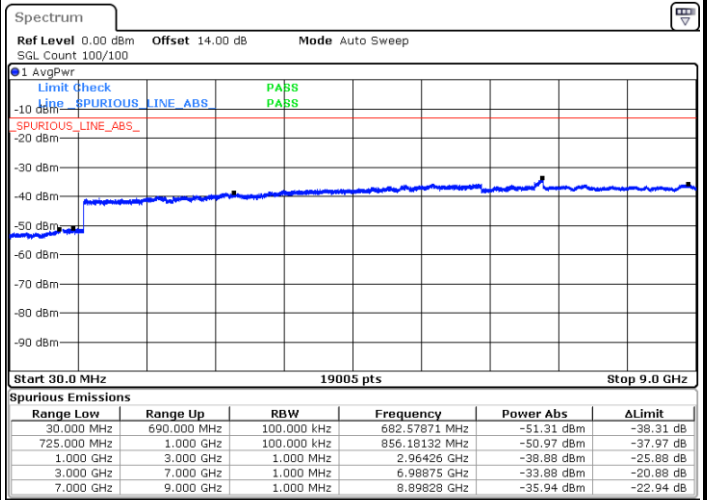
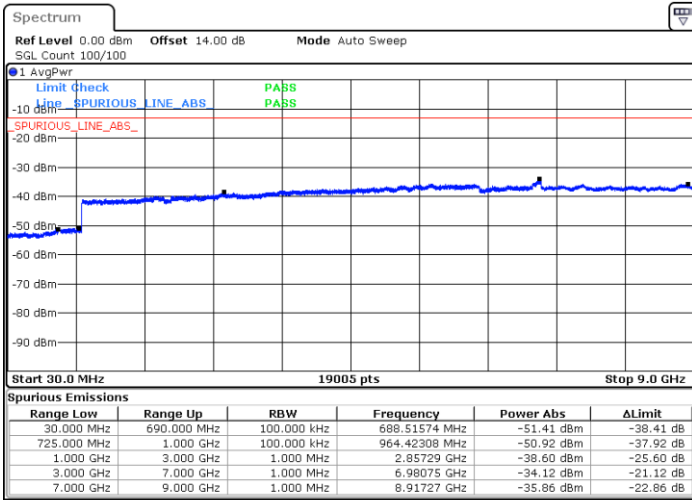




LTE Band 12 / 3MHz

Lowest Channel / 64QAM

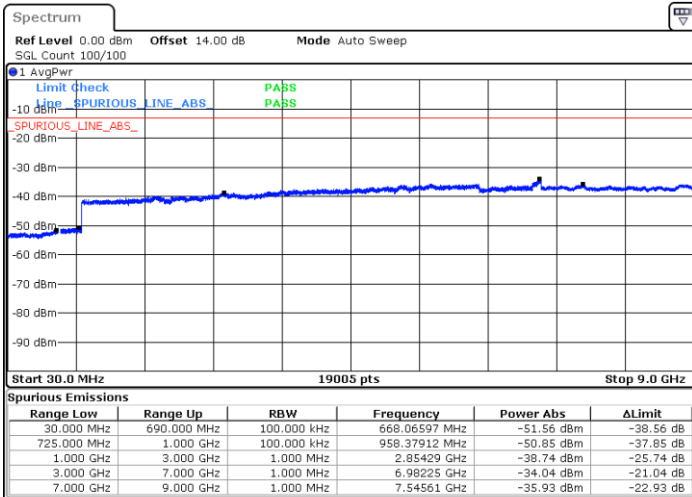
Middle Channel / 64QAM



Date: 18.JUL.2018 20:24:36

Date: 18.JUL.2018 20:25:53

Highest Channel / 64QAM



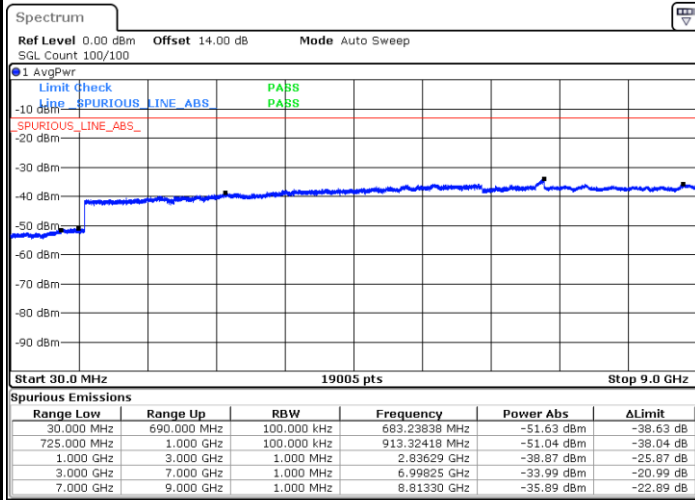
Date: 18.JUL.2018 20:29:29



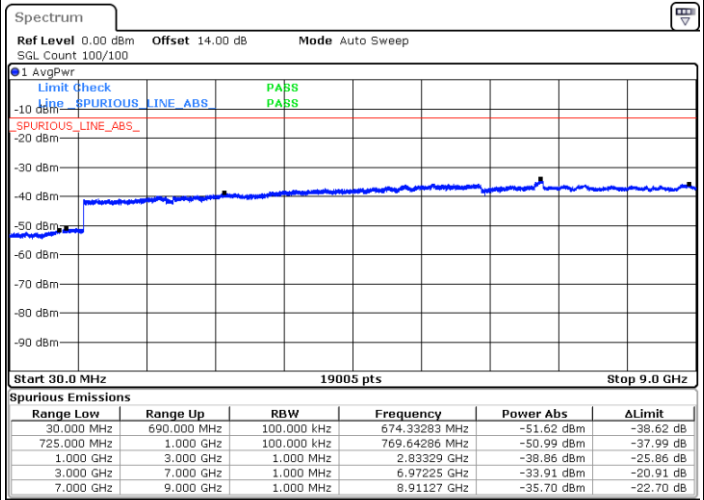
LTE Band 12 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

