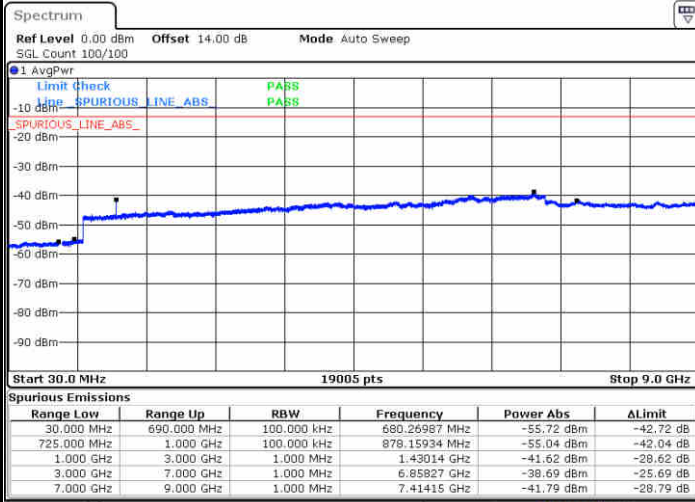




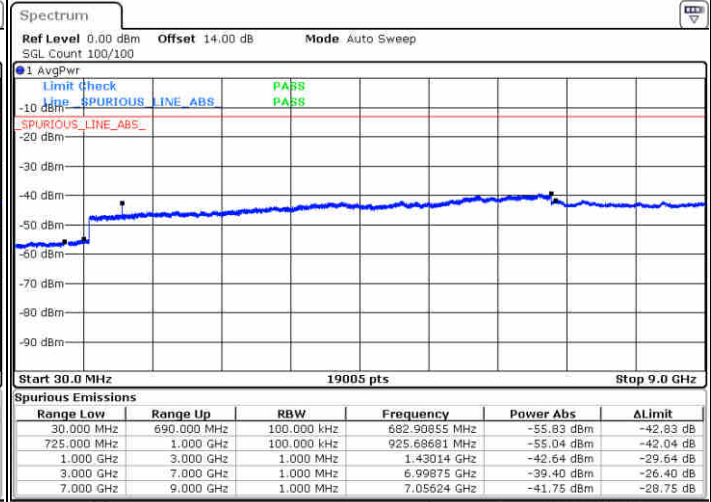
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 6 JUN 2019 15:34:53

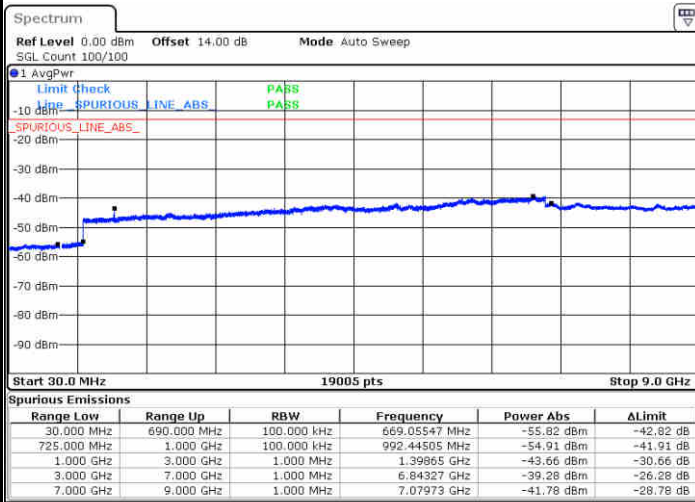
Highest Channel / 16QAM



Date: 6 JUN 2019 15:35:46

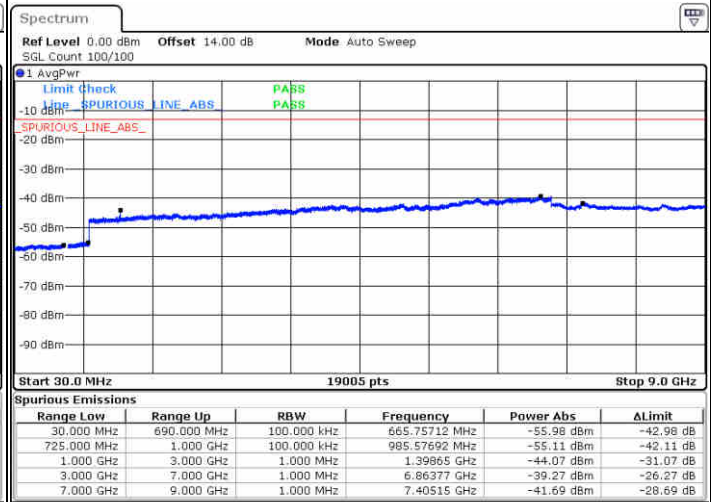
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 6 JUN 2019 14:32:46

Lowest Channel / 16QAM



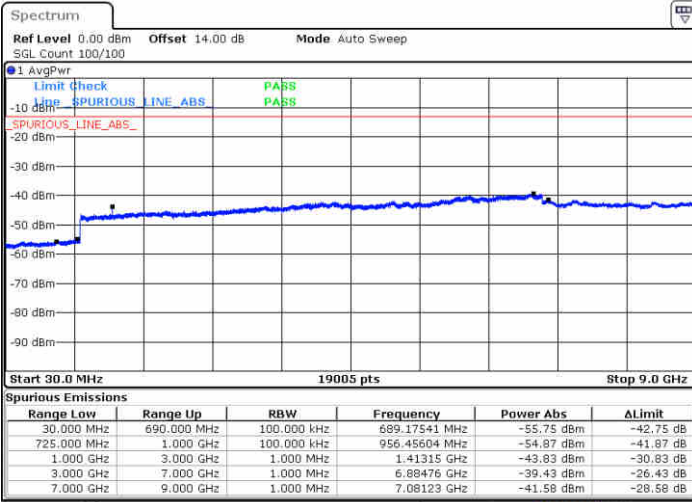
Date: 6 JUN 2019 14:33:40



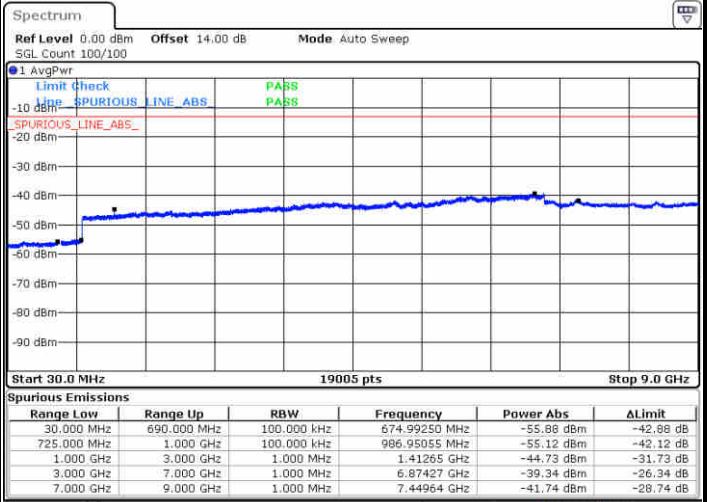
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



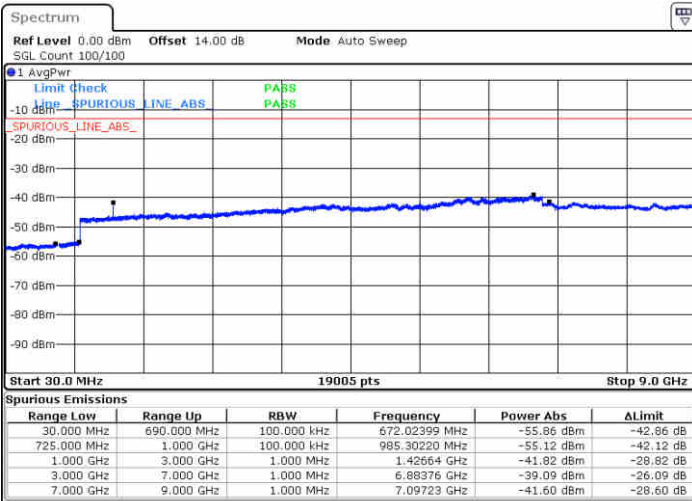
Date: 6 JUN 2019 14:35:15



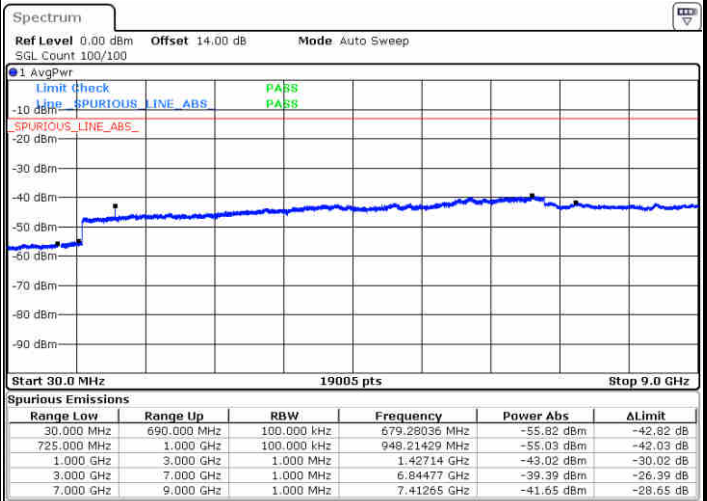
Date: 6 JUN 2019 14:36:08

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN 2019 14:42:16



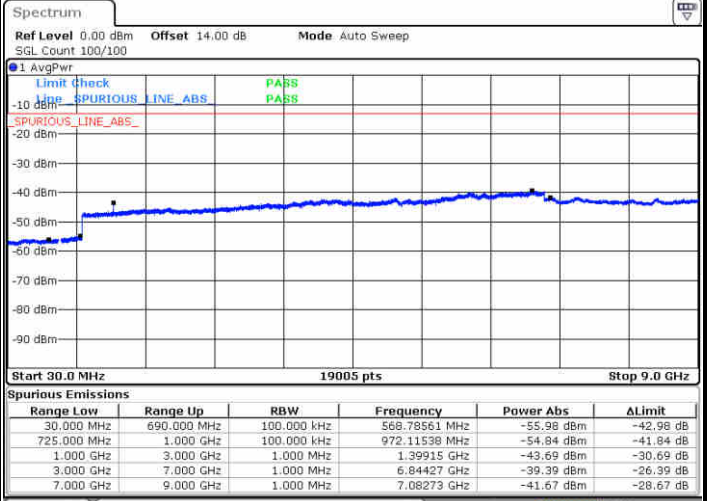
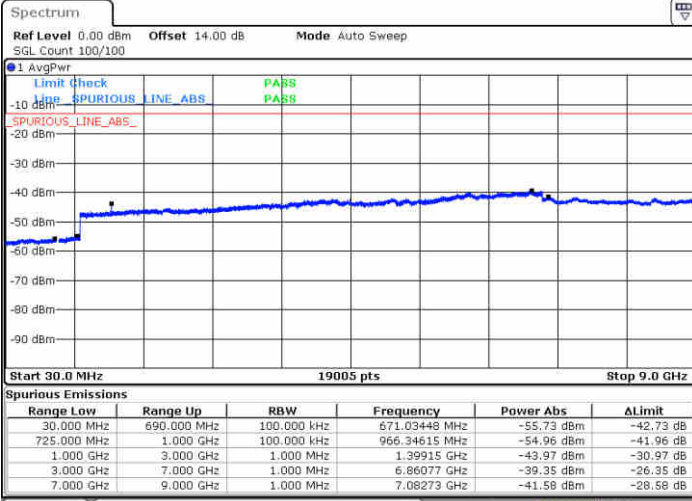
Date: 6 JUN 2019 14:43:09



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

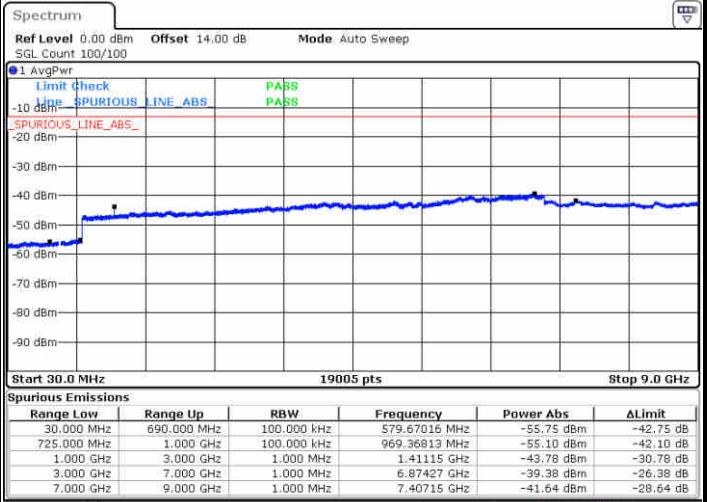
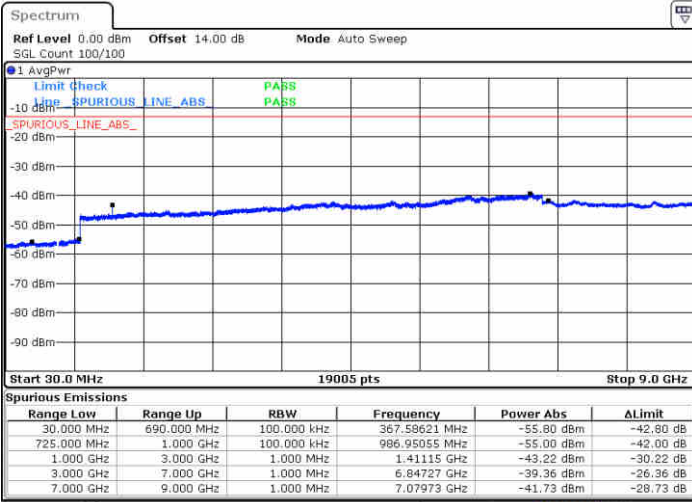


Date: 6 JUN 2019 14:56:09

Date: 6 JUN 2019 14:57:03

Middle Channel / QPSK

Middle Channel / 16QAM



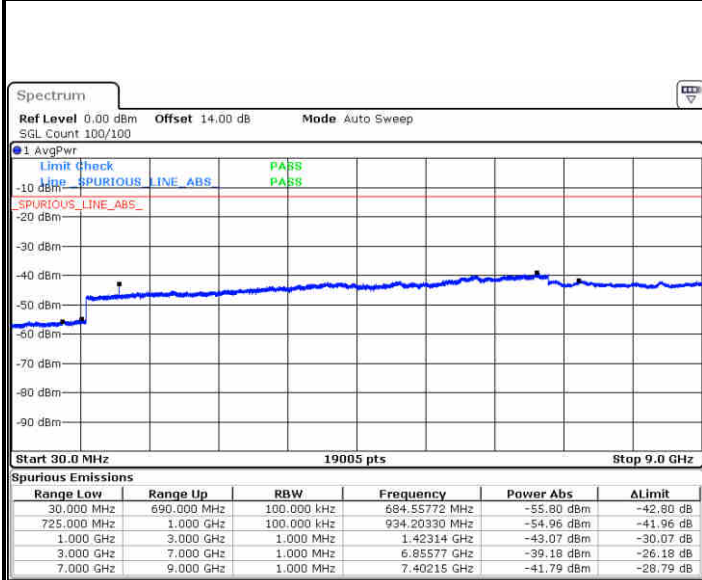
Date: 6 JUN 2019 14:58:38

Date: 6 JUN 2019 14:59:31



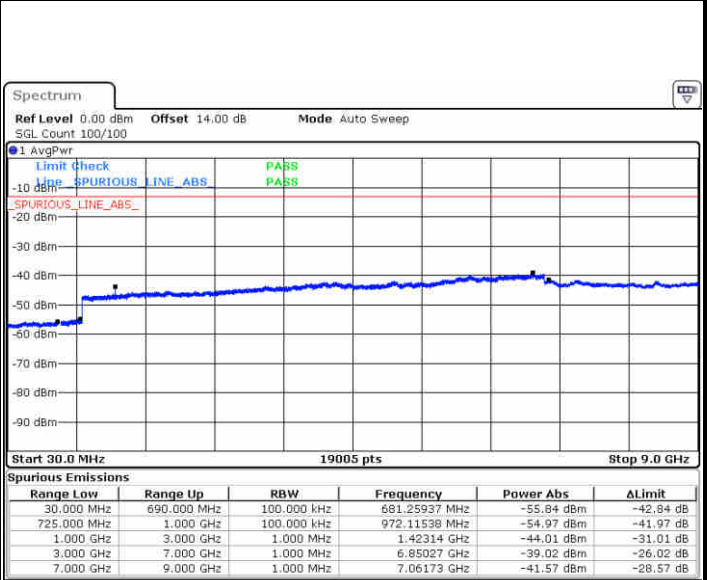
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 6 JUN 2019 15:05:39

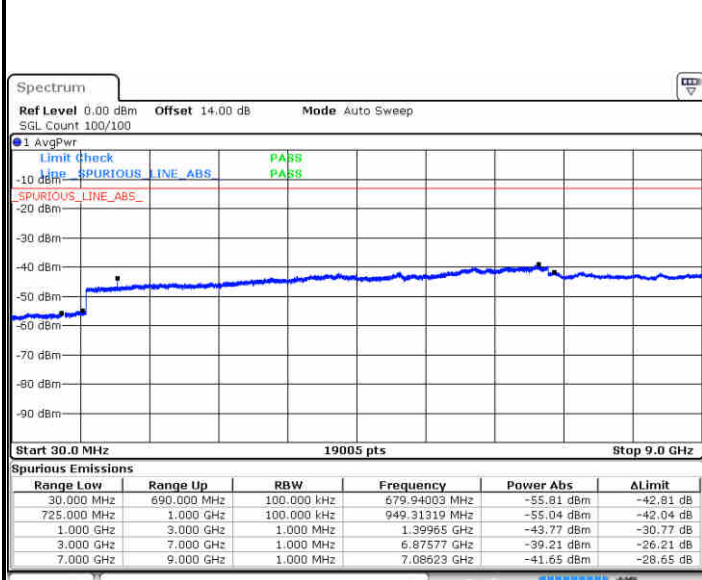
Highest Channel / 16QAM



Date: 6 JUN 2019 15:06:32

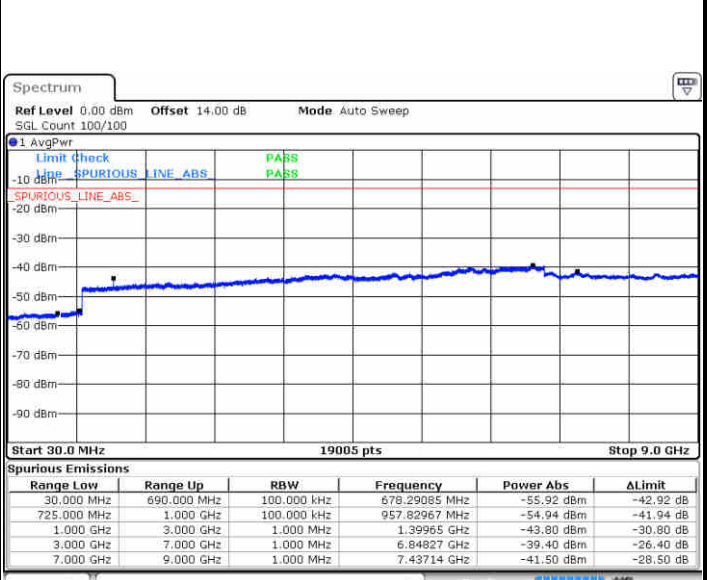
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 6 JUN 2019 13:54:48

