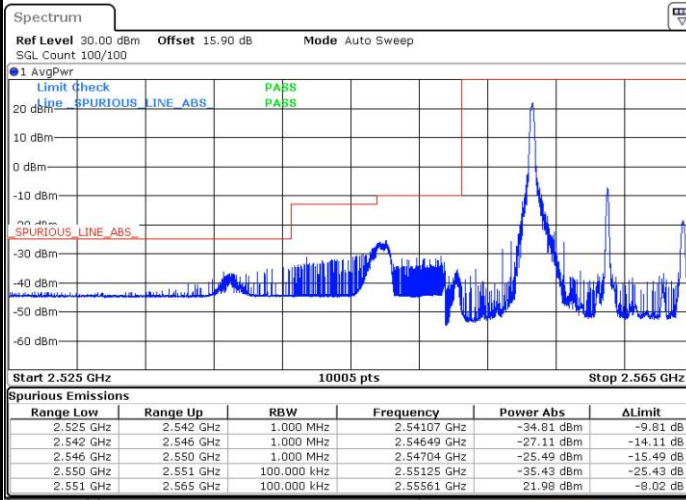


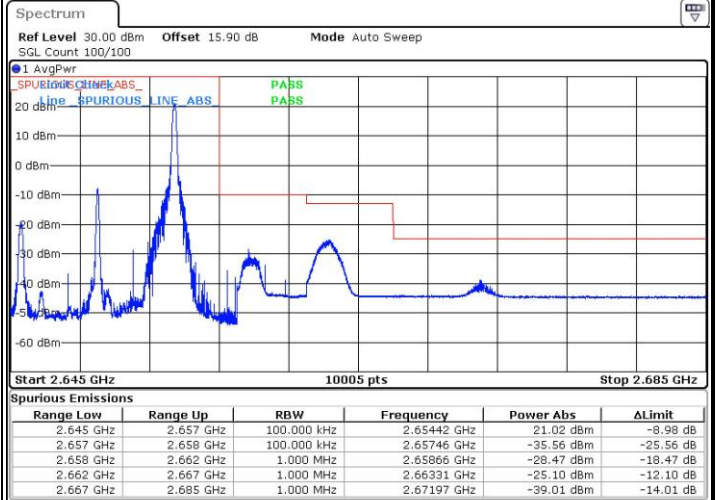


LTE Band 41 / 10MHz / QPSK

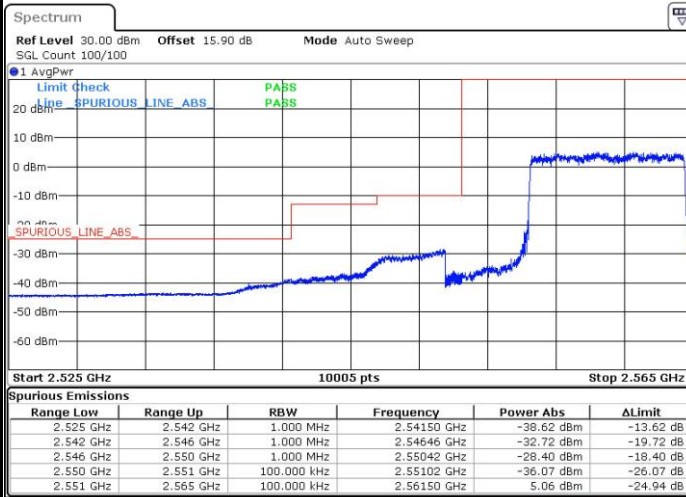
Lowest Band Edge / 1 RB



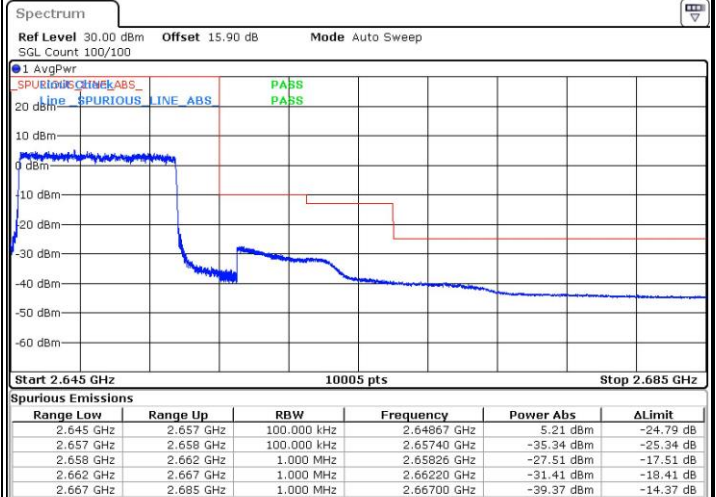
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



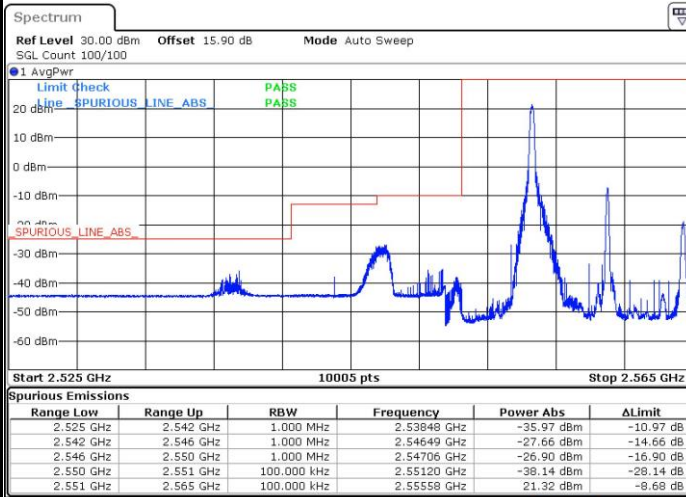
Highest Band Edge / Full RB



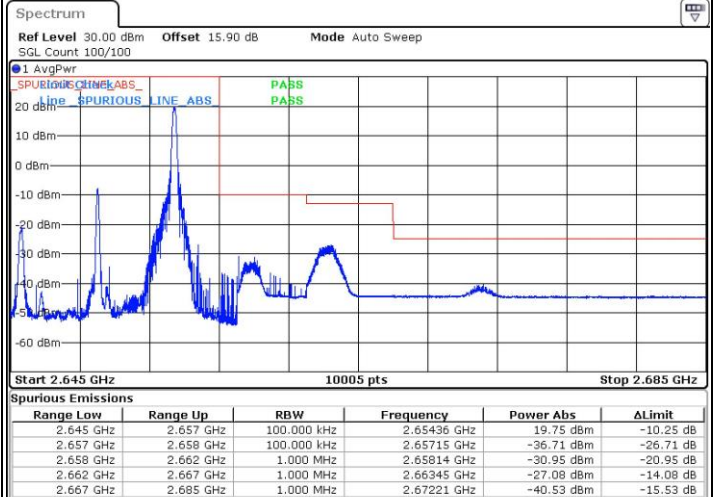


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



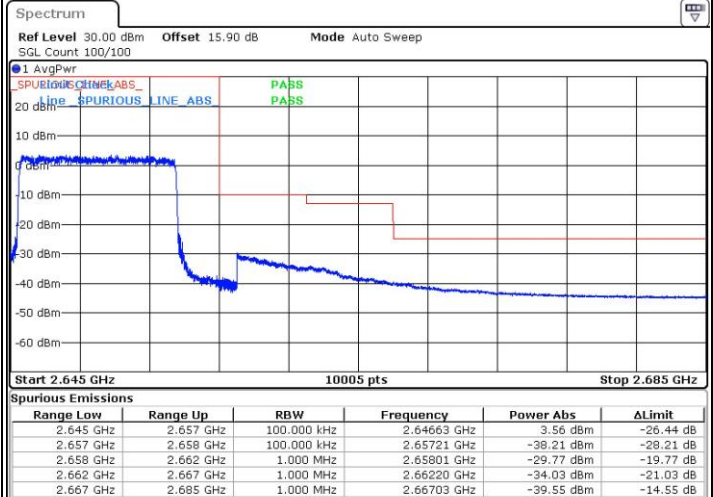
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



