

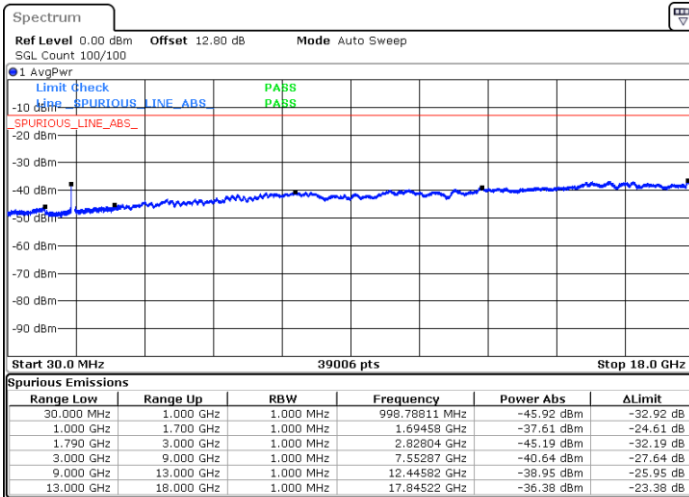


Conducted Spurious Emission

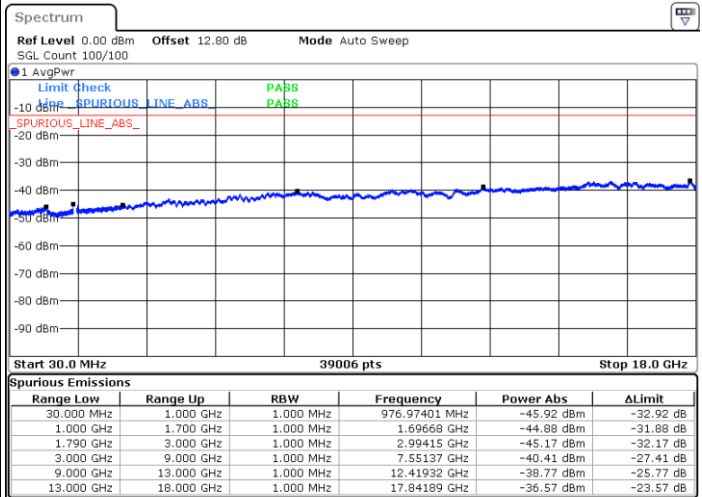
FR1 n66 / 5MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

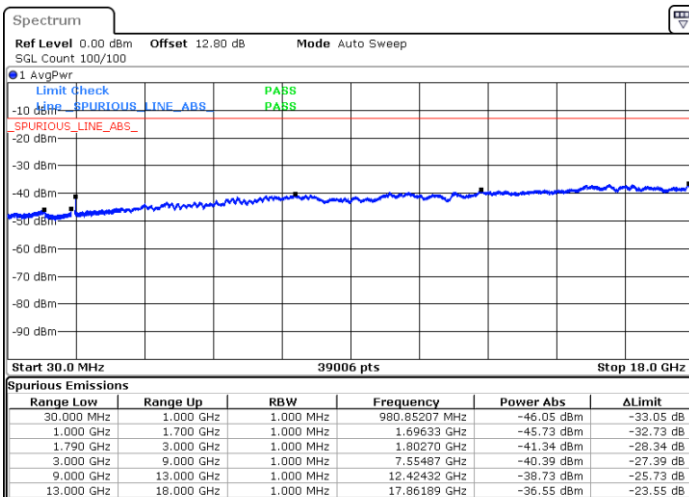


Date: 25.FEB.2020 03:44:08



Date: 25.FEB.2020 04:02:44

Highest Channel / 1RB1

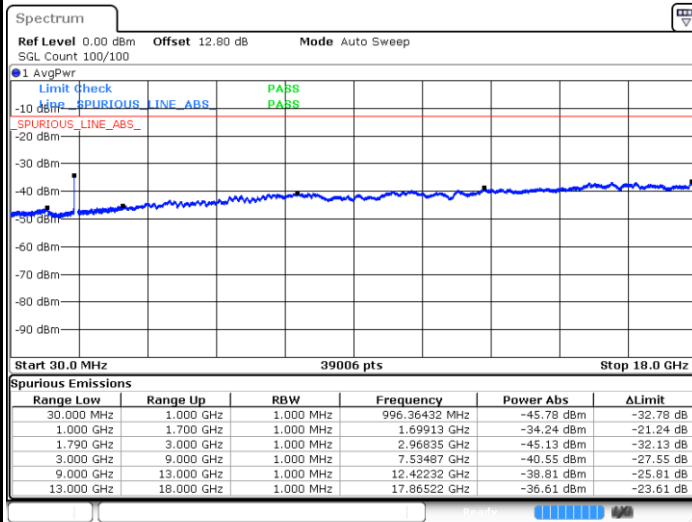


Date: 25.FEB.2020 04:12:47



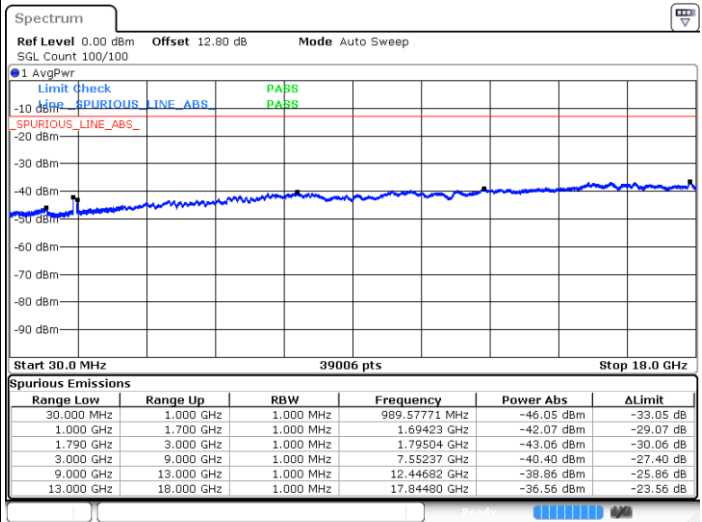
FR1 n66 / 5MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



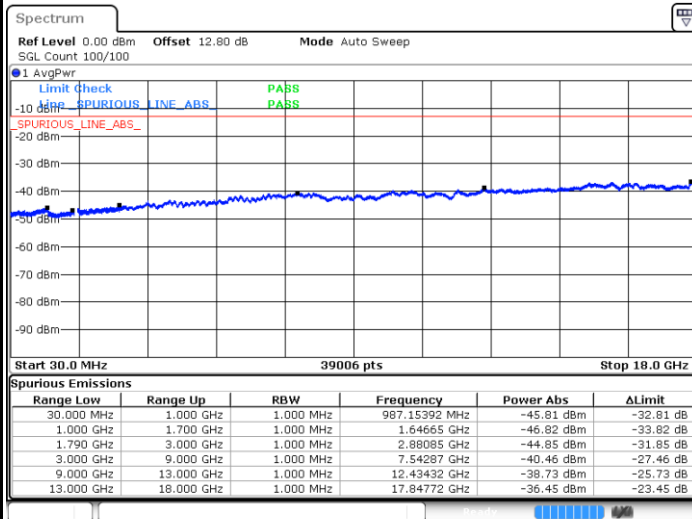
Date: 25 FEB 2020 03:48:28

Middle Channel / 1RB1



Date: 25 FEB 2020 04:06:33

Highest Channel / 1RB1

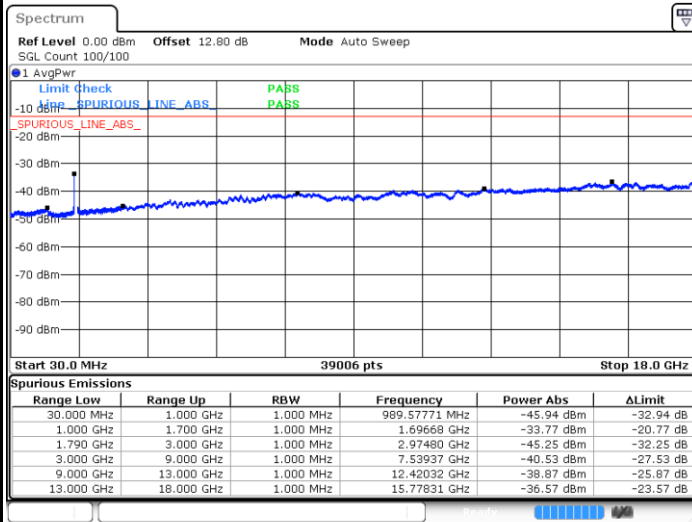


Date: 25 FEB 2020 04:56:24



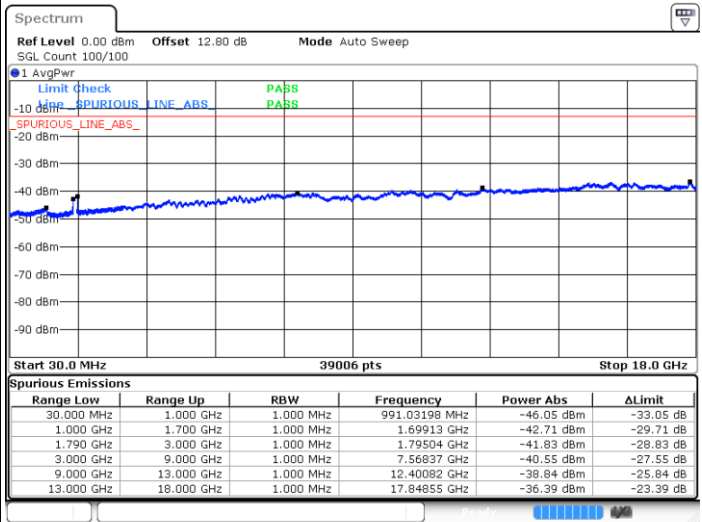
FR1 n66 / 5MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



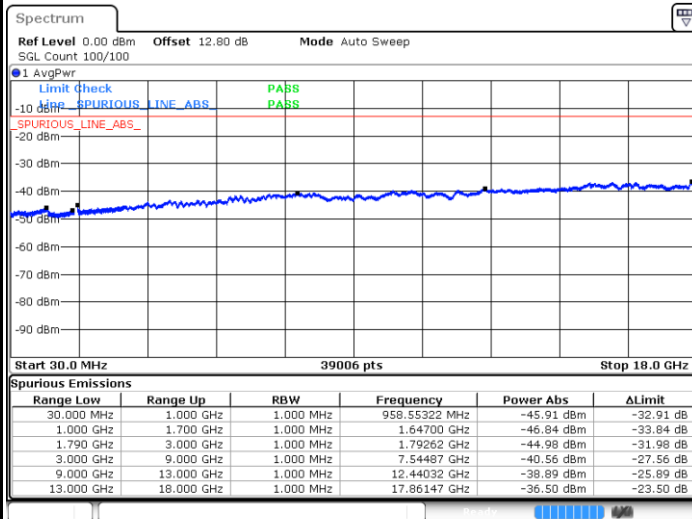
Date: 25 FEB 2020 03:49:32

Middle Channel / 1RB1



Date: 25 FEB 2020 04:07:22

Highest Channel / 1RB1

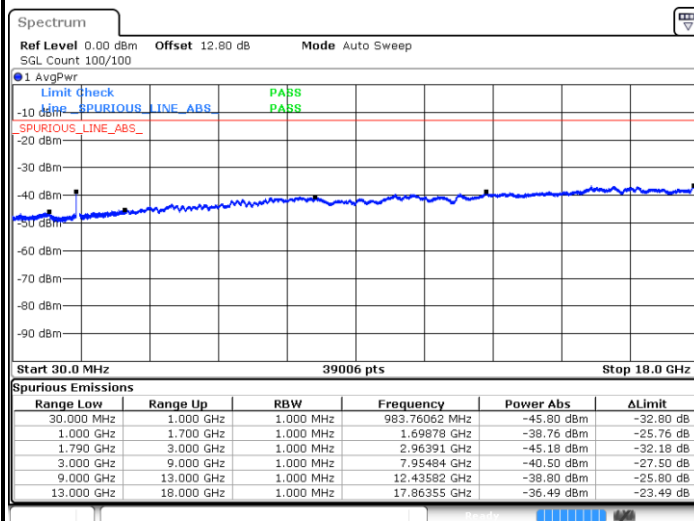


Date: 25 FEB 2020 04:55:34



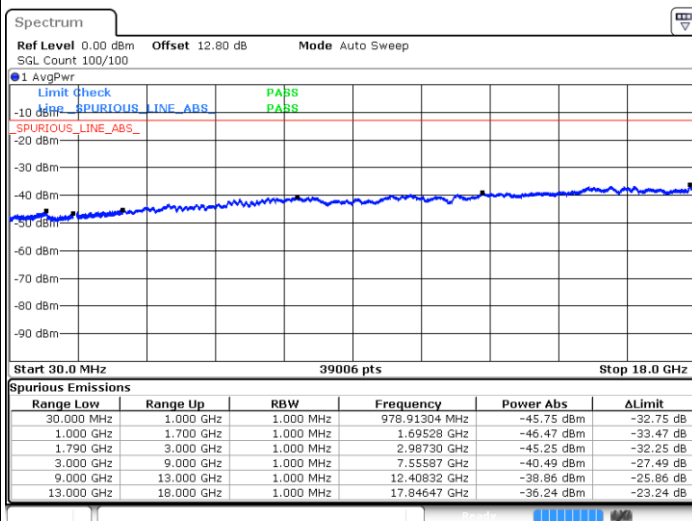
FR1 n66 / 5MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



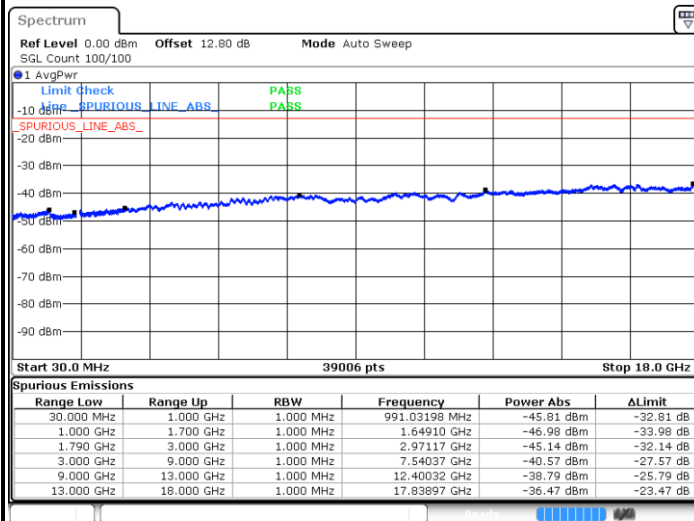
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Middle Channel / 1RB1



Date: 25 FEB 2020 04:08:08

Highest Channel / 1RB1

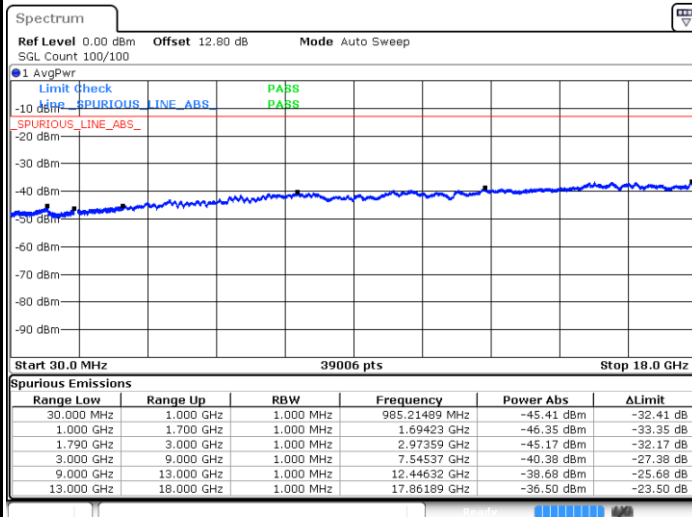


Date: 25 FEB 2020 04:54:40



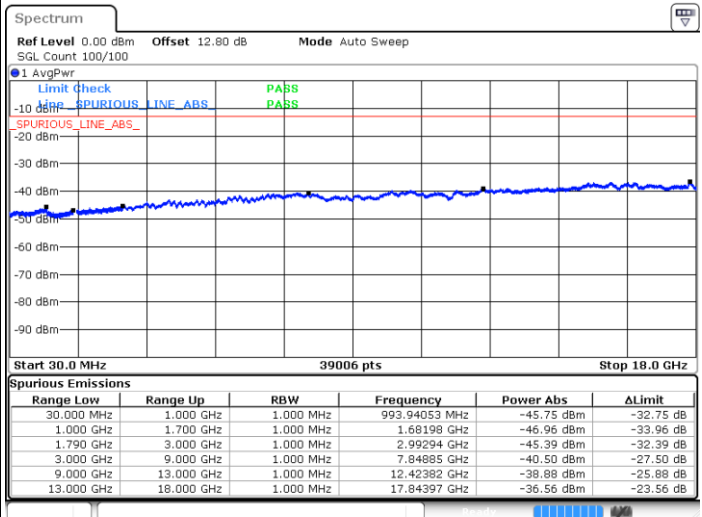
FR1 n66 / 5MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



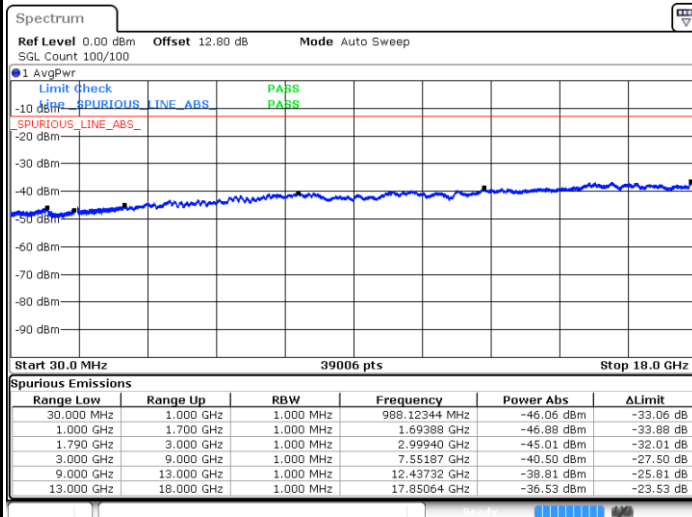
Date: 25 FEB 2020 03:51:57

Middle Channel / 1RB1



Date: 25 FEB 2020 04:08:51

Highest Channel / 1RB1

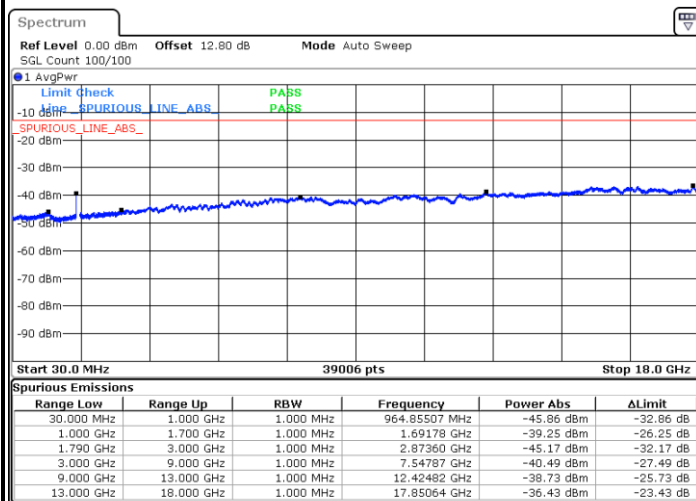


Date: 25 FEB 2020 04:53:59



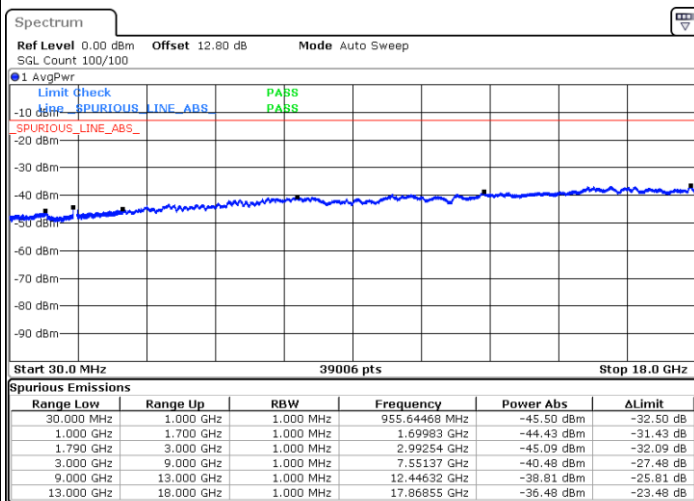
FR1 n66 / 10MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1



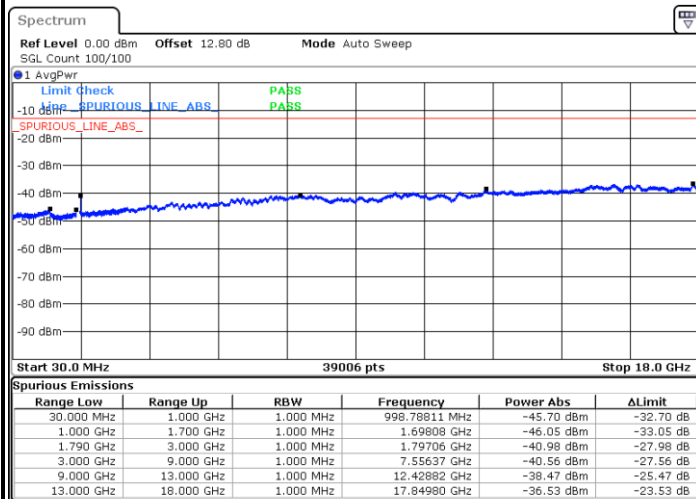
Date: 25 FEB 2020 04:59:49

Middle Channel / 1RB1



Date: 25 FEB 2020 05:12:38

Highest Channel / 1RB1

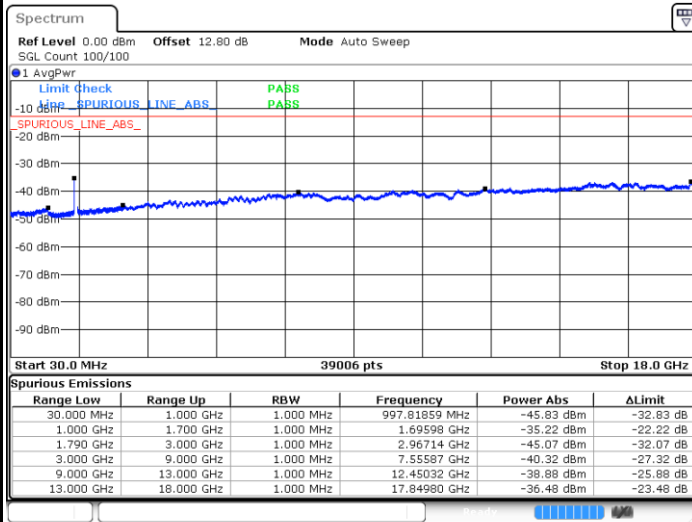


Date: 25 FEB 2020 05:23:24



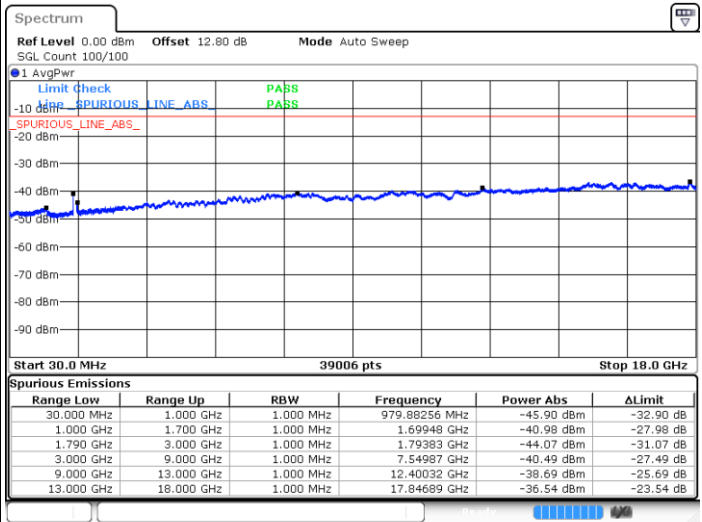
FR1 n66 / 10MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



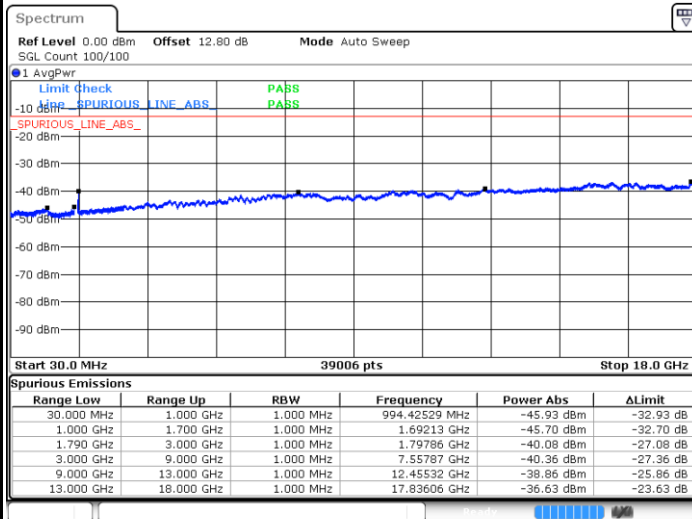
Date: 25 FEB 2020 05:06:57

Middle Channel / 1RB1



Date: 25 FEB 2020 05:19:39

Highest Channel / 1RB1

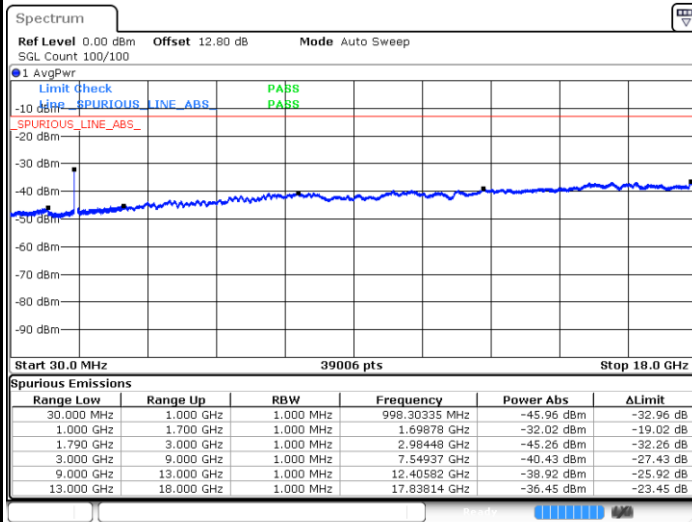


Date: 25 FEB 2020 05:27:46



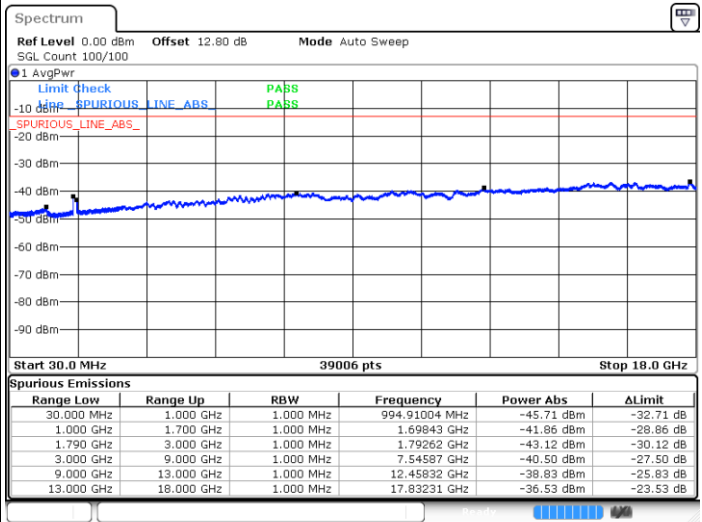
FR1 n66 / 10MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



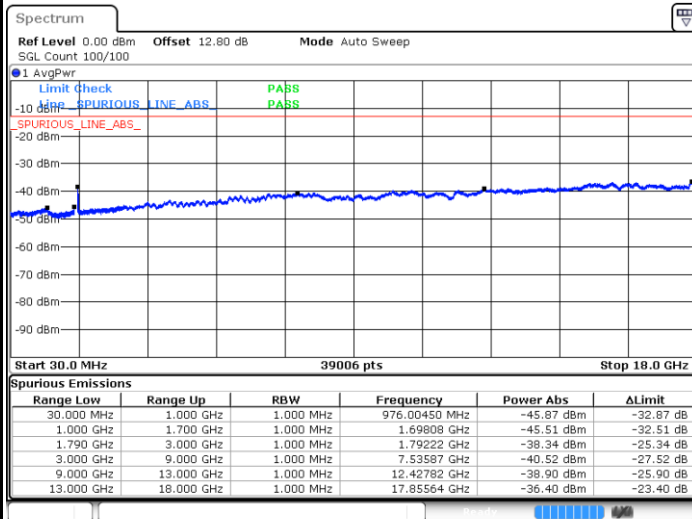
Date: 25 FEB 2020 05:07:56

Middle Channel / 1RB1



Date: 25 FEB 2020 05:20:24

Highest Channel / 1RB1

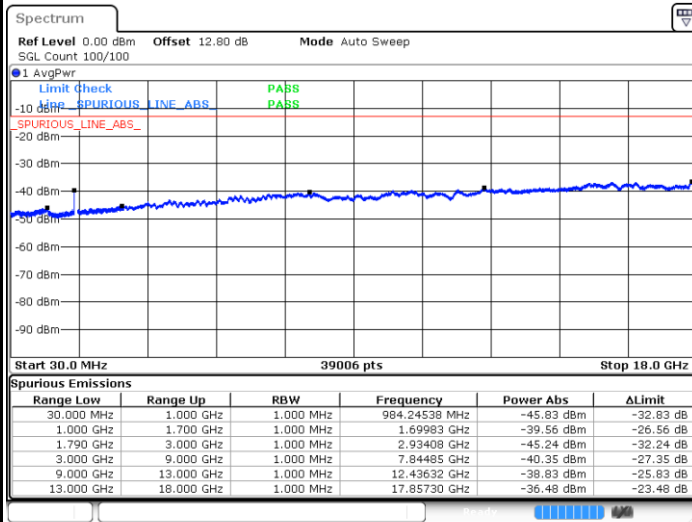


Date: 25 FEB 2020 05:28:34



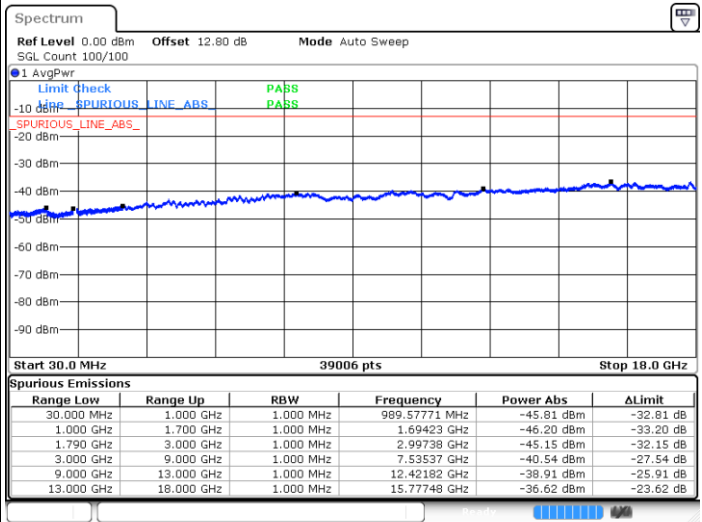
FR1 n66 / 10MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



