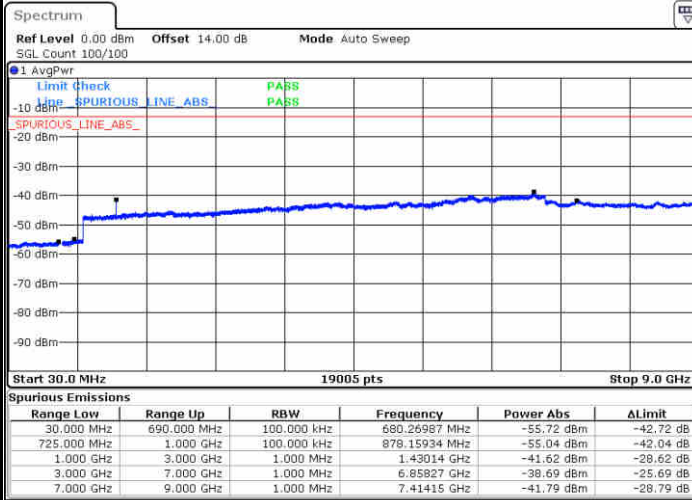




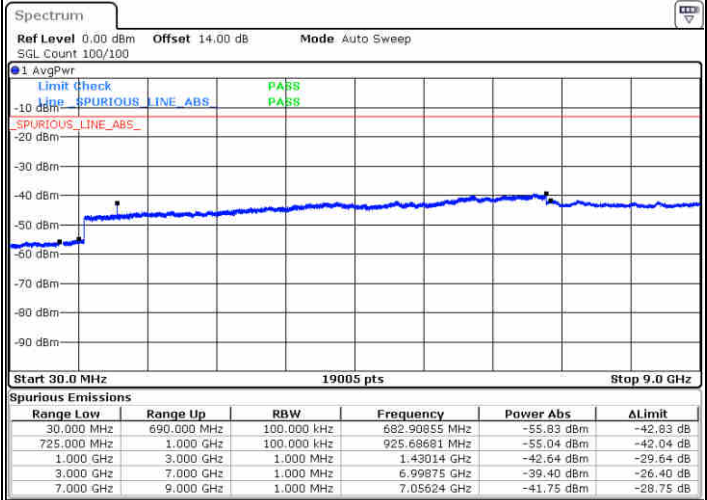
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 6 JUN 2019 15:34:53

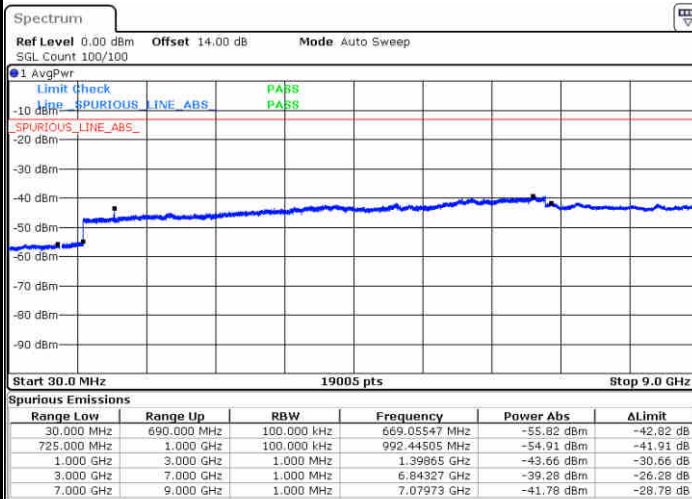
Highest Channel / 16QAM



Date: 6 JUN 2019 15:35:46

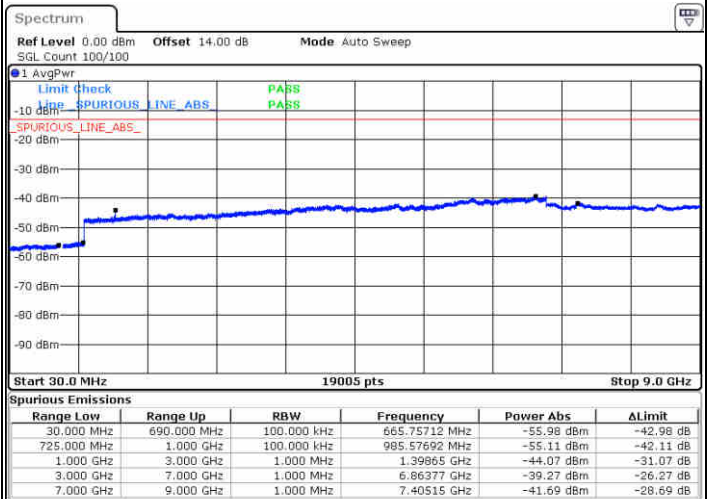
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 6 JUN 2019 14:32:46

