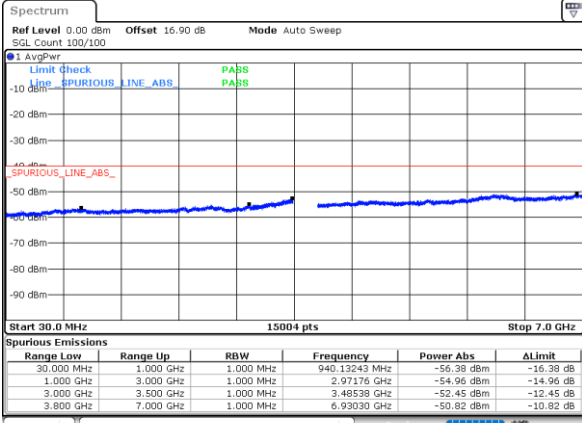


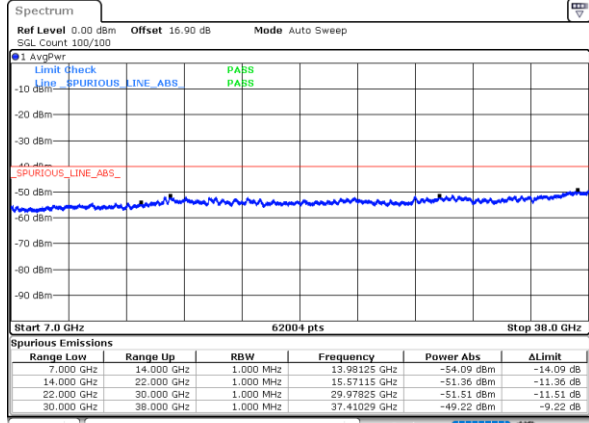


LTE Band 48 / 10MHz

Lowest Channel / QPSK

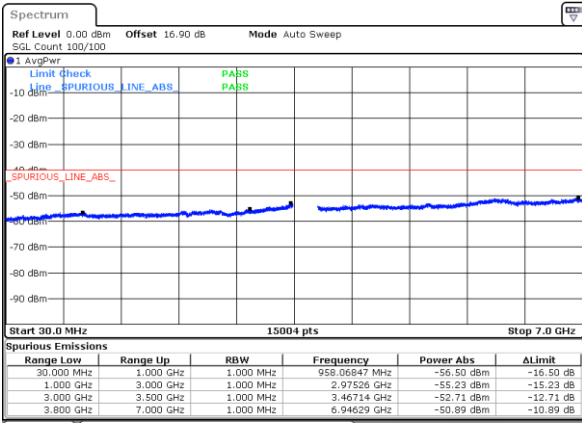


Date: 15.FEB.2024 00:50:27

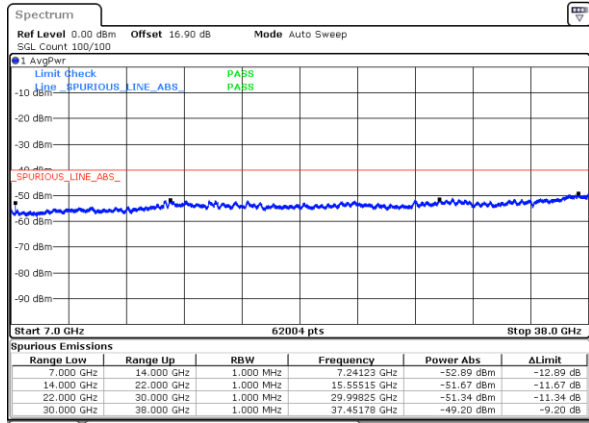


Date: 15.FEB.2024 01:44:14

Middle Channel / QPSK

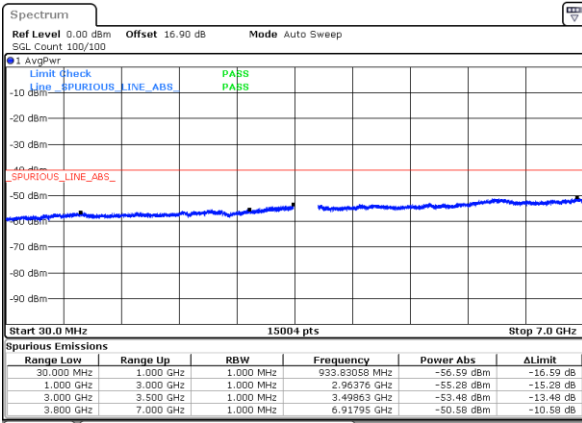


Date: 15.FEB.2024 00:51:28

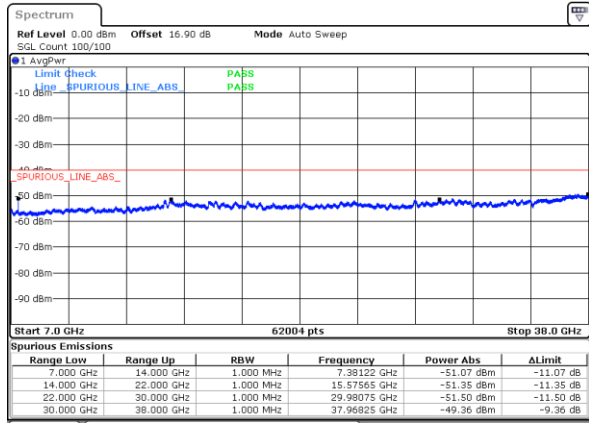


Date: 15.FEB.2024 01:45:14

Highest Channel / QPSK



Date: 15.FEB.2024 00:52:29

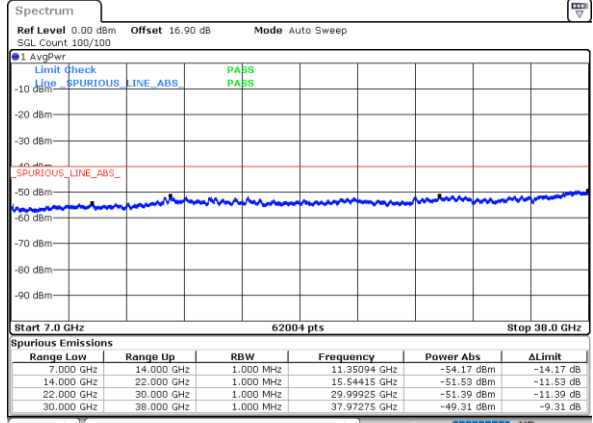
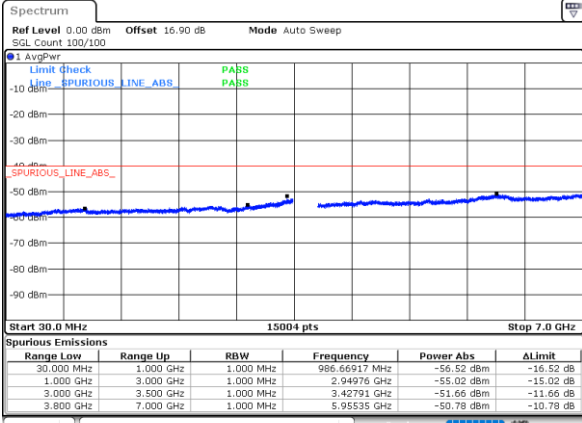


