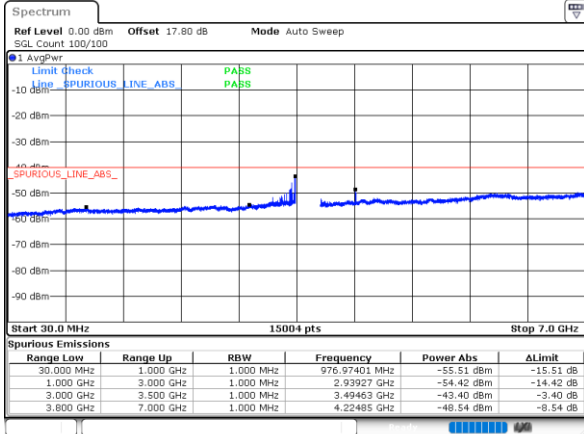




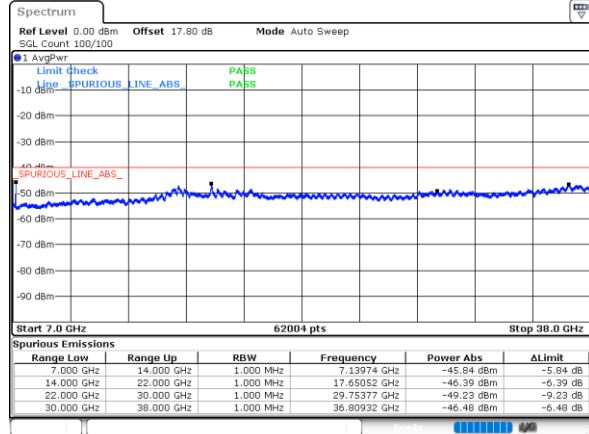
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

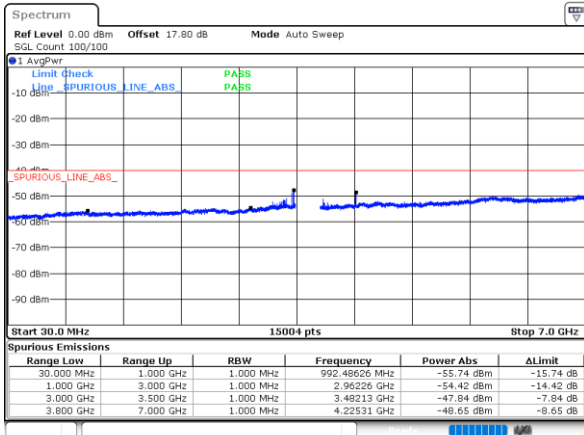


Date: 19,MAR,2024 21:42:02

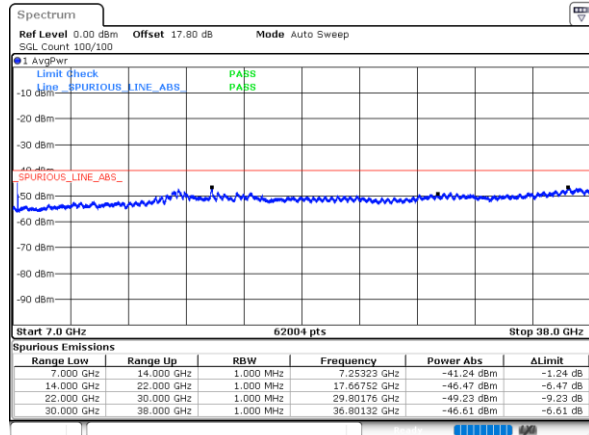


Date: 20,MAR,2024 01:16:09

Middle Channel / 1RB99 and 1RB0

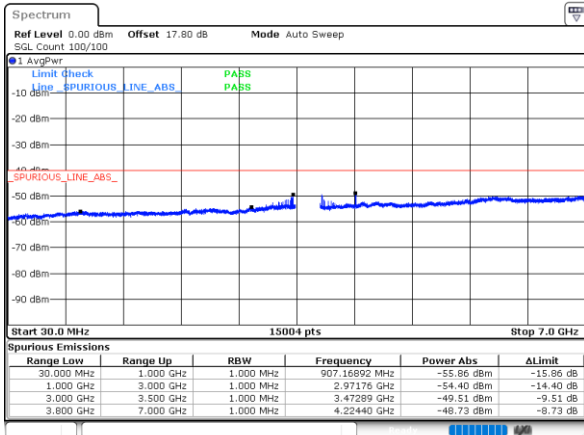


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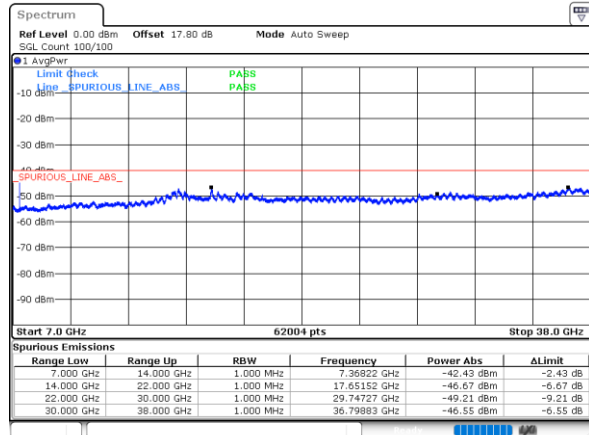


