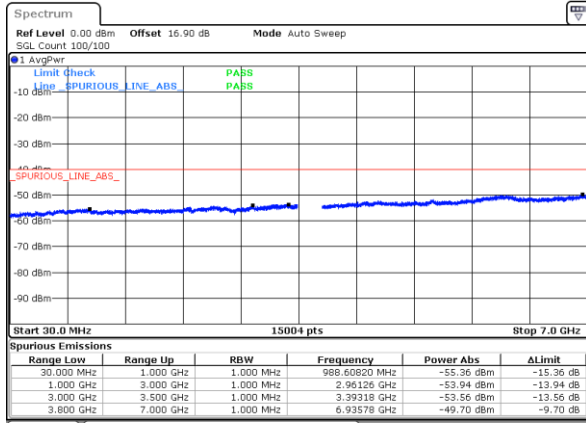




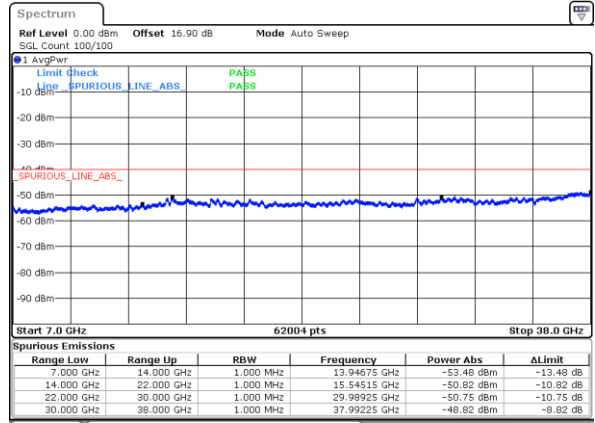
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

