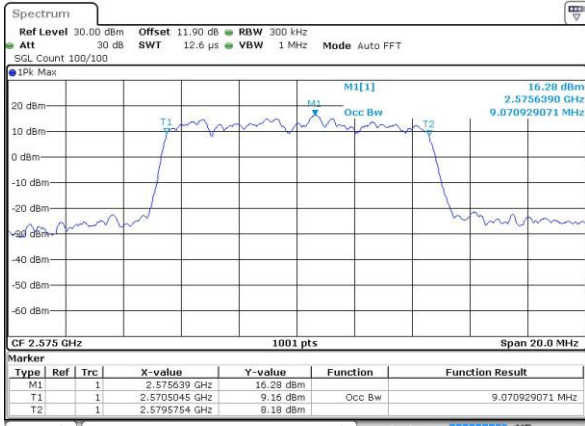




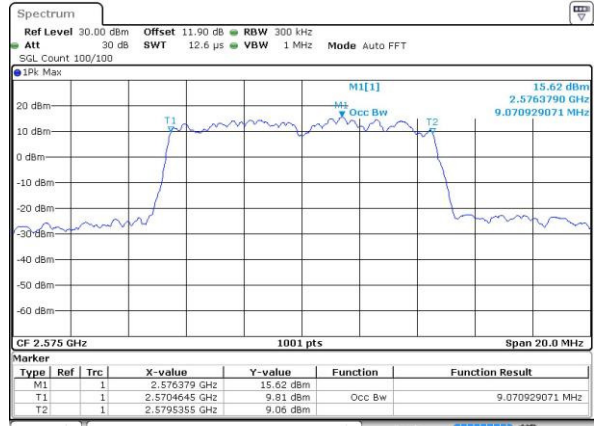
LTE Band 38

Lowest Channel / 10MHz / QPSK



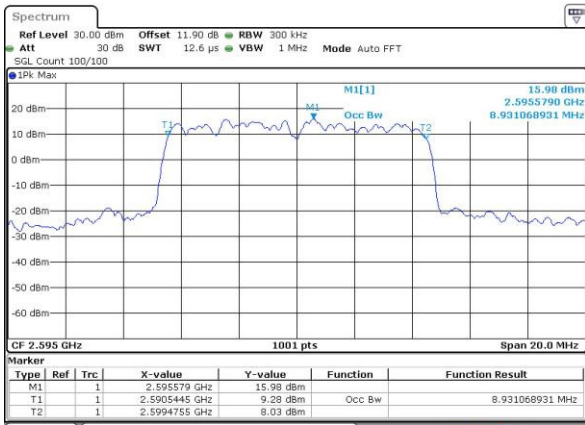
Date: 8 FEB 2017 11:03:11

Lowest Channel / 10MHz / 16QAM



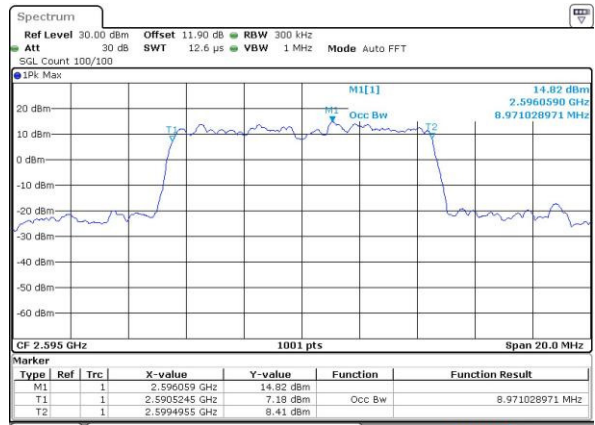
Date: 8 FEB 2017 11:03:21

Middle Channel / 10MHz / QPSK



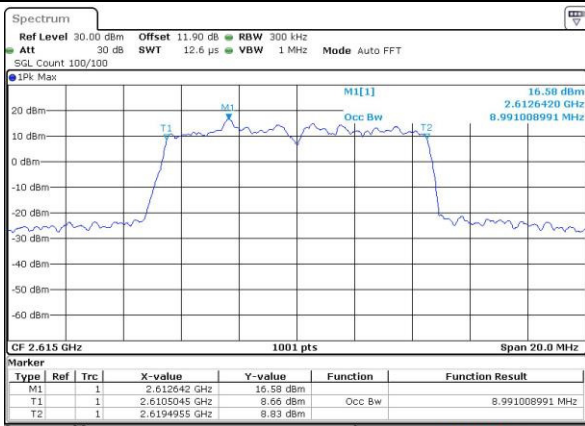
Date: 8 FEB 2017 11:03:53

Middle Channel / 10MHz / 16QAM



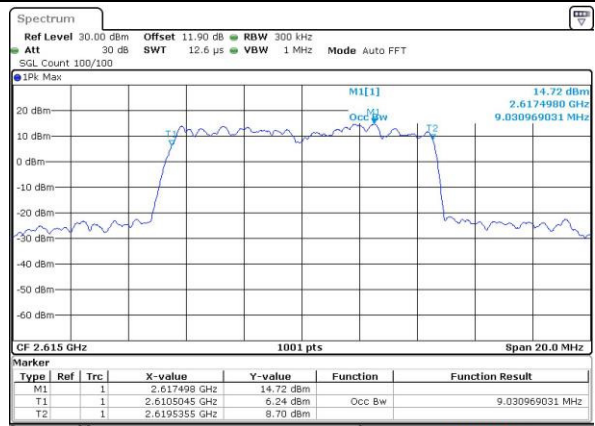
Date: 8 FEB 2017 11:04:03

Highest Channel / 10MHz / QPSK



Date: 8 FEB 2017 11:04:34

Highest Channel / 10MHz / 16QAM

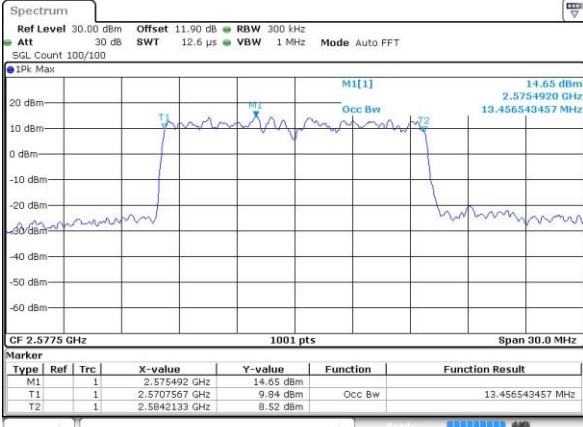


Date: 9 FEB 2017 10:22:59



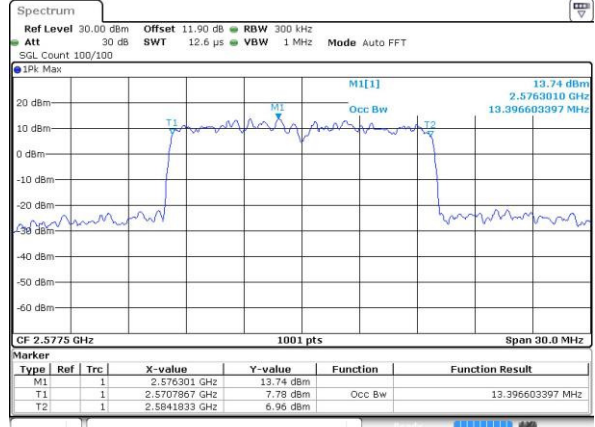
LTE Band 38

Lowest Channel / 15MHz / QPSK



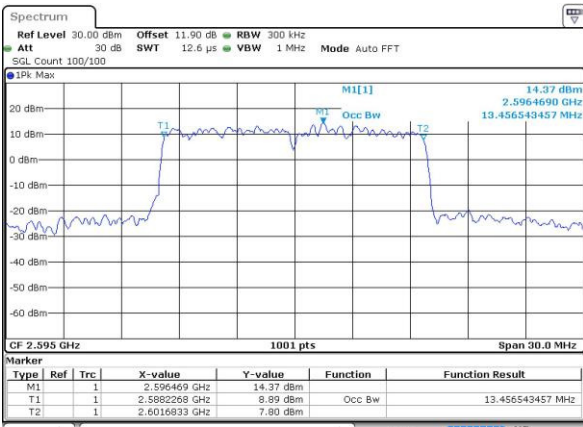
Date: 8 FEB 2017 11:05:16

Lowest Channel / 15MHz / 16QAM



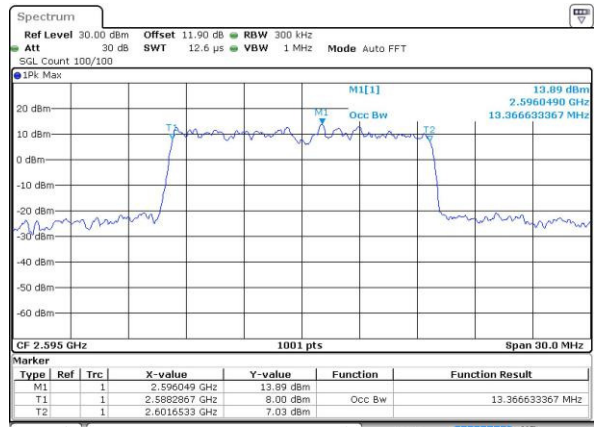
Date: 8 FEB 2017 11:05:26

Middle Channel / 15MHz / QPSK



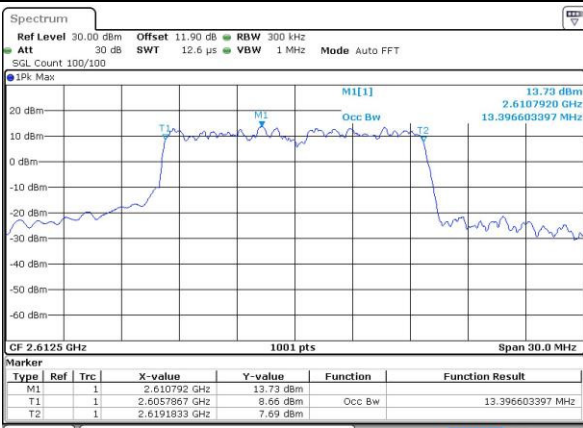
Date: 8 FEB 2017 11:05:57

Middle Channel / 15MHz / 16QAM



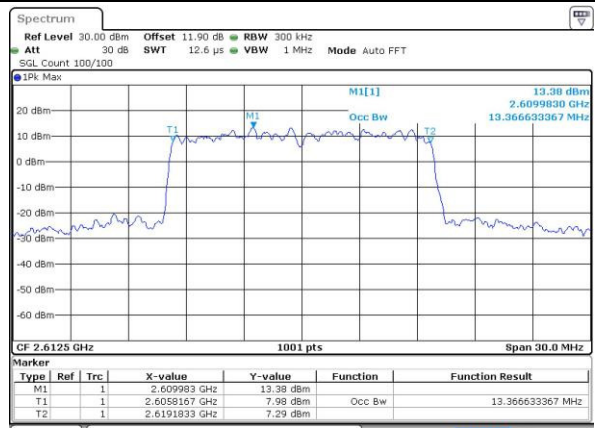
Date: 8 FEB 2017 11:06:08

Highest Channel / 15MHz / QPSK



Date: 8 FEB 2017 11:06:39

Highest Channel / 15MHz / 16QAM

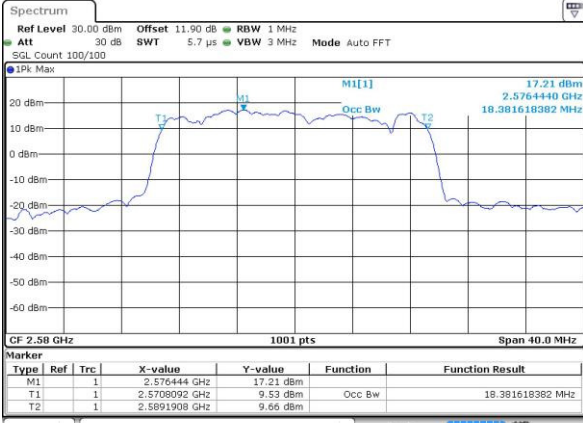


Date: 8 FEB 2017 13:41:12



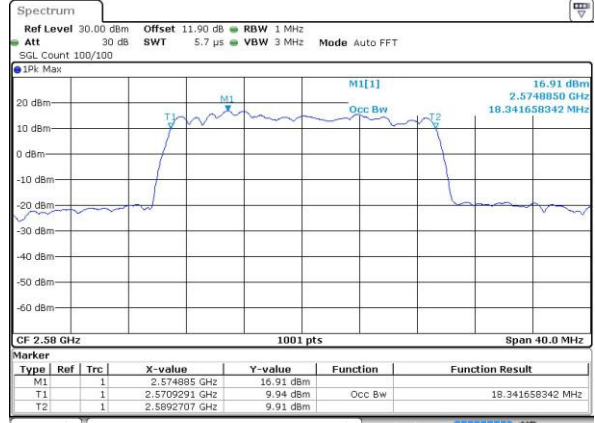
LTE Band 38

Lowest Channel / 20MHz / QPSK



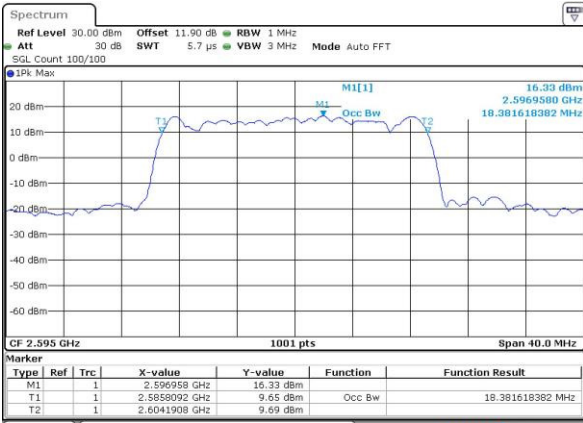
