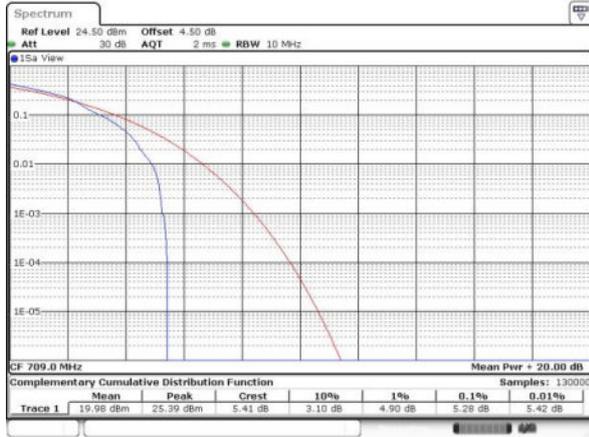




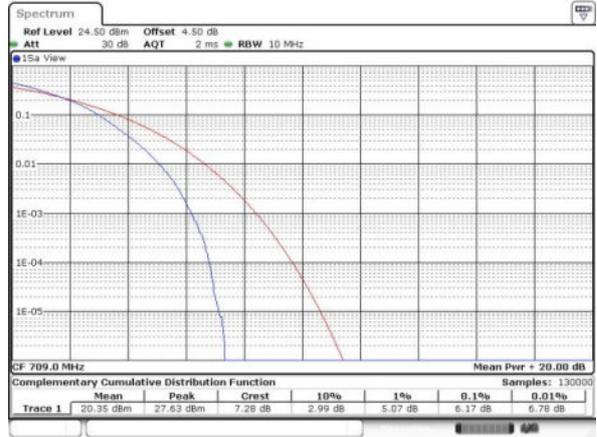
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



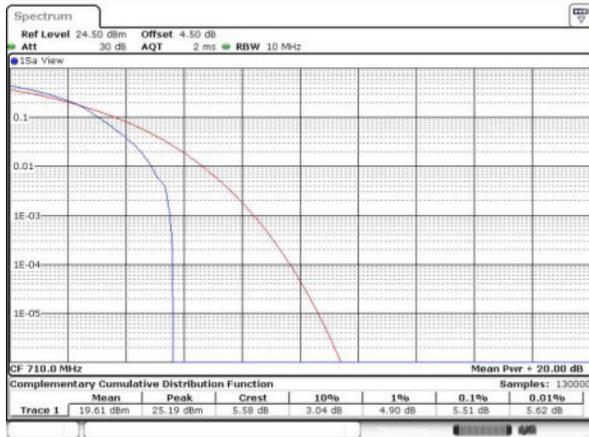
Date: 7 JUN 2016 13:36:04

Lowest Channel / Full RB



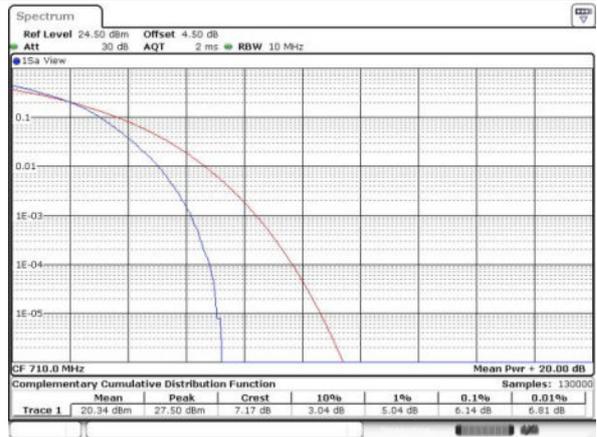
Date: 7 JUN 2016 13:36:14

Middle Channel / 1RB



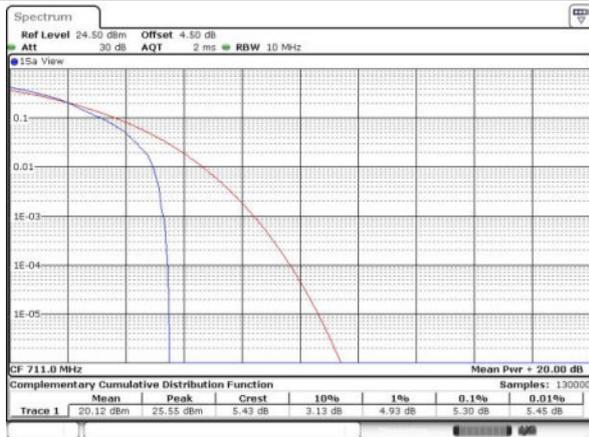
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Middle Channel / Full RB



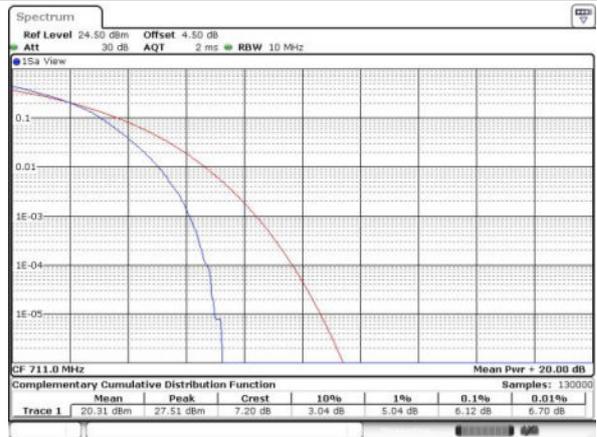
Date: 7 JUN 2016 13:36:37

Highest Channel / 1RB



Date: 7 JUN 2016 13:36:47

Highest Channel / Full RB



Date: 7 JUN 2016 13:36:56



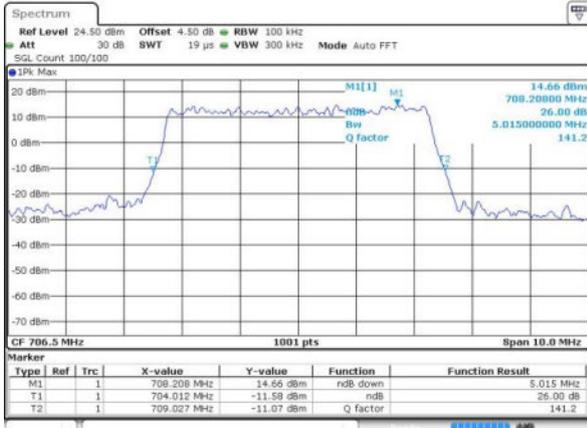
**26dB Bandwidth**

Mode	LTE Band 17 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.015	4.945	9.750	9.830	-	-	-	-
Middle CH	-	-	-	-	5.015	4.865	10.01	9.970	-	-	-	-
Highest CH	-	-	-	-	5.005	4.965	9.890	9.750	-	-	-	-



