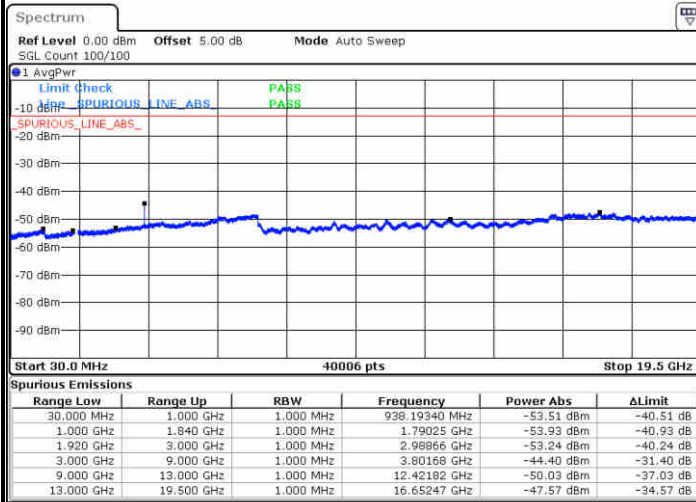




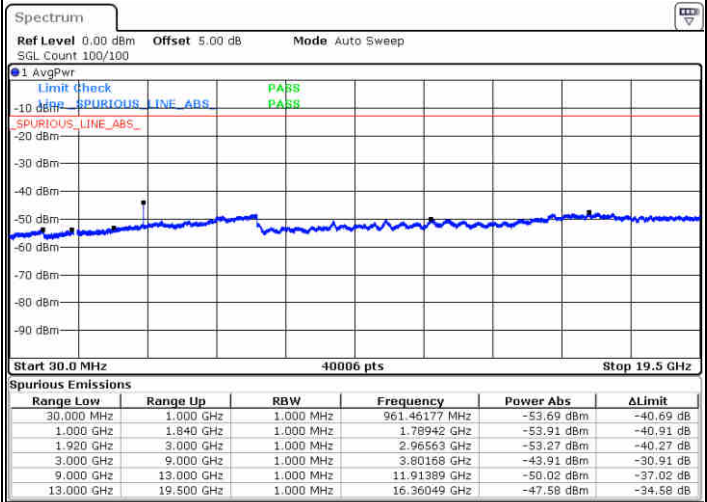
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 19 JUN 2017 20:41:36

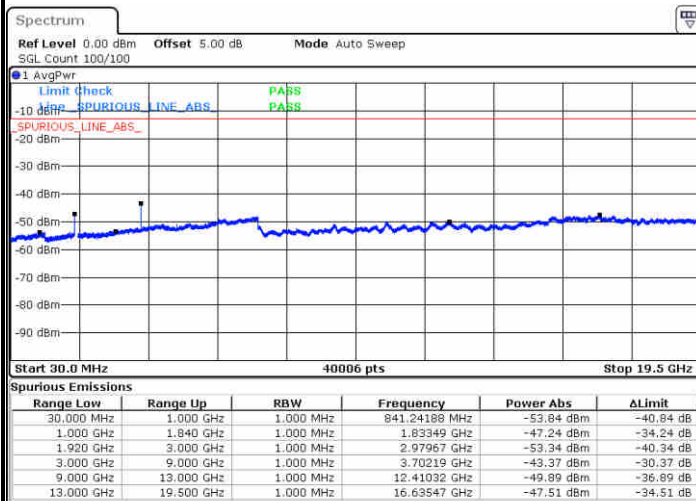
Highest Channel / 16QAM



Date: 19 JUN 2017 20:42:19

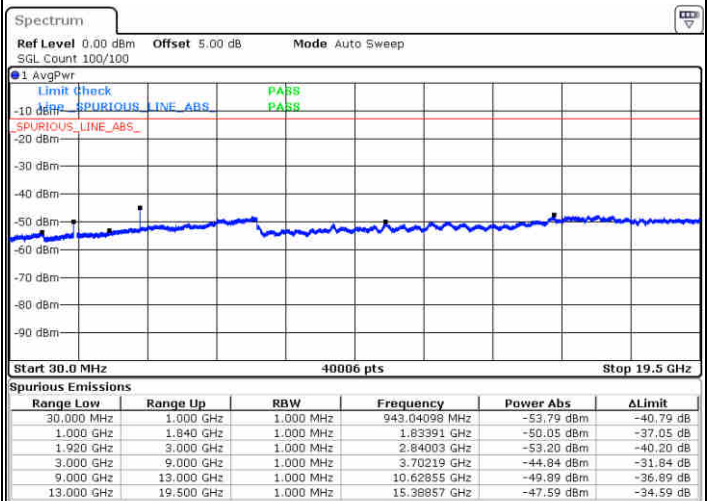
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 19 JUN 2017 20:56:31

Lowest Channel / 16QAM

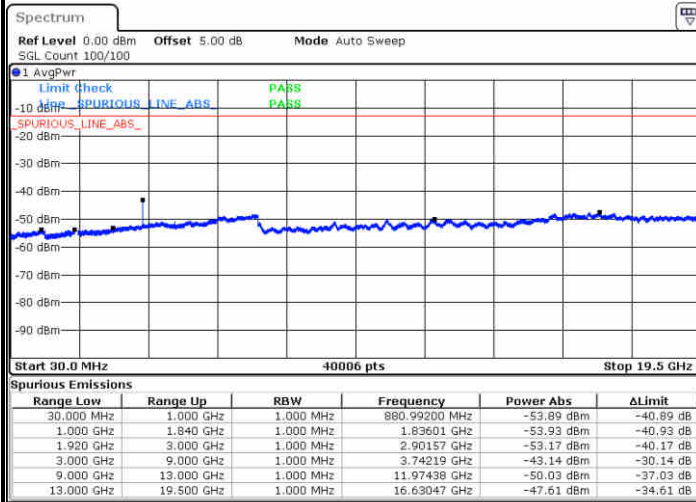


Date: 19 JUN 2017 20:58:14



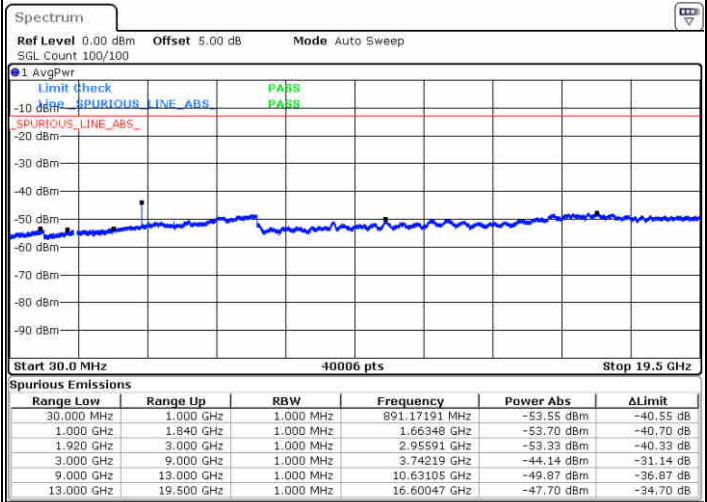
LTE Band 25 / 20MHz

Middle Channel / QPSK



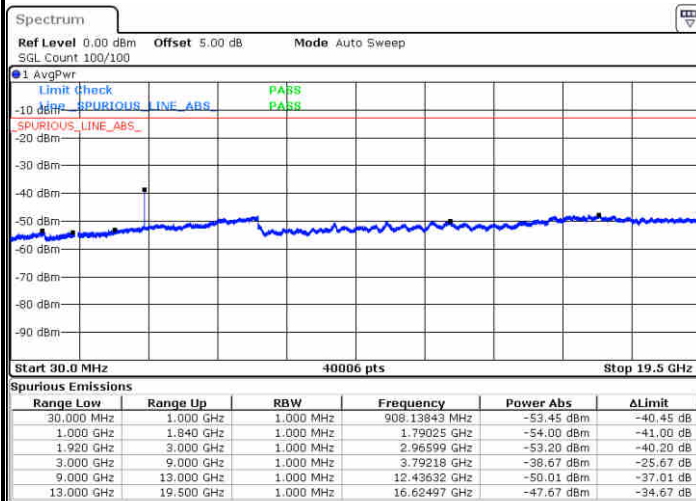
Date: 19 JUN 2017 20:59:37

Middle Channel / 16QAM



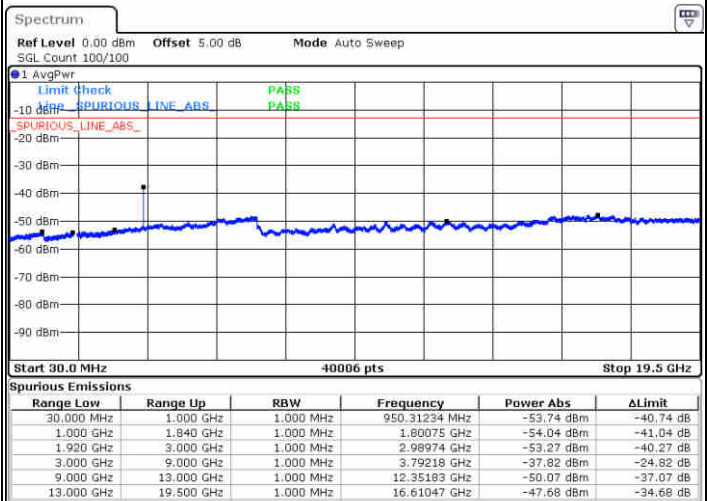
Date: 19 JUN 2017 20:58:56

Highest Channel / QPSK



Date: 19 JUN 2017 21:00:25

Highest Channel / 16QAM

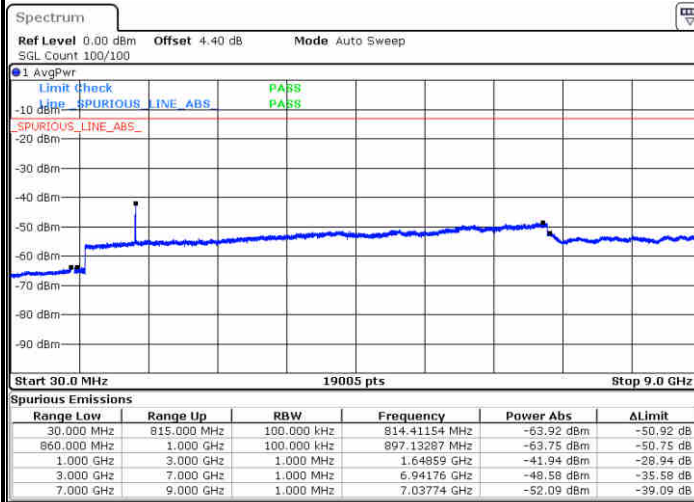


Date: 19 JUN 2017 21:01:08



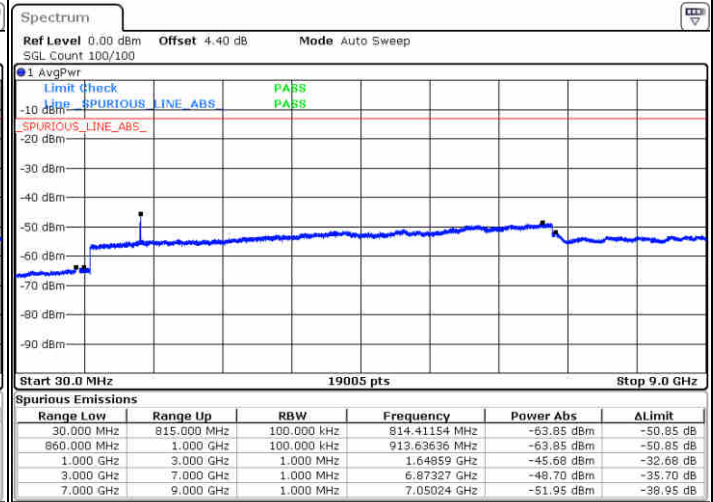
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



