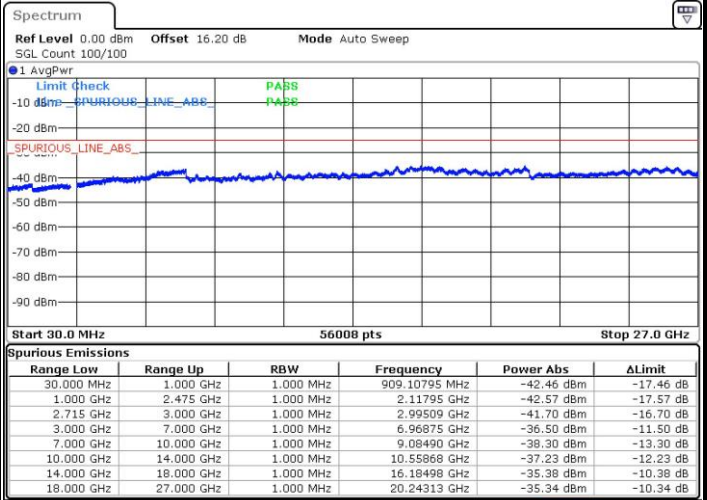
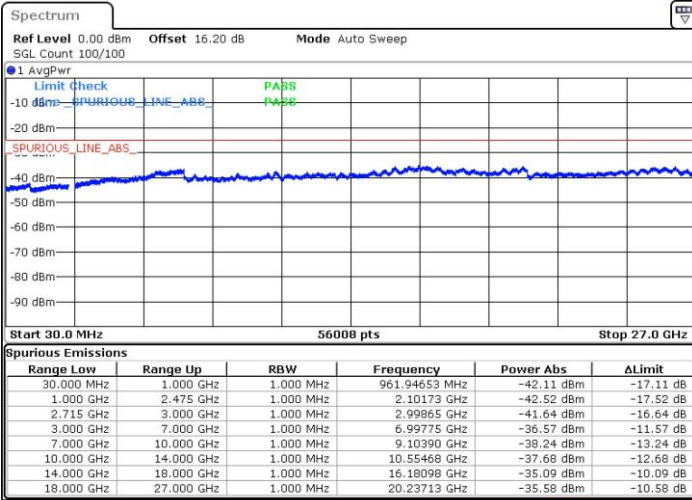




LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

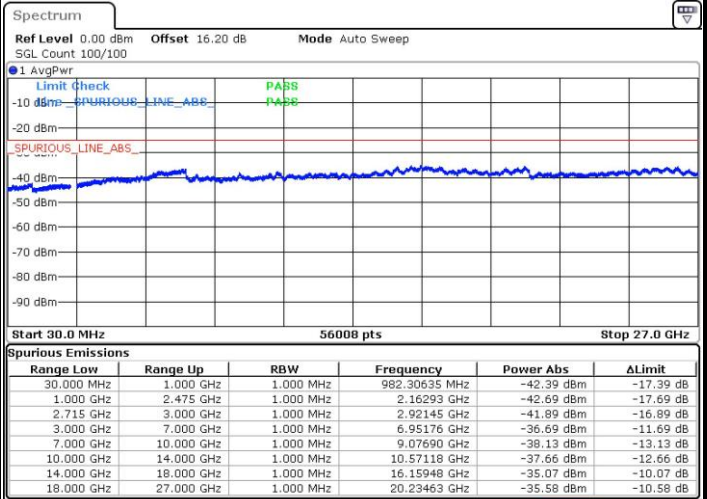
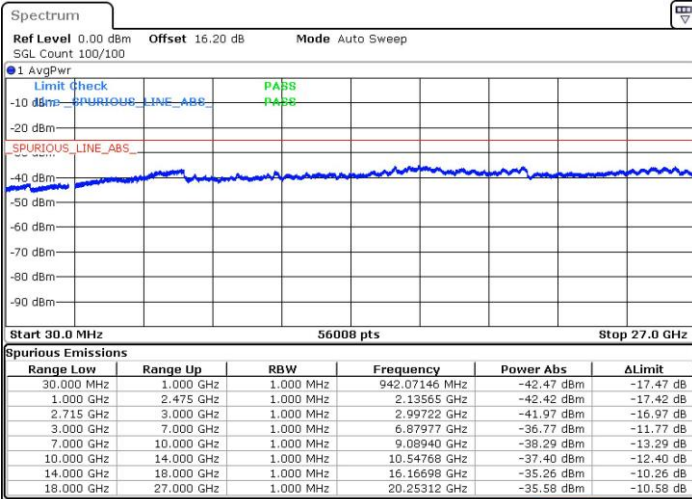


Date: 5.MAR.2019 19:42:22

Date: 5.MAR.2019 19:43:23

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 5.MAR.2019 19:44:23

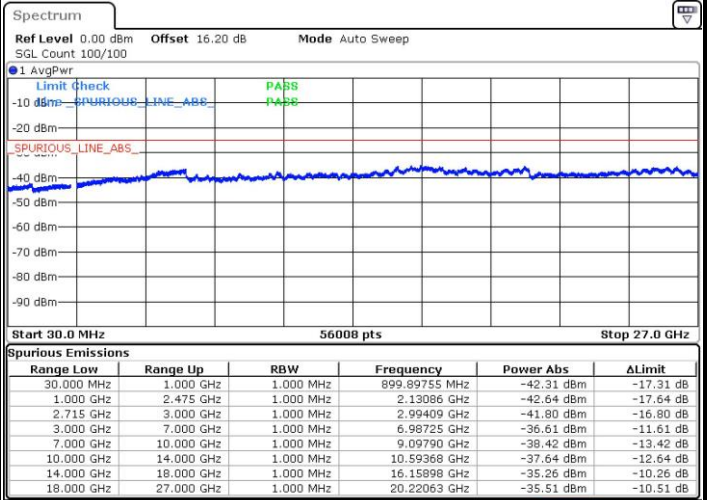
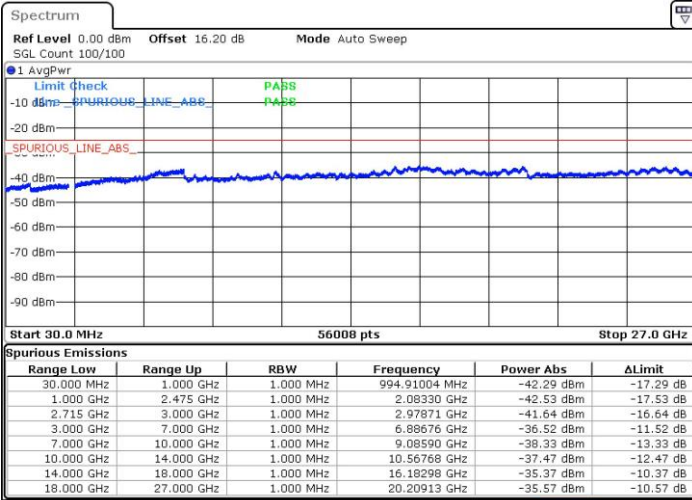
Date: 5.MAR.2019 19:45:23



