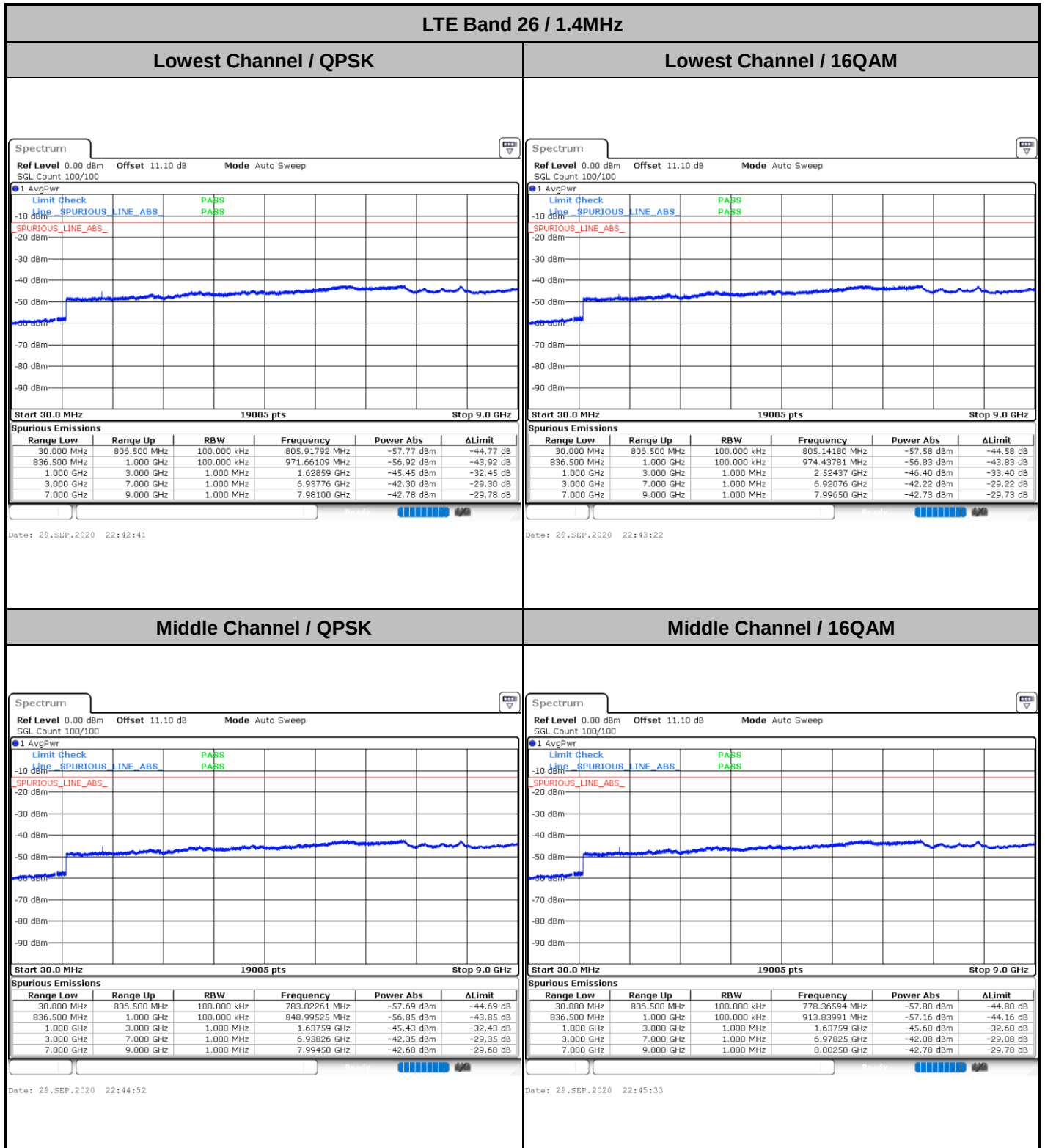
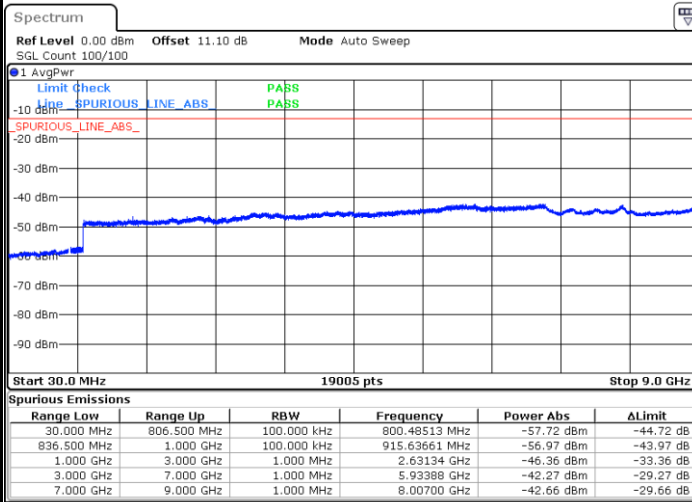


