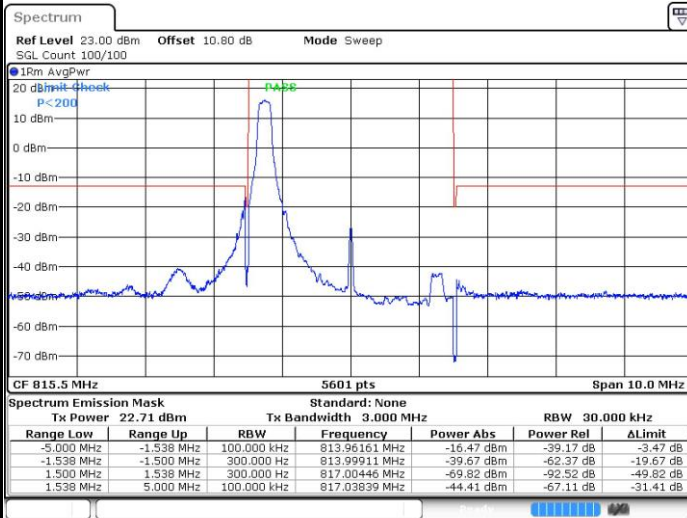




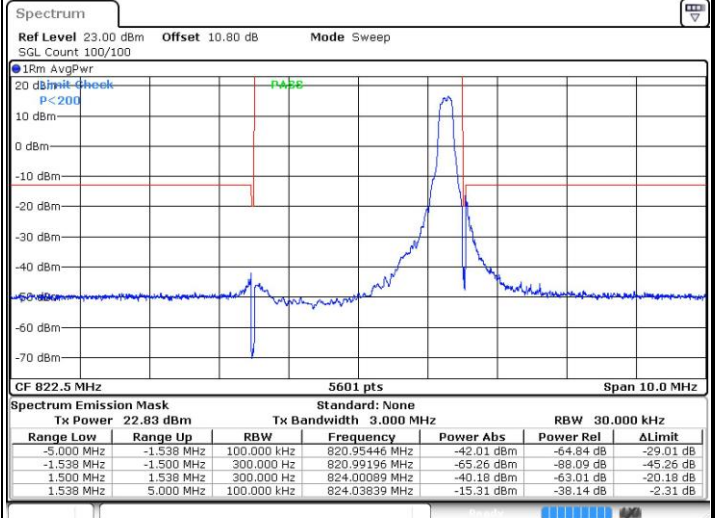
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



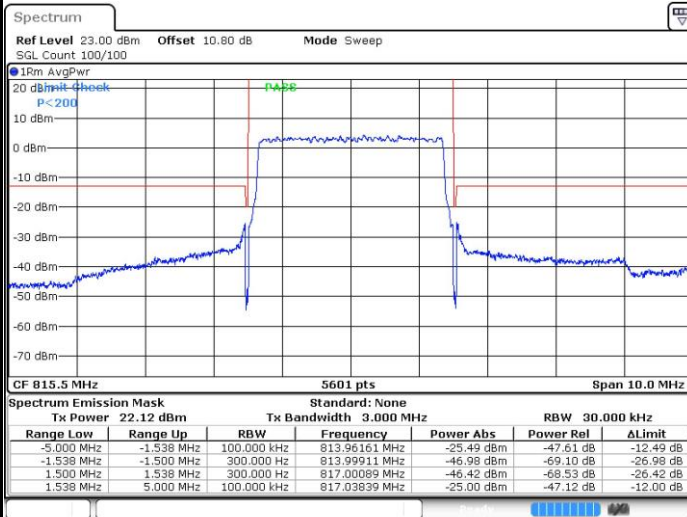
Date: 29 APR 2019 03:07:52

Highest Band Edge / 1 RB



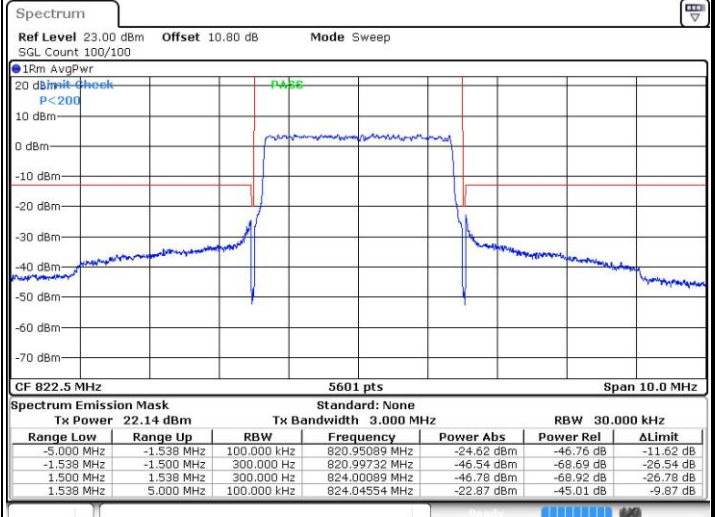
Date: 29 APR 2019 03:09:55

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:08:54

Highest Band Edge / Full RB

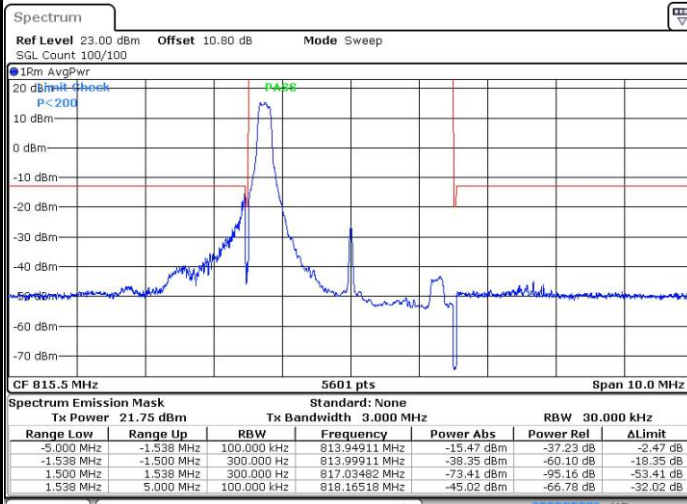


Date: 29 APR 2019 03:10:57



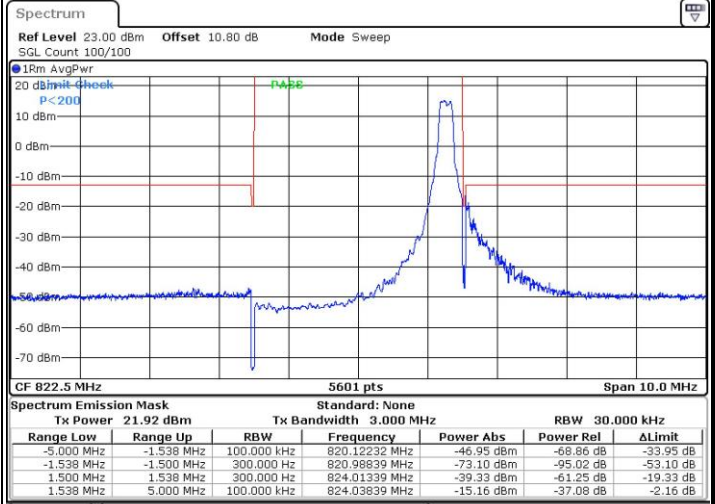
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



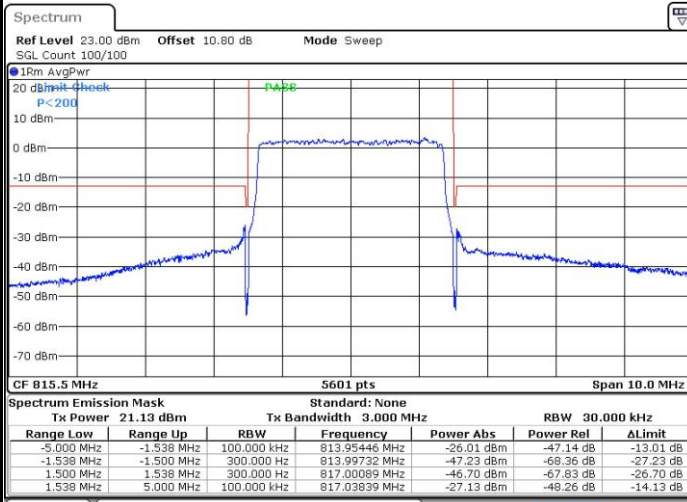
Date: 29 APR 2019 03:08:23

Highest Band Edge / 1 RB



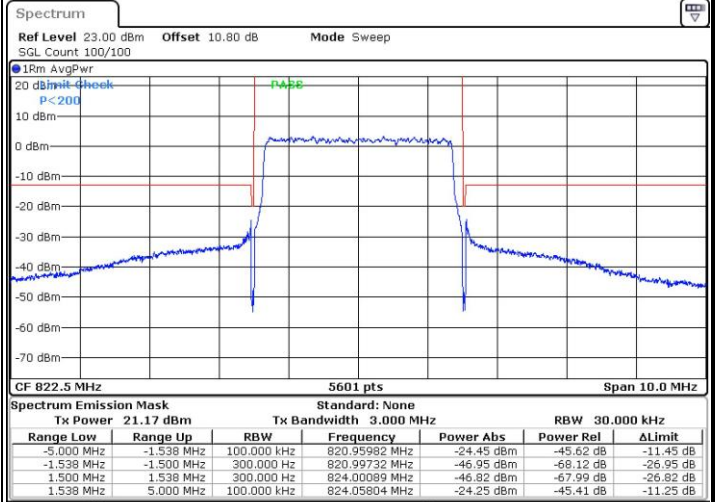
Date: 29 APR 2019 03:10:26

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:09:24

Highest Band Edge / Full RB

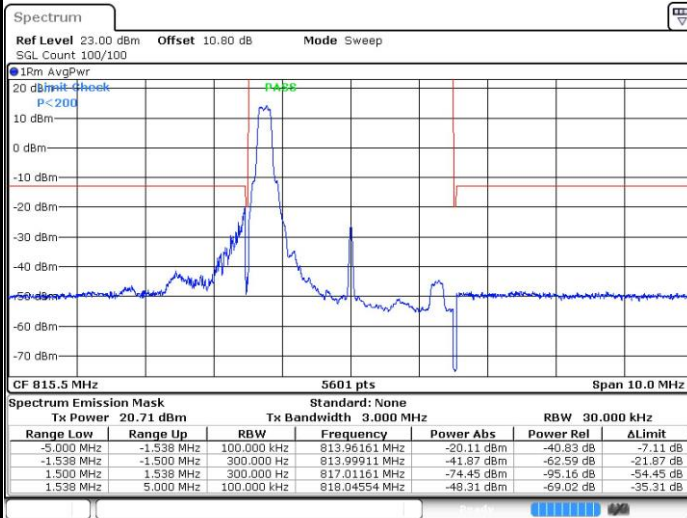


Date: 29 APR 2019 03:11:28



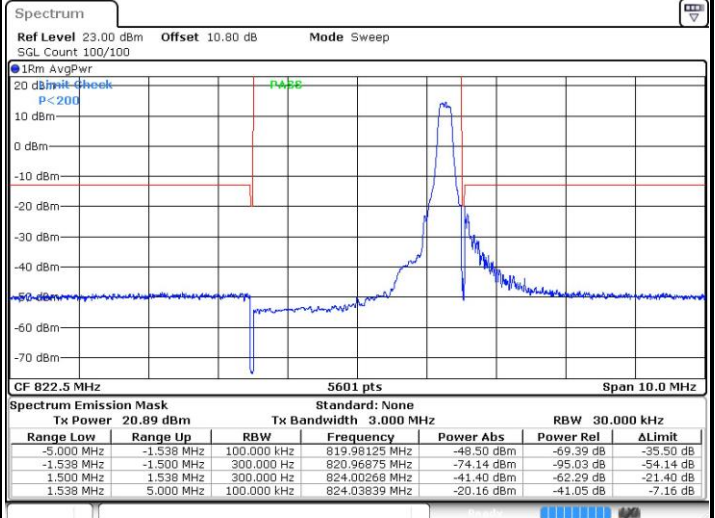
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



