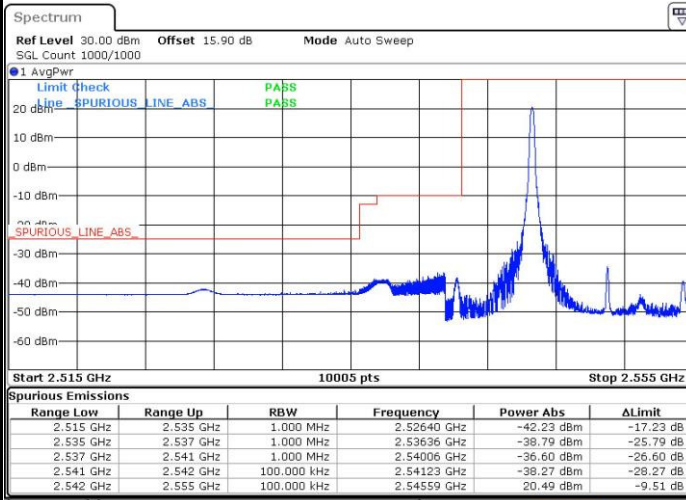


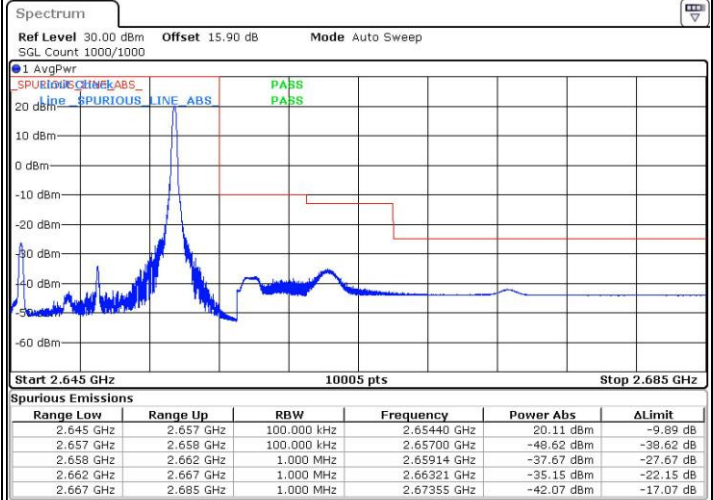


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



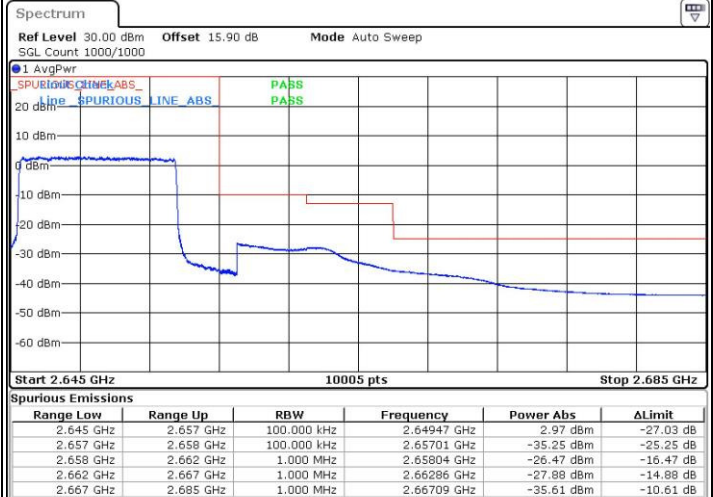
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



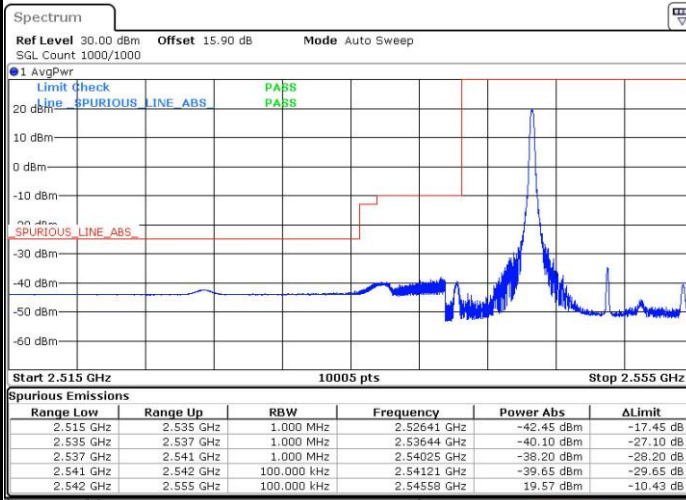
Highest Band Edge / Full RB



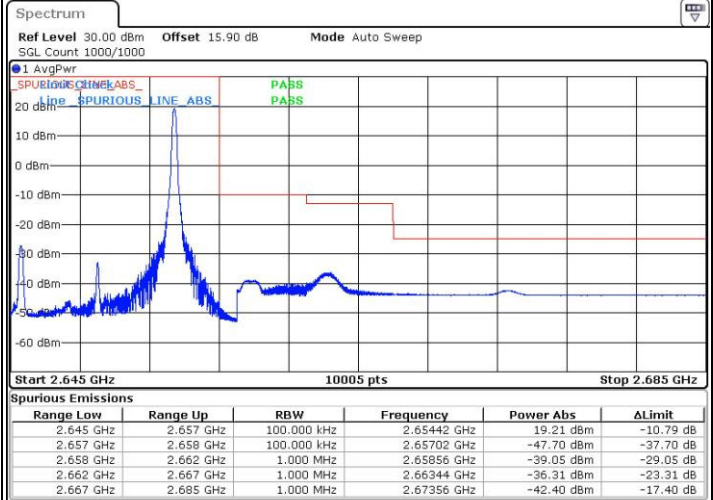


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



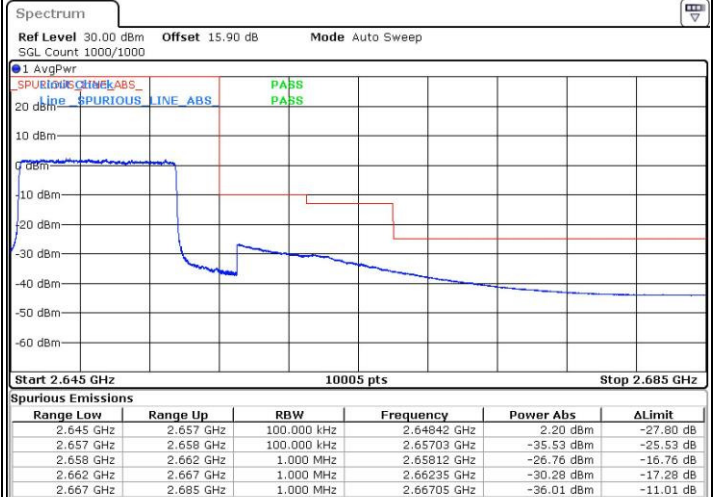
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



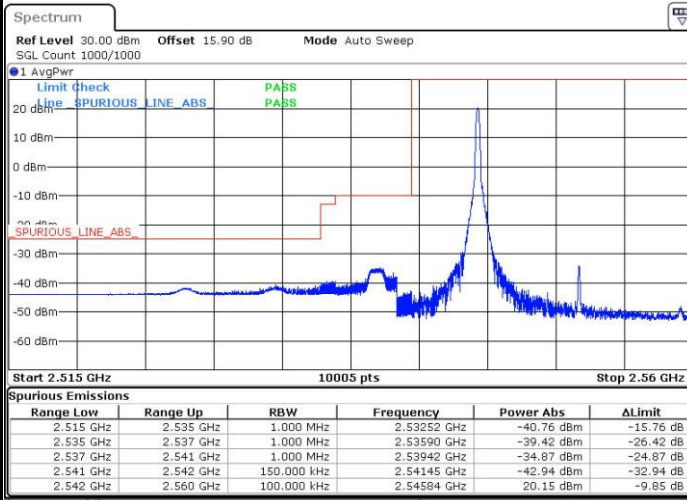
Highest Band Edge / Full RB



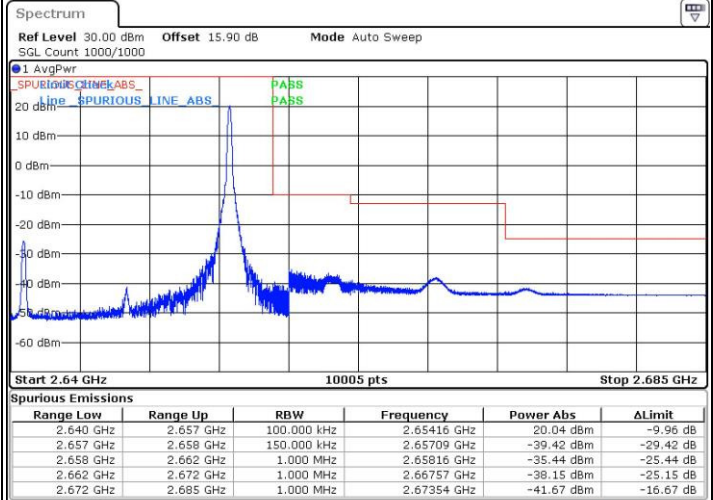


LTE Band 41 / 15MHz / QPSK

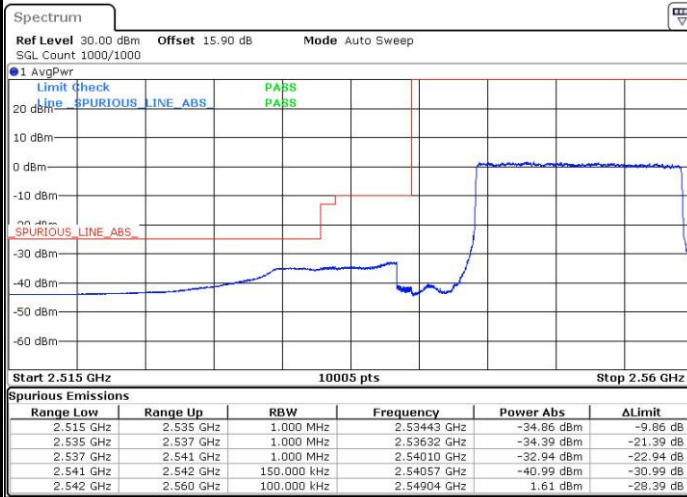
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



