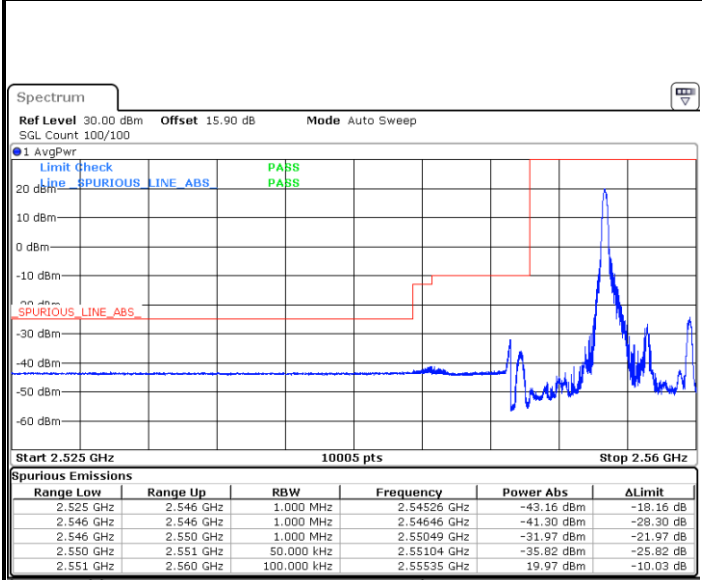




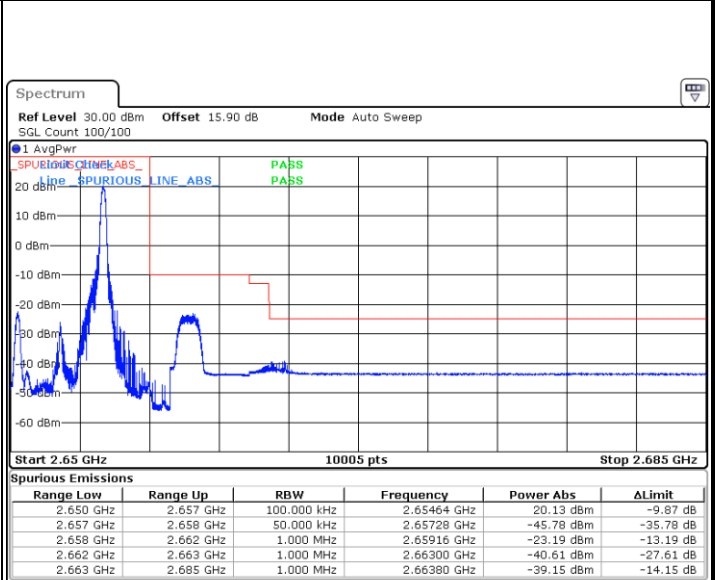
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



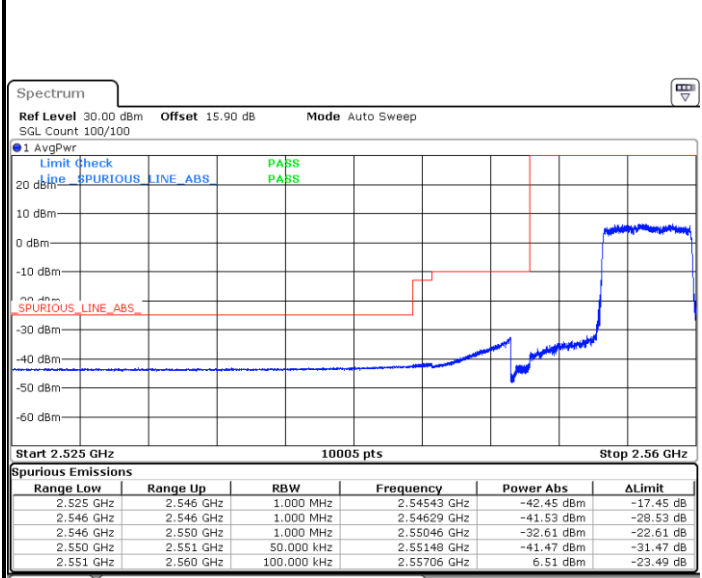
Date: 3 AUG 2017 11:32:43

Highest Band Edge / 1 RB



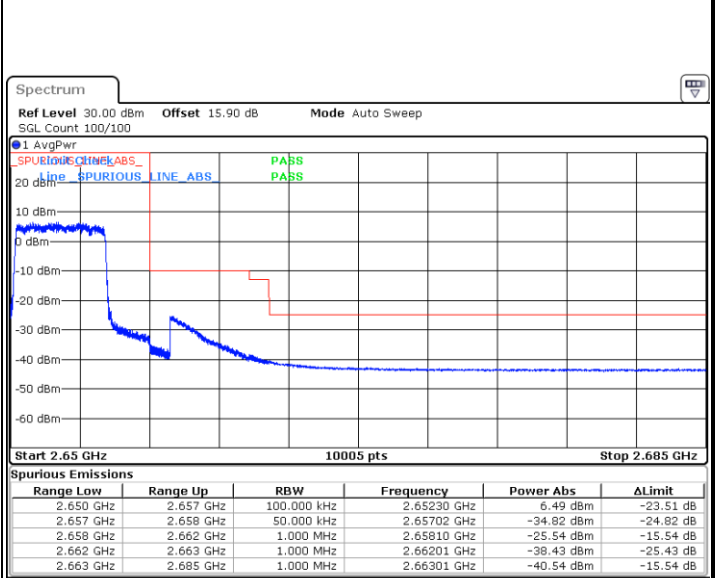
Date: 3 AUG 2017 11:37:19

Lowest Band Edge / Full RB



Date: 3 AUG 2017 11:35:01

Highest Band Edge / Full RB

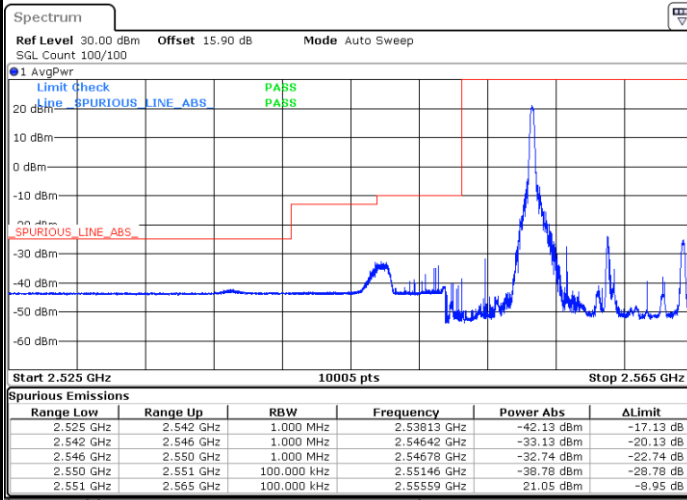


Date: 3 AUG 2017 11:39:37



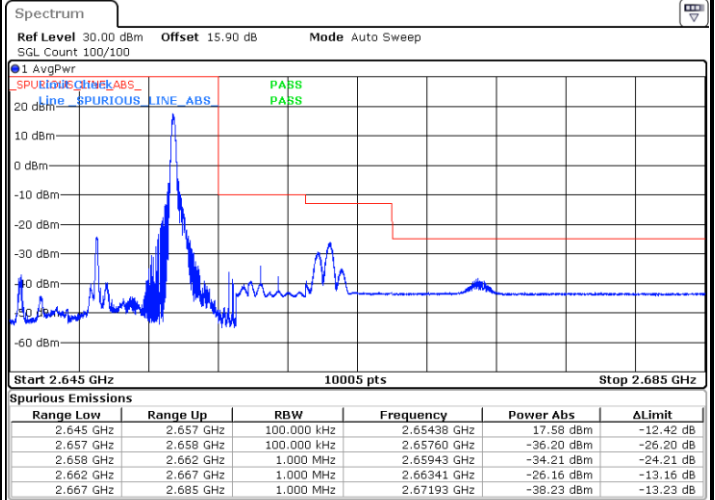
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



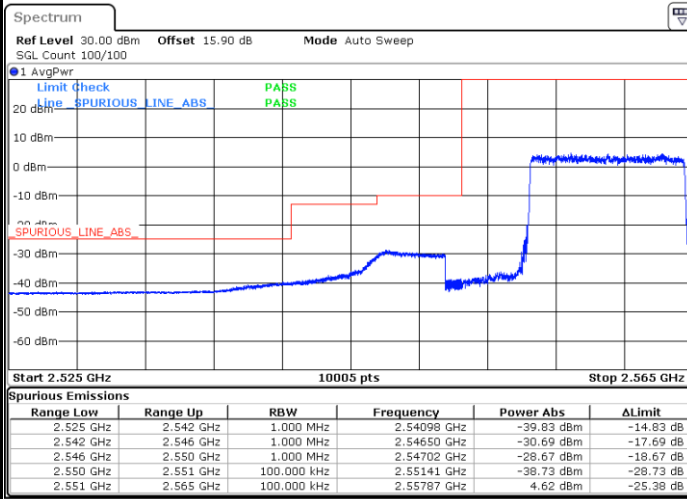
Date: 3 AUG 2017 11:40:46

Highest Band Edge / 1 RB



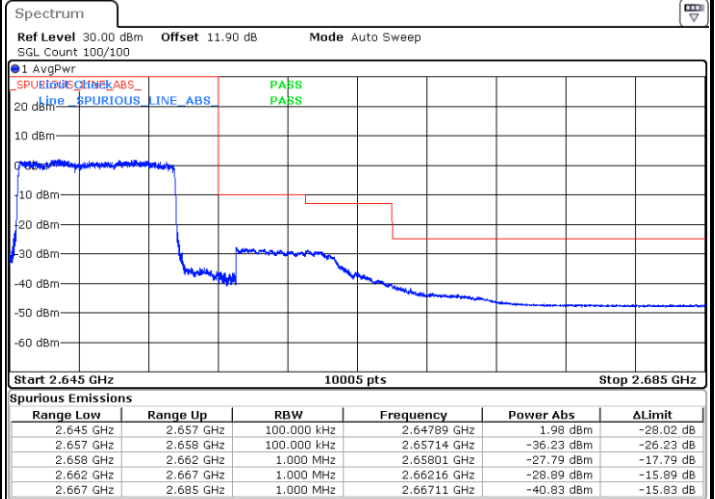
Date: 3 AUG 2017 11:45:23

Lowest Band Edge / Full RB



Date: 3 AUG 2017 11:43:04

Highest Band Edge / Full RB

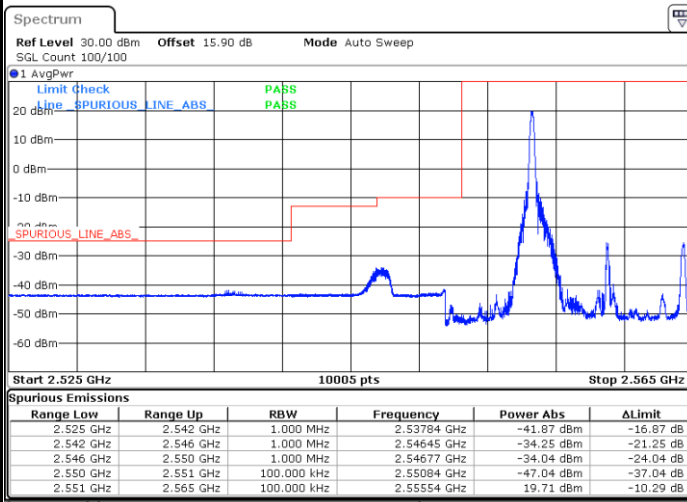


Date: 3 AUG 2017 13:46:16



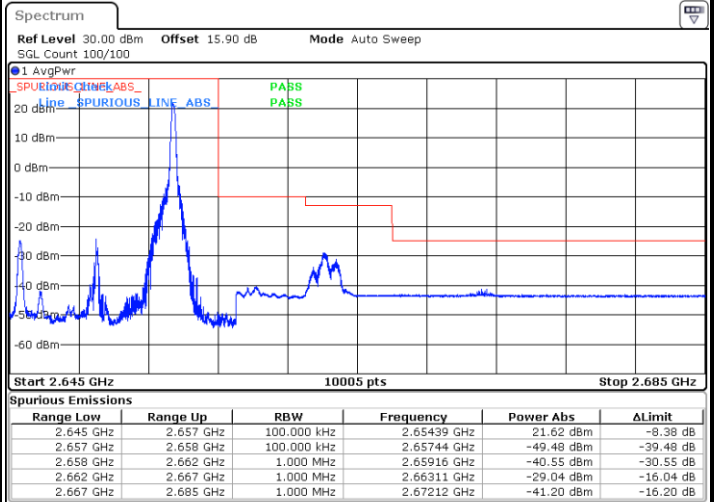
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



