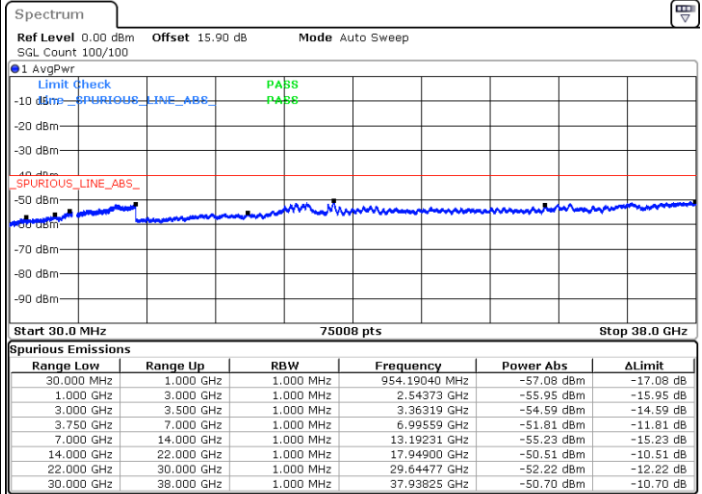
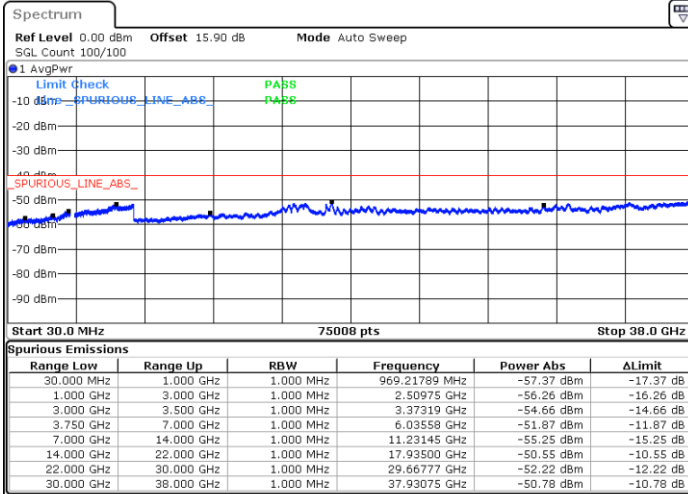


Highest Channel / BPSK 100RB6 and 50RB0

Highest Channel / QPSK 100RB6 and 50RB0



Date: 28.MAR.2024 18:42:58

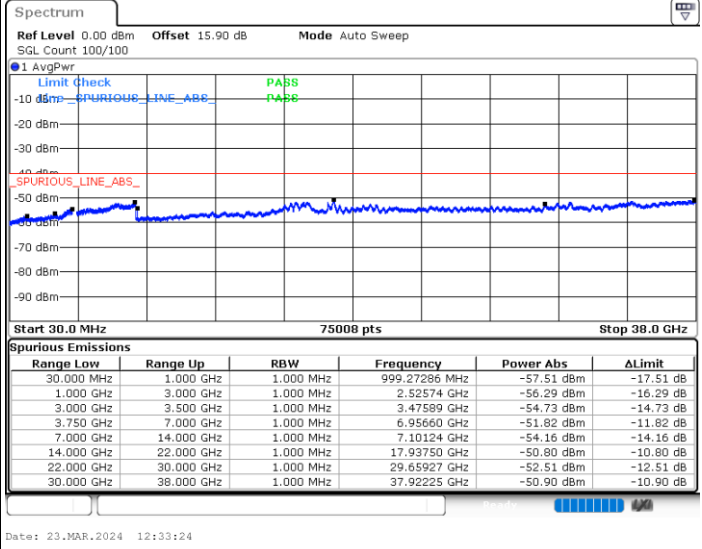
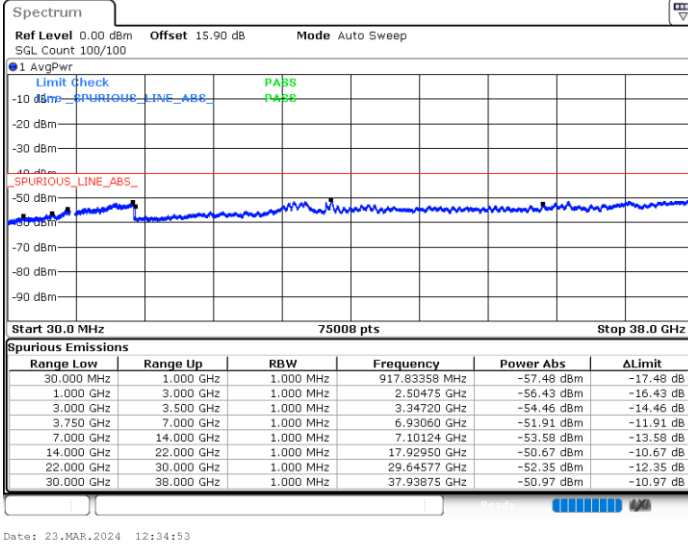
Date: 28.MAR.2024 18:59:12

FCC N48B / 20MHz+20MHz

PCC MAX POWER

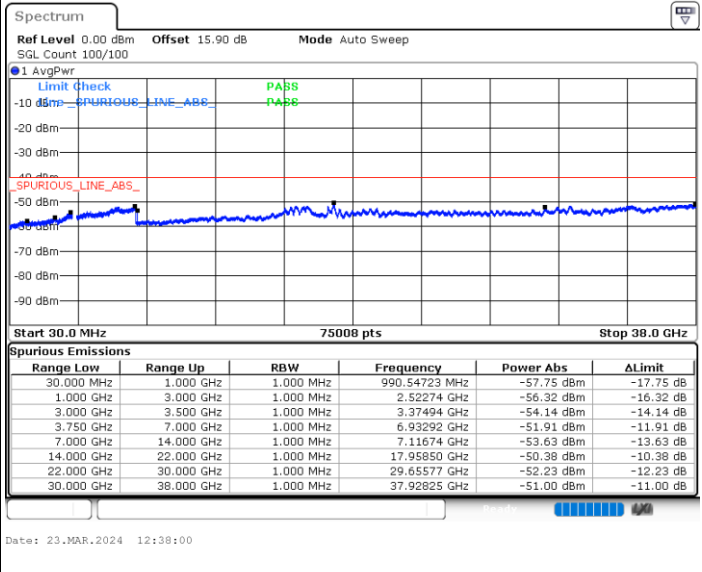
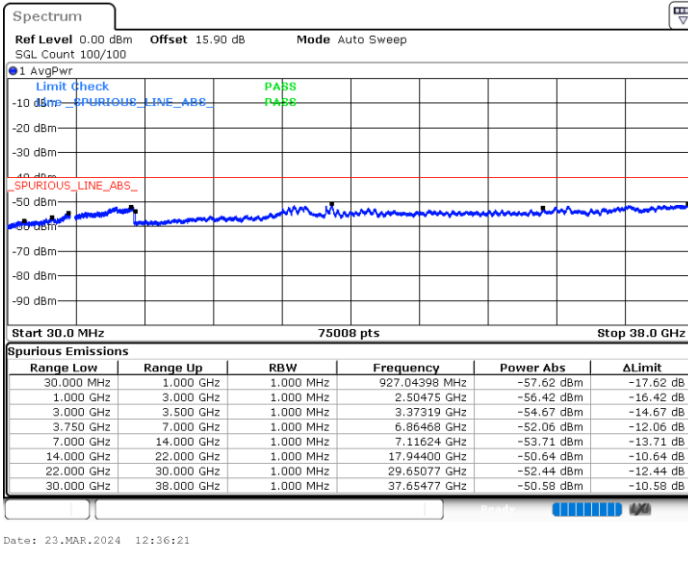
Lowest Channel / BPSK 1RB0 and 1RB105

Lowest Channel / QPSK 1RB0 and 1RB105



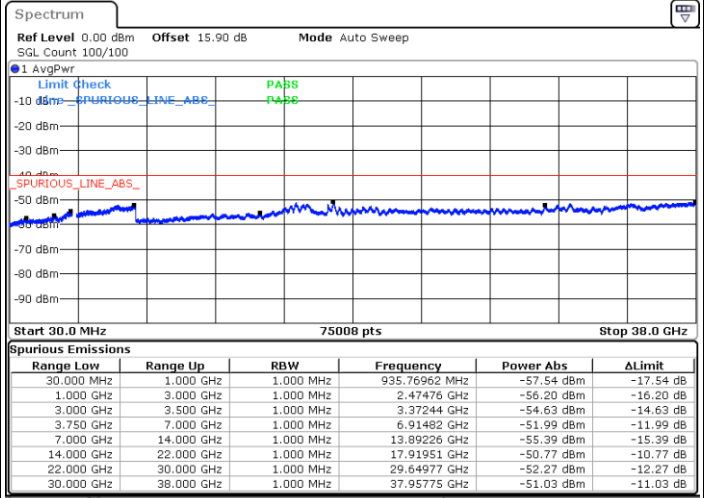
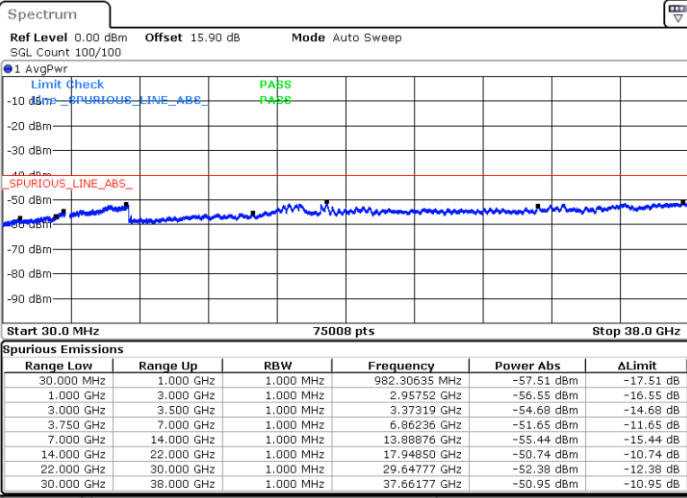
Lowest Channel / BPSK 1RB42 and 1RB64

