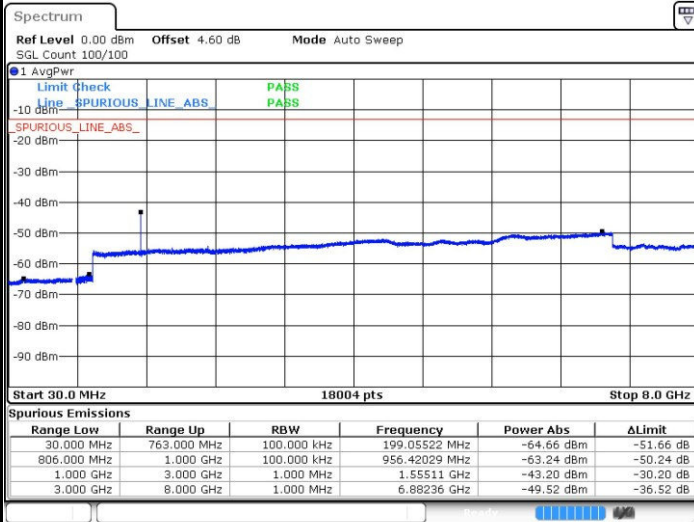




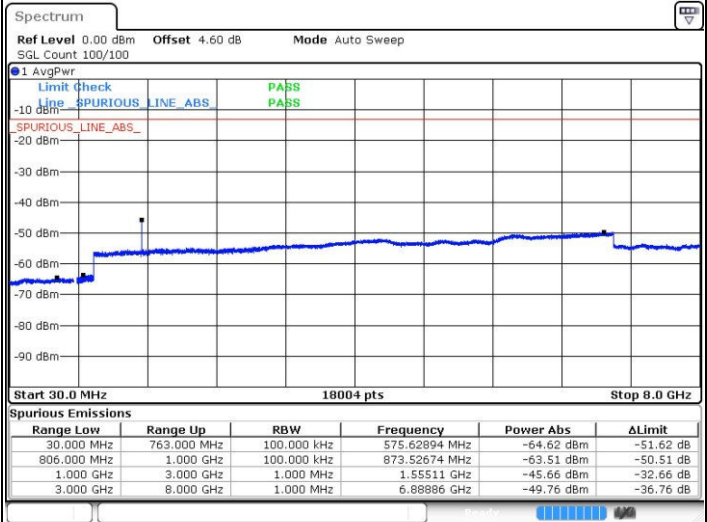
LTE Band 13 / 5MHz

Lowest Channel / QPSK



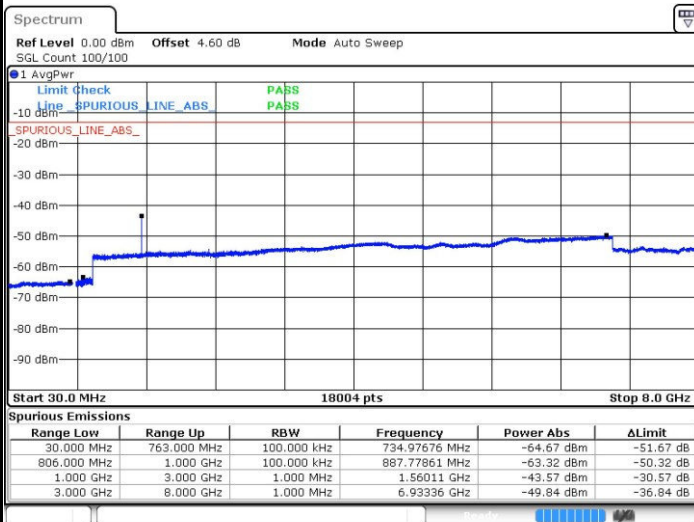
Date: 10 MAY 2017 18:56:14

Lowest Channel / 16QAM



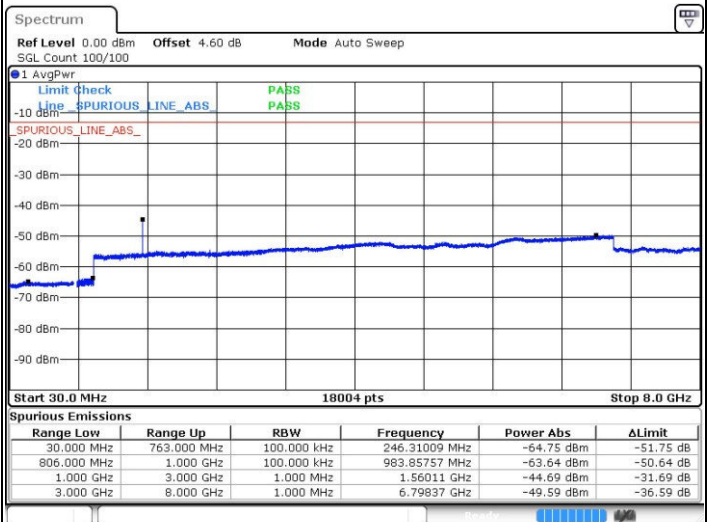
