



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Ken Kuo, York Huang, Vic Li	Temperature :	21.3 ~ 25.2°C
		Relative Humidity :	54.7 ~ 61.3%



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
4	Part 22H	LTE B26	M	2489	-59.11	RMS	27.11	-24.35	0.89	-95.23	32.47	-13.00	-46.11	H	Ant 4
5	Part 22H	LTE CA 5B	M	2511	-52.30	RMS	27.30	-24.31	0.91	-95.23	39.03	-13.00	-39.30	H	Ant 4
15	Part 24E	LTE B25	M	3751	-51.68	RMS	30.20	-23.18	1.29	-95.23	35.24	-13.00	-38.68	H	Ant 0
16	Part 24E	EN-DC B2+n71	M	3751	-52.41	RMS	30.20	-23.18	1.29	-95.23	34.51	-13.00	-39.41	V	Ant 0+4
21	Part 27F	LTE B13	M	3110	-63.68	RMS	28.42	-23.49	0.87	-95.23	25.75	-13.00	-50.68	H	Ant 0
23	Part 27H	LTE B12	M	2109	-54.26	RMS	26.50	-24.83	0.92	-95.23	38.38	-13.00	-41.26	V	Ant 4
25	Part 27N	LTE B71	M	2024	-55.91	RMS	26.46	-25.06	0.99	-95.23	36.93	-13.00	-42.91	V	Ant 4
34	Part 27L	LTE B66	M	6944	-55.21	RMS	36.71	-22.03	1.07	-95.23	24.27	-13.00	-42.21	V	Ant 0
35	Part 27L	EN-DC B66+n5	M	5208	-45.01	RMS	32.77	-21.83	1.06	-95.23	38.22	-13.00	-32.01	H	Ant 0+4
41	Part 27M	LTE B7	M	7578	-51.95	RMS	37.04	-21.90	1.11	-95.23	27.03	-25.00	-26.95	V	Ant 1
42	Part 27M	LTE B41	M	7752	-51.99	RMS	36.90	-22.10	1.07	-95.23	27.37	-25.00	-26.99	V	Ant 1
43	Part 27M	LTE CA B41C	M	7781	-50.15	RMS	36.90	-22.14	1.06	-95.23	29.26	-25.00	-25.15	V	Ant 1
50	Part 27D	LTE B30	M	9222	-50.16	RMS	37.44	-22.30	1.16	-95.23	28.77	-40.00	-10.16	H	Ant 1
8	Part 90S	LTE B26	M	3268	-63.52	RMS	28.34	-23.49	0.86	-95.23	26.00	-13.00	-50.52	V	Ant 0
9	Part 90S	LTE B26	M	3269	-63.41	RMS	28.34	-23.49	0.86	-95.23	26.11	-13.00	-50.41	H	Ant 0
28	Part 90R	LTE B14	M	1581	-68.00	RMS	24.61	-25.32	1.05	-95.23	26.89	-42.15	-25.85	H	Ant 0
29	Part 90R	LTE B14	M	1576	-67.92	RMS	24.60	-25.32	1.05	-95.23	26.98	-42.15	-25.77	H	Ant 0
32	Part 90R	EN-DC B14+n66	M	1577	-68.23	RMS	24.60	-25.32	1.05	-95.23	26.67	-42.15	-26.08	H	Ant 4+0

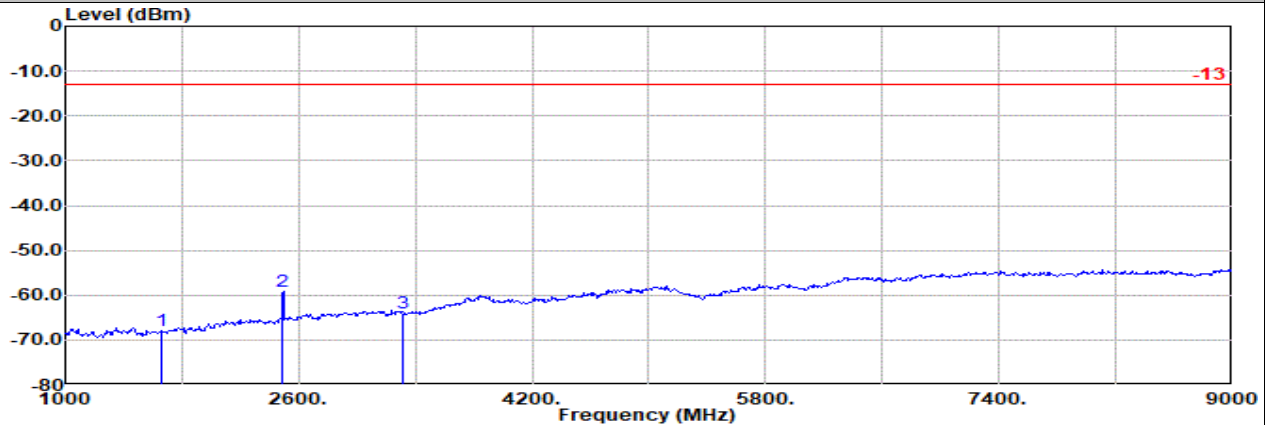


Ant 4

Part 22H Mode 4

LTE B26 15M Ch26915 1RB0 QPSK

M

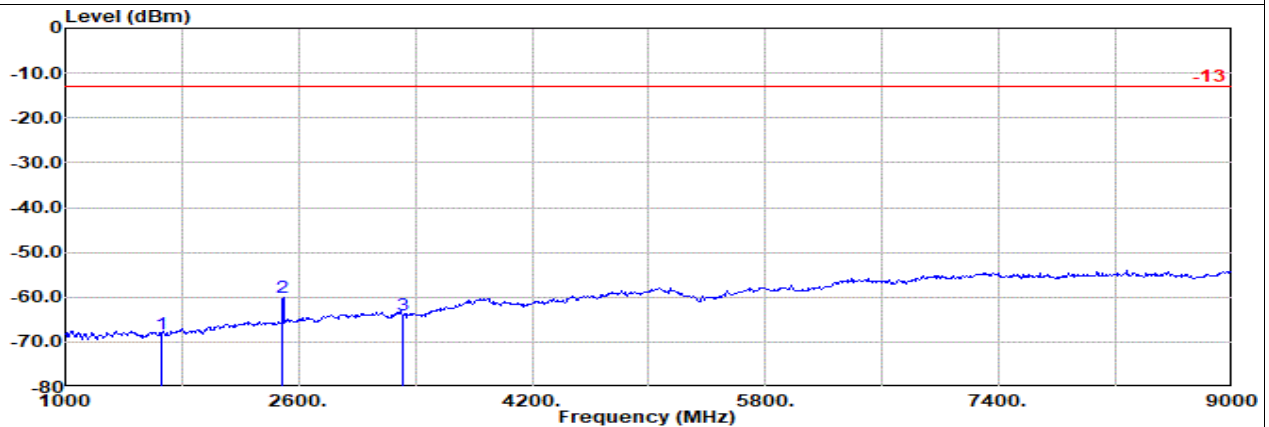


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE B26 15M Ch26915 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1			g				
1	1659.00	-68.05	RMS	24.70	-25.27	1.09	-95.23	26.66	-13.00	-55.05		Horizontal
2	2489.00	-59.11	RMS	27.11	-24.35	0.89	-95.23	32.47	-13.00	-46.11		Horizontal
3	3319.00	-64.05	RMS	28.40	-23.50	0.85	-95.23	25.43	-13.00	-51.05		Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE B26 15M Ch26915 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin		Pol
	MHz	dBm		Factor	1			g				
1	1659.00	-68.20	RMS	24.70	-25.27	1.09	-95.23	26.51	-13.00	-55.20		Vertical
2	2489.00	-60.01	RMS	27.11	-24.35	0.89	-95.23	31.57	-13.00	-47.01		Vertical
3	3319.00	-63.96	RMS	28.40	-23.50	0.85	-95.23	25.52	-13.00	-50.96		Vertical

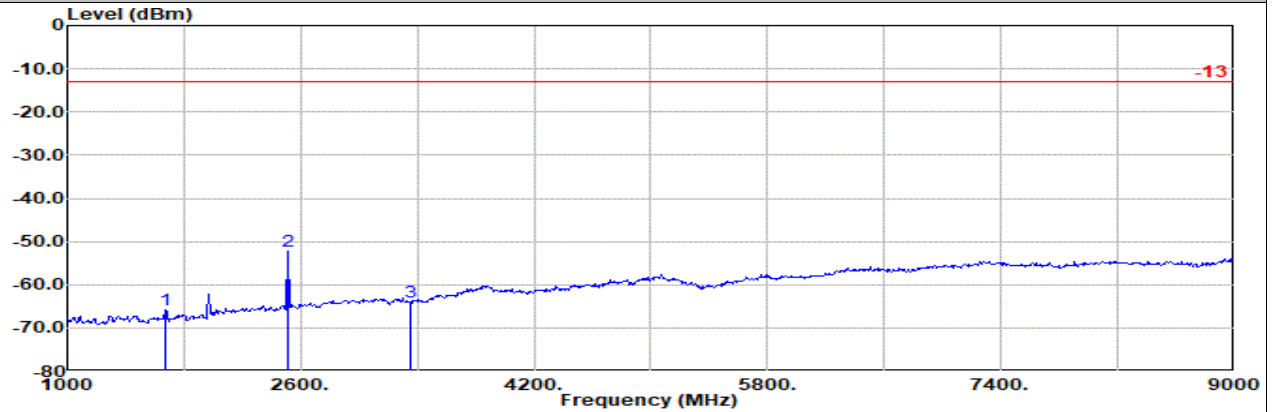


Ant 4

Part 22H Mode 5

LTE CA 5B 10M + 10M Ch20476 1RB49 QPSK + Ch20575 1RB0 QPSK

M



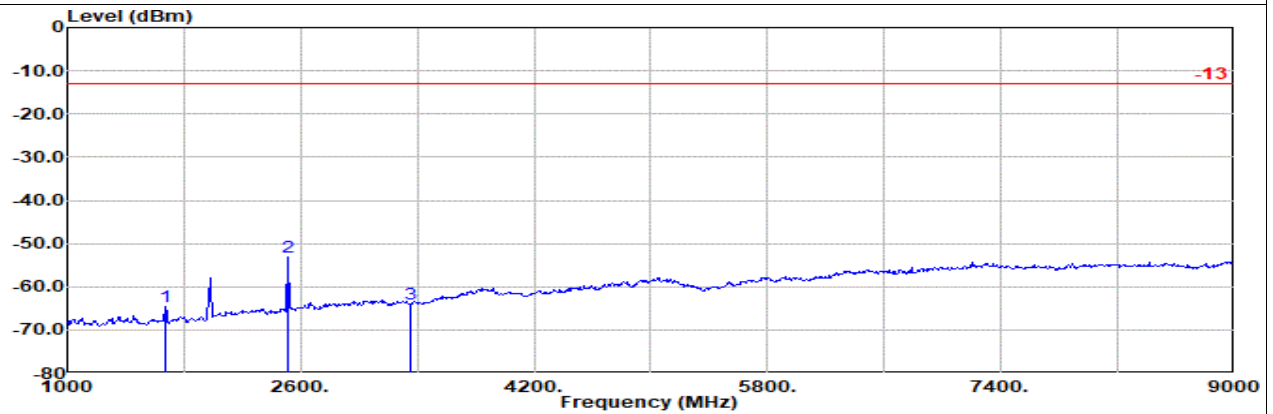
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 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	1674.00	-65.83	RMS		24.80	-25.26	1.09	-95.23	28.77	-13.00	-52.83		Horizontal
2	2511.00	-52.30	RMS		27.30	-24.31	0.91	-95.23	39.03	-13.00	-39.30		Horizontal
3	3348.00	-63.90	RMS		28.40	-23.51	0.85	-95.23	25.59	-13.00	-50.90		Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 5 10M Ch20476 1RB49 QPSK

