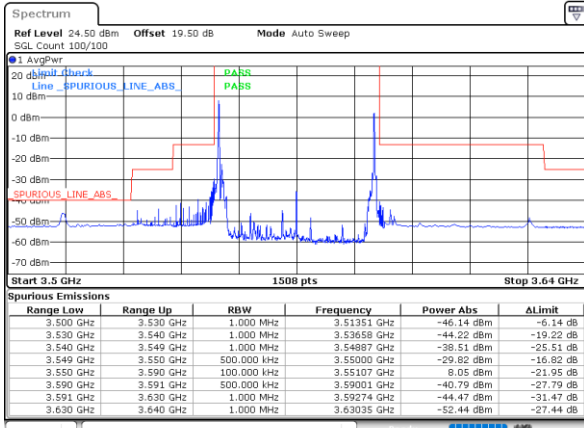




LTE Band 48C / 20MHz+20MHz

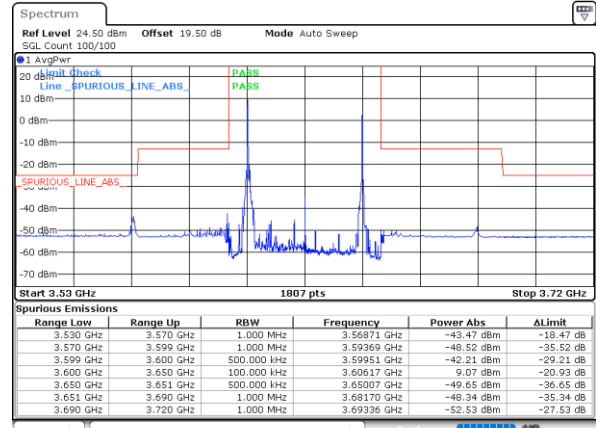
64QAM

Lowest Band Edge / 1RB0 and 1RB99



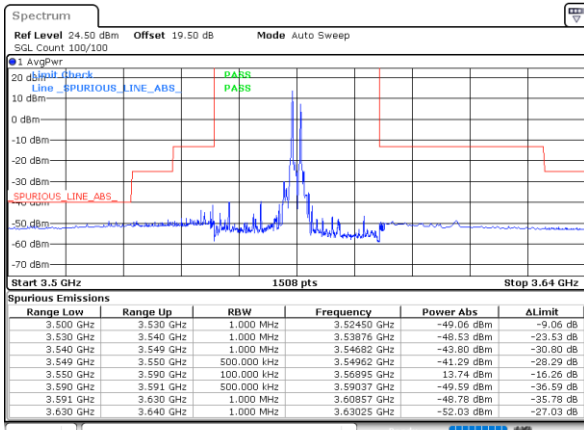
Date: 8,JUL,2024 11:08:08

Middle Band Edge / 1RB0 and 1RB99



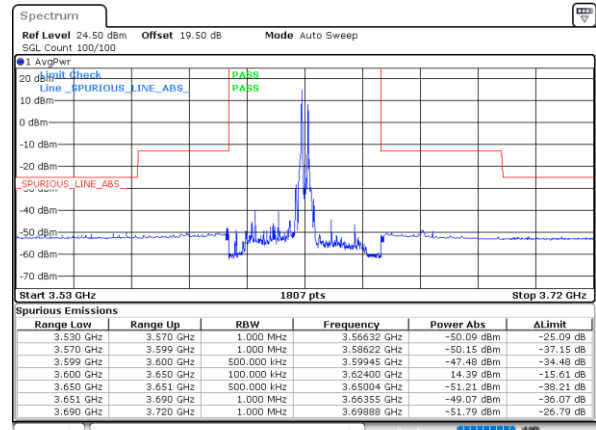
Date: 8,JUL,2024 13:16:03

Lowest Band Edge / 1RB99 and 1RB0



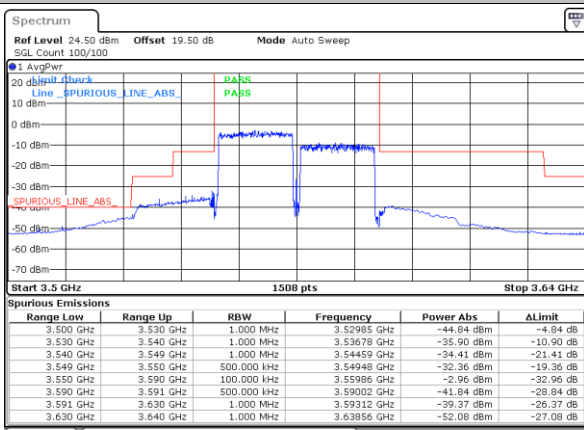
Date: 8,JUL,2024 11:06:43

Middle Band Edge / 1RB99 and 1RB0



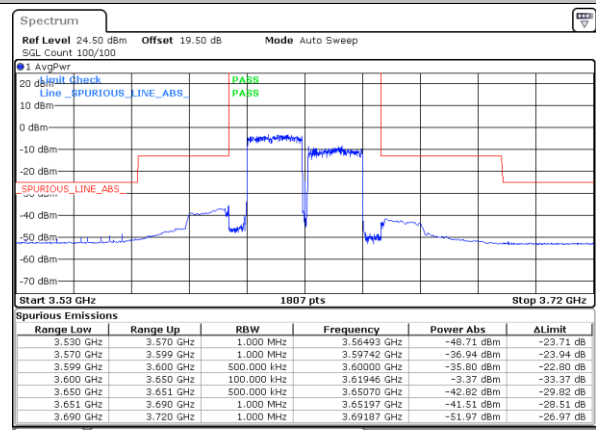
Date: 8,JUL,2024 13:14:38

Lowest Band Edge / Full RB



Date: 8,JUL,2024 11:15:14

Middle Band Edge / Full RB



Date: 8,JUL,2024 13:23:08

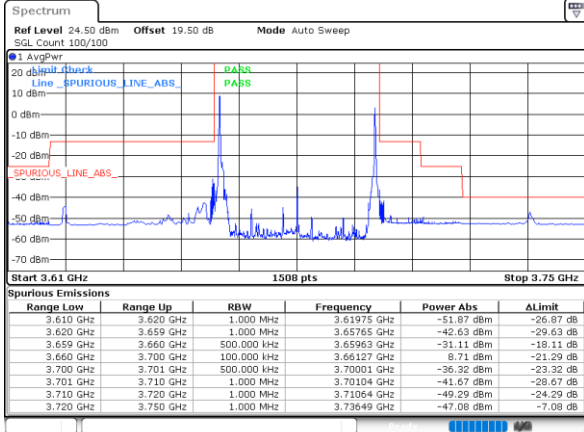


LTE Band 48C / 20MHz+20MHz

64QAM

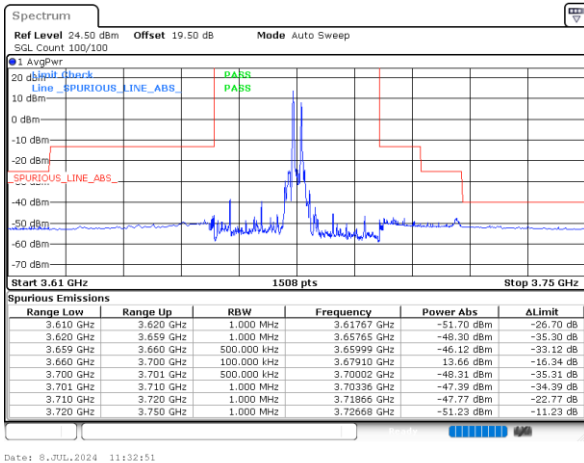
Highest Band Edge / 1RB0 and 1RB99

N/A



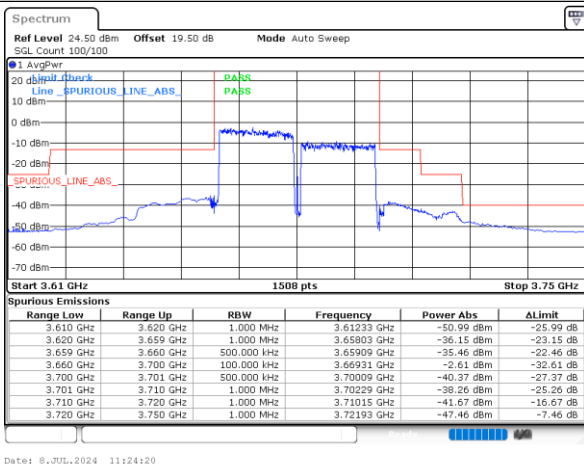
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A



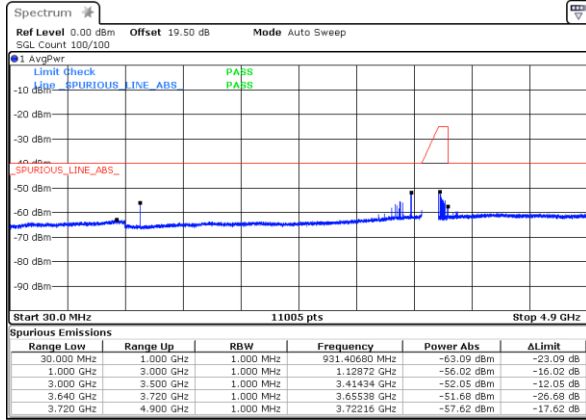


Conducted Spurious Emission

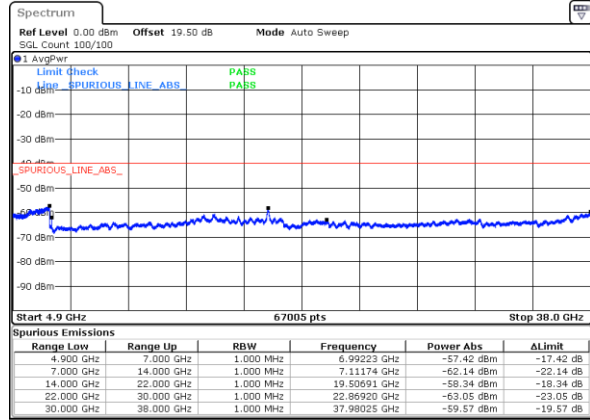
LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0