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



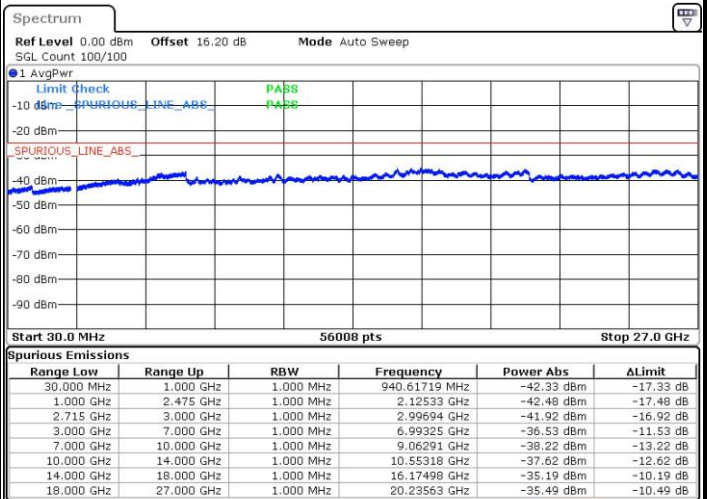
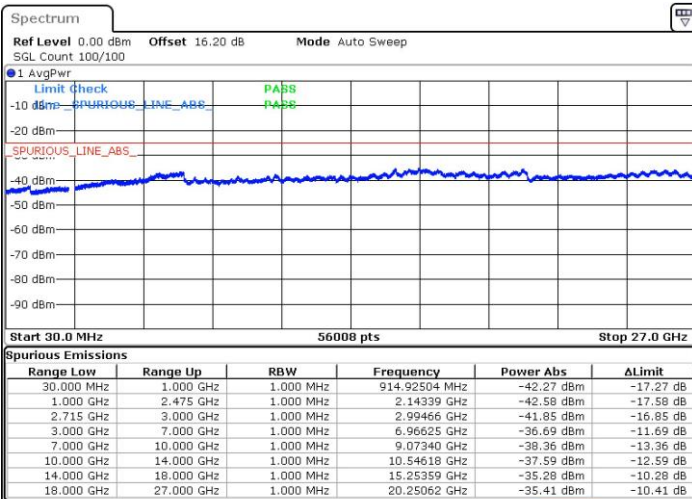
Date: 5.MAR.2019 19:46:24

Date: 5.MAR.2019 19:47:24

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 5.MAR.2019 19:51:27

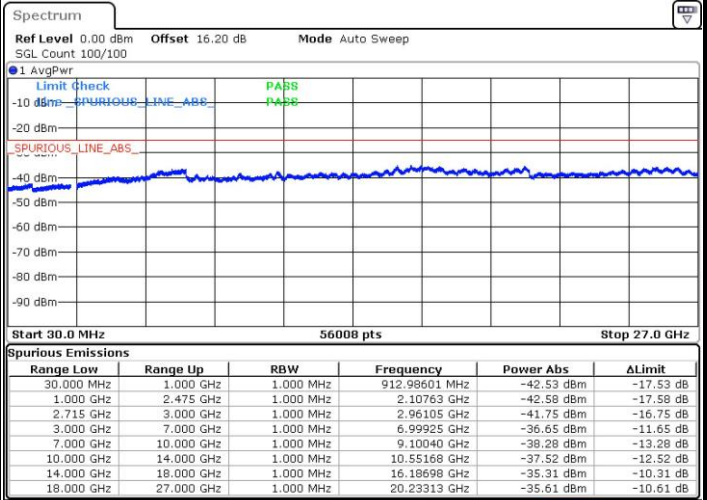
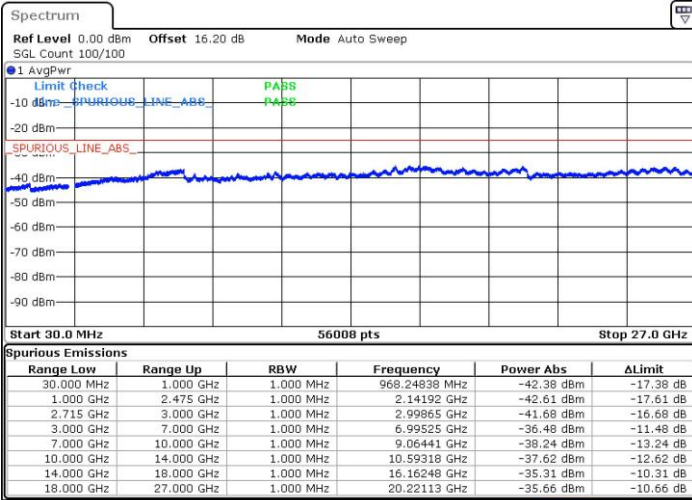
Date: 5.MAR.2019 19:52:28



