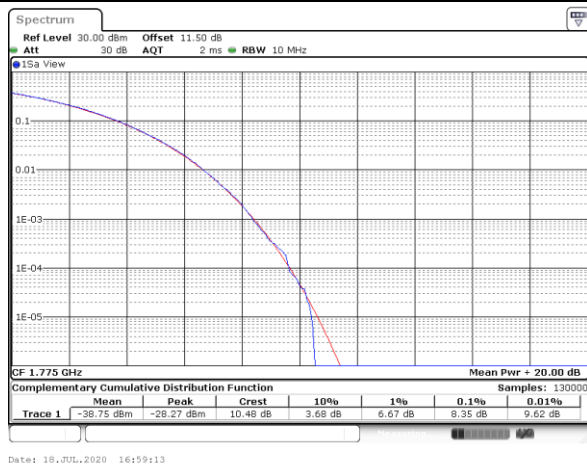
Middle Channel / 1RB



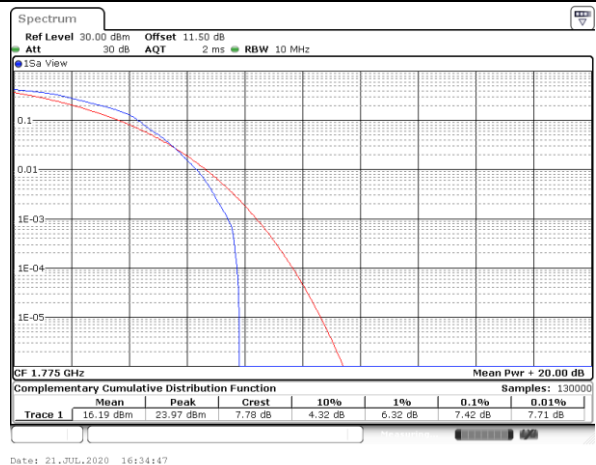
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