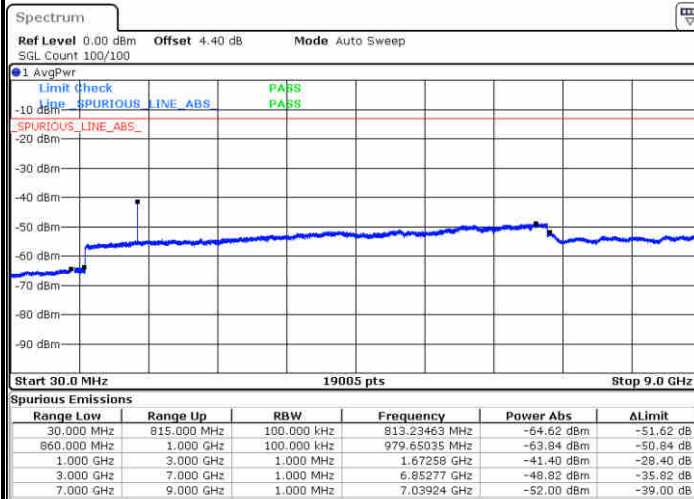
Date: 22 JUN 2017 19:49:20

Lowest Channel / 16QAM



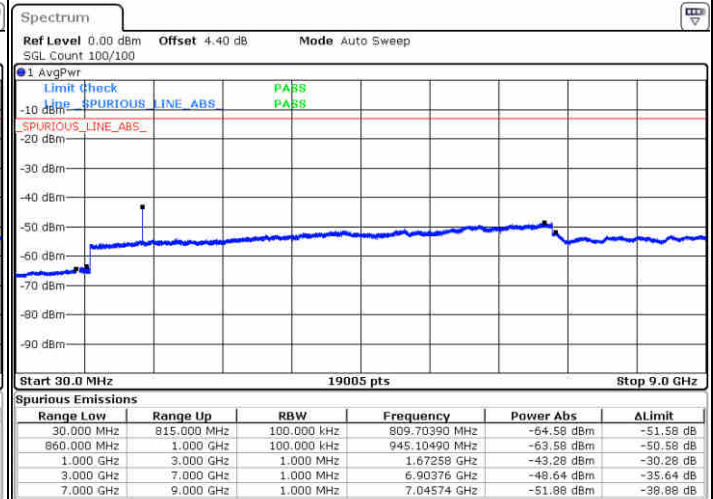
Date: 22 JUN 2017 19:51:03

Middle Channel / QPSK



Date: 22 JUN 2017 19:52:20

Middle Channel / 16QAM

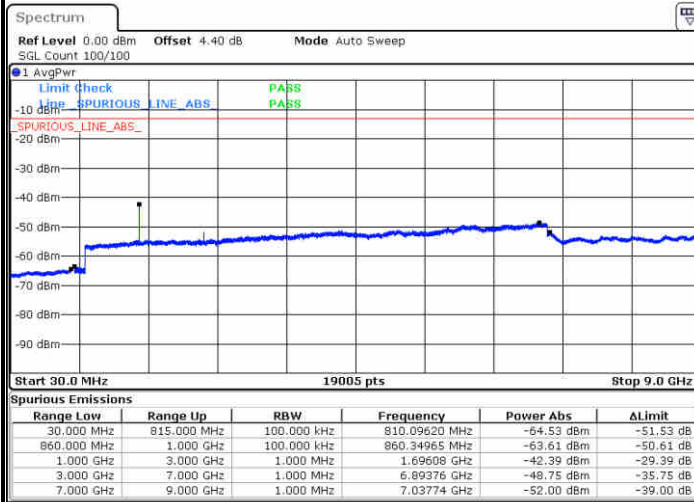


Date: 22 JUN 2017 19:51:29



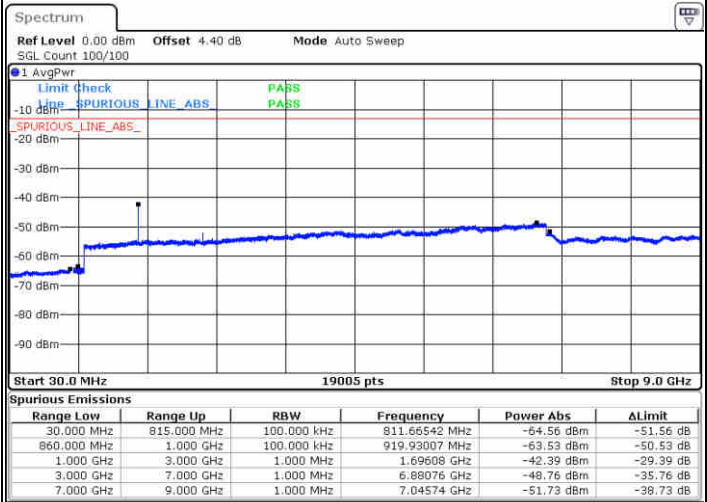
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 22 JUN 2017 19:52:54

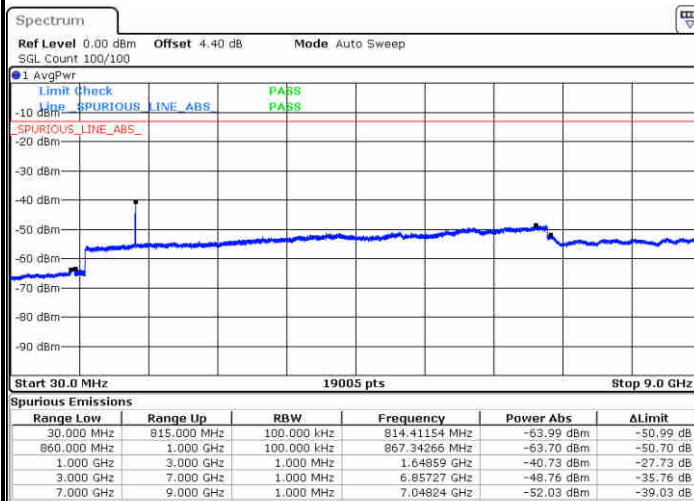
Highest Channel / 16QAM



Date: 22 JUN 2017 19:53:19

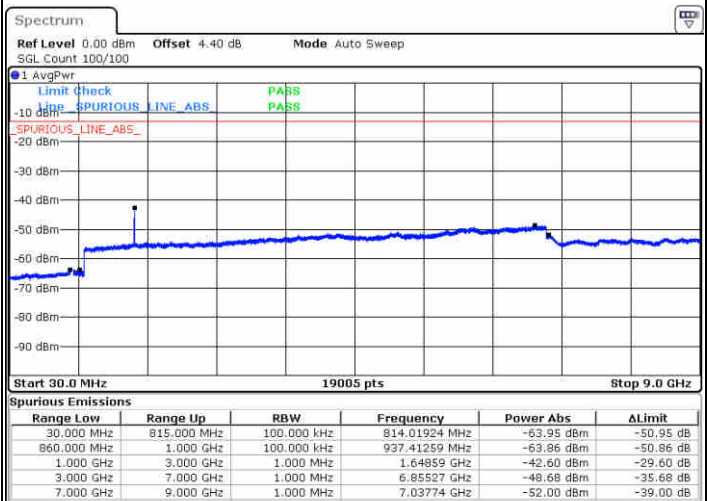
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 22 JUN 2017 19:54:24

