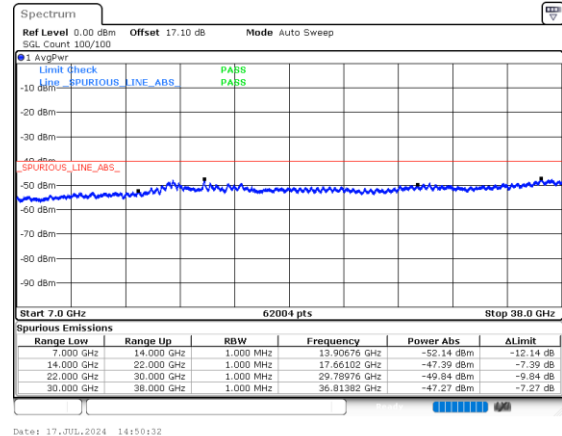
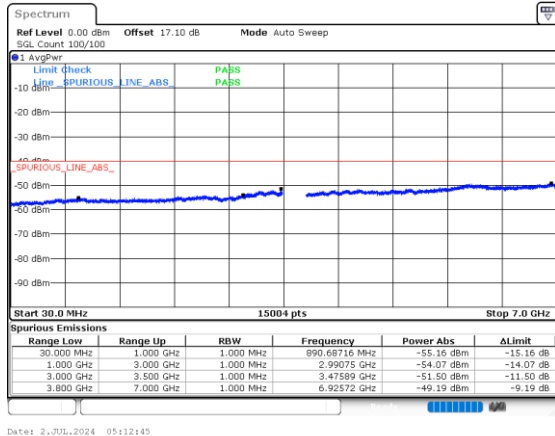




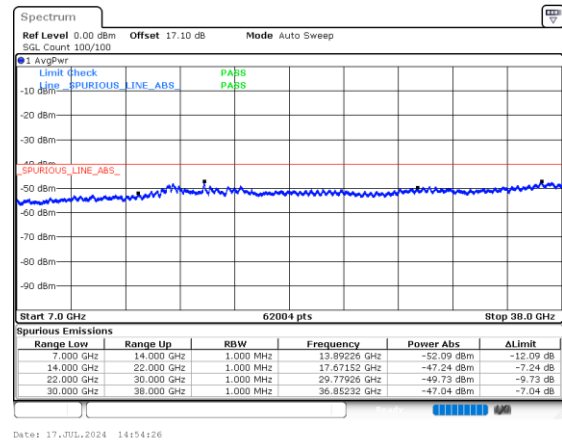
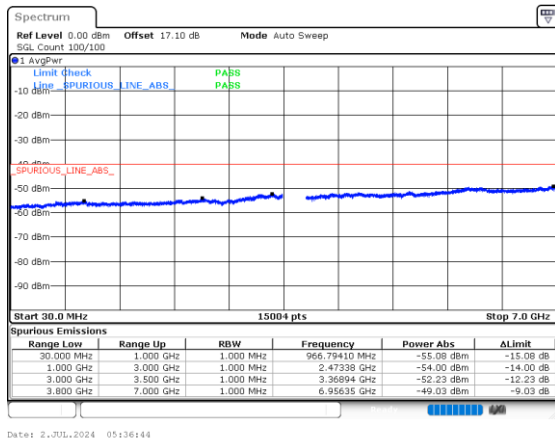
LTE Band 48C / 20MHz+20MHz

QPSK

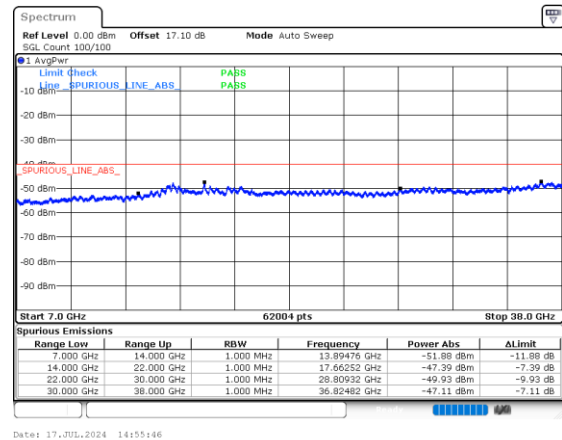
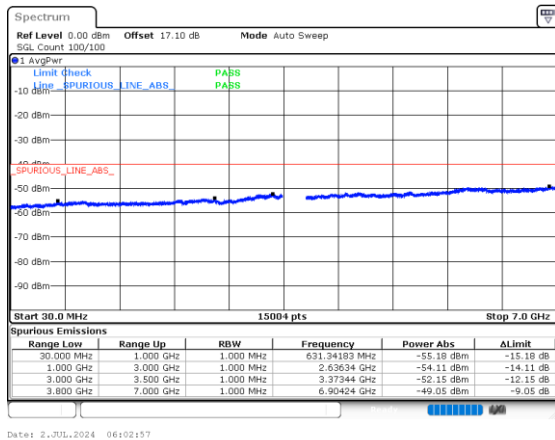
Lowest Channel / 1RB0 and 1RB99



MiddleChannel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

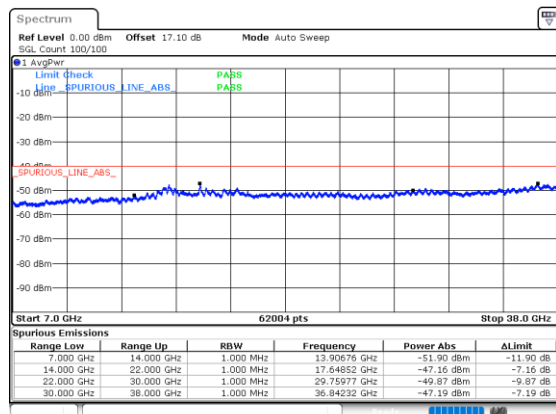
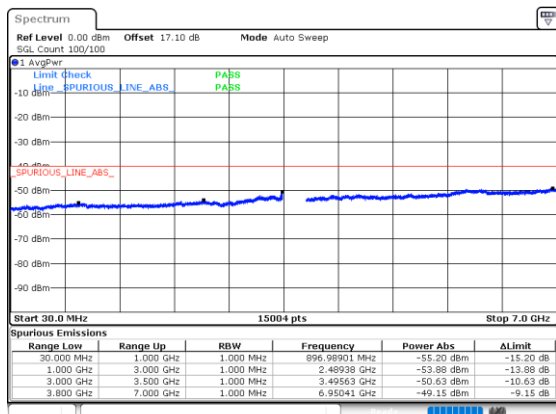




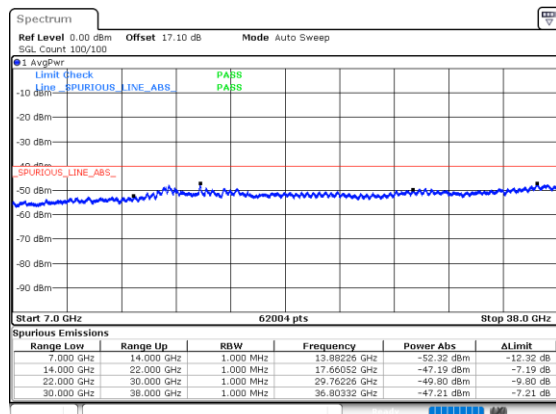
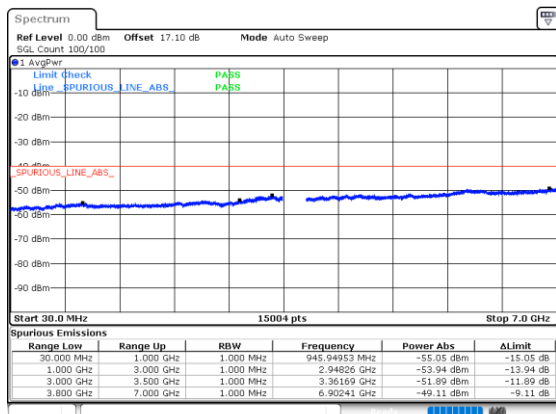
LTE Band 48C / 20MHz+20MHz

QPSK

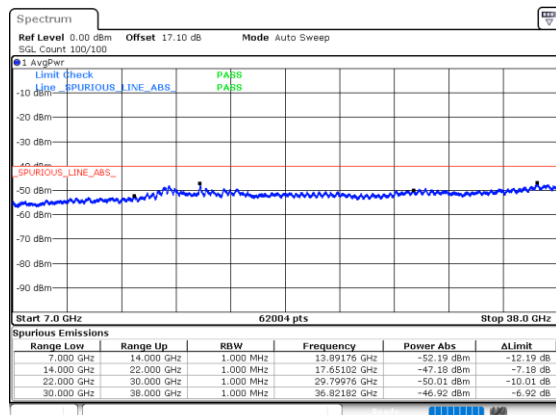
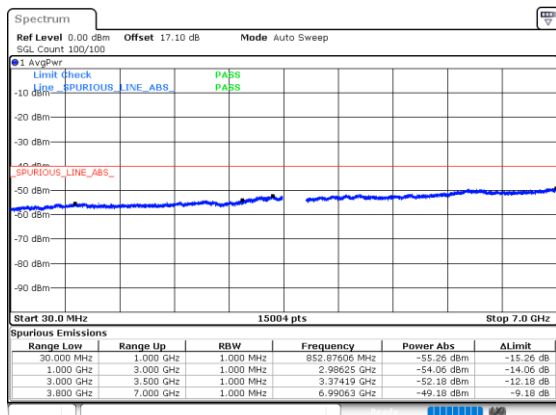
Lowest Channel / 1RB99 and 1RB0



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
165	Part 96	LTE B48	M	18088	-54.74	RMS	37.88	-40.59	-9.54	-95.23	52.74	-40.00	-14.74	V	2
166	Part 96	LTE B48	H	11048	-45.09	RMS	38.71	-43.87	0.29	-95.23	55.01	-40.00	-5.09	H	0
167	Part 96	LTE B48	M	14469	-43.89	RMS	40.30	-41.86	0.00	-95.23	52.90	-40.00	-3.89	H	1
168	Part 96	LTE B48	M	14469	-40.45	RMS	40.30	-41.86	0.00	-95.23	56.34	-40.00	-0.45	H	3
169	Part 96	LTE CA B48C	H	11048	-42.20	RMS	38.71	-43.78	0.29	-95.23	57.81	-40.00	-2.20	H	2
170	Part 96	LTE CA B48C	M	10883	-45.14	RMS	39.13	-43.14	0.29	-95.23	53.81	-40.00	-5.14	H	0
171	Part 96	LTE CA B48C	M	10883	-43.17	RMS	39.13	-43.14	0.29	-95.23	55.78	-40.00	-3.17	H	1
172	Part 96	LTE CA B48C	M	10872	-46.60	RMS	39.16	-43.71	0.29	-95.23	52.89	-40.00	-6.60	V	3