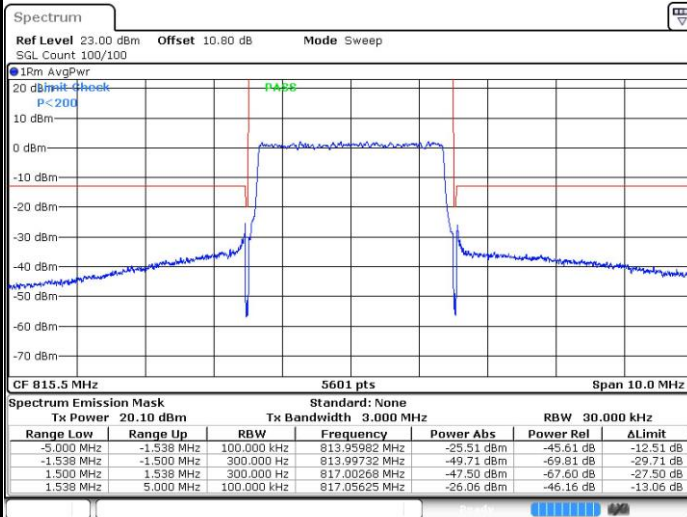
Date: 29 APR 2019 03:24:17

Highest Band Edge / 1 RB



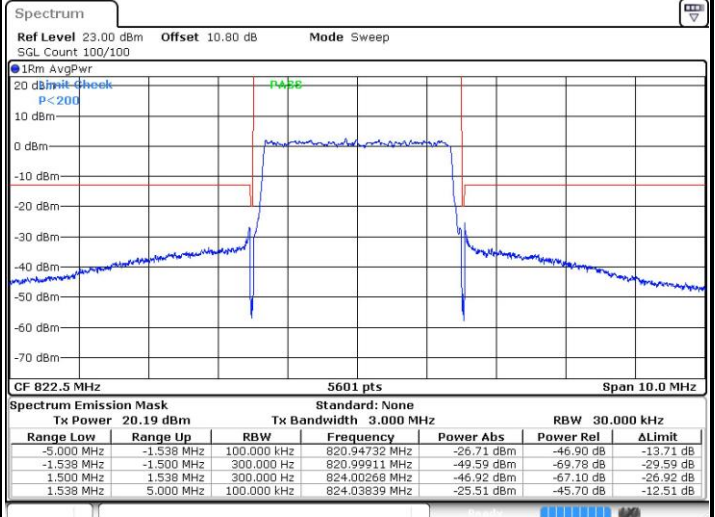
Date: 29 APR 2019 03:25:19

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:24:48

Highest Band Edge / Full RB

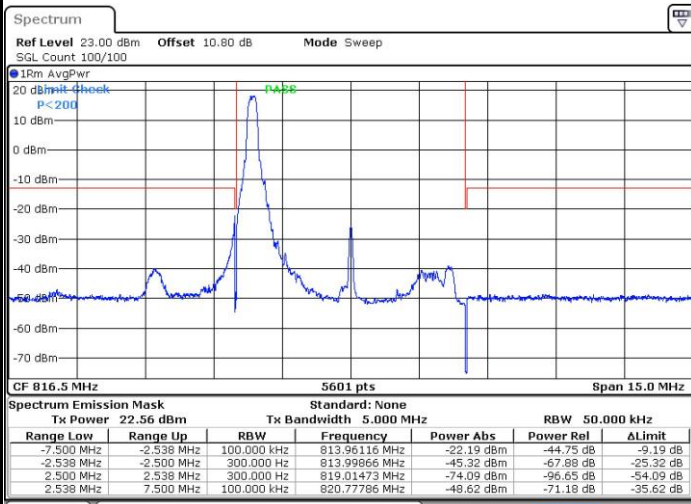


Date: 29 APR 2019 03:25:50



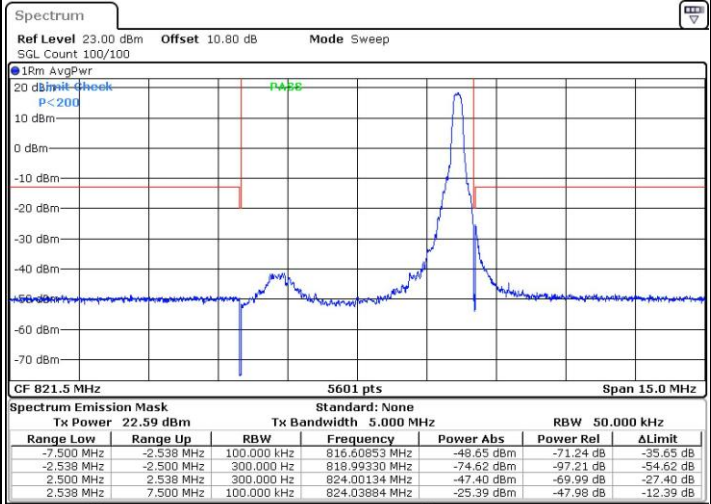
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



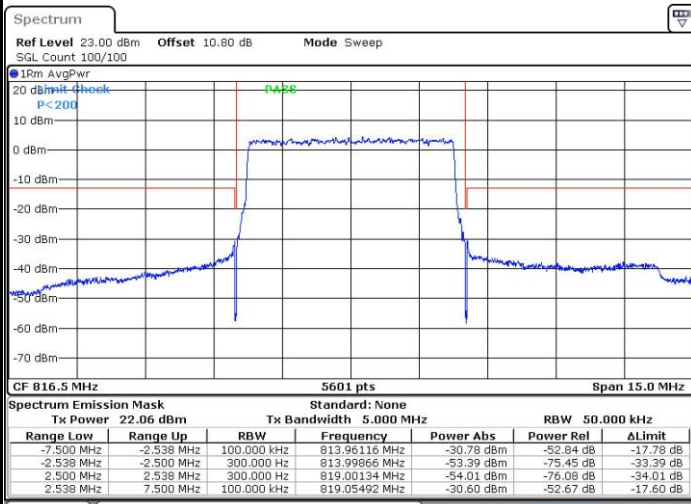
Date: 29 APR 2019 03:11:59

Highest Band Edge / 1 RB



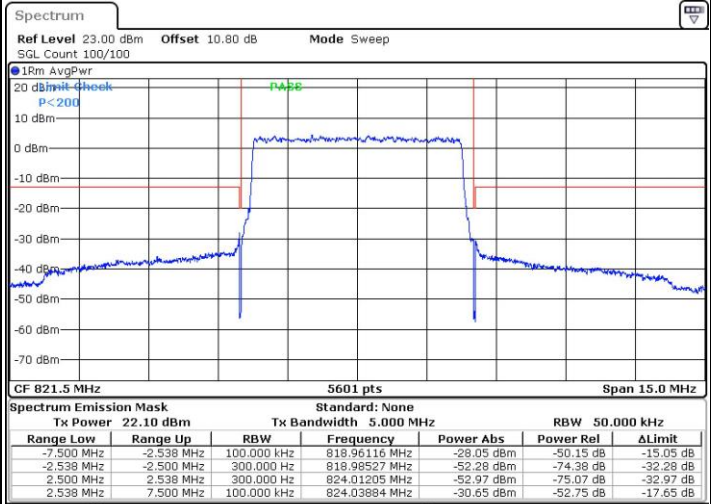
Date: 29 APR 2019 03:14:02

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:13:00

Highest Band Edge / Full RB



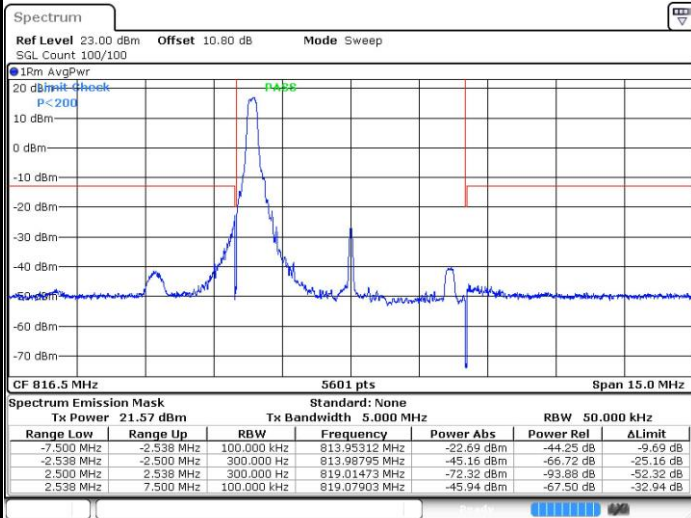
Date: 29 APR 2019 03:15:03





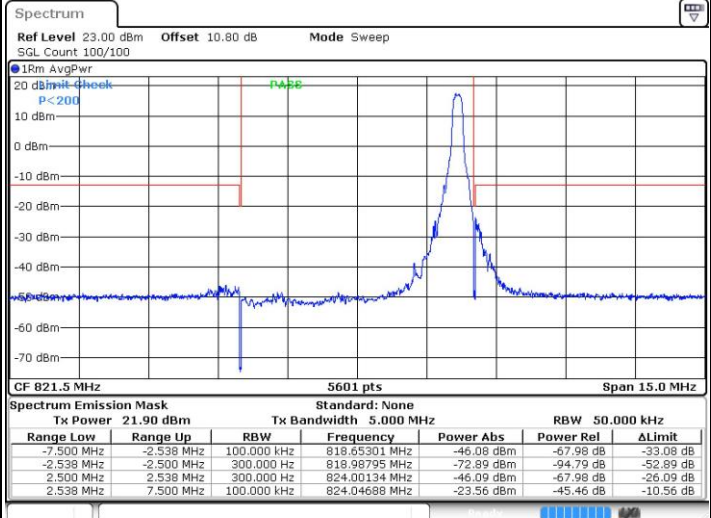
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