Lowest Channel / QPSK 1RB42 and 1RB64



Lowest Channel / BPSK 100RB6 and 100RB0

Lowest Channel / QPSK 100RB6 and 100RB0

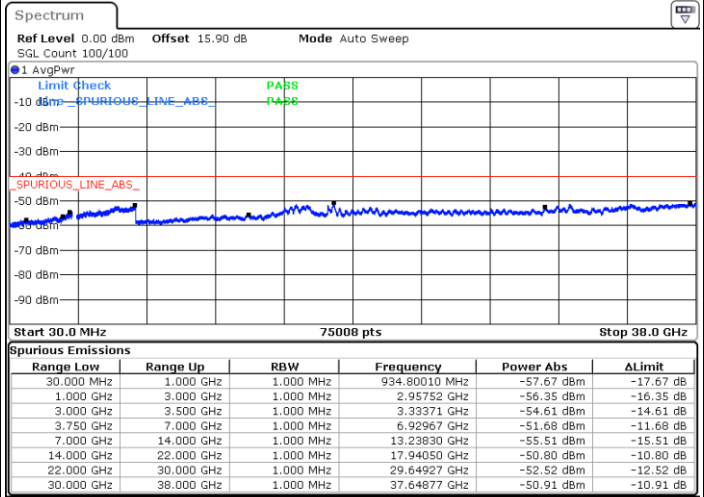
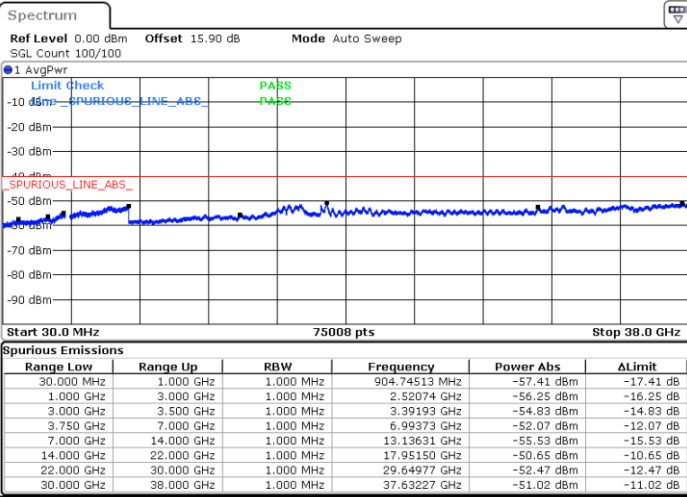


Date: 23.MAR.2024 12:07:54

Date: 23.MAR.2024 12:28:47

Middle Channel / BPSK 1RB0 and 1RB105

Middle Channel / QPSK 1RB0 and 1RB105

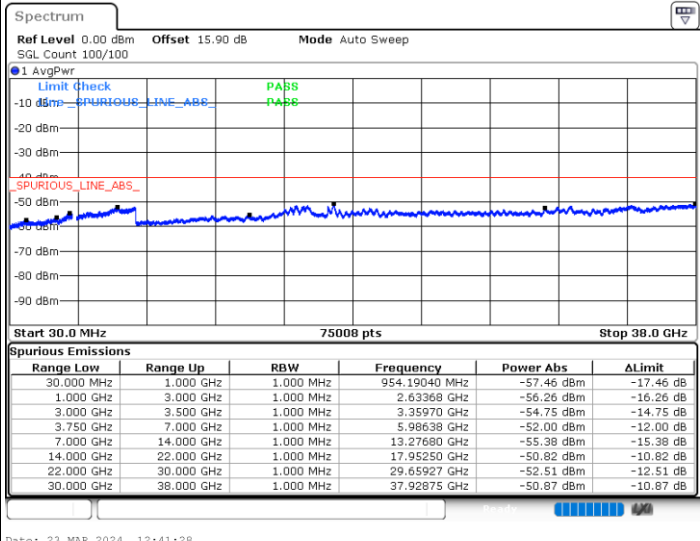
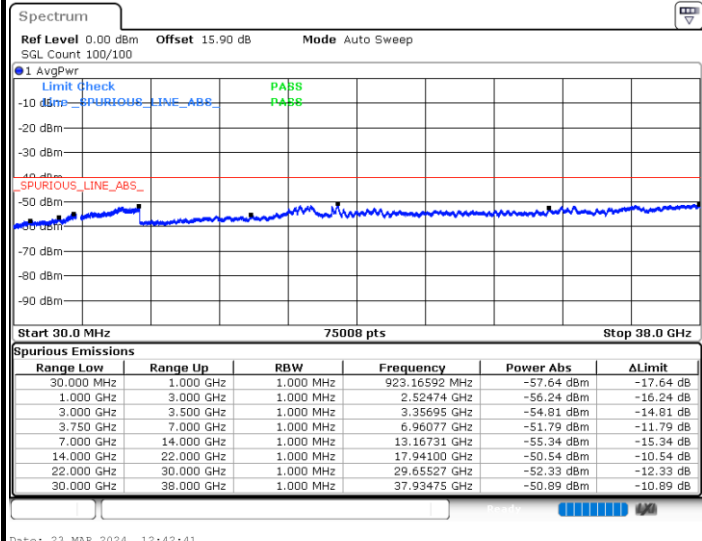


Date: 23.MAR.2024 12:44:21

Date: 23.MAR.2024 12:45:51

Middle Channel / BPSK 1RB42 and 1RB64

Middle Channel / QPSK 1RB42 and 1RB64

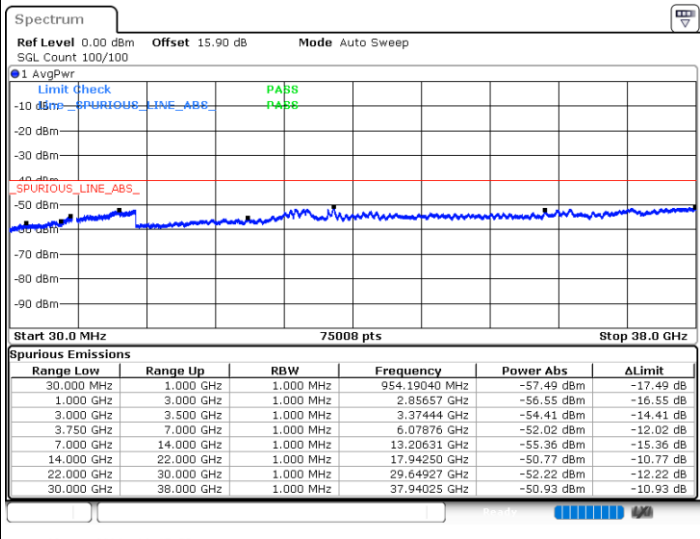
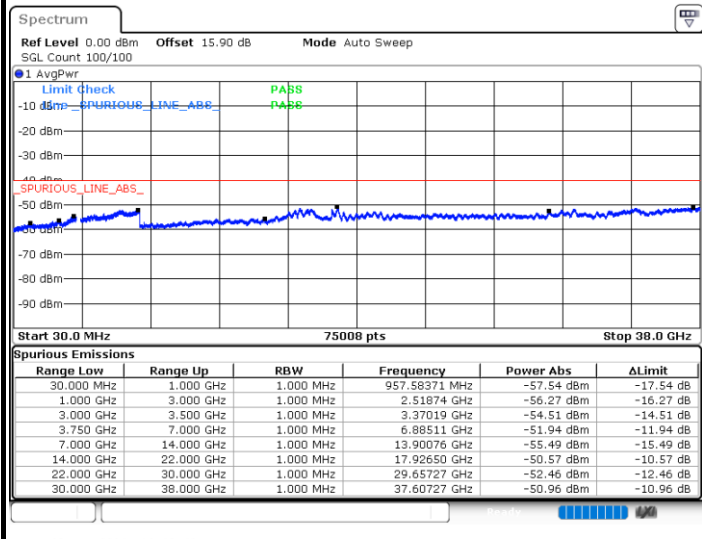


