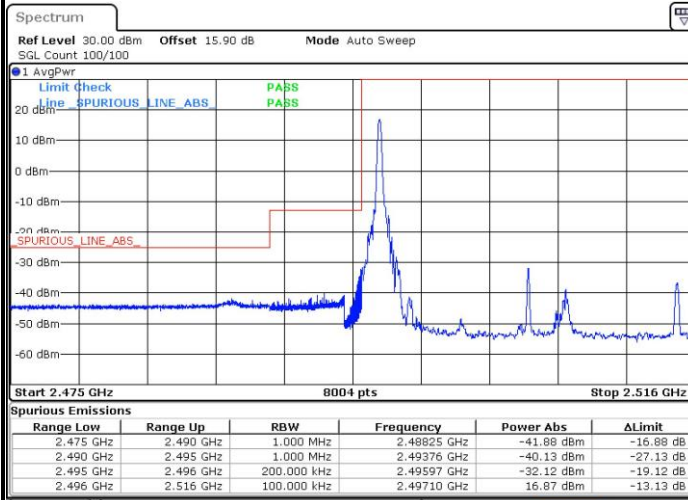


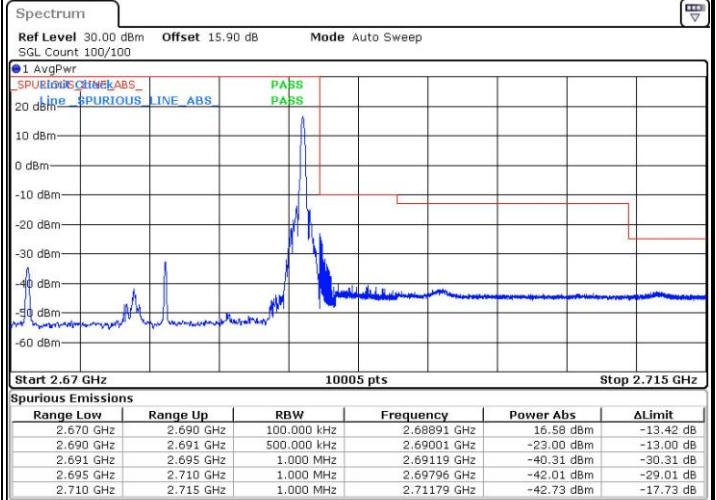


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



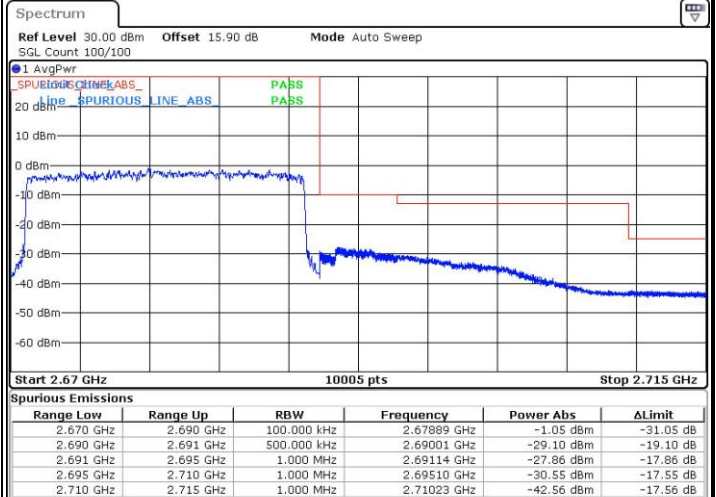
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



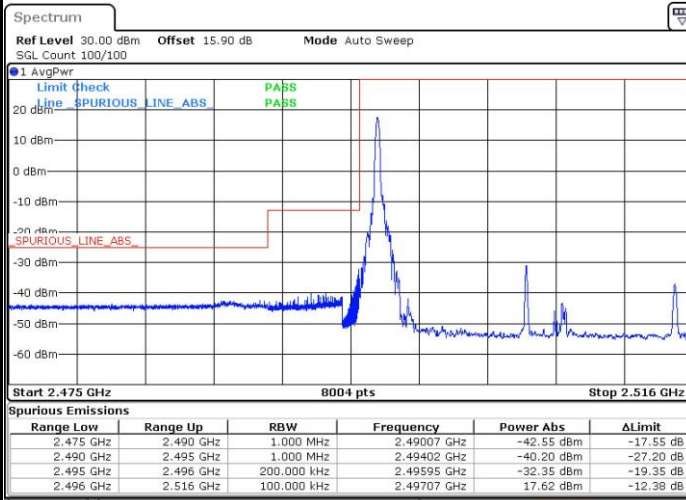
Highest Band Edge / Full RB



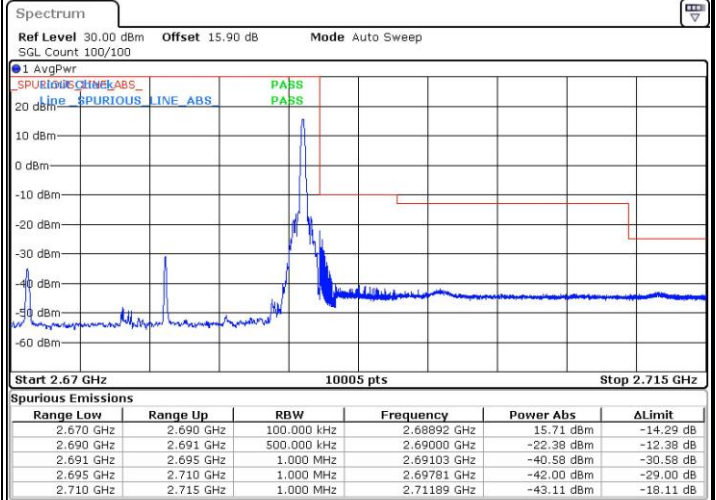


LTE Band 41 / 20MHz / 16QAM

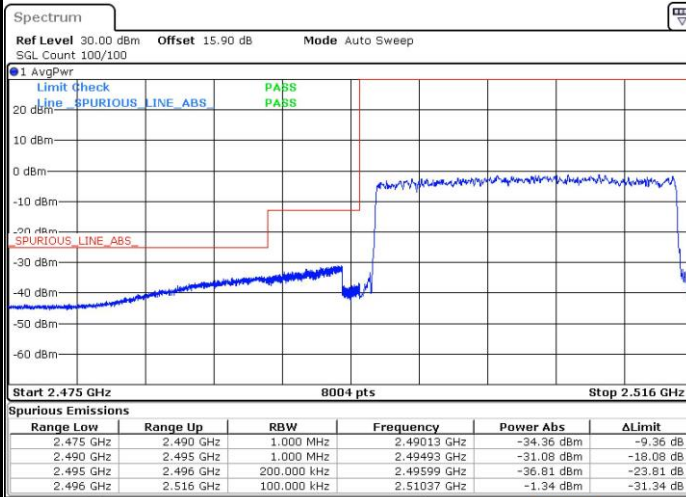
Lowest Band Edge / 1 RB



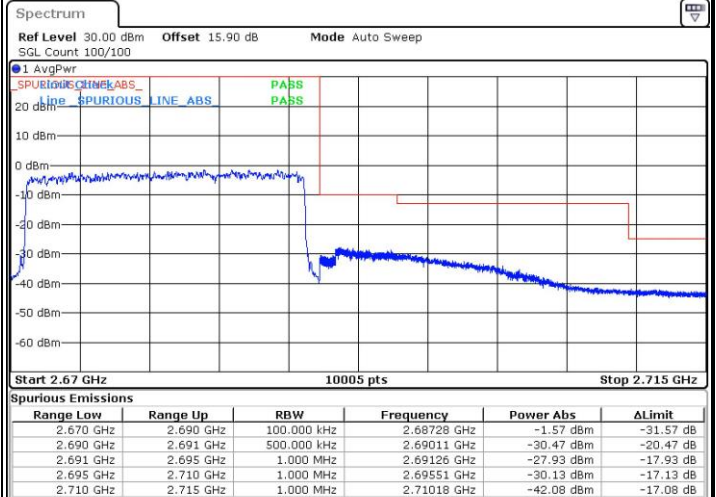
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