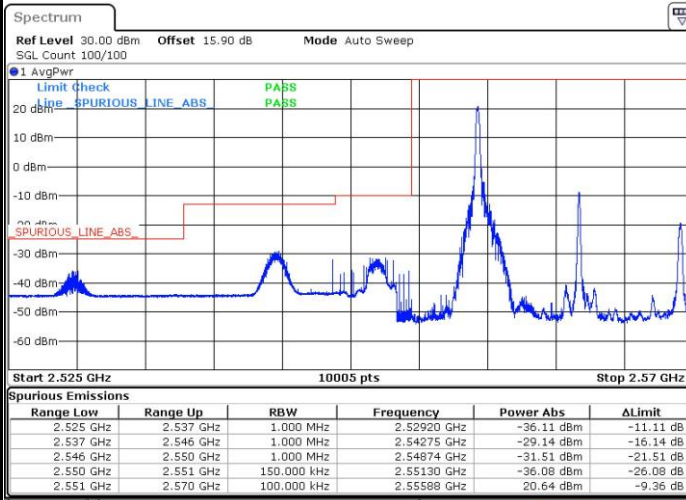
Highest Band Edge / Full RB



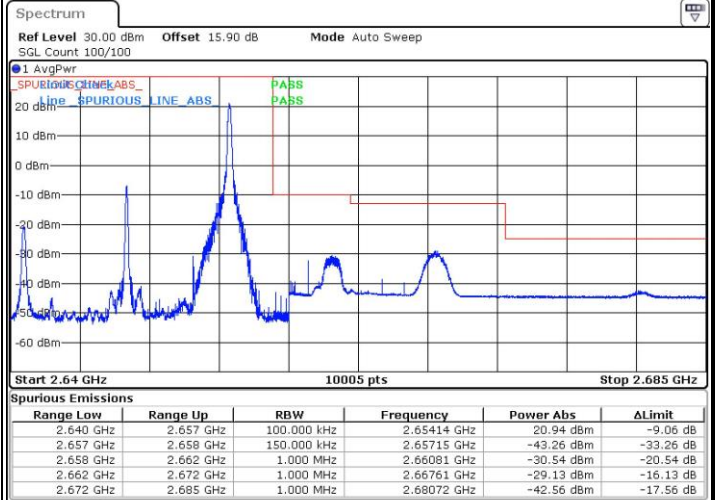


LTE Band 41 / 15MHz / QPSK

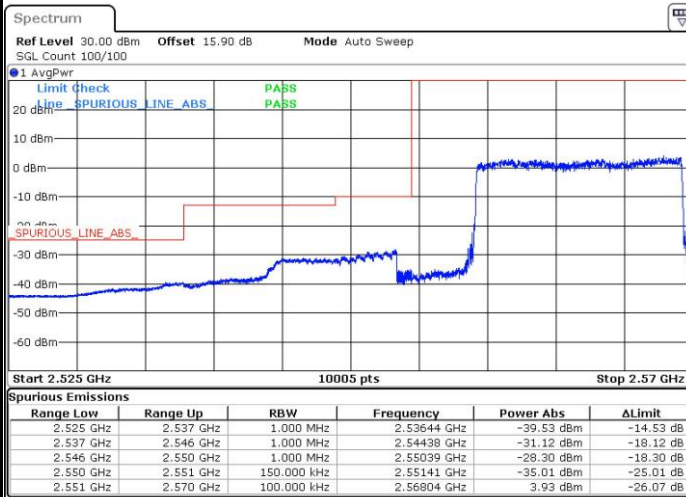
Lowest Band Edge / 1 RB



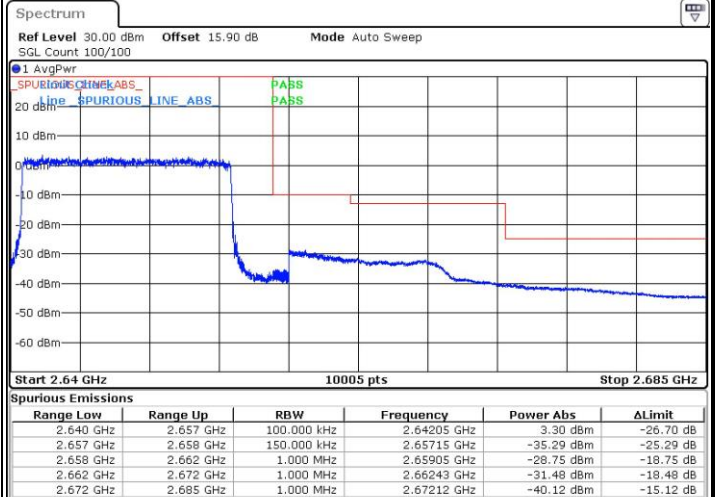
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



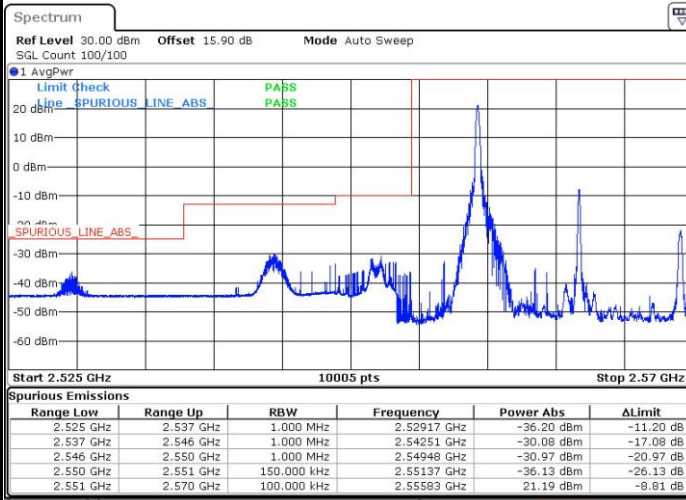
Highest Band Edge / Full RB



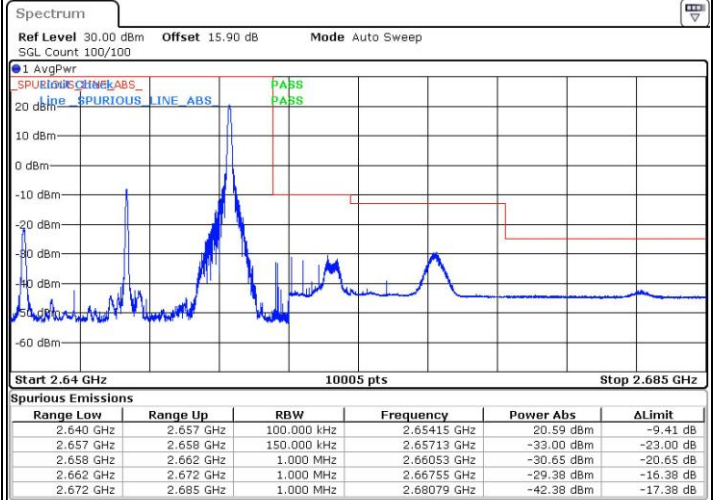


LTE Band 41 / 15MHz / 16QAM

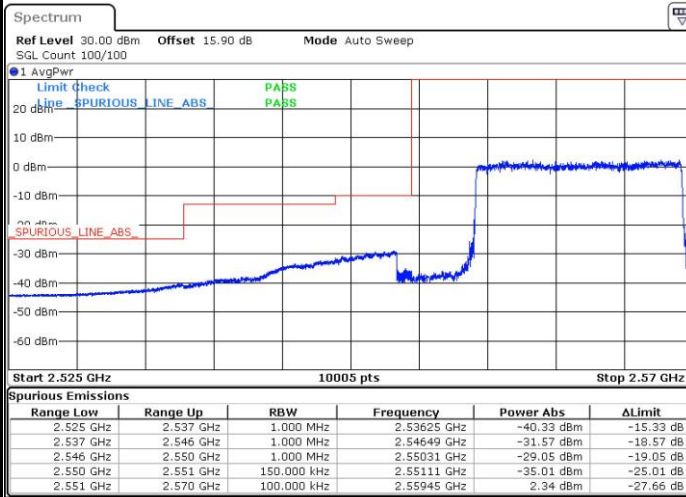
Lowest Band Edge / 1 RB



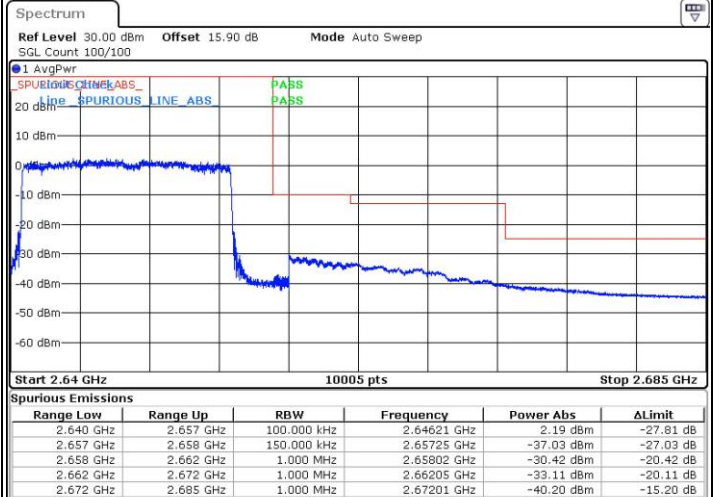
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



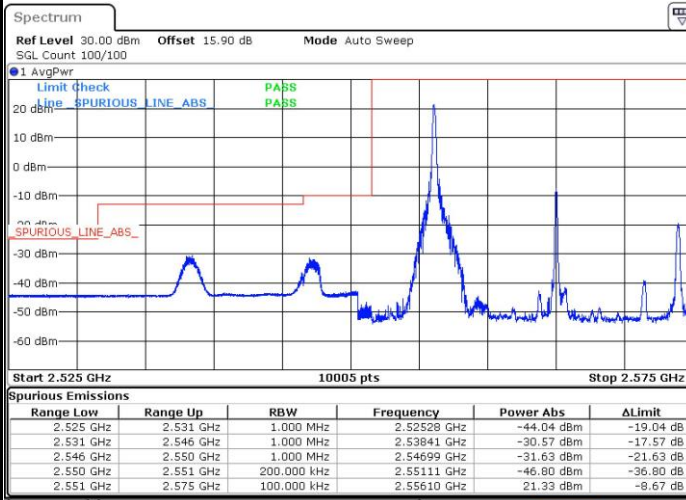
Highest Band Edge / Full RB



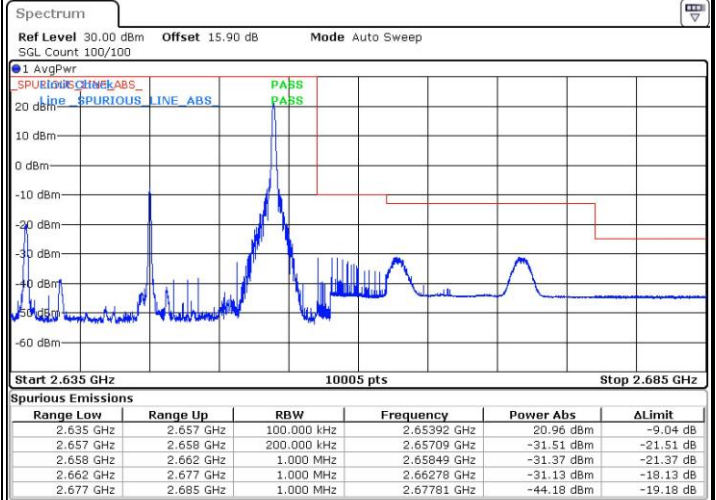


LTE Band 41 / 20MHz / QPSK

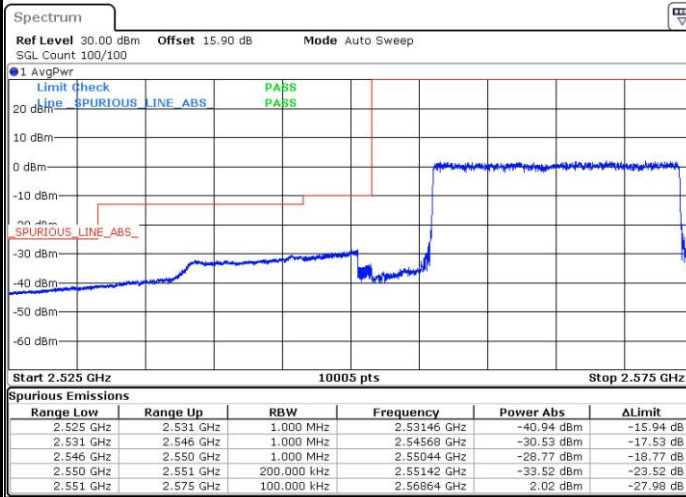
Lowest Band Edge / 1 RB



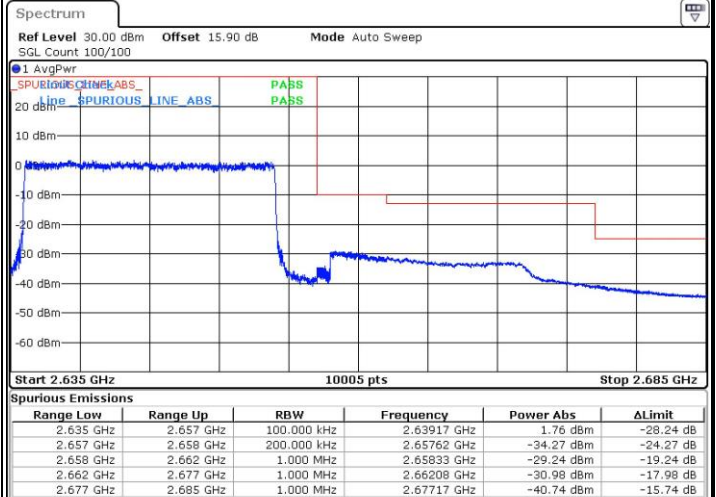
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



