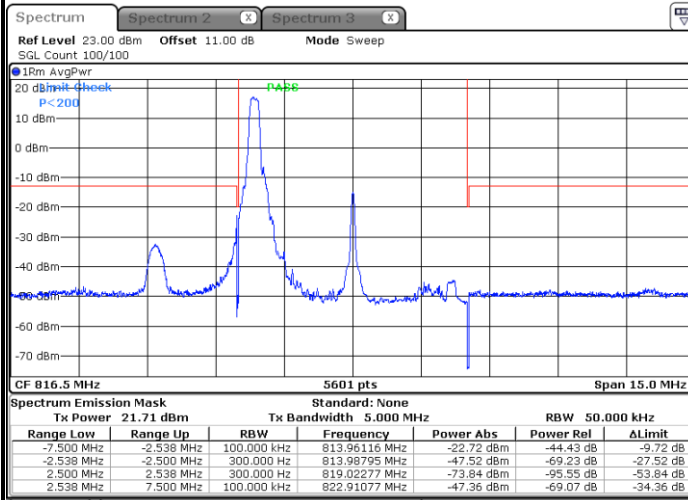


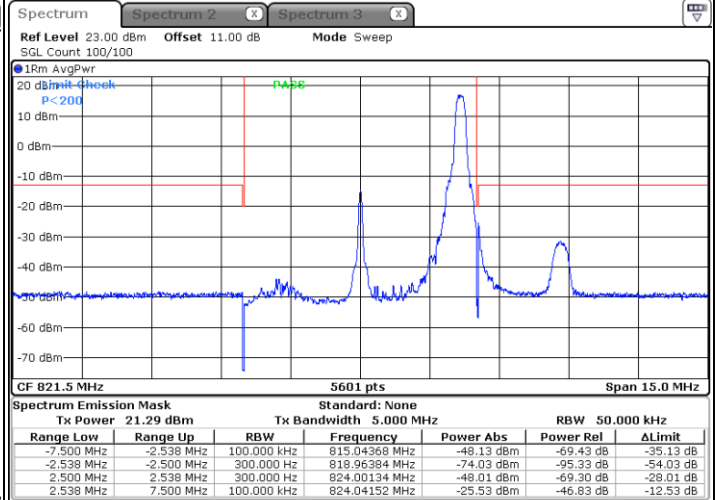


LTE Band 26 / 5MHz / 16QAM

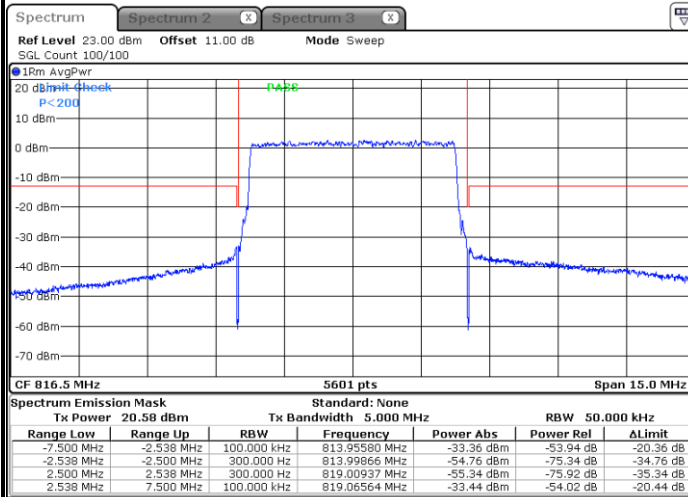
Lowest Band Edge / 1RB



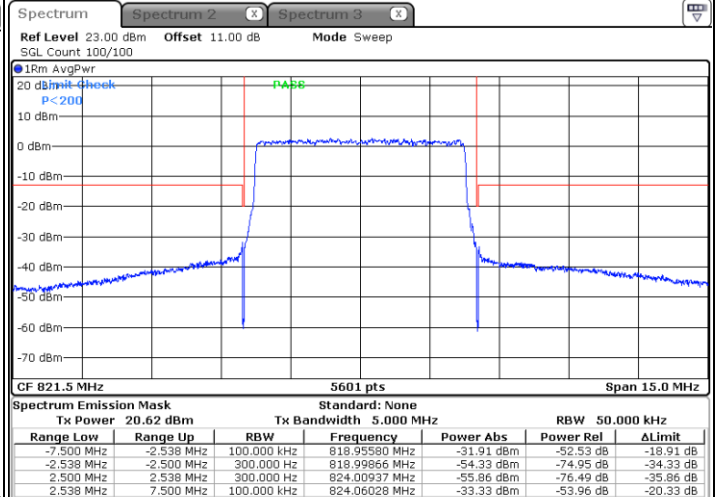
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



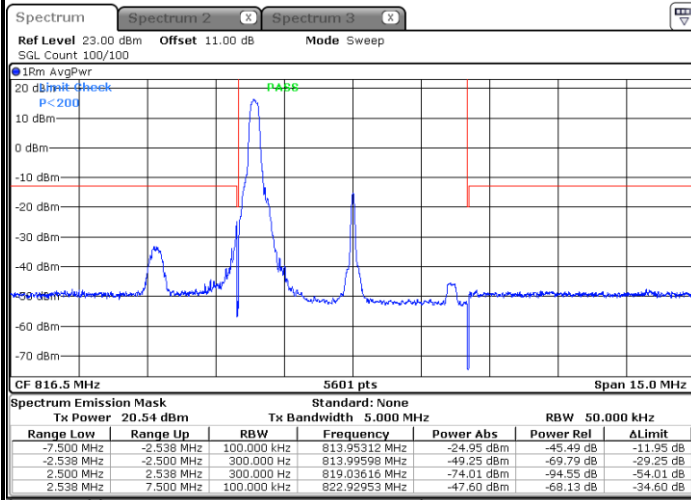
Highest Band Edge / Full RB



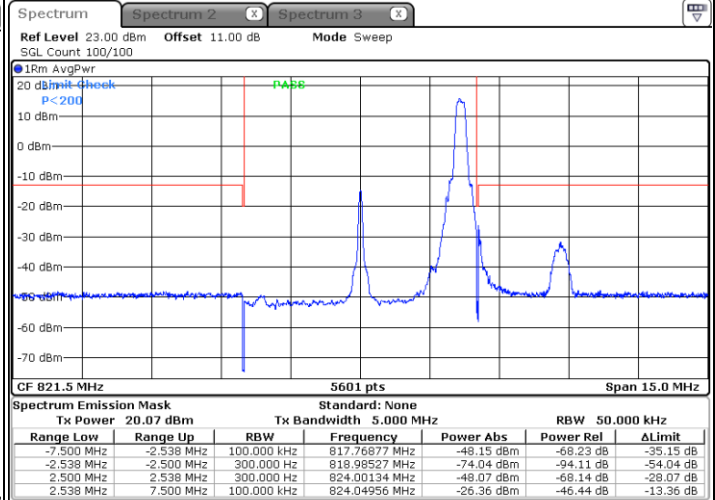


LTE Band 26 / 5MHz / 64QAM

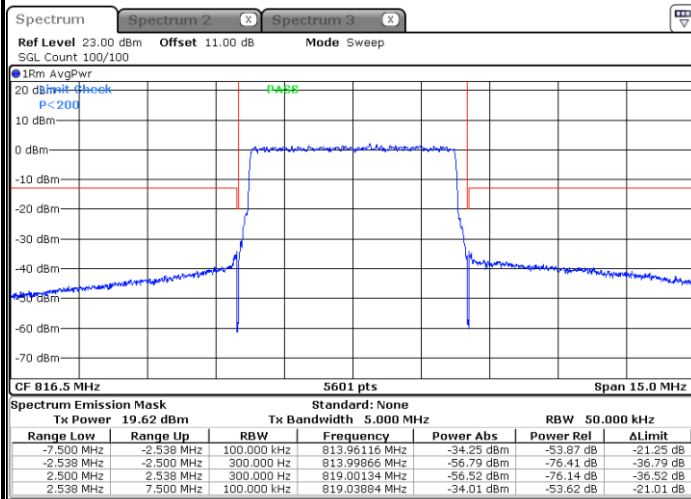
Lowest Band Edge / 1RB



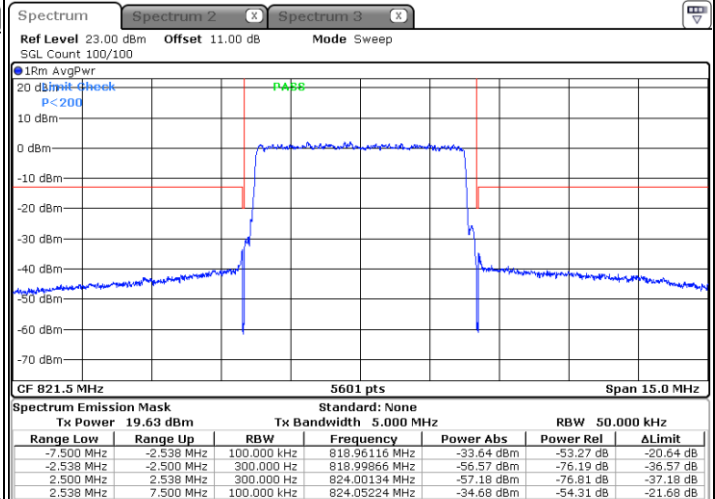
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