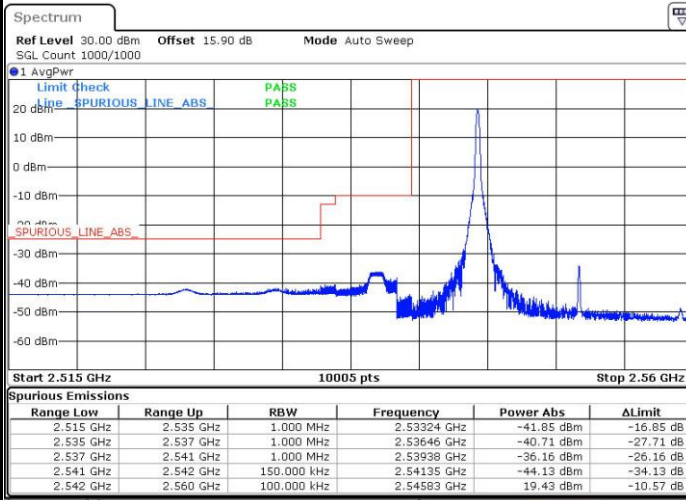
Highest Band Edge / Full RB



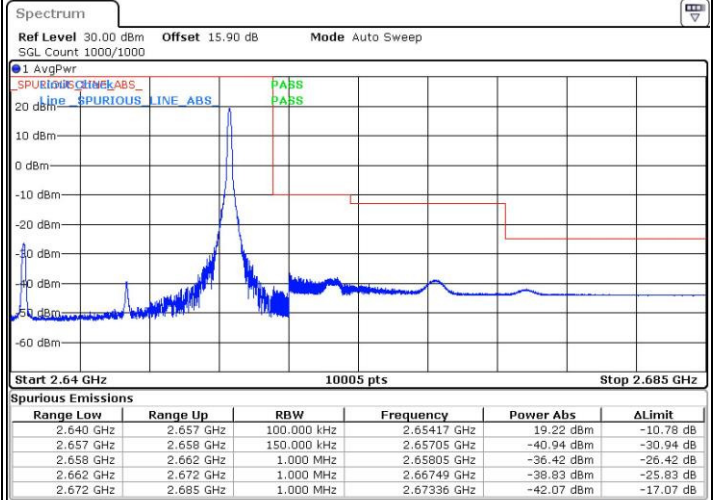


LTE Band 41 / 15MHz / 16QAM

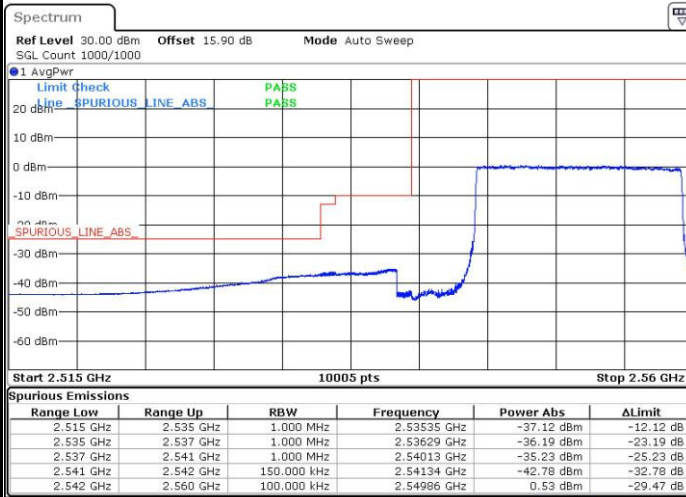
Lowest Band Edge / 1 RB



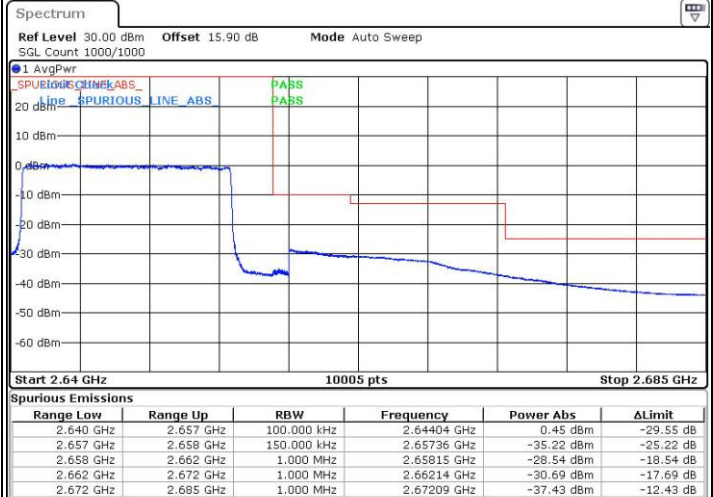
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



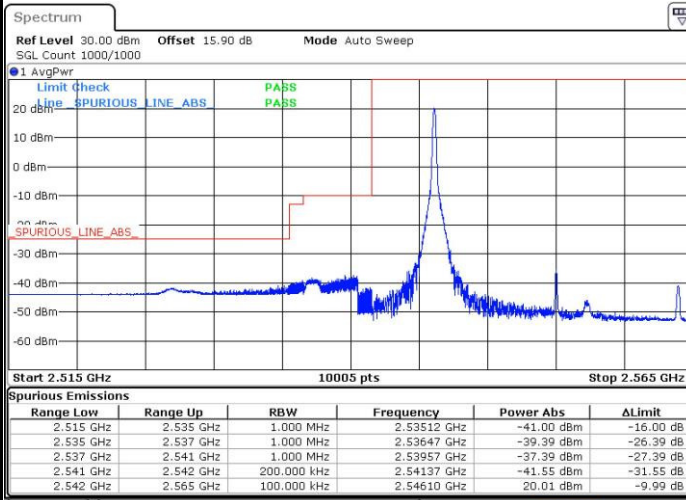
Highest Band Edge / Full RB



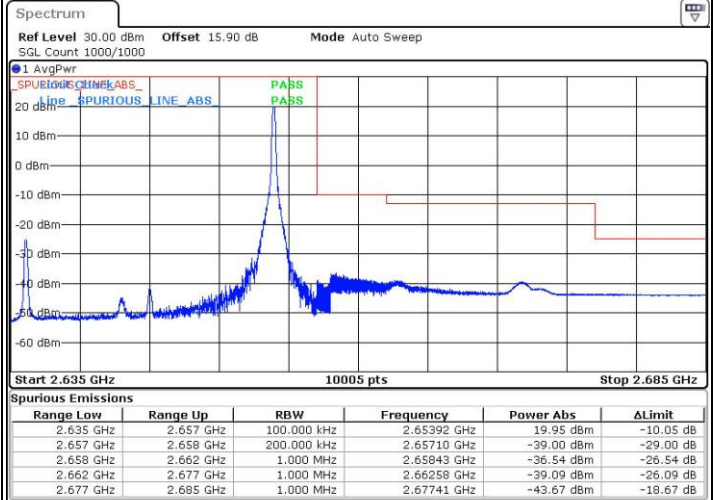


LTE Band 41 / 20MHz / QPSK

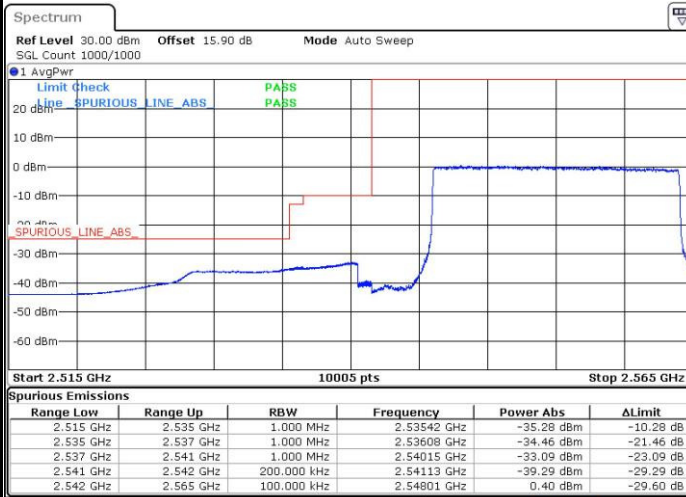
Lowest Band Edge / 1 RB



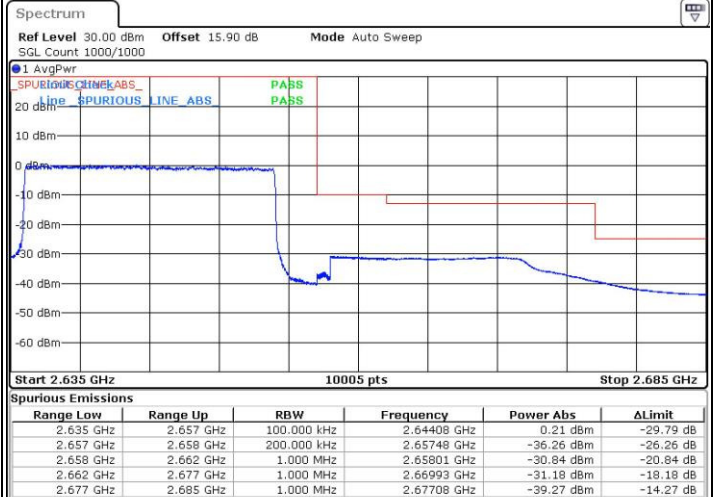
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



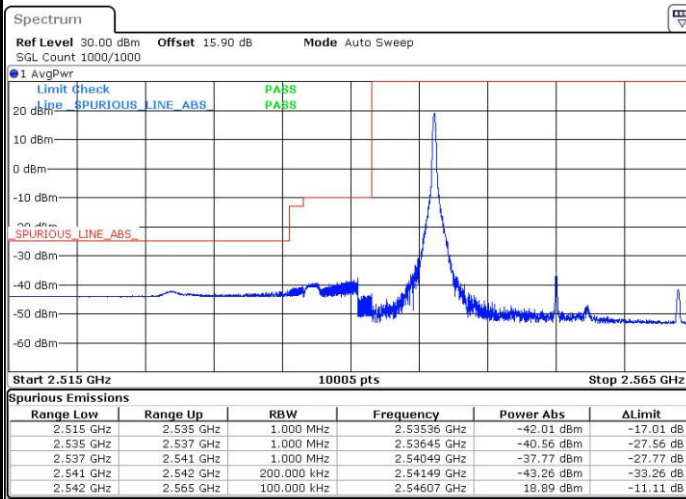
Highest Band Edge / Full RB



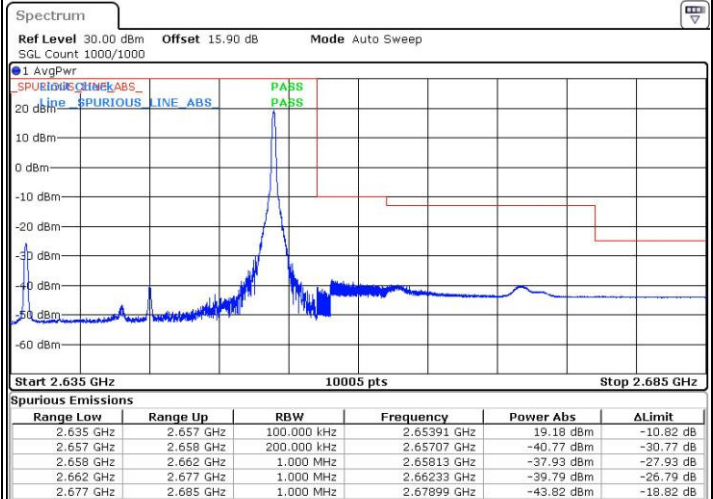


LTE Band 41 / 20MHz / 16QAM

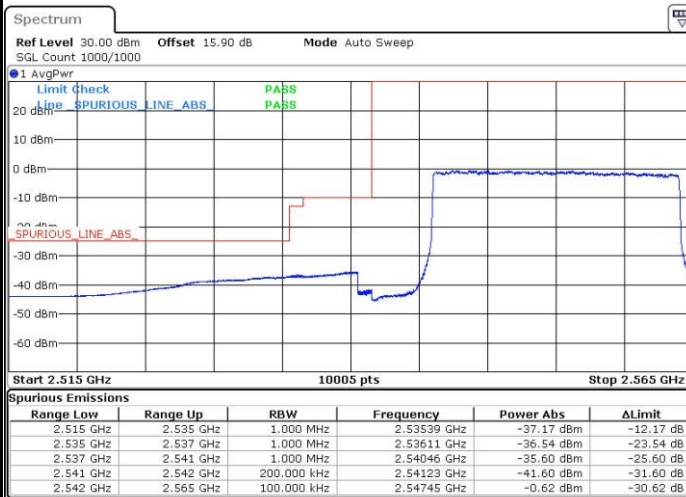
Lowest Band Edge / 1 RB



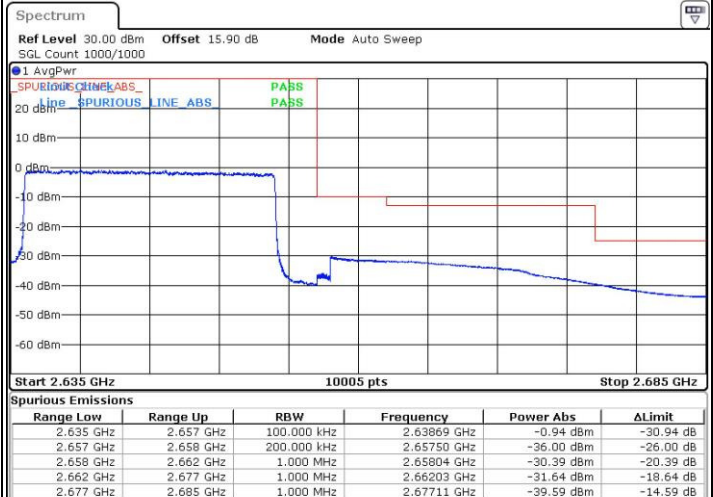
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



