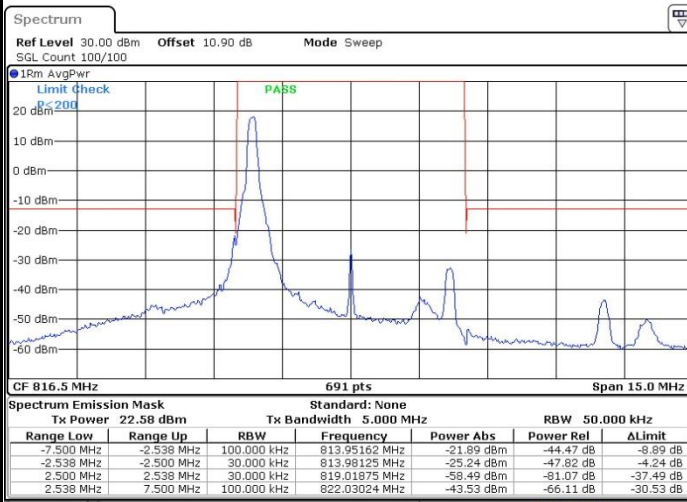




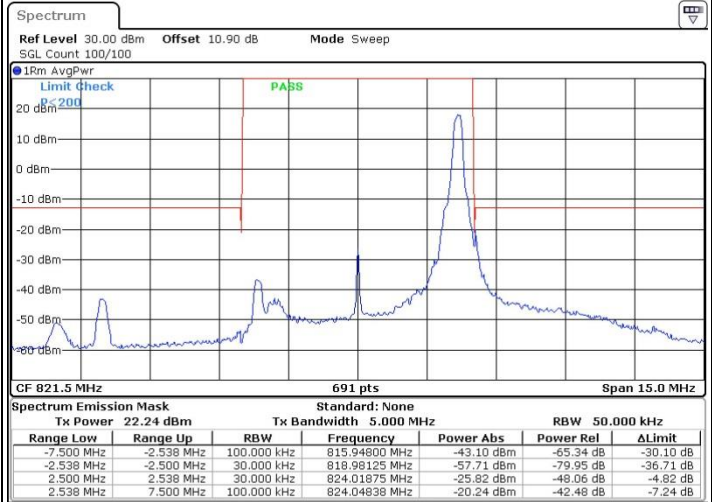
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



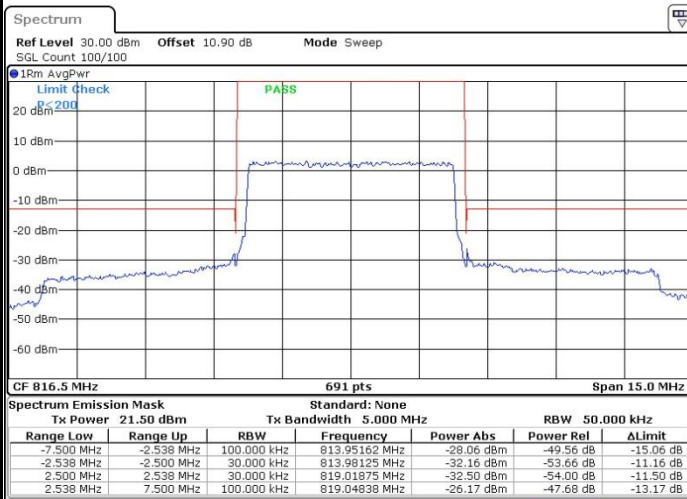
Date: 22 MAY 2016 03:56:15

Highest Band Edge / 1 RB



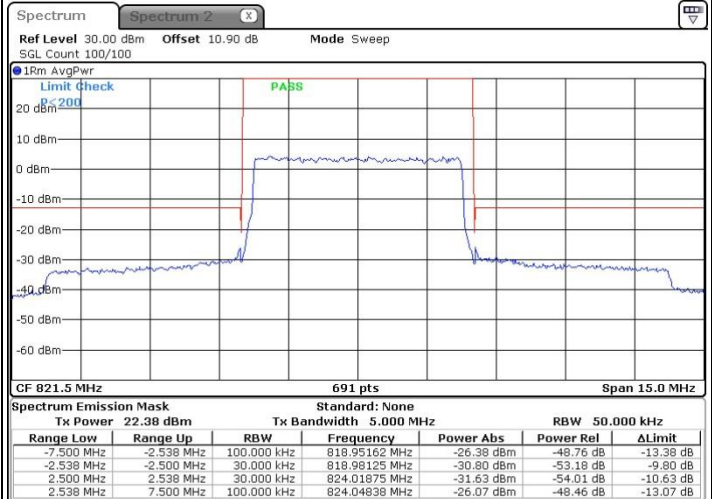
Date: 22 MAY 2016 04:05:33

Lowest Band Edge / Full RB



Date: 22 MAY 2016 03:58:34

Highest Band Edge / Full RB

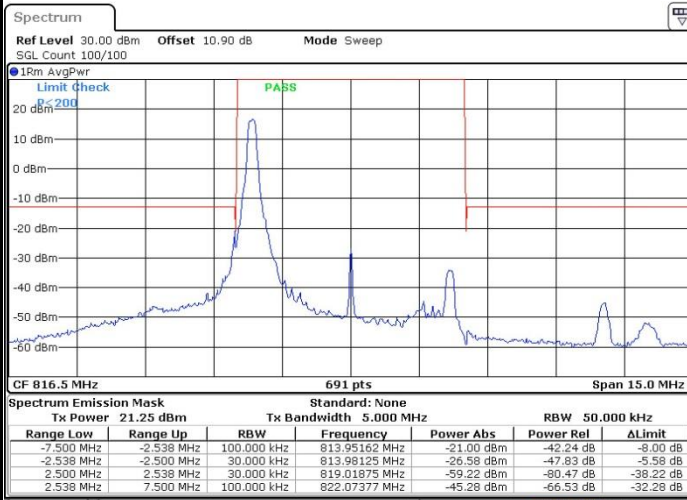


Date: 24 MAY 2016 03:06:54



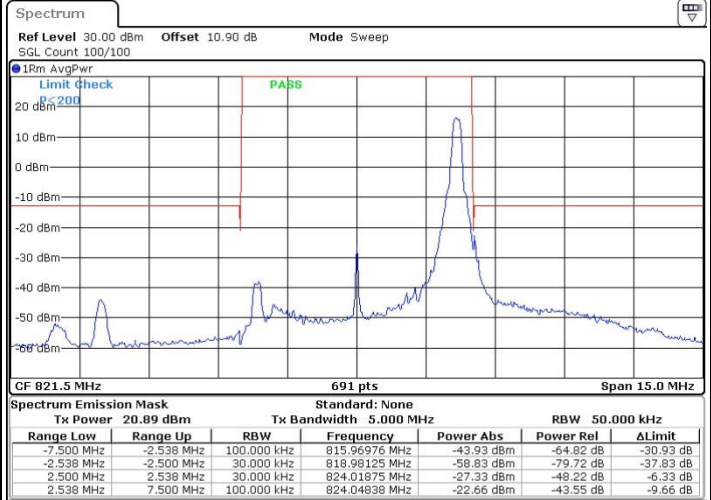
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