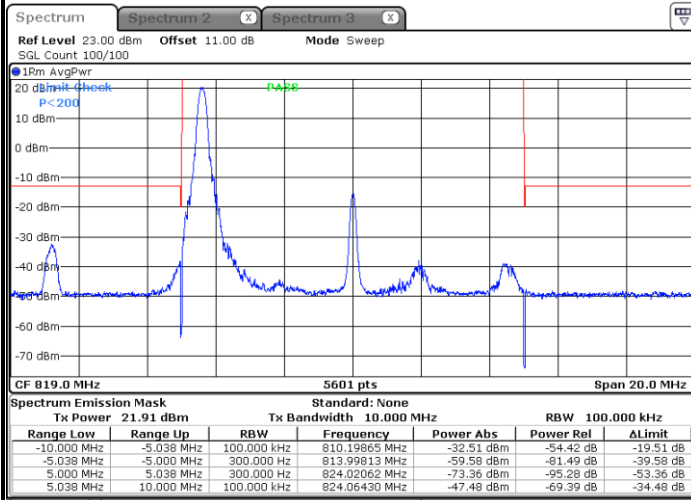
Highest Band Edge / Full RB



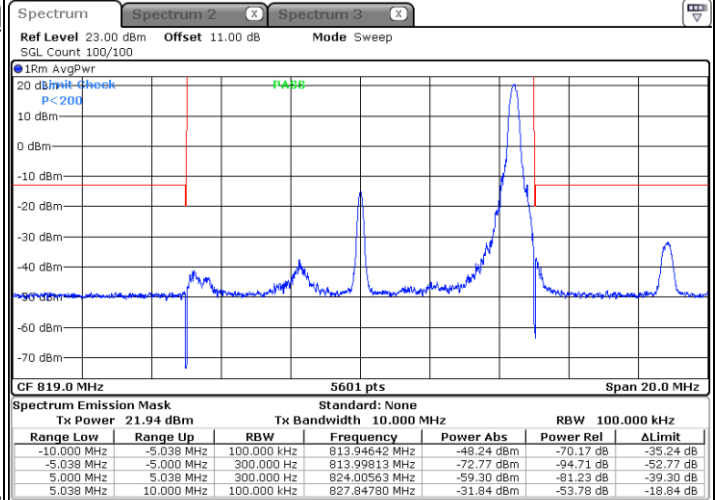


LTE Band 26 / 10MHz / QPSK

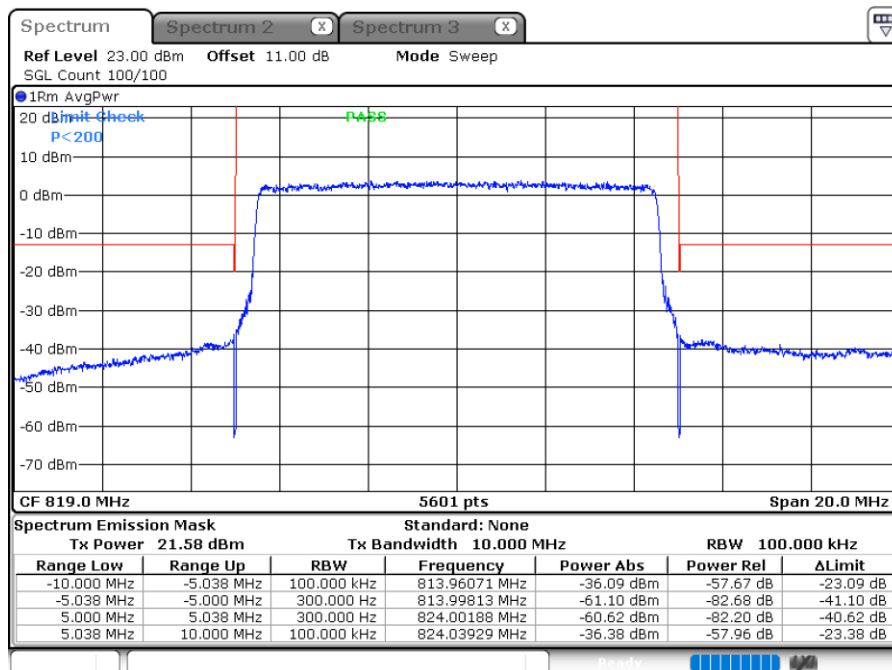
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



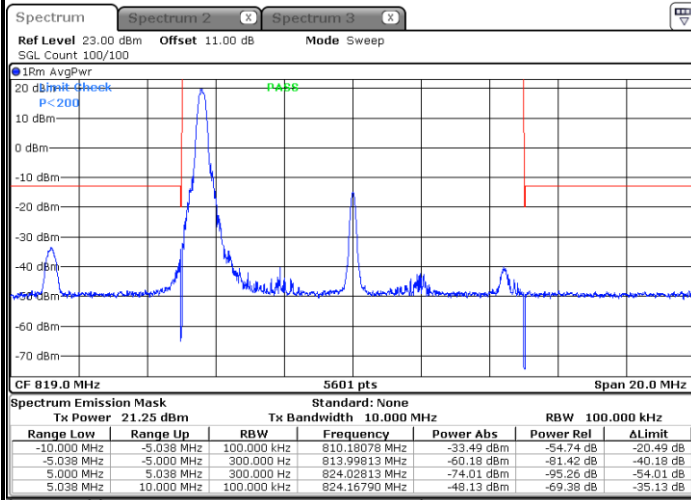
Band Edge / Full RB



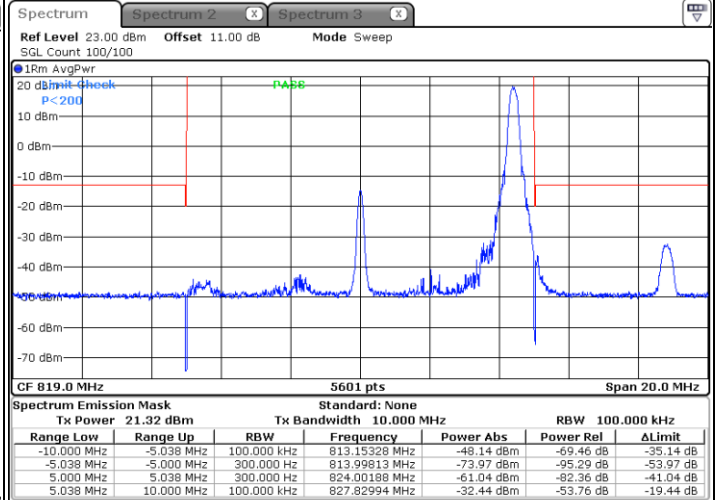


LTE Band 26 / 10MHz / 16QAM

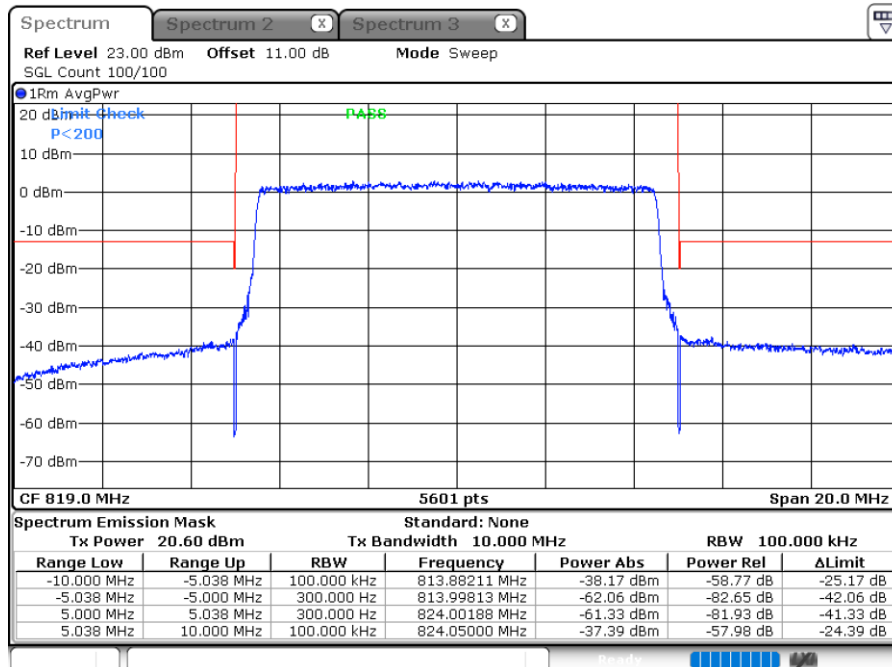
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



