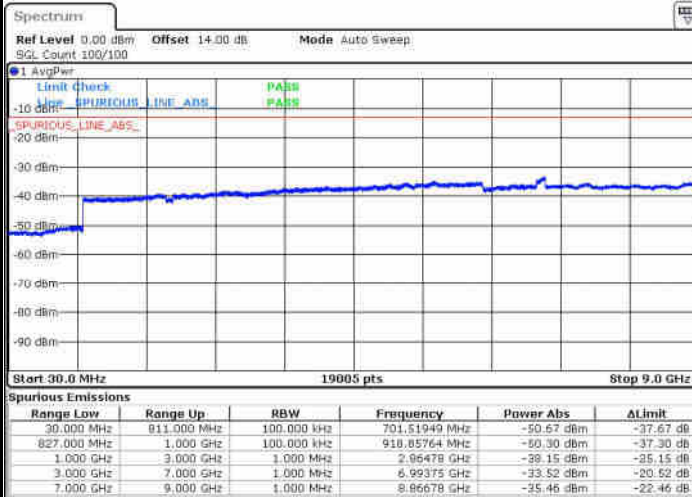




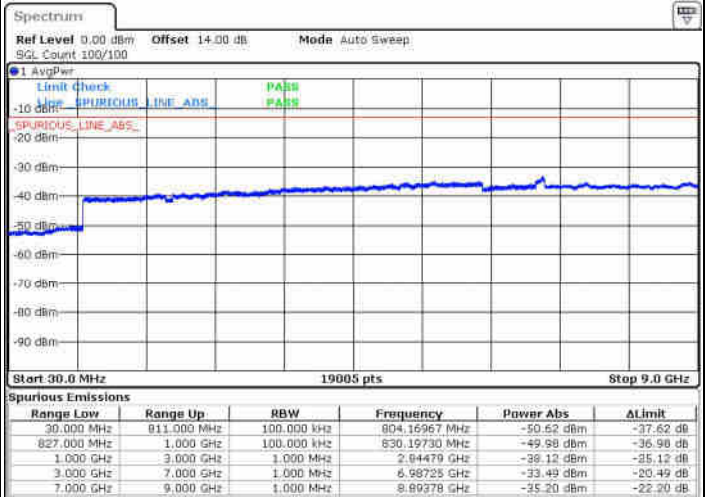
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 8-APR-2017 16:11:51