Date: 20,MAR,2024 01:19:55

Highest Channel / 1RB99 and 1RB0



Date: 19,MAR,2024 22:26:47



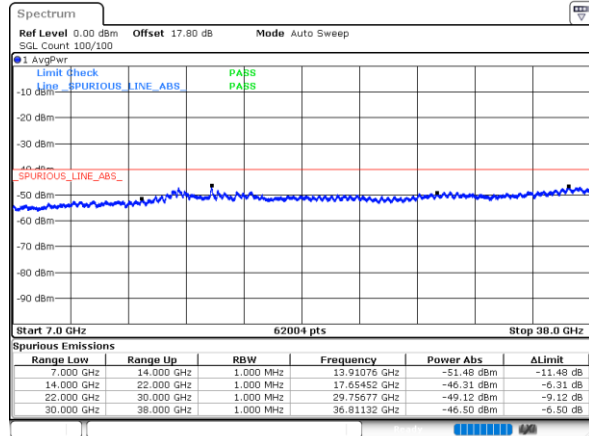
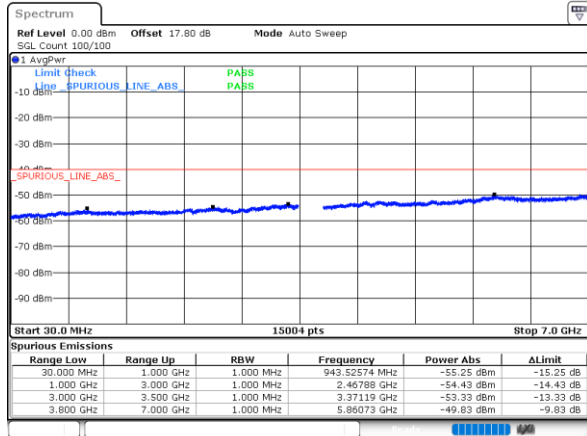
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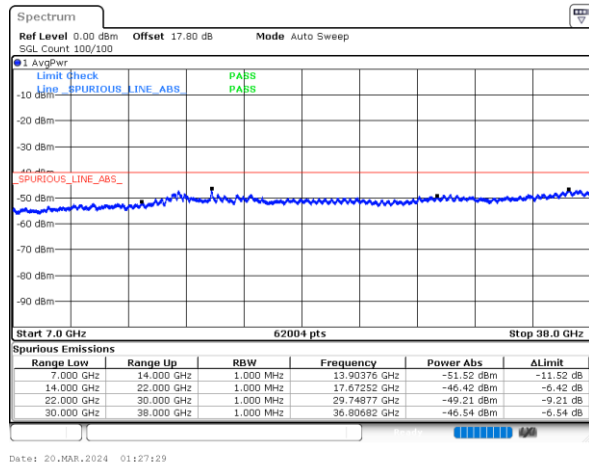
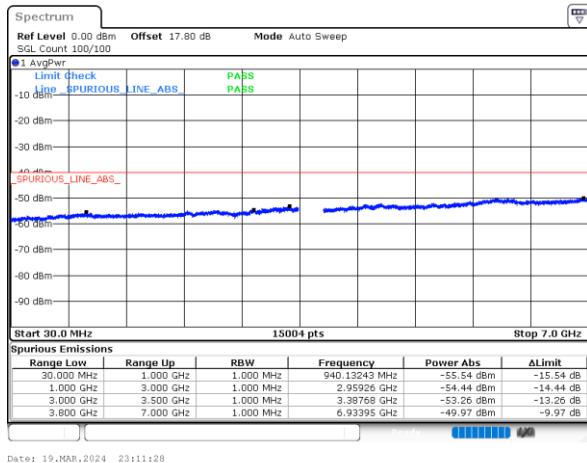
LTE Band 48C / 20MHz+20MHz

QPSK

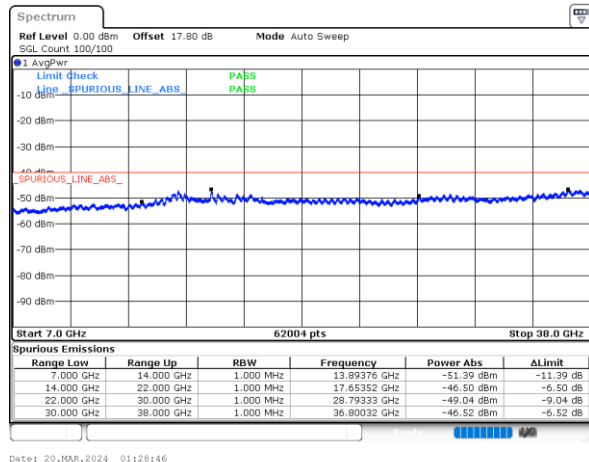
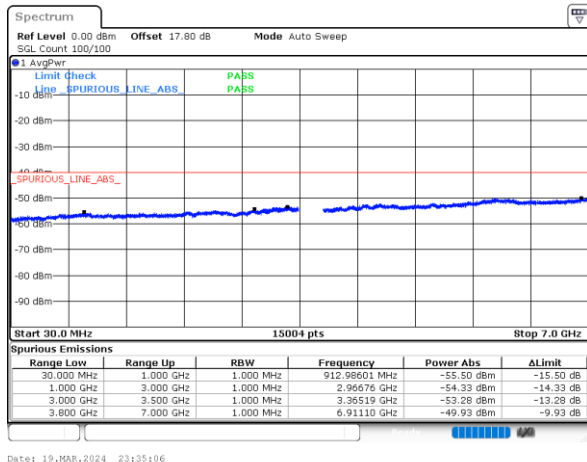
Lowest Channel / 1RB0 and 1RB99



MiddleChannel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

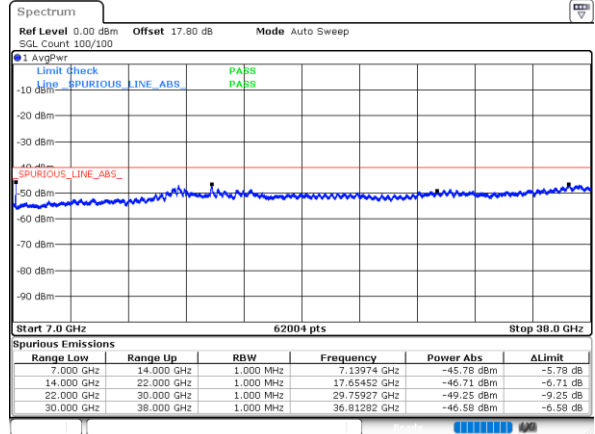
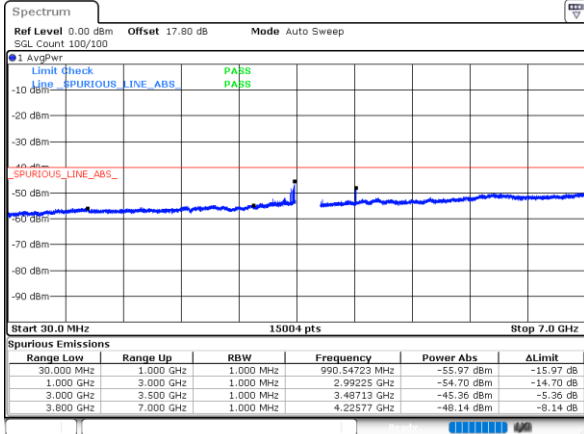




