

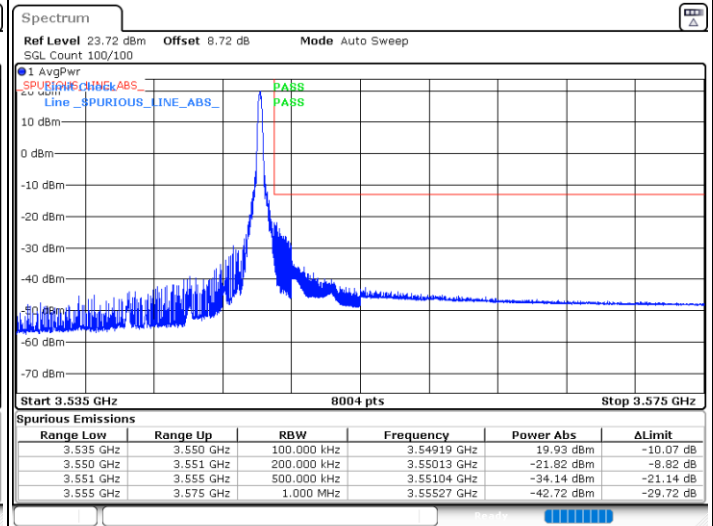
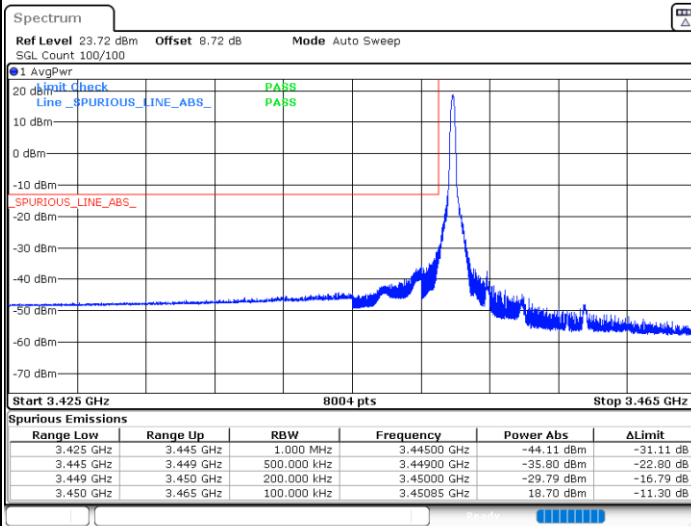


LTE Band 42 / 15MHz

64QAM

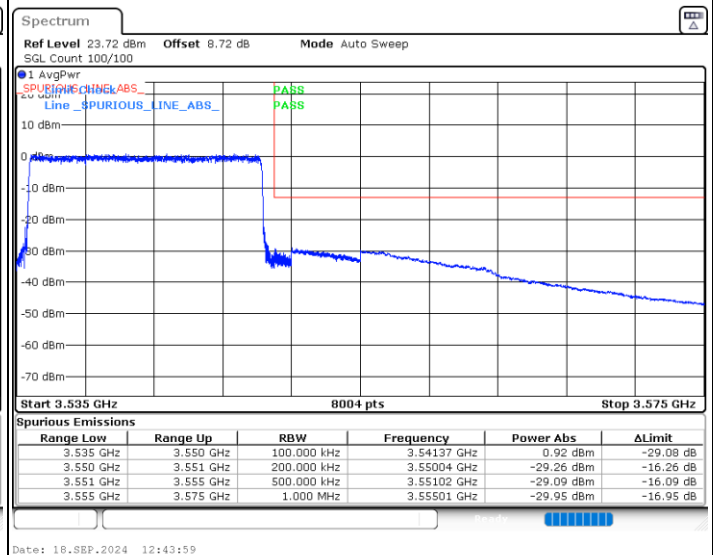
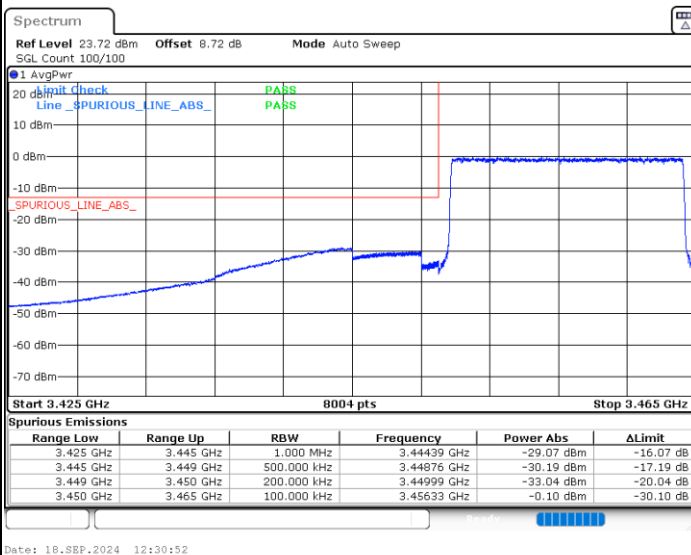
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB

