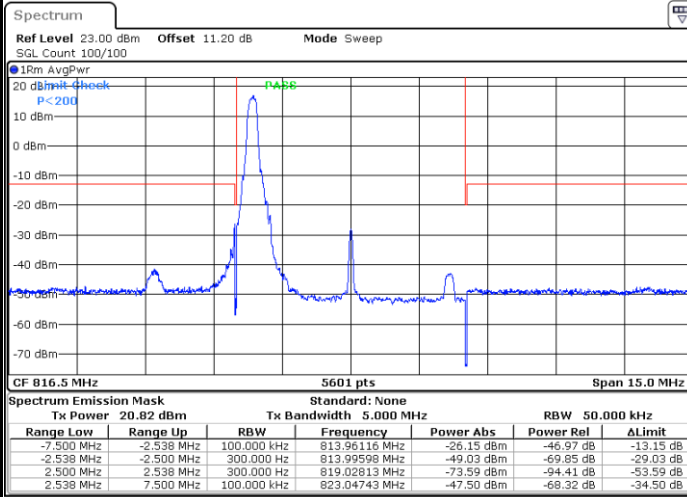




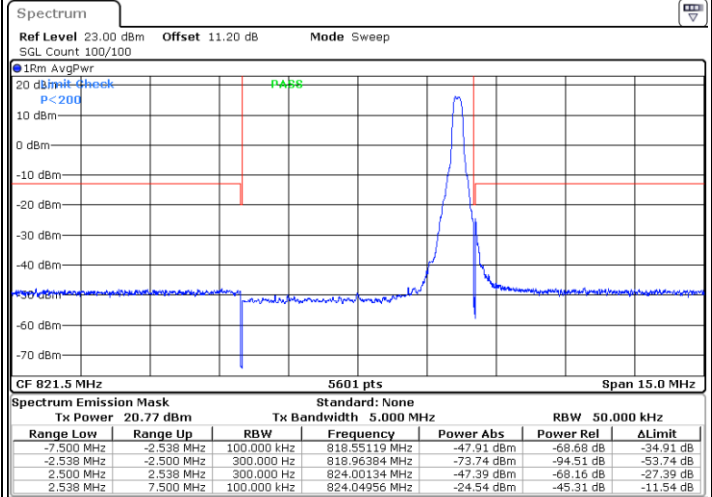
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



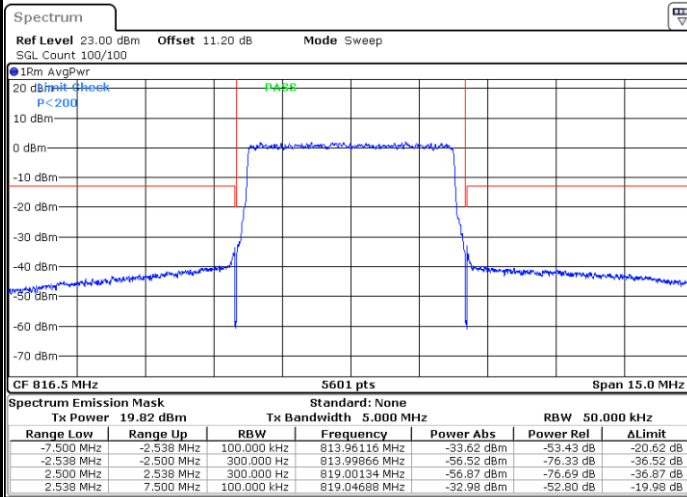
Date: 13 JUN 2020 23:39:52

Highest Band Edge / 1 RB



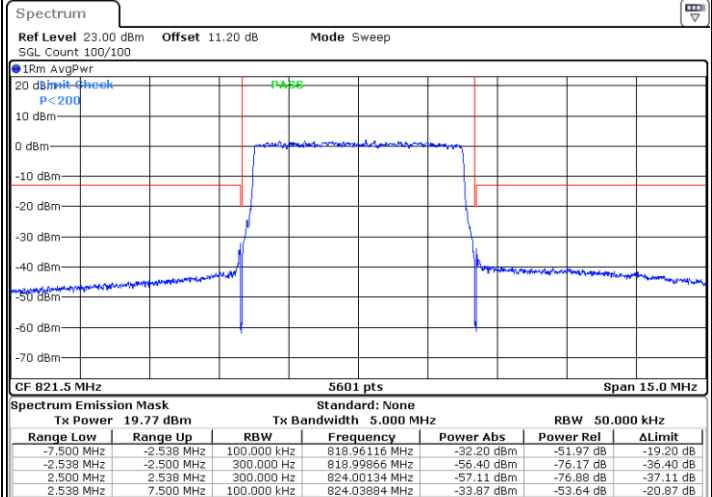
Date: 13 JUN 2020 23:40:51

Lowest Band Edge / Full RB



Date: 13 JUN 2020 23:40:21

Highest Band Edge / Full RB

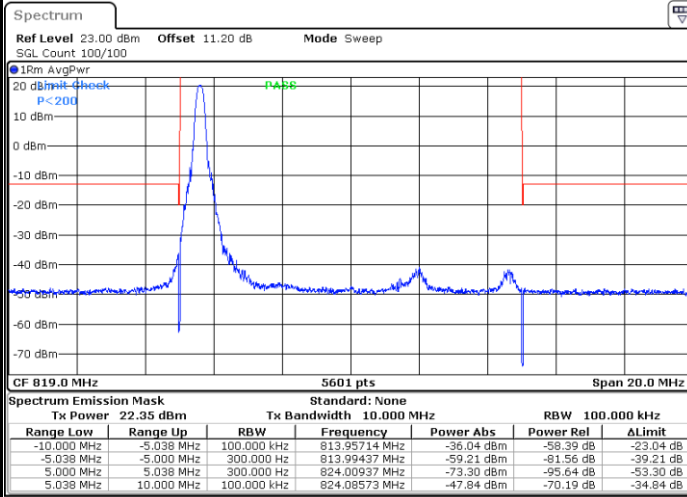


Date: 13 JUN 2020 23:41:21



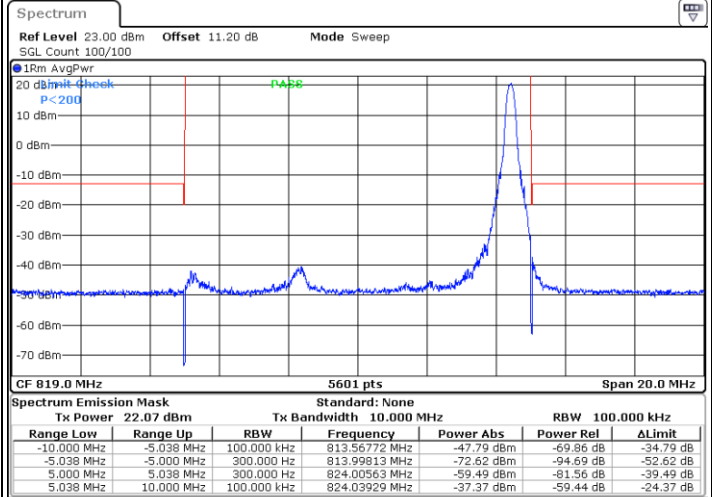
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



