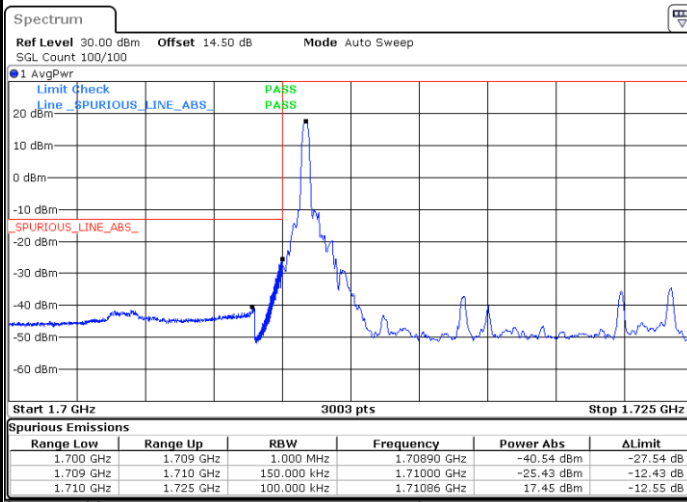




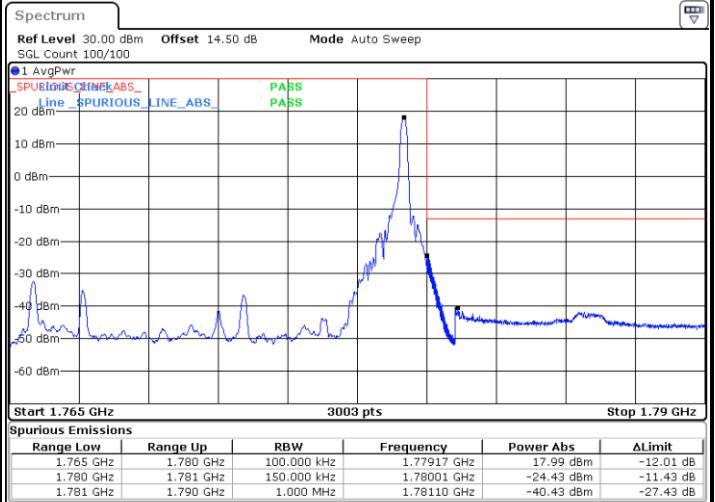
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



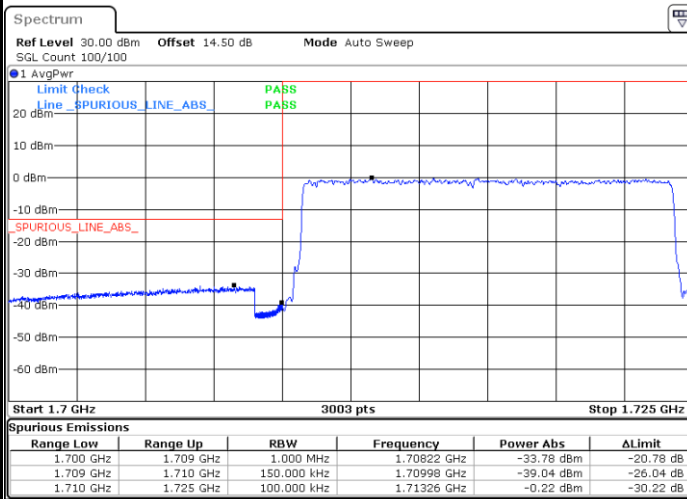
Date: 12.MAY.2023 23:32:47

Highest Band Edge / 1 RB



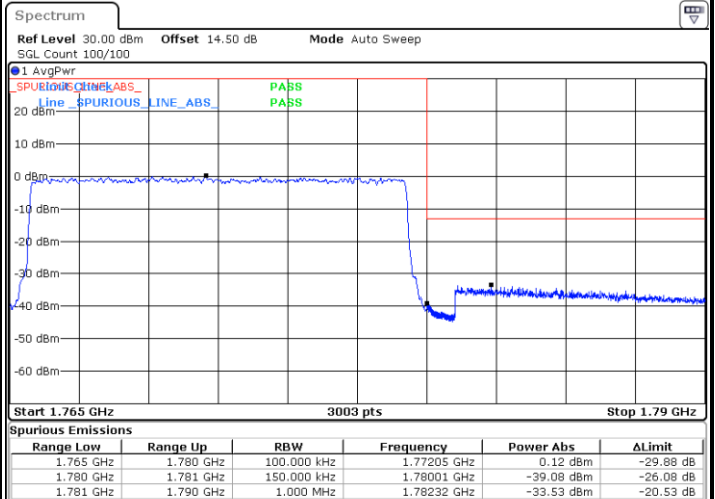
Date: 12.MAY.2023 23:35:23

Lowest Band Edge / Full RB



Date: 12.MAY.2023 23:34:06

Highest Band Edge / Full RB

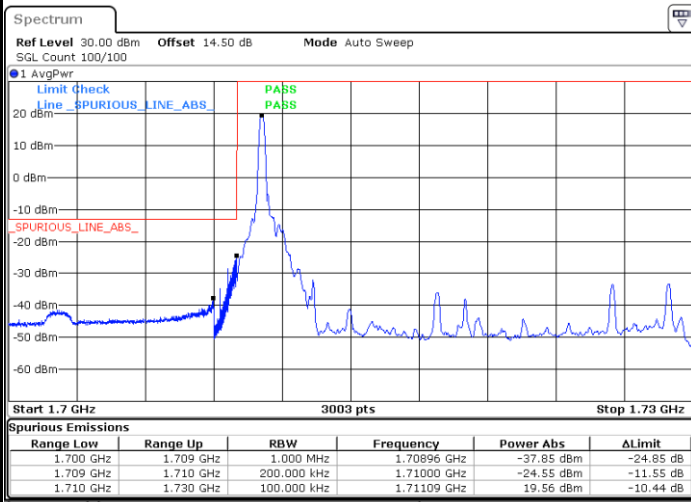


Date: 12.MAY.2023 23:36:42



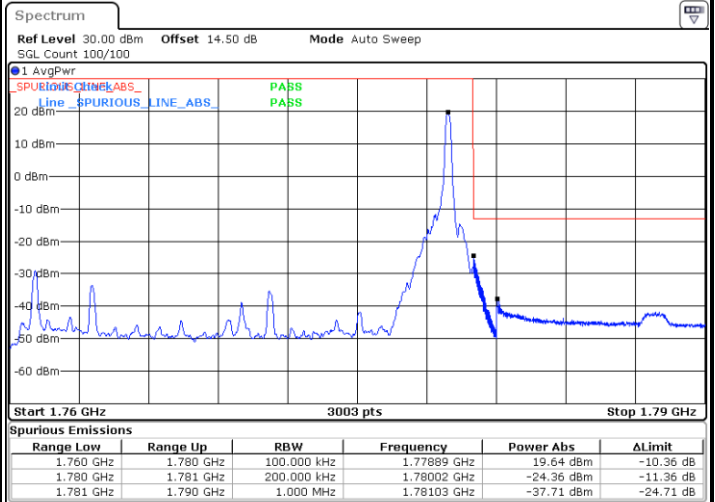
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



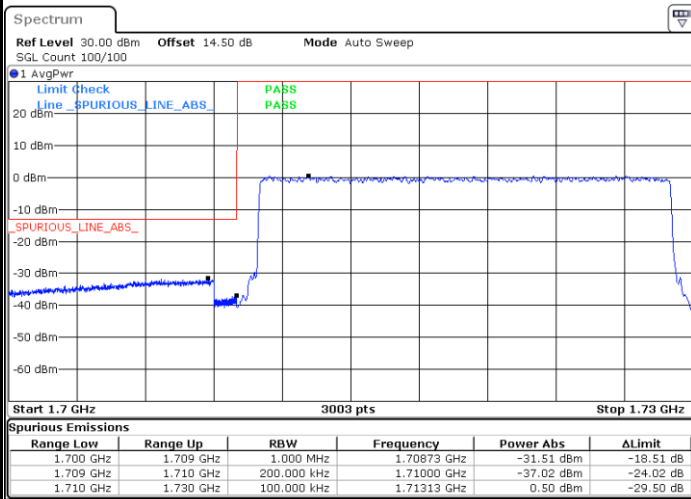
Date: 12.MAY.2023 23:48:19

Highest Band Edge / 1 RB



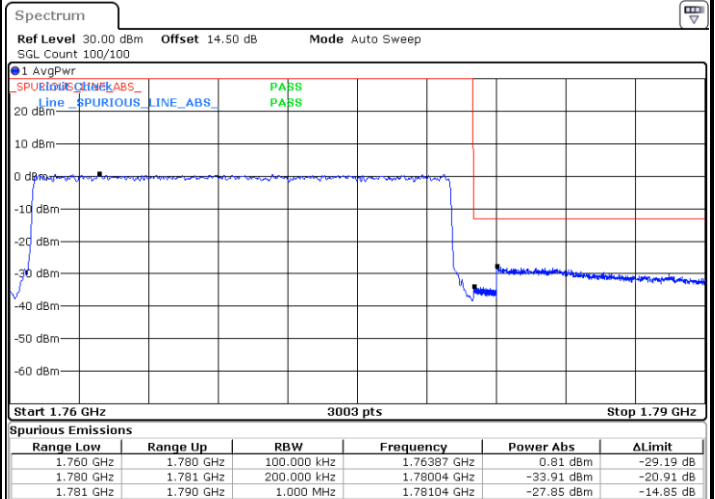
Date: 12.MAY.2023 23:53:25

Lowest Band Edge / Full RB



Date: 12.MAY.2023 23:50:48

Highest Band Edge / Full RB

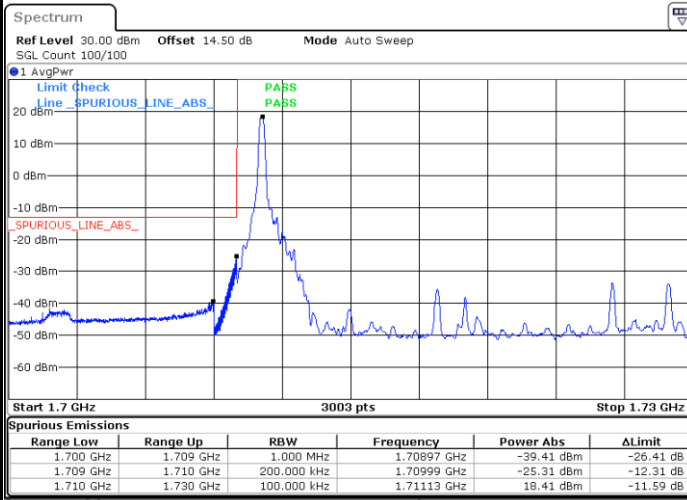


Date: 12.MAY.2023 23:55:55



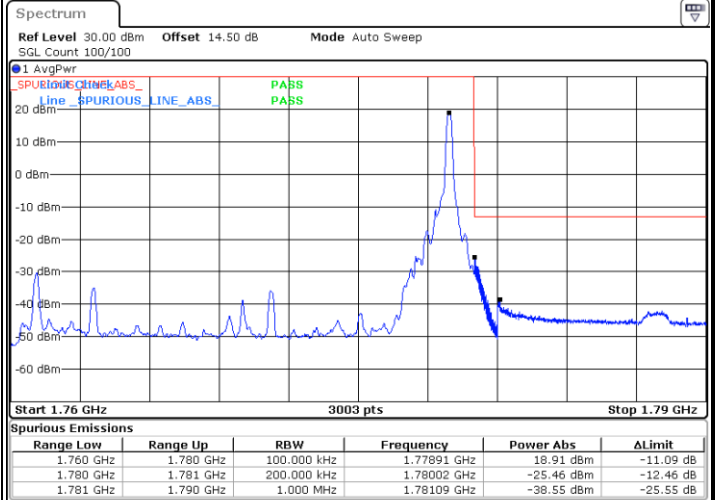
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



