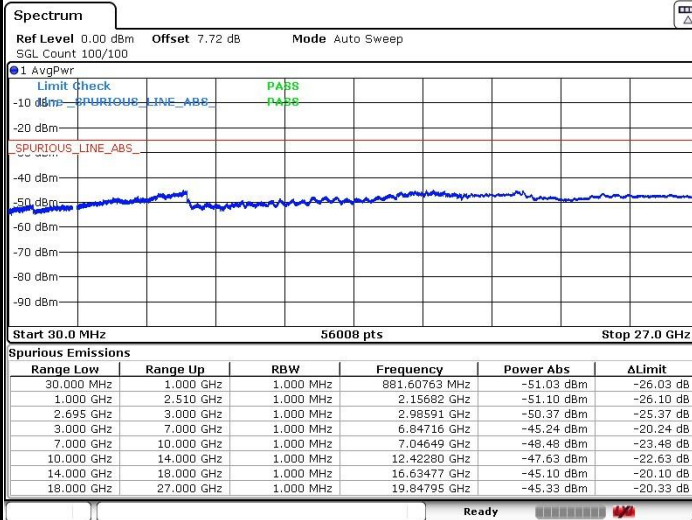




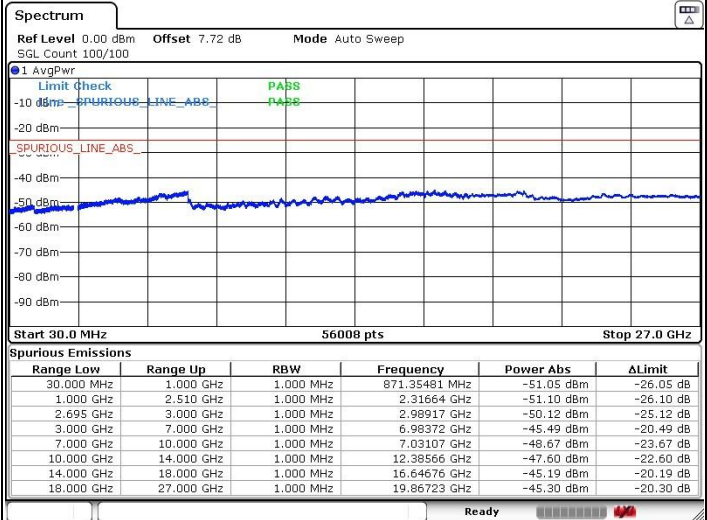
LTE Band 41 / 10MHz

Middle Channel / QPSK



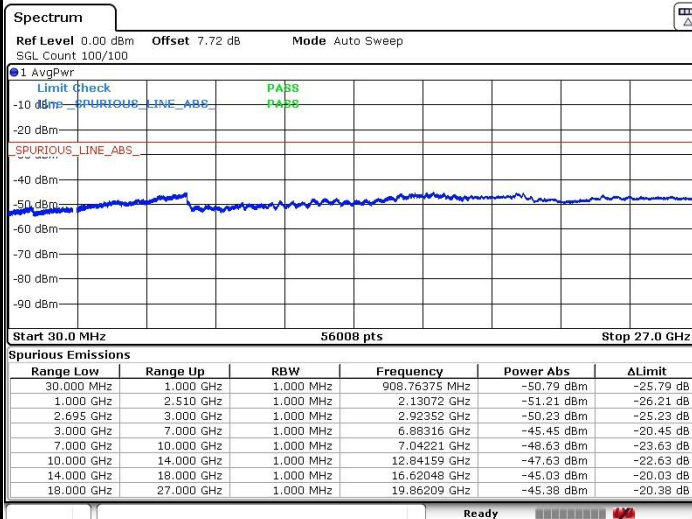
Date: 9 APR 2019 11:43:04

Middle Channel / 16QAM



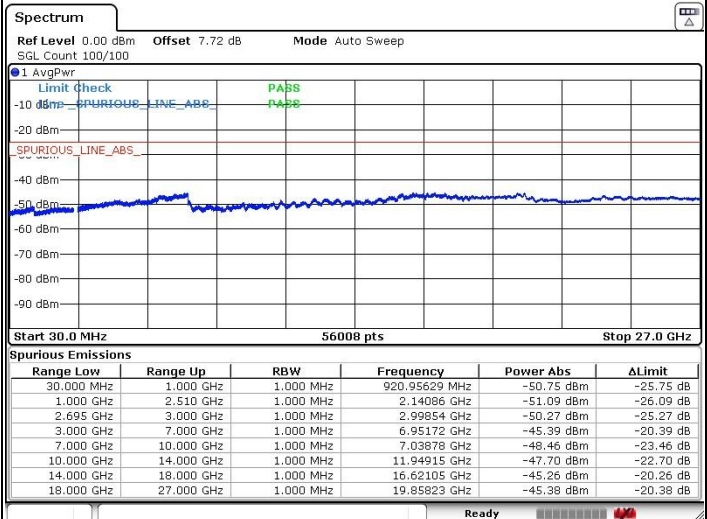
Date: 9 APR 2019 11:43:56

Highest Channel / QPSK