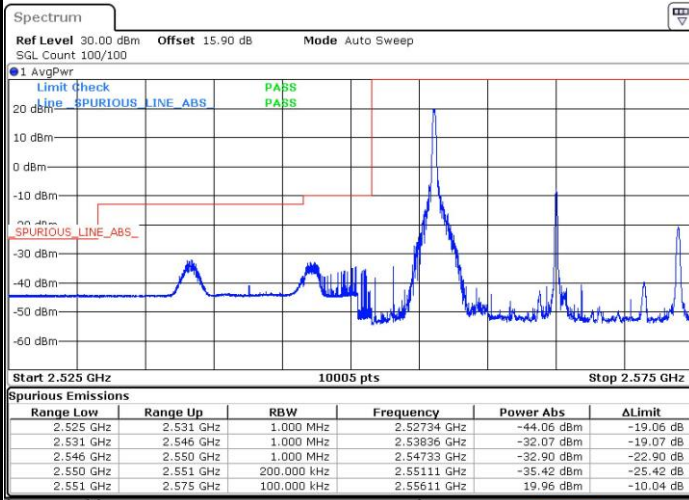
Highest Band Edge / Full RB



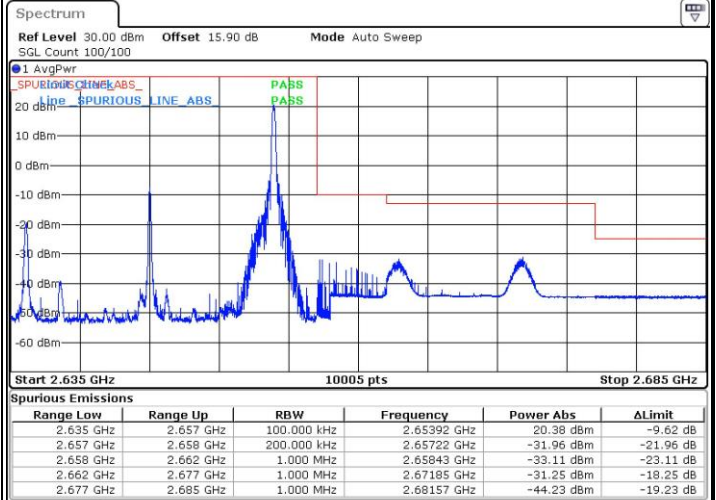


LTE Band 41 / 20MHz / 16QAM

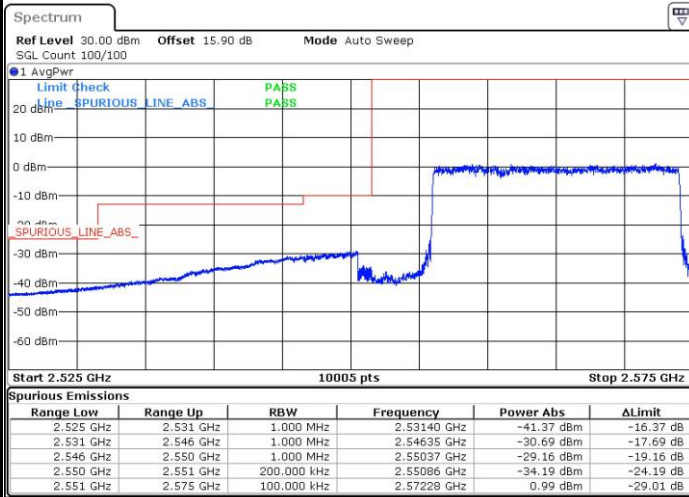
Lowest Band Edge / 1 RB



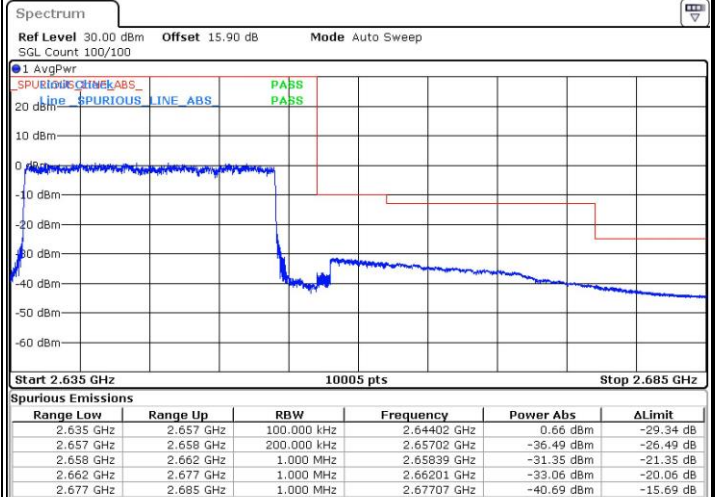
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