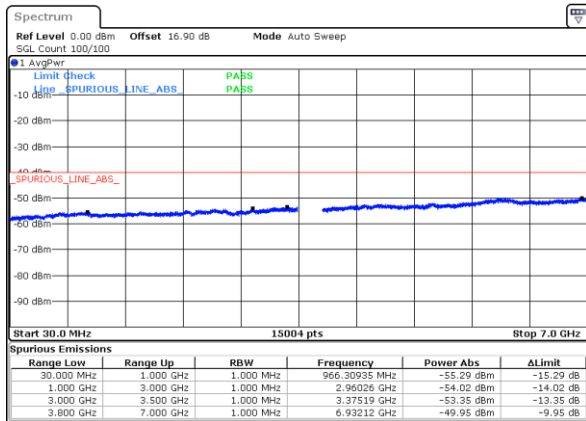


Date: 23,NOV,2024 08:46:00

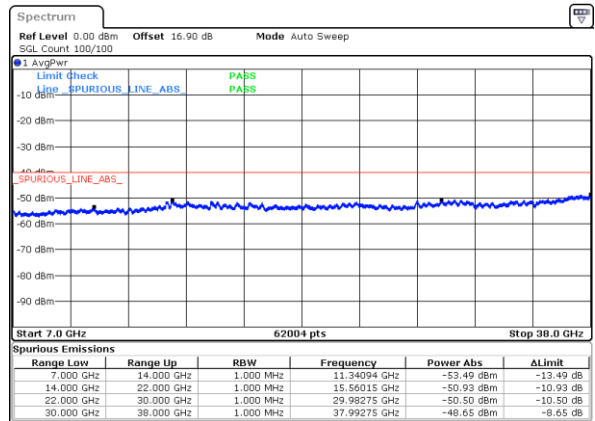


Date: 27,DEC,2024 12:59:10

MiddleChannel / 1RB0 and 1RB99

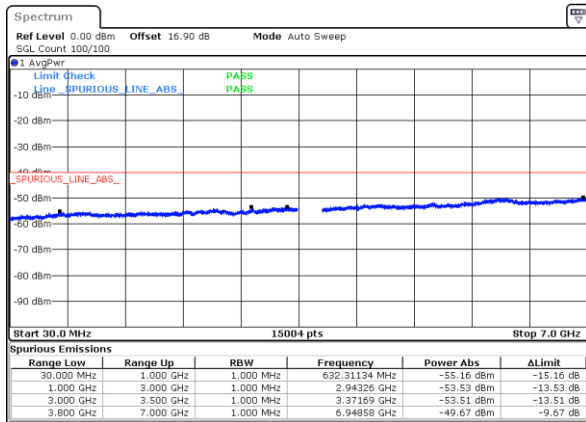


Date: 23,NOV,2024 08:47:54

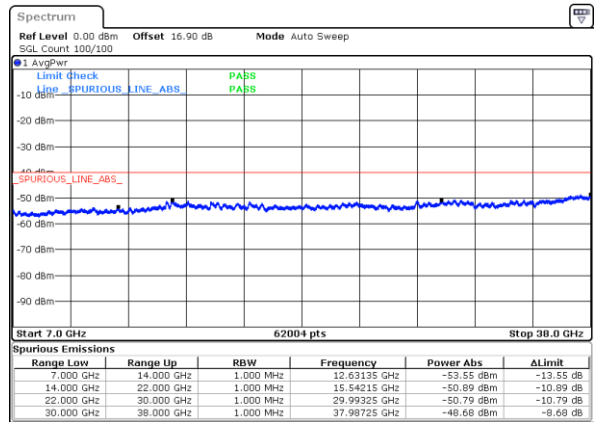


Date: 27,DEC,2024 13:03:22

Highest Channel / 1RB0 and 1RB99



Date: 23,NOV,2024 08:53:32



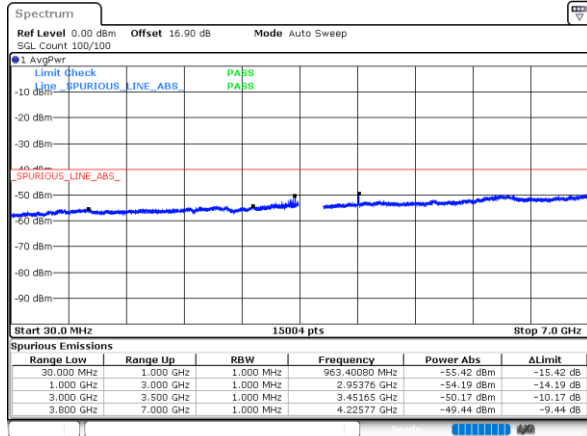
Date: 27,DEC,2024 13:04:52



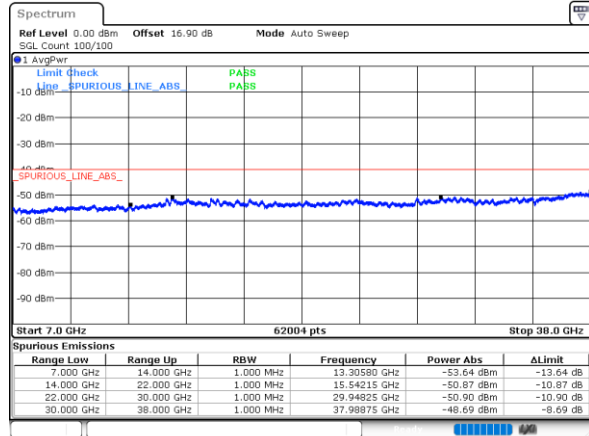
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

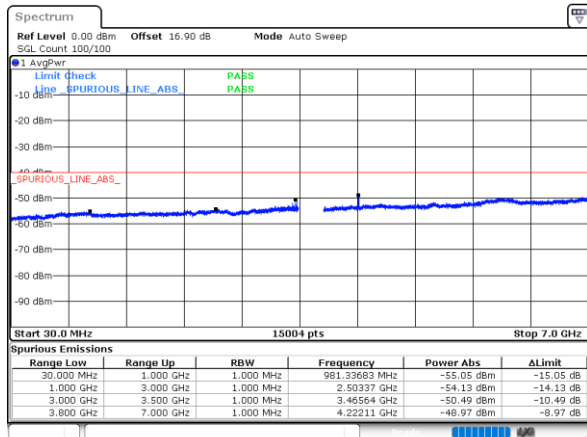


Date: 23.NOV.2024 08:44:08

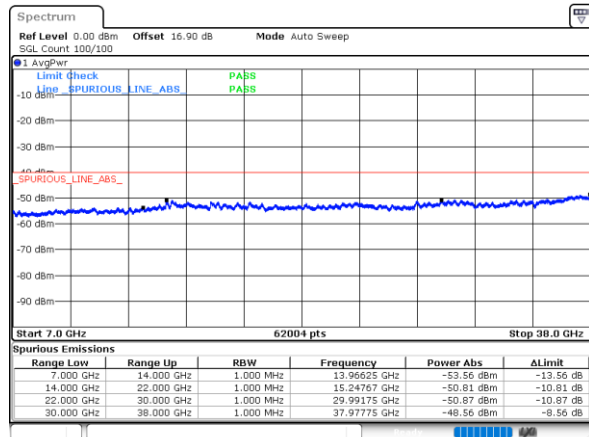


Date: 27.DEC.2024 13:00:31

Middle Channel / 1RB99 and 1RB0

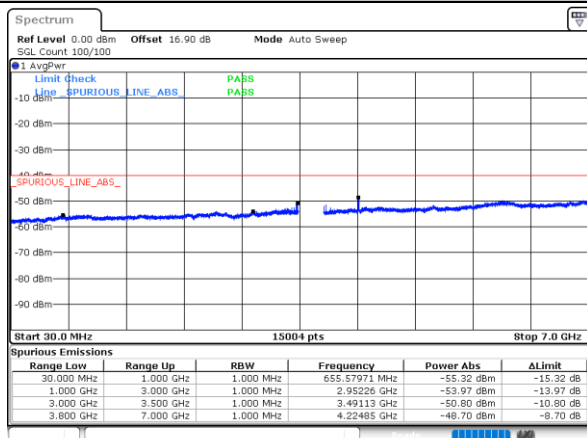


Date: 23.NOV.2024 08:49:46

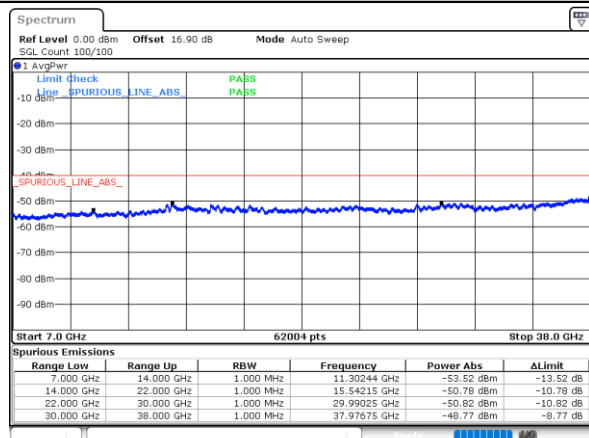


Date: 27.DEC.2024 13:02:01

Highest Channel / 1RB99 and 1RB0



Date: 23.NOV.2024 08:51:40



Date: 27.DEC.2024 13:06:13



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 96	LTE B48	M	7232	-43.54	RMS	36.56	-20.81	1.00	-95.23	34.94	-40.00	-3.54	H	Ant.8
2	Part 96	LTE CA 48C	L	7138	-43.60	RMS	36.38	-20.86	1.00	-95.23	35.11	-40.00	-3.60	H	Ant.8