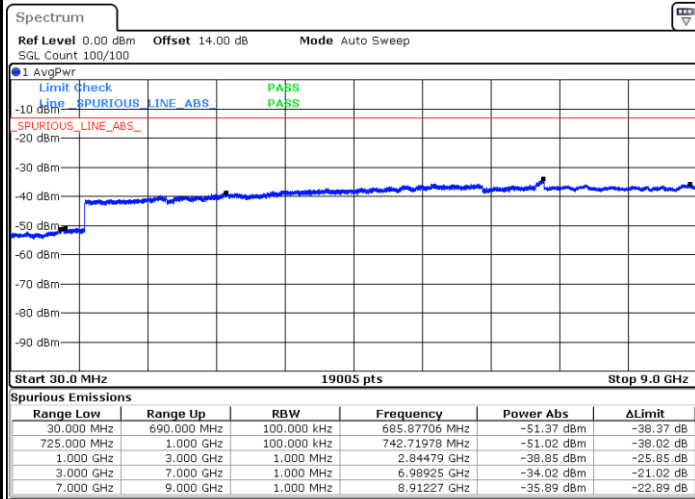


Date: 18.JUL.2018 20:33:05



Date: 18.JUL.2018 20:34:23

Highest Channel / 64QAM



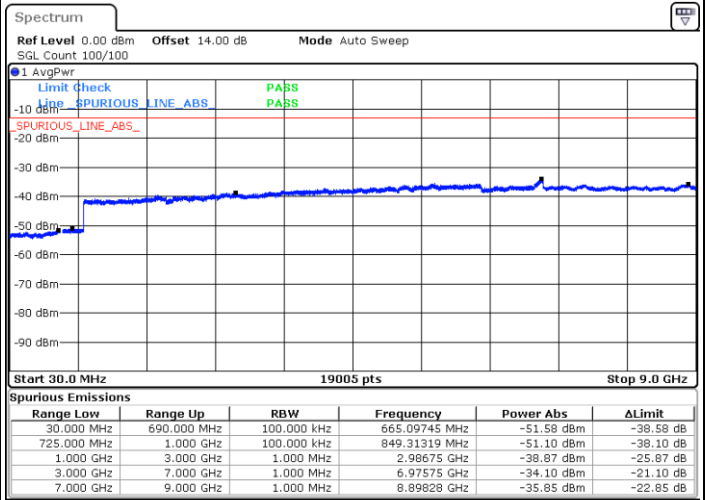
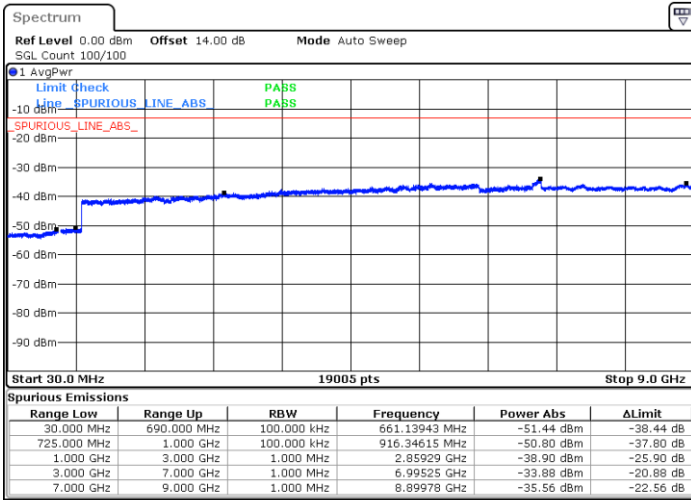
Date: 18.JUL.2018 20:37:59



LTE Band 12 / 10MHz

Lowest Channel / 64QAM

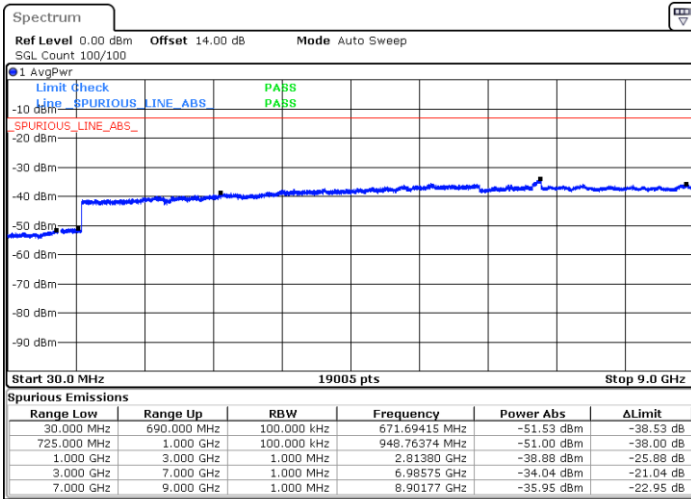
Middle Channel / 64QAM



Date: 18.JUL.2018 20:41:34

Date: 18.JUL.2018 20:42:51

Highest Channel / 64QAM



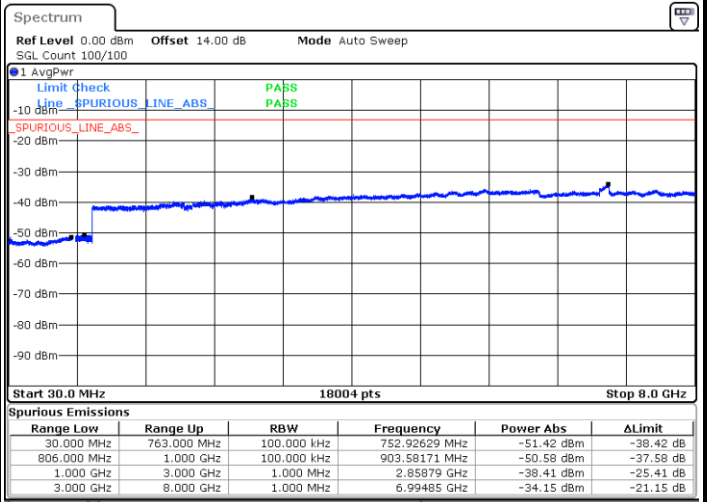
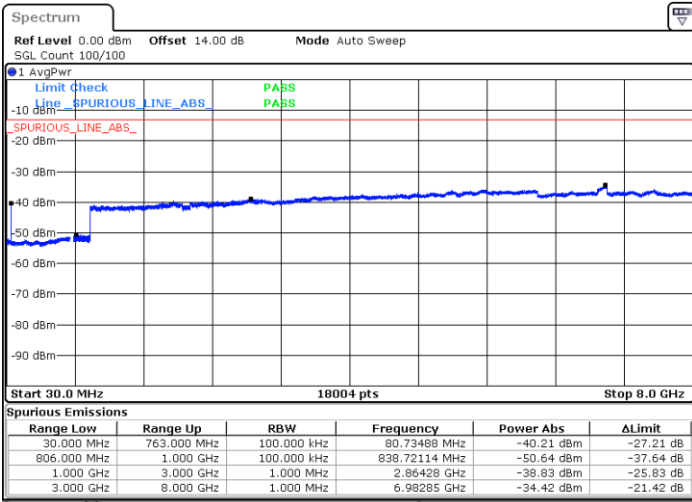
Date: 18.JUL.2018 20:46:27



LTE Band 13 / 5MHz

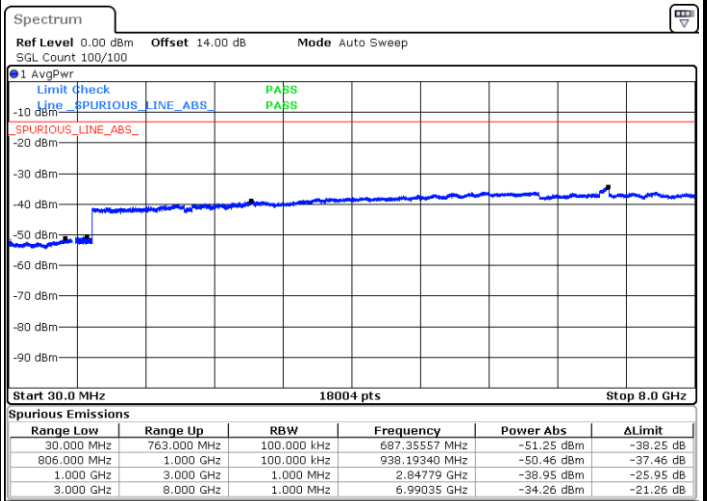
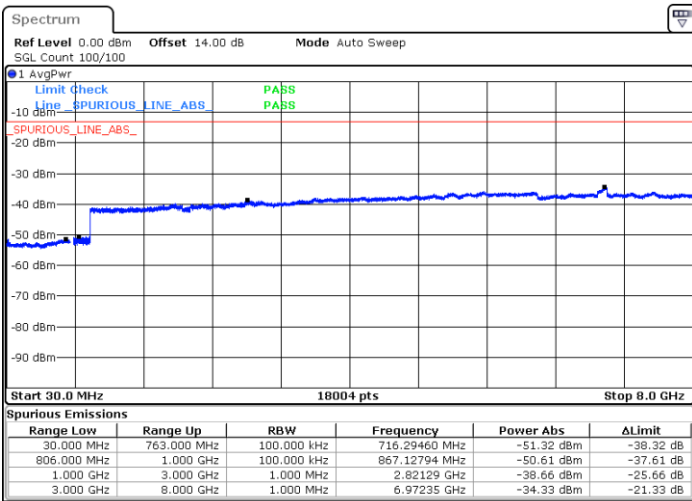
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

