

Orthogonal Axis: X
Test Mode: TX G MODE 2437MHz

Vertical



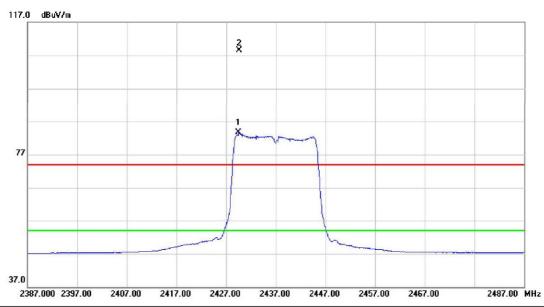
No.	MŁ	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4874.000	29.13	6.55	35.68	54.00	-18.32	AVG	
2		4874.280	40.69	6.55	47.24	74.00	-26.76	peak	

Report No.: BTL-FCCP-1-1407C118 Page 61 of 108



Test Mode: TX G MODE 2437MHz

Horizontal



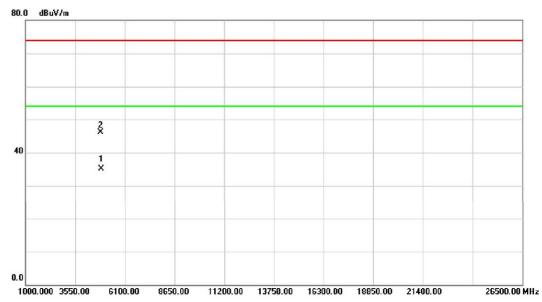
No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	Χ	2429.500	50.14	33.48	83.62	54.00	29.62	AVG	no limit	
2	*	2429.600	75.00	33.48	108.48	74.00	34.48	peak	no limit	

Report No.: BTL-FCCP-1-1407C118 Page 62 of 108



Orthogonal Axis: X
Test Mode: TX G MODE 2437MHz

Horizontal



No.	M	۲.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	48	74.130	28.48	6.55	35.03	54.00	-18.97	AVG	
2		48	74.280	39.65	6.55	46.20	74.00	-27.80	peak	

Report No.: BTL-FCCP-1-1407C118 Page 63 of 108



Orthogonal Axis: X
Test Mode: TX G MODE 2462MHz

Vertical 117.0 dBuV/m 77 2 3 4 4

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2467.100	69.42	33.57	102.99	74.00	28.99	peak	no limit
2	Χ	2469.300	44.72	33.59	78.31	54.00	24.31	AVG	no limit
3		2483.500	24.90	33.62	58.52	74.00	-15.48	peak	
4		2483.500	13.83	33.62	47.45	54.00	-6.55	AVG	

2482.00

2492.00

2512.00 MHz

37.0

2412.000 2422.00

2432.00

2442.00

2452.00

Report No.: BTL-FCCP-1-1407C118 Page 64 of 108



Orthogonal Axis: X
Test Mode: TX G MODE 2462MHz

Vertical



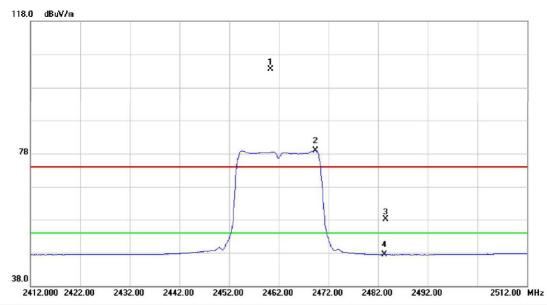
No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.240	27.86	6.66	34.52	54.00	-19.48	AVG	
2		4923.610	39.35	6.66	46.01	74.00	-27.99	peak	

Report No.: BTL-FCCP-1-1407C118 Page 65 of 108



Test Mode: TX G MODE 2462MHz

Horizontal



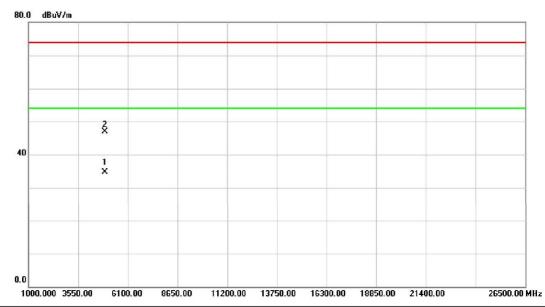
No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	2460.300	69.96	33.56	103.52	74.00	29.52	peak	no limit	
2	Χ	2469.400	45.37	33.59	78.96	54.00	24.96	AVG	no limit	
3		2483.500	24.43	33.62	58.05	74.00	-15.95	peak		
4		2483.500	13.81	33.62	47.43	54.00	-6.57	AVG		

