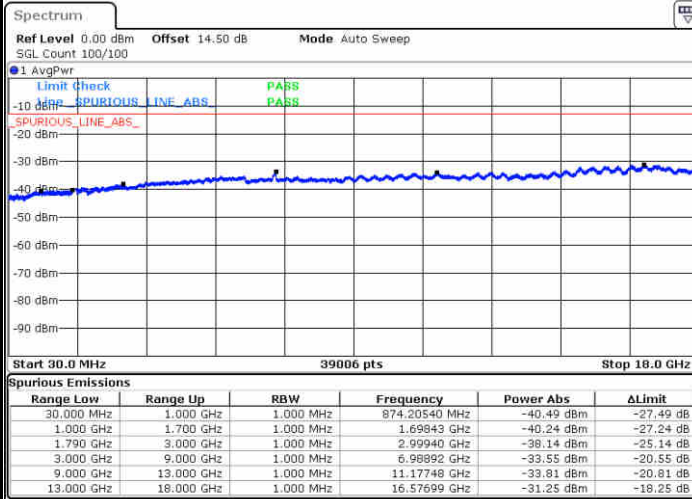


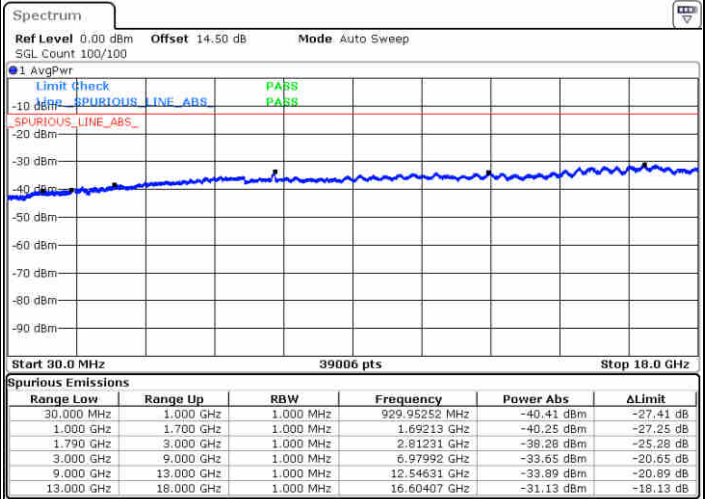


LTE Band 66 / 1.4MHz

Highest Channel / QPSK

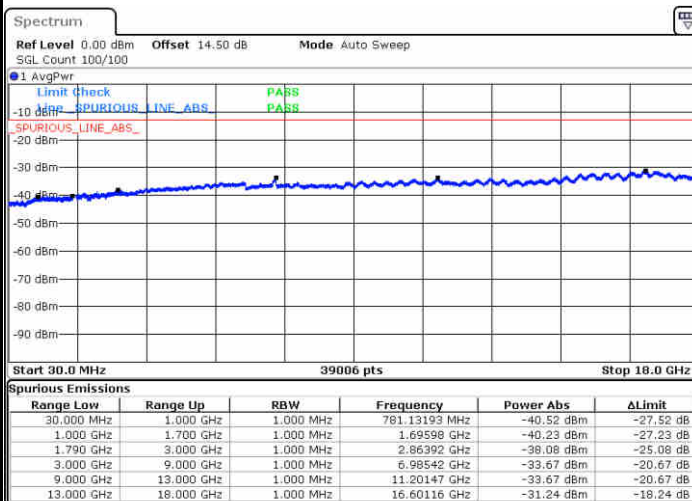


Highest Channel / 16QAM

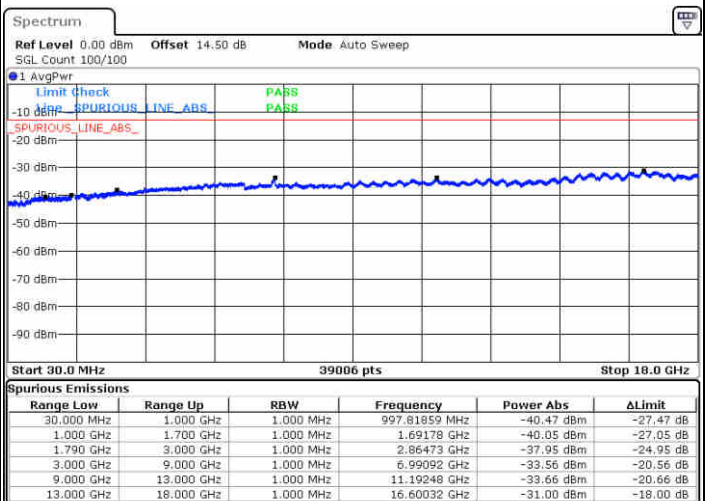


LTE Band 66 / 3MHz

Lowest Channel / QPSK



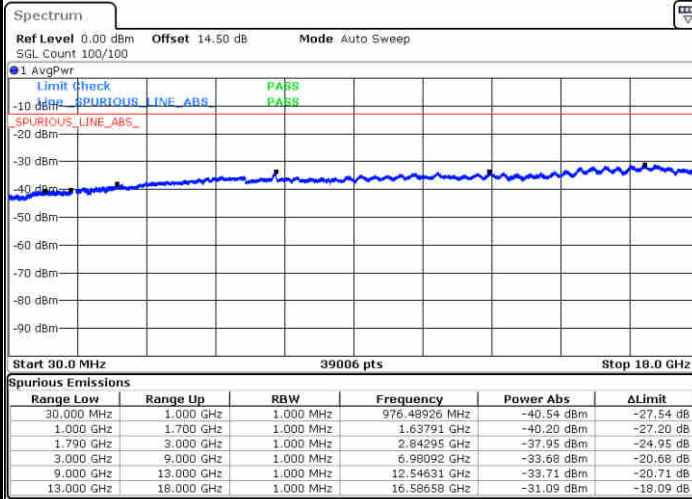
Lowest Channel / 16QAM



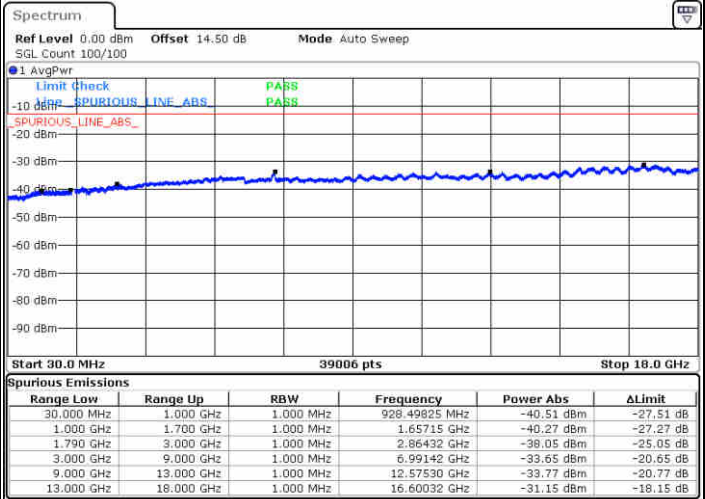


LTE Band 66 / 3MHz

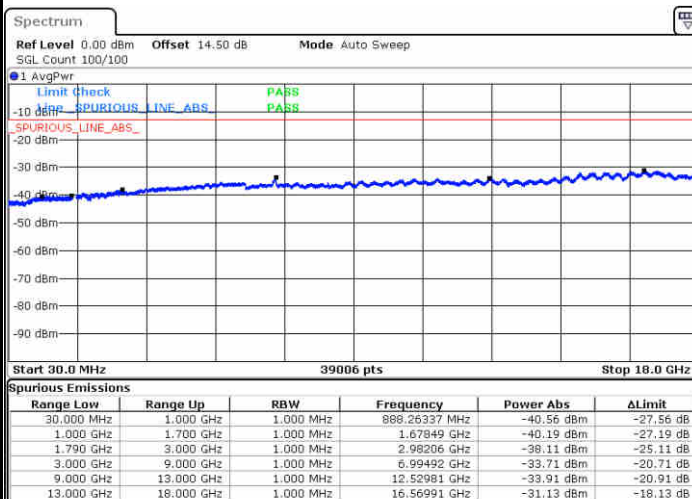
Middle Channel / QPSK



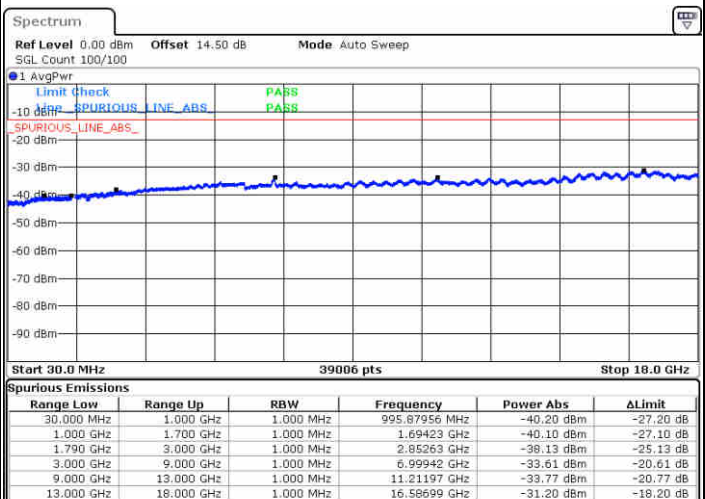
Middle Channel / 16QAM



Highest Channel / QPSK



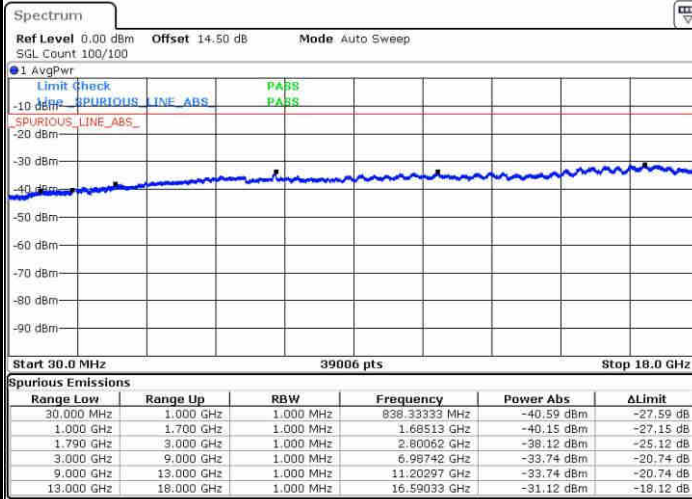
Highest Channel / 16QAM



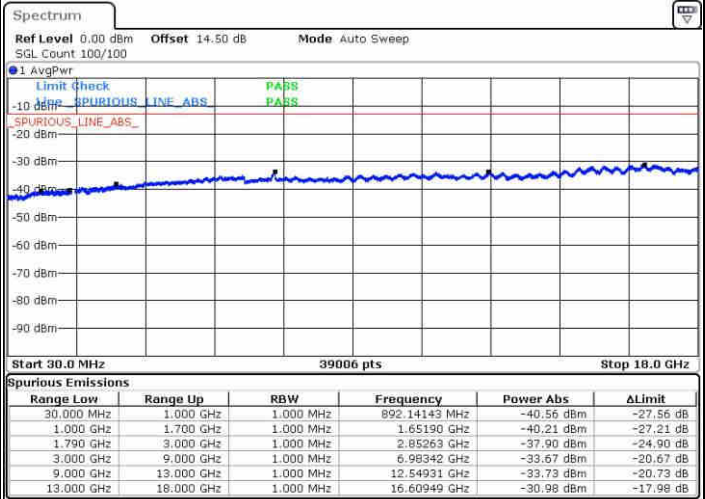


LTE Band 66 / 5MHz

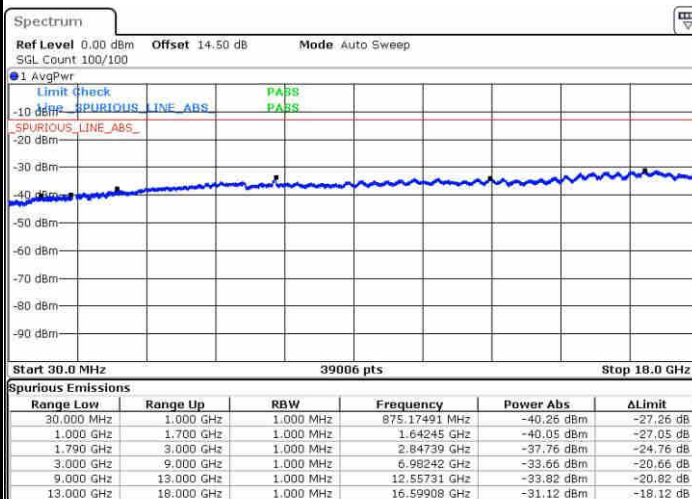
Lowest Channel / QPSK



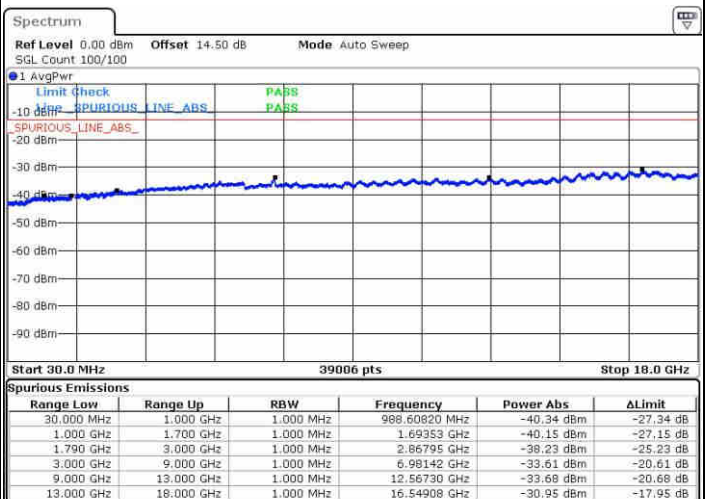
Lowest Channel / 16QAM



Middle Channel / QPSK



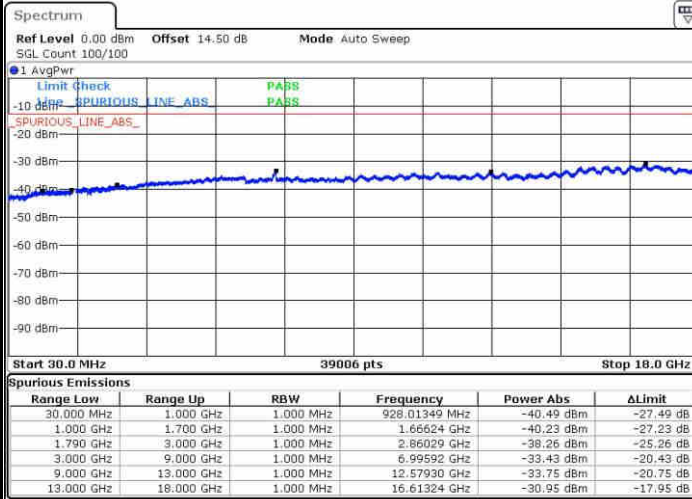
Middle Channel / 16QAM