Lowest Channel / 16QAM

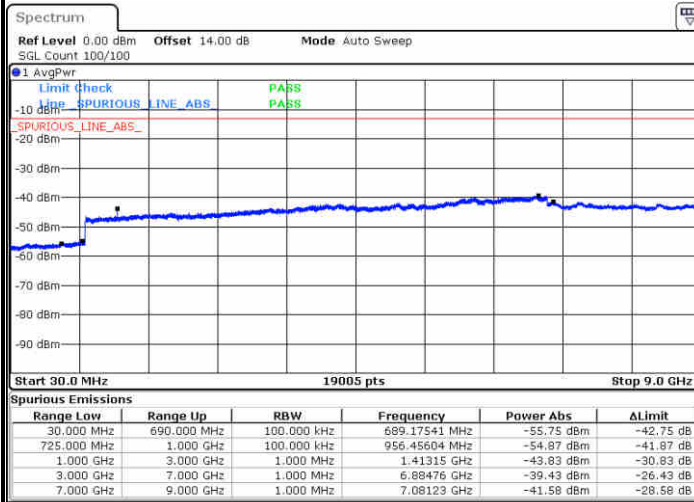


Date: 6 JUN 2019 14:33:40



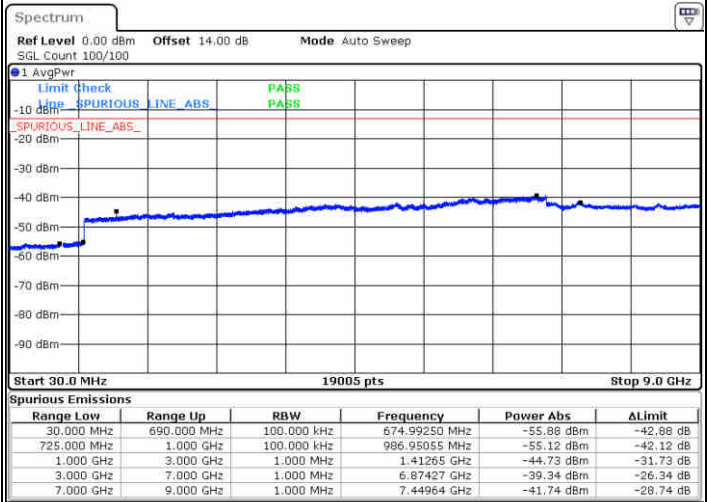
LTE Band 12 / 3MHz

Middle Channel / QPSK



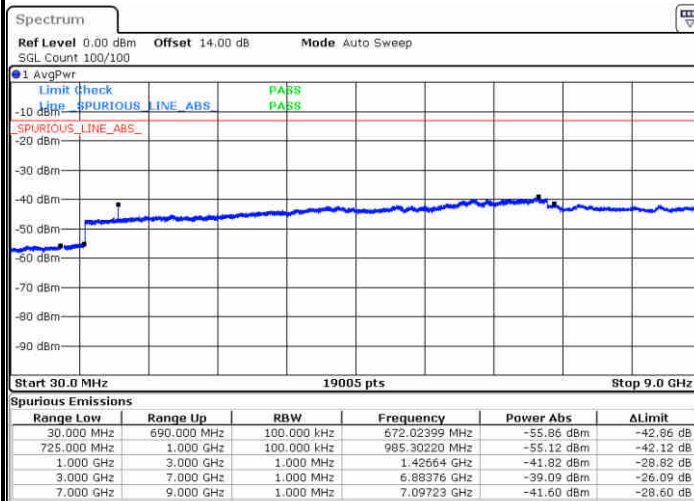
Date: 6 JUN 2019 14:35:15

Middle Channel / 16QAM



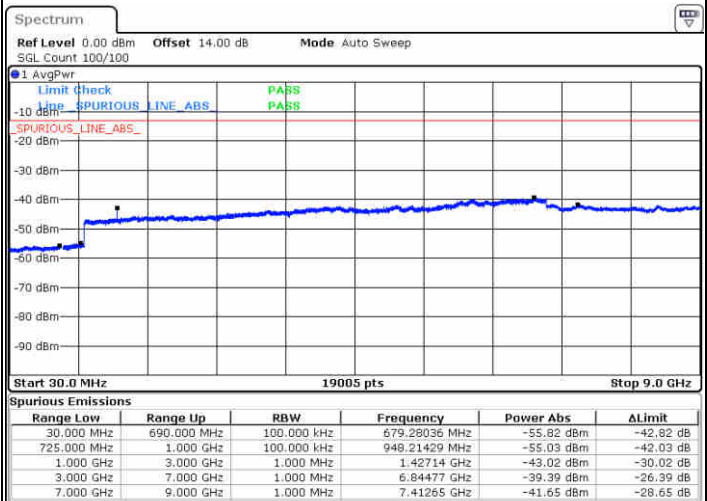
Date: 6 JUN 2019 14:36:08

Highest Channel / QPSK



Date: 6 JUN 2019 14:42:16

Highest Channel / 16QAM

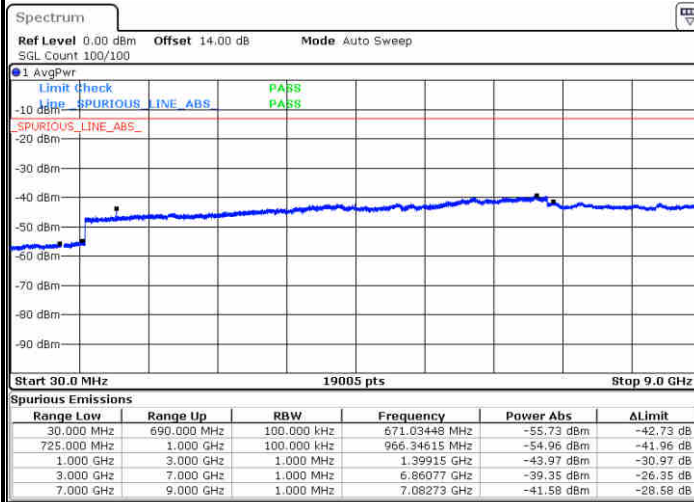


Date: 6 JUN 2019 14:43:09



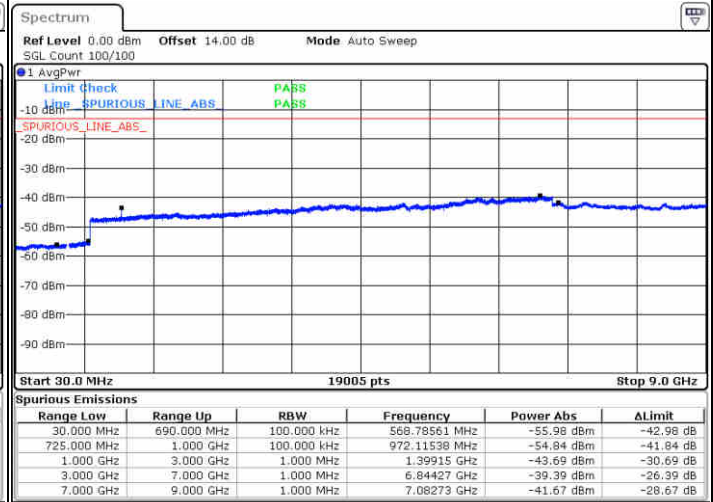
LTE Band 12 / 5MHz

Lowest Channel / QPSK



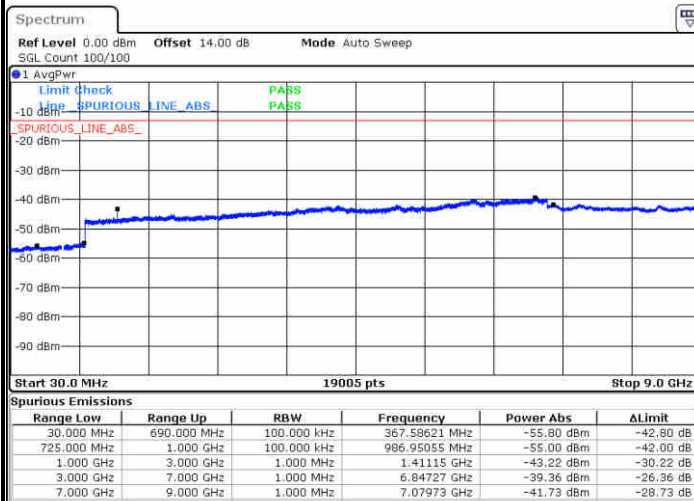
Date: 6 JUN 2019 14:56:09

Lowest Channel / 16QAM



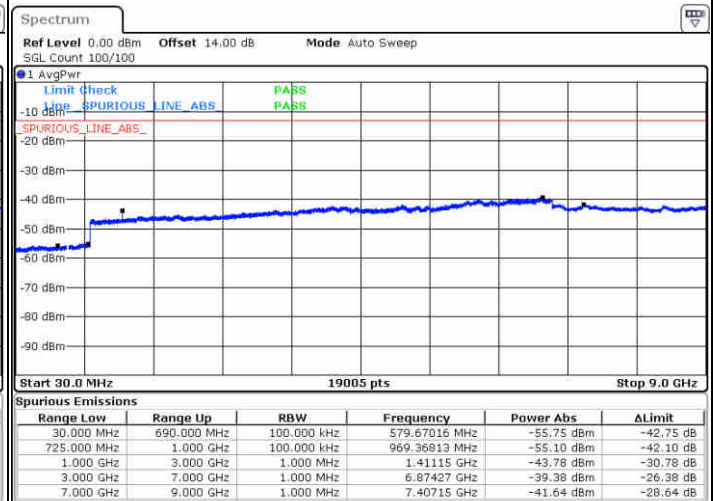
Date: 6 JUN 2019 14:57:03

Middle Channel / QPSK



Date: 6 JUN 2019 14:58:38

Middle Channel / 16QAM

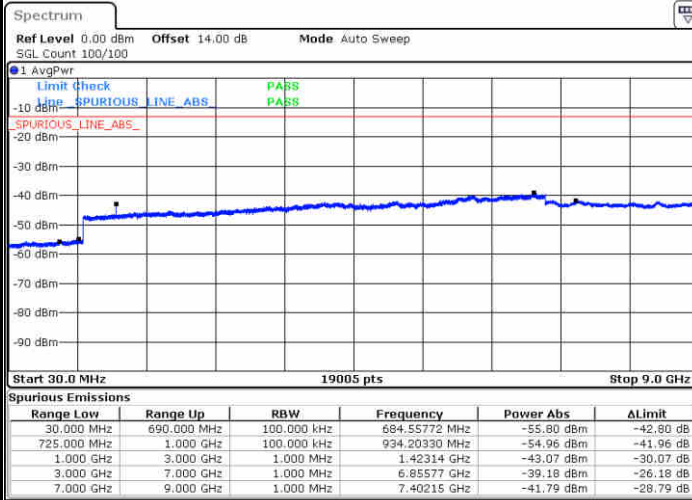


Date: 6 JUN 2019 14:59:31



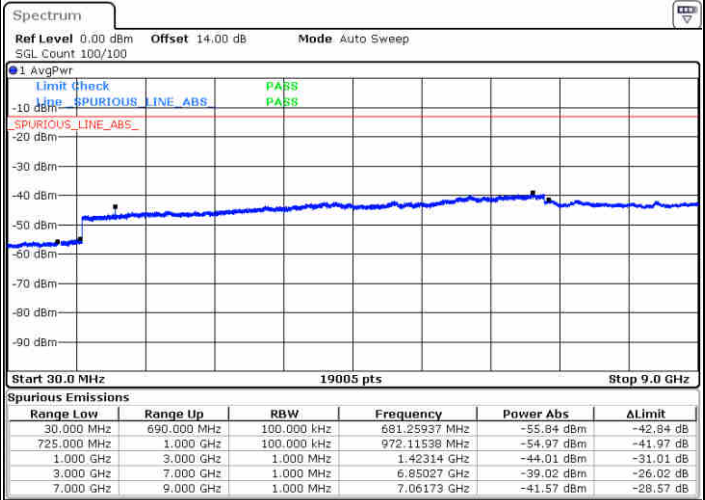
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 6 JUN 2019 15:05:39