Date: 8 FEB 2017 11:07:20

Lowest Channel / 20MHz / 16QAM



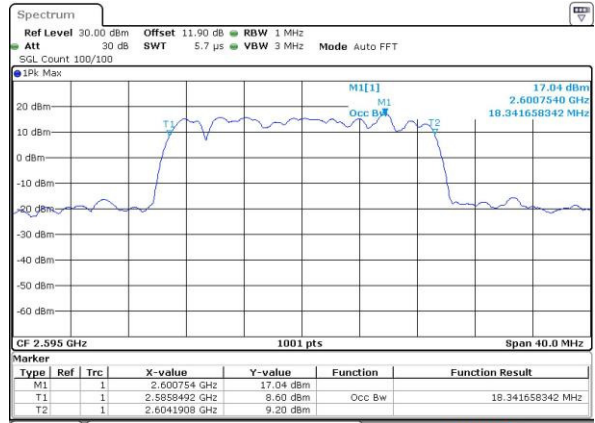
Date: 8 FEB 2017 11:07:30

Middle Channel / 20MHz / QPSK



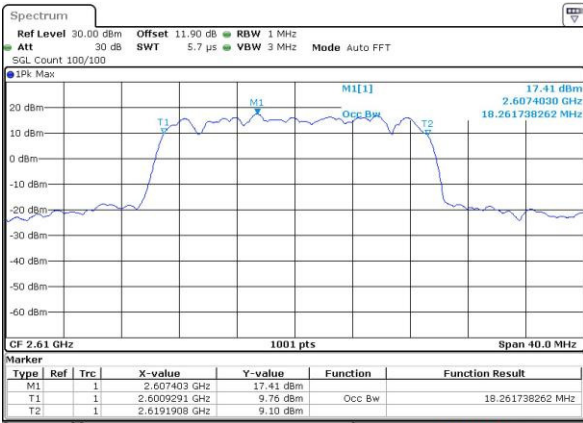
Date: 8 FEB 2017 11:08:02

Middle Channel / 20MHz / 16QAM



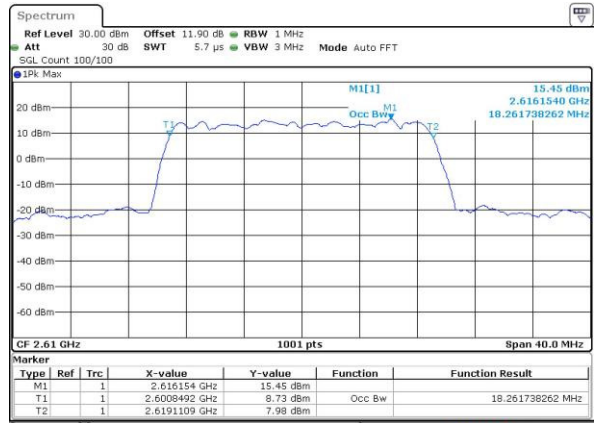
Date: 8 FEB 2017 11:08:12

Highest Channel / 20MHz / QPSK



Date: 8 FEB 2017 11:08:43

Highest Channel / 20MHz / 16QAM



Date: 8 FEB 2017 11:08:54



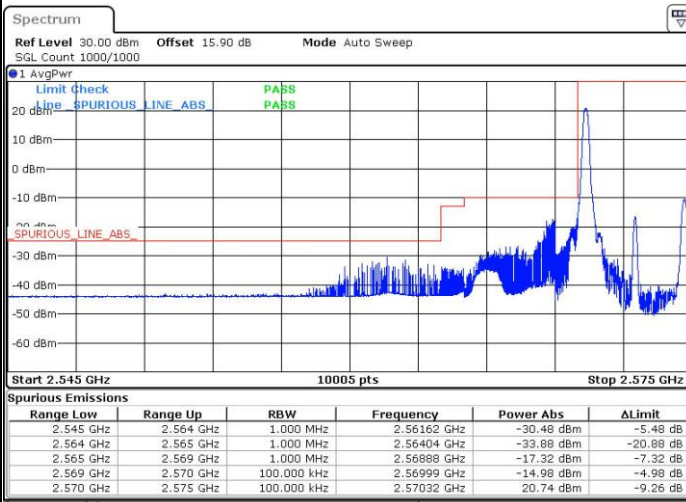
Conducted Band Edge



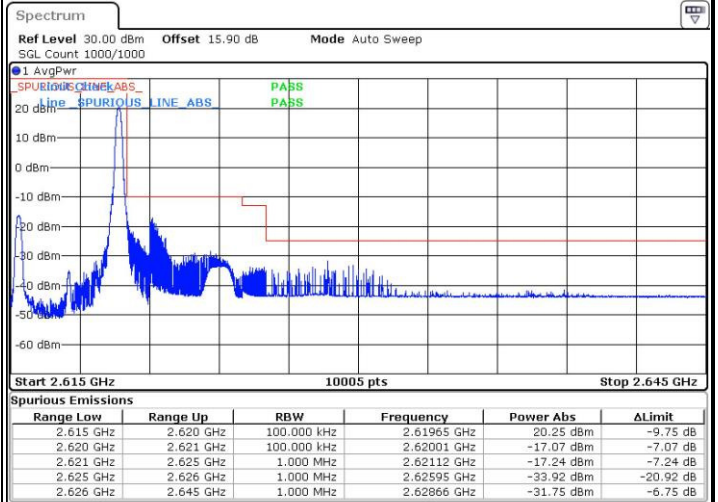
LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



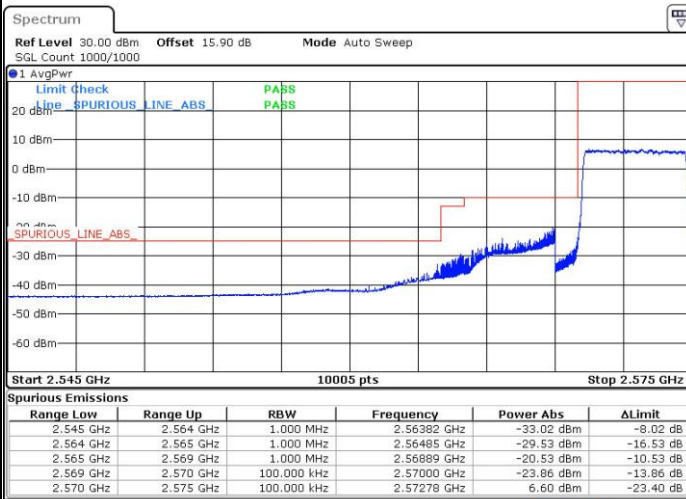
Date: 8 FEB 2017 14:07:21



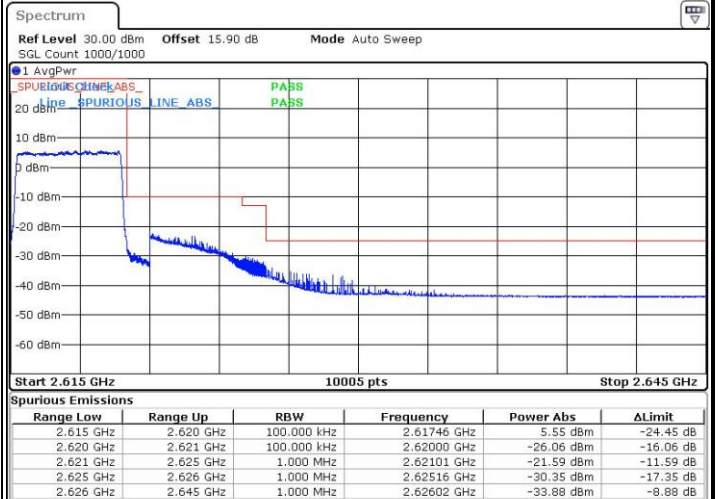
Date: 8 FEB 2017 14:17:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8 FEB 2017 14:09:40

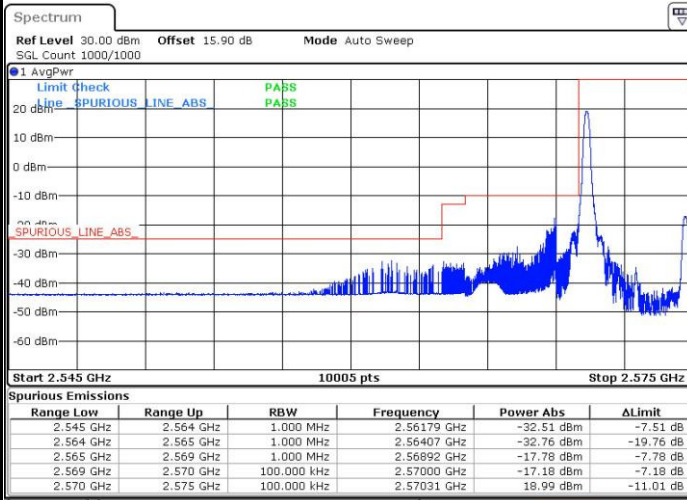


Date: 8 FEB 2017 14:11:58



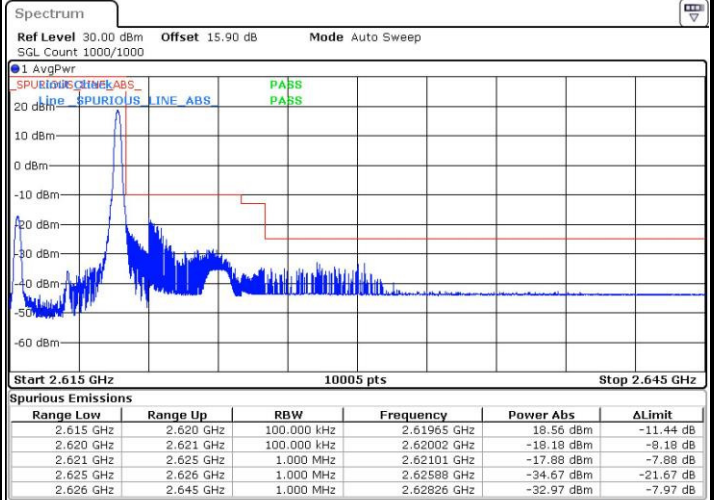
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



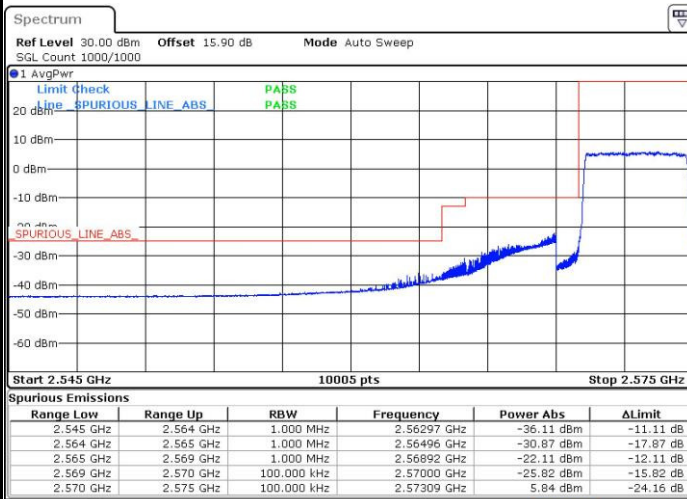
Date: 8 FEB 2017 14:08:30

Highest Band Edge / 1 RB



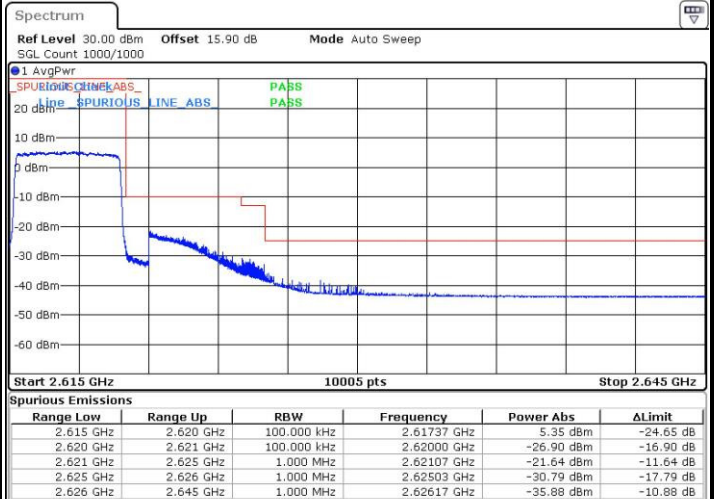
Date: 8 FEB 2017 14:18:48

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:10:49

Highest Band Edge / Full RB

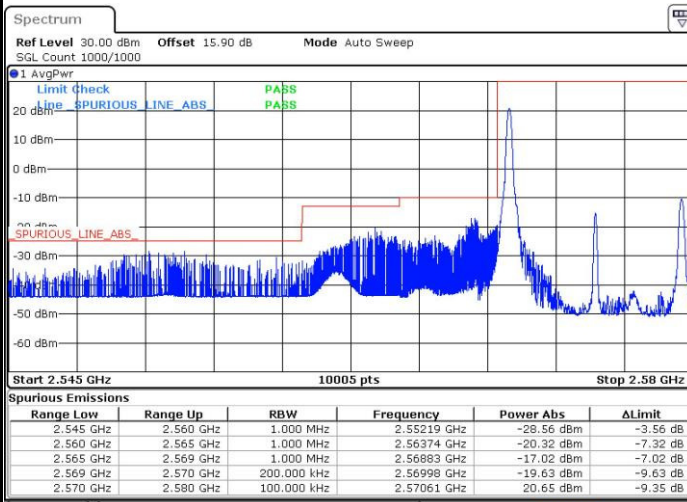


Date: 8 FEB 2017 14:13:07



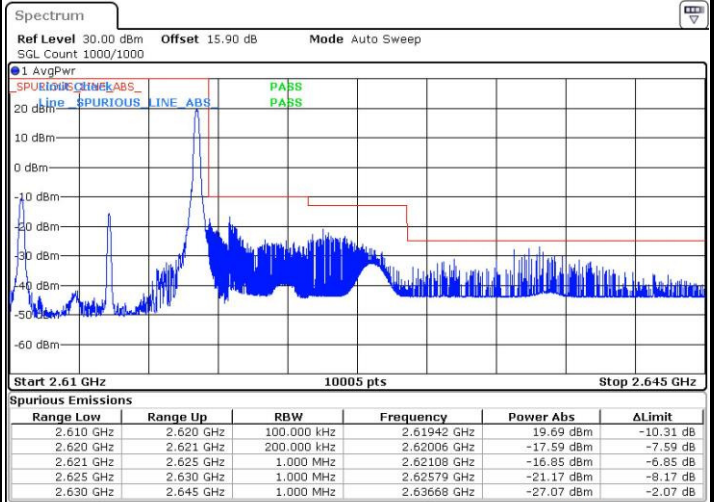
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