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Middle Channel / QPSK



Date: 10 MAY 2017 18:58:57

Middle Channel / 16QAM

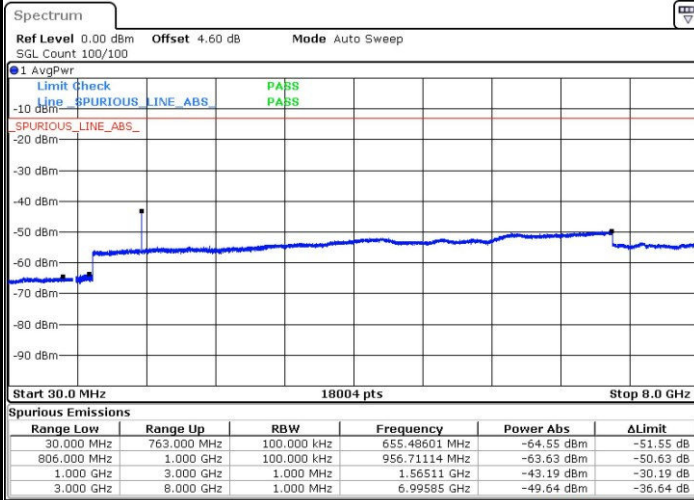


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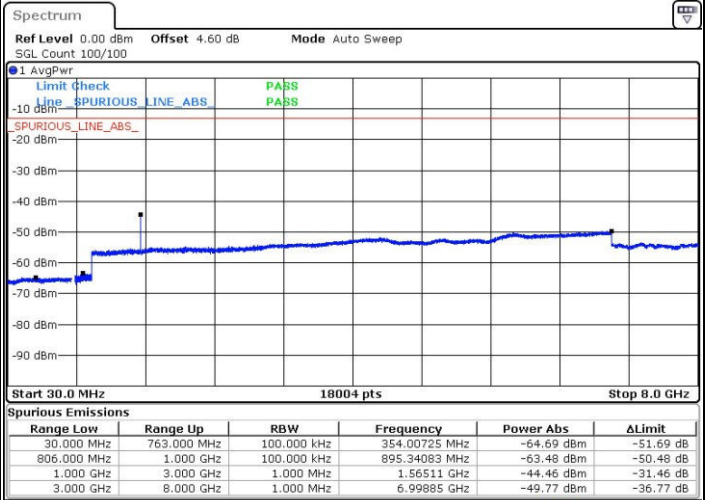
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 10 MAY 2017 18:59:52