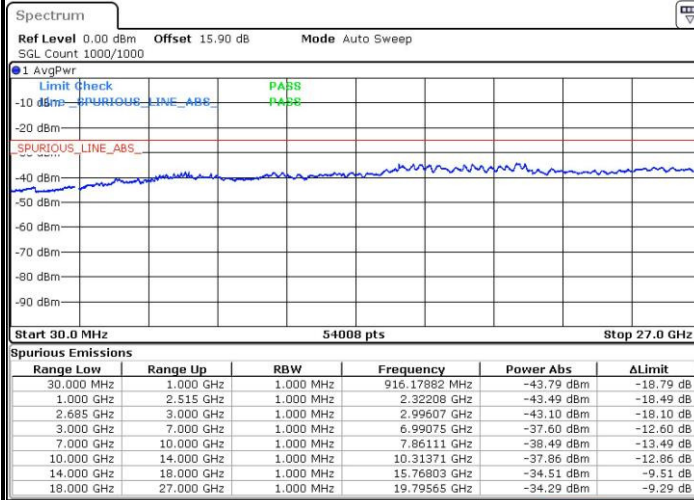


Conducted Spurious Emission



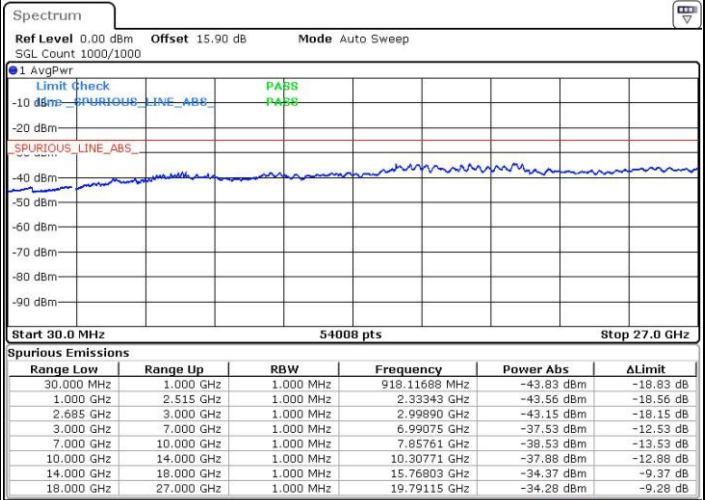
LTE Band 41 / 5MHz

Lowest Channel / QPSK



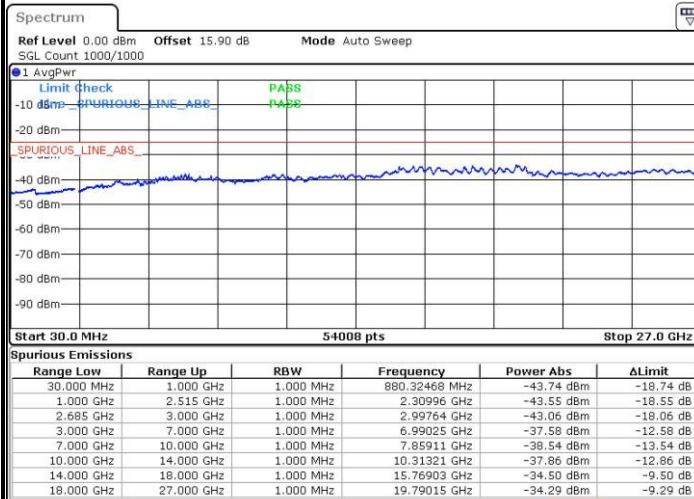
Date: 1.MAR.2017 20:09:01

Lowest Channel / 16QAM



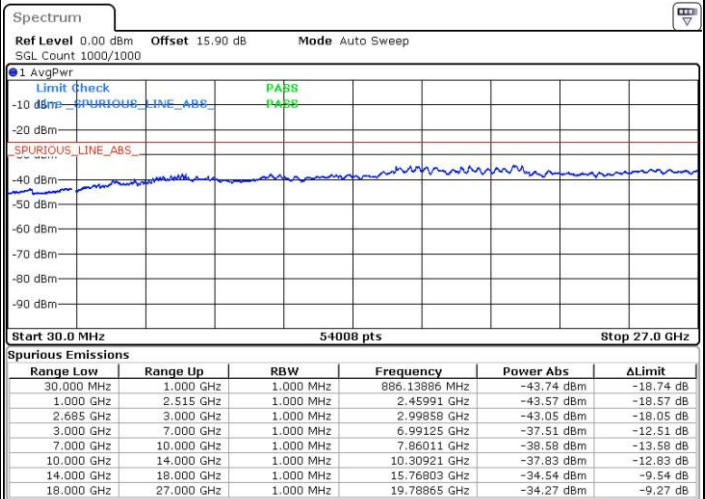
Date: 1.MAR.2017 20:02:18

Middle Channel / QPSK



Date: 1.MAR.2017 20:16:42

Middle Channel / 16QAM

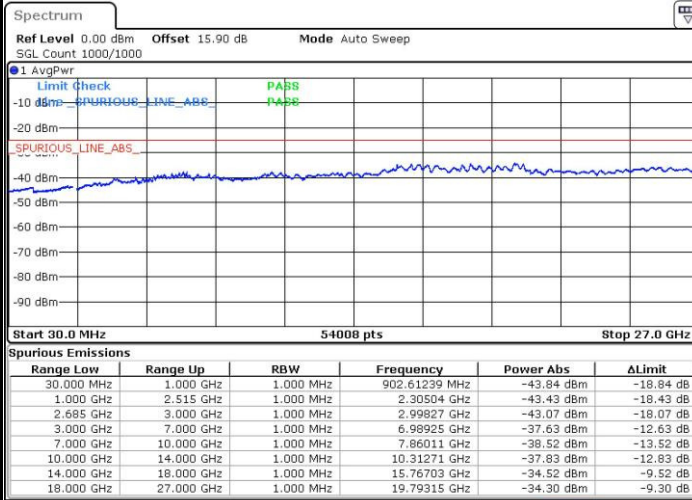


Date: 1.MAR.2017 20:23:55



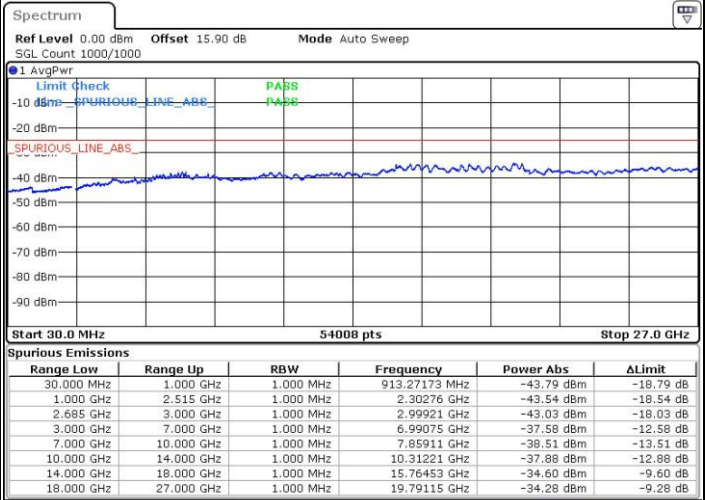
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 1.MAR.2017 20:37:02

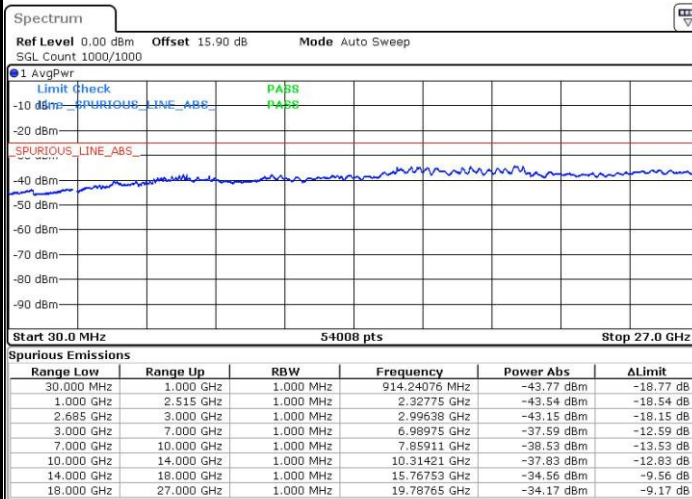
Highest Channel / 16QAM



Date: 1.MAR.2017 20:30:36

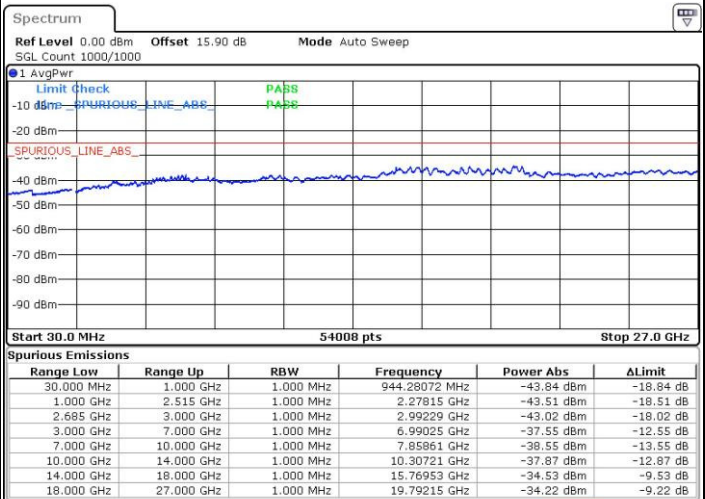
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 1.MAR.2017 20:43:30

