

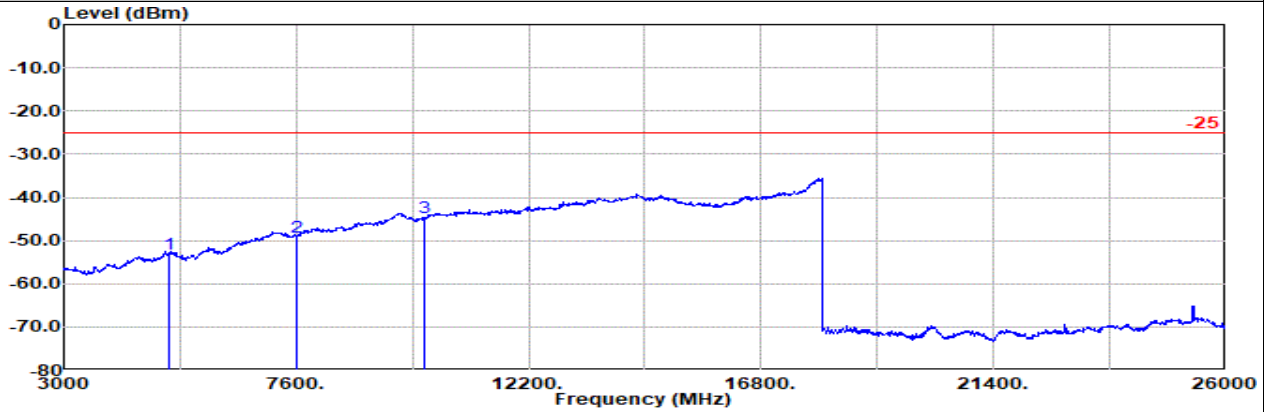


Ant.3

Part 27M Mode 78

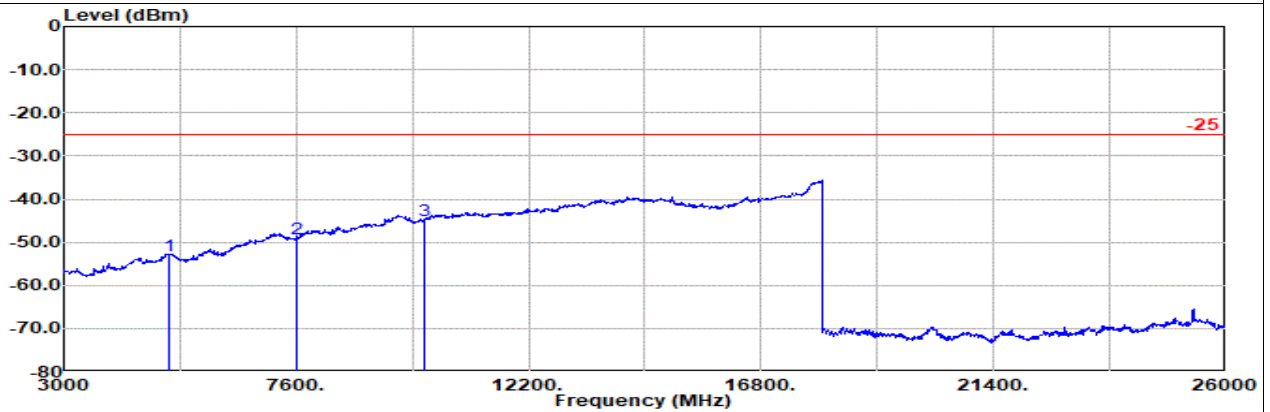
LTE CA B7C 20M + 20M Ch21001 1RB99 QPSK + Ch21199 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -25 1m SHF_1223_230710 Horizontal
 : LTE Band 7C 20M Ch21001 1RB99 QPSK
 : LTE Band 7C 20M Ch21199 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	5067.00	-53.04 RMS	33.20	-22.58	0.50	-95.23	31.07	-25.00	-28.04	Horizontal
2	7601.00	-49.13 RMS	36.10	-20.57	0.54	-95.23	30.03	-25.00	-24.13	Horizontal
3	10135.00	-44.67 RMS	38.60	-18.05	0.58	-95.23	29.43	-25.00	-19.67	Horizontal



Site : 03CH11-HY
 Condition: -25 1m SHF_1223_230710 Vertical
 : LTE Band 7C 20M Ch21001 1RB99 QPSK
 : LTE Band 7C 20M Ch21199 1RB0 QPSK

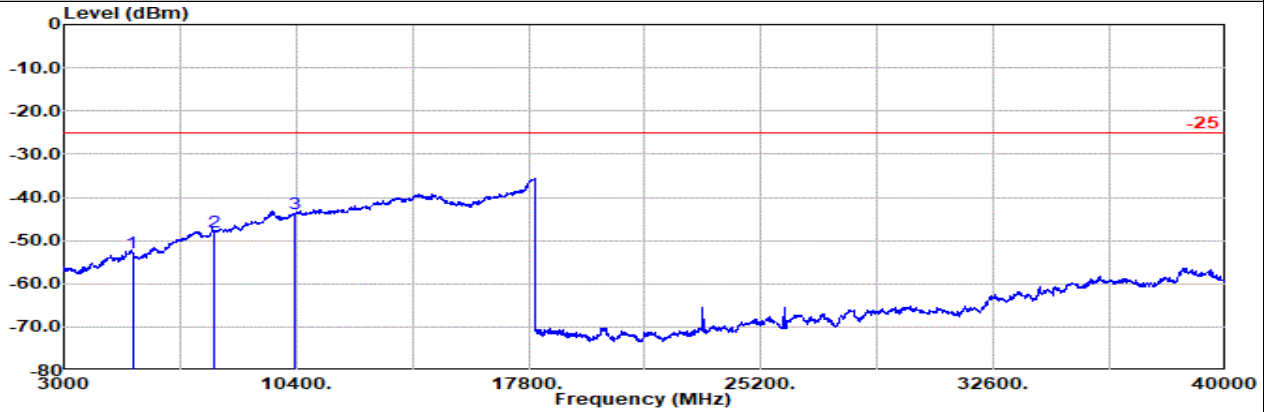
Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	5067.00	-53.19 RMS	33.20	-22.58	0.50	-95.23	30.92	-25.00	-28.19	Vertical
2	7601.00	-49.24 RMS	36.10	-20.57	0.54	-95.23	29.92	-25.00	-24.24	Vertical
3	10135.00	-45.10 RMS	38.60	-18.05	0.58	-95.23	29.00	-25.00	-20.10	Vertical



Ant.3

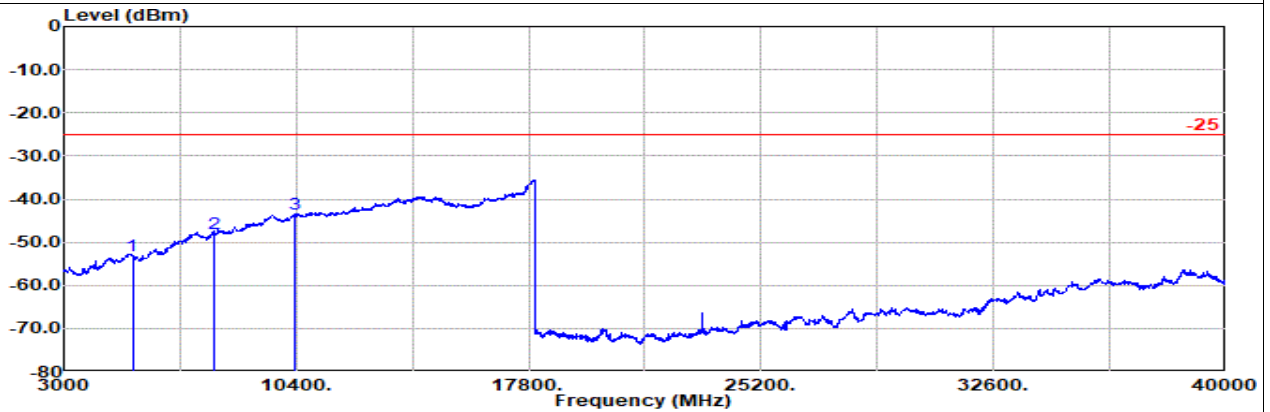
Part 27M Mode 82
LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -25 1m SHF_1223_230710 Horizontal
 : LTE Band 41C 20M Ch40521 1RB99 QPSK
 : LTE Band 41C 20M Ch40719 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 5184.00	-52.71	RMS	33.13	-22.47	0.51	-95.23	31.35	-25.00	-27.71	Horizontal
2 7776.00	-48.01	RMS	36.56	-20.58	0.57	-95.23	30.67	-25.00	-23.01	Horizontal
3 10368.00	-43.91	RMS	38.80	-17.97	0.57	-95.23	29.92	-25.00	-18.91	Horizontal



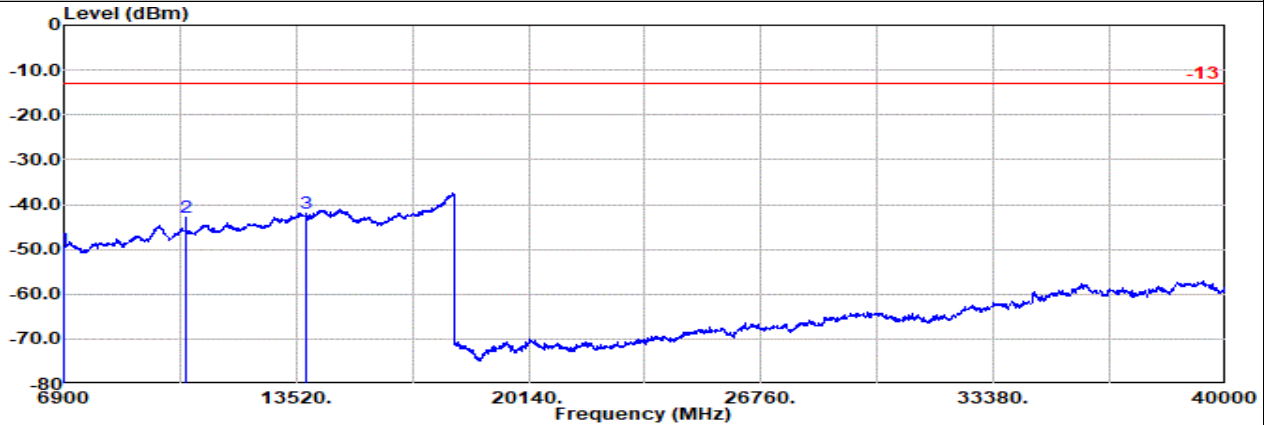
Site : 03CH11-HY
 Condition: -25 1m SHF_1223_230710 Vertical
 : LTE Band 41C 20M Ch40521 1RB99 QPSK
 : LTE Band 41C 20M Ch40719 1RB0 QPSK

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 5184.00	-53.02	RMS	33.13	-22.47	0.51	-95.23	31.04	-25.00	-28.02	Vertical
2 7776.00	-48.02	RMS	36.56	-20.58	0.57	-95.23	30.66	-25.00	-23.02	Vertical
3 10368.00	-43.37	RMS	38.80	-17.97	0.57	-95.23	30.46	-25.00	-18.37	Vertical



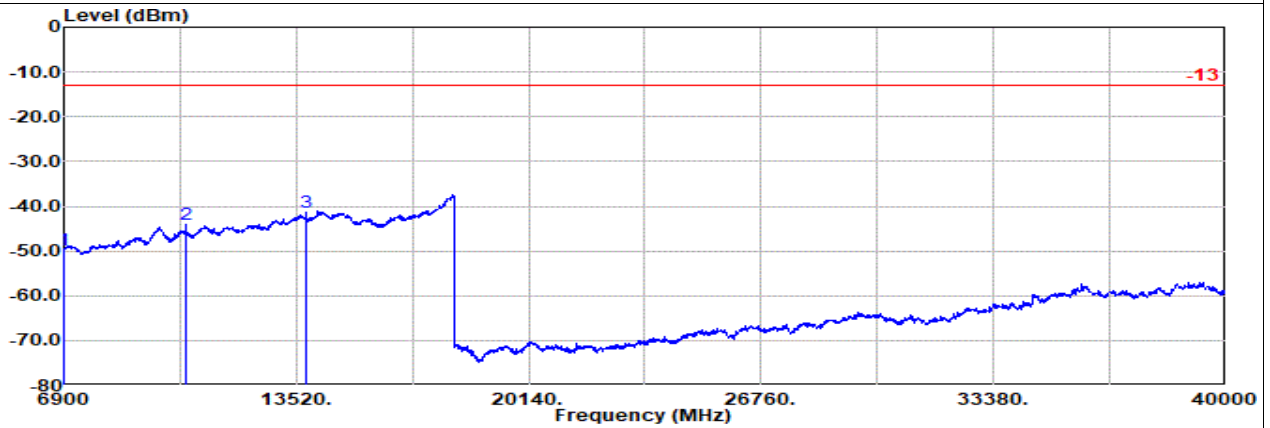
Ant.2

Part 27Q Mode 117
LTE B42 20M Ch42190 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: LTE Band 42 20M Ch42190 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 6902.18	-50.15	RMS	35.80	-20.62	1.21	-95.23	28.69	-13.00	-37.15 Horizontal
2 10353.27	-42.81	RMS	38.80	-17.97	0.28	-95.23	31.31	-13.00	-29.81 Horizontal
3 13804.36	-42.02	RMS	40.10	-16.69	-0.04	-95.23	29.84	-13.00	-29.02 Horizontal



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Vertical
: LTE Band 42 20M Ch42190 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 6902.18	-49.88	RMS	35.80	-20.62	1.21	-95.23	28.96	-13.00	-36.88 Vertical
2 10353.27	-43.93	RMS	38.80	-17.97	0.28	-95.23	30.19	-13.00	-30.93 Vertical
3 13804.36	-41.49	RMS	40.10	-16.69	-0.04	-95.23	30.37	-13.00	-28.49 Vertical

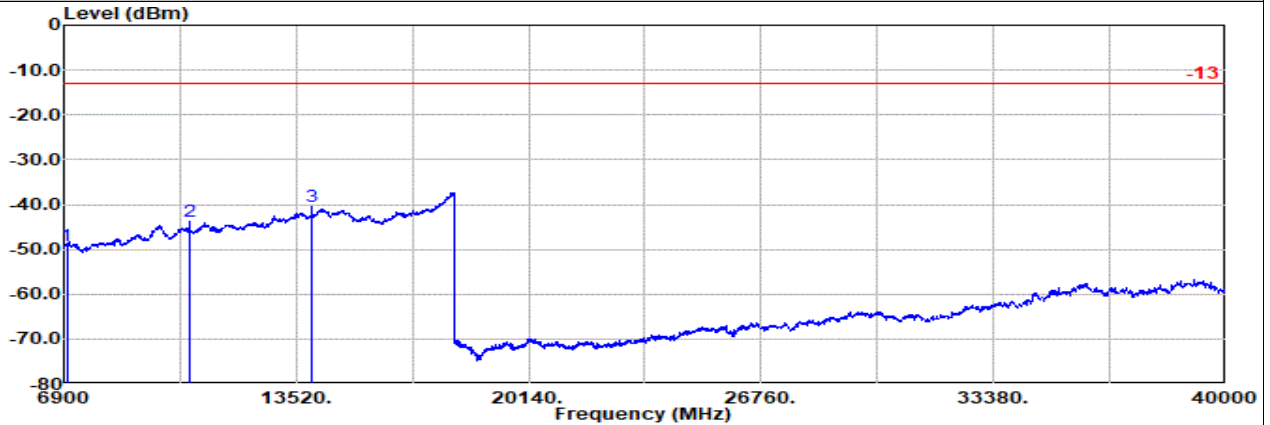


Ant.2

Part 27Q Mode 117

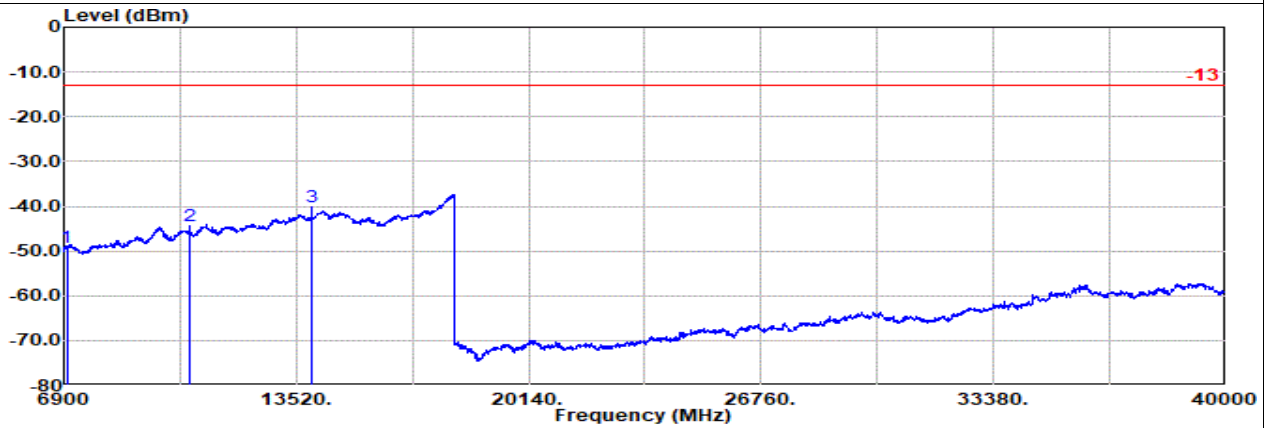
LTE B42 20M Ch42590 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	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	6982.18	-49.31	RMS	35.86	-20.62	1.08	-95.23	29.60	-13.00	-36.31	Horizontal
2	10473.27	-43.67	RMS	38.75	-17.93	0.28	-95.23	30.46	-13.00	-30.67	Horizontal
3	13964.36	-40.57	RMS	40.46	-16.66	-0.07	-95.23	30.93	-13.00	-27.57	Horizontal



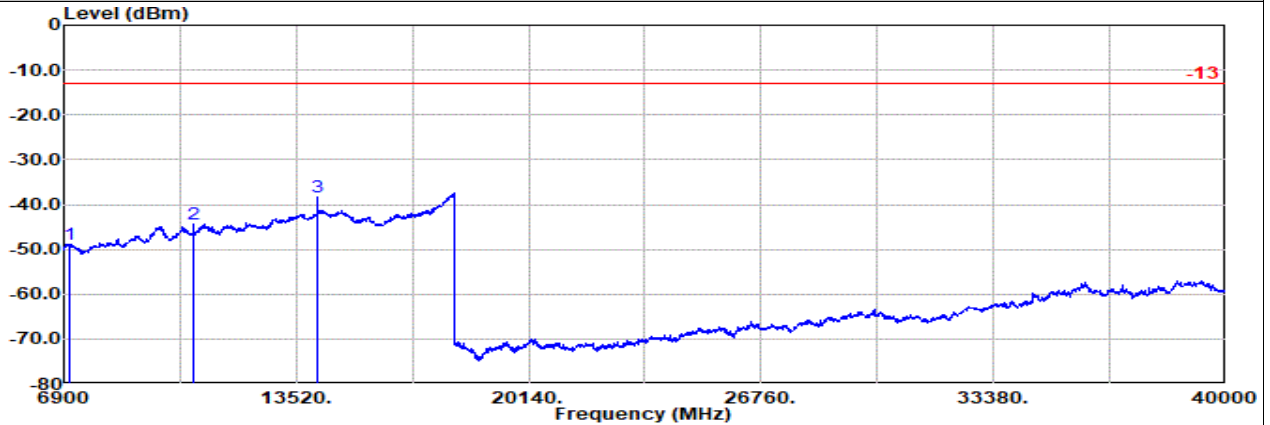
Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	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	6982.18	-49.17	RMS	35.86	-20.62	1.08	-95.23	29.74	-13.00	-36.17	Vertical
2	10473.27	-44.33	RMS	38.75	-17.93	0.28	-95.23	29.80	-13.00	-31.33	Vertical
3	13964.36	-40.11	RMS	40.46	-16.66	-0.07	-95.23	31.39	-13.00	-27.11	Vertical



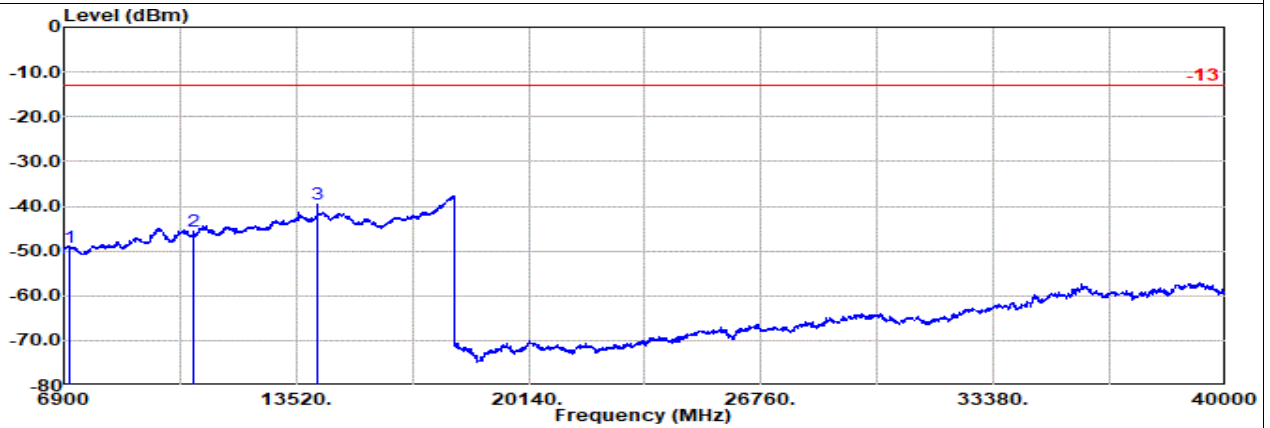
Ant.2

Part 27Q Mode 117
LTE B42 20M Ch42990 1RB0 QPSK
H



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: LTE Band 42 20M Ch42990 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
						Factor	1						
			7062.18	-49.04	RMS	36.15	-20.70	1.02	-95.23	29.72	-13.00	-36.04	Horizontal
			10593.27	-44.43	RMS	39.06	-17.94	0.28	-95.23	29.40	-13.00	-31.43	Horizontal
			14124.36	-38.25	RMS	40.65	-16.59	-0.06	-95.23	32.98	-13.00	-25.25	Horizontal



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Vertical
: LTE Band 42 20M Ch42990 1RB0 QPSK

1	2	3	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol	
						Factor	1						
			7062.18	-49.15	RMS	36.15	-20.70	1.02	-95.23	29.61	-13.00	-36.15	Vertical
			10593.27	-45.67	RMS	39.06	-17.94	0.28	-95.23	28.16	-13.00	-32.67	Vertical
			14124.36	-39.60	RMS	40.65	-16.59	-0.06	-95.23	31.63	-13.00	-26.60	Vertical

