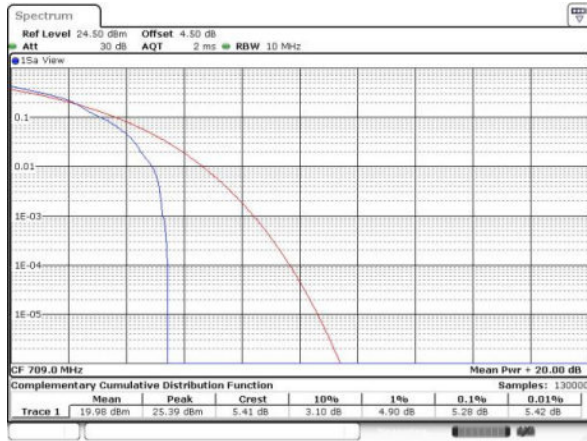




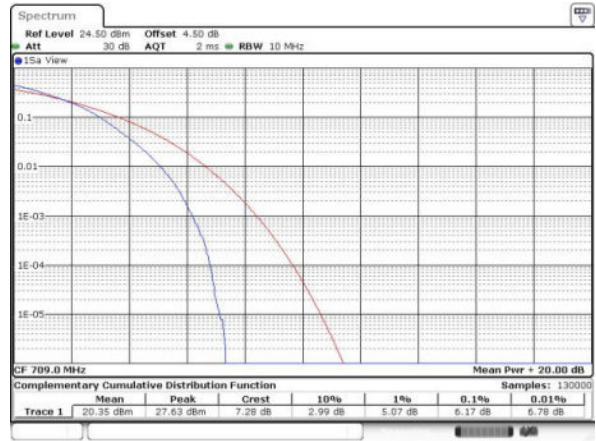
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



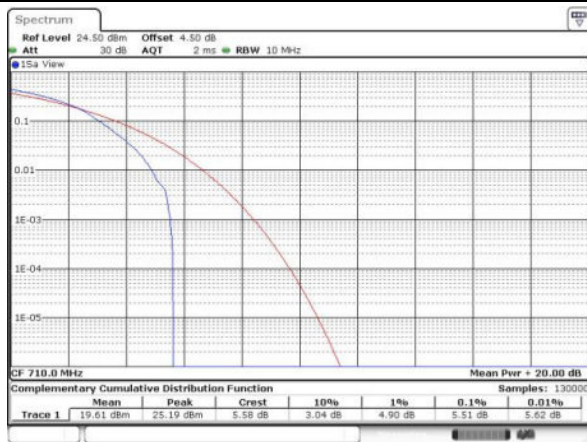
Date: 7 JUN 2016 13:36:04

Lowest Channel / Full RB



Date: 7 JUN 2016 13:36:14

Middle Channel / 1RB



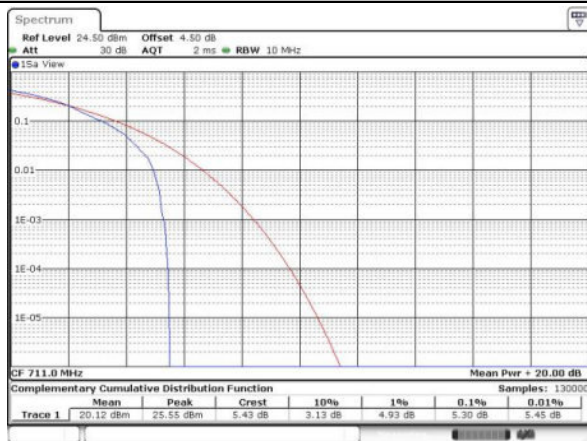
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Middle Channel / Full RB