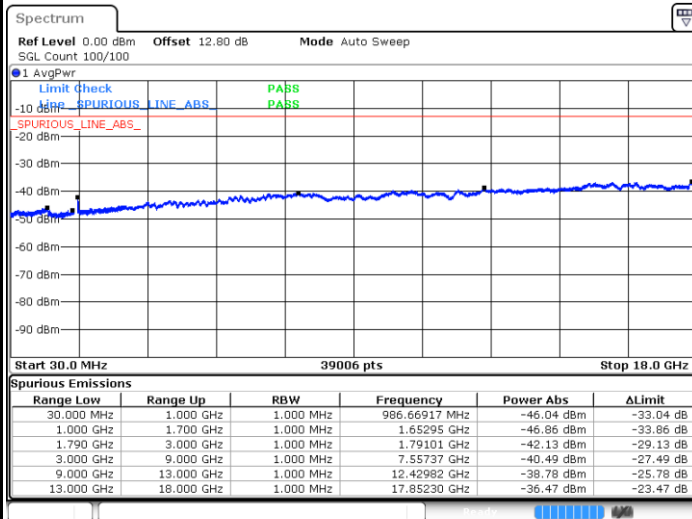
Date: 25 FEB 2020 05:10:25

Middle Channel / 1RB1



Date: 25 FEB 2020 05:21:08

Highest Channel / 1RB1



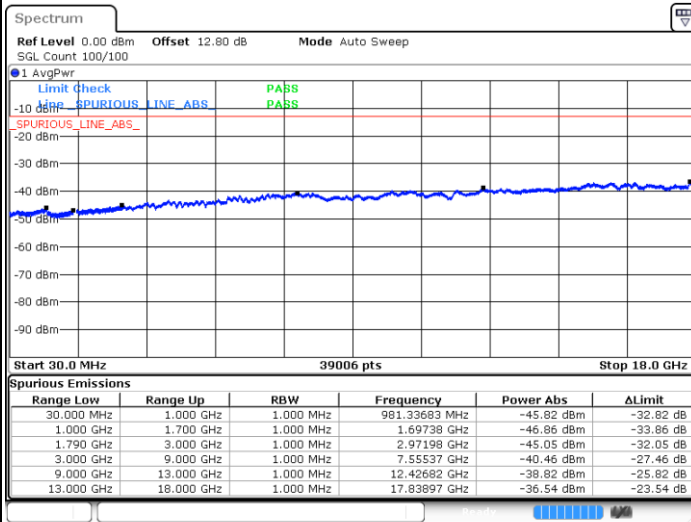
Date: 25 FEB 2020 05:29:40



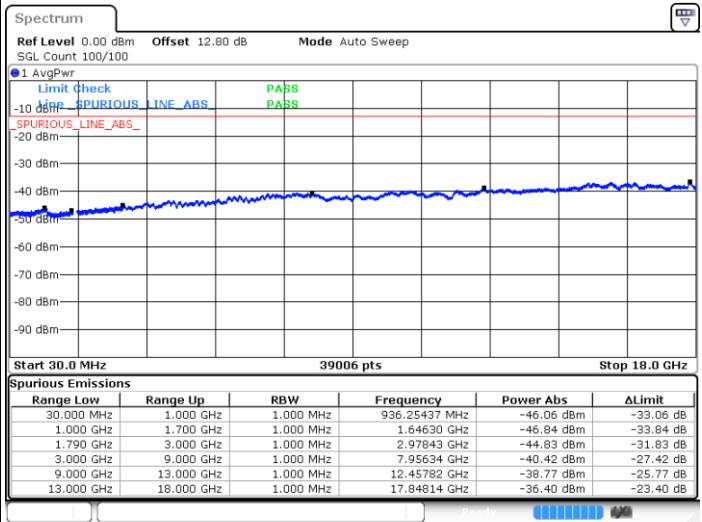
FR1 n66 / 10MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

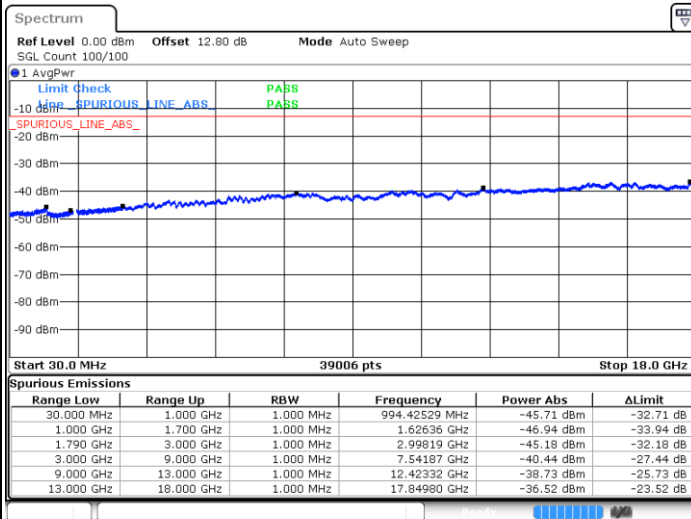


Date: 25 FEB 2020 05:11:22



Date: 25 FEB 2020 05:21:57

Highest Channel / 1RB1

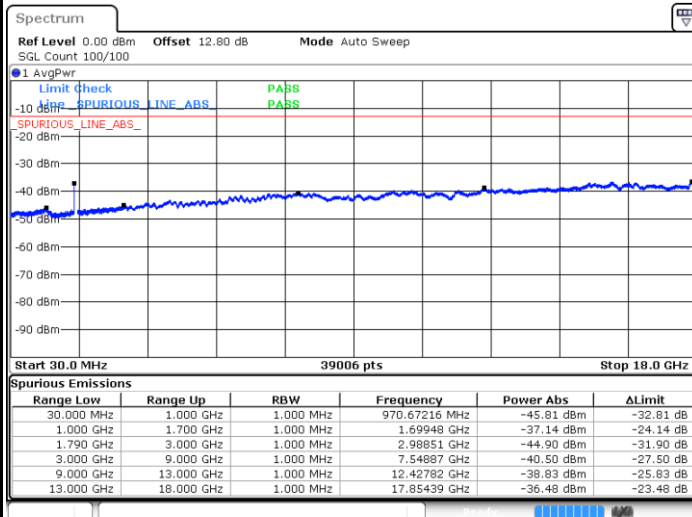


Date: 25 FEB 2020 05:30:24



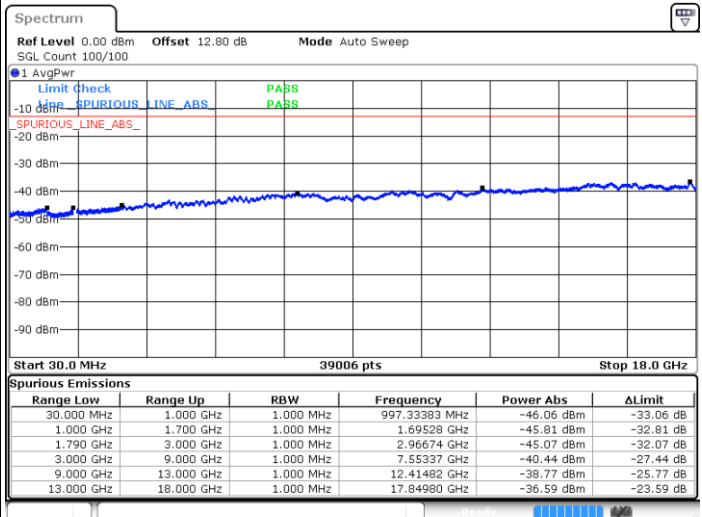
FR1 n66 / 15MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1



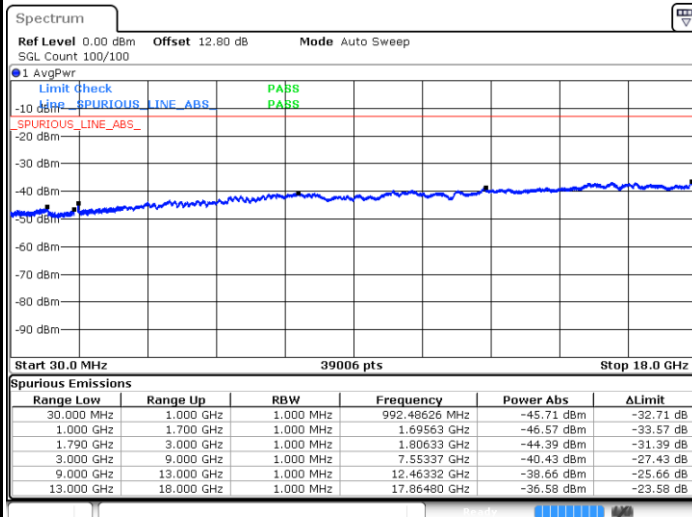
Date: 25 FEB 2020 05:43:47

Middle Channel / 1RB1



Date: 25 FEB 2020 05:54:57

Highest Channel / 1RB1

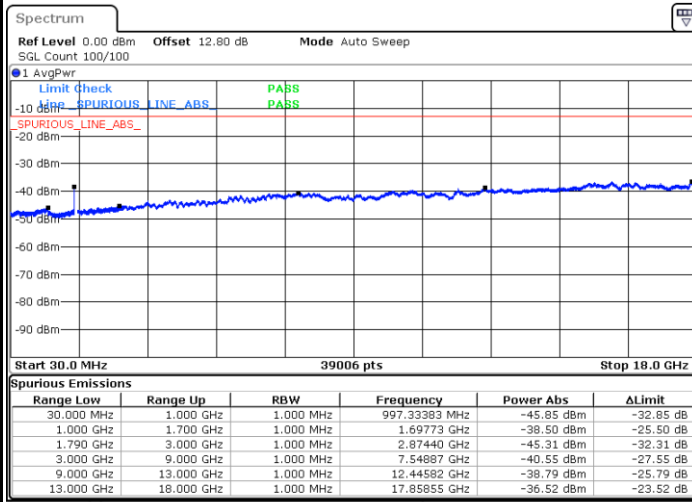


Date: 25 FEB 2020 06:03:40



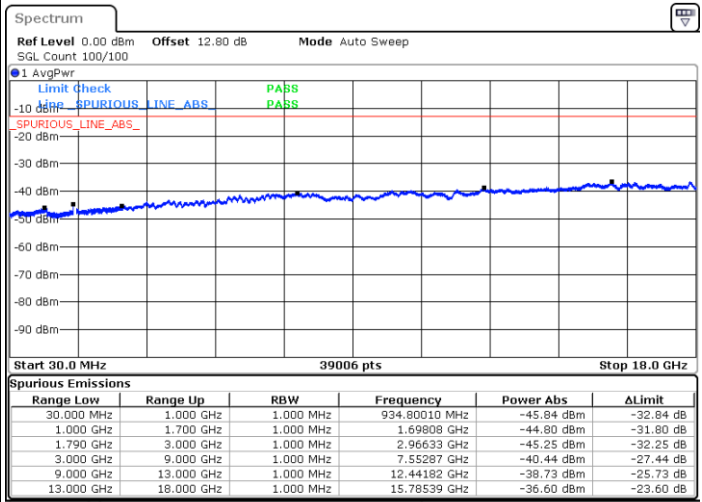
FR1 n66 / 15MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



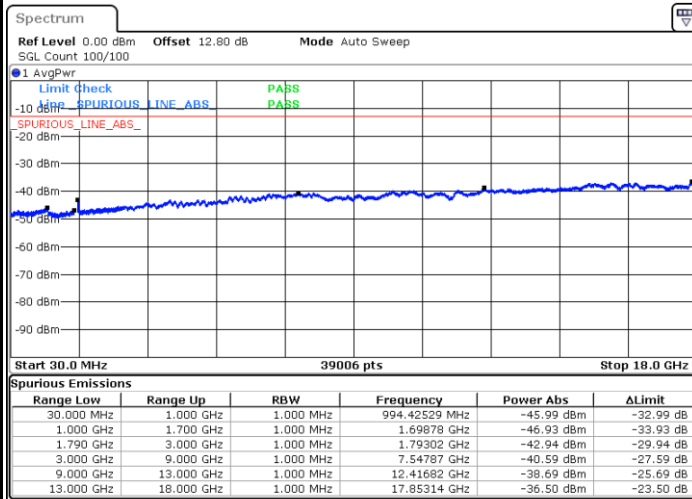
Date: 25 FEB 2020 05:50:02

Middle Channel / 1RB1



Date: 25 FEB 2020 05:58:03

Highest Channel / 1RB1

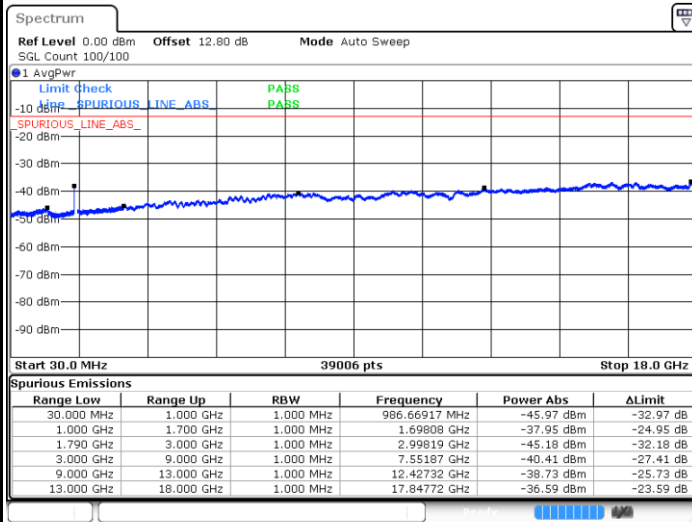


Date: 25 FEB 2020 06:18:31



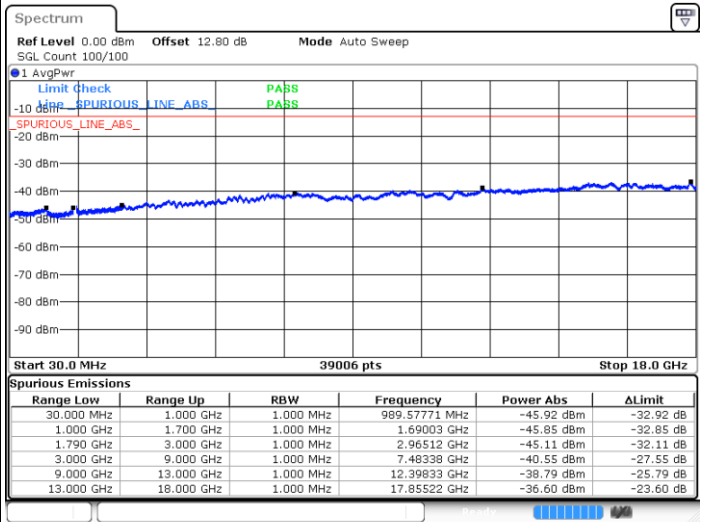
FR1 n66 / 15MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



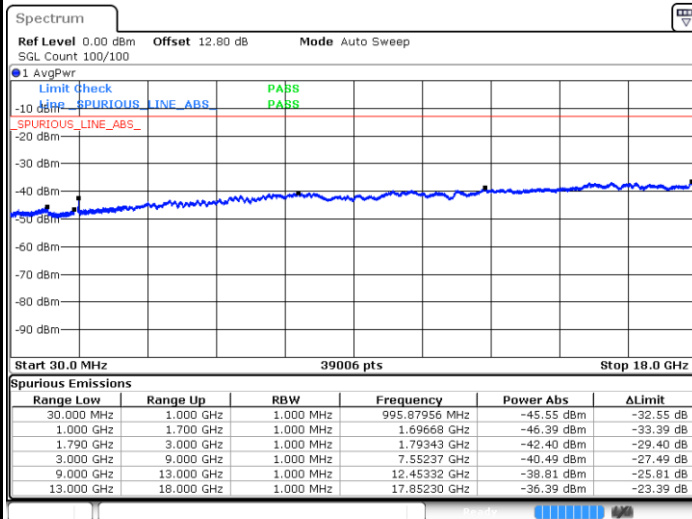
Date: 25 FEB 2020 05:50:58

Middle Channel / 1RB1



Date: 25 FEB 2020 05:58:49

Highest Channel / 1RB1



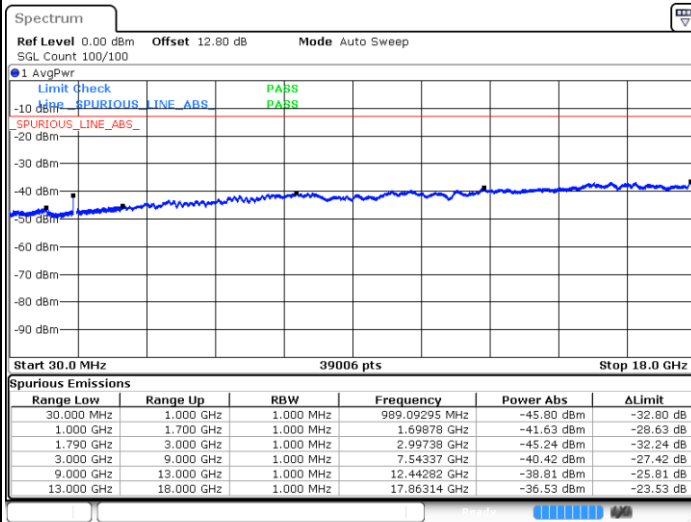
Date: 25 FEB 2020 06:19:20



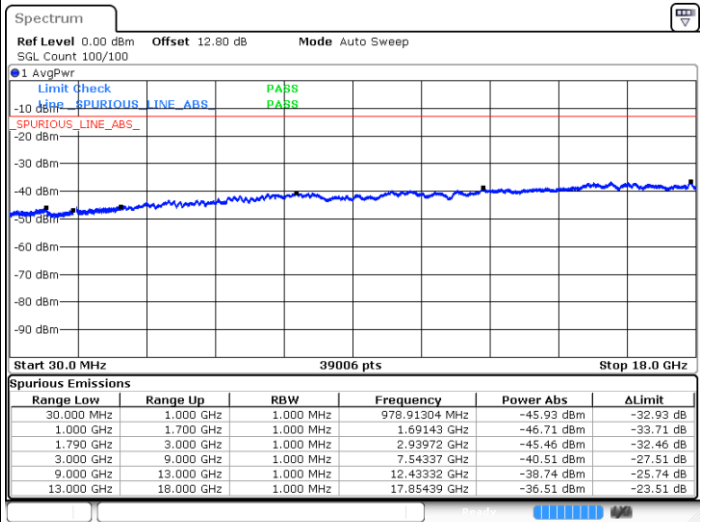
FR1 n66 / 15MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

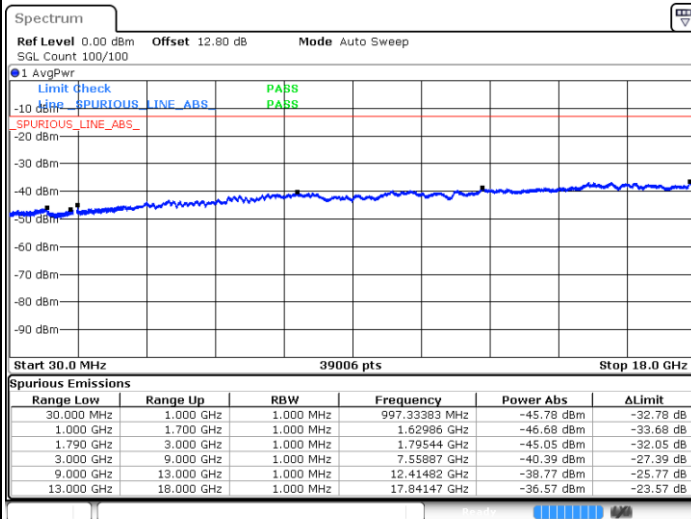


Date: 25 FEB 2020 05:51:54



Date: 25 FEB 2020 05:59:33

Highest Channel / 1RB1

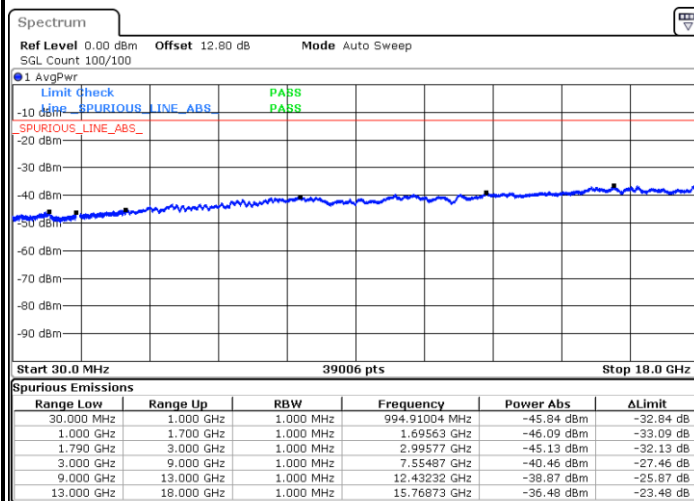


Date: 25 FEB 2020 06:20:04



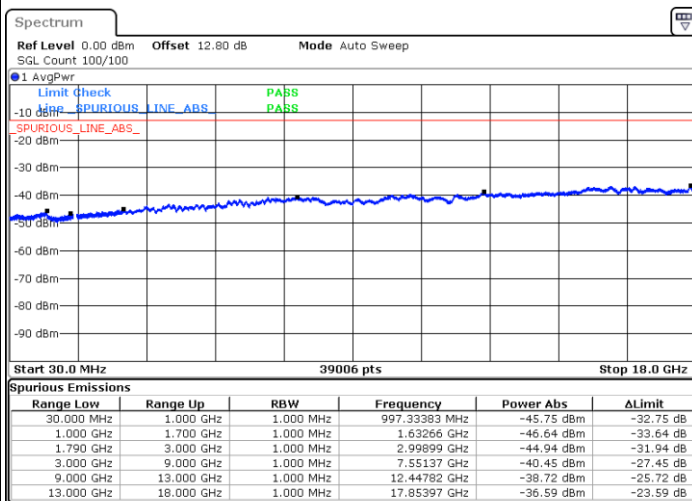
FR1 n66 / 15MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



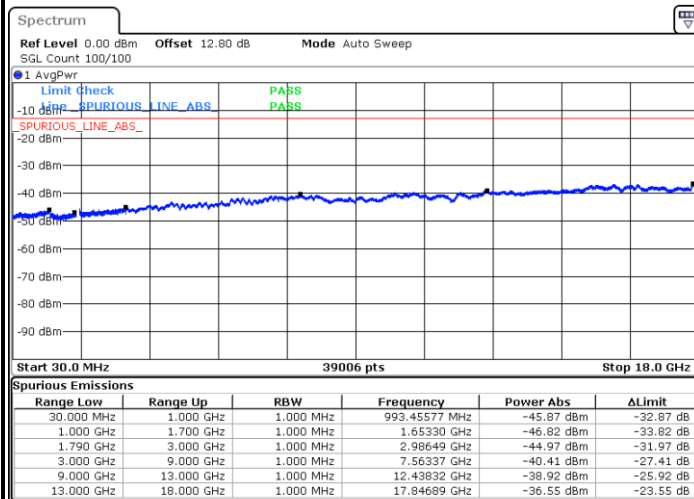
Date: 25 FEB 2020 05:52:52

Middle Channel / 1RB1



Date: 25 FEB 2020 06:00:19

Highest Channel / 1RB1



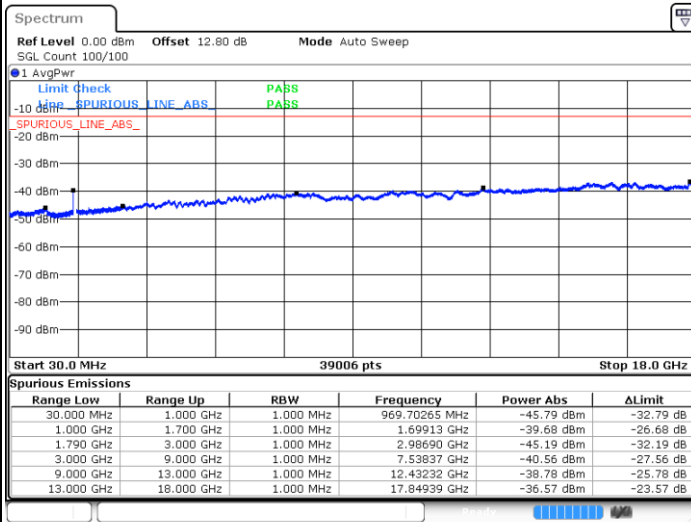
Date: 25 FEB 2020 06:20:48



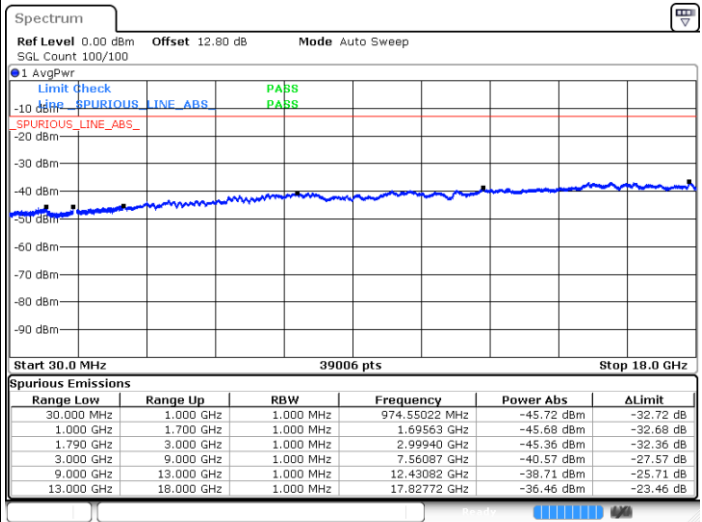
FR1 n66 / 20MHz / PI/2 BPSK / DFT-S OFDM