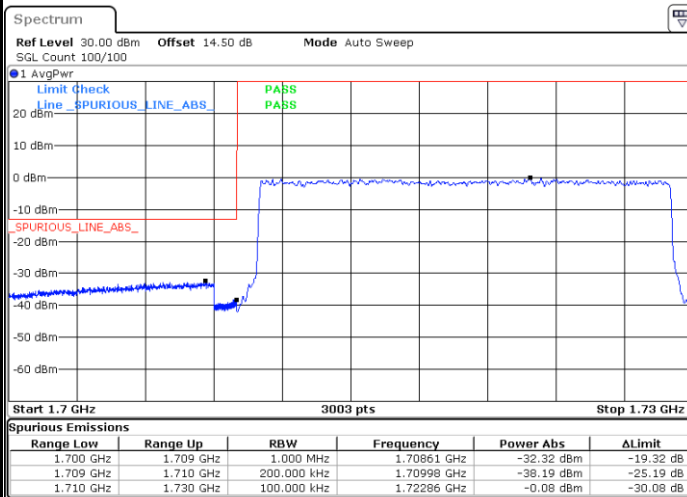
Date: 12.MAY.2023 23:49:31

Highest Band Edge / 1 RB



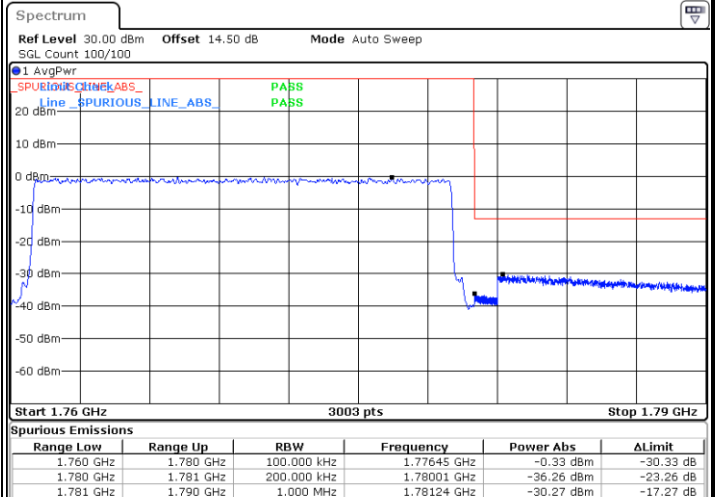
Date: 12.MAY.2023 23:54:37

Lowest Band Edge / Full RB



Date: 12.MAY.2023 23:52:07

Highest Band Edge / Full RB

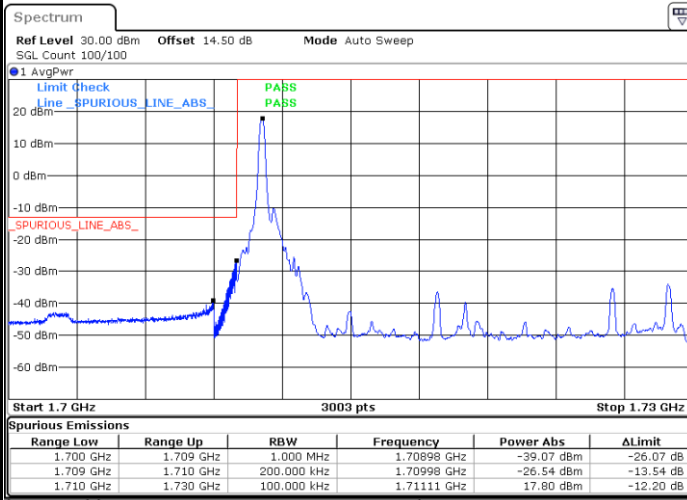


Date: 12.MAY.2023 23:57:07



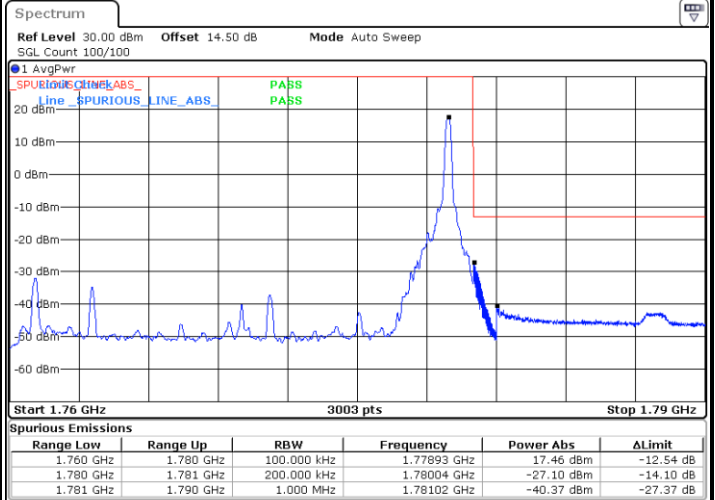
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



