



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	H	14724	-49.72	RMS	40.35	-46.60	0.50	-95.23	51.26	-40.00	-9.72	V	1
2	Part 96	LTE CA B48C	H	14716	-52.75	RMS	40.37	-46.60	0.50	-95.23	48.21	-40.00	-12.75	H	1
5	Part 96	LTE CA 5A-48A	H	14766	-52.74	RMS	40.27	-46.58	0.50	-95.23	48.30	-40.00	-12.74	H	1+6

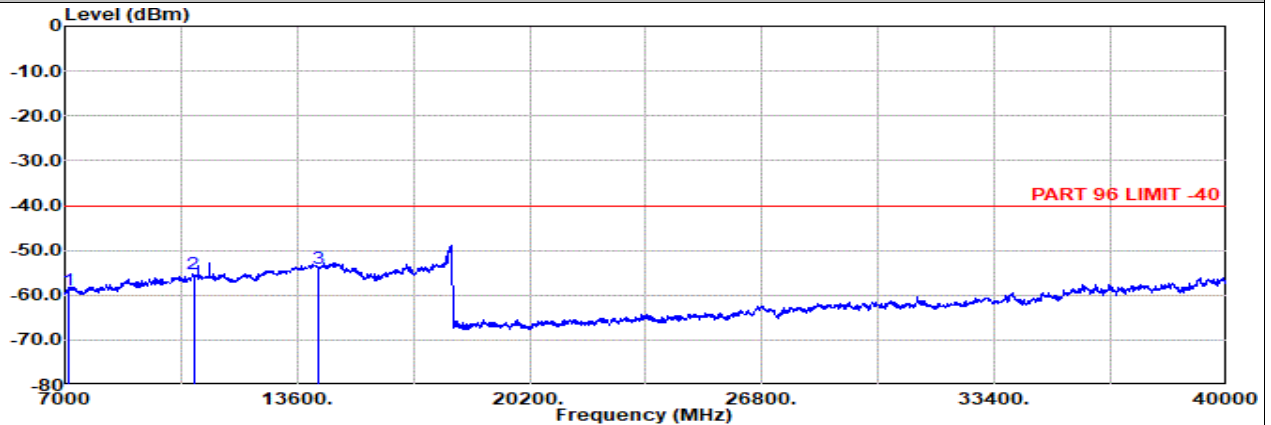


Ant 1

Part 96 Mode 1

LTE B48 20M Ch55340 1RB0 QPSK

L

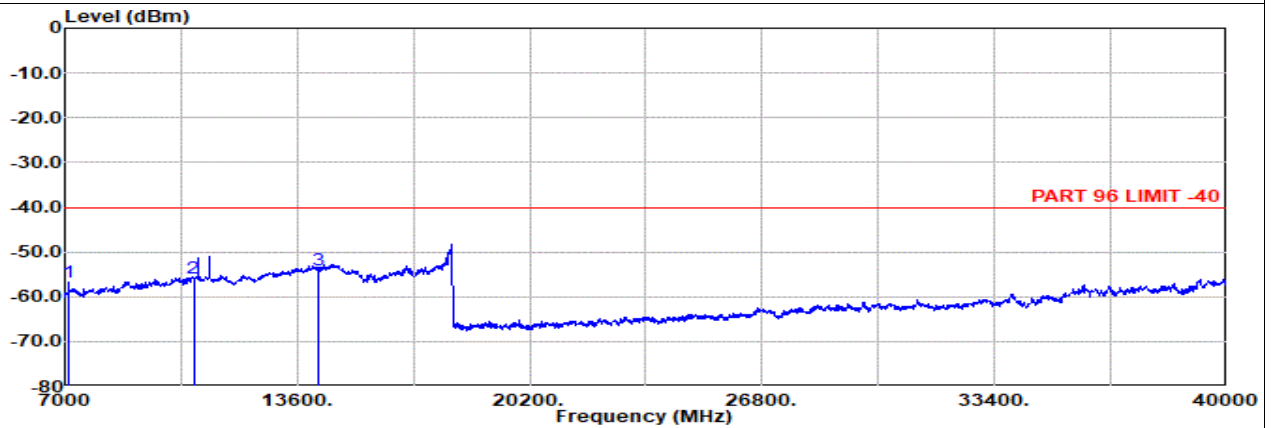


Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7102.00	-58.75	RMS	36.31	-52.33	1.13	-95.23	-59.58	-40.00	-18.75 Horizontal
2	10653.00	-55.30	RMS	39.09	-49.82	0.45	-95.23	50.21	-40.00	-15.30 Horizontal
3	14204.00	-53.91	RMS	40.90	-46.76	0.44	-95.23	46.74	-40.00	-13.91 Horizontal



Site : 03CH16-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		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7102.00	-56.78	RMS	36.31	-52.33	1.13	-95.23	53.34	-40.00	-16.78 Vertical
2	10653.00	-55.74	RMS	39.09	-49.82	0.45	-95.23	49.77	-40.00	-15.74 Vertical
3	14204.00	-53.92	RMS	40.90	-46.76	0.44	-95.23	46.73	-40.00	-13.92 Vertical