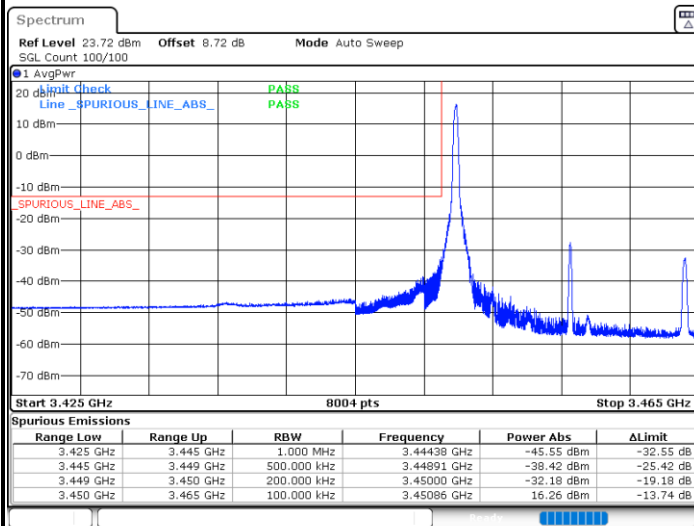




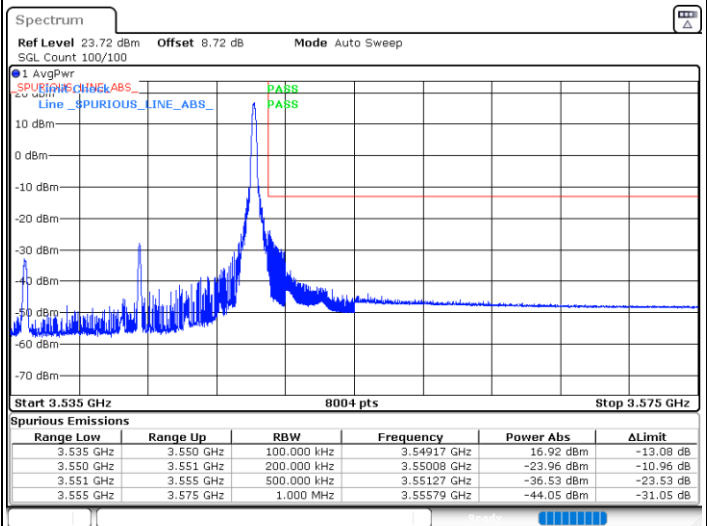
LTE Band 42 / 15MHz

256QAM

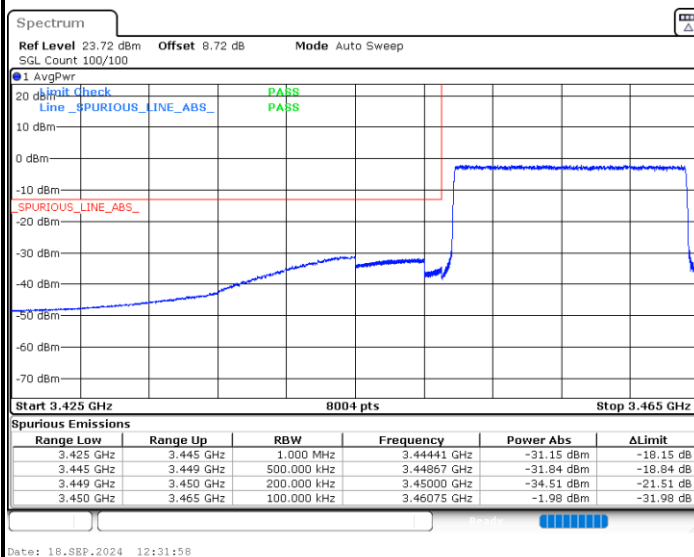
Lowest Channel / 1RB0



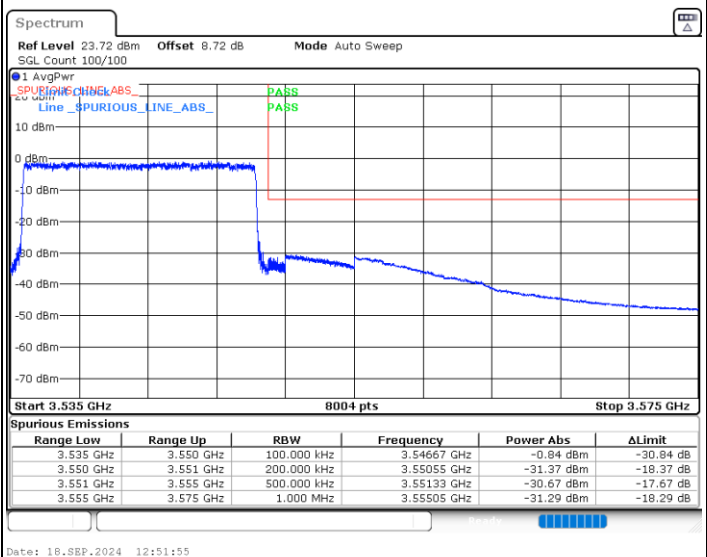
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



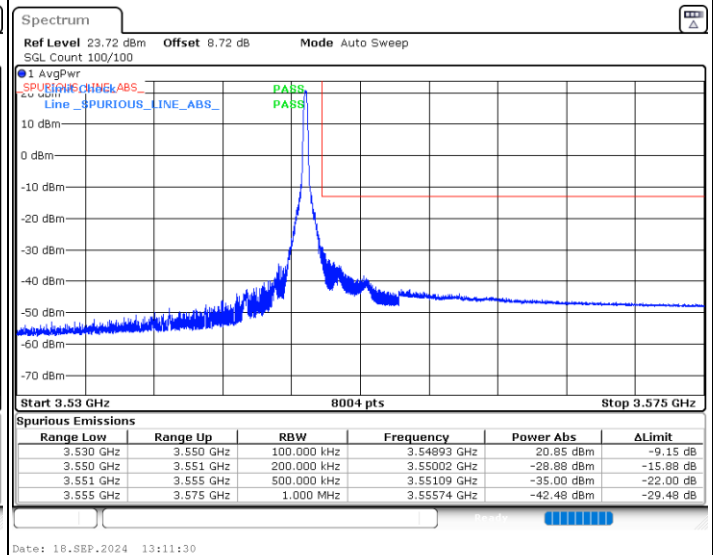
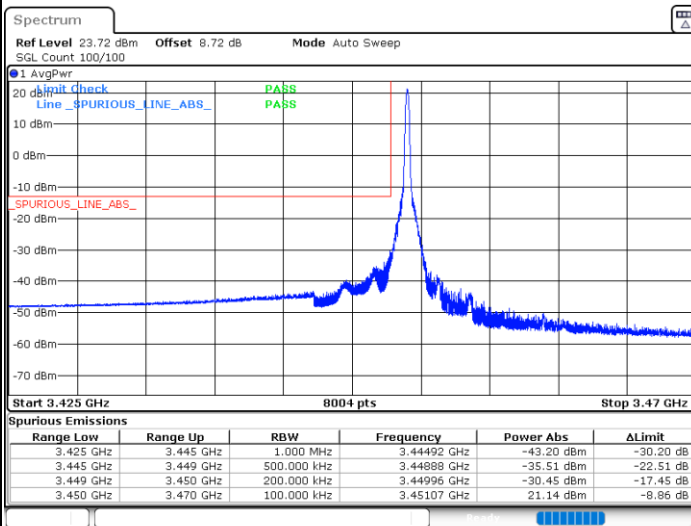