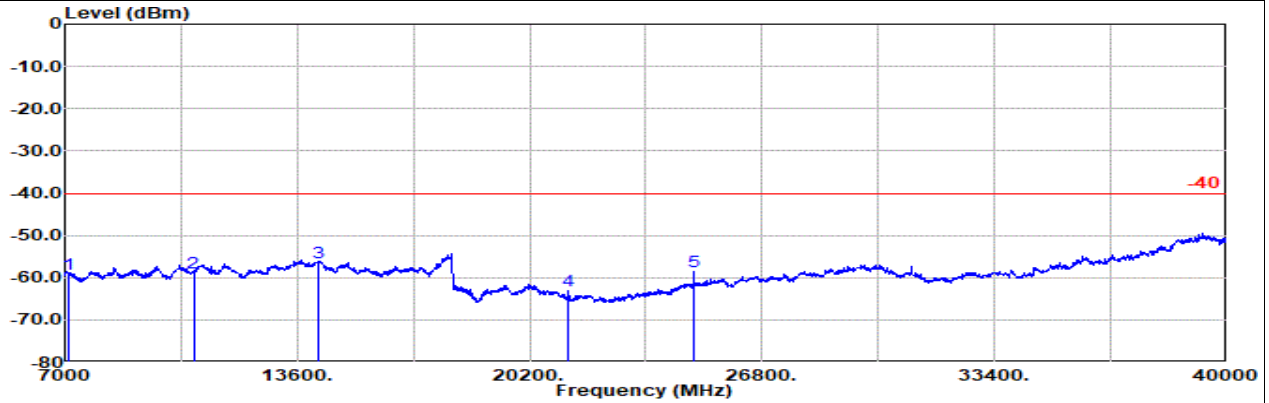


Ant. 2

Part 96 Mode 165

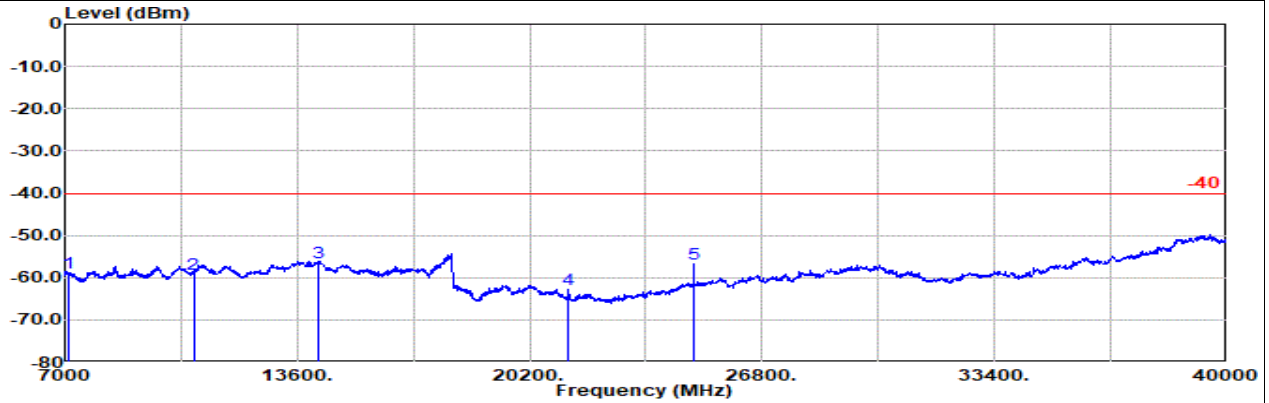
LTE B48 20M Ch55340 1RB0 QPSK

L



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	dB						
1	7102.18	-59.12	RMS	36.31	-43.95	1.00	-95.23	42.75	-40.00	-19.12	Horizontal
2	10653.27	-58.79	RMS	39.30	-42.84	0.28	-95.23	39.70	-40.00	-18.79	Horizontal
3	14204.36	-56.60	RMS	40.69	-42.64	-0.04	-95.23	40.62	-40.00	-16.60	Horizontal
4	21312.00	-63.00	RMS	37.90	-35.61	-9.54	-95.23	39.48	-40.00	-23.00	Horizontal
5	24864.00	-58.53	RMS	39.27	-31.54	-9.54	-95.23	38.51	-40.00	-18.53	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	dB						
1	7102.18	-58.80	RMS	36.31	-43.95	1.00	-95.23	43.07	-40.00	-18.80	Vertical
2	10653.27	-59.19	RMS	39.30	-42.84	0.28	-95.23	39.30	-40.00	-19.19	Vertical
3	14204.36	-56.42	RMS	40.69	-42.64	-0.04	-95.23	40.80	-40.00	-16.42	Vertical
4	21312.00	-62.92	RMS	37.90	-35.61	-9.54	-95.23	39.56	-40.00	-22.92	Vertical
5	24864.00	-56.74	RMS	39.27	-31.54	-9.54	-95.23	40.30	-40.00	-16.74	Vertical

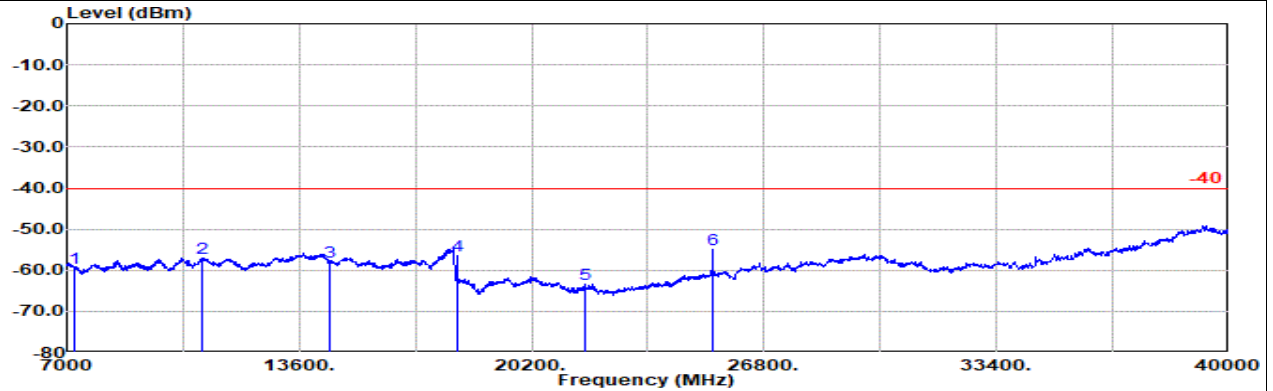


Ant. 2

Part 96 Mode 165

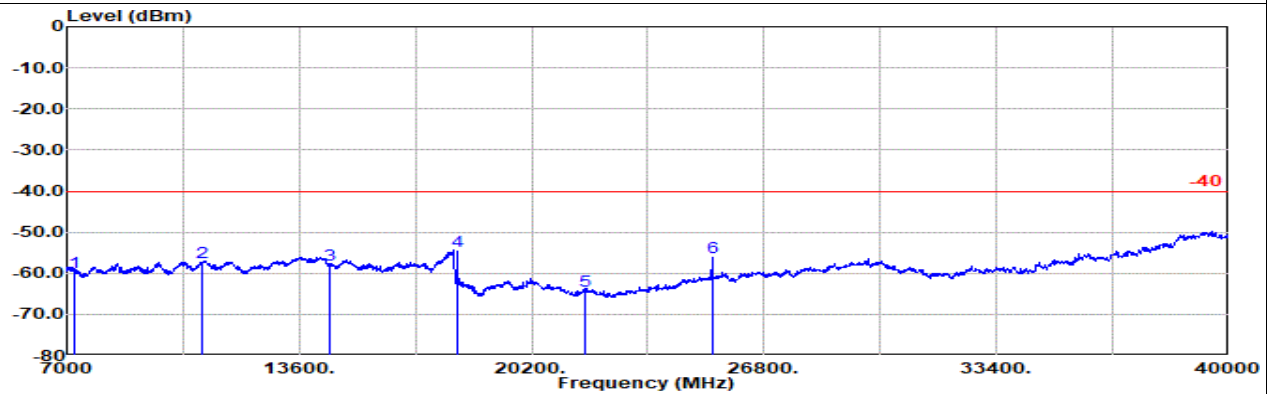
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: LTE Band 48C 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7232.18	-59.58	RMS		36.86	-43.95	0.96	-95.23	41.78	-40.00	Horizontal
2	10848.27	-57.17	RMS		39.20	-43.10	0.29	-95.23	41.67	-40.00	Horizontal
3	14464.36	-58.07	RMS		40.30	-41.87	0.00	-95.23	38.73	-40.00	Horizontal
4	18088.00	-56.40	RMS		37.88	-40.59	-9.54	-95.23	51.08	-40.00	Horizontal
5	21696.00	-63.46	RMS		37.89	-35.23	-9.54	-95.23	38.65	-40.00	Horizontal
6	25320.00	-55.06	RMS		39.10	-31.53	-9.54	-95.23	42.14	-40.00	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48C 20M Ch55990 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7232.18	-59.62	RMS		36.86	-43.95	0.96	-95.23	41.74	-40.00	Vertical
2	10848.27	-57.36	RMS		39.20	-43.10	0.29	-95.23	41.48	-40.00	Vertical
3	14464.36	-57.94	RMS		40.30	-41.87	0.00	-95.23	38.86	-40.00	Vertical
4	18088.00	-54.74	RMS		37.88	-40.59	-9.54	-95.23	52.74	-40.00	Vertical
5	21696.00	-64.35	RMS		37.89	-35.23	-9.54	-95.23	37.76	-40.00	Vertical
6	25320.00	-56.05	RMS		39.10	-31.53	-9.54	-95.23	41.15	-40.00	Vertical