Lowest Channel / 16QAM

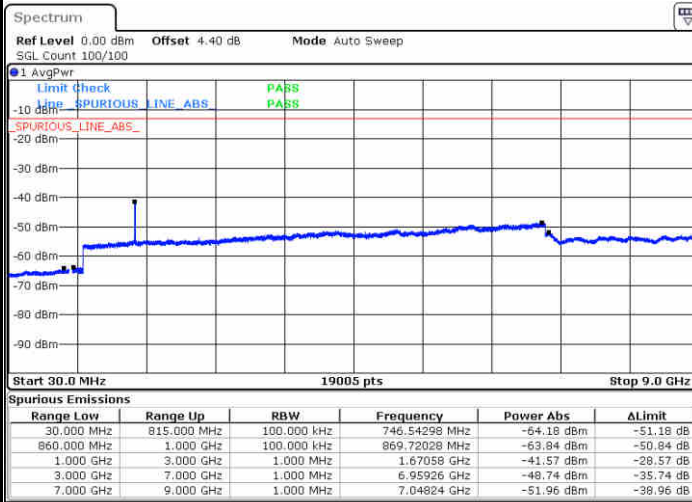


Date: 22 JUN 2017 19:53:58



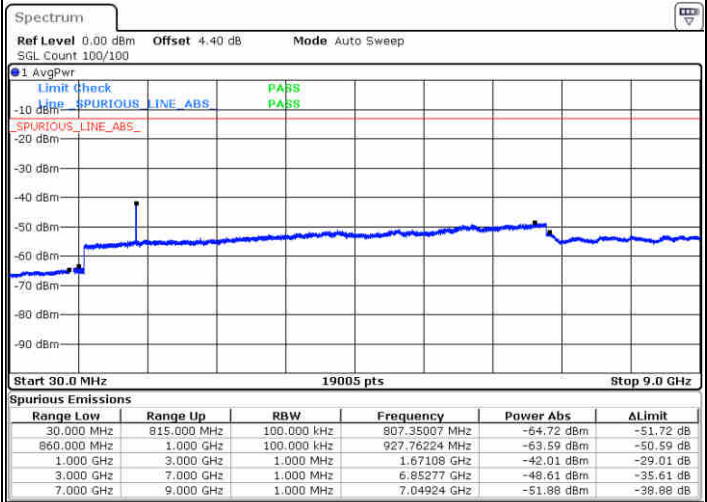
LTE Band 26 / 3MHz

Middle Channel / QPSK



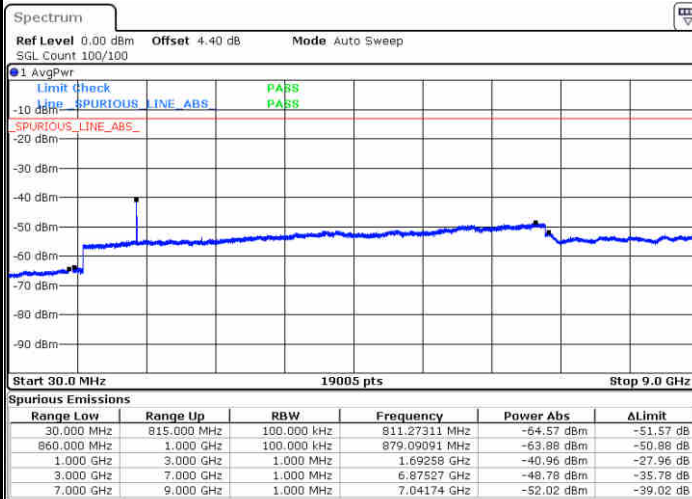
Date: 22 JUN 2017 19:54:52

Middle Channel / 16QAM



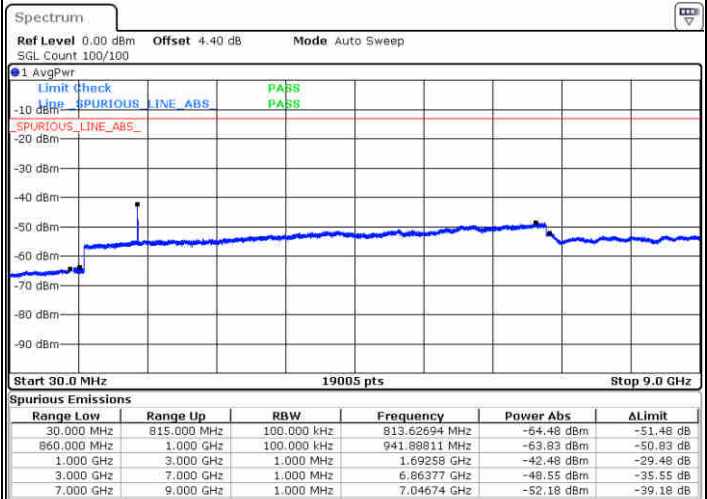
Date: 22 JUN 2017 19:55:21

Highest Channel / QPSK



Date: 22 JUN 2017 19:56:13

Highest Channel / 16QAM

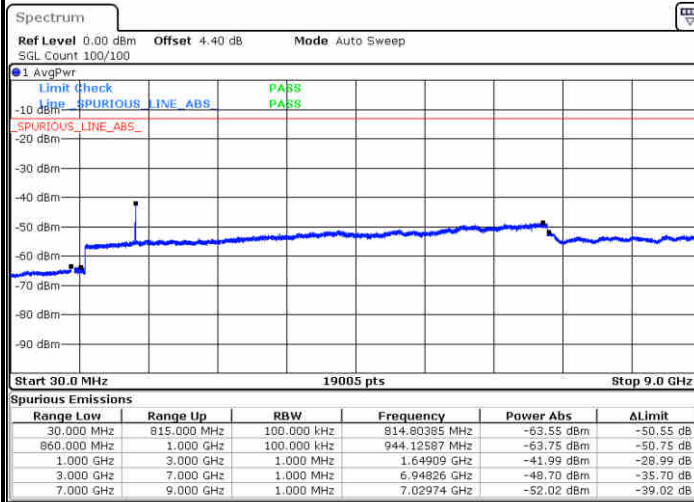


Date: 22 JUN 2017 19:55:48



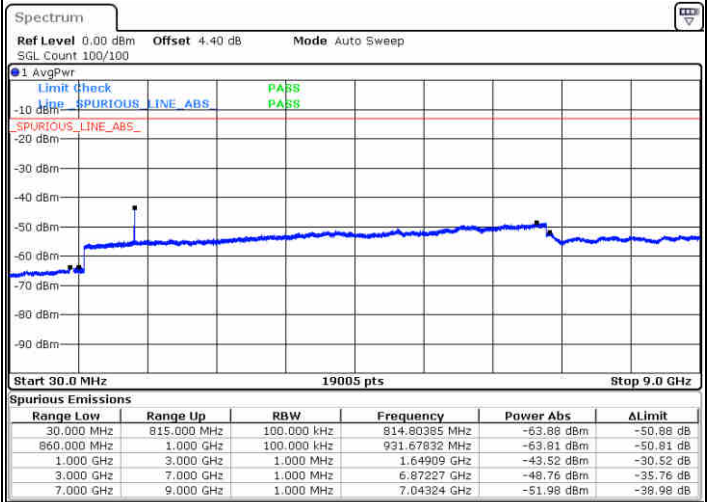
LTE Band 26 / 5MHz

Lowest Channel / QPSK



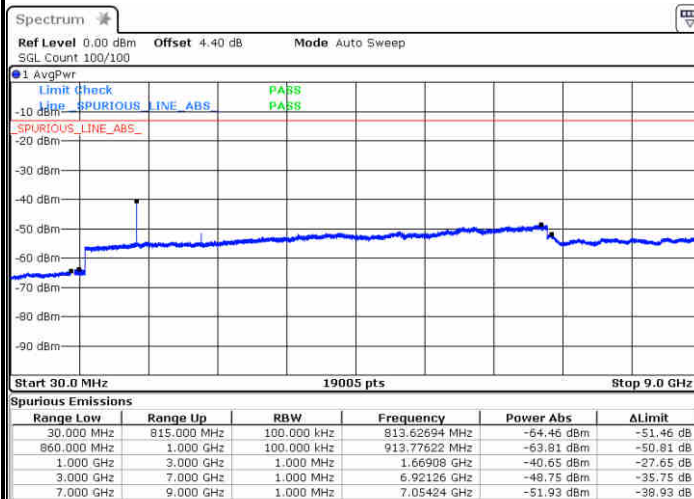
Date: 22 JUN 2017 20:26:53

Lowest Channel / 16QAM



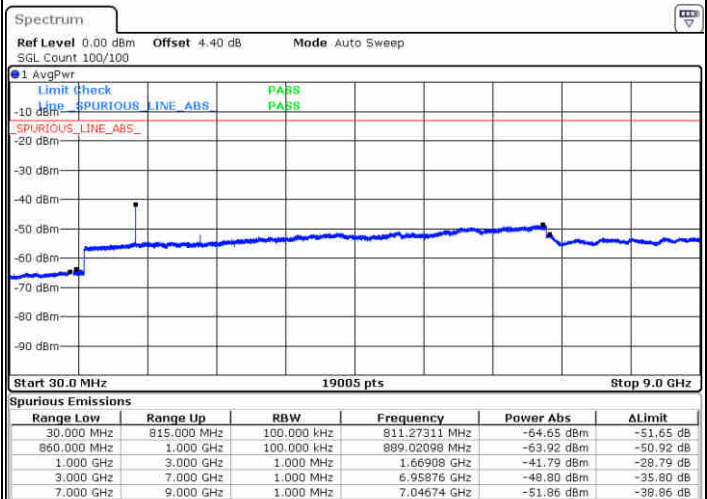
Date: 22 JUN 2017 20:26:25

Middle Channel / QPSK



Date: 22 JUN 2017 20:27:58

Middle Channel / 16QAM

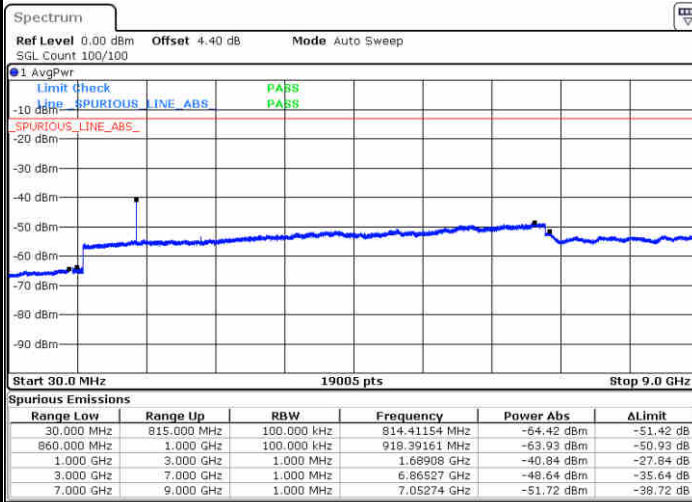


Date: 22 JUN 2017 20:28:45



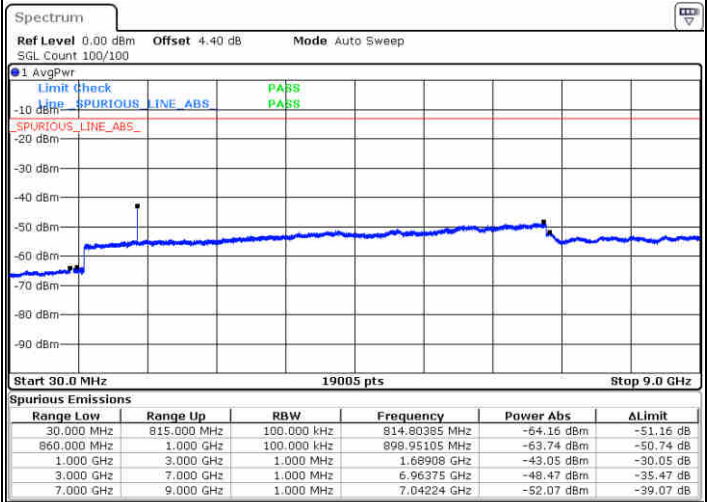
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 22 JUN 2017 20:29:58

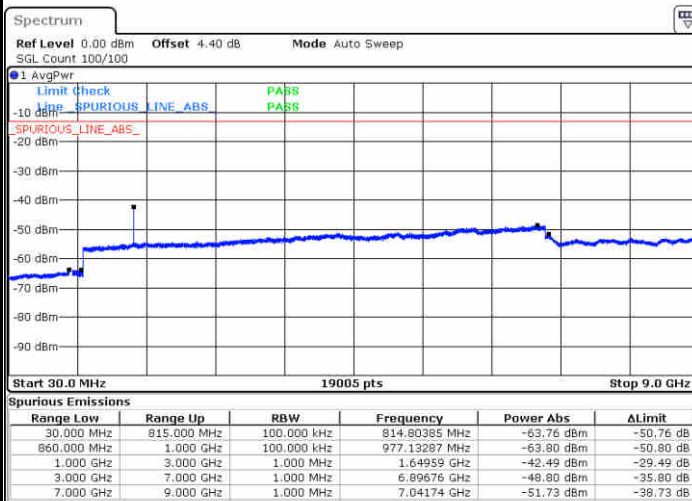
Highest Channel / 16QAM



Date: 22 JUN 2017 20:29:29

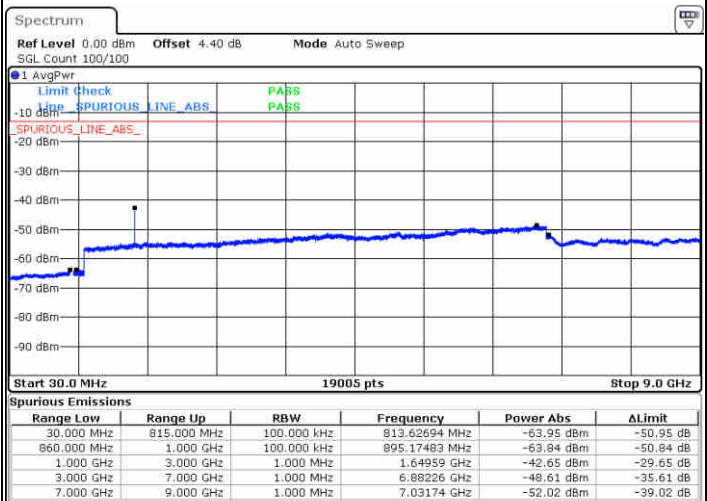
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 22 JUN 2017 20:38:46