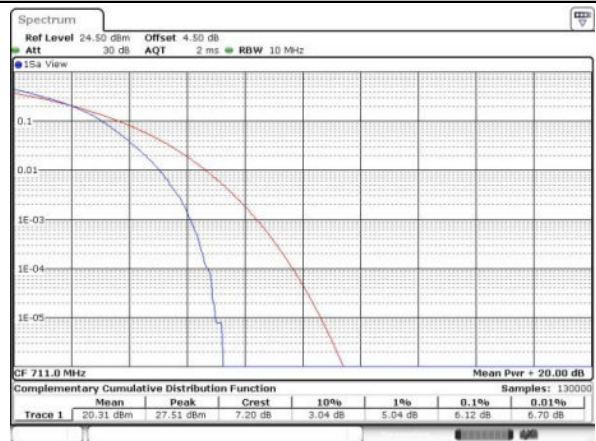
Date: 7 JUN 2016 13:36:37

Highest Channel / 1RB



Date: 7 JUN 2016 13:36:47

Highest Channel / Full RB



Date: 7 JUN 2016 13:36:56

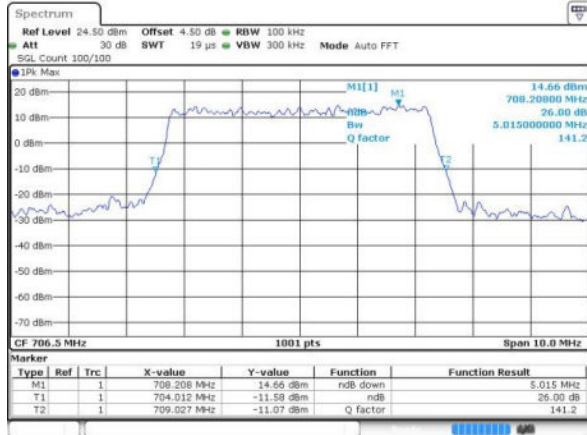
**26dB Bandwidth**

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-

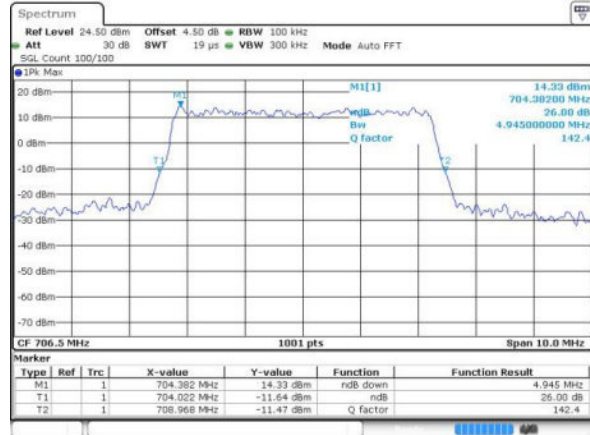


LTE Band 17

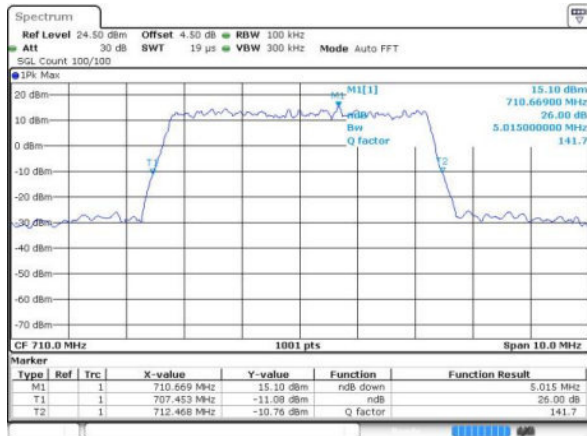
Lowest Channel / 5MHz / QPSK



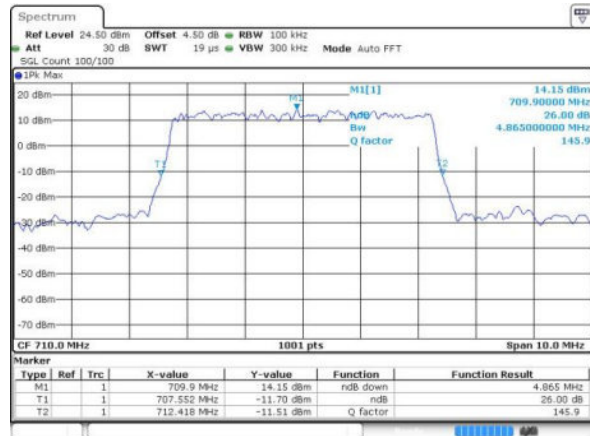
Lowest Channel / 5MHz / 16QAM



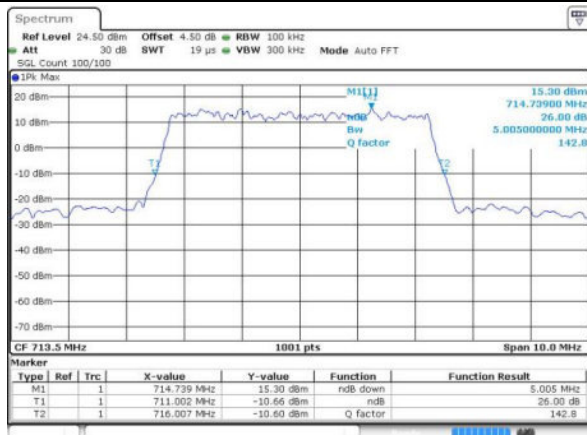
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



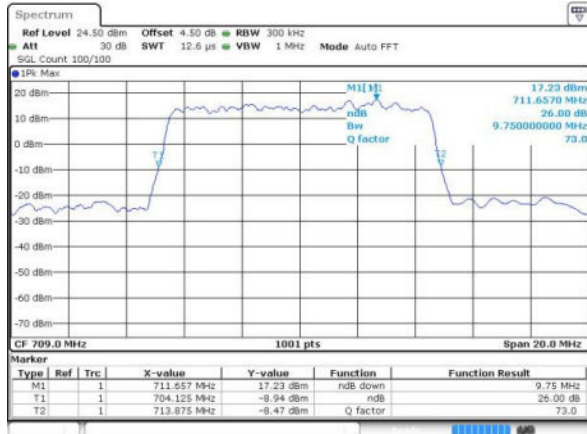
Highest Channel / 5MHz / 16QAM



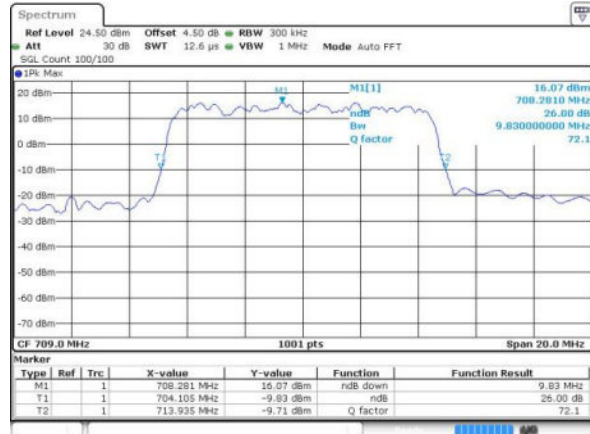


LTE Band 17

Lowest Channel / 10MHz / QPSK



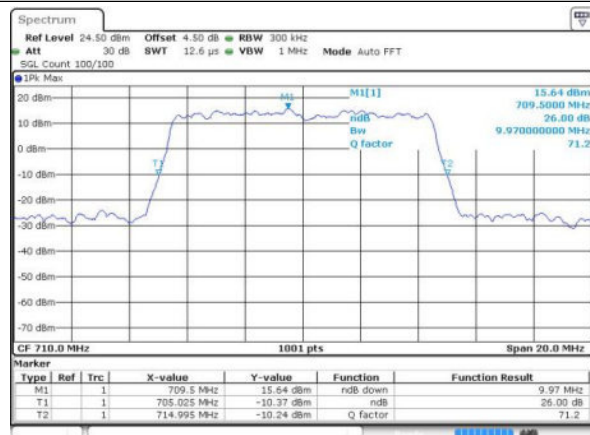
Lowest Channel / 10MHz / 16QAM



Middle Channel / 10MHz / QPSK



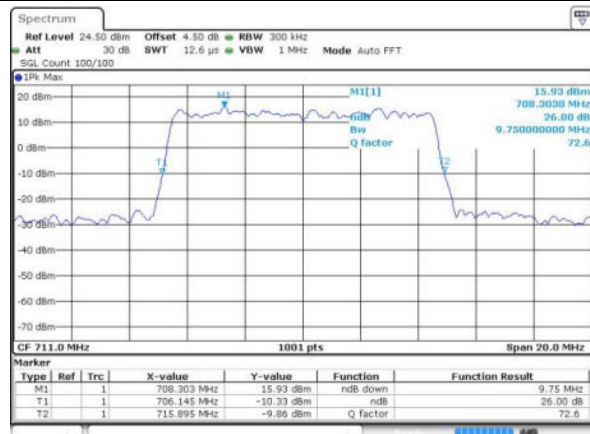
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



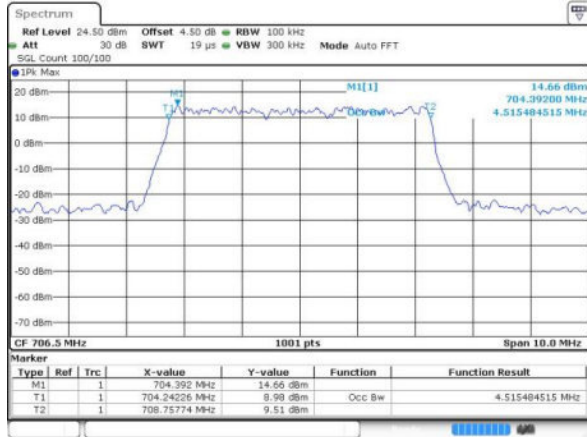
**Occupied Bandwidth**

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	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	-	-	-	-



