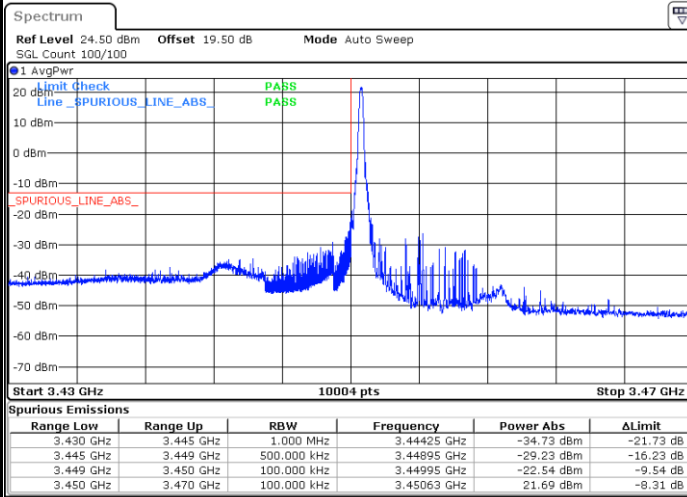




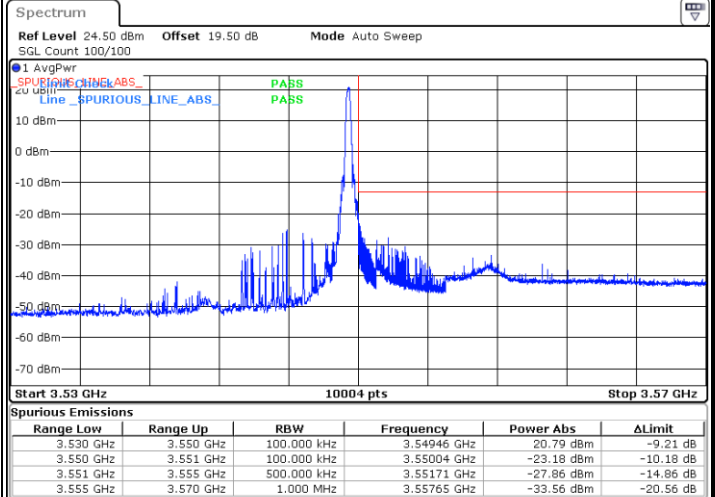
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



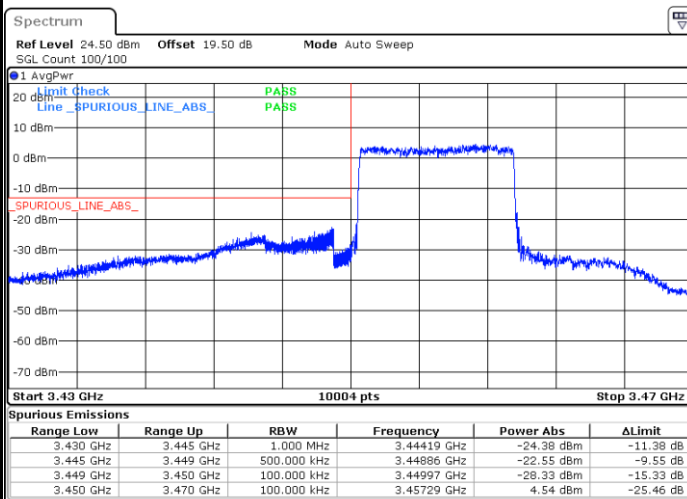
Date: 18.JAN.2023 15:46:05

Highest Band Edge / 1 RB



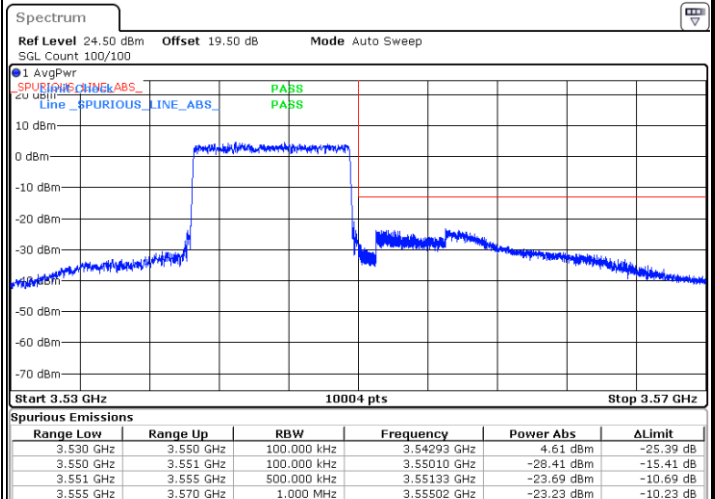
Date: 18.JAN.2023 15:59:24

Lowest Band Edge / Full RB



Date: 18.JAN.2023 15:44:18

Highest Band Edge / Full RB

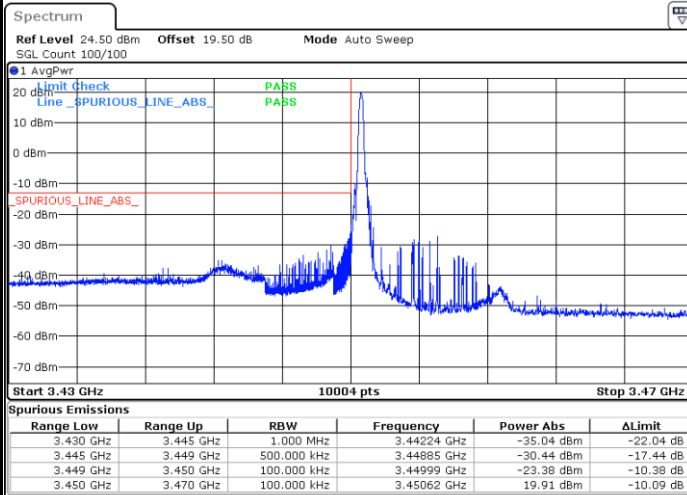


Date: 18.JAN.2023 16:01:12



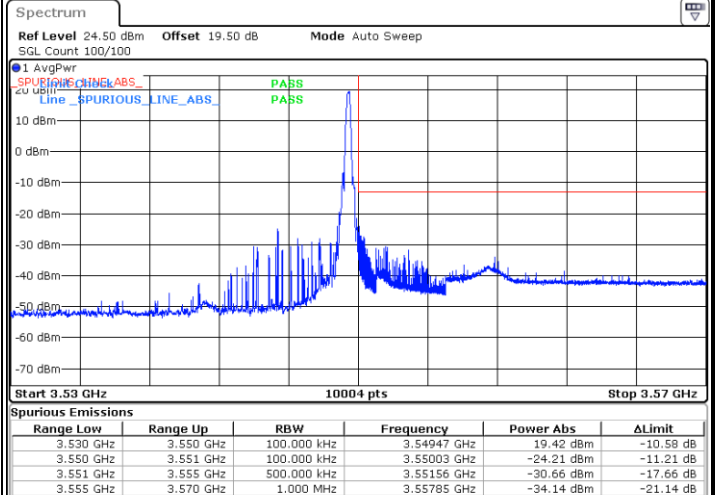
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



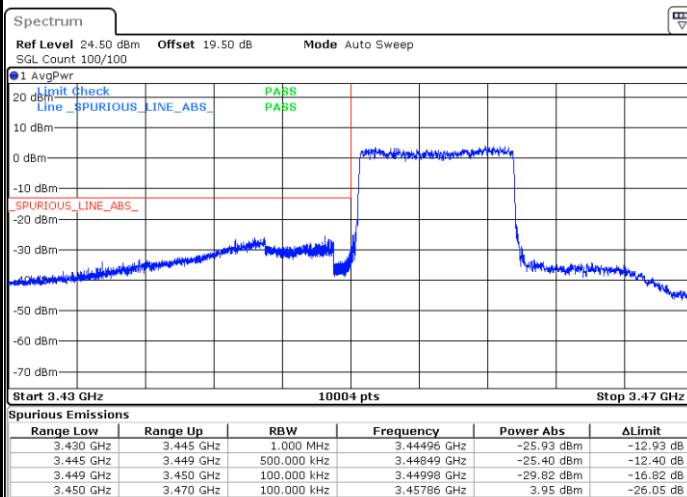
Date: 18.JAN.2023 15:45:29

Highest Band Edge / 1 RB



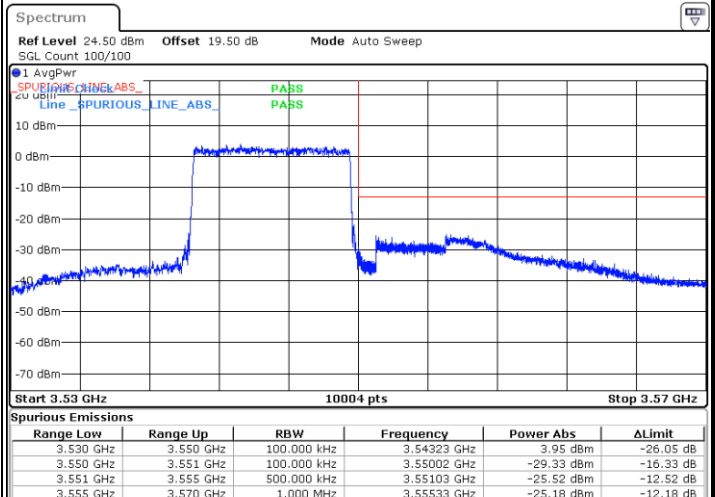
Date: 18.JAN.2023 15:58:48

Lowest Band Edge / Full RB



Date: 18.JAN.2023 15:44:53

Highest Band Edge / Full RB

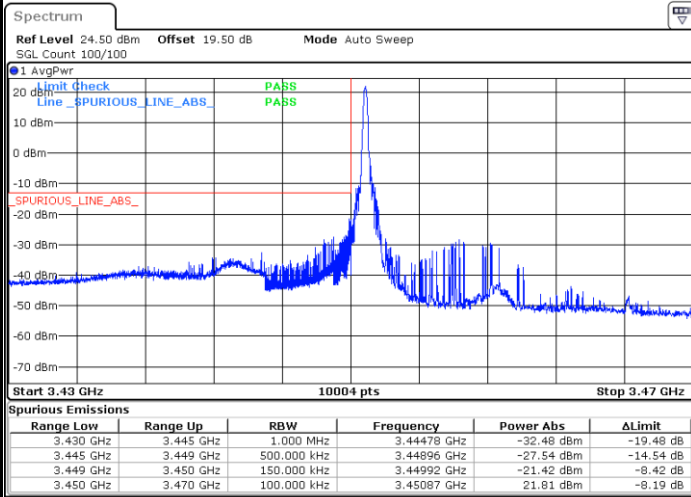


Date: 18.JAN.2023 16:01:47



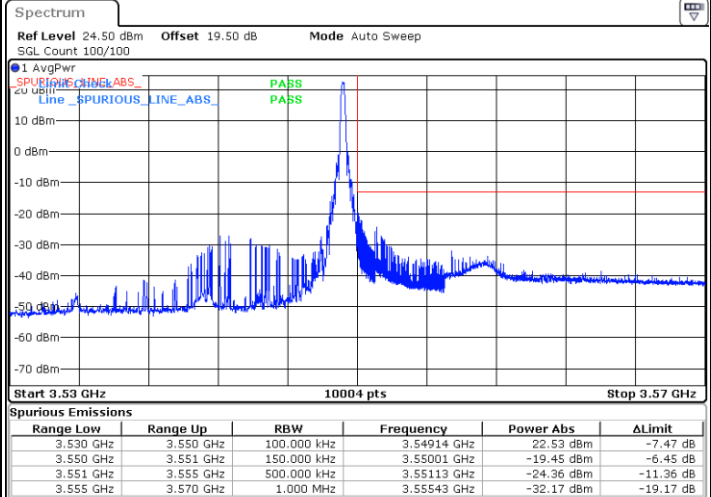
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



