

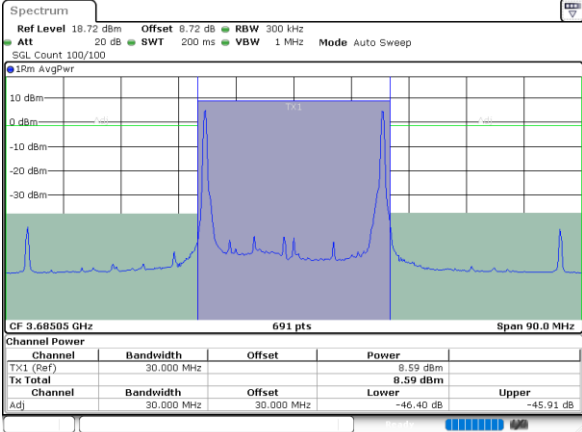


LTE Band 48C / 10MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

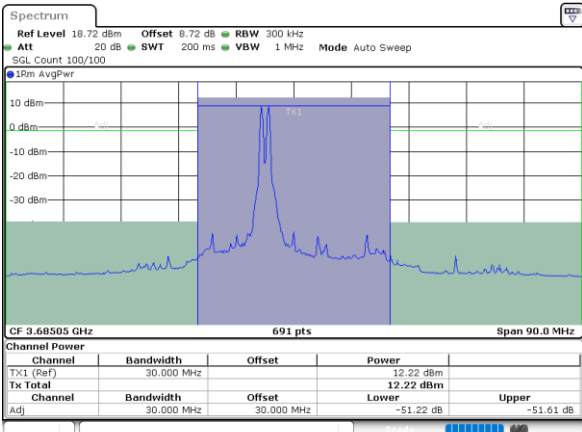
N/A



Date: 22, MAR, 2024 04:03:23

Highest Band Edge / 1RB49 and 1RB0

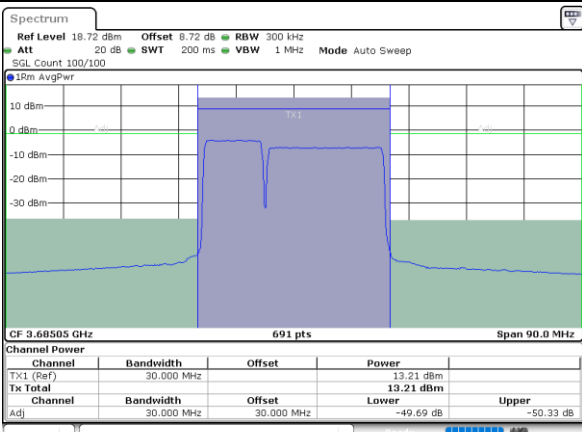
N/A



Date: 22, MAR, 2024 04:06:38

Highest Band Edge / Full RB

N/A



Date: 22, MAR, 2024 04:00:08

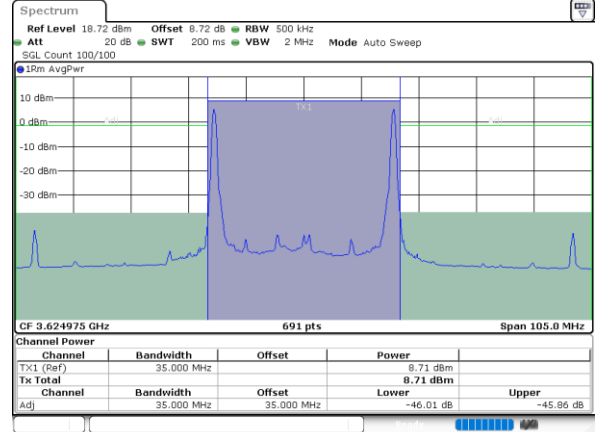
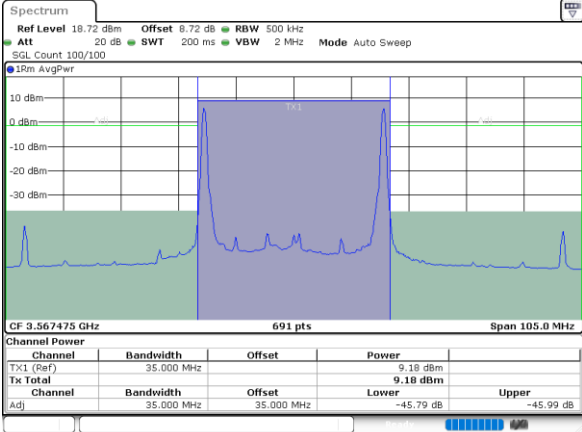


LTE Band 48C / 15MHz+20MHz

256QAM

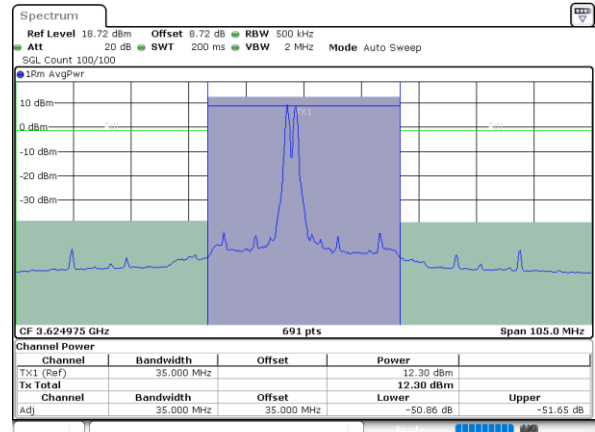
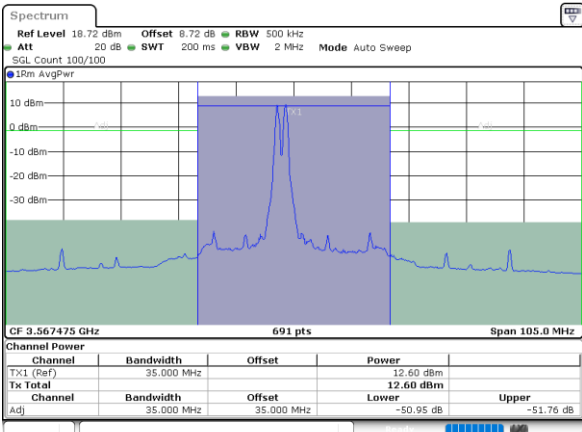
Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99