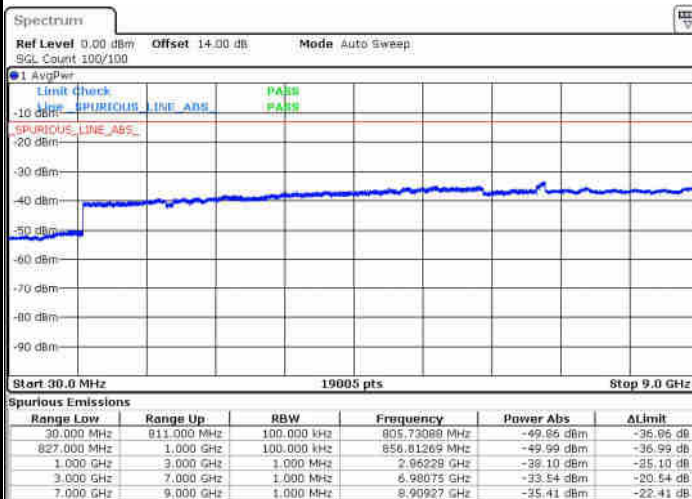
Highest Channel / 16QAM



Date: 8-APR-2017 16:15:49

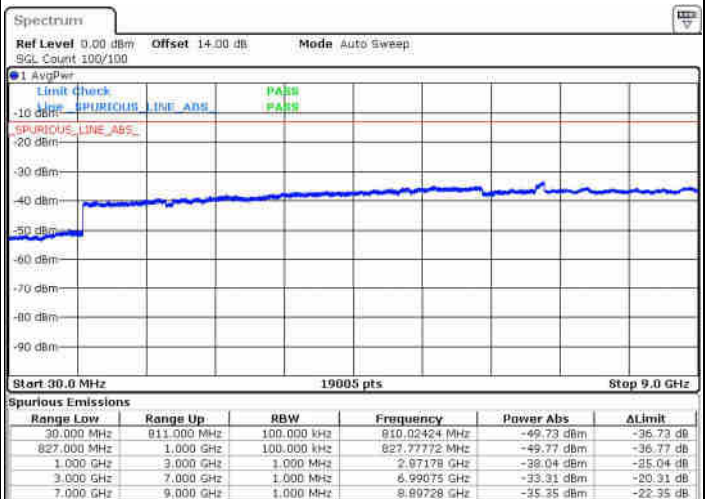
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 8-APR-2017 16:17:30

Middle Channel / 16QAM

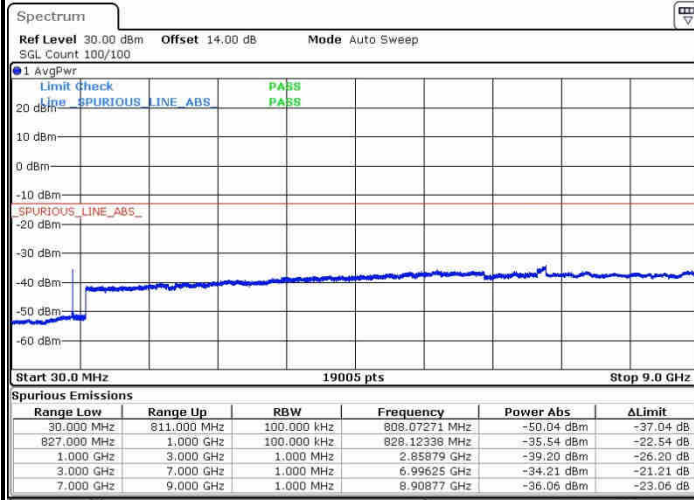


Date: 8-APR-2017 16:18:28



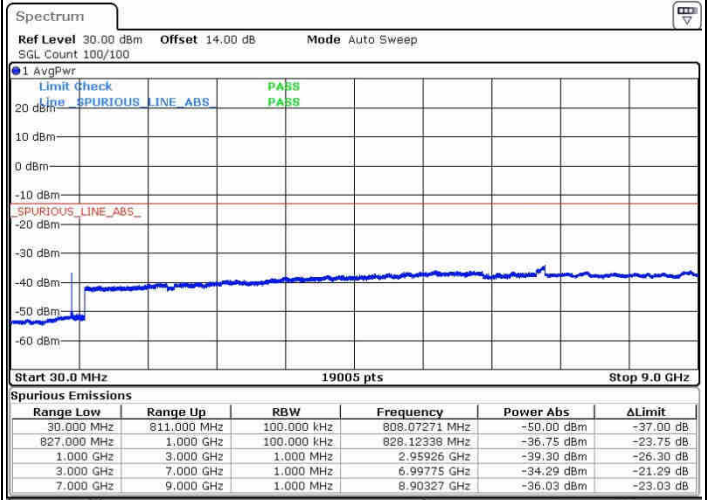
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 15.MAY.2017 10:54:49