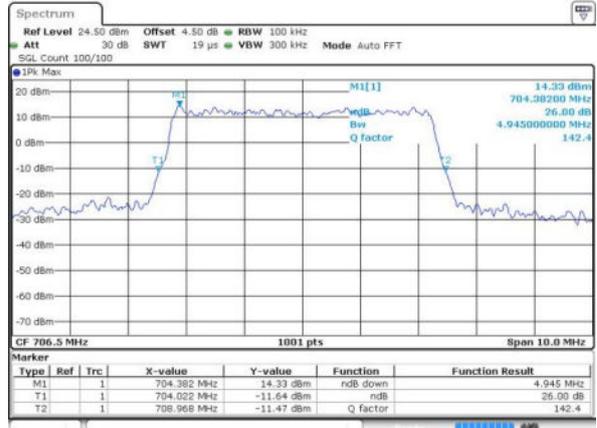
LTE Band 17

Lowest Channel / 5MHz / QPSK



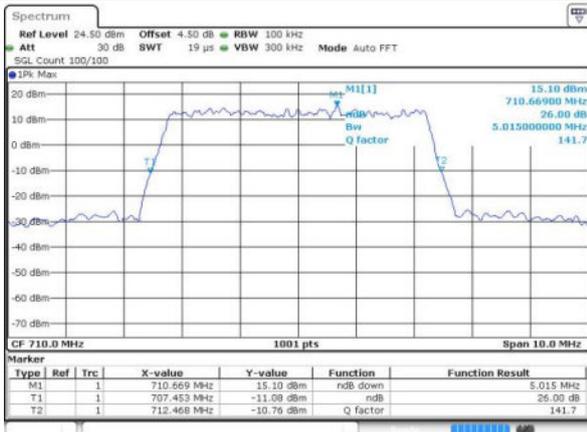
Date: 7 JUN 2016 11:54:37

Lowest Channel / 5MHz / 16QAM



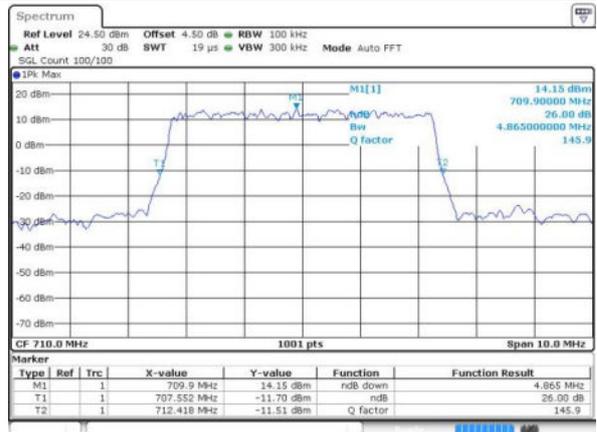
Date: 7 JUN 2016 11:54:47

Middle Channel / 5MHz / QPSK



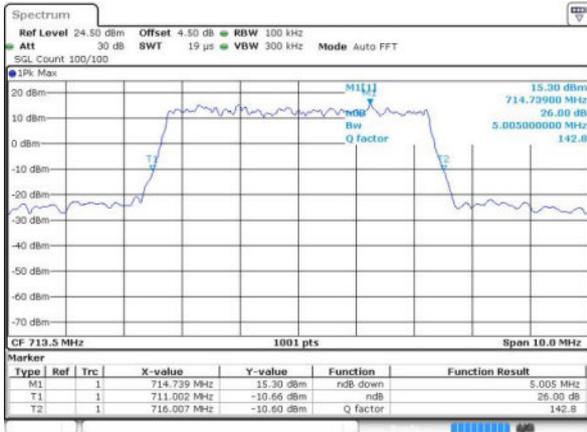
Date: 7 JUN 2016 12:01:40

Middle Channel / 5MHz / 16QAM



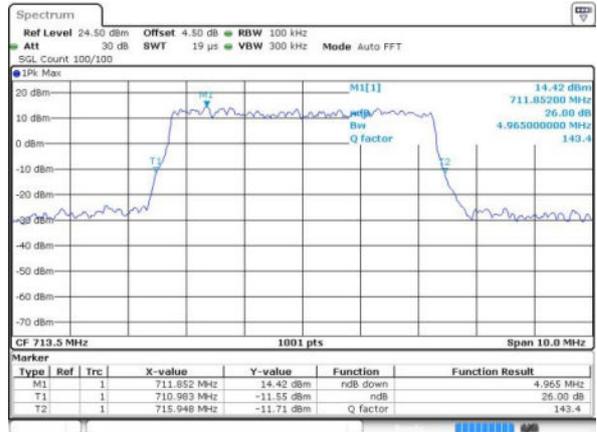
Date: 7 JUN 2016 13:39:30

Highest Channel / 5MHz / QPSK



Date: 7 JUN 2016 12:04:12

Highest Channel / 5MHz / 16QAM

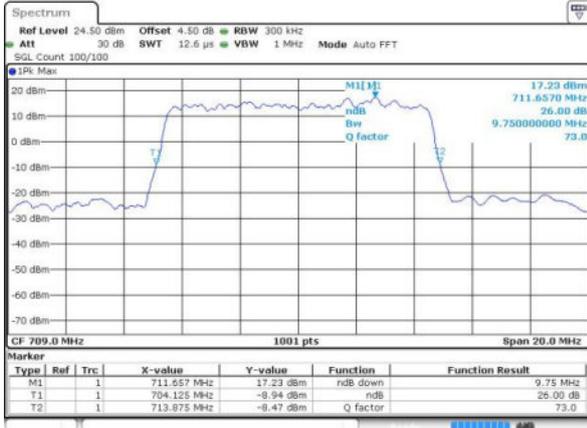


Date: 7 JUN 2016 12:04:22



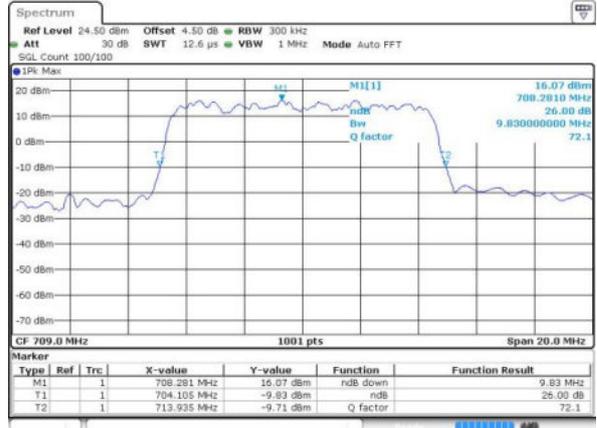
LTE Band 17

Lowest Channel / 10MHz / QPSK



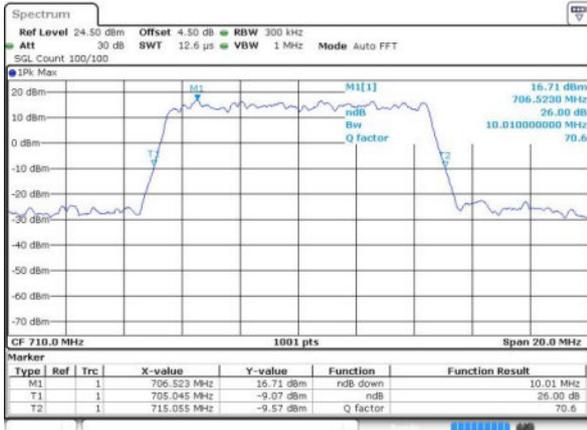
Date: 7 JUN 2016 12:11:15

Lowest Channel / 10MHz / 16QAM



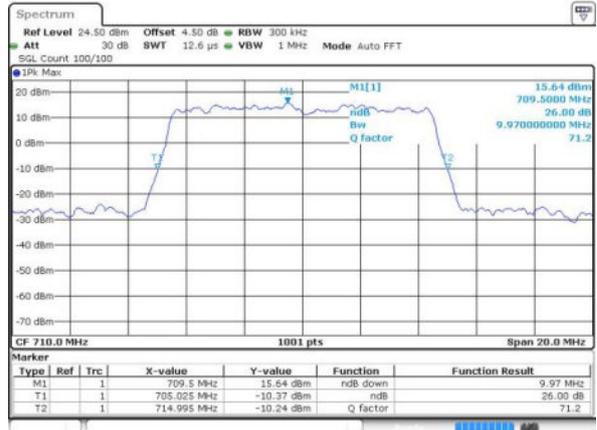
Date: 7 JUN 2016 12:11:25

Middle Channel / 10MHz / QPSK



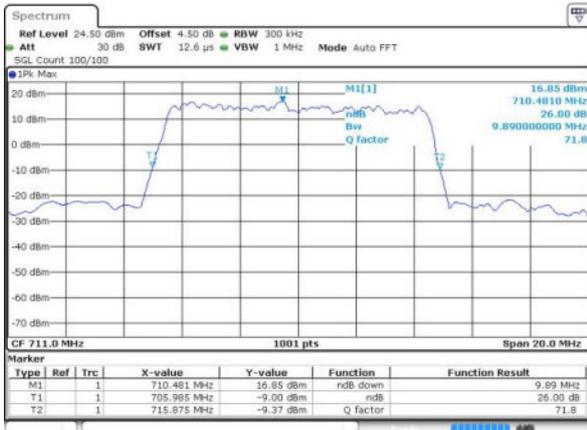
Date: 7 JUN 2016 12:18:18

Middle Channel / 10MHz / 16QAM



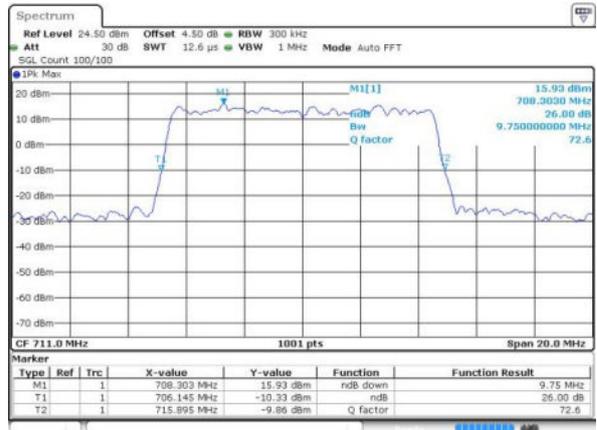
Date: 7 JUN 2016 12:18:29

Highest Channel / 10MHz / QPSK



Date: 7 JUN 2016 12:20:50

Highest Channel / 10MHz / 16QAM



Date: 7 JUN 2016 12:21:00



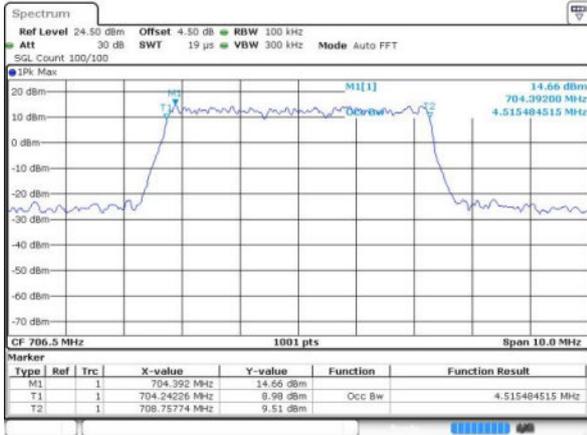
### Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.51	9.11	9.03	-	-	-	-
Middle CH	-	-	-	-	4.49	4.49	9.09	8.97	-	-	-	-
Highest CH	-	-	-	-	4.51	4.50	9.07	9.01	-	-	-	-