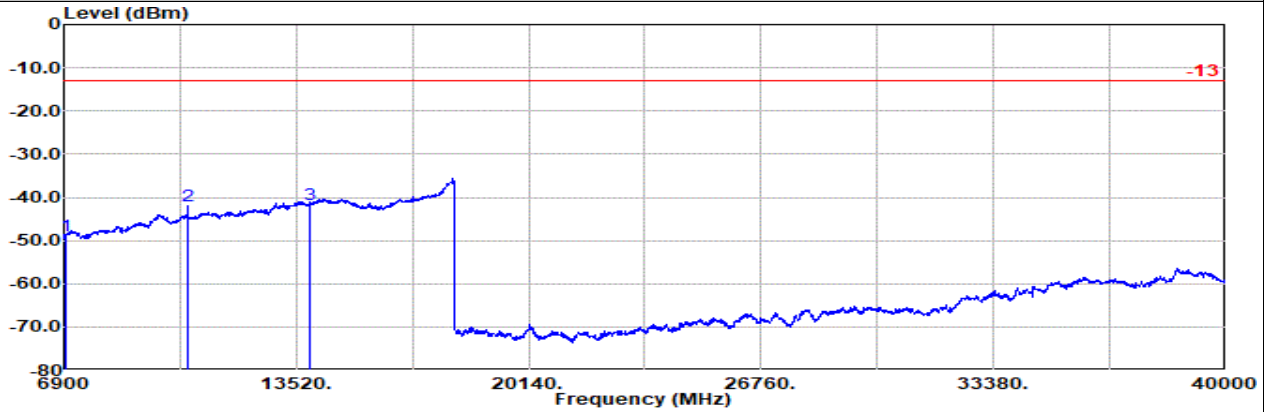


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Part 27Q Mode 121

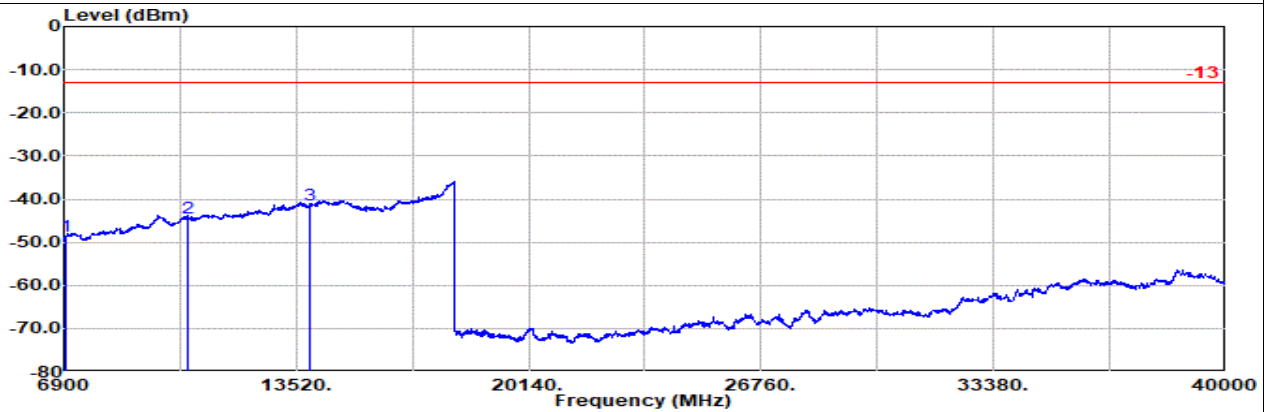
LTE CA B42C 20M + 20M Ch42190 1RB99 QPSK + Ch42388 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 42C 20M Ch42190 1RB99 QPSK
 : LTE Band 42C 20M Ch42388 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	6944.40	-48.89	RMS	35.80	-20.62	1.14	-95.23	30.02	-13.00	-35.89	Horizontal
2	10418.70	-42.01	RMS	38.80	-17.95	0.28	-95.23	32.09	-13.00	-29.01	Horizontal
3	13893.00	-41.62	RMS	40.36	-16.67	-0.06	-95.23	29.98	-13.00	-28.62	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 42C 20M Ch42190 1RB99 QPSK
 : LTE Band 42C 20M Ch42388 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	6944.40	-48.58	RMS	35.80	-20.62	1.14	-95.23	30.33	-13.00	-35.58	Vertical
2	10418.70	-44.32	RMS	38.80	-17.95	0.28	-95.23	29.78	-13.00	-31.32	Vertical
3	13893.00	-41.38	RMS	40.36	-16.67	-0.06	-95.23	30.22	-13.00	-28.38	Vertical

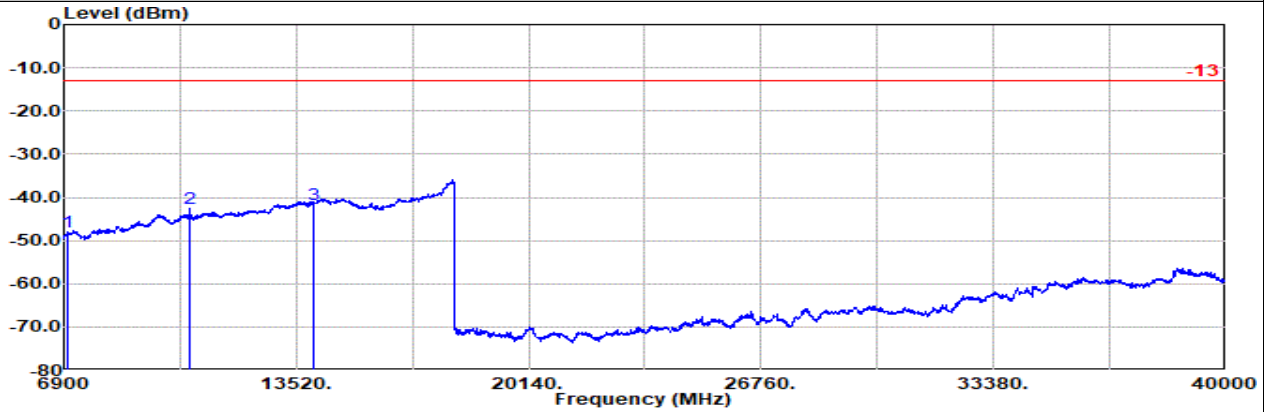


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Part 27Q Mode 121

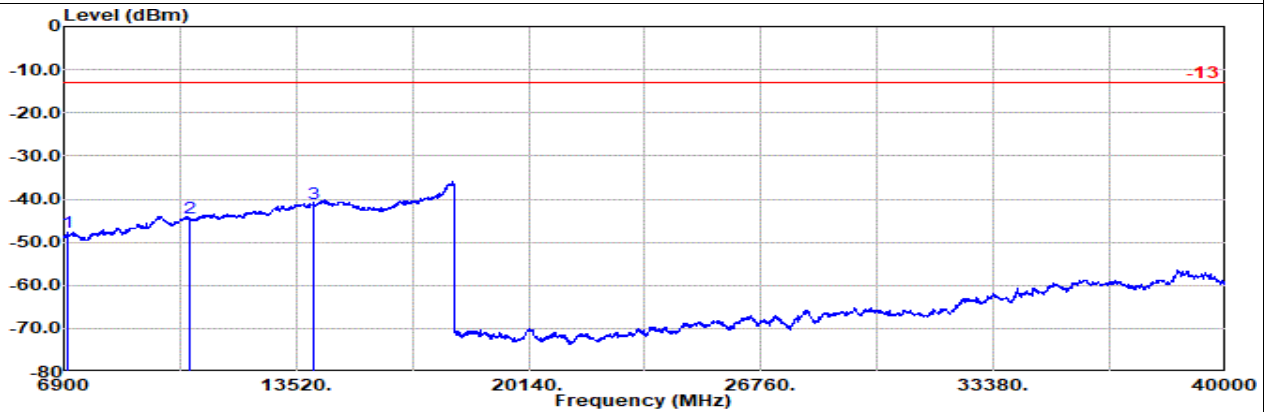
LTE CA B42C 20M + 20M Ch42491 1RB99 QPSK + Ch42689 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 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 6999.90	-48.11	RMS	35.90	-20.62	1.05	-95.23	30.79	-13.00	-35.11	Horizontal
2 10507.50	-42.44	RMS	38.72	-17.93	0.28	-95.23	31.72	-13.00	-29.44	Horizontal
3 14004.00	-41.56	RMS	40.60	-16.65	-0.08	-95.23	29.80	-13.00	-28.56	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 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 6999.90	-47.56	RMS	35.90	-20.62	1.05	-95.23	31.34	-13.00	-34.56	Vertical
2 10507.50	-44.39	RMS	38.72	-17.93	0.28	-95.23	29.77	-13.00	-31.39	Vertical
3 14004.00	-40.91	RMS	40.60	-16.65	-0.08	-95.23	30.45	-13.00	-27.91	Vertical

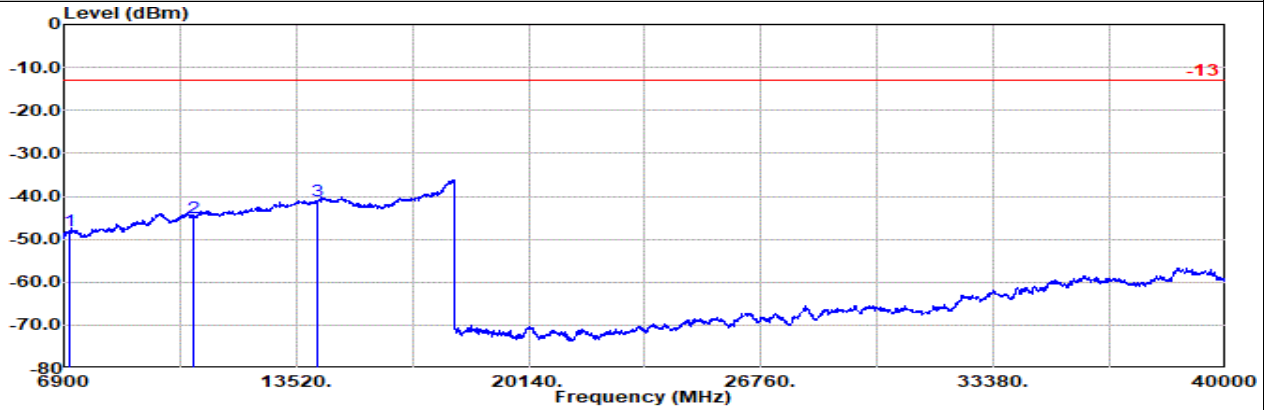


Ant.2

Part 27Q Mode 121

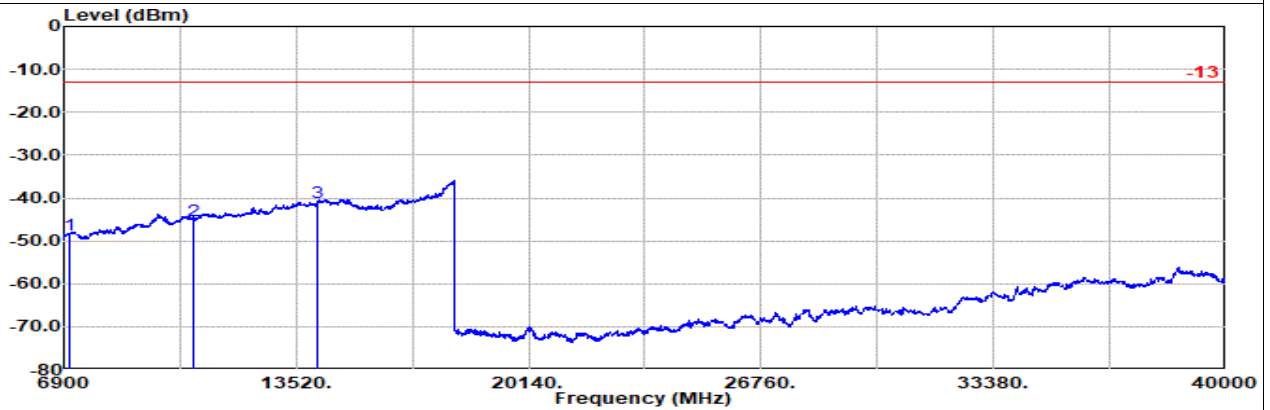
LTE CA B42C 20M + 20M Ch42792 1RB99 QPSK + Ch42990 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 42C 20M Ch42792 1RB99 QPSK
 : LTE Band 42C 20M Ch42990 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 : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 42C 20M Ch42792 1RB99 QPSK
 : LTE Band 42C 20M Ch42990 1RB0 QPSK

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

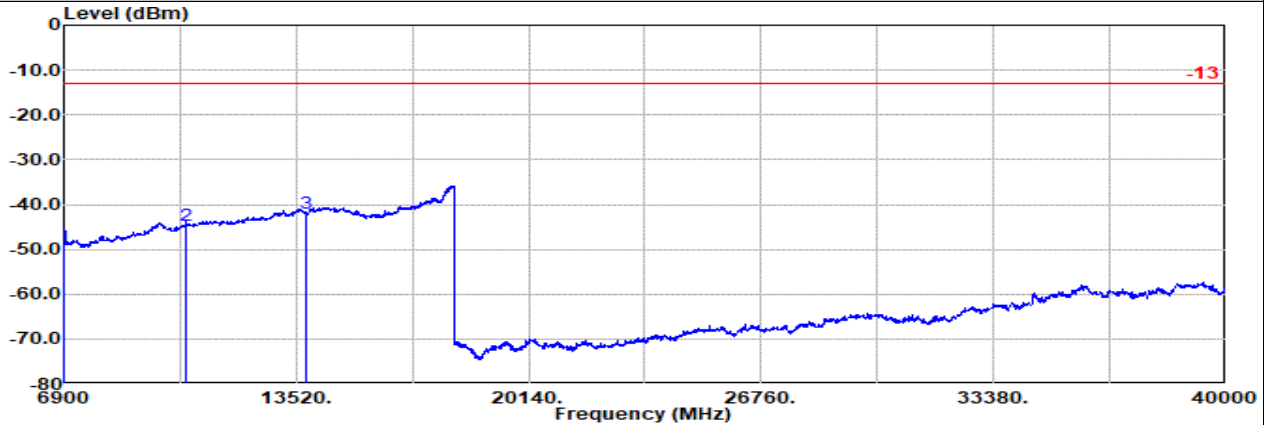


Ant.0

Part 27Q Mode 118

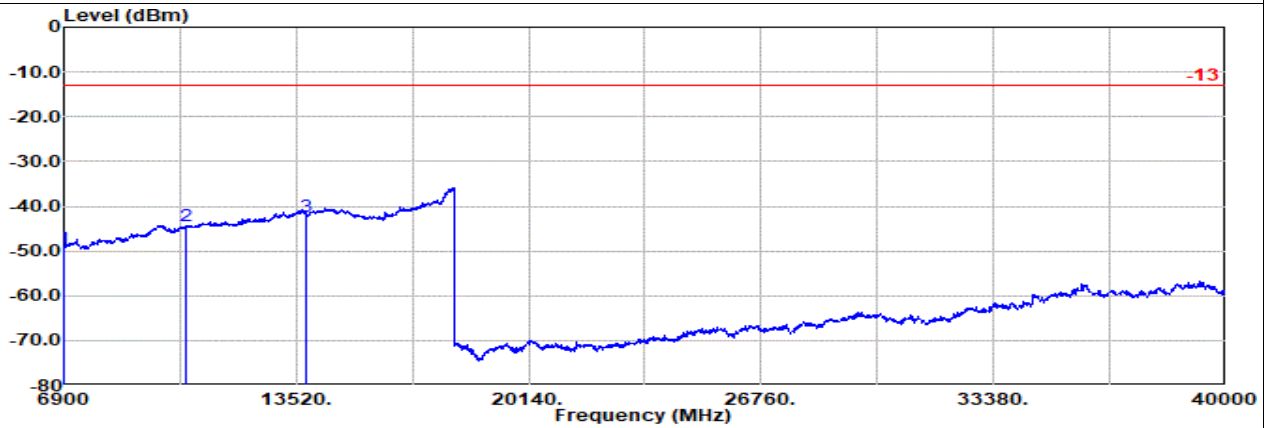
LTE B42 20M Ch42190 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 42 20M Ch42190 1RB0 QPSK

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit g	Margin	Pol	
				Factor	1						
				dB/m	dB	dB	dBuV	dBm	dB		
1	6902.18	-49.52	RMS	35.80	-20.62	1.21	-95.23	29.32	-13.00	-36.52	Horizontal
2	10353.27	-44.55	RMS	38.80	-17.97	0.28	-95.23	29.57	-13.00	-31.55	Horizontal
3	13804.36	-42.06	RMS	40.10	-16.69	-0.04	-95.23	29.80	-13.00	-29.06	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 42 20M Ch42190 1RB0 QPSK

1	MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit g	Margin	Pol	
				Factor	1						
				dB/m	dB	dB	dBuV	dBm	dB		
1	6902.18	-49.40	RMS	35.80	-20.62	1.21	-95.23	29.44	-13.00	-36.40	Vertical
2	10353.27	-44.51	RMS	38.80	-17.97	0.28	-95.23	29.61	-13.00	-31.51	Vertical
3	13804.36	-42.15	RMS	40.10	-16.69	-0.04	-95.23	29.71	-13.00	-29.15	Vertical

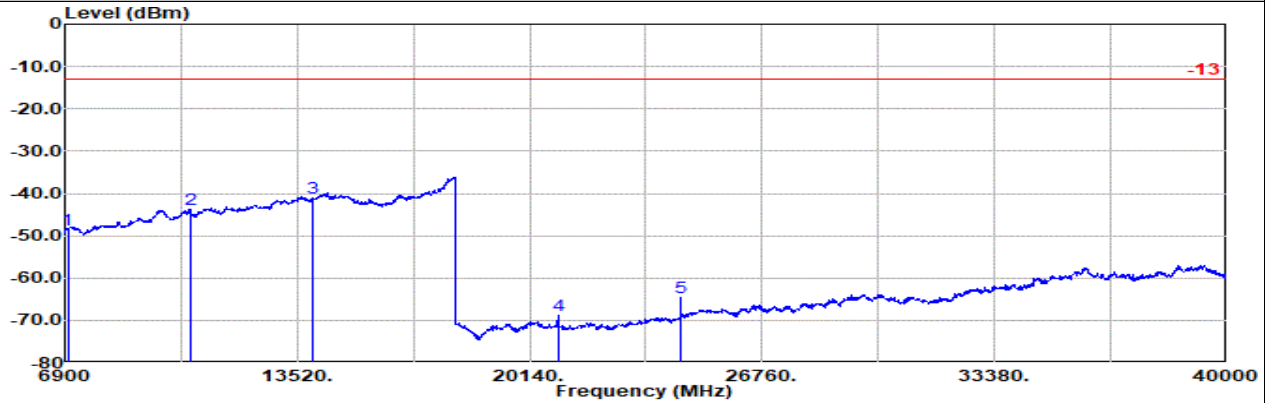


Ant.0

Part 27Q Mode 118

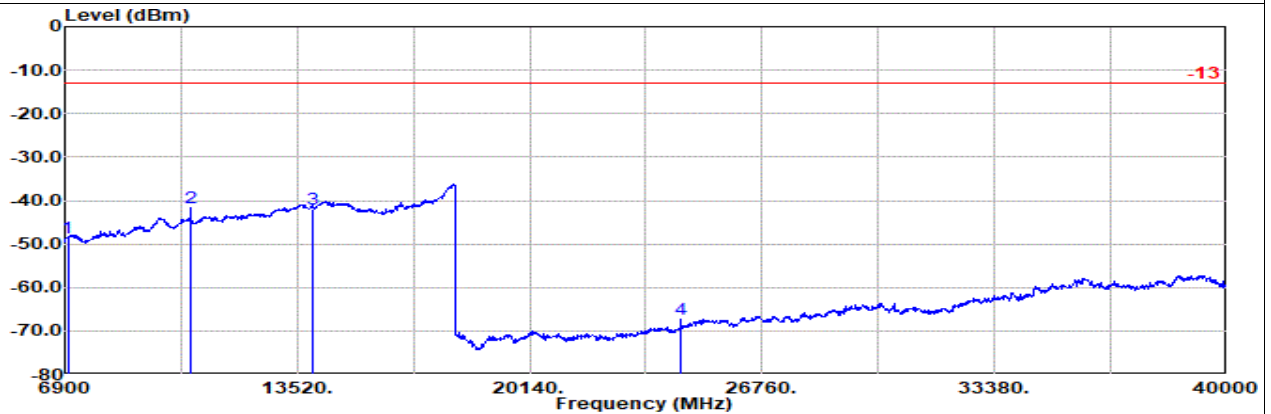
LTE B42 20M Ch42590 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Horizontal
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	6982.18	-48.74	RMS	35.86	-20.62	1.08	-95.23	30.17	-13.00	-35.74	Horizontal
2	10473.27	-43.65	RMS	38.75	-17.93	0.28	-95.23	30.48	-13.00	-30.65	Horizontal
3	13964.36	-41.03	RMS	40.46	-16.66	-0.07	-95.23	30.47	-13.00	-28.03	Horizontal
4	20952.00	-68.97	RMS	38.10	-36.35	-9.54	-95.23	34.05	-13.00	-55.97	Horizontal
5	24440.00	-64.52	RMS	39.00	-32.82	-9.54	-95.23	34.07	-13.00	-51.52	Horizontal



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Vertical
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	6982.18	-48.69	RMS	35.86	-20.62	1.08	-95.23	30.22	-13.00	-35.69	Vertical
2	10473.27	-41.70	RMS	38.75	-17.93	0.28	-95.23	32.43	-13.00	-28.70	Vertical
3	13964.36	-41.81	RMS	40.46	-16.66	-0.07	-95.23	29.69	-13.00	-28.81	Vertical
4	24440.00	-67.26	RMS	39.00	-32.82	-9.54	-95.23	31.33	-13.00	-54.26	Vertical