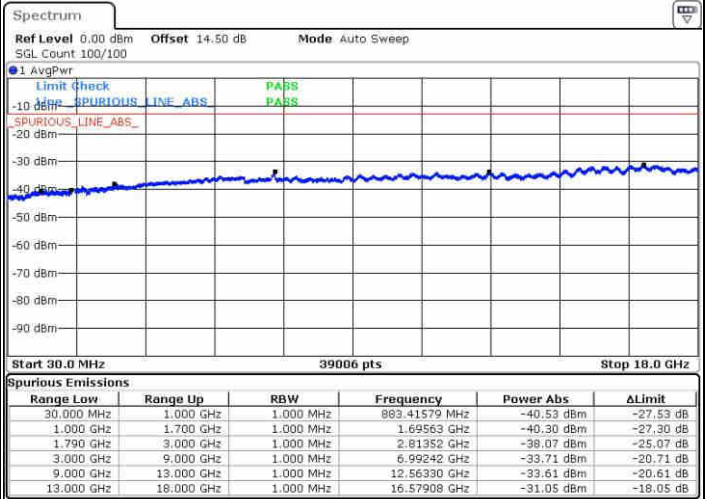


LTE Band 66 / 5MHz

Highest Channel / QPSK

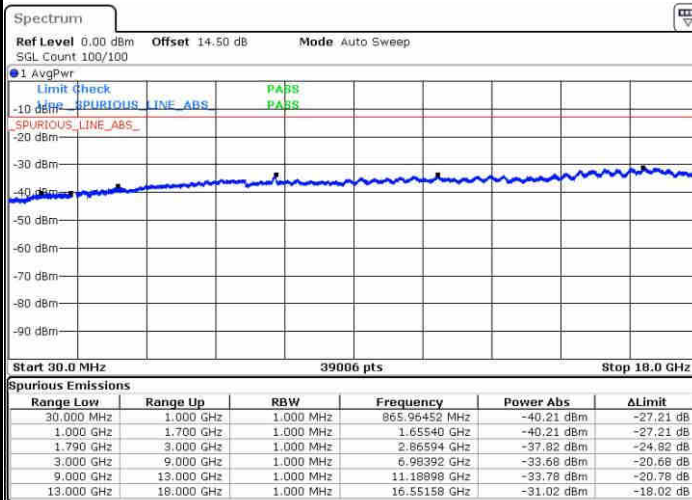


Highest Channel / 16QAM

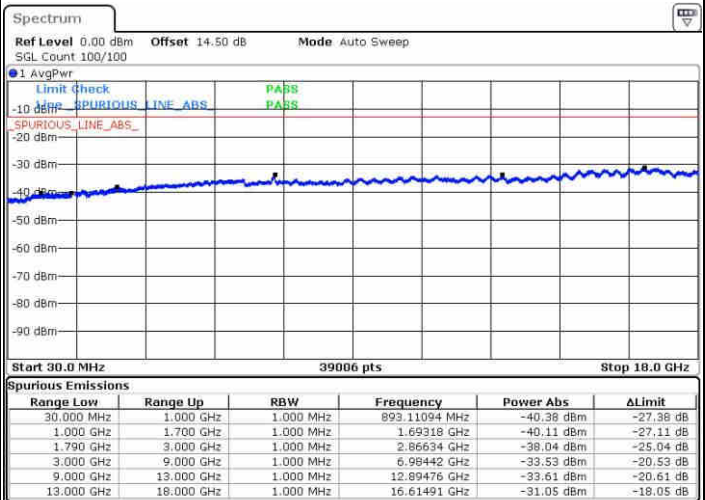


LTE Band 66 / 10MHz

Lowest Channel / QPSK



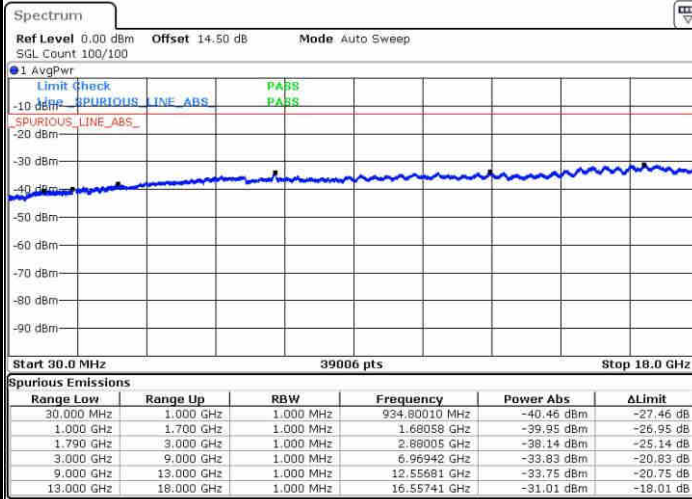
Lowest Channel / 16QAM



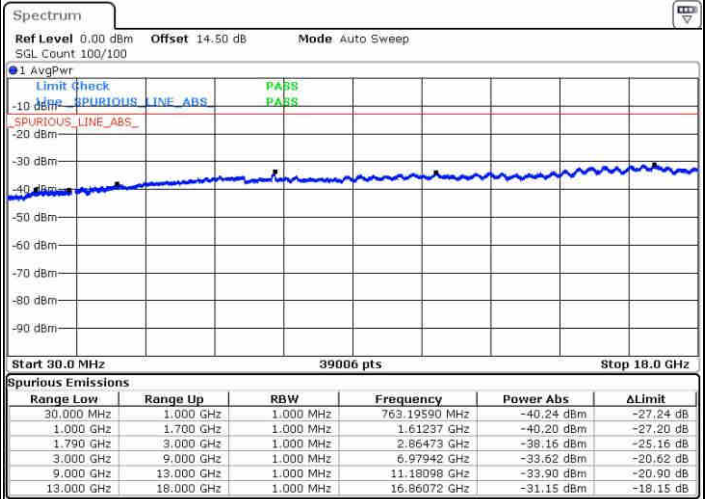


LTE Band 66 / 10MHz

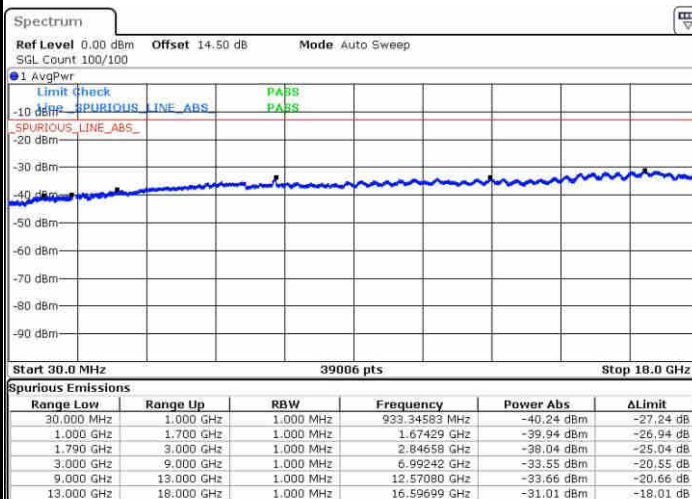
Middle Channel / QPSK



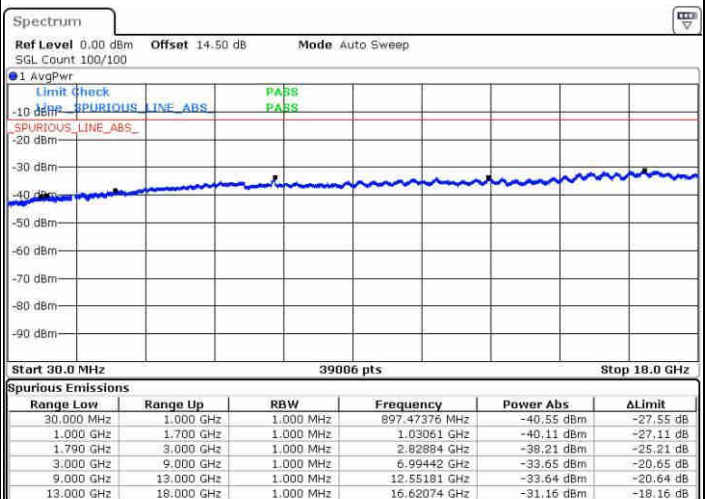
Middle Channel / 16QAM



Highest Channel / QPSK



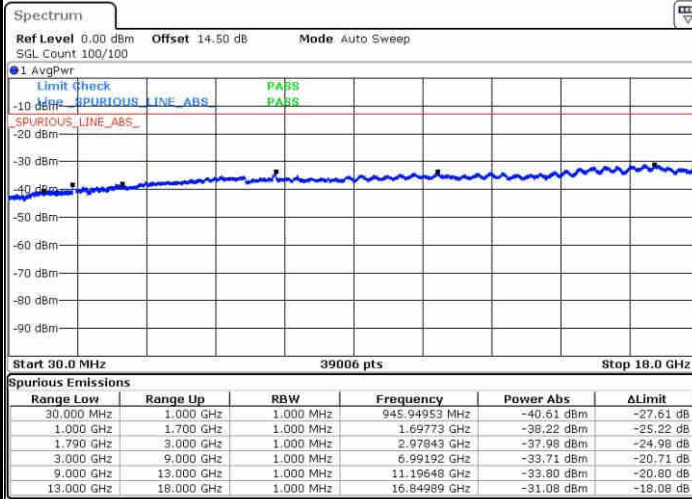
Highest Channel / 16QAM



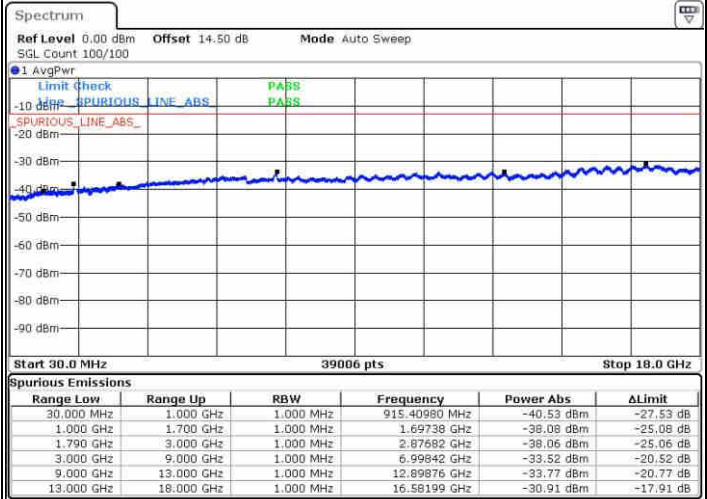


LTE Band 66 / 15MHz

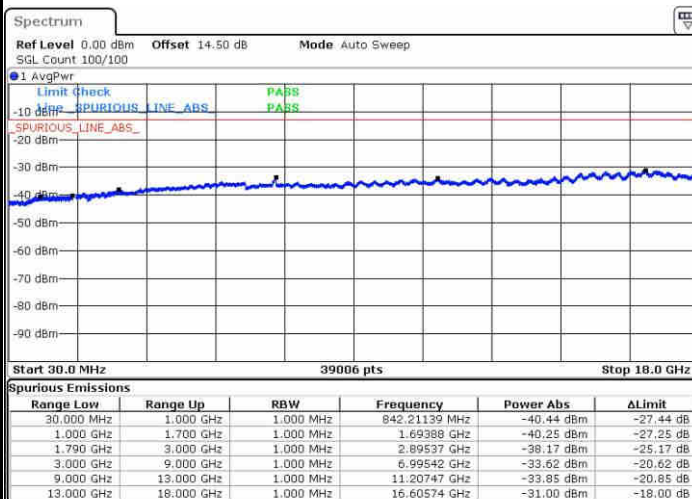
Lowest Channel / QPSK



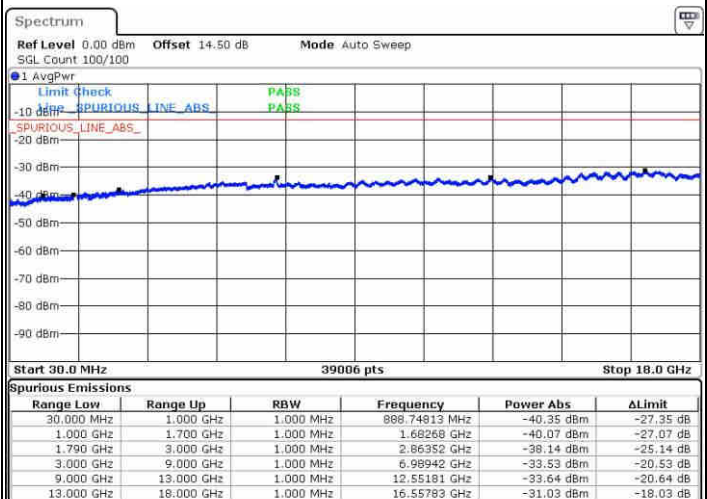
Lowest Channel / 16QAM



Middle Channel / QPSK



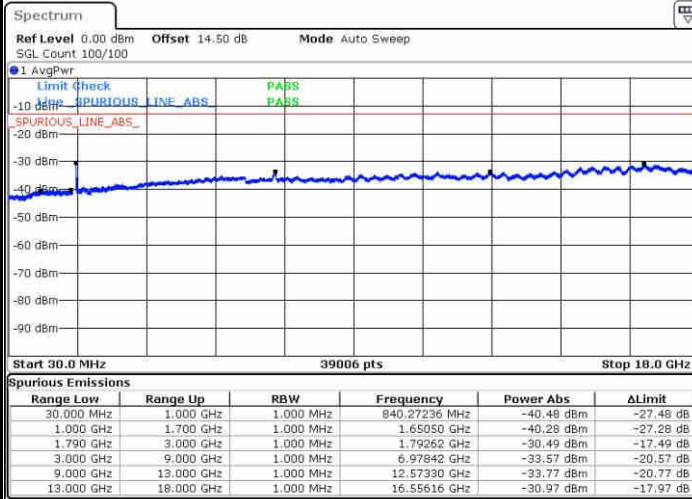
Middle Channel / 16QAM



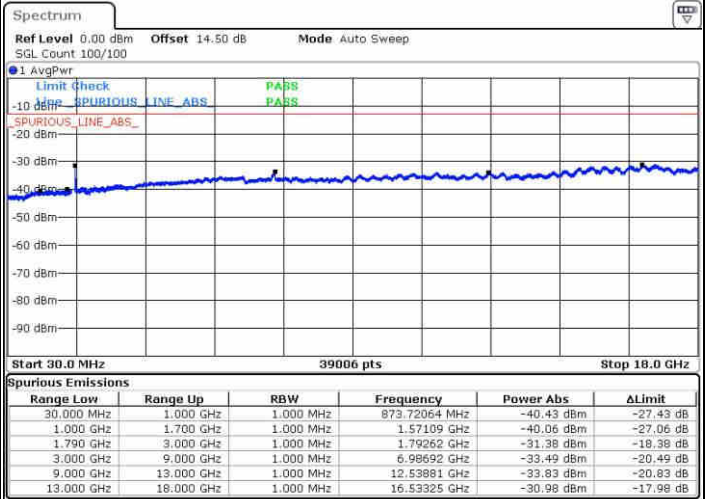


LTE Band 66 / 15MHz