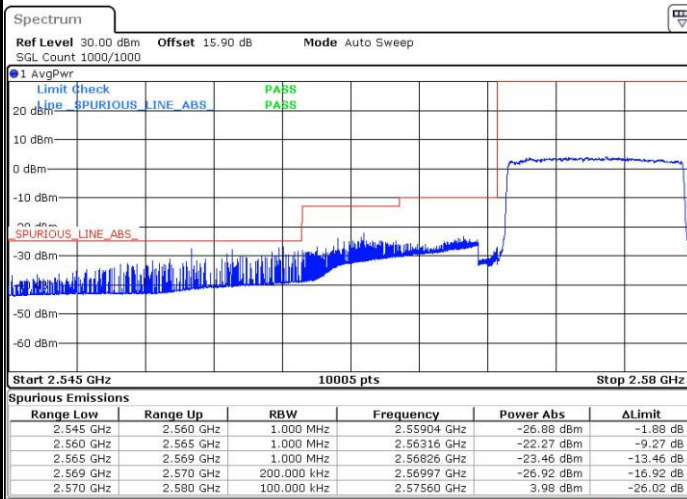
Date: 8 FEB 2017 14:54:29

Highest Band Edge / 1 RB



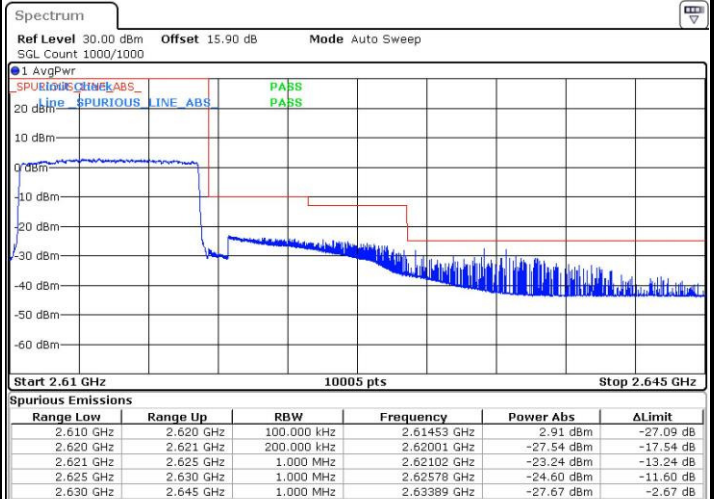
Date: 8 FEB 2017 14:26:54

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:22:16

Highest Band Edge / Full RB

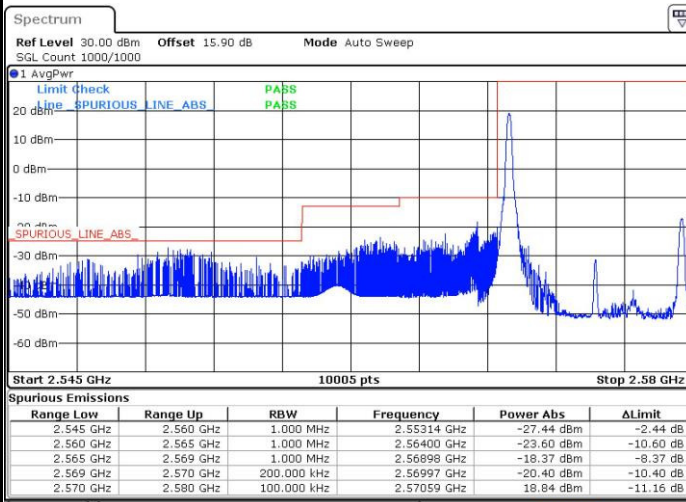


Date: 8 FEB 2017 14:24:35



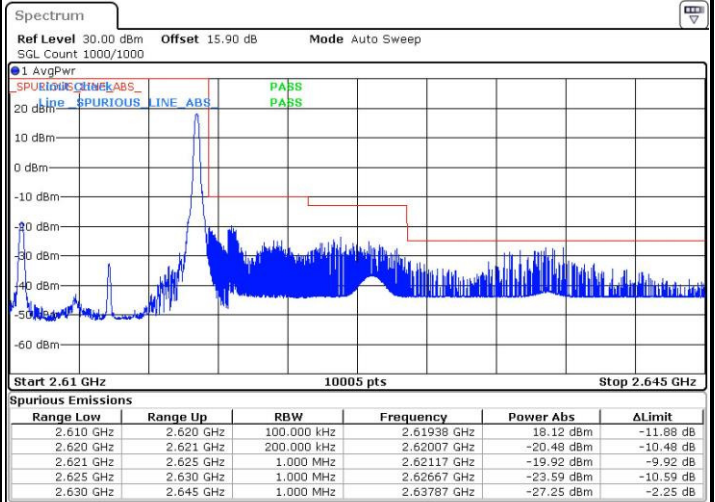
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



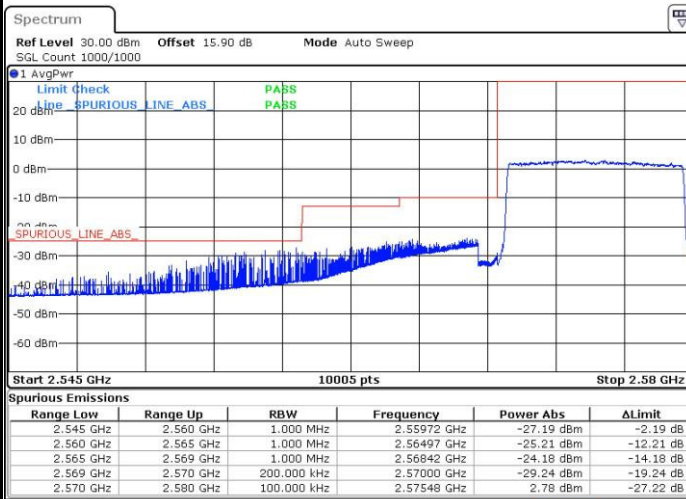
Date: 8 FEB 2017 15:05:17

Highest Band Edge / 1 RB



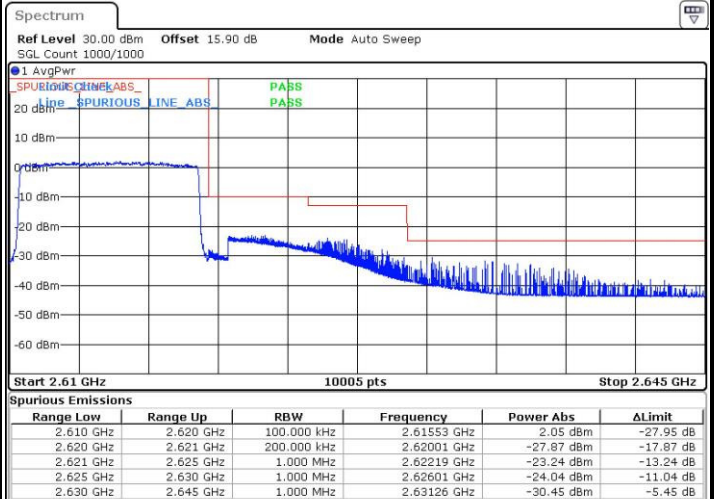
Date: 8 FEB 2017 14:28:03

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:23:25

Highest Band Edge / Full RB

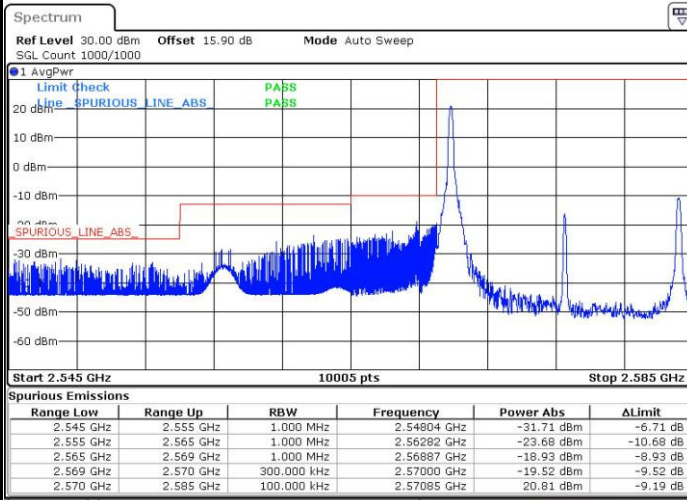


Date: 8 FEB 2017 14:25:44



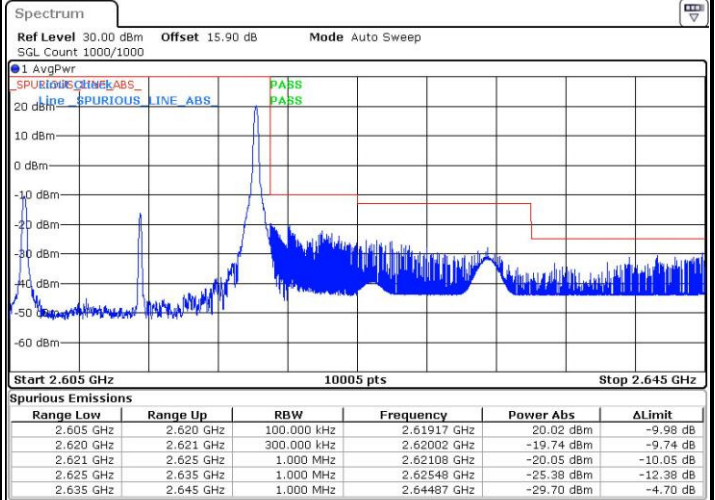
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



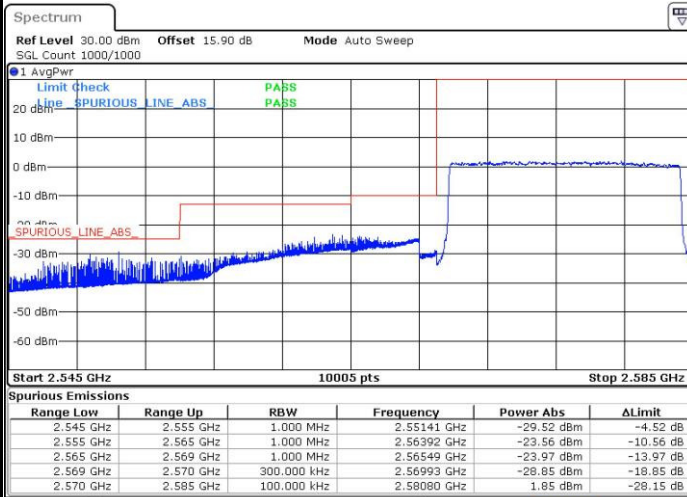
Date: 8 FEB 2017 14:29:12

Highest Band Edge / 1 RB



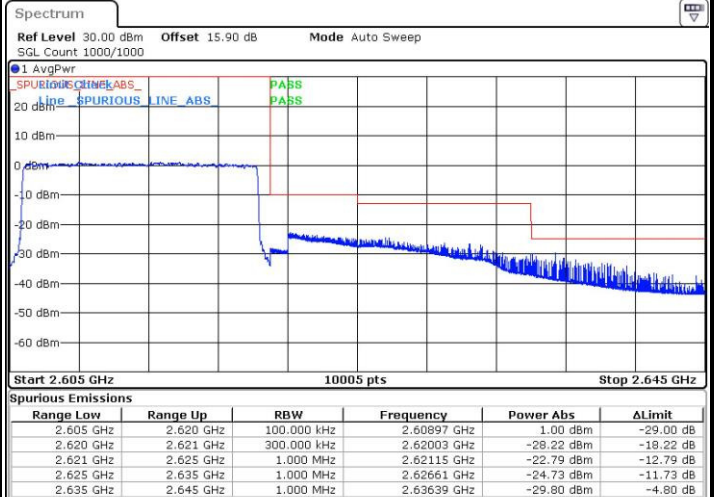
Date: 8 FEB 2017 14:36:09

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:31:31

Highest Band Edge / Full RB

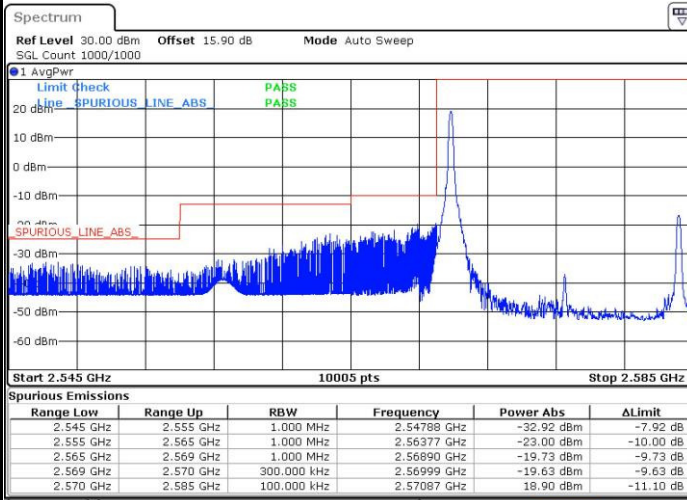


Date: 8 FEB 2017 14:33:50



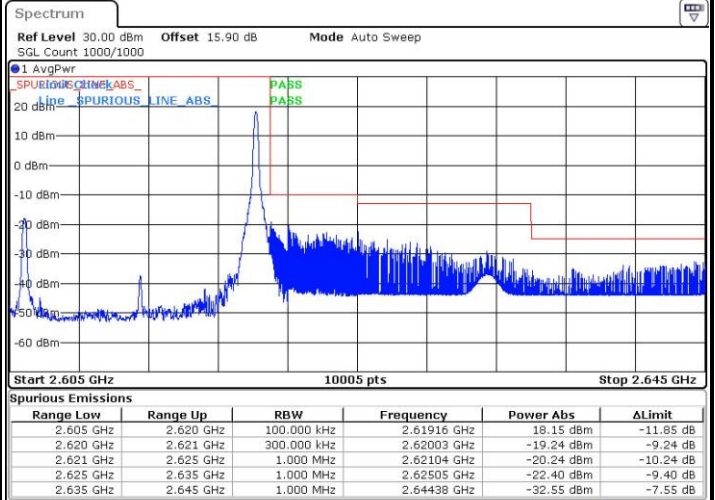
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