Lowest Channel / 16QAM

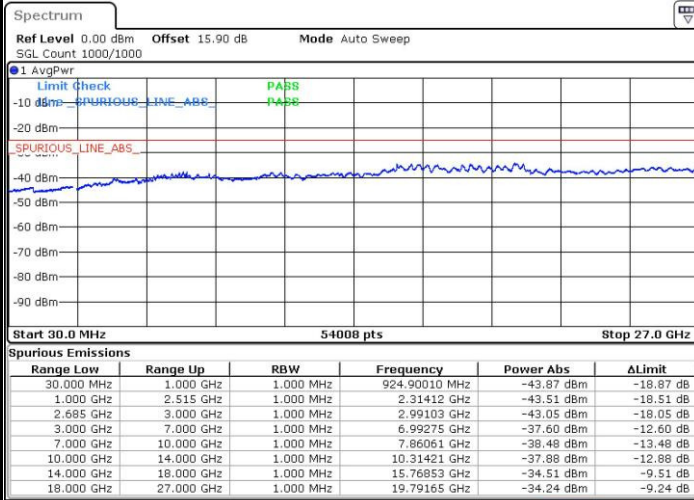


Date: 1.MAR.2017 20:50:35



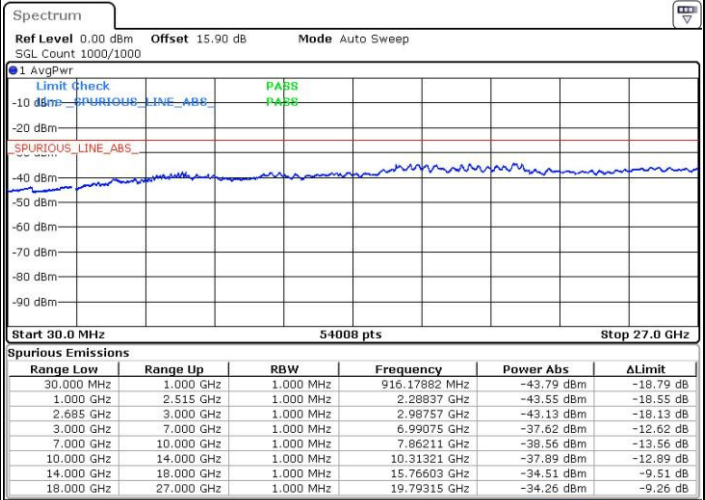
LTE Band 41 / 10MHz

Middle Channel / QPSK



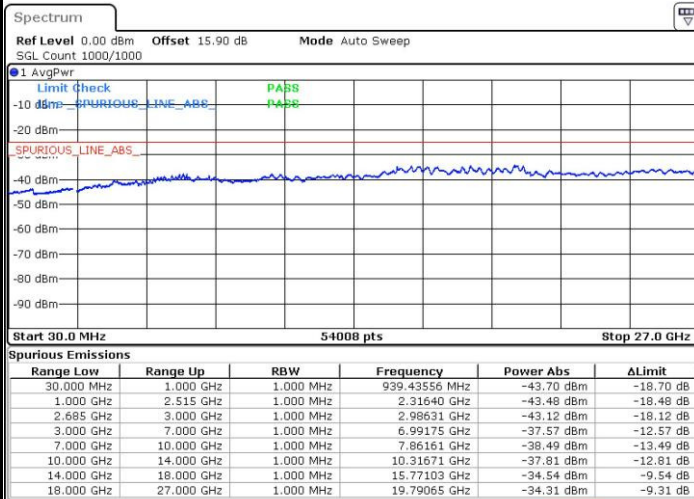
Date: 1.MAR.2017 21:03:54

Middle Channel / 16QAM



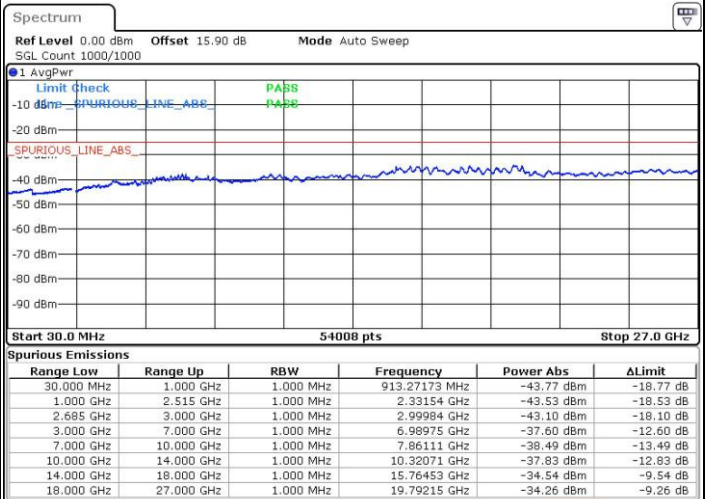
Date: 1.MAR.2017 20:56:53

Highest Channel / QPSK



Date: 1.MAR.2017 21:10:07

Highest Channel / 16QAM

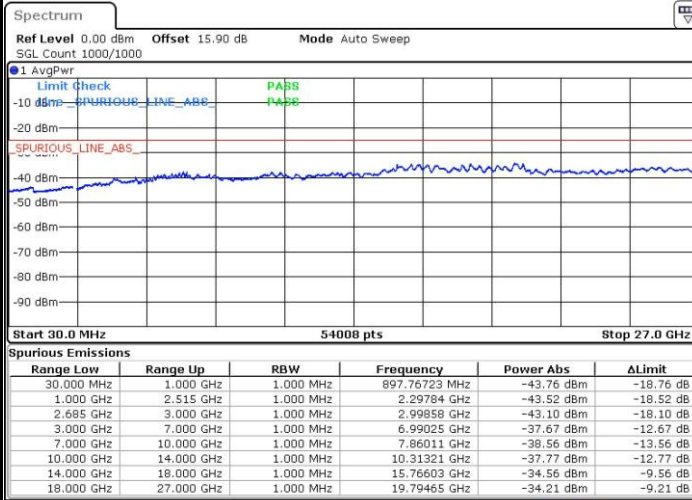


Date: 1.MAR.2017 21:16:37



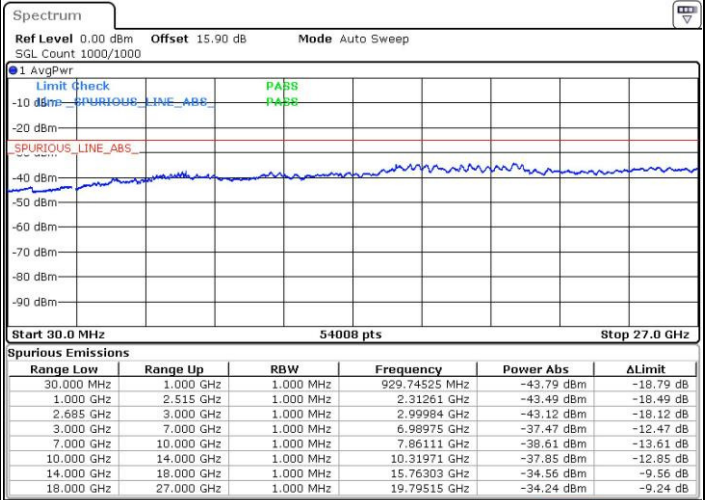
LTE Band 41 / 15MHz

Lowest Channel / QPSK



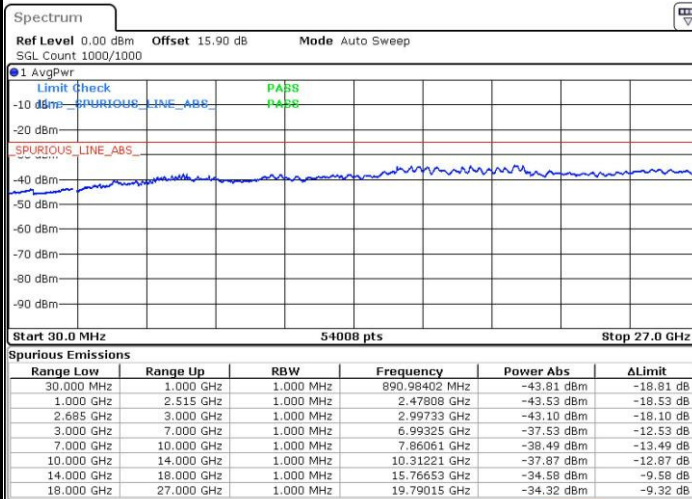
Date: 1.MAR.2017 21:30:52

Lowest Channel / 16QAM



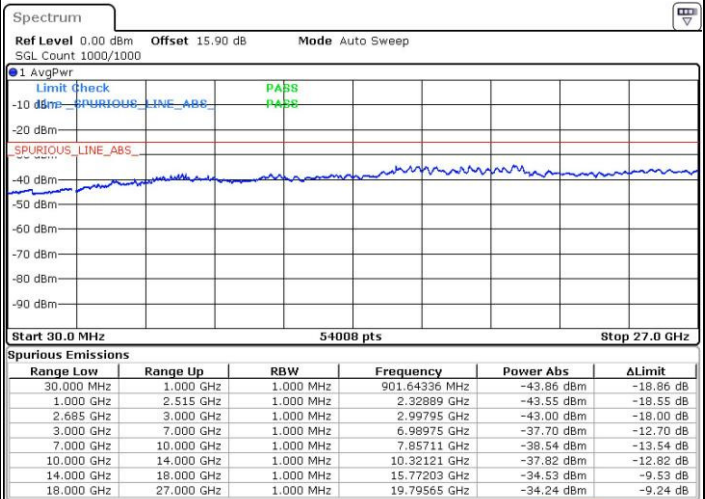
Date: 1.MAR.2017 21:24:42

Middle Channel / QPSK



Date: 1.MAR.2017 21:37:10

Middle Channel / 16QAM

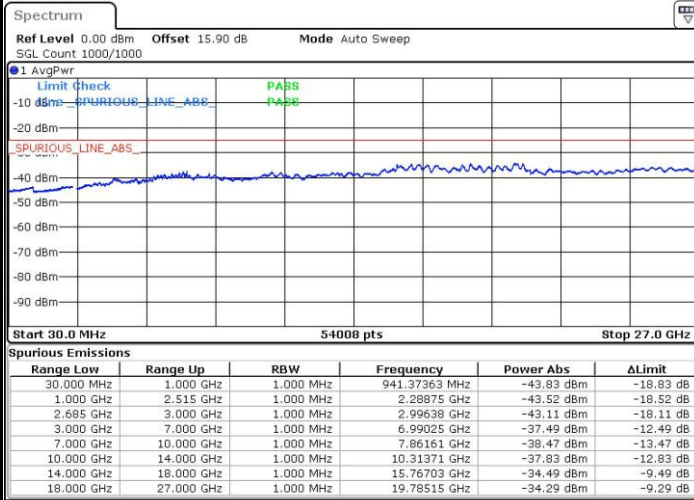


Date: 1.MAR.2017 21:43:23



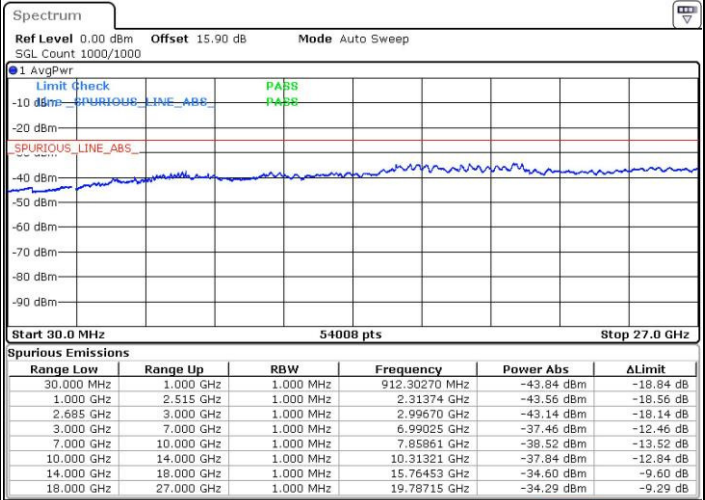
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 1.MAR.2017 22:01:43