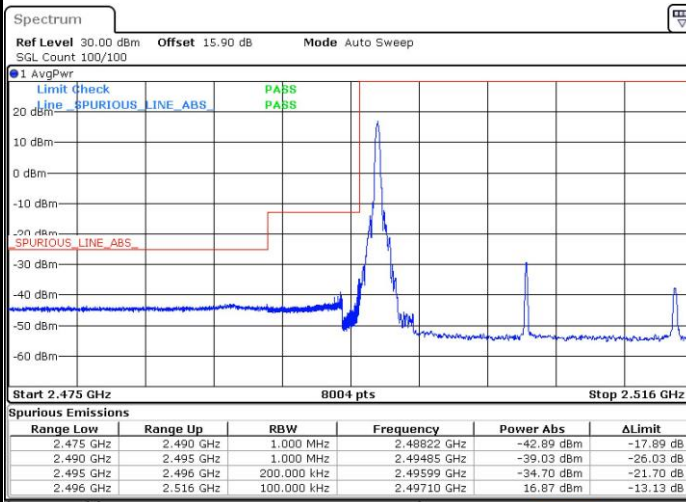
Highest Band Edge / Full RB



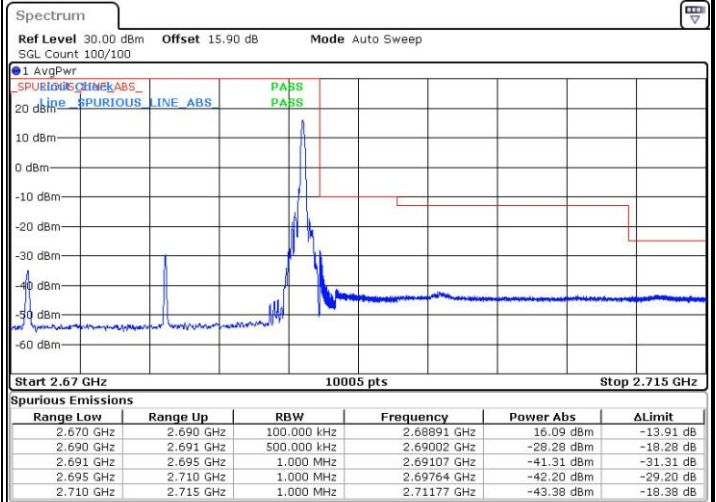


LTE Band 41 / 20MHz / 64QAM

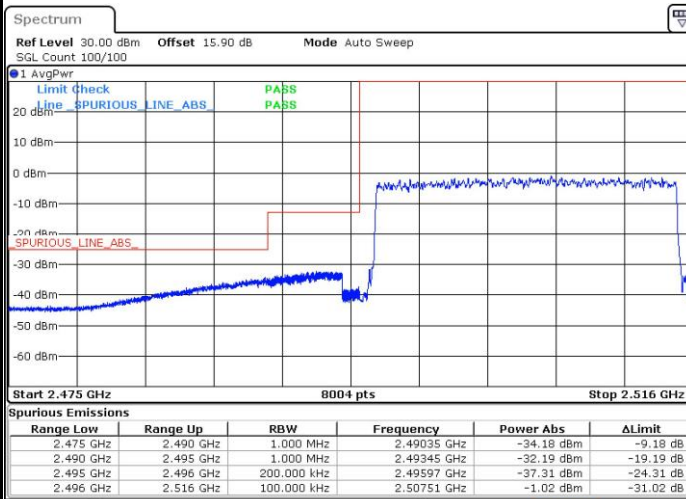
Lowest Band Edge / 1 RB



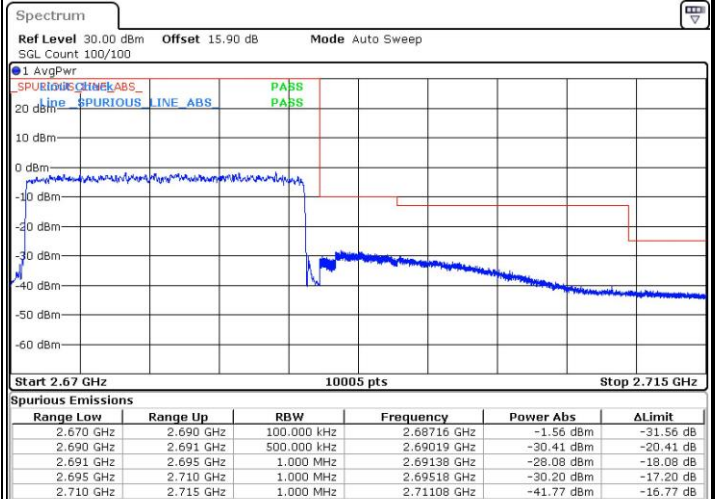
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

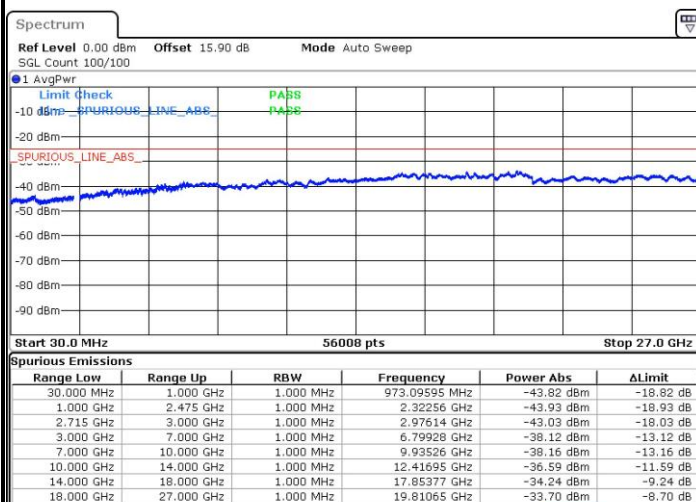




Conducted Spurious Emission

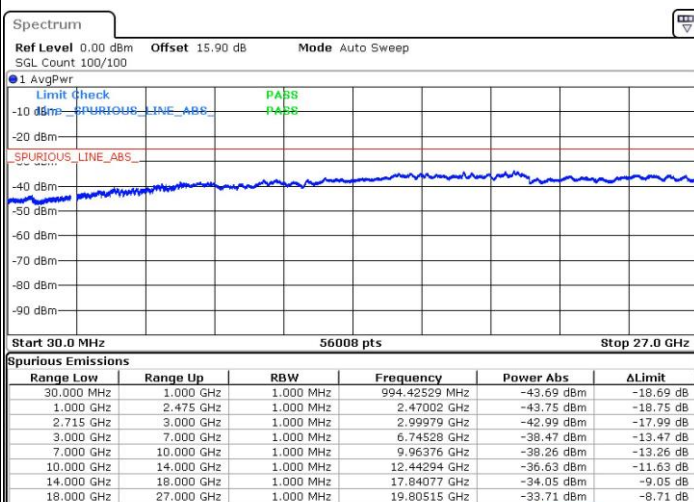
LTE Band 41 / 5MHz

Lowest Channel / QPSK



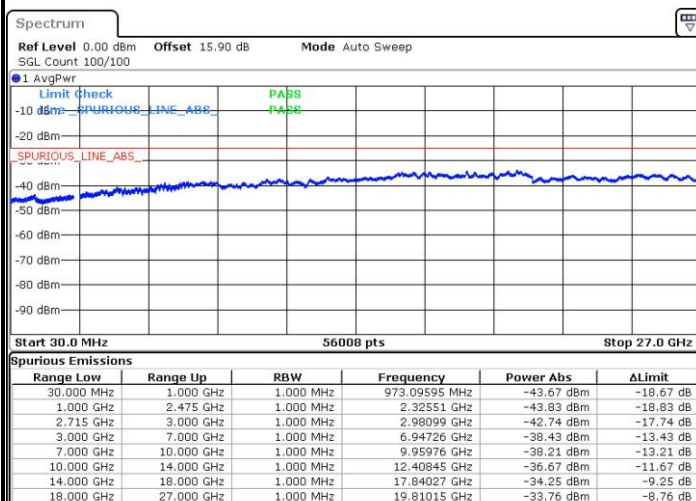
Date: 11.APR.2019 21:43:14

Lowest Channel / 16QAM



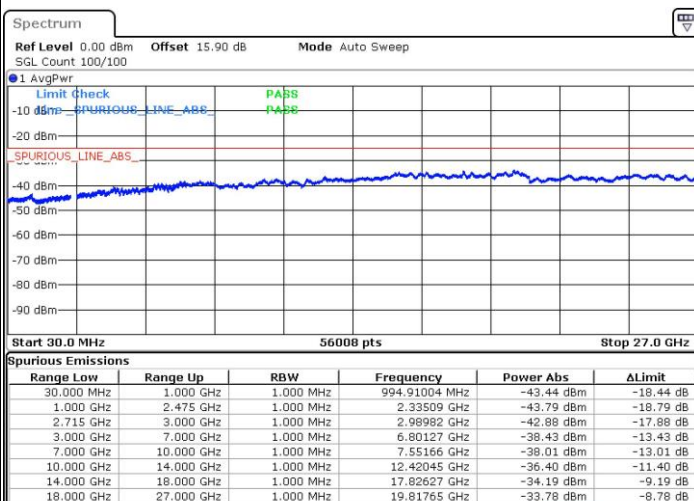
Date: 11.APR.2019 21:44:00

Middle Channel / QPSK



Date: 11.APR.2019 21:44:46

Middle Channel / 16QAM

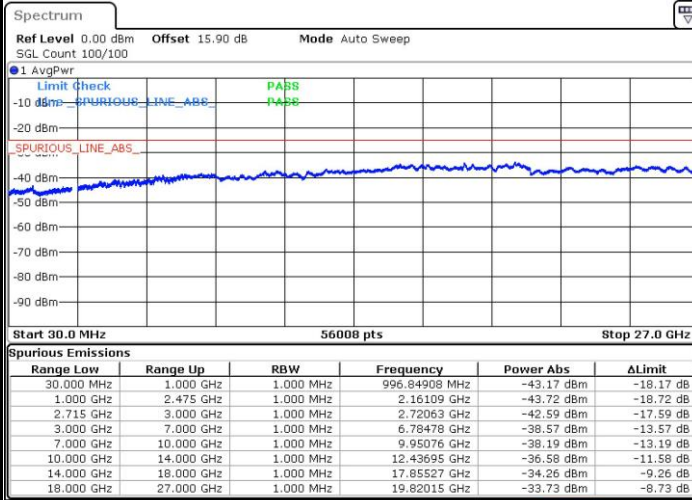


Date: 11.APR.2019 21:45:31



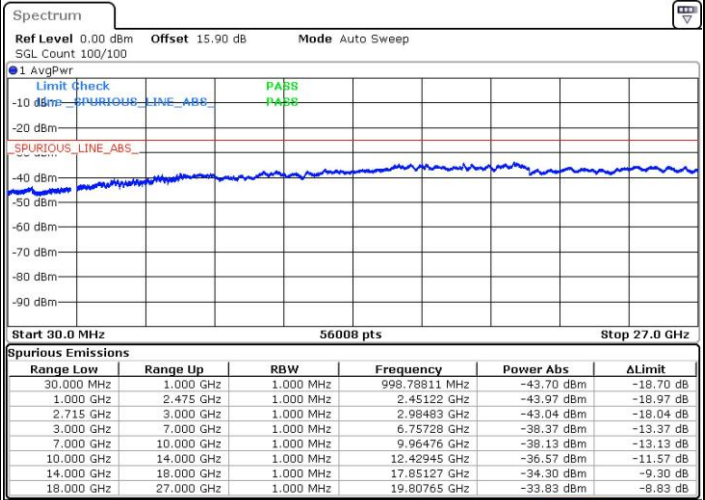
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 11 APR 2019 21:46:17