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

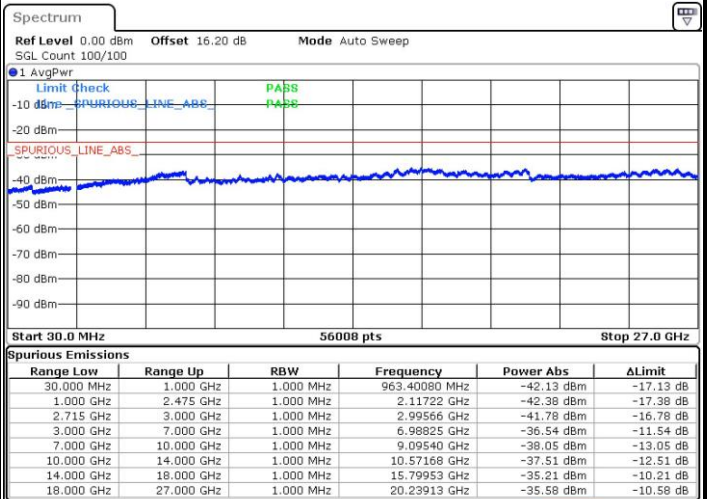
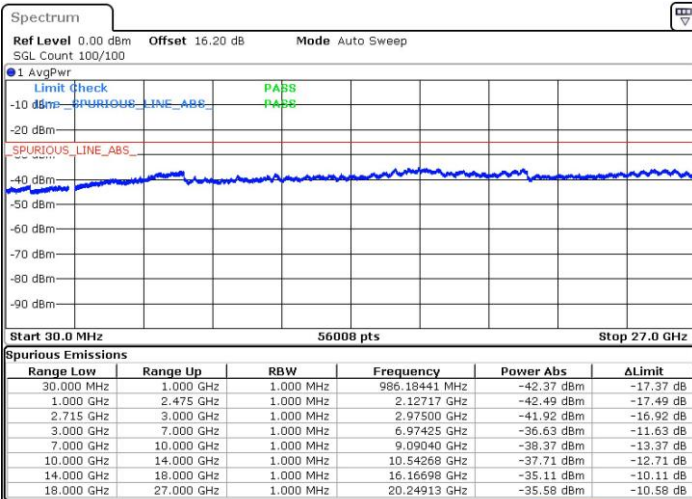


Date: 5.MAR.2019 19:53:28

Date: 5.MAR.2019 19:54:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.MAR.2019 19:55:28

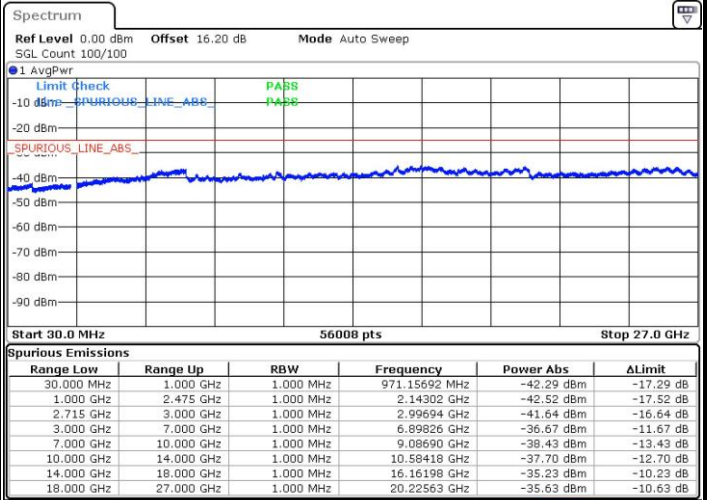
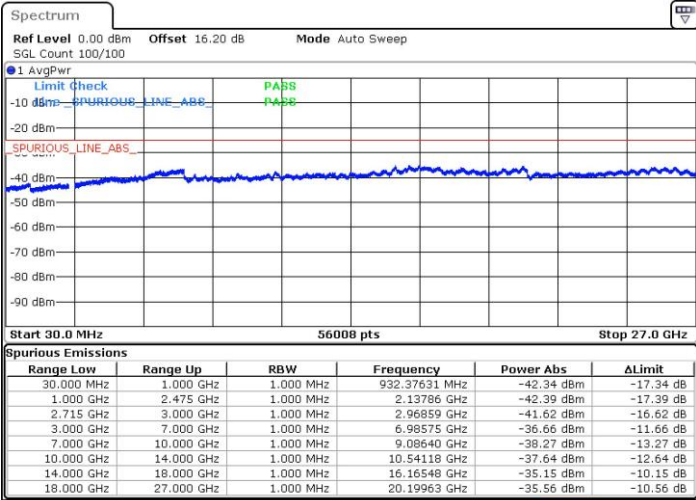
Date: 5.MAR.2019 19:56:29