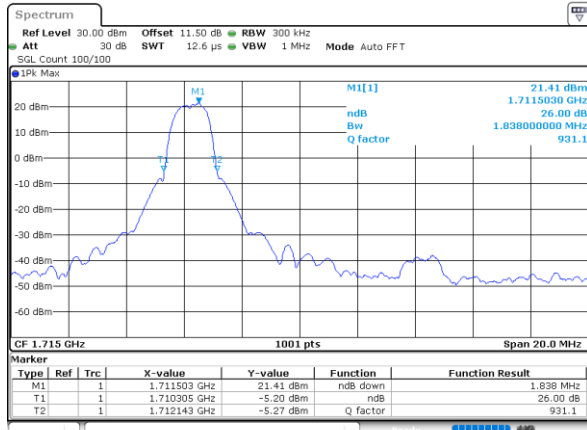
**26dB Bandwidth**

Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-



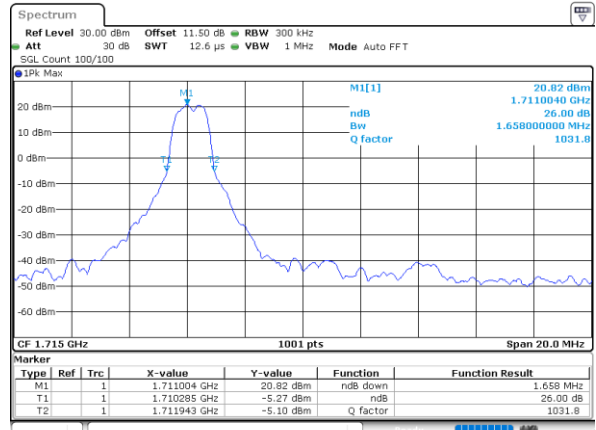
LTE Band 66

Lowest Channel / 10MHz / QPSK



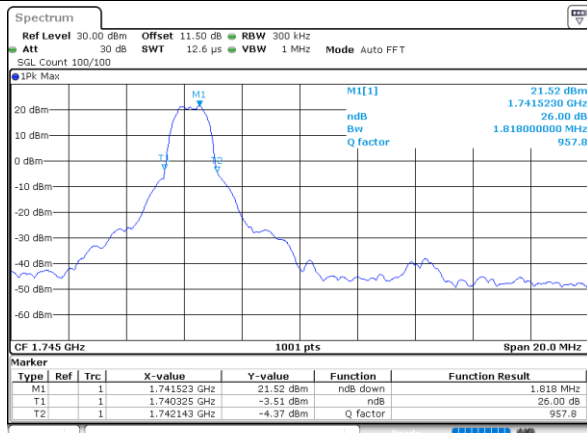
Date: 18.JUL.2020 16:52:57

Lowest Channel / 10MHz / 16QAM



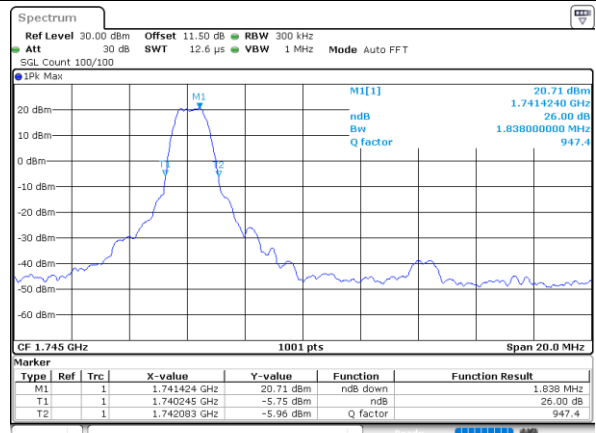
