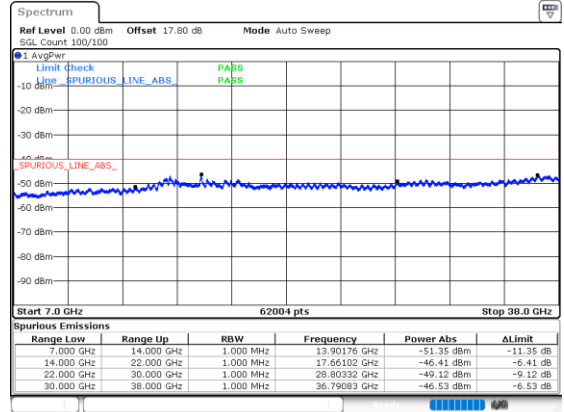
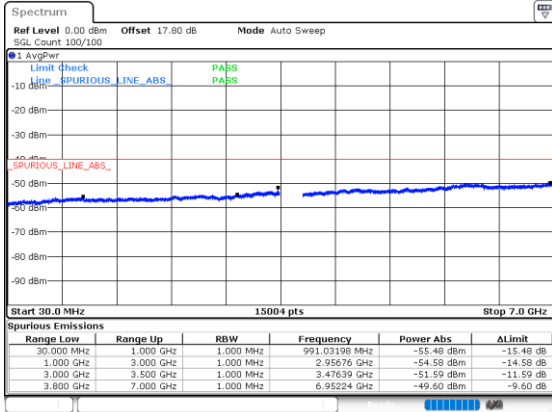




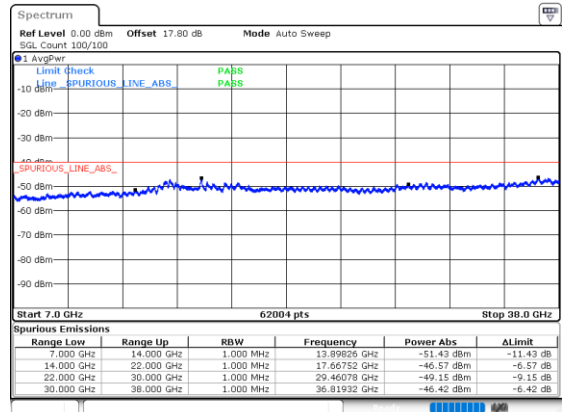
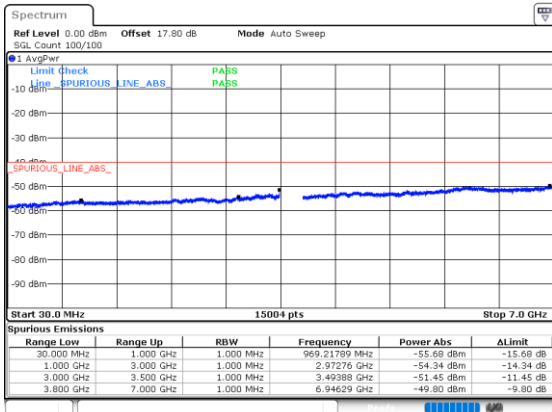
LTE Band 48C / 20MHz+20MHz

QPSK

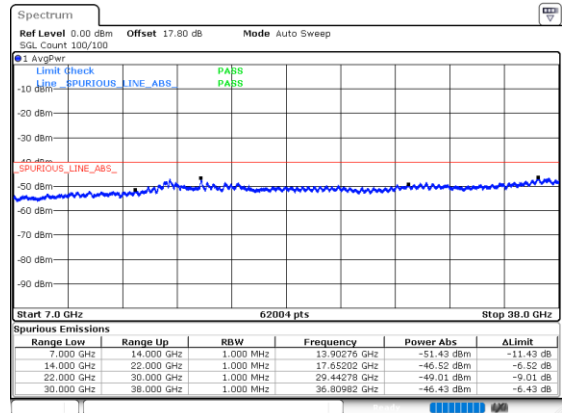
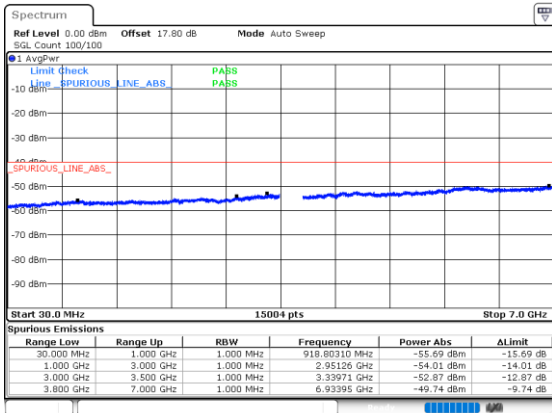
Lowest Channel / 1RB0 and 1RB99



MiddleChannel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

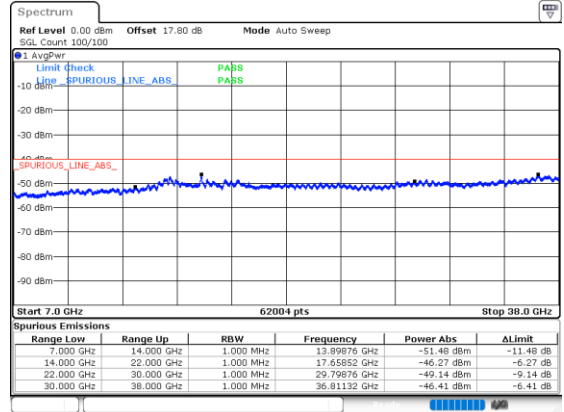
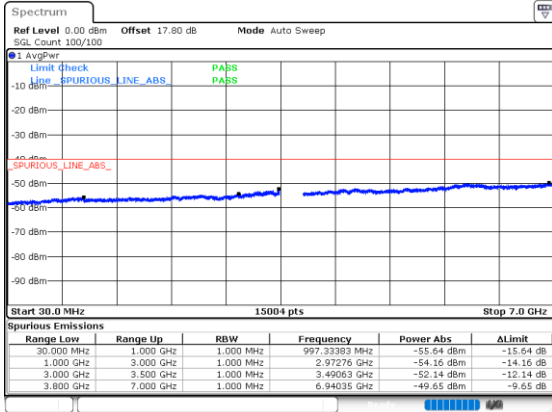




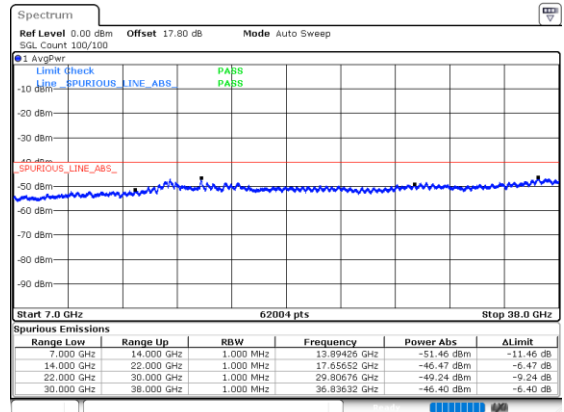
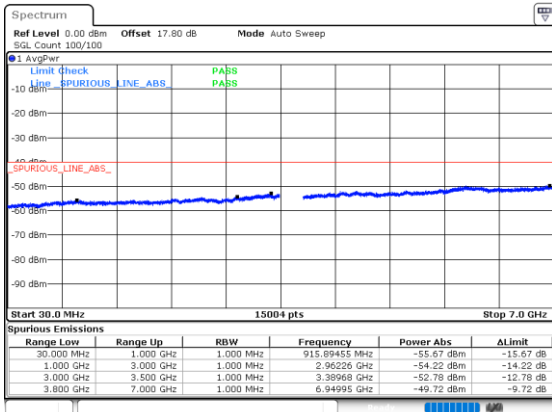
LTE Band 48C / 20MHz+20MHz