Lowest Channel / 16QAM



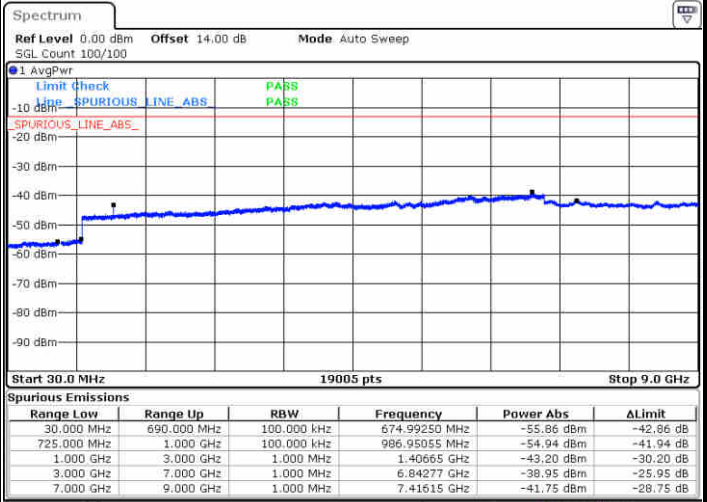
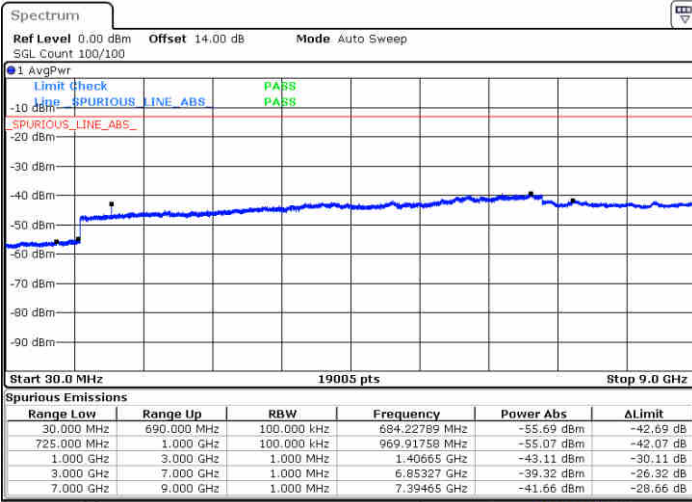
Date: 6 JUN 2019 14:14:28



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

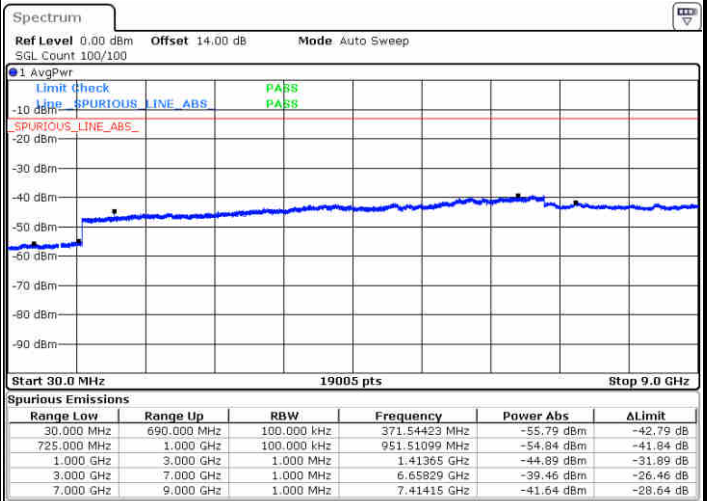
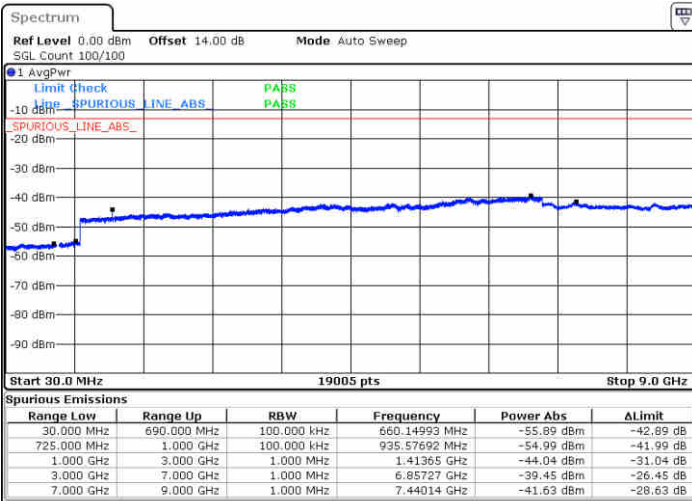


Date: 6 JUN 2019 14:16:03

Date: 6 JUN 2019 14:16:56

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN 2019 14:23:04

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	-	-	-	-	



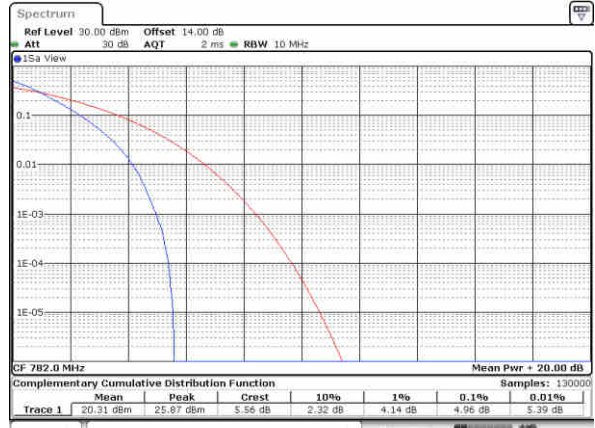
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 7 JUN 2019 21:42:00

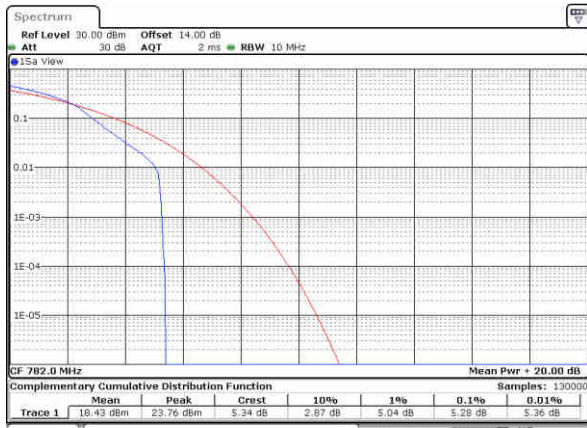
Middle Channel / Full RB



Date: 7 JUN 2019 21:42:11

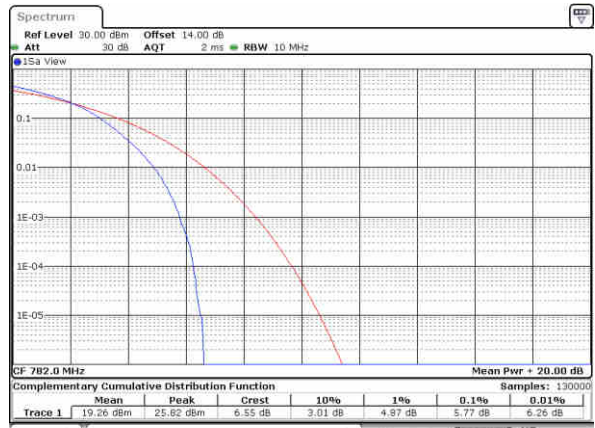
LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 7 JUN 2019 21:41:39

Middle Channel / Full RB



Date: 7 JUN 2019 21:41:49



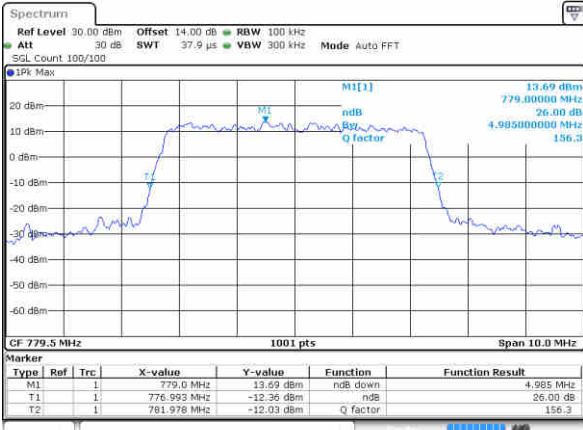
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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	-	-	-	-	-	-



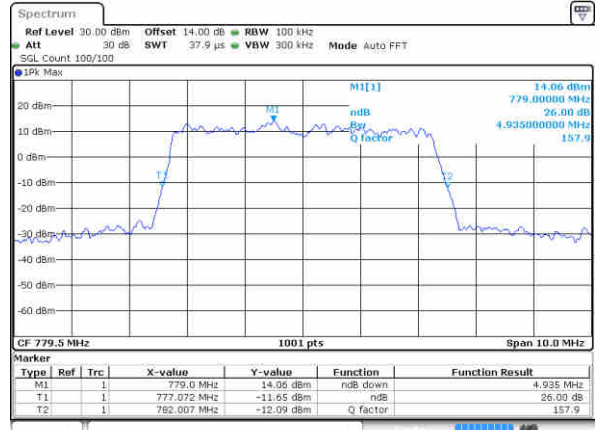
LTE Band 13

Lowest Channel / 5MHz / QPSK



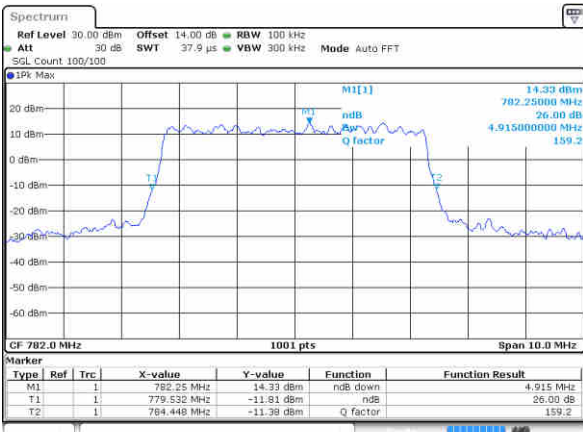
Date: 7 JUN 2019 21:08:57

Lowest Channel / 5MHz / 16QAM



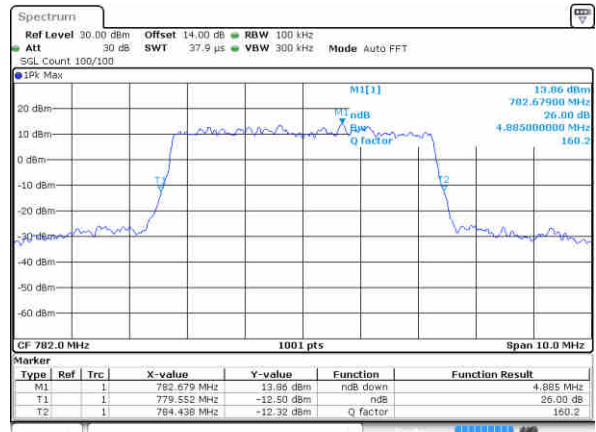
Date: 7 JUN 2019 21:09:07

Middle Channel / 5MHz / QPSK



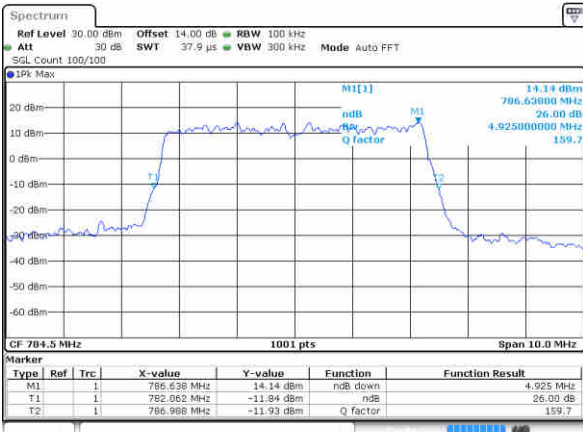
Date: 7 JUN 2019 21:17:55

Middle Channel / 5MHz / 16QAM



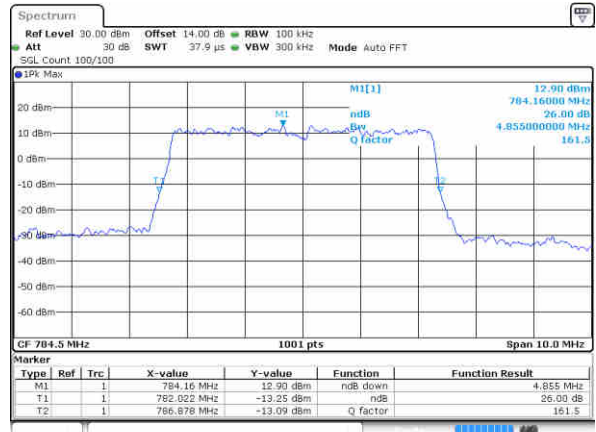
Date: 7 JUN 2019 21:18:05

Highest Channel / 5MHz / QPSK



Date: 7 JUN 2019 21:20:20

Highest Channel / 5MHz / 16QAM

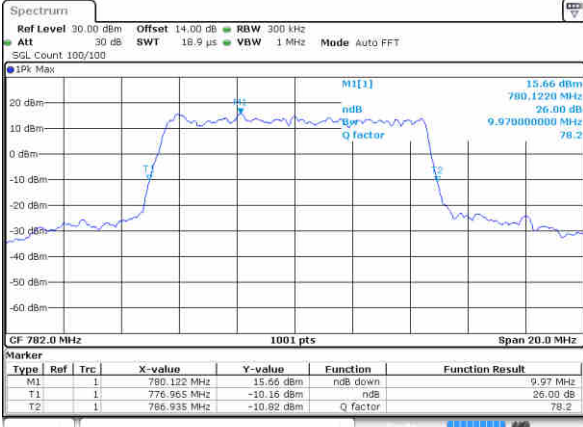


Date: 7 JUN 2019 21:20:30



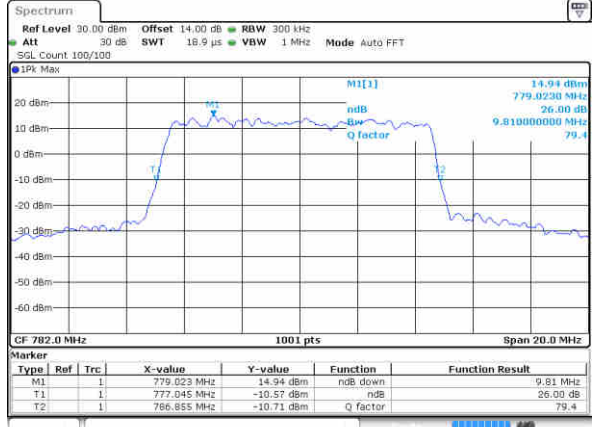
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 JUN 2019 21:29:17

Middle Channel / 10MHz / 16QAM



Date: 7 JUN 2019 21:29:28



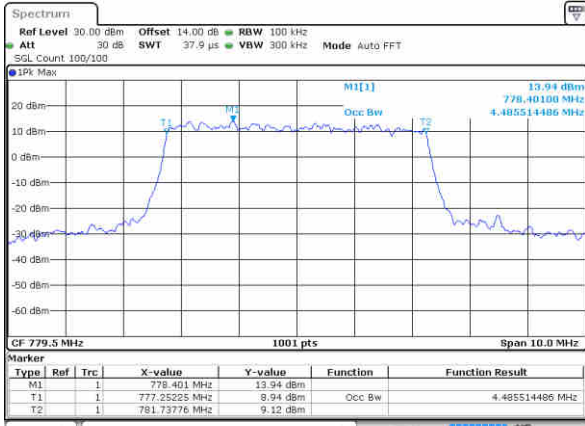
Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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	-	-	-	-	-	-



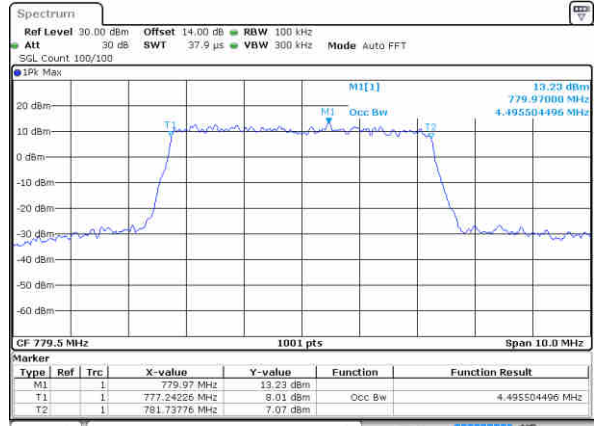
LTE Band 13

Lowest Channel / 5MHz / QPSK



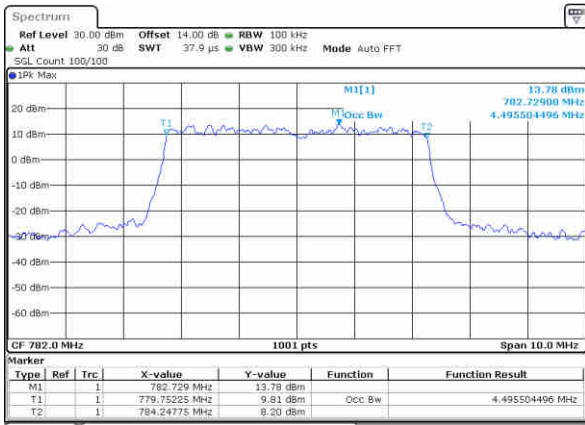
Date: 7 JUN 2019 21:08:37

Lowest Channel / 5MHz / 16QAM



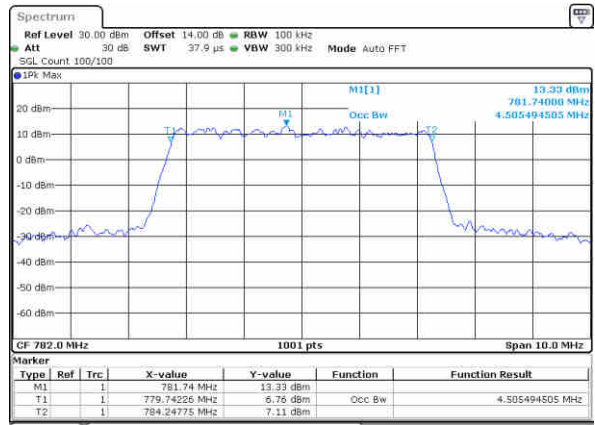
Date: 7 JUN 2019 21:08:47

Middle Channel / 5MHz / QPSK



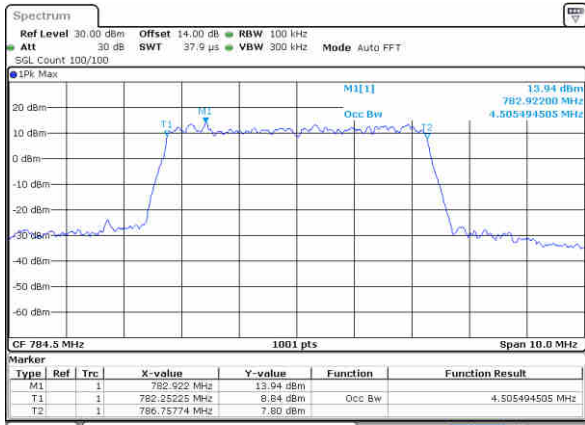
Date: 7 JUN 2019 21:17:35

Middle Channel / 5MHz / 16QAM



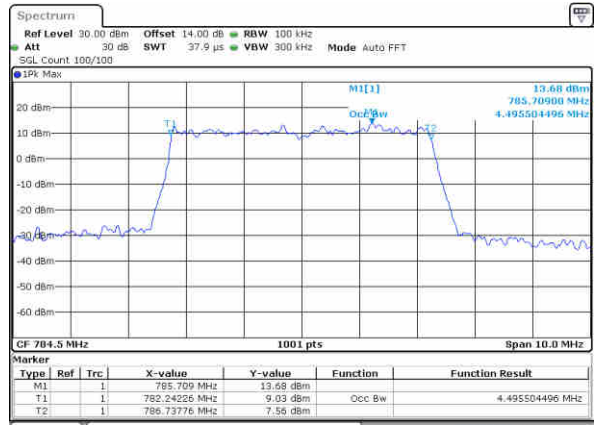
Date: 7 JUN 2019 21:17:45

Highest Channel / 5MHz / QPSK



Date: 7 JUN 2019 21:20:00

Highest Channel / 5MHz / 16QAM

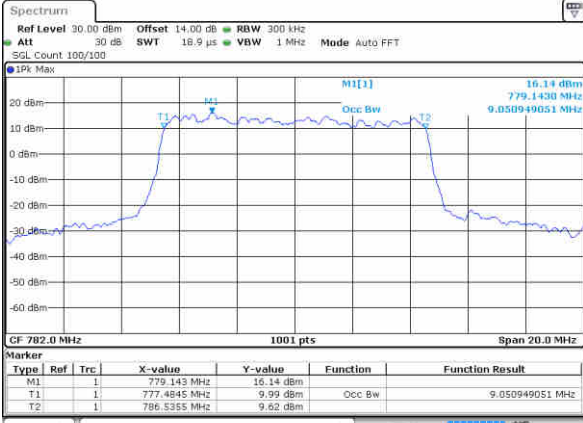


Date: 7 JUN 2019 21:20:10



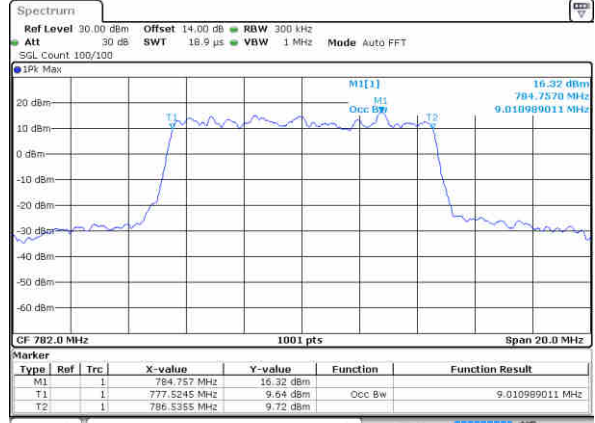
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 JUN 2019 21:28:57