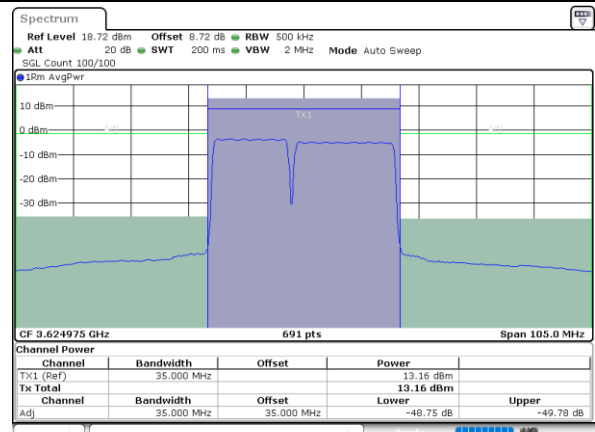
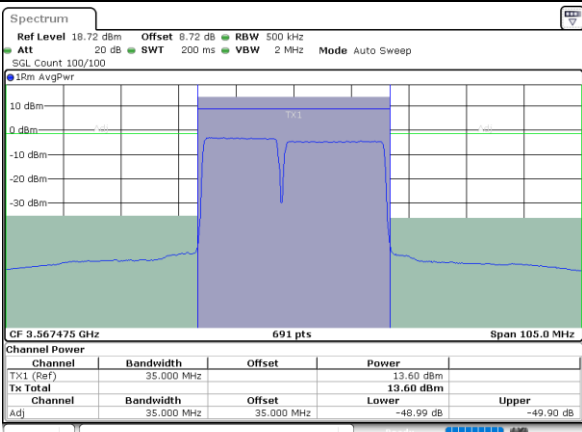
Lowest Band Edge / 1RB74 and 1RB0