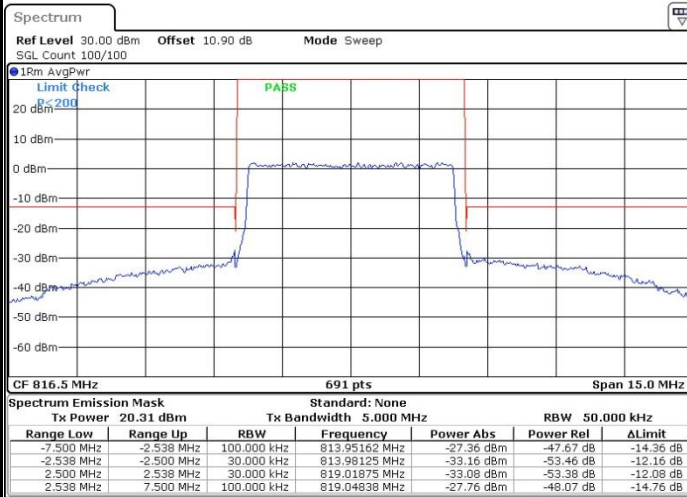
Date: 22 MAY 2016 03:57:25

Highest Band Edge / 1 RB



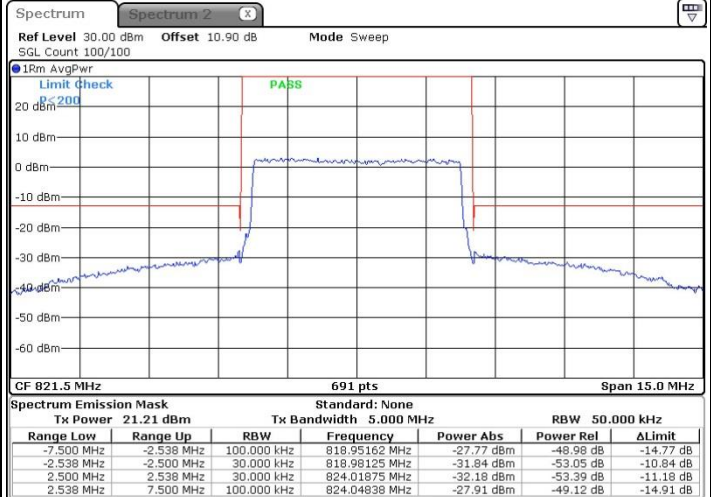
Date: 22 MAY 2016 04:06:42

Lowest Band Edge / Full RB



Date: 22 MAY 2016 03:59:44

Highest Band Edge / Full RB

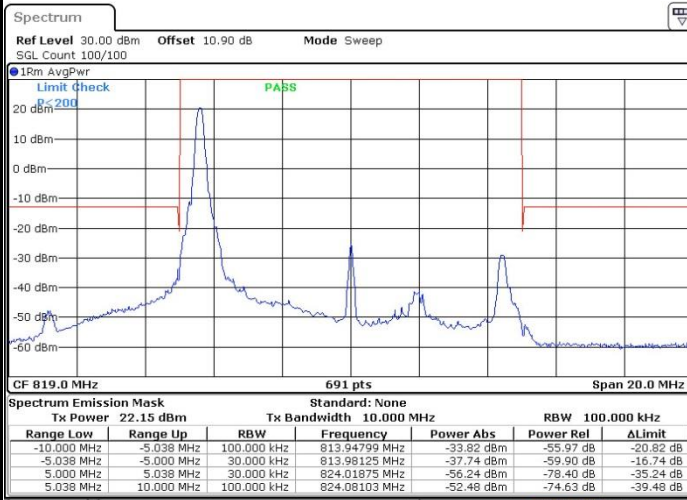


Date: 24 MAY 2016 03:07:12



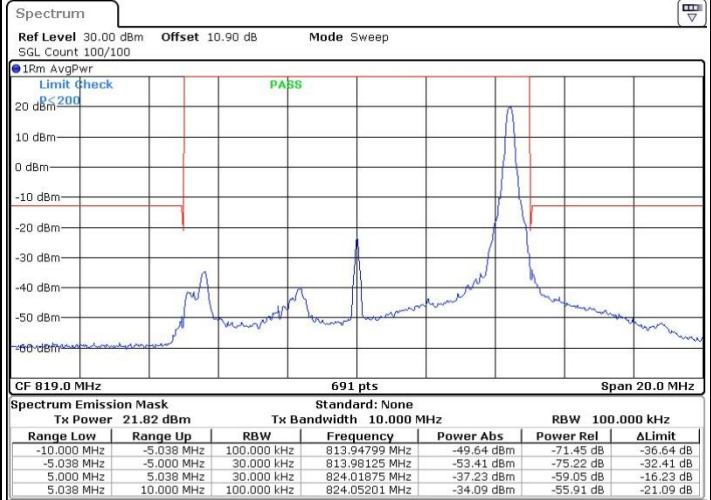
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