Middle Channel / 10MHz / 16QAM



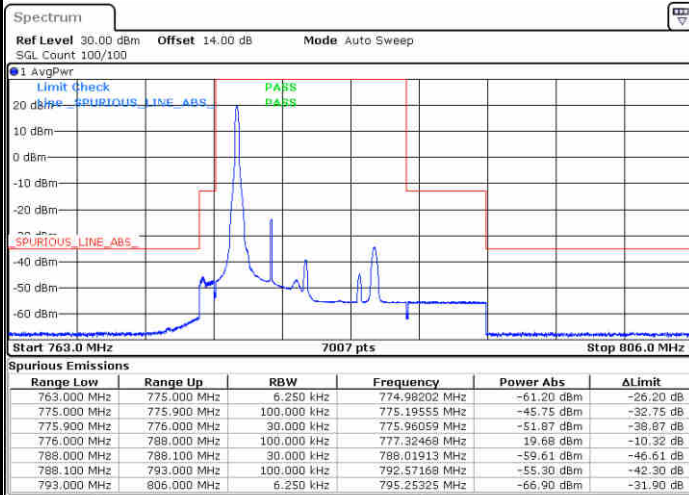
Date: 7 JUN 2019 21:29:07



Conducted Band Edge

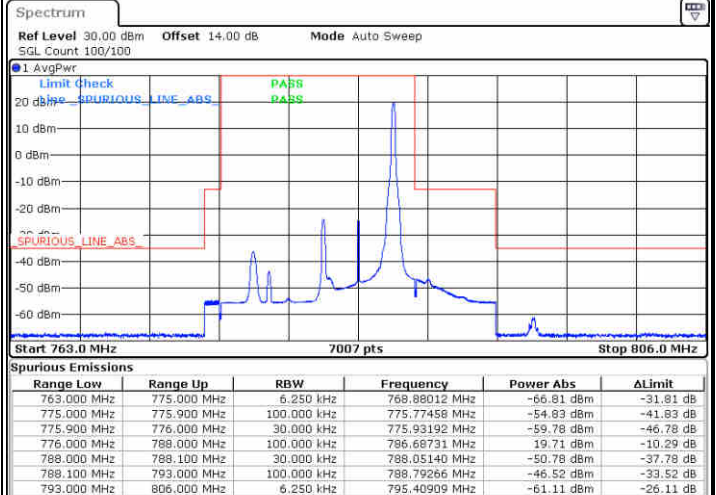
LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB



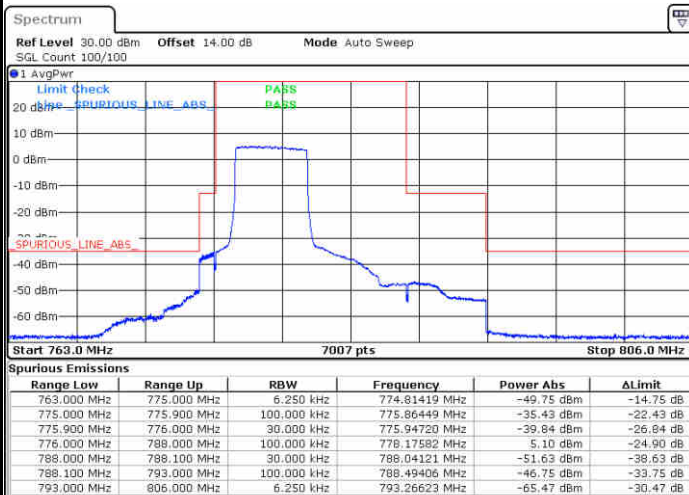
Date: 7 JUN 2019 21:10:45

Highest Band Edge / 1 RB



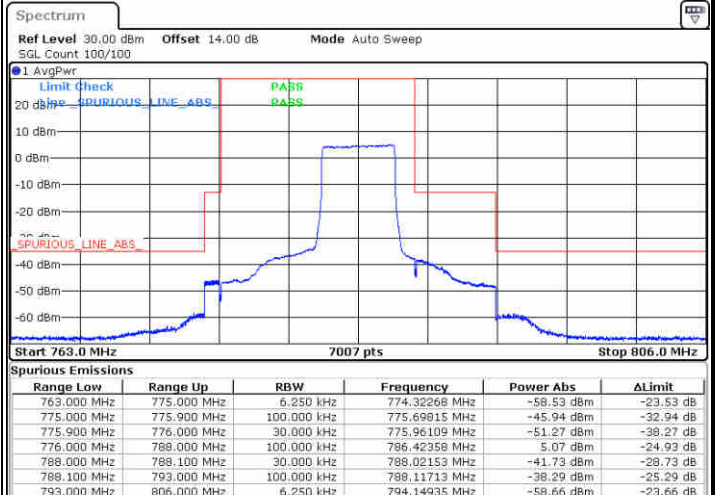
Date: 7 JUN 2019 21:22:07

Lowest Band Edge / Full RB



Date: 7 JUN 2019 21:14:01

Highest Band Edge / Full RB



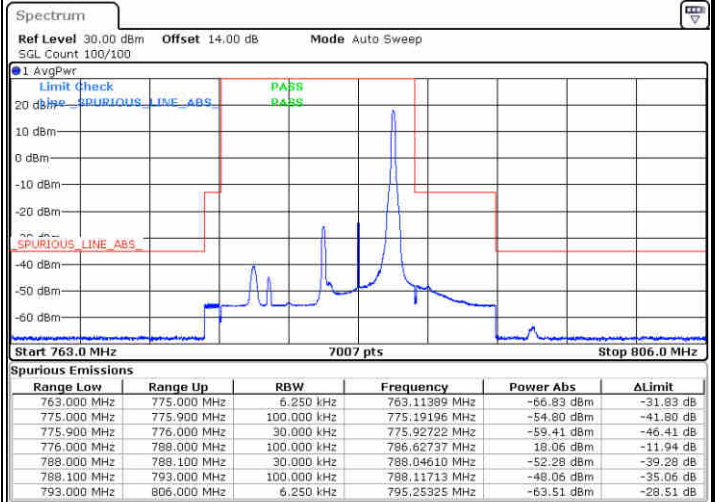
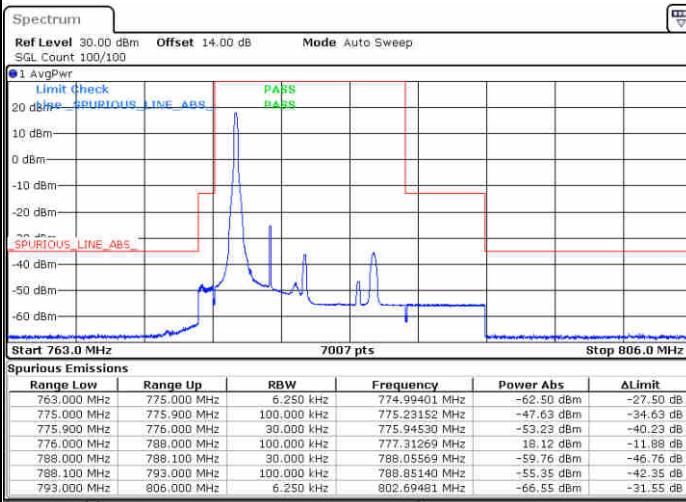
Date: 7 JUN 2019 21:25:23



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

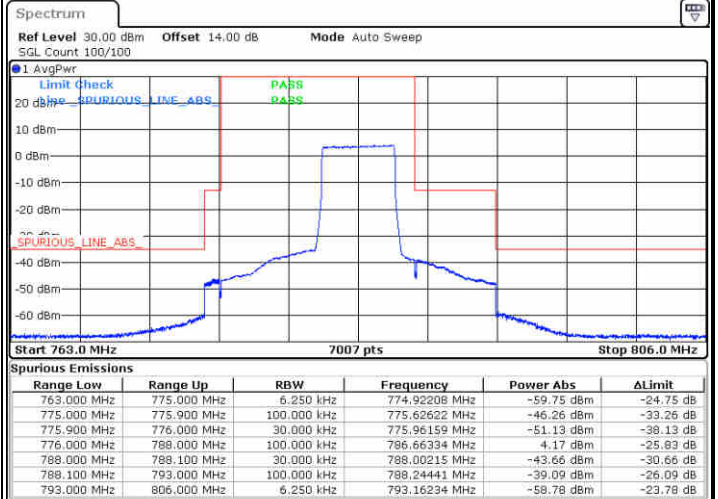
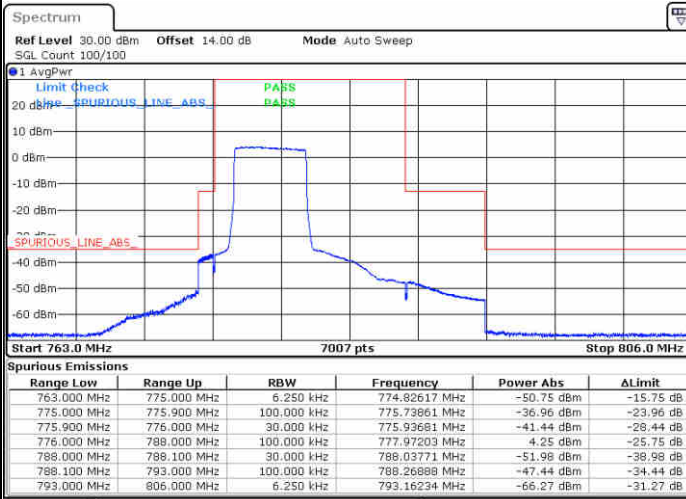


Date: 7 JUN 2019 21:12:23

Date: 7 JUN 2019 21:23:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



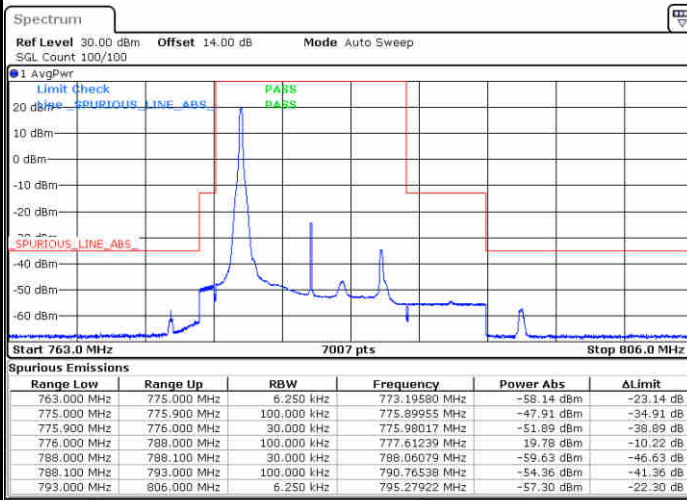
Date: 7 JUN 2019 21:15:39

Date: 7 JUN 2019 21:27:01



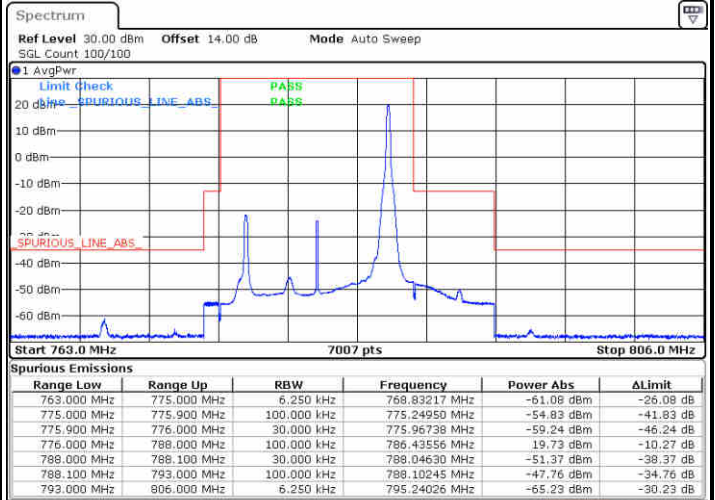
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



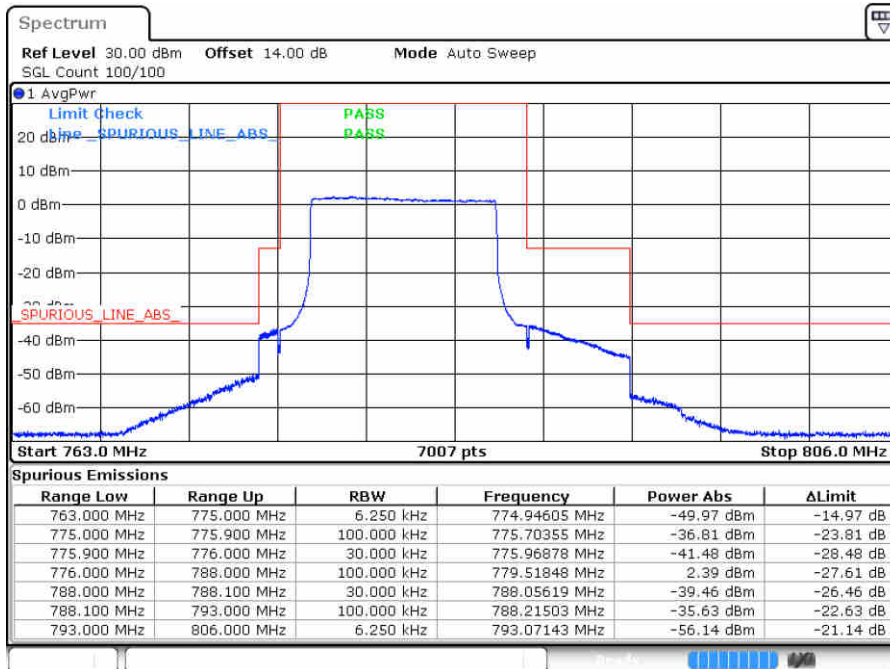
Date: 7 JUN 2019 21:31:04

Highest Band Edge / 1 RB



Date: 7 JUN 2019 21:37:36

Band Edge / Full RB

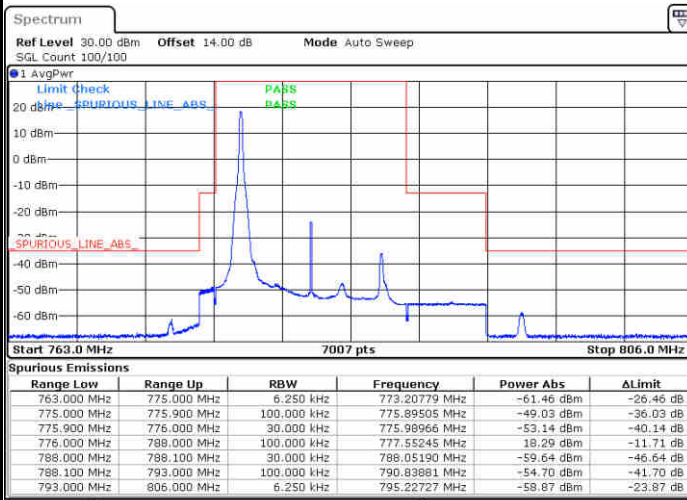


Date: 7 JUN 2019 21:34:20



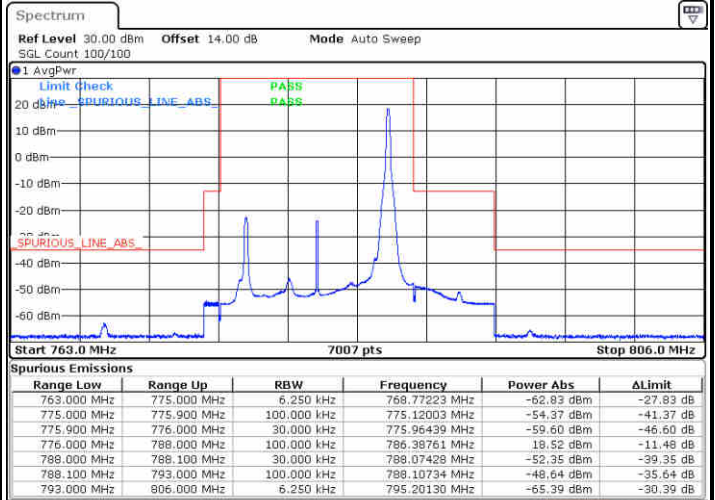
LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



