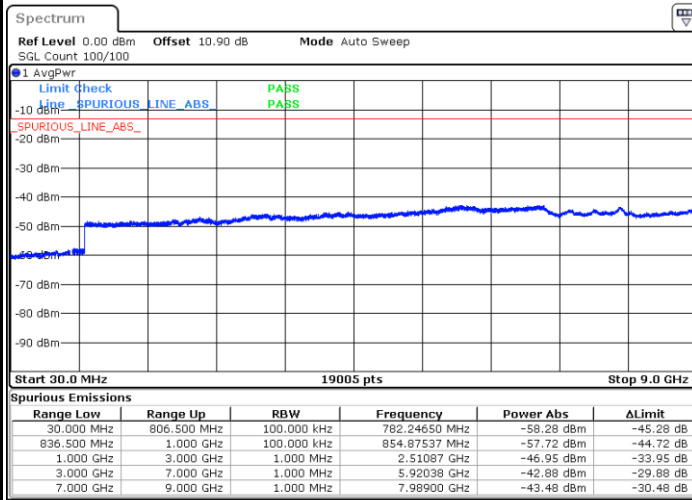




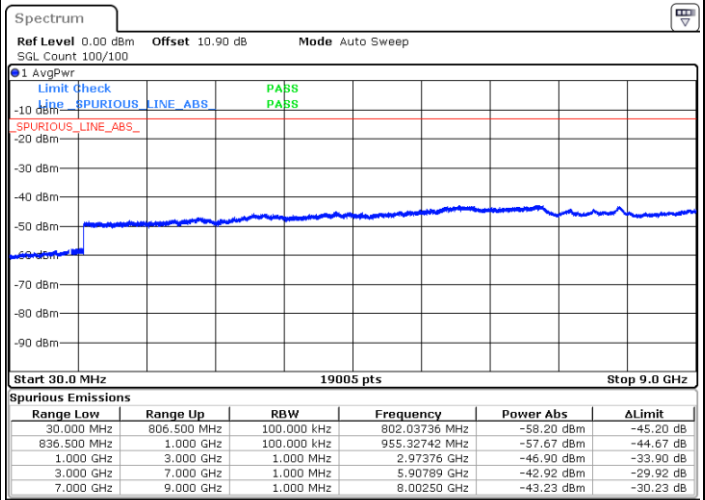
LTE Band 26 / 3MHz

Lowest Channel / 256QAM



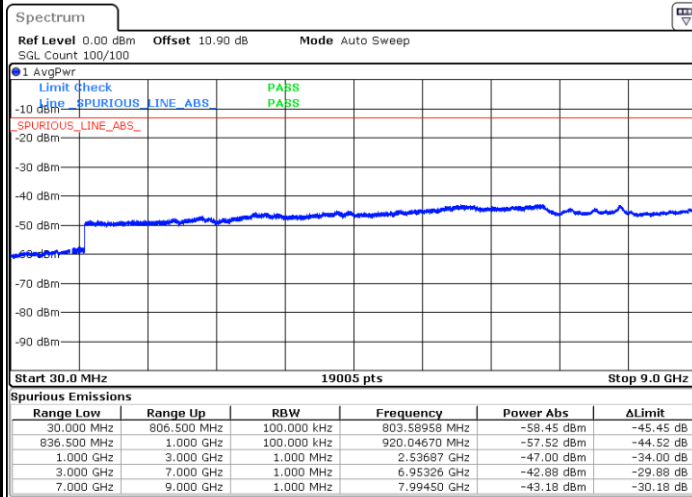
Date: 9.AUG.2020 20:58:57

Middle Channel / 256QAM



Date: 9.AUG.2020 20:56:55

Highest Channel / 256QAM

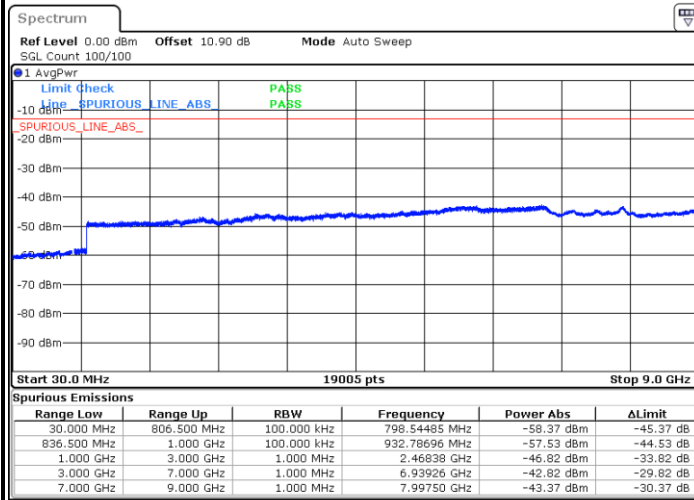


Date: 9.AUG.2020 21:00:35



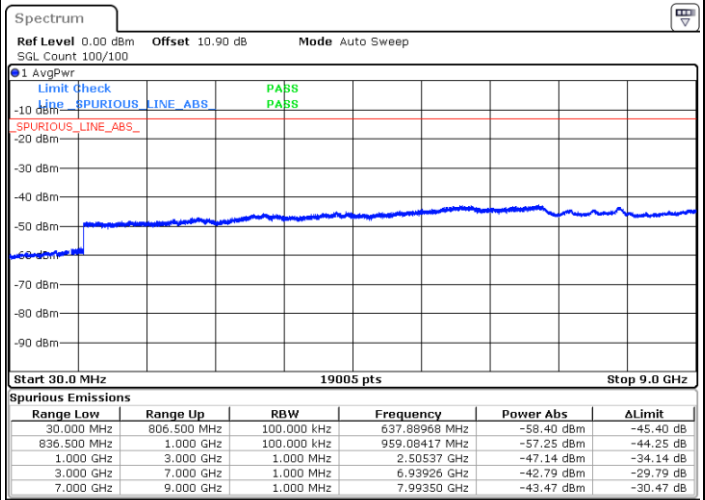
LTE Band 26 / 5MHz

Lowest Channel / 256QAM



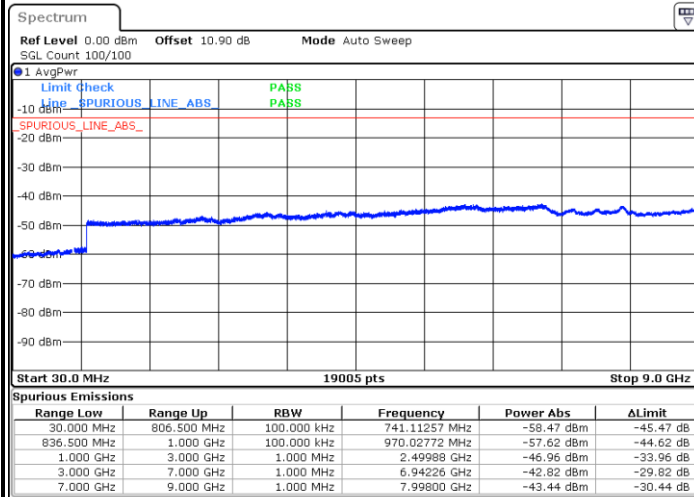
Date: 9.AUG.2020 21:04:33

Middle Channel / 256QAM

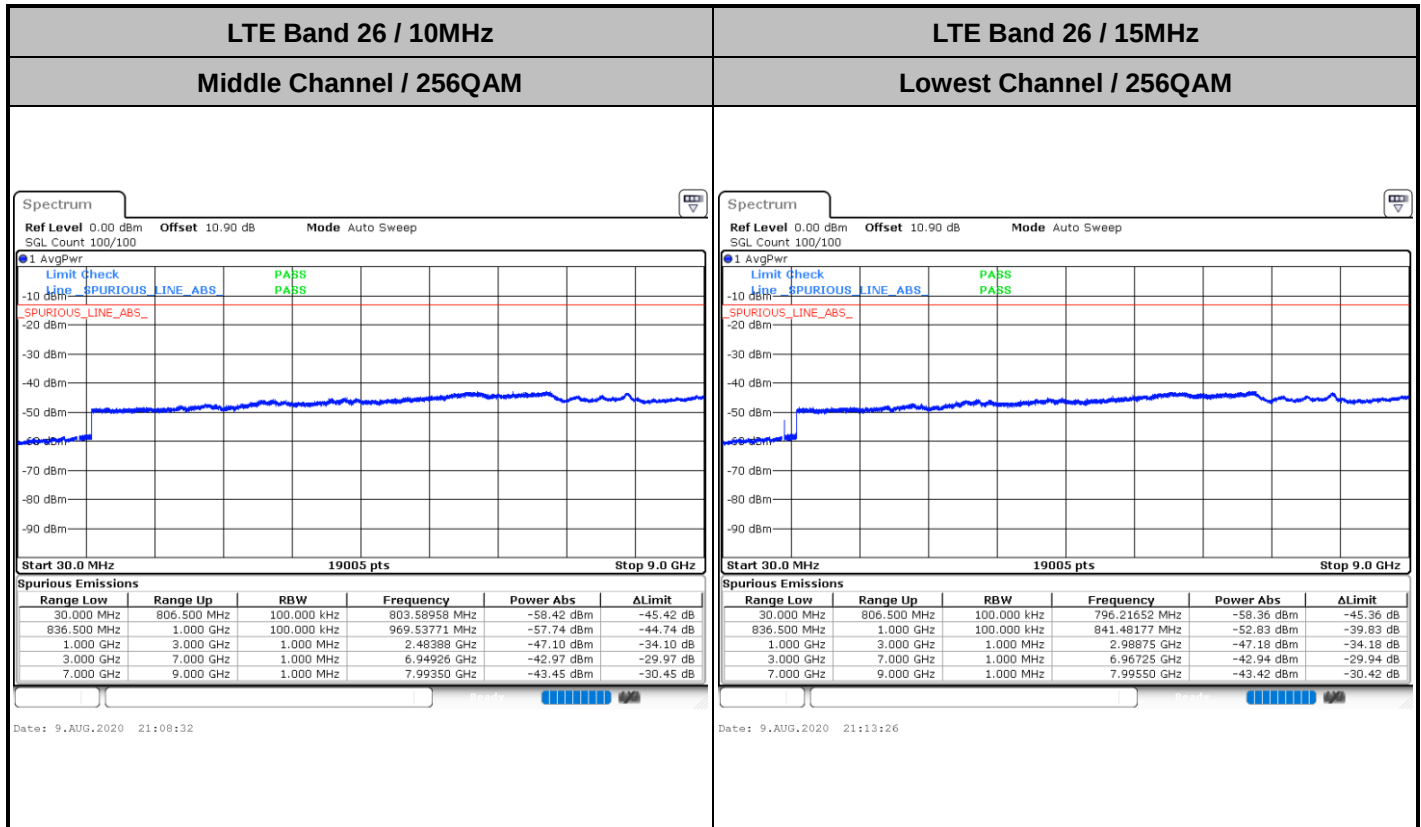


Date: 9.AUG.2020 21:02:21

Highest Channel / 256QAM



Date: 9.AUG.2020 21:06:12



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	0.0161	PASS
40	Normal Voltage	0.0147	
30	Normal Voltage	0.0093	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0074	
0	Normal Voltage	0.0094	
-10	Normal Voltage	0.0104	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0082	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0155	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.25 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 = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.68	0.2333	21.63	0.1455