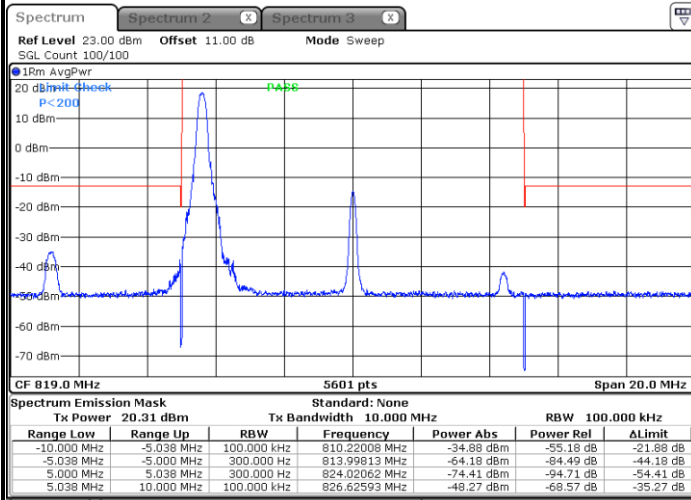
Band Edge / Full RB



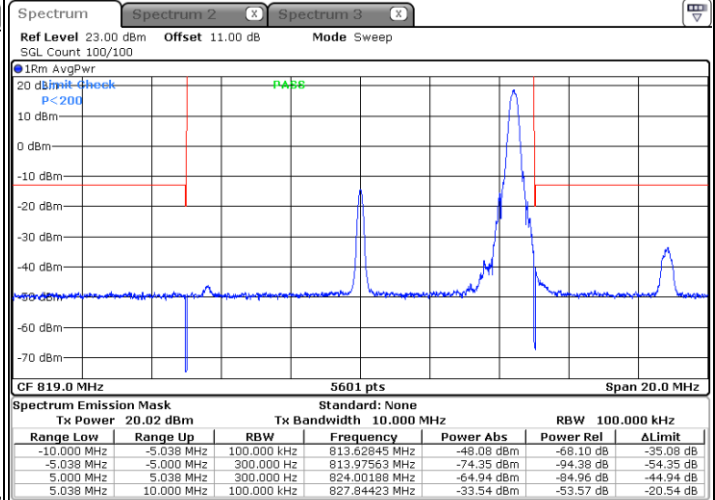


LTE Band 26 / 10MHz / 64QAM

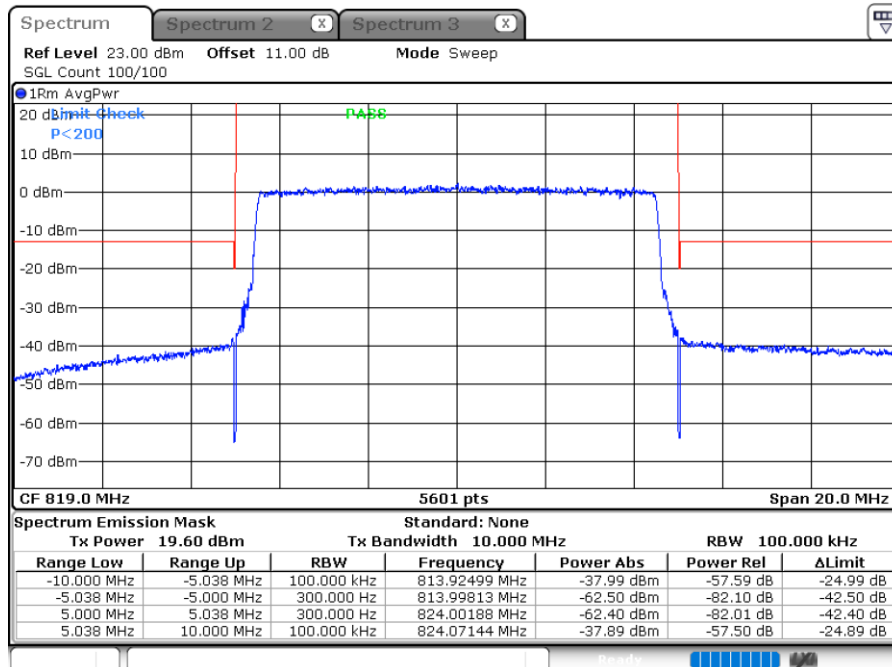
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