Date: 12 JUL 2024 14:53:34

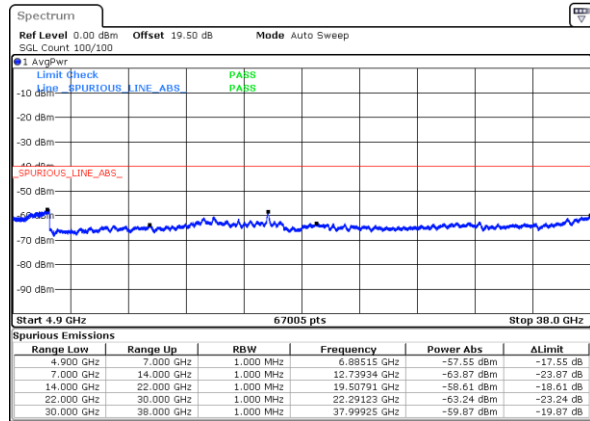


Date: 12 JUL 2024 14:57:02

Middle Channel / 1RB24 and 1RB0

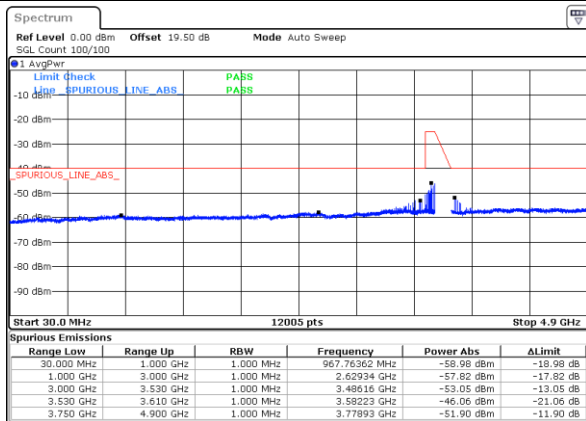


Date: 12 JUL 2024 15:00:50

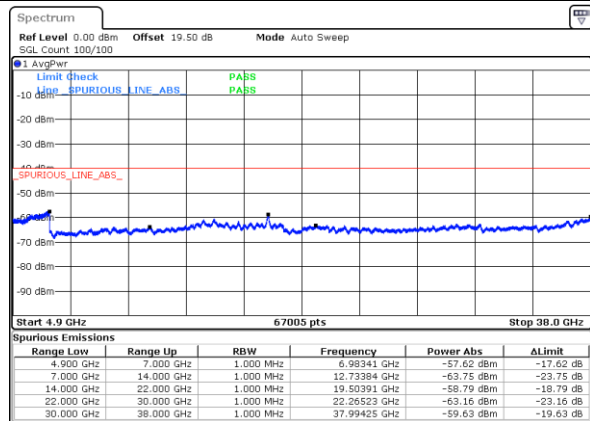


Date: 12 JUL 2024 14:59:03

Highest Channel / 1RB24 and 1RB0



Date: 5 JUL 2024 22:34:01



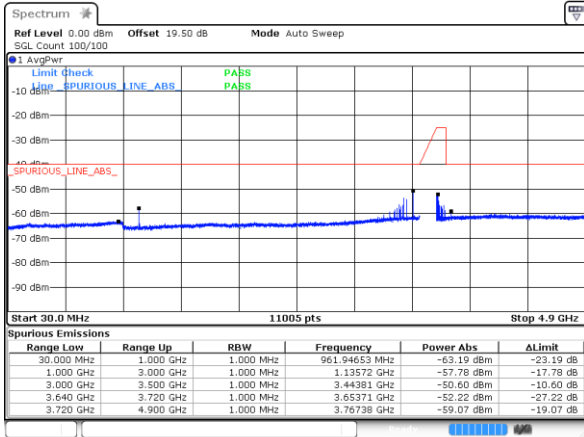
Date: 12 JUL 2024 15:02:35



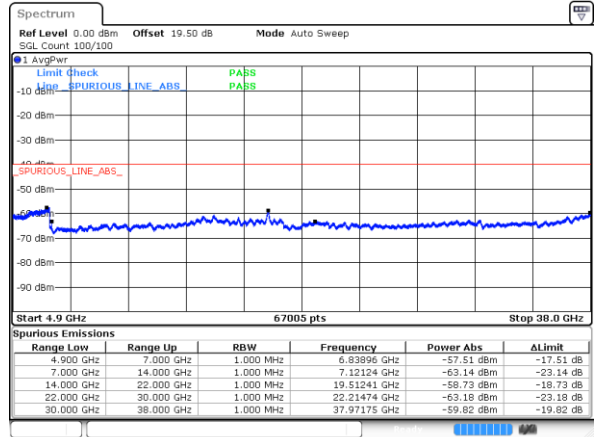
LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

