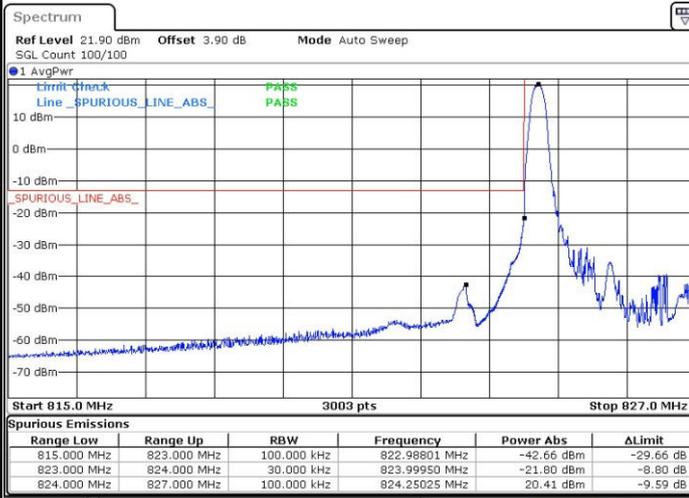




LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



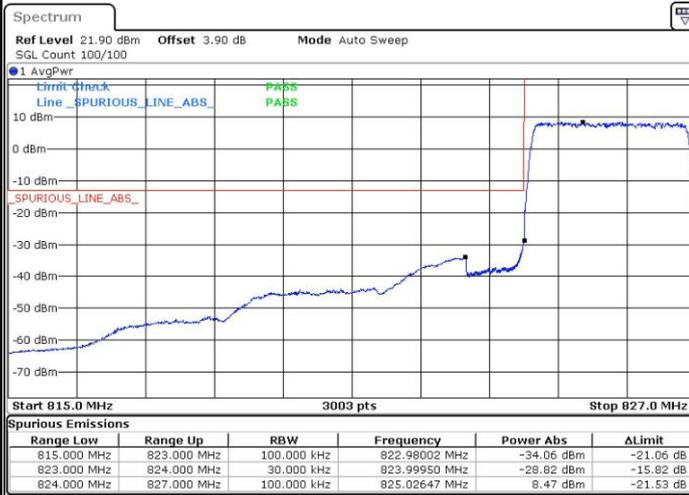
Date: 4 AUG.2016 01:45:02

Highest Band Edge / 1 RB



Date: 4 AUG.2016 02:02:39

Lowest Band Edge / Full RB



Date: 4 AUG.2016 01:51:18

Highest Band Edge / Full RB

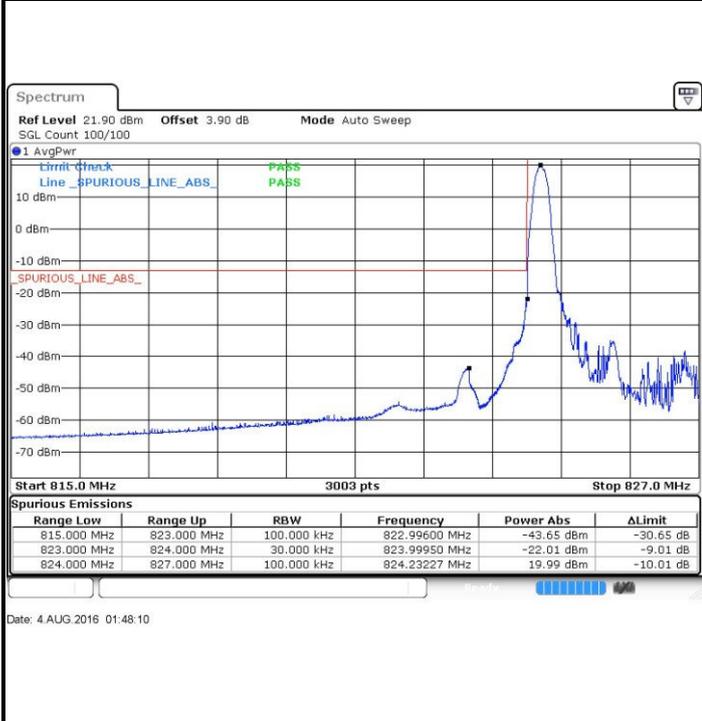


Date: 4 AUG.2016 02:08:55

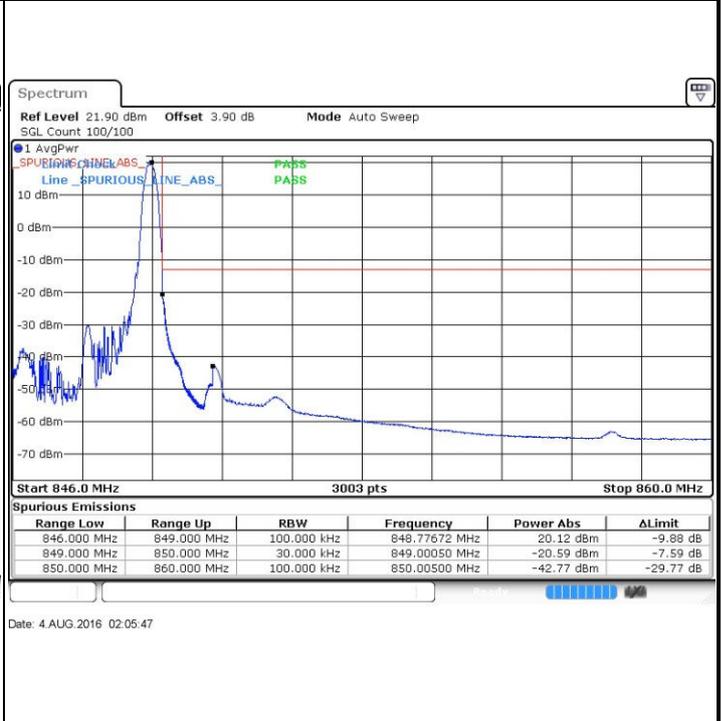


**LTE Band 5 / 3MHz / 16QAM**

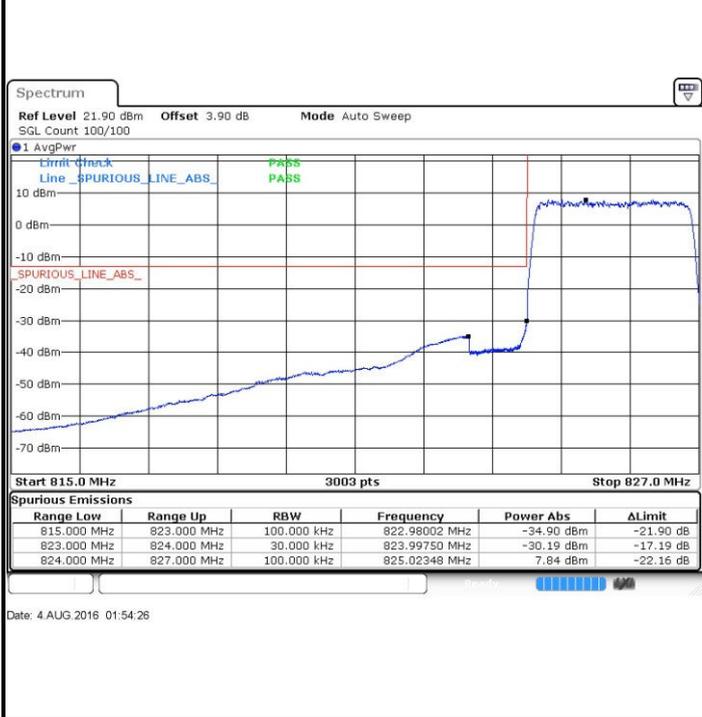
**Lowest Band Edge / 1 RB**



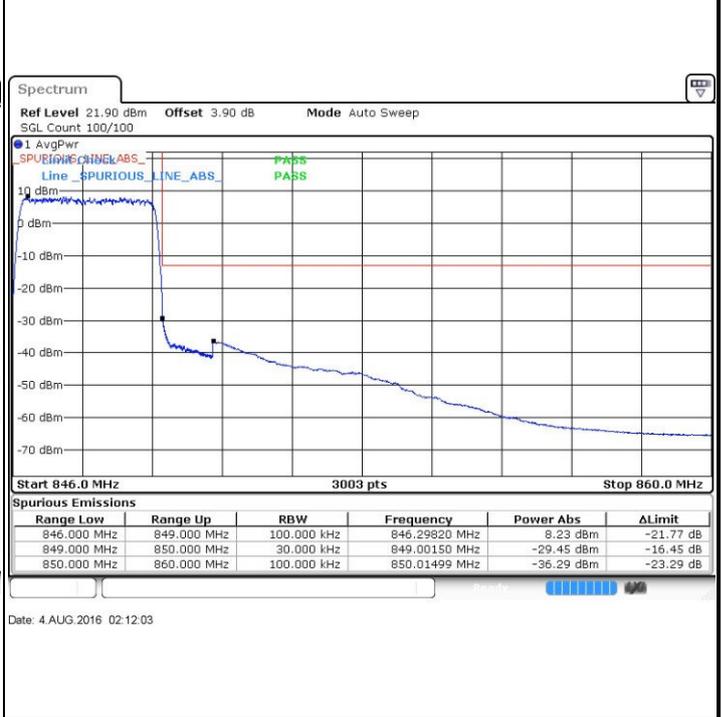
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



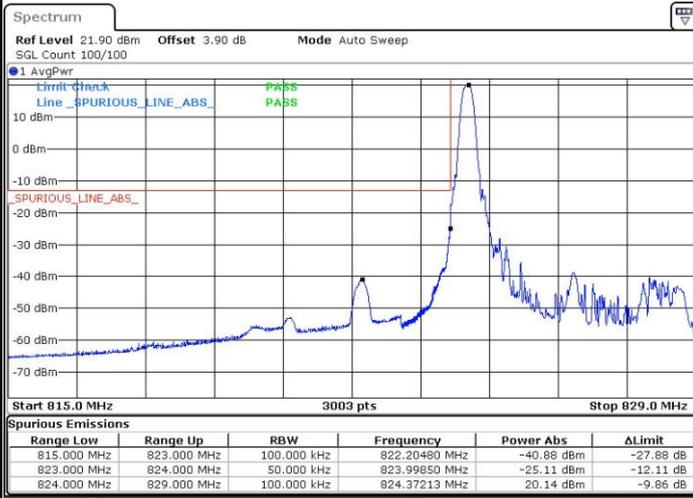
**Highest Band Edge / Full RB**





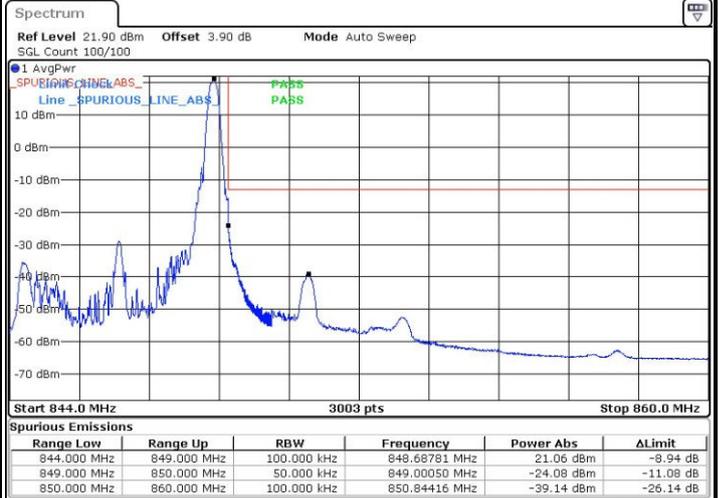
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