LTE Band 42 / 20MHz

QPSK

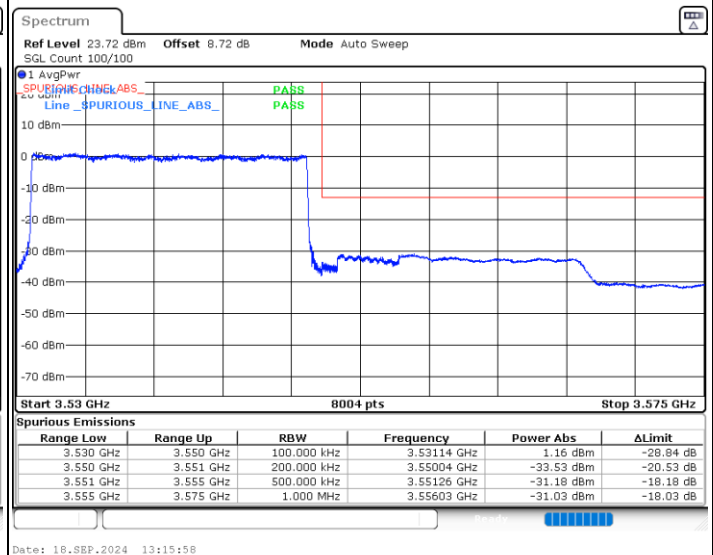
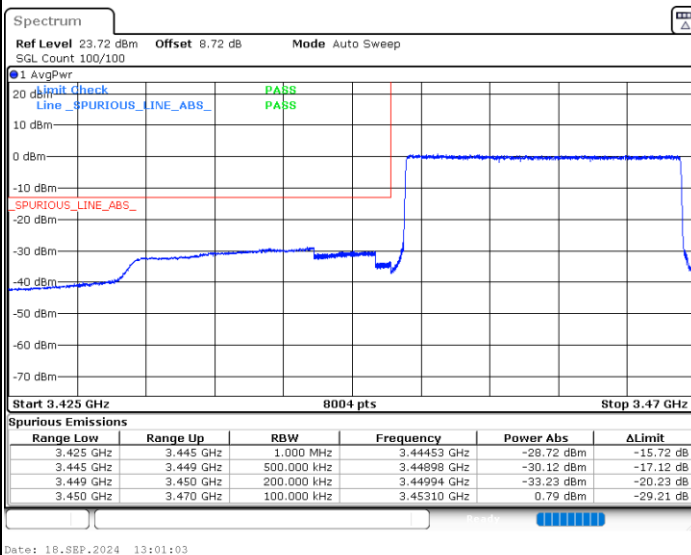
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB

