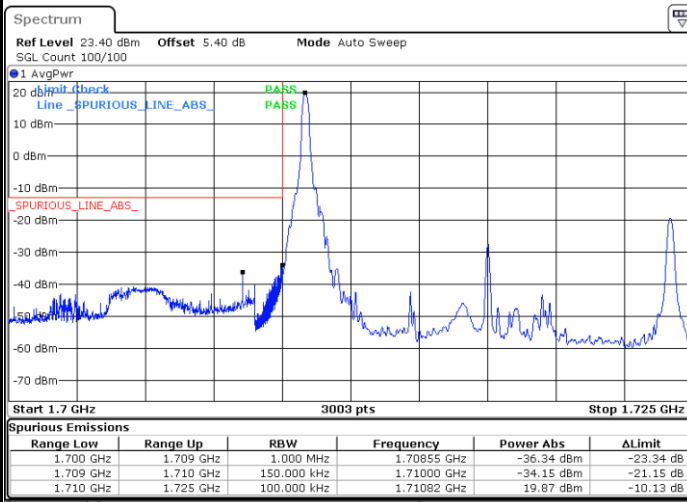




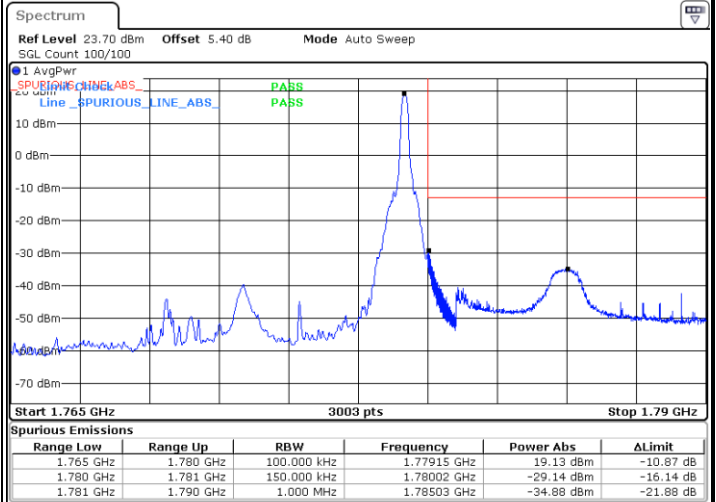
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



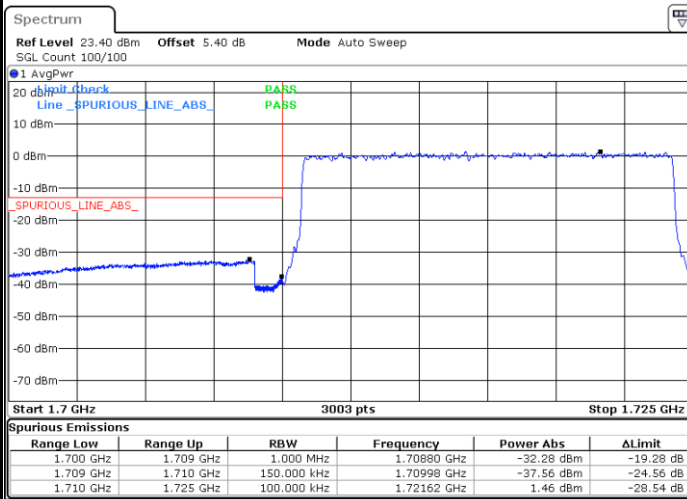
Date: 8.NOV.2020 00:53:06

Highest Band Edge / 1 RB



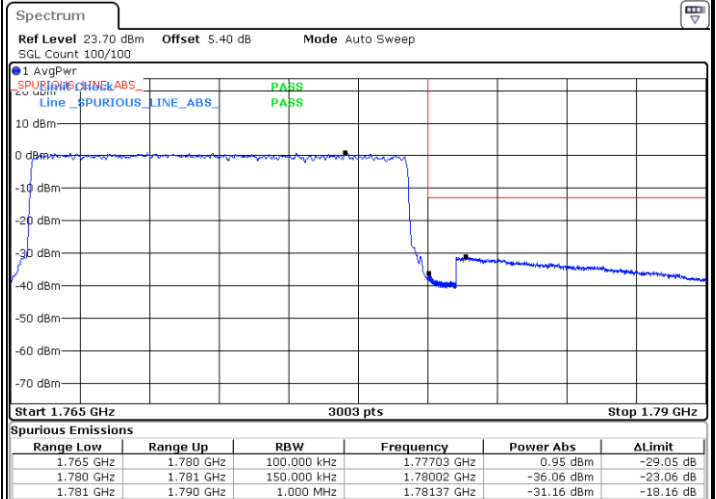
Date: 8.NOV.2020 00:59:40

Lowest Band Edge / Full RB



Date: 8.NOV.2020 00:51:07

Highest Band Edge / Full RB

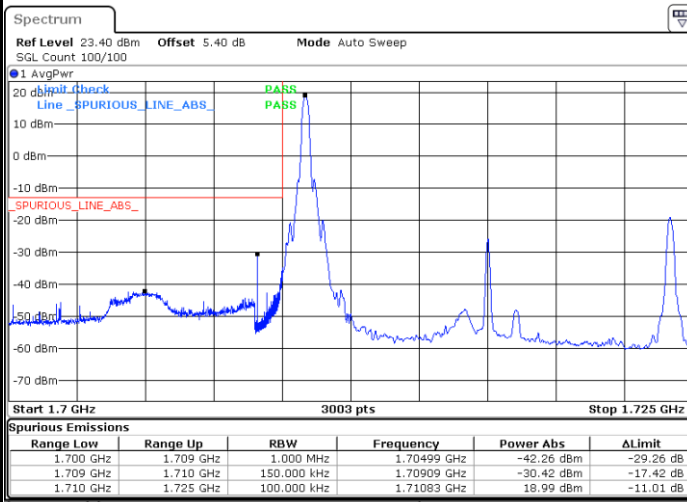


Date: 8.NOV.2020 00:58:39



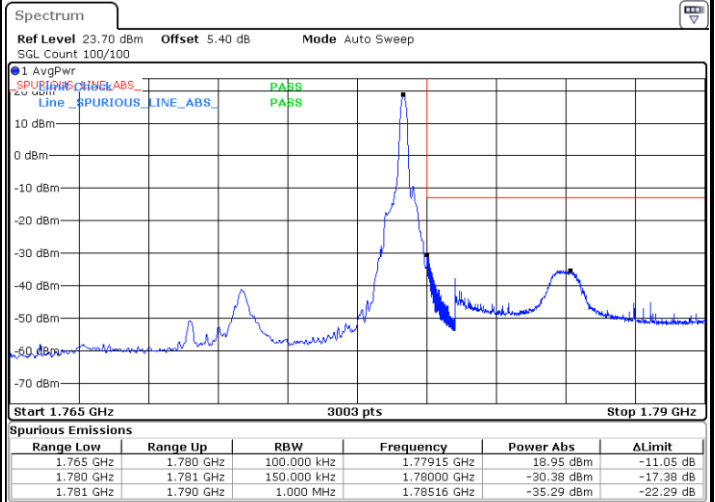
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



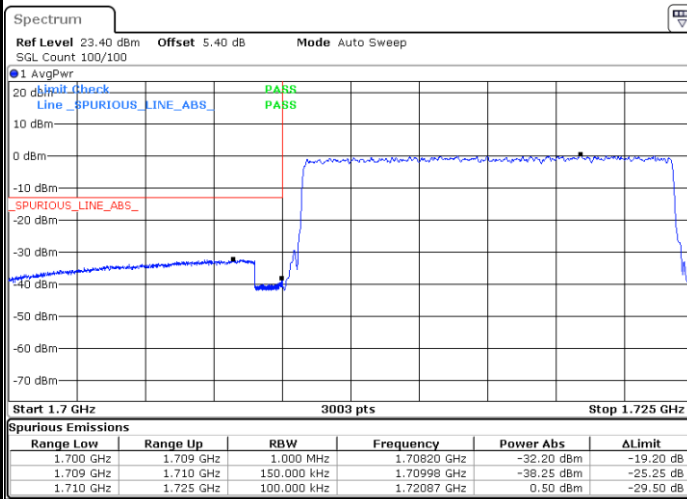
Date: 8.NOV.2020 00:53:51

Highest Band Edge / 1 RB



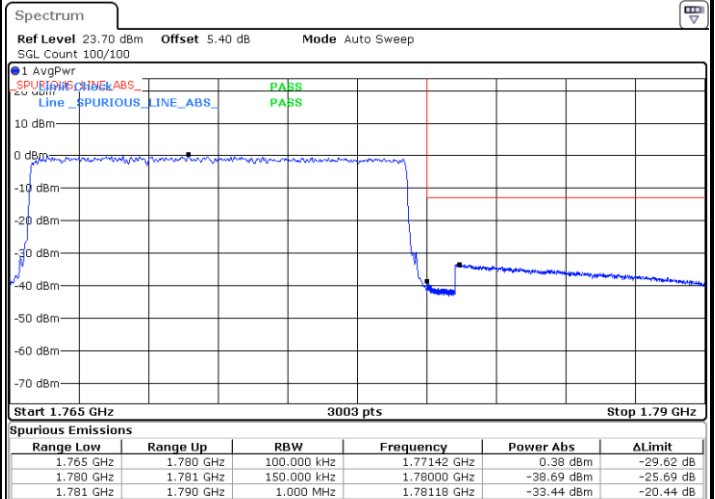
Date: 8.NOV.2020 00:59:52

Lowest Band Edge / Full RB



Date: 8.NOV.2020 00:51:27

Highest Band Edge / Full RB

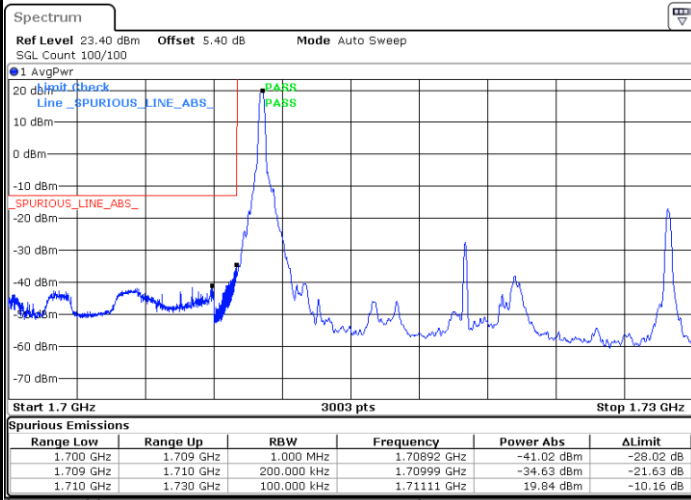


Date: 8.NOV.2020 00:58:59



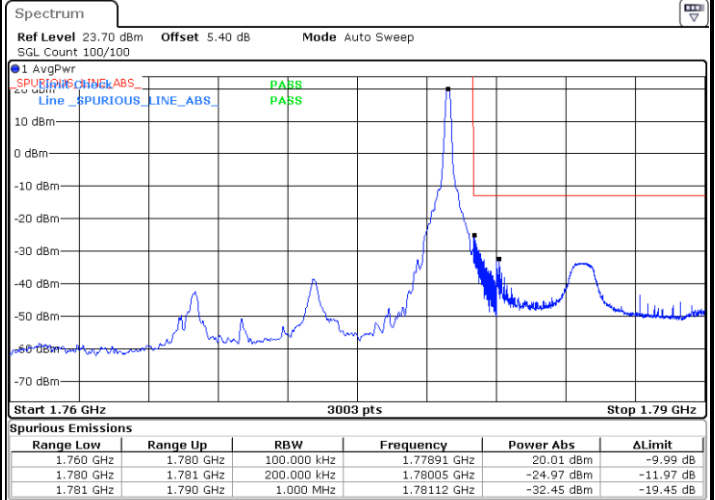
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