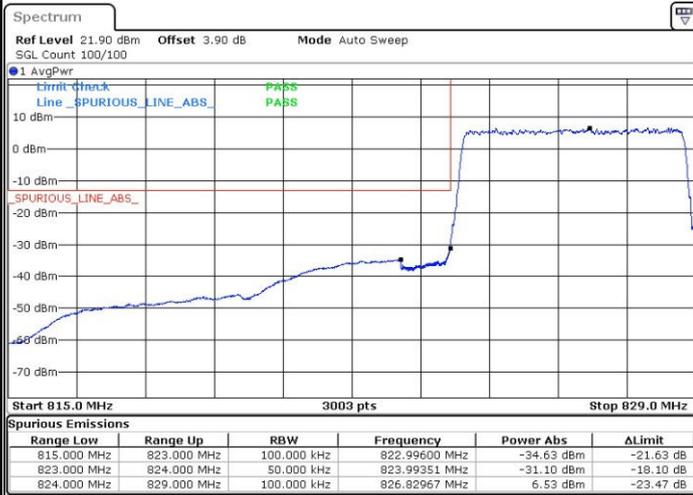
Date: 4 AUG.2016 02:17:43

Highest Band Edge / 1 RB



Date: 4 AUG.2016 02:35:19

Lowest Band Edge / Full RB



Date: 4 AUG.2016 02:23:59

Highest Band Edge / Full RB

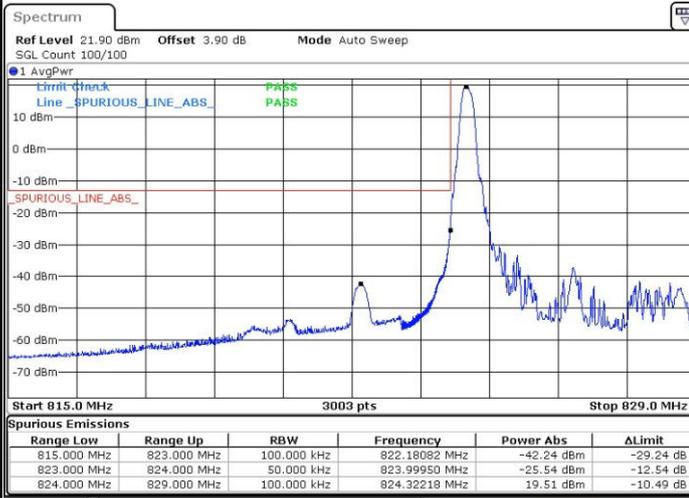


Date: 4 AUG.2016 02:41:35



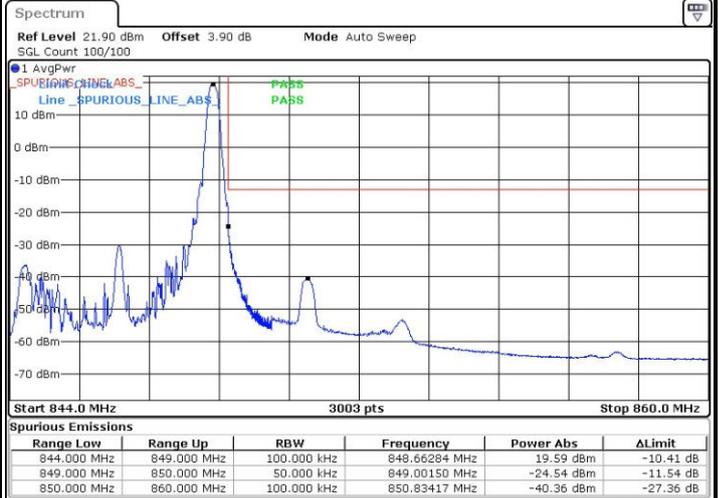
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



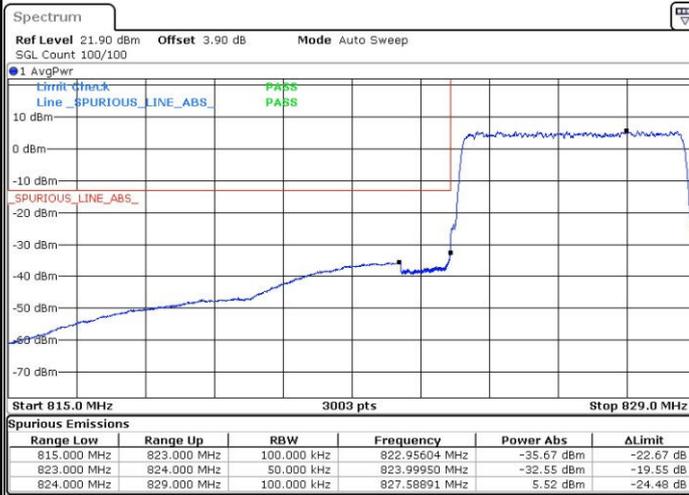
Date: 4 AUG.2016 02:20:51

Highest Band Edge / 1 RB



Date: 4 AUG.2016 02:38:27

Lowest Band Edge / Full RB



Date: 4 AUG.2016 02:27:07

Highest Band Edge / Full RB

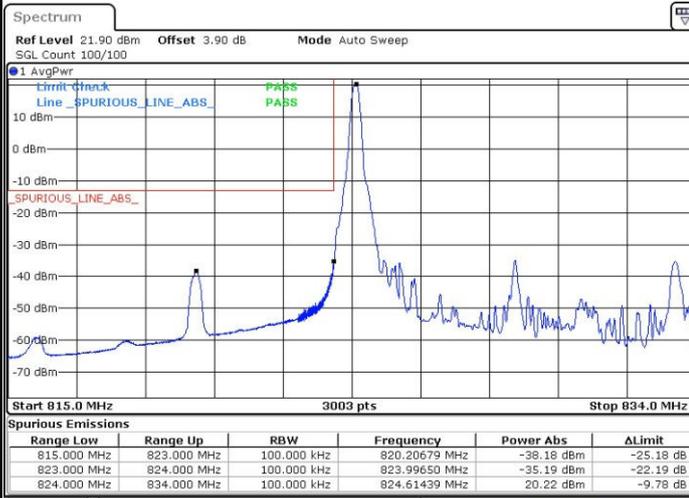


Date: 4 AUG.2016 02:44:43



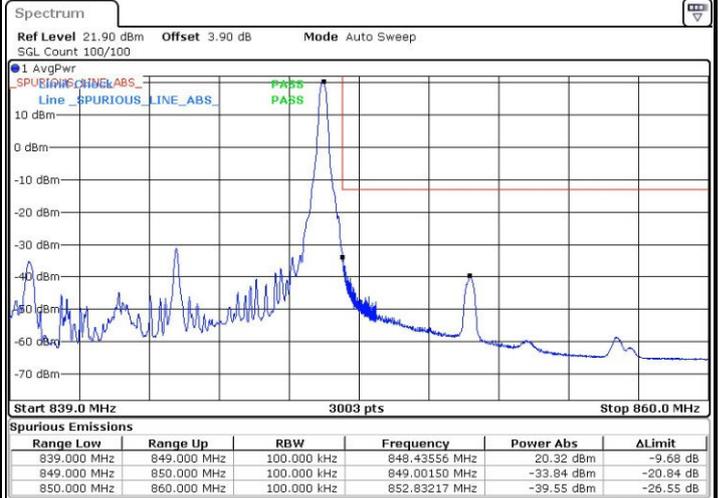
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



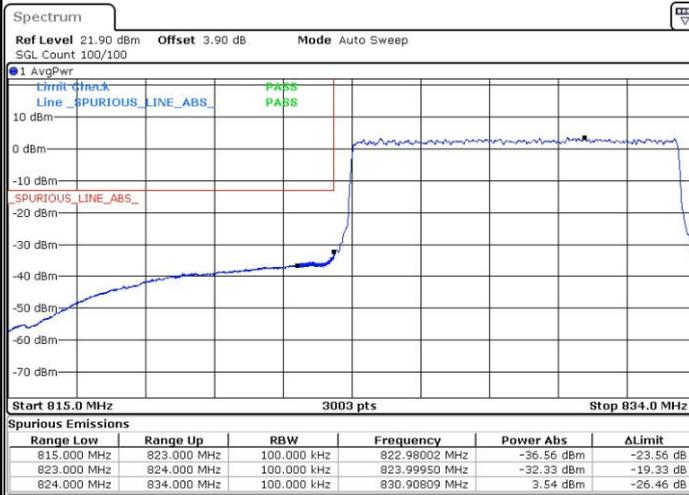
Date: 4 AUG.2016 02:50:24

Highest Band Edge / 1 RB



Date: 4 AUG.2016 03:08:00

Lowest Band Edge / Full RB



Date: 4 AUG.2016 02:56:40

Highest Band Edge / Full RB

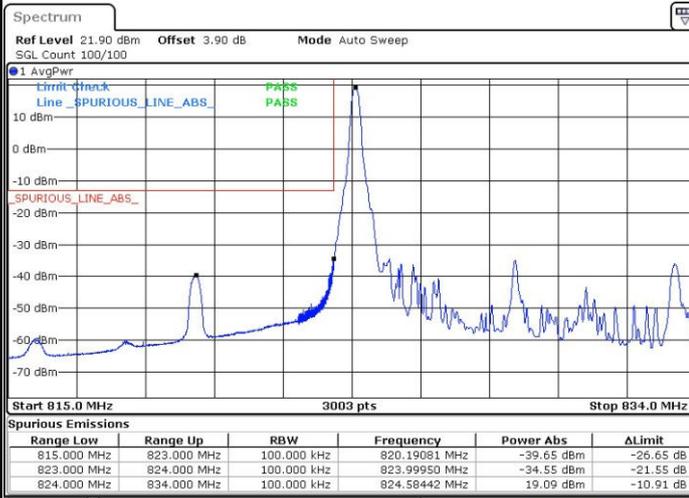


Date: 4 AUG.2016 03:19:24



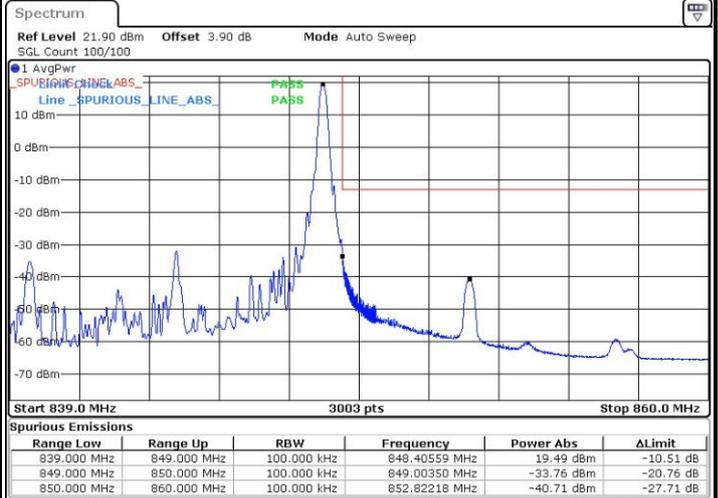
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