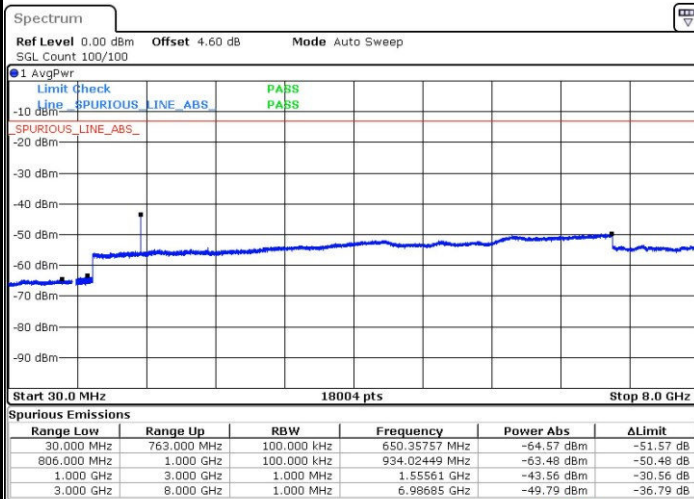
Highest Channel / 16QAM



Date: 10 MAY 2017 19:00:47

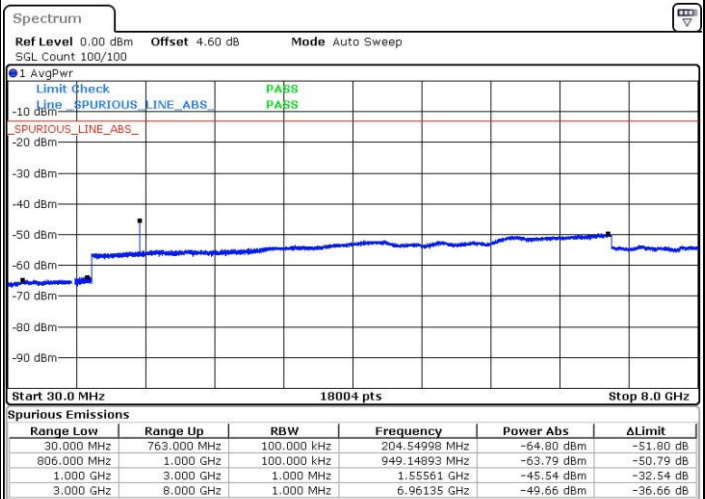
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 10 MAY 2017 19:03:20

Middle Channel / 16QAM



Date: 10 MAY 2017 19:02:25

**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	0.0011	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	0.0011	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0020	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	0.0024	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	0.0076	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0045	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	0.0040	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 / 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	-59.69	-13	-46.69	-63.20	-64.68	1.88	6.87	H
	5637	-45.43	-13	-32.43	-57.27	-52.73	2.38	9.68	H
	7518	-53.24	-13	-40.24	-65.27	-62.31	2.74	11.81	H
	3759	-65.48	-13	-52.48	-69.27	-70.47	1.88	6.87	V
	5637	-59.69	-13	-46.69	-68.26	-66.99	2.38	9.68	V
	7518	-58.20	-13	-45.20	-68.91	-67.27	2.74	11.81	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-59.85	-13	-46.85	-63.36	-64.84	1.88	6.87	H
	5637	-46.24	-13	-33.24	-57.54	-53.54	2.38	9.68	H
	7515	-52.41	-13	-39.41	-64.44	-61.48	2.74	11.81	H
	3756	-65.97	-13	-52.97	-69.76	-70.96	1.88	6.87	V
	5637	-58.38	-13	-45.38	-66.95	-65.68	2.38	9.68	V
	7515	-57.68	-13	-44.68	-68.39	-66.75	2.74	11.81	V

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

LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-59.02	-13	-46.02	-62.53	-64.01	1.88	6.87	H
	5634	-46.61	-13	-33.61	-57.75	-53.91	2.38	9.68	H
	7512	-52.82	-13	-39.82	-64.85	-61.89	2.74	11.81	H
	3756	-65.96	-13	-52.96	-69.75	-70.95	1.88	6.87	V
	5634	-57.35	-13	-44.35	-65.92	-64.65	2.38	9.68	V
	7512	-57.87	-13	-44.87	-68.58	-66.94	2.74	11.81	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3750	-60.01	-13	-47.01	-63.52	-65.00	1.88	6.87	H
	5625	-46.07	-13	-33.07	-57.44	-53.37	2.38	9.68	H
	7503	-50.83	-13	-37.83	-62.86	-59.90	2.74	11.81	H
	3750	-64.56	-13	-51.56	-68.35	-69.55	1.88	6.87	V
	5625	-59.42	-13	-46.42	-67.99	-66.72	2.38	9.68	V
	7503	-57.31	-13	-44.31	-68.02	-66.38	2.74	11.81	V