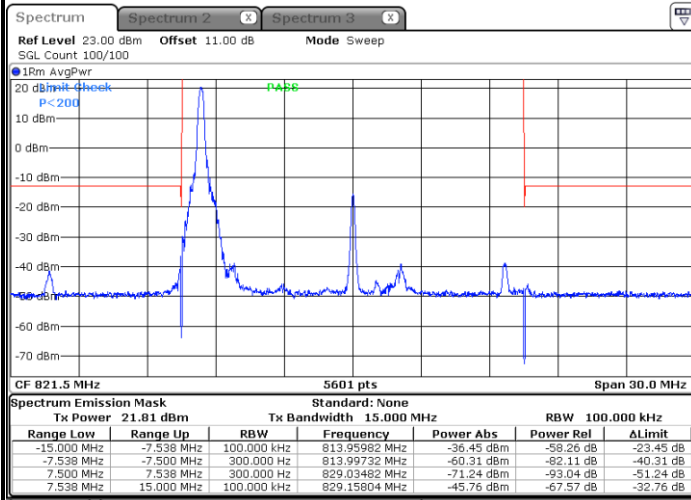
Band Edge / Full RB



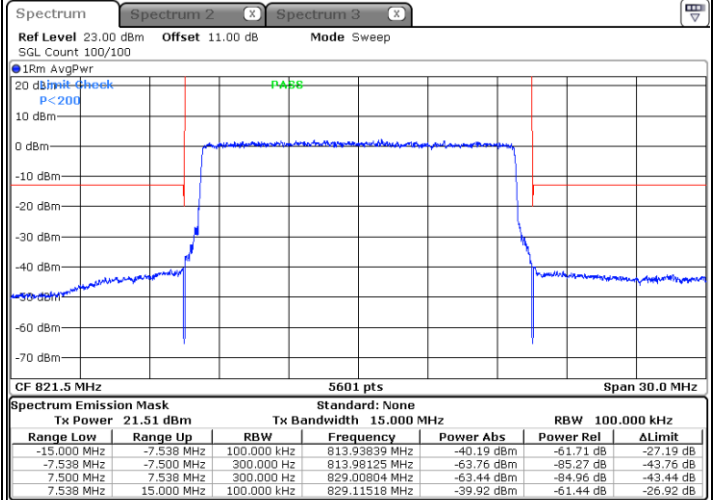


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

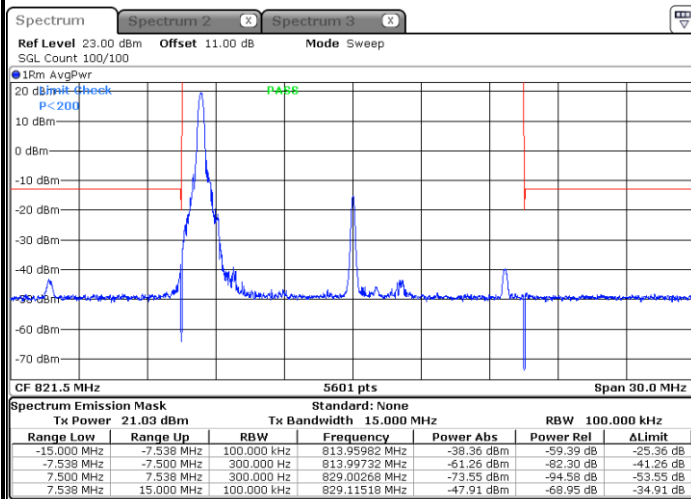


Lowest Band Edge / Full RB

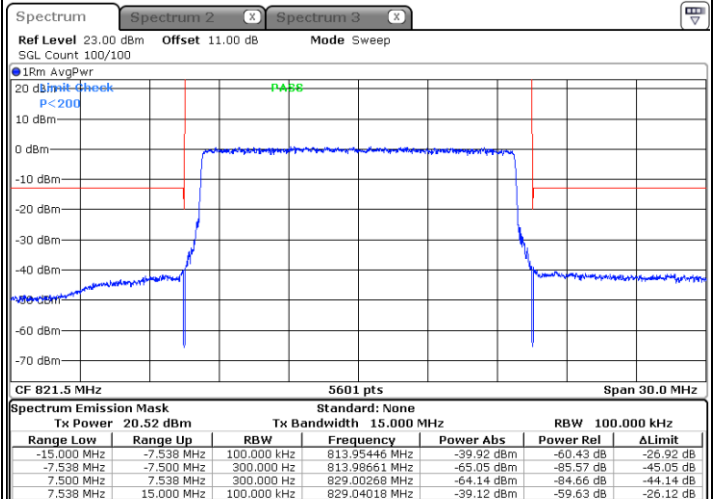


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



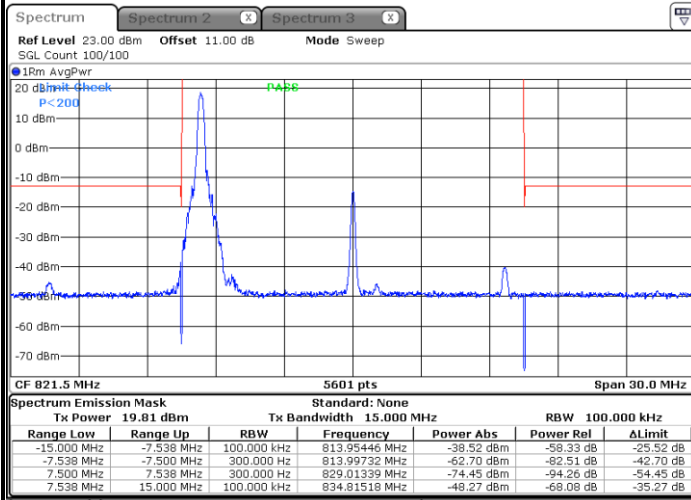
Lowest Band Edge / Full RB





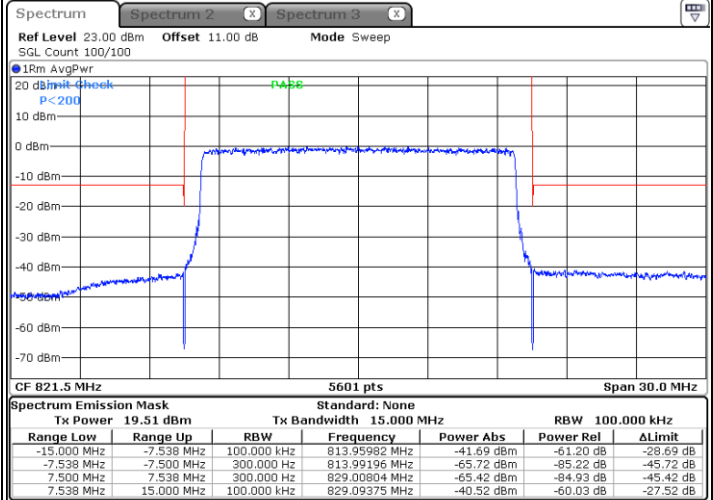
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

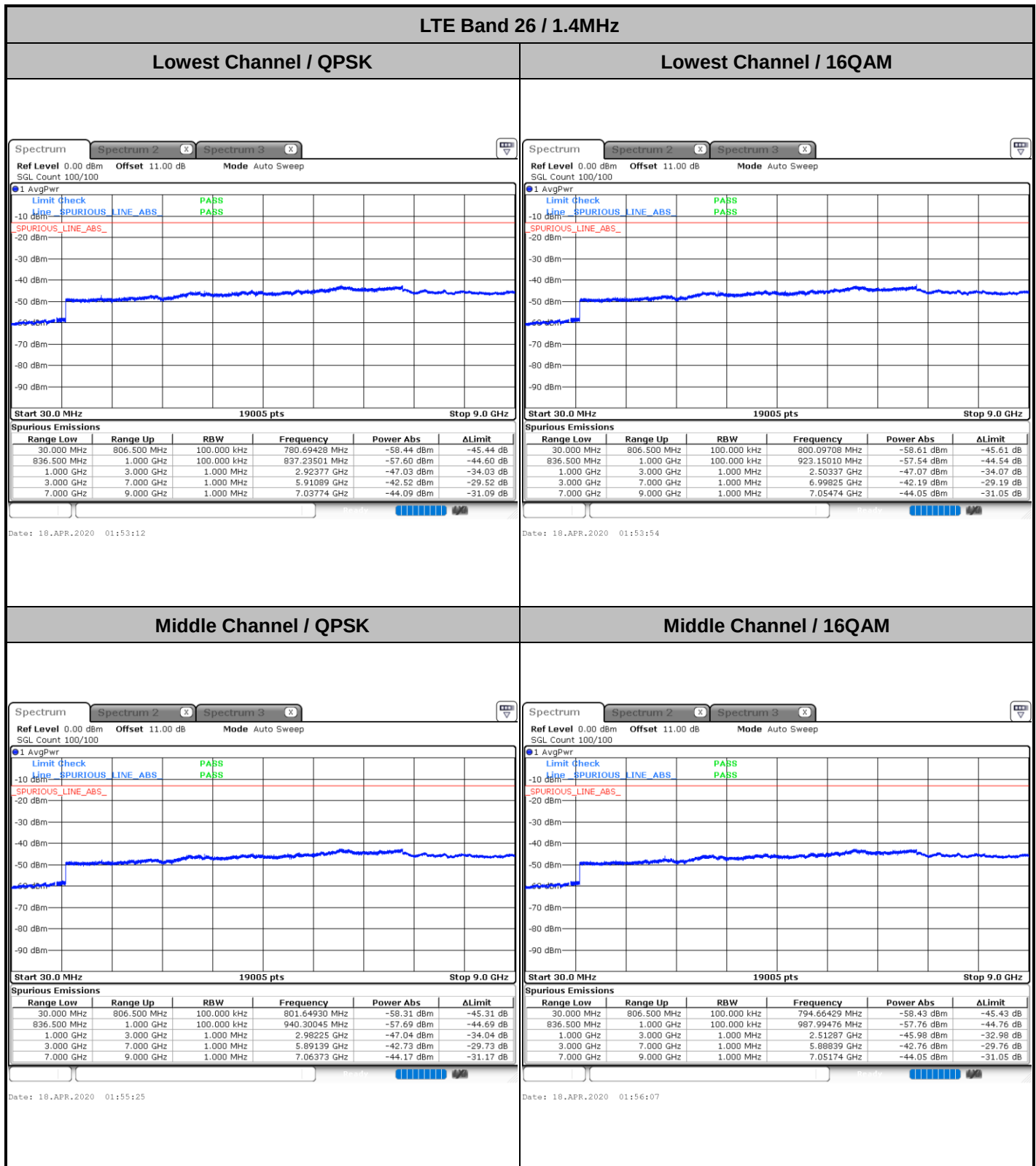


Date: 18.APR.2020 02:30:30

Lowest Band Edge / Full RB



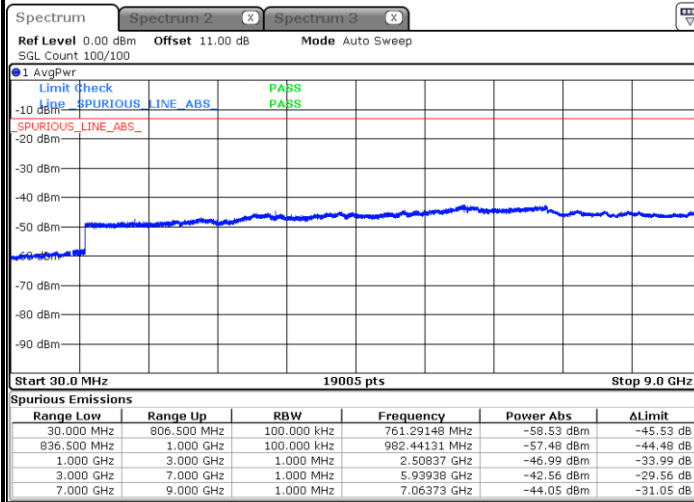
Date: 18.APR.2020 02:31:30

**Emission masks – Out of band emissions**



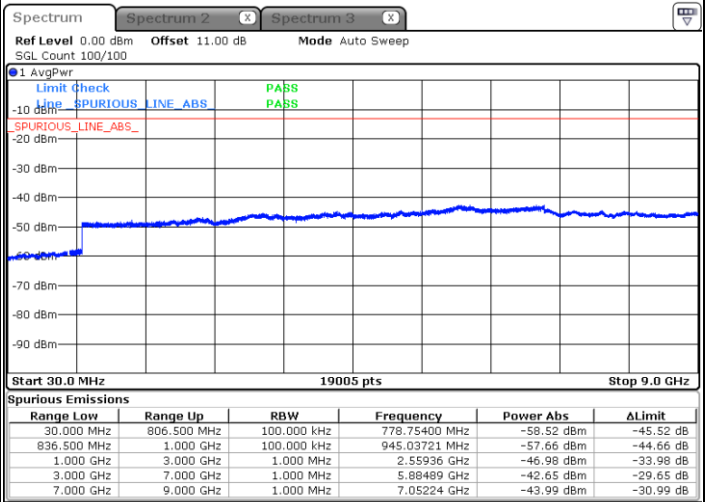
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 18.APR.2020 01:57:38

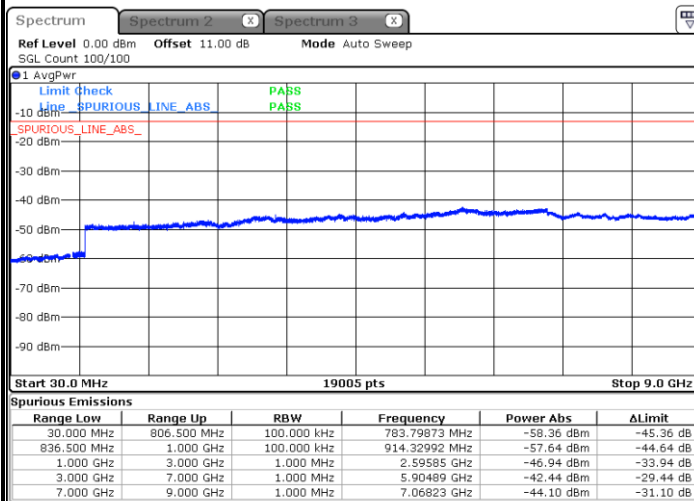
Highest Channel / 16QAM



Date: 18.APR.2020 01:58:20

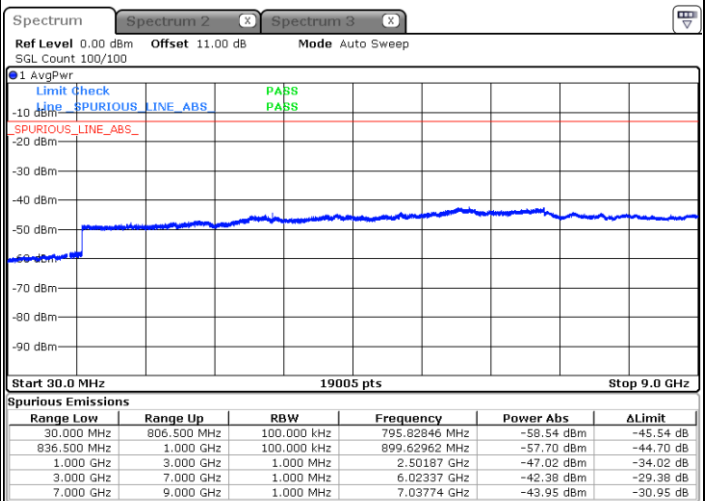
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 18.APR.2020 02:43:22

