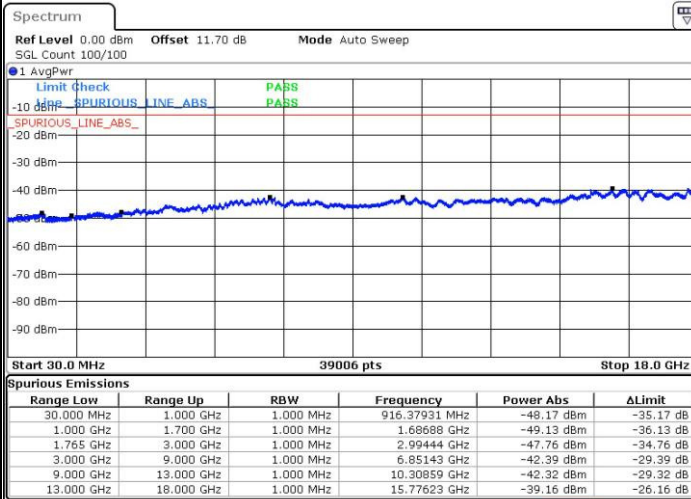




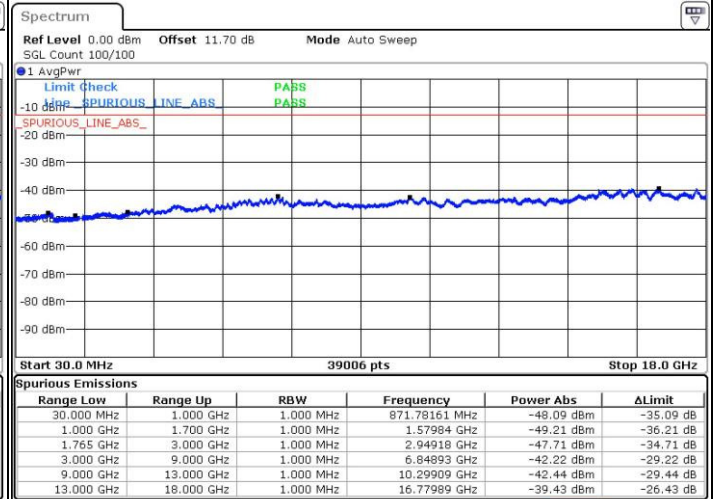
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



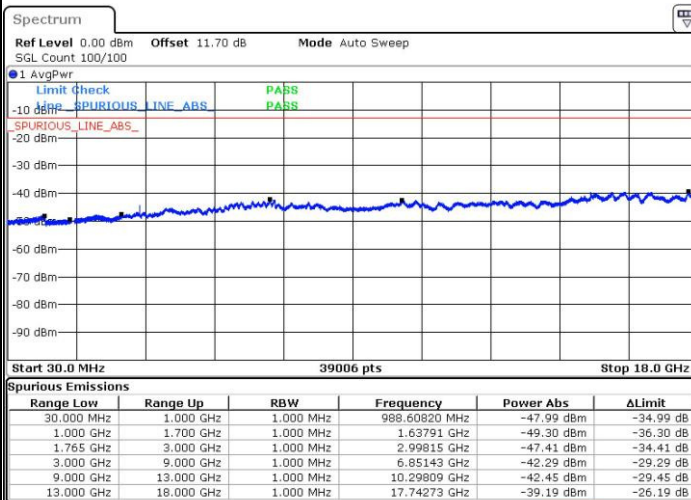
Date: 10.OCT.2016 19:52:01



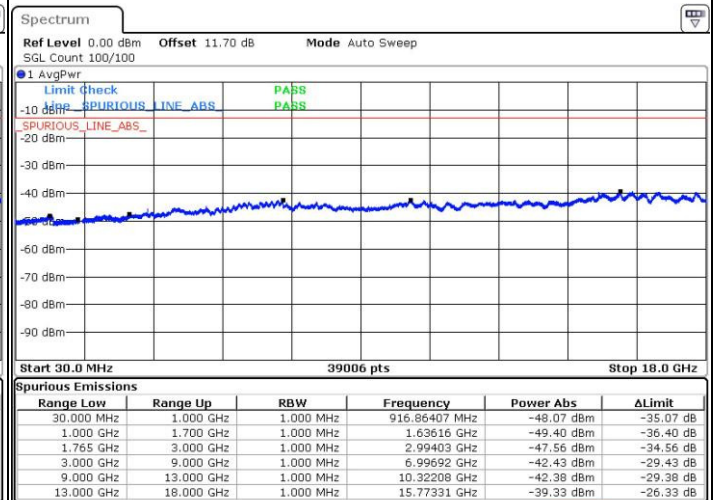
Date: 10.OCT.2016 19:52:56

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.OCT.2016 19:54:31

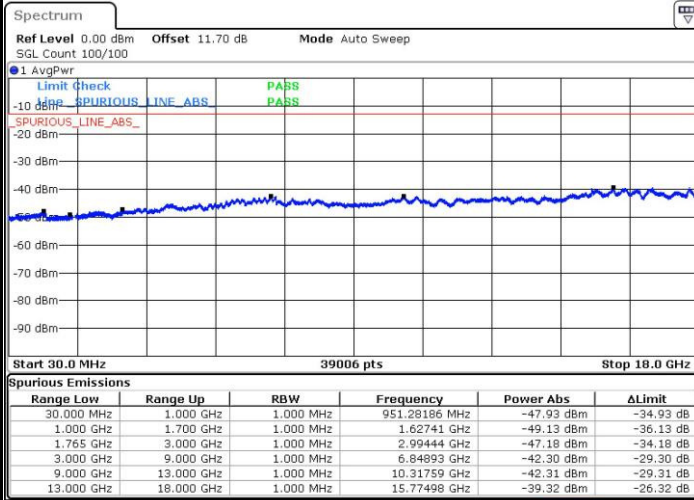


Date: 10.OCT.2016 19:55:26



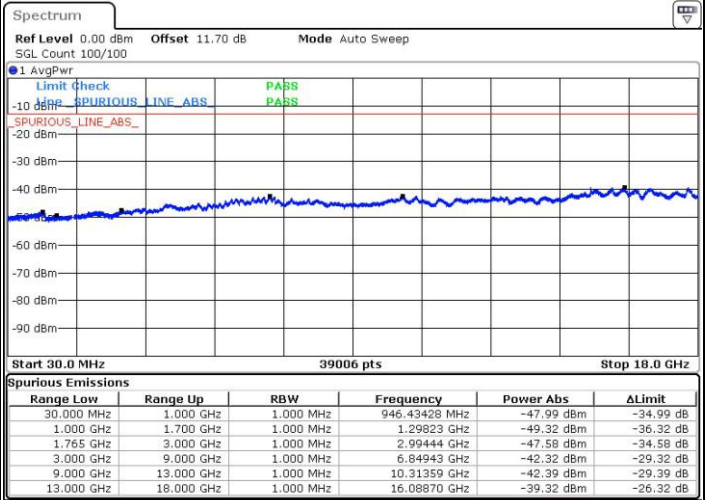
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 10.OCT.2016 20:01:39

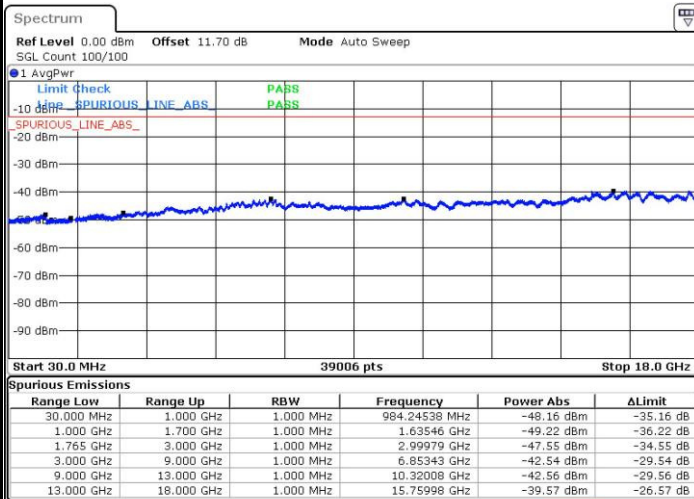
Highest Channel / 16QAM



Date: 10.OCT.2016 20:02:33

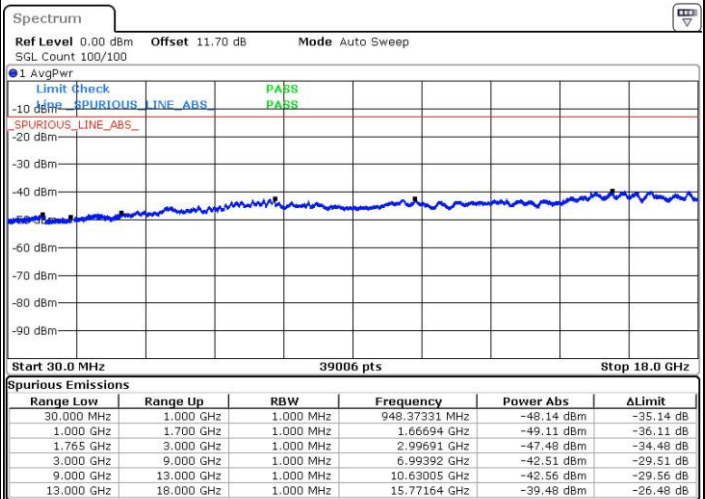
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 10.OCT.2016 18:28:21