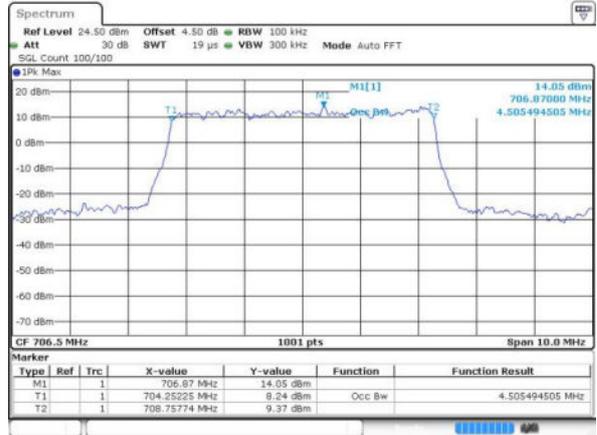
LTE Band 17

Lowest Channel / 5MHz / QPSK



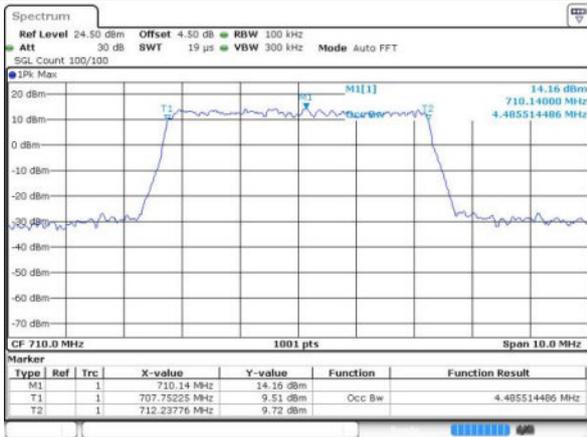
Date: 7 JUN 2016 11:54:16

Lowest Channel / 5MHz / 16QAM



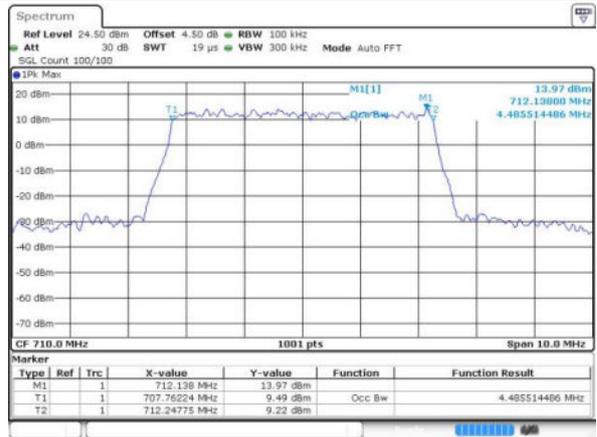
Date: 7 JUN 2016 11:54:27

Middle Channel / 5MHz / QPSK



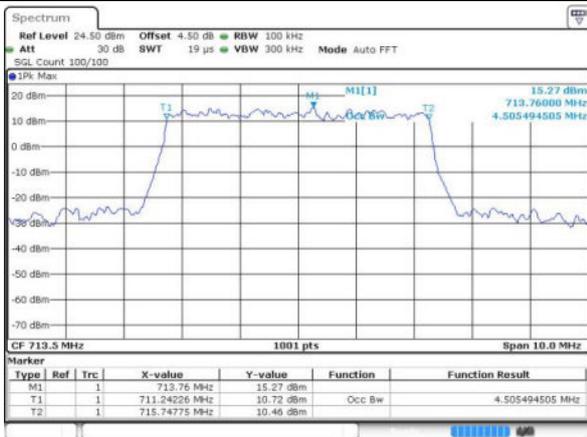
Date: 7 JUN 2016 12:01:19

Middle Channel / 5MHz / 16QAM



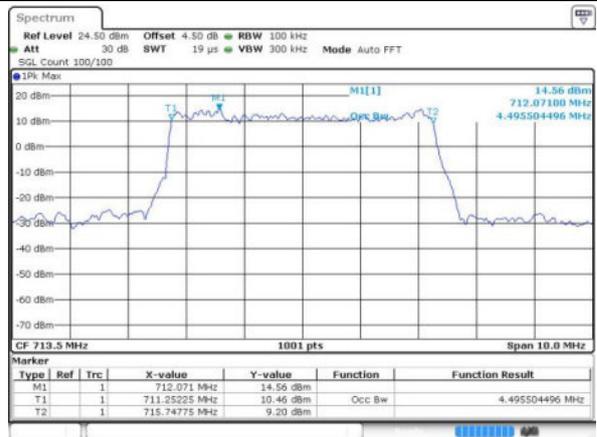
Date: 7 JUN 2016 13:40:41

Highest Channel / 5MHz / QPSK



Date: 7 JUN 2016 12:03:51

Highest Channel / 5MHz / 16QAM

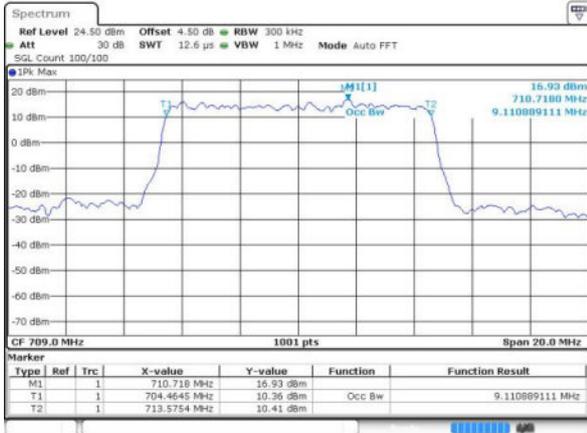


Date: 7 JUN 2016 12:04:01



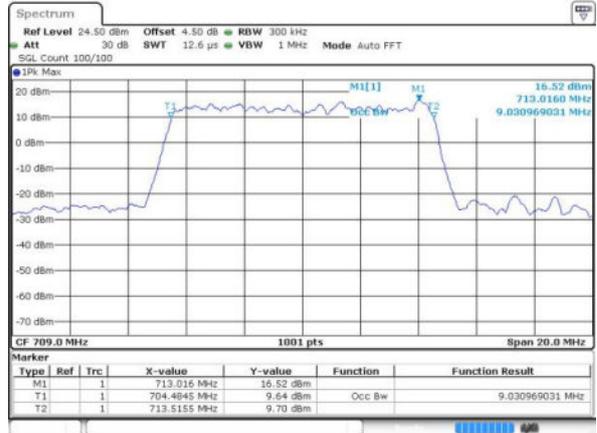
LTE Band 17

Lowest Channel / 10MHz / QPSK



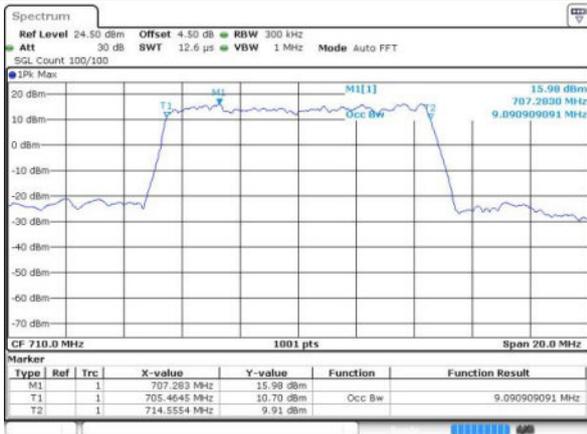
Date: 7 JUN 2016 12:10:54

Lowest Channel / 10MHz / 16QAM



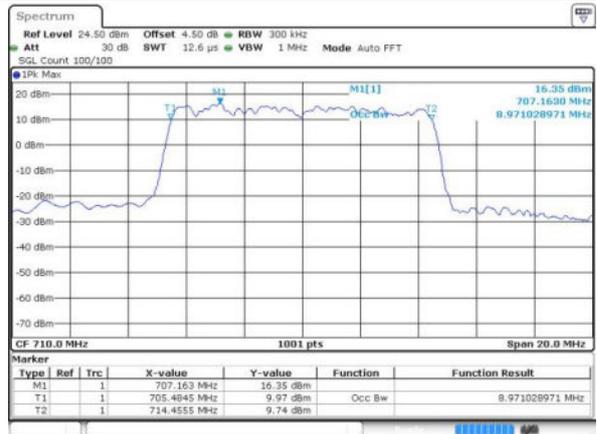
Date: 7 JUN 2016 12:11:05

Middle Channel / 10MHz / QPSK



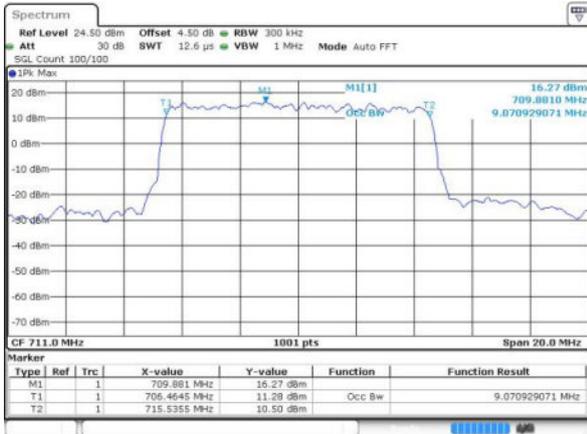
Date: 7 JUN 2016 12:17:58

Middle Channel / 10MHz / 16QAM



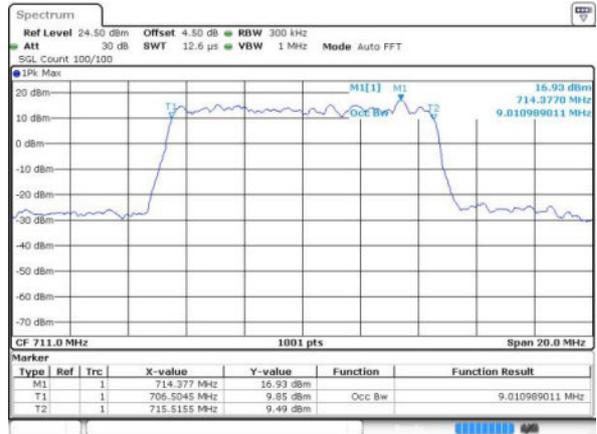
Date: 7 JUN 2016 12:16:08

Highest Channel / 10MHz / QPSK



Date: 7 JUN 2016 12:20:29

Highest Channel / 10MHz / 16QAM



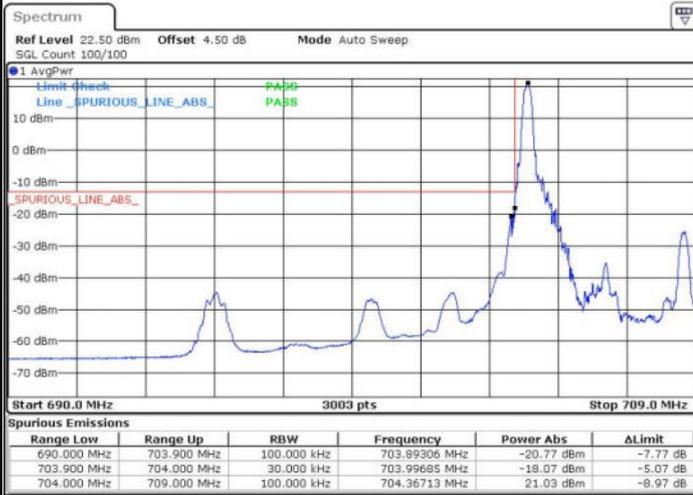
Date: 7 JUN 2016 12:20:40



# Conducted Band Edge

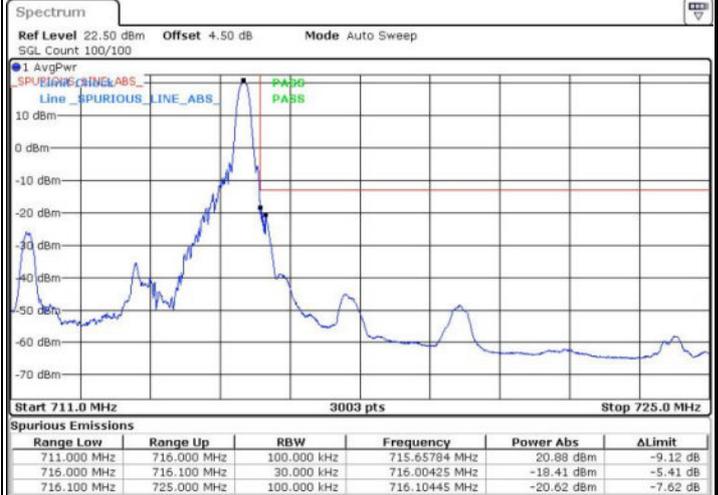
## LTE Band 17 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



Date: 7 JUN 2016 11:55:56

### Highest Band Edge / 1 RB



Date: 7 JUN 2016 12:05:30

### Lowest Band Edge / Full RB



Date: 7 JUN 2016 11:58:11

### Highest Band Edge / Full RB

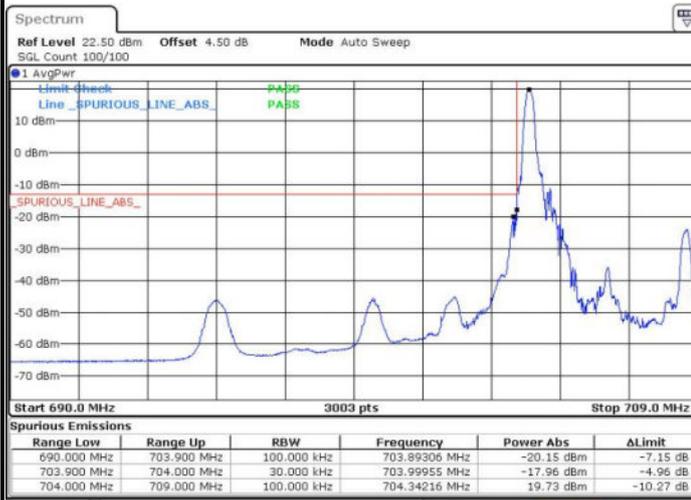


Date: 7 JUN 2016 12:07:46



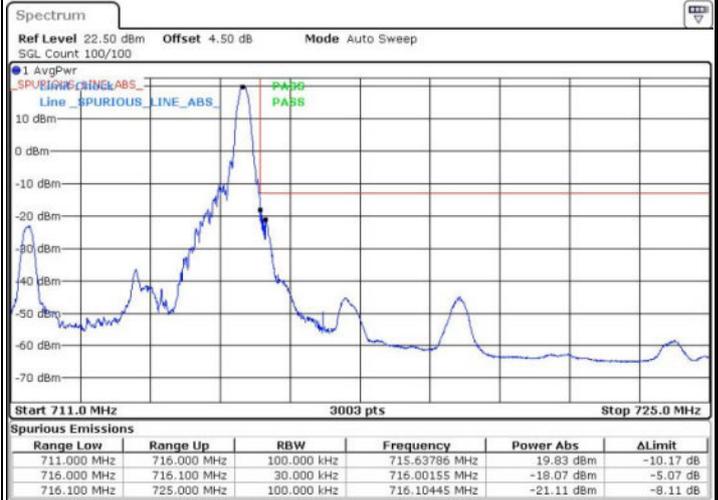
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 7 JUN 2016 11:57:04

Highest Band Edge / 1 RB



Date: 7 JUN 2016 12:06:38

Lowest Band Edge / Full RB



Date: 7 JUN 2016 11:59:19

Highest Band Edge / Full RB

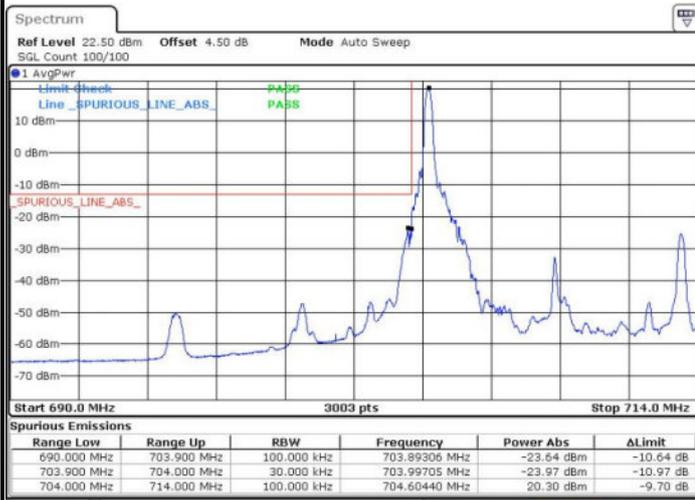


Date: 7 JUN 2016 12:06:54



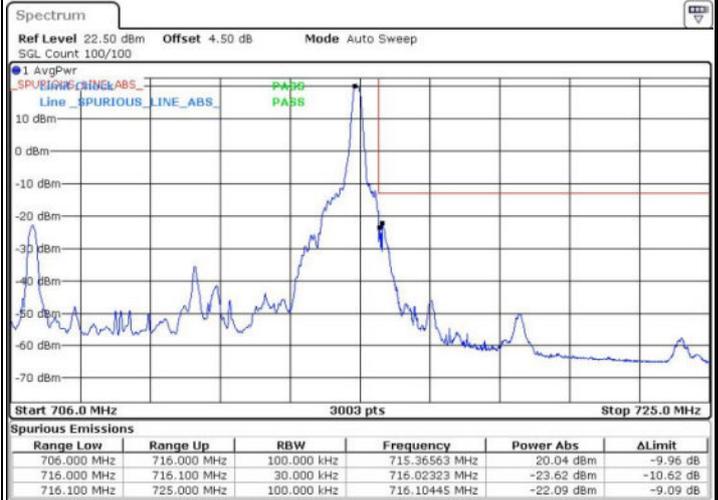
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



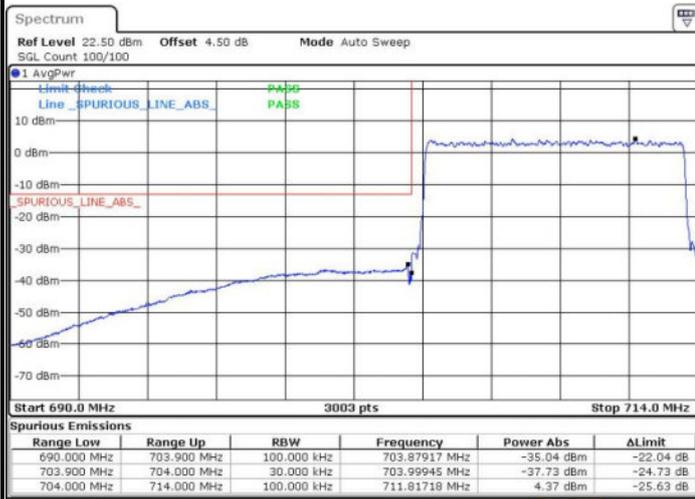
Date: 7 JUN 2016 12:12:34

Highest Band Edge / 1 RB



Date: 7 JUN 2016 12:22:09

Lowest Band Edge / Full RB



Date: 7 JUN 2016 12:14:50

Highest Band Edge / Full RB

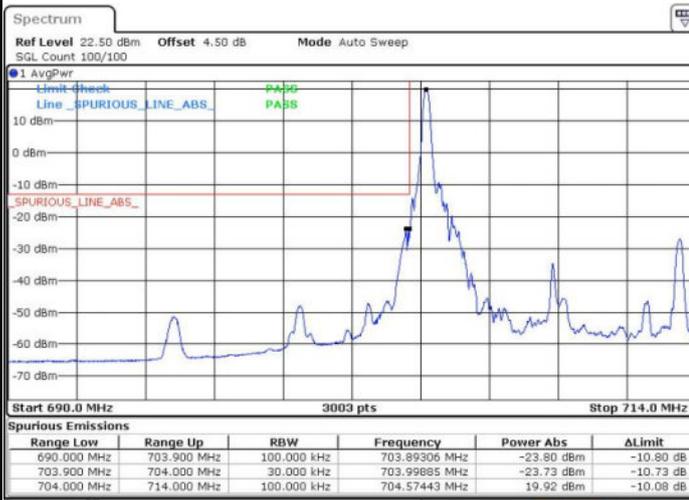


Date: 7 JUN 2016 12:24:24



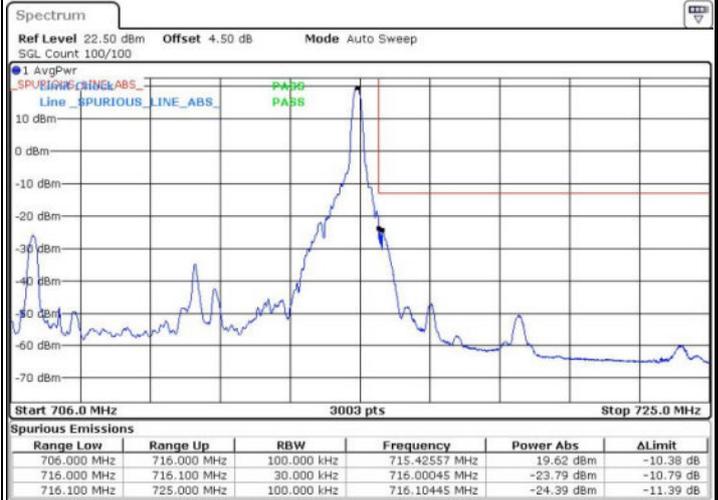
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 7 JUN 2016 12:13:42