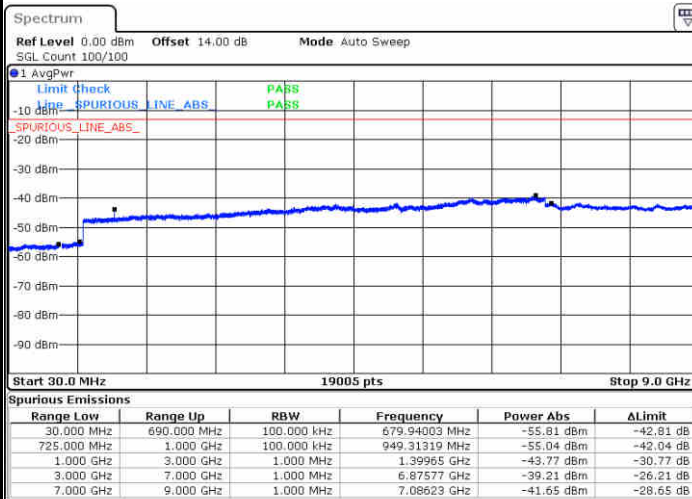
Highest Channel / 16QAM



Date: 6 JUN 2019 15:06:32

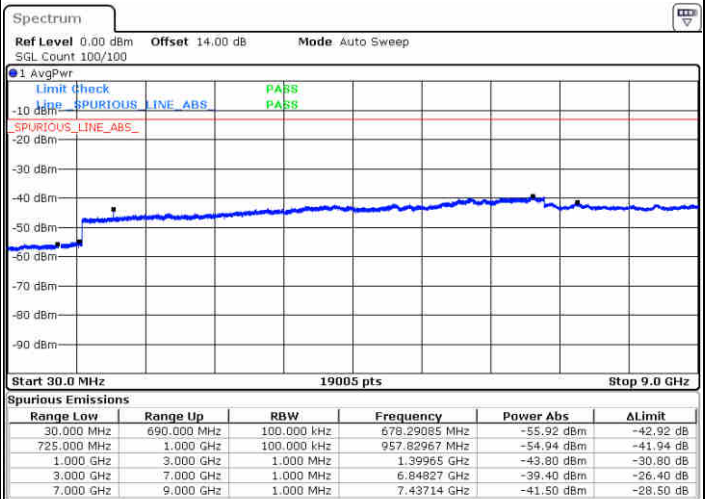
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 6 JUN 2019 13:54:48

Lowest Channel / 16QAM

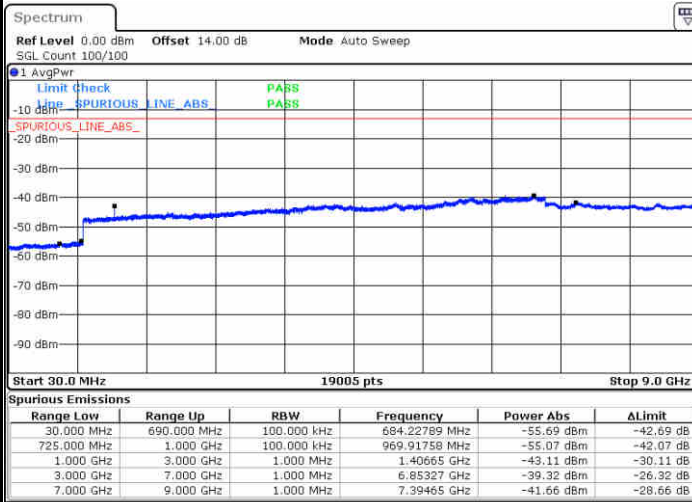


Date: 6 JUN 2019 14:14:28



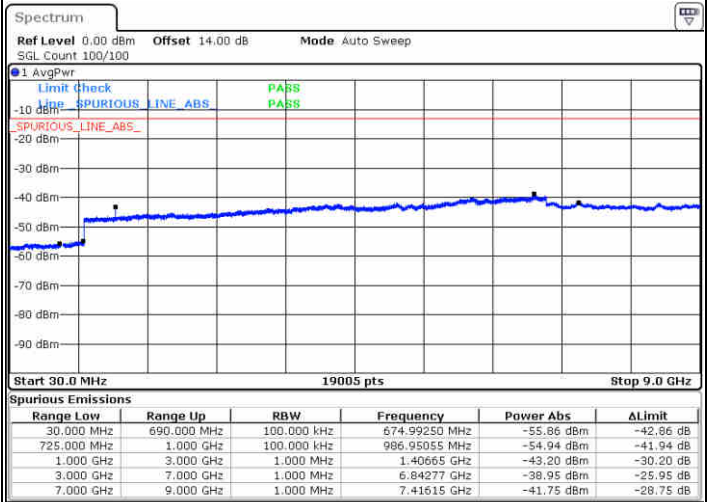
LTE Band 12 / 10MHz

Middle Channel / QPSK



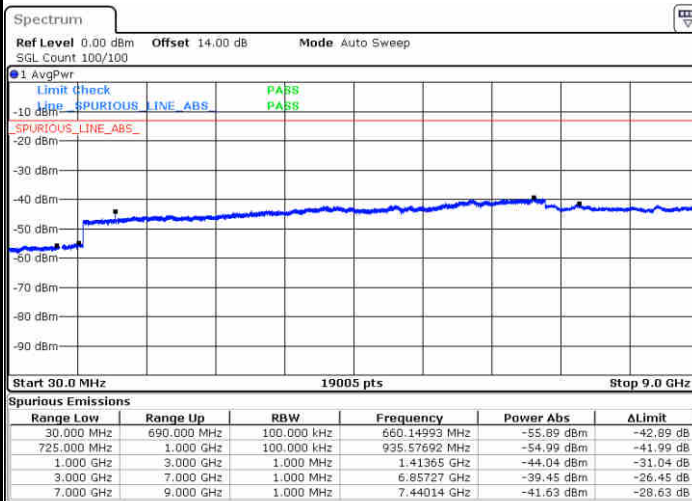
Date: 6 JUN 2019 14:16:03

Middle Channel / 16QAM



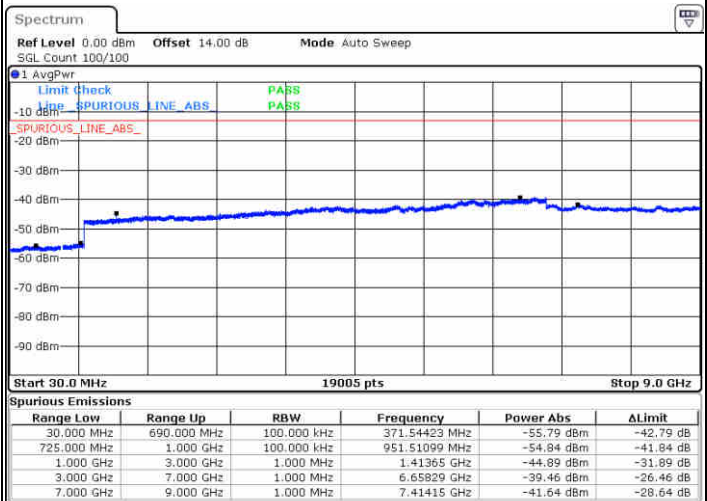
Date: 6 JUN 2019 14:16:56

Highest Channel / QPSK



Date: 6 JUN 2019 14:23:04

Highest Channel / 16QAM



Date: 6 JUN 2019 14:23:57

**Frequency Stability**

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0054	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0052	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