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

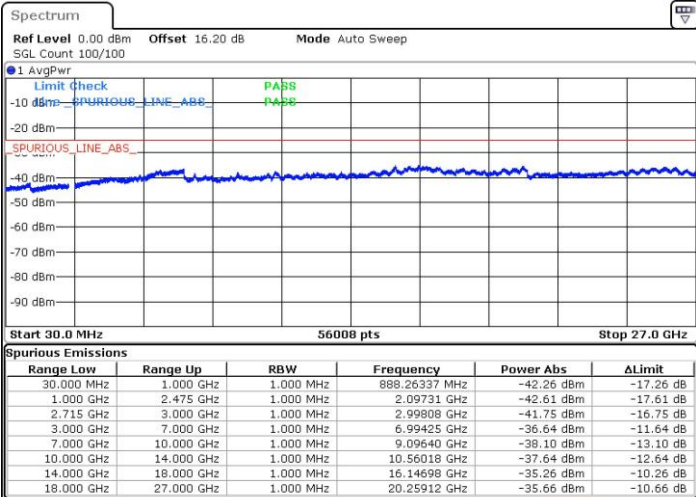
Middle Channel / 64QAM



Date: 5.MAR.2019 19:30:16

Date: 5.MAR.2019 19:31:16

Highest Channel / 64QAM



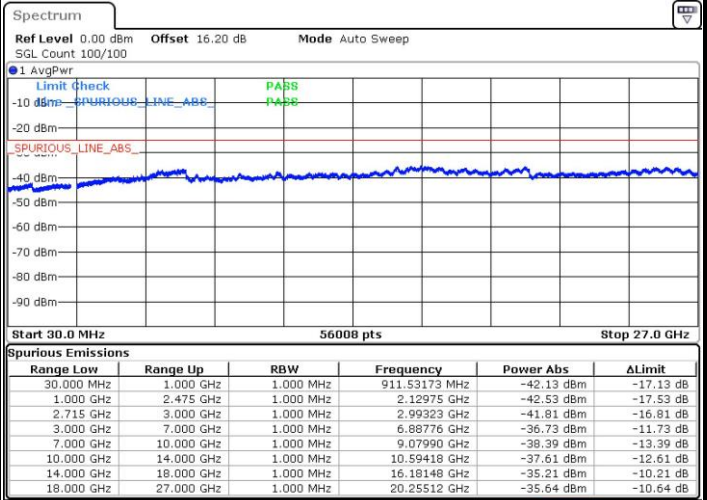
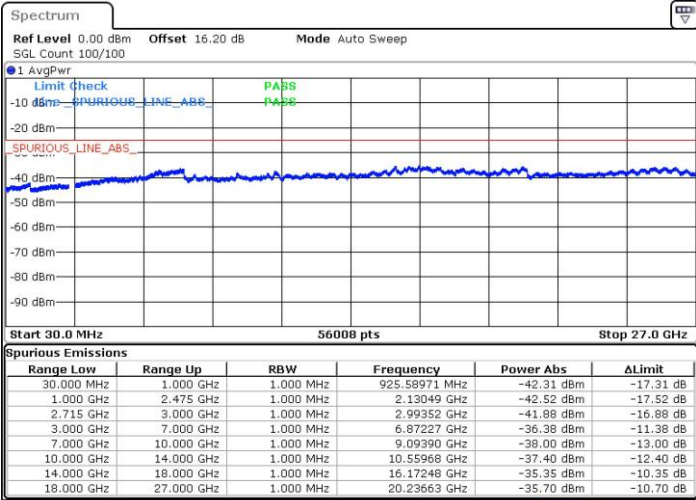
Date: 5.MAR.2019 19:32:16



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

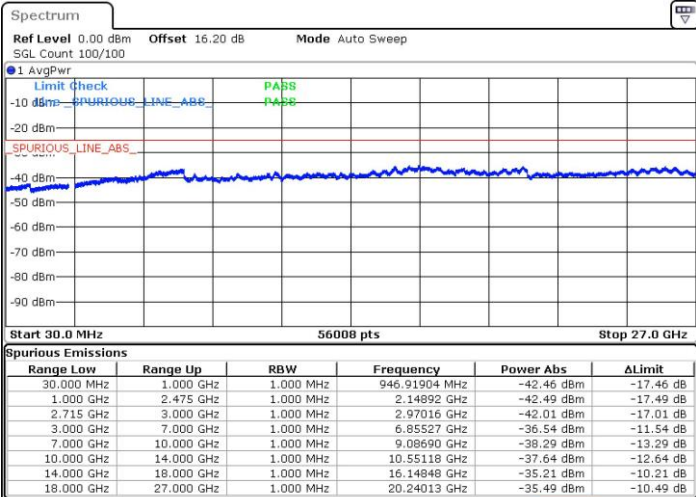
Middle Channel / 64QAM



Date: 5.MAR.2019 19:33:17

Date: 5.MAR.2019 19:34:18

Highest Channel / 64QAM



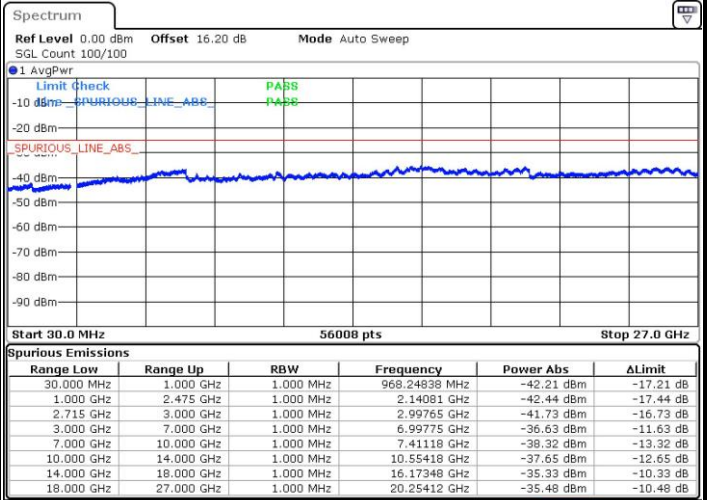
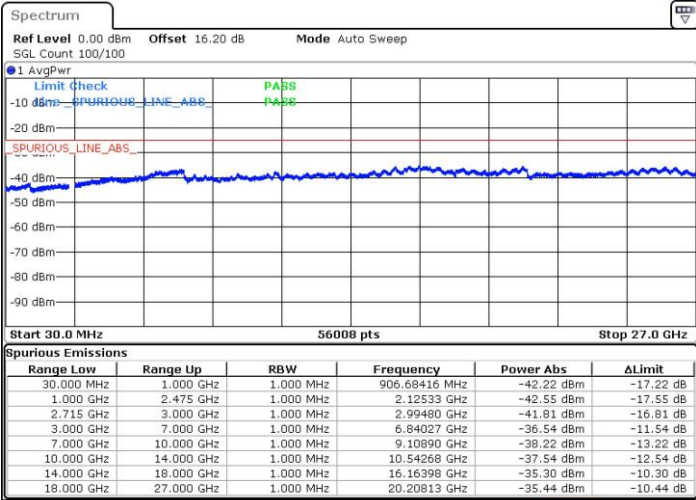
Date: 5.MAR.2019 19:35:18