Lowest Channel / 16QAM

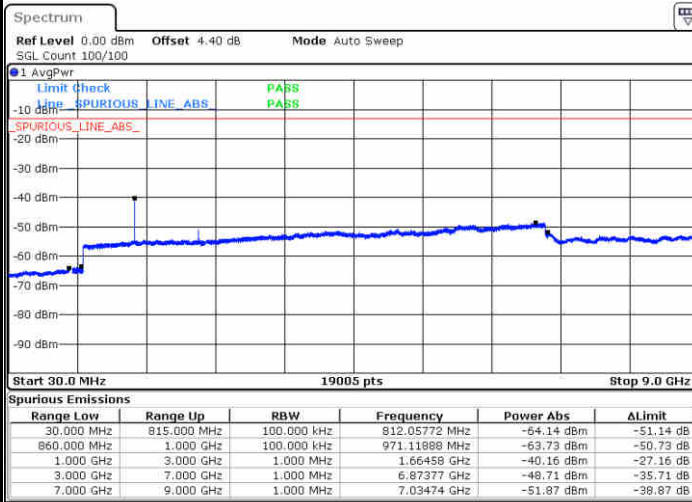


Date: 22 JUN 2017 20:37:35



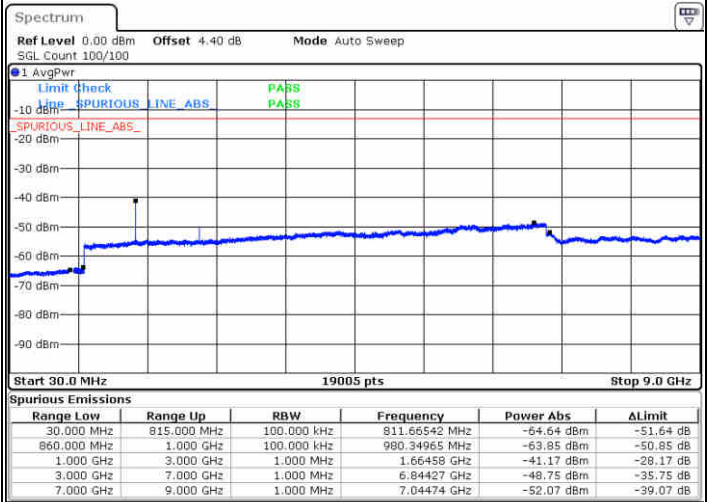
LTE Band 26 / 10MHz

Middle Channel / QPSK



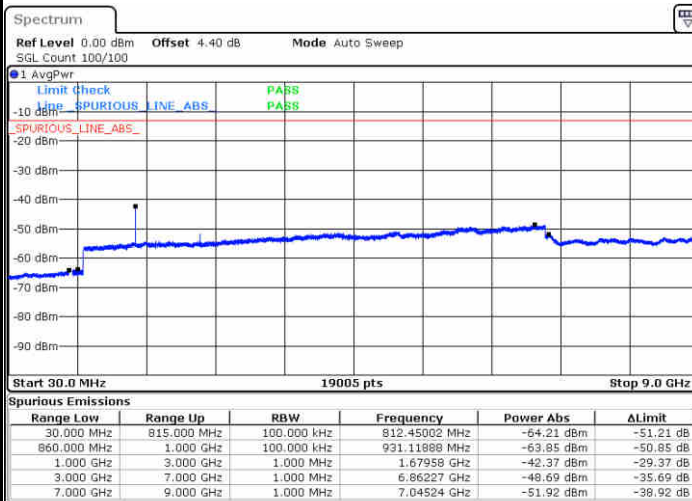
Date: 22 JUN 2017 20:39:22

Middle Channel / 16QAM



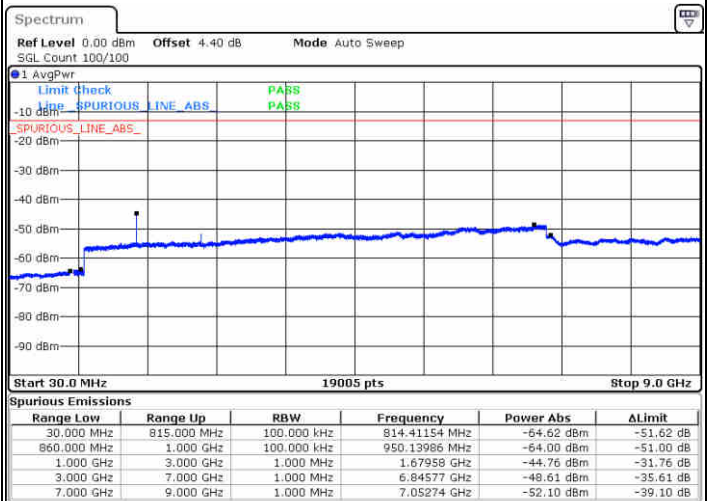
Date: 22 JUN 2017 20:39:48

Highest Channel / QPSK



Date: 22 JUN 2017 20:41:49

Highest Channel / 16QAM

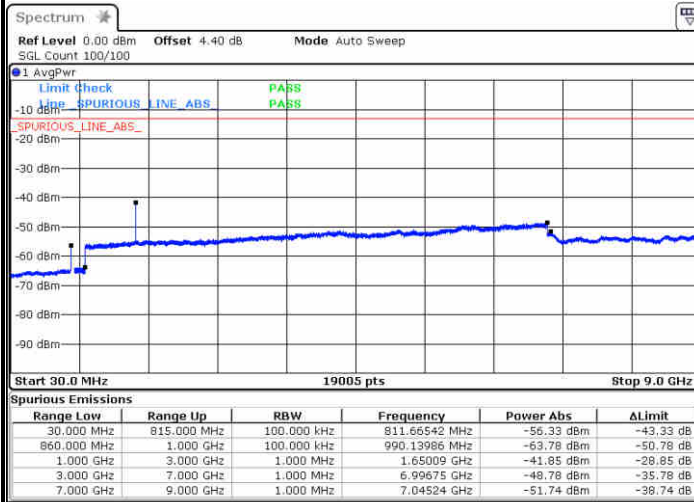


Date: 22 JUN 2017 20:41:14



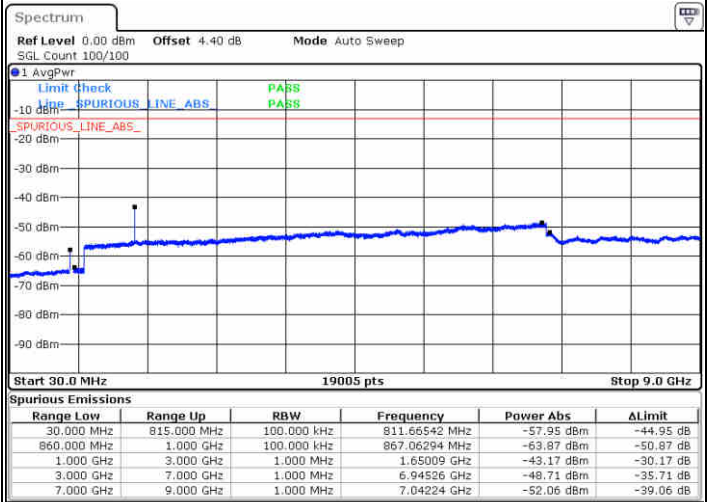
LTE Band 26 / 15MHz

Lowest Channel / QPSK



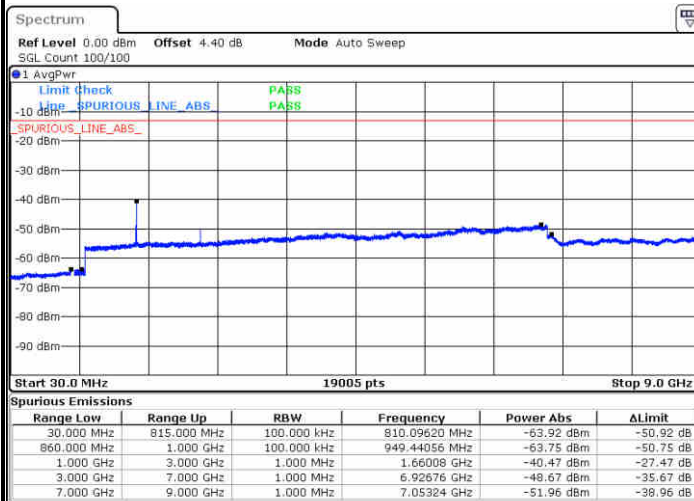
Date: 22 JUN 2017 20:58:20

Lowest Channel / 16QAM



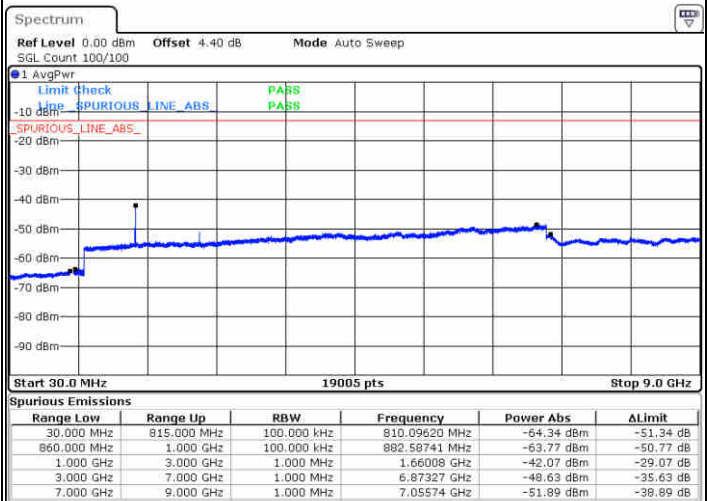
Date: 22 JUN 2017 20:59:33

Middle Channel / QPSK



Date: 22 JUN 2017 21:00:02

Middle Channel / 16QAM

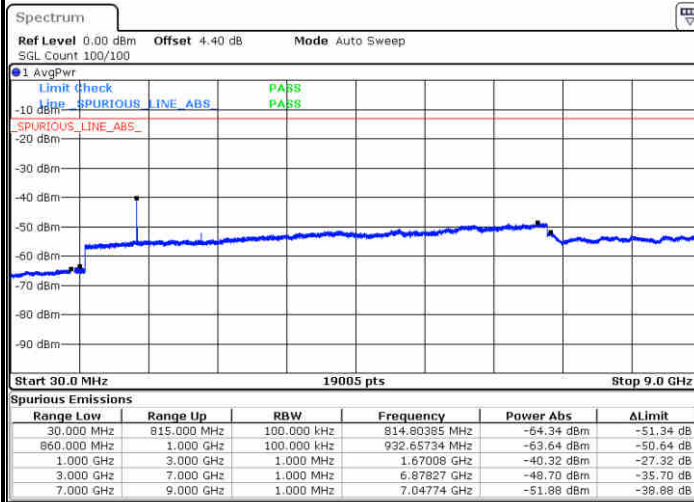


Date: 22 JUN 2017 21:00:31



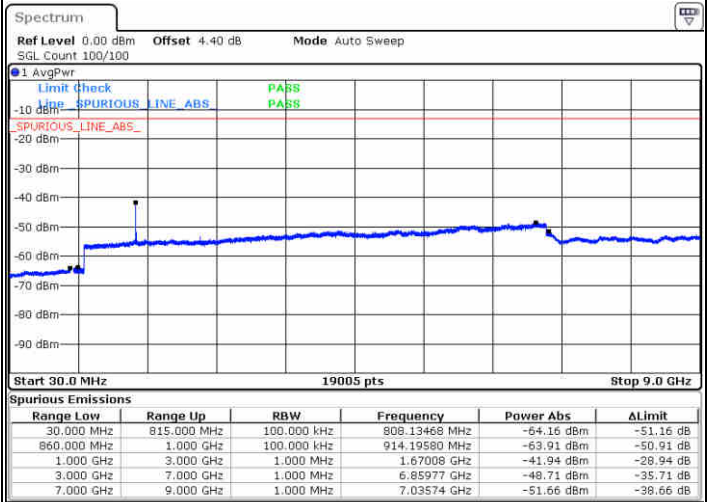
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 22 JUN 2017 21:01:02