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	23.00	0.1995	20.95	0.1245
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	21.86	0.1535	19.81	0.0957
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	256QAM	1	0	18.76	0.0752	16.71	0.0469
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	1631	-62.00	-13	-49.00	-70.37	-67.53	0.91	8.60	H
	2447	-58.70	-13	-45.70	-72.14	-66.04	1.14	10.63	H
	3262	-57.37	-13	-44.37	-72.77	-65.83	1.32	11.93	H
									H
									H
	1631	-61.48	-13	-48.48	-69.38	-67.01	0.91	8.60	V
	2447	-58.75	-13	-45.75	-72.28	-66.09	1.14	10.63	V
	3262	-56.87	-13	-43.87	-72.76	-65.33	1.32	11.93	V
									V
									V
Middle	1638	-63.33	-13	-50.33	-71.71	-68.89	0.92	8.62	H
	2457	-59.00	-13	-46.00	-72.46	-66.35	1.14	10.64	H
	3276	-57.75	-13	-44.75	-73.12	-66.24	1.32	11.96	H
									H
									H
	1638	-62.67	-13	-49.67	-70.56	-68.23	0.92	8.62	V
	2457	-58.82	-13	-45.82	-72.39	-66.17	1.14	10.64	V
	3276	-57.22	-13	-44.22	-73.07	-65.71	1.32	11.96	V
									V
									V



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)
Highest	1645	-63.14	-13	-50.14	-71.54	-68.72	0.92	8.65	H
	2468	-58.88	-13	-45.88	-72.35	-66.24	1.14	10.66	H