Date: 23.MAR.2024 12:42:41

Date: 23.MAR.2024 12:41:28

Middle Channel / BPSK 100RB6 and 100RB0

Middle Channel / QPSK 100RB6 and 100RB0

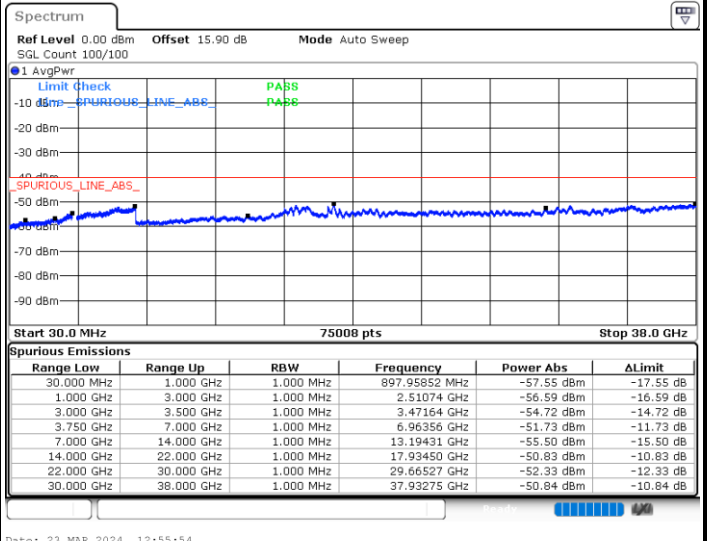
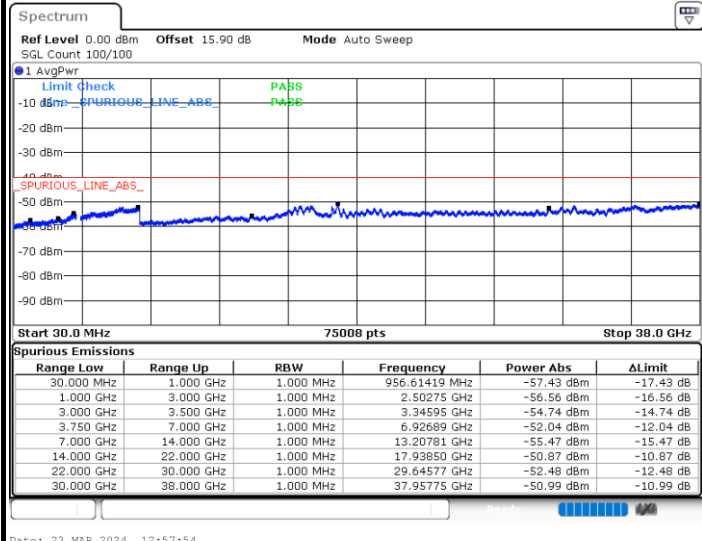


Date: 23.MAR.2024 12:49:48

Date: 23.MAR.2024 12:47:55

Highest Channel / BPSK 1RB0 and 1RB105

Highest Channel / QPSK 1RB0 and 1RB105

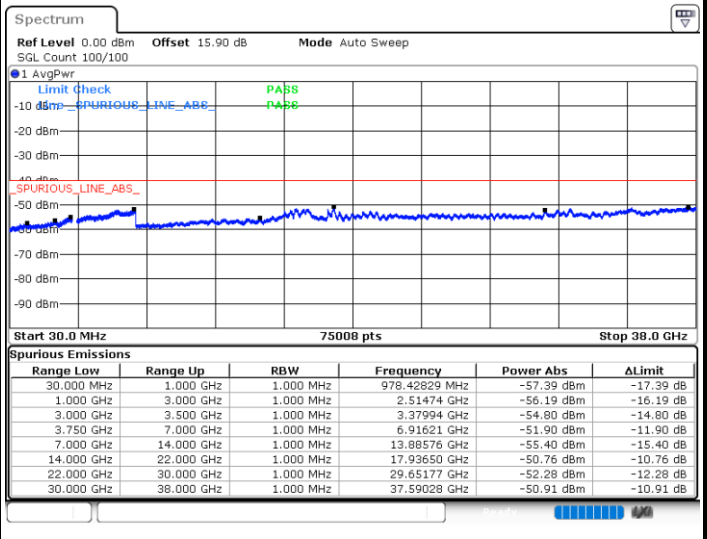
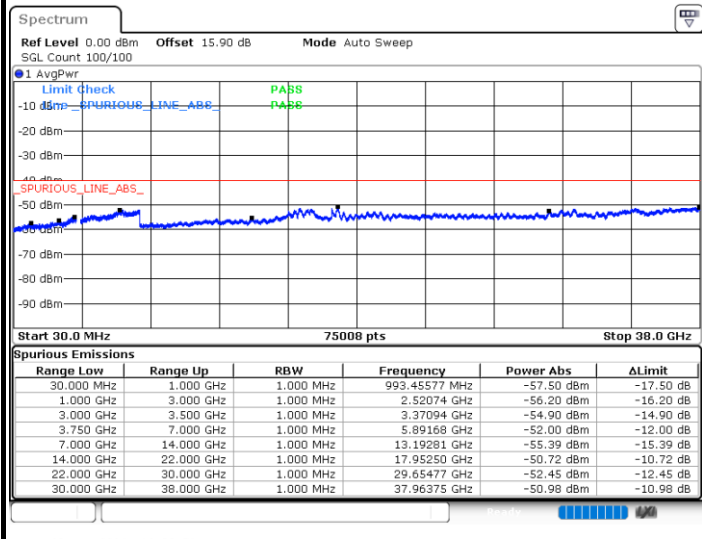


Date: 23.MAR.2024 12:57:54

Date: 23.MAR.2024 12:55:54

Highest Channel / BPSK 1RB42 and 1RB64

Highest Channel / QPSK 1RB42 and 1RB64

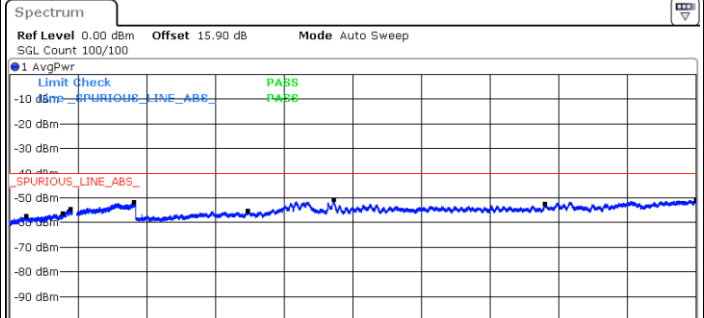
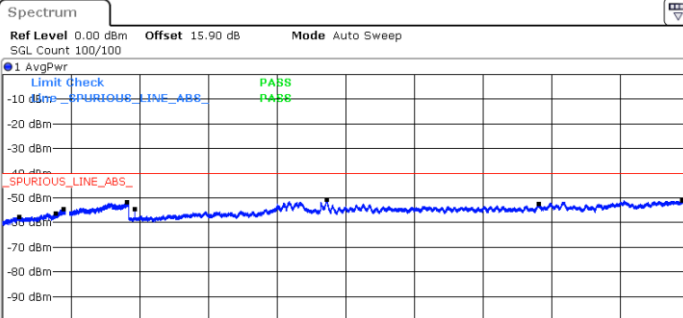


Date: 23.MAR.2024 12:59:51

Date: 23.MAR.2024 13:02:21

Highest Channel / BPSK 100RB6 and 100RB0

Highest Channel / QPSK 100RB6 and 100RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-57.67 dBm	-17.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96252 GHz	-56.31 dBm	-16.31 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.40217 GHz	-54.75 dBm	-14.75 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.88418 GHz	-51.70 dBm	-11.70 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.33223 GHz	-54.45 dBm	-14.45 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.95000 GHz	-50.78 dBm	-10.78 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.66877 GHz	-52.44 dBm	-12.44 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.61477 GHz	-51.03 dBm	-11.03 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-57.44 dBm	-17.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96952 GHz	-56.36 dBm	-16.36 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.38743 GHz	-54.51 dBm	-14.51 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.91342 GHz	-51.71 dBm	-11.71 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.20431 GHz	-55.31 dBm	-15.31 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.94850 GHz	-50.77 dBm	-10.77 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.65827 GHz	-52.42 dBm	-12.42 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.98075 GHz	-50.90 dBm	-10.90 dB

Date: 23.MAR.2024 12:51:50

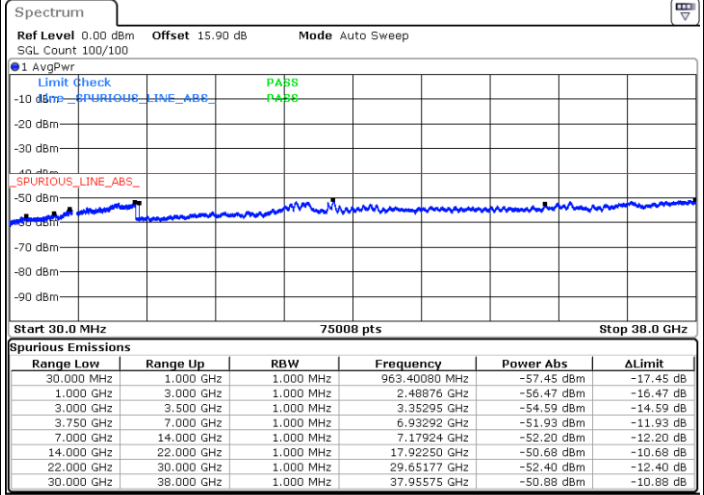
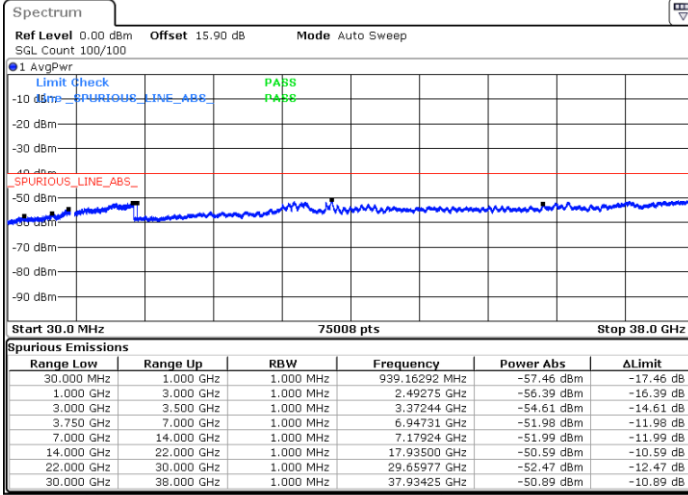
Date: 23.MAR.2024 12:53:58