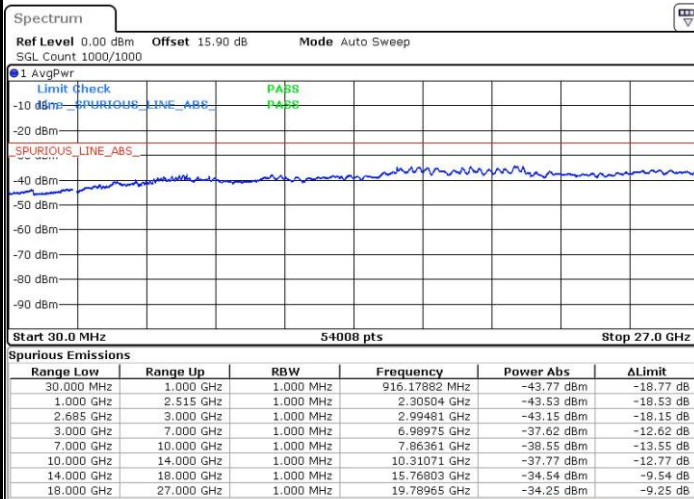
Highest Channel / 16QAM



Date: 1.MAR.2017 21:54:26

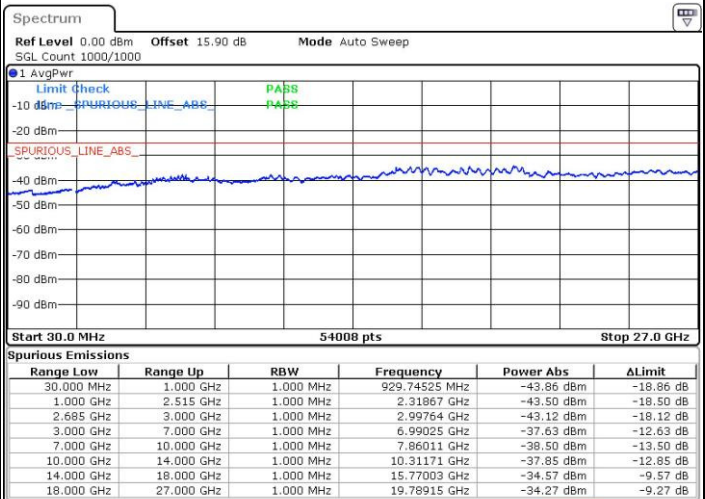
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 1.MAR.2017 22:08:08

Lowest Channel / 16QAM

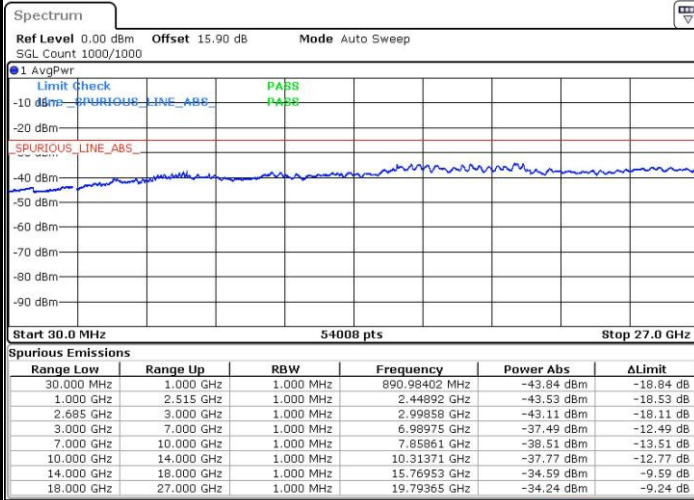


Date: 1.MAR.2017 22:15:18



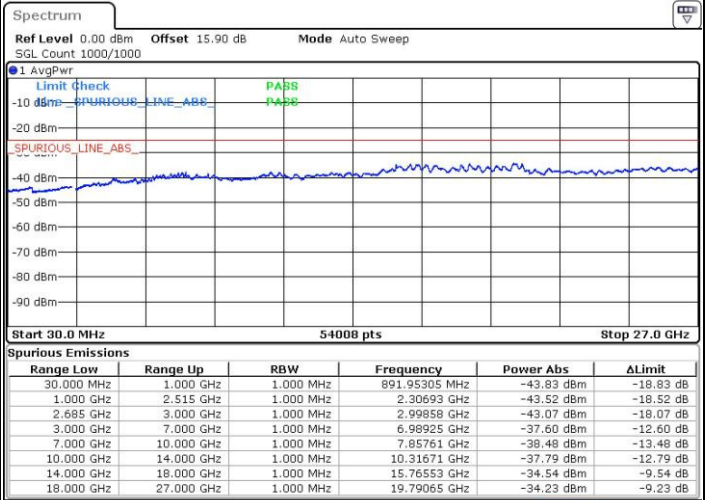
LTE Band 41 / 20MHz

Middle Channel / QPSK



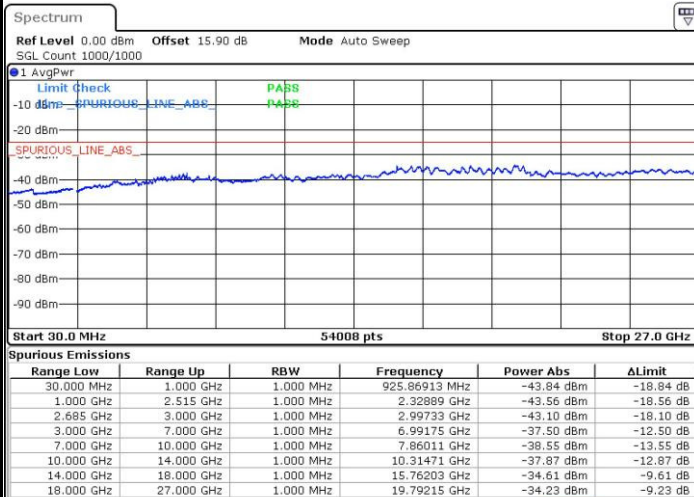
Date: 1.MAR.2017 22:30:37

Middle Channel / 16QAM



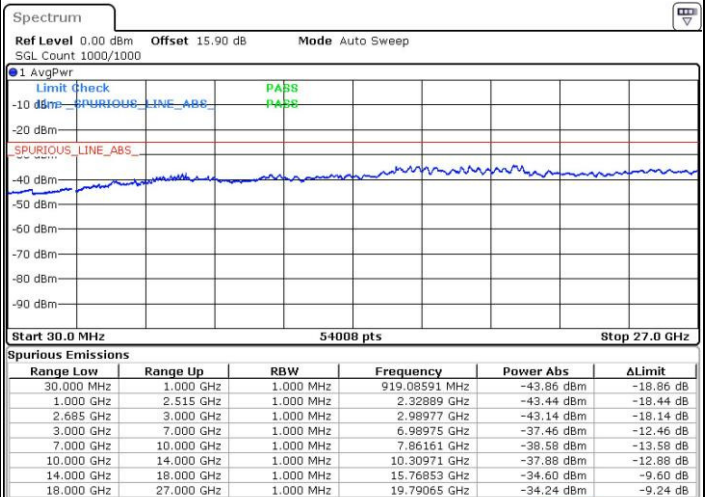
Date: 1.MAR.2017 22:22:26

Highest Channel / QPSK



Date: 1.MAR.2017 22:37:32

Highest Channel / 16QAM



Date: 1.MAR.2017 22:44:02

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

LTE Band 5 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	16.55	0.0452	17.84	0.0608
Middle		3	0	16.81	0.0480	18.08	0.0643
Highest		3	0	16.65	0.0462	17.71	0.0590
Lowest	16QAM	1	0	15.85	0.0385	17.11	0.0514
Middle		1	0	16.08	0.0406	17.37	0.0546
Highest		1	0	15.98	0.0396	17.20	0.0525
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.52	0.0449	17.74	0.0594
Middle		1	0	16.87	0.0486	18.07	0.0641
Highest		1	0	16.87	0.0486	17.86	0.0611
Lowest	16QAM	1	0	15.71	0.0372	16.99	0.0500
Middle		1	0	16.08	0.0406	17.36	0.0545
Highest		1	0	16.13	0.0410	17.12	0.0515
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	17.42	0.0552	17.81	0.0604
Middle		1	12	16.95	0.0495	17.95	0.0624
Highest		1	12	17.00	0.0501	17.83	0.0607
Lowest	16QAM	1	24	15.95	0.0394	17.24	0.0530
Middle		1	24	16.13	0.0410	17.34	0.0542
Highest		1	24	15.97	0.0395	16.94	0.0494
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	17.78	0.0600	18.69	0.0740
Middle		1	49	17.73	0.0593	18.52	0.0711
Highest		1	49	17.26	0.0532	18.27	0.0671
Lowest	16QAM	1	49	17.04	0.0506	17.78	0.0600
Middle		1	49	16.87	0.0486	17.76	0.0597
Highest		1	49	16.62	0.0459	17.37	0.0546
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	20.32	0.1076	21.30	0.1349
Middle		1	12	20.90	0.1230	21.66	0.1466
Highest		1	12	21.57	0.1435	22.59	0.1816
Lowest	16QAM	1	0	19.09	0.0811	20.41	0.1099
Middle		1	0	19.92	0.0982	21.01	0.1262
Highest		1	0	20.31	0.1074	21.83	0.1524
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.64	0.1159	22.32	0.1706
Middle		1	49	20.96	0.1247	21.87	0.1538
Highest		1	49	21.66	0.1466	22.67	0.1849
Lowest	16QAM	1	0	19.37	0.0865	20.65	0.1161
Middle		1	0	20.01	0.1002	21.09	0.1285
Highest		1	0	20.30	0.1072	21.79	0.1510
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	20.32	0.1076	21.64	0.1459
Middle		1	74	20.73	0.1183	22.05	0.1603
Highest		1	74	21.00	0.1259	22.85	0.1928
Lowest	16QAM	1	74	19.57	0.0906	20.99	0.1256
Middle		1	74	19.96	0.0991	21.20	0.1318
Highest		1	74	20.25	0.1059	22.07	0.1611
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	20.65	0.1161	21.91	0.1552
Middle		1	99	20.99	0.1256	22.25	0.1679
Highest		1	99	21.63	0.1455	22.86	0.1932
Lowest	16QAM	1	99	19.94	0.0986	21.13	0.1297
Middle		1	99	20.25	0.1059	21.31	0.1352
Highest		1	99	20.85	0.1216	21.98	0.1578
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.84	0.1213	22.68	0.1854
Middle		1	0	20.96	0.1247	22.45	0.1758
Highest		1	0	21.37	0.1371	21.83	0.1524
Lowest	16QAM	1	12	20.04	0.1009	21.59	0.1442
Middle		1	12	20.76	0.1191	20.96	0.1247
Highest		1	12	20.38	0.1091	22.46	0.1762
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.20	0.1318	22.81	0.1910
Middle		1	49	21.62	0.1452	22.64	0.1837
Highest		1	49	21.01	0.1262	22.43	0.1750
Lowest	16QAM	1	49	20.28	0.1067	21.88	0.1542
Middle		1	49	19.76	0.0946	20.96	0.1247
Highest		1	49	20.62	0.1153	21.60	0.1445
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.95	0.1245	22.54	0.1795
Middle		1	0	20.29	0.1069	22.01	0.1589
Highest		1	0	21.01	0.1262	22.08	0.1614
Lowest	16QAM	1	74	20.62	0.1153	21.77	0.1503
Middle		1	74	20.39	0.1094	21.77	0.1503
Highest		1	74	21.15	0.1303	21.73	0.1489
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	20.65	0.1161	22.43	0.1750
Middle		1	99	20.69	0.1172	22.20	0.1660
Highest		1	99	21.59	0.1442	22.26	0.1683
Lowest	16QAM	1	49	19.99	0.0998	22.15	0.1641
Middle		1	49	20.21	0.1050	21.44	0.1393
Highest		1	49	20.95	0.1245	21.53	0.1422
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.00	0.1995	24.48	0.2805
Middle		1	0	23.30	0.2138	24.31	0.2698
Highest		1	0	23.30	0.2138	24.26	0.2667
Lowest	16QAM	1	12	21.55	0.1429	22.41	0.1742
Middle		1	12	21.26	0.1337	22.32	0.1706
Highest		1	12	21.82	0.1521	21.83	0.1524
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.87	0.2438	24.69	0.2944
Middle		1	49	24.07	0.2553	24.43	0.2773
Highest		1	49	24.05	0.2541	24.33	0.2710
Lowest	16QAM	1	49	21.72	0.1486	22.58	0.1811
Middle		1	49	21.59	0.1442	22.54	0.1795
Highest		1	49	21.62	0.1452	21.95	0.1567
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.49	0.2234	24.15	0.2600
Middle		1	74	23.27	0.2123	24.40	0.2754
Highest		1	74	23.18	0.2080	23.89	0.2449
Lowest	16QAM	1	74	21.57	0.1435	22.74	0.1879
Middle		1	74	21.18	0.1312	22.11	0.1626
Highest		1	74	21.23	0.1327	22.19	0.1656
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	23.97	0.2495	24.36	0.2729
Middle		1	99	23.94	0.2477	24.00	0.2512
Highest		1	99	23.84	0.2421	23.96	0.2489
Lowest	16QAM	1	0	20.75	0.1189	22.67	0.1849
Middle		1	0	20.98	0.1253	22.31	0.1702
Highest		1	0	20.95	0.1245	22.35	0.1718
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****LTE Band 5**