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

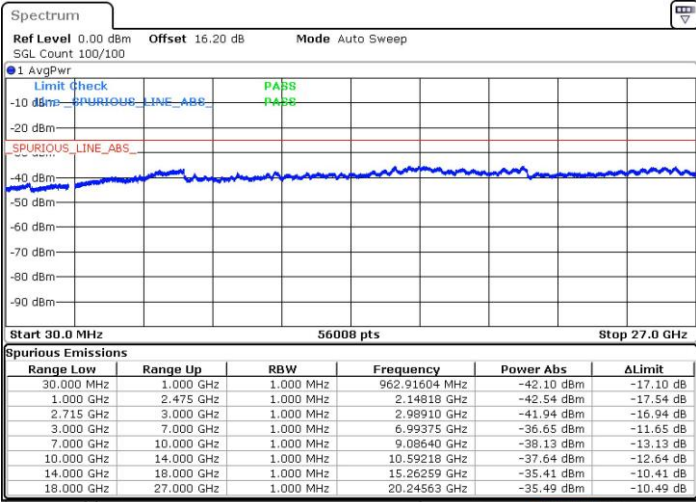
Middle Channel / 64QAM



Date: 5.MAR.2019 19:48:25

Date: 5.MAR.2019 19:49:25

Highest Channel / 64QAM



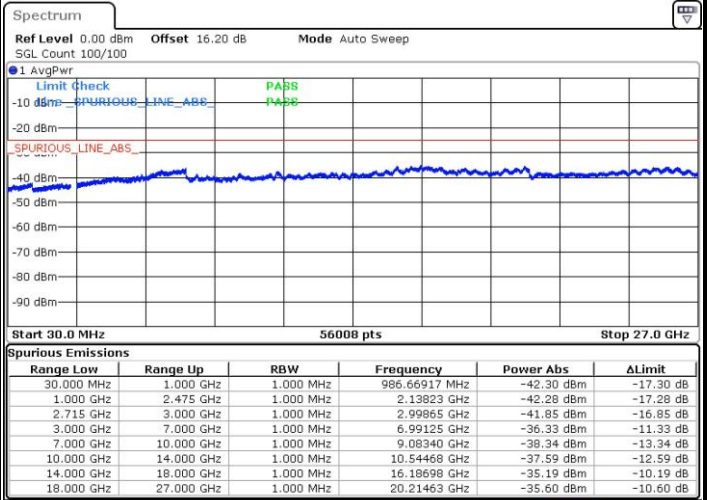
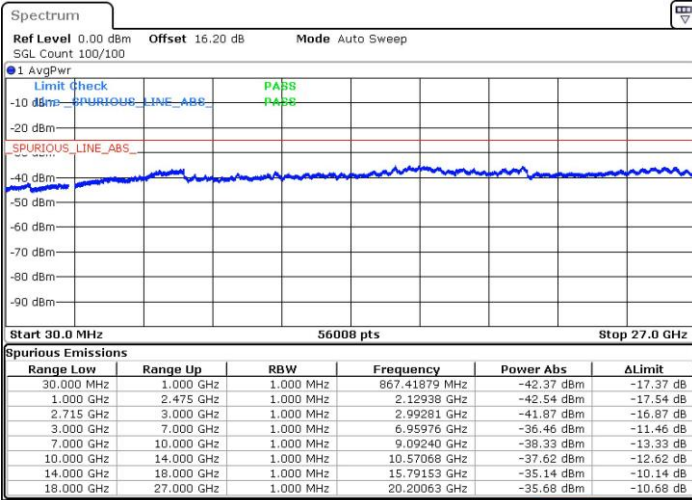
Date: 5.MAR.2019 19:50:26