: LTE Band 5 10M Ch20575 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	1674.00	-64.72	RMS		24.80	-25.26	1.09	-95.23	29.88	-13.00	-51.72		Vertical
2	2511.00	-53.00	RMS		27.30	-24.31	0.91	-95.23	38.33	-13.00	-40.00		Vertical
3	3348.00	-63.93	RMS		28.40	-23.51	0.85	-95.23	25.56	-13.00	-50.93		Vertical

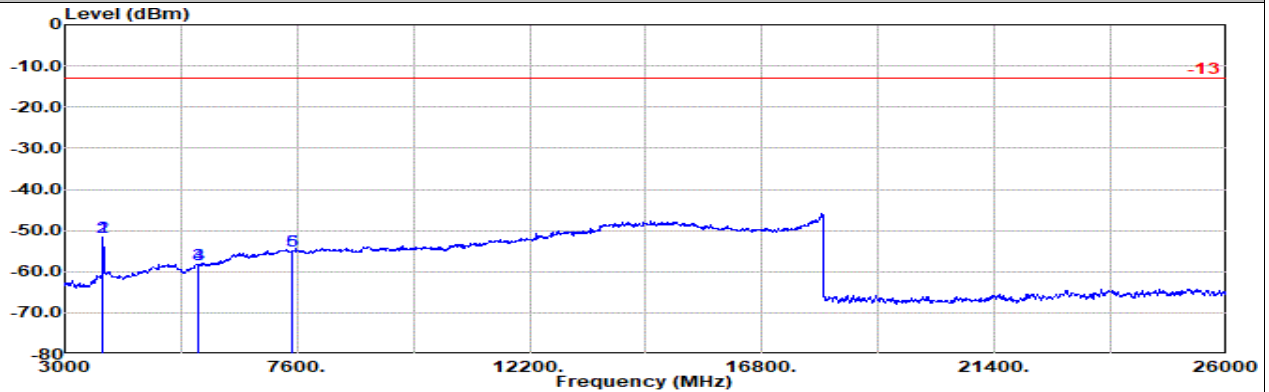


Ant 0

Part 24E Mode 15

LTE B25 10M Ch26340 1RB0 QPSK

M

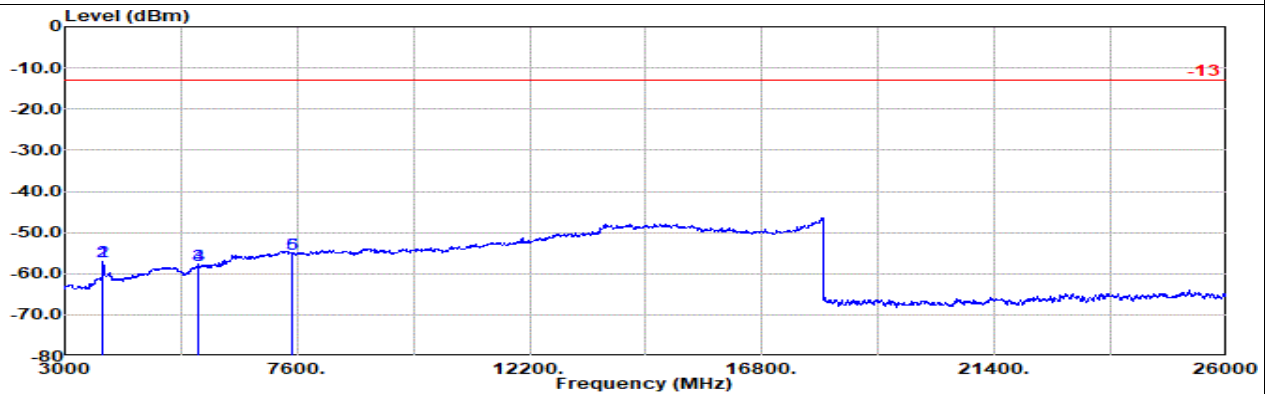


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 25 10M Ch26340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3751.00	-51.68	RMS	30.20	-23.18	1.29	-95.23	35.24	-13.00	-38.68	Horizontal
2	3751.00	-51.68	RMS	30.20	-23.18	1.29	-95.23	35.24	-13.00	-38.68	Horizontal
3	5626.00	-58.13	RMS	33.40	-22.10	1.48	-95.23	24.32	-13.00	-45.13	Horizontal
4	5626.00	-58.13	RMS	33.40	-22.10	1.48	-95.23	24.32	-13.00	-45.13	Horizontal
5	7502.00	-54.94	RMS	37.29	-21.89	1.11	-95.23	23.78	-13.00	-41.94	Horizontal
6	7502.00	-54.94	RMS	37.29	-21.89	1.11	-95.23	23.78	-13.00	-41.94	Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 25 10M Ch26340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3751.00	-57.09	RMS	30.20	-23.18	1.29	-95.23	29.83	-13.00	-44.09	Vertical
2	3751.00	-57.09	RMS	30.20	-23.18	1.29	-95.23	29.83	-13.00	-44.09	Vertical
3	5626.00	-58.05	RMS	33.40	-22.10	1.48	-95.23	24.40	-13.00	-45.05	Vertical
4	5626.00	-58.05	RMS	33.40	-22.10	1.48	-95.23	24.40	-13.00	-45.05	Vertical
5	7506.00	-55.34	RMS	37.28	-21.89	1.11	-95.23	23.39	-13.00	-42.34	Vertical
6	7506.00	-55.34	RMS	37.28	-21.89	1.11	-95.23	23.39	-13.00	-42.34	Vertical

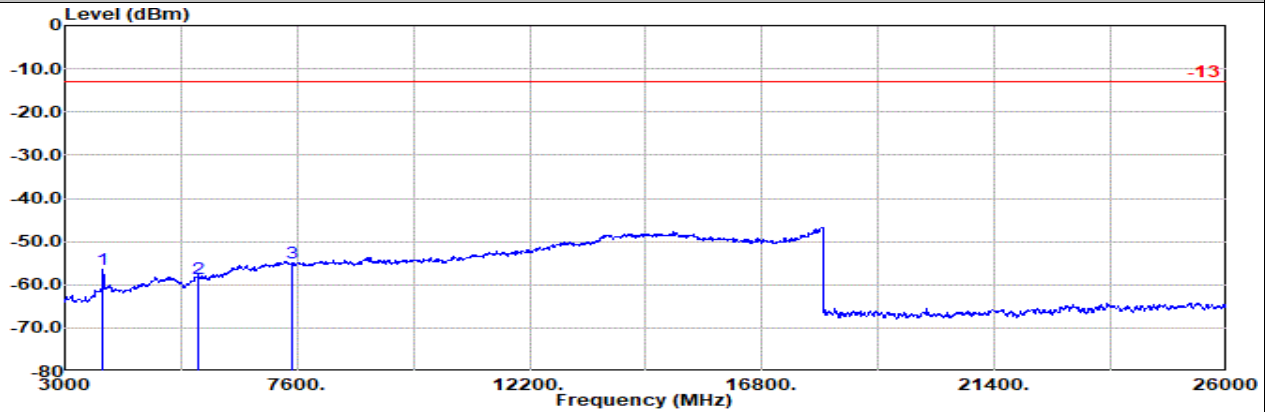


Ant 0+4

Part 24E Mode 16

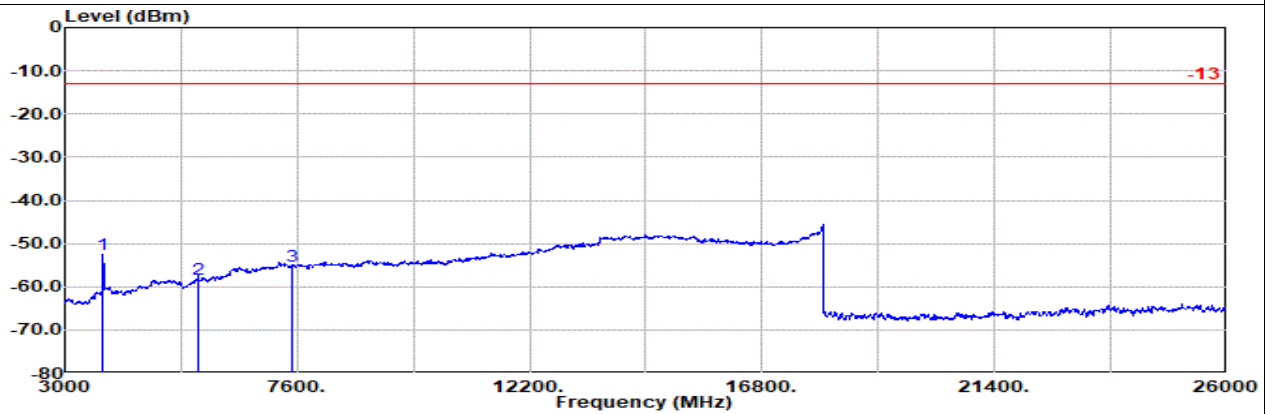
EN-DC B2+n71 10M + 35M Ch18900 1RB0 QPSK + Ch136100 1RB1 BPSK

M



Site : 03CH22-HY
Condition: -13 1m SHF_1225_260812 Horizontal
: LTE Band 2 10M Ch18900 1RB0 QPSK
: SA n71 35M Ch136100 1RB1 BPSK

	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	3751.00	-56.39	RMS	30.20	-23.18	1.29	-95.23	30.53	-13.00	-43.39 Horizontal
2	5626.00	-58.47	RMS	33.40	-22.10	1.48	-95.23	23.98	-13.00	-45.47 Horizontal
3	7502.00	-54.83	RMS	37.29	-21.89	1.11	-95.23	23.89	-13.00	-41.83 Horizontal



Site : 03CH22-HY
Condition: -13 1m SHF_1225_260812 Vertical
: LTE Band 2 10M Ch18900 1RB0 QPSK
: SA n71 35M Ch136100 1RB1 BPSK

	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	3751.00	-52.41	RMS	30.20	-23.18	1.29	-95.23	34.51	-13.00	-39.41 Vertical
2	5626.00	-58.27	RMS	33.40	-22.10	1.48	-95.23	24.18	-13.00	-45.27 Vertical
3	7502.00	-55.16	RMS	37.29	-21.89	1.11	-95.23	23.56	-13.00	-42.16 Vertical