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

LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-59.54	-13	-46.54	-63.05	-64.53	1.88	6.87	H
	5619	-45.91	-13	-32.91	-57.38	-53.21	2.38	9.68	H
	7494	-52.34	-13	-39.34	-64.37	-61.41	2.74	11.81	H
	3747	-64.56	-13	-51.56	-68.35	-69.55	1.88	6.87	V
	5619	-57.45	-13	-44.45	-66.02	-64.75	2.38	9.68	V
	7494	-56.99	-13	-43.99	-67.7	-66.06	2.74	11.81	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-58.59	-13	-45.59	-62.10	-63.58	1.88	6.87	H
	5613	-44.39	-13	-31.39	-56.50	-51.69	2.38	9.68	H
	7485	-51.98	-13	-38.98	-64.01	-61.05	2.74	11.81	H
	3741	-64.44	-13	-51.44	-68.23	-69.43	1.88	6.87	V
	5613	-55.85	-13	-42.85	-64.42	-63.15	2.38	9.68	V
	7485	-57.97	-13	-44.97	-68.68	-67.04	2.74	11.81	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3464	-60.18	-13	-47.18	-72.61	-66.34	1.43	7.59	H
	5196	-51.48	-13	-38.48	-66.32	-59.04	1.83	9.39	H
	6927	-49.90	-13	-36.90	-67.63	-59.49	2.08	11.67	H
	8660	-47.37	-12	-35.37	-68.07	-59.14	2.27	14.03	H
	3465	-62.68	-13	-49.68	-72.46	-68.84	1.43	7.59	V
	5196	-48.89	-13	-35.89	-64.16	-56.45	1.83	9.39	V
	6927	-49.20	-13	-36.20	-66.08	-58.79	2.08	11.67	V
	8661	-51.49	-12	-39.49	-72.01	-63.26	2.27	14.03	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	-60.01	-13	-47.01	-72.44	-66.17	1.43	7.59	H
	5193	-49.71	-13	-36.71	-64.55	-57.27	1.83	9.39	H
	6924	-50.98	-13	-37.98	-68.71	-60.57	2.08	11.67	H
	8655	-47.60	-12	-35.60	-68.30	-59.37	2.27	14.03	H
	3462	-61.03	-13	-48.03	-70.81	-67.19	1.43	7.59	V
	5193	-47.75	-13	-34.75	-63.02	-55.31	1.83	9.39	V
	6924	-49.72	-13	-36.72	-66.6	-59.31	2.08	11.67	V
	8655	-51.48	-12	-39.48	-72	-63.25	2.27	14.03	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	3459	-61.73	-13	-48.73	-74.16	-67.89	1.43	7.59	H
	5190	-49.44	-13	-36.44	-64.28	-57.00	1.83	9.39	H
	6921	-52.02	-13	-39.02	-69.75	-61.61	2.08	11.67	H
	8652	-47.95	-12	-35.95	-68.65	-59.72	2.27	14.03	H
	3459	-62.68	-13	-49.68	-72.46	-68.84	1.43	7.59	V
	5190	-46.74	-13	-33.74	-62.01	-54.30	1.83	9.39	V
	6921	-50.80	-13	-37.80	-67.68	-60.39	2.08	11.67	V
	8652	-50.31	-12	-38.31	-70.83	-62.08	2.27	14.03	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	-57.11	-13	-44.11	-69.54	-63.27	1.43	7.59	H
	5184	-47.65	-13	-34.65	-62.49	-55.21	1.83	9.39	H
	6912	-52.85	-13	-39.85	-70.58	-62.44	2.08	11.67	H
	8640	-50.13	-12	-38.13	-70.83	-61.90	2.27	14.03	H
	3456	-60.94	-13	-47.94	-70.72	-67.10	1.43	7.59	V
	5184	-45.29	-13	-32.29	-60.56	-52.85	1.83	9.39	V
	6912	-53.40	-13	-40.40	-70.28	-62.99	2.08	11.67	V
	8640.45	-53.93	-12	-41.93	-74.45	-65.70	2.27	14.03	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	3450	-59.48	-13	-46.48	-71.91	-65.64	1.43	7.59	H
	5178	-46.58	-13	-33.58	-61.42	-54.14	1.83	9.39	H
	6903	-54.41	-13	-41.41	-72.14	-64.00	2.08	11.67	H
	8629	-50.98	-12	-38.98	-71.68	-62.75	2.27	14.03	H
	3450	-62.25	-13	-49.25	-72.03	-68.41	1.43	7.59	V
	5178	-42.84	-13	-29.84	-58.18	-50.41	1.83	9.39	V
	6903	-53.96	-13	-40.96	-70.84	-63.55	2.08	11.67	V
	8629	-53.70	-12	-41.70	-74.22	-65.47	2.27	14.03	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	-59.69	-13	-46.69	-72.12	-65.85	1.43	7.59	H
	5169	-43.26	-13	-30.26	-58.41	-50.82	1.83	9.39	H
	6894	-53.42	-13	-40.42	-71.15	-63.01	2.08	11.67	H
	8619	-52.51	-12	-40.51	-73.21	-64.28	2.27	14.03	H
	3447	-62.32	-13	-49.32	-72.1	-68.48	1.43	7.59	V
	5169	-43.99	-13	-30.99	-59.26	-51.55	1.83	9.39	V
	6894	-55.19	-13	-42.19	-72.07	-64.78	2.08	11.67	V
	8619	-54.31	-12	-42.31	-74.83	-66.08	2.27	14.03	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-66.83	-13	-53.83	-65.34	-69.47	1.01	5.80	H
	2507.88	-61.65	-13	-48.65	-70.23	-65.22	1.18	6.90	H
	3344	-66.12	-13	-53.12	-75.56	-69.69	1.78	7.50	H
	1672	-63.27	-13	-50.27	-62.39	-65.91	1.01	5.80	V
	2508	-60.49	-13	-47.49	-69.63	-64.06	1.18	6.90	V
	3344	-68.30	-13	-55.30	-76.62	-71.87	1.78	7.50	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670	-66.36	-13	-53.36	-64.87	-69.00	1.01	5.80	H
	2505.72	-61.70	-13	-48.70	-70.28	-65.27	1.18	6.90	H
	3341	-67.11	-13	-54.11	-76.55	-70.68	1.78	7.50	H
	1670	-63.47	-13	-50.47	-62.59	-66.11	1.01	5.80	V
	2505.72	-64.15	-13	-51.15	-73.29	-67.72	1.18	6.90	V
	3341	-68.19	-13	-55.19	-76.51	-71.76	1.78	7.50	V