**Emission masks – Out of band emissions**



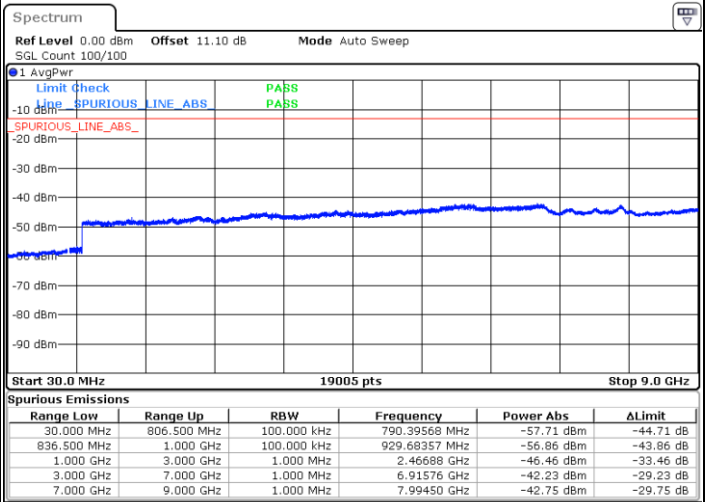
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 29.SEP.2020 22:47:02

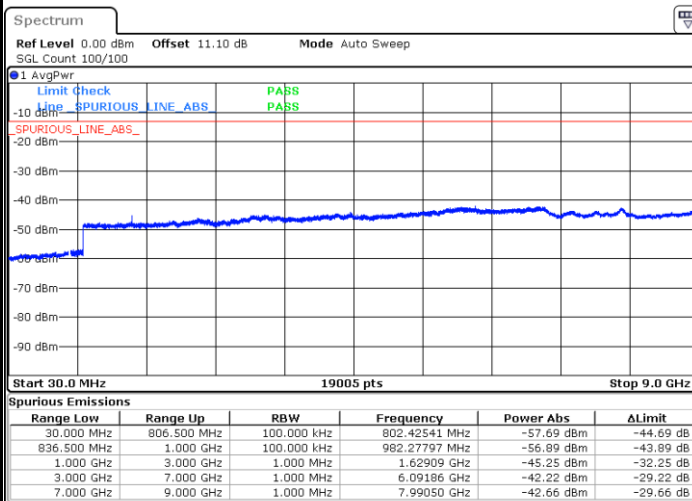
Highest Channel / 16QAM



Date: 29.SEP.2020 22:47:44

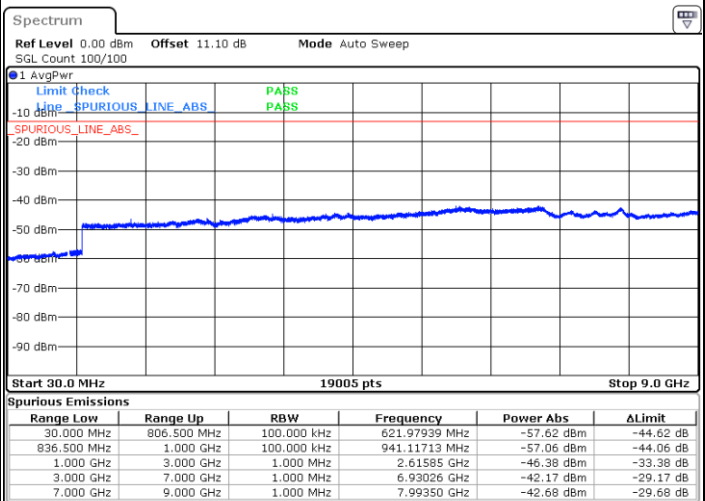
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 29.SEP.2020 23:07:06