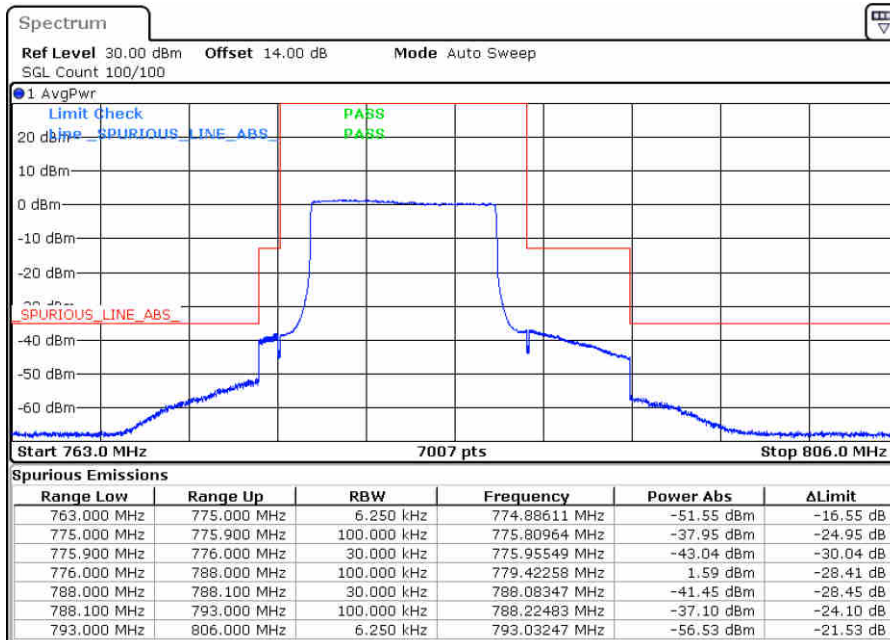
Date: 7 JUN 2019 21:32:42

Highest Band Edge / 1 RB



Date: 7 JUN 2019 21:38:14

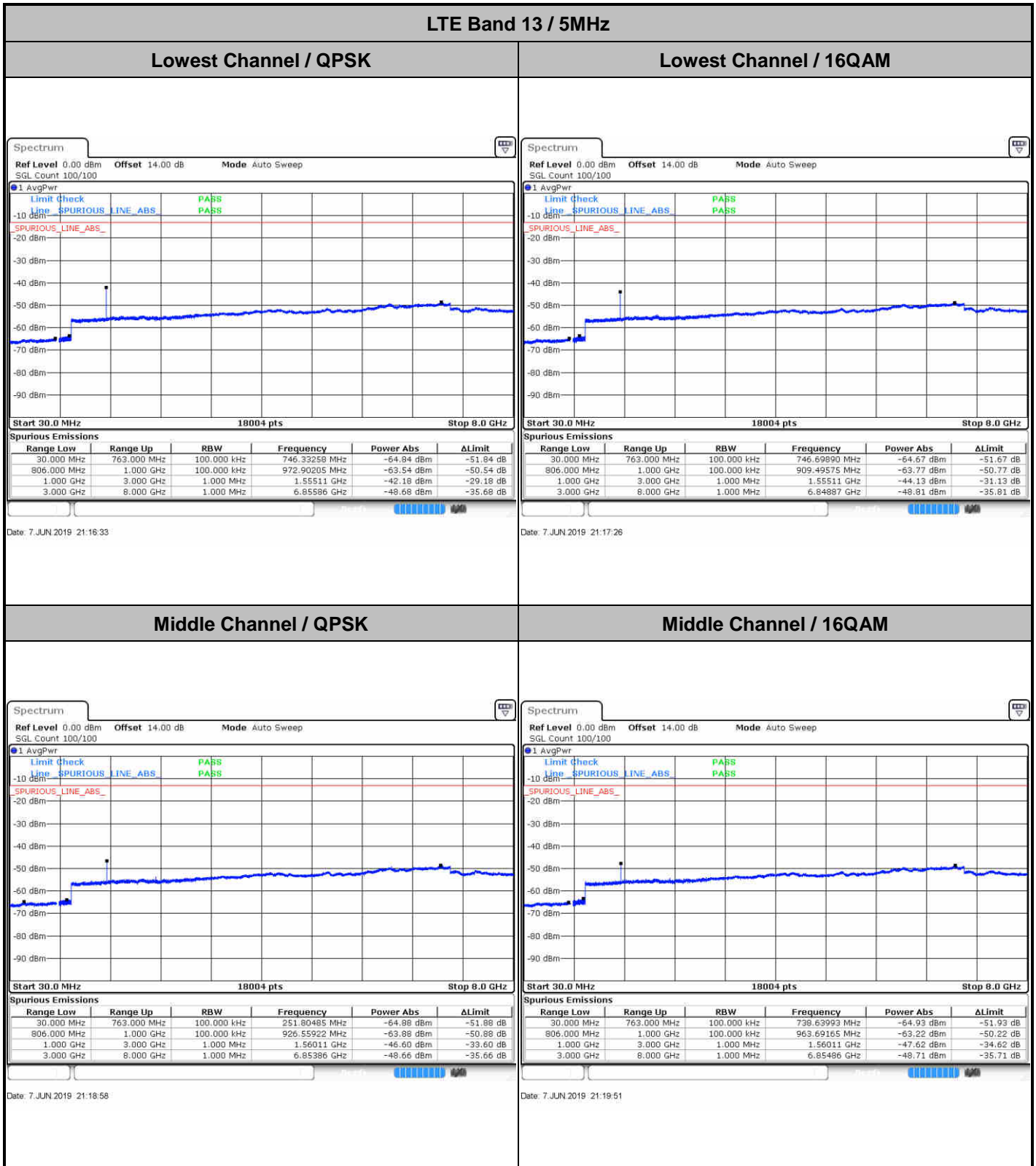
Band Edge / Full RB



Date: 7 JUN 2019 21:35:58



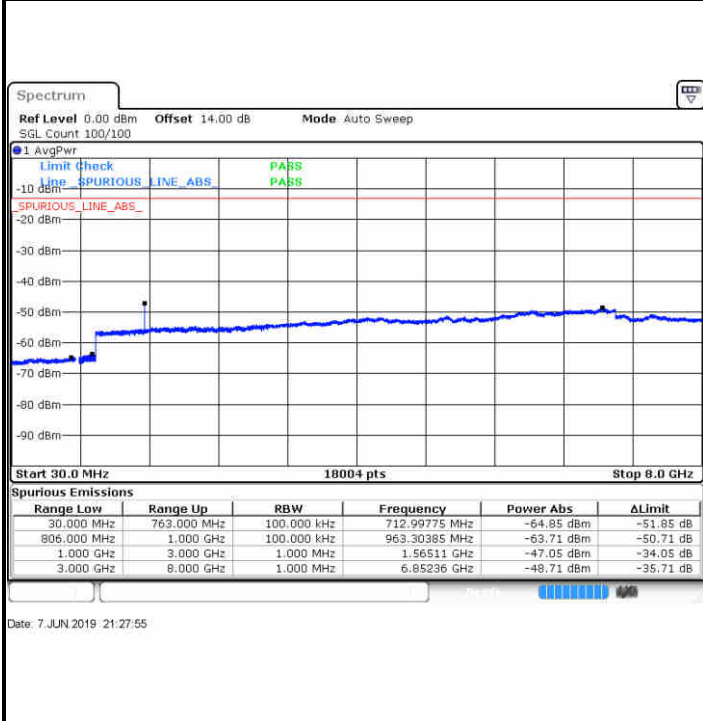
Conducted Spurious Emission



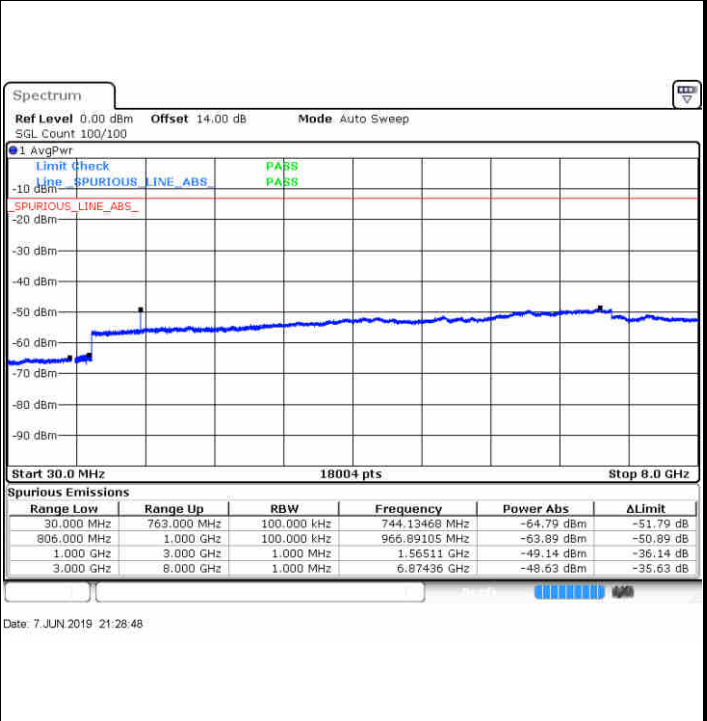


LTE Band 13 / 5MHz

Highest Channel / QPSK

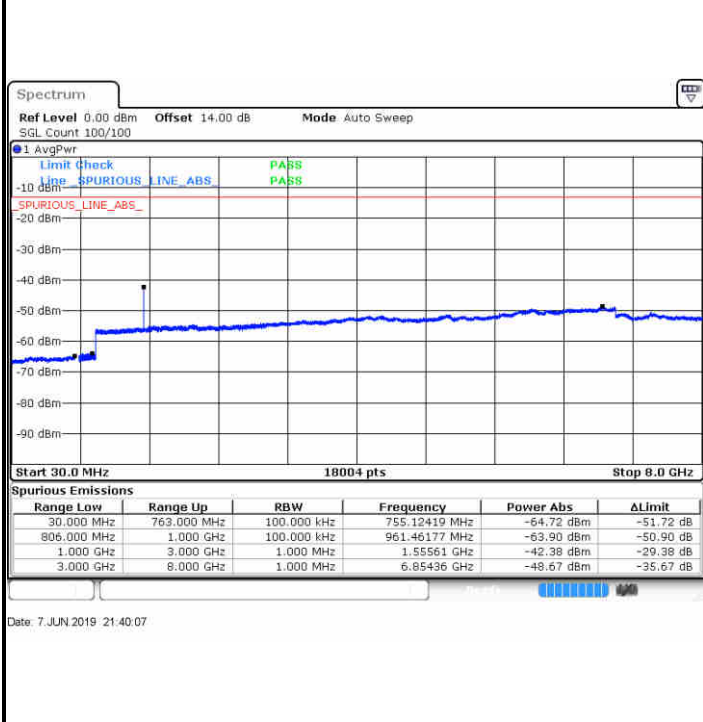


Highest Channel / 16QAM

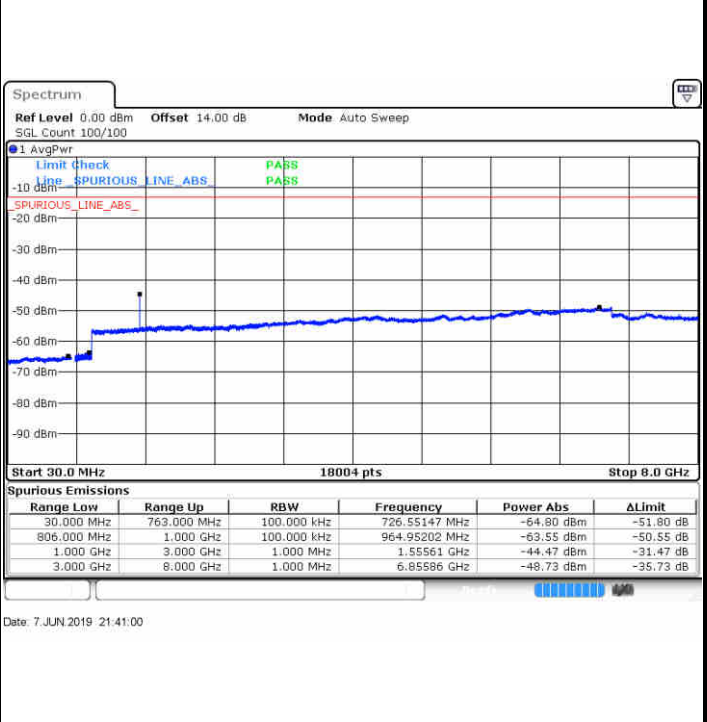


LTE Band 13 / 10MHz

Middle Channel / QPSK



Middle Channel / 16QAM





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

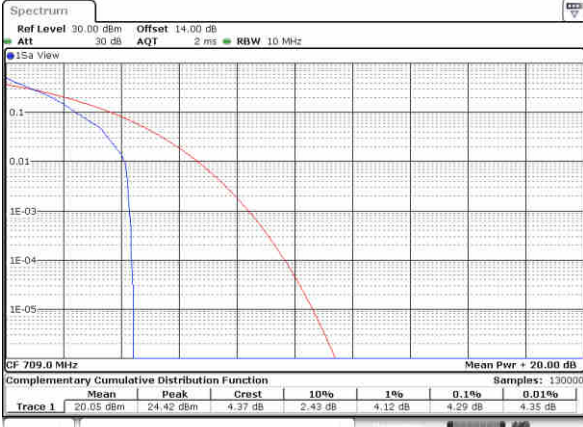
Peak-to-Average Ratio

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	



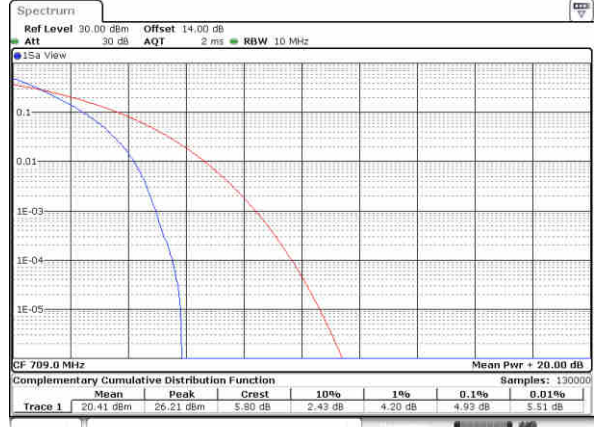
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



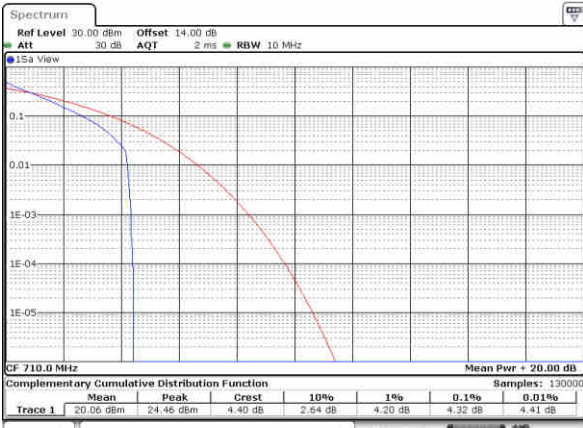
Date: 8 JUN 2019 03:11:44

Lowest Channel / Full RB



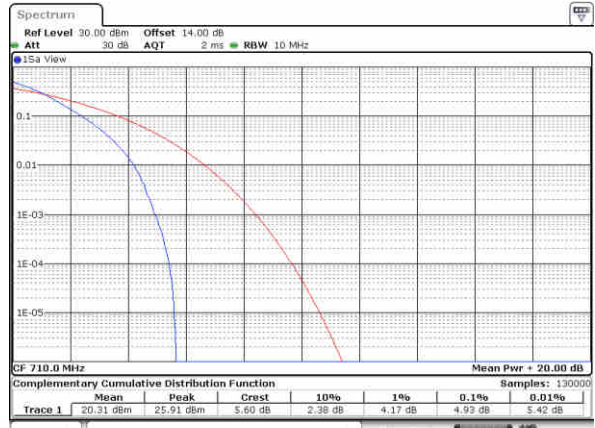
Date: 8 JUN 2019 03:12:06

Middle Channel / 1RB



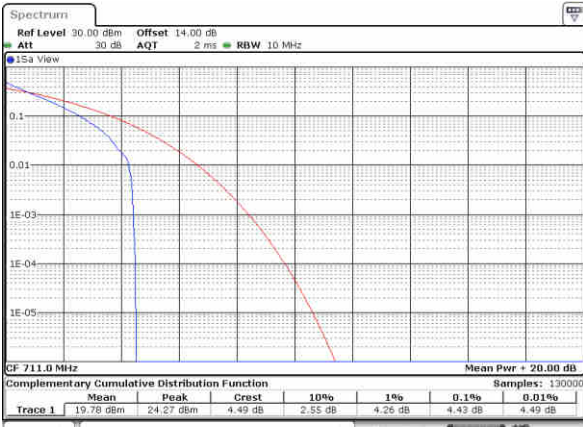
Date: 8 JUN 2019 03:13:20

Middle Channel / Full RB



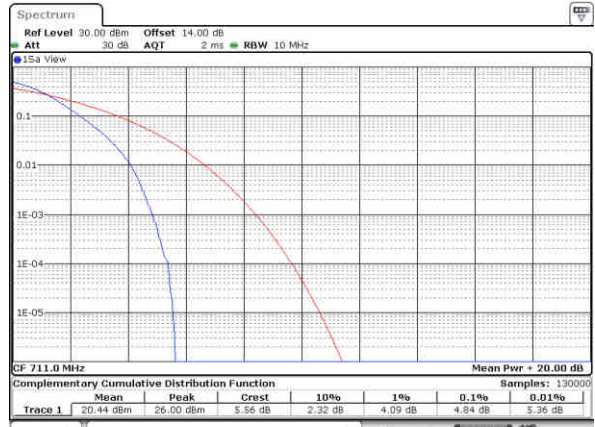
Date: 8 JUN 2019 03:13:01

Highest Channel / 1RB



Date: 8 JUN 2019 03:14:20

Highest Channel / Full RB



Date: 8 JUN 2019 03:14:36



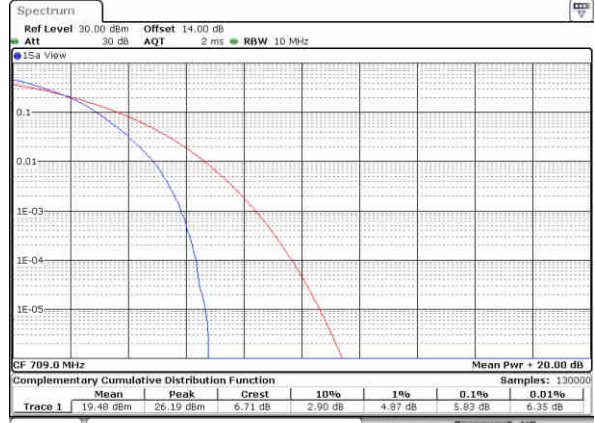
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



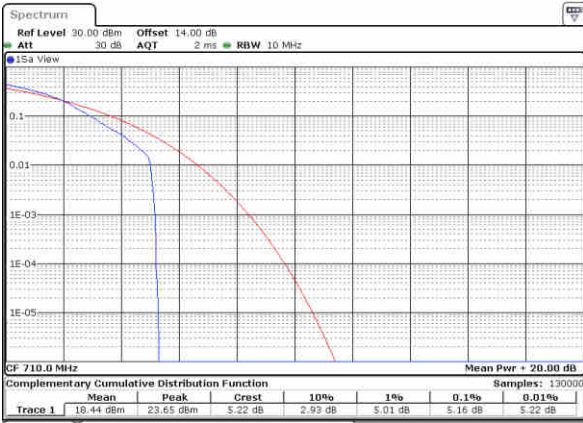
Date: 8 JUN 2019 03:11:01

Lowest Channel / Full RB



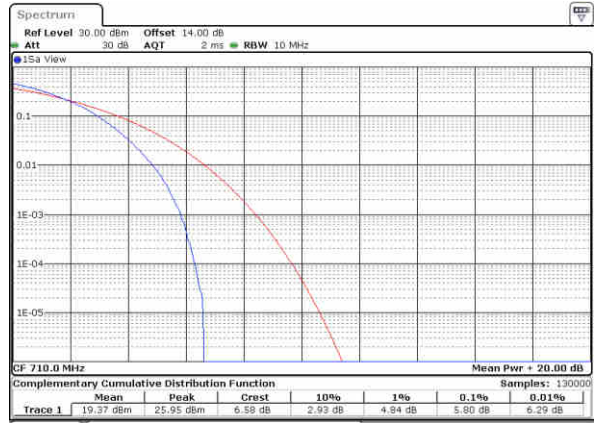
Date: 8 JUN 2019 03:12:27

Middle Channel / 1RB



Date: 8 JUN 2019 03:13:36

Middle Channel / Full RB



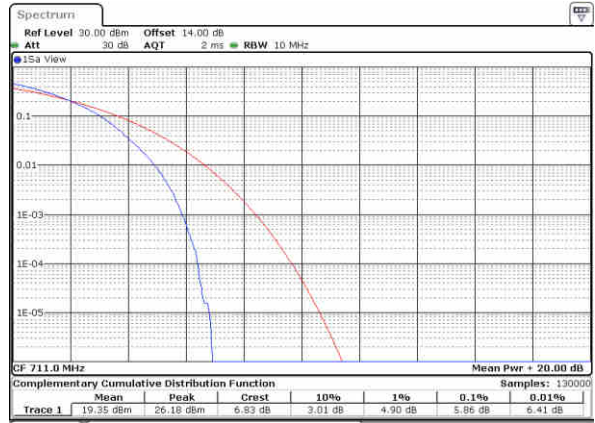
Date: 8 JUN 2019 03:12:46

Highest Channel / 1RB



Date: 8 JUN 2019 03:14:05

Highest Channel / Full RB



Date: 8 JUN 2019 03:14:49



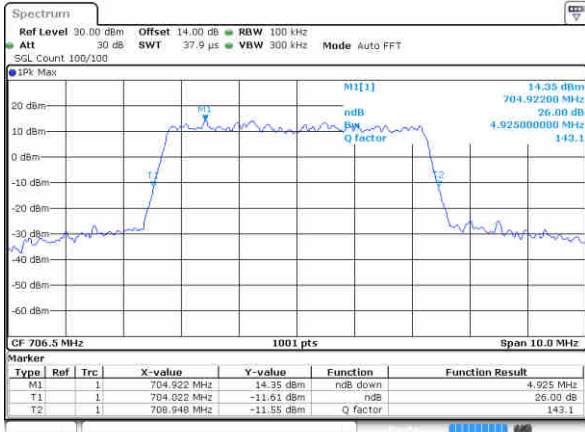
26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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	-	-	-	-