QPSK

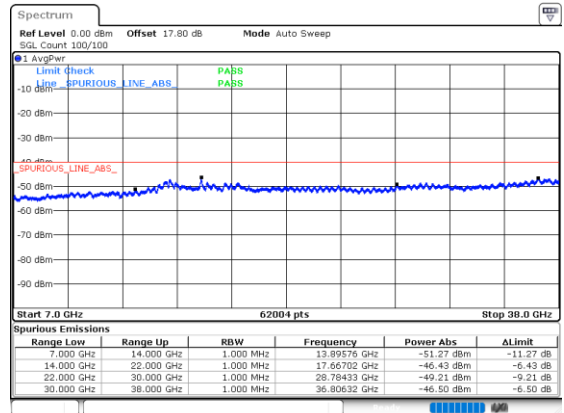
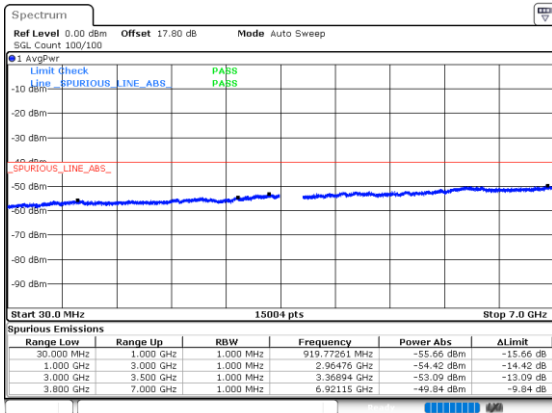
Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99 and 1RB0





Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

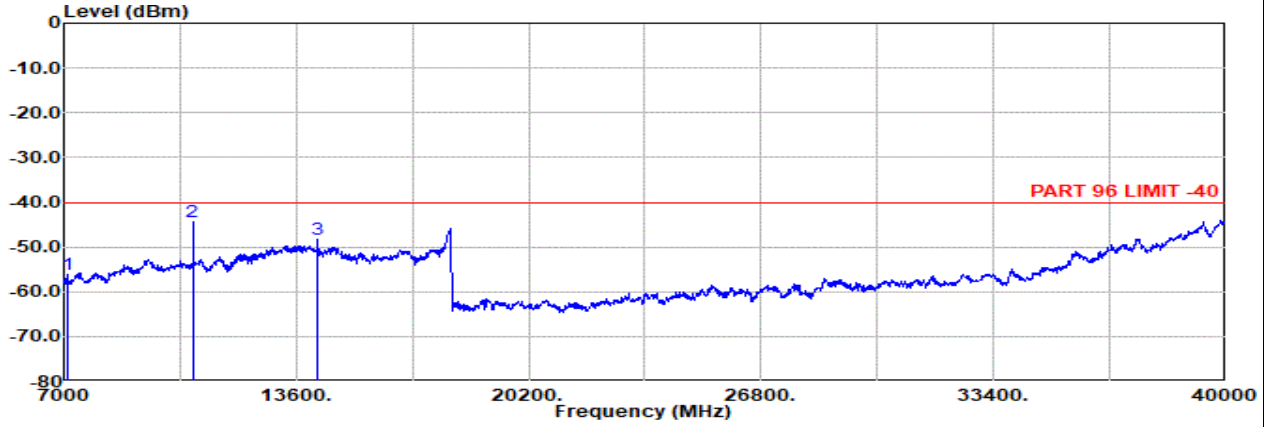
Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
169	Part 96	LTE B48	L	10653	-44.29	RMS	39.30	-50.06	0.26	-95.23	61.44	-40.00	-4.29	H	2
170	Part 96	LTE B48	M	14464	-45.24	RMS	40.80	-45.45	0.44	-95.23	54.20	-40.00	-5.24	V	0
171	Part 96	LTE B48	M	10848	-46.42	RMS	39.30	-49.81	0.27	-95.23	59.05	-40.00	-6.42	V	1
172	Part 96	LTE B48	M	10848	-45.45	RMS	39.30	-49.81	0.27	-95.23	60.02	-40.00	-5.45	V	3
173	Part 96	LTE CA B48C	H	14716	-50.28	RMS	40.67	-45.55	0.42	-95.23	49.41	-40.00	-10.28	V	2
174	Part 96	LTE CA B48C	M	14496	-48.59	RMS	40.80	-45.40	0.44	-95.23	50.80	-40.00	-8.59	V	0
175	Part 96	LTE CA B48C	M	14496	-50.01	RMS	40.80	-45.40	0.44	-95.23	49.38	-40.00	-10.01	H	1
176	Part 96	LTE CA B48C	M	14496	-50.22	RMS	40.80	-45.40	0.44	-95.23	49.17	-40.00	-10.22	H	3



Ant. 2

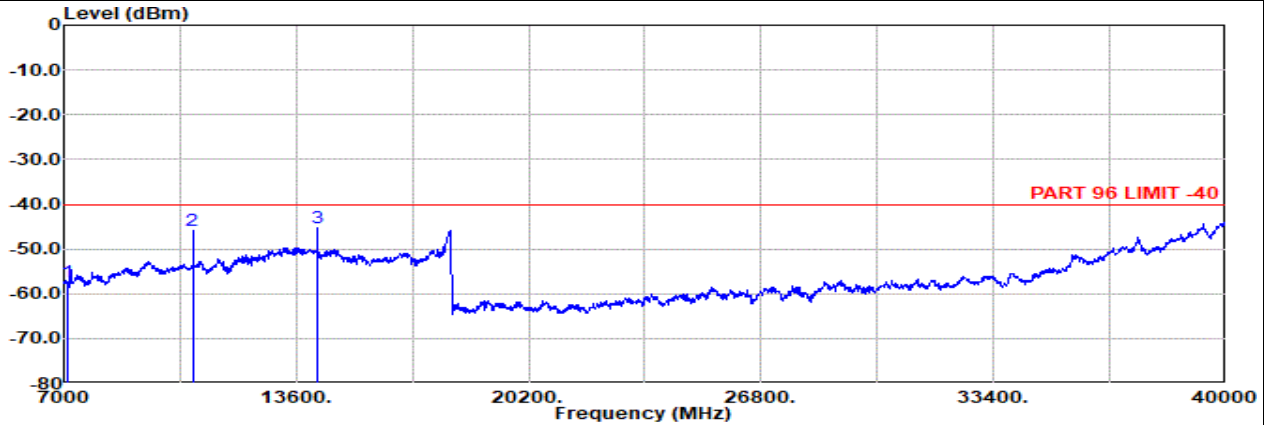
Part 96 Mode 169
LTE B48 20M Ch55340 1RB0 QPSK

L



Site : 03CH12-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
 : LTE Band 48 20M Ch55340 1RB0 QPSK

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
				Factor	1						
				dB/m	dB	dB	dB	dBm	dB		
1	7102.00	-56.16	RMS	36.52	-51.91	0.90	-95.23	53.56	-40.00	-16.16	Horizontal
2	10653.00	-44.29	RMS	39.30	-50.06	0.26	-95.23	61.44	-40.00	-4.29	Horizontal
3	14204.00	-48.18	RMS	41.09	-45.89	0.45	-95.23	51.40	-40.00	-8.18	Horizontal



Site : 03CH12-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch55340 1RB0 QPSK

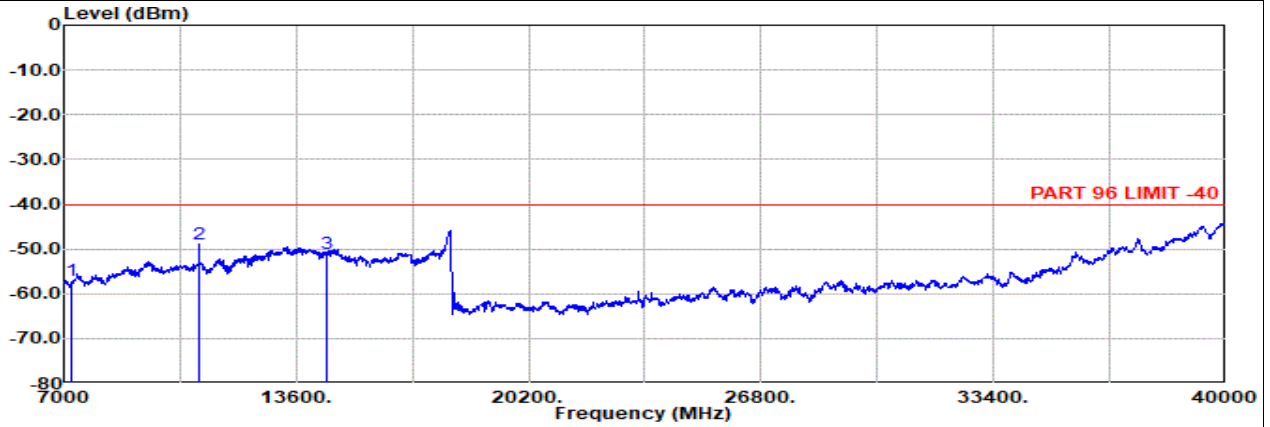
1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
				Factor	1						
				dB/m	dB	dB	dB	dBm	dB		
1	7102.00	-57.26	RMS	36.52	-51.91	0.90	-95.23	52.46	-40.00	-17.26	Vertical
2	10653.00	-45.97	RMS	39.30	-50.06	0.26	-95.23	59.76	-40.00	-5.97	Vertical
3	14204.00	-45.30	RMS	41.09	-45.89	0.45	-95.23	54.28	-40.00	-5.30	Vertical