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

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668	-65.35	-13	-52.35	-63.86	-67.99	1.01	5.80	H
	2502	-61.50	-13	-48.50	-70.08	-65.07	1.18	6.90	H
	3336	-67.73	-13	-54.73	-77.17	-71.30	1.78	7.50	H
	1668	-63.86	-13	-50.86	-62.98	-66.50	1.01	5.80	V
	2502	-61.64	-13	-48.64	-70.78	-65.21	1.18	6.90	V
	3336	-69.14	-13	-56.14	-77.46	-72.71	1.78	7.50	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-63.99	-13	-50.99	-62.50	-66.63	1.01	5.80	H
	2496	-59.40	-13	-46.40	-67.98	-62.97	1.18	6.90	H
	3328	-66.99	-13	-53.99	-76.43	-70.56	1.78	7.50	H
	1664	-63.07	-13	-50.07	-62.19	-65.71	1.01	5.80	V
	2496	-59.50	-13	-46.50	-68.64	-63.07	1.18	6.90	V
	3328	-68.17	-13	-55.17	-76.49	-71.74	1.78	7.50	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	-69.04	-13	-56.04	-64.98	-70.66	0.92	4.69	H
	2120	-62.78	-13	-49.78	-68.14	-65.64	1.18	6.20	H
	2827.84	-65.04	-13	-52.04	-73.48	-68.91	1.38	7.40	H
	1414	-62.64	-13	-49.64	-64.44	-64.26	0.92	4.69	V
	2120	-61.28	-13	-48.28	-68.52	-64.15	1.18	6.20	V
	2827.84	-62.52	-13	-49.52	-73.45	-66.39	1.38	7.40	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	-68.60	-13	-55.60	-64.54	-70.22	0.92	4.69	H
	2118	-63.22	-13	-50.22	-68.58	-66.08	1.18	6.20	H
	2824.96	-64.75	-13	-51.75	-73.19	-68.62	1.38	7.40	H
	1412	-61.20	-13	-48.20	-63	-62.82	0.92	4.69	V
	2118	-60.63	-13	-47.63	-67.87	-63.50	1.18	6.20	V
	2824.96	-63.22	-13	-50.22	-74.15	-67.09	1.38	7.40	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	-68.63	-13	-55.63	-64.57	-70.25	0.92	4.69	H
	2116	-61.86	-13	-48.86	-67.22	-64.72	1.18	6.20	H
	2821.36	-65.39	-13	-52.39	-73.83	-69.26	1.38	7.40	H
	1410	-61.63	-13	-48.63	-63.43	-63.25	0.92	4.69	V
	2116	-61.66	-13	-48.66	-68.9	-64.53	1.18	6.20	V
	2821.36	-62.74	-13	-49.74	-73.67	-66.61	1.38	7.40	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	-71.60	-13	-58.60	-67.54	-73.22	0.92	4.69	H
	2108	-59.84	-13	-46.84	-65.20	-62.70	1.18	6.20	H
	2812.36	-64.25	-13	-51.25	-72.69	-68.12	1.38	7.40	H
	1406	-65.35	-13	-52.35	-67.15	-66.97	0.92	4.69	V
	2108	-56.73	-13	-43.73	-63.97	-59.60	1.18	6.20	V
	2812.36	-62.44	-13	-49.44	-73.37	-66.31	1.38	7.40	V