Lowest Channel / 16QAM

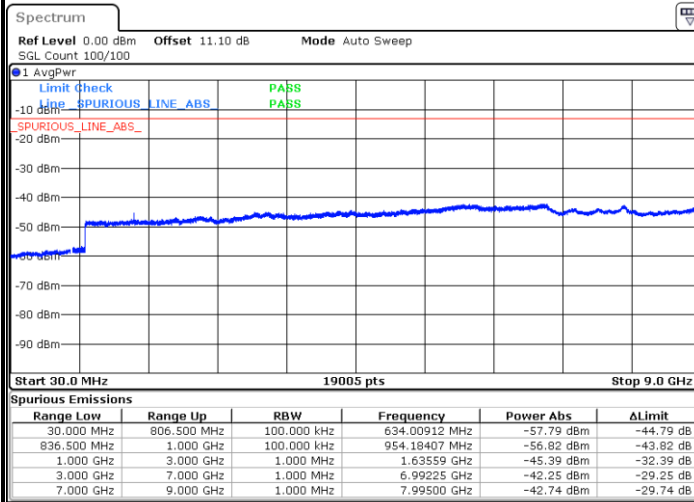


Date: 29.SEP.2020 23:07:48



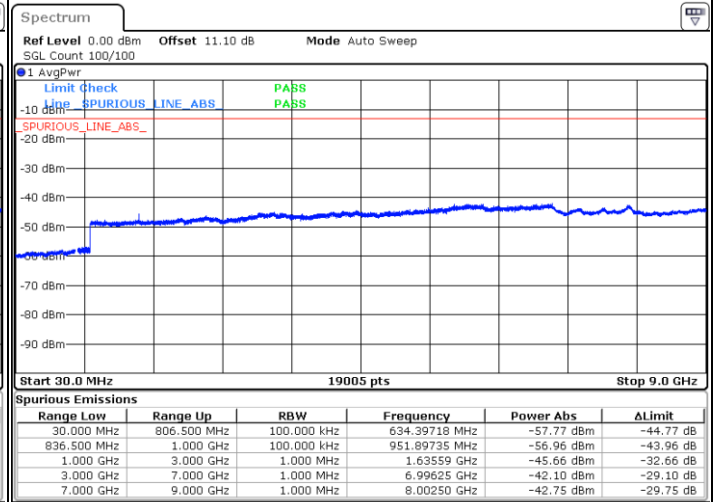
LTE Band 26 / 3MHz

Middle Channel / QPSK



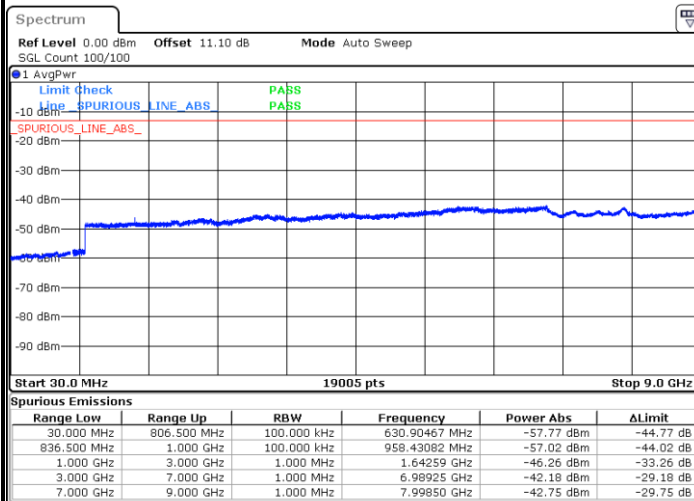
Date: 29.SEP.2020 23:09:17

Middle Channel / 16QAM



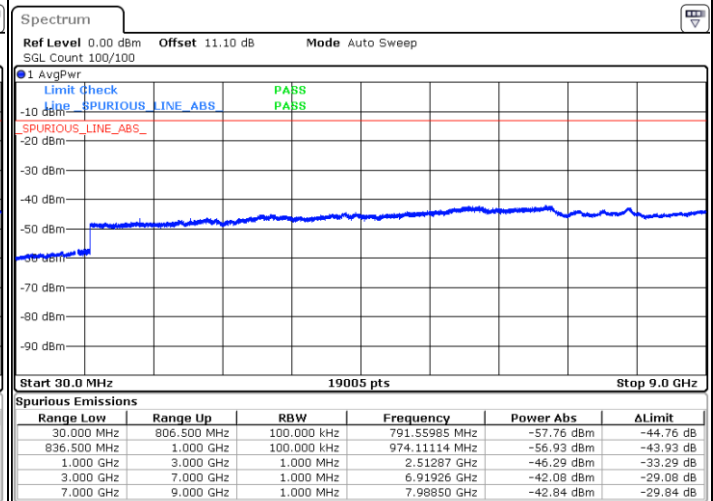
Date: 29.SEP.2020 23:09:59