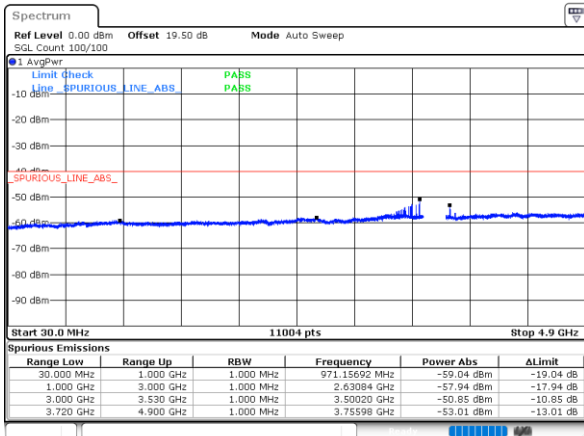


Date: 12 JUL 2024 15:05:26

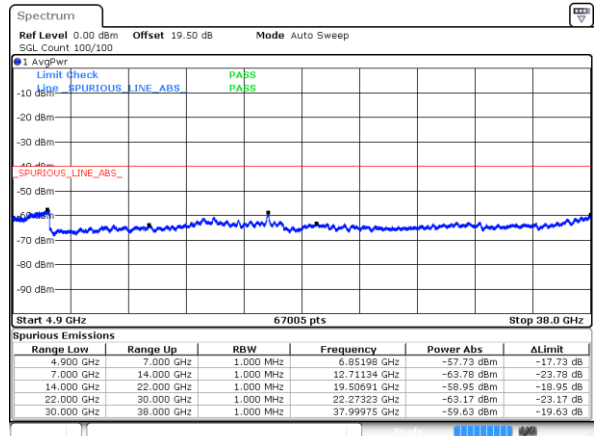


Date: 12 JUL 2024 15:07:48

Middle Channel / 1RB49 and 1RB0

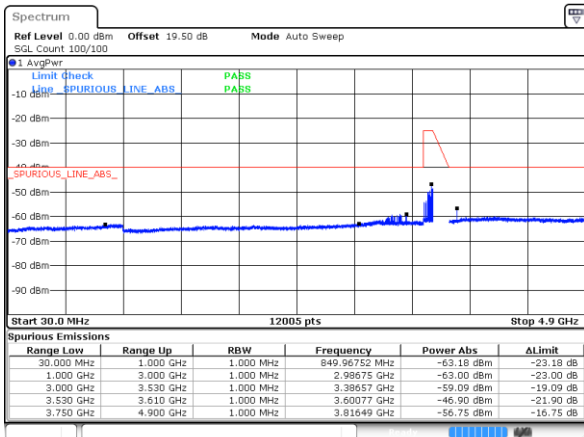


Date: 5 JUL 2024 23:45:57

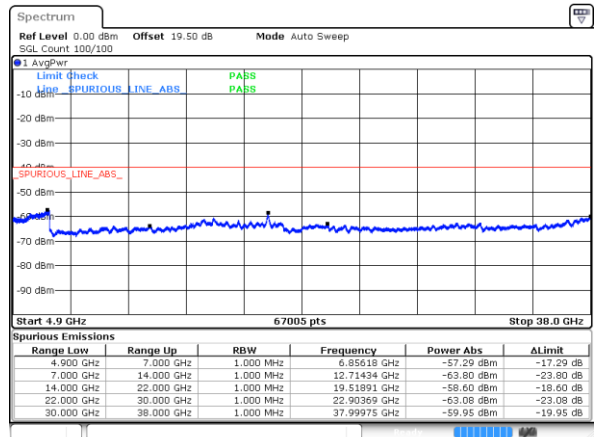


Date: 12 JUL 2024 15:09:26

Highest Channel / 1RB49 and 1RB0



Date: 12 JUL 2024 15:12:06



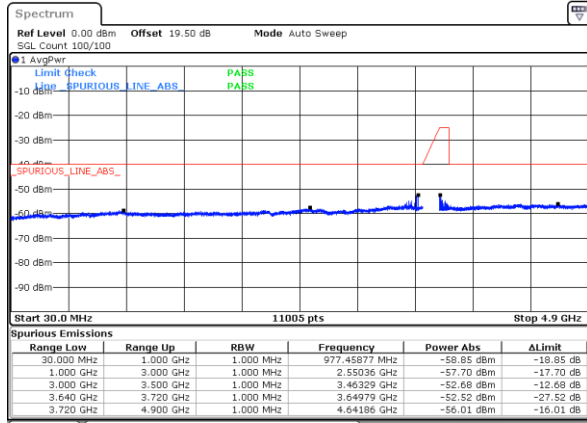
Date: 12 JUL 2024 15:11:26



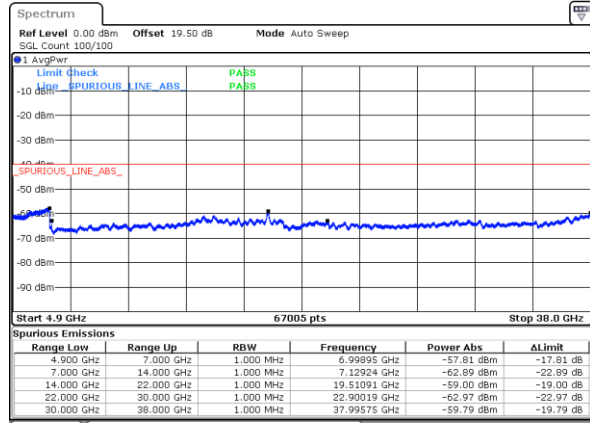
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