Report No.: BTL-FCCP-1-1407C118 Page 66 of 108



Test Mode: TX G MODE 2462MHz

Horizontal



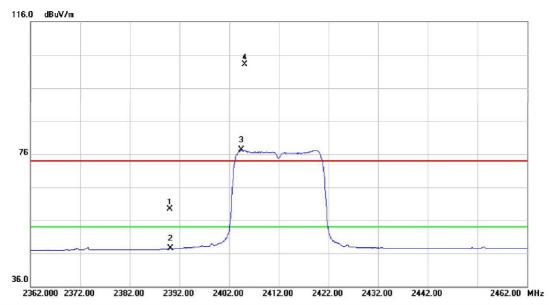
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.960	28.05	6.66	34.71	54.00	-19.29	AVG	
2		4924.640	40.21	6.66	46.87	74.00	-27.13	peak	

Report No.: BTL-FCCP-1-1407C118 Page 67 of 108



Orthogonal Axis: X Test Mode: TX N-20M MODE 2412MHz

Vertical



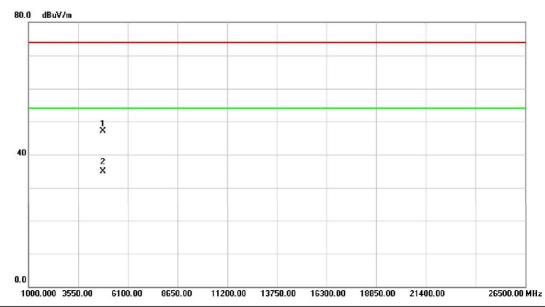
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	25.87	33.38	59.25	74.00	-14.75	peak	
2		2390.000	14.07	33.38	47.45	54.00	-6.55	AVG	
3	Χ	2404.400	43.88	33.42	77.30	54.00	23.30	AVG	no lim it
4	*	2405.100	69.63	33.42	103.05	74.00	29.05	peak	no limit

Report No.: BTL-FCCP-1-1407C118 Page 68 of 108



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2412MHz

Vertical



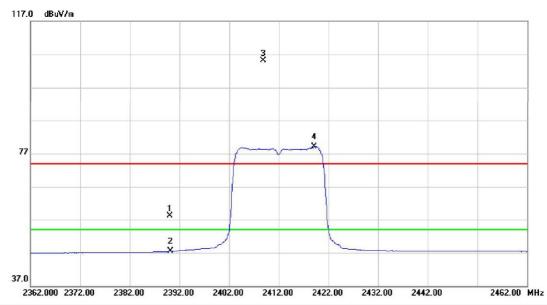
No.	M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4823.870	40.64	6.44	47.08	74.00	-26.92	peak	
2	*	4824.140	28.45	6.44	34.89	54.00	-19.11	AVG	

Report No.: BTL-FCCP-1-1407C118 Page 69 of 108



Test Mode: TX N-20M MODE 2412MHz

Horizontal



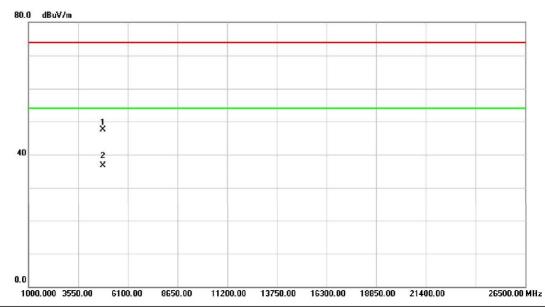
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.74	33.38	58.12	74.00	-15.88	peak	
2		2390.000	14.06	33.38	47.44	54.00	-6.56	AVG	
3	*	2408.800	71.62	33.43	105.05	74.00	31.05	peak	no limit
4	Χ	2419.100	45.69	33.46	79.15	54.00	25.15	AVG	no li mit

Report No.: BTL-FCCP-1-1407C118 Page 70 of 108



Test Mode: TX N-20M MODE 2412MHz

Horizontal



No.	M	k. Freq	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	41.16	6.44	47.60	74.00	-26.40	peak	
2	*	4824.270	30.26	6.44	36.70	54.00	-17.30	AVG	