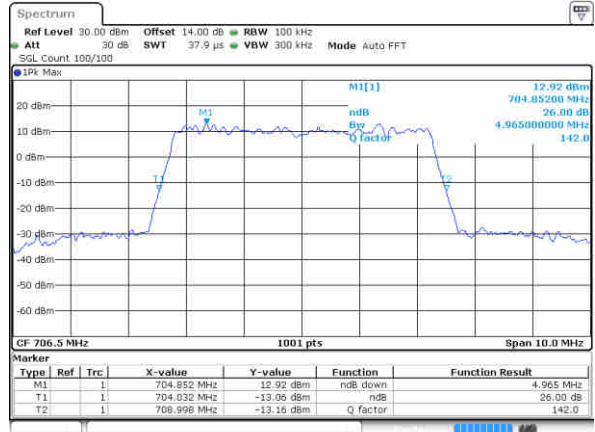


LTE Band 17

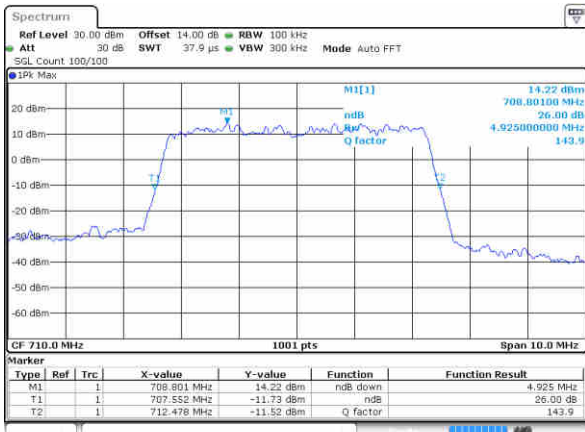
Lowest Channel / 5MHz / QPSK



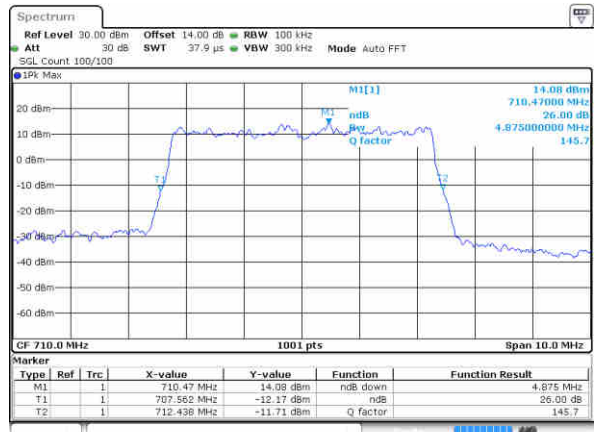
Lowest Channel / 5MHz / 16QAM



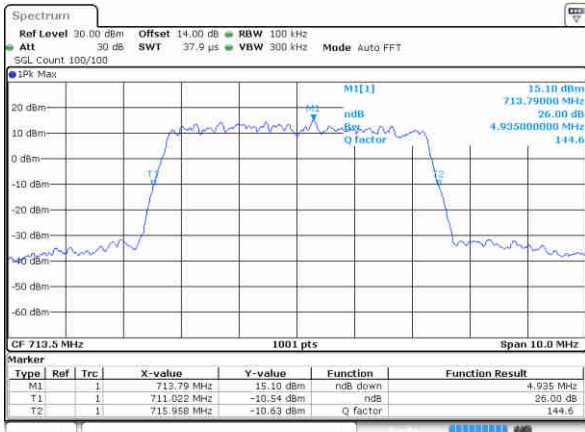
Middle Channel / 5MHz / QPSK



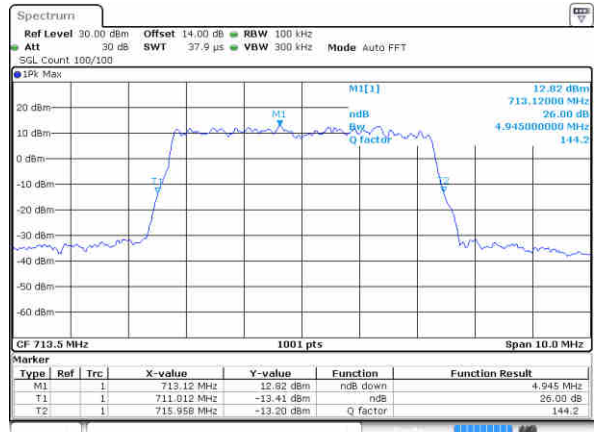
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



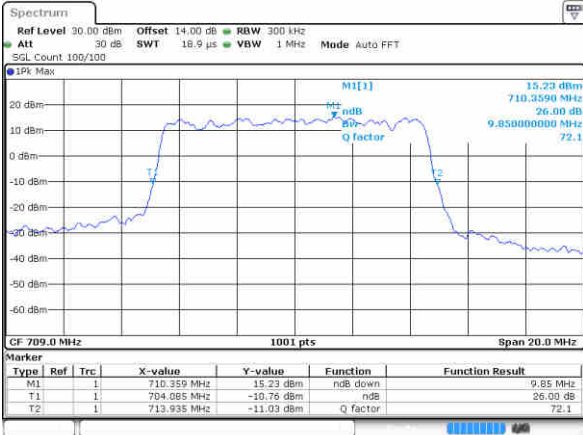
Highest Channel / 5MHz / 16QAM





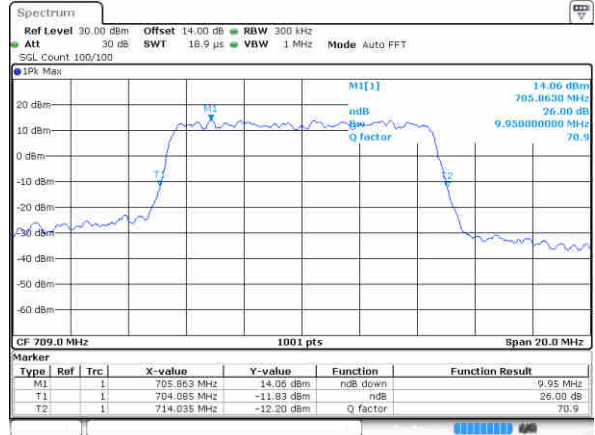
LTE Band 17

Lowest Channel / 10MHz / QPSK



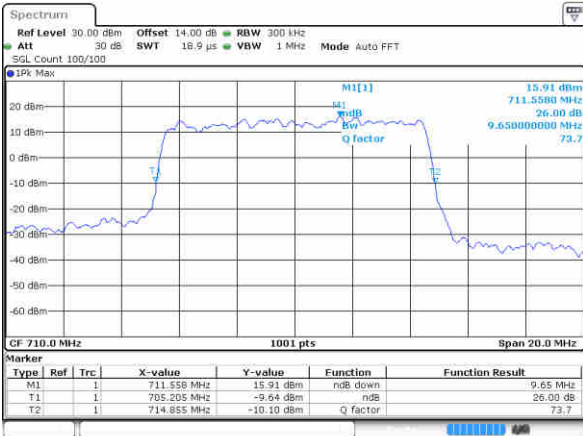
Date: 8 JUN 2019 02:53:25

Lowest Channel / 10MHz / 16QAM



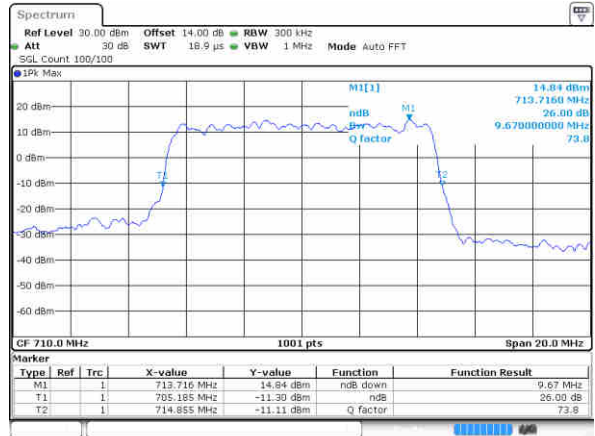
Date: 8 JUN 2019 02:53:35

Middle Channel / 10MHz / QPSK



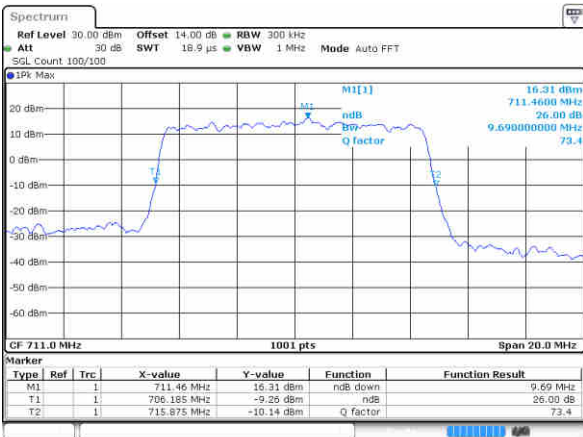
Date: 8 JUN 2019 03:00:22

Middle Channel / 10MHz / 16QAM



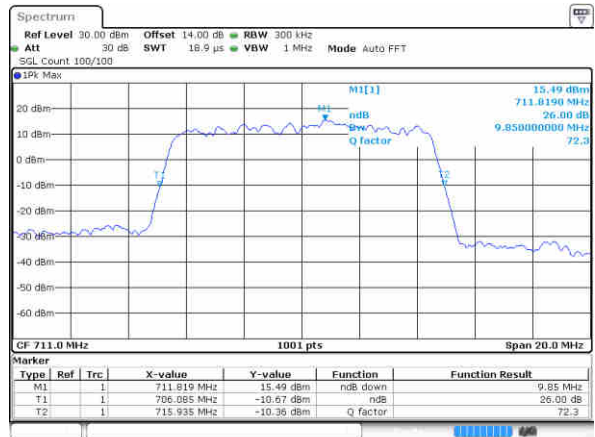
Date: 8 JUN 2019 03:00:32

Highest Channel / 10MHz / QPSK



Date: 8 JUN 2019 03:02:47

Highest Channel / 10MHz / 16QAM



Date: 8 JUN 2019 03:02:57



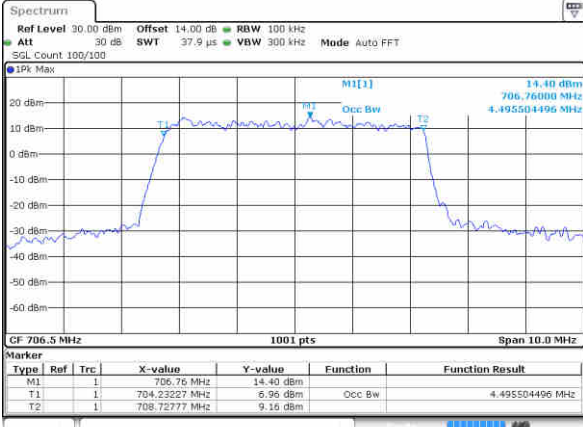
Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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	-	-	-	-