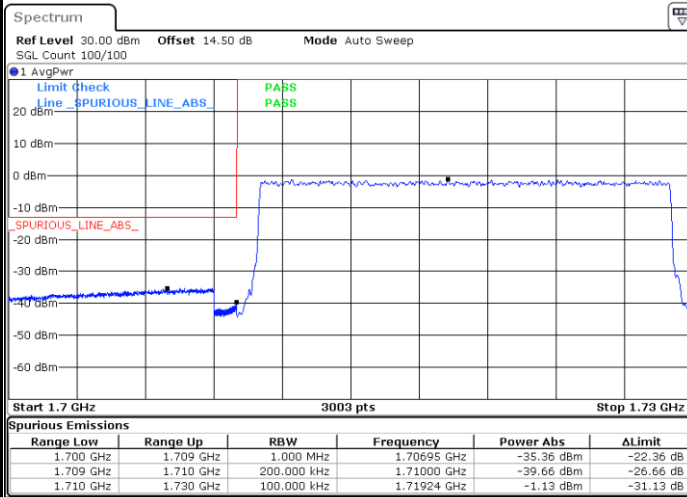
Date: 12.MAY.2023 23:58:20

Highest Band Edge / 1 RB



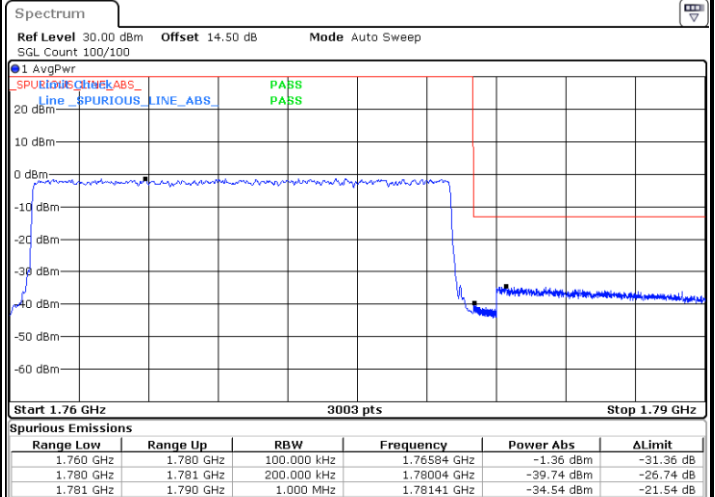
Date: 13.MAY.2023 00:00:56

Lowest Band Edge / Full RB



Date: 12.MAY.2023 23:59:37

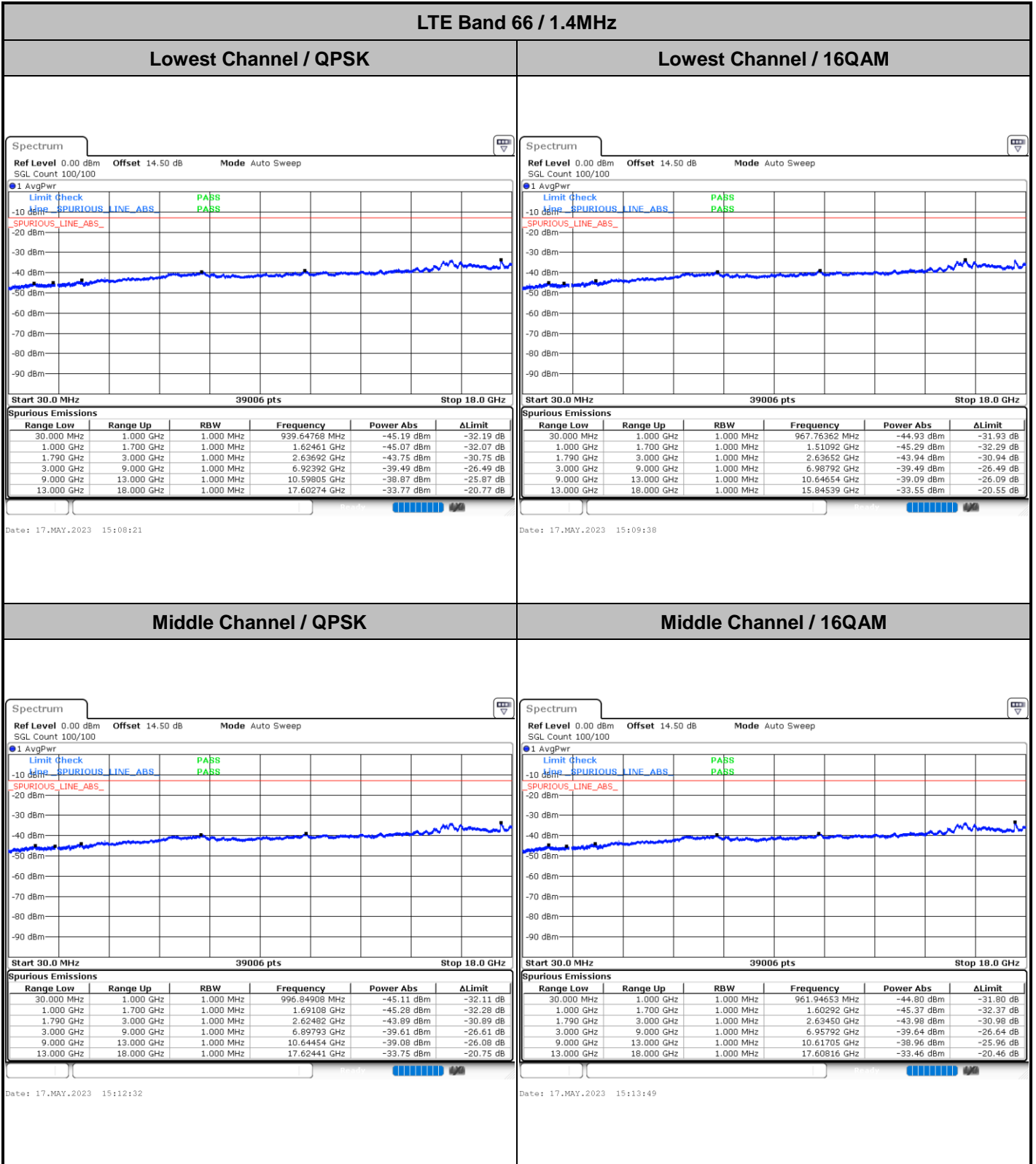
Highest Band Edge / Full RB



Date: 13.MAY.2023 00:02:13



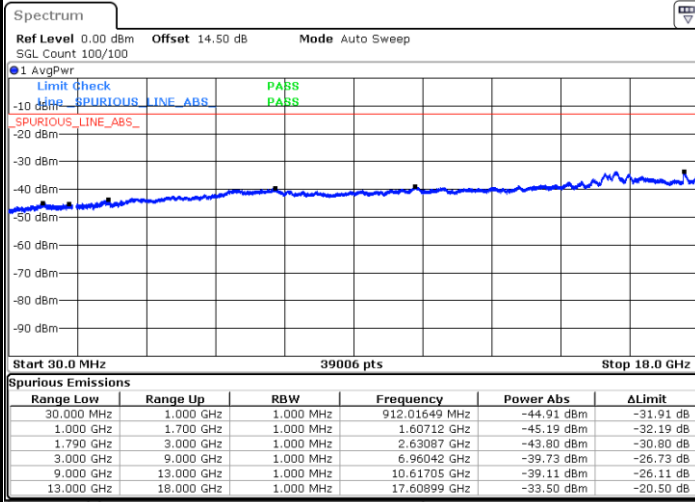
Conducted Spurious Emission





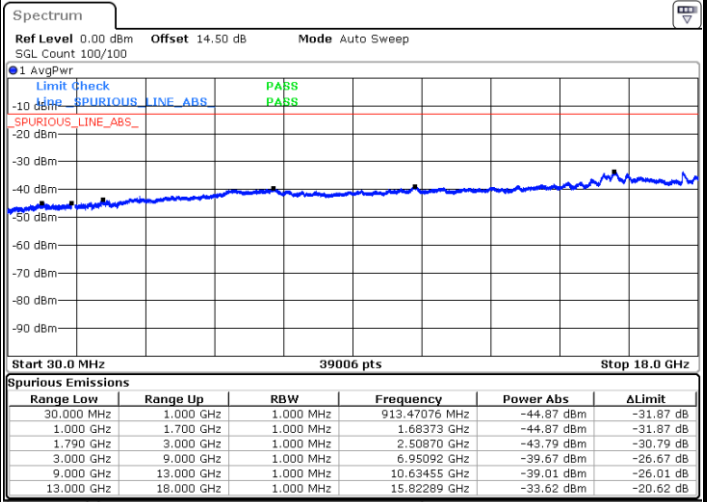
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 17.MAY.2023 15:16:44

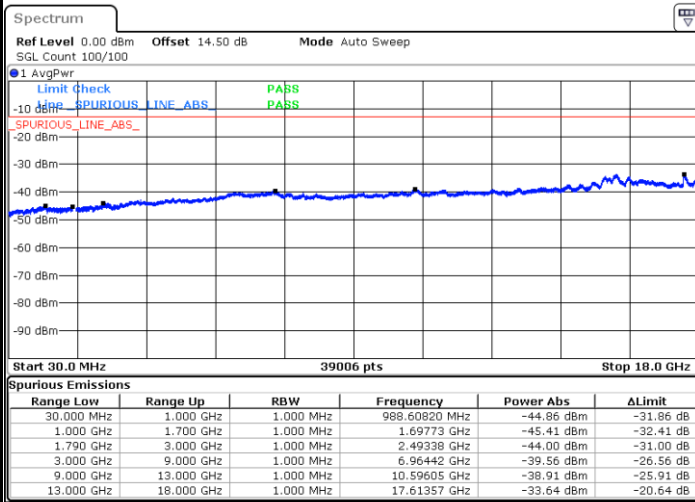
Highest Channel / 16QAM



Date: 17.MAY.2023 15:18:01

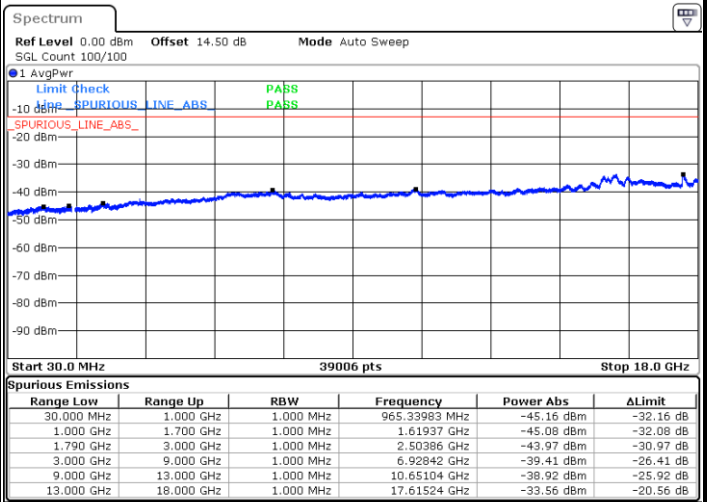
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 17.MAY.2023 15:26:46

Lowest Channel / 16QAM



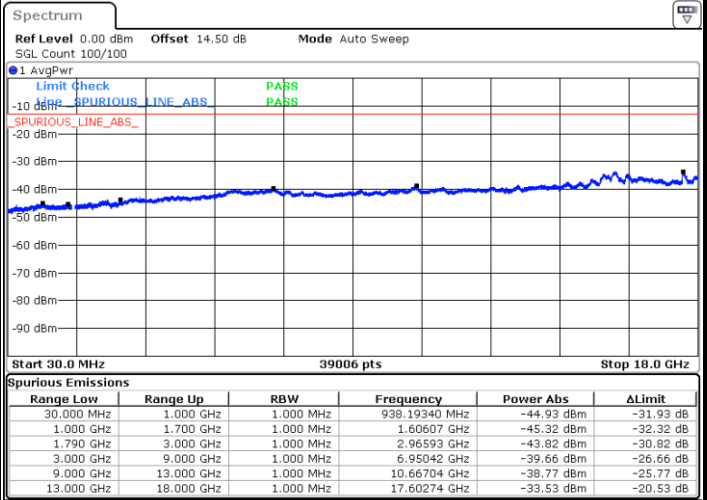
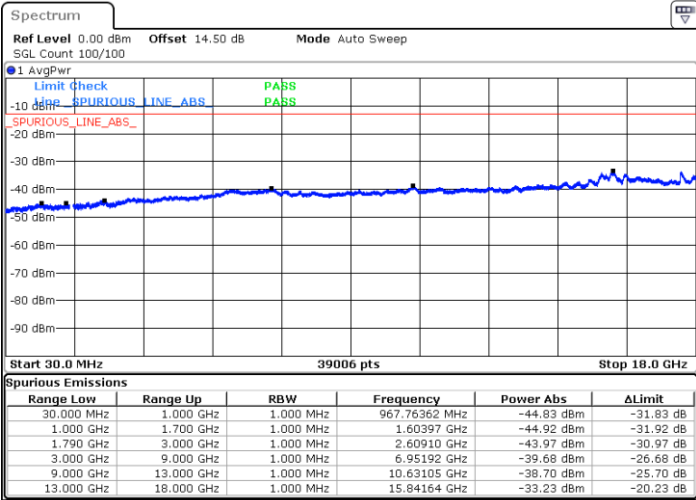
Date: 17.MAY.2023 15:28:03



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

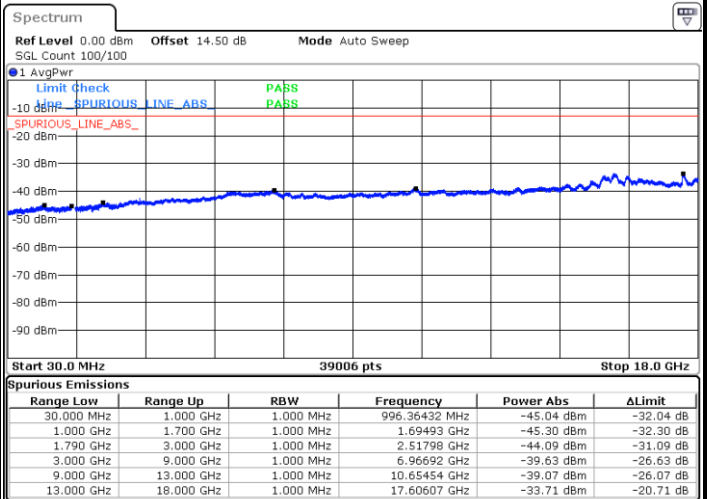
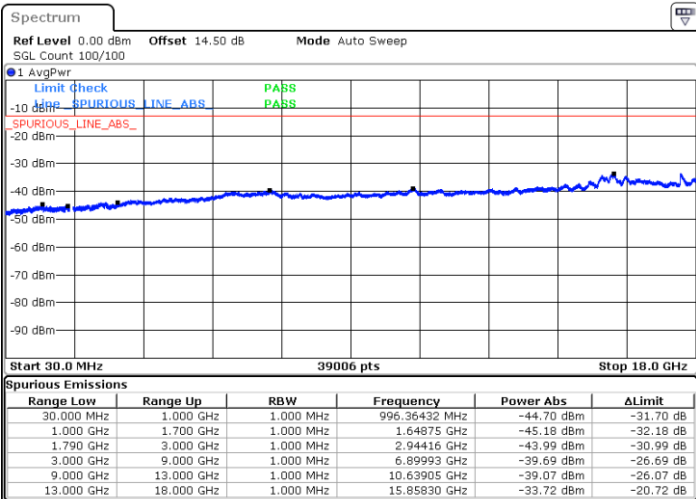


Date: 17.MAY.2023 15:30:57

Date: 17.MAY.2023 15:32:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAY.2023 15:35:10