Report No.: BTL-FCCP-1-1407C118 Page 71 of 108



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2437MHz

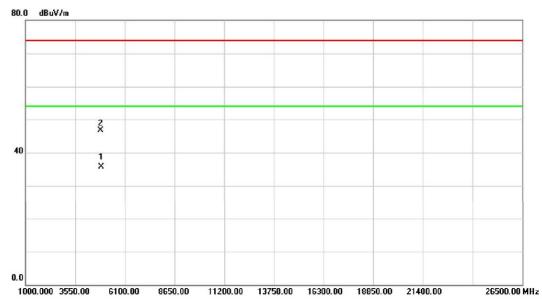
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	Χ	2429.200	44.03	33.48	77.51	54.00	23.51	AVG	no limit	
2	*	2439.100	69.10	33.51	102.61	74.00	28.61	peak	no limit	

Report No.: BTL-FCCP-1-1407C118 Page 72 of 108



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2437MHz

Vertical



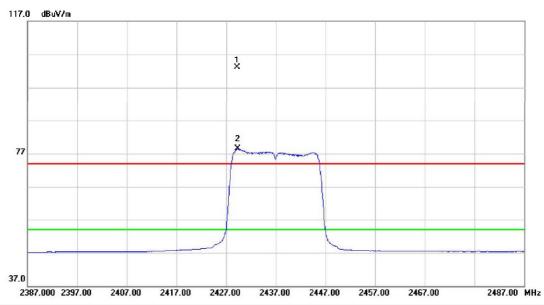
No.	Mk	ζ.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	487	4.760	29.07	6.55	35.62	54.00	-18.38	AVG	
2		487	4.920	40.23	6.55	46.78	74.00	-27.22	peak	

Report No.: BTL-FCCP-1-1407C118 Page 73 of 108



Test Mode: TX N-20M MODE 2437MHz

Horizontal



No.	М	c. Fre	eq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MH	łz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2429.2	:00	69.69	33.48	103.17	74.00	29.17	peak	no limit
2	Х	2429.3	00	44.97	33.48	78.45	54.00	24.45	AVG	no limit

Report No.: BTL-FCCP-1-1407C118 Page 74 of 108



Test Mode: TX N-20M MODE 2437MHz

Horizontal



No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4874.000	28.46	6.55	35.01	54.00	-18.99	AVG	
2		4874.090	39.60	6.55	46.15	74.00	-27.85	peak	

Report No.: BTL-FCCP-1-1407C118 Page 75 of 108



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2462MHz

78 2 38.0 2412.000 2422.00 2432.00 2442.00 2452.00 2462.00 2472.00 2482.00 2492.00 2512.00 MHz

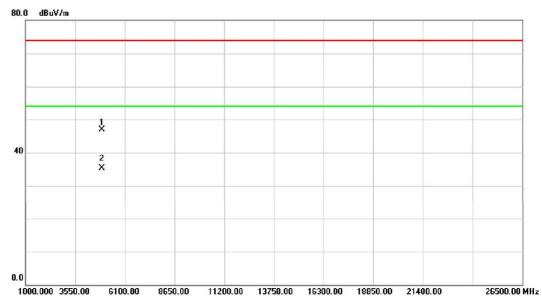
No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.300	68.99	33.57	102.56	74.00	28.56	peak	no limit
2	Χ	2469.400	42.67	33.59	76.26	54.00	22.26	AVG	no limit
3		2483.500	24.94	33.62	58.56	74.00	-15.44	peak	
4		2483.500	13.78	33.62	47.40	54.00	-6.60	AVG	

Report No.: BTL-FCCP-1-1407C118 Page 76 of 108



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2462MHz

Vertical



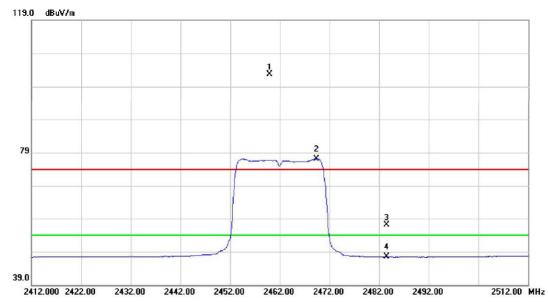
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.580	40.29	6.66	46.95	74.00	-27.05	peak	
2	*	4924.700	28.72	6.66	35.38	54.00	-18.62	AVG	

Report No.: BTL-FCCP-1-1407C118 Page 77 of 108



Test Mode: TX N-20M MODE 2462MHz

Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	2459.900	69.13	33.56	102.69	74.00	28.69	peak	no limit	
2	Χ	2469.400	43.59	33.59	77.18	54.00	23.18	AVG	no limit	
3		2483.500	23.53	33.62	57.15	74.00	-16.85	peak		
4		2483.500	13.82	33.62	47.44	54.00	-6.56	AVG		