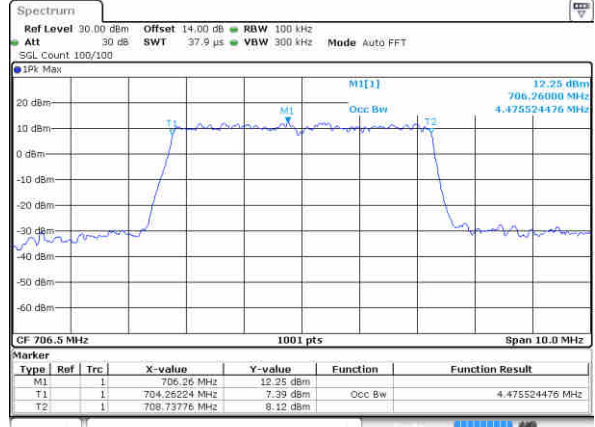
LTE Band 17

Lowest Channel / 5MHz / QPSK



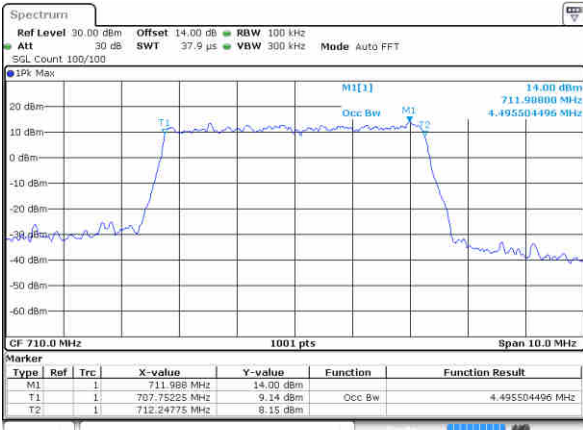
Date: 8 JUN 2019 01:25:25

Lowest Channel / 5MHz / 16QAM



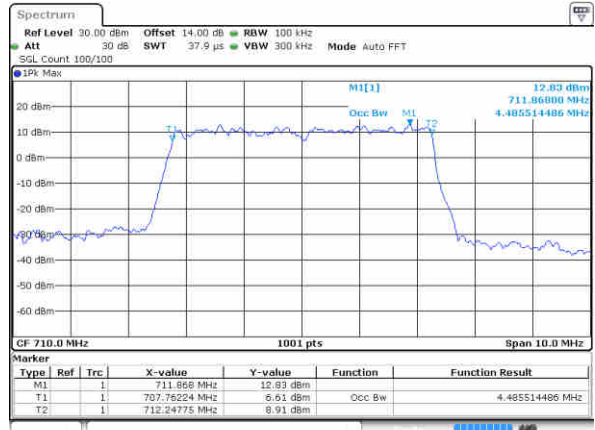
Date: 8 JUN 2019 01:25:36

Middle Channel / 5MHz / QPSK



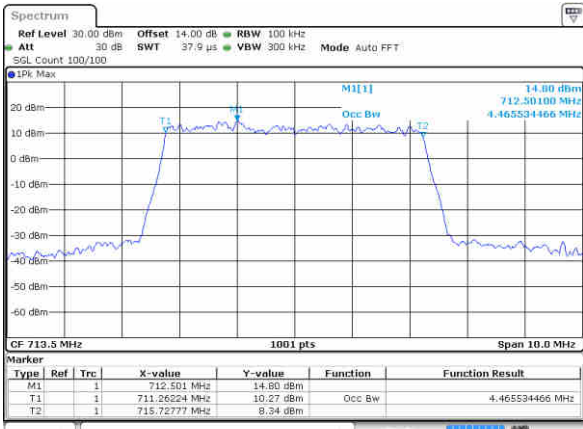
Date: 8 JUN 2019 01:32:24

Middle Channel / 5MHz / 16QAM



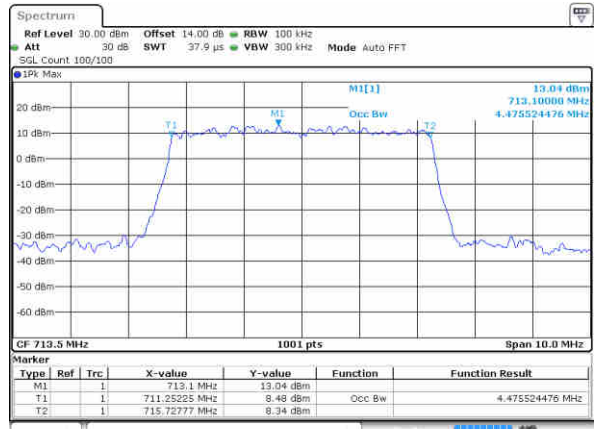
Date: 8 JUN 2019 01:32:33

Highest Channel / 5MHz / QPSK



Date: 8 JUN 2019 01:34:49

Highest Channel / 5MHz / 16QAM

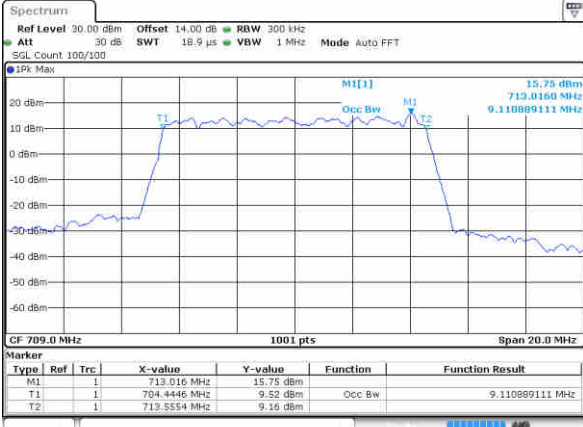


Date: 8 JUN 2019 01:34:59



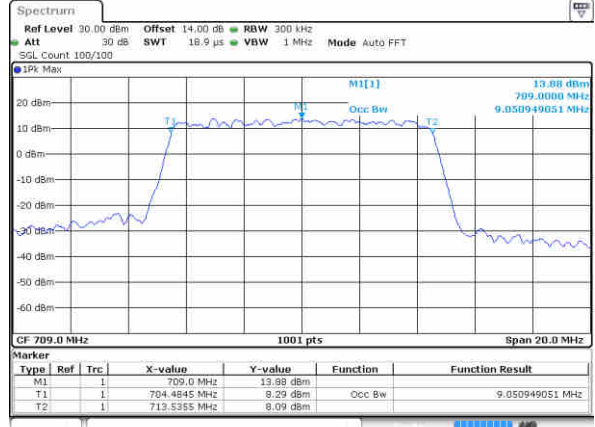
LTE Band 17

Lowest Channel / 10MHz / QPSK



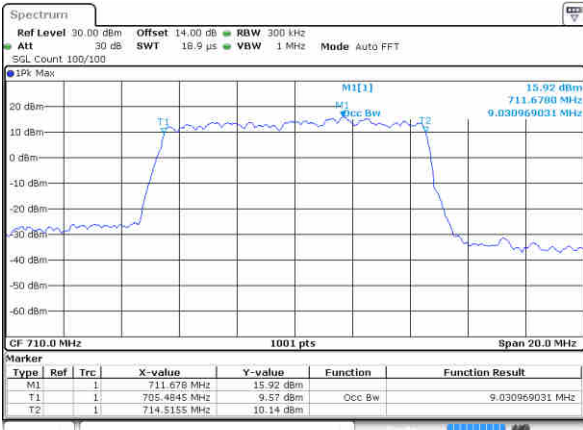
Date: 8 JUN 2019 02:53:06

Lowest Channel / 10MHz / 16QAM



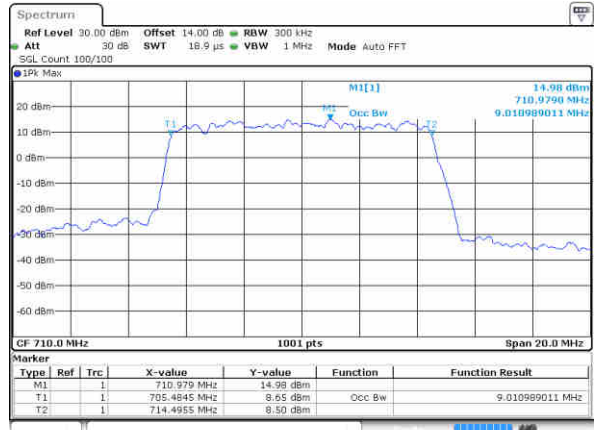
Date: 8 JUN 2019 02:53:15

Middle Channel / 10MHz / QPSK



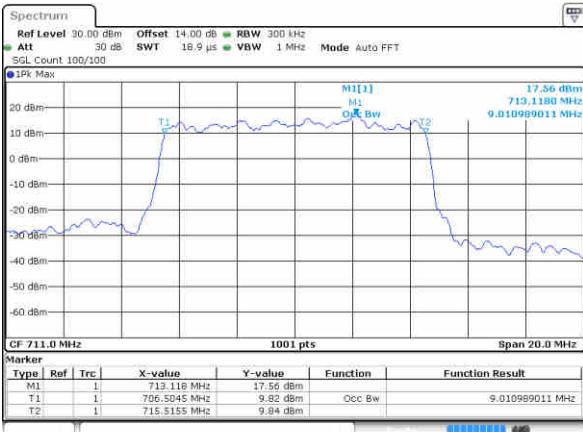
Date: 8 JUN 2019 03:00:02

Middle Channel / 10MHz / 16QAM



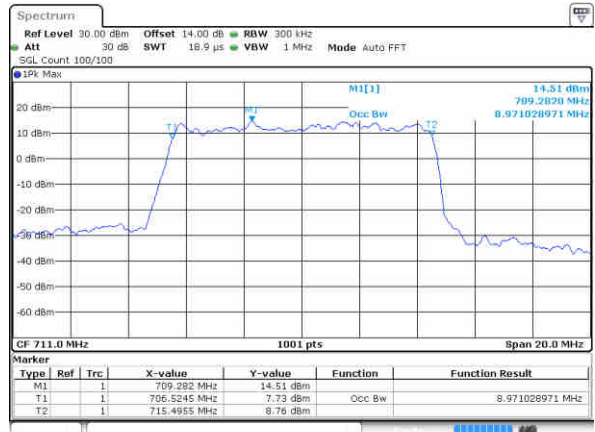
Date: 8 JUN 2019 03:00:12

Highest Channel / 10MHz / QPSK



Date: 8 JUN 2019 03:02:28

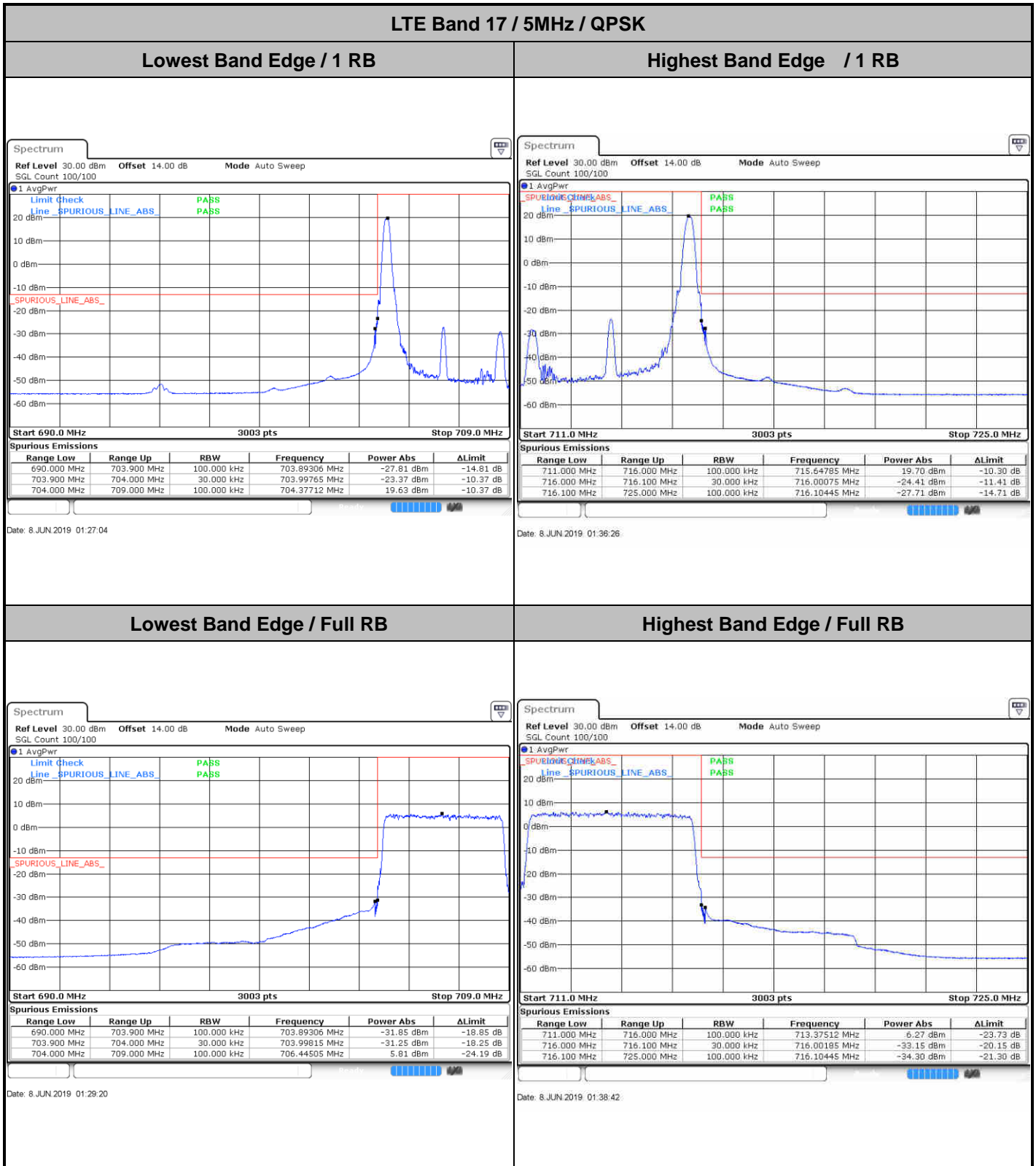
Highest Channel / 10MHz / 16QAM



Date: 8 JUN 2019 03:02:37



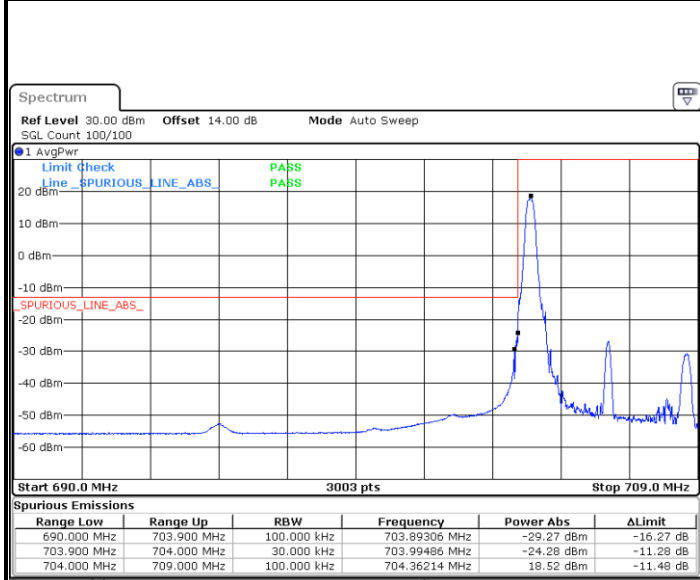
Conducted Band Edge





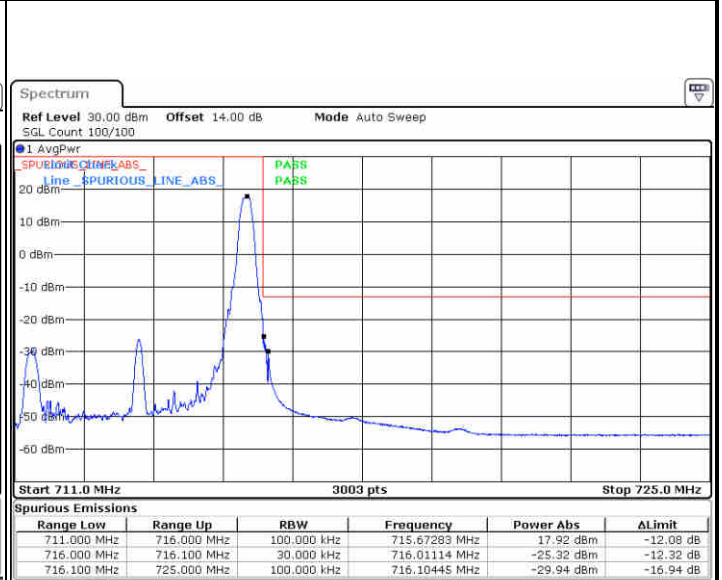
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



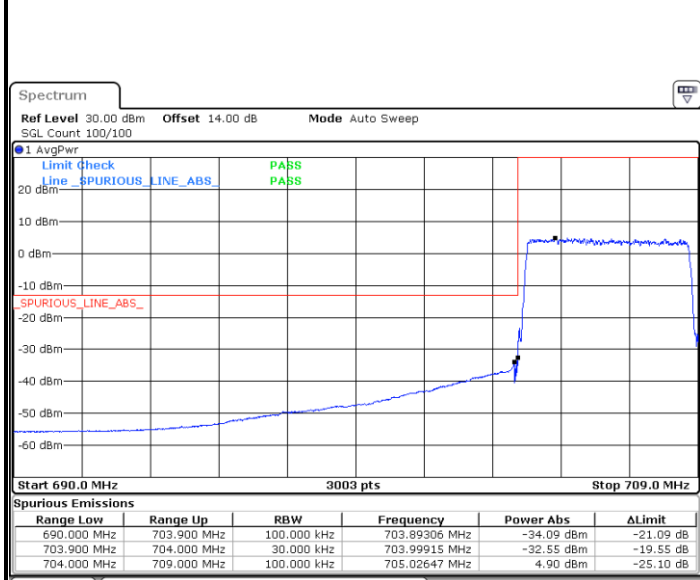
Date: 8 JUN 2019 01:28:12

Highest Band Edge / 1 RB



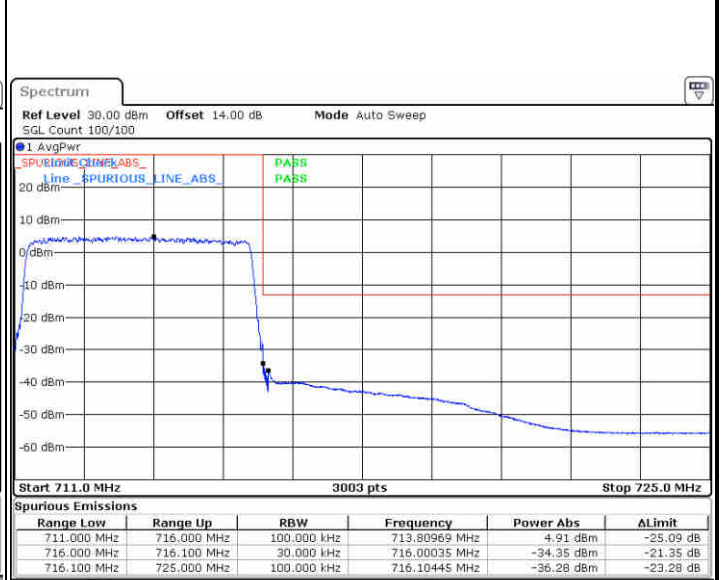
Date: 8 JUN 2019 01:37:34

Lowest Band Edge / Full RB



Date: 8 JUN 2019 01:30:27

Highest Band Edge / Full RB

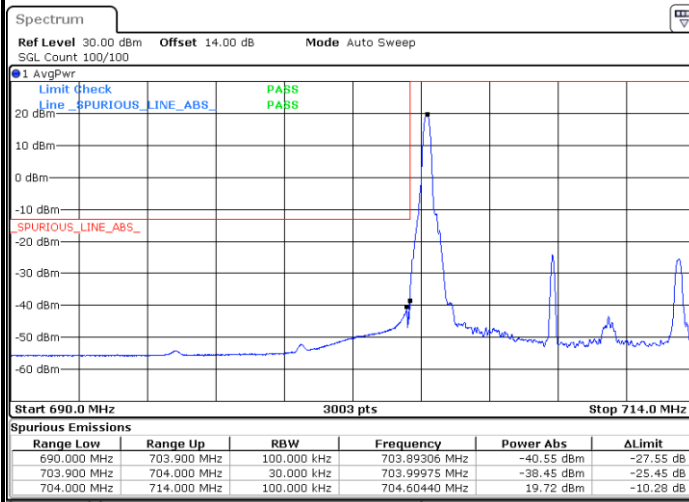


Date: 8 JUN 2019 01:39:49



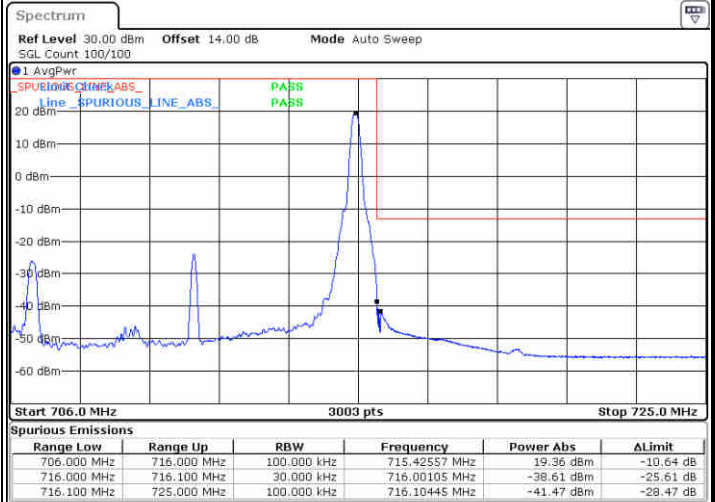
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



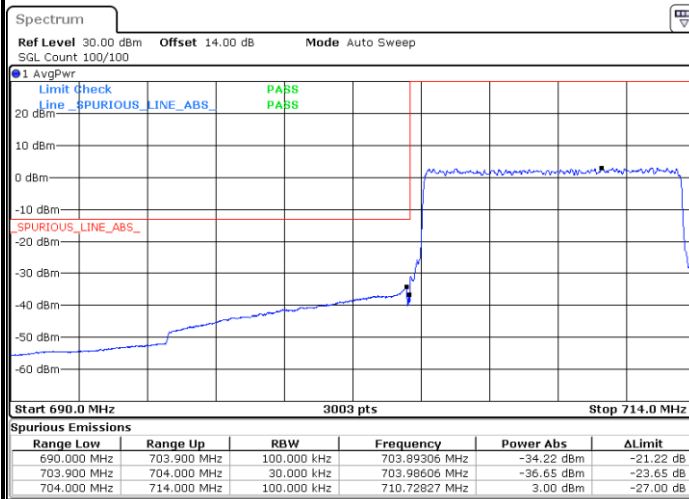
Date: 8 JUN 2019 02:54:43

Highest Band Edge / 1 RB



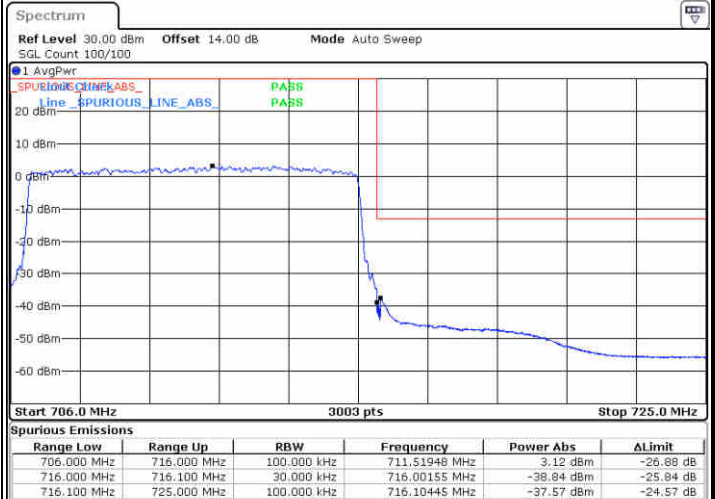
Date: 8 JUN 2019 03:04:05

Lowest Band Edge / Full RB



Date: 8 JUN 2019 02:56:58

Highest Band Edge / Full RB

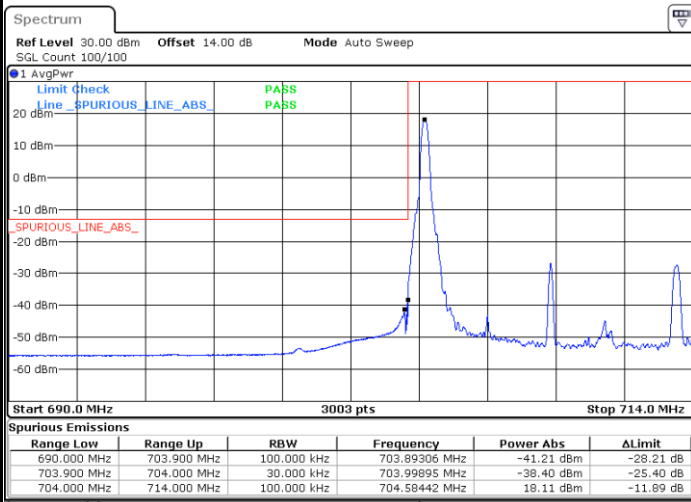


Date: 8 JUN 2019 03:06:21



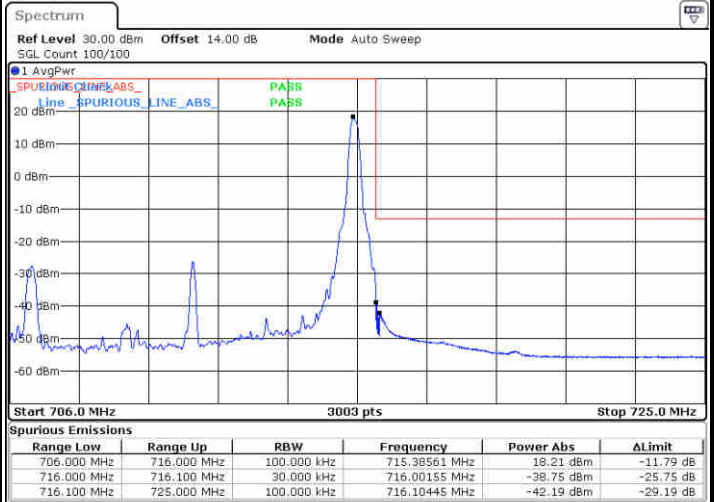
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



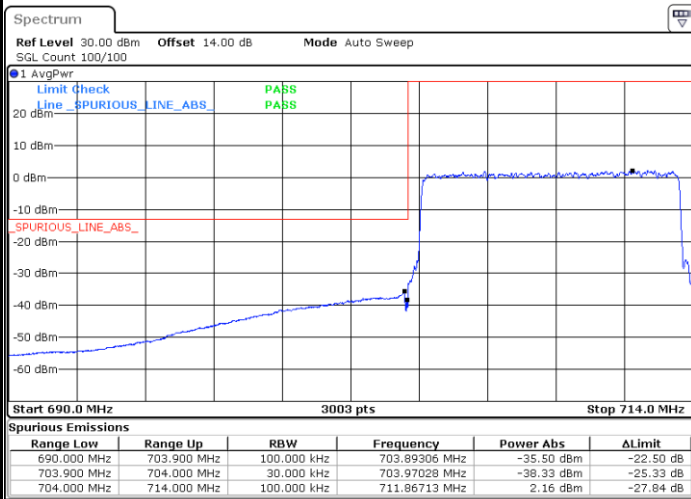
Date: 8 JUN 2019 02:55:50

Highest Band Edge / 1 RB



Date: 8 JUN 2019 03:05:13

Lowest Band Edge / Full RB



Date: 8 JUN 2019 02:58:06

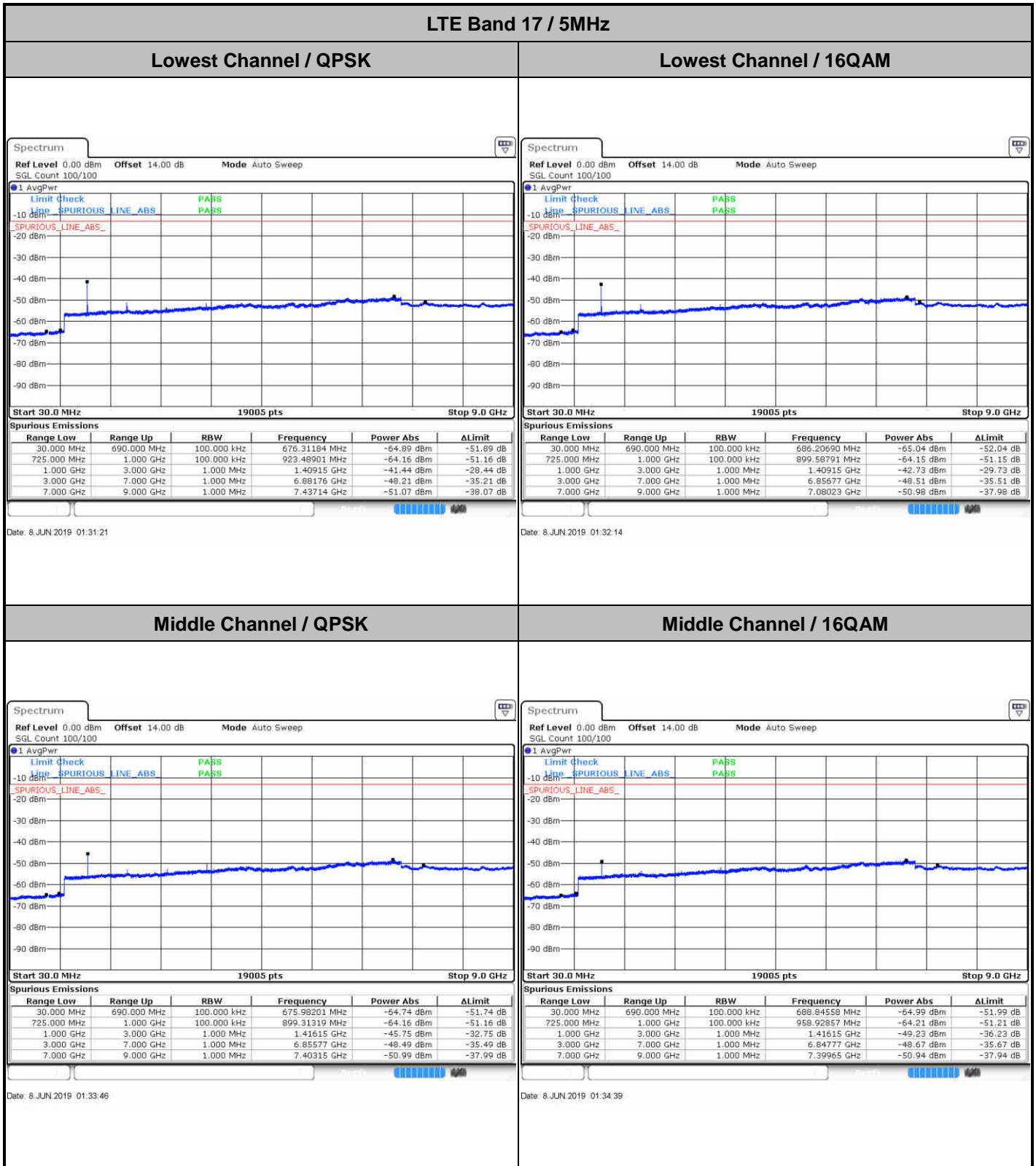
Highest Band Edge / Full RB



Date: 8 JUN 2019 03:07:28



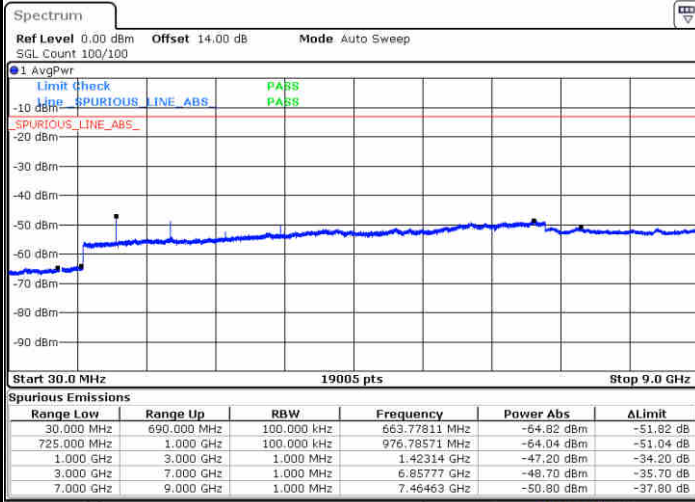
Conducted Spurious Emission





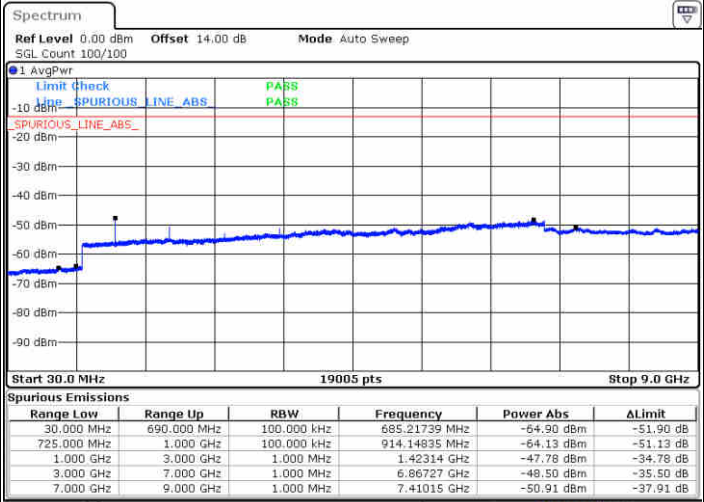
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 8 JUN 2019 01:40:43