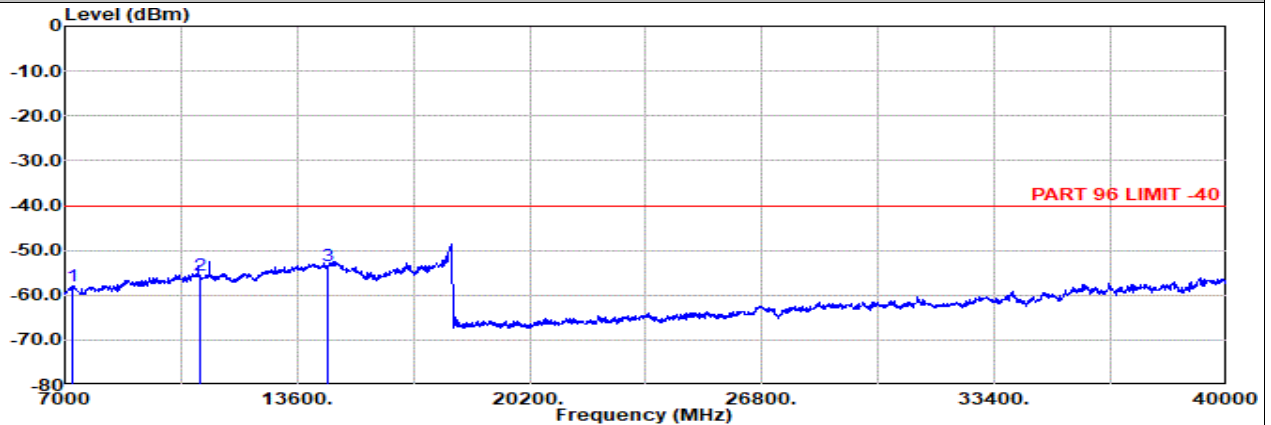


Ant 1

Part 96 Mode 1

LTE B48 20M Ch55990 1RB0 QPSK

M

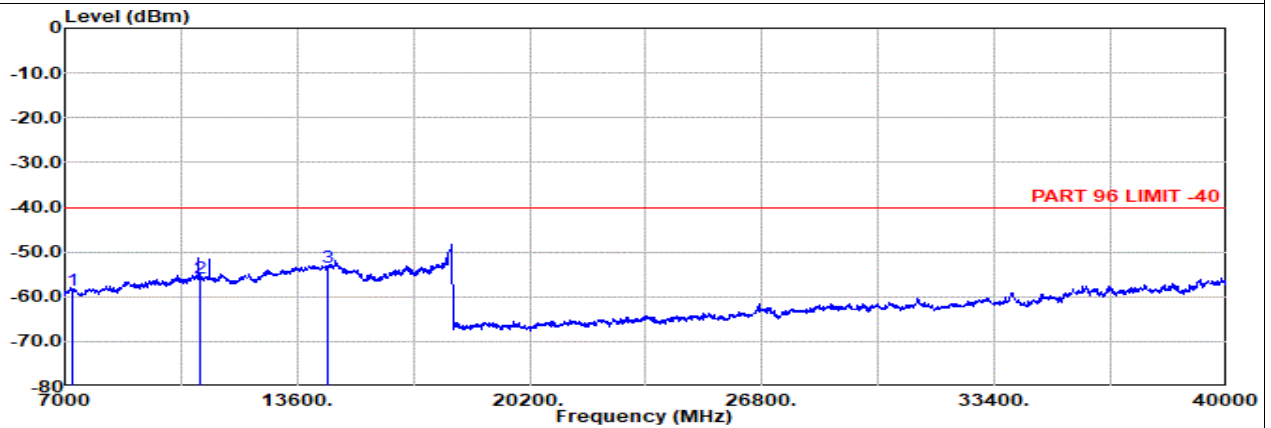


Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7232.00	-58.07	RMS	36.93	-52.20	0.92	-95.23	51.51	-40.00	-18.07 Horizontal
2	10848.00	-55.45	RMS	38.91	-49.35	0.45	-95.23	49.77	-40.00	-15.45 Horizontal
3	14464.00	-53.41	RMS	40.53	-46.70	0.47	-95.23	47.52	-40.00	-13.41 Horizontal



Site : 03CH16-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	-58.55	RMS	36.93	-52.20	0.92	-95.23	51.03	-40.00	-18.55 Vertical
2	10848.00	-55.81	RMS	38.91	-49.35	0.45	-95.23	49.41	-40.00	-15.81 Vertical
3	14464.00	-53.52	RMS	40.53	-46.70	0.47	-95.23	47.41	-40.00	-13.52 Vertical