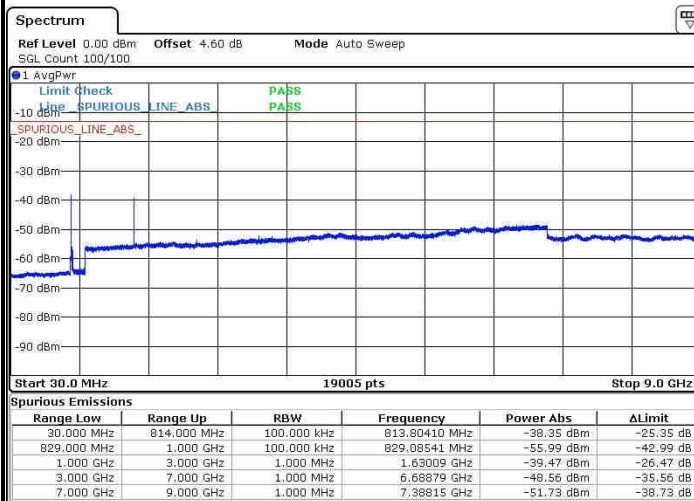
Highest Channel / 16QAM



Date: 22 JUN 2017 21:01:32

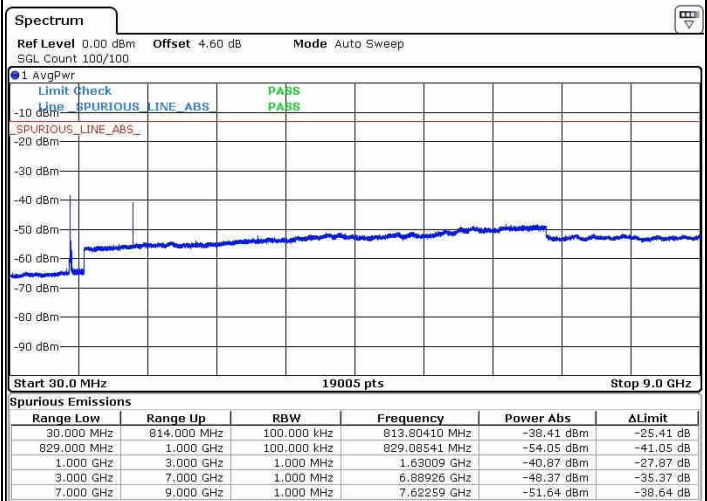
LTE Band 26 / 15MHz

CH26765 / QPSK



Date: 2 JUL 2017 06:51:41

CH26765 / 16QAM

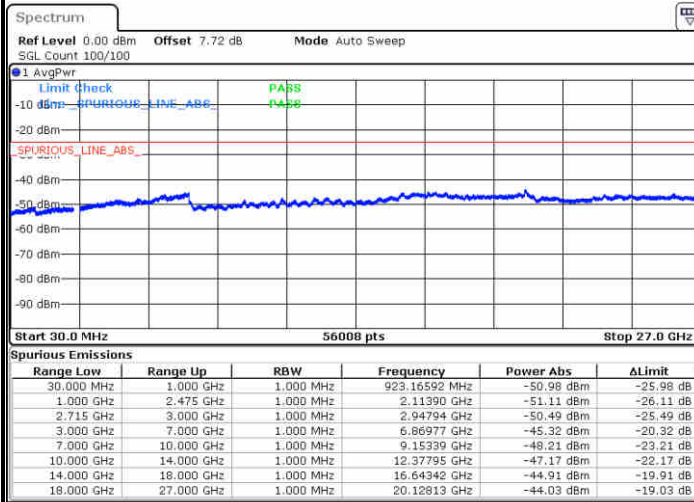


Date: 2 JUL 2017 06:51:11



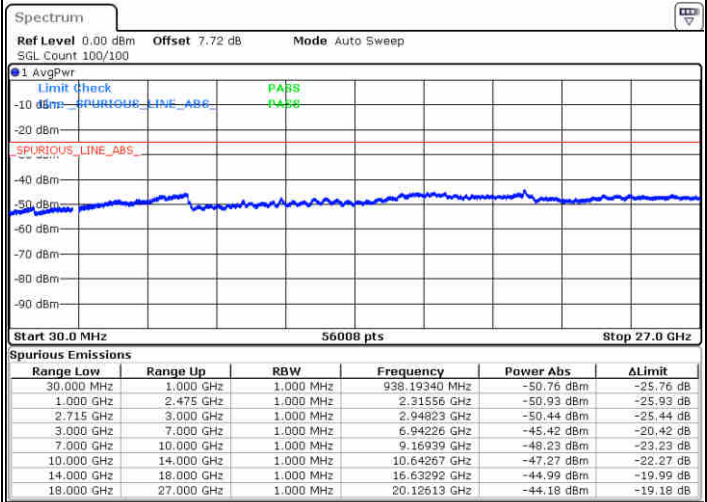
LTE Band 41 / 5MHz

Lowest Channel / QPSK



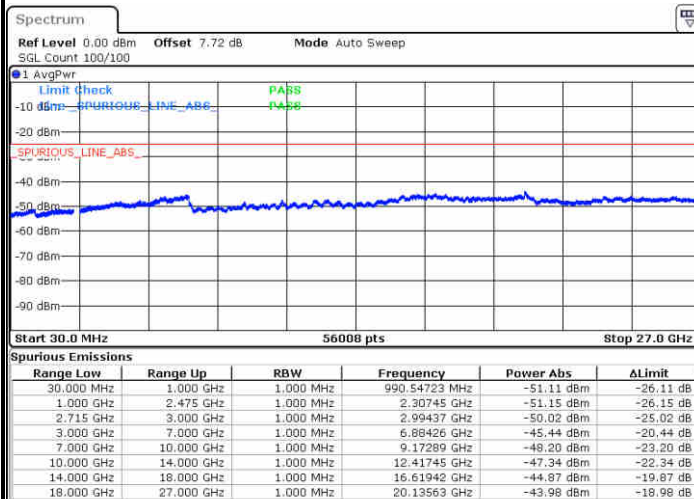
Date: 23 JUN 2017 16:29:35

Lowest Channel / 16QAM



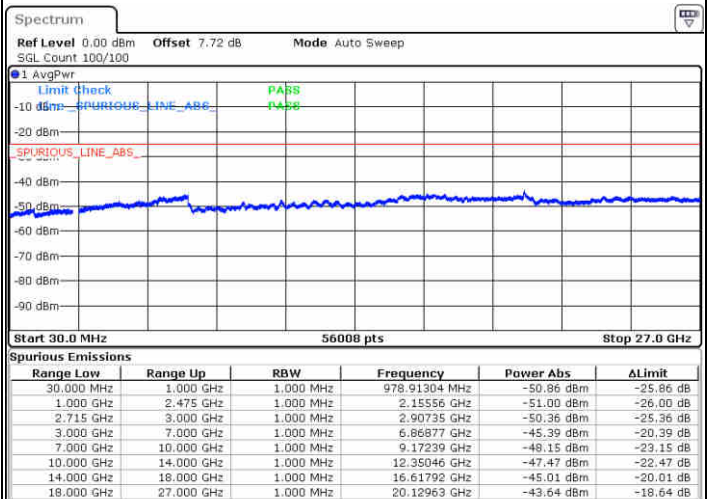
Date: 23 JUN 2017 16:28:45

Middle Channel / QPSK



Date: 23 JUN 2017 16:30:24

Middle Channel / 16QAM

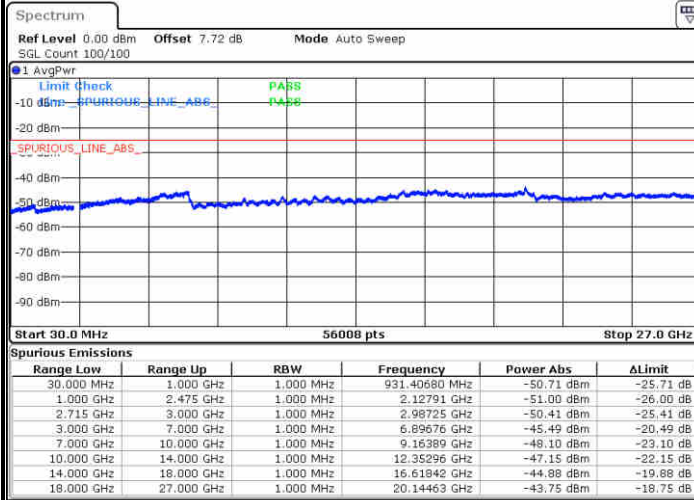


Date: 23 JUN 2017 16:31:13



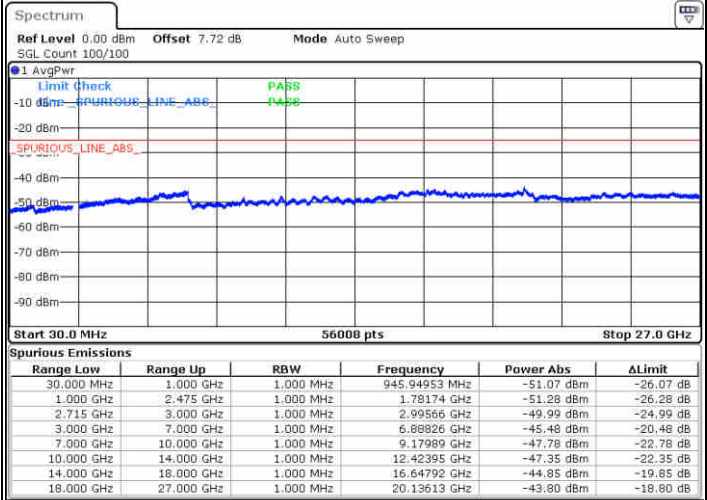
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 23 JUN 2017 16:32:52

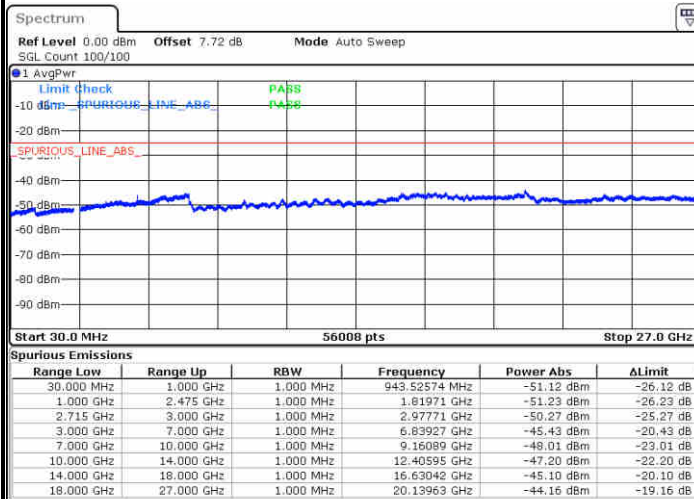
Highest Channel / 16QAM



Date: 23 JUN 2017 16:32:01

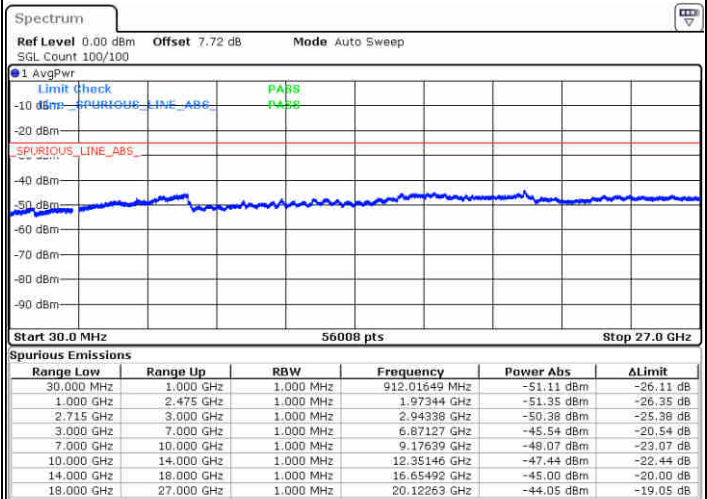
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 23 JUN 2017 16:33:42

