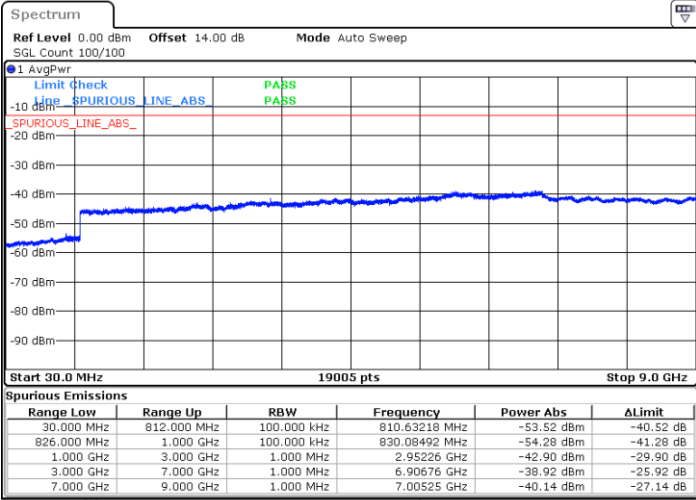




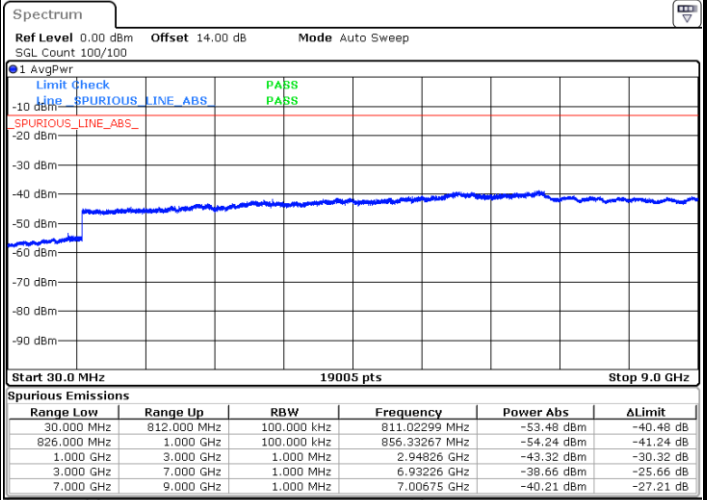
LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



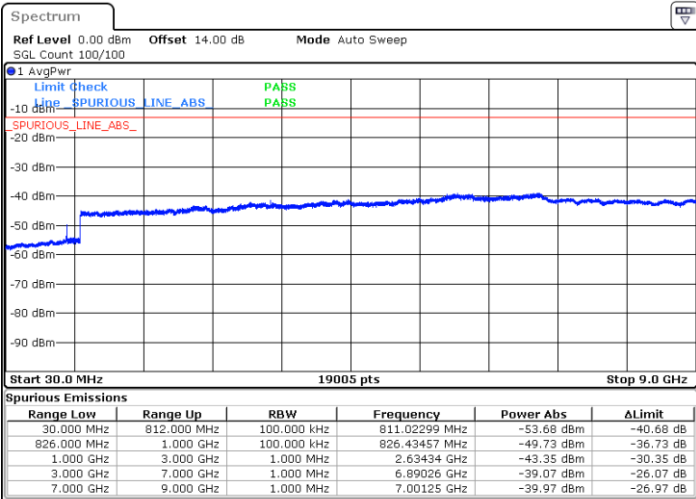
Date: 27.MAR.2022 16:33:48



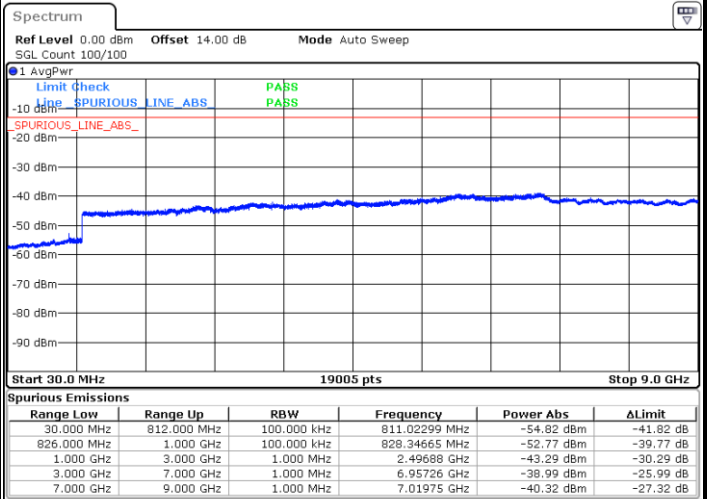
Date: 27.MAR.2022 16:34:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAR.2022 16:35:34