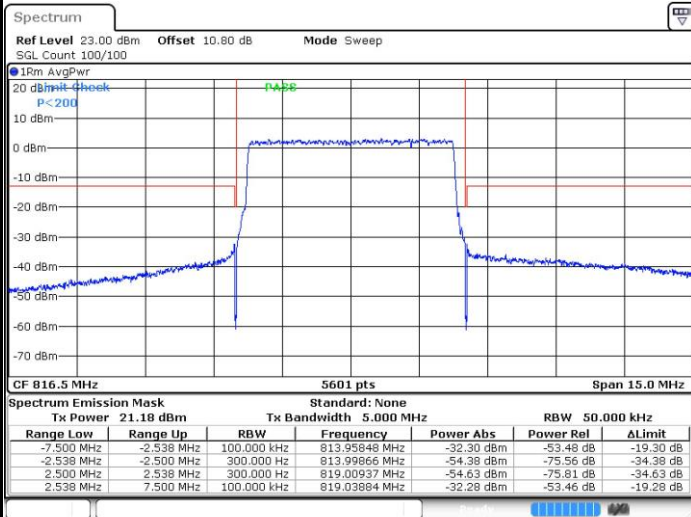
Date: 29 APR 2019 03:12:30

Highest Band Edge / 1 RB



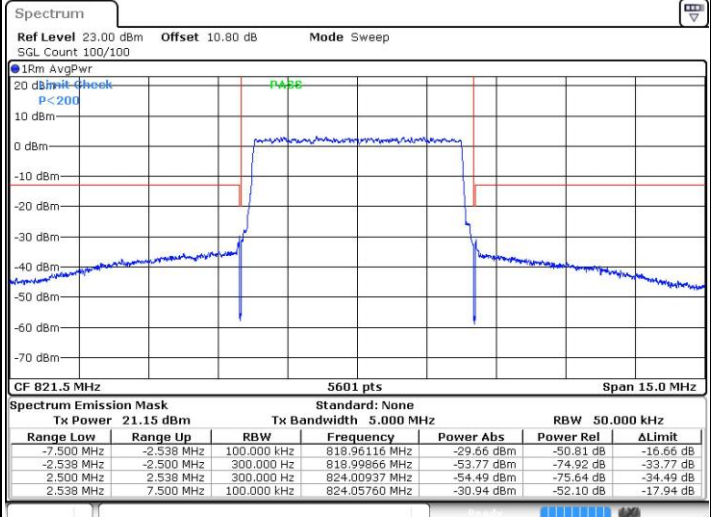
Date: 29 APR 2019 03:14:32

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:13:31

Highest Band Edge / Full RB

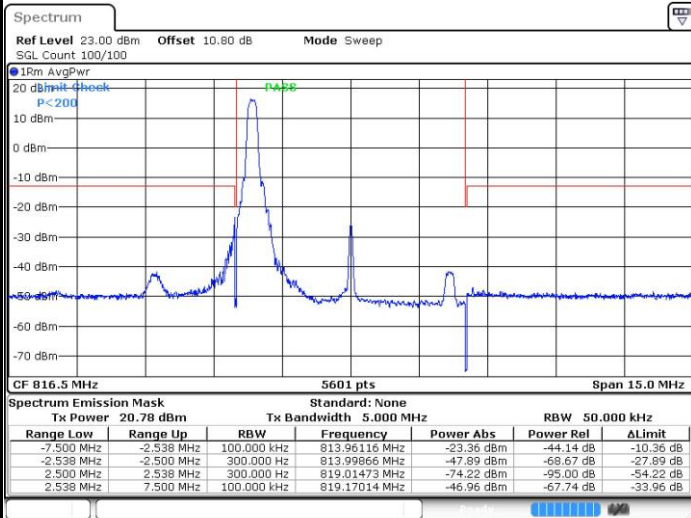


Date: 29 APR 2019 03:15:33



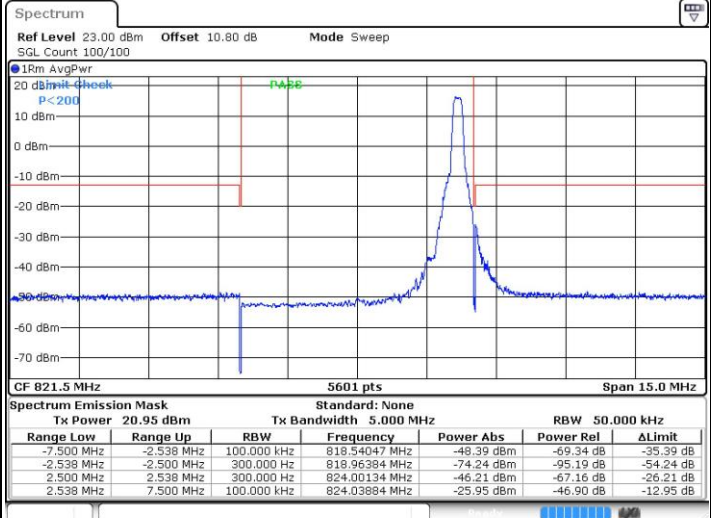
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



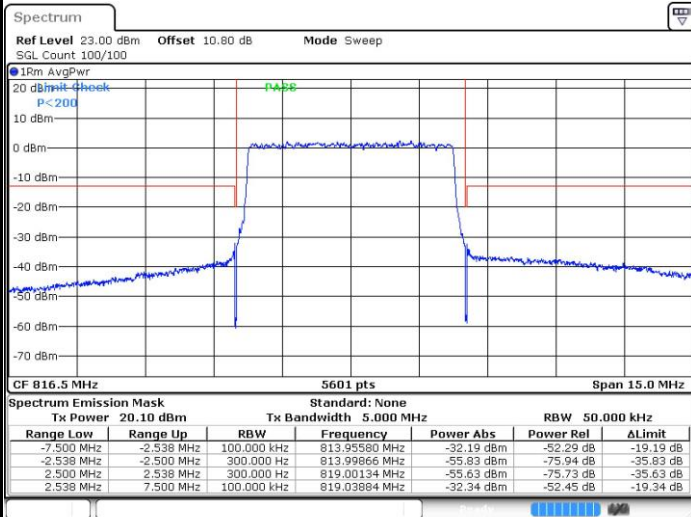
Date: 29 APR 2019 03:26:22

Highest Band Edge / 1 RB



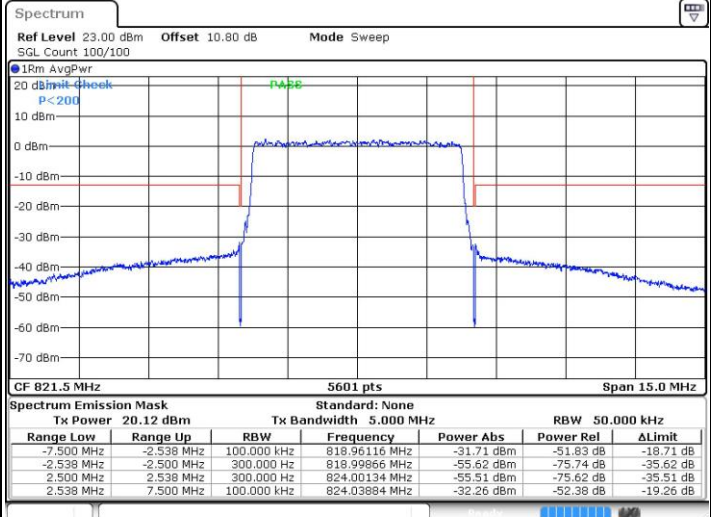
Date: 29 APR 2019 03:27:23

Lowest Band Edge / Full RB



Date: 29 APR 2019 03:26:52

Highest Band Edge / Full RB

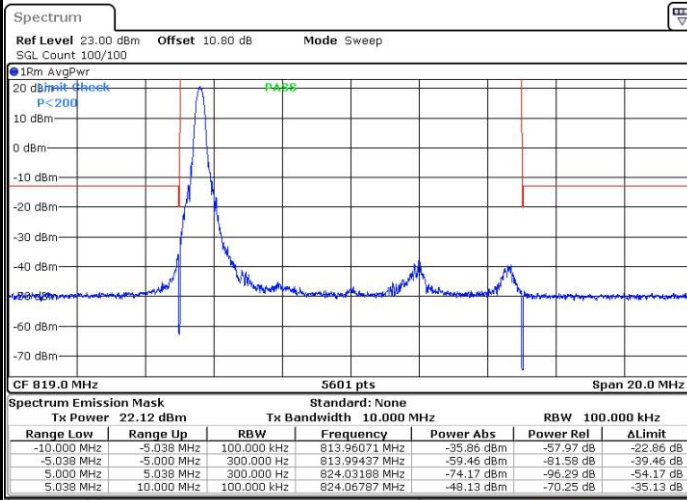


Date: 29 APR 2019 03:27:54



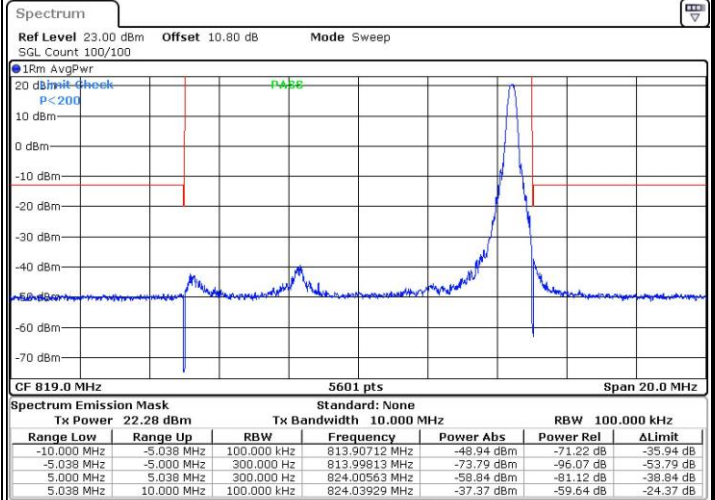
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



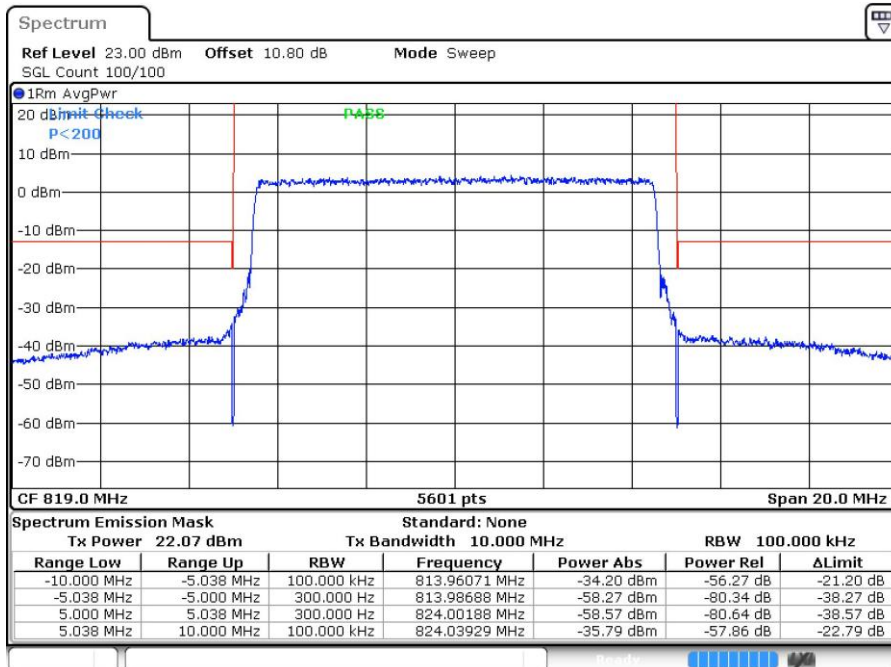
Date: 29 APR 2019 03:16:04

Highest Band Edge / 1 RB



Date: 29 APR 2019 03:17:06

Band Edge / Full RB

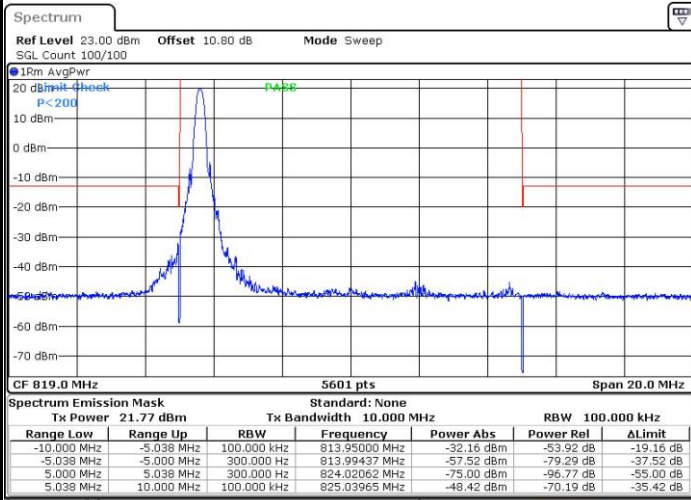


Date: 29 APR 2019 03:18:07



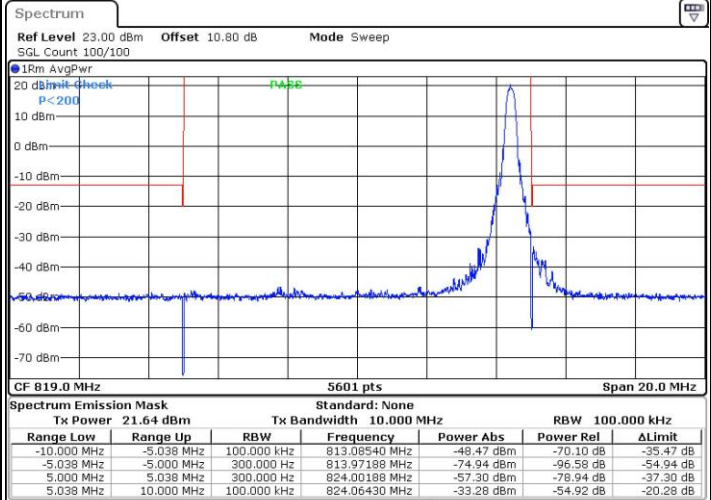
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



