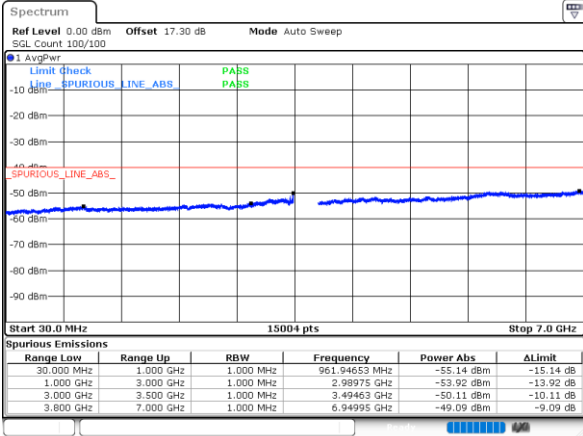




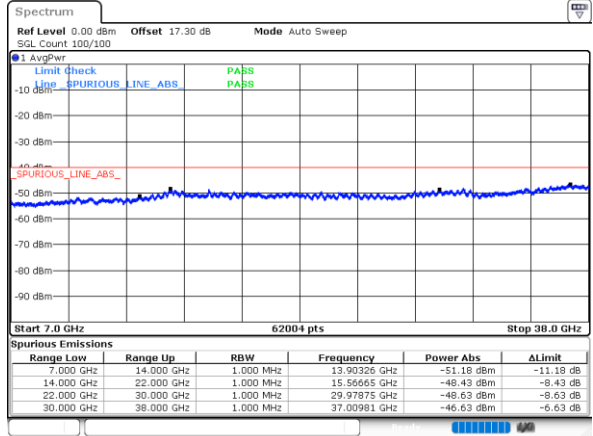
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

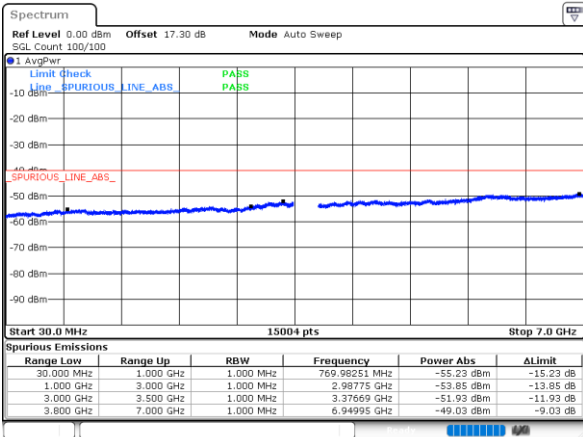


Date: 24.APR.2024 22:35:20

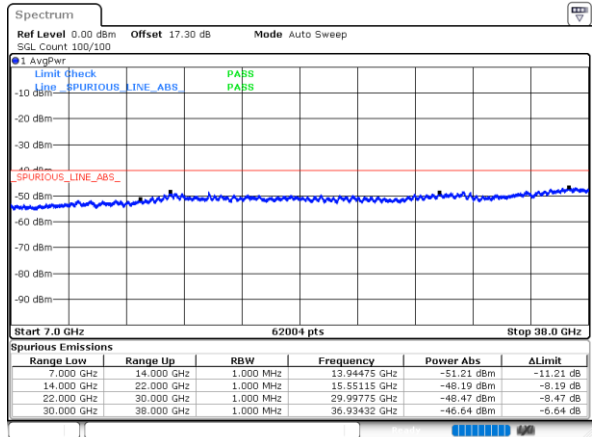


Date: 25.APR.2024 01:26:06

MiddleChannel / 1RB0 and 1RB99

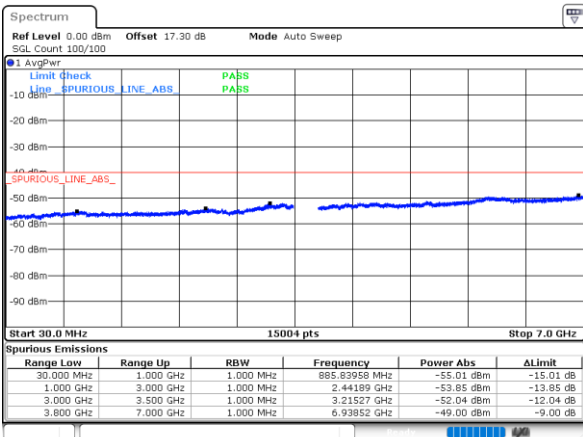


Date: 24.APR.2024 22:56:22

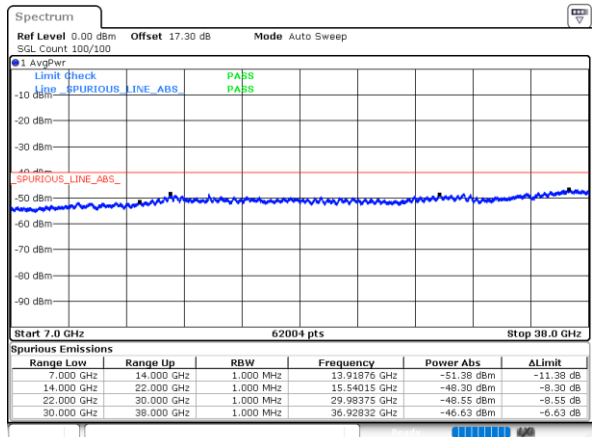


Date: 25.APR.2024 01:29:50

Highest Channel / 1RB0 and 1RB99



Date: 24.APR.2024 23:19:54



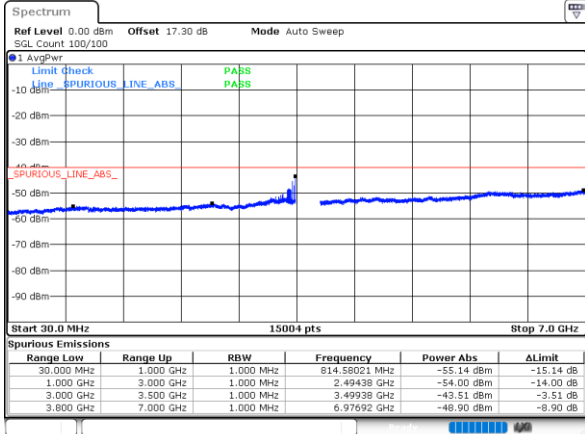
Date: 25.APR.2024 01:31:07



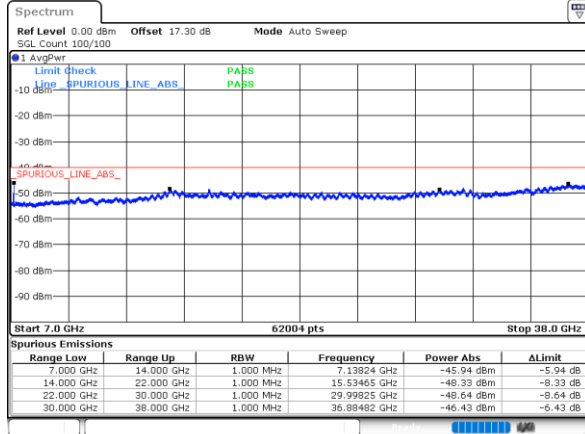
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