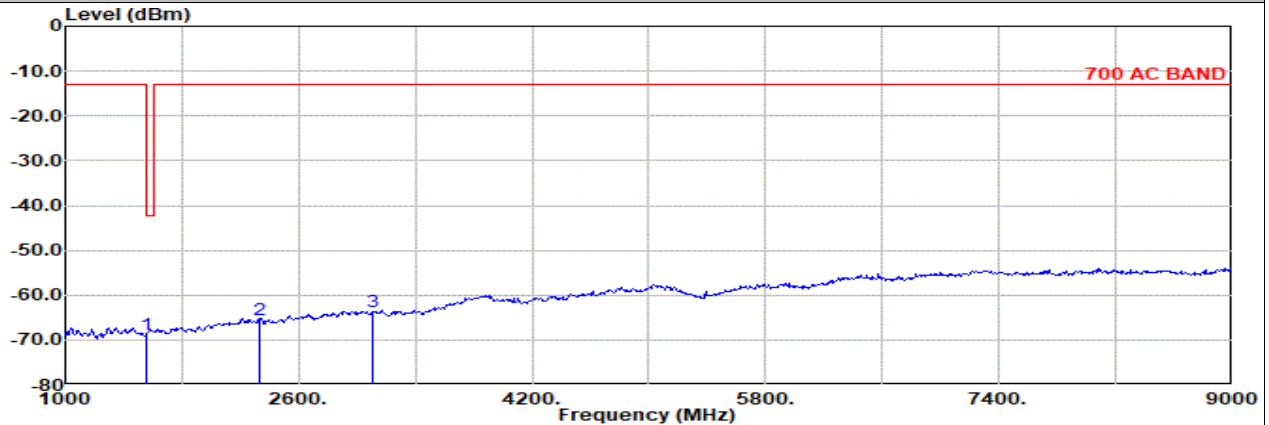


Ant 0

Part 27F Mode 21

LTE B13 10M Ch23230 1RB0 QPSK

M

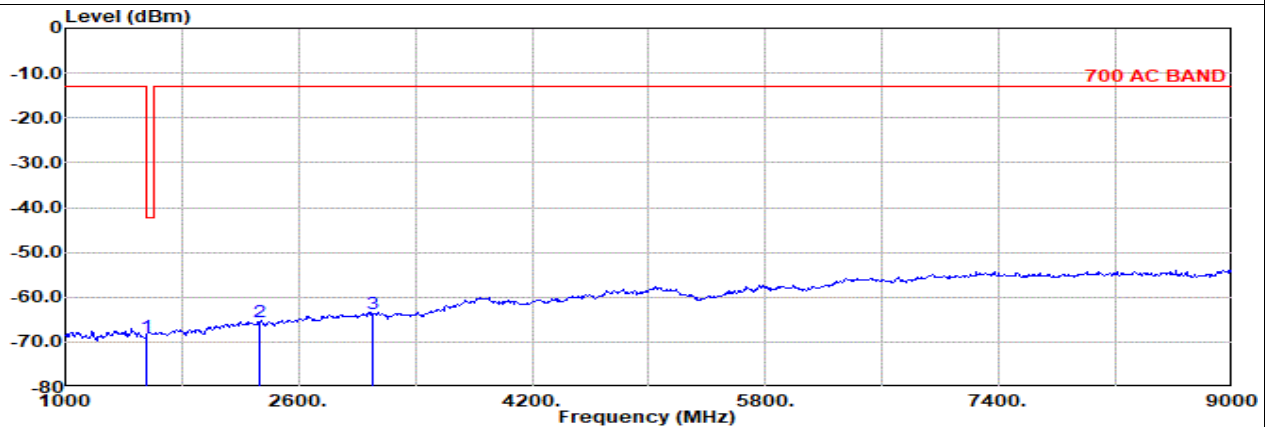


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 13 10M Ch23230 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	1555.00	-68.80	RMS	24.40	-25.34	1.05	-95.23	26.32	-13.00	-55.80	Horizontal			
2	2332.00	-65.54	RMS	27.00	-24.51	0.85	-95.23	26.35	-13.00	-52.54	Horizontal			
3	3110.00	-63.68	RMS	28.42	-23.49	0.87	-95.23	25.75	-13.00	-50.68	Horizontal			



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 13 10M Ch23230 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	1555.00	-68.91	RMS	24.40	-25.34	1.05	-95.23	26.21	-13.00	-55.91	Vertical			
2	2332.00	-65.63	RMS	27.00	-24.51	0.85	-95.23	26.26	-13.00	-52.63	Vertical			
3	3110.00	-63.73	RMS	28.42	-23.49	0.87	-95.23	25.70	-13.00	-50.73	Vertical			

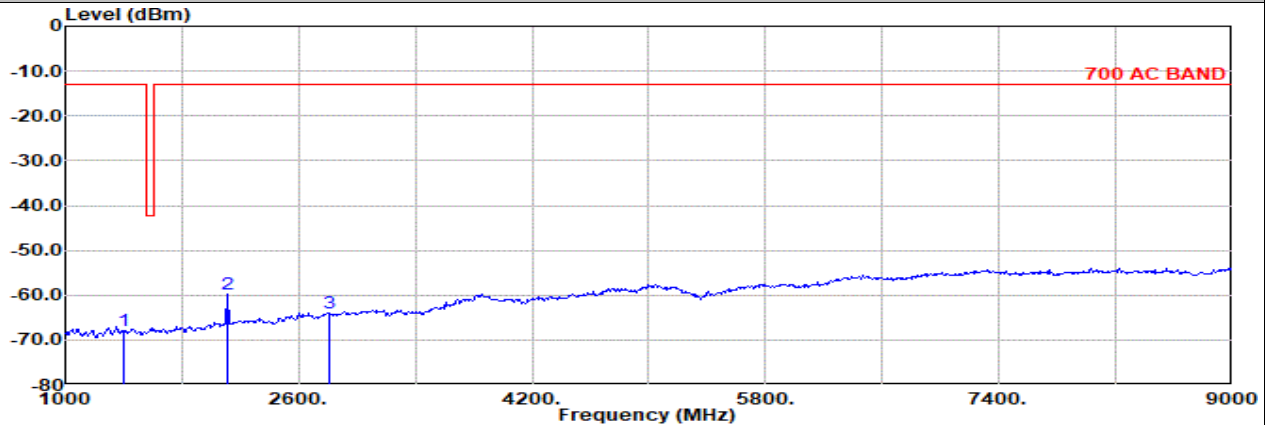


Ant 4

Part 27H Mode 23

LTE B12 10M Ch23095 1RB0 QPSK

M

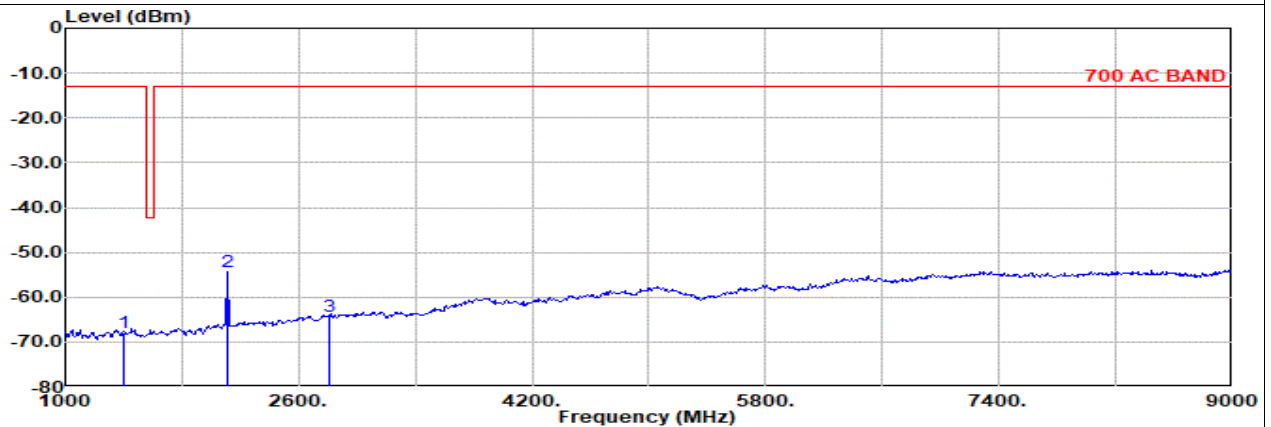


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	1406.00	-67.87	RMS	24.72	-25.53	1.04	-95.23	27.13	-13.00	-54.87	Horizontal		
2	2109.00	-59.63	RMS	26.50	-24.83	0.92	-95.23	33.01	-13.00	-46.63	Horizontal		
3	2812.00	-63.89	RMS	28.08	-23.81	0.87	-95.23	26.20	-13.00	-50.89	Horizontal		



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 12 10M Ch23095 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	1406.00	-67.89	RMS	24.72	-25.53	1.04	-95.23	27.11	-13.00	-54.89	Vertical		
2	2109.00	-54.26	RMS	26.50	-24.83	0.92	-95.23	38.38	-13.00	-41.26	Vertical		
3	2812.00	-64.25	RMS	28.08	-23.81	0.87	-95.23	25.84	-13.00	-51.25	Vertical		

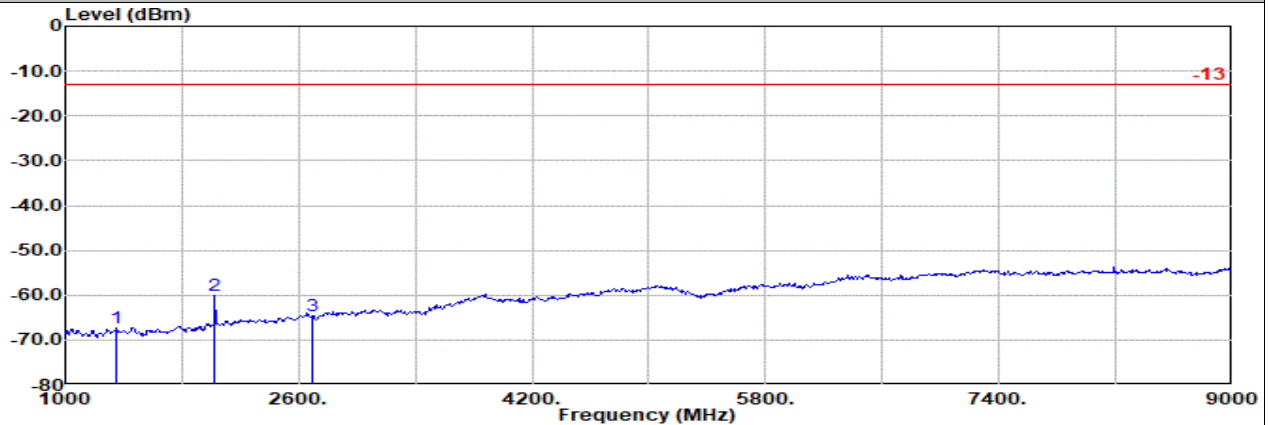


Ant 4

Part 27N Mode 25

LTE B71 20M Ch133322 1RB0 QPSK

M

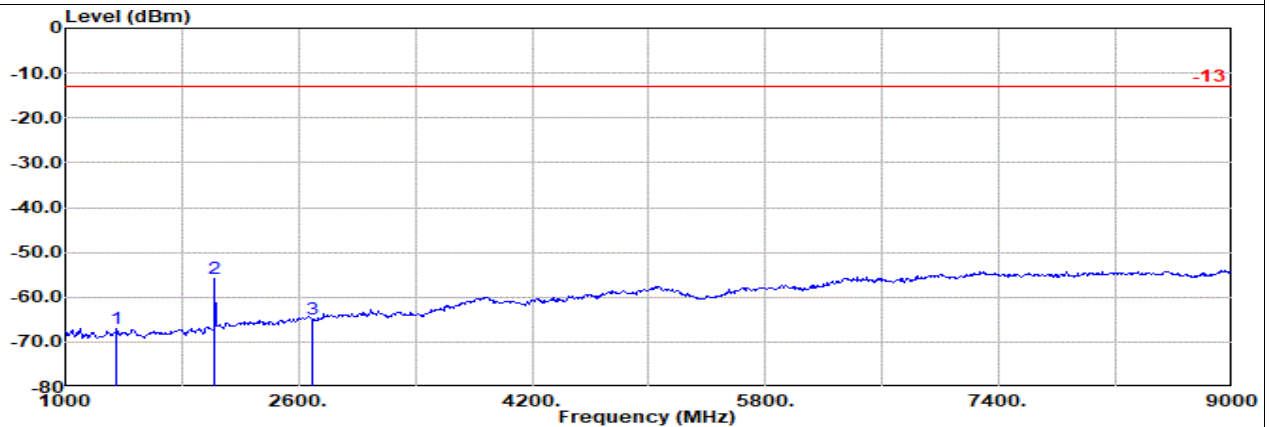


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 71 20M Ch133322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	1352.00	-67.24	RMS	24.60	-25.73	1.16	-95.23	27.96	-13.00	-54.24	Horizontal
2	2024.00	-60.12	RMS	26.46	-25.06	0.99	-95.23	32.72	-13.00	-47.12	Horizontal
3	2696.00	-64.66	RMS	27.70	-23.98	0.91	-95.23	25.94	-13.00	-51.66	Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 71 20M Ch133322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	1352.00	-67.06	RMS	24.60	-25.73	1.16	-95.23	28.14	-13.00	-54.06	Vertical
2	2024.00	-55.91	RMS	26.46	-25.06	0.99	-95.23	36.93	-13.00	-42.91	Vertical
3	2696.00	-64.92	RMS	27.70	-23.98	0.91	-95.23	25.68	-13.00	-51.92	Vertical