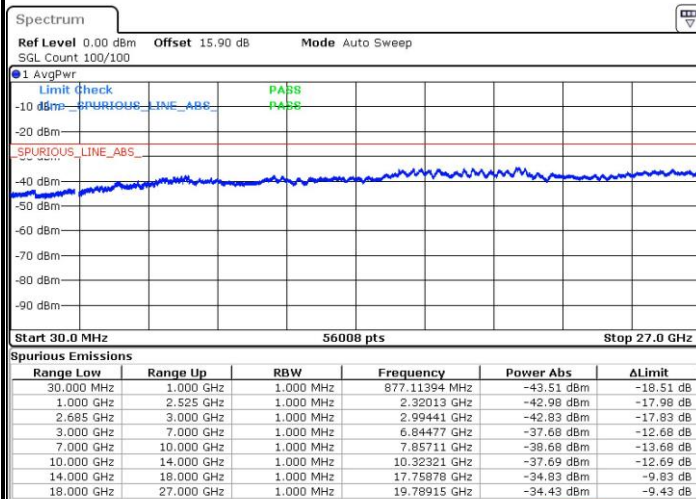




Conducted Spurious Emission

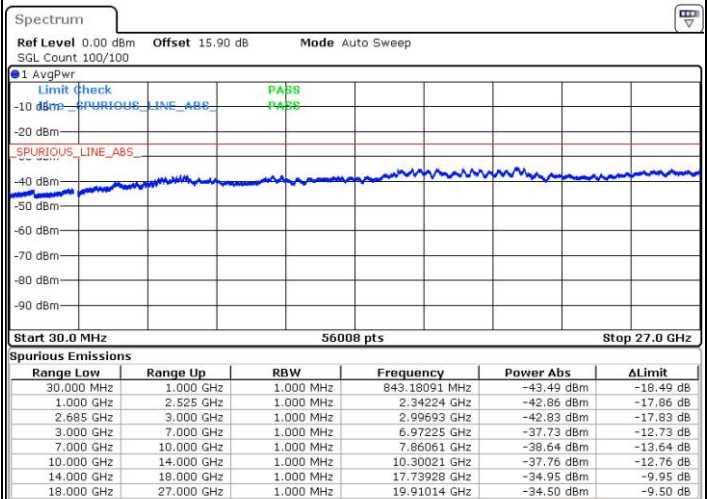
LTE Band 41 / 5MHz

Lowest Channel / QPSK



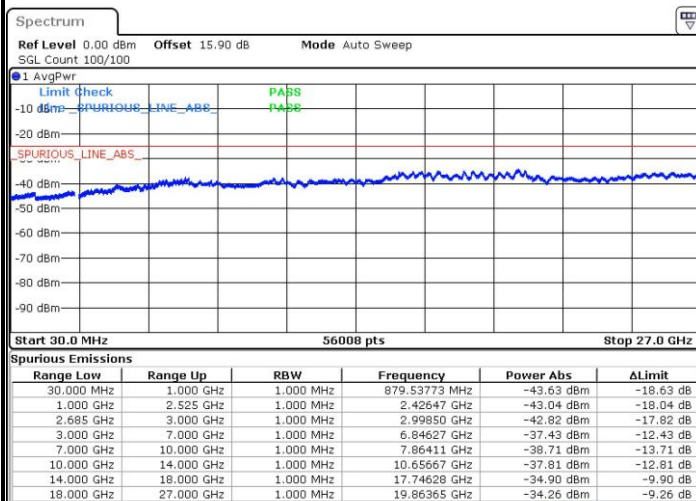
Date: 17.OCT.2016 09:50:16

Lowest Channel / 16QAM



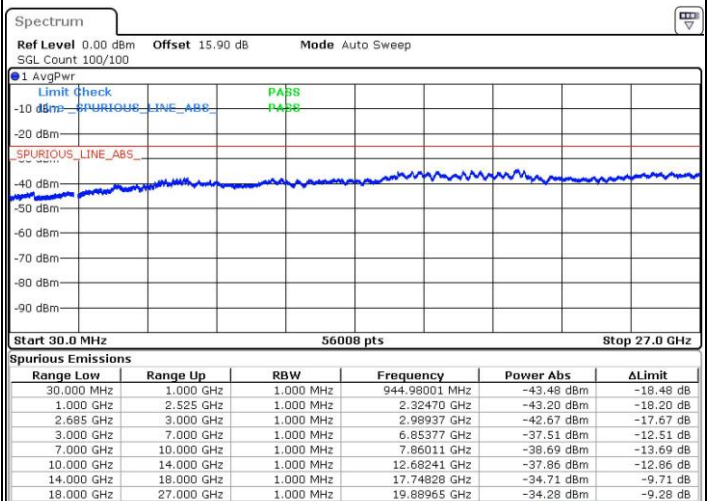
Date: 17.OCT.2016 09:51:12

Middle Channel / QPSK



Date: 17.OCT.2016 09:52:07

Middle Channel / 16QAM

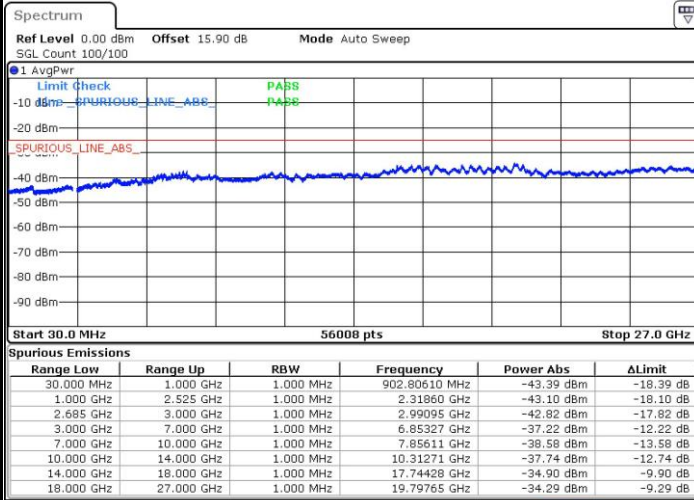


Date: 17.OCT.2016 09:53:03



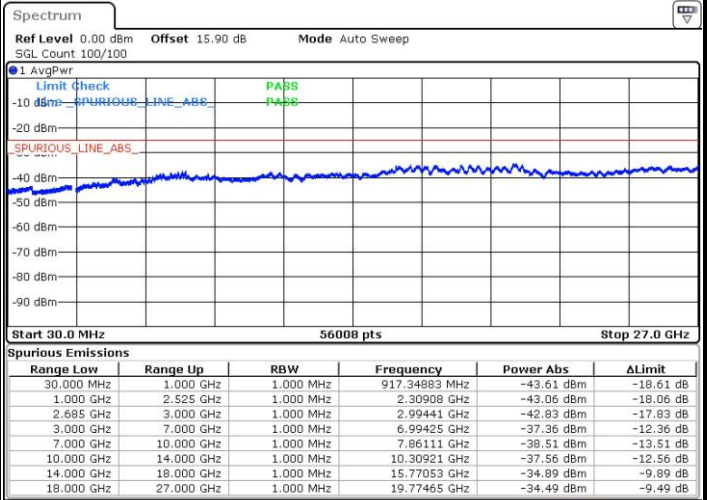
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 17.OCT.2016 09:58:36

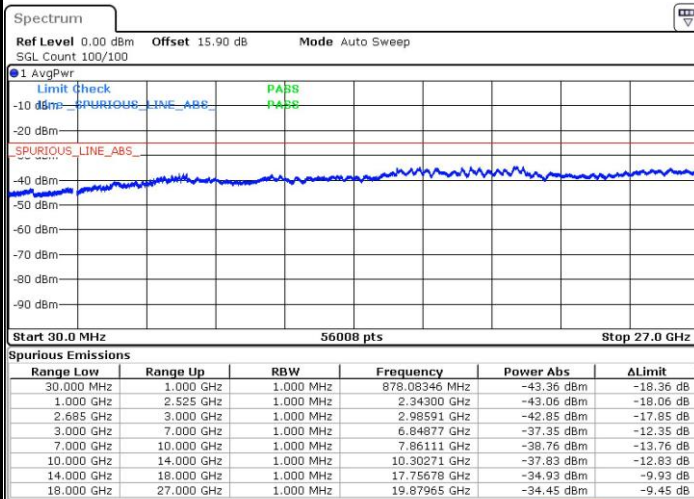
Highest Channel / 16QAM



Date: 17.OCT.2016 09:59:31

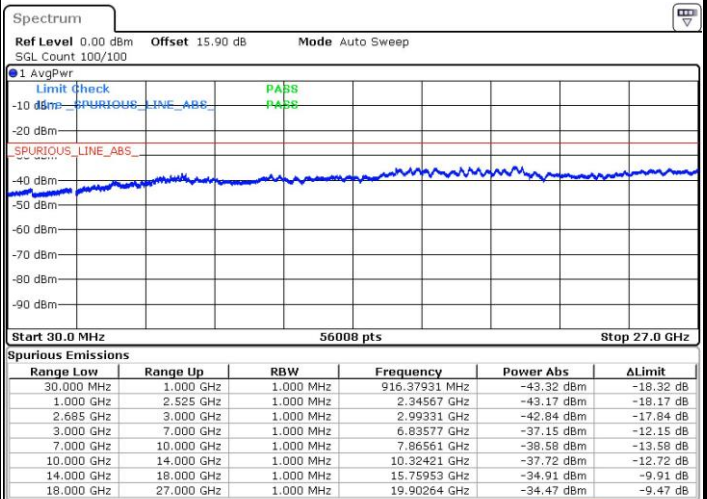
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 17.OCT.2016 10:05:06