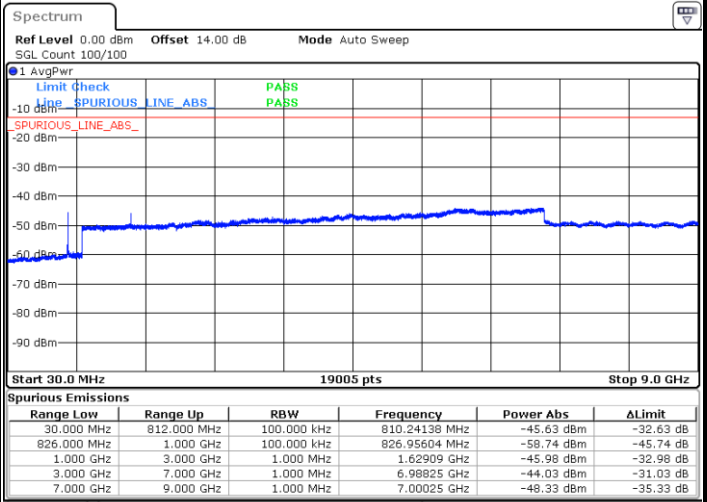
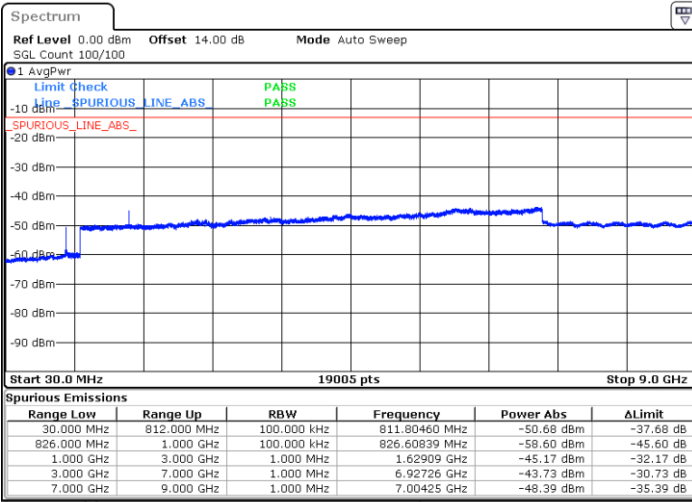
Date: 27.MAR.2022 16:36:26



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

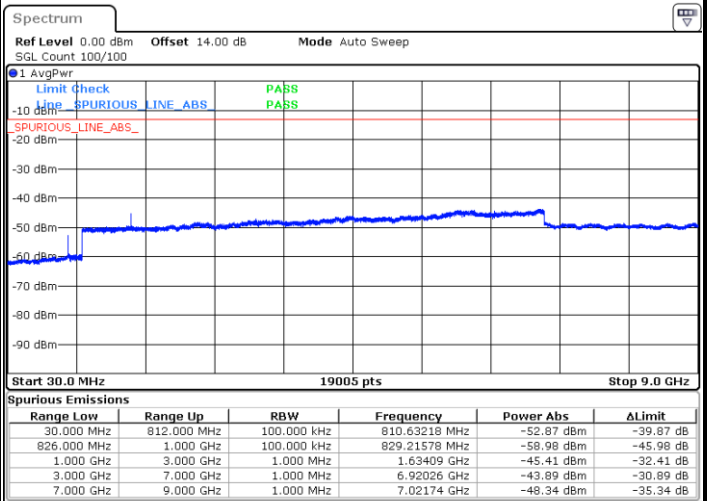
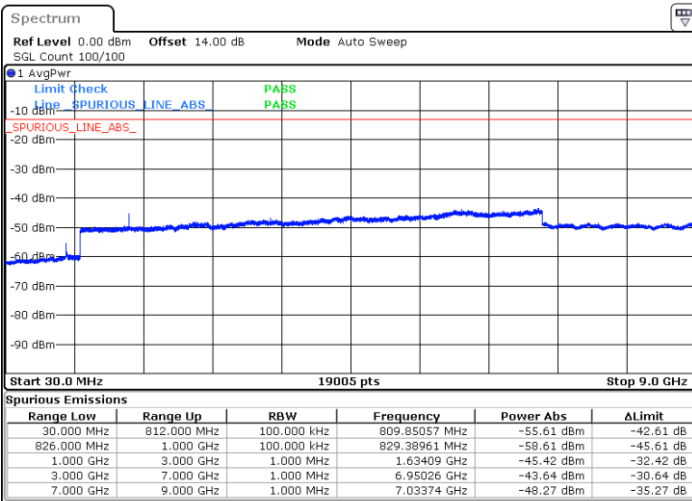