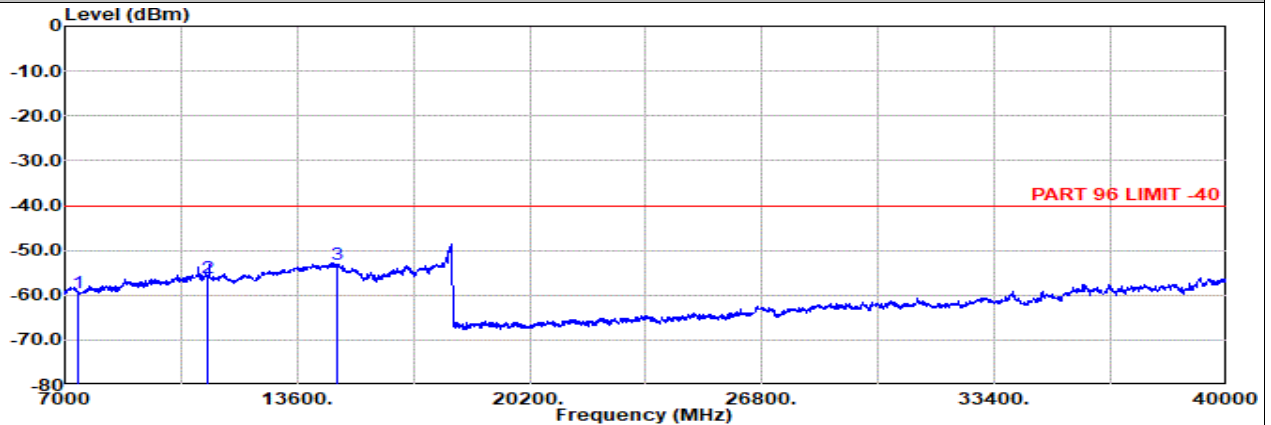


Ant 1

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H

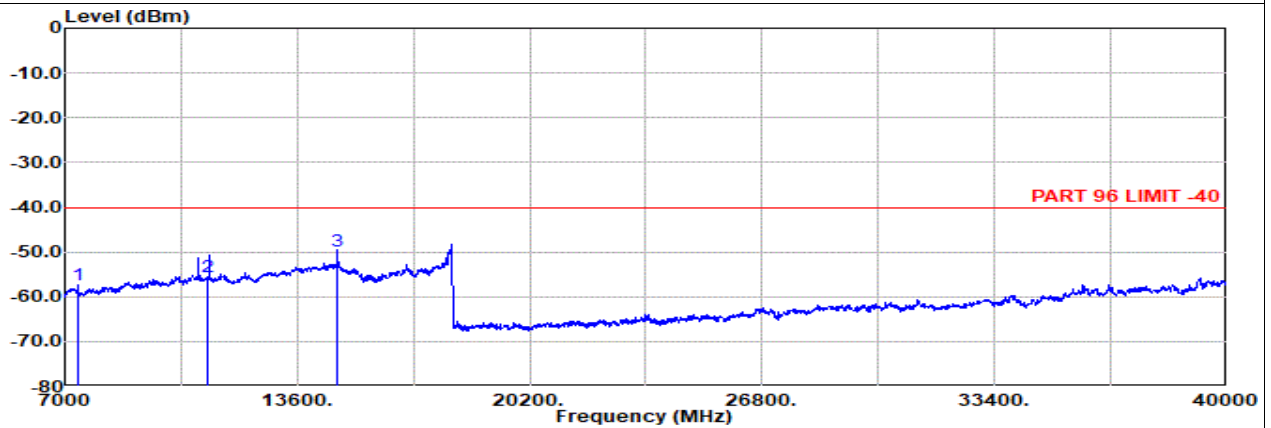


Site : 03CH16-HY

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	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7362.00	-59.40	RMS	36.55	-52.05	0.90	-95.23	50.43	-40.00	-19.40 Horizontal
2	11043.00	-56.08	RMS	38.70	-48.96	0.44	-95.23	48.97	-40.00	-16.08 Horizontal
3	14724.00	-53.07	RMS	40.35	-46.60	0.50	-95.23	47.91	-40.00	-13.07 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	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	7362.00	-57.50	RMS	36.55	-52.05	0.90	-95.23	52.33	-40.00	-17.50 Vertical
2	11043.00	-55.45	RMS	38.70	-48.96	0.44	-95.23	49.60	-40.00	-15.45 Vertical
3	14724.00	-49.72	RMS	40.35	-46.60	0.50	-95.23	51.26	-40.00	-9.72 Vertical