	3290	-57.47	-13	-44.47	-72.82	-65.99	1.32	12.00	H
									H
									H
	1645	-63.07	-13	-50.07	-70.95	-68.65	0.92	8.65	V
	2468	-58.87	-13	-45.87	-72.48	-66.23	1.14	10.66	V
	3290	-56.95	-13	-43.95	-72.77	-65.47	1.32	12.00	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	1646	-62.27	-13	-49.27	-70.68	-67.86	0.92	8.65	H
	2470	-59.13	-13	-46.13	-72.6	-66.49	1.14	10.66	H
	3293	-57.39	-13	-44.39	-72.73	-65.92	1.32	12.00	H
									H
									H
	1646	-62.45	-13	-49.45	-70.34	-68.04	0.92	8.65	V
	2470	-58.77	-13	-45.77	-72.38	-66.13	1.14	10.66	V
	3293	-57.10	-13	-44.10	-72.91	-65.63	1.32	12.00	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	-61.90	-13	-48.90	-70.26	-67.43	0.91	8.59	H
	2444	-58.91	-13	-45.91	-72.35	-66.24	1.14	10.62	H
	3259	-57.54	-13	-44.54	-72.95	-65.99	1.32	11.92	H
	4074	-51.44	-13	-38.44	-69.99	-60.60	1.48	12.79	H
									H
									H
	1629	-62.49	-13	-49.49	-70.39	-68.02	0.91	8.59	V
	2444	-59.05	-13	-46.05	-72.57	-66.38	1.14	10.62	V
	3259	-56.65	-13	-43.65	-72.55	-65.10	1.32	11.92	V
	4074	-50.02	-13	-37.02	-68.56	-59.18	1.48	12.79	V
									V
									V

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