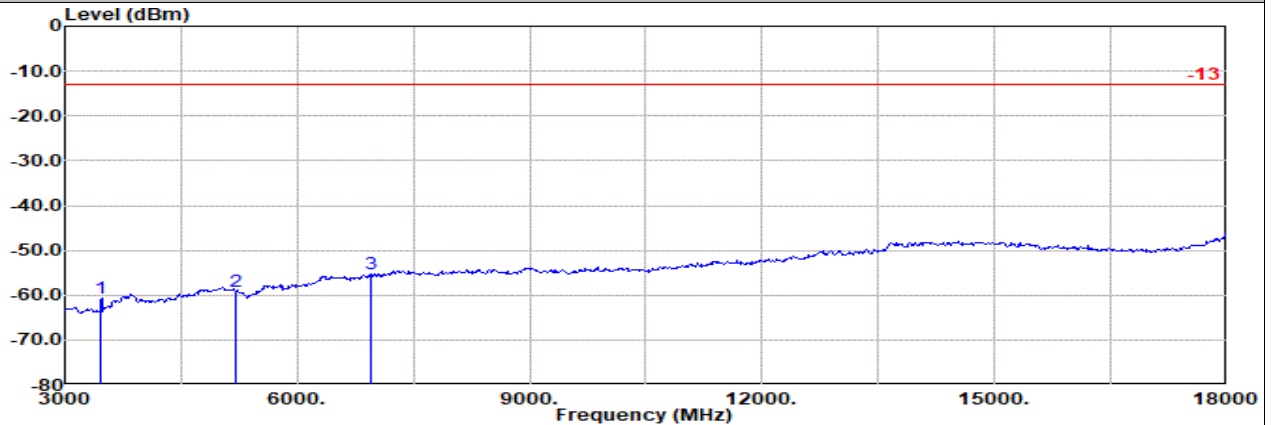


Ant 0

Part 27L Mode 34

LTE B66 20M Ch132322 1RB0 QPSK

M

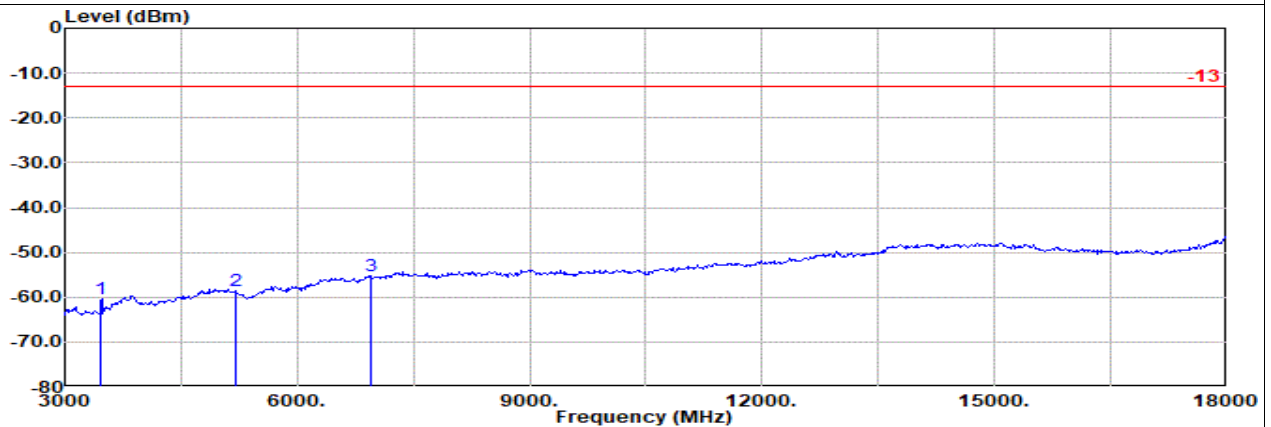


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	3472.00	-60.73	RMS	28.89	-23.43	1.21	-95.23	27.83	-13.00	-47.73	Horizontal		
2	5208.00	-59.09	RMS	32.77	-21.83	1.06	-95.23	24.14	-13.00	-46.09	Horizontal		
3	6944.00	-55.33	RMS	36.71	-22.03	1.07	-95.23	24.15	-13.00	-42.33	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	3472.00	-60.43	RMS	28.89	-23.43	1.21	-95.23	28.13	-13.00	-47.43	Vertical		
2	5208.00	-58.67	RMS	32.77	-21.83	1.06	-95.23	24.56	-13.00	-45.67	Vertical		
3	6944.00	-55.21	RMS	36.71	-22.03	1.07	-95.23	24.27	-13.00	-42.21	Vertical		

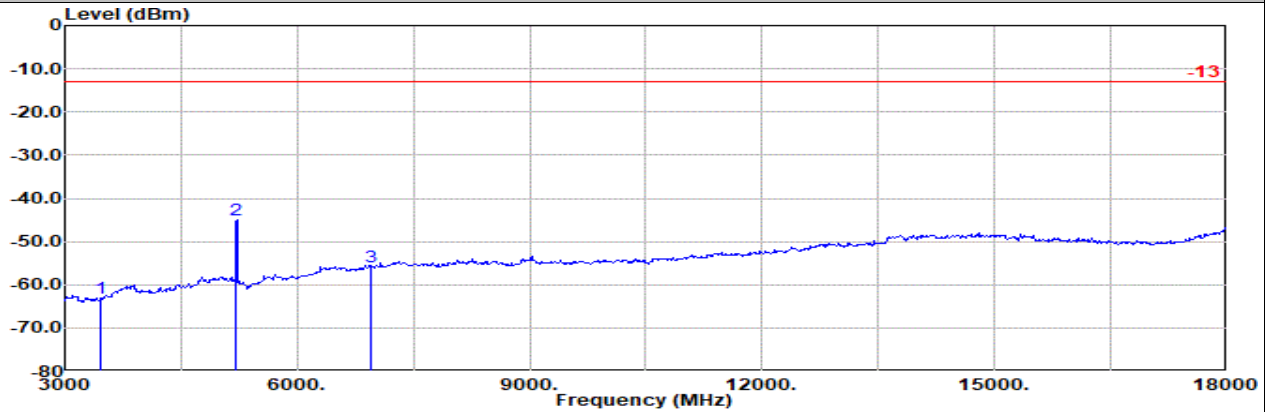


Ant 0+4

Part 27L Mode 35

EN-DC B66+n5 20M + 20M Ch132322 1RB0 QPSK + Ch167300 1RB1 BPSK

M



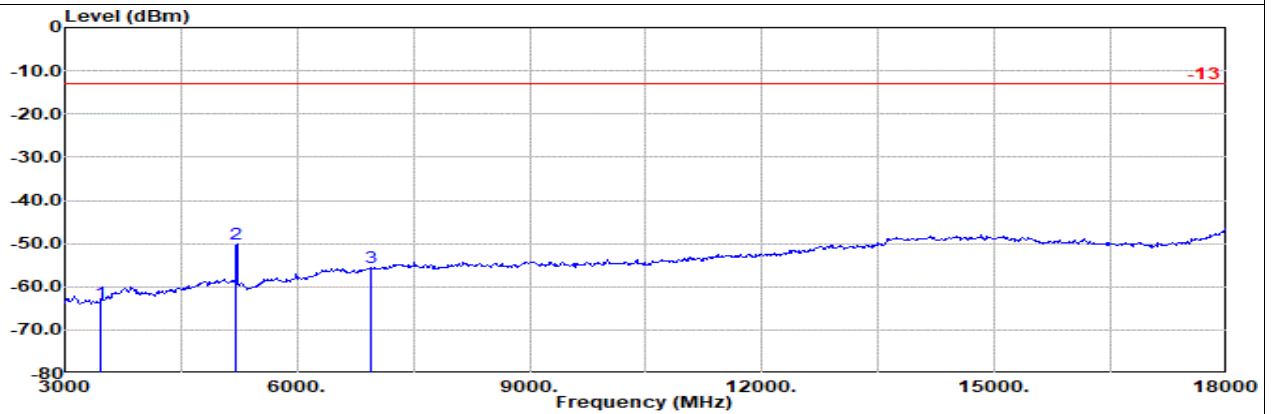
Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 66 20M Ch132322 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	3472.00	-63.21	RMS	28.89	-23.43	1.21	-95.23	25.35	-13.00	-50.21	Horizontal
2	5208.00	-45.01	RMS	32.77	-21.83	1.06	-95.23	38.22	-13.00	-32.01	Horizontal
3	6945.00	-55.84	RMS	36.71	-22.03	1.07	-95.23	23.64	-13.00	-42.84	Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 66 20M Ch132322 1RB0 QPSK

: SA n5 20M Ch167300 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	3472.00	-63.82	RMS	28.89	-23.43	1.21	-95.23	24.74	-13.00	-50.82	Vertical
2	5208.00	-50.01	RMS	32.77	-21.83	1.06	-95.23	33.22	-13.00	-37.01	Vertical
3	6945.00	-55.52	RMS	36.71	-22.03	1.07	-95.23	23.96	-13.00	-42.52	Vertical