Lowest Channel / 16QAM

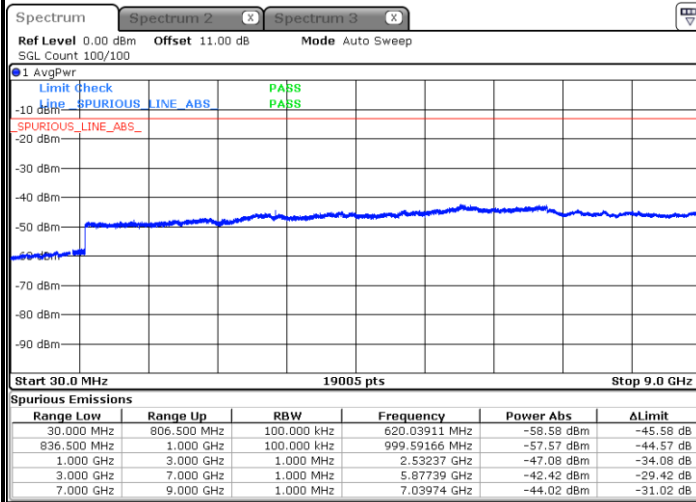


Date: 18.APR.2020 02:44:04



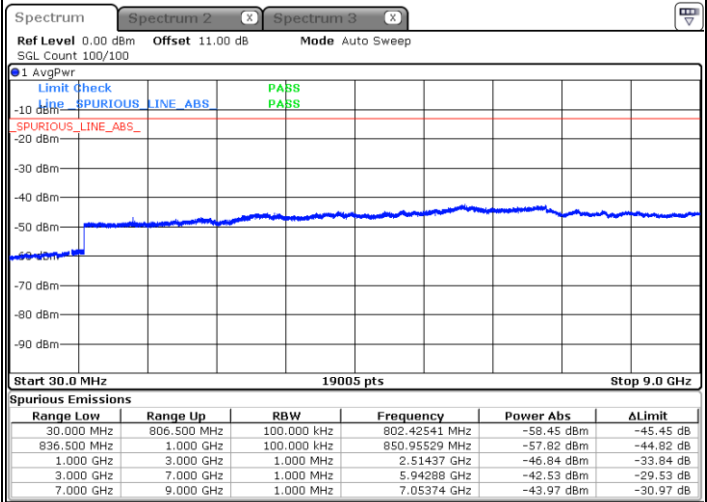
LTE Band 26 / 3MHz

Middle Channel / QPSK



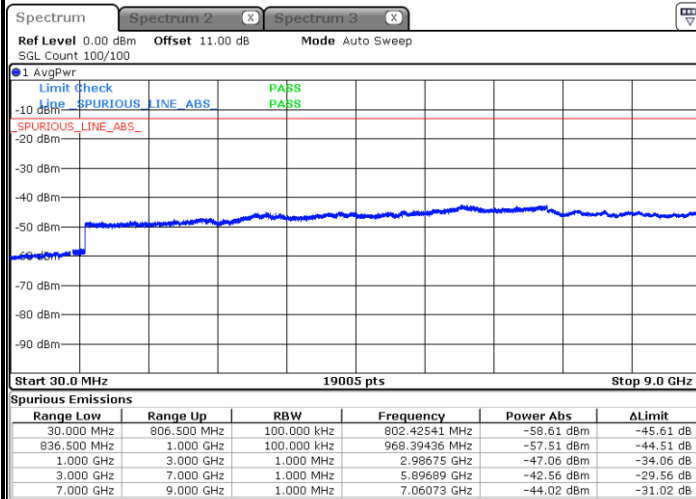
Date: 18.APR.2020 02:45:34

Middle Channel / 16QAM



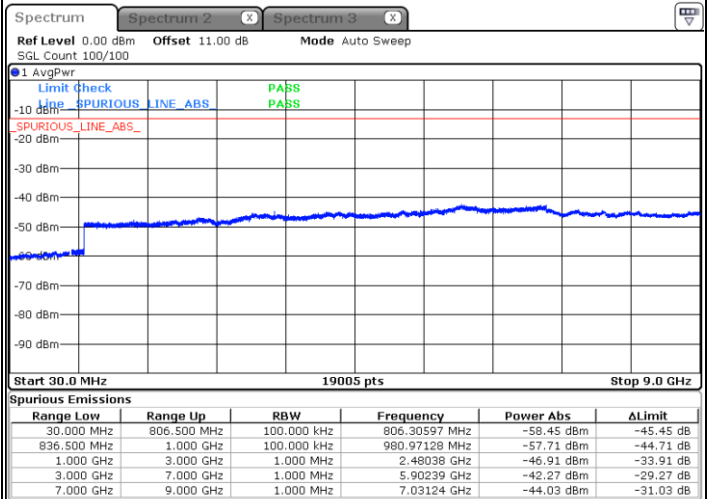
Date: 18.APR.2020 02:46:16

Highest Channel / QPSK



Date: 18.APR.2020 02:47:46

Highest Channel / 16QAM

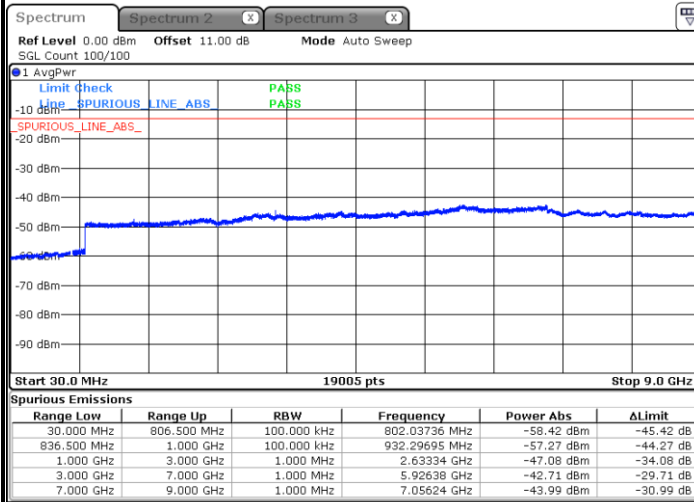


Date: 18.APR.2020 02:48:28



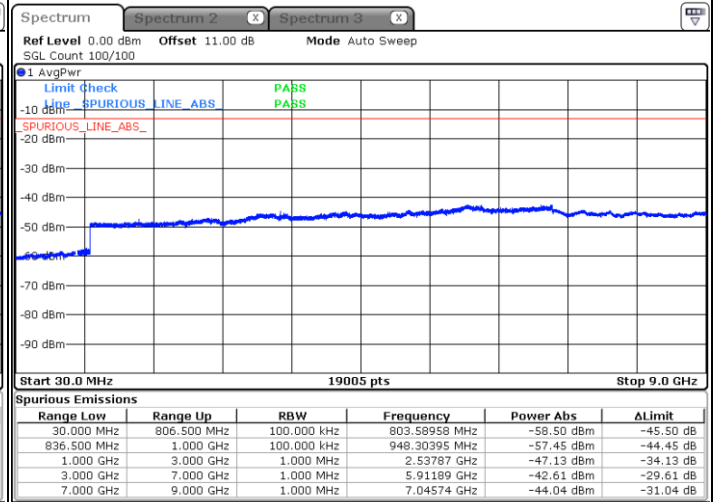
LTE Band 26 / 5MHz

Lowest Channel / QPSK



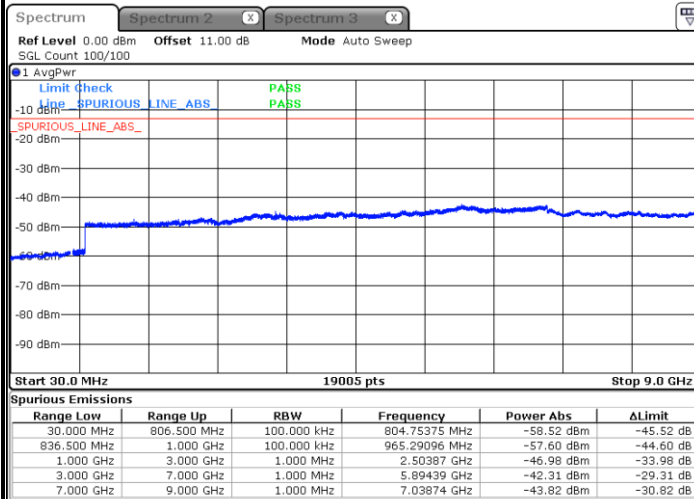
Date: 18.APR.2020 02:50:01

Lowest Channel / 16QAM



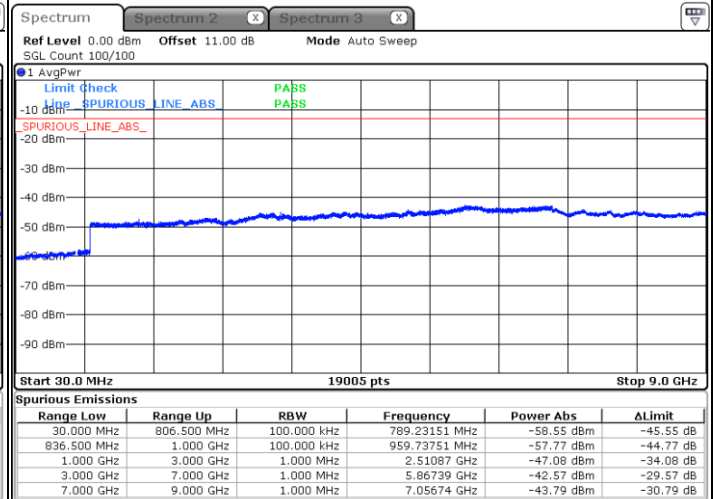