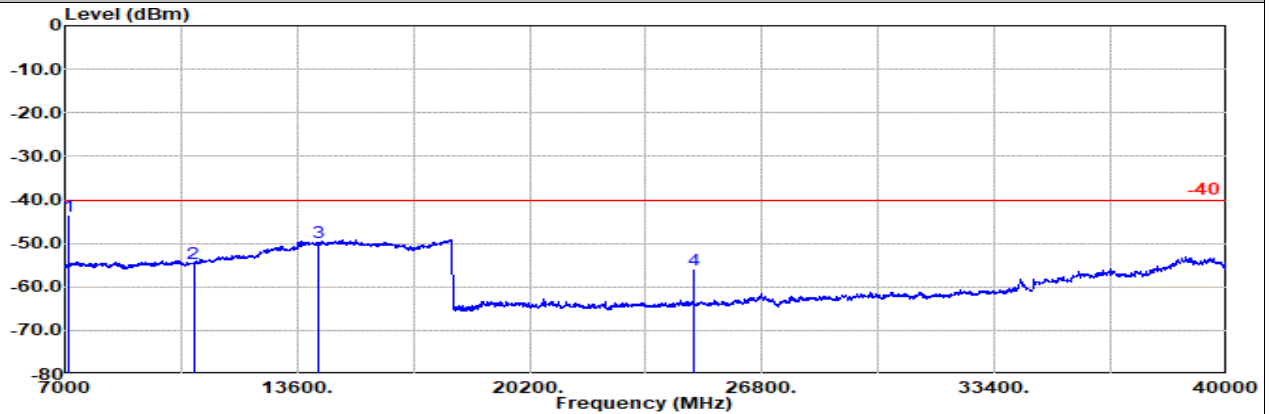


Ant.8

Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L

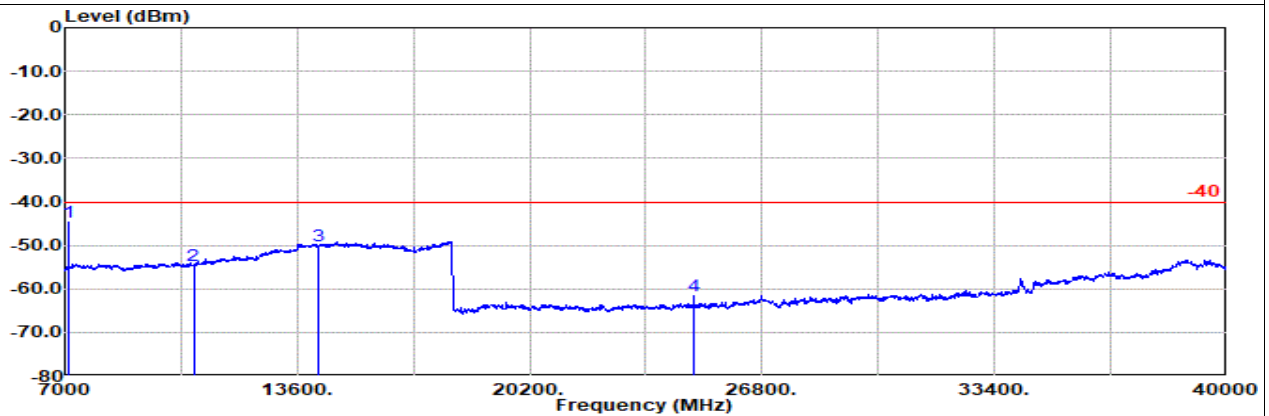


Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Horizontal

: LTE B48 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm									
1	7102.00	-43.83	RMS	36.30	-20.88	1.00	-95.23	34.98	-40.00	-3.83	Horizontal
2	10653.00	-54.57	RMS	37.50	-21.43	0.89	-95.23	23.70	-40.00	-14.57	Horizontal
3	14204.00	-49.85	RMS	41.20	-21.96	0.65	-95.23	25.49	-40.00	-9.85	Horizontal
4	24864.00	-56.09	RMS	39.44	-32.75	-9.54	-95.23	41.99	-40.00	-16.09	Horizontal



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Vertical

: LTE B48 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm									
1	7102.00	-44.81	RMS	36.30	-20.88	1.00	-95.23	34.00	-40.00	-4.81	Vertical
2	10653.00	-54.50	RMS	37.50	-21.43	0.89	-95.23	23.77	-40.00	-14.50	Vertical
3	14204.00	-50.05	RMS	41.20	-21.96	0.65	-95.23	25.29	-40.00	-10.05	Vertical
4	24864.00	-61.65	RMS	39.44	-32.75	-9.54	-95.23	36.43	-40.00	-21.65	Vertical