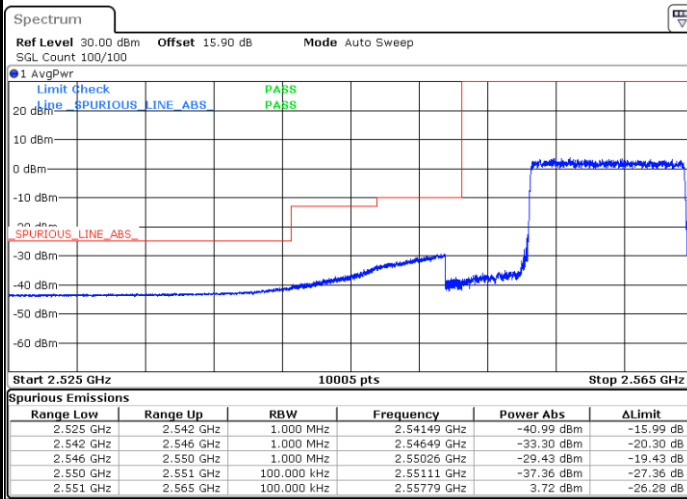
Date: 3 AUG 2017 11:41:55

Highest Band Edge / 1 RB



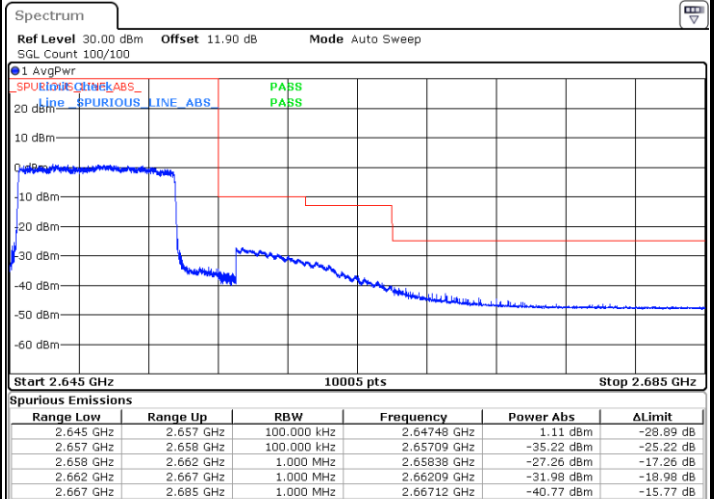
Date: 3 AUG 2017 11:46:32

Lowest Band Edge / Full RB



Date: 3 AUG 2017 11:44:14

Highest Band Edge / Full RB

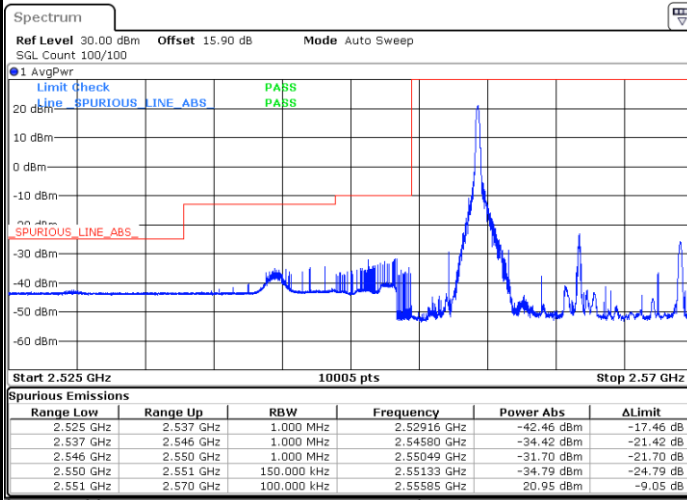


Date: 3 AUG 2017 13:41:57



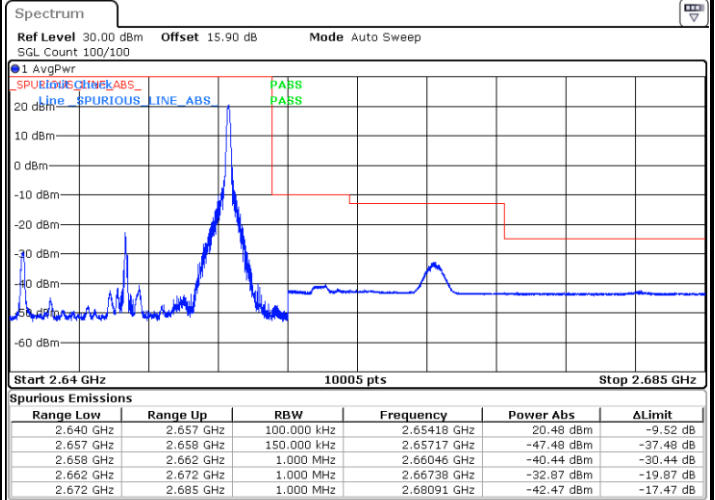
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



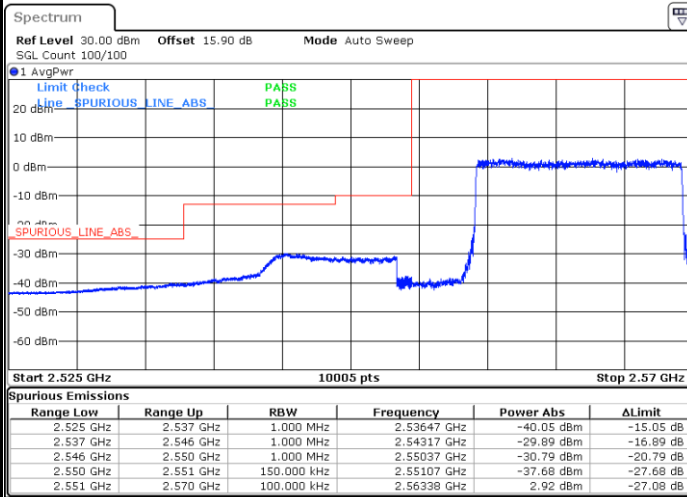
Date: 3 AUG 2017 11:49:59

Highest Band Edge / 1 RB



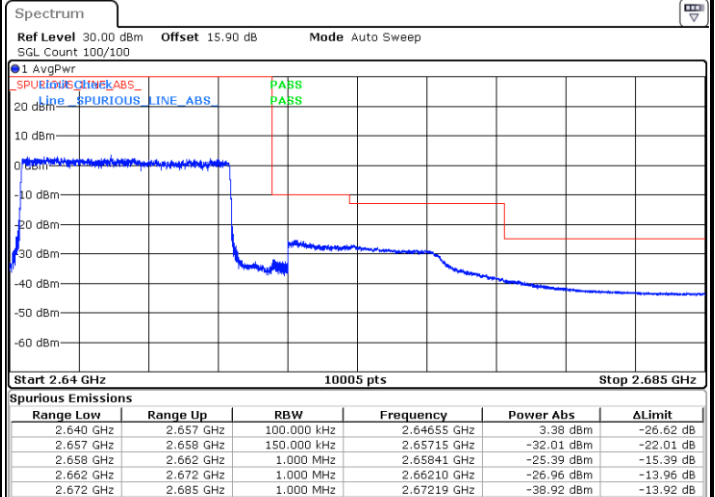
Date: 3 AUG 2017 11:54:35

Lowest Band Edge / Full RB



Date: 3 AUG 2017 11:52:17

Highest Band Edge / Full RB

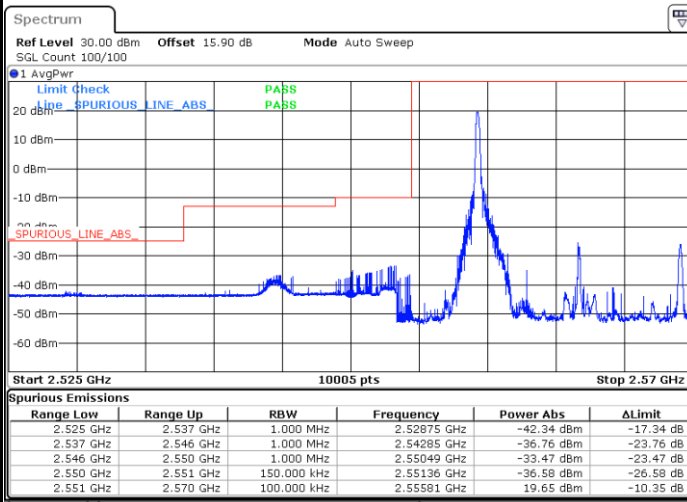


Date: 3 AUG 2017 11:56:53



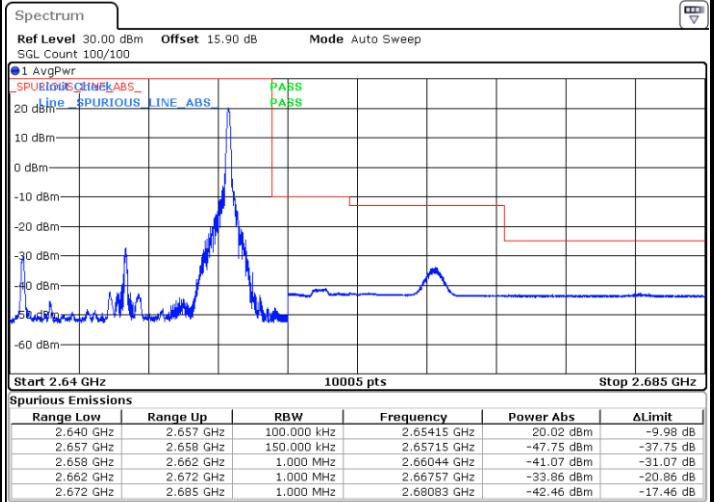
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