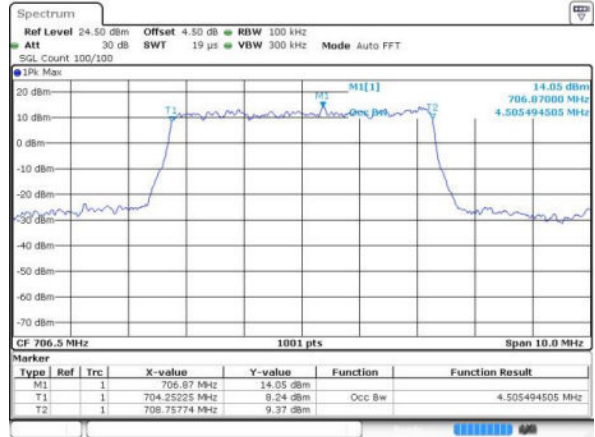
LTE Band 17

Lowest Channel / 5MHz / QPSK



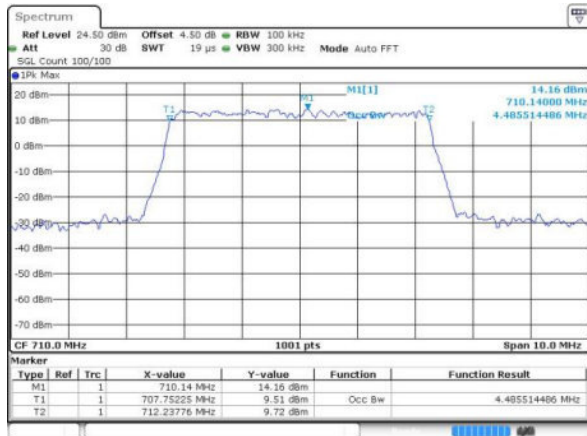
Date: 7 JUN 2016 11:54:16

Lowest Channel / 5MHz / 16QAM



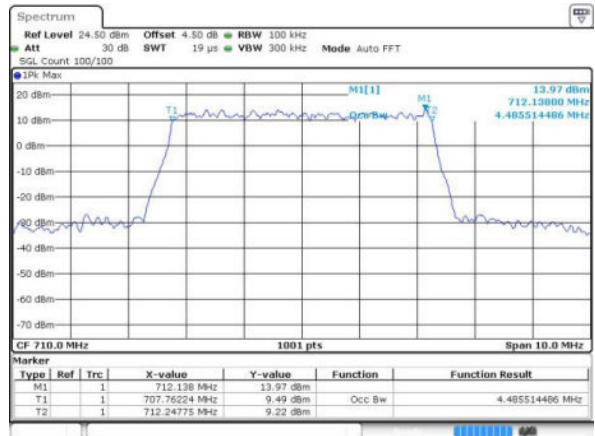
Date: 7 JUN 2016 11:54:27

Middle Channel / 5MHz / QPSK



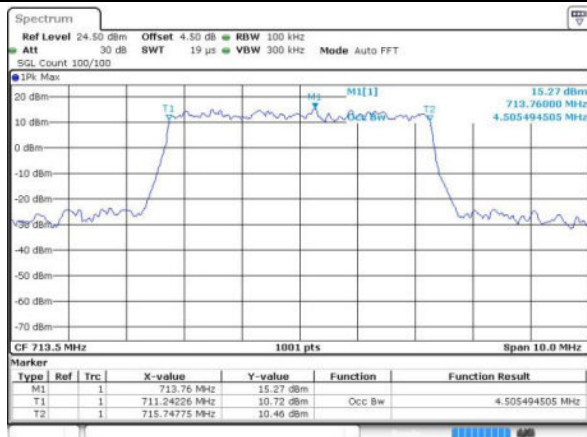
Date: 7 JUN 2016 12:01:19

Middle Channel / 5MHz / 16QAM



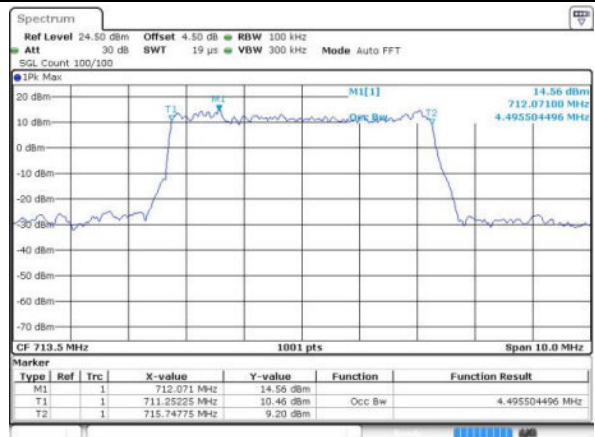