Date: 9 APR 2019 11:47:12

Highest Channel / 16QAM

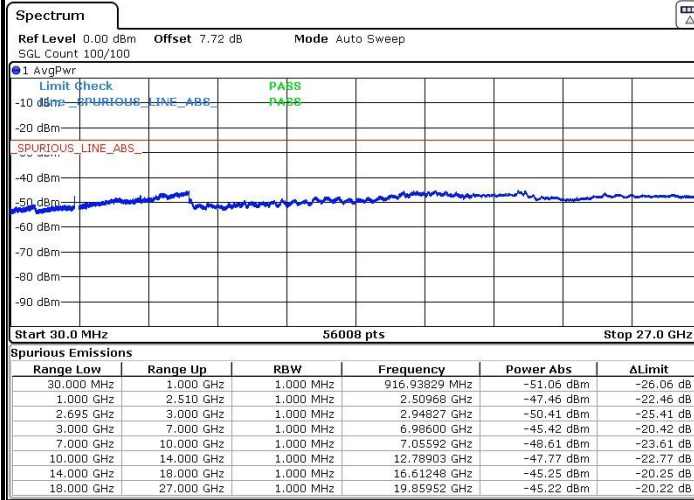


Date: 9 APR 2019 11:46:25



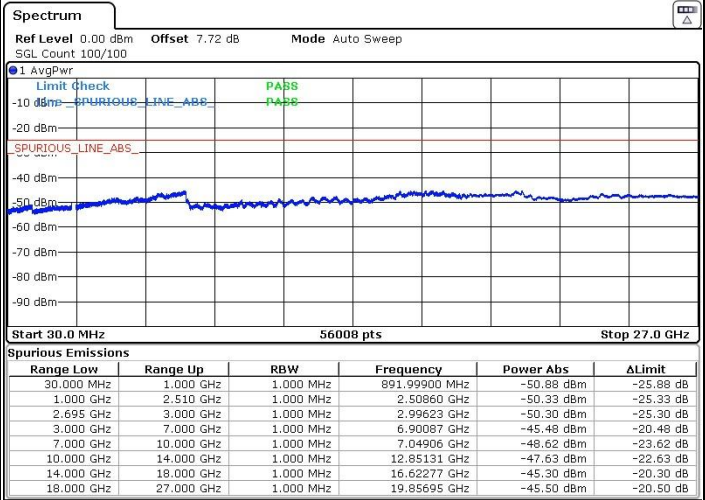
LTE Band 41 / 15MHz

Lowest Channel / QPSK



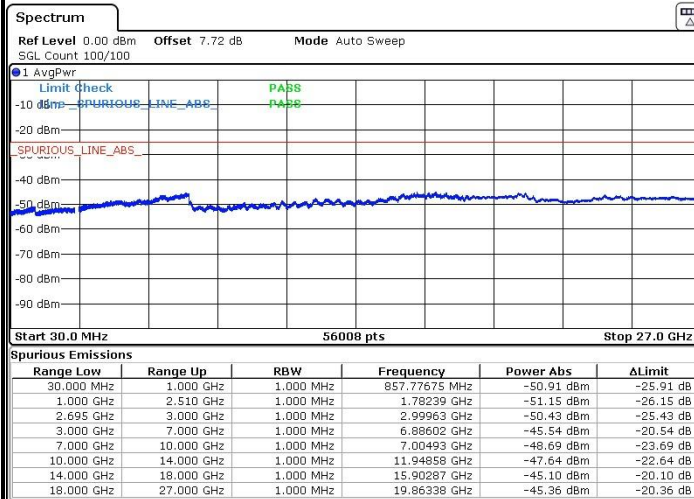
Date: 9 APR 2019 11:48:24

Lowest Channel / 16QAM