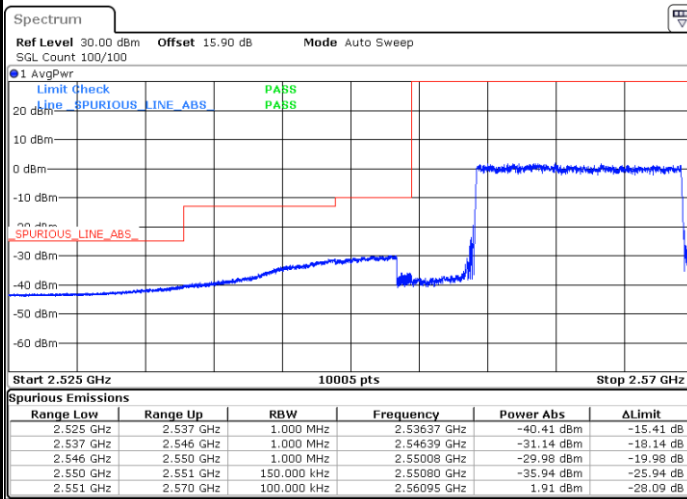
Date: 3 AUG 2017 11:51:08

Highest Band Edge / 1 RB



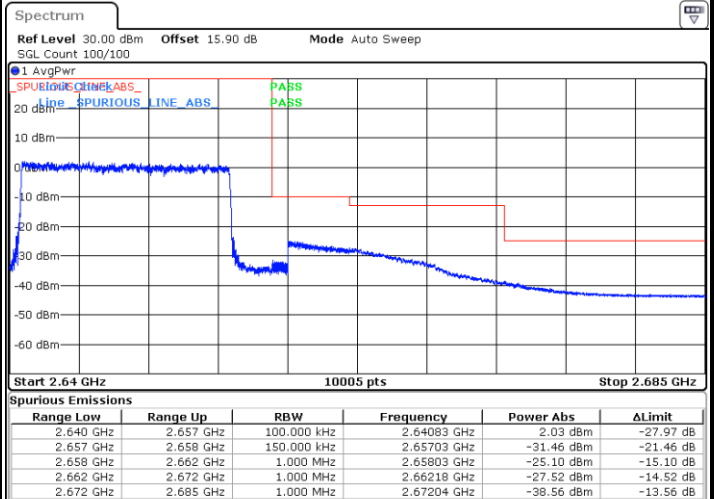
Date: 3 AUG 2017 11:55:44

Lowest Band Edge / Full RB



Date: 3 AUG 2017 11:53:27

Highest Band Edge / Full RB

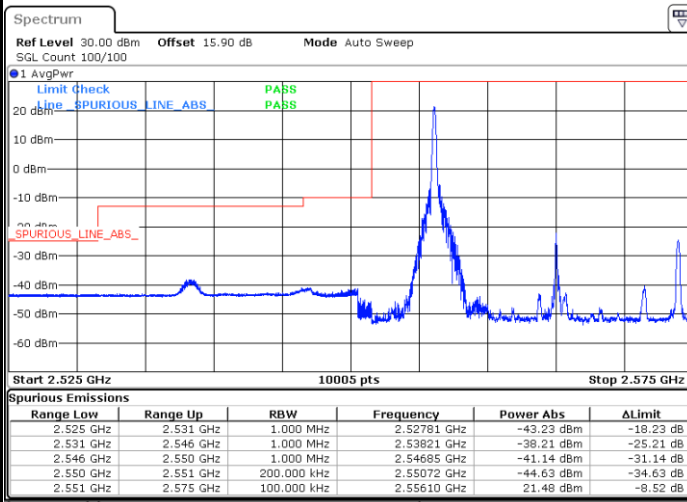


Date: 3 AUG 2017 11:58:02



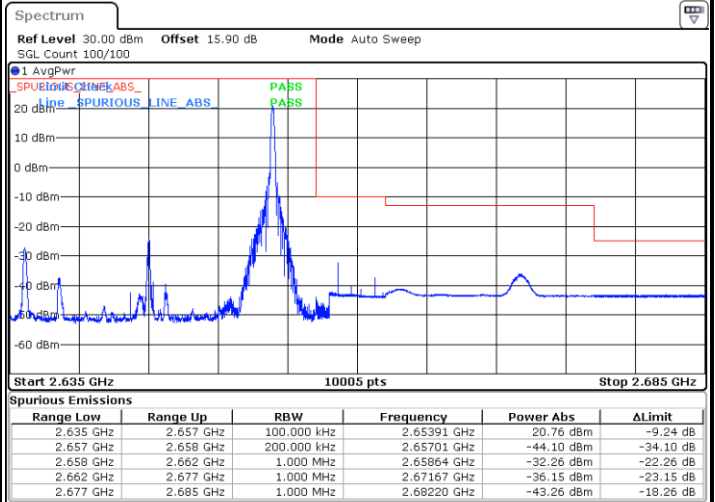
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



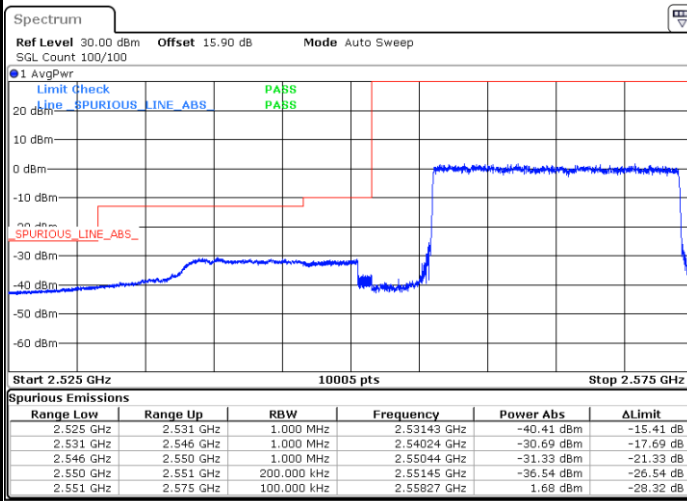
Date: 3 AUG 2017 12:00:02

Highest Band Edge / 1 RB



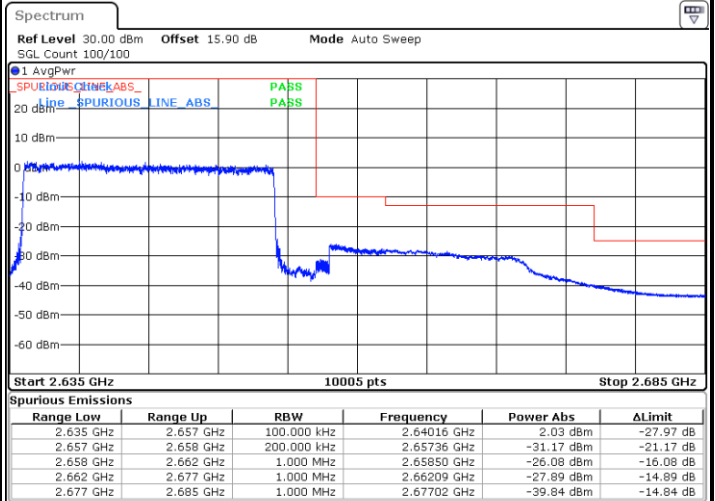
Date: 3 AUG 2017 12:04:39

Lowest Band Edge / Full RB



Date: 3 AUG 2017 12:02:21

Highest Band Edge / Full RB

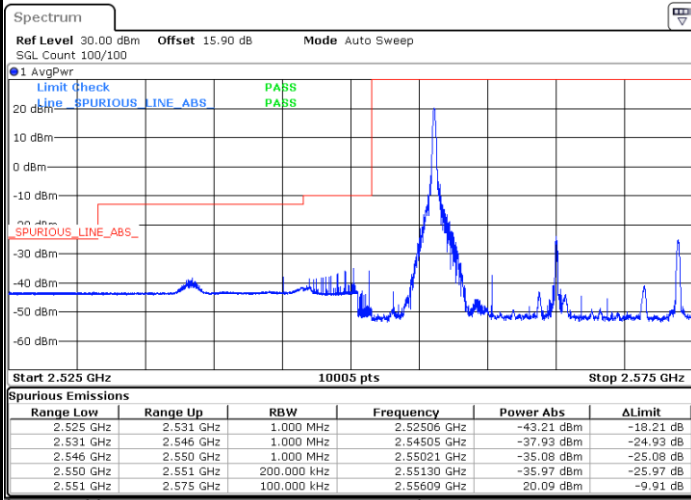


Date: 3 AUG 2017 12:08:05



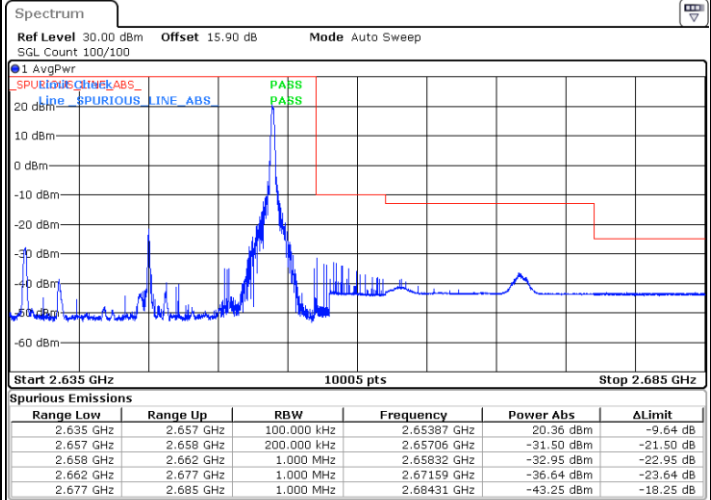
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