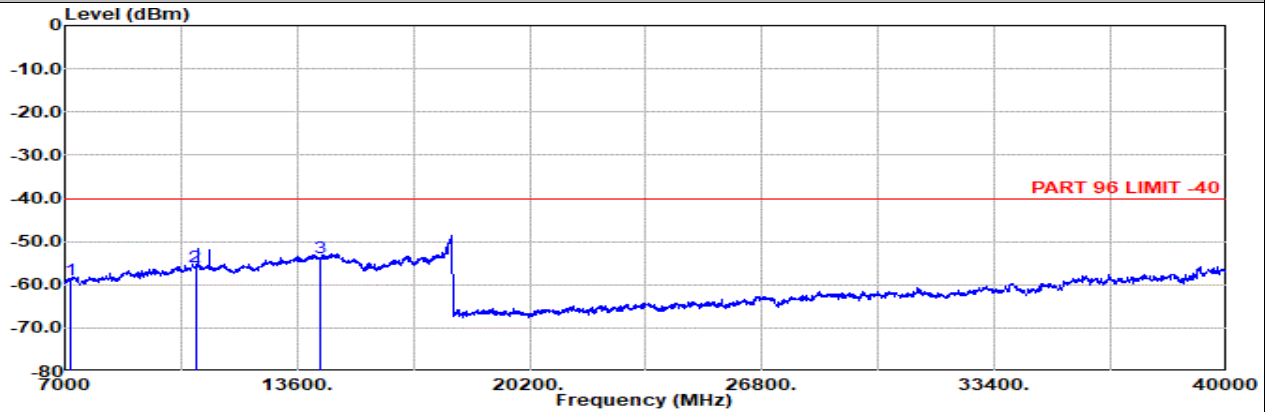


Ant 1

Part 96 Mode 2

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

L



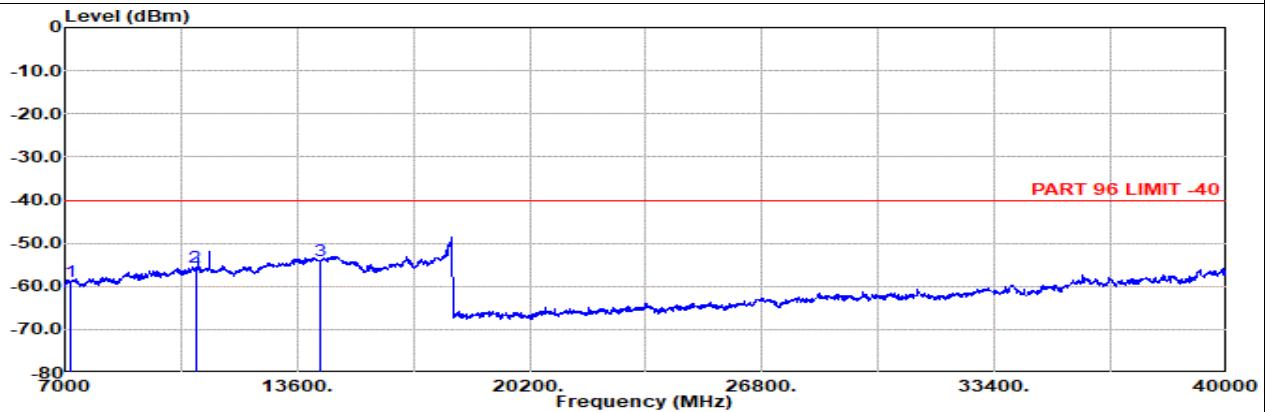
Site : 03CH16-HY

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	
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7138.00	-58.94	RMS	36.53	-52.29	1.05	-95.23	0.00	-40.00	-18.94	Horizontal
2	10707.00	-55.84	RMS	39.00	-49.69	0.45	-95.23	49.63	-40.00	-15.84	Horizontal
3	14276.00	-53.63	RMS	40.90	-46.74	0.45	-95.23	46.99	-40.00	-13.63	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	
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7138.00	-58.99	RMS	36.53	-52.29	1.05	-95.23	50.95	-40.00	-18.99	Vertical
2	10707.00	-55.66	RMS	39.00	-49.69	0.45	-95.23	49.81	-40.00	-15.66	Vertical
3	14276.00	-54.01	RMS	40.90	-46.74	0.45	-95.23	46.61	-40.00	-14.01	Vertical

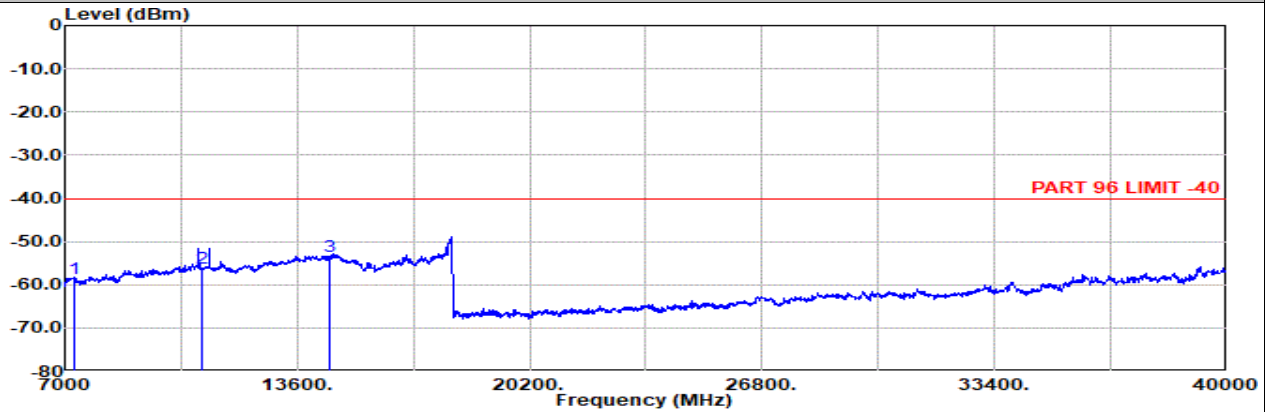


Ant 1

Part 96 Mode 2

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

M



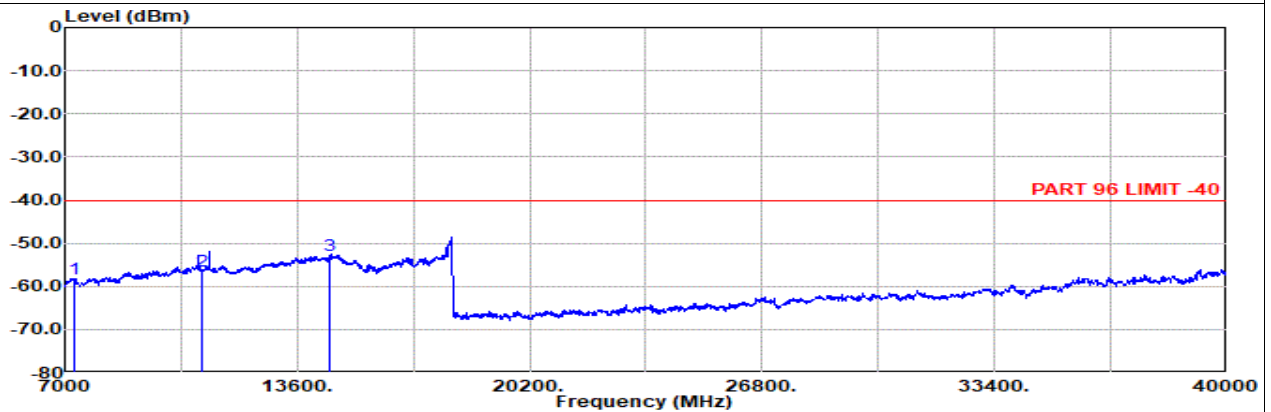
Site : 03CH16-HY

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	1				g		
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7248.00	-58.42	RMS	36.99	-52.18	0.92	-95.23	51.08	-40.00	-18.42	Horizontal
2	10872.00	-56.14	RMS	38.86	-49.29	0.45	-95.23	49.07	-40.00	-16.14	Horizontal
3	14496.00	-53.35	RMS	40.59	-46.69	0.47	-95.23	47.51	-40.00	-13.35	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 Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7248.00	-58.15	RMS	36.99	-52.18	0.92	-95.23	51.35	-40.00	-18.15	Vertical
2	10872.00	-56.42	RMS	38.86	-49.29	0.45	-95.23	48.79	-40.00	-16.42	Vertical
3	14496.00	-52.95	RMS	40.59	-46.69	0.47	-95.23	47.91	-40.00	-12.95	Vertical