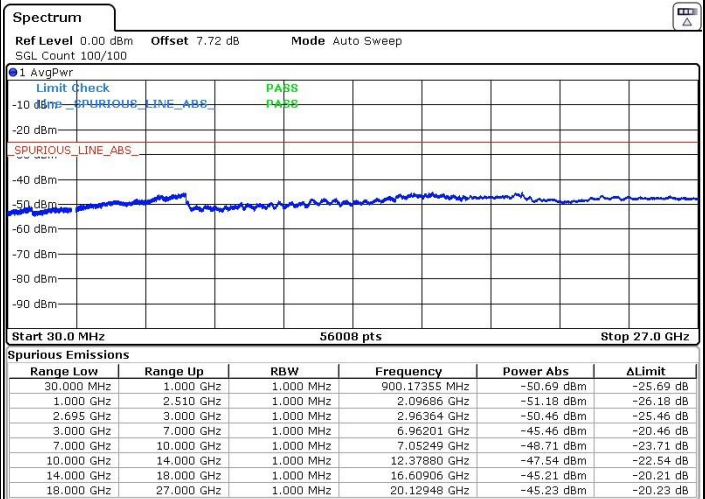
Date: 9 APR 2019 11:49:14

Middle Channel / QPSK



Date: 9 APR 2019 11:52:34

Middle Channel / 16QAM

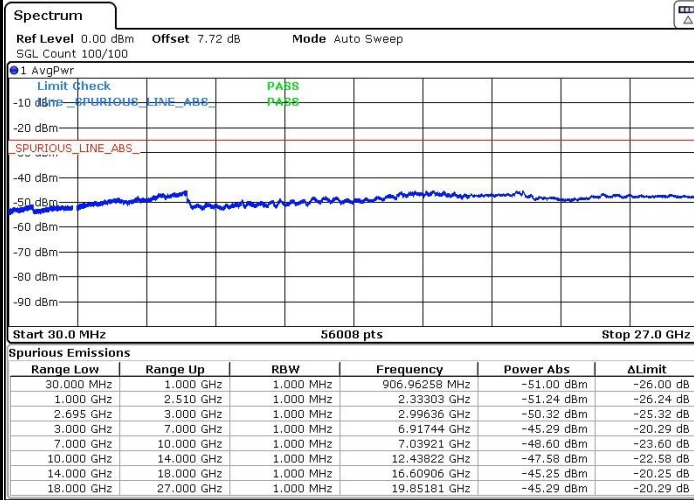


Date: 9 APR 2019 11:51:44



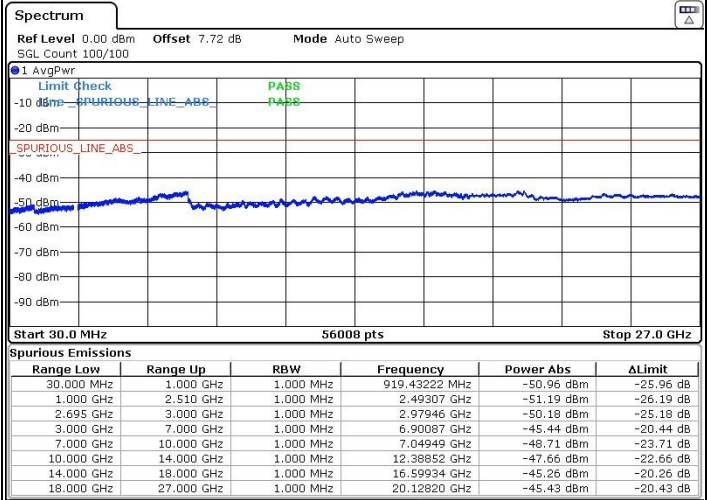
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 9 APR 2019 11:53:33