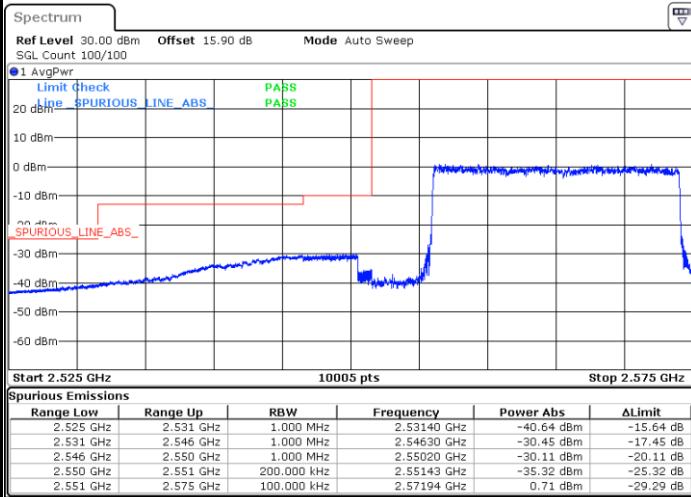
Date: 3 AUG 2017 12:01:11

Highest Band Edge / 1 RB



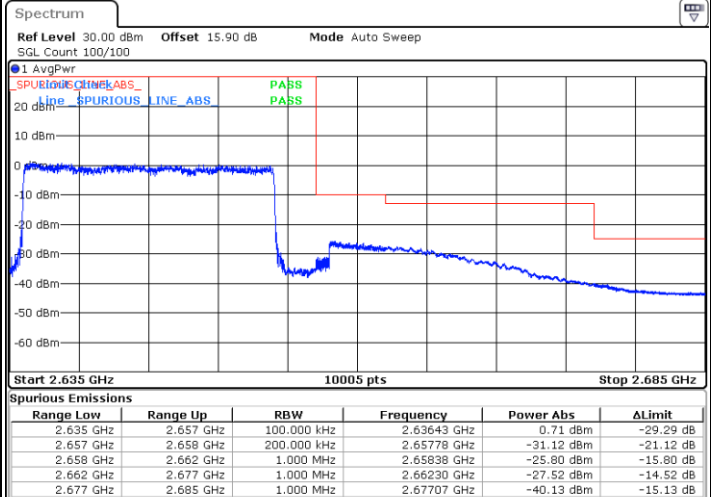
Date: 3 AUG 2017 12:05:47

Lowest Band Edge / Full RB



Date: 3 AUG 2017 12:03:30

Highest Band Edge / Full RB



Date: 3 AUG 2017 12:06:56



**Conducted Spurious Emission**

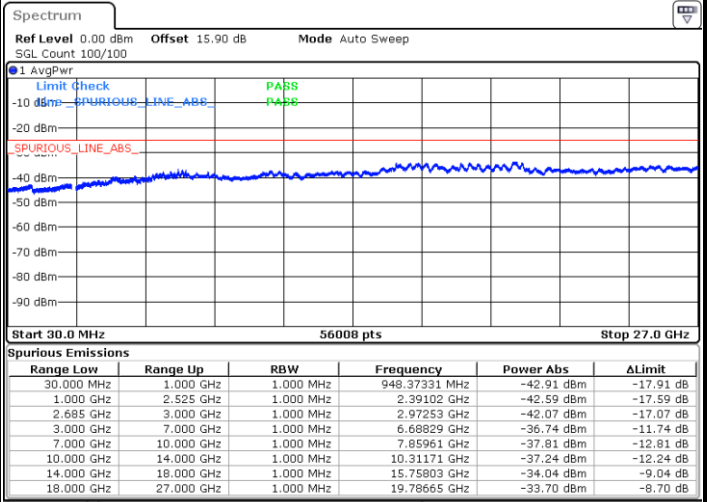
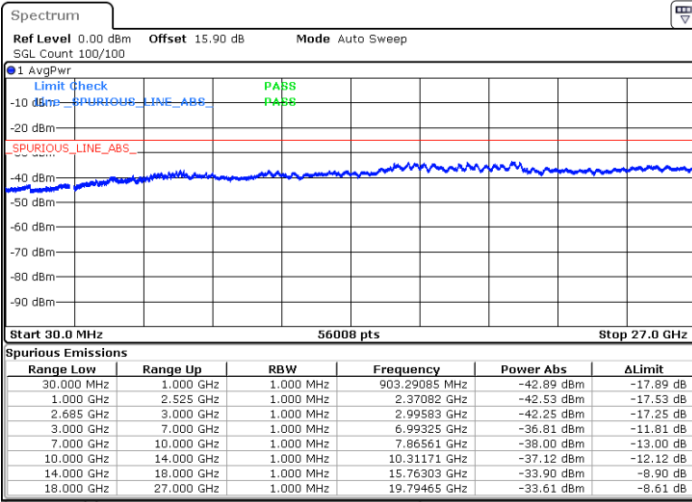




LTE Band 41 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

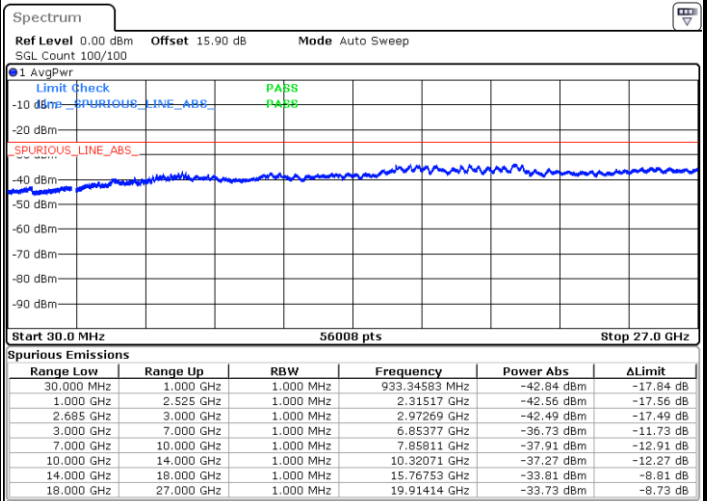
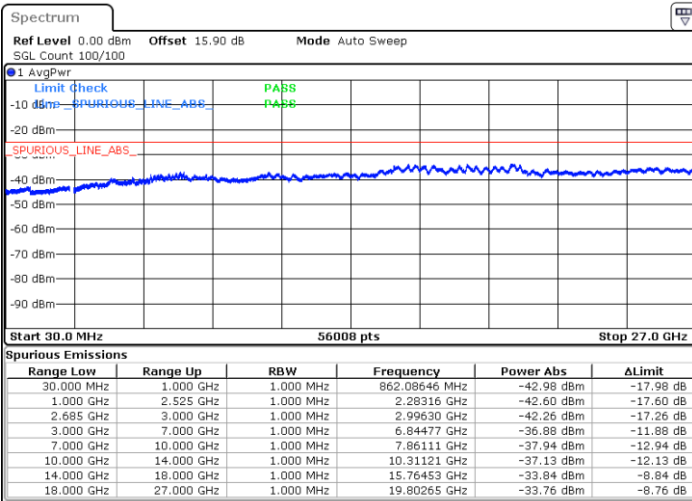


Date: 3.AUG.2017 12:09:00

Date: 3.AUG.2017 12:09:55

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.AUG.2017 12:10:50

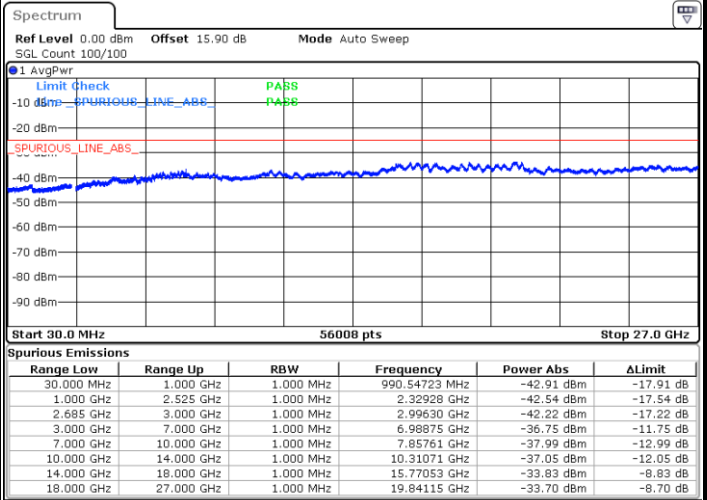
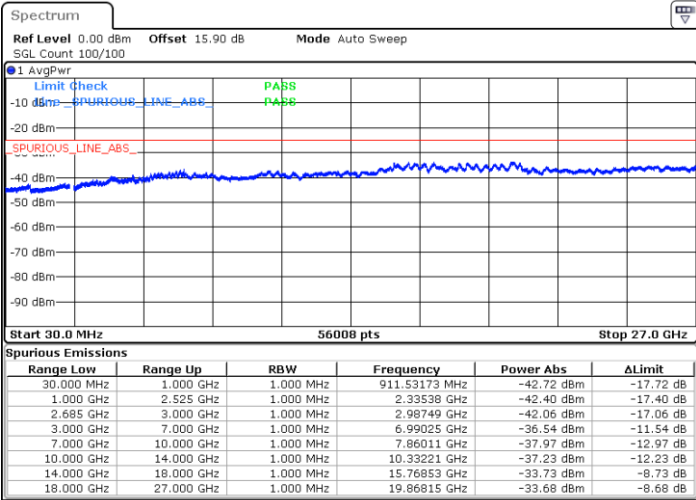
Date: 3.AUG.2017 12:11:45



LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



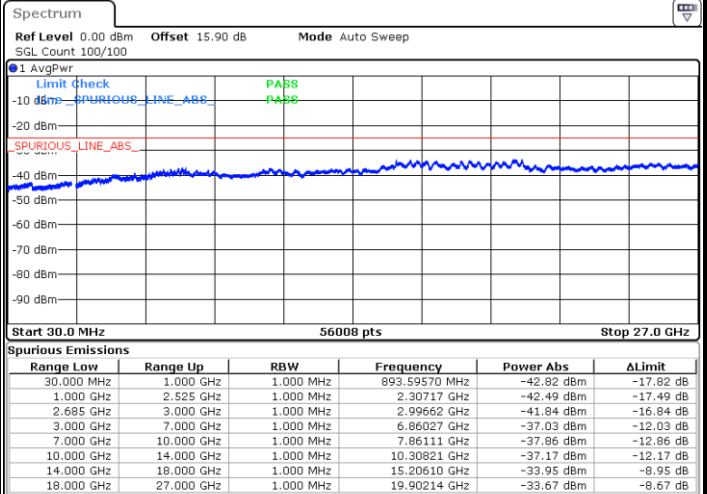
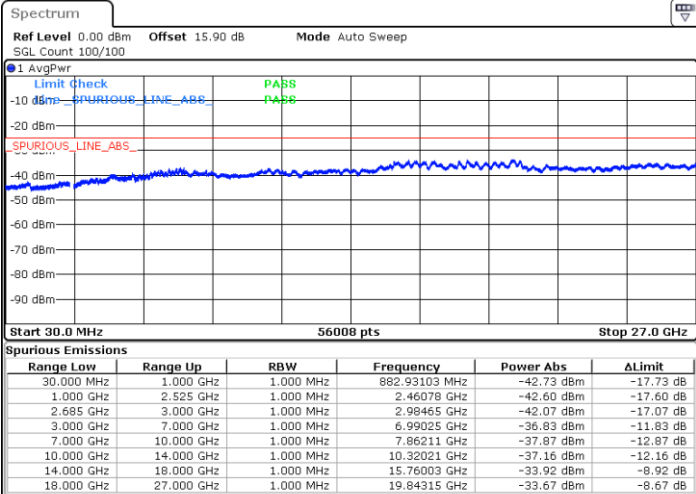
Date: 3.AUG.2017 12:12:40

Date: 3.AUG.2017 12:13:35

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.AUG.2017 12:14:30

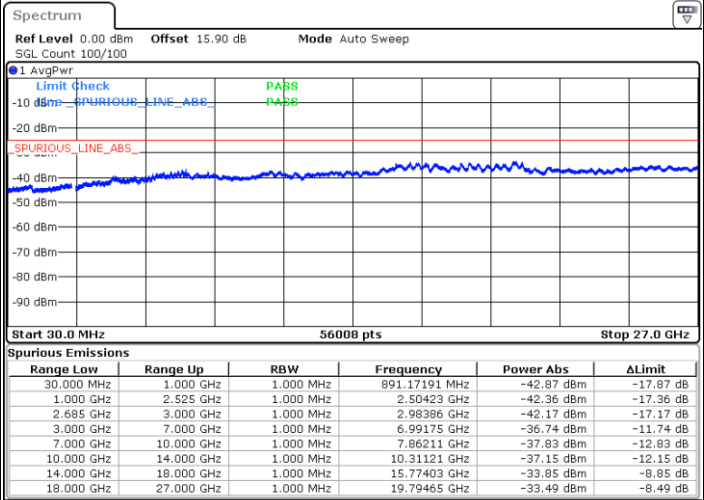
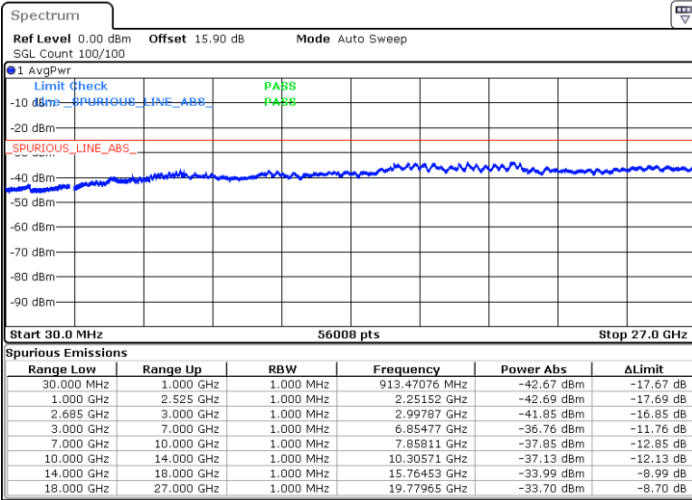
Date: 3.AUG.2017 12:15:25