Report No.: BTL-FCCP-1-1407C118 Page 78 of 108



Test Mode: TX N-20M MODE 2462MHz

Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4924.640	28.13	6.66	34.79	54.00	-19.21	AVG	
2		4924.850	39.51	6.66	46.17	74.00	-27.83	peak	

Report No.: BTL-FCCP-1-1407C118 Page 79 of 108



ATTACHMENT E - BANDWIDTH

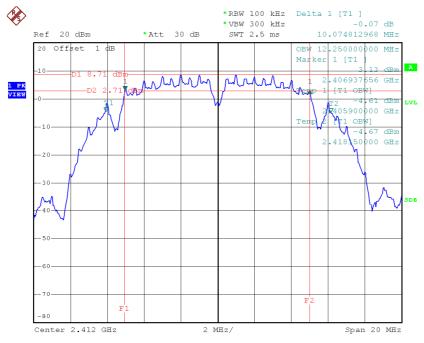
Report No.: BTL-FCCP-1-1407C118 Page 80 of 108



Test Mode: TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	10.07	12.25	500	Complies
2437	9.58	12.25	500	Complies
2462	9.63	12.25	500	Complies

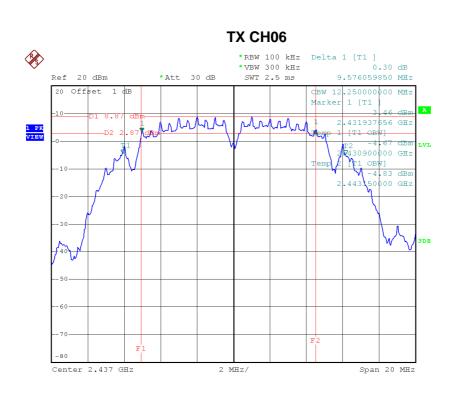
TX CH01



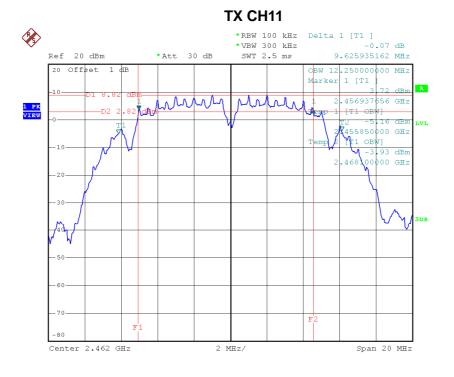
Date: 21.JUL.2014 20:10:36

Report No.: BTL-FCCP-1-1407C118 Page 81 of 108





Date: 21.JUL.2014 20:13:11



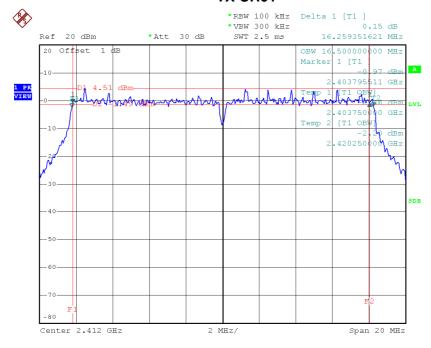
Date: 21.JUL.2014 20:15:11



Test Mode: TX G Mode_CH01/06/11

Frequency	6dB Bandwidth	99% Occupied BW	Min. Limit	Test Result
(MHz)	(MHz)	(MHz)	(kHz)	
2412	16.26	16.50	500	Complies
2437	16.41	16.50	500	Complies
2462	16.48	16.48	500	Complies