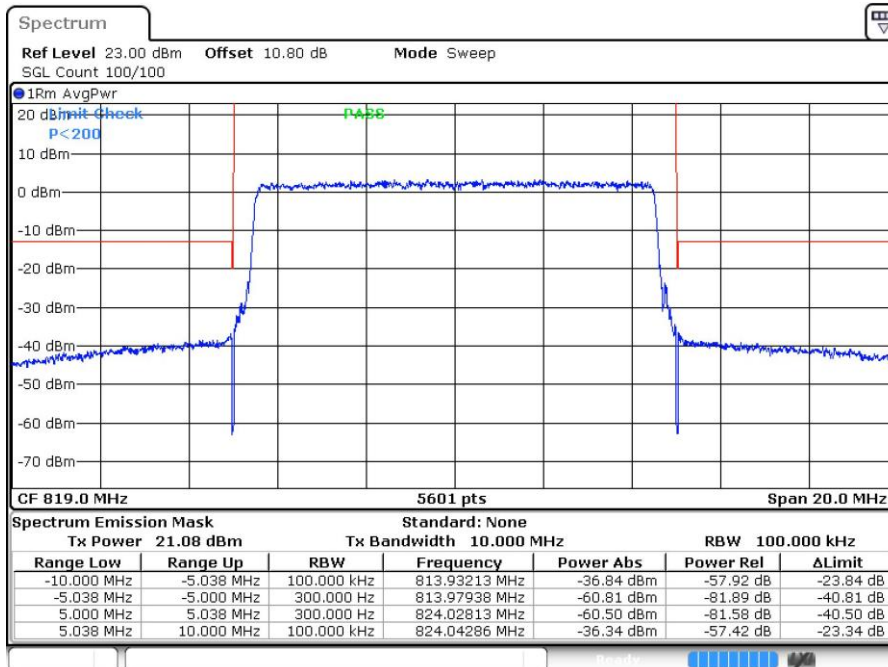
Date: 29 APR 2019 03:16:35

Highest Band Edge / 1 RB



Date: 29 APR 2019 03:17:36

Band Edge / Full RB



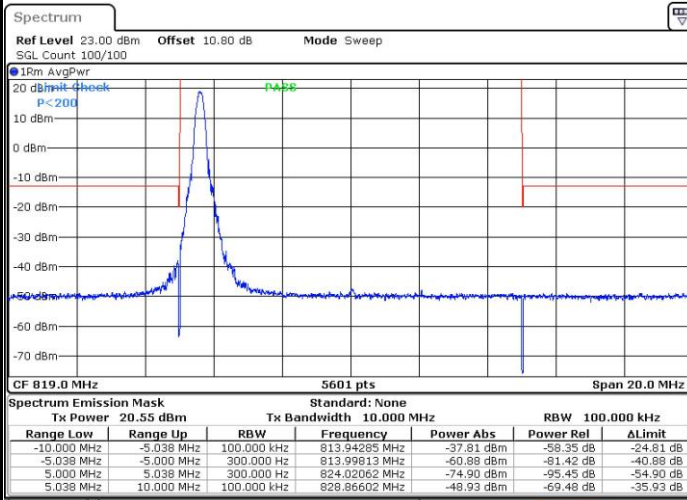
Date: 29 APR 2019 03:18:37





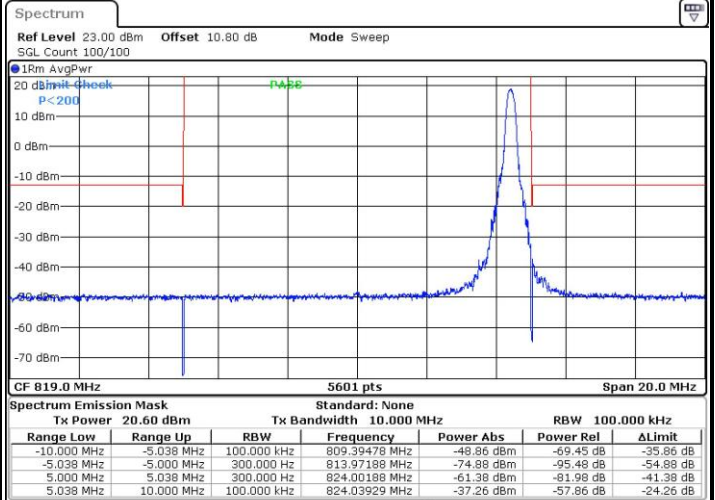
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



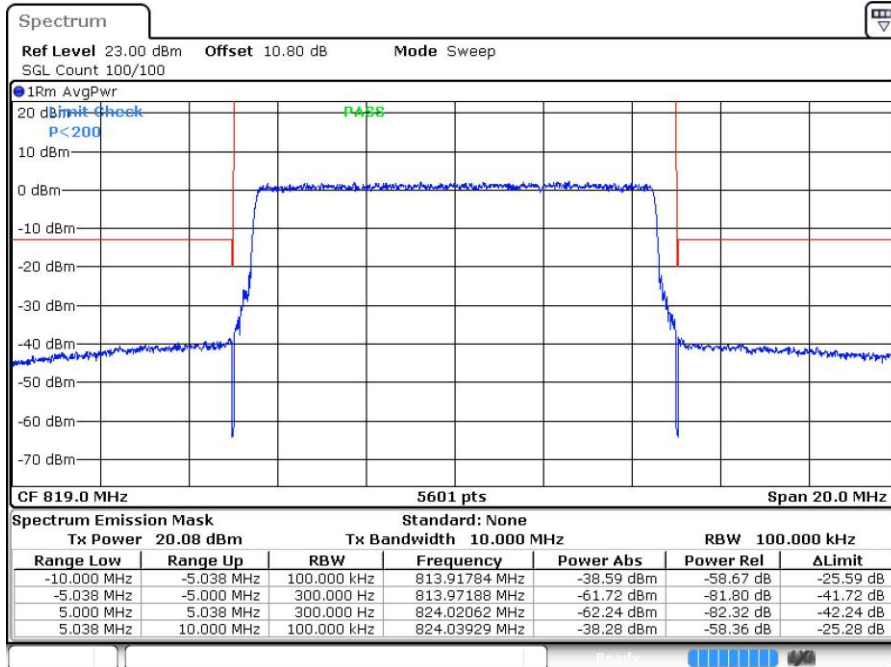
Date: 29 APR 2019 03:28:25

Highest Band Edge / 1 RB



Date: 29 APR 2019 03:28:55

Band Edge / Full RB

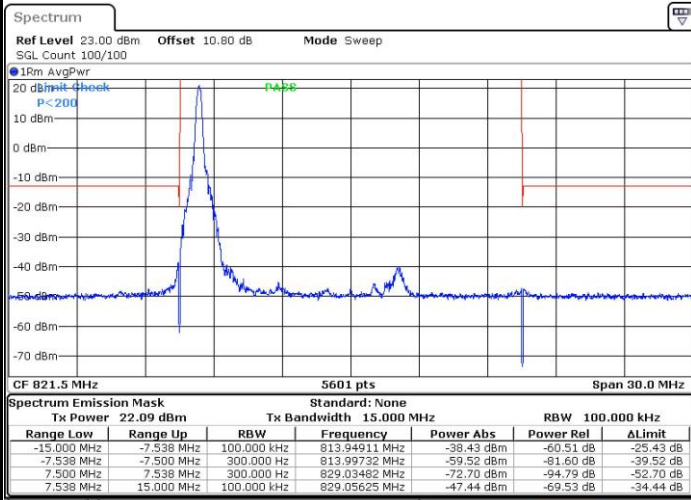


Date: 29 APR 2019 03:29:26



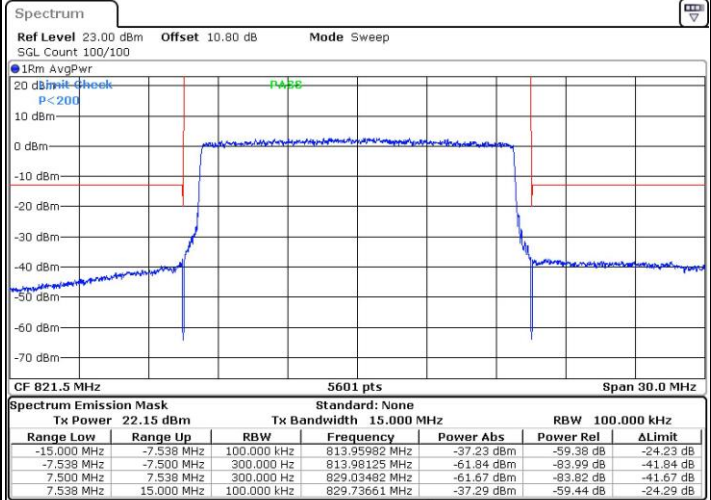
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 29 APR 2019 03:19:09

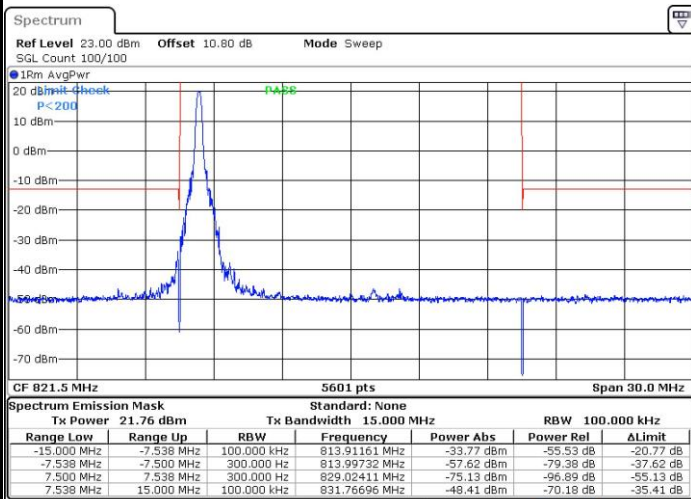
Lowest Band Edge / Full RB



Date: 29 APR 2019 03:21:12

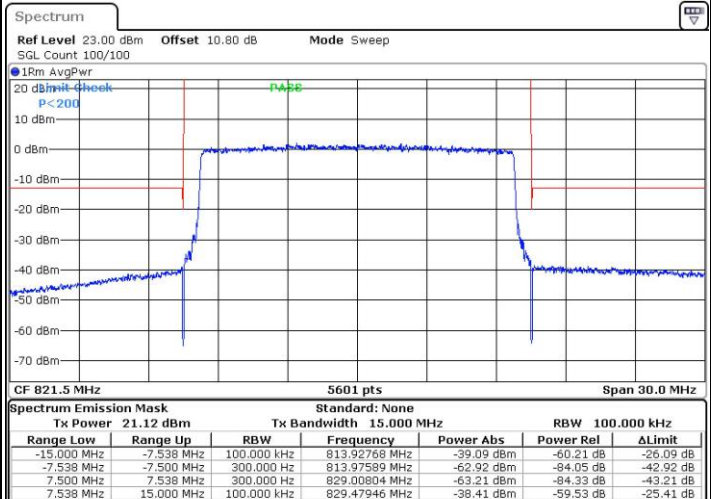
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 29 APR 2019 03:19:40

Lowest Band Edge / Full RB

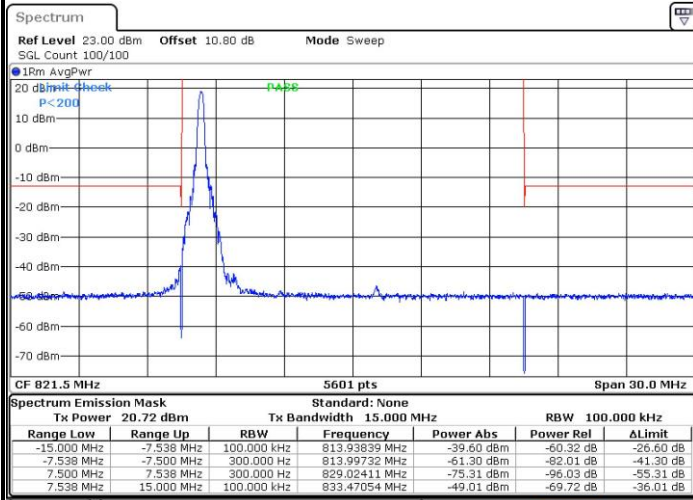


Date: 29 APR 2019 03:21:42



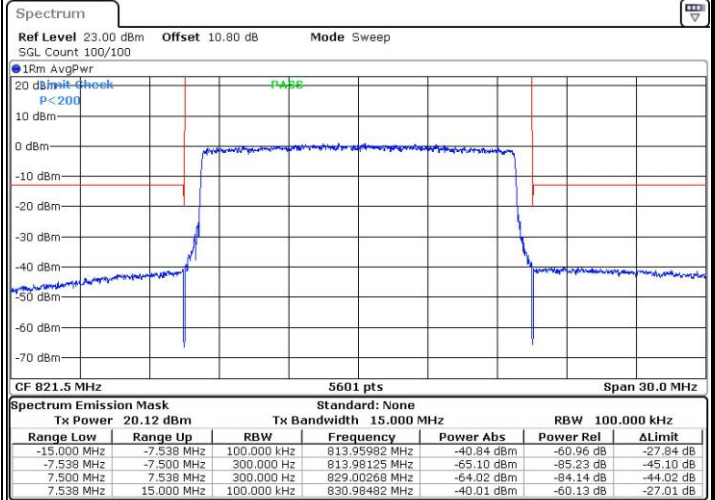
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 29 APR 2019 03:29:57