Date: 21.JUL.2020 16:33:02

Middle Channel / 10MHz / QPSK



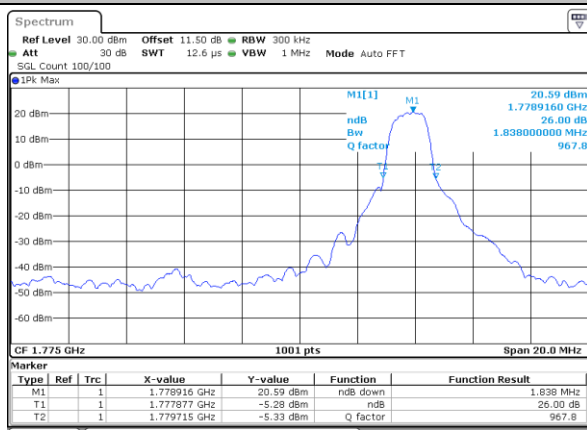
Date: 18.JUL.2020 16:49:13

Middle Channel / 10MHz / 16QAM



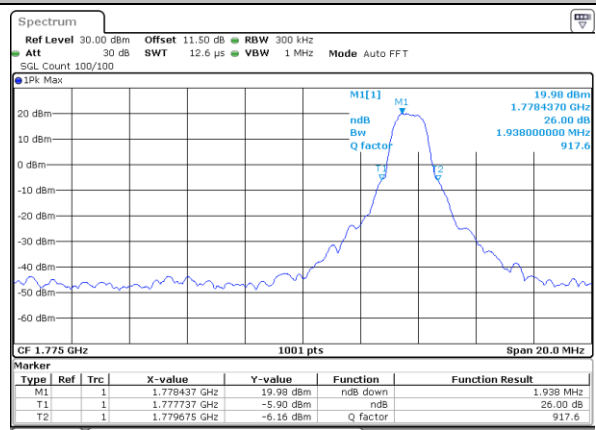
Date: 21.JUL.2020 16:32:25

Highest Channel / 10MHz / QPSK



Date: 18.JUL.2020 16:56:53

Highest Channel / 10MHz / 16QAM