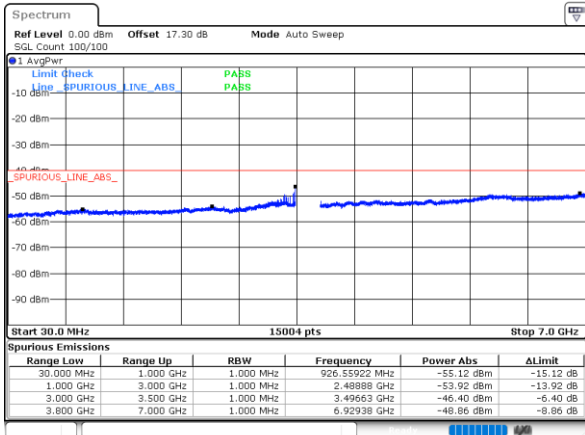


Date: 24.APR.2024 22:34:07

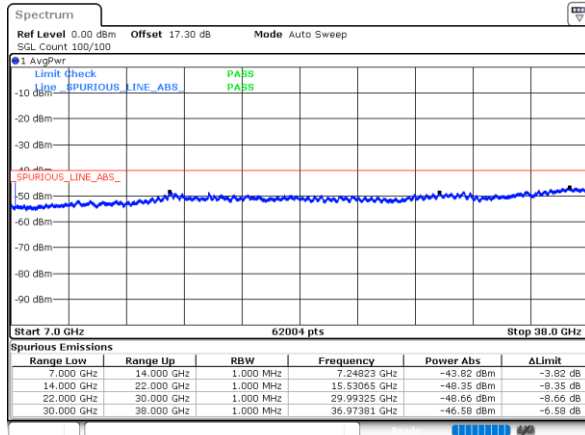


Date: 25.APR.2024 01:27:20

Middle Channel / 1RB99 and 1RB0

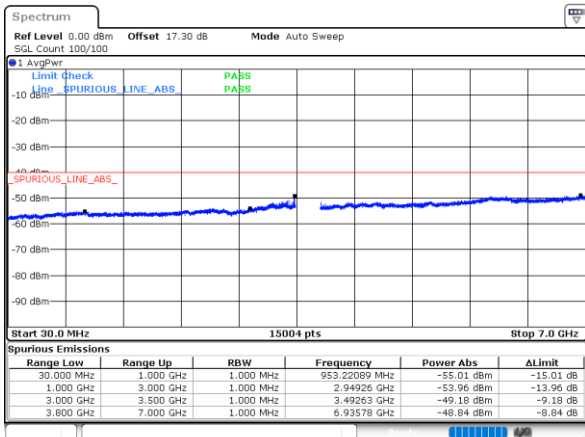


Date: 24.APR.2024 22:57:35

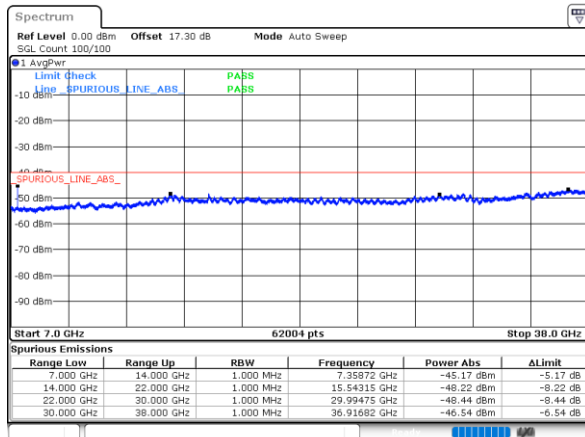


Date: 25.APR.2024 01:28:37

Highest Channel / 1RB99 and 1RB0



Date: 24.APR.2024 23:18:40



Date: 25.APR.2024 01:32:21



Appendix B. Test Results of Radiated Test

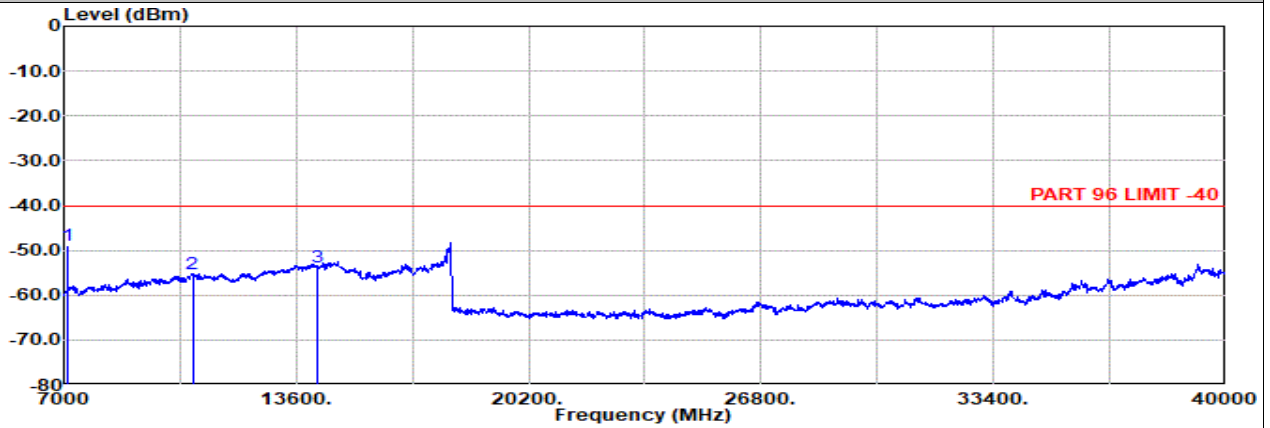
B1. Summary of each worse mode

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
1	Part 96	LTE B48	M	7232	-40.67	RMS	36.93	-52.20	0.92	-95.23	68.91	-40.00	-0.67	V	0
2	Part 96	EN-DC B48+n5	L	10663	-44.75	RMS	39.07	-49.80	0.45	-95.23	60.76	-40.00	-4.75	V	2+0
3	Part 96	LTE CA B48C	L	7138	-44.10	RMS	36.53	-52.29	1.05	-95.23	65.84	-40.00	-4.10	V	0