Date: 15.FEB.2024 01:46:33



LTE Band 48 / 15MHz

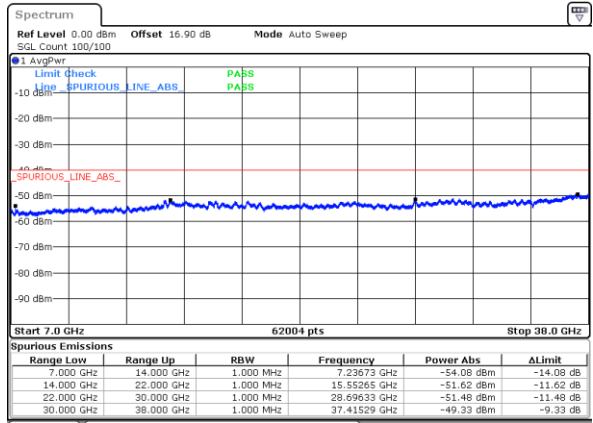
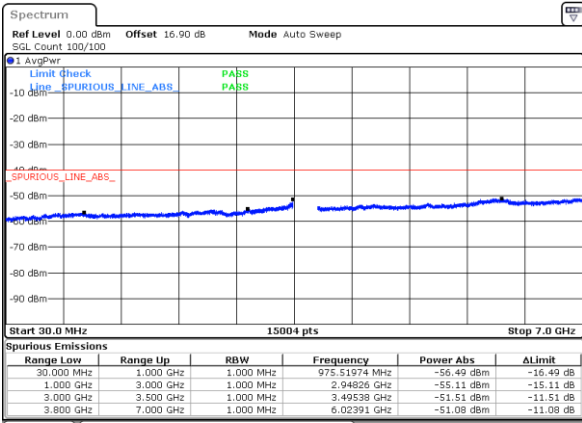
Lowest Channel / QPSK



Date: 15.FEB.2024 00:53:32

Date: 15.FEB.2024 01:50:45

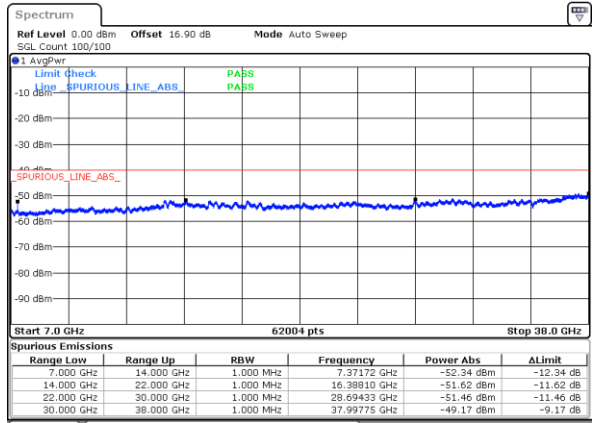
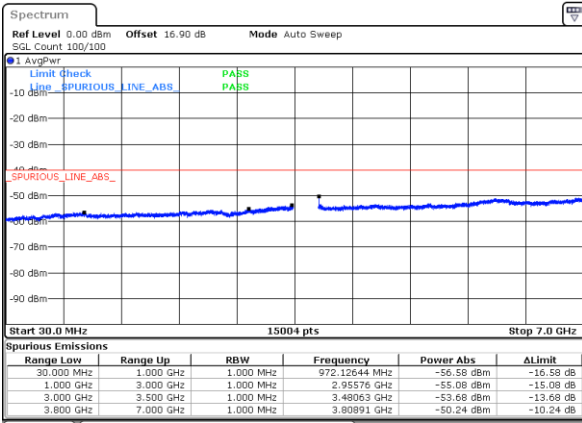
Middle Channel / QPSK