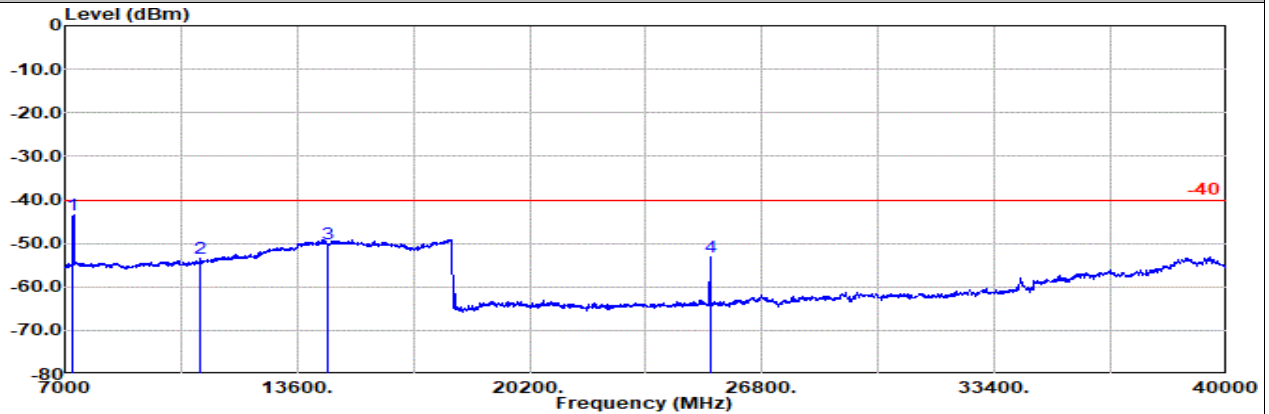


Ant.8

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M

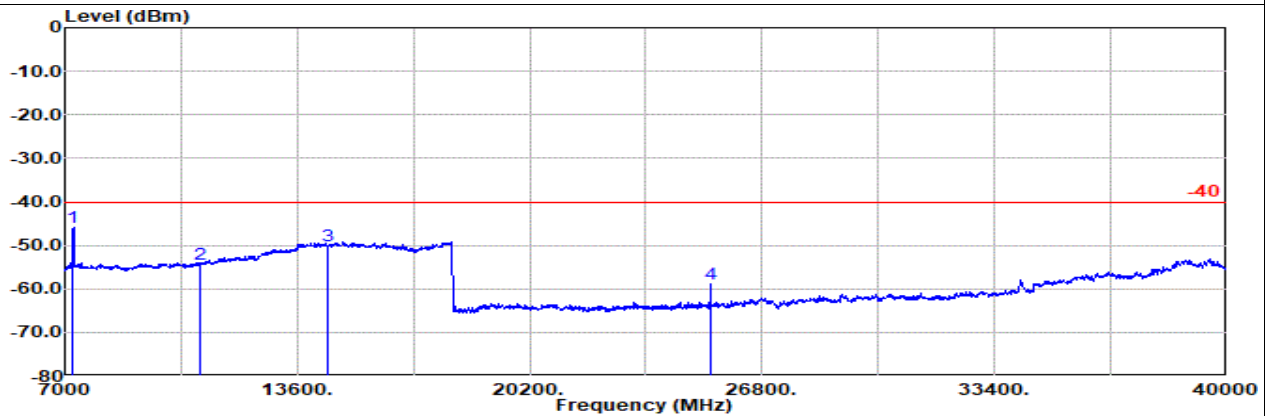


Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Horizontal

: LTE B48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7232.00	-43.54	RMS	36.56	-20.81	1.00	-95.23	34.94	-40.00	-3.54	Horizontal
2	10848.00	-53.57	RMS	37.50	-21.41	0.90	-95.23	24.67	-40.00	-13.57	Horizontal
3	14464.00	-50.11	RMS	41.23	-22.55	0.70	-95.23	25.74	-40.00	-10.11	Horizontal
4	25320.00	-53.09	RMS	39.36	-32.15	-9.54	-95.23	44.47	-40.00	-13.09	Horizontal



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Vertical

: LTE B48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7232.00	-45.76	RMS	36.56	-20.81	1.00	-95.23	32.72	-40.00	-5.76	Vertical
2	10848.00	-54.19	RMS	37.50	-21.41	0.90	-95.23	24.05	-40.00	-14.19	Vertical
3	14464.00	-50.07	RMS	41.23	-22.55	0.70	-95.23	25.78	-40.00	-10.07	Vertical
4	25320.00	-58.95	RMS	39.36	-32.15	-9.54	-95.23	38.61	-40.00	-18.95	Vertical