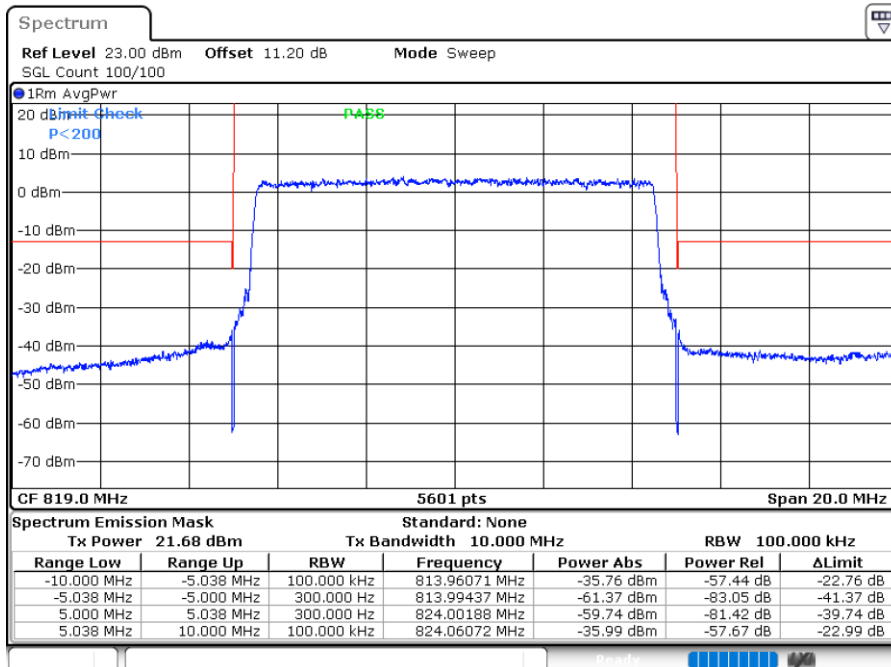
Date: 13.JUN.2020 23:31:54

Highest Band Edge / 1 RB



Date: 13.JUN.2020 23:32:53

Band Edge / Full RB

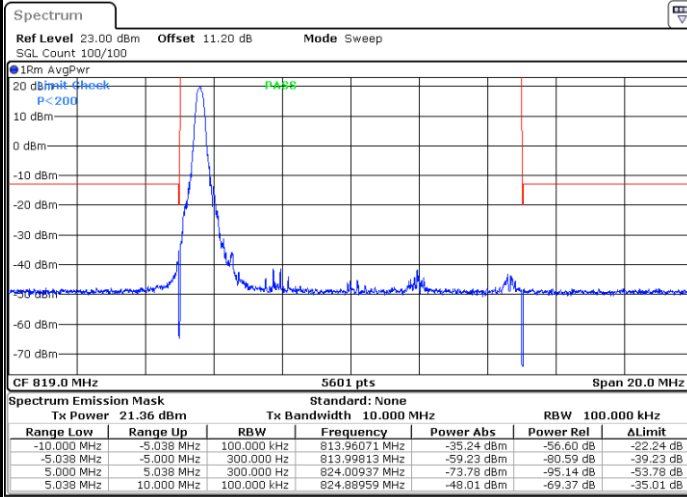


Date: 13.JUN.2020 23:33:53



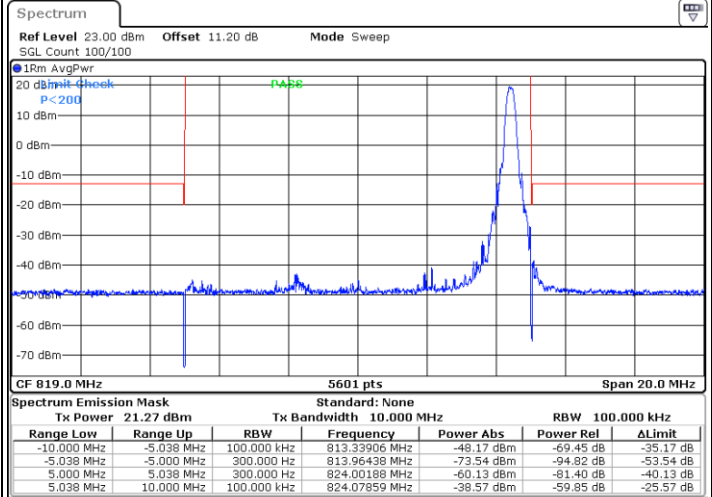
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



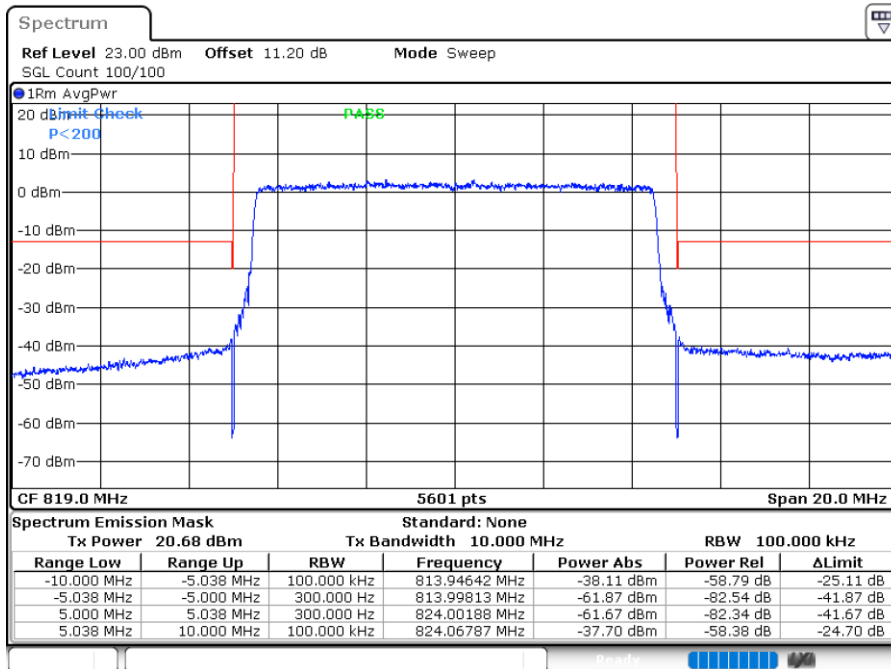
Date: 13.JUN.2020 23:32:24

Highest Band Edge / 1 RB



Date: 13.JUN.2020 23:33:23

Band Edge / Full RB

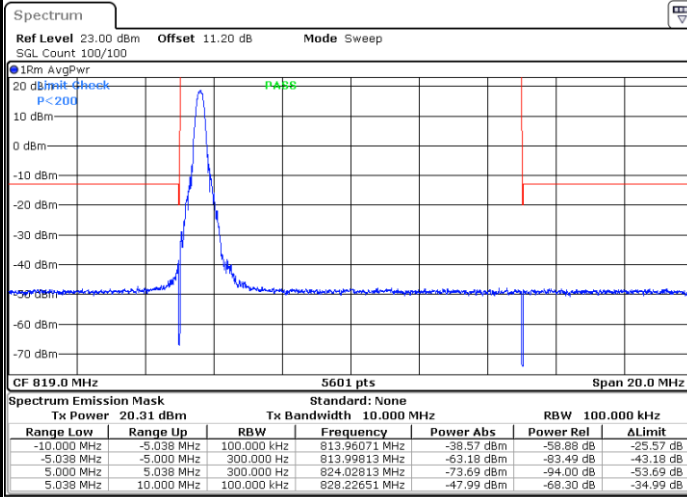


Date: 13.JUN.2020 23:34:22



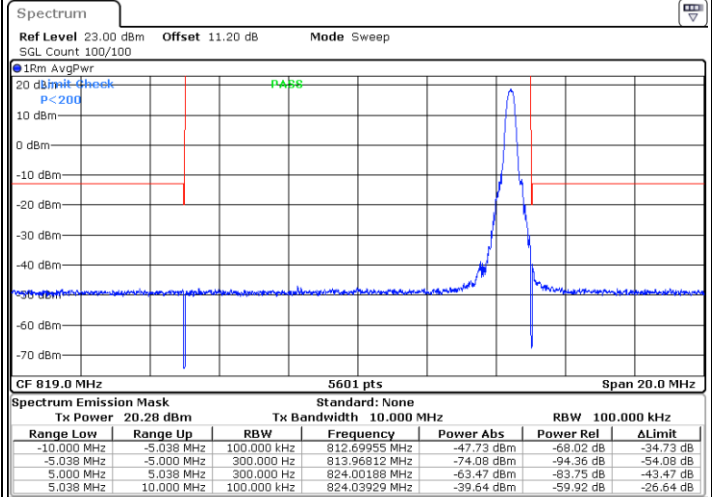
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