LTE Band 5 / 1.4MHz / 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	1648	-62.25	-13	-49.25	-49.97	-64.01	0.98	4.89	H
	2474	-67.02	-13	-54.02	-60.1	-68.91	1.28	5.32	H
	3298	-65.87	-13	-52.87	-61.08	-69.29	1.54	7.11	H
									H
									H
									H
	1648	-61.83	-13	-48.83	-50.07	-63.59	0.98	4.89	V
	2474	-66.32	-13	-53.32	-59.93	-68.21	1.28	5.32	V
	3298	-65.63	-13	-52.63	-61.05	-69.05	1.54	7.11	V
									V
									V
									V
Middle	1672	-59.88	-13	-46.88	-47.74	-61.56	0.99	4.82	H
	2509	-66.74	-13	-53.74	-59.93	-68.7	1.29	5.41	H
	3345	-65.43	-13	-52.43	-60.71	-69.04	1.56	7.32	H
									H
									H
									H
	1672	-58.87	-13	-45.87	-47.24	-60.55	0.99	4.82	V
	2509	-66.34	-13	-53.34	-59.92	-68.3	1.29	5.41	V
	3345	-65.27	-13	-52.27	-60.78	-68.88	1.56	7.32	V
									V
									V
									V



Highest	1696	-58.48	-13	-45.48	-46.51	-60.08	1.00	4.75	H
	2544	-67.46	-13	-54.46	-60.66	-69.44	1.30	5.44	H
	3393	-65.35	-13	-52.35	-60.87	-69.16	1.57	7.53	H
									H
									H
									H
									H
	1696	-57.37	-13	-44.37	-46.7	-58.97	1.00	4.75	V
	2544	-66.74	-13	-53.74	-60.4	-68.72	1.30	5.44	V
	3393	-65.52	-13	-52.52	-61.03	-69.33	1.57	7.53	V
									V
									V
									V
									V

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



LTE Band 5 / 3MHz / 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	-60.57	-13	-47.57	-48.13	-62.33	0.98	4.89	H
	2472	-66.34	-13	-53.34	-59.35	-68.22	1.28	5.32	H
	3296	-65.93	-13	-52.93	-60.99	-69.34	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.12	-13	-48.12	-49.17	-62.88	0.98	4.89	V
	2472	-65.76	-13	-52.76	-59.21	-67.64	1.28	5.32	V
	3296	-65.56	-13	-52.56	-60.94	-68.97	1.54	7.10	V
									V
									V
									V
									V
Middle	1672	-60.88	-13	-47.88	-48.77	-62.56	0.99	4.82	H
	2504	-62.76	-13	-49.76	-55.86	-64.72	1.29	5.40	H
	3345	-65.63	-13	-52.63	-60.79	-69.24	1.56	7.32	H
									H
									H
									H
									H
	1672	-59.23	-13	-46.23	-47.51	-60.91	0.99	4.82	V
	2504	-63.96	-13	-50.96	-57.55	-65.92	1.29	5.40	V
	3345	-65.26	-13	-52.26	-60.67	-68.87	1.56	7.32	V
									V
									V
									V
									V



Highest	1696	-59.97	-13	-46.97	-48.03	-61.57	1.00	4.75	H
	2538	-66.04	-13	-53.04	-59.24	-68.02	1.30	5.43	H
	3384	-65.56	-13	-52.56	-60.99	-69.33	1.57	7.49	H
									H
									H
									H
									H
	1696	-60.48	-13	-47.48	-48.98	-62.08	1.00	4.75	V
	2538	-65.77	-13	-52.77	-59.4	-67.75	1.30	5.43	V
	3384	-65.25	-13	-52.25	-60.81	-69.02	1.57	7.49	V
									V
									V
									V
									V

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



LTE Band 5 / 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	1648	-57.26	-13	-44.26	-45.01	-59.02	0.98	4.89	H
	2472	-61.11	-13	-48.11	-54.19	-62.99	1.28	5.32	H
	3306	-64.71	-13	-51.71	-60.02	-68.16	1.54	7.15	H
									H
									H
									H
									H
	1648	-56.35	-13	-43.35	-44.55	-58.11	0.98	4.89	V
	2472	-58.81	-13	-45.81	-52.48	-60.69	1.28	5.32	V
	3306	-64.71	-13	-51.71	-60.33	-68.16	1.54	7.15	V
									V
									V
									V
									V
Middle	1672	-57.83	-13	-44.83	-45.86	-59.51	0.99	4.82	H
	2504	-59.26	-13	-46.26	-52.54	-61.22	1.29	5.40	H
	3344	-64.55	-13	-51.55	-60.01	-68.16	1.56	7.31	H
									H
									H
									H
									H
	1672	-58.37	-13	-45.37	-46.87	-60.05	0.99	4.82	V
	2504	-58.76	-13	-45.76	-52.49	-60.72	1.29	5.40	V
	3344	-64.45	-13	-51.45	-60.05	-68.06	1.56	7.31	V
									V
									V
									V
									V
									V



Highest	1688	-58.03	-13	-45.03	-45.95	-59.66	1.00	4.77	H
	2536	-61.07	-13	-48.07	-54.42	-63.05	1.30	5.43	H
	3386	-64.55	-13	-51.55	-60.25	-68.33	1.57	7.50	H
									H
									H
									H
									H
	1688	-57.42	-13	-44.42	-45.74	-59.05	1.00	4.77	V
	2536	-59.79	-13	-46.79	-53.57	-61.77	1.30	5.43	V
	3386	-64.64	-13	-51.64	-60.38	-68.42	1.57	7.50	V
									V
									V
									V
									V

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



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	-56.93	-13	-43.93	-44.65	-58.69	0.98	4.89	H
	2472	-61.11	-13	-48.11	-54.22	-62.99	1.28	5.32	H
	3316	-65.09	-13	-52.09	-60.37	-68.58	1.55	7.19	H
									H
									H
									H
									H
	1648	-55.25	-13	-42.25	-43.33	-57.01	0.98	4.89	V
	2472	-59.81	-13	-46.81	-53.45	-61.69	1.28	5.32	V
	3320	-64.54	-13	-51.54	-60.06	-68.05	1.55	7.21	V
									V
									V
									V
									V
Middle	1664	-58.08	-13	-45.08	-45.92	-59.79	0.98	4.84	H
	2496	-55.04	-13	-42.04	-48.25	-56.99	1.29	5.39	H
	3345	-64.55	-13	-51.55	-59.97	-68.16	1.56	7.32	H
									H
									H
									H
									H
	1664	-58.34	-13	-45.34	-46.65	-60.05	0.98	4.84	V
	2496	-52.46	-13	-39.46	-46.11	-54.41	1.29	5.39	V
	3344	-64.44	-13	-51.44	-60	-68.05	1.56	7.31	V
									V
									V
									V
									V



Highest	1680	-56.04	-13	-43.04	-44.04	-57.69	0.99	4.80	H
	2520	-59.91	-13	-46.91	-53.09	-61.88	1.30	5.42	H
	3376	-64.67	-13	-51.67	-60.27	-68.41	1.57	7.45	H
									H
									H
									H
									H
	1680	-56.51	-13	-43.51	-45.01	-58.16	0.99	4.80	V
	2520	-57.58	-13	-44.58	-51.26	-59.55	1.30	5.42	V
	3376	-64.28	-13	-51.28	-59.93	-68.02	1.57	7.45	V
									V
									V
									V
									V

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

**LTE Band 7**

LTE Band 7 / 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	5004	-59.35	-25	-34.35	-59.22	-66.71	2.34	9.70	H
	7500	-57.44	-25	-32.44	-61.38	-66.81	2.43	11.80	H
	10008	-51.65	-25	-26.65	-59.51	-61.16	2.70	12.20	H
									H
									H
									H
									H
	5004	-62.19	-25	-37.19	-61.92	-69.55	2.34	9.70	V
	7500	-57.96	-25	-32.96	-62.23	-67.33	2.43	11.80	V
	10008	-56.30	-25	-31.30	-63.99	-65.81	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-56.39	-25	-31.39	-56.55	-63.72	2.37	9.70	H
	7596	-52.69	-25	-27.69	-57.05	-62.15	2.40	11.86	H
	10134	-52.45	-25	-27.45	-60.5	-62.01	2.70	12.25	H
									H
									H
									H
									H
	5064	-62.34	-25	-37.34	-62.19	-69.67	2.37	9.70	V
	7596	-56.09	-25	-31.09	-60.67	-65.55	2.40	11.86	V
	10134	-58.22	-25	-33.22	-66.25	-67.78	2.70	12.25	V
									V
									V
									V
									V