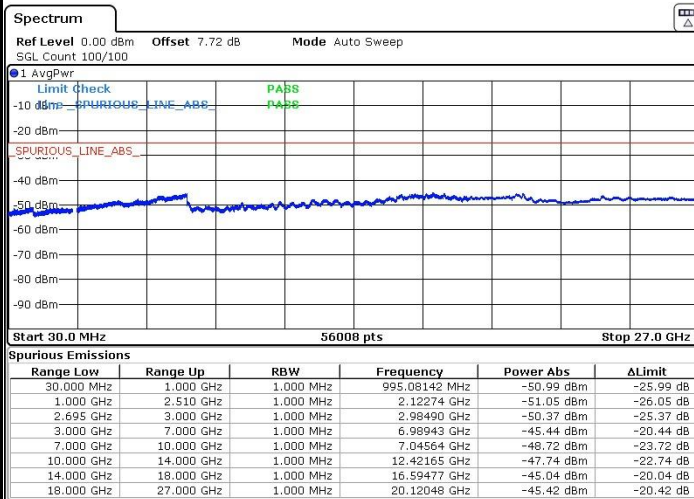
Highest Channel / 16QAM



Date: 9 APR 2019 11:54:20

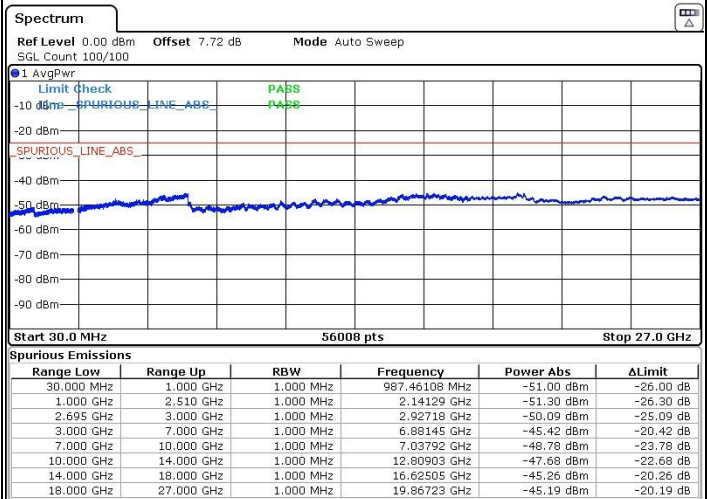
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 9 APR 2019 11:58:42