Middle Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB



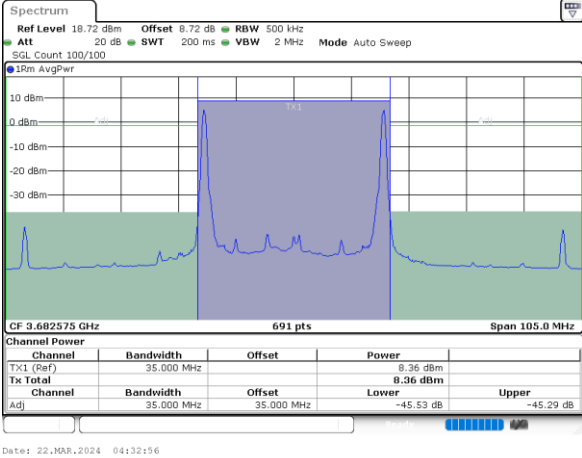


LTE Band 48C / 15MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

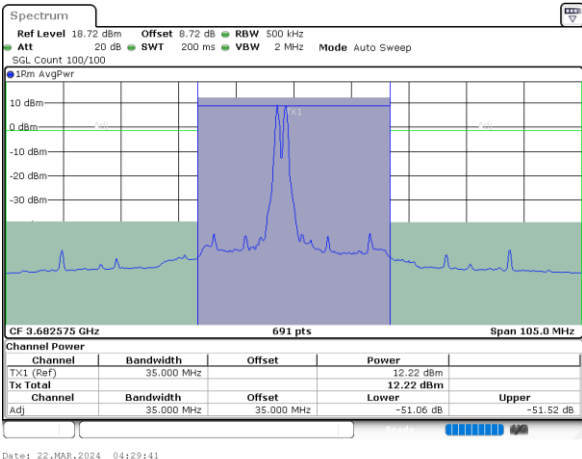
N/A



Date: 22_MAR_2024 04:32:56

Highest Band Edge / 1RB74 and 1RB0

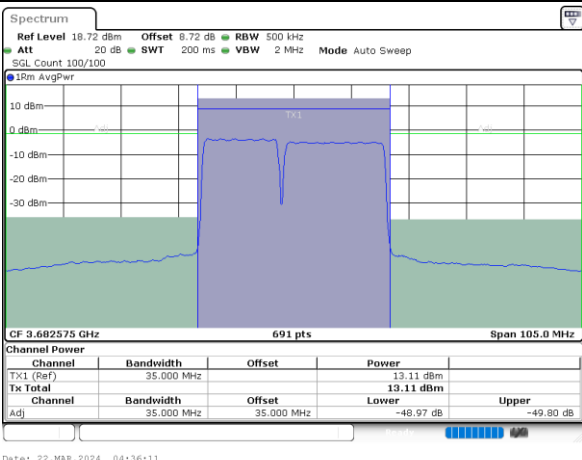
N/A



Date: 22_MAR_2024 04:29:41

Highest Band Edge / Full RB

N/A



Date: 22_MAR_2024 04:36:11

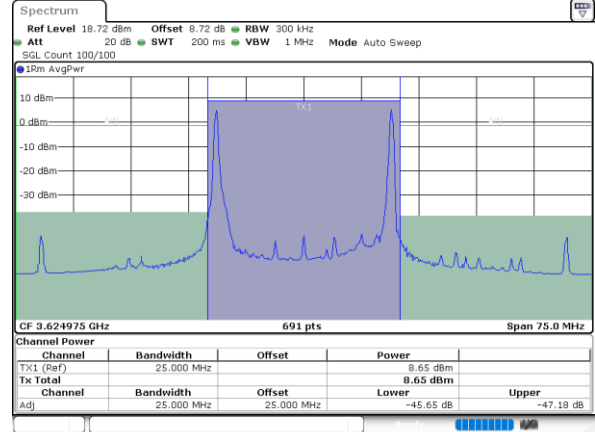
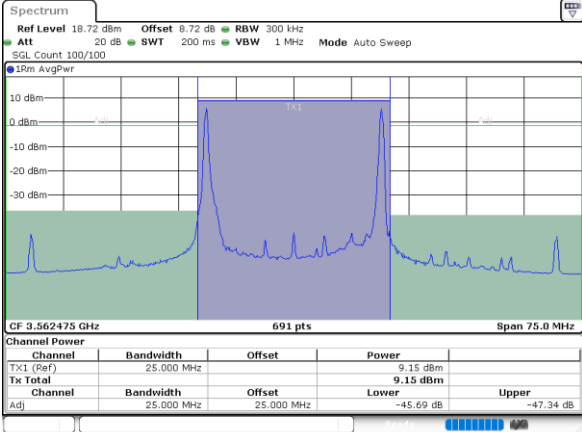


LTE Band 48C/ 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

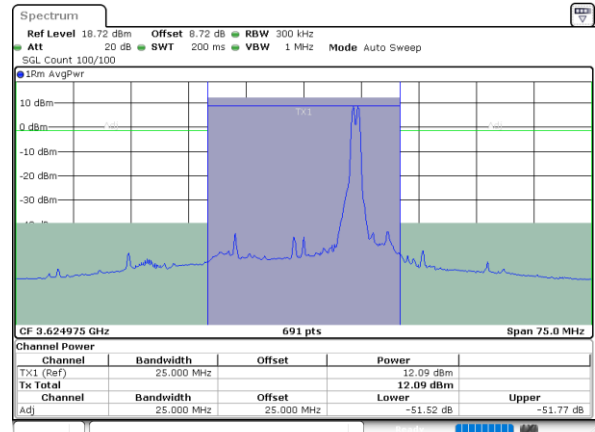
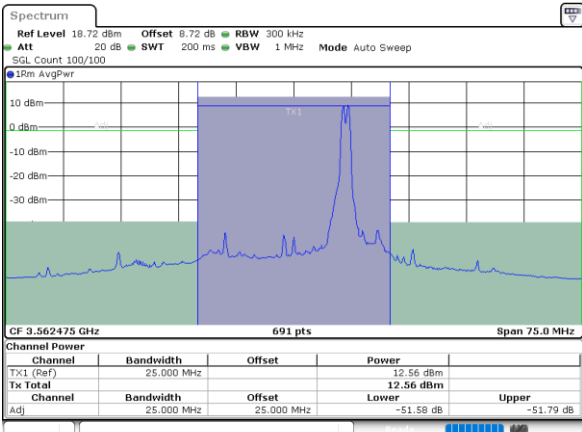


Date: 22.MAR.2024 04:42:46

Date: 22.MAR.2024 04:52:37

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

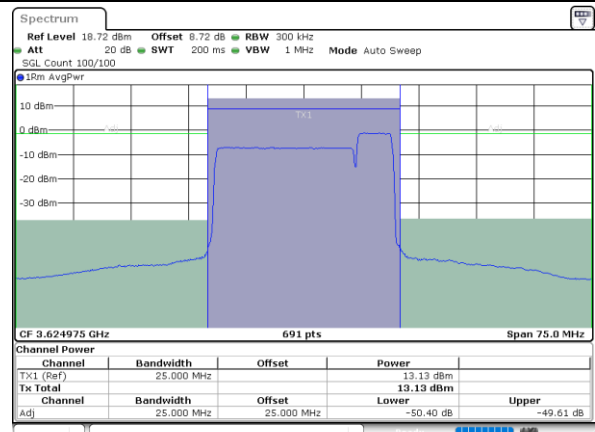
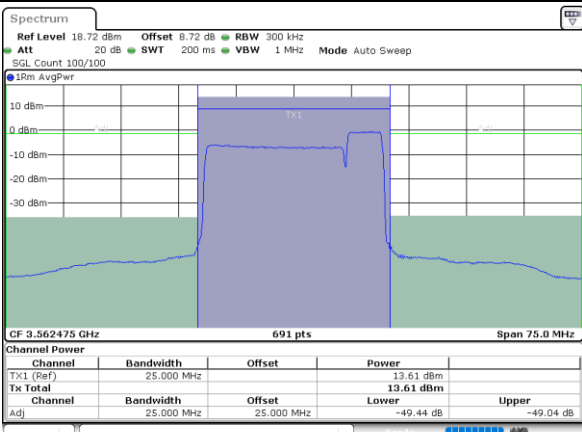