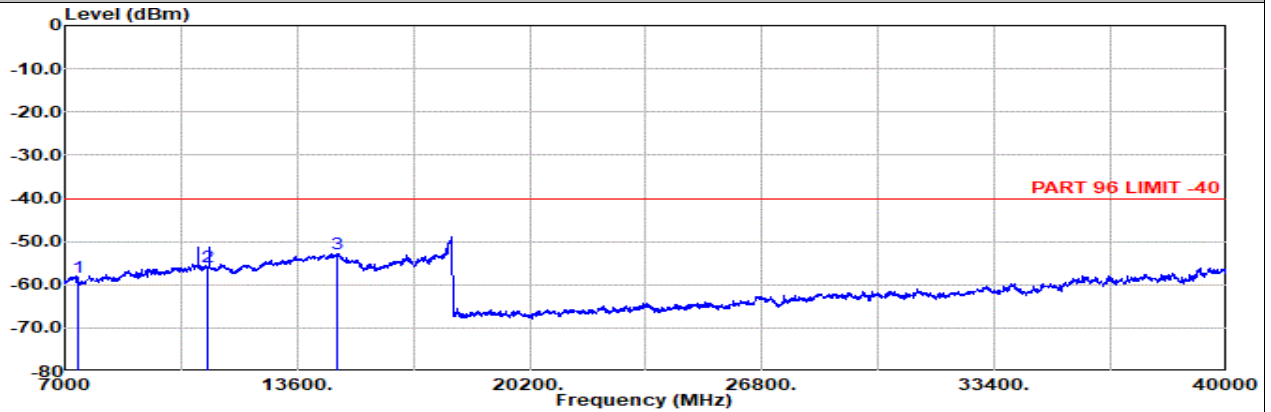


Ant 1

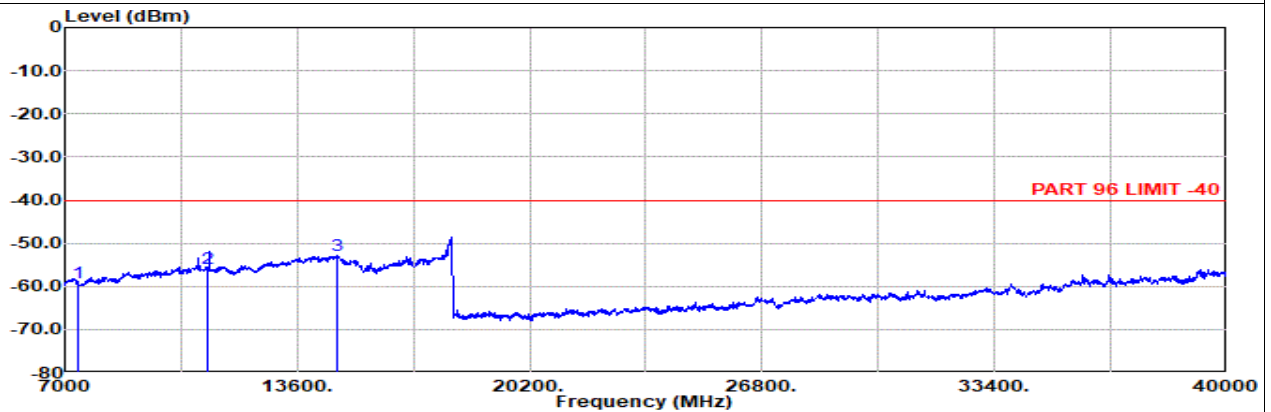
Part 96 Mode 2

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

H



	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF		Readin Limit		Margin Pol	
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-58.15	RMS	36.57	-52.05	0.90	-95.23	51.66	-40.00	-18.15	Horizontal
2	11037.00	-55.83	RMS	38.70	-48.96	0.44	-95.23	49.22	-40.00	-15.83	Horizontal
3	14716.00	-52.75	RMS	40.37	-46.60	0.50	-95.23	48.21	-40.00	-12.75	Horizontal



	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF		Readin Limit		Margin Pol	
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7358.00	-59.07	RMS	36.57	-52.05	0.90	-95.23	50.74	-40.00	-19.07	Vertical
2	11037.00	-55.93	RMS	38.70	-48.96	0.44	-95.23	49.12	-40.00	-15.93	Vertical
3	14716.00	-52.82	RMS	40.37	-46.60	0.50	-95.23	48.14	-40.00	-12.82	Vertical