Highest Channel / QPSK



Date: 29.SEP.2020 23:11:28

Highest Channel / 16QAM

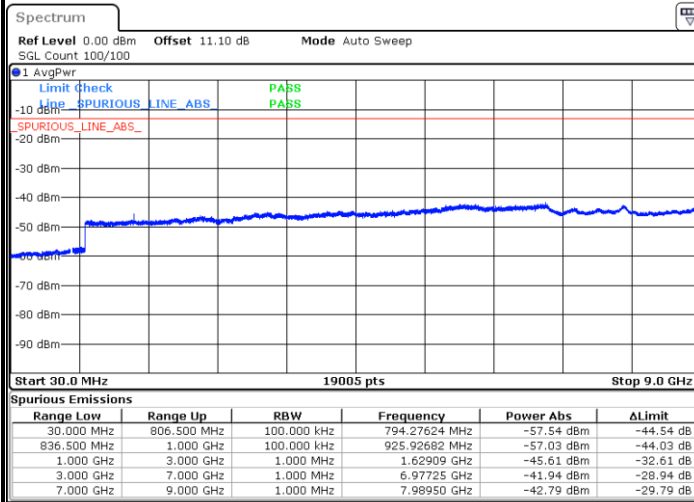


Date: 29.SEP.2020 23:12:10



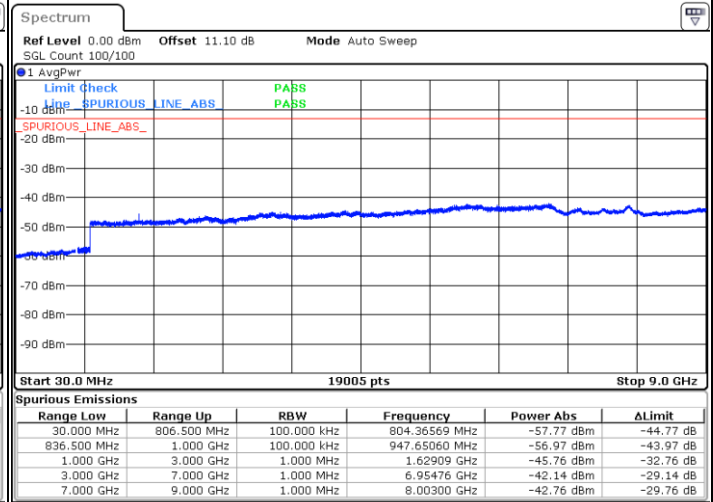
LTE Band 26 / 5MHz

Lowest Channel / QPSK



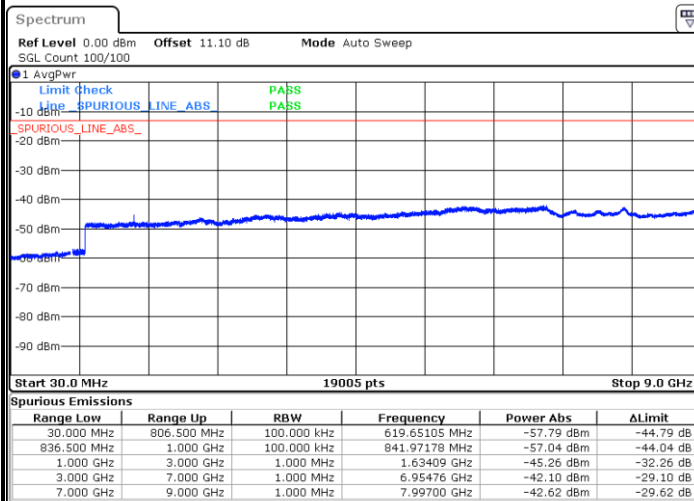
Date: 29.SEP.2020 23:13:40

Lowest Channel / 16QAM