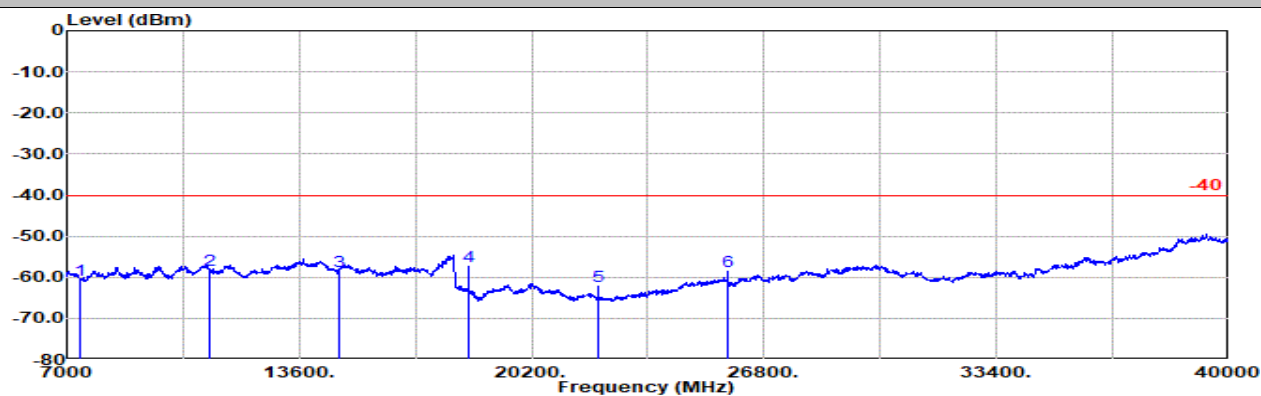


Ant. 2

Part 96 Mode 165

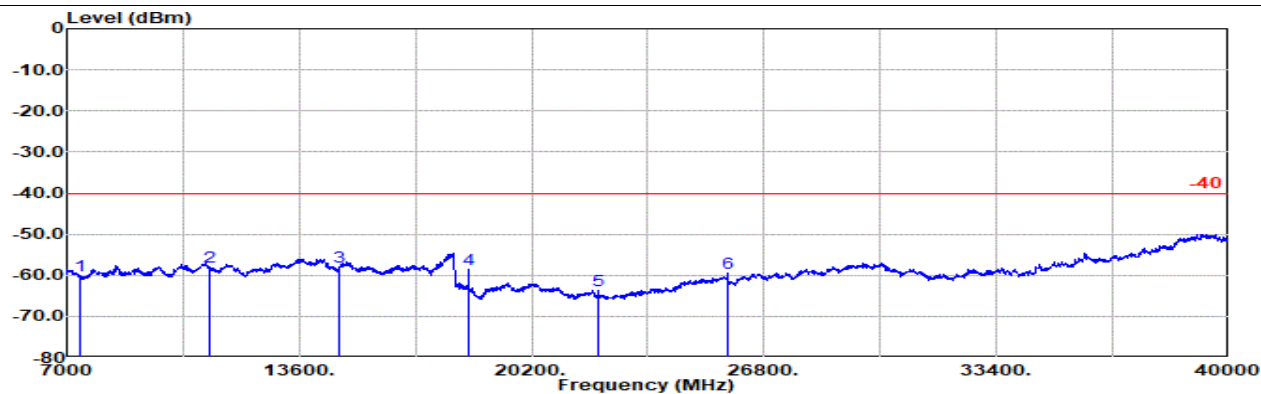
LTE B48 20M Ch56640 1RB0 QPSK

H



Site : 03CH11-HY
Condition: -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		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.18	-60.58	RMS	36.63	-43.83	0.94	-95.23	40.91	-40.00	-20.58	Horizontal
2	11043.27	-58.19	RMS	38.73	-43.27	0.29	-95.23	41.29	-40.00	-18.19	Horizontal
3	14724.36	-58.58	RMS	40.05	-41.62	0.05	-95.23	38.17	-40.00	-18.58	Horizontal
4	18408.00	-57.37	RMS	37.72	-40.61	-9.54	-95.23	50.29	-40.00	-17.37	Horizontal
5	22088.00	-62.27	RMS	37.90	-35.09	-9.54	-95.23	39.69	-40.00	-22.27	Horizontal
6	25768.00	-58.47	RMS	39.00	-31.81	-9.54	-95.23	39.11	-40.00	-18.47	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch56640 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	7362.18	-60.07	RMS	36.63	-43.83	0.94	-95.23	41.42	-40.00	-20.07	Vertical
2	11043.27	-58.05	RMS	38.73	-43.27	0.29	-95.23	41.43	-40.00	-18.05	Vertical
3	14724.36	-58.07	RMS	40.05	-41.62	0.05	-95.23	38.68	-40.00	-18.07	Vertical
4	18408.00	-58.72	RMS	37.72	-40.61	-9.54	-95.23	48.94	-40.00	-18.72	Vertical
5	22088.00	-63.81	RMS	37.90	-35.09	-9.54	-95.23	38.15	-40.00	-23.81	Vertical
6	25768.00	-59.62	RMS	39.00	-31.81	-9.54	-95.23	37.96	-40.00	-19.62	Vertical

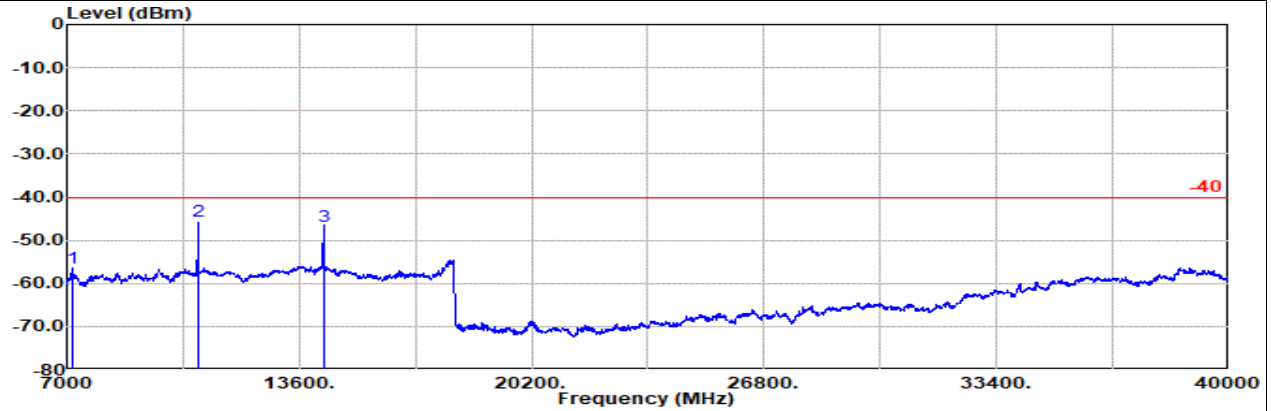


Ant. 2

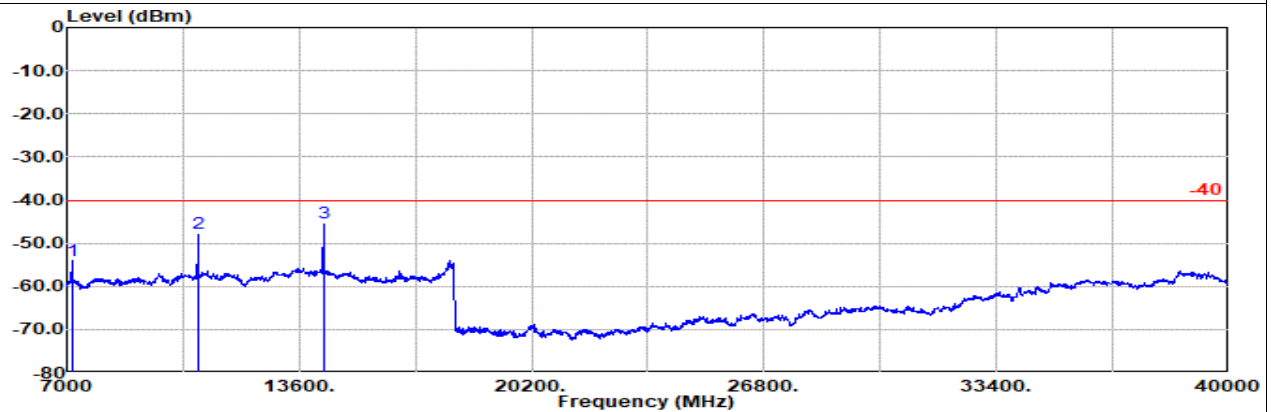
Part 96 Mode 169

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

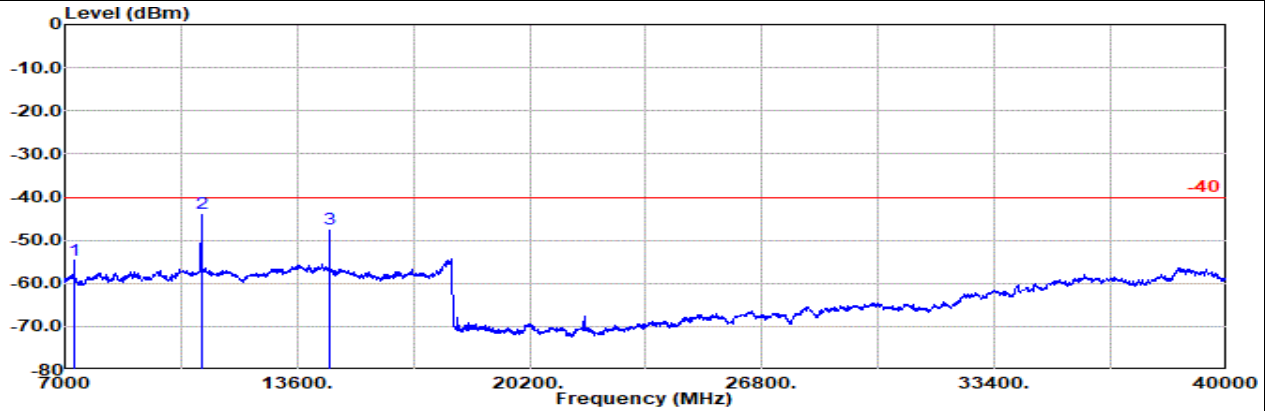
L



	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	7143.00	-56.59	RMS		36.56	-44.39	0.99	-95.23	0.00	-40.00	-16.59	Horizontal
2	10718.00	-45.72	RMS		39.23	-43.47	0.28	-95.23	53.47	-40.00	-5.72	Horizontal
3	14282.00	-46.65	RMS		40.60	-43.18	-0.03	-95.23	51.19	-40.00	-6.65	Horizontal

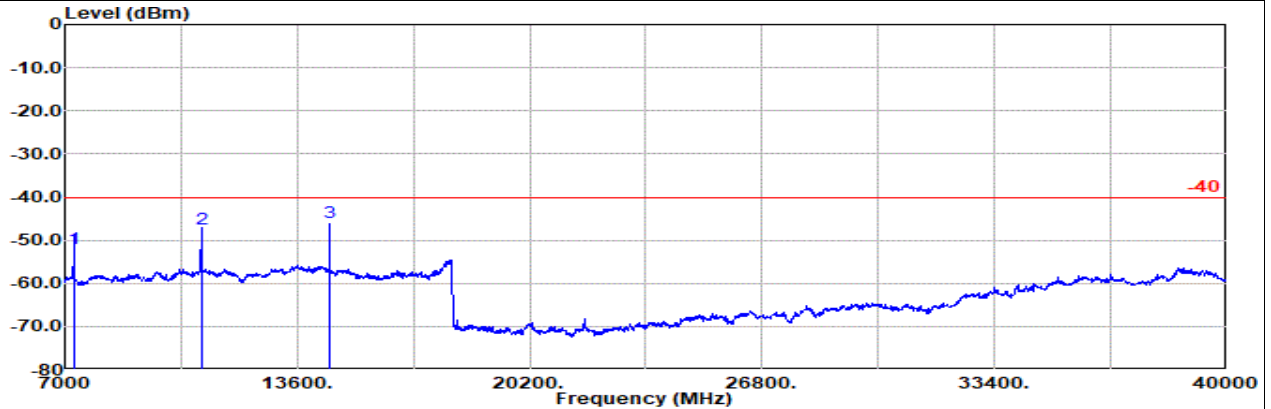


	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin		Pol
				Factor	1							
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7143.00	-54.00	RMS		36.56	-44.39	0.99	-95.23	48.07	-40.00	-14.00	Vertical
2	10718.00	-47.63	RMS		39.23	-43.47	0.28	-95.23	51.56	-40.00	-7.63	Vertical
3	14282.00	-45.22	RMS		40.60	-43.18	-0.03	-95.23	52.62	-40.00	-5.22	Vertical

Ant. 2
Part 96 Mode 169
LTE CA B48C 20M + 20M Ch55891 1RB99 QPSK + Ch56089 1RB0 QPSK
M


Site : 03CH11-HY
 Condition: -40 1m SHF_1223_230710 Horizontal
 : LTE Band 48C 20M Ch55891 1RB99 QPSK
 : LTE Band 48C 20M Ch56089 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	7253.00	-54.75	RMS		36.90	-44.35	0.95	-95.23	46.98	-40.00	-14.75	Horizontal
2	10872.00	-43.89	RMS		39.16	-43.65	0.29	-95.23	55.54	-40.00	-3.89	Horizontal
3	14502.00	-47.37	RMS		40.30	-42.56	0.01	-95.23	50.11	-40.00	-7.37	Horizontal



Site : 03CH11-HY
 Condition: -40 1m SHF_1223_230710 Vertical
 : LTE Band 48C 20M Ch55891 1RB99 QPSK
 : LTE Band 48C 20M Ch56089 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	7253.00	-51.92	RMS		36.90	-44.35	0.95	-95.23	49.81	-40.00	-11.92	Vertical
2	10872.00	-47.29	RMS		39.16	-43.65	0.29	-95.23	52.14	-40.00	-7.29	Vertical
3	14502.00	-45.88	RMS		40.30	-42.56	0.01	-95.23	51.60	-40.00	-5.88	Vertical