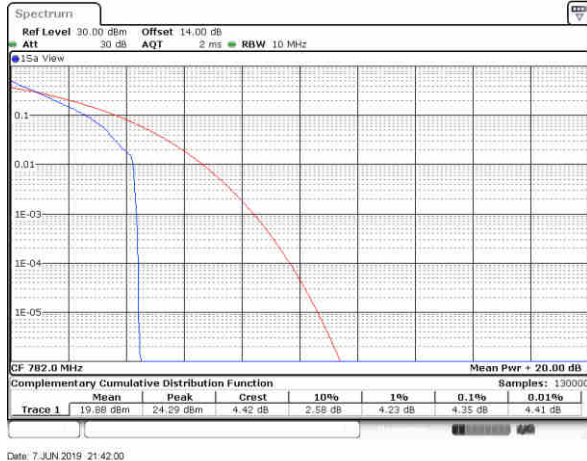
LTE Band 13

Peak-to-Average Ratio

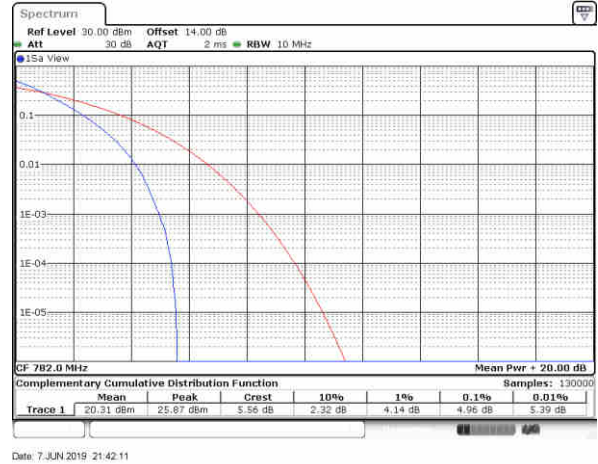
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.35	4.96	5.28	5.77	
Highest CH	-	-	-	-	

LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB

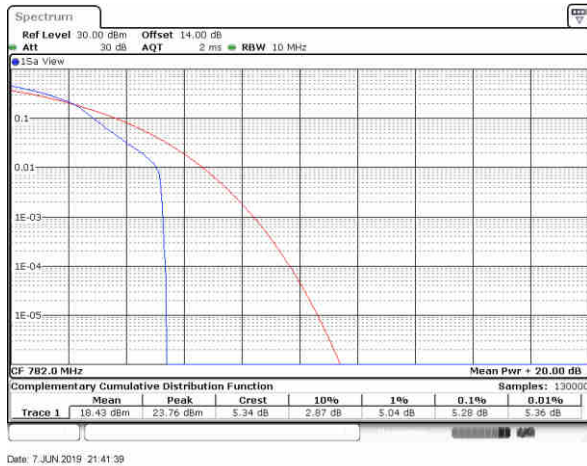


Middle Channel / Full RB

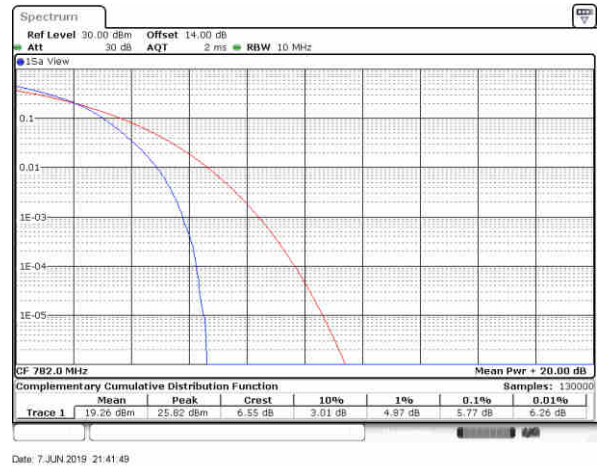


LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Middle Channel / Full RB





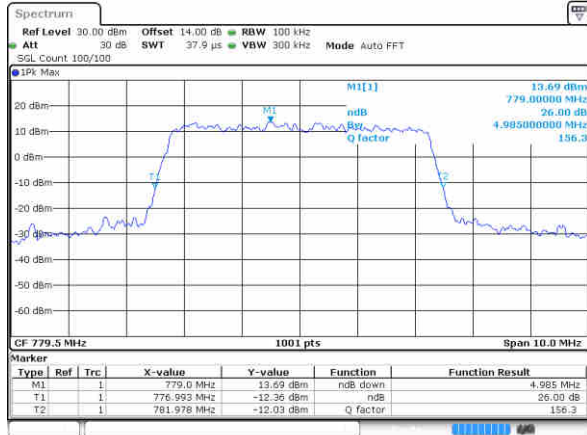
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.985	4.935	-	-	-	-	-	-
Middle CH	-	-	-	-	4.915	4.885	9.97	9.81	-	-	-	-
Highest CH	-	-	-	-	4.925	4.855	-	-	-	-	-	-

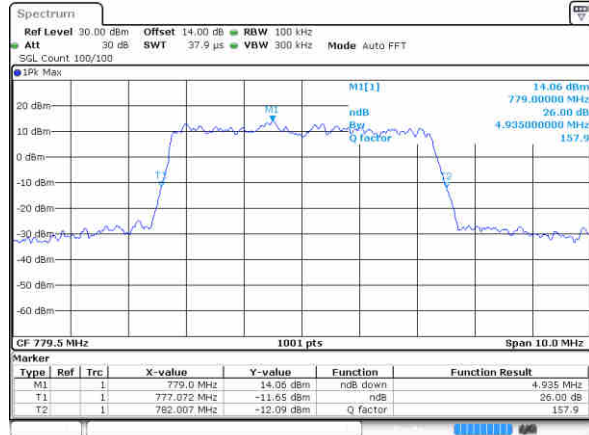


LTE Band 13

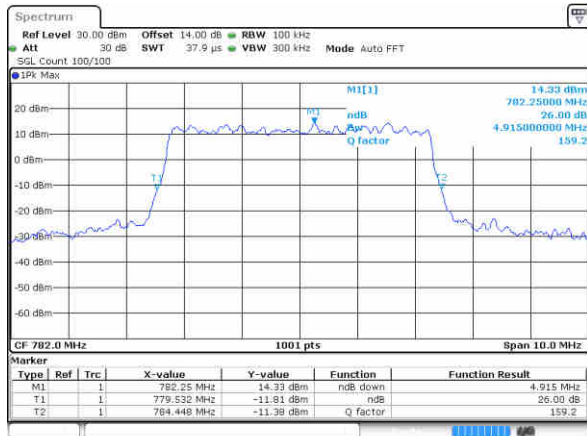
Lowest Channel / 5MHz / QPSK



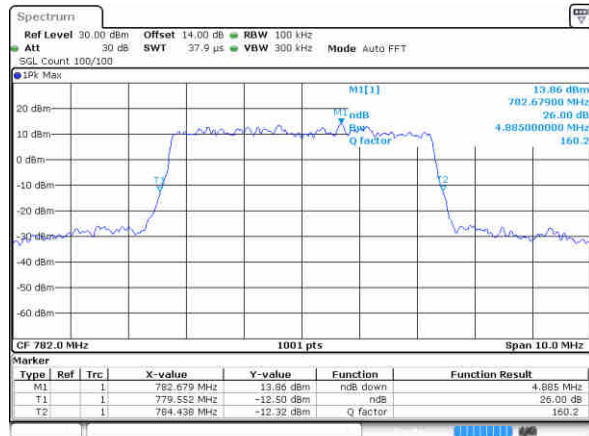
Lowest Channel / 5MHz / 16QAM



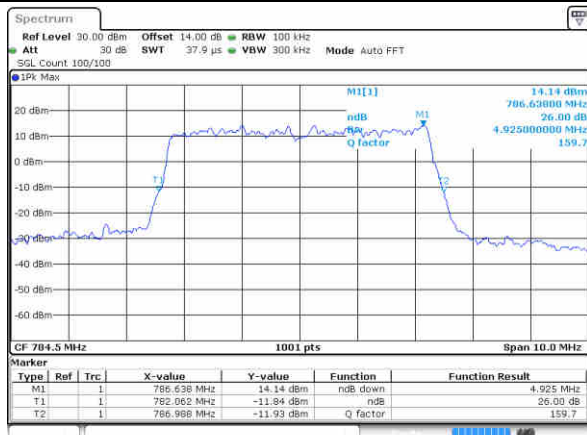
Middle Channel / 5MHz / QPSK



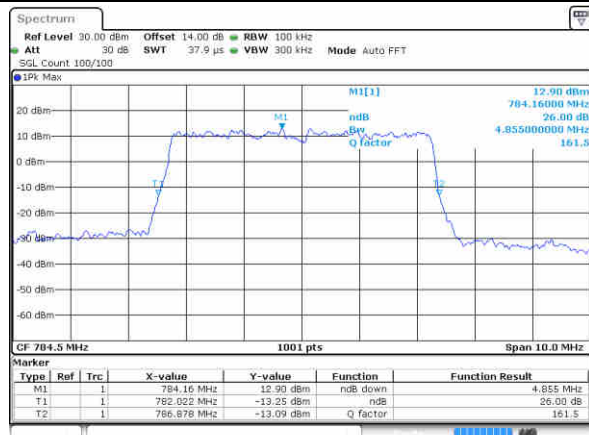
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