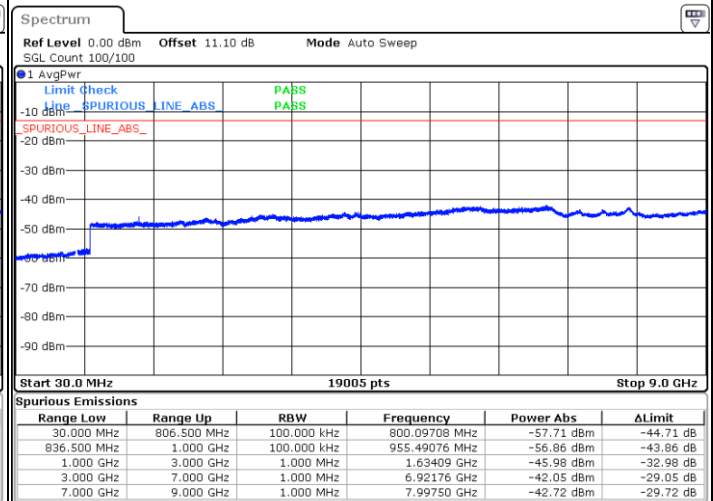
Date: 29.SEP.2020 23:14:21

Middle Channel / QPSK



Date: 29.SEP.2020 23:15:50

Middle Channel / 16QAM

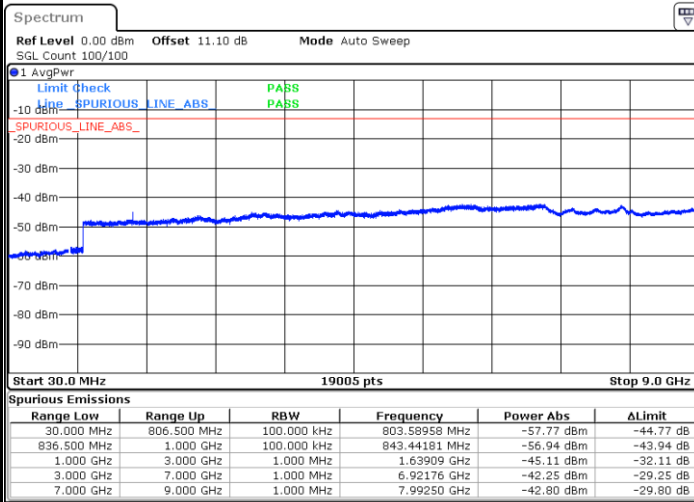


Date: 29.SEP.2020 23:16:32



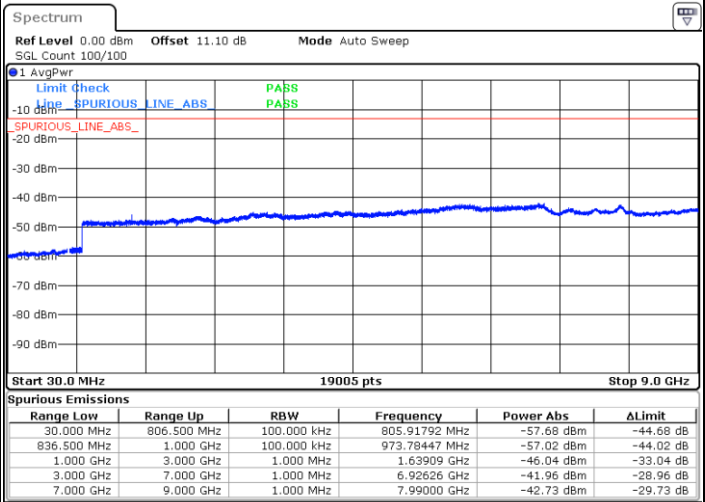
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 29.SEP.2020 23:18:01