Lowest Channel / 16QAM

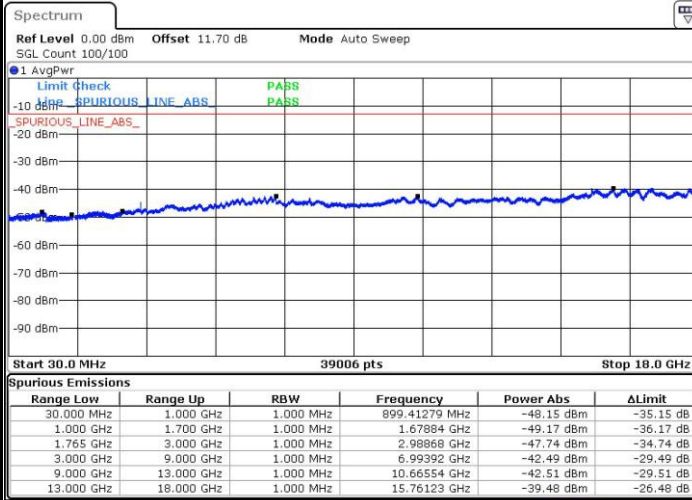


Date: 10.OCT.2016 18:29:16



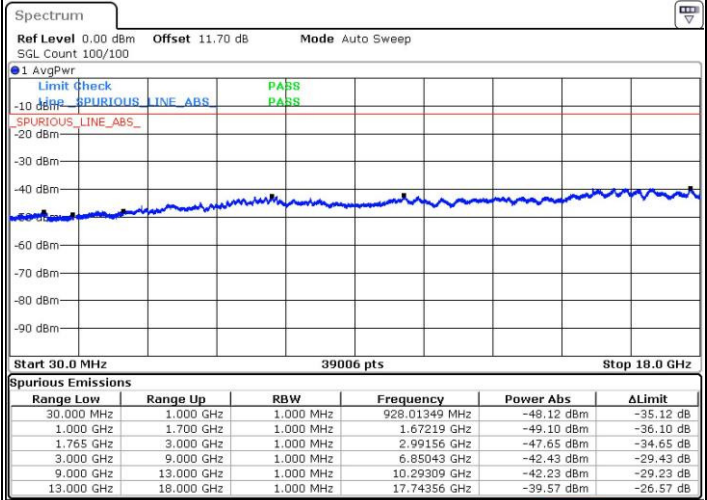
LTE Band 4 / 3MHz

Middle Channel / QPSK



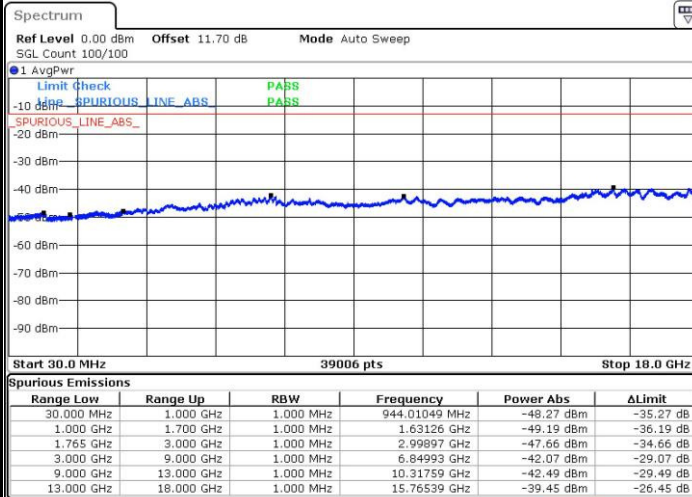
Date: 10.OCT.2016 18:30:52

Middle Channel / 16QAM



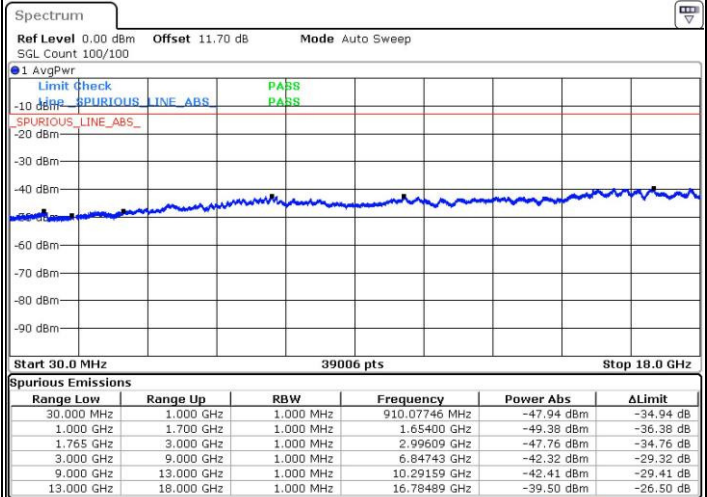
Date: 10.OCT.2016 18:31:46

Highest Channel / QPSK



Date: 10.OCT.2016 18:37:59

Highest Channel / 16QAM

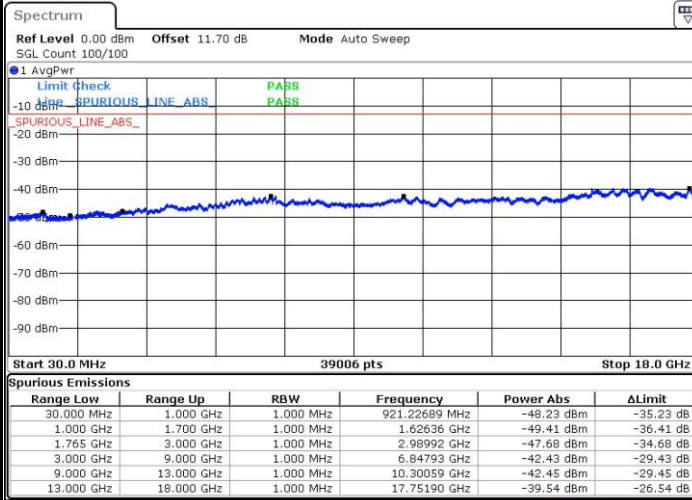


Date: 10.OCT.2016 18:38:54



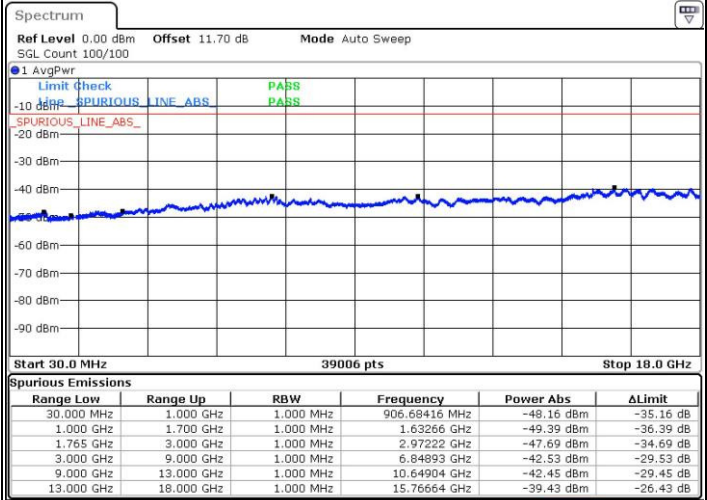
LTE Band 4 / 5MHz

Lowest Channel / QPSK



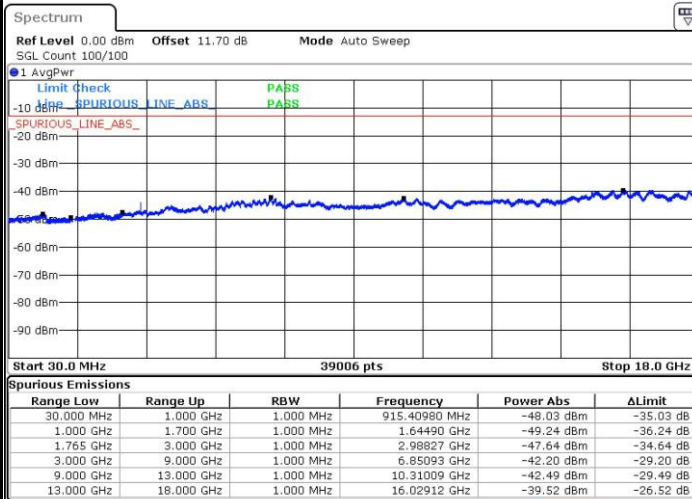
Date: 10.OCT.2016 18:45:06

Lowest Channel / 16QAM



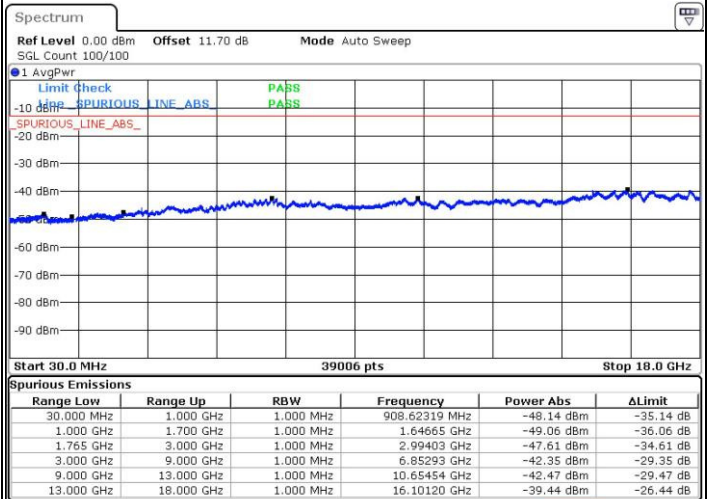
Date: 10.OCT.2016 18:46:01

Middle Channel / QPSK



Date: 10.OCT.2016 18:47:36

Middle Channel / 16QAM

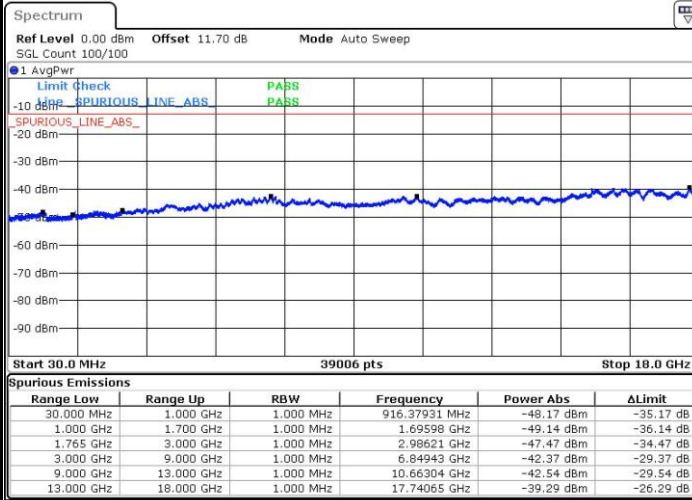


Date: 10.OCT.2016 18:48:31



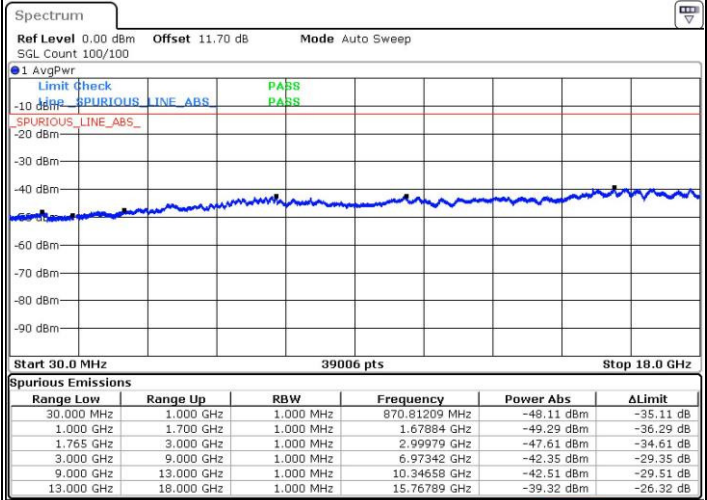
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 10.OCT.2016 18:54:43

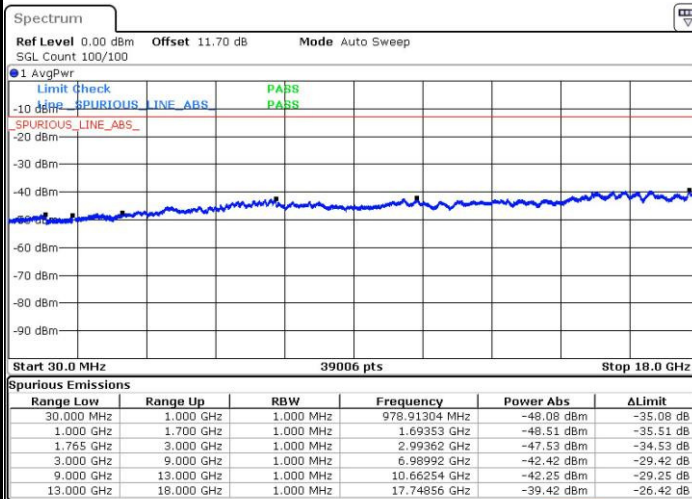
Highest Channel / 16QAM



Date: 10.OCT.2016 18:55:38

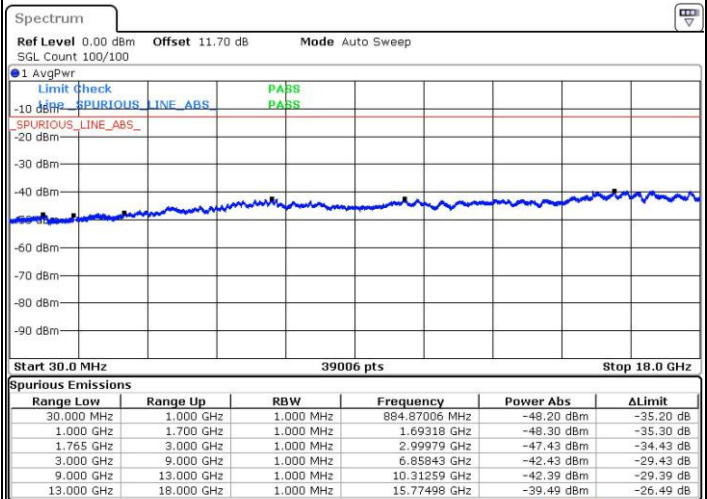
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 10.OCT.2016 19:01:50