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

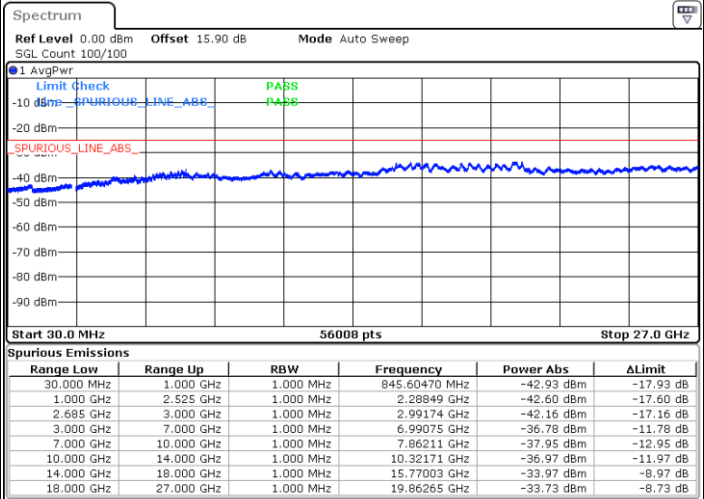
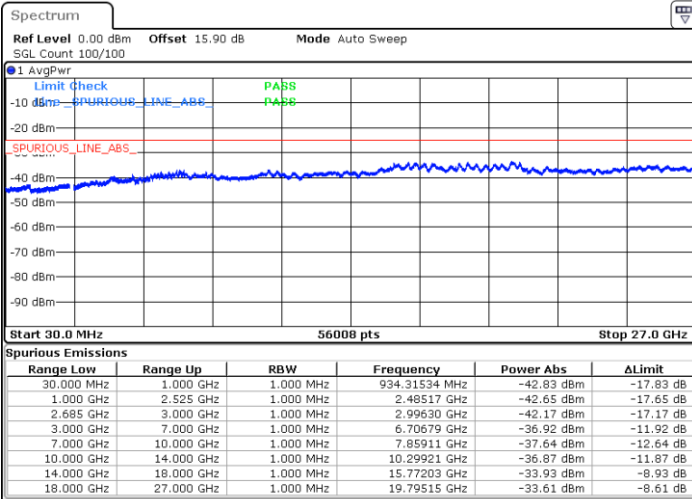


Date: 3.AUG.2017 12:16:19

Date: 3.AUG.2017 12:17:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.AUG.2017 12:18:09

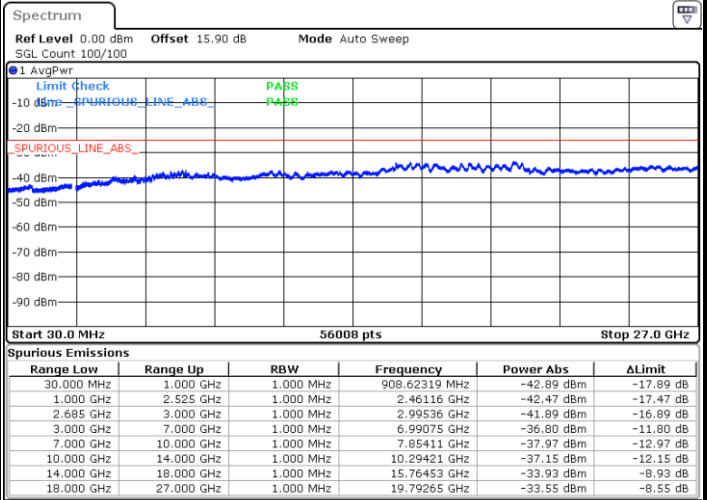
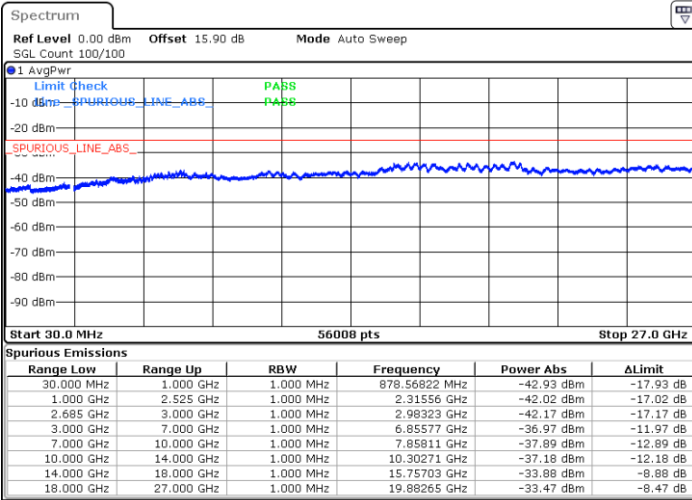
Date: 3.AUG.2017 12:19:04



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

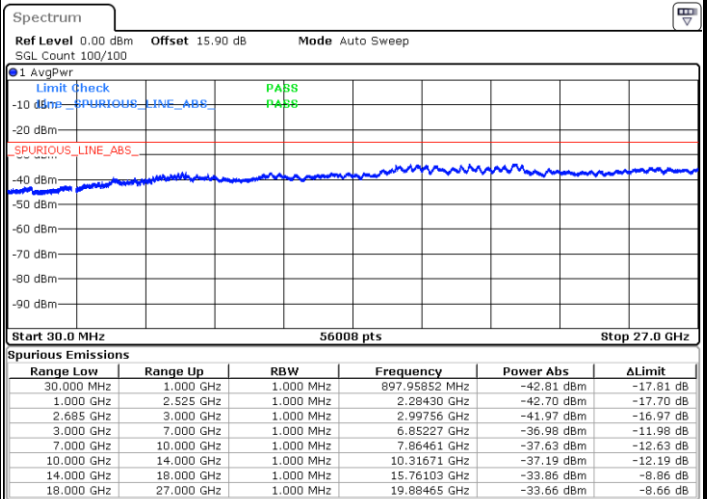
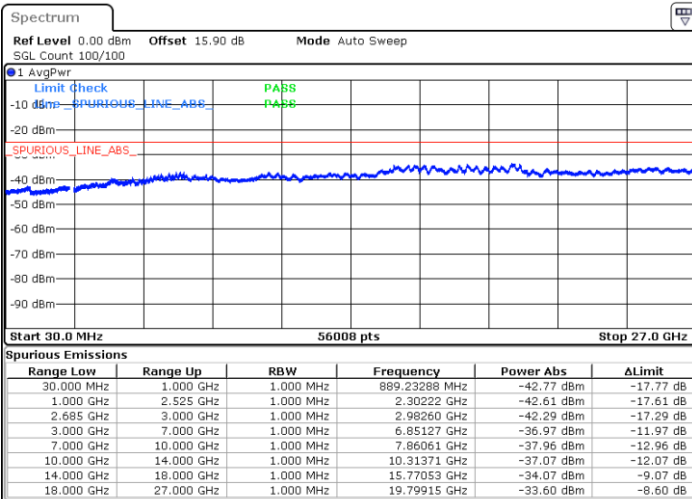


Date: 3.AUG.2017 12:19:59

Date: 3.AUG.2017 12:20:54

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.AUG.2017 12:21:49

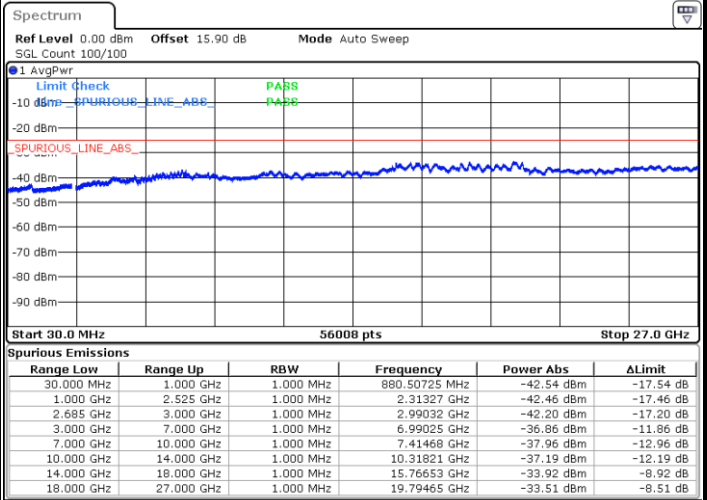
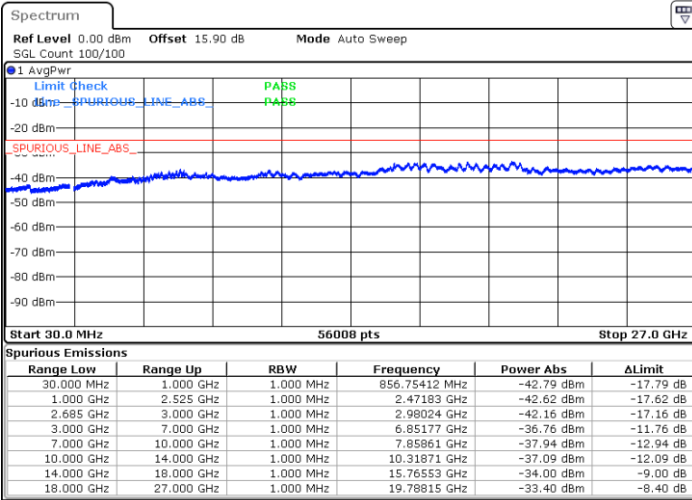
Date: 3.AUG.2017 12:22:44



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



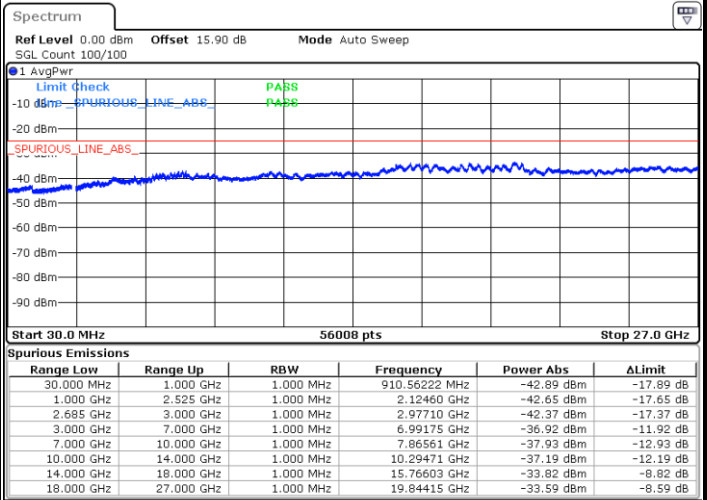
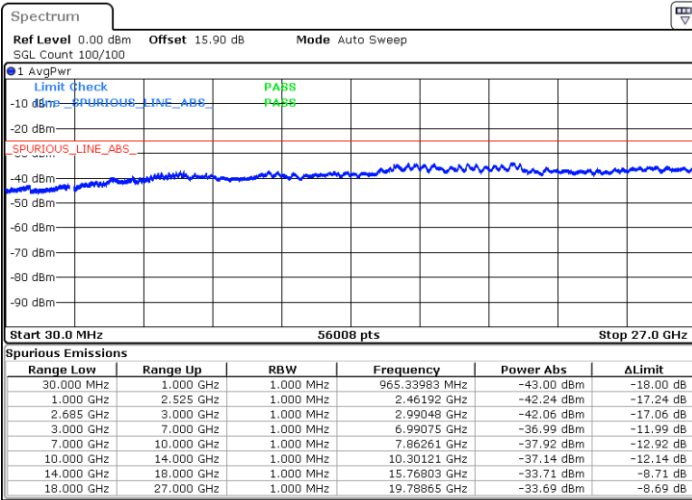
Date: 3.AUG.2017 12:23:39