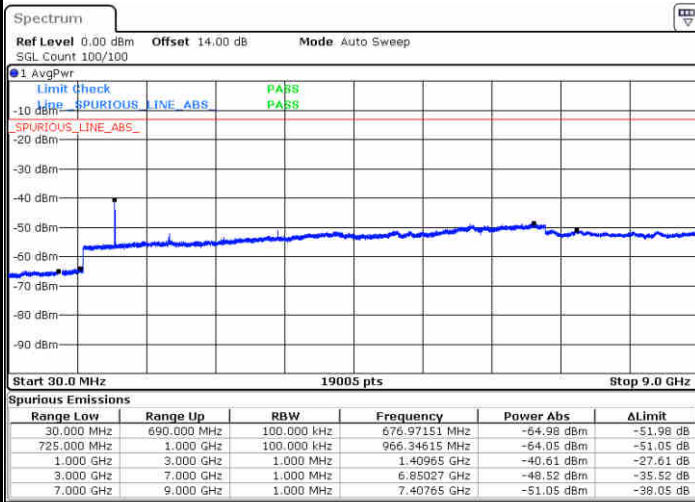
Highest Channel / 16QAM



Date: 8 JUN 2019 01:41:36

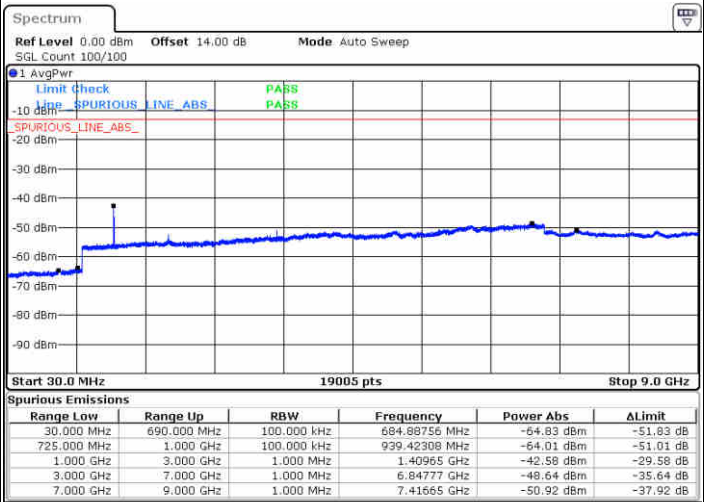
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 8 JUN 2019 02:59:00

Lowest Channel / 16QAM



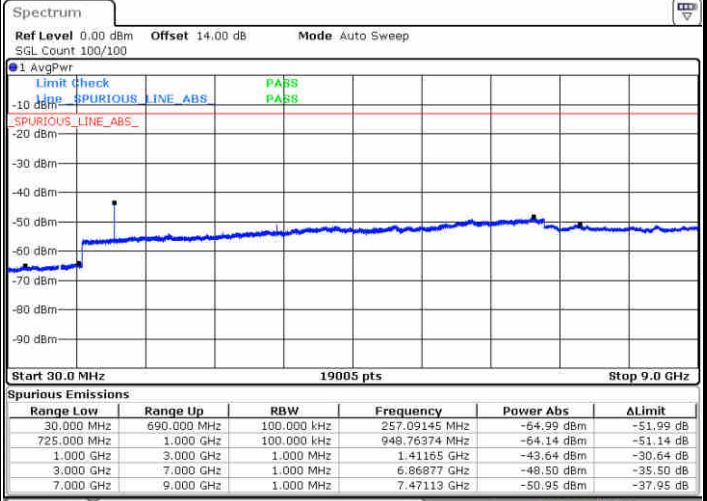
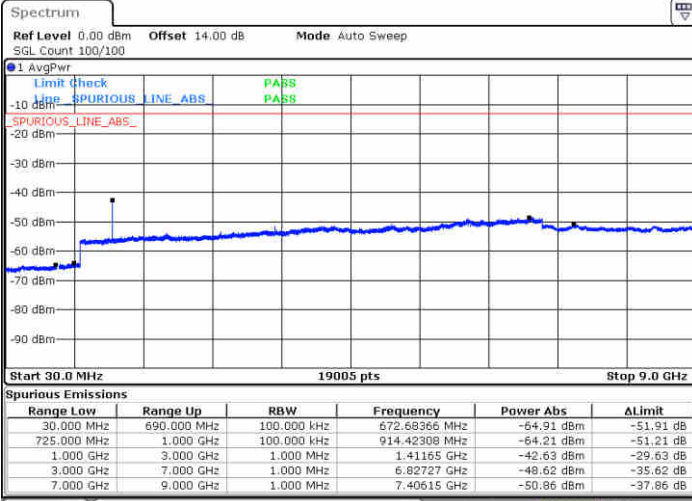
Date: 8 JUN 2019 02:59:53



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

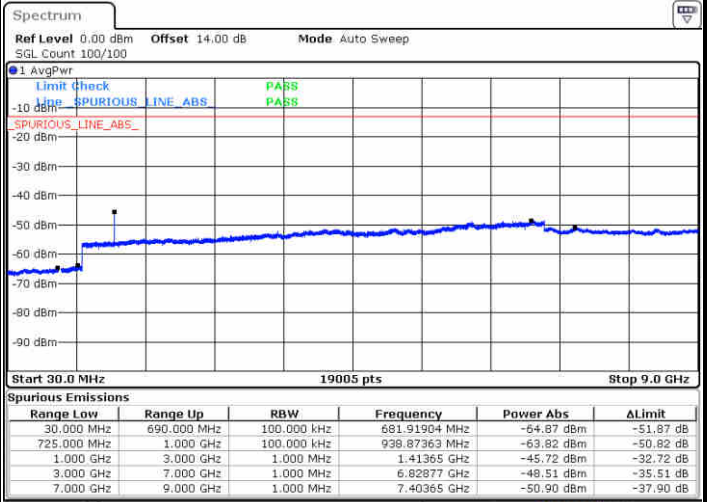
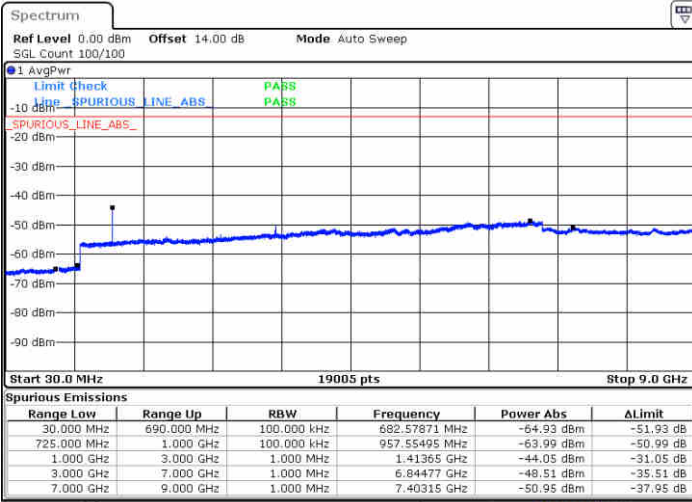


Date: 8 JUN 2019 03:01:25

Date: 8 JUN 2019 03:02:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUN 2019 03:08:22

Date: 8 JUN 2019 03:09:15



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.



LTE Band 5 / 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	1649.92	-53.45	-13	-40.45	-62.52	-56.68	3.98	9.36	H
	2474.88	-61.66	-13	-48.66	-75.16	-65.21	4.85	10.55	H
	3299.84	-61.40	-13	-48.40	-76.98	-66.33	5.50	12.58	H
	4123.5	-60.57	-13	-47.57	-78.50	-65.04	5.98	12.60	H
	4949.76	-60.70	-13	-47.70	-80.66	-64.13	7.10	12.68	H
	1649.92	-54.05	-13	-41.05	-62.75	-57.28	3.98	9.36	V
	2474.88	-59.09	-13	-46.09	-72.52	-62.64	4.85	10.55	V
	3299.84	-63.36	-13	-50.36	-79.01	-68.29	5.50	12.58	V
	4123.5	-61.22	-13	-48.22	-79.13	-65.69	5.98	12.60	V
4949.76	-61.01	-13	-48.01	-81.33	-64.44	7.10	12.68	V	
Middle	1671.92	-57.07	-13	-44.07	-65.92	-60.32	4.00	9.40	H
	2507.88	-61.78	-13	-48.78	-75.26	-65.35	4.88	10.60	H
	3343.84	-60.64	-13	-47.64	-76.11	-65.57	5.52	12.60	H
	4179.8	-61.44	-13	-48.44	-79.42	-65.91	6.00	12.62	H
	5015.76	-59.97	-13	-46.97	-79.91	-63.38	7.14	12.70	H
	1671.92	-55.74	-13	-42.74	-64.38	-58.99	4.00	9.40	V
	2507.88	-59.00	-13	-46.00	-72.33	-62.57	4.88	10.60	V
	3343.84	-64.12	-13	-51.12	-79.59	-69.05	5.52	12.60	V
	4179.8	-62.29	-13	-49.29	-80.16	-66.76	6.00	12.62	V
5015.76	-60.76	-13	-47.76	-81.10	-64.17	7.14	12.70	V	
Highest	1695.52	-58.72	-13	-45.72	-67.70	-61.89	4.10	9.42	H
	2543.28	-64.99	-13	-51.99	-78.39	-68.57	4.90	10.63	H
	3391.04	-65.09	-13	-52.09	-80.12	-70.01	5.55	12.62	H
	4241.5	-62.78	-13	-49.78	-80.98	-67.26	6.02	12.65	H
	5086.56	-60.91	-13	-47.91	-80.94	-64.33	7.15	12.72	H
	1695.52	-55.96	-13	-42.96	-64.74	-59.13	4.10	9.42	V
	2543.28	-63.50	-13	-50.50	-76.80	-67.08	4.90	10.63	V
	3391.04	-64.69	-13	-51.69	-79.75	-69.61	5.55	12.62	V
	4241.5	-63.08	-13	-50.08	-81.23	-67.56	6.02	12.65	V
5086.56	-60.68	-13	-47.68	-81.13	-64.10	7.15	12.72	V	

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



LTE Band 5 / 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	1648.48	-53.44	-13	-40.44	-62.51	-56.67	3.98	9.36	H
	2472.72	-61.48	-13	-48.48	-74.98	-65.03	4.85	10.55	H
	3296.96	-61.02	-13	-48.02	-76.60	-65.95	5.50	12.58	H
	4120.75	-60.80	-13	-47.80	-78.73	-65.27	5.98	12.60	H
	4944.9	-60.27	-13	-47.27	-80.23	-63.70	7.10	12.68	H
	1648.48	-53.27	-13	-40.27	-61.97	-56.50	3.98	9.36	V
	2472.72	-58.92	-13	-45.92	-72.35	-62.47	4.85	10.55	V
	3296.96	-63.72	-13	-50.72	-79.37	-68.65	5.50	12.58	V
	4120.75	-61.06	-13	-48.06	-78.97	-65.53	5.98	12.60	V
4944.9	-60.66	-13	-47.66	-80.98	-64.09	7.10	12.68	V	
Middle	1670.48	-58.34	-13	-45.34	-67.31	-61.59	4.00	9.40	H
	2505.72	-62.31	-13	-49.31	-75.79	-65.88	4.88	10.60	H
	3340.96	-60.70	-13	-47.70	-76.17	-65.63	5.52	12.60	H
	4175.75	-61.18	-13	-48.18	-79.16	-65.65	6.00	12.62	H
	5010.9	-60.73	-13	-47.73	-80.67	-64.14	7.14	12.70	H
	1670.48	-57.05	-13	-44.05	-65.74	-60.30	4.00	9.40	V
	2505.72	-59.40	-13	-46.40	-72.73	-62.97	4.88	10.60	V
	3340.96	-63.54	-13	-50.54	-79.01	-68.47	5.52	12.60	V
	4175.75	-62.55	-13	-49.55	-80.42	-67.02	6.00	12.62	V
5010.9	-60.95	-13	-47.95	-81.29	-64.36	7.14	12.70	V	
Highest	1692.48	-55.20	-13	-42.20	-64.18	-58.37	4.10	9.42	H
	2538.72	-65.27	-13	-52.27	-78.66	-68.85	4.90	10.63	H
	3384.96	-63.92	-13	-50.92	-79.09	-68.84	5.55	12.62	H
	4230.75	-62.54	-13	-49.54	-80.68	-67.02	6.02	12.65	H
	5076.9	-61.23	-13	-48.23	-81.26	-64.65	7.15	12.72	H
	1692.48	-53.74	-13	-40.74	-62.52	-56.91	4.10	9.42	V
	2538.72	-65.16	-13	-52.16	-78.45	-68.74	4.90	10.63	VV
	3384.96	-64.61	-13	-51.61	-79.81	-69.53	5.55	12.62	V
	4230.75	-62.83	-13	-49.83	-80.91	-67.31	6.02	12.65	V
5076.9	-60.63	-13	-47.63	-81.08	-64.05	7.15	12.72	V	

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



LTE Band 5 / 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	1648.68	-52.30	-13	-39.30	-61.37	-55.53	3.98	9.36	H
	2473.02	-61.60	-13	-48.60	-75.10	-65.15	4.85	10.55	H
	3297.36	-61.33	-13	-48.33	-76.91	-66.26	5.50	12.58	H
	4121.25	-60.57	-13	-47.57	-78.50	-65.04	5.98	12.60	H
	4945.5	-60.48	-13	-47.48	-80.44	-63.91	7.10	12.68	H
	1648.68	-52.68	-13	-39.68	-61.38	-55.91	3.98	9.36	V
	2473.02	-59.32	-13	-46.32	-72.75	-62.87	4.85	10.55	V
	3297.36	-63.38	-13	-50.38	-79.03	-68.31	5.50	12.58	V
	4121.25	-60.68	-13	-47.68	-78.59	-65.15	5.98	12.60	V
4945.5	-60.84	-13	-47.84	-81.16	-64.27	7.10	12.68	V	
Middle	1668.68	-60.62	-13	-47.62	-69.59	-63.87	4.00	9.40	H
	2503.02	-63.09	-13	-50.09	-76.59	-66.66	4.88	10.60	H
	3337.36	-62.00	-13	-49.00	-77.50	-66.93	5.52	12.60	H
	4171.25	-61.86	-13	-48.86	-79.86	-66.33	6.00	12.62	H
	5005.5	-61.01	-13	-48.01	-80.95	-64.42	7.14	12.70	H
	1668.68	-58.68	-13	-45.68	-67.37	-61.93	4.00	9.40	V
	2503.02	-60.79	-13	-47.79	-74.18	-64.36	4.88	10.60	V
	3337.36	-64.05	-13	-51.05	-79.58	-68.98	5.52	12.60	V
	4171.25	-62.47	-13	-49.47	-80.36	-66.94	6.00	12.62	V
5005.5	-60.65	-13	-47.65	-80.99	-64.06	7.14	12.70	V	
Highest	1688.68	-53.40	-13	-40.40	-62.38	-56.57	4.10	9.42	H
	2533.02	-64.29	-13	-51.29	-77.73	-67.87	4.90	10.63	H
	3377.36	-61.89	-13	-48.89	-77.06	-66.81	5.55	12.62	H
	4221.25	-61.48	-13	-48.48	-79.57	-65.96	6.02	12.65	H
	5065.5	-60.84	-13	-47.84	-80.84	-64.26	7.15	12.72	H
	1688.68	-50.74	-13	-37.74	-59.52	-53.91	4.10	9.42	V
	2533.02	-61.43	-13	-48.43	-74.75	-65.01	4.90	10.63	V
	3377.36	-63.93	-13	-50.93	-79.13	-68.85	5.55	12.62	V
	4221.25	-62.50	-13	-49.50	-80.51	-66.98	6.02	12.65	V
5065.5	-60.86	-13	-47.86	-81.28	-64.28	7.15	12.72	V	

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



LTE Band 5 / 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	1649.18	-52.84	-13	-39.84	-61.91	-56.07	3.98	9.36	H
	2473.77	-61.14	-13	-48.14	-74.64	-64.69	4.85	10.55	H
	3298.36	-60.55	-13	-47.55	-76.13	-65.48	5.50	12.58	H
	4122.5	-60.43	-13	-47.43	-78.36	-64.90	5.98	12.60	H
	4947	-60.44	-13	-47.44	-80.40	-63.87	7.10	12.68	H
	1649.18	-53.26	-13	-40.26	-61.96	-56.49	3.98	9.36	V
	2473.77	-58.51	-13	-45.51	-71.94	-62.06	4.85	10.55	V
	3298.36	-62.95	-13	-49.95	-78.60	-67.88	5.50	12.58	V
	4122.5	-60.60	-13	-47.60	-78.51	-65.07	5.98	12.60	V
4947	-60.77	-13	-47.77	-81.09	-64.20	7.10	12.68	V	
Middle	1664.18	-59.10	-13	-46.10	-68.07	-62.35	4.00	9.40	H
	2496.27	-63.59	-13	-50.59	-77.09	-67.16	4.88	10.60	H
	3328.36	-63.75	-13	-50.75	-79.25	-68.68	5.52	12.60	H
	4160	-62.57	-13	-49.57	-80.54	-67.04	6.00	12.62	H
	4992	-60.94	-13	-47.94	-80.86	-64.35	7.14	12.70	H
	1664.18	-55.27	-13	-42.27	-63.96	-58.52	4.00	9.40	V
	2496.27	-63.09	-13	-50.09	-76.48	-66.66	4.88	10.60	V
	3328.36	-63.76	-13	-50.76	-79.29	-68.69	5.52	12.60	V
	4160	-62.51	-13	-49.51	-80.40	-66.98	6.00	12.62	V
4992	-60.43	-13	-47.43	-80.75	-63.84	7.14	12.70	V	
Highest	1679.18	-52.74	-13	-39.74	-61.61	-55.91	4.10	9.42	H
	2518.77	-60.15	-13	-47.15	-73.64	-63.73	4.90	10.63	H
	3358.36	-60.66	-13	-47.66	-75.98	-65.58	5.55	12.62	H
	4197.5	-59.54	-13	-46.54	-77.58	-64.02	6.02	12.65	H
	5037	-57.95	-13	-44.95	-77.92	-61.37	7.15	12.72	H
	1679.18	-50.98	-13	-37.98	-59.64	-54.15	4.10	9.42	V
	2518.77	-57.65	-13	-44.65	-70.99	-61.23	4.90	10.63	V
	3358.36	-63.36	-13	-50.36	-78.69	-68.28	5.55	12.62	V
	4197.5	-60.42	-13	-47.42	-78.37	-64.90	6.02	12.65	V
5037	-60.30	-13	-47.30	-80.67	-63.72	7.15	12.72	V	