Lowest Channel / 1RB1

Middle Channel / 1RB1

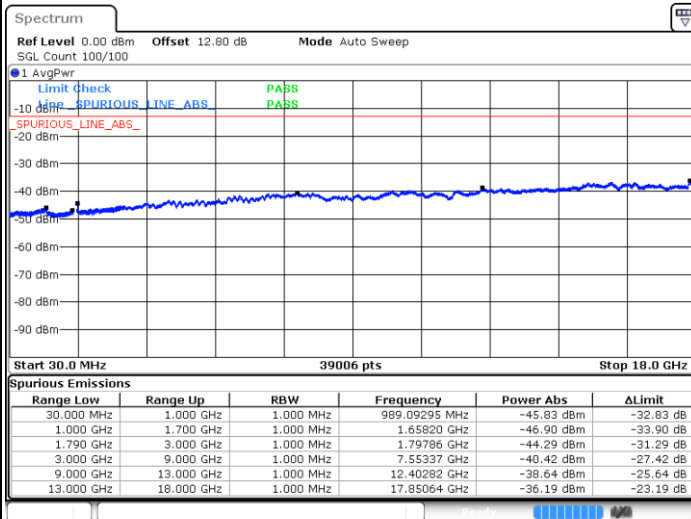


Date: 25 FEB 2020 06:38:10



Date: 25 FEB 2020 06:56:46

Highest Channel / 1RB1

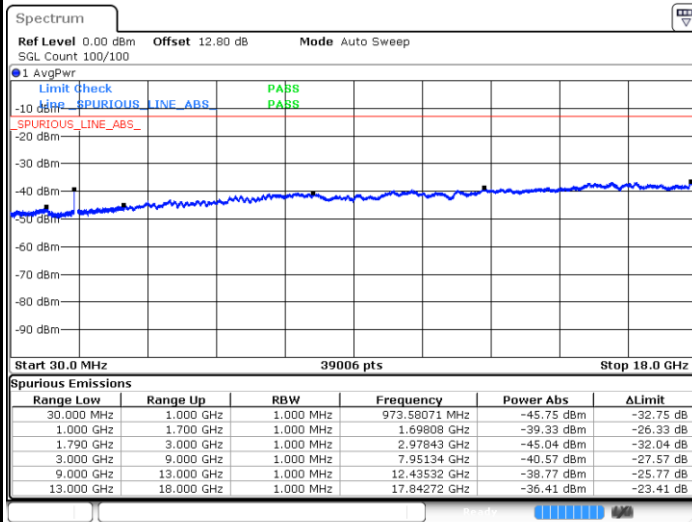


Date: 25 FEB 2020 07:13:44



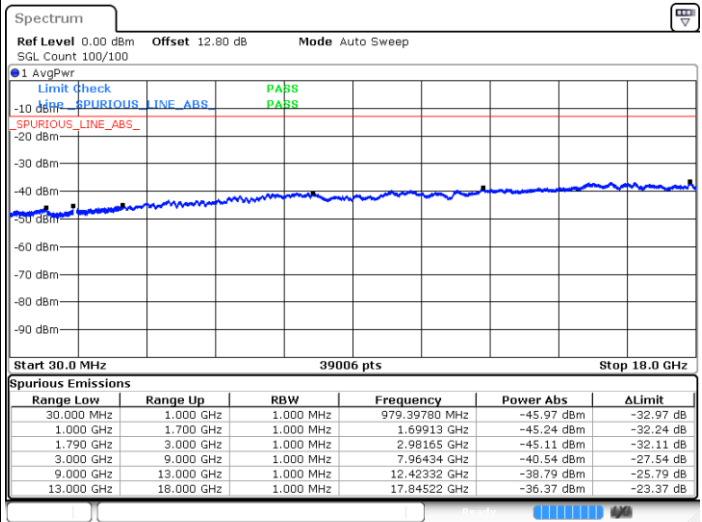
FR1 n66 / 20MHz / QPSK / DFT-S OFDM

Lowest Channel / 1RB1



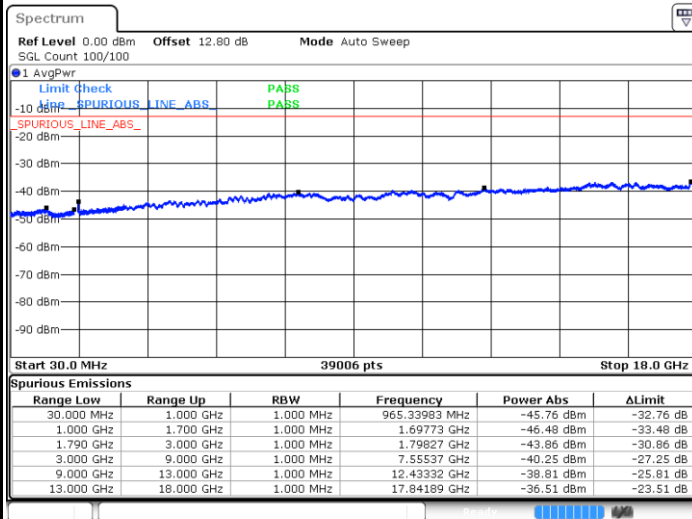
Date: 25 FEB 2020 06:50:04

Middle Channel / 1RB1



Date: 25 FEB 2020 07:07:29

Highest Channel / 1RB1

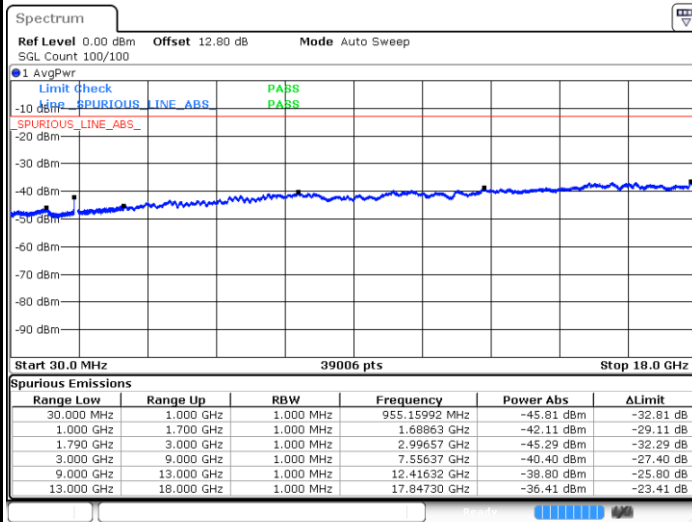


Date: 25 FEB 2020 07:20:48



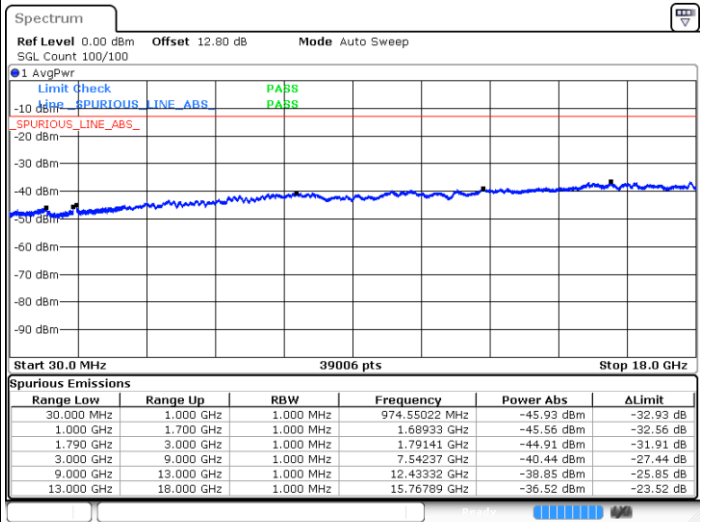
FR1 n66 / 20MHz / 16QAM / DFT-S OFDM

Lowest Channel / 1RB1



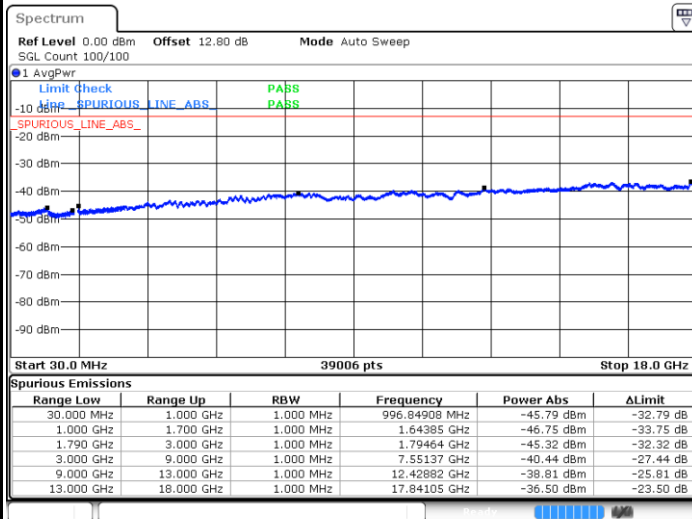
Date: 25 FEB 2020 06:51:20

Middle Channel / 1RB1



Date: 25 FEB 2020 07:08:17

Highest Channel / 1RB1

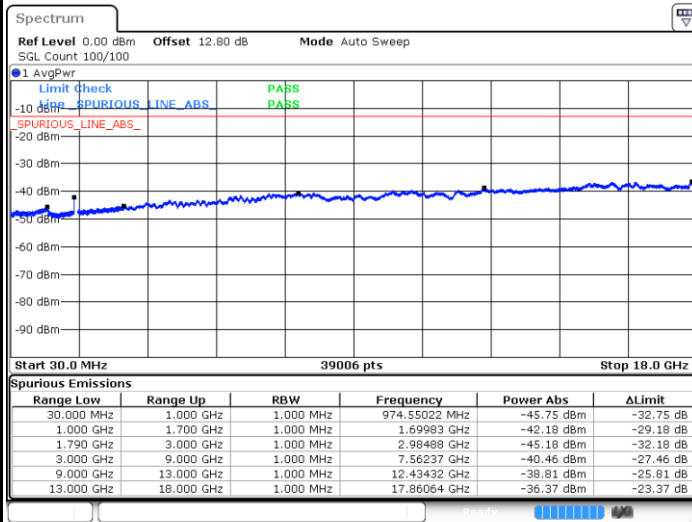


Date: 25 FEB 2020 07:21:32



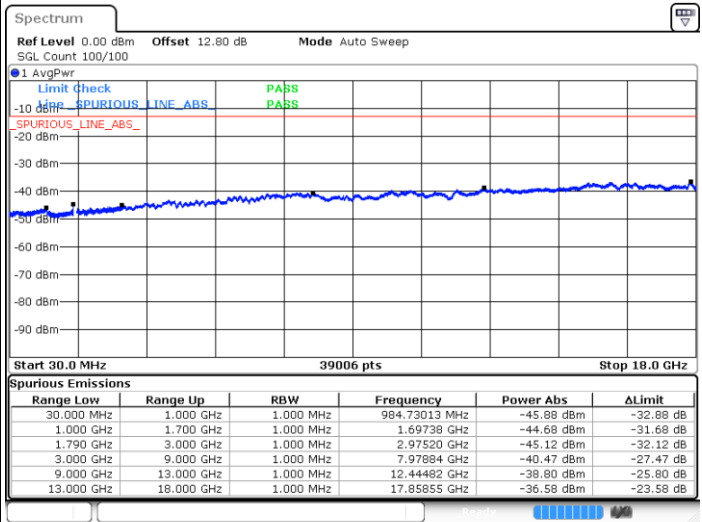
FR1 n66 / 20MHz / 64QAM / DFT-S OFDM

Lowest Channel / 1RB1



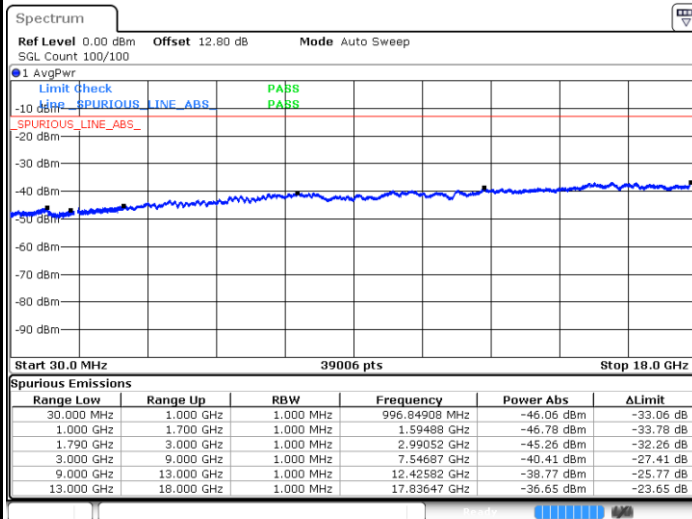
Date: 25 FEB 2020 06:52:15

Middle Channel / 1RB1



Date: 25 FEB 2020 07:09:01

Highest Channel / 1RB1

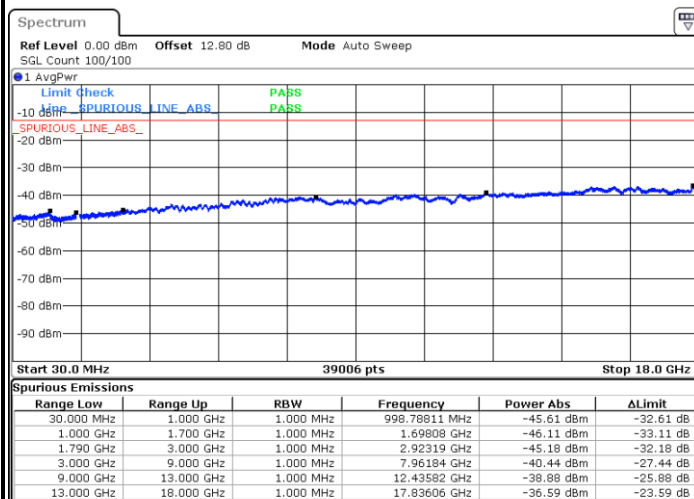


Date: 25 FEB 2020 07:22:14



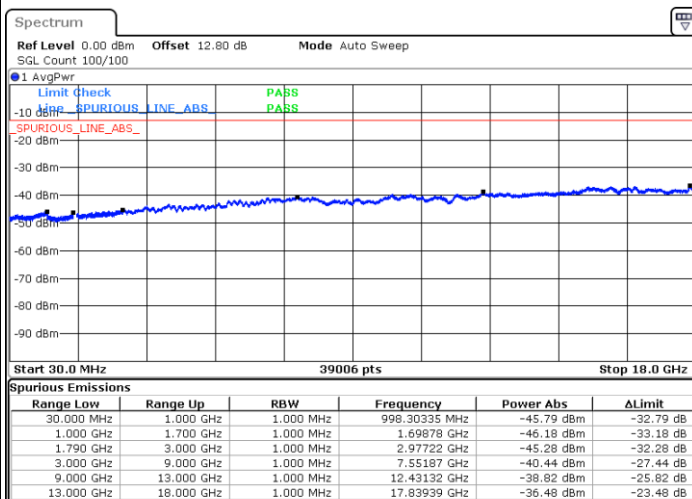
FR1 n66 / 20MHz / 256QAM / DFT-S OFDM

Lowest Channel / 1RB1



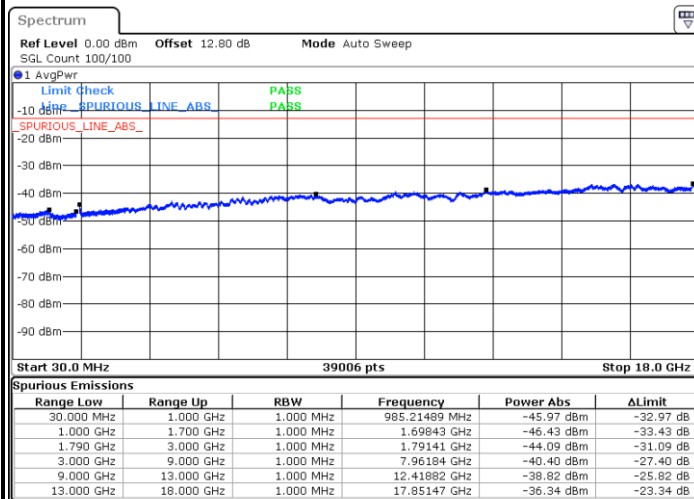
Date: 25 FEB 2020 06:53:12

Middle Channel / 1RB1



Date: 25 FEB 2020 07:09:51

Highest Channel / 1RB1



Date: 25 FEB 2020 07:22:54

Frequency Stability

Test Conditions		FR1 n66 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0091	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0074	
-10	Normal Voltage	0.0089	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0061	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

<For Upper Antenna>

LTE Band 2 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.34	0.1714	21.34	0.1361
Middle		1	3	22.40	0.1738	21.40	0.1380
Highest		1	3	22.43	0.1750	21.43	0.1390
Lowest	16QAM	1	3	21.65	0.1462	20.65	0.1161
Middle		1	3	21.79	0.1510	20.79	0.1199
Highest		1	3	21.74	0.1493	20.74	0.1186
Lowest	64QAM	1	3	20.60	0.1148	19.60	0.0912
Middle		1	3	20.65	0.1161	19.65	0.0923
Highest		1	3	20.67	0.1167	19.67	0.0927
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.48	0.1770	21.48	0.1406
Middle		1	8	22.51	0.1782	21.51	0.1416
Highest		1	8	22.56	0.1803	21.56	0.1432
Lowest	16QAM	1	8	21.76	0.1500	20.76	0.1191
Middle		1	8	21.87	0.1538	20.87	0.1222
Highest		1	8	21.86	0.1535	20.86	0.1219
Lowest	64QAM	1	8	20.70	0.1175	19.70	0.0933
Middle		1	8	20.77	0.1194	19.77	0.0948
Highest		1	8	20.80	0.1202	19.80	0.0955
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.57	0.1807	21.57	0.1435
Middle		1	12	22.57	0.1807	21.57	0.1435
Highest		1	12	22.59	0.1816	21.59	0.1442
Lowest	16QAM	1	12	21.85	0.1531	20.85	0.1216
Middle		1	12	21.85	0.1531	20.85	0.1216
Highest		1	12	21.93	0.1560	20.93	0.1239
Lowest	64QAM	1	12	20.78	0.1197	19.78	0.0951
Middle		1	12	20.78	0.1197	19.78	0.0951
Highest		1	12	20.86	0.1219	19.86	0.0968
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.73	0.1875	21.73	0.1489
Middle		1	25	22.66	0.1845	21.66	0.1466
Highest		1	25	22.68	0.1854	21.68	0.1472
Lowest	16QAM	1	25	22.04	0.1600	21.04	0.1271
Middle		1	25	22.18	0.1652	21.18	0.1312
Highest		1	25	22.05	0.1603	21.05	0.1274
Lowest	64QAM	1	25	20.91	0.1233	19.91	0.0979
Middle		1	25	21.12	0.1294	20.12	0.1028
Highest		1	25	21.02	0.1265	20.02	0.1005
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.68	0.1854	21.68	0.1472
Middle		1	37	22.70	0.1862	21.70	0.1479
Highest		1	37	22.63	0.1832	21.63	0.1455
Lowest	16QAM	1	74	21.94	0.1563	20.94	0.1242
Middle		1	74	22.02	0.1592	21.02	0.1265
Highest		1	74	22.05	0.1603	21.05	0.1274
Lowest	64QAM	1	0	20.64	0.1159	19.64	0.0920
Middle		1	0	20.92	0.1236	19.92	0.0982
Highest		1	0	20.79	0.1199	19.79	0.0953
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.68	0.1854	21.68	0.1472
Middle		1	0	22.73	0.1875	21.73	0.1489
Highest		1	0	22.74	0.1879	21.74	0.1493
Lowest	16QAM	1	99	21.98	0.1578	20.98	0.1253
Middle		1	99	22.06	0.1607	21.06	0.1276
Highest		1	99	22.07	0.1611	21.07	0.1279
Lowest	64QAM	1	99	20.92	0.1236	19.92	0.0982
Middle		1	99	20.95	0.1245	19.95	0.0989
Highest		1	99	20.97	0.1250	19.97	0.0993
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	23.02	0.2004	22.02	0.1592
Middle		1	5	22.79	0.1901	21.79	0.1510
Highest		1	5	22.92	0.1959	21.92	0.1556
Lowest	16QAM	1	0	22.41	0.1742	21.41	0.1384
Middle		1	0	22.05	0.1603	21.05	0.1274
Highest		1	0	22.08	0.1614	21.08	0.1282
Lowest	64QAM	1	0	21.29	0.1346	20.29	0.1069
Middle		1	0	20.96	0.1247	19.96	0.0991
Highest		1	0	21.04	0.1271	20.04	0.1009
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.04	0.2014	22.04	0.1600
Middle		1	0	22.72	0.1871	21.72	0.1486
Highest		1	0	22.74	0.1879	21.74	0.1493
Lowest	16QAM	1	8	22.36	0.1722	21.36	0.1368
Middle		1	8	22.15	0.1641	21.15	0.1303
Highest		1	8	22.15	0.1641	21.15	0.1303
Lowest	64QAM	1	14	21.25	0.1334	20.25	0.1059
Middle		1	14	21.01	0.1262	20.01	0.1002
Highest		1	14	21.07	0.1279	20.07	0.1016
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.09	0.2037	22.09	0.1618
Middle		1	12	22.86	0.1932	21.86	0.1535
Highest		1	12	22.91	0.1954	21.91	0.1552
Lowest	16QAM	1	24	22.42	0.1746	21.42	0.1387
Middle		1	24	22.25	0.1679	21.25	0.1334
Highest		1	24	22.24	0.1675	21.24	0.1330
Lowest	64QAM	1	24	21.31	0.1352	20.31	0.1074
Middle		1	24	21.11	0.1291	20.11	0.1026
Highest		1	24	21.14	0.1300	20.14	0.1033
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.01	0.2000	22.01	0.1589
Middle		1	25	22.81	0.1910	21.81	0.1517
Highest		1	25	22.82	0.1914	21.82	0.1521
Lowest	16QAM	1	25	22.39	0.1734	21.39	0.1377
Middle		1	25	22.18	0.1652	21.18	0.1312
Highest		1	25	22.23	0.1671	21.23	0.1327
Lowest	64QAM	1	25	21.35	0.1365	20.35	0.1084
Middle		1	25	21.18	0.1312	20.18	0.1042
Highest		1	25	21.15	0.1303	20.15	0.1035
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.28	0.2128	22.28	0.1690
Middle		1	37	23.06	0.2023	22.06	0.1607
Highest		1	37	23.10	0.2042	22.10	0.1622
Lowest	16QAM	1	37	22.59	0.1816	21.59	0.1442
Middle		1	37	22.43	0.1750	21.43	0.1390
Highest		1	37	22.46	0.1762	21.46	0.1400
Lowest	64QAM	1	37	21.57	0.1435	20.57	0.1140
Middle		1	37	21.35	0.1365	20.35	0.1084
Highest		1	37	21.38	0.1374	20.38	0.1091
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	22.32	0.1706
Middle		1	0	23.10	0.2042	22.10	0.1622
Highest		1	0	23.11	0.2046	22.11	0.1626
Lowest	16QAM	1	0	22.71	0.1866	21.71	0.1483
Middle		1	0	22.49	0.1774	21.49	0.1409
Highest		1	0	22.48	0.1770	21.48	0.1406
Lowest	64QAM	1	0	21.57	0.1435	20.57	0.1140
Middle		1	0	21.33	0.1358	20.33	0.1079
Highest		1	0	21.32	0.1355	20.32	0.1076
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.86	0.1932	21.86	0.1535
Middle		1	3	22.94	0.1968	21.94	0.1563
Highest		1	3	22.96	0.1977	21.96	0.1570
Lowest	16QAM	1	3	22.25	0.1679	21.25	0.1334
Middle		1	3	22.25	0.1679	21.25	0.1334
Highest		1	3	22.29	0.1694	21.29	0.1346
Lowest	64QAM	1	3	21.18	0.1312	20.18	0.1042
Middle		1	3	21.19	0.1315	20.19	0.1045
Highest		1	3	21.24	0.1330	20.24	0.1057
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.01	0.2000	22.01	0.1589
Middle		1	8	23.00	0.1995	22.00	0.1585
Highest		1	8	23.03	0.2009	22.03	0.1596
Lowest	16QAM	1	0	22.18	0.1652	21.18	0.1312
Middle		1	0	22.27	0.1687	21.27	0.1340
Highest		1	0	22.27	0.1687	21.27	0.1340
Lowest	64QAM	1	8	21.29	0.1346	20.29	0.1069
Middle		1	8	21.30	0.1349	20.30	0.1072
Highest		1	8	21.30	0.1349	20.30	0.1072
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.88	0.1941	21.88	0.1542
Middle		1	12	22.89	0.1945	21.89	0.1545
Highest		1	12	22.89	0.1945	21.89	0.1545
Lowest	16QAM	1	12	22.17	0.1648	21.17	0.1309
Middle		1	12	22.23	0.1671	21.23	0.1327
Highest		1	12	22.20	0.1660	21.20	0.1318
Lowest	64QAM	1	12	21.10	0.1288	20.10	0.1023
Middle		1	12	21.16	0.1306	20.16	0.1038
Highest		1	12	21.11	0.1291	20.11	0.1026
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.82	0.1914	21.82	0.1521
Middle		1	25	22.84	0.1923	21.84	0.1528
Highest		1	25	22.87	0.1936	21.87	0.1538
Lowest	16QAM	1	25	22.19	0.1656	21.19	0.1315
Middle		1	25	22.26	0.1683	21.26	0.1337
Highest		1	25	22.27	0.1687	21.27	0.1340
Lowest	64QAM	1	25	21.15	0.1303	20.15	0.1035
Middle		1	25	21.19	0.1315	20.19	0.1045
Highest		1	25	21.17	0.1309	20.17	0.1040
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.99	0.1991	21.99	0.1581
Middle		1	37	23.02	0.2004	22.02	0.1592
Highest		1	37	23.02	0.2004	22.02	0.1592
Lowest	16QAM	1	37	22.22	0.1667	21.22	0.1324
Middle		1	37	22.23	0.1671	21.23	0.1327
Highest		1	37	22.29	0.1694	21.29	0.1346
Lowest	64QAM	1	37	21.23	0.1327	20.23	0.1054
Middle		1	37	21.29	0.1346	20.29	0.1069
Highest		1	37	21.29	0.1346	20.29	0.1069
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.99	0.1991	21.99	0.1581
Middle		1	49	23.03	0.2009	22.03	0.1596
Highest		1	49	23.04	0.2014	22.04	0.1600
Lowest	16QAM	1	49	22.27	0.1687	21.27	0.1340
Middle		1	49	22.24	0.1675	21.24	0.1330
Highest		1	49	22.21	0.1663	21.21	0.1321
Lowest	64QAM	1	49	21.23	0.1327	20.23	0.1054
Middle		1	49	21.25	0.1334	20.25	0.1059
Highest		1	49	21.29	0.1346	20.29	0.1069
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.97	0.2495	13.32	0.0215
Middle		3	1	23.88	0.2443	13.23	0.0210
Highest		3	1	23.74	0.2366	13.09	0.0204
Lowest	16QAM	1	3	23.28	0.2128	12.63	0.0183
Middle		1	3	23.28	0.2128	12.63	0.0183
Highest		1	3	23.18	0.2080	12.53	0.0179
Lowest	64QAM	1	3	21.51	0.1416	10.86	0.0122
Middle		1	3	22.19	0.1656	11.54	0.0143
Highest		1	3	22.10	0.1622	11.45	0.0140
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.98	0.2500	13.33	0.0215
Middle		1	8	23.96	0.2489	13.31	0.0214
Highest		1	8	23.94	0.2477	13.29	0.0213
Lowest	16QAM	1	8	23.37	0.2173	12.72	0.0187
Middle		1	8	23.33	0.2153	12.68	0.0185
Highest		1	8	23.27	0.2123	12.62	0.0183
Lowest	64QAM	1	8	21.77	0.1503	11.12	0.0129
Middle		1	8	22.25	0.1679	11.60	0.0145
Highest		1	8	21.95	0.1567	11.30	0.0135
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.97	0.2495	13.32	0.0215
Middle		1	12	23.97	0.2495	13.32	0.0215
Highest		1	12	23.93	0.2472	13.28	0.0213
Lowest	16QAM	1	12	23.28	0.2128	12.63	0.0183
Middle		1	12	23.29	0.2133	12.64	0.0184
Highest		1	12	23.23	0.2104	12.58	0.0181
Lowest	64QAM	1	12	21.81	0.1517	11.16	0.0131
Middle		1	12	22.20	0.1660	11.55	0.0143
Highest		1	12	21.74	0.1493	11.09	0.0129
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.99	0.2506	13.34	0.0216
Middle		1	0	23.90	0.2455	13.25	0.0211
Highest		1	0	23.94	0.2477	13.29	0.0213
Lowest	16QAM	1	0	23.38	0.2178	12.73	0.0187
Middle		1	0	23.28	0.2128	12.63	0.0183
Highest		1	0	23.29	0.2133	12.64	0.0184
Lowest	64QAM	1	49	22.22	0.1667	11.57	0.0144
Middle		1	49	22.16	0.1644	11.51	0.0142
Highest		1	49	21.58	0.1439	10.93	0.0124
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	22.07	0.1611	21.07	0.1279
Middle		12	7	22.07	0.1611	21.07	0.1279
Highest		12	7	22.11	0.1626	21.11	0.1291
Lowest	16QAM	1	24	22.36	0.1722	21.36	0.1368
Middle		1	24	22.36	0.1722	21.36	0.1368
Highest		1	24	22.37	0.1726	21.37	0.1371
Lowest	64QAM	1	24	21.26	0.1337	20.26	0.1062
Middle		1	24	21.28	0.1343	20.28	0.1067
Highest		1	24	21.24	0.1330	20.24	0.1057
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	22.08	0.1614	21.08	0.1282
Middle		25	25	22.11	0.1626	21.11	0.1291
Highest		25	25	22.10	0.1622	21.10	0.1288
Lowest	16QAM	1	49	22.39	0.1734	21.39	0.1377
Middle		1	49	22.41	0.1742	21.41	0.1384
Highest		1	49	22.44	0.1754	21.44	0.1393
Lowest	64QAM	1	49	21.27	0.1340	20.27	0.1064
Middle		1	49	21.33	0.1358	20.33	0.1079
Highest		1	49	21.29	0.1346	20.29	0.1069
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	39	22.29	0.1694	21.29	0.1346
Middle		36	39	22.29	0.1694	21.29	0.1346
Highest		36	39	22.34	0.1714	21.34	0.1361
Lowest	16QAM	1	74	22.57	0.1807	21.57	0.1435
Middle		1	74	22.55	0.1799	21.55	0.1429
Highest		1	74	22.57	0.1807	21.57	0.1435
Lowest	64QAM	1	74	21.48	0.1406	20.48	0.1117
Middle		1	74	21.43	0.1390	20.43	0.1104
Highest		1	74	21.46	0.1400	20.46	0.1112
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	50	22.31	0.1702	21.31	0.1352
Middle		50	50	22.31	0.1702	21.31	0.1352
Highest		50	50	22.33	0.1710	21.33	0.1358
Lowest	16QAM	1	99	22.59	0.1816	21.59	0.1442
Middle		1	99	22.56	0.1803	21.56	0.1432
Highest		1	99	22.58	0.1811	21.58	0.1439
Lowest	64QAM	1	99	21.53	0.1422	20.53	0.1130
Middle		1	99	21.47	0.1403	20.47	0.1114
Highest		1	99	21.49	0.1409	20.49	0.1119
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -11 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.07	0.2028	9.92	0.0098
Middle		3	1	23.00	0.1995	9.85	0.0097
Highest		3	1	22.94	0.1968	9.79	0.0095
Lowest	16QAM	1	3	22.45	0.1758	9.30	0.0085
Middle		1	3	22.40	0.1738	9.25	0.0084
Highest		1	3	22.27	0.1687	9.12	0.0082
Lowest	64QAM	1	3	21.38	0.1374	8.23	0.0067
Middle		1	3	21.31	0.1352	8.16	0.0065
Highest		1	3	21.19	0.1315	8.04	0.0064
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -11 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.06	0.2023	9.91	0.0098
Middle		1	8	23.07	0.2028	9.92	0.0098
Highest		1	8	23.07	0.2028	9.92	0.0098
Lowest	16QAM	1	8	22.50	0.1778	9.35	0.0086
Middle		1	8	22.49	0.1774	9.34	0.0086
Highest		1	8	22.43	0.1750	9.28	0.0085
Lowest	64QAM	1	8	21.46	0.1400	8.31	0.0068
Middle		1	8	21.39	0.1377	8.24	0.0067
Highest		1	8	21.28	0.1343	8.13	0.0065
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -11 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.06	0.2023	9.91	0.0098
Middle		1	12	23.02	0.2004	9.87	0.0097
Highest		1	12	23.03	0.2009	9.88	0.0097
Lowest	16QAM	1	24	22.46	0.1762	9.31	0.0085
Middle		1	24	22.38	0.1730	9.23	0.0084
Highest		1	24	22.36	0.1722	9.21	0.0083
Lowest	64QAM	1	24	21.34	0.1361	8.19	0.0066
Middle		1	24	21.36	0.1368	8.21	0.0066
Highest		1	24	21.20	0.1318	8.05	0.0064
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -11 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.08	0.2032	9.93	0.0098
Middle		1	0	23.04	0.2014	9.89	0.0097
Highest		1	0	23.04	0.2014	9.89	0.0097
Lowest	16QAM	1	0	22.45	0.1758	9.30	0.0085
Middle		1	0	22.38	0.1730	9.23	0.0084
Highest		1	0	22.36	0.1722	9.21	0.0083
Lowest	64QAM	1	25	21.39	0.1377	8.24	0.0067
Middle		1	25	21.34	0.1361	8.19	0.0066
Highest		1	25	21.31	0.1352	8.16	0.0065
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.89	0.2449	12.74	0.0188
Middle		1	0	23.81	0.2404	12.66	0.0185
Highest		1	0	23.85	0.2427	12.70	0.0186
Lowest	16QAM	1	0	23.20	0.2089	12.05	0.0160
Middle		1	0	23.23	0.2104	12.08	0.0161
Highest		1	0	23.30	0.2138	12.15	0.0164
Lowest	64QAM	1	24	22.27	0.1687	11.12	0.0129
Middle		1	24	22.20	0.1660	11.05	0.0127
Highest		1	24	22.13	0.1633	10.98	0.0125
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.91	0.2460	12.76	0.0189
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	23.35	0.2163	12.20	0.0166
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.21	0.1663	11.06	0.0128
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -10 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.07	0.2028	10.92	0.0124
Middle		1	12	23.06	0.2023	10.91	0.0123
Highest		1	12	23.00	0.1995	10.85	0.0122
Lowest	16QAM	1	12	22.36	0.1722	10.21	0.0105
Middle		1	12	22.42	0.1746	10.27	0.0106
Highest		1	12	22.34	0.1714	10.19	0.0104
Lowest	64QAM	1	24	21.36	0.1368	9.21	0.0083
Middle		1	24	21.39	0.1377	9.24	0.0084
Highest		1	24	21.19	0.1315	9.04	0.0080
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -10 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.08	0.2032	10.93	0.0124
Middle		1	0	22.99	0.1991	10.84	0.0121
Highest		1	0	22.95	0.1972	10.80	0.0120
Lowest	16QAM	1	49	22.44	0.1754	10.29	0.0107
Middle		1	49	22.42	0.1746	10.27	0.0106
Highest		1	49	22.36	0.1722	10.21	0.0105
Lowest	64QAM	1	25	21.31	0.1352	9.16	0.0082
Middle		1	25	21.32	0.1355	9.17	0.0083
Highest		1	25	21.30	0.1349	9.15	0.0082
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	22.08	0.1614
Middle		1	0	23.05	0.2018	22.05	0.1603
Highest		1	0	23.10	0.2042	22.10	0.1622
Lowest	16QAM	1	12	22.39	0.1734	21.39	0.1377
Middle		1	12	22.43	0.1750	21.43	0.1390
Highest		1	12	22.32	0.1706	21.32	0.1355
Lowest	64QAM	1	24	21.10	0.1288	20.10	0.1023
Middle		1	24	21.08	0.1282	20.08	0.1019
Highest		1	24	20.94	0.1242	19.94	0.0986
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	22.11	0.1626
Middle		1	0	22.83	0.1919	21.83	0.1524
Highest		1	0	22.80	0.1905	21.80	0.1514
Lowest	16QAM	1	0	22.51	0.1782	21.51	0.1416
Middle		1	0	22.23	0.1671	21.23	0.1327
Highest		1	0	22.11	0.1626	21.11	0.1291
Lowest	64QAM	1	25	21.44	0.1393	20.44	0.1107
Middle		1	25	21.47	0.1403	20.47	0.1114
Highest		1	25	21.32	0.1355	20.32	0.1076
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.94	0.1968	21.94	0.1563
Middle		1	37	22.99	0.1991	21.99	0.1581
Highest		1	37	22.82	0.1914	21.82	0.1521
Lowest	16QAM	1	74	22.11	0.1626	21.11	0.1291
Middle		1	74	21.99	0.1581	20.99	0.1256
Highest		1	74	21.93	0.1560	20.93	0.1239
Lowest	64QAM	1	74	20.88	0.1225	19.88	0.0973
Middle		1	74	20.71	0.1178	19.71	0.0935
Highest		1	74	20.65	0.1161	19.65	0.0923
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.07	0.2028	22.07	0.1611
Middle		1	49	23.14	0.2061	22.14	0.1637
Highest		1	49	22.98	0.1986	21.98	0.1578
Lowest	16QAM	1	49	22.07	0.1611	21.07	0.1279
Middle		1	49	22.13	0.1633	21.13	0.1297
Highest		1	49	21.95	0.1567	20.95	0.1245
Lowest	64QAM	1	49	20.79	0.1199	19.79	0.0953
Middle		1	49	20.87	0.1222	19.87	0.0971
Highest		1	49	20.74	0.1186	19.74	0.0942
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.96	0.1977	13.81	0.0240
Middle		3	1	22.83	0.1919	13.68	0.0233
Highest		3	1	22.81	0.1910	13.66	0.0232
Lowest	16QAM	1	3	22.25	0.1679	13.10	0.0204
Middle		1	3	22.25	0.1679	13.10	0.0204
Highest		1	3	22.14	0.1637	12.99	0.0199
Lowest	64QAM	1	3	21.18	0.1312	12.03	0.0160
Middle		1	3	21.17	0.1309	12.02	0.0159
Highest		1	3	21.05	0.1274	11.90	0.0155
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.97	0.1982	13.82	0.0241
Middle		1	8	22.96	0.1977	13.81	0.0240
Highest		1	8	22.86	0.1932	13.71	0.0235
Lowest	16QAM	1	8	22.33	0.1710	13.18	0.0208
Middle		1	8	22.36	0.1722	13.21	0.0209
Highest		1	8	22.22	0.1667	13.07	0.0203
Lowest	64QAM	1	8	21.26	0.1337	12.11	0.0163
Middle		1	8	21.24	0.1330	12.09	0.0162
Highest		1	8	21.17	0.1309	12.02	0.0159
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.94	0.1968	13.79	0.0239
Middle		1	12	22.90	0.1950	13.75	0.0237
Highest		1	12	22.88	0.1941	13.73	0.0236
Lowest	16QAM	1	12	22.25	0.1679	13.10	0.0204
Middle		1	12	22.25	0.1679	13.10	0.0204
Highest		1	12	22.23	0.1671	13.08	0.0203
Lowest	64QAM	1	12	21.16	0.1306	12.01	0.0159
Middle		1	12	21.22	0.1324	12.07	0.0161
Highest		1	12	21.10	0.1288	11.95	0.0157
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.93	0.1963	13.78	0.0239
Middle		1	0	22.85	0.1928	13.70	0.0234
Highest		1	0	22.88	0.1941	13.73	0.0236
Lowest	16QAM	1	0	22.30	0.1698	13.15	0.0207
Middle		1	0	22.24	0.1675	13.09	0.0204
Highest		1	0	22.23	0.1671	13.08	0.0203
Lowest	64QAM	1	25	21.17	0.1309	12.02	0.0159
Middle		1	25	21.19	0.1315	12.04	0.0160
Highest		1	25	21.16	0.1306	12.01	0.0159
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.01	0.2000	13.86	0.0243
Middle		1	0	22.99	0.1991	13.84	0.0242
Highest		1	0	22.98	0.1986	13.83	0.0242
Lowest	16QAM	1	0	22.39	0.1734	13.24	0.0211
Middle		1	0	22.35	0.1718	13.20	0.0209
Highest		1	0	22.32	0.1706	13.17	0.0207
Lowest	64QAM	1	37	21.18	0.1312	12.03	0.0160
Middle		1	37	21.30	0.1349	12.15	0.0164
Highest		1	37	21.18	0.1312	12.03	0.0160
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.10	0.2042	22.10	0.1622
Middle		1	12	23.11	0.2046	22.11	0.1626
Highest		1	12	23.07	0.2028	22.07	0.1611
Lowest	16QAM	1	12	22.33	0.1710	21.33	0.1358
Middle		1	12	22.43	0.1750	21.43	0.1390
Highest		1	12	22.38	0.1730	21.38	0.1374
Lowest	64QAM	1	12	21.00	0.1259	20.00	0.1000
Middle		1	12	21.10	0.1288	20.10	0.1023
Highest		1	12	21.06	0.1276	20.06	0.1014
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.83	0.1919	21.83	0.1524
Middle		1	49	23.11	0.2046	22.11	0.1626
Highest		1	49	23.10	0.2042	22.10	0.1622
Lowest	16QAM	1	49	22.09	0.1618	21.09	0.1285
Middle		1	49	22.54	0.1795	21.54	0.1426
Highest		1	49	22.50	0.1778	21.50	0.1413
Lowest	64QAM	1	25	21.28	0.1343	20.28	0.1067
Middle		1	25	21.50	0.1413	20.50	0.1122
Highest		1	25	21.46	0.1400	20.46	0.1112
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.97	0.1982	21.97	0.1574
Middle		1	37	23.01	0.2000	22.01	0.1589
Highest		1	37	22.95	0.1972	21.95	0.1567
Lowest	16QAM	1	74	22.15	0.1641	21.15	0.1303
Middle		1	74	22.19	0.1656	21.19	0.1315
Highest		1	74	22.16	0.1644	21.16	0.1306
Lowest	64QAM	1	74	20.89	0.1227	19.89	0.0975
Middle		1	74	20.91	0.1233	19.91	0.0979
Highest		1	74	20.90	0.1230	19.90	0.0977
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.05	0.2018	22.05	0.1603
Middle		1	49	23.12	0.2051	22.12	0.1629
Highest		1	49	23.02	0.2004	22.02	0.1592
Lowest	16QAM	1	99	22.17	0.1648	21.17	0.1309
Middle		1	99	22.19	0.1656	21.19	0.1315
Highest		1	99	22.15	0.1641	21.15	0.1303
Lowest	64QAM	1	99	20.88	0.1225	19.88	0.0973
Middle		1	99	20.99	0.1256	19.99	0.0998
Highest		1	99	20.94	0.1242	19.94	0.0986
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.86	0.1932	21.86	0.1535
Middle		3	1	22.88	0.1941	21.88	0.1542
Highest		3	1	22.79	0.1901	21.79	0.1510
Lowest	16QAM	1	3	22.19	0.1656	21.19	0.1315
Middle		1	3	22.23	0.1671	21.23	0.1327
Highest		1	3	22.20	0.1660	21.20	0.1318
Lowest	64QAM	1	3	21.11	0.1291	20.11	0.1026
Middle		1	3	21.13	0.1297	20.13	0.1030
Highest		1	3	21.11	0.1291	20.11	0.1026
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.95	0.1972	21.95	0.1567
Middle		1	8	22.94	0.1968	21.94	0.1563
Highest		1	8	22.87	0.1936	21.87	0.1538
Lowest	16QAM	1	8	22.30	0.1698	21.30	0.1349
Middle		1	8	22.26	0.1683	21.26	0.1337
Highest		1	8	22.19	0.1656	21.19	0.1315
Lowest	64QAM	1	8	21.19	0.1315	20.19	0.1045
Middle		1	8	21.22	0.1324	20.22	0.1052
Highest		1	8	21.16	0.1306	20.16	0.1038
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.83	0.1919	21.83	0.1524
Middle		1	12	22.83	0.1919	21.83	0.1524
Highest		1	12	22.80	0.1905	21.80	0.1514
Lowest	16QAM	1	12	22.14	0.1637	21.14	0.1300
Middle		1	12	22.13	0.1633	21.13	0.1297
Highest		1	12	22.11	0.1626	21.11	0.1291
Lowest	64QAM	1	0	21.08	0.1282	20.08	0.1019
Middle		1	0	21.01	0.1262	20.01	0.1002
Highest		1	0	20.99	0.1256	19.99	0.0998
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.76	0.1888	21.76	0.1500
Middle		1	25	22.79	0.1901	21.79	0.1510
Highest		1	25	22.73	0.1875	21.73	0.1489
Lowest	16QAM	1	25	22.15	0.1641	21.15	0.1303
Middle		1	25	22.15	0.1641	21.15	0.1303
Highest		1	25	22.11	0.1626	21.11	0.1291
Lowest	64QAM	1	25	21.09	0.1285	20.09	0.1021
Middle		1	25	21.07	0.1279	20.07	0.1016
Highest		1	25	21.06	0.1276	20.06	0.1014
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.91	0.1954	21.91	0.1552
Middle		1	0	22.90	0.1950	21.90	0.1549
Highest		1	0	23.01	0.2000	22.01	0.1589
Lowest	16QAM	1	37	22.27	0.1687	21.27	0.1340
Middle		1	37	22.21	0.1663	21.21	0.1321
Highest		1	37	22.27	0.1687	21.27	0.1340
Lowest	64QAM	1	37	21.21	0.1321	20.21	0.1050
Middle		1	37	21.26	0.1337	20.26	0.1062
Highest		1	37	21.18	0.1312	20.18	0.1042
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.75	0.1884	21.75	0.1496
Middle		1	0	22.77	0.1892	21.77	0.1503
Highest		1	0	23.02	0.2004	22.02	0.1592
Lowest	16QAM	1	49	22.30	0.1698	21.30	0.1349
Middle		1	49	22.21	0.1663	21.21	0.1321
Highest		1	49	22.22	0.1667	21.22	0.1324
Lowest	64QAM	1	0	20.95	0.1245	19.95	0.0989
Middle		1	0	20.97	0.1250	19.97	0.0993
Highest		1	0	21.21	0.1321	20.21	0.1050
Limit	EIRP < 1W			Result		PASS	