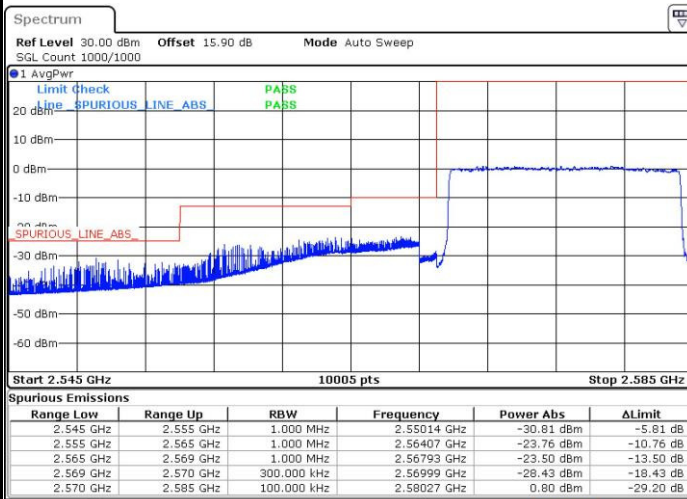
Date: 8 FEB 2017 14:30:22

Highest Band Edge / 1 RB



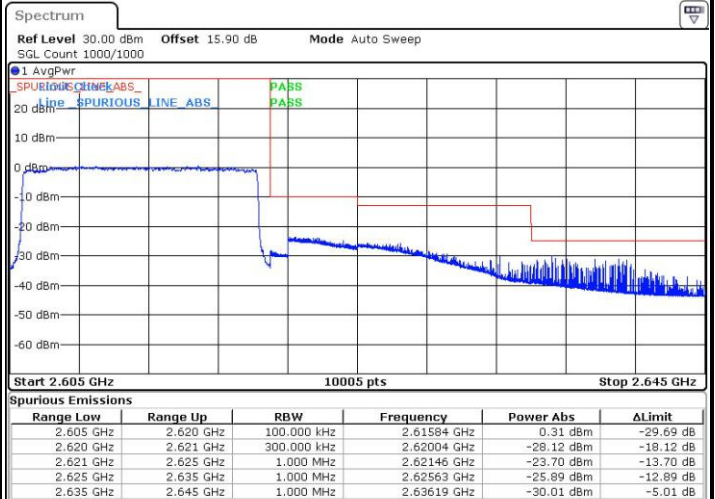
Date: 8 FEB 2017 14:37:18

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:32:40

Highest Band Edge / Full RB



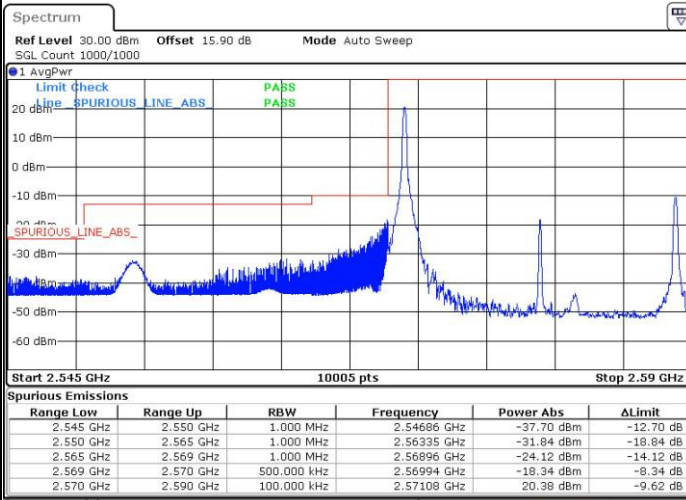
Date: 8 FEB 2017 14:34:59



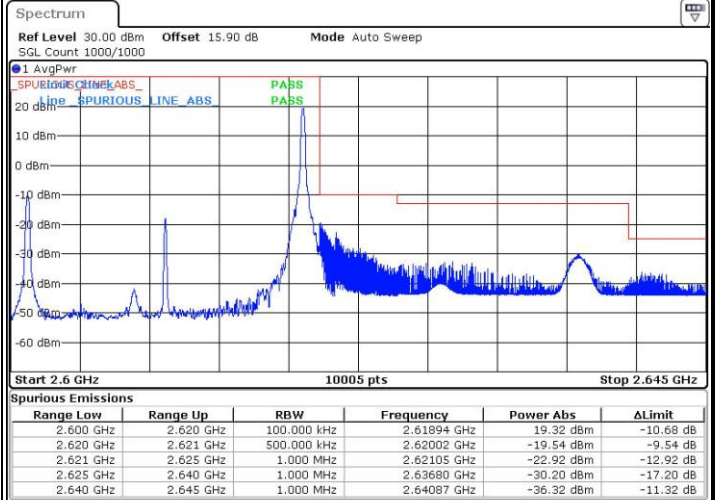
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



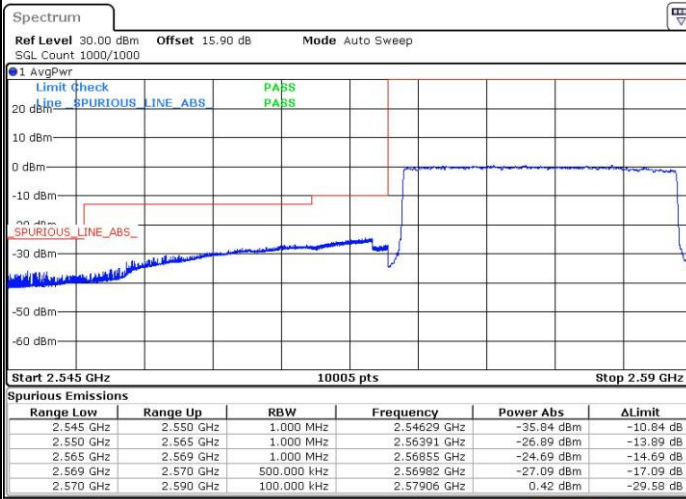
Date: 8 FEB 2017 14:38:28



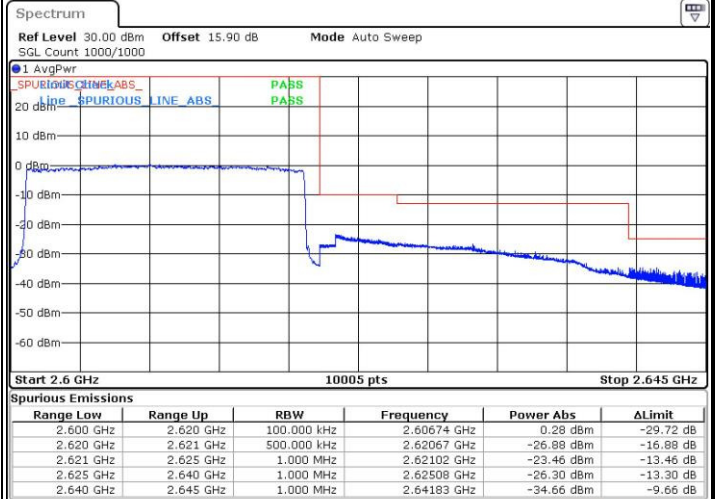
Date: 8 FEB 2017 14:45:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8 FEB 2017 14:40:46

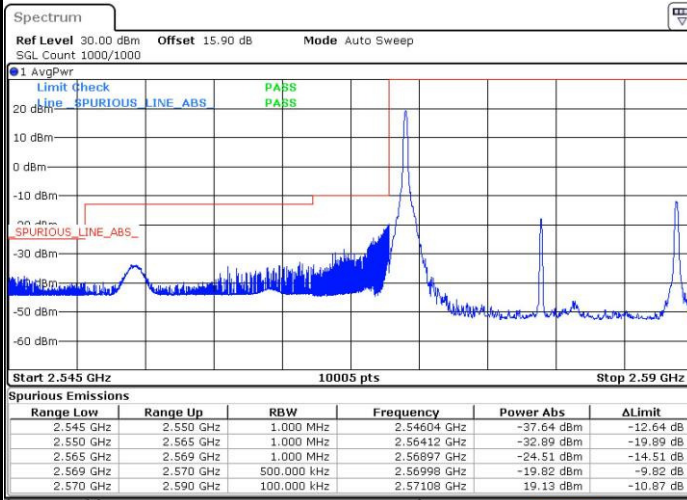


Date: 8 FEB 2017 14:43:05



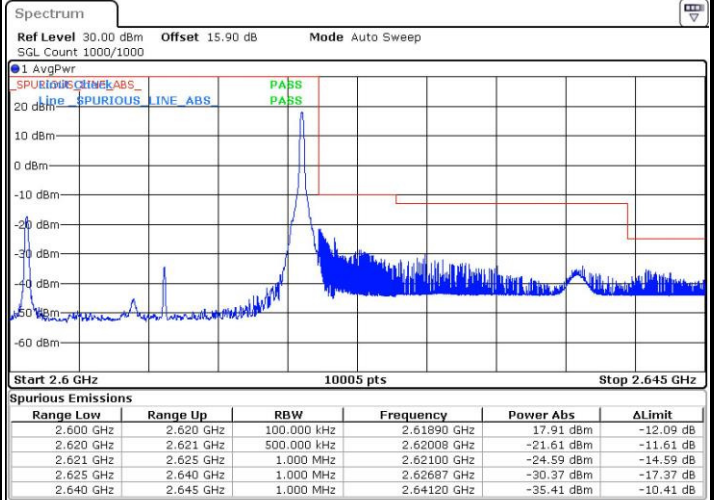
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