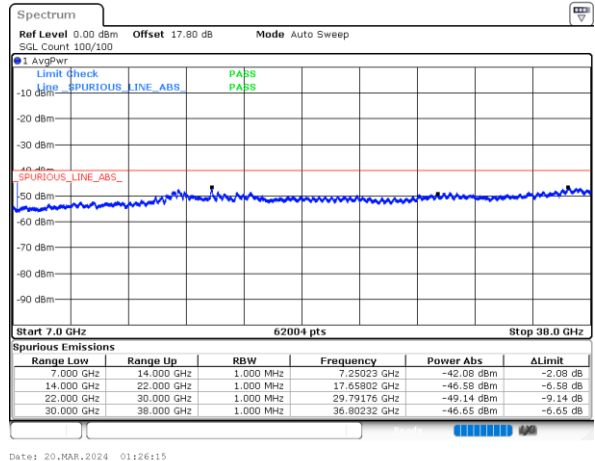
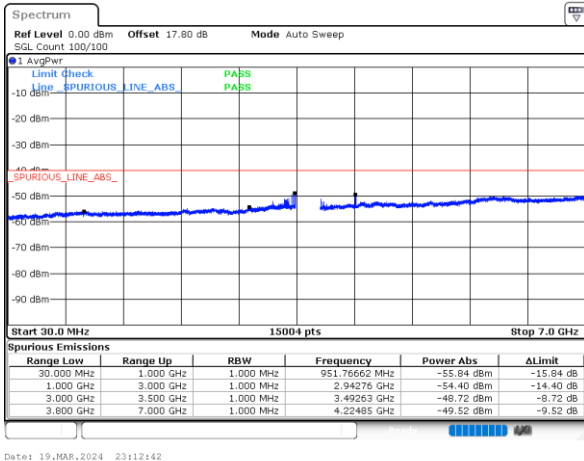
LTE Band 48C / 20MHz+20MHz

QPSK

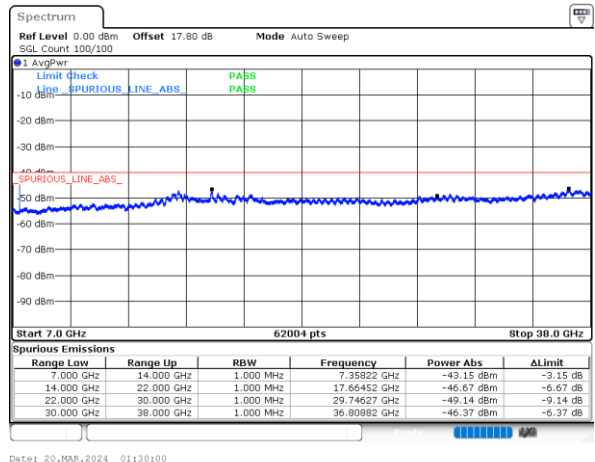
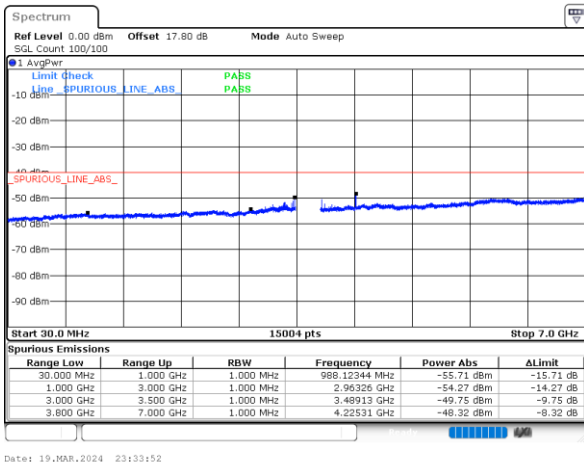
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0





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	10848	-43.83	RMS	39.30	-49.81	0.55	-95.23	61.36	-40.00	-3.83	V	8
2	Part 96	LTE CA B48C	M	10872	-47.61	RMS	39.56	-49.78	0.55	-95.23	57.29	-40.00	-7.61	H	8