Lowest Channel / 16QAM

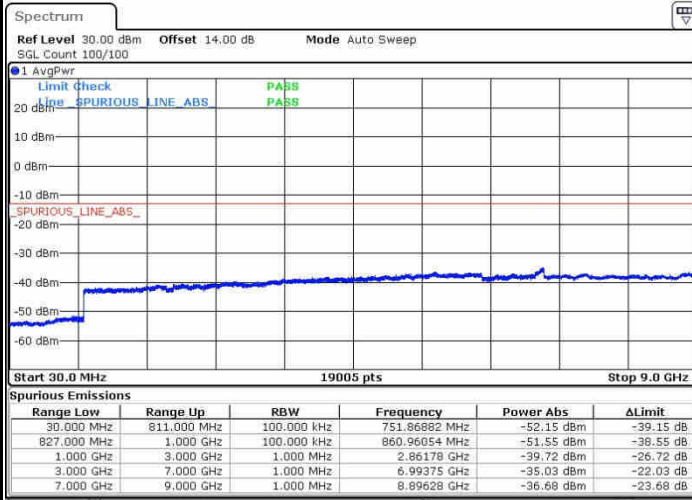


Date: 15.MAY.2017 10:55:46



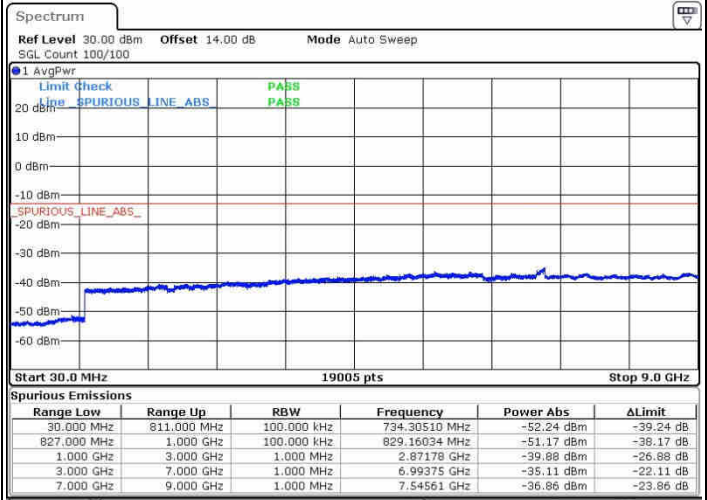
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