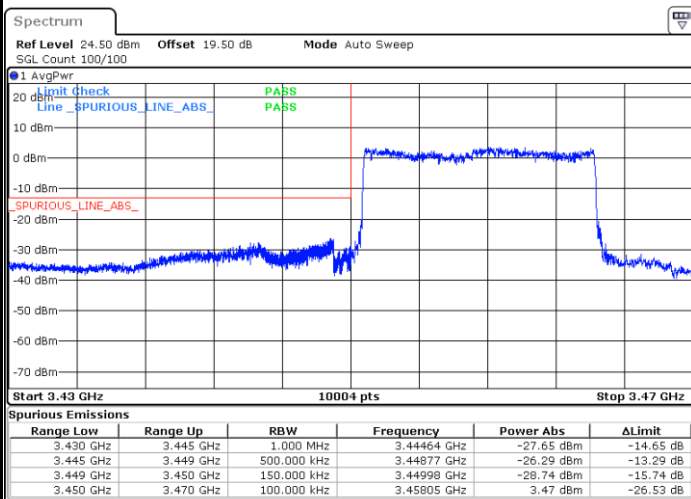
Date: 18.JAN.2023 16:04:12

Highest Band Edge / 1 RB



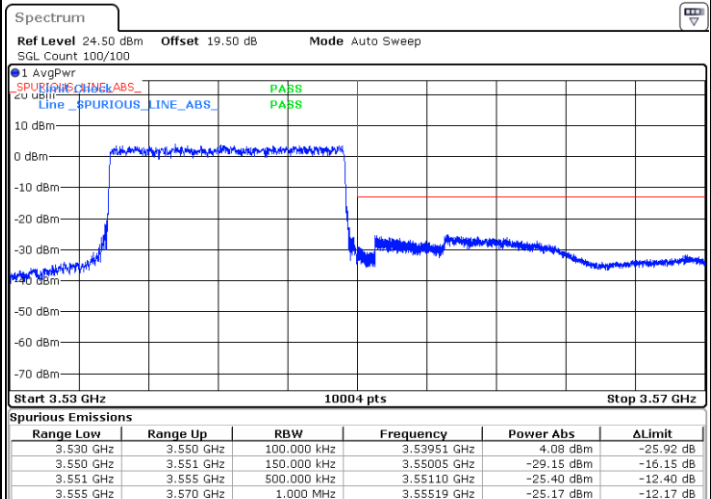
Date: 18.JAN.2023 16:17:32

Lowest Band Edge / Full RB



Date: 18.JAN.2023 16:03:36

Highest Band Edge / Full RB

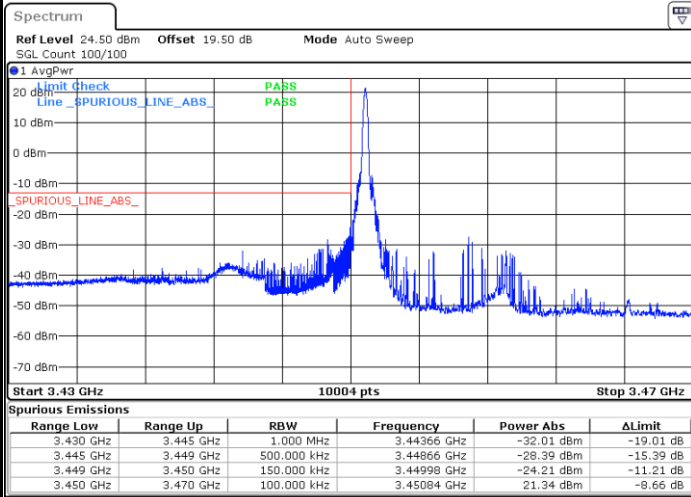


Date: 18.JAN.2023 16:20:30



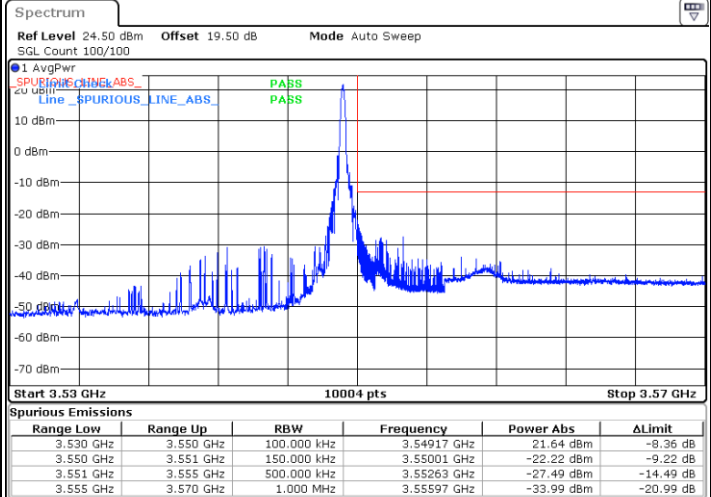
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



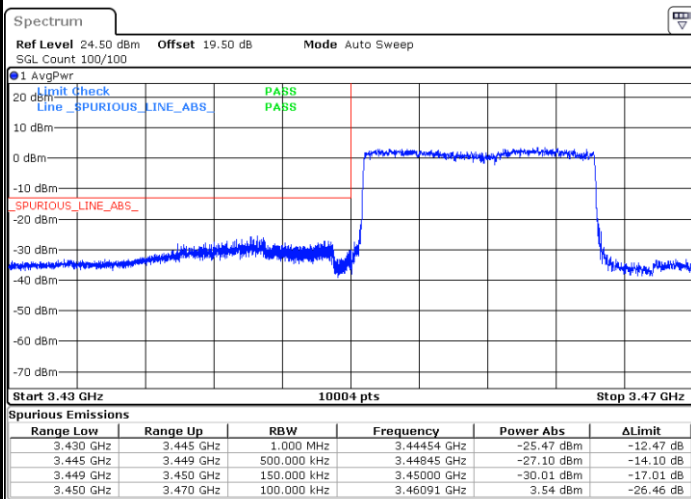
Date: 18.JAN.2023 16:04:47

Highest Band Edge / 1 RB



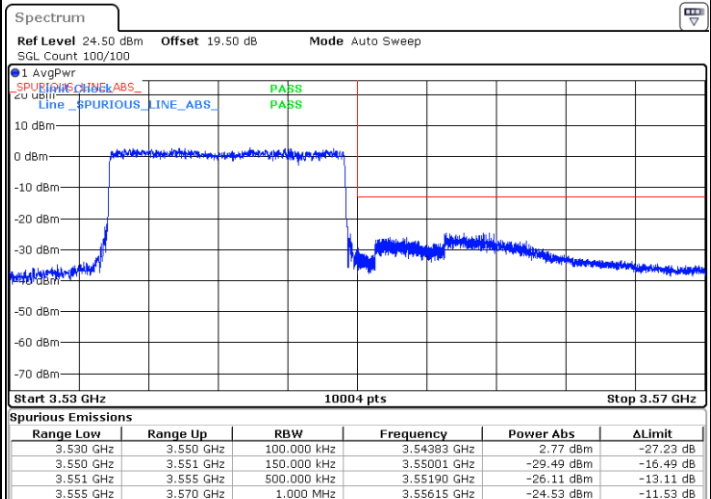
Date: 18.JAN.2023 16:18:07

Lowest Band Edge / Full RB



Date: 18.JAN.2023 16:03:00

Highest Band Edge / Full RB

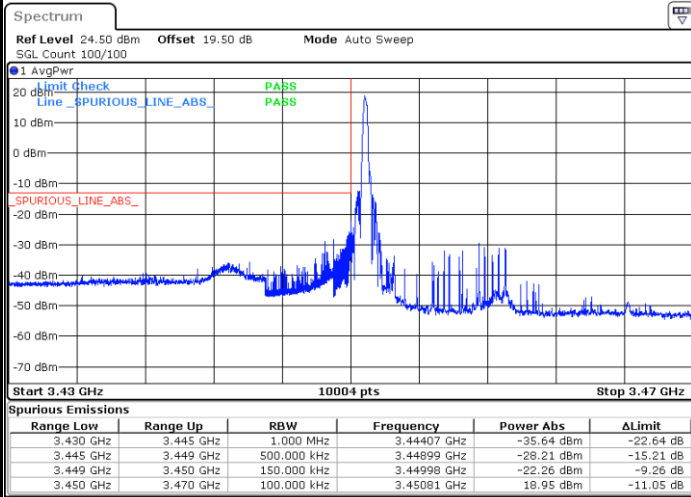


Date: 18.JAN.2023 16:19:54



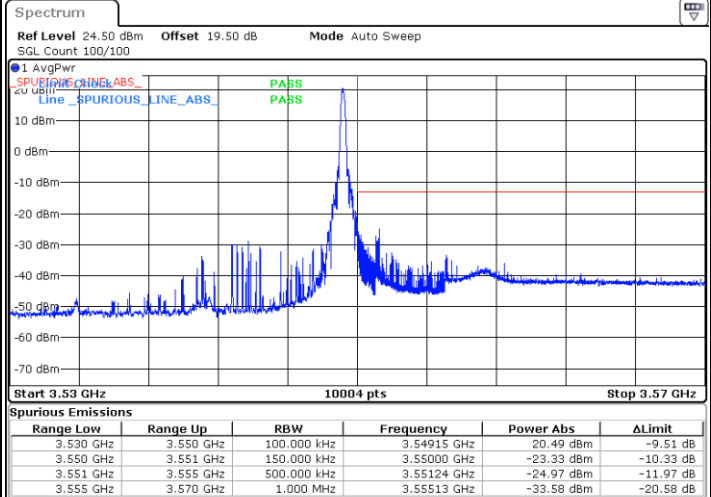
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