Date: 27.MAR.2022 16:39:58

Date: 27.MAR.2022 16:40:50

Middle Channel / QPSK

Middle Channel / 16QAM



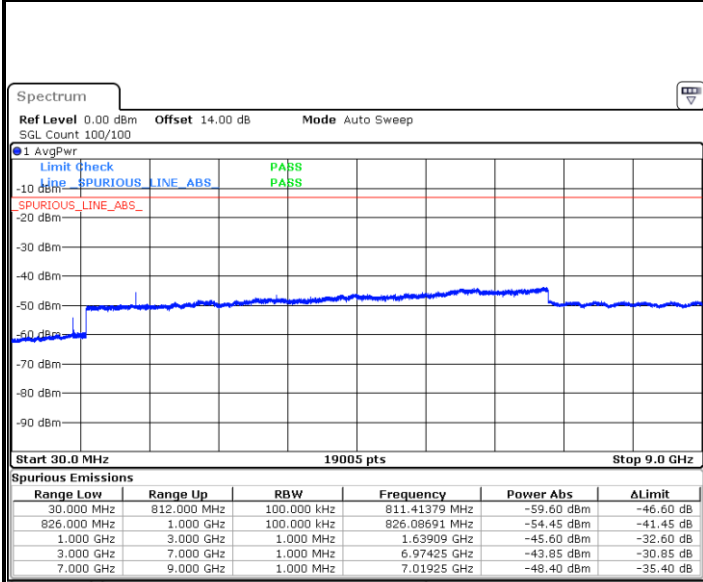
Date: 27.MAR.2022 16:41:43

Date: 27.MAR.2022 16:42:35



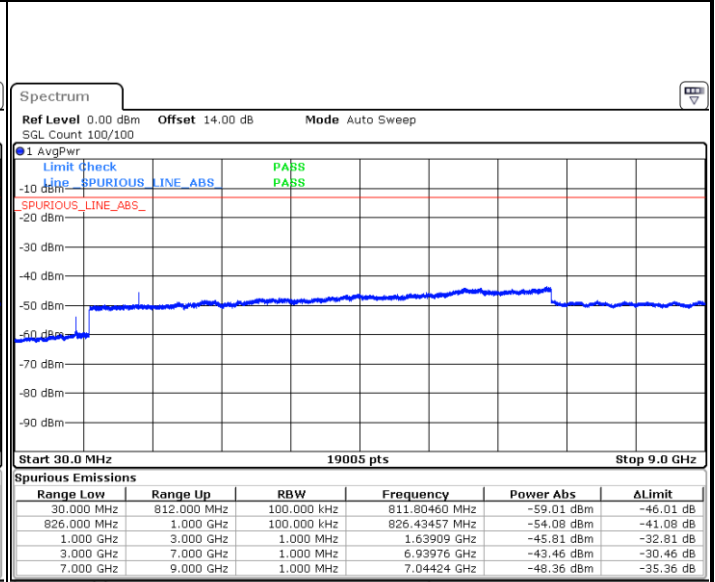
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 27.MAR.2022 16:43:28