Ant. 2

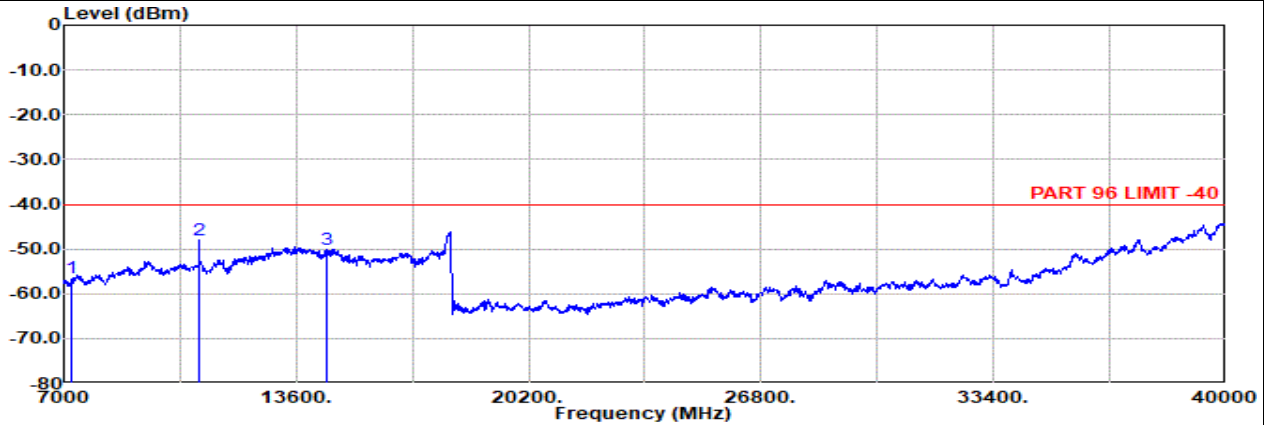
Part 96 Mode 169
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			dB	dB		
1	7232.00	-56.94	RMS	37.16	-51.93	0.88	-95.23	52.18	-40.00	-16.94	Horizontal
2	10848.00	-48.97	RMS	39.30	-49.81	0.27	-95.23	56.50	-40.00	-8.97	Horizontal
3	14464.00	-50.96	RMS	40.80	-45.45	0.44	-95.23	48.48	-40.00	-10.96	Horizontal



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

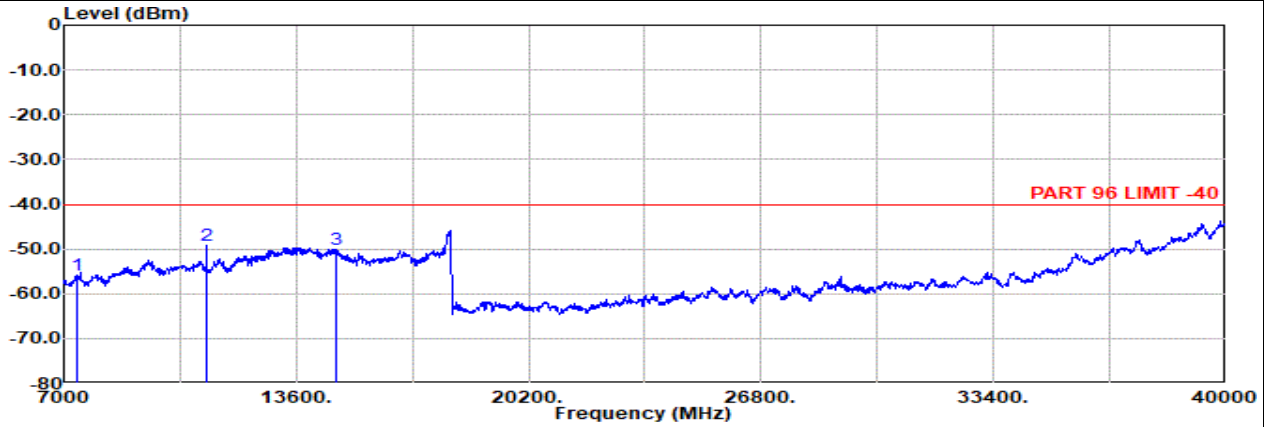
	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			dB	dB		
1	7232.00	-56.38	RMS	37.16	-51.93	0.88	-95.23	52.74	-40.00	-16.38	Vertical
2	10848.00	-47.94	RMS	39.30	-49.81	0.27	-95.23	57.53	-40.00	-7.94	Vertical
3	14464.00	-50.19	RMS	40.80	-45.45	0.44	-95.23	49.25	-40.00	-10.19	Vertical



Ant. 2

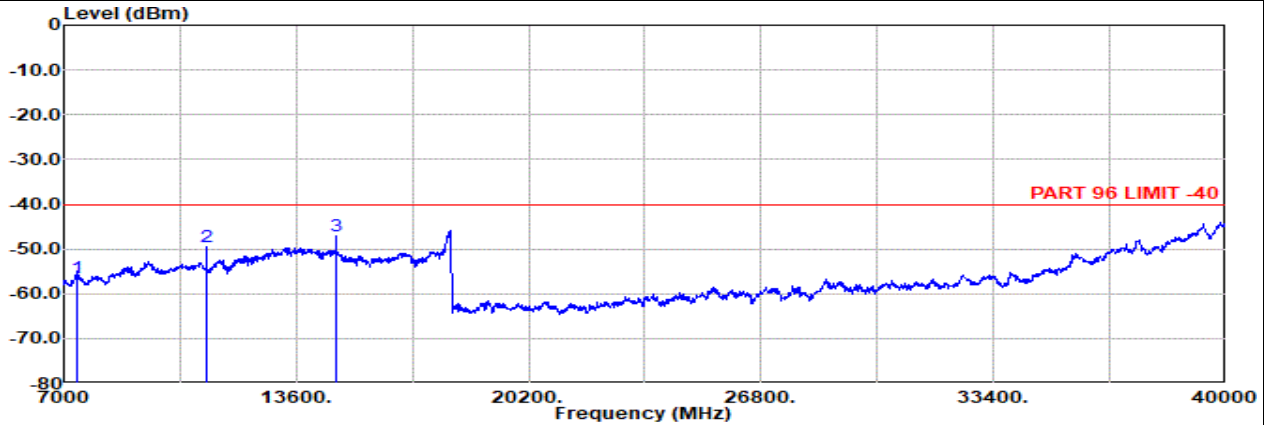
Part 96 Mode 169
LTE B48 20M Ch56640 1RB0 QPSK

H



Site : 03CH12-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
 : LTE Band 48 20M Ch56640 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
				Factor	1						
1	7362.00	-55.87	RMS	36.93	-51.67	0.83	-95.23	53.27	-40.00	-15.87	Horizontal
2	11043.00	-49.26	RMS	38.91	-49.48	0.28	-95.23	56.26	-40.00	-9.26	Horizontal
3	14724.00	-50.26	RMS	40.65	-45.56	0.42	-95.23	49.46	-40.00	-10.26	Horizontal



Site : 03CH12-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch56640 1RB0 QPSK

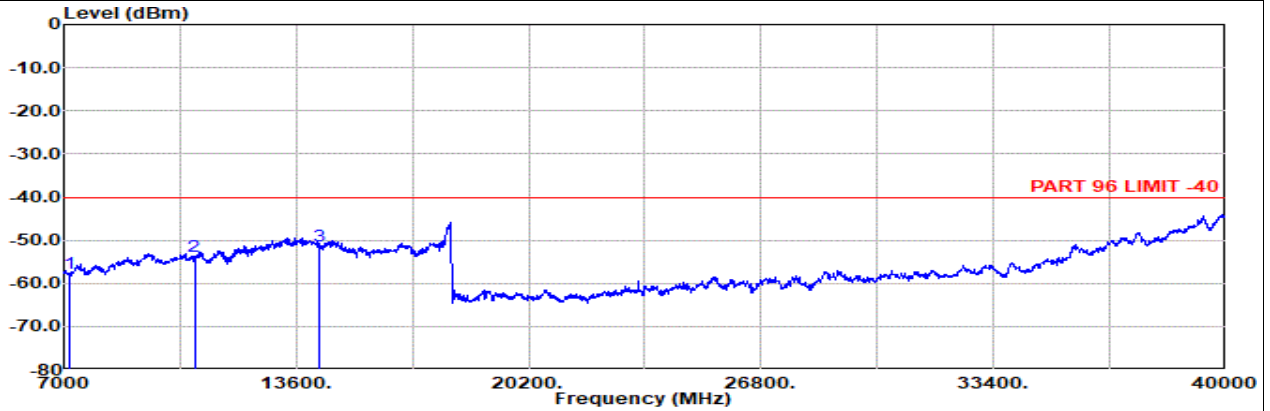
	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol	
				Factor	1						
1	7362.00	-56.31	RMS	36.93	-51.67	0.83	-95.23	52.83	-40.00	-16.31	Vertical
2	11043.00	-49.65	RMS	38.91	-49.48	0.28	-95.23	55.87	-40.00	-9.65	Vertical
3	14724.00	-47.23	RMS	40.65	-45.56	0.42	-95.23	52.49	-40.00	-7.23	Vertical