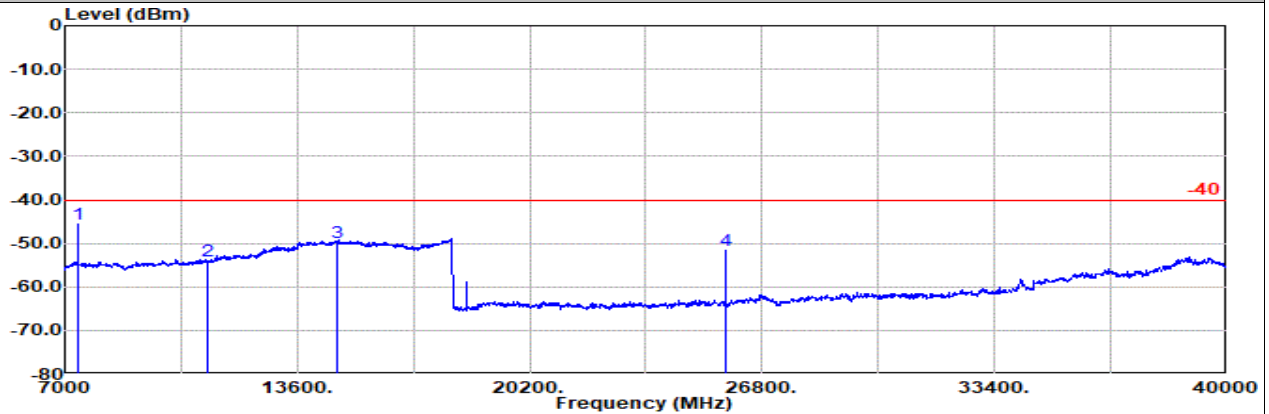


Ant.8

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H

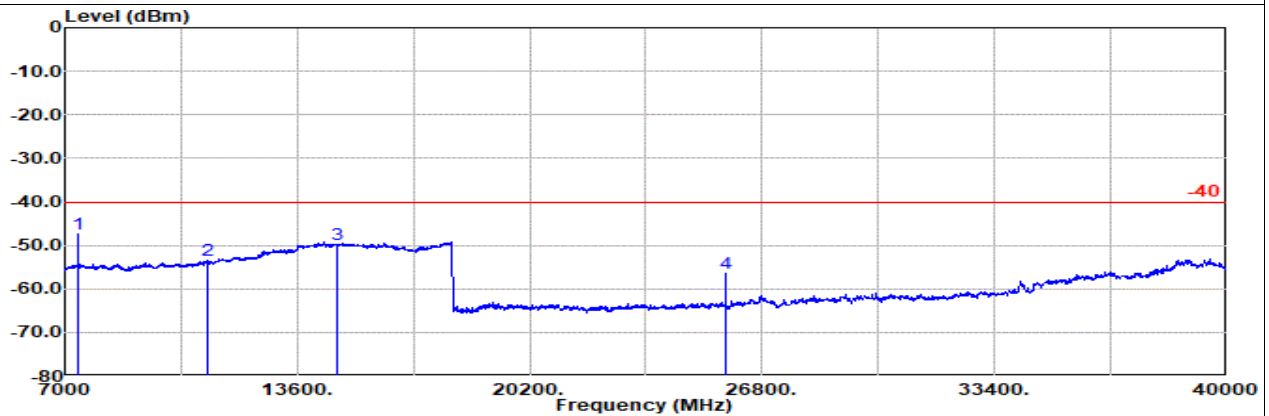


Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Horizontal

: LTE B48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7362.00	-45.53	RMS	36.80	-20.74	1.06	-95.23	32.58	-40.00	-5.53	Horizontal
2	11043.00	-54.12	RMS	37.79	-21.41	0.91	-95.23	23.82	-40.00	-14.12	Horizontal
3	14724.00	-49.84	RMS	41.35	-22.54	0.74	-95.23	25.84	-40.00	-9.84	Horizontal
4	25768.00	-51.51	RMS	39.30	-32.16	-9.54	-95.23	46.12	-40.00	-11.51	Horizontal



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Vertical

: LTE B48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7362.00	-47.52	RMS	36.80	-20.74	1.06	-95.23	30.59	-40.00	-7.52	Vertical
2	11043.00	-53.53	RMS	37.79	-21.41	0.91	-95.23	24.41	-40.00	-13.53	Vertical
3	14724.00	-49.71	RMS	41.35	-22.54	0.74	-95.23	25.97	-40.00	-9.71	Vertical
4	25768.00	-56.59	RMS	39.30	-32.16	-9.54	-95.23	41.04	-40.00	-16.59	Vertical