Highest	5130	-58.83	-25	-33.83	-59.29	-66.12	2.41	9.70	H
	7698	-56.22	-25	-31.22	-60.97	-65.77	2.37	11.92	H
	10260	-50.94	-25	-25.94	-59.17	-60.55	2.69	12.30	H
									H
									H
									H
									H
	5130	-61.73	-25	-36.73	-62	-69.02	2.41	9.70	V
	7698	-59.96	-25	-34.96	-64.95	-69.51	2.37	11.92	V
	10260	-55.61	-25	-30.61	-63.9	-65.22	2.69	12.30	V
									V
									V
									V
									V

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



LTE Band 7 / 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	5004	-57.85	-25	-32.85	-57.77	-65.21	2.34	9.70	H
	7500	-53.64	-25	-28.64	-57.47	-63.01	2.43	11.80	H
	10008	-52.91	-25	-27.91	-60.62	-62.42	2.70	12.20	H
									H
									H
									H
									H
	5004	-60.65	-25	-35.65	-60.24	-68.01	2.34	9.70	V
	7500	-52.19	-25	-27.19	-56.52	-61.56	2.43	11.80	V
	10008	-57.26	-25	-32.26	-64.83	-66.77	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-58.34	-25	-33.34	-58.38	-65.67	2.37	9.70	H
	7590	-54.75	-25	-29.75	-59.18	-64.2	2.40	11.85	H
	10116	-52.04	-25	-27.04	-60.02	-61.59	2.70	12.25	H
									H
									H
									H
									H
	5064	-61.21	-25	-36.21	-61.19	-68.54	2.37	9.70	V
	7590	-55.36	-25	-30.36	-60.02	-64.81	2.40	11.85	V
	10116	-57.51	-25	-32.51	-65.47	-67.06	2.70	12.25	V
									V
									V
									V
									V



Highest	5124	-57.42	-25	-32.42	-57.85	-64.71	2.41	9.70	H
	7680	-54.51	-25	-29.51	-59.2	-64.05	2.37	11.91	H
	10242	-48.22	-25	-23.22	-56.61	-57.82	2.69	12.30	H
									H
									H
									H
									H
	5124	-60.76	-25	-35.76	-60.9	-68.05	2.41	9.70	V
	7680	-54.27	-25	-29.27	-59.1	-63.81	2.37	11.91	V
	10242	-55.51	-25	-30.51	-63.75	-65.11	2.69	12.30	V
									V
									V
									V
									V

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



LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-59.86	-25	-34.86	-59.75	-67.22	2.34	9.70	H
	7500	-58.79	-25	-33.79	-62.83	-68.16	2.43	11.80	H
	10008	-51.82	-25	-26.82	-59.65	-61.33	2.70	12.20	H
									H
									H
									H
									H
	5004	-62.66	-25	-37.66	-62.21	-70.02	2.34	9.70	V
	7500	-57.64	-25	-32.64	-61.89	-67.01	2.43	11.80	V
	10008	-56.68	-25	-31.68	-64.39	-66.19	2.70	12.20	V
									V
									V
									V
									V
Middle	5058	-60.69	-25	-35.69	-60.73	-68.02	2.37	9.70	H
	7584	-60.17	-25	-35.17	-64.44	-69.62	2.40	11.85	H
	10116	-51.81	-25	-26.81	-59.88	-61.36	2.70	12.25	H
									H
									H
									H
									H
	5058	-62.22	-25	-37.22	-62.17	-69.55	2.37	9.70	V
	7584	-56.14	-25	-31.14	-60.63	-65.59	2.40	11.85	V
	10116	-57.67	-25	-32.67	-65.56	-67.22	2.70	12.25	V
									V
									V
									V
									V



Highest	5112	-57.58	-25	-32.58	-57.87	-64.88	2.40	9.70	H
	7668	-57.58	-25	-32.58	-62.2	-67.11	2.38	11.90	H
	10224	-49.47	-25	-24.47	-57.6	-59.06	2.69	12.29	H
									H
									H
									H
									H
	5112	-59.75	-25	-34.75	-59.96	-67.05	2.40	9.70	V
	7668	-51.69	-25	-26.69	-56.36	-61.22	2.38	11.90	V
	10224	-55.83	-25	-30.83	-63.99	-65.42	2.69	12.29	V
									V
									V
									V
									V

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



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-59.75	-25	-34.75	-59.67	-67.11	2.34	9.70	H
	7506	-57.95	-25	-32.95	-62.17	-67.33	2.43	11.80	H
	10008	-52.54	-25	-27.54	-60.27	-62.05	2.70	12.20	H
									H
									H
									H
									H
	5004	-62.41	-25	-37.41	-62.08	-69.77	2.34	9.70	V
	7506	-57.24	-25	-32.24	-61.53	-66.62	2.43	11.80	V
	10008	-57.77	-25	-32.77	-65.47	-67.28	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-60.08	-25	-35.08	-60.11	-67.41	2.37	9.70	H
	7578	-57.89	-25	-32.89	-62.15	-67.33	2.40	11.85	H
	10098	-51.48	-25	-26.48	-59.37	-61.02	2.70	12.24	H
									H
									H
									H
									H
	5052	-61.96	-25	-36.96	-61.83	-69.29	2.37	9.70	V
	7578	-56.67	-25	-31.67	-61.27	-66.11	2.40	11.85	V
	10098	-56.68	-25	-31.68	-64.61	-66.22	2.70	12.24	V
									V
									V
									V
									V



Highest	5100	-56.57	-25	-31.57	-56.71	-63.88	2.39	9.70	H
	7656	-57.21	-25	-32.21	-61.89	-66.72	2.38	11.89	H
	10206	-50.29	-25	-25.29	-58.5	-59.88	2.70	12.28	H
									H
									H
									H
									H
	5100	-58.91	-25	-33.91	-59.1	-66.22	2.39	9.70	V
	7656	-53.26	-25	-28.26	-58.07	-62.77	2.38	11.89	V
	10206	-56.52	-25	-31.52	-64.72	-66.11	2.70	12.28	V
									V
									V
									V
									V

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

**LTE Band 38**

LTE Band 38 / 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	5142	-56.80	-25	-31.80	-57.46	-64.08	2.42	9.70	H
	7710	-51.17	-25	-26.17	-56.09	-60.73	2.36	11.93	H
	10278	-52.47	-25	-27.47	-66.78	-62.09	2.69	12.31	H
	15426	-57.31	-25	-32.31	-71	-67.73	3.78	14.20	H
									H
									H
									H
	5142	-57.77	-25	-32.77	-58.28	-65.05	2.42	9.70	V
	7710	-48.29	-25	-23.29	-53.5	-57.85	2.36	11.93	V
	10278	-57.81	-25	-32.81	-66.19	-67.43	2.69	12.31	V
	15426	-58.60	-25	-33.60	-73.23	-69.02	3.78	14.20	V
									V
									V
									V
Middle	5184	-55.05	-25	-30.05	-55.88	-62.31	2.44	9.70	H
	7776	-52.15	-25	-27.15	-57.32	-61.78	2.34	11.97	H
	10368	-50.15	-25	-25.15	-58.84	-59.8	2.69	12.35	H
	15552	-55.33	-25	-30.33	-70.22	-65.73	3.83	14.23	H
									H
									H
									H
	5184	-54.39	-25	-29.39	-55.08	-61.65	2.44	9.70	V
	7776	-49.38	-25	-24.38	-54.84	-59.01	2.34	11.97	V
	10368	-56.43	-25	-31.43	-64.98	-66.08	2.69	12.35	V
	15552	-57.43	-25	-32.43	-72.34	-67.83	3.83	14.23	V
									V
									V
									V



Highest	5232	-49.31	-25	-24.31	-50.4	-56.54	2.47	9.70	H
	7848	-51.22	-25	-26.22	-56.63	-60.91	2.32	12.01	H
	10458	-46.58	-25	-21.58	-55.47	-56.27	2.69	12.38	H
	15696	-54.98	-25	-29.98	-69.61	-65.12	3.89	14.03	H
									H
									H
									H
	5232	-53.18	-25	-28.18	-54.14	-60.41	2.47	9.70	V
	7848	-49.33	-25	-24.33	-55.05	-59.02	2.32	12.01	V
	10458	-53.61	-25	-28.61	-62.34	-63.3	2.69	12.38	V
	15696	-56.68	-25	-31.68	-71.71	-66.82	3.89	14.03	V
									V
									V
									V

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



LTE Band 38 / 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	5154	-56.88	-25	-31.88	-57.54	-64.15	2.43	9.70	H
	7728	-50.54	-25	-25.54	-55.52	-60.12	2.36	11.94	H
	10296	-50.60	-25	-25.60	-59.14	-60.22	2.69	12.32	H
	15462	-55.84	-25	-30.84	-70.68	-66.3	3.79	14.25	H
									H
									H
									H
	5154	-59.07	-25	-34.07	-59.58	-66.34	2.43	9.70	V
	7728	-48.83	-25	-23.83	-54.1	-58.41	2.36	11.94	V
	10296	-55.96	-25	-30.96	-64.37	-65.58	2.69	12.32	V
	15462	-58.70	-25	-33.70	-73.45	-69.16	3.79	14.25	V
									V
									V
									V
Middle	5184	-55.28	-25	-30.28	-56.11	-62.54	2.44	9.70	H
	7770	-54.33	-25	-29.33	-59.44	-63.95	2.34	11.96	H
	10368	-53.18	-25	-28.18	-61.87	-62.83	2.69	12.35	H
	12960	-56.13	-25	-31.13	-69.17	-66.16	2.92	12.95	H
	15552	-56.24	-25	-31.24	-71.13	-66.64	3.83	14.23	H
									H
									H
	5184	-58.76	-25	-33.76	-59.45	-66.02	2.44	9.70	V
	7770	-53.73	-25	-28.73	-59.13	-63.35	2.34	11.96	V
	10368	-57.47	-25	-32.47	-66.02	-67.12	2.69	12.35	V
	12960	-59.01	-25	-34.01	-71.63	-69.04	2.92	12.95	V
	15552	-58.79	-25	-33.79	-73.7	-69.19	3.83	14.23	V
									V
									V



Highest	5214	-51.76	-25	-26.76	-52.76	-59	2.46	9.70	H
	7818	-51.53	-25	-26.53	-56.82	-61.19	2.33	11.99	H
	10422	-43.38	-25	-18.38	-52.18	-53.06	2.69	12.37	H
	13032	-56.59	-25	-31.59	-69.62	-66.7	2.94	13.04	H
	15642	-53.94	-25	-28.94	-68.67	-64.18	3.87	14.10	H
									H
									H
	5214	-55.32	-25	-30.32	-56.19	-62.56	2.46	9.70	V
	7818	-49.16	-25	-24.16	-54.75	-58.82	2.33	11.99	V
	10422	-51.13	-25	-26.13	-59.78	-60.81	2.69	12.37	V
	13032	-58.60	-25	-33.60	-71.27	-68.71	2.94	13.04	V
	15642	-55.91	-25	-30.91	-70.9	-66.15	3.87	14.10	V
									V
									V