Date: 21.JUL.2020 16:34:41

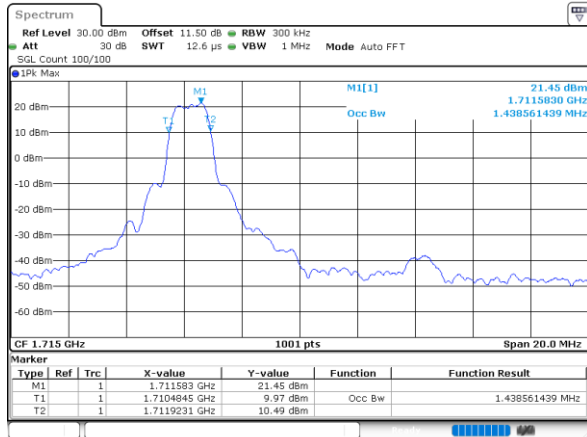
**Occupied Bandwidth**

Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-

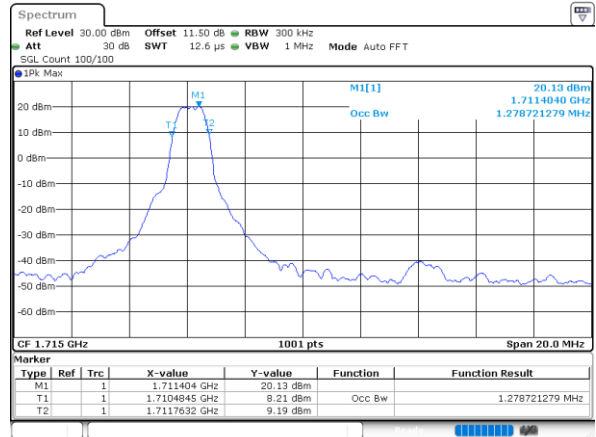


LTE Band 66

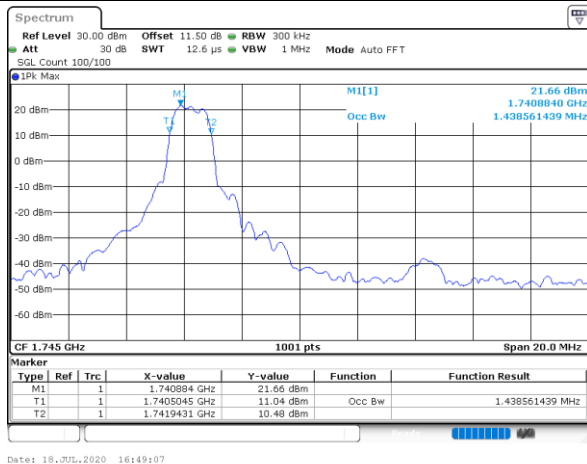
Lowest Channel / 10MHz / QPSK



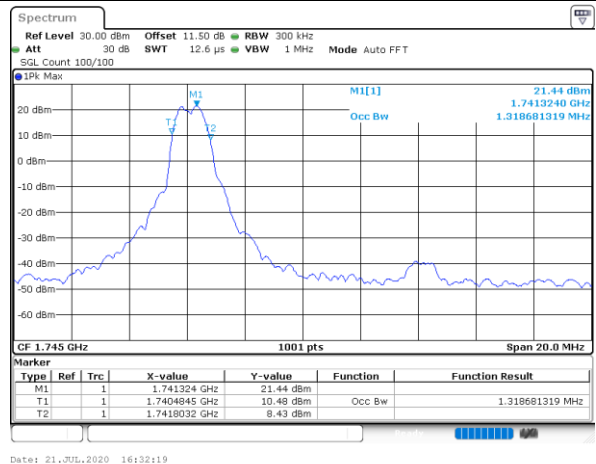