Lowest Channel / 16QAM

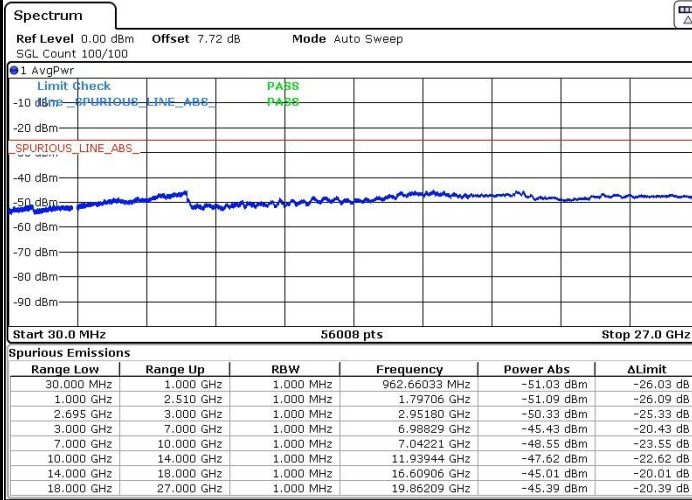


Date: 9 APR 2019 11:59:35



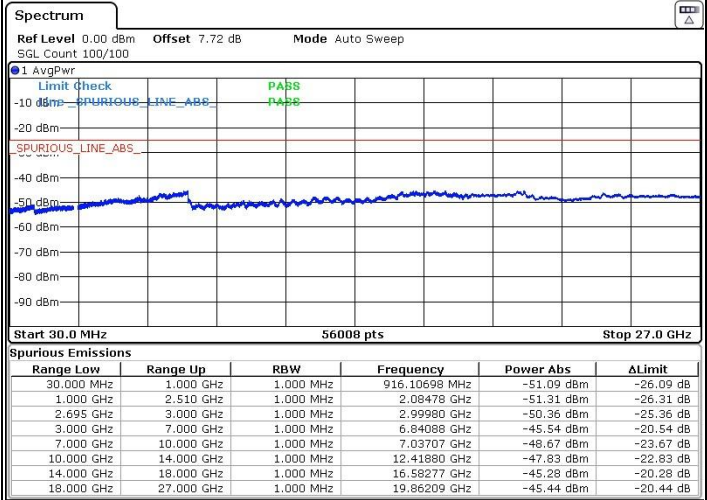
LTE Band 41 / 20MHz

Middle Channel / QPSK



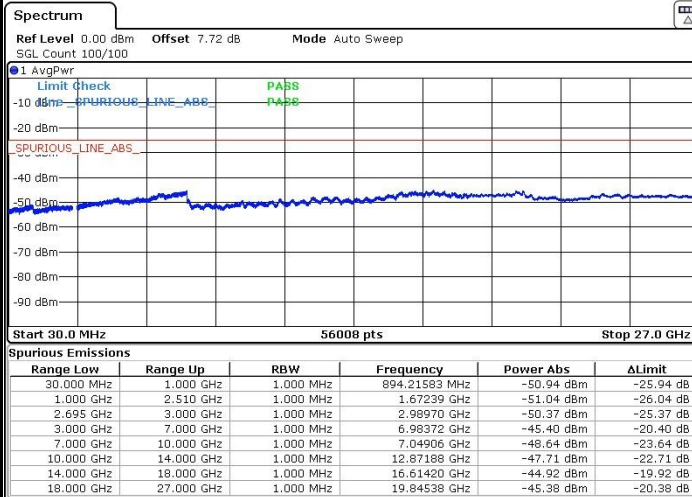
Date: 9 APR 2019 11:57:53

Middle Channel / 16QAM



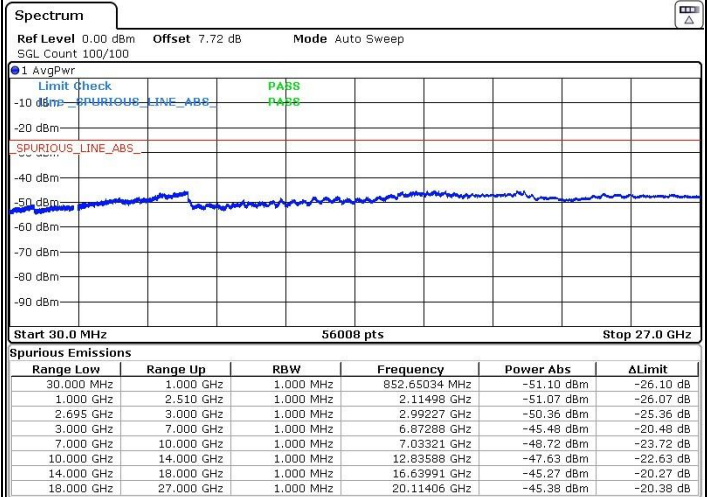
Date: 9 APR 2019 11:56:59

Highest Channel / QPSK



Date: 9 APR 2019 12:03:21

Highest Channel / 16QAM

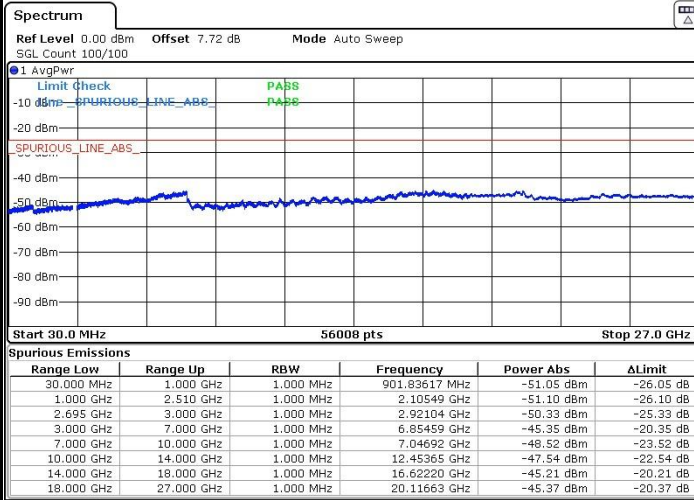


Date: 9 APR 2019 12:02:33



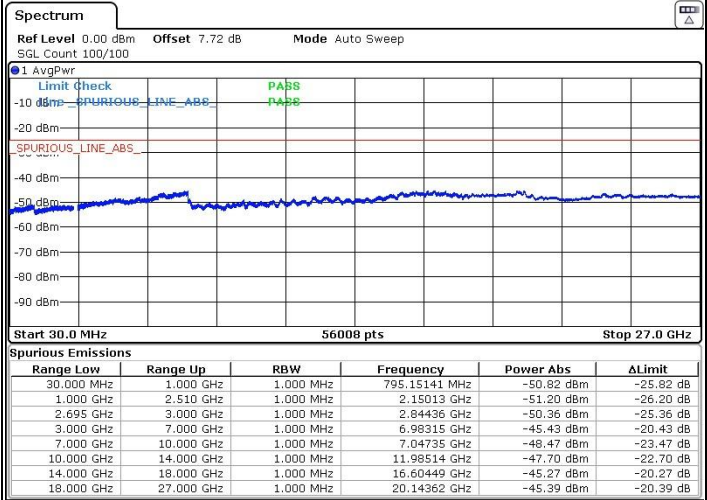
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