Highest Band Edge / 1 RB



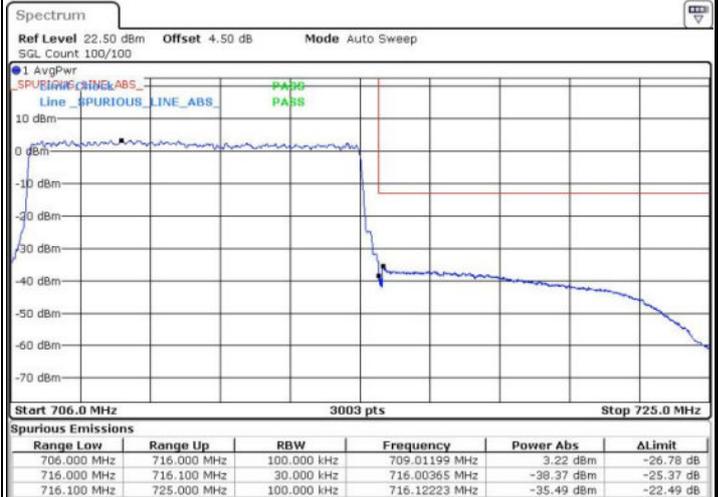
Date: 7 JUN 2016 12:23:17

Lowest Band Edge / Full RB



Date: 7 JUN 2016 12:15:58

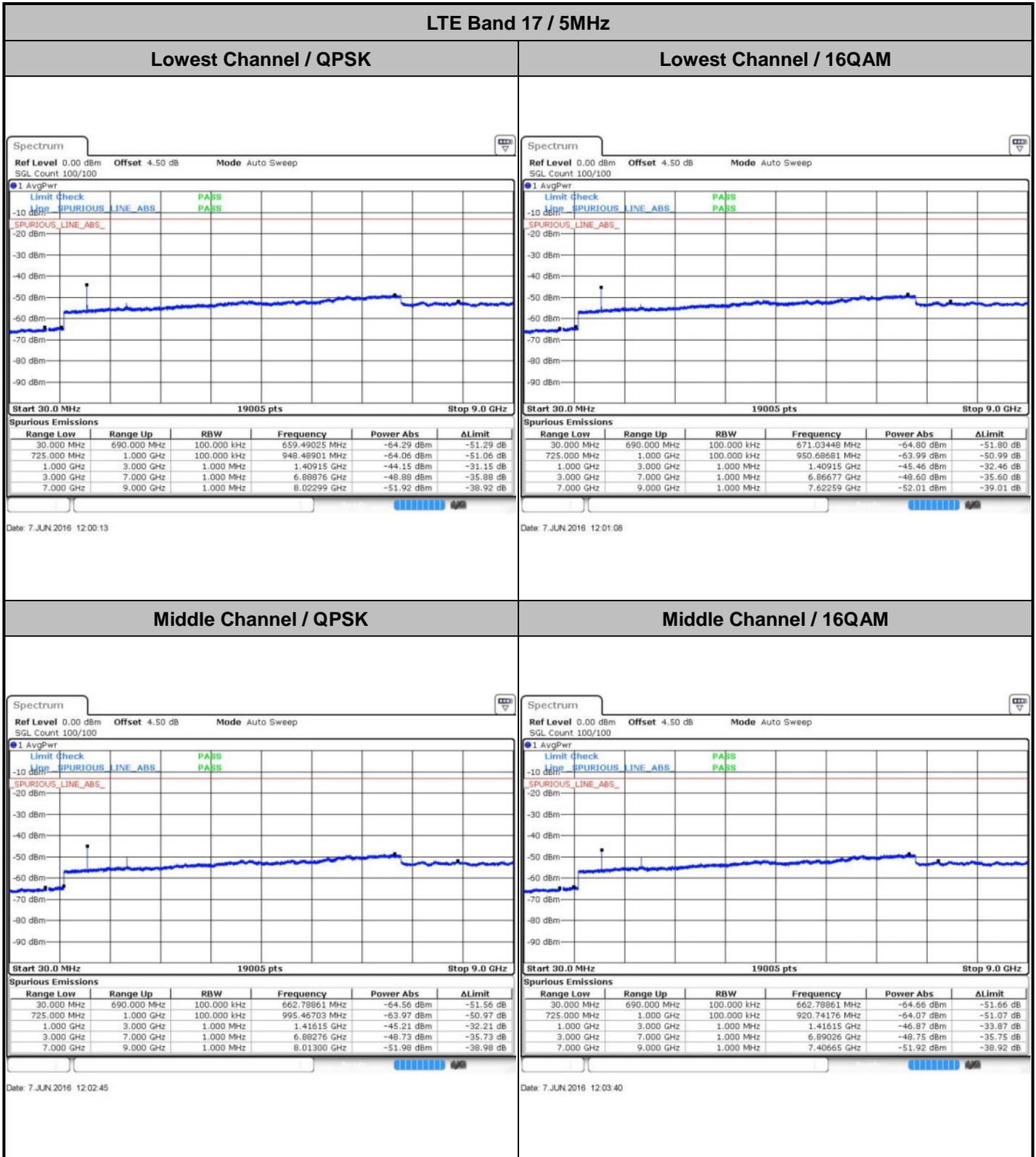
Highest Band Edge / Full RB



Date: 7 JUN 2016 12:25:32



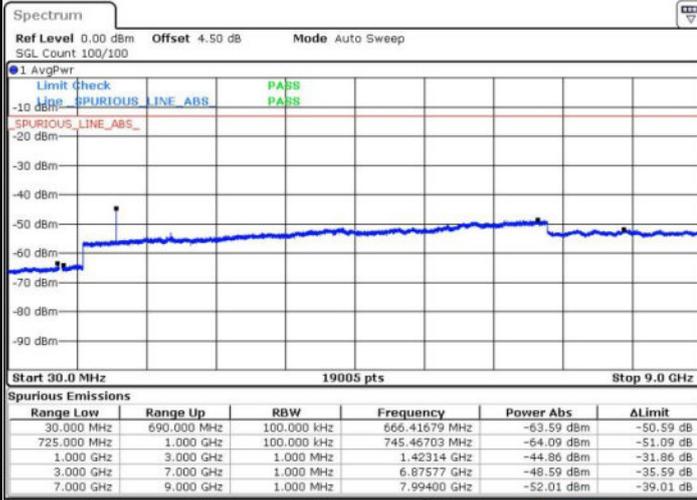
# Conducted Spurious Emission





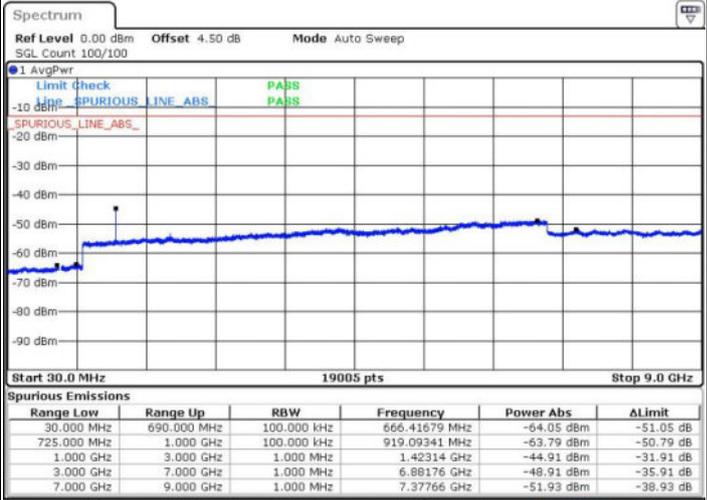
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 7 JUN 2016 12:09:48

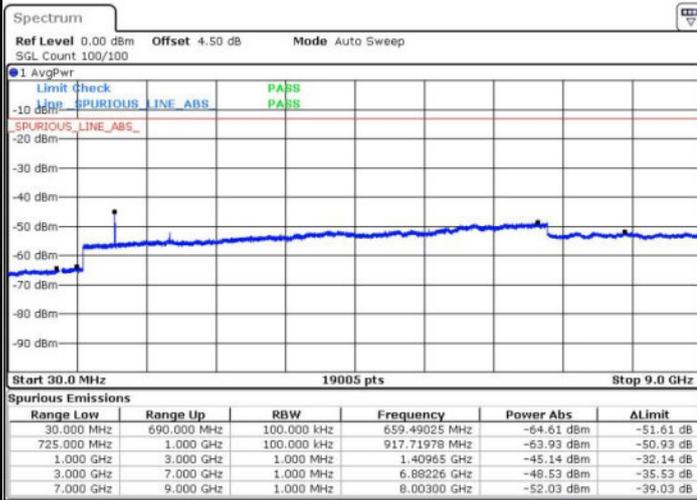
Highest Channel / 16QAM



Date: 7 JUN 2016 12:10:43

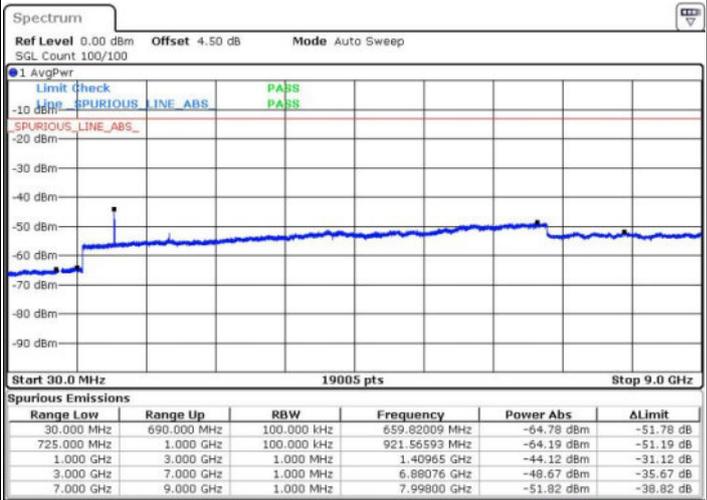
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 7 JUN 2016 12:16:52

Lowest Channel / 16QAM



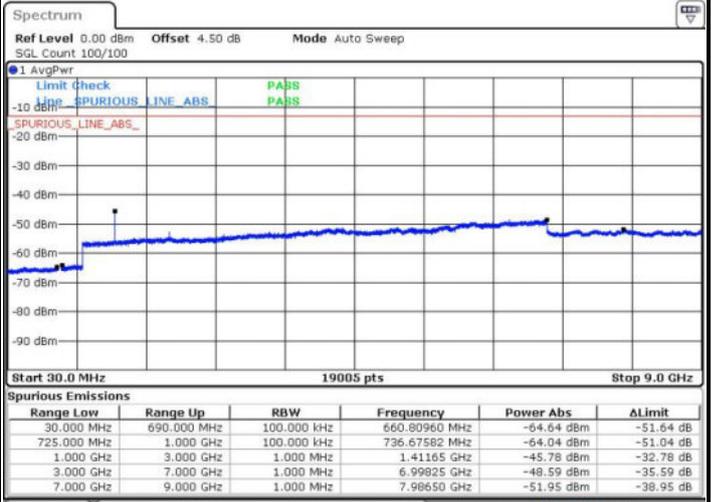
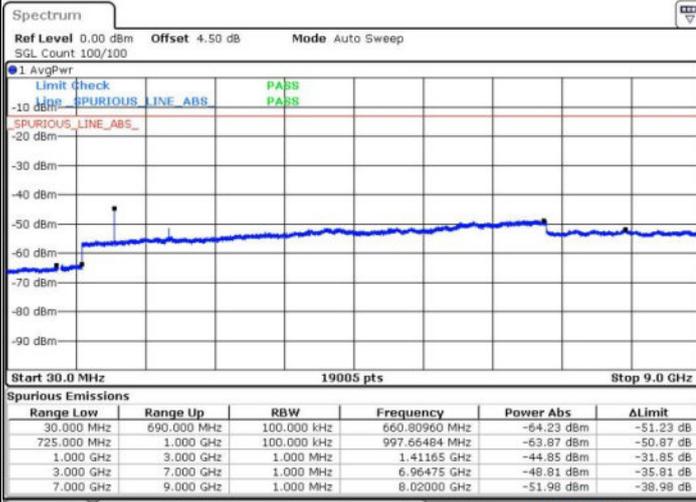
Date: 7 JUN 2016 12:17:46



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

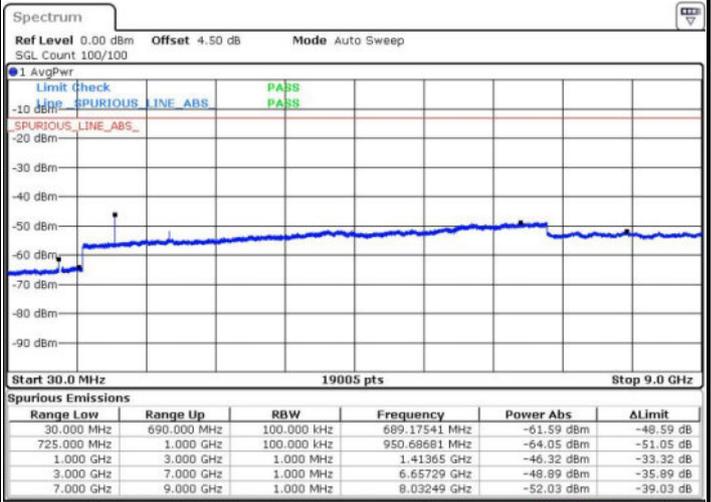
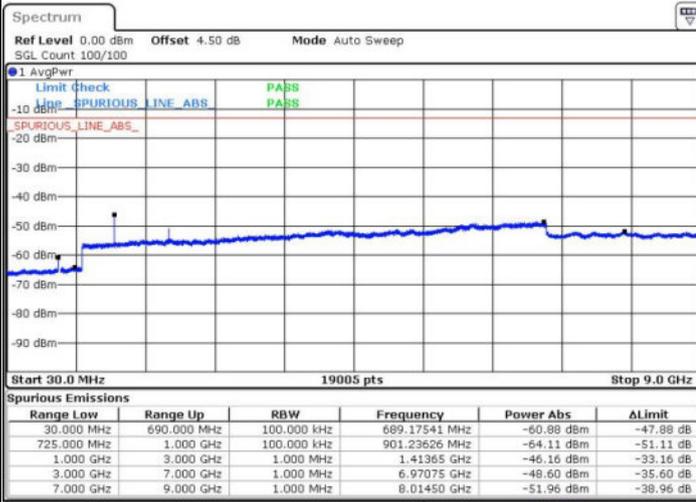


Date: 7 JUN 2016 12:19:23

Date: 7 JUN 2016 12:20:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7 JUN 2016 12:26:26