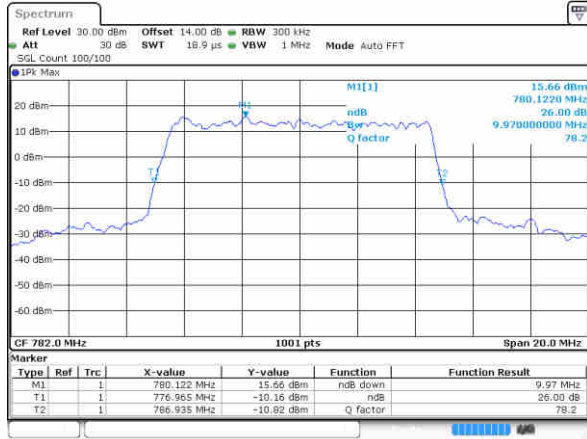
Highest Channel / 5MHz / 16QAM





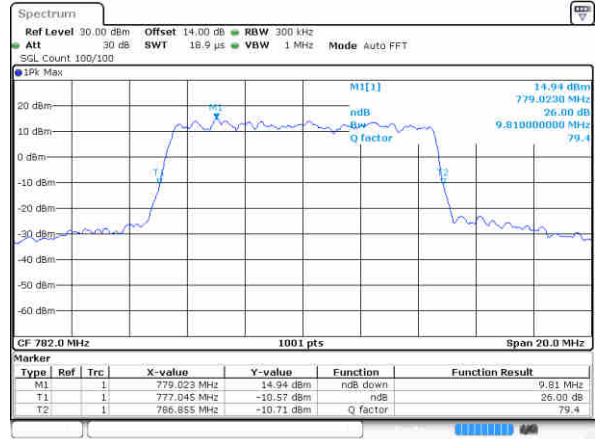
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 JUN 2019 21:29:17

Middle Channel / 10MHz / 16QAM



Date: 7 JUN 2019 21:29:28



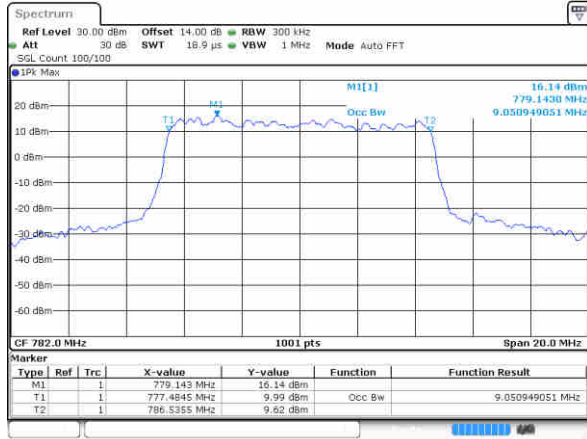
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.51	9.05	9.01	-	-	-	-
Highest CH	-	-	-	-	4.51	4.5	-	-	-	-	-	-



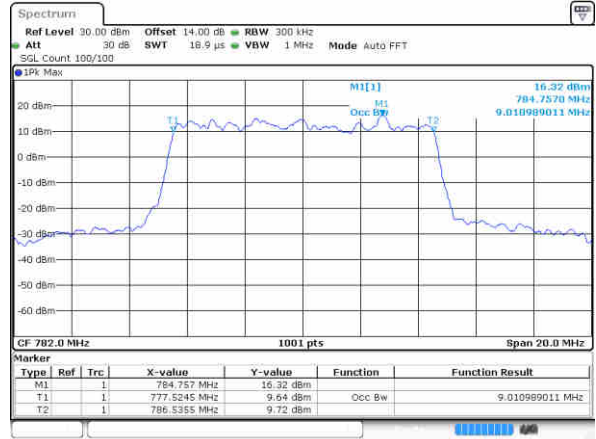
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 JUN 2019 21:28:57

Middle Channel / 10MHz / 16QAM



Date: 7 JUN 2019 21:29:07

**Frequency Stability**

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	4.93	4.99	5.83	PASS
Middle CH	4.32	4.93	5.16	5.8	
Highest CH	4.43	4.84	5.1	5.86	



26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.925	4.965	9.85	9.95	-	-	-	-
Middle CH	-	-	-	-	4.925	4.875	9.65	9.67	-	-	-	-
Highest CH	-	-	-	-	4.935	4.945	9.69	9.85	-	-	-	-



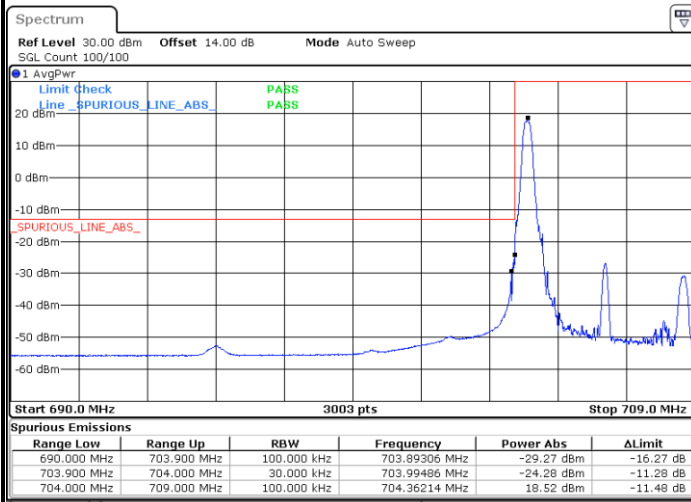
Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.48	9.11	9.05	-	-	-	-
Middle CH	-	-	-	-	4.5	4.49	9.03	9.01	-	-	-	-
Highest CH	-	-	-	-	4.47	4.48	9.01	8.97	-	-	-	-

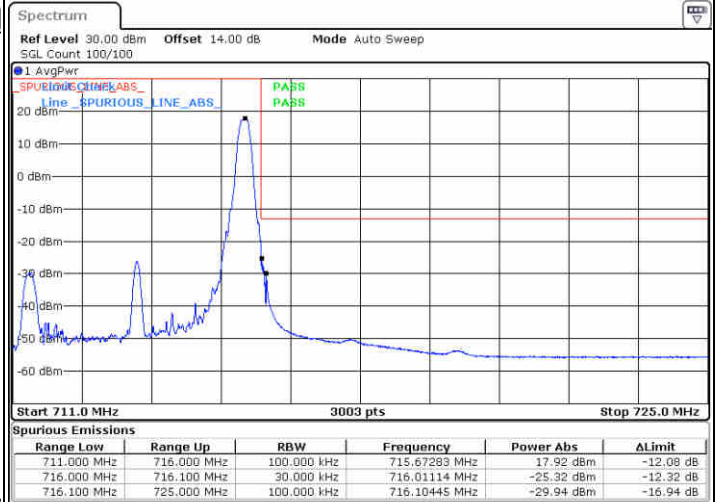


LTE Band 17 / 5MHz / 16QAM

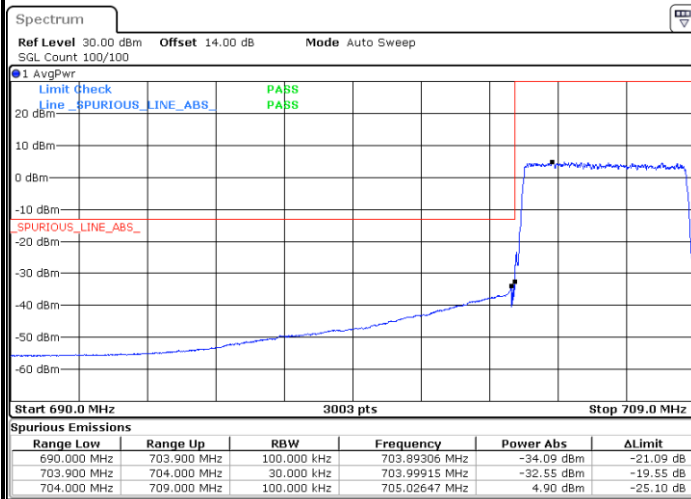
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