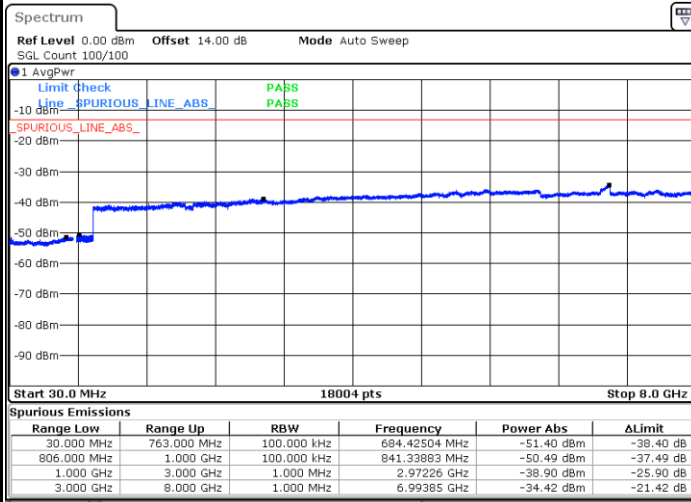
Middle Channel / 16QAM



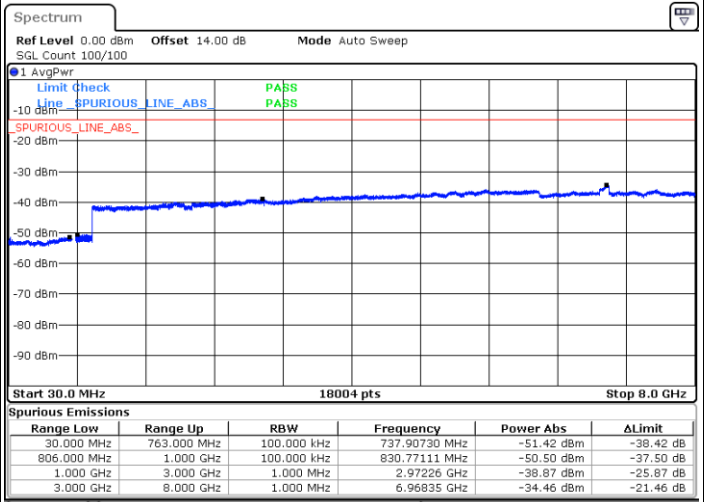


LTE Band 13 / 5MHz

Highest Channel / QPSK

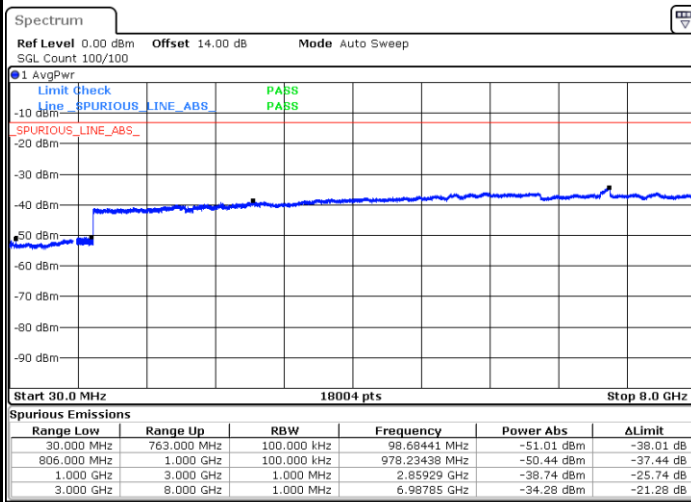


Highest Channel / 16QAM

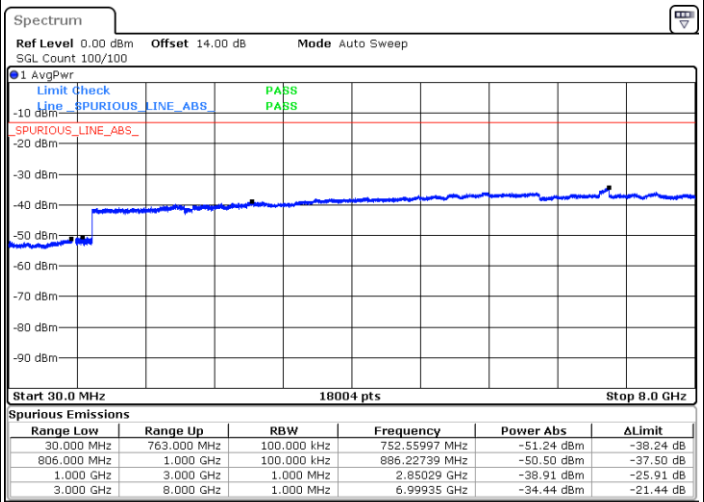


LTE Band 13 / 10MHz

Middle Channel / QPSK



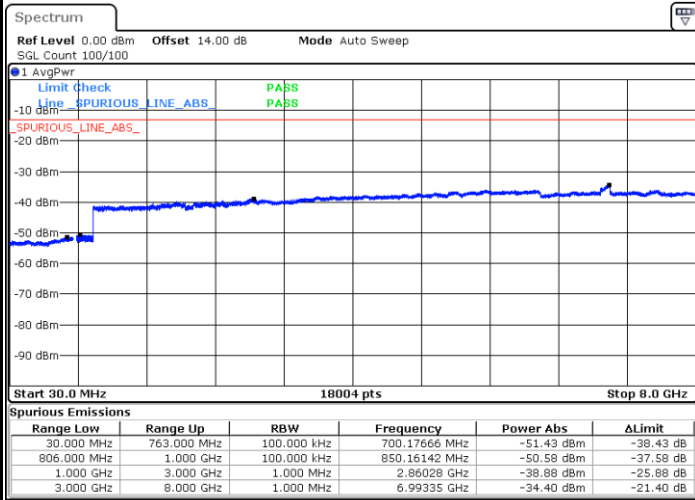
Middle Channel / 16QAM





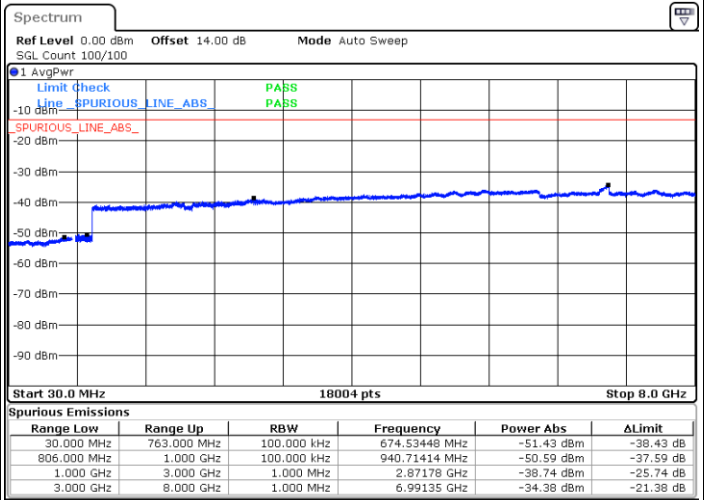
LTE Band 13 / 5MHz

Lowest Channel / 64QAM



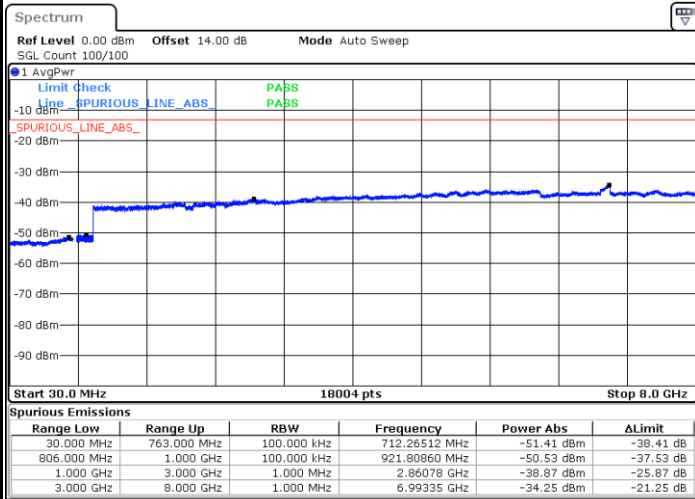