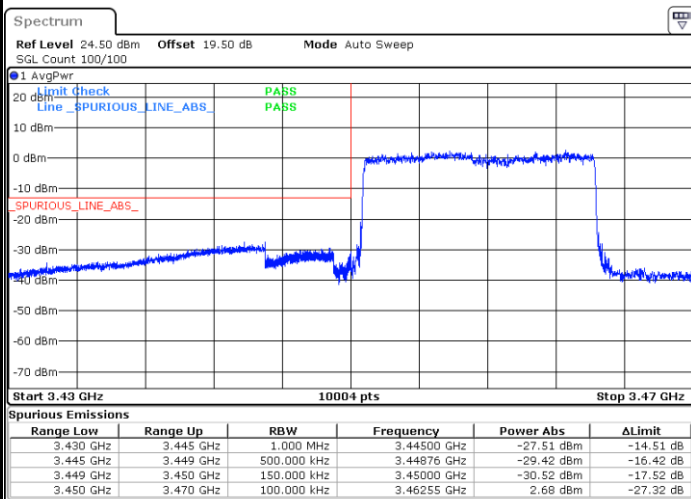
Date: 18.JAN.2023 16:05:23

Highest Band Edge / 1 RB



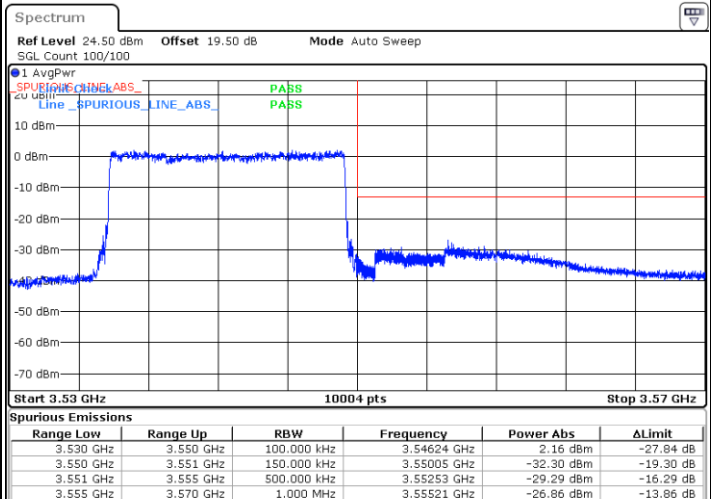
Date: 18.JAN.2023 16:18:43

Lowest Band Edge / Full RB

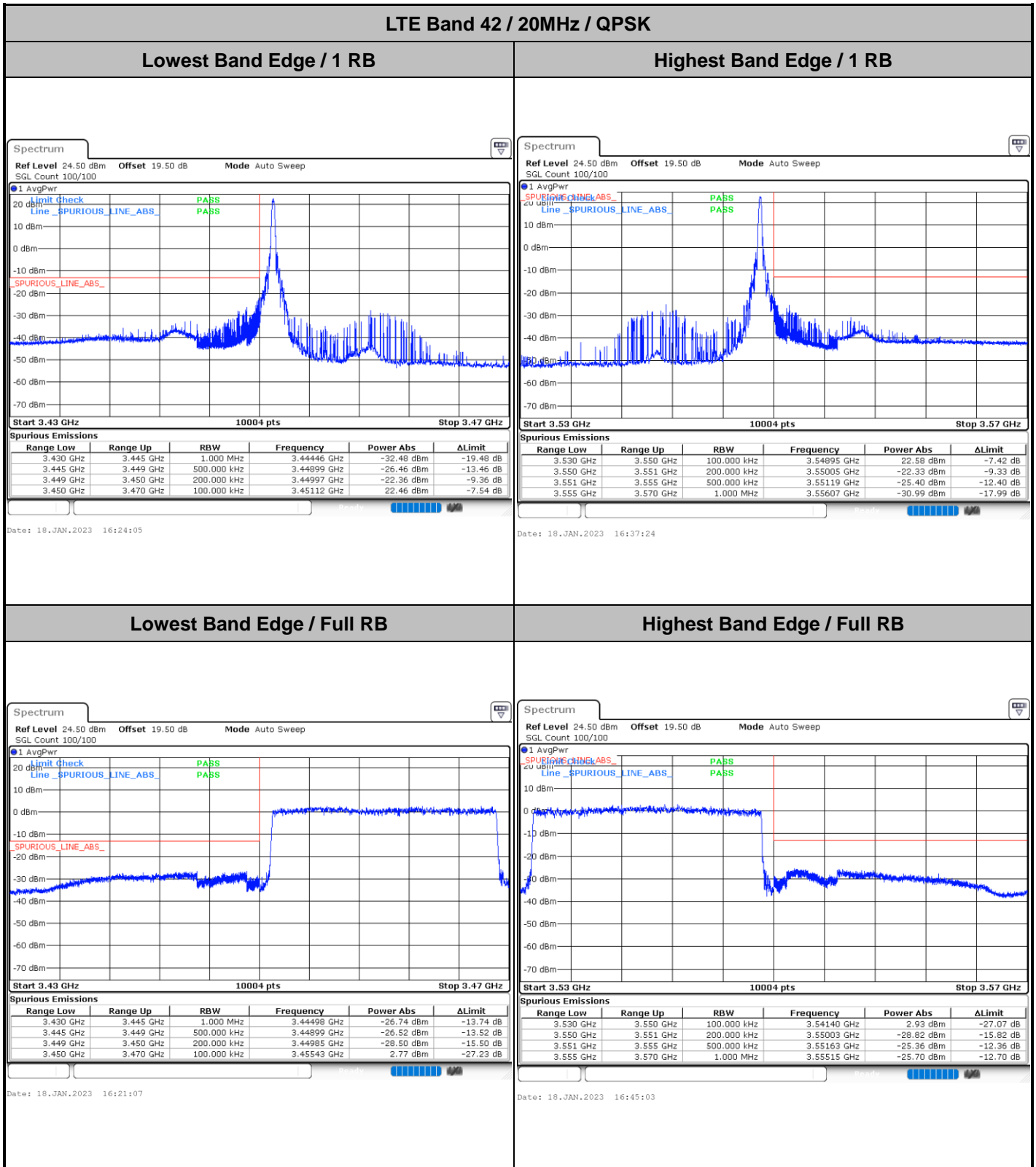


Date: 18.JAN.2023 16:02:25

Highest Band Edge / Full RB



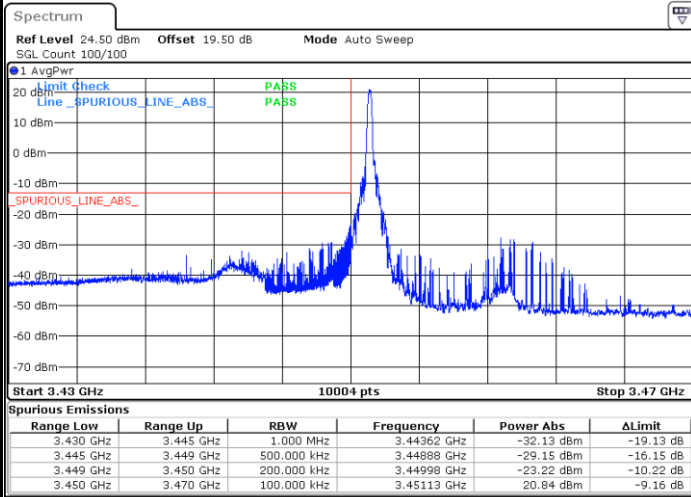
Date: 18.JAN.2023 16:19:19





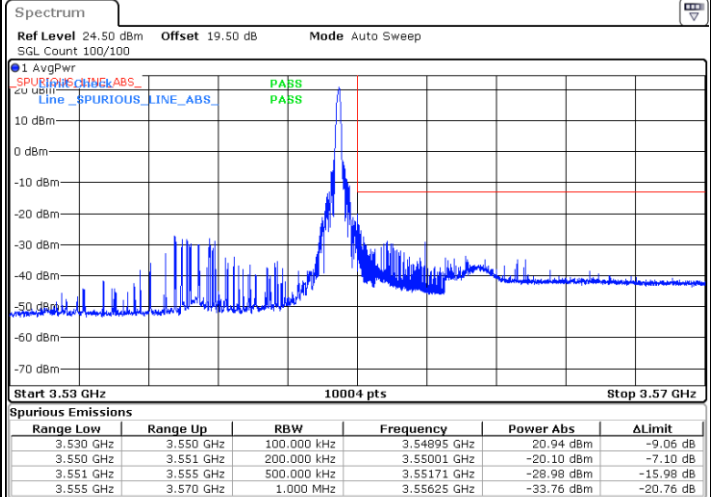
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