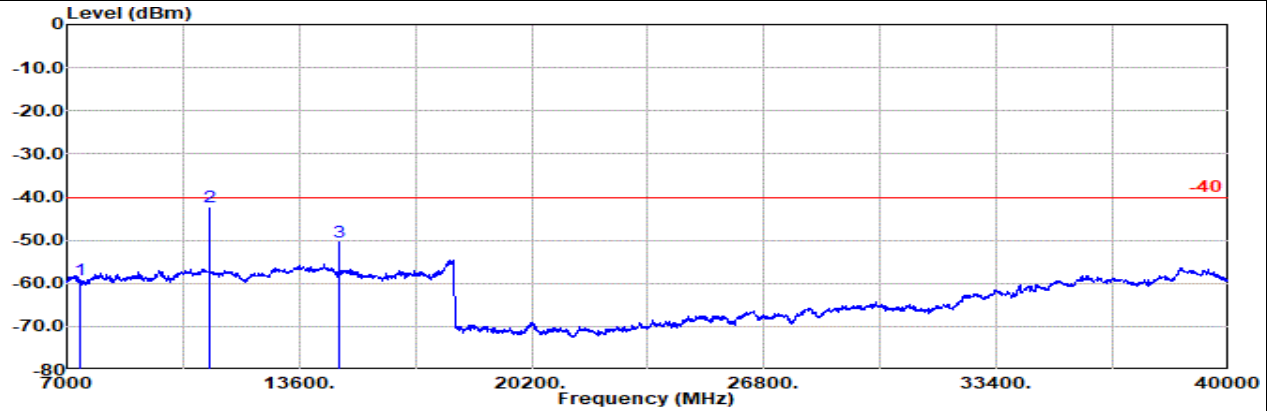


Ant. 2

Part 96 Mode 169

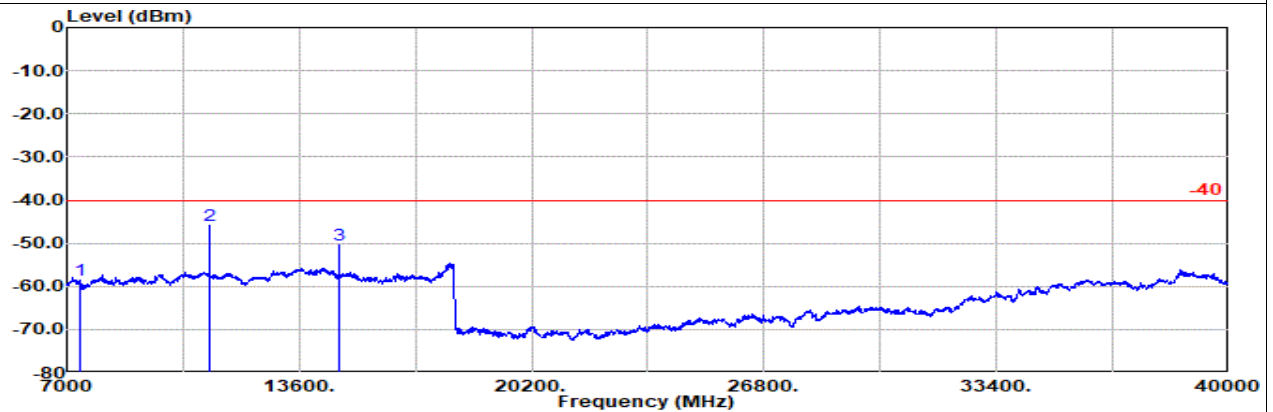
LTE CA B48C 20M + 20M Ch56442 1RB99 QPSK + Ch56640 1RB0 QPSK

H



Site : 03CH11-HY
Condition: -40 1m SHF_1223_230710 Horizontal
: LTE Band 48C 20M Ch56442 1RB99 QPSK
: LTE Band 48C 20M Ch56640 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	7363.00	-59.09	RMS	36.62	-44.26	0.94	-95.23	42.84	-40.00	-19.09	Horizontal
2	11048.00	-42.20	RMS	38.71	-43.78	0.29	-95.23	57.81	-40.00	-2.20	Horizontal
3	14722.00	-50.43	RMS	40.04	-42.43	0.05	-95.23	47.14	-40.00	-10.43	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_1223_230710 Vertical
: LTE Band 48C 20M Ch56442 1RB99 QPSK
: LTE Band 48C 20M Ch56640 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	7363.00	-58.48	RMS	36.62	-44.26	0.94	-95.23	43.45	-40.00	-18.48	Vertical
2	11048.00	-45.78	RMS	38.71	-43.78	0.29	-95.23	54.23	-40.00	-5.78	Vertical
3	14722.00	-50.52	RMS	40.04	-42.43	0.05	-95.23	47.05	-40.00	-10.52	Vertical

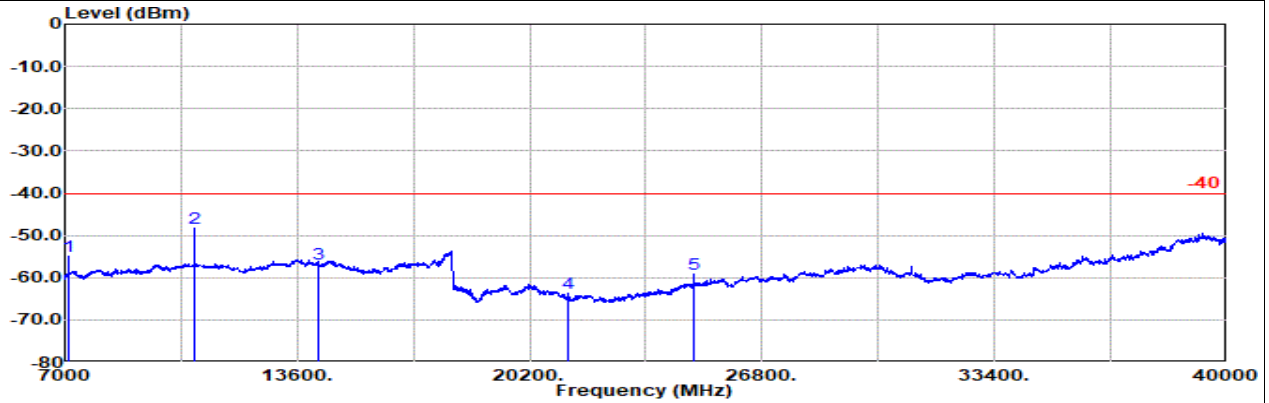


Ant. 0

Part 96 Mode 166

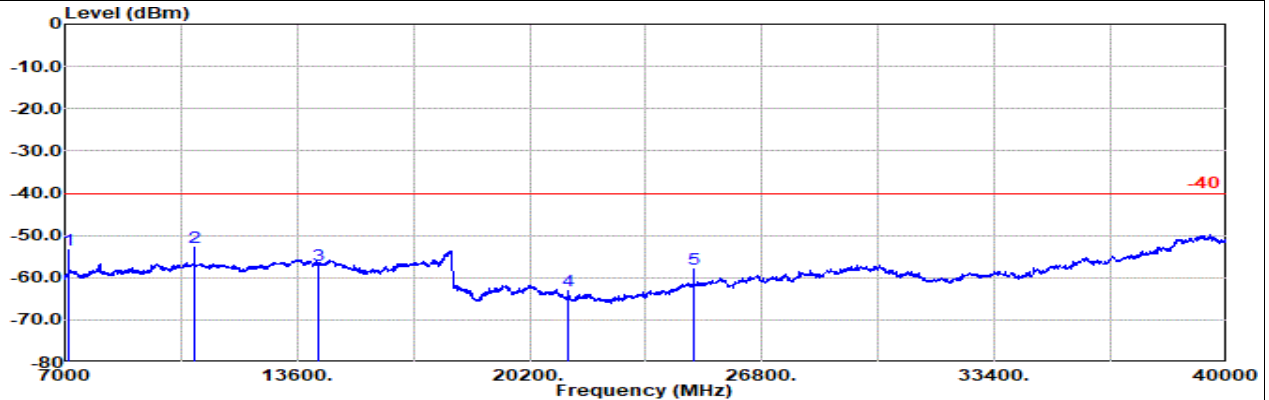
LTE B48 20M Ch55340 1RB0 QPSK

L



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Horizontal
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-54.84	RMS	36.36	-44.56	1.00	-95.23	0.00	-40.00	-14.84	Horizontal
2	10663.00	-48.41	RMS	39.30	-43.41	0.28	-95.23	50.65	-40.00	-8.41	Horizontal
3	14216.00	-56.87	RMS	40.67	-43.18	-0.04	-95.23	40.91	-40.00	-16.87	Horizontal
4	21312.00	-63.58	RMS	38.18	-28.70	-9.54	-95.23	31.71	-40.00	-23.58	Horizontal
5	24864.00	-59.08	RMS	39.32	-25.05	-9.54	-95.23	31.42	-40.00	-19.08	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Vertical
: LTE Band 48 20M Ch55340 1RB0 QPSK

	Freq		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-53.37	RMS	36.36	-44.56	1.00	-95.23	49.06	-40.00	-13.37	Vertical
2	10663.00	-52.91	RMS	39.30	-43.41	0.28	-95.23	46.15	-40.00	-12.91	Vertical
3	14216.00	-57.05	RMS	40.67	-43.18	-0.04	-95.23	40.73	-40.00	-17.05	Vertical
4	21312.00	-63.15	RMS	38.18	-28.70	-9.54	-95.23	32.14	-40.00	-23.15	Vertical
5	24864.00	-57.89	RMS	39.32	-25.05	-9.54	-95.23	32.61	-40.00	-17.89	Vertical