Lowest Channel / 10MHz / 16QAM



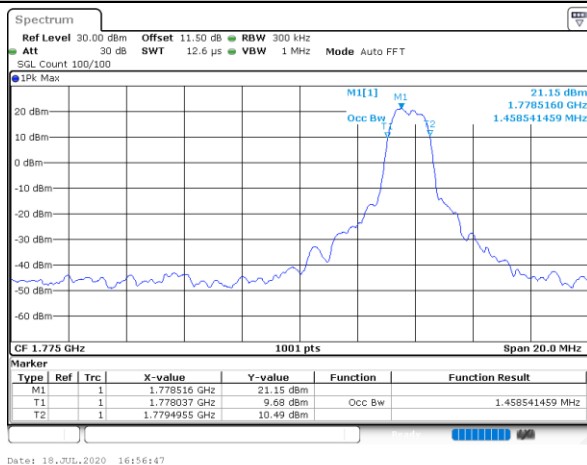
Middle Channel / 10MHz / QPSK



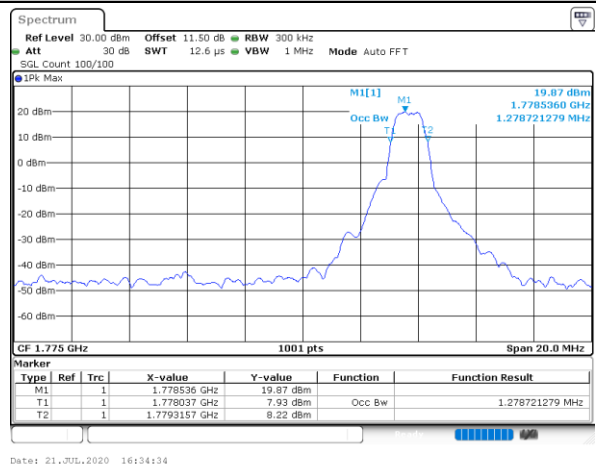
Middle Channel / 10MHz / 16QAM

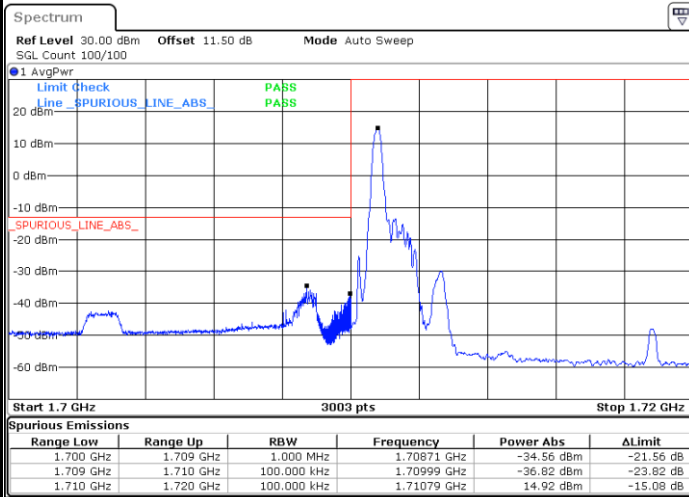
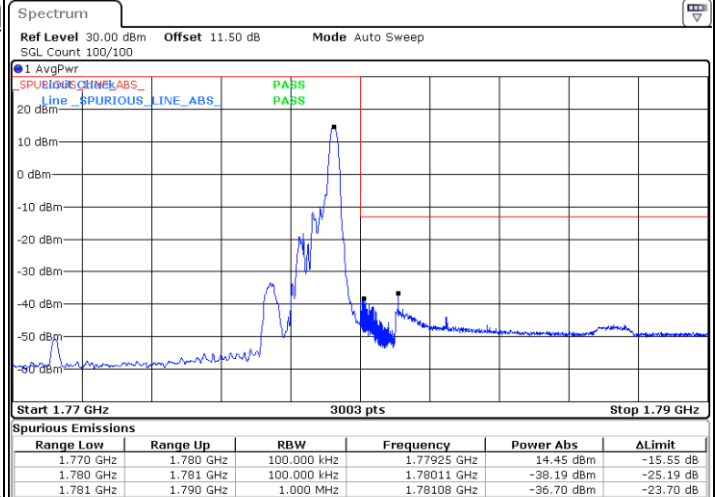
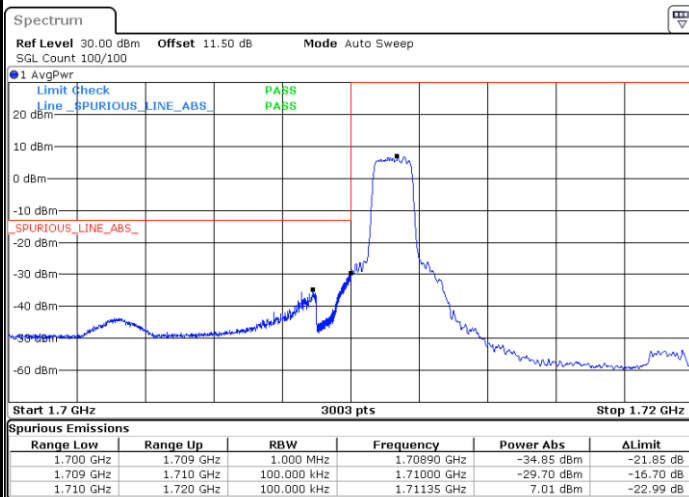
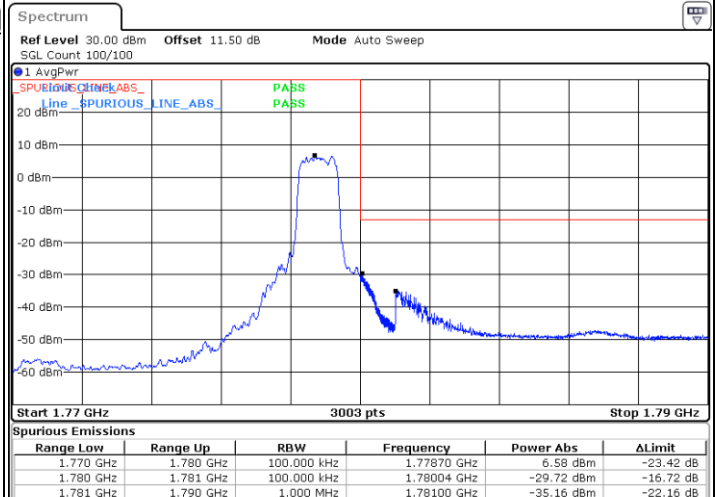


Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

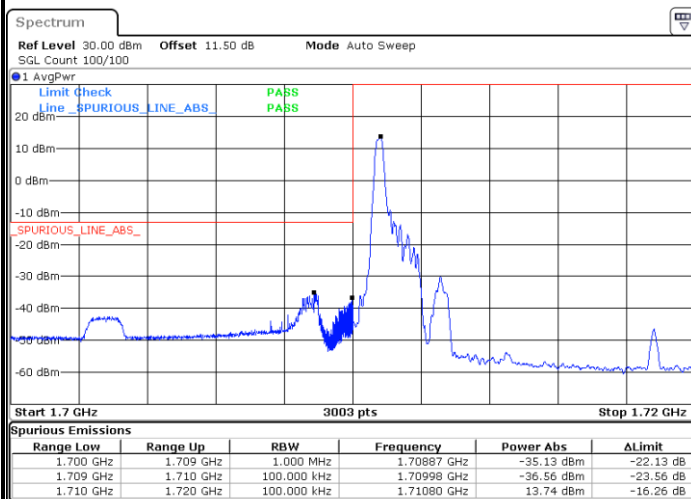


**Conducted Band Edge****LTE Band 66 / 10MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

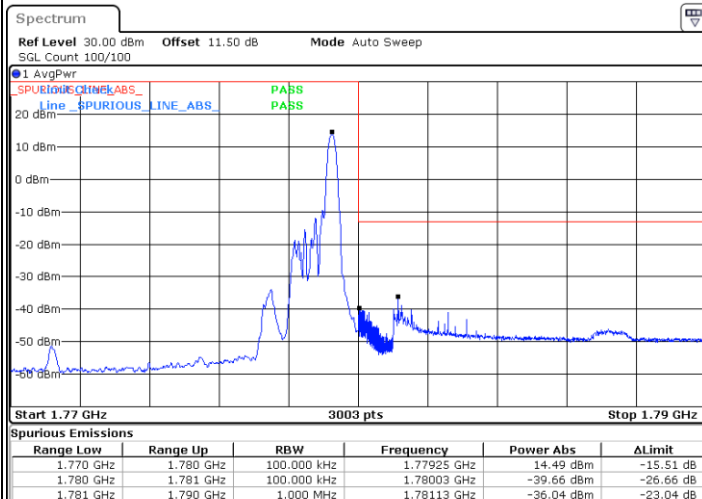


LTE Band 66 / 10MHz / 16QAM

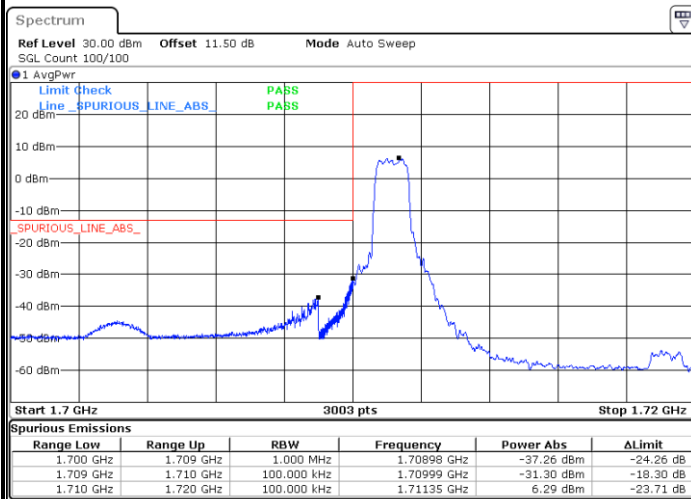
Lowest Band Edge / 1 RB