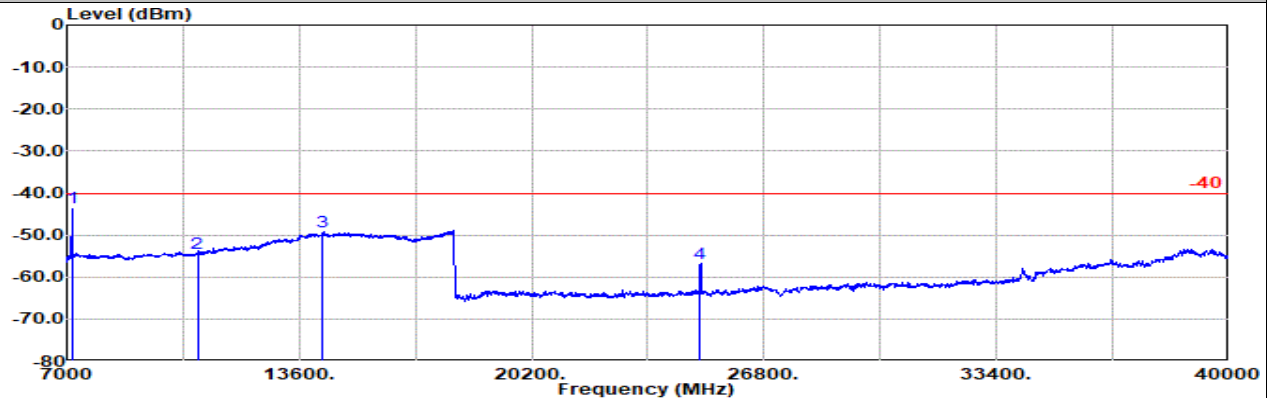


Ant.8

Part 96 Mode 2

LTE CA 48C Ch55340 + Ch55538

L



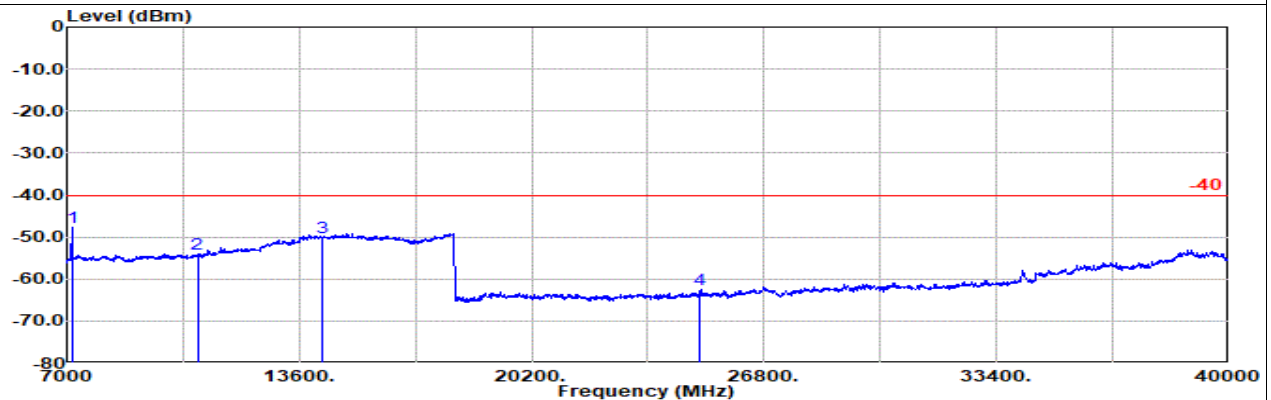
Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Horizontal

: LTE B48 20M Ch55340 1RB99 QPSK

: LTE B48 20M Ch55538 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	7138.00	-43.60	RMS	36.38	-20.86	1.00	-95.23	35.11	-40.00	-3.60	Horizontal
2	10707.00	-54.33	RMS	37.50	-21.43	0.89	-95.23	23.94	-40.00	-14.33	Horizontal
3	14276.00	-49.35	RMS	41.25	-22.12	0.66	-95.23	26.09	-40.00	-9.35	Horizontal
4	24992.00	-56.61	RMS	39.47	-32.67	-9.54	-95.23	41.36	-40.00	-16.61	Horizontal



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Vertical

: LTE B48 20M Ch55340 1RB99 QPSK

: LTE B48 20M Ch55538 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	7138.00	-47.71	RMS	36.38	-20.86	1.00	-95.23	31.00	-40.00	-7.71	Vertical
2	10707.00	-54.00	RMS	37.50	-21.43	0.89	-95.23	24.27	-40.00	-14.00	Vertical
3	14276.00	-49.98	RMS	41.25	-22.12	0.66	-95.23	25.46	-40.00	-9.98	Vertical
4	24992.00	-62.51	RMS	39.47	-32.67	-9.54	-95.23	35.46	-40.00	-22.51	Vertical