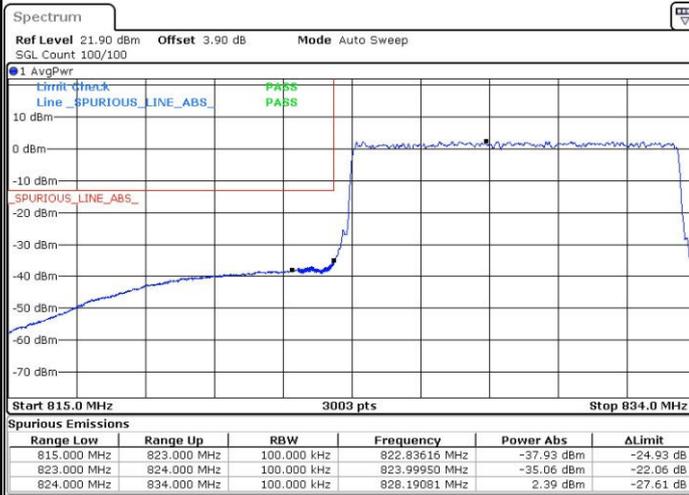
Date: 4 AUG.2016 02:53:32

Highest Band Edge / 1 RB



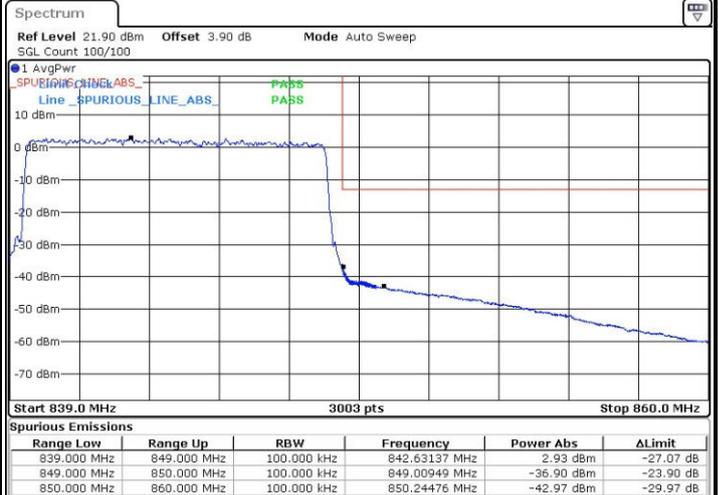
Date: 4 AUG.2016 03:18:09

Lowest Band Edge / Full RB



Date: 4 AUG.2016 02:59:48

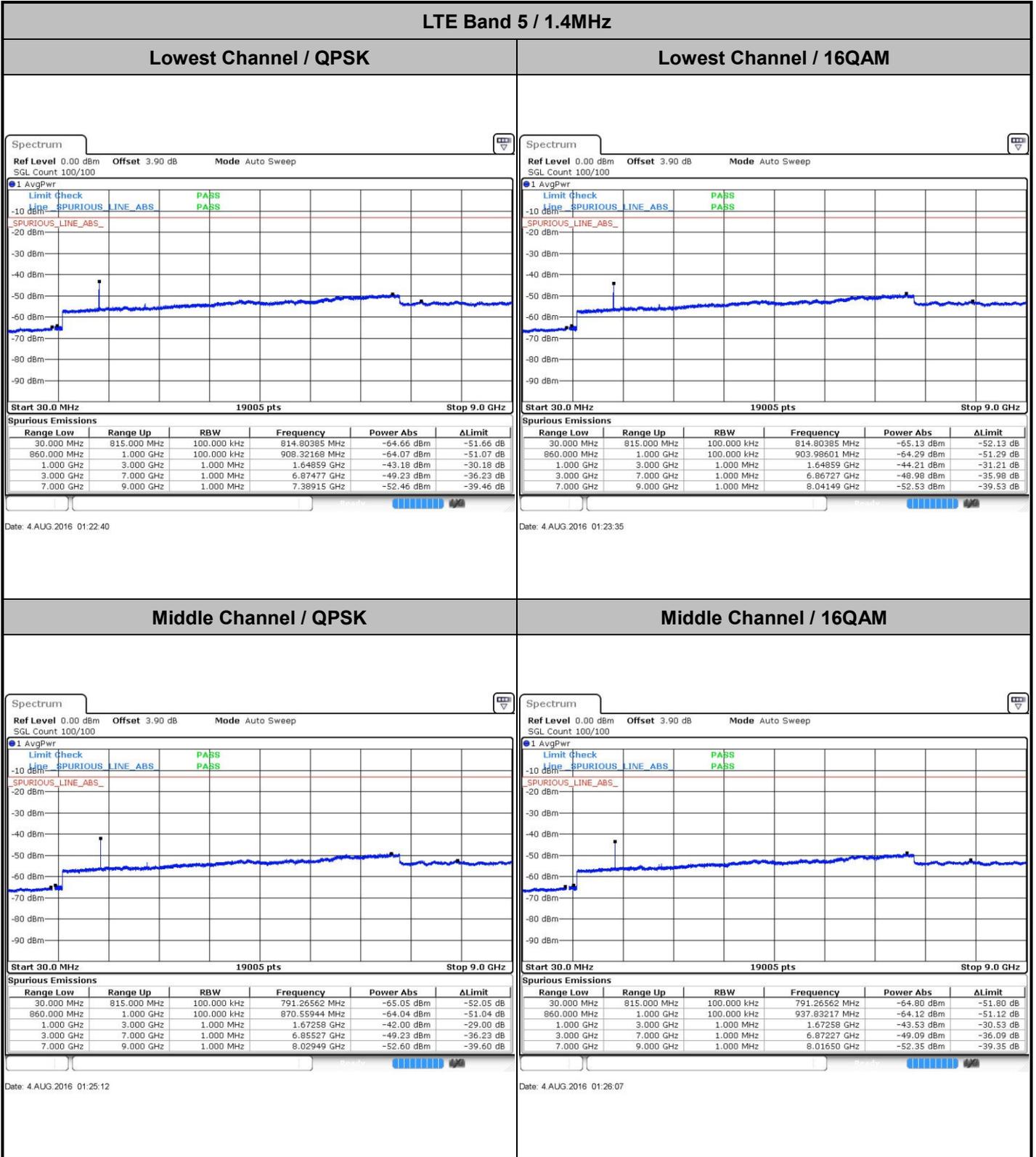
Highest Band Edge / Full RB



Date: 4 AUG.2016 03:18:49



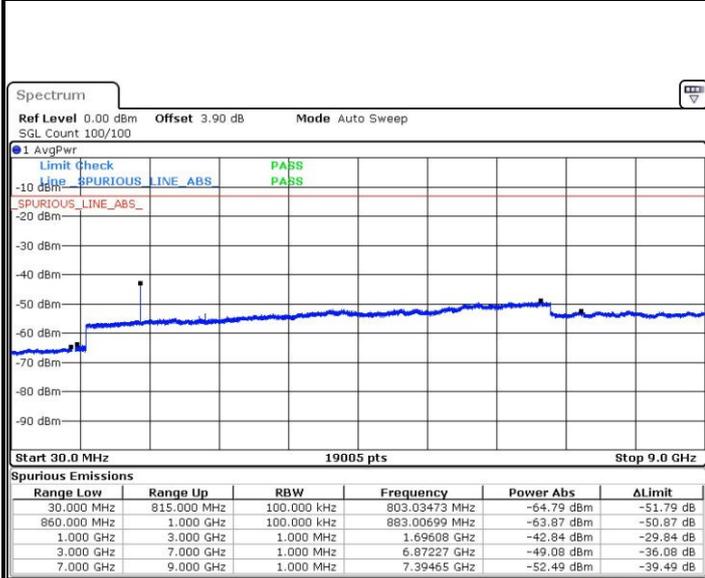
# Conducted Spurious Emission





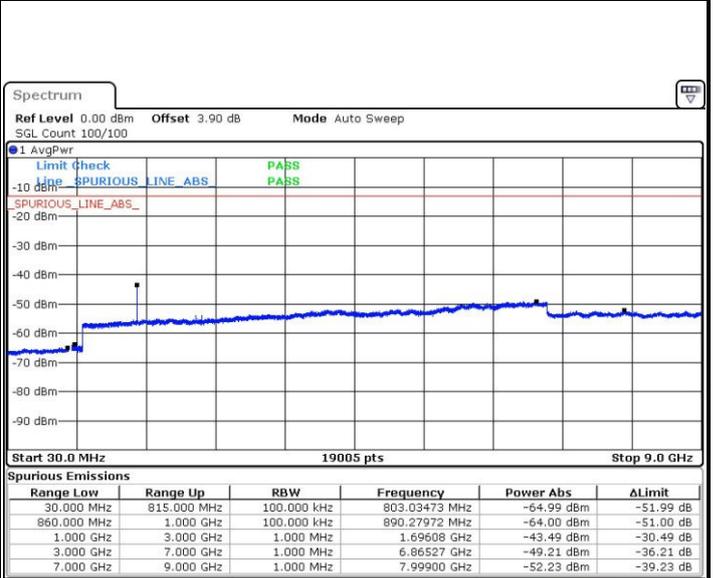
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 4 AUG.2016 01:40:16

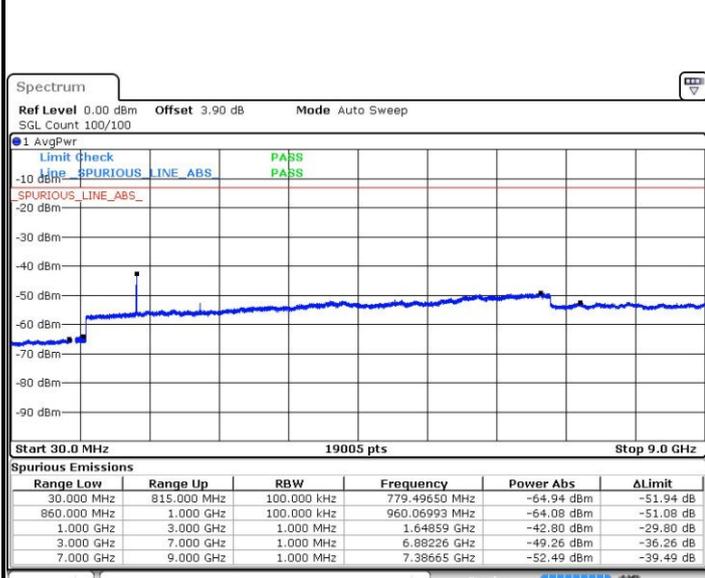
Highest Channel / 16QAM



Date: 4 AUG.2016 01:41:11

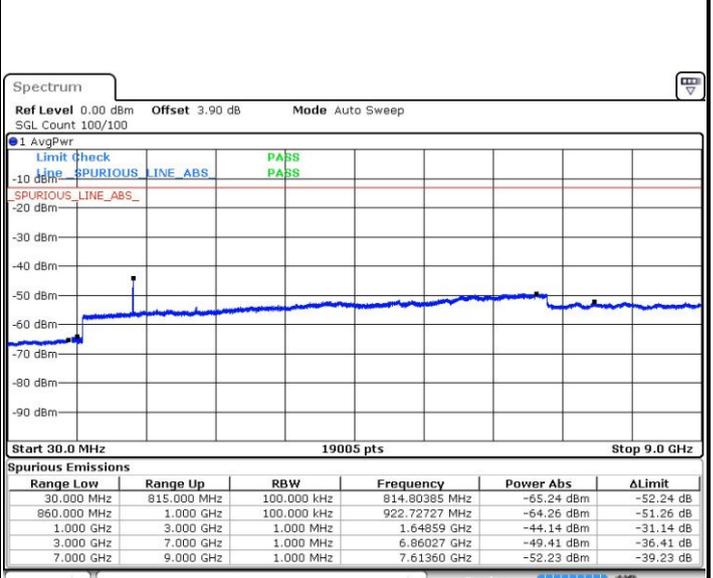
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 4 AUG.2016 01:55:20

Lowest Channel / 16QAM



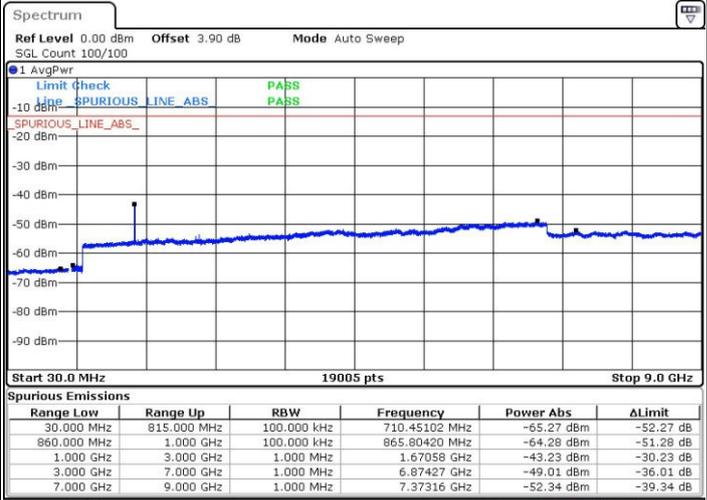
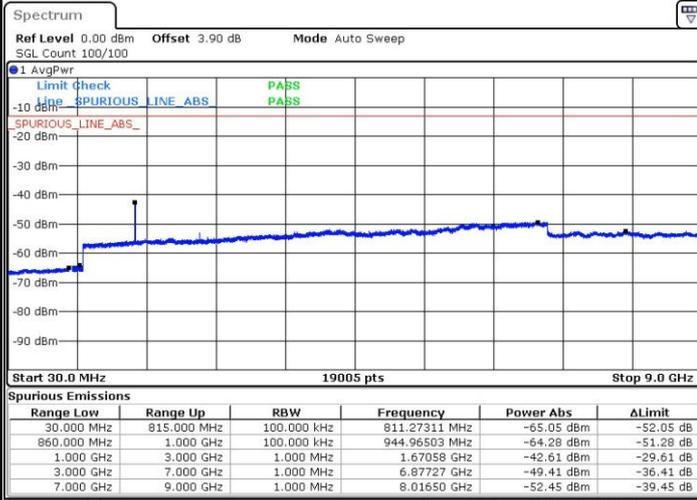
Date: 4 AUG.2016 01:56:15



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

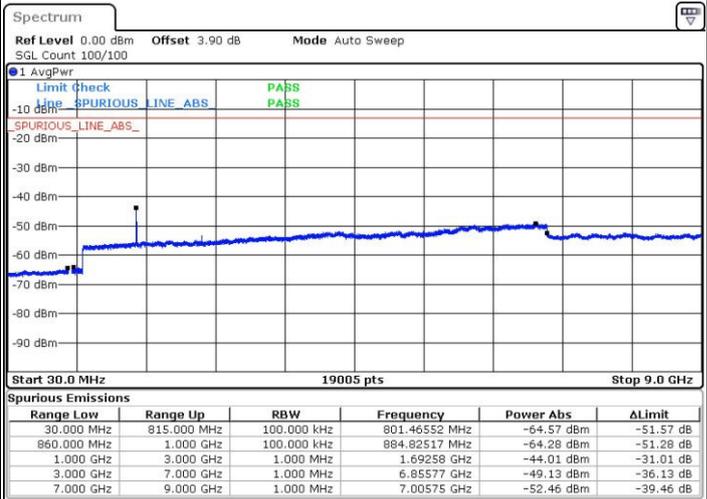
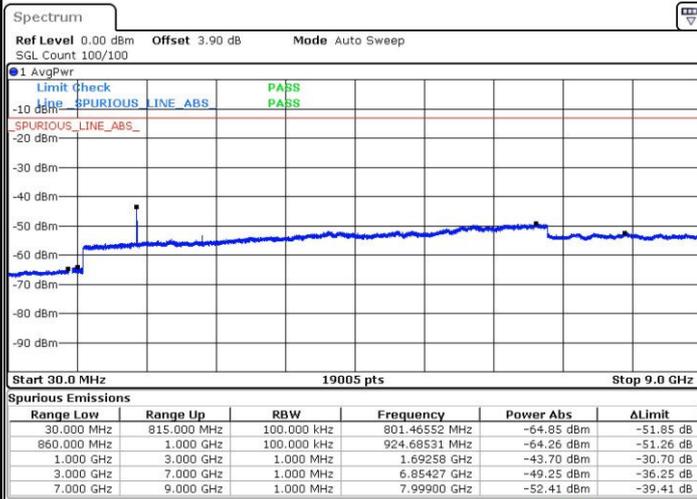


Date: 4 AUG.2016 01:57:53

Date: 4 AUG.2016 01:58:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4 AUG.2016 02:12:57