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

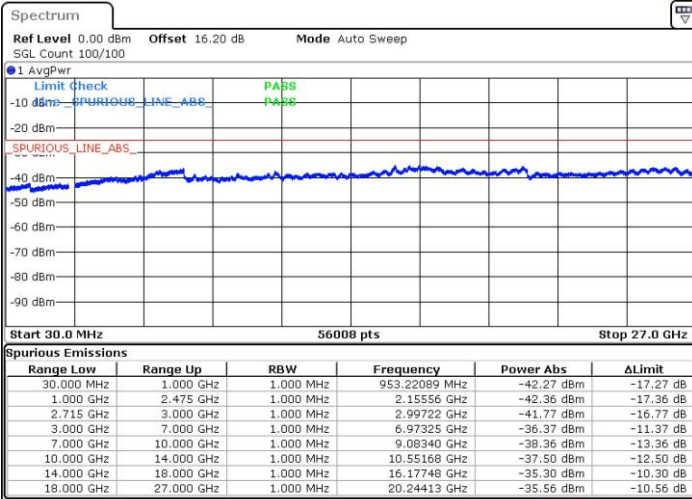
Middle Channel / 64QAM



Date: 5.MAR.2019 19:57:30

Date: 5.MAR.2019 19:58:30

Highest Channel / 64QAM



Date: 5.MAR.2019 19:59:30



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	0.0016	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0026	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	18.64	0.0731	14.04	0.0254
Middle		6	0	18.71	0.0743	14.11	0.0258
Highest		6	0	18.63	0.0729	14.03	0.0253
Lowest	16QAM	1	5	18.29	0.0675	13.69	0.0234
Middle		1	5	18.50	0.0708	13.90	0.0245
Highest		1	5	18.31	0.0678	13.71	0.0235
Lowest	64QAM	1	3	18.37	0.0687	13.77	0.0238
Middle		1	3	18.39	0.0690	13.79	0.0239
Highest		1	3	18.33	0.0681	13.73	0.0236
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	18.73	0.0746	14.13	0.0259
Middle		8	4	18.81	0.0760	14.21	0.0264
Highest		8	4	18.75	0.0750	14.15	0.0260
Lowest	16QAM	1	8	18.43	0.0697	13.83	0.0242
Middle		1	8	18.55	0.0716	13.95	0.0248
Highest		1	8	18.49	0.0706	13.89	0.0245
Lowest	64QAM	1	8	18.42	0.0695	13.82	0.0241
Middle		1	8	18.54	0.0714	13.94	0.0248
Highest		1	8	18.46	0.0701	13.86	0.0243
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	18.76	0.0752	14.16	0.0261
Middle		12	7	18.84	0.0766	14.24	0.0265
Highest		12	7	18.81	0.0760	14.21	0.0264
Lowest	16QAM	1	12	18.38	0.0689	13.78	0.0239
Middle		1	12	18.48	0.0705	13.88	0.0244
Highest		1	12	18.43	0.0697	13.83	0.0242
Lowest	64QAM	1	12	18.36	0.0685	13.76	0.0238
Middle		1	12	18.42	0.0695	13.82	0.0241
Highest		1	12	18.38	0.0689	13.78	0.0239
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	12	18.77	0.0753	14.17	0.0261
Middle		25	12	18.80	0.0759	14.20	0.0263
Highest		25	12	18.77	0.0753	14.17	0.0261
Lowest	16QAM	25	25	18.18	0.0658	13.58	0.0228
Middle		25	25	18.24	0.0667	13.64	0.0231
Highest		25	25	18.54	0.0714	13.94	0.0248
Lowest	64QAM	1	0	18.34	0.0682	13.74	0.0237
Middle		1	0	18.37	0.0687	13.77	0.0238
Highest		1	0	18.47	0.0703	13.87	0.0244
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	18.80	0.0759	14.20	0.0263
Middle		36	20	18.89	0.0774	14.29	0.0269
Highest		36	20	18.84	0.0766	14.24	0.0265
Lowest	16QAM	1	37	18.42	0.0695	13.82	0.0241
Middle		1	37	18.52	0.0711	13.92	0.0247
Highest		1	37	18.43	0.0697	13.83	0.0242
Lowest	64QAM	1	0	18.50	0.0708	13.90	0.0245
Middle		1	0	18.48	0.0705	13.88	0.0244
Highest		1	0	18.46	0.0701	13.86	0.0243
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	18.78	0.0755	14.18	0.0262
Middle		50	0	18.90	0.0776	14.30	0.0269
Highest		50	0	18.82	0.0762	14.22	0.0264
Lowest	16QAM	1	0	18.43	0.0697	13.83	0.0242
Middle		1	0	18.50	0.0708	13.90	0.0245
Highest		1	0	18.48	0.0705	13.88	0.0244
Lowest	64QAM	1	0	18.43	0.0697	13.83	0.0242
Middle		1	0	18.49	0.0706	13.89	0.0245
Highest		1	0	18.46	0.0701	13.86	0.0243
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	18.65	0.0733	18.75	0.0750
Middle		6	0	18.67	0.0736	18.77	0.0753
Highest		6	0	18.76	0.0752	18.86	0.0769
Lowest	16QAM	1	3	18.35	0.0684	18.45	0.0700
Middle		1	3	18.42	0.0695	18.52	0.0711
Highest		1	3	18.50	0.0708	18.60	0.0724
Lowest	64QAM	1	3	18.35	0.0684	18.45	0.0700
Middle		1	3	18.40	0.0692	18.50	0.0708
Highest		1	3	18.51	0.0710	18.61	0.0726
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 3MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	18.75	0.0750	18.85	0.0767
Middle		8	4	18.77	0.0753	18.87	0.0771
Highest		8	4	18.82	0.0762	18.92	0.0780
Lowest	16QAM	1	8	18.45	0.0700	18.55	0.0716
Middle		1	8	18.46	0.0701	18.56	0.0718
Highest		1	8	18.56	0.0718	18.66	0.0735
Lowest	64QAM	1	8	18.40	0.0692	18.50	0.0708
Middle		1	8	18.43	0.0697	18.53	0.0713
Highest		1	8	18.57	0.0719	18.67	0.0736
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 5MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	13	18.68	0.0738	18.78	0.0755
Middle		12	13	18.77	0.0753	18.87	0.0771
Highest		12	13	18.79	0.0757	18.89	0.0774
Lowest	16QAM	1	12	18.35	0.0684	18.45	0.0700
Middle		1	12	18.43	0.0697	18.53	0.0713
Highest		1	12	18.49	0.0706	18.59	0.0723
Lowest	64QAM	1	12	18.30	0.0676	18.40	0.0692
Middle		1	12	18.40	0.0692	18.50	0.0708
Highest		1	12	18.50	0.0708	18.60	0.0724
Limit	EIRP < 1W		Result		PASS		



LTE Band 4 / 10MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	0	18.74	0.0748	18.84	0.0766
Middle		25	0	18.82	0.0762	18.92	0.0780
Highest		25	0	18.81	0.0760	18.91	0.0778
Lowest	16QAM	1	25	18.32	0.0679	18.42	0.0695
Middle		1	25	18.45	0.0700	18.55	0.0716
Highest		1	25	18.50	0.0708	18.60	0.0724
Lowest	64QAM	1	0	18.32	0.0679	18.42	0.0695
Middle		1	0	18.37	0.0687	18.47	0.0703
Highest		1	0	18.52	0.0711	18.62	0.0728
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 15MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	0	18.86	0.0769	18.96	0.0787
Middle		36	0	18.92	0.0780	19.02	0.0798
Highest		36	0	18.90	0.0776	19.00	0.0794
Lowest	16QAM	1	74	18.41	0.0693	18.51	0.0710
Middle		1	74	18.51	0.0710	18.61	0.0726
Highest		1	74	18.64	0.0731	18.74	0.0748
Lowest	64QAM	1	0	18.47	0.0703	18.57	0.0719
Middle		1	0	18.49	0.0706	18.59	0.0723
Highest		1	0	18.64	0.0731	18.74	0.0748
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 20MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	18.87	0.0771	18.97	0.0789
Middle		50	0	18.93	0.0782	19.03	0.0800
Highest		50	0	18.91	0.0778	19.01	0.0796
Lowest	16QAM	1	0	18.34	0.0682	18.44	0.0698
Middle		1	0	18.46	0.0701	18.56	0.0718
Highest		1	0	18.57	0.0719	18.67	0.0736
Lowest	64QAM	1	0	18.38	0.0689	18.48	0.0705
Middle		1	0	18.42	0.0695	18.52	0.0711
Highest		1	0	18.57	0.0719	18.67	0.0736
Limit	EIRP < 1W		Result		PASS		