FCC N48B / 20MHz+20MHz

SCC MAX POWER

Lowest Channel / BPSK 1RB0 and 1RB105

Lowest Channel / QPSK 1RB0 and 1RB105

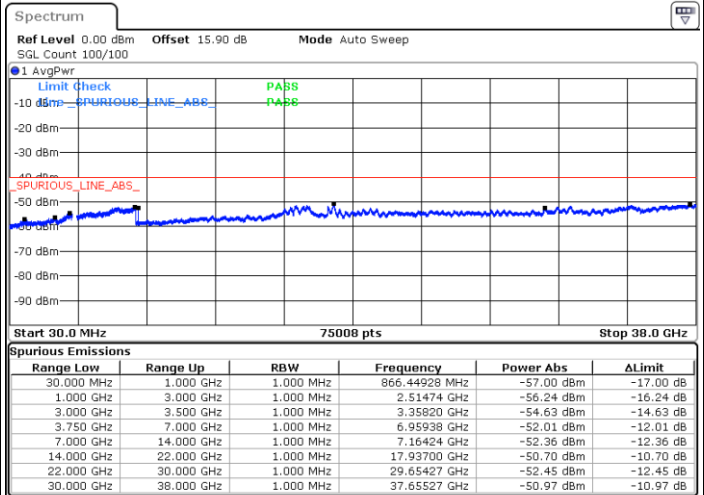
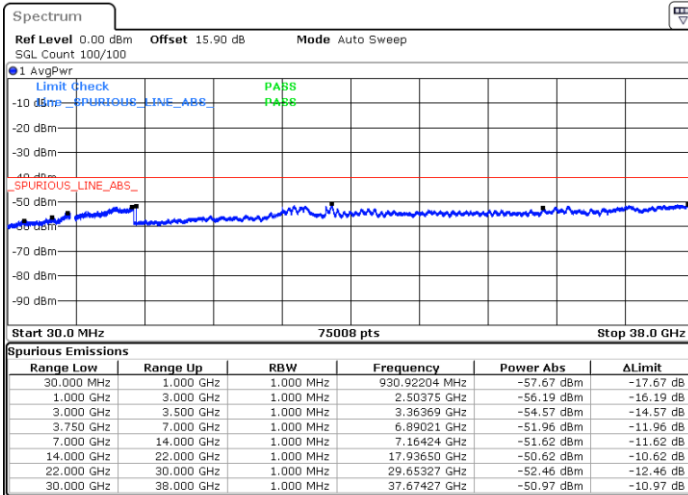


Date: 23.MAR.2024 14:52:55

Date: 23.MAR.2024 14:50:24

Lowest Channel / BPSK 1RB42 and 1RB64

Lowest Channel / QPSK 1RB42 and 1RB64

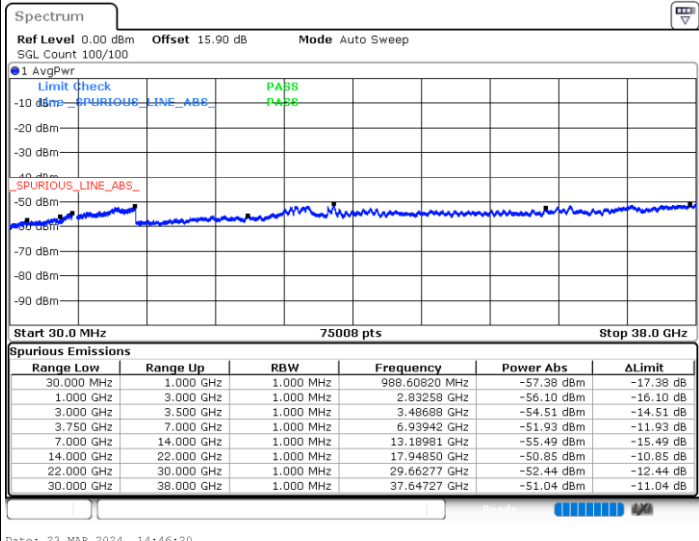
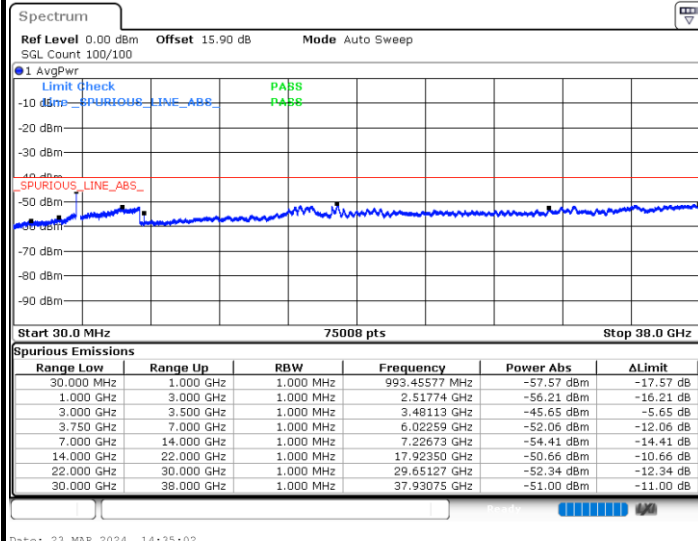


Date: 23.MAR.2024 14:55:03

Date: 23.MAR.2024 14:56:38

Lowest Channel / BPSK 100RB6 and 100RB0

Lowest Channel / QPSK 100RB6 and 100RB0

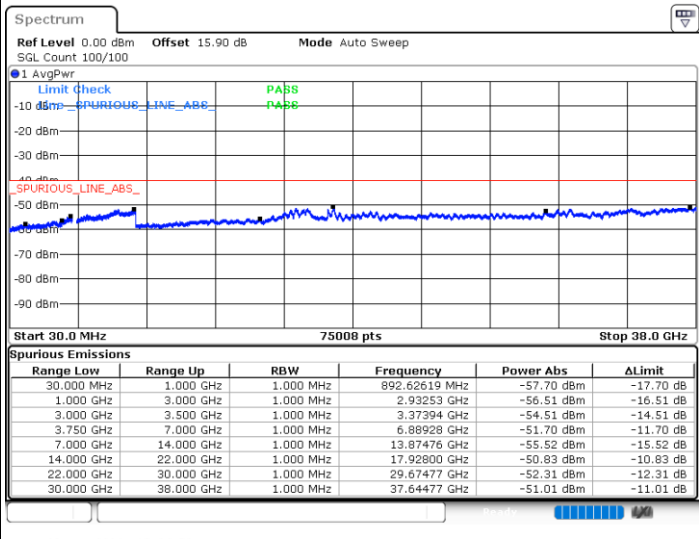
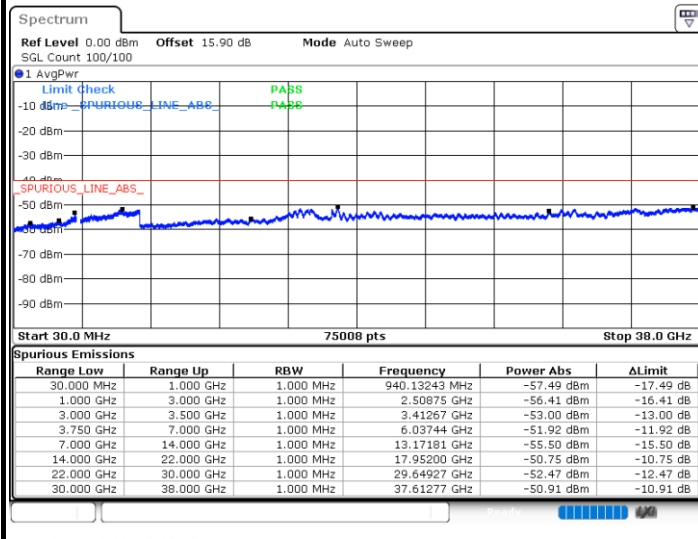


Date: 23.MAR.2024 14:35:02

Date: 23.MAR.2024 14:46:20

Middle Channel / BPSK 1RB0 and 1RB105

Middle Channel / QPSK 1RB0 and 1RB105

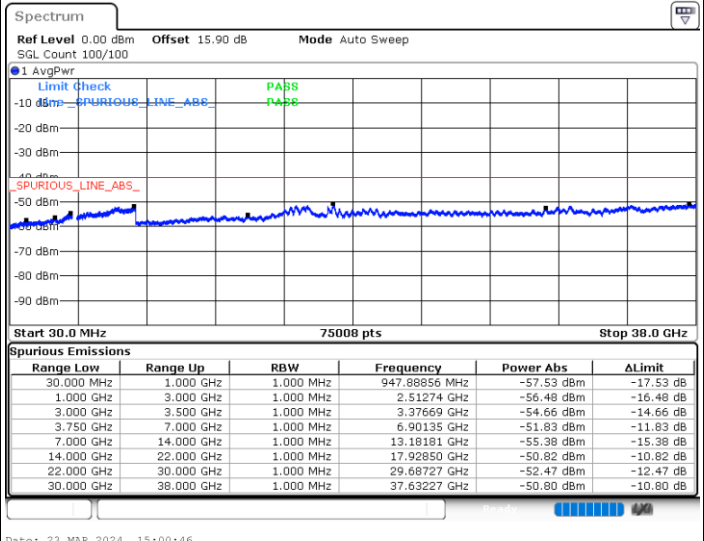
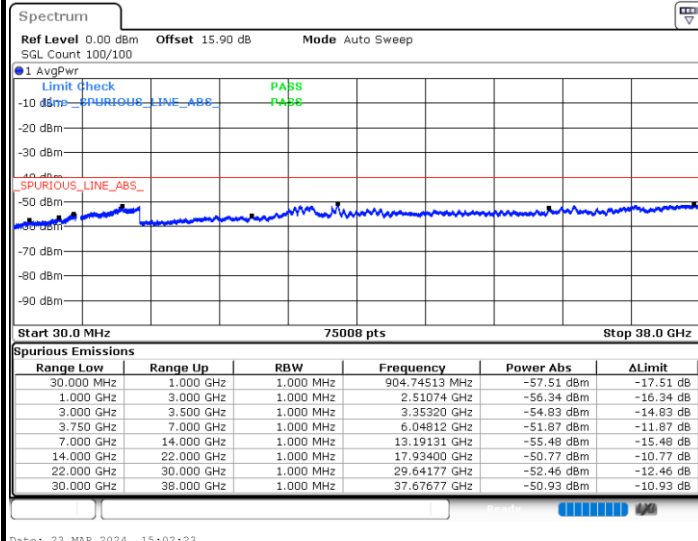