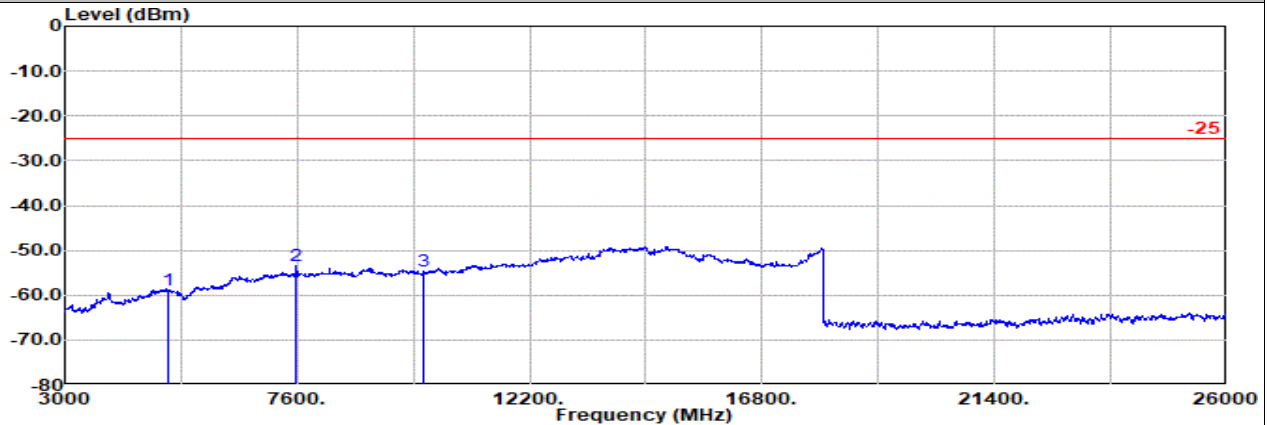


Ant 1

Part 27M Mode 41

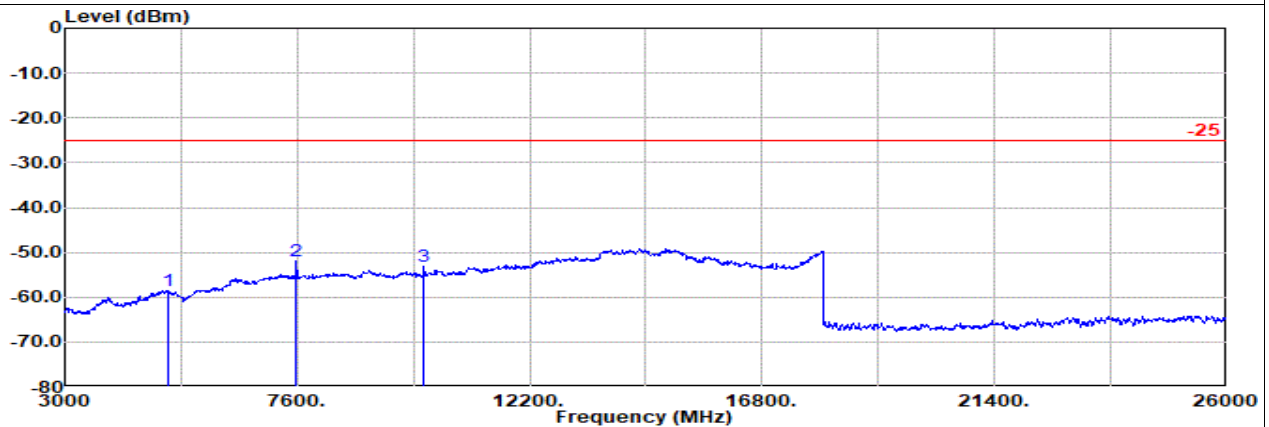
LTE B7 20M Ch21100 1RB0 QPSK

M



Site : 03CH22-HY
Condition: -25 1m SHF_1225_260812 Horizontal
: LTE Band 7 20M Ch21100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB		
1	5052.00	-58.77	RMS	32.70	-21.81	1.02	-95.23	24.55	-25.00	-33.77	Horizontal			
2	7578.00	-53.39	RMS	37.04	-21.90	1.11	-95.23	25.59	-25.00	-28.39	Horizontal			
3	10104.00	-54.56	RMS	37.50	-22.27	1.23	-95.23	24.21	-25.00	-29.56	Horizontal			



Site : 03CH22-HY
Condition: -25 1m SHF_1225_260812 Vertical
: LTE Band 7 20M Ch21100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB		
1	5052.00	-58.44	RMS	32.70	-21.81	1.02	-95.23	24.88	-25.00	-33.44	Vertical			
2	7578.00	-51.95	RMS	37.04	-21.90	1.11	-95.23	27.03	-25.00	-26.95	Vertical			
3	10104.00	-53.10	RMS	37.50	-22.27	1.23	-95.23	25.67	-25.00	-28.10	Vertical			

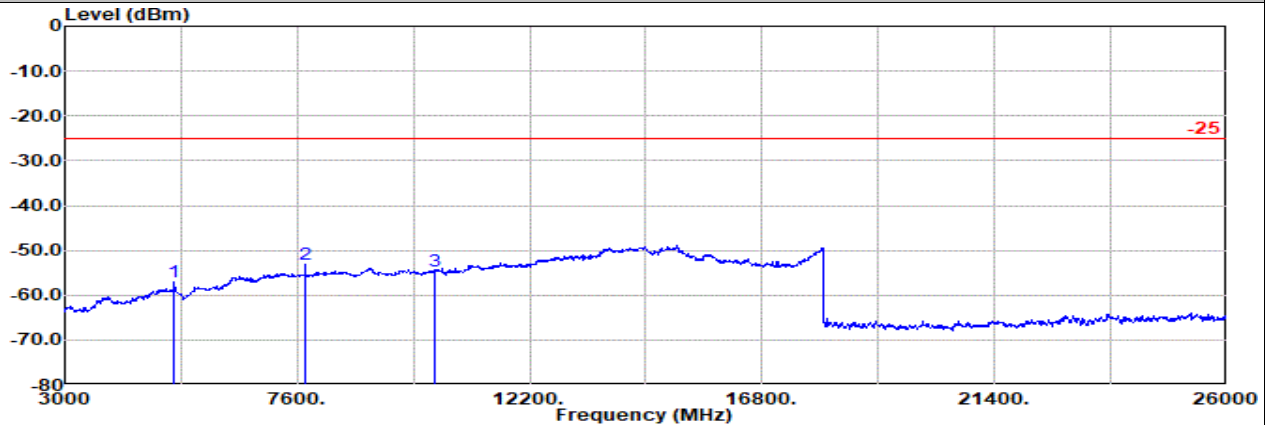


Ant 1

Part 27M Mode 42

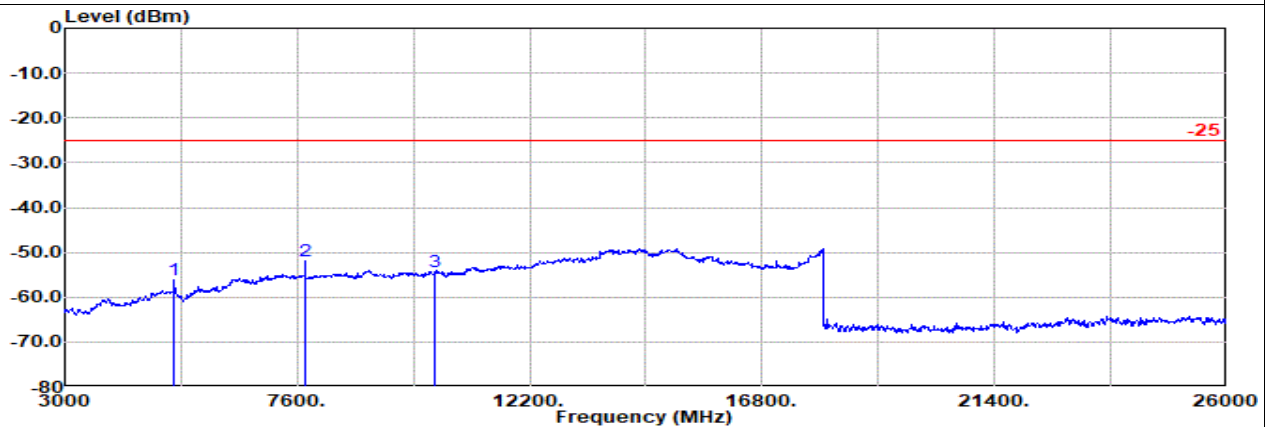
LTE B41 20M Ch40620 1RB0 QPSK

M



Site : 03CH22-HY
Condition: -25 1m SHF_1225_260812 Horizontal
: LTE Band 41 20M Ch40620 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5168.00	-56.94	RMS	32.74	-21.82	1.05	-95.23	26.32	-25.00	-31.94	Horizontal			
2	7752.00	-53.13	RMS	36.90	-22.10	1.07	-95.23	26.23	-25.00	-28.13	Horizontal			
3	10336.00	-54.53	RMS	37.50	-22.43	1.25	-95.23	24.38	-25.00	-29.53	Horizontal			



Site : 03CH22-HY
Condition: -25 1m SHF_1225_260812 Vertical
: LTE Band 41 20M Ch40620 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5168.00	-56.11	RMS	32.74	-21.82	1.05	-95.23	27.15	-25.00	-31.11	Vertical			
2	7752.00	-51.99	RMS	36.90	-22.10	1.07	-95.23	27.37	-25.00	-26.99	Vertical			
3	10336.00	-54.42	RMS	37.50	-22.43	1.25	-95.23	24.49	-25.00	-29.42	Vertical			

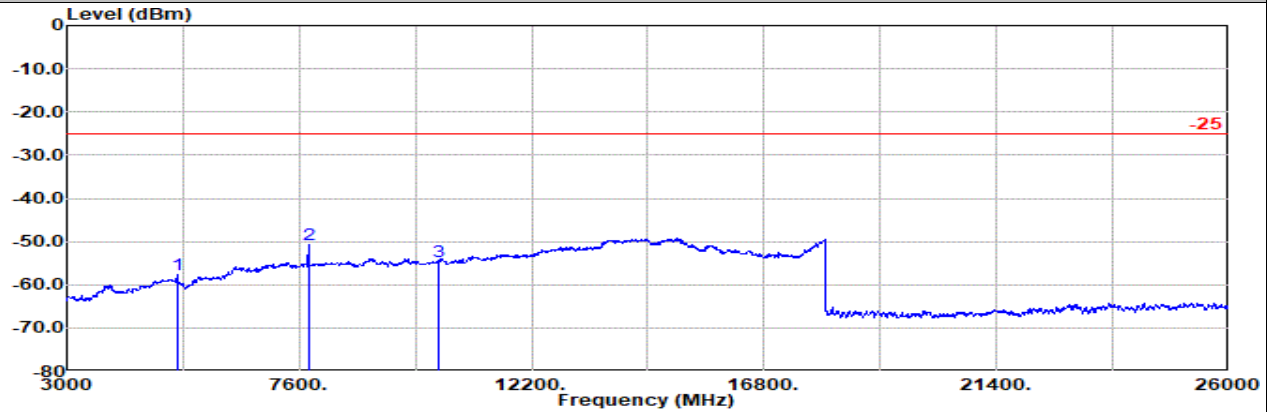


Ant 1

Part 27M Mode 43

LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

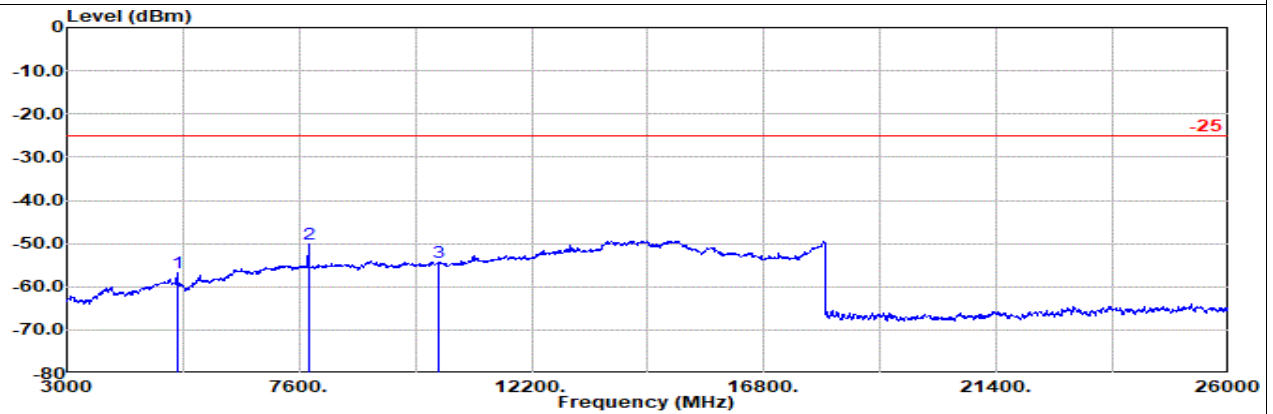
M



Site : 03CH22-HY

Condition: -25 1m SHF_1225_260812 Horizontal
: LTE Band 41 20M Ch40521 1RB99 QPSK
: LTE Band 41 20M Ch40719 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5187.00	-57.63	RMS	32.77	-21.82	1.06	-95.23	25.59	-25.00	-32.63	Horizontal			
2	7781.00	-50.74	RMS	36.90	-22.14	1.06	-95.23	28.67	-25.00	-25.74	Horizontal			
3	10375.00	-54.57	RMS	37.50	-22.45	1.26	-95.23	24.36	-25.00	-29.57	Horizontal			