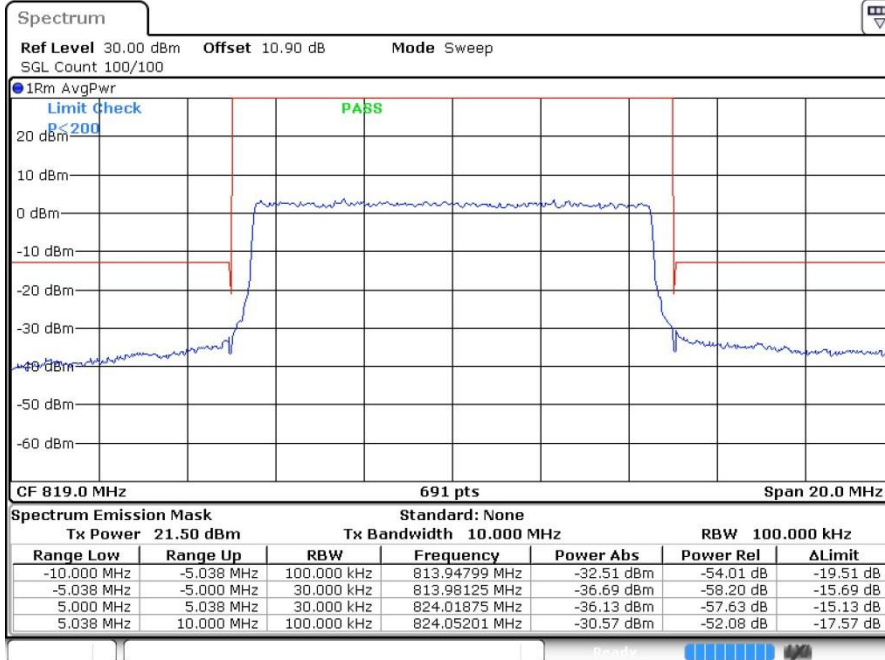
Date: 22.MAY.2016 04:18:57

Highest Band Edge / 1 RB



Date: 22.MAY.2016 04:19:51

Band Edge / Full RB

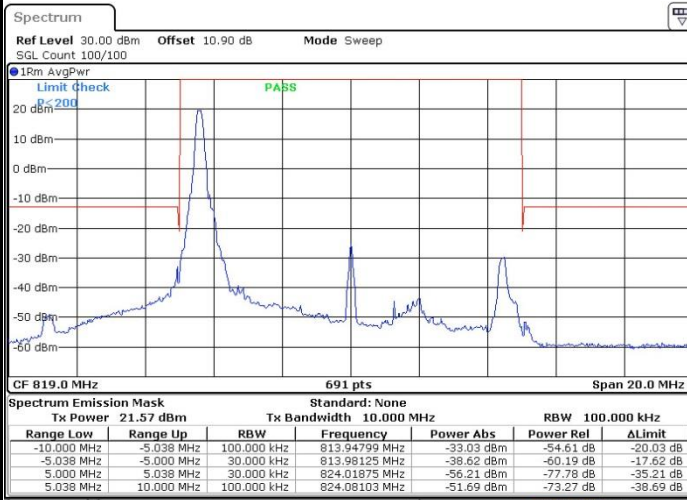


Date: 22.MAY.2016 04:03:13



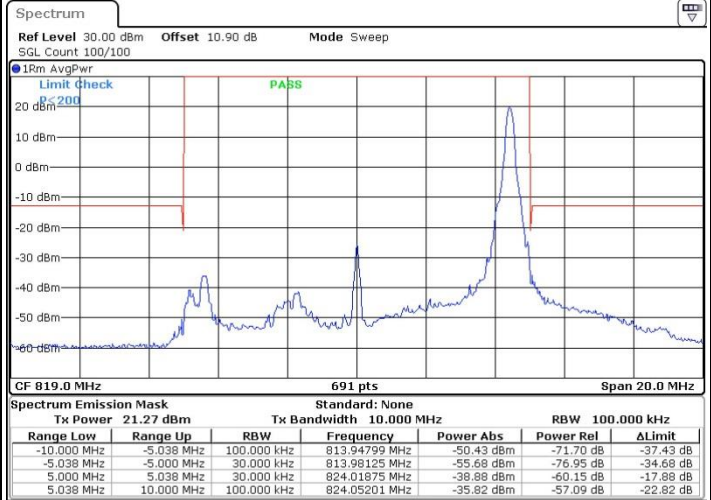
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