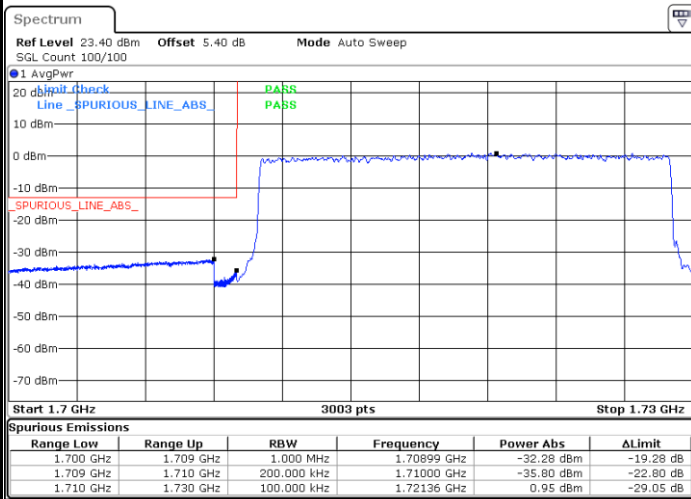
Date: 8.NOV.2020 01:05:16

Highest Band Edge / 1 RB



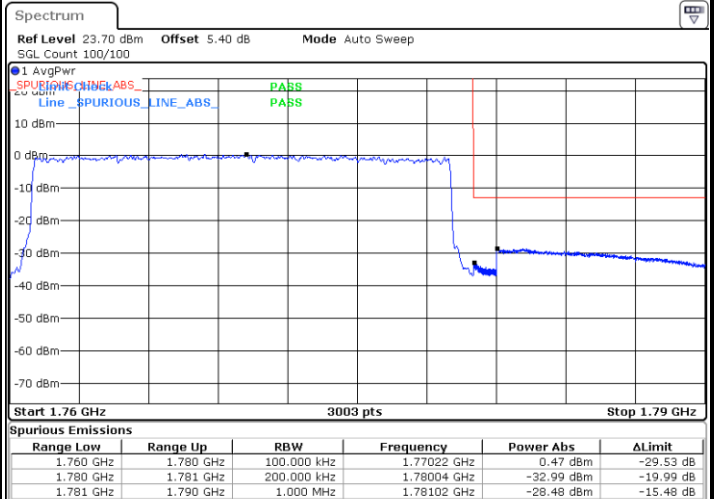
Date: 8.NOV.2020 01:13:29

Lowest Band Edge / Full RB



Date: 8.NOV.2020 01:03:54

Highest Band Edge / Full RB

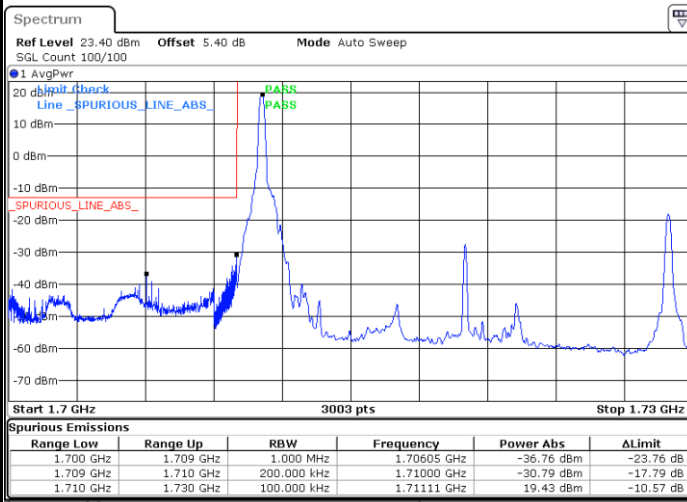


Date: 8.NOV.2020 01:12:15



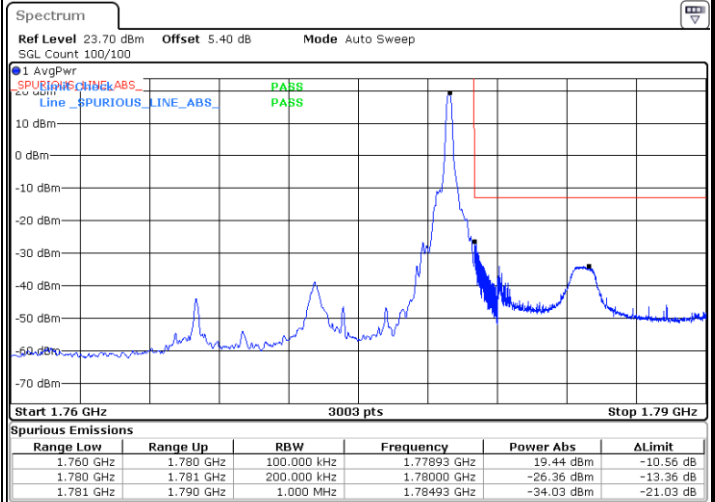
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



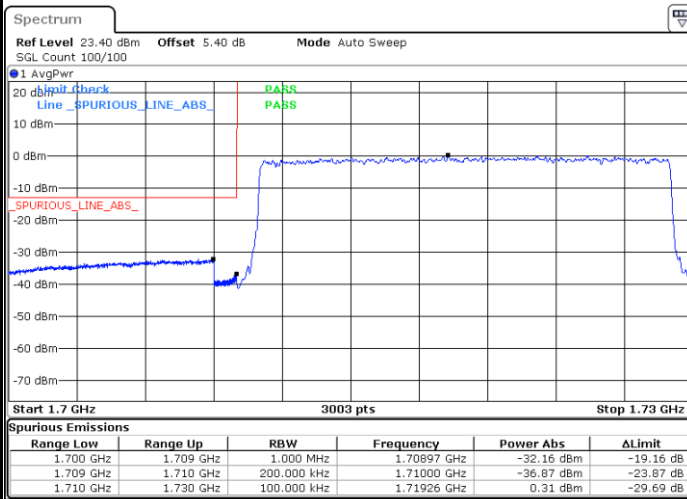
Date: 8.NOV.2020 01:06:11

Highest Band Edge / 1 RB



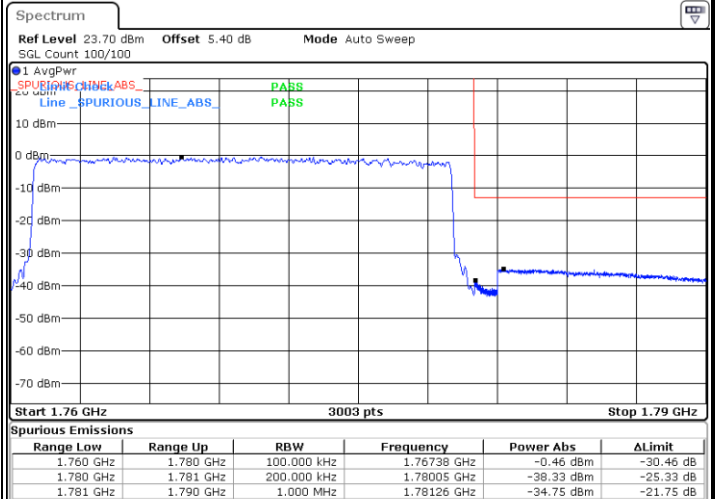
Date: 8.NOV.2020 01:13:40

Lowest Band Edge / Full RB



Date: 8.NOV.2020 01:04:21

Highest Band Edge / Full RB

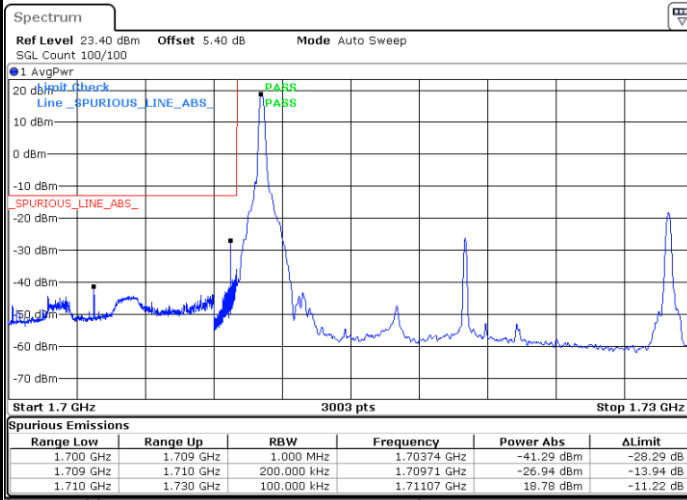


Date: 8.NOV.2020 01:12:44



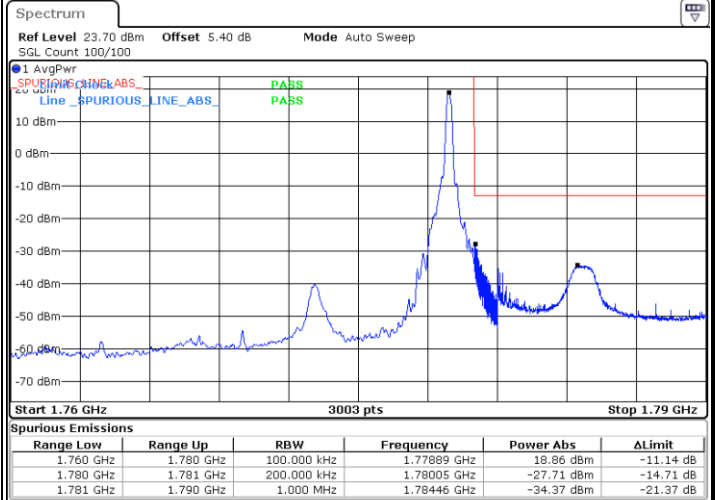
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