Lowest Channel / 16QAM

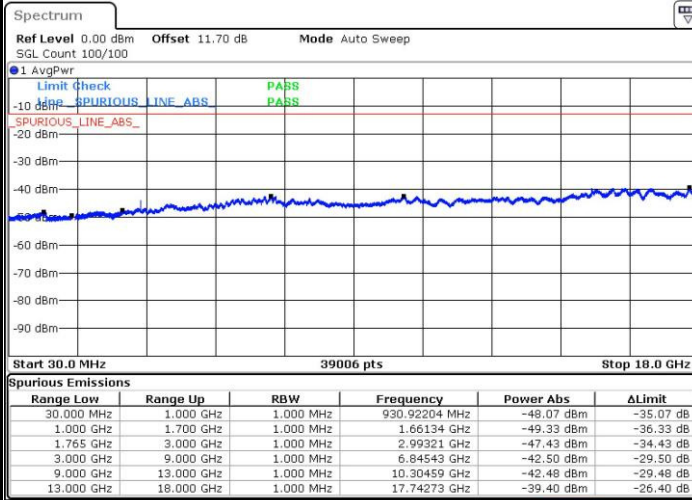


Date: 10.OCT.2016 19:02:44



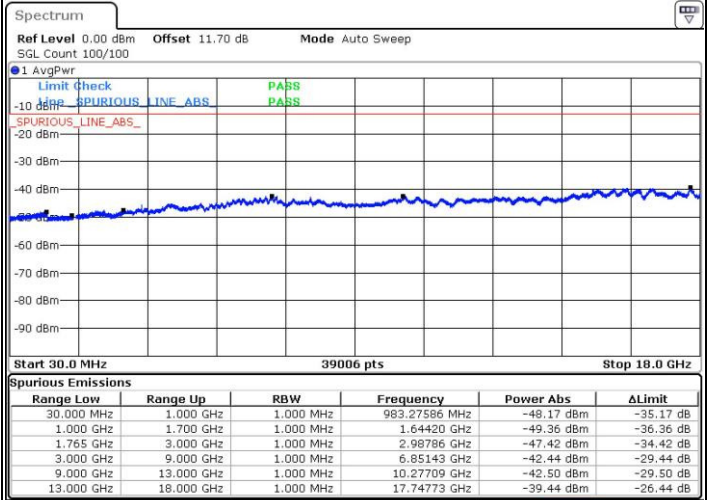
LTE Band 4 / 10MHz

Middle Channel / QPSK



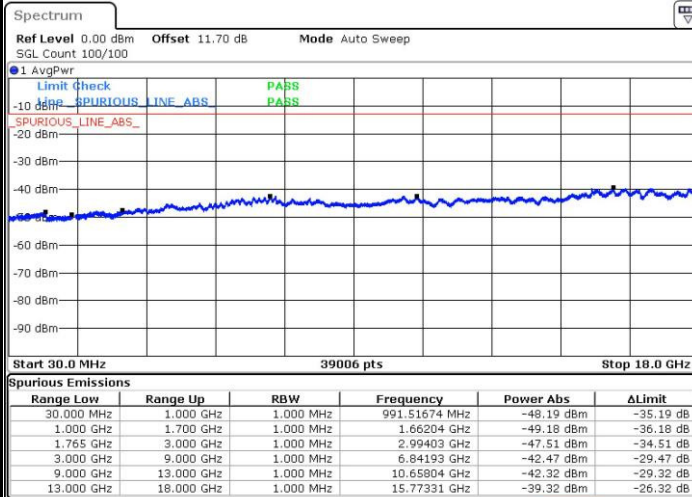
Date: 10.OCT.2016 19:04:20

Middle Channel / 16QAM



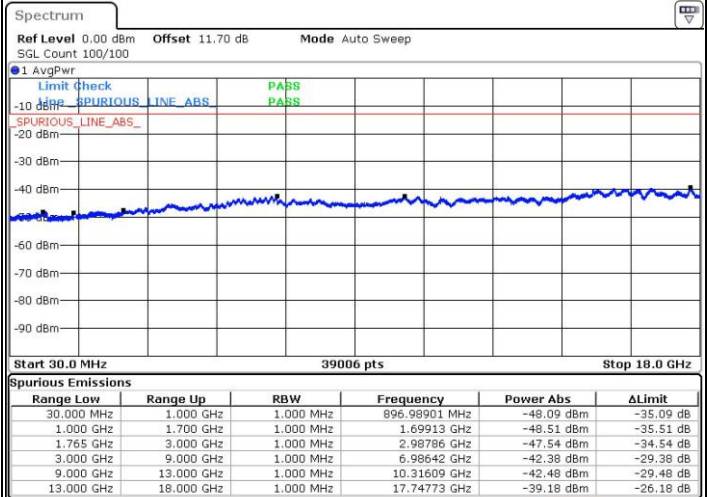
Date: 10.OCT.2016 19:05:15

Highest Channel / QPSK



Date: 10.OCT.2016 19:11:27

Highest Channel / 16QAM

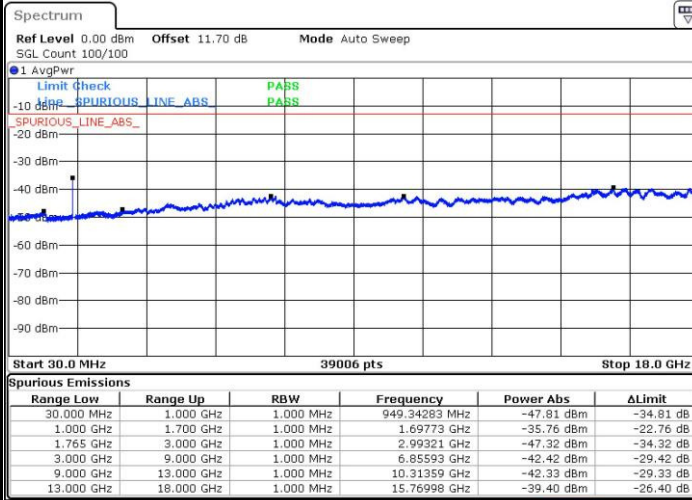


Date: 10.OCT.2016 19:12:21



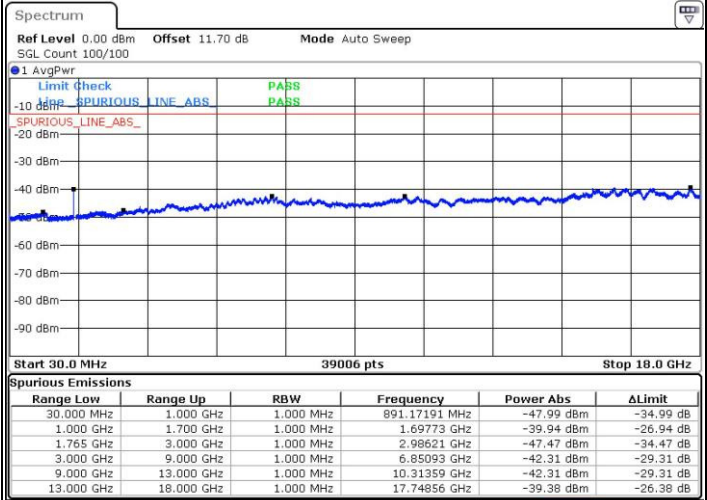
LTE Band 4 / 15MHz

Lowest Channel / QPSK



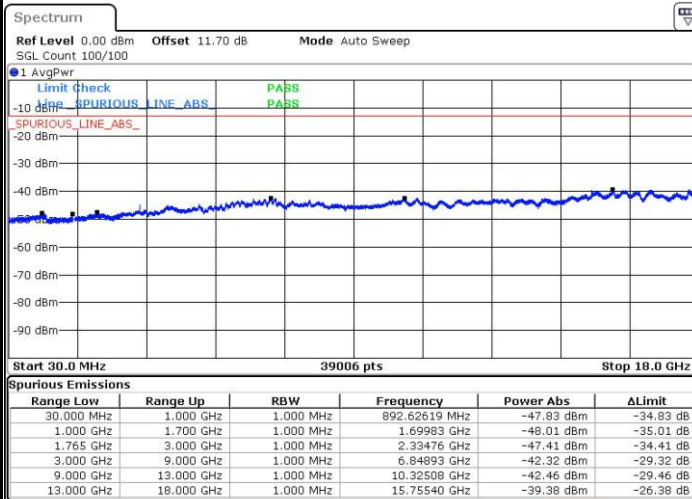