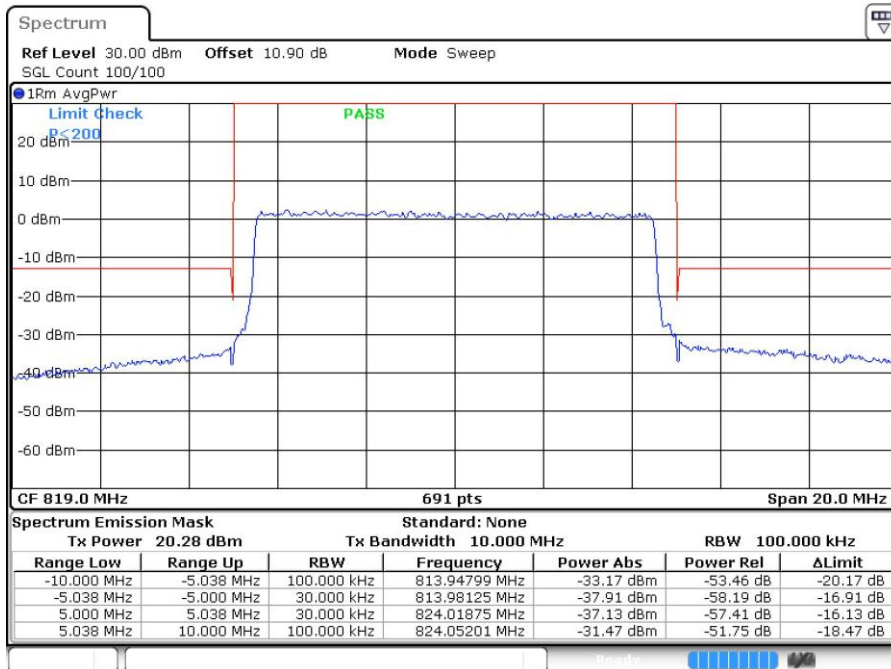
Date: 22 MAY 2016 04:19:16

Highest Band Edge / 1 RB



Date: 22 MAY 2016 04:19:33

Band Edge / Full RB



Date: 22 MAY 2016 04:04:23

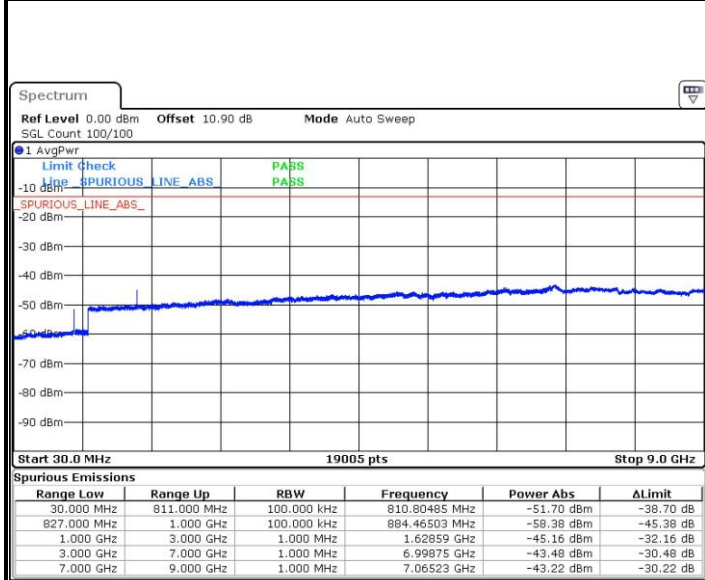


Conducted Spurious Emission



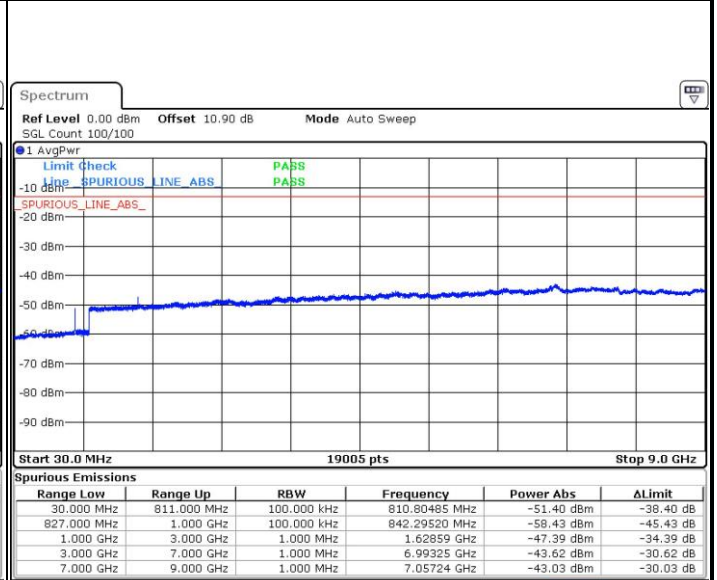
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



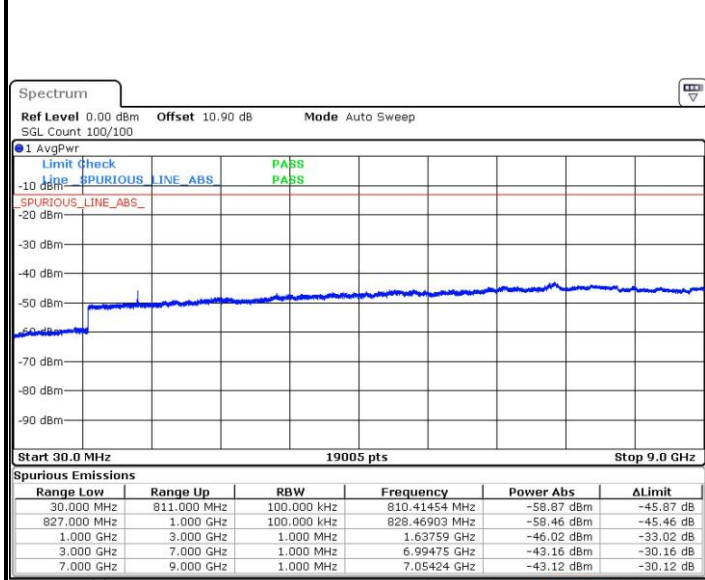
Date: 22 MAY 2016 03:27:06

Lowest Channel / 16QAM



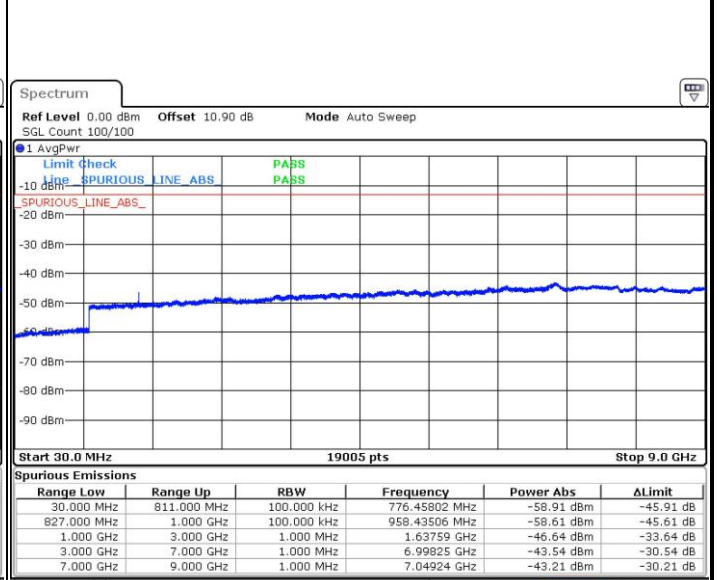
Date: 22 MAY 2016 03:28:00

Middle Channel / QPSK



Date: 22 MAY 2016 03:29:37

Middle Channel / 16QAM

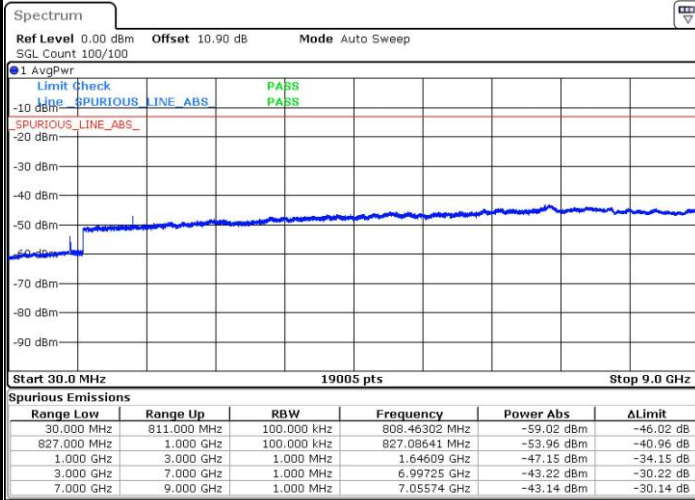


Date: 22 MAY 2016 03:30:31



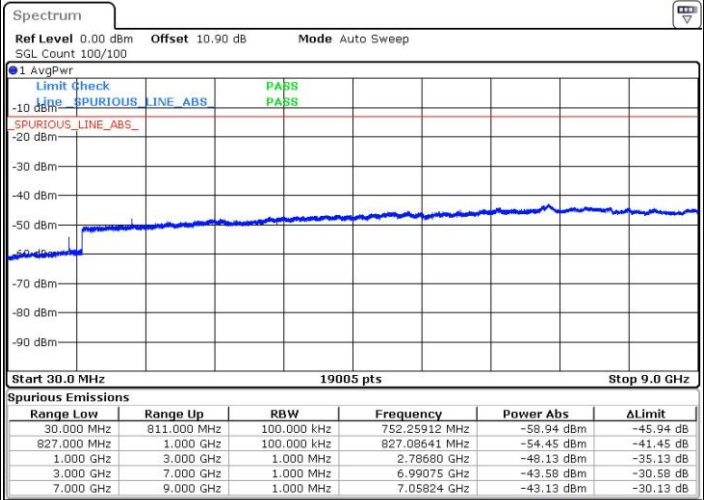
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 22.MAY.2016 03:32:07