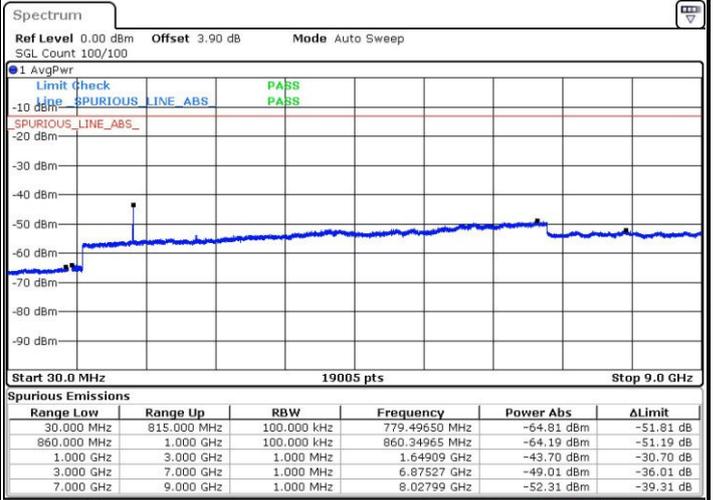
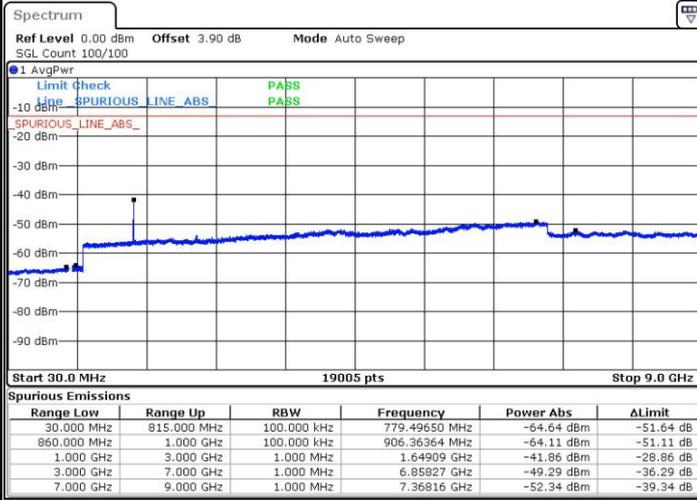
Date: 4 AUG.2016 02:13:52



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

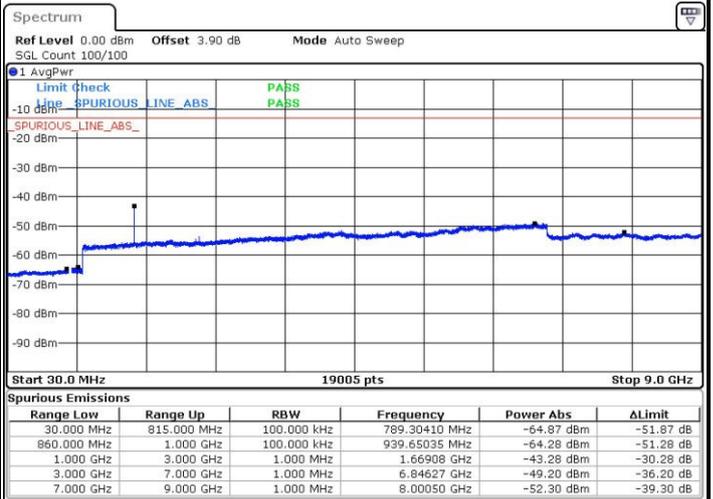
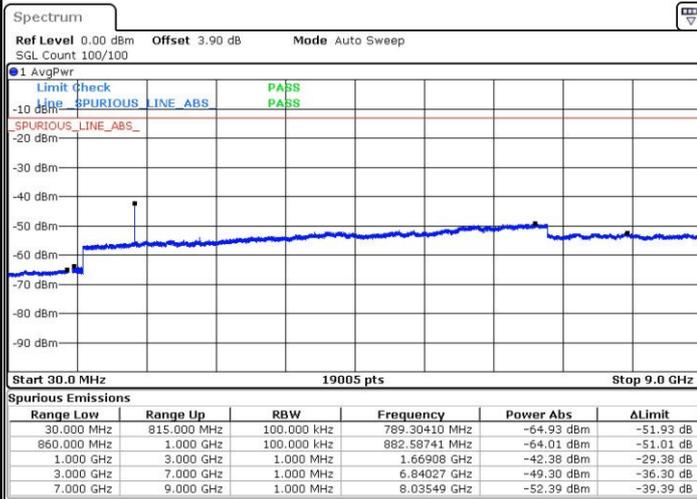


Date: 4 AUG.2016 02:28:01

Date: 4 AUG.2016 02:28:56

Middle Channel / QPSK

Middle Channel / 16QAM



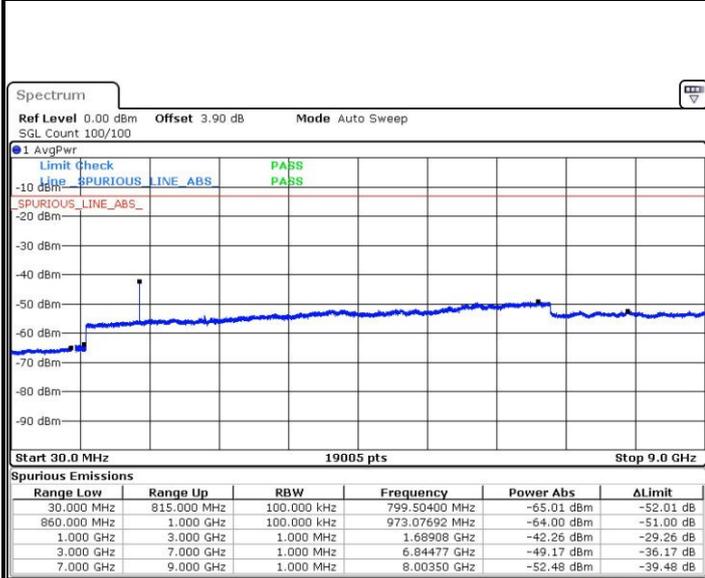
Date: 4 AUG.2016 02:30:33

Date: 4 AUG.2016 02:31:28



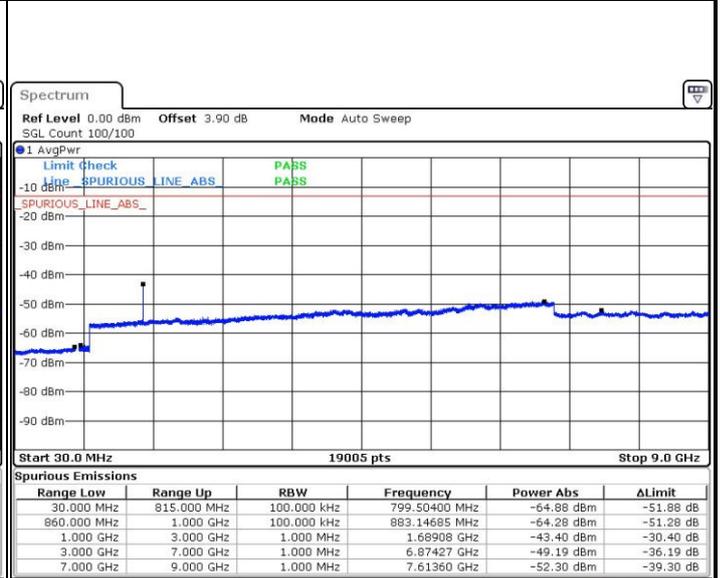
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 4 AUG.2016 02:45:37

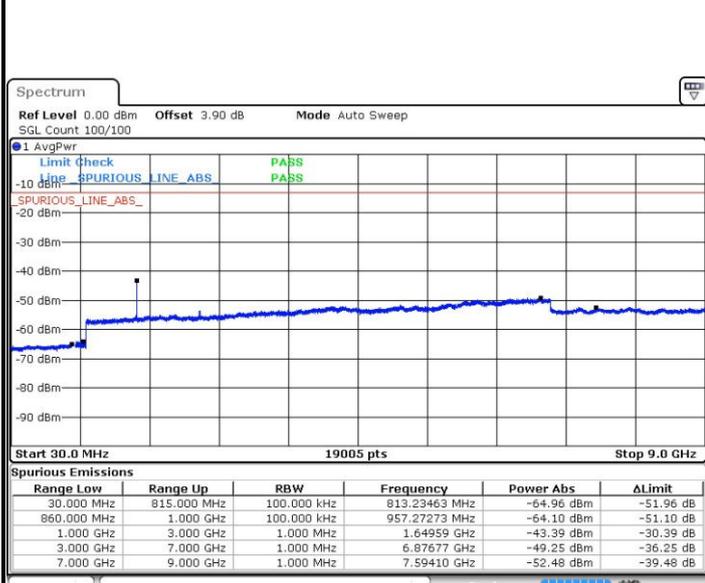
Highest Channel / 16QAM



Date: 4 AUG.2016 02:46:32

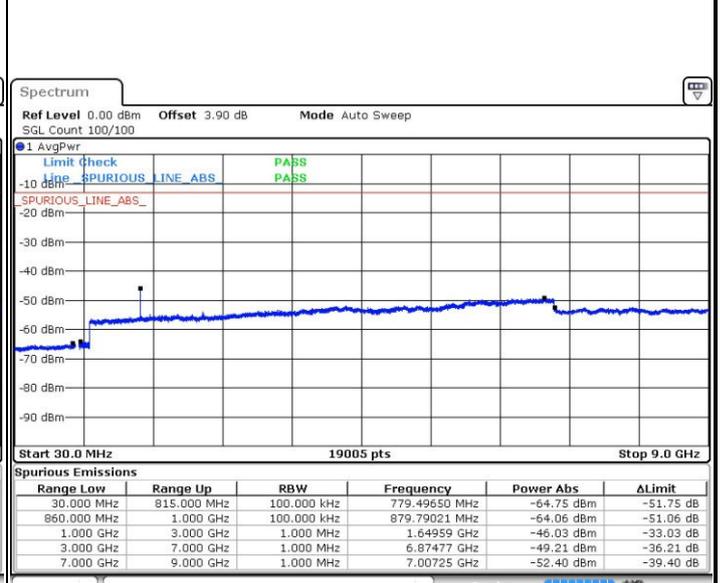
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 4 AUG.2016 03:00:42