LTE Band 71 / 5MHz (Average) (GT - LC = -12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.62	0.2301	9.47	0.0089
Middle		1	24	23.45	0.2213	9.30	0.0085
Highest		1	24	23.42	0.2198	9.27	0.0085
Lowest	16QAM	1	24	22.93	0.1963	8.78	0.0076
Middle		1	24	22.80	0.1905	8.65	0.0073
Highest		1	24	22.72	0.1871	8.57	0.0072
Lowest	64QAM	1	12	21.90	0.1549	7.75	0.0060
Middle		1	12	21.74	0.1493	7.59	0.0057
Highest		1	12	21.62	0.1452	7.47	0.0056
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 10MHz (Average) (GT - LC = -12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	23.55	0.2265	9.40	0.0087
Middle		1	49	23.44	0.2208	9.29	0.0085
Highest		1	49	23.36	0.2168	9.21	0.0083
Lowest	16QAM	1	25	22.95	0.1972	8.80	0.0076
Middle		1	25	22.77	0.1892	8.62	0.0073
Highest		1	25	22.72	0.1871	8.57	0.0072
Lowest	64QAM	1	25	21.88	0.1542	7.73	0.0059
Middle		1	25	21.70	0.1479	7.55	0.0057
Highest		1	25	21.66	0.1466	7.51	0.0056
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 15MHz (Average) (GT - LC = -12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	37	23.71	0.2350	9.56	0.0090
Middle		1	37	23.56	0.2270	9.41	0.0087
Highest		1	37	23.54	0.2259	9.39	0.0087
Lowest	16QAM	1	74	23.09	0.2037	8.94	0.0078
Middle		1	74	22.94	0.1968	8.79	0.0076
Highest		1	74	22.94	0.1968	8.79	0.0076
Lowest	64QAM	1	74	22.00	0.1585	7.85	0.0061
Middle		1	74	21.79	0.1510	7.64	0.0058
Highest		1	74	21.84	0.1528	7.69	0.0059
Limit	ERP < 3W			Result		PASS	



LTE Band 71 / 20MHz (Average) (GT - LC = -12 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.74	0.2366	9.59	0.0091
Middle		1	0	23.56	0.2270	9.41	0.0087
Highest		1	0	23.53	0.2254	9.38	0.0087
Lowest	16QAM	1	99	23.08	0.2032	8.93	0.0078
Middle		1	99	22.88	0.1941	8.73	0.0075
Highest		1	99	22.90	0.1950	8.75	0.0075
Lowest	64QAM	1	99	21.97	0.1574	7.82	0.0061
Middle		1	99	21.77	0.1503	7.62	0.0058
Highest		1	99	21.75	0.1496	7.60	0.0058
Limit	ERP < 3W			Result		PASS	



<For Lower Antenna>

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	3	23.20	0.2089	21.70	0.1479
Middle		3	3	23.00	0.1995	21.50	0.1413
Highest		3	3	23.40	0.2188	21.90	0.1549
Lowest	16QAM	1	0	22.55	0.1799	21.05	0.1274
Middle		1	0	22.35	0.1718	20.85	0.1216
Highest		1	0	22.80	0.1905	21.30	0.1349
Lowest	64QAM	1	3	21.49	0.1409	19.99	0.0998
Middle		1	3	21.32	0.1355	19.82	0.0959
Highest		1	3	21.78	0.1507	20.28	0.1067
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	23.27	0.2123	21.77	0.1503
Middle		1	8	23.12	0.2051	21.62	0.1452
Highest		1	8	23.38	0.2178	21.88	0.1542
Lowest	16QAM	1	8	22.64	0.1837	21.14	0.1300
Middle		1	8	22.42	0.1746	20.92	0.1236
Highest		1	8	22.79	0.1901	21.29	0.1346
Lowest	64QAM	1	14	21.41	0.1384	19.91	0.0979
Middle		1	14	21.26	0.1337	19.76	0.0946
Highest		1	14	21.80	0.1514	20.30	0.1072
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	23.20	0.2089	21.70	0.1479
Middle		1	0	23.03	0.2009	21.53	0.1422
Highest		1	0	23.39	0.2183	21.89	0.1545
Lowest	16QAM	1	24	22.46	0.1762	20.96	0.1247
Middle		1	24	22.35	0.1718	20.85	0.1216
Highest		1	24	22.80	0.1905	21.30	0.1349
Lowest	64QAM	1	24	21.39	0.1377	19.89	0.0975
Middle		1	24	21.23	0.1327	19.73	0.0940
Highest		1	24	21.75	0.1496	20.25	0.1059
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	23.19	0.2084	21.69	0.1476
Middle		1	25	23.03	0.2009	21.53	0.1422
Highest		1	25	23.40	0.2188	21.90	0.1549
Lowest	16QAM	1	0	22.28	0.1690	20.78	0.1197
Middle		1	0	22.13	0.1633	20.63	0.1156
Highest		1	0	22.79	0.1901	21.29	0.1346
Lowest	64QAM	1	49	21.19	0.1315	19.69	0.0931
Middle		1	49	21.15	0.1303	19.65	0.0923
Highest		1	49	21.80	0.1514	20.30	0.1072
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	23.22	0.2099	21.72	0.1486
Middle		1	74	23.30	0.2138	21.80	0.1514
Highest		1	74	23.37	0.2173	21.87	0.1538
Lowest	16QAM	1	37	22.61	0.1824	21.11	0.1291
Middle		1	37	22.48	0.1770	20.98	0.1253
Highest		1	37	22.79	0.1901	21.29	0.1346
Lowest	64QAM	1	74	21.36	0.1368	19.86	0.0968
Middle		1	74	21.52	0.1419	20.02	0.1005
Highest		1	74	21.74	0.1493	20.24	0.1057
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	0	23.41	0.2193	21.91	0.1552
Middle		1	0	23.23	0.2104	21.73	0.1489
Highest		1	0	23.34	0.2158	21.84	0.1528
Lowest	16QAM	1	0	22.77	0.1892	21.27	0.1340
Middle		1	0	22.58	0.1811	21.08	0.1282
Highest		1	0	22.73	0.1875	21.23	0.1327
Lowest	64QAM	1	99	21.42	0.1387	19.92	0.0982
Middle		1	99	21.54	0.1426	20.04	0.1009
Highest		1	99	21.76	0.1500	20.26	0.1062
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 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	1	3	22.85	0.1928	21.35	0.1365
Middle		1	3	22.35	0.1718	20.85	0.1216
Highest		1	3	23.06	0.2023	21.56	0.1432
Lowest	16QAM	1	3	22.19	0.1656	20.69	0.1172
Middle		1	3	21.70	0.1479	20.20	0.1047
Highest		1	3	22.37	0.1726	20.87	0.1222
Lowest	64QAM	1	3	21.07	0.1279	19.57	0.0906
Middle		1	3	20.63	0.1156	19.13	0.0818
Highest		1	3	21.30	0.1349	19.80	0.0955
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 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	14	22.88	0.1941	21.38	0.1374
Middle		1	14	22.42	0.1746	20.92	0.1236
Highest		1	14	23.11	0.2046	21.61	0.1449
Lowest	16QAM	1	8	22.20	0.1660	20.70	0.1175
Middle		1	8	21.78	0.1507	20.28	0.1067
Highest		1	8	22.42	0.1746	20.92	0.1236
Lowest	64QAM	1	14	21.08	0.1282	19.58	0.0908
Middle		1	14	20.69	0.1172	19.19	0.0830
Highest		1	14	21.36	0.1368	19.86	0.0968
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 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	24	22.85	0.1928	21.35	0.1365
Middle		1	24	22.44	0.1754	20.94	0.1242
Highest		1	24	23.08	0.2032	21.58	0.1439
Lowest	16QAM	1	24	22.20	0.1660	20.70	0.1175
Middle		1	24	21.76	0.1500	20.26	0.1062
Highest		1	24	22.41	0.1742	20.91	0.1233
Lowest	64QAM	1	24	21.05	0.1274	19.55	0.0902
Middle		1	24	20.69	0.1172	19.19	0.0830
Highest		1	24	21.32	0.1355	19.82	0.0959
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 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	49	22.55	0.1799	21.05	0.1274
Middle		1	49	22.23	0.1671	20.73	0.1183
Highest		1	49	23.06	0.2023	21.56	0.1432
Lowest	16QAM	1	49	21.90	0.1549	20.40	0.1096
Middle		1	49	21.58	0.1439	20.08	0.1019
Highest		1	49	22.43	0.1750	20.93	0.1239
Lowest	64QAM	1	49	20.79	0.1199	19.29	0.0849
Middle		1	49	20.52	0.1127	19.02	0.0798
Highest		1	49	21.34	0.1361	19.84	0.0964
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 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	22.85	0.1928	21.35	0.1365
Middle		1	74	22.72	0.1871	21.22	0.1324
Highest		1	74	23.25	0.2113	21.75	0.1496
Lowest	16QAM	1	74	22.15	0.1641	20.65	0.1161
Middle		1	74	22.08	0.1614	20.58	0.1143
Highest		1	74	22.60	0.1820	21.10	0.1288
Lowest	64QAM	1	74	21.05	0.1274	19.55	0.0902
Middle		1	74	20.96	0.1247	19.46	0.0883
Highest		1	74	21.52	0.1419	20.02	0.1005
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 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	22.81	0.1910	21.31	0.1352
Middle		1	99	22.76	0.1888	21.26	0.1337
Highest		1	99	23.26	0.2118	21.76	0.1500
Lowest	16QAM	1	99	22.13	0.1633	20.63	0.1156
Middle		1	99	22.14	0.1637	20.64	0.1159
Highest		1	99	22.62	0.1828	21.12	0.1294
Lowest	64QAM	1	99	21.02	0.1265	19.52	0.0895
Middle		1	99	21.00	0.1259	19.50	0.0891
Highest		1	99	21.53	0.1422	20.03	0.1007
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.51	0.2244	22.51	0.1782
Middle		3	1	23.50	0.2239	22.50	0.1778
Highest		3	1	23.30	0.2138	22.30	0.1698
Lowest	16QAM	1	3	22.87	0.1936	21.87	0.1538
Middle		1	3	22.84	0.1923	21.84	0.1528
Highest		1	3	22.60	0.1820	21.60	0.1445
Lowest	64QAM	1	3	21.73	0.1489	20.73	0.1183
Middle		1	3	21.78	0.1507	20.78	0.1197
Highest		1	3	21.56	0.1432	20.56	0.1138
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.60	0.2291	22.60	0.1820
Middle		1	8	23.60	0.2291	22.60	0.1820
Highest		1	8	23.39	0.2183	22.39	0.1734
Lowest	16QAM	1	8	22.95	0.1972	21.95	0.1567
Middle		1	8	22.95	0.1972	21.95	0.1567
Highest		1	8	22.72	0.1871	21.72	0.1486
Lowest	64QAM	1	8	21.85	0.1531	20.85	0.1216
Middle		1	8	21.87	0.1538	20.87	0.1222
Highest		1	8	21.62	0.1452	20.62	0.1153
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.55	0.2265	22.55	0.1799
Middle		1	12	23.56	0.2270	22.56	0.1803
Highest		1	12	23.40	0.2188	22.40	0.1738
Lowest	16QAM	1	12	22.90	0.1950	21.90	0.1549
Middle		1	12	22.91	0.1954	21.91	0.1552
Highest		1	12	22.65	0.1841	21.65	0.1462
Lowest	64QAM	1	12	21.82	0.1521	20.82	0.1208
Middle		1	12	21.84	0.1528	20.84	0.1213
Highest		1	12	21.57	0.1435	20.57	0.1140
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.51	0.2244	22.51	0.1782
Middle		1	25	23.48	0.2228	22.48	0.1770
Highest		1	25	23.35	0.2163	22.35	0.1718
Lowest	16QAM	1	25	22.91	0.1954	21.91	0.1552
Middle		1	25	22.90	0.1950	21.90	0.1549
Highest		1	25	22.75	0.1884	21.75	0.1496
Lowest	64QAM	1	25	21.82	0.1521	20.82	0.1208
Middle		1	25	21.85	0.1531	20.85	0.1216
Highest		1	25	21.67	0.1469	20.67	0.1167
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	23.73	0.2360	22.73	0.1875
Middle		1	37	23.74	0.2366	22.74	0.1879
Highest		1	37	23.64	0.2312	22.64	0.1837
Lowest	16QAM	1	37	23.08	0.2032	22.08	0.1614
Middle		1	37	23.10	0.2042	22.10	0.1622
Highest		1	37	22.98	0.1986	21.98	0.1578
Lowest	64QAM	1	37	22.02	0.1592	21.02	0.1265
Middle		1	37	22.04	0.1600	21.04	0.1271
Highest		1	37	21.94	0.1563	20.94	0.1242
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.75	0.2371	22.75	0.1884
Middle		1	49	23.77	0.2382	22.77	0.1892
Highest		1	49	23.62	0.2301	22.62	0.1828
Lowest	16QAM	1	49	23.06	0.2023	22.06	0.1607
Middle		1	49	23.07	0.2028	22.07	0.1611
Highest		1	49	22.97	0.1982	21.97	0.1574
Lowest	64QAM	1	49	21.93	0.1560	20.93	0.1239
Middle		1	49	21.99	0.1581	20.99	0.1256
Highest		1	49	21.89	0.1545	20.89	0.1227
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	23.79	0.2393	17.14	0.0518
Middle		1	3	23.78	0.2388	17.13	0.0516
Highest		1	3	23.70	0.2344	17.05	0.0507
Lowest	16QAM	1	3	23.25	0.2113	16.60	0.0457
Middle		1	3	23.24	0.2109	16.59	0.0456
Highest		1	3	23.13	0.2056	16.48	0.0445
Lowest	64QAM	1	3	22.16	0.1644	15.51	0.0356
Middle		1	3	22.14	0.1637	15.49	0.0354
Highest		1	3	22.07	0.1611	15.42	0.0348
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	23.75	0.2371	17.10	0.0513
Middle		1	14	23.79	0.2393	17.14	0.0518
Highest		1	14	23.71	0.2350	17.06	0.0508
Lowest	16QAM	1	8	23.29	0.2133	16.64	0.0461
Middle		1	8	23.31	0.2143	16.66	0.0463
Highest		1	8	23.24	0.2109	16.59	0.0456
Lowest	64QAM	1	8	22.23	0.1671	15.58	0.0361
Middle		1	8	22.21	0.1663	15.56	0.0360
Highest		1	8	22.15	0.1641	15.50	0.0355
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.79	0.2393	17.14	0.0518
Middle		1	12	23.78	0.2388	17.13	0.0516
Highest		1	12	23.77	0.2382	17.12	0.0515
Lowest	16QAM	1	12	23.24	0.2109	16.59	0.0456
Middle		1	12	23.20	0.2089	16.55	0.0452
Highest		1	12	23.20	0.2089	16.55	0.0452
Lowest	64QAM	1	24	22.18	0.1652	15.53	0.0357
Middle		1	24	22.10	0.1622	15.45	0.0351
Highest		1	24	22.00	0.1585	15.35	0.0343
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.80	0.2399	17.15	0.0519
Middle		1	0	23.76	0.2377	17.11	0.0514
Highest		1	0	23.73	0.2360	17.08	0.0511
Lowest	16QAM	1	49	23.29	0.2133	16.64	0.0461
Middle		1	49	23.22	0.2099	16.57	0.0454
Highest		1	49	23.16	0.2070	16.51	0.0448
Lowest	64QAM	1	49	22.16	0.1644	15.51	0.0356
Middle		1	49	22.11	0.1626	15.46	0.0352
Highest		1	49	22.05	0.1603	15.40	0.0347
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 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	24	20.62	0.1153	19.12	0.0817
Middle		1	24	20.70	0.1175	19.20	0.0832
Highest		1	24	20.65	0.1161	19.15	0.0822
Lowest	16QAM	1	24	19.95	0.0989	18.45	0.0700
Middle		1	24	20.03	0.1007	18.53	0.0713
Highest		1	24	19.99	0.0998	18.49	0.0706
Lowest	64QAM	1	24	18.90	0.0776	17.40	0.0550
Middle		1	24	18.92	0.0780	17.42	0.0552
Highest		1	24	18.89	0.0774	17.39	0.0548
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 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	49	20.60	0.1148	19.10	0.0813
Middle		1	49	20.66	0.1164	19.16	0.0824
Highest		1	49	20.64	0.1159	19.14	0.0820
Lowest	16QAM	1	49	20.00	0.1000	18.50	0.0708
Middle		1	49	20.05	0.1012	18.55	0.0716
Highest		1	49	20.01	0.1002	18.51	0.0710
Lowest	64QAM	1	49	18.88	0.0773	17.38	0.0547
Middle		1	49	18.96	0.0787	17.46	0.0557
Highest		1	49	18.93	0.0782	17.43	0.0553
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 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	20.82	0.1208	19.32	0.0855
Middle		1	74	20.85	0.1216	19.35	0.0861
Highest		1	74	20.88	0.1225	19.38	0.0867
Lowest	16QAM	1	74	20.13	0.1030	18.63	0.0729
Middle		1	74	20.18	0.1042	18.68	0.0738
Highest		1	74	20.20	0.1047	18.70	0.0741
Lowest	64QAM	1	37	18.98	0.0791	17.48	0.0560
Middle		1	37	19.06	0.0805	17.56	0.0570
Highest		1	37	19.09	0.0811	17.59	0.0574
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 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	20.84	0.1213	19.34	0.0859
Middle		1	99	20.82	0.1208	19.32	0.0855
Highest		1	99	20.89	0.1227	19.39	0.0869
Lowest	16QAM	1	99	20.15	0.1035	18.65	0.0733
Middle		1	99	20.15	0.1035	18.65	0.0733
Highest		1	99	20.21	0.1050	18.71	0.0743
Lowest	64QAM	1	99	19.09	0.0811	17.59	0.0574
Middle		1	99	19.06	0.0805	17.56	0.0570
Highest		1	99	19.13	0.0818	17.63	0.0579
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.90	0.1950	14.75	0.0299
Middle		3	1	22.81	0.1910	14.66	0.0292
Highest		3	1	22.76	0.1888	14.61	0.0289
Lowest	16QAM	1	3	22.23	0.1671	14.08	0.0256
Middle		1	3	22.24	0.1675	14.09	0.0256
Highest		1	3	22.08	0.1614	13.93	0.0247
Lowest	64QAM	1	3	21.13	0.1297	12.98	0.0199
Middle		1	3	21.13	0.1297	12.98	0.0199
Highest		1	3	21.07	0.1279	12.92	0.0196
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.91	0.1954	14.76	0.0299
Middle		1	8	22.93	0.1963	14.78	0.0301
Highest		1	8	22.92	0.1959	14.77	0.0300
Lowest	16QAM	1	8	22.35	0.1718	14.20	0.0263
Middle		1	8	22.30	0.1698	14.15	0.0260
Highest		1	8	22.25	0.1679	14.10	0.0257
Lowest	64QAM	1	8	21.23	0.1327	13.08	0.0203
Middle		1	8	21.26	0.1337	13.11	0.0205
Highest		1	8	21.14	0.1300	12.99	0.0199
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.93	0.1963	14.78	0.0301
Middle		1	0	22.82	0.1914	14.67	0.0293
Highest		1	0	22.76	0.1888	14.61	0.0289
Lowest	16QAM	1	12	22.26	0.1683	14.11	0.0258
Middle		1	12	22.24	0.1675	14.09	0.0256
Highest		1	12	22.18	0.1652	14.03	0.0253
Lowest	64QAM	1	0	21.21	0.1321	13.06	0.0202
Middle		1	0	21.08	0.1282	12.93	0.0196
Highest		1	0	21.08	0.1282	12.93	0.0196
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.95	0.1972	14.80	0.0302
Middle		1	49	22.96	0.1977	14.81	0.0303
Highest		1	49	22.91	0.1954	14.76	0.0299
Lowest	16QAM	1	49	22.29	0.1694	14.14	0.0259
Middle		1	49	22.28	0.1690	14.13	0.0259
Highest		1	49	22.24	0.1675	14.09	0.0256
Lowest	64QAM	1	25	21.19	0.1315	13.04	0.0201
Middle		1	25	21.19	0.1315	13.04	0.0201
Highest		1	25	21.16	0.1306	13.01	0.0200
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.84	0.2421	17.69	0.0587
Middle		1	12	23.90	0.2455	17.75	0.0596
Highest		1	12	23.87	0.2438	17.72	0.0592
Lowest	16QAM	1	12	23.26	0.2118	17.11	0.0514
Middle		1	12	23.30	0.2138	17.15	0.0519
Highest		1	12	23.24	0.2109	17.09	0.0512
Lowest	64QAM	1	12	22.20	0.1660	16.05	0.0403
Middle		1	12	22.25	0.1679	16.10	0.0407
Highest		1	12	22.17	0.1648	16.02	0.0400
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	25	23.90	0.2455	17.75	0.0596
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.30	0.2138	17.15	0.0519
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.23	0.1671	16.08	0.0406
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -6.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.88	0.1941	14.23	0.0265
Middle		1	24	22.84	0.1923	14.19	0.0262
Highest		1	24	22.82	0.1914	14.17	0.0261
Lowest	16QAM	1	12	22.19	0.1656	13.54	0.0226
Middle		1	12	22.26	0.1683	13.61	0.0230
Highest		1	12	22.19	0.1656	13.54	0.0226
Lowest	64QAM	1	24	21.19	0.1315	12.54	0.0179
Middle		1	24	21.19	0.1315	12.54	0.0179
Highest		1	24	21.04	0.1271	12.39	0.0173
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -6.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.89	0.1945	14.24	0.0265
Middle		1	49	22.84	0.1923	14.19	0.0262
Highest		1	49	22.85	0.1928	14.20	0.0263
Lowest	16QAM	1	25	22.23	0.1671	13.58	0.0228
Middle		1	25	22.21	0.1663	13.56	0.0227
Highest		1	25	22.21	0.1663	13.56	0.0227
Lowest	64QAM	1	0	21.80	0.1514	13.15	0.0207
Middle		1	0	21.01	0.1262	12.36	0.0172
Highest		1	0	20.97	0.1250	12.32	0.0171
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	20.45	0.1109	19.95	0.0989
Middle		1	12	20.40	0.1096	19.90	0.0977
Highest		1	12	20.67	0.1167	20.17	0.1040
Lowest	16QAM	1	0	19.74	0.0942	19.24	0.0839
Middle		1	0	19.64	0.0920	19.14	0.0820
Highest		1	0	19.98	0.0995	19.48	0.0887
Lowest	64QAM	1	12	18.64	0.0731	18.14	0.0652
Middle		1	12	18.60	0.0724	18.10	0.0646
Highest		1	12	18.86	0.0769	18.36	0.0685
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	20.33	0.1079	19.83	0.0962
Middle		1	25	20.31	0.1074	19.81	0.0957
Highest		1	25	20.63	0.1156	20.13	0.1030
Lowest	16QAM	1	25	19.70	0.0933	19.20	0.0832
Middle		1	25	19.65	0.0923	19.15	0.0822
Highest		1	25	19.97	0.0993	19.47	0.0885
Lowest	64QAM	1	25	18.67	0.0736	18.17	0.0656
Middle		1	25	18.67	0.0736	18.17	0.0656
Highest		1	25	18.94	0.0783	18.44	0.0698
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	20.59	0.1146	20.09	0.1021
Middle		1	74	20.46	0.1112	19.96	0.0991
Highest		1	74	20.86	0.1219	20.36	0.1086
Lowest	16QAM	1	37	19.70	0.0933	19.20	0.0832
Middle		1	37	19.72	0.0938	19.22	0.0836
Highest		1	37	19.99	0.0998	19.49	0.0889
Lowest	64QAM	1	37	18.52	0.0711	18.02	0.0634
Middle		1	37	18.47	0.0703	17.97	0.0627
Highest		1	37	18.76	0.0752	18.26	0.0670
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.65	0.1161	20.15	0.1035
Middle		1	49	20.76	0.1191	20.26	0.1062
Highest		1	49	20.90	0.1230	20.40	0.1096
Lowest	16QAM	1	49	19.74	0.0942	19.24	0.0839
Middle		1	49	19.86	0.0968	19.36	0.0863
Highest		1	49	20.02	0.1005	19.52	0.0895
Lowest	64QAM	1	49	18.54	0.0714	18.04	0.0637
Middle		1	49	18.61	0.0726	18.11	0.0647
Highest		1	49	18.82	0.0762	18.32	0.0679
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.88	0.1941	16.23	0.0420
Middle		3	1	22.83	0.1919	16.18	0.0415
Highest		3	1	22.75	0.1884	16.10	0.0407
Lowest	16QAM	1	3	22.20	0.1660	15.55	0.0359
Middle		1	3	22.18	0.1652	15.53	0.0357
Highest		1	3	22.12	0.1629	15.47	0.0352
Lowest	64QAM	1	3	21.12	0.1294	14.47	0.0280
Middle		1	3	21.10	0.1288	14.45	0.0279
Highest		1	3	21.03	0.1268	14.38	0.0274
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.93	0.1963	16.28	0.0425
Middle		1	8	22.91	0.1954	16.26	0.0423
Highest		1	8	22.87	0.1936	16.22	0.0419
Lowest	16QAM	1	8	22.27	0.1687	15.62	0.0365
Middle		1	8	22.29	0.1694	15.64	0.0366
Highest		1	8	22.20	0.1660	15.55	0.0359
Lowest	64QAM	1	8	21.20	0.1318	14.55	0.0285
Middle		1	8	21.18	0.1312	14.53	0.0284
Highest		1	8	21.14	0.1300	14.49	0.0281
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.89	0.1945	16.24	0.0421
Middle		1	12	22.88	0.1941	16.23	0.0420
Highest		1	12	22.88	0.1941	16.23	0.0420
Lowest	16QAM	1	24	22.17	0.1648	15.52	0.0356
Middle		1	24	22.24	0.1675	15.59	0.0362
Highest		1	24	22.13	0.1633	15.48	0.0353
Lowest	64QAM	1	24	21.06	0.1276	14.41	0.0276
Middle		1	24	21.12	0.1294	14.47	0.0280
Highest		1	24	21.07	0.1279	14.42	0.0277
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.83	0.1919	16.18	0.0415
Middle		1	0	22.80	0.1905	16.15	0.0412
Highest		1	0	22.84	0.1923	16.19	0.0416
Lowest	16QAM	1	0	22.21	0.1663	15.56	0.0360
Middle		1	0	22.20	0.1660	15.55	0.0359
Highest		1	0	22.20	0.1660	15.55	0.0359
Lowest	64QAM	1	25	21.12	0.1294	14.47	0.0280
Middle		1	25	21.14	0.1300	14.49	0.0281
Highest		1	25	21.09	0.1285	14.44	0.0278
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	22.95	0.1972	16.30	0.0427
Middle		1	74	22.92	0.1959	16.27	0.0424
Highest		1	74	22.87	0.1936	16.22	0.0419
Lowest	16QAM	1	0	22.27	0.1687	15.62	0.0365
Middle		1	0	22.27	0.1687	15.62	0.0365
Highest		1	0	22.23	0.1671	15.58	0.0361
Lowest	64QAM	1	37	21.10	0.1288	14.45	0.0279
Middle		1	37	21.17	0.1309	14.52	0.0283
Highest		1	37	21.13	0.1297	14.48	0.0281
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	19.99	0.0998	18.99	0.0793
Middle		1	12	20.02	0.1005	19.02	0.0798
Highest		1	12	20.06	0.1014	19.06	0.0805
Lowest	16QAM	1	12	19.24	0.0839	18.24	0.0667
Middle		1	12	19.30	0.0851	18.30	0.0676
Highest		1	12	19.26	0.0843	18.26	0.0670
Lowest	64QAM	1	12	17.88	0.0614	16.88	0.0488
Middle		1	12	18.00	0.0631	17.00	0.0501
Highest		1	12	17.98	0.0628	16.98	0.0499
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	19.81	0.0957	18.81	0.0760
Middle		1	49	20.04	0.1009	19.04	0.0802
Highest		1	49	20.01	0.1002	19.01	0.0796
Lowest	16QAM	1	0	18.96	0.0787	17.96	0.0625
Middle		1	0	19.39	0.0869	18.39	0.0690
Highest		1	0	19.39	0.0869	18.39	0.0690
Lowest	64QAM	1	25	18.29	0.0675	17.29	0.0536
Middle		1	25	18.39	0.0690	17.39	0.0548
Highest		1	25	18.35	0.0684	17.35	0.0543
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.20	0.1047	19.20	0.0832
Middle		1	0	20.30	0.1072	19.30	0.0851
Highest		1	0	20.32	0.1076	19.32	0.0855
Lowest	16QAM	1	0	19.40	0.0871	18.40	0.0692
Middle		1	0	19.44	0.0879	18.44	0.0698
Highest		1	0	19.45	0.0881	18.45	0.0700
Lowest	64QAM	1	74	18.18	0.0658	17.18	0.0522
Middle		1	74	18.20	0.0661	17.20	0.0525
Highest		1	74	18.19	0.0659	17.19	0.0524
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	20.22	0.1052	19.22	0.0836
Middle		1	99	20.33	0.1079	19.33	0.0857
Highest		1	99	20.31	0.1074	19.31	0.0853
Lowest	16QAM	1	0	19.34	0.0859	18.34	0.0682
Middle		1	0	19.43	0.0877	18.43	0.0697
Highest		1	0	19.47	0.0885	18.47	0.0703
Lowest	64QAM	1	0	18.08	0.0643	17.08	0.0511
Middle		1	0	18.16	0.0655	17.16	0.0520
Highest		1	0	18.22	0.0664	17.22	0.0527
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.39	0.2183	22.39	0.1734
Middle		3	1	23.76	0.2377	22.76	0.1888
Highest		3	1	24.00	0.2512	23.00	0.1995
Lowest	16QAM	1	3	22.70	0.1862	21.70	0.1479
Middle		1	3	23.12	0.2051	22.12	0.1629
Highest		1	3	23.36	0.2168	22.36	0.1722
Lowest	64QAM	1	3	21.61	0.1449	20.61	0.1151
Middle		1	3	22.05	0.1603	21.05	0.1274
Highest		1	3	22.28	0.1690	21.28	0.1343
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.47	0.2223	22.47	0.1766
Middle		1	8	23.89	0.2449	22.89	0.1945
Highest		1	8	24.05	0.2541	23.05	0.2018
Lowest	16QAM	1	8	22.74	0.1879	21.74	0.1493
Middle		1	8	23.16	0.2070	22.16	0.1644
Highest		1	8	23.39	0.2183	22.39	0.1734
Lowest	64QAM	1	8	21.75	0.1496	20.75	0.1189
Middle		1	8	22.15	0.1641	21.15	0.1303
Highest		1	8	22.31	0.1702	21.31	0.1352
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.45	0.2213	22.45	0.1758
Middle		1	12	23.86	0.2432	22.86	0.1932
Highest		1	12	24.06	0.2547	23.06	0.2023
Lowest	16QAM	1	12	22.67	0.1849	21.67	0.1469
Middle		1	12	23.14	0.2061	22.14	0.1637
Highest		1	12	23.32	0.2148	22.32	0.1706
Lowest	64QAM	1	12	21.68	0.1472	20.68	0.1169
Middle		1	12	22.08	0.1614	21.08	0.1282
Highest		1	12	22.23	0.1671	21.23	0.1327
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.43	0.2203	22.43	0.1750
Middle		1	25	23.79	0.2393	22.79	0.1901
Highest		1	25	23.96	0.2489	22.96	0.1977
Lowest	16QAM	1	25	22.81	0.1910	21.81	0.1517
Middle		1	25	23.16	0.2070	22.16	0.1644
Highest		1	25	23.34	0.2158	22.34	0.1714
Lowest	64QAM	1	25	21.72	0.1486	20.72	0.1180
Middle		1	25	22.10	0.1622	21.10	0.1288
Highest		1	25	22.28	0.1690	21.28	0.1343
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.47	0.2223	22.47	0.1766
Middle		1	0	23.82	0.2410	22.82	0.1914
Highest		1	0	24.06	0.2547	23.06	0.2023
Lowest	16QAM	1	0	22.79	0.1901	21.79	0.1510
Middle		1	0	23.15	0.2065	22.15	0.1641
Highest		1	0	23.53	0.2254	22.53	0.1791
Lowest	64QAM	1	0	21.64	0.1459	20.64	0.1159
Middle		1	0	22.00	0.1585	21.00	0.1259
Highest		1	0	22.40	0.1738	21.40	0.1380
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.08	0.2559	23.08	0.2032
Middle		1	49	23.98	0.2500	22.98	0.1986
Highest		1	49	24.07	0.2553	23.07	0.2028
Lowest	16QAM	1	0	22.61	0.1824	21.61	0.1449
Middle		1	0	23.03	0.2009	22.03	0.1596
Highest		1	0	23.59	0.2286	22.59	0.1816
Lowest	64QAM	1	0	21.52	0.1419	20.52	0.1127
Middle		1	0	21.84	0.1528	20.84	0.1213
Highest		1	0	22.39	0.1734	21.39	0.1377
Limit	EIRP < 1W			Result		PASS	