Date: 7 JUN 2016 12:27:21



### Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0077	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0100	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	22.09	0.1618	22.87	0.1936
Middle		3	0	21.75	0.1496	22.45	0.1758
Highest		3	0	21.39	0.1377	22.01	0.1589
Lowest	16QAM	1	5	21.03	0.1268	21.80	0.1514
Middle		1	0	20.92	0.1236	21.62	0.1452
Highest		1	3	20.52	0.1127	21.16	0.1306
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.02	0.1592	22.76	0.1888
Middle		1	8	21.61	0.1449	22.34	0.1714
Highest		1	8	21.31	0.1352	21.92	0.1556
Lowest	16QAM	1	8	21.11	0.1291	21.84	0.1528
Middle		1	0	20.89	0.1227	21.58	0.1439
Highest		1	8	20.53	0.1130	21.14	0.1300
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.11	0.1626	22.81	0.1910
Middle		1	0	21.69	0.1476	22.37	0.1726
Highest		1	0	21.53	0.1422	21.93	0.1560
Lowest	16QAM	1	12	21.17	0.1309	21.89	0.1545
Middle		1	24	20.70	0.1175	21.51	0.1416
Highest		1	0	20.82	0.1208	21.20	0.1318
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.05	0.1603	22.83	0.1919
Middle		1	0	21.78	0.1507	22.45	0.1758
Highest		1	0	21.59	0.1442	21.95	0.1567
Lowest	16QAM	1	25	21.26	0.1337	21.89	0.1545
Middle		1	49	20.58	0.1143	21.38	0.1374
Highest		1	49	20.46	0.1112	21.11	0.1291
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.07	0.1611	22.86	0.1932
Middle		1	0	22.02	0.1592	22.62	0.1828
Highest		1	0	21.55	0.1429	22.00	0.1585
Lowest	16QAM	1	0	21.14	0.1300	21.92	0.1556
Middle		1	74	20.52	0.1127	21.22	0.1324
Highest		1	37	20.86	0.1219	21.15	0.1303
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.09	0.1618	22.87	0.1936
Middle		1	0	22.26	0.1683	22.61	0.1824
Highest		1	0	21.52	0.1419	22.15	0.1641
Lowest	16QAM	1	0	21.15	0.1303	21.93	0.1560
Middle		1	99	20.61	0.1151	21.26	0.1337
Highest		1	99	20.51	0.1125	21.14	0.1300
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	26.45	0.4416	26.66	0.4634
Middle		3	0	26.03	0.4009	25.90	0.3890
Highest		3	0	26.44	0.4406	25.70	0.3715
Lowest	16QAM	1	3	25.60	0.3631	25.77	0.3776
Middle		1	3	25.16	0.3281	25.01	0.3170
Highest		1	3	25.44	0.3499	24.66	0.2924
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	26.46	0.4426	26.59	0.4560
Middle		1	8	25.90	0.3890	25.81	0.3811
Highest		1	8	26.31	0.4276	25.60	0.3631
Lowest	16QAM	1	8	25.68	0.3698	25.79	0.3793
Middle		1	0	25.24	0.3342	25.00	0.3162
Highest		1	8	25.42	0.3483	24.73	0.2972
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	26.38	0.4345	26.60	0.4571
Middle		1	12	25.92	0.3908	25.80	0.3802
Highest		1	12	26.20	0.4169	25.64	0.3664
Lowest	16QAM	1	12	25.72	0.3733	25.81	0.3811
Middle		1	12	25.16	0.3281	25.04	0.3192
Highest		1	12	25.32	0.3404	24.78	0.3006
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	26.41	0.4375	26.61	0.4581
Middle		1	0	26.38	0.4345	25.93	0.3917
Highest		1	49	26.38	0.4345	25.60	0.3631
Lowest	16QAM	1	0	25.63	0.3656	25.82	0.3819
Middle		1	0	25.58	0.3614	25.15	0.3273
Highest		1	25	25.23	0.3334	24.82	0.3034
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	26.46	0.4426	26.63	0.4603
Middle		1	0	26.47	0.4436	26.14	0.4111
Highest		1	74	26.38	0.4345	25.64	0.3664
Lowest	16QAM	1	0	25.66	0.3681	25.84	0.3837
Middle		1	0	25.63	0.3656	25.30	0.3388
Highest		1	37	25.21	0.3319	24.78	0.3006
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	26.52	0.4487	26.69	0.4667
Middle		1	0	26.68	0.4656	26.40	0.4365
Highest		1	0	25.90	0.3890	25.80	0.3802
Lowest	16QAM	1	0	25.71	0.3724	25.88	0.3873
Middle		1	0	25.81	0.3811	25.53	0.3573
Highest		1	99	25.49	0.3540	24.77	0.2999
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	16.54	0.0451	2.58	0.0018
Middle		3	0	16.87	0.0486	3.23	0.0021
Highest		3	0	18.12	0.0649	5.72	0.0037
Lowest	16QAM	1	3	15.86	0.0385	1.89	0.0015
Middle		1	3	16.10	0.0407	2.46	0.0018
Highest		1	0	17.20	0.0525	4.78	0.0030
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	16.58	0.0455	2.60	0.0018
Middle		1	8	16.84	0.0483	3.18	0.0021
Highest		1	0	17.80	0.0603	5.21	0.0033
Lowest	16QAM	1	8	15.91	0.0390	1.93	0.0016
Middle		1	8	16.13	0.0410	2.47	0.0018
Highest		1	0	17.08	0.0511	4.49	0.0028
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.32	0.0429	2.79	0.0019
Middle		1	0	16.60	0.0457	2.96	0.0020
Highest		1	0	17.54	0.0568	4.82	0.0030
Lowest	16QAM	1	12	15.93	0.0392	1.93	0.0016
Middle		1	0	15.81	0.0381	2.17	0.0016
Highest		1	12	17.13	0.0516	4.57	0.0029
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.55	0.0452	2.58	0.0018
Middle		1	0	16.56	0.0453	2.72	0.0019
Highest		1	0	17.03	0.0505	3.43	0.0022
Lowest	16QAM	1	25	15.92	0.0391	1.88	0.0015
Middle		1	0	15.74	0.0375	1.91	0.0016
Highest		1	25	16.82	0.0481	4.04	0.0025
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	19.41	0.0873	15.40	0.0347
Middle		1	0	20.09	0.1021	15.90	0.0389
Highest		1	12	18.79	0.0757	15.23	0.0333
Lowest	16QAM	1	12	19.06	0.0805	14.97	0.0314
Middle		1	12	19.16	0.0824	14.94	0.0312
Highest		1	12	18.26	0.0670	14.71	0.0296
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.85	0.1216	16.49	0.0446
Middle		1	25	19.62	0.0916	15.40	0.0347
Highest		1	49	18.80	0.0759	15.22	0.0333
Lowest	16QAM	1	25	19.35	0.0861	15.13	0.0326
Middle		1	49	19.40	0.0871	15.03	0.0318
Highest		1	49	18.16	0.0655	14.60	0.0288
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	21.26	0.1337	16.86	0.0485
Middle		1	74	20.43	0.1104	15.96	0.0394
Highest		1	0	20.94	0.1242	16.82	0.0481
Lowest	16QAM	1	74	20.38	0.1091	15.94	0.0393
Middle		1	37	18.96	0.0787	14.74	0.0298
Highest		1	74	18.31	0.0678	14.75	0.0299
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	21.26	0.1337	16.87	0.0486
Middle		1	99	21.04	0.1271	16.59	0.0456
Highest		1	99	18.97	0.0789	15.43	0.0349
Lowest	16QAM	1	99	20.43	0.1104	15.99	0.0397
Middle		1	0	19.67	0.0927	15.46	0.0352
Highest		1	0	20.45	0.1109	16.10	0.0407
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	17.20	0.0525	0.43	0.0011
Middle		1	5	17.23	0.0528	-0.04	0.0010
Highest		1	3	16.94	0.0494	-0.30	0.0009
Lowest	16QAM	1	3	16.37	0.0434	-0.42	0.0009
Middle		1	0	16.62	0.0459	-0.53	0.0009
Highest		1	3	16.21	0.0418	-1.02	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	17.01	0.0502	0.27	0.0011
Middle		1	14	17.11	0.0514	-0.19	0.0010
Highest		1	8	17.05	0.0507	-0.10	0.0010
Lowest	16QAM	1	8	16.31	0.0428	-0.46	0.0009
Middle		1	8	16.60	0.0457	-0.65	0.0009
Highest		1	8	16.30	0.0427	-0.84	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	16.93	0.0493	0.37	0.0011
Middle		1	0	17.24	0.0530	0.51	0.0011
Highest		1	0	16.95	0.0495	-0.12	0.0010
Lowest	16QAM	1	24	16.23	0.0420	-0.40	0.0009
Middle		1	0	16.55	0.0452	-0.19	0.0010
Highest		1	12	16.25	0.0422	-0.76	0.0008
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	16.97	0.0498	0.40	0.0011
Middle		1	25	17.33	0.0541	0.12	0.0010
Highest		1	25	16.92	0.0492	-0.18	0.0010
Lowest	16QAM	1	25	16.24	0.0421	-0.33	0.0009
Middle		1	0	16.24	0.0421	-0.31	0.0009
Highest		1	25	16.21	0.0418	-0.87	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.56	0.0453	-1.53	0.0007
Middle		1	0	16.44	0.0441	-1.67	0.0007
Highest		1	0	16.38	0.0435	-0.59	0.0009
Lowest	16QAM	1	24	15.72	0.0373	-2.24	0.0006
Middle		1	12	15.75	0.0376	-2.22	0.0006
Highest		1	0	15.69	0.0371	-1.22	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	25	16.34	0.0431	-0.49	0.0009
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	15.72	0.0373	-2.26	0.0006
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.95	0.0495	1.19	0.0013
Middle		1	0	17.13	0.0516	0.42	0.0011
Highest		1	24	16.85	0.0484	0.27	0.0011
Lowest	16QAM	1	24	16.40	0.0437	-0.19	0.0010
Middle		1	12	16.28	0.0425	-0.57	0.0009
Highest		1	12	16.23	0.0420	-0.08	0.0010
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.01	0.0502	-1.14	0.0008
Middle		1	25	16.91	0.0491	-1.18	0.0008
Highest		1	25	16.90	0.0490	0.47	0.0011
Lowest	16QAM	1	49	16.32	0.0429	-0.60	0.0009
Middle		1	49	16.20	0.0417	-1.77	0.0007
Highest		1	49	16.31	0.0428	-0.46	0.0009
Limit	ERP < 3W			Result		PASS	



### Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-57.63	-13	-44.63	-70.40	-64.82	0.81	8.00	H
	5550.48	-42.04	-13	-29.04	-60.79	-52.03	1.01	11.00	H
	7400.64	-51.69	-13	-38.69	-73.86	-63.93	1.46	13.70	H
	3700.32	-54.40	-13	-41.40	-67.47	-61.59	0.81	8	V
	5550.48	-42.73	-13	-29.73	-61.79	-52.72	1.01	11	V
	7400.64	-48.80	-13	-35.80	-71.29	-61.04	1.46	13.7	V
Middle	3758.92	-55.70	-13	-42.70	-68.47	-62.89	0.81	8.00	H
	5638.38	-38.95	-13	-25.95	-58.34	-48.94	1.01	11.00	H
	7517.84	-52.20	-13	-39.20	-74.37	-64.44	1.46	13.70	H
	3758.92	-55.93	-13	-42.93	-69	-63.12	0.81	8	V
	5638.38	-37.35	-13	-24.35	-57.21	-47.34	1.01	11	V
	7517.84	-50.36	-13	-37.36	-72.85	-62.60	1.46	13.7	V
Highest	3817.52	-56.67	-13	-43.67	-69.44	-63.86	0.81	8.00	H
	5726.28	-42.20	-13	-29.20	-60.95	-52.19	1.01	11.00	H
	7635.04	-51.13	-13	-38.13	-73.30	-63.37	1.46	13.70	H
	3817.52	-56.48	-13	-43.48	-69.55	-63.67	0.81	8	V
	5726.28	-37.31	-13	-24.31	-57.18	-47.30	1.01	11	V
	7635.04	-49.08	-13	-36.08	-71.57	-61.32	1.46	13.7	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-57.16	-13	-44.16	-69.93	-64.35	0.81	8.00	H
	5550.72	-42.17	-13	-29.17	-60.92	-52.16	1.01	11.00	H
	7400.96	-51.49	-13	-38.49	-73.66	-63.73	1.46	13.70	H
	3700.48	-54.94	-13	-41.94	-68.01	-62.13	0.81	8	V
	5550.72	-41.35	-13	-28.35	-60.41	-51.34	1.01	11	V
	7400.96	-50.40	-13	-37.40	-72.89	-62.64	1.46	13.7	V
Middle	3758.92	-55.27	-13	-42.27	-68.04	-62.46	0.81	8.00	H
	5638.38	-40.27	-13	-27.27	-59.02	-50.26	1.01	11.00	H
	7517.84	-52.15	-13	-39.15	-74.32	-64.39	1.46	13.70	H
	3758.92	-56.78	-13	-43.78	-69.85	-63.97	0.81	8	V
	5638.38	-40.24	-13	-27.24	-59.3	-50.23	1.01	11	V
	7517.84	-49.69	-13	-36.69	-72.18	-61.93	1.46	13.7	V
Highest	3814.48	-55.86	-13	-42.86	-68.63	-63.05	0.81	8.00	H
	5721.72	-41.50	-13	-28.50	-60.25	-51.49	1.01	11.00	H
	7628.96	-51.31	-13	-38.31	-73.48	-63.55	1.46	13.70	H
	3814.48	-57.29	-13	-44.29	-70.36	-64.48	0.81	8	V
	5721.72	-34.95	-13	-21.95	-55.43	-44.94	1.01	11	V
	7628.96	-50.92	-13	-37.92	-73.41	-63.16	1.46	13.7	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-57.34	-13	-44.34	-70.11	-64.53	0.81	8.00	H
	5551.02	-43.00	-13	-30.00	-61.75	-52.99	1.01	11.00	H
	7401.36	-51.55	-13	-38.55	-73.72	-63.79	1.46	13.70	H
	3700.68	-55.73	-13	-42.73	-68.8	-62.92	0.81	8	V
	5551.02	-40.32	-13	-27.32	-59.38	-50.31	1.01	11	V
	7401.36	-49.89	-13	-36.89	-72.38	-62.13	1.46	13.7	V
Middle	3755.68	-55.59	-13	-42.59	-68.36	-62.78	0.81	8.00	H
	5633.52	-40.91	-13	-27.91	-59.66	-50.90	1.01	11.00	H
	7511.36	-49.58	-13	-36.58	-71.75	-61.82	1.46	13.70	H
	3755.68	-54.51	-13	-41.51	-67.58	-61.70	0.81	8	V
	5633.52	-36.27	-13	-23.27	-56.43	-46.26	1.01	11	V
	7511.36	-50.22	-13	-37.22	-72.71	-62.46	1.46	13.7	V
Highest	3808	-55.26	-13	-42.26	-68.03	-62.45	0.81	8.00	H
	5716	-38.97	-13	-25.97	-58.36	-48.96	1.01	11.00	H
	7620	-51.26	-13	-38.26	-73.43	-63.50	1.46	13.70	H
	3808	-56.39	-13	-43.39	-69.46	-63.58	0.81	8	V
	5716	-35.59	-13	-22.59	-55.93	-45.58	1.01	11	V
	7620	-50.38	-13	-37.38	-72.87	-62.62	1.46	13.7	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3701.18	-57.81	-13	-44.81	-70.58	-65.00	0.81	8.00	H
	5551.77	-43.59	-13	-30.59	-62.34	-53.58	1.01	11.00	H
	7402.36	-49.99	-13	-36.99	-72.16	-62.23	1.46	13.70	H
	3701.18	-54.16	-13	-41.16	-67.23	-61.35	0.81	8	V
	5551.77	-41.37	-13	-28.37	-60.43	-51.36	1.01	11	V
	7402.36	-49.81	-13	-36.81	-72.3	-62.05	1.46	13.7	V
Middle	3751.18	-55.93	-13	-42.93	-68.70	-63.12	0.81	8.00	H
	5626.77	-40.78	-13	-27.78	-59.53	-50.77	1.01	11.00	H
	7502.36	-52.22	-13	-39.22	-74.39	-64.46	1.46	13.70	H
	3751.18	-54.62	-13	-41.62	-67.69	-61.81	0.81	8	V
	5626.77	-38.11	-13	-25.11	-57.81	-48.10	1.01	11	V
	7502.36	-50.48	-13	-37.48	-72.97	-62.72	1.46	13.7	V
Highest	3801.18	-55.55	-13	-42.55	-68.32	-62.74	0.81	8.00	H
	5701.77	-38.99	-13	-25.99	-58.37	-48.98	1.01	11.00	H
	7602.36	-51.40	-13	-38.40	-73.57	-63.64	1.46	13.70	H
	3801.18	-55.62	-13	-42.62	-68.69	-62.81	0.81	8	V
	5701.77	-35.62	-13	-22.62	-55.95	-45.61	1.01	11	V
	7602.36	-49.70	-13	-36.70	-72.19	-61.94	1.46	13.7	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3701.68	-57.86	-13	-44.86	-70.63	-65.05	0.81	8.00	H
	5552.52	-41.36	-13	-28.36	-60.11	-51.35	1.01	11.00	H
	7403.36	-51.28	-13	-38.28	-73.45	-63.52	1.46	13.70	H
	3701.68	-56.06	-13	-43.06	-69.13	-63.25	0.81	8	V
	5552.52	-43.40	-13	-30.40	-62.46	-53.39	1.01	11	V
	7403.36	-49.54	-13	-36.54	-72.03	-61.78	1.46	13.7	V
Middle	3746.68	-55.95	-13	-42.95	-68.72	-63.14	0.81	8.00	H
	5620.02	-37.19	-13	-24.19	-56.94	-47.18	1.01	11.00	H
	7493.36	-50.93	-13	-37.93	-73.10	-63.17	1.46	13.70	H
	3746.68	-55.40	-13	-42.40	-68.47	-62.59	0.81	8	V
	5620.02	-36.18	-13	-23.18	-56.37	-46.17	1.01	11	V
	7493.36	-50.19	-13	-37.19	-72.68	-62.43	1.46	13.7	V
Highest	3791.68	-55.08	-13	-42.08	-67.85	-62.27	0.81	8.00	H
	5687.52	-39.86	-13	-26.86	-58.70	-49.85	1.01	11.00	H
	7583.36	-50.22	-13	-37.22	-72.39	-62.46	1.46	13.70	H
	3791.68	-55.69	-13	-42.69	-68.76	-62.88	0.81	8	V
	5687.52	-37.24	-13	-24.24	-57.12	-47.23	1.01	11	V
	7583.36	-50.06	-13	-37.06	-72.55	-62.30	1.46	13.7	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3702.18	-57.12	-13	-44.12	-69.89	-64.31	0.81	8.00	H
	5553.27	-42.15	-13	-29.15	-60.90	-52.14	1.01	11.00	H
	7404.36	-49.65	-13	-36.65	-71.82	-61.89	1.46	13.70	H
	3702.18	-55.82	-13	-42.82	-68.89	-63.01	0.81	8	V
	5553.27	-41.59	-13	-28.59	-60.65	-51.58	1.01	11	V
	7404.36	-48.34	-13	-35.34	-70.83	-60.58	1.46	13.7	V
Middle	3742.18	-55.46	-13	-42.46	-68.23	-62.65	0.81	8.00	H
	5613.27	-37.40	-13	-24.40	-57.11	-47.39	1.01	11.00	H
	7484.36	-51.22	-13	-38.22	-73.39	-63.46	1.46	13.70	H
	3742.18	-55.13	-13	-42.13	-68.2	-62.32	0.81	8	V
	5613.27	-37.41	-13	-24.41	-57.26	-47.40	1.01	11	V
	7484.36	-49.05	-13	-36.05	-71.54	-61.29	1.46	13.7	V
Highest	3782.18	-56.35	-13	-43.35	-69.12	-63.54	0.81	8.00	H
	5673.27	-41.63	-13	-28.63	-60.38	-51.62	1.01	11.00	H
	7564.36	-51.38	-13	-38.38	-73.55	-63.62	1.46	13.70	H
	3782.18	-56.89	-13	-43.89	-69.96	-64.08	0.81	8	V
	5673.27	-38.15	-13	-25.15	-57.83	-48.14	1.01	11	V
	7564.36	-50.83	-13	-37.83	-73.32	-63.07	1.46	13.7	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3420.32	-49.80	-13	-36.80	-64.55	-56.22	6.18	12.60	H
	5130.48	-42.32	-13	-29.32	-60.32	-47.28	7.74	12.70	H
	6840.64	-47.47	-13	-34.47	-66.28	-50.17	9	11.70	H
	3420.32	-54.18	-13	-41.18	-65.13	-60.60	6.18	12.60	V
	5130.48	-43.77	-13	-30.77	-58.13	-48.73	7.74	12.70	V
	6840.64	-50.00	-13	-37.00	-66.71	-52.70	9	11.70	V
Middle	3463.74	-50.23	-13	-37.23	-64.98	-56.65	6.18	12.60	H
	5195.61	-39.73	-13	-26.73	-57.73	-44.69	7.74	12.70	H
	6927.48	-43.35	-13	-30.35	-62.16	-46.05	9	11.70	H
	3463.74	-54.50	-13	-41.50	-65.45	-60.92	6.18	12.60	V
	5195.61	-39.68	-13	-26.68	-55.84	-44.64	7.74	12.70	V
	6927.48	-49.66	-13	-36.66	-66.37	-52.36	9	11.70	V
Highest	3507.52	-51.19	-13	-38.19	-65.94	-57.61	6.18	12.60	H
	5261.28	-38.63	-13	-25.63	-56.63	-43.59	7.74	12.70	H
	7015.04	-42.79	-13	-29.79	-61.60	-45.49	9	11.70	H
	3507.52	-54.97	-13	-41.97	-65.92	-61.39	6.18	12.60	V
	5261.28	-36.13	-13	-23.13	-53.35	-41.09	7.74	12.70	V
	7015.04	-48.84	-13	-35.84	-65.55	-51.54	9	11.70	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3420.48	-49.72	-13	-36.72	-64.47	-56.14	6.18	12.60	H
	5130.72	-42.19	-13	-29.19	-60.19	-47.15	7.74	12.70	H
	6840.96	-46.25	-13	-33.25	-65.06	-48.95	9	11.70	H
	3420.48	-54.79	-13	-41.79	-65.74	-61.21	6.18	12.60	V
	5130.72	-39.77	-13	-26.77	-55.94	-44.73	7.74	12.70	V
	6840.96	-48.85	-13	-35.85	-65.56	-51.55	9	11.70	V
Middle	3462.48	-50.97	-13	-37.97	-65.72	-57.39	6.18	12.60	H
	5193.72	-38.62	-13	-25.62	-56.62	-43.58	7.74	12.70	H
	6924.96	-42.19	-13	-29.19	-61.00	-44.89	9	11.70	H
	3462.48	-53.94	-13	-40.94	-64.89	-60.36	6.18	12.60	V
	5193.72	-39.72	-13	-26.72	-55.88	-44.68	7.74	12.70	V
	6924.96	-49.09	-13	-36.09	-65.8	-51.79	9	11.70	V
Highest	3504.48	-50.93	-13	-37.93	-65.68	-57.35	6.18	12.60	H
	5256.72	-40.56	-13	-27.56	-58.56	-45.52	7.74	12.70	H
	7008.96	-44.57	-13	-31.57	-63.38	-47.27	9	11.70	H
	3504.48	-54.93	-13	-41.93	-65.88	-61.35	6.18	12.60	V
	5256.72	-39.10	-13	-26.10	-55.24	-44.06	7.74	12.70	V
	7008.96	-50.53	-13	-37.53	-67.24	-53.23	9	11.70	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3420.68	-48.58	-13	-35.58	-63.33	-55.00	6.18	12.60	H
	5131.02	-41.12	-13	-28.12	-59.12	-46.08	7.74	12.70	H
	6841.36	-45.72	-13	-32.72	-64.53	-48.42	9	11.70	H
	3420.68	-53.49	-13	-40.49	-64.44	-59.91	6.18	12.60	V
	5131.02	-44.12	-13	-31.12	-58.33	-49.08	7.74	12.70	V
	6841.36	-49.28	-13	-36.28	-65.99	-51.98	9	11.70	V
Middle	3460.68	-50.61	-13	-37.61	-65.36	-57.03	6.18	12.60	H
	5191.02	-38.80	-13	-25.80	-56.80	-43.76	7.74	12.70	H
	6921.36	-43.91	-13	-30.91	-62.72	-46.61	9	11.70	H
	3460.68	-54.24	-13	-41.24	-65.19	-60.66	6.18	12.60	V
	5191.02	-35.58	-13	-22.58	-52.94	-40.54	7.74	12.70	V
	6921.36	-46.31	-13	-33.31	-63.02	-49.01	9	11.70	V
Highest	3500.68	-51.26	-13	-38.26	-66.01	-57.68	6.18	12.60	H
	5251.02	-39.92	-13	-26.92	-57.92	-44.88	7.74	12.70	H
	7001.36	-43.89	-13	-30.89	-62.70	-46.59	9	11.70	H
	3500.68	-54.78	-13	-41.78	-65.73	-61.20	6.18	12.60	V
	5251.02	-39.76	-13	-26.76	-55.93	-44.72	7.74	12.70	V
	7001.36	-50.12	-13	-37.12	-66.83	-52.82	9	11.70	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3421.18	-49.83	-13	-36.83	-64.58	-56.25	6.18	12.60	H
	5131.77	-43.05	-13	-30.05	-61.05	-48.01	7.74	12.70	H
	6842.36	-46.31	-13	-33.31	-65.12	-49.01	9	11.70	H
	3421.18	-54.58	-13	-41.58	-65.53	-61.00	6.18	12.60	V
	5131.77	-46.14	-13	-33.14	-59.15	-51.10	7.74	12.70	V
	6842.36	-49.13	-13	-36.13	-65.84	-51.83	9	11.70	V
Middle	3456.18	-49.84	-13	-36.84	-64.59	-56.26	6.18	12.60	H
	5184.27	-40.78	-13	-27.78	-58.78	-45.74	7.74	12.70	H
	6912.36	-43.85	-13	-30.85	-62.66	-46.55	9	11.70	H
	3456.18	-54.17	-13	-41.17	-65.12	-60.59	6.18	12.60	V
	5184.27	-40.66	-13	-27.66	-56.48	-45.62	7.74	12.70	V
	6912.36	-48.47	-13	-35.47	-65.18	-51.17	9	11.70	V
Highest	3491.18	-50.24	-13	-37.24	-64.99	-56.66	6.18	12.60	H
	5236.77	-42.11	-13	-29.11	-60.11	-47.07	7.74	12.70	H
	6982.36	-44.63	-13	-31.63	-63.44	-47.33	9	11.70	H
	3491.18	-53.54	-13	-40.54	-64.49	-59.96	6.18	12.60	V
	5236.77	-42.42	-13	-29.42	-57.19	-47.38	7.74	12.70	V
	6982.36	-51.62	-13	-38.62	-68.33	-54.32	9	11.70	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3421.68	-50.30	-13	-37.30	-65.05	-56.72	6.18	12.60	H
	5132.52	-42.75	-13	-29.75	-60.75	-47.71	7.74	12.70	H
	6843.36	-46.17	-13	-33.17	-64.98	-48.87	9	11.70	H
	3421.68	-53.52	-13	-40.52	-64.47	-59.94	6.18	12.60	V
	5132.52	-40.48	-13	-27.48	-56.4	-45.44	7.74	12.70	V
	6843.36	-50.63	-13	-37.63	-67.34	-53.33	9	11.70	V
Middle	3451.68	-50.82	-13	-37.82	-65.57	-57.24	6.18	12.60	H
	5177.52	-39.63	-13	-26.63	-57.63	-44.59	7.74	12.70	H
	6903.36	-44.24	-13	-31.24	-63.05	-46.94	9	11.70	H
	3451.68	-54.38	-13	-41.38	-65.33	-60.80	6.18	12.60	V
	5177.52	-39.91	-13	-26.91	-56.08	-44.87	7.74	12.70	V
	6903.36	-50.06	-13	-37.06	-66.77	-52.76	9	11.70	V
Highest	3481.68	-50.69	-13	-37.69	-65.44	-57.11	6.18	12.60	H
	5222.52	-41.00	-13	-28.00	-59.00	-45.96	7.74	12.70	H
	6963.36	-46.93	-13	-33.93	-65.74	-49.63	9	11.70	H
	3481.68	-53.98	-13	-40.98	-64.93	-60.40	6.18	12.60	V
	5222.52	-35.90	-13	-22.90	-53.2	-40.86	7.74	12.70	V
	6963.36	-50.88	-13	-37.88	-67.59	-53.58	9	11.70	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3422.18	-49.29	-13	-36.29	-64.04	-55.71	6.18	12.60	H
	5133.27	-42.53	-13	-29.53	-60.53	-47.49	7.74	12.70	H
	6844.36	-45.27	-13	-32.27	-64.08	-47.97	9	11.70	H
	3422.18	-54.27	-13	-41.27	-65.22	-60.69	6.18	12.60	V
	5133.27	-44.91	-13	-31.91	-58.98	-49.87	7.74	12.70	V
	6844.36	-50.72	-13	-37.72	-67.43	-53.42	9	11.70	V
Middle	3447.18	-50.19	-13	-37.19	-64.94	-56.61	6.18	12.60	H
	5170.77	-38.87	-13	-25.87	-56.87	-43.83	7.74	12.70	H
	6894.36	-41.71	-13	-28.71	-60.52	-44.41	9	11.70	H
	3447.18	-54.86	-13	-41.86	-65.81	-61.28	6.18	12.60	V
	5170.77	-42.77	-13	-29.77	-57.55	-47.73	7.74	12.70	V
	6894.36	-48.59	-13	-35.59	-65.3	-51.29	9	11.70	V
Highest	3472.18	-50.11	-13	-37.11	-64.86	-56.53	6.18	12.60	H
	5208.27	-37.37	-13	-24.37	-55.75	-42.33	7.74	12.70	H
	6944.36	-47.12	-13	-34.12	-65.93	-49.82	9	11.70	H
	3472.18	-53.63	-13	-40.63	-64.58	-60.05	6.18	12.60	V
	5208.27	-37.40	-13	-24.40	-54.21	-42.36	7.74	12.70	V
	6944.36	-51.64	-13	-38.64	-68.35	-54.34	9	11.70	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1649.92	-59.91	-13	-46.91	-65.14	-60.30	2.96	5.50	H
	2474.88	-54.32	-13	-41.32	-63.88	-54.32	3.65	5.80	H
	3299.84	-60.03	-13	-47.03	-71.79	-60.45	4.23	6.80	H
	1649.92	-60.12	-13	-47.12	-64.93	-60.51	2.96	5.50	V
	2474.88	-54.52	-13	-41.52	-64.17	-54.52	3.65	5.80	V
	3299.84	-59.64	-13	-46.64	-71.19	-60.06	4.23	6.80	V
Middle	1671.92	-58.80	-13	-45.80	-64.03	-59.19	2.96	5.50	H
	2507.88	-54.27	-13	-41.27	-63.83	-54.27	3.65	5.80	H
	3343.84	-58.83	-13	-45.83	-70.59	-59.25	4.23	6.80	H
	1671.92	-61.27	-13	-48.27	-66.08	-61.66	2.96	5.50	V
	2507.88	-54.26	-13	-41.26	-63.91	-54.26	3.65	5.80	V
	3343.84	-59.53	-13	-46.53	-71.08	-59.95	4.23	6.80	V
Highest	1695.52	-57.23	-13	-44.23	-62.46	-57.62	2.96	5.50	H
	2543.28	-54.08	-13	-41.08	-63.64	-54.08	3.65	5.80	H
	3391.04	-58.08	-13	-45.08	-69.84	-58.50	4.23	6.80	H
	1695.52	-60.93	-13	-47.93	-65.74	-61.32	2.96	5.50	V
	2543.28	-55.28	-13	-42.28	-64.93	-55.28	3.65	5.80	V
	3391.04	-57.54	-13	-44.54	-69.09	-57.96	4.23	6.80	V