Date: 23.MAR.2024 15:25:37

Date: 23.MAR.2024 15:26:50

Middle Channel / BPSK 1RB42 and 1RB64

Middle Channel / QPSK 1RB42 and 1RB64

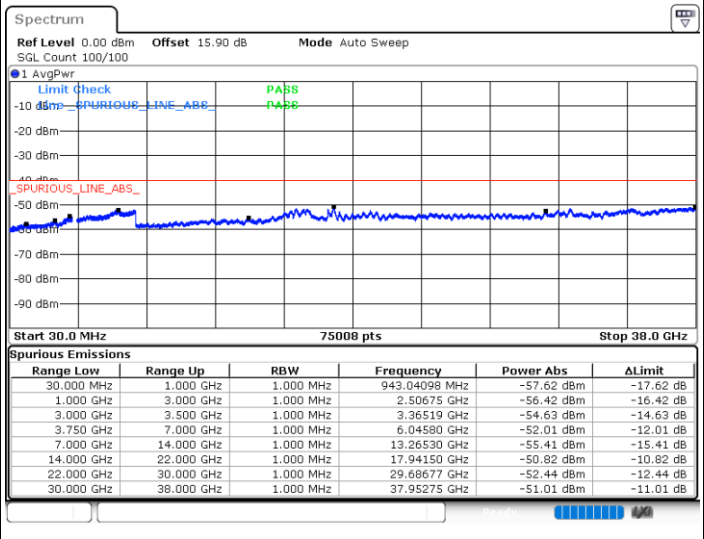
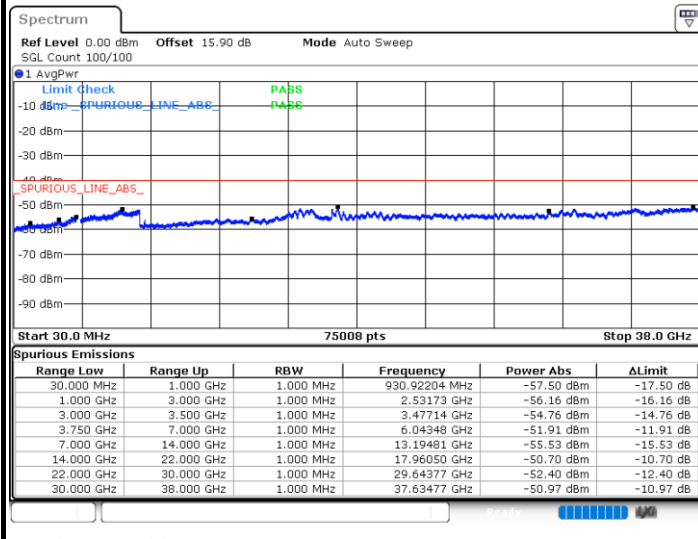


Date: 23.MAR.2024 15:02:23

Date: 23.MAR.2024 15:00:46

Middle Channel / BPSK 100RB6 and 100RB0

Middle Channel / QPSK 100RB6 and 100RB0

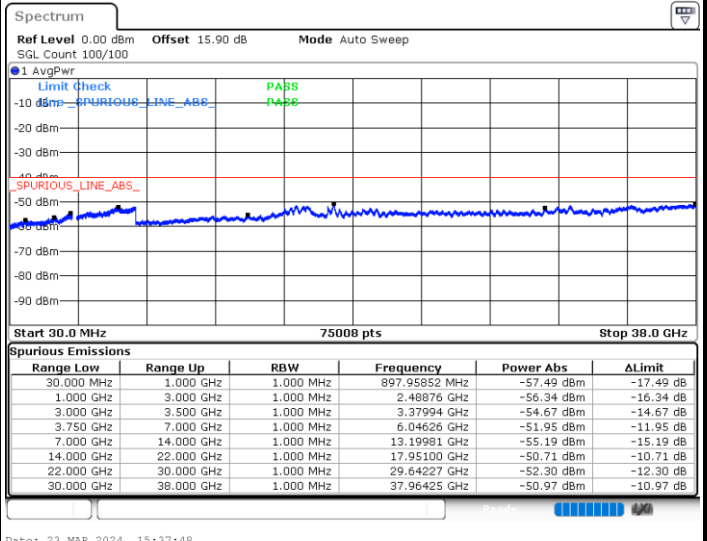
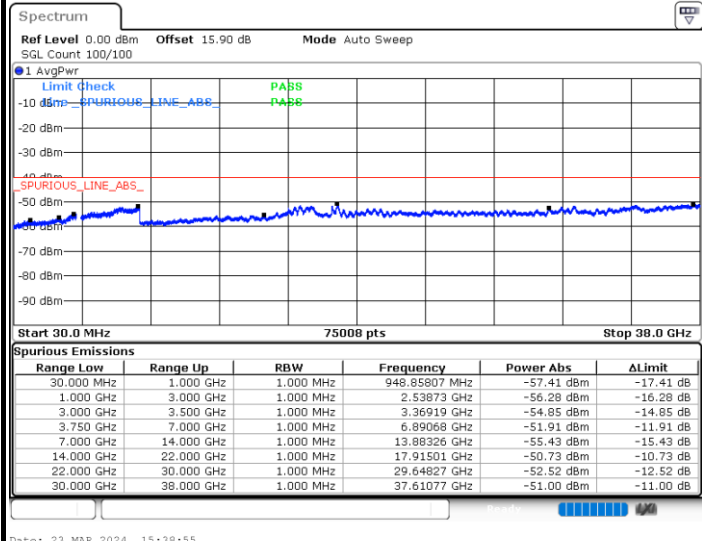


Date: 23.MAR.2024 15:31:30

Date: 23.MAR.2024 15:28:43

Highest Channel / BPSK 1RB0 and 1RB105

Highest Channel / QPSK 1RB0 and 1RB105

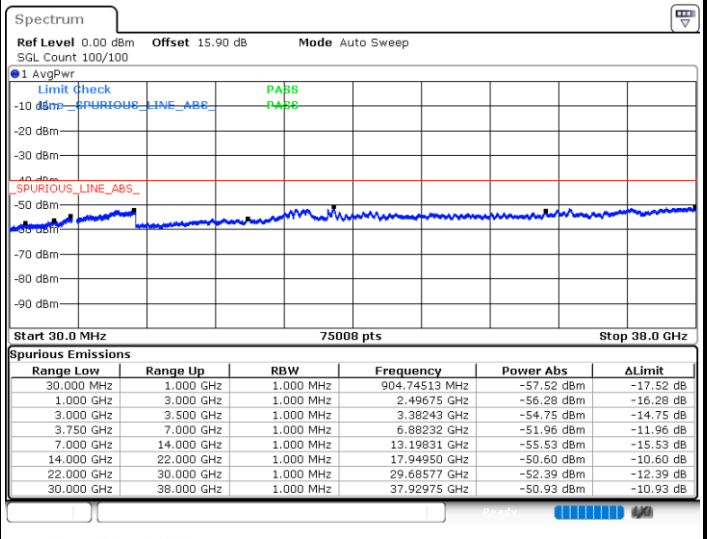
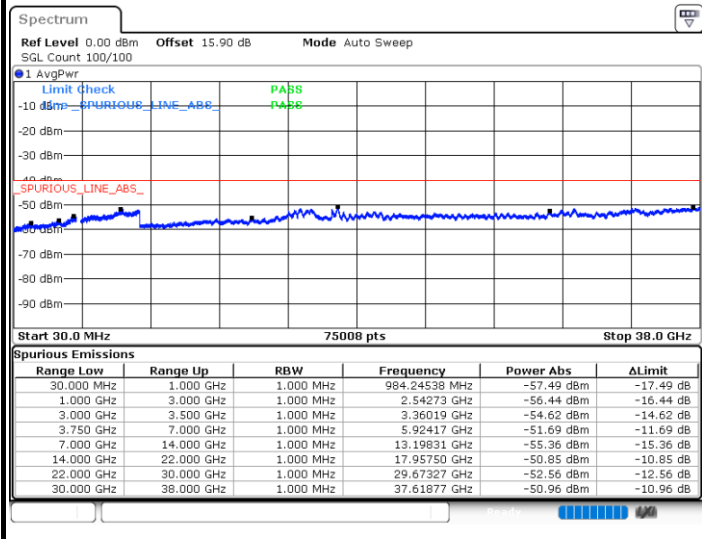