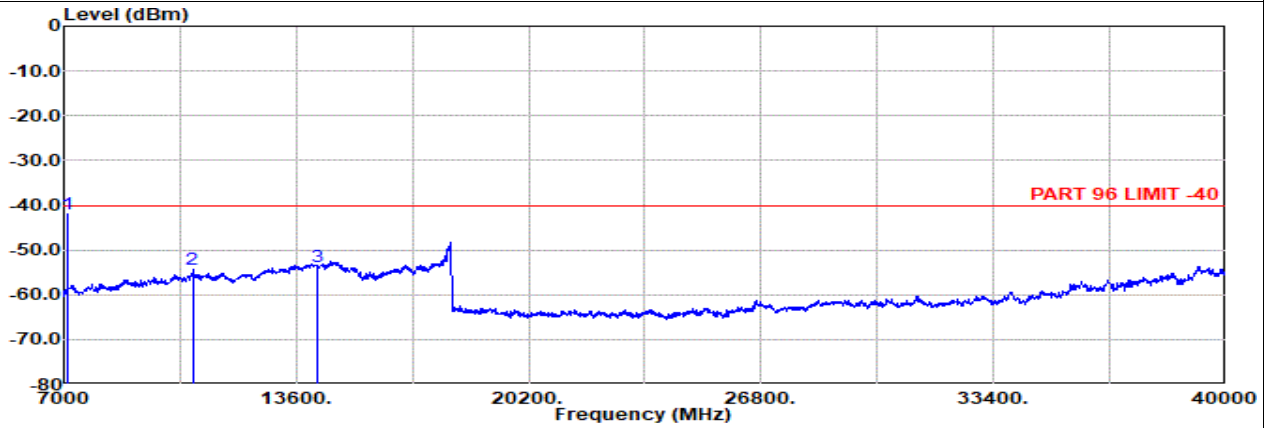
Ant 0

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



Site : 03CH16-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55340 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					



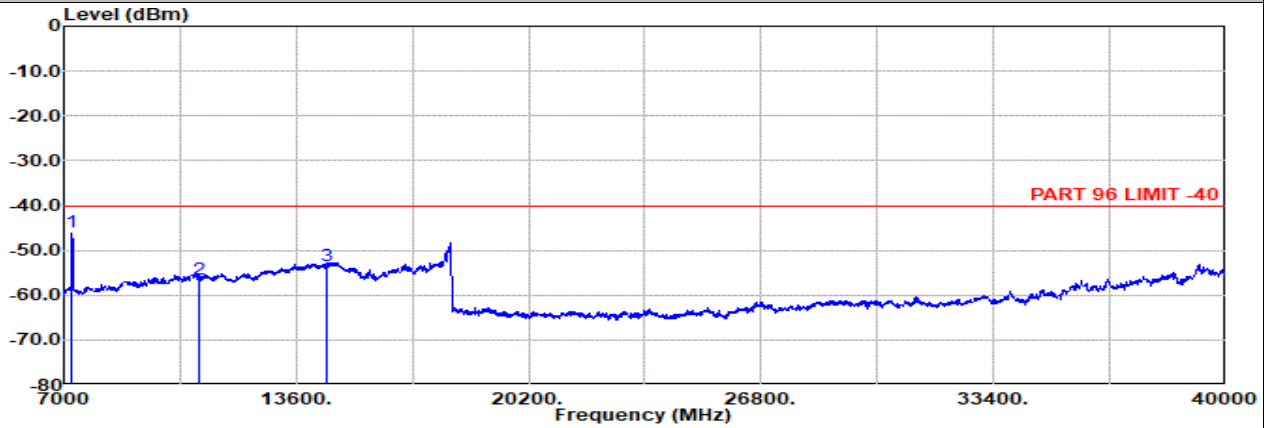
Site : 03CH16-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55340 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					



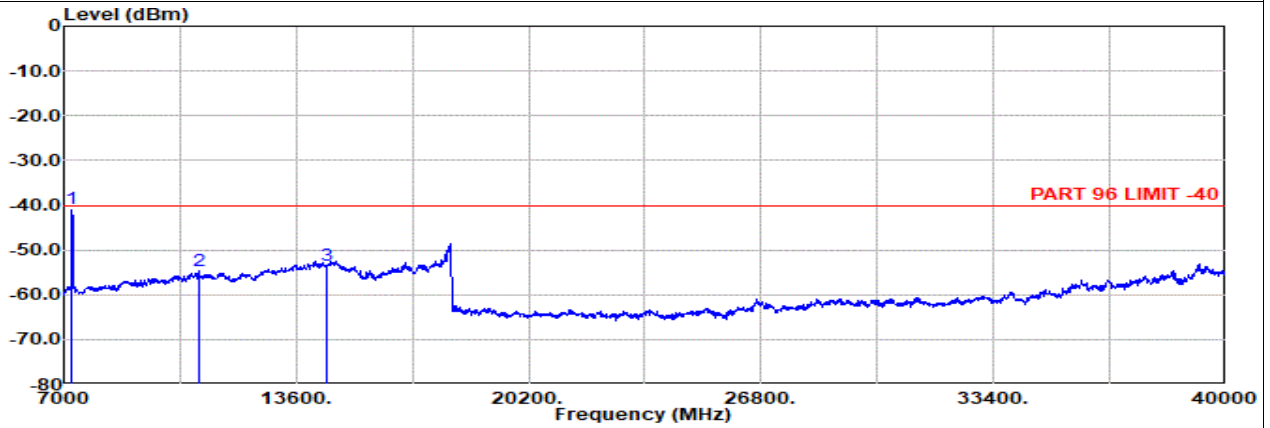
Ant 0

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



Site : 03CH16-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55990 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					



Site : 03CH16-HY
Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
						Factor	1					