Lowest Channel / 16QAM

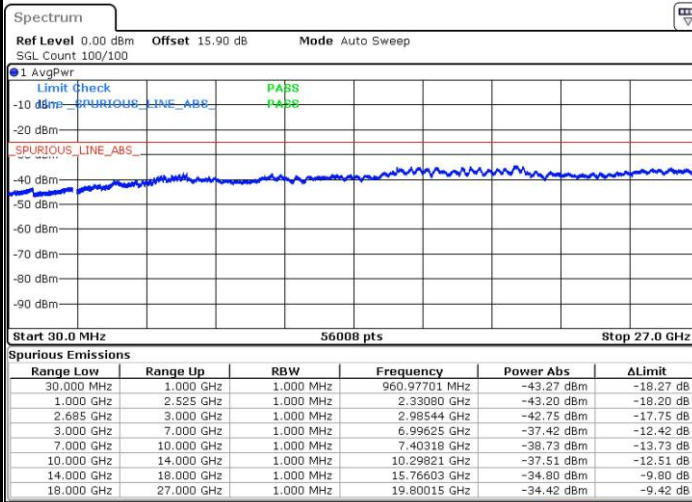


Date: 17.OCT.2016 10:06:02



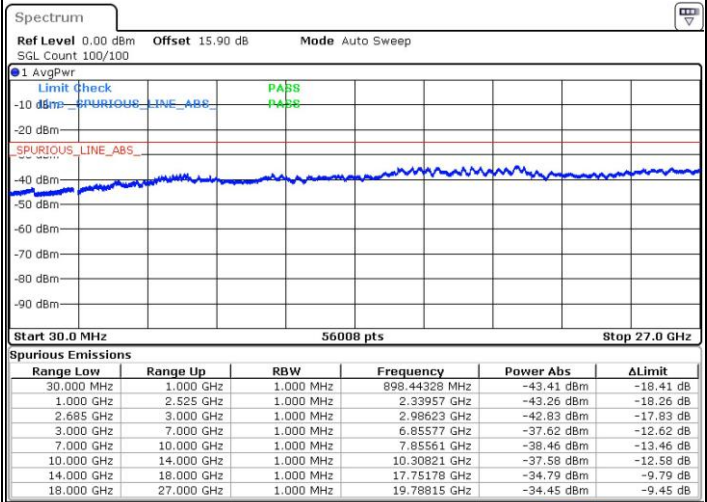
LTE Band 41 / 10MHz

Middle Channel / QPSK



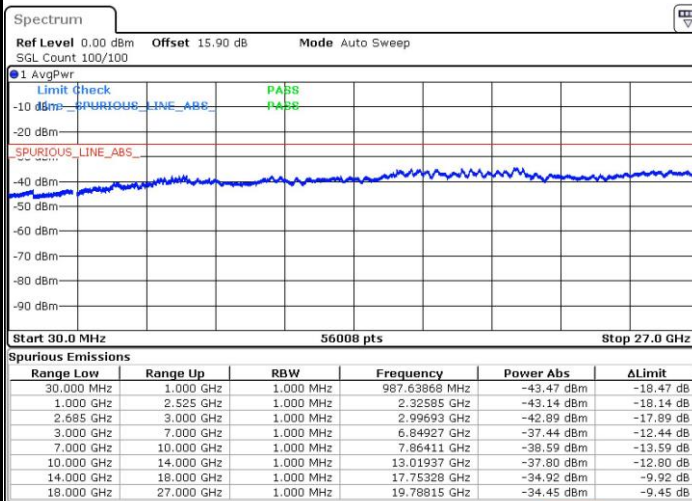
Date: 17.OCT.2016 10:06:57

Middle Channel / 16QAM



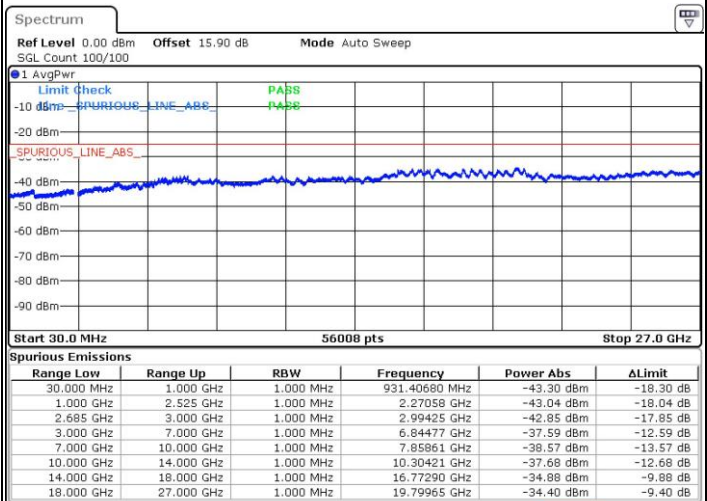
Date: 17.OCT.2016 10:07:53

Highest Channel / QPSK



Date: 17.OCT.2016 10:13:25

Highest Channel / 16QAM

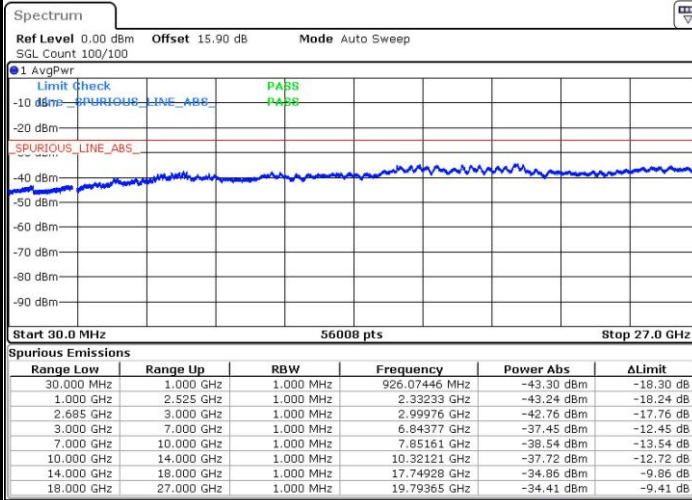


Date: 17.OCT.2016 10:14:20



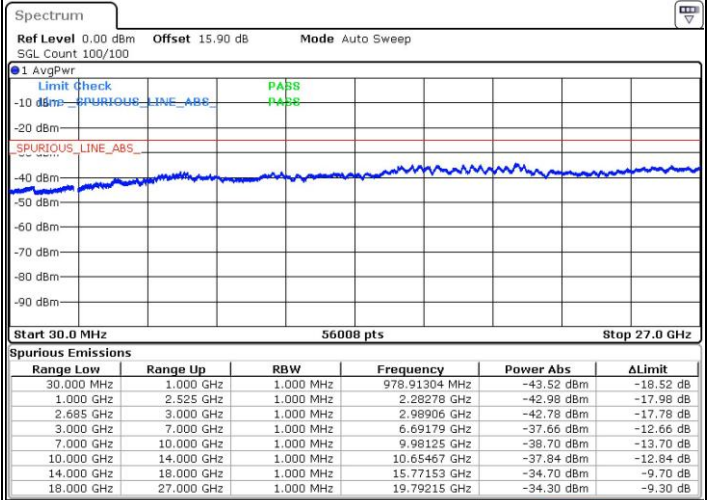
LTE Band 41 / 15MHz

Lowest Channel / QPSK



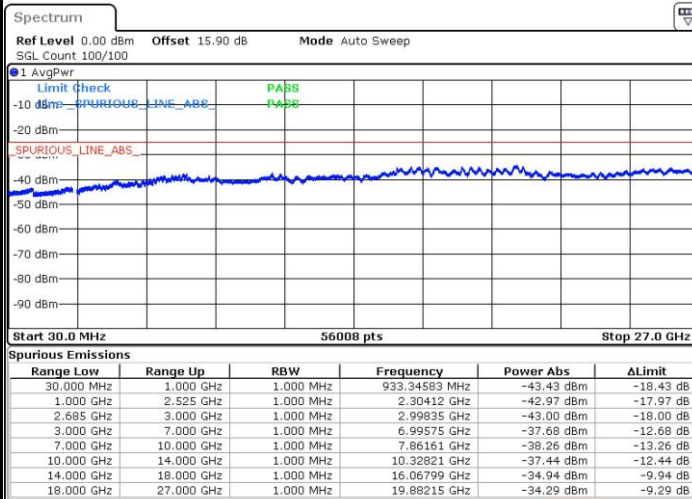
Date: 17.OCT.2016 10:19:55

Lowest Channel / 16QAM



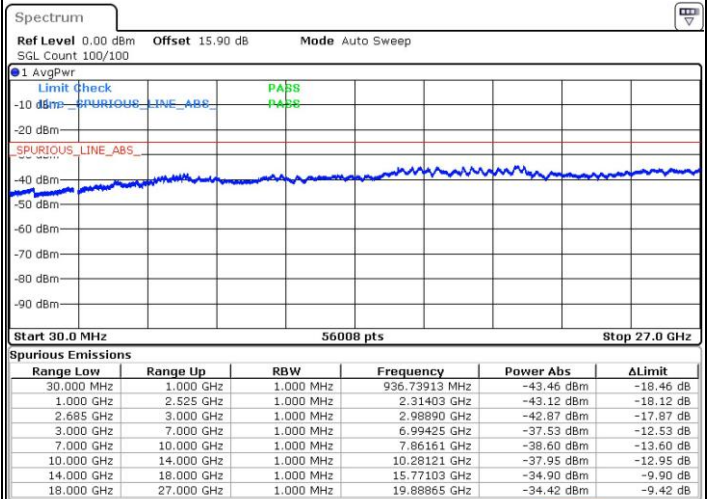
Date: 17.OCT.2016 10:20:50

Middle Channel / QPSK



Date: 17.OCT.2016 10:21:46

Middle Channel / 16QAM

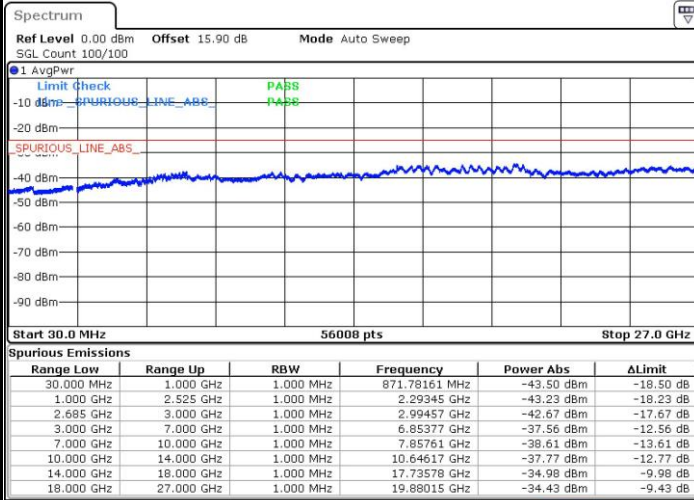


Date: 17.OCT.2016 10:22:41



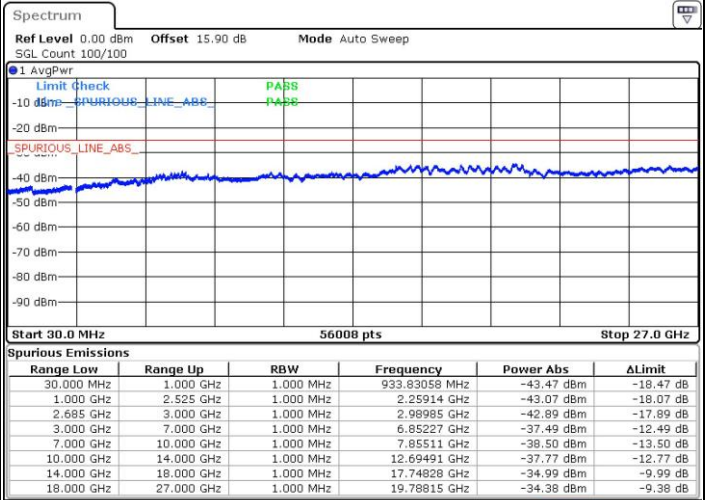
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 17.OCT.2016 10:28:13

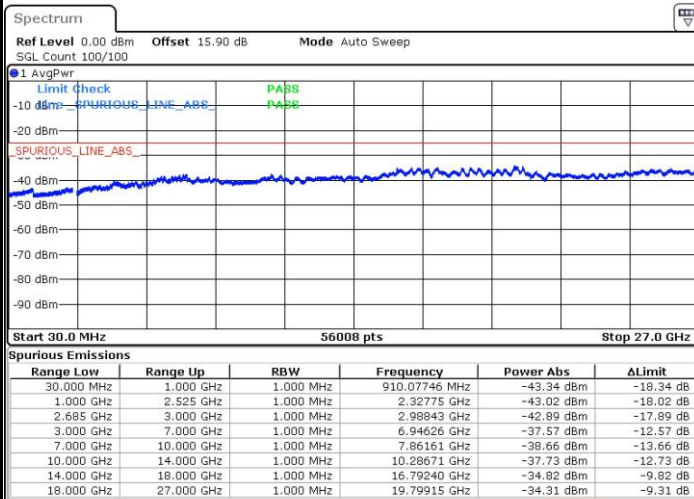
Highest Channel / 16QAM



Date: 17.OCT.2016 10:29:09

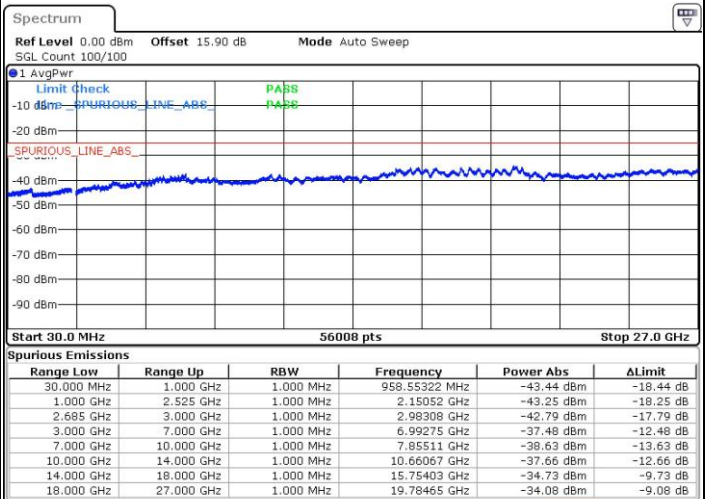
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 17.OCT.2016 10:34:43