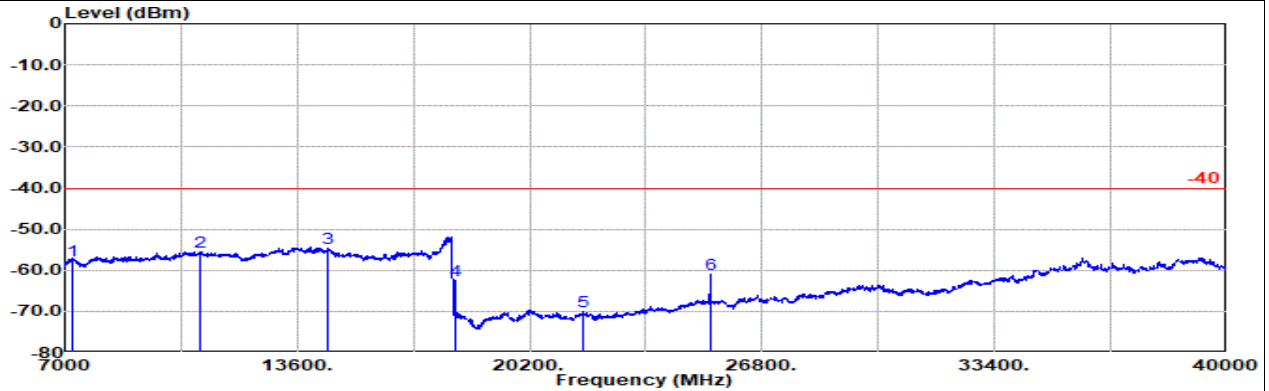


Ant. 0

Part 96 Mode 166

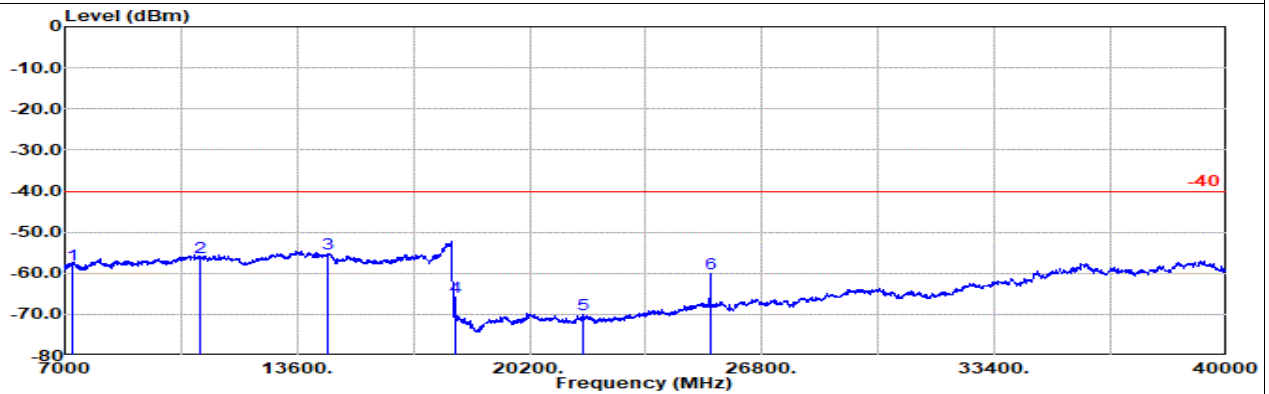
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7232.18	-57.75	RMS		36.86	-43.95	0.96	-95.23	43.61	-40.00	-17.75	Horizontal
2	10848.27	-55.66	RMS		39.20	-43.10	0.29	-95.23	43.18	-40.00	-15.66	Horizontal
3	14464.36	-54.69	RMS		40.30	-41.87	0.00	-95.23	42.11	-40.00	-14.69	Horizontal
4	18088.00	-62.64	RMS		37.88	-40.59	-9.54	-95.23	44.84	-40.00	-22.64	Horizontal
5	21704.00	-70.05	RMS		37.91	-35.23	-9.54	-95.23	32.04	-40.00	-30.05	Horizontal
6	25320.00	-61.05	RMS		39.10	-31.53	-9.54	-95.23	36.15	-40.00	-21.05	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M Ch55990 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7232.18	-57.84	RMS		36.86	-43.95	0.96	-95.23	43.52	-40.00	-17.84	Vertical
2	10848.27	-56.16	RMS		39.20	-43.10	0.29	-95.23	42.68	-40.00	-16.16	Vertical
3	14464.36	-55.23	RMS		40.30	-41.87	0.00	-95.23	41.57	-40.00	-15.23	Vertical
4	18088.00	-65.70	RMS		37.88	-40.59	-9.54	-95.23	41.78	-40.00	-25.70	Vertical
5	21704.00	-69.96	RMS		37.91	-35.23	-9.54	-95.23	32.13	-40.00	-29.96	Vertical
6	25320.00	-60.03	RMS		39.10	-31.53	-9.54	-95.23	37.17	-40.00	-20.03	Vertical

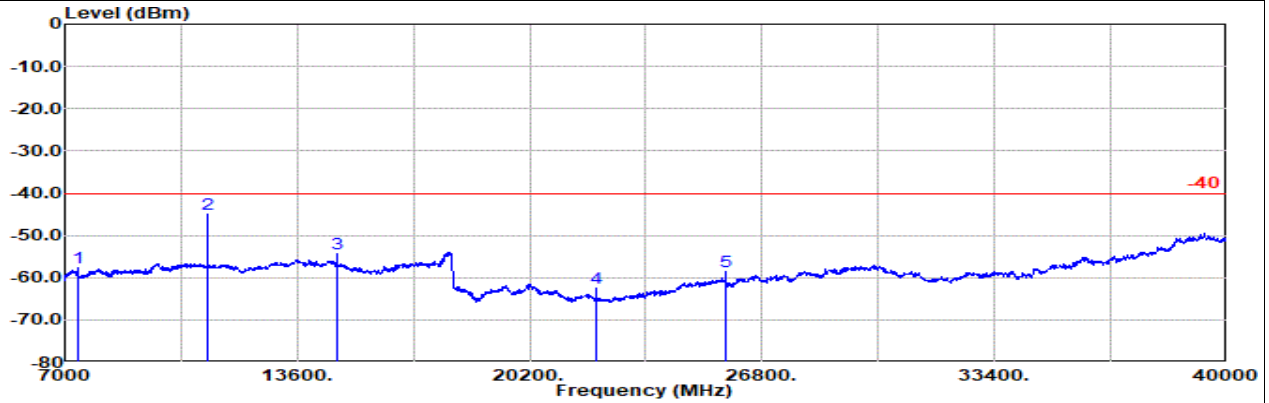


Ant. 0

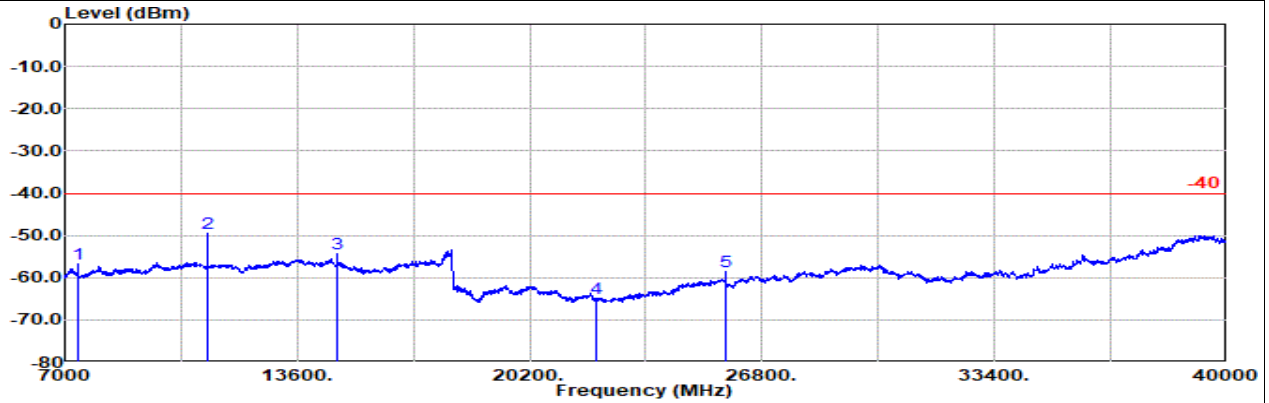
Part 96 Mode 166

LTE B48 20M Ch56640 1RB0 QPSK

H



	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	7363.00	-57.77	RMS	36.62	-44.35	0.94	-95.23	44.25	-40.00	-17.77	Horizontal
2	11048.00	-45.09	RMS	38.71	-43.87	0.29	-95.23	55.01	-40.00	-5.09	Horizontal
3	14733.00	-54.40	RMS	40.07	-42.28	0.05	-95.23	42.99	-40.00	-14.40	Horizontal
4	22088.00	-62.40	RMS	38.32	-28.52	-9.54	-95.23	32.57	-40.00	-22.40	Horizontal
5	25776.00	-58.54	RMS	39.15	-24.71	-9.54	-95.23	31.79	-40.00	-18.54	Horizontal



	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	7363.00	-56.74	RMS	36.62	-44.35	0.94	-95.23	45.28	-40.00	-16.74	Vertical
2	11048.00	-49.43	RMS	38.71	-43.87	0.29	-95.23	50.67	-40.00	-9.43	Vertical
3	14733.00	-54.32	RMS	40.07	-42.28	0.05	-95.23	43.07	-40.00	-14.32	Vertical
4	22088.00	-64.81	RMS	38.32	-28.52	-9.54	-95.23	30.16	-40.00	-24.81	Vertical
5	25768.00	-58.62	RMS	39.15	-24.71	-9.54	-95.23	31.71	-40.00	-18.62	Vertical

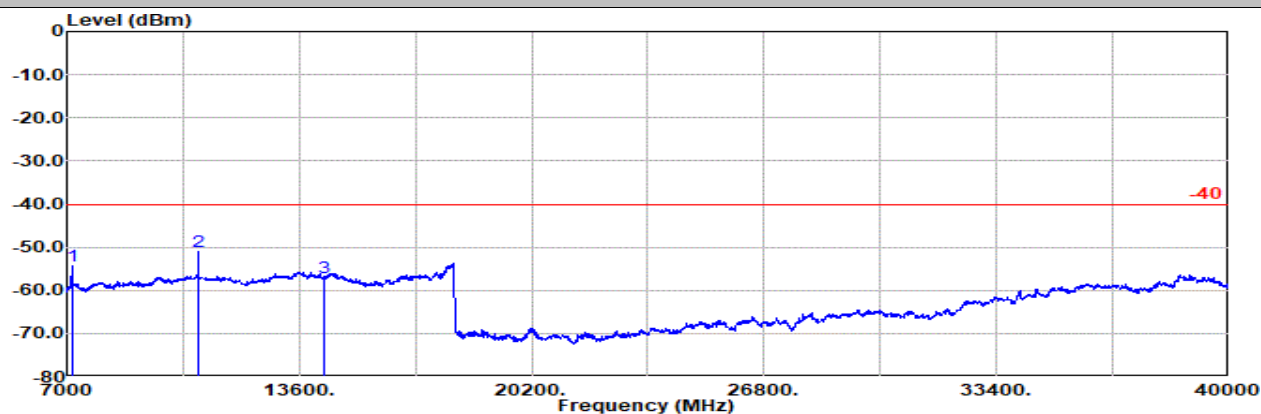


Ant. 0

Part 96 Mode 170

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

L



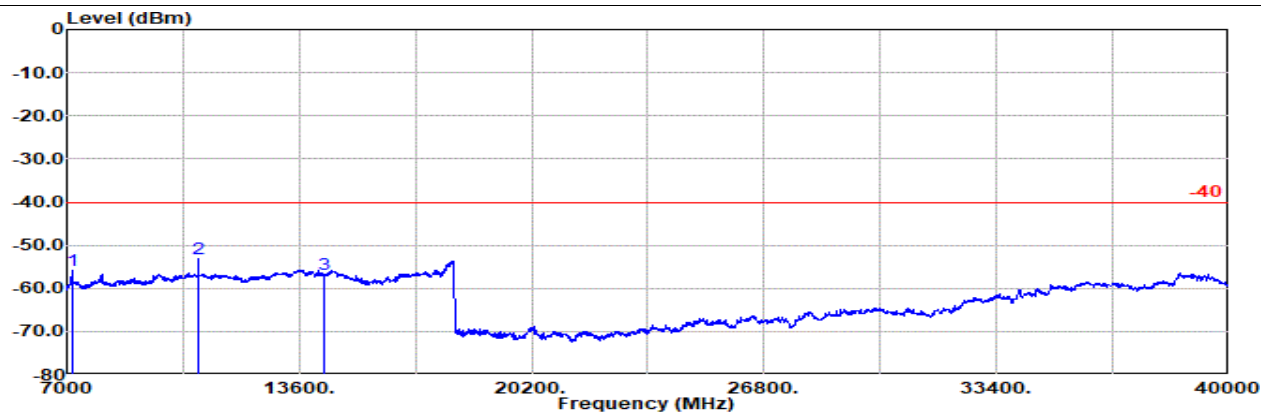
Site : 03CH11-HY

Condition: -40 1m SHF_1223_240624 Horizontal

: LTE Band 48C 20M Ch55340 1RB99 QPSK

: LTE Band 48C 20M Ch55538 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	7143.00	-54.37	RMS		36.56	-44.56	0.99	-95.23	47.87	-40.00	-14.37	Horizontal
2	10718.00	-51.14	RMS		39.23	-43.49	0.28	-95.23	48.07	-40.00	-11.14	Horizontal
3	14282.00	-57.06	RMS		40.60	-43.00	-0.03	-95.23	40.60	-40.00	-17.06	Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_1223_240624 Vertical