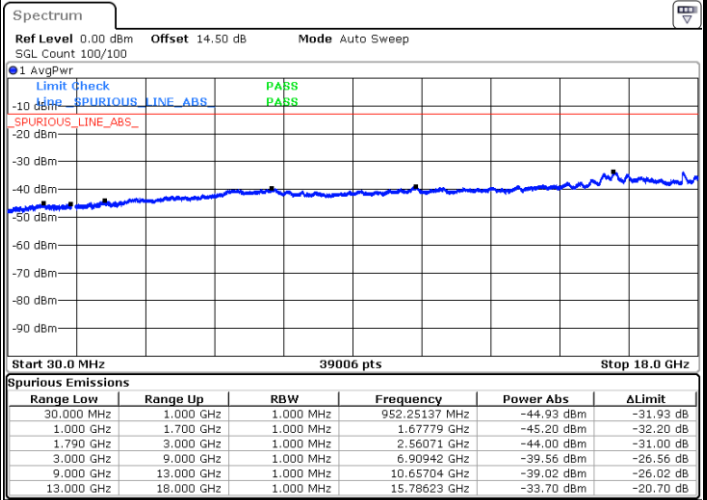
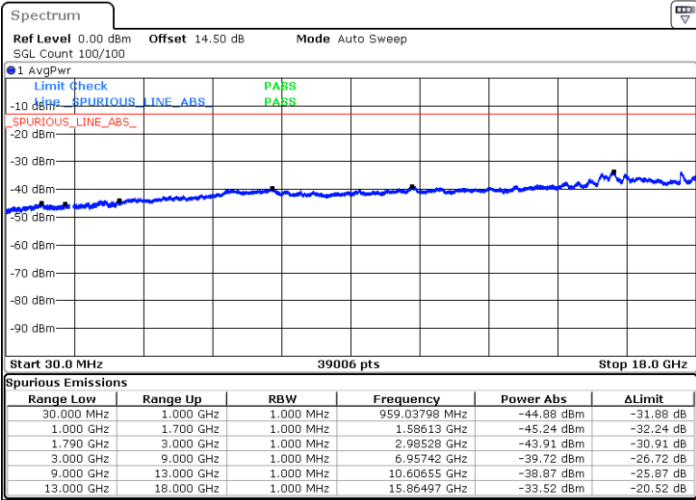
Date: 17.MAY.2023 15:36:27



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

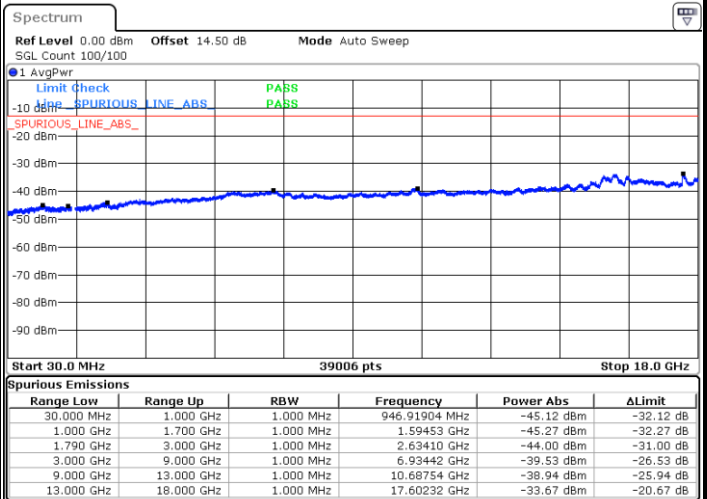
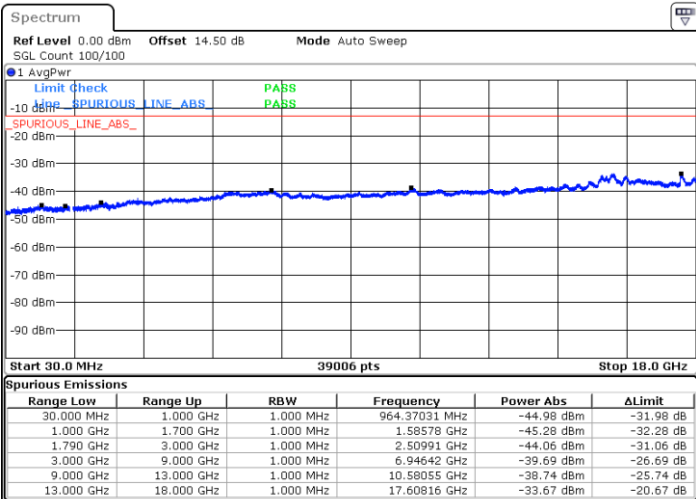


Date: 17.MAY.2023 15:51:01

Date: 17.MAY.2023 15:52:18

Middle Channel / QPSK

Middle Channel / 16QAM



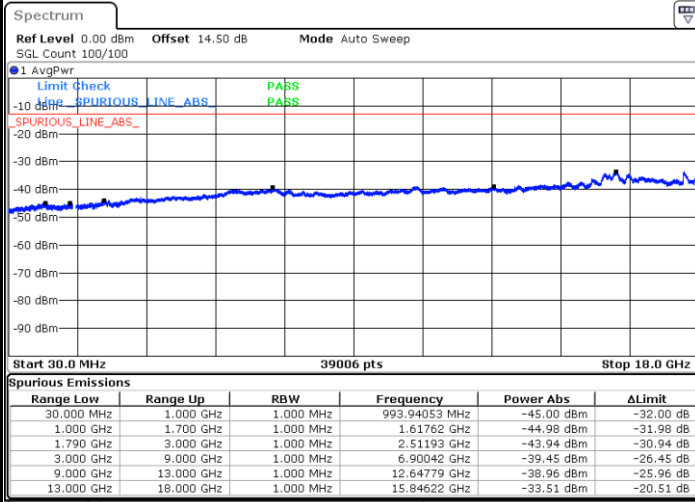
Date: 17.MAY.2023 15:55:13

Date: 17.MAY.2023 15:56:31



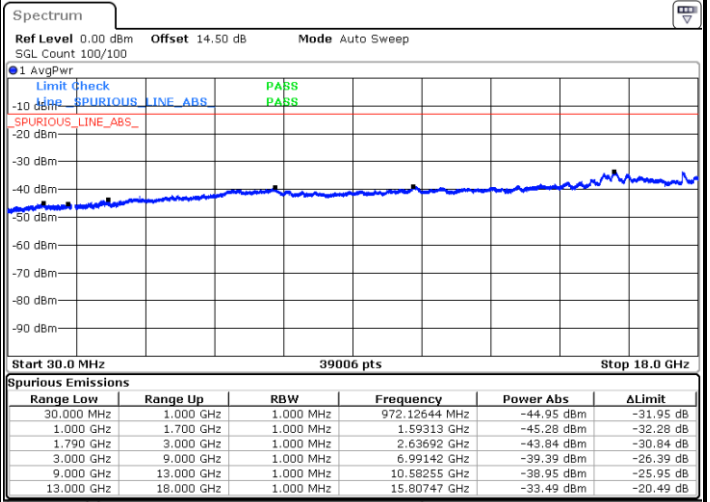
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 17.MAY.2023 15:59:24

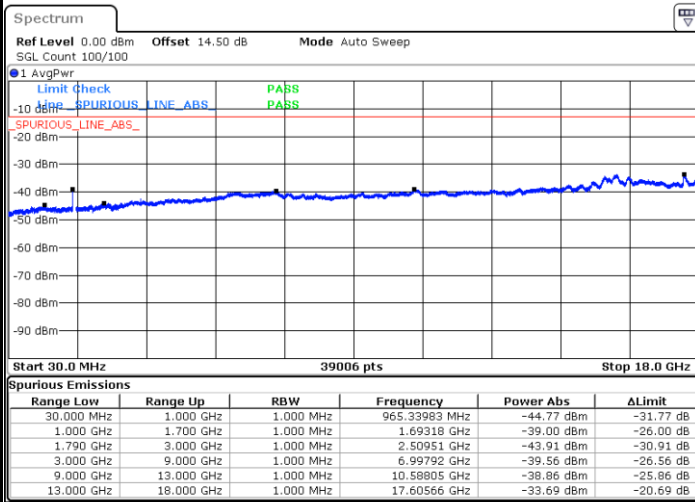
Highest Channel / 16QAM



Date: 17.MAY.2023 16:00:42

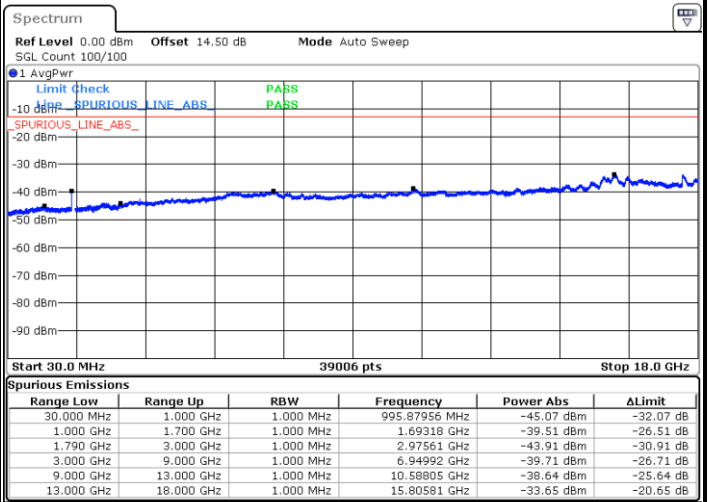
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 17.MAY.2023 16:03:36

Lowest Channel / 16QAM



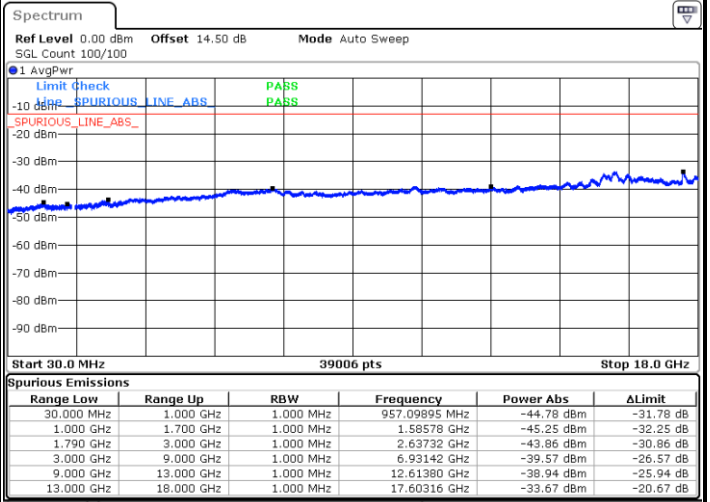
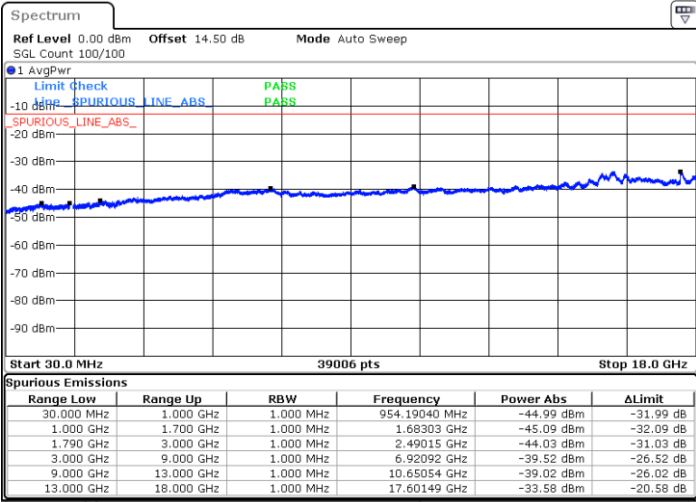
Date: 17.MAY.2023 16:04:54