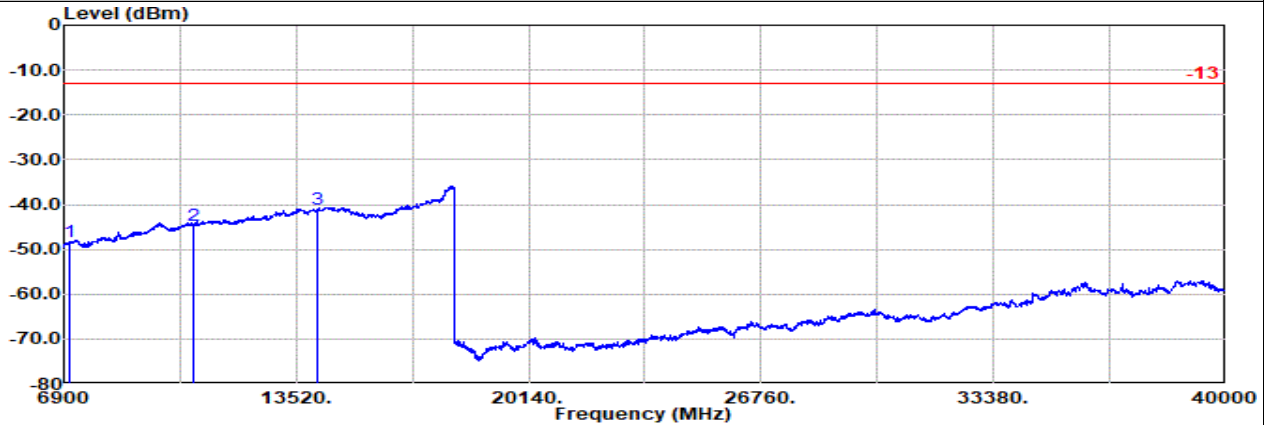


Ant.0

Part 27Q Mode 118

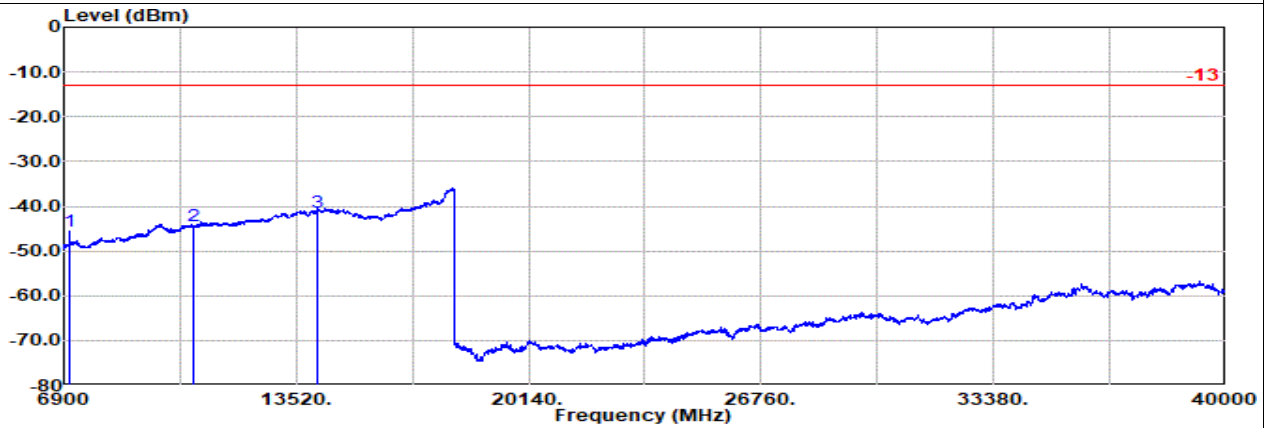
LTE B42 20M Ch42990 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 42 20M Ch42990 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	1				g	dB	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7066.50	-48.27	RMS	36.17	-20.71	1.02	-95.23	30.48	-13.00	-35.27	Horizontal
2 10593.27	-44.66	RMS	39.06	-17.94	0.28	-95.23	29.17	-13.00	-31.66	Horizontal
3 14124.36	-41.08	RMS	40.65	-16.59	-0.06	-95.23	30.15	-13.00	-28.08	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 42 20M Ch42990 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	1				g	dB	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7066.50	-45.70	RMS	36.17	-20.71	1.02	-95.23	33.05	-13.00	-32.70	Vertical
2 10593.27	-44.24	RMS	39.06	-17.94	0.28	-95.23	29.59	-13.00	-31.24	Vertical
3 14124.36	-41.26	RMS	40.65	-16.59	-0.06	-95.23	29.97	-13.00	-28.26	Vertical

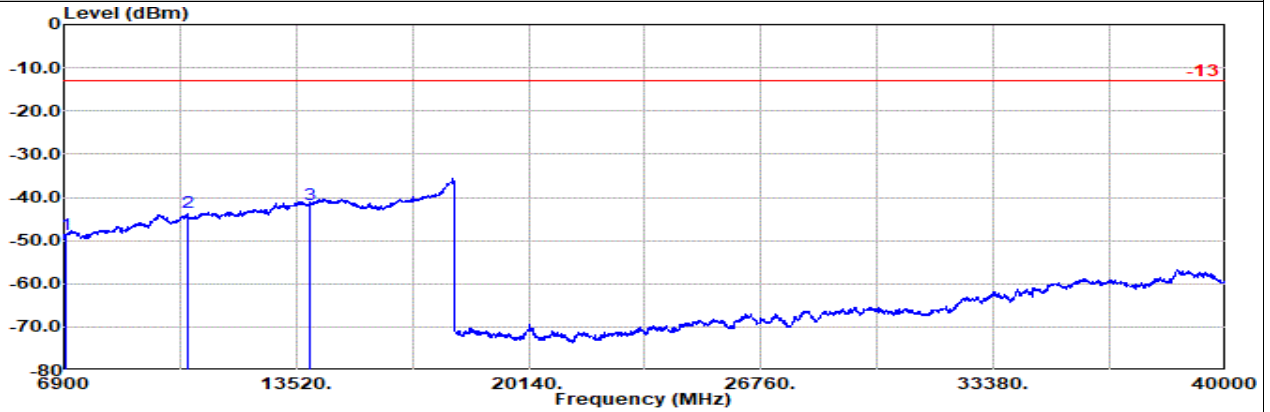


Ant.0

Part 27Q Mode 122

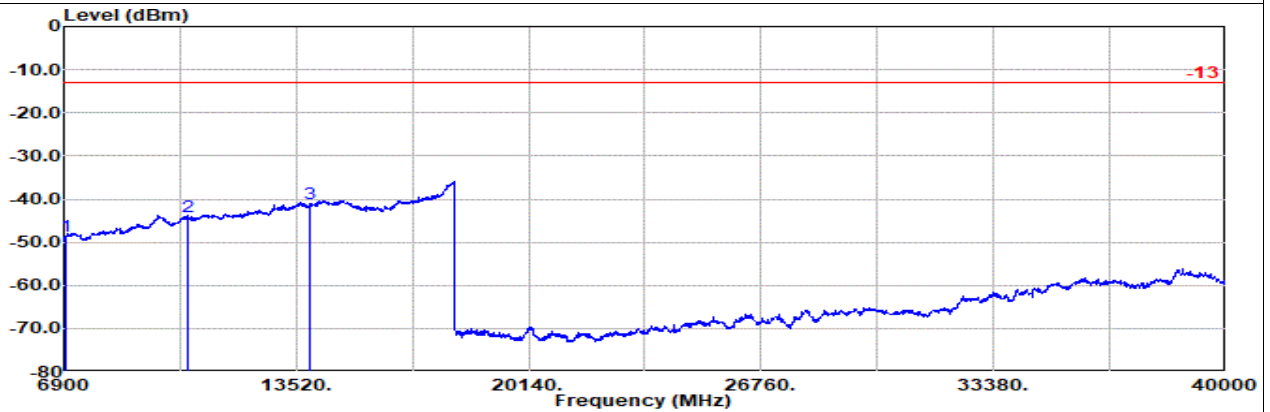
LTE CA B42C 20M + 20M Ch42190 1RB99 QPSK + Ch42388 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_240624 Horizontal
 : LTE Band 42C 20M Ch42190 1RB99 QPSK
 : LTE Band 42C 20M Ch42388 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin		Pol
			Factor	1					g	Pol	
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB		
1 6944.40	-48.70	RMS	35.80	-20.62	1.14	-95.23	30.21	-13.00	-35.70	Horizontal	
2 10418.70	-43.52	RMS	38.80	-17.95	0.28	-95.23	30.58	-13.00	-30.52	Horizontal	
3 13893.00	-41.51	RMS	40.36	-16.67	-0.06	-95.23	30.09	-13.00	-28.51	Horizontal	



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_240624 Vertical
 : LTE Band 42C 20M Ch42190 1RB99 QPSK
 : LTE Band 42C 20M Ch42388 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin		Pol
			Factor	1					g	Pol	
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB		
1 6944.40	-48.47	RMS	35.80	-20.62	1.14	-95.23	30.44	-13.00	-35.47	Vertical	
2 10418.70	-44.15	RMS	38.80	-17.95	0.28	-95.23	29.95	-13.00	-31.15	Vertical	
3 13893.00	-41.07	RMS	40.36	-16.67	-0.06	-95.23	30.53	-13.00	-28.07	Vertical	

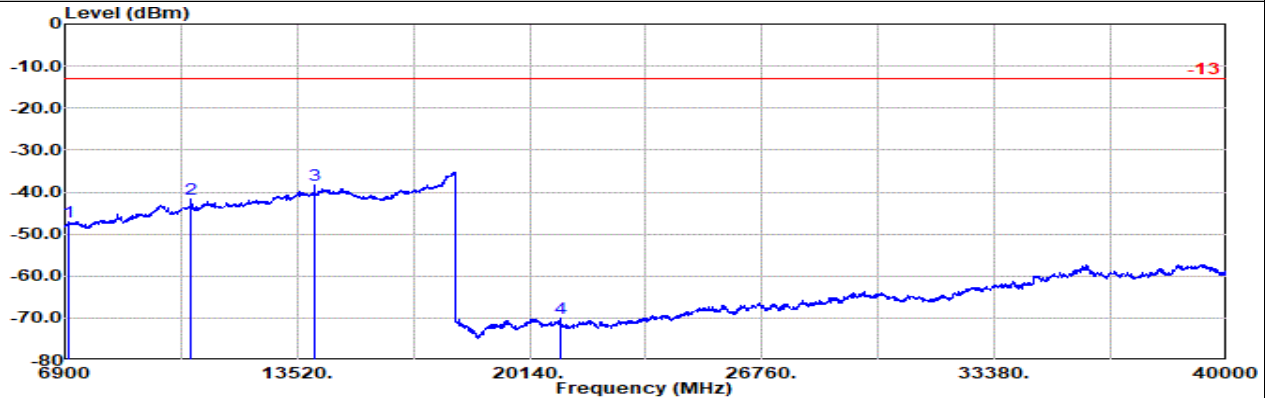


Ant.0

Part 27Q Mode 122

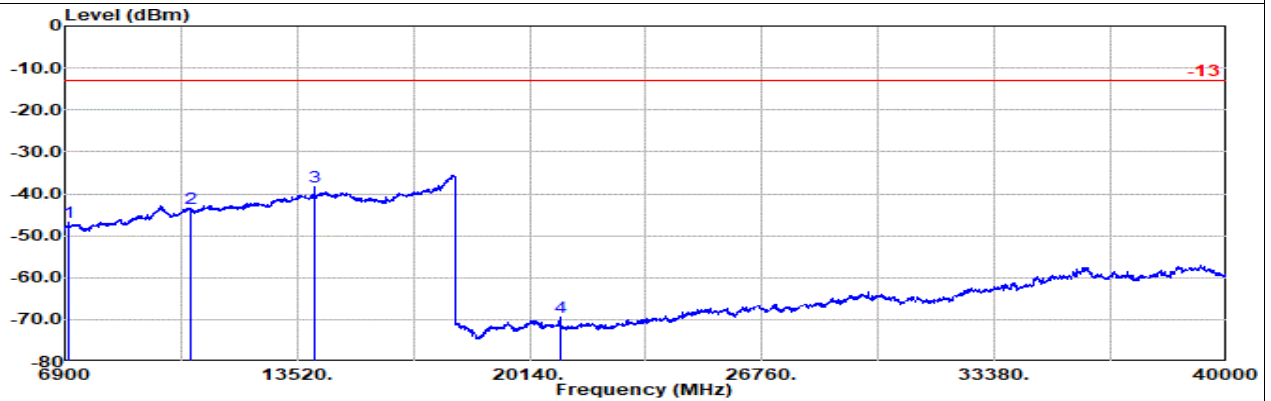
LTE CA B42C 20M + 20M Ch42491 1RB99 QPSK + Ch42689 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 1RB0 QPSK

1	2	3	4
Freq	Level	Detector	Ant Amp\Cb Filter
MHz	dBm		Factor 1
6999.90	-47.22	RMS	35.90 -20.62 1.05 -95.23
10507.50	-41.55	RMS	38.72 -17.93 0.28 -95.23
14004.00	-38.27	RMS	40.60 -16.65 -0.08 -95.23
21000.00	-70.01	RMS	38.00 -36.30 -9.54 -95.23



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 1RB0 QPSK

1	2	3	4
Freq	Level	Detector	Ant Amp\Cb Filter
MHz	dBm		Factor 1
6999.90	-46.65	RMS	35.90 -20.62 1.05 -95.23
10507.50	-43.52	RMS	38.72 -17.93 0.28 -95.23
14004.00	-38.28	RMS	40.60 -16.65 -0.08 -95.23
21000.00	-69.33	RMS	38.00 -36.30 -9.54 -95.23

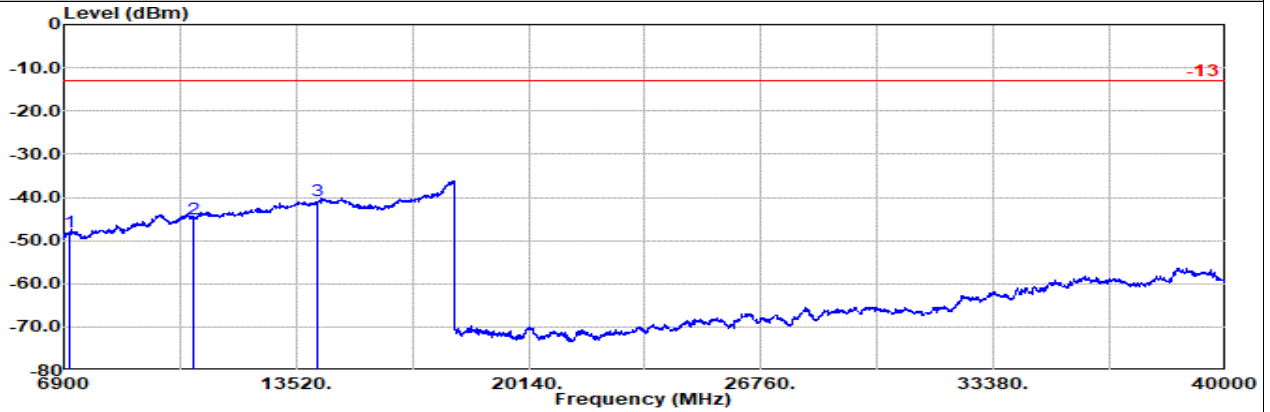


Ant.0

Part 27Q Mode 122

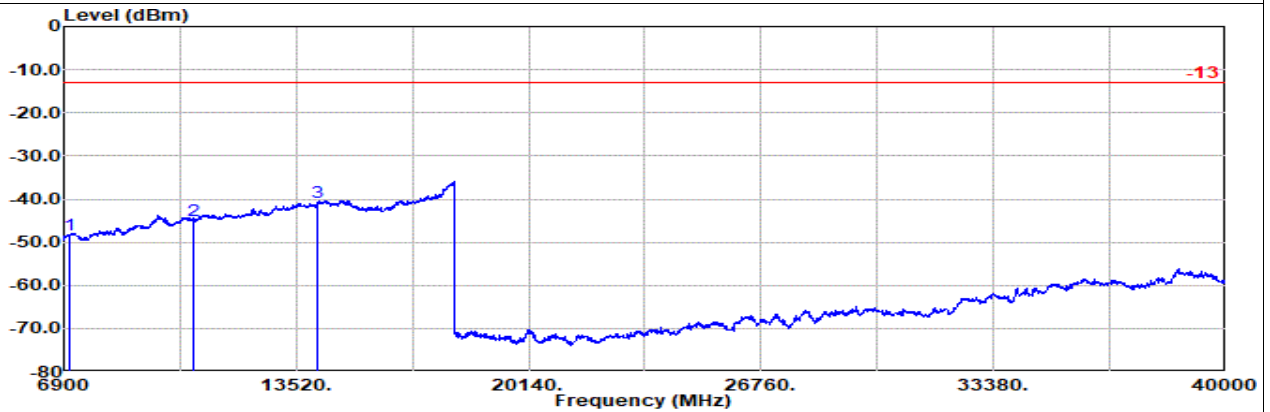
LTE CA B42C 20M + 20M Ch42792 1RB99 QPSK + Ch42990 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_240624 Horizontal
 : LTE Band 42C 20M Ch42792 1RB99 QPSK
 : LTE Band 42C 20M Ch42990 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 7058.00	-47.87	RMS	36.13	-20.70	1.02	-95.23	30.91	-13.00	-34.87	Horizontal
2 10587.00	-44.93	RMS	39.02	-17.93	0.28	-95.23	28.93	-13.00	-31.93	Horizontal
3 14115.00	-40.90	RMS	40.63	-16.59	-0.06	-95.23	30.35	-13.00	-27.90	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_240624 Vertical
 : LTE Band 42C 20M Ch42792 1RB99 QPSK
 : LTE Band 42C 20M Ch42990 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 7058.00	-48.43	RMS	36.13	-20.70	1.02	-95.23	30.35	-13.00	-35.43	Vertical
2 10587.00	-44.95	RMS	39.02	-17.93	0.28	-95.23	28.91	-13.00	-31.95	Vertical
3 14115.00	-40.88	RMS	40.63	-16.59	-0.06	-95.23	30.37	-13.00	-27.88	Vertical

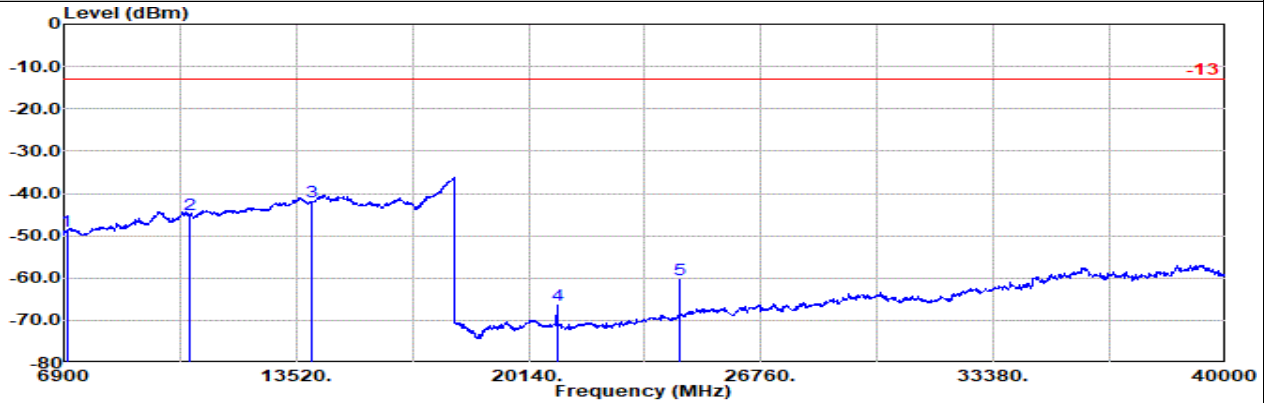


Ant.1

Part 27Q Mode 119

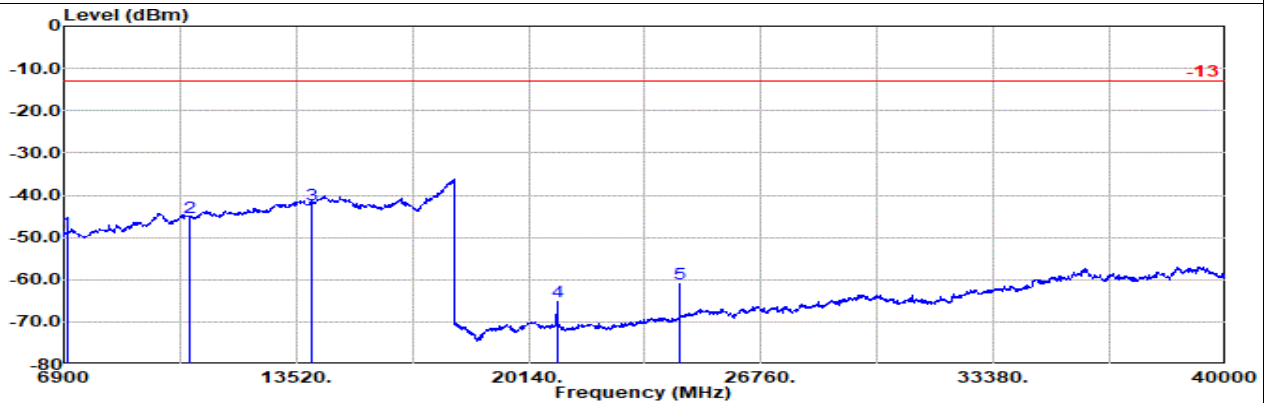
LTE B42 20M Ch42590 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Horizontal
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit g	Margin	Pol
				Factor	1						
1	6982.18	-48.86	RMS	35.86	-20.62	1.08	-95.23	30.05	-13.00	-35.86	Horizontal
2	10473.27	-45.06	RMS	38.75	-17.93	0.28	-95.23	29.07	-13.00	-32.06	Horizontal
3	13964.36	-41.92	RMS	40.46	-16.66	-0.07	-95.23	29.58	-13.00	-28.92	Horizontal
4	20952.00	-66.30	RMS	38.10	-36.35	-9.54	-95.23	36.72	-13.00	-53.30	Horizontal
5	24440.00	-60.23	RMS	39.00	-32.82	-9.54	-95.23	38.36	-13.00	-47.23	Horizontal



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Vertical
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit g	Margin	Pol
				Factor	1						
1	6982.18	-48.97	RMS	35.86	-20.62	1.08	-95.23	29.94	-13.00	-35.97	Vertical
2	10473.27	-45.22	RMS	38.75	-17.93	0.28	-95.23	28.91	-13.00	-32.22	Vertical
3	13964.36	-42.17	RMS	40.46	-16.66	-0.07	-95.23	29.33	-13.00	-29.17	Vertical
4	20952.00	-65.12	RMS	38.10	-36.35	-9.54	-95.23	37.90	-13.00	-52.12	Vertical
5	24440.00	-60.86	RMS	39.00	-32.82	-9.54	-95.23	37.73	-13.00	-47.86	Vertical