Date: 22.MAR.2024 04:46:02

Date: 22.MAR.2024 04:55:52

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.MAR.2024 04:39:30

Date: 22.MAR.2024 04:49:22

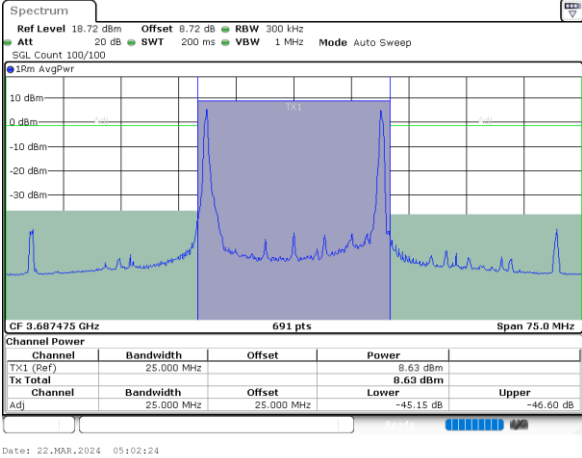


LTE Band 48C / 20MHz+5MHz

256QAM

Highest Band Edge / 1RB0 and 1RB24

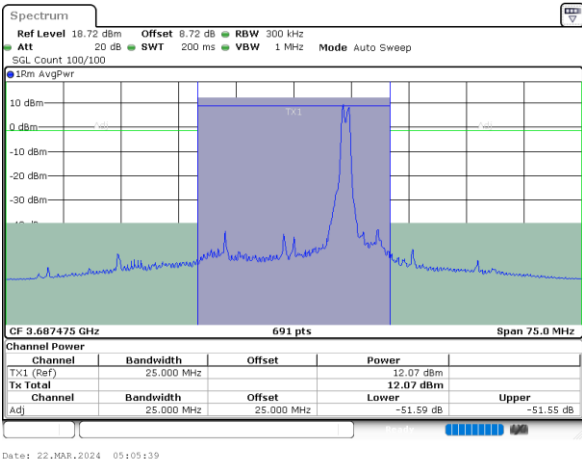
N/A



Date: 22_MAR_2024 05:02:24

Highest Band Edge / 1RB99 and 1RB0

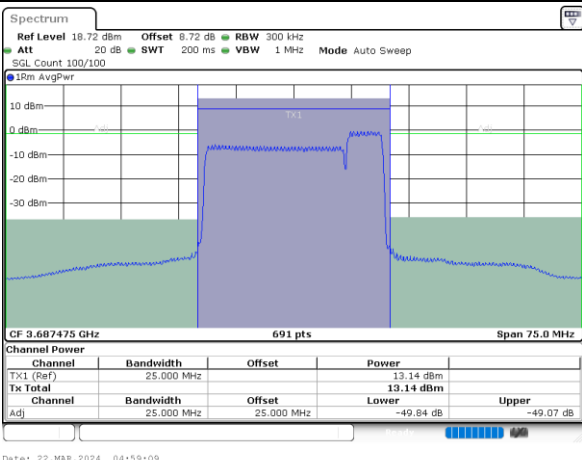
N/A



Date: 22_MAR_2024 05:05:39

Highest Band Edge / Full RB

N/A



Date: 22_MAR_2024 04:59:09

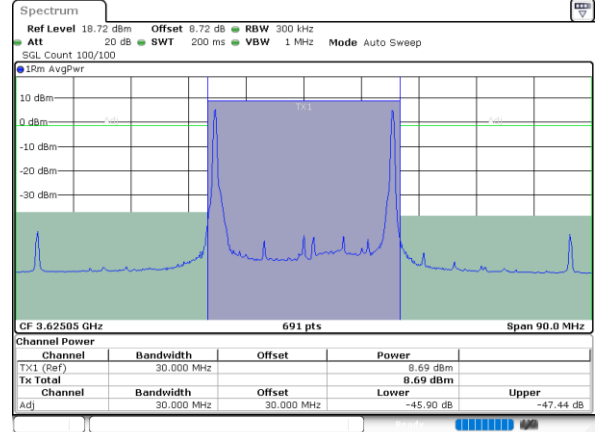
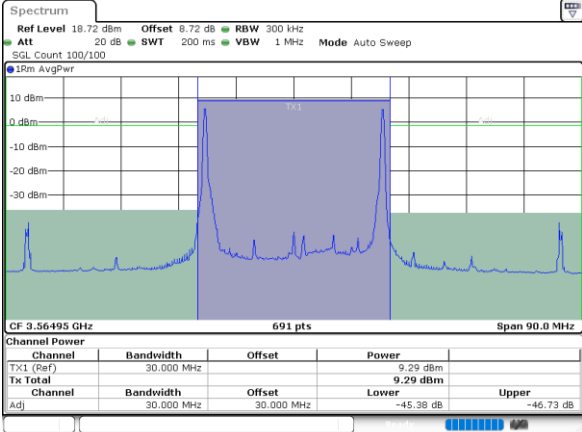


LTE Band 48C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

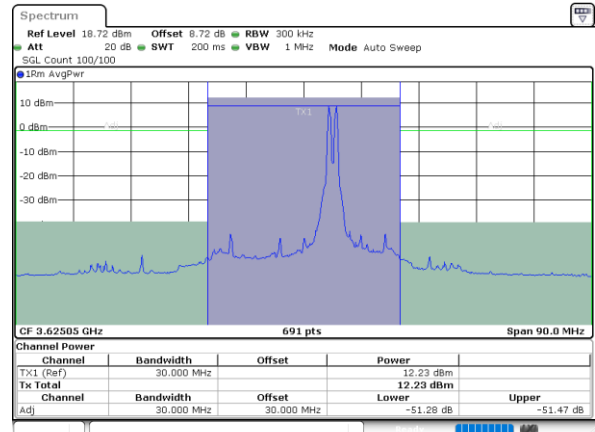
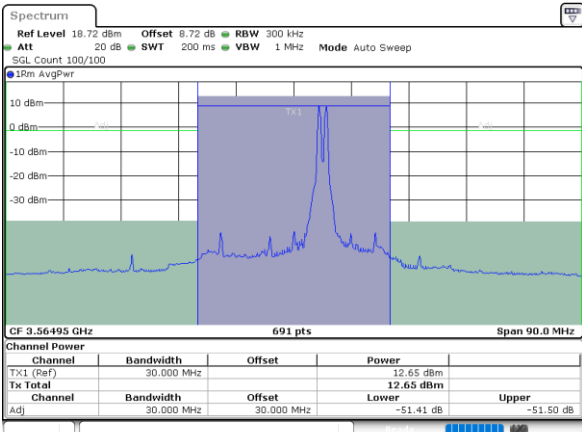