Date: 7 JUN 2016 13:40:41

Highest Channel / 5MHz / QPSK

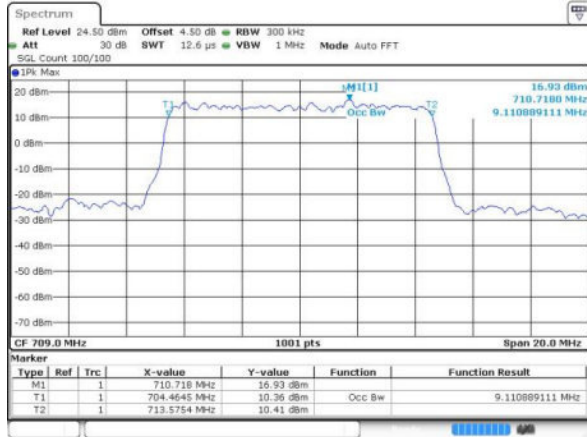
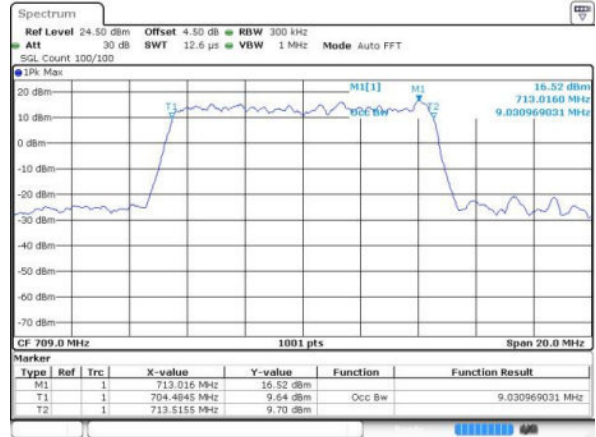
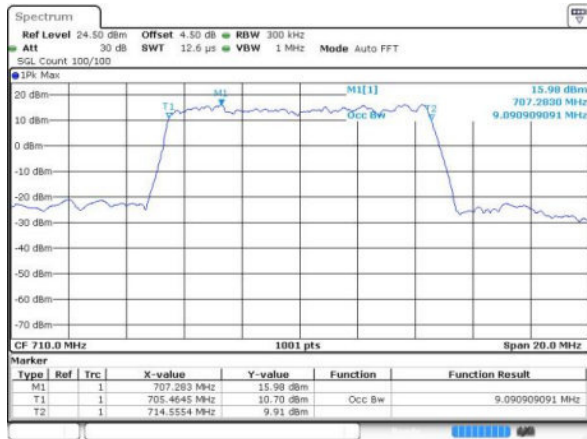
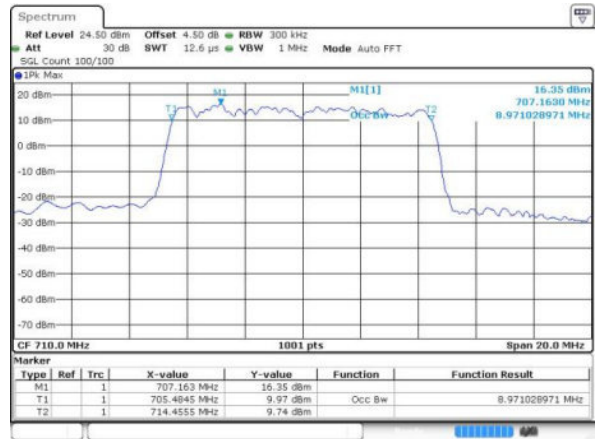
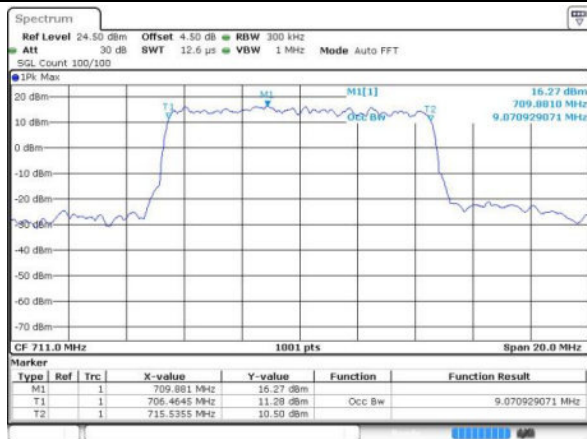
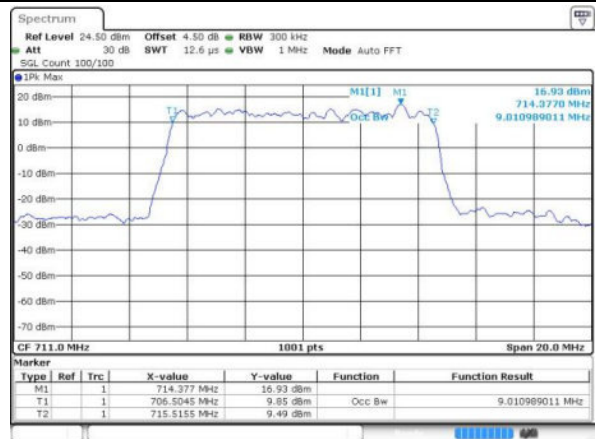


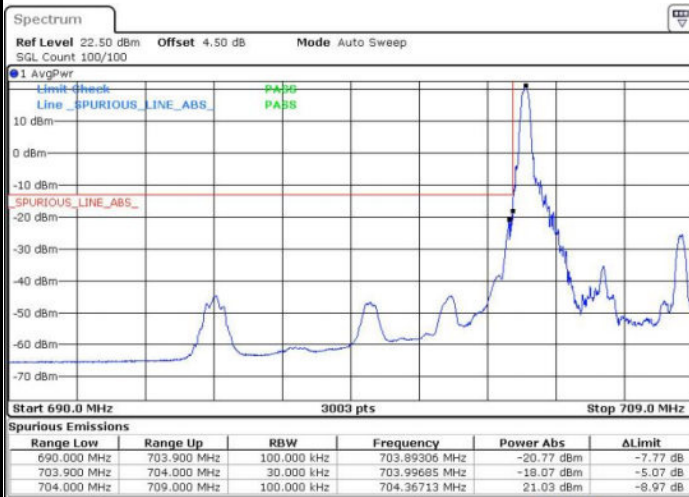
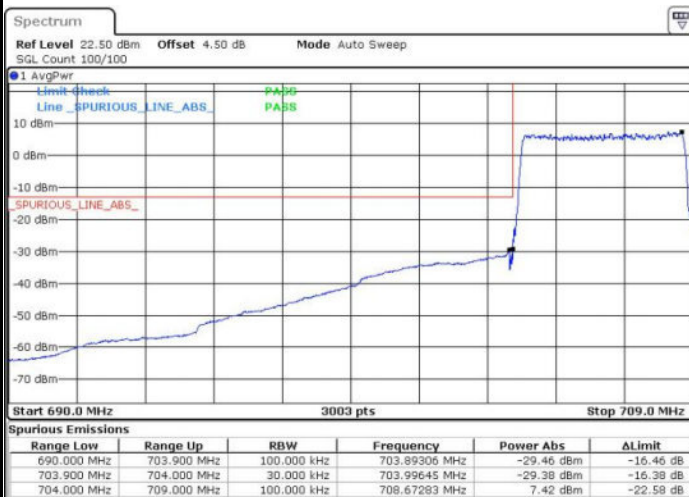
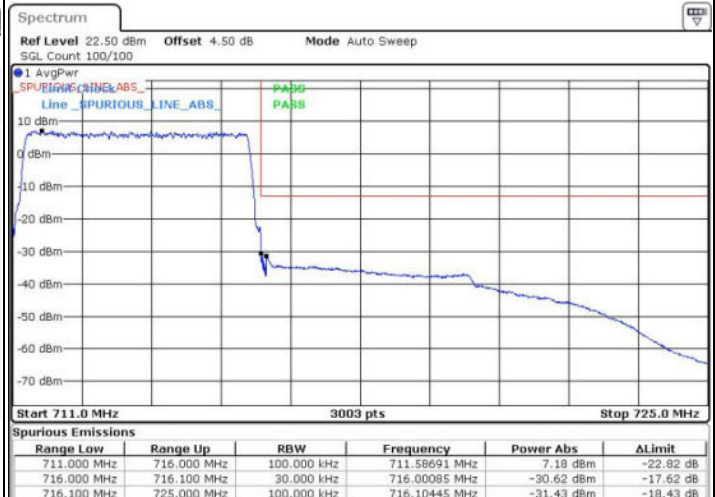
Date: 7 JUN 2016 12:03:51