Ant. 2

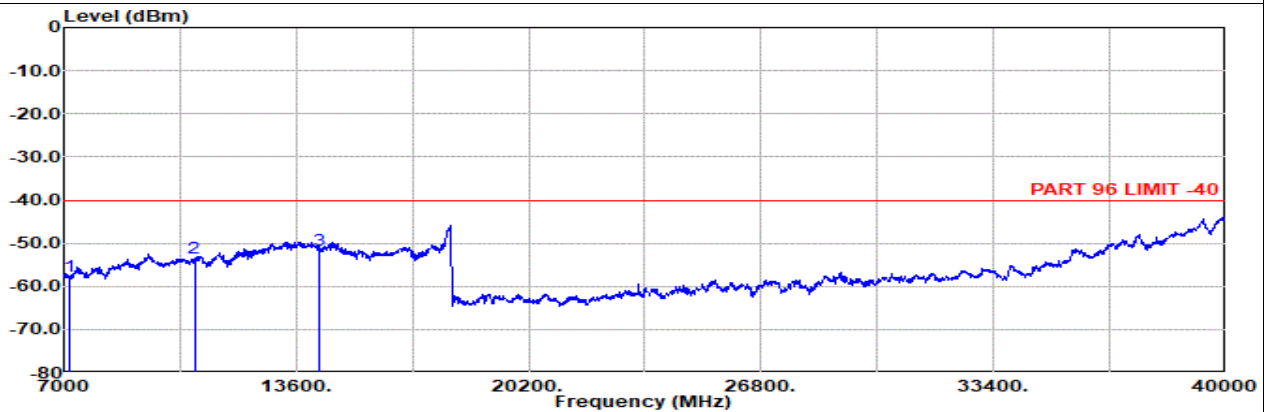
Part 96 Mode 173
LTE CA B48C Ch55340 + Ch55538

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

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7138.00	-57.59	RMS	36.80	-51.94	0.90	-95.23	51.88	-40.00	-17.59	Horizontal
2	10707.00	-53.70	RMS	39.29	-49.99	0.26	-95.23	51.97	-40.00	-13.70	Horizontal
3	14276.00	-51.22	RMS	40.95	-45.77	0.45	-95.23	48.38	-40.00	-11.22	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

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7138.00	-57.65	RMS	36.80	-51.94	0.90	-95.23	51.82	-40.00	-17.65	Vertical
2	10707.00	-53.49	RMS	39.29	-49.99	0.26	-95.23	52.18	-40.00	-13.49	Vertical
3	14276.00	-51.63	RMS	40.95	-45.77	0.45	-95.23	47.97	-40.00	-11.63	Vertical

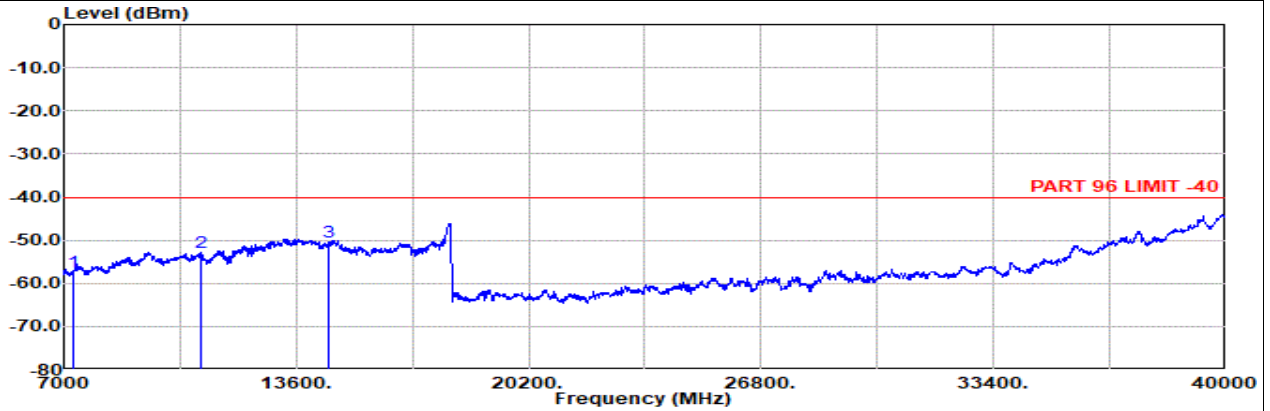


Ant. 2

Part 96 Mode 173

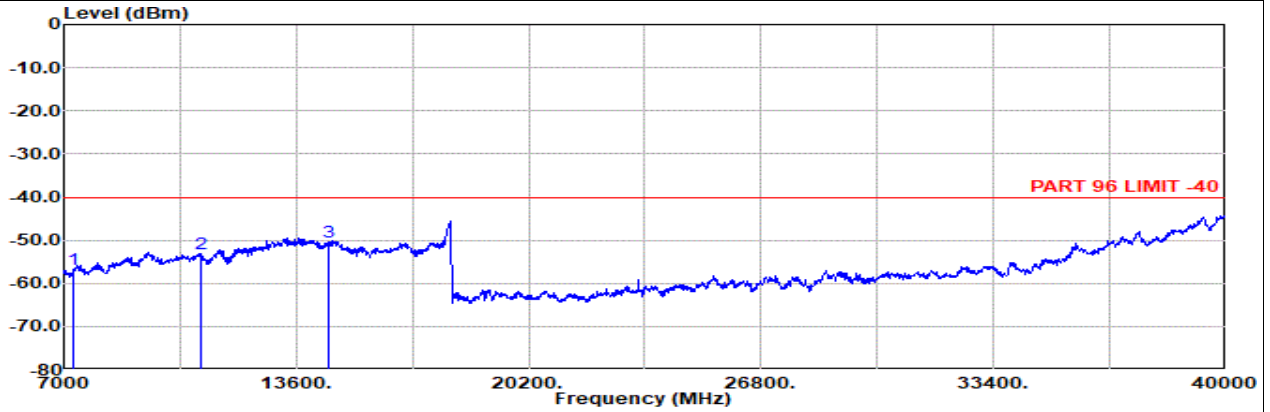
LTE CA B48C Ch55891 + Ch56089

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
				Factor	dB/m	dB	dB					
1	7248.00	-57.35	RMS	37.20	-51.89	0.87	-95.23	51.70	-40.00	-17.35	Horizontal	
2	10872.00	-52.79	RMS	39.56	-49.78	0.27	-95.23	52.39	-40.00	-12.79	Horizontal	
3	14496.00	-50.35	RMS	40.80	-45.40	0.44	-95.23	49.04	-40.00	-10.35	Horizontal	