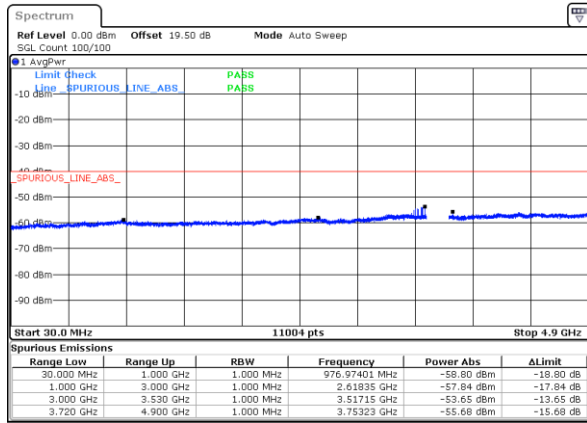


Date: 8_JUL_2024 09:04:51

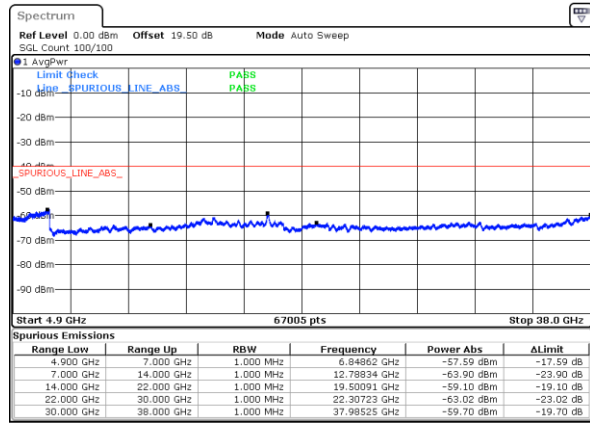


Date: 12_JUL_2024 15:14:36

Middle Channel / 1RB74 and 1RB0

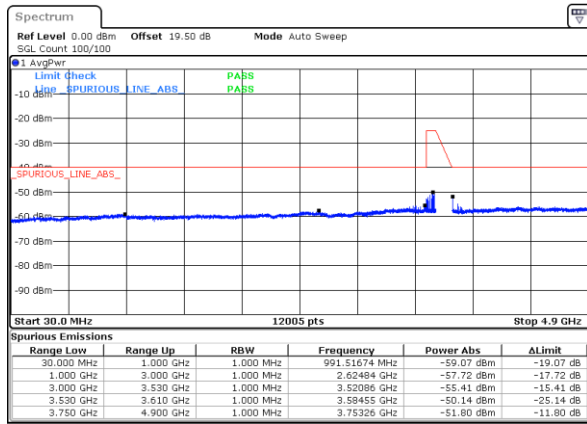


Date: 8_JUL_2024 09:54:54

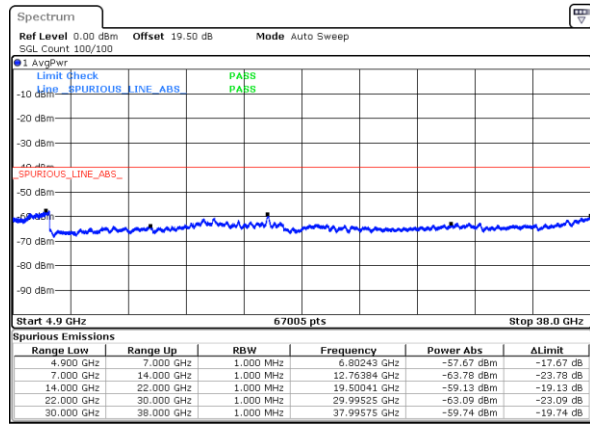


Date: 12_JUL_2024 15:15:59

Highest Channel / 1RB74 and 1RB0



Date: 8_JUL_2024 09:41:54



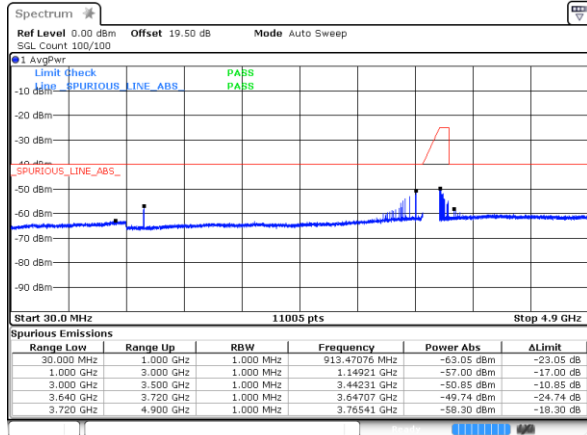
Date: 12_JUL_2024 15:17:55



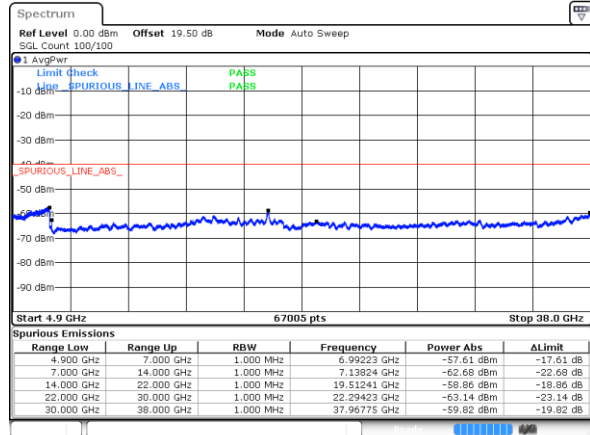
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