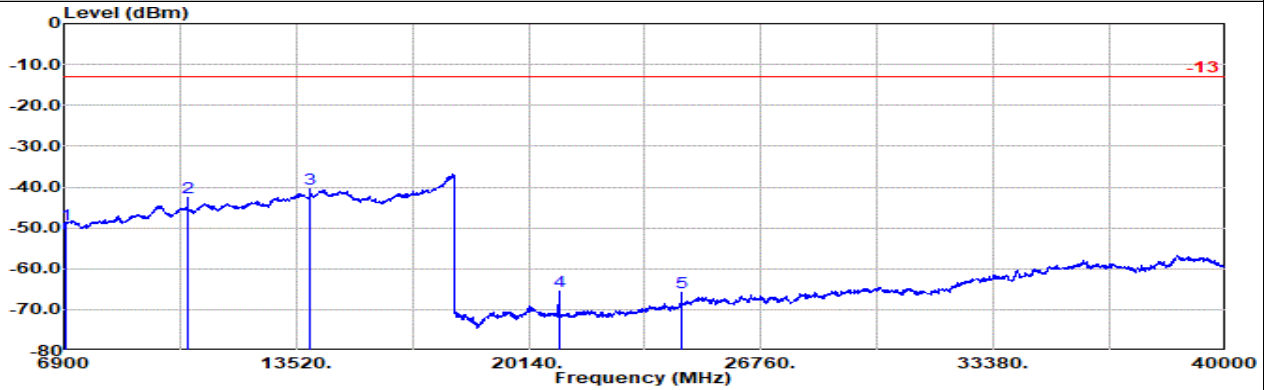


Ant.1

Part 27Q Mode 123

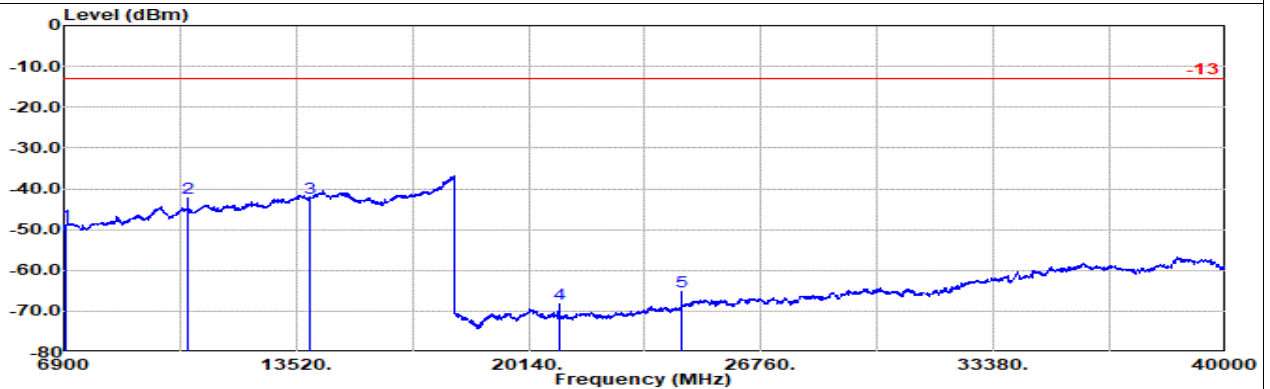
LTE CA B42C 20M + 20M Ch42491 1RB99 QPSK + Ch42689 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 1RB0 QPSK

1	2	3	4	5	Ant		Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
					Factor	1	dB	dB	dB	dB					
MHz	dBm	Detector	dB/m	dB	dB	dB	dB	dB	dBuV	dBm	dB	dBuV	dBm	dB	
6966.60	-49.09	RMS	35.83	-20.62	1.11	-95.23	29.82	-13.00	-36.09	Horizontal					
10440.90	-42.69	RMS	38.80	-17.94	0.28	-95.23	31.40	-13.00	-29.69	Horizontal					
13925.48	-40.41	RMS	40.40	-16.67	-0.07	-95.23	31.16	-13.00	-27.41	Horizontal					
21000.00	-65.55	RMS	37.80	-36.30	-9.54	-95.23	37.72	-13.00	-52.55	Horizontal					
24504.00	-65.92	RMS	39.22	-32.79	-9.54	-95.23	32.42	-13.00	-52.92	Horizontal					



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 1RB0 QPSK

1	2	3	4	5	Ant		Amp\Cb		Filter		EIRPCF	Readin	Limit	Margin	Pol
					Factor	1	dB	dB	dB	dB					
MHz	dBm	Detector	dB/m	dB	dB	dB	dB	dB	dBuV	dBm	dB	dBuV	dBm	dB	
6966.60	-48.93	RMS	35.83	-20.62	1.11	-95.23	29.98	-13.00	-35.93	Vertical					
10440.90	-42.20	RMS	38.80	-17.94	0.28	-95.23	31.89	-13.00	-29.20	Vertical					
13925.48	-42.32	RMS	40.40	-16.67	-0.07	-95.23	29.25	-13.00	-29.32	Vertical					
21000.00	-68.16	RMS	37.80	-36.30	-9.54	-95.23	35.11	-13.00	-55.16	Vertical					
24504.00	-65.26	RMS	39.22	-32.79	-9.54	-95.23	33.08	-13.00	-52.26	Vertical					

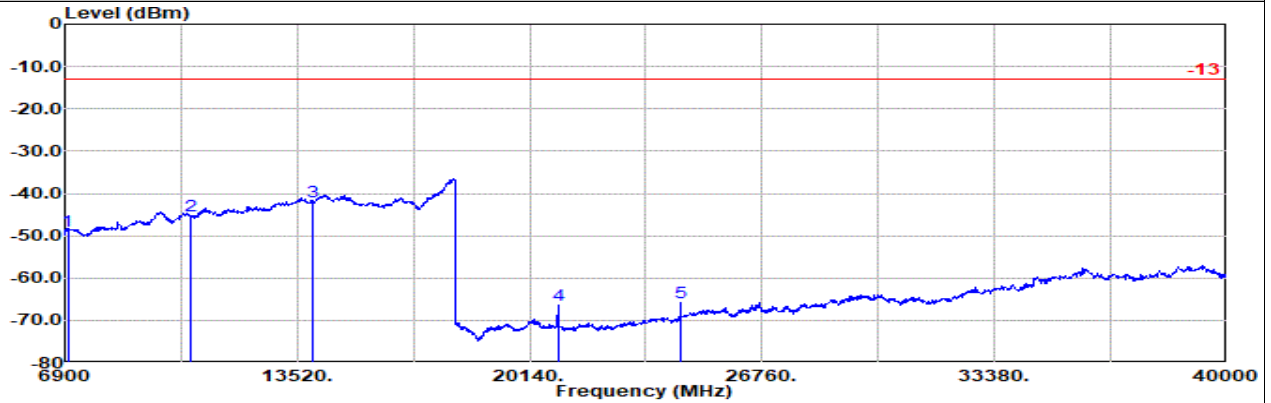


Ant.3

Part 27Q Mode 120

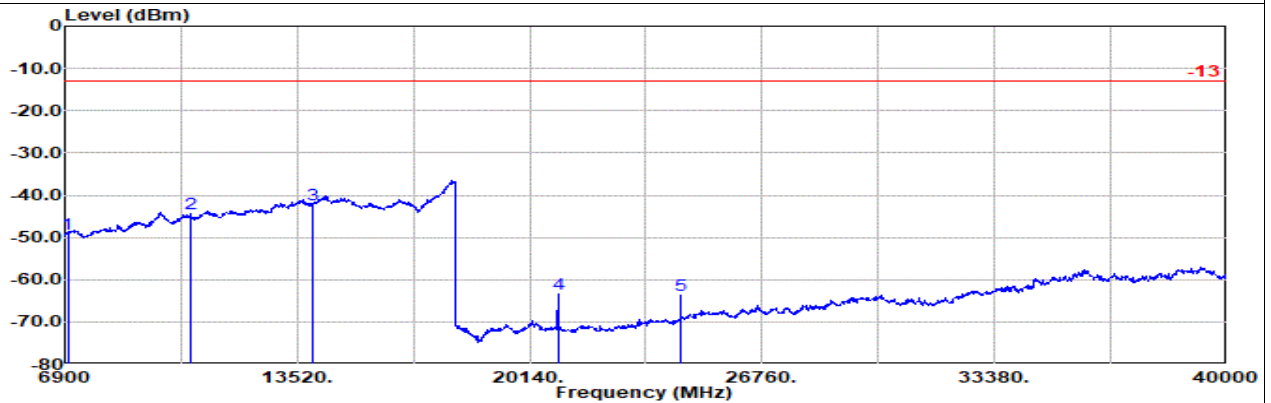
LTE B42 20M Ch42590 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Horizontal
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	6982.18	-48.91	RMS	35.86	-20.62	1.08	-95.23	30.00	-13.00	-35.91	Horizontal
2	10473.27	-45.16	RMS	38.75	-17.93	0.28	-95.23	28.97	-13.00	-32.16	Horizontal
3	13964.36	-42.03	RMS	40.46	-16.66	-0.07	-95.23	29.47	-13.00	-29.03	Horizontal
4	20952.00	-66.35	RMS	38.10	-36.35	-9.54	-95.23	36.67	-13.00	-53.35	Horizontal
5	24440.00	-65.68	RMS	39.00	-32.82	-9.54	-95.23	32.91	-13.00	-52.68	Horizontal



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Vertical
 : LTE Band 42 20M Ch42590 1RB0 QPSK

No	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1						
1	6982.18	-49.15	RMS	35.86	-20.62	1.08	-95.23	29.76	-13.00	-36.15	Vertical
2	10473.27	-44.50	RMS	38.75	-17.93	0.28	-95.23	29.63	-13.00	-31.50	Vertical
3	13964.36	-42.16	RMS	40.46	-16.66	-0.07	-95.23	29.34	-13.00	-29.16	Vertical
4	20952.00	-63.37	RMS	38.10	-36.35	-9.54	-95.23	39.65	-13.00	-50.37	Vertical
5	24440.00	-63.71	RMS	39.00	-32.82	-9.54	-95.23	34.88	-13.00	-50.71	Vertical

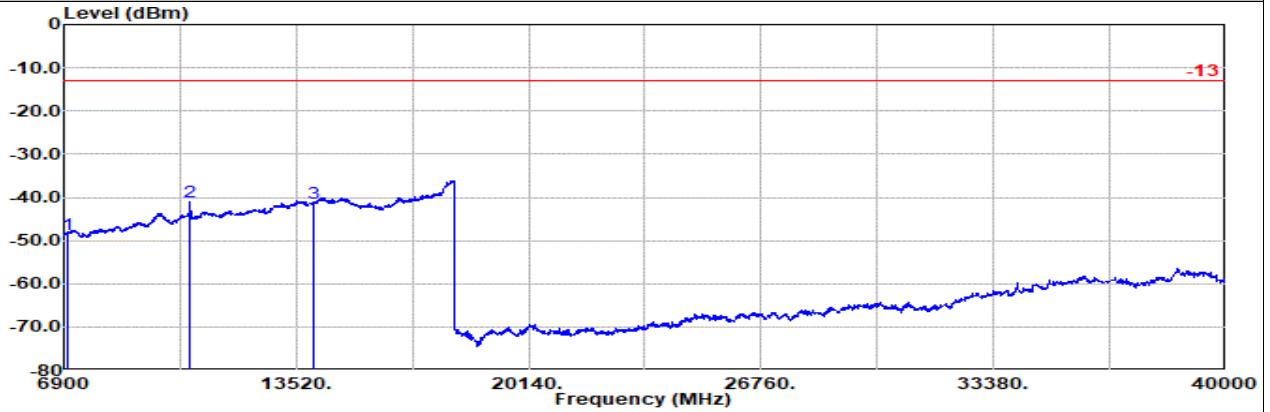


Ant.3

Part 27Q Mode 124

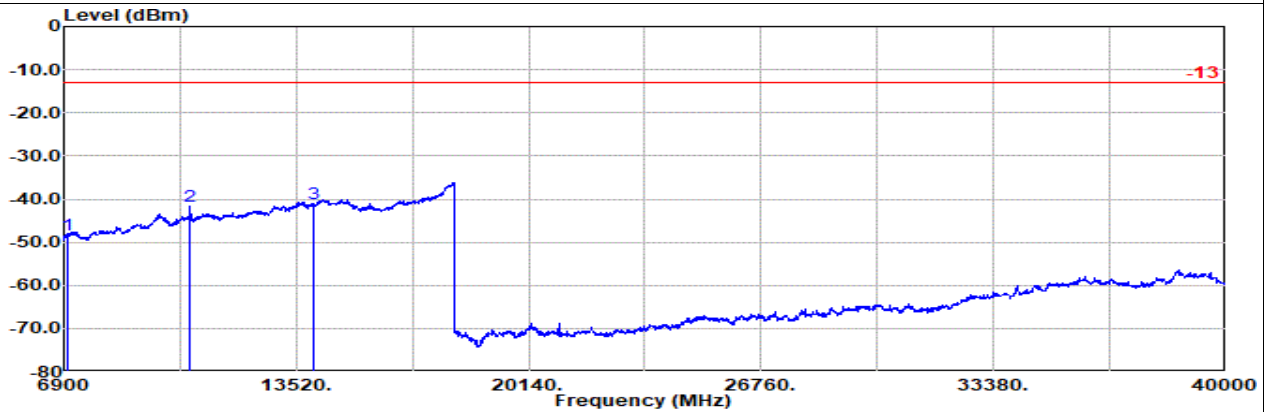
LTE CA B42C 20M + 20M Ch42491 1RB99 QPSK + Ch42689 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 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 6999.90	-48.57	RMS	35.90	-20.62	1.05	-95.23	30.33	-13.00	-35.57	Horizontal
2 10507.50	-41.06	RMS	38.72	-17.93	0.28	-95.23	33.10	-13.00	-28.06	Horizontal
3 14004.00	-41.28	RMS	40.60	-16.65	-0.08	-95.23	30.08	-13.00	-28.28	Horizontal



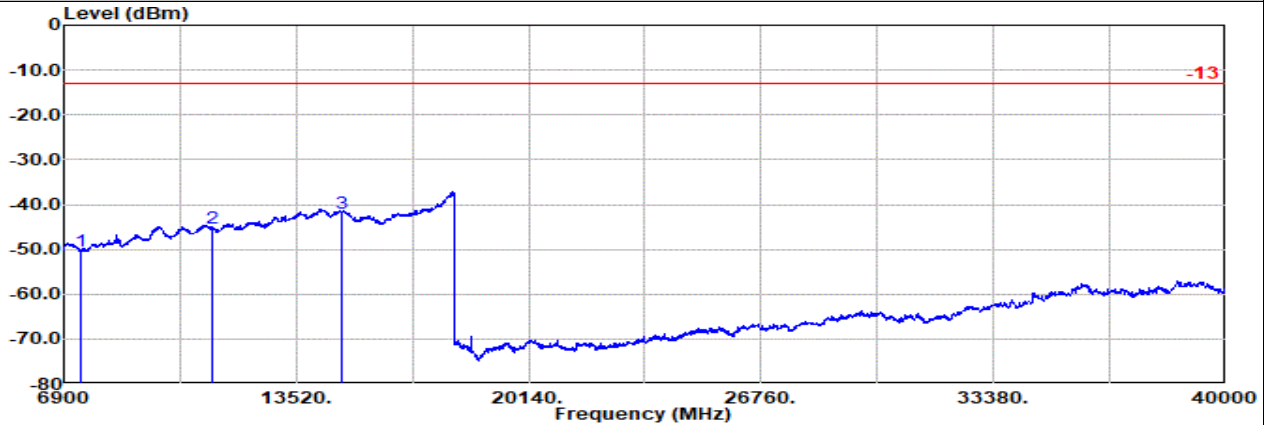
Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 42C 20M Ch42491 1RB99 QPSK
 : LTE Band 42C 20M Ch42689 1RB0 QPSK

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 6999.90	-48.25	RMS	35.90	-20.62	1.05	-95.23	30.65	-13.00	-35.25	Vertical
2 10507.50	-41.77	RMS	38.72	-17.93	0.28	-95.23	32.39	-13.00	-28.77	Vertical
3 14004.00	-40.99	RMS	40.60	-16.65	-0.08	-95.23	30.37	-13.00	-27.99	Vertical



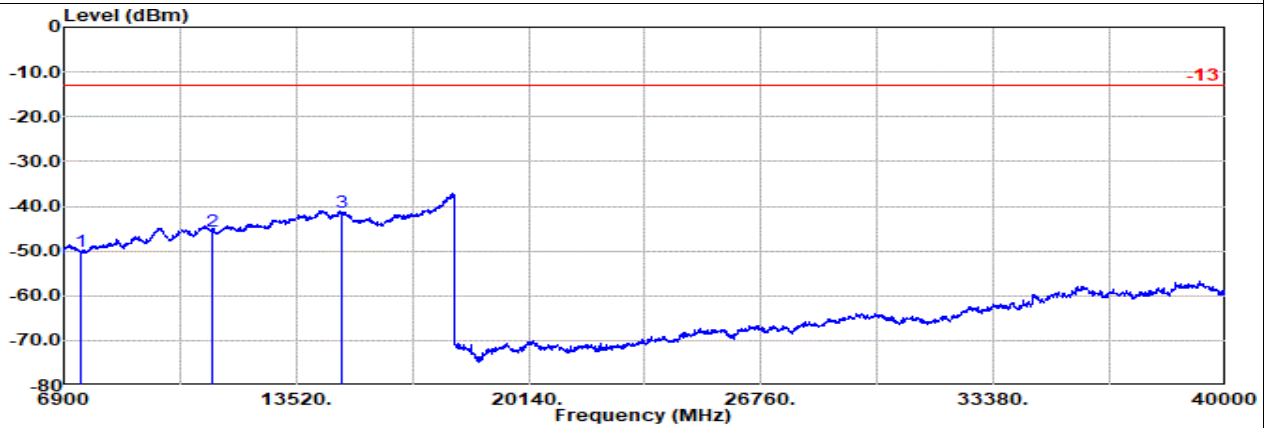
Ant.2

Part 270 Mode 141
LTE B43 20M Ch44690 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: LTE Band 43 20M Ch44690 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7402.18	-50.43	RMS	36.40	-20.92	0.94 -95.23	28.38	-13.00	-37.43	Horizontal
2 11103.27	-45.22	RMS	38.71	-17.95	0.29 -95.23	28.96	-13.00	-32.22	Horizontal
3 14804.36	-41.82	RMS	40.08	-16.12	0.06 -95.23	29.39	-13.00	-28.82	Horizontal



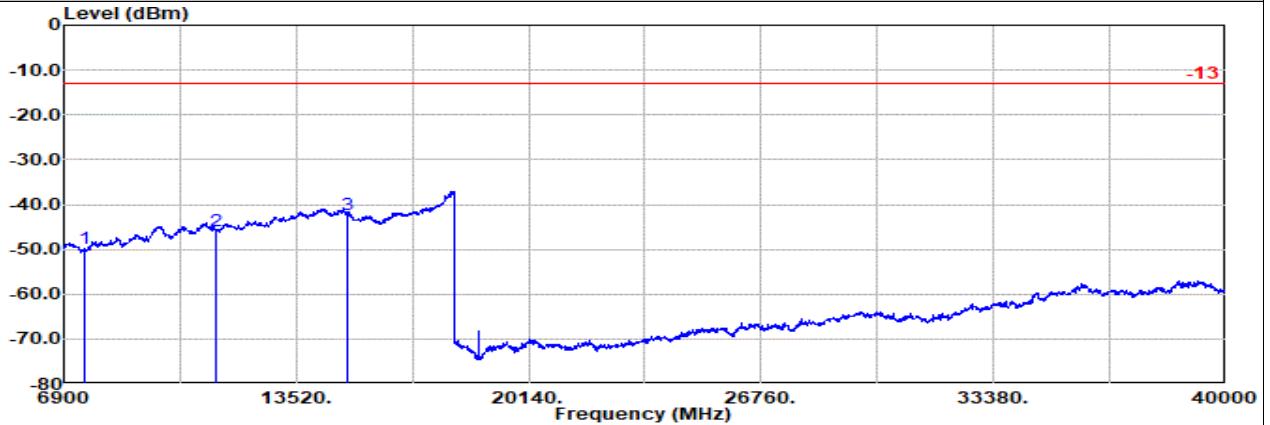
Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Vertical
: LTE Band 43 20M Ch44690 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 7402.18	-50.23	RMS	36.40	-20.92	0.94 -95.23	28.58	-13.00	-37.23	Vertical
2 11103.27	-45.55	RMS	38.71	-17.95	0.29 -95.23	28.63	-13.00	-32.55	Vertical
3 14804.36	-41.24	RMS	40.08	-16.12	0.06 -95.23	29.97	-13.00	-28.24	Vertical



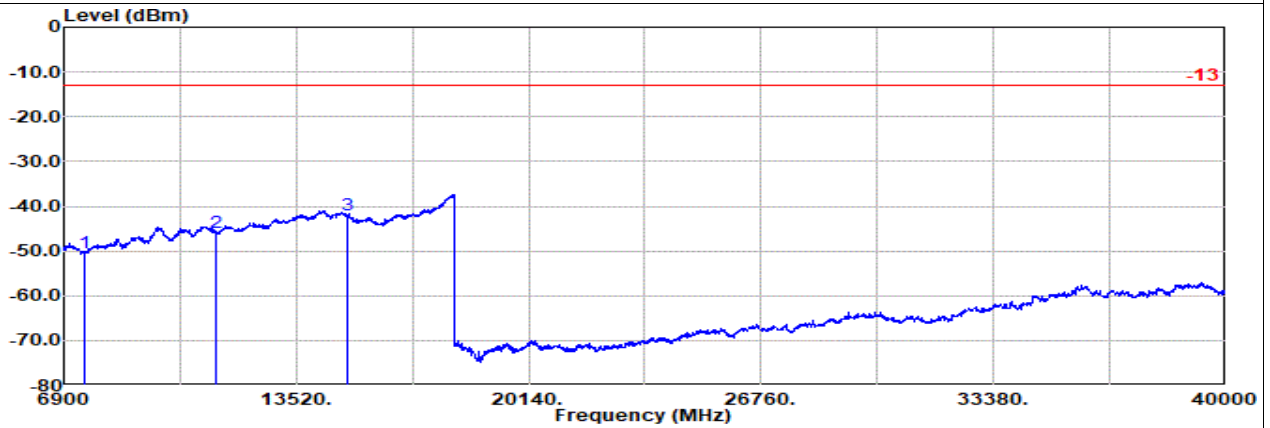
Ant.2

Part 270 Mode 141
LTE B43 20M Ch45090 1RB0 QPSK
M



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: LTE Band 43 20M Ch45090 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	7477.20	-49.91 RMS	36.25	-20.79	0.87	-95.23	28.99	-13.00	-36.91	Horizontal
2	11223.27	-45.85 RMS	38.99	-17.92	0.29	-95.23	28.02	-13.00	-32.85	Horizontal
3	14964.36	-42.13 RMS	39.50	-15.96	0.09	-95.23	29.47	-13.00	-29.13	Horizontal