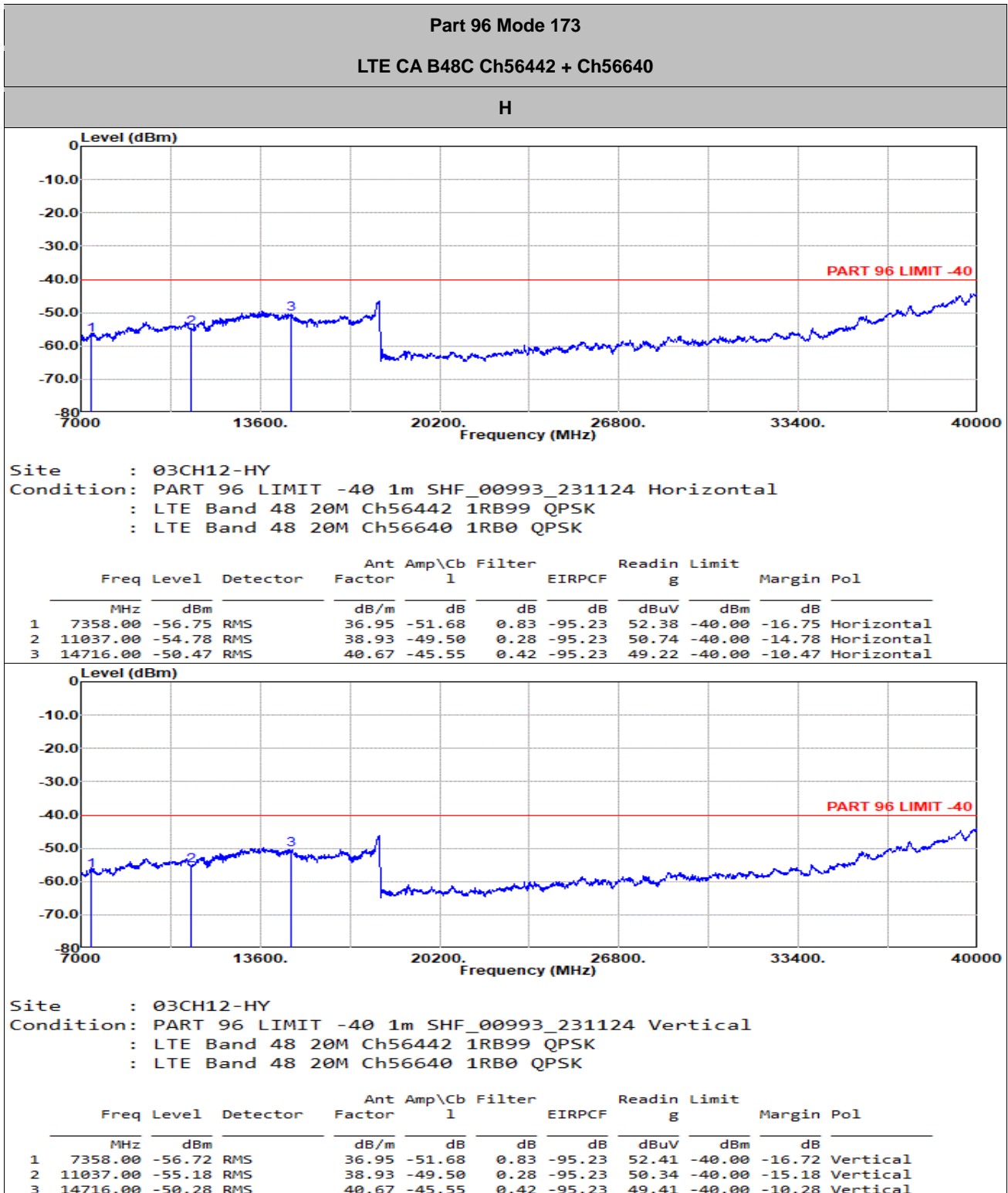


Site : 03CH12-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch55891 1RB99 QPSK
 : LTE Band 48 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter				EIRPCF	Readin	Limit	Margin	Pol
				Factor	dB/m	dB	dB					
1	7248.00	-56.71	RMS	37.20	-51.89	0.87	-95.23	52.34	-40.00	-16.71	Vertical	
2	10872.00	-53.03	RMS	39.56	-49.78	0.27	-95.23	52.15	-40.00	-13.03	Vertical	
3	14496.00	-50.30	RMS	40.80	-45.40	0.44	-95.23	49.09	-40.00	-10.30	Vertical	



Ant. 2

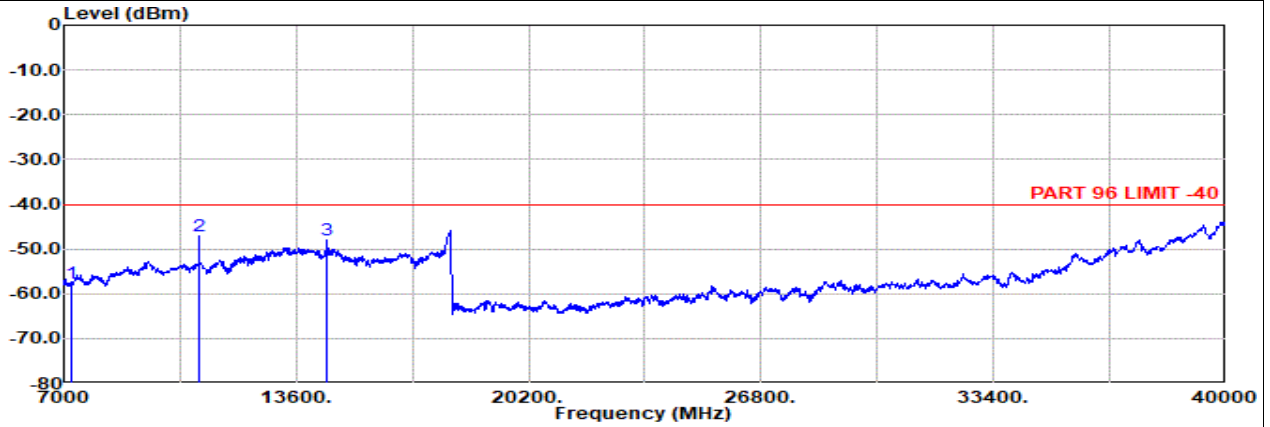




Ant. 0

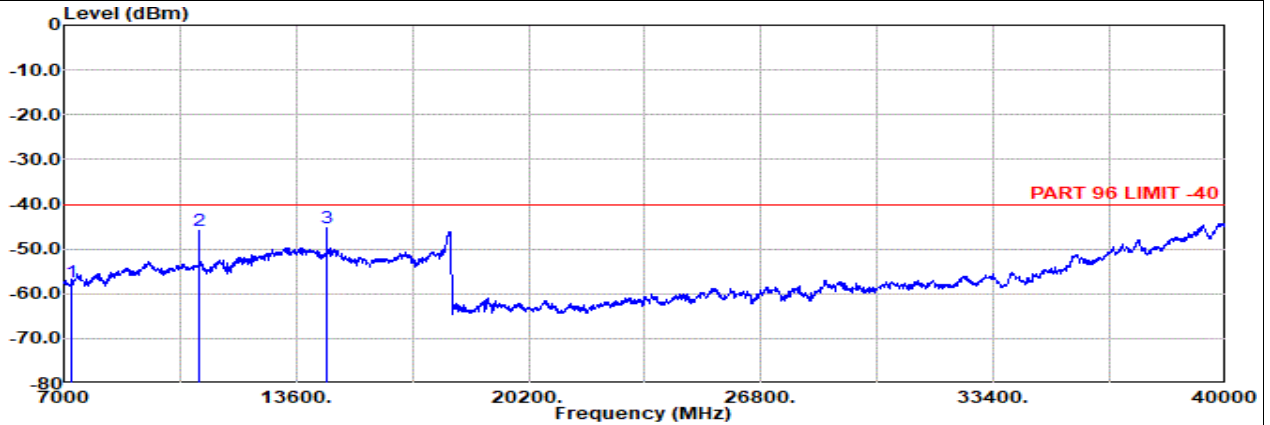
Part 96 Mode 170
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g	dBm		
1	7232.00	-57.60	RMS	37.16	-51.93	0.88	-95.23	51.52	-40.00	-17.60	Horizontal
2	10848.00	-47.23	RMS	39.30	-49.81	0.27	-95.23	58.24	-40.00	-7.23	Horizontal
3	14464.00	-48.00	RMS	40.80	-45.45	0.44	-95.23	51.44	-40.00	-8.00	Horizontal