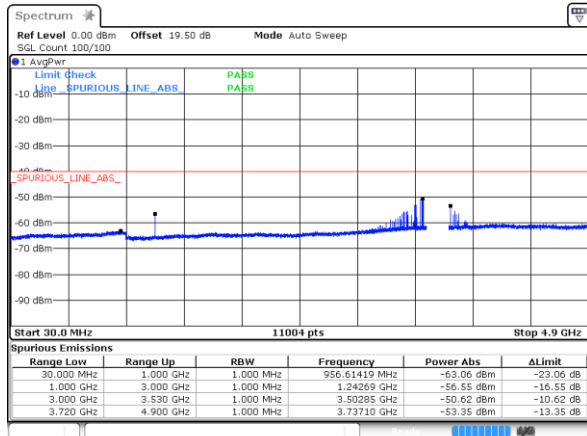


Date: 12 JUL 2024 16:01:52

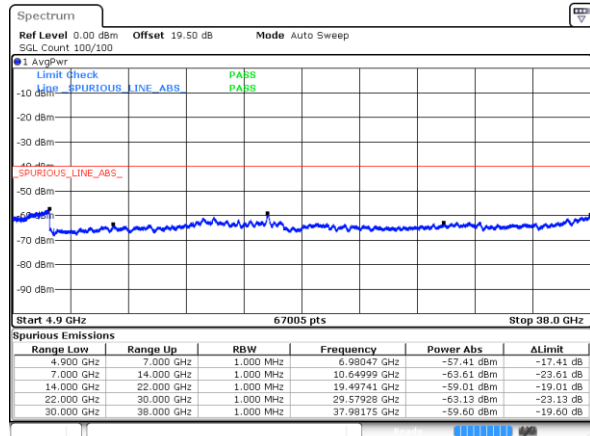


Date: 12 JUL 2024 16:03:48

Middle Channel / 1RB99 and 1RB0

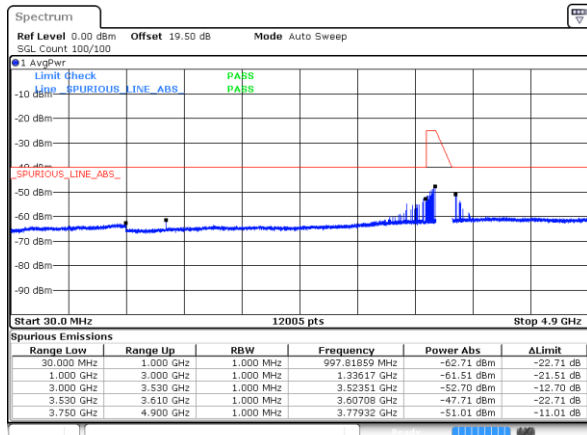


Date: 12 JUL 2024 16:06:20

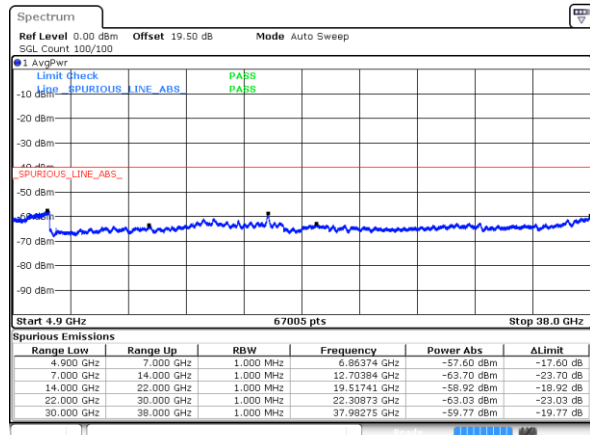


Date: 12 JUL 2024 16:05:26

Highest Channel / 1RB99 and 1RB0



Date: 12 JUL 2024 16:07:09



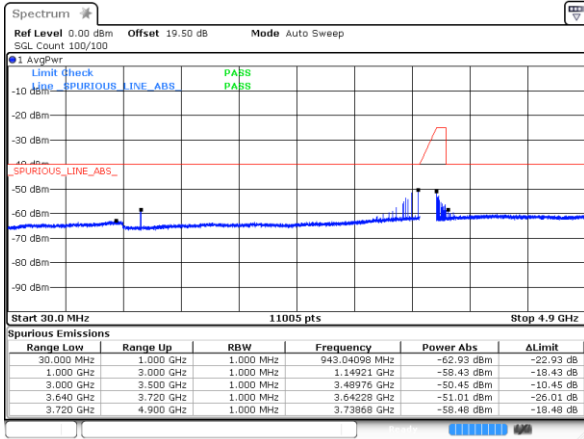
Date: 12 JUL 2024 16:08:35



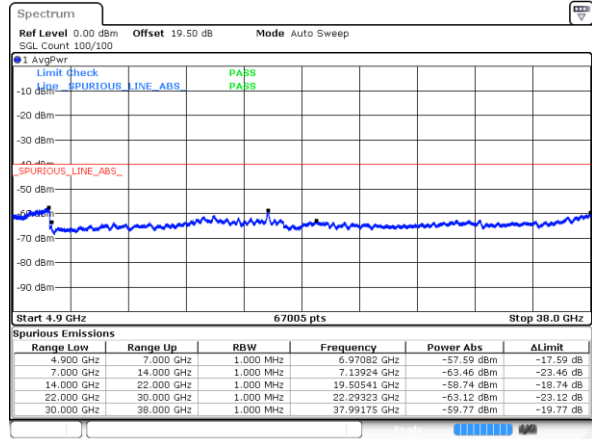
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