Date: 15.FEB.2024 00:54:33

Date: 15.FEB.2024 01:50:55

Highest Channel / QPSK



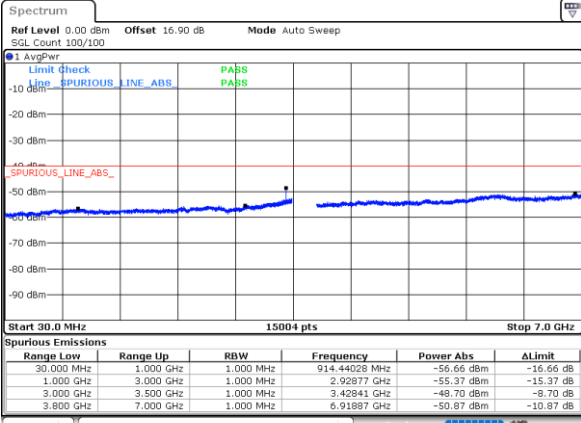
Date: 15.FEB.2024 00:55:34

Date: 15.FEB.2024 01:50:04

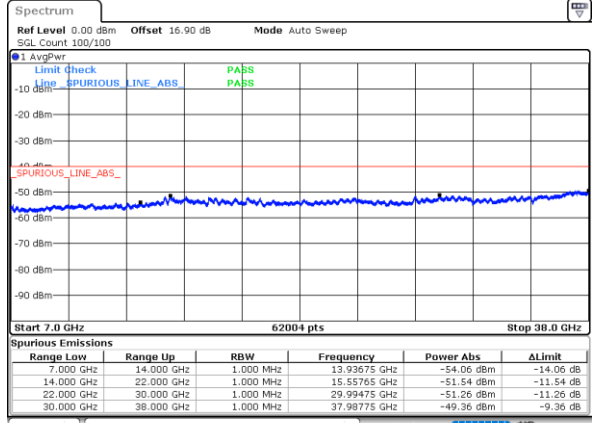


LTE Band 48 / 20MHz

Lowest Channel / QPSK

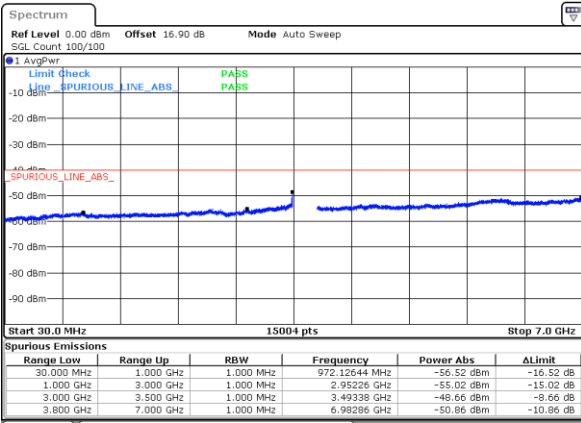


Date: 15.FEB.2024 01:02:49

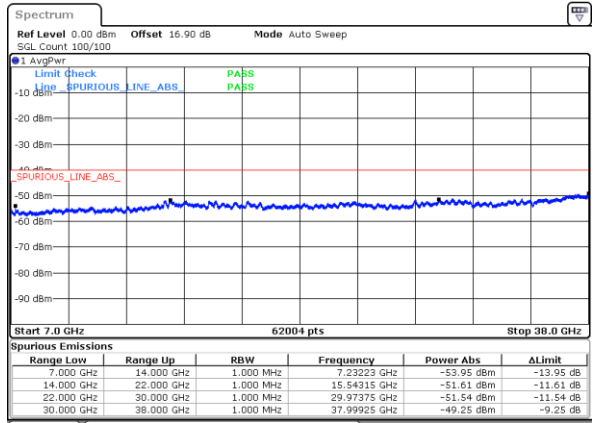


Date: 15.FEB.2024 01:54:17

Middle Channel / QPSK

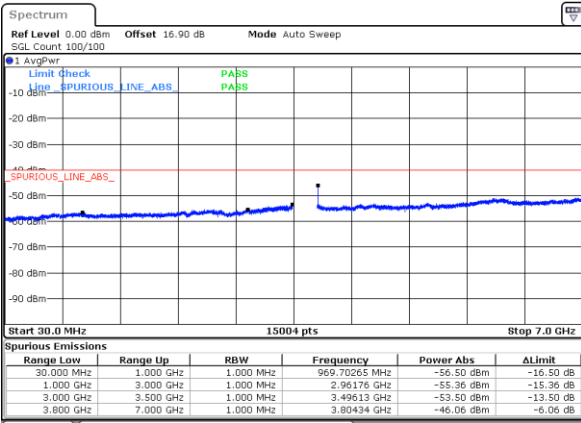


Date: 15.FEB.2024 01:03:50

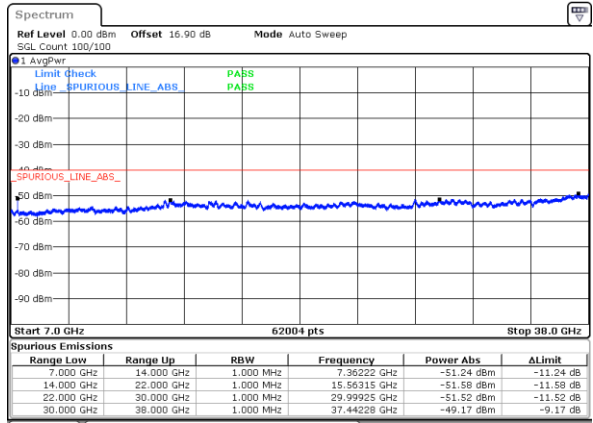


Date: 15.FEB.2024 01:55:26

Highest Channel / QPSK



Date: 15.FEB.2024 01:04:50



Date: 15.FEB.2024 01:56:36



**Frequency Stability**

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

**Note:**

- 1. Normal Voltage = 3.89 V. ; Battery End Point (ACLRP) = 3.6 V. ; Maximum Voltage = 4.5 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

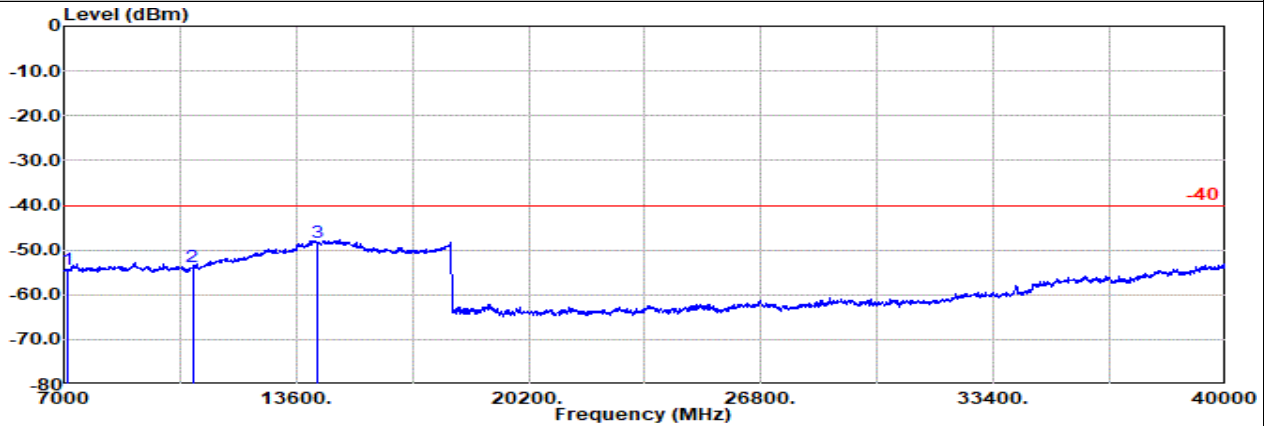
### B.1. Summary of each worse mode

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	H	14724	-48.17	RMS	42.70	-21.09	0.50	-95.23	24.95	-40.00	-8.17	V	6
2	Part 96	LTE B48	H	14724	-47.94	RMS	42.70	-21.09	0.50	-95.23	25.18	-40.00	-7.94	V	1