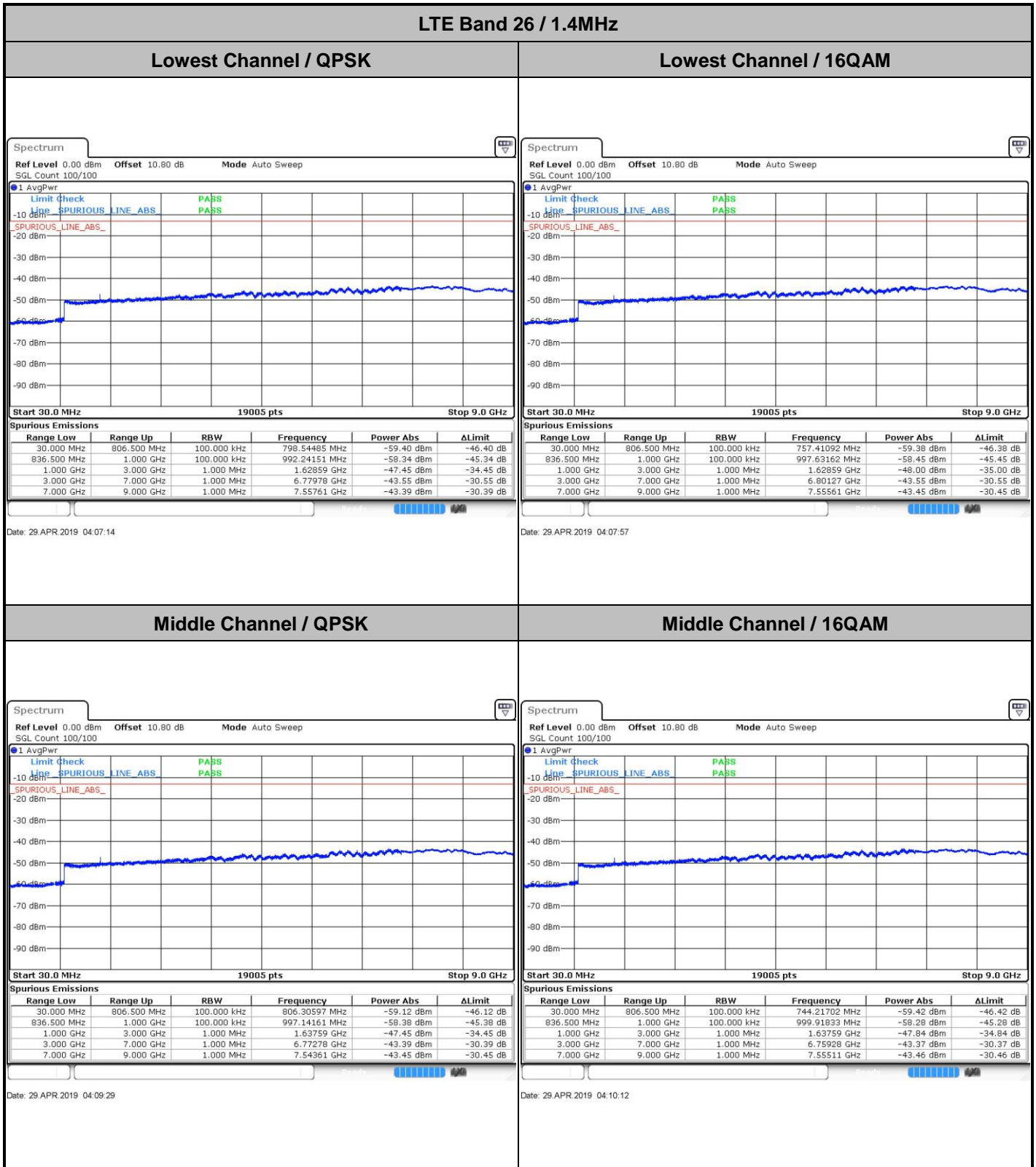
Lowest Band Edge / Full RB



Date: 29 APR 2019 03:30:58



Emission masks – Out of band emissions

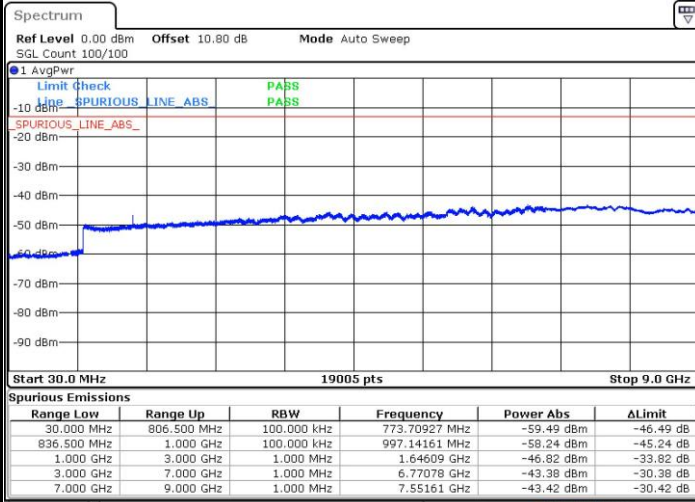






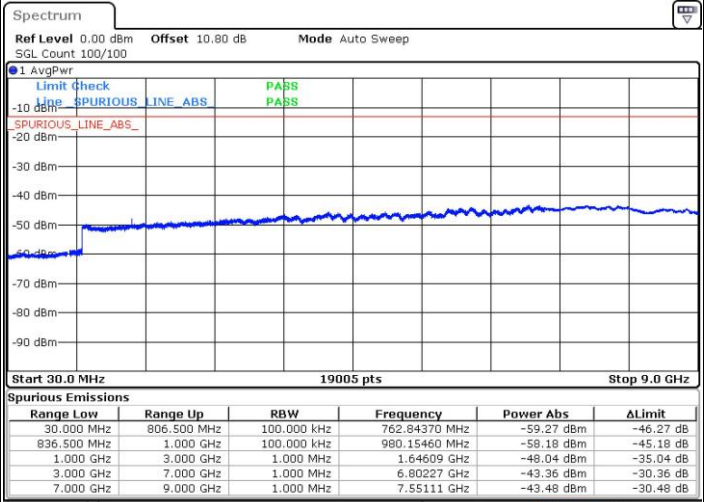
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 29 APR 2019 04:11:44

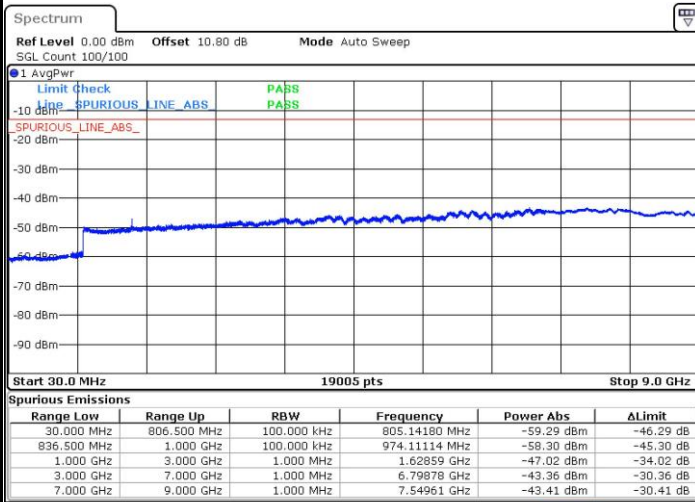
Highest Channel / 16QAM



Date: 29 APR 2019 04:12:27

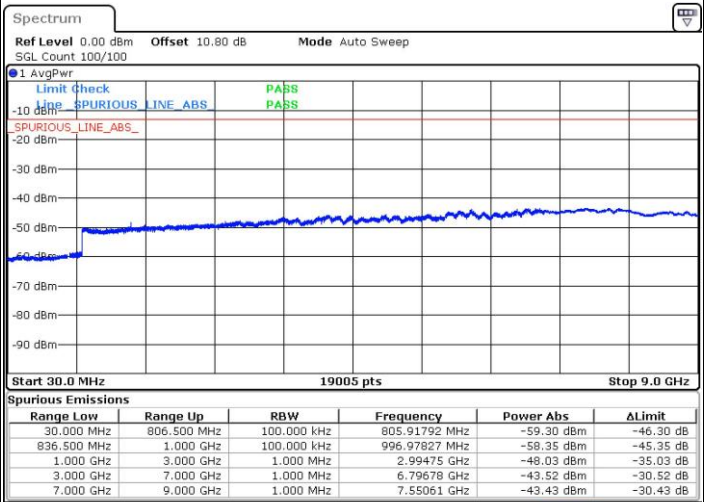
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 29 APR 2019 03:46:20

Lowest Channel / 16QAM



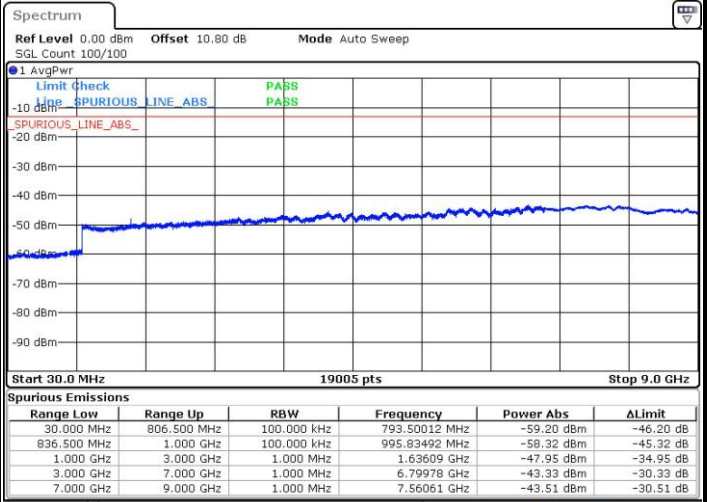
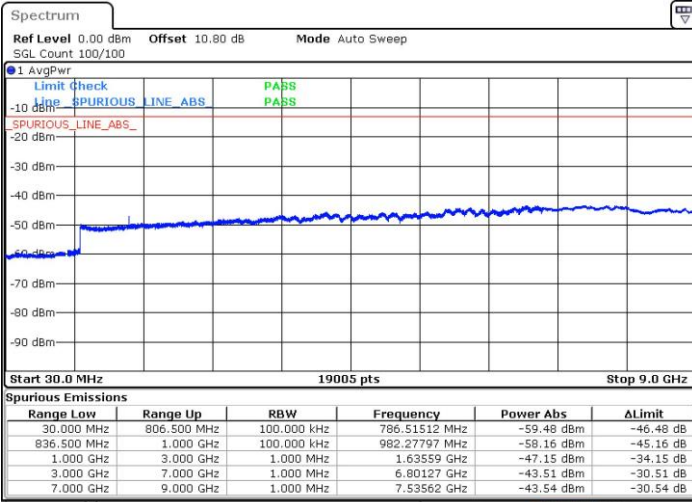
Date: 29 APR 2019 03:47:03