Date: 22.MAR.2024 05:12:11

Date: 22.MAR.2024 05:22:04

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

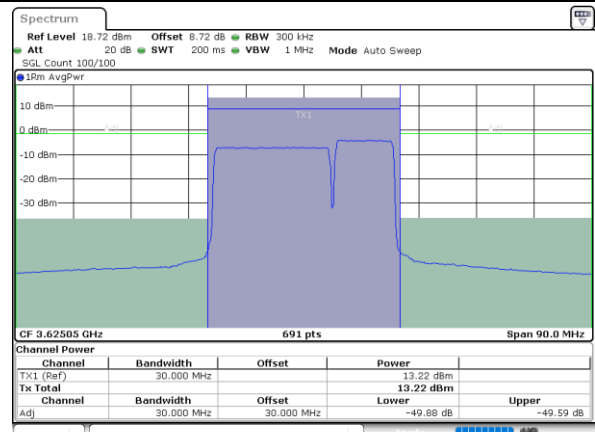
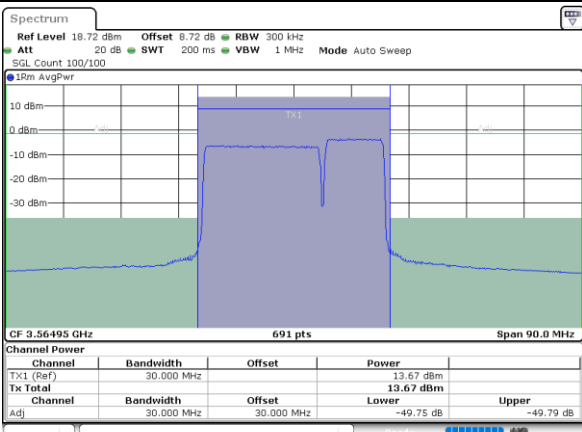


Date: 22.MAR.2024 05:15:27

Date: 22.MAR.2024 05:23:19

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.MAR.2024 05:08:56

Date: 22.MAR.2024 05:18:49

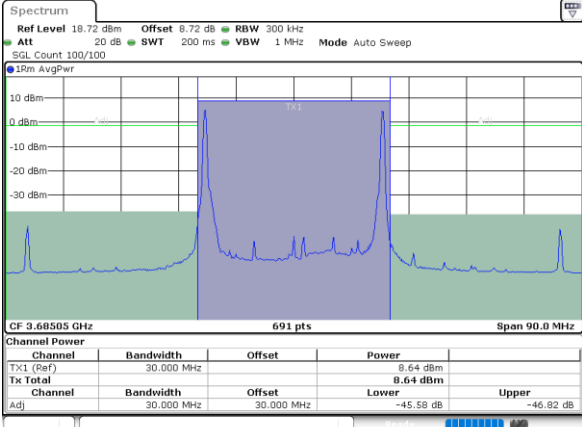


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

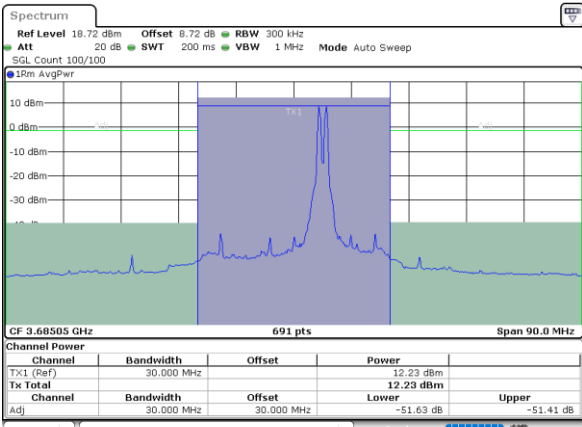
N/A



Date: 22_MAR_2024 05:31:50

Highest Band Edge / 1RB99 and 1RB0

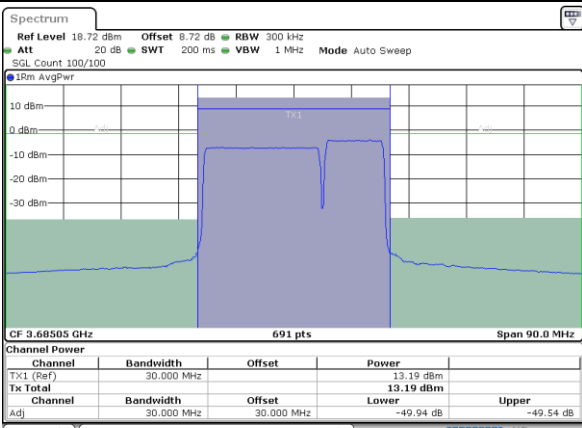
N/A



Date: 22_MAR_2024 05:35:05

Highest Band Edge / Full RB

N/A



Date: 22_MAR_2024 05:28:35

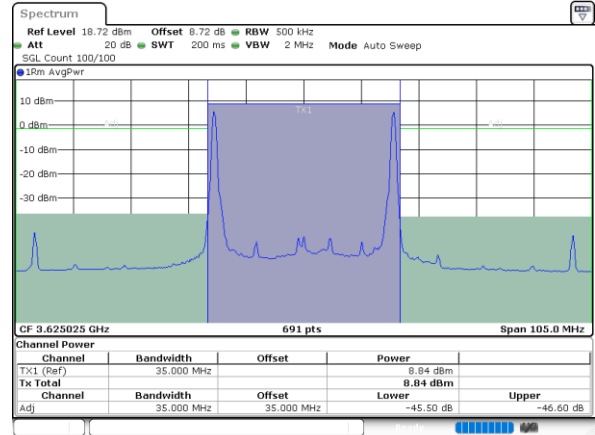
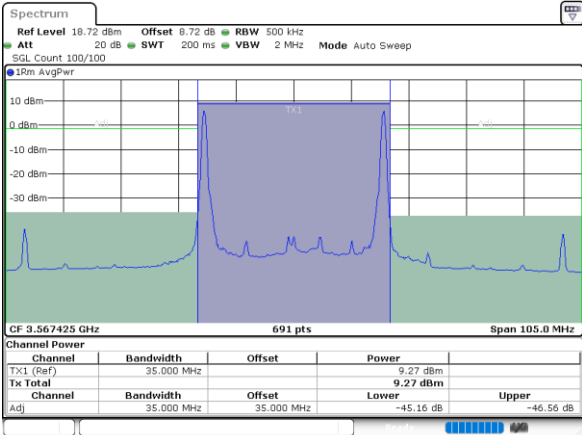


LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

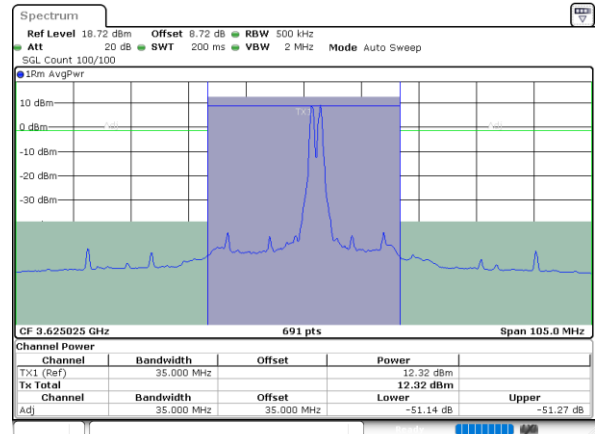
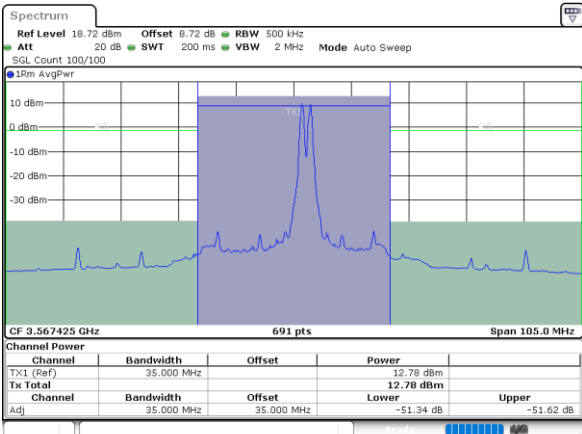


Date: 22.MAR.2024 05:41:39

Date: 22.MAR.2024 05:51:32

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

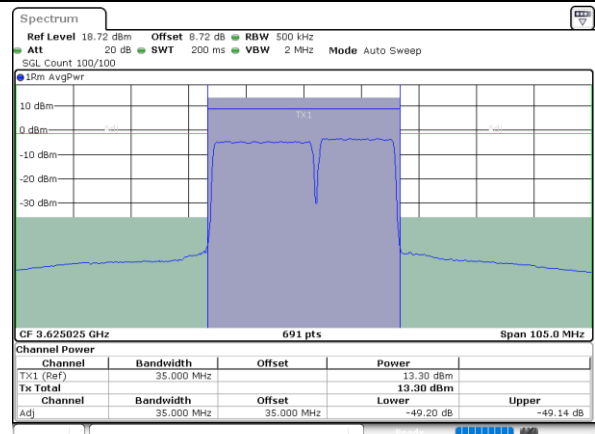
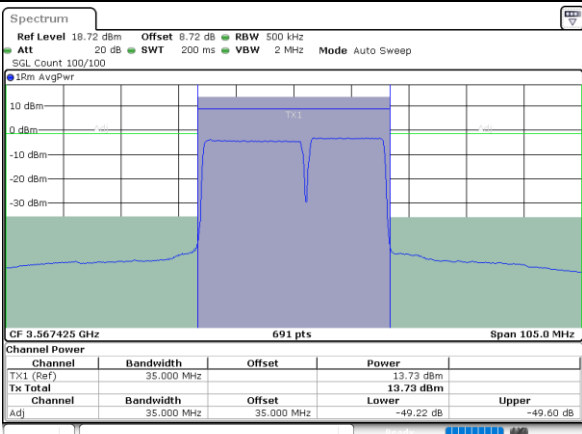