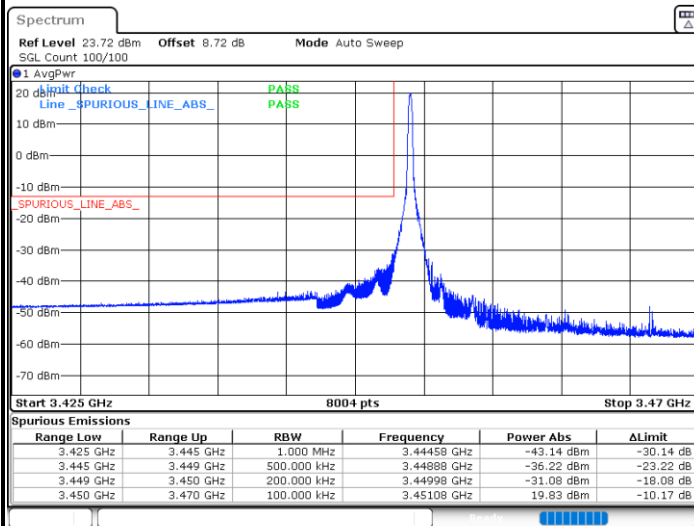




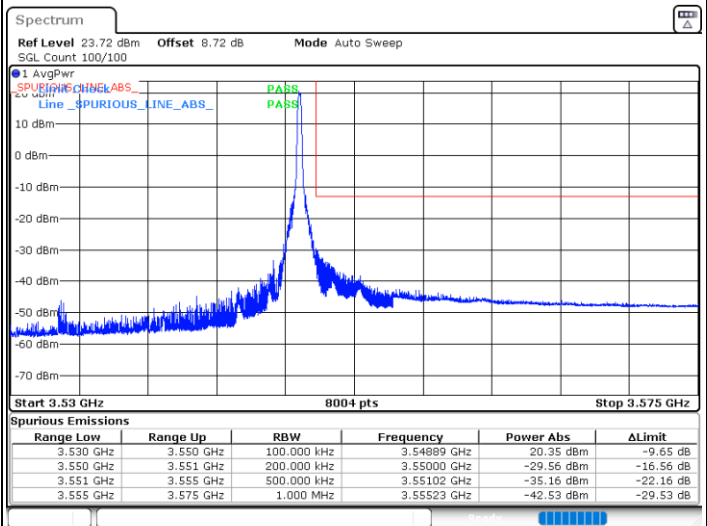
LTE Band 42 / 20MHz

16QAM

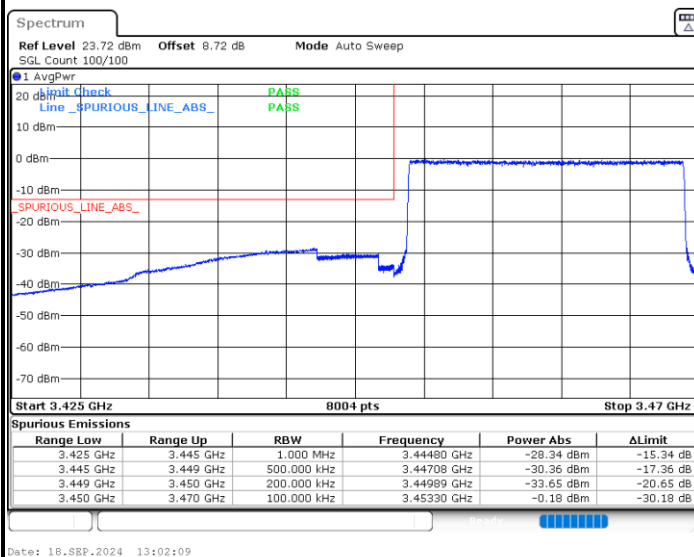
Lowest Channel / 1RB0



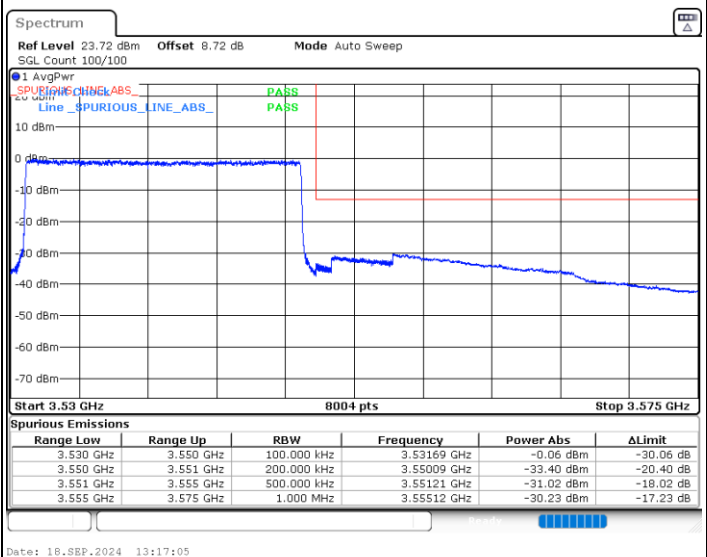
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



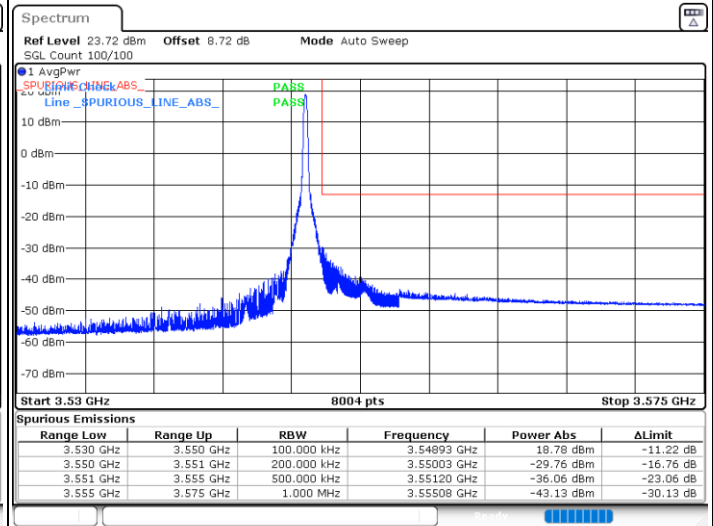
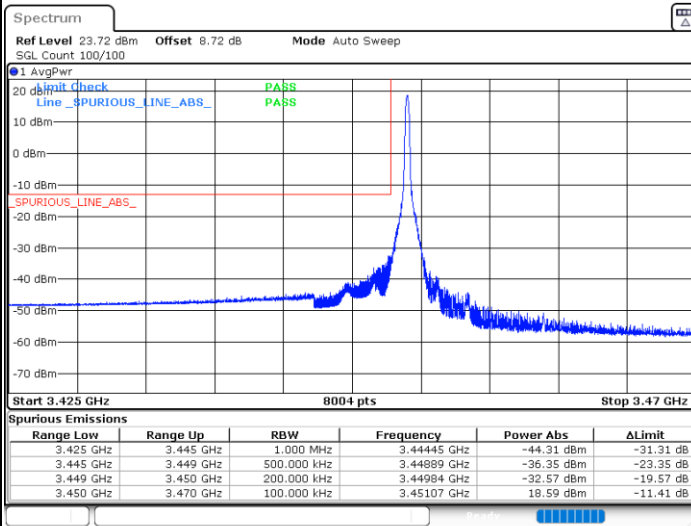


LTE Band 42 / 20MHz

64QAM

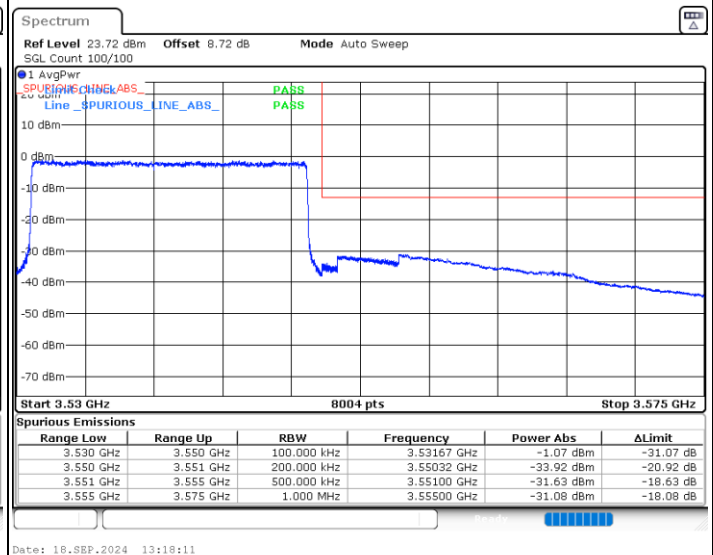
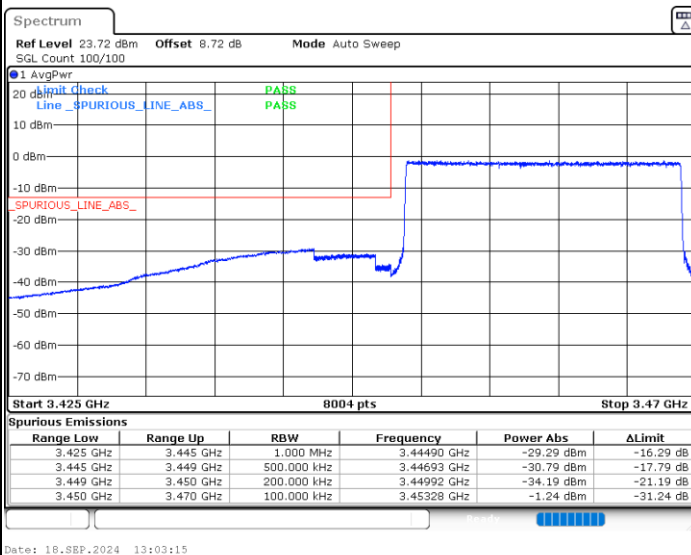
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