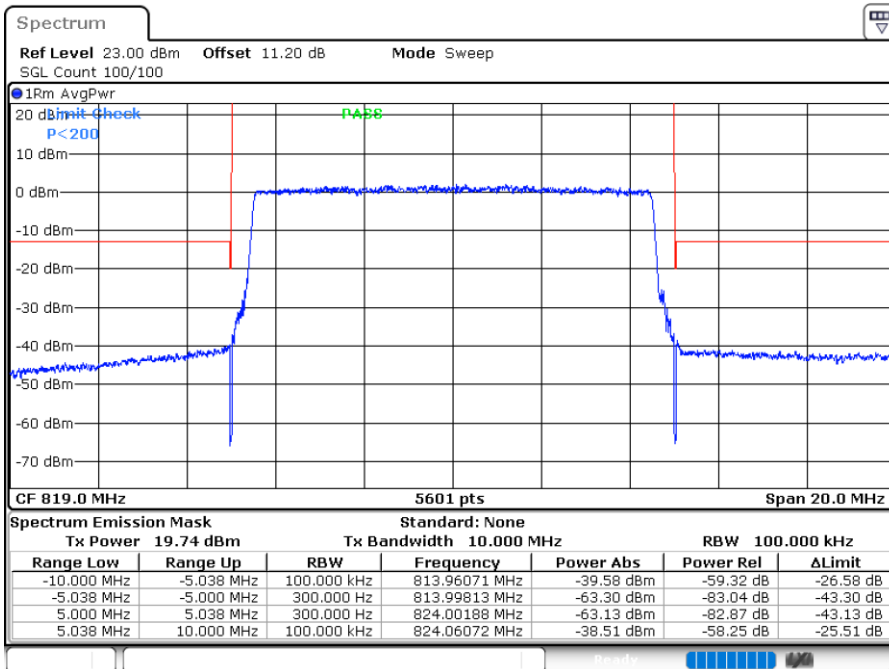
Date: 13.JUN.2020 23:41:51

Highest Band Edge / 1 RB



Date: 13.JUN.2020 23:42:21

Band Edge / Full RB

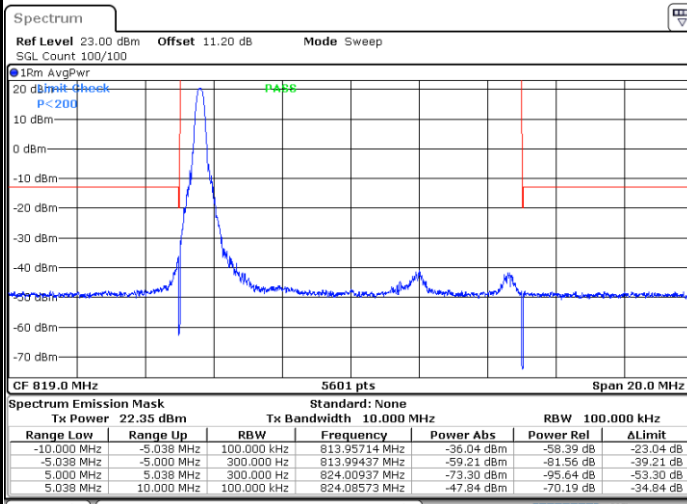


Date: 13.JUN.2020 23:42:50



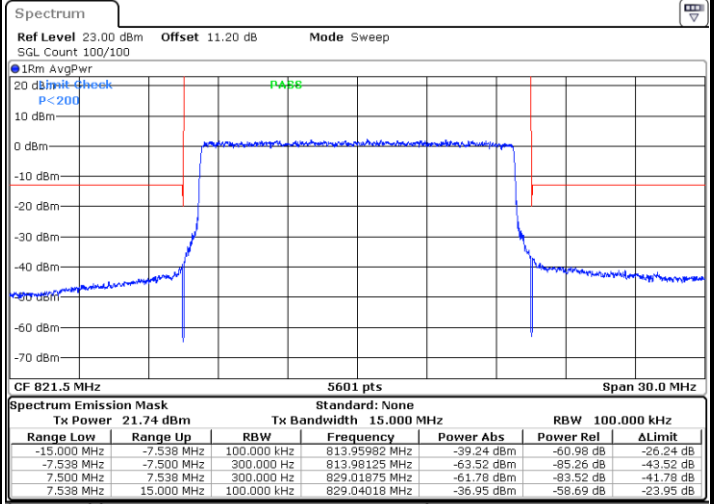
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 13 JUN 2020 23:31:54

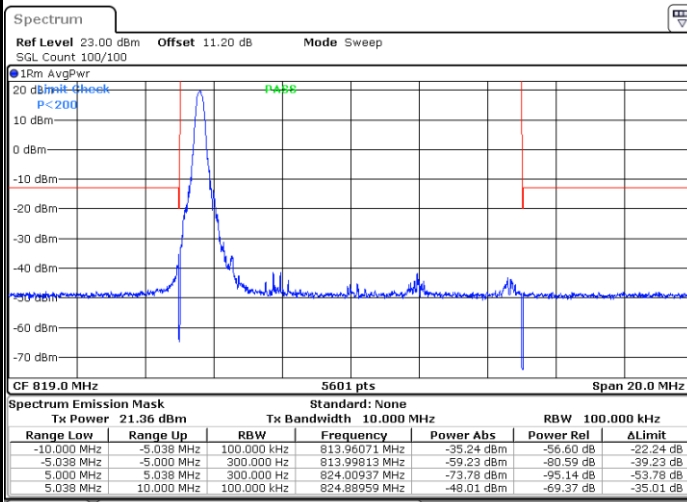
Lowest Band Edge / Full RB



Date: 13 JUN 2020 23:36:51

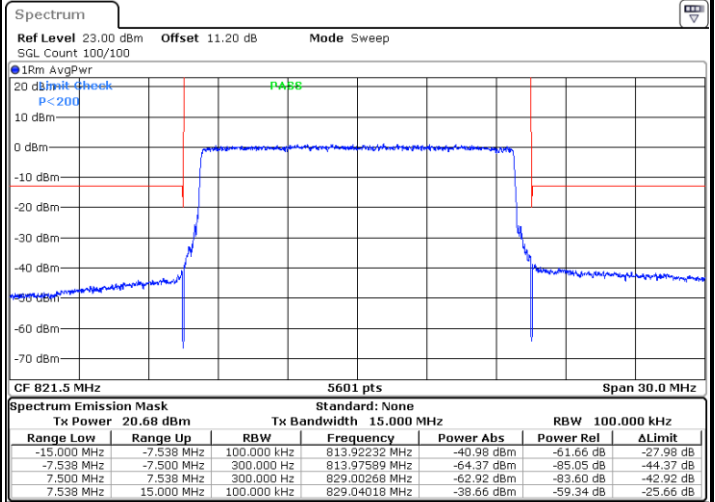
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 13 JUN 2020 23:32:24

Lowest Band Edge / Full RB

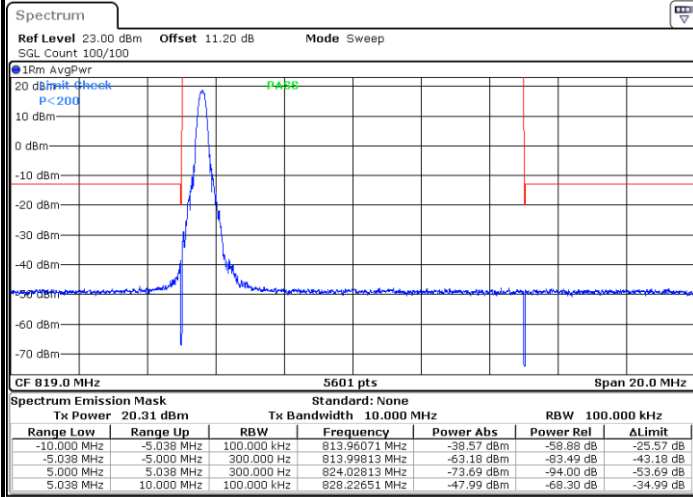


Date: 13 JUN 2020 23:37:21



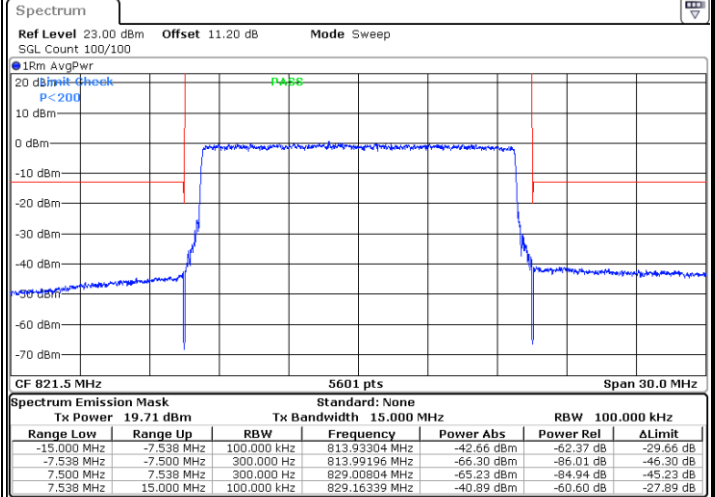
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 13 JUN 2020 23:41:51