Date: 23.MAR.2024 15:38:55

Date: 23.MAR.2024 15:37:48

Highest Channel / BPSK 1RB42 and 1RB64

Highest Channel / QPSK 1RB42 and 1RB64

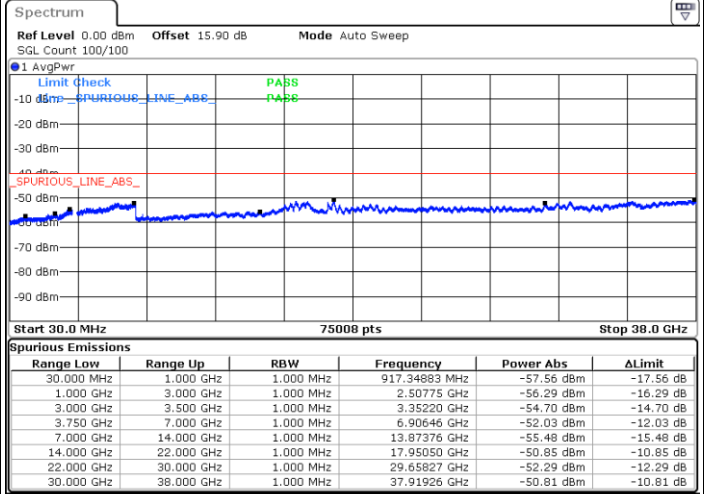
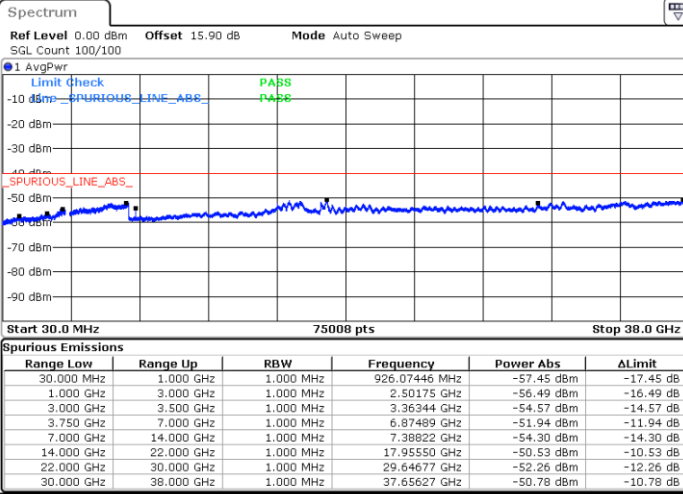


Date: 23.MAR.2024 15:41:03

Date: 23.MAR.2024 15:43:15

Highest Channel / BPSK 100RB6 and 100RB0

Highest Channel / QPSK 100RB6 and 100RB0



Date: 23.MAR.2024 15:33:14

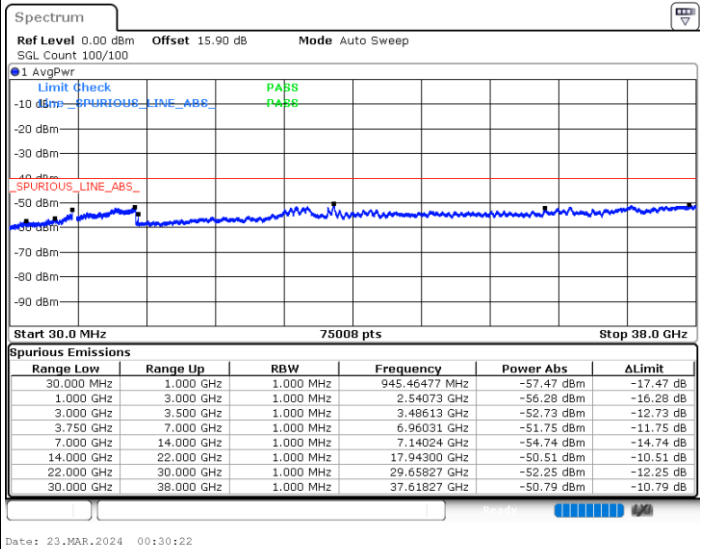
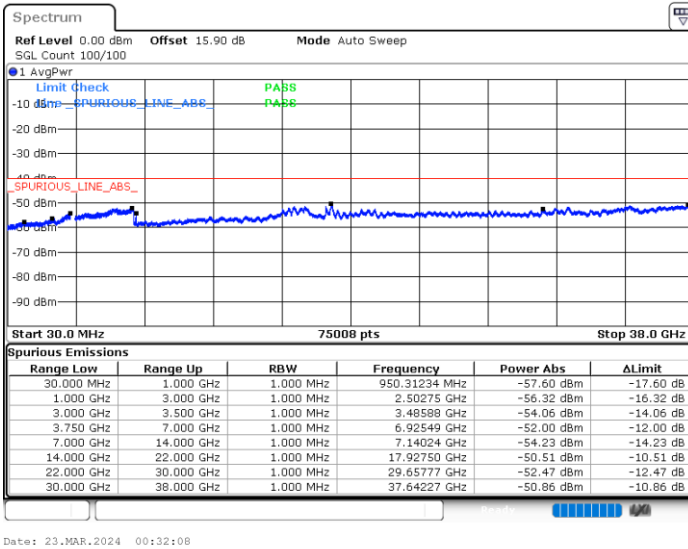
Date: 23.MAR.2024 15:35:15

FCC N48B / 20MHz+20MHz

PCC+SCC AVERAGE POWER

Lowest Channel / BPSK 1RB0 and 1RB105

Lowest Channel / QPSK 1RB0 and 1RB105

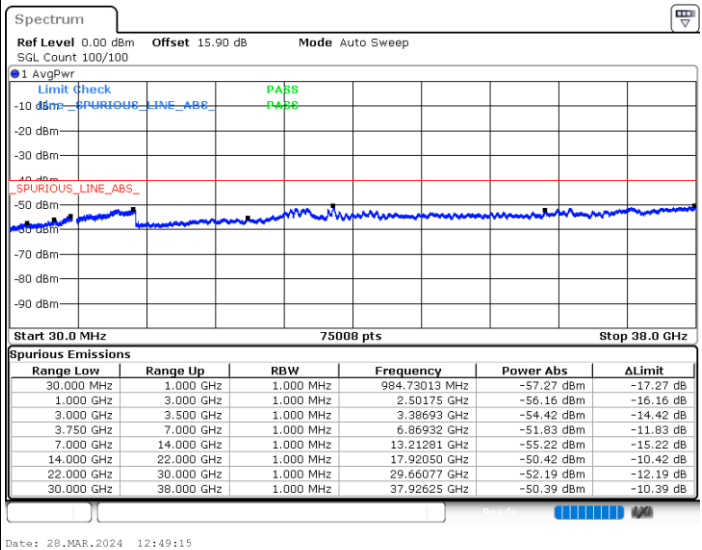
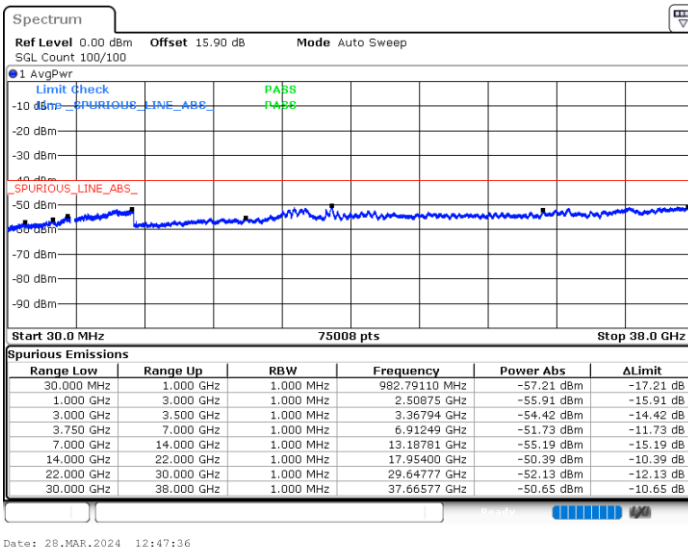


Date: 23.MAR.2024 00:32:08

Date: 23.MAR.2024 00:30:22

Lowest Channel / BPSK 1RB42 and 1RB64

Lowest Channel / QPSK 1RB42 and 1RB64

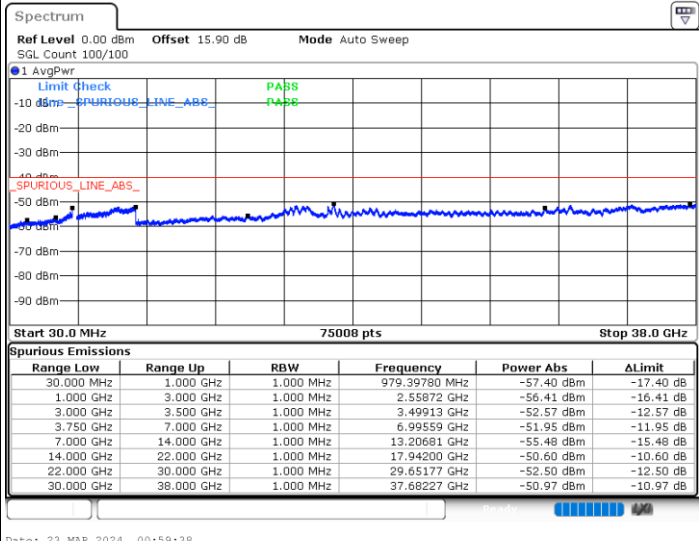
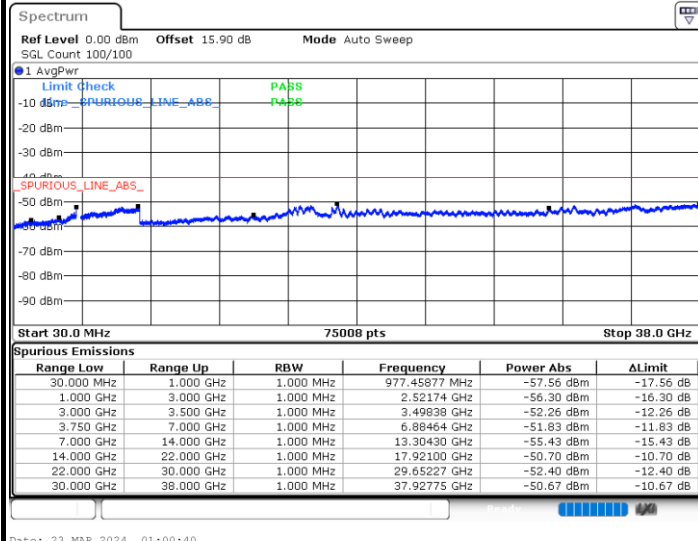