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

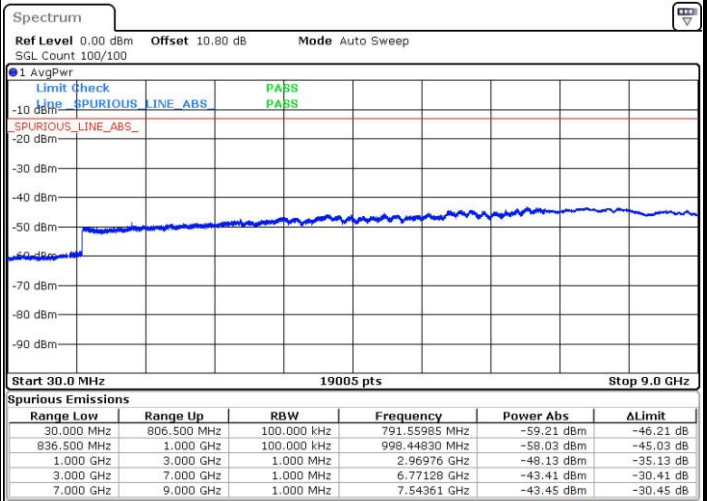
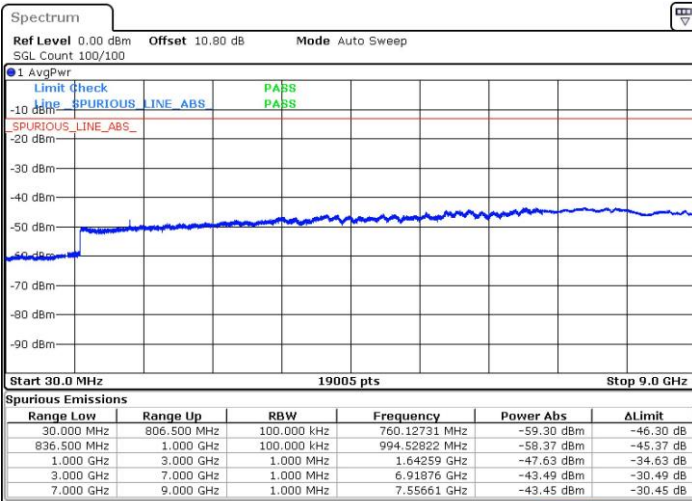


Date: 29 APR 2019 03:48:35

Date: 29 APR 2019 03:49:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 APR 2019 03:50:51

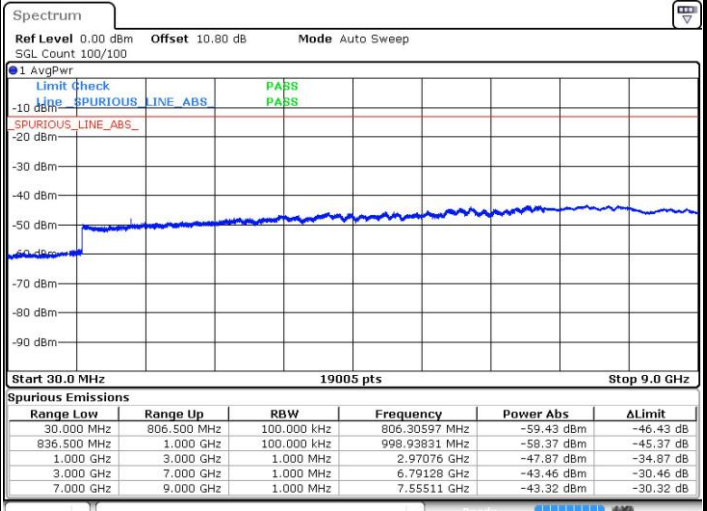
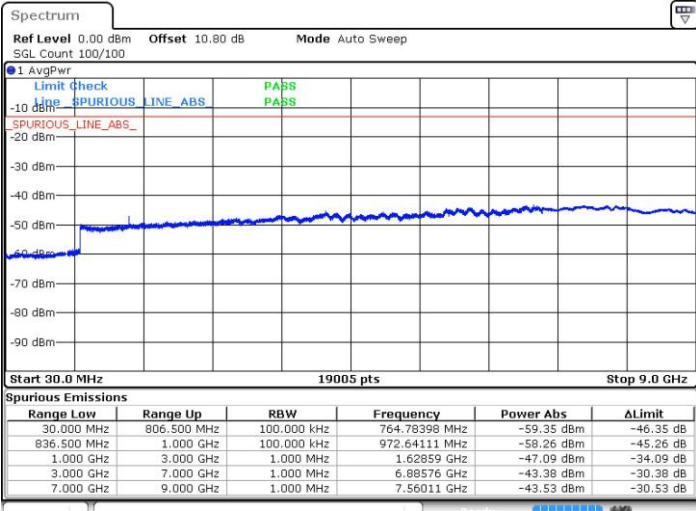
Date: 29 APR 2019 03:51:33



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

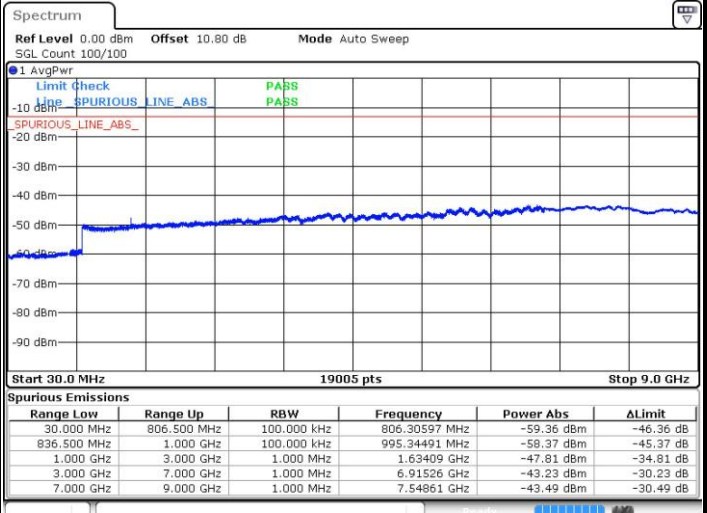
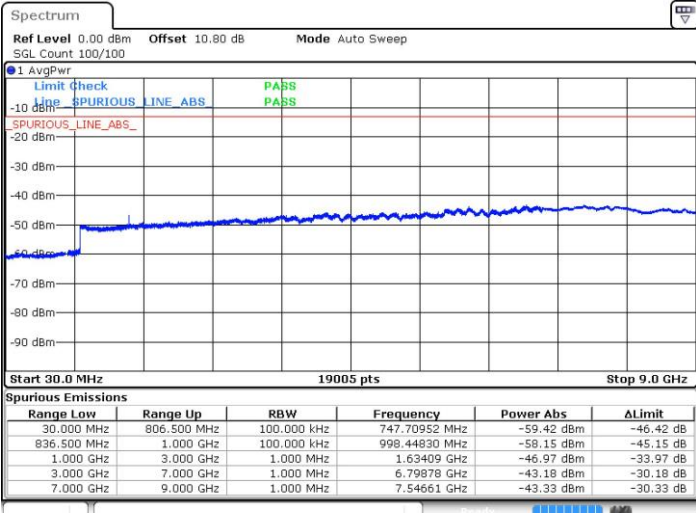


Date: 29 APR 2019 03:53:06

Date: 29 APR 2019 03:53:49

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29 APR 2019 03:55:21

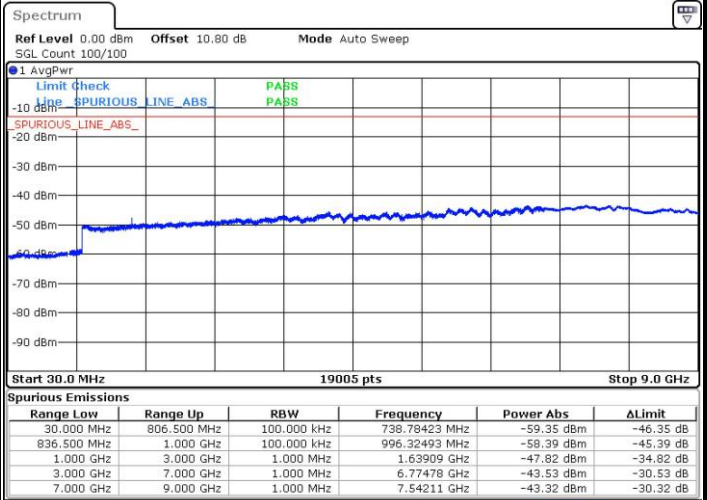
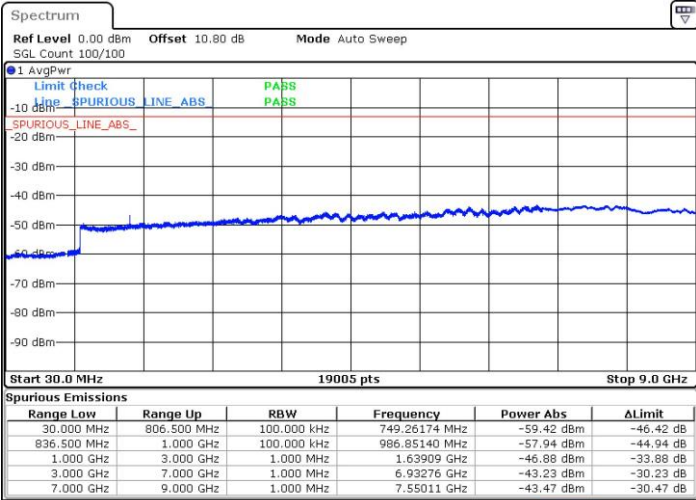
Date: 29 APR 2019 03:56:04



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



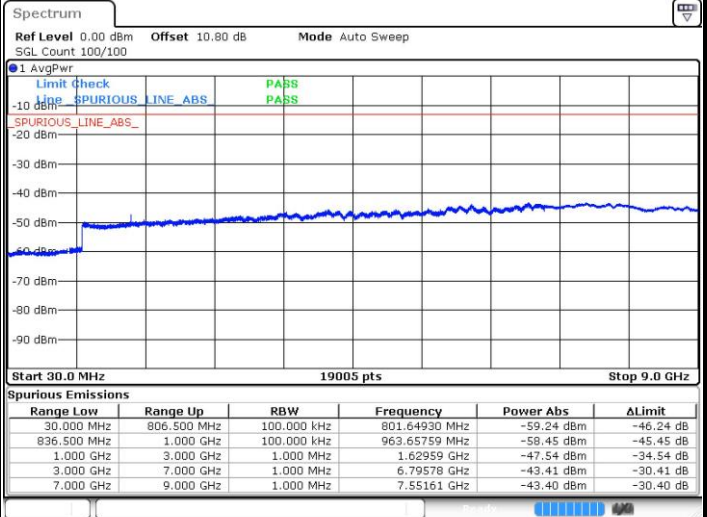
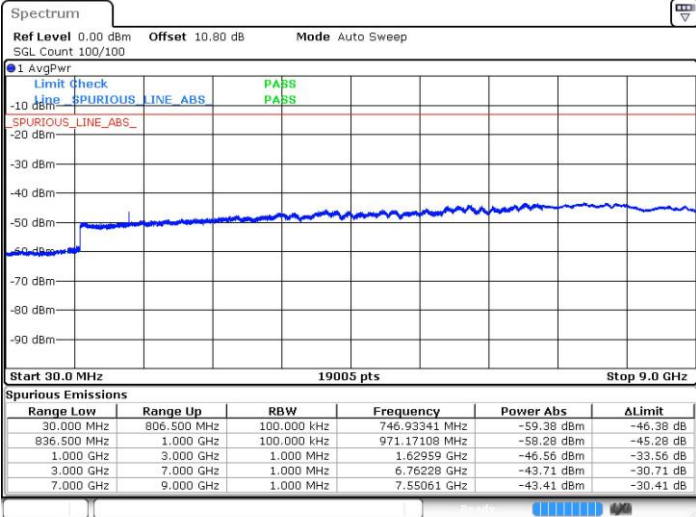
Date: 29 APR 2019 03:57:37