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

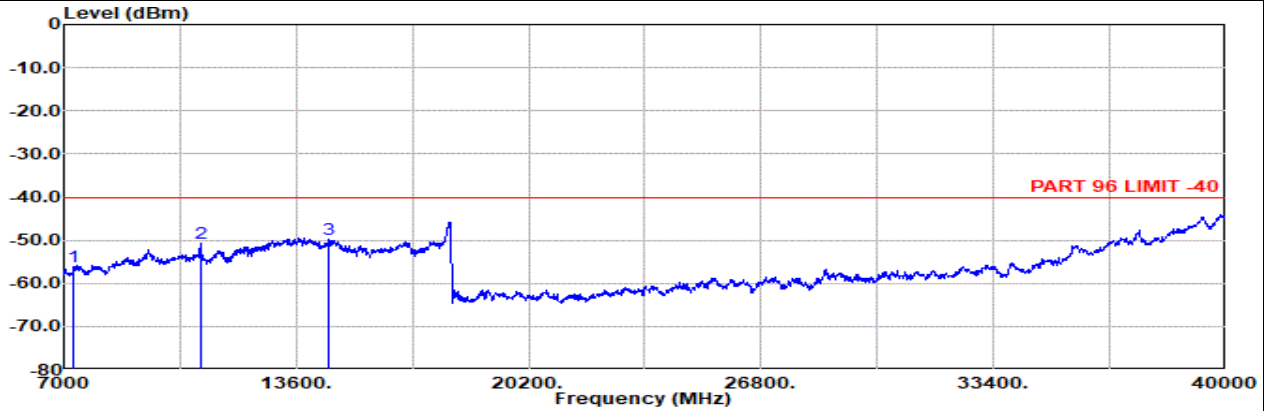
	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			g	dBm		
1	7232.00	-57.38	RMS	37.16	-51.93	0.88	-95.23	51.74	-40.00	-17.38	Vertical
2	10848.00	-45.88	RMS	39.30	-49.81	0.27	-95.23	59.59	-40.00	-5.88	Vertical
3	14464.00	-45.24	RMS	40.80	-45.45	0.44	-95.23	54.20	-40.00	-5.24	Vertical



Ant. 0

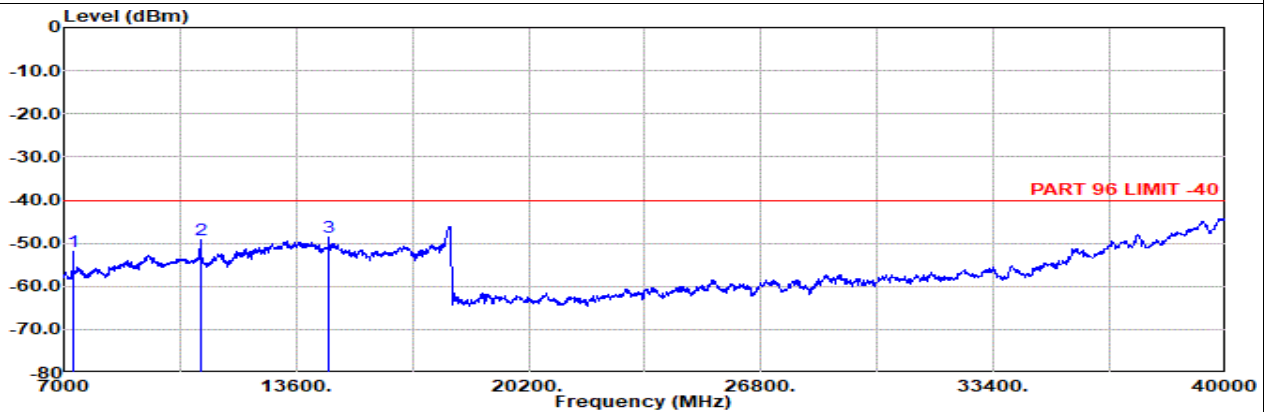
Part 96 Mode 174
LTE CA B48C Ch55891 + Ch56089

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	Reading	Limit		Margin	Pol
				Factor	1			dBm	dBm		
1	7248.00	-56.11	RMS	37.20	-51.89	0.87	-95.23	52.94	-40.00	-16.11	Horizontal
2	10872.00	-50.67	RMS	39.56	-49.78	0.27	-95.23	54.51	-40.00	-10.67	Horizontal
3	14496.00	-49.76	RMS	40.80	-45.40	0.44	-95.23	49.63	-40.00	-9.76	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

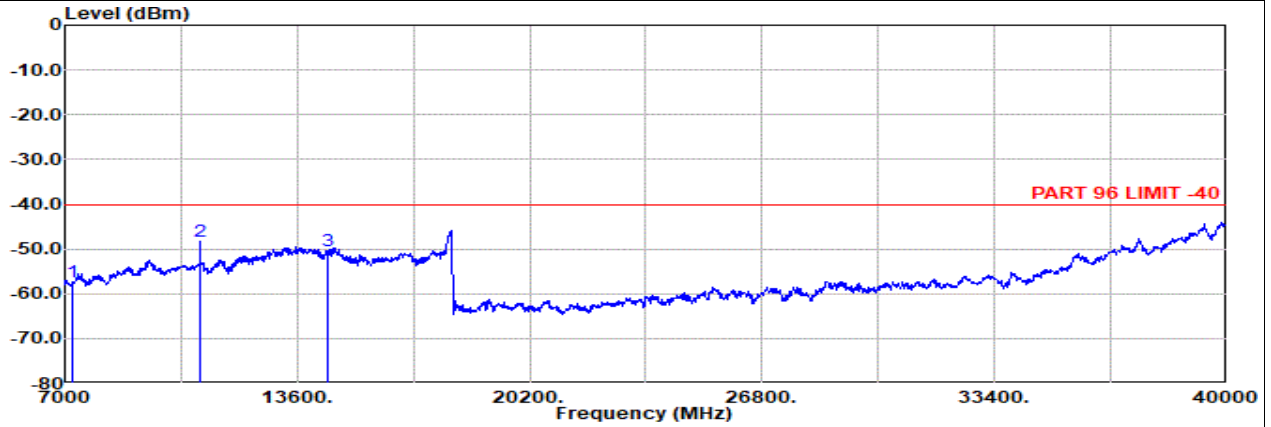
	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit		Margin	Pol
				Factor	1			dBm	dBm		
1	7248.00	-51.96	RMS	37.20	-51.89	0.87	-95.23	57.09	-40.00	-11.96	Vertical
2	10872.00	-49.30	RMS	39.56	-49.78	0.27	-95.23	55.88	-40.00	-9.30	Vertical
3	14496.00	-48.59	RMS	40.80	-45.40	0.44	-95.23	50.80	-40.00	-8.59	Vertical



Ant. 1

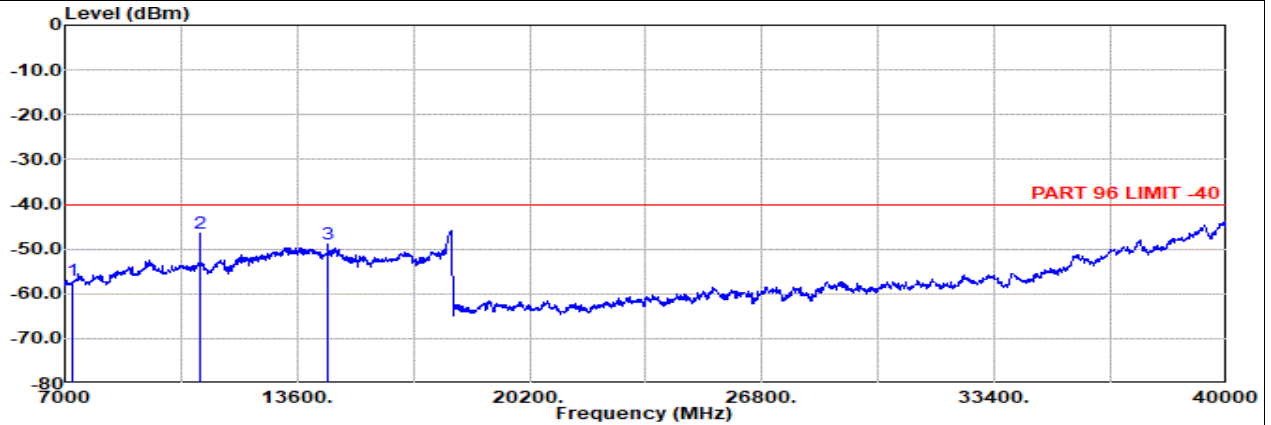
Part 96 Mode 171
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55990 1RB0 QPSK

Table with 11 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. Contains 3 rows of data for horizontal polarization.



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

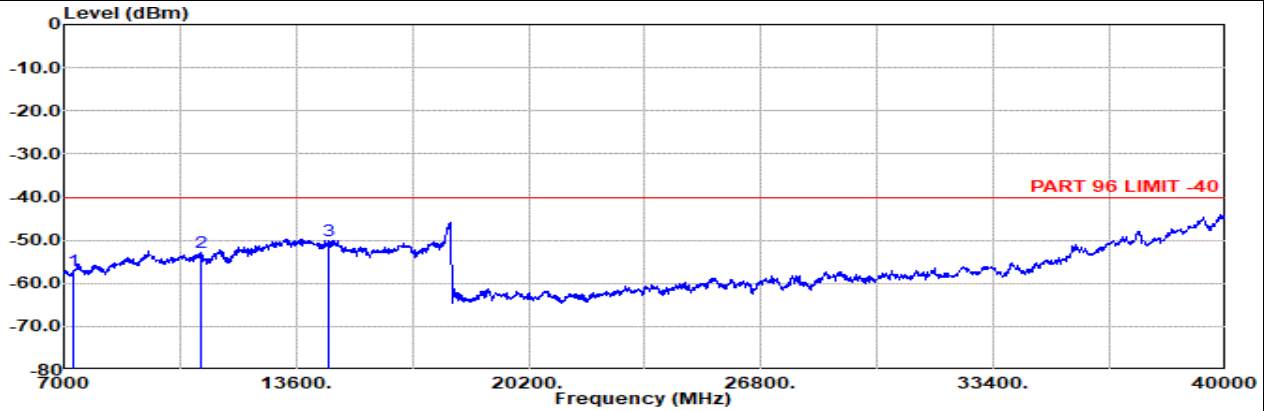
Table with 11 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. Contains 3 rows of data for vertical polarization.