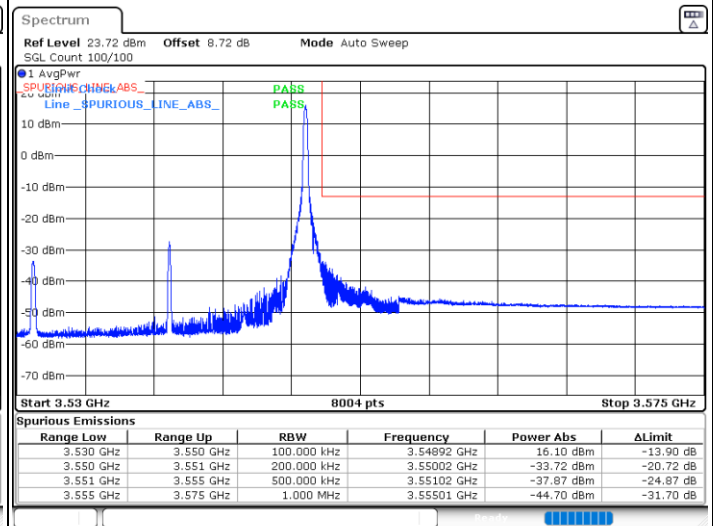
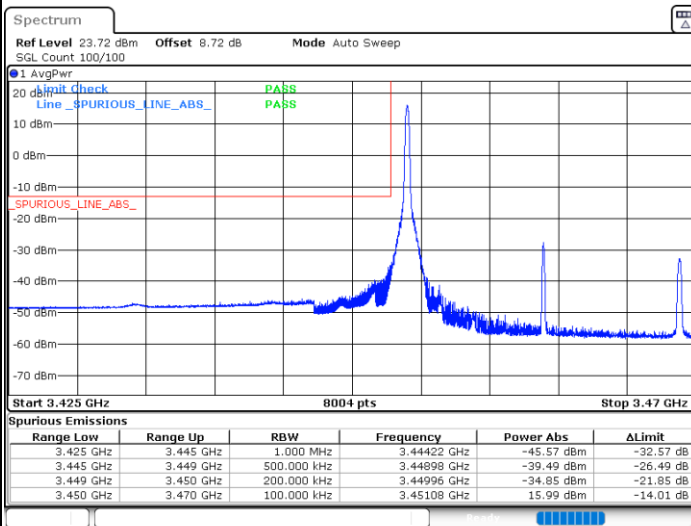


LTE Band 42 / 20MHz

256QAM

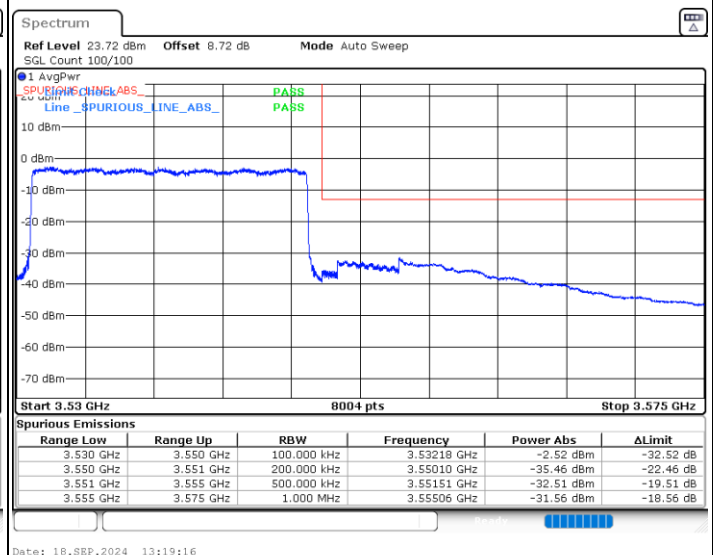
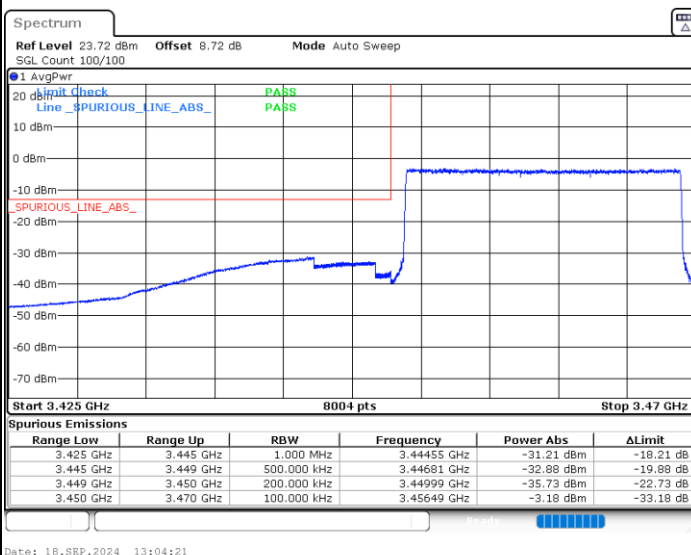
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB





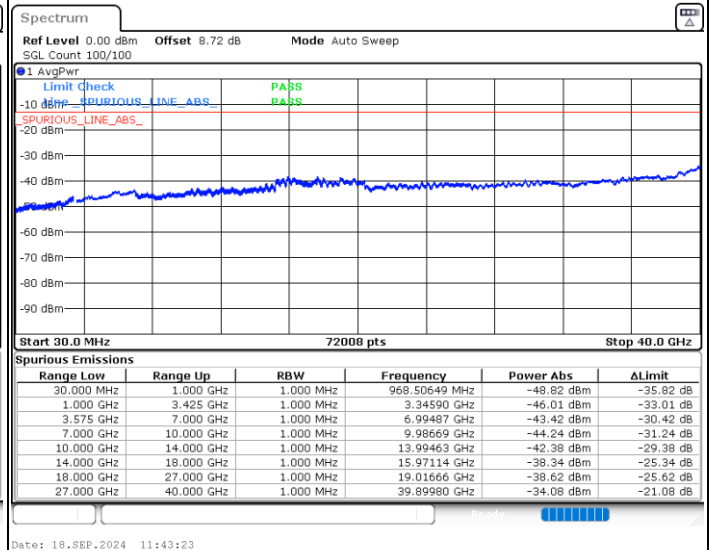
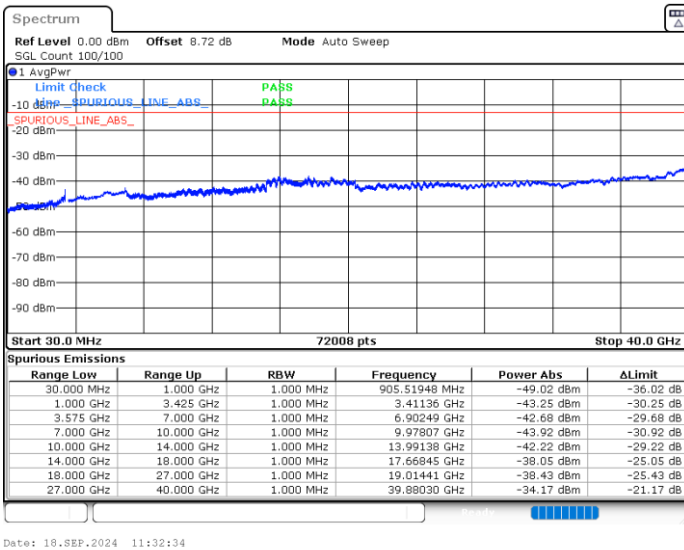
Conducted Spurious Emission

LTE Band 42/ 5MHz

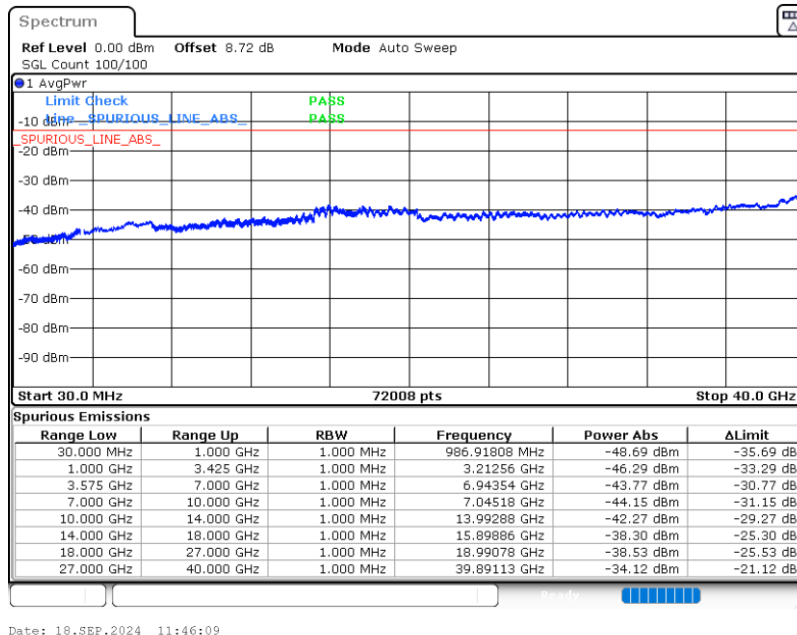
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



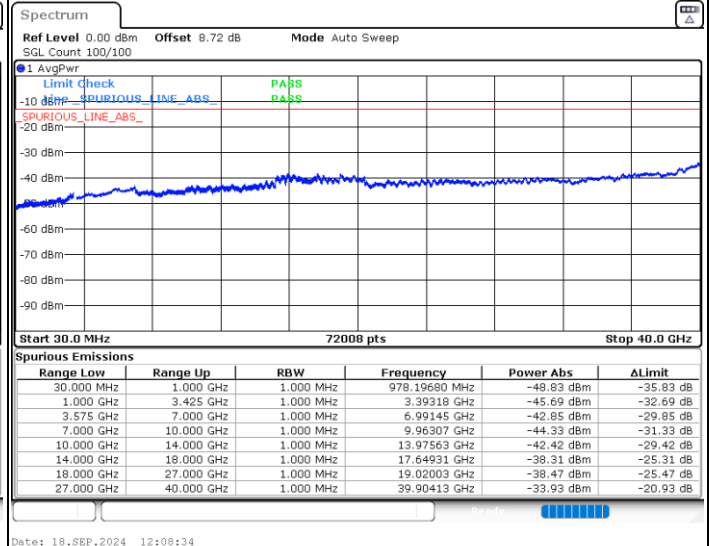
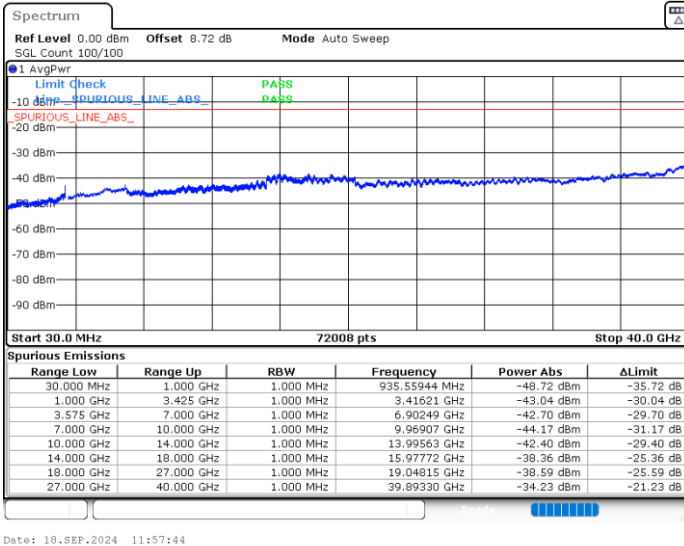