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



LTE Band 38 / 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	5142	-58.64	-25	-33.64	-59.3	-65.92	2.42	9.70	H
	7710	-52.30	-25	-27.30	-57.22	-61.86	2.36	11.93	H
	10278	-52.21	-25	-27.21	-60.72	-61.83	2.69	12.31	H
									H
									H
									H
									H
	5142	-59.66	-25	-34.66	-60.17	-66.94	2.42	9.70	V
	7710	-48.81	-25	-23.81	-54.02	-58.37	2.36	11.93	V
	10278	-56.35	-25	-31.35	-64.73	-65.97	2.69	12.31	V
									V
									V
									V
									V
Middle	5178	-54.87	-25	-29.87	-55.7	-62.13	2.44	9.70	H
	7764	-51.28	-25	-26.28	-56.39	-60.89	2.34	11.96	H
	10350	-50.74	-25	-25.74	-59.4	-60.39	2.69	12.34	H
	15534	-55.33	-25	-30.33	-70.25	-65.76	3.82	14.25	H
									H
									H
									H
	5178	-59.45	-25	-34.45	-60.14	-66.71	2.44	9.70	V
	7764	-49.98	-25	-24.98	-55.38	-59.59	2.34	11.96	V
	10350	-58.42	-25	-33.42	-66.94	-68.07	2.69	12.34	V
	15534	-57.73	-25	-32.73	-72.63	-68.16	3.82	14.25	V
									V
									V
									V



Highest	5214	-51.24	-25	-26.24	-52.24	-58.48	2.46	9.70	H
	7818	-51.77	-25	-26.77	-57.06	-61.43	2.33	11.99	H
	10422	-47.54	-25	-22.54	-56.34	-57.22	2.69	12.37	H
	15642	-52.98	-25	-27.98	-67.71	-63.22	3.87	14.10	H
									H
									H
									H
	5214	-55.20	-25	-30.20	-56.07	-62.44	2.46	9.70	V
	7818	-49.12	-25	-24.12	-54.71	-58.78	2.33	11.99	V
	10422	-53.02	-25	-28.02	-61.67	-62.7	2.69	12.37	V
	15642	-55.93	-25	-30.93	-70.92	-66.17	3.87	14.10	V
									V
									V
									V

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



LTE Band 38 / 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	5142	-57.83	-25	-32.83	-58.49	-65.11	2.42	9.70	H
	7716	-51.87	-25	-26.87	-56.79	-61.44	2.36	11.93	H
	10278	-50.97	-25	-25.97	-59.48	-60.59	2.69	12.31	H
	15426	-57.43	-25	-32.43	-72.13	-67.85	3.78	14.20	H
									H
									H
									H
	5142	-58.13	-25	-33.13	-58.64	-65.41	2.42	9.70	V
	7716	-49.25	-25	-24.25	-54.46	-58.82	2.36	11.93	V
	10278	-56.35	-25	-31.35	-64.73	-65.97	2.69	12.31	V
	15426	-58.66	-25	-33.66	-73.29	-69.08	3.78	14.20	V
									V
									V
									V
Middle	5172	-54.48	-25	-29.48	-55.23	-61.74	2.44	9.70	H
	7758	-49.61	-25	-24.61	-54.72	-59.22	2.35	11.95	H
	10350	-51.10	-25	-26.10	-59.76	-60.75	2.69	12.34	H
	15516	-54.73	-25	-29.73	-69.69	-65.19	3.81	14.28	H
									H
									H
									H
	5172	-55.17	-25	-30.17	-55.77	-62.43	2.44	9.70	V
	7758	-50.19	-25	-25.19	-55.59	-59.8	2.35	11.95	V
	10350	-58.47	-25	-33.47	-66.99	-68.12	2.69	12.34	V
	15516	-57.11	-25	-32.11	-71.99	-67.57	3.81	14.28	V
									V
									V
									V



Highest	5202	-52.43	-25	-27.43	-53.35	-59.68	2.45	9.70	H
	7806	-50.68	-25	-25.68	-55.91	-60.33	2.33	11.98	H
	10404	-46.52	-25	-21.52	-55.29	-56.19	2.69	12.36	H
	15606	-54.21	-25	-29.21	-69	-64.51	3.85	14.15	H
									H
									H
									H
	5202	-56.12	-25	-31.12	-56.9	-63.37	2.45	9.70	V
	7806	-48.60	-25	-23.60	-54.13	-58.25	2.33	11.98	V
	10404	-52.28	-25	-27.28	-60.9	-61.95	2.69	12.36	V
	15606	-57.37	-25	-32.37	-72.33	-67.67	3.85	14.15	V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 5MHz / 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	5094	-61.77	-25	-36.77	-61.93	-69.08	2.39	9.70	H
	7638	-54.26	-25	-29.26	-58.59	-63.76	2.38	11.88	H
	10188	-55.84	-25	-30.84	-63.8	-65.42	2.70	12.28	H
									H
									H
									H
									H
	5094	-60.38	-25	-35.38	-60.38	-67.69	2.39	9.70	V
	7638	-54.47	-25	-29.47	-59.08	-63.97	2.38	11.88	V
	10188	-50.99	-25	-25.99	-58.93	-60.57	2.70	12.28	V
									V
									V
									V
									V
Middle	5196	-57.54	-25	-32.54	-58.17	-64.79	2.45	9.70	H
	7794	-51.58	-25	-26.58	-56.51	-61.22	2.33	11.98	H
	10386	-54.84	-25	-29.84	-63.3	-64.5	2.69	12.35	H
									H
									H
									H
									H
	5196	-57.96	-25	-32.96	-58.49	-65.21	2.45	9.70	V
	7794	-51.55	-25	-26.55	-56.78	-61.19	2.33	11.98	V
	10386	-49.62	-25	-24.62	-57.86	-59.28	2.69	12.35	V
									V
									V
									V
									V



Highest	5304	-43.36	-25	-18.36	-44.49	-50.55	2.51	9.70	H
	7950	-49.18	-25	-24.18	-54.67	-58.97	2.28	12.07	H
	10602	-50.22	-25	-25.22	-59.26	-59.95	2.69	12.42	H
									H
									H
									H
									H
	5304	-40.56	-25	-15.56	-41.57	-47.75	2.51	9.70	V
	7950	-45.42	-25	-20.42	-51.28	-55.21	2.28	12.07	V
	10602	-47.96	-25	-22.96	-56.86	-57.69	2.69	12.42	V
									V
									V
									V
									V

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



LTE Band 41 / 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	5094	-62.81	-25	-37.81	-63.02	-70.12	2.39	9.70	H
	7638	-52.44	-25	-27.44	-56.86	-61.94	2.38	11.88	H
	10188	-59.22	-25	-34.22	-67.37	-68.8	2.70	12.28	H
									H
									H
									H
									H
	5094	-59.95	-25	-34.95	-59.99	-67.26	2.39	9.70	V
	7638	-56.34	-25	-31.34	-60.99	-65.84	2.38	11.88	V
	10188	-53.29	-25	-28.29	-61.26	-62.87	2.70	12.28	V
									V
									V
									V
									V
Middle	5190	-60.34	-25	-35.34	-60.88	-67.59	2.45	9.70	H
	7788	-53.17	-25	-28.17	-58.1	-62.81	2.34	11.97	H
	10386	-57.48	-25	-32.48	-65.94	-67.14	2.69	12.35	H
									H
									H
									H
									H
	5190	-56.97	-25	-31.97	-57.43	-64.22	2.45	9.70	V
	7788	-55.24	-25	-30.24	-60.45	-64.88	2.34	11.97	V
	10386	-50.28	-25	-25.28	-58.62	-59.94	2.69	12.35	V
									V
									V
									V
									V



Highest	5292	-46.13	-25	-21.13	-47.2	-53.32	2.51	9.70	H
	7938	-53.47	-25	-28.47	-58.93	-63.24	2.29	12.06	H
	10584	-57.13	-25	-32.13	-66.21	-66.86	2.69	12.42	H
									H
									H
									H
									H
	5292	-46.46	-25	-21.46	-47.42	-53.65	2.51	9.70	V
	7938	-50.88	-25	-25.88	-56.65	-60.65	2.29	12.06	V
	10584	-50.84	-25	-25.84	-59.7	-60.57	2.69	12.42	V
									V
									V
									V
									V

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



LTE Band 41 / 15MHz / 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	5094	-59.06	-25	-34.06	-57.87	-66.37	2.39	9.70	H
	7638	-56.76	-25	-31.76	-61.74	-66.26	2.38	11.88	H
	10188	-50.74	-25	-25.74	-58.7	-60.32	2.70	12.28	H
									H
									H
									H
									H
	5094	-57.87	-25	-32.87	-57.84	-65.18	2.39	9.70	V
	7638	-55.49	-25	-30.49	-60.08	-64.99	2.38	11.88	V
	10188	-52.18	-25	-27.18	-60.08	-61.76	2.70	12.28	V
									V
									V
									V
									V
Middle	5184	-57.41	-25	-32.41	-57.97	-64.67	2.44	9.70	H
	7782	-53.76	-25	-28.76	-58.68	-63.39	2.34	11.97	H
	10368	-55.28	-25	-30.28	-63.68	-64.93	2.69	12.35	H
									H
									H
									H
									H
	5184	-57.87	-25	-32.87	-58.34	-65.13	2.44	9.70	V
	7782	-53.66	-25	-28.66	-58.9	-63.29	2.34	11.97	V
	10368	-51.28	-25	-26.28	-59.54	-60.93	2.69	12.35	V
									V
									V
									V
									V



Highest	5280	-47.44	-25	-22.44	-48.69	-54.64	2.50	9.70	H
	7920	-46.63	-25	-21.63	-52.16	-56.39	2.29	12.05	H
	10566	-53.87	-25	-28.87	-63.08	-63.59	2.69	12.41	H
									H
									H
									H
									H
	5280	-44.57	-25	-19.57	-45.65	-51.77	2.50	9.70	V
	7920	-47.05	-25	-22.05	-52.93	-56.81	2.29	12.05	V
	10566	-49.64	-25	-24.64	-58.48	-59.36	2.69	12.41	V
									V
									V
									V
									V

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



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	5094	-62.57	-25	-37.57	-62.75	-69.88	2.39	9.70	H
	7638	-58.51	-25	-33.51	-63.08	-68.01	2.38	11.88	H
	10188	-57.53	-25	-32.53	-65.56	-67.11	2.70	12.28	H
									H
									H
									H
									H
	5094	-61.74	-25	-36.74	-61.7	-69.05	2.39	9.70	V
	7638	-59.05	-25	-34.05	-63.78	-68.55	2.38	11.88	V
	10188	-50.01	-25	-25.01	-58.11	-59.59	2.70	12.28	V
									V
									V
									V
									V
Middle	5184	-58.55	-25	-33.55	-59.21	-65.81	2.44	9.70	H
	7776	-53.66	-25	-28.66	-58.71	-63.29	2.34	11.97	H
	10368	-57.37	-25	-32.37	-65.81	-67.02	2.69	12.35	H
									H
									H
									H
									H
	5184	-58.75	-25	-33.75	-59.07	-66.01	2.44	9.70	V
	7776	-54.96	-25	-29.96	-60.35	-64.59	2.34	11.97	V
	10368	-52.36	-25	-27.36	-60.71	-62.01	2.69	12.35	V
									V
									V
									V
									V



Highest	5274	-49.81	-25	-24.81	-50.84	-57.02	2.49	9.70	H
	7908	-49.47	-25	-24.47	-54.96	-59.22	2.30	12.04	H
	10548	-54.31	-25	-29.31	-63.18	-64.03	2.69	12.41	H
									H
									H
									H
									H
	5274	-49.90	-25	-24.90	-50.76	-57.11	2.49	9.70	V
	7908	-50.46	-25	-25.46	-56.24	-60.21	2.30	12.04	V
	10548	-47.87	-25	-22.87	-57.74	-57.59	2.69	12.41	V
									V
									V
									V
									V

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