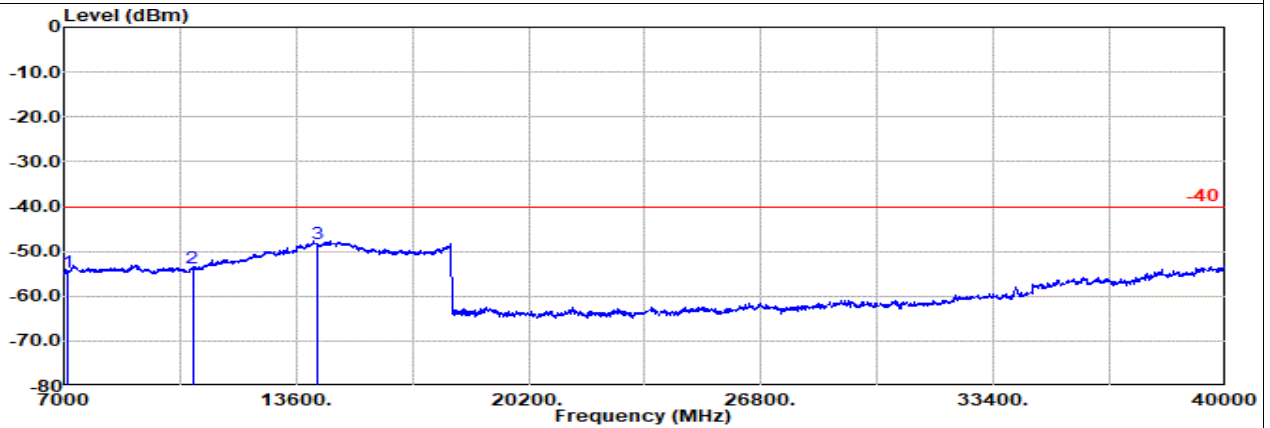
Ant. 6

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



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	7102.00	-54.44	RMS	36.80	-20.57	1.10	-95.23	23.46	-40.00	-14.44	Horizontal	
2	10653.00	-53.81	RMS	37.50	-20.63	0.51	-95.23	24.04	-40.00	-13.81	Horizontal	
3	14204.00	-48.17	RMS	42.19	-20.69	0.46	-95.23	25.10	-40.00	-8.17	Horizontal	



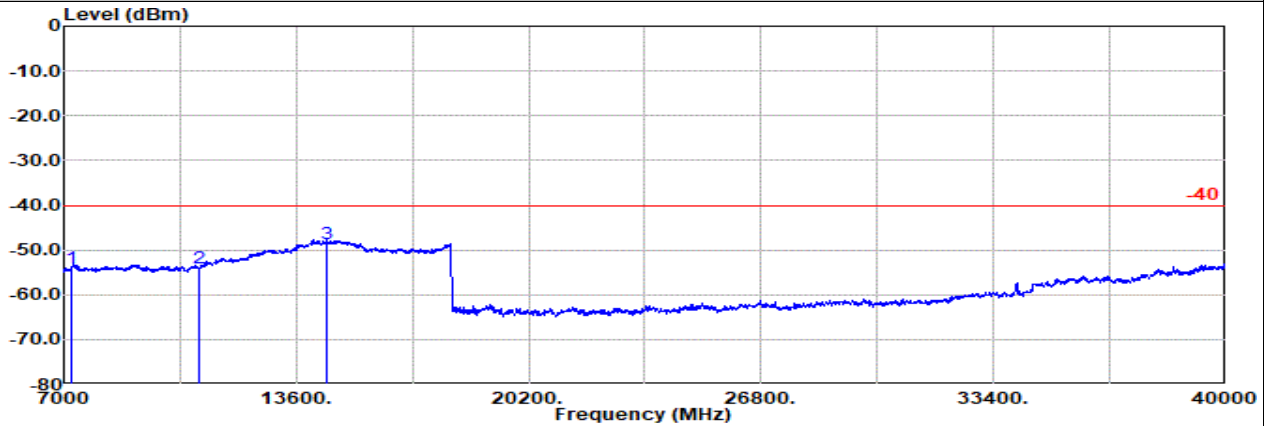
Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp	\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	7102.00	-54.73	RMS	36.80	-20.57	1.10	-95.23	23.17	-40.00	-14.73	Vertical	
2	10653.00	-53.67	RMS	37.50	-20.63	0.51	-95.23	24.18	-40.00	-13.67	Vertical	
3	14204.00	-48.35	RMS	42.19	-20.69	0.46	-95.23	24.92	-40.00	-8.35	Vertical	



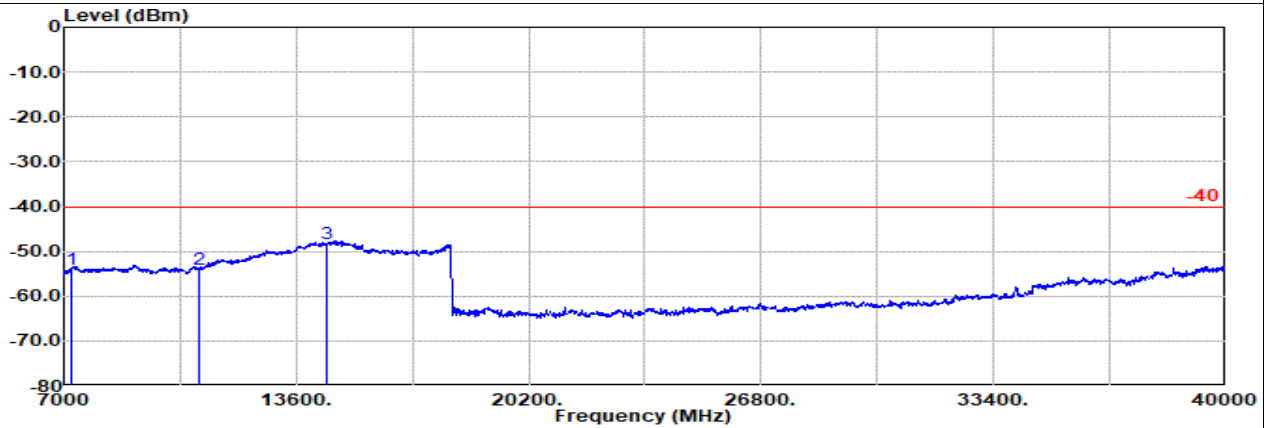
Ant. 6

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



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	7232.00	-53.95	RMS	37.36	-20.52	0.98	-95.23	-95.23	23.46	-40.00	-13.95	Horizontal
2	10848.00	-54.16	RMS	37.60	-20.56	0.52	-95.23	-95.23	23.51	-40.00	-14.16	Horizontal
3	14464.00	-48.63	RMS	42.23	-20.91	0.48	-95.23	-95.23	24.80	-40.00	-8.63	Horizontal