Highest Channel / QPSK

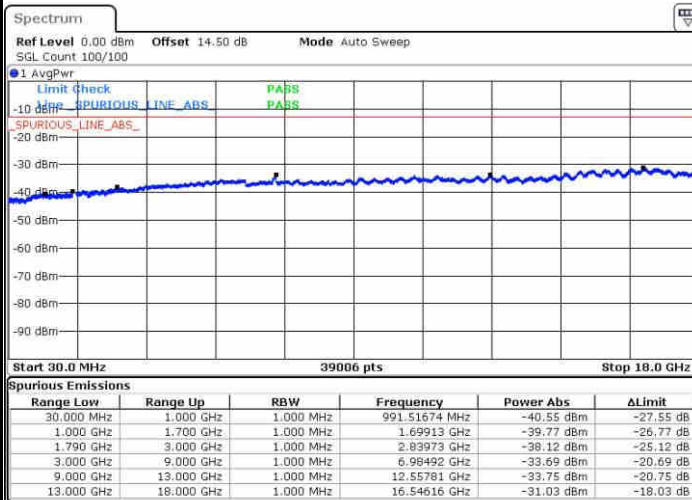


Highest Channel / 16QAM

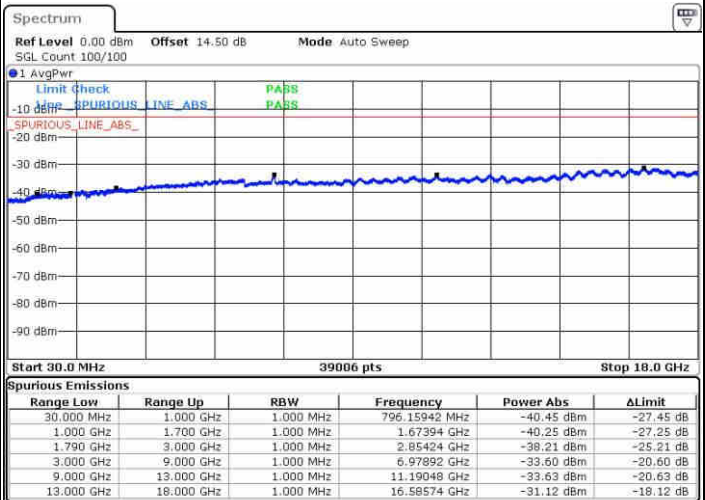


LTE Band 66 / 20MHz

Lowest Channel / QPSK



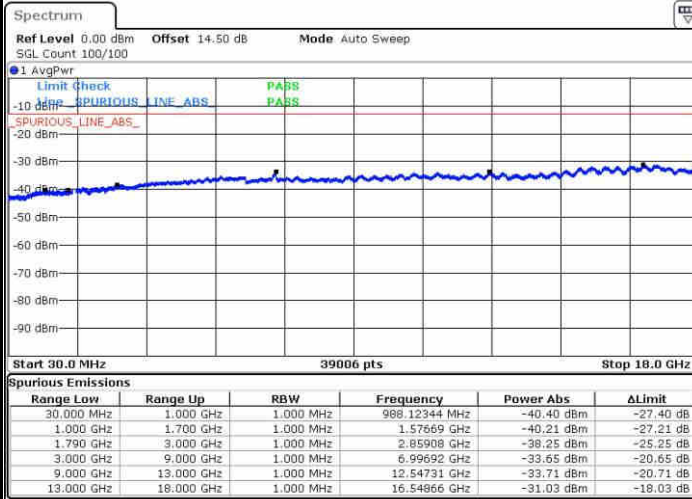
Lowest Channel / 16QAM



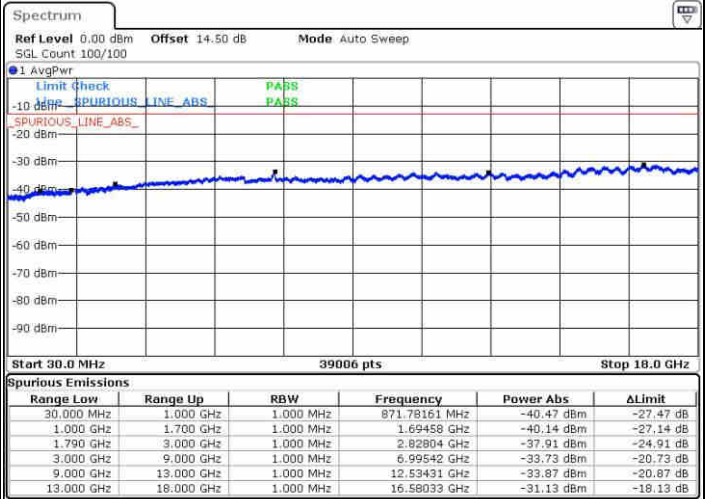


LTE Band 66 / 20MHz

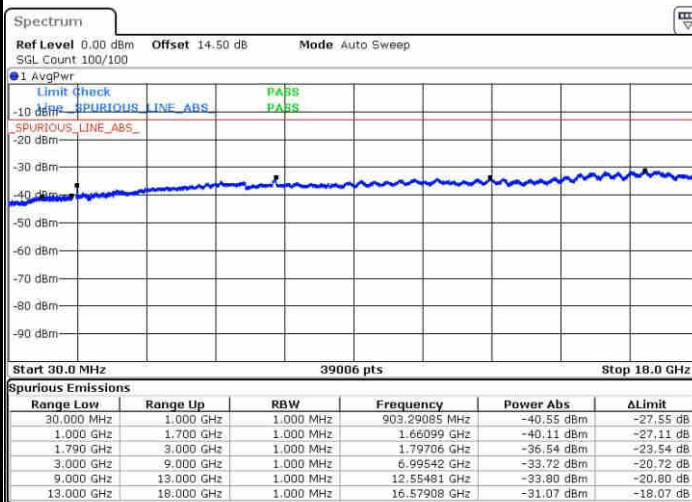
Middle Channel / QPSK



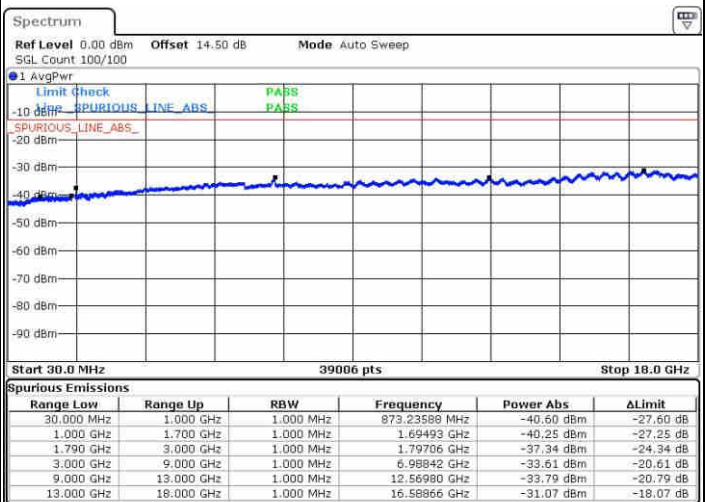
Middle Channel / 16QAM



Highest Channel / QPSK



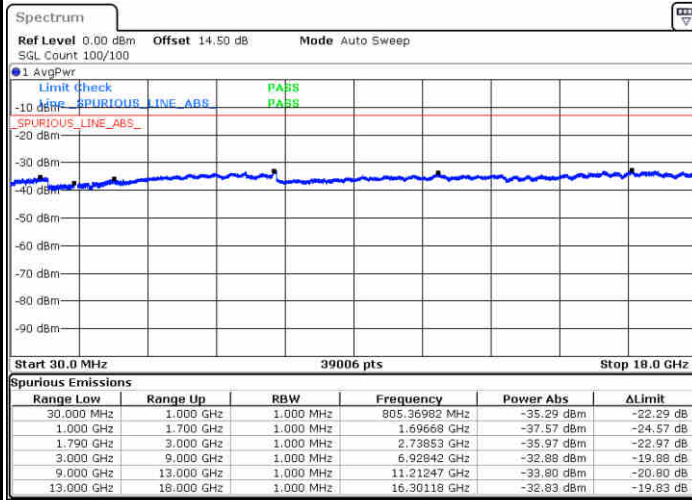
Highest Channel / 16QAM





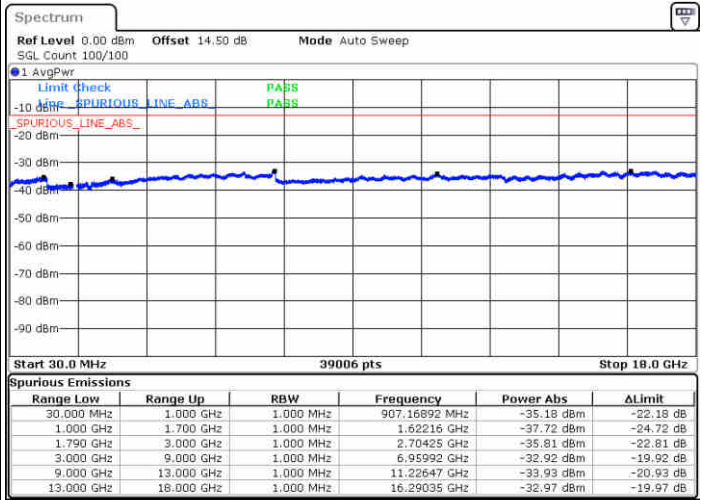
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



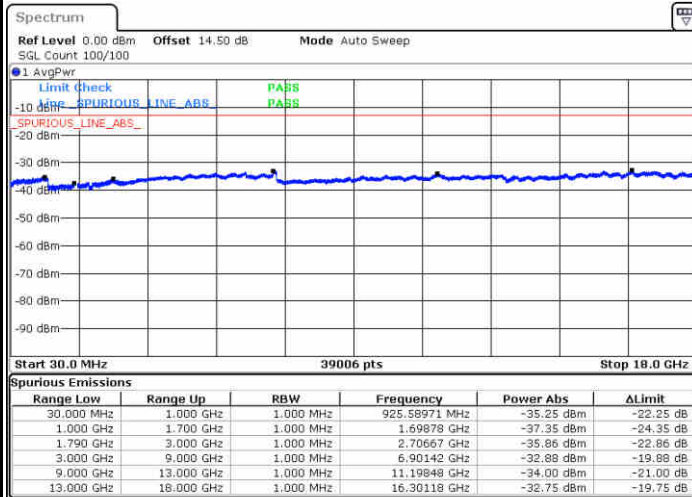
Date: 29 MAY 2019 16:02:29

Middle Channel / 64QAM



Date: 29 MAY 2019 16:09:25

Highest Channel / 64QAM

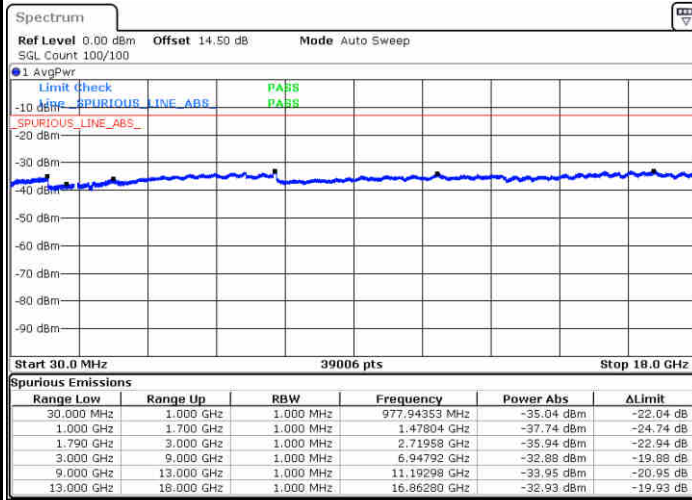


Date: 29 MAY 2019 16:15:46



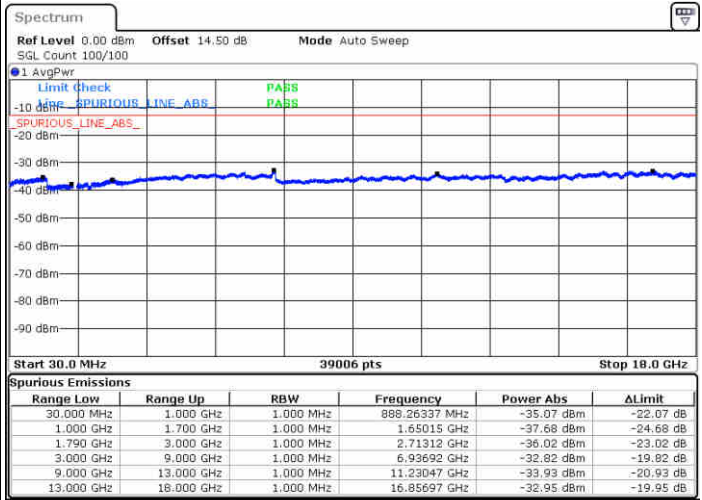
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