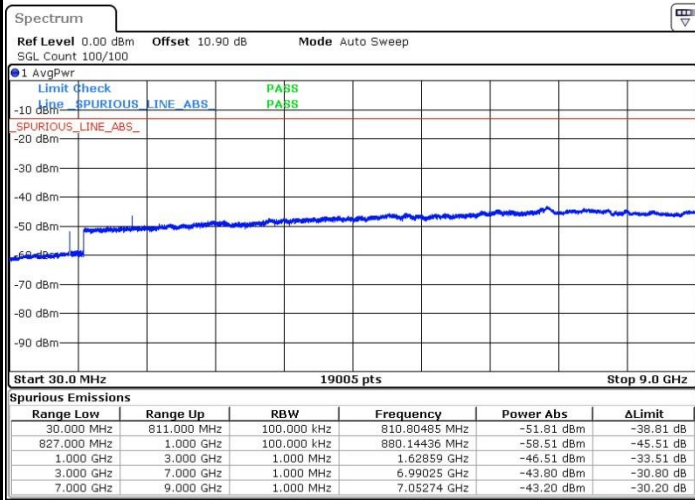
Highest Channel / 16QAM



Date: 22.MAY.2016 03:33:02

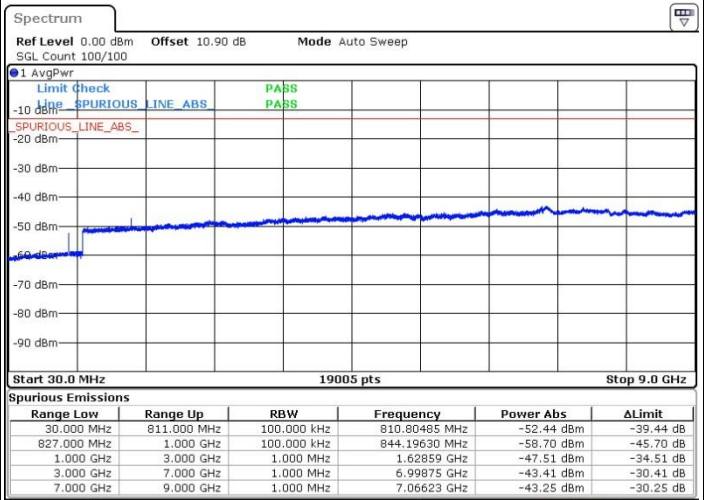
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 22.MAY.2016 03:09:30

Lowest Channel / 16QAM



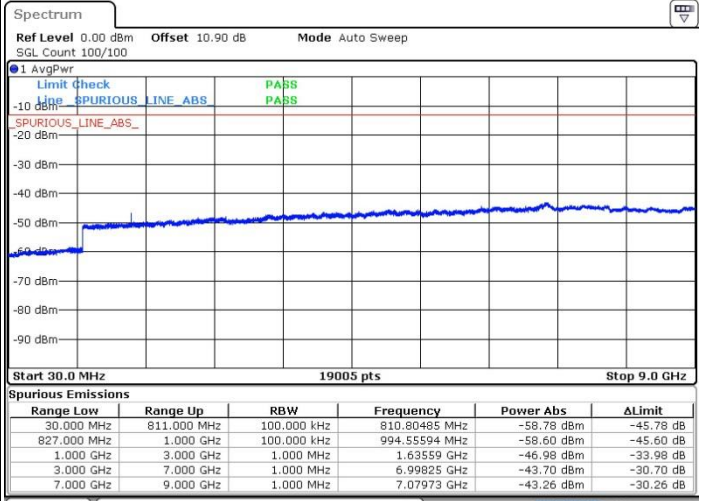
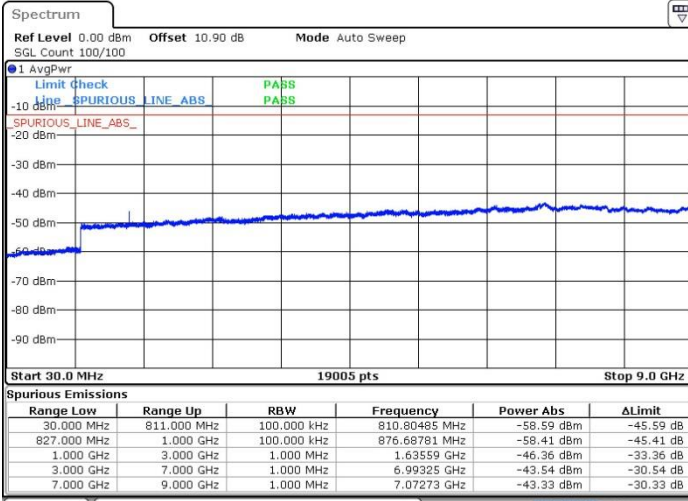
Date: 22.MAY.2016 03:10:25