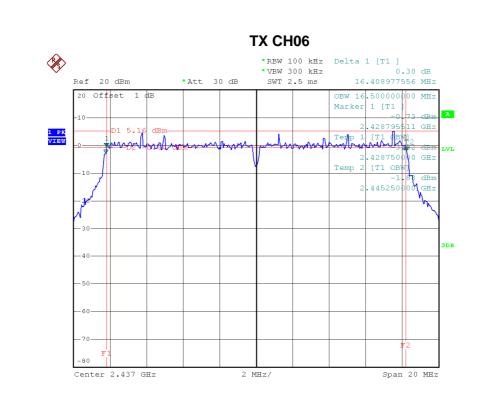
TX CH01



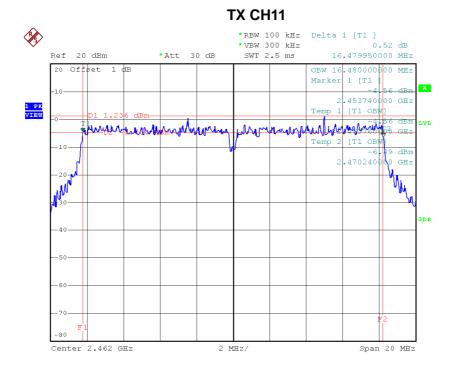
Date: 21.JUL.2014 20:20:46

Report No.: BTL-FCCP-1-1407C118 Page 83 of 108





Date: 21.JUL.2014 20:23:08



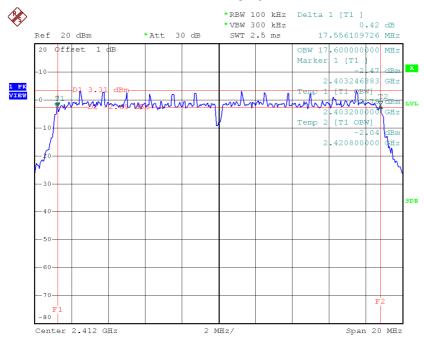
Date: 13.0CT.2014 10:56:20



Test Mode: TX N-20MHz Mode_CH01/06/11

Frequency	6dB Bandwidth	BW	Min. Limit	Test Result
(MHz)	(MHz)	(MHz)	(kHz)	
2412	17.56	17.60	500	Complies
2437	17.36	17.60	500	Complies
2462	17.61	17.60	500	Complies

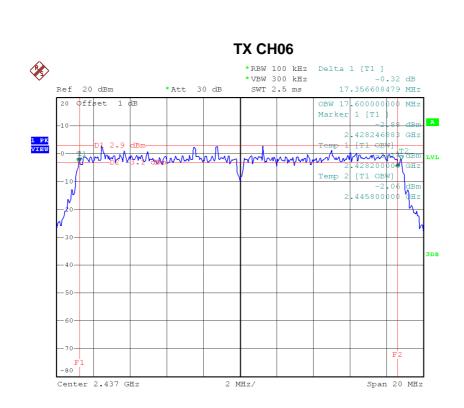
TX CH01



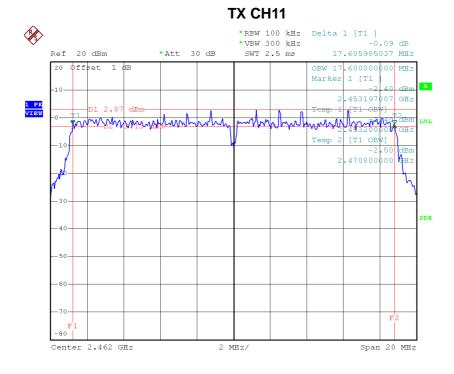
Date: 21.JUL.2014 20:31:54

Report No.: BTL-FCCP-1-1407C118 Page 85 of 108





Date: 21.JUL.2014 20:34:34



Date: 21.JUL.2014 20:37:00



ATTTACHMENT F - MAXIMUM PEAK CONDUCTED OUTPUT POWER

Report No.: BTL-FCCP-1-1407C118 Page 87 of 108



		Test Mode : TX	K B Mode		
Frequency (MHz)	Peak Conducted Power (dBm)	Peak Conducted Power (W)	Max. Limit(dBm)	Max. Limit(W)	Result
2412	19.85	0.0966	30.00	1.00	Complies
2437	19.96	0.0991	30.00	1.00	Complies
2462	20.03	0.1007	30.00	1.00	Complies

		Test Mode : TX	K G Mode		
Frequency (MHz)	Peak Conducted Power (dBm)	Peak Conducted Power (W)	Max. Limit(dBm)	Max. Limit(W)	Result
2412	21.76	0.1500	30.00	1.00	Complies
2437	22.01	0.1589	30.00	1.00	Complies
2462	22.02	0.1592	30.00	1.00	Complies

		Test Mode: TX N	I-20M Mode		
Frequency (MHz)	Peak Conducted Power (dBm)	Peak Conducted Power (W)	Max. Limit(dBm)	Max. Limit(W)	Result
2412	20.41	0.1099	30.00	1.00	Complies
2437	20.74	0.1186	30.00	1.00	Complies
2462	20.87	0.1222	30.00	1.00	Complies