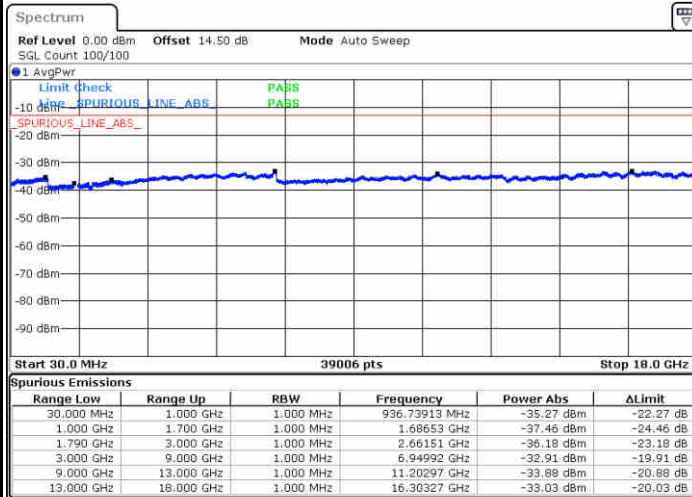
Date: 29 MAY 2019 16:35:11

Middle Channel / 64QAM



Date: 29 MAY 2019 16:36:07

Highest Channel / 64QAM

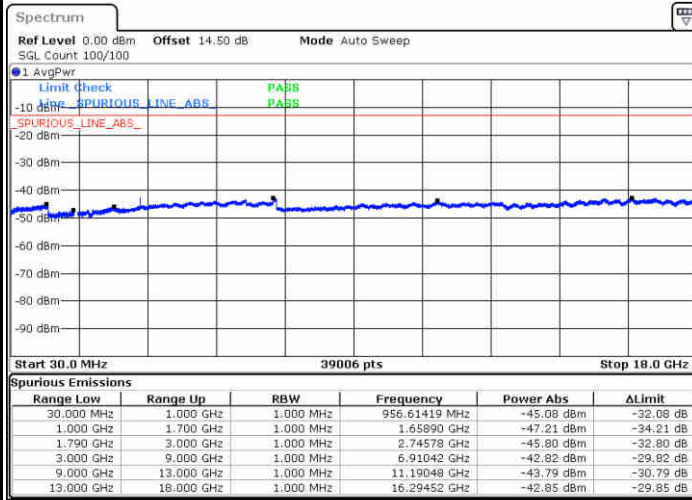


Date: 29 MAY 2019 16:40:45



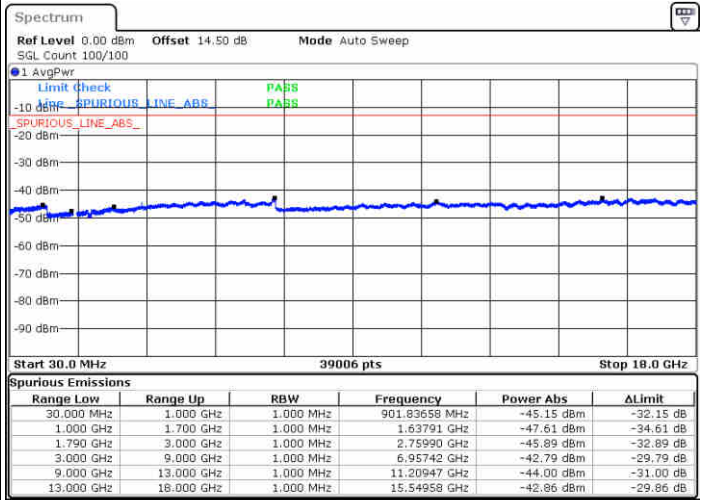
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



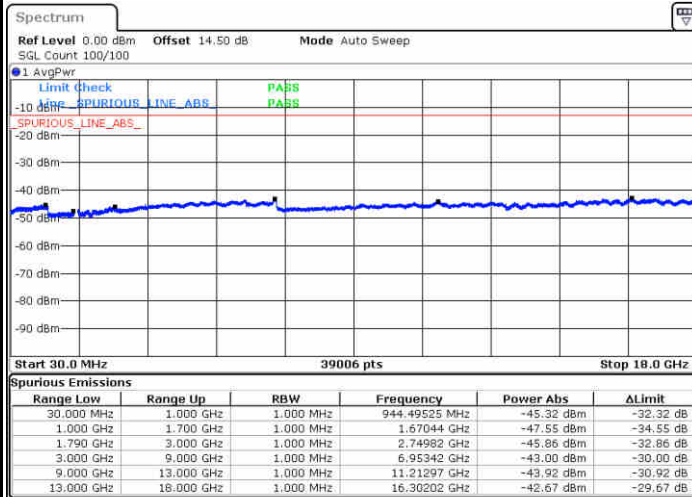
Date: 29 MAY 2019 16:50:55

Middle Channel / 64QAM



Date: 29 MAY 2019 16:54:17

Highest Channel / 64QAM

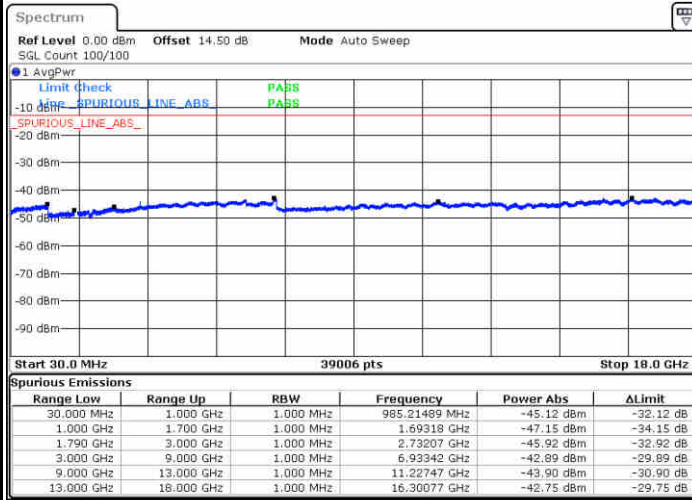


Date: 29 MAY 2019 16:55:40



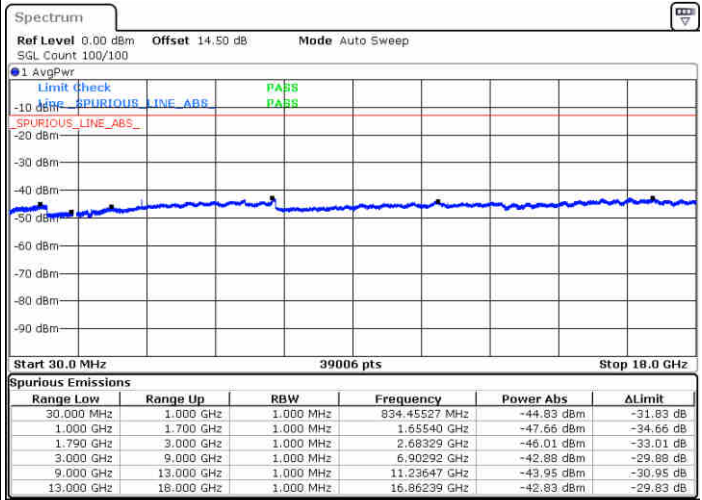
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



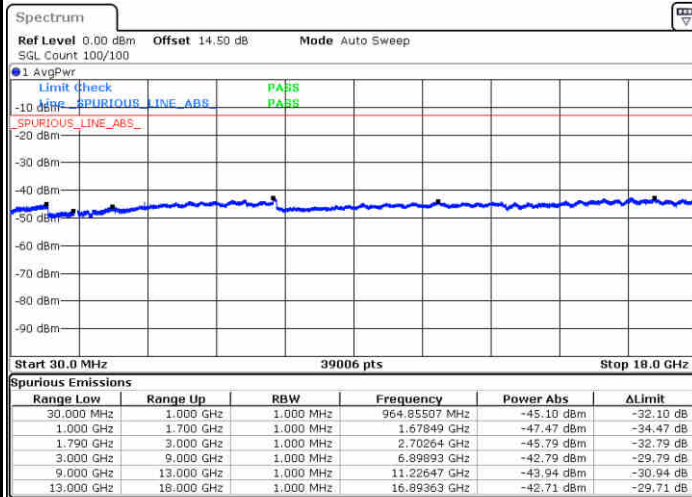
Date: 29 MAY 2019 17:07:13

Middle Channel / 64QAM



Date: 29 MAY 2019 17:08:12

Highest Channel / 64QAM

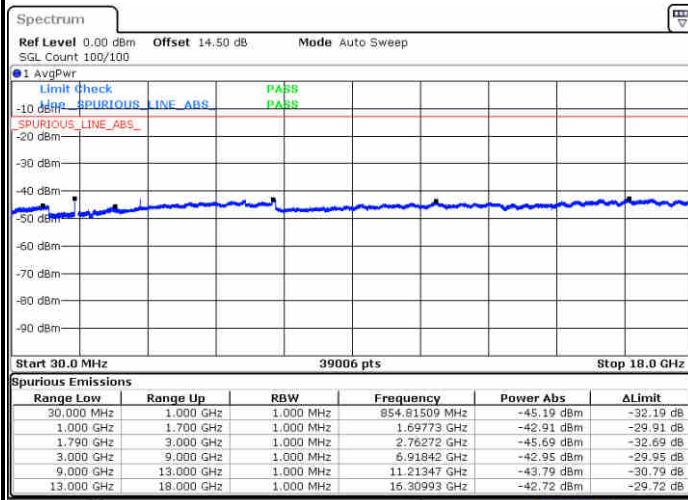


Date: 29 MAY 2019 17:12:39



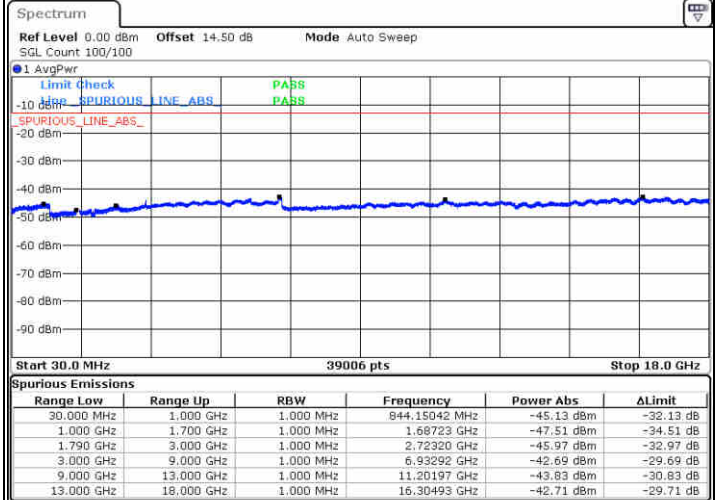
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



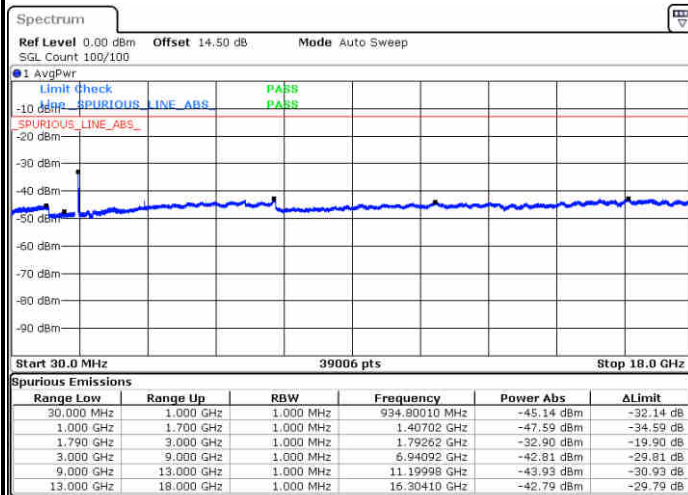
Date: 29 MAY 2019 17:17:13

Middle Channel / 64QAM



Date: 29 MAY 2019 17:25:35

Highest Channel / 64QAM

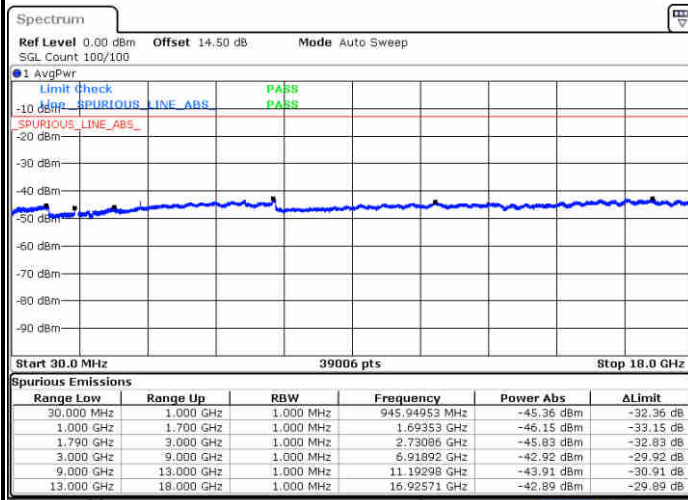


Date: 29 MAY 2019 17:55:14



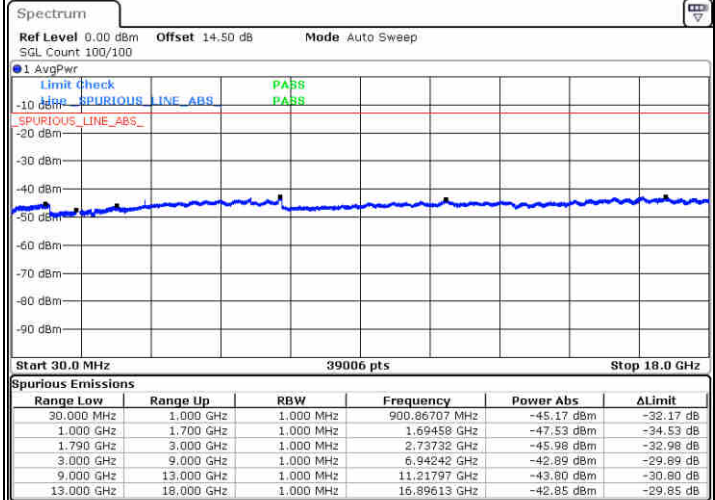
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