: LTE Band 48C 20M Ch55340 1RB99 QPSK

: LTE Band 48C 20M Ch55538 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	7143.00	-55.74	RMS		36.56	-44.56	0.99	-95.23	46.50	-40.00	-15.74	Vertical
2	10718.00	-53.19	RMS		39.23	-43.49	0.28	-95.23	46.02	-40.00	-13.19	Vertical
3	14282.00	-56.89	RMS		40.60	-43.00	-0.03	-95.23	40.77	-40.00	-16.89	Vertical

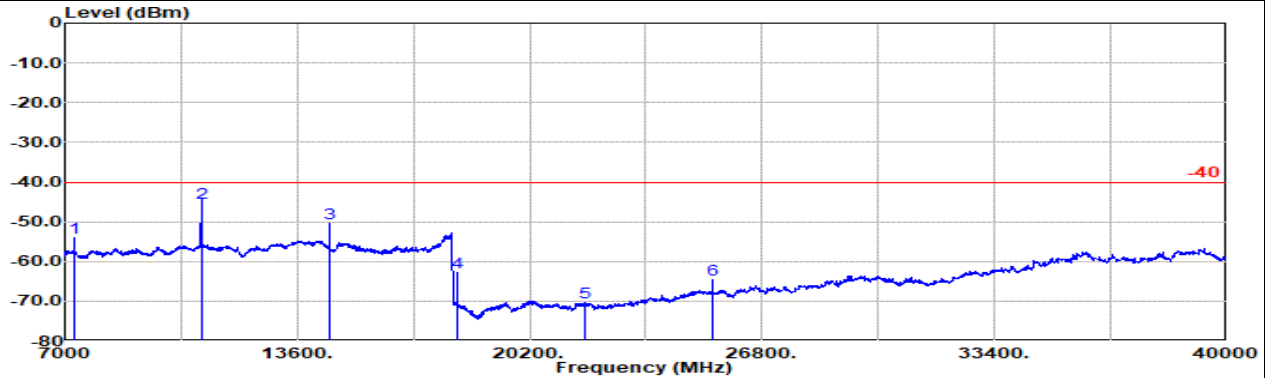


Ant. 0

Part 96 Mode 170

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

M



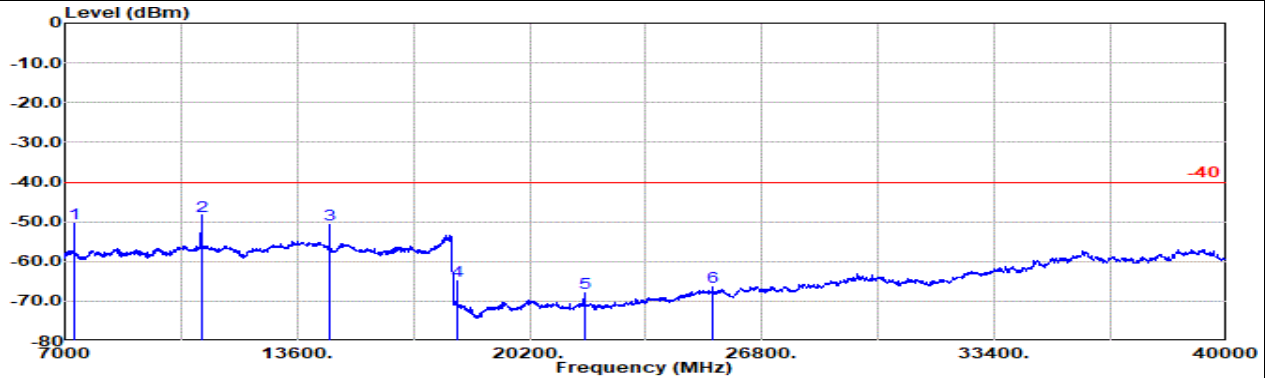
Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal

: LTE Band 48C 20M Ch55891 1RB99 QPSK

: LTE Band 48C 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb dB/m	Filter dB	EIRPCF dB	Readin dBuV	Limit dBm	Margin dB	Pol
	MHz	dBm									
1	7253.00	-54.17	RMS	36.90	-43.93	0.95	-95.23	0.00	-40.00	-14.17	Horizontal
2	10883.00	-45.14	RMS	39.13	-43.14	0.29	-95.23	53.81	-40.00	-5.14	Horizontal
3	14502.00	-50.51	RMS	40.30	-41.77	0.01	-95.23	46.18	-40.00	-10.51	Horizontal
4	18128.00	-62.82	RMS	37.89	-40.59	-9.54	-95.23	44.65	-40.00	-22.82	Horizontal
5	21752.00	-70.33	RMS	38.00	-35.24	-9.54	-95.23	31.68	-40.00	-30.33	Horizontal
6	25376.00	-64.61	RMS	39.15	-31.62	-9.54	-95.23	32.63	-40.00	-24.61	Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical

: LTE Band 48C 20M Ch55891 1RB99 QPSK

: LTE Band 48C 20M Ch56089 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb dB/m	Filter dB	EIRPCF dB	Readin dBuV	Limit dBm	Margin dB	Pol
	MHz	dBm									
1	7253.00	-50.51	RMS	36.90	-43.93	0.95	-95.23	50.80	-40.00	-10.51	Vertical
2	10883.00	-48.72	RMS	39.13	-43.14	0.29	-95.23	50.23	-40.00	-8.72	Vertical
3	14502.00	-50.86	RMS	40.30	-41.77	0.01	-95.23	45.83	-40.00	-10.86	Vertical
4	18128.00	-65.00	RMS	37.89	-40.59	-9.54	-95.23	42.47	-40.00	-25.00	Vertical
5	21752.00	-68.00	RMS	38.00	-35.24	-9.54	-95.23	34.01	-40.00	-28.00	Vertical
6	25376.00	-66.43	RMS	39.15	-31.62	-9.54	-95.23	30.81	-40.00	-26.43	Vertical

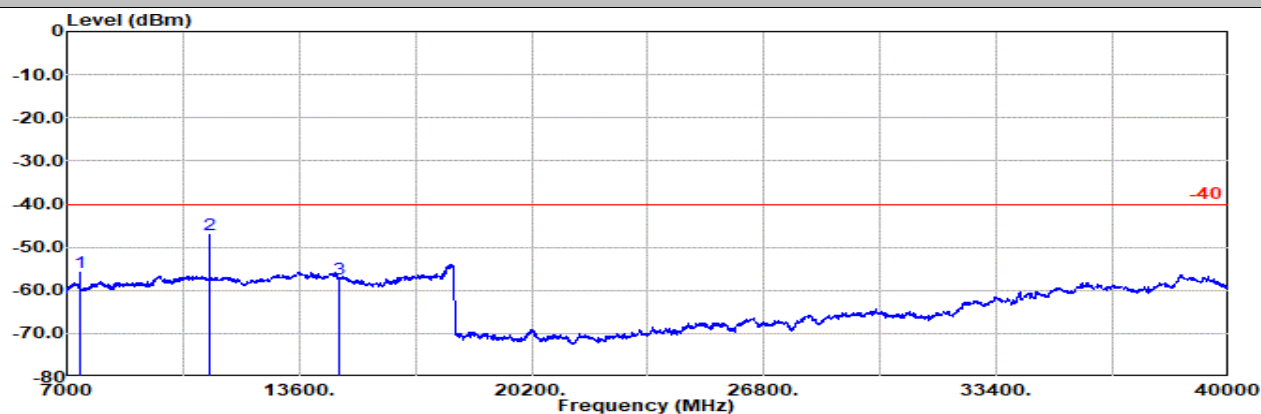


Ant. 0

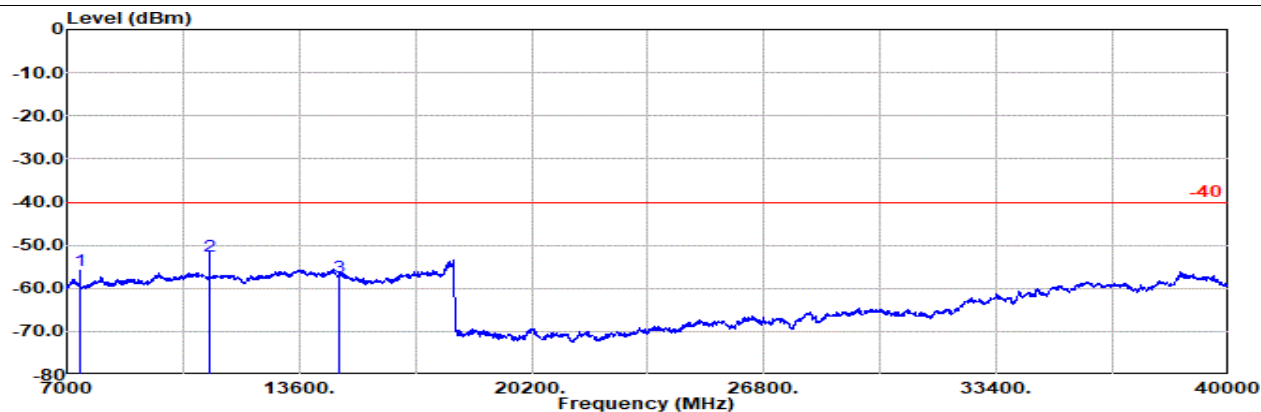
Part 96 Mode 170

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

H



	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	7363.00	-55.77	RMS		36.62	-44.35	0.94	-95.23	46.25	-40.00	-15.77	Horizontal
2	11048.00	-47.09	RMS		38.71	-43.87	0.29	-95.23	53.01	-40.00	-7.09	Horizontal
3	14722.00	-57.40	RMS		40.04	-42.29	0.05	-95.23	40.03	-40.00	-17.40	Horizontal



	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	7363.00	-55.74	RMS		36.62	-44.35	0.94	-95.23	46.28	-40.00	-15.74	Vertical
2	11048.00	-52.43	RMS		38.71	-43.87	0.29	-95.23	47.67	-40.00	-12.43	Vertical
3	14722.00	-57.23	RMS		40.04	-42.29	0.05	-95.23	40.20	-40.00	-17.23	Vertical