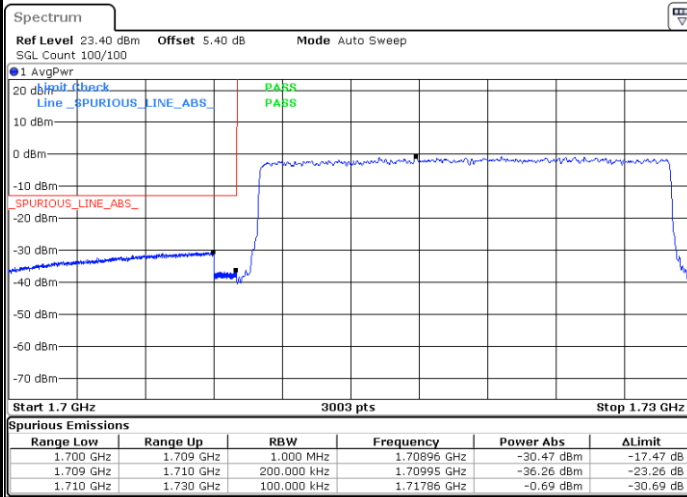
Date: 8.NOV.2020 01:07:12

Highest Band Edge / 1 RB



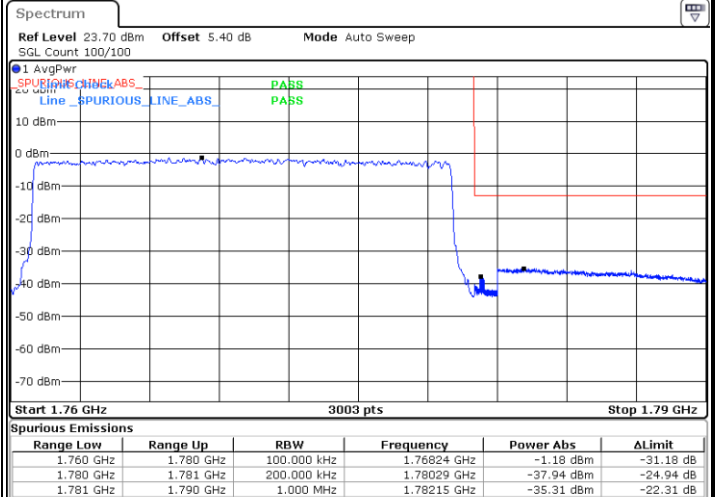
Date: 8.NOV.2020 01:13:51

Lowest Band Edge / Full RB



Date: 8.NOV.2020 01:04:54

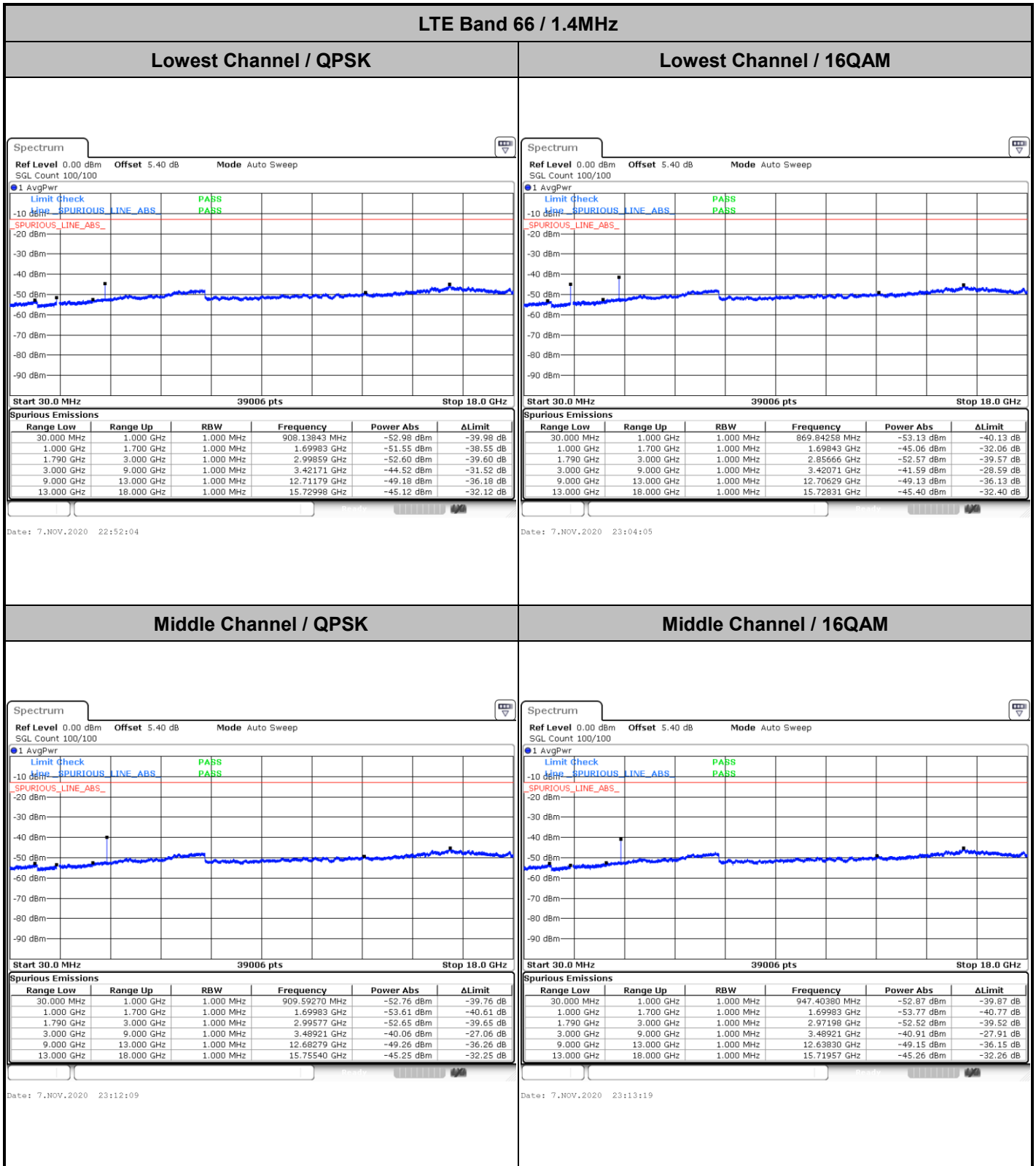
Highest Band Edge / Full RB



Date: 8.NOV.2020 01:13:11



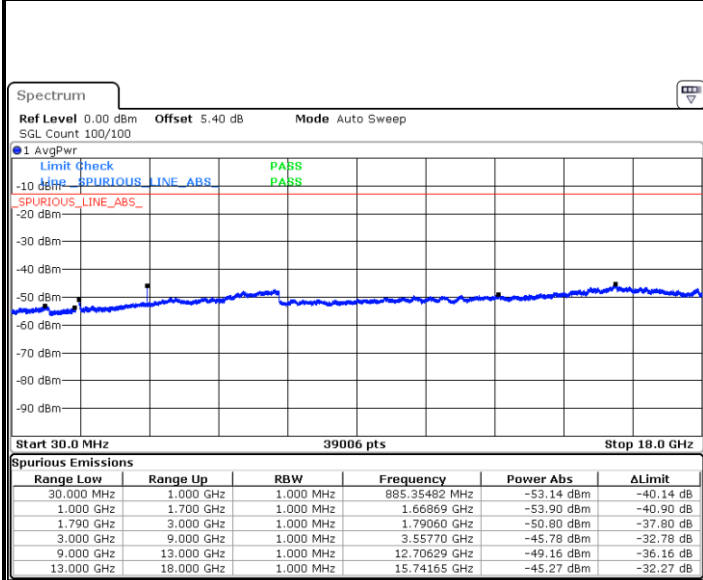
# Conducted Spurious Emission





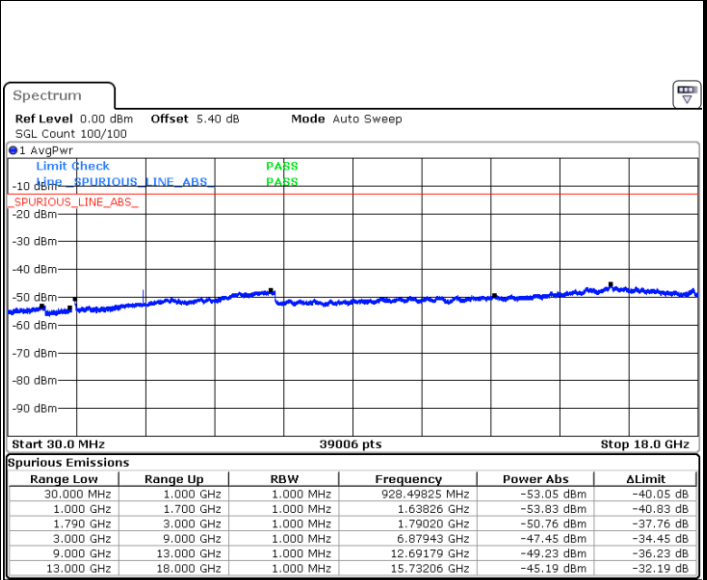
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 7.NOV.2020 23:30:20

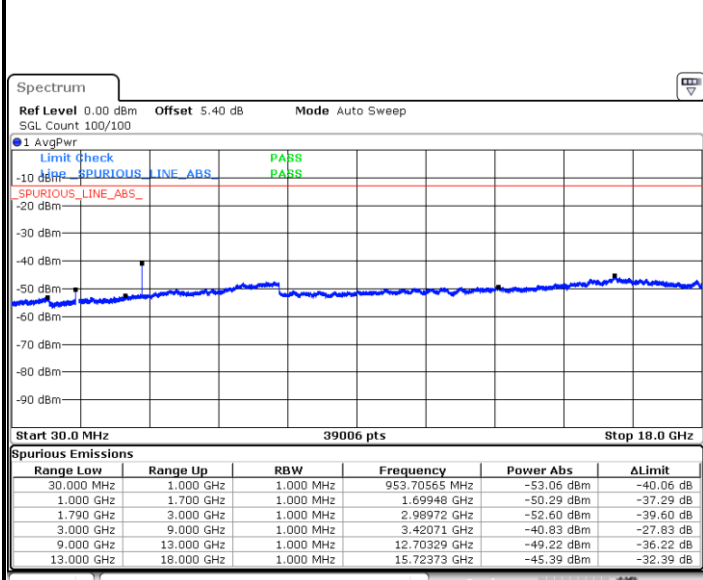
Highest Channel / 16QAM



Date: 7.NOV.2020 23:31:13

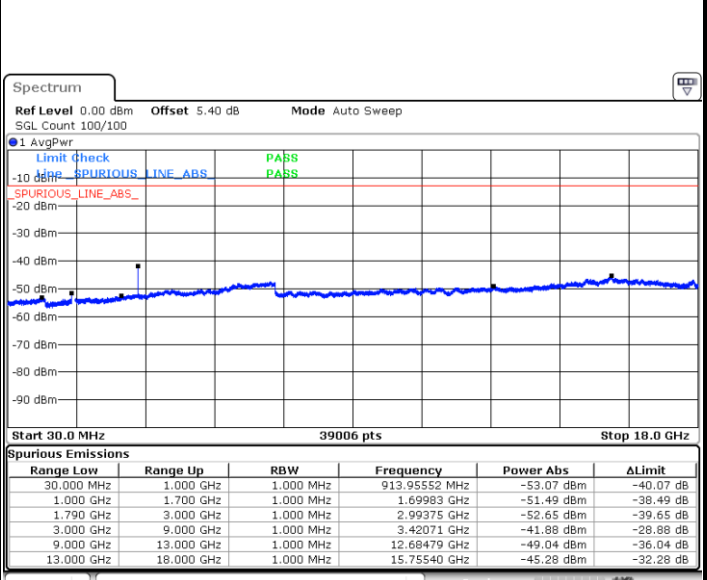
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 7.NOV.2020 23:43:59

Lowest Channel / 16QAM



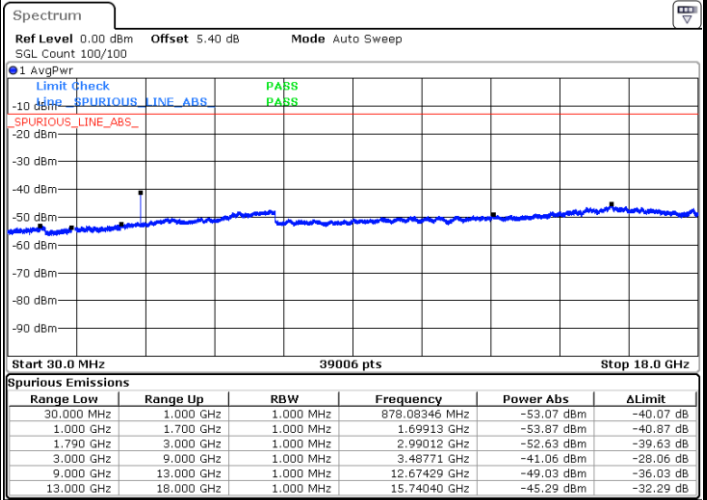
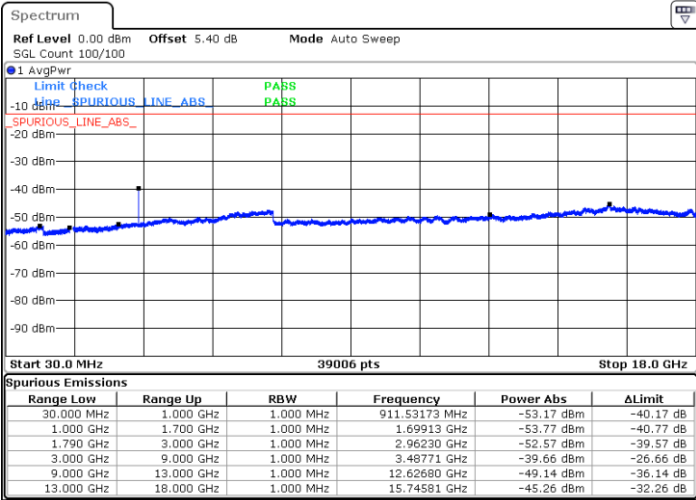
Date: 7.NOV.2020 23:45:13