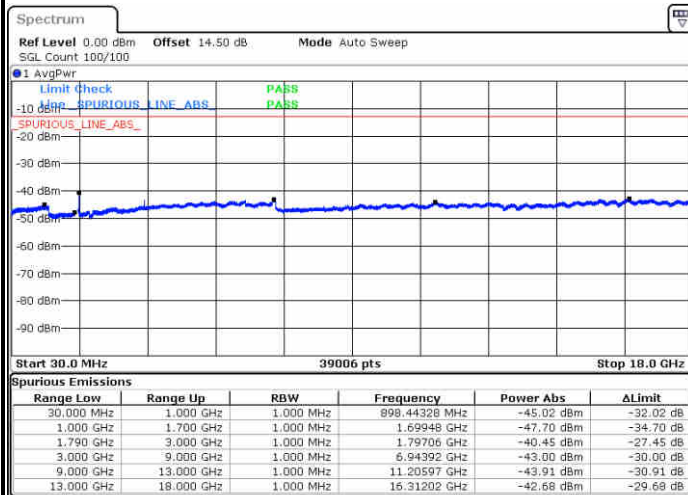
Date: 29 MAY 2019 18:46:52

Middle Channel / 64QAM



Date: 29 MAY 2019 18:51:40

Highest Channel / 64QAM

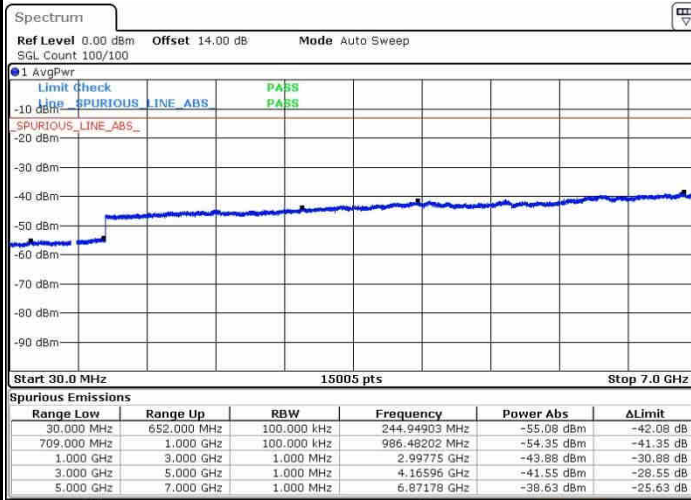


Date: 29 MAY 2019 18:56:22



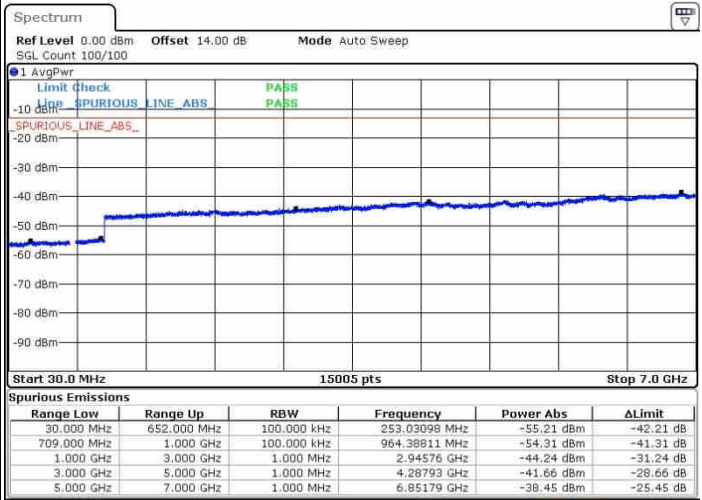
LTE Band 71 / 5MHz

Lowest Channel / QPSK



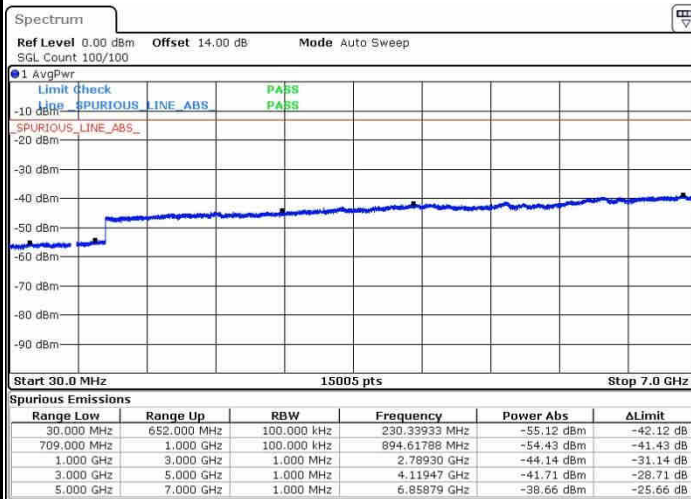
Date: 1.MAY.2019 06:47:46

Lowest Channel / 16QAM



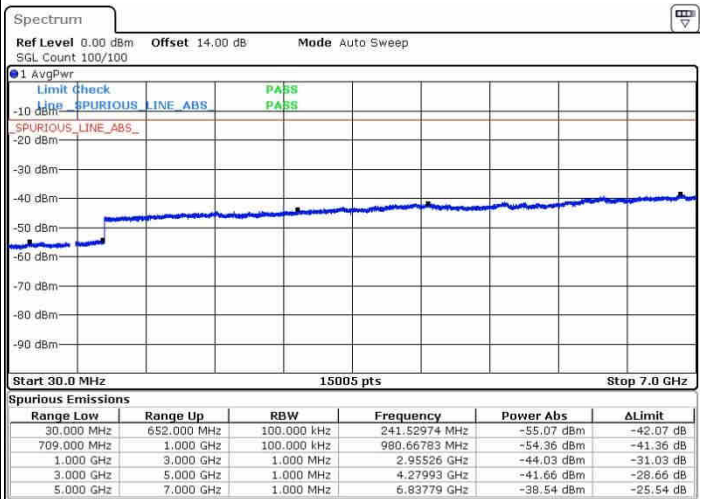
Date: 1.MAY.2019 06:39:41

Middle Channel / QPSK



Date: 1.MAY.2019 07:00:05

Middle Channel / 16QAM

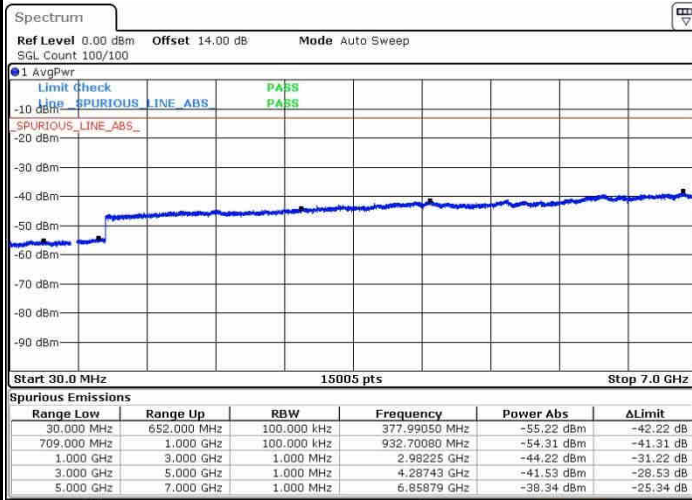


Date: 1.MAY.2019 07:01:13



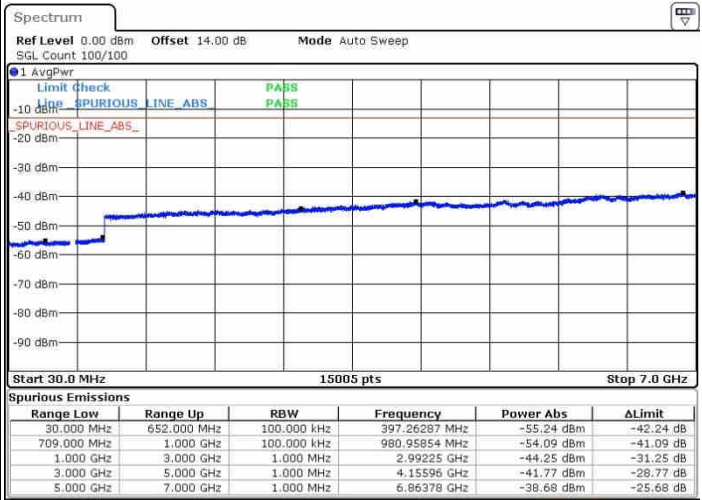
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 1.MAY.2019 07:10:38

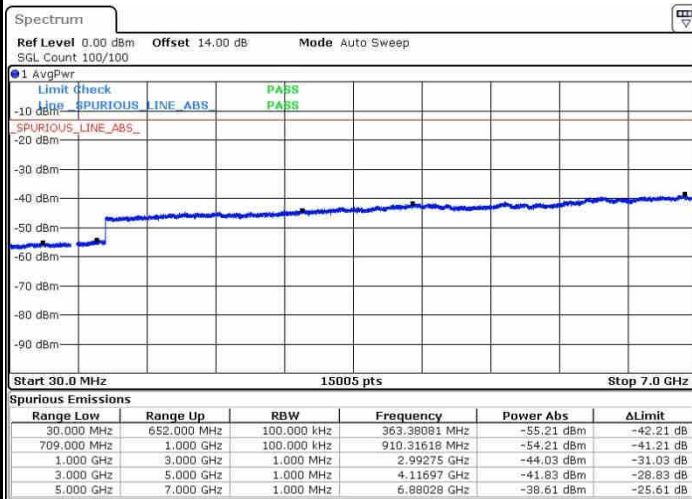
Highest Channel / 16QAM



Date: 1.MAY.2019 07:09:56

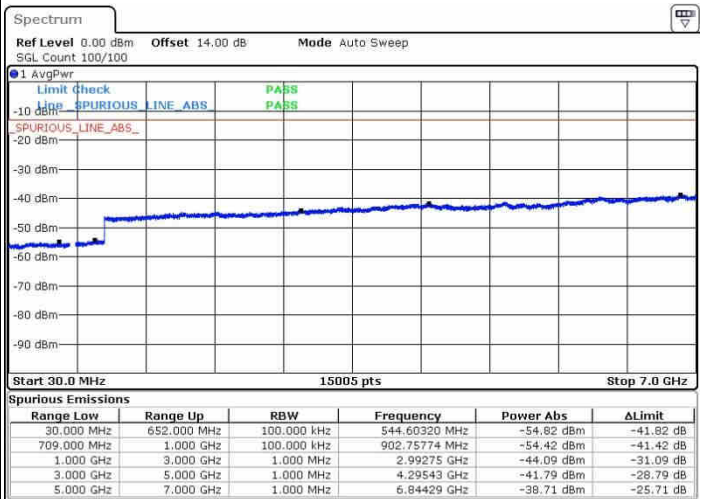
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 1.MAY.2019 07:35:37