Date: 18.JUL.2018 21:11:25

Middle Channel / 64QAM



Date: 18.JUL.2018 21:12:41

Highest Channel / 64QAM

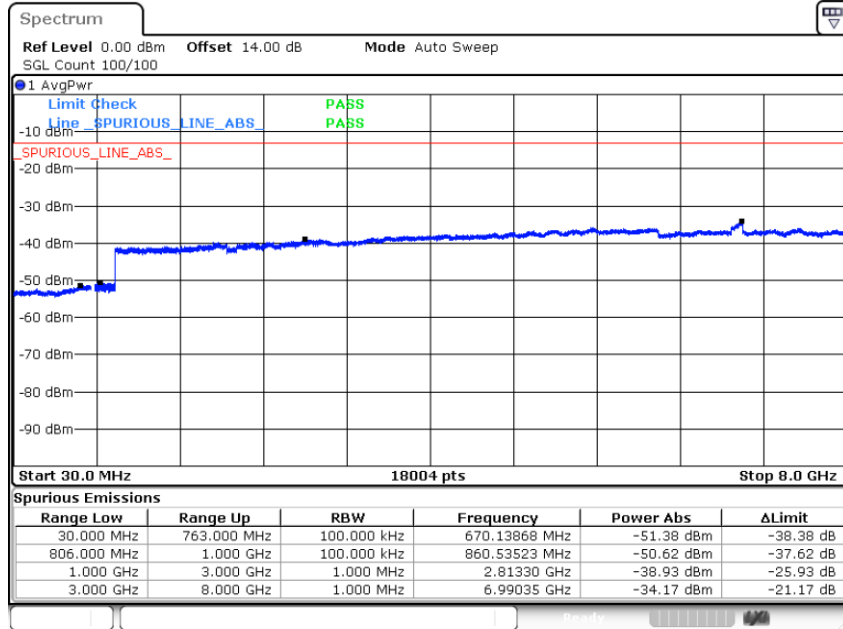


Date: 18.JUL.2018 21:17:17



LTE Band 13 / 10MHz

Middle Channel / 64QAM



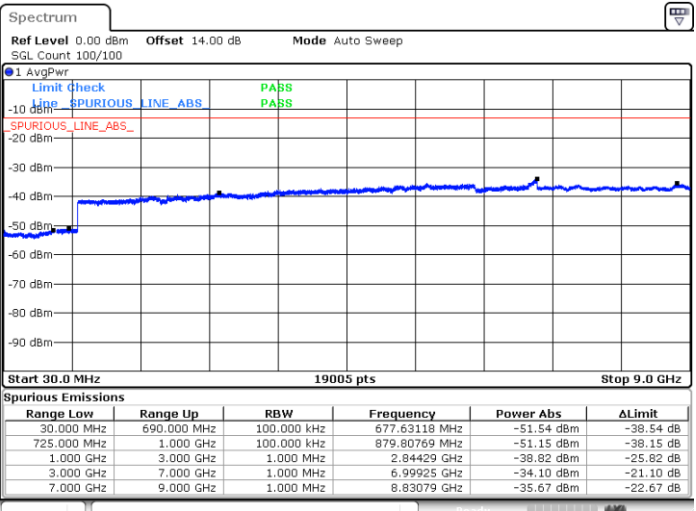
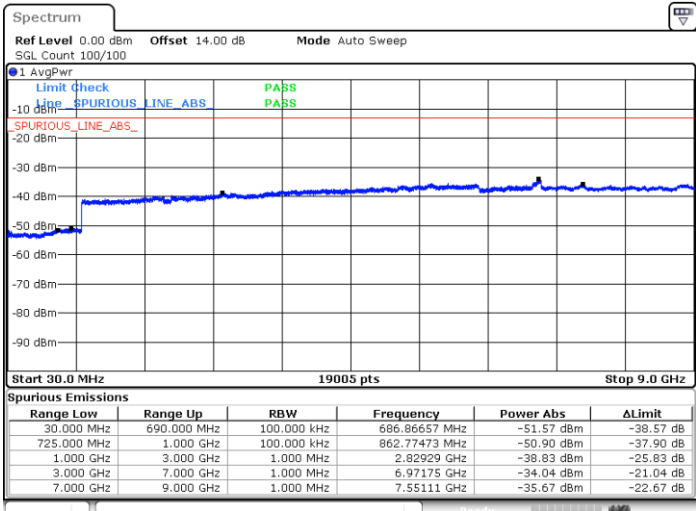
Date: 18.JUL.2018 21:23:32



LTE Band 17 / 5MHz

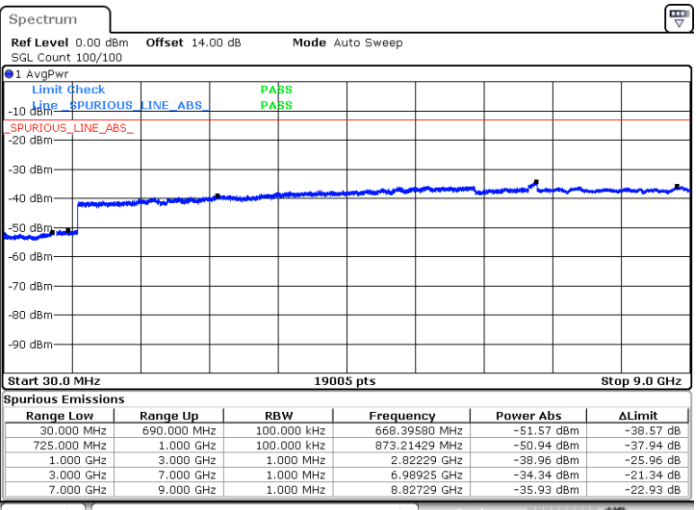
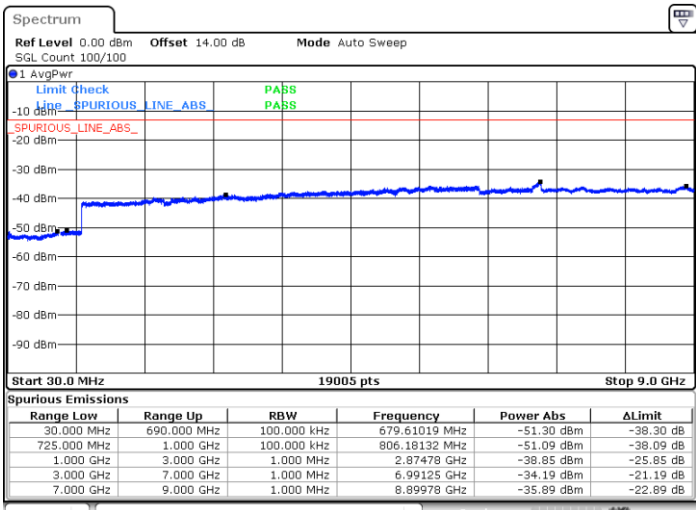
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