Date: 10.OCT.2016 19:18:33

Lowest Channel / 16QAM



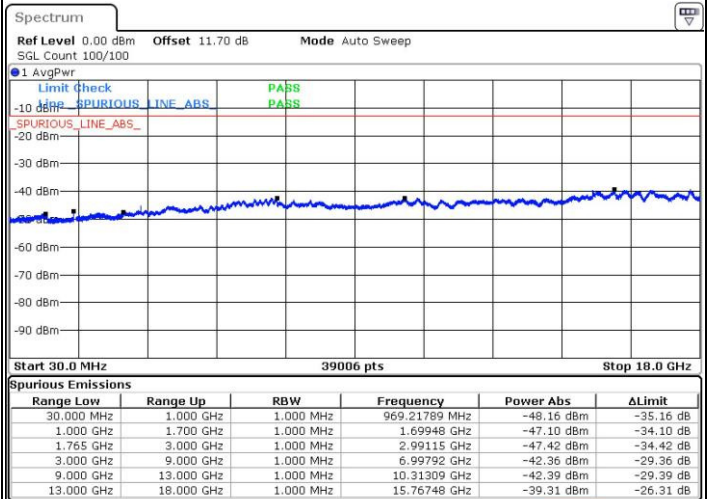
Date: 10.OCT.2016 19:19:28

Middle Channel / QPSK



Date: 10.OCT.2016 19:21:04

Middle Channel / 16QAM

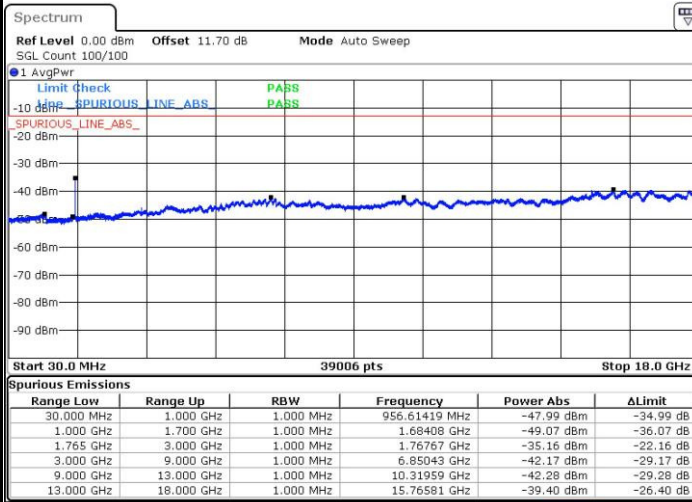


Date: 10.OCT.2016 19:21:58



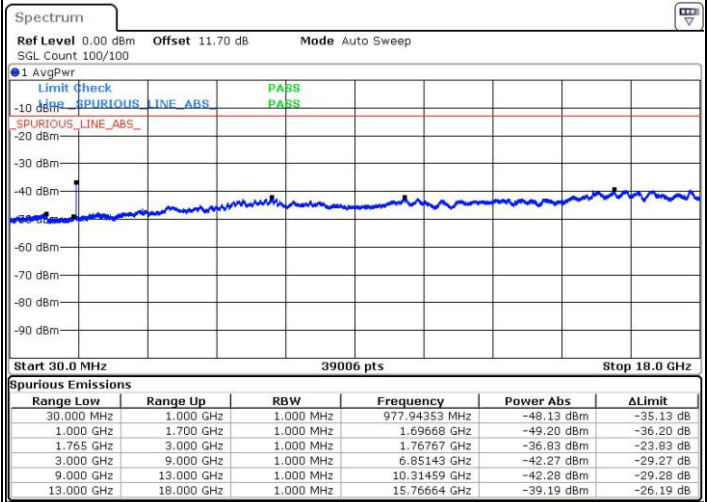
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 10.OCT.2016 19:28:10

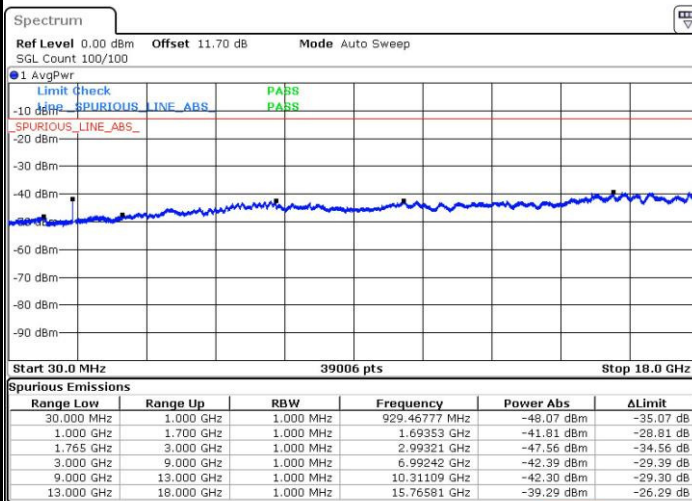
Highest Channel / 16QAM



Date: 10.OCT.2016 19:29:05

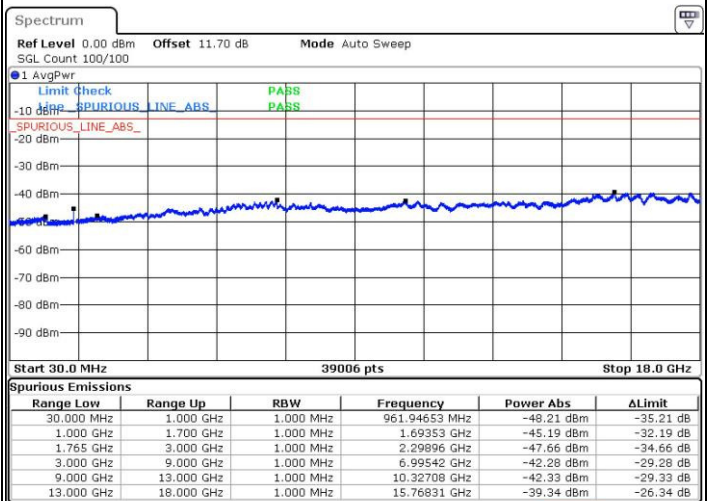
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 10.OCT.2016 19:35:17