Lowest Channel / 16QAM

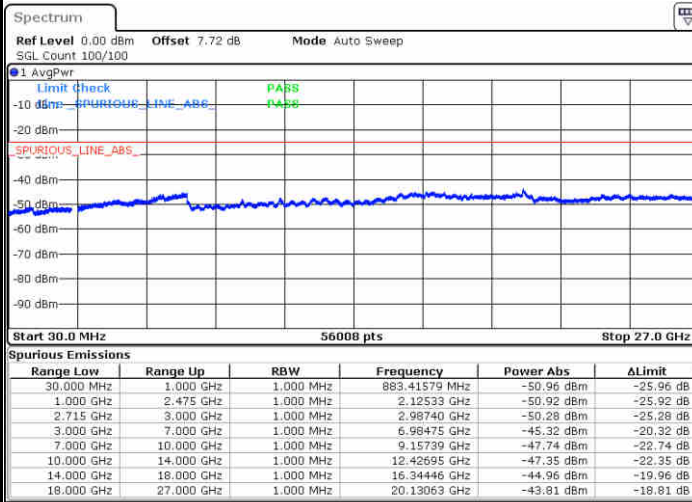


Date: 23 JUN 2017 16:34:31



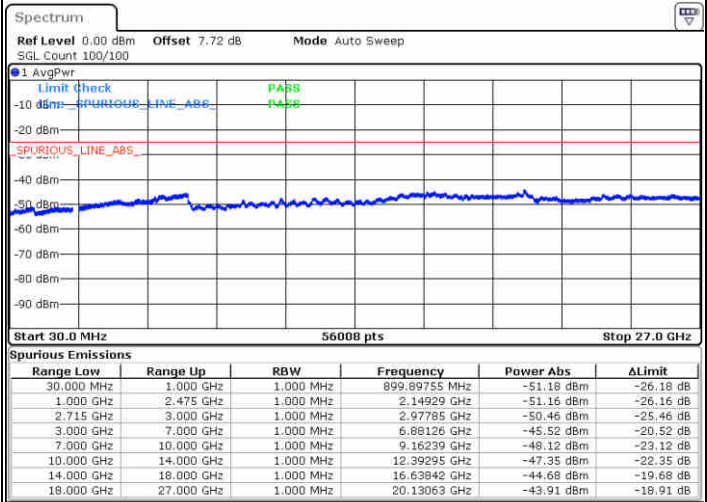
LTE Band 41 / 10MHz

Middle Channel / QPSK



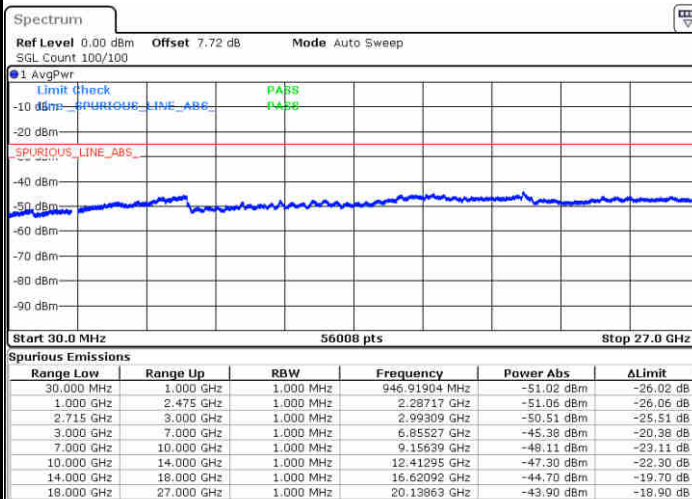
Date: 23 JUN 2017 16:37:49

Middle Channel / 16QAM



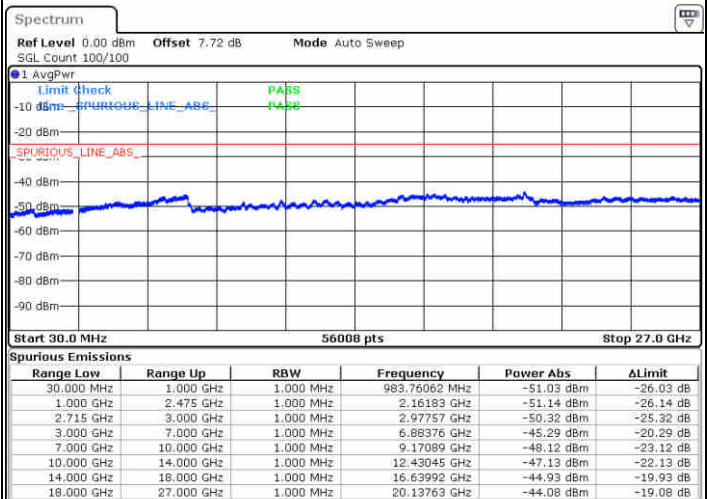
Date: 23 JUN 2017 16:35:21

Highest Channel / QPSK



Date: 23 JUN 2017 16:37:00

Highest Channel / 16QAM

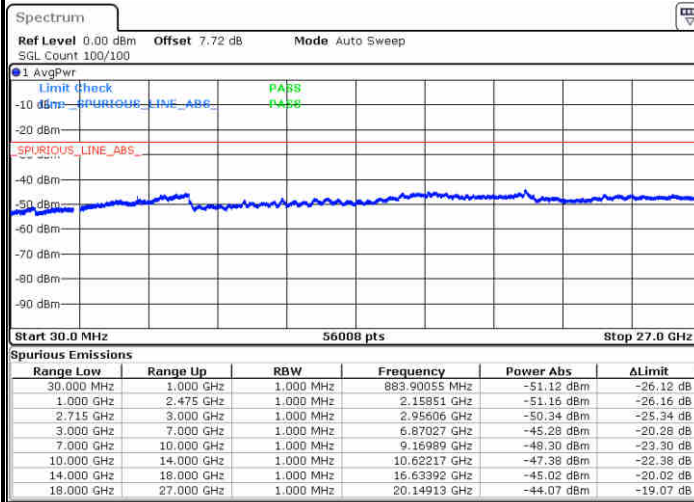


Date: 23 JUN 2017 16:36:12



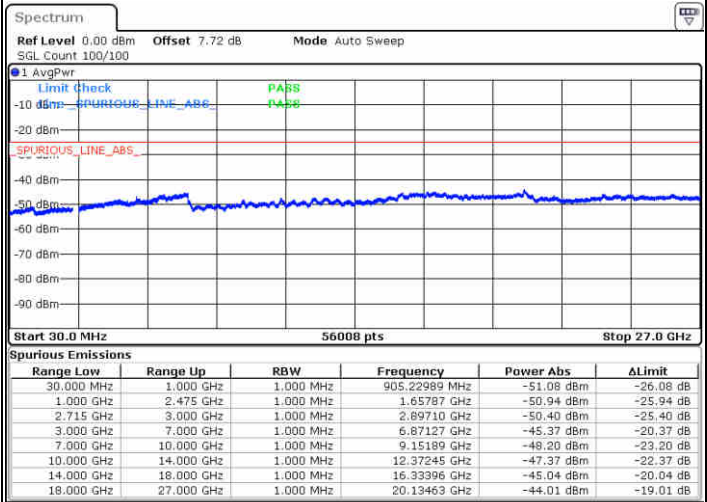
LTE Band 41 / 15MHz

Lowest Channel / QPSK



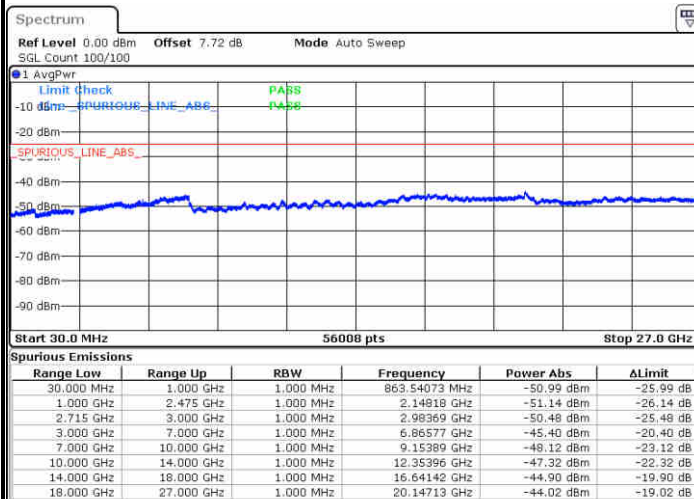
Date: 23 JUN 2017 16:38:40

Lowest Channel / 16QAM



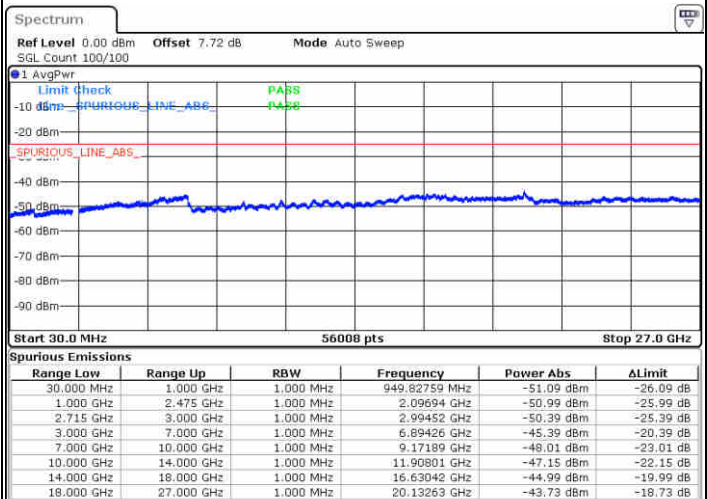
Date: 23 JUN 2017 16:39:30

Middle Channel / QPSK



Date: 23 JUN 2017 16:41:08

Middle Channel / 16QAM

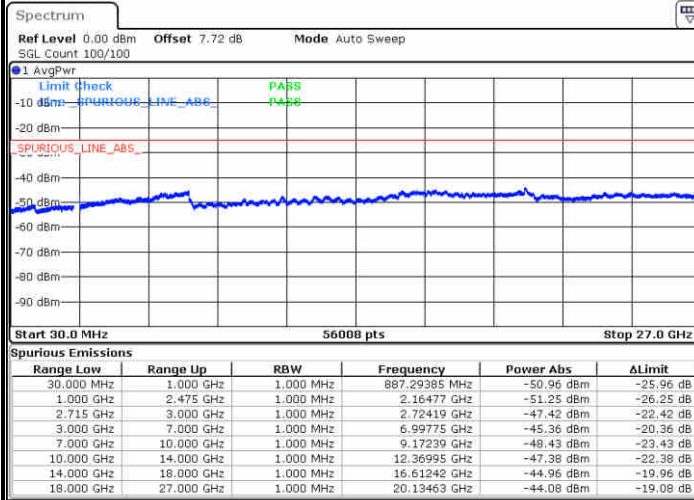


Date: 23 JUN 2017 16:40:19



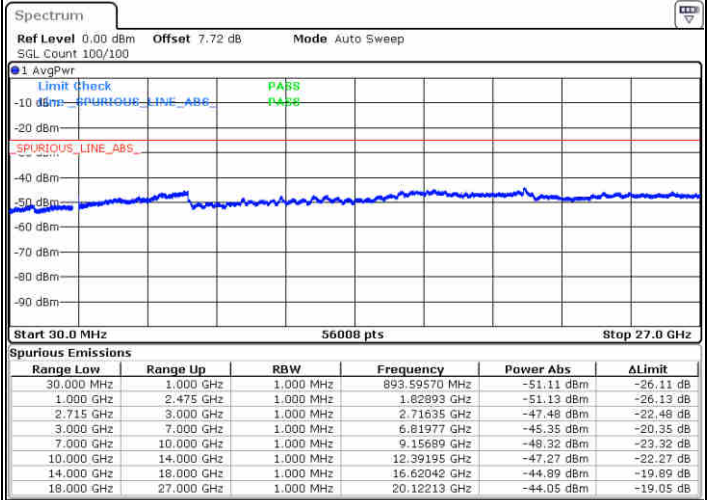
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 23 JUN 2017 16:42:04