Date: 18.APR.2020 02:50:43

Middle Channel / QPSK



Date: 18.APR.2020 02:52:13

Middle Channel / 16QAM

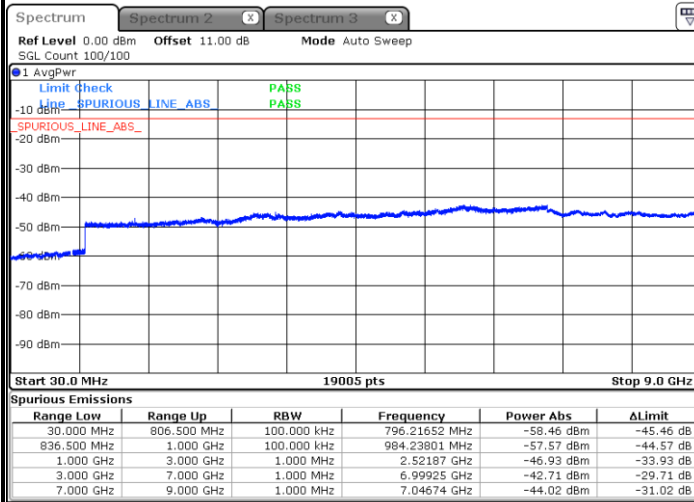


Date: 18.APR.2020 02:52:55



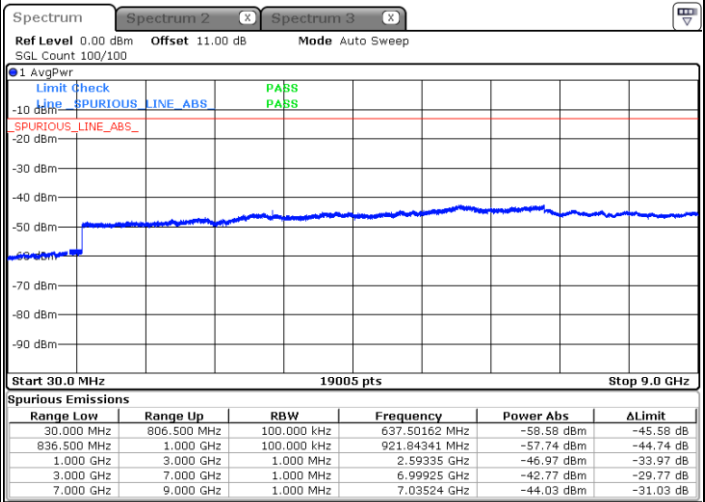
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 18.APR.2020 02:54:26

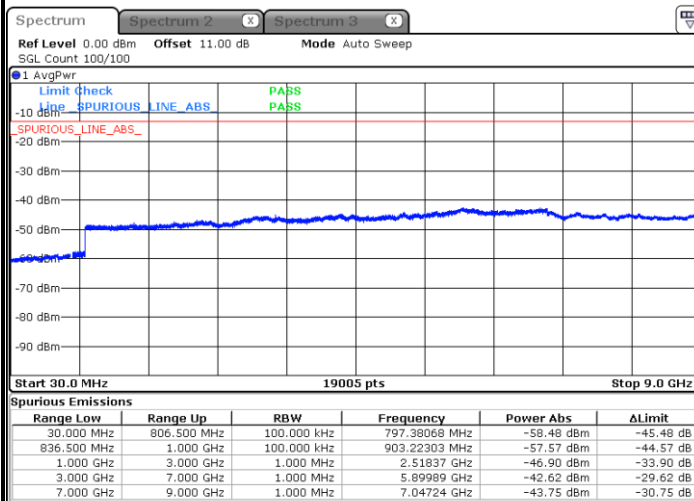
Highest Channel / 16QAM



Date: 18.APR.2020 02:55:08

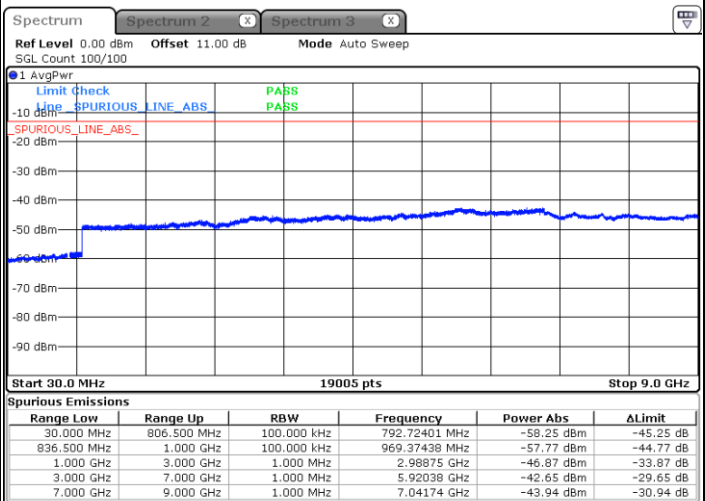
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 18.APR.2020 02:56:40

Middle Channel / 16QAM

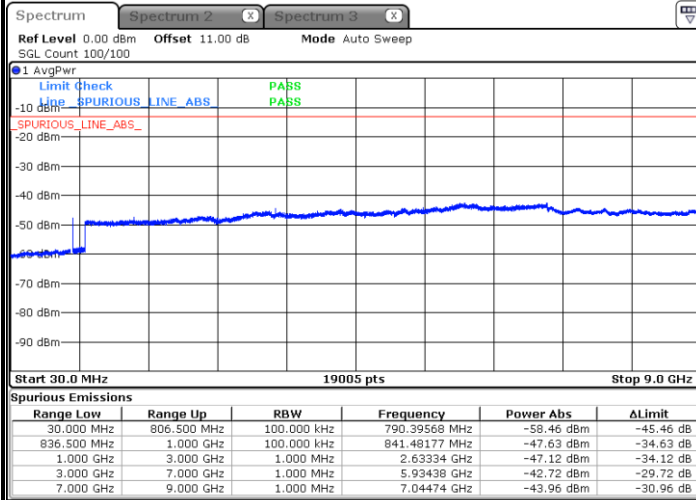


Date: 18.APR.2020 02:57:22



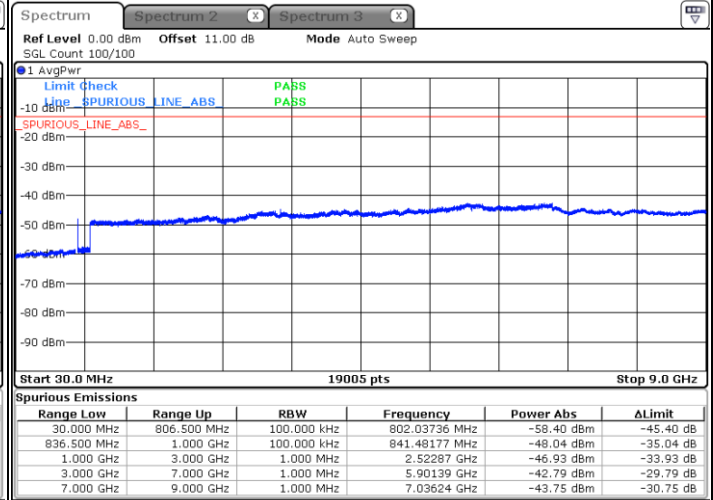
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 18.APR.2020 02:58:54