Lowest Channel / 16QAM

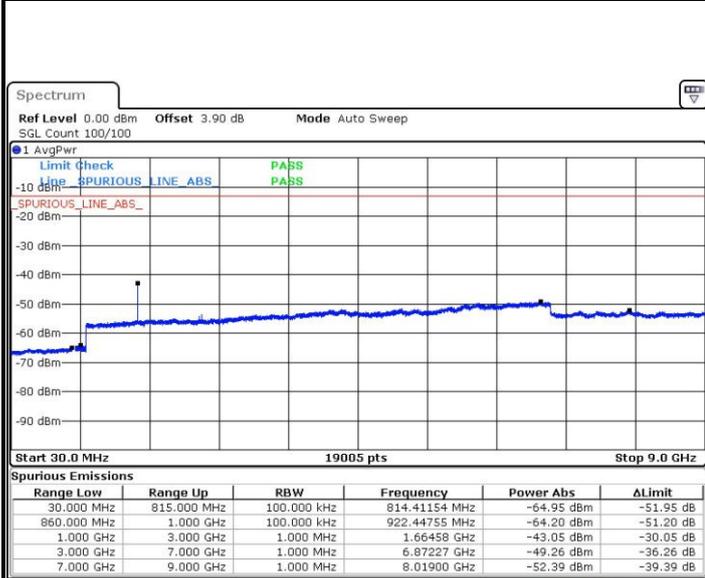


Date: 4 AUG.2016 03:01:37



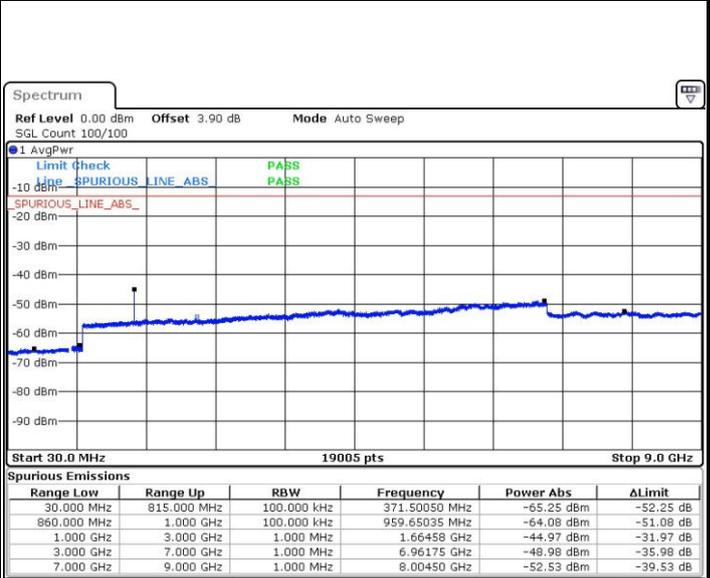
LTE Band 5 / 10MHz

Middle Channel / QPSK



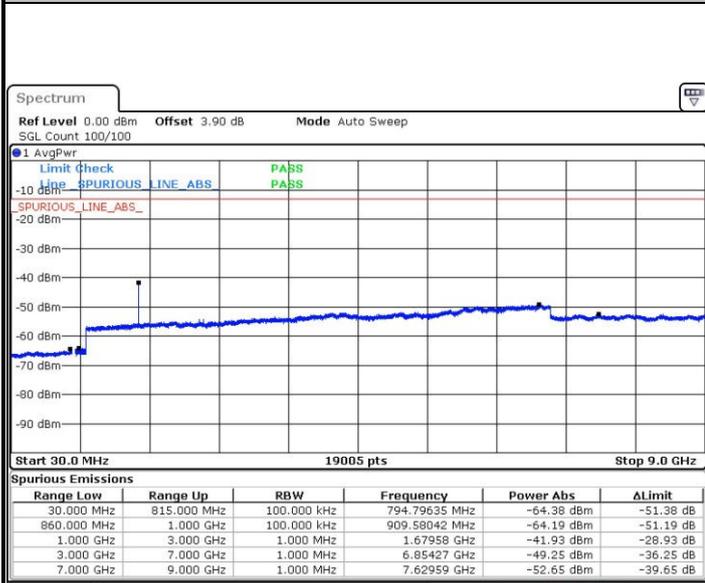
Date: 4 AUG.2016 03:03:14

Middle Channel / 16QAM



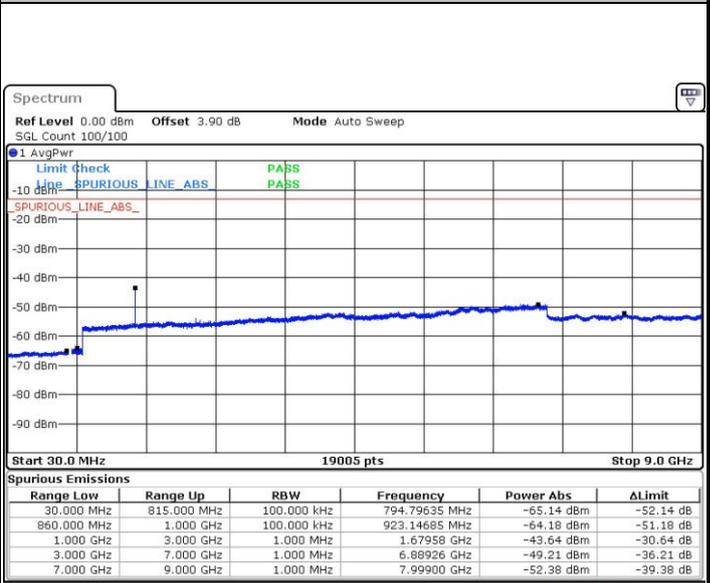
Date: 4 AUG.2016 03:04:09

Highest Channel / QPSK



Date: 4 AUG.2016 03:12:31

Highest Channel / 16QAM



Date: 4 AUG.2016 03:13:26



**Frequency Stability**

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0048	

**Note:** Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.



### Appendix B. Test Results of Radiated Test

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)
Lowest	3700.3	-39.37	-13	-26.37	-53.62	-45.41	6.56	12.60	H
	5550.5	-50.88	-13	-37.88	-66.82	-55.98	8.00	13.10	H
	7400.6	-44.03	-13	-31.03	-62.77	-45.76	9.57	11.30	H
	3700.3	-39.62	-13	-26.62	-54.13	-45.66	6.56	12.60	V
	5550.5	-49.26	-13	-36.26	-66.61	-54.36	8.00	13.10	V
	7400.6	-47.66	-13	-34.66	-66.06	-49.39	9.57	11.30	V
Middle	3758.9	-31.41	-13	-18.41	-47.10	-37.45	6.56	12.60	H
	5638.4	-48.59	-13	-35.59	-64.53	-53.69	8.00	13.10	H
	7517.8	-40.93	-13	-27.93	-59.67	-42.66	9.57	11.30	H
	3758.9	-29.98	-13	-16.98	-46.95	-36.02	6.56	12.60	V
	5638.4	-44.65	-13	-31.65	-62.00	-49.75	8.00	13.10	V
	7517.8	-44.65	-13	-31.65	-63.05	-46.38	9.57	11.30	V
Highest	3817.5	-35.61	-13	-22.61	-50.74	-41.65	6.56	12.60	H
	5726.3	-47.04	-13	-34.04	-62.98	-52.14	8.00	13.10	H
	7635.0	-31.93	-13	-18.93	-53.41	-33.66	9.57	11.30	H
	3817.5	-35.62	-13	-22.62	-50.89	-41.66	6.56	12.60	V
	5726.3	-40.13	-13	-27.13	-57.48	-45.23	8.00	13.10	V
	7635.0	-41.84	-13	-28.84	-60.24	-43.57	9.57	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)
Lowest	3700.5	-38.30	-13	-25.30	-52.95	-44.34	6.56	12.60	H
	5550.7	-51.33	-13	-38.33	-67.27	-56.43	8.00	13.10	H
	7401.0	-42.53	-13	-29.53	-61.27	-44.26	9.57	11.30	H
	3700.5	-38.39	-13	-25.39	-53.03	-44.43	6.56	12.60	V
	5550.7	-47.57	-13	-34.57	-64.92	-52.67	8.00	13.10	V
	7401.0	-47.07	-13	-34.07	-65.47	-48.80	9.57	11.30	V
Middle	3757.5	-34.02	-13	-21.02	-49.39	-40.06	6.56	12.60	H
	5636.2	-48.14	-13	-35.14	-64.08	-53.24	8.00	13.10	H
	7515.0	-39.21	-13	-26.21	-58.03	-40.94	9.57	11.30	H
	3757.5	-33.52	-13	-20.52	-49.23	-39.56	6.56	12.60	V
	5636.2	-43.92	-13	-30.92	-61.27	-49.02	8.00	13.10	V
	7515.0	-44.34	-13	-31.34	-62.74	-46.07	9.57	11.30	V
Highest	3814.5	-32.07	-13	-19.07	-47.77	-38.11	6.56	12.60	H
	5721.7	-45.59	-13	-32.59	-61.53	-50.69	8.00	13.10	H
	7629.0	-31.15	-13	-18.15	-52.77	-32.88	9.57	11.30	H
	3814.5	-33.44	-13	-20.44	-49.16	-39.48	6.56	12.60	V
	5721.7	-38.38	-13	-25.38	-56.21	-43.48	8.00	13.10	V
	7629.0	-41.53	-13	-28.53	-59.93	-43.26	9.57	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)
Lowest	3700.7	-38.15	-13	-25.15	-52.89	-44.19	6.56	12.60	H
	5551.0	-50.96	-13	-37.96	-66.90	-56.06	8.00	13.10	H
	7401.4	-44.00	-13	-31.00	-62.74	-45.73	9.57	11.30	H
	3700.7	-38.20	-13	-25.20	-52.87	-44.24	6.56	12.60	V
	5551.0	-46.17	-13	-33.17	-63.52	-51.27	8.00	13.10	V
	7401.4	-47.10	-13	-34.10	-65.50	-48.83	9.57	11.30	V
Middle	3755.7	-34.38	-13	-21.38	-49.70	-40.42	6.56	12.60	H
	5633.5	-49.00	-13	-36.00	-64.94	-54.10	8.00	13.10	H
	7511.4	-36.94	-13	-23.94	-56.74	-38.67	9.57	11.30	H
	3755.7	-34.39	-13	-21.39	-49.91	-40.43	6.56	12.60	V
	5633.5	-45.27	-13	-32.27	-62.62	-50.37	8.00	13.10	V
	7511.4	-44.87	-13	-31.87	-63.27	-46.60	9.57	11.30	V
Highest	3810.7	-31.15	-13	-18.15	-46.82	-37.19	6.56	12.60	H
	5716.0	-45.55	-13	-32.55	-61.49	-50.65	8.00	13.10	H
	7621.4	-30.21	-13	-17.21	-51.74	-31.94	9.57	11.30	H
	3810.7	-32.11	-13	-19.11	-47.88	-38.15	6.56	12.60	V
	5716.0	-39.44	-13	-26.44	-56.95	-44.54	8.00	13.10	V
	7621.4	-40.20	-13	-27.20	-58.60	-41.93	9.57	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)
Lowest	3701.2	-43.63	-13	-30.63	-57.18	-49.67	6.56	12.60	H
	5551.8	-50.81	-13	-37.81	-66.75	-55.91	8.00	13.10	H
	7402.4	-41.84	-13	-28.84	-60.58	-43.57	9.57	11.30	H
	3701.2	-43.17	-13	-30.17	-56.52	-49.21	6.56	12.60	V
	5551.8	-47.90	-13	-34.90	-65.25	-53.00	8.00	13.10	V
	7402.4	-47.98	-13	-34.98	-66.38	-49.71	9.57	11.30	V
Middle	3751.0	-37.46	-13	-24.46	-52.24	-43.50	6.56	12.60	H
	5626.5	-48.11	-13	-35.11	-64.05	-53.21	8.00	13.10	H
	7502.0	-36.31	-13	-23.31	-56.40	-38.04	9.57	11.30	H
	3751.0	-38.51	-13	-25.51	-53.14	-44.55	6.56	12.60	V
	5626.5	-44.03	-13	-31.03	-61.38	-49.13	8.00	13.10	V
	7502.0	-38.25	-13	-25.25	-57.33	-39.98	9.57	11.30	V
Highest	3801.2	-34.13	-13	-21.13	-49.48	-40.17	6.56	12.60	H
	5701.8	-46.49	-13	-33.49	-62.43	-51.59	8.00	13.10	H
	7602.4	-30.35	-13	-17.35	-51.90	-32.08	9.57	11.30	H
	3801.2	-34.36	-13	-21.36	-49.89	-40.40	6.56	12.60	V
	5701.8	-38.32	-13	-25.32	-56.17	-43.42	8.00	13.10	V
	7602.4	-38.71	-13	-25.71	-57.70	-40.44	9.57	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)
Lowest	3701.7	-39.72	-13	-26.72	-53.99	-45.76	6.56	12.60	H
	5552.5	-50.80	-13	-37.80	-66.74	-55.90	8.00	13.10	H
	7403.4	-42.26	-13	-29.26	-61.00	-43.99	9.57	11.30	H
	3701.7	-39.29	-13	-26.29	-53.83	-45.33	6.56	12.60	V
	5552.5	-47.60	-13	-34.60	-64.95	-52.70	8.00	13.10	V
	7403.4	-47.64	-13	-34.64	-66.04	-49.37	9.57	11.30	V
Middle	3746.7	-37.59	-13	-24.59	-52.38	-43.63	6.56	12.60	H
	5620.0	-48.32	-13	-35.32	-64.26	-53.42	8.00	13.10	H
	7493.4	-37.91	-13	-24.91	-57.52	-39.64	9.57	11.30	H
	3746.7	-36.19	-13	-23.19	-51.41	-42.23	6.56	12.60	V
	5620.0	-42.72	-13	-29.72	-60.07	-47.82	8.00	13.10	V
	7493.4	-44.90	-13	-31.90	-63.30	-46.63	9.57	11.30	V
Highest	3791.7	-29.82	-13	-16.82	-45.71	-35.86	6.56	12.60	H
	5687.5	-49.36	-13	-36.36	-65.30	-54.46	8.00	13.10	H
	7583.4	-34.88	-13	-21.88	-55.32	-36.61	9.57	11.30	H
	3791.7	-29.99	-13	-16.99	-46.91	-36.03	6.56	12.60	V
	5687.5	-43.19	-13	-30.19	-60.54	-48.29	8.00	13.10	V
	7583.4	-43.25	-13	-30.25	-61.65	-44.98	9.57	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)
Lowest	3702.2	-39.29	-13	-26.29	-53.53	-45.33	6.56	12.60	H
	5553.3	-50.68	-13	-37.68	-66.62	-55.78	8.00	13.10	H
	7404.4	-41.93	-13	-28.93	-60.67	-43.66	9.57	11.30	H
	3702.2	-40.20	-13	-27.20	-54.58	-46.24	6.56	12.60	V
	5553.3	-47.60	-13	-34.60	-64.95	-52.70	8.00	13.10	V
	7404.4	-47.55	-13	-34.55	-65.95	-49.28	9.57	11.30	V
Middle	3742.2	-33.14	-13	-20.14	-48.50	-39.18	6.56	12.60	H
	5613.3	-49.38	-13	-36.38	-65.32	-54.48	8.00	13.10	H
	7484.4	-39.96	-13	-26.96	-58.70	-41.69	9.57	11.30	H
	3742.2	-32.63	-13	-19.63	-48.40	-38.67	6.56	12.60	V
	5613.3	-44.84	-13	-31.84	-62.19	-49.94	8.00	13.10	V
	7484.4	-46.12	-13	-33.12	-64.52	-47.85	9.57	11.30	V
Highest	3782.2	-34.61	-13	-21.61	-49.89	-40.65	6.56	12.60	H
	5673.3	-49.74	-13	-36.74	-65.68	-54.84	8.00	13.10	H
	7564.4	-37.34	-13	-24.34	-57.05	-39.07	9.57	11.30	H
	3782.2	-35.90	-13	-22.90	-51.15	-41.94	6.56	12.60	V
	5673.3	-43.64	-13	-30.64	-60.99	-48.74	8.00	13.10	V
	7564.4	-43.63	-13	-30.63	-62.03	-45.36	9.57	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)
Lowest	3420.32	-38.35	-13	-25.35	-53.42	-44.77	6.18	12.60	H
	5130.48	-39.58	-13	-26.58	-57.58	-44.54	7.74	12.70	H
	6840.64	-47.72	-13	-34.72	-66.53	-50.42	9	11.70	H
	3420.32	-41.86	-13	-28.86	-55.01	-48.28	6.18	12.60	V
	5130.48	-37.78	-13	-24.78	-54.58	-42.74	7.74	12.70	V
	6840.64	-50.00	-13	-37.00	-66.71	-52.70	9	11.70	V
Middle	3463.74	-41.46	-13	-28.46	-56.21	-47.88	6.18	12.60	H
	5195.61	-34.45	-13	-21.45	-53.71	-39.41	7.74	12.70	H
	6927.48	-47.77	-13	-34.77	-66.58	-50.47	9	11.70	H
	3463.74	-44.14	-13	-31.14	-56.42	-50.56	6.18	12.60	V
	5195.61	-34.65	-13	-21.65	-52.12	-39.61	7.74	12.70	V
	6927.48	-49.90	-13	-36.90	-66.61	-52.60	9	11.70	V
Highest	3507.52	-36.41	-13	-23.41	-51.95	-42.83	6.18	12.60	H
	5261.28	-34.92	-13	-21.92	-54.09	-39.88	7.74	12.70	H
	7015.04	-46.69	-13	-33.69	-65.50	-49.39	9	11.70	H
	3507.52	-42.19	-13	-29.19	-55.23	-48.61	6.18	12.60	V
	5261.28	-33.54	-13	-20.54	-51.15	-38.50	7.74	12.70	V
	7015.04	-48.43	-13	-35.43	-65.14	-51.13	9	11.70	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)
Lowest	3420.48	-35.91	-13	-22.91	-51.58	-42.33	6.18	12.60	H
	5130.72	-38.16	-13	-25.16	-56.16	-43.12	7.74	12.70	H
	6840.96	-47.46	-13	-34.46	-66.27	-50.16	9	11.70	H
	3420.48	-39.65	-13	-26.65	-53.37	-46.07	6.18	12.60	V
	5130.72	-38.61	-13	-25.61	-55	-43.57	7.74	12.70	V
	6840.96	-50.12	-13	-37.12	-66.83	-52.82	9	11.70	V
Middle	3462.48	-38.80	-13	-25.80	-53.67	-45.22	6.18	12.60	H
	5193.72	-33.19	-13	-20.19	-52.82	-38.15	7.74	12.70	H
	6924.96	-47.48	-13	-34.48	-66.29	-50.18	9	11.70	H
	3462.48	-43.25	-13	-30.25	-55.81	-49.67	6.18	12.60	V
	5193.72	-35.22	-13	-22.22	-52.64	-40.18	7.74	12.70	V
	6924.96	-48.52	-13	-35.52	-65.23	-51.22	9	11.70	V
Highest	3504.48	-33.60	-13	-20.60	-49.54	-40.02	6.18	12.60	H
	5256.72	-31.98	-13	-18.98	-51.76	-36.94	7.74	12.70	H
	7008.96	-45.98	-13	-32.98	-64.79	-48.68	9	11.70	H
	3504.48	-37.94	-13	-24.94	-52.17	-44.36	6.18	12.60	V
	5256.72	-34.73	-13	-21.73	-52.2	-39.69	7.74	12.70	V
	7008.96	-48.58	-13	-35.58	-65.29	-51.28	9	11.70	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)
Lowest	3420.68	-40.25	-13	-27.25	-55.00	-46.67	6.18	12.60	H
	5131.02	-42.59	-13	-29.59	-60.59	-47.55	7.74	12.70	H
	6841.36	-47.76	-13	-34.76	-66.57	-50.46	9	11.70	H
	3420.68	-40.03	-13	-27.03	-53.86	-46.45	6.18	12.60	V