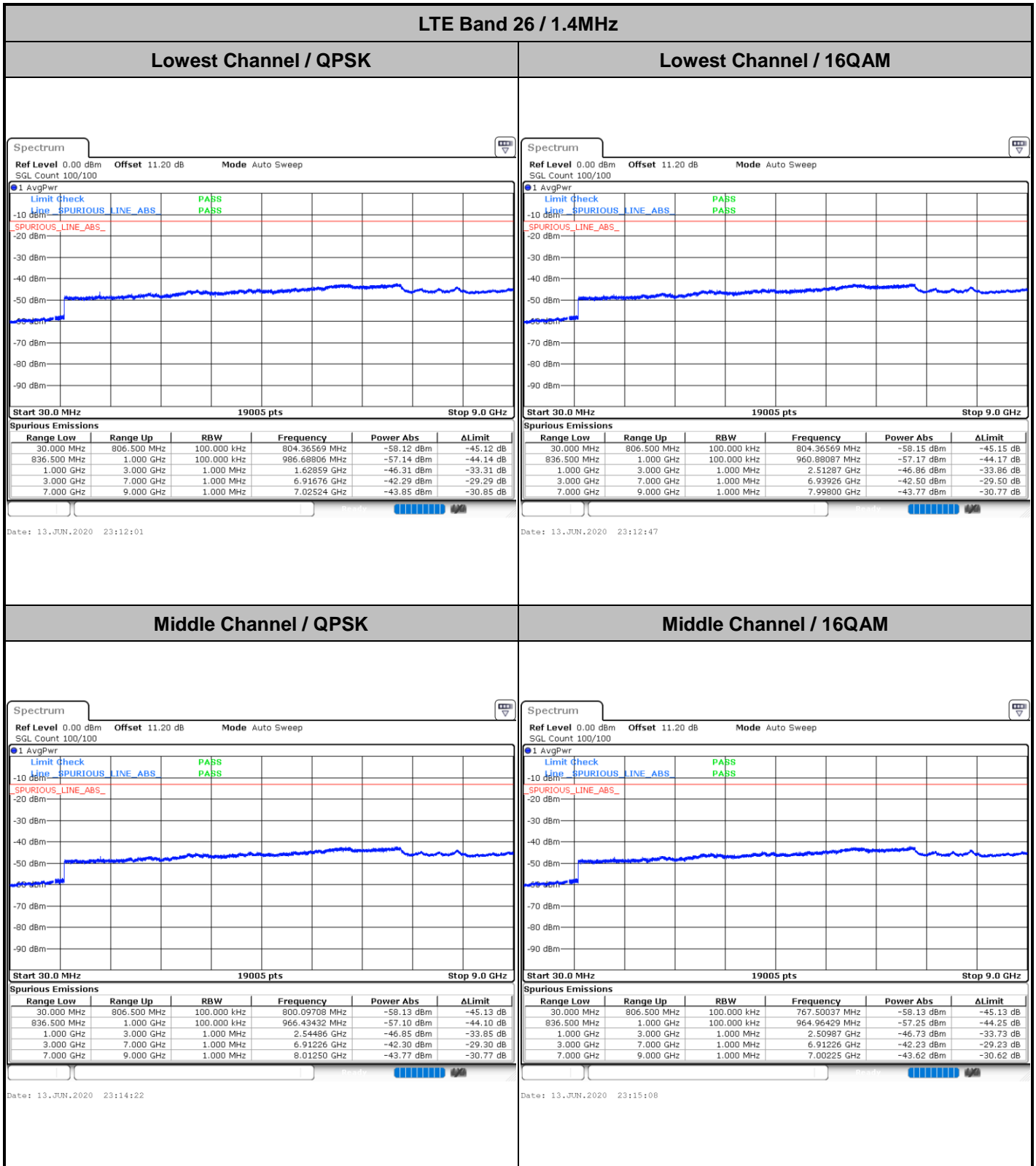
Lowest Band Edge / Full RB



Date: 13 JUN 2020 23:44:20



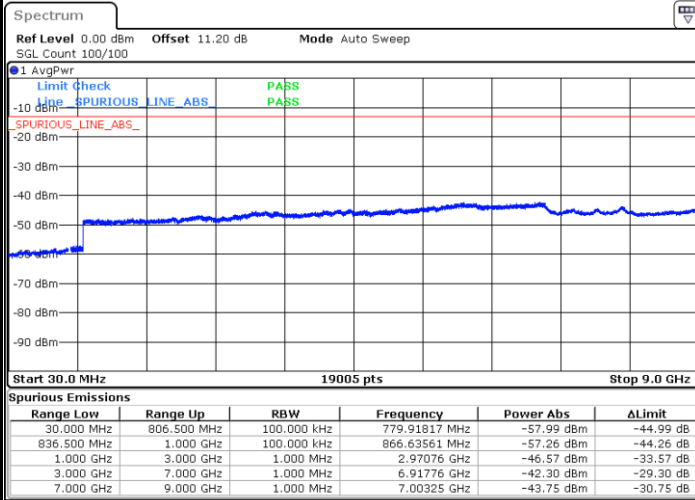
Emission masks – Out of band emissions





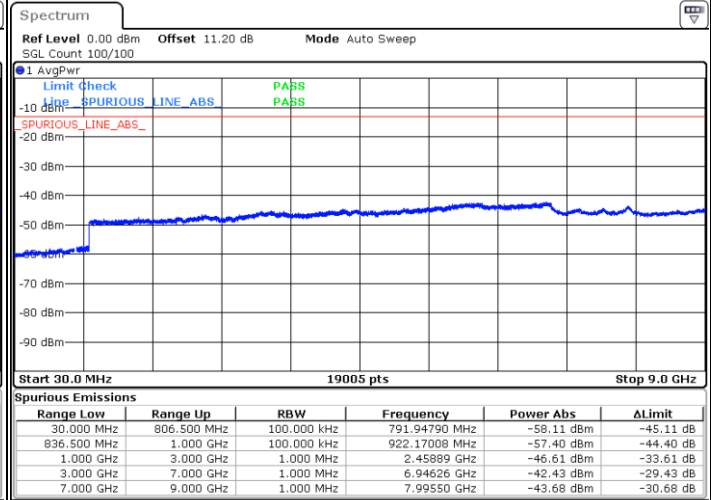
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 13 JUN.2020 23:16:42

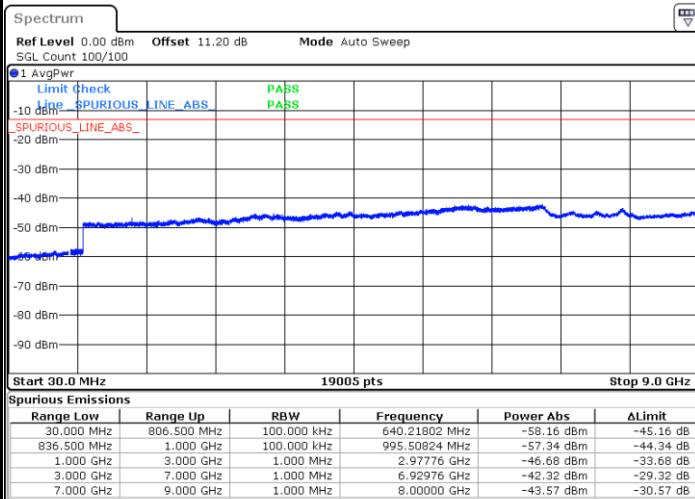
Highest Channel / 16QAM



Date: 13 JUN.2020 23:17:29

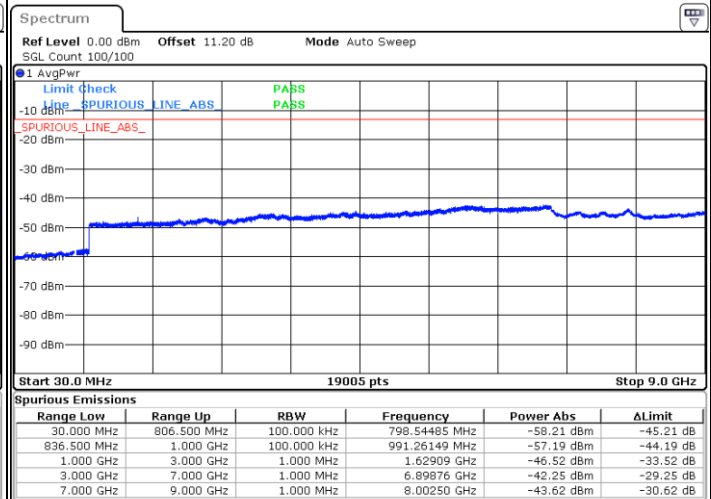
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 13 JUN.2020 23:56:50

Lowest Channel / 16QAM



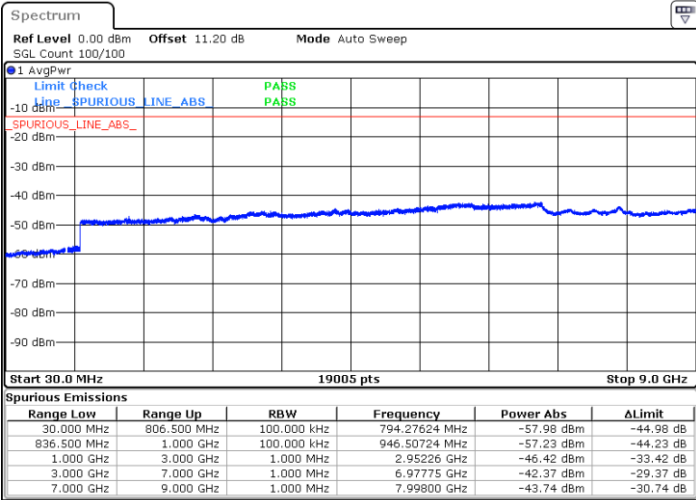
Date: 13 JUN.2020 23:57:37



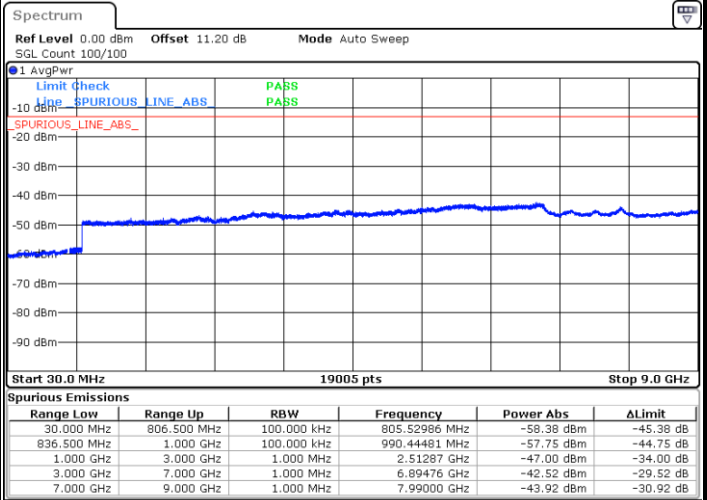
LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