Lowest Channel / 16QAM

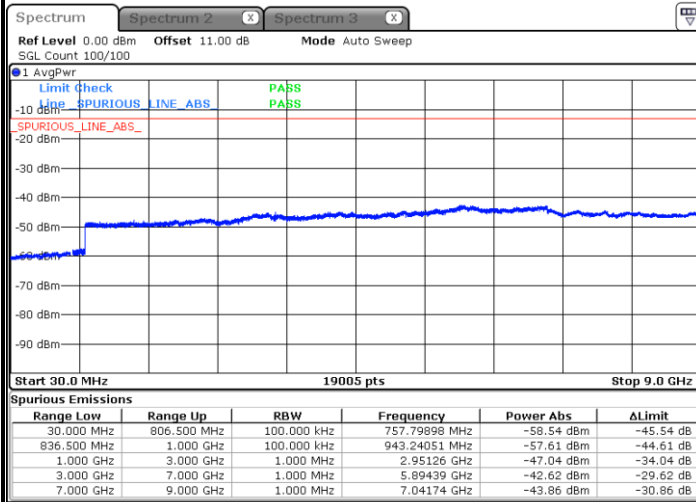


Date: 18.APR.2020 02:59:36



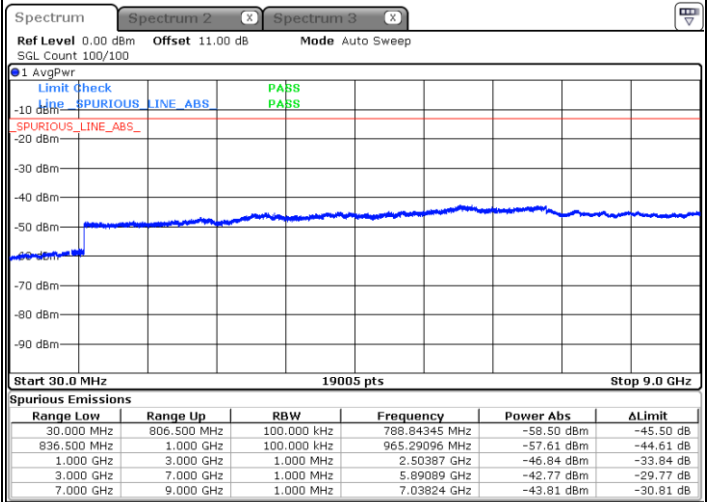
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



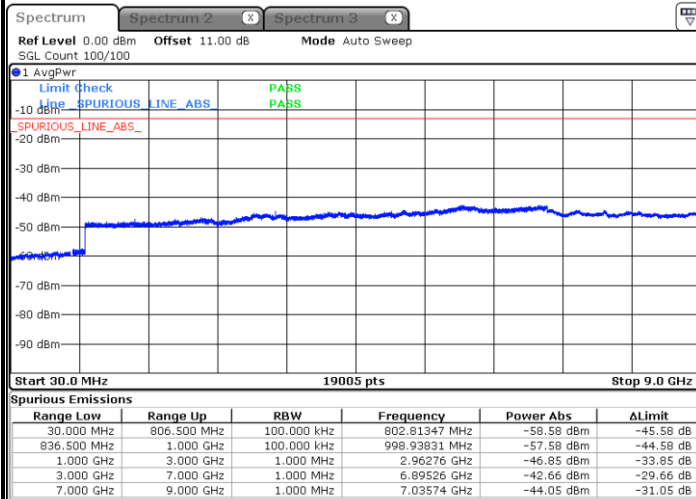
Date: 18.APR.2020 01:49:29

Middle Channel / 64QAM



Date: 18.APR.2020 01:50:35

Highest Channel / 64QAM

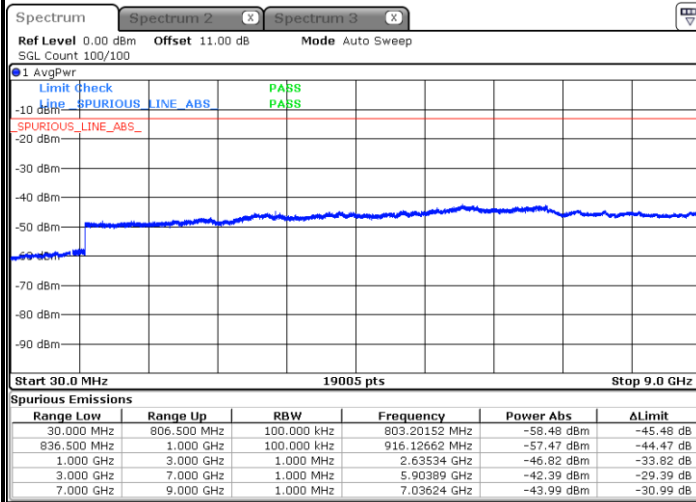


Date: 18.APR.2020 01:51:42



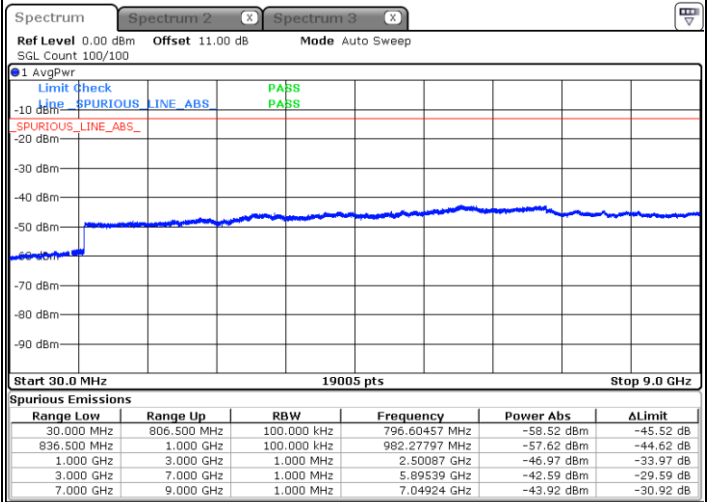
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



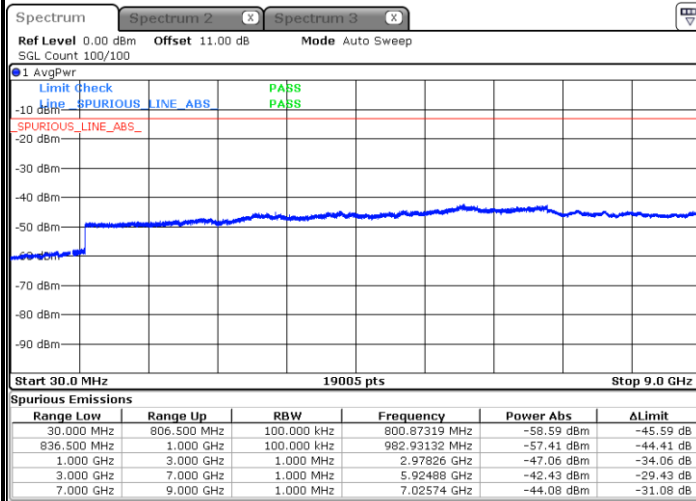
Date: 18.APR.2020 02:32:38

Middle Channel / 64QAM



Date: 18.APR.2020 02:33:44

Highest Channel / 64QAM

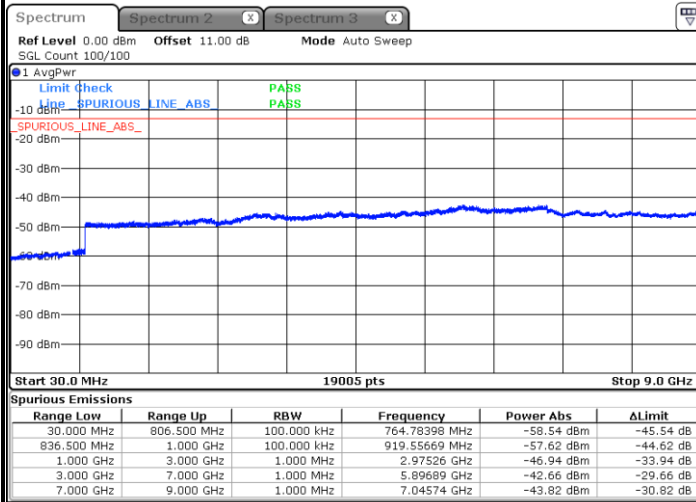


Date: 18.APR.2020 02:34:50



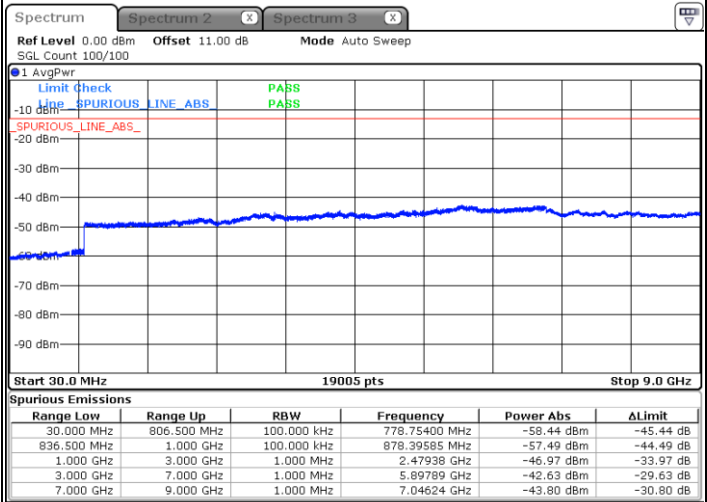
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