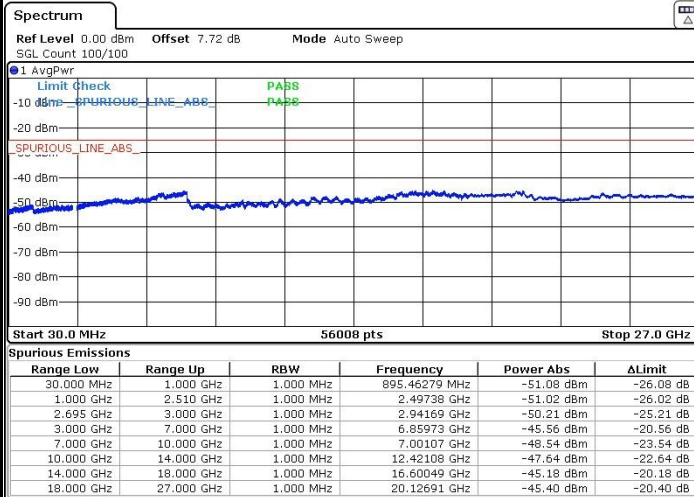
Date: 9 APR 2019 11:30:04

Middle Channel / 64QAM



Date: 9 APR 2019 11:31:01

Highest Channel / 64QAM

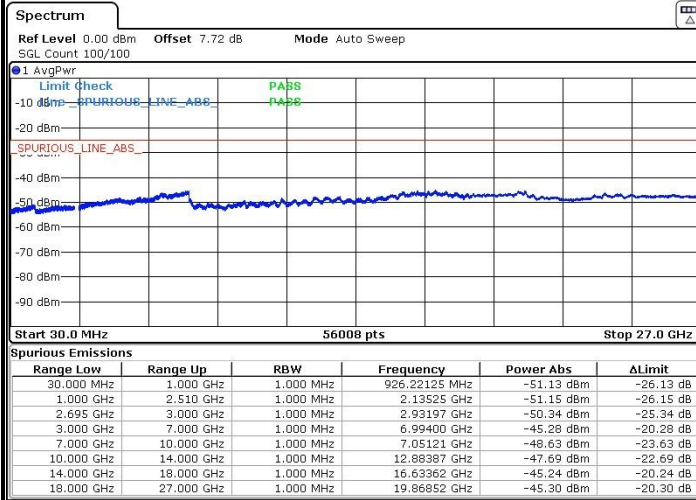


Date: 9 APR 2019 11:36:17



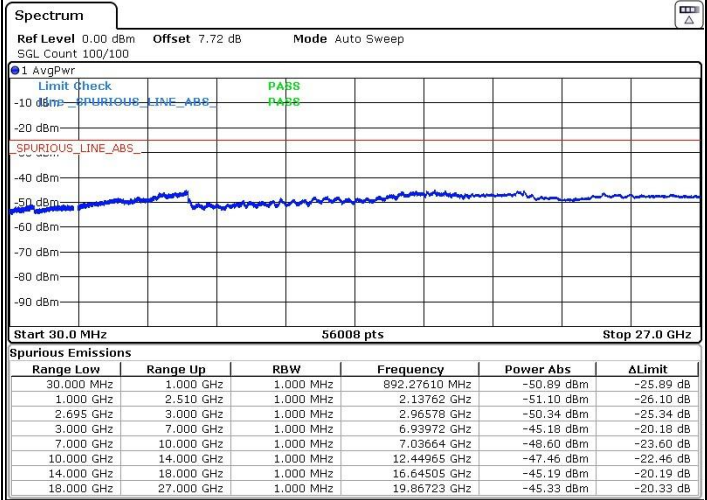
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