LTE Band 42/ 10MHz

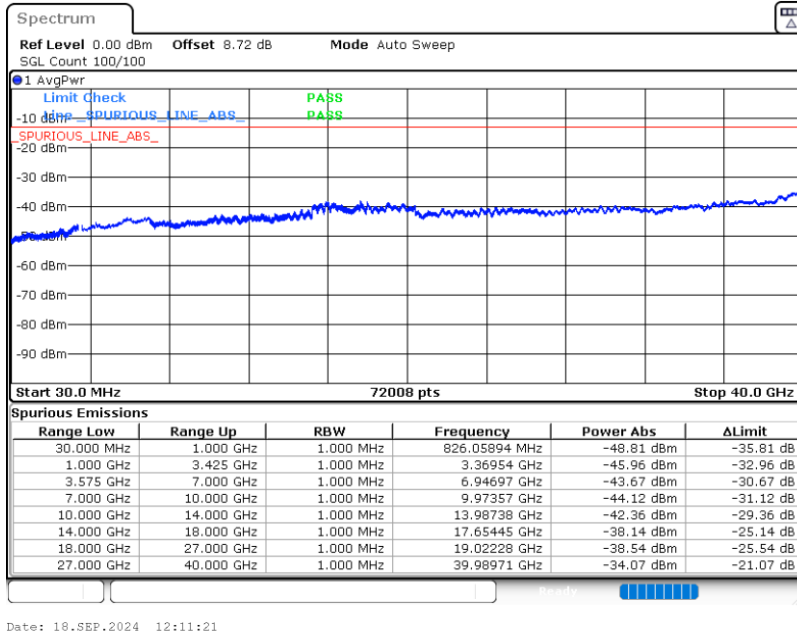
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



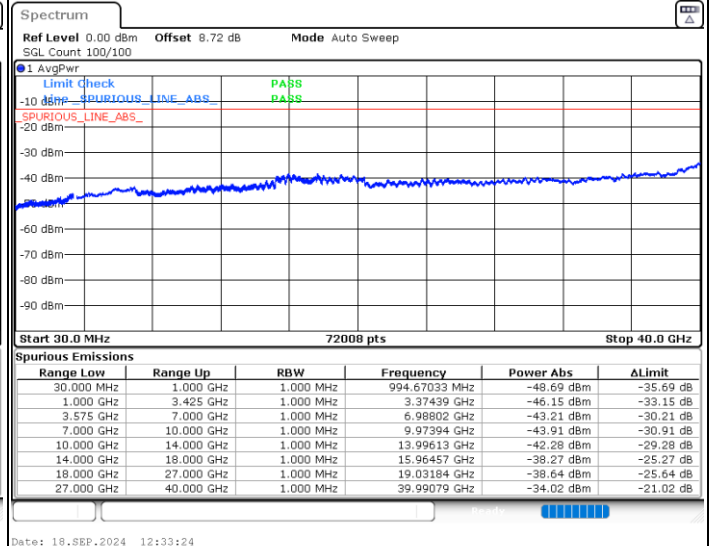
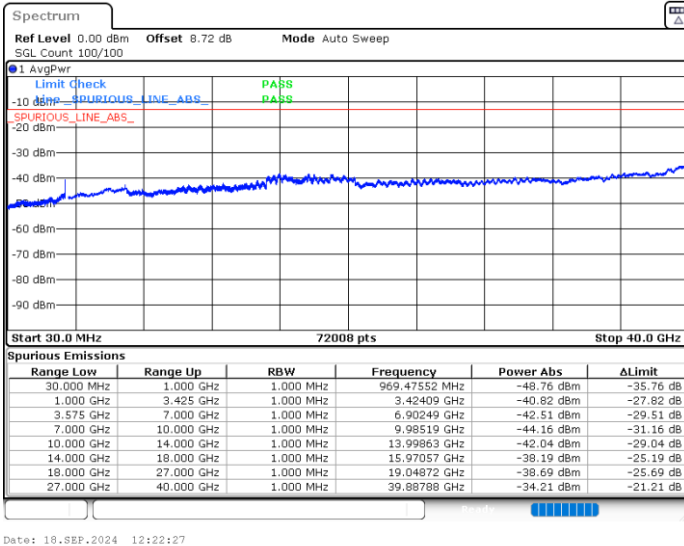


LTE Band 42/ 15MHz

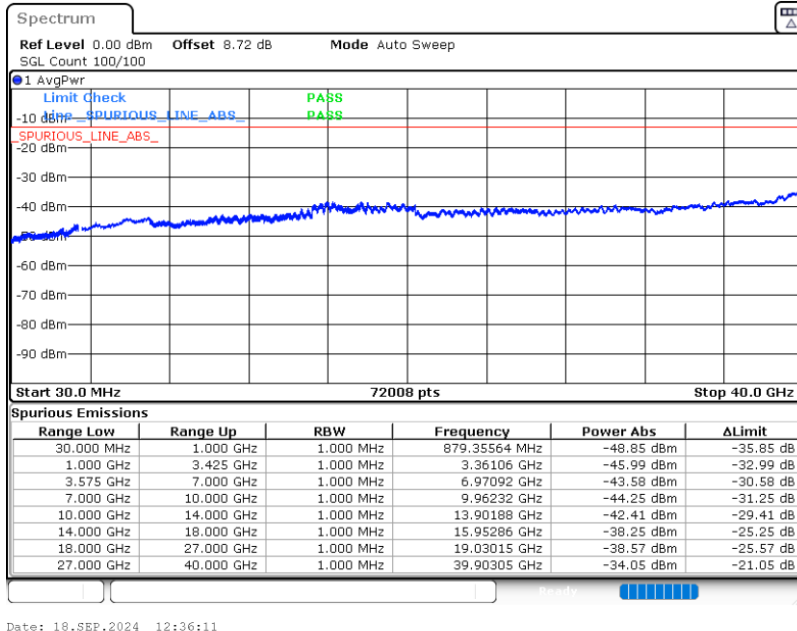
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