Date: 29 APR 2019 03:58:19

LTE Band 26 / 10MHz

Middle Channel / QPSK

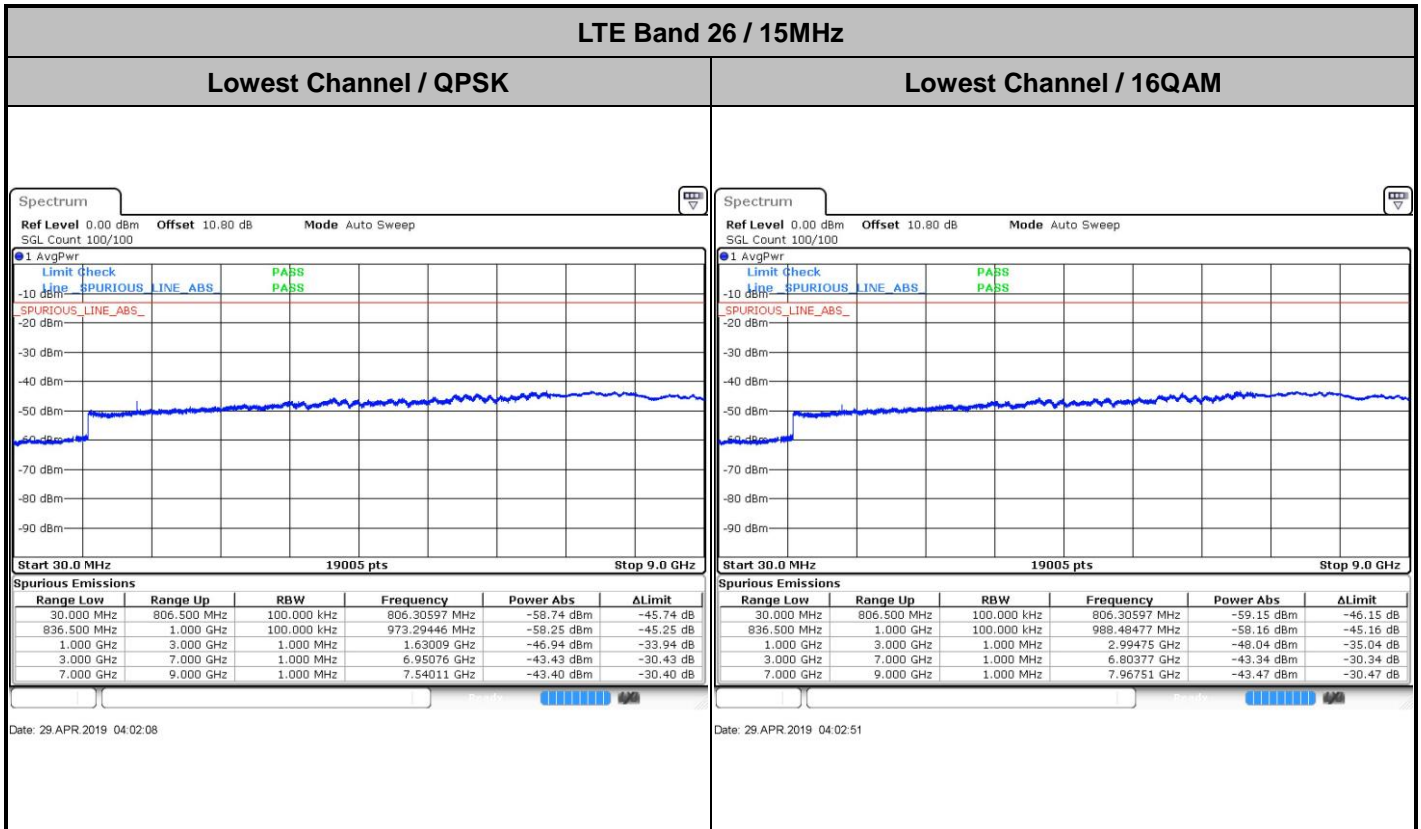
Middle Channel / 16QAM



Date: 29 APR 2019 03:59:52

Date: 29 APR 2019 04:00:35



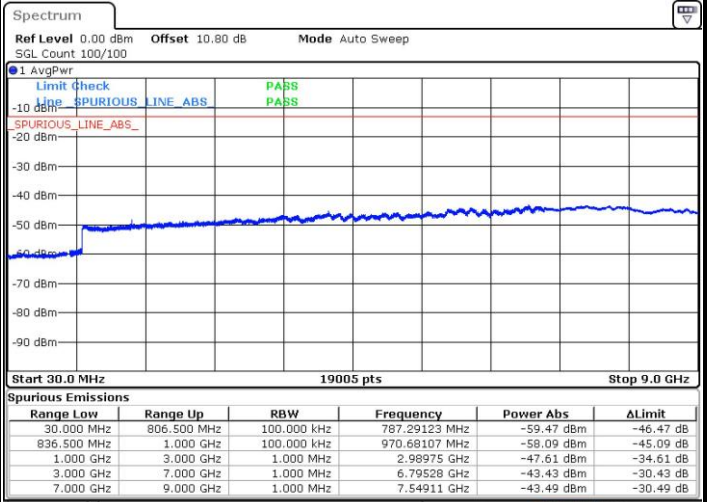
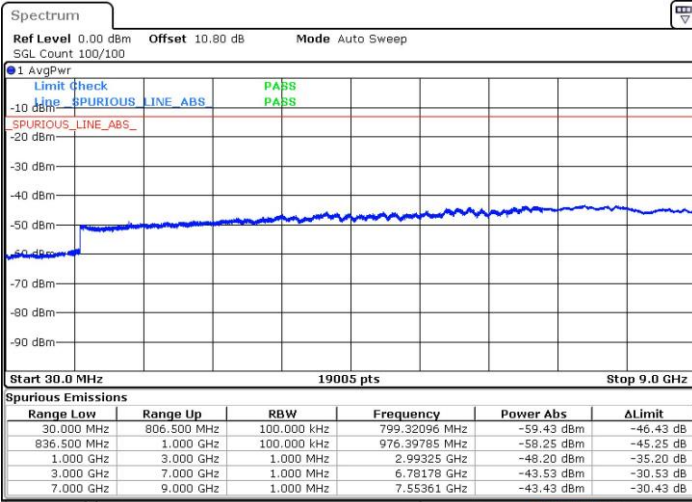




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

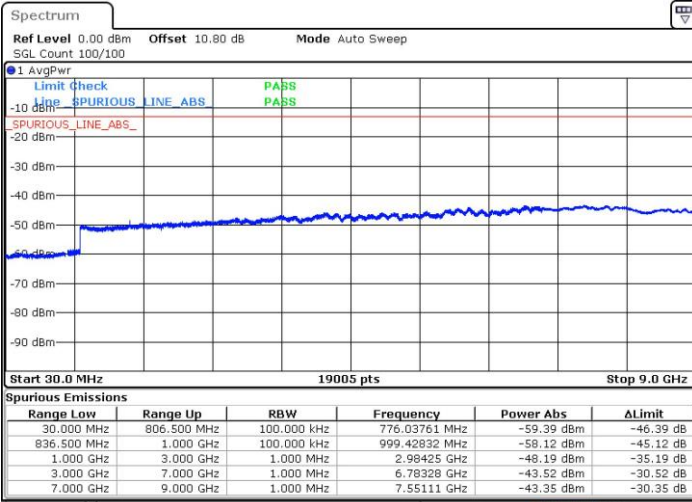
Middle Channel / 64QAM



Date: 29 APR 2019 03:42:32

Date: 29 APR 2019 03:43:40

Highest Channel / 64QAM



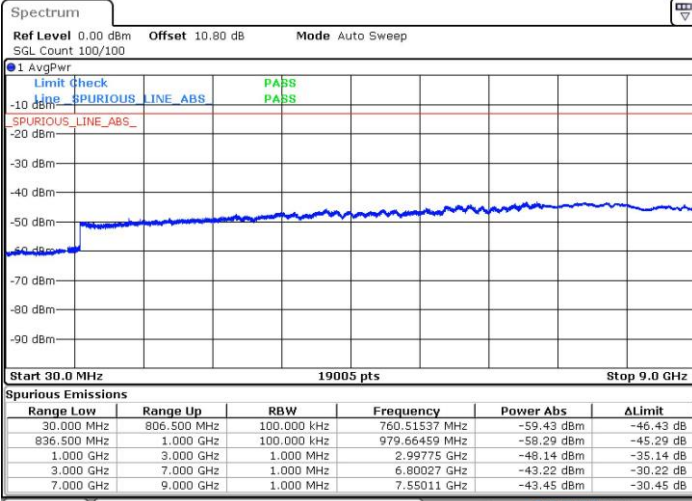
Date: 29 APR 2019 03:44:47



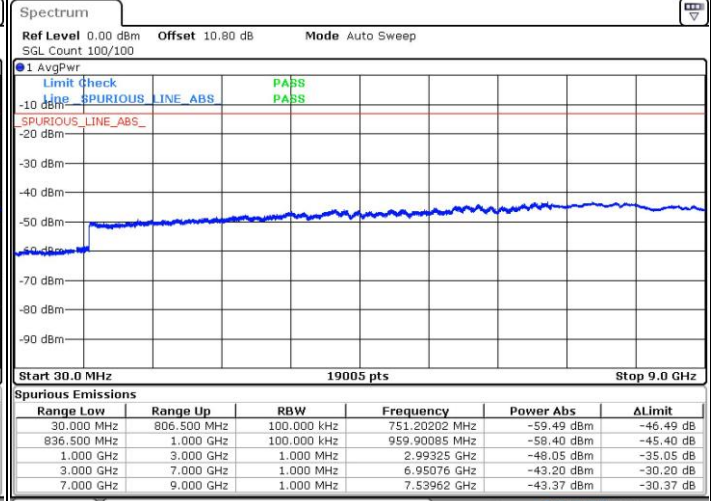
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

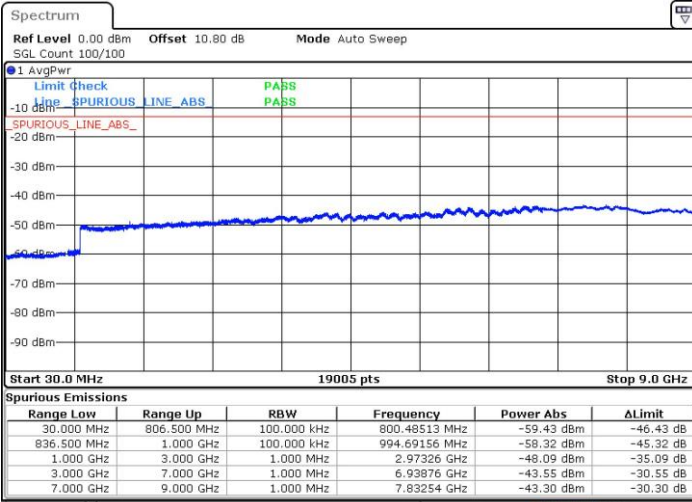


Date: 29 APR 2019 03:32:06



Date: 29 APR 2019 03:33:13

Highest Channel / 64QAM



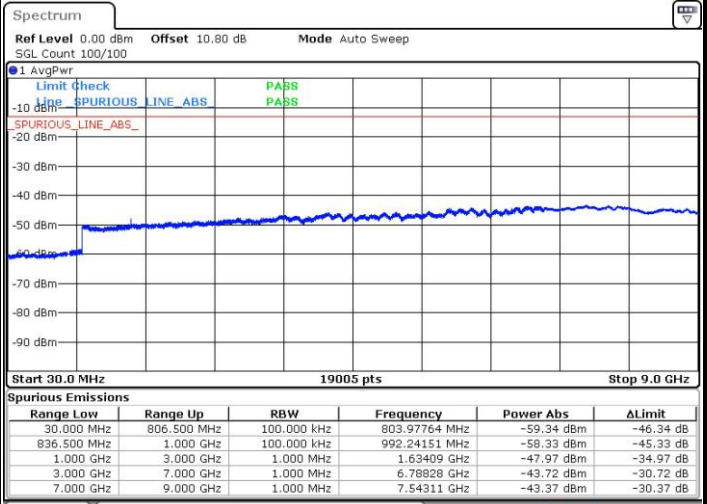
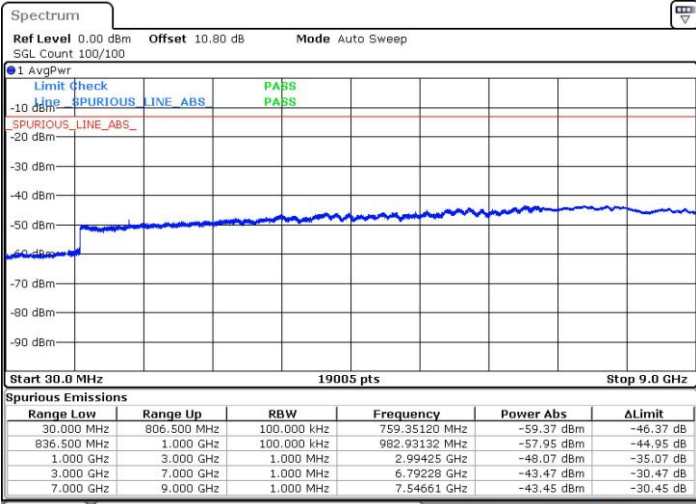
Date: 29 APR 2019 03:34:21