Date: 3.AUG.2017 12:24:34

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.AUG.2017 12:25:29

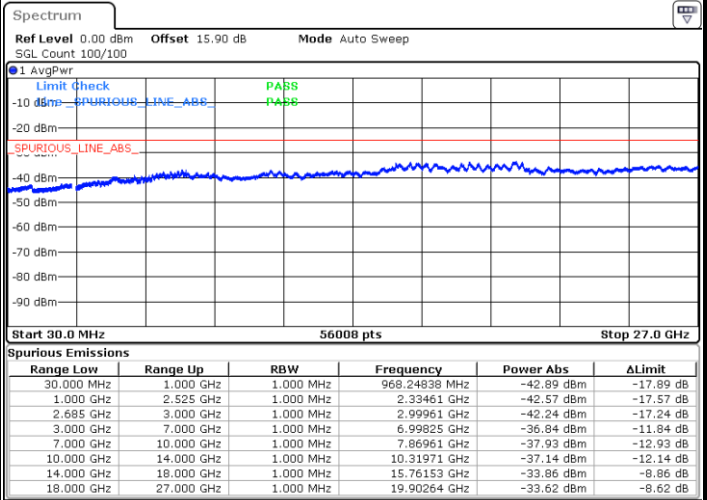
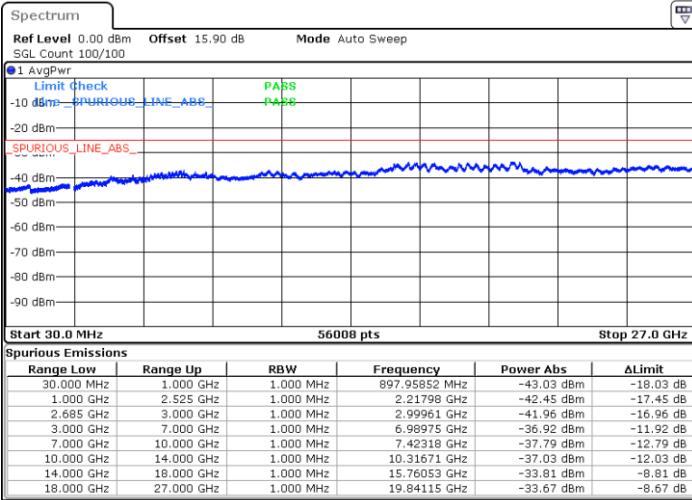
Date: 3.AUG.2017 12:26:23



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

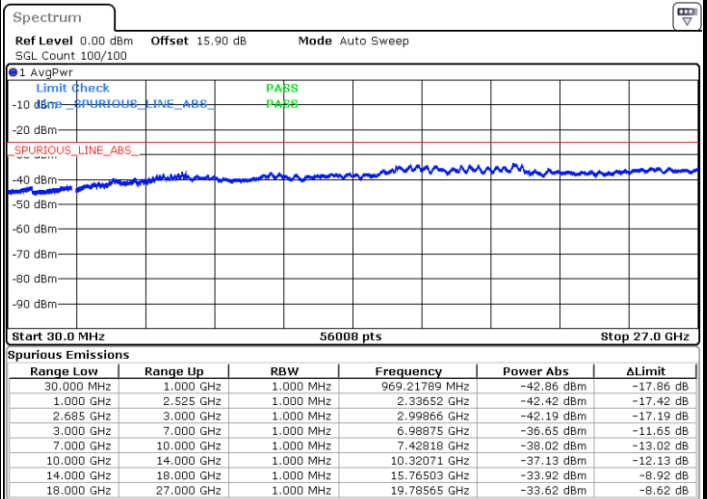
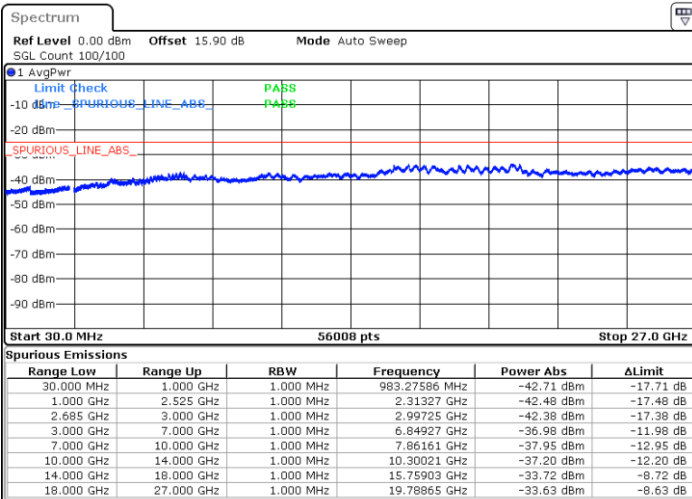


Date: 3.AUG.2017 12:27:18

Date: 3.AUG.2017 12:28:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.AUG.2017 12:29:08

Date: 3.AUG.2017 12:30:03



**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	0.0009	PASS
40	Normal Voltage	0.0089	
30	Normal Voltage	0.0086	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0086	
20	Maximum Voltage	0.0083	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

**Note:**

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 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 = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.21	0.1663	18.51	0.0710
Middle		3	3	22.23	0.1671	18.53	0.0713
Highest		3	3	21.29	0.1346	17.59	0.0574
Lowest	16QAM	1	0	21.36	0.1368	17.66	0.0583
Middle		1	0	21.48	0.1406	17.78	0.0600
Highest		1	0	20.59	0.1146	16.89	0.0489
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.24	0.1675	18.54	0.0714
Middle		1	0	21.39	0.1377	17.69	0.0587
Highest		1	0	21.35	0.1365	17.65	0.0582
Lowest	16QAM	1	0	20.60	0.1148	16.90	0.0490
Middle		1	0	20.67	0.1167	16.97	0.0498
Highest		1	0	20.71	0.1178	17.01	0.0502
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.20	0.1660	18.50	0.0708
Middle		1	0	21.48	0.1406	17.78	0.0600
Highest		1	0	21.29	0.1346	17.59	0.0574
Lowest	16QAM	1	12	20.61	0.1151	16.91	0.0491
Middle		1	12	20.67	0.1167	16.97	0.0498
Highest		1	12	20.69	0.1172	16.99	0.0500
Limit	EIRP < 2W			Result		PASS	





LTE Band 2 / 10MHz (Average) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.34	0.1714	18.64	0.0731
Middle		1	0	22.35	0.1718	18.65	0.0733
Highest		1	0	22.36	0.1722	18.66	0.0735
Lowest	16QAM	1	0	21.53	0.1422	17.83	0.0607
Middle		1	0	21.63	0.1455	17.93	0.0621
Highest		1	0	21.61	0.1449	17.91	0.0618
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.43	0.1750	18.73	0.0746
Middle		1	0	22.43	0.1750	18.73	0.0746
Highest		1	0	22.41	0.1742	18.71	0.0743
Lowest	16QAM	1	0	21.66	0.1466	17.96	0.0625
Middle		1	0	21.74	0.1493	18.04	0.0637
Highest		1	0	21.70	0.1479	18.00	0.0631
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.62	0.1828	18.92	0.0780
Middle		1	0	22.61	0.1824	18.91	0.0778
Highest		1	0	22.49	0.1774	18.79	0.0757
Lowest	16QAM	1	0	21.82	0.1521	18.12	0.0649
Middle		1	0	21.77	0.1503	18.07	0.0641
Highest		1	0	21.77	0.1503	18.07	0.0641
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	21.56	0.1432	16.46	0.0443
Middle		3	3	21.60	0.1445	16.50	0.0447
Highest		3	3	21.57	0.1435	16.47	0.0444
Lowest	16QAM	1	0	20.80	0.1202	15.70	0.0372
Middle		1	0	20.87	0.1222	15.77	0.0378
Highest		1	0	20.81	0.1205	15.71	0.0372
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.64	0.1459	16.54	0.0451
Middle		1	0	21.67	0.1469	16.57	0.0454
Highest		1	0	21.63	0.1455	16.53	0.0450
Lowest	16QAM	1	0	20.95	0.1245	15.85	0.0385
Middle		1	0	21.01	0.1262	15.91	0.0390
Highest		1	0	20.94	0.1242	15.84	0.0384
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.62	0.1452	16.52	0.0449
Middle		1	12	21.66	0.1466	16.56	0.0453
Highest		1	12	21.61	0.1449	16.51	0.0448
Lowest	16QAM	1	12	20.93	0.1239	15.83	0.0383
Middle		1	12	21.00	0.1259	15.90	0.0389
Highest		1	12	20.93	0.1239	15.83	0.0383
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.66	0.1845	17.56	0.0570
Middle		1	0	22.71	0.1866	17.61	0.0577
Highest		1	0	22.74	0.1879	17.64	0.0581
Lowest	16QAM	1	0	21.88	0.1542	16.78	0.0476
Middle		1	0	21.77	0.1503	16.67	0.0465
Highest		1	0	21.91	0.1552	16.81	0.0480
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.76	0.1888	17.66	0.0583
Middle		1	0	22.79	0.1901	17.69	0.0587
Highest		1	0	22.79	0.1901	17.69	0.0587
Lowest	16QAM	1	0	21.97	0.1574	16.87	0.0486
Middle		1	0	21.95	0.1567	16.85	0.0484
Highest		1	0	22.00	0.1585	16.90	0.0490
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.85	0.1928	17.75	0.0596
Middle		1	0	22.93	0.1963	17.83	0.0607
Highest		1	0	22.92	0.1959	17.82	0.0605
Lowest	16QAM	1	0	21.98	0.1578	16.88	0.0488
Middle		1	0	21.96	0.1570	16.86	0.0485
Highest		1	0	21.99	0.1581	16.89	0.0489
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	22.35	0.1718	15.20	0.0331
Middle		3	3	22.18	0.1652	15.03	0.0318
Highest		3	3	22.53	0.1791	15.38	0.0345
Lowest	16QAM	1	3	21.59	0.1442	14.44	0.0278
Middle		1	3	21.57	0.1435	14.42	0.0277
Highest		1	3	21.85	0.1531	14.70	0.0295
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.43	0.1750	15.28	0.0337
Middle		1	0	22.23	0.1671	15.08	0.0322
Highest		1	0	22.59	0.1816	15.44	0.0350
Lowest	16QAM	1	14	21.75	0.1496	14.60	0.0288
Middle		1	14	21.53	0.1422	14.38	0.0274
Highest		1	14	21.61	0.1449	14.46	0.0279
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.33	0.1710	15.18	0.0330
Middle		1	0	22.19	0.1656	15.04	0.0319
Highest		1	0	22.46	0.1762	15.31	0.0340
Lowest	16QAM	1	12	21.74	0.1493	14.59	0.0288
Middle		1	12	21.70	0.1479	14.55	0.0285
Highest		1	12	21.65	0.1462	14.50	0.0282
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.25	0.2113	16.10	0.0407
Middle		1	0	23.33	0.2153	16.18	0.0415
Highest		1	0	23.19	0.2084	16.04	0.0402
Lowest	16QAM	1	49	22.17	0.1648	15.02	0.0318
Middle		1	49	22.46	0.1762	15.31	0.0340
Highest		1	49	22.34	0.1714	15.19	0.0330
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	21.97	0.1574	18.17	0.0656
Middle		1.00	12.00	22.03	0.1596	18.23	0.0665
Highest		1.00	12.00	21.45	0.1396	17.65	0.0582
Lowest	16QAM	1.00	12.00	21.25	0.1334	17.45	0.0556
Middle		1.00	12.00	21.28	0.1343	17.48	0.0560
Highest		1.00	12.00	20.75	0.1189	16.95	0.0495
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	21.95	0.1567	18.15	0.0653
Middle		1.00	0.00	22.05	0.1603	18.25	0.0668
Highest		1.00	0.00	21.46	0.1400	17.66	0.0583
Lowest	16QAM	1.00	0.00	21.21	0.1321	17.41	0.0551
Middle		1.00	0.00	21.29	0.1346	17.49	0.0561
Highest		1.00	0.00	20.74	0.1186	16.94	0.0494
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.03	0.1596	18.23	0.0665
Middle		1.00	0.00	22.14	0.1637	18.34	0.0682
Highest		1.00	0.00	21.42	0.1387	17.62	0.0578
Lowest	16QAM	1.00	0.00	21.30	0.1349	17.50	0.0562
Middle		1.00	0.00	21.39	0.1377	17.59	0.0574
Highest		1.00	0.00	20.70	0.1175	16.90	0.0490
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.40	0.1738	18.60	0.0724
Middle		1.00	0.00	22.27	0.1687	18.47	0.0703
Highest		1.00	0.00	22.10	0.1622	18.30	0.0676
Lowest	16QAM	1.00	99.00	21.45	0.1396	17.65	0.0582
Middle		1.00	99.00	21.49	0.1409	17.69	0.0587
Highest		1.00	99.00	20.85	0.1216	17.05	0.0507
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	22.81	0.1910	18.61	0.0726
Middle		1.00	12.00	22.57	0.1807	18.37	0.0687
Highest		1.00	12.00	22.92	0.1959	18.72	0.0745
Lowest	16QAM	1.00	12.00	21.44	0.1393	17.24	0.0530
Middle		1.00	12.00	21.22	0.1324	17.02	0.0504
Highest		1.00	12.00	21.57	0.1435	17.37	0.0546
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	22.86	0.1932	18.66	0.0735
Middle		1.00	49	22.54	0.1795	18.34	0.0682
Highest		1.00	49	22.93	0.1963	18.73	0.0746
Lowest	16QAM	1.00	49	21.47	0.1403	17.27	0.0533
Middle		1.00	49	21.20	0.1318	17.00	0.0501
Highest		1.00	49	21.59	0.1442	17.39	0.0548
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	37.00	22.87	0.1936	18.67	0.0736
Middle		1.00	37.00	22.59	0.1816	18.39	0.0690
Highest		1.00	37.00	22.92	0.1959	18.72	0.0745
Lowest	16QAM	1.00	74.00	21.62	0.1452	17.42	0.0552
Middle		1.00	74.00	21.35	0.1365	17.15	0.0519
Highest		1.00	74.00	21.69	0.1476	17.49	0.0561
Limit	EIRP < 2W			Result		PASS	