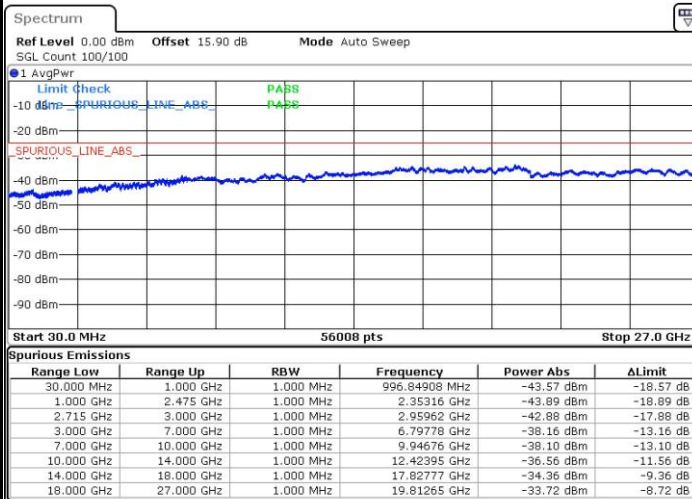
Highest Channel / 16QAM



Date: 11 APR 2019 21:47:03

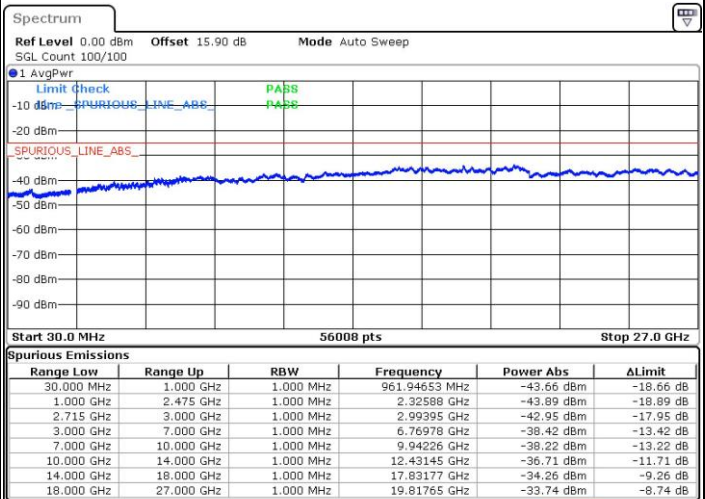
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 11 APR 2019 21:47:49