Date: 28.MAR.2024 12:47:36

Date: 28.MAR.2024 12:49:15

Lowest Channel / BPSK 100RB6 and 100RB0

Lowest Channel / QPSK 100RB6 and 100RB0

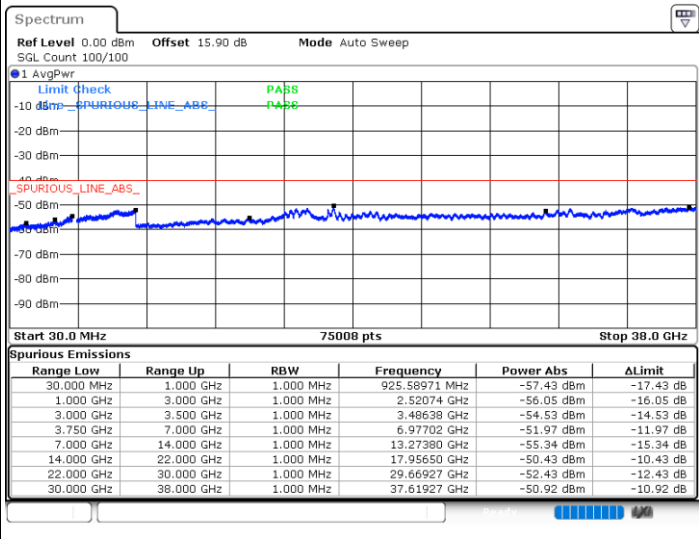
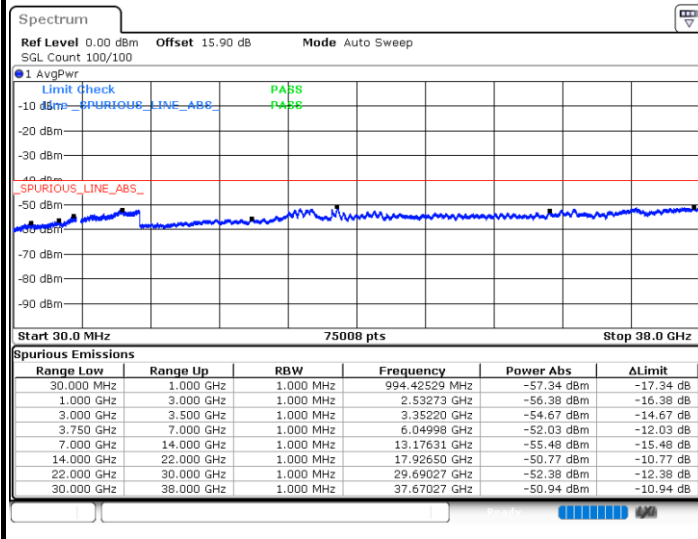


Date: 23.MAR.2024 01:00:40

Date: 23.MAR.2024 00:59:38

Middle Channel / BPSK 1RB0 and 1RB150

Middle Channel / QPSK 1RB0 and 1RB150

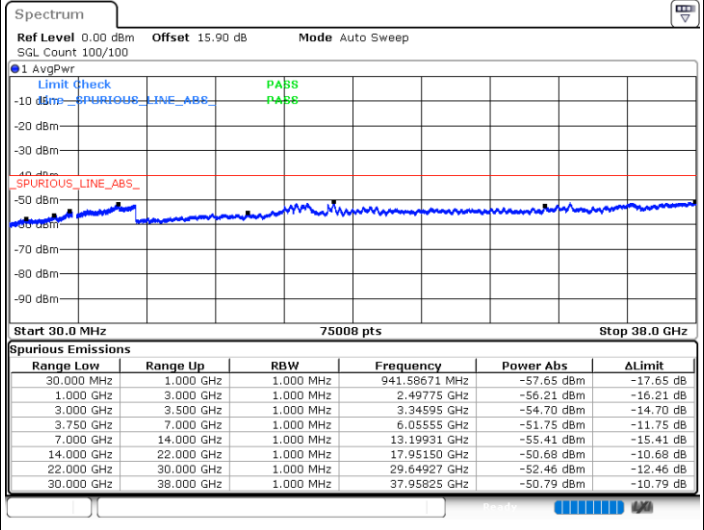
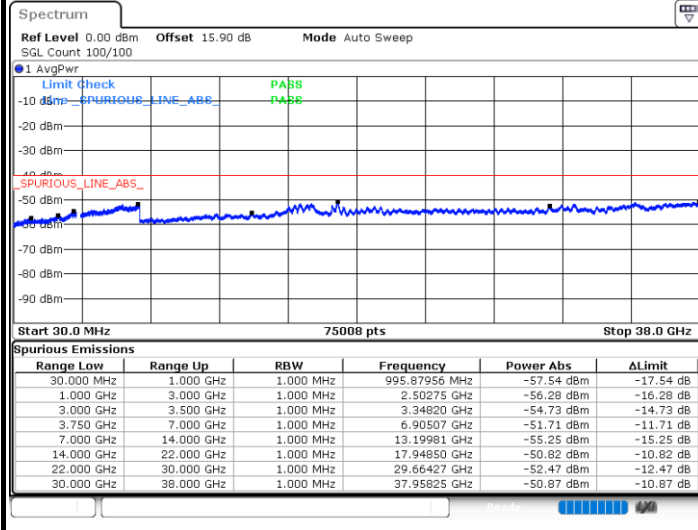


Date: 23.MAR.2024 01:27:02

Date: 23.MAR.2024 01:28:04

Middle Channel / BPSK 1RB42 and 1RB64

Middle Channel / QPSK 1RB42 and 1RB64

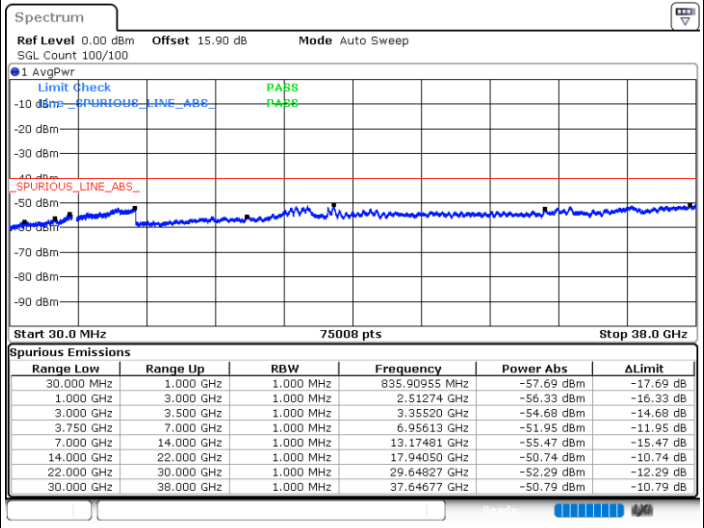
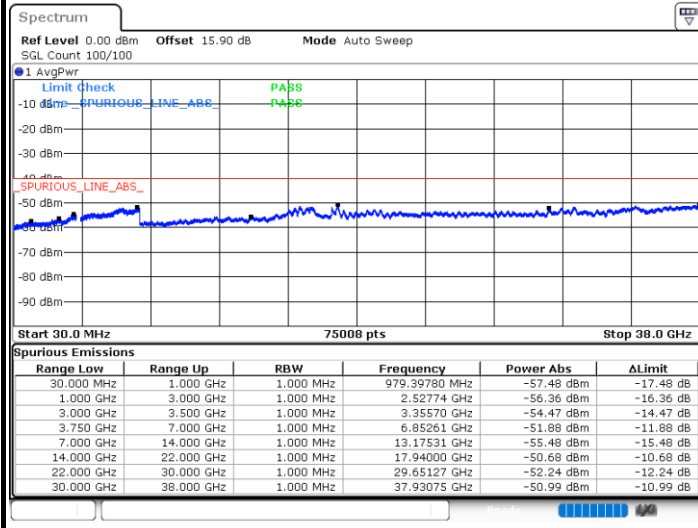