Highest Channel / 5MHz / 16QAM



Date: 7 JUN 2016 12:04:01

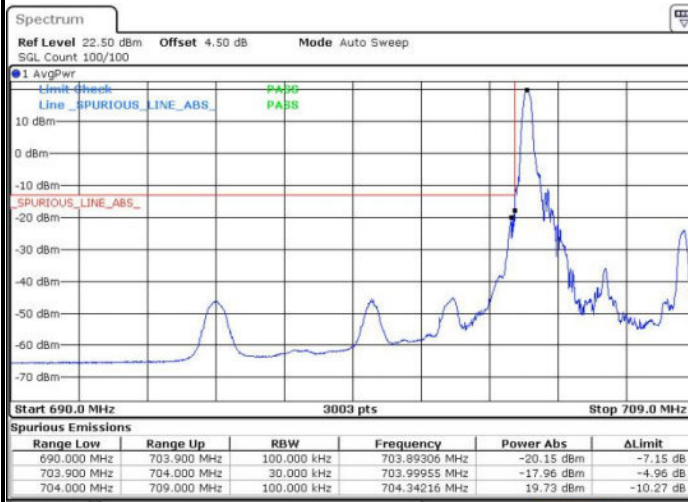
**LTE Band 17****Lowest Channel / 10MHz / QPSK****Lowest Channel / 10MHz / 16QAM****Middle Channel / 10MHz / QPSK****Middle Channel / 10MHz / 16QAM****Highest Channel / 10MHz / QPSK****Highest Channel / 10MHz / 16QAM**

**Conducted Band Edge****LTE Band 17 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



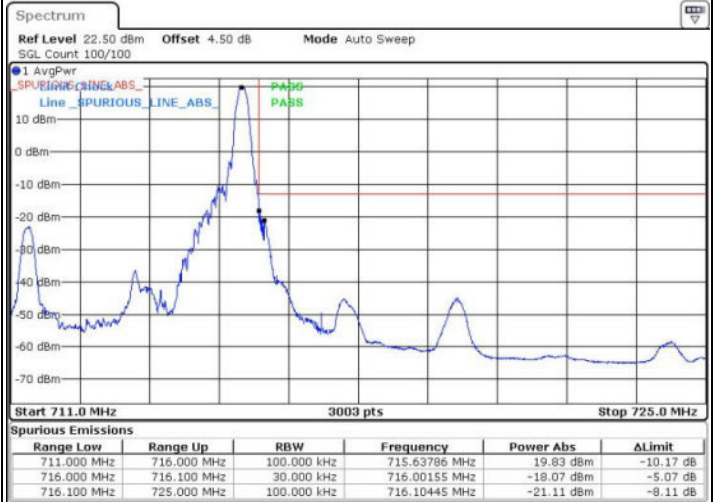
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