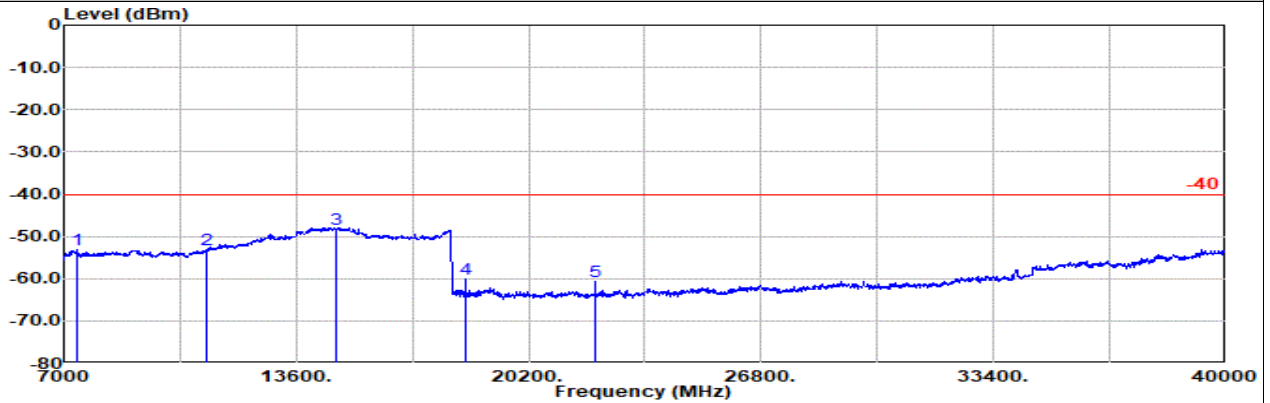
Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB	dBuV	dBm	dB	
1	7232.00	-53.91	RMS	37.36	-20.52	0.98	-95.23	-95.23	23.50	-40.00	-13.91	Vertical
2	10848.00	-54.18	RMS	37.60	-20.56	0.52	-95.23	-95.23	23.49	-40.00	-14.18	Vertical
3	14464.00	-48.21	RMS	42.23	-20.91	0.48	-95.23	-95.23	25.22	-40.00	-8.21	Vertical



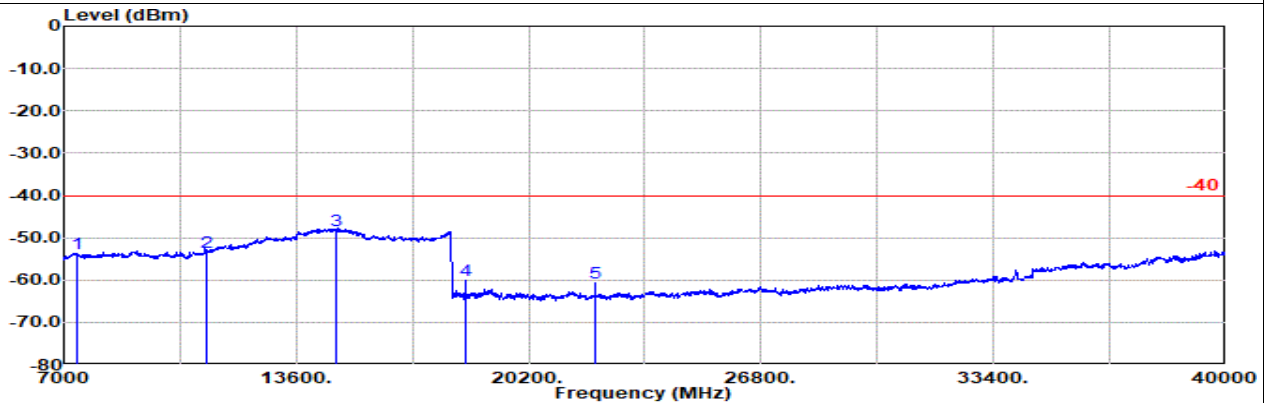
Ant. 6

**Part 96 Mode 1**  
**LTE B48 20M Ch56640 1RB0 QPSK**  
**H**



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE Band 48 20M Ch56640 1RB0 QPSK

1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm									
7362.00	-53.01	RMS	37.48	-20.45	0.93	-95.23	24.26	-40.00	-13.01	Horizontal
11043.00	-53.14	RMS	38.07	-20.49	0.53	-95.23	23.98	-40.00	-13.14	Horizontal
14724.00	-48.21	RMS	42.70	-21.09	0.50	-95.23	24.91	-40.00	-8.21	Horizontal
18405.45	-59.98	RMS	37.89	-39.51	-9.54	-95.23	46.41	-40.00	-19.98	Horizontal
22086.54	-60.65	RMS	38.25	-33.73	-9.54	-95.23	39.60	-40.00	-20.65	Horizontal



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE Band 48 20M Ch56640 1RB0 QPSK

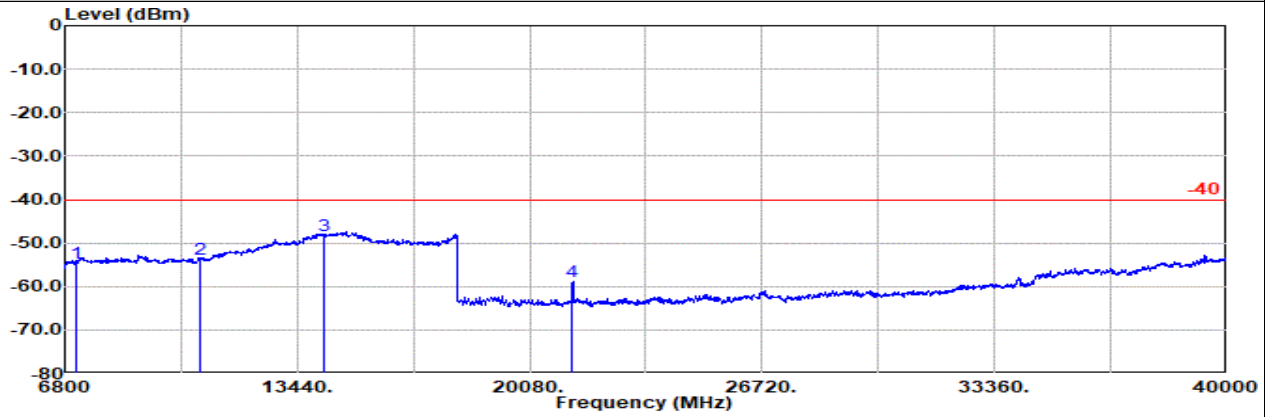
1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm									
7362.00	-53.86	RMS	37.48	-20.45	0.93	-95.23	23.41	-40.00	-13.86	Vertical
11043.00	-53.40	RMS	38.07	-20.49	0.53	-95.23	23.72	-40.00	-13.40	Vertical
14724.00	-48.17	RMS	42.70	-21.09	0.50	-95.23	24.95	-40.00	-8.17	Vertical
18405.45	-60.03	RMS	37.89	-39.51	-9.54	-95.23	46.36	-40.00	-20.03	Vertical
22086.54	-60.60	RMS	38.25	-33.73	-9.54	-95.23	39.65	-40.00	-20.60	Vertical