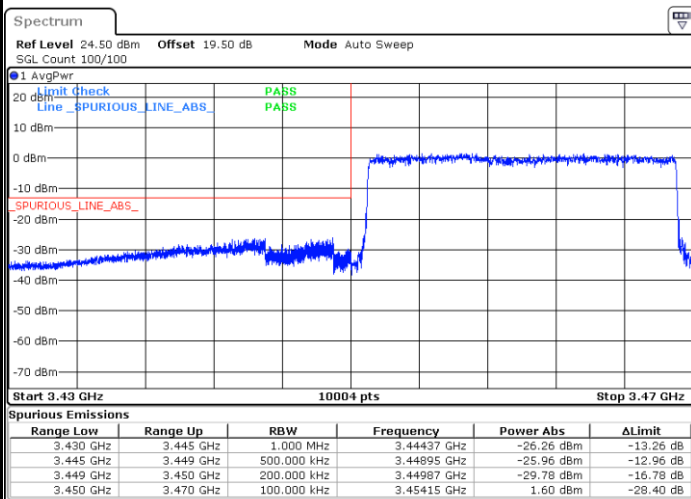
Date: 18.JAN.2023 16:23:30

Highest Band Edge / 1RB



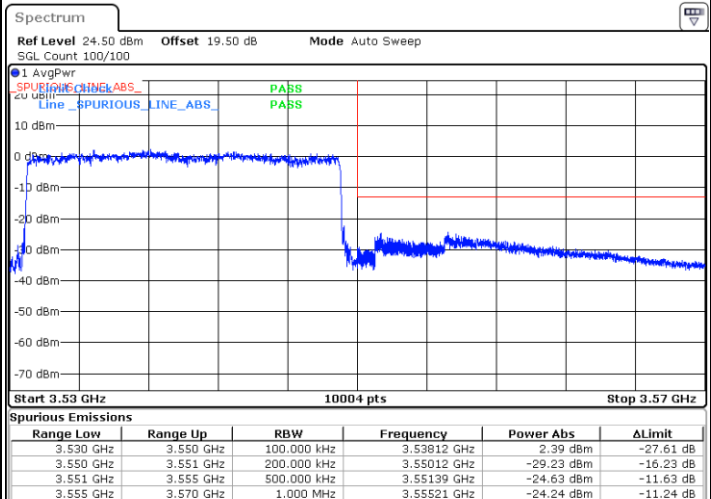
Date: 18.JAN.2023 16:36:48

Lowest Band Edge / Full RB



Date: 18.JAN.2023 16:21:43

Highest Band Edge / Full RB

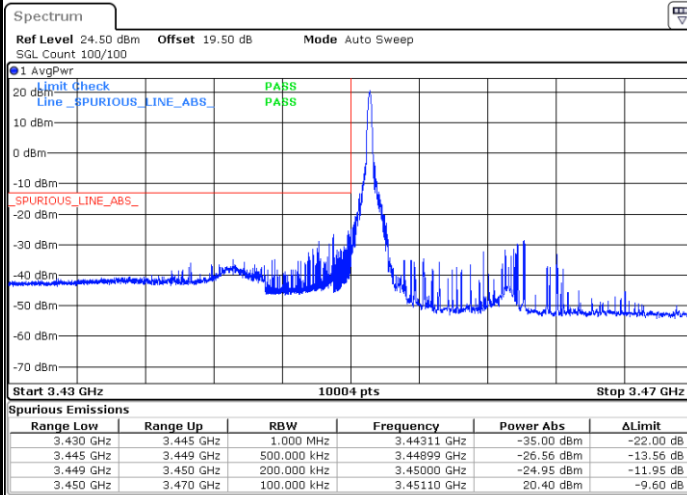


Date: 18.JAN.2023 16:38:36



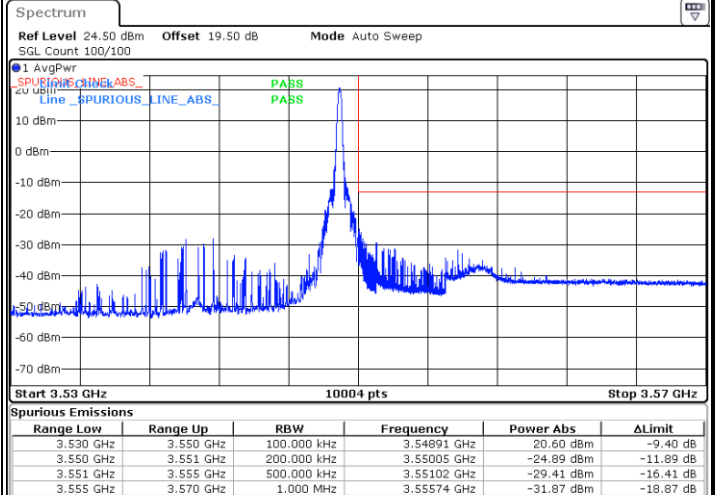
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