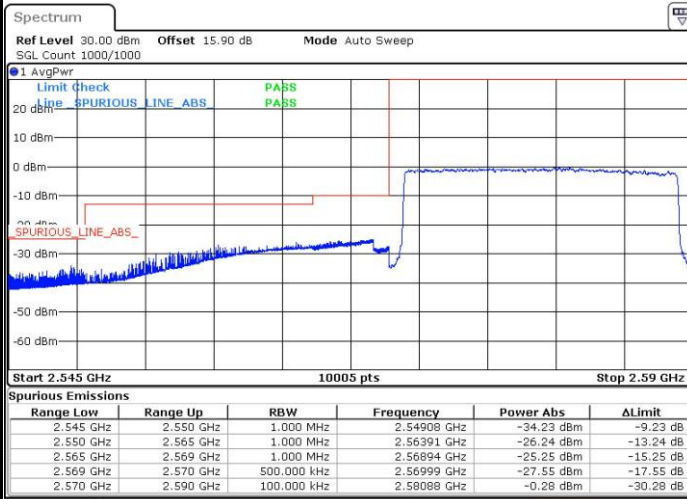
Date: 8 FEB 2017 14:39:37

Highest Band Edge / 1 RB



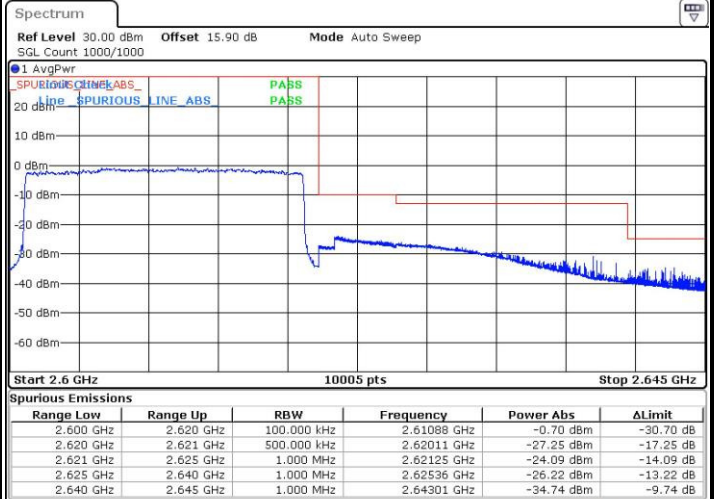
Date: 8 FEB 2017 14:46:32

Lowest Band Edge / Full RB



Date: 8 FEB 2017 14:41:55

Highest Band Edge / Full RB



Date: 8 FEB 2017 14:44:14



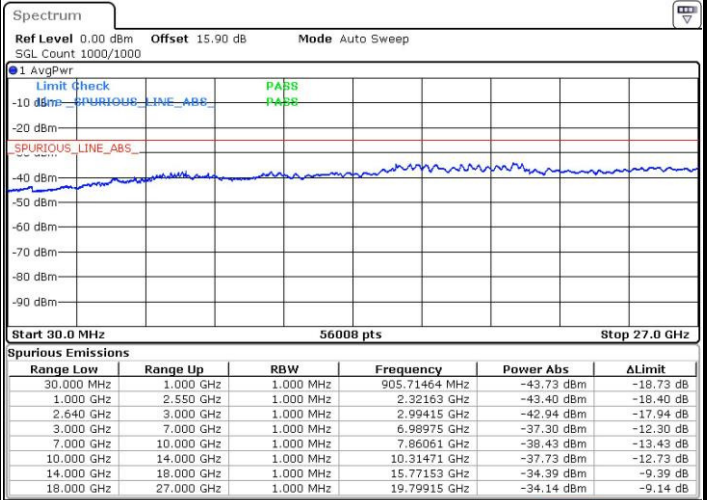
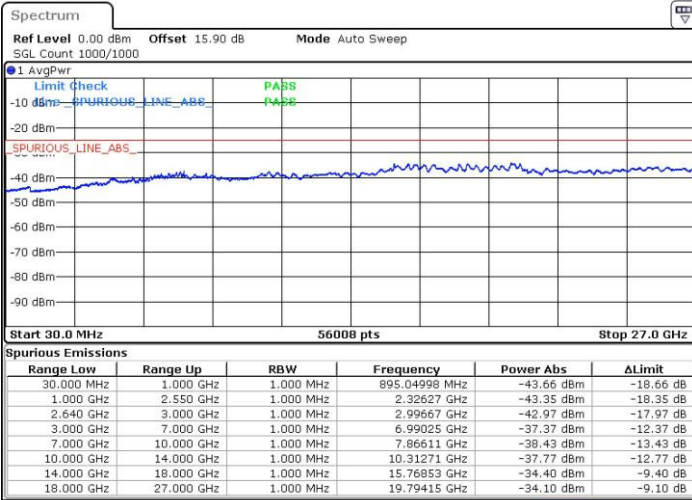
Conducted Spurious Emission



LTE Band 38 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

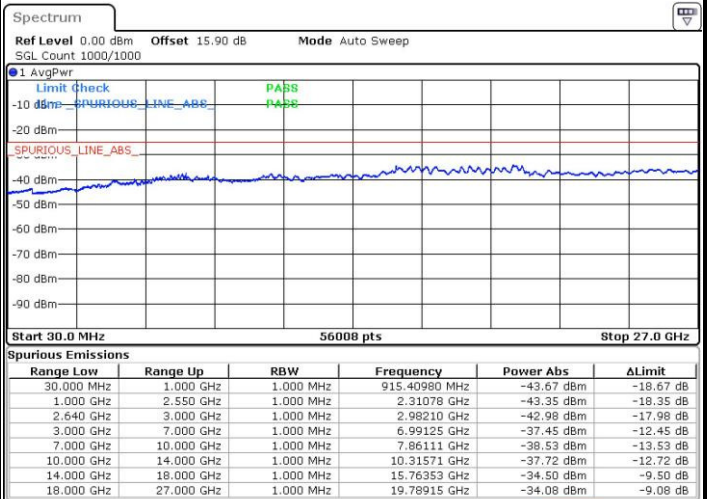
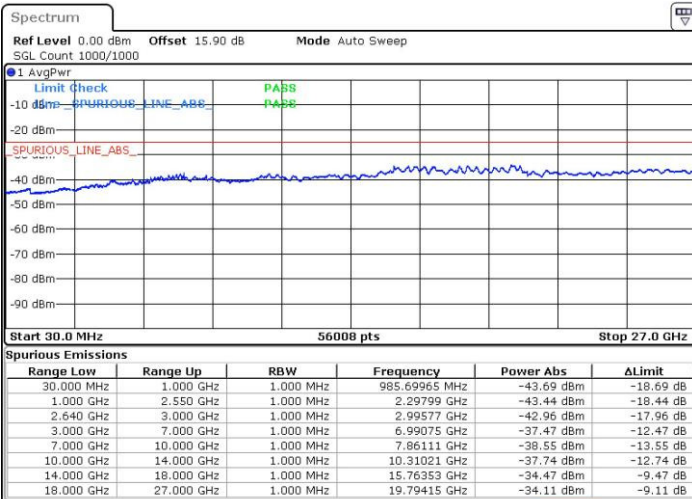


Date: 8 FEB 2017 15:35:54

Date: 8 FEB 2017 15:16:46

Middle Channel / QPSK

Middle Channel / 16QAM



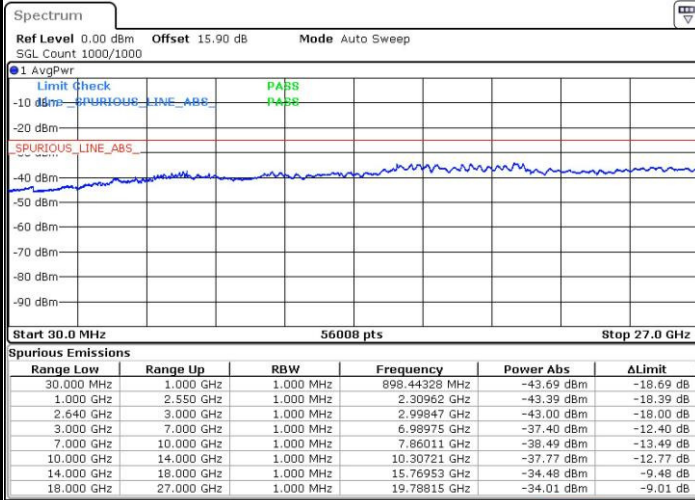
Date: 8 FEB 2017 15:46:09

Date: 8 FEB 2017 15:52:58



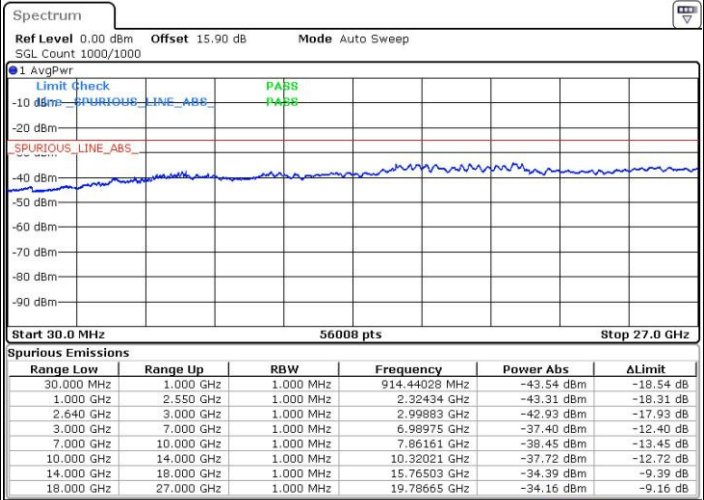
LTE Band 38 / 5MHz

Highest Channel / QPSK



Date: 8 FEB 2017 16:08:36

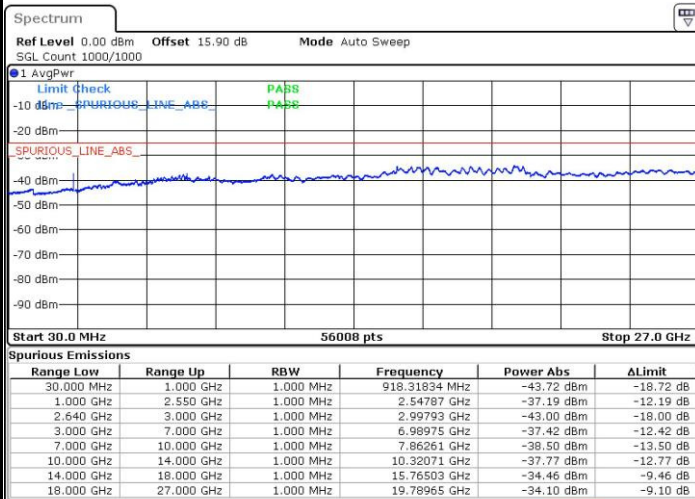
Highest Channel / 16QAM



Date: 8 FEB 2017 16:00:22

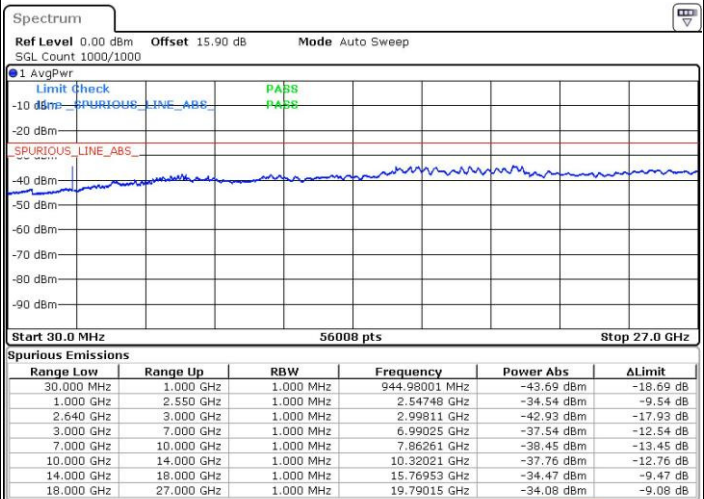
LTE Band 38 / 10MHz

Lowest Channel / QPSK



Date: 8 FEB 2017 16:15:37

Lowest Channel / 16QAM



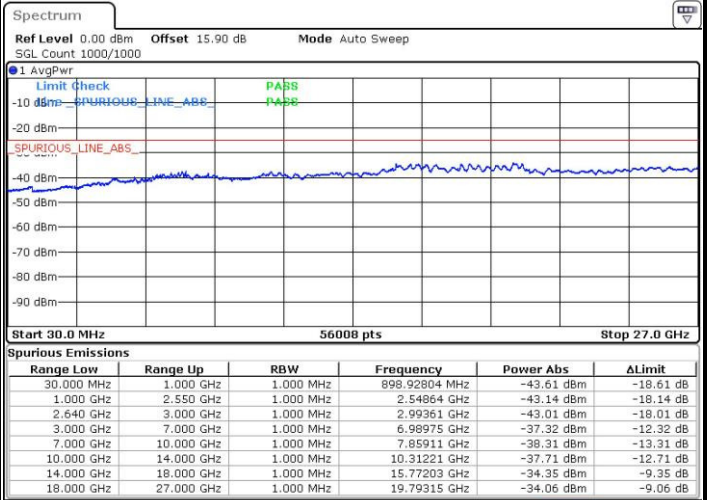
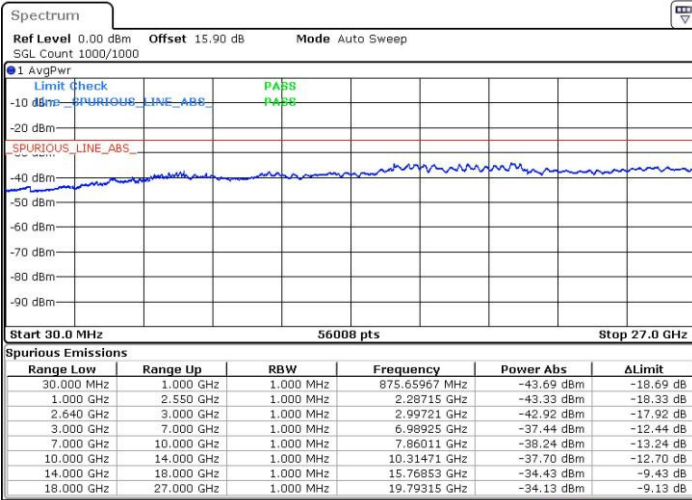
Date: 8 FEB 2017 17:40:19



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

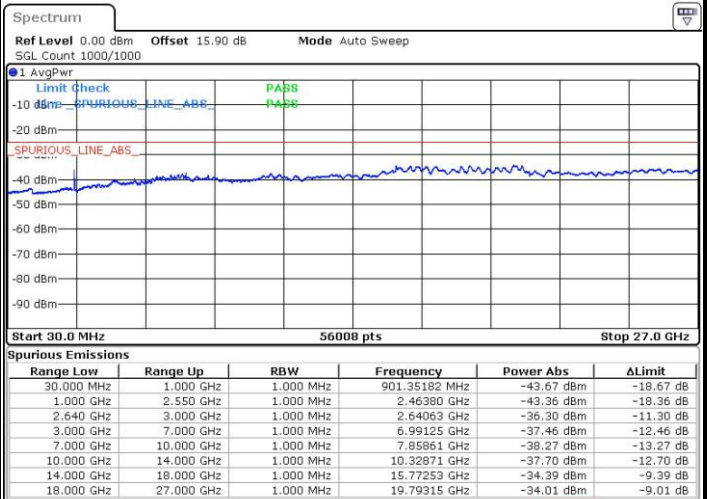
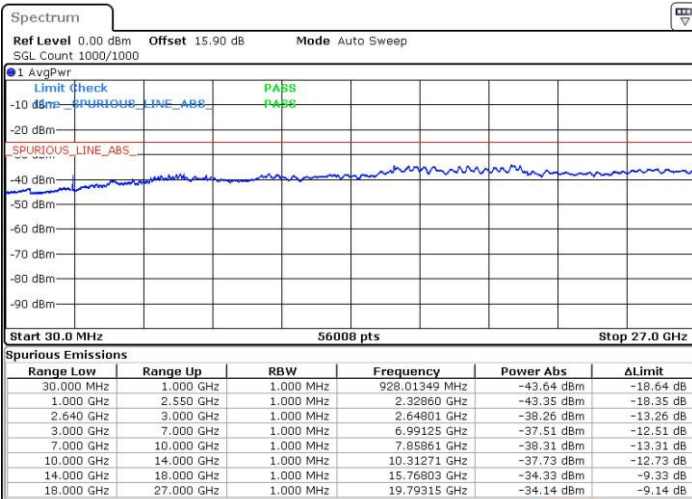