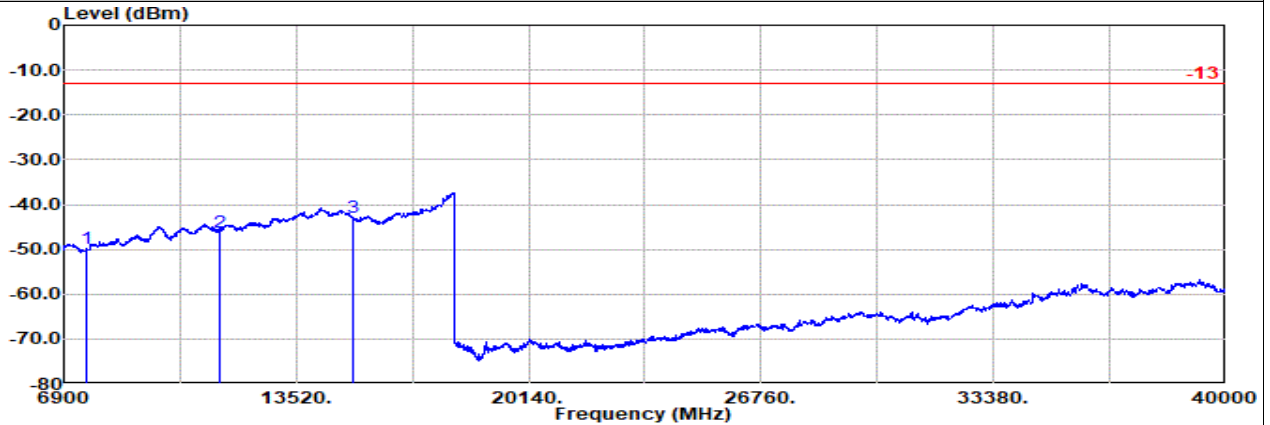
Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Vertical
: LTE Band 43 20M Ch45090 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	7477.20	-50.43 RMS	36.25	-20.79	0.87	-95.23	28.47	-13.00	-37.43	Vertical
2	11223.27	-45.99 RMS	38.99	-17.92	0.29	-95.23	27.88	-13.00	-32.99	Vertical
3	14964.36	-42.03 RMS	39.50	-15.96	0.09	-95.23	29.57	-13.00	-29.03	Vertical



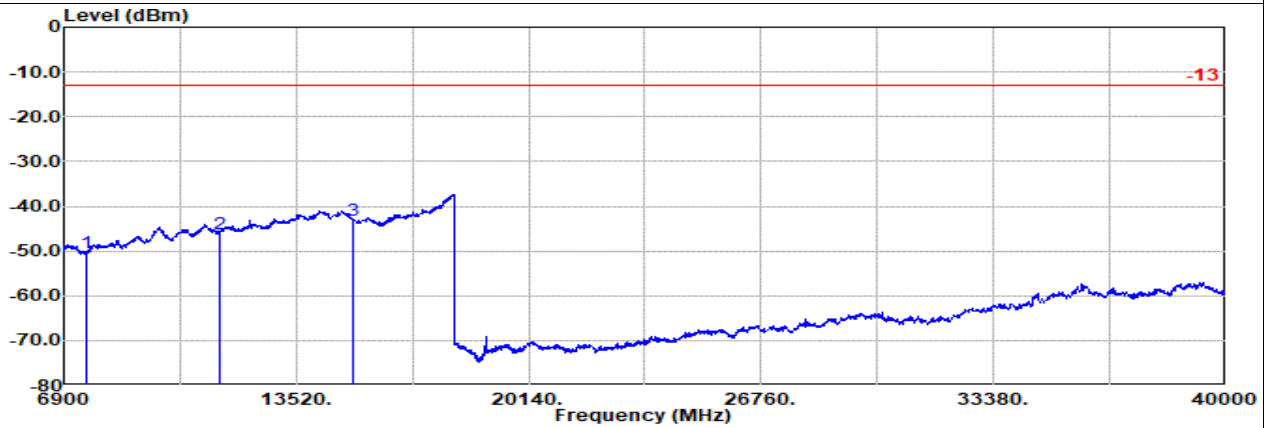
Ant.2

Part 270 Mode 141
LTE B43 20M Ch45490 1RB0 QPSK
H



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: LTE Band 43 20M Ch45490 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	7562.18	-49.83 RMS	36.02	-20.64	0.80	-95.23	29.22	-13.00	-36.83	Horizontal
2	11343.27	-46.17 RMS	39.10	-17.88	0.30	-95.23	27.54	-13.00	-33.17	Horizontal
3	15124.36	-42.97 RMS	39.00	-15.91	0.12	-95.23	29.05	-13.00	-29.97	Horizontal



Site : 03CH11-HY
Condition: -13 1m SHF_00993_231124 Vertical
: LTE Band 43 20M Ch45490 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						dB
1	7562.18	-50.34 RMS	36.02	-20.64	0.80	-95.23	28.71	-13.00	-37.34	Vertical
2	11343.27	-46.11 RMS	39.10	-17.88	0.30	-95.23	27.60	-13.00	-33.11	Vertical
3	15124.36	-43.10 RMS	39.00	-15.91	0.12	-95.23	28.92	-13.00	-30.10	Vertical

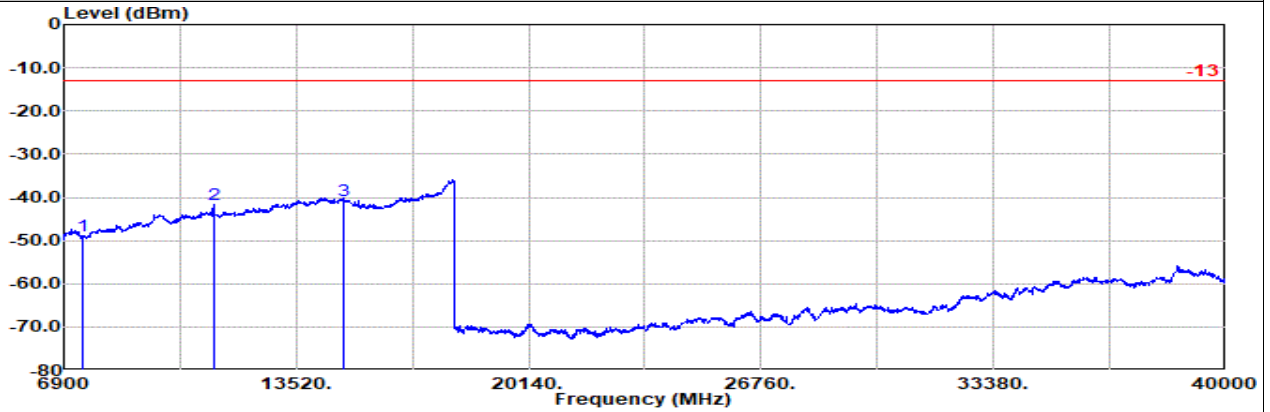


Ant.2

Part 270 Mode 145

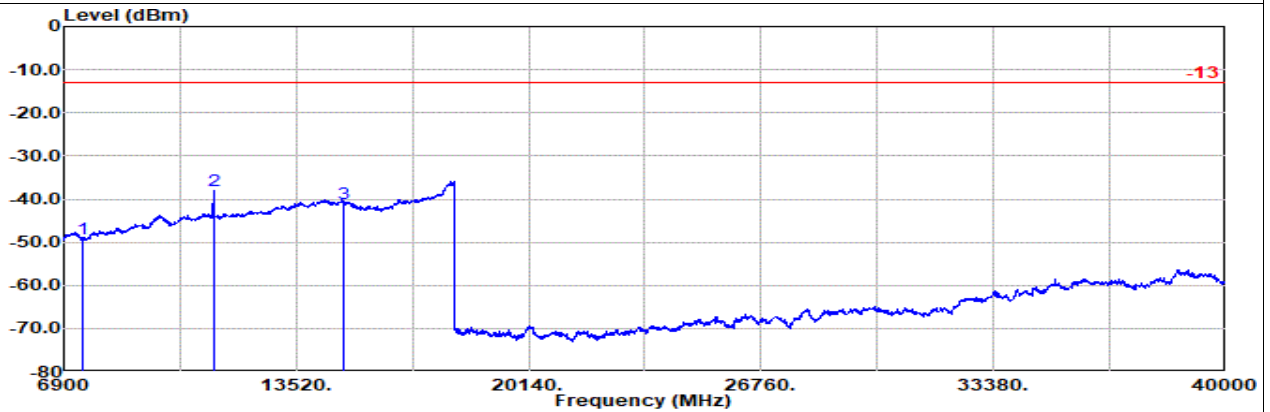
LTE CA B43C 20M + 20M Ch44690 1RB99 QPSK + Ch44888 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 43C 20M Ch44690 1RB99 QPSK
 : LTE Band 43C 20M Ch45888 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 7443.90	-48.99	RMS	36.31	-20.85	0.90	-95.23	29.88	-13.00	-35.99	Horizontal
2 11162.40	-41.74	RMS	38.90	-17.93	0.29	-95.23	32.23	-13.00	-28.74	Horizontal
3 14880.90	-40.80	RMS	39.71	-16.04	0.08	-95.23	30.68	-13.00	-27.80	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 43C 20M Ch44690 1RB99 QPSK
 : LTE Band 43C 20M Ch45888 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 7443.90	-49.17	RMS	36.31	-20.85	0.90	-95.23	29.70	-13.00	-36.17	Vertical
2 11162.40	-37.95	RMS	38.90	-17.93	0.29	-95.23	36.02	-13.00	-24.95	Vertical
3 14880.90	-40.97	RMS	39.71	-16.04	0.08	-95.23	30.51	-13.00	-27.97	Vertical

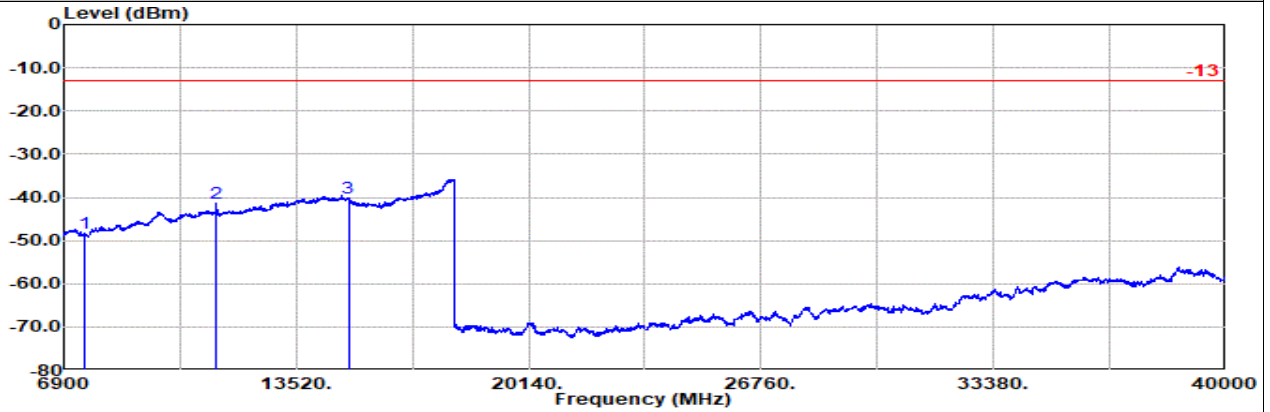


Ant.2

Part 270 Mode 145

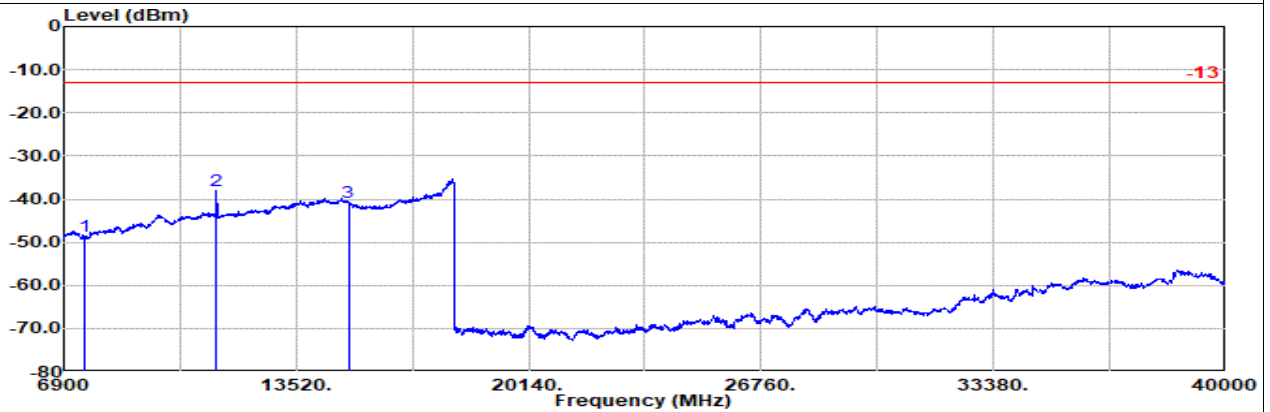
LTE CA B43C 20M + 20M Ch44991 1RB99 QPSK + Ch45189 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 43C 20M Ch44991 1RB99 QPSK
 : LTE Band 43C 20M Ch45189 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 7499.40	-48.38	RMS	36.20	-20.75	0.86	-95.23	30.54	-13.00	-35.38	Horizontal
2 11251.20	-41.33	RMS	39.10	-17.91	0.30	-95.23	32.41	-13.00	-28.33	Horizontal
3 15003.00	-40.28	RMS	39.49	-15.93	0.10	-95.23	31.29	-13.00	-27.28	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 43C 20M Ch44991 1RB99 QPSK
 : LTE Band 43C 20M Ch45189 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 7499.40	-48.67	RMS	36.20	-20.75	0.86	-95.23	30.25	-13.00	-35.67	Vertical
2 11251.20	-37.89	RMS	39.10	-17.91	0.30	-95.23	35.85	-13.00	-24.89	Vertical
3 15003.00	-40.69	RMS	39.49	-15.93	0.10	-95.23	30.88	-13.00	-27.69	Vertical

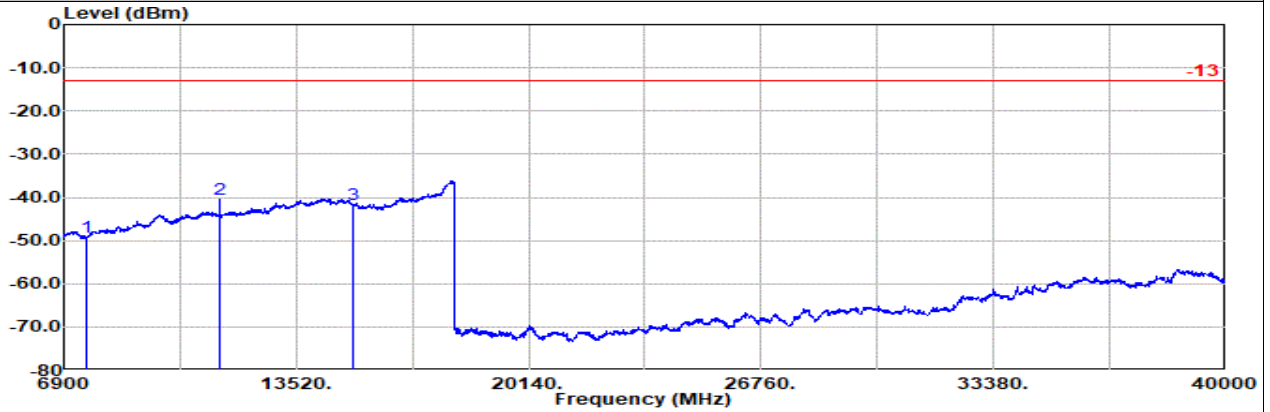


Ant.2

Part 270 Mode 145

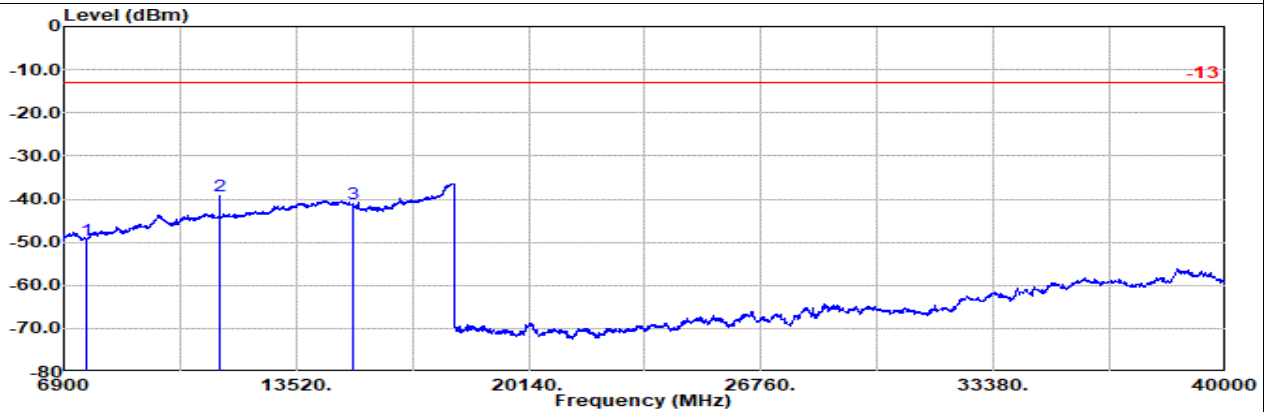
LTE CA B43C 20M + 20M Ch45291 1RB99 QPSK + Ch45489 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE Band 43C 20M Ch45292 1RB99 QPSK
 : LTE Band 43C 20M Ch45490 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 7554.90	-49.32	RMS	36.01	-20.65	0.81	-95.23	29.74	-13.00	-36.32	Horizontal
2 11340.00	-40.43	RMS	39.10	-17.88	0.30	-95.23	33.28	-13.00	-27.43	Horizontal
3 15125.10	-41.55	RMS	39.00	-15.91	0.12	-95.23	30.47	-13.00	-28.55	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE Band 43C 20M Ch45292 1RB99 QPSK
 : LTE Band 43C 20M Ch45490 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 7554.90	-49.55	RMS	36.01	-20.65	0.81	-95.23	29.51	-13.00	-36.55	Vertical
2 11340.00	-39.28	RMS	39.10	-17.88	0.30	-95.23	34.43	-13.00	-26.28	Vertical
3 15125.10	-40.98	RMS	39.00	-15.91	0.12	-95.23	31.04	-13.00	-27.98	Vertical

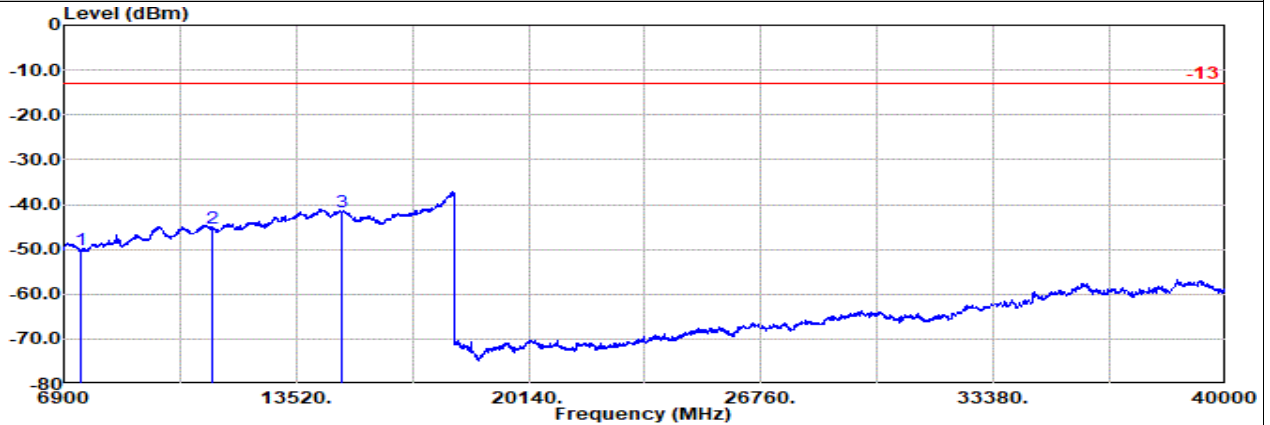


Ant.0

Part 270 Mode 142

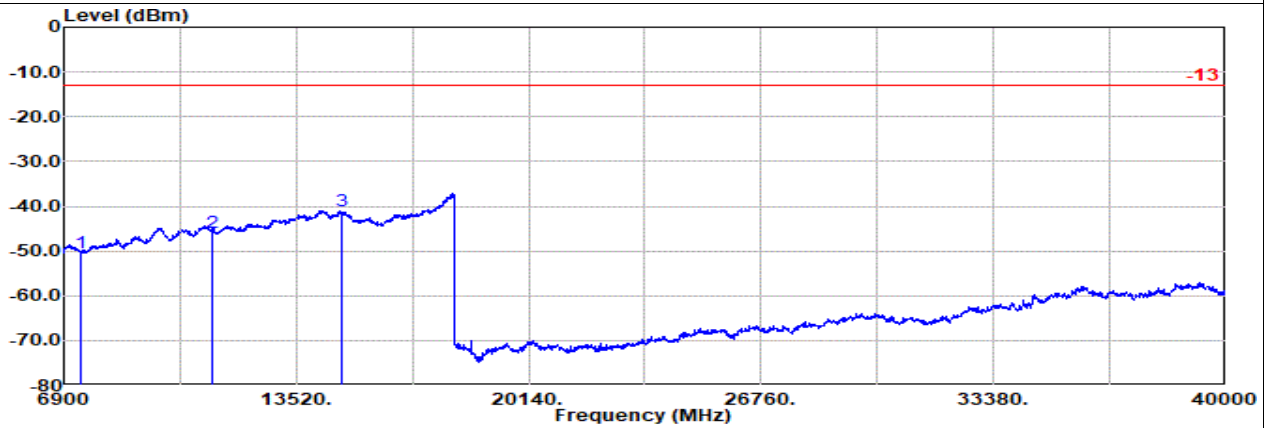
LTE B43 20M Ch44690 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 43 20M Ch44690 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
1	7402.18	-50.21 RMS	36.40	-20.92	0.94	-95.23	28.60	-13.00	-37.21 Horizontal
2	11103.27	-45.41 RMS	38.71	-17.95	0.29	-95.23	28.77	-13.00	-32.41 Horizontal
3	14804.36	-41.63 RMS	40.08	-16.12	0.06	-95.23	29.58	-13.00	-28.63 Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 43 20M Ch44690 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
1	7402.18	-50.34 RMS	36.40	-20.92	0.94	-95.23	28.47	-13.00	-37.34 Vertical
2	11103.27	-45.74 RMS	38.71	-17.95	0.29	-95.23	28.44	-13.00	-32.74 Vertical
3	14804.36	-41.13 RMS	40.08	-16.12	0.06	-95.23	30.08	-13.00	-28.13 Vertical