Lowest Channel / 16QAM

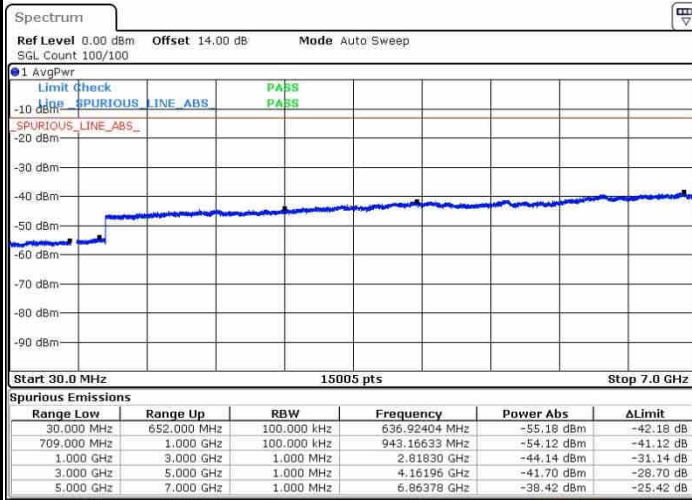


Date: 1.MAY.2019 07:34:14



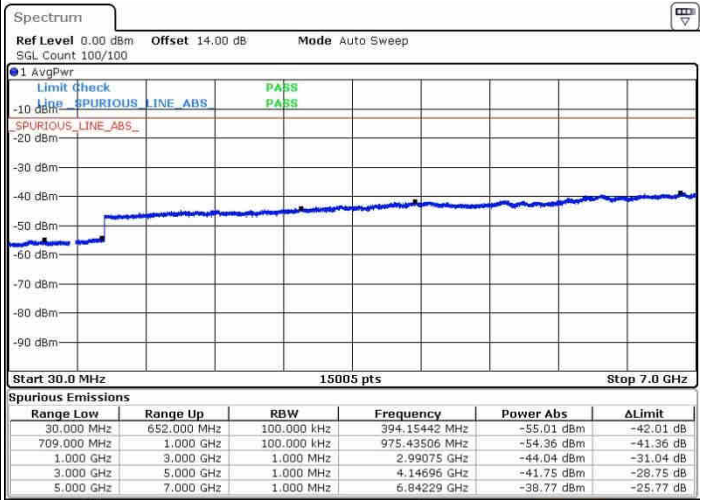
LTE Band 71 / 10MHz

Middle Channel / QPSK



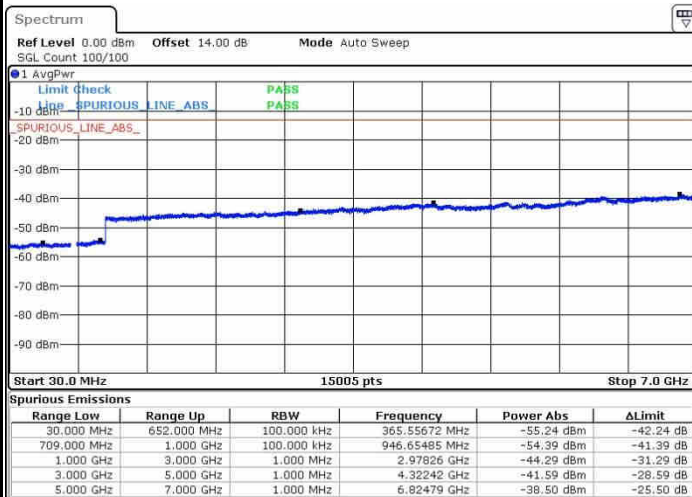
Date: 1.MAY.2019 07:37:41

Middle Channel / 16QAM



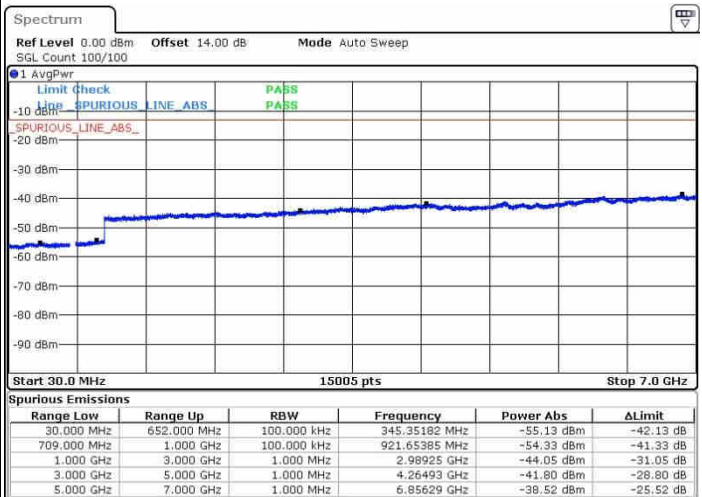
Date: 1.MAY.2019 07:38:40

Highest Channel / QPSK



Date: 1.MAY.2019 07:47:59

Highest Channel / 16QAM



Date: 1.MAY.2019 07:47:04



LTE Band 71 / 15MHz

Lowest Channel / QPSK



Date: 1.MAY.2019 08:10:02

Lowest Channel / 16QAM



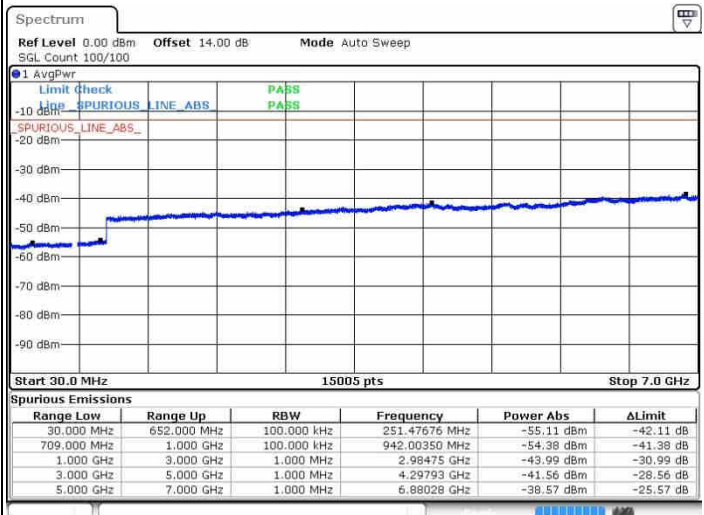
Date: 1.MAY.2019 08:04:17

Middle Channel / QPSK



Date: 1.MAY.2019 08:23:14

Middle Channel / 16QAM



Date: 1.MAY.2019 08:23:54



LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 1.MAY.2019 08:35:16

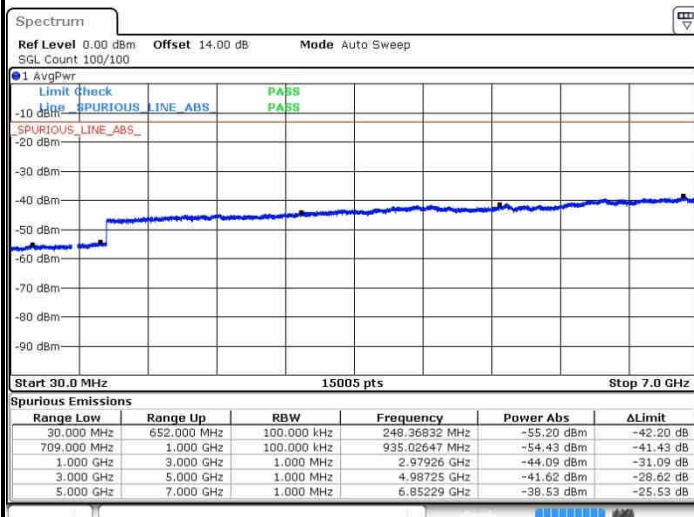
Highest Channel / 16QAM



Date: 1.MAY.2019 08:34:32

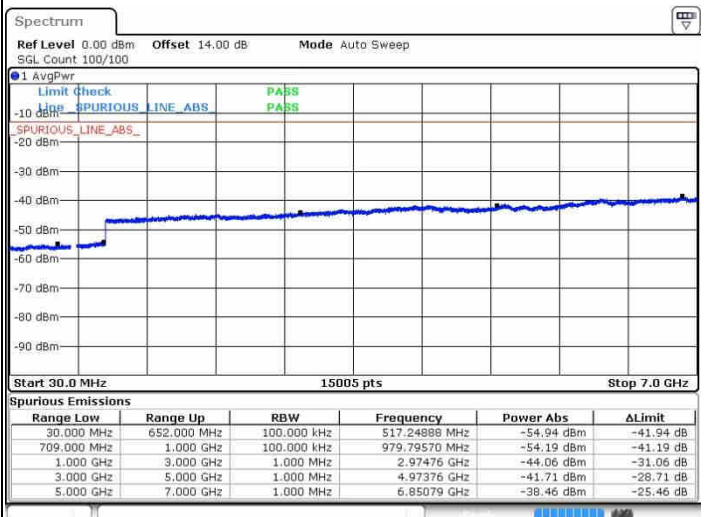
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 1.MAY.2019 09:12:08