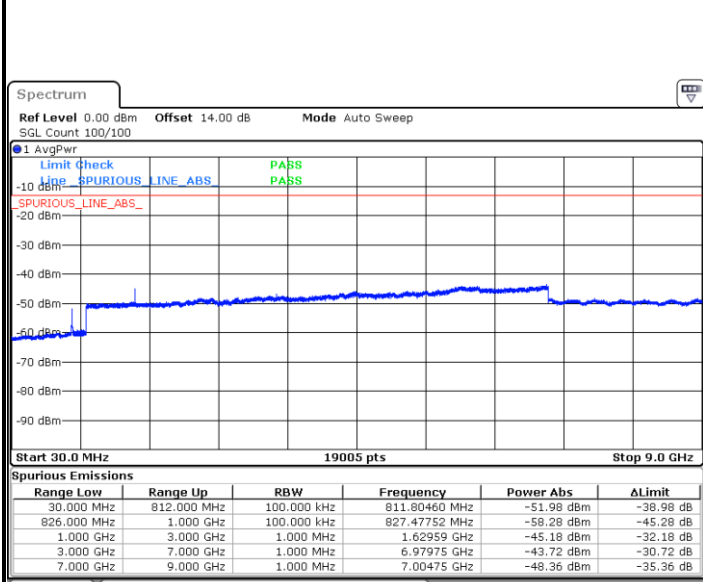
Highest Channel / 16QAM



Date: 27.MAR.2022 16:44:21

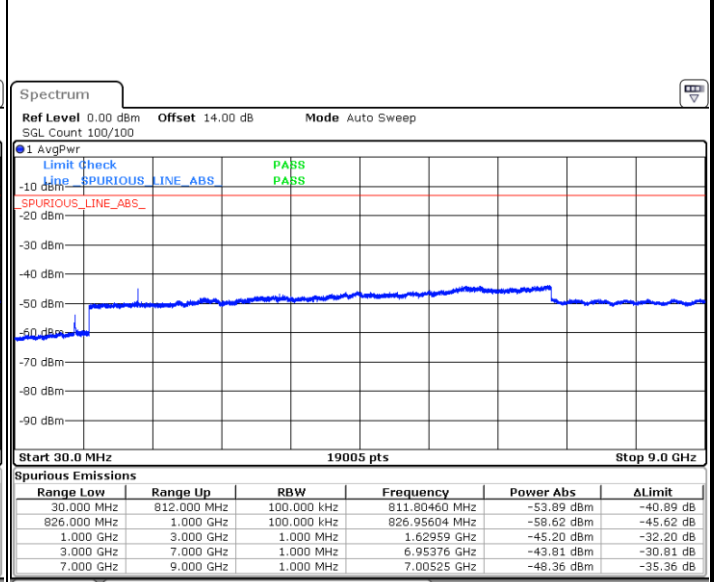
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 27.MAR.2022 16:47:52

Middle Channel / 16QAM



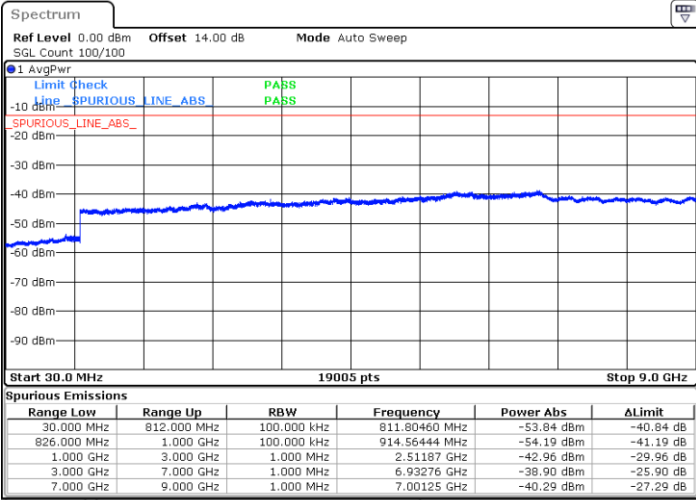
Date: 27.MAR.2022 16:48:44



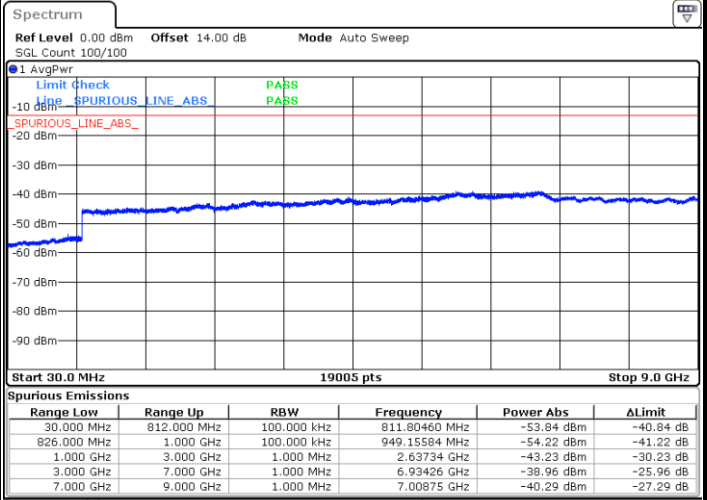
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