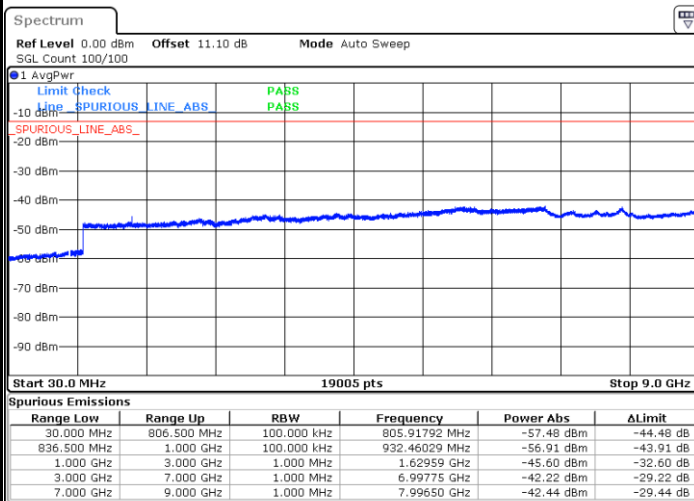
Highest Channel / 16QAM



Date: 29.SEP.2020 23:18:43

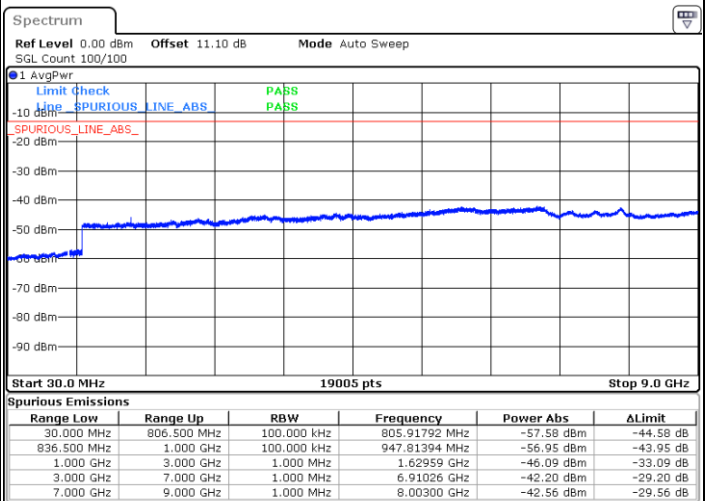
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 29.SEP.2020 23:20:13