Lowest Channel / 16QAM

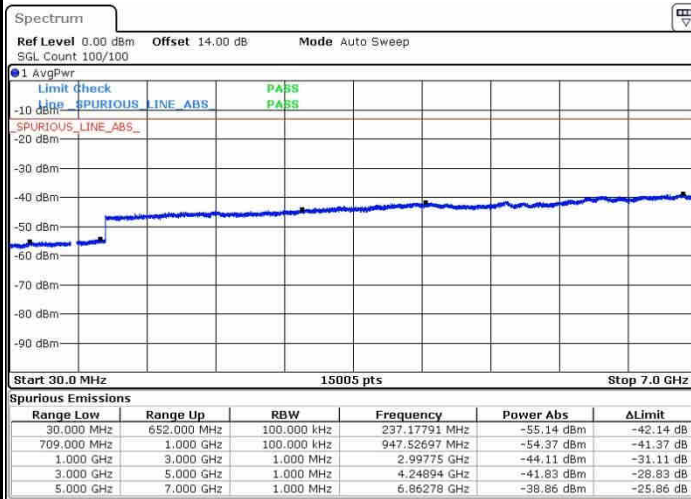


Date: 1.MAY.2019 09:05:52



LTE Band 71 / 20MHz

Middle Channel / QPSK



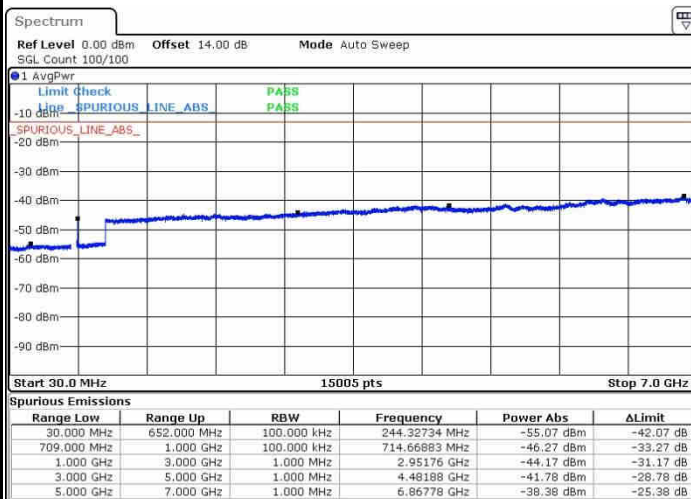
Date: 1.MAY.2019 09:14:08

Middle Channel / 16QAM



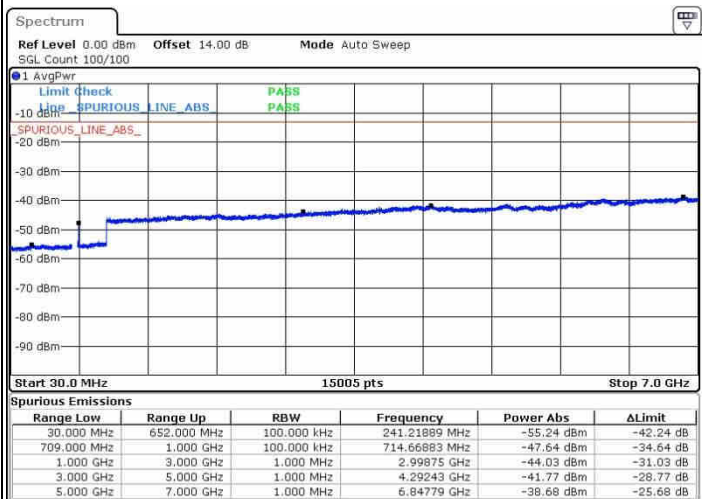
Date: 1.MAY.2019 09:14:56

Highest Channel / QPSK



Date: 1.MAY.2019 09:23:47

Highest Channel / 16QAM

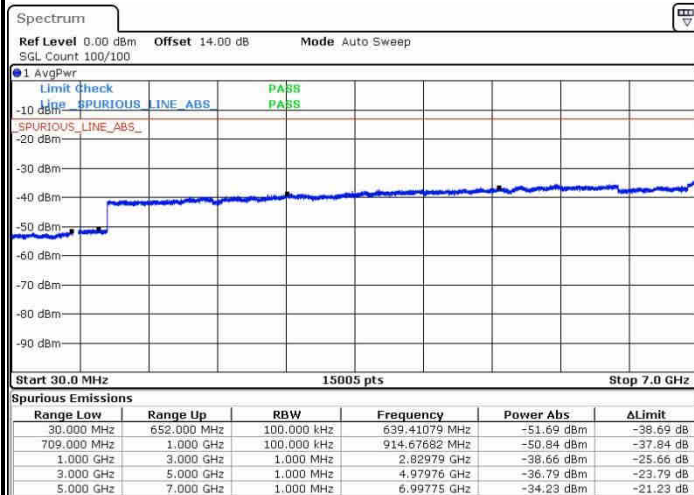


Date: 1.MAY.2019 09:23:03



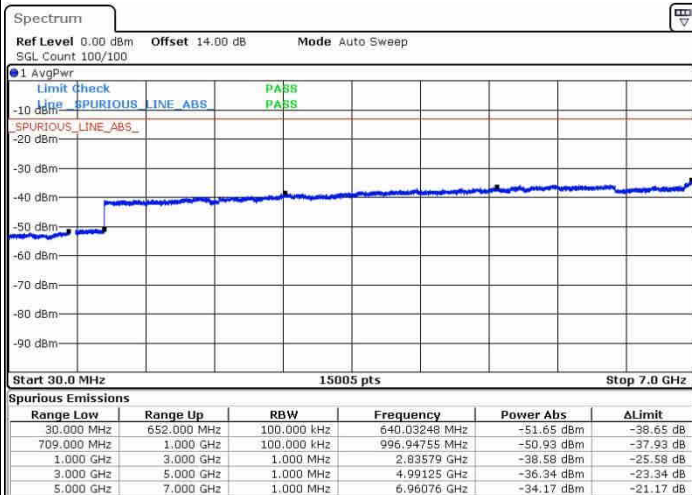
LTE Band 71 / 5MHz

Lowest Channel / 64QAM



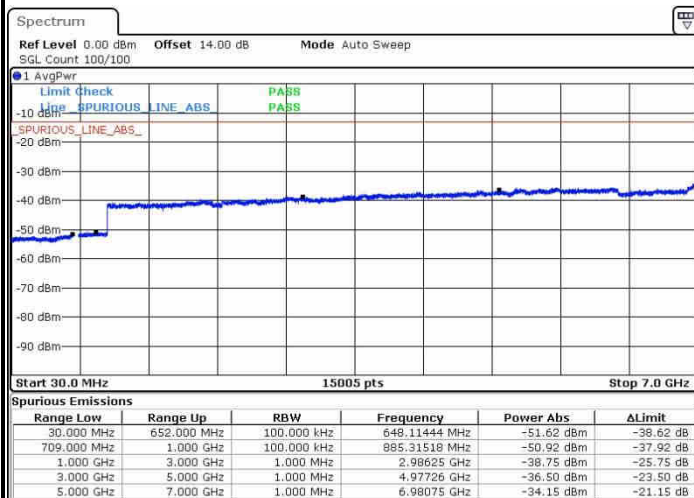
Date: 29.MAY.2019 20:53:36

Middle Channel / 64QAM



Date: 29.MAY.2019 20:55:06

Highest Channel / 64QAM

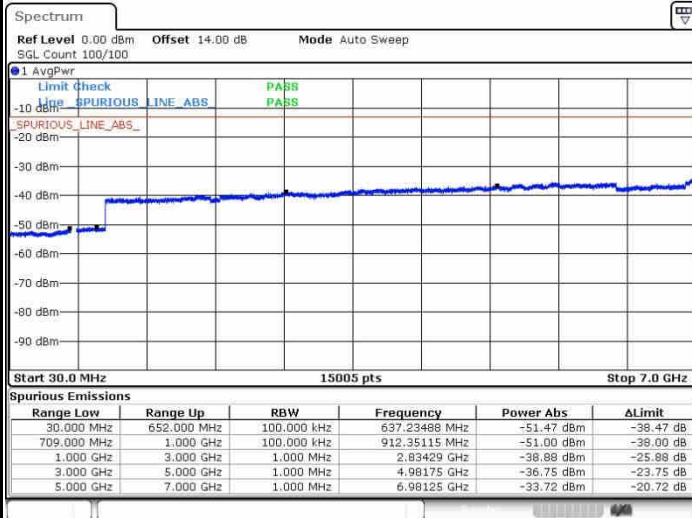


Date: 29.MAY.2019 21:17:26



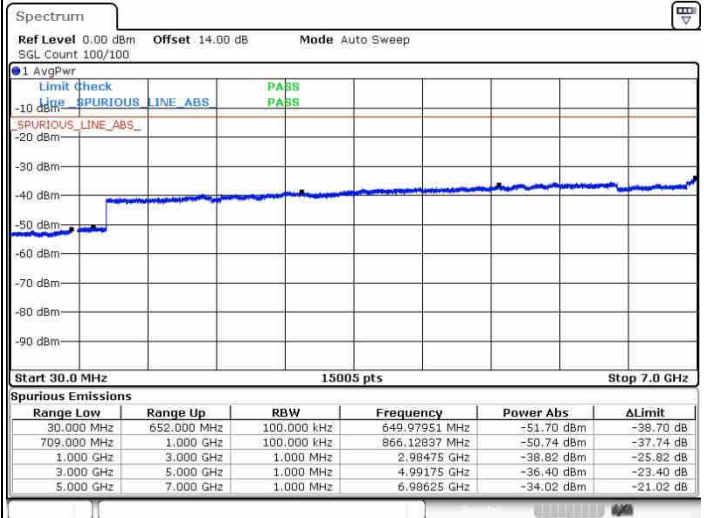
LTE Band 71 / 10MHz

Lowest Channel / 64QAM



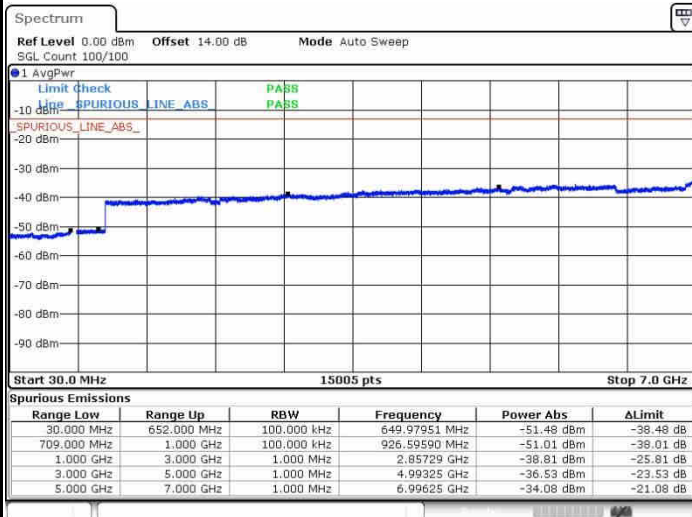
Date: 29.MAY.2019 21:21:55

Middle Channel / 64QAM



Date: 29.MAY.2019 21:25:04

Highest Channel / 64QAM

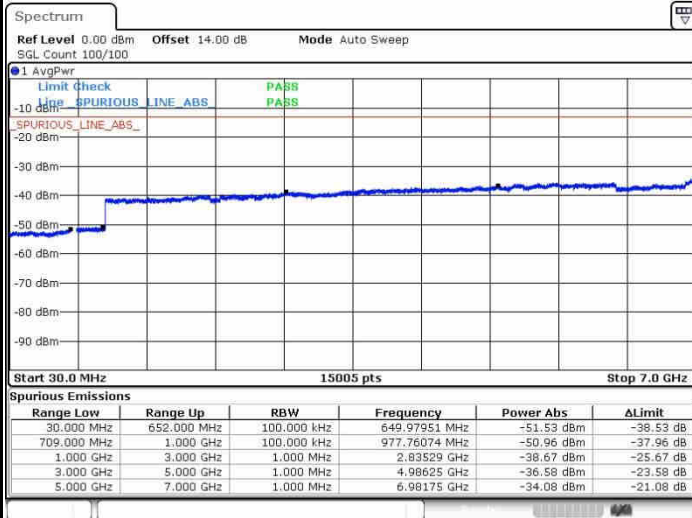


Date: 29.MAY.2019 21:37:07



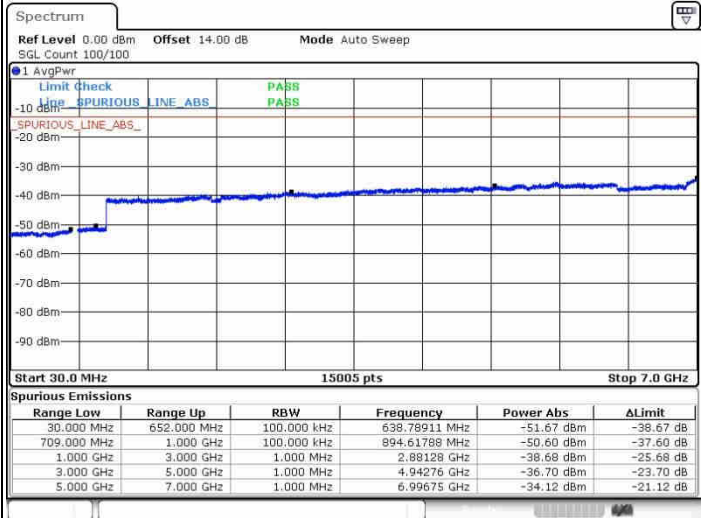
LTE Band 71 / 15MHz

Lowest Channel / 64QAM



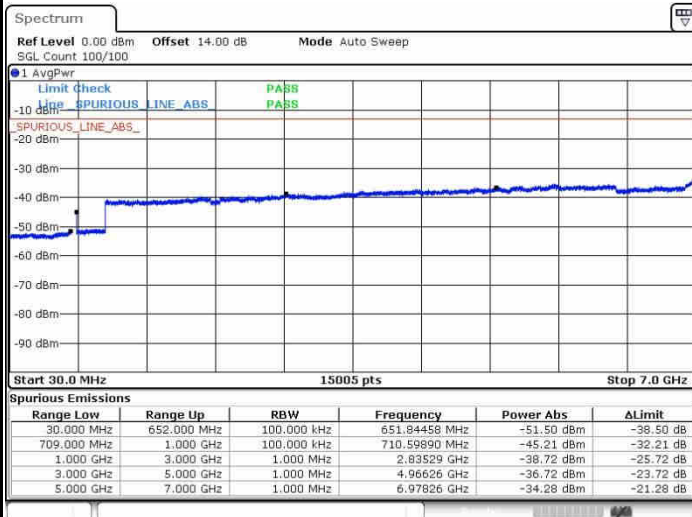
Date: 29.MAY.2019 22:02:08

Middle Channel / 64QAM



Date: 29.MAY.2019 22:00:44

Highest Channel / 64QAM

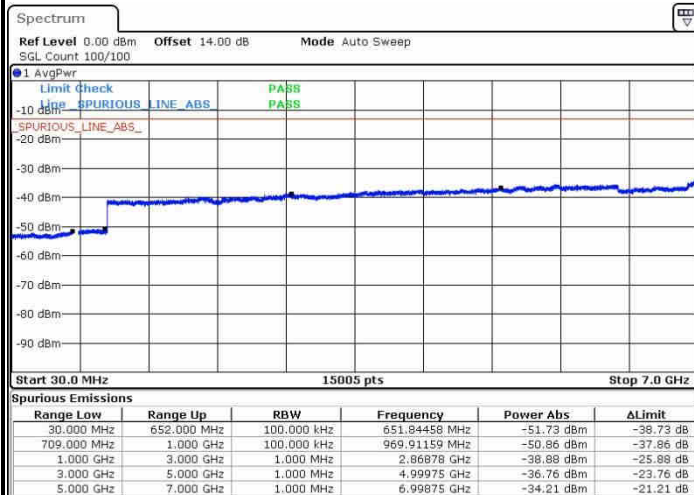


Date: 29.MAY.2019 22:09:09



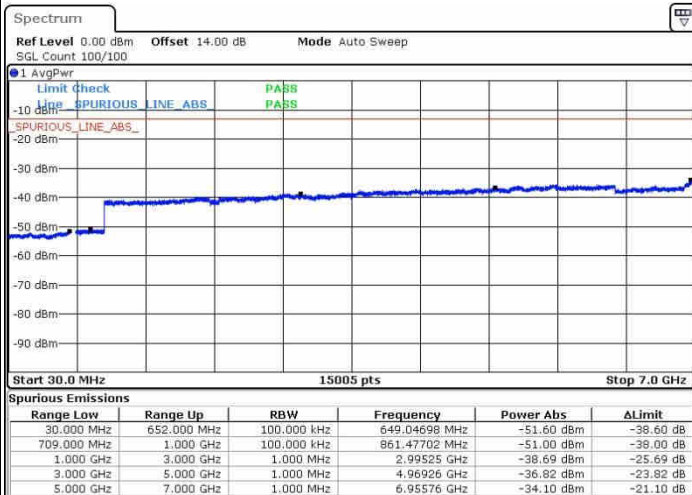
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



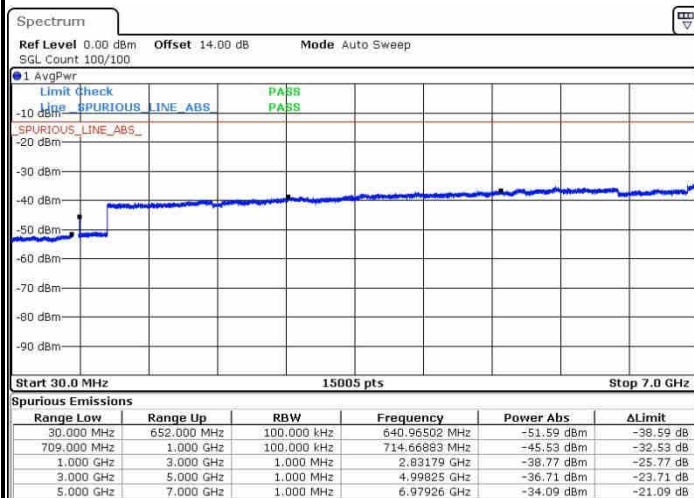
Date: 29.MAY.2019 22:20:37

Middle Channel / 64QAM



Date: 29.MAY.2019 22:25:41

Highest Channel / 64QAM



Date: 29.MAY.2019 22:29:43

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-59.13	-13	-46.13	-72.75	-66.73	5.00	12.60	H
	5638.38	-60.20	-13	-47.20	-76.80	-66.00	7.30	13.10	H
	7517.84	-59.84	-13	-46.84	-79.82	-63.41	7.73	11.30	H
	3758.92	-62.35	-13	-49.35	-76.68	-69.95	5.00	12.60	V
	5638.38	-57.84	-13	-44.84	-74.37	-63.64	7.30	13.10	V
	7517.84	-59.97	-13	-46.97	-79.61	-63.54	7.73	11.30	V

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

LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3757.48	-58.46	-13	-45.46	-72.08	-66.06	5.00	12.60	H
	5636.22	-53.52	-13	-40.52	-70.12	-59.32	7.30	13.10	H
	7514.96	-59.73	-13	-46.73	-79.71	-63.30	7.73	11.30	H
	3757.48	-61.63	-13	-48.63	-75.96	-69.23	5.00	12.60	V
	5636.22	-50.60	-13	-37.60	-67.13	-56.40	7.30	13.10	V
	7514.96	-60.00	-13	-47.00	-79.64	-63.57	7.73	11.30	V

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.68	-60.02	-13	-47.02	-73.64	-67.62	5.00	12.60	H
	5633.52	-55.09	-13	-42.09	-71.69	-60.89	7.30	13.10	H
	7511.36	-59.82	-13	-46.82	-79.80	-63.39	7.73	11.30	H
	3755.68	-62.65	-13	-49.65	-76.98	-70.25	5.00	12.60	V
	5633.52	-52.20	-13	-39.20	-68.73	-58.00	7.30	13.10	V
	7511.36	-60.16	-13	-47.16	-79.8	-63.73	7.73	11.30	V

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

LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751.18	-60.12	-13	-47.12	-73.74	-67.72	5.00	12.60	H
	5626.77	-54.13	-13	-41.13	-70.73	-59.93	7.30	13.10	H
	7502.00	-59.55	-13	-46.55	-79.53	-63.12	7.73	11.30	H
	3751.18	-62.38	-13	-49.38	-76.71	-69.98	5.00	12.60	V
	5626.77	-55.48	-13	-42.48	-72.01	-61.28	7.30	13.10	V
	7502.00	-60.16	-13	-47.16	-79.8	-63.73	7.73	11.30	V

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



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.68	-61.10	-13	-48.10	-74.72	-68.70	5.00	12.60	H
	5620.02	-59.57	-13	-46.57	-76.17	-65.37	7.30	13.10	H
	7493.36	-59.80	-13	-46.80	-79.78	-63.37	7.73	11.30	H
	3746.68	-62.30	-13	-49.30	-76.63	-69.90	5.00	12.60	V
	5620.02	-57.40	-13	-44.40	-73.93	-63.20	7.30	13.10	V
	7493.36	-60.12	-13	-47.12	-79.76	-63.69	7.73	11.30	V

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

LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-61.13	-13	-48.13	-74.75	-68.73	5.00	12.60	H
	5613.27	-58.49	-13	-45.49	-75.09	-64.29	7.30	13.10	H
	7484.36	-59.72	-13	-46.72	-79.70	-63.29	7.73	11.30	H
	3742.18	-62.39	-13	-49.39	-76.72	-69.99	5.00	12.60	V
	5613.27	-56.79	-13	-43.79	-73.32	-62.59	7.30	13.10	V
	7484.36	-59.89	-13	-46.89	-79.53	-63.46	7.73	11.30	V

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



LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.74	-51.68	-13	-38.68	-65.38	-59.65	4.63	12.60	H
	5195.61	-54.81	-13	-41.81	-72.74	-61.26	6.25	12.70	H
	6927.48	-60.01	-13	-47.01	-79.63	-64.78	8.23	13.00	H
	3463.74	-54.97	-13	-41.97	-66.38	-62.94	4.63	12.60	V
	5195.61	-58.92	-13	-45.92	-72.53	-65.37	6.25	12.70	V
	6927.48	-60.35	-13	-47.35	-79.47	-65.12	8.23	13.00	V