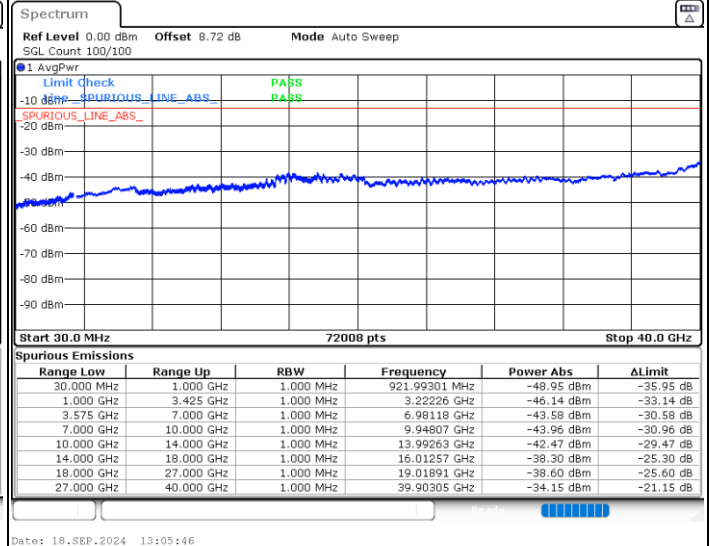
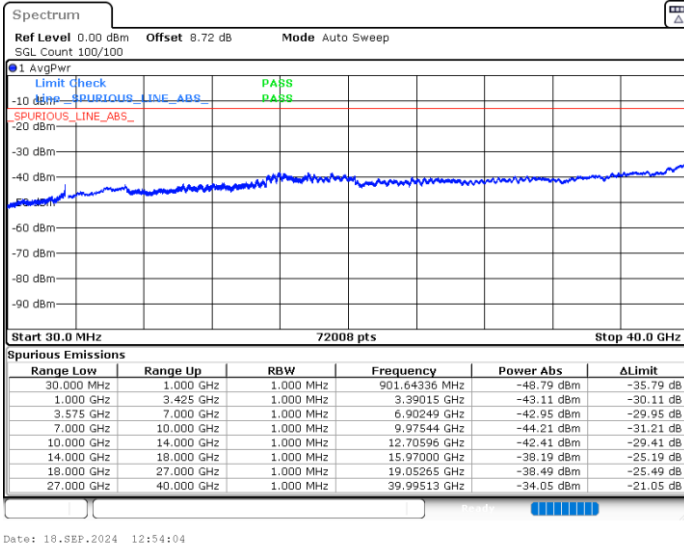


LTE Band 42/ 20MHz

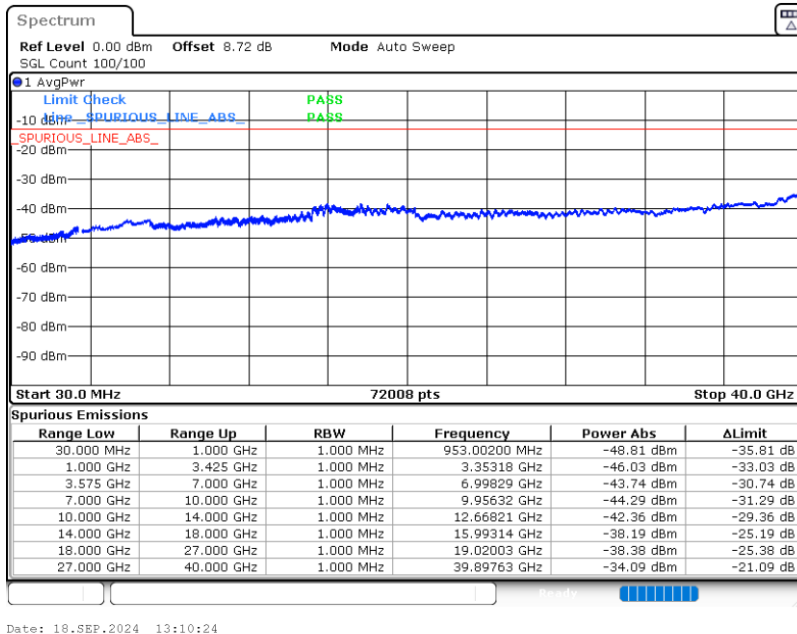
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0062	
-30	Normal Voltage	0.0077	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.87 ; Battery End Point (BEP) =3.5 ; Maximum Voltage =4.45
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 42 / 20MHz / QPSK / Ant. 2								
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)
Lowest	6900	-50.30	-13	-37.30	-60.51	3.03	13.24	H
	10356	-48.86	-13	-35.86	-58.31	3.56	13.01	H
	13804.36	-60.59	-13	-47.59	-70.11	3.92	13.44	H
	6900	-50.49	-13	-37.49	-60.70	3.03	13.24	V
	10353.27	-46.52	-13	-33.52	-55.97	3.56	13.01	V
	13804.36	-60.81	-13	-47.81	-70.33	3.92	13.44	V
Middle	6984	-51.14	-13	-38.14	-61.35	3.03	13.24	H
	10476	-51.93	-13	-38.93	-61.38	3.56	13.01	H
	13964.36	-60.57	-13	-47.57	-70.09	3.92	13.44	H
	6984	-49.72	-13	-36.72	-59.93	3.03	13.24	V
	10476	-48.07	-13	-35.07	-57.52	3.56	13.01	V
	13964.36	-61.63	-13	-48.63	-71.15	3.92	13.44	V
Highest	7068	-57.75	-13	-44.75	-67.96	3.03	13.24	H
	10596	-54.74	-13	-41.74	-64.19	3.56	13.01	H
	14124.36	-60.56	-13	-47.56	-70.08	3.92	13.44	H
	7056	-58.16	-13	-45.16	-68.37	3.03	13.24	V
	10596	-48.83	-13	-35.83	-58.28	3.56	13.01	V
	14124.36	-61.14	-13	-48.14	-70.66	3.92	13.44	V