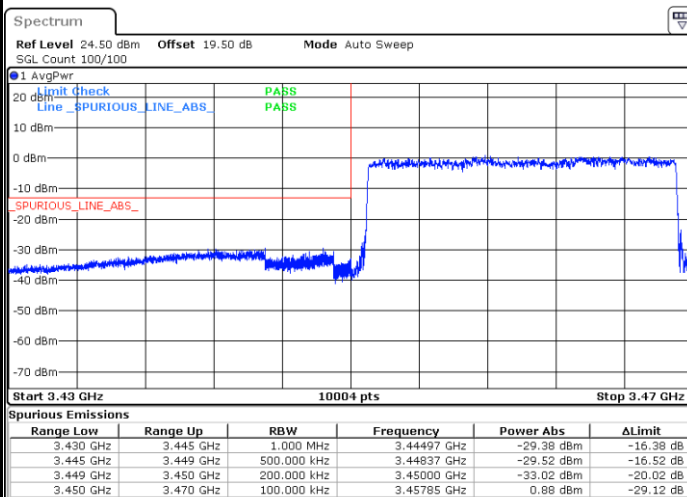
Date: 18.JAN.2023 16:22:54

Highest Band Edge / 1 RB



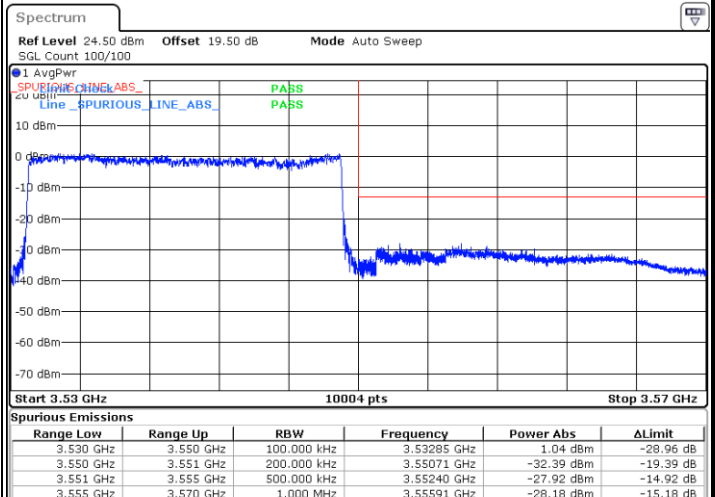
Date: 18.JAN.2023 16:36:13

Lowest Band Edge / Full RB



Date: 18.JAN.2023 16:22:19

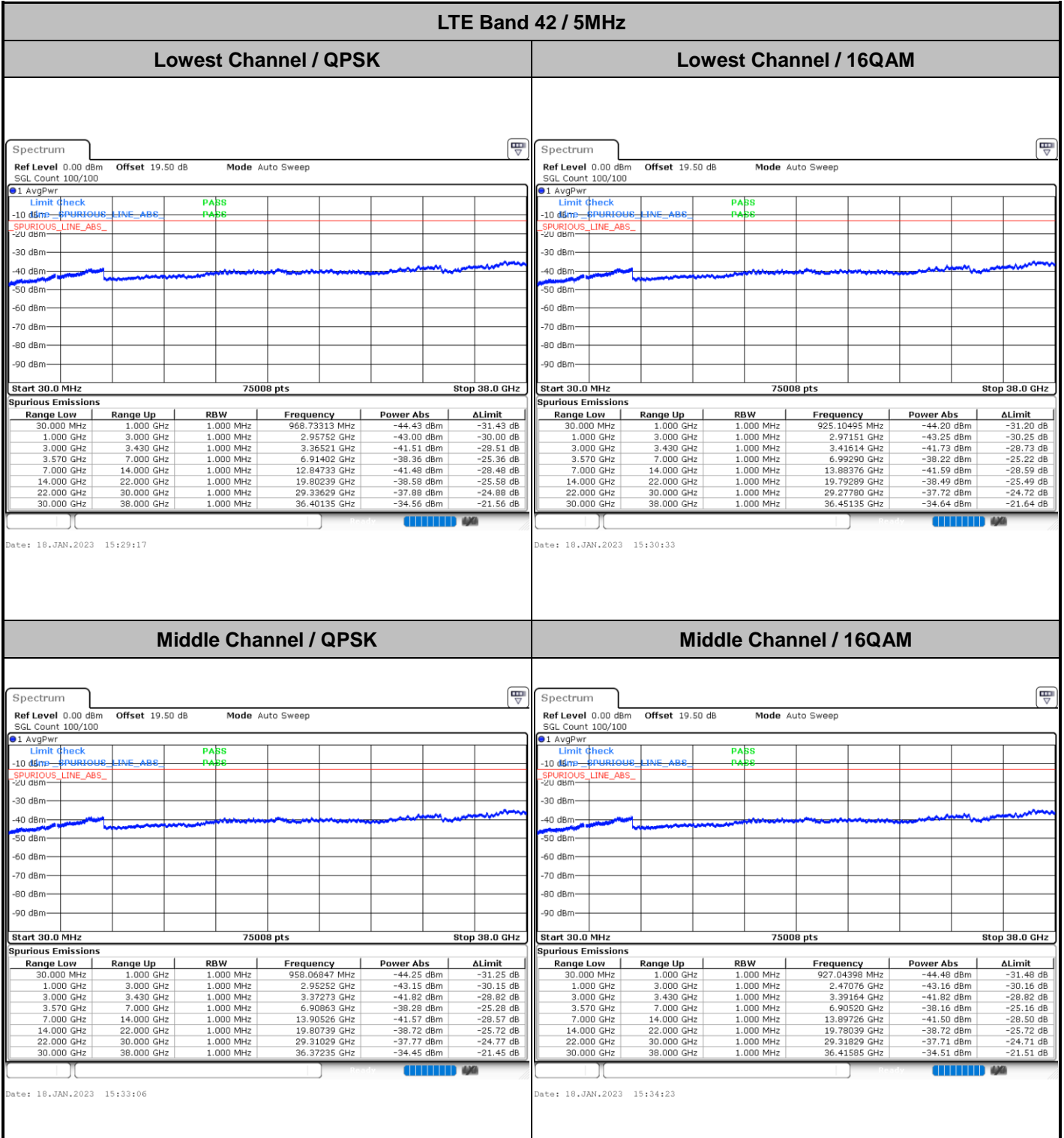
Highest Band Edge / Full RB



Date: 18.JAN.2023 16:44:24



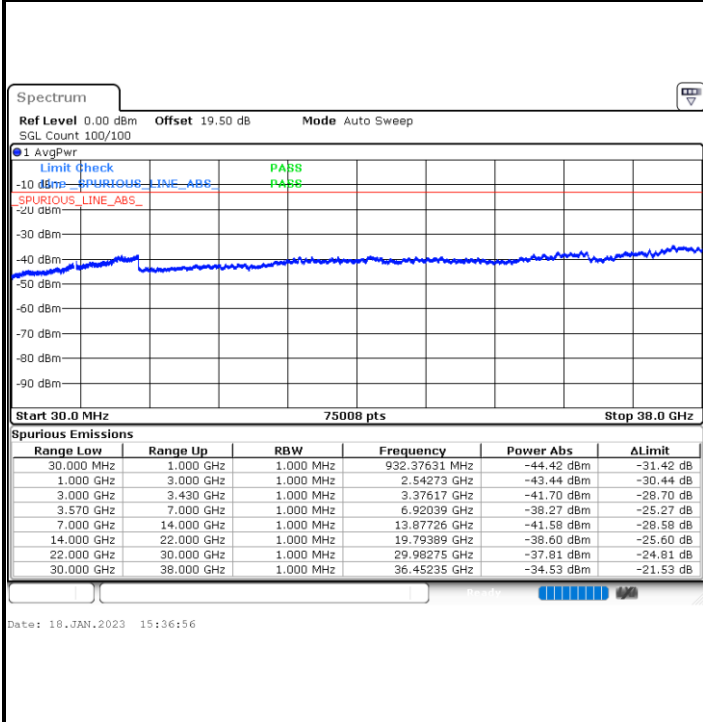
Conducted Spurious Emission



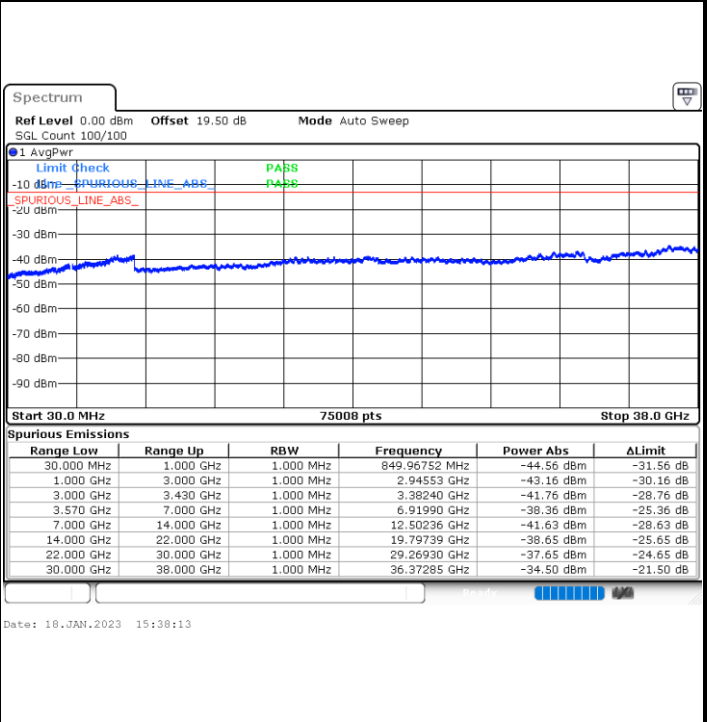


LTE Band 42 / 5MHz

Highest Channel / QPSK

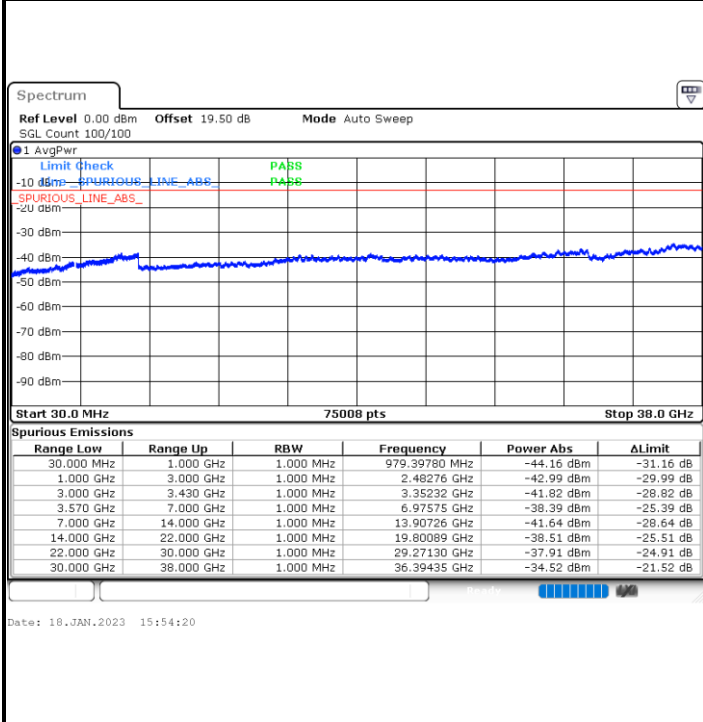


Highest Channel / 16QAM

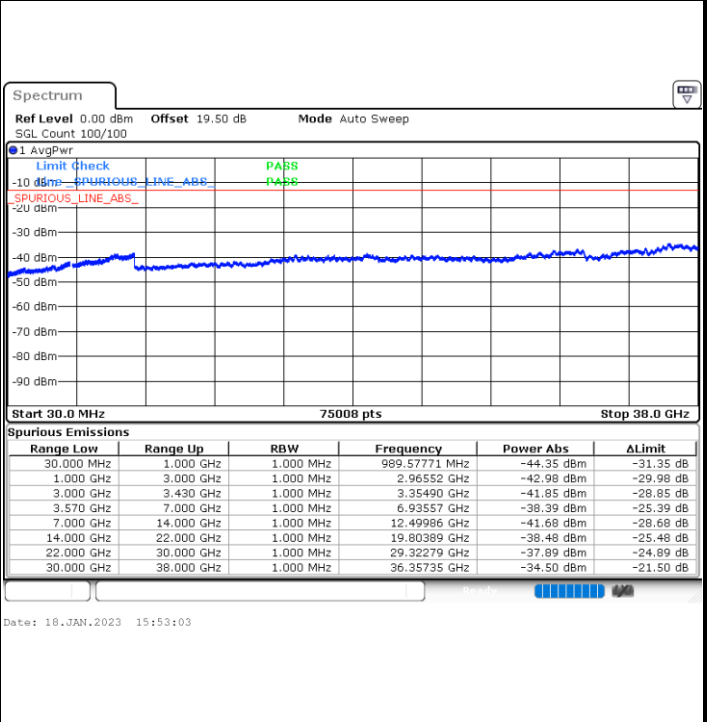


LTE Band 42 / 10MHz

Lowest Channel / QPSK



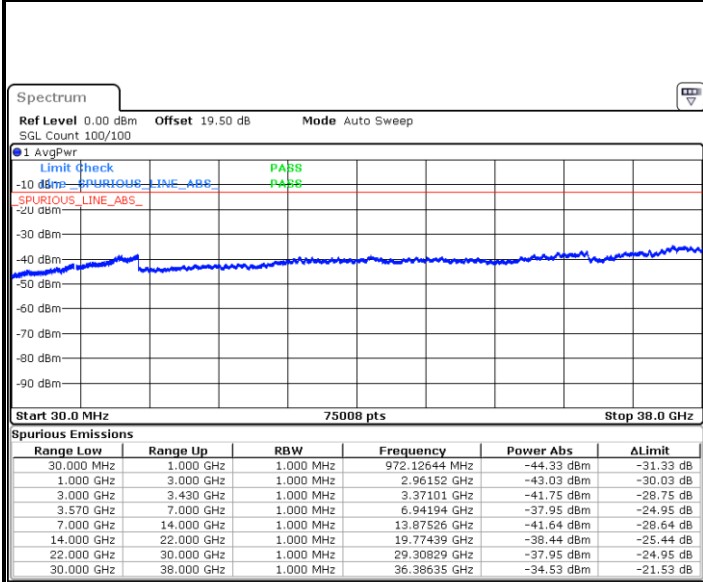
Lowest Channel / 16QAM





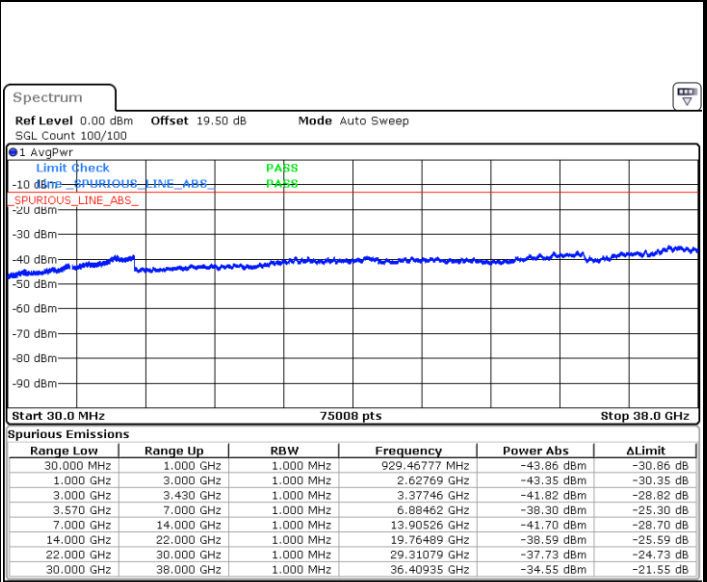