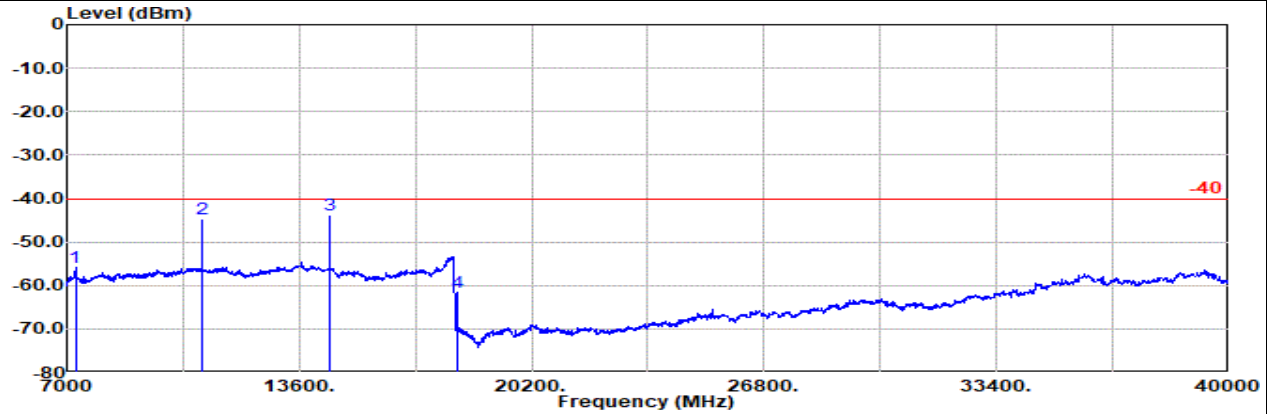


Ant. 1

Part 96 Mode 167

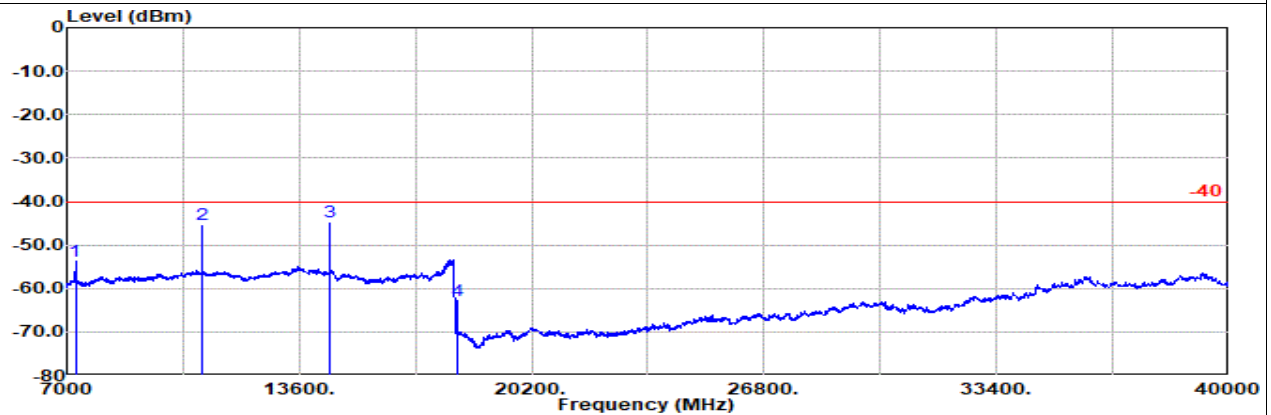
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH11-HY
Condition: -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			g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7242.00	-55.76	RMS	36.88	-43.94	0.96	-95.23	45.57	-40.00	-15.76	Horizontal
2	10850.00	-44.64	RMS	39.20	-43.10	0.29	-95.23	54.20	-40.00	-4.64	Horizontal
3	14469.00	-43.89	RMS	40.30	-41.86	0.00	-95.23	52.90	-40.00	-3.89	Horizontal
4	18088.00	-61.54	RMS	37.88	-40.59	-9.54	-95.23	45.94	-40.00	-21.54	Horizontal



Site : 03CH11-HY
Condition: -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				g					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7242.00	-53.71	RMS	36.88	-43.94	0.96	-95.23	47.62	-40.00	-13.71	Vertical
2	10850.00	-45.15	RMS	39.20	-43.10	0.29	-95.23	53.69	-40.00	-5.15	Vertical
3	14469.00	-44.68	RMS	40.30	-41.86	0.00	-95.23	52.11	-40.00	-4.68	Vertical
4	18088.00	-62.70	RMS	37.88	-40.59	-9.54	-95.23	44.78	-40.00	-22.70	Vertical

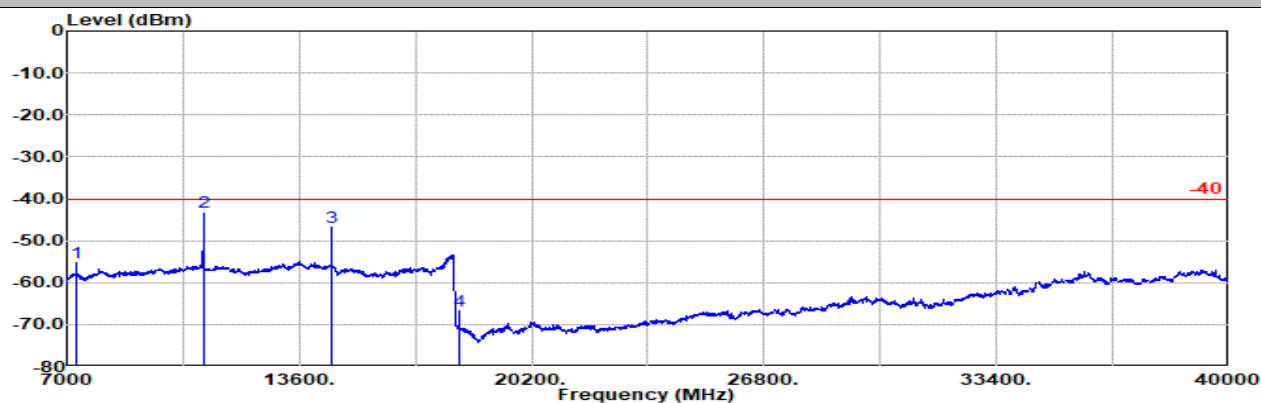


Ant. 1

Part 96 Mode 171

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

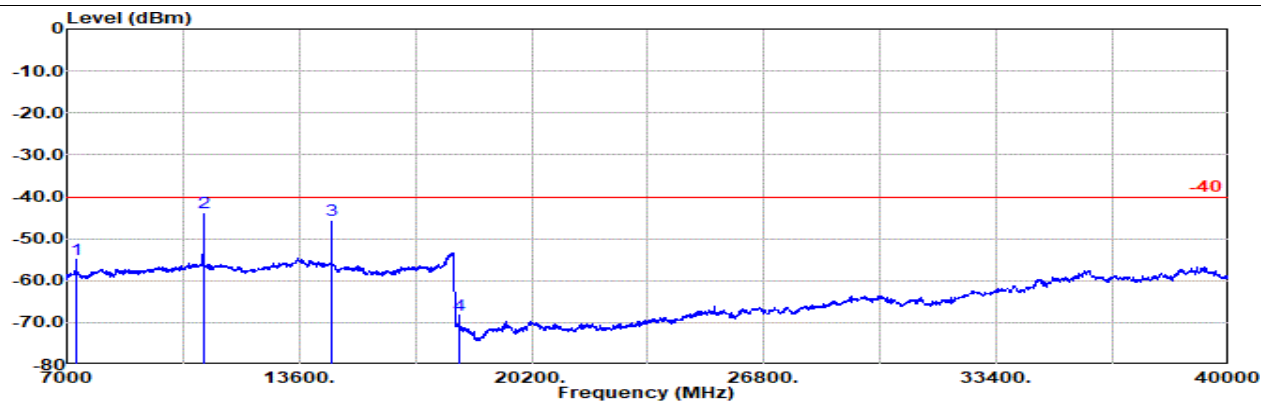
M



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal
: LTE Band 48C 20M Ch55891 1RB99 QPSK
: LTE Band 48C 20M Ch56089 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
					dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7253.00	-55.16	RMS	36.90	-43.93	0.95	-95.23	0.00	-40.00	-15.16	Horizontal	
2	10883.00	-43.17	RMS	39.13	-43.14	0.29	-95.23	55.78	-40.00	-3.17	Horizontal	
3	14502.00	-46.88	RMS	40.30	-41.77	0.01	-95.23	49.81	-40.00	-6.88	Horizontal	
4	18128.00	-66.76	RMS	37.89	-40.59	-9.54	-95.23	40.71	-40.00	-26.76	Horizontal	



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48C 20M Ch55891 1RB99 QPSK
: LTE Band 48C 20M Ch56089 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
					dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7253.00	-54.88	RMS	36.90	-43.93	0.95	-95.23	46.43	-40.00	-14.88	Vertical	
2	10883.00	-43.64	RMS	39.13	-43.14	0.29	-95.23	55.31	-40.00	-3.64	Vertical	
3	14502.00	-45.72	RMS	40.30	-41.77	0.01	-95.23	50.97	-40.00	-5.72	Vertical	
4	18128.00	-68.09	RMS	37.89	-40.59	-9.54	-95.23	39.38	-40.00	-28.09	Vertical	