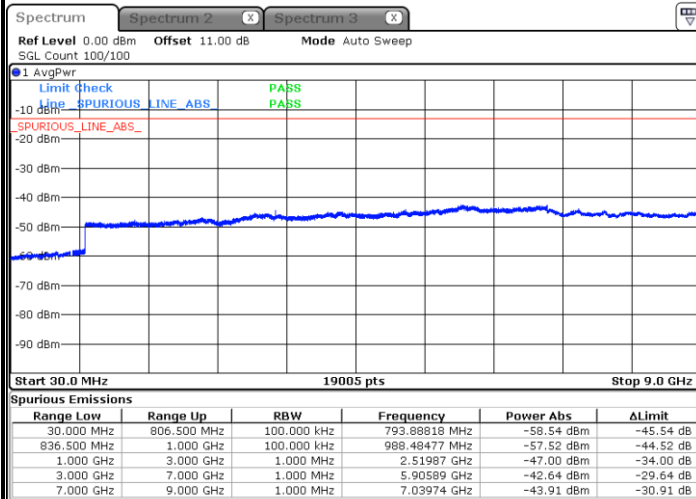
Date: 18.APR.2020 02:35:58

Middle Channel / 64QAM

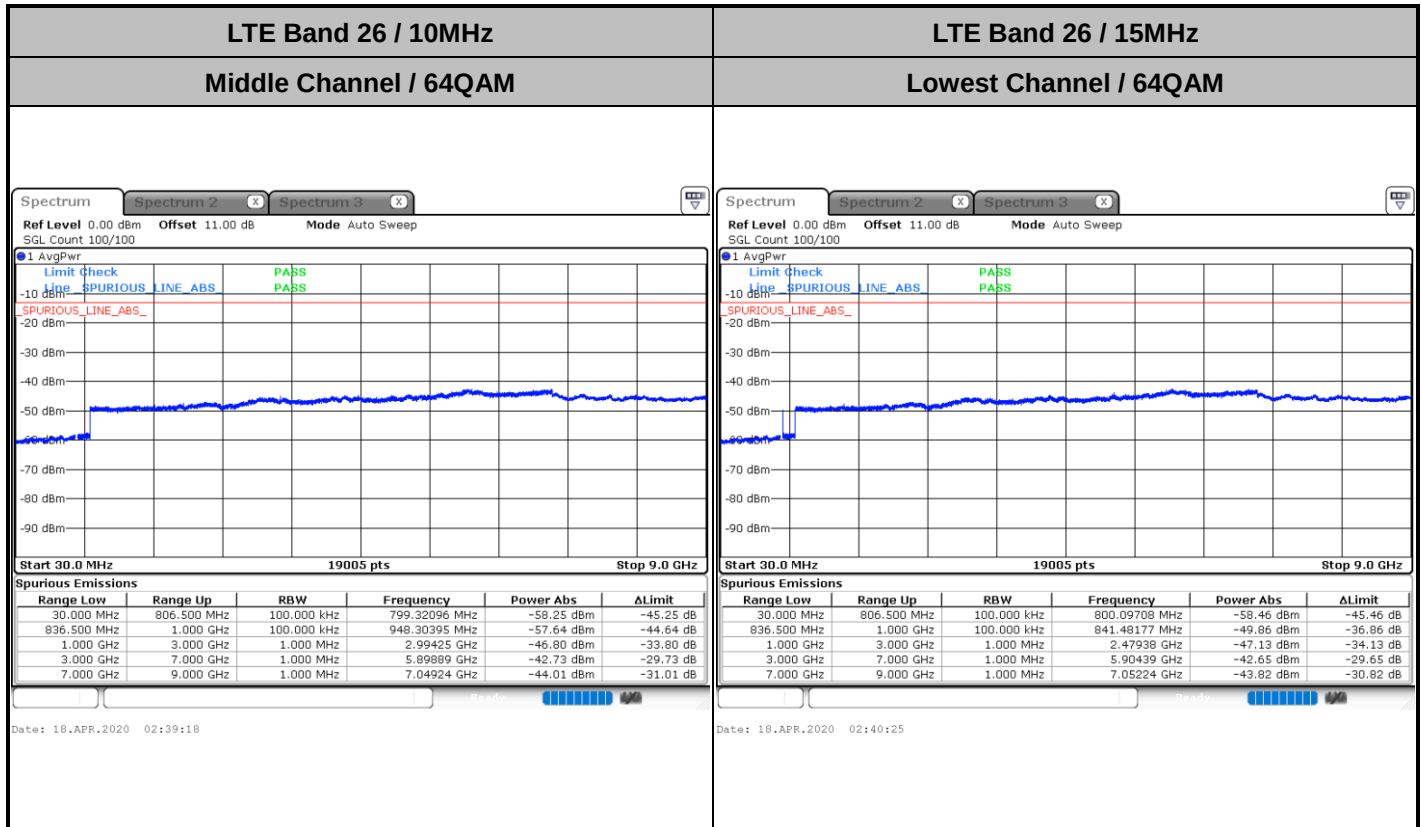


Date: 18.APR.2020 02:37:04

Highest Channel / 64QAM



Date: 18.APR.2020 02:38:10



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0079	PASS
40	Normal Voltage	0.0128	
30	Normal Voltage	0.0067	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0066	
0	Normal Voltage	0.0195	
-10	Normal Voltage	0.0142	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0160	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0089	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.1 V. ; Maximum Voltage =3.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0075	
-10	Normal Voltage	0.0089	
-20	Normal Voltage	0.0090	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.1 V. ; Maximum Voltage =3.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = 4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.59	0.1816	24.44	0.2780
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	21.97	0.1574	23.82	0.2410
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	20.85	0.1216	22.70	0.1862
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-

**Radiated Spurious Emission****LTE Band 26**

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1628	-63.88	-13	-50.88	-75.62	-65.7	0.97	4.94	H
	2442	-59.10	-13	-46.10	-76.12	-60.9	1.27	5.23	H
	3256	-58.25	-13	-45.25	-77.13	-61.5	1.53	6.93	H
									H
									H
									H
	1628	-63.18	-13	-50.18	-75.49	-65	0.97	4.94	V
	2442	-59.30	-13	-46.30	-76.67	-61.1	1.27	5.23	V
	3256	-57.65	-13	-44.65	-77.17	-60.9	1.53	6.93	V
									V
									V
									V
Middle	1633	-63.69	-13	-50.69	-75.58	-65.5	0.97	4.93	H
	2450	-59.88	-13	-46.88	-76.85	-61.7	1.28	5.25	H
	3266	-58.61	-13	-45.61	-77.39	-61.9	1.53	6.97	H
									H
									H
									H
	1633	-63.39	-13	-50.39	-75.59	-65.2	0.97	4.93	V
	2450	-59.58	-13	-46.58	-76.93	-61.4	1.28	5.25	V
	3266	-57.51	-13	-44.51	-77.22	-60.8	1.53	6.97	V
									V
									V
									V



Highest	1638	-63.81	-13	-50.81	-75.7	-65.6	0.97	4.91	H
	2457	-59.96	-13	-46.96	-76.88	-61.8	1.28	5.27	H
	3276	-58.17	-13	-45.17	-77.28	-61.5	1.53	7.01	H
									H
									H
									H
									H
	1638	-63.51	-13	-50.51	-75.85	-65.3	0.97	4.91	V
	2457	-59.66	-13	-46.66	-76.9	-61.5	1.28	5.27	V
	3276	-57.87	-13	-44.87	-77.27	-61.2	1.53	7.01	V
									V
									V
									V
									V

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



LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1624	-63.78	-13	-50.78	-75.9	-65.62	0.97	4.95	H
	2440	-59.63	-13	-46.63	-76.8	-61.43	1.27	5.22	H
	3256	-57.78	-13	-44.78	-77.12	-61.03	1.53	6.93	H
	4072	-57.49	-13	-44.49	-77.9	-62.15	1.80	8.61	H
									H
									H
									H
	1624	-63.18	-13	-50.18	-75.68	-65.02	0.97	4.95	V
	2440	-59.02	-13	-46.02	-76.7	-60.82	1.27	5.22	V
	3256	-57.41	-13	-44.41	-77.14	-60.66	1.53	6.93	V
	4072	-57.38	-13	-44.38	-77.96	-62.04	1.80	8.61	V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1624	-62.18	-13	-49.18	-75.19	-64.02	0.97	4.95	H
	2440	-59.22	-13	-46.22	-76.39	-61.02	1.27	5.22	H
	3256	-58.62	-13	-45.62	-77.02	-61.87	1.53	6.93	H
	4072	-57.35	-13	-44.35	-77.77	-62.01	1.80	8.61	H
									H
									H
									H
	1624	-63.28	-13	-50.28	-75.82	-65.12	0.97	4.95	V
	2440	-59.32	-13	-46.32	-76.91	-61.12	1.27	5.22	V
	3256	-57.42	-13	-44.42	-77.11	-60.67	1.53	6.93	V
	4072	-55.87	-13	-42.87	-76.53	-60.53	1.80	8.61	V
									V
									V
									V
									V
									V

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