Date: 8 FEB 2017 23:26:29

Date: 8 FEB 2017 23:32:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2017 23:46:05

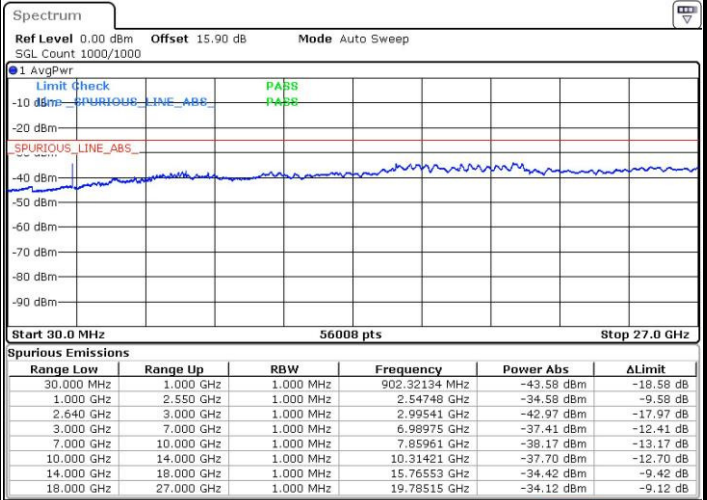
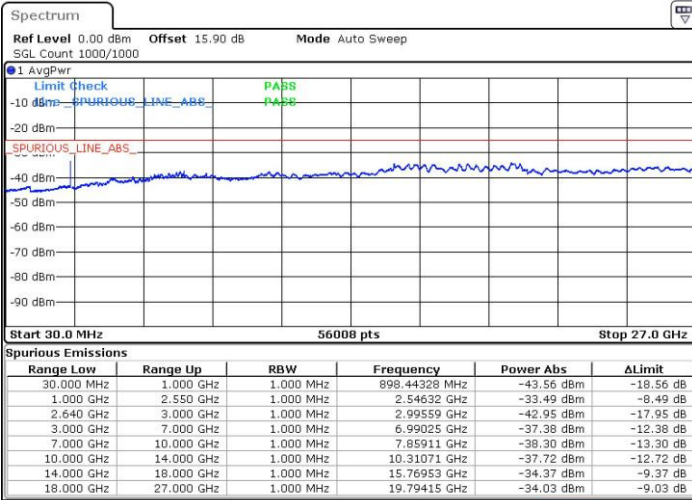
Date: 8 FEB 2017 23:39:12



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

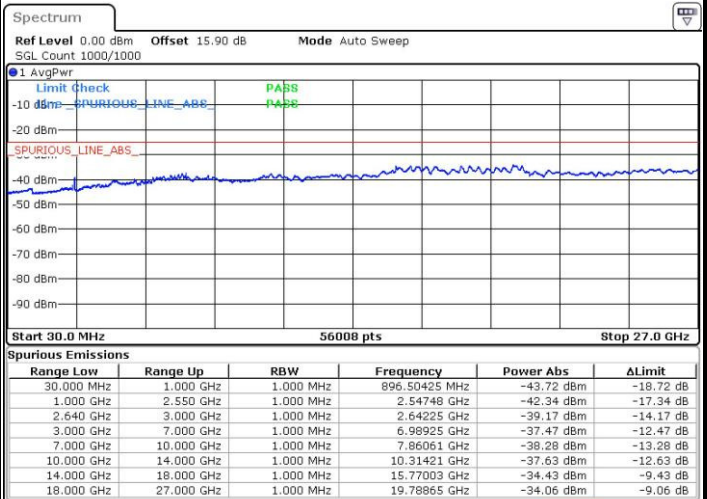
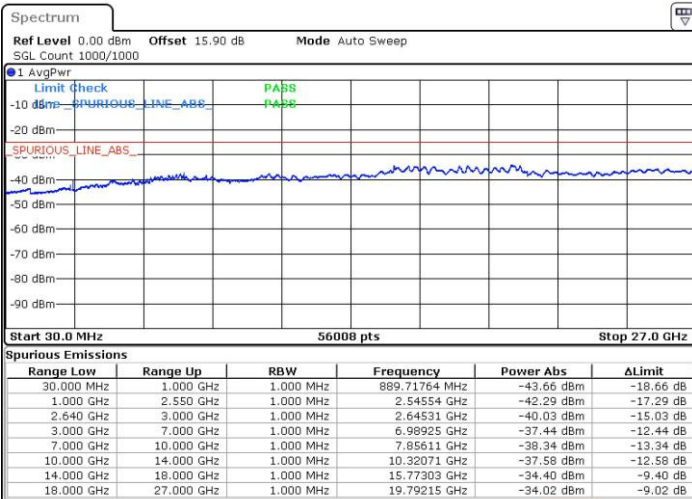


Date: 8 FEB 2017 23:52:33

Date: 9 FEB 2017 00:01:42

Middle Channel / QPSK

Middle Channel / 16QAM



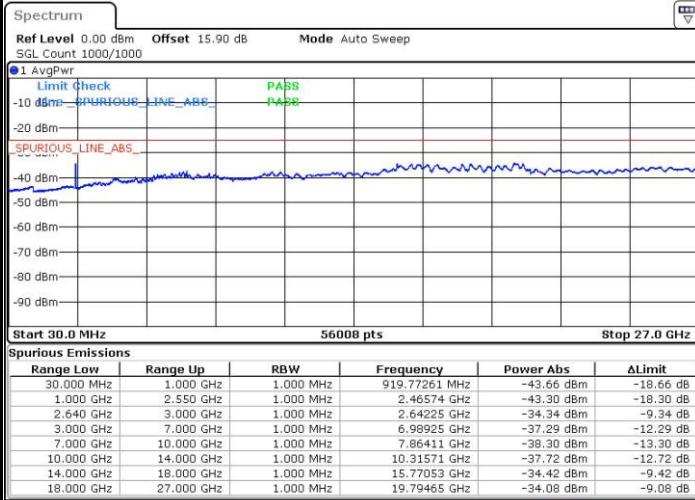
Date: 9 FEB 2017 00:16:01

Date: 9 FEB 2017 00:09:27



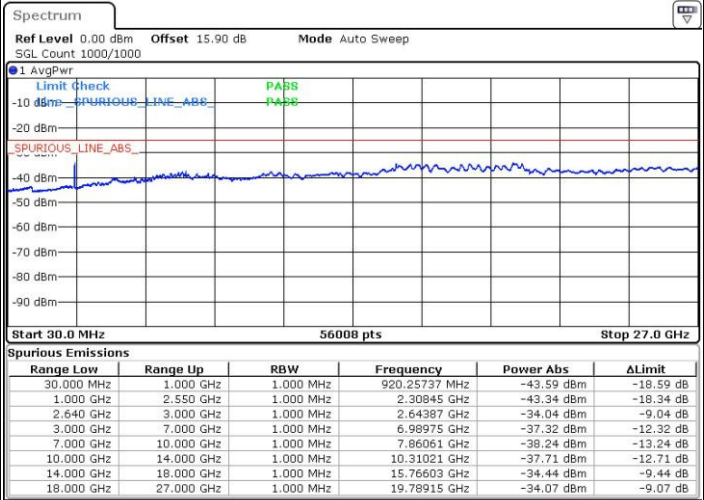
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 9 FEB 2017 00:23:40

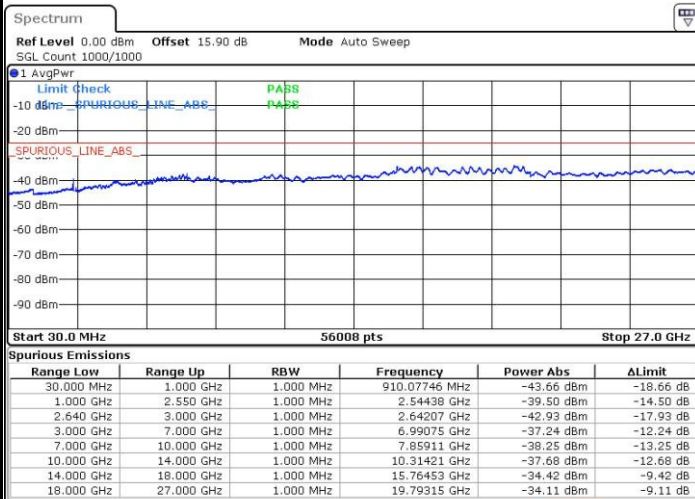
Highest Channel / 16QAM



Date: 9 FEB 2017 00:31:27

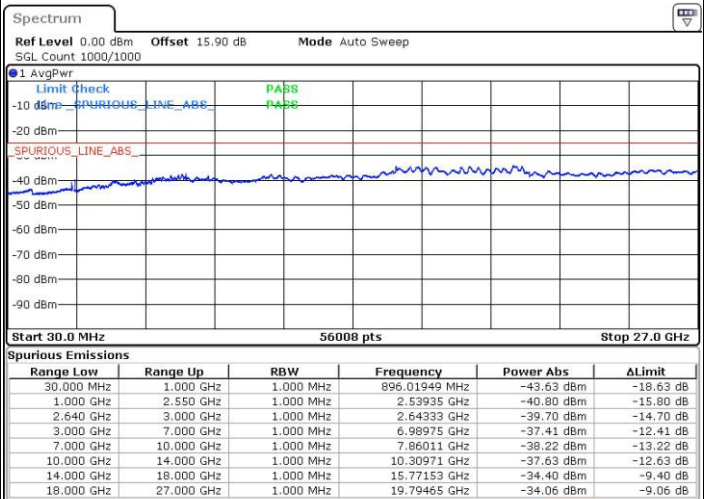
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 9 FEB 2017 00:46:19

Lowest Channel / 16QAM



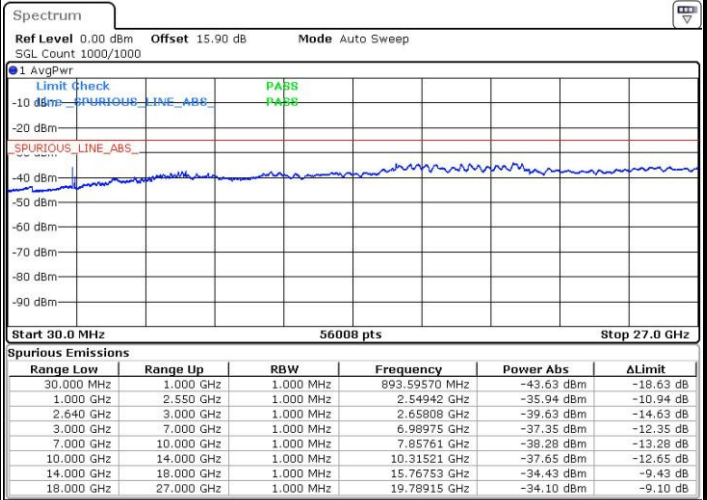
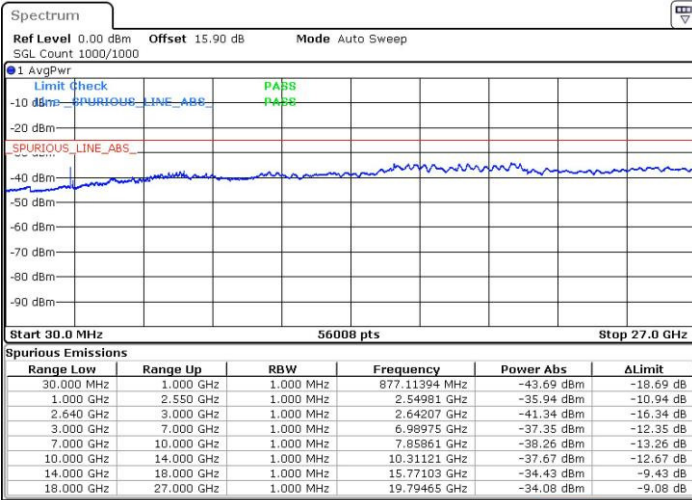
Date: 9 FEB 2017 00:40:02



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

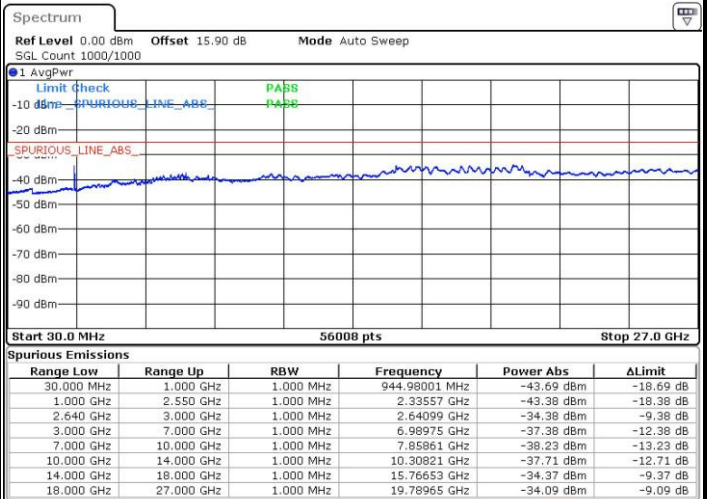
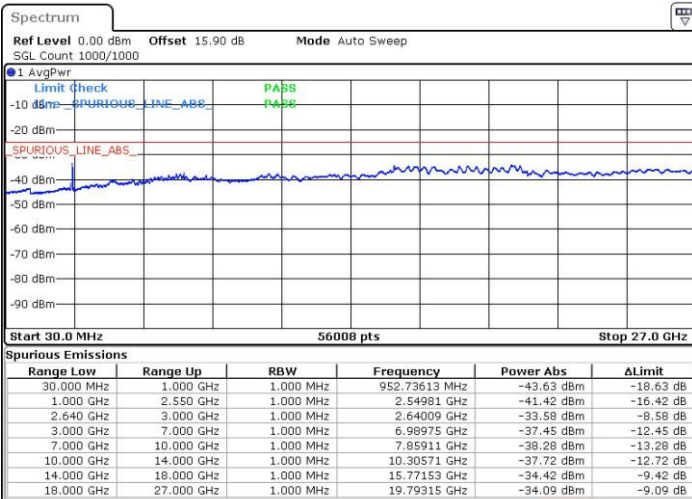