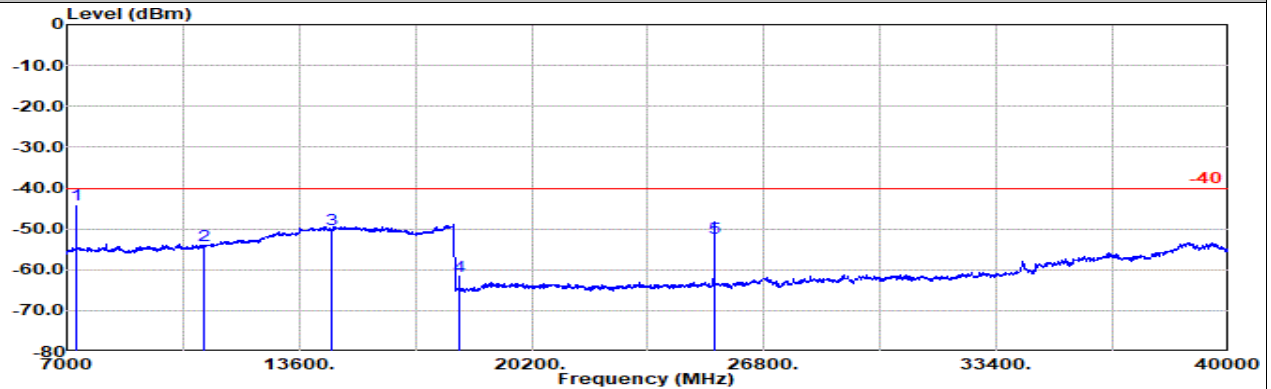


Ant.8

Part 96 Mode 2

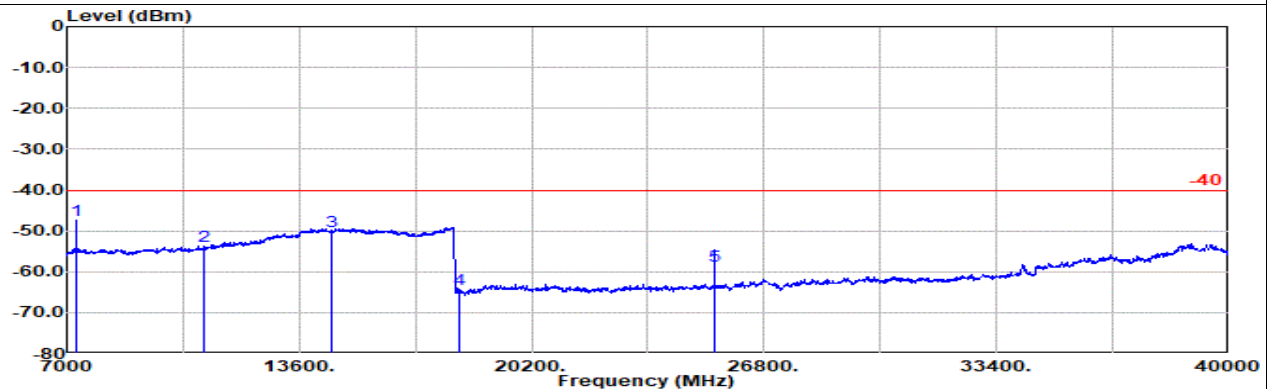
LTE CA 48C Ch55891 + Ch56089

M



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1224_240624 Horizontal
: LTE B48 20M Ch55891 1RB99 QPSK
: LTE B48 20M Ch56089 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7248.00	-44.03	RMS	36.60	-20.80	1.01	-95.23	34.39	-40.00	-4.03	Horizontal	
2	10872.00	-54.19	RMS	37.54	-21.41	0.90	-95.23	24.01	-40.00	-14.19	Horizontal	
3	14496.00	-50.11	RMS	41.29	-22.62	0.70	-95.23	25.75	-40.00	-10.11	Horizontal	
4	18128.00	-61.52	RMS	37.54	-39.69	-9.54	-95.23	45.40	-40.00	-21.52	Horizontal	
5	25376.00	-52.30	RMS	39.50	-32.05	-9.54	-95.23	45.02	-40.00	-12.30	Horizontal	



Site : 03CH21-HY
Condition: -40 1m BBHA9170_1224_240624 Vertical
: LTE B48 20M Ch55891 1RB99 QPSK
: LTE B48 20M Ch56089 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7248.00	-47.39	RMS	36.60	-20.80	1.01	-95.23	31.03	-40.00	-7.39	Vertical	
2	10872.00	-53.78	RMS	37.54	-21.41	0.90	-95.23	24.42	-40.00	-13.78	Vertical	
3	14496.00	-50.18	RMS	41.29	-22.62	0.70	-95.23	25.68	-40.00	-10.18	Vertical	
4	18128.00	-64.40	RMS	37.54	-39.69	-9.54	-95.23	42.52	-40.00	-24.40	Vertical	
5	25376.00	-58.72	RMS	39.50	-32.05	-9.54	-95.23	38.60	-40.00	-18.72	Vertical	

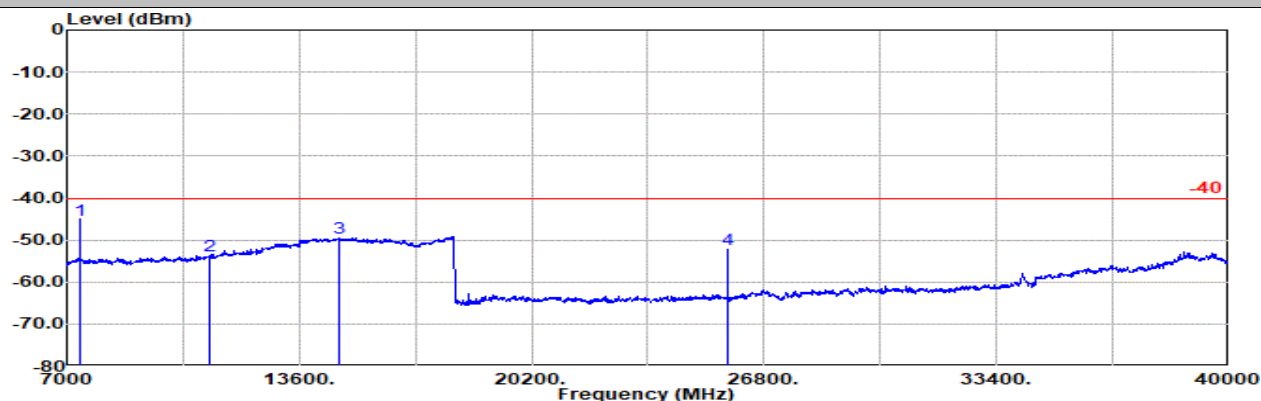


Ant.8

Part 96 Mode 2

LTE CA 48C Ch56442 + Ch56640

H



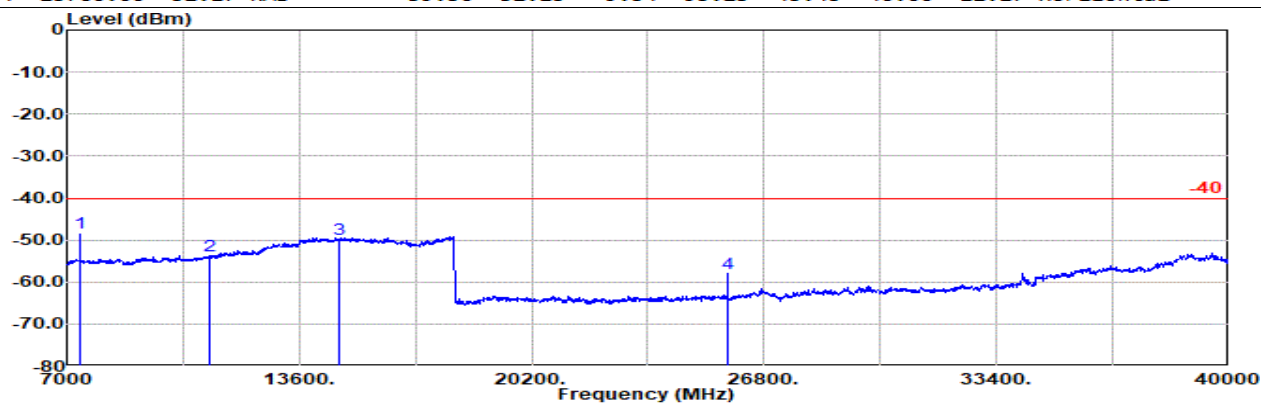
Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Horizontal