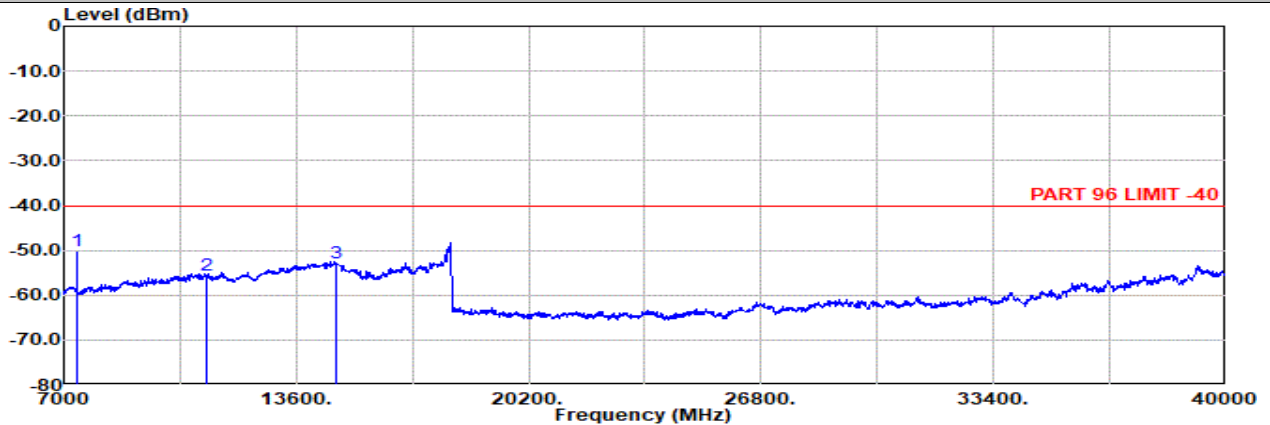


Ant 0

Part 96 Mode 1

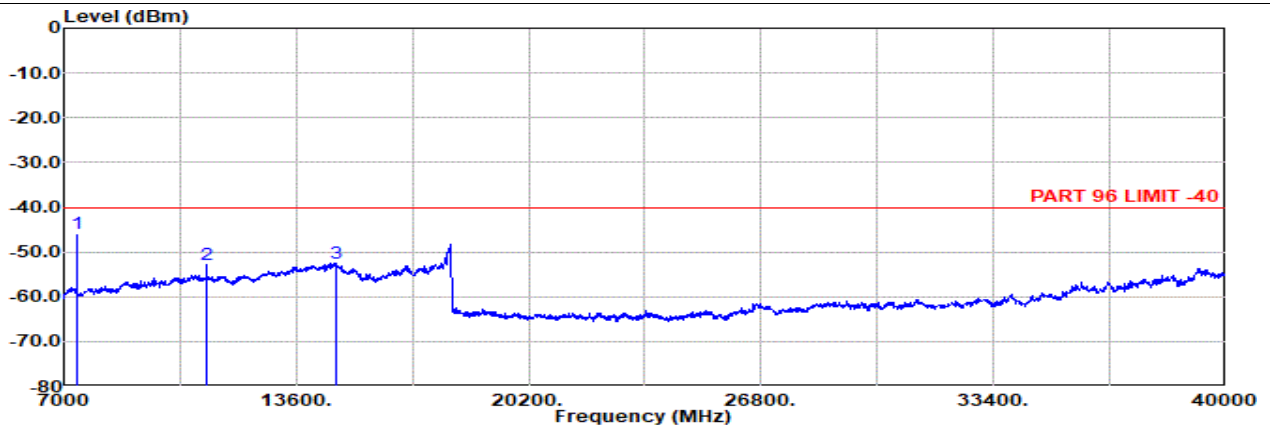
LTE B48 20M Ch56640 1RB0 QPSK

H



Site : 03CH16-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	Reading	Limit	Margin Pol		
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7362.00	-50.05	RMS	36.55	-52.05	0.90	-95.23	59.78	-40.00	-10.05	Horizontal
2 11043.00	-55.67	RMS	38.70	-48.96	0.44	-95.23	49.38	-40.00	-15.67	Horizontal
3 14724.00	-52.84	RMS	40.35	-46.60	0.50	-95.23	48.14	-40.00	-12.84	Horizontal



Site : 03CH16-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	Reading	Limit	Margin Pol		
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7362.00	-45.92	RMS	36.55	-52.05	0.90	-95.23	63.91	-40.00	-5.92	Vertical
2 11043.00	-52.94	RMS	38.70	-48.96	0.44	-95.23	52.11	-40.00	-12.94	Vertical
3 14724.00	-52.64	RMS	40.35	-46.60	0.50	-95.23	48.34	-40.00	-12.64	Vertical

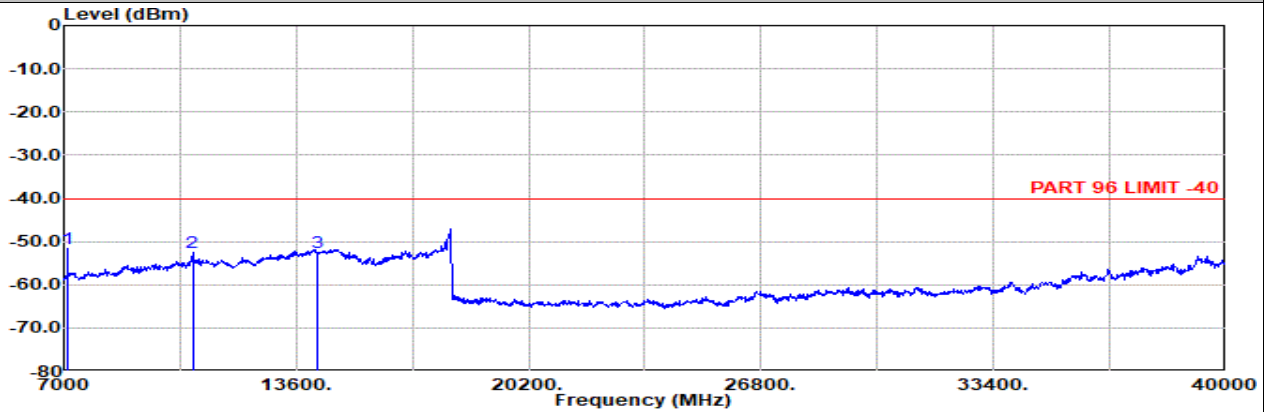


Ant 2+0

Part 96 Mode 2

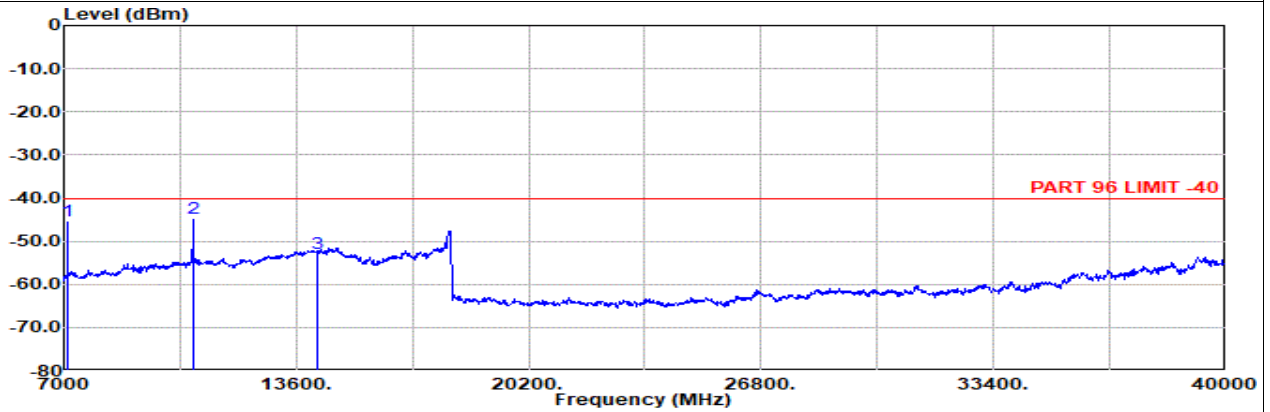
EN-DC B48+n5 20M + 20M Ch55340 1RB0 QPSK + Ch166800 1RB1 BPSK

L



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
 : LTE Band 48 20M Ch55340 1RB0 QPSK
 : SA n5 20M Ch166800 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	l					
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7102.00	-51.69	RMS	36.31	-52.33	1.13	-95.23	58.43	-40.00	-11.69 Horizontal
2 10653.00	-52.55	RMS	39.09	-49.82	0.45	-95.23	52.96	-40.00	-12.55 Horizontal
3 14204.00	-52.40	RMS	40.90	-46.76	0.44	-95.23	48.25	-40.00	-12.40 Horizontal