LTE Band 71 / 5MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.40	0.2188	15.25	0.0335
Middle		1	24	23.33	0.2153	15.18	0.0330
Highest		1	24	23.26	0.2118	15.11	0.0324
Lowest	16QAM	1	24	22.73	0.1875	14.58	0.0287
Middle		1	24	22.66	0.1845	14.51	0.0282
Highest		1	24	22.62	0.1828	14.47	0.0280
Lowest	64QAM	1	24	21.58	0.1439	13.43	0.0220
Middle		1	24	21.64	0.1459	13.49	0.0223
Highest		1	24	21.46	0.1400	13.31	0.0214
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 10MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.27	0.2123	15.12	0.0325
Middle		1	0	23.30	0.2138	15.15	0.0327
Highest		1	0	23.21	0.2094	15.06	0.0321
Lowest	16QAM	1	25	22.71	0.1866	14.56	0.0286
Middle		1	25	22.64	0.1837	14.49	0.0281
Highest		1	25	22.57	0.1807	14.42	0.0277
Lowest	64QAM	1	25	21.62	0.1452	13.47	0.0222
Middle		1	25	21.57	0.1435	13.42	0.0220
Highest		1	25	21.50	0.1413	13.35	0.0216
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 15MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	23.52	0.2249	15.37	0.0344
Middle		1	74	23.45	0.2213	15.30	0.0339
Highest		1	74	23.42	0.2198	15.27	0.0337
Lowest	16QAM	1	74	22.86	0.1932	14.71	0.0296
Middle		1	74	22.77	0.1892	14.62	0.0290
Highest		1	74	22.78	0.1897	14.63	0.0290
Lowest	64QAM	1	74	21.76	0.1500	13.61	0.0230
Middle		1	74	21.73	0.1489	13.58	0.0228
Highest		1	74	21.67	0.1469	13.52	0.0225
Limit	ERP < 3W			Result		PASS	



LTE Band 71 / 20MHz (Average) (GT - LC = -6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	99	23.53	0.2254	15.38	0.0345
Middle		1	99	23.39	0.2183	15.24	0.0334
Highest		1	99	23.39	0.2183	15.24	0.0334
Lowest	16QAM	1	99	22.86	0.1932	14.71	0.0296
Middle		1	99	22.73	0.1875	14.58	0.0287
Highest		1	99	22.73	0.1875	14.58	0.0287
Lowest	64QAM	1	99	21.78	0.1507	13.63	0.0231
Middle		1	99	21.67	0.1469	13.52	0.0225
Highest		1	99	21.63	0.1455	13.48	0.0223
Limit	ERP < 3W			Result		PASS	



<For Upper Antenna>

LTE Band 5_CA / 10 + 10 MHz (GT - LC = -8.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	50	0	50	0	22.80	0.1905	12.15	0.0164
Middle		50	0	50	0	23.01	0.2000	12.36	0.0172
Highest		50	0	50	0	23.05	0.2018	12.40	0.0174
Lowest	16QAM	1	49	1	0	22.78	0.1897	12.13	0.0163
Middle		1	49	1	0	22.94	0.1968	12.29	0.0169
Highest		1	49	1	0	22.40	0.1738	11.75	0.0150
Lowest	64QAM	1	49	1	0	22.19	0.1656	11.54	0.0143
Middle		1	49	1	0	22.09	0.1618	11.44	0.0139
Highest		1	49	1	0	21.62	0.1452	10.97	0.0125
Limit	ERP < 7W					Result		PASS	

LTE Band 5_CA / 10 + 5 MHz (GT - LC = -8.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	50	0	25	0	22.88	0.1941	14.38	0.0274
Middle		50	0	25	0	23.02	0.2004	14.52	0.0283
Highest		50	0	25	0	22.97	0.1982	14.47	0.0280
Lowest	16QAM	1	49	1	0	22.47	0.1766	13.97	0.0249
Middle		1	49	1	0	22.80	0.1905	14.30	0.0269
Highest		1	49	1	0	22.96	0.1977	14.46	0.0279
Lowest	64QAM	50	0	25	0	21.82	0.1521	13.32	0.0215
Middle		50	0	25	0	21.84	0.1528	13.34	0.0216
Highest		50	0	25	0	21.59	0.1442	13.09	0.0204
Limit	ERP < 7W					Result		PASS	

LTE Band 5_CA / 5 + 10 MHz (GT - LC = -8.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	25	0	50	0	22.93	0.1963	14.43	0.0277
Middle		25	0	50	0	22.91	0.1954	14.41	0.0276
Highest		25	0	50	0	22.91	0.1954	14.41	0.0276
Lowest	16QAM	1	24	1	0	22.32	0.1706	13.82	0.0241
Middle		1	24	1	0	22.29	0.1694	13.79	0.0239
Highest		1	24	1	0	22.43	0.1750	13.93	0.0247
Lowest	64QAM	25	0	50	0	21.77	0.1503	13.27	0.0212
Middle		25	0	50	0	21.75	0.1496	13.25	0.0211
Highest		25	0	50	0	21.84	0.1528	13.34	0.0216
Limit	ERP < 7W					Result		PASS	



LTE Band 66B_CA / 10 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	22.75	0.1884	21.75	0.1496
Middle		1	49	1	0	22.75	0.1884	21.75	0.1496
Highest		1	49	1	0	22.25	0.1679	21.25	0.1334
Lowest	16QAM	1	49	1	0	22.23	0.1671	21.23	0.1327
Middle		1	49	1	0	22.73	0.1875	21.73	0.1489
Highest		1	49	1	0	23.00	0.1995	22.00	0.1585
Lowest	64QAM	1	49	1	0	21.32	0.1355	20.32	0.1076
Middle		1	49	1	0	20.85	0.1216	19.85	0.0966
Highest		1	49	1	0	21.15	0.1303	20.15	0.1035
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 15 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	22.95	0.1972	21.95	0.1567
Middle		1	74	1	0	22.74	0.1879	21.74	0.1493
Highest		1	74	1	0	22.90	0.1950	21.90	0.1549
Lowest	16QAM	1	74	1	0	22.86	0.1932	21.86	0.1535
Middle		1	74	1	0	22.18	0.1652	21.18	0.1312
Highest		1	74	1	0	22.80	0.1905	21.80	0.1514
Lowest	64QAM	1	74	1	0	20.75	0.1189	19.75	0.0944
Middle		1	74	1	0	21.14	0.1300	20.14	0.1033
Highest		1	74	1	0	21.06	0.1276	20.06	0.1014
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	22.75	0.1884	21.75	0.1496
Middle		1	24	1	0	22.85	0.1928	21.85	0.1531
Highest		1	24	1	0	22.72	0.1871	21.72	0.1486
Lowest	16QAM	1	24	1	0	22.60	0.1820	21.60	0.1445
Middle		1	24	1	0	22.66	0.1845	21.66	0.1466
Highest		1	24	1	0	22.99	0.1991	21.99	0.1581
Lowest	64QAM	1	24	1	0	20.50	0.1122	19.50	0.0891
Middle		1	24	1	0	21.85	0.1531	20.85	0.1216
Highest		1	24	1	0	20.84	0.1213	19.84	0.0964
Limit	EIRP < 1W					Result		PASS	



LTE Band 66B_CA / 10 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	22.61	0.1824	21.61	0.1449
Middle		1	49	1	0	22.69	0.1858	21.69	0.1476
Highest		1	49	1	0	22.44	0.1754	21.44	0.1393
Lowest	16QAM	1	49	1	0	22.89	0.1945	21.89	0.1545
Middle		1	49	1	0	22.52	0.1786	21.52	0.1419
Highest		1	49	1	0	22.45	0.1758	21.45	0.1396
Lowest	64QAM	1	49	1	0	20.93	0.1239	19.93	0.0984
Middle		1	49	1	0	20.97	0.1250	19.97	0.0993
Highest		1	49	1	0	21.13	0.1297	20.13	0.1030
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	22.75	0.1884	21.75	0.1496
Middle		1	24	1	0	22.83	0.1919	21.83	0.1524
Highest		1	24	1	0	22.78	0.1897	21.78	0.1507
Lowest	16QAM	1	24	1	0	22.74	0.1879	21.74	0.1493
Middle		1	24	1	0	22.65	0.1841	21.65	0.1462
Highest		1	24	1	0	22.80	0.1905	21.80	0.1514
Lowest	64QAM	1	24	1	0	20.82	0.1208	19.82	0.0959
Middle		1	24	1	0	20.87	0.1222	19.87	0.0971
Highest		1	24	1	0	20.84	0.1213	19.84	0.0964
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	0	25	0	21.68	0.1472	20.68	0.1169
Middle		25	0	25	0	21.61	0.1449	20.61	0.1151
Highest		25	0	25	0	21.65	0.1462	20.65	0.1161
Lowest	16QAM	25	0	25	0	20.71	0.1178	19.71	0.0935
Middle		25	0	25	0	20.60	0.1148	19.60	0.0912
Highest		25	0	25	0	20.63	0.1156	19.63	0.0918
Lowest	64QAM	25	0	25	0	20.60	0.1148	19.60	0.0912
Middle		25	0	25	0	20.65	0.1161	19.65	0.0923
Highest		25	0	25	0	20.70	0.1175	19.70	0.0933
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 20 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	23.46	0.2218	22.46	0.1762
Middle		1	99	1	0	23.22	0.2099	22.22	0.1667
Highest		1	99	1	0	23.17	0.2075	22.17	0.1648
Lowest	16QAM	1	99	1	0	23.25	0.2113	22.25	0.1679
Middle		1	99	1	0	23.20	0.2089	22.20	0.1660
Highest		1	99	1	0	22.93	0.1963	21.93	0.1560
Lowest	64QAM	1	99	1	0	22.35	0.1718	21.35	0.1365
Middle		1	99	1	0	22.47	0.1766	21.47	0.1403
Highest		1	99	1	0	22.47	0.1766	21.47	0.1403
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 20 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.51	0.2244	22.51	0.1782
Middle		1	74	1	0	23.43	0.2203	22.43	0.1750
Highest		1	74	1	0	23.45	0.2213	22.45	0.1758
Lowest	16QAM	1	74	1	0	23.43	0.2203	22.43	0.1750
Middle		1	74	1	0	23.35	0.2163	22.35	0.1718
Highest		1	74	1	0	23.41	0.2193	22.41	0.1742
Lowest	64QAM	1	74	1	0	23.46	0.2218	22.46	0.1762
Middle		1	74	1	0	23.56	0.2270	22.56	0.1803
Highest		1	74	1	0	23.49	0.2234	22.49	0.1774
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 15 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.10	0.2042	22.10	0.1622
Middle		1	74	1	0	23.02	0.2004	22.02	0.1592
Highest		1	74	1	0	23.02	0.2004	22.02	0.1592
Lowest	16QAM	1	74	1	0	23.10	0.2042	22.10	0.1622
Middle		1	74	1	0	23.20	0.2089	22.20	0.1660
Highest		1	74	1	0	23.07	0.2028	22.07	0.1611
Lowest	64QAM	1	74	1	0	23.05	0.2018	22.05	0.1603
Middle		1	74	1	0	23.07	0.2028	22.07	0.1611
Highest		1	74	1	0	22.97	0.1982	21.97	0.1574
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 20 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	23.08	0.2032	22.08	0.1614
Middle		1	99	1	0	22.98	0.1986	21.98	0.1578
Highest		1	99	1	0	23.03	0.2009	22.03	0.1596
Lowest	16QAM	1	99	1	0	23.30	0.2138	22.30	0.1698
Middle		1	99	1	0	23.67	0.2328	22.67	0.1849
Highest		1	99	1	0	23.26	0.2118	22.26	0.1683
Lowest	64QAM	1	99	1	0	22.42	0.1746	21.42	0.1387
Middle		1	99	1	0	21.52	0.1419	20.52	0.1127
Highest		1	99	1	0	21.87	0.1538	20.87	0.1222
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 10 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	22.91	0.1954	21.91	0.1552
Middle		1	49	1	0	22.99	0.1991	21.99	0.1581
Highest		1	49	1	0	23.00	0.1995	22.00	0.1585
Lowest	16QAM	1	49	1	0	23.51	0.2244	22.51	0.1782
Middle		1	49	1	0	23.66	0.2323	22.66	0.1845
Highest		1	49	1	0	23.65	0.2317	22.65	0.1841
Lowest	64QAM	1	49	1	0	22.30	0.1698	21.30	0.1349
Middle		1	49	1	0	22.48	0.1770	21.48	0.1406
Highest		1	49	1	0	22.52	0.1786	21.52	0.1419
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 20 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	23.16	0.2070	22.16	0.1644
Middle		1	99	1	0	22.72	0.1871	21.72	0.1486
Highest		1	99	1	0	22.97	0.1982	21.97	0.1574
Lowest	16QAM	1	99	1	0	23.31	0.2143	22.31	0.1702
Middle		1	99	1	0	22.83	0.1919	21.83	0.1524
Highest		1	99	1	0	23.49	0.2234	22.49	0.1774
Lowest	64QAM	1	99	1	0	22.33	0.1710	21.33	0.1358
Middle		1	99	1	0	21.71	0.1483	20.71	0.1178
Highest		1	99	1	0	22.17	0.1648	21.17	0.1309
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 5 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	23.06	0.2023	22.06	0.1607
Middle		1	24	1	0	23.17	0.2075	22.17	0.1648
Highest		1	24	1	0	23.15	0.2065	22.15	0.1641
Lowest	16QAM	1	24	1	0	23.33	0.2153	22.33	0.1710
Middle		1	24	1	0	23.33	0.2153	22.33	0.1710
Highest		1	24	1	0	23.56	0.2270	22.56	0.1803
Lowest	64QAM	1	24	1	0	21.41	0.1384	20.41	0.1099
Middle		1	24	1	0	22.38	0.1730	21.38	0.1374
Highest		1	24	1	0	22.25	0.1679	21.25	0.1334
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 15 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.01	0.2000	22.01	0.1589
Middle		1	74	1	0	23.10	0.2042	22.10	0.1622
Highest		1	74	1	0	23.06	0.2023	22.06	0.1607
Lowest	16QAM	1	74	1	0	23.72	0.2355	22.72	0.1871
Middle		1	74	1	0	22.97	0.1982	21.97	0.1574
Highest		1	74	1	0	23.65	0.2317	22.65	0.1841
Lowest	64QAM	1	74	1	0	22.60	0.1820	21.60	0.1445
Middle		1	74	1	0	22.24	0.1675	21.24	0.1330
Highest		1	74	1	0	22.59	0.1816	21.59	0.1442
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 10 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	23.00	0.1995	22.00	0.1585
Middle		1	49	1	0	22.70	0.1862	21.70	0.1479
Highest		1	49	1	0	22.95	0.1972	21.95	0.1567
Lowest	16QAM	1	49	1	0	23.03	0.2009	22.03	0.1596
Middle		1	49	1	0	23.29	0.2133	22.29	0.1694
Highest		1	49	1	0	23.55	0.2265	22.55	0.1799
Lowest	64QAM	1	49	1	0	22.52	0.1786	21.52	0.1419
Middle		1	49	1	0	22.56	0.1803	21.56	0.1432
Highest		1	49	1	0	21.58	0.1439	20.58	0.1143
Limit	EIRP < 1W					Result		PASS	



FCC RADIO TEST REPORT

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LTE Band 66C_CA / 15 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.25	0.2113	22.25	0.1679
Middle		1	74	1	0	23.11	0.2046	22.11	0.1626
Highest		1	74	1	0	22.92	0.1959	21.92	0.1556
Lowest	16QAM	1	74	1	0	23.36	0.2168	22.36	0.1722
Middle		1	74	1	0	23.50	0.2239	22.50	0.1778
Highest		1	74	1	0	23.55	0.2265	22.55	0.1799
Lowest	64QAM	1	74	1	0	22.55	0.1799	21.55	0.1429
Middle		1	74	1	0	22.45	0.1758	21.45	0.1396
Highest		1	74	1	0	21.54	0.1426	20.54	0.1132
Limit	EIRP < 1W					Result		PASS	



<For Lower Antenna>

LTE Band 5_CA / 10 + 10 MHz (GT - LC = -4.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	50	0	50	0	22.87	0.1936	16.22	0.0419
Middle		50	0	50	0	22.77	0.1892	16.12	0.0409
Highest		50	0	50	0	22.92	0.1959	16.27	0.0424
Lowest	16QAM	50	0	50	0	22.83	0.1919	16.18	0.0415
Middle		50	0	50	0	22.93	0.1963	16.28	0.0425
Highest		50	0	50	0	22.75	0.1884	16.10	0.0407
Lowest	64QAM	50	0	50	0	22.84	0.1923	16.19	0.0416
Middle		50	0	50	0	22.76	0.1888	16.11	0.0408
Highest		50	0	50	0	22.77	0.1892	16.12	0.0409
Limit	ERP < 7W					Result		PASS	

LTE Band 5_CA / 10 + 5 MHz (GT - LC = -4.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	50	0	25	0	22.91	0.1954	18.41	0.0693
Middle		50	0	25	0	22.87	0.1936	18.37	0.0687
Highest		50	0	25	0	22.96	0.1977	18.46	0.0701
Lowest	16QAM	50	0	25	0	22.97	0.1982	18.47	0.0703
Middle		50	0	25	0	22.93	0.1963	18.43	0.0697
Highest		50	0	25	0	22.91	0.1954	18.41	0.0693
Lowest	64QAM	50	0	25	0	22.97	0.1982	18.47	0.0703
Middle		50	0	25	0	23.07	0.2028	18.57	0.0719
Highest		50	0	25	0	23.01	0.2000	18.51	0.0710
Limit	ERP < 7W					Result		PASS	

LTE Band 5_CA / 5 + 10 MHz (GT - LC = -4.5 dB)									
Channel	Mode	PCC		SCC		Conducted		ERP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	25	0	50	0	22.80	0.1905	18.30	0.0676
Middle		25	0	50	0	22.73	0.1875	18.23	0.0665
Highest		25	0	50	0	22.89	0.1945	18.39	0.0690
Lowest	16QAM	25	0	50	0	22.76	0.1888	18.26	0.0670
Middle		25	0	50	0	22.82	0.1914	18.32	0.0679
Highest		25	0	50	0	22.84	0.1923	18.34	0.0682
Lowest	64QAM	25	0	50	0	22.84	0.1923	18.34	0.0682
Middle		25	0	50	0	22.84	0.1923	18.34	0.0682
Highest		25	0	50	0	22.76	0.1888	18.26	0.0670
Limit	ERP < 7W					Result		PASS	



LTE Band 66B_CA / 10 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	22.99	0.1991	21.99	0.1581
Middle		1	49	1	0	22.94	0.1968	21.94	0.1563
Highest		1	49	1	0	22.93	0.1963	21.93	0.1560
Lowest	16QAM	1	49	1	0	23.03	0.2009	22.03	0.1596
Middle		1	49	1	0	23.05	0.2018	22.05	0.1603
Highest		1	49	1	0	23.00	0.1995	22.00	0.1585
Lowest	64QAM	1	49	1	0	22.89	0.1945	21.89	0.1545
Middle		1	49	1	0	22.86	0.1932	21.86	0.1535
Highest		1	49	1	0	22.93	0.1963	21.93	0.1560
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 15 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.28	0.2128	22.28	0.1690
Middle		1	74	1	0	23.62	0.2301	22.62	0.1828
Highest		1	74	1	0	23.50	0.2239	22.50	0.1778
Lowest	16QAM	1	74	1	0	23.02	0.2004	22.02	0.1592
Middle		1	74	1	0	23.66	0.2323	22.66	0.1845
Highest		1	74	1	0	23.85	0.2427	22.85	0.1928
Lowest	64QAM	1	74	1	0	21.96	0.1570	20.96	0.1247
Middle		1	74	1	0	21.43	0.1390	20.43	0.1104
Highest		1	74	1	0	21.09	0.1285	20.09	0.1021
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	22.71	0.1866	21.71	0.1483
Middle		1	24	1	0	23.60	0.2291	22.60	0.1820
Highest		1	24	1	0	23.54	0.2259	22.54	0.1795
Lowest	16QAM	1	24	1	0	22.93	0.1963	21.93	0.1560
Middle		1	24	1	0	23.54	0.2259	22.54	0.1795
Highest		1	24	1	0	23.27	0.2123	22.27	0.1687
Lowest	64QAM	1	24	1	0	21.63	0.1455	20.63	0.1156
Middle		1	24	1	0	21.32	0.1355	20.32	0.1076
Highest		1	24	1	0	21.97	0.1574	20.97	0.1250
Limit	EIRP < 1W					Result		PASS	



LTE Band 66B_CA / 10 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	23.11	0.2046	22.11	0.1626
Middle		1	49	1	0	23.29	0.2133	22.29	0.1694
Highest		1	49	1	0	23.16	0.2070	22.16	0.1644
Lowest	16QAM	1	49	1	0	22.95	0.1972	21.95	0.1567
Middle		1	49	1	0	22.88	0.1941	21.88	0.1542
Highest		1	49	1	0	23.04	0.2014	22.04	0.1600
Lowest	64QAM	1	49	1	0	21.56	0.1432	20.56	0.1138
Middle		1	49	1	0	21.48	0.1406	20.48	0.1117
Highest		1	49	1	0	21.54	0.1426	20.54	0.1132
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	23.19	0.2084	22.19	0.1656
Middle		1	24	1	0	23.18	0.2080	22.18	0.1652
Highest		1	24	1	0	23.05	0.2018	22.05	0.1603
Lowest	16QAM	1	24	1	0	23.04	0.2014	22.04	0.1600
Middle		1	24	1	0	22.91	0.1954	21.91	0.1552
Highest		1	24	1	0	23.04	0.2014	22.04	0.1600
Lowest	64QAM	1	24	1	0	21.61	0.1449	20.61	0.1151
Middle		1	24	1	0	21.49	0.1409	20.49	0.1119
Highest		1	24	1	0	21.48	0.1406	20.48	0.1117
Limit	EIRP < 1W					Result		PASS	