Lowest Channel / 16QAM

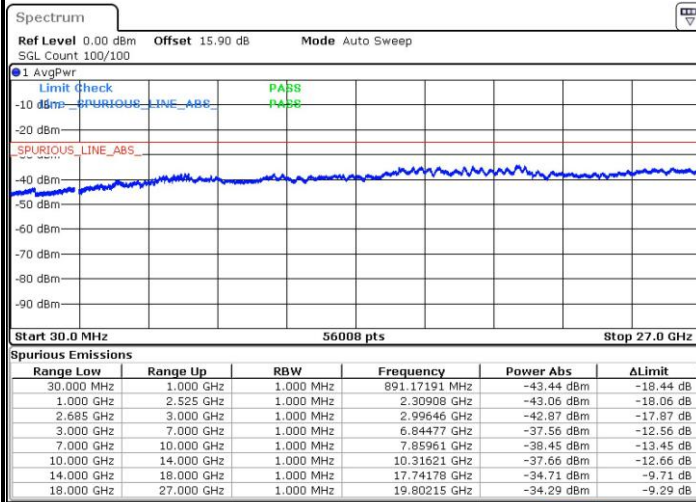


Date: 17.OCT.2016 10:35:38



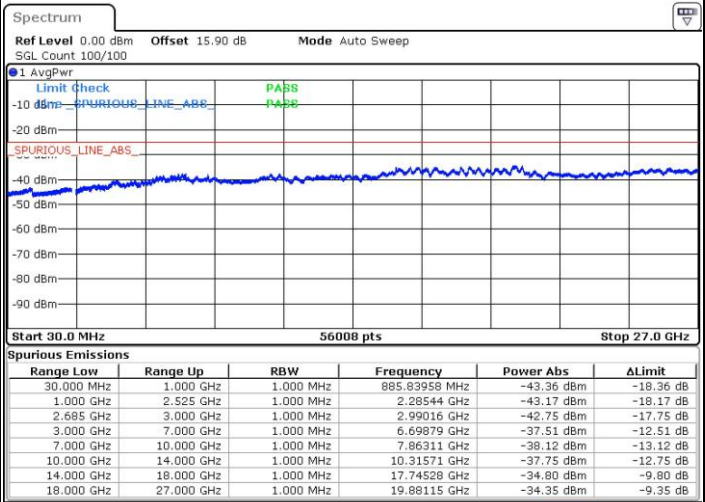
LTE Band 41 / 20MHz

Middle Channel / QPSK



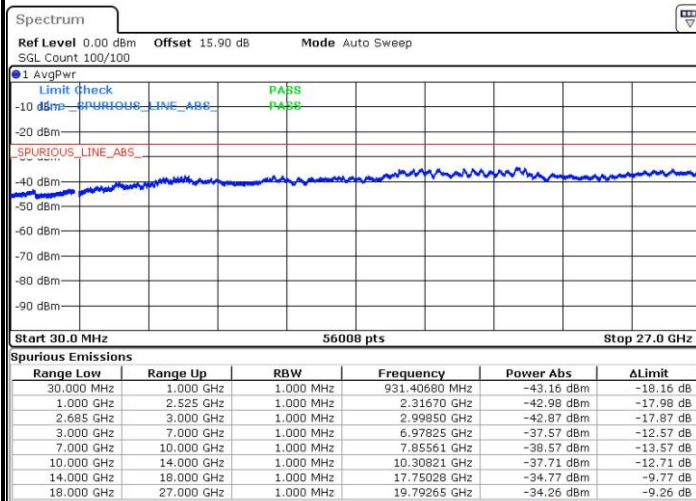
Date: 17.OCT.2016 13:50:25

Middle Channel / 16QAM



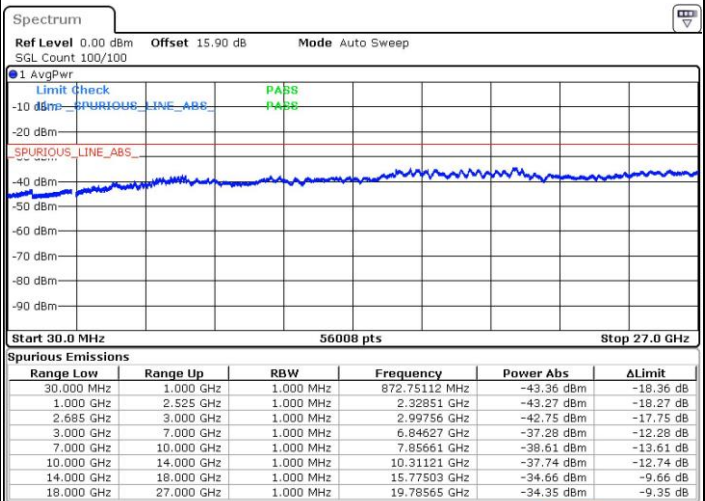
Date: 17.OCT.2016 11:29:32

Highest Channel / QPSK



Date: 17.OCT.2016 13:42:19

Highest Channel / 16QAM



Date: 17.OCT.2016 11:36:01

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	0.0004	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0097	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0097	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

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

ERP/EIRP

LTE Band 5 / 1.4MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	24.29	0.2685	19.14	0.0820
Middle		3	3	24.26	0.2667	19.11	0.0815
Highest		3	3	24.11	0.2576	18.96	0.0787
Lowest	16QAM	1	0	23.29	0.2133	18.14	0.0652
Middle		1	0	23.33	0.2153	18.18	0.0658
Highest		1	0	23.24	0.2109	18.09	0.0644
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.38	0.2742	19.23	0.0838
Middle		1	14	24.18	0.2618	19.03	0.0800
Highest		1	14	23.96	0.2489	18.81	0.0760
Lowest	16QAM	1	14	23.43	0.2203	18.28	0.0673
Middle		1	14	23.40	0.2188	18.25	0.0668
Highest		1	14	23.27	0.2123	18.12	0.0649
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.32	0.2704	19.17	0.0826
Middle		1	12	23.93	0.2472	18.78	0.0755
Highest		1	12	24.25	0.2661	19.10	0.0813
Lowest	16QAM	1	12	23.45	0.2213	18.30	0.0676
Middle		1	12	23.40	0.2188	18.25	0.0668
Highest		1	12	23.36	0.2168	18.21	0.0662
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.06	0.2547	18.91	0.0778
Middle		1	0	24.50	0.2818	19.35	0.0861
Highest		1	0	24.23	0.2649	19.08	0.0809
Lowest	16QAM	1	0	23.44	0.2208	18.29	0.0675
Middle		1	0	23.28	0.2128	18.13	0.0650
Highest		1	0	22.99	0.1991	17.84	0.0608
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.78	0.2388	22.68	0.1854
Middle		1	0	23.80	0.2399	22.70	0.1862
Highest		1	0	23.78	0.2388	22.68	0.1854
Lowest	16QAM	1	0	22.71	0.1866	21.61	0.1449
Middle		1	0	22.84	0.1923	21.74	0.1493
Highest		1	0	21.88	0.1542	20.78	0.1197
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.59	0.2286	22.49	0.1774
Middle		1	0	23.88	0.2443	22.78	0.1897
Highest		1	0	22.93	0.1963	21.83	0.1524
Lowest	16QAM	1	0	22.53	0.1791	21.43	0.1390
Middle		1	0	22.78	0.1897	21.68	0.1472
Highest		1	0	22.06	0.1607	20.96	0.1247
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.63	0.2307	22.53	0.1791
Middle		1	0	23.83	0.2415	22.73	0.1875
Highest		1	0	23.06	0.2023	21.96	0.1570
Lowest	16QAM	1	0	22.78	0.1897	21.68	0.1472
Middle		1	0	23.05	0.2018	21.95	0.1567
Highest		1	0	22.35	0.1718	21.25	0.1334
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.99	0.2506	22.89	0.1945
Middle		1	0	24.00	0.2512	22.90	0.1950
Highest		1	0	23.74	0.2366	22.64	0.1837
Lowest	16QAM	1	0	22.85	0.1928	21.75	0.1496
Middle		1	0	23.29	0.2133	22.19	0.1656
Highest		1	0	22.46	0.1762	21.36	0.1368
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.49	0.2234	22.49	0.1774
Middle		1	12	23.54	0.2259	22.54	0.1795
Highest		1	12	23.56	0.2270	22.56	0.1803
Lowest	16QAM	1	12	22.18	0.1652	21.18	0.1312
Middle		1	12	22.23	0.1671	21.23	0.1327
Highest		1	12	22.25	0.1679	21.25	0.1334
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.53	0.2254	22.53	0.1791
Middle		1	49	23.59	0.2286	22.59	0.1816
Highest		1	49	23.60	0.2291	22.60	0.1820
Lowest	16QAM	1	49	22.19	0.1656	21.19	0.1315
Middle		1	49	22.28	0.1690	21.28	0.1343
Highest		1	49	22.27	0.1687	21.27	0.1340
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.69	0.2339	22.69	0.1858
Middle		1	0	23.78	0.2388	22.78	0.1897
Highest		1	0	23.68	0.2333	22.68	0.1854
Lowest	16QAM	1	0	22.28	0.1690	21.28	0.1343
Middle		1	0	22.40	0.1738	21.40	0.1380
Highest		1	0	22.29	0.1694	21.29	0.1346
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.98	0.2500	22.98	0.1986
Middle		1	0	23.97	0.2495	22.97	0.1982
Highest		1	0	23.95	0.2483	22.95	0.1972
Lowest	16QAM	1	0	22.71	0.1866	21.71	0.1483
Middle		1	0	22.68	0.1854	21.68	0.1472
Highest		1	0	22.54	0.1795	21.54	0.1426
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****LTE Band 5**

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-67.93	-13	-54.93	-72.67	-69.69	0.98	4.89	H
	2472	-67.43	-13	-54.43	-76.83	-69.31	1.28	5.32	H
	3296	-64.82	-13	-51.82	-77.35	-68.23	1.54	7.10	H
									H
									H
									H
	1648	-71.35	-13	-58.35	-74.67	-73.11	0.98	4.89	V
	2472	-66.46	-13	-53.46	-76.91	-68.34	1.28	5.32	V
	3296	-65.87	-13	-52.87	-77.46	-69.28	1.54	7.10	V
									V
									V
									V
Middle	1672	-59.17	-13	-46.17	-63.79	-60.85	0.99	4.82	H
	2512	-54.37	-13	-41.37	-63.96	-56.34	1.29	5.41	H
	3344	-64.67	-13	-51.67	-76.92	-68.28	1.56	7.31	H
									H
									H
									H
	1672	-66.57	-13	-53.57	-69.66	-68.25	0.99	4.82	V
	2512	-62.60	-13	-49.60	-72.92	-64.57	1.29	5.41	V
	3344	-65.62	-13	-52.62	-77.04	-69.23	1.56	7.31	V
									V
									V
									V
Highest	1696	-69.53	-13	-56.53	-74.25	-71.13	1.00	4.75	H
	2544	-67.45	-13	-54.45	-77.08	-69.43	1.30	5.44	H
	3392	-65.39	-13	-52.39	-77.68	-69.19	1.57	7.52	H
									H
									H
									H
	1696	-69.55	-13	-56.55	-73.34	-71.15	1.00	4.75	V
	2544	-66.91	-13	-53.91	-77.14	-68.89	1.30	5.44	V
	3392	-65.89	-13	-52.89	-77.76	-69.69	1.57	7.52	V
									V
									V
									V