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

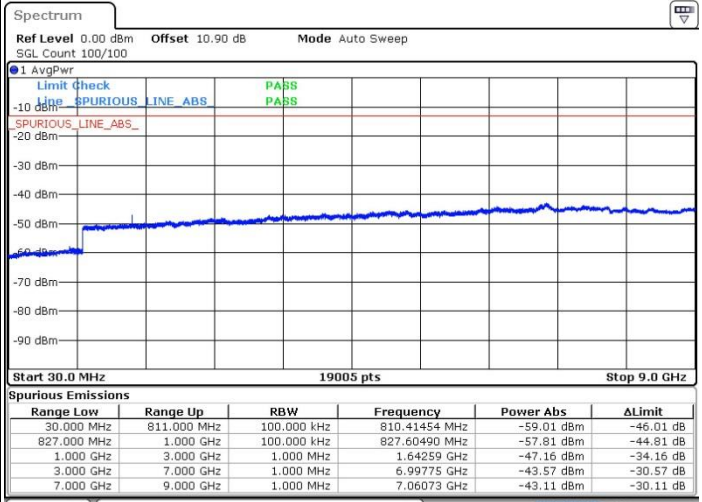
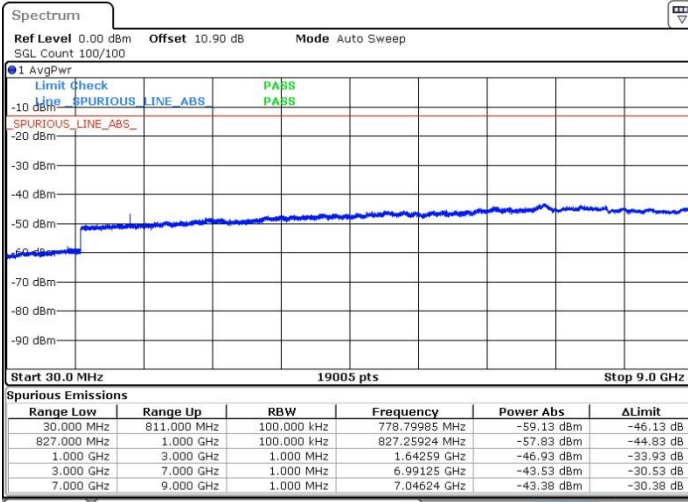


Date: 22 MAY 2016 03:12:01

Date: 22 MAY 2016 03:12:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 MAY 2016 03:14:32

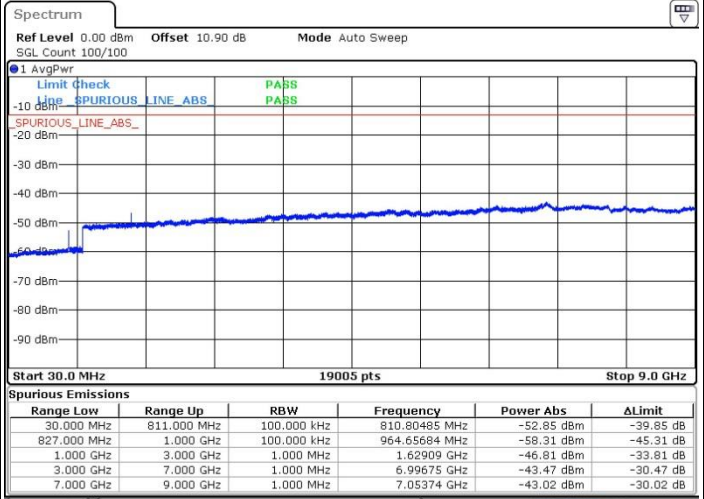
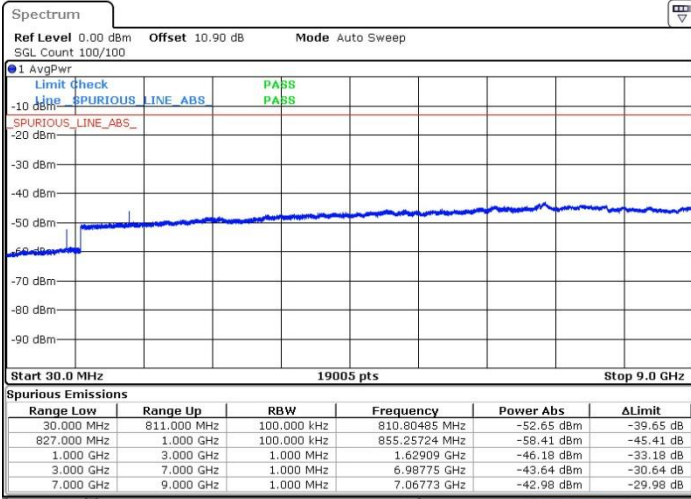
Date: 22 MAY 2016 03:15:26



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

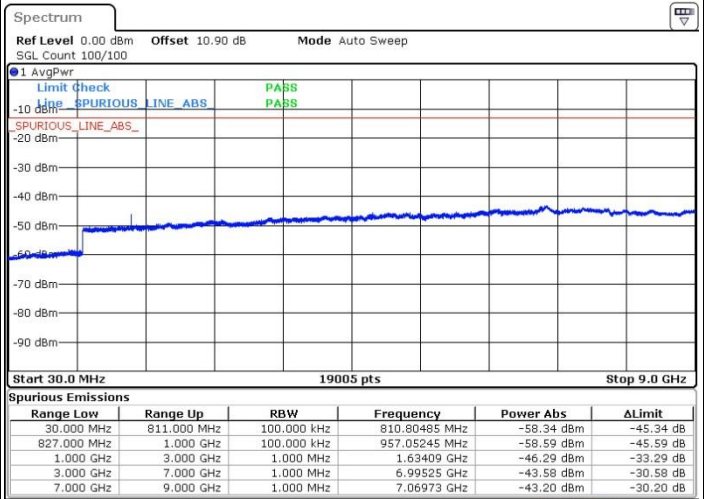
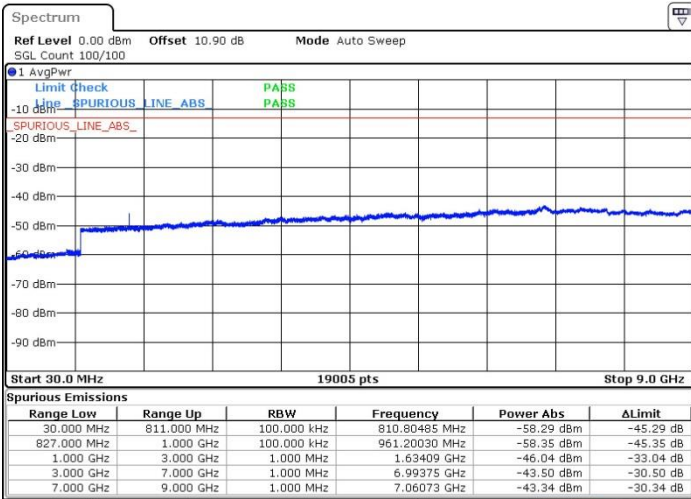