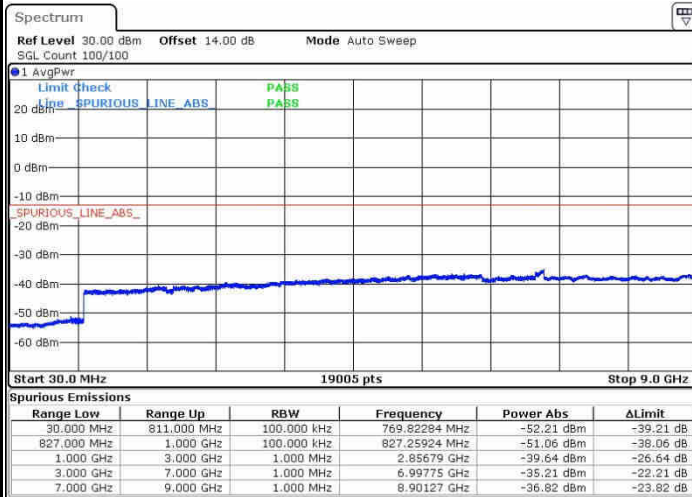
Date: 30.MAY.2017 16:11:54

Middle Channel / 64QAM



Date: 30.MAY.2017 16:12:57

Highest Channel / 64QAM

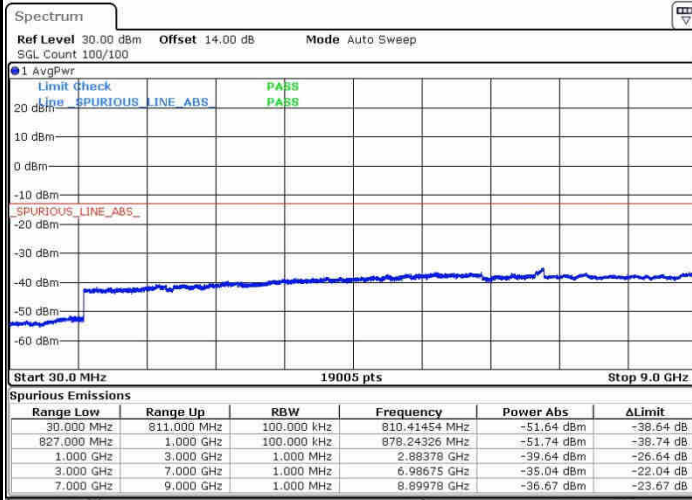


Date: 30.MAY.2017 16:15:10



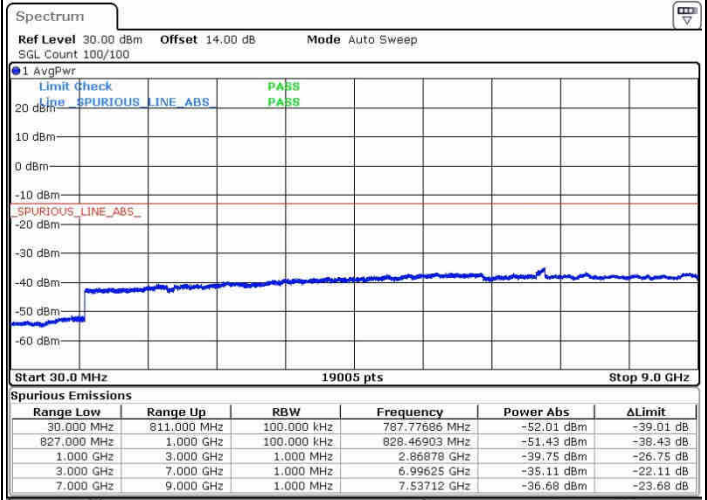
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