Lowest Channel / 16QAM

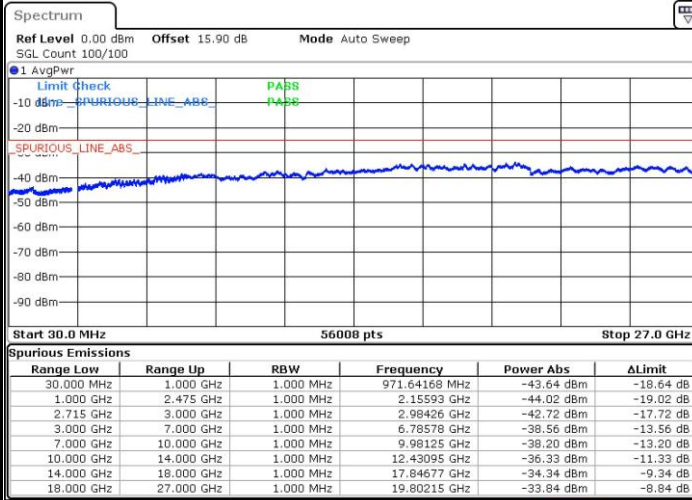


Date: 11 APR 2019 21:48:34



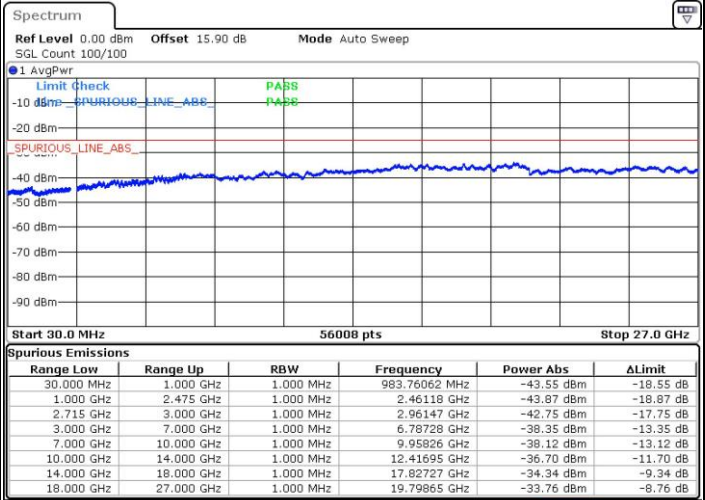
LTE Band 41 / 10MHz

Middle Channel / QPSK



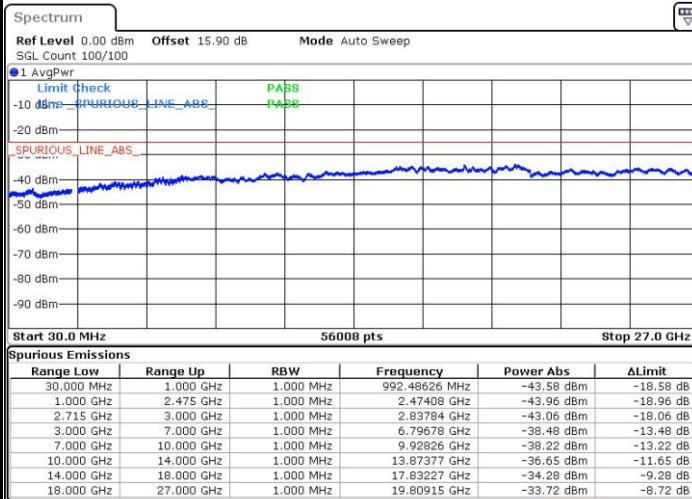
Date: 11 APR 2019 21:49:20

Middle Channel / 16QAM



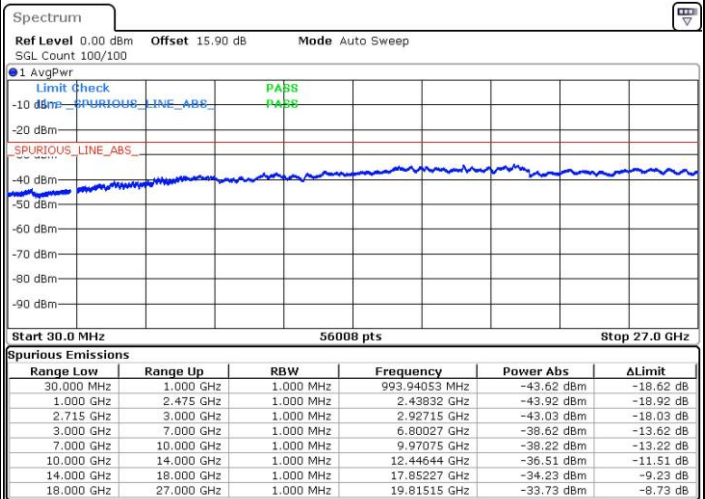
Date: 11 APR 2019 21:50:05

Highest Channel / QPSK



Date: 11 APR 2019 21:50:50

Highest Channel / 16QAM

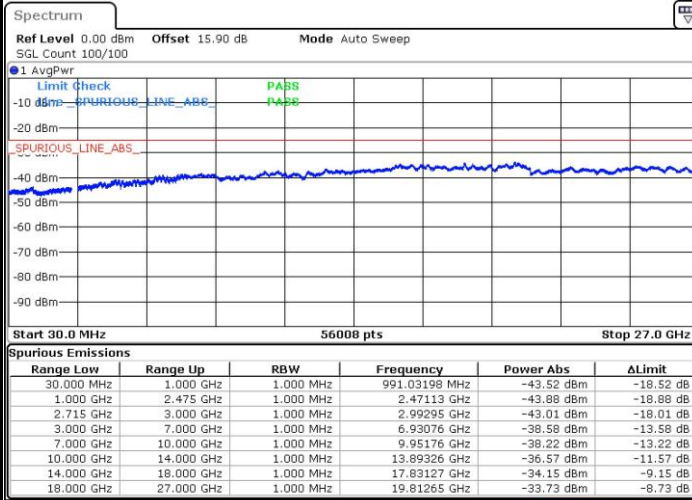


Date: 11 APR 2019 21:51:36



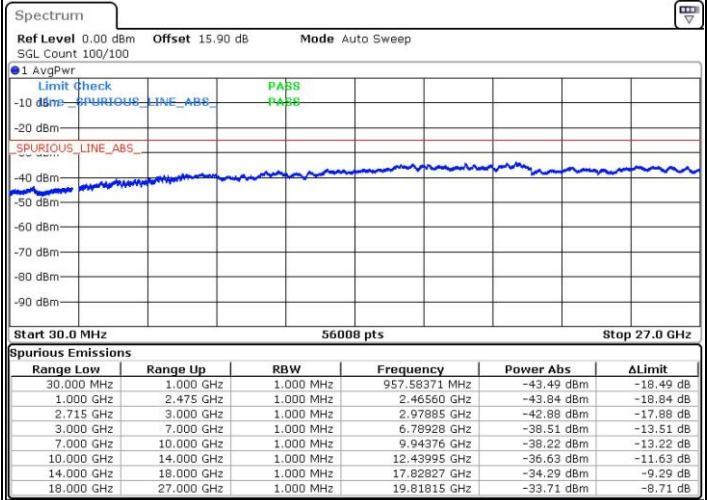
LTE Band 41 / 15MHz

Lowest Channel / QPSK



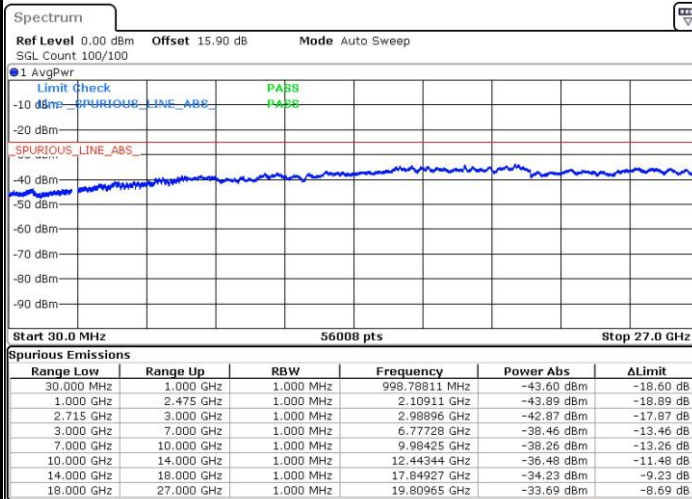
Date: 11 APR 2019 21:52:22

Lowest Channel / 16QAM



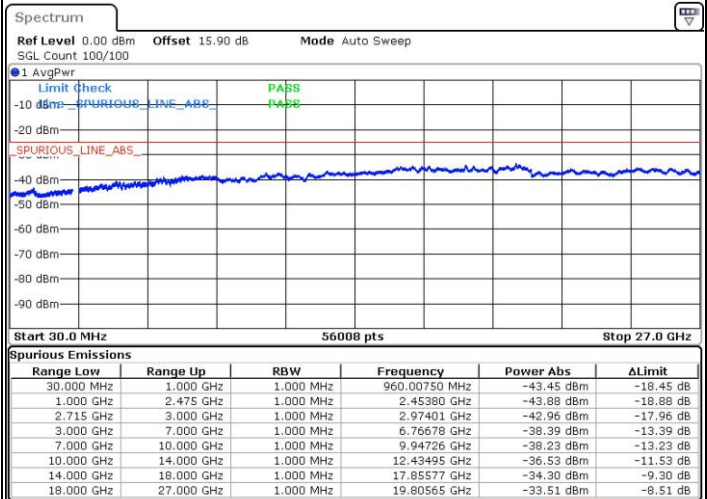
Date: 11 APR 2019 21:53:08

Middle Channel / QPSK



Date: 11 APR 2019 21:53:53

Middle Channel / 16QAM

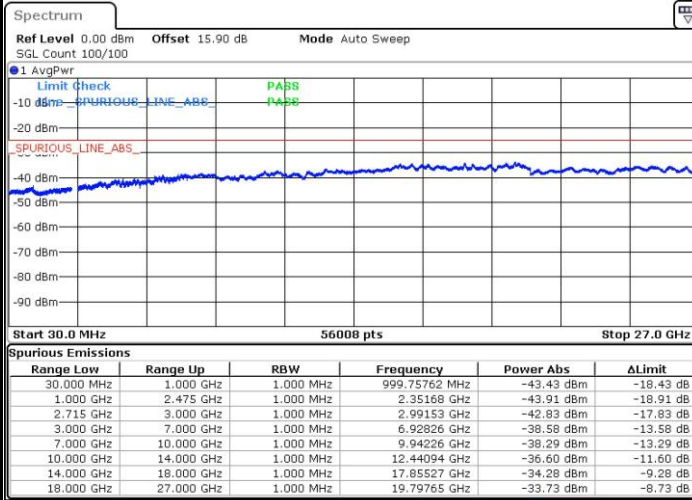


Date: 11 APR 2019 21:54:38



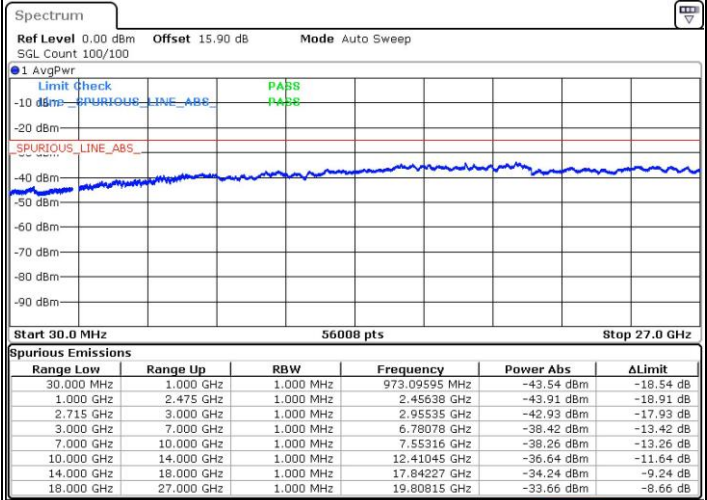
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 11 APR 2019 21:55:24

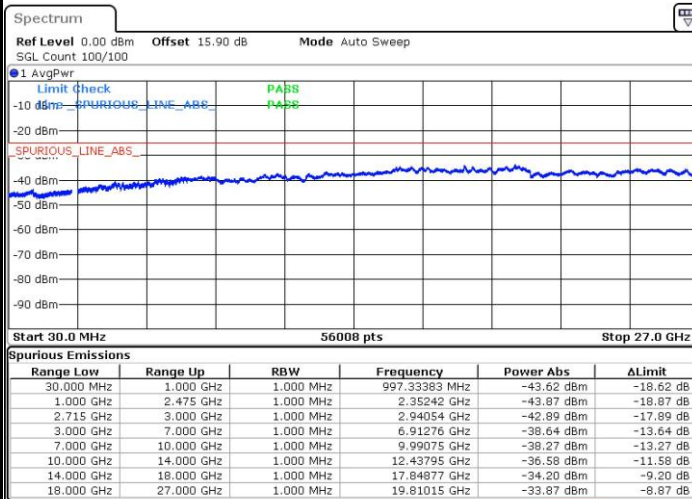
Highest Channel / 16QAM



Date: 11 APR 2019 21:56:10

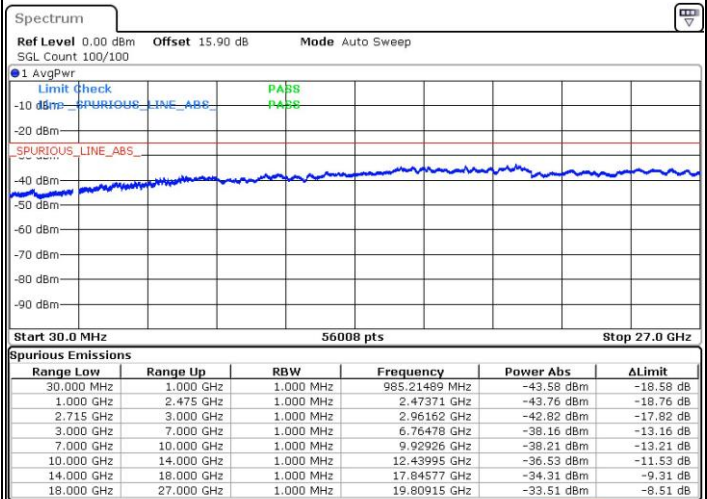
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 11 APR 2019 21:56:56