LTE Band 41 / 20MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.88	0.1941	18.68	0.0738
Middle		1.00	0.00	22.93	0.1963	18.73	0.0746
Highest		1.00	0.00	22.94	0.1968	18.74	0.0748
Lowest	16QAM	1.00	99.00	21.71	0.1483	17.51	0.0564
Middle		1.00	99.00	21.59	0.1442	17.39	0.0548
Highest		1.00	99.00	21.81	0.1517	17.61	0.0577
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	22.70	0.1862	18.50	0.0708
Middle		1.00	12.00	22.66	0.1845	18.46	0.0701
Highest		1.00	12.00	22.69	0.1858	18.49	0.0706
Lowest	16QAM	1.00	12.00	21.35	0.1365	17.15	0.0519
Middle		1.00	12.00	21.31	0.1352	17.11	0.0514
Highest		1.00	12.00	21.34	0.1361	17.14	0.0518
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	22.75	0.1884	18.55	0.0716
Middle		1.00	49	22.71	0.1866	18.51	0.0710
Highest		1.00	49	22.77	0.1892	18.57	0.0719
Lowest	16QAM	1.00	49	21.37	0.1371	17.17	0.0521
Middle		1.00	49	21.33	0.1358	17.13	0.0516
Highest		1.00	49	21.39	0.1377	17.19	0.0524
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	22.93	0.1963	18.73	0.0746
Middle		1.00	74.00	22.90	0.1950	18.70	0.0741
Highest		1.00	74.00	22.93	0.1963	18.73	0.0746
Lowest	16QAM	1.00	74.00	21.50	0.1413	17.30	0.0537
Middle		1.00	74.00	21.48	0.1406	17.28	0.0535
Highest		1.00	74.00	21.51	0.1416	17.31	0.0538
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.98	0.1986	18.78	0.0755
Middle		1.00	0.00	22.96	0.1977	18.76	0.0752
Highest		1.00	0.00	22.94	0.1968	18.74	0.0748
Lowest	16QAM	1.00	99.00	21.63	0.1455	17.43	0.0553
Middle		1.00	99.00	21.60	0.1445	17.40	0.0550
Highest		1.00	99.00	21.63	0.1455	17.43	0.0553
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)
Middle	3756	-44.90	-13	-31.90	-61.84	-56.7	0.69	12.50	H
	5640	-52.57	-13	-39.57	-74.02	-64.7	0.98	13.12	H
	11278.5	-43.94	-13	-30.94	-74.74	-53.6	1.49	11.15	H
									H
									H
									H
									H
	3762	-45.69	-13	-32.69	-63.8	-57.5	0.69	12.50	V
	5640	-52.77	-13	-39.77	-74.12	-64.9	0.98	13.12	V
	11278.5	-42.74	-13	-29.74	-73.73	-52.4	1.49	11.15	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)
Lowest	3702	-46.11	-13	-33.11	-63.11	-57.9	0.72	12.52	H
	5550	-51.03	-13	-38.03	-72.59	-63.2	1.00	13.17	H
	9252	-44.59	-13	-31.59	-73.84	-55.1	1.39	11.89	H
	11100	-43.73	-13	-30.73	-74.07	-52.8	1.47	10.54	H
									H
									H
									H
	3702	-46.71	-13	-33.71	-64.57	-58.5	0.72	12.52	V
	5550	-52.53	-13	-39.53	-74.03	-64.7	1.00	13.17	V
	9252	-42.39	-13	-29.39	-71.07	-52.9	1.39	11.89	V
	11100	-43.33	-13	-30.33	-73.8	-52.4	1.47	10.54	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)
Lowest	3702	-46.31	-13	-33.31	-63.05	-58.1	0.72	12.52	H
	5550	-51.93	-13	-38.93	-73.16	-64.1	1.00	13.17	H
	9252	-43.49	-13	-30.49	-72.91	-54	1.39	11.89	H
	11100	-43.73	-13	-30.73	-74.1	-52.8	1.47	10.54	H
									H
									H
									H
	3702	-46.41	-13	-33.41	-64.44	-58.2	0.72	12.52	V
	5550	-53.33	-13	-40.33	-74.89	-65.5	1.00	13.17	V
	9252	-42.89	-13	-29.89	-71.4	-53.4	1.39	11.89	V
	11100	-43.83	-13	-30.83	-74.19	-52.9	1.47	10.54	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	3804	-47.39	-13	-34.39	-64.41	-59.2	0.67	12.48	H
	5700	-53.51	-13	-40.51	-75.13	-65.6	0.99	13.08	H
	11404	-43.23	-13	-30.23	-74.25	-53.3	1.50	11.57	H
									H
									H
									H
									H
	3804	-48.19	-13	-35.19	-66.48	-60	0.67	12.48	V
	5700	-54.01	-13	-41.01	-75.57	-66.1	0.99	13.08	V
	11404	-43.63	-13	-30.63	-75.09	-53.7	1.50	11.57	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)
Lowest	3702	-45.41	-13	-32.41	-62.74	-57.2	0.72	12.52	H
	5550	-51.73	-13	-38.73	-73.39	-63.9	1.00	13.17	H
	9252	-44.69	-13	-31.69	-73.77	-55.2	1.39	11.89	H
	11100	-43.73	-13	-30.73	-73.95	-52.8	1.47	10.54	H
									H
									H
									H
	3702	-46.91	-13	-33.91	-64.99	-58.7	0.72	12.52	V
	5550	-52.33	-13	-39.33	-73.67	-64.5	1.00	13.17	V
	9252	-42.69	-13	-29.69	-71.49	-53.2	1.39	11.89	V
	11100	-43.43	-13	-30.43	-73.52	-52.5	1.47	10.54	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)
Lowest	3702	-45.31	-13	-32.31	-62.19	-57.1	0.72	12.52	H
	5556	-51.83	-13	-38.83	-73.37	-64	1.00	13.17	H
	9252	-43.59	-13	-30.59	-72.71	-54.1	1.39	11.89	H
	11110.5	-43.50	-13	-30.50	-73.95	-52.6	1.47	10.57	H
	14806.5	-41.03	-13	-28.03	74.13	-52.1	1.69	12.76	H
									H
									H
	3702	-47.81	-13	-34.81	-65.78	-59.6	0.72	12.52	V
	5556	-52.73	-13	-39.73	-73.94	-64.9	1.00	13.17	V
	9252	-41.69	-13	-28.69	-70.93	-52.2	1.39	11.89	V
	11110.5	-43.50	-13	-30.50	-74.11	-52.6	1.47	10.57	V
	14806.5	-41.23	-13	-28.23	-73.71	-52.3	1.69	12.76	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	-46.59	-13	-33.59	-63.62	-58.3	0.78	12.49	H
	10396.5	-44.58	-13	-31.58	-75.5	-54.52	1.41	11.35	H
	13861.5	-42.15	-13	-29.15	-75.29	-52.77	1.54	12.17	H
									H
									H
									H
									H
	3462	-49.29	-13	-36.29	-67	-61	0.78	12.49	V
	10396.5	-44.66	-13	-31.66	-75.31	-54.6	1.41	11.35	V
	13861.5	-43.08	-13	-30.08	-74.01	-53.7	1.54	12.17	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)
Middle	3462	-46.49	-13	-33.49	-63.53	-58.2	0.78	12.49	H
	8658	-47.88	-13	-34.88	-75.86	-58.61	1.39	12.12	H
	10386	-45.00	-13	-32.00	-75.94	-54.96	1.40	11.37	H
	13851	-41.70	-13	-28.70	-74.88	-52.34	1.54	12.18	H
									H
									H
									H
	3462	-49.49	-13	-36.49	-66.87	-61.2	0.78	12.49	V
	8658	-46.97	-13	-33.97	-74.59	-57.7	1.39	12.12	V
	10386	-44.04	-13	-31.04	-74.44	-54	1.40	11.37	V
	13851	-42.96	-13	-29.96	-743.88	-53.6	1.54	12.18	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)
Middle	3462	-47.29	-13	-34.29	-64.09	-59	0.78	12.49	H
	5190	-55.61	-13	-42.61	-76	-67.2	0.99	12.58	H
	10386	-44.84	-13	-31.84	-75.45	-54.8	1.40	11.37	H
									H
									H
									H
									H
	3462	-49.99	-13	-36.99	-67.24	-61.7	0.78	12.49	V
	5190	-55.51	-13	-42.51	-76.33	-67.1	0.99	12.58	V
	10386	-43.74	-13	-30.74	-74.2	-53.7	1.40	11.37	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	3492	-48.09	-13	-35.09	-65.34	-59.89	0.78	12.58	H
	10470	-43.99	-13	-30.99	-74.86	-53.78	1.41	11.21	H
	13966.5	-41.72	-13	-28.72	-74.57	-52.2	1.56	12.04	H
									H
									H
									H
									H
	3492	-51.63	-13	-38.63	-69.85	-63.43	0.78	12.58	V
	10470	-43.46	-13	-30.46	-74.19	-53.25	1.41	11.21	V
	13966.5	-42.63	-13	-29.63	-73.8	-53.11	1.56	12.04	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)
Middle	3450	-45.53	-13	-32.53	-62.48	-57.2	0.78	12.45	H
	5175	-55.63	-13	-42.63	-76.26	-67.2	0.98	12.55	H
	10355	-44.08	-13	-31.08	-74.76	-54.1	1.40	11.43	H
									H
									H
									H
									H
	3450	-49.63	-13	-36.63	-66.72	-61.3	0.78	12.45	V
	5175	-55.33	-13	-42.33	-75.97	-66.9	0.98	12.55	V
	10355	-43.08	-13	-30.08	-73.35	-53.1	1.40	11.43	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	3450	-45.93	-13	-32.93	-62.6	-57.6	0.78	12.45	H
	5168	-55.75	-13	-42.75	-76.14	-67.3	0.98	12.54	H
	10344	-44.65	-13	-31.65	-75.12	-54.7	1.40	11.45	H
									H
									H
									H
									H
	3450	-49.03	-13	-36.03	-65.89	-60.7	0.78	12.45	V
	5168	-55.55	-13	-42.55	-76.16	-67.1	0.98	12.54	V
	10344	-43.25	-13	-30.25	-74.09	-53.3	1.40	11.45	V
									V
									V
									V
									V