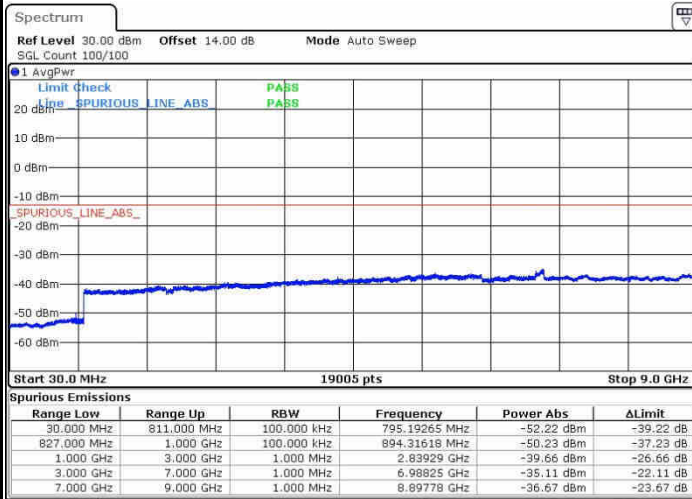
Date: 30.MAY.2017 16:17:48

Middle Channel / 64QAM



Date: 30.MAY.2017 16:18:26

Highest Channel / 64QAM



Date: 30.MAY.2017 16:20:36



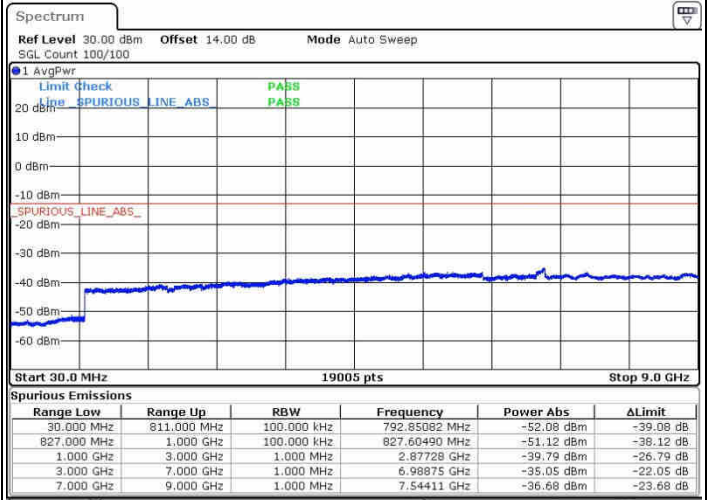
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