Site : 03CH22-HY

Condition: -25 1m SHF_1225_260812 Vertical
: LTE Band 41 20M Ch40521 1RB99 QPSK
: LTE Band 41 20M Ch40719 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5187.00	-56.81	RMS	32.77	-21.82	1.06	-95.23	26.41	-25.00	-31.81	Vertical			
2	7781.00	-50.15	RMS	36.90	-22.14	1.06	-95.23	29.26	-25.00	-25.15	Vertical			
3	10375.00	-54.27	RMS	37.50	-22.45	1.26	-95.23	24.66	-25.00	-29.27	Vertical			

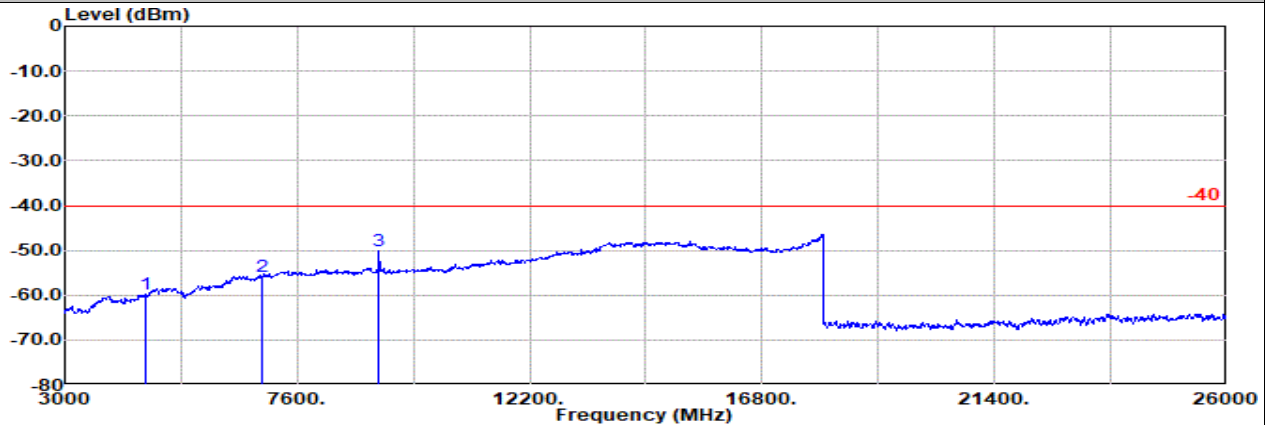


Ant 1

Part 27D Mode 50

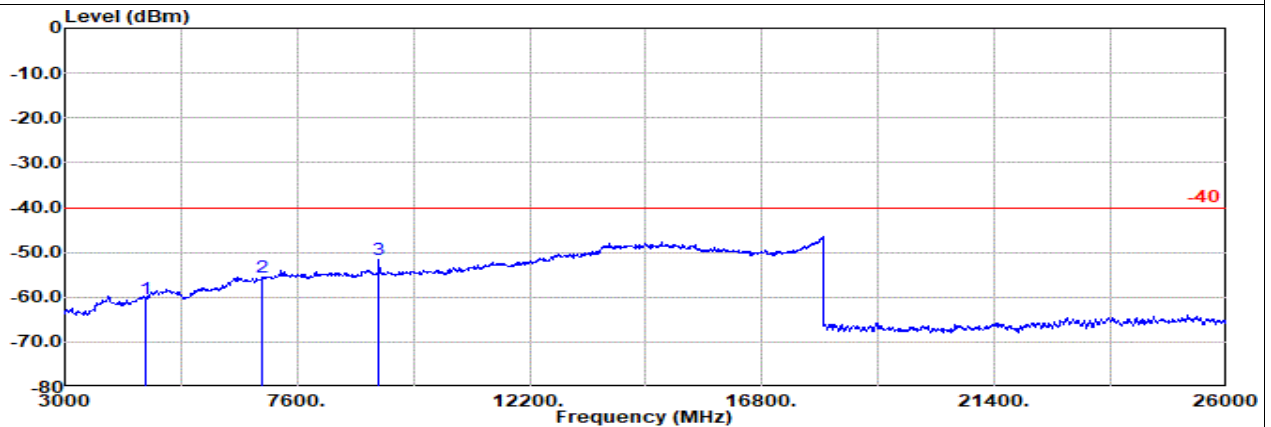
LTE B30 10M Ch27710 1RB0 QPSK

M



Site : 03CH22-HY
Condition: -40 1m SHF_1225_260812 Horizontal
: LTE Band 30 10M Ch27710 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4611.00	-59.75	RMS	31.97	-22.21	1.00	-95.23	24.72	-40.00	-19.75 Horizontal
2	6916.00	-55.93	RMS	36.77	-22.03	1.06	-95.23	23.50	-40.00	-15.93 Horizontal
3	9222.00	-50.16	RMS	37.44	-22.30	1.16	-95.23	28.77	-40.00	-10.16 Horizontal



Site : 03CH22-HY
Condition: -40 1m SHF_1225_260812 Vertical
: LTE Band 30 10M Ch27710 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4611.00	-60.30	RMS	31.97	-22.21	1.00	-95.23	24.17	-40.00	-20.30 Vertical
2	6916.00	-55.60	RMS	36.77	-22.03	1.06	-95.23	23.83	-40.00	-15.60 Vertical
3	9222.00	-51.63	RMS	37.44	-22.30	1.16	-95.23	27.30	-40.00	-11.63 Vertical

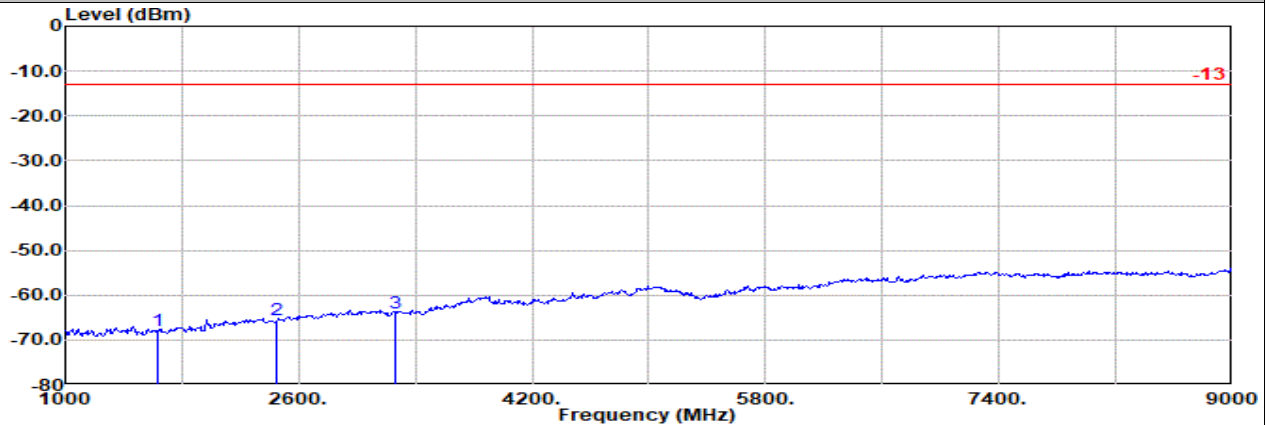


Ant 0

Part 90S Mode 8

LTE B26 5M Ch26740 1RB0 QPSK

M

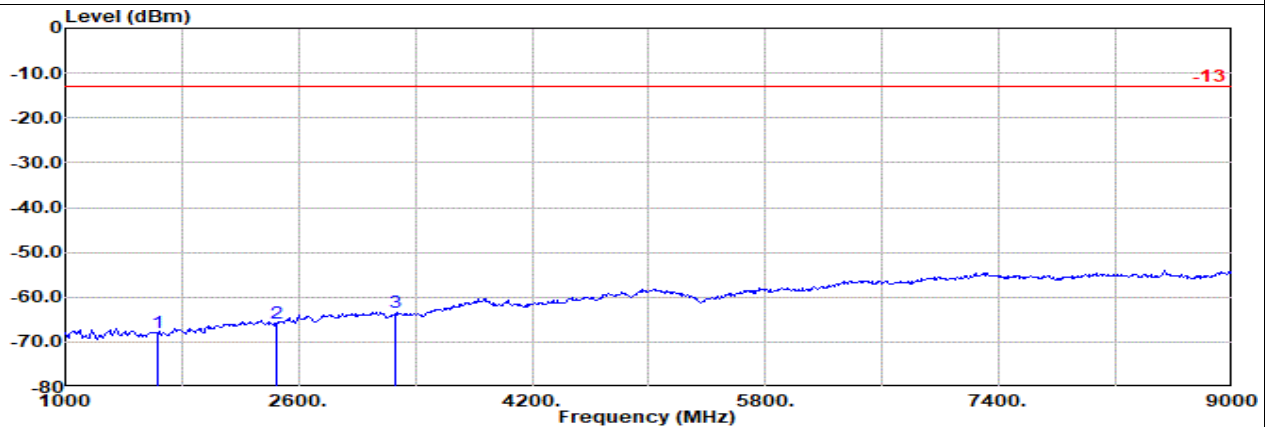


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE B26 5M Ch26740 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	1634.00	-68.05	RMS	24.80	-25.28	1.07	-95.23	26.59	-13.00	-55.05	Horizontal
2	2451.00	-65.50	RMS	26.91	-24.40	0.88	-95.23	26.34	-13.00	-52.50	Horizontal
3	3268.00	-63.90	RMS	28.34	-23.49	0.86	-95.23	25.62	-13.00	-50.90	Horizontal



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE B26 5M Ch26740 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	1634.00	-67.89	RMS	24.80	-25.28	1.07	-95.23	26.75	-13.00	-54.89	Vertical
2	2451.00	-65.83	RMS	26.91	-24.40	0.88	-95.23	26.01	-13.00	-52.83	Vertical
3	3268.00	-63.52	RMS	28.34	-23.49	0.86	-95.23	26.00	-13.00	-50.52	Vertical