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



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.48	-58.33	-13	-45.33	-63.56	-58.72	2.96	5.50	H
	2472.72	-50.24	-13	-37.24	-60.35	-50.24	3.65	5.80	H
	3296.96	-59.66	-13	-46.66	-71.42	-60.08	4.23	6.80	H
	1648.48	-59.52	-13	-46.52	-64.33	-59.91	2.96	5.50	V
	2472.72	-50.65	-13	-37.65	-60.98	-50.65	3.65	5.80	V
	3296.96	-55.71	-13	-42.71	-67.26	-56.13	4.23	6.80	V
Middle	1670.48	-58.48	-13	-45.48	-63.71	-58.87	2.96	5.50	H
	2505.72	-49.73	-13	-36.73	-60.00	-49.73	3.65	5.80	H
	3340.96	-53.27	-13	-40.27	-65.03	-53.69	4.23	6.80	H
	1670.48	-57.56	-13	-44.56	-62.37	-57.95	2.96	5.50	V
	2505.72	-51.92	-13	-38.92	-62.03	-51.92	3.65	5.80	V
	3340.96	-54.93	-13	-41.93	-66.48	-55.35	4.23	6.80	V
Highest	1692.48	-54.41	-13	-41.41	-59.64	-54.80	2.96	5.50	H
	2538.72	-50.08	-13	-37.08	-60.21	-50.08	3.65	5.80	H
	3384.96	-54.73	-13	-41.73	-66.49	-55.15	4.23	6.80	H
	1692.48	-58.10	-13	-45.10	-62.91	-58.49	2.96	5.50	V
	2538.72	-50.65	-13	-37.65	-60.98	-50.65	3.65	5.80	V
	3384.96	-54.70	-13	-41.70	-66.25	-55.12	4.23	6.80	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.68	-57.82	-13	-44.82	-63.05	-58.21	2.96	5.50	H
	2473.02	-49.96	-13	-36.96	-60.12	-49.96	3.65	5.80	H
	3297.36	-57.05	-13	-44.05	-68.81	-57.47	4.23	6.80	H
	1648.68	-57.98	-13	-44.98	-62.79	-58.37	2.96	5.50	V
	2473.02	-51.29	-13	-38.29	-61.38	-51.29	3.65	5.80	V
	3297.36	-55.55	-13	-42.55	-67.10	-55.97	4.23	6.80	V
Middle	1668.68	-56.33	-13	-43.33	-61.56	-56.72	2.96	5.50	H
	2503.02	-50.76	-13	-37.76	-60.79	-50.76	3.65	5.80	H
	3337.36	-57.01	-13	-44.01	-68.77	-57.43	4.23	6.80	H
	1668.68	-57.60	-13	-44.60	-62.41	-57.99	2.96	5.50	V
	2503.02	-49.88	-13	-36.88	-60.71	-49.88	3.65	5.80	V
	3337.36	-55.16	-13	-42.16	-66.71	-55.58	4.23	6.80	V
Highest	1688.68	-52.05	-13	-39.05	-58.10	-52.44	2.96	5.50	H
	2533.02	-51.18	-13	-38.18	-61.09	-51.18	3.65	5.80	H
	3377.36	-53.58	-13	-40.58	-65.34	-54.00	4.23	6.80	H
	1688.68	-53.28	-13	-40.28	-59.18	-53.67	2.96	5.50	V
	2533.02	-47.79	-13	-34.79	-59.28	-47.79	3.65	5.80	V
	3377.36	-55.49	-13	-42.49	-67.04	-55.91	4.23	6.80	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1649.18	-56.44	-13	-43.44	-61.67	-56.83	2.96	5.50	H
	2473.77	-51.81	-13	-38.81	-61.45	-51.81	3.65	5.80	H
	3298.36	-56.87	-13	-43.87	-68.63	-57.29	4.23	6.80	H
	1649.18	-57.00	-13	-44.00	-61.81	-57.39	2.96	5.50	V
	2473.77	-51.75	-13	-38.75	-61.86	-51.75	3.65	5.80	V
	3298.36	-56.66	-13	-43.66	-68.21	-57.08	4.23	6.80	V
Middle	1664.18	-58.86	-13	-45.86	-64.09	-59.25	2.96	5.50	H
	2496.27	-54.53	-13	-41.53	-64.09	-54.53	3.65	5.80	H
	3328.36	-56.72	-13	-43.72	-68.48	-57.14	4.23	6.80	H
	1664.18	-57.91	-13	-44.91	-62.72	-58.30	2.96	5.50	V
	2496.27	-53.85	-13	-40.85	-63.50	-53.85	3.65	5.80	V
	3328.36	-58.47	-13	-45.47	-70.02	-58.89	4.23	6.80	V
Highest	1679.18	-53.69	-13	-40.69	-59.06	-54.08	2.96	5.50	H
	2518.77	-53.78	-13	-40.78	-63.34	-53.78	3.65	5.80	H
	3358.36	-54.21	-13	-41.21	-65.97	-54.63	4.23	6.80	H
	1679.18	-50.63	-13	-37.63	-57.09	-51.02	2.96	5.50	V
	2518.77	-48.28	-13	-35.28	-59.62	-48.28	3.65	5.80	V
	3358.36	-54.66	-13	-41.66	-66.21	-55.08	4.23	6.80	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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	5000.68	-46.54	-25	-21.54	-62.74	-58.30	0.94	12.70	H
	7501.02	-39.98	-25	-14.98	-61.35	-49.99	1.69	11.70	H
	10001.36	-43.68	-25	-18.68	-68.04	-54.34	1.44	12.10	H
	5000.68	-44.24	-25	-19.24	-59.99	-56.00	0.94	12.70	V
	7501.02	-40.74	-25	-15.74	-61.73	-50.75	1.69	11.70	V
	10001.36	-44.90	-25	-19.90	-67.8	-55.56	1.44	12.10	V
Middle	5065.68	-45.11	-25	-20.11	-61.31	-56.87	0.94	12.70	H
	7598.52	-38.76	-25	-13.76	-60.13	-48.77	1.69	11.70	H
	10131.36	-44.02	-25	-19.02	-68.38	-54.68	1.44	12.10	H
	5065.68	-43.49	-25	-18.49	-59.24	-55.25	0.94	12.70	V
	7598.52	-40.72	-25	-15.72	-61.71	-50.73	1.69	11.70	V
	10131.36	-45.62	-25	-20.62	-68.52	-56.28	1.44	12.10	V
Highest	5130.68	-47.25	-25	-22.25	-63.45	-59.01	0.94	12.70	H
	7696.02	-38.84	-25	-13.84	-60.21	-48.85	1.69	11.70	H
	10261.36	-42.42	-25	-17.42	-66.78	-53.08	1.44	12.10	H
	5130.68	-43.22	-25	-18.22	-58.97	-54.98	0.94	12.70	V
	7696.02	-42.27	-25	-17.27	-63.26	-52.28	1.69	11.70	V
	10261.36	-44.25	-25	-19.25	-67.15	-54.91	1.44	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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	5001.18	-46.17	-25	-21.17	-62.37	-57.93	0.94	12.70	H
	7501.77	-39.95	-25	-14.95	-61.32	-49.96	1.69	11.70	H
	10002.36	-43.73	-25	-18.73	-68.09	-54.39	1.44	12.10	H
	5001.18	-41.80	-25	-16.80	-57.92	-53.56	0.94	12.70	V
	7501.77	-40.98	-25	-15.98	-61.97	-50.99	1.69	11.70	V
	10002.36	-45.09	-25	-20.09	-67.99	-55.75	1.44	12.10	V
Middle	5061.18	-46.51	-25	-21.51	-62.71	-58.27	0.94	12.70	H
	7591.77	-39.35	-25	-14.35	-60.72	-49.36	1.69	11.70	H
	10122.36	-43.61	-25	-18.61	-67.97	-54.27	1.44	12.10	H
	5061.18	-43.61	-25	-18.61	-59.36	-55.37	0.94	12.70	V
	7591.77	-40.12	-25	-15.12	-61.11	-50.13	1.69	11.70	V
	10122.36	-44.60	-25	-19.60	-67.5	-55.26	1.44	12.10	V
Highest	5121.18	-45.46	-25	-20.46	-61.66	-57.22	0.94	12.70	H
	7681.77	-39.31	-25	-14.31	-60.68	-49.32	1.69	11.70	H
	10242.36	-43.18	-25	-18.18	-67.54	-53.84	1.44	12.10	H
	5121.18	-44.37	-25	-19.37	-60.12	-56.13	0.94	12.70	V
	7681.77	-42.95	-25	-17.95	-63.94	-52.96	1.69	11.70	V
	10242.36	-45.19	-25	-20.19	-68.09	-55.85	1.44	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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	5001.68	-45.97	-25	-20.97	-62.17	-57.73	0.94	12.70	H
	7502.52	-39.72	-25	-14.72	-61.09	-49.73	1.69	11.70	H
	10003.36	-42.82	-25	-17.82	-67.18	-53.48	1.44	12.10	H
	5001.68	-43.90	-25	-18.90	-59.65	-55.66	0.94	12.70	V
	7502.52	-41.11	-25	-16.11	-62.1	-51.12	1.69	11.70	V
	10003.36	-45.42	-25	-20.42	-68.32	-56.08	1.44	12.10	V
Middle	5056.68	-46.14	-25	-21.14	-62.34	-57.90	0.94	12.70	H
	7585.02	-40.06	-25	-15.06	-61.43	-50.07	1.69	11.70	H
	10131.36	-43.58	-25	-18.58	-67.94	-54.24	1.44	12.10	H
	5056.68	-44.37	-25	-19.37	-60.12	-56.13	0.94	12.70	V
	7585.02	-41.38	-25	-16.38	-62.37	-51.39	1.69	11.70	V
	10131.36	-44.92	-25	-19.92	-67.82	-55.58	1.44	12.10	V
Highest	5111.68	-47.88	-25	-22.88	-64.08	-59.64	0.94	12.70	H
	7667.52	-40.39	-25	-15.39	-61.76	-50.40	1.69	11.70	H
	10223.36	-43.31	-25	-18.31	-67.67	-53.97	1.44	12.10	H
	5111.68	-44.74	-25	-19.74	-60.49	-56.50	0.94	12.70	V
	7667.52	-42.23	-25	-17.23	-63.22	-52.24	1.69	11.70	V
	10223.36	-44.19	-25	-19.19	-67.09	-54.85	1.44	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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	5002.18	-46.71	-25	-21.71	-62.91	-58.47	0.94	12.70	H
	7503.27	-39.66	-25	-14.66	-61.03	-49.67	1.69	11.70	H
	10004.36	-43.80	-25	-18.80	-68.16	-54.46	1.44	12.10	H
	5002.18	-44.03	-25	-19.03	-59.78	-55.79	0.94	12.70	V
	7503.27	-40.90	-25	-15.90	-61.89	-50.91	1.69	11.70	V
	10004.36	-44.48	-25	-19.48	-67.38	-55.14	1.44	12.10	V
Middle	5052.18	-47.29	-25	-22.29	-63.49	-59.05	0.94	12.70	H
	7578.27	-40.47	-25	-15.47	-61.84	-50.48	1.69	11.70	H
	10104.36	-43.53	-25	-18.53	-67.89	-54.19	1.44	12.10	H
	5052.18	-44.60	-25	-19.60	-60.35	-56.36	0.94	12.70	V
	7578.27	-40.90	-25	-15.90	-61.89	-50.91	1.69	11.70	V
	10104.36	-44.46	-25	-19.46	-67.36	-55.12	1.44	12.10	V
Highest	5102.18	-47.39	-25	-22.39	-63.59	-59.15	0.94	12.70	H
	7653.27	-40.91	-25	-15.91	-62.28	-50.92	1.69	11.70	H
	10204.36	-43.54	-25	-18.54	-67.90	-54.20	1.44	12.10	H
	5102.18	-45.14	-25	-20.14	-60.89	-56.90	0.94	12.70	V
	7653.27	-41.85	-25	-16.85	-62.84	-51.86	1.69	11.70	V
	10204.36	-43.61	-25	-18.61	-66.51	-54.27	1.44	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1398.32	-58.31	-13	-45.31	-63.54	-58.70	2.96	5.50	H
	2097.48	-55.07	-13	-42.07	-64.63	-55.07	3.65	5.80	H
	2796.64	-52.00	-13	-39.00	-63.76	-52.42	4.23	6.80	H
	3495.8	-45.43	-13	-32.43	-61.73	-47.14	4.84	8.70	H
	1398.32	-56.81	-13	-43.81	-61.62	-57.20	2.96	5.50	V
	2097.48	-56.21	-13	-43.21	-65.86	-56.21	3.65	5.80	V
	2796.64	-50.82	-13	-37.82	-62.37	-51.24	4.23	6.80	V
	3495.8	-42.23	-13	-29.23	-59.16	-43.94	4.84	8.70	V
Middle	1413.92	-45.55	-13	-32.55	-53.15	-45.94	2.96	5.50	H
	2120.88	-45.05	-13	-32.05	-57.02	-45.05	3.65	5.80	H
	2827.84	-49.91	-13	-36.91	-61.67	-50.33	4.23	6.80	H
	3534.8	-45.47	-13	-32.47	-61.77	-47.18	4.84	8.70	H
	1413.92	-55.95	-13	-42.95	-60.76	-56.34	2.96	5.50	V
	2120.88	-53.45	-13	-40.45	-63.10	-53.45	3.65	5.80	V
	2827.84	-49.86	-13	-36.86	-61.38	-50.28	4.23	6.80	V
	3534.8	-40.83	-13	-27.83	-58.38	-42.54	4.84	8.70	V
Highest	1429.52	-59.02	-13	-46.02	-64.25	-59.41	2.96	5.50	H
	2144.28	-54.31	-13	-41.31	-63.87	-54.31	3.65	5.80	H
	2859.04	-51.78	-13	-38.78	-63.54	-52.20	4.23	6.80	H
	3573.8	-46.64	-13	-33.64	-62.94	-48.35	4.84	8.70	H
	1429.52	-56.40	-13	-43.40	-61.21	-56.79	2.96	5.50	V
	2144.28	-52.31	-13	-39.31	-62.28	-52.31	3.65	5.80	V
	2859.04	-50.95	-13	-37.95	-62.50	-51.37	4.23	6.80	V
	3573.8	-41.75	-13	-28.75	-58.81	-43.46	4.84	8.70	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
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	1398.48	-57.32	-13	-44.32	-62.55	-57.71	2.96	5.50	H
	2097.72	-55.92	-13	-42.92	-65.48	-55.92	3.65	5.80	H
	2796.96	-51.56	-13	-38.56	-63.32	-51.98	4.23	6.80	H
	3496.2	-45.58	-13	-32.58	-61.88	-47.29	4.84	8.70	H
	1398.48	-56.32	-13	-43.32	-61.13	-56.71	2.96	5.50	V
	2097.72	-54.16	-13	-41.16	-63.81	-54.16	3.65	5.80	V
	2796.96	-50.56	-13	-37.56	-62.11	-50.98	4.23	6.80	V
	3496.2	-42.92	-13	-29.92	-59.89	-44.63	4.84	8.70	V
Middle	1412.48	-58.08	-13	-45.08	-63.31	-58.47	2.96	5.50	H
	2118.72	-53.29	-13	-40.29	-62.85	-53.29	3.65	5.80	H
	2824.96	-49.72	-13	-36.72	-61.48	-50.14	4.23	6.80	H
	3531.2	-44.86	-13	-31.86	-61.22	-46.57	4.84	8.70	H
	1412.48	-51.36	-13	-38.36	-57.69	-51.75	2.96	5.50	V
	2118.72	-55.60	-13	-42.60	-65.25	-55.60	3.65	5.80	V
	2824.96	-49.33	-13	-36.33	-60.72	-49.75	4.23	6.80	V
	3531.2	-40.50	-13	-27.50	-58.13	-42.21	4.84	8.70	V
Highest	1426.48	-62.01	-13	-49.01	-67.24	-62.40	2.96	5.50	H
	2139.72	-53.34	-13	-40.34	-62.90	-53.34	3.65	5.80	H
	2852.96	-53.44	-13	-40.44	-65.20	-53.86	4.23	6.80	H
	3566.2	-46.30	-13	-33.30	-62.60	-48.01	4.84	8.70	H
	1426.48	-57.21	-13	-44.21	-62.02	-57.60	2.96	5.50	V
	2139.72	-54.84	-13	-41.84	-64.49	-54.84	3.65	5.80	V
	2852.96	-51.28	-13	-38.28	-62.83	-51.70	4.23	6.80	V
	3566.2	-42.55	-13	-29.55	-59.50	-44.26	4.84	8.70	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1398.68	-57.95	-13	-44.95	-63.18	-58.34	2.96	5.50	H
	2098.02	-55.41	-13	-42.41	-64.97	-55.41	3.65	5.80	H
	2797.36	-52.57	-13	-39.57	-64.33	-52.99	4.23	6.80	H
	3496.7	-45.20	-13	-32.20	-61.50	-46.91	4.84	8.70	H
	1398.68	-56.82	-13	-43.82	-61.63	-57.21	2.96	5.50	V
	2098.02	-55.07	-13	-42.07	-64.72	-55.07	3.65	5.80	V
	2797.36	-50.12	-13	-37.12	-61.67	-50.54	4.23	6.80	V
	3496.7	-42.58	-13	-29.58	-59.53	-44.29	4.84	8.70	V
Middle	1410.68	-59.00	-13	-46.00	-64.23	-59.39	2.96	5.50	H
	2116.02	-52.83	-13	-39.83	-62.39	-52.83	3.65	5.80	H
	2821.36	-50.48	-13	-37.48	-62.24	-50.90	4.23	6.80	H
	3526.8	-44.05	-13	-31.05	-60.74	-45.76	4.84	8.70	H
	1410.68	-55.99	-13	-42.99	-60.80	-56.38	2.96	5.50	V
	2116.02	-54.64	-13	-41.64	-64.29	-54.64	3.65	5.80	V
	2821.36	-49.14	-13	-36.14	-60.92	-49.56	4.23	6.80	V
	3526.8	-40.53	-13	-27.53	-58.15	-42.24	4.84	8.70	V
Highest	1422.68	-60.34	-13	-47.34	-65.57	-60.73	2.96	5.50	H
	2134.02	-55.18	-13	-42.18	-64.74	-55.18	3.65	5.80	H
	2845.36	-52.60	-13	-39.60	-64.36	-53.02	4.23	6.80	H
	3556.7	-46.19	-13	-33.19	-62.49	-47.90	4.84	8.70	H
	1422.68	-58.14	-13	-45.14	-62.95	-58.53	2.96	5.50	V
	2134.02	-53.87	-13	-40.87	-63.52	-53.87	3.65	5.80	V
	2845.36	-51.51	-13	-38.51	-63.06	-51.93	4.23	6.80	V
	3556.7	-42.74	-13	-29.74	-59.70	-44.45	4.84	8.70	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1401.18	-57.52	-13	-44.52	-62.75	-57.91	2.96	5.50	H
	2101.77	-54.97	-13	-41.97	-64.53	-54.97	3.65	5.80	H
	2802.36	-52.83	-13	-39.83	-64.59	-53.25	4.23	6.80	H
	3502.95	-46.41	-13	-33.41	-62.71	-48.12	4.84	8.70	H
	1401.18	-56.95	-13	-43.95	-61.76	-57.34	2.96	5.50	V
	2101.77	-53.69	-13	-40.69	-63.34	-53.69	3.65	5.80	V
	2802.36	-50.44	-13	-37.44	-61.99	-50.86	4.23	6.80	V
	3502.95	-42.76	-13	-29.76	-59.72	-44.47	4.84	8.70	V
Middle	1406.18	-58.94	-13	-45.94	-64.17	-59.33	2.96	5.50	H
	2109.27	-54.17	-13	-41.17	-63.73	-54.17	3.65	5.80	H
	2812.36	-50.68	-13	-37.68	-62.44	-51.10	4.23	6.80	H
	3515.45	-45.41	-13	-32.41	-61.71	-47.12	4.84	8.70	H
	1406.18	-52.33	-13	-39.33	-58.41	-52.72	2.96	5.50	V
	2109.27	-52.51	-13	-39.51	-62.39	-52.51	3.65	5.80	V
	2812.36	-45.39	-13	-32.39	-58.50	-45.81	4.23	6.80	V
	3515.45	-41.00	-13	-28.00	-58.51	-42.71	4.84	8.70	V
Highest	1413.18	-58.04	-13	-45.04	-63.27	-58.43	2.96	5.50	H
	2119.77	-53.65	-13	-40.65	-63.21	-53.65	3.65	5.80	H
	2826.36	-51.45	-13	-38.45	-63.21	-51.87	4.23	6.80	H
	3532.95	-44.13	-13	-31.13	-60.79	-45.84	4.84	8.70	H
	1413.18	-53.88	-13	-40.88	-59.69	-54.27	2.96	5.50	V
	2119.77	-53.00	-13	-40.00	-62.65	-53.00	3.65	5.80	V
	2826.36	-47.69	-13	-34.69	-60.14	-48.11	4.23	6.80	V
	3532.95	-40.32	-13	-27.32	-57.99	-42.03	4.84	8.70	V