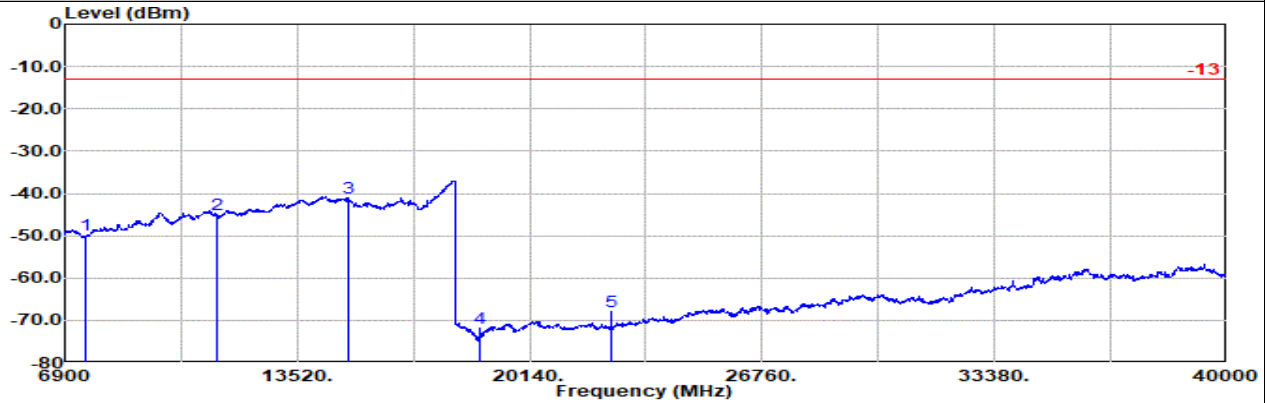


Ant.0

Part 270 Mode 142

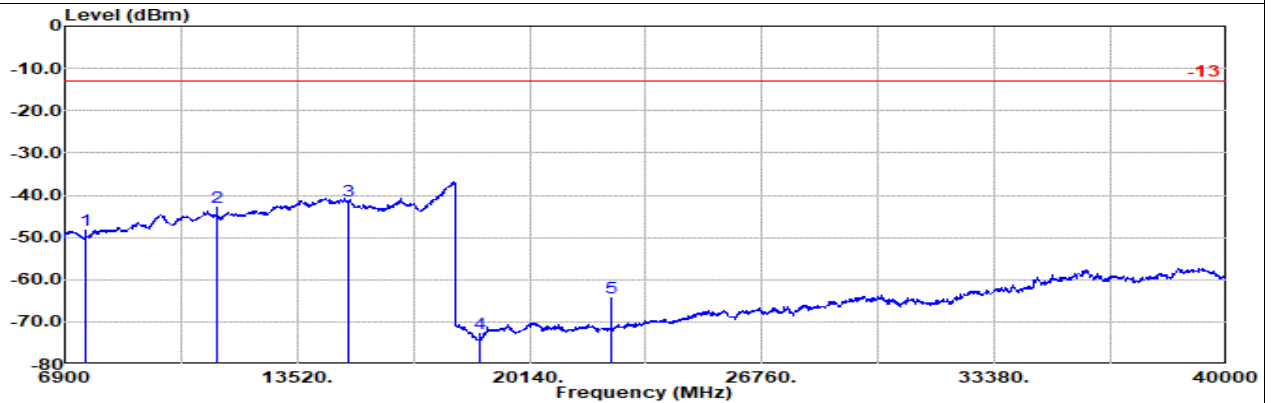
LTE B43 20M Ch45090 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Horizontal
 : LTE Band 43 20M Ch45090 1RB0 QPSK

1	2	3	4	5	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					Factor	1						
7482.18	11223.27	14964.36	18712.00	22448.00	36.24	-20.78	0.87	-95.23	0.00	-13.00	-36.74	Horizontal
-49.74	-44.99	-41.18	-71.75	-67.86	38.99	-17.92	0.29	-95.23	28.88	-13.00	-31.99	Horizontal
RMS	RMS	RMS	RMS	RMS	39.50	-15.96	0.09	-95.23	30.42	-13.00	-28.18	Horizontal
					37.80	-40.26	-9.54	-95.23	35.48	-13.00	-58.75	Horizontal
					38.21	-34.29	-9.54	-95.23	32.99	-13.00	-54.86	Horizontal



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Vertical
 : LTE Band 43 20M Ch45090 1RB0 QPSK

1	2	3	4	5	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					Factor	1						
7482.18	11223.27	14964.36	18712.00	22448.00	36.24	-20.78	0.87	-95.23	30.48	-13.00	-35.42	Vertical
-48.42	-42.80	-41.46	-72.76	-64.16	38.99	-17.92	0.29	-95.23	31.07	-13.00	-29.80	Vertical
RMS	RMS	RMS	RMS	RMS	39.50	-15.96	0.09	-95.23	30.14	-13.00	-28.46	Vertical
					37.80	-40.26	-9.54	-95.23	34.47	-13.00	-59.76	Vertical
					38.21	-34.29	-9.54	-95.23	36.69	-13.00	-51.16	Vertical

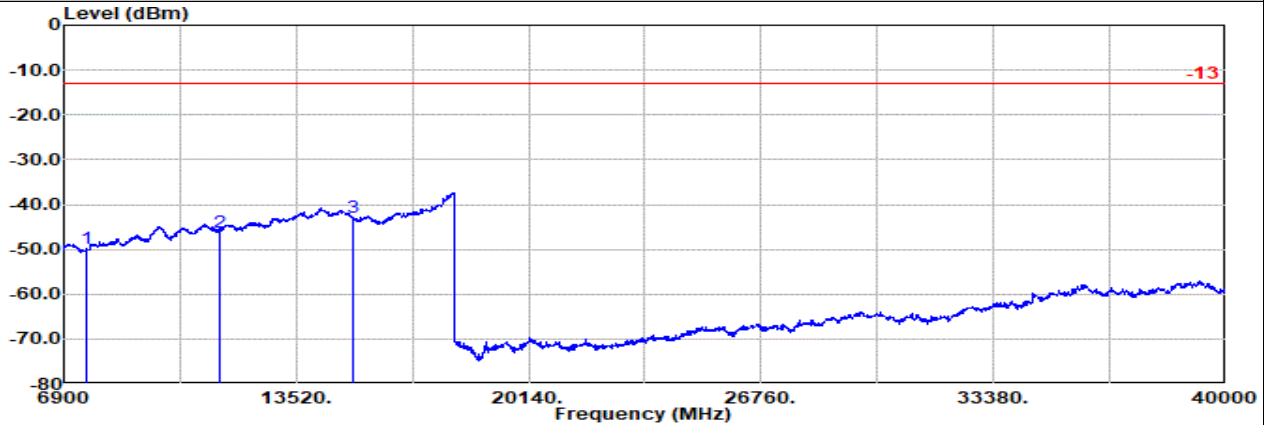


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Part 270 Mode 142

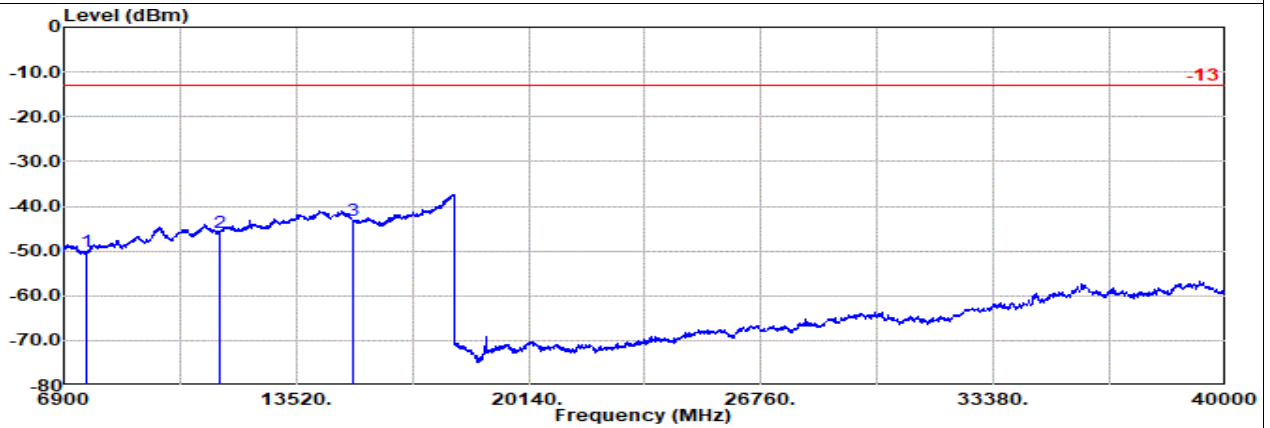
LTE B43 20M Ch45490 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Horizontal
 : LTE Band 43 20M Ch45490 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
				Factor	1						dB
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7562.18	-49.70	RMS	36.02	-20.64	0.80	-95.23	29.35	-13.00	-36.70	Horizontal
2	11343.27	-46.28	RMS	39.10	-17.88	0.30	-95.23	27.43	-13.00	-33.28	Horizontal
3	15124.36	-42.78	RMS	39.00	-15.91	0.12	-95.23	29.24	-13.00	-29.78	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_00993_231124 Vertical
 : LTE Band 43 20M Ch45490 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
				Factor	1						dB
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7562.18	-50.23	RMS	36.02	-20.64	0.80	-95.23	28.82	-13.00	-37.23	Vertical
2	11343.27	-45.99	RMS	39.10	-17.88	0.30	-95.23	27.72	-13.00	-32.99	Vertical
3	15124.36	-43.21	RMS	39.00	-15.91	0.12	-95.23	28.81	-13.00	-30.21	Vertical

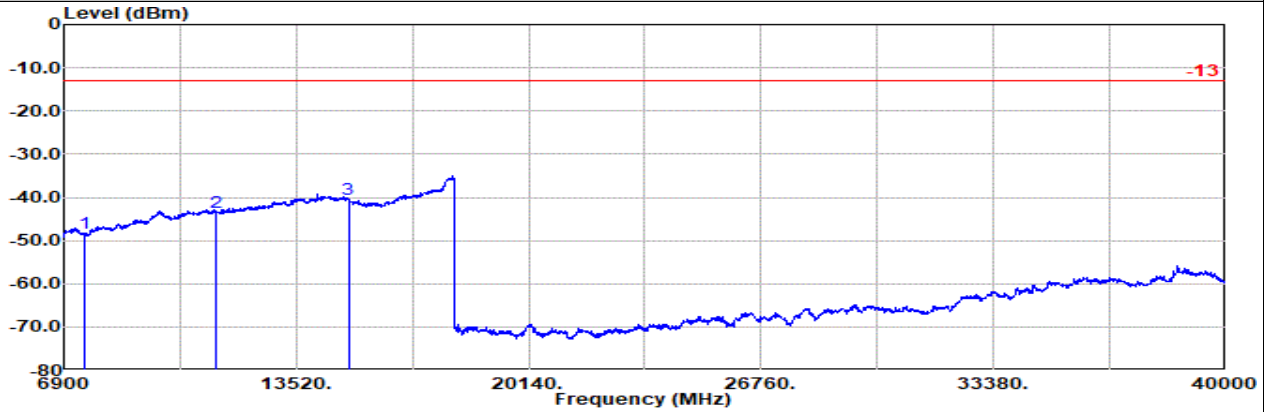


Ant.0

Part 270 Mode 146

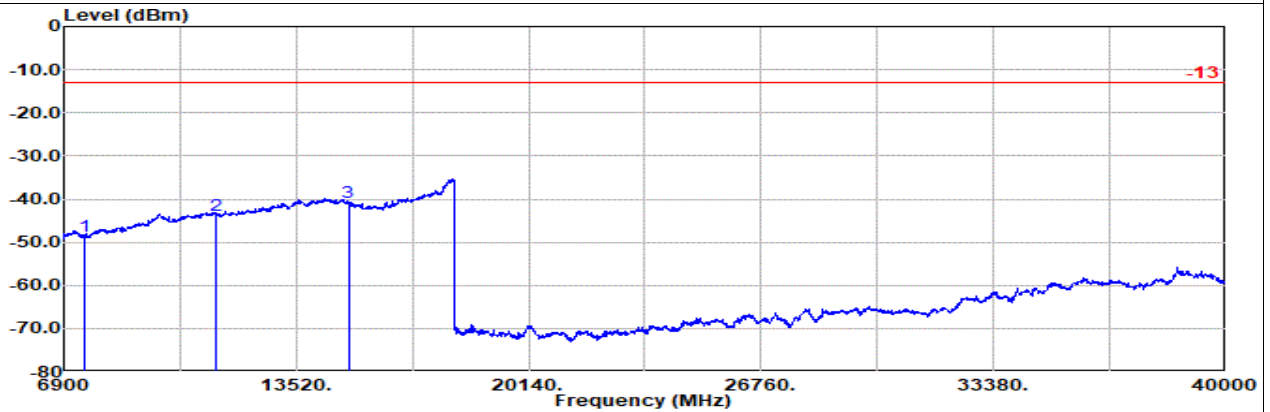
LTE CA B43C Ch44690 1RB99 QPSK + Ch44888 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE CA 43C 20M Ch44991 1RB99 QPSK
 : LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-48.34	RMS	36.20	-20.75	0.86	-95.23	30.58	-13.00	-35.34	Horizontal
2 11251.20	-43.56	RMS	39.10	-17.91	0.30	-95.23	30.18	-13.00	-30.56	Horizontal
3 15003.00	-40.48	RMS	39.49	-15.93	0.10	-95.23	31.09	-13.00	-27.48	Horizontal



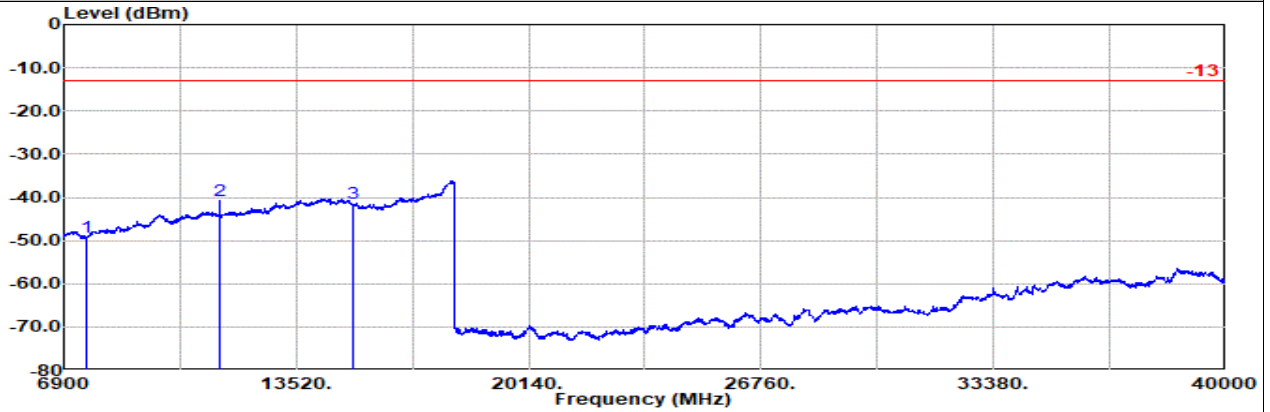
Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE CA 43C 20M Ch44991 1RB99 QPSK
 : LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-48.72	RMS	36.20	-20.75	0.86	-95.23	30.20	-13.00	-35.72	Vertical
2 11251.20	-43.70	RMS	39.10	-17.91	0.30	-95.23	30.04	-13.00	-30.70	Vertical
3 15003.00	-40.73	RMS	39.49	-15.93	0.10	-95.23	30.84	-13.00	-27.73	Vertical



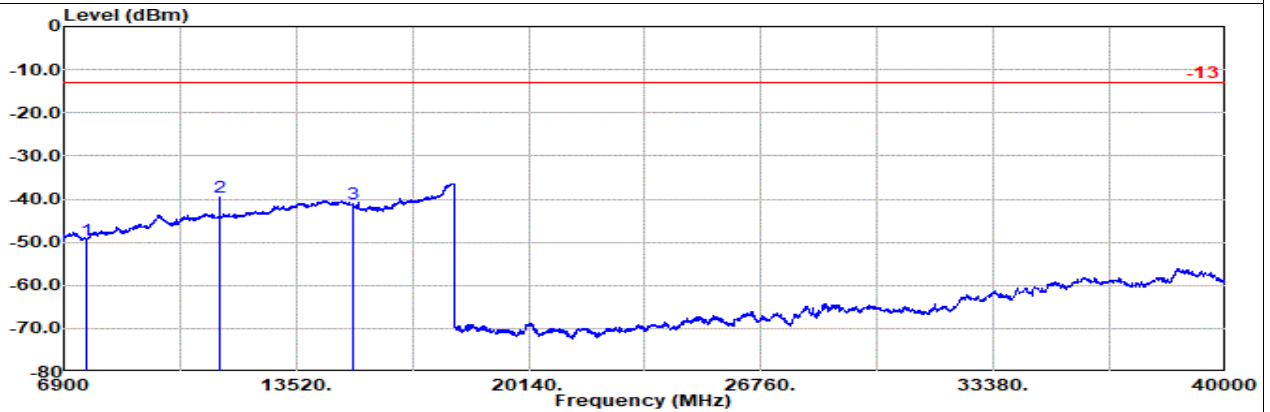
Ant.0

Part 270 Mode 146
LTE CA B43C Ch44991 + Ch45189
M



Site : 03CH11-HY
Condition: -13 1m SHF_1223_240624 Horizontal
: LTE Band 43C 20M Ch45292 1RB99 QPSK
: LTE Band 43C 20M Ch45490 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit		Margin	Pol
			Factor	1				dBm	dB		
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB		
1 7554.90	-49.19	RMS	36.01	-20.65	0.81	-95.23	29.87	-13.00	-36.19	Horizontal	
2 11340.00	-40.62	RMS	39.10	-17.88	0.30	-95.23	33.09	-13.00	-27.62	Horizontal	
3 15125.10	-41.40	RMS	39.00	-15.91	0.12	-95.23	30.62	-13.00	-28.40	Horizontal	



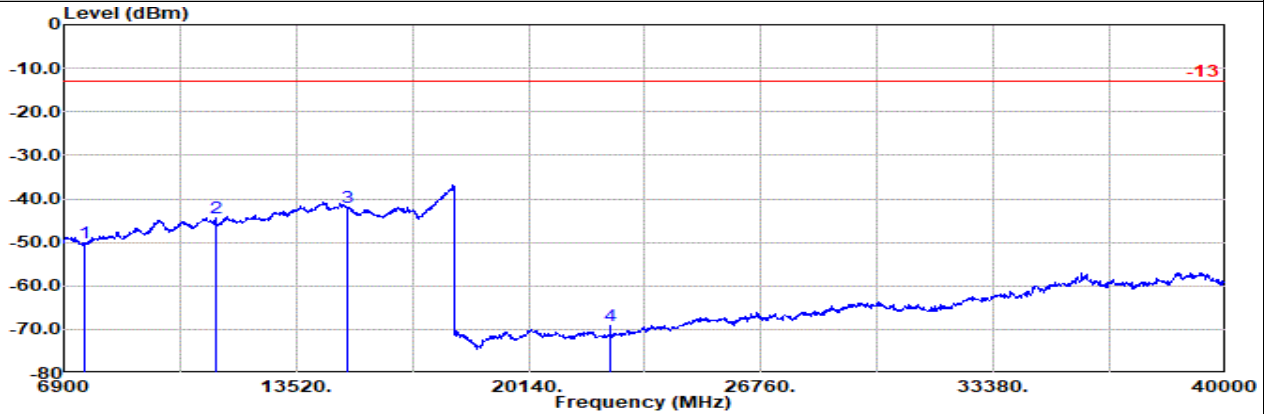
Site : 03CH11-HY
Condition: -13 1m SHF_1223_240624 Vertical
: LTE Band 43C 20M Ch45292 1RB99 QPSK
: LTE Band 43C 20M Ch45490 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit		Margin	Pol
			Factor	1				dBm	dB		
MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB		
1 7554.90	-49.44	RMS	36.01	-20.65	0.81	-95.23	29.62	-13.00	-36.44	Vertical	
2 11340.00	-39.40	RMS	39.10	-17.88	0.30	-95.23	34.31	-13.00	-26.40	Vertical	
3 15125.10	-41.17	RMS	39.00	-15.91	0.12	-95.23	30.85	-13.00	-28.17	Vertical	



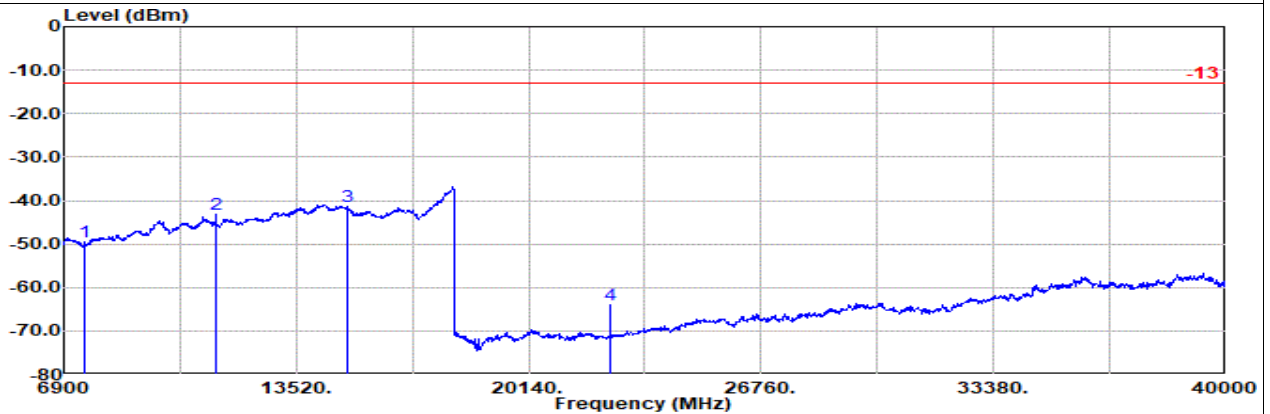
Ant.1

Part 270 Mode 143
LTE B43 20M Ch45090 1RB0 QPSK
M



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 43 20M Ch45090 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 7482.18	-50.02	RMS	36.24	-20.78	0.87	-95.23	28.88	-13.00	-37.02	Horizontal
2 11223.27	-44.24	RMS	38.99	-17.92	0.29	-95.23	29.63	-13.00	-31.24	Horizontal
3 14964.36	-42.00	RMS	39.50	-15.96	0.09	-95.23	29.60	-13.00	-29.00	Horizontal
4 22448.00	-69.12	RMS	38.21	-34.29	-9.54	-95.23	31.73	-13.00	-56.12	Horizontal