	5131.02	-42.20	-13	-29.20	-56.95	-47.16	7.74	12.70	V
	6841.36	-49.90	-13	-36.90	-66.61	-52.60	9	11.70	V
Middle	3460.68	-42.59	-13	-29.59	-57.34	-49.01	6.18	12.60	H
	5191.02	-37.15	-13	-24.15	-55.66	-42.11	7.74	12.70	H
	6921.36	-46.36	-13	-33.36	-65.17	-49.06	9	11.70	H
	3460.68	-39.38	-13	-26.38	-53.01	-45.80	6.18	12.60	V
	5191.02	-30.47	-13	-17.47	-48.61	-35.43	7.74	12.70	V
	6921.36	-48.77	-13	-35.77	-65.48	-51.47	9	11.70	V
Highest	3500.68	-38.71	-13	-25.71	-53.62	-45.13	6.18	12.60	H
	5251.02	-40.45	-13	-27.45	-58.45	-45.41	7.74	12.70	H
	7001.36	-47.04	-13	-34.04	-65.85	-49.74	9	11.70	H
	3500.68	-39.63	-13	-26.63	-53.34	-46.05	6.18	12.60	V
	5251.02	-36.24	-13	-23.24	-53.41	-41.20	7.74	12.70	V
	7001.36	-49.21	-13	-36.21	-65.92	-51.91	9	11.70	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)
Lowest	3421.18	-36.93	-13	-23.93	-52.32	-43.35	6.18	12.60	H
	5131.77	-39.54	-13	-26.54	-57.54	-44.50	7.74	12.70	H
	6842.36	-47.17	-13	-34.17	-65.98	-49.87	9	11.70	H
	3421.18	-39.34	-13	-26.34	-52.97	-45.76	6.18	12.60	V
	5131.77	-37.65	-13	-24.65	-54.45	-42.61	7.74	12.70	V
	6842.36	-50.22	-13	-37.22	-66.93	-52.92	9	11.70	V
Middle	3456.18	-40.66	-13	-27.66	-55.41	-47.08	6.18	12.60	H
	5184.27	-36.65	-13	-23.65	-55.32	-41.61	7.74	12.70	H
	6912.36	-45.41	-13	-32.41	-64.22	-48.11	9	11.70	H
	3456.18	-41.90	-13	-28.90	-55.05	-48.32	6.18	12.60	V
	5184.27	-35.96	-13	-22.96	-53.25	-40.92	7.74	12.70	V
	6912.36	-49.73	-13	-36.73	-66.44	-52.43	9	11.70	V
Highest	3491.18	-38.39	-13	-25.39	-53.44	-44.81	6.18	12.60	H
	5236.77	-39.55	-13	-26.55	-57.55	-44.51	7.74	12.70	H
	6982.36	-46.21	-13	-33.21	-65.02	-48.91	9	11.70	H
	3491.18	-39.42	-13	-26.42	-53.07	-45.84	6.18	12.60	V
	5236.77	-40.61	-13	-27.61	-56.46	-45.57	7.74	12.70	V
	6982.36	-49.47	-13	-36.47	-66.18	-52.17	9	11.70	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)
Lowest	3421.68	-40.23	-13	-27.23	-54.98	-46.65	6.18	12.60	H
	5132.52	-39.90	-13	-26.90	-57.90	-44.86	7.74	12.70	H
	6843.36	-47.58	-13	-34.58	-66.39	-50.28	9	11.70	H
	3421.68	-39.27	-13	-26.27	-52.87	-45.69	6.18	12.60	V
	5132.52	-37.45	-13	-24.45	-54.26	-42.41	7.74	12.70	V
	6843.36	-49.59	-13	-36.59	-66.3	-52.29	9	11.70	V
Middle	3451.68	-41.47	-13	-28.47	-56.22	-47.89	6.18	12.60	H
	5177.52	-34.45	-13	-21.45	-53.71	-39.41	7.74	12.70	H
	6903.36	-46.77	-13	-33.77	-65.58	-49.47	9	11.70	H
	3451.68	-41.56	-13	-28.56	-54.75	-47.98	6.18	12.60	V
	5177.52	-34.54	-13	-21.54	-52.01	-39.50	7.74	12.70	V
	6903.36	-47.95	-13	-34.95	-64.66	-50.65	9	11.70	V
Highest	3481.68	-40.62	-13	-27.62	-55.37	-47.04	6.18	12.60	H
	5222.52	-39.20	-13	-26.20	-57.20	-44.16	7.74	12.70	H
	6963.36	-47.61	-13	-34.61	-66.42	-50.31	9	11.70	H
	3481.68	-41.86	-13	-28.86	-55.01	-48.28	6.18	12.60	V
	5222.52	-39.76	-13	-26.76	-55.93	-44.72	7.74	12.70	V
	6963.36	-49.67	-13	-36.67	-66.38	-52.37	9	11.70	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)
Lowest	3422.18	-37.25	-13	-24.25	-52.59	-43.67	6.18	12.60	H
	5133.27	-38.60	-13	-25.60	-56.60	-43.56	7.74	12.70	H
	6844.36	-47.73	-13	-34.73	-66.54	-50.43	9	11.70	H
	3422.18	-38.23	-13	-25.23	-52.29	-44.65	6.18	12.60	V
	5133.27	-38.85	-13	-25.85	-55.08	-43.81	7.74	12.70	V
	6844.36	-49.93	-13	-36.93	-66.64	-52.63	9	11.70	V
Middle	3447.18	-40.40	-13	-27.40	-55.15	-46.82	6.18	12.60	H
	5170.77	-38.00	-13	-25.00	-56.00	-42.96	7.74	12.70	H
	6894.36	-46.97	-13	-33.97	-65.78	-49.67	9	11.70	H
	3447.18	-39.90	-13	-26.90	-53.69	-46.32	6.18	12.60	V
	5170.77	-38.44	-13	-25.44	-54.94	-43.40	7.74	12.70	V
	6894.36	-49.74	-13	-36.74	-66.45	-52.44	9	11.70	V
Highest	3472.18	-44.01	-13	-31.01	-58.76	-50.43	6.18	12.60	H
	5208.27	-36.67	-13	-23.67	-55.34	-41.63	7.74	12.70	H
	6944.36	-46.74	-13	-33.74	-65.55	-49.44	9	11.70	H
	3472.18	-46.27	-13	-33.27	-57.71	-52.69	6.18	12.60	V
	5208.27	-38.00	-13	-25.00	-54.79	-42.96	7.74	12.70	V
	6944.36	-48.93	-13	-35.93	-65.64	-51.63	9	11.70	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)
Lowest	1649.92	-59.02	-13	-46.02	-61.85	-65.71	0.56	9.40	H
	2474.88	-58.92	-13	-45.92	-64.66	-66.63	0.74	10.60	H
	3299.84	-55.23	-13	-42.23	-64.04	-64.83	0.85	12.60	H
	1649.92	-58.86	-13	-45.86	-60.52	-65.55	0.56	9.40	V
	2474.88	-57.21	-13	-44.21	-62.79	-64.92	0.74	10.60	V
	3299.84	-54.39	-13	-41.39	-62.53	-63.99	0.85	12.60	V
Middle	1671.92	-59.57	-13	-46.57	-62.40	-66.26	0.56	9.40	H
	2507.88	-58.15	-13	-45.15	-63.89	-65.86	0.74	10.60	H
	3343.84	-55.77	-13	-42.77	-64.58	-65.37	0.85	12.60	H
	1671.92	-59.94	-13	-46.94	-61.60	-66.63	0.56	9.40	V
	2507.88	-56.84	-13	-43.84	-62.42	-64.55	0.74	10.60	V
	3343.84	-56.02	-13	-43.02	-64.16	-65.62	0.85	12.60	V
Highest	1695.52	-57.40	-13	-44.40	-60.23	-64.09	0.56	9.40	H
	2543.28	-58.12	-13	-45.12	-63.86	-65.83	0.74	10.60	H
	3391.04	-53.44	-13	-40.44	-62.25	-63.04	0.85	12.60	H
	1695.52	-57.09	-13	-44.09	-58.75	-63.78	0.56	9.40	V
	2543.28	-56.76	-13	-43.76	-62.34	-64.47	0.74	10.60	V
	3391.04	-54.12	-13	-41.12	-62.26	-63.72	0.85	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)
Lowest	1648.48	-57.52	-13	-44.52	-60.35	-64.21	0.56	9.40	H
	2472.72	-52.18	-13	-39.18	-57.92	-59.89	0.74	10.60	H
	3296.96	-53.34	-13	-40.34	-62.15	-62.94	0.85	12.60	H
	1648.48	-59.09	-13	-46.09	-60.75	-65.78	0.56	9.40	V
	2472.72	-52.00	-13	-39.00	-57.90	-59.71	0.74	10.60	V
	3296.96	-55.24	-13	-42.24	-63.38	-64.84	0.85	12.60	V
Middle	1670.48	-56.53	-13	-43.53	-59.36	-63.22	0.56	9.40	H
	2505.72	-53.57	-13	-40.57	-59.31	-61.28	0.74	10.60	H
	3340.96	-57.13	-13	-44.13	-65.94	-66.73	0.85	12.60	H
	1670.48	-57.91	-13	-44.91	-59.57	-64.60	0.56	9.40	V
	2505.72	-51.04	-13	-38.04	-56.87	-58.75	0.74	10.60	V
	3340.96	-56.34	-13	-43.34	-64.48	-65.94	0.85	12.60	V
Highest	1692.48	-53.90	-13	-40.90	-56.74	-60.59	0.56	9.40	H
	2538.72	-48.59	-13	-35.59	-55.66	-56.30	0.74	10.60	H
	3384.96	-54.27	-13	-41.27	-63.08	-63.87	0.85	12.60	H
	1692.48	-56.30	-13	-43.30	-57.96	-62.99	0.56	9.40	V
	2538.72	-49.40	-13	-36.40	-55.95	-57.11	0.74	10.60	V
	3384.96	-55.82	-13	-42.82	-63.96	-65.42	0.85	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)
Lowest	1648.68	-59.12	-13	-46.12	-61.95	-65.81	0.56	9.40	H
	2473.02	-54.63	-13	-41.63	-60.37	-62.34	0.74	10.60	H
	3297.36	-55.00	-13	-42.00	-63.81	-64.60	0.85	12.60	H
	1648.68	-60.44	-13	-47.44	-62.10	-67.13	0.56	9.40	V
	2473.02	-53.26	-13	-40.26	-58.84	-60.97	0.74	10.60	V
	3297.36	-55.45	-13	-42.45	-63.59	-65.05	0.85	12.60	V
Middle	1668.68	-59.12	-13	-46.12	-61.95	-65.81	0.56	9.40	H
	2503.02	-55.90	-13	-42.90	-61.64	-63.61	0.74	10.60	H
	3337.36	-56.12	-13	-43.12	-64.93	-65.72	0.85	12.60	H
	1668.68	-64.14	-13	-51.14	-65.80	-70.83	0.56	9.40	V
	2503.02	-54.03	-13	-41.03	-59.61	-61.74	0.74	10.60	V
	3337.36	-55.98	-13	-42.98	-64.12	-65.58	0.85	12.60	V
Highest	1688.68	-56.33	-13	-43.33	-59.16	-63.02	0.56	9.40	H
	2533.02	-53.59	-13	-40.59	-59.33	-61.30	0.74	10.60	H
	3377.36	-53.89	-13	-40.89	-62.70	-63.49	0.85	12.60	H
	1688.68	-57.42	-13	-44.42	-59.08	-64.11	0.56	9.40	V
	2533.02	-53.06	-13	-40.06	-58.64	-60.77	0.74	10.60	V
	3377.36	-55.43	-13	-42.43	-63.57	-65.03	0.85	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)
Lowest	1649.18	-58.72	-13	-45.72	-61.55	-65.41	0.56	9.40	H
	2473.77	-52.90	-13	-39.90	-58.64	-60.61	0.74	10.60	H
	3298.36	-56.68	-13	-43.68	-65.49	-66.28	0.85	12.60	H
	1649.18	-60.27	-13	-47.27	-61.93	-66.96	0.56	9.40	V
	2473.77	-52.73	-13	-39.73	-58.40	-60.44	0.74	10.60	V
	3298.36	-55.57	-13	-42.57	-63.71	-65.17	0.85	12.60	V
Middle	1664.08	-56.49	-13	-43.49	-59.32	-63.18	0.56	9.40	H
	2496.27	-56.94	-13	-43.94	-62.68	-64.65	0.74	10.60	H
	3328.36	-55.35	-13	-42.35	-64.16	-64.95	0.85	12.60	H
	1664.08	-57.77	-13	-44.77	-59.43	-64.46	0.56	9.40	V
	2496.27	-51.72	-13	-38.72	-57.60	-59.43	0.74	10.60	V
	3328.36	-55.25	-13	-42.25	-63.39	-64.85	0.85	12.60	V
Highest	1679.18	-57.90	-13	-44.90	-60.73	-64.59	0.56	9.40	H
	2518.77	-51.58	-13	-38.58	-57.52	-59.29	0.74	10.60	H
	3358.36	-56.38	-13	-43.38	-65.19	-65.98	0.85	12.60	H
	1679.18	-58.22	-13	-45.22	-59.88	-64.91	0.56	9.40	V
	2518.77	-51.82	-13	-38.82	-57.71	-59.53	0.74	10.60	V
	3358.36	-57.16	-13	-44.16	-65.30	-66.76	0.85	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)
Lowest	5000.68	-45.50	-25	-20.50	-61.70	-57.26	0.94	12.70	H
	7501.02	-44.27	-25	-19.27	-65.64	-54.28	1.69	11.70	H
	10001.36	-42.59	-25	-17.59	-66.95	-53.25	1.44	12.10	H
	5000.68	-40.72	-25	-15.72	-57.33	-52.48	0.94	12.70	V
	7501.02	-44.54	-25	-19.54	-65.53	-54.55	1.69	11.70	V
	10001.36	-44.14	-25	-19.14	-67.04	-54.80	1.44	12.10	V
Middle	5065.68	-47.79	-25	-22.79	-63.99	-59.55	0.94	12.70	H
	7598.52	-45.31	-25	-20.31	-66.68	-55.32	1.69	11.70	H
	10131.36	-43.12	-25	-18.12	-67.48	-53.78	1.44	12.10	H
	5065.68	-44.59	-25	-19.59	-60.34	-56.35	0.94	12.70	V
	7598.52	-41.72	-25	-16.72	-62.71	-51.73	1.69	11.70	V
	10131.36	-44.58	-25	-19.58	-67.48	-55.24	1.44	12.10	V
Highest	5130.68	-47.38	-25	-22.38	-63.58	-59.14	0.94	12.70	H
	7696.02	-44.55	-25	-19.55	-65.92	-54.56	1.69	11.70	H
	10261.36	-41.30	-25	-16.30	-65.66	-51.96	1.44	12.10	H
	5130.68	-44.83	-25	-19.83	-60.58	-56.59	0.94	12.70	V
	7696.02	-42.54	-25	-17.54	-63.53	-52.55	1.69	11.70	V
	10261.36	-43.71	-25	-18.71	-66.61	-54.37	1.44	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)
Lowest	5001.18	-47.29	-25	-22.29	-63.49	-59.05	0.94	12.70	H