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch55340 1RB0 QPSK
 : SA n5 20M Ch166800 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
			Factor	l					
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7102.00	-45.43	RMS	36.31	-52.33	1.13	-95.23	64.69	-40.00	-5.43 Vertical
2 10663.00	-44.75	RMS	39.07	-49.80	0.45	-95.23	60.76	-40.00	-4.75 Vertical
3 14204.00	-52.72	RMS	40.90	-46.76	0.44	-95.23	47.93	-40.00	-12.72 Vertical

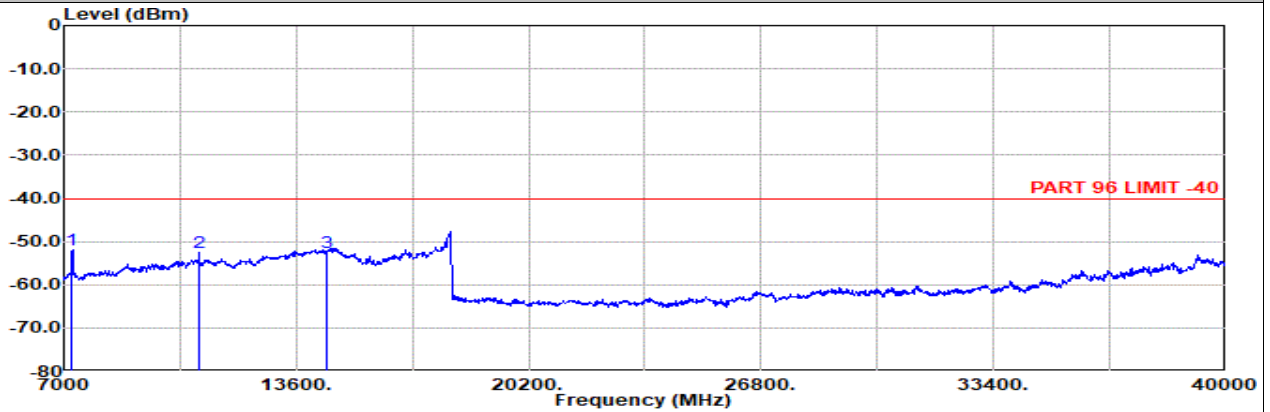


Ant 2+0

Part 96 Mode 2

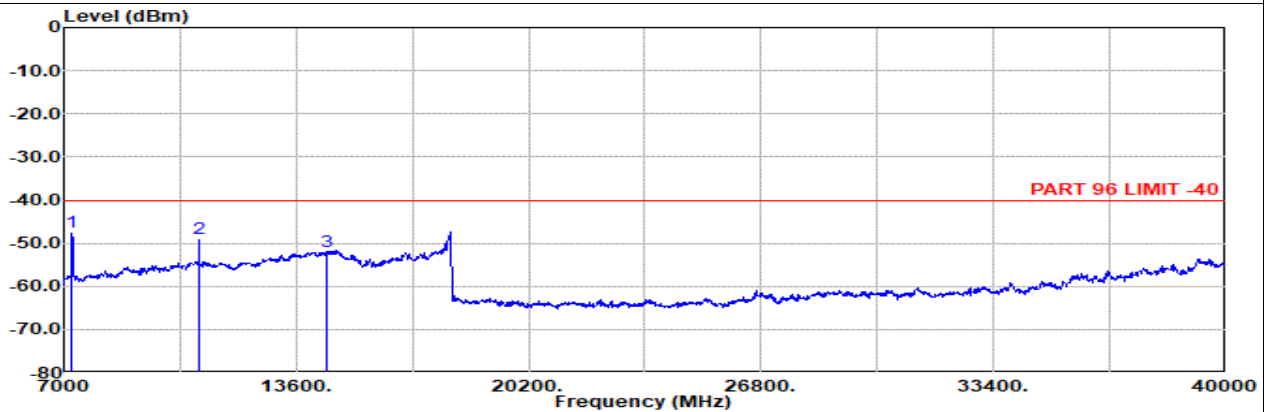
EN-DC B48+n5 20M + 20M Ch55990 1RB0 QPSK + Ch167300 1RB1 BPSK

M



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
 : LTE Band 48 20M Ch55990 1RB0 QPSK
 : SA n5 20M Ch167300 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	l				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7232.00	-51.98	RMS	36.93	-52.20	0.92	-95.23	57.60	-40.00	-11.98	Horizontal
2 10848.00	-52.56	RMS	38.91	-49.35	0.45	-95.23	52.66	-40.00	-12.56	Horizontal
3 14464.00	-52.58	RMS	40.53	-46.70	0.47	-95.23	48.35	-40.00	-12.58	Horizontal



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch55990 1RB0 QPSK
 : SA n5 20M Ch167300 1RB1 BPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	l				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7232.00	-47.52	RMS	36.93	-52.20	0.92	-95.23	62.06	-40.00	-7.52	Vertical
2 10848.00	-48.95	RMS	38.91	-49.35	0.45	-95.23	56.27	-40.00	-8.95	Vertical
3 14464.00	-51.96	RMS	40.53	-46.70	0.47	-95.23	48.97	-40.00	-11.96	Vertical