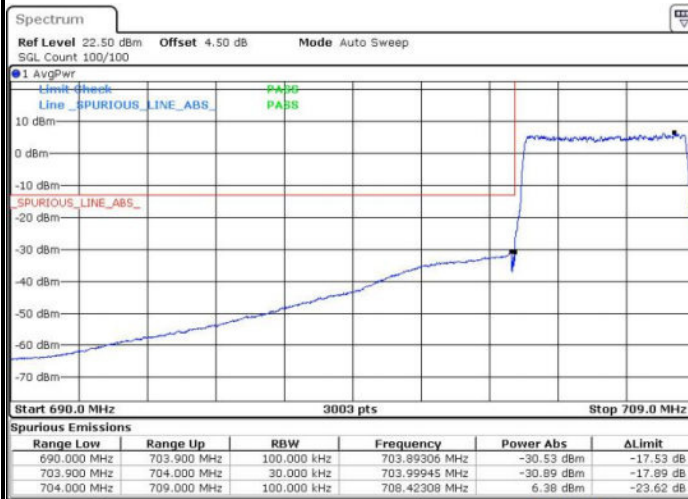
Date: 7 JUN 2016 11:57:04

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

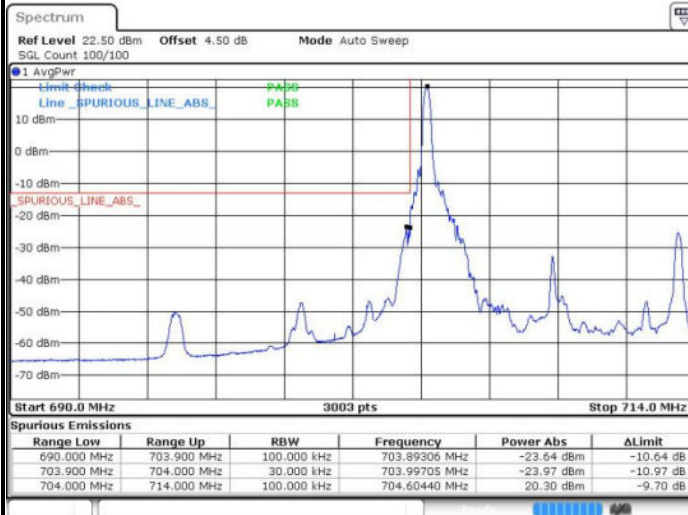


Date: 7 JUN 2016 12:06:54

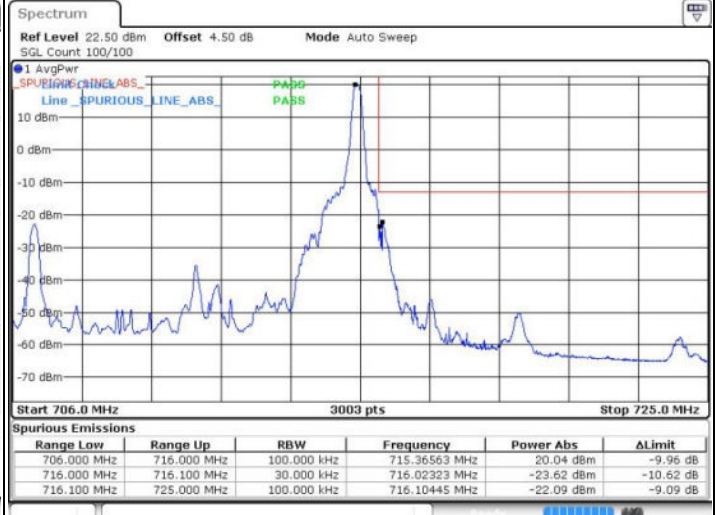


LTE Band 17 / 10MHz / QPSK

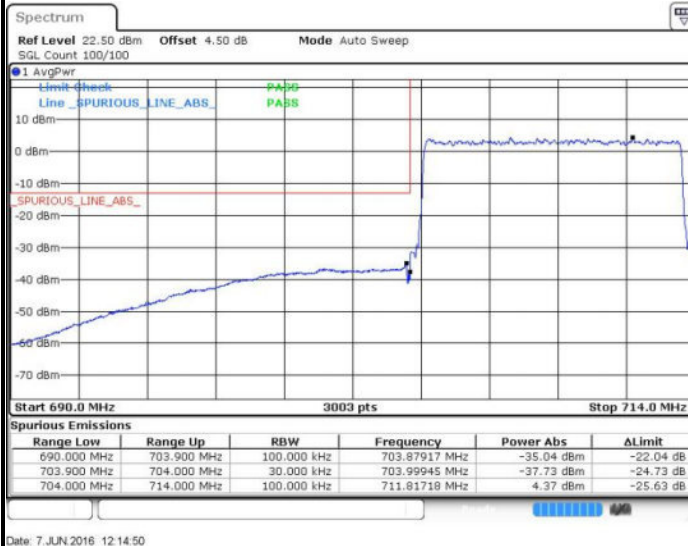
Lowest Band Edge / 1 RB



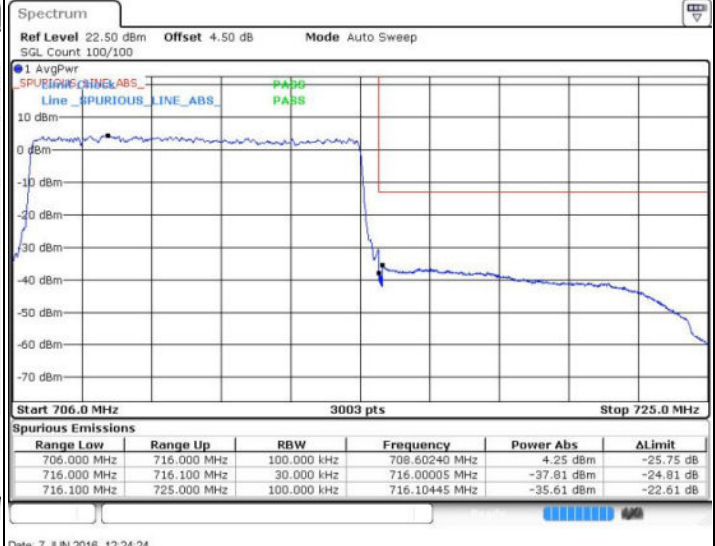
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



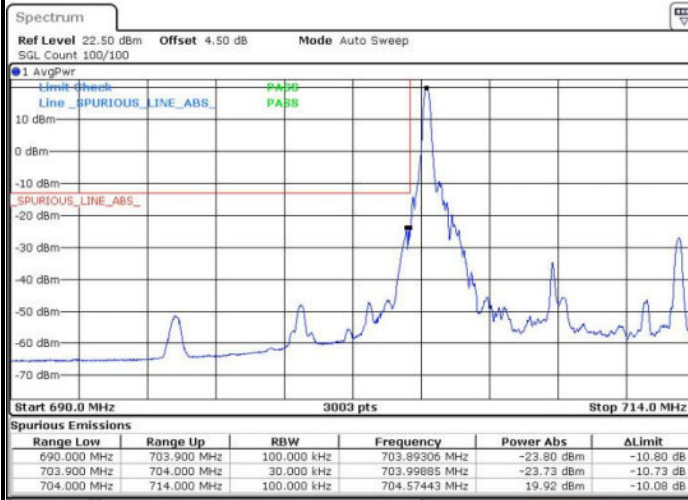
Highest Band Edge / Full RB



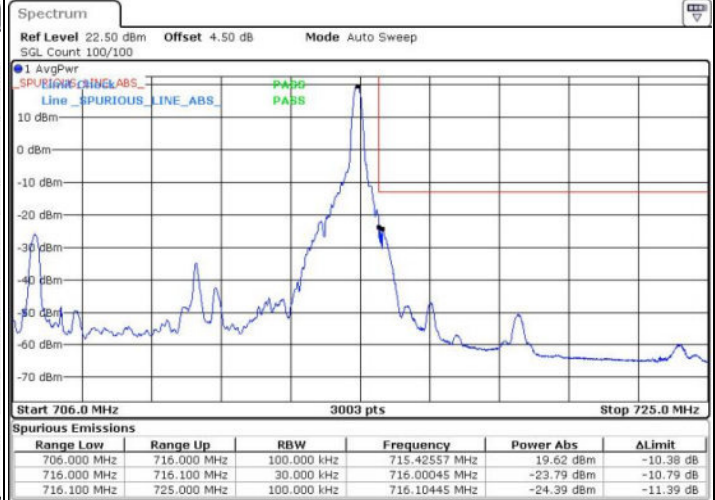


LTE Band 17 / 10MHz / 16QAM

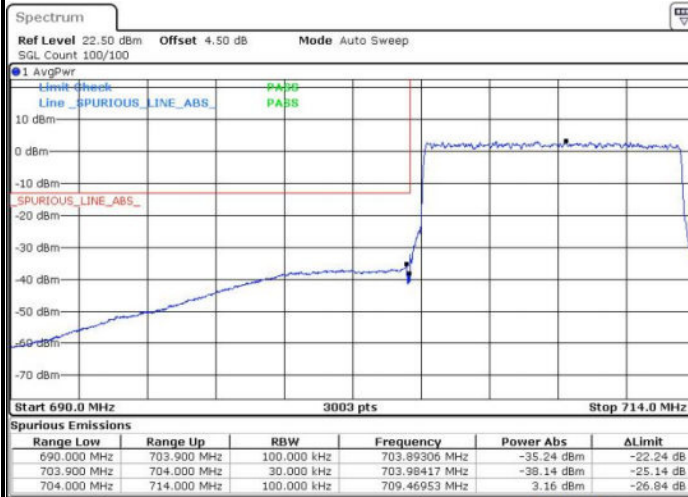
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