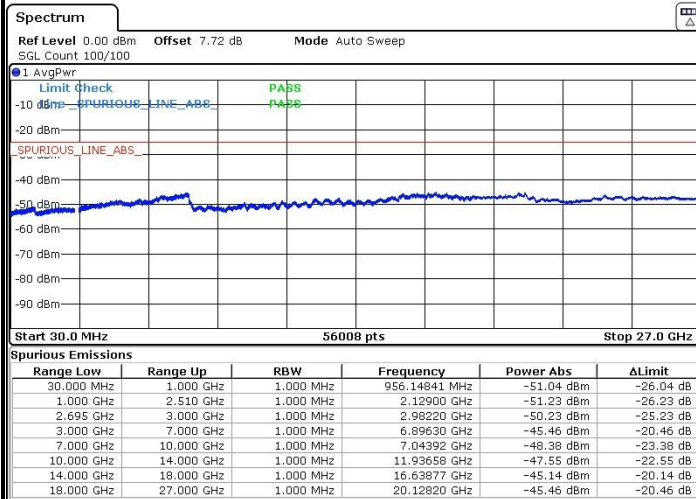
Date: 9 APR 2019 11:38:17

Middle Channel / 64QAM



Date: 9 APR 2019 11:44:43

Highest Channel / 64QAM

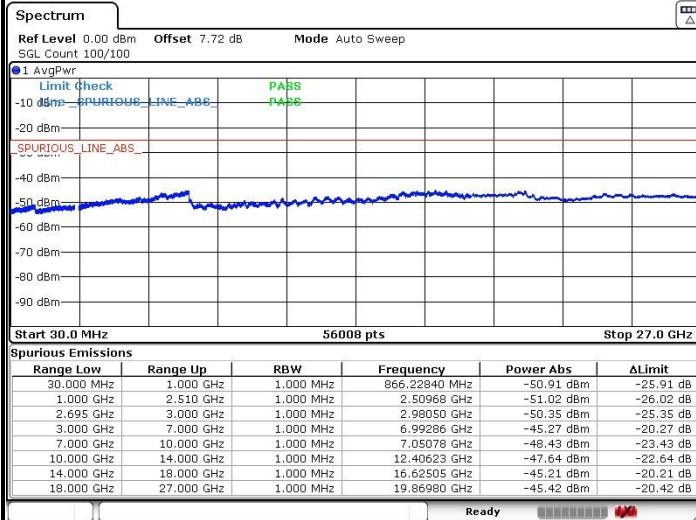


Date: 9 APR 2019 11:45:35



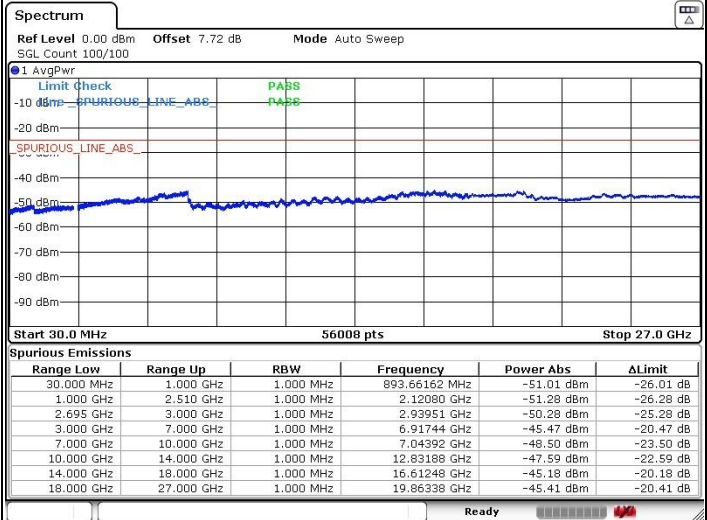
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