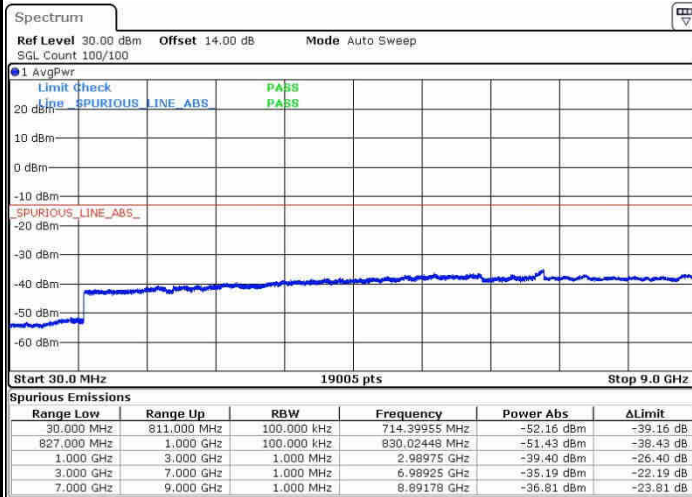
Date: 30.MAY.2017 16:26:42

Middle Channel / 64QAM



Date: 30.MAY.2017 16:27:50

Highest Channel / 64QAM

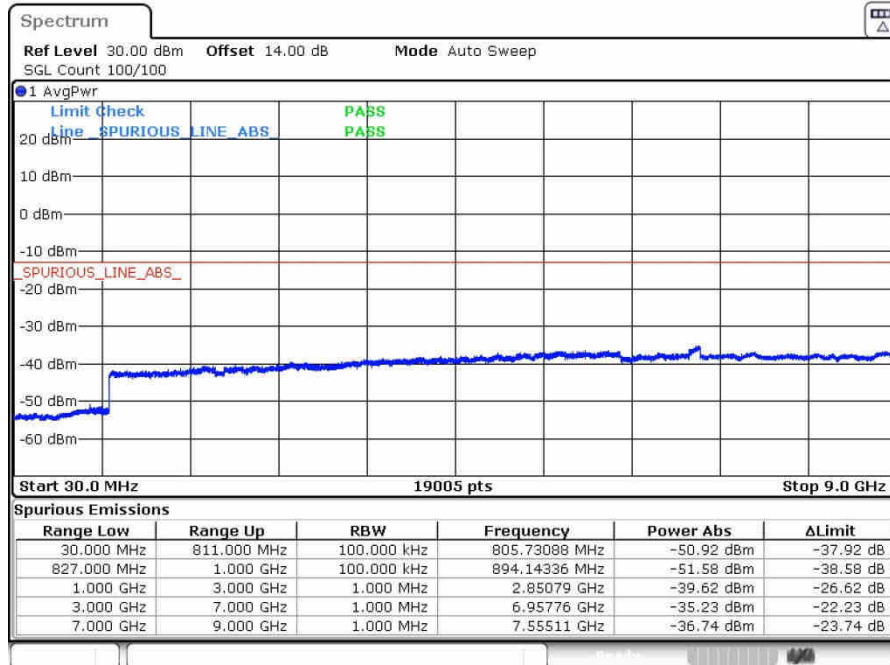


Date: 30.MAY.2017 16:30:09



LTE Band 26 / 10MHz

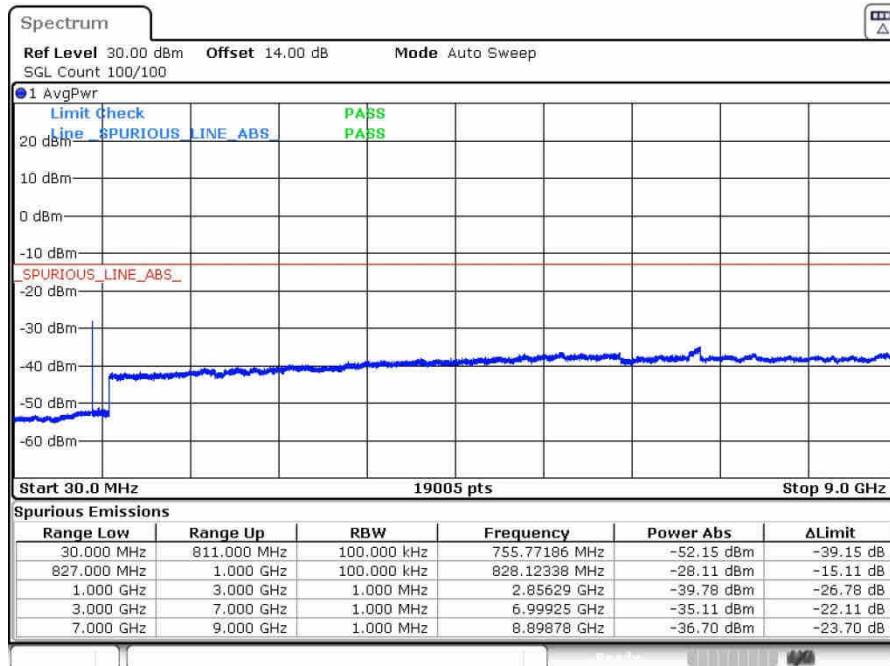
Middle Channel / 64QAM



Date: 30.MAY.2017 16:37:38

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 30.MAY.2017 16:47:17

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0457	PASS
40	Normal Voltage	0.0277	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0217	
-30	Normal Voltage	0.0337	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0301	

Note: Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.