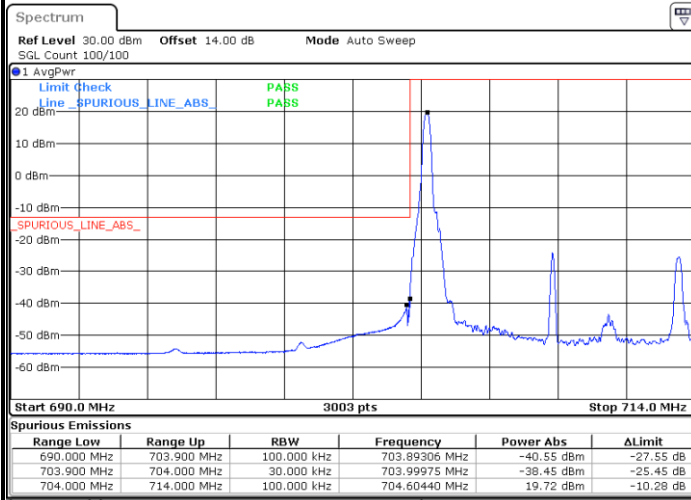
Highest Band Edge / Full RB



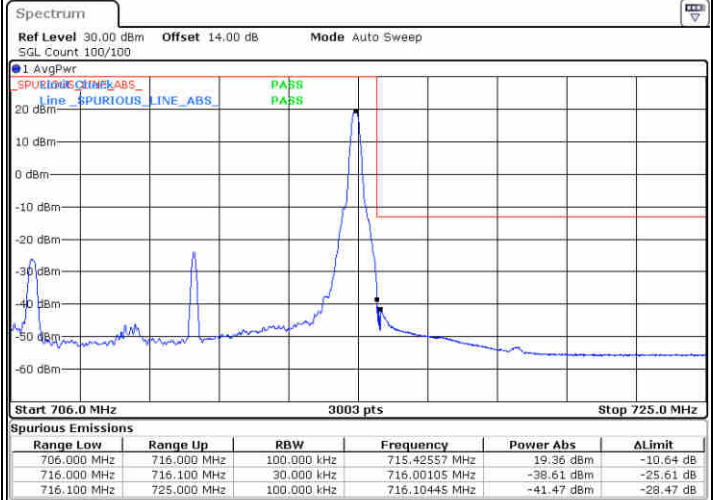


LTE Band 17 / 10MHz / QPSK

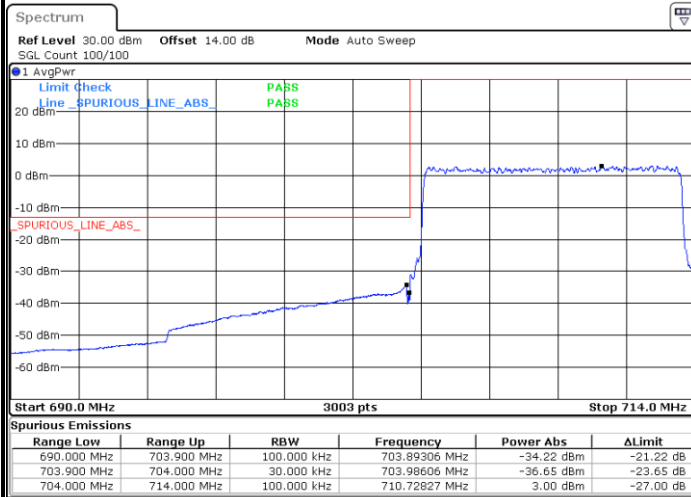
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