Middle Channel / 16QAM

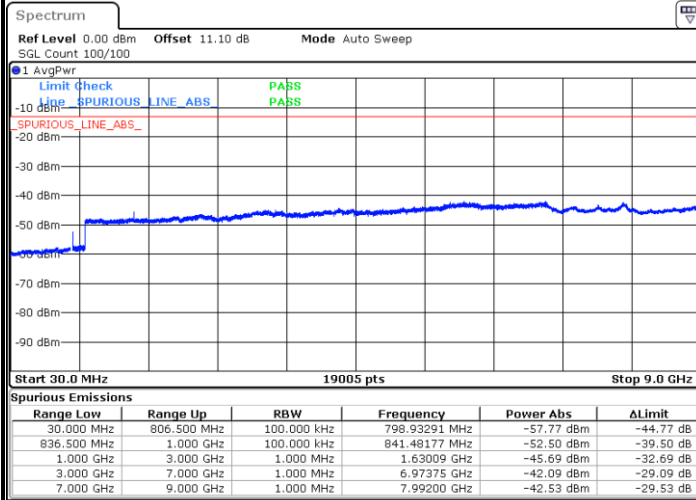


Date: 29.SEP.2020 23:20:55



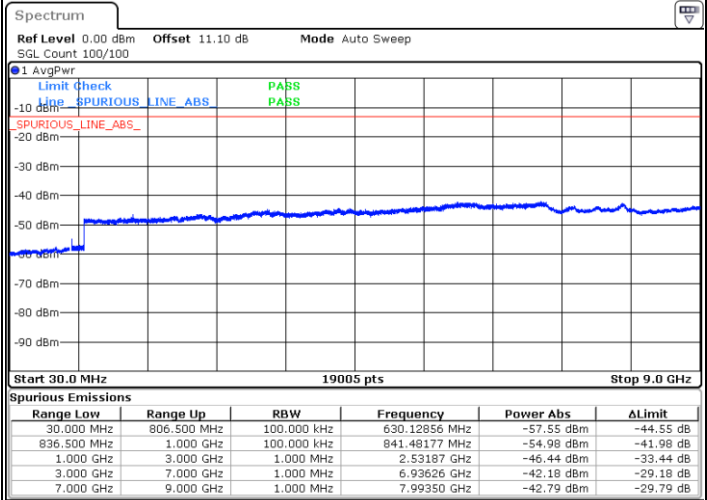
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 29.SEP.2020 23:22:24

Lowest Channel / 16QAM



Date: 29.SEP.2020 23:23:06

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	0.0150	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0094	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0150	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0150	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0149	

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =7.0 V. ; Maximum Voltage =8.4 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	0.0035	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0136	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0075	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0089	
20	Maximum Voltage	0.0130	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0164	

Note:

1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =7.0 V. ; Maximum Voltage =8.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = 0.06 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.70	0.2344	21.61	0.1449
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	22.87	0.1936	20.78	0.1197
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	

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

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	1624	-52.31	-13	-39.31	-63.23	-58.08	0.68	8.60	H
	2440	-45.95	-13	-32.95	-61.83	-53.57	0.94	10.72	H
	3256	-47.83	-13	-34.83	-66.01	-56.25	1.19	11.76	H
									H
									H
									H
									H
	1624	-52.77	-13	-39.77	-63.55	-58.54	0.68	8.60	V
	2440	-48.03	-13	-35.03	-63.98	-55.65	0.94	10.72	V
	3256	-47.22	-13	-34.22	-65.37	-55.64	1.19	11.76	V
									V
									V
									V
									V
Middle	1632	-47.56	-13	-34.56	-58.53	-53.35	0.68	8.63	H
	2456	-32.81	-13	-19.81	-48.69	-40.45	0.94	10.74	H
	3272	-48.15	-13	-35.15	-66.29	-56.60	1.20	11.80	H
									H
									H
									H
									H
	1632	-49.36	-13	-36.36	-60.19	-55.15	0.68	8.63	V
	2456	-38.82	-13	-25.82	-54.74	-46.46	0.94	10.74	V
	3272	-48.54	-13	-35.54	-66.6	-56.99	1.20	11.80	V
									V
									V



Highest	1640	-50.57	-13	-37.57	-61.57	-56.39	0.69	8.66	H
	2560	-48.38	-13	-35.38	-64.32	-56.11	0.97	10.85	H
	3288	-48.44	-13	-35.44	-66.54	-56.92	1.20	11.83	H
									H
									H
									H
									H
	1640	-50.11	-13	-37.11	-60.98	-55.93	0.69	8.66	V
	2560	-48.82	-13	-35.82	-65.21	-56.55	0.97	10.85	V
	3288	-48.24	-13	-35.24	-66.21	-56.72	1.20	11.83	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	1635	-52.74	-13	-39.74	-63.72	-58.54	0.69	8.64	H
	2444	-49.04	-13	-36.04	-64.93	-56.67	0.94	10.72	H
	3256	-48.07	-13	-35.07	-66.25	-56.49	1.19	11.76	H
									H
									H
									H
									H
	1635	-53.00	-13	-40.00	-63.84	-58.80	0.69	8.64	V
	2444	-49.43	-13	-36.43	-65.38	-57.06	0.94	10.72	V
	3256	-48.25	-13	-35.25	-66.4	-56.67	1.19	11.76	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	1630	-53.75	-13	-40.75	-64.7	-59.54	0.68	8.62	H
	2445	-49.07	-13	-36.07	-64.96	-56.70	0.94	10.72	H
	3259	-48.07	-13	-35.07	-66.24	-56.50	1.19	11.77	H
									H
									H
									H
									H
	1630	-53.43	-13	-40.43	-64.24	-59.22	0.68	8.62	V
	2445	-48.78	-13	-35.78	-64.73	-56.41	0.94	10.72	V
	3259	-47.34	-13	-34.34	-65.47	-55.77	1.19	11.77	V
									V
									V
									V
									V

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