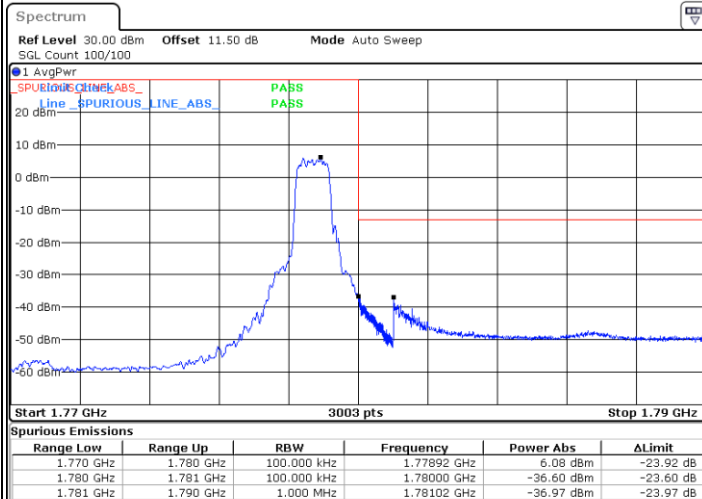
Highest Band Edge / 1 RB

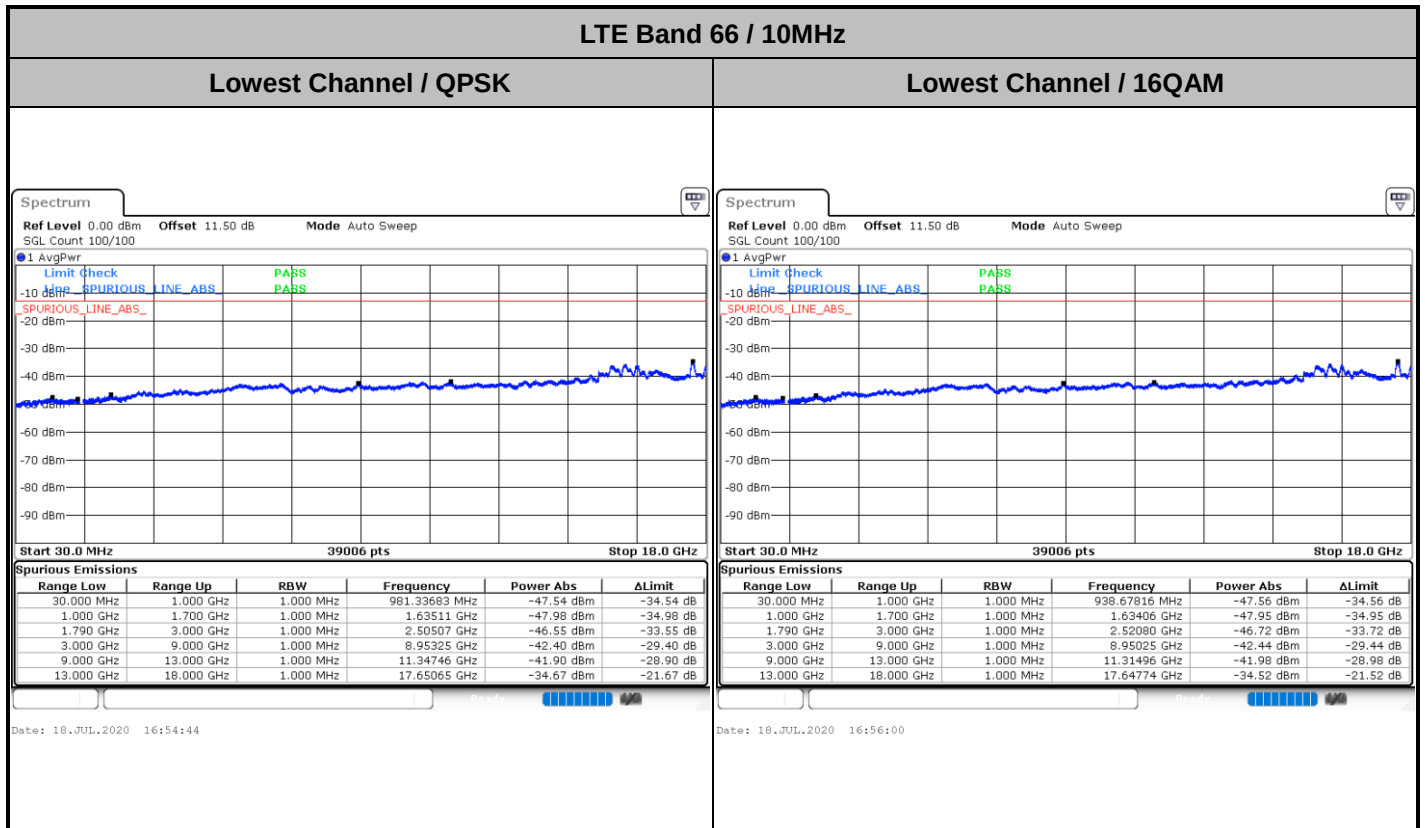


Lowest Band Edge / Full RB



Highest Band Edge / Full RB

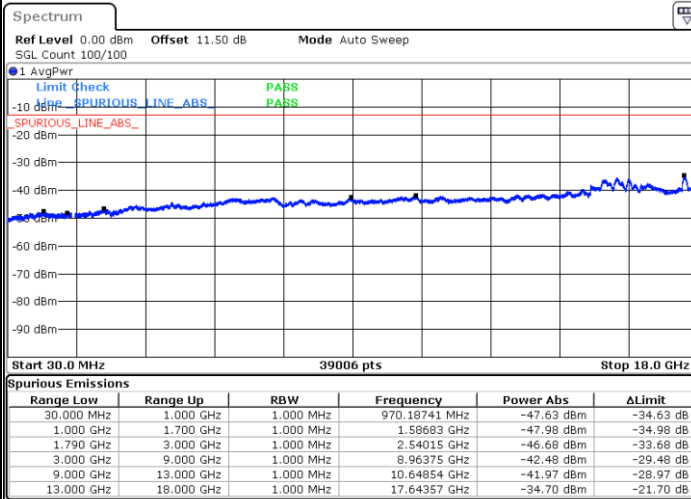


**Conducted Spurious Emission**



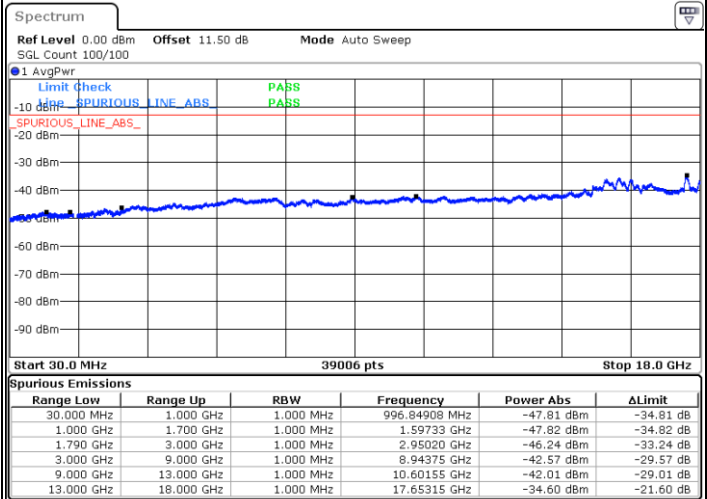
LTE Band 66 / 10MHz

Middle Channel / QPSK



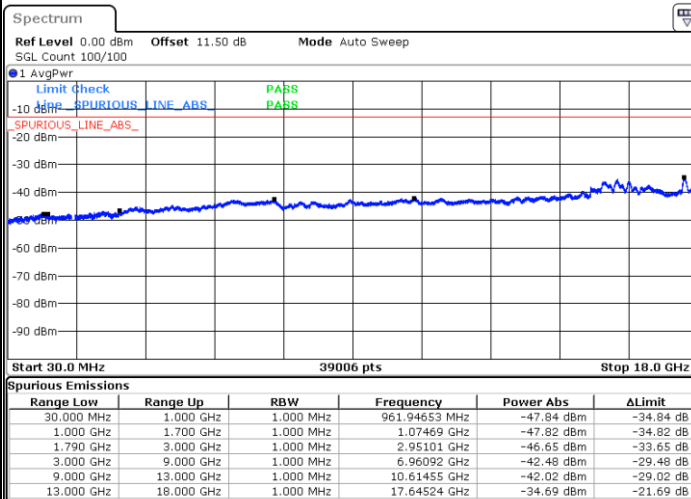