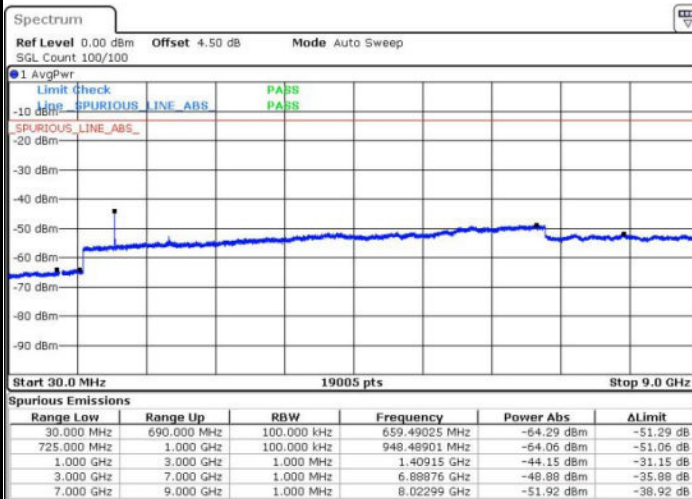




Conducted Spurious Emission

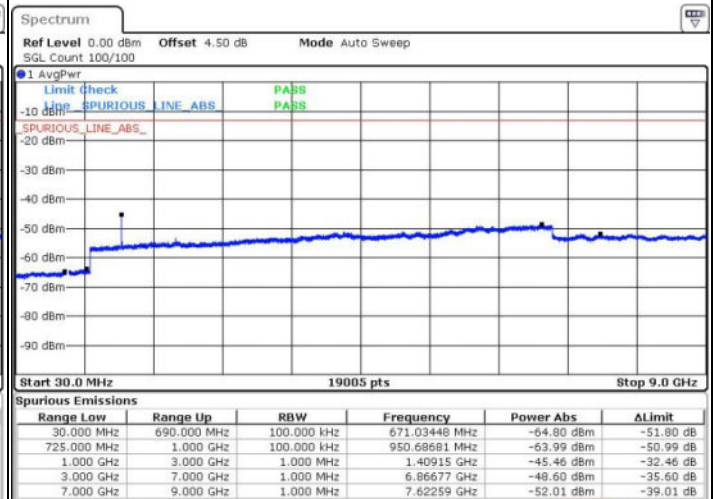
LTE Band 17 / 5MHz

Lowest Channel / QPSK



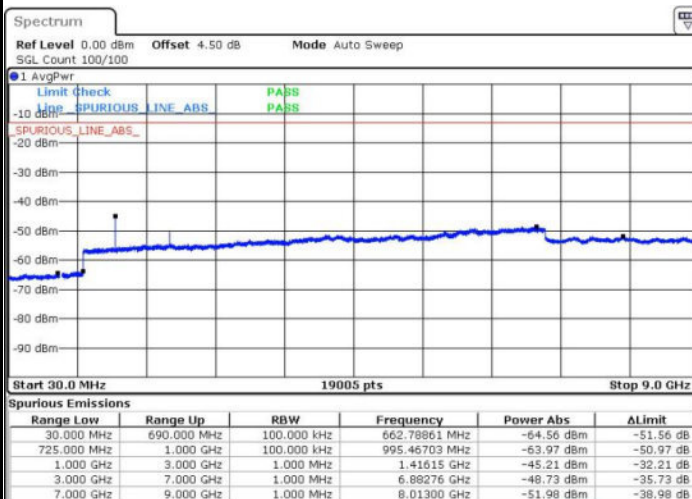
Date: 7 JUN 2016 12:00:13

Lowest Channel / 16QAM



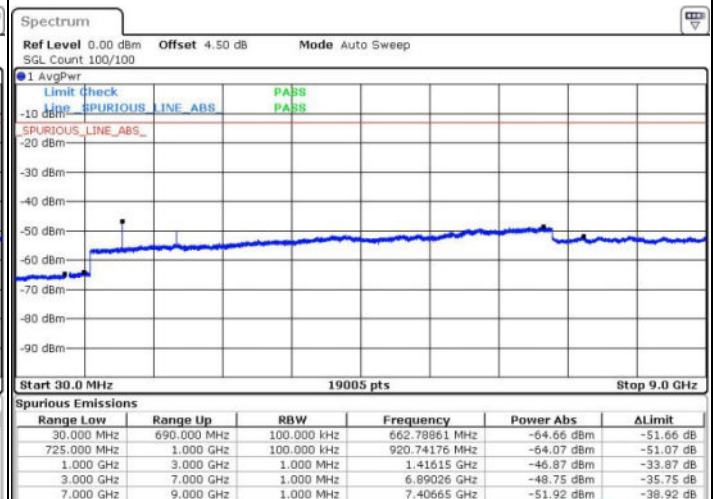
Date: 7 JUN 2016 12:01:08

Middle Channel / QPSK



Date: 7 JUN 2016 12:02:45

Middle Channel / 16QAM

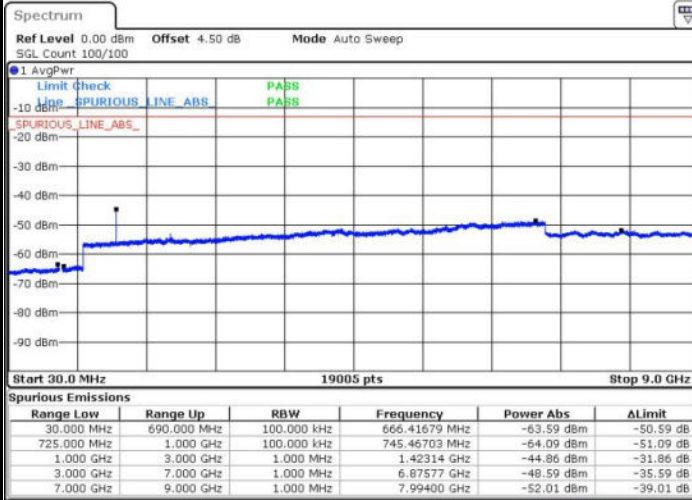


Date: 7 JUN 2016 12:03:40



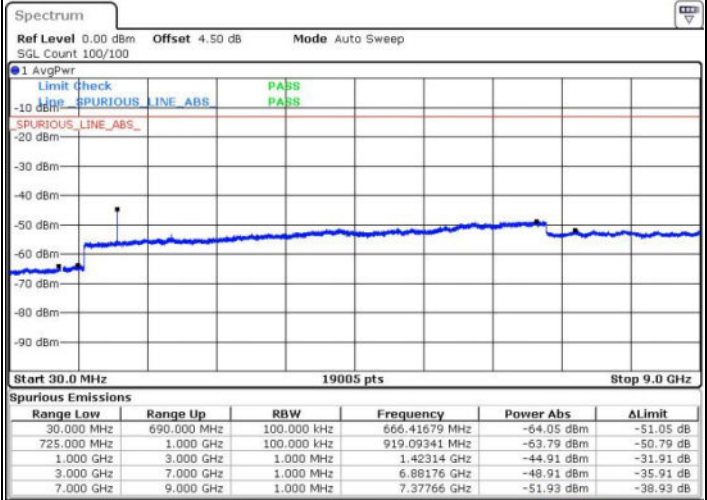
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 7 JUN 2016 12:09:48