Lowest Channel / 16QAM

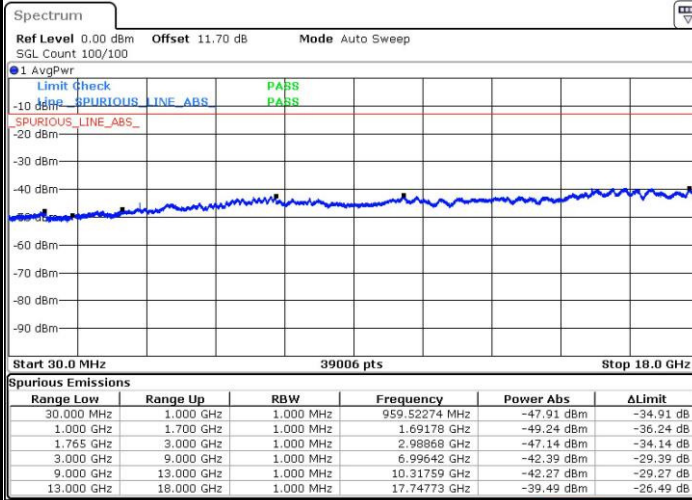


Date: 10.OCT.2016 19:36:12



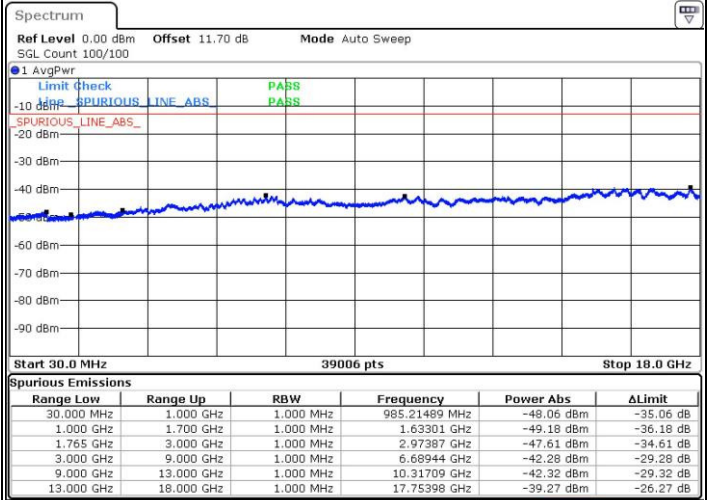
LTE Band 4 / 20MHz

Middle Channel / QPSK



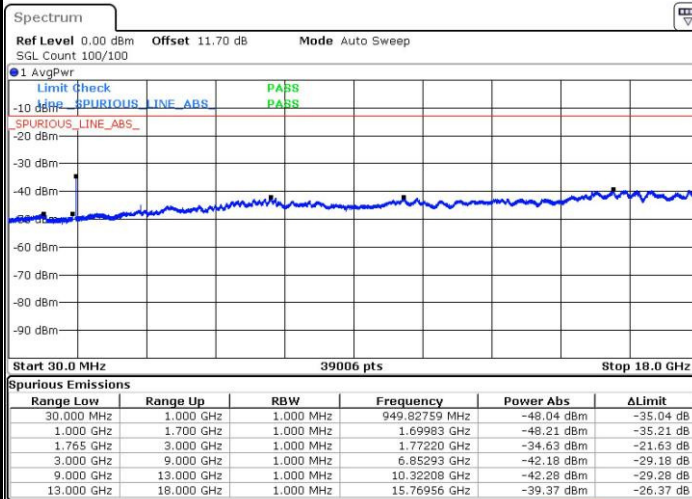
Date: 10.OCT.2016 19:37:47

Middle Channel / 16QAM



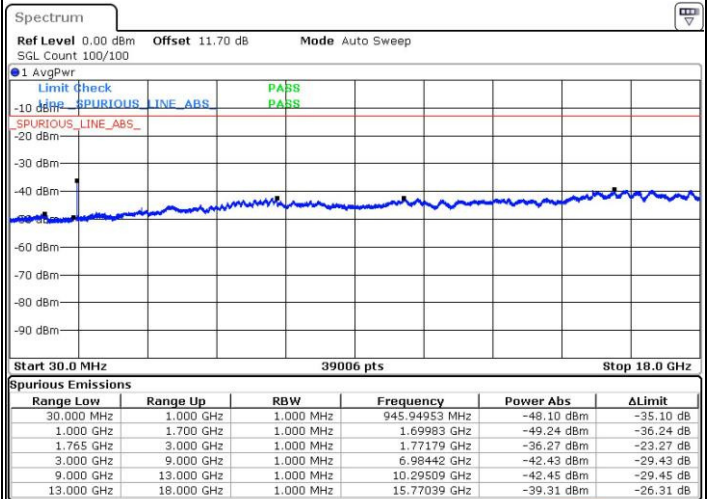
Date: 10.OCT.2016 19:38:42

Highest Channel / QPSK



Date: 10.OCT.2016 19:44:54

Highest Channel / 16QAM

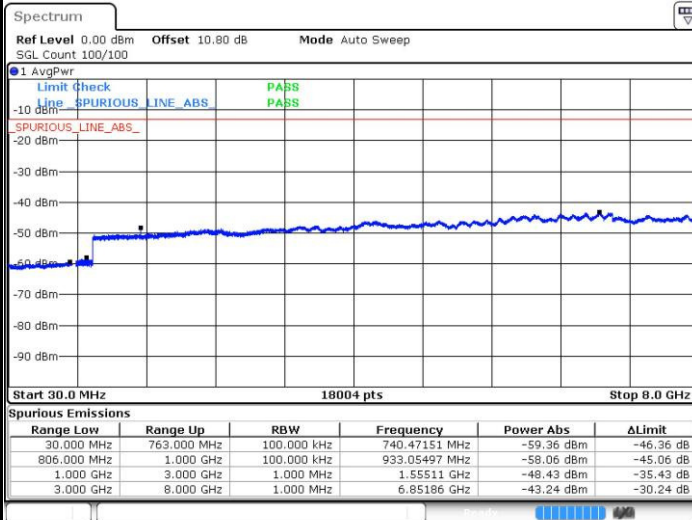


Date: 10.OCT.2016 19:45:49



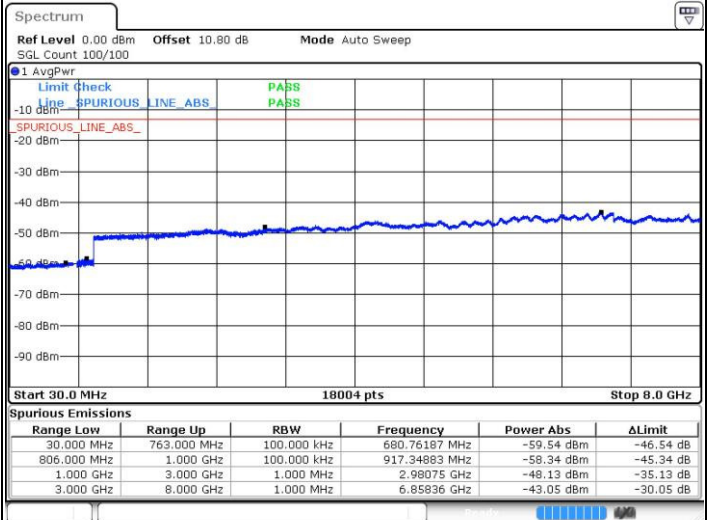
LTE Band 13 / 5MHz

Lowest Channel / QPSK



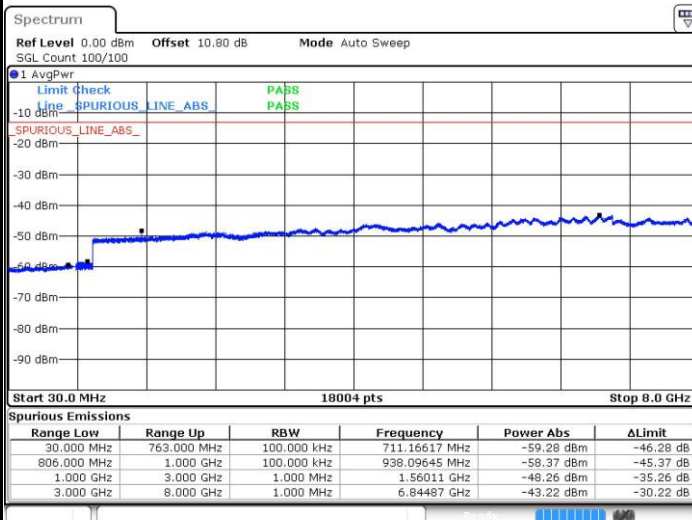
Date: 10.OCT.2016 20:28:34

Lowest Channel / 16QAM



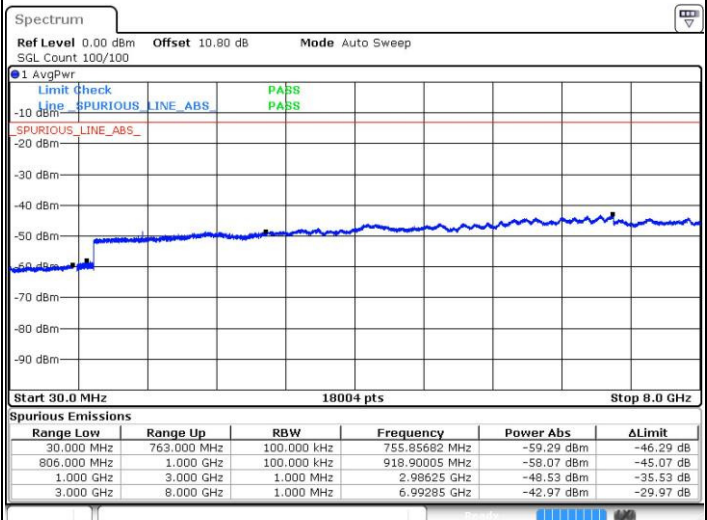
Date: 10.OCT.2016 20:29:28

Middle Channel / QPSK



Date: 10.OCT.2016 20:31:16

Middle Channel / 16QAM

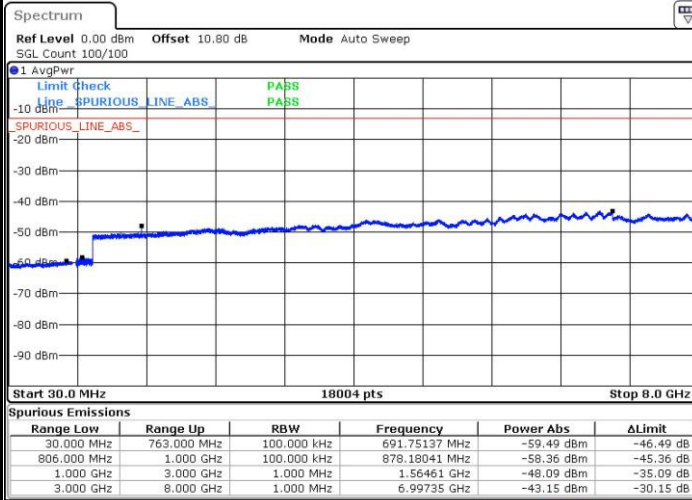


Date: 10.OCT.2016 20:30:22



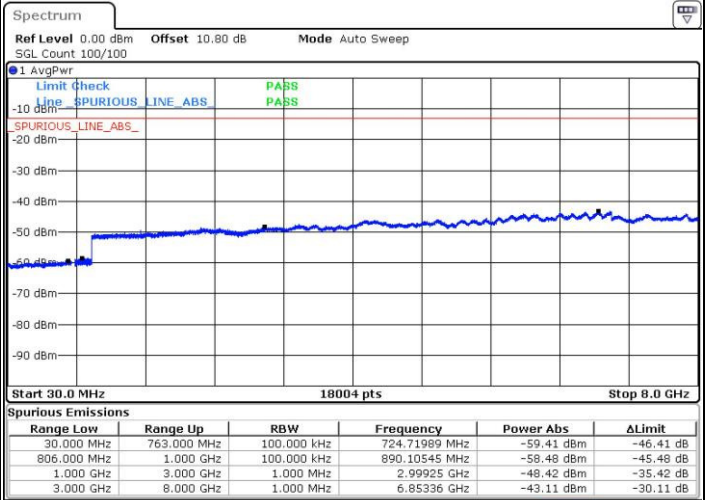
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 10.OCT.2016 20:40:10