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	-66.09	-40	-26.09	-68.47	-69.85	0.91	4.67	H
	2339.52	-63.08	-13	-50.08	-70.87	-65.92	1.19	6.18	H
	3120	-67.83	-13	-54.83	-76.28	-71.74	1.34	7.40	H
	3899.2	-65.26	-13	-52.26	-74.87	-69.30	1.46	7.65	H
	4679.04	-67.80	-13	-54.80	-76.41	-71.36	1.66	7.38	H
	5458.88	-67.10	-13	-54.10	-77.22	-72.06	1.73	8.83	H
	6238.72	-63.28	-13	-50.28	-76.31	-69.74	1.85	10.46	H
	7018.56	-62.04	-13	-49.04	-76.26	-69.46	1.98	11.55	H
	7797	-56.20	-13	-43.20	-71.23	-63.61	2.09	11.65	H
	1560	-63.98	-40	-23.98	-67.8	-67.74	0.91	4.67	V
	2339.52	-64.24	-13	-51.24	-72.62	-67.08	1.19	6.18	V
	3120	-67.26	-13	-54.26	-75.44	-71.18	1.34	7.40	V
	3899.2	-64.76	-13	-51.76	-74.48	-68.80	1.46	7.65	V
	4679.04	-66.71	-13	-53.71	-76.5	-70.28	1.66	7.38	V
	5458.88	-65.10	-13	-52.10	-76.8	-70.05	1.73	8.83	V
	6238.72	-63.52	-13	-50.52	-76.67	-69.98	1.85	10.46	V
	7018.56	-61.30	-13	-48.30	-75.87	-68.73	1.98	11.55	V
	7797	-55.10	-13	-42.10	-69.34	-62.50	2.09	11.65	V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1554	-63.43	-13	-50.43	-65.81	-65.04	0.91	4.67	H
	2332	-62.05	-13	-49.05	-69.84	-64.89	1.19	6.18	H
	3111	-67.46	-13	-54.46	-75.91	-71.37	1.34	7.40	H
	3888	-65.84	-13	-52.84	-75.45	-69.88	1.46	7.65	H
	4665.54	-67.72	-13	-54.72	-76.33	-71.28	1.66	7.38	H
	5443.13	-67.53	-13	-54.53	-77.65	-72.49	1.73	8.83	H
	6220.72	-62.52	-13	-49.52	-75.55	-68.98	1.85	10.46	H
	6999	-61.82	-13	-48.82	-76.04	-69.24	1.98	11.55	H
	7776	-56.55	-13	-43.55	-71.58	-63.96	2.09	11.65	H
	1554	-60.85	-13	-47.85	-64.67	-62.46	0.91	4.67	V
	2332	-61.64	-13	-48.64	-70.02	-64.48	1.19	6.18	V
	3111	-67.00	-13	-54.00	-75.18	-70.92	1.34	7.40	V
	3888	-65.80	-13	-52.80	-75.52	-69.84	1.46	7.65	V
	4665	-66.76	-13	-53.76	-76.55	-70.33	1.66	7.38	V
	5443	-63.89	-13	-50.89	-75.59	-68.84	1.73	8.83	V
	6221	-63.26	-13	-50.26	-76.41	-69.72	1.85	10.46	V
	6999	-62.57	-13	-49.57	-77.14	-70.00	1.98	11.55	V
	7776	-57.83	-13	-44.83	-72.07	-65.23	2.09	11.65	V

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