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



LTE Band 12 / 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	1398.14	-53.72	-13	-40.72	-63.13	-56.95	3.98	9.36	H
	2097.21	-61.07	-13	-48.07	-73.80	-64.62	4.85	10.55	H
	2796.28	-62.98	-13	-49.98	-76.73	-67.91	5.50	12.58	H
	3495.35	-59.94	-13	-46.94	-75.85	-64.41	5.98	12.60	H
	4194.42	-60.87	-13	-47.87	-78.91	-64.30	7.10	12.68	H
	1398.14	-50.99	-13	-37.99	-60.32	-54.22	3.98	9.36	V
	2097.21	-55.82	-13	-42.82	-68.48	-59.37	4.85	10.55	V
	2796.28	-63.68	-13	-50.68	-78.14	-68.61	5.50	12.58	V
	3495.35	-61.45	-13	-48.45	-77.39	-65.92	5.98	12.60	V
	4194.42	-61.56	-13	-48.56	-79.51	-64.99	7.10	12.68	V
Middle	1413.74	-55.45	-13	-42.45	-64.90	-58.70	4.00	9.40	H
	2120.61	-60.59	-13	-47.59	-73.57	-64.16	4.88	10.60	H
	2827.48	-63.19	-13	-50.19	-77.11	-68.12	5.52	12.60	H
	3534.35	-59.27	-13	-46.27	-75.46	-63.74	6.00	12.62	H
	4241.22	-61.96	-13	-48.96	-80.16	-65.37	7.14	12.70	H
	1413.74	-52.46	-13	-39.46	-61.87	-55.71	4.00	9.40	V
	2120.61	-58.07	-13	-45.07	-70.96	-61.64	4.88	10.60	V
	2827.48	-63.37	-13	-50.37	-77.90	-68.30	5.52	12.60	V
	3534.35	-61.29	-13	-48.29	-77.52	-65.76	6.00	12.62	V
	4241.22	-61.94	-13	-48.94	-80.09	-65.35	7.14	12.70	V
Highest	1429.34	-53.54	-13	-40.54	-63.03	-56.71	4.10	9.42	H
	2144.01	-58.36	-13	-45.36	-71.59	-61.94	4.90	10.63	H
	2858.68	-58.87	-13	-45.87	-73.11	-63.79	5.55	12.62	H
	3573.35	-55.58	-13	-42.58	-72.05	-60.06	6.02	12.65	H
	4288.02	-61.23	-13	-48.23	-79.52	-64.65	7.15	12.72	H
	1429.34	-51.01	-13	-38.01	-60.40	-54.18	4.10	9.42	V
	2144.01	-53.51	-13	-40.51	-66.63	-57.09	4.90	10.63	V
	2858.68	-59.12	-13	-46.12	-73.75	-64.04	5.55	12.62	V
	3573.35	-57.78	-13	-44.78	-74.28	-62.26	6.02	12.65	V
	4288.02	-62.13	-13	-49.13	-80.41	-65.55	7.15	12.72	V

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



LTE Band 12 / 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	1398.3	-53.09	-13	-40.09	-62.50	-56.32	3.98	9.36	H
	2097.45	-60.06	-13	-47.06	-72.79	-63.61	4.85	10.55	H
	2796.6	-62.86	-13	-49.86	-76.61	-67.79	5.50	12.58	H
	3495.75	-59.96	-13	-46.96	-75.87	-64.43	5.98	12.60	H
	4194.9	-60.44	-13	-47.44	-78.48	-63.87	7.10	12.68	H
	1398.3	-50.66	-13	-37.66	-59.99	-53.89	3.98	9.36	V
	2097.45	-56.55	-13	-43.55	-69.21	-60.10	4.85	10.55	V
	2796.6	-63.03	-13	-50.03	-77.49	-67.96	5.50	12.58	V
	3495.75	-60.87	-13	-47.87	-76.81	-65.34	5.98	12.60	V
4194.9	-60.47	-13	-47.47	-78.42	-63.90	7.10	12.68	V	
Middle	1412.3	-55.03	-13	-42.03	-64.48	-58.28	4.00	9.40	H
	2118.45	-60.44	-13	-47.44	-73.42	-64.01	4.88	10.60	H
	2824.6	-61.92	-13	-48.92	-75.84	-66.85	5.52	12.60	H
	3530.75	-58.88	-13	-45.88	-75.07	-63.35	6.00	12.62	H
	4236.9	-61.56	-13	-48.56	-79.70	-64.97	7.14	12.70	H
	1412.3	-51.56	-13	-38.56	-60.97	-54.81	4.00	9.40	V
	2118.45	-57.84	-13	-44.84	-70.73	-61.41	4.88	10.60	V
	2824.6	-62.89	-13	-49.89	-77.42	-67.82	5.52	12.60	V
	3530.75	-60.73	-13	-47.73	-76.96	-65.20	6.00	12.62	V
4236.9	-61.43	-13	-48.43	-79.51	-64.84	7.14	12.70	V	
Highest	1425.9	-52.70	-13	-39.70	-62.19	-55.87	4.10	9.42	H
	2138.85	-58.46	-13	-45.46	-71.69	-62.04	4.90	10.63	H
	2851.8	-60.88	-13	-47.88	-75.12	-65.80	5.55	12.62	H
	3564.75	-56.45	-13	-43.45	-72.92	-60.93	6.02	12.65	H
	4277.7	-61.75	-13	-48.75	-80.04	-65.17	7.15	12.72	H
	1425.9	-51.43	-13	-38.43	-60.82	-54.60	4.10	9.42	V
	2138.85	-55.09	-13	-42.09	-68.21	-58.67	4.90	10.63	V
	2851.8	-61.59	-13	-48.59	-76.22	-66.51	5.55	12.62	V
	3564.75	-59.11	-13	-46.11	-75.61	-63.59	6.02	12.65	V
4277.7	-61.45	-13	-48.45	-79.73	-64.87	7.15	12.72	V	

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



LTE Band 12 / 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	1398.5	-53.37	-13	-40.37	-62.78	-56.60	3.98	9.36	H
	2097.75	-61.38	-13	-48.38	-74.11	-64.93	4.85	10.55	H
	2797	-63.51	-13	-50.51	-77.26	-68.44	5.50	12.58	H
	3496.25	-60.29	-13	-47.29	-76.20	-64.76	5.98	12.60	H
	4195.5	-60.66	-13	-47.66	-78.70	-64.09	7.10	12.68	H
	1398.5	-51.38	-13	-38.38	-60.71	-54.61	3.98	9.36	V
	2097.75	-57.23	-13	-44.23	-69.89	-60.78	4.85	10.55	V
	2797	-64.22	-13	-51.22	-78.68	-69.15	5.50	12.58	V
	3496.25	-61.22	-13	-48.22	-77.16	-65.69	5.98	12.60	V
	4195.5	-60.80	-13	-47.80	-78.75	-64.23	7.10	12.68	V
Middle	1410.5	-53.35	-13	-40.35	-62.80	-56.60	4.00	9.40	H
	2115.75	-60.37	-13	-47.37	-73.35	-63.94	4.88	10.60	H
	2821	-62.13	-13	-49.13	-76.04	-67.06	5.52	12.60	H
	3526.25	-59.34	-13	-46.34	-75.53	-63.81	6.00	12.62	H
	4231.5	-61.88	-13	-48.88	-80.02	-65.29	7.14	12.70	H
	1410.5	-51.34	-13	-38.34	-60.75	-54.59	4.00	9.40	V
	2115.75	-57.08	-13	-44.08	-69.97	-60.65	4.88	10.60	V
	2821	-62.49	-13	-49.49	-77.01	-67.42	5.52	12.60	V
	3526.25	-60.61	-13	-47.61	-76.84	-65.08	6.00	12.62	V
	4231.5	-61.92	-13	-48.92	-80.00	-65.33	7.14	12.70	V
Highest	1422.5	-53.13	-13	-40.13	-62.62	-56.30	4.10	9.42	H
	2133.75	-60.52	-13	-47.52	-73.73	-64.10	4.90	10.63	H
	2845	-61.65	-13	-48.65	-75.88	-66.57	5.55	12.62	H
	3556.25	-57.31	-13	-44.31	-73.64	-61.79	6.02	12.65	H
	4267.5	-62.56	-13	-49.56	-80.80	-65.98	7.15	12.72	H
	1422.5	-51.66	-13	-38.66	-61.05	-54.83	4.10	9.42	V
	2133.75	-56.02	-13	-43.02	-69.12	-59.60	4.90	10.63	V
	2845	-62.96	-13	-49.96	-77.58	-67.88	5.55	12.62	V
	3556.25	-59.88	-13	-46.88	-76.24	-64.36	6.02	12.65	V
	4267.5	-61.83	-13	-48.83	-80.04	-65.25	7.15	12.72	V

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



LTE Band 12 / 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	1399	-52.85	-13	-39.85	-62.26	-56.08	3.98	9.36	H
	2098.5	-60.99	-13	-47.99	-73.72	-64.54	4.85	10.55	H
	2798	-62.58	-13	-49.58	-76.34	-67.51	5.50	12.58	H
	3497	-60.43	-13	-47.43	-76.34	-64.90	5.98	12.60	H
	4197	-60.55	-13	-47.55	-78.59	-63.98	7.10	12.68	H
	1399	-50.74	-13	-37.74	-60.07	-53.97	3.98	9.36	V
	2098.5	-57.46	-13	-44.46	-70.12	-61.01	4.85	10.55	V
	2798	-63.37	-13	-50.37	-77.84	-68.30	5.50	12.58	V
	3497	-61.48	-13	-48.48	-77.42	-65.95	5.98	12.60	V
4197	-61.09	-13	-48.09	-79.04	-64.52	7.10	12.68	V	
Middle	1406	-52.08	-13	-39.08	-61.53	-55.33	4.00	9.40	H
	2109	-60.09	-13	-47.09	-72.82	-63.66	4.88	10.60	H
	2812	-63.18	-13	-50.18	-77.09	-68.11	5.52	12.60	H
	3515	-59.62	-13	-46.62	-75.67	-64.09	6.00	12.62	H
	4218	-60.06	-13	-47.06	-78.15	-63.47	7.14	12.70	H
	1406	-49.45	-13	-36.45	-58.86	-52.70	4.00	9.40	V
	2109	-56.46	-13	-43.46	-69.12	-60.03	4.88	10.60	V
	2812	-62.92	-13	-49.92	-77.44	-67.85	5.52	12.60	V
	3515	-61.34	-13	-48.34	-77.42	-65.81	6.00	12.62	V
4218	-60.66	-13	-47.66	-78.67	-64.07	7.14	12.70	V	
Highest	1413	-55.14	-13	-42.14	-64.59	-58.31	4.10	9.42	H
	2119.5	-60.42	-13	-47.42	-73.40	-64.00	4.90	10.63	H
	2826	-62.70	-13	-49.70	-76.62	-67.62	5.55	12.62	H
	3532.5	-59.56	-13	-46.56	-75.75	-64.04	6.02	12.65	H
	4239	-61.83	-13	-48.83	-80.03	-65.25	7.15	12.72	H
	1413	-52.60	-13	-39.60	-62.01	-55.77	4.10	9.42	V
	2119.5	-58.22	-13	-45.22	-71.11	-61.80	4.90	10.63	V
	2826	-62.89	-13	-49.89	-77.42	-67.81	5.55	12.62	V
	3532.5	-61.24	-13	-48.24	-77.47	-65.72	6.02	12.65	V
4239	-62.47	-13	-49.47	-80.62	-65.89	7.15	12.72	V	

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



LTE Band 13 / 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	1554.5	-59.24	-13	-46.24	-68.68	-62.47	3.98	9.36	H
	2331.75	-64.28	-13	-51.28	-78.05	-67.83	4.85	10.55	H
	3109	-63.25	-13	-50.25	-79.00	-68.18	5.50	12.58	H
	1554.5	-55.62	-13	-42.62	-64.56	-58.85	3.98	9.36	V
	2331.75	-64.36	-13	-51.36	-78.15	-67.91	4.85	10.55	V
	3109	-63.51	-13	-50.51	-79.11	-68.44	5.50	12.58	V
Middle	1559.5	-61.86	-40	-21.86	-71.30	-65.11	4.00	9.40	H
	2339.25	-64.38	-13	-51.38	-78.10	-67.95	4.88	10.60	H
	3119	-63.50	-13	-50.50	-79.26	-68.43	5.52	12.60	H
	1559.5	-57.59	-40	-17.59	-66.53	-60.84	4.00	9.40	V
	2339.25	-64.50	-13	-51.50	-78.27	-68.07	4.88	10.60	V
	3119	-63.61	-13	-50.61	-79.30	-68.54	5.52	12.60	V
Highest	1564.5	-65.14	-40	-25.14	-74.58	-68.31	4.10	9.42	H
	2346.75	-64.65	-13	-51.65	-78.37	-68.23	4.90	10.63	H
	3129	-63.50	-13	-50.50	-79.26	-68.42	5.55	12.62	H
	1564.5	-56.81	-40	-16.81	-65.75	-59.98	4.10	9.42	V
	2346.75	-64.63	-13	-51.63	-78.40	-68.21	4.90	10.63	V
	3129	-63.63	-13	-50.63	-79.32	-68.55	5.55	12.62	V

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

LTE Band 13 / 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)
Middle	1559.5	-64.81	-40	-24.81	-74.25	-68.06	4.00	9.40	H
	2339.25	-64.98	-13	-51.98	-78.70	-68.55	4.88	10.60	H
	3119	-63.43	-13	-50.43	-79.19	-68.36	5.52	12.60	H
	1559.5	-63.51	-40	-23.51	-72.45	-66.76	4.00	9.40	V
	2339.25	-64.77	-13	-51.77	-78.54	-68.34	4.88	10.60	V
	3119	-63.39	-13	-50.39	-79.08	-68.32	5.52	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)	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	1408.68	-50.62	-13	-37.62	-60.07	-53.85	3.98	9.36	H
	2113.02	-54.41	-13	-41.41	-67.16	-57.96	4.85	10.55	H
	2817.36	-61.38	-13	-48.38	-75.29	-66.31	5.50	12.58	H
	3521.7	-61.62	-13	-48.62	-77.67	-66.09	5.98	12.60	H
	4226.04	-61.14	-13	-48.14	-79.28	-64.57	7.10	12.68	H
	1408.68	-48.82	-13	-35.82	-58.23	-52.05	3.98	9.36	V
	2113.02	-59.83	-13	-46.83	-72.51	-63.38	4.85	10.55	V
	2817.36	-59.96	-13	-46.96	-74.48	-64.89	5.50	12.58	V
	3521.7	-58.75	-13	-45.75	-74.83	-63.22	5.98	12.60	V
4226.04	-61.04	-13	-48.04	-79.12	-64.47	7.10	12.68	V	
Middle	1415.68	-54.59	-13	-41.59	-64.04	-57.84	4.00	9.40	H
	2123.58	-54.57	-13	-41.57	-67.55	-58.14	4.88	10.60	H
	2831.36	-63.27	-13	-50.27	-77.35	-68.20	5.52	12.60	H
	3539.22	-60.92	-13	-47.92	-77.10	-65.39	6.00	12.62	H
	4247.06	-62.48	-13	-49.48	-80.68	-65.89	7.14	12.70	H
	1415.68	-52.21	-13	-39.21	-61.62	-55.46	4.00	9.40	V
	2123.58	-60.46	-13	-47.46	-73.35	-64.03	4.88	10.60	V
	2831.36	-60.73	-13	-47.73	-75.31	-65.66	5.52	12.60	V
	3539.22	-59.22	-13	-46.22	-75.44	-63.69	6.00	12.62	V
4247.06	-62.66	-13	-49.66	-80.81	-66.07	7.14	12.70	V	
Highest	1422.68	-51.04	-13	-38.04	-60.53	-54.21	4.10	9.42	H
	2134.02	-54.58	-13	-41.58	-67.79	-58.16	4.90	10.63	H
	2845.36	-61.95	-13	-48.95	-76.18	-66.87	5.55	12.62	H
	3556.7	-59.20	-13	-46.20	-75.53	-63.68	6.02	12.65	H
	4268.04	-61.03	-13	-48.03	-79.27	-64.45	7.15	12.72	H
	1422.68	-49.99	-13	-36.99	-59.38	-53.16	4.10	9.42	V
	2134.02	-59.68	-13	-46.68	-72.78	-63.26	4.90	10.63	V
	2845.36	-59.11	-13	-46.11	-73.73	-64.03	5.55	12.62	V
	3556.7	-56.52	-13	-43.52	-72.88	-61.00	6.02	12.65	V
4268.04	-62.23	-13	-49.23	-80.44	-65.65	7.15	12.72	V	

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



LTE Band 17 / 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	1409.18	-51.38	-13	-38.38	-60.83	-54.61	3.98	9.36	H
	2113.77	-54.44	-13	-41.44	-67.42	-57.99	4.85	10.55	H
	2818.36	-61.99	-13	-48.99	-75.90	-66.92	5.50	12.58	H
	3522.95	-60.08	-13	-47.08	-76.13	-64.55	5.98	12.60	H
	4227.54	-61.03	-13	-48.03	-79.17	-64.46	7.10	12.68	H
	1409.18	-50.38	-13	-37.38	-59.79	-53.61	3.98	9.36	V
	2113.77	-58.92	-13	-45.92	-71.81	-62.47	4.85	10.55	V
	2818.36	-59.73	-13	-46.73	-74.25	-64.66	5.50	12.58	V
	3522.95	-59.19	-13	-46.19	-75.27	-63.66	5.98	12.60	V
4227.54	-61.64	-13	-48.64	-79.72	-65.07	7.10	12.68	V	
Middle	1411.18	-51.63	-13	-38.63	-61.08	-54.88	4.00	9.40	H
	2116.77	-54.17	-13	-41.17	-67.15	-57.74	4.88	10.60	H
	2822.36	-62.23	-13	-49.23	-76.14	-67.16	5.52	12.60	H
	3527.95	-61.21	-13	-48.21	-77.40	-65.68	6.00	12.62	H
	4233.54	-61.37	-13	-48.37	-79.51	-64.78	7.14	12.70	H
	1411.18	-50.35	-13	-37.35	-59.76	-53.60	4.00	9.40	V
	2116.77	-60.01	-13	-47.01	-72.90	-63.58	4.88	10.60	V
	2822.36	-59.70	-13	-46.70	-74.22	-64.63	5.52	12.60	V
	3527.95	-59.09	-13	-46.09	-75.32	-63.56	6.00	12.62	V
4233.54	-62.02	-13	-49.02	-80.10	-65.43	7.14	12.70	V	
Highest	1413.18	-53.68	-13	-40.68	-63.13	-56.85	4.10	9.42	H
	2119.77	-55.49	-13	-42.49	-68.47	-59.07	4.90	10.63	H
	2826.36	-62.86	-13	-49.86	-76.78	-67.78	5.55	12.62	H
	3532.95	-61.57	-13	-48.57	-77.76	-66.05	6.02	12.65	H
	4239.54	-61.40	-13	-48.40	-79.60	-64.82	7.15	12.72	H
	1413.18	-51.90	-13	-38.90	-61.31	-55.07	4.10	9.42	V
	2119.77	-60.52	-13	-47.52	-73.41	-64.10	4.90	10.63	V
	2826.36	-60.36	-13	-47.36	-74.89	-65.28	5.55	12.62	V
	3532.95	-59.06	-13	-46.06	-75.29	-63.54	6.02	12.65	V
4239.54	-62.18	-13	-49.18	-80.33	-65.60	7.15	12.72	V	

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