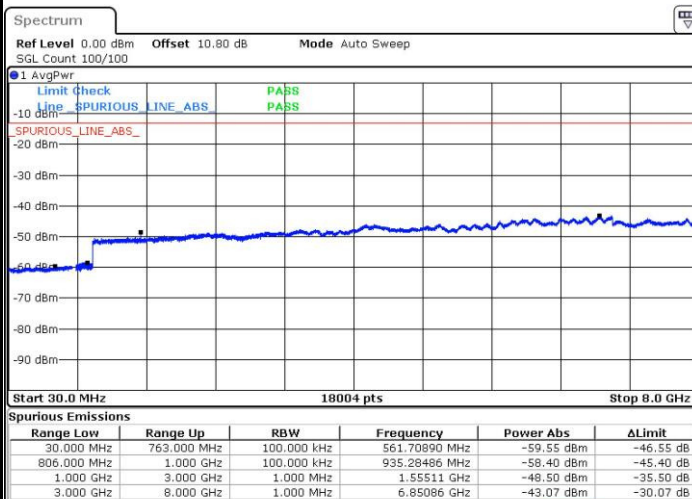
Highest Channel / 16QAM



Date: 10.OCT.2016 20:41:04

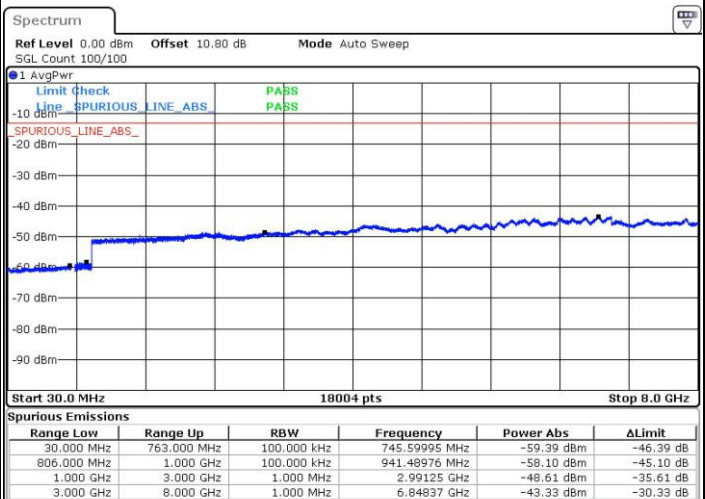
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 10.OCT.2016 20:53:29

Middle Channel / 16QAM



Date: 10.OCT.2016 20:52:35

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	0.0073	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0073	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0066	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0072	
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	0.0078	PASS
40	Normal Voltage	0.0088	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0080	
-30	Normal Voltage	0.0087	
20	Maximum Voltage	0.0092	
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 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0120	
30	Normal Voltage	0.0121	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0114	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0110	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0104	