Date: 22.MAR.2024 05:44:55

Date: 22.MAR.2024 05:54:47

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.MAR.2024 05:38:23

Date: 22.MAR.2024 05:48:16

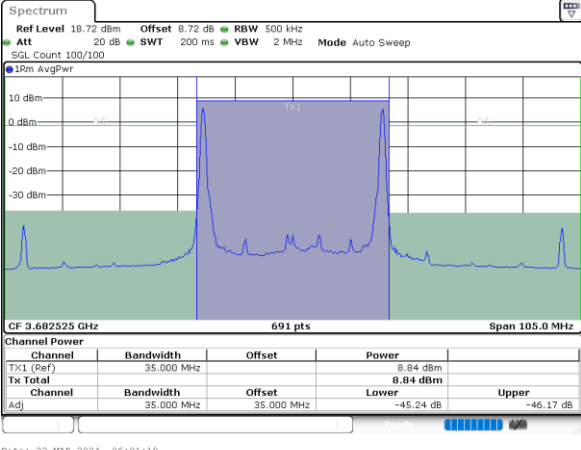


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

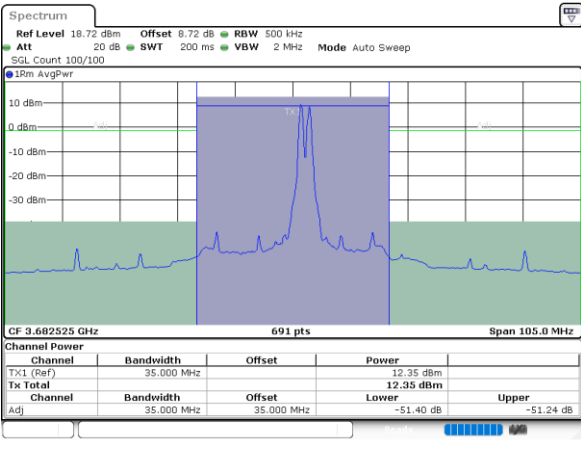
N/A



Date: 22_MAR_2024 06:01:19

Highest Band Edge / 1RB99 and 1RB0

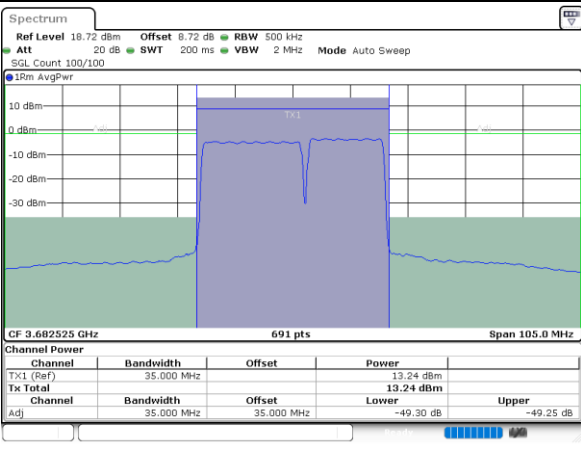
N/A



Date: 22_MAR_2024 06:04:33

Highest Band Edge / Full RB

N/A



Date: 22_MAR_2024 05:58:03

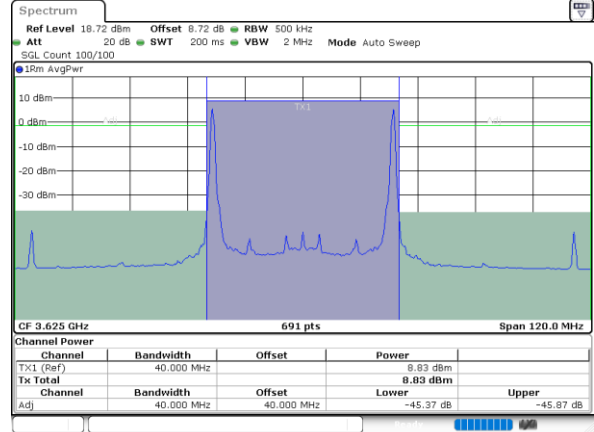
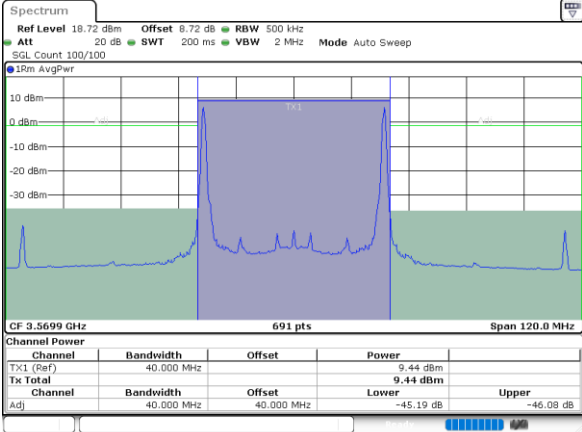


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

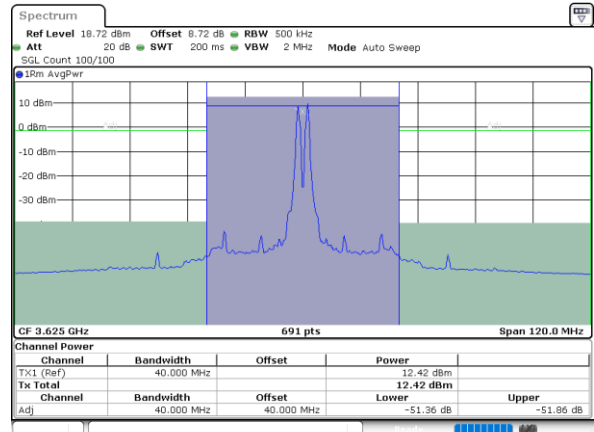
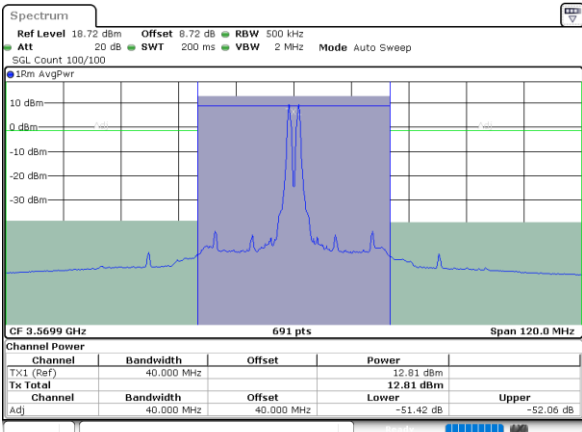


Date: 22.MAR.2024 06:10:52

Date: 22.MAR.2024 06:20:23

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

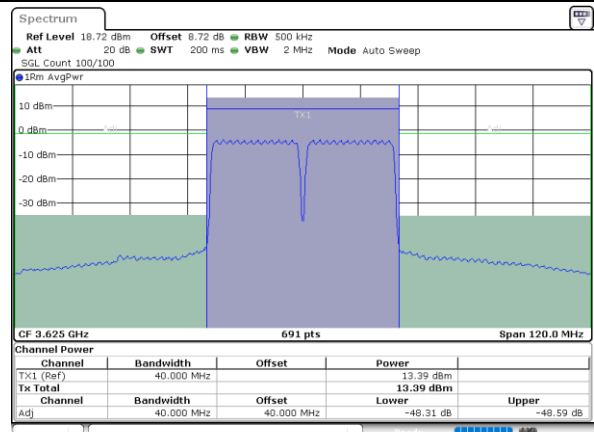
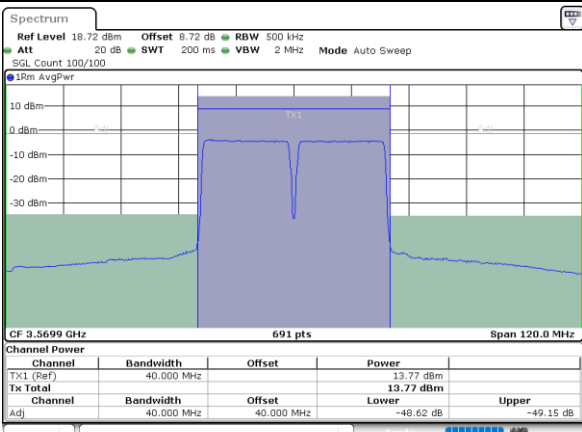