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

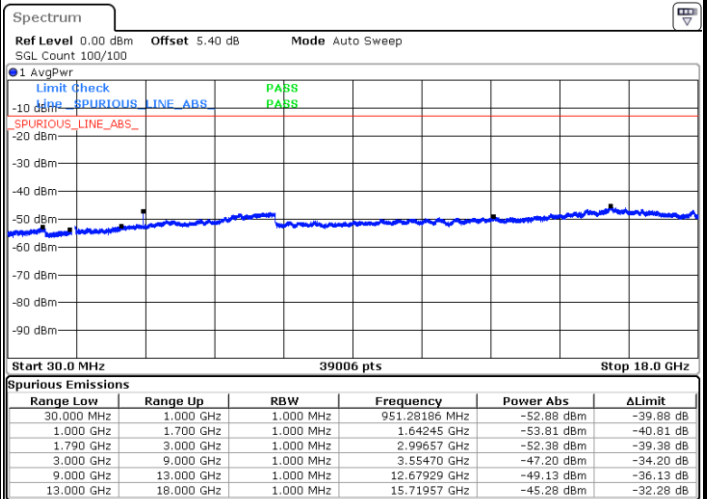
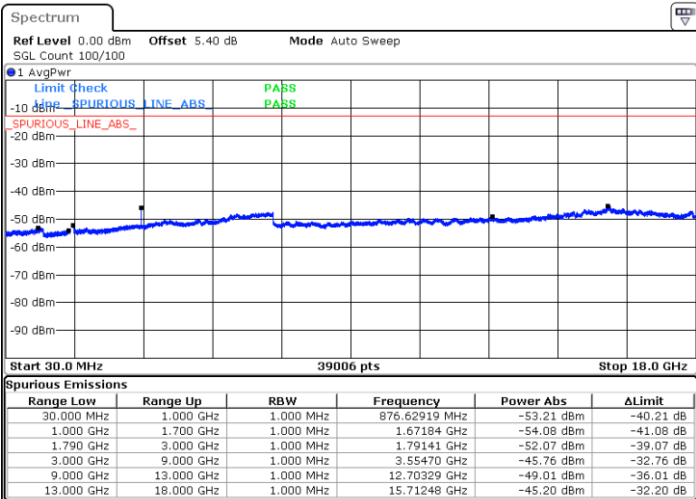


Date: 7.NOV.2020 23:49:38

Date: 7.NOV.2020 23:50:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.NOV.2020 23:59:05

Date: 8.NOV.2020 00:00:51

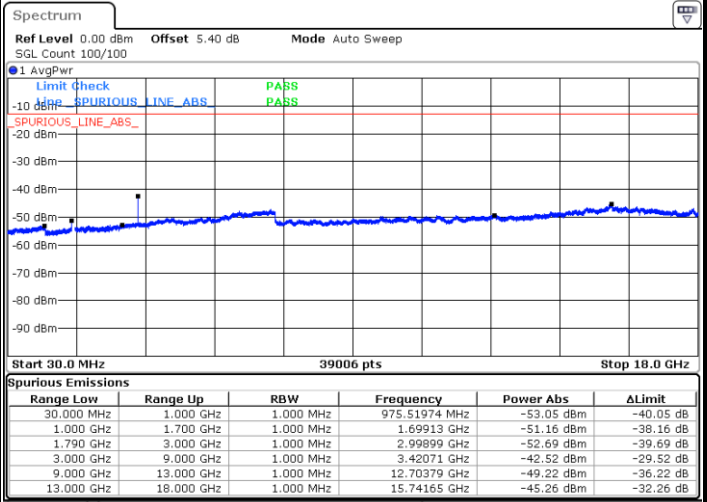
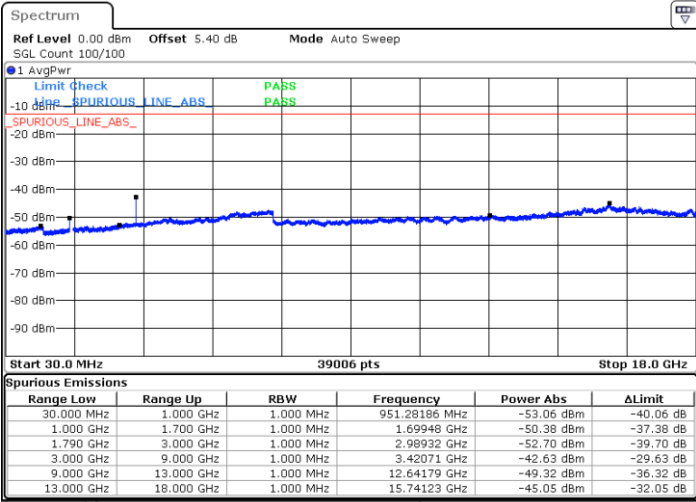




LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

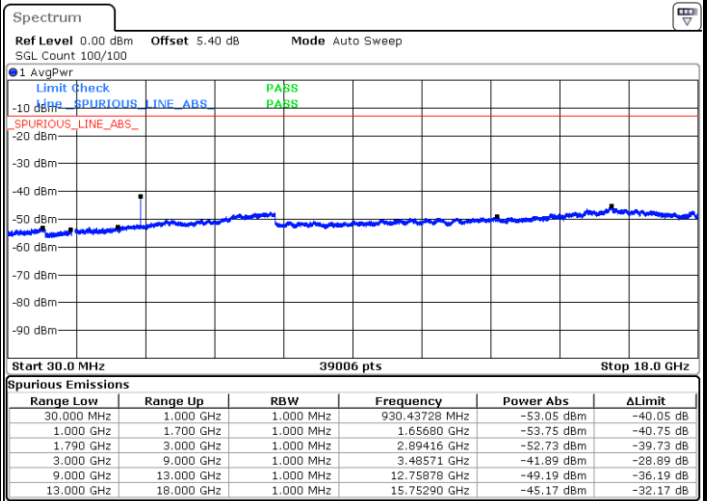
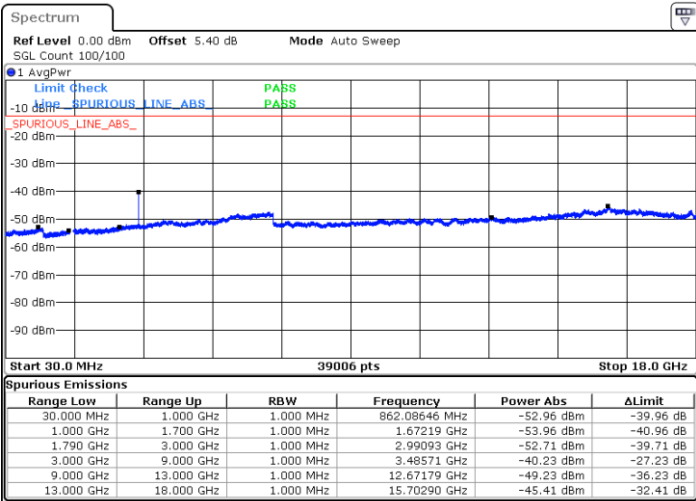


Date: 8.NOV.2020 00:14:14

Date: 8.NOV.2020 00:15:53

Middle Channel / QPSK

Middle Channel / 16QAM



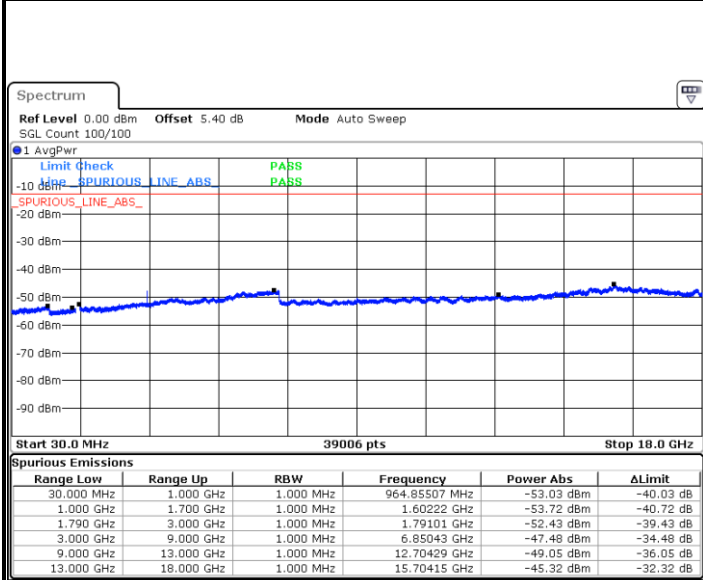
Date: 8.NOV.2020 00:21:02

Date: 8.NOV.2020 00:22:10



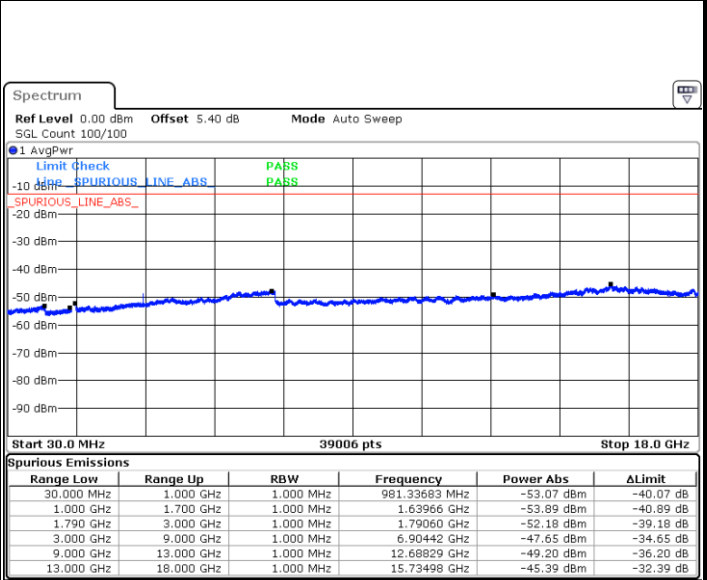
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 8.NOV.2020 00:29:12