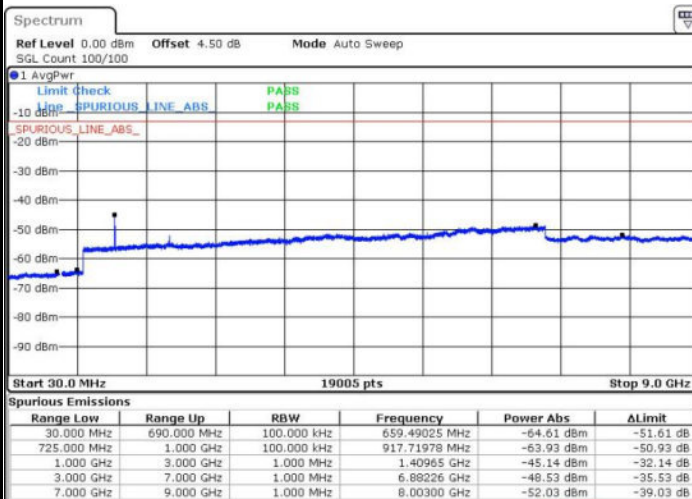
Highest Channel / 16QAM



Date: 7 JUN 2016 12:10:43

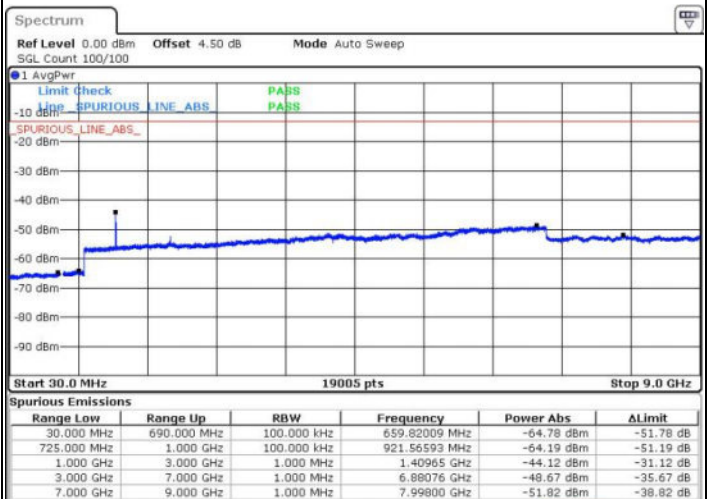
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 7 JUN 2016 12:16:52

Lowest Channel / 16QAM

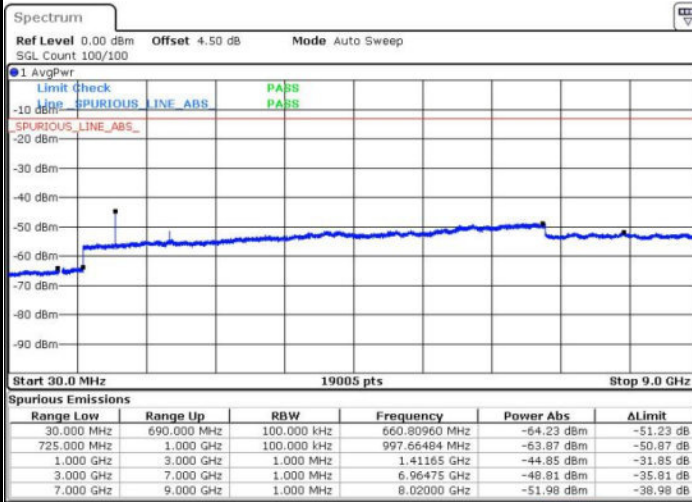


Date: 7 JUN 2016 12:17:46



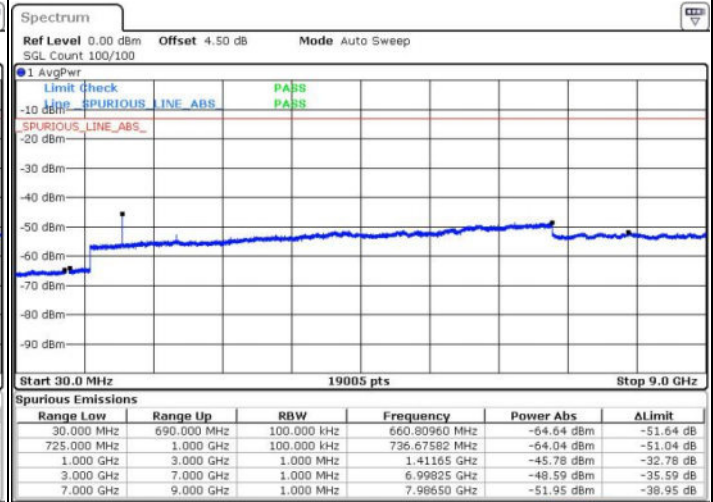
LTE Band 17 / 10MHz

Middle Channel / QPSK



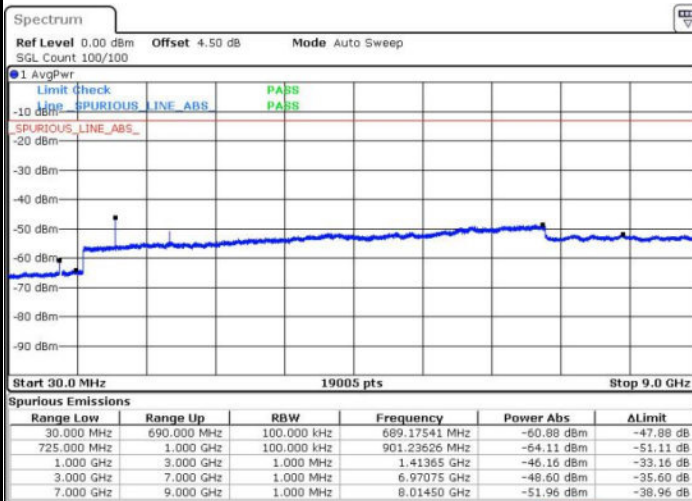
Date: 7 JUN 2016 12:19:23

Middle Channel / 16QAM



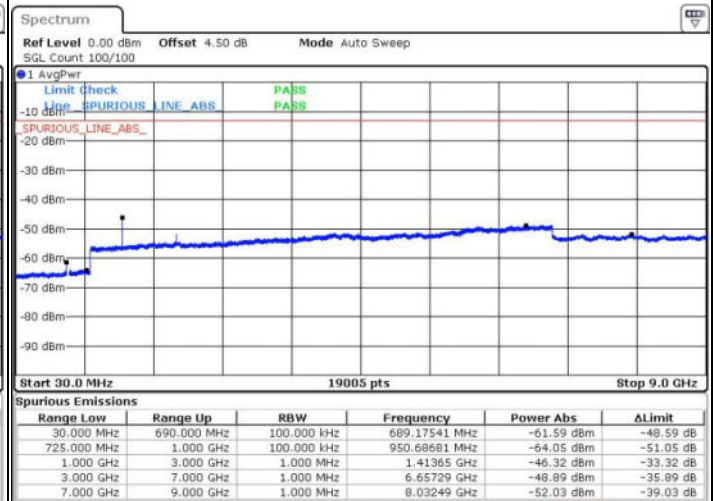
Date: 7 JUN 2016 12:20:18

Highest Channel / QPSK



Date: 7 JUN 2016 12:26:26

Highest Channel / 16QAM



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.