Middle Channel / 16QAM

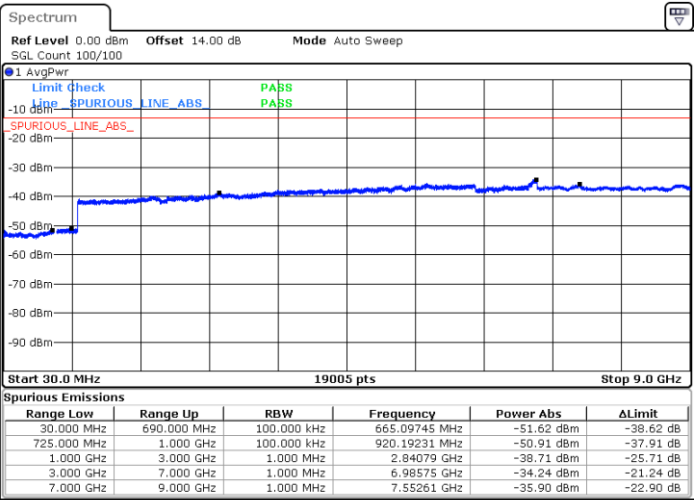
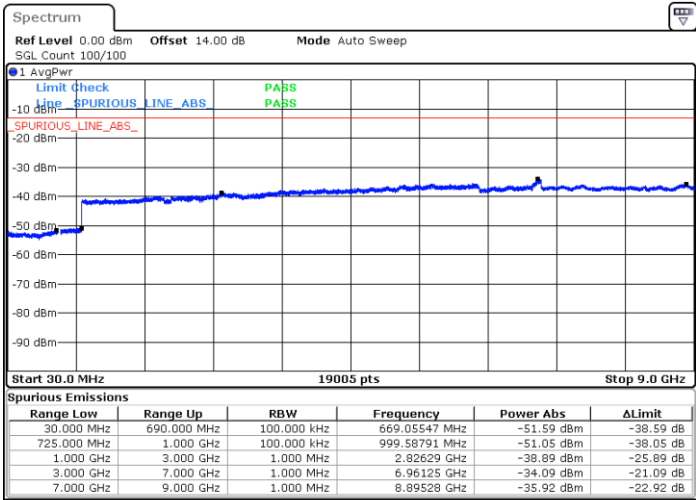




LTE Band 17 / 5MHz

Highest Channel / QPSK

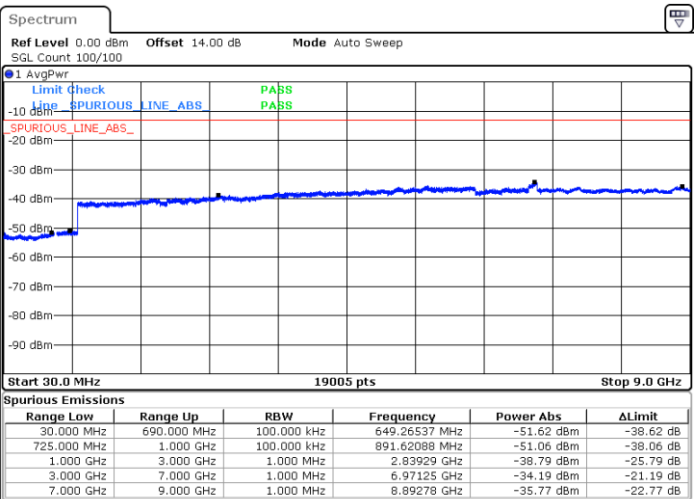
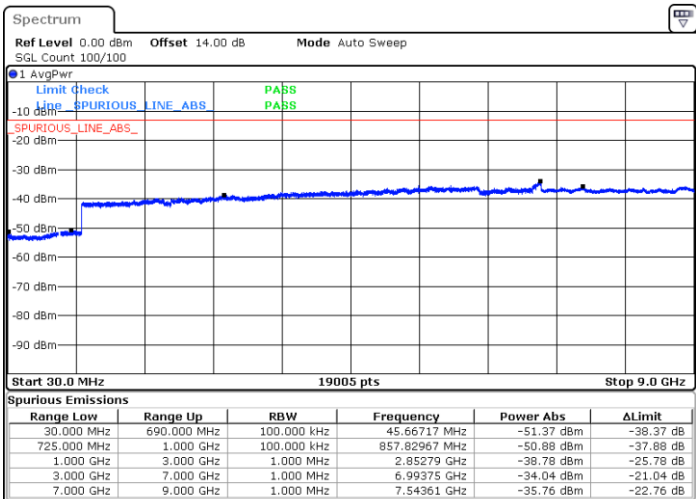
Highest Channel / 16QAM



LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

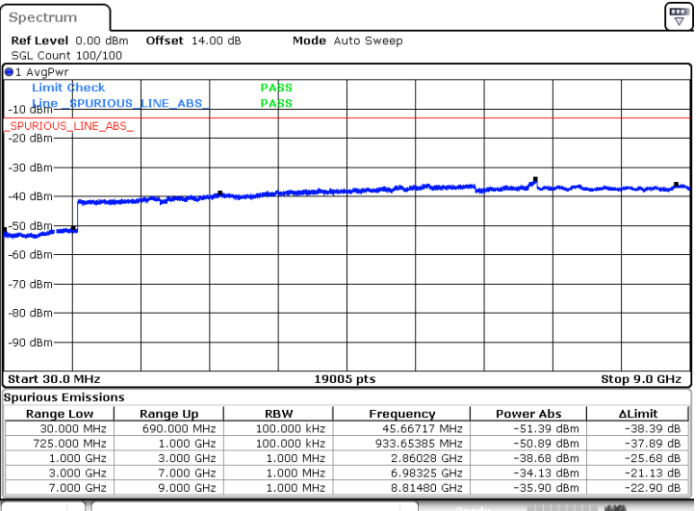
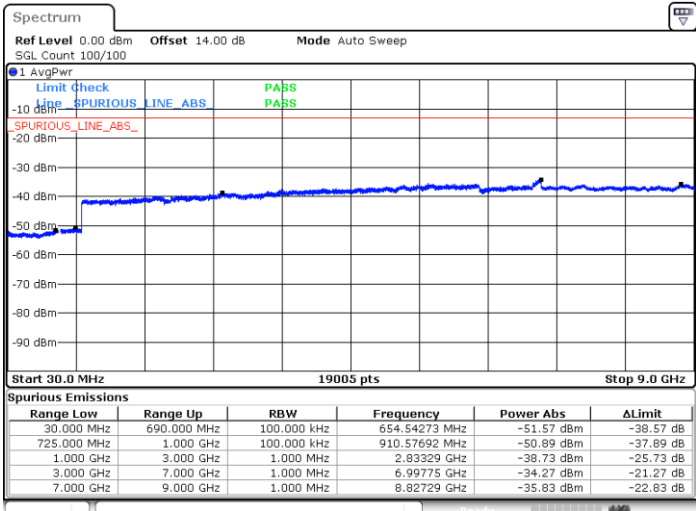




LTE Band 17 / 10MHz

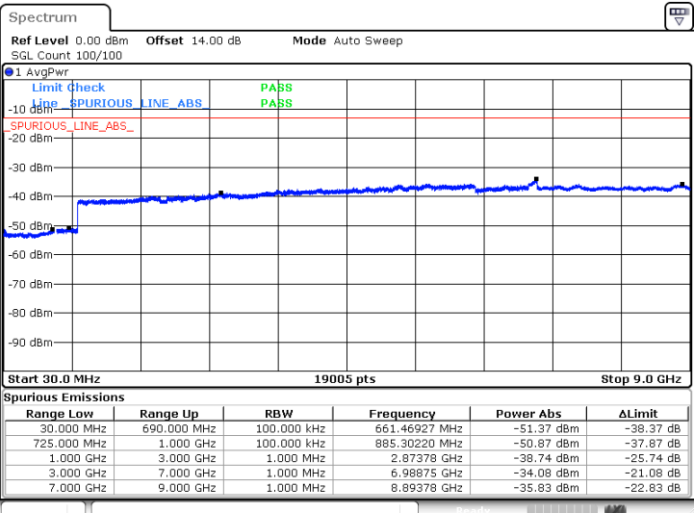
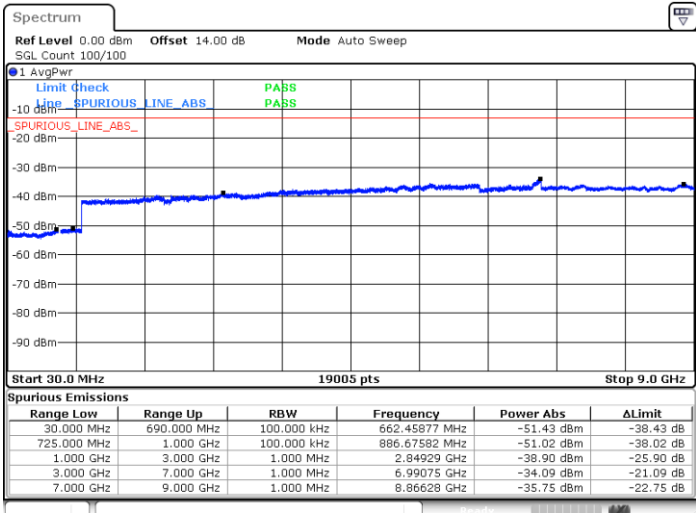
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM

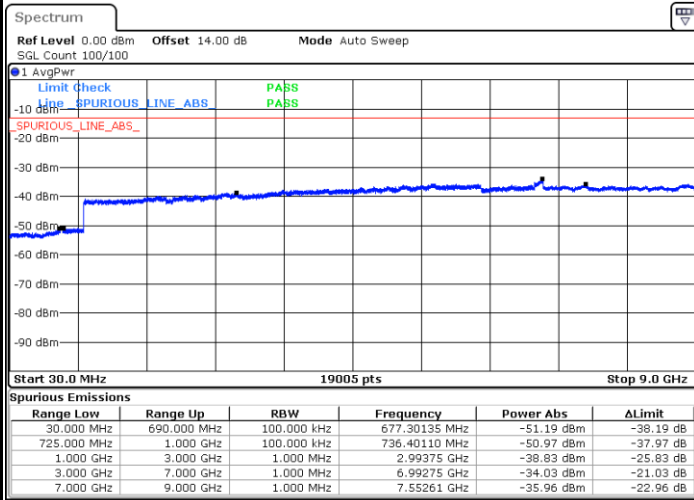




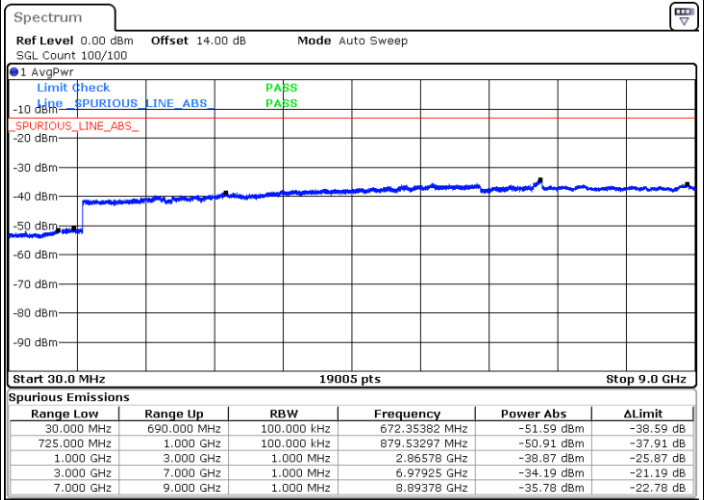
LTE Band 17 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

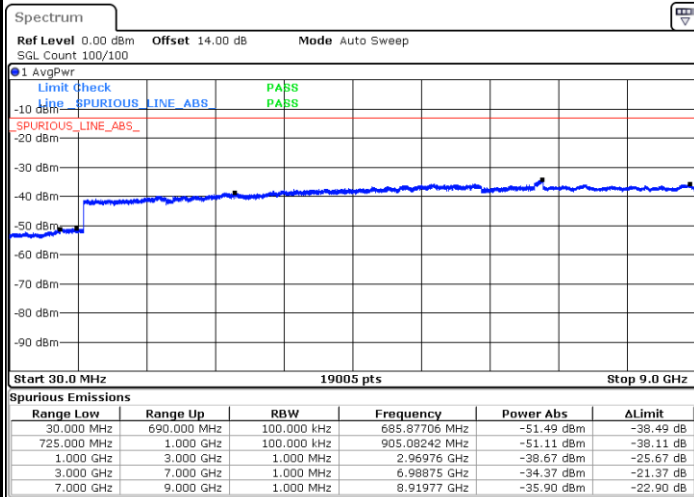


Date: 18.JUL.2018 21:32:08



Date: 18.JUL.2018 21:33:25

Highest Channel / 64QAM



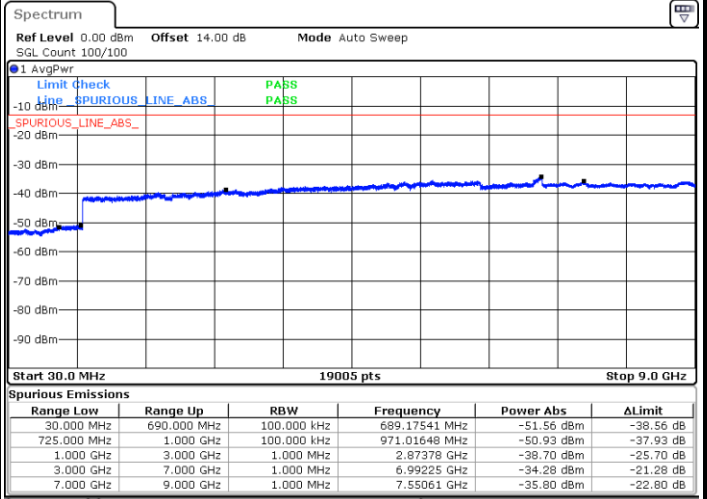
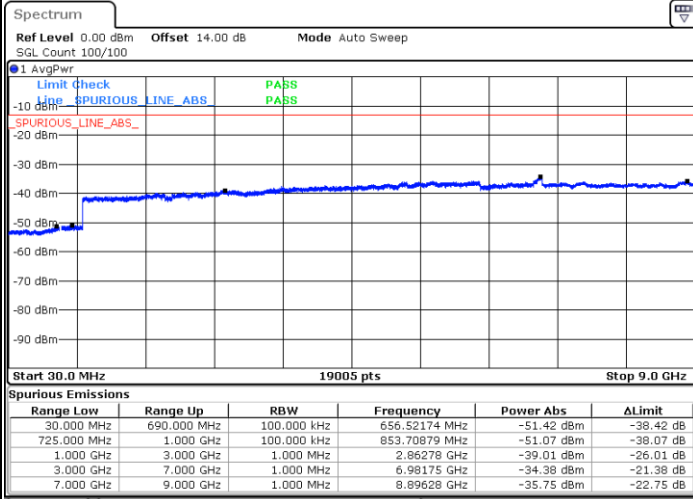
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LTE Band 17 / 10MHz