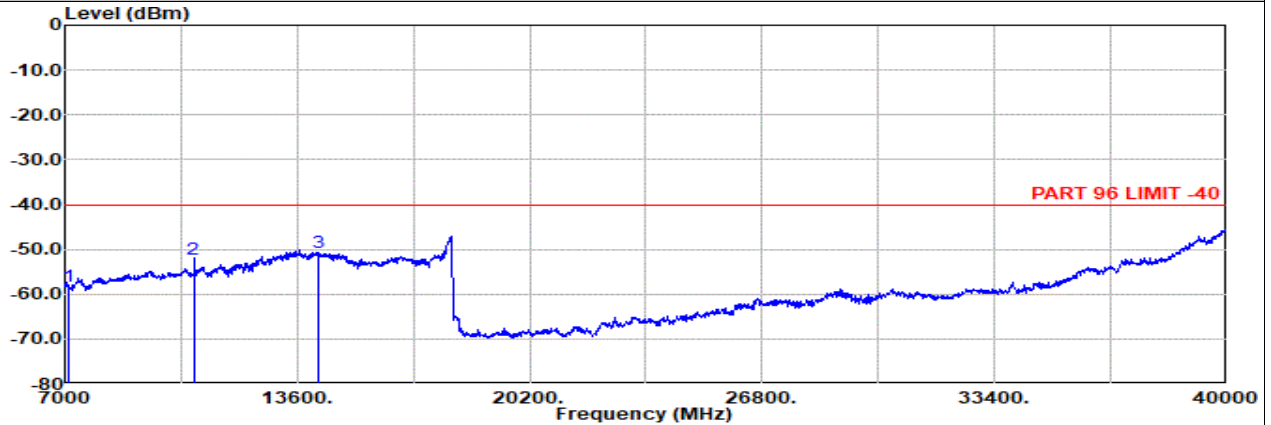


Ant. 8

Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L

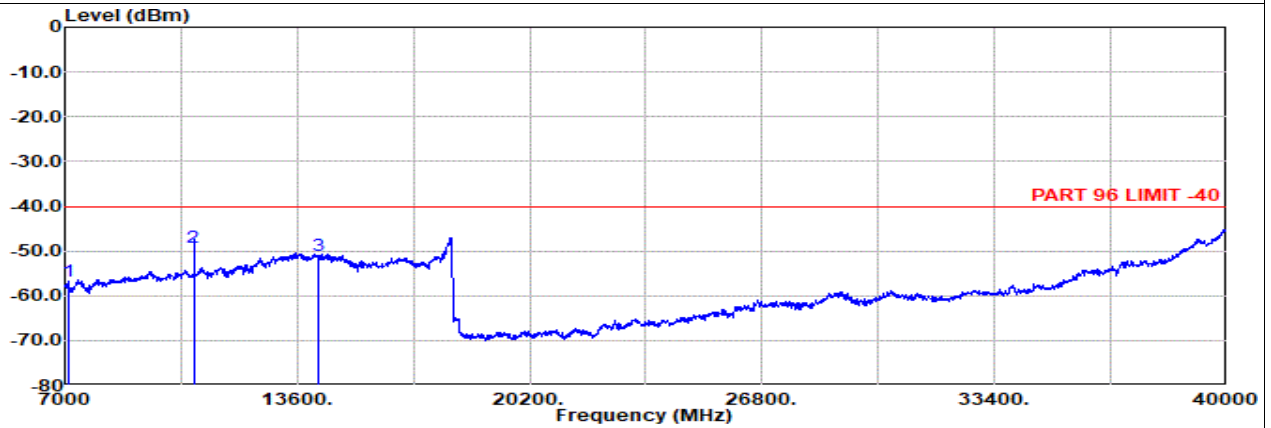


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7102.00	-58.19	RMS	36.52	-51.91	1.17	-95.23	51.26	-40.00	-18.19	Horizontal			
2	10653.00	-52.13	RMS	39.30	-50.06	0.54	-95.23	53.32	-40.00	-12.13	Horizontal			
3	14204.00	-50.58	RMS	41.09	-45.89	0.77	-95.23	48.68	-40.00	-10.58	Horizontal			



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	7102.00	-56.74	RMS	36.52	-51.91	1.17	-95.23	52.71	-40.00	-16.74	Vertical			
2	10653.00	-49.13	RMS	39.30	-50.06	0.54	-95.23	56.32	-40.00	-9.13	Vertical			
3	14204.00	-50.89	RMS	41.09	-45.89	0.77	-95.23	48.37	-40.00	-10.89	Vertical			