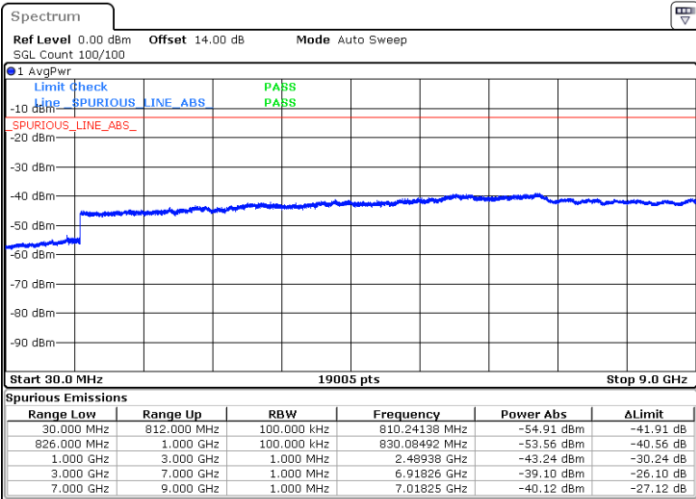


Date: 27.MAR.2022 16:29:25



Date: 27.MAR.2022 16:30:17

Highest Channel / 64QAM



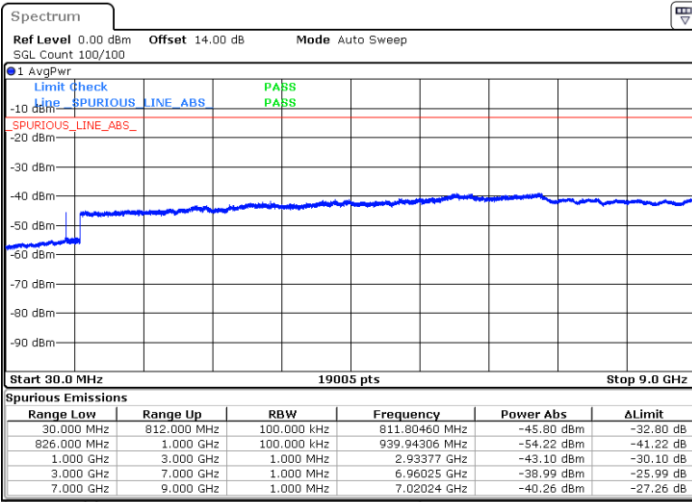
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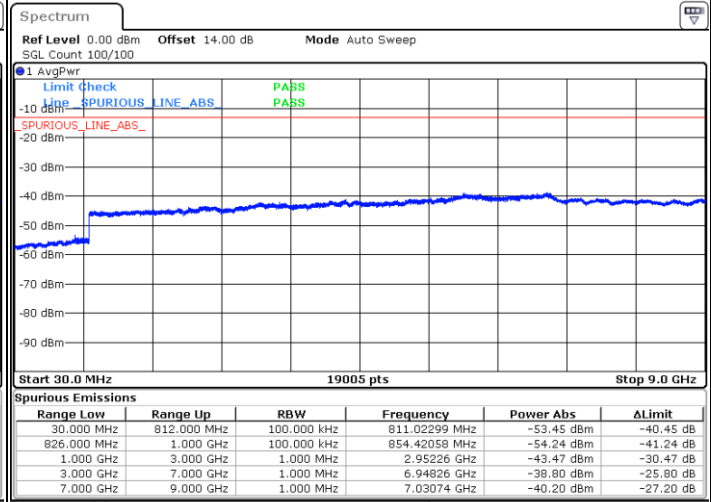
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