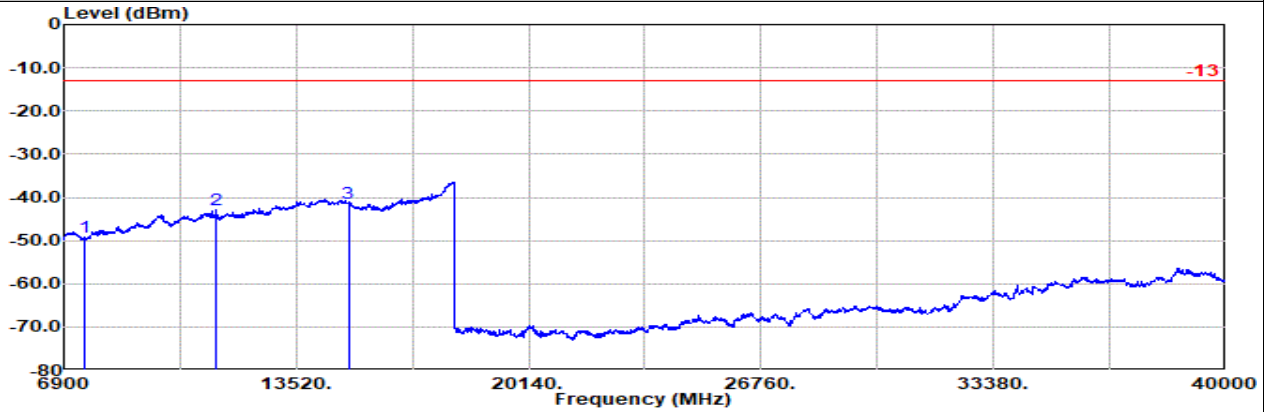
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 43 20M Ch45090 1RB0 QPSK

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 7482.18	-49.65	RMS	36.24	-20.78	0.87	-95.23	29.25	-13.00	-36.65	Vertical
2 11223.27	-43.09	RMS	38.99	-17.92	0.29	-95.23	30.78	-13.00	-30.09	Vertical
3 14964.36	-41.43	RMS	39.50	-15.96	0.09	-95.23	30.17	-13.00	-28.43	Vertical
4 22448.00	-64.08	RMS	38.21	-34.29	-9.54	-95.23	36.77	-13.00	-51.08	Vertical



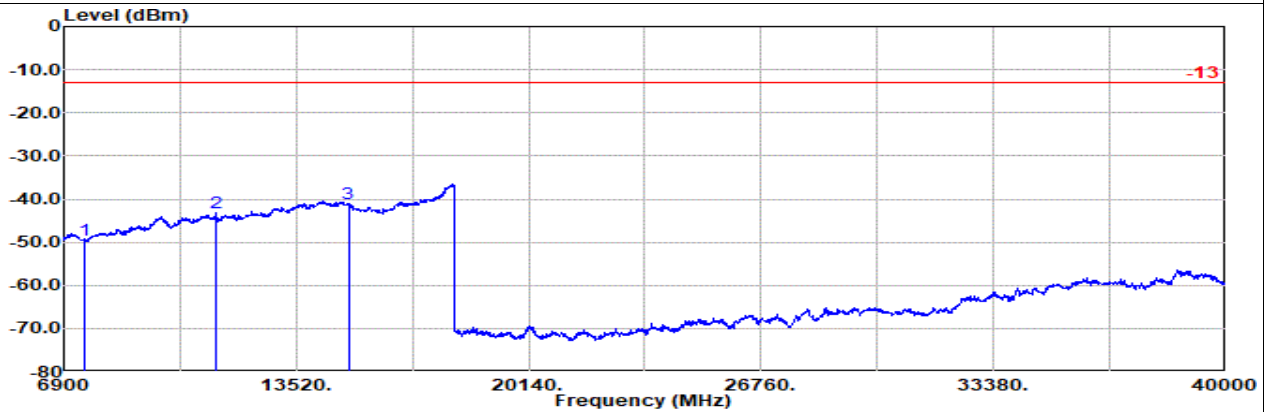
Ant.1

Part 270 Mode 147
LTE CA B43C Ch44991 + Ch45189
M



Site : 03CH11-HY
Condition: -13 1m SHF_1223_230710 Horizontal
: LTE CA 43C 20M Ch44991 1RB99 QPSK
: LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-49.32	RMS	36.20	-20.75	0.86	-95.23	29.60	-13.00	-36.32	Horizontal
2 11251.20	-42.91	RMS	39.10	-17.91	0.30	-95.23	30.83	-13.00	-29.91	Horizontal
3 15003.00	-41.28	RMS	39.49	-15.93	0.10	-95.23	30.29	-13.00	-28.28	Horizontal



Site : 03CH11-HY
Condition: -13 1m SHF_1223_230710 Vertical
: LTE CA 43C 20M Ch44991 1RB99 QPSK
: LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-49.60	RMS	36.20	-20.75	0.86	-95.23	29.32	-13.00	-36.60	Vertical
2 11251.20	-43.19	RMS	39.10	-17.91	0.30	-95.23	30.55	-13.00	-30.19	Vertical
3 15003.00	-41.15	RMS	39.49	-15.93	0.10	-95.23	30.42	-13.00	-28.15	Vertical

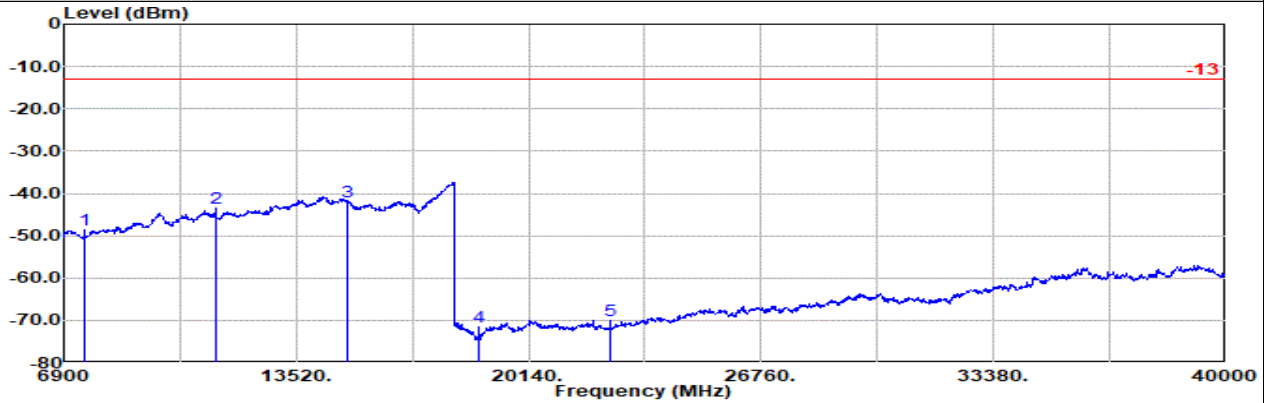


Ant.3

Part 270 Mode 144

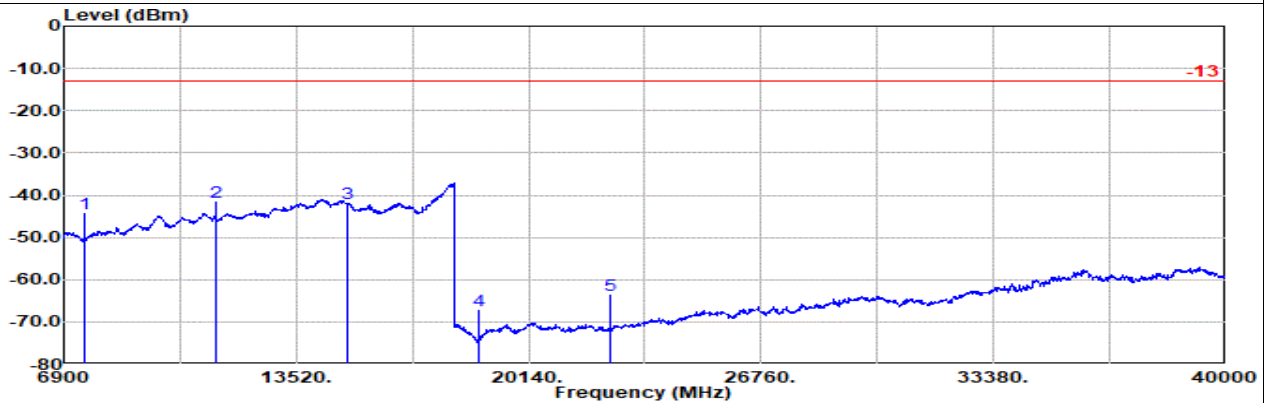
LTE B43 20M Ch45090 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Horizontal
 : LTE Band 43 20M Ch45090 1RB0 QPSK

1	2	3	4	5	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					Factor	1						
7482.18	11223.27	14964.36	18712.00	22448.00	36.24	-20.78	0.87	-95.23	30.23	-13.00	-35.67	Horizontal
-48.67	-43.44	-42.11	-71.53	-70.13	38.99	-17.92	0.29	-95.23	30.43	-13.00	-30.44	Horizontal
RMS	RMS	RMS	RMS	RMS	39.50	-15.96	0.09	-95.23	29.49	-13.00	-29.11	Horizontal
					37.80	-40.26	-9.54	-95.23	35.70	-13.00	-58.53	Horizontal
					38.21	-34.29	-9.54	-95.23	30.72	-13.00	-57.13	Horizontal



Site : 03CH11-HY
 Condition: -13 3m 9120D_01620_230817 Vertical
 : LTE Band 43 20M Ch45090 1RB0 QPSK

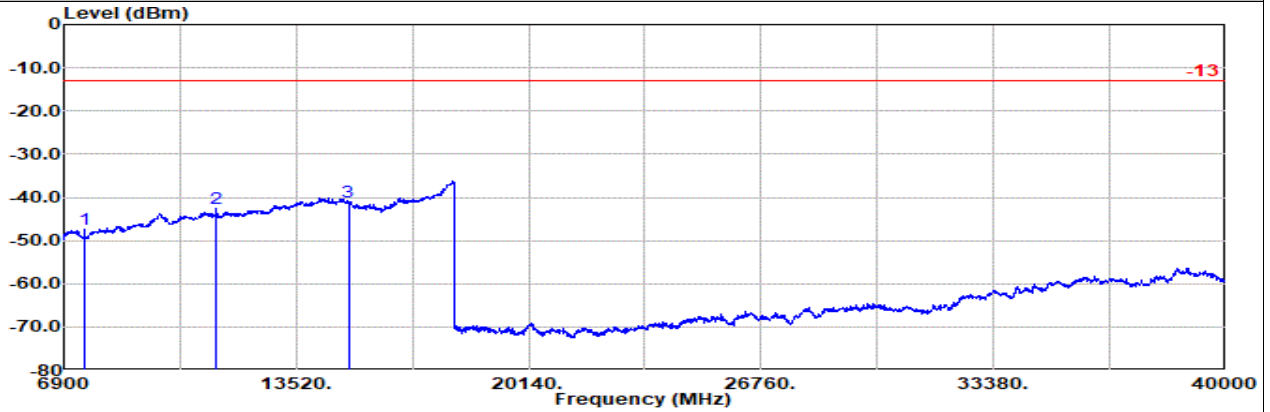
1	2	3	4	5	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
					Factor	1						
7482.18	11223.27	14964.36	18712.00	22448.00	36.24	-20.78	0.87	-95.23	34.66	-13.00	-31.24	Vertical
-44.24	-41.58	-41.91	-67.31	-63.70	38.99	-17.92	0.29	-95.23	32.29	-13.00	-28.58	Vertical
RMS	RMS	RMS	RMS	RMS	39.50	-15.96	0.09	-95.23	29.69	-13.00	-28.91	Vertical
					37.80	-40.26	-9.54	-95.23	39.92	-13.00	-54.31	Vertical
					38.21	-34.29	-9.54	-95.23	37.15	-13.00	-50.70	Vertical



Ant.3

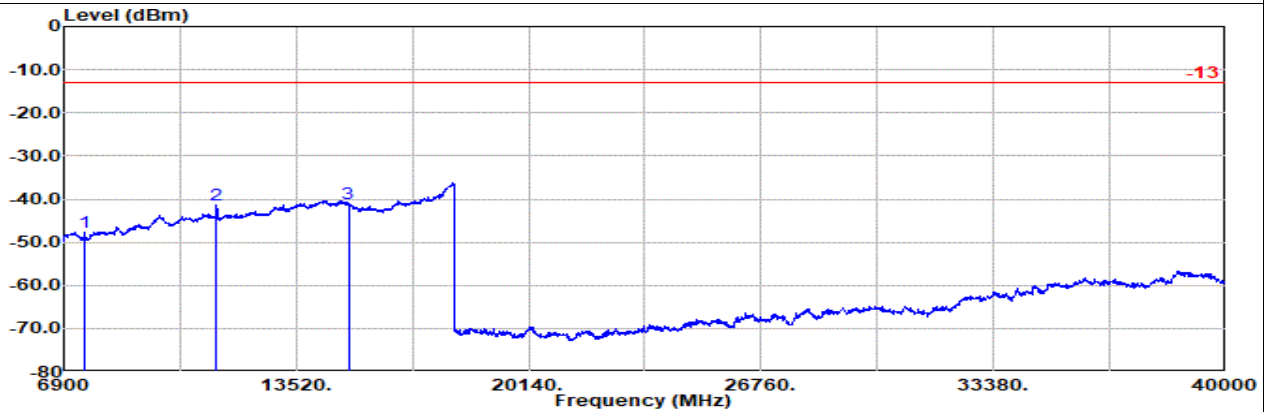
Part 270 Mode 148
LTE CA B43C Ch44991 + Ch45189

M



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Horizontal
 : LTE CA 43C 20M Ch44991 1RB99 QPSK
 : LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-47.31	RMS	36.20	-20.75	0.86	-95.23	31.61	-13.00	-34.31	Horizontal
2 11251.20	-42.56	RMS	39.10	-17.91	0.30	-95.23	31.18	-13.00	-29.56	Horizontal
3 15003.00	-41.15	RMS	39.49	-15.93	0.10	-95.23	30.42	-13.00	-28.15	Horizontal



Site : 03CH11-HY
 Condition: -13 1m SHF_1223_230710 Vertical
 : LTE CA 43C 20M Ch44991 1RB99 QPSK
 : LTE CA 43C 20M Ch45189 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol	
			Factor	1						g
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 7499.40	-47.73	RMS	36.20	-20.75	0.86	-95.23	31.19	-13.00	-34.73	Vertical
2 11251.20	-41.49	RMS	39.10	-17.91	0.30	-95.23	32.25	-13.00	-28.49	Vertical
3 15003.00	-41.13	RMS	39.49	-15.93	0.10	-95.23	30.44	-13.00	-28.13	Vertical

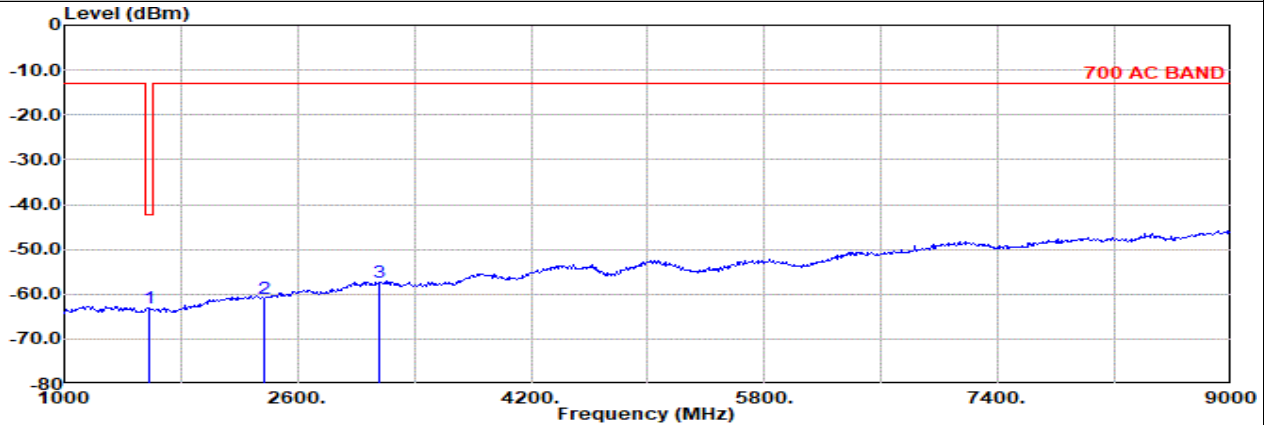


Ant.0

Part 90R Mode 55

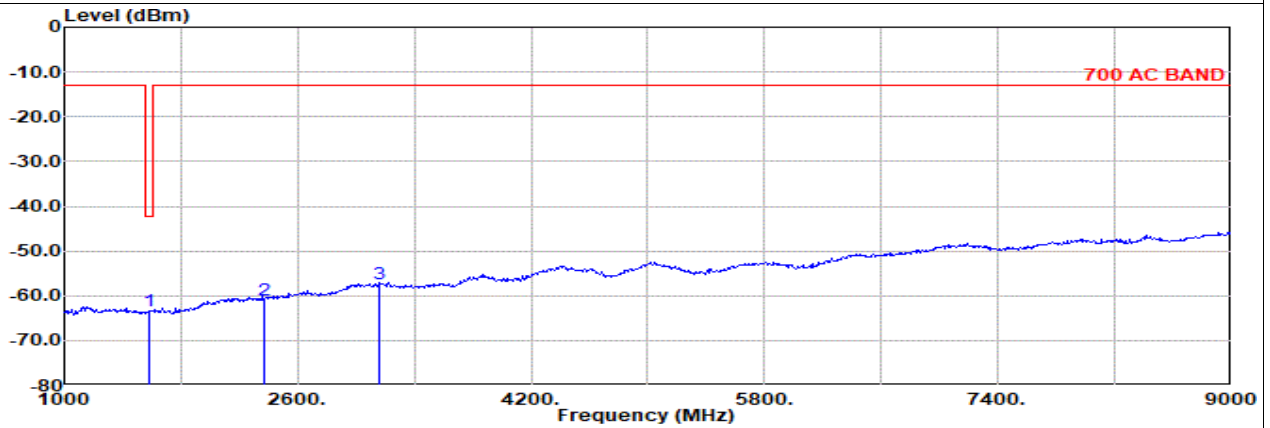
LTE B14 5M Ch23305 1RB0 QPSK

L



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 14 5M Ch23305 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 1576.00	-63.21	RMS	25.36	-28.65	0.43	-95.23	34.88	-42.15	-21.06	Horizontal
2 2365.00	-60.87	RMS	27.30	-26.59	0.23	-95.23	33.42	-13.00	-47.87	Horizontal
3 3153.00	-57.47	RMS	29.90	-25.35	0.27	-95.23	32.94	-13.00	-44.47	Horizontal



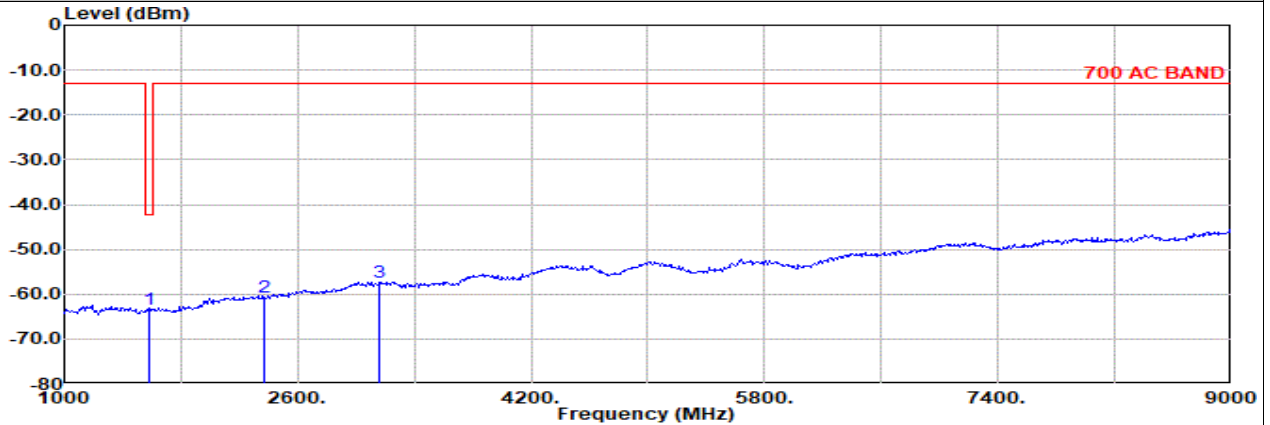
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 14 5M Ch23305 1RB0 QPSK

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 1576.00	-63.31	RMS	25.36	-28.65	0.43	-95.23	34.78	-42.15	-21.16	Vertical
2 2365.00	-60.98	RMS	27.30	-26.59	0.23	-95.23	33.31	-13.00	-47.98	Vertical
3 3153.00	-57.47	RMS	29.90	-25.35	0.27	-95.23	32.94	-13.00	-44.47	Vertical



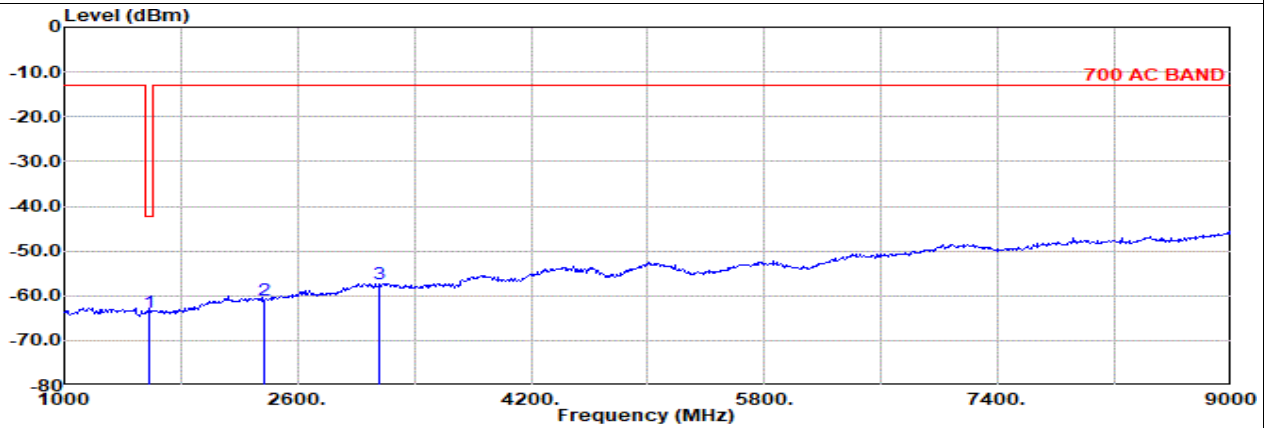
Ant.0

Part 90R Mode 55
LTE B14 5M Ch23330 1RB0 QPSK
M



Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
: LTE Band 14 5M Ch23330 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1584.00	-63.45	RMS	25.40	-28.62	0.42	-95.23	34.58	-42.15	-21.30	Horizontal
2	2374.00	-60.55	RMS	27.34	-26.58	0.23	-95.23	33.69	-13.00	-47.55	Horizontal
3	3163.00	-57.34	RMS	29.90	-25.33	0.27	-95.23	33.05	-13.00	-44.34	Horizontal



Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
: LTE Band 14 5M Ch23330 1RB0 QPSK