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

LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-54.89	-13	-41.89	-68.59	-62.86	4.63	12.60	H
	5193.72	-56.49	-13	-43.49	-74.42	-62.94	6.25	12.70	H
	6924.96	-60.34	-13	-47.34	-79.96	-65.11	8.23	13.00	H
	3462.48	-55.07	-13	-42.07	-66.48	-63.04	4.63	12.60	V
	5193.72	-60.59	-13	-47.59	-74.2	-67.04	6.25	12.70	V
	6924.96	-61.05	-13	-48.05	-80.17	-65.82	8.23	13.00	V

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



LTE Band 4 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-53.28	-13	-40.28	-66.98	-61.25	4.63	12.60	H
	5191.02	-54.89	-13	-41.89	-72.82	-61.34	6.25	12.70	H
	6921.36	-60.59	-13	-47.59	-80.21	-65.36	8.23	13.00	H
	3460.68	-54.39	-13	-41.39	-65.8	-62.36	4.63	12.60	V
	5191.02	-59.70	-13	-46.70	-73.31	-66.15	6.25	12.70	V
	6921.36	-60.88	-13	-47.88	-80	-65.65	8.23	13.00	V

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

LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-52.39	-13	-39.39	-66.09	-60.36	4.63	12.60	H
	5184.27	-55.47	-13	-42.47	-73.40	-61.92	6.25	12.70	H
	6912.36	-60.21	-13	-47.21	-79.83	-64.98	8.23	13.00	H
	3456.18	-55.11	-13	-42.11	-66.52	-63.08	4.63	12.60	V
	5184.27	-60.52	-13	-47.52	-74.13	-66.97	6.25	12.70	V
	6912.36	-60.93	-13	-47.93	-80.05	-65.70	8.23	13.00	V

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



LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-50.85	-13	-37.85	-64.55	-58.82	4.63	12.60	H
	5177.52	-56.63	-13	-43.63	-74.56	-63.08	6.25	12.70	H
	6903.36	-60.42	-13	-47.42	-80.04	-65.19	8.23	13.00	H
	3451.68	-55.54	-13	-42.54	-66.95	-63.51	4.63	12.60	V
	5177.52	-58.47	-13	-45.47	-72.08	-64.92	6.25	12.70	V
	6903.36	-60.91	-13	-47.91	-80.03	-65.68	8.23	13.00	V

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

LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-52.60	-13	-39.60	-66.30	-60.57	4.63	12.60	H
	5170.77	-57.96	-13	-44.96	-75.89	-64.41	6.25	12.70	H
	6894.36	-60.16	-13	-47.16	-79.78	-64.93	8.23	13.00	H
	3447.18	-56.19	-13	-43.19	-67.6	-64.16	4.63	12.60	V
	5170.77	-60.32	-13	-47.32	-73.93	-66.77	6.25	12.70	V
	6894.36	-60.85	-13	-47.85	-79.97	-65.62	8.23	13.00	V

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



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)
Middle	1671.92	-73.30	-13	-60.30	-75.01	-77.67	2.88	9.40	H
	2507.88	-70.83	-13	-57.83	-76.89	-75.78	3.50	10.60	H
	3343.84	-69.97	-13	-56.97	-77.97	-75.79	4.63	12.60	H
	1671.92	-72.90	-13	-59.90	-74.74	-77.27	2.88	9.40	V
	2507.88	-70.88	-13	-57.88	-76.83	-75.83	3.50	10.60	V
	3343.84	-69.90	-13	-56.90	-77.93	-75.72	4.63	12.60	V

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

LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.48	-72.85	-13	-59.85	-74.56	-77.22	2.88	9.40	H
	2505.72	-70.31	-13	-57.31	-76.37	-75.26	3.50	10.60	H
	3340.96	-69.69	-13	-56.69	-77.69	-75.51	4.63	12.60	H
	1670.48	-72.42	-13	-59.42	-74.26	-76.79	2.88	9.40	V
	2505.72	-70.34	-13	-57.34	-76.29	-75.29	3.50	10.60	V
	3340.96	-69.78	-13	-56.78	-77.81	-75.60	4.63	12.60	V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.68	-72.88	-13	-59.88	-74.59	-77.25	2.88	9.40	H
	2503.02	-70.39	-13	-57.39	-76.45	-75.34	3.50	10.60	H
	3337.36	-69.56	-13	-56.56	-77.56	-75.38	4.63	12.60	H
	1668.68	-72.63	-13	-59.63	-74.47	-77.00	2.88	9.40	V
	2503.02	-70.24	-13	-57.24	-76.19	-75.19	3.50	10.60	V
	3337.36	-69.77	-13	-56.77	-77.80	-75.59	4.63	12.60	V

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

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.08	-73.29	-13	-60.29	-75.00	-77.66	2.88	9.40	H
	2496.27	-70.36	-13	-57.36	-76.42	-75.31	3.50	10.60	H
	3328.36	-70.03	-13	-57.03	-78.03	-75.85	4.63	12.60	H
	1664.08	-72.49	-13	-59.49	-74.33	-76.86	2.88	9.40	V
	2496.27	-70.22	-13	-57.22	-76.17	-75.17	3.50	10.60	V
	3328.36	-69.86	-13	-56.86	-77.89	-75.68	4.63	12.60	V

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



LTE Band 12 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1413.74	-69.76	-13	-56.76	-73.16	-72.73	2.88	8.00	H
	2120.61	-69.08	-13	-56.08	-75.28	-74.08	3.25	10.40	H
	2827.48	-68.57	-13	-55.57	-77.06	-74.05	3.87	11.50	H
	1413.74	-65.57	-13	-52.57	-69.01	-68.54	2.88	8.00	V
	2120.61	-67.22	-13	-54.22	-71.61	-72.22	3.25	10.40	V
	2827.48	-69.77	-13	-56.77	-77.14	-75.25	3.87	11.50	V

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

LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412.3	-69.89	-13	-56.89	-73.29	-72.86	2.88	8.00	H
	2118.45	-69.50	-13	-56.50	-75.70	-74.50	3.25	10.40	H
	2824.6	-68.74	-13	-55.74	-77.23	-74.22	3.87	11.50	H
	1412.3	-65.17	-13	-52.17	-68.61	-68.14	2.88	8.00	V
	2118.45	-67.18	-13	-54.18	-71.57	-72.18	3.25	10.40	V
	2824.6	-69.75	-13	-56.75	-77.12	-75.23	3.87	11.50	V

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



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1410.5	-70.16	-13	-57.16	-73.56	-73.13	2.88	8.00	H
	2115.75	-69.67	-13	-56.67	-75.87	-74.67	3.25	10.40	H
	2821	-68.63	-13	-55.63	-77.12	-74.11	3.87	11.50	H
	1410.5	-65.62	-13	-52.62	-69.06	-68.59	2.88	8.00	V
	2115.75	-68.91	-13	-55.91	-73.30	-73.91	3.25	10.40	V
	2821	-69.80	-13	-56.80	-77.17	-75.28	3.87	11.50	V

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

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-70.02	-13	-57.02	-73.42	-72.99	2.88	8.00	H
	2109	-68.26	-13	-55.26	-74.46	-73.26	3.25	10.40	H
	2812	-68.66	-13	-55.66	-77.15	-74.14	3.87	11.50	H
	1406	-66.54	-13	-53.54	-69.98	-69.51	2.88	8.00	V
	2109	-66.55	-13	-53.55	-70.94	-71.55	3.25	10.40	V
	2812	-69.78	-13	-56.78	-77.15	-75.26	3.87	11.50	V

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



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-62.04	-40	-22.04	-71.48	-65.29	4.00	9.40	H
	2339.25	-62.70	-13	-49.70	-76.42	-66.27	4.88	10.60	H
	3119	-65.61	-13	-52.61	-81.37	-70.54	5.52	12.60	H
	1559.5	-59.52	-40	-19.52	-68.46	-62.77	4.00	9.40	V
	2339.25	-60.19	-13	-47.19	-73.96	-63.76	4.88	10.60	V
	3119	-65.30	-13	-52.30	-80.99	-70.23	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-67.88	-40	-27.88	-77.32	-71.13	4.00	9.40	H
	2339.25	-66.83	-13	-53.83	-80.55	-70.40	4.88	10.60	H
	3119	-65.75	-13	-52.75	-81.51	-70.68	5.52	12.60	H
	1559.5	-65.01	-40	-25.01	-73.95	-68.26	4.00	9.40	V
	2339.25	-65.71	-13	-52.71	-79.48	-69.28	4.88	10.60	V
	3119	-65.85	-13	-52.85	-81.54	-70.78	5.52	12.60	V

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



LTE Band 66 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3488.74	-53.87	-13	-40.87	-67.57	-61.91	4.66	12.70	H
	5233.11	-54.23	-13	-41.23	-72.16	-60.72	6.31	12.80	H
	6977.48	-59.15	-13	-46.15	-78.77	-63.90	8.35	13.10	H
	3488.74	-58.57	-13	-45.57	-69.98	-66.61	4.66	12.70	V
	5233.11	-55.49	-13	-42.49	-69.1	-61.98	6.31	12.80	V
	6977.48	-60.12	-13	-47.12	-79.24	-64.87	8.35	13.10	V

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

LTE Band 66 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3487.3	-54.17	-13	-41.17	-67.87	-62.21	4.66	12.70	H
	5230.95	-58.57	-13	-45.57	-76.50	-65.06	6.31	12.80	H
	6974.6	-59.95	-13	-46.95	-79.57	-64.70	8.35	13.10	H
	3487.3	-58.79	-13	-45.79	-70.2	-66.83	4.66	12.70	V
	5230.95	-58.60	-13	-45.60	-72.21	-65.09	6.31	12.80	V
	6974.6	-60.85	-13	-47.85	-79.97	-65.60	8.35	13.10	V

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



LTE Band 66 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3485.5	-55.60	-13	-42.60	-69.30	-63.64	4.66	12.70	H
	5228.25	-58.80	-13	-45.80	-76.73	-65.29	6.31	12.80	H
	6971	-59.96	-13	-46.96	-79.58	-64.71	8.35	13.10	H
	3485.5	-59.92	-13	-46.92	-71.33	-67.96	4.66	12.70	V
	5228.25	-59.35	-13	-46.35	-72.96	-65.84	6.31	12.80	V
	6971	-60.21	-13	-47.21	-79.33	-64.96	8.35	13.10	V

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

LTE Band 66 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3481	-55.54	-13	-42.54	-69.24	-63.58	4.66	12.70	H
	5221.5	-57.09	-13	-44.09	-75.02	-63.58	6.31	12.80	H
	6962	-60.19	-13	-47.19	-79.81	-64.94	8.35	13.10	H
	3481	-60.25	-13	-47.25	-71.66	-68.29	4.66	12.70	V
	5221.5	-57.94	-13	-44.94	-71.55	-64.43	6.31	12.80	V
	6962	-60.61	-13	-47.61	-79.73	-65.36	8.35	13.10	V

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



LTE Band 66 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3476.5	-56.99	-13	-43.99	-70.69	-65.03	4.66	12.70	H
	5214.75	-59.34	-13	-46.34	-77.27	-65.83	6.31	12.80	H
	6953	-60.21	-13	-47.21	-79.83	-64.96	8.35	13.10	H
	3476.5	-60.12	-13	-47.12	-71.53	-68.16	4.66	12.70	V
	5214.75	-61.46	-13	-48.46	-75.07	-67.95	6.31	12.80	V
	6953	-60.54	-13	-47.54	-79.66	-65.29	8.35	13.10	V

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

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-56.46	-13	-43.46	-70.16	-64.50	4.66	12.70	H
	5208	-55.93	-13	-42.93	-73.86	-62.42	6.31	12.80	H
	6944	-60.30	-13	-47.30	-79.92	-65.05	8.35	13.10	H
	3472	-60.21	-13	-47.21	-71.62	-68.25	4.66	12.70	V
	5208	-60.60	-13	-47.60	-74.21	-67.09	6.31	12.80	V
	6944	-60.82	-13	-47.82	-79.94	-65.57	8.35	13.10	V

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



LTE Band 71 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1356.5	-64.21	-13	-51.21	-73.39	-67.44	3.98	9.36	H
	2034.75	-67.36	-13	-54.36	-79.15	-70.91	4.85	10.55	H
	2713	-66.59	-13	-53.59	-80.13	-71.52	5.50	12.58	H
	1356.5	-61.61	-13	-48.61	-70.64	-64.84	3.98	9.36	V
	2034.75	-64.65	-13	-51.65	-76.42	-68.20	4.85	10.55	V
	2713	-66.31	-13	-53.31	-80.26	-71.24	5.50	12.58	V

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

LTE Band 71 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1352	-63.06	-13	-50.06	-72.24	-66.29	3.98	9.36	H
	2028	-64.88	-13	-51.88	-76.42	-68.43	4.85	10.55	H
	2704	-66.48	-13	-53.48	-79.99	-71.41	5.50	12.58	H
	1352	-61.90	-13	-48.90	-70.93	-65.13	3.98	9.36	V
	2028	-62.38	-13	-49.38	-73.91	-65.93	4.85	10.55	V
	2704	-66.15	-13	-53.15	-80.00	-71.08	5.50	12.58	V

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



LTE Band 71 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1347.5	-63.36	-13	-50.36	-72.50	-66.59	3.98	9.36	H
	2021.25	-66.52	-13	-53.52	-78.06	-70.07	4.85	10.55	H
	2695	-66.66	-13	-53.66	-80.16	-71.59	5.50	12.58	H
	1347.5	-62.30	-13	-49.30	-71.25	-65.53	3.98	9.36	V
	2021.25	-64.67	-13	-51.67	-76.20	-68.22	4.85	10.55	V
	2695	-66.25	-13	-53.25	-80.09	-71.18	5.50	12.58	V

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

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1343	-63.28	-13	-50.28	-72.35	-66.51	3.98	9.36	H
	2014.5	-67.55	-13	-54.55	-79.09	-71.10	4.85	10.55	H
	2686	-66.66	-13	-53.66	-80.13	-71.59	5.50	12.58	H
	1343	-60.93	-13	-47.93	-69.81	-64.16	3.98	9.36	V
	2014.5	-63.99	-13	-50.99	-75.52	-67.54	4.85	10.55	V
	2686	-66.49	-13	-53.49	-80.24	-71.42	5.50	12.58	V

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