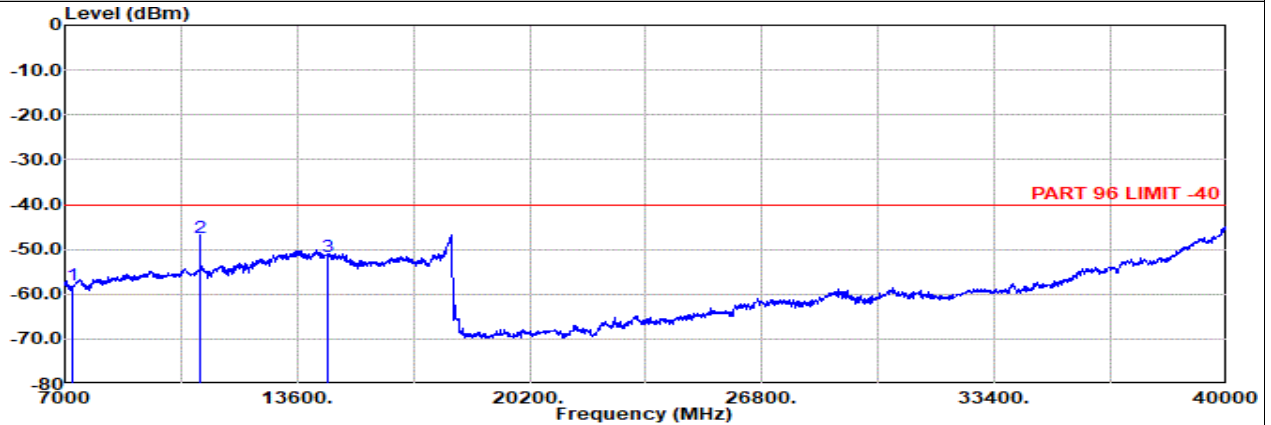


Ant. 8

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M

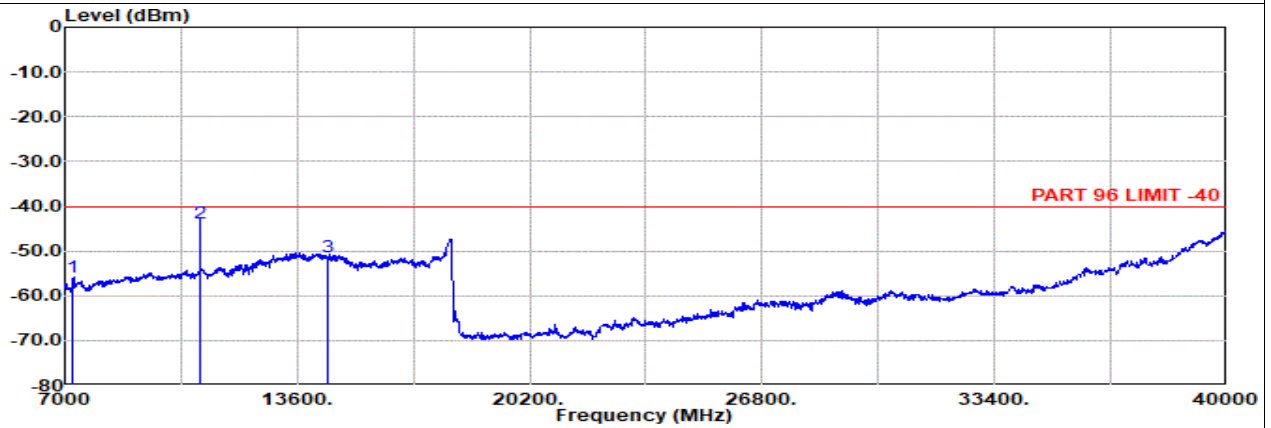


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7232.00	-57.92	RMS	37.16	-51.93	0.99	-95.23	51.09	-40.00	-17.92 Horizontal
2	10848.00	-47.27	RMS	39.30	-49.81	0.55	-95.23	57.92	-40.00	-7.27 Horizontal
3	14464.00	-51.73	RMS	40.80	-45.45	0.78	-95.23	47.37	-40.00	-11.73 Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7232.00	-55.94	RMS	37.16	-51.93	0.99	-95.23	53.07	-40.00	-15.94 Vertical
2	10848.00	-43.83	RMS	39.30	-49.81	0.55	-95.23	61.36	-40.00	-3.83 Vertical
3	14464.00	-51.44	RMS	40.80	-45.45	0.78	-95.23	47.66	-40.00	-11.44 Vertical

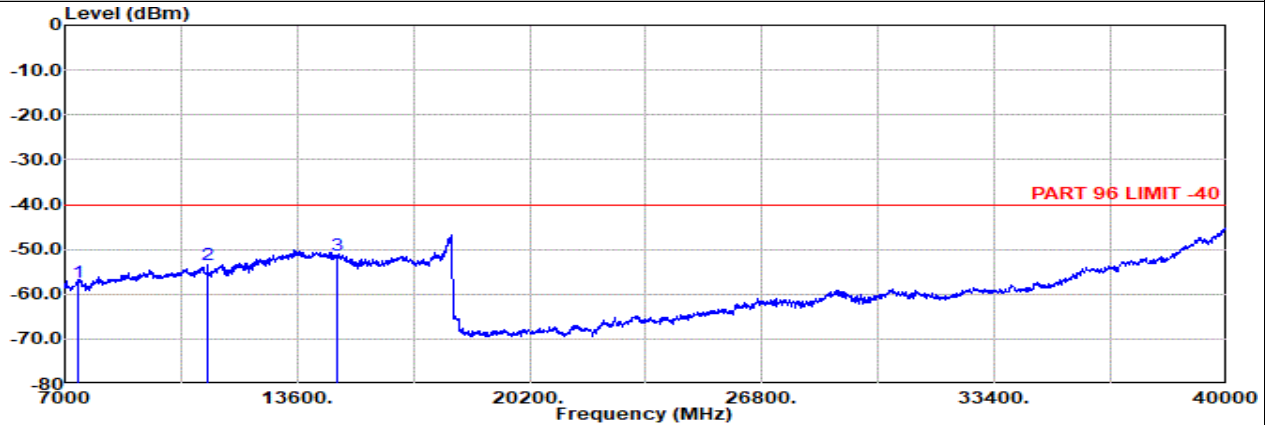


Ant. 8

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H

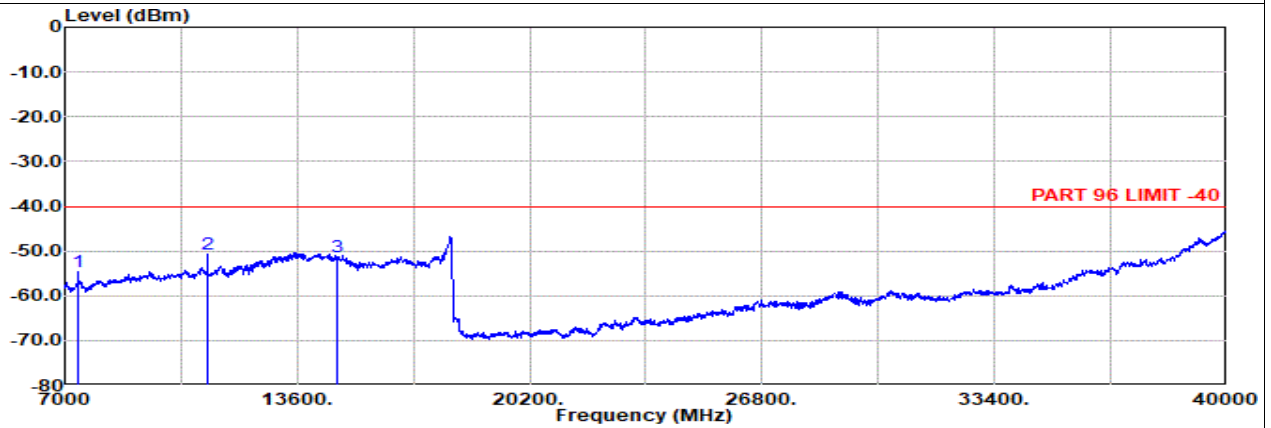


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm								
1	7362.00	-57.39	RMS	36.93	-51.67	0.96	-95.23	51.62	-40.00	-17.39 Horizontal
2	11043.00	-53.47	RMS	38.91	-49.48	0.55	-95.23	51.78	-40.00	-13.47 Horizontal
3	14724.00	-51.20	RMS	40.65	-45.56	0.79	-95.23	48.15	-40.00	-11.20 Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm								
1	7362.00	-54.61	RMS	36.93	-51.67	0.96	-95.23	54.40	-40.00	-14.61 Vertical
2	11043.00	-50.62	RMS	38.91	-49.48	0.55	-95.23	54.63	-40.00	-10.62 Vertical
3	14724.00	-51.28	RMS	40.65	-45.56	0.79	-95.23	48.07	-40.00	-11.28 Vertical