Date: 9 FEB 2017 00:52:34

Date: 9 FEB 2017 01:00:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 FEB 2017 01:16:14

Date: 9 FEB 2017 01:07:27



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 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)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	18.79	0.0757	18.85	0.0767
Middle		3	0	19.33	0.0857	20.27	0.1064
Highest		3	0	20.01	0.1002	21.15	0.1303
Lowest	16QAM	3	3	17.58	0.0573	17.85	0.0610
Middle		3	3	18.26	0.0670	19.05	0.0804
Highest		3	3	19.02	0.0798	20.11	0.1026
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	18.57	0.0719	18.84	0.0766
Middle		1	8	19.22	0.0836	19.85	0.0966
Highest		1	8	19.73	0.0940	20.85	0.1216
Lowest	16QAM	1	8	16.79	0.0478	17.17	0.0521
Middle		1	8	17.73	0.0593	18.36	0.0685
Highest		1	8	18.34	0.0682	19.65	0.0923
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	18.77	0.0753	18.76	0.0752
Middle		1	12	19.31	0.0853	19.90	0.0977
Highest		1	12	19.69	0.0931	20.85	0.1216
Lowest	16QAM	1	12	16.99	0.0500	17.24	0.0530
Middle		1	12	17.96	0.0625	18.46	0.0701
Highest		1	12	19.24	0.0839	20.08	0.1019
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	18.64	0.0731	18.92	0.0780
Middle		1	25	19.31	0.0853	19.87	0.0971
Highest		1	25	20.00	0.1000	20.76	0.1191
Lowest	16QAM	1	25	17.13	0.0516	17.25	0.0531
Middle		1	25	17.71	0.0590	18.36	0.0685
Highest		1	25	18.42	0.0695	19.51	0.0893
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	18.81	0.0760	19.07	0.0807
Middle		1	37	19.52	0.0895	19.93	0.0984
Highest		1	37	19.97	0.0993	20.95	0.1245
Lowest	16QAM	1	37	17.35	0.0543	17.70	0.0589
Middle		1	37	18.14	0.0652	18.73	0.0746
Highest		1	37	19.04	0.0802	20.10	0.1023
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	18.59	0.0723	19.08	0.0809
Middle		1	49	19.35	0.0861	19.87	0.0971
Highest		1	49	19.86	0.0968	20.73	0.1183
Lowest	16QAM	1	0	17.16	0.0520	17.26	0.0532
Middle		1	0	17.62	0.0578	18.09	0.0644
Highest		1	0	18.28	0.0673	19.22	0.0836
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	19.83	0.0962	24.12	0.2582
Middle		3	1	20.00	0.1000	23.90	0.2455
Highest		3	1	19.54	0.0899	23.20	0.2089
Lowest	16QAM	3	1	18.72	0.0745	23.19	0.2084
Middle		3	1	18.83	0.0764	22.83	0.1919
Highest		3	1	18.61	0.0726	22.32	0.1706
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	19.51	0.0893	23.87	0.2438
Middle		1	8	19.71	0.0935	23.46	0.2218
Highest		1	8	19.30	0.0851	22.91	0.1954
Lowest	16QAM	1	8	17.51	0.0564	21.98	0.1578
Middle		1	8	18.10	0.0646	22.08	0.1614
Highest		1	8	17.96	0.0625	21.69	0.1476
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	19.75	0.0944	24.08	0.2559
Middle		1	12	19.72	0.0938	23.58	0.2280
Highest		1	12	19.70	0.0933	23.34	0.2158
Lowest	16QAM	1	12	18.15	0.0653	22.51	0.1782
Middle		1	12	18.80	0.0759	22.82	0.1914
Highest		1	12	18.36	0.0685	22.10	0.1622
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	19.37	0.0865	23.50	0.2239
Middle		1	25	19.71	0.0935	23.49	0.2234
Highest		1	25	19.75	0.0944	23.18	0.2080
Lowest	16QAM	1	25	18.41	0.0693	22.74	0.1879
Middle		1	25	18.17	0.0656	22.29	0.1694
Highest		1	25	18.06	0.0640	21.97	0.1574
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	19.49	0.0889	23.49	0.2234
Middle		1	37	19.92	0.0982	23.76	0.2377
Highest		1	37	19.79	0.0953	23.37	0.2173
Lowest	16QAM	1	37	18.49	0.0706	22.80	0.1905
Middle		1	37	18.86	0.0769	22.79	0.1901
Highest		1	37	18.60	0.0724	22.50	0.1778
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.65	0.0923	24.00	0.2512
Middle		1	0	19.68	0.0929	23.81	0.2404
Highest		1	0	20.10	0.1023	23.87	0.2438
Lowest	16QAM	1	0	18.19	0.0659	22.53	0.1791
Middle		1	0	18.12	0.0649	22.27	0.1687
Highest		1	0	18.31	0.0678	22.44	0.1754
Limit	EIRP < 1W			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	15.72	0.0373	18.56	0.0718
Middle		1	12	14.89	0.0308	17.40	0.0550
Highest		1	12	14.46	0.0279	16.67	0.0465
Lowest	16QAM	1	0	13.85	0.0243	16.83	0.0482
Middle		1	0	12.87	0.0194	15.56	0.0360
Highest		1	0	12.54	0.0179	14.84	0.0305
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	25	14.98	0.0315	18.03	0.0635
Middle		1	25	14.56	0.0286	17.02	0.0504
Highest		1	25	14.37	0.0274	16.36	0.0433
Lowest	16QAM	1	25	14.27	0.0267	17.23	0.0528
Middle		1	25	13.51	0.0224	16.01	0.0399
Highest		1	25	12.74	0.0188	15.02	0.0318
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	37	15.51	0.0356	18.47	0.0703
Middle		1	37	14.80	0.0302	17.59	0.0574
Highest		1	37	14.41	0.0276	17.13	0.0516
Lowest	16QAM	1	74	13.31	0.0214	16.31	0.0428
Middle		1	74	13.10	0.0204	15.48	0.0353
Highest		1	74	12.72	0.0187	15.01	0.0317
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	0	14.87	0.0307	17.95	0.0624
Middle		1	0	14.62	0.0290	17.12	0.0515
Highest		1	0	14.55	0.0285	16.74	0.0472
Lowest	16QAM	1	49	13.81	0.0240	16.75	0.0473
Middle		1	49	13.57	0.0228	15.78	0.0378
Highest		1	49	12.78	0.0190	15.02	0.0318
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	4.58	0.0029	16.00	0.0398
Middle		3	1	5.70	0.0037	16.82	0.0481
Highest		3	1	6.13	0.0041	16.51	0.0448
Lowest	16QAM	1	3	3.17	0.0021	13.90	0.0245
Middle		1	3	4.53	0.0028	14.46	0.0279
Highest		1	3	4.92	0.0031	14.72	0.0296
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	4.52	0.0028	16.01	0.0399
Middle		1	14	5.45	0.0035	16.41	0.0438
Highest		1	14	5.78	0.0038	16.28	0.0425
Lowest	16QAM	1	8	3.33	0.0022	14.06	0.0255
Middle		1	8	4.49	0.0028	14.61	0.0289
Highest		1	8	4.79	0.0030	14.58	0.0287
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	4.80	0.0030	16.26	0.0423
Middle		1	12	5.87	0.0039	16.69	0.0467
Highest		1	12	6.04	0.0040	16.39	0.0436
Lowest	16QAM	1	12	4.32	0.0027	14.95	0.0313
Middle		1	12	4.91	0.0031	14.98	0.0315
Highest		1	12	5.07	0.0032	14.89	0.0308
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	4.97	0.0031	16.23	0.0420
Middle		1	25	5.54	0.0036	16.34	0.0431
Highest		1	25	6.09	0.0041	16.99	0.0500
Lowest	16QAM	1	0	3.33	0.0022	14.86	0.0306
Middle		1	0	4.25	0.0027	14.78	0.0301
Highest		1	0	4.74	0.0030	15.04	0.0319
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	5.32	0.0034	16.40	0.0437
Middle		1	12	5.91	0.0039	16.81	0.0480
Highest		1	12	6.19	0.0042	16.83	0.0482
Lowest	16QAM	1	12	4.63	0.0029	14.85	0.0305
Middle		1	12	4.95	0.0031	15.23	0.0333
Highest		1	12	4.99	0.0032	15.15	0.0327
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	5.85	0.0038	16.78	0.0476
Middle		1	25	5.76	0.0038	16.64	0.0461
Highest		1	25	6.05	0.0040	16.84	0.0483
Lowest	16QAM	1	25	4.80	0.0030	15.40	0.0347
Middle		1	25	4.93	0.0031	15.31	0.0340
Highest		1	25	4.94	0.0031	15.30	0.0339
Limit	ERP < 3W			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	12	14.99	0.0316	16.67	0.0465
Middle		1	12	14.12	0.0258	15.76	0.0377
Highest		1	12	14.20	0.0263	15.54	0.0358
Lowest	16QAM	1	24	13.71	0.0235	15.41	0.0348
Middle		1	24	13.01	0.0200	14.68	0.0294
Highest		1	24	13.87	0.0244	14.69	0.0294
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	25	14.46	0.0279	16.15	0.0412
Middle		1	25	13.84	0.0242	15.63	0.0366
Highest		1	25	14.28	0.0268	15.63	0.0366
Lowest	16QAM	1	25	13.18	0.0208	14.89	0.0308
Middle		1	25	12.74	0.0188	14.48	0.0281
Highest		1	25	13.21	0.0209	14.45	0.0279
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	37	14.31	0.0270	16.14	0.0411
Middle		1	37	13.99	0.0251	15.78	0.0378
Highest		1	37	14.22	0.0264	15.86	0.0385
Lowest	16QAM	1	37	13.14	0.0206	14.99	0.0316
Middle		1	37	13.09	0.0204	14.90	0.0309
Highest		1	37	13.15	0.0207	14.41	0.0276
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	0	14.63	0.0290	16.50	0.0447
Middle		1	0	13.92	0.0247	15.88	0.0387
Highest		1	0	13.87	0.0244	15.82	0.0382
Lowest	16QAM	1	49	12.87	0.0194	15.05	0.0320
Middle		1	49	12.62	0.0183	14.45	0.0279
Highest		1	49	12.69	0.0186	14.18	0.0262
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

LTE Band 2

LTE Band 2 / 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)
Highest	3819	-57.92	-13	-44.92	-72.7	-64.6	1.70	8.38	H
	5730	-59.54	-13	-46.54	-79.69	-66.57	2.76	9.79	H
	7641	-54.75	-13	-41.75	-79.45	-64.25	2.38	11.88	H
									H
									H
									H
									H
	3819	-60.92	-13	-47.92	-75.05	-67.6	1.70	8.38	V
	5730	-60.16	-13	-47.16	-79.14	-67.19	2.76	9.79	V
	7641	-55.26	-13	-42.26	-79.26	-64.76	2.38	11.88	V
									V
									V
									V
									V

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



LTE Band 2 / 3MHz / 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)
Highest	3812	-60.48	-13	-47.48	-75.21	-67.15	1.70	8.37	H
	5716	-59.60	-13	-46.60	-79.68	-66.64	2.75	9.79	H
	7627	-54.96	-13	-41.96	-79.65	-64.45	2.39	11.88	H
									H
									H
									H
									H
	3812	-62.52	-13	-49.52	-76.57	-69.19	1.70	8.37	V
	5716	-60.90	-13	-47.90	-79.75	-67.94	2.75	9.79	V
	7627	-55.53	-13	-42.53	-79.5	-65.02	2.39	11.88	V
									V
									V
									V
									V

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



LTE Band 2 / 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)
Highest	3812	-61.03	-13	-48.03	-75.76	-67.7	1.70	8.37	H
	5716	-59.58	-13	-46.58	-79.66	-66.62	2.75	9.79	H
	7627	-54.73	-13	-41.73	-79.42	-64.22	2.39	11.88	H
									H
									H
									H
									H
	3812	-63.06	-13	-50.06	-77.44	-69.73	1.70	8.37	V
	5716	-61.03	-13	-48.03	-79.99	-68.07	2.75	9.79	V
	7627	-55.62	-13	-42.62	-79.59	-65.11	2.39	11.88	V
									V
									V
									V
									V

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



LTE Band 2 / 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)
Highest	3805	-56.36	-13	-43.36	-71.09	-63.03	1.70	8.37	H
	5709	-59.50	-13	-46.50	-79.58	-66.54	2.75	9.78	H
	7613	-54.73	-13	-41.73	-79.42	-64.2	2.39	11.87	H
									H
									H
									H
									H
	3805	-58.90	-13	-45.90	-72.95	-65.57	1.70	8.37	V
	5709	-60.23	-13	-47.23	-79.08	-67.27	2.75	9.78	V
	7613	-55.49	-13	-42.49	-79.42	-64.96	2.39	11.87	V
									V
									V
									V
									V