Report No.: BTL-FCCP-1-1407C118 Page 88 of 108



ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

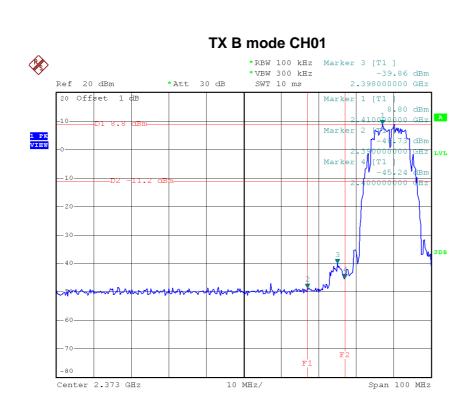
Report No.: BTL-FCCP-1-1407C118 Page 89 of 108



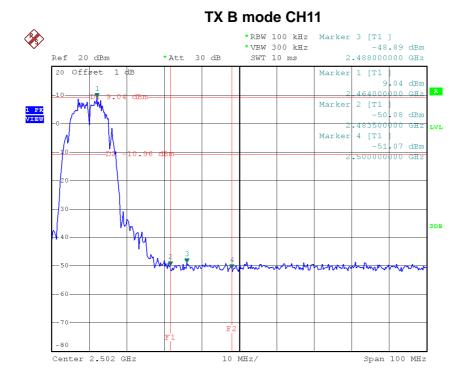
est Mode :	TX B Mode	

Report No.: BTL-FCCP-1-1407C118 Page 90 of 108





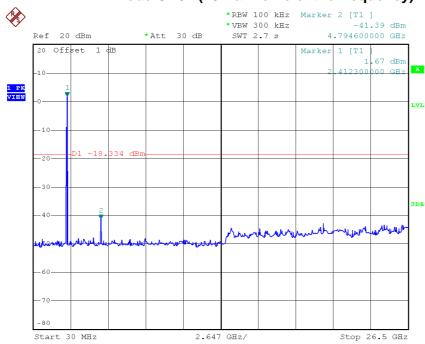
Date: 21.JUL.2014 20:11:00



Date: 21.JUL.2014 20:15:28

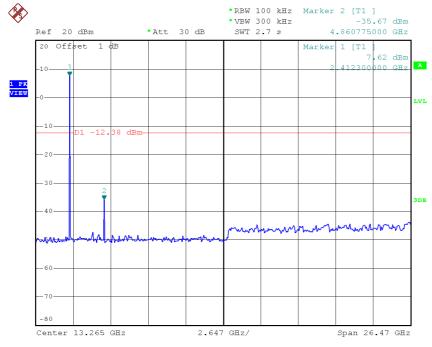






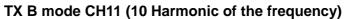
Date: 9.SEP.2014 14:05:16

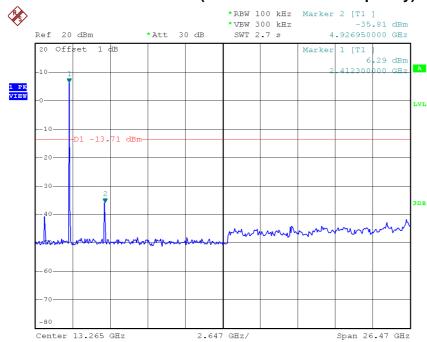
TX B mode CH06 (10 Harmonic of the frequency)



Date: 21.JUL.2014 20:12:48







Date: 21.JUL.2014 20:14:45

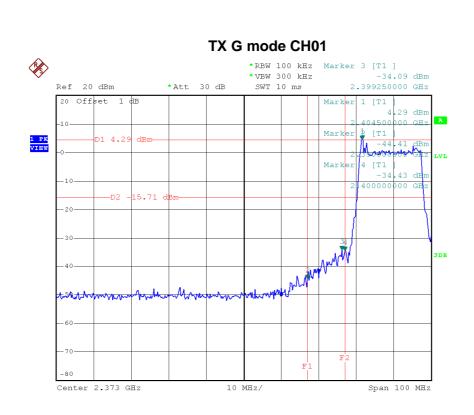
Report No.: BTL-FCCP-1-1407C118 Page 93 of 108

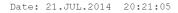


Test Mode : T	X G Mode			

Report No.: BTL-FCCP-1-1407C118 Page 94 of 108







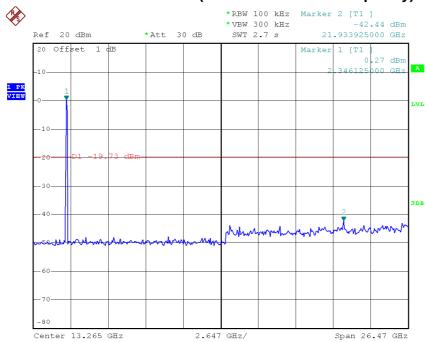
Date: 21.JUL.2014 20:25:37

TX G mode CH11 *RBW 100 kHz Marker 3 [T1] *VBW 300 kHz -39.30 dBm SWT 10 ms 2.483500000 GHz Ref 20 dBm *Att 30 dB 20 Offset 1 dB Marker 1 [T1] 4.51 dBm Marker 2 [T1 | -39 30 dBm 1 PK VIEW 483500000 GHZ Marker 4 [T1] -50.76 dBm .500000000 GHz 15.49 d 3DB Center 2.502 GHz Span 100 MHz