LTE Band 66B_CA / 5 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	0	25	0	22.06	0.1607	21.06	0.1276
Middle		25	0	25	0	22.04	0.1600	21.04	0.1271
Highest		25	0	25	0	21.99	0.1581	20.99	0.1256
Lowest	16QAM	25	0	25	0	21.01	0.1262	20.01	0.1002
Middle		25	0	25	0	21.00	0.1259	20.00	0.1000
Highest		25	0	25	0	20.93	0.1239	19.93	0.0984
Lowest	64QAM	25	0	25	0	21.06	0.1276	20.06	0.1014
Middle		25	0	25	0	21.04	0.1271	20.04	0.1009
Highest		25	0	25	0	21.13	0.1297	20.13	0.1030
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 20 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	24.26	0.2667	23.26	0.2118
Middle		1	99	1	0	24.22	0.2642	23.22	0.2099
Highest		1	99	1	0	24.17	0.2612	23.17	0.2075
Lowest	16QAM	1	99	1	0	23.69	0.2339	22.69	0.1858
Middle		1	99	1	0	23.68	0.2333	22.68	0.1854
Highest		1	99	1	0	23.76	0.2377	22.76	0.1888
Lowest	64QAM	1	99	1	0	23.14	0.2061	22.14	0.1637
Middle		1	99	1	0	23.08	0.2032	22.08	0.1614
Highest		1	99	1	0	23.11	0.2046	22.11	0.1626
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 20 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.82	0.2410	22.82	0.1914
Middle		1	74	1	0	24.00	0.2512	23.00	0.1995
Highest		1	74	1	0	24.08	0.2559	23.08	0.2032
Lowest	16QAM	1	74	1	0	23.78	0.2388	22.78	0.1897
Middle		1	74	1	0	24.26	0.2667	23.26	0.2118
Highest		1	74	1	0	23.88	0.2443	22.88	0.1941
Lowest	64QAM	1	74	1	0	23.22	0.2099	22.22	0.1667
Middle		1	74	1	0	22.49	0.1774	21.49	0.1409
Highest		1	74	1	0	22.93	0.1963	21.93	0.1560
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 15 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.46	0.2218	22.46	0.1762
Middle		1	74	1	0	23.97	0.2495	22.97	0.1982
Highest		1	74	1	0	23.95	0.2483	22.95	0.1972
Lowest	16QAM	1	74	1	0	23.76	0.2377	22.76	0.1888
Middle		1	74	1	0	23.86	0.2432	22.86	0.1932
Highest		1	74	1	0	23.98	0.2500	22.98	0.1986
Lowest	64QAM	1	74	1	0	23.03	0.2009	22.03	0.1596
Middle		1	74	1	0	22.50	0.1778	21.50	0.1413
Highest		1	74	1	0	22.84	0.1923	21.84	0.1528
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 20 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	23.19	0.2084	22.19	0.1656
Middle		1	99	1	0	24.02	0.2523	23.02	0.2004
Highest		1	99	1	0	24.08	0.2559	23.08	0.2032
Lowest	16QAM	1	99	1	0	23.88	0.2443	22.88	0.1941
Middle		1	99	1	0	24.31	0.2698	23.31	0.2143
Highest		1	99	1	0	23.37	0.2173	22.37	0.1726
Lowest	64QAM	1	99	1	0	22.69	0.1858	21.69	0.1476
Middle		1	99	1	0	22.28	0.1690	21.28	0.1343
Highest		1	99	1	0	22.50	0.1778	21.50	0.1413
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 10 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	23.38	0.2178	22.38	0.1730
Middle		1	49	1	0	23.83	0.2415	22.83	0.1919
Highest		1	49	1	0	24.03	0.2529	23.03	0.2009
Lowest	16QAM	1	49	1	0	23.60	0.2291	22.60	0.1820
Middle		1	49	1	0	23.78	0.2388	22.78	0.1897
Highest		1	49	1	0	24.25	0.2661	23.25	0.2113
Lowest	64QAM	1	49	1	0	22.86	0.1932	21.86	0.1535
Middle		1	49	1	0	23.20	0.2089	22.20	0.1660
Highest		1	49	1	0	22.05	0.1603	21.05	0.1274
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 20 + 5 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	23.84	0.2421	22.84	0.1923
Middle		1	99	1	0	24.02	0.2523	23.02	0.2004
Highest		1	99	1	0	24.04	0.2535	23.04	0.2014
Lowest	16QAM	1	99	1	0	23.75	0.2371	22.75	0.1884
Middle		1	99	1	0	23.81	0.2404	22.81	0.1910
Highest		1	99	1	0	24.11	0.2576	23.11	0.2046
Lowest	64QAM	1	99	1	0	22.55	0.1799	21.55	0.1429
Middle		1	99	1	0	22.31	0.1702	21.31	0.1352
Highest		1	99	1	0	22.23	0.1671	21.23	0.1327
Limit	EIRP < 1W					Result		PASS	



LTE Band 66C_CA / 5 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	23.86	0.2432	22.86	0.1932
Middle		1	24	1	0	23.92	0.2466	22.92	0.1959
Highest		1	24	1	0	23.91	0.2460	22.91	0.1954
Lowest	16QAM	1	24	1	0	23.53	0.2254	22.53	0.1791
Middle		1	24	1	0	23.87	0.2438	22.87	0.1936
Highest		1	24	1	0	24.07	0.2553	23.07	0.2028
Lowest	64QAM	1	24	1	0	22.54	0.1795	21.54	0.1426
Middle		1	24	1	0	22.92	0.1959	21.92	0.1556
Highest		1	24	1	0	22.59	0.1816	21.59	0.1442
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 15 + 10 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	23.86	0.2432	22.86	0.1932
Middle		1	74	1	0	24.17	0.2612	23.17	0.2075
Highest		1	74	1	0	23.92	0.2466	22.92	0.1959
Lowest	16QAM	1	74	1	0	24.34	0.2716	23.34	0.2158
Middle		1	74	1	0	23.65	0.2317	22.65	0.1841
Highest		1	74	1	0	24.25	0.2661	23.25	0.2113
Lowest	64QAM	1	74	1	0	23.26	0.2118	22.26	0.1683
Middle		1	74	1	0	22.49	0.1774	21.49	0.1409
Highest		1	74	1	0	22.79	0.1901	21.79	0.1510
Limit	EIRP < 1W					Result		PASS	

LTE Band 66C_CA / 10 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	23.58	0.2280	22.58	0.1811
Middle		1	49	1	0	23.83	0.2415	22.83	0.1919
Highest		1	49	1	0	23.86	0.2432	22.86	0.1932
Lowest	16QAM	1	49	1	0	23.48	0.2228	22.48	0.1770
Middle		1	49	1	0	23.29	0.2133	22.29	0.1694
Highest		1	49	1	0	24.11	0.2576	23.11	0.2046
Lowest	64QAM	1	49	1	0	22.93	0.1963	21.93	0.1560
Middle		1	49	1	0	22.57	0.1807	21.57	0.1435
Highest		1	49	1	0	23.20	0.2089	22.20	0.1660
Limit	EIRP < 1W					Result		PASS	



FCC RADIO TEST REPORT

Report No. : FG9D0701B

LTE Band 66C_CA / 15 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	24.24	0.2655	23.24	0.2109
Middle		1	74	1	0	23.97	0.2495	22.97	0.1982
Highest		1	74	1	0	24.01	0.2518	23.01	0.2000
Lowest	16QAM	1	74	1	0	23.71	0.2350	22.71	0.1866
Middle		1	74	1	0	23.89	0.2449	22.89	0.1945
Highest		1	74	1	0	24.19	0.2624	23.19	0.2084
Lowest	64QAM	1	74	1	0	22.77	0.1892	21.77	0.1503
Middle		1	74	1	0	22.51	0.1782	21.51	0.1416
Highest		1	74	1	0	22.31	0.1702	21.31	0.1352
Limit	EIRP < 1W					Result		PASS	

**ERP/EIRP**

<CP OFDM>

NR n2 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	21.75	0.1497	20.75	0.1189
Middle		1	1	21.65	0.1463	20.65	0.1162
Highest		1	1	22.01	0.1589	21.01	0.1262
Lowest	16QAM	1	1	21.26	0.1337	20.26	0.1062
Middle		1	1	21.29	0.1346	20.29	0.1070
Highest		1	1	21.43	0.1390	20.43	0.1105
Lowest	64QAM	1	1	19.57	0.0906	18.57	0.0720
Middle		1	1	19.55	0.0902	18.55	0.0717
Highest		1	1	19.54	0.0900	18.54	0.0715
Lowest	256QAM	1	1	16.03	0.0401	15.03	0.0319
Middle		1	1	15.94	0.0393	14.94	0.0312
Highest		1	1	16.08	0.0406	15.08	0.0323
Limit	EIRP < 2W			Result		PASS	

NR n2 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	21.66	0.1466	20.66	0.1165
Middle		1	1	21.54	0.1426	20.54	0.1133
Highest		1	1	22.02	0.1593	21.02	0.1265
Lowest	16QAM	1	1	20.98	0.1254	19.98	0.0996
Middle		1	1	20.96	0.1248	19.96	0.0991
Highest		1	1	21.49	0.1410	20.49	0.1120
Lowest	64QAM	1	1	19.71	0.0936	18.71	0.0744
Middle		1	1	19.39	0.0869	18.39	0.0691
Highest		1	1	19.58	0.0908	18.58	0.0722
Lowest	256QAM	1	1	15.67	0.0369	14.67	0.0294
Middle		1	1	15.61	0.0364	14.61	0.0290
Highest		1	1	15.69	0.0371	14.69	0.0295
Limit	EIRP < 2W			Result		PASS	



NR n2 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	21.95	0.1567	20.95	0.1245
Middle		1	1	21.87	0.1539	20.87	0.1222
Highest		1	1	21.82	0.1521	20.82	0.1208
Lowest	16QAM	1	1	21.48	0.1407	20.48	0.1117
Middle		1	1	21.36	0.1368	20.36	0.1087
Highest		1	1	21.45	0.1397	20.45	0.1110
Lowest	64QAM	1	1	19.84	0.0964	18.84	0.0766
Middle		1	1	19.59	0.0910	18.59	0.0723
Highest		1	1	19.81	0.0958	18.81	0.0761
Lowest	256QAM	1	1	16.31	0.0428	15.31	0.0340
Middle		1	1	15.92	0.0391	14.92	0.0311
Highest		1	1	16.02	0.0400	15.02	0.0318
Limit	EIRP < 2W			Result		PASS	

NR n2 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	21.77	0.1504	20.77	0.1194
Middle		1	1	21.41	0.1384	20.41	0.1100
Highest		1	1	21.47	0.1403	20.47	0.1115
Lowest	16QAM	1	1	21.30	0.1349	20.30	0.1072
Middle		1	1	20.87	0.1222	19.87	0.0971
Highest		1	1	20.99	0.1257	19.99	0.0998
Lowest	64QAM	1	1	19.47	0.0886	18.47	0.0704
Middle		1	1	19.40	0.0871	18.40	0.0692
Highest		1	1	19.46	0.0884	18.46	0.0702
Lowest	256QAM	1	1	15.89	0.0389	14.89	0.0309
Middle		1	1	15.48	0.0354	14.48	0.0281
Highest		1	1	15.43	0.0350	14.43	0.0278
Limit	EIRP < 2W			Result		PASS	



NR n5 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.73	0.1875	16.08	0.0406
Middle		1	1	22.79	0.1902	16.14	0.0412
Highest		1	1	22.46	0.1762	15.81	0.0382
Lowest	16QAM	1	1	22.17	0.1649	15.52	0.0357
Middle		1	1	22.03	0.1596	15.38	0.0346
Highest		1	1	21.94	0.1564	15.29	0.0339
Lowest	64QAM	1	1	20.67	0.1167	14.02	0.0253
Middle		1	1	20.42	0.1102	13.77	0.0239
Highest		1	1	20.38	0.1092	13.73	0.0237
Lowest	256QAM	1	1	17.80	0.0603	11.15	0.0131
Middle		1	1	17.45	0.0556	10.80	0.0121
Highest		1	1	17.52	0.0565	10.87	0.0123
Limit	ERP < 7W			Result		PASS	

NR n5 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.83	0.1919	16.18	0.0415
Middle		1	1	22.62	0.1829	15.97	0.0396
Highest		1	1	22.43	0.1750	15.78	0.0379
Lowest	16QAM	1	1	22.24	0.1675	15.59	0.0363
Middle		1	1	21.95	0.1567	15.30	0.0339
Highest		1	1	21.90	0.1549	15.25	0.0335
Lowest	64QAM	1	1	20.47	0.1115	13.82	0.0241
Middle		1	1	20.29	0.1070	13.64	0.0232
Highest		1	1	20.22	0.1052	13.57	0.0228
Lowest	256QAM	1	1	17.53	0.0567	10.88	0.0123
Middle		1	1	17.48	0.0560	10.83	0.0122
Highest		1	1	17.31	0.0539	10.66	0.0117
Limit	ERP < 7W			Result		PASS	



NR n5 / 15MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.90	0.1950	16.25	0.0422
Middle		1	1	22.95	0.1973	16.30	0.0427
Highest		1	1	22.85	0.1928	16.20	0.0417
Lowest	16QAM	1	1	22.52	0.1787	15.87	0.0387
Middle		1	1	22.36	0.1722	15.71	0.0373
Highest		1	1	22.34	0.1714	15.69	0.0371
Lowest	64QAM	1	1	20.70	0.1175	14.05	0.0255
Middle		1	1	20.65	0.1162	14.00	0.0252
Highest		1	1	20.61	0.1151	13.96	0.0249
Lowest	256QAM	1	1	17.71	0.0591	11.06	0.0128
Middle		1	1	17.61	0.0577	10.96	0.0125
Highest		1	1	17.00	0.0502	10.35	0.0109
Limit	ERP < 7W			Result		PASS	

NR n5 / 20MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.97	0.1982	16.32	0.0429
Middle		1	1	23.05	0.2019	16.40	0.0437
Highest		1	1	23.02	0.2005	16.37	0.0434
Lowest	16QAM	1	1	22.02	0.1593	15.37	0.0345
Middle		1	1	22.37	0.1726	15.72	0.0374
Highest		1	1	22.70	0.1863	16.05	0.0403
Lowest	64QAM	1	1	20.25	0.1060	13.60	0.0230
Middle		1	1	20.47	0.1115	13.82	0.0241
Highest		1	1	20.97	0.1251	14.32	0.0271
Lowest	256QAM	1	1	17.89	0.0616	11.24	0.0134
Middle		1	1	17.97	0.0627	11.32	0.0136
Highest		1	1	17.81	0.0604	11.16	0.0131
Limit	ERP < 7W			Result		PASS	



NR n66 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.29	0.1695	21.29	0.1346
Middle		1	1	22.28	0.1691	21.28	0.1343
Highest		1	1	22.06	0.1607	21.06	0.1277
Lowest	16QAM	1	1	21.48	0.1407	20.48	0.1117
Middle		1	1	21.57	0.1436	20.57	0.1141
Highest		1	1	21.56	0.1433	20.56	0.1138
Lowest	64QAM	1	1	19.64	0.0921	18.64	0.0732
Middle		1	1	19.74	0.0942	18.74	0.0749
Highest		1	1	19.66	0.0925	18.66	0.0735
Lowest	256QAM	1	1	16.23	0.0420	15.23	0.0334
Middle		1	1	16.32	0.0429	15.32	0.0341
Highest		1	1	16.28	0.0425	15.28	0.0338
Limit	EIRP < 1W			Result		PASS	

NR n66 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.03	0.1596	21.03	0.1268
Middle		1	1	22.24	0.1675	21.24	0.1331
Highest		1	1	22.01	0.1589	21.01	0.1262
Lowest	16QAM	1	1	21.47	0.1403	20.47	0.1115
Middle		1	1	21.63	0.1456	20.63	0.1157
Highest		1	1	21.83	0.1525	20.83	0.1211
Lowest	64QAM	1	1	19.87	0.0971	18.87	0.0771
Middle		1	1	19.70	0.0934	18.70	0.0742
Highest		1	1	19.82	0.0960	18.82	0.0763
Lowest	256QAM	1	1	16.29	0.0426	15.29	0.0339
Middle		1	1	16.25	0.0422	15.25	0.0335
Highest		1	1	16.38	0.0435	15.38	0.0346
Limit	EIRP < 1W			Result		PASS	



NR n66 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.25	0.1679	21.25	0.1334
Middle		1	1	22.43	0.1750	21.43	0.1390
Highest		1	1	22.33	0.1711	21.33	0.1359
Lowest	16QAM	1	1	21.72	0.1486	20.72	0.1181
Middle		1	1	21.85	0.1532	20.85	0.1217
Highest		1	1	21.70	0.1480	20.70	0.1175
Lowest	64QAM	1	1	20.08	0.1019	19.08	0.0810
Middle		1	1	20.05	0.1012	19.05	0.0804
Highest		1	1	19.90	0.0978	18.90	0.0777
Lowest	256QAM	1	1	16.55	0.0452	15.55	0.0359
Middle		1	1	16.57	0.0454	15.57	0.0361
Highest		1	1	16.62	0.0460	15.62	0.0365
Limit	EIRP < 1W			Result		PASS	

NR n66 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.43	0.1750	21.43	0.1390
Middle		1	1	22.35	0.1718	21.35	0.1365
Highest		1	1	22.42	0.1746	21.42	0.1387
Lowest	16QAM	1	1	21.65	0.1463	20.65	0.1162
Middle		1	1	21.75	0.1497	20.75	0.1189
Highest		1	1	21.76	0.1500	20.76	0.1192
Lowest	64QAM	1	1	20.09	0.1021	19.09	0.0811
Middle		1	1	20.22	0.1052	19.22	0.0836
Highest		1	1	19.90	0.0978	18.90	0.0777
Lowest	256QAM	1	1	16.34	0.0431	15.34	0.0342
Middle		1	1	16.33	0.0430	15.33	0.0342
Highest		1	1	16.53	0.0450	15.53	0.0358
Limit	EIRP < 1W			Result		PASS	



<DFT-S OFDM>

NR n2 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.63	0.1833	21.63	0.1456
Middle		1	1	22.93	0.1964	21.93	0.1560
Highest		1	1	23.06	0.2024	22.06	0.1607
Lowest	QPSK	12	6	23.05	0.2019	22.05	0.1604
Middle		12	6	22.91	0.1955	21.91	0.1553
Highest		12	6	23.04	0.2014	22.04	0.1600
Lowest	16QAM	12	6	22.12	0.1630	21.12	0.1295
Middle		12	6	22.05	0.1604	21.05	0.1274
Highest		12	6	22.42	0.1746	21.42	0.1387
Lowest	64QAM	25	0	20.57	0.1141	19.57	0.0906
Middle		25	0	20.55	0.1136	19.55	0.0902
Highest		25	0	20.91	0.1234	19.91	0.0980
Lowest	256QAM	12	6	18.88	0.0773	17.88	0.0614
Middle		12	6	18.74	0.0749	17.74	0.0595
Highest		12	6	18.72	0.0745	17.72	0.0592
Limit	EIRP < 2W			Result		PASS	

NR n2 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.09	0.2038	22.09	0.1619
Middle		1	1	23.01	0.2000	22.01	0.1589
Highest		1	1	23.11	0.2047	22.11	0.1626
Lowest	QPSK	1	50	22.96	0.1977	21.96	0.1571
Middle		1	50	22.81	0.1910	21.81	0.1518
Highest		1	50	23.09	0.2038	22.09	0.1619
Lowest	16QAM	1	1	22.29	0.1695	21.29	0.1346
Middle		1	1	22.15	0.1641	21.15	0.1304
Highest		1	1	22.45	0.1758	21.45	0.1397
Lowest	64QAM	25	12	20.79	0.1200	19.79	0.0953
Middle		25	12	20.64	0.1159	19.64	0.0921
Highest		25	12	20.85	0.1217	19.85	0.0967
Lowest	256QAM	50	0	18.85	0.0768	17.85	0.0610
Middle		50	0	18.45	0.0700	17.45	0.0556
Highest		50	0	18.64	0.0732	17.64	0.0581
Limit	EIRP < 2W			Result		PASS	



NR n2 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.11	0.2047	22.11	0.1626
Middle		1	1	22.92	0.1959	21.92	0.1556
Highest		1	1	23.04	0.2014	22.04	0.1600
Lowest	QPSK	1	77	23.01	0.2000	22.01	0.1589
Middle		1	77	22.55	0.1799	21.55	0.1429
Highest		1	77	23.09	0.2038	22.09	0.1619
Lowest	16QAM	1	1	22.34	0.1714	21.34	0.1362
Middle		1	1	22.19	0.1656	21.19	0.1316
Highest		1	1	22.23	0.1672	21.23	0.1328
Lowest	64QAM	75	0	20.81	0.1206	19.81	0.0958
Middle		75	0	20.72	0.1181	19.72	0.0938
Highest		75	0	20.84	0.1214	19.84	0.0964
Lowest	256QAM	75	0	18.82	0.0763	17.82	0.0606
Middle		75	0	18.64	0.0732	17.64	0.0581
Highest		75	0	18.77	0.0754	17.77	0.0599
Limit	EIRP < 2W			Result		PASS	

NR n2 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.84	0.1924	21.84	0.1528
Middle		1	1	22.91	0.1955	21.91	0.1553
Highest		1	1	22.66	0.1846	21.66	0.1466
Lowest	QPSK	1	1	22.79	0.1902	21.79	0.1511
Middle		1	1	22.87	0.1937	21.87	0.1539
Highest		1	1	22.67	0.1850	21.67	0.1469
Lowest	16QAM	50	25	21.89	0.1546	20.89	0.1228
Middle		50	25	22.02	0.1593	21.02	0.1265
Highest		50	25	22.11	0.1626	21.11	0.1292
Lowest	64QAM	50	25	20.39	0.1094	19.39	0.0869
Middle		50	25	20.45	0.1110	19.45	0.0882
Highest		50	25	20.54	0.1133	19.54	0.0900
Lowest	256QAM	100	0	18.53	0.0713	17.53	0.0567
Middle		100	0	18.48	0.0705	17.48	0.0560
Highest		100	0	18.29	0.0675	17.29	0.0536
Limit	EIRP < 2W			Result		PASS	



NR n5 / 5MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.58	0.2281	16.93	0.0494
Middle		1	1	23.28	0.2129	16.63	0.0461
Highest		1	1	23.15	0.2066	16.50	0.0447
Lowest	QPSK	1	1	23.45	0.2214	16.80	0.0479
Middle		1	1	23.20	0.2090	16.55	0.0452
Highest		1	1	23.04	0.2014	16.39	0.0436
Lowest	16QAM	12	6	22.61	0.1824	15.96	0.0395
Middle		12	6	22.31	0.1703	15.66	0.0369
Highest		12	6	22.34	0.1714	15.69	0.0371
Lowest	64QAM	25	0	21.12	0.1295	14.47	0.0280
Middle		25	0	20.82	0.1208	14.17	0.0262
Highest		25	0	20.83	0.1211	14.18	0.0262
Lowest	256QAM	12	6	19.16	0.0825	12.51	0.0179
Middle		12	6	18.90	0.0777	12.25	0.0168
Highest		12	6	18.88	0.0773	12.23	0.0168
Limit	ERP < 7W			Result		PASS	

NR n5 / 10MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.35	0.2163	16.70	0.0468
Middle		1	1	23.41	0.2193	16.76	0.0475
Highest		1	1	22.98	0.1987	16.33	0.0430
Lowest	QPSK	25	12	23.25	0.2114	16.60	0.0458
Middle		25	12	23.20	0.2090	16.55	0.0452
Highest		25	12	22.97	0.1982	16.32	0.0429
Lowest	16QAM	1	1	22.41	0.1742	15.76	0.0377
Middle		1	1	22.51	0.1783	15.86	0.0386
Highest		1	1	22.03	0.1596	15.38	0.0346
Lowest	64QAM	25	12	20.90	0.1231	14.25	0.0267
Middle		25	12	20.92	0.1236	14.27	0.0268
Highest		25	12	20.57	0.1141	13.92	0.0247
Lowest	256QAM	25	12	18.78	0.0756	12.13	0.0164
Middle		25	12	18.87	0.0771	12.22	0.0167
Highest		25	12	18.55	0.0717	11.90	0.0155
Limit	ERP < 7W			Result		PASS	



NR n5 / 15MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.66	0.2323	17.01	0.0503
Middle		1	1	23.62	0.2302	16.97	0.0498
Highest		1	1	23.53	0.2255	16.88	0.0488
Lowest	QPSK	1	1	23.58	0.2281	16.93	0.0494
Middle		1	1	23.47	0.2224	16.82	0.0481
Highest		1	1	23.39	0.2183	16.74	0.0473
Lowest	16QAM	1	1	22.80	0.1906	16.15	0.0413
Middle		1	1	22.68	0.1854	16.03	0.0401
Highest		1	1	22.60	0.1820	15.95	0.0394
Lowest	64QAM	1	0	21.25	0.1334	14.60	0.0289
Middle		1	0	20.93	0.1239	14.28	0.0268
Highest		1	0	20.88	0.1225	14.23	0.0265
Lowest	256QAM	75	0	19.06	0.0806	12.41	0.0175
Middle		75	0	19.02	0.0798	12.37	0.0173
Highest		75	0	19.00	0.0795	12.35	0.0172
Limit	ERP < 7W			Result		PASS	

NR n5 / 20MHz (Average) (GT - LC = -4.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.69	0.2339	17.04	0.0506
Middle		1	1	23.79	0.2394	17.14	0.0518
Highest		1	1	23.65	0.2318	17.00	0.0502
Lowest	QPSK	1	1	23.40	0.2188	16.75	0.0474
Middle		1	1	23.71	0.2350	17.06	0.0509
Highest		1	1	23.68	0.2334	17.03	0.0505
Lowest	16QAM	1	1	22.72	0.1871	16.07	0.0405
Middle		1	1	22.88	0.1941	16.23	0.0420
Highest		1	1	22.80	0.1906	16.15	0.0413
Lowest	64QAM	1	0	21.16	0.1307	14.51	0.0283
Middle		1	0	21.19	0.1316	14.54	0.0285
Highest		1	0	21.05	0.1274	14.40	0.0276
Lowest	256QAM	100	0	19.05	0.0804	12.40	0.0174
Middle		100	0	19.20	0.0832	12.55	0.0180
Highest		100	0	19.11	0.0815	12.46	0.0177
Limit	ERP < 7W			Result		PASS	



NR n66 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.27	0.2124	22.27	0.1687
Middle		1	1	23.26	0.2119	22.26	0.1683
Highest		1	1	23.23	0.2104	22.23	0.1672
Lowest	QPSK	12	6	23.15	0.2066	22.15	0.1641
Middle		12	6	23.16	0.2071	22.16	0.1645
Highest		12	6	23.21	0.2095	22.21	0.1664
Lowest	16QAM	12	6	22.27	0.1687	21.27	0.1340
Middle		12	6	22.41	0.1742	21.41	0.1384
Highest		12	6	22.30	0.1699	21.30	0.1349
Lowest	64QAM	25	0	20.72	0.1181	19.72	0.0938
Middle		25	0	20.98	0.1254	19.98	0.0996
Highest		25	0	20.76	0.1192	19.76	0.0947
Lowest	256QAM	25	0	18.64	0.0732	17.64	0.0581
Middle		25	0	18.90	0.0777	17.90	0.0617
Highest		25	0	18.71	0.0744	17.71	0.0591
Limit	EIRP < 1W			Result		PASS	

NR n66 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.34	0.2158	22.34	0.1714
Middle		1	1	23.30	0.2138	22.30	0.1699
Highest		1	1	23.30	0.2138	22.30	0.1699
Lowest	QPSK	25	12	23.30	0.2138	22.30	0.1699
Middle		25	12	23.22	0.2099	22.22	0.1668
Highest		25	12	23.25	0.2114	22.25	0.1679
Lowest	16QAM	25	12	22.51	0.1783	21.51	0.1416
Middle		25	12	22.50	0.1779	21.50	0.1413
Highest		25	12	22.46	0.1762	21.46	0.1400
Lowest	64QAM	25	12	20.93	0.1239	19.93	0.0985
Middle		25	12	20.77	0.1194	19.77	0.0949
Highest		25	12	20.90	0.1231	19.90	0.0978
Lowest	256QAM	25	12	18.87	0.0771	17.87	0.0613
Middle		25	12	18.75	0.0750	17.75	0.0596
Highest		25	12	18.92	0.0780	17.92	0.0620
Limit	EIRP < 1W			Result		PASS	



NR n66 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	0	1	23.54	0.2260	22.54	0.1795
Middle		0	1	23.54	0.2260	22.54	0.1795
Highest		0	1	23.61	0.2297	22.61	0.1824
Lowest	QPSK	1	1	23.45	0.2214	22.45	0.1758
Middle		1	1	23.51	0.2244	22.51	0.1783
Highest		1	1	23.50	0.2239	22.50	0.1779
Lowest	16QAM	1	1	22.61	0.1824	21.61	0.1449
Middle		1	1	22.85	0.1928	21.85	0.1532
Highest		1	1	22.67	0.1850	21.67	0.1469
Lowest	64QAM	75	0	21.02	0.1265	20.02	0.1005
Middle		75	0	21.01	0.1262	20.01	0.1003
Highest		75	0	21.12	0.1295	20.12	0.1029
Lowest	256QAM	36	18	18.77	0.0754	17.77	0.0599
Middle		36	18	19.02	0.0798	18.02	0.0634
Highest		36	18	18.93	0.0782	17.93	0.0621
Limit	EIRP < 1W			Result		PASS	

NR n66 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.51	0.2244	22.51	0.1783
Middle		1	1	23.53	0.2255	22.53	0.1791
Highest		1	1	23.67	0.2329	22.67	0.1850
Lowest	QPSK	1	1	23.39	0.2183	22.39	0.1734
Middle		1	1	23.51	0.2244	22.51	0.1783
Highest		1	1	23.53	0.2255	22.53	0.1791
Lowest	16QAM	1	1	22.57	0.1808	21.57	0.1436
Middle		1	1	22.79	0.1902	21.79	0.1511
Highest		1	1	22.71	0.1867	21.71	0.1483
Lowest	64QAM	100	0	21.02	0.1265	20.02	0.1005
Middle		100	0	21.91	0.1553	20.91	0.1234
Highest		100	0	21.25	0.1334	20.25	0.1060
Lowest	256QAM	100	0	18.95	0.0786	17.95	0.0624
Middle		100	0	18.82	0.0763	17.82	0.0606
Highest		100	0	19.08	0.0810	18.08	0.0643
Limit	EIRP < 1W			Result		PASS	

**Radiated Spurious Emission**

<For Upper Antenna>

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	-61.08	-13	-48.08	-74.05	-66.47	1.23	8.76	H
	2473	-58.27	-13	-45.27	-75.1	-65.16	1.44	10.48	H
	3298	-57.44	-13	-44.44	-76.03	-65.38	1.70	11.79	H
									H
									H
	1648	-62.00	-13	-49.00	-74.85	-67.39	1.23	8.76	V
	2473	-57.21	-13	-44.21	-74.33	-64.10	1.44	10.48	V
	3298	-56.79	-13	-43.79	-75.78	-64.73	1.70	11.79	V
									V
									V
Middle	1664	-62.42	-13	-49.42	-75.43	-67.86	1.23	8.82	H
	2496	-58.40	-13	-45.40	-75.17	-65.31	1.44	10.50	H
	3328	-57.52	-13	-44.52	-75.91	-65.53	1.73	11.88	H
									H
									H
	1664	-61.79	-13	-48.79	-74.68	-67.23	1.23	8.82	V
	2496	-57.10	-13	-44.10	-74.08	-64.01	1.44	10.50	V
	3328	-57.03	-13	-44.03	-75.9	-65.04	1.73	11.88	V
									V
									V
Highest	1680	-61.95	-13	-48.95	-74.99	-67.45	1.24	8.88	H
	2520	-57.44	-13	-44.44	-74.23	-64.37	1.44	10.52	H
	3360	-57.38	-13	-44.38	-75.59	-65.45	1.76	11.98	H
									H
									H
	1680	-62.27	-13	-49.27	-75.21	-67.77	1.24	8.88	V
	2520	-54.72	-13	-41.72	-71.71	-61.65	1.44	10.52	V
	3360	-56.78	-13	-43.78	-75.56	-64.85	1.76	11.98	V
									V
									V