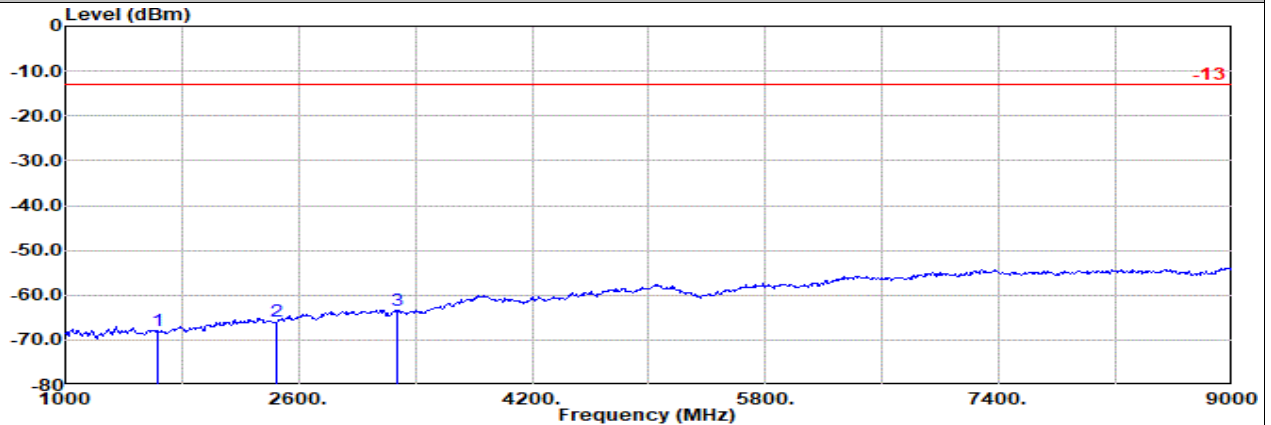


Ant 0

Part 90S Mode 9

LTE B26 15M Ch26790 1RB0 QPSK

M

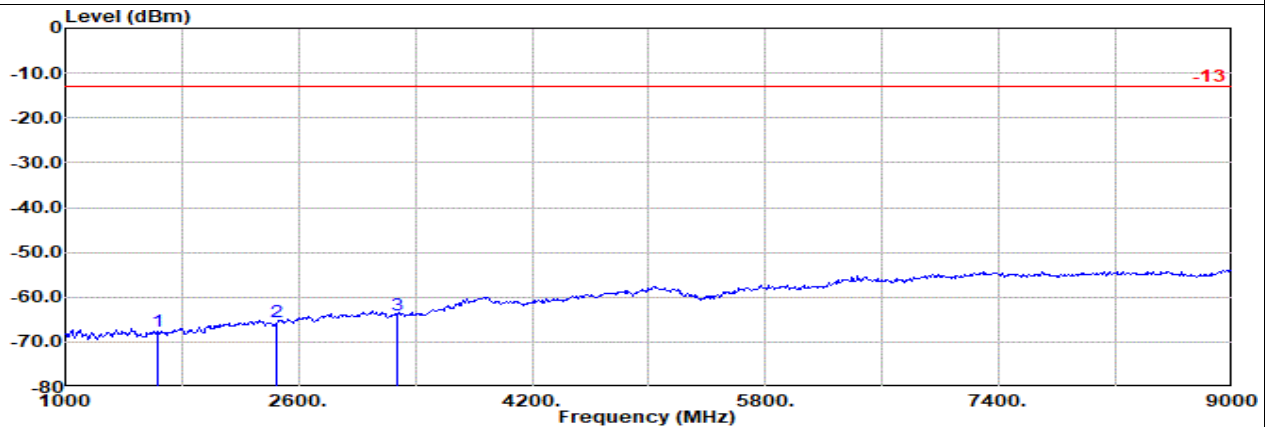


Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE B26 15M Ch26790 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBm	dB		
1	1634.00	-67.82	RMS	24.80	-25.28	1.07	-95.23	26.82	-13.00	-54.82	Horizontal		
2	2452.00	-65.78	RMS	26.92	-24.40	0.88	-95.23	26.05	-13.00	-52.78	Horizontal		
3	3269.00	-63.41	RMS	28.34	-23.49	0.86	-95.23	26.11	-13.00	-50.41	Horizontal		



Site : 03CH22-HY

Condition: -13 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE B26 15M Ch26790 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB		dBm	dB		
1	1634.00	-67.61	RMS	24.80	-25.28	1.07	-95.23	27.03	-13.00	-54.61	Vertical		
2	2452.00	-65.65	RMS	26.92	-24.40	0.88	-95.23	26.18	-13.00	-52.65	Vertical		
3	3269.00	-63.88	RMS	28.34	-23.49	0.86	-95.23	25.64	-13.00	-50.88	Vertical		

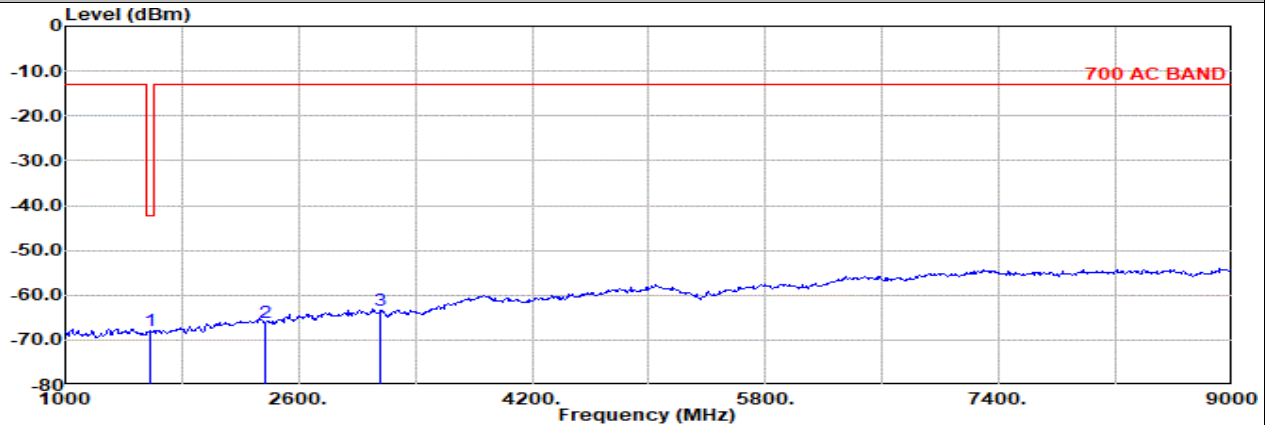


Ant 0

Part 90R Mode 28

LTE B14 5M Ch23330 1RB0 QPSK

M

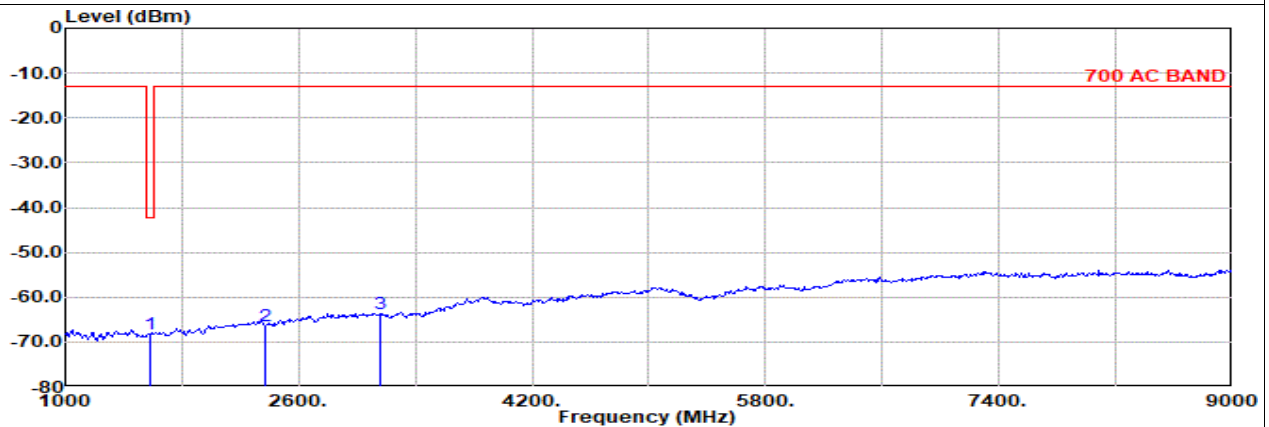


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 14 5M Ch23330 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	1581.00	-68.00	RMS	24.61	-25.32	1.05	-95.23	26.89	-42.15	-25.85	Horizontal		
2	2372.00	-66.11	RMS	26.90	-24.49	0.85	-95.23	25.86	-13.00	-53.11	Horizontal		
3	3163.00	-63.39	RMS	28.45	-23.49	0.86	-95.23	26.02	-13.00	-50.39	Horizontal		



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 14 5M Ch23330 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB		dBuV	dBm	dB	
1	1581.00	-68.21	RMS	24.61	-25.32	1.05	-95.23	26.68	-42.15	-26.06	Vertical		
2	2372.00	-66.28	RMS	26.90	-24.49	0.85	-95.23	25.69	-13.00	-53.28	Vertical		
3	3163.00	-63.67	RMS	28.45	-23.49	0.86	-95.23	25.74	-13.00	-50.67	Vertical		