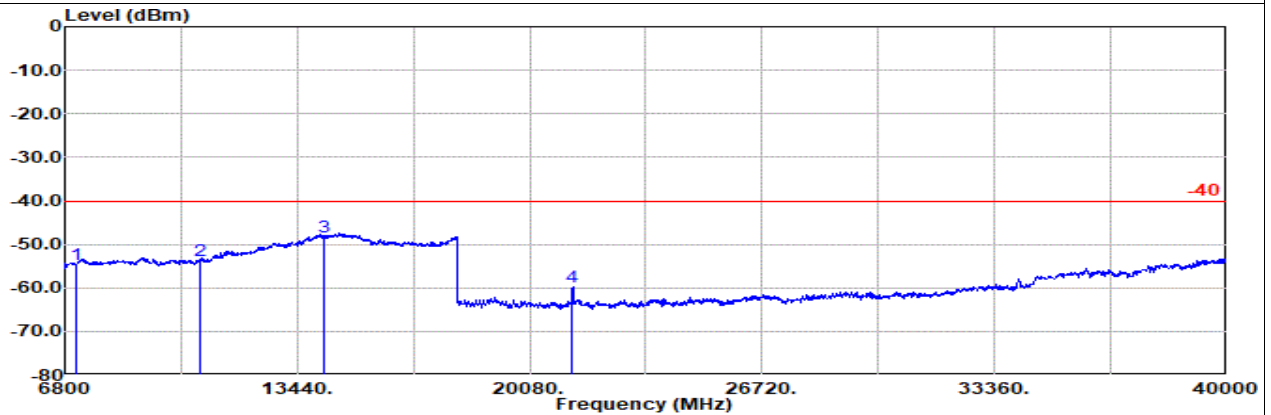
Ant. 1

**Part 96 Mode 2**  
**LTE B48 20M Ch55340 1RB0 QPSK**  
**L**



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE B48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	l						
1	7102.00	-54.68	RMS	36.80	-20.57	1.10	-95.23	23.22	-40.00	-14.68	Horizontal
2	10653.00	-53.76	RMS	37.50	-20.63	0.51	-95.23	24.09	-40.00	-13.76	Horizontal
3	14204.00	-48.26	RMS	42.19	-20.69	0.46	-95.23	25.01	-40.00	-8.26	Horizontal
4	21306.00	-58.93	RMS	38.19	-34.67	-9.54	-95.23	42.32	-40.00	-18.93	Horizontal



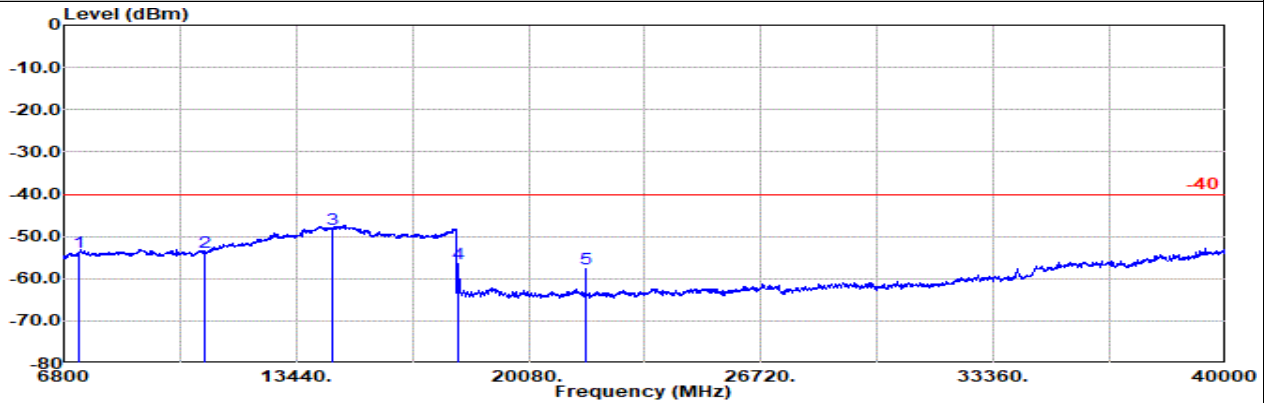
Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE B48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	l						
1	7102.00	-54.61	RMS	36.80	-20.57	1.10	-95.23	23.29	-40.00	-14.61	Vertical
2	10653.00	-53.72	RMS	37.50	-20.63	0.51	-95.23	24.13	-40.00	-13.72	Vertical
3	14204.00	-48.20	RMS	42.19	-20.69	0.46	-95.23	25.07	-40.00	-8.20	Vertical
4	21306.00	-59.73	RMS	38.19	-34.67	-9.54	-95.23	41.52	-40.00	-19.73	Vertical