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)
Lowest	3702	-55.63	-13	-42.63	-72.48	-62.2	1.67	8.24	H
	5550	-55.16	-13	-42.16	-77.8	-62.23	2.65	9.72	H
	7400	-50.49	-13	-37.49	-77.56	-59.63	2.46	11.60	H
	3702	-52.51	-13	-39.51	-69.52	-59.08	1.67	8.24	V
	5550	-55.31	-13	-42.31	-77.78	-62.38	2.65	9.72	V
	7400	-50.58	-13	-37.58	-77.68	-59.72	2.46	11.60	V
Middle	3762	-54.50	-13	-41.50	-71.49	-61.13	1.69	8.31	H
	5640	-54.39	-13	-41.39	-77.12	-61.44	2.71	9.76	H
	7518	-50.10	-13	-37.10	-77.38	-59.49	2.42	11.81	H
	3762	-54.09	-13	-41.09	-71.32	-60.72	1.69	8.31	V
	5640	-54.90	-13	-41.90	-77.45	-61.95	2.71	9.76	V
	7518	-49.85	-13	-36.85	-77.3	-59.24	2.42	11.81	V
Highest	3816	-56.53	-13	-43.53	-73.71	-63.21	1.70	8.38	H
	5724	-54.48	-13	-41.48	-77.32	-61.52	2.75	9.79	H
	7632	-49.65	-13	-36.65	-77.08	-59.14	2.39	11.88	H
	3816	-55.00	-13	-42.00	-72.35	-61.68	1.70	8.38	V
	5724	-54.60	-13	-41.60	-77.38	-61.64	2.75	9.79	V
	7632	-49.76	-13	-36.76	-77.28	-59.25	2.39	11.88	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	3702	-54.92	-13	-41.92	-71.82	-61.49	1.67	8.24	H
	5550	-55.25	-13	-42.25	-77.91	-62.32	2.65	9.72	H
	7398	-50.34	-13	-37.34	-77.43	-59.47	2.46	11.60	H
	3702	-53.25	-13	-40.25	-70.23	-59.82	1.67	8.24	V
	5550	-55.38	-13	-42.38	-77.84	-62.45	2.65	9.72	V
	7398	-49.98	-13	-36.98	-77.03	-59.11	2.46	11.60	V
Middle	3756	-53.20	-13	-40.20	-70.18	-59.82	1.68	8.31	H
	5634	-54.56	-13	-41.56	-77.32	-61.61	2.70	9.75	H
	7512	-49.85	-13	-36.85	-77.21	-59.23	2.43	11.81	H
	3756	-53.26	-13	-40.26	-70.42	-59.88	1.68	8.31	V
	5634	-54.49	-13	-41.49	-77.06	-61.54	2.70	9.75	V
	7512	-49.70	-13	-36.70	-77.14	-59.08	2.43	11.81	V
Highest	3816	-54.19	-13	-41.19	-71.42	-60.87	1.70	8.38	H
	5724	-54.77	-13	-41.77	-77.73	-61.81	2.75	9.79	H
	7626	-49.70	-13	-36.70	-77.14	-59.19	2.39	11.88	H
	3816	-51.35	-13	-38.35	-68.57	-58.03	1.70	8.38	V
	5724	-54.74	-13	-41.74	-77.52	-61.78	2.75	9.79	V
	7626	-49.52	-13	-36.52	-77.04	-59.01	2.39	11.88	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	3702	-55.32	-13	-42.32	-72.2	-61.89	1.67	8.24	H
	5550	-55.38	-13	-42.38	-77.97	-62.45	2.65	9.72	H
	7398	-50.41	-13	-37.41	-77.55	-59.54	2.46	11.60	H
	3702	-54.27	-13	-41.27	-71.27	-60.84	1.67	8.24	V
	5550	-55.45	-13	-42.45	-77.99	-62.52	2.65	9.72	V
	7398	-50.42	-13	-37.42	-77.51	-59.55	2.46	11.60	V
Middle	3756	-54.85	-13	-41.85	-71.94	-61.47	1.68	8.31	H
	5634	-54.68	-13	-41.68	-77.51	-61.73	2.70	9.75	H
	7512	-49.62	-13	-36.62	-76.92	-59	2.43	11.81	H
	3756	-54.06	-13	-41.06	-71.17	-60.68	1.68	8.31	V
	5634	-54.56	-13	-41.56	-77.15	-61.61	2.70	9.75	V
	7512	-49.67	-13	-36.67	-77.11	-59.05	2.43	11.81	V
Highest	3810	-54.39	-13	-41.39	-71.55	-61.06	1.70	8.37	H
	5712	-54.65	-13	-41.65	-77.57	-61.69	2.75	9.78	H
	7620	-49.75	-13	-36.75	-77.12	-59.23	2.39	11.87	H
	3810	-52.22	-13	-39.22	-69.49	-58.89	1.70	8.37	V
	5712	-54.81	-13	-41.81	-77.6	-61.85	2.75	9.78	V
	7620	-49.78	-13	-36.78	-77.25	-59.26	2.39	11.87	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	3702	-55.65	-13	-42.65	-72.5	-62.22	1.67	8.24	H
	5556	-55.26	-13	-42.26	-77.89	-62.33	2.66	9.72	H
	7404	-50.74	-13	-37.74	-77.85	-59.89	2.46	11.61	H
	3702	-52.99	-13	-39.99	-70	-59.56	1.67	8.24	V
	5556	-55.54	-13	-42.54	-78	-62.61	2.66	9.72	V
	7404	-50.40	-13	-37.40	-77.56	-59.55	2.46	11.61	V
Middle	3750	-55.35	-13	-42.35	-72.36	-61.97	1.68	8.30	H
	5628	-54.95	-13	-41.95	-77.8	-62	2.70	9.75	H
	7500	-49.97	-13	-36.97	-77.29	-59.34	2.43	11.80	H
	3750	-54.32	-13	-41.32	-71.46	-60.94	1.68	8.30	V
	5628	-54.89	-13	-41.89	-77.49	-61.94	2.70	9.75	V
	7500	-49.67	-13	-36.67	-77.09	-59.04	2.43	11.80	V
Highest	3804	-55.83	-13	-42.83	-72.99	-62.5	1.70	8.36	H
	5706	-55.00	-13	-42.00	-77.88	-62.04	2.74	9.78	H
	7608	-50.43	-13	-37.43	-77.85	-59.9	2.39	11.86	H
	3804	-53.35	-13	-40.35	-70.61	-60.02	1.70	8.36	V
	5706	-55.28	-13	-42.28	-77.96	-62.32	2.74	9.78	V
	7608	-50.37	-13	-37.37	-77.88	-59.84	2.39	11.86	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	3702	-55.97	-13	-42.97	-72.82	-62.54	1.67	8.24	H
	5556	-54.98	-13	-41.98	-77.61	-62.05	2.66	9.72	H
	7404	-50.48	-13	-37.48	-77.59	-59.63	2.46	11.61	H
	3702	-54.01	-13	-41.01	-71.02	-60.58	1.67	8.24	V
	5556	-55.39	-13	-42.39	-77.82	-62.46	2.66	9.72	V
	7404	-50.54	-13	-37.54	-77.7	-59.69	2.46	11.61	V
Middle	3750	-56.13	-13	-43.13	-73.14	-62.75	1.68	8.30	H
	5628	-54.89	-13	-41.89	-77.62	-61.94	2.70	9.75	H
	7500	-49.95	-13	-36.95	-77.25	-59.32	2.43	11.80	H
	3750	-54.69	-13	-41.69	-71.83	-61.31	1.68	8.30	V
	5628	-55.11	-13	-42.11	-77.71	-62.16	2.70	9.75	V
	7500	-49.89	-13	-36.89	-77.31	-59.26	2.43	11.80	V
Highest	3792	-56.90	-13	-43.90	-74.01	-63.55	1.70	8.35	H
	5688	-54.57	-13	-41.57	-77.43	-61.61	2.73	9.78	H
	7584	-50.31	-13	-37.31	-77.69	-59.76	2.40	11.85	H
	3792	-54.11	-13	-41.11	-71.32	-60.76	1.70	8.35	V
	5688	-54.81	-13	-41.81	-77.53	-61.85	2.73	9.78	V
	7584	-50.11	-13	-37.11	-77.59	-59.56	2.40	11.85	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	-55.50	-13	-42.50	-72.35	-62.07	1.67	8.24	H
	5550	-55.24	-13	-42.24	-77.93	-62.31	2.65	9.72	H
	7398	-50.62	-13	-37.62	-77.69	-59.75	2.46	11.60	H
	3702	-54.02	-13	-41.02	-71.01	-60.59	1.67	8.24	V
	5550	-55.28	-13	-42.28	-77.74	-62.35	2.65	9.72	V
	7398	-50.53	-13	-37.53	-77.67	-59.66	2.46	11.60	V
Middle	3744	-55.21	-13	-42.21	-72.25	-61.82	1.68	8.29	H
	5610	-54.95	-13	-41.95	-77.62	-62.01	2.69	9.74	H
	7482	-50.14	-13	-37.14	-77.38	-59.47	2.44	11.76	H
	3744	-54.06	-13	-41.06	-71.23	-60.67	1.68	8.29	V
	5610	-55.13	-13	-42.13	-77.76	-62.19	2.69	9.74	V
	7482	-49.88	-13	-36.88	-77.23	-59.21	2.44	11.76	V
Highest	3780	-56.48	-13	-43.48	-73.59	-63.12	1.69	8.34	H
	5670	-54.53	-13	-41.53	-77.41	-61.58	2.72	9.77	H
	7560	-49.82	-13	-36.82	-77.25	-59.25	2.41	11.84	H
	3780	-53.72	-13	-40.72	-70.92	-60.36	1.69	8.34	V
	5670	-54.52	-13	-41.52	-77.26	-61.57	2.72	9.77	V
	7560	-49.84	-13	-36.84	-77.25	-59.27	2.41	11.84	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	-54.71	-13	-41.71	-70.84	-60.78	1.58	7.65	H
	5130	-55.60	-13	-42.60	-77.05	-62.89	2.41	9.70	H
	6840	-51.80	-13	-38.80	-77.51	-59.77	2.64	10.61	H
	3420	-55.23	-13	-42.23	-71.48	-61.3	1.58	7.65	V
	5130	-55.74	-13	-42.74	-77.31	-63.03	2.41	9.70	V
	6840	-52.14	-13	-39.14	-77.62	-60.11	2.64	10.61	V
Middle	3462	-51.12	-13	-38.12	-67.31	-57.36	1.59	7.83	H
	5196	-55.66	-13	-42.66	-77.31	-62.91	2.45	9.70	H
	6928	-51.18	-13	-38.18	-77.18	-59.28	2.61	10.71	H
	3462	-52.74	-13	-39.74	-69.13	-58.98	1.59	7.83	V
	5196	-55.83	-13	-42.83	-77.54	-63.08	2.45	9.70	V
	6928	-51.46	-13	-38.46	-77.19	-59.56	2.61	10.71	V