LTE Band 42 / 10MHz

Middle Channel / QPSK



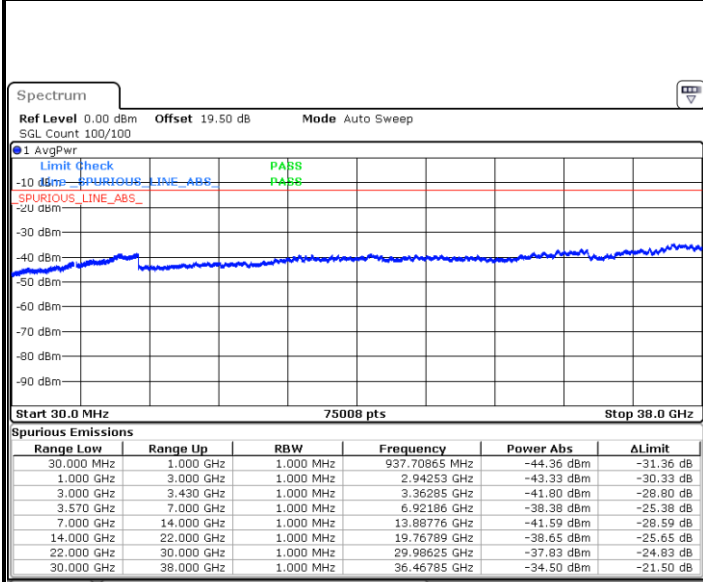
Date: 18.JAN.2023 15:47:56

Middle Channel / 16QAM



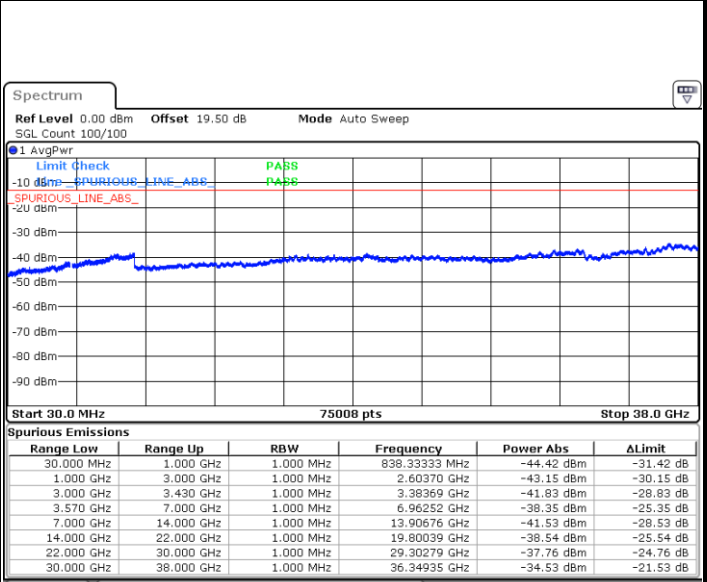
Date: 18.JAN.2023 15:49:13

Highest Channel / QPSK



Date: 18.JAN.2023 15:55:38

Highest Channel / 16QAM

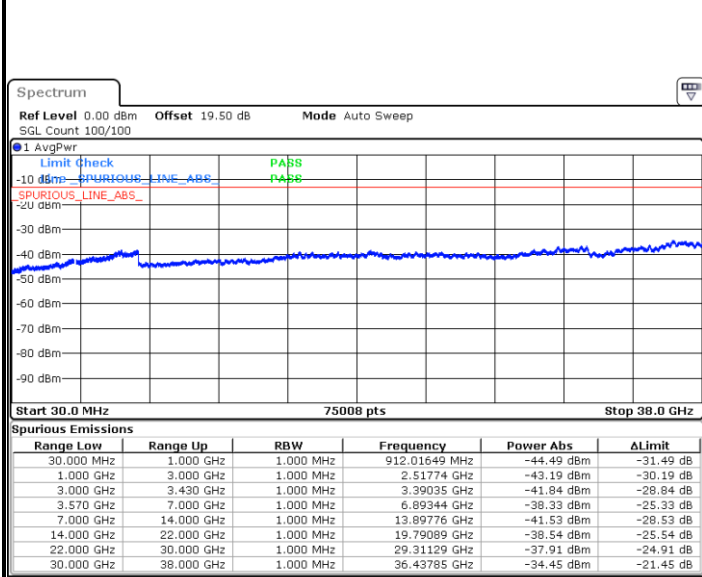


Date: 18.JAN.2023 15:56:55



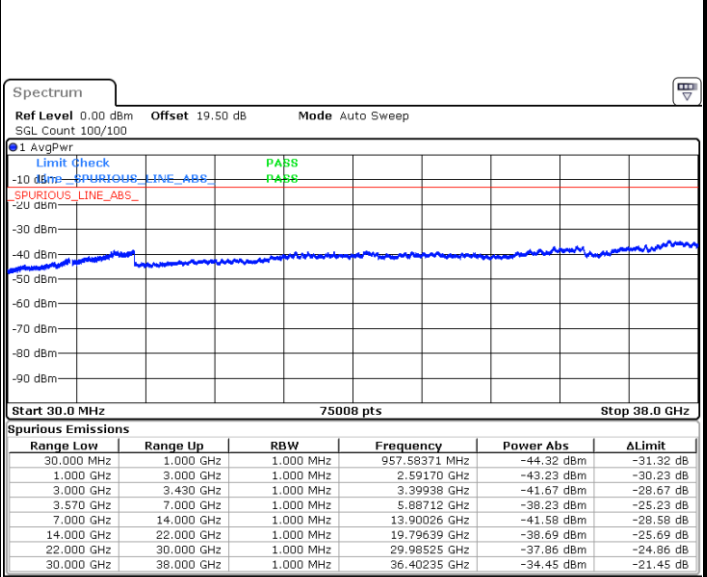
LTE Band 42 / 15MHz

Lowest Channel / QPSK



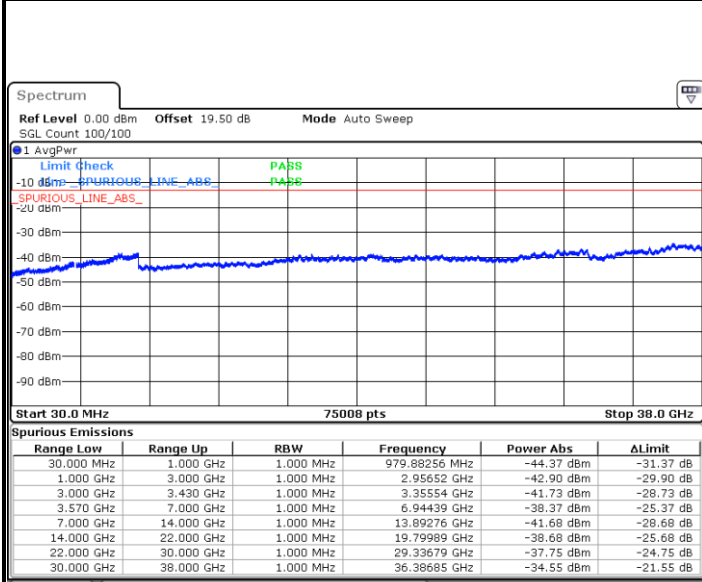
Date: 18.JAN.2023 16:09:14

Lowest Channel / 16QAM



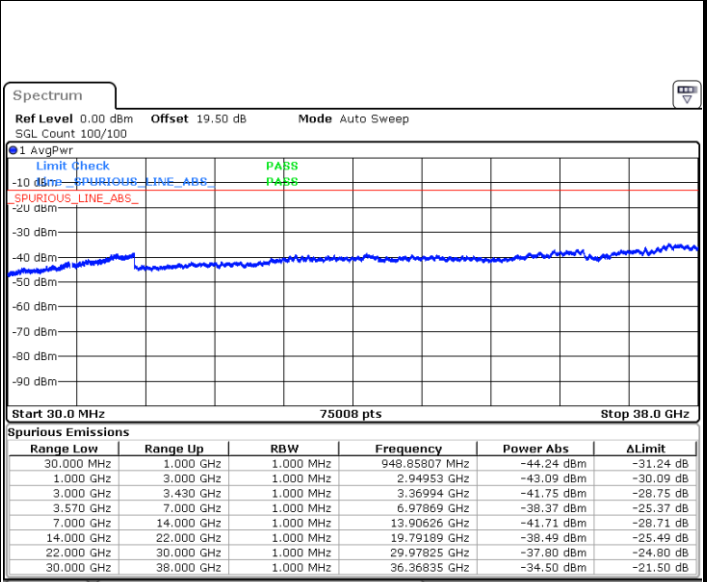
Date: 18.JAN.2023 16:07:57

Middle Channel / QPSK



Date: 18.JAN.2023 16:10:31

Middle Channel / 16QAM

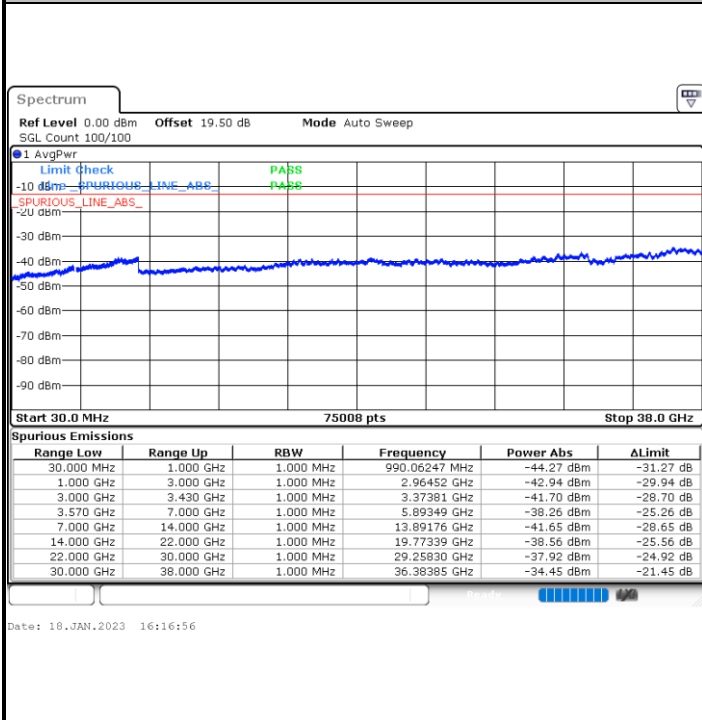