	7501.77	-44.39	-25	-19.39	-65.76	-54.40	1.69	11.70	H
	10002.36	-43.35	-25	-18.35	-67.71	-54.01	1.44	12.10	H
	5001.18	-41.22	-25	-16.22	-57.59	-52.98	0.94	12.70	V
	7501.77	-44.98	-25	-19.98	-65.97	-54.99	1.69	11.70	V
	10002.36	-43.84	-25	-18.84	-66.74	-54.50	1.44	12.10	V
Middle	5061.18	-46.30	-25	-21.30	-62.50	-58.06	0.94	12.70	H
	7591.77	-45.06	-25	-20.06	-66.43	-55.07	1.69	11.70	H
	10122.36	-42.82	-25	-17.82	-67.18	-53.48	1.44	12.10	H
	5061.18	-44.50	-25	-19.50	-60.25	-56.26	0.94	12.70	V
	7591.77	-45.08	-25	-20.08	-66.07	-55.09	1.69	11.70	V
	10122.36	-44.52	-25	-19.52	-67.42	-55.18	1.44	12.10	V
Highest	5121.18	-47.52	-25	-22.52	-63.72	-59.28	0.94	12.70	H
	7681.77	-45.04	-25	-20.04	-66.41	-55.05	1.69	11.70	H
	10242.36	-40.29	-25	-15.29	-64.65	-50.95	1.44	12.10	H
	5121.18	-45.41	-25	-20.41	-61.16	-57.17	0.94	12.70	V
	7681.77	-43.40	-25	-18.40	-64.39	-53.41	1.69	11.70	V
	10242.36	-43.93	-25	-18.93	-66.83	-54.59	1.44	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)
Lowest	5001.68	-45.47	-25	-20.47	-61.67	-57.23	0.94	12.70	H
	7502.52	-44.76	-25	-19.76	-66.13	-54.77	1.69	11.70	H
	10003.36	-42.66	-25	-17.66	-67.02	-53.32	1.44	12.10	H
	5001.68	-40.74	-25	-15.74	-57.34	-52.50	0.94	12.70	V
	7502.52	-44.80	-25	-19.80	-65.79	-54.81	1.69	11.70	V
	10003.36	-44.10	-25	-19.10	-67.00	-54.76	1.44	12.10	V
Middle	5056.68	-45.89	-25	-20.89	-62.09	-57.65	0.94	12.70	H
	7585.02	-44.48	-25	-19.48	-65.85	-54.49	1.69	11.70	H
	10113.36	-43.31	-25	-18.31	-67.67	-53.97	1.44	12.10	H
	5056.68	-43.87	-25	-18.87	-59.62	-55.63	0.94	12.70	V
	7585.02	-43.58	-25	-18.58	-64.57	-53.59	1.69	11.70	V
	10113.36	-44.43	-25	-19.43	-67.33	-55.09	1.44	12.10	V
Highest	5111.68	-46.16	-25	-21.16	-62.36	-57.92	0.94	12.70	H
	7667.52	-44.07	-25	-19.07	-65.44	-54.08	1.69	11.70	H
	10223.36	-41.90	-25	-16.90	-66.26	-52.56	1.44	12.10	H
	5111.68	-44.46	-25	-19.46	-60.21	-56.22	0.94	12.70	V
	7667.52	-42.70	-25	-17.70	-63.69	-52.71	1.69	11.70	V
	10223.36	-43.35	-25	-18.35	-66.25	-54.01	1.44	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)
Lowest	5002.18	-46.31	-25	-21.31	-62.51	-58.07	0.94	12.70	H
	7503.27	-44.75	-25	-19.75	-66.12	-54.76	1.69	11.70	H
	10004.36	-42.80	-25	-17.80	-67.16	-53.46	1.44	12.10	H
	5002.18	-41.00	-25	-16.00	-57.46	-52.76	0.94	12.70	V
	7503.27	-45.29	-25	-20.29	-66.28	-55.30	1.69	11.70	V
	10004.36	-43.87	-25	-18.87	-66.77	-54.53	1.44	12.10	V
Middle	5052.18	-47.24	-25	-22.24	-63.44	-59.00	0.94	12.70	H
	7578.27	-44.64	-25	-19.64	-66.01	-54.65	1.69	11.70	H
	10104.36	-42.64	-25	-17.64	-67.00	-53.30	1.44	12.10	H
	5052.18	-43.82	-25	-18.82	-59.57	-55.58	0.94	12.70	V
	7578.27	-43.76	-25	-18.76	-64.75	-53.77	1.69	11.70	V
	10104.36	-44.25	-25	-19.25	-67.15	-54.91	1.44	12.10	V
Highest	5102.18	-47.92	-25	-22.92	-64.12	-59.68	0.94	12.70	H
	7653.27	-44.29	-25	-19.29	-65.66	-54.30	1.69	11.70	H
	10204.36	-42.08	-25	-17.08	-66.44	-52.74	1.44	12.10	H
	5102.18	-45.30	-25	-20.30	-61.05	-57.06	0.94	12.70	V
	7653.27	-42.67	-25	-17.67	-63.66	-52.68	1.69	11.70	V
	10204.36	-43.60	-25	-18.60	-66.5	-54.26	1.44	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)
Lowest	1398.14	-61.83	-13	-48.83	-64.66	-68.52	0.56	9.40	H
	2097.21	-60.77	-13	-47.77	-66.51	-68.48	0.74	10.60	H
	2796.28	-57.66	-13	-44.66	-66.47	-67.26	0.85	12.60	H
	1398.14	-63.19	-13	-50.19	-64.85	-69.88	0.56	9.40	V
	2097.21	-61.04	-13	-48.04	-66.62	-68.75	0.74	10.60	V
	2796.28	-58.97	-13	-45.97	-67.11	-68.57	0.85	12.60	V
Middle	1413.74	-61.73	-13	-48.73	-64.56	-68.42	0.56	9.40	H
	2120.61	-60.95	-13	-47.95	-66.69	-68.66	0.74	10.60	H
	2827.48	-56.75	-13	-43.75	-65.56	-66.35	0.85	12.60	H
	1413.74	-63.39	-13	-50.39	-65.05	-70.08	0.56	9.40	V
	2120.61	-61.06	-13	-48.06	-66.64	-68.77	0.74	10.60	V
	2827.48	-57.62	-13	-44.62	-65.76	-67.22	0.85	12.60	V
Highest	1429.34	-61.99	-13	-48.99	-64.82	-68.68	0.56	9.40	H
	2144.01	-60.56	-13	-47.56	-66.30	-68.27	0.74	10.60	H
	2858.68	-57.81	-13	-44.81	-66.62	-67.41	0.85	12.60	H
	1429.34	-63.29	-13	-50.29	-64.95	-69.98	0.56	9.40	V
	2144.01	-61.23	-13	-48.23	-66.81	-68.94	0.74	10.60	V
	2858.68	-58.76	-13	-45.76	-66.90	-68.36	0.85	12.60	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)
Lowest	1398.3	-61.22	-13	-48.22	-64.05	-67.91	0.56	9.40	H
	2097.45	-60.23	-13	-47.23	-65.97	-67.94	0.74	10.60	H
	2796.6	-58.10	-13	-45.10	-66.91	-67.70	0.85	12.60	H
	1398.3	-62.39	-13	-49.39	-64.05	-69.08	0.56	9.40	V
	2097.45	-61.15	-13	-48.15	-66.73	-68.86	0.74	10.60	V
	2796.6	-58.65	-13	-45.65	-66.79	-68.25	0.85	12.60	V
Middle	1412.3	-61.71	-13	-48.71	-64.54	-68.40	0.56	9.40	H
	2118.45	-60.27	-13	-47.27	-66.01	-67.98	0.74	10.60	H
	2824.6	-57.07	-13	-44.07	-65.88	-66.67	0.85	12.60	H
	1412.3	-63.21	-13	-50.21	-64.87	-69.90	0.56	9.40	V
	2118.45	-60.16	-13	-47.16	-65.74	-67.87	0.74	10.60	V
	2824.6	-58.59	-13	-45.59	-66.73	-68.19	0.85	12.60	V
Highest	1427	-61.98	-13	-48.98	-64.81	-68.67	0.56	9.40	H
	2140.5	-61.84	-13	-48.84	-67.58	-69.55	0.74	10.60	H
	2854	-57.75	-13	-44.75	-66.56	-67.35	0.85	12.60	H
	1427	-62.92	-13	-49.92	-64.58	-69.61	0.56	9.40	V
	2140.5	-60.29	-13	-47.29	-65.87	-68.00	0.74	10.60	V
	2854	-59.17	-13	-46.17	-67.31	-68.77	0.85	12.60	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)
Lowest	1398.5	-61.01	-13	-48.01	-63.84	-67.70	0.56	9.40	H
	2097.75	-60.86	-13	-47.86	-66.60	-68.57	0.74	10.60	H
	2797	-57.82	-13	-44.82	-66.63	-67.42	0.85	12.60	H
	1398.5	-62.78	-13	-49.78	-64.44	-69.47	0.56	9.40	V
	2097.75	-60.84	-13	-47.84	-66.42	-68.55	0.74	10.60	V
	2797	-58.18	-13	-45.18	-66.32	-67.78	0.85	12.60	V
Middle	1410.5	-60.94	-13	-47.94	-63.77	-67.63	0.56	9.40	H
	2115.75	-60.73	-13	-47.73	-66.47	-68.44	0.74	10.60	H
	2821	-57.76	-13	-44.76	-66.57	-67.36	0.85	12.60	H
	1410.5	-62.35	-13	-49.35	-64.01	-69.04	0.56	9.40	V
	2115.75	-61.28	-13	-48.28	-66.86	-68.99	0.74	10.60	V
	2821	-58.40	-13	-45.40	-66.54	-68.00	0.85	12.60	V
Highest	1422.5	-61.54	-13	-48.54	-64.37	-68.23	0.56	9.40	H
	2133.75	-60.75	-13	-47.75	-66.49	-68.46	0.74	10.60	H
	2845	-58.05	-13	-45.05	-66.86	-67.65	0.85	12.60	H
	1422.5	-62.51	-13	-49.51	-64.17	-69.20	0.56	9.40	V
	2133.75	-60.97	-13	-47.97	-66.55	-68.68	0.74	10.60	V
	2845	-58.46	-13	-45.46	-66.60	-68.06	0.85	12.60	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)
Lowest	1399	-60.71	-13	-47.71	-63.54	-67.40	0.56	9.40	H
	2098.5	-60.56	-13	-47.56	-66.30	-68.27	0.74	10.60	H
	2798	-57.35	-13	-44.35	-66.16	-66.95	0.85	12.60	H
	1399	-62.28	-13	-49.28	-63.94	-68.97	0.56	9.40	V
	2098.5	-60.81	-13	-47.81	-66.39	-68.52	0.74	10.60	V
	2798	-58.79	-13	-45.79	-66.93	-68.39	0.85	12.60	V
Middle	1406	-60.74	-13	-47.74	-63.57	-67.43	0.56	9.40	H
	2109	-60.50	-13	-47.50	-66.24	-68.21	0.74	10.60	H
	2812	-57.67	-13	-44.67	-66.48	-67.27	0.85	12.60	H
	1406	-58.27	-13	-45.27	-59.93	-64.96	0.56	9.40	V
	2109	-60.67	-13	-47.67	-66.25	-68.38	0.74	10.60	V
	2812	-58.44	-13	-45.44	-66.58	-68.04	0.85	12.60	V
Highest	1413	-61.37	-13	-48.37	-64.20	-68.06	0.56	9.40	H
	2119.5	-60.30	-13	-47.30	-66.04	-68.01	0.74	10.60	H
	2826	-57.83	-13	-44.83	-66.64	-67.43	0.85	12.60	H
	1413	-62.51	-13	-49.51	-64.17	-69.20	0.56	9.40	V
	2119.5	-61.17	-13	-48.17	-66.75	-68.88	0.74	10.60	V
	2826	-58.94	-13	-45.94	-67.08	-68.54	0.85	12.60	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)
Lowest	1408.68	-60.92	-13	-47.92	-63.75	-67.61	0.56	9.40	H
	2113.02	-60.13	-13	-47.13	-65.87	-67.84	0.74	10.60	H
	2817.36	-57.55	-13	-44.55	-66.36	-67.15	0.85	12.60	H
	1408.68	-62.32	-13	-49.32	-63.98	-69.01	0.56	9.40	V
	2113.02	-61.04	-13	-48.04	-66.62	-68.75	0.74	10.60	V
	2817.36	-58.94	-13	-45.94	-67.08	-68.54	0.85	12.60	V
Middle	1415.68	-62.00	-13	-49.00	-64.83	-68.69	0.56	9.40	H
	2123.58	-61.01	-13	-48.01	-66.75	-68.72	0.74	10.60	H
	2831.36	-57.64	-13	-44.64	-66.45	-67.24	0.85	12.60	H
	1415.68	-63.21	-13	-50.21	-64.87	-69.90	0.56	9.40	V
	2123.58	-60.69	-13	-47.69	-66.27	-68.40	0.74	10.60	V
	2831.36	-58.64	-13	-45.64	-66.78	-68.24	0.85	12.60	V
Highest	1422.68	-62.13	-13	-49.13	-64.96	-68.82	0.56	9.40	H
	2134.02	-46.44	-13	-33.44	-54.21	-54.15	0.74	10.60	H
	2845.36	-57.97	-13	-44.97	-66.78	-67.57	0.85	12.60	H
	1422.68	-62.87	-13	-49.87	-64.53	-69.56	0.56	9.40	V
	2134.02	-58.08	-13	-45.08	-63.66	-65.79	0.74	10.60	V
	2845.36	-58.99	-13	-45.99	-67.13	-68.59	0.85	12.60	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)
Lowest	1409	-59.78	-13	-46.78	-62.61	-66.47	0.56	9.40	H
	2113.5	-60.72	-13	-47.72	-66.46	-68.43	0.74	10.60	H
	2818	-57.68	-13	-44.68	-66.49	-67.28	0.85	12.60	H
	1409	-61.64	-13	-48.64	-63.30	-68.33	0.56	9.40	V
	2113.5	-60.75	-13	-47.75	-66.33	-68.46	0.74	10.60	V
	2818	-57.78	-13	-44.78	-65.92	-67.38	0.85	12.60	V
Middle	1411	-61.14	-13	-48.14	-63.97	-67.83	0.56	9.40	H
	2116.5	-59.97	-13	-46.97	-65.71	-67.68	0.74	10.60	H
	2822	-58.12	-13	-45.12	-66.93	-67.72	0.85	12.60	H
	1411	-63.35	-13	-50.35	-65.01	-70.04	0.56	9.40	V
	2116.5	-60.83	-13	-47.83	-66.41	-68.54	0.74	10.60	V
	2822	-58.86	-13	-45.86	-67.00	-68.46	0.85	12.60	V
Highest	1413.18	-61.21	-13	-48.21	-64.04	-67.90	0.56	9.40	H
	2119.77	-53.65	-13	-40.65	-59.39	-61.36	0.74	10.60	H
	2826.36	-57.25	-13	-44.25	-66.06	-66.85	0.85	12.60	H
	1413.18	-62.84	-13	-49.84	-64.50	-69.53	0.56	9.40	V
	2119.77	-60.93	-13	-47.93	-66.51	-68.64	0.74	10.60	V
	2826.36	-57.99	-13	-44.99	-66.13	-67.59	0.85	12.60	V