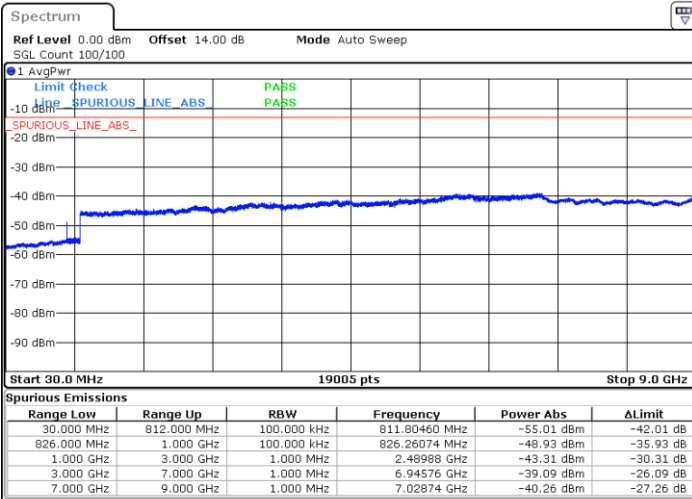


Date: 27.MAR.2022 16:37:19



Date: 27.MAR.2022 16:38:12

Highest Channel / 64QAM



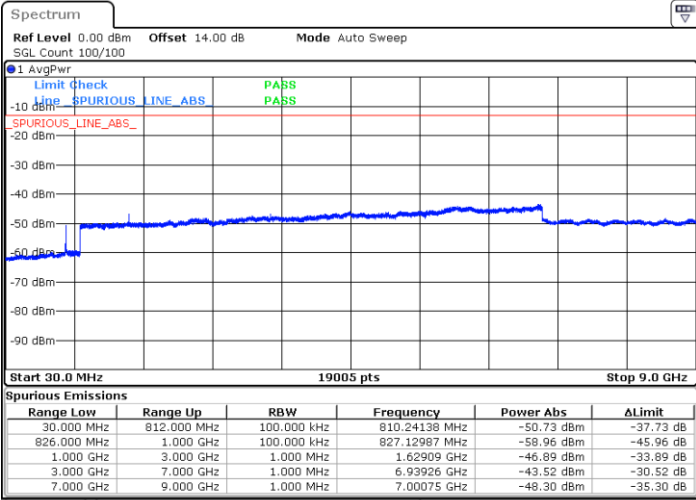
Date: 27.MAR.2022 16:39:04



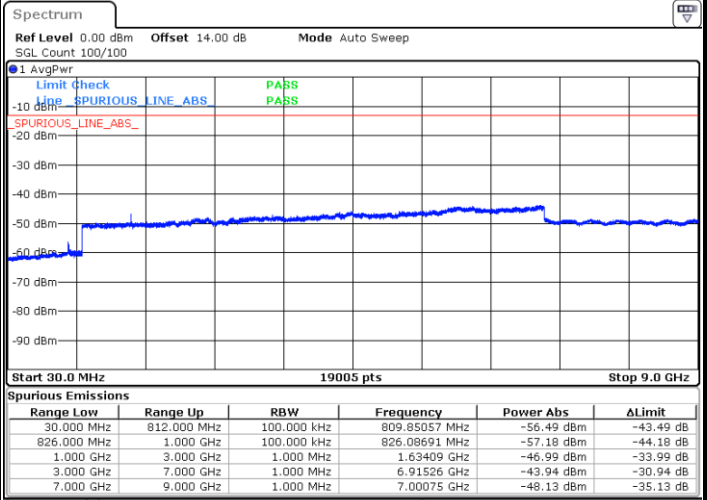
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