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



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1561	-60.78	-40	-20.78	-63.61	-67.47	0.56	9.40	H
	2341.5	-58.13	-13	-45.13	-63.87	-65.84	0.74	10.60	H
	3122	-56.94	-13	-43.94	-65.75	-66.54	0.85	12.60	H
	1561	-59.71	-40	-19.71	-61.37	-66.40	0.56	9.40	V
	2341.5	-58.80	-13	-45.80	-64.38	-66.51	0.74	10.60	V
	3122	-57.43	-13	-44.43	-65.57	-67.03	0.85	12.60	V
Middle	1564	-61.60	-40	-21.06	-64.43	-68.29	0.56	9.40	H
	2347	-57.97	-13	-44.97	-63.71	-65.68	0.74	10.60	H
	3129	-57.56	-13	-44.56	-66.37	-67.16	0.85	12.60	H
	1564	-59.87	-40	-19.87	-61.53	-66.56	0.56	9.40	V
	2347	-58.78	-13	-45.78	-64.36	-66.49	0.74	10.60	V
	3129	-57.42	-13	-44.42	-65.56	-67.02	0.85	12.60	V
Highest	1570	-61.63	-40	-21.63	-64.46	-68.32	0.56	9.40	H
	2356	-58.11	-13	-45.11	-63.85	-65.82	0.74	10.60	H
	3141	-56.35	-13	-43.35	-65.16	-65.95	0.85	12.60	H
	1570	-61.00	-40	-21.00	-62.66	-67.69	0.56	9.40	V
	2356	-58.27	-13	-45.27	-63.85	-65.98	0.74	10.60	V
	3141	-57.16	-13	-44.16	-65.30	-66.76	0.85	12.60	V

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



LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1560	-60.74	-40	-20.74	-63.57	-67.43	0.56	9.40	H
	2340	-58.33	-13	-45.33	-64.07	-66.04	0.74	10.60	H
	3120	-56.05	-13	-43.05	-64.86	-65.65	0.85	12.60	H
	1560	-59.61	-40	-19.61	-61.27	-66.30	0.56	9.40	V
	2340	-57.99	-13	-44.99	-63.57	-65.70	0.74	10.60	V
	3120	-56.88	-13	-43.88	-65.02	-66.48	0.85	12.60	V

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

LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1408.68	-58.29	-13	-45.29	-63.52	-58.68	2.96	5.50	H
	2113.07	-56.26	-13	-43.26	-65.82	-56.26	3.65	5.80	H
	2817.36	-56.10	-13	-43.10	-67.86	-56.52	4.23	6.80	H
	1408.68	-60.38	-13	-47.38	-65.19	-60.77	2.96	5.50	V
	2113.07	-56.67	-13	-43.67	-66.32	-56.67	3.65	5.80	V
	2817.36	-55.07	-13	-42.07	-66.62	-55.49	4.23	6.80	V
Middle	1415.68	-55.91	-13	-42.91	-61.14	-56.30	2.96	5.50	H
	2123.58	-56.27	-13	-43.27	-65.83	-56.27	3.65	5.80	H
	2831.36	-55.90	-13	-42.90	-67.66	-56.32	4.23	6.80	H
	1415.68	-57.90	-13	-44.90	-62.71	-58.29	2.96	5.50	V
	2123.58	-57.31	-13	-44.31	-66.96	-57.31	3.65	5.80	V
	2831.36	-54.13	-13	-41.13	-65.68	-54.55	4.23	6.80	V
Highest	1422.68	-59.34	-13	-46.34	-64.57	-59.73	2.96	5.50	H
	2134.02	-58.92	-13	-45.92	-68.48	-58.92	3.65	5.80	H
	2845.36	-57.18	-13	-44.18	-68.94	-57.60	4.23	6.80	H
	1422.68	-62.03	-13	-49.03	-66.84	-62.42	2.96	5.50	V
	2134.02	-58.41	-13	-45.41	-68.06	-58.41	3.65	5.80	V
	2845.36	-57.33	-13	-44.33	-68.88	-57.75	4.23	6.80	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1409.18	-57.45	-13	-44.45	-62.68	-57.84	2.96	5.50	H
	2113.77	-55.89	-13	-42.89	-65.45	-55.89	3.65	5.80	H
	2818.36	-55.27	-13	-42.27	-67.03	-55.69	4.23	6.80	H
	1409.18	-60.00	-13	-47.00	-64.81	-60.39	2.96	5.50	V
	2113.77	-56.89	-13	-43.89	-66.54	-56.89	3.65	5.80	V
	2818.36	-56.29	-13	-43.29	-67.84	-56.71	4.23	6.80	V
Middle	1411.18	-56.54	-13	-43.54	-61.77	-56.93	2.96	5.50	H
	2116.77	-55.70	-13	-42.70	-65.26	-55.70	3.65	5.80	H
	2822.36	-53.81	-13	-40.81	-65.57	-54.23	4.23	6.80	H
	1411.18	-58.32	-13	-45.32	-63.13	-58.71	2.96	5.50	V
	2116.77	-56.11	-13	-43.11	-65.76	-56.11	3.65	5.80	V
	2822.36	-54.91	-13	-41.91	-66.46	-55.33	4.23	6.80	V
Highest	1413.18	-55.89	-13	-42.89	-61.12	-56.28	2.96	5.50	H
	2119.77	-54.95	-13	-41.95	-64.51	-54.95	3.65	5.80	H
	2826.36	-56.46	-13	-43.46	-68.22	-56.88	4.23	6.80	H
	1413.18	-59.55	-13	-46.55	-64.36	-59.94	2.96	5.50	V
	2119.77	-56.96	-13	-43.96	-66.61	-56.96	3.65	5.80	V
	2826.36	-55.95	-13	-42.95	-67.50	-56.37	4.23	6.80	V

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