Date: 22 MAY 2016 03:17:03

Date: 22 MAY 2016 03:17:57

Middle Channel / QPSK

Middle Channel / 16QAM



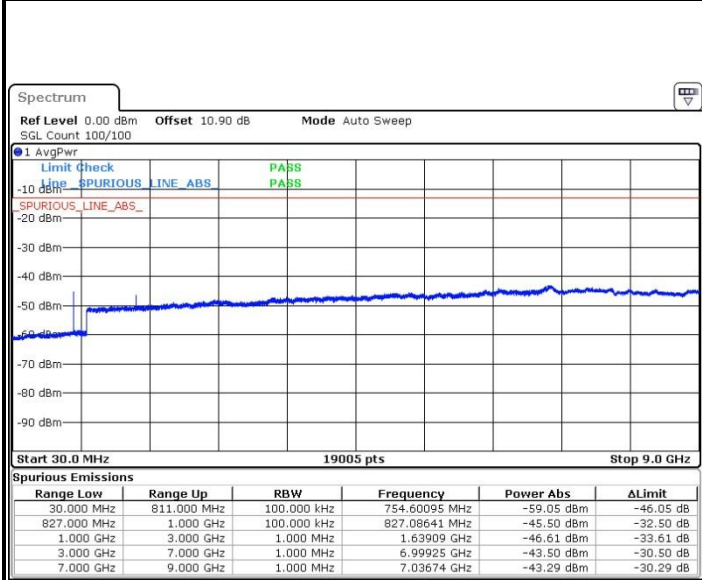
Date: 22 MAY 2016 03:19:33

Date: 22 MAY 2016 03:20:28



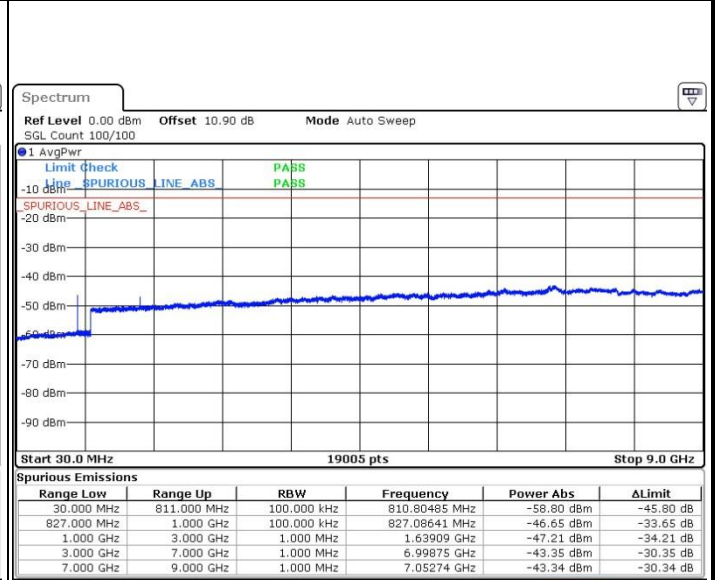
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 22 MAY 2016 03:22:04

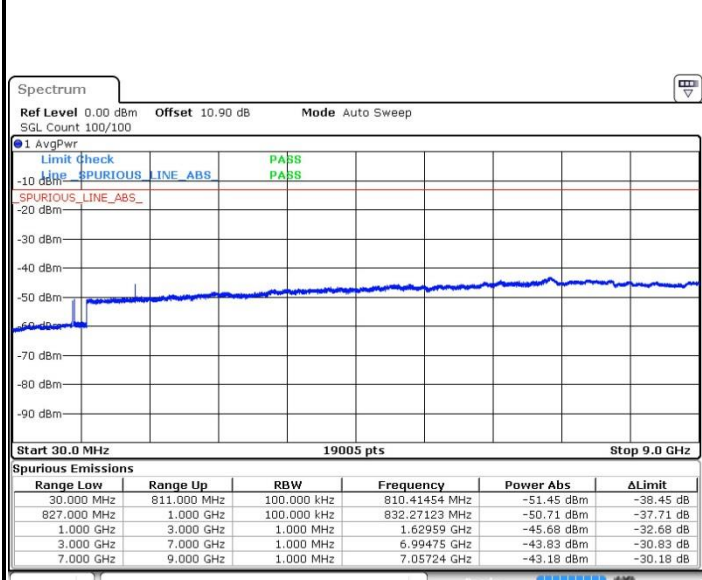
Highest Channel / 16QAM



Date: 22 MAY 2016 03:22:59

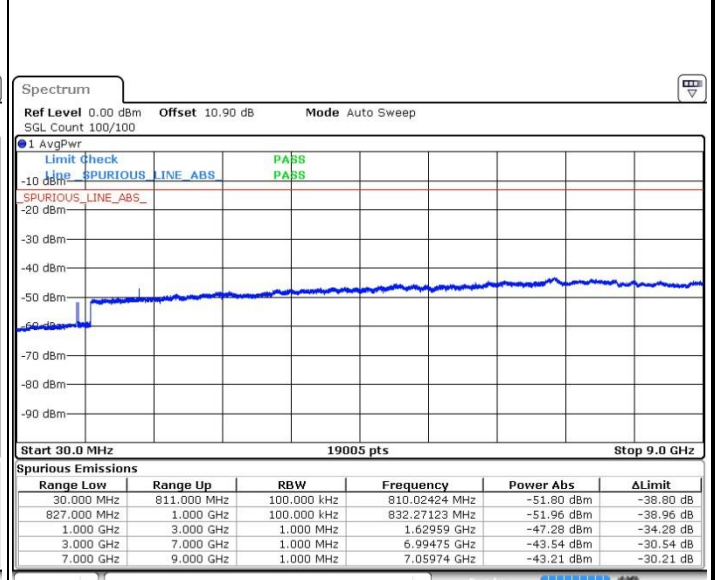
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 22 MAY 2016 03:24:35

Middle Channel / 16QAM



Date: 22 MAY 2016 03:25:29



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0090	
30	Normal Voltage	0.0092	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0116	
-10	Normal Voltage	0.0103	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0111	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Radiated Spurious Emission



LTE Band 26

LTE Band 26 / 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	1632	-62.64	-13	-49.64	-73.49	-65.4	0.97	4.93	H
	2448	-60.08	-13	-47.08	-74.01	-61.97	1.27	5.22	H
	3256	-58.86	-13	-45.86	-76.56	-62.32	1.53	6.93	H
									H
									H
	1632	-56.85	-13	-43.85	-67.71	-60.51	0.97	4.93	V
	2448	-59.90	-13	-46.90	-73.84	-60.88	1.27	5.22	V
	3256	-57.58	-13	-44.58	-75.26	-60.07	1.53	6.93	V
									V
									V
									V
									V
Middle	1664	-60.79	-13	-47.79	-71.7	-62.5	0.98	4.84	H
	2496	-57.68	-13	-44.68	-71.88	-59.63	1.29	5.39	H
	3328	-60.55	-13	-47.55	-78.45	-64.09	1.55	7.24	H
									H
									H
									H
									H
	1664	-59.94	-13	-46.94	-70.83	-61.65	0.98	4.84	V
	2496	-55.05	-13	-42.05	-69.25	-57	1.29	5.39	V
	3328	-58.93	-13	-45.93	-76.81	-62.47	1.55	7.24	V
									V
									V
								V	
								V	