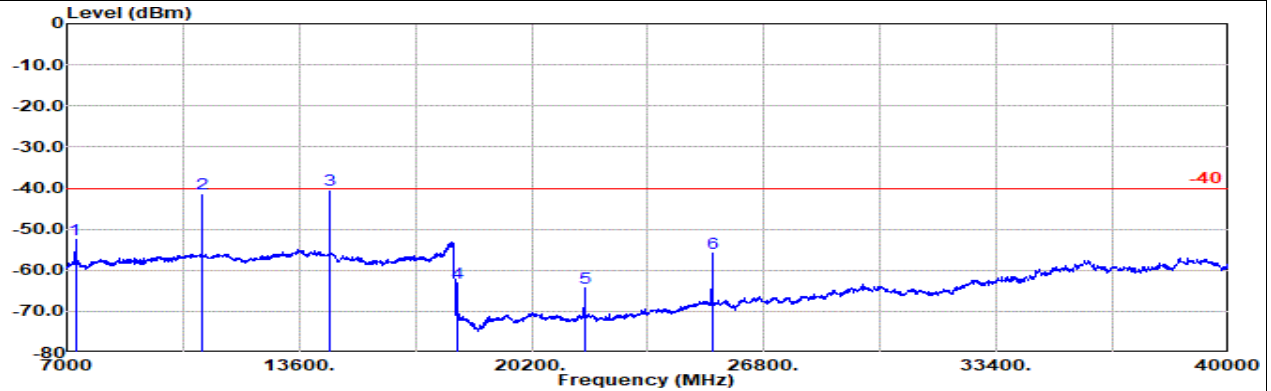


Ant. 3

Part 96 Mode 168

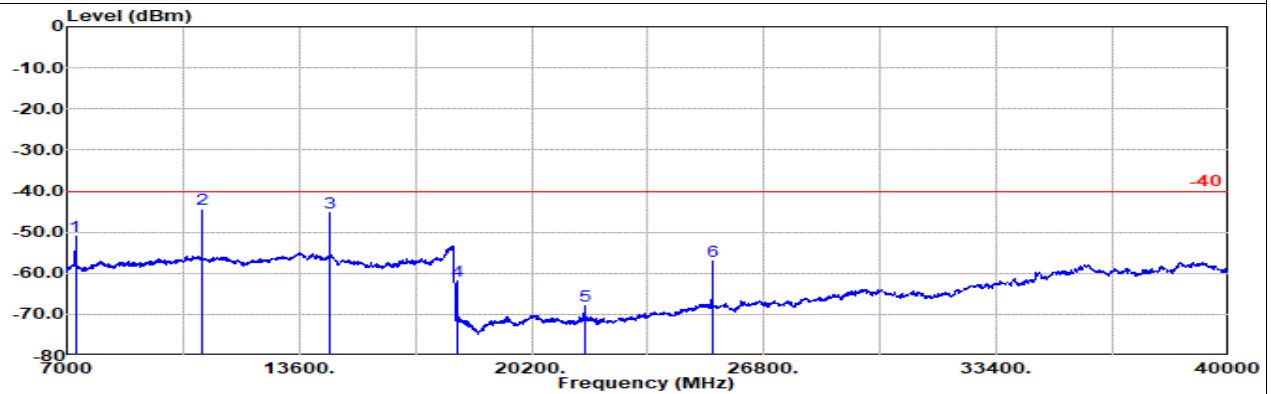
LTE B48 20M Ch55990 1RB0 QPSK

M



Site : 03CH11-HY
Condition: -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			g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7242.00	-52.42	RMS	36.88	-43.94	0.96	-95.23	0.00	-40.00	-12.42	Horizontal
2	10850.00	-41.23	RMS	39.20	-43.10	0.29	-95.23	57.61	-40.00	-1.23	Horizontal
3	14469.00	-40.45	RMS	40.30	-41.86	0.00	-95.23	56.34	-40.00	-0.45	Horizontal
4	18088.00	-63.09	RMS	37.88	-40.59	-9.54	-95.23	0.00	-40.00	-23.09	Horizontal
5	21704.00	-64.26	RMS	37.91	-35.23	-9.54	-95.23	0.00	-40.00	-24.26	Horizontal
6	25320.00	-55.70	RMS	39.10	-31.53	-9.54	-95.23	0.00	-40.00	-15.70	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: LTE Band 48 20M 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	-51.14	RMS	36.88	-43.94	0.96	-95.23	50.19	-40.00	-11.14	Vertical
2	10850.00	-44.46	RMS	39.20	-43.10	0.29	-95.23	54.38	-40.00	-4.46	Vertical
3	14469.00	-45.27	RMS	40.30	-41.86	0.00	-95.23	51.52	-40.00	-5.27	Vertical
4	18088.00	-61.74	RMS	37.88	-40.59	-9.54	-95.23	45.74	-40.00	-21.74	Vertical
5	21696.00	-67.81	RMS	37.89	-35.23	-9.54	-95.23	34.30	-40.00	-27.81	Vertical
6	25320.00	-57.19	RMS	39.10	-31.53	-9.54	-95.23	40.01	-40.00	-17.19	Vertical

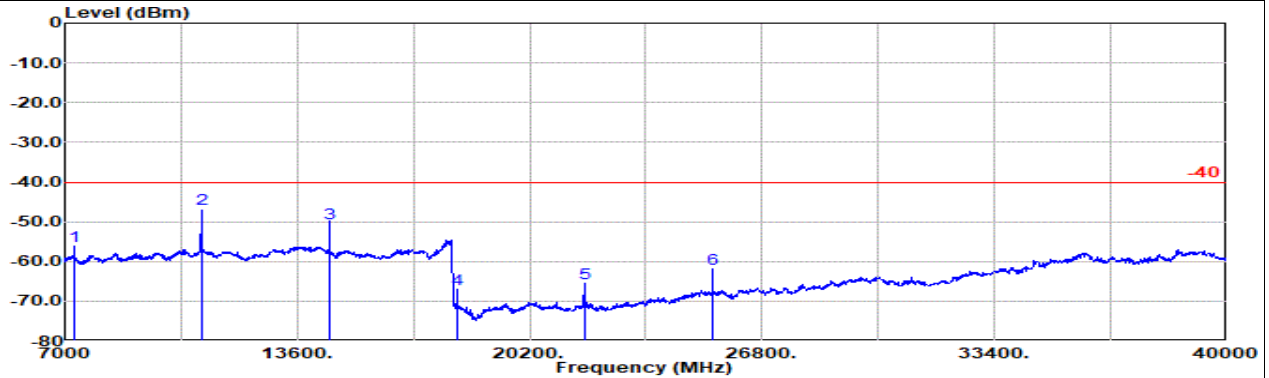


Ant. 3

Part 96 Mode 172

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

M



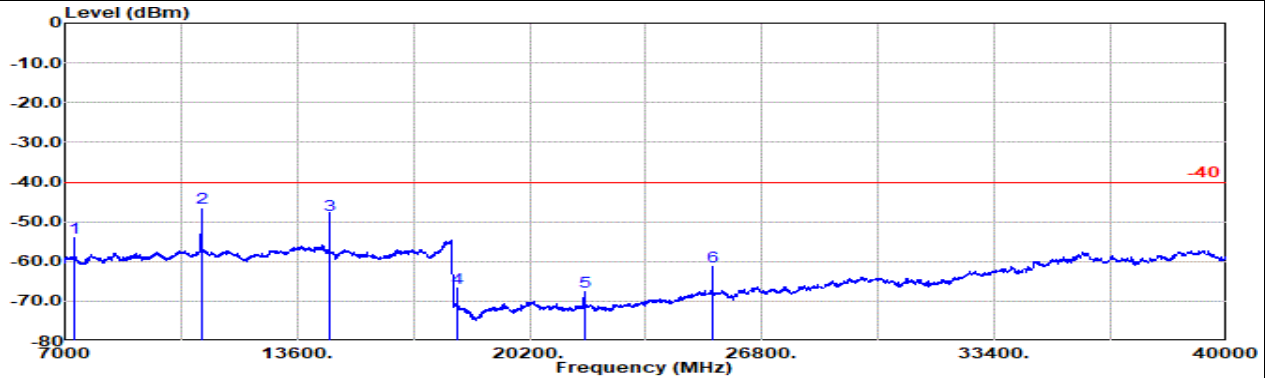
Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal

: LTE Band 48C 20M Ch55891 1RB99 QPSK

: LTE Band 48C 20M Ch56089 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	7253.00	-56.17 RMS		36.90	-44.49	0.95	-95.23	45.70	-40.00	-16.17 Horizontal
2	10872.00	-46.75 RMS		39.16	-43.71	0.29	-95.23	52.74	-40.00	-6.75 Horizontal
3	14502.00	-50.35 RMS		40.30	-42.40	0.01	-95.23	46.97	-40.00	-10.35 Horizontal
4	18128.00	-67.13 RMS		37.89	-40.59	-9.54	-95.23	40.34	-40.00	-27.13 Horizontal
5	21752.00	-65.62 RMS		38.00	-35.24	-9.54	-95.23	36.39	-40.00	-25.62 Horizontal
6	25376.00	-61.79 RMS		39.15	-31.62	-9.54	-95.23	35.45	-40.00	-21.79 Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical

: LTE Band 48C 20M Ch55891 1RB99 QPSK

: LTE Band 48C 20M Ch56089 1RB0 QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	7253.00	-53.92 RMS		36.90	-44.49	0.95	-95.23	47.95	-40.00	-13.92 Vertical
2	10872.00	-46.60 RMS		39.16	-43.71	0.29	-95.23	52.89	-40.00	-6.60 Vertical
3	14502.00	-48.34 RMS		40.30	-42.40	0.01	-95.23	48.98	-40.00	-8.34 Vertical
4	18128.00	-66.58 RMS		37.89	-40.59	-9.54	-95.23	40.89	-40.00	-26.58 Vertical
5	21752.00	-67.51 RMS		38.00	-35.24	-9.54	-95.23	34.50	-40.00	-27.51 Vertical
6	25376.00	-61.38 RMS		39.15	-31.62	-9.54	-95.23	35.86	-40.00	-21.38 Vertical

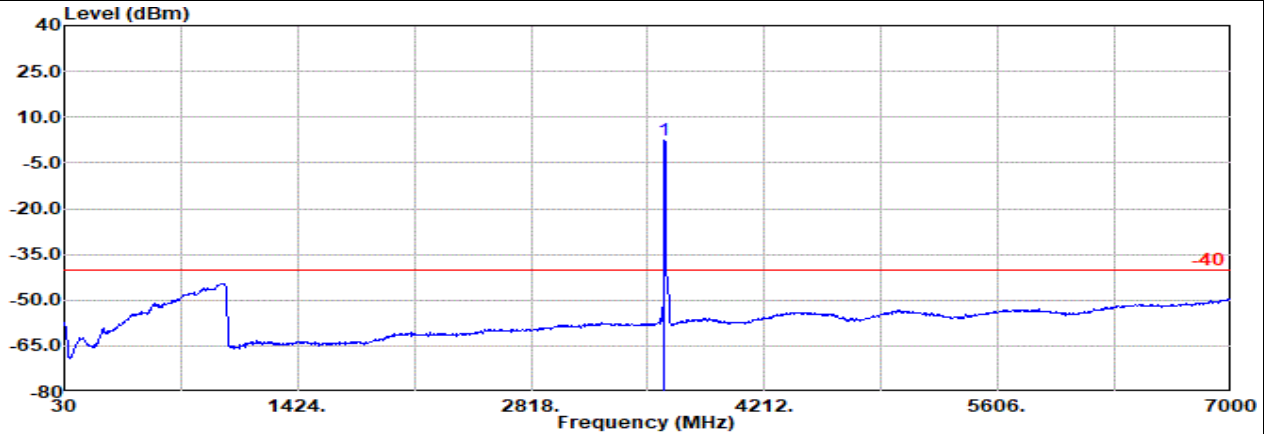


Ant. 3

Part 96 Mode 168

LTE B48 20M Ch55990 1RB0 QPSK

M



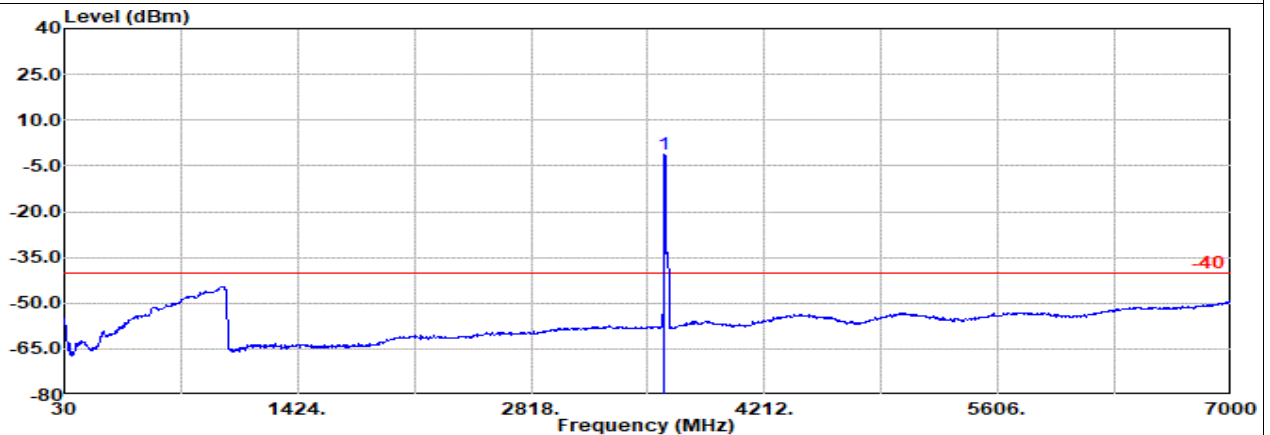
Site : 03CH11-HY

Condition: -40 3m 9120D_01620_230817 Horizontal

: LTE Band 48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	3616.00	2.28	RMS	29.77	-24.66	0.00	-95.23	92.40	-40.00	42.28	Horizontal		



Site : 03CH11-HY

Condition: -40 3m 9120D_01620_230817 Vertical

: LTE Band 48 20M Ch55990 1RB0 QPSK

: #1 is fundamental signal which can be ignored.

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	3616.00	-0.98	RMS	29.77	-24.66	0.00	-95.23	89.14	-40.00	39.02	Vertical		

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