Date: 18.JAN.2023 16:11:48

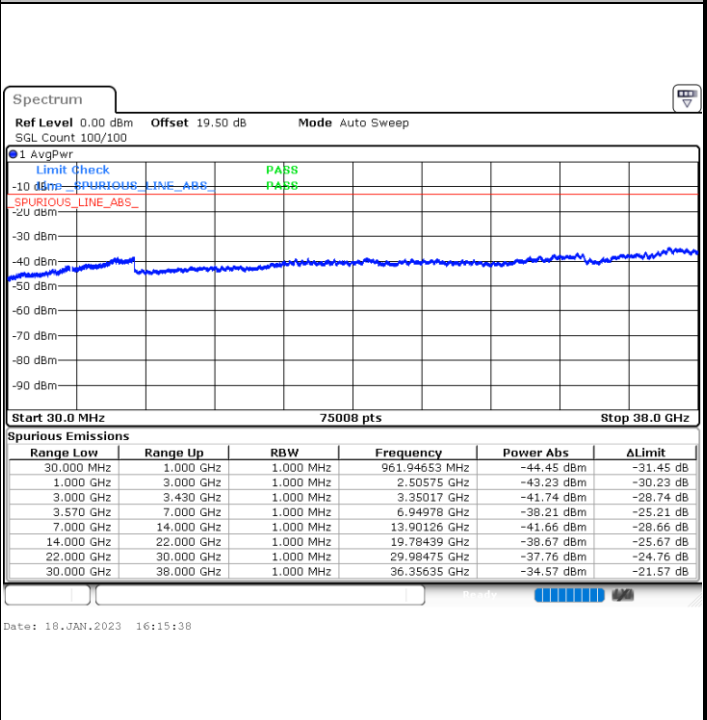


LTE Band7 / 15MHz

Highest Channel / QPSK

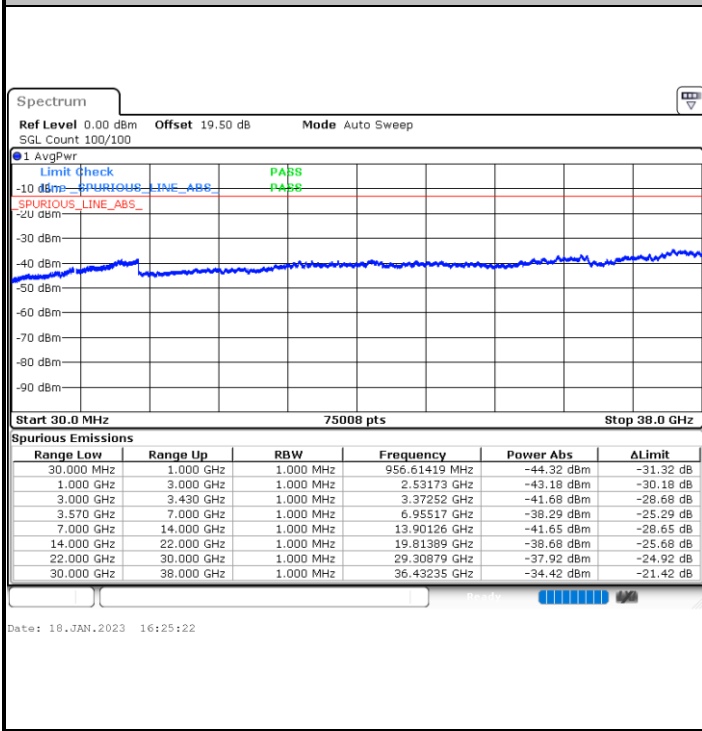


Highest Channel / 16QAM

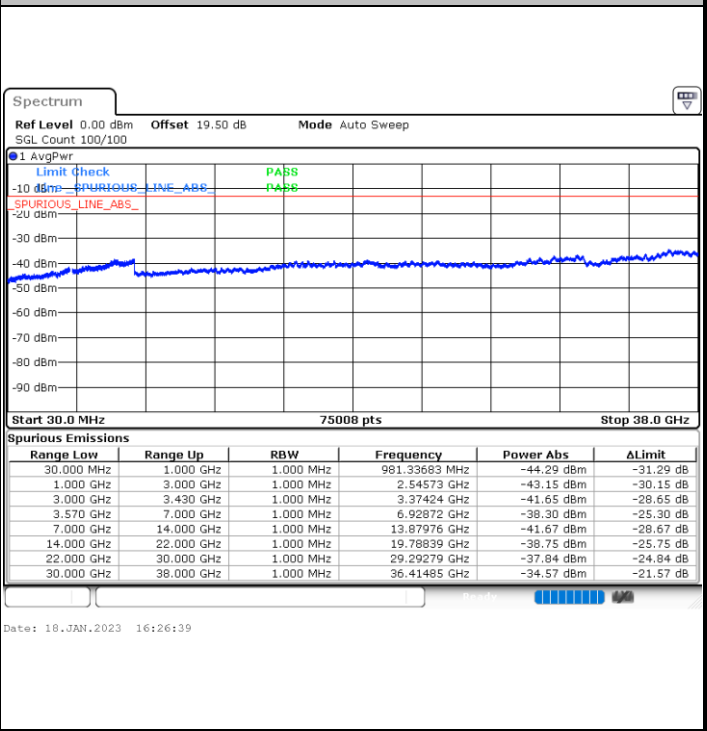


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

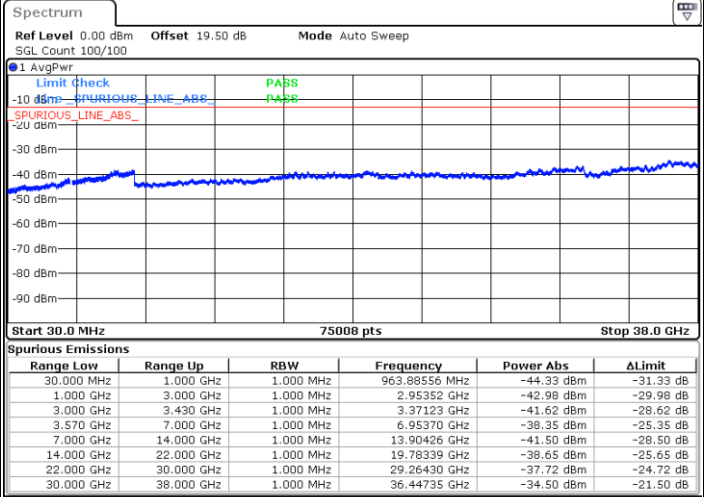
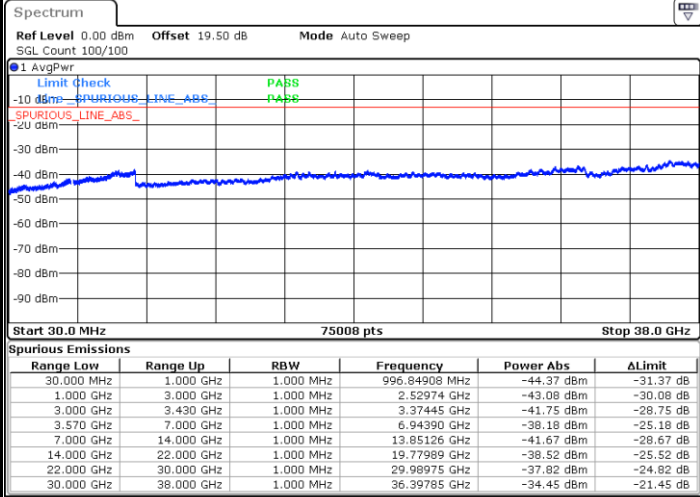




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

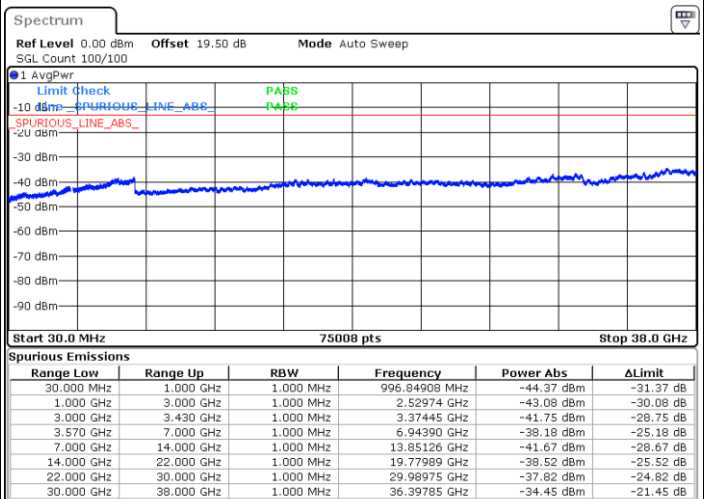
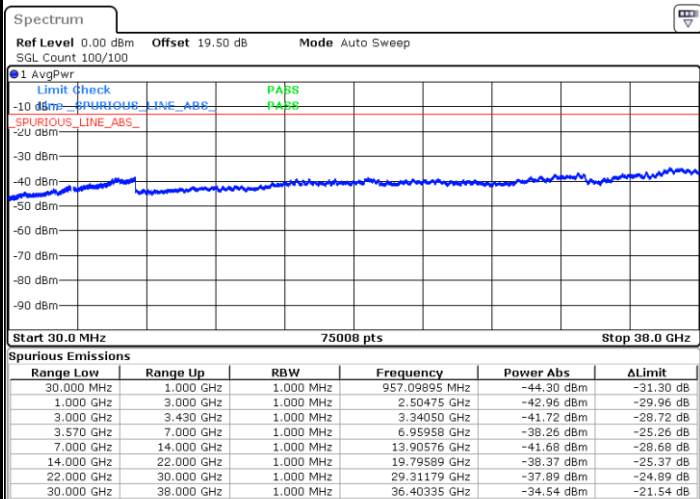


Date: 18.JAN.2023 16:34:20

Date: 18.JAN.2023 16:30:30

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.JAN.2023 16:33:03

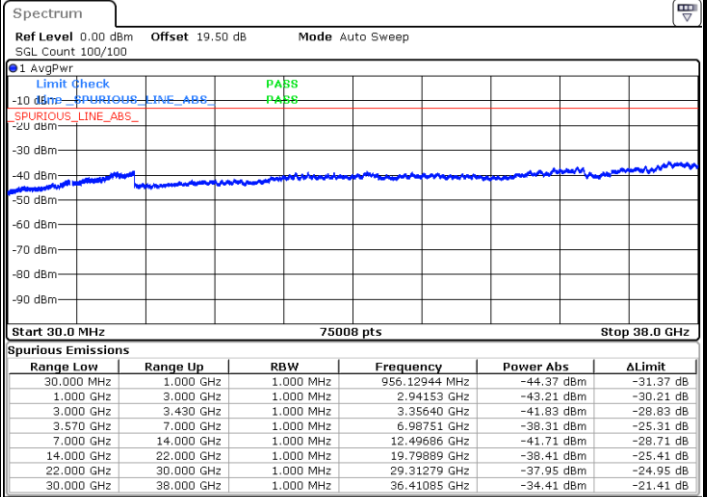
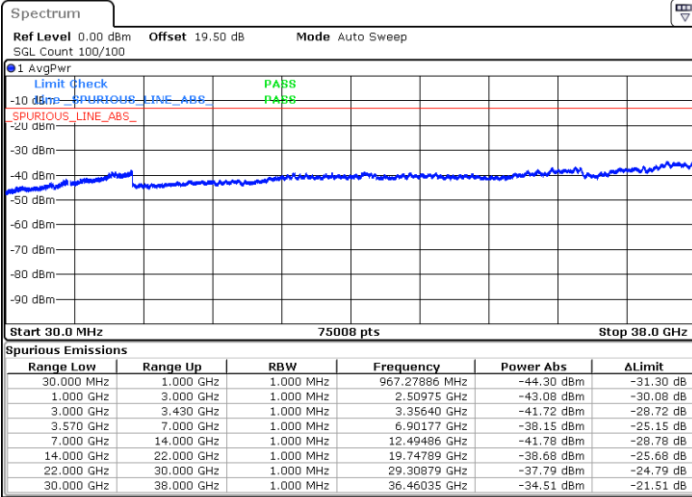
Date: 18.JAN.2023 16:34:20