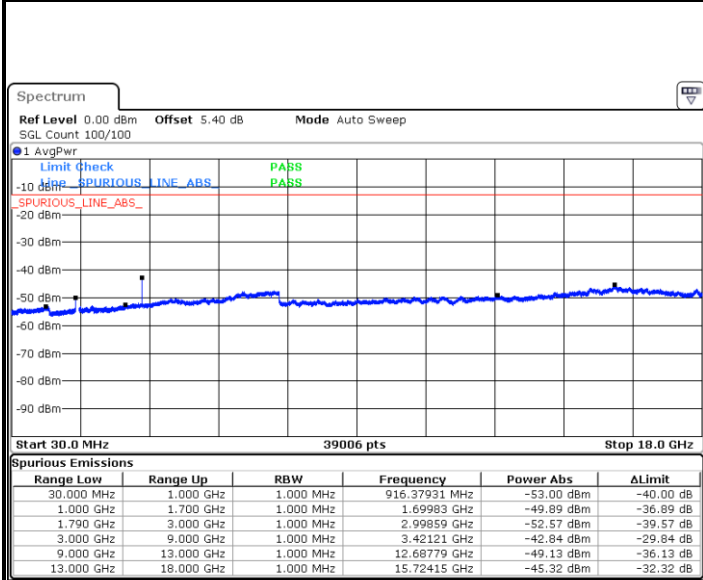
Highest Channel / 16QAM



Date: 8.NOV.2020 00:29:48

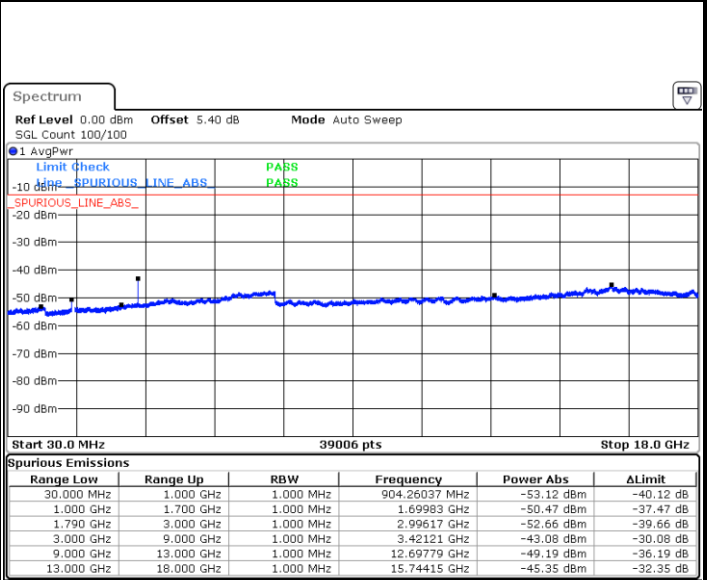
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 8.NOV.2020 00:36:55

Lowest Channel / 16QAM



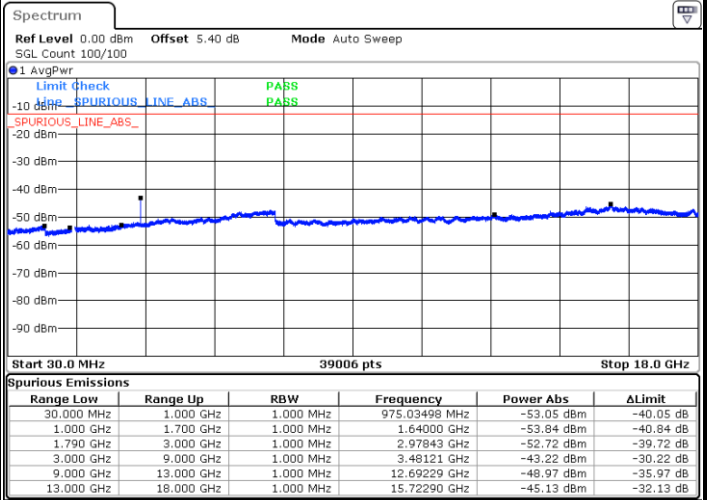
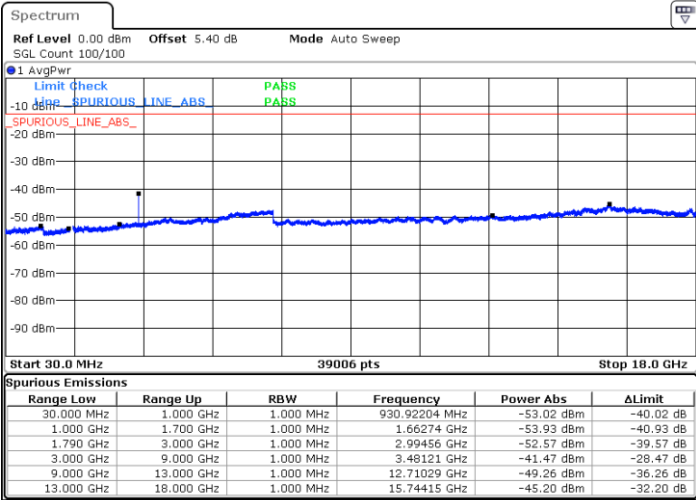
Date: 8.NOV.2020 00:38:20



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

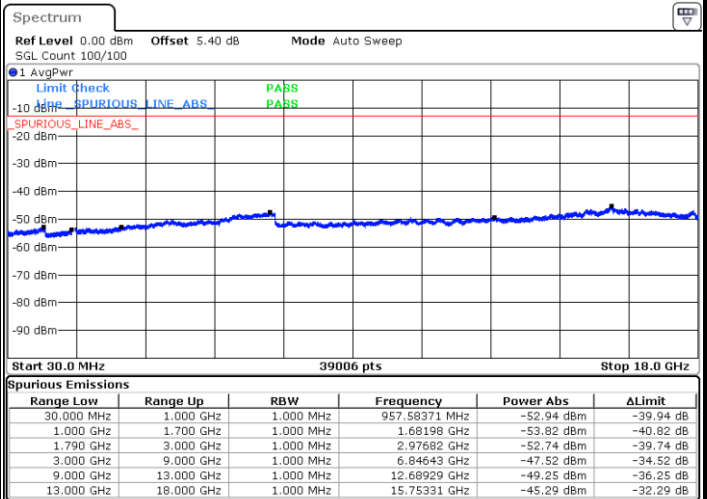
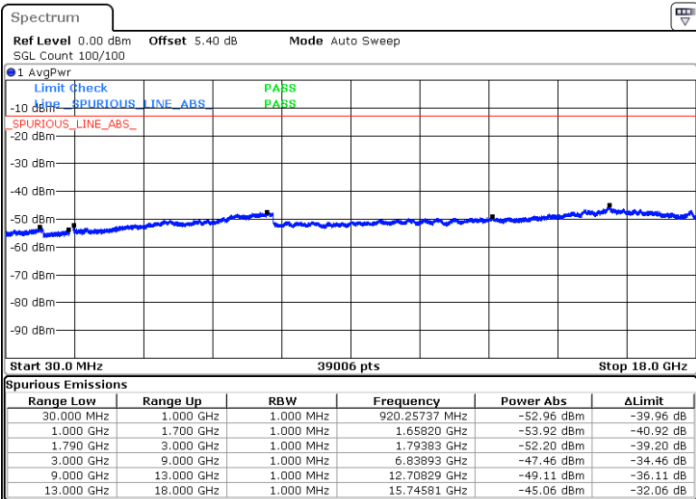


Date: 8.NOV.2020 00:42:23

Date: 8.NOV.2020 00:44:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.NOV.2020 00:48:25

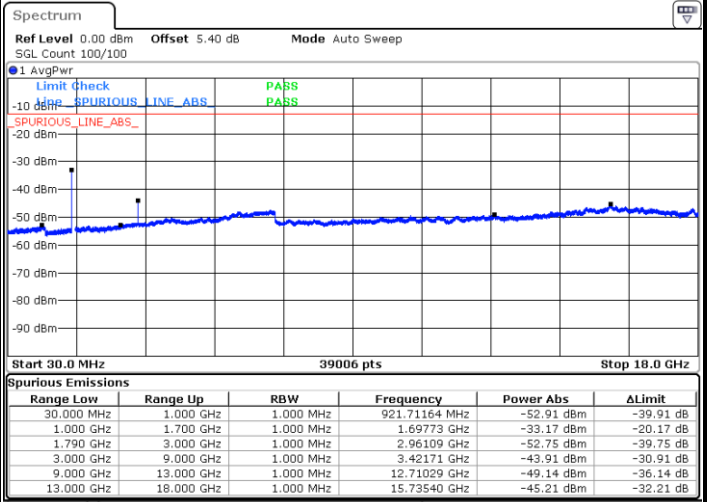
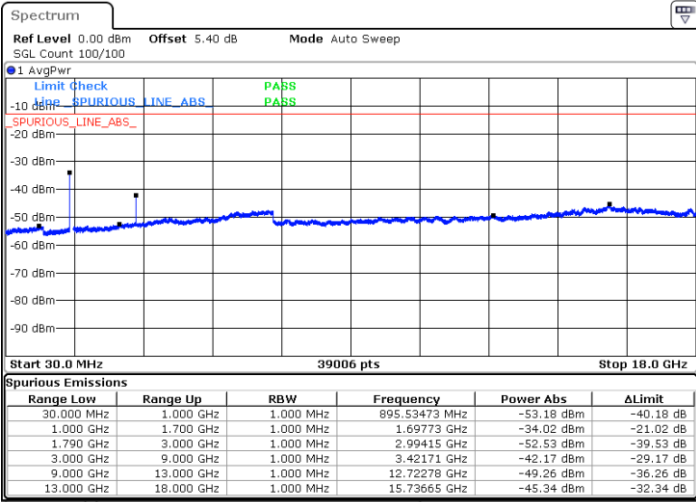
Date: 8.NOV.2020 00:49:05



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

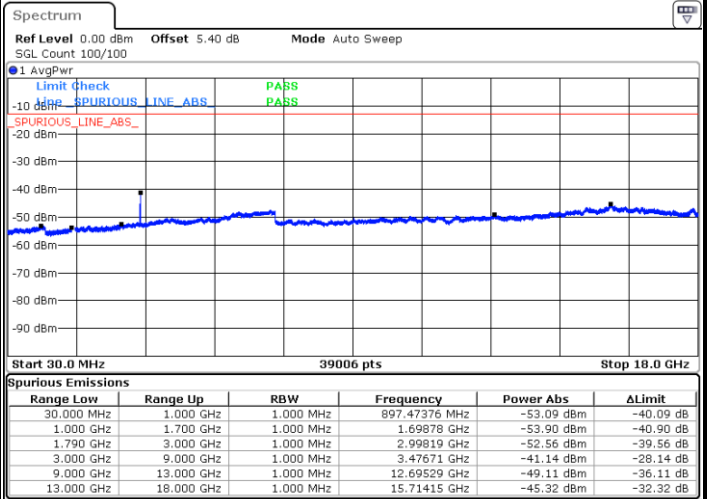
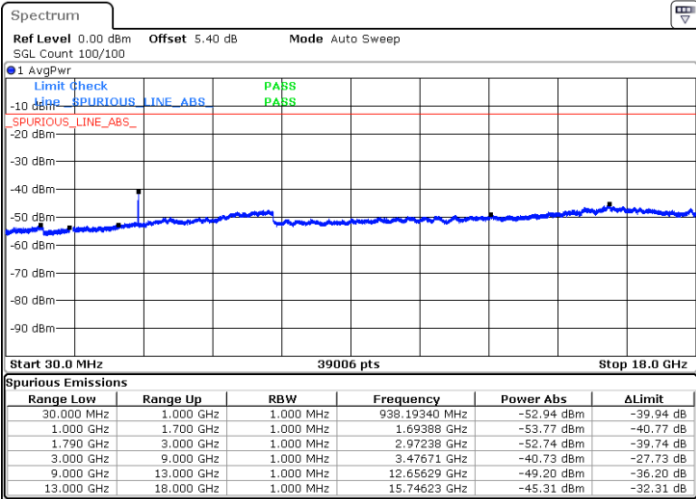