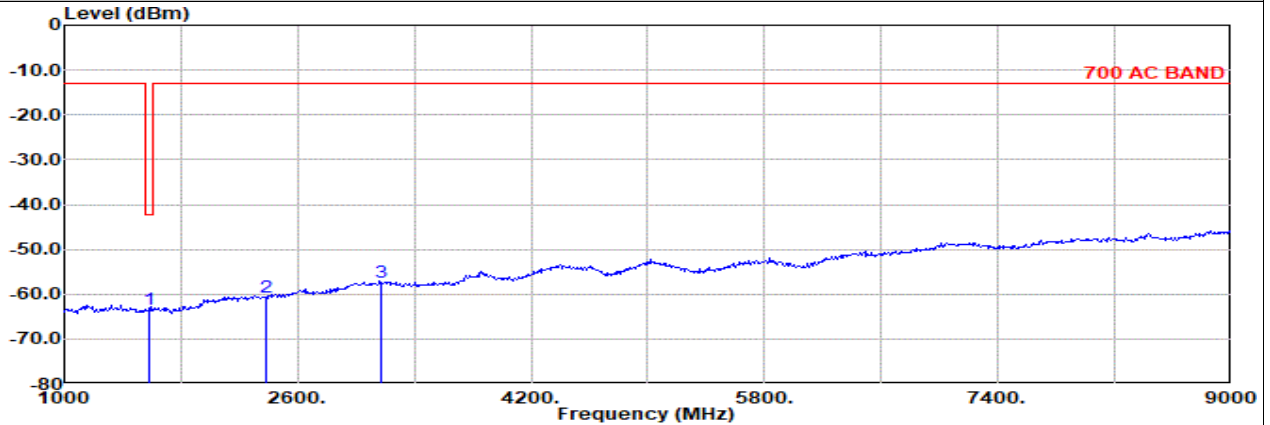
Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				dB	dB		dBm
1	1584.00	-63.72	RMS	25.40	-28.62	0.42	-95.23	34.31	-42.15	-21.57	Vertical
2	2374.00	-60.83	RMS	27.34	-26.58	0.23	-95.23	33.41	-13.00	-47.83	Vertical
3	3163.00	-57.36	RMS	29.90	-25.33	0.27	-95.23	33.03	-13.00	-44.36	Vertical



Ant.0

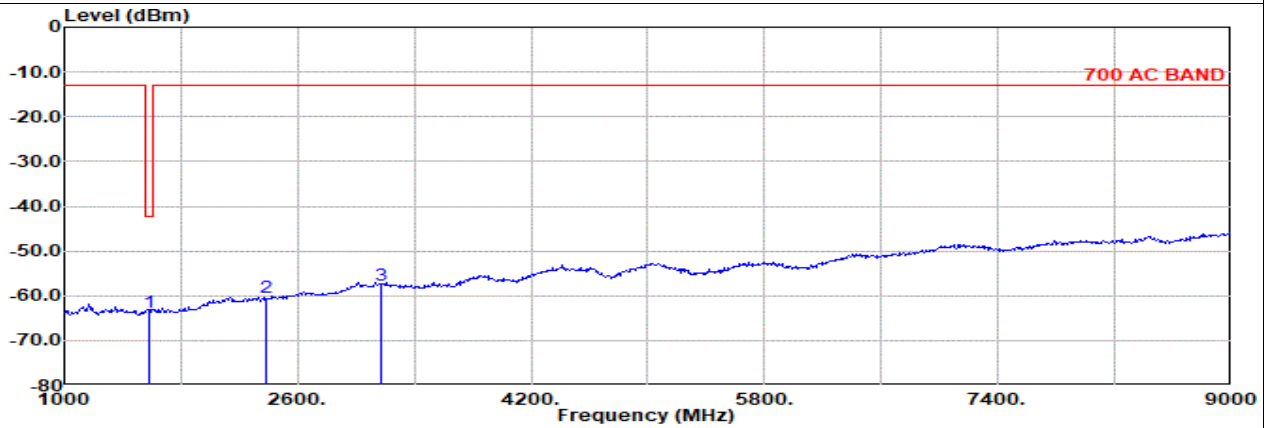
Part 90R Mode 55
LTE B14 5M Ch23335 1RB0 QPSK

H



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 14 5M Ch23335 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 1587.00	-63.26	RMS	25.40	-28.61	0.42	-95.23	34.76	-42.15	-21.11	Horizontal
2 2380.00	-60.72	RMS	27.40	-26.57	0.23	-95.23	33.45	-13.00	-47.72	Horizontal
3 3173.00	-57.48	RMS	29.90	-25.32	0.27	-95.23	32.90	-13.00	-44.48	Horizontal



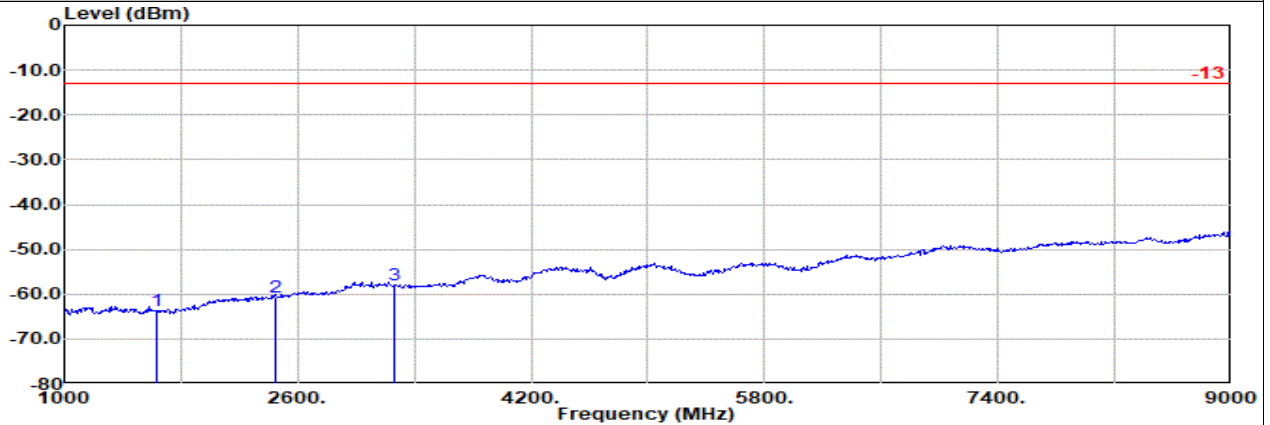
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 14 5M Ch23335 1RB0 QPSK

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 1587.00	-63.59	RMS	25.40	-28.61	0.42	-95.23	34.43	-42.15	-21.44	Vertical
2 2380.00	-60.47	RMS	27.40	-26.57	0.23	-95.23	33.70	-13.00	-47.47	Vertical
3 3173.00	-57.56	RMS	29.90	-25.32	0.27	-95.23	32.82	-13.00	-44.56	Vertical



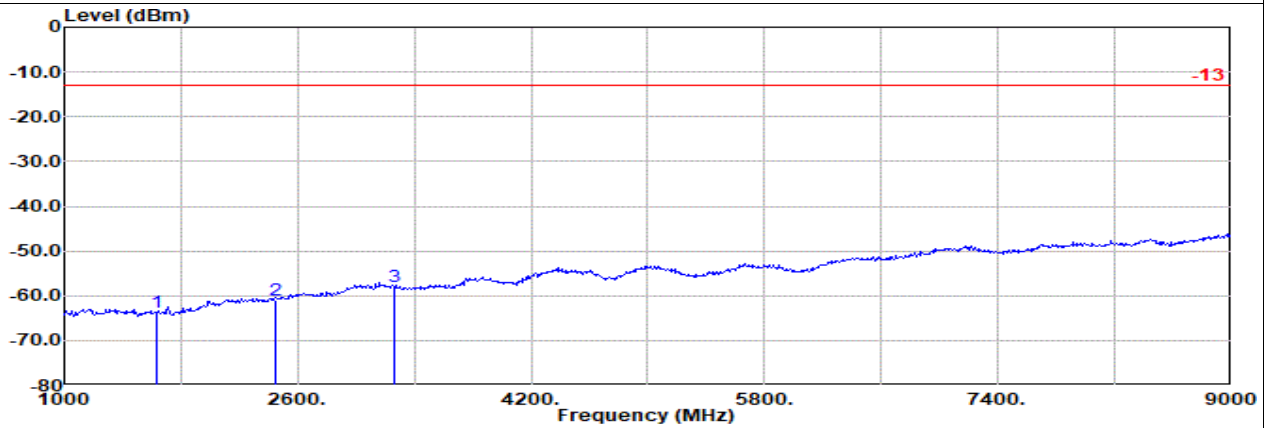
Ant.0

Part 90S Mode 67
LTE B26 5M Ch26715 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 26 5M Ch26715 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 1628.68	-63.76	RMS	25.40	-28.48	0.37 -95.23	34.18	-13.00	-50.76	Horizontal	
2 2443.02	-60.61	RMS	27.57	-26.45	0.22 -95.23	33.28	-13.00	-47.61	Horizontal	
3 3257.36	-57.97	RMS	29.69	-25.17	0.27 -95.23	32.47	-13.00	-44.97	Horizontal	



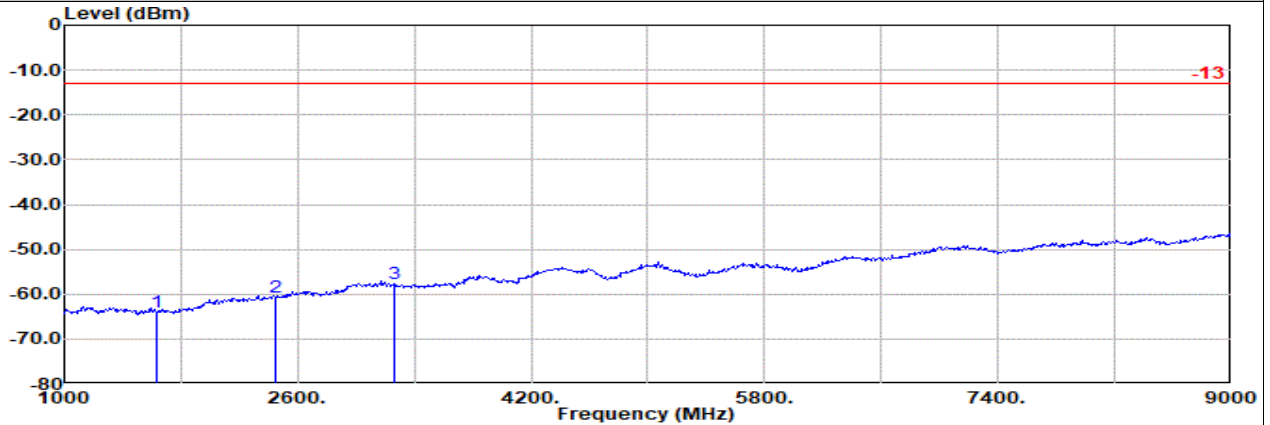
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 26 5M Ch26715 1RB0 QPSK

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 1628.68	-63.82	RMS	25.40	-28.48	0.37 -95.23	34.12	-13.00	-50.82	Vertical	
2 2443.02	-61.01	RMS	27.57	-26.45	0.22 -95.23	32.88	-13.00	-48.01	Vertical	
3 3257.36	-57.88	RMS	29.69	-25.17	0.27 -95.23	32.56	-13.00	-44.88	Vertical	



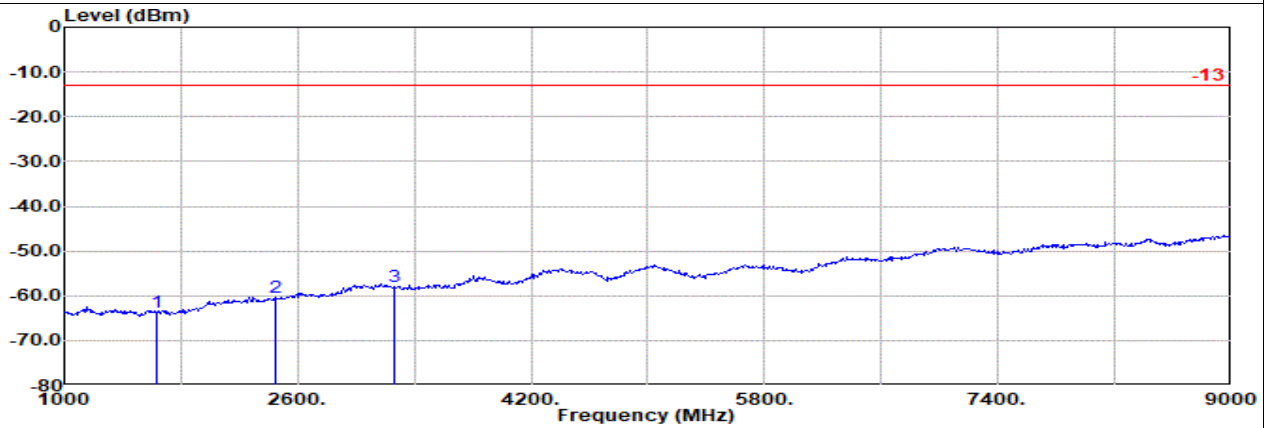
Ant.0

Part 90S Mode 67
LTE B26 5M Ch26740 1RB0 QPSK
M



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 26 5M Ch26740 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1633.68	-63.88	RMS	25.36	-28.47	0.37	-95.23	34.09	-13.00	-50.88	Horizontal
2	2450.52	-60.63	RMS	27.50	-26.44	0.22	-95.23	33.32	-13.00	-47.63	Horizontal
3	3267.36	-57.66	RMS	29.67	-25.16	0.26	-95.23	32.80	-13.00	-44.66	Horizontal



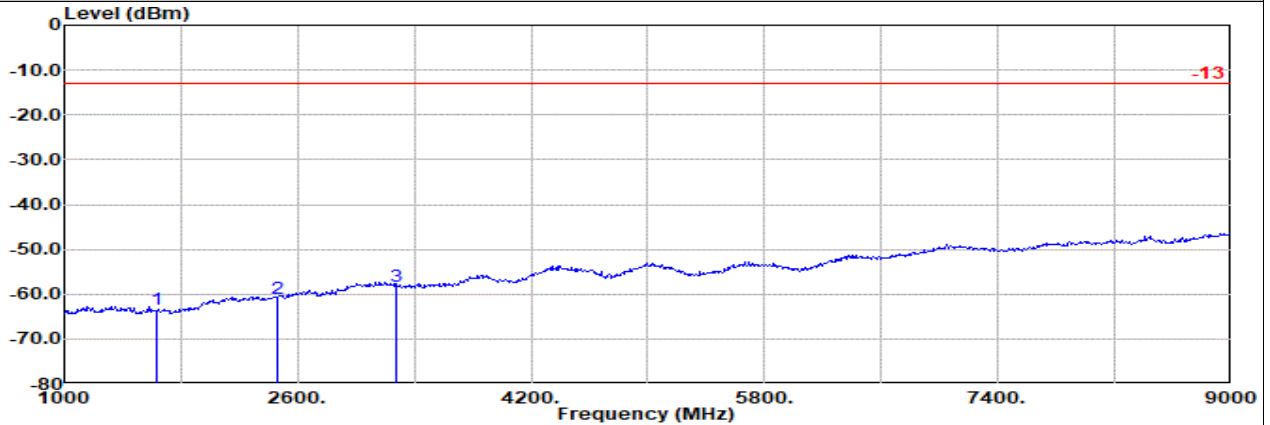
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 26 5M Ch26740 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1633.68	-63.65	RMS	25.36	-28.47	0.37	-95.23	34.32	-13.00	-50.65	Vertical
2	2450.52	-60.47	RMS	27.50	-26.44	0.22	-95.23	33.48	-13.00	-47.47	Vertical
3	3267.36	-57.94	RMS	29.67	-25.16	0.26	-95.23	32.52	-13.00	-44.94	Vertical



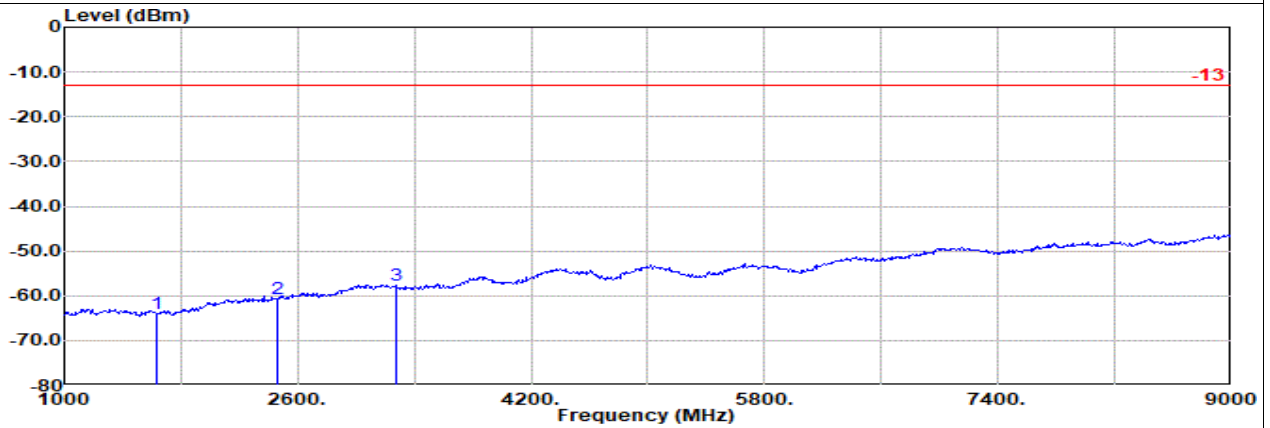
Ant.0

Part 90S Mode 67
LTE B26 5M Ch26765 1RB0 QPSK
H



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 26 5M Ch26765 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1638.68	-63.28	RMS	25.31	-28.45	0.36	-95.23	34.73	-13.00	-50.28	Horizontal
2	2458.02	-60.84	RMS	27.50	-26.42	0.22	-95.23	33.09	-13.00	-47.84	Horizontal
3	3277.36	-58.19	RMS	29.65	-25.14	0.26	-95.23	32.27	-13.00	-45.19	Horizontal



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 26 5M Ch26765 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1638.68	-64.03	RMS	25.31	-28.45	0.36	-95.23	33.98	-13.00	-51.03	Vertical
2	2458.02	-60.55	RMS	27.50	-26.42	0.22	-95.23	33.38	-13.00	-47.55	Vertical
3	3277.36	-57.63	RMS	29.65	-25.14	0.26	-95.23	32.83	-13.00	-44.63	Vertical

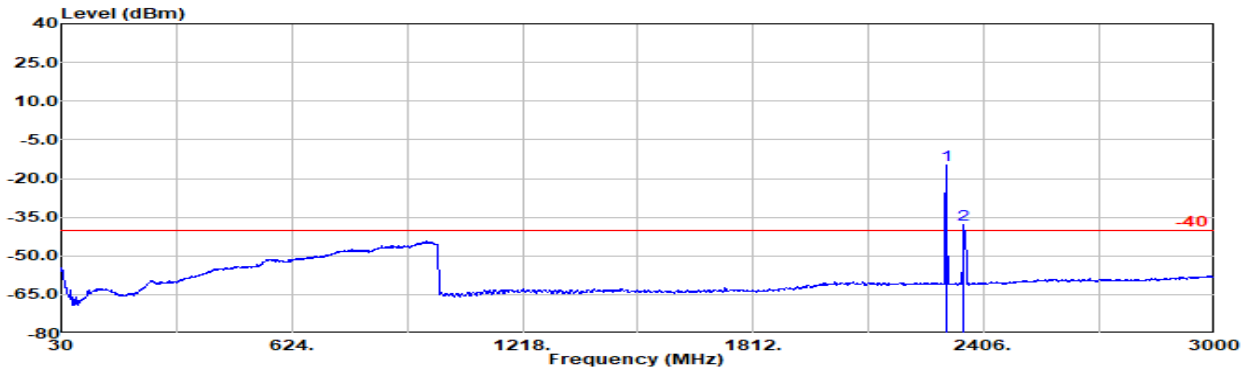


Ant.0

Part 27D Mode 57

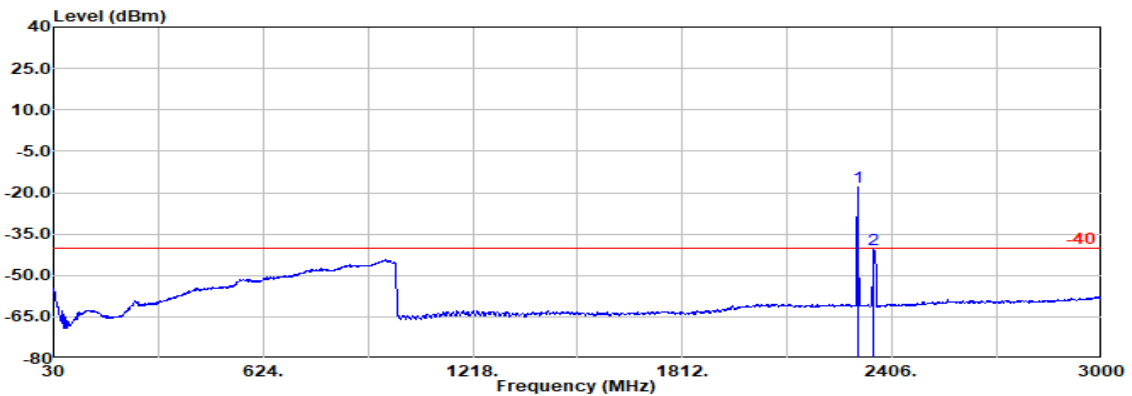
LTE B30 5M Ch27710 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: -40 3m 9120D_01620_230817 Horizontal
 : LTE Band 30 5M Ch27710 1RB0 QPSK
 : #1 is fundamental signal which can be ignored.
 : #2 is down link signal which can be ignored.

1	2	Freq	Level	Detector	Ant	Amp\Cb	Filter	Readin		Limit	Margin	Pol
		MHz	dBm		Factor	1		dB	dB	dBuV	dBm	dB
		2308.00	-14.83	RMS	27.28	-26.67	0.00	-95.23	79.79	-40.00	25.17	Horizontal
		2354.00	-37.81	RMS	27.30	-26.61	0.00	-95.23	56.73	-40.00	2.19	Horizontal



Site : 03CH11-HY
 Condition: -40 3m 9120D_01620_230817 Vertical
 : LTE Band 30 5M Ch27710 1RB0 QPSK
 : #1 is fundamental signal which can be ignored.
 : #2 is down link signal which can be ignored.

1	2	Freq	Level	Detector	Ant	Amp\Cb	Filter	Readin		Limit	Margin	Pol
		MHz	dBm		Factor	1		dB	dB	dBuV	dBm	dB
		2308.00	-18.05	RMS	27.28	-26.67	0.00	-95.23	76.57	-40.00	21.95	Vertical
		2354.00	-40.78	RMS	27.30	-26.61	0.00	-95.23	53.76	-40.00	-0.78	Vertical