Lowest Channel / 16QAM

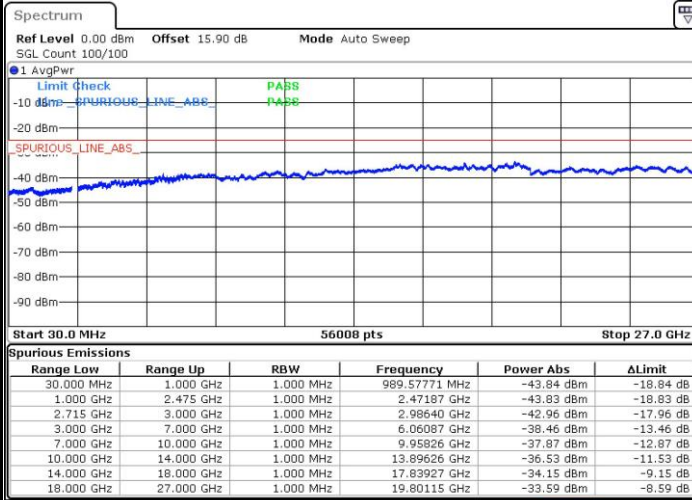


Date: 11 APR 2019 21:57:42



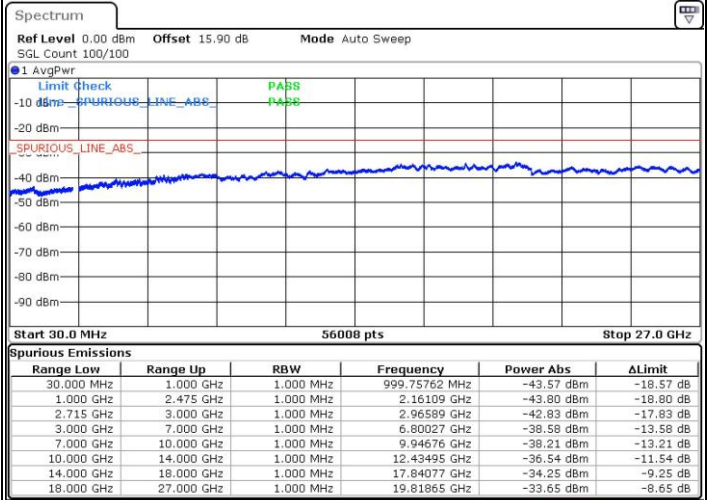
LTE Band 41 / 20MHz

Middle Channel / QPSK



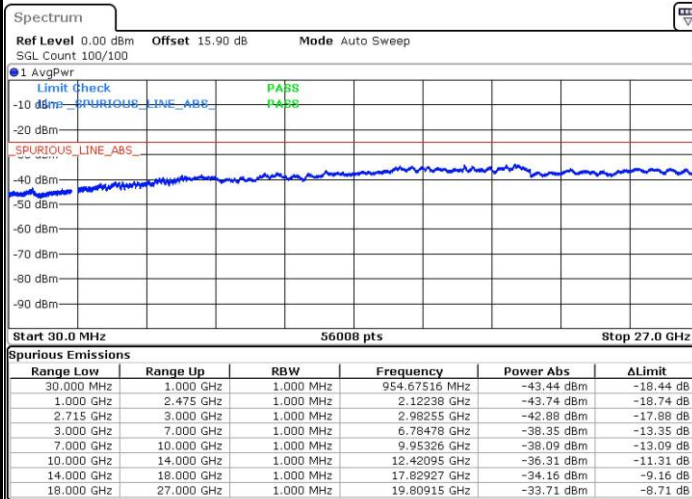
Date: 11 APR 2019 21:58:27

Middle Channel / 16QAM



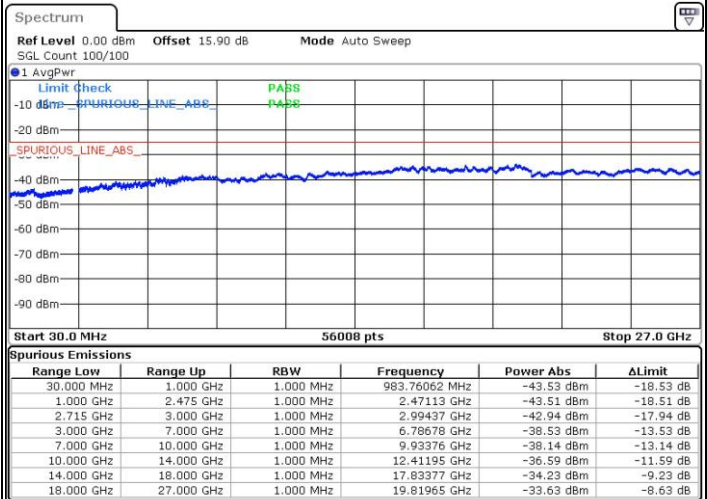
Date: 11 APR 2019 21:59:12

Highest Channel / QPSK



Date: 11 APR 2019 21:59:57

Highest Channel / 16QAM

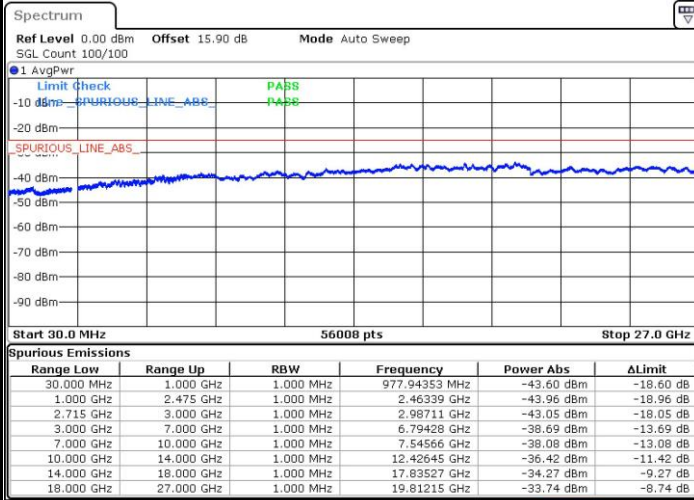


Date: 11 APR 2019 22:00:43



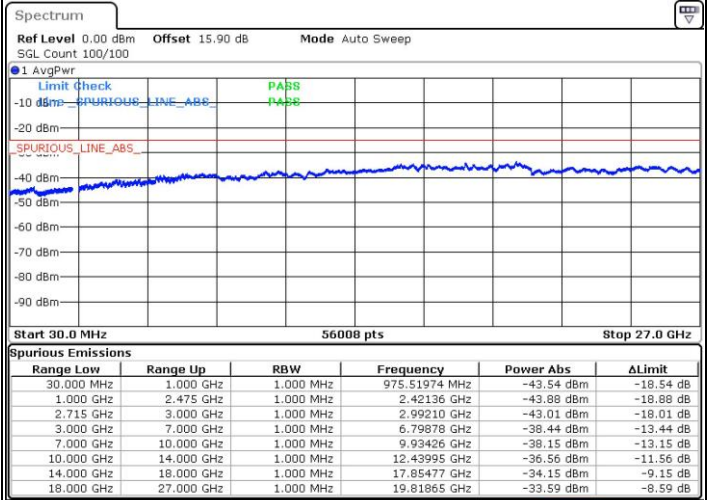
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



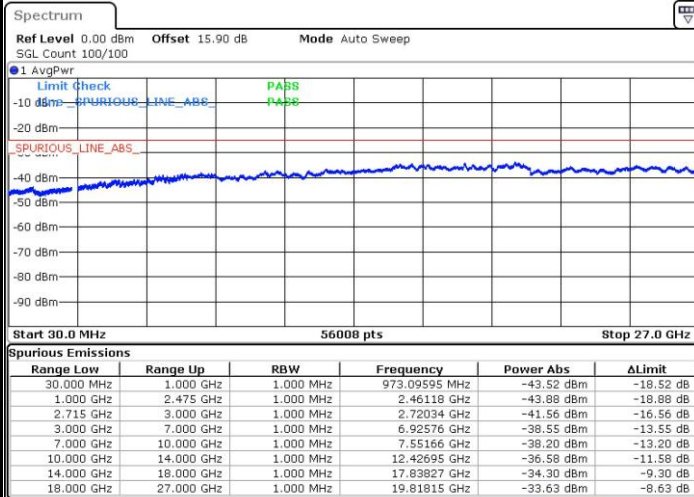
Date: 11 APR 2019 21:34:07

Middle Channel / 64QAM



Date: 11 APR 2019 21:34:52

Highest Channel / 64QAM

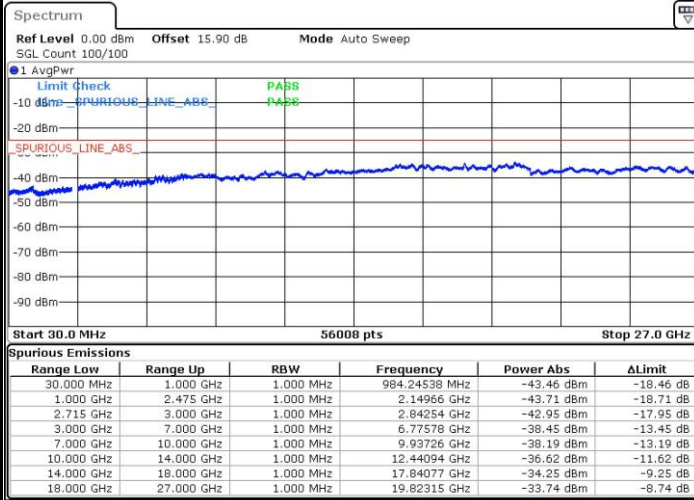


Date: 11 APR 2019 21:35:38



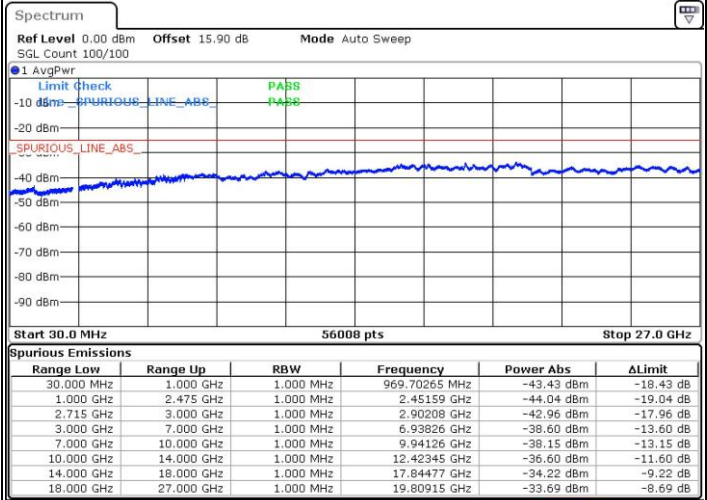
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