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



### LTE Band 5

LTE Band 5 / 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)	
Highest	1696	-61.40	-13	-48.40	-71.78	-68.45	0.53	9.73	H	
	2544	-60.05	-13	-47.05	-45.74	-68.06	0.67	10.83	H	
	3392	-58.47	-13	-45.47	-48.53	-67.83	0.77	12.28	H	
										H
										H
										H
										H
	1696	-60.73	-13	-47.73	-70.49	-67.78	0.53	9.73	V	
	2544	-60.15	-13	-47.15	-74	-68.16	0.67	10.83	V	
	3392	-59.19	-13	-46.19	-75.09	-68.55	0.77	12.28	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)
Highest	1696	-60.70	-13	-47.70	-71.08	-67.75	0.53	9.73	H
	2544	-60.36	-13	-47.36	-73.84	-68.37	0.67	10.83	H
	3392	-58.56	-13	-45.56	-74.87	-67.92	0.77	12.28	H
									H
									H
									H
									H
	1696	-60.96	-13	-47.96	-70.72	-68.01	0.53	9.73	V
	2544	-59.91	-13	-46.91	-73.76	-67.92	0.67	10.83	V
	3392	-59.00	-13	-46.00	-74.9	-68.36	0.77	12.28	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)
Highest	1688	-60.07	-13	-47.07	-69.93	-67.1	0.53	9.71	H
	2532	-60.39	-13	-47.39	-73.82	-68.4	0.66	10.82	H
	3376	-58.59	-13	-45.59	-74.63	-67.9	0.77	12.23	H
									H
									H
									H
									H
	1688	-61.77	-13	-48.77	-71.08	-68.8	0.53	9.71	V
	2532	-60.49	-13	-47.49	-73.93	-68.5	0.66	10.82	V
	3376	-59.19	-13	-46.19	-75.04	-68.5	0.77	12.23	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)
Middle	1672	-61.90	-13	-48.90	-71.88	-68.9	0.53	9.68	H
	2495	-60.31	-13	-47.31	-73.64	-68.3	0.65	10.80	H
	3326	-58.63	-13	-45.63	-74.68	-67.8	0.76	12.08	H
									H
									H
									H
									H
	1672	-62.40	-13	-49.40	-71.83	-69.4	0.53	9.68	V
	2495	-60.11	-13	-47.11	-74	-68.1	0.65	10.80	V
	3326	-58.83	-13	-45.83	-74.72	-68	0.76	12.08	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 )	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	5064	-53.52	-25	-28.52	-74.09	-64.89	0.95	12.33	H
	10134	-42.07	-25	-17.07	-73.07	-52.54	1.38	11.85	H
	15192	-39.59	-25	-14.59	-74.07	-52.42	1.73	14.57	H
									H
									H
									H
									H
	5064	-53.88	-25	-28.88	-74.62	-65.25	0.95	12.33	V
	10134	-41.05	-25	-16.05	-71.77	-51.52	1.38	11.85	V
	15192	-37.92	-25	-12.92	-72.02	-50.75	1.73	14.57	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)
Middle	5064	-53.35	-25	-28.35	-73.96	-64.72	0.95	12.33	H
	10116	-42.35	-25	-17.35	-73.36	-52.85	1.38	11.88	H
	15192	-39.45	-25	-14.45	-73.93	-52.28	1.73	14.57	H
									H
									H
									H
									H
	5064	-54.18	-25	-29.18	-74.92	-65.55	0.95	12.33	V
	10116	-40.01	-25	-15.01	-70.73	-50.51	1.38	11.88	V
	15192	-37.72	-25	-12.72	-71.88	-50.55	1.73	14.57	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)
Middle	5058	-53.06	-25	-28.06	-73.65	-64.42	0.95	12.32	H
	10116	-41.96	-25	-16.96	-72.97	-52.46	1.38	11.88	H
	15174	-38.64	-25	-13.64	-73.06	-51.36	1.73	14.45	H
									H
									H
									H
									H
	5058	-53.50	-25	-28.50	-74.24	-64.86	0.95	12.32	V
	10116	-40.29	-25	-15.29	-71.01	-50.79	1.38	11.88	V
	15174	-38.73	-25	-13.73	-72.78	-51.45	1.73	14.45	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	-53.28	-25	-28.28	-73.76	-64.55	0.94	12.21	H
	10008	-40.81	-25	-15.81	-71.86	-51.53	1.37	12.08	H
	15012	-40.01	-25	-15.01	-73.86	-51.67	1.72	13.38	H
									H
									H
									H
									H
	5004	-53.76	-25	-28.76	-74.43	-65.03	0.94	12.21	V
	10008	-40.79	-25	-15.79	-71.51	-51.51	1.37	12.08	V
	15012	-39.05	-25	-14.05	-72.62	-50.71	1.72	13.38	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	5142	-53.99	-25	-28.99	-74.69	-65.5	0.97	12.48	H	
	7716	-50.46	-25	-25.46	-75.81	-60.28	1.19	11.00	H	
	10278	-42.00	-25	-17.00	-72.94	-52.18	1.39	11.57	H	
										H
										H
										H
										H
	5142	-53.71	-25	-28.71	-74.58	-65.22	0.97	12.48	V	
	7716	-50.72	-25	-25.72	-75.97	-60.54	1.19	11.00	V	
	10278	-42.38	-25	-17.38	-73.1	-52.56	1.39	11.57	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)
Highest	5220	-51.47	-25	-26.47	-72.34	-63.11	1.00	12.64	H
	7830	-49.95	-25	-24.95	-75.67	-60.08	1.19	11.32	H
	10440	-44.03	-25	-19.03	-74.91	-53.88	1.41	11.26	H
									H
									H
									H
									H
	5220	-51.56	-25	-26.56	-72.59	-63.2	1.00	12.64	V
	7830	-49.80	-25	-24.80	-75.55	-59.93	1.19	11.32	V
	10440	-43.00	-25	-18.00	-73.73	-52.85	1.41	11.26	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)
Highest	5214	-54.65	-25	-29.65	-75.47	-66.28	1.00	12.63	H
	7824	-50.72	-25	-25.72	-76.44	-60.84	1.19	11.31	H
	10422	-44.46	-25	-19.46	-75.35	-54.35	1.41	11.30	H
									H
									H
									H
									H
	5214	-53.87	-25	-28.87	-74.85	-65.5	1.00	12.63	V
	7824	-50.12	-25	-25.12	-75.87	-60.24	1.19	11.31	V
	10422	-43.13	-25	-18.13	-73.87	-53.02	1.41	11.30	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)
Lowest	5142	-53.50	-25	-28.50	-74.2	-65.01	0.97	12.48	H
	7716	-50.60	-25	-25.60	-75.95	-60.42	1.19	11.00	H
	10278	-42.28	-25	-17.28	-73.22	-52.46	1.39	11.57	H
									H
									H
									H
									H
	5142	-53.97	-25	-28.97	-74.84	-65.48	0.97	12.48	V
	7716	-50.12	-25	-25.12	-75.37	-59.94	1.19	11.00	V
	10278	-42.10	-25	-17.10	-72.82	-52.28	1.39	11.57	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 / 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	5298	-54.03	-25	-29.03	-75.1	-65.8	1.03	12.80	H
	7950	-48.13	-25	-23.13	-74.73	-58.6	1.19	11.66	H
	10602	-43.44	-25	-18.44	-74.2	-52.97	1.42	10.96	H
									H
									H
									H
									H
	5298	-53.57	-25	-28.57	-74.87	-65.34	1.03	12.80	V
	7950	-47.84	-25	-22.84	-74.56	-58.31	1.19	11.66	V
	10602	-42.51	-25	-17.51	-73.14	-52.04	1.42	10.96	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)
Highest	5292	-53.57	-25	-28.57	-74.69	-65.33	1.03	12.78	H
	7938	-49.14	-25	-24.14	-75.61	-59.57	1.19	11.63	H
	10584	-42.86	-25	-17.86	-73.68	-52.43	1.42	10.99	H
									H
									H
									H
									H
	5292	-51.80	-25	-26.80	-73	-63.56	1.03	12.78	V
	7938	-48.18	-25	-23.18	-74.74	-58.61	1.19	11.63	V
	10584	-42.65	-25	-17.65	-73.33	-52.22	1.42	10.99	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)
Highest	5280	-53.10	-25	-28.10	-74.12	-64.84	1.02	12.76	H
	7920	-49.38	-25	-24.38	-75.74	-59.76	1.19	11.58	H
	10566	-43.96	-25	-18.96	-74.77	-53.56	1.42	11.02	H
									H
									H
									H
									H
	5280	-50.82	-25	-25.82	-71.98	-62.56	1.02	12.76	V
	7920	-48.81	-25	-23.81	-75.25	-59.19	1.19	11.58	V
	10566	-41.50	-25	-16.50	-72.19	-51.1	1.42	11.02	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)
Highest	5274	-50.91	-25	-25.91	-71.93	-62.64	1.02	12.75	H
	7911	-49.19	-25	-24.19	-75.55	-59.55	1.19	11.55	H
	10548	-42.58	-25	-17.58	-73.41	-52.22	1.42	11.06	H
									H
									H
									H
									H
	5274	-49.08	-25	-24.08	-70.25	-60.81	1.02	12.75	V
	7911	-49.11	-25	-24.11	-75.55	-59.47	1.19	11.55	V
	10548	-41.07	-25	-16.07	-71.78	-50.71	1.42	11.06	V
									V
									V
									V
									V

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