**Frequency Stability**

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.35 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	3700.32	-60.33	-13	-47.33	-77.25	-67.09	5.82	12.58	H
	5550.48	-47.05	-13	-34.05	-67.96	-52.77	7.28	13.00	H
	7400.64	-53.16	-13	-40.16	-80.00	-56.32	8.32	11.48	H
	3700.32	-54.33	-13	-41.33	-71.28	-61.09	5.82	12.58	V
	5550.48	-41.69	-13	-28.69	-62.8	-47.41	7.28	13.00	V
	7400.64	-51.59	-13	-38.59	-78.11	-54.75	8.32	11.48	V
Middle	3758.92	-54.94	-13	-41.94	-71.94	-62.54	5.00	12.60	H
	5638.38	-45.01	-13	-32.01	-65.68	-50.81	7.30	13.10	H
	7517.84	-53.67	-13	-40.67	-80.01	-57.24	7.73	11.30	H
	3758.92	-54.84	-13	-41.84	-71.88	-62.44	5.00	12.60	V
	5638.38	-44.36	-13	-31.36	-65.43	-50.16	7.30	13.10	V
	7517.84	-53.79	-13	-40.79	-79.91	-57.36	7.73	11.30	V
Highest	3817.52	-56.59	-13	-43.59	-73.73	-63.33	5.88	12.62	H
	5726.28	-48.70	-13	-35.70	-69.71	-54.51	7.32	13.13	H
	7635.04	-49.35	-13	-36.35	-75.36	-52.51	8.38	11.54	H
	3817.52	-52.66	-13	-39.66	-69.86	-59.40	5.88	12.62	V
	5726.28	-40.85	-13	-27.85	-62.19	-46.66	7.32	13.13	V
	7635.04	-52.50	-13	-39.50	-78.37	-55.66	8.38	11.54	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	3700.48	-60.32	-13	-47.32	-77.24	-67.08	5.82	12.58	H
	5550.72	-47.04	-13	-34.04	-67.95	-52.76	7.28	13.00	H
	7400.96	-53.53	-13	-40.53	-80.37	-56.69	8.32	11.48	H
	3700.48	-54.01	-13	-41.01	-70.96	-60.77	5.82	12.58	V
	5550.72	-41.53	-13	-28.53	-62.64	-47.25	7.28	13.00	V
	7400.96	-52.15	-13	-39.15	-78.67	-55.31	8.32	11.48	V
Middle	3757.48	-61.71	-13	-48.71	-78.71	-69.31	5.00	12.60	H
	5636.22	-51.10	-13	-38.10	-71.77	-56.90	7.30	13.10	H
	7514.96	-53.31	-13	-40.31	-79.66	-56.88	7.73	11.30	H
	3757.48	-56.62	-13	-43.62	-73.66	-64.22	5.00	12.60	V
	5636.22	-45.14	-13	-32.14	-66.21	-50.94	7.30	13.10	V
	7514.96	-54.71	-13	-41.71	-80.84	-58.28	7.73	11.30	V
Highest	3814.48	-57.56	-13	-44.56	-74.70	-64.30	5.88	12.62	H
	5721.72	-50.30	-13	-37.30	-71.31	-56.11	7.32	13.13	H
	7628.96	-51.59	-13	-38.59	-77.60	-54.75	8.38	11.54	H
	3814.48	-54.26	-13	-41.26	-71.46	-61.00	5.88	12.62	V
	5721.72	-41.99	-13	-28.99	-63.33	-47.80	7.32	13.13	V
	7628.96	-54.56	-13	-41.56	-80.43	-57.72	8.38	11.54	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	3700.68	-59.30	-13	-46.30	-76.22	-66.06	5.82	12.58	H
	5551.02	-46.86	-13	-33.86	-67.77	-52.58	7.28	13.00	H
	7401.36	-52.26	-13	-39.26	-79.10	-55.42	8.32	11.48	H
	3700.68	-53.36	-13	-40.36	-70.31	-60.12	5.82	12.58	V
	5551.02	-42.36	-13	-29.36	-63.47	-48.08	7.28	13.00	V
	7401.36	-52.29	-13	-39.29	-78.81	-55.45	8.32	11.48	V
Middle	3755.68	-59.57	-13	-46.57	-76.57	-67.17	5.00	12.60	H
	5633.52	-51.63	-13	-38.63	-72.30	-57.43	7.30	13.10	H
	7511.36	-54.94	-13	-41.94	-81.29	-58.51	7.73	11.30	H
	3755.68	-57.28	-13	-44.28	-74.32	-64.88	5.00	12.60	V
	5633.52	-44.91	-13	-31.91	-65.98	-50.71	7.30	13.10	V
	7511.36	-54.88	-13	-41.88	-81.01	-58.45	7.73	11.30	V
Highest	3810.68	-55.45	-13	-42.45	-72.53	-62.19	5.88	12.62	H
	5716.02	-50.98	-13	-37.98	-71.92	-56.79	7.32	13.13	H
	7621.36	-53.16	-13	-40.16	-79.16	-56.32	8.38	11.54	H
	3810.68	-54.22	-13	-41.22	-71.34	-60.96	5.88	12.62	V
	5716.02	-43.32	-13	-30.32	-64.61	-49.13	7.32	13.13	V
	7621.36	-54.66	-13	-41.66	-80.53	-57.82	8.38	11.54	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	3701.18	-60.98	-13	-47.98	-77.90	-67.74	5.82	12.58	H
	5551.77	-47.02	-13	-34.02	-67.93	-52.74	7.28	13.00	H
	7402.36	-53.59	-13	-40.59	-80.43	-56.75	8.32	11.48	H
	3701.18	-55.00	-13	-42.00	-71.95	-61.76	5.82	12.58	V
	5551.77	-42.23	-13	-29.23	-63.34	-47.95	7.28	13.00	V
	7402.36	-52.54	-13	-39.54	-79.06	-55.70	8.32	11.48	V
Middle	3751.18	-61.76	-13	-48.76	-78.76	-69.36	5.00	12.60	H
	5626.77	-49.72	-13	-36.72	-70.57	-55.52	7.30	13.10	H
	7502.00	-54.67	-13	-41.67	-81.09	-58.24	7.73	11.30	H
	3751.18	-55.17	-13	-42.17	-72.21	-62.77	5.00	12.60	V
	5626.77	-44.32	-13	-31.32	-65.44	-50.12	7.30	13.10	V
	7502.00	-53.69	-13	-40.69	-79.87	-57.26	7.73	11.30	V
Highest	3801.18	-53.04	-13	-40.04	-70.12	-59.78	5.88	12.62	H
	5701.77	-41.10	-13	-28.10	-62.04	-46.91	7.32	13.13	H
	7602.36	-53.11	-13	-40.11	-79.11	-56.27	8.38	11.54	H
	3801.18	-53.78	-13	-40.78	-70.9	-60.52	5.88	12.62	V
	5701.77	-41.12	-13	-28.12	-62.41	-46.93	7.32	13.13	V
	7602.36	-53.21	-13	-40.21	-79.08	-56.37	8.38	11.54	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	3701.68	-58.32	-13	-45.32	-75.24	-65.08	5.82	12.58	H
	5552.52	-45.20	-13	-32.20	-66.11	-50.92	7.28	13.00	H
	7403.36	-52.73	-13	-39.73	-79.57	-55.89	8.32	11.48	H
	3701.68	-54.02	-13	-41.02	-70.97	-60.78	5.82	12.58	V
	5552.52	-40.26	-13	-27.26	-61.37	-45.98	7.28	13.00	V
	7403.36	-52.02	-13	-39.02	-78.54	-55.18	8.32	11.48	V
Middle	3746.68	-58.14	-13	-45.14	-75.14	-65.74	5.00	12.60	H
	5620.02	-49.41	-13	-36.41	-70.26	-55.21	7.30	13.10	H
	7493.36	-52.71	-13	-39.71	-79.13	-56.28	7.73	11.30	H
	3746.68	-54.72	-13	-41.72	-71.76	-62.32	5.00	12.60	V
	5620.02	-43.62	-13	-30.62	-64.74	-49.42	7.30	13.10	V
	7493.36	-54.28	-13	-41.28	-80.46	-57.85	7.73	11.30	V
Highest	3791.68	-57.15	-13	-44.15	-74.21	-63.89	5.88	12.62	H
	5687.52	-46.08	-13	-33.08	-66.95	-51.89	7.32	13.13	H
	7583.36	-50.33	-13	-37.33	-76.40	-53.49	8.38	11.54	H
	3791.68	-51.06	-13	-38.06	-68.16	-57.80	5.88	12.62	V
	5687.52	-38.81	-13	-25.81	-60.04	-44.62	7.32	13.13	V
	7583.36	-52.13	-13	-39.13	-78.05	-55.29	8.38	11.54	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	3702.18	-58.41	-13	-45.41	-75.33	-65.17	5.82	12.58	H
	5553.27	-46.04	-13	-33.04	-66.95	-51.76	7.28	13.00	H
	7404.36	-52.43	-13	-39.43	-79.27	-55.59	8.32	11.48	H
	3702.18	-53.71	-13	-40.71	-70.66	-60.47	5.82	12.58	V
	5553.27	-41.25	-13	-28.25	-62.36	-46.97	7.28	13.00	V
	7404.36	-52.37	-13	-39.37	-78.89	-55.53	8.32	11.48	V
Middle	3742.18	-57.61	-13	-44.61	-74.57	-65.21	5.00	12.60	H
	5613.27	-47.82	-13	-34.82	-68.85	-53.62	7.30	13.10	H
	7484.36	-53.44	-13	-40.44	-79.94	-57.01	7.73	11.30	H
	3742.18	-52.98	-13	-39.98	-69.98	-60.58	5.00	12.60	V
	5613.27	-43.73	-13	-30.73	-64.91	-49.53	7.30	13.10	V
	7484.36	-53.38	-13	-40.38	-79.63	-56.95	7.73	11.30	V
Highest	3782.18	-58.67	-13	-45.67	-75.73	-65.41	5.88	12.62	H
	5673.27	-48.17	-13	-35.17	-68.97	-53.98	7.32	13.13	H
	7564.36	-50.76	-13	-37.76	-76.90	-53.92	8.38	11.54	H
	3782.18	-52.85	-13	-39.85	-69.95	-59.59	5.88	12.62	V
	5673.27	-41.78	-13	-28.78	-62.96	-47.59	7.32	13.13	V