LTE Band 12 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.03	0.2529	19.28	0.0847
Middle		1	3	23.95	0.2483	19.20	0.0832
Highest		1	3	23.85	0.2427	19.10	0.0813
Lowest	16QAM	1	3	22.41	0.1742	17.66	0.0583
Middle		1	3	22.73	0.1875	17.98	0.0628
Highest		1	3	22.63	0.1832	17.88	0.0614
Lowest	64QAM	1	3	21.72	0.1486	16.97	0.0498
Middle		1	3	21.70	0.1479	16.95	0.0495
Highest		1	3	21.59	0.1442	16.84	0.0483
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.00	0.2512	19.25	0.0841
Middle		1	8	24.02	0.2523	19.27	0.0845
Highest		1	8	23.94	0.2477	19.19	0.0830
Lowest	16QAM	1	8	22.83	0.1919	18.08	0.0643
Middle		1	8	22.81	0.1910	18.06	0.0640
Highest		1	8	22.74	0.1879	17.99	0.0630
Lowest	64QAM	1	8	21.77	0.1503	17.02	0.0504
Middle		1	8	21.77	0.1503	17.02	0.0504
Highest		1	8	21.64	0.1459	16.89	0.0489
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.96	0.2489	19.21	0.0834
Middle		1	12	23.96	0.2489	19.21	0.0834
Highest		1	12	23.86	0.2432	19.11	0.0815
Lowest	16QAM	1	12	22.70	0.1862	17.95	0.0624
Middle		1	12	22.73	0.1875	17.98	0.0628
Highest		1	12	22.62	0.1828	17.87	0.0612
Lowest	64QAM	1	12	21.72	0.1486	16.97	0.0498
Middle		1	12	21.70	0.1479	16.95	0.0495
Highest		1	12	21.60	0.1445	16.85	0.0484
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.89	0.2449	19.14	0.0820
Middle		1	0	24.03	0.2529	19.28	0.0847
Highest		1	0	23.99	0.2506	19.24	0.0839
Lowest	16QAM	1	0	22.74	0.1879	17.99	0.0630
Middle		1	0	22.68	0.1854	17.93	0.0621
Highest		1	0	22.66	0.1845	17.91	0.0618
Lowest	64QAM	1	0	21.67	0.1469	16.92	0.0492
Middle		1	0	21.60	0.1445	16.85	0.0484
Highest		1	0	21.61	0.1449	16.86	0.0485
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.90	0.2455	19.15	0.0822
Middle		1	12	23.90	0.2455	19.15	0.0822
Highest		1	12	23.86	0.2432	19.11	0.0815
Lowest	16QAM	1	12	22.67	0.1849	17.92	0.0619
Middle		1	12	22.72	0.1871	17.97	0.0627
Highest		1	12	22.64	0.1837	17.89	0.0615
Lowest	64QAM	1	12	21.63	0.1455	16.88	0.0488
Middle		1	12	21.68	0.1472	16.93	0.0493
Highest		1	12	21.63	0.1455	16.88	0.0488
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.90	0.2455	19.15	0.0822
Middle		1	0	23.81	0.2404	19.06	0.0805
Highest		1	0	23.93	0.2472	19.18	0.0828
Lowest	16QAM	1	0	22.69	0.1858	17.94	0.0622
Middle		1	0	22.60	0.1820	17.85	0.0610
Highest		1	0	22.67	0.1849	17.92	0.0619
Lowest	64QAM	1	0	21.63	0.1455	16.88	0.0488
Middle		1	0	21.55	0.1429	16.80	0.0479
Highest		1	0	21.61	0.1449	16.86	0.0485
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	16.98	0.0499	16.68	0.0466
Middle		12	7	17.33	0.0541	17.03	0.0505
Highest		12	7	16.91	0.0491	16.61	0.0458
Lowest	16QAM	12	7	17.12	0.0515	16.82	0.0481
Middle		12	7	17.46	0.0557	17.16	0.0520
Highest		12	7	16.66	0.0463	16.36	0.0433
Lowest	64QAM	1	24	17.27	0.0533	16.97	0.0498
Middle		1	24	17.45	0.0556	17.15	0.0519
Highest		1	24	16.53	0.0450	16.23	0.0420
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	12	17.40	0.0550	17.10	0.0513
Middle		25	12	17.26	0.0532	16.96	0.0497
Highest		25	12	17.01	0.0502	16.71	0.0469
Lowest	16QAM	1	49	17.72	0.0592	17.42	0.0552
Middle		1	49	17.42	0.0552	17.12	0.0515
Highest		1	49	17.29	0.0536	16.99	0.0500
Lowest	64QAM	1	49	17.69	0.0587	17.39	0.0548
Middle		1	49	17.25	0.0531	16.95	0.0495
Highest		1	49	16.82	0.0481	16.52	0.0449
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	17.48	0.0560	17.18	0.0522
Middle		36	20	17.27	0.0533	16.97	0.0498
Highest		36	20	16.95	0.0495	16.65	0.0462
Lowest	16QAM	1	74	17.73	0.0593	17.43	0.0553
Middle		1	74	17.29	0.0536	16.99	0.0500
Highest		1	74	17.18	0.0522	16.88	0.0488
Lowest	64QAM	1	74	17.47	0.0558	17.17	0.0521
Middle		1	74	17.03	0.0505	16.73	0.0471
Highest		1	74	16.85	0.0484	16.55	0.0452
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	24	17.56	0.0570	17.26	0.0532
Middle		50	24	17.22	0.0527	16.92	0.0492
Highest		50	24	16.98	0.0499	16.68	0.0466
Lowest	16QAM	1	49	17.74	0.0594	17.44	0.0555
Middle		1	49	17.26	0.0532	16.96	0.0497
Highest		1	49	17.07	0.0509	16.77	0.0475
Lowest	64QAM	50	50	17.45	0.0556	17.15	0.0519
Middle		50	50	16.75	0.0473	16.45	0.0442
Highest		50	50	16.81	0.0480	16.51	0.0448
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

LTE Band 2

LTE Band 2 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3720	-56.20	-13	-43.20	-73.78	-67.43	1.25	12.48	H
	5580	-54.01	-13	-41.01	-75.67	-65.48	1.82	13.28	H
	7440	-48.48	-13	-35.48	-74.82	-57.21	2.45	11.18	H
									H
									H
									H
	3720	-55.55	-13	-42.55	-73.68	-66.78	1.25	12.48	V
	5580	-53.22	-13	-40.22	-75.59	-64.69	1.82	13.28	V
	7440	-48.61	-13	-35.61	-74.68	-57.34	2.45	11.18	V
									V
									V
									V
Middle	3760	-56.16	-13	-43.16	-73.79	-67.40	1.27	12.51	H
	5640	-53.29	-13	-40.29	-75.04	-64.71	1.85	13.27	H
	7520	-48.21	-13	-35.21	-74.87	-56.83	2.50	11.11	H
									H
									H
									H
	3760	-55.59	-13	-42.59	-73.82	-66.83	1.27	12.51	V
	5640	-52.27	-13	-39.27	-74.68	-63.69	1.85	13.27	V
	7520	-48.45	-13	-35.45	-74.93	-57.07	2.50	11.11	V
									V
									V
									V