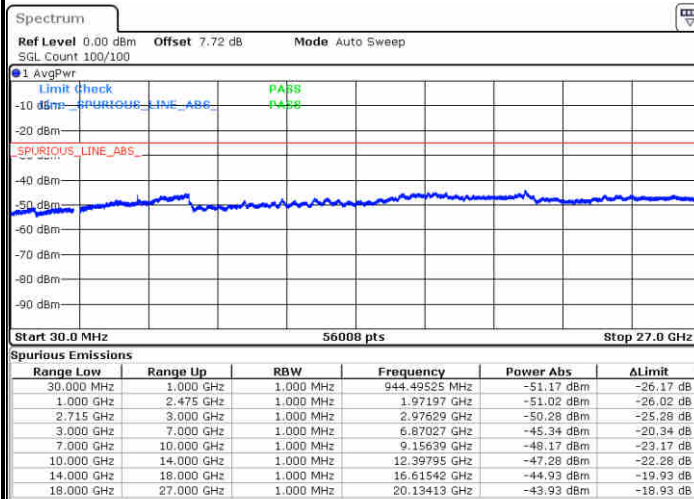
Highest Channel / 16QAM



Date: 23 JUN 2017 16:42:55

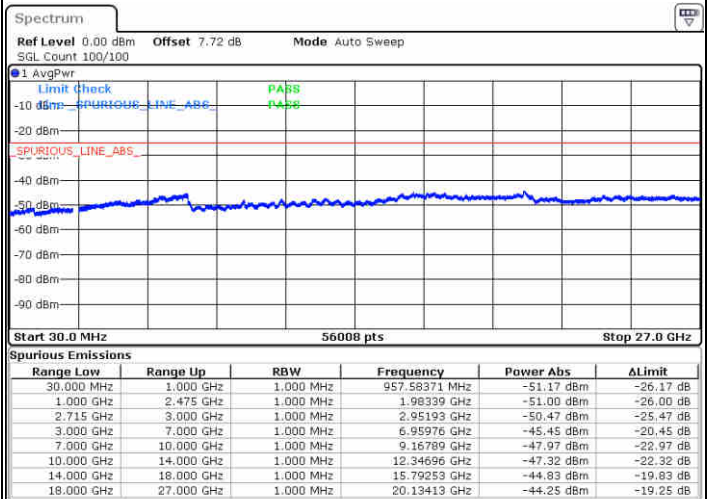
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 23 JUN 2017 16:44:43

Lowest Channel / 16QAM

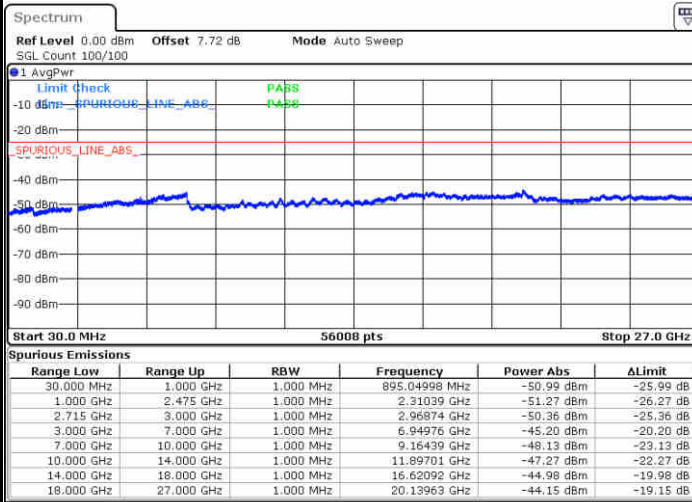


Date: 23 JUN 2017 16:43:49



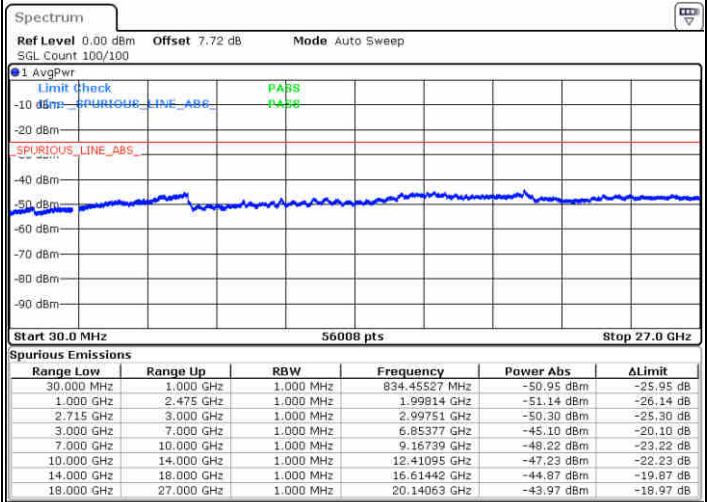
LTE Band 41 / 20MHz

Middle Channel / QPSK



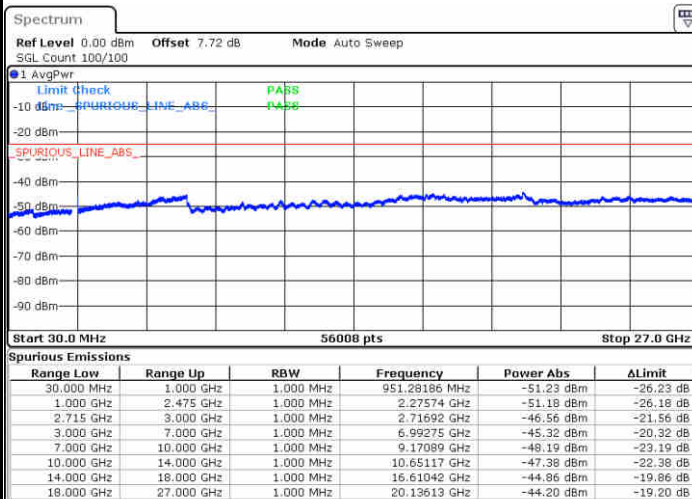
Date: 23 JUN 2017 16:45:33

Middle Channel / 16QAM



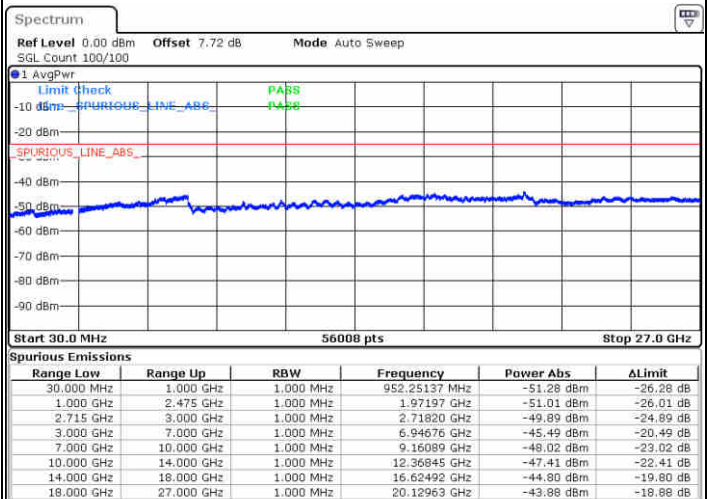
Date: 23 JUN 2017 16:46:24

Highest Channel / QPSK



Date: 23 JUN 2017 16:48:03

Highest Channel / 16QAM



Date: 23 JUN 2017 16:47:13

**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	0.0009	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0012	

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.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0025	

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.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0041	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0044	

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.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0037	
20	Battery End Point	0.0011	

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.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0041	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0052	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0036	

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.



Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0004	

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.



Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0098	PASS
40	Normal Voltage	0.0087	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0077	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0080	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0010	
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 Radiated Test

Radiated Spurious Emission

LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-64.40	-13	-51.40	-71.19	-69.29	1.81	6.70	H
	5196	-59.30	-13	-46.30	-71.98	-66.20	2.23	9.13	H
	6927	-58.80	-13	-45.80	-73.98	-66.86	2.60	10.66	H
	3465	-65.24	-13	-52.24	-70.44	-70.13	1.81	6.70	V
	5196	-59.06	-13	-46.06	-72.61	-65.96	2.23	9.13	V
	6927	-58.83	-13	-45.83	-73.88	-66.89	2.6	10.66	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-63.24	-13	-50.24	-70.03	-68.13	1.81	6.70	H
	5194	-59.75	-13	-46.75	-72.43	-66.65	2.23	9.13	H
	6924	-59.14	-13	-46.14	-74.32	-67.20	2.60	10.66	H
	3462	-65.42	-13	-52.42	-70.62	-70.31	1.81	6.70	V
	5194	-58.83	-13	-45.83	-72.38	-65.73	2.23	9.13	V
	6924	-57.88	-13	-44.88	-72.93	-65.94	2.6	10.66	V

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

LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462	-63.92	-13	-50.92	-70.71	-68.81	1.81	6.70	H
	5191	-59.67	-13	-46.67	-72.35	-66.57	2.23	9.13	H
	6921	-58.45	-13	-45.45	-73.63	-66.51	2.60	10.66	H
	3462	-65.99	-13	-52.99	-71.19	-70.88	1.81	6.70	V
	5191	-58.03	-13	-45.03	-71.58	-64.93	2.23	9.13	V
	6921	-58.46	-13	-45.46	-73.51	-66.52	2.6	10.66	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456	-62.44	-13	-49.44	-69.23	-67.33	1.81	6.70	H
	5184	-59.68	-13	-46.68	-72.36	-66.58	2.23	9.13	H
	6912	-59.29	-13	-46.29	-74.47	-67.35	2.60	10.66	H
	3456	-65.41	-13	-52.41	-70.61	-70.30	1.81	6.70	V
	5184	-58.30	-13	-45.30	-71.85	-65.20	2.23	9.13	V
	6912	-58.47	-13	-45.47	-73.52	-66.53	2.6	10.66	V

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

LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3453	-64.01	-13	-51.01	-70.80	-68.90	1.81	6.70	H
	5177	-59.53	-13	-46.53	-72.21	-66.43	2.23	9.13	H
	6903	-59.00	-13	-46.00	-74.18	-67.06	2.60	10.66	H
	3453	-66.12	-13	-53.12	-71.32	-71.01	1.81	6.70	V
	5177	-59.06	-13	-46.06	-72.61	-65.96	2.23	9.13	V
	6903	-59.22	-13	-46.22	-74.27	-67.28	2.6	10.66	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-62.84	-13	-49.84	-69.63	-67.73	1.81	6.70	H
	5171	-59.48	-13	-46.48	-72.16	-66.38	2.23	9.13	H
	6894	-58.06	-13	-45.06	-73.24	-66.12	2.60	10.66	H
	3447	-65.71	-13	-52.71	-70.91	-70.60	1.81	6.70	V
	5171	-58.69	-13	-45.69	-72.24	-65.59	2.23	9.13	V
	6894	-59.11	-13	-46.11	-74.16	-67.17	2.6	10.66	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1414	-68.41	-13	-55.41	-64.25	-69.31	1.14	4.19	H
	2120	-61.49	-13	-48.49	-60.95	-62.95	1.4	5.01	H
	2828	-67.31	-13	-54.31	-67.95	-69.84	1.63	6.31	H
	1414	-70.38	-13	-57.38	-65.25	-71.28	1.14	4.19	V
	2120	-61.97	-13	-48.97	-60.09	-63.43	1.4	5.01	V
	2828	-65.65	-13	-52.65	-67.77	-68.18	1.63	6.31	V

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

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412	-68.81	-13	-55.81	-64.65	-69.71	1.14	4.19	H
	2118	-62.40	-13	-49.40	-61.86	-63.86	1.4	5.01	H
	2824	-66.59	-13	-53.59	-67.23	-69.12	1.63	6.31	H
	1412	-68.95	-13	-55.95	-63.82	-69.85	1.14	4.19	V
	2118	-60.88	-13	-47.88	-59	-62.34	1.4	5.01	V
	2824	-65.70	-13	-52.70	-67.82	-68.23	1.63	6.31	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1410	-68.53	-13	-55.53	-64.37	-69.43	1.14	4.19	H
	2116	-63.32	-13	-50.32	-62.78	-64.78	1.4	5.01	H
	2822	-66.51	-13	-53.51	-67.15	-69.04	1.63	6.31	H
	1410	-69.60	-13	-56.60	-64.47	-70.50	1.14	4.19	V
	2116	-61.41	-13	-48.41	-59.53	-62.87	1.4	5.01	V
	2822	-65.37	-13	-52.37	-67.49	-67.90	1.63	6.31	V