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

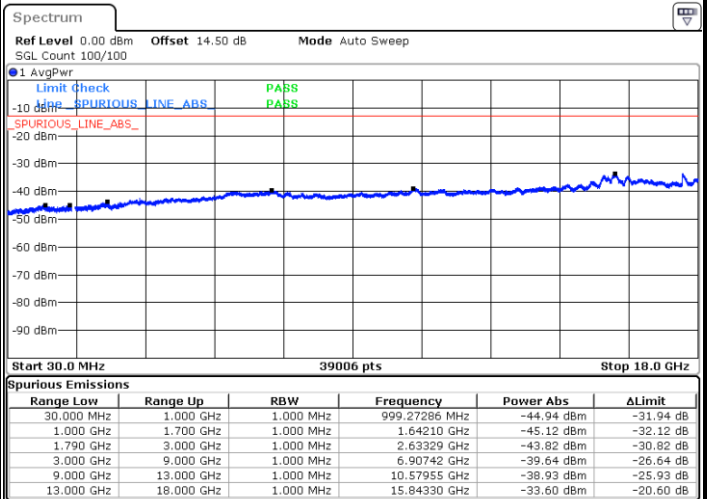
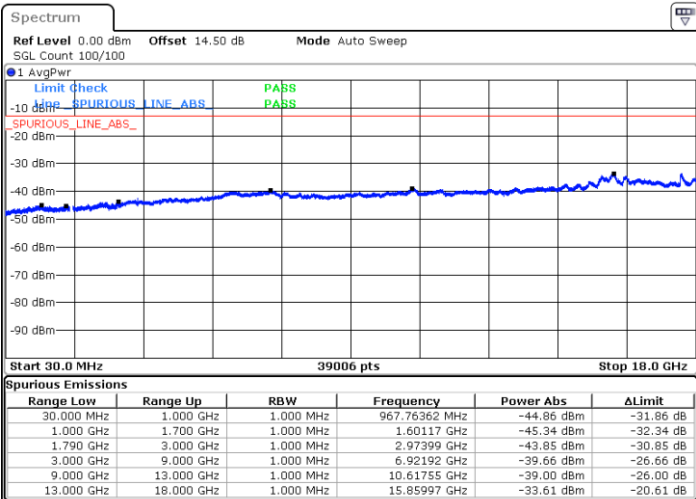


Date: 17.MAY.2023 16:07:47

Date: 17.MAY.2023 16:09:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAY.2023 16:11:59

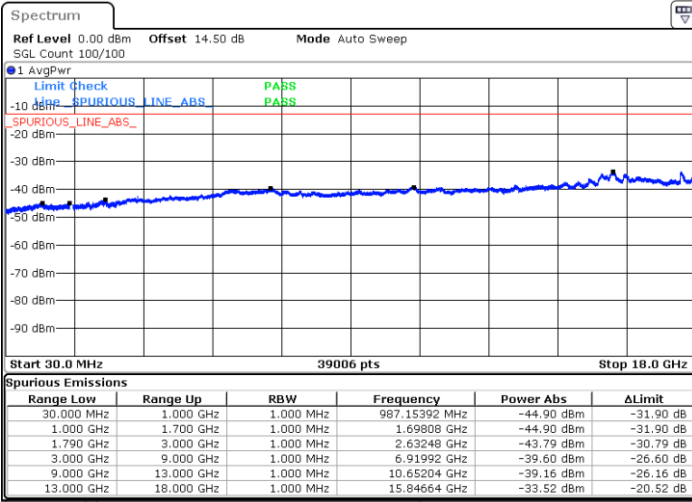
Date: 17.MAY.2023 16:13:17



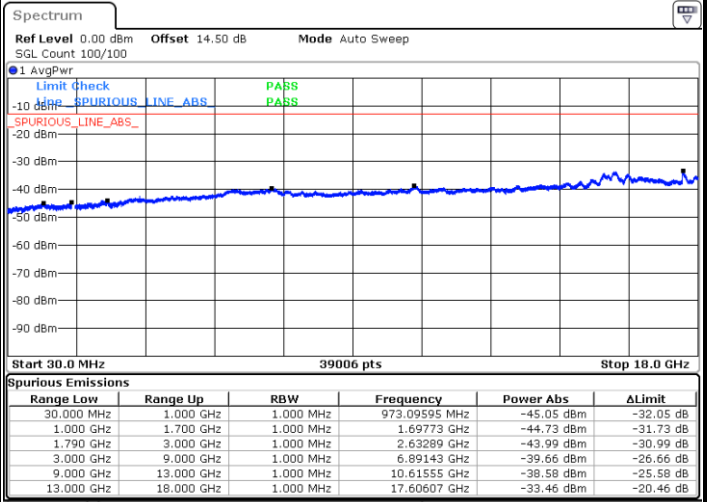
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



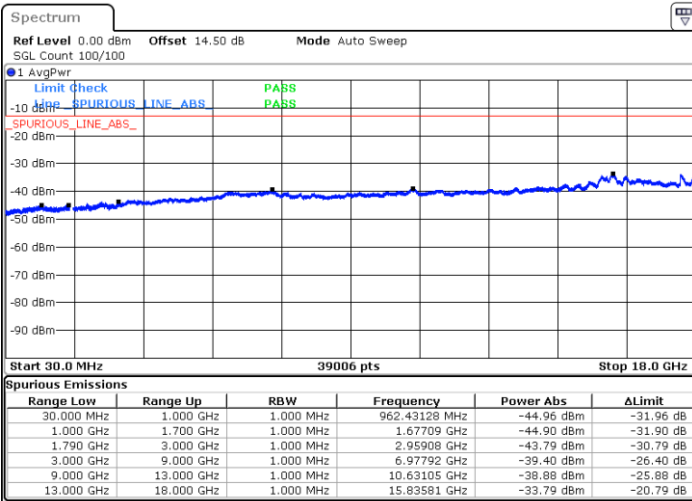
Date: 17.MAY.2023 16:27:50



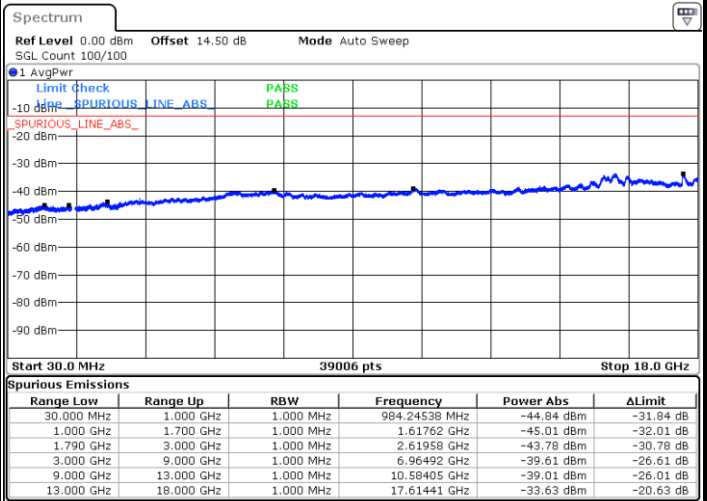
Date: 17.MAY.2023 16:29:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAY.2023 16:32:02

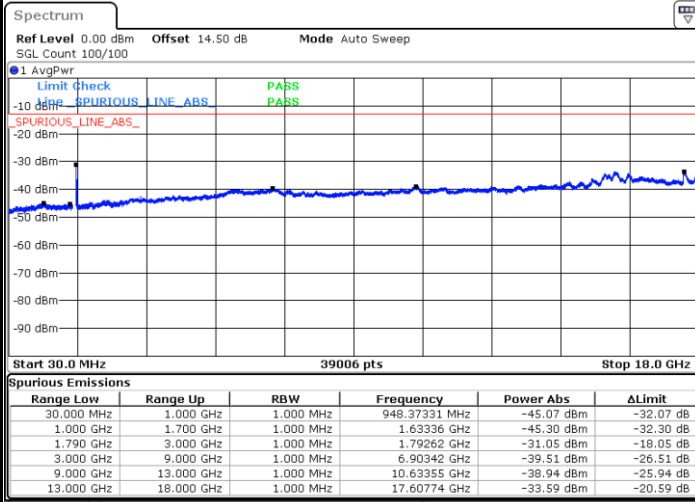


Date: 17.MAY.2023 16:33:19



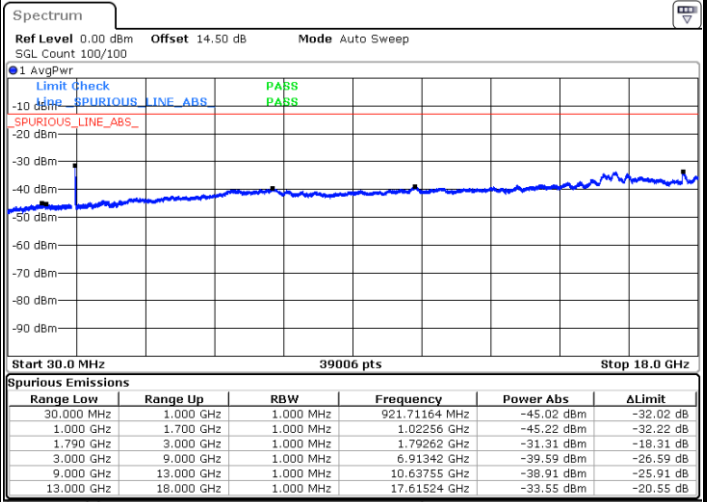
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 17.MAY.2023 16:36:13