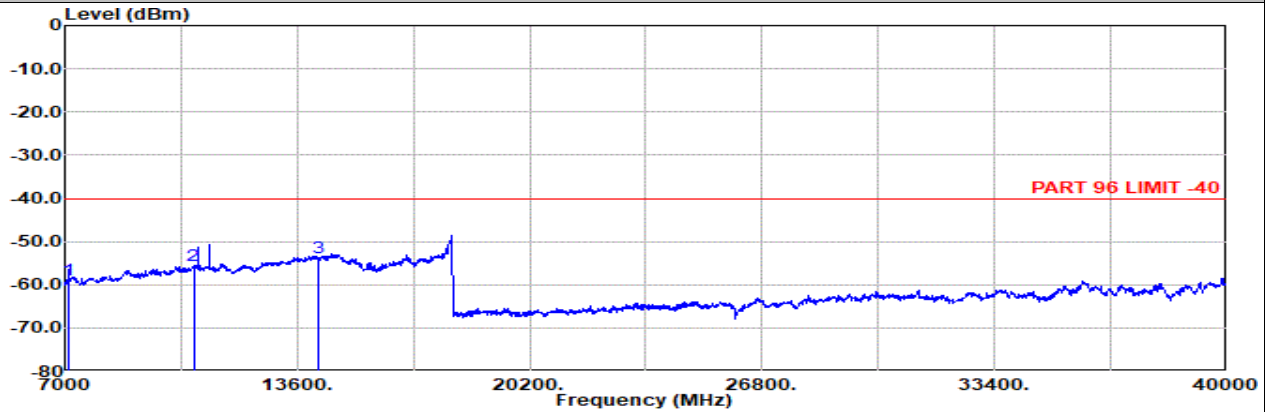


Ant 1+6

Part 96 Mode 5

LTE CA 5A-48A 10M + 10M Ch20450 1RB99 QPSK + Ch55290 1RB0 QPSK

L



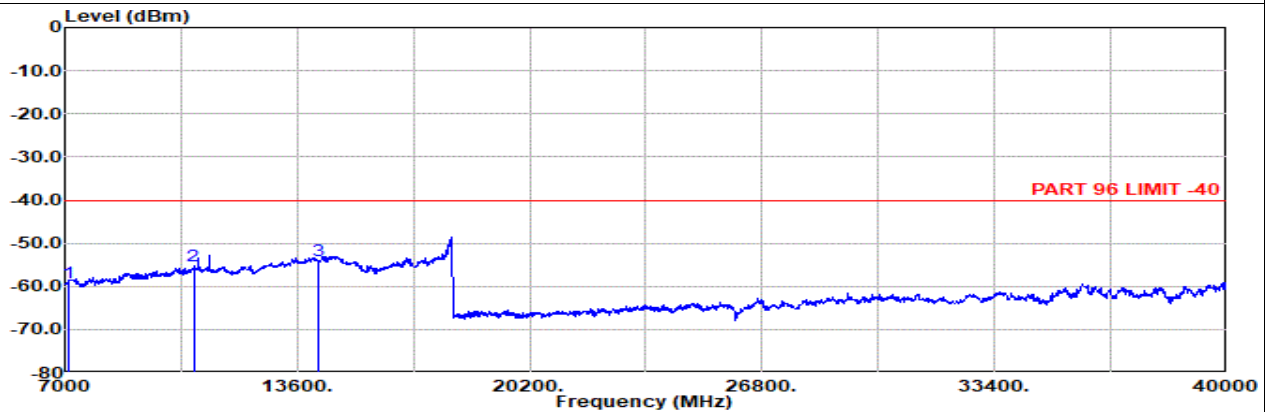
Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 5 10M Ch20450 1RB99 QPSK

: LTE Band 48 10M Ch55290 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin Pol	
	MHz	dBm		Factor	dB		dB	dBm	dB	
1	7099.00	-58.94	RMS	36.29	-52.33	1.13	-95.23	51.20	-40.00	-18.94 Horizontal
2	10652.00	-55.55	RMS	39.10	-49.82	0.45	-95.23	49.95	-40.00	-15.55 Horizontal
3	14205.00	-53.73	RMS	40.90	-46.75	0.44	-95.23	46.91	-40.00	-13.73 Horizontal



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 5 10M Ch20450 1RB99 QPSK

: LTE Band 48 10M Ch55290 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin Pol	
	MHz	dBm		Factor	dB		dB	dBm	dB	
1	7099.00	-59.22	RMS	36.29	-52.33	1.13	-95.23	50.92	-40.00	-19.22 Vertical
2	10652.00	-55.21	RMS	39.10	-49.82	0.45	-95.23	50.29	-40.00	-15.21 Vertical
3	14205.00	-54.08	RMS	40.90	-46.75	0.44	-95.23	46.56	-40.00	-14.08 Vertical