: LTE B48 20M Ch56442 1RB99 QPSK

: LTE B48 20M Ch56640 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-45.29 RMS	36.80	-20.74	1.06	-95.23	32.82	-40.00	-5.29	Horizontal
2	11037.00	-53.62 RMS	37.77	-21.41	0.91	-95.23	24.34	-40.00	-13.62	Horizontal
3	14716.00	-49.53 RMS	41.37	-22.54	0.74	-95.23	26.13	-40.00	-9.53	Horizontal
4	25760.00	-52.17 RMS	39.30	-32.15	-9.54	-95.23	45.45	-40.00	-12.17	Horizontal



Site : 03CH21-HY

Condition: -40 1m BBHA9170_1224_240624 Vertical

: LTE B48 20M Ch56442 1RB99 QPSK

: LTE B48 20M Ch56640 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-48.40 RMS	36.80	-20.74	1.06	-95.23	29.71	-40.00	-8.40	Vertical
2	11037.00	-53.83 RMS	37.77	-21.41	0.91	-95.23	24.13	-40.00	-13.83	Vertical
3	14716.00	-49.93 RMS	41.37	-22.54	0.74	-95.23	25.73	-40.00	-9.93	Vertical
4	25768.00	-58.09 RMS	39.30	-32.16	-9.54	-95.23	39.54	-40.00	-18.09	Vertical

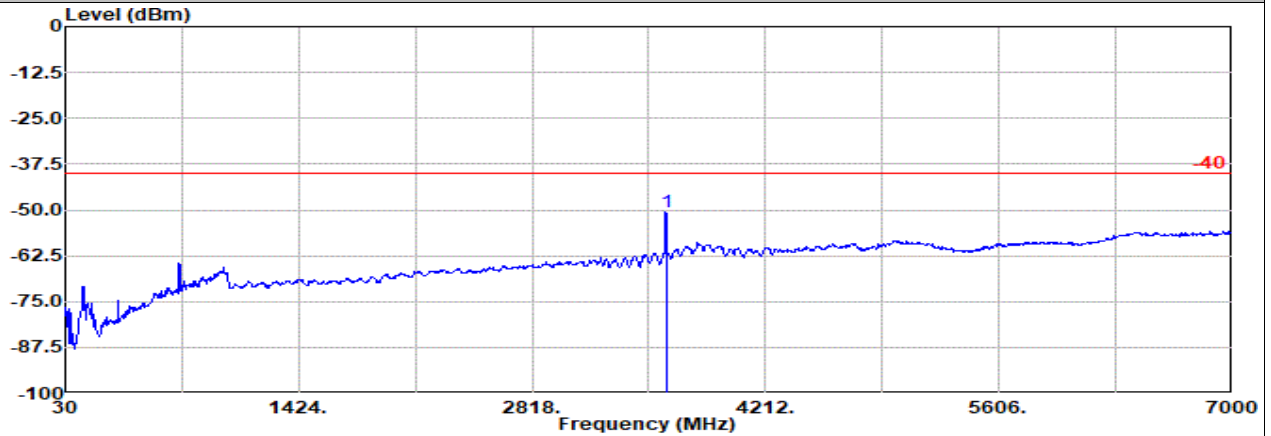


Ant.8

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M



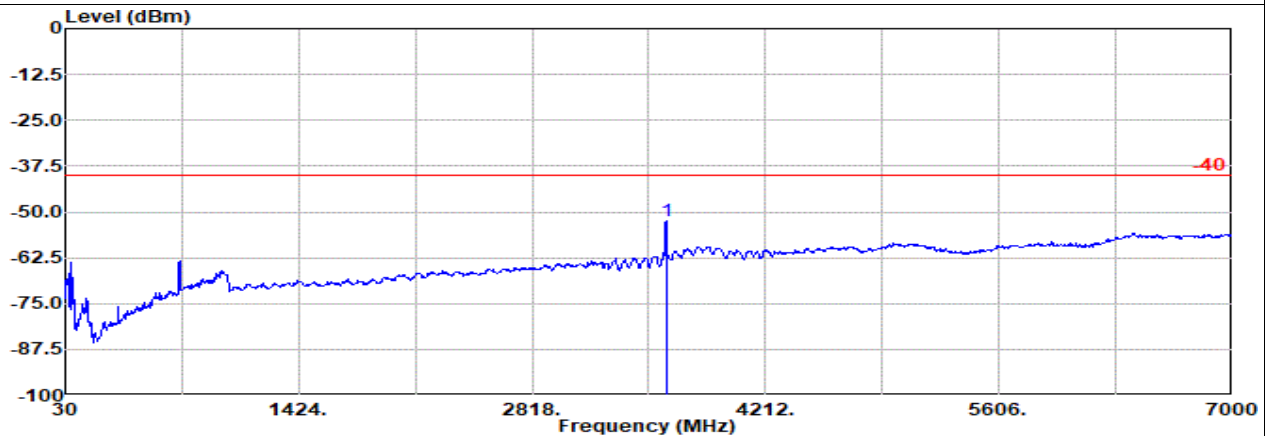
Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Horizontal

: LTE B48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3625.00	-50.69	RMS	29.25	-22.34	0.55	-95.23	37.08	-40.00	-10.69	Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_240711 Vertical

: LTE B48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3625.00	-52.45	RMS	29.25	-22.34	0.55	-95.23	35.32	-40.00	-12.45	Vertical

Remark: The over limit #1 is fundamental signal which can be ignored.