Date: 18.JUL.2020 16:49:55

Middle Channel / 16QAM



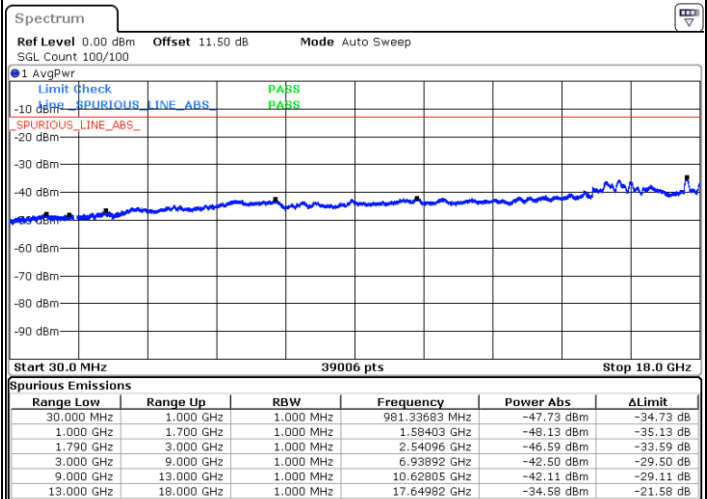
Date: 18.JUL.2020 16:50:45

Highest Channel / QPSK



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

Highest Channel / 16QAM



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
									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.