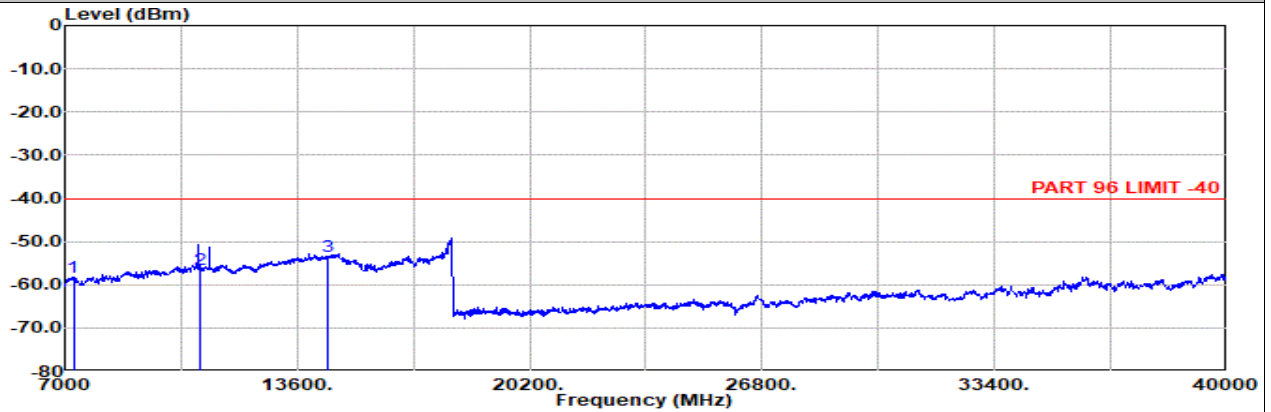


Ant 1+6

Part 96 Mode 5

LTE CA 5A-48A 10M + 10M Ch20525 1RB99 QPSK + Ch55990 1RB0 QPSK

M



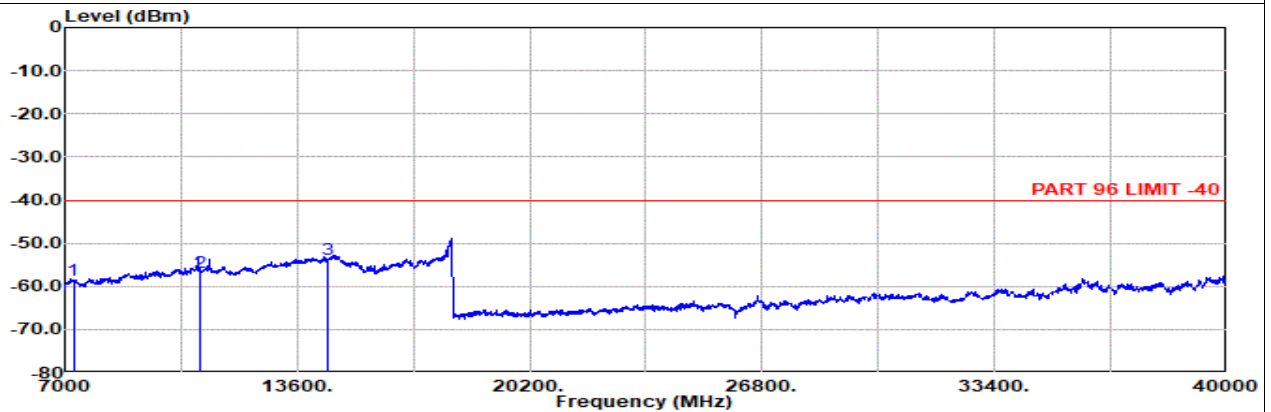
Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 5 10M Ch20525 1RB99 QPSK

: LTE Band 48 10M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7242.00	-58.21	RMS	36.97	-52.19	0.92	-95.23	51.32	-40.00	-18.21	Horizontal
2	10861.00	-56.50	RMS	38.88	-49.32	0.45	-95.23	48.72	-40.00	-16.50	Horizontal
3	14480.00	-53.47	RMS	40.56	-46.69	0.47	-95.23	47.42	-40.00	-13.47	Horizontal



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 5 10M Ch20525 1RB99 QPSK

: LTE Band 48 10M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7242.00	-58.62	RMS	36.97	-52.19	0.92	-95.23	50.91	-40.00	-18.62	Vertical
2	10861.00	-56.72	RMS	38.88	-49.32	0.45	-95.23	48.50	-40.00	-16.72	Vertical
3	14480.00	-53.75	RMS	40.56	-46.69	0.47	-95.23	47.14	-40.00	-13.75	Vertical

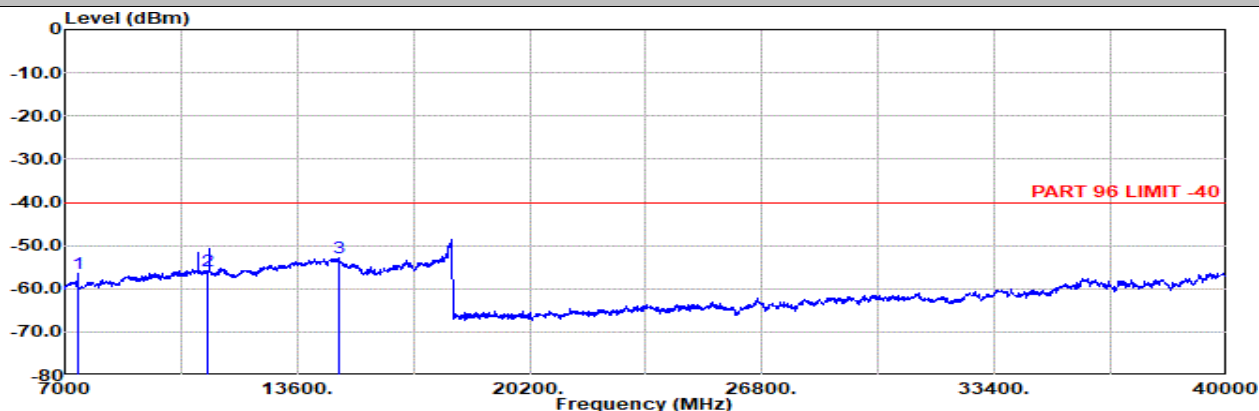


Ant 1+6

Part 96 Mode 5

LTE CA 5A-48A 10M + 10M Ch20600 1RB99 QPSK + Ch56690 1RB0 QPSK

H



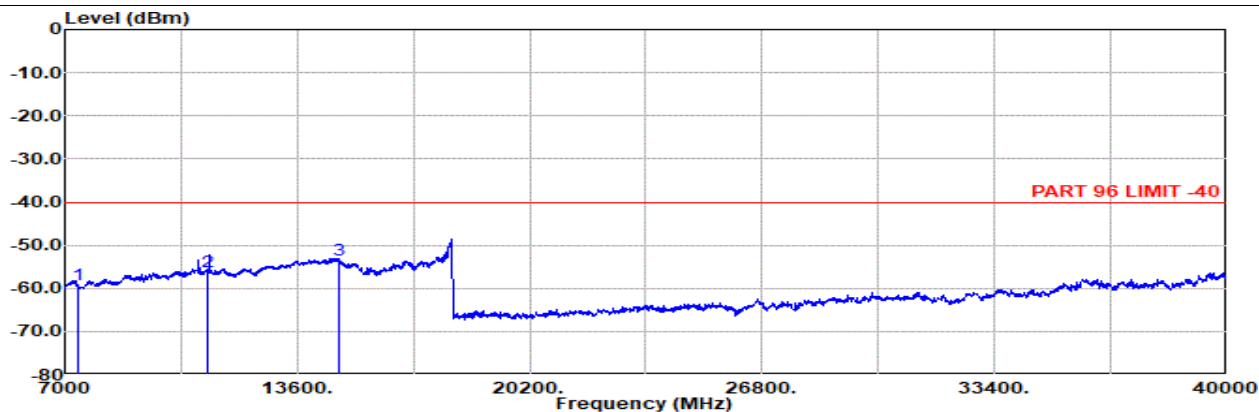
Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: LTE Band 5 10M Ch20600 1RB99 QPSK