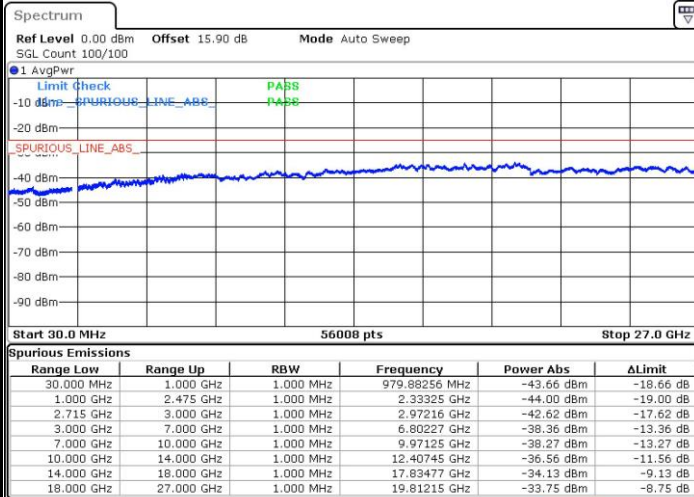
Date: 11 APR 2019 21:36:24

Middle Channel / 64QAM



Date: 11 APR 2019 21:37:09

Highest Channel / 64QAM

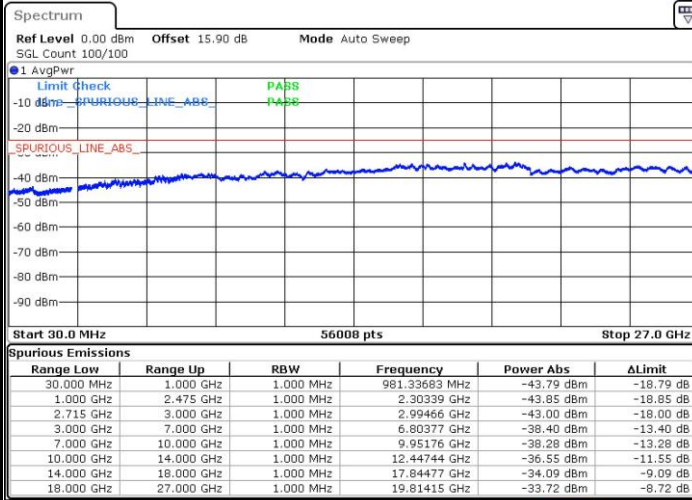


Date: 11 APR 2019 21:37:54



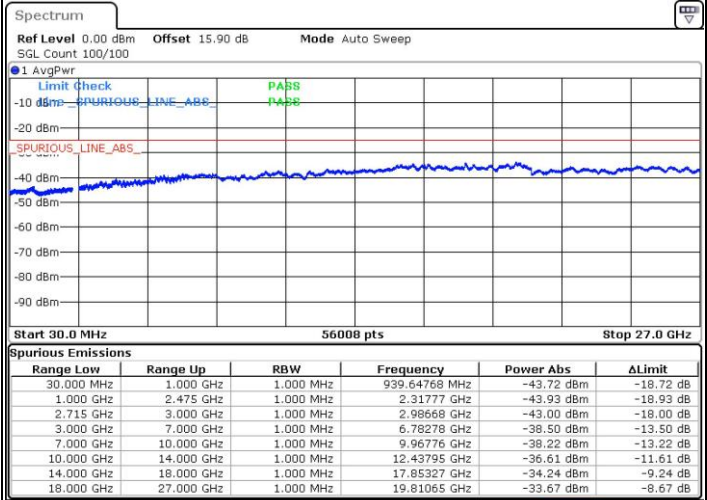
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



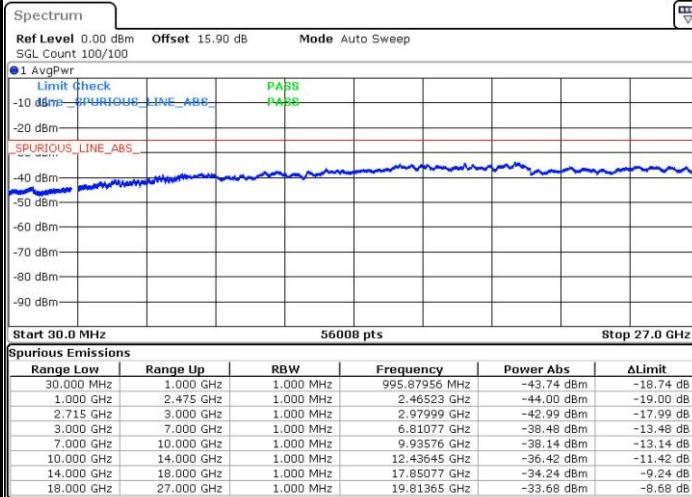
Date: 11 APR 2019 21:38:40

Middle Channel / 64QAM



Date: 11 APR 2019 21:39:26

Highest Channel / 64QAM

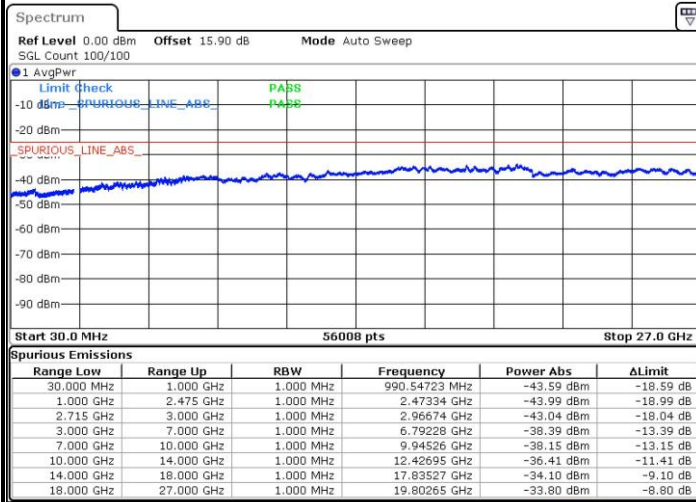


Date: 11 APR 2019 21:40:11



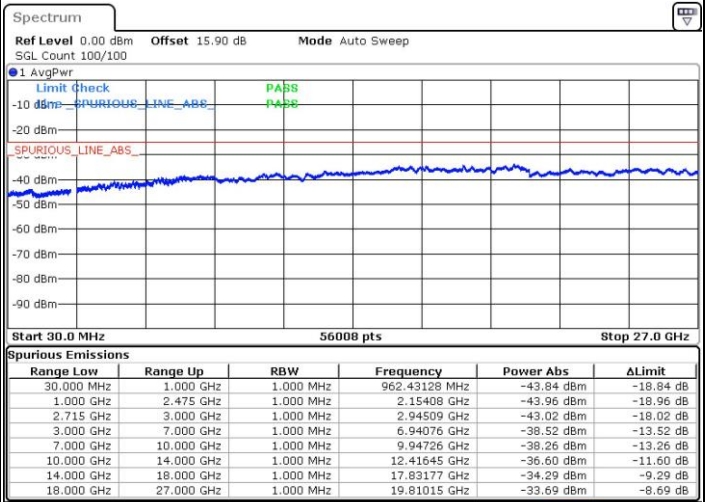
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



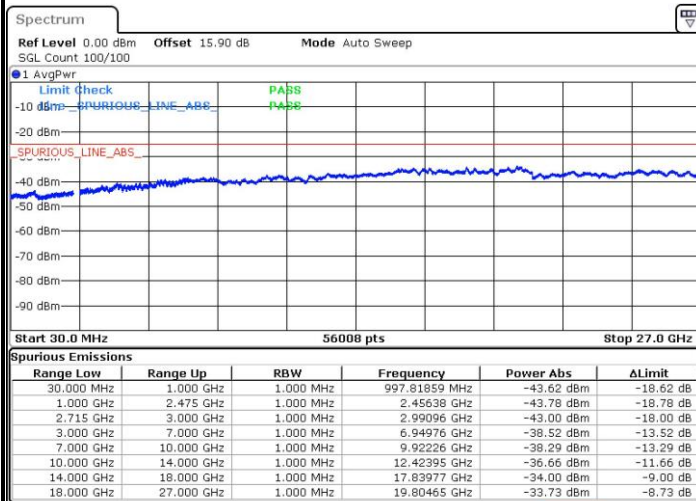
Date: 11 APR 2019 21:40:57

Middle Channel / 64QAM



Date: 11 APR 2019 21:41:42

Highest Channel / 64QAM



Date: 11 APR 2019 21:42:28

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

Note:

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



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

ERP/EIRP

<Fully testing band>

LTE Band 4 / 1.4MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	21.49	0.1409	19.49	0.0889
Middle		1	3	21.49	0.1409	19.49	0.0889
Highest		1	3	21.65	0.1462	19.65	0.0923
Lowest	16QAM	1	3	21.60	0.1445	19.60	0.0912
Middle		1	3	21.66	0.1466	19.66	0.0925
Highest		1	3	21.81	0.1517	19.81	0.0957
Lowest	64QAM	1	3	21.22	0.1324	19.22	0.0836
Middle		1	3	21.29	0.1346	19.29	0.0849
Highest		1	3	21.41	0.1384	19.41	0.0873
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	21.51	0.1416	19.51	0.0893
Middle		8	4	21.55	0.1429	19.55	0.0902
Highest		8	4	21.67	0.1469	19.67	0.0927
Lowest	16QAM	1	8	21.73	0.1489	19.73	0.0940
Middle		1	8	21.64	0.1459	19.64	0.0920
Highest		1	8	21.80	0.1514	19.80	0.0955
Lowest	64QAM	1	8	21.31	0.1352	19.31	0.0853
Middle		1	8	21.28	0.1343	19.28	0.0847
Highest		1	8	21.43	0.1390	19.43	0.0877
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	21.64	0.1459	19.64	0.0920
Middle		12	7	21.59	0.1442	19.59	0.0910
Highest		12	7	21.74	0.1493	19.74	0.0942
Lowest	16QAM	1	12	21.76	0.1500	19.76	0.0946
Middle		1	12	21.70	0.1479	19.70	0.0933
Highest		1	12	21.82	0.1521	19.82	0.0959
Lowest	64QAM	1	12	21.34	0.1361	19.34	0.0859
Middle		1	12	21.31	0.1352	19.31	0.0853
Highest		1	12	21.42	0.1387	19.42	0.0875
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.52	0.1419	19.52	0.0895
Middle		1	0	21.63	0.1455	19.63	0.0918
Highest		1	0	21.69	0.1476	19.69	0.0931
Lowest	16QAM	1	49	21.73	0.1489	19.73	0.0940
Middle		1	49	21.77	0.1503	19.77	0.0948
Highest		1	49	21.82	0.1521	19.82	0.0959
Lowest	64QAM	1	0	21.27	0.1340	19.27	0.0845
Middle		1	0	21.44	0.1393	19.44	0.0879
Highest		1	0	21.48	0.1406	19.48	0.0887
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	21.64	0.1459	19.64	0.0920
Middle		36	20	21.60	0.1445	19.60	0.0912
Highest		36	20	21.68	0.1472	19.68	0.0929
Lowest	16QAM	1	37	21.81	0.1517	19.81	0.0957
Middle		1	37	21.66	0.1466	19.66	0.0925
Highest		1	37	21.72	0.1486	19.72	0.0938
Lowest	64QAM	1	37	21.40	0.1380	19.40	0.0871
Middle		1	37	21.30	0.1349	19.30	0.0851
Highest		1	37	21.36	0.1368	19.36	0.0863
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.83	0.1524	19.83	0.0962
Middle		1	0	21.54	0.1426	19.54	0.0899
Highest		1	0	21.60	0.1445	19.60	0.0912
Lowest	16QAM	1	49	21.81	0.1517	19.81	0.0957
Middle		1	49	21.67	0.1469	19.67	0.0927
Highest		1	49	21.76	0.1500	19.76	0.0946
Lowest	64QAM	1	49	21.47	0.1403	19.47	0.0885
Middle		1	49	21.31	0.1352	19.31	0.0853
Highest		1	49	21.33	0.1358	19.33	0.0857
Limit	EIRP < 1W			Result		PASS	

**<Spotcheck band>**

LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	23.02	0.2004	18.57	0.0719
Middle		1	3	22.96	0.1977	18.51	0.0710
Highest		1	3	23.11	0.2046	18.66	0.0735
Lowest	16QAM	1	3	22.30	0.1698	17.85	0.0610
Middle		1	3	22.27	0.1687	17.82	0.0605
Highest		1	3	22.40	0.1738	17.95	0.0624
Lowest	64QAM	1	3	21.22	0.1324	16.77	0.0475
Middle		1	3	21.23	0.1327	16.78	0.0476
Highest		1	3	21.34	0.1361	16.89	0.0489
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.02	0.2004	18.57	0.0719
Middle		1	8	22.96	0.1977	18.51	0.0710
Highest		1	8	23.11	0.2046	18.66	0.0735
Lowest	16QAM	1	8	22.30	0.1698	17.85	0.0610
Middle		1	8	22.30	0.1698	17.85	0.0610
Highest		1	8	22.43	0.1750	17.98	0.0628
Lowest	64QAM	1	8	21.24	0.1330	16.79	0.0478
Middle		1	8	21.22	0.1324	16.77	0.0475
Highest		1	8	21.35	0.1365	16.90	0.0490
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.02	0.2004	18.57	0.0719
Middle		1	12	22.97	0.1982	18.52	0.0711
Highest		1	12	23.10	0.2042	18.65	0.0733
Lowest	16QAM	1	12	22.27	0.1687	17.82	0.0605
Middle		1	12	22.30	0.1698	17.85	0.0610
Highest		1	12	22.47	0.1766	18.02	0.0634
Lowest	64QAM	1	12	21.24	0.1330	16.79	0.0478
Middle		1	12	21.23	0.1327	16.78	0.0476
Highest		1	12	21.37	0.1371	16.92	0.0492
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.95	0.1972	18.50	0.0708
Middle		1	49	23.04	0.2014	18.59	0.0723
Highest		1	49	23.12	0.2051	18.67	0.0736
Lowest	16QAM	1	49	22.30	0.1698	17.85	0.0610
Middle		1	49	22.44	0.1754	17.99	0.0630
Highest		1	49	22.42	0.1746	17.97	0.0627
Lowest	64QAM	1	49	21.20	0.1318	16.75	0.0473
Middle		1	49	21.36	0.1368	16.91	0.0491
Highest		1	49	21.35	0.1365	16.90	0.0490
Limit	ERP < 7W			Result		PASS	



<Spotcheck band>

LTE Band 12 / 1.4MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.40	0.1738	15.95	0.0394
Middle		3	1	22.39	0.1734	15.94	0.0393
Highest		3	1	22.43	0.1750	15.98	0.0396
Lowest	16QAM	1	0	22.54	0.1795	16.09	0.0406
Middle		1	0	22.41	0.1742	15.96	0.0394
Highest		1	0	22.12	0.1629	15.67	0.0369
Lowest	64QAM	1	3	21.60	0.1445	15.15	0.0327
Middle		1	3	21.42	0.1387	14.97	0.0314
Highest		1	3	21.12	0.1294	14.67	0.0293
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.38	0.1730	15.93	0.0392
Middle		1	0	22.38	0.1730	15.93	0.0392
Highest		1	0	22.46	0.1762	16.01	0.0399
Lowest	16QAM	1	0	22.56	0.1803	16.11	0.0408
Middle		1	0	22.50	0.1778	16.05	0.0403
Highest		1	0	22.34	0.1714	15.89	0.0388
Lowest	64QAM	1	0	21.47	0.1403	15.02	0.0318
Middle		1	0	21.43	0.1390	14.98	0.0315
Highest		1	0	21.38	0.1374	14.93	0.0311
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.38	0.1730	15.93	0.0392
Middle		1	12	22.37	0.1726	15.92	0.0391
Highest		1	12	22.47	0.1766	16.02	0.0400
Lowest	16QAM	1	0	22.53	0.1791	16.08	0.0406
Middle		1	0	22.52	0.1786	16.07	0.0405
Highest		1	0	22.53	0.1791	16.08	0.0406
Lowest	64QAM	1	0	21.45	0.1396	15.00	0.0316
Middle		1	0	21.45	0.1396	15.00	0.0316
Highest		1	0	21.45	0.1396	15.00	0.0316
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.42	0.1746	15.97	0.0395
Middle		1	49	22.63	0.1832	16.18	0.0415
Highest		1	49	22.49	0.1774	16.04	0.0402
Lowest	16QAM	1	49	22.51	0.1782	16.06	0.0404
Middle		1	49	22.59	0.1816	16.14	0.0411
Highest		1	49	22.12	0.1629	15.67	0.0369
Lowest	64QAM	1	49	21.51	0.1416	15.06	0.0321
Middle		1	49	21.49	0.1409	15.04	0.0319
Highest		1	49	21.17	0.1309	14.72	0.0296
Limit	ERP < 3W			Result		PASS	