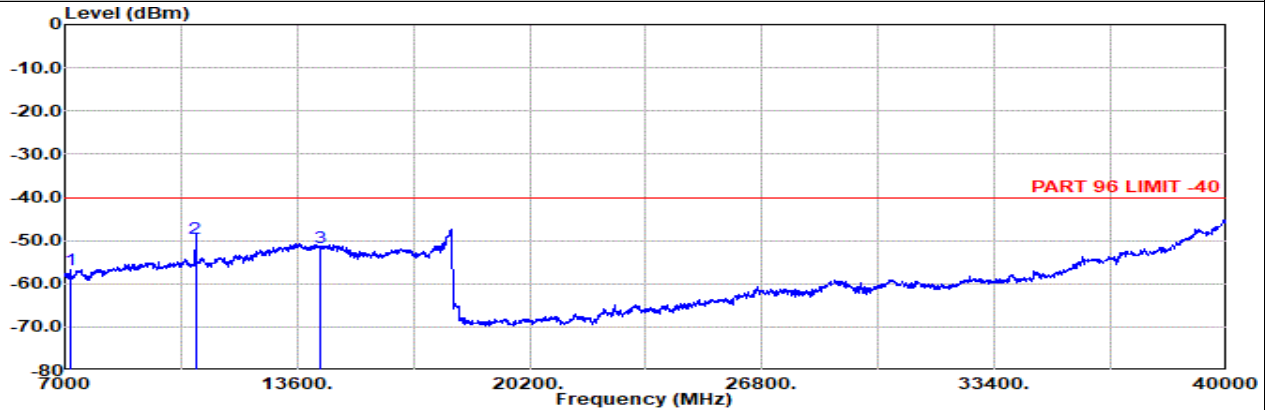


Ant. 8

Part 96 Mode 2

LTE CA B48C 20M + 20M Ch55340 1RB99 QPSK + Ch55538 1RB0 QPSK

L



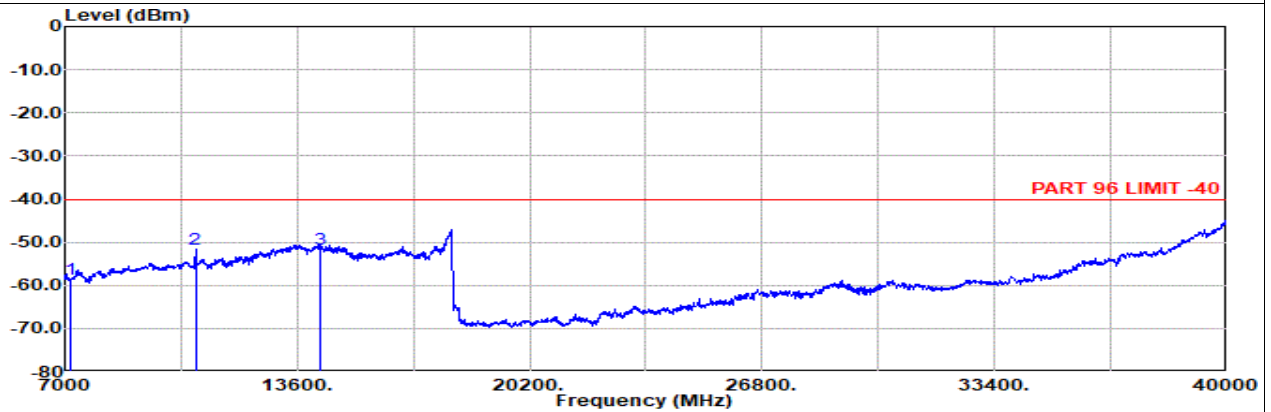
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55340 1RB99 QPSK

: LTE Band 48 20M Ch55538 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	7138.00	-56.76	RMS	36.80	-51.94	1.11	-95.23	52.50	-40.00	-16.76 Horizontal
2	10707.00	-49.39	RMS	39.29	-49.99	0.54	-95.23	56.00	-40.00	-9.39 Horizontal
3	14276.00	-51.73	RMS	40.95	-45.77	0.77	-95.23	47.55	-40.00	-11.73 Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch55340 1RB99 QPSK

: LTE Band 48 20M Ch55538 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	7138.00	-58.59	RMS	36.80	-51.94	1.11	-95.23	50.67	-40.00	-18.59 Vertical
2	10707.00	-51.64	RMS	39.29	-49.99	0.54	-95.23	53.75	-40.00	-11.64 Vertical
3	14276.00	-51.59	RMS	40.95	-45.77	0.77	-95.23	47.69	-40.00	-11.59 Vertical