: LTE Band 48 10M Ch56690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dBm		
1	7385.00	-56.52	RMS	36.46	-52.02	0.90	-95.23	53.37	-40.00	-16.52 Horizontal
2	11070.00	-55.91	RMS	38.70	-48.94	0.44	-95.23	49.12	-40.00	-15.91 Horizontal
3	14766.00	-52.74	RMS	40.27	-46.58	0.50	-95.23	48.30	-40.00	-12.74 Horizontal



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: LTE Band 5 10M Ch20600 1RB99 QPSK

: LTE Band 48 10M Ch56690 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dBm		
1	7385.00	-59.31	RMS	36.46	-52.02	0.90	-95.23	50.58	-40.00	-19.31 Vertical
2	11070.00	-56.28	RMS	38.70	-48.94	0.44	-95.23	48.75	-40.00	-16.28 Vertical
3	14766.00	-53.39	RMS	40.27	-46.58	0.50	-95.23	47.65	-40.00	-13.39 Vertical

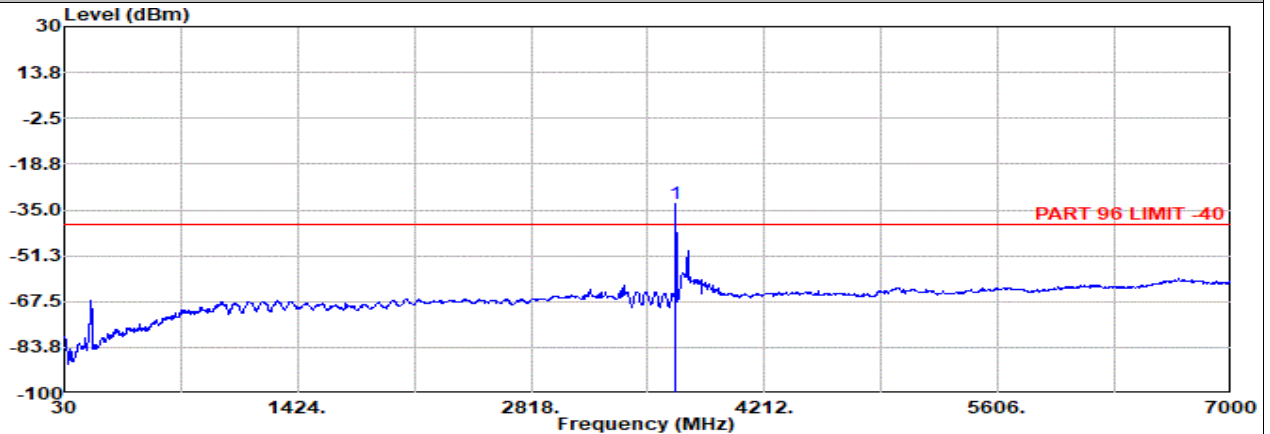


Ant 1

Part 96 Mode 1

LTE B48 20M Ch56640 1RB0 QPSK

H



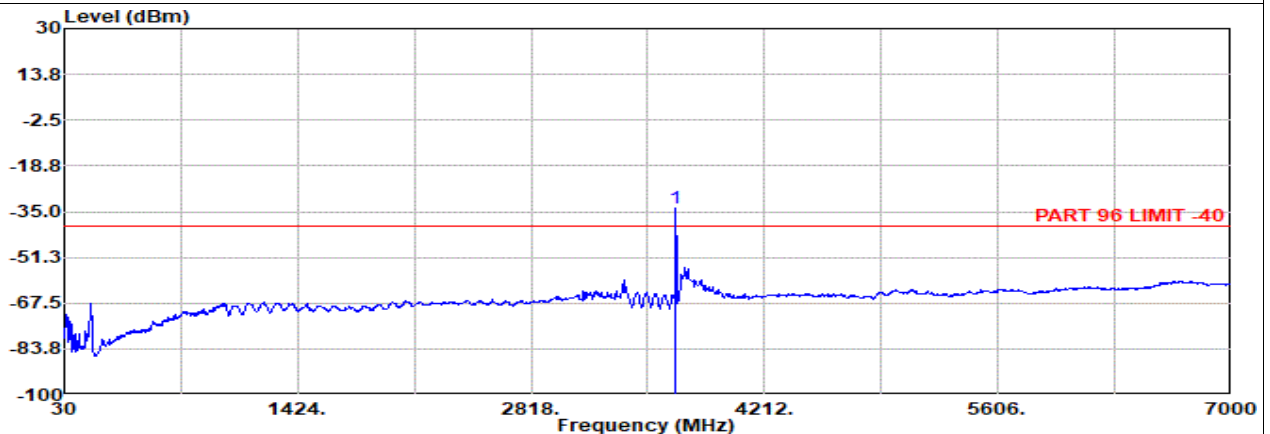
Site : 03CH16-HY

Condition: PART 96 LIMIT -40 3m 9120D-1522_240328 Horizontal

: LTE Band 48 20M Ch56640 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3682.00	-32.91	RMS	29.60	-57.23	0.60	-95.23	89.35	-40.00	7.09	Horizontal



Site : 03CH16-HY

Condition: PART 96 LIMIT -40 3m 9120D-1522_240328 Vertical

: LTE Band 48 20M Ch56640 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3682.00	-33.88	RMS	29.60	-57.23	0.60	-95.23	88.38	-40.00	6.12	Vertical

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