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



## **Appendix D. Product Equality Declaration**

## ZTE CORPORATION

# Product Change Description

As the applicant of the below model, [ZTE Corporation] declares that the product,

[MF275R]

[ZTE Corporation]

is the variant of the initial certified product,

[MF275R]

[ZTE Corporation]

### **SOFTWARE MODIFICATIONS:**

Protocol Stack changes: NO

MMS/STK changes: NO

JAVA changes: NO

Other changes detailed: 1)change SSID name

2)change APN

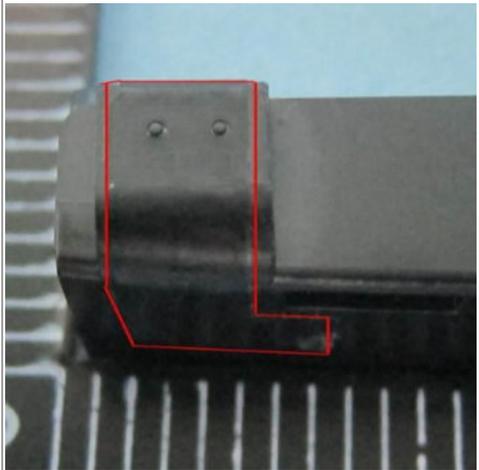
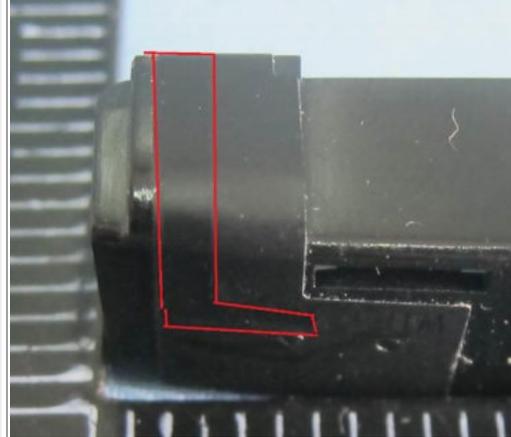
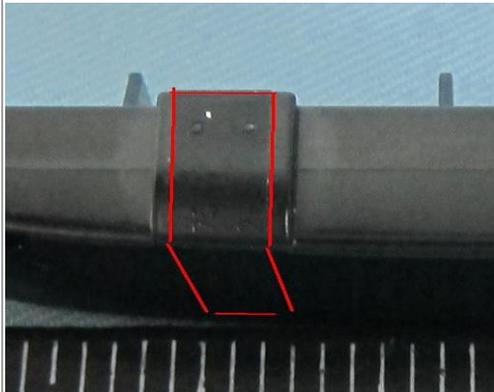
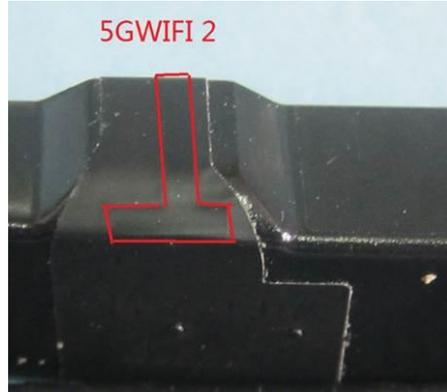
3)added the LTE Band V(Changed the VN)

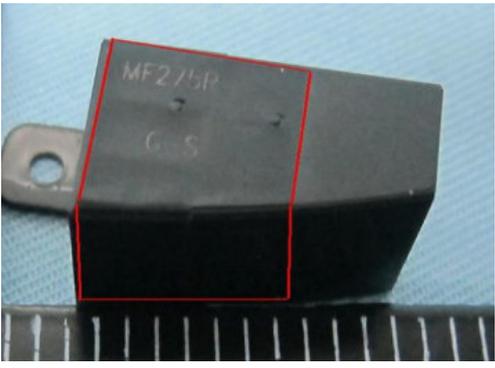
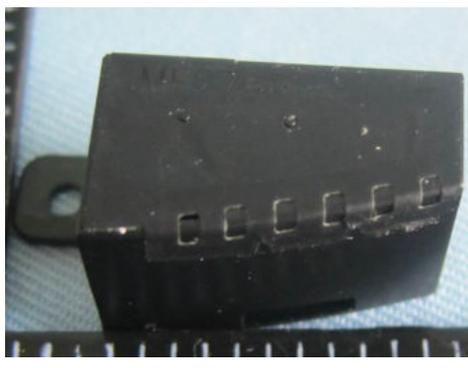
### **HARDWARE MODIFICATION:**

Band changes: NO

Power Amplifier changes: NO

Antenna changes: yes, Wifi and GPS antenna change

Original Wifi 2 Ant	Variant
 <p>A close-up photograph of a black antenna component. A red L-shaped outline highlights the top and right side of the component.</p>	 <p>A close-up photograph of a black antenna component, similar to the original but with a different top profile. A red L-shaped outline highlights the top and right side.</p>
Original 5G Wifi 2	Variant
 <p>A close-up photograph of a black antenna component. A red L-shaped outline highlights the top and right side.</p>	 <p>A close-up photograph of a black antenna component. A red L-shaped outline highlights the top and right side. The text "5GWIFI 2" is printed in red at the top of the image.</p>
Original 5G Wifi main	Variant
 <p>A close-up photograph of a black antenna component. A red rectangular outline highlights the top surface.</p>	 <p>A close-up photograph of a black antenna component with a different top profile. A red outline highlights the top surface. The text "5G WIFI 1" is printed in red at the top of the image.</p>

Original GPS Ant	Variant
 A black rectangular component with a metal tab on the left. The top surface has the text "MF2/5R" and "G.S." printed on it. A red rectangular box highlights the top surface.	 A black rectangular component, similar to the original but with a different top surface design, showing several small rectangular features.

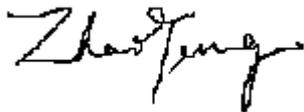
PCB Layout changes: NO  
Components on PCB changes: NO  
LCD changes: NO  
Speaker changes: NO  
Camera changes: NO  
Vibrator changes: NO  
Bluetooth changes: NO  
FM changes: NO  
Other changes:

## MECHANICAL MODIFICATIONS:

Use new metal front/back cover or keypad: NO  
Mechanical shell changes: NO  
Other changes detailed: NO

## ACCESSORY MODIFICATIONS:

Battery changes: NO  
AC Adaptor changes: NO  
Earphone changes: NO



APPROVED BY: zhaoyang

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