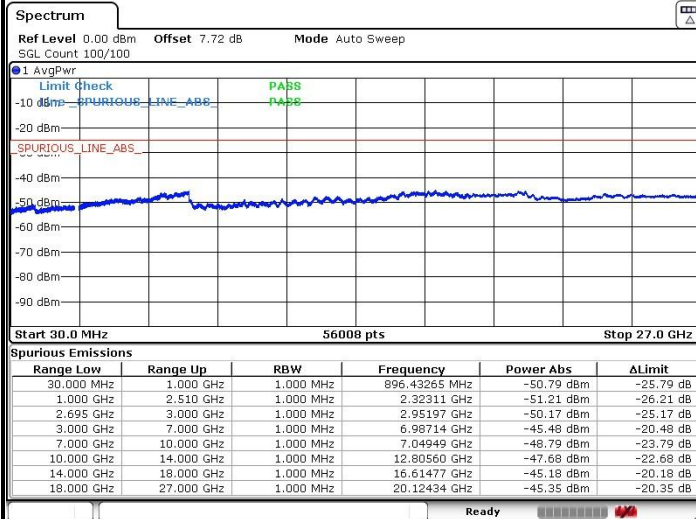
Date: 9 APR 2019 11:50:05

Middle Channel / 64QAM



Date: 9 APR 2019 11:50:57

Highest Channel / 64QAM

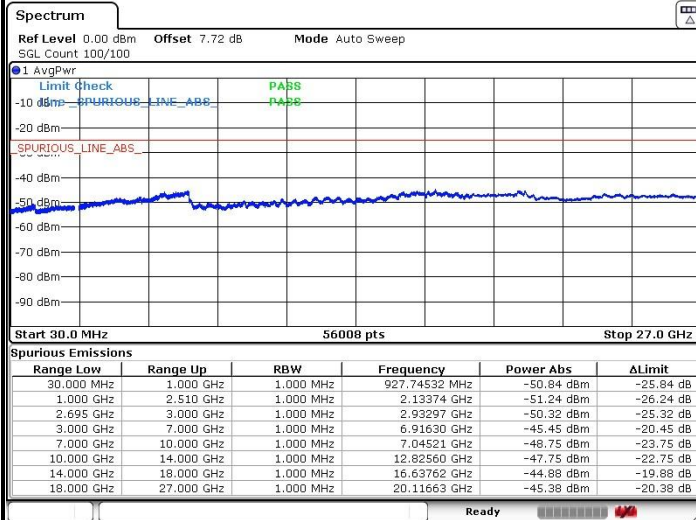


Date: 9 APR 2019 11:55:10



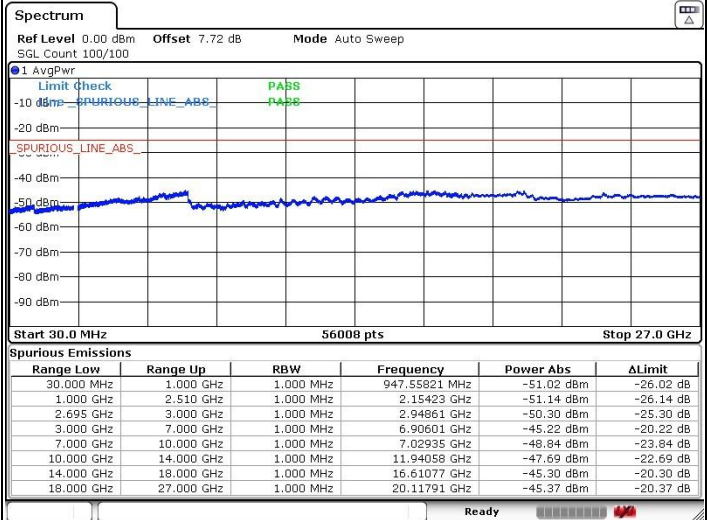
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



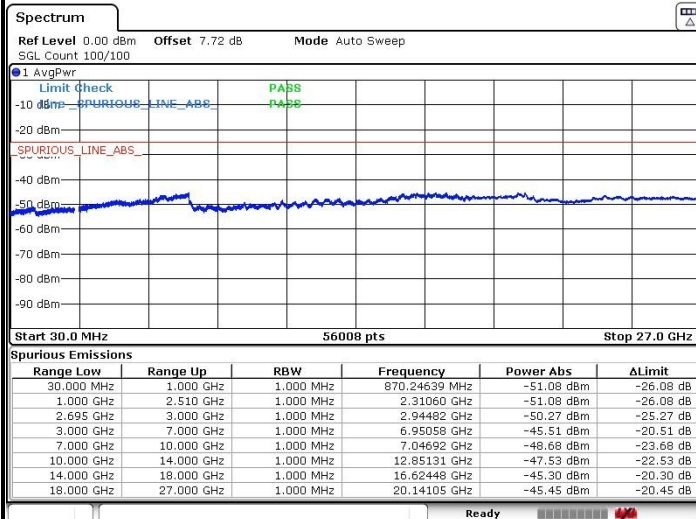
Date: 9 APR 2019 12:00:23

Middle Channel / 64QAM



Date: 9 APR 2019 11:56:09

Highest Channel / 64QAM



Date: 9 APR 2019 12:01:24

**Frequency Stability**

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172	-61.03	-25	-36.03	-71.24	3.03	13.24	H
	7756	-51.08	-25	-26.08	-60.53	3.56	13.01	H
	10340	-56.53	-25	-31.53	-66.05	3.92	13.44	H
	12930	-39.34	-25	-14.34	-49.26	4.44	14.36	H
	15520	-48.34	-25	-23.34	-58.71	4.77	15.14	H
	5172	-62.31	-25	-37.31	-72.52	3.03	13.24	V
	7760	-51.82	-25	-26.82	-61.27	3.56	13.01	V
	10340	-59.13	-25	-34.13	-68.65	3.92	13.44	V
	12930	-41.63	-25	-16.63	-51.55	4.44	14.36	V
	15520	-44.89	-25	-19.89	-55.26	4.77	15.14	V

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