Date: 22.MAR.2024 06:14:01

Date: 22.MAR.2024 06:17:16

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.MAR.2024 06:07:44

Date: 22.MAR.2024 06:23:32

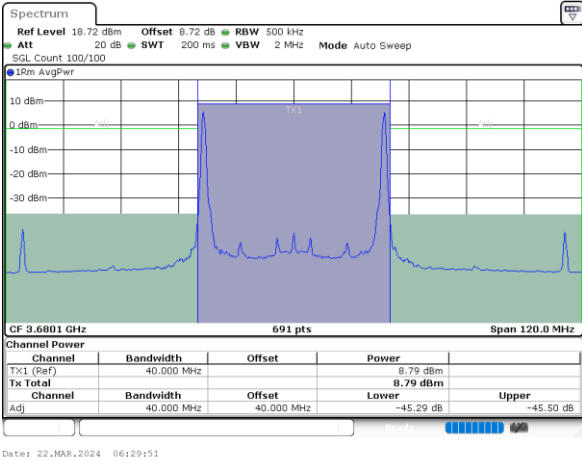


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB99

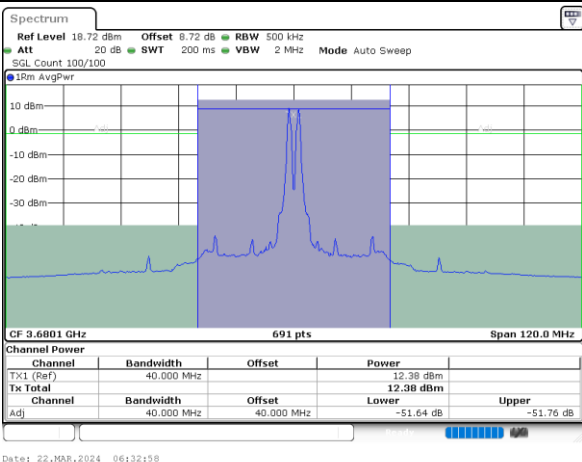
N/A



Date: 22, MAR, 2024 06:29:51

Highest Band Edge / 1RB99 and 1RB0

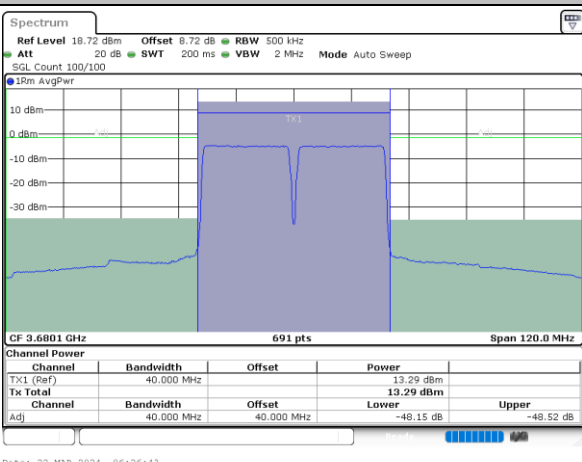
N/A



Date: 22, MAR, 2024 06:32:58

Highest Band Edge / Full RB

N/A



Date: 22, MAR, 2024 06:26:43



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0132	PASS
40	Normal Voltage	0.0125	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0248	
0	Normal Voltage	0.0220	
-10	Normal Voltage	0.0156	
-20	Normal Voltage	0.0140	
-30	Normal Voltage	0.0132	
20	Maximum Voltage	0.0082	
20	Normal Voltage	0.0040	
20	Battery End Point	0.0091	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 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

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 48 / 20MHz / QPSK / Ant.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	7236	-57.00	-40	-17.00	-68.46	2.84	14.30	H
	10848	-59.57	-40	-19.57	-69.51	3.49	13.43	H
	14460	-59.98	-40	-19.98	-70.22	3.85	14.09	H
	7236	-59.53	-40	-19.53	-70.99	2.84	14.30	V
	10848	-59.65	-40	-19.65	-69.59	3.49	13.43	V
	14460	-60.18	-40	-20.18	-70.42	3.85	14.09	V

LTE Band 48B / 10+10MHz / QPSK / Ant.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	7275	-61.06	-40	-21.06	-72.52	2.84	14.30	H
	10916	-59.64	-40	-19.64	-69.58	3.49	13.43	H
	14557	-59.76	-40	-19.76	-70.00	3.85	14.09	H
	7297	-62.48	-40	-22.48	-73.94	2.84	14.30	H
	10949	-59.72	-40	-19.72	-69.66	3.49	13.43	H
	14590	-59.64	-40	-19.64	-69.88	3.85	14.09	H
	7275	-60.62	-40	-20.62	-72.08	2.84	14.30	V
	10916	-59.42	-40	-19.42	-69.36	3.49	13.43	V
	14557	-59.87	-40	-19.87	-70.11	3.85	14.09	V
	7297	-62.18	-40	-22.18	-73.64	2.84	14.30	V
	10949	-59.76	-40	-19.76	-69.70	3.49	13.43	V
	14590	-59.42	-40	-19.42	-69.66	3.85	14.09	V



LTE Band 48C / 20+20MHz / QPSK / Ant.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	7209	-60.68	-40	-20.68	-72.14	2.84	14.30	H
	10817	-60.41	-40	-20.41	-70.35	3.49	13.43	H
	14425	-59.81	-40	-19.81	-70.05	3.85	14.09	H
	7253	-62.85	-40	-22.85	-74.31	2.84	14.30	H
	10883	-59.61	-40	-19.61	-69.55	3.49	13.43	H
	14502	-59.73	-40	-19.73	-69.97	3.85	14.09	H
	7209	-61.91	-40	-21.91	-73.37	2.84	14.30	V
	10817	-60.34	-40	-20.34	-70.28	3.49	13.43	V
	14425	-59.79	-40	-19.79	-70.03	3.85	14.09	V
	7253	-62.66	-40	-22.66	-74.12	2.84	14.30	V
	10883	-59.53	-40	-19.53	-69.47	3.49	13.43	V
	14502	-59.47	-40	-19.47	-69.71	3.85	14.09	V

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