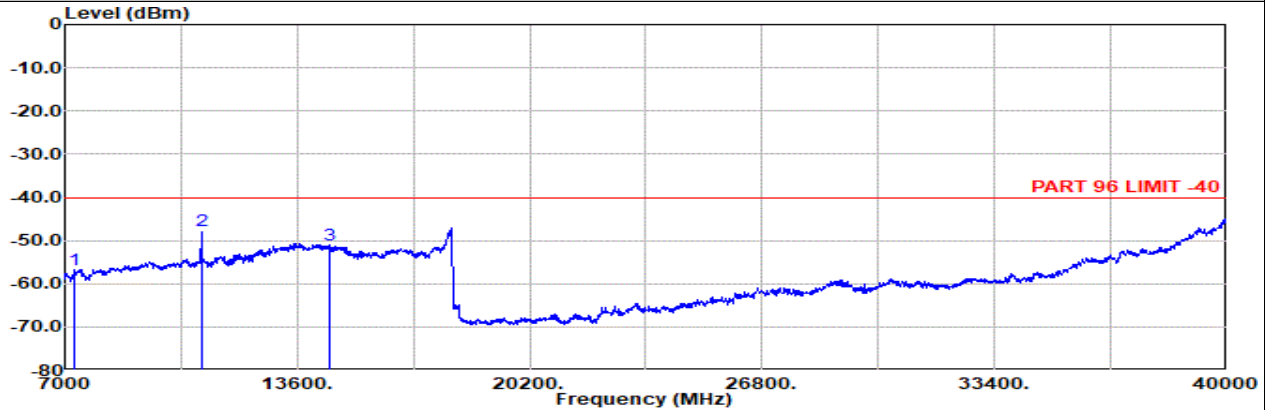


Ant. 8

Part 96 Mode 2

LTE CA B48C 20M + 20M Ch55891 1RB99 QPSK + Ch56089 1RB0 QPSK

M



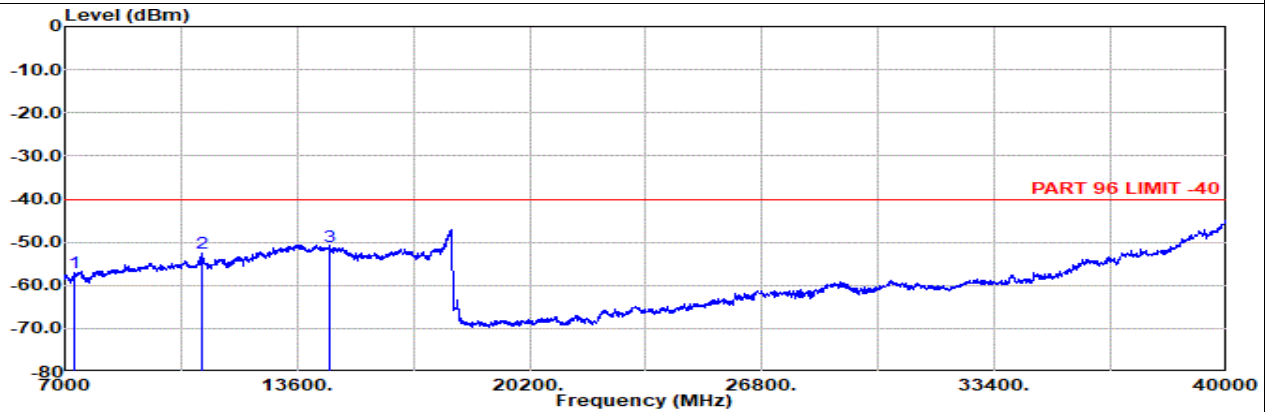
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55891 1RB99 QPSK

: LTE Band 48 20M Ch56089 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	7248.00	-56.79	RMS	37.20	-51.89	0.99	-95.23	52.14	-40.00	-16.79 Horizontal
2	10872.00	-47.61	RMS	39.56	-49.78	0.55	-95.23	57.29	-40.00	-7.61 Horizontal
3	14496.00	-50.91	RMS	40.80	-45.40	0.78	-95.23	48.14	-40.00	-10.91 Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch55891 1RB99 QPSK

: LTE Band 48 20M Ch56089 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	7248.00	-57.09	RMS	37.20	-51.89	0.99	-95.23	51.84	-40.00	-17.09 Vertical
2	10872.00	-52.44	RMS	39.56	-49.78	0.55	-95.23	52.46	-40.00	-12.44 Vertical
3	14496.00	-51.08	RMS	40.80	-45.40	0.78	-95.23	47.97	-40.00	-11.08 Vertical