Highest	3510	-55.01	-13	-42.01	-71.29	-61.41	1.61	8.01	H
	5268	-55.75	-13	-42.75	-77.6	-62.96	2.49	9.70	H
	7020	-51.22	-13	-38.22	-77.47	-59.48	2.58	10.84	H
	3510	-55.21	-13	-42.21	-71.73	-61.61	1.61	8.01	V
	5268	-55.60	-13	-42.60	-77.46	-62.81	2.49	9.70	V
	7020	-51.37	-13	-38.37	-77.33	-59.63	2.58	10.84	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	-54.13	-13	-41.13	-70.26	-60.2	1.58	7.65	H
	5127	-55.96	-13	-42.96	-77.41	-63.25	2.41	9.70	H
	6836	-51.96	-13	-38.96	-77.6	-59.92	2.64	10.60	H
	3420	-55.57	-13	-42.57	-71.82	-61.64	1.58	7.65	V
	5127	-56.10	-13	-43.10	-77.67	-63.39	2.41	9.70	V
	6836	-52.07	-13	-39.07	-77.49	-60.03	2.64	10.60	V
Middle	3462	-51.41	-13	-38.41	-67.6	-57.65	1.59	7.83	H
	5193	-55.63	-13	-42.63	-77.28	-62.88	2.45	9.70	H
	6924	-51.67	-13	-38.67	-77.6	-59.76	2.62	10.71	H
	3462	-53.84	-13	-40.84	-70.23	-60.08	1.59	7.83	V
	5193	-55.92	-13	-42.92	-77.63	-63.17	2.45	9.70	V
	6924	-52.15	-13	-39.15	-77.82	-60.24	2.62	10.71	V
Highest	3504	-58.03	-13	-45.03	-74.26	-64.43	1.61	8.00	H
	5256	-55.71	-13	-42.71	-77.51	-62.93	2.48	9.70	H
	7008	-50.78	-13	-37.78	-76.98	-59.01	2.59	10.82	H
	3504	-56.88	-13	-43.88	-73.36	-63.28	1.61	8.00	V
	5256	-55.92	-13	-42.92	-77.75	-63.14	2.48	9.70	V
	7008	-51.42	-13	-38.42	-77.32	-59.65	2.59	10.82	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	-53.10	-13	-40.10	-69.23	-59.17	1.58	7.65	H
	5130	-55.95	-13	-42.95	-77.4	-63.24	2.41	9.70	H
	6840	-51.65	-13	-38.65	-77.36	-59.62	2.64	10.61	H
	3420	-54.47	-13	-41.47	-70.72	-60.54	1.58	7.65	V
	5130	-55.91	-13	-42.91	-77.48	-63.2	2.41	9.70	V
	6840	-52.01	-13	-39.01	-77.49	-59.98	2.64	10.61	V
Middle	3462	-50.78	-13	-37.78	-66.97	-57.02	1.59	7.83	H
	5190	-55.65	-13	-42.65	-77.25	-62.9	2.45	9.70	H
	6920	-51.43	-13	-38.43	-77.36	-59.52	2.62	10.70	H
	3462	-53.43	-13	-40.43	-69.82	-59.67	1.59	7.83	V
	5190	-55.50	-13	-42.50	-77.18	-62.75	2.45	9.70	V
	6920	-51.87	-13	-38.87	-77.54	-59.96	2.62	10.70	V
Highest	3504	-59.04	-13	-46.04	-75.27	-65.44	1.61	8.00	H
	5250	-55.98	-13	-42.98	-77.78	-63.2	2.48	9.70	H
	7000	-50.98	-13	-37.98	-77.19	-59.19	2.59	10.80	H
	3504	-56.99	-13	-43.99	-73.47	-63.39	1.61	8.00	V
	5250	-55.73	-13	-42.73	-77.56	-62.95	2.48	9.70	V
	7000	-51.21	-13	-38.21	-77.12	-59.42	2.59	10.80	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	3420	-54.64	-13	-41.64	-70.77	-60.71	1.58	7.65	H
	5132	-55.83	-13	-42.83	-77.28	-63.12	2.41	9.70	H
	6842	-51.68	-13	-38.68	-77.39	-59.65	2.64	10.61	H
	3420	-55.14	-13	-42.14	-71.39	-61.21	1.58	7.65	V
	5132	-55.76	-13	-42.76	-77.33	-63.05	2.41	9.70	V
	6842	-52.12	-13	-39.12	-77.6	-60.09	2.64	10.61	V
Middle	3456	-51.55	-13	-38.55	-67.72	-57.77	1.59	7.81	H
	5184	-56.10	-13	-43.10	-77.7	-63.36	2.44	9.70	H
	6912	-51.34	-13	-38.34	-77.27	-59.42	2.62	10.69	H
	3456	-54.02	-13	-41.02	-70.36	-60.24	1.59	7.81	V
	5184	-55.74	-13	-42.74	-77.42	-63	2.44	9.70	V
	6912	-51.82	-13	-38.82	-77.49	-59.9	2.62	10.69	V
Highest	3492	-57.20	-13	-44.20	-73.43	-63.56	1.60	7.96	H
	5237	-56.10	-13	-43.10	-77.85	-63.33	2.47	9.70	H
	6982	-51.19	-13	-38.19	-77.33	-59.37	2.60	10.78	H
	3492	-55.29	-13	-42.29	-71.77	-61.65	1.60	7.96	V
	5237	-56.06	-13	-43.06	-77.85	-63.29	2.47	9.70	V
	6982	-51.70	-13	-38.70	-77.55	-59.88	2.60	10.78	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	3420	-54.91	-13	-41.91	-71.04	-60.98	1.58	7.65	H
	5130	-56.49	-13	-43.49	-77.26	-63.78	2.41	9.70	H
	6840	-51.91	-13	-38.91	-77.68	-59.88	2.64	10.61	H
	3420	-55.20	-13	-42.20	-71.45	-61.27	1.58	7.65	V
	5130	-55.65	-13	-42.65	-77.25	-62.94	2.41	9.70	V
	6840	-52.01	-13	-39.01	-77.49	-59.98	2.64	10.61	V
Middle	3450	-50.96	-13	-37.96	-67.13	-57.15	1.59	7.78	H
	5172	-55.85	-13	-42.85	-77.4	-63.11	2.44	9.70	H
	6900	-51.83	-13	-38.83	-77.71	-59.89	2.62	10.68	H
	3450	-52.80	-13	-39.80	-69.17	-58.99	1.59	7.78	V
	5172	-55.78	-13	-42.78	-77.42	-63.04	2.44	9.70	V
	6900	-51.94	-13	-38.94	-77.66	-60	2.62	10.68	V
Highest	3480	-55.42	-13	-42.42	-72.61	-61.73	1.60	7.91	H
	5220	-55.98	-13	-42.98	-77.68	-63.22	2.46	9.70	H
	6960	-51.42	-13	-38.42	-77.51	-59.57	2.60	10.75	H
	3480	-54.14	-13	-41.14	-70.57	-60.45	1.60	7.91	V
	5220	-55.97	-13	-42.97	-77.72	-63.21	2.46	9.70	V
	6960	-51.62	-13	-38.62	-77.43	-59.77	2.60	10.75	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	3420	-55.07	-13	-42.07	-71.2	-61.14	1.58	7.65	H
	5130	-56.07	-13	-43.07	-77.54	-63.36	2.41	9.70	H
	6840	-51.84	-13	-38.84	-77.55	-59.81	2.64	10.61	H
	3420	-54.29	-13	-41.29	-70.54	-60.36	1.58	7.65	V
	5130	-55.61	-13	-42.61	-77.18	-62.9	2.41	9.70	V
	6840	-52.14	-13	-39.14	-77.62	-60.11	2.64	10.61	V
Middle	3450	-49.85	-13	-36.85	-66.02	-56.04	1.59	7.78	H
	5172	-55.92	-13	-42.92	-77.47	-63.18	2.44	9.70	H
	6900	-52.05	-13	-39.05	-77.93	-60.11	2.62	10.68	H
	3450	-53.68	-13	-40.68	-70.02	-59.87	1.59	7.78	V
	5172	-56.10	-13	-43.10	-77.74	-63.36	2.44	9.70	V
	6900	-52.15	-13	-39.15	-77.76	-60.21	2.62	10.68	V
Highest	3474	-52.57	-13	-39.57	-68.77	-58.86	1.60	7.89	H
	5208	-55.85	-13	-42.85	-77.55	-63.09	2.46	9.70	H
	6948	-51.28	-13	-38.28	-77.33	-59.41	2.61	10.74	H
	3474	-53.63	-13	-40.63	-70.06	-59.92	1.60	7.89	V
	5208	-55.64	-13	-42.64	-77.39	-62.88	2.46	9.70	V
	6948	-51.61	-13	-38.61	-77.38	-59.74	2.61	10.74	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)
Lowest	1552	-59.30	-13	-46.30	-68.62	-61.37	0.94	5.15	H
	2336	-56.25	-13	-43.25	-69.24	-57.77	1.24	4.91	H
	3112	-54.64	-13	-41.64	-70.40	-57.30	1.48	6.29	H
	1552	-59.31	-13	-46.31	-68.55	-61.38	0.94	5.15	V
	2336	-56.30	-13	-43.30	-69.31	-57.82	1.24	4.91	V
	3112	-52.95	-13	-39.95	-68.36	-55.61	1.48	6.29	V
Middle	1560	-57.69	-42.15	-15.54	-67.06	-59.73	0.94	5.13	H
	2344	-56.64	-13	-43.64	-69.64	-58.18	1.24	4.93	H
	3120	-53.47	-13	-40.47	-69.24	-56.16	1.49	6.33	H
	1560	-58.16	-42.15	-16.01	-67.45	-60.20	0.94	5.13	V
	2344	-56.48	-13	-43.48	-69.50	-58.02	1.24	4.93	V
	3120	-55.12	-13	-42.12	-70.57	-57.81	1.49	6.33	V
Highest	1568	-55.28	-42.15	-13.13	-67.65	-57.30	0.94	5.11	H
	2344	-56.01	-13	-43.01	-69.01	-57.55	1.24	4.93	H
	3128	-54.81	-13	-41.81	-70.58	-57.54	1.49	6.36	H
	1568	-58.19	-42.15	-16.04	-67.48	-60.21	0.94	5.11	V
	2344	-56.76	-13	-43.76	-69.78	-58.30	1.24	4.93	V
	3128	-53.93	-13	-40.93	-69.38	-56.66	1.49	6.36	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	1552	-58.88	-13	-45.88	-68.2	-60.95	0.94	5.15	H
	2336	-56.17	-13	-43.17	-69.16	-57.69	1.24	4.91	H
	3112	-53.84	-13	-40.84	-69.6	-56.5	1.48	6.29	H
	1552	-58.45	-13	-45.45	-67.69	-60.52	0.94	5.15	V
	2336	-55.03	-13	-42.03	-68.04	-56.55	1.24	4.91	V
	3112	-54.33	-13	-41.33	-69.74	-56.99	1.48	6.29	V

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