Date: 8.NOV.2020 00:52:53

Date: 8.NOV.2020 00:53:41

Middle Channel / QPSK

Middle Channel / 16QAM



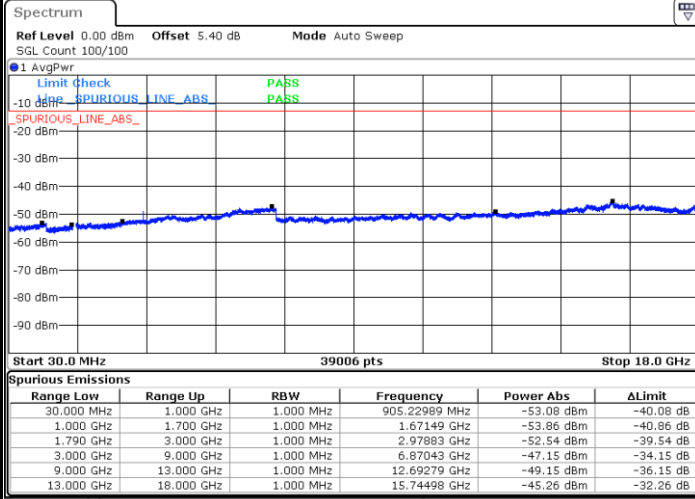
Date: 8.NOV.2020 00:56:18

Date: 8.NOV.2020 00:56:59



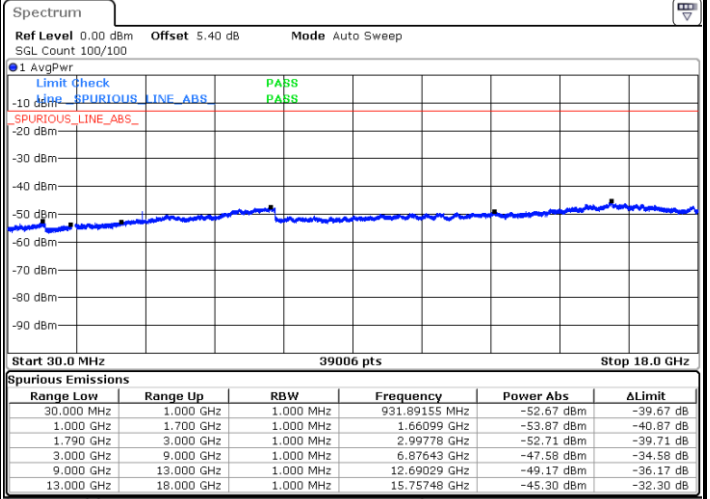
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8.NOV.2020 01:00:35

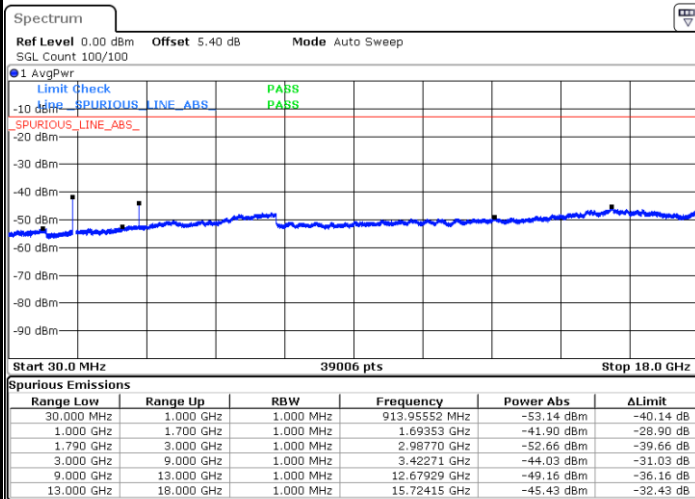
Highest Channel / 16QAM



Date: 8.NOV.2020 01:01:42

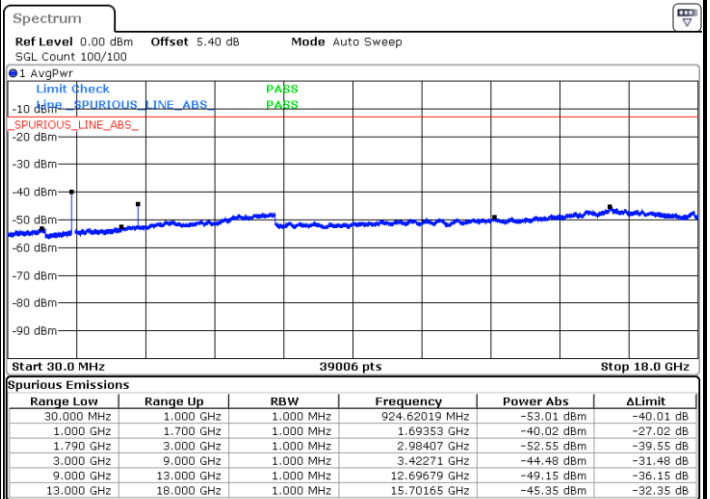
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 8.NOV.2020 01:05:52

Lowest Channel / 16QAM



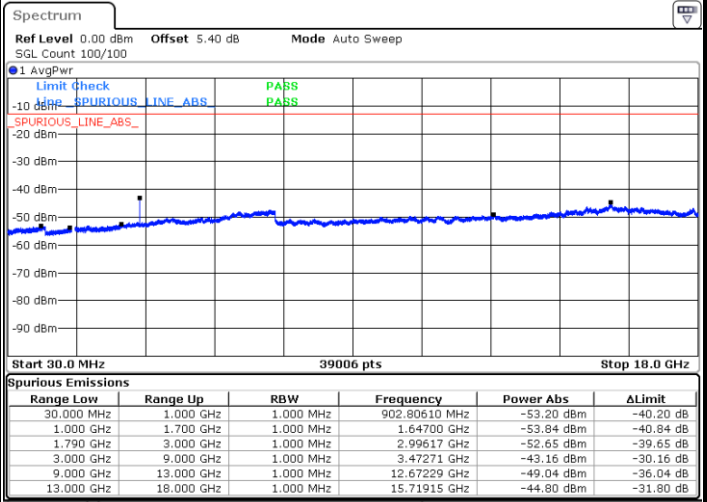
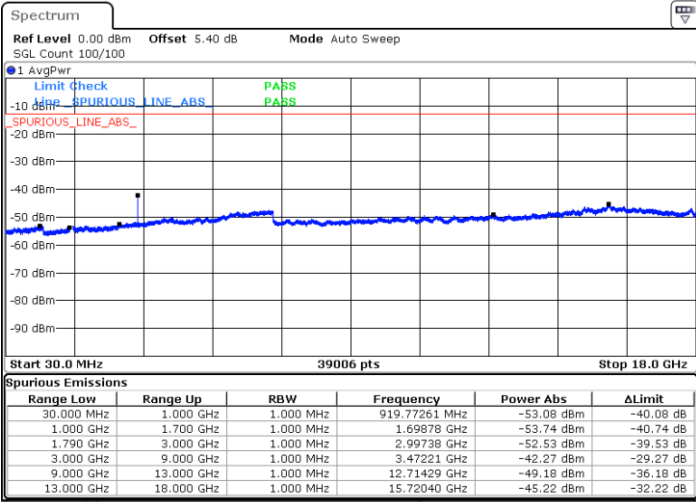
Date: 8.NOV.2020 01:06:54



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

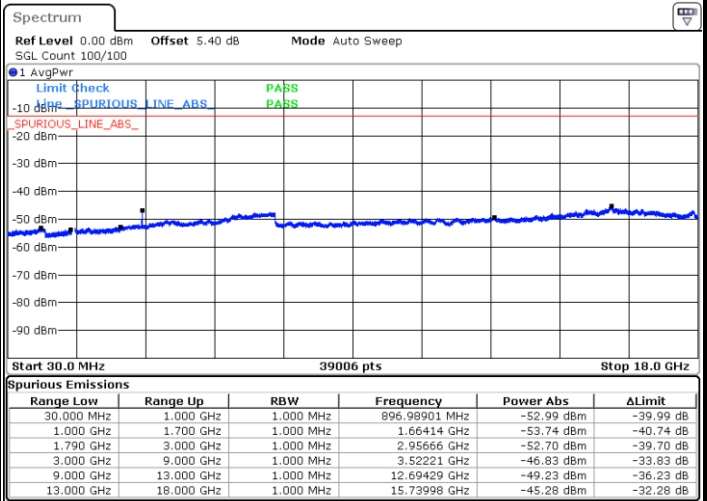
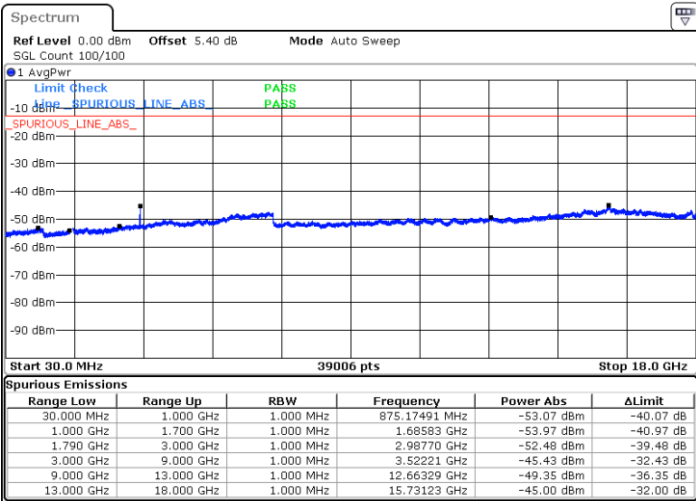


Date: 8.NOV.2020 01:09:56

Date: 8.NOV.2020 01:10:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.NOV.2020 01:14:41

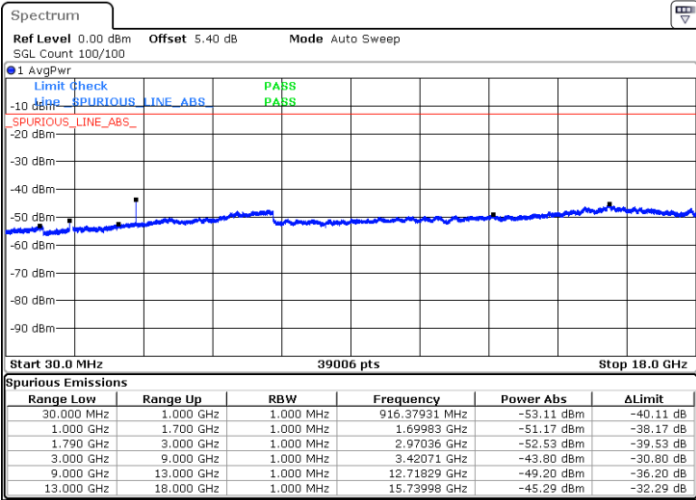
Date: 8.NOV.2020 01:15:28



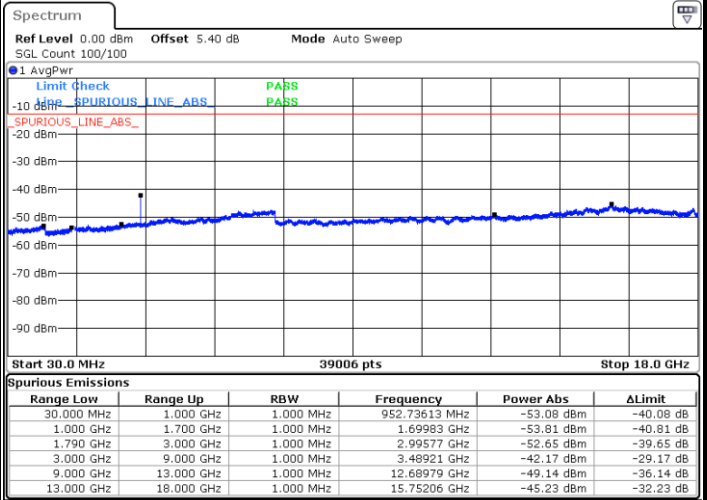
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