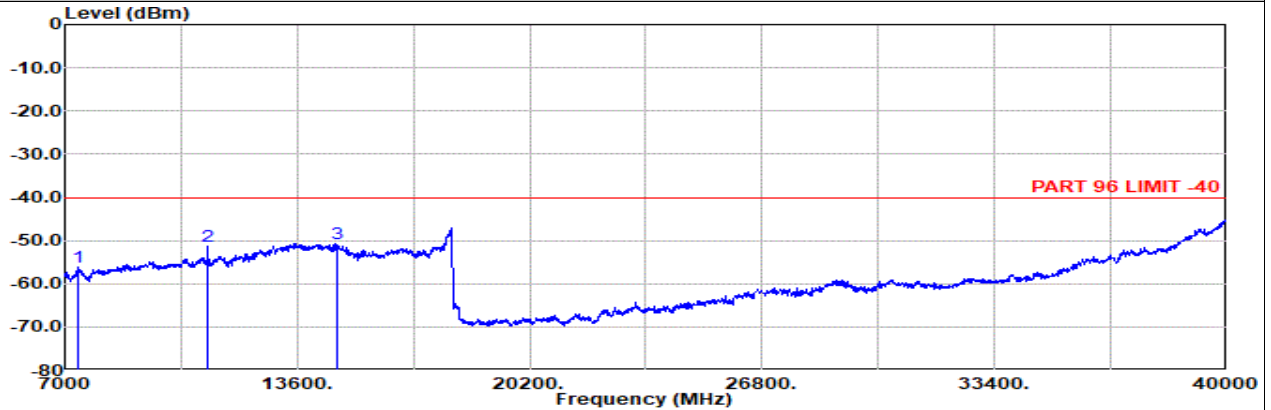


Ant. 8

Part 96 Mode 2

LTE CA B48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



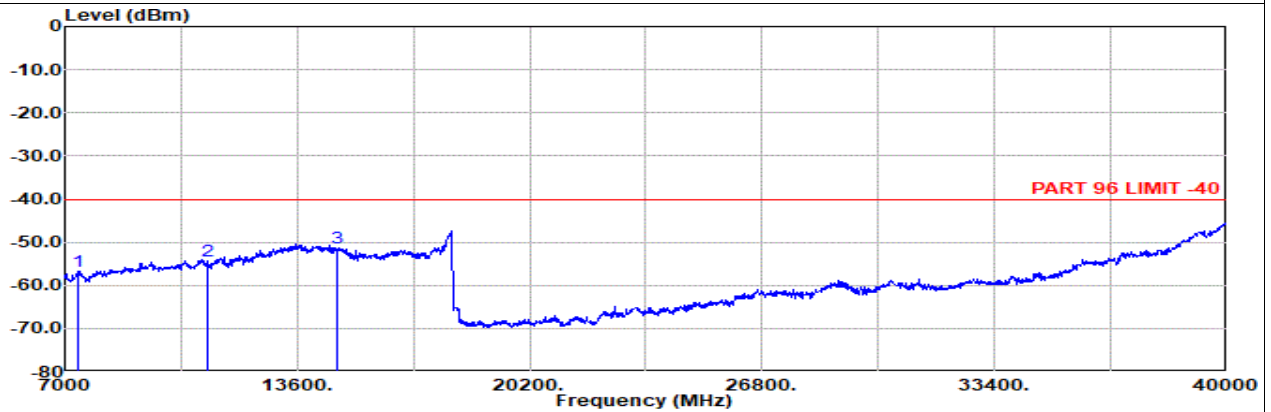
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	7358.00	-56.18	RMS		36.95	-51.68	0.96	-95.23	52.82	-40.00	-16.18	Horizontal
2	11037.00	-51.45	RMS		38.93	-49.50	0.55	-95.23	53.80	-40.00	-11.45	Horizontal
3	14716.00	-50.85	RMS		40.67	-45.55	0.79	-95.23	48.47	-40.00	-10.85	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 48 20M Ch56442 1RB99 QPSK

: LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	7358.00	-56.69	RMS		36.95	-51.68	0.96	-95.23	52.31	-40.00	-16.69	Vertical
2	11037.00	-54.47	RMS		38.93	-49.50	0.55	-95.23	50.78	-40.00	-14.47	Vertical
3	14716.00	-51.23	RMS		40.67	-45.55	0.79	-95.23	48.09	-40.00	-11.23	Vertical

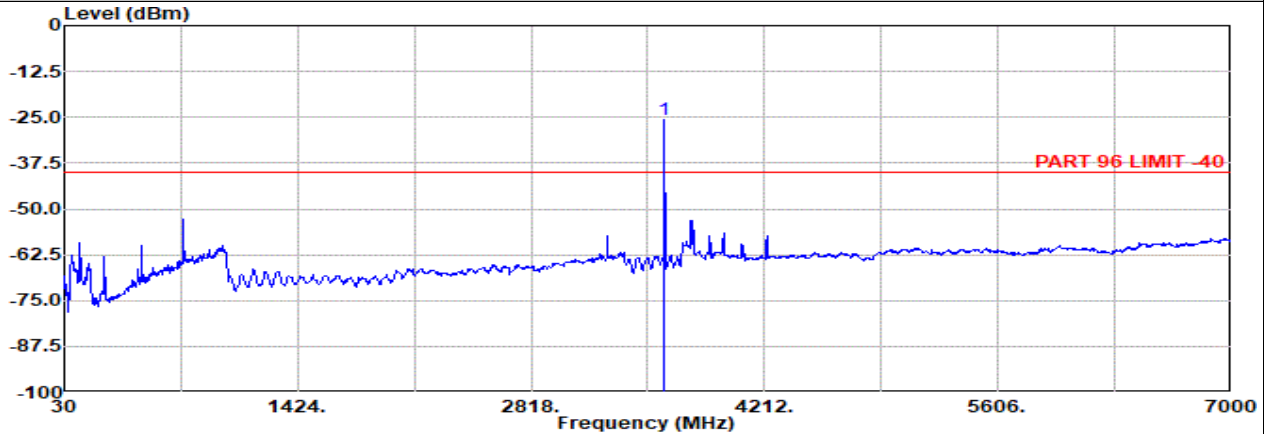


Ant. 8

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M



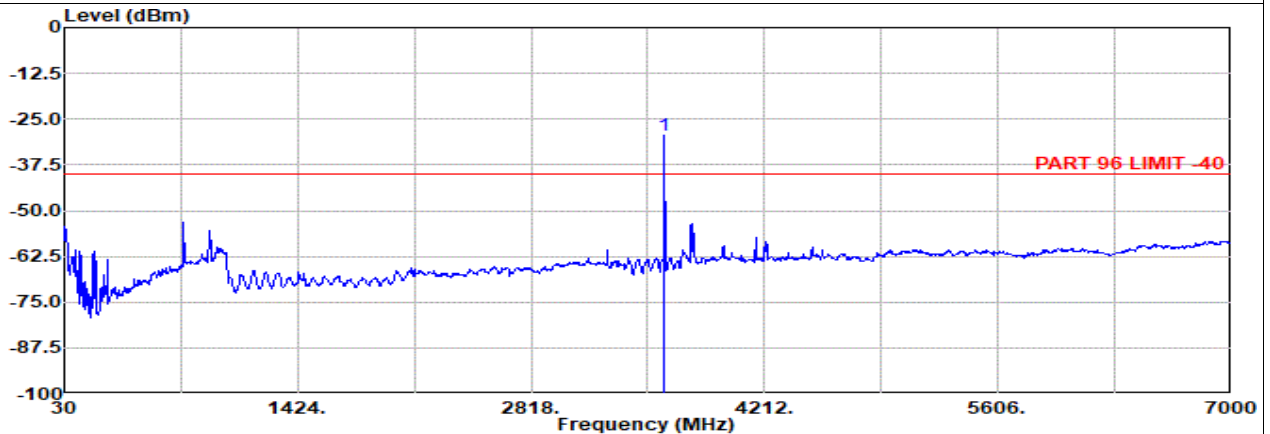
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3616.09	-25.72	RMS	--	9.34	0.00	-95.23	560.17	-40.00	14.28	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3616.09	-29.54	RMS	--	9.34	0.00	-95.23	556.35	-40.00	10.46	Vertical

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