Date: 23.MAR.2024 01:25:41

Date: 23.MAR.2024 01:24:39

Middle Channel / BPSK 100RB6 and 100RB0

Middle Channel / QPSK 100RB6 and 100RB0

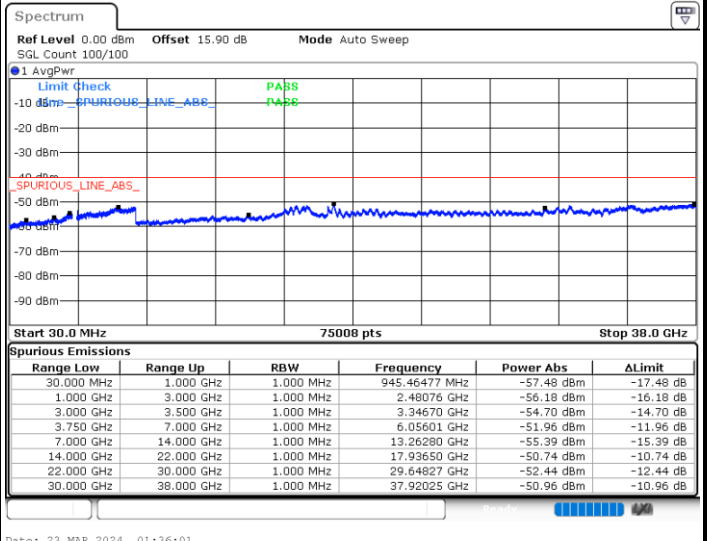
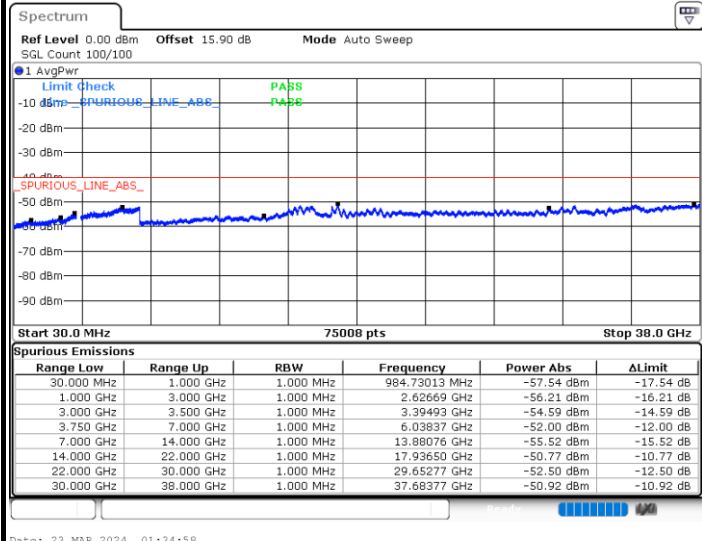


Date: 23.MAR.2024 01:07:14

Date: 23.MAR.2024 01:06:00

Highest Channel / BPSK 1RB0 and 1RB105

Highest Channel / QPSK 1RB0 and 1RB105

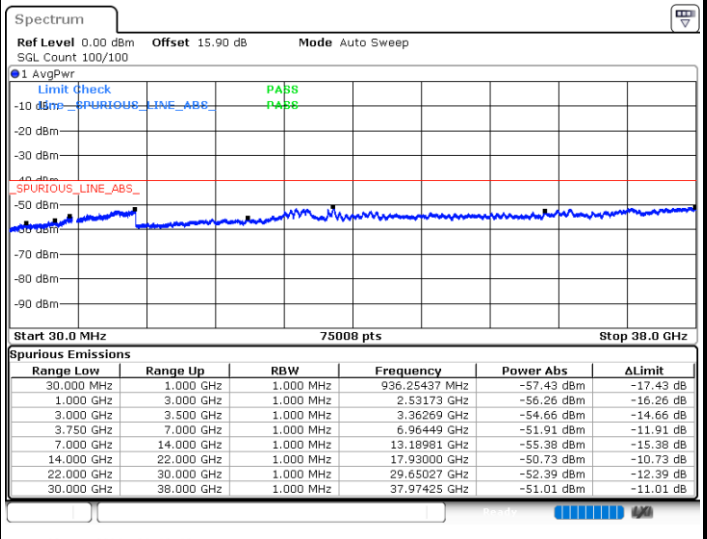
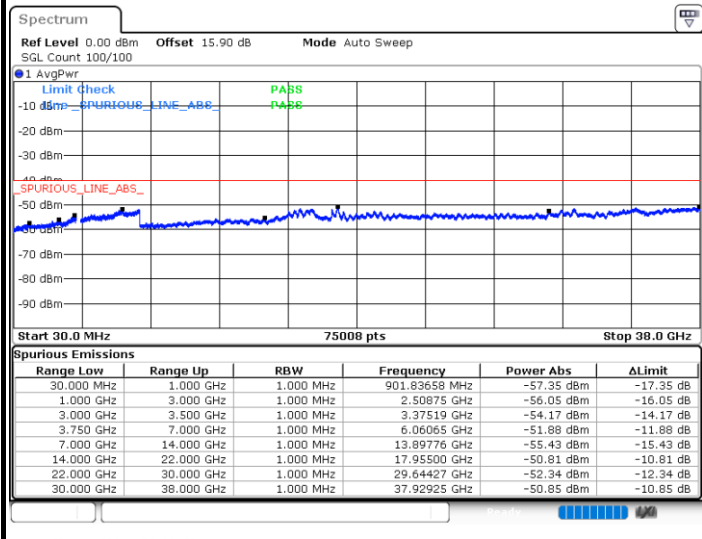


Date: 23.MAR.2024 01:34:58

Date: 23.MAR.2024 01:36:01

Highest Channel / BPSK 1RB42 and 1RB64

Highest Channel / QPSK 1RB42 and 1RB64

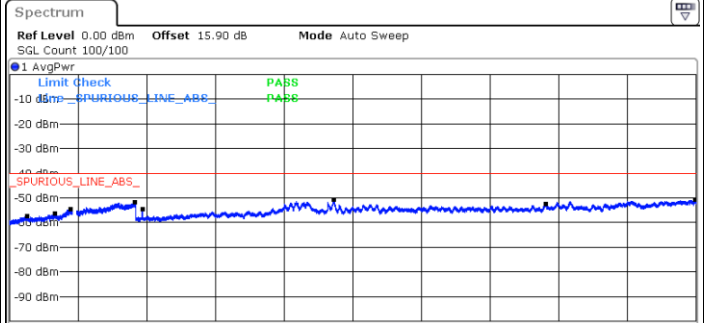
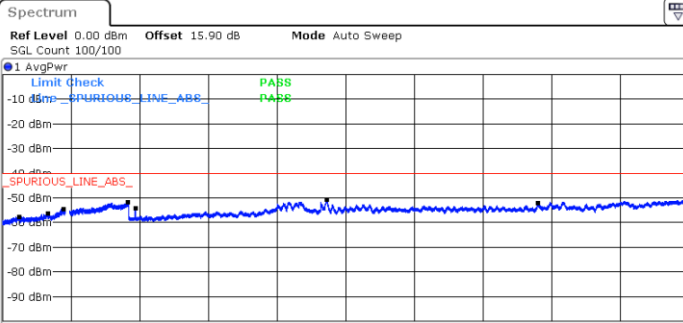


Date: 23.MAR.2024 01:41:08

Date: 23.MAR.2024 01:42:12

Highest Channel / BPSK100RB6 and 100RB0

Highest Channel / QPSK100RB6 and 100RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-57.58 dBm	-17.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50875 GHz	-56.17 dBm	-16.17 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37269 GHz	-54.68 dBm	-14.68 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.93013 GHz	-51.71 dBm	-11.71 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36922 GHz	-54.11 dBm	-14.11 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.95450 GHz	-50.60 dBm	-10.60 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.64927 GHz	-52.05 dBm	-12.05 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.93725 GHz	-50.90 dBm	-10.90 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.57771 MHz	-57.36 dBm	-17.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52574 GHz	-56.48 dBm	-16.48 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.37794 GHz	-54.61 dBm	-14.61 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.94731 GHz	-51.81 dBm	-11.81 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.36922 GHz	-54.61 dBm	-14.61 dB
14.000 GHz	22.000 GHz	1.000 MHz	17.93450 GHz	-50.80 dBm	-10.80 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.66227 GHz	-52.53 dBm	-12.53 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.93275 GHz	-50.82 dBm	-10.82 dB

Date: 23.MAR.2024 01:51:03

Date: 23.MAR.2024 01:50:02



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

SA n48 / 40MHz / QPSK / ANT6								
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	7152	-59.61	-40	-19.61	-71.07	2.84	14.30	H
	10740	-59.60	-40	-19.60	-69.54	3.49	13.43	H
	14304	-56.04	-40	-16.04	-66.28	3.85	14.09	H
	7152	-58.57	-40	-18.57	-70.03	2.84	14.30	V
	10740	-59.83	-40	-19.83	-69.77	3.49	13.43	V
	14304	-54.13	-40	-14.13	-64.37	3.85	14.09	V

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

SA n48 UL MIMO / 40MHz / QPSK / ANT4+6								
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	7212	-59.59	-40	-19.59	-71.05	2.84	14.30	H
	10824	-49.96	-40	-9.96	-59.90	3.49	13.43	H
	14424	-59.21	-40	-19.21	-69.45	3.85	14.09	H
	7212	-61.86	-40	-21.86	-73.32	2.84	14.30	V
	10824	-55.70	-40	-15.70	-65.64	3.49	13.43	V
	14424	-59.46	-40	-19.46	-69.70	3.85	14.09	V

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



SA n48B / 20MHz+20MHz / QPSK / ANT6									
Channel	Condition	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	PCC + SCC	7209	-60.63	-40	-20.63	-72.09	2.84	14.30	H
		10817	-56.55	-40	-16.55	-66.49	3.49	13.43	H
		14425	-59.41	-40	-19.41	-69.65	3.85	14.09	H
		7253	-63.08	-40	-23.08	-74.54	2.84	14.30	H
		10883	-59.69	-40	-19.69	-69.63	3.49	13.43	H
		14502	-59.01	-40	-19.01	-69.25	3.85	14.09	H
	PCC + SCC	7209	-60.63	-40	-20.63	-72.09	2.84	14.30	V
		10817	-56.55	-40	-16.55	-66.49	3.49	13.43	V
		14425	-59.41	-40	-19.41	-69.65	3.85	14.09	V
		7253	-63.00	-40	-23.00	-74.46	2.84	14.30	V
		10883	-59.88	-40	-19.88	-69.82	3.49	13.43	V
		14502	-58.47	-40	-18.47	-68.71	3.85	14.09	V

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