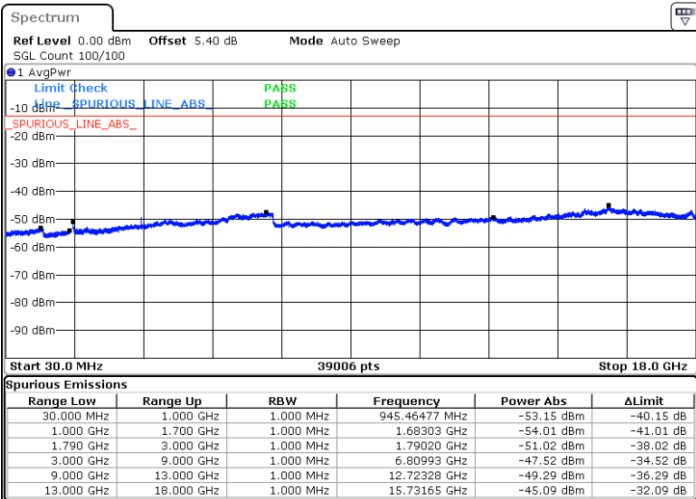


Date: 7.NOV.2020 23:09:46



Date: 7.NOV.2020 23:14:29

Highest Channel / 64QAM

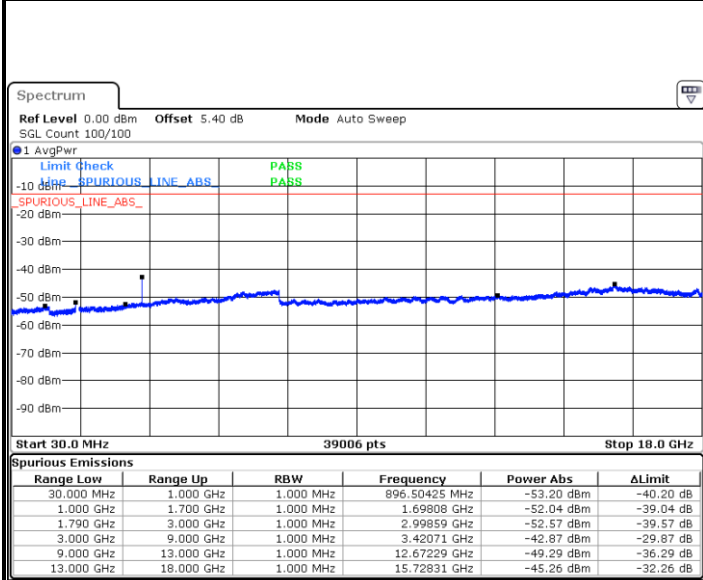


Date: 7.NOV.2020 23:32:26



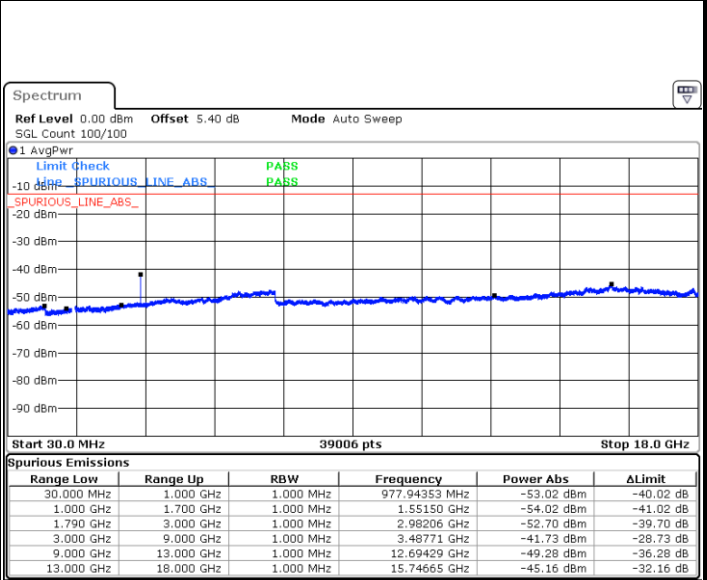
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



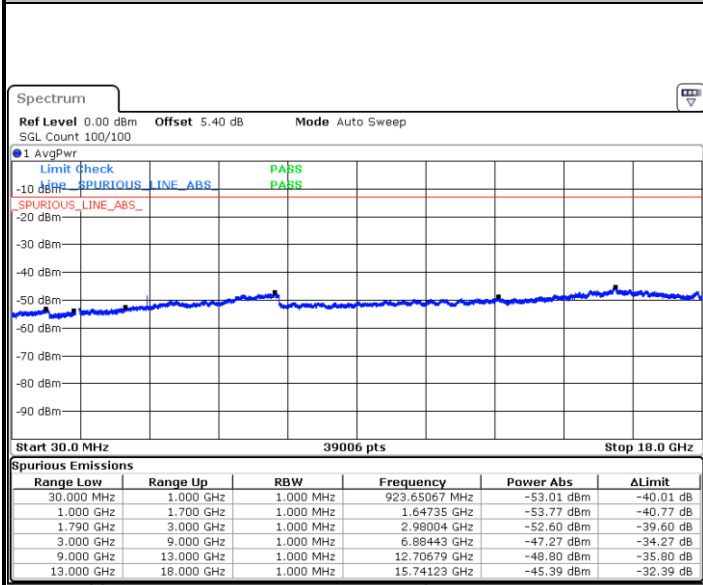
Date: 7.NOV.2020 23:46:27

Middle Channel / 64QAM



Date: 7.NOV.2020 23:51:00

Highest Channel / 64QAM



Date: 8.NOV.2020 00:03:45

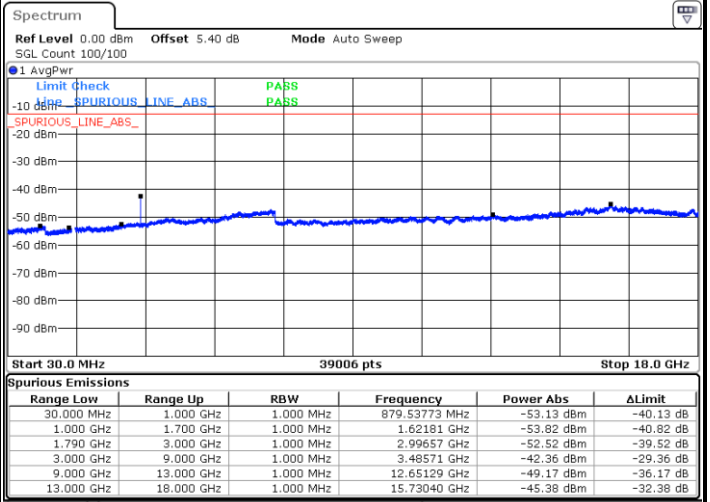
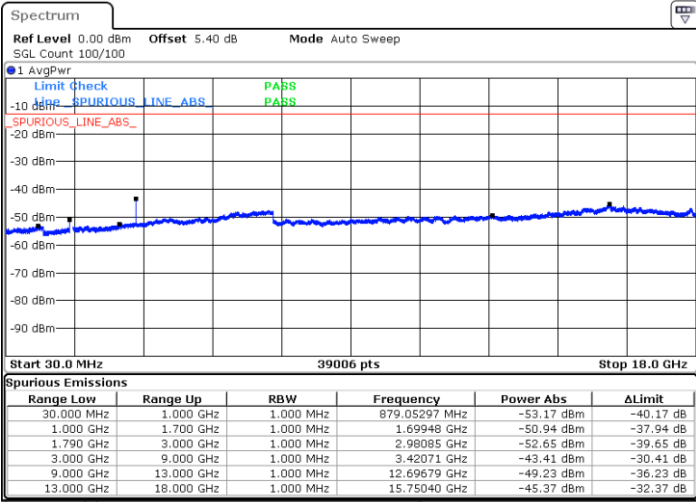




LTE Band 66 / 5MHz

Lowest Channel / 64QAM

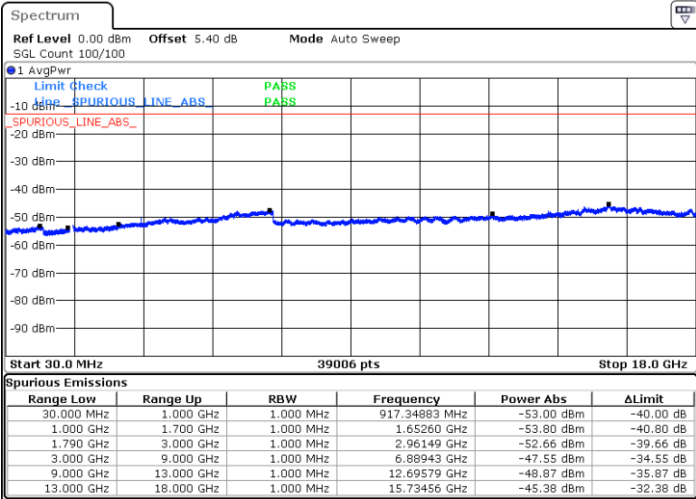
Middle Channel / 64QAM



Date: 8.NOV.2020 00:18:40

Date: 8.NOV.2020 00:22:50

Highest Channel / 64QAM



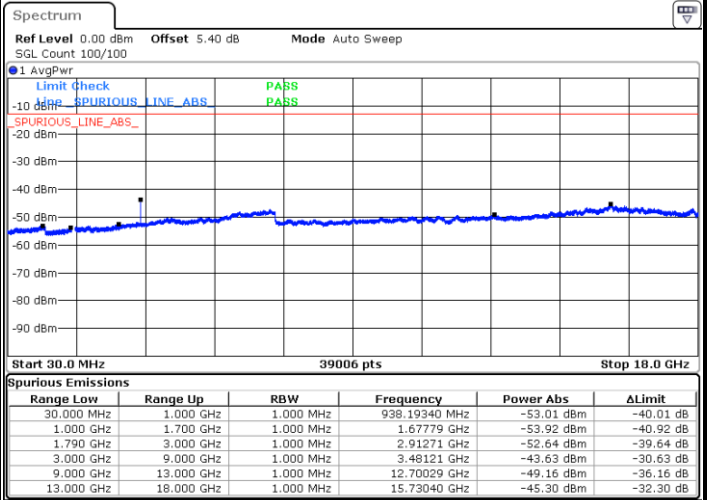
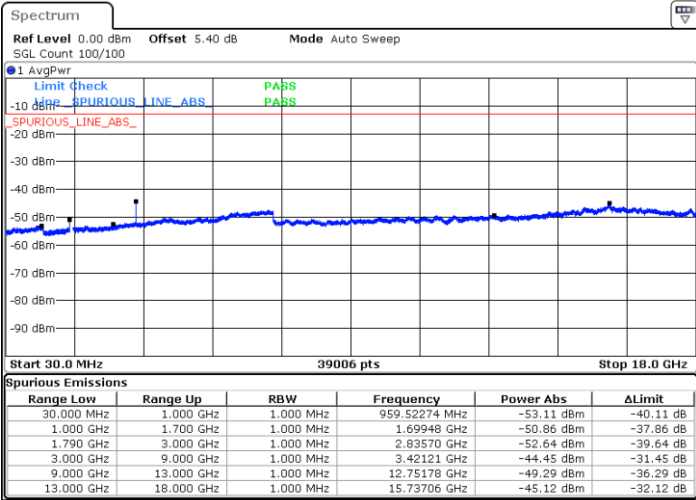
Date: 8.NOV.2020 00:30:27