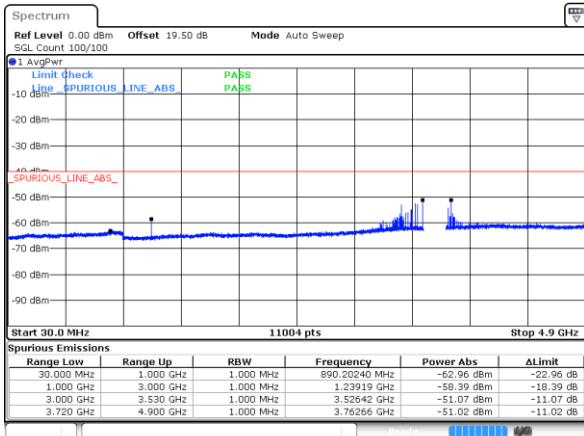


Date: 12 JUL 2024 15:55:50

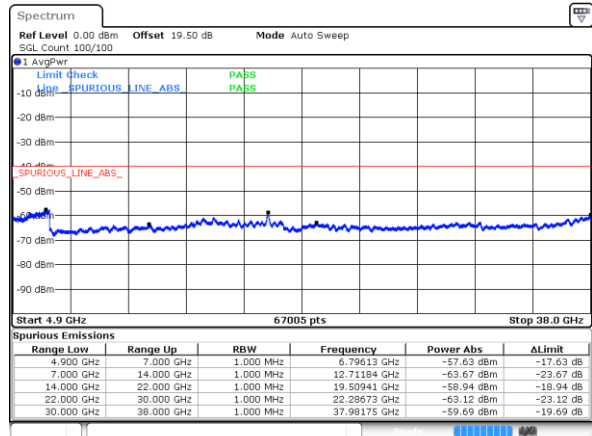


Date: 12 JUL 2024 15:57:45

Middle Channel / 1RB99 and 1RB0

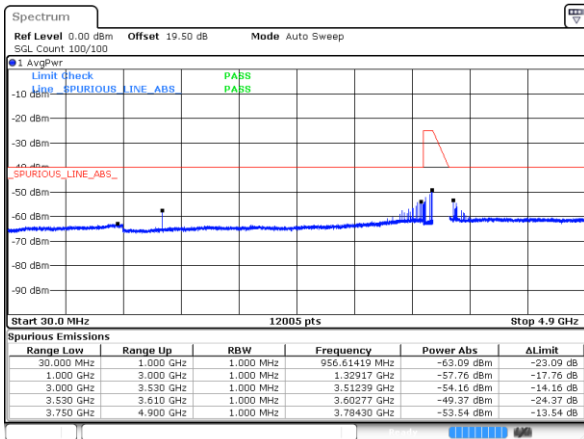


Date: 12 JUL 2024 15:52:10

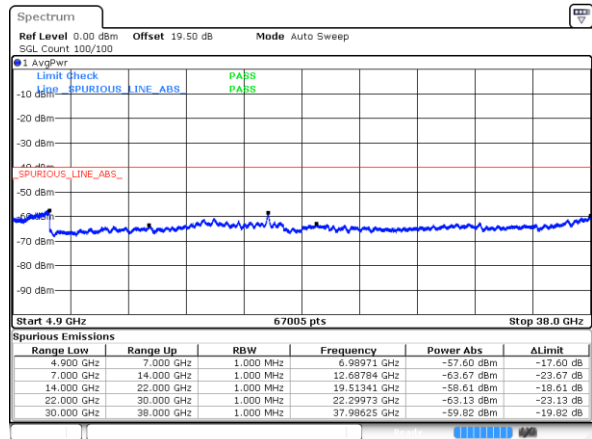


Date: 12 JUL 2024 15:51:00

Highest Channel / 1RB99 and 1RB0



Date: 12 JUL 2024 15:47:35



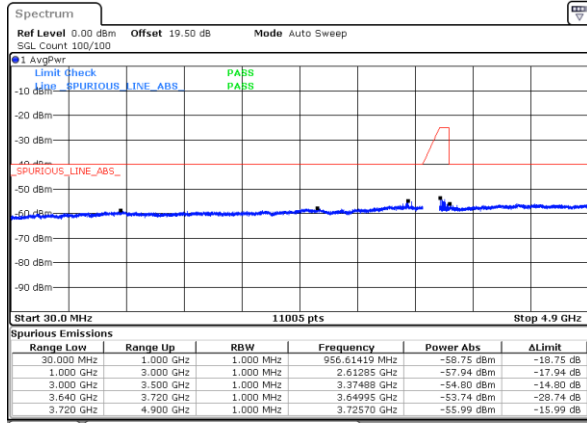
Date: 12 JUL 2024 15:49:07



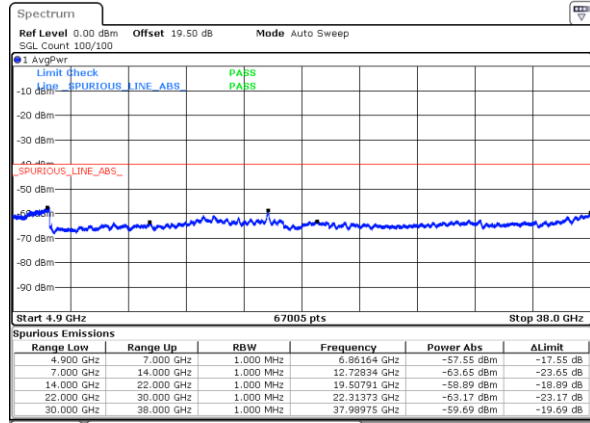
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