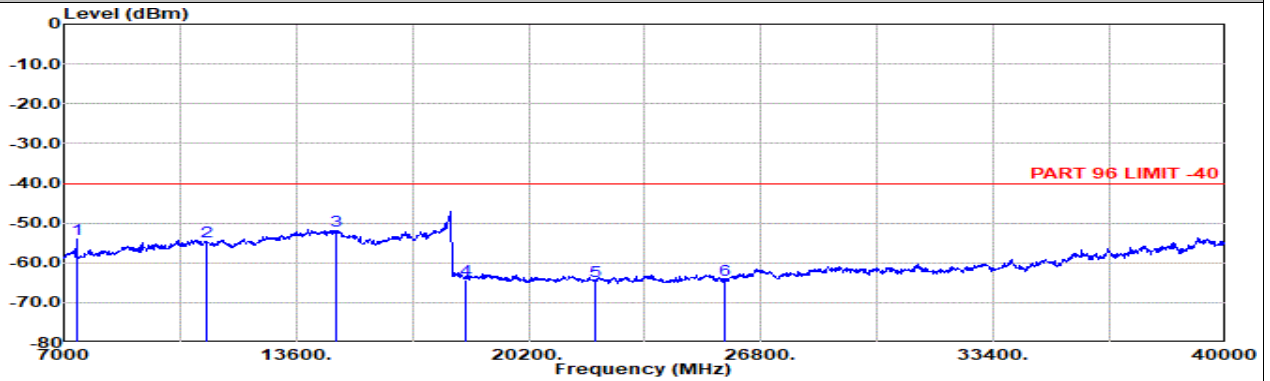


Ant 2+0

Part 96 Mode 2

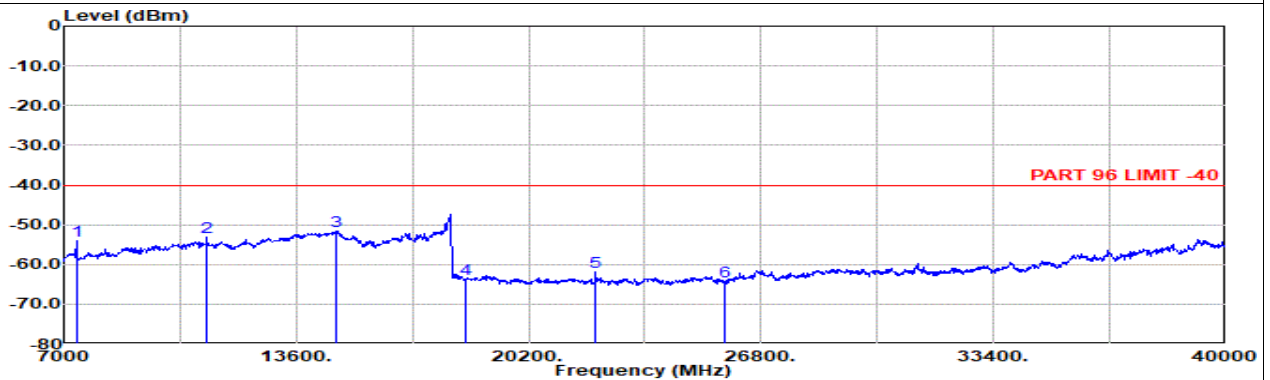
EN-DC B48+n5 20M + 20M Ch56640 1RB0 QPSK + Ch167300 1RB1 BPSK

H



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal
 : LTE Band 48 20M Ch56640 1RB0 QPSK
 : SA n5 20M Ch167300 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-54.02	RMS	36.55	-52.05	0.90	-95.23	55.81	-40.00	-14.02	Horizontal
2	11043.00	-54.72	RMS	38.70	-48.96	0.44	-95.23	50.33	-40.00	-14.72	Horizontal
3	14724.00	-51.92	RMS	40.35	-46.60	0.50	-95.23	49.06	-40.00	-11.92	Horizontal
4	18405.00	-64.18	RMS	37.71	-58.51	-9.54	-95.23	61.39	-40.00	-24.18	Horizontal
5	22086.00	-64.49	RMS	37.90	-54.80	-9.54	-95.23	57.18	-40.00	-24.49	Horizontal
6	25767.00	-64.43	RMS	39.00	-53.10	-9.54	-95.23	54.44	-40.00	-24.43	Horizontal



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch56640 1RB0 QPSK
 : SA n5 20M Ch167300 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-54.03	RMS	36.55	-52.05	0.90	-95.23	55.80	-40.00	-14.03	Vertical
2	11043.00	-53.09	RMS	38.70	-48.96	0.44	-95.23	51.96	-40.00	-13.09	Vertical
3	14724.00	-51.59	RMS	40.35	-46.60	0.50	-95.23	49.39	-40.00	-11.59	Vertical
4	18405.00	-63.74	RMS	37.71	-58.51	-9.54	-95.23	61.83	-40.00	-23.74	Vertical
5	22086.00	-61.75	RMS	37.90	-54.80	-9.54	-95.23	59.92	-40.00	-21.75	Vertical
6	25767.00	-64.26	RMS	39.00	-53.10	-9.54	-95.23	54.61	-40.00	-24.26	Vertical

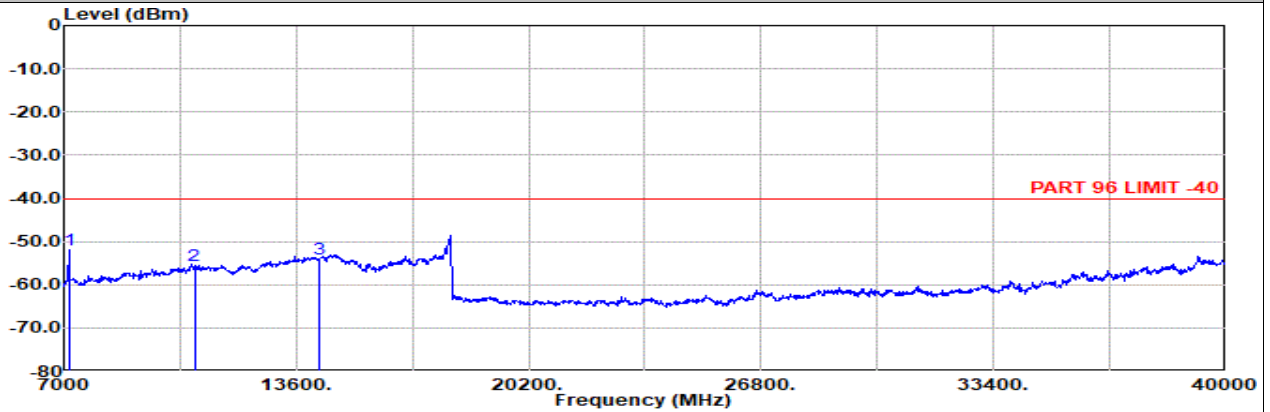


Ant 0

Part 96 Mode 3

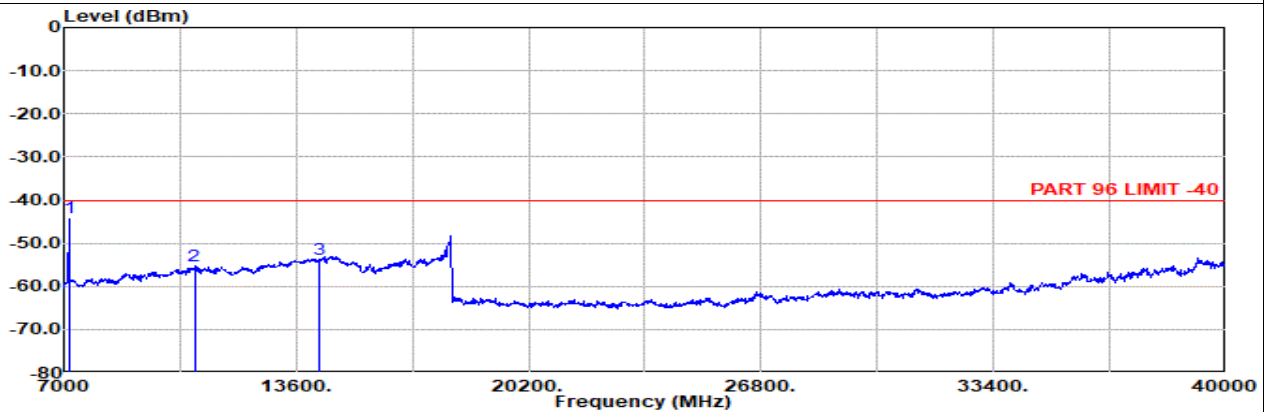
LTE CA B48C 20M + 20M Ch55340 1RB99 QPSK + Ch55538 1RB0 QPSK