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

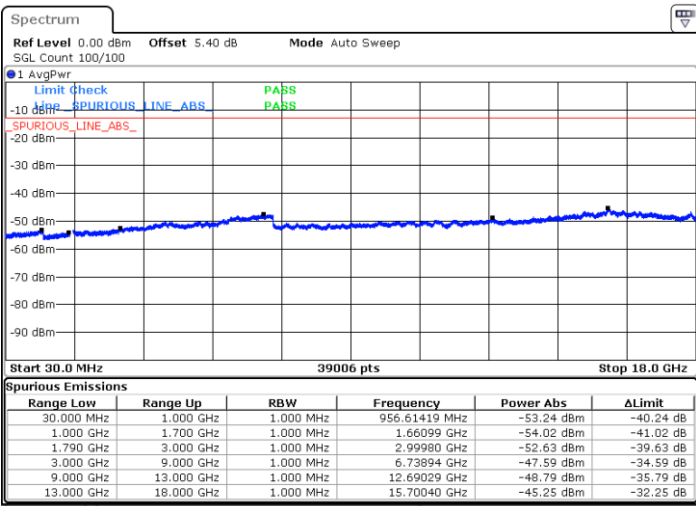
Middle Channel / 64QAM



Date: 8.NOV.2020 00:40:37

Date: 8.NOV.2020 00:44:47

Highest Channel / 64QAM



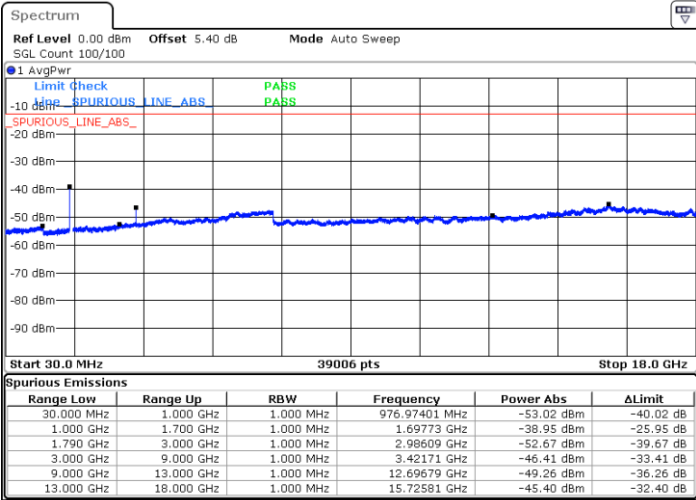
Date: 8.NOV.2020 00:49:43



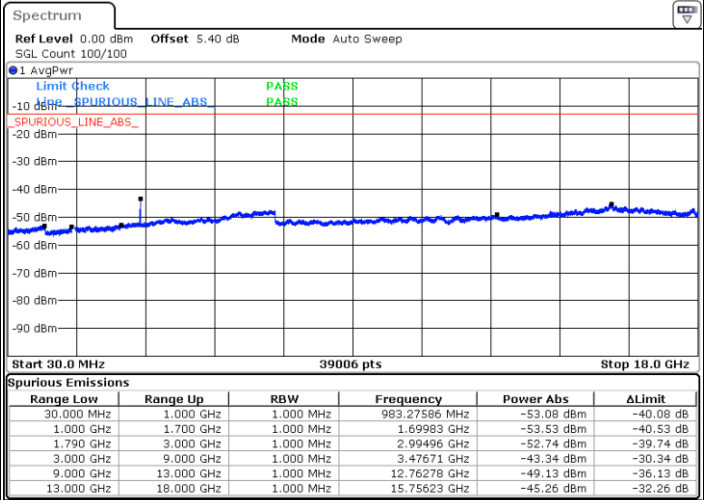
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

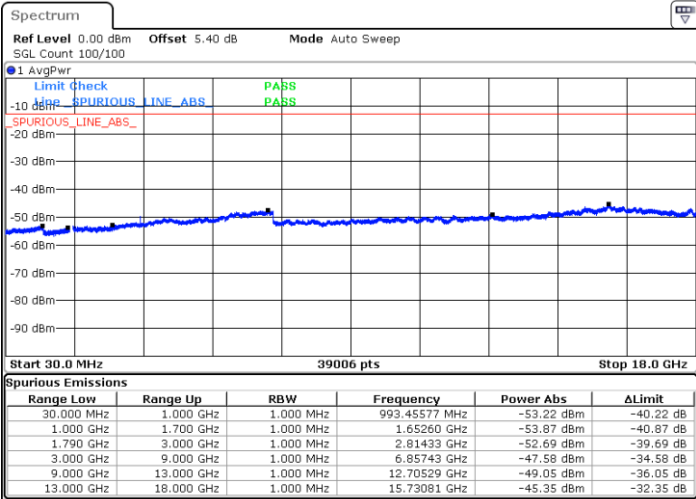


Date: 8.NOV.2020 00:54:27



Date: 8.NOV.2020 00:57:38

Highest Channel / 64QAM



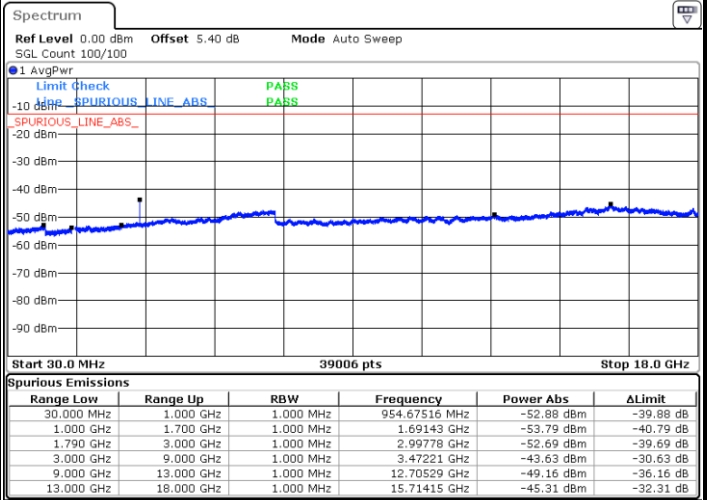
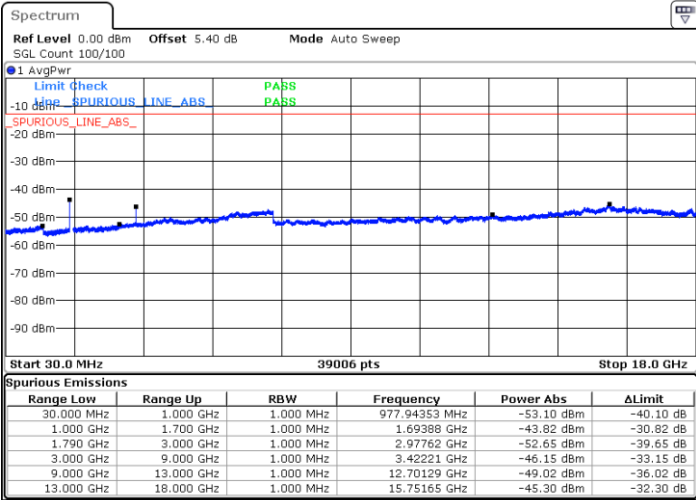
Date: 8.NOV.2020 01:02:22



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

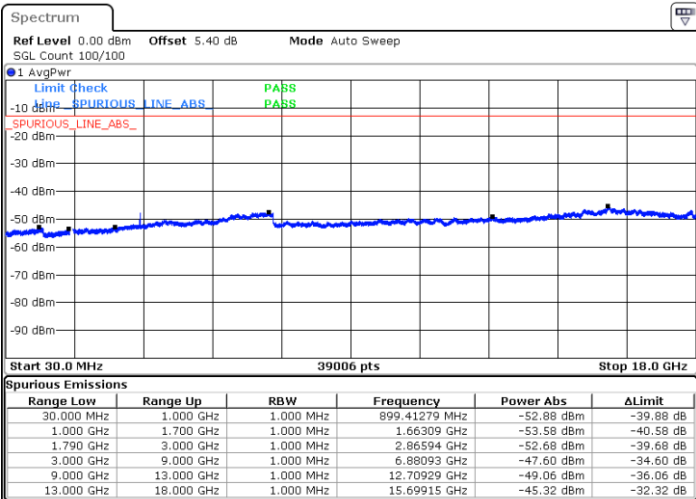
Middle Channel / 64QAM



Date: 8.NOV.2020 01:07:48

Date: 8.NOV.2020 01:11:29

Highest Channel / 64QAM



Date: 8.NOV.2020 01:16:15



### Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 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 2 / 20MHz / QPSK								
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	3741	-56.80	-13	-43.80	-69.06	2.64	14.90	H
	5613	-54.73	-13	-41.73	-66.59	2.94	14.80	H
	7488	-52.57	-13	-39.57	-62.34	3.39	13.16	H
	3741	-56.60	-13	-43.60	-68.86	2.64	14.90	V
	5613	-54.52	-13	-41.52	-66.38	2.94	14.80	V
	7488	-52.57	-13	-39.57	-62.34	3.39	13.16	V

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

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1398	-67.70	-13	-54.70	-74.67	1.58	10.70	H
	2096	-61.47	-13	-48.47	-69.72	2.102	12.50	H
	2794	-59.74	-13	-46.74	-68.63	2.856	13.90	H
	3492	-60.03	-13	-47.03	-68.49	2.689	13.30	H
	1398	-66.69	-13	-53.69	-73.66	1.58	10.70	V
	2096	-60.46	-13	-47.46	-68.71	2.10	12.50	V
	2794	-58.98	-13	-45.98	-67.87	2.86	13.90	V
	3492	-60.37	-13	-47.37	-68.83	2.69	13.30	V

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

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-64.49	-42.15	-22.34	-67.12	1.09	5.87	H
	2340	-59.84	-13	-46.84	-62.24	1.37	5.92	H
	3120	-58.54	-13	-45.54	-62.43	1.64	7.68	H
	1560	-61.64	-42.15	-19.49	-64.27	1.09	5.87	V
	2340	-58.43	-13	-45.43	-60.83	1.37	5.92	V
	3120	-58.29	-13	-45.29	-62.18	1.64	7.68	V

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



LTE Band 13 / 10MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-65.84	-13	-52.84	-68.47	1.09	5.87	H
	2332	-61.08	-13	-48.08	-63.48	1.37	5.92	H
	3108	-59.41	-13	-46.41	-63.30	1.64	7.68	H
	1556	-65.16	-13	-52.16	-67.79	1.09	5.87	V
	2332	-59.69	-13	-46.69	-62.09	1.37	5.92	V
	3108	-59.17	-13	-46.17	-63.06	1.64	7.68	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1660	-65.29	-13	-52.29	-72.26	1.58	10.70	H
	2490	-60.94	-13	-47.94	-69.19	2.102	12.50	H
	3318	-60.27	-13	-47.27	-69.16	2.856	13.90	H
	1660	-64.17	-13	-51.17	-71.14	1.58	10.70	V
	2490	-59.13	-13	-46.13	-67.38	2.10	12.50	V
	3318	-59.99	-13	-46.99	-68.88	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK								
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	3471	-57.28	-13	-44.28	-68.02	2.604	13.34	H
	5208	-54.23	-13	-41.23	-64.74	3.011	13.52	H
	6948	-53.68	-13	-40.68	-63.88	3.271	13.47	H
	3471	-57.70	-13	-44.70	-68.44	2.604	13.34	V
	5208	-54.02	-13	-41.02	-64.53	3.011	13.52	V
	6948	-53.42	-13	-40.42	-63.62	3.271	13.47	V

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