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

**LTE Band 26**

LTE 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	-62.00	-13	-49.00	-74.97	-67.39	1.23	8.76	H
	2472	-57.34	-13	-44.34	-74.17	-64.23	1.44	10.48	H
	3299	-57.32	-13	-44.32	-75.9	-65.26	1.71	11.80	H
									H
									H
									H
	1648	-61.81	-13	-48.81	-74.66	-67.20	1.23	8.76	V
	2472	-58.00	-13	-45.00	-75.12	-64.89	1.44	10.48	V
	3299	-56.61	-13	-43.61	-75.59	-64.55	1.71	11.80	V
									V
									V
									V
Middle	1656	-61.92	-13	-48.92	-74.91	-67.33	1.23	8.79	H
	2489	-58.70	-13	-45.70	-75.49	-65.60	1.44	10.49	H
	3319	-56.95	-13	-43.95	-75.4	-64.94	1.72	11.86	H
									H
									H
									H
	1656	-62.07	-13	-49.07	-74.93	-67.48	1.23	8.79	V
	2489	-58.55	-13	-45.55	-75.57	-65.45	1.44	10.49	V
	3319	-57.01	-13	-44.01	-75.92	-65.00	1.72	11.86	V
									V
									V
									V
Highest	1672	-61.72	-13	-48.72	-74.74	-67.19	1.24	8.85	H
	2504	-57.12	-13	-44.12	-73.88	-64.03	1.44	10.50	H
	3339	-57.55	-13	-44.55	-75.88	-65.58	1.74	11.92	H
									H
									H
									H
	1672	-62.24	-13	-49.24	-75.15	-67.71	1.24	8.85	V
	2504	-58.45	-13	-45.45	-75.4	-65.36	1.44	10.50	V
	3339	-57.03	-13	-44.03	-75.88	-65.06	1.74	11.92	V
									V
									V
									V

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

**LTE CA 5B**

LTE Band 5 / 10MHz+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	1666	-61.92	-13	-48.92	-74.92	-67.37	1.23	8.83	H
	2504	-56.11	-13	-43.11	-72.87	-63.02	1.44	10.50	H
	3336	-57.55	-13	-44.55	-75.9	-65.57	1.74	11.91	H
									H
									H
									H
	1666	-62.31	-13	-49.31	-75.2	-67.76	1.23	8.83	V
	2504	-54.95	-13	-41.95	-71.9	-61.86	1.44	10.50	V
	3336	-56.58	-13	-43.58	-75.44	-64.60	1.74	11.91	V
									V
									V
									V
Middle	1672	-61.89	-13	-48.89	-74.91	-67.36	1.24	8.85	H
	2512	-55.72	-13	-42.72	-72.49	-62.64	1.44	10.51	H
	3344	-57.67	-13	-44.67	-75.97	-65.71	1.74	11.93	H
									H
									H
									H
	1672	-62.42	-13	-49.42	-75.33	-67.89	1.24	8.85	V
	2512	-53.65	-13	-40.65	-70.61	-60.57	1.44	10.51	V
	3344	-57.28	-13	-44.28	-76.11	-65.32	1.74	11.93	V
									V
									V
									V
Highest	1677	-61.48	-13	-48.48	-74.51	-66.97	1.24	8.87	H
	2520	-56.87	-13	-43.87	-73.66	-63.80	1.44	10.52	H
	3354	-57.52	-13	-44.52	-75.76	-65.58	1.75	11.96	H
									H
									H
									H
	1677	-62.25	-13	-49.25	-75.18	-67.74	1.24	8.87	V
	2520	-55.61	-13	-42.61	-72.6	-62.54	1.44	10.52	V
	3354	-56.94	-13	-43.94	-75.73	-65.00	1.75	11.96	V
									V
									V
									V

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

**LTE Band 25**

LTE 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	-52.29	-13	-39.29	-72.83	-62.60	1.97	12.28	H
	5555	-49.65	-13	-36.65	-73.22	-59.78	2.14	12.28	H
	7406	-47.47	-13	-34.47	-75.57	-55.47	2.17	10.17	H
									H
									H
									H
	3700	-50.55	-13	-37.55	-71.61	-60.86	1.97	12.28	V
	5555	-44.06	-13	-31.06	-68.25	-54.19	2.14	12.28	V
	7406	-47.43	-13	-34.43	-75.5	-55.43	2.17	10.17	V
									V
									V
									V
Middle	3742	-51.42	-13	-38.42	-72.06	-61.68	2.00	12.25	H
	5611	-49.36	-13	-36.36	-72.88	-59.59	2.13	12.36	H
	7480	-47.43	-13	-34.43	-75.4	-55.34	2.13	10.04	H
									H
									H
									H
	3742	-50.64	-13	-37.64	-71.79	-60.90	2.00	12.25	V
	5611	-46.04	-13	-33.04	-70.21	-56.27	2.13	12.36	V
	7480	-47.93	-13	-34.93	-75.78	-55.84	2.13	10.04	V
									V
									V
									V
Highest	3792	-51.67	-13	-38.67	-72.4	-61.87	2.02	12.22	H
	5688	-49.35	-13	-36.35	-73.19	-59.70	2.11	12.46	H
	7584	-48.17	-13	-35.17	-75.75	-56.36	2.11	10.30	H
									H
									H
									H
	3792	-49.98	-13	-36.98	-71.2	-60.18	2.02	12.22	V
	5688	-46.69	-13	-33.69	-71.12	-57.04	2.11	12.46	V
	7584	-47.45	-13	-34.45	-75	-55.64	2.11	10.30	V
									V
									V
									V

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

**LTE Band 4**

LTE 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	3441	-56.06	-13	-43.06	-75.29	-66.46	1.82	12.22	H
	5163	-44.68	-13	-31.68	-68.11	-54.52	2.29	12.13	H
	6879	-50.05	-13	-37.05	-76.34	-58.69	2.38	11.02	H
									H
									H
									H
	3441	-55.18	-13	-42.18	-74.99	-65.58	1.82	12.22	V
	5163	-38.76	-13	-25.76	-62.75	-48.60	2.29	12.13	V
	6879	-49.69	-13	-36.69	-76.56	-58.33	2.38	11.02	V
									V
									V
									V
Middle	3462	-56.23	-13	-43.23	-75.66	-66.68	1.84	12.29	H
	5198	-51.07	-13	-38.07	-74.53	-60.93	2.28	12.14	H
	6927	-49.45	-13	-36.45	-75.89	-58.03	2.40	10.97	H
									H
									H
									H
	3462	-54.18	-13	-41.18	-74.14	-64.63	1.84	12.29	V
	5198	-41.07	-13	-28.07	-65.08	-50.93	2.28	12.14	V
	6927	-48.92	-13	-35.92	-75.97	-57.50	2.40	10.97	V
									V
									V
									V
Highest	3490	-54.22	-13	-41.22	-73.9	-64.73	1.86	12.37	H
	5233	-51.24	-13	-38.24	-74.73	-61.12	2.26	12.15	H
	6983	-49.05	-13	-36.05	-75.67	-57.55	2.41	10.92	H
									H
									H
									H
	3490	-52.88	-13	-39.88	-73.03	-63.39	1.86	12.37	V
	5233	-49.46	-13	-36.46	-73.49	-59.34	2.26	12.15	V
	6983	-48.44	-13	-35.44	-75.72	-56.94	2.41	10.92	V
									V
									V
									V

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

**LTE CA 66B**

LTE Band 66 / 10MHz+10MHz / 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	3441	-55.76	-13	-42.76	-74.99	-66.16	1.82	12.22	H
	5163	-51.03	-13	-38.03	-74.46	-60.87	2.29	12.13	H
	6884	-49.64	-13	-36.64	-75.94	-58.28	2.38	11.02	H
									H
									H
									H
	3441	-54.31	-13	-41.31	-74.12	-64.71	1.82	12.22	V
	5163	-51.07	-13	-38.07	-75.06	-60.91	2.29	12.13	V
	6884	-49.17	-13	-36.17	-76.05	-57.81	2.38	11.02	V
									V
									V
									V
Middle	3511	-53.65	-13	-40.65	-73.48	-64.17	1.88	12.39	H
	5268	-46.25	-13	-33.25	-69.77	-56.15	2.25	12.15	H
	7025	-48.13	-13	-35.13	-74.94	-56.58	2.40	10.86	H
									H
									H
									H
	3511	-53.74	-13	-40.74	-74.03	-64.26	1.88	12.39	V
	5268	-39.99	-13	-26.99	-64.04	-49.89	2.25	12.15	V
	7025	-47.59	-13	-34.59	-75.03	-56.04	2.40	10.86	V
									V
									V
									V
Highest	3539	-54.53	-13	-41.53	-74.51	-65.02	1.89	12.38	H
	5310	-50.54	-13	-37.54	-74.09	-60.47	2.23	12.16	H
	7074	-48.09	-13	-35.09	-75.17	-56.48	2.37	10.77	H
									H
									H
									H
	3539	-53.28	-13	-40.28	-73.75	-63.77	1.89	12.38	V
	5310	-42.05	-13	-29.05	-66.12	-51.98	2.23	12.16	V
	7074	-47.46	-13	-34.46	-75.1	-55.85	2.37	10.77	V
									V
									V
									V

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

**LTE CA 66C**

LTE Band 66 / 20MHz+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	3457	-54.06	-13	-41.06	-73.44	-64.50	1.83	12.27	H
	5186	-52.90	-13	-39.90	-76.35	-62.75	2.28	12.14	H
	6915	-49.26	-13	-36.26	-75.67	-57.85	2.39	10.99	H
									H
									H
									H
	3457	-54.83	-13	-41.83	-74.76	-65.27	1.83	12.27	V
	5186	-52.06	-13	-39.06	-76.06	-61.91	2.28	12.14	V
	6915	-48.53	-13	-35.53	-75.53	-57.12	2.39	10.99	V
									V
									V
									V
Middle	3511	-52.52	-13	-39.52	-72.35	-63.04	1.88	12.39	H
	5261	-43.95	-13	-30.95	-67.46	-53.85	2.25	12.15	H
	7018	-48.75	-13	-35.75	-75.51	-57.21	2.41	10.87	H
									H
									H
									H
	3511	-53.91	-13	-40.91	-74.2	-64.43	1.88	12.39	V
	5261	-49.98	-13	-36.98	-74.03	-59.88	2.25	12.15	V
	7018	-48.08	-13	-35.08	-75.49	-56.54	2.41	10.87	V
									V
									V
									V
Highest	3518	-53.49	-13	-40.49	-73.36	-64.00	1.88	12.39	H
	5277	-48.73	-13	-35.73	-72.26	-58.64	2.25	12.16	H
	7036	-48.51	-13	-35.51	-75.38	-56.95	2.40	10.84	H
									H
									H
									H
	3518	-54.73	-13	-41.73	-75.07	-65.24	1.88	12.39	V
	5277	-48.94	-13	-35.94	-73	-58.85	2.25	12.16	V
	7036	-48.19	-13	-35.19	-75.67	-56.63	2.40	10.84	V
									V
									V
									V

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

**LTE Band 13**

LTE 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	1563	-61.25	-42.15	-19.10	-74.53	-66.35	1.19	8.44	H
	2345	-57.08	-13	-44.08	-74.50	-63.89	1.42	10.38	H
	3127	-57.00	-13	-44.00	-75.85	-64.57	1.56	11.28	H
									H
									H
									H
	1563	-61.25	-42.15	-19.10	-74.31	-66.35	1.19	8.44	V
	2345	-57.08	-13	-44.08	-75.03	-63.89	1.42	10.38	V
	3127	-56.52	-13	-43.52	-75.63	-64.09	1.56	11.28	V
									V
									V
									V
Middle	1568	-61.57	-42.15	-19.42	-74.78	-66.68	1.20	8.46	H
	2352	-54.13	-13	-41.13	-71.49	-60.95	1.42	10.38	H
	3136	-57.23	-13	-44.23	-76.11	-64.82	1.57	11.31	H
									H
									H
									H
	1568	-61.48	-42.15	-19.33	-74.48	-66.59	1.20	8.46	V
	2352	-54.36	-13	-41.36	-72.26	-61.18	1.42	10.38	V
	3136	-56.54	-13	-43.54	-75.66	-64.13	1.57	11.31	V
									V
									V
									V
Highest	1573	-61.69	-42.15	-19.54	-74.86	-66.82	1.20	8.48	H
	2360	-54.05	-13	-41.05	-71.35	-60.87	1.42	10.39	H
	3147	-57.10	-13	-44.10	-76.04	-64.71	1.58	11.34	H
									H
									H
									H
	1573	-61.81	-42.15	-19.66	-74.78	-66.94	1.20	8.48	V
	2360	-54.57	-13	-41.57	-72.41	-61.39	1.42	10.39	V
	3147	-57.26	-13	-44.26	-76.43	-64.87	1.58	11.34	V
									V
									V
									V

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



LTE 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	-63.25	-13	-50.25	-74.45	-68.32	1.19	8.41	H
	2333	-60.66	-13	-47.66	-76.02	-67.46	1.41	10.37	H
	3110	-58.96	-13	-45.96	-75.58	-66.49	1.55	11.23	H
									H
									H
									H
	1555	-63.67	-13	-50.67	-74.65	-68.74	1.19	8.41	V
	2333	-59.90	-13	-46.90	-75.79	-66.70	1.41	10.37	V
	3110	-58.78	-13	-45.78	-75.69	-66.31	1.55	11.23	V
									V
									V
									V

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

**LTE Band 12**

LTE 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	1399	-59.82	-13.00	-46.82	-74.12	-64.26	1.15	7.74	H
	2099	-59.03	-13.00	-46.03	-75.84	-65.68	1.38	10.18	H
	2798	-58.20	-13.00	-45.20	-75.97	-65.34	1.45	10.74	H
									H
									H
									H
	1399	-60.38	-13.00	-47.38	-74.12	-64.82	1.15	7.74	V
	2099	-58.48	-13.00	-45.48	-75.55	-65.13	1.38	10.18	V
	2798	-57.65	-13.00	-44.65	-75.83	-64.79	1.45	10.74	V
									V
									V
									V
Middle	1406	-59.83	-13.00	-46.83	-74.12	-64.30	1.15	7.77	H
	2110	-58.44	-13.00	-45.44	-75.44	-65.10	1.38	10.19	H
	3520	-50.70	-13.00	-37.70	-69.90	-59.06	1.88	12.39	H
									H
									H
									H
	1406	-60.34	-13.00	-47.34	-74.07	-64.81	1.15	7.77	V
	2110	-58.10	-13.00	-45.10	-75.38	-64.76	1.38	10.19	V
	3520	-56.18	-13.00	-43.18	-75.86	-64.54	1.88	12.39	V
									V
									V
									V
Highest	1413	-60.18	-13.00	-47.18	-74.44	-64.68	1.15	7.80	H
	2120	-58.47	-13.00	-45.47	-75.63	-65.14	1.38	10.20	H
	2826	-57.81	-13.00	-44.81	-75.65	-64.97	1.45	10.76	H
									H
									H
									H
	1413	-60.51	-13.00	-47.51	-74.24	-65.01	1.15	7.80	V
	2120	-58.06	-13.00	-45.06	-75.53	-64.73	1.38	10.20	V
	2826	-57.53	-13.00	-44.53	-75.79	-64.69	1.45	10.76	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	5040	-54.48	-25	-29.48	-47.42	-64.24	2.34	12.11	H
	7560	-44.38	-25	-19.38	-42.31	-52.48	2.11	10.22	H
	10080	-47.64	-25	-22.64	-49.72	-57.55	1.93	11.83	H
									H
									H
									H
	5040	-57.57	-25	-32.57	-51.12	-67.33	2.34	12.11	V
	7560	-42.14	-25	-17.14	-40.04	-50.24	2.11	10.22	V
	10080	-48.38	-25	-23.38	-49.68	-58.29	1.93	11.83	V
									V
									V
									V
Middle	5088	-54.72	-25	-29.72	-47.83	-64.51	2.32	12.12	H
	7632	-44.21	-25	-19.21	-41.96	-52.57	2.11	10.48	H
	10176	-45.64	-25	-20.64	-47.86	-55.43	2.08	11.87	H
									H
									H
									H
	5088	-55.25	-25	-30.25	-48.95	-65.04	2.32	12.12	V
	7632	-43.14	-25	-18.14	-40.94	-51.50	2.11	10.48	V
	10176	-47.82	-25	-22.82	-49.45	-57.61	2.08	11.87	V
									V
									V
									V
Highest	5136	-56.29	-25	-31.29	-49.55	-66.11	2.30	12.13	H
	7704	-41.81	-25	-16.81	-39.7	-50.43	2.11	10.73	H
	10272	-44.83	-25	-19.83	-47.2	-54.51	2.23	11.91	H
									H
									H
									H
	5136	-52.23	-25	-27.23	-46.06	-62.05	2.30	12.13	V
	7704	-42.24	-25	-17.24	-40.19	-50.86	2.11	10.73	V
	10272	-46.14	-25	-21.14	-48.1	-55.82	2.23	11.91	V
									V
									V
									V

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

**LTE Band 38**

LTE Band 38 / 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	5160	-56.90	-25	-31.90	-50.25	-66.74	2.29	12.13	H
	7740	-47.55	-25	-22.55	-45.51	-56.30	2.11	10.86	H
	10320	-47.65	-25	-22.65	-50.09	-57.27	2.31	11.93	H
									H
									H
									H
	5160	-55.92	-25	-30.92	-49.83	-65.76	2.29	12.13	V
	7740	-48.28	-25	-23.28	-46.3	-57.03	2.11	10.86	V
	10320	-49.92	-25	-24.92	-52.05	-59.54	2.31	11.93	V
									V
									V
									V
Middle	5196	-55.63	-25	-30.63	-49.1	-65.49	2.28	12.14	H
	7788	-47.14	-25	-22.14	-45.2	-56.06	2.11	11.04	H
	10380	-50.36	-25	-25.36	-52.89	-59.91	2.40	11.95	H
									H
									H
									H
	5196	-55.39	-25	-30.39	-49.41	-65.25	2.28	12.14	V
	7788	-46.91	-25	-21.91	-45.03	-55.83	2.11	11.04	V
	10380	-52.20	-25	-27.20	-54.53	-61.75	2.40	11.95	V
									V
									V
									V
Highest	5220	-55.34	-25	-30.34	-48.89	-65.21	2.27	12.14	H
	7824	-47.21	-25	-22.21	-45.42	-56.26	2.11	11.17	H
	10440	-51.49	-25	-26.49	-54.11	-60.97	2.50	11.98	H
									H
									H
									H
	5220	-53.97	-25	-28.97	-48.06	-63.84	2.27	12.14	V
	7824	-45.79	-25	-20.79	-44.09	-54.84	2.11	11.17	V
	10440	-54.39	-25	-29.39	-56.93	-63.87	2.50	11.98	V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 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	5016	-59.54	-25	-34.54	-52.4	-69.29	2.35	12.10	H
	7524	-42.98	-25	-17.98	-41.12	-50.95	2.11	10.09	H
	10020	-55.69	-25	-30.69	-57.68	-65.67	1.83	11.81	H
									H
									H
									H
	5016	-51.13	-25	-26.13	-44.61	-60.88	2.35	12.10	V
	7524	-43.52	-25	-18.52	-41.61	-51.49	2.11	10.09	V
	10020	-49.76	-25	-24.76	-50.86	-59.74	1.83	11.81	V
									V
									V
									V
Middle	5184	-60.20	-25	-35.20	-53.63	-70.05	2.28	12.14	H
	7776	-41.93	-25	-16.93	-39.96	-50.81	2.11	10.99	H
	10368	-56.99	-25	-31.99	-59.5	-66.56	2.38	11.95	H
									H
									H
									H
	5184	-55.02	-25	-30.02	-49	-64.87	2.28	12.14	V
	7776	-43.87	-25	-18.87	-41.97	-52.75	2.11	10.99	V
	10368	-50.97	-25	-25.97	-53.26	-60.54	2.38	11.95	V
									V
									V
									V
Highest	5364	-60.87	-25	-35.87	-54.92	-70.83	2.21	12.17	H
	8040	-44.97	-25	-19.97	-44.11	-54.72	2.11	11.86	H
	10716	-54.51	-25	-29.51	-57.55	-63.59	2.62	11.70	H
									H
									H
									H
	5364	-53.62	-25	-28.62	-48.18	-63.58	2.21	12.17	V
	8040	-48.58	-25	-23.58	-47.47	-58.33	2.11	11.86	V
	10716	-52.20	-25	-27.20	-55.28	-61.28	2.62	11.70	V
									V
									V
									V

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

**LTE Band 71**

LTE Band 71 / 20MHz / 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	1328	-60.28	-13	-47.28	-74.37	-66.76	0.83	7.31	H
	1992	-60.58	-13	-47.58	-75.64	-69.51	1.04	9.97	H
	2656	-58.49	-13	-45.49	-75.64	-68.19	1.19	10.89	H
									H
									H
									H
	1328	-60.47	-13	-47.47	-74.21	-66.95	0.83	7.31	V
	1992	-60.33	-13	-47.33	-75.4	-69.26	1.04	9.97	V
	2656	-58.25	-13	-45.25	-75.7	-67.95	1.19	10.89	V
									V
									V
									V
Middle	1352	-59.57	-13	-46.57	-73.74	-66.16	0.83	7.42	H
	2024	-60.38	-13	-47.38	-75.91	-69.37	1.05	10.03	H
	2696	-58.09	-13	-45.09	-75.41	-67.83	1.20	10.94	H
									H
									H
									H
	1352	-60.26	-13	-47.26	-74.01	-66.85	0.83	7.42	V
	2024	-59.86	-13	-46.86	-75.47	-68.85	1.05	10.03	V
	2696	-58.32	-13	-45.32	-75.97	-68.06	1.20	10.94	V
									V
									V
									V
Highest	1360	-59.93	-13	-46.93	-74.12	-66.55	0.83	7.46	H
	2040	-59.81	-13	-46.81	-75.62	-68.82	1.05	10.06	H
	2712	-58.41	-13	-45.41	-75.8	-68.16	1.20	10.95	H
									H
									H
									H
	1360	-60.32	-13	-47.32	-74.06	-66.94	0.83	7.46	V
	2040	-59.72	-13	-46.72	-75.64	-68.73	1.05	10.06	V
	2712	-58.13	-13	-45.13	-75.86	-67.88	1.20	10.95	V
									V
									V
									V

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



<For Lower Antenna>

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	-62.00	-13	-49.00	-74.97	-67.39	1.23	8.76	H
	2473	-58.58	-13	-45.58	-75.41	-65.47	1.44	10.48	H
	3298	-56.96	-13	-43.96	-75.55	-64.90	1.70	11.79	H
									H
									H
									H
	1648	-61.36	-13	-48.36	-74.21	-66.75	1.23	8.76	V
	2473	-58.18	-13	-45.18	-75.3	-65.07	1.44	10.48	V
	3298	-56.80	-13	-43.80	-75.79	-64.74	1.70	11.79	V
									V
									V
									V
Middle	1664	-61.82	-13	-48.82	-74.83	-67.26	1.23	8.82	H
	2496	-56.82	-13	-43.82	-73.59	-63.73	1.44	10.50	H
	3328	-57.39	-13	-44.39	-75.78	-65.40	1.73	11.88	H
									H
									H
									H
	1664	-62.02	-13	-49.02	-74.91	-67.46	1.23	8.82	V
	2496	-58.57	-13	-45.57	-75.55	-65.48	1.44	10.50	V
	3328	-56.68	-13	-43.68	-75.55	-64.69	1.73	11.88	V
									V
									V
									V
Highest	1680	-62.05	-13	-49.05	-75.09	-67.55	1.24	8.88	H
	2520	-55.81	-13	-42.81	-72.6	-62.74	1.44	10.52	H
	3360	-57.64	-13	-44.64	-75.85	-65.71	1.76	11.98	H
									H
									H
									H
	1680	-61.58	-13	-48.58	-74.52	-67.08	1.24	8.88	V
	2520	-57.89	-13	-44.89	-74.88	-64.82	1.44	10.52	V
	3360	-56.71	-13	-43.71	-75.49	-64.78	1.76	11.98	V
									V
									V
									V

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

**LTE Band 26**

LTE 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	1672	-61.83	-13	-48.83	-74.85	-67.30	1.24	8.85	H
	2514	-47.73	-13	-34.73	-64.52	-54.65	1.44	10.51	H
	3352	-57.80	-13	-44.80	-76.05	-65.86	1.75	11.96	H
									H
									H
									H
	1672	-62.34	-13	-49.34	-75.25	-67.81	1.24	8.85	V
	2514	-49.77	-13	-36.77	-66.76	-56.69	1.44	10.51	V
	3352	-56.87	-13	-43.87	-75.67	-64.93	1.75	11.96	V
									V
									V
									V
Middle	1688	-61.99	-13	-48.99	-75.05	-67.51	1.24	8.91	H
	2529	-58.54	-13	-45.54	-75.34	-65.47	1.44	10.52	H
	3372	-57.45	-13	-44.45	-75.58	-65.55	1.77	12.02	H
									H
									H
									H
	1688	-62.14	-13	-49.14	-75.1	-67.66	1.24	8.91	V
	2529	-57.80	-13	-44.80	-74.8	-64.73	1.44	10.52	V
	3372	-56.94	-13	-43.94	-75.68	-65.04	1.77	12.02	V
									V
									V
									V
Highest	1696	-62.13	-13	-49.13	-75.19	-67.68	1.24	8.94	H
	2544	-59.16	-13	-46.16	-75.99	-66.10	1.44	10.54	H
	3392	-57.97	-13	-44.97	-75.99	-66.11	1.78	12.08	H
									H
									H
									H
	1696	-62.51	-13	-49.51	-75.48	-68.06	1.24	8.94	V
	2544	-58.19	-13	-45.19	-75.23	-65.13	1.44	10.54	V
	3392	-57.42	-13	-44.42	-76.09	-65.56	1.78	12.08	V
									V
									V
									V

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

**LTE CA 5B**

LTE Band 5 / 10MHz+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	1666	-62.41	-13	-49.41	-75.41	-67.86	1.23	8.83	H
	2504	-57.96	-13	-44.96	-74.72	-64.87	1.44	10.50	H
	3336	-57.55	-13	-44.55	-75.9	-65.57	1.74	11.91	H
									H
									H
									H
	1666	-62.41	-13	-49.41	-75.3	-67.86	1.23	8.83	V
	2504	-40.93	-13	-27.93	-57.88	-47.84	1.44	10.50	V
	3336	-56.47	-13	-43.47	-75.33	-64.49	1.74	11.91	V
									V
									V
									V
Middle	1672	-61.79	-13	-48.79	-74.81	-67.26	1.24	8.85	H
	2512	-55.95	-13	-42.95	-72.72	-62.87	1.44	10.51	H
	3344	-57.73	-13	-44.73	-76.03	-65.77	1.74	11.93	H
									H
									H
									H
	1672	-62.18	-13	-49.18	-75.09	-67.65	1.24	8.85	V
	2512	-55.44	-13	-42.44	-72.4	-62.36	1.44	10.51	V
	3344	-57.24	-13	-44.24	-76.07	-65.28	1.74	11.93	V
									V
									V
									V
Highest	1677	-62.20	-13	-49.20	-75.23	-67.69	1.24	8.87	H
	2520	-57.33	-13	-44.33	-74.12	-64.26	1.44	10.52	H
	3354	-57.40	-13	-44.40	-75.64	-65.46	1.75	11.96	H
									H
									H
									H
	1677	-62.23	-13	-49.23	-75.16	-67.72	1.24	8.87	V
	2520	-58.08	-13	-45.08	-75.07	-65.01	1.44	10.52	V
	3354	-57.06	-13	-44.06	-75.85	-65.12	1.75	11.96	V
									V
									V
									V

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

**LTE Band 66**

LTE 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	3441	-56.88	-13	-43.88	-76.11	-67.28	1.82	12.22	H
	5156	-53.41	-13	-40.41	-76.83	-63.25	2.30	12.13	H
	6879	-50.22	-13	-37.22	-76.51	-58.86	2.38	11.02	H
									H
									H
									H
	3441	-56.42	-13	-43.42	-76.23	-66.82	1.82	12.22	V
	5156	-53.04	-13	-40.04	-77.03	-62.88	2.30	12.13	V
	6879	-50.02	-13	-37.02	-76.89	-58.66	2.38	11.02	V
									V
									V
									V
Middle	3490	-56.64	-13	-43.64	-76.32	-67.15	1.86	12.37	H
	5234	-53.21	-13	-40.21	-76.69	-63.09	2.26	12.15	H
	6976	-49.40	-13	-36.40	-76	-57.91	2.41	10.92	H
									H
									H
									H
	3490	-55.79	-13	-42.79	-75.94	-66.30	1.86	12.37	V
	5234	-52.90	-13	-39.90	-76.93	-62.78	2.26	12.15	V
	6976	-48.75	-13	-35.75	-76	-57.26	2.41	10.92	V
									V
									V
									V
Highest	3539	-56.23	-13	-43.23	-76.21	-66.72	1.89	12.38	H
	5310	-53.97	-13	-40.97	-77.52	-63.90	2.23	12.16	H
	7081	-48.69	-13	-35.69	-75.81	-57.07	2.37	10.75	H
									H
									H
									H
	3539	-56.04	-13	-43.04	-76.51	-66.53	1.89	12.38	V
	5310	-53.47	-13	-40.47	-77.54	-63.40	2.23	12.16	V
	7081	-48.57	-13	-35.57	-76.23	-56.95	2.37	10.75	V
									V
									V
									V

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

**LTE CA 66B**

LTE Band 66 / 10MHz+10MHz / 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	3441	-56.85	-13	-43.85	-76.08	-67.25	1.82	12.22	H
	5158	-53.10	-13	-40.10	-76.53	-62.94	2.30	12.13	H
	6877	-50.05	-13	-37.05	-76.34	-58.69	2.38	11.02	H
									H
									H
									H
	3441	-55.95	-13	-42.95	-75.75	-66.35	1.82	12.22	V
	5158	-52.49	-13	-39.49	-76.48	-62.33	2.30	12.13	V
	6877	-49.35	-13	-36.35	-76.22	-57.99	2.38	11.02	V
									V
									V
									V
Middle	3511	-56.12	-13	-43.12	-75.95	-66.64	1.88	12.39	H
	5263	-53.39	-13	-40.39	-76.9	-63.29	2.25	12.15	H
	7018	-48.69	-13	-35.69	-75.45	-57.15	2.41	10.87	H
									H
									H
									H
	3511	-56.02	-13	-43.02	-76.3	-66.54	1.88	12.39	V
	5263	-53.10	-13	-40.10	-77.15	-63.00	2.25	12.15	V
	7018	-47.75	-13	-34.75	-75.16	-56.21	2.41	10.87	V
									V
									V
									V
Highest	3539	-56.03	-13	-43.03	-76.01	-66.52	1.89	12.38	H
	5308	-53.48	-13	-40.48	-77.03	-63.41	2.23	12.16	H
	7078	-47.76	-13	-34.76	-74.86	-56.15	2.37	10.76	H
									H
									H
									H
	3539	-55.85	-13	-42.85	-76.32	-66.34	1.89	12.38	V
	5308	-53.18	-13	-40.18	-77.25	-63.11	2.23	12.16	V
	7078	-47.32	-13	-34.32	-74.98	-55.71	2.37	10.76	V
									V
									V
									V