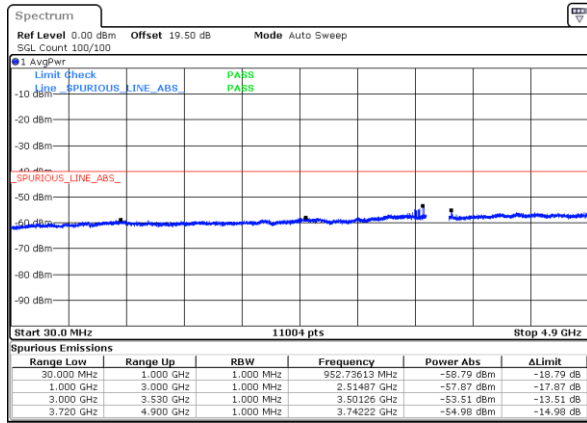


Date: 8_JUL_2024 10:04:12

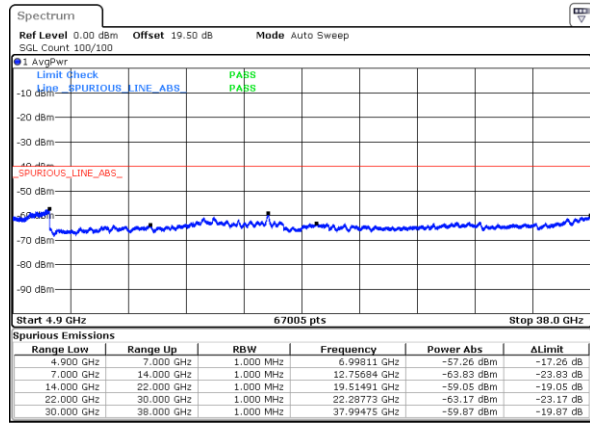


Date: 12_JUL_2024 15:26:57

Middle Channel / 1RB99 and 1RB0

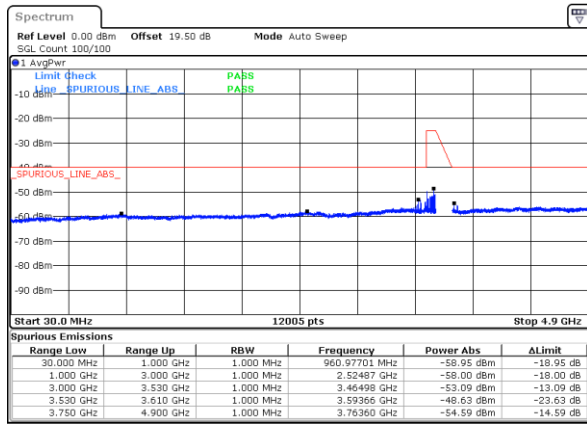


Date: 8_JUL_2024 09:54:15

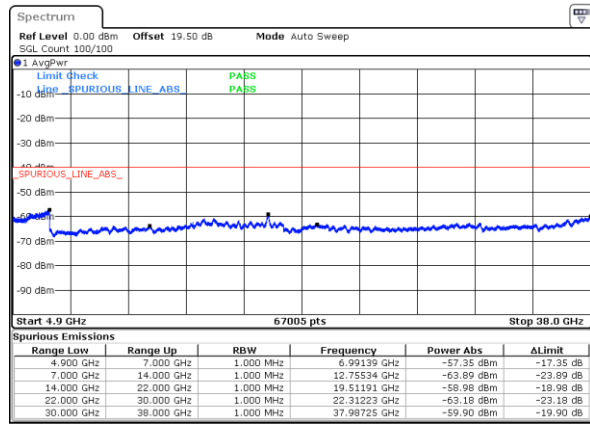


Date: 12_JUL_2024 15:28:30

Highest Channel / 1RB99 and 1RB0



Date: 8_JUL_2024 10:41:21



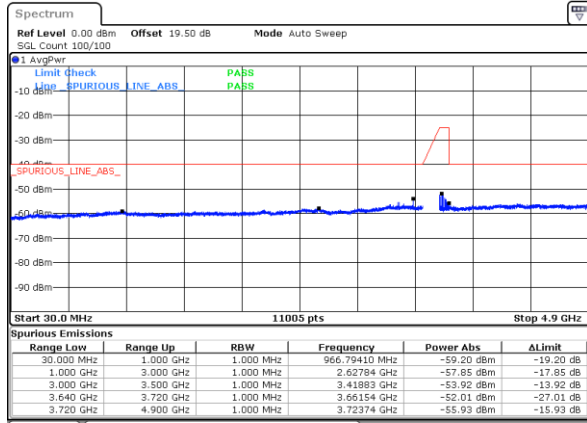
Date: 12_JUL_2024 15:30:59



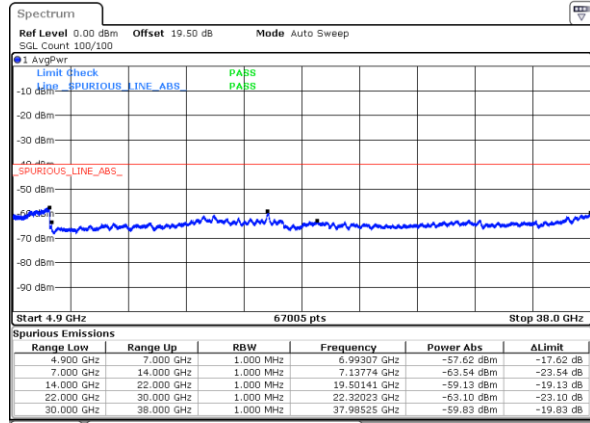
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