L



Site : 03CH16-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
			Factor	l					
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7138.00	-51.86	RMS	36.53	-52.29	1.05 -95.23	0.00	-40.00	-11.86	Horizontal
2 10707.00	-55.67	RMS	39.00	-49.69	0.45 -95.23	49.80	-40.00	-15.67	Horizontal
3 14276.00	-53.95	RMS	40.90	-46.74	0.45 -95.23	46.67	-40.00	-13.95	Horizontal



Site : 03CH16-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
			Factor	l					
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7138.00	-44.10	RMS	36.53	-52.29	1.05 -95.23	65.84	-40.00	-4.10	Vertical
2 10707.00	-55.13	RMS	39.00	-49.69	0.45 -95.23	50.34	-40.00	-15.13	Vertical
3 14276.00	-53.77	RMS	40.90	-46.74	0.45 -95.23	46.85	-40.00	-13.77	Vertical

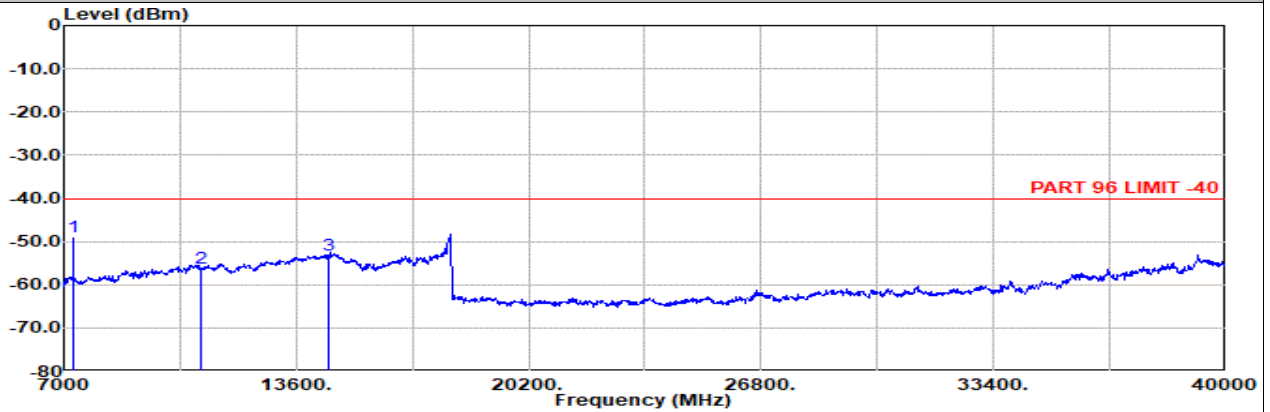


Ant 0

Part 96 Mode 3

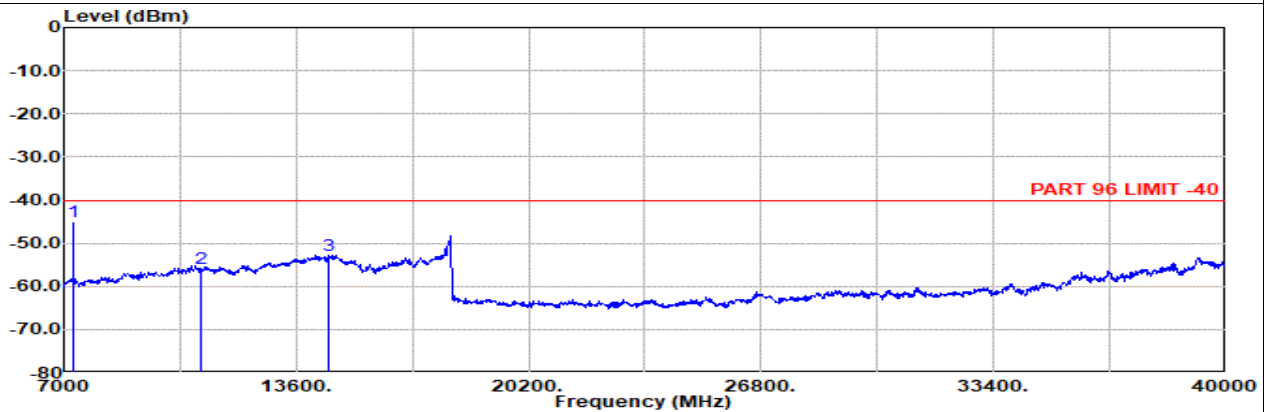
LTE CA B48C 20M + 20M Ch55891 1RB99 QPSK + Ch56089 1RB0 QPSK

M



Site : 03CH16-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	l	dB	dB	g	dBm	dB		
1	7248.00	-48.89	RMS	36.99	-52.18	0.92	-95.23	60.61	-40.00	-8.89	Horizontal
2	10872.00	-56.13	RMS	38.86	-49.29	0.45	-95.23	49.08	-40.00	-16.13	Horizontal
3	14496.00	-53.22	RMS	40.59	-46.69	0.47	-95.23	47.64	-40.00	-13.22	Horizontal



Site : 03CH16-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	l	dB	dB	g	dBm	dB		
1	7248.00	-44.93	RMS	36.99	-52.18	0.92	-95.23	64.57	-40.00	-4.93	Vertical
2	10872.00	-55.75	RMS	38.86	-49.29	0.45	-95.23	49.46	-40.00	-15.75	Vertical
3	14496.00	-52.97	RMS	40.59	-46.69	0.47	-95.23	47.89	-40.00	-12.97	Vertical