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

**LTE CA 66C**

LTE Band 66 / 20MHz+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	3457	-56.40	-13	-43.40	-75.76	-66.84	1.83	12.27	H
	5186	-52.77	-13	-39.77	-76.22	-62.62	2.28	12.14	H
	6915	-49.20	-13	-36.20	-75.61	-57.79	2.39	10.99	H
									H
									H
									H
	3457	-56.18	-13	-43.18	-76.11	-66.62	1.83	12.27	V
	5186	-52.43	-13	-39.43	-76.43	-62.28	2.28	12.14	V
	6915	-48.73	-13	-35.73	-75.73	-57.32	2.39	10.99	V
									V
									V
									V
Middle	3511	-55.78	-13	-42.78	-75.61	-66.30	1.88	12.39	H
	5262	-53.43	-13	-40.43	-76.94	-63.33	2.25	12.15	H
	7016	-48.68	-13	-35.68	-75.43	-57.14	2.41	10.87	H
									H
									H
									H
	3511	-55.66	-13	-42.66	-75.94	-66.18	1.88	12.39	V
	5262	-52.81	-13	-39.81	-76.86	-62.71	2.25	12.15	V
	7016	-48.30	-13	-35.30	-75.71	-56.76	2.41	10.87	V
									V
									V
									V
Highest	3518	-55.85	-13	-42.85	-75.72	-66.36	1.88	12.39	H
	5277	-53.15	-13	-40.15	-76.68	-63.06	2.25	12.16	H
	7036	-48.72	-13	-35.72	-75.59	-57.16	2.40	10.84	H
									H
									H
									H
	3518	-55.67	-13	-42.67	-76.01	-66.18	1.88	12.39	V
	5277	-52.84	-13	-39.84	-76.92	-62.75	2.25	12.16	V
	7036	-48.17	-13	-35.17	-75.67	-56.61	2.40	10.84	V
									V
									V
									V

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

**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	3700	-55.75	-13	-42.75	-76.29	-66.06	1.97	12.28	H
	5553	-53.12	-13	-40.12	-76.69	-63.25	2.14	12.27	H
	7404	-47.90	-13	-34.90	-76	-55.90	2.17	10.17	H
									H
									H
									H
	3700	-55.17	-13	-42.17	-76.23	-65.48	1.97	12.28	V
	5553	-52.71	-13	-39.71	-76.9	-62.84	2.14	12.27	V
	7404	-47.80	-13	-34.80	-75.87	-55.80	2.17	10.17	V
									V
									V
									V
Middle	3742	-55.68	-13	-42.68	-76.32	-65.94	2.00	12.25	H
	5611	-53.35	-13	-40.35	-76.87	-63.58	2.13	12.36	H
	7480	-48.15	-13	-35.15	-76.12	-56.06	2.13	10.04	H
									H
									H
									H
	3742	-55.11	-13	-42.11	-76.26	-65.37	2.00	12.25	V
	5611	-52.96	-13	-39.96	-77.13	-63.19	2.13	12.36	V
	7480	-48.44	-13	-35.44	-76.29	-56.35	2.13	10.04	V
									V
									V
									V
Highest	3782	-55.74	-13	-42.74	-76.48	-65.95	2.02	12.23	H
	5673	-52.81	-13	-39.81	-76.62	-63.14	2.12	12.44	H
	7564	-48.64	-13	-35.64	-76.15	-56.76	2.11	10.23	H
									H
									H
									H
	3782	-54.85	-13	-41.85	-76.08	-65.06	2.02	12.23	V
	5673	-52.12	-13	-39.12	-76.53	-62.45	2.12	12.44	V
	7564	-48.35	-13	-35.35	-75.83	-56.47	2.11	10.23	V
									V
									V
									V

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

**LTE Band 13**

LTE 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	1560	-61.04	-42.15	-18.89	-74.34	-66.13	1.19	8.43	H
	2344	-58.16	-13	-45.16	-75.59	-64.97	1.42	10.38	H
	3126	-56.84	-13	-43.84	-75.69	-64.40	1.56	11.28	H
									H
									H
									H
	1560	-61.20	-42.15	-19.05	-74.28	-66.29	1.19	8.43	V
	2344	-57.73	-13	-44.73	-75.69	-64.54	1.42	10.38	V
	3126	-56.74	-13	-43.74	-75.85	-64.30	1.56	11.28	V
									V
									V
									V
Middle	1568	-61.74	-42.15	-19.59	-74.95	-66.85	1.20	8.46	H
	2352	-58.27	-13	-45.27	-75.63	-65.09	1.42	10.38	H
	3136	-57.24	-13	-44.24	-76.12	-64.83	1.57	11.31	H
									H
									H
									H
	1568	-61.60	-42.15	-19.45	-74.60	-66.71	1.20	8.46	V
	2352	-57.68	-13	-44.68	-75.58	-64.50	1.42	10.38	V
	3136	-56.63	-13	-43.63	-75.75	-64.22	1.57	11.31	V
									V
									V
									V
Highest	1576	-61.63	-42.15	-19.48	-74.77	-66.77	1.20	8.49	H
	2360	-57.96	-13	-44.96	-75.26	-64.78	1.42	10.39	H
	3144	-56.47	-13	-43.47	-75.40	-64.07	1.58	11.33	H
									H
									H
									H
	1576	-61.95	-42.15	-19.80	-74.89	-67.09	1.20	8.49	V
	2360	-55.72	-13	-42.72	-73.56	-62.54	1.42	10.39	V
	3144	-56.56	-13	-43.56	-75.72	-64.16	1.58	11.33	V
									V
									V
									V

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



LTE 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	1564	-60.97	-42.15	-18.82	-74.24	-66.07	1.19	8.44	H
	2344	-58.27	-13	-45.27	-75.7	-65.08	1.42	10.38	H
	3128	-56.94	-13	-43.94	-75.8	-64.51	1.56	11.28	H
									H
									H
									H
									H
	1564	-61.34	-42.15	-19.19	-74.39	-66.44	1.19	8.44	V
	2344	-57.79	-13	-44.79	-75.75	-64.60	1.42	10.38	V
	3128	-56.81	-13	-43.81	-75.92	-64.38	1.56	11.28	V
									V
									V
									V
									V

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

**LTE Band 12**

LTE 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	1416	-59.77	-13.00	-46.77	-74.02	-64.28	1.15	7.81	H
	2128	-55.77	-13.00	-42.77	-73.07	-62.44	1.38	10.20	H
	2834	-58.00	-13.00	-45.00	-75.86	-65.16	1.45	10.77	H
									H
									H
									H
	1416	-60.27	-13.00	-47.27	-73.99	-64.78	1.15	7.81	V
	2128	-43.49	-13.00	-30.49	-61.11	-50.16	1.38	10.20	V
	2834	-57.48	-13.00	-44.48	-75.76	-64.64	1.45	10.77	V
									V
									V
									V
Middle	1424	-60.16	-13.00	-47.16	-74.37	-64.71	1.15	7.85	H
	2136	-56.48	-13.00	-43.48	-73.91	-63.16	1.38	10.21	H
	2848	-57.13	-13.00	-44.13	-75.03	-64.30	1.45	10.78	H
									H
									H
									H
	1424	-60.22	-13.00	-47.22	-73.93	-64.77	1.15	7.85	V
	2136	-57.80	-13.00	-44.80	-75.57	-64.48	1.38	10.21	V
	2848	-57.26	-13.00	-44.26	-75.59	-64.43	1.45	10.78	V
									V
									V
									V
Highest	1431	-59.72	-13.00	-46.72	-73.91	-64.30	1.16	7.88	H
	2146	-57.89	-13.00	-44.89	-75.49	-64.57	1.38	10.22	H
	2862	-57.63	-13.00	-44.63	-75.56	-64.82	1.45	10.79	H
									H
									H
									H
	1431	-60.76	-13.00	-47.76	-74.47	-65.34	1.16	7.88	V
	2146	-57.59	-13.00	-44.59	-75.55	-64.27	1.38	10.22	V
	2862	-57.02	-13.00	-44.02	-75.38	-64.21	1.45	10.79	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	5040	-63.15	-25	-38.15	-56.09	-72.91	2.34	12.11	H
	7560	-62.01	-25	-37.01	-59.94	-70.11	2.11	10.22	H
	10080	-47.27	-25	-22.27	-49.35	-57.18	1.93	11.83	H
									H
									H
									H
	5040	-58.79	-25	-33.79	-52.34	-68.55	2.34	12.11	V
	7560	-61.81	-25	-36.81	-59.71	-69.91	2.11	10.22	V
	10080	-47.66	-25	-22.66	-48.96	-57.57	1.93	11.83	V
									V
									V
									V
Middle	5088	-62.66	-25	-37.66	-55.77	-72.45	2.32	12.12	H
	7632	-62.44	-25	-37.44	-60.19	-70.80	2.11	10.48	H
	10176	-46.09	-25	-21.09	-48.31	-55.88	2.08	11.87	H
									H
									H
									H
	5088	-58.55	-25	-33.55	-52.25	-68.34	2.32	12.12	V
	7632	-62.15	-25	-37.15	-59.95	-70.51	2.11	10.48	V
	10176	-46.39	-25	-21.39	-48.02	-56.18	2.08	11.87	V
									V
									V
									V
Highest	5136	-61.00	-25	-36.00	-54.26	-70.82	2.30	12.13	H
	7704	-61.45	-25	-36.45	-59.34	-70.07	2.11	10.73	H
	10272	-46.23	-25	-21.23	-48.6	-55.91	2.23	11.91	H
									H
									H
									H
	5136	-55.81	-25	-30.81	-49.64	-65.63	2.30	12.13	V
	7704	-61.81	-25	-36.81	-59.76	-70.43	2.11	10.73	V
	10272	-46.75	-25	-21.75	-48.71	-56.43	2.23	11.91	V
									V
									V
									V

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

**LTE Band 38**

LTE Band 38 / 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	5184	-65.39	-25	-40.39	-58.82	-75.24	2.28	12.14	H
	7764	-62.37	-25	-37.37	-60.38	-71.21	2.11	10.95	H
	10356	-48.63	-25	-23.63	-51.12	-58.21	2.36	11.94	H
									H
									H
									H
	5184	-63.09	-25	-38.09	-57.07	-72.94	2.28	12.14	V
	7764	-60.72	-25	-35.72	-58.79	-69.56	2.11	10.95	V
	10356	-48.69	-25	-23.69	-50.94	-58.27	2.36	11.94	V
									V
									V
									V
Middle	5208	-64.33	-25	-39.33	-57.84	-74.20	2.27	12.14	H
	7812	-61.02	-25	-36.02	-59.16	-70.03	2.11	11.12	H
	10416	-49.70	-25	-24.70	-52.29	-59.21	2.46	11.97	H
									H
									H
									H
	5208	-61.88	-25	-36.88	-55.94	-71.75	2.27	12.14	V
	7812	-59.35	-25	-34.35	-57.54	-68.36	2.11	11.12	V
	10416	-51.50	-25	-26.50	-53.96	-61.01	2.46	11.97	V
									V
									V
									V
Highest	5244	-63.62	-25	-38.62	-57.24	-73.51	2.26	12.15	H
	7860	-61.32	-25	-36.32	-59.74	-70.50	2.11	11.30	H
	10476	-50.53	-25	-25.53	-53.2	-59.97	2.55	11.99	H
									H
									H
									H
	5244	-60.97	-25	-35.97	-55.13	-70.86	2.26	12.15	V
	7860	-59.86	-25	-34.86	-58.25	-69.04	2.11	11.30	V
	10476	-52.96	-25	-27.96	-55.62	-62.40	2.55	11.99	V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 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	5012	-64.28	-25	-39.28	-57.13	-74.03	2.36	12.10	H
	7518	-61.06	-25	-36.06	-59.24	-69.01	2.11	10.06	H
	10020	-51.80	-25	-26.80	-53.79	-61.78	1.83	11.81	H
									H
									H
									H
	5012	-64.73	-25	-39.73	-58.2	-74.48	2.36	12.10	V
	7518	-61.51	-25	-36.51	-59.58	-69.46	2.11	10.06	V
	10020	-51.36	-25	-26.36	-52.46	-61.34	1.83	11.81	V
									V
									V
									V
Middle	5184	-63.77	-25	-38.77	-57.2	-73.62	2.28	12.14	H
	7779	-61.29	-25	-36.29	-59.33	-70.18	2.11	11.00	H
	10368	-49.94	-25	-24.94	-52.45	-59.51	2.38	11.95	H
									H
									H
									H
	5184	-64.70	-25	-39.70	-58.68	-74.55	2.28	12.14	V
	7779	-61.84	-25	-36.84	-59.95	-70.73	2.11	11.00	V
	10368	-48.88	-25	-23.88	-51.17	-58.45	2.38	11.95	V
									V
									V
									V
Highest	5364	-60.37	-25	-35.37	-54.42	-70.33	2.21	12.17	H
	8040	-60.10	-25	-35.10	-59.24	-69.85	2.11	11.86	H
	10716	-54.09	-25	-29.09	-57.13	-63.17	2.62	11.70	H
	13404	-54.36	-25	-29.36	-59.61	-64.53	2.53	12.70	H
	16081	-57.07	-25	-32.07	-63.42	-71.72	2.57	17.22	H
									H
									H
	5364	-63.95	-25	-38.95	-58.51	-73.91	2.21	12.17	V
	8040	-61.86	-25	-36.86	-60.75	-71.61	2.11	11.86	V
	10716	-51.07	-25	-26.07	-54.15	-60.15	2.62	11.70	V
	13404	-56.93	-25	-31.93	-61.81	-67.10	2.53	12.70	V
	16081	-54.85	-25	-29.85	-61.11	-69.50	2.57	17.22	V
									V
									V

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

**LTE Band 71**

LTE Band 71 / 20MHz / 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	1360	-59.49	-13	-46.49	-73.68	-66.11	0.83	7.46	H
	2048	-59.83	-13	-46.83	-75.77	-68.85	1.05	10.07	H
	2728	-58.22	-13	-45.22	-75.68	-67.99	1.20	10.97	H
									H
									H
									H
	1360	-60.32	-13	-47.32	-74.06	-66.94	0.83	7.46	V
	2048	-59.46	-13	-46.46	-75.53	-68.48	1.05	10.07	V
	2728	-57.75	-13	-44.75	-75.56	-67.52	1.20	10.97	V
									V
									V
									V
Middle	1384	-59.81	-13	-46.81	-74.07	-66.54	0.84	7.57	H
	2075	-59.46	-13	-46.46	-75.86	-68.51	1.06	10.11	H
	2768	-58.12	-13	-45.12	-75.76	-67.93	1.21	11.02	H
									H
									H
									H
	1384	-60.62	-13	-47.62	-74.36	-67.35	0.84	7.57	V
	2075	-59.28	-13	-46.28	-75.88	-68.33	1.06	10.11	V
	2768	-57.40	-13	-44.40	-75.43	-67.21	1.21	11.02	V
									V
									V
									V
Highest	1392	-59.78	-13	-46.78	-74.05	-66.54	0.84	7.60	H
	2090	-59.12	-13	-46.12	-75.77	-68.19	1.06	10.13	H
	2787	-58.31	-13	-45.31	-76.02	-68.14	1.22	11.04	H
									H
									H
									H
	1392	-60.13	-13	-47.13	-73.86	-66.89	0.84	7.60	V
	2090	-58.88	-13	-45.88	-75.76	-67.95	1.06	10.13	V
	2787	-57.99	-13	-44.99	-76.1	-67.82	1.22	11.04	V
									V
									V
									V

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



<For Upper Antenna>

EN-DC 66A-n5A

EN-DC 66A-n5A / 20MHz / PI/2 BPSK									
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	1650	-40.72	-13	-27.72	-74.22	-46.32	0.92	8.67	H
	2475	-36.48	-13	-23.48	-74.85	-43.85	1.14	10.67	H
	3301	-34.91	-13	-21.91	-75.08	-43.46	1.32	12.02	H
									H
									H
									H
	1650	-41.39	-13	-28.39	-74.35	-46.99	0.92	8.67	V
	2475	-36.45	-13	-23.45	-74.98	-43.82	1.14	10.67	V
	3301	-34.25	-13	-21.25	-74.89	-42.80	1.32	12.02	V
									V
									V
									V
Middle	1656	-40.60	-13	-27.60	-74.12	-46.22	0.92	8.69	H
	2483	-36.17	-13	-23.17	-74.56	-43.55	1.15	10.68	H
	3311	-35.06	-13	-22.06	-75.21	-43.63	1.33	12.05	H
									H
									H
									H
	1656	-41.54	-13	-28.54	-74.49	-47.16	0.92	8.69	V
	2483	-36.29	-13	-23.29	-74.86	-43.67	1.15	10.68	V
	3311	-34.42	-13	-21.42	-75.03	-42.99	1.33	12.05	V
									V
									V
									V
Highest	1660	-40.82	-13	-27.82	-74.35	-46.45	0.92	8.71	H
	2490	-36.62	-13	-23.62	-75.02	-44.01	1.15	10.69	H
	3321	-34.80	-13	-21.80	-74.93	-43.39	1.33	12.07	H
									H
									H
									H
	1660	-41.51	-13	-28.51	-74.46	-47.14	0.92	8.71	V
	2490	-36.20	-13	-23.20	-74.79	-43.59	1.15	10.69	V
	3321	-34.32	-13	-21.32	-74.91	-42.91	1.33	12.07	V
									V
									V
									V

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

**EN-DC 2A-n5A**

EN-DC 2A-n5A / 20MHz / PI/2 BPSK									
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	1656	-40.40	-13	-27.40	-73.92	-46.02	0.92	8.69	H
	2480	-36.54	-13	-23.54	-74.92	-43.92	1.15	10.67	H
	3312	-34.77	-13	-21.77	-74.92	-43.34	1.33	12.05	H
									H
									H
									H
									H
	1656	-41.38	-13	-28.38	-74.33	-47.00	0.92	8.69	V
	2480	-36.26	-13	-23.26	-74.81	-43.64	1.15	10.67	V
	3312	-34.37	-13	-21.37	-74.98	-42.94	1.33	12.05	V
									V
									V
									V
									V

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

**EN-DC 5A-n2A**

EN-DC 5A-n2A / 15MHz / PI/2 BPSK									
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	-29.92	-13	-16.92	-72.1	-41.13	1.41	12.62	H
	5553	-27.79	-13	-14.79	-75.44	-39.35	1.74	13.30	H
	7404	-43.96	-13	-30.96	-75.28	-53.28	1.94	11.25	H
									H
									H
									H
	3700	-32.30	-13	-19.30	-74.62	-43.51	1.41	12.62	V
	5553	-27.83	-13	-14.83	-75.01	-39.39	1.74	13.30	V
	7404	-44.13	-13	-31.13	-75.3	-53.45	1.94	11.25	V
									V
									V
									V
Middle	3747	-31.04	-13	-18.04	-73.43	-42.26	1.42	12.65	H
	5620	-27.05	-13	-14.05	-74.62	-38.61	1.74	13.30	H
	7495	-44.98	-13	-31.98	-75.84	-54.10	1.99	11.11	H
									H
									H
									H
	3747	-32.42	-13	-19.42	-75.02	-43.64	1.42	12.65	V
	5620	-27.59	-13	-14.59	-74.8	-39.15	1.74	13.30	V
	7495	-44.54	-13	-31.54	-75.37	-53.66	1.99	11.11	V
									V
									V
									V
Highest	3790	-30.85	-13	-17.85	-73.46	-41.06	2.02	12.23	H
	5688	-26.54	-13	-13.54	-74.41	-36.89	2.11	12.46	H
	7583	-45.13	-13	-32.13	-75.5	-53.31	2.11	10.30	H
									H
									H
									H
	3790	-31.88	-13	-18.88	-74.74	-42.09	2.02	12.23	V
	5688	-27.33	-13	-14.33	-74.67	-37.68	2.11	12.46	V
	7583	-44.56	-13	-31.56	-74.88	-52.74	2.11	10.30	V
									V
									V
									V

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

**EN-DC 13A-n2A**

EN-DC 13A-n2A / 15MHz / PI/2 BPSK									
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)
Middle	3748	-33.07	-13	-20.07	-75.47	-44.29	1.42	12.65	H
	5620	-27.63	-13	-14.63	-75.2	-39.19	1.74	13.30	H
	7495	-45.24	-13	-32.24	-76.1	-54.36	1.99	11.11	H
									H
									H
									H
									H
	3748	-32.50	-13	-19.50	-75.1	-43.72	1.42	12.65	V
	5620	-27.68	-13	-14.68	-74.89	-39.24	1.74	13.30	V
	7495	-45.53	-13	-32.53	-76.36	-54.65	1.99	11.11	V
									V
									V
									V
									V

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

**EN-DC 48A-n66A**

EN-DC 48A-n66A / 20MHz / PI/2 BPSK									
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	3424	-33.24	-13	-20.24	-74.12	-44.21	1.35	12.32	H
	5132	-28.45	-13	-15.45	-74.98	-39.59	1.64	12.78	H
	6844	-23.89	-13	-10.89	-73.61	-34.27	1.74	12.12	H
									H
									H
									H
	3424	-33.07	-13	-20.07	-74.37	-44.04	1.35	12.32	V
	5132	-28.60	-13	-15.60	-74.87	-39.74	1.64	12.78	V
	6844	-24.56	-13	-11.56	-73.89	-34.94	1.74	12.12	V
									V
									V
									V
Middle	3472	-32.49	-13	-19.49	-73.84	-43.57	1.35	12.43	H
	5206	-28.50	-13	-15.50	-75.1	-39.72	1.66	12.89	H
	6946	-23.61	-13	-10.61	-73.78	-33.86	1.73	11.98	H
									H
									H
									H
	3472	-32.42	-13	-19.42	-74.15	-43.50	1.35	12.43	V
	5206	-28.05	-13	-15.05	-74.48	-39.27	1.66	12.89	V
	6946	-23.78	-13	-10.78	-73.49	-34.03	1.73	11.98	V
									V
									V
									V
Highest	3525	-32.01	-13	-19.01	-73.84	-43.16	1.37	12.52	H
	5285	-27.83	-13	-14.83	-74.71	-39.14	1.68	13.00	H
	7045	-23.39	-13	-10.39	-73.92	-33.47	1.74	11.83	H
									H
									H
									H
	3525	-31.70	-13	-18.70	-73.81	-42.85	1.37	12.52	V
	5285	-28.02	-13	-15.02	-74.63	-39.33	1.68	13.00	V
	7045	-23.77	-13	-10.77	-73.85	-33.85	1.74	11.83	V
									V
									V
									V

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

**EN-DC 5A-n66A**

EN-DC 5A-n66A / 15MHz / PI/2 BPSK									
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)
Middle	3477	-30.53	-13	-17.53	-71.22	-41.62	1.36	12.44	H
	5216	-29.12	-13	-16.12	-75.56	-40.36	1.67	12.90	H
	6954	-24.43	-13	-11.43	-74.41	-34.67	1.73	11.96	H
									H
									H
									H
									H
	3477	-33.02	-13	-20.02	-74.08	-44.11	1.36	12.44	V
	5216	-29.06	-13	-16.06	-75.32	-40.30	1.67	12.90	V
	6954	-24.81	-13	-11.81	-74.32	-35.05	1.73	11.96	V
									V
									V
									V
									V

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

**EN-DC 13A-n66A**

EN-DC 13A-n66A / 15MHz / PI/2 BPSK									
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)
Middle	3478	-33.70	-13	-20.70	-74.4	-44.79	1.36	12.45	H
	5218	-28.55	-13	-15.55	-75	-39.79	1.67	12.91	H
	6952	-24.21	-13	-11.21	-74.18	-34.45	1.73	11.97	H
									H
									H
									H
									H
	3478	-33.64	-13	-20.64	-74.71	-44.73	1.36	12.45	V
	5218	-29.10	-13	-16.10	-75.37	-40.34	1.67	12.91	V
	6952	-24.42	-13	-11.42	-73.92	-34.66	1.73	11.97	V
									V
									V
									V
									V

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



<For Lower Antenna>

EN-DC 66A-n5A

EN-DC 66A-n5A / 20MHz / PI/2 BPSK									
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	1650	-40.66	-13	-27.66	-74.16	-46.26	0.92	8.67	H
	2475	-35.80	-13	-22.80	-74.17	-43.17	1.14	10.67	H
	3301	-34.46	-13	-21.46	-74.63	-43.01	1.32	12.02	H
									H
									H
									H
	1650	-40.55	-13	-27.55	-73.51	-46.15	0.92	8.67	V
	2475	-35.80	-13	-22.80	-74.33	-43.17	1.14	10.67	V
	3301	-34.12	-13	-21.12	-74.76	-42.67	1.32	12.02	V
									V
									V
									V
Middle	1655	-40.18	-13	-27.18	-73.69	-45.80	0.92	8.69	H
	2483	-35.86	-13	-22.86	-74.25	-43.24	1.15	10.68	H
	3311	-34.52	-13	-21.52	-74.67	-43.09	1.33	12.05	H
									H
									H
									H
	1655	-41.04	-13	-28.04	-73.99	-46.66	0.92	8.69	V
	2483	-35.95	-13	-22.95	-74.52	-43.33	1.15	10.68	V
	3311	-33.94	-13	-20.94	-74.56	-42.51	1.33	12.05	V
									V
									V
									V
Highest	1660	-40.05	-13	-27.05	-73.58	-45.68	0.92	8.71	H
	2490	-36.02	-13	-23.02	-74.42	-43.41	1.15	10.69	H
	3321	-34.25	-13	-21.25	-74.38	-42.84	1.33	12.07	H
									H
									H
									H
	1660	-40.67	-13	-27.67	-73.62	-46.30	0.92	8.71	V
	2490	-35.65	-13	-22.65	-74.24	-43.04	1.15	10.69	V
	3321	-34.19	-13	-21.19	-74.78	-42.78	1.33	12.07	V
									V
									V
									V

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

**EN-DC 2A-n5A**

EN-DC 2A-n5A / 20MHz / PI/2 BPSK									
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	1656	-41.18	-13	-28.18	-74.7	-46.80	0.92	8.69	H
	2480	-36.46	-13	-23.46	-74.84	-43.84	1.15	10.67	H
	3312	-35.11	-13	-22.11	-75.26	-43.68	1.33	12.05	H
									H
									H
									H
									H
	1656	-41.68	-13	-28.68	-74.63	-47.30	0.92	8.69	V
	2480	-36.58	-13	-23.58	-75.13	-43.96	1.15	10.67	V
	3312	-34.74	-13	-21.74	-75.35	-43.31	1.33	12.05	V
									V
									V
									V
									V

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

**EN-DC 5A-n2A**

EN-DC 5A-n2A / 15MHz / PI/2 BPSK									
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	-32.23	-13	-19.23	-74.41	-43.44	1.41	12.62	H
	5554	-28.16	-13	-15.16	-75.81	-39.72	1.74	13.30	H
	7407	-44.28	-13	-31.28	-75.58	-53.59	1.94	11.25	H
									H
									H
									H
	3700	-32.78	-13	-19.78	-75.1	-43.99	1.41	12.62	V
	5554	-28.42	-13	-15.42	-75.6	-39.98	1.74	13.30	V
	7407	-44.49	-13	-31.49	-75.64	-53.80	1.94	11.25	V
									V
									V
									V
Middle	3748	-31.65	-13	-18.65	-74.05	-42.87	1.42	12.65	H
	5620	-27.58	-13	-14.58	-75.15	-39.14	1.74	13.30	H
	7495	-45.03	-13	-32.03	-75.89	-54.15	1.99	11.11	H
									H
									H
									H
	3748	-32.47	-13	-19.47	-75.07	-43.69	1.42	12.65	H
	5620	-27.76	-13	-14.76	-74.97	-39.32	1.74	13.30	V
	7495	-45.33	-13	-32.33	-76.16	-54.45	1.99	11.11	V
									V
									V
									V
Highest	3790	-30.64	-13	-17.64	-73.25	-40.85	2.02	12.23	H
	5686	-27.39	-13	-14.39	-75.26	-37.74	2.11	12.46	H
	7583	-45.33	-13	-32.33	-75.7	-53.51	2.11	10.30	H
									H
									H
									H
	3790	-32.26	-13	-19.26	-75.12	-42.47	2.02	12.23	V
	5686	-27.90	-13	-14.90	-75.24	-38.25	2.11	12.46	V
	7583	-45.46	-13	-32.46	-75.78	-53.64	2.11	10.30	V
									V
									V
									V

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



EN-DC 13A-n2A

EN-DC 13A-n2A / 15MHz / PI/2 BPSK									
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)
Middle	3748	-33.23	-13	-20.23	-75.63	-44.45	1.42	12.65	H
	5620	-27.80	-13	-14.80	-75.37	-39.36	1.74	13.30	H
	7495	-45.68	-13	-32.68	-76.54	-54.80	1.99	11.11	H
									H
									H
									H
									H
	3748	-32.99	-13	-19.99	-75.59	-44.21	1.42	12.65	V
	5620	-27.84	-13	-14.84	-75.05	-39.40	1.74	13.30	V
	7495	-45.69	-13	-32.69	-76.52	-54.81	1.99	11.11	V
									V
									V
									V
									V

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

**EN-DC 48A-n66A**

EN-DC 48A-n66A / 20MHz / PI/2 BPSK									
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	3425	-33.37	-13	-20.37	-74.26	-44.34	1.35	12.32	H
	5130	-28.63	-13	-15.63	-75.16	-39.77	1.64	12.78	H
	6845	-23.96	-13	-10.96	-73.69	-34.34	1.74	12.12	H
									H
									H
									H
	3425	-32.76	-13	-19.76	-74.07	-43.73	1.35	12.32	V
	5130	-28.83	-13	-15.83	-75.1	-39.97	1.64	12.78	V
	6845	-24.34	-13	-11.34	-73.67	-34.72	1.74	12.12	V
									V
									V
									V
Middle	3472	-34.58	-13	-21.58	-75.93	-45.66	1.35	12.43	H
	5208	-30.13	-13	-17.13	-76.74	-41.36	1.66	12.89	H
	6944	-25.25	-13	-12.25	-75.41	-35.50	1.73	11.98	H
									H
									H
									H
	3472	-34.22	-13	-21.22	-75.95	-45.30	1.35	12.43	V
	5208	-30.26	-13	-17.26	-76.7	-41.49	1.66	12.89	V
	6944	-25.76	-13	-12.76	-75.46	-36.01	1.73	11.98	V
									V
									V
									V
Highest	3525	-32.37	-13	-19.37	-74.2	-43.52	1.37	12.52	H
	5285	-27.93	-13	-14.93	-74.81	-39.24	1.68	13.00	H
	7045	-23.14	-13	-10.14	-73.67	-33.22	1.74	11.83	H
									H
									H
									H
	3525	-32.00	-13	-19.00	-74.11	-43.15	1.37	12.52	V
	5285	-28.19	-13	-15.19	-74.8	-39.50	1.68	13.00	V
	7045	-23.68	-13	-10.68	-73.76	-33.76	1.74	11.83	V
									V
									V
									V

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

**EN-DC 5A-n66A**

EN-DC 5A-n66A / 15MHz / PI/2 BPSK									
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)
Middle	3477	-32.16	-13	-19.16	-72.85	-43.25	1.36	12.44	H
	5216	-29.29	-13	-16.29	-75.73	-40.53	1.67	12.90	H
	6954	-24.55	-13	-11.55	-74.53	-34.79	1.73	11.96	H
									H
									H
									H
									H
	3477	-33.95	-13	-20.95	-75.01	-45.04	1.36	12.44	V
	5216	-29.17	-13	-16.17	-75.43	-40.41	1.67	12.90	V
	6954	-25.14	-13	-12.14	-74.65	-35.38	1.73	11.96	V
									V
									V
									V
									V

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

**EN-DC 13A-n66A**

EN-DC 13A-n66A / 15MHz / PI/2 BPSK									
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)
Middle	3478	-33.23	-13	-20.23	-73.93	-44.32	1.36	12.45	H
	5218	-28.71	-13	-15.71	-75.16	-39.95	1.67	12.91	H
	6952	-24.29	-13	-11.29	-74.26	-34.53	1.73	11.97	H
									H
									H
									H
									H
	3478	-33.59	-13	-20.59	-74.66	-44.68	1.36	12.45	V
	5218	-28.97	-13	-15.97	-75.24	-40.21	1.67	12.91	V
	6952	-24.62	-13	-11.62	-74.12	-34.86	1.73	11.97	V
									V
									V
									V
									V

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