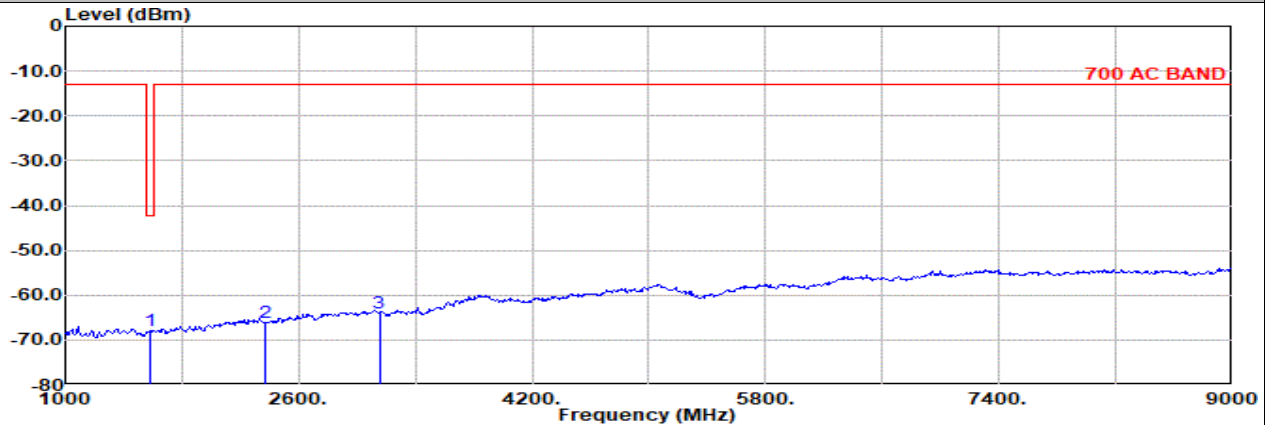


Ant 0

Part 90R Mode 29

LTE B14 10M Ch23330 1RB0 QPSK

M

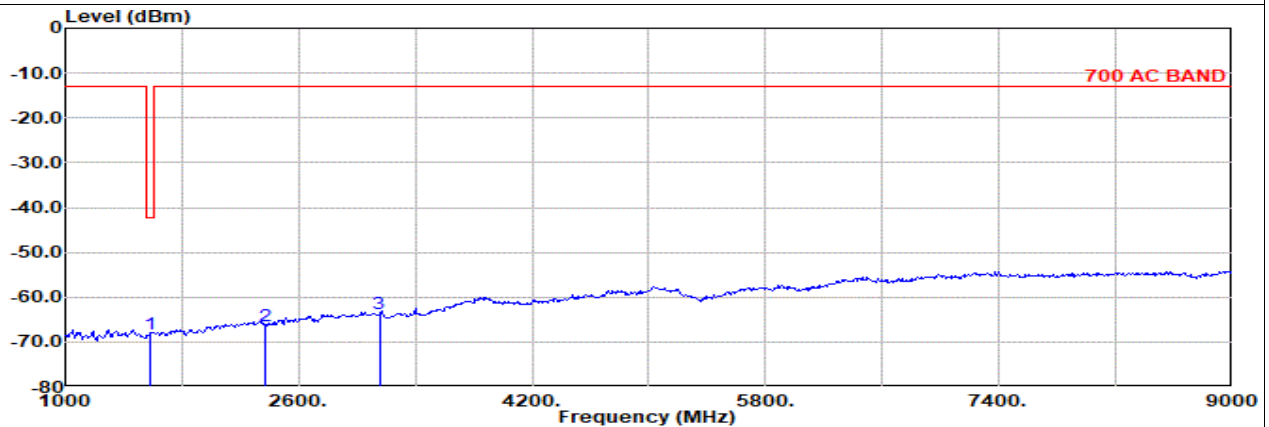


Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 14 10M Ch23330 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB				dB	dB
1	1576.00	-67.92	RMS	24.60	-25.32	1.05	-95.23	26.98	-42.15	-25.77	Horizontal		
2	2368.00	-66.17	RMS	26.92	-24.49	0.85	-95.23	25.78	-13.00	-53.17	Horizontal		
3	3152.00	-63.99	RMS	28.49	-23.49	0.86	-95.23	25.38	-13.00	-50.99	Horizontal		



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 14 10M Ch23330 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit g	Margin Pol	
	MHz	dBm		dB/m	dB		dB	dB				dB	dB
1	1576.00	-68.24	RMS	24.60	-25.32	1.05	-95.23	26.66	-42.15	-26.09	Vertical		
2	2368.00	-66.45	RMS	26.92	-24.49	0.85	-95.23	25.50	-13.00	-53.45	Vertical		
3	3152.00	-63.84	RMS	28.49	-23.49	0.86	-95.23	25.53	-13.00	-50.84	Vertical		

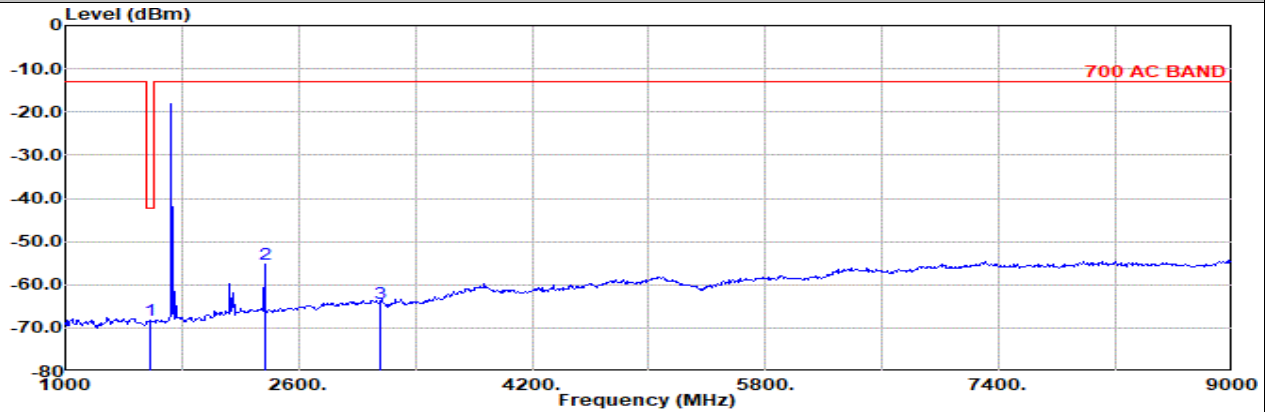


Ant 4+0

Part 90R Mode 32

EN-DC B14+n66 10M + 45M Ch23330 1RB0 QPSK + Ch349000 1RB1 BPSK

M



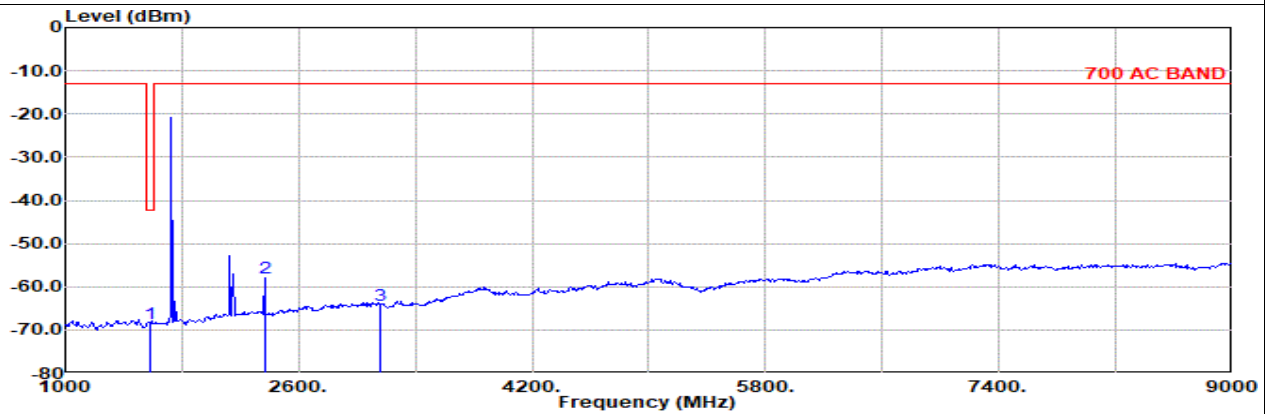
Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Horizontal

: LTE Band 14 10M Ch23330 1RB0 QPSK

: NR n66 45M Ch349000 1RB1 BPSK

	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	1577.00	-68.23	RMS	24.60	-25.32	1.05	-95.23	26.67	-42.15	-26.08 Horizontal
2	2365.00	-55.34	RMS	26.95	-24.49	0.85	-95.23	36.58	-13.00	-42.34 Horizontal
3	3154.00	-64.27	RMS	28.48	-23.49	0.86	-95.23	25.11	-13.00	-51.27 Horizontal



Site : 03CH22-HY

Condition: 700 AC BAND 3m DRH18-E_LE2C04A18EN_260520 Vertical

: LTE Band 14 10M Ch23330 1RB0 QPSK

: NR n66 45M Ch349000 1RB1 BPSK

	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	1577.00	-68.42	RMS	24.60	-25.32	1.05	-95.23	26.48	-42.15	-26.27 Vertical
2	2365.00	-57.94	RMS	26.95	-24.49	0.85	-95.23	33.98	-13.00	-44.94 Vertical
3	3154.00	-64.16	RMS	28.48	-23.49	0.86	-95.23	25.22	-13.00	-51.16 Vertical

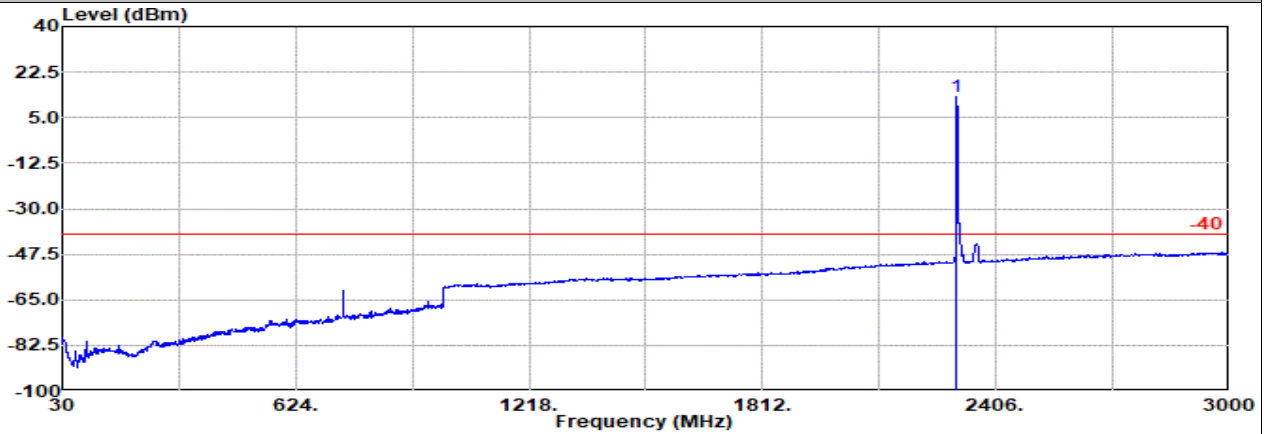


Ant 1

Part 27D Mode 50

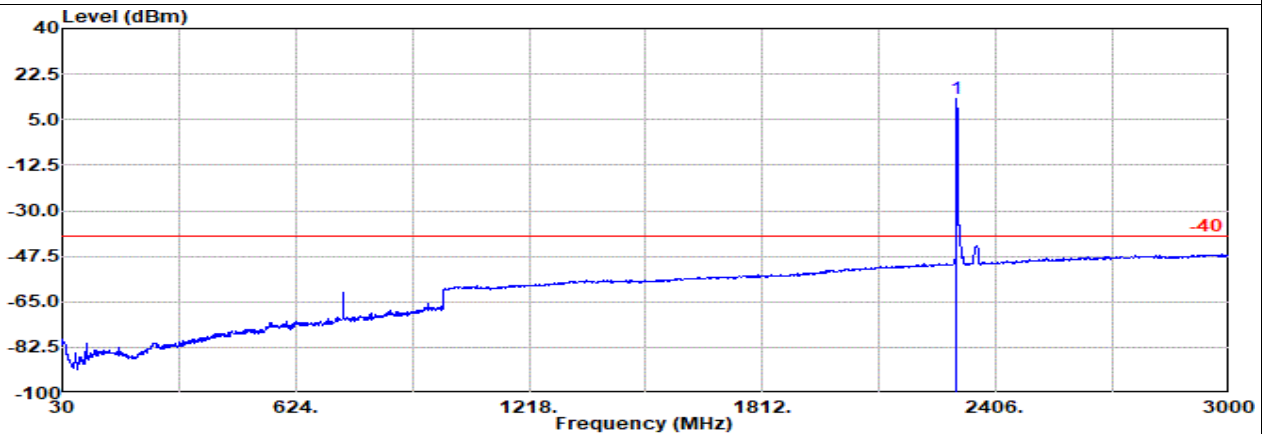
LTE B30 10M Ch27710 1RB0 QPSK

M



Site : 03CH22-HY
Condition: -40 3m Bilog_63304_251126 Horizontal
: LTE B30 10M Ch27710 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1	dB		dB	g		
1	2306.00	13.03	Average	27.10	8.00	0.57	-95.23	72.59	-40.00	53.03	Horizontal



Site : 03CH22-HY
Condition: -40 3m Bilog_63304_251126 Horizontal
: LTE B30 10M Ch27710 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1	dB		g	dBm		
1	2306.00	13.03	Average	27.10	8.00	0.57	-95.23	72.59	-40.00	53.03	Horizontal