	7564.36	-53.13	-13	-40.13	-79.11	-56.29	8.38	11.54	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	-57.71	-13	-44.71	-72.88	-64.59	5.60	12.48	H
	5130.48	-37.88	-13	-24.88	-57.97	-43.56	7.10	12.78	H
	6840.64	-46.28	-13	-33.28	-71.17	-49.67	8.38	11.77	H
	3420.32	-58.81	-13	-45.81	-74.02	-65.69	5.60	12.48	V
	5130.48	-42.28	-13	-29.28	-62.8	-47.96	7.10	12.78	V
	6840.64	-44.47	-13	-31.47	-69.59	-47.86	8.38	11.77	V
Middle	3463.74	-57.77	-13	-44.77	-73.39	-65.74	4.63	12.60	H
	5195.61	-38.77	-13	-25.77	-58.94	-45.22	6.25	12.70	H
	6927.48	-49.89	-13	-36.89	-75.19	-54.66	8.23	13.00	H
	3463.74	-62.08	-13	-49.08	-77.73	-70.05	4.63	12.6	V
	5195.61	-44.04	-13	-31.04	-64.66	-50.49	6.25	12.7	V
	6927.48	-47.66	-13	-34.66	-73.07	-52.43	8.23	13	V
Highest	3507.52	-57.05	-13	-44.05	-73.11	-63.89	5.68	12.52	H
	5261.28	-40.14	-13	-27.14	-59.87	-45.81	7.15	12.82	H
	7015.04	-52.29	-13	-39.29	-77.94	-55.72	8.42	11.85	H
	3507.52	-61.56	-13	-48.56	-77.65	-68.40	5.68	12.52	V
	5261.28	-44.82	-13	-31.82	-64.6	-50.49	7.15	12.82	V
	7015.04	-50.38	-13	-37.38	-76.13	-53.81	8.42	11.85	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	3420.68	-57.96	-13	-44.96	-73.13	-64.84	5.60	12.48	H
	5131.02	-37.42	-13	-24.42	-57.51	-43.10	7.10	12.78	H
	6841.36	-46.29	-13	-33.29	-71.18	-49.68	8.38	11.77	H
	3420.68	-58.42	-13	-45.42	-73.63	-65.30	5.60	12.48	V
	5131.02	-41.77	-13	-28.77	-62.29	-47.45	7.10	12.78	V
	6841.36	-44.31	-13	-31.31	-69.43	-47.70	8.38	11.77	V
Middle	3462.48	-57.55	-13	-44.55	-73.17	-65.52	4.63	12.60	H
	5193.72	-39.19	-13	-26.19	-59.36	-45.64	6.25	12.70	H
	6924.96	-51.09	-13	-38.09	-76.39	-55.86	8.23	13.00	H
	3462.48	-61.05	-13	-48.05	-76.7	-69.02	4.63	12.6	V
	5193.72	-44.04	-13	-31.04	-64.66	-50.49	6.25	12.7	V
	6924.96	-48.33	-13	-35.33	-73.74	-53.10	8.23	13	V
Highest	3504.48	-57.00	-13	-44.00	-72.91	-63.84	5.68	12.52	H
	5256.72	-38.52	-13	-25.52	-58.16	-44.19	7.15	12.82	H
	7008.96	-51.95	-13	-38.95	-77.54	-55.38	8.42	11.85	H
	3504.48	-60.78	-13	-47.78	-76.72	-67.62	5.68	12.52	V
	5256.72	-44.32	-13	-31.32	-63.97	-49.99	7.15	12.82	V
	7008.96	-49.92	-13	-36.92	-75.53	-53.35	8.42	11.85	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	-57.98	-13	-44.98	-73.15	-64.86	5.60	12.48	H
	5131.02	-37.63	-13	-24.63	-57.72	-43.31	7.10	12.78	H
	6841.36	-45.82	-13	-32.82	-70.71	-49.21	8.38	11.77	H
	3420.68	-60.76	-13	-47.76	-75.97	-67.64	5.60	12.48	V
	5131.02	-42.43	-13	-29.43	-62.95	-48.11	7.10	12.78	V
	6841.36	-43.61	-13	-30.61	-68.73	-47.00	8.38	11.77	V
Middle	3460.68	-58.09	-13	-45.09	-73.71	-66.06	4.63	12.60	H
	5191.02	-39.85	-13	-26.85	-60.02	-46.30	6.25	12.70	H
	6921.36	-50.90	-13	-37.90	-76.11	-55.67	8.23	13.00	H
	3460.68	-61.71	-13	-48.71	-77.36	-69.68	4.63	12.6	V
	5191.02	-44.70	-13	-31.70	-65.32	-51.15	6.25	12.7	V
	6921.36	-48.84	-13	-35.84	-74.19	-53.61	8.23	13	V
Highest	3500.68	-56.76	-13	-43.76	-72.67	-63.60	5.68	12.52	H
	5251.02	-38.13	-13	-25.13	-57.77	-43.80	7.15	12.82	H
	7001.36	-51.00	-13	-38.00	-76.62	-54.43	8.42	11.85	H
	3500.68	-60.71	-13	-47.71	-76.65	-67.55	5.68	12.52	V
	5251.02	-43.01	-13	-30.01	-62.66	-48.68	7.15	12.82	V
	7001.36	-48.63	-13	-35.63	-74.27	-52.06	8.42	11.85	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	-58.37	-13	-45.37	-73.54	-65.25	5.60	12.48	H
	5131.77	-37.76	-13	-24.76	-57.85	-43.44	7.10	12.78	H
	6842.36	-46.21	-13	-33.21	-71.10	-49.60	8.38	11.77	H
	3421.18	-61.12	-13	-48.12	-76.33	-68.00	5.60	12.48	V
	5131.77	-42.04	-13	-29.04	-62.56	-47.72	7.10	12.78	V
	6842.36	-44.09	-13	-31.09	-69.21	-47.48	8.38	11.77	V
Middle	3456.18	-59.14	-13	-46.14	-74.61	-67.11	4.63	12.60	H
	5184.27	-41.67	-13	-28.67	-61.82	-48.12	6.25	12.70	H
	6912.36	-51.35	-13	-38.35	-76.56	-56.12	8.23	13.00	H
	3456.18	-61.77	-13	-48.77	-77.27	-69.74	4.63	12.6	V
	5184.27	-45.89	-13	-32.89	-66.49	-52.34	6.25	12.7	V
	6912.36	-49.51	-13	-36.51	-74.86	-54.28	8.23	13	V
Highest	3491.18	-54.98	-13	-41.98	-70.89	-61.82	5.68	12.52	H
	5236.77	-36.87	-13	-23.87	-56.69	-42.54	7.15	12.82	H
	6982.36	-50.04	-13	-37.04	-75.57	-53.47	8.42	11.85	H
	3491.18	-60.69	-13	-47.69	-76.63	-67.53	5.68	12.52	V
	5236.77	-40.49	-13	-27.49	-60.47	-46.16	7.15	12.82	V
	6982.36	-47.45	-13	-34.45	-73.02	-50.88	8.42	11.85	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	-57.81	-13	-44.81	-72.98	-64.69	5.60	12.48	H
	5132.52	-37.51	-13	-24.51	-57.60	-43.19	7.10	12.78	H
	6843.36	-46.36	-13	-33.36	-71.25	-49.75	8.38	11.77	H
	3421.68	-57.84	-13	-44.84	-73.05	-64.72	5.60	12.48	V
	5132.52	-42.17	-13	-29.17	-62.69	-47.85	7.10	12.78	V
	6843.36	-44.15	-13	-31.15	-69.27	-47.54	8.38	11.77	V
Middle	3451.68	-59.39	-13	-46.39	-74.86	-67.36	4.63	12.60	H
	5177.52	-41.92	-13	-28.92	-62.07	-48.37	6.25	12.70	H
	6903.36	-52.79	-13	-39.79	-77.91	-57.56	8.23	13.00	H
	3451.68	-63.03	-13	-50.03	-78.53	-71.00	4.63	12.6	V
	5177.52	-45.76	-13	-32.76	-66.36	-52.21	6.25	12.7	V
	6903.36	-50.17	-13	-37.17	-75.45	-54.94	8.23	13	V
Highest	3481.68	-54.50	-13	-41.50	-70.26	-54.01	5.68	12.52	H
	5222.52	-35.70	-13	-22.70	-55.70	-54.06	7.15	12.82	H
	6963.36	-48.16	-13	-35.16	-73.61	-55.29	8.42	11.85	H
	3481.68	-59.54	-13	-46.54	-75.34	-51.16	5.68	12.52	V
	5222.52	-39.64	-13	-26.64	-59.94	-49.44	7.15	12.82	V
	6963.36	-46.18	-13	-33.18	-71.7	-55.79	8.42	11.85	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	-58.25	-13	-45.25	-73.42	-65.13	5.60	12.48	H
	5133.27	-38.12	-13	-25.12	-58.21	-43.80	7.10	12.78	H
	6844.36	-46.37	-13	-33.37	-71.26	-49.76	8.38	11.77	H
	3422.18	-59.10	-13	-46.10	-74.31	-65.98	5.60	12.48	V
	5133.27	-42.69	-13	-29.69	-63.21	-48.37	7.10	12.78	V
	6844.36	-44.15	-13	-31.15	-69.27	-47.54	8.38	11.77	V
Middle	3447.18	-61.05	-13	-48.05	-76.52	-69.02	4.63	12.60	H
	5170.77	-41.39	-13	-28.39	-61.52	-47.84	6.25	12.70	H
	6894.36	-52.06	-13	-39.06	-77.19	-56.83	8.23	13.00	H
	3447.18	-63.48	-13	-50.48	-78.98	-71.45	4.63	12.6	V
	5170.77	-45.30	-13	-32.30	-65.88	-51.75	6.25	12.7	V
	6894.36	-50.62	-13	-37.62	-75.91	-55.39	8.23	13	V
Highest	3472.18	-53.70	-13	-40.70	-69.32	-60.54	5.68	12.52	H
	5208.27	-36.39	-13	-23.39	-56.38	-42.06	7.15	12.82	H
	6944.36	-48.47	-13	-35.47	-73.84	-51.90	8.42	11.85	H
	3472.18	-60.37	-13	-47.37	-76.02	-67.21	5.68	12.52	V
	5208.27	-41.59	-13	-28.59	-61.88	-47.26	7.15	12.82	V
	6944.36	-45.95	-13	-32.95	-71.41	-49.38	8.42	11.85	V

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