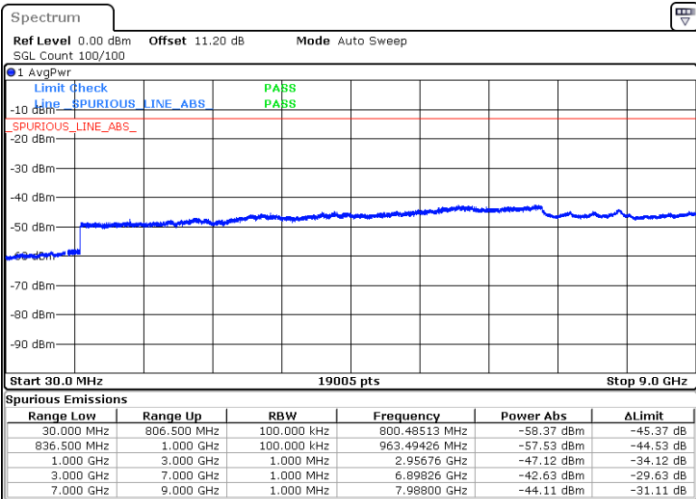
Date: 13.JUN.2020 23:59:11



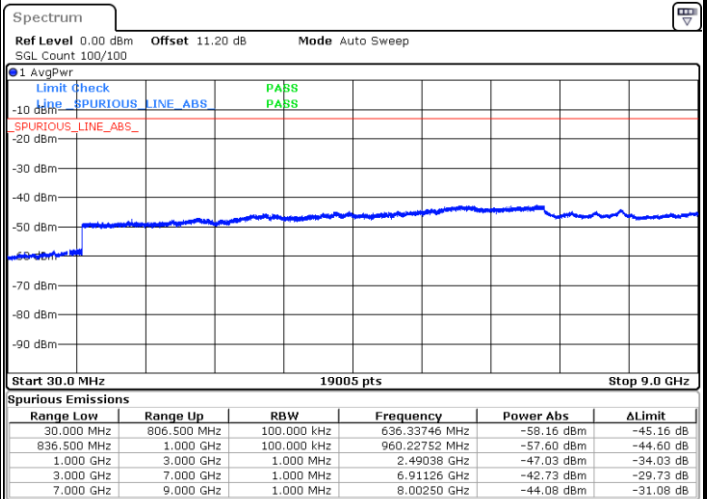
Date: 14.JUN.2020 10:49:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 14.JUN.2020 10:22:12



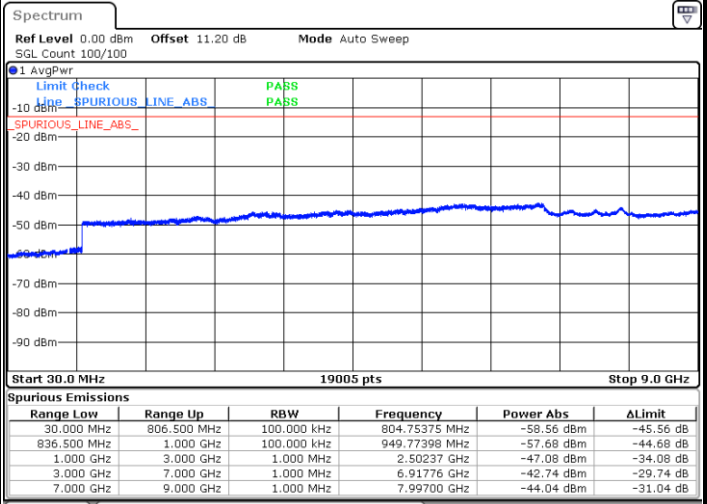
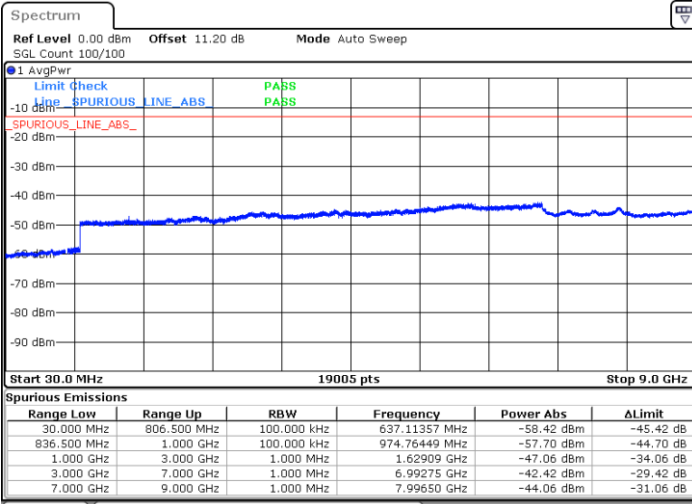
Date: 14.JUN.2020 10:22:58



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

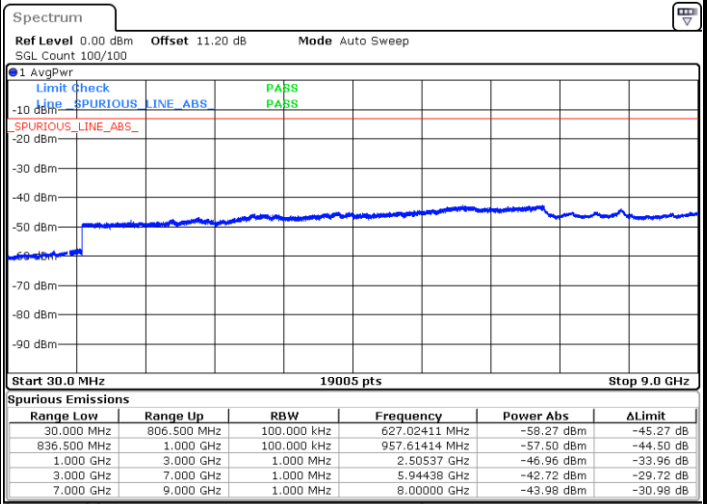
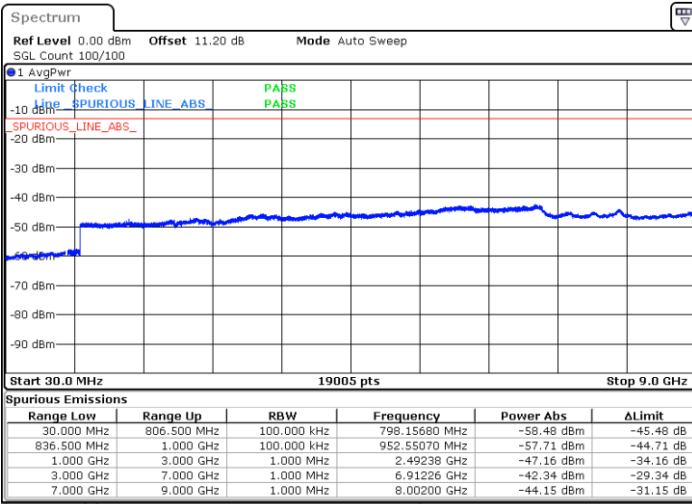


Date: 14.JUN.2020 10:24:33

Date: 14.JUN.2020 10:25:20

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14.JUN.2020 10:26:54

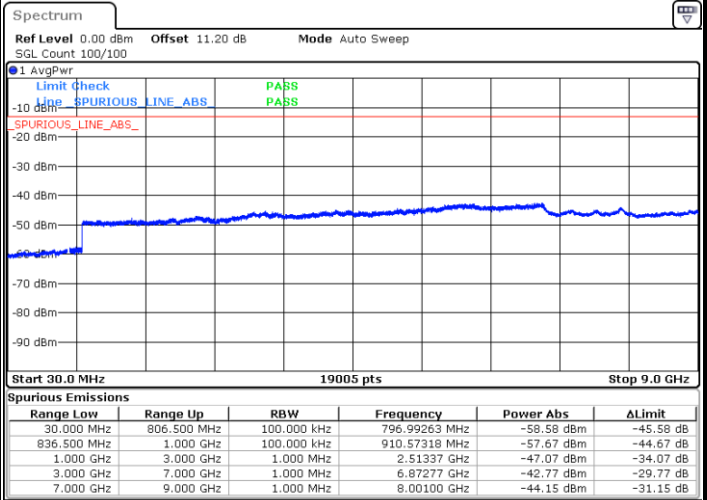
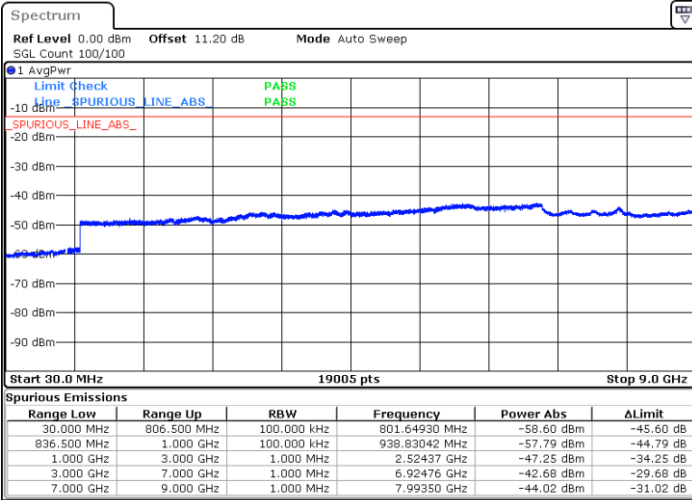
Date: 14.JUN.2020 10:27:40