Highest	3784	-54.24	-13	-41.24	-71.9	-65.48	1.29	12.53	H
	5674	-53.47	-13	-40.47	-75.29	-64.86	1.87	13.27	H
	7571	-48.51	-13	-35.51	-74.76	-57.12	2.53	11.14	H
									H
									H
									H
									H
	3784	-53.72	-13	-40.72	-72.02	-64.96	1.29	12.53	V
	5674	-52.87	-13	-39.87	-75.36	-64.26	1.87	13.27	V
	7571	-48.32	-13	-35.32	-74.55	-56.93	2.53	11.14	V
									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)	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	3441	-57.38	-13	-44.38	-73.71	-68.45	1.10	12.17	H
	5156	-54.45	-13	-41.45	-75.38	-65.80	1.54	12.89	H
	6878	-51.05	-13	-38.05	-75.35	-60.78	2.19	11.92	H
									H
									H
									H
									H
	3441	-56.73	-13	-43.73	-73.52	-67.80	1.10	12.17	V
	5156	-53.76	-13	-40.76	-75.37	-65.11	1.54	12.89	V
	6878	-51.14	-13	-38.14	-75.74	-60.87	2.19	11.92	V
									V
									V
									V
									V
Middle	3462	-57.28	-13	-44.28	-73.96	-68.40	1.10	12.22	H
	5191	-55.21	-13	-42.21	-76.21	-66.58	1.56	12.93	H
	6924	-51.63	-13	-38.63	-75.92	-61.30	2.21	11.88	H
									H
									H
									H
									H
	3462	-56.78	-13	-43.78	-73.81	-67.90	1.10	12.22	V
	5191	-54.54	-13	-41.54	-76.26	-65.91	1.56	12.93	V
	6924	-51.31	-13	-38.31	-76.11	-60.98	2.21	11.88	V
									V
									V
									V
									V



Highest	3476	-52.44	-13	-39.44	-69.34	-63.59	1.10	12.25	H
	5214	-53.88	-13	-40.88	-74.92	-65.26	1.58	12.96	H
	6952	-50.91	-13	-37.91	-75.23	-60.54	2.22	11.85	H
									H
									H
									H
									H
	3476	-54.27	-13	-41.27	-71.46	-65.42	1.10	12.25	V
	5214	-50.34	-13	-37.34	-75.09	-61.72	1.58	12.96	V
	6952	-50.84	-13	-37.84	-75.75	-60.47	2.22	11.85	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	1408	-61.68	-13	-48.68	-71.60	-66.50	0.74	7.71	H	
	2112	-60.06	-13	-47.06	-72.49	-67.22	0.95	10.26	H	
	2816	-58.13	-13	-45.13	-73.10	-65.94	1.09	11.05	H	
										H
										H
										H
										H
	1408	-62.15	-13	-49.15	-71.68	-66.97	0.74	7.71	V	
	2112	-60.23	-13	-47.23	-72.77	-67.39	0.95	10.26	V	
	2816	-57.71	-13	-44.71	-73.17	-65.52	1.09	11.05	V	
										V
										V
										V
										V
Middle	1415	-61.75	-13	-48.75	-71.58	-66.60	0.74	7.74	H	
	2122.5	-60.35	-13	-47.35	-72.91	-67.52	0.95	10.27	H	
	2830	-57.48	-13	-44.48	-72.48	-65.30	1.09	11.06	H	
										H
										H
										H
										H
	1415	-62.22	-13	-49.22	-71.72	-67.07	0.74	7.74	V	
	2122.5	-60.21	-13	-47.21	-72.91	-67.38	0.95	10.27	V	
	2830	-57.23	-13	-44.23	-72.73	-65.05	1.09	11.06	V	
										V
										V
										V
										V



Highest	1422	-61.96	-13	-48.96	-71.70	-66.84	0.74	7.77	H
	2133	-60.29	-13	-47.29	-72.99	-67.48	0.95	10.29	H
	2840	-57.78	-13	-44.78	-72.81	-65.61	1.09	11.07	H
									H
									H
									H
									H
	1422	-62.22	-13	-49.22	-71.67	-67.10	0.74	7.77	V
	2133	-60.36	-13	-47.36	-73.21	-67.55	0.95	10.29	V
	2840	-57.20	-13	-44.20	-72.73	-65.03	1.09	11.07	V
									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	5004	-53.79	-25	-28.79	-74.45	-65.06	1.43	12.70	H
	7512	-49.02	-25	-24.02	-75.75	-57.64	2.49	11.11	H
	10020	-46.13	-25	-21.13	-76.84	-54.28	3.04	11.19	H
									H
									H
									H
									H
	5004	-53.53	-25	-28.53	-74.69	-64.80	1.43	12.70	V
	7512	-49.46	-25	-24.46	-75.98	-58.08	2.49	11.11	V
	10020	-46.63	-25	-21.63	-77	-54.78	3.04	11.19	V
									V
									V
									V
									V
Middle	5196	-53.82	-25	-28.82	-74.83	-65.19	1.56	12.94	H
	7800	-48.53	-25	-23.53	-74.8	-57.10	2.71	11.28	H
	10392	-45.22	-25	-20.22	-76.36	-53.04	3.23	11.04	H
									H
									H
									H
									H
	5196	-53.96	-25	-28.96	-75.68	-65.33	1.56	12.94	V
	7800	-48.78	-25	-23.78	-75.13	-57.35	2.71	11.28	V
	10392	-45.70	-25	-20.70	-76.62	-53.52	3.23	11.04	V
									V
									V
									V
									V



Highest	5358	-54.42	-25	-29.42	-75.71	-65.88	1.67	13.13	H
	8040	-47.33	-25	-22.33	-75.22	-55.93	2.86	11.46	H
	10716	-45.25	-25	-20.25	-76.57	-53.08	3.13	10.96	H
									H
									H
									H
									H
	5358	-53.67	-25	-28.67	-75.66	-65.13	1.67	13.13	V
	8040	-47.62	-25	-22.62	-75.3	-56.22	2.86	11.46	V
	10020	-45.75	-25	-20.75	-76.99	-53.90	3.04	11.19	V
									V
									V
									V
									V

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