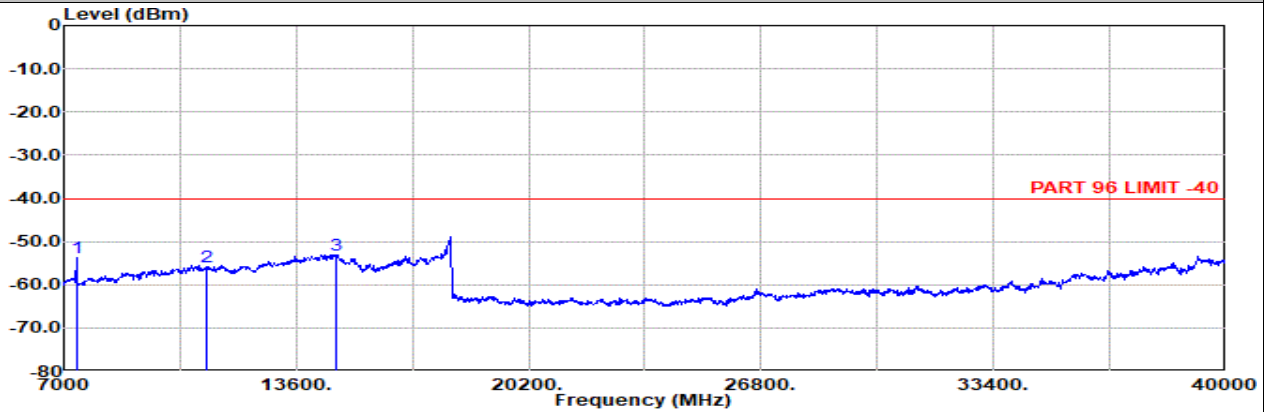


Ant 0

Part 96 Mode 3

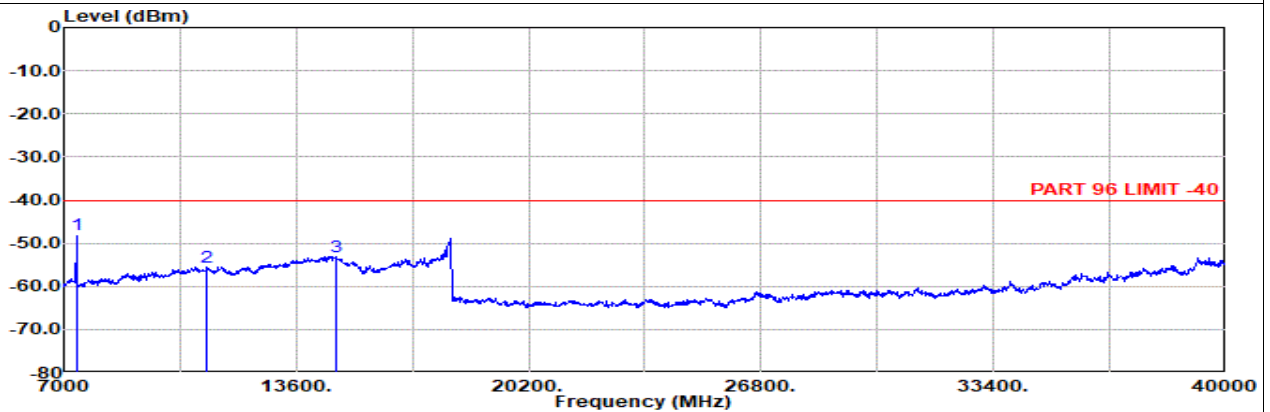
LTE CA B48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



Site : 03CH16-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 Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	l						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7358.00	-53.68	RMS	36.57	-52.05	0.90	-95.23	56.13	-40.00	-13.68	Horizontal
2 11037.00	-55.95	RMS	38.70	-48.96	0.44	-95.23	49.10	-40.00	-15.95	Horizontal
3 14716.00	-53.21	RMS	40.37	-46.60	0.50	-95.23	47.75	-40.00	-13.21	Horizontal



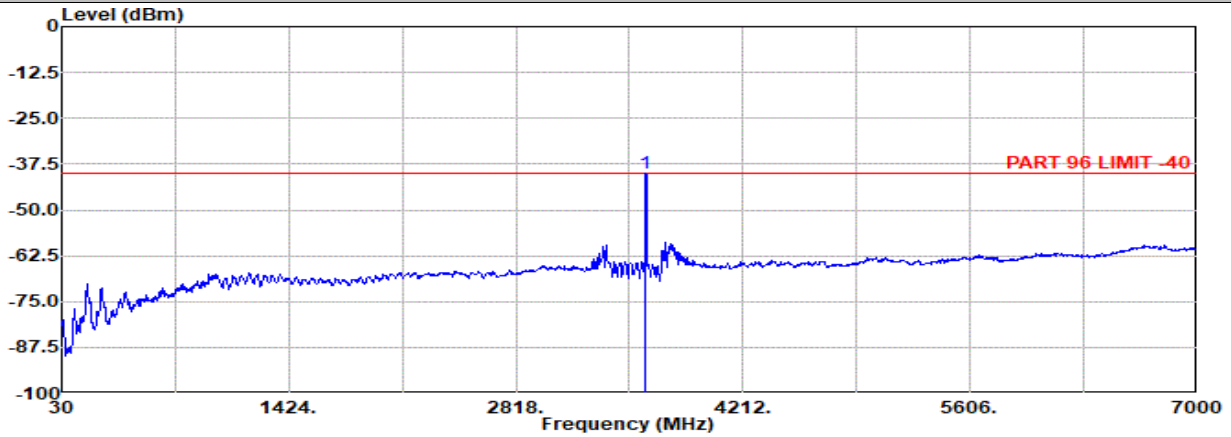
Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical
 : LTE Band 48 20M Ch56442 1RB99 QPSK
 : LTE Band 48 20M Ch56640 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	l						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7358.00	-47.91	RMS	36.57	-52.05	0.90	-95.23	61.90	-40.00	-7.91	Vertical
2 11037.00	-55.69	RMS	38.70	-48.96	0.44	-95.23	49.36	-40.00	-15.69	Vertical
3 14716.00	-53.17	RMS	40.37	-46.60	0.50	-95.23	47.79	-40.00	-13.17	Vertical



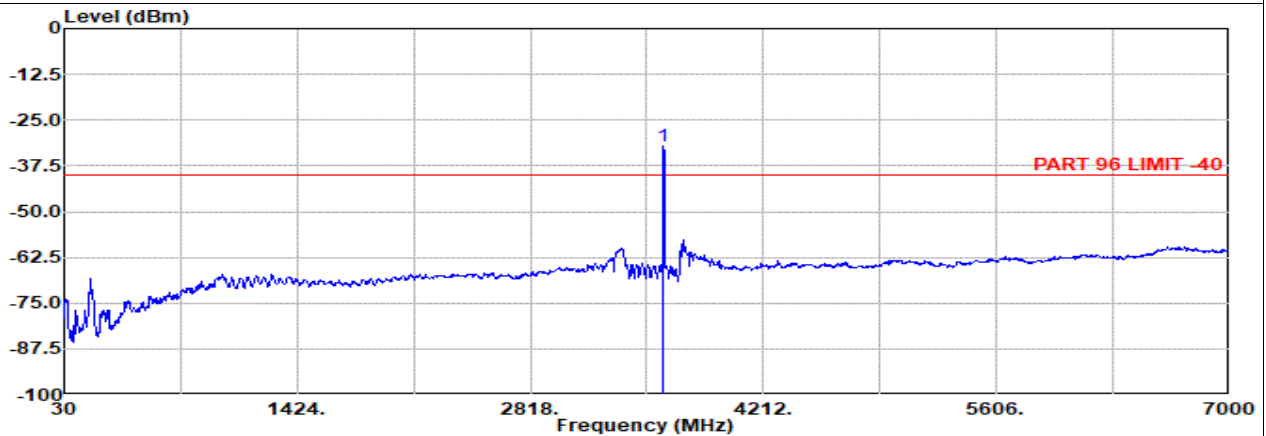
Ant 0

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



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 3m CBL6111D&00802N1D01N-06 _47020 & 06 Horizontal
 : LTE Band 48 20M Ch55990 1RB0 QPSK
 : #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	l			g	dBm		
1	3616.00	-39.94	RMS	29.53	-57.38	0.57	-95.23	82.57	-40.00	0.06	Horizontal



Site : 03CH16-HY
 Condition: PART 96 LIMIT -40 3m CBL6111D&00802N1D01N-06 _47020 & 06 Vertical
 : LTE Band 48 20M Ch55990 1RB0 QPSK
 : #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	l			g	dBm		
1	3616.00	-32.18	RMS	29.53	-57.38	0.57	-95.23	90.33	-40.00	7.82	Vertical

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