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



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-66.93	-13	-53.93	-71.65	-68.69	0.98	4.89	H
	2472	-65.12	-13	-52.12	-74.5	-67	1.28	5.32	H
	3296	-64.27	-13	-51.27	-76.78	-67.68	1.54	7.10	H
									H
									H
									H
									H
	1648	-67.20	-13	-54.20	-71.46	-68.96	0.98	4.89	V
	2472	-65.82	-13	-52.82	-76.18	-67.7	1.28	5.32	V
	3296	-65.20	-13	-52.20	-76.72	-68.61	1.54	7.10	V
									V
									V
									V
									V
Middle	1672	-65.06	-13	-52.06	-69.65	-66.74	0.99	4.82	H
	2504	-62.29	-13	-49.29	-71.83	-64.25	1.29	5.40	H
	3344	-64.03	-13	-51.03	-77.2	-67.64	1.56	7.31	H
									H
									H
									H
									H
	1672	-66.47	-13	-53.47	-69.49	-68.15	0.99	4.82	V
	2504	-62.78	-13	-49.78	-73.01	-64.74	1.29	5.40	V
	3344	-65.77	-13	-52.77	-77.06	-69.38	1.56	7.31	V
									V
									V
									V
									V
									V
Highest	1688	-60.74	-13	-47.74	-65.33	-62.37	1.00	4.77	H
	2536	-59.04	-13	-46.04	-68.62	-61.02	1.30	5.43	H
	3376	-64.92	-13	-51.92	-77.16	-68.66	1.57	7.45	H
									H
									H
									H
									H
	1688	-64.82	-13	-51.82	-67.84	-66.45	1.00	4.77	V
	2536	-59.11	-13	-46.11	-69.34	-61.09	1.30	5.43	V
	3376	-65.66	-13	-52.66	-77.32	-69.4	1.57	7.45	V
									V
									V
									V
									V
									V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-69.06	-13	-56.06	-73.78	-70.82	0.98	4.89	H
	2472	-65.49	-13	-52.49	-74.87	-67.37	1.28	5.32	H
	3296	-64.48	-13	-51.48	-76.99	-67.89	1.54	7.10	H
									H
									H
									H
									H
	1648	-69.64	-13	-56.64	-72.9	-71.4	0.98	4.89	V
	2472	-64.46	-13	-51.46	-74.82	-66.34	1.28	5.32	V
	3296	-65.43	-13	-52.43	-76.95	-68.84	1.54	7.10	V
									V
									V
									V
									V
Middle	1672	-68.74	-13	-55.74	-73.33	-70.42	0.99	4.82	H
	2504	-67.10	-13	-54.10	-76.64	-69.06	1.29	5.40	H
	3344	-64.98	-13	-51.98	-77.15	-68.59	1.56	7.31	H
									H
									H
									H
									H
	1672	-69.04	-13	-56.04	-72.05	-70.72	0.99	4.82	V
	2504	-63.91	-13	-50.91	-74.13	-65.87	1.29	5.40	V
	3344	-65.95	-13	-52.95	-77.34	-69.56	1.56	7.31	V
									V
									V
									V
									V
									V
Highest	1688	-64.96	-13	-51.96	-69.55	-66.59	1.00	4.77	H
	2536	-61.87	-13	-48.87	-71.45	-63.85	1.30	5.43	H
	3376	-64.92	-13	-51.92	-77.16	-68.66	1.57	7.45	H
									H
									H
									H
									H
	1688	-68.70	-13	-55.70	-71.72	-70.33	1.00	4.77	V
	2536	-62.34	-13	-49.34	-72.57	-64.32	1.30	5.43	V
	3376	-65.72	-13	-52.72	-77.38	-69.46	1.57	7.45	V
									V
									V
									V
									V
									V

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.09	-13	-51.09	-68.81	-65.85	0.98	4.89	H
	2472	-61.69	-13	-48.69	-71.07	-63.57	1.28	5.32	H
	3296	-64.26	-13	-51.26	-76.77	-67.67	1.54	7.10	H
									H
									H
									H
									H
	1648	-68.63	-13	-55.63	-71.89	-70.39	0.98	4.89	V
	2472	-61.33	-13	-48.33	-71.69	-63.21	1.28	5.32	V
	3296	-65.46	-13	-52.46	-76.98	-68.87	1.54	7.10	V
									V
									V
									V
									V
Middle	1664	-65.71	-13	-52.71	-70.36	-67.42	0.98	4.84	H
	2496	-66.40	-13	-53.40	-75.94	-68.35	1.29	5.39	H
	3328	-64.68	-13	-51.68	-76.96	-68.22	1.55	7.24	H
									H
									H
									H
									H
	1664	-66.13	-13	-53.13	-69.27	-67.84	0.98	4.84	V
	2496	-59.63	-13	-46.63	-69.86	-61.58	1.29	5.39	V
	3328	-65.65	-13	-52.65	-77.08	-69.19	1.55	7.24	V
									V
									V
									V
									V
									V
Highest	1680	-69.08	-13	-56.08	-74.67	-70.73	0.99	4.80	H
	2520	-66.23	-13	-53.23	-75.79	-68.2	1.30	5.42	H
	3360	-65.03	-13	-52.03	-77.23	-68.7	1.56	7.38	H
									H
									H
									H
									H
	1680	-70.72	-13	-57.72	-73.74	-72.37	0.99	4.80	V
	2520	-65.62	-13	-52.62	-75.85	-67.59	1.30	5.42	V
	3360	-65.74	-13	-52.74	-77.27	-69.41	1.56	7.38	V
									V
									V
									V
									V
									V

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

**LTE Band 7**

LTE Band 7 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-54.38	-25	-29.38	-73.34	-61.74	2.34	9.70	H
	7500	-48.10	-25	-23.10	-73.24	-57.47	2.43	11.80	H
	10008	-50.71	-25	-25.71	-79.53	-60.22	2.70	12.20	H
									H
									H
									H
	5004	-58.31	-25	-33.31	-75.85	-65.67	2.34	9.70	V
	7500	-48.26	-25	-23.26	-72.44	-57.63	2.43	11.80	V
	10008	-52.27	-25	-27.27	-78.48	-61.78	2.70	12.20	V
									V
									V
									V
Middle	5064	-54.97	-25	-29.97	-74.03	-62.3	2.37	9.70	H
	7596	-49.98	-25	-24.98	-74.66	-59.44	2.40	11.86	H
	10128	-48.82	-25	-23.82	-77.73	-58.38	2.70	12.25	H
	15195	-40.78	-25	-15.78	-77.88	-50.97	3.68	13.87	H
									H
									H
									H
	5064	-59.28	-25	-34.28	-77.04	-66.61	2.37	9.70	V
	7596	-52.17	-25	-27.17	-76.07	-61.63	2.40	11.86	V
	10128	-50.35	-25	-25.35	-76.88	-59.91	2.70	12.25	V
	15195	-40.60	-25	-15.60	-76.8	-50.79	3.68	13.87	V
									V
									V
Highest	5136	-59.75	-25	-34.75	-78.94	-67.03	2.42	9.70	H
	7692	-48.90	-25	-23.90	-73.63	-58.45	2.37	11.92	H
	10260	-48.22	-25	-23.22	-77.23	-57.83	2.69	12.30	H
	15391	-33.11	-25	-8.11	-71.83	-43.5	3.76	14.15	H
									H
									H
									H
	5136	-58.34	-25	-33.34	-76.4	-65.62	2.42	9.70	V
	7692	-49.03	-25	-24.03	-73.13	-58.58	2.37	11.92	V
	10260	-49.17	-25	-24.17	-76.07	-58.78	2.69	12.30	V
	15391	-34.82	-25	-9.82	-71.34	-45.21	3.76	14.15	V
									V
									V

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



LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-56.47	-25	-31.47	-76.43	-63.83	2.34	9.70	H
	7500	-44.46	-25	-19.46	-69.6	-53.83	2.43	11.80	H
	10008	-49.61	-25	-24.61	-78.43	-59.12	2.70	12.20	H
									H
									H
									H
									H
	5004	-57.73	-25	-32.73	-75.27	-65.09	2.34	9.70	V
	7500	-47.76	-25	-22.76	-72.04	-57.13	2.43	11.80	V
	10008	-50.30	-25	-25.30	-76.51	-59.81	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-53.52	-25	-28.52	-72.62	-60.85	2.37	9.70	H
	7596	-49.15	-25	-24.15	-73.9	-58.61	2.40	11.86	H
	10128	-48.73	-25	-23.73	-77.69	-58.29	2.70	12.25	H
	15184	-40.46	-25	-15.46	-77.54	-50.64	3.67	13.86	H
									H
									H
									H
	5064	-59.50	-25	-34.50	-77.31	-66.83	2.37	9.70	V
	7596	-51.66	-25	-26.66	-75.62	-61.12	2.40	11.86	V
	10128	-49.03	-25	-24.03	-75.62	-58.59	2.70	12.25	V
	15184	-41.61	-25	-16.61	-77.88	-51.79	3.67	13.86	V
									V
									V
									V
Highest	5124	-53.34	-25	-28.34	-72.67	-60.63	2.41	9.70	H
	7680	-48.31	-25	-23.31	-73.08	-57.85	2.37	11.91	H
	10248	-48.34	-25	-23.34	-77.35	-57.94	2.69	12.30	H
	15368	-35.61	-25	-10.61	-74.1	-45.97	3.75	14.12	H
									H
									H
									H
	5124	-58.50	-25	-33.50	-76.65	-65.79	2.41	9.70	V
	7680	-50.92	-25	-25.92	-75.04	-60.46	2.37	11.91	V
	10248	-50.55	-25	-25.55	-77.41	-60.15	2.69	12.30	V
	15368	-37.40	-25	-12.40	-73.94	-47.76	3.75	14.12	V
									V
									V
									V

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



LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-58.15	-25	-33.15	-77.11	-65.51	2.34	9.70	H
	7500	-47.12	-25	-22.12	-72.26	-56.49	2.43	11.80	H
	10008	-50.43	-25	-25.43	-79.25	-59.94	2.70	12.20	H
									H
									H
									H
									H
	5004	-57.57	-25	-32.57	-75.11	-64.93	2.34	9.70	V
	7500	-47.44	-25	-22.44	-71.62	-56.81	2.43	11.80	V
	10008	-50.62	-25	-25.62	-76.83	-60.13	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-52.01	-25	-27.01	-71.04	-59.34	2.37	9.70	H
	7584	-49.60	-25	-24.60	-74.36	-59.05	2.40	11.85	H
	10116	-48.12	-25	-23.12	-77.02	-57.67	2.70	12.25	H
	15172.5	-39.35	-25	-14.35	-76.32	-49.52	3.67	13.84	H
									H
									H
									H
	5052	-57.02	-25	-32.02	-74.71	-64.35	2.37	9.70	V
	7584	-50.14	-25	-25.14	-74.09	-59.59	2.40	11.85	V
	10116	-49.07	-25	-24.07	-75.55	-58.62	2.70	12.25	V
	15172.5	-40.46	-25	-15.46	-76.63	-50.63	3.67	13.84	V
									V
									V
									V
Highest	5112	-55.23	-25	-30.23	-74.39	-62.53	2.40	9.70	H
	7668	-45.13	-25	-20.13	-69.84	-54.66	2.38	11.90	H
	10224	-50.25	-25	-25.25	-79.23	-59.84	2.69	12.29	H
	15333	-34.05	-25	-9.05	-72.23	-44.38	3.74	14.07	H
									H
									H
									H
	5112	-55.52	-25	-30.52	-73.5	-62.82	2.40	9.70	V
	7668	-48.28	-25	-23.28	-72.31	-57.81	2.38	11.90	V
	10224	-51.51	-25	-26.51	-78.32	-61.1	2.69	12.29	V
	15333	-35.78	-25	-10.78	-72.19	-46.11	3.74	14.07	V
									V
									V
									V