Report No.: BTL-FCCP-1-1407C118

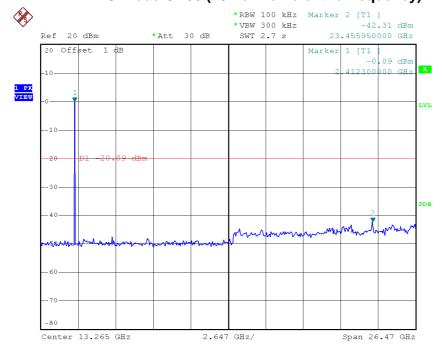






Date: 21.JUL.2014 20:20:21

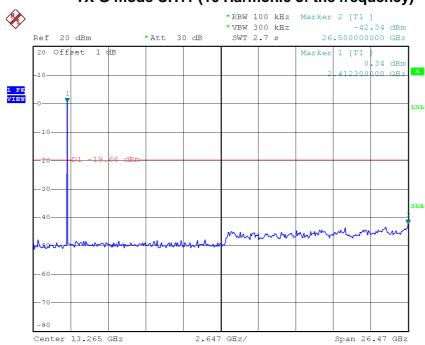
TX G mode CH06 (10 Harmonic of the frequency)



Date: 21.JUL.2014 20:22:42



TX G mode CH11 (10 Harmonic of the frequency)



Date: 21.JUL.2014 20:24:47

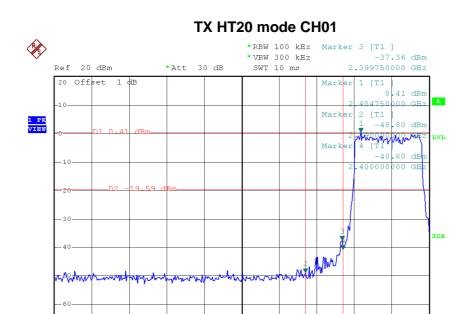
Report No.: BTL-FCCP-1-1407C118 Page 97 of 108



Test Mode :	TX N-20M Mode

Report No.: BTL-FCCP-1-1407C118 Page 98 of 108





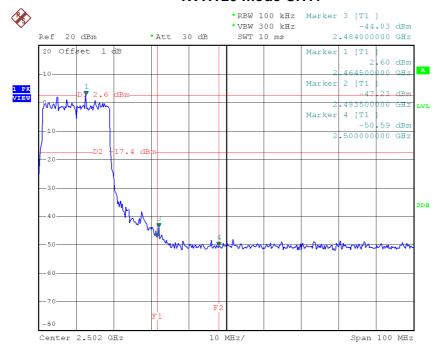
Date: 21.JUL.2014 20:32:09

Center 2.373 GHz

TX HT20 mode CH11

Span 100 MHz

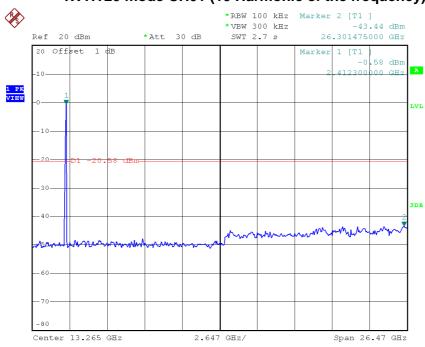
10 MHz/



Date: 21.JUL.2014 20:37:19

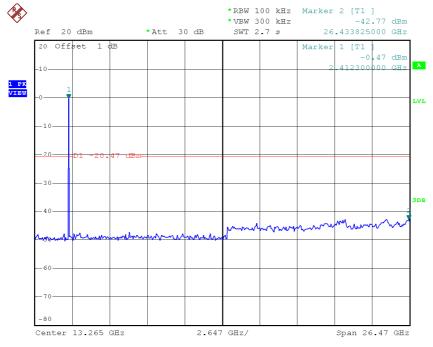






Date: 21.JUL.2014 20:31:16

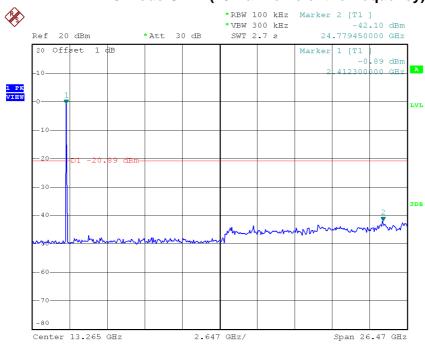
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 21.JUL.2014 20:34:13



TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 21.JUL.2014 20:36:39

Report No.: BTL-FCCP-1-1407C118 Page 101 of 108



ATTACHMENT H - POWER SPECTRAL DENSITY				

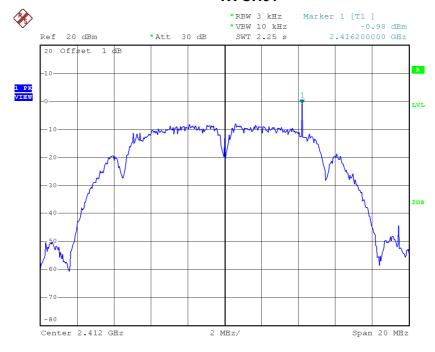
Report No.: BTL-FCCP-1-1407C118 Page 102 of 108



Test Mode: TX B Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm)	Result
2412	-0.98	0.80	8.00	Complies
2437	-5.16	0.30	8.00	Complies
2462	-1.41	0.72	8.00	Complies

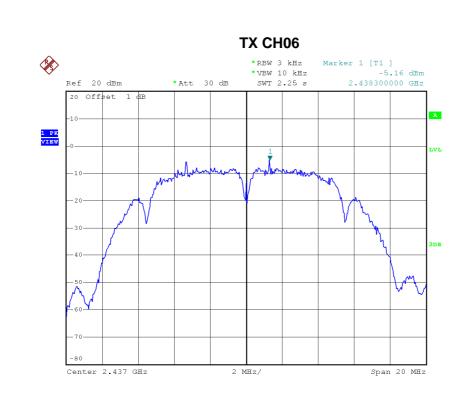
TX CH01



Date: 21.JUL.2014 20:11:47

Report No.: BTL-FCCP-1-1407C118 Page 103 of 108





Date: 21.JUL.2014 20:13:32

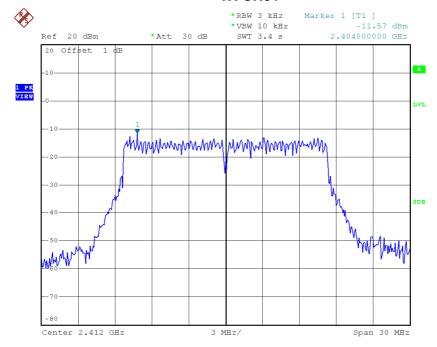
Date: 21.JUL.2014 20:15:52



Test Mode :TX G Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm)	Result
2412	-11.57	0.07	8.00	Complies
2437	-13.10	0.05	8.00	Complies
2462	-11.25	0.07	8.00	Complies

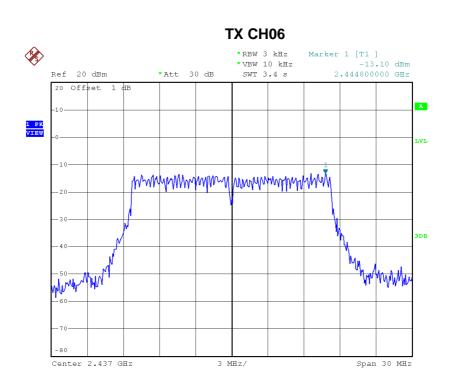
TX CH01



Date: 21.JUL.2014 20:21:31

Report No.: BTL-FCCP-1-1407C118 Page 105 of 108





Date: 21.JUL.2014 20:23:30

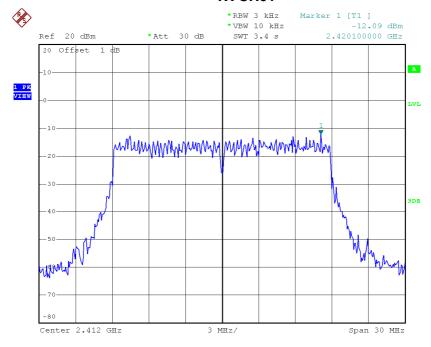
Date: 21.JUL.2014 20:26:04



Test Mode: TX N-20M Mode_CH01/06/11

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm)	Result
2412	-12.09	0.06	8.00	Complies
2437	-11.79	0.07	8.00	Complies
2462	-11.73	0.07	8.00	Complies