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



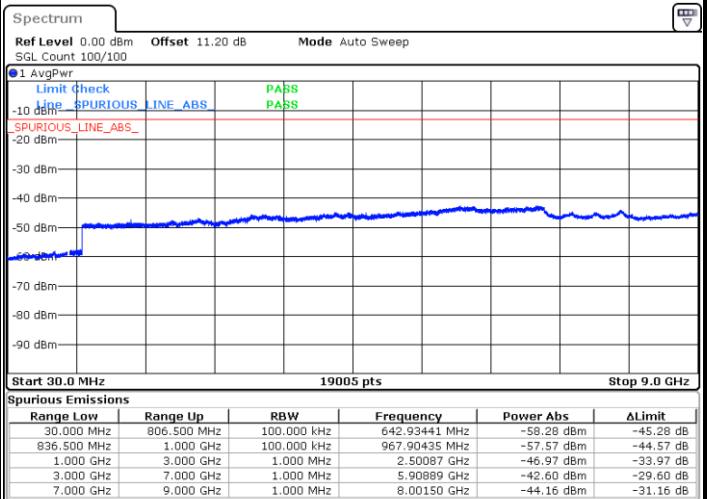
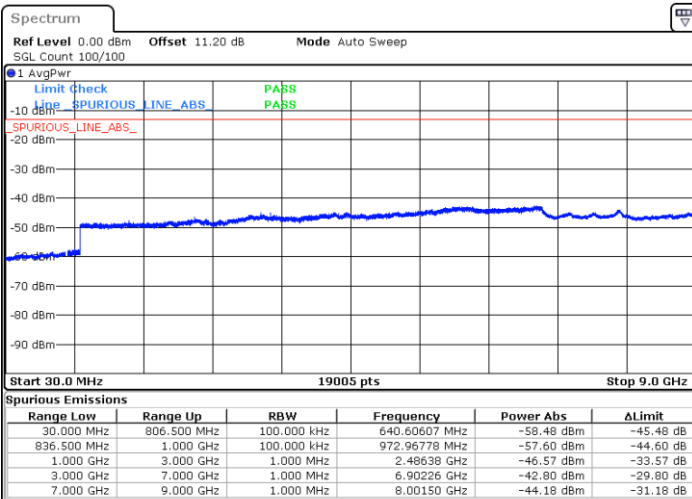
Date: 14 JUN.2020 10:29:14

Date: 14 JUN.2020 10:30:00

LTE Band 26 / 10MHz

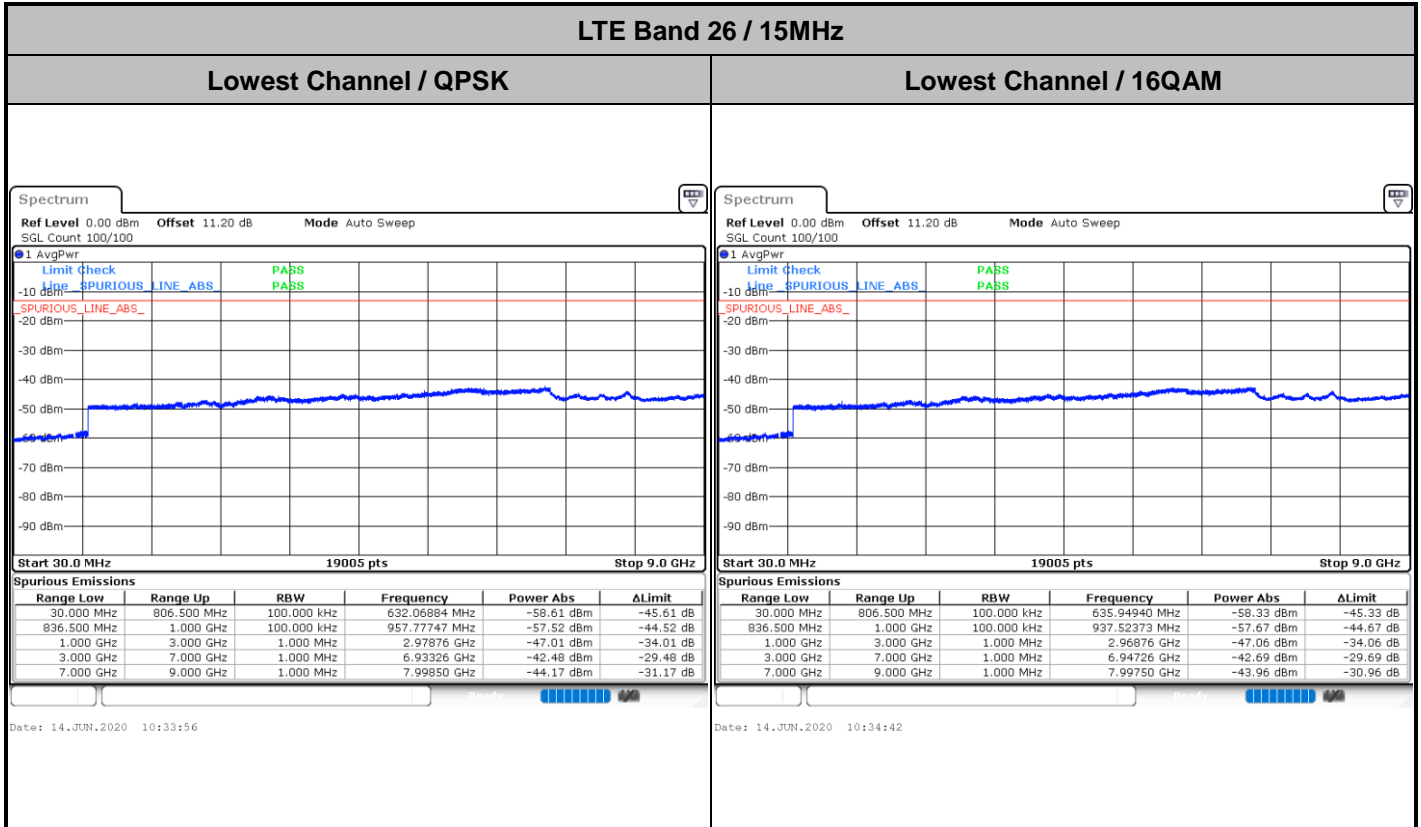
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14 JUN.2020 10:31:35

Date: 14 JUN.2020 10:32:21

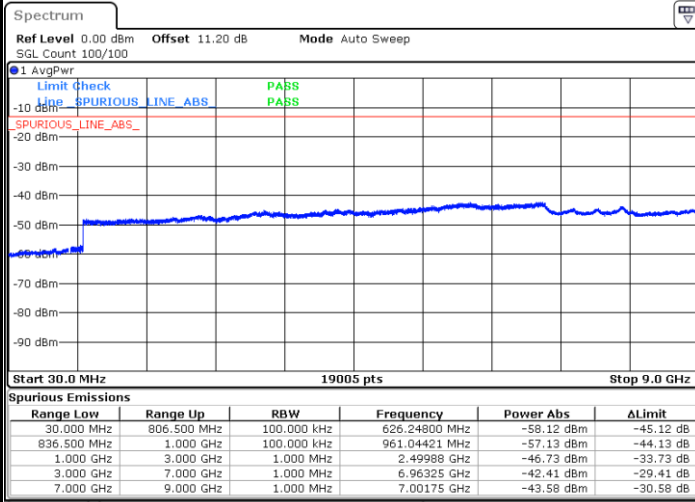




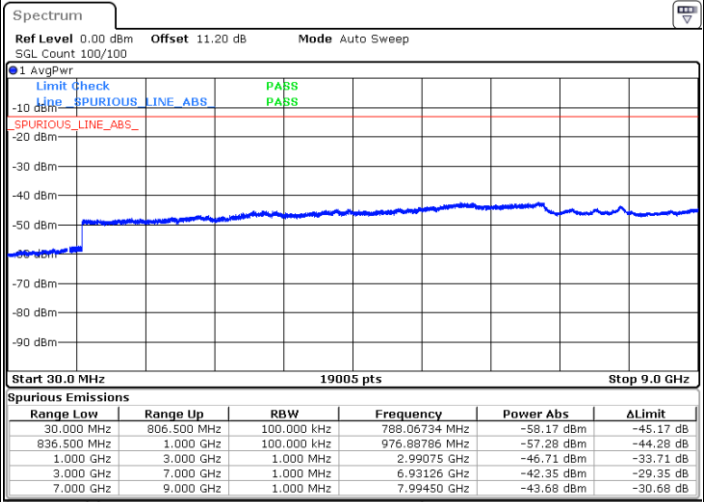
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