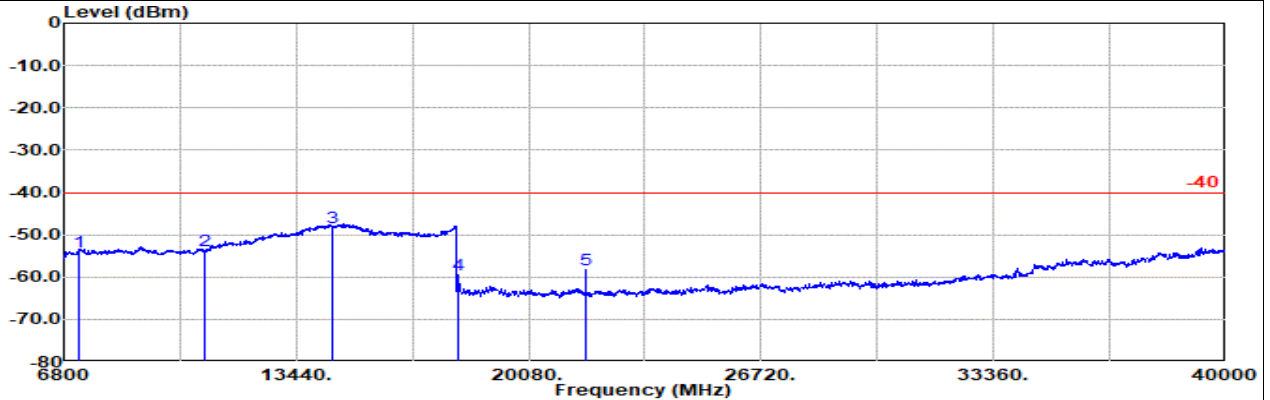
Ant. 1

**Part 96 Mode 2**  
**LTE B48 20M Ch55990 1RB0 QPSK**  
**M**



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE B48 20M Ch55990 1RB0 QPSK

1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7232.00	-53.68	RMS	37.36	-20.52	0.98	-95.23	23.73	-40.00	-13.68	Horizontal
10848.00	-53.73	RMS	37.60	-20.56	0.52	-95.23	23.94	-40.00	-13.73	Horizontal
14464.00	-48.21	RMS	42.23	-20.91	0.48	-95.23	25.22	-40.00	-8.21	Horizontal
18080.00	-56.58	RMS	37.60	-39.54	-9.54	-95.23	50.13	-40.00	-16.58	Horizontal
21696.00	-57.57	RMS	38.29	-34.04	-9.54	-95.23	42.95	-40.00	-17.57	Horizontal



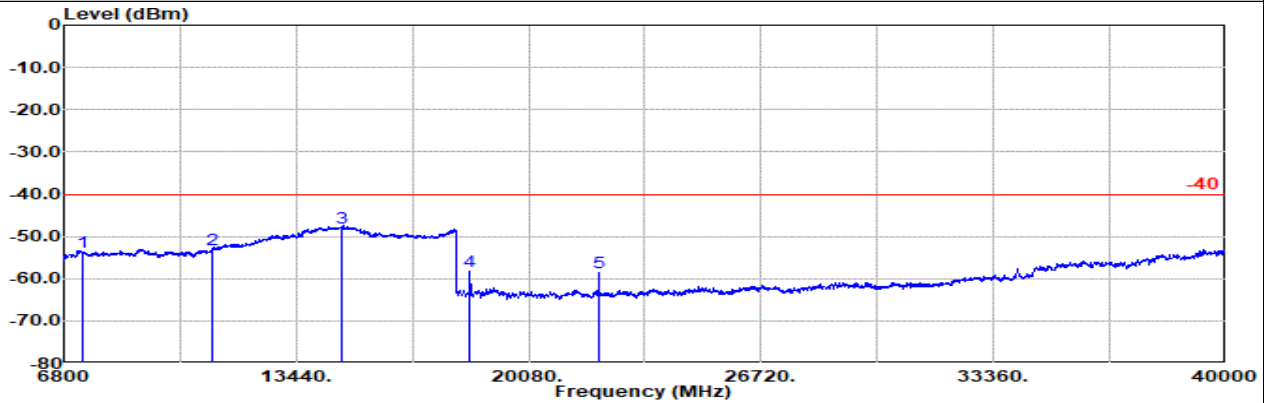
Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE B48 20M Ch55990 1RB0 QPSK

1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
7232.00	-53.91	RMS	37.36	-20.52	0.98	-95.23	23.50	-40.00	-13.91	Vertical
10848.00	-53.83	RMS	37.60	-20.56	0.52	-95.23	23.84	-40.00	-13.83	Vertical
14464.00	-48.43	RMS	42.23	-20.91	0.48	-95.23	25.00	-40.00	-8.43	Vertical
18080.00	-59.45	RMS	37.60	-39.54	-9.54	-95.23	47.26	-40.00	-19.45	Vertical
21696.00	-58.39	RMS	38.29	-34.04	-9.54	-95.23	42.13	-40.00	-18.39	Vertical



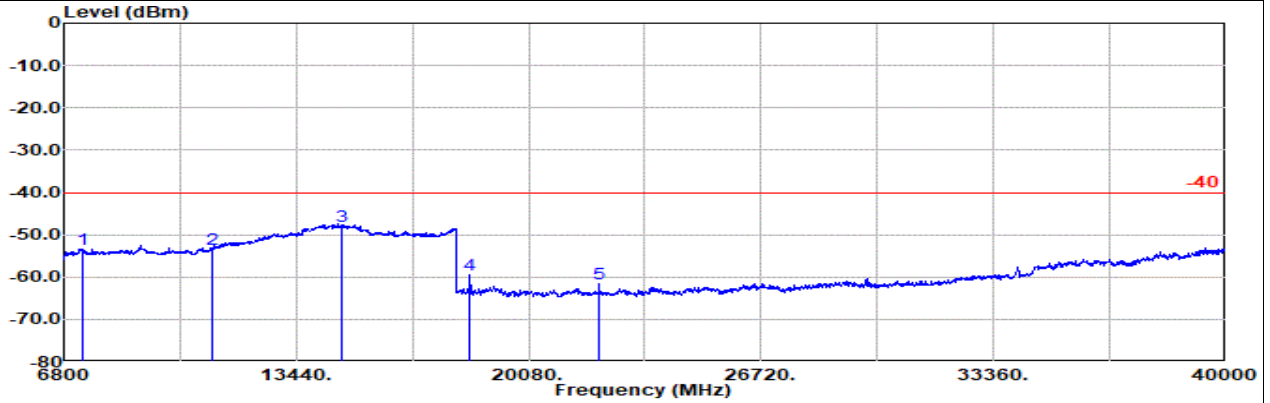
Ant. 1

**Part 96 Mode 2**  
**LTE B48 20M Ch56640 1RB0 QPSK**  
**H**



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE B48 20M Ch56640 1RB0 QPSK

1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
7362.00	-53.61	RMS	37.48	-20.45	0.93	-95.23	23.66	-40.00	-13.61	Horizontal
11043.00	-53.05	RMS	38.07	-20.49	0.53	-95.23	24.07	-40.00	-13.05	Horizontal
14724.00	-48.11	RMS	42.70	-21.09	0.50	-95.23	25.01	-40.00	-8.11	Horizontal
18405.00	-58.18	RMS	37.89	-39.51	-9.54	-95.23	48.21	-40.00	-18.18	Horizontal
22086.00	-58.50	RMS	38.26	-33.73	-9.54	-95.23	41.74	-40.00	-18.50	Horizontal