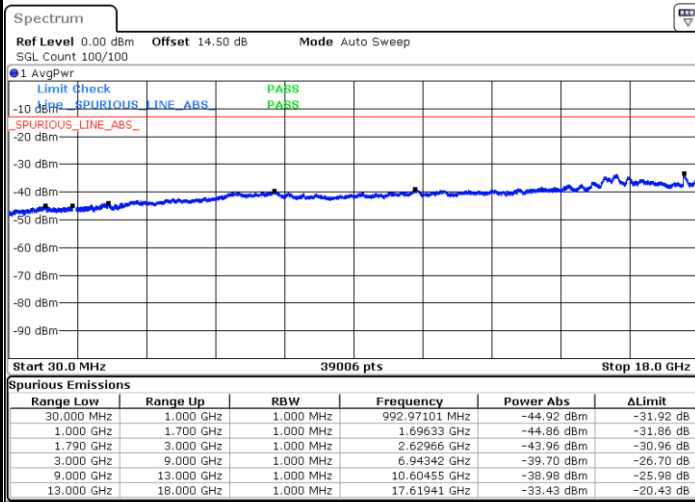
Highest Channel / 16QAM



Date: 17.MAY.2023 16:37:31

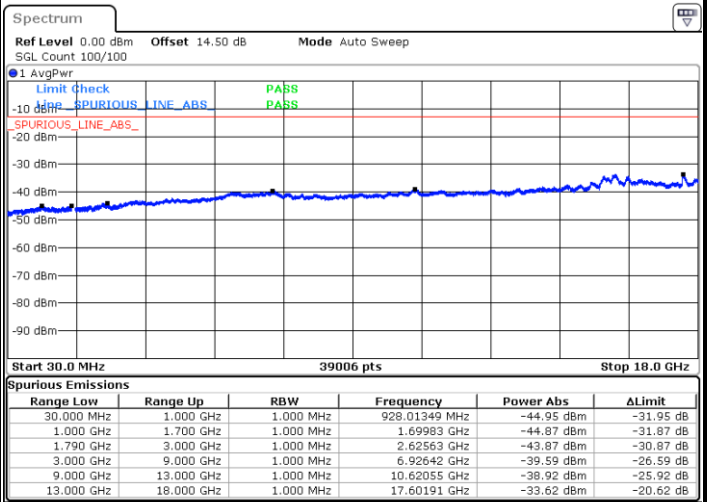
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 17.MAY.2023 16:40:25

Lowest Channel / 16QAM



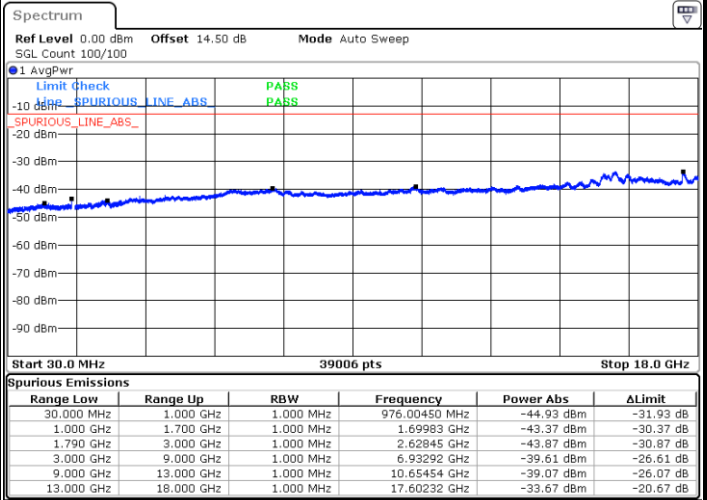
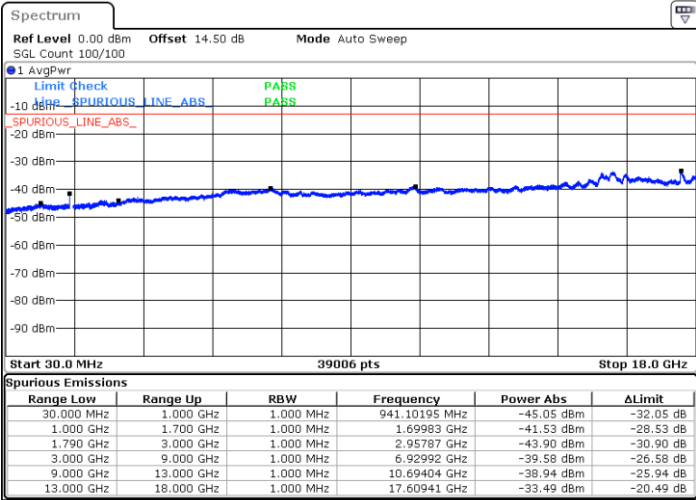
Date: 17.MAY.2023 16:41:43



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

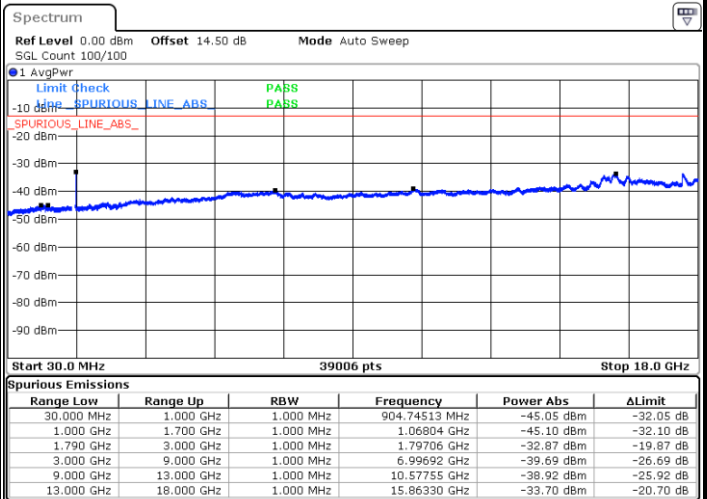
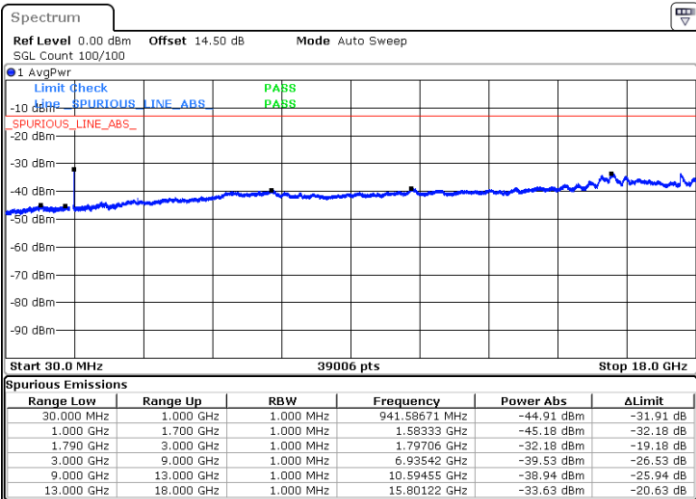


Date: 17.MAY.2023 16:44:37

Date: 17.MAY.2023 16:45:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAY.2023 16:48:48

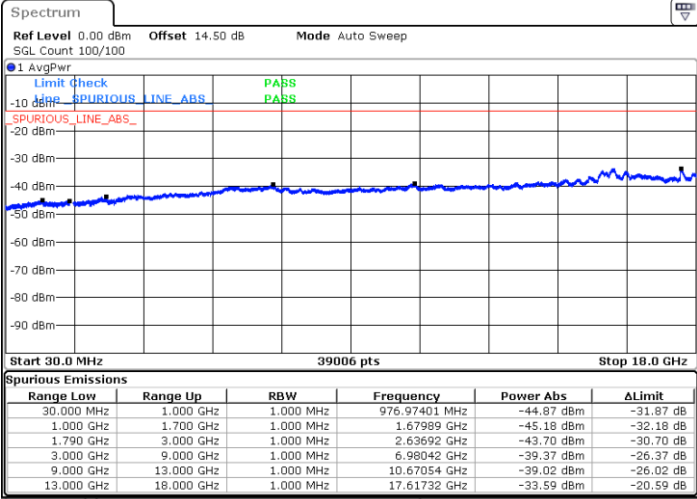
Date: 17.MAY.2023 16:50:06



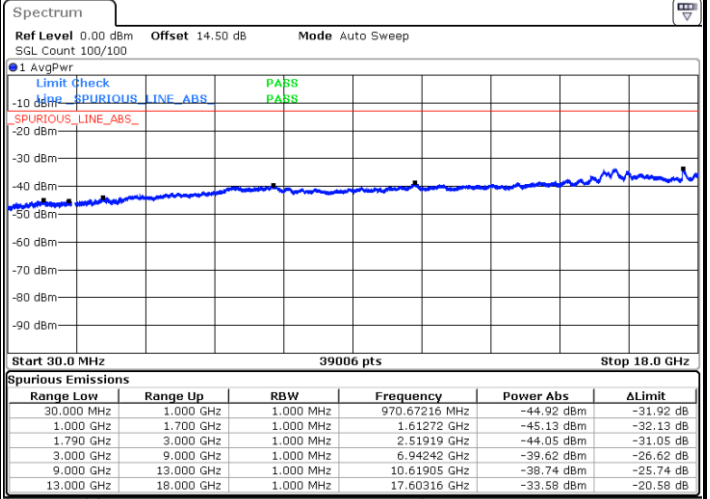
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