Ant. 1

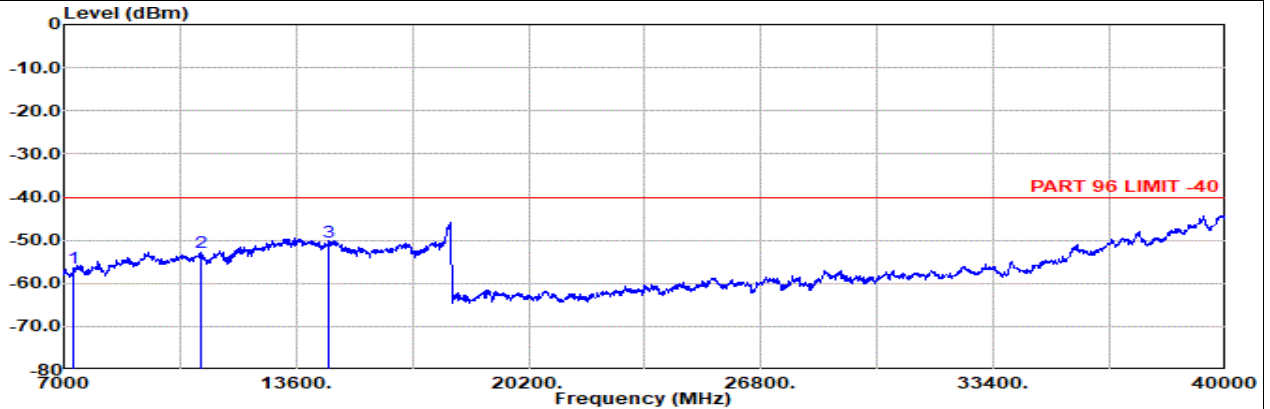
Part 96 Mode 175
LTE CA B48C Ch55891 + Ch56089

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	Reading	Limit	Margin	Pol
				Factor	dB/m	dB	dB					
1	7248.00	-57.12	RMS	37.20	-51.89	0.87	-95.23	51.93	-40.00	-17.12	Horizontal	
2	10872.00	-52.82	RMS	39.56	-49.78	0.27	-95.23	52.36	-40.00	-12.82	Horizontal	
3	14496.00	-50.01	RMS	40.80	-45.40	0.44	-95.23	49.38	-40.00	-10.01	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

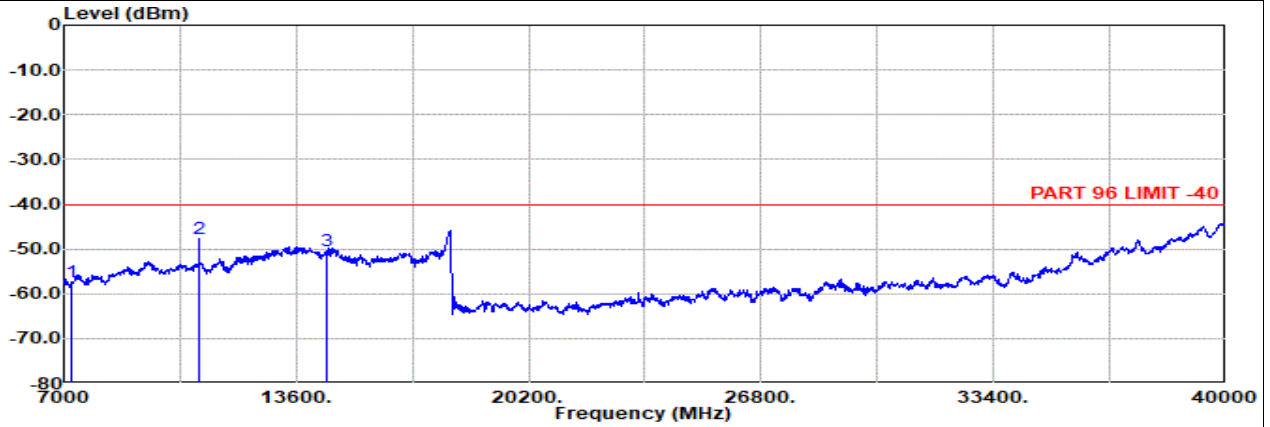
	Freq	Level	Detector	Ant Amp\Cb Filter				EIRPCF	Reading	Limit	Margin	Pol
				Factor	dB/m	dB	dB					
1	7248.00	-56.36	RMS	37.20	-51.89	0.87	-95.23	52.69	-40.00	-16.36	Vertical	
2	10872.00	-52.96	RMS	39.56	-49.78	0.27	-95.23	52.22	-40.00	-12.96	Vertical	
3	14496.00	-50.34	RMS	40.80	-45.40	0.44	-95.23	49.05	-40.00	-10.34	Vertical	



Ant. 3

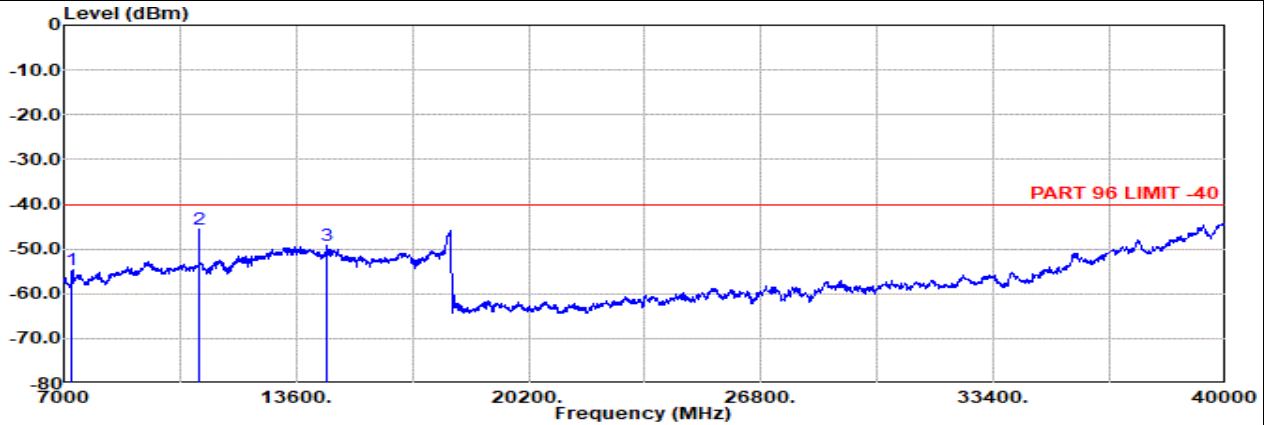
Part 96 Mode 172
LTE B48 20M Ch55990 1RB0 QPSK

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 Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	dB
1	7232.00	-57.21	RMS	37.16	-51.93	0.88	-95.23	51.91	-40.00	-17.21	Horizontal	
2	10848.00	-47.74	RMS	39.30	-49.81	0.27	-95.23	57.73	-40.00	-7.74	Horizontal	
3	14464.00	-50.41	RMS	40.80	-45.45	0.44	-95.23	49.03	-40.00	-10.41	Horizontal	