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



LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-56.90	-25	-31.90	-75.86	-64.26	2.34	9.70	H
	7500	-45.96	-25	-20.96	-71.1	-55.33	2.43	11.80	H
	10008	-50.86	-25	-25.86	-79.68	-60.37	2.70	12.20	H
									H
									H
									H
									H
	5004	-56.40	-25	-31.40	-73.94	-63.76	2.34	9.70	V
	7500	-46.60	-25	-21.60	-70.78	-55.97	2.43	11.80	V
	10008	-51.54	-25	-26.54	-77.75	-61.05	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-53.01	-25	-28.01	-72.04	-60.34	2.37	9.70	H
	7584	-48.32	-25	-23.32	-73.08	-57.77	2.40	11.85	H
	10104	-48.28	-25	-23.28	-77.18	-57.83	2.70	12.24	H
	15161	-40.37	-25	-15.37	-77.2	-50.53	3.66	13.83	H
									H
									H
									H
	5052	-56.47	-25	-31.47	-74.16	-63.8	2.37	9.70	V
	7584	-49.64	-25	-24.64	-73.59	-59.09	2.40	11.85	V
	10104	-49.15	-25	-24.15	-75.63	-58.7	2.70	12.24	V
	15161	-39.88	-25	-14.88	-76.02	-50.04	3.66	13.83	V
									V
									V
									V
									V
Highest	5100	-60.21	-25	-35.21	-79.33	-67.52	2.39	9.70	H
	7656	-50.10	-25	-25.10	-74.81	-59.61	2.38	11.89	H
	10200	-50.78	-25	-25.78	-79.74	-60.36	2.70	12.28	H
	15310.5	-34.11	-25	-9.11	-72.16	-44.42	3.73	14.03	H
									H
									H
									H
	5100	-56.52	-25	-31.52	-74.43	-63.83	2.39	9.70	V
	7656	-45.85	-25	-20.85	-69.88	-55.36	2.38	11.89	V
	10200	-49.78	-25	-24.78	-76.5	-59.36	2.70	12.28	V
	15310.5	-35.11	-25	-10.11	-71.49	-45.42	3.73	14.03	V
									V
									V
									V
									V

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

**LTE Band 41**

LTE Band 41 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5112	-52.89	-25	-27.89	-72.05	-60.19	2.40	9.70	H
	7668	-50.24	-25	-25.24	-74.95	-59.77	2.38	11.90	H
	10236	-48.60	-25	-23.60	-77.58	-58.2	2.69	12.29	H
	15345	-34.79	-25	-9.79	-73.11	-45.13	3.74	14.08	H
									H
									H
	5112	-57.54	-25	-32.54	-75.52	-64.84	2.40	9.70	V
	7668	-52.14	-25	-27.14	-76.17	-61.67	2.38	11.90	V
	10236	-49.68	-25	-24.68	-76.49	-59.28	2.69	12.29	V
	15345	-37.65	-25	-12.65	-74.09	-47.99	3.74	14.08	V
									V
									V
Middle	5208	-55.40	-25	-30.40	-74.66	-62.64	2.46	9.70	H
	7812	-46.00	-25	-21.00	-70.84	-55.66	2.33	11.99	H
	10416	-49.83	-25	-24.83	-78.95	-59.5	2.69	12.37	H
	15621	-36.14	-25	-11.14	-75.9	-46.41	3.86	14.13	H
									H
									H
									H
	5208	-59.20	-25	-34.20	-77.62	-66.44	2.46	9.70	V
	7812	-51.91	-25	-26.91	-76.2	-61.57	2.33	11.99	V
	10416	-50.79	-25	-25.79	-78.11	-60.46	2.69	12.37	V
	15621	-39.11	-25	-14.11	-75.77	-49.38	3.86	14.13	V
									V
									V
Highest	5304	-54.98	-25	-29.98	-74.55	-62.17	2.51	9.70	H
	7956	-49.21	-25	-24.21	-74.65	-59	2.28	12.07	H
	10608	-47.15	-25	-22.15	-76.53	-56.88	2.69	12.42	H
	15920	-37.29	-25	-12.29	-77.66	-47.02	3.98	13.71	H
									H
									H
									H
	5304	-59.50	-25	-34.50	-78.26	-66.69	2.51	9.70	V
	7956	-48.92	-25	-23.92	-73.14	-58.71	2.28	12.07	V
	10608	-47.45	-25	-22.45	-75.21	-57.18	2.69	12.42	V
	15920	-41.18	-25	-16.18	-77.78	-50.91	3.98	13.71	V
									V
									V

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



LTE Band 41 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5124	-53.19	-25	-28.19	-72.42	-60.48	2.41	9.70	H
	7692	-52.04	-25	-27.04	-76.82	-61.59	2.37	11.92	H
	10260	-49.13	-25	-24.13	-78.15	-58.74	2.69	12.30	H
	15391	-35.76	-25	-10.76	-74.58	-46.15	3.76	14.15	H
									H
									H
									H
	5124	-59.06	-25	-34.06	-77.15	-66.35	2.41	9.70	V
	7692	-53.19	-25	-28.19	-77.31	-62.74	2.37	11.92	V
	10260	-50.69	-25	-25.69	-77.65	-60.3	2.69	12.30	V
	15391	-38.43	-25	-13.43	-74.97	-48.82	3.76	14.15	V
									V
									V
									V
Middle	5220	-55.12	-25	-30.12	-74.42	-62.36	2.46	9.70	H
	7824	-51.91	-25	-26.91	-76.81	-61.58	2.32	11.99	H
	10440	-48.71	-25	-23.71	-77.92	-58.39	2.69	12.38	H
	15655.5	-38.13	-25	-13.13	-78.01	-48.34	3.87	14.08	H
									H
									H
									H
	5220	-58.93	-25	-33.93	-77.38	-66.17	2.46	9.70	V
	7824	-52.79	-25	-27.79	-77.12	-62.46	2.32	11.99	V
	10440	-50.48	-25	-25.48	-77.95	-60.16	2.69	12.38	V
	15655.5	-41.90	-25	-16.90	-78.59	-52.11	3.87	14.08	V
									V
									V
									V
Highest	5304	-53.89	-25	-28.89	-73.52	-61.08	2.51	9.70	H
	7968	-51.82	-25	-26.82	-77.38	-61.62	2.28	12.08	H
	10620	-44.08	-25	-19.08	-73.52	-53.81	2.69	12.42	H
									H
									H
									H
									H
	5304	-58.83	-25	-33.83	-77.61	-66.02	2.51	9.70	V
	7968	-51.84	-25	-26.84	-76.1	-61.64	2.28	12.08	V
	10620	-47.05	-25	-22.05	-74.89	-56.78	2.69	12.42	V
									V
									V
									V
									V

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



LTE Band 41 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5112	-53.62	-25	-28.62	-72.78	-60.92	2.40	9.70	H
	7668	-49.17	-25	-24.17	-73.88	-58.7	2.38	11.90	H
	10224	-49.94	-25	-24.94	-77.92	-59.53	2.69	12.29	H
	15333	-34.19	-25	-9.19	-72.37	-44.52	3.74	14.07	H
									H
									H
									H
	5112	-58.86	-25	-33.86	-76.84	-66.16	2.40	9.70	V
	7668	-49.50	-25	-24.50	-73.53	-59.03	2.38	11.90	V
	10224	-51.05	-25	-26.05	-77.86	-60.64	2.69	12.29	V
	15333	-37.71	-25	-12.71	-74.12	-48.04	3.74	14.07	V
									V
									V
									V
Middle	5196	-56.08	-25	-31.08	-75.4	-63.33	2.45	9.70	H
	7800	-48.75	-25	-23.75	-73.52	-58.4	2.33	11.98	H
	10392	-48.66	-25	-23.66	-77.75	-58.32	2.69	12.36	H
	15586	-36.03	-25	-11.03	-75.73	-46.37	3.84	14.18	H
									H
									H
									H
	5196	-59.39	-25	-34.39	-77.74	-66.64	2.45	9.70	V
	7800	-49.87	-25	-24.87	-74.17	-59.52	2.33	11.98	V
	10392	-49.21	-25	-24.21	-76.44	-58.87	2.69	12.36	V
	15586	-39.60	-25	-14.60	-76.26	-49.94	3.84	14.18	V
									V
									V
									V
Highest	5280	-52.53	-25	-27.53	-71.96	-59.73	2.50	9.70	H
	7920	-48.39	-25	-23.39	-73.68	-58.15	2.29	12.05	H
	10560	-47.62	-25	-22.62	-76.9	-57.34	2.69	12.41	H
	15851	-36.59	-25	-11.59	-76.82	-46.45	3.95	13.81	H
									H
									H
									H
	5280	-57.67	-25	-32.67	-76.37	-64.87	2.50	9.70	V
	7920	-49.67	-25	-24.67	-73.91	-59.43	2.29	12.05	V
	10560	-47.98	-25	-22.98	-75.64	-57.7	2.69	12.41	V
	15851	-41.27	-25	-16.27	-77.88	-51.13	3.95	13.81	V
									V
									V
									V

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



LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5112	-53.45	-25	-28.45	-72.61	-60.75	2.40	9.70	H
	7668	-45.80	-25	-20.80	-70.51	-55.33	2.38	11.90	H
	10224	-47.36	-25	-22.36	-76.34	-56.95	2.69	12.29	H
	15333	-34.19	-25	-9.19	-72.37	-44.52	3.74	14.07	H
									H
									H
									H
	5112	-58.26	-25	-33.26	-76.24	-65.56	2.40	9.70	V
	7668	-47.84	-25	-22.84	-71.87	-57.37	2.38	11.90	V
	10224	-50.05	-25	-25.05	-76.86	-59.64	2.69	12.29	V
	15333	-36.64	-25	-11.64	-73.05	-46.97	3.74	14.07	V
									V
									V
									V
Middle	5196	-56.19	-25	-31.19	-75.51	-63.44	2.45	9.70	H
	7788	-47.10	-25	-22.10	-71.86	-56.74	2.34	11.97	H
	10380	-47.85	-25	-22.85	-76.94	-57.51	2.69	12.35	H
	15575	-33.43	-25	-8.43	-73.09	-43.79	3.84	14.20	H
									H
									H
									H
	5196	-59.44	-25	-34.44	-77.79	-66.69	2.45	9.70	V
	7788	-47.32	-25	-22.32	-71.59	-56.96	2.34	11.97	V
	10380	-49.85	-25	-24.85	-77.08	-59.51	2.69	12.35	V
	15575	-36.71	-25	-11.71	-73.38	-47.07	3.84	14.20	V
									V
									V
									V
Highest	5268	-53.63	-25	-28.63	-72.91	-60.84	2.49	9.70	H
	7908	-47.17	-25	-22.17	-72.39	-56.92	2.30	12.04	H
	10548	-48.40	-25	-23.40	-77.68	-58.12	2.69	12.41	H
	15816	-35.51	-25	-10.51	-75.68	-45.43	3.94	13.86	H
									H
									H
									H
	5268	-58.00	-25	-33.00	-76.63	-65.21	2.49	9.70	V
	7908	-50.14	-25	-25.14	-74.38	-59.89	2.30	12.04	V
	10548	-50.03	-25	-25.03	-77.69	-59.75	2.69	12.41	V
	15816	-41.15	-25	-16.15	-77.77	-51.07	3.94	13.86	V
									V
									V
									V

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