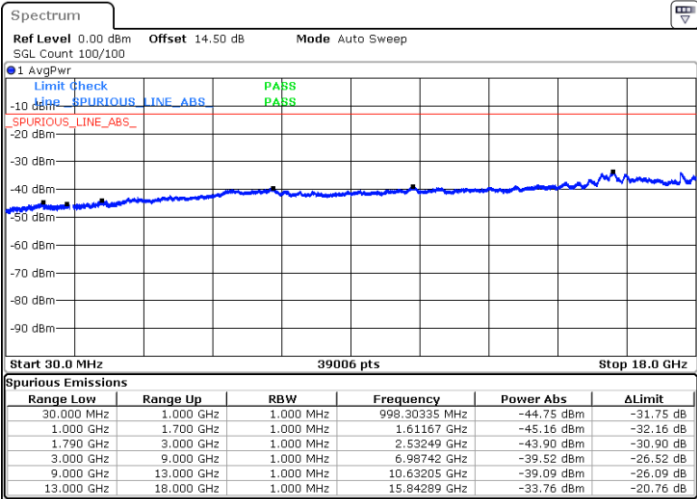


Date: 17.MAY.2023 15:19:57



Date: 17.MAY.2023 15:21:54

Highest Channel / 64QAM



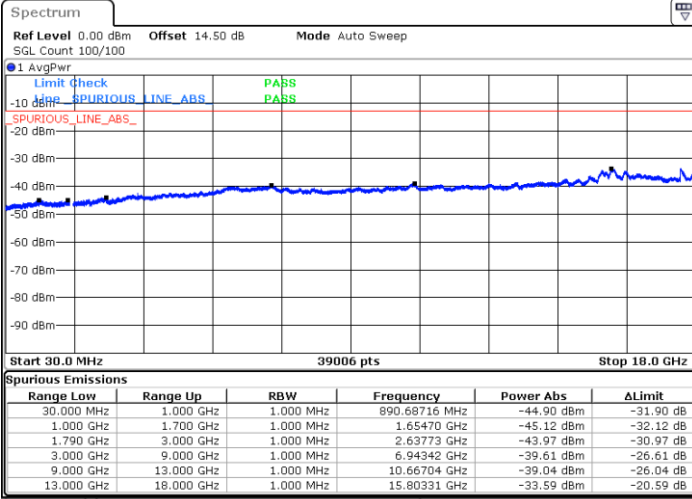
Date: 17.MAY.2023 15:23:51



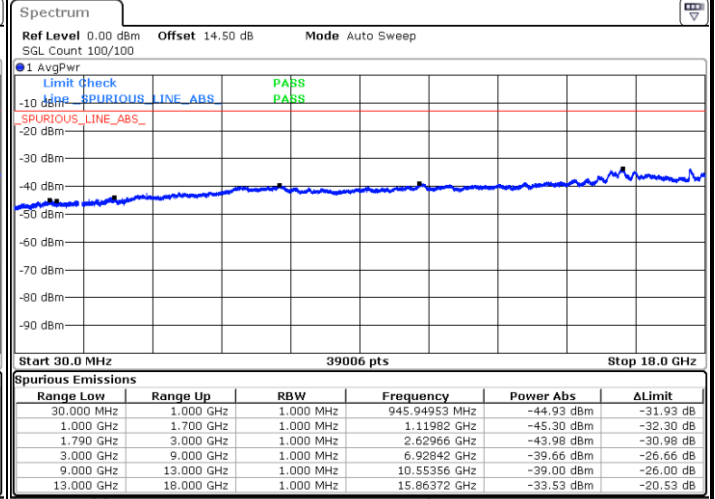
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

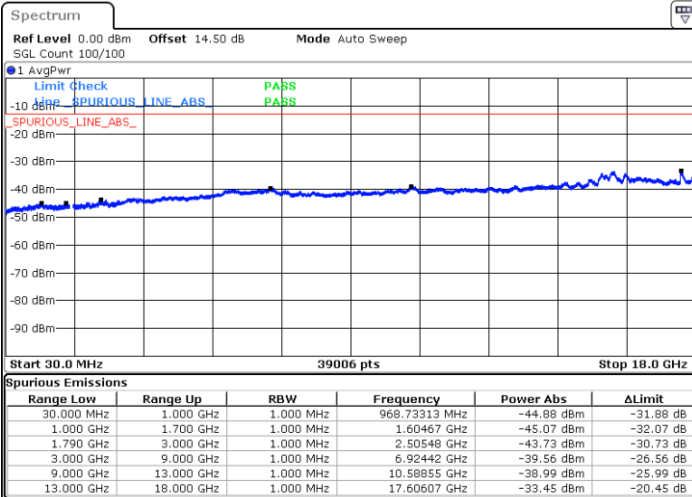


Date: 17.MAY.2023 15:38:23



Date: 17.MAY.2023 15:40:20

Highest Channel / 64QAM



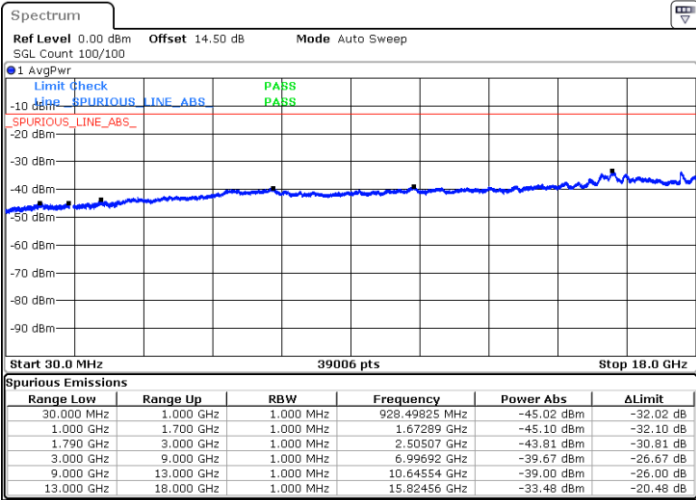
Date: 17.MAY.2023 15:42:16



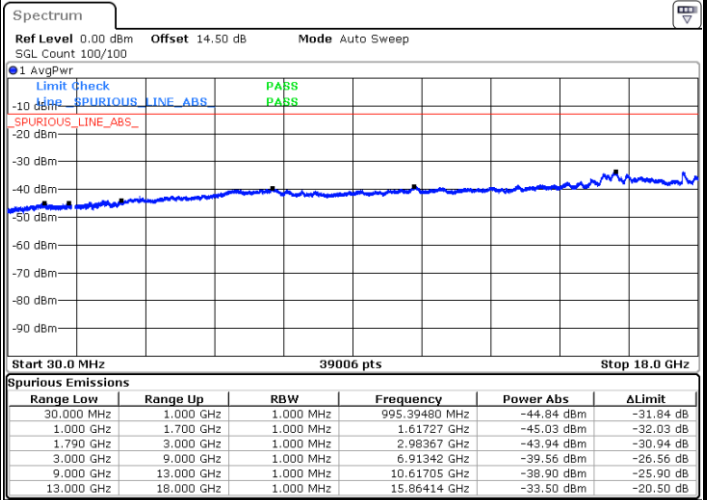
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

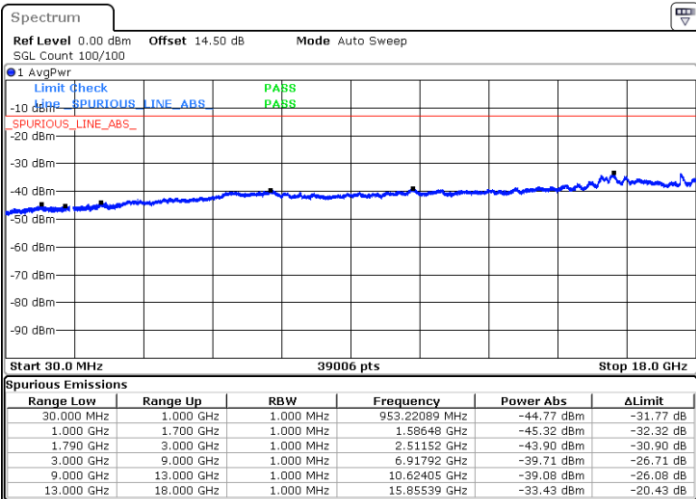


Date: 17.MAY.2023 15:44:13



Date: 17.MAY.2023 15:46:11

Highest Channel / 64QAM



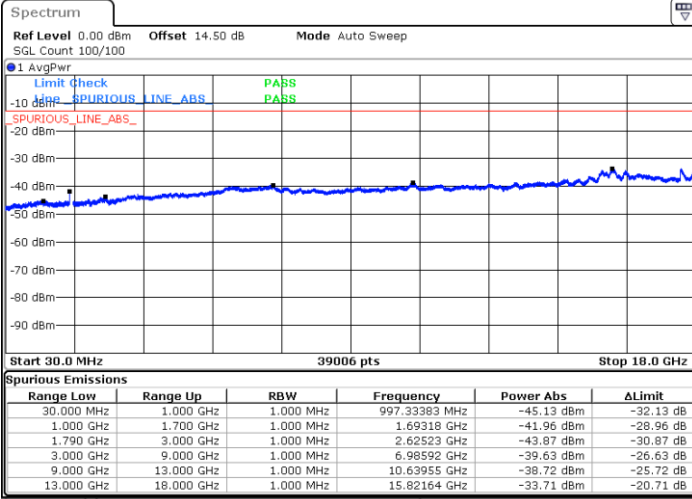
Date: 17.MAY.2023 15:48:07



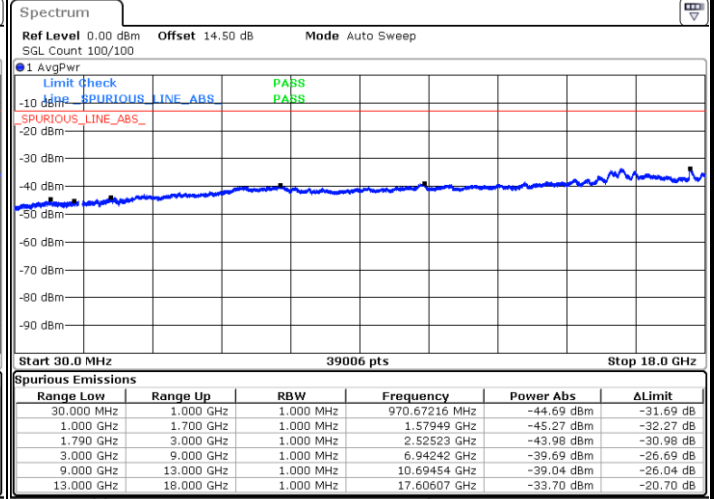
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

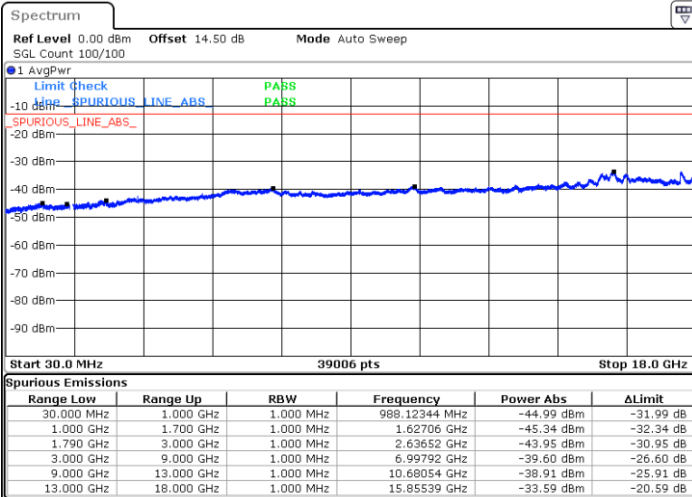


Date: 17.MAY.2023 16:15:13



Date: 17.MAY.2023 16:17:09

Highest Channel / 64QAM



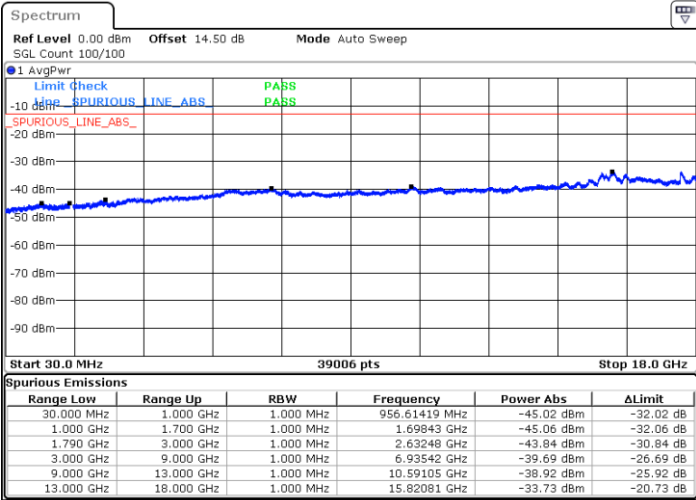
Date: 17.MAY.2023 16:19:07



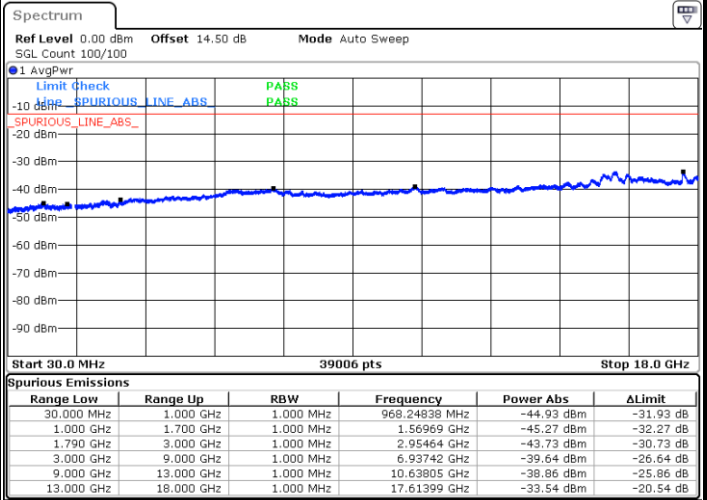
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