Lowest Channel / 64QAM

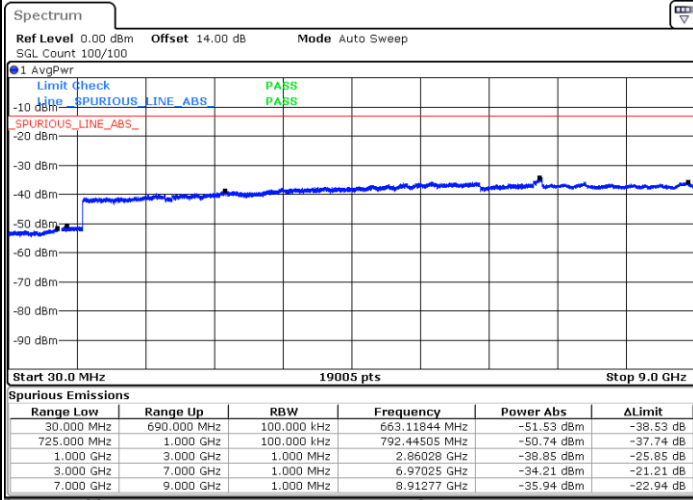
Middle Channel / 64QAM



Date: 18.JUL.2018 21:40:36

Date: 18.JUL.2018 21:41:54

Highest Channel / 64QAM



Date: 18.JUL.2018 21:45:29



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	0.0003	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0015	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0122	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0072	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0079	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0011	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	0.0006	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 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	-51.76	-13	-38.76	-65.38	-59.36	5.00	12.60	H
	5638.38	-60.62	-13	-47.62	-77.22	-66.42	7.30	13.10	H
	7517.84	-58.15	-13	-45.15	-78.13	-61.72	7.73	11.30	H
	3758.92	-55.45	-13	-42.45	-69.78	-63.05	5.00	12.60	V
	5638.38	-57.98	-13	-44.98	-74.51	-63.78	7.30	13.10	V
	7517.84	-58.75	-13	-45.75	-78.39	-62.32	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	-51.23	-13	-38.23	-64.85	-58.83	5.00	12.60	H
	5636.22	-58.89	-13	-45.89	-75.49	-64.69	7.30	13.10	H
	7514.96	-58.74	-13	-45.74	-78.72	-62.31	7.73	11.30	H
	3757.48	-54.67	-13	-41.67	-69	-62.27	5.00	12.60	V
	5636.22	-59.39	-13	-46.39	-75.92	-65.19	7.30	13.10	V
	7514.96	-58.50	-13	-45.50	-78.14	-62.07	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	-51.91	-13	-38.91	-65.53	-59.51	5.00	12.60	H
	5633.52	-58.68	-13	-45.68	-75.28	-64.48	7.30	13.10	H
	7511.36	-58.35	-13	-45.35	-78.33	-61.92	7.73	11.30	H
	3755.68	-55.24	-13	-42.24	-69.57	-62.84	5.00	12.60	V
	5633.52	-57.58	-13	-44.58	-74.11	-63.38	7.30	13.10	V
	7511.36	-58.13	-13	-45.13	-77.77	-61.70	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	-52.74	-13	-39.74	-66.36	-60.34	5.00	12.60	H
	5626.77	-58.73	-13	-45.73	-75.33	-64.53	7.30	13.10	H
	7502.00	-58.08	-13	-45.08	-78.06	-61.65	7.73	11.30	H
	3751.18	-55.36	-13	-42.36	-69.69	-62.96	5.00	12.60	V
	5626.77	-56.79	-13	-43.79	-73.32	-62.59	7.30	13.10	V
	7502.00	-58.47	-13	-45.47	-78.11	-62.04	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	-53.37	-13	-40.37	-66.99	-60.97	5.00	12.60	H
	5620.02	-58.69	-13	-45.69	-75.29	-64.49	7.30	13.10	H
	7493.36	-58.54	-13	-45.54	-78.52	-62.11	7.73	11.30	H
	3746.68	-56.25	-13	-43.25	-70.58	-63.85	5.00	12.60	V
	5620.02	-57.23	-13	-44.23	-73.76	-63.03	7.30	13.10	V
	7493.36	-57.59	-13	-44.59	-77.23	-61.16	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	-53.35	-13	-40.35	-66.97	-60.95	5.00	12.60	H
	5613.27	-59.25	-13	-46.25	-75.85	-65.05	7.30	13.10	H
	7484.36	-58.22	-13	-45.22	-78.20	-61.79	7.73	11.30	H
	3742.18	-56.88	-13	-43.88	-71.21	-64.48	5.00	12.60	V
	5613.27	-58.70	-13	-45.70	-75.23	-64.50	7.30	13.10	V
	7484.36	-58.21	-13	-45.21	-77.85	-61.78	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	-59.98	-13	-46.98	-73.68	-67.95	4.63	12.60	H
	5195.61	-55.83	-13	-42.83	-73.76	-62.28	6.25	12.70	H
	6927.48	-60.05	-13	-47.05	-79.67	-64.82	8.23	13.00	H
	3463.74	-61.23	-13	-48.23	-72.64	-69.20	4.63	12.60	V
	5195.61	-61.04	-13	-48.04	-74.65	-67.49	6.25	12.70	V
	6927.48	-60.52	-13	-47.52	-79.64	-65.29	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	-60.19	-13	-47.19	-73.89	-68.16	4.63	12.60	H
	5193.72	-56.04	-13	-43.04	-73.97	-62.49	6.25	12.70	H
	6924.96	-60.12	-13	-47.12	-79.74	-64.89	8.23	13.00	H
	3462.48	-61.81	-13	-48.81	-73.22	-69.78	4.63	12.6	V
	5193.72	-61.26	-13	-48.26	-74.87	-67.71	6.25	12.7	V
	6924.96	-60.43	-13	-47.43	-79.55	-65.20	8.23	13	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	-60.65	-13	-47.65	-74.35	-68.62	4.63	12.60	H
	5191.02	-57.66	-13	-44.66	-75.59	-64.11	6.25	12.70	H
	6921.36	-59.77	-13	-46.77	-79.39	-64.54	8.23	13.00	H
	3460.68	-61.30	-13	-48.30	-72.71	-69.27	4.63	12.6	V
	5191.02	-61.72	-13	-48.72	-75.33	-68.17	6.25	12.7	V
	6921.36	-60.31	-13	-47.31	-79.43	-65.08	8.23	13	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	-60.61	-13	-47.61	-74.31	-68.58	4.63	12.60	H
	5184.27	-56.24	-13	-43.24	-74.17	-62.69	6.25	12.70	H
	6912.36	-59.79	-13	-46.79	-79.41	-64.56	8.23	13.00	H
	3456.18	-62.21	-13	-49.21	-73.62	-70.18	4.63	12.6	V
	5184.27	-62.70	-13	-49.70	-76.31	-69.15	6.25	12.7	V
	6912.36	-60.35	-13	-47.35	-79.47	-65.12	8.23	13	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	-60.13	-13	-47.13	-73.83	-68.10	4.63	12.60	H
	5177.52	-57.43	-13	-44.43	-75.36	-63.88	6.25	12.70	H
	6903.36	-60.11	-13	-47.11	-79.73	-64.88	8.23	13.00	H
	3451.68	-62.54	-13	-49.54	-73.95	-70.51	4.63	12.6	V
	5177.52	-60.51	-13	-47.51	-74.12	-66.96	6.25	12.7	V
	6903.36	-60.56	-13	-47.56	-79.68	-65.33	8.23	13	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	-58.68	-13	-45.68	-72.38	-66.65	4.63	12.60	H
	5170.77	-56.42	-13	-43.42	-74.35	-62.87	6.25	12.70	H
	6894.36	-60.13	-13	-47.13	-79.75	-64.90	8.23	13.00	H
	3447.18	-60.69	-13	-47.69	-72.1	-68.66	4.63	12.6	V
	5170.77	-63.01	-13	-50.01	-76.62	-69.46	6.25	12.7	V
	6894.36	-60.57	-13	-47.57	-79.69	-65.34	8.23	13	V

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



LTE Band 5 / 1.4MHz / 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	1671.92	-73.38	-13	-60.38	-75.09	-77.75	2.88	9.40	H
	2507.88	-69.27	-13	-56.27	-75.33	-75.22	2.50	10.60	H
	3343.84	-69.16	-13	-56.16	-77.16	-74.98	4.63	12.60	H
	1671.92	-72.19	-13	-59.19	-74.03	-76.56	2.88	9.40	V
	2507.88	-67.48	-13	-54.48	-73.43	-73.43	2.50	10.60	V
	3343.84	-69.13	-13	-56.13	-77.16	-74.95	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)	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	1670.48	-73.36	-13	-60.36	-75.07	-77.73	2.88	9.40	H
	2505.72	-68.18	-13	-55.18	-74.24	-74.13	2.50	10.60	H
	3340.96	-69.29	-13	-56.29	-77.29	-75.11	4.63	12.60	H
	1670.48	-71.98	-13	-58.98	-73.82	-76.35	2.88	9.40	V
	2505.72	-66.96	-13	-53.96	-72.91	-72.91	2.50	10.60	V
	3340.96	-69.25	-13	-56.25	-77.28	-75.07	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)	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	1668.68	-73.42	-13	-60.42	-75.13	-77.79	2.88	9.40	H
	2503.02	-68.46	-13	-55.46	-74.52	-74.41	2.50	10.60	H
	3337.36	-69.24	-13	-56.24	-77.24	-75.06	4.63	12.60	H
	1668.68	-72.31	-13	-59.31	-74.15	-76.68	2.88	9.40	V
	2503.02	-65.46	-13	-52.46	-71.41	-71.41	2.50	10.60	V
	3337.36	-69.21	-13	-56.21	-77.24	-75.03	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)	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	1664.08	-71.17	-13	-58.17	-72.88	-75.54	2.88	9.40	H
	2496.27	-61.99	-13	-48.99	-68.05	-67.94	2.50	10.60	H
	3328.36	-69.26	-13	-56.26	-77.26	-75.08	4.63	12.60	H
	1664.08	-70.53	-13	-57.53	-72.37	-74.90	2.88	9.40	V
	2496.27	-58.70	-13	-45.70	-64.65	-64.65	2.50	10.60	V
	3328.36	-69.27	-13	-56.27	-77.30	-75.09	4.63	12.60	V