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

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-68.60	-13	-55.60	-64.44	-69.50	1.14	4.19	H
	2108	-66.62	-13	-53.62	-66.08	-68.08	1.4	5.01	H
	2812	-67.22	-13	-54.22	-67.86	-69.75	1.63	6.31	H
	1406	-69.25	-13	-56.25	-64.12	-70.15	1.14	4.19	V
	2108	-67.08	-13	-54.08	-65.2	-68.54	1.4	5.01	V
	2812	-66.10	-13	-53.10	-68.22	-68.63	1.63	6.31	V

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



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-64.63	-40	-24.63	-60.47	-67.68	1.14	4.19	H
	2338	-62.16	-13	-49.16	-61.62	-63.62	1.4	5.01	H
	3120	-70.17	-13	-57.17	-70.81	-72.70	1.63	6.31	H
	1560	-66.31	-40	-26.31	-61.18	-69.36	1.14	4.19	V
	2338	-65.50	-13	-52.50	-63.62	-66.96	1.4	5.01	V
	3120	-68.46	-13	-55.46	-70.58	-70.99	1.63	6.31	V

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

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-64.50	-13	-51.50	-60.34	-65.40	1.14	4.19	H
	2332	-60.87	-13	-47.87	-60.33	-62.33	1.4	5.01	H
	3111	-69.69	-13	-56.69	-70.33	-72.22	1.63	6.31	H
	1554	-66.45	-13	-53.45	-61.32	-67.35	1.14	4.19	V
	2332	-63.11	-13	-50.11	-61.23	-64.57	1.4	5.01	V
	3111	-67.98	-13	-54.98	-70.1	-70.51	1.63	6.31	V

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



LTE Band 25 / 1.4MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-56.84	-13	-43.84	-60.35	-61.83	1.88	6.87	H
	5637	-62.25	-13	-49.25	-70.44	-69.55	2.38	9.68	H
	7518	-62.15	-13	-49.15	-74.18	-71.22	2.74	11.81	H
	3759	-60.39	-13	-47.39	-64.18	-65.38	1.88	6.87	V
	5637	-64.12	-13	-51.12	-72.69	-71.42	2.38	9.68	V
	7518	-64.41	-13	-51.41	-75.12	-73.48	2.74	11.81	V

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

LTE Band 25 / 3MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-57.48	-13	-44.48	-60.99	-62.47	1.88	6.87	H
	5637	-63.73	-13	-50.73	-71.92	-71.03	2.38	9.68	H
	7515	-62.36	-13	-49.36	-74.39	-71.43	2.74	11.81	H
	3756	-58.07	-13	-45.07	-61.86	-63.06	1.88	6.87	V
	5637	-60.97	-13	-47.97	-69.54	-68.27	2.38	9.68	V
	7515	-64.95	-13	-51.95	-75.66	-74.02	2.74	11.81	V

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

LTE Band 25 / 5MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-58.06	-13	-45.06	-61.57	-63.05	1.88	6.87	H
	5634	-63.54	-13	-50.54	-71.73	-70.84	2.38	9.68	H
	7512	-61.66	-13	-48.66	-73.69	-70.73	2.74	11.81	H
	3756	-57.47	-13	-44.47	-61.26	-62.46	1.88	6.87	V
	5634	-64.11	-13	-51.11	-72.68	-71.41	2.38	9.68	V
	7512	-63.41	-13	-50.41	-74.12	-72.48	2.74	11.81	V

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



LTE Band 25 / 10MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-56.51	-13	-43.51	-60.02	-61.50	1.88	6.87	H
	5628	-64.63	-13	-51.63	-72.82	-71.93	2.38	9.68	H
	7503	-62.47	-13	-49.47	-74.50	-71.54	2.74	11.81	H
	3750	-56.88	-13	-43.88	-60.67	-61.87	1.88	6.87	V
	5628	-63.70	-13	-50.70	-72.27	-71.00	2.38	9.68	V
	7503	-63.60	-13	-50.60	-74.31	-72.67	2.74	11.81	V

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

LTE Band 25 / 15MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-56.85	-13	-43.85	-60.36	-61.84	1.88	6.87	H
	5619	-62.64	-13	-49.64	-70.83	-69.94	2.38	9.68	H
	7494	-63.33	-13	-50.33	-75.36	-72.40	2.74	11.81	H
	3747	-57.44	-13	-44.44	-61.23	-62.43	1.88	6.87	V
	5619	-62.91	-13	-49.91	-71.48	-70.21	2.38	9.68	V
	7494	-64.60	-13	-51.60	-75.31	-73.67	2.74	11.81	V

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

LTE Band 25 / 20MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-57.37	-13	-44.37	-60.88	-62.36	1.88	6.87	H
	5613	-64.01	-13	-51.01	-72.20	-71.31	2.38	9.68	H
	7485	-62.54	-13	-49.54	-74.57	-71.61	2.74	11.81	H
	3741	-57.09	-13	-44.09	-60.88	-62.08	1.88	6.87	V
	5613	-62.67	-13	-49.67	-71.24	-69.97	2.38	9.68	V
	7485	-64.15	-13	-51.15	-74.86	-73.22	2.74	11.81	V

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



LTE Band 26 / 1.4MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-65.34	-13	-52.34	-63.97	-67.20	1.19	5.20	H
	2508	-56.96	-13	-43.96	-59.95	-59.18	1.53	5.90	H
	3345	-67.50	-13	-54.50	-71.45	-70.29	1.76	6.70	H
	1672	-67.00	-13	-54.00	-64.96	-68.86	1.19	5.20	V
	2508	-60.76	-13	-47.76	-62.74	-62.98	1.53	5.90	V
	3345	-68.78	-13	-55.78	-72.1	-71.57	1.76	6.70	V

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

LTE Band 26 / 3MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670	-65.08	-13	-52.08	-63.71	-66.94	1.19	5.20	H
	2506	-57.04	-13	-44.04	-60.03	-59.26	1.53	5.90	H
	3342	-68.29	-13	-55.29	-72.24	-71.08	1.76	6.70	H
	1670	-67.03	-13	-54.03	-64.99	-68.89	1.19	5.20	V
	2506	-62.51	-13	-49.51	-64.49	-64.73	1.53	5.90	V
	3342	-69.19	-13	-56.19	-72.51	-71.98	1.76	6.70	V

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

LTE Band 26 / 5MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668	-65.56	-13	-52.56	-64.19	-67.42	1.19	5.20	H
	2502	-56.41	-13	-43.41	-59.40	-58.63	1.53	5.90	H
	3336	-67.41	-13	-54.41	-71.36	-70.20	1.76	6.70	H
	1668	-65.97	-13	-52.97	-63.93	-67.83	1.19	5.20	V
	2502	-62.69	-13	-49.69	-64.67	-64.91	1.53	5.90	V
	3336	-67.42	-13	-54.42	-70.74	-70.21	1.76	6.70	V

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



LTE Band 26 / 10MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-65.35	-13	-52.35	-63.98	-67.21	1.19	5.20	H
	2496	-61.99	-13	-48.99	-64.98	-64.21	1.53	5.90	H
	3327	-67.34	-13	-54.34	-71.29	-70.13	1.76	6.70	H
	1664	-66.53	-13	-53.53	-64.49	-68.39	1.19	5.20	V
	2496	-65.12	-13	-52.12	-67.1	-67.34	1.53	5.90	V
	3327	-67.61	-13	-54.61	-70.93	-70.40	1.76	6.70	V

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

LTE Band 26 / 15MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1660	-66.68	-13	-53.68	-65.31	-68.54	1.19	5.20	H
	2490	-65.25	-13	-52.25	-68.24	-67.47	1.53	5.90	H
	3318	-68.13	-13	-55.13	-72.08	-70.92	1.76	6.70	H
	1660	-68.27	-13	-55.27	-66.23	-70.13	1.19	5.20	V
	2490	-65.74	-13	-52.74	-67.72	-67.96	1.53	5.90	V
	3318	-67.64	-13	-54.64	-70.96	-70.43	1.76	6.70	V

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



LTE Band 41 / 5MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5180	-52.84	-25	-27.84	-38.14	-59.55	2.40	9.12	H
	7772	-46.22	-25	-21.22	-38.64	-55.85	2.87	12.50	H
	10359	-40.14	-25	-15.14	-36.82	-49.06	3.18	12.10	H
	12951	-45.69	-25	-20.69	-44.40	-54.73	3.79	12.83	H
	15543	-56.73	-25	-31.73	-54.93	-65.16	4.34	12.77	H
	5180	-62.78	-25	-37.78	-42.8	-69.49	2.40	9.12	V
	7772	-59.41	-25	-34.41	-49.41	-69.03	2.87	12.50	V
	10359	-38.81	-25	-13.81	-36.7	-47.73	3.18	12.10	V
	12951	-48.84	-25	-23.84	-45.97	-57.88	3.79	12.83	V
	15543	-56.05	-25	-31.05	-57.03	-64.48	4.34	12.77	V

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

LTE Band 41 / 10MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5176	-55.48	-25	-30.48	-39.20	-62.19	2.40	9.12	H
	7764	-43.60	-25	-18.60	-36.85	-53.23	2.87	12.50	H
	10350	-38.94	-25	-13.94	-35.97	-47.86	3.18	12.10	H
	12942	-47.30	-25	-22.30	-45.85	-56.34	3.79	12.83	H
	15534	-58.41	-25	-33.41	-56.61	-66.84	4.34	12.77	H
	5176	-63.27	-25	-38.27	-43.29	-69.98	2.40	9.12	V
	7764	-58.68	-25	-33.68	-48.68	-68.30	2.87	12.50	V
	10350	-38.59	-25	-13.59	-36.6	-47.51	3.18	12.10	V
	12942	-51.77	-25	-26.77	-48.9	-60.81	3.79	12.83	V
	15534	-51.70	-25	-26.70	-52.68	-60.13	4.34	12.77	V

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



LTE Band 41 / 15MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172	-53.00	-25	-28.00	-38.23	-59.72	2.40	9.12	H
	7760	-44.30	-25	-19.30	-37.38	-53.92	2.87	12.50	H
	10341	-39.25	-25	-14.25	-36.18	-48.17	3.18	12.10	H
	12933	-46.89	-25	-21.89	-45.44	-55.93	3.79	12.83	H
	15516	-56.06	-25	-31.06	-54.26	-64.49	4.34	12.77	H
	5172	-64.02	-25	-39.02	-44.04	-70.73	2.40	9.12	V
	7760	-58.28	-25	-33.28	-48.28	-67.90	2.87	12.50	V
	10341	-37.64	-25	-12.64	-36.01	-46.56	3.18	12.10	V
	12933	-48.13	-25	-23.13	-45.26	-57.17	3.79	12.83	V
	15516	-56.21	-25	-31.21	-57.19	-64.64	4.34	12.77	V

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

LTE Band 41 / 20MHz / QPSK/ RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-51.04	-25	-26.04	-36.76	-57.76	2.40	9.12	H
	7752	-43.47	-25	-18.47	-36.77	-53.10	2.87	12.50	H
	10332	-39.88	-25	-14.88	-36.63	-48.80	3.18	12.10	H
	12924	-45.77	-25	-20.77	-44.44	-54.81	3.79	12.83	H
	15507	-57.48	-25	-32.48	-55.68	-65.91	4.34	12.77	H
	5168	-64.10	-25	-39.10	-44.12	-70.81	2.40	9.12	V
	7752	-57.85	-25	-32.85	-47.85	-67.47	2.87	12.50	V
	10332	-36.32	-25	-11.32	-34.84	-45.24	3.18	12.10	V
	12924	-52.12	-25	-27.12	-49.25	-61.16	3.79	12.83	V
	15507	-56.53	-25	-31.53	-57.51	-64.96	4.34	12.77	V

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