Appendix B. Test Results of Radiated Test

For Top Antenna

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)
Lowest	1628.28	-68.33	-13	-55.33	-75.77	-75.02	0.56	9.40	H
	2442.42	-61.24	-13	-48.24	-72.78	-68.95	0.74	10.60	H
	3256.56	-64.25	-13	-51.25	-77.80	-73.85	0.85	12.60	H
	1628.28	-68.55	-13	-55.55	-76.07	-75.24	0.56	9.40	V
	2442.42	-62.13	-13	-49.13	-73.25	-69.84	0.74	10.60	V
	3256.56	-64.05	-13	-51.05	-77.76	-73.65	0.85	12.60	V
Middle	1636.88	-66.82	-13	-53.82	-74.26	-73.51	0.56	9.40	H
	2455.32	-55.74	-13	-42.74	-67.24	-63.45	0.74	10.60	H
	3273.76	-64.21	-13	-51.21	-77.71	-73.81	0.85	12.60	H
	1636.88	-67.93	-13	-54.93	-75.45	-74.62	0.56	9.40	V
	2455.32	-58.40	-13	-45.40	-69.49	-66.11	0.74	10.60	V
	3273.76	-64.08	-13	-51.08	-77.75	-73.68	0.85	12.60	V
Highest	1645.48	-67.90	-13	-54.90	-75.23	-74.59	0.56	9.40	H
	2468.22	-62.55	-13	-49.55	-74.05	-70.26	0.74	10.60	H
	3290.96	-64.86	-13	-51.86	-78.30	-74.46	0.85	12.60	H
	1645.48	-68.49	-13	-55.49	-75.87	-75.18	0.56	9.40	V
	2468.22	-64.55	-13	-51.55	-75.64	-72.26	0.74	10.60	V
	3290.96	-64.57	-13	-51.57	-78.20	-74.17	0.85	12.60	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)
Lowest	1628.48	-65.79	-13	-52.79	-73.23	-72.48	0.56	9.40	H
	2442.72	-55.80	-13	-42.80	-67.34	-63.51	0.74	10.60	H
	3256.96	-63.77	-13	-50.77	-77.32	-73.37	0.85	12.60	H
	1628.48	-65.78	-13	-52.78	-73.30	-72.47	0.56	9.40	V
	2442.72	-55.67	-13	-42.67	-66.79	-63.38	0.74	10.60	V
	3256.96	-63.69	-13	-50.69	-77.40	-73.29	0.85	12.60	V
Middle	1635.48	-65.86	-13	-52.86	-73.30	-72.55	0.56	9.40	H
	2453.22	-59.53	-13	-46.53	-71.07	-67.24	0.74	10.60	H
	3270.96	-63.51	-13	-50.51	-77.01	-73.11	0.85	12.60	H
	1635.48	-66.28	-13	-53.28	-73.80	-72.97	0.56	9.40	V
	2453.22	-58.38	-13	-45.38	-69.50	-66.09	0.74	10.60	V
	3270.96	-63.29	-13	-50.29	-76.96	-72.89	0.85	12.60	V
Highest	1642.48	-66.48	-13	-53.48	-73.81	-73.17	0.56	9.40	H
	2463.72	-57.65	-13	-44.65	-69.15	-65.36	0.74	10.60	H
	3284.96	-64.58	-13	-51.58	-78.08	-74.18	0.85	12.60	H
	1642.48	-66.48	-13	-53.48	-73.86	-73.17	0.56	9.40	V
	2463.72	-58.17	-13	-45.17	-69.26	-65.88	0.74	10.60	V
	3284.96	-64.42	-13	-51.42	-78.09	-74.02	0.85	12.60	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)
Lowest	1628.68	-69.41	-13	-56.41	-76.85	-76.10	0.56	9.40	H
	2443.02	-66.08	-13	-53.08	-77.62	-73.79	0.74	10.60	H
	3257.36	-64.70	-13	-51.70	-78.25	-74.30	0.85	12.60	H
	1628.68	-69.33	-13	-56.33	-76.85	-76.02	0.56	9.40	V
	2443.02	-66.46	-13	-53.46	-77.58	-74.17	0.74	10.60	V
	3257.36	-64.43	-13	-51.43	-78.14	-74.03	0.85	12.60	V
Middle	1633.68	-67.08	-13	-54.08	-74.52	-73.77	0.56	9.40	H
	2450.52	-56.90	-13	-43.90	-68.44	-64.61	0.74	10.60	H
	3267.36	-64.20	-13	-51.20	-77.75	-73.80	0.85	12.60	H
	1633.68	-66.68	-13	-53.68	-74.20	-73.37	0.56	9.40	V
	2450.52	-57.29	-13	-44.29	-68.41	-65.00	0.74	10.60	V
	3267.36	-64.11	-13	-51.11	-77.82	-73.71	0.85	12.60	V
Highest	1638.68	-69.59	-13	-56.59	-76.92	-76.28	0.56	9.40	H
	2458.02	-66.19	-13	-53.19	-77.69	-73.90	0.74	10.60	H
	3277.36	-65.08	-13	-52.08	-78.58	-74.68	0.85	12.60	H
	1638.68	-69.61	-13	-56.61	-76.99	-76.30	0.56	9.40	V
	2458.02	-66.63	-13	-53.63	-77.72	-74.34	0.74	10.60	V
	3277.36	-64.87	-13	-51.87	-78.54	-74.47	0.85	12.60	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	1629.18	-66.78	-13	-53.78	-74.22	-73.47	0.56	9.40	H
	2443.77	-57.47	-13	-44.47	-69.01	-65.18	0.74	10.60	H
	3258.36	-64.05	-13	-51.05	-77.60	-73.65	0.85	12.60	H
	1629.18	-66.50	-13	-53.50	-74.02	-73.19	0.56	9.40	V
	2443.77	-57.90	-13	-44.90	-69.02	-65.61	0.74	10.60	V
	3258.36	-63.92	-13	-50.92	-77.63	-73.52	0.85	12.60	V