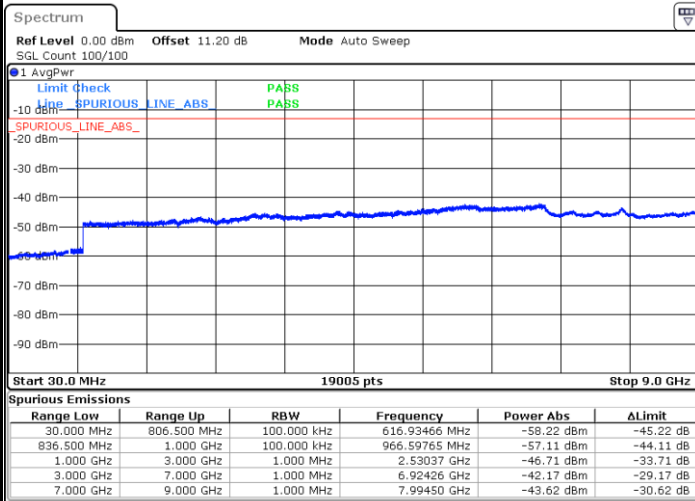


Date: 13.JUN.2020 23:08:07



Date: 13.JUN.2020 23:09:17

Highest Channel / 64QAM



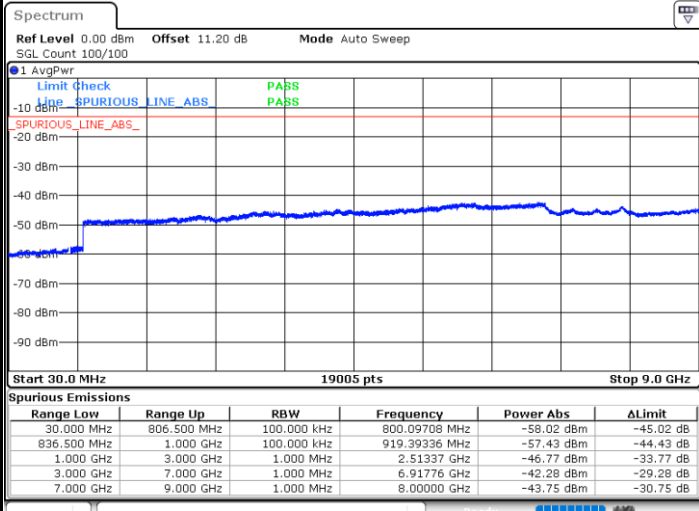
Date: 13.JUN.2020 23:10:27



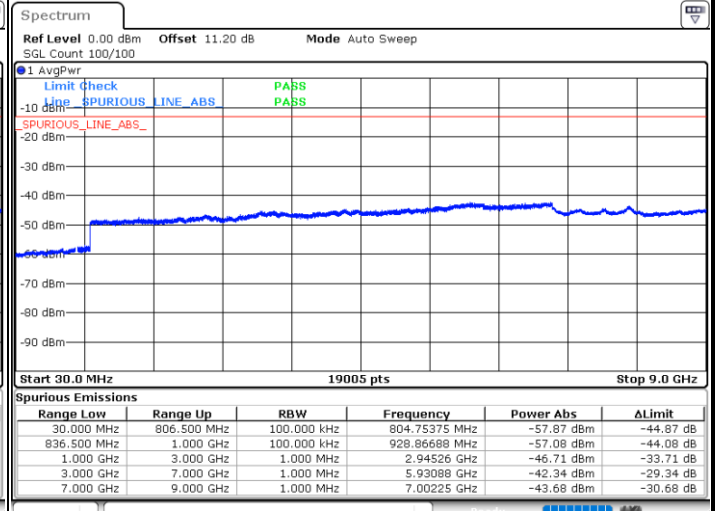
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

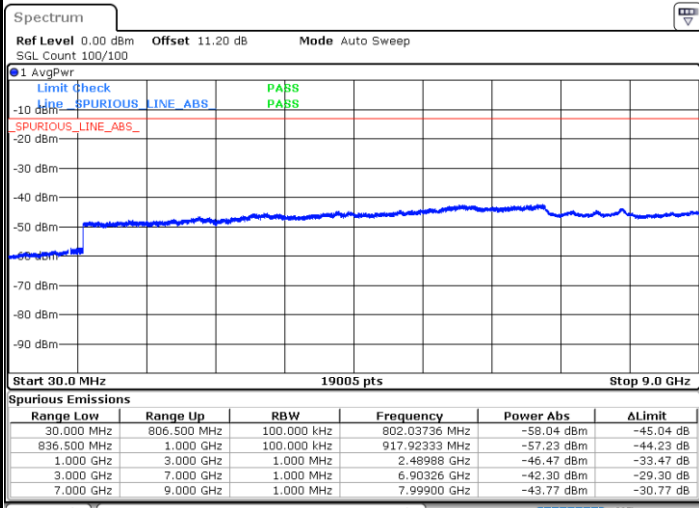


Date: 13 JUN.2020 23:45:31



Date: 13 JUN.2020 23:46:41

Highest Channel / 64QAM



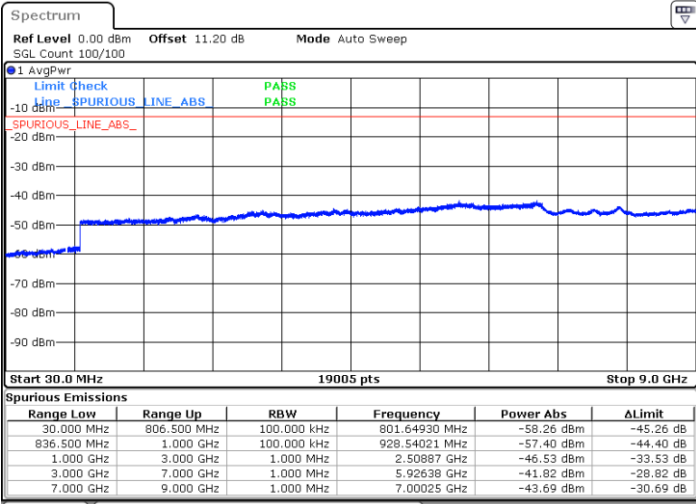
Date: 13 JUN.2020 23:47:51



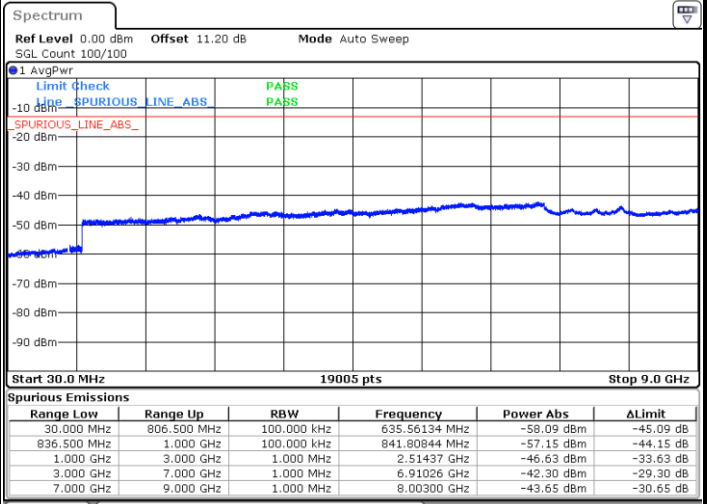
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