**<Spotcheck band>**

LTE Band 17 / 5MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.46	0.1762	16.01	0.0399
Middle		1	24	22.53	0.1791	16.08	0.0406
Highest		1	24	22.68	0.1854	16.23	0.0420
Lowest	16QAM	1	0	22.29	0.1694	15.84	0.0384
Middle		1	0	22.34	0.1714	15.89	0.0388
Highest		1	0	22.54	0.1795	16.09	0.0406
Lowest	64QAM	1	0	21.24	0.1330	14.79	0.0301
Middle		1	0	21.26	0.1337	14.81	0.0303
Highest		1	0	21.45	0.1396	15.00	0.0316
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -4.3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	22.55	0.1799	16.10	0.0407
Middle		1	49	22.62	0.1828	16.17	0.0414
Highest		1	49	22.71	0.1866	16.26	0.0423
Lowest	16QAM	1	25	22.48	0.1770	16.03	0.0401
Middle		1	25	22.44	0.1754	15.99	0.0397
Highest		1	25	22.55	0.1799	16.10	0.0407
Lowest	64QAM	1	25	21.38	0.1374	14.93	0.0311
Middle		1	25	21.36	0.1368	14.91	0.0310
Highest		1	25	21.44	0.1393	14.99	0.0316
Limit	ERP < 3W			Result		PASS	


<Fully testing band>

LTE Band 41 / 5MHz (Average) (GT - LC = 2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	0	20.26	0.1062	22.86	0.1932
Middle		12	0	20.05	0.1012	22.65	0.1841
Highest		12	0	20.06	0.1014	22.66	0.1845
Lowest	16QAM	1	12	20.11	0.1026	22.71	0.1866
Middle		1	12	19.98	0.0995	22.58	0.1811
Highest		1	12	20.02	0.1005	22.62	0.1828
Lowest	64QAM	25	0	19.84	0.0964	22.44	0.1754
Middle		25	0	19.67	0.0927	22.27	0.1687
Highest		25	0	19.71	0.0935	22.31	0.1702
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	20.32	0.1076	22.92	0.1959
Middle		50	0	20.06	0.1014	22.66	0.1845
Highest		50	0	19.99	0.0998	22.59	0.1816
Lowest	16QAM	1	0	20.19	0.1045	22.79	0.1901
Middle		1	0	20.05	0.1012	22.65	0.1841
Highest		1	0	20.06	0.1014	22.66	0.1845
Lowest	64QAM	25	25	19.92	0.0982	22.52	0.1786
Middle		25	25	19.68	0.0929	22.28	0.1690
Highest		25	25	19.72	0.0938	22.32	0.1706
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	0	20.36	0.1086	22.96	0.1977
Middle		36	0	20.12	0.1028	22.72	0.1871
Highest		36	0	20.10	0.1023	22.70	0.1862
Lowest	16QAM	1	0	20.25	0.1059	22.85	0.1928
Middle		1	0	20.09	0.1021	22.69	0.1858
Highest		1	0	20.06	0.1014	22.66	0.1845
Lowest	64QAM	36	0	19.96	0.0991	22.56	0.1803
Middle		36	0	19.69	0.0931	22.29	0.1694
Highest		36	0	19.72	0.0938	22.32	0.1706
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.49	0.1119	23.09	0.2037
Middle		1	0	20.13	0.1030	22.73	0.1875
Highest		1	0	20.13	0.1030	22.73	0.1875
Lowest	16QAM	1	0	20.45	0.1109	23.05	0.2018
Middle		1	0	20.11	0.1026	22.71	0.1866
Highest		1	0	20.15	0.1035	22.75	0.1884
Lowest	64QAM	50	0	20.10	0.1023	22.70	0.1862
Middle		50	0	19.71	0.0935	22.31	0.1702
Highest		50	0	19.71	0.0935	22.31	0.1702
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission**

<Fully testing band>

LTE Band 4

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-58.26	-13	-45.26	-79.15	-64.33	1.58	7.65	H
	5130	-54.48	-13	-41.48	-78.81	-61.77	2.41	9.70	H
	6840	-51.96	-13	-38.96	-79.04	-59.93	2.64	10.61	H
									H
									H
									H
	3420	-58.13	-13	-45.13	-79.07	-64.2	1.58	7.65	V
	5130	-54.31	-13	-41.31	-78.48	-61.6	2.41	9.70	V
	6840	-51.89	-13	-38.89	-78.92	-59.86	2.64	10.61	V
									V
									V
									V
Middle	3445	-57.67	-13	-44.67	-78.72	-63.84	1.59	7.76	H
	5167	-53.95	-13	-40.95	-78.37	-61.22	2.43	9.70	H
	6890	-51.60	-13	-38.60	-78.71	-59.64	2.63	10.67	H
									H
									H
									H
	3445	-58.23	-13	-45.23	-79.25	-64.4	1.59	7.76	V
	5167	-54.20	-13	-41.20	-78.47	-61.47	2.43	9.70	V
	6890	-51.83	-13	-38.83	-78.91	-59.87	2.63	10.67	V
									V
									V
									V



Highest	3470	-57.63	-13	-44.63	-78.76	-63.9	1.59	7.87	H
	5205	-53.90	-13	-40.90	-78.41	-61.14	2.46	9.70	H
	6940	-51.50	-13	-38.50	-78.68	-59.62	2.61	10.73	H
									H
									H
									H
									H
	3470	-57.76	-13	-44.76	-78.82	-64.03	1.59	7.87	V
	5205	-53.79	-13	-40.79	-78.16	-61.03	2.46	9.70	V
	6940	-51.22	-13	-38.22	-78.4	-59.34	2.61	10.73	V
									V
									V
									V
									V

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



<Spotcheck band>

LTE Band 5

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1682	-63.37	-13	-50.37	-75.87	-65.02	0.99	4.79	H
	2523	-59.89	-13	-46.89	-77.35	-61.86	1.30	5.42	H
	3364	-58.28	-13	-45.28	-78.1	-61.97	1.56	7.40	H
									H
									H
									H
									H
	1682	-62.87	-13	-49.87	-75.81	-64.52	0.99	4.79	V
	2523	-59.27	-13	-46.27	-77.24	-61.24	1.30	5.42	V
	3364	-58.34	-13	-45.34	-78.35	-62.03	1.56	7.40	V
									V
									V
									V
									V

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



<Spotcheck band>

LTE Band 12

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1425	-57.59	-13.00	-44.59	-68.45	-59.40	0.88	4.84	H
	2137	-60.98	-13.00	-47.98	-77.03	-61.96	1.18	4.31	H
	2850	-59.89	-13.00	-46.89	-77.95	-62.02	1.40	5.68	H
									H
									H
									H
									H
	1425	-55.71	-13.00	-42.71	-67.06	-57.52	0.88	4.84	V
	2137	-60.36	-13.00	-47.36	-76.76	-61.34	1.18	4.31	V
	2850	-59.17	-13.00	-46.17	-78.07	-61.30	1.40	5.68	V
									V
									V
									V
									V

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



<Spotcheck band>

LTE Band 17

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1430	-62.07	-13	-49.07	-72.68	-63.91	0.88	4.87	H
	2145	-61.06	-13	-48.06	-76.83	-62.07	1.18	4.34	H
	2860	-60.44	-13	-47.44	-78.23	-62.57	1.40	5.69	H
									H
									H
									H
									H
	1430	-62.29	-13	-49.29	-73.36	-64.13	0.88	4.87	V
	2145	-60.66	-13	-47.66	-76.79	-61.67	1.18	4.34	V
	2860	-59.31	-13	-46.31	-77.94	-61.44	1.40	5.69	V
									V
									V
									V
									V

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



<Fully testing band>

LTE Band 41

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-54.78	-25	-29.78	-78.77	-62.13	2.33	9.68	H
	7488	-51.15	-25	-26.15	-78.57	-60.49	2.43	11.78	H
	9984	-45.72	-25	-20.72	-77.43	-55.24	2.69	12.21	H
									H
									H
									H
	4992	-54.78	-25	-29.78	-78.57	-62.13	2.33	9.68	V
	7488	-50.90	-25	-25.90	-78.56	-60.24	2.43	11.78	V
	9984	-45.50	-25	-20.50	-77.17	-55.02	2.69	12.21	V
									V
									V
									V
Middle	5166	-53.91	-25	-28.91	-78.33	-61.18	2.43	9.70	H
	7749	-49.11	-25	-24.11	-77.17	-58.71	2.35	11.95	H
	10332	-45.87	-25	-20.87	-78.47	-55.51	2.69	12.33	H
									H
									H
									H
	5166	-53.67	-25	-28.67	-77.94	-60.94	2.43	9.70	V
	7749	-48.89	-25	-23.89	-77.24	-58.49	2.35	11.95	V
	10332	-46.20	-25	-21.20	-78.67	-55.84	2.69	12.33	V
									V
									V
									V



Highest	5340	-53.41	-25	-28.41	-78.27	-60.58	2.53	9.70	H
	8010	-49.57	-25	-24.57	-78.25	-59.41	2.27	12.11	H
	10680	-44.56	-25	-19.56	-78.09	-54.31	2.69	12.44	H
									H
									H
									H
									H
	5340	-53.69	-25	-28.69	-78.47	-60.86	2.53	9.70	V
	8010	-49.58	-25	-24.58	-78.6	-59.42	2.27	12.11	V
	10680	-45.19	-25	-20.19	-78.54	-54.94	2.69	12.44	V
									V
									V
									V
									V

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

————THE END————