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

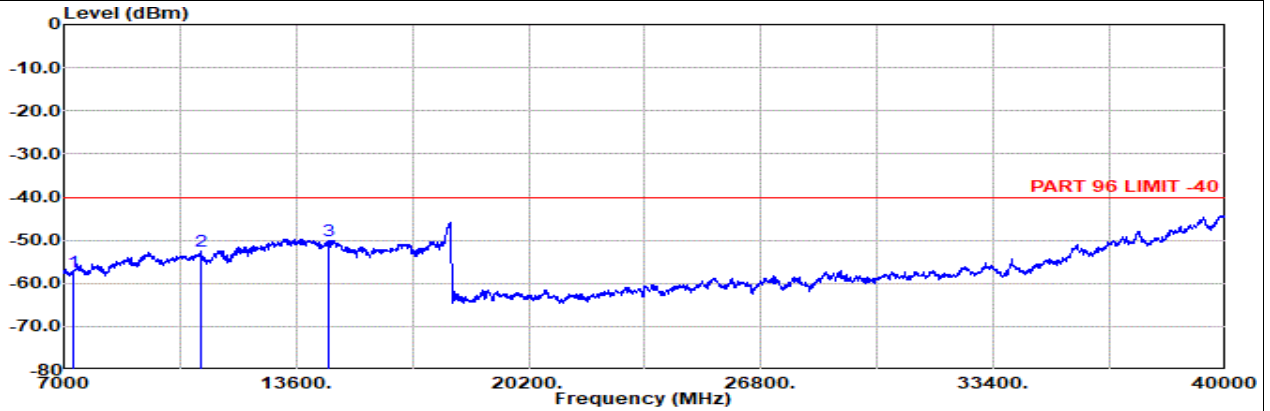
	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	dB
1	7232.00	-54.66	RMS	37.16	-51.93	0.88	-95.23	54.46	-40.00	-14.66	Vertical	
2	10848.00	-45.45	RMS	39.30	-49.81	0.27	-95.23	60.02	-40.00	-5.45	Vertical	
3	14464.00	-49.21	RMS	40.80	-45.45	0.44	-95.23	50.23	-40.00	-9.21	Vertical	



Ant. 3

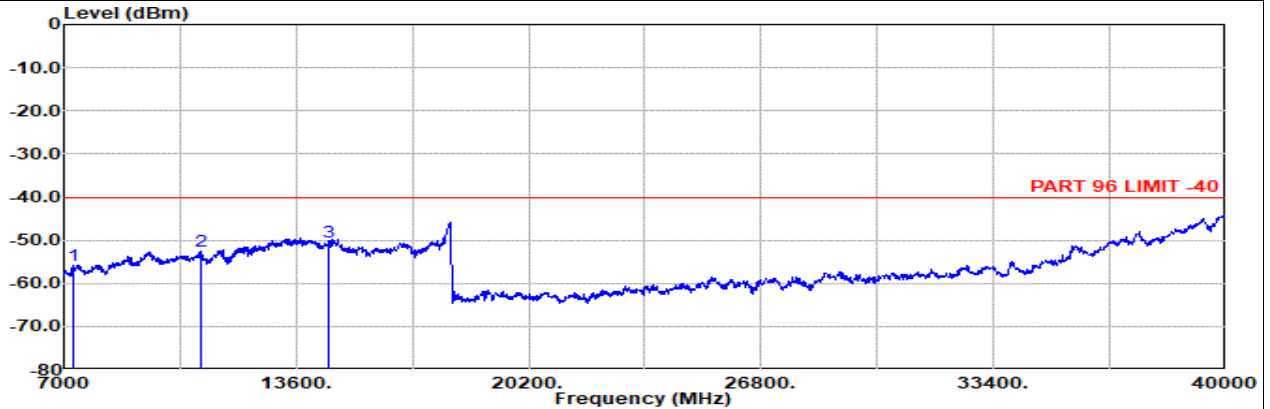
Part 96 Mode 176
LTE CA B48C Ch55891 + Ch56089

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 MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
				Factor	1						
1	7248.00	-57.50	RMS	37.20	-51.89	0.87	-95.23	51.55	-40.00	-17.50	Horizontal
2	10872.00	-52.61	RMS	39.56	-49.78	0.27	-95.23	52.57	-40.00	-12.61	Horizontal
3	14496.00	-50.22	RMS	40.80	-45.40	0.44	-95.23	49.17	-40.00	-10.22	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

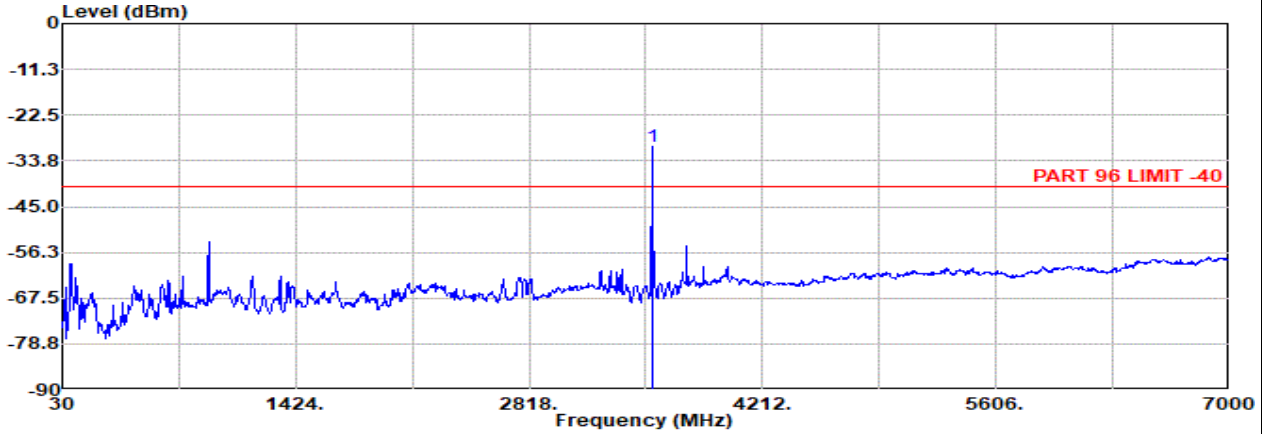
	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
				Factor	1						
1	7248.00	-55.93	RMS	37.20	-51.89	0.87	-95.23	53.12	-40.00	-15.93	Vertical
2	10872.00	-52.68	RMS	39.56	-49.78	0.27	-95.23	52.50	-40.00	-12.68	Vertical
3	14496.00	-50.33	RMS	40.80	-45.40	0.44	-95.23	49.06	-40.00	-10.33	Vertical



Ant. 2

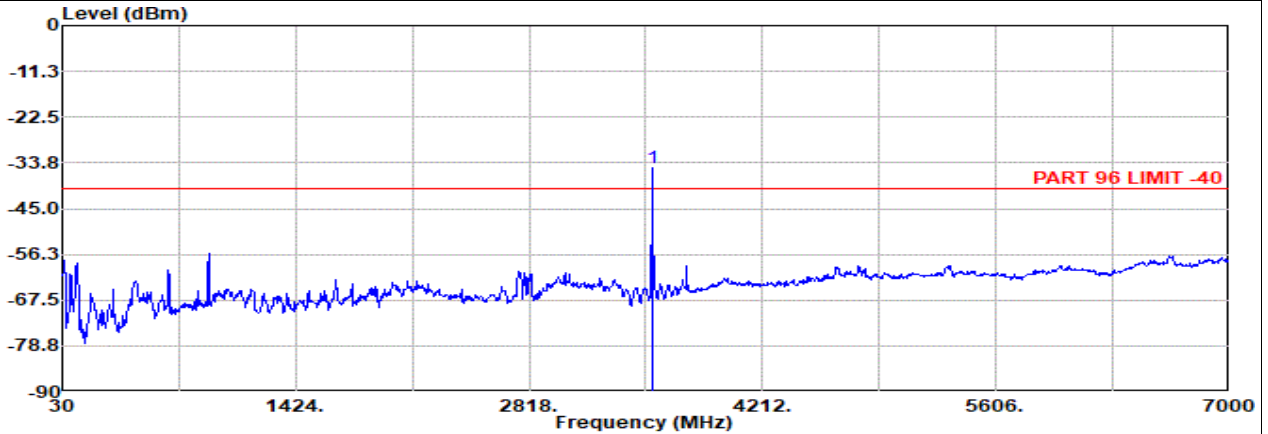
Part 96 Mode 169
LTE B48 20M Ch55340 1RB0 QPSK

L



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Horizontal
: LTE Band 48 20M Ch55340 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

Table with 11 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. Row 1: 3551.09 MHz, -30.16 dBm, RMS, 29.60 dB/m, -57.17 dB, 0.54 dB, -95.23 dB, 92.10 dBuV, -40.00 dBm, 9.84 dB, Horizontal.



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Vertical
: LTE Band 48 20M Ch55340 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

Table with 11 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. Row 1: 3551.09 MHz, -34.94 dBm, RMS, 29.60 dB/m, -57.17 dB, 0.54 dB, -95.23 dB, 87.32 dBuV, -40.00 dBm, 5.06 dB, Vertical.