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

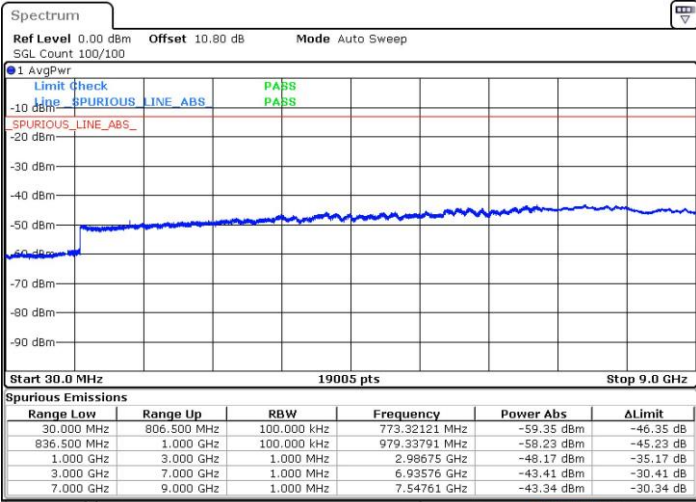
Middle Channel / 64QAM



Date: 29 APR 2019 03:35:29

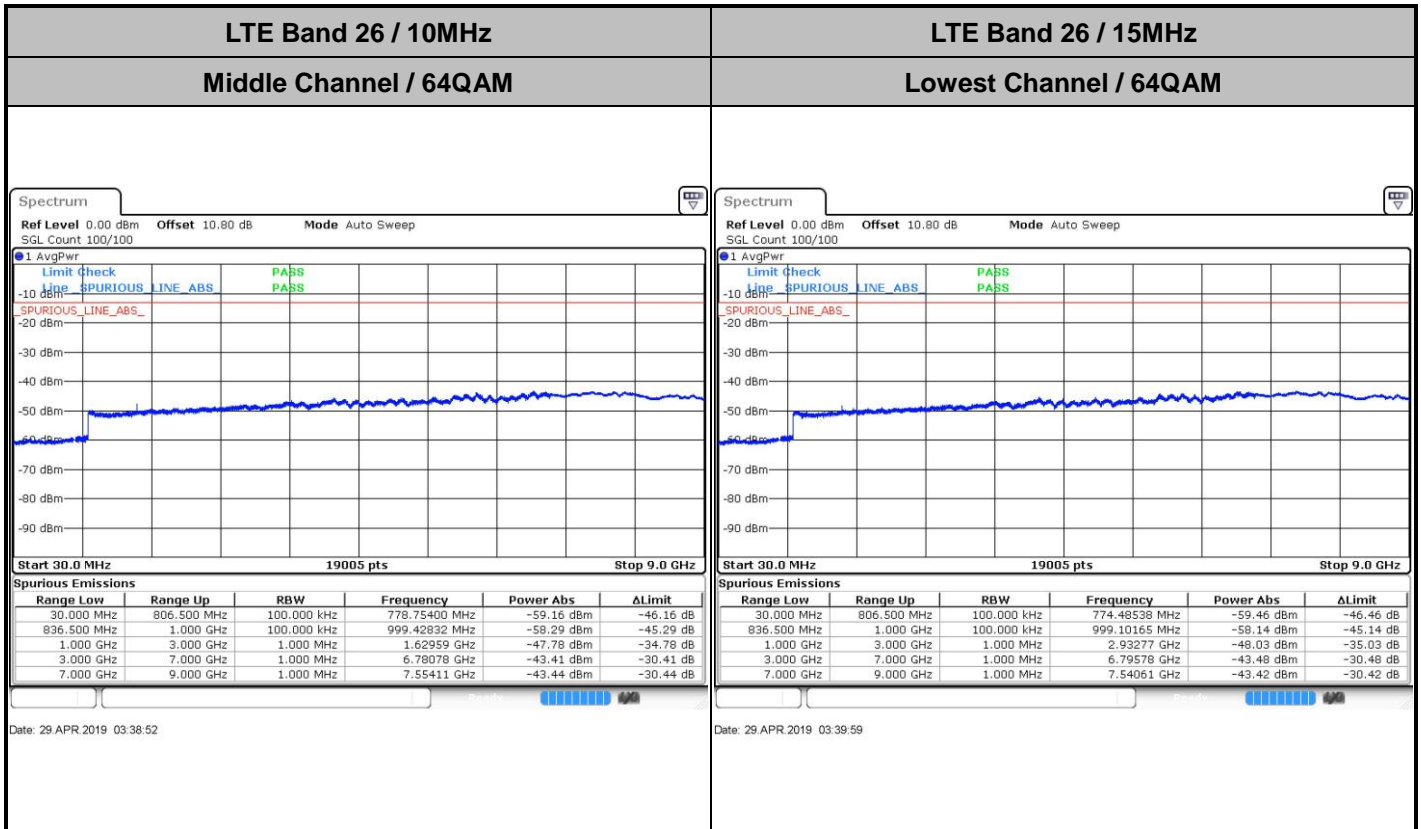
Date: 29 APR 2019 03:36:36

Highest Channel / 64QAM



Date: 29 APR 2019 03:37:44







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	0.0094	PASS
40	Normal Voltage	0.0181	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0076	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0181	
-20	Normal Voltage	0.0079	
-30	Normal Voltage	0.0105	
20	Maximum Voltage	0.0194	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0204	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 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	0.0012	PASS
40	Normal Voltage	0.0207	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0134	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0121	
-20	Normal Voltage	0.0159	
-30	Normal Voltage	0.0262	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0067	

**Note:**

- 1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of ERP and Radiated Test

**ERP**

<Reporting Only for Ant. 0\_C>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.40	0.28	23.45	0.22
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.70	0.23	22.75	0.19
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	22.70	0.19	21.75	0.15
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



**ERP**

<Reporting Only for Ant. 1>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -3.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.40	0.28	18.55	0.07
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.70	0.23	17.85	0.06
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	22.70	0.19	16.85	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	





**Radiated Spurious Emission**

<Ant. 0\_C>

**LTE Band 26 (Part 90S)**

LTE Band 26 / 3MHz / 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	1632	-63.57	-13	-50.57	-75.9	-65.38	0.97	4.93	H
	2448	-59.79	-13	-46.79	-77.25	-61.61	1.27	5.24	H
	3264	-58.42	-13	-45.42	-77.98	-61.7	1.53	6.96	H
	1632	-63.12	-13	-50.12	-75.93	-64.93	0.97	4.93	V
	2448	-59.44	-13	-46.44	-77.34	-61.26	1.27	5.24	V
	3264	-57.83	-13	-44.83	-77.79	-61.11	1.53	6.96	V
Middle	1640	-63.22	-13	-50.22	-75.69	-65	0.97	4.91	H
	2456	-59.74	-13	-46.74	-77.28	-61.58	1.28	5.27	H
	3272	-58.31	-13	-45.31	-77.95	-61.62	1.53	7.00	H
	1640	-62.88	-13	-49.88	-75.82	-64.66	0.97	4.91	V
	2456	-59.49	-13	-46.49	-77.47	-61.33	1.28	5.27	V
	3272	-57.87	-13	-44.87	-77.88	-61.18	1.53	7.00	V
Highest	1648	-63.55	-13	-50.55	-76.02	-65.31	0.98	4.89	H
	2464	-59.64	-13	-46.64	-77.18	-61.5	1.28	5.29	H
	3288	-58.43	-13	-45.43	-78.16	-61.81	1.54	7.07	H
	1648	-63.02	-13	-50.02	-75.96	-64.78	0.98	4.89	V
	2464	-59.46	-13	-46.46	-77.44	-61.32	1.28	5.29	V
	3288	-57.92	-13	-44.92	-77.98	-61.3	1.54	7.07	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	-63.33	-13	-50.33	-75.67	-65.17	0.97	4.95	H
	2440	-59.62	-13	-46.62	-77.09	-61.42	1.27	5.22	H
	3256	-57.91	-13	-44.91	-77.47	-61.16	1.53	6.93	H
	1624	-62.93	-13	-49.93	-75.75	-64.77	0.97	4.95	V
	2440	-59.26	-13	-46.26	-77.17	-61.06	1.27	5.22	V
	3256	-57.71	-13	-44.71	-77.67	-60.96	1.53	6.93	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	1640	-63.13	-13	-50.13	-75.6	-64.91	0.97	4.91	H
	2464	-59.47	-13	-46.47	-77.01	-61.33	1.28	5.29	H
	3288	-58.41	-13	-45.41	-78.14	-61.79	1.54	7.07	H
	1640	-63.03	-13	-50.03	-75.97	-64.81	0.97	4.91	V
	2464	-59.17	-13	-46.17	-77.15	-61.03	1.28	5.29	V
	3288	-57.91	-13	-44.91	-77.98	-61.29	1.54	7.07	V

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



<Ant. 1>

**LTE Band 26 (Part 90S)**

LTE Band 26 / 3MHz / 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	1632	-63.54	-13	-50.54	-75.87	-65.35	0.97	4.93	H
	2448	-60.03	-13	-47.03	-77.49	-61.85	1.27	5.24	H
	3264	-58.53	-13	-45.53	-78.09	-61.81	1.53	6.96	H
	1632	-63.12	-13	-50.12	-75.93	-64.93	0.97	4.93	V
	2448	-59.62	-13	-46.62	-77.52	-61.44	1.27	5.24	V
	3264	-58.14	-13	-45.14	-78.1	-61.42	1.53	6.96	V
Middle	1640	-63.51	-13	-50.51	-75.98	-65.29	0.97	4.91	H
	2456	-59.75	-13	-46.75	-77.29	-61.59	1.28	5.27	H
	3272	-58.53	-13	-45.53	-78.17	-61.84	1.53	7.00	H
	1640	-63.03	-13	-50.03	-75.97	-64.81	0.97	4.91	V
	2456	-59.21	-13	-46.21	-77.19	-61.05	1.28	5.27	V
	3272	-57.93	-13	-44.93	-77.94	-61.24	1.53	7.00	V
Highest	1648	-63.13	-13	-50.13	-75.6	-64.89	0.98	4.89	H
	2464	-59.69	-13	-46.69	-77.23	-61.55	1.28	5.29	H
	3288	-58.25	-13	-45.25	-77.98	-61.63	1.54	7.07	H
	1648	-62.99	-13	-49.99	-75.93	-64.75	0.98	4.89	V
	2464	-59.28	-13	-46.28	-77.26	-61.14	1.28	5.29	V
	3288	-57.88	-13	-44.88	-77.94	-61.26	1.54	7.07	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	-63.63	-13	-50.63	-75.97	-65.47	0.97	4.95	H
	2440	-59.81	-13	-46.81	-77.28	-61.61	1.27	5.22	H
	3256	-58.23	-13	-45.23	-77.79	-61.48	1.53	6.93	H
	1624	-63.12	-13	-50.12	-75.97	-64.96	0.97	4.95	V
	2440	-59.12	-13	-46.12	-77.03	-60.92	1.27	5.22	V
	3256	-57.79	-13	-44.79	-77.75	-61.04	1.53	6.93	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	1640	-63.34	-13	-50.34	-75.81	-65.12	0.97	4.91	H
	2464	-59.63	-13	-46.63	-77.17	-61.49	1.28	5.29	H
	3288	-58.42	-13	-45.42	-78.15	-61.8	1.54	7.07	H
	1640	-62.88	-13	-49.88	-75.82	-64.66	0.97	4.91	V
	2464	-58.91	-13	-45.91	-76.89	-60.77	1.28	5.29	V
	3288	-57.68	-13	-44.68	-77.74	-61.06	1.54	7.07	V

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



<WPC Charging Mode>

**LTE Band 26 (Part 90S)**

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	1640	-64.02	-13	-51.02	-76.33	-65.8	0.97	4.91	H
	2464	-60.44	-13	-47.44	-77.85	-62.3	1.28	5.29	H
	3288	-59.32	-13	-46.32	-78.65	-62.7	1.54	7.07	H
	1640	-63.52	-13	-50.52	-76.2	-65.3	0.97	4.91	V
	2464	-60.04	-13	-47.04	-77.79	-61.9	1.28	5.29	V
	3288	-58.82	-13	-45.82	-78.63	-62.2	1.54	7.07	V

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

————THE END————