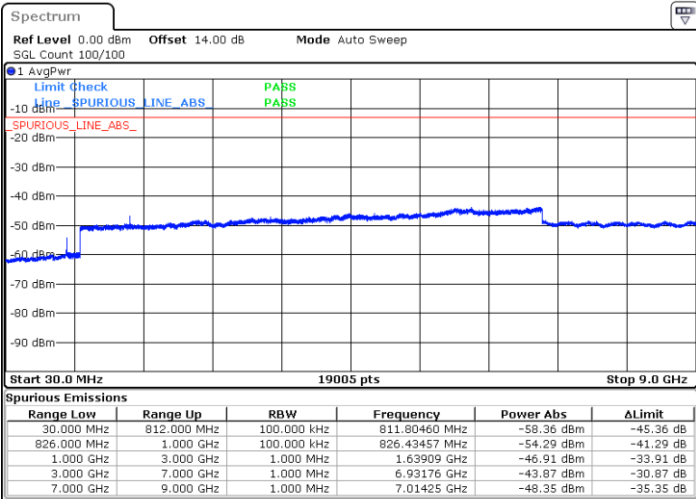


Date: 27.MAR.2022 16:45:13



Date: 27.MAR.2022 16:46:06

Highest Channel / 64QAM



Date: 27.MAR.2022 16:46:58



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0073	
-10	Normal Voltage	0.0076	
-20	Normal Voltage	0.0067	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0068	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0067	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note: Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.96 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Xiaoshi Tan	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 18 / 5MHz / QPSK (ANT41)									
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	1634.5	-67.65	-13	-54.65	-73.81	-70.90	4.00	9.40	H
	2451.75	-64.70	-13	-51.70	-74.99	-68.27	4.88	10.60	H
	3269	-63.63	-13	-50.63	-76.07	-68.56	5.52	12.60	H
	1634.5	-67.73	-13	-54.73	-73.89	-70.98	4.00	9.40	V
	2451.75	-64.23	-13	-51.23	-74.90	-67.80	4.88	10.60	V
	3269	-63.25	-13	-50.25	-76.19	-68.18	5.52	12.60	V

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

LTE Band 18 / 10MHz / QPSK (ANT41)									
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	1636	-68.07	-13	-55.07	-74.23	-71.32	4.00	9.40	H
	2454	-64.54	-13	-51.54	-74.83	-68.11	4.88	10.60	H
	3272	-63.91	-13	-50.91	-76.34	-68.84	5.52	12.60	H
	1636	-68.04	-13	-55.04	-74.19	-71.29	4.00	9.40	V
	2454	-63.80	-13	-50.80	-74.46	-67.37	4.88	10.60	V
	3272	-63.54	-13	-50.54	-76.46	-68.47	5.52	12.60	V

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



LTE Band 18 / 15MHz / QPSK (ANT41)									
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	1631.5	-65.22	-13	-52.22	-76.72	-68.47	4.00	9.40	H
	2447.25	-59.70	-13	-46.70	-78.07	-63.27	4.88	10.60	H
	3263	-58.92	-13	-45.92	-79.53	-63.85	5.52	12.60	H
	1631.5	-64.51	-13	-51.51	-76.61	-67.76	4.00	9.40	V
	2447.25	-60.03	-13	-47.03	-78.92	-63.60	4.88	10.60	V
	3263	-57.54	-13	-44.54	-79.32	-62.47	5.52	12.60	V

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

LTE Band 26 / 5MHz / QPSK (ANT41)									
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	1633.5	-65.47	-13	-52.47	-76.97	-68.72	4.00	9.40	H
	2450.25	-60.18	-13	-47.18	-78.55	-63.75	4.88	10.60	H
	3267	-58.50	-13	-45.50	-79.11	-63.43	5.52	12.60	H
	1633.5	-64.92	-13	-51.92	-77.02	-68.17	4.00	9.40	V
	2450.25	-59.86	-13	-46.86	-78.67	-63.43	4.88	10.60	V
	3267	-57.42	-13	-44.42	-79.30	-62.35	5.52	12.60	V

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



LTE Band 26 / 10MHz / QPSK (ANT41)									
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	-65.36	-13	-52.36	-76.83	-68.61	4.00	9.40	H
	2443.5	-60.13	-13	-47.13	-78.50	-63.70	4.88	10.60	H
	3258	-58.25	-13	-45.25	-78.86	-63.18	5.52	12.60	H
	1629	-64.71	-13	-51.71	-76.78	-67.96	4.00	9.40	V
	2443.5	-59.85	-13	-46.85	-78.66	-63.42	4.88	10.60	V
	3258	-57.49	-13	-44.49	-79.37	-62.42	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK (ANT41)									
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	1629.5	-65.69	-13	-52.69	-77.16	-68.94	4.00	9.40	H
	2444.25	-60.78	-13	-47.78	-79.15	-64.35	4.88	10.60	H
	3259	-59.03	-13	-46.03	-79.64	-63.96	5.52	12.60	H
	1629.5	-65.28	-13	-52.28	-77.35	-68.53	4.00	9.40	V
	2444.25	-59.88	-13	-46.88	-78.69	-63.45	4.88	10.60	V
	3259	-57.46	-13	-44.46	-79.34	-62.39	5.52	12.60	V

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