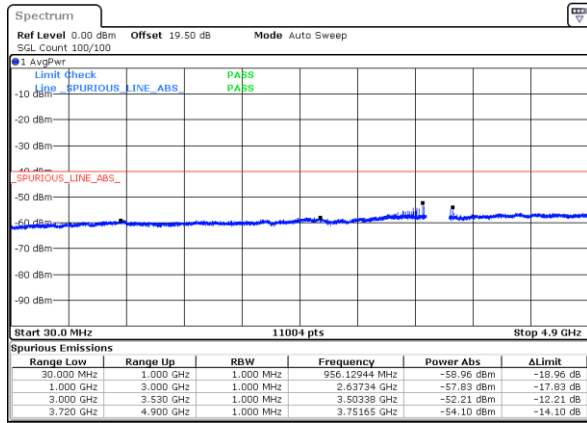


Date: 8_JUL_2024 11:02:28

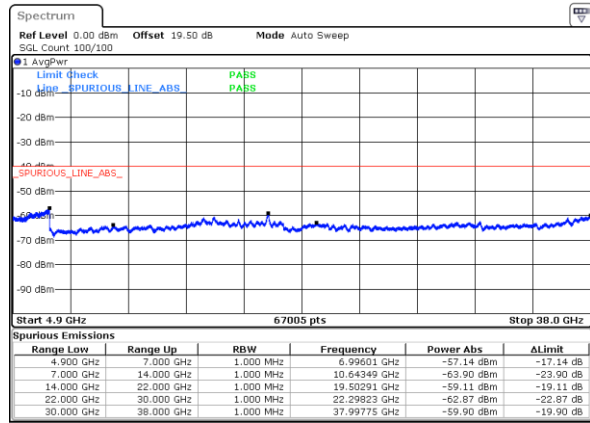


Date: 12_JUL_2024 15:20:57

Middle Channel / 1RB99 and 1RB0

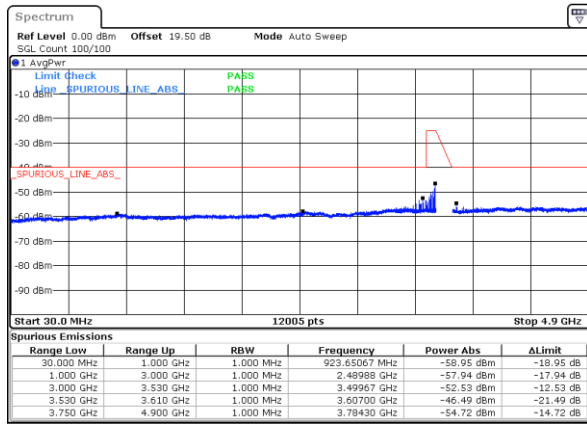


Date: 8_JUL_2024 10:53:23

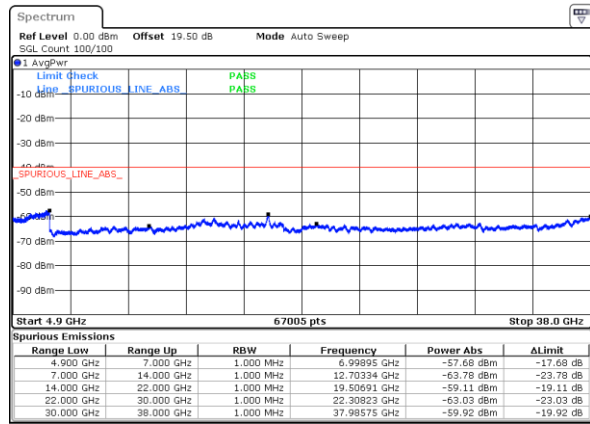


Date: 12_JUL_2024 15:22:21

Highest Channel / 1RB99 and 1RB0



Date: 8_JUL_2024 11:37:10



Date: 12_JUL_2024 15:23:52



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest with PIFA Antenna & Monopole Antenna, only the worst results are shown in the report.

LTE Band 48 / 20MHz / QPSK / Monopole ANT									
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	7102.00	-59.77	-40	-19.77	-65.28	-63.10	8.25	11.58	H
	10653.00	-56.00	-40	-16.00	-67.75	-57.55	10.45	12.00	H
	14204.00	-51.16	-40	-11.16	-67.20	-52.87	11.74	13.45	H
	7102.00	-58.98	-40	-18.98	-64.9	-62.31	8.25	11.58	V
	10653.00	-56.21	-40	-16.21	-67.5	-57.76	10.45	12.00	V
	14204.00	-52.04	-40	-12.04	-67.63	-53.75	11.74	13.45	V
Middle	7232.00	-59.44	-40	-19.44	-65.38	-62.74	8.30	11.60	H
	10848.00	-55.09	-40	-15.09	-67.37	-56.61	10.48	12.00	H
	14464.00	-49.36	-40	-9.36	-67.10	-51.06	11.80	13.50	H
	7232.00	-59.12	-40	-19.12	-65.37	-62.42	8.30	11.60	V
	10848.00	-55.38	-40	-15.38	-67.29	-56.90	10.48	12.00	V
	14464.00	-50.13	-40	-10.13	-67.29	-51.83	11.80	13.50	V
Highest	7362.00	-59.73	-40	-19.73	-65.96	-63.03	8.32	11.62	H
	11043.00	-54.65	-40	-14.65	-67.49	-56.33	10.52	12.20	H
	14724.00	-50.60	-40	-10.60	-68.46	-52.30	11.85	13.55	H
	7362.00	-59.00	-40	-19.00	-65.32	-62.30	8.32	11.62	V
	11043.00	-54.66	-40	-14.66	-67.21	-56.34	10.52	12.20	V
	14724.00	-50.94	-40	-10.94	-68.24	-52.64	11.85	13.55	V

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



LTE CA_48C / 20MHz+20MHz / QPSK / Monopole ANT									
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	7139.80	-59.47	-40	-19.47	-52.74	-62.80	8.25	11.58	H
	10709.70	-55.72	-40	-15.72	-55.56	-57.27	10.45	12.00	H
	14279.60	-51.00	-40	-11.00	-56.17	-52.71	11.74	13.45	H
	7139.80	-59.13	-40	-19.13	-52.8	-62.46	8.25	11.58	V
	10709.70	-56.23	-40	-16.23	-55.64	-57.78	10.45	12.00	V
	14279.60	-51.47	-40	-11.47	-56.16	-53.18	11.74	13.45	V
Middle	7250.00	-60.14	-40	-20.14	-53.87	-63.44	8.30	11.60	H
	10875.00	-55.27	-40	-15.27	-55.61	-56.79	10.48	12.00	H
	14500.00	-49.80	-40	-9.80	-56.27	-51.50	11.80	13.50	H
	7250.00	-59.45	-40	-19.45	-53.46	-62.75	8.30	11.60	V
	10875.00	-55.74	-40	-15.74	-55.73	-57.26	10.48	12.00	V
	14500.00	-50.36	-40	-10.36	-56.23	-52.06	11.80	13.50	V
Highest	7360.20	-59.33	-40	-19.33	-53.42	-62.63	8.32	11.62	H
	11040.30	-55.03	-40	-15.03	-55.91	-56.71	10.52	12.20	H
	14720.40	-50.61	-40	-10.61	-56.57	-52.31	11.85	13.55	H
	7360.20	-58.84	-40	-18.84	-53.02	-62.14	8.32	11.62	V
	11040.30	-55.44	-40	-15.44	-56.03	-57.12	10.52	12.20	V
	14720.40	-51.23	-40	-11.23	-56.63	-52.93	11.85	13.55	V

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