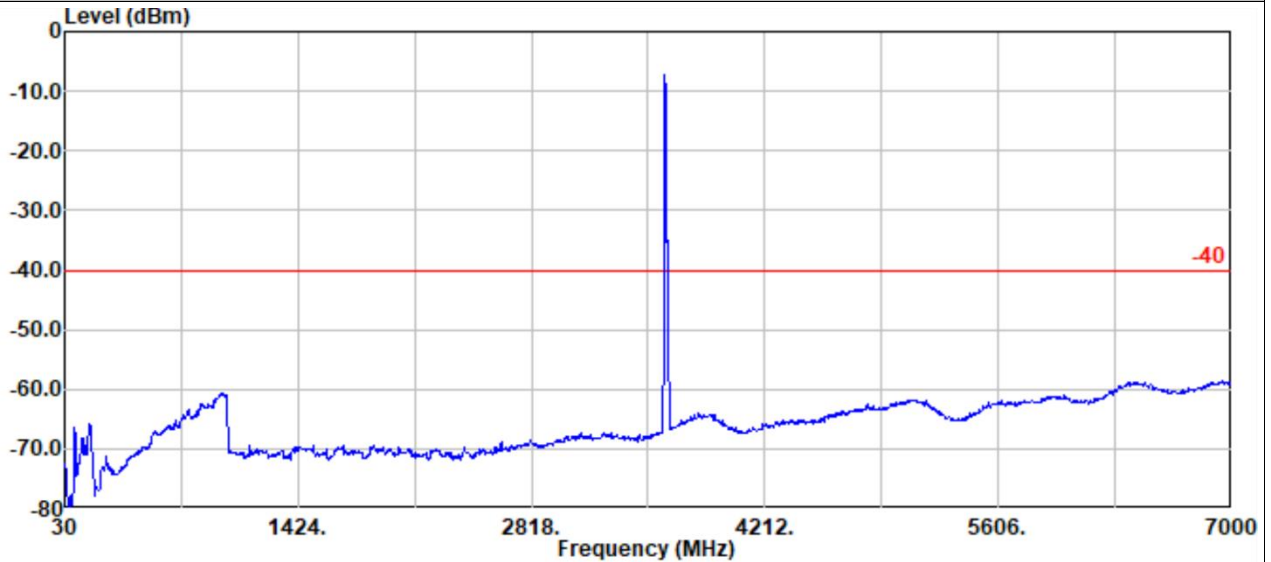
Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE B48 20M Ch56640 1RB0 QPSK

1	2	3	4	5						
Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
7362.00	-53.49	RMS	37.48	-20.45	0.93	-95.23	23.78	-40.00	-13.49	Vertical
11043.00	-53.29	RMS	38.07	-20.49	0.53	-95.23	23.83	-40.00	-13.29	Vertical
14724.00	-47.94	RMS	42.70	-21.09	0.50	-95.23	25.18	-40.00	-7.94	Vertical
18405.00	-59.55	RMS	37.89	-39.51	-9.54	-95.23	46.84	-40.00	-19.55	Vertical
22086.00	-61.47	RMS	38.26	-33.73	-9.54	-95.23	38.77	-40.00	-21.47	Vertical

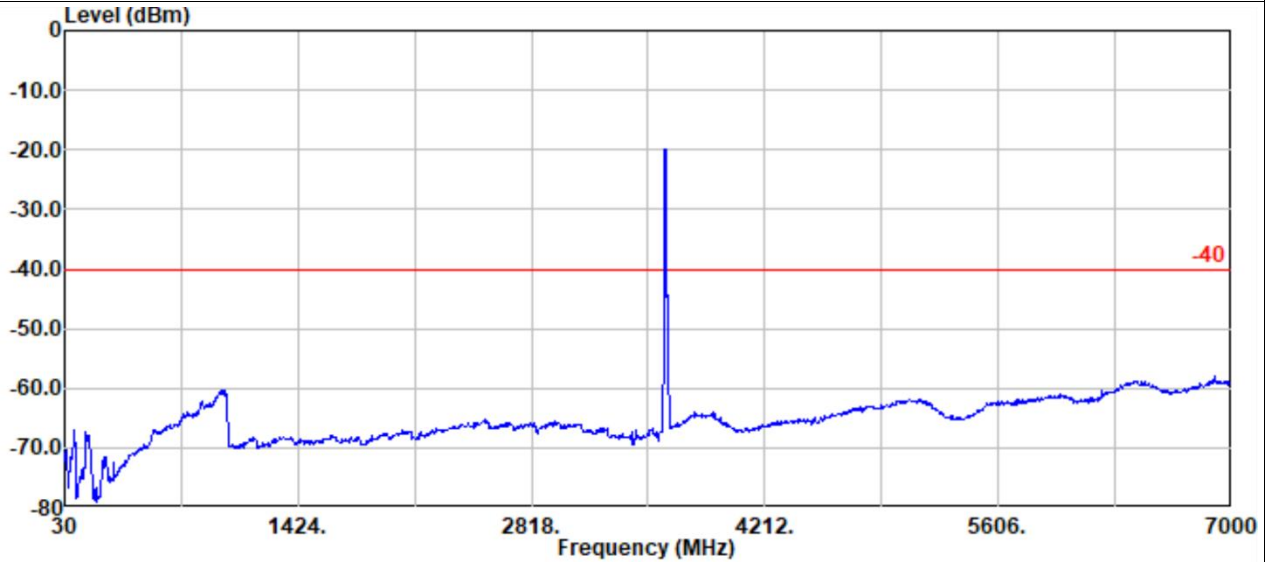


Ant. 1

Part 96 Mode 2  
LTE B48 20M Ch56640 1RB0 QPSK  
H



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Horizontal  
: LTE Band 48 20M Ch56640 1RB0 BPSK



Site : 03CH22-HY  
Condition: -40 3m DRH18-E\_LE2C04A18EN Vertical  
: LTE Band 48 20M Ch56640 1RB0 BPSK

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

—————THE END—————