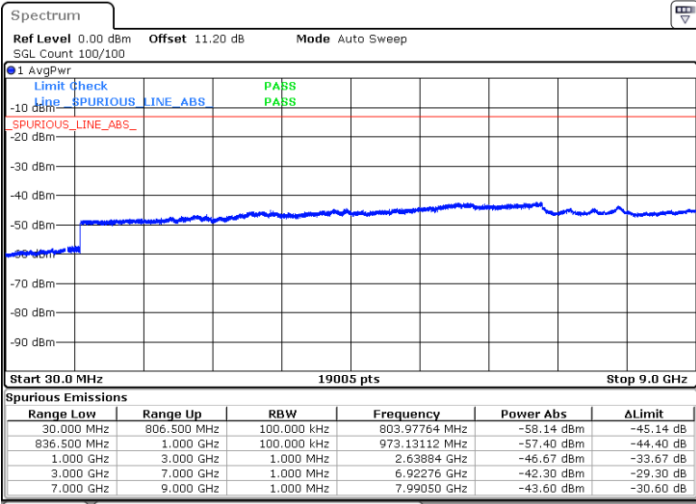


Date: 13 JUN.2020 23:49:01

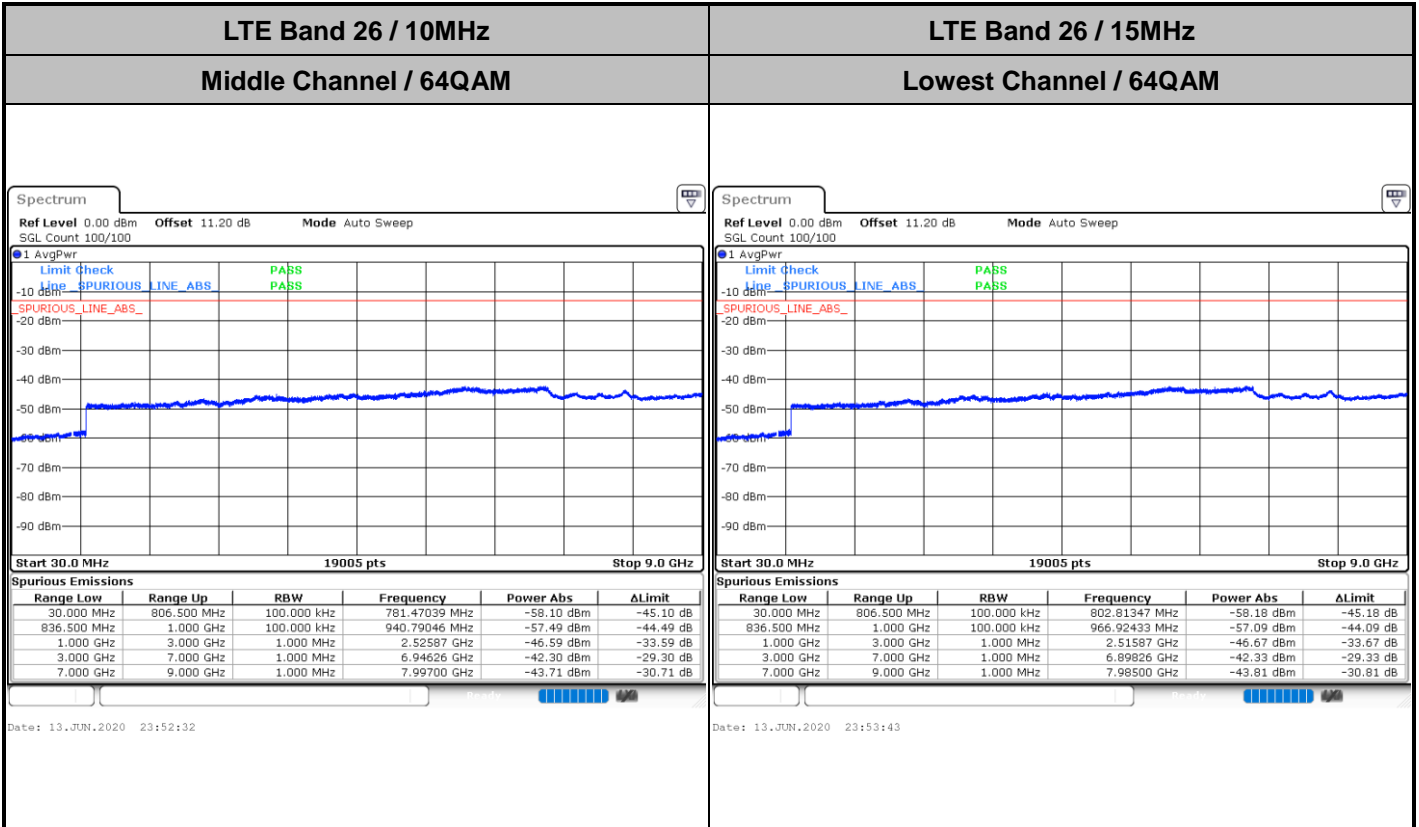


Date: 13 JUN.2020 23:50:12

Highest Channel / 64QAM



Date: 13 JUN.2020 23:51:22





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	0.0020	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>
<PT Antenna>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	22.67	0.1849	15.82	0.0382
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	37	21.95	0.1567	15.10	0.0324
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	20.96	0.1247	14.11	0.0258
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



<ASDIV Antenna>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	21.73	0.1489	12.18	0.0165
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	21.13	0.1297	11.58	0.0144
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	20.04	0.1009	10.49	0.0112
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

<Open Mode>

<PT Antenna>

<Ant. 1>

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	-63.76	-13	-50.76	-74.17	-70.67	0.52	9.58	H
	2443	-60.74	-13	-47.74	-74.77	-68.7	0.64	10.75	H
	3257	-58.87	-13	-45.87	-75.48	-67.84	0.75	11.87	H
									H
									H
									H
									H
	1628	-63.55	-13	-50.55	-73.77	-70.46	0.52	9.58	V
	2443	-60.34	-13	-47.34	-74.97	-68.3	0.64	10.75	V
	3257	-58.78	-13	-45.78	-75.53	-67.75	0.75	11.87	V
									V
									V
									V
									V



Middle	1633	-63.18	-13	-50.18	-73.59	-70.1	0.52	9.59	H
	2450	-61.12	-13	-48.12	-75.1	-69.08	0.64	10.76	H
	3267	-58.57	-13	-45.57	-75.18	-67.57	0.75	11.90	H
									H
									H
									H
									H
	1633	-63.69	-13	-50.69	-73.92	-70.61	0.52	9.59	V
	2450	-60.52	-13	-47.52	-75.1	-68.48	0.64	10.76	V
	3267	-58.88	-13	-45.88	-75.6	-67.88	0.75	11.90	V
									V
									V
									V
									V
Highest	1638	-63.18	-13	-50.18	-73.73	-70.11	0.52	9.60	H
	2458	-60.95	-13	-47.95	-74.95	-68.92	0.65	10.77	H
	3277	-58.80	-13	-45.80	-75.44	-67.83	0.75	11.93	H
									H
									H
									H
									H
	1638	-63.66	-13	-50.66	-73.9	-70.59	0.52	9.60	V
	2458	-60.37	-13	-47.37	-74.93	-68.34	0.65	10.77	V
	3277	-58.66	-13	-45.66	-75.36	-67.69	0.75	11.93	V
									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	1629	-63.24	-13	-50.24	-73.65	-70.15	0.52	9.58	H
	2443	-61.02	-13	-48.02	-75.05	-68.98	0.64	10.75	H
	3258	-58.55	-13	-45.55	-75.16	-67.52	0.75	11.87	H
									H
									H
									H
									H
	1629	-63.79	-13	-50.79	-74.01	-70.7	0.52	9.58	V
	2443	-60.43	-13	-47.43	-75.05	-68.39	0.64	10.75	V
	3258	-58.13	-13	-45.13	-74.88	-67.1	0.75	11.87	V
									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	1629	-63.43	-13	-50.43	-73.84	-70.34	0.52	9.58	H
	2448	-61.21	-13	-48.21	-75.24	-69.17	0.64	10.76	H
	3259	-58.93	-13	-45.93	-75.54	-67.91	0.75	11.88	H
									H
									H
									H
									H
	1629	-63.46	-13	-50.46	-73.68	-70.37	0.52	9.58	V
	2448	-59.95	-13	-46.95	-74.57	-67.91	0.64	10.76	V
	3259	-58.56	-13	-45.56	-75.3	-67.54	0.75	11.88	V
									V
									V
									V
									V

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



<ASDIV Antenna>

<Ant. 2>

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	-62.65	-13	-49.65	-73.06	-69.56	0.52	9.58	H
	2443	-53.91	-13	-40.91	-67.94	-61.87	0.64	10.75	H
	3257	-57.96	-13	-44.96	-74.57	-66.93	0.75	11.87	H
									H
									H
									H
									H
	1628	-62.55	-13	-49.55	-72.77	-69.46	0.52	9.58	V
	2443	-52.33	-13	-39.33	-66.96	-60.29	0.64	10.75	V
	3257	-57.74	-13	-44.74	-74.49	-66.71	0.75	11.87	V
									V
									V
									V
									V



Middle	1633	-62.61	-13	-49.61	-73.02	-69.53	0.52	9.59	H
	2450	-55.02	-13	-42.02	-69	-62.98	0.64	10.76	H
	3267	-57.15	-13	-44.15	-73.76	-66.15	0.75	11.90	H
									H
									H
									H
									H
	1633	-62.84	-13	-49.84	-73.07	-69.76	0.52	9.59	V
	2450	-53.48	-13	-40.48	-68.06	-61.44	0.64	10.76	V
	3267	-57.65	-13	-44.65	-74.37	-66.65	0.75	11.90	V
									V
									V
									V
									V
Highest	1638	-62.45	-13	-49.45	-73	-69.38	0.52	9.60	H
	2458	-50.04	-13	-37.04	-64.04	-58.01	0.65	10.77	H
	3277	-57.45	-13	-44.45	-74.09	-66.48	0.75	11.93	H
									H
									H
									H
									H
	1638	-62.74	-13	-49.74	-72.98	-69.67	0.52	9.60	V
	2458	-50.27	-13	-37.27	-64.83	-58.24	0.65	10.77	V
	3277	-57.75	-13	-44.75	-74.45	-66.78	0.75	11.93	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	1629	-62.55	-13	-49.55	-72.96	-69.46	0.52	9.58	H
	2443	-56.43	-13	-43.43	-70.46	-64.39	0.64	10.75	H
	3258	-57.63	-13	-44.63	-74.24	-66.6	0.75	11.87	H
									H
									H
									H
									H
	1629	-62.93	-13	-49.93	-73.15	-69.84	0.52	9.58	V
	2443	-56.37	-13	-43.37	-70.99	-64.33	0.64	10.75	V
	3258	-57.57	-13	-44.57	-74.32	-66.54	0.75	11.87	V
									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	1629	-62.81	-13	-49.81	-73.22	-69.72	0.52	9.58	H
	2448	-57.66	-13	-44.66	-71.65	-65.62	0.64	10.76	H
	3259	-57.90	-13	-44.90	-74.51	-66.88	0.75	11.88	H
									H
									H
									H
									H
	1629	-62.66	-13	-49.66	-72.88	-69.57	0.52	9.58	V
	2448	-55.14	-13	-42.14	-69.74	-63.1	0.64	10.76	V
	3259	-57.74	-13	-44.74	-74.48	-66.72	0.75	11.88	V
									V
									V
									V
									V

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

—————THE END—————