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



LTE Band 7 / 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	5065.68	-54.62	-25	-29.62	-71.69	-61.47	6.25	13.10	H
	7598.52	-53.98	-25	-28.98	-74.85	-57.55	7.73	11.30	H
	10131.36	-54.59	-25	-29.59	-80.69	-58.25	8.44	12.10	H
	5065.68	-58.86	-25	-33.86	-75.60	-65.71	6.25	13.10	V
	7598.52	-56.81	-25	-31.81	-77.35	-60.38	7.73	11.30	V
	10131.36	-56.51	-25	-31.51	-80.80	-60.17	8.44	12.10	V

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

LTE Band 7 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061.18	-55.57	-25	-30.57	-72.64	-62.42	6.25	13.10	H
	7591.77	-53.19	-25	-28.19	-74.06	-56.76	7.73	11.30	H
	10122.36	-54.76	-25	-29.76	-80.86	-58.42	8.44	12.10	H
	5061.18	-59.93	-25	-34.93	-76.67	-66.78	6.25	13.10	V
	7591.77	-56.64	-25	-31.64	-77.18	-60.21	7.73	11.30	V
	10122.36	-56.20	-25	-31.20	-80.49	-59.86	8.44	12.10	V

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



LTE Band 7 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056.68	-54.65	-25	-29.65	-71.72	-61.50	6.25	13.10	H
	7585.02	-53.71	-25	-28.71	-74.58	-57.28	7.73	11.30	H
	10113.36	-54.66	-25	-29.66	-80.76	-58.32	8.44	12.10	H
	5056.68	-59.67	-25	-34.67	-76.41	-66.52	6.25	13.10	V
	7585.02	-57.44	-25	-32.44	-77.98	-61.01	7.73	11.30	V
	10113.36	-56.51	-25	-31.51	-80.80	-60.17	8.44	12.10	V

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

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-54.91	-25	-29.91	-71.98	-61.76	6.25	13.10	H
	7578.27	-52.72	-25	-27.72	-73.59	-56.29	7.73	11.30	H
	10104.36	-54.77	-25	-29.77	-80.87	-58.43	8.44	12.10	H
	5052.18	-58.99	-25	-33.99	-75.73	-65.84	6.25	13.10	V
	7578.27	-57.05	-25	-32.05	-77.59	-60.62	7.73	11.30	V
	10104.36	-56.72	-25	-31.72	-81.01	-60.38	8.44	12.10	V

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



LTE Band 12 / 1.4MHz / 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	1413.74	-70.97	-13	-57.97	-74.37	-73.94	2.88	8.00	H
	2120.61	-70.23	-13	-57.23	-76.43	-75.23	3.25	10.40	H
	2827.48	-68.56	-13	-55.56	-77.05	-74.04	3.87	11.50	H
	1413.74	-70.55	-13	-57.55	-73.99	-73.52	2.88	8.00	V
	2120.61	-69.63	-13	-56.63	-74.02	-74.63	3.25	10.40	V
	2827.48	-69.55	-13	-56.55	-76.92	-75.03	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)	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	1412.3	-70.80	-13	-57.80	-74.20	-73.77	2.88	8.00	H
	2118.45	-70.34	-13	-57.34	-76.54	-75.34	3.25	10.40	H
	2824.6	-68.45	-13	-55.45	-76.94	-73.93	3.87	11.50	H
	1412.3	-70.75	-13	-57.75	-74.19	-73.72	2.88	8.00	V
	2118.45	-69.50	-13	-56.50	-73.89	-74.50	3.25	10.40	V
	2824.6	-69.58	-13	-56.58	-76.95	-75.06	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)	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	1410.5	-71.02	-13	-58.02	-74.42	-73.99	2.88	8.00	H
	2115.75	-70.35	-13	-57.35	-76.55	-75.35	3.25	10.40	H
	2821	-68.36	-13	-55.36	-76.85	-73.84	3.87	11.50	H
	1410.5	-70.85	-13	-57.85	-74.29	-73.82	2.88	8.00	V
	2115.75	-69.04	-13	-56.04	-73.43	-74.04	3.25	10.40	V
	2821	-69.42	-13	-56.42	-76.79	-74.90	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)	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	-70.95	-13	-57.95	-74.35	-73.92	2.88	8.00	H
	2109	-69.98	-13	-56.98	-76.18	-74.98	3.25	10.40	H
	2812	-68.30	-13	-55.30	-76.79	-73.78	3.87	11.50	H
	1406	-70.95	-13	-57.95	-74.39	-73.92	2.88	8.00	V
	2109	-69.05	-13	-56.05	-73.44	-74.05	3.25	10.40	V
	2812	-69.55	-13	-56.55	-76.92	-75.03	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)	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	1559.5	-64.72	-40	-24.72	-68.58	-71.40	2.68	9.36	H
	2339.25	-70.19	-13	-57.19	-76.25	-76.19	2.36	10.51	H
	3119	-69.24	-13	-56.24	-77.24	-75.12	4.49	12.52	H
	1559.5	-63.12	-40	-23.12	-67.11	-69.80	2.68	9.36	V
	2339.25	-70.30	-13	-57.30	-76.25	-76.30	2.36	10.51	V
	3119	-69.21	-13	-56.21	-77.24	-75.09	4.49	12.52	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	1564	-70.31	-40	-30.31	-74.17	-76.99	2.68	9.36	H
	2346	-70.23	-13	-57.23	-76.29	-76.23	2.36	10.51	H
	3128	-69.56	-13	-56.56	-77.56	-75.44	4.49	12.52	H
	1564	-68.80	-40	-28.80	-72.79	-75.48	2.68	9.36	V
	2346	-70.40	-13	-57.40	-76.35	-76.40	2.36	10.51	V
	3128	-69.49	-13	-56.49	-77.52	-75.37	4.49	12.52	V

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



LTE Band 17 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1415.68	-70.98	-13	-57.98	-74.38	-73.95	2.88	8.00	H
	2123.58	-70.11	-13	-57.11	-76.31	-75.11	3.25	10.40	H
	2831.36	-68.20	-13	-55.20	-76.69	-73.68	3.87	11.50	H
	1415.68	-70.52	-13	-57.52	-73.96	-73.49	2.88	8.00	V
	2123.58	-72.03	-13	-59.03	-76.42	-77.03	3.25	10.40	V
	2831.36	-69.32	-13	-56.32	-76.69	-74.80	3.87	11.50	V

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

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1411.18	-70.81	-13	-57.81	-74.21	-73.78	2.88	8.00	H
	2116.77	-70.09	-13	-57.09	-76.29	-75.09	3.25	10.40	H
	2822.36	-68.17	-13	-55.17	-76.66	-73.65	3.87	11.50	H
	1411.18	-70.79	-13	-57.79	-74.23	-73.76	2.88	8.00	V
	2116.77	-71.86	-13	-58.86	-76.25	-76.86	3.25	10.40	V
	2822.36	-69.33	-13	-56.33	-76.70	-74.81	3.87	11.50	V

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