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



For Bottom Antenna

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)
Lowest	1628.14	-70.35	-13	-57.35	-75.91	-74.76	2.84	9.40	H
	2442.21	-69.20	-13	-56.20	-79.62	-73.95	3.7	10.60	H
	3256.28	-65.99	-13	-52.99	-80.75	-72.07	4.37	12.60	H
	1628.14	-71.97	-13	-58.97	-76.68	-76.38	2.84	9.40	V
	2442.21	-69.80	-13	-56.80	-79.63	-74.55	3.70	10.60	V
	3256.28	-67.07	-13	-54.07	-80.64	-73.15	4.37	12.60	V
Middle	1636.74	-70.34	-13	-57.34	-75.90	-74.75	2.84	9.40	H
	2455.11	-68.63	-13	-55.63	-79.05	-73.38	3.7	10.60	H
	3273.48	-65.87	-13	-52.87	-80.63	-71.95	4.37	12.60	H
	1636.74	-71.84	-13	-58.84	-76.55	-76.25	2.84	9.40	V
	2455.11	-69.24	-13	-56.24	-79.07	-73.99	3.70	10.60	V
	3273.48	-66.94	-13	-53.94	-80.51	-73.02	4.37	12.60	V
Highest	1645.34	-70.70	-13	-57.70	-76.26	-75.11	2.84	9.40	H
	2468.01	-68.66	-13	-55.66	-79.08	-73.41	3.7	10.60	H
	3290.68	-65.99	-13	-52.99	-80.75	-72.07	4.37	12.60	H
	1645.34	-71.89	-13	-58.89	-76.60	-76.30	2.84	9.40	V
	2468.01	-69.30	-13	-56.30	-79.13	-74.05	3.70	10.60	V
	3290.68	-67.12	-13	-54.12	-80.69	-73.20	4.37	12.60	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)
Lowest	1628.3	-70.74	-13	-57.74	-76.30	-75.15	2.84	9.40	H
	2442.45	-69.15	-13	-56.15	-79.57	-73.90	3.7	10.60	H
	3256.6	-65.90	-13	-52.90	-80.66	-71.98	4.37	12.60	H
	1628.3	-72.02	-13	-59.02	-76.73	-76.43	2.84	9.40	V
	2442.45	-69.71	-13	-56.71	-79.54	-74.46	3.70	10.60	V
	3256.6	-67.10	-13	-54.10	-80.67	-73.18	4.37	12.60	V
Middle	1635.3	-70.67	-13	-57.67	-76.23	-75.08	2.84	9.40	H
	2452.95	-68.54	-13	-55.54	-78.96	-73.29	3.7	10.60	H
	3270.6	-65.76	-13	-52.76	-80.52	-71.84	4.37	12.60	H
	1635.3	-71.70	-13	-58.70	-76.41	-76.11	2.84	9.40	V
	2452.95	-69.06	-13	-56.06	-78.89	-73.81	3.70	10.60	V
	3270.6	-67.04	-13	-54.04	-80.61	-73.12	4.37	12.60	V
Highest	1642.3	-70.85	-13	-57.85	-76.41	-75.26	2.84	9.40	H
	2463.45	-68.54	-13	-55.54	-78.96	-73.29	3.7	10.60	H
	3284.6	-65.78	-13	-52.78	-80.54	-71.86	4.37	12.60	H
	1642.3	-72.16	-13	-59.16	-76.87	-76.57	2.84	9.40	V
	2463.45	-69.29	-13	-56.29	-79.12	-74.04	3.70	10.60	V
	3284.6	-67.09	-13	-54.09	-80.66	-73.17	4.37	12.60	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)
Lowest	1628.5	-70.74	-13	-57.74	-76.30	-75.15	2.84	9.40	H
	2442.75	-69.04	-13	-56.04	-79.46	-73.79	3.7	10.60	H
	3257	-65.79	-13	-52.79	-80.55	-71.87	4.37	12.60	H
	1628.5	-71.96	-13	-58.96	-76.67	-76.37	2.84	9.40	V
	2442.75	-69.82	-13	-56.82	-79.65	-74.57	3.70	10.60	V
	3257	-67.07	-13	-54.07	-80.64	-73.15	4.37	12.60	V
Middle	1633.5	-70.48	-13	-57.48	-76.04	-74.89	2.84	9.40	H
	2450.25	-68.57	-13	-55.57	-78.99	-73.32	3.7	10.60	H
	3267	-65.68	-13	-52.68	-80.44	-71.76	4.37	12.60	H
	1633.5	-71.87	-13	-58.87	-76.58	-76.28	2.84	9.40	V
	2450.25	-69.14	-13	-56.14	-78.97	-73.89	3.70	10.60	V
	3267	-66.85	-13	-53.85	-80.42	-72.93	4.37	12.60	V
Highest	1638.5	-70.70	-13	-57.70	-76.26	-75.11	2.84	9.40	H
	2457.75	-68.65	-13	-55.65	-79.07	-73.40	3.7	10.60	H
	3277	-65.88	-13	-52.88	-80.64	-71.96	4.37	12.60	H
	1638.5	-72.13	-13	-59.13	-76.84	-76.54	2.84	9.40	V
	2457.75	-69.23	-13	-56.23	-79.06	-73.98	3.70	10.60	V
	3277	-66.97	-13	-53.97	-80.54	-73.05	4.37	12.60	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	1629	-68.46	-13	-55.46	-74.02	-72.87	2.84	9.40	H
	2443.5	-68.30	-13	-55.30	-78.72	-73.05	3.7	10.60	H
	3258	-65.57	-13	-52.57	-80.33	-71.65	4.37	12.60	H
	1629	-71.05	-13	-58.05	-75.76	-75.46	2.84	9.40	V
	2443.5	-69.03	-13	-56.03	-78.86	-73.78	3.70	10.60	V
	3258	-66.85	-13	-53.85	-80.42	-72.93	4.37	12.60	V

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