LTE Band 42 / 5MHz

Lowest Channel / 64QAM

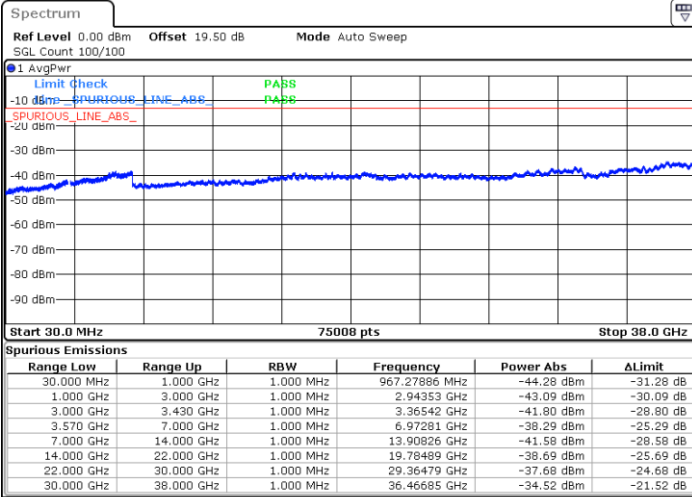
Middle Channel / 64QAM



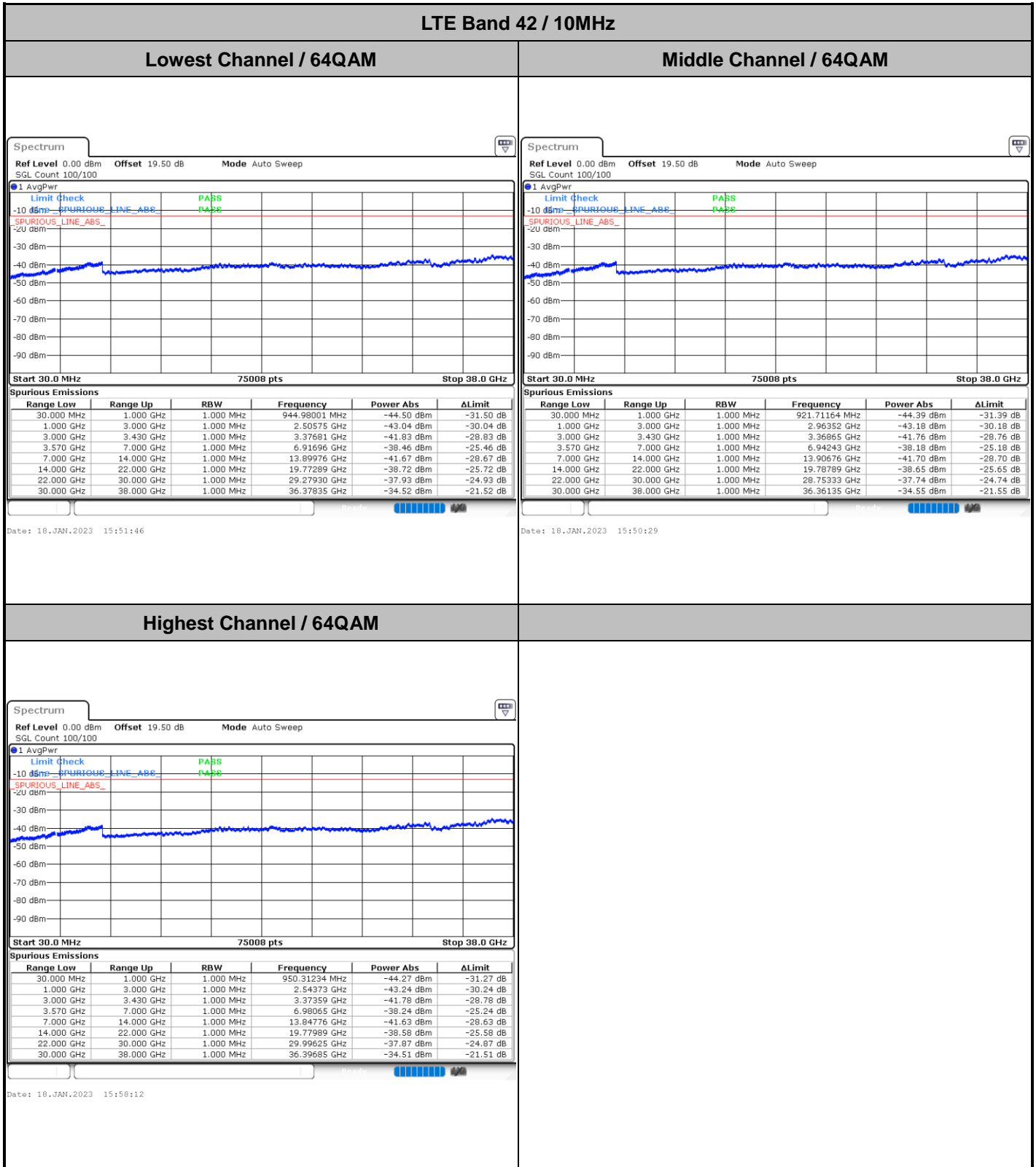
Date: 18.JAN.2023 15:31:49

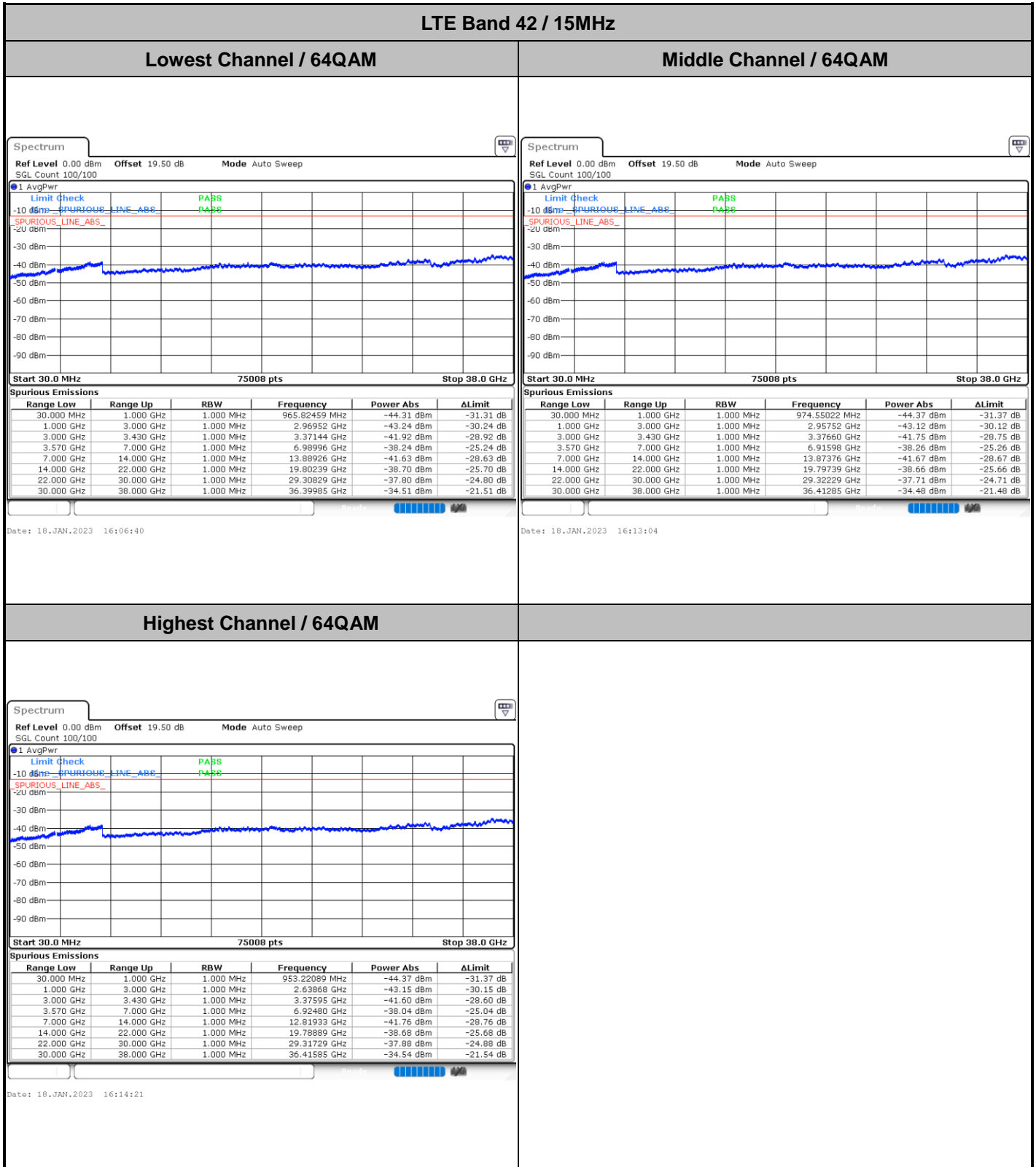
Date: 18.JAN.2023 15:35:39

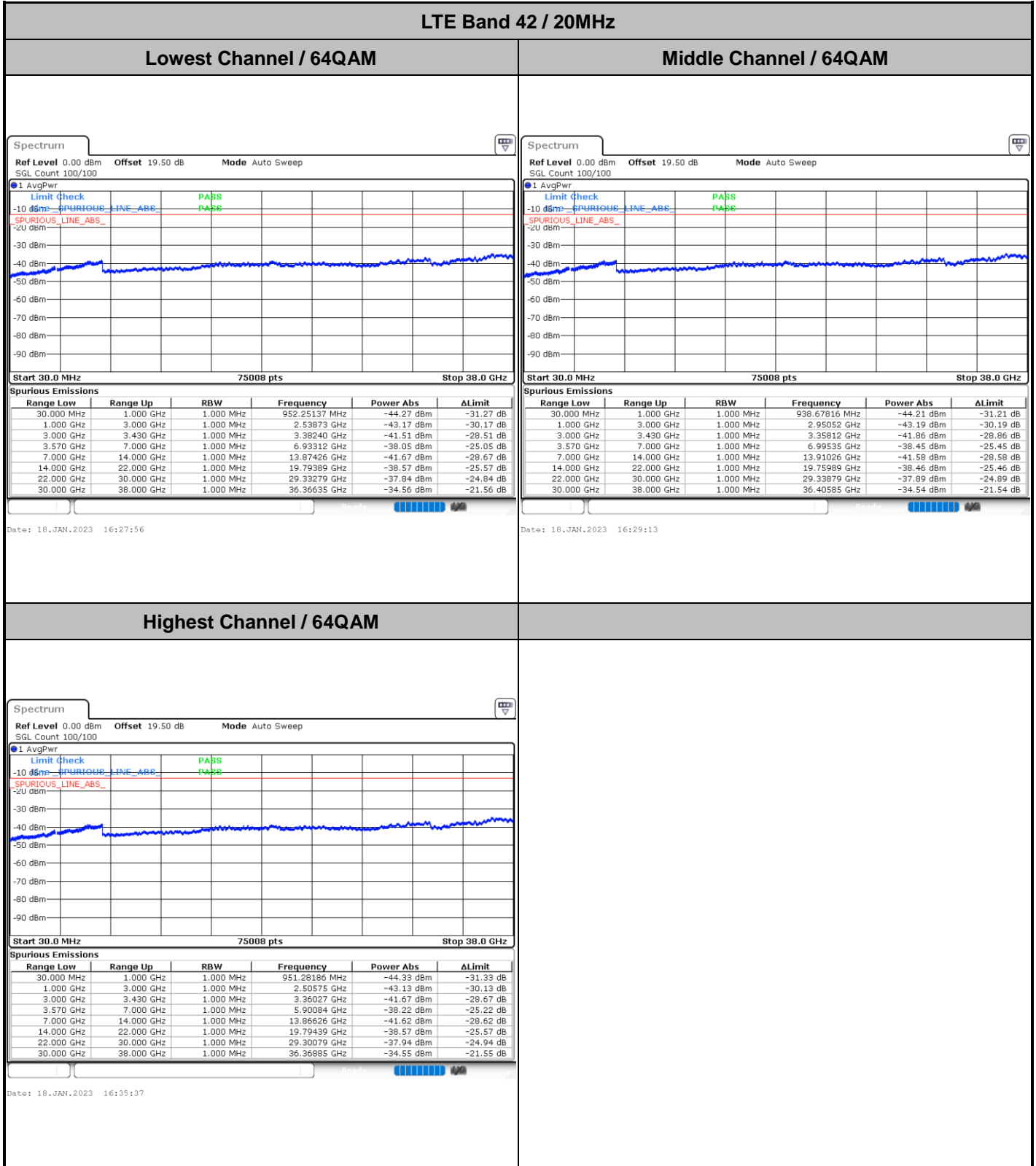
Highest Channel / 64QAM



Date: 18.JAN.2023 15:39:30







Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 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 :	Shiwei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

LTE Band 42 / 20MHz / QPSK / Ant. 0									
Channel	Frequency (MHz)	EIRP (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	6802.00	-57.99	-13	-44.99	-65.12	-61.32	8.25	11.58	H
	10203.00	-56.48	-13	-43.48	-68.32	-58.03	10.45	12.00	H
	13604.00	-53.34	-13	-40.34	-69.43	-55.05	11.74	13.45	H
	6802.00	-56.10	-13	-43.10	-65.61	-59.43	8.25	11.58	V
	10203.00	-55.06	-13	-42.06	-68.17	-56.61	10.45	12.00	V
	13604.00	-54.73	-13	-41.73	-69.22	-56.44	11.74	13.45	V
Middle	6982.00	-57.26	-13	-44.26	-64.98	-60.56	8.30	11.60	H
	10473.00	-56.30	-13	-43.30	-68.46	-57.82	10.48	12.00	H
	13964.00	-54.46	-13	-41.46	-70.11	-56.16	11.80	13.50	H
	6982.00	-57.83	-13	-44.83	-65.92	-61.13	8.30	11.60	V
	10473.00	-54.33	-13	-41.33	-68.7	-55.85	10.48	12.00	V
	13964.00	-55.10	-13	-42.10	-69.90	-56.80	11.80	13.50	V
Highest	7162.00	-56.76	-13	-43.76	-65.16	-60.06	8.32	11.62	H
	10743.00	-54.43	-13	-41.43	-67.69	-56.11	10.52	12.20	H
	14324.00	-53.32	-13	-40.32	-69.36	-55.02	11.85	13.55	H
	7162.00	-55.63	-13	-42.63	-65.67	-58.93	8.32	11.62	V
	10743.00	-51.39	-13	-38.39	-67.18	-53.07	10.52	12.20	V
	14324.00	-53.69	-13	-40.69	-69.21	-55.39	11.85	13.55	V

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