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



LTE Band 2 / 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)
Highest	3791	-55.09	-13	-42.09	-69.8	-61.74	1.70	8.35	H
	5688	-59.21	-13	-46.21	-79.21	-66.25	2.73	9.78	H
	7585	-54.61	-13	-41.61	-79.37	-64.06	2.40	11.85	H
									H
									H
									H
									H
	3791	-57.36	-13	-44.36	-71.52	-64.01	1.70	8.35	V
	5688	-60.80	-13	-47.80	-79.51	-67.84	2.73	9.78	V
	7585	-55.54	-13	-42.54	-79.49	-64.99	2.40	11.85	V
									V
									V
									V
									V

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



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)
Highest	3784	-56.47	-13	-43.47	-71.24	-63.12	1.69	8.34	H
	5676	-59.20	-13	-46.20	-79.17	-66.24	2.73	9.77	H
	7568	-54.59	-13	-41.59	-79.49	-64.02	2.41	11.84	H
									H
									H
									H
									H
	3784	-59.04	-13	-46.04	-73.25	-65.69	1.69	8.34	V
	5676	-60.59	-13	-47.59	-79.24	-67.63	2.73	9.77	V
	7568	-55.66	-13	-42.66	-79.66	-65.09	2.41	11.84	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 / 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)
Middle	3462	-63.58	-13	-50.58	-76.58	-69.82	1.59	7.83	H
	5196	-59.76	-13	-46.76	-79.12	-67.01	2.45	9.70	H
	6927	-56.12	-13	-43.12	-79.56	-64.22	2.61	10.71	H
									H
									H
									H
									H
	3462	-64.34	-13	-51.34	-77.56	-70.58	1.59	7.83	V
	5196	-60.71	-13	-47.71	-79.09	-67.96	2.45	9.70	V
	6927	-56.32	-13	-43.32	-79.56	-64.42	2.61	10.71	V
									V
									V
									V
									V

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



LTE Band 4 / 3MHz / 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)
Highest	3504	-64.52	-13	-51.52	-77.83	-70.92	1.61	8.00	H
	5256	-60.42	-13	-47.42	-79.59	-67.64	2.48	9.70	H
	7008	-55.67	-13	-42.67	-79.32	-63.9	2.59	10.82	H
									H
									H
									H
									H
	3504	-63.71	-13	-50.71	-77.58	-70.11	1.61	8.00	V
	5256	-61.30	-13	-48.30	-79.9	-68.52	2.48	9.70	V
	7008	-55.62	-13	-42.62	-79.14	-63.85	2.59	10.82	V
									V
									V
									V
									V

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



LTE Band 4 / 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)
Highest	3500.5	-64.02	-13	-51.02	-77.31	-70.42	1.60	8.00	H
	5250.75	-60.49	-13	-47.49	-79.65	-67.71	2.48	9.70	H
	7001	-55.38	-13	-42.38	-79.06	-63.59	2.59	10.80	H
									H
									H
									H
									H
	3500.5	-63.52	-13	-50.52	-77.41	-69.92	1.60	8.00	V
	5250.75	-61.19	-13	-48.19	-79.8	-68.41	2.48	9.70	V
	7001	-55.63	-13	-42.63	-79.13	-63.84	2.59	10.80	V
									V
									V
									V
									V

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



LTE Band 4 / 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)
Highest	3490	-64.67	-13	-51.67	-77.83	-71.02	1.60	7.96	H
	5240	-53.49	-13	-40.49	-72.7	-60.71	2.48	9.70	H
	6983	-55.57	-13	-42.57	-79.21	-63.75	2.60	10.78	H
									H
									H
									H
									H
	3490	-64.04	-13	-51.04	-77.6	-70.39	1.60	7.96	V
	5240	-60.67	-13	-47.67	-79.17	-67.89	2.48	9.70	V
	6983	-55.68	-13	-42.68	-79.18	-63.86	2.60	10.78	V
									V
									V
									V
									V

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



LTE Band 4 / 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)
Highest	3483	-64.49	-13	-51.49	-77.65	-70.82	1.60	7.93	H
	5222	-60.40	-13	-47.40	-79.66	-67.64	2.46	9.70	H
	6963	-55.88	-13	-42.88	-79.41	-64.03	2.60	10.76	H
									H
									H
									H
									H
	3483	-64.01	-13	-51.01	-77.53	-70.34	1.60	7.93	V
	5222	-61.07	-13	-48.07	-79.51	-68.31	2.46	9.70	V
	6963	-55.98	-13	-42.98	-79.35	-64.13	2.60	10.76	V
									V
									V
									V
									V

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



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)
Middle	3448	-63.60	-13	-50.60	-76.44	-69.78	1.59	7.77	H
	5172	-59.61	-13	-46.61	-78.87	-66.87	2.44	9.70	H
	6896	-56.40	-13	-43.40	-79.78	-64.45	2.62	10.68	H
									H
									H
									H
									H
	3448	-64.30	-13	-51.30	-77.18	-70.48	1.59	7.77	V
	5172	-60.26	-13	-47.26	-78.49	-67.52	2.44	9.70	V
	6896	-56.50	-13	-43.50	-79.59	-64.55	2.62	10.68	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)	
Highest	5130	-59.51	-25	-34.51	-78.33	-66.8	2.41	9.70	H	
	7698	-52.95	-25	-27.95	-77.34	-62.5	2.37	11.92	H	
	10260	-50.89	-25	-25.89	-79.81	-60.5	2.69	12.30	H	
										H
										H
										H
										H
	5130	-60.91	-25	-35.91	-78.59	-68.2	2.41	9.70	V	
	7698	-55.15	-25	-30.15	-79.08	-64.7	2.37	11.92	V	
	10260	-53.69	-25	-28.69	-80.22	-63.3	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	5000	-56.94	-25	-31.94	-75.8	-64.3	2.34	9.70	H
	7500	-54.73	-25	-29.73	-79.67	-64.1	2.43	11.80	H
	10000	-51.60	-25	-26.60	-79.93	-61.1	2.70	12.20	H
									H
									H
									H
									H
	5000	-60.84	-25	-35.84	-78.82	-68.2	2.34	9.70	V
	7500	-55.53	-25	-30.53	-79.47	-64.9	2.43	11.80	V
	10000	-54.60	-25	-29.60	-80.27	-64.1	2.70	12.20	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	5000	-60.14	-25	-35.14	-78.89	-67.5	2.34	9.70	H
	7500	-54.73	-25	-29.73	-79.65	-64.1	2.43	11.80	H
	10000	-51.70	-25	-26.70	-80.31	-61.2	2.70	12.20	H
									H
									H
									H
									H
	5000	-61.54	-25	-36.54	-78.95	-68.9	2.34	9.70	V
	7500	-55.63	-25	-30.63	-79.52	-65	2.43	11.80	V
	10000	-54.60	-25	-29.60	-80.17	-64.1	2.70	12.20	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	-59.84	-25	-34.84	-78.61	-67.2	2.34	9.70	H
	7500	-54.63	-25	-29.63	-79.72	-64	2.43	11.80	H
	10000	-51.90	-25	-26.90	-80.37	-61.4	2.70	12.20	H
									H
									H
									H
									H
	5004	-61.34	-25	-36.34	-78.85	-68.7	2.34	9.70	V
	7500	-55.83	-25	-30.83	-79.51	-65.2	2.43	11.80	V
	10000	-54.60	-25	-29.60	-80.52	-64.1	2.70	12.20	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 / 1.4MHz / 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	1416	-54.85	-13.00	-41.85	-60.03	-56.60	0.87	4.78	H
	2120	-67.76	-13.00	-54.76	-76.18	-68.70	1.17	4.26	H
	2827	-65.98	-13.00	-52.98	-77.08	-68.10	1.39	5.66	H
									H
									H
									H
									H
	1416	-58.25	-13.00	-45.25	-61.87	-60.00	0.87	4.78	V
	2120	-67.56	-13.00	-54.56	-76.67	-68.50	1.17	4.26	V
	2827	-65.48	-13.00	-52.48	-76.96	-67.60	1.39	5.66	V
									V
									V
									V
									V

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



LTE Band 12 / 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)
Middle	1416	-57.95	-13.00	-44.95	-62.69	-59.70	0.87	4.78	H
	2118	-67.97	-13.00	-54.97	-76.74	-68.90	1.17	4.25	H
	2824	-66.38	-13.00	-53.38	-77.00	-68.50	1.39	5.66	H
									H
									H
									H
									H
	1416	-60.45	-13.00	-47.45	-64.57	-62.20	0.87	4.78	V
	2118	-67.17	-13.00	-54.17	-76.50	-68.10	1.17	4.25	V
	2824	-65.98	-13.00	-52.98	-77.08	-68.10	1.39	5.66	V
									V
									V
									V
									V

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



LTE Band 12 / 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)
Middle	1408	-58.19	-13.00	-45.19	-62.90	-59.90	0.87	4.73	H
	2115	-68.18	-13.00	-55.18	-76.51	-69.10	1.17	4.25	H
	2820	-66.09	-13.00	-53.09	-77.02	-68.20	1.39	5.66	H
									H
									H
									H
									H
	1408	-61.49	-13.00	-48.49	-65.20	-63.20	0.87	4.73	V
	2115	-67.48	-13.00	-54.48	-76.70	-68.40	1.17	4.25	V
	2820	-65.99	-13.00	-52.99	-77.19	-68.10	1.39	5.66	V
									V
									V
									V
									V

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



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)
Middle	1408	-61.79	-13.00	-48.79	-66.49	-63.50	0.87	4.73	H
	2108	-67.69	-13.00	-54.69	-76.20	-68.60	1.17	4.22	H
	2810	-66.89	-13.00	-53.89	-77.22	-69.00	1.39	5.65	H
									H
									H
									H
									H
	1408	-63.99	-13.00	-50.99	-67.99	-65.70	0.87	4.73	V
	2108	-67.69	-13.00	-54.69	-76.60	-68.60	1.17	4.22	V
	2810	-65.99	-13.00	-52.99	-77.03	-68.10	1.39	5.65	V
									V
									V
									V
									V

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



LTE Band 17

LTE Band 17 / 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	1408	-60.39	-13	-47.39	-64.95	-62.10	0.87	4.73	H	
	2112	-67.58	-13	-54.58	-76.59	-68.50	1.17	4.24	H	
	2816	-65.79	-13	-52.79	-76.76	-67.90	1.39	5.65	H	
										H
										H
										H
										H
	1408	-63.09	-13	-50.09	-67.02	-64.80	0.87	4.73	V	
	2112	-67.08	-13	-54.08	-75.96	-68.00	1.17	4.24	V	
	2816	-65.59	-13	-52.59	-76.76	-67.70	1.39	5.65	V	
										V
										V
										V
										V

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



LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1410	-55.78	-13	-42.78	-60.33	-57.50	0.87	4.74	H
	2115	-67.78	-13	-54.78	-76.68	-68.70	1.17	4.25	H
	2820	-65.79	-13	-52.79	-77.06	-67.90	1.39	5.66	H
									H
									H
									H
									H
	1410	-58.88	-13	-45.88	-62.98	-60.60	0.87	4.74	V
	2115	-67.88	-13	-54.88	-76.88	-68.80	1.17	4.25	V
	2820	-65.99	-13	-52.99	-77.08	-68.10	1.39	5.66	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)	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	5148	-59.87	-25	-34.87	-79.09	-67.15	2.42	9.70	H
	7722	-54.22	-25	-29.22	-78.95	-63.8	2.36	11.93	H
	10296	-51.35	-25	-26.35	-80.33	-60.97	2.69	12.32	H
									H
									H
									H
									H
	5148	-59.80	-25	-34.80	-78.93	-67.08	2.42	9.70	V
	7722	-54.72	-25	-29.72	-78.85	-64.3	2.36	11.93	V
	10296	-53.15	-25	-28.15	-80.14	-62.77	2.69	12.32	V
									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)	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	5148	-59.75	-25	-34.75	-78.97	-67.03	2.42	9.70	H
	7722	-54.27	-25	-29.27	-79	-63.85	2.36	11.93	H
	10296	-51.19	-25	-26.19	-80.22	-60.81	2.69	12.32	H
									H
									H
									H
									H
	5148	-60.92	-25	-35.92	-79.05	-68.2	2.42	9.70	V
	7722	-54.98	-25	-29.98	-79.11	-64.56	2.36	11.93	V
	10296	-53.19	-25	-28.19	-80.18	-62.81	2.69	12.32	V
									V
									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)	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	5184	-59.63	-25	-34.63	-78.92	-66.89	2.44	9.70	H
	7776	-54.23	-25	-29.23	-78.99	-63.86	2.34	11.97	H
	10368	-51.12	-25	-26.12	-80.2	-60.77	2.69	12.35	H
									H
									H
									H
									H
	5184	-60.71	-25	-35.71	-78.99	-67.97	2.44	9.70	V
	7776	-55.03	-25	-30.03	-79.3	-64.66	2.34	11.97	V
	10368	-53.02	-25	-28.02	-80.2	-62.67	2.69	12.35	V
									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)	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	5184	-59.71	-25	-34.71	-79	-66.97	2.44	9.70	H
	7776	-54.64	-25	-29.64	-79.4	-64.27	2.34	11.97	H
	10368	-50.86	-25	-25.86	-79.94	-60.51	2.69	12.35	H
									H
									H
									H
									H
	5184	-60.48	-25	-35.48	-78.76	-67.74	2.44	9.70	V
	7776	-55.06	-25	-30.06	-79.33	-64.69	2.34	11.97	V
	10368	-52.87	-25	-27.87	-80.05	-62.52	2.69	12.35	V
									V
									V
									V
									V

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