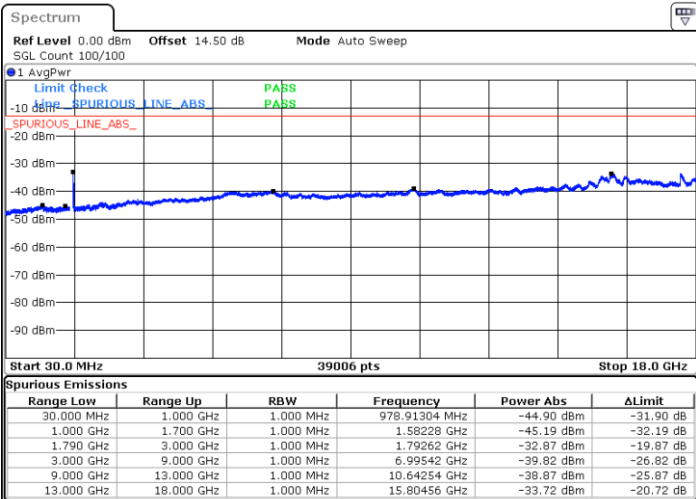


Date: 17.MAY.2023 16:21:03



Date: 17.MAY.2023 16:22:59

Highest Channel / 64QAM



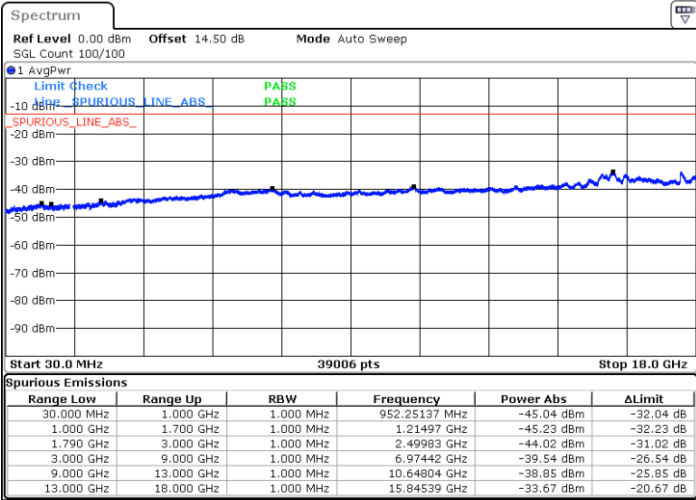
Date: 17.MAY.2023 16:24:55



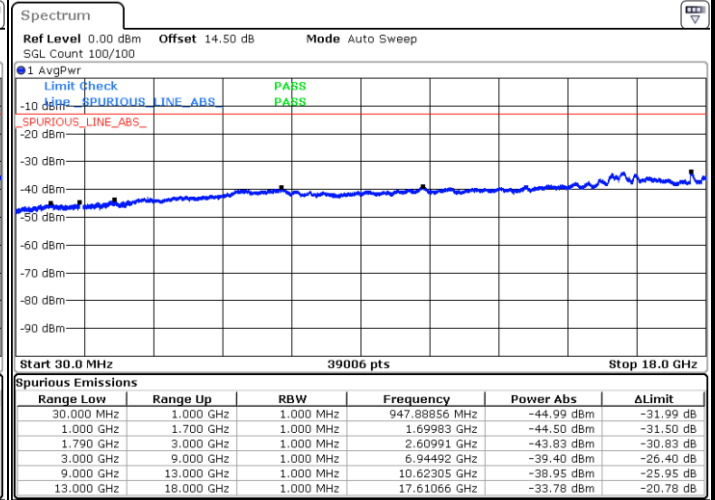
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

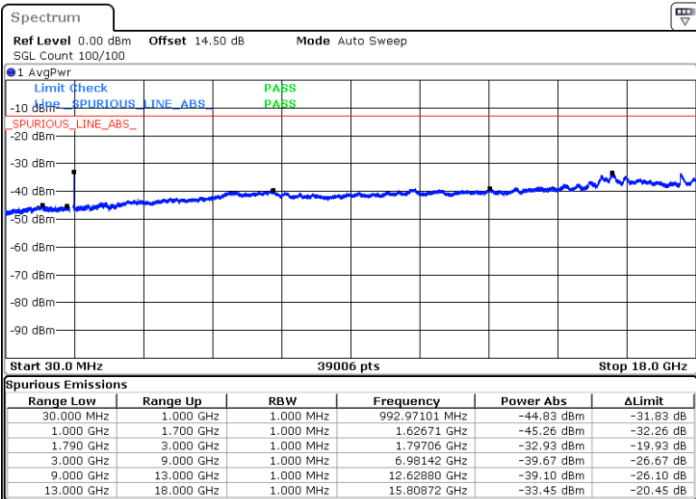


Date: 17.MAY.2023 16:52:03



Date: 17.MAY.2023 16:53:59

Highest Channel / 64QAM



Date: 17.MAY.2023 16:55:56



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	0.0004	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the support Antennas, only the worst results are shown in the report.

LTE Band 2 / 20MHz / QPSK (Ant4)								
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	-67.78	-13	-54.78	-80.04	2.64	14.90	H
	5613	-61.82	-13	-48.82	-73.68	2.94	14.80	H
	7488	-55.54	-13	-42.54	-65.31	3.39	13.16	H
	9360	-52.31	-13	-39.31	-62.79	4.00	14.48	H
	11232	-53.22	-13	-40.22	-62.73	4.23	13.74	H
	13092	-47.21	-13	-34.21	-57.05	4.49	14.32	H
	3741	-67.87	-13	-54.87	-80.13	2.64	14.90	V
	5613	-62.14	-13	-49.14	-74.00	2.94	14.80	V
	7488	-54.31	-13	-41.31	-64.08	3.39	13.16	V
	9360	-50.93	-13	-37.93	-61.41	4.00	14.48	V
	11232	-53.10	-13	-40.10	-62.61	4.23	13.74	V
	13092	-45.12	-13	-32.12	-54.96	4.49	14.32	V

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

LTE Band 4 / 20MHz / QPSK (Ant4)								
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	3450	-57.86	-13	-44.86	-68.60	2.604	13.34	H
	5175	-55.41	-13	-42.41	-65.92	3.011	13.52	H
	6900	-54.88	-13	-41.88	-65.08	3.271	13.47	H
	3450	-58.05	-13	-45.05	-68.79	2.604	13.34	V
	5175	-55.25	-13	-42.25	-65.76	3.011	13.52	V
	6900	-54.46	-13	-41.46	-64.66	3.271	13.47	V

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



LTE Band 12 / 10MHz / QPSK (Ant0)								
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	1408	-72.47	-13	-59.47	-79.44	1.58	10.70	H
	2112	-69.93	-13	-56.93	-78.18	2.102	12.50	H
	2816	-67.85	-13	-54.85	-76.74	2.856	13.90	H
	1408	-73.21	-13	-60.21	-80.18	1.58	10.70	V
	2112	-69.00	-13	-56.00	-77.25	2.10	12.50	V
	2816	-67.70	-13	-54.70	-76.59	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK (Ant0)								
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	-71.79	-42.15	-29.64	-74.42	1.09	5.87	H
	2340	-68.73	-13	-55.73	-71.13	1.37	5.92	H
	3120	-68.01	-13	-55.01	-71.90	1.64	7.68	H
	1560	-61.12	-42.15	-18.97	-63.75	1.09	5.87	V
	2340	-68.42	-13	-55.42	-70.82	1.37	5.92	V
	3120	-67.62	-13	-54.62	-71.51	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK (Ant0)								
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	-72.42	-13	-59.42	-75.05	1.09	5.87	H
	2332	-68.80	-13	-55.80	-71.20	1.37	5.92	H
	3108	-68.62	-13	-55.62	-72.51	1.64	7.68	H
	1556	-72.03	-13	-59.03	-74.66	1.09	5.87	V
	2332	-68.40	-13	-55.40	-70.80	1.37	5.92	V
	3108	-68.31	-13	-55.31	-72.20	1.64	7.68	V

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



LTE Band 26 / 15MHz / QPSK (Ant0)								
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	-63.90	-13	-50.90	-70.87	1.58	10.70	H
	2490	-67.01	-13	-54.01	-75.26	2.102	12.50	H
	3318	-67.62	-13	-54.62	-76.51	2.856	13.90	H
	1660	-65.34	-13	-52.34	-72.31	1.58	10.70	V
	2490	-67.27	-13	-54.27	-75.52	2.10	12.50	V
	3318	-66.04	-13	-53.04	-74.93	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK (Ant4)								
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	-67.45	-13	-54.45	-78.19	2.604	13.34	H
	5208	-59.96	-13	-46.96	-70.47	3.011	13.52	H
	6948	-58.42	-13	-45.42	-68.62	3.271	13.47	H
	8676	-53.67	-13	-40.67	-60.64	5.527	12.5	H
	10416	-51.39	-13	-38.39	-58.25	6.038	12.9	H
	12336	-49.55	-13	-36.55	-56.75	6.726	13.93	H
	3471	-67.68	-13	-54.68	-78.42	2.604	13.34	V
	5208	-61.02	-13	-48.02	-71.53	3.011	13.52	V
	6948	-58.38	-13	-45.38	-68.58	3.271	13.47	V
	8676	-53.94	-13	-40.94	-60.91	5.527	12.50	V
	10416	-51.15	-13	-38.15	-58.01	6.038	12.90	V
	12156	-45.92	-13	-32.92	-53.12	6.726	13.93	V

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