Highest	1672	-60.92	-13	-47.92	-71.85	-64.25	1.00	4.75	H
	2504	-59.28	-13	-46.28	-73.51	-61.61	1.30	5.44	H
	3336	-61.47	-13	-48.47	-79.39	-65	1.57	7.52	H
									H
									H
									H
									H
	1672	-60.15	-13	-47.15	-71.08	-63.02	1.00	4.75	V
	2504	-57.80	-13	-44.80	-72.01	-63.71	1.30	5.44	V
	3336	-60.53	-13	-47.53	-78.41	-65.05	1.57	7.52	V
									V
									V
									V
									V

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



LTE Band 26 / 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	1632	-62.64	-13	-49.64	-73.49	-64.49	0.97	4.93	H
	2448	-60.08	-13	-47.08	-74.01	-61.88	1.27	5.22	H
	3256	-58.86	-13	-45.86	-76.56	-61.82	1.53	6.93	H
									H
									H
									H
									H
	1632	-56.85	-13	-43.85	-67.71	-60.1	0.97	4.93	V
	2448	-59.90	-13	-46.90	-73.84	-60.94	1.27	5.22	V
	3256	-57.58	-13	-44.58	-75.26	-60.46	1.53	6.93	V
									V
									V
									V
									V
Middle	1664	-61.70	-13	-48.70	-72.62	-63.41	0.98	4.84	H
	2488	-58.72	-13	-45.72	-72.91	-60.65	1.29	5.36	H
	3320	-59.63	-13	-46.63	-77.48	-63.14	1.55	7.21	H
									H
									H
									H
									H
	1664	-61.97	-13	-48.97	-72.87	-63.68	0.98	4.84	V
	2488	-58.07	-13	-45.07	-72.26	-60	1.29	5.36	V
	3320	-57.99	-13	-44.99	-75.82	-61.5	1.55	7.21	V
									V
									V
									V
									V



Highest	1672	-60.92	-13	-47.92	-71.85	-62.92	1.00	4.75	H
	2504	-59.28	-13	-46.28	-73.51	-62.13	1.30	5.43	H
	3336	-61.47	-13	-48.47	-79.39	-65.5	1.57	7.52	H
									H
									H
									H
									H
	1672	-60.15	-13	-47.15	-71.08	-62.65	1.00	4.75	V
	2504	-57.80	-13	-44.80	-72.01	-58.22	1.30	5.43	V
	3336	-60.53	-13	-47.53	-78.41	-65.2	1.57	7.52	V
									V
									V
									V
									V

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



LTE Band 26 / 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	1632	-62.64	-13	-49.64	-73.49	-63.61	0.97	4.93	H
	2448	-60.08	-13	-47.08	-74.01	-61.04	1.27	5.22	H
	3256	-58.86	-13	-45.86	-76.56	-61.96	1.53	6.93	H
									H
									H
									H
									H
	1632	-56.85	-13	-43.85	-67.71	-58.9	0.97	4.93	V
	2448	-59.90	-13	-46.90	-73.84	-59.84	1.27	5.22	V
	3256	-57.58	-13	-44.58	-75.26	-60.45	1.53	6.93	V
									V
									V
									V
									V
Middle	1656	-63.01	-13	-50.01	-73.94	-64.74	0.98	4.86	H
	2488	-59.39	-13	-46.39	-73.59	-61.32	1.29	5.36	H
	3320	-60.10	-13	-47.10	-77.98	-63.61	1.55	7.21	H
									H
									H
									H
									H
	1656	-61.05	-13	-48.05	-71.95	-62.78	0.98	4.86	V
	2488	-58.57	-13	-45.57	-72.76	-60.5	1.29	5.36	V
	3320	-58.49	-13	-45.49	-76.32	-62	1.55	7.21	V
									V
									V
									V
									V
								V	



Highest	1672	-60.92	-13	-47.92	-71.85	-63.65	1.00	4.77	H
	2504	-59.28	-13	-46.28	-73.51	-59.4	1.30	5.43	H
	3336	-61.47	-13	-48.47	-79.39	-65.07	1.57	7.45	H
									H
									H
									H
									H
	1672	-60.15	-13	-47.15	-71.08	-63.84	1.00	4.77	V
	2504	-57.80	-13	-44.80	-72.01	-56.53	1.30	5.43	V
	3336	-60.53	-13	-47.53	-78.41	-64.7	1.57	7.45	V
									V
									V
									V
									V

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



LTE Band 26 / 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	1632	-62.64	-13	-49.64	-73.49	-62.68	0.97	4.93	H
	2448	-60.08	-13	-47.08	-74.01	-56.37	1.27	5.24	H
	3256	-58.86	-13	-45.86	-76.56	-62.53	1.53	6.93	H
									H
									H
									H
									H
	1632	-56.85	-13	-43.85	-67.71	-57.71	0.97	4.93	V
	2448	-59.90	-13	-46.90	-73.84	-51.93	1.27	5.24	V
	3256	-57.58	-13	-44.58	-75.26	-60.65	1.53	6.93	V
									V
									V
									V
									V
Middle	1656	-61.41	-13	-48.41	-72.32	-63.14	0.98	4.86	H
	2480	-52.02	-13	-39.02	-66.13	-53.93	1.28	5.34	H
	3312	-59.92	-13	-46.92	-77.75	-63.4	1.55	7.17	H
									H
									H
									H
									H
	1656	-60.41	-13	-47.41	-71.33	-62.14	0.98	4.86	V
	2480	-50.14	-13	-37.14	-64.26	-52.05	1.28	5.34	V
	3312	-57.32	-13	-44.32	-75.15	-60.8	1.55	7.17	V
									V
									V
									V
									V



Highest	1672	-60.92	-13	-47.92	-71.85	-64.2	0.99	4.80	H
	2504	-59.28	-13	-46.28	-73.51	-53.63	1.30	5.42	H
	3336	-61.47	-13	-48.47	-79.39	-65.05	1.56	7.38	H
									H
									H
									H
									H
	1672	-60.15	-13	-47.15	-71.08	-62.5	0.99	4.80	V
	2504	-57.80	-13	-44.80	-72.01	-53.06	1.30	5.42	V
	3336	-60.53	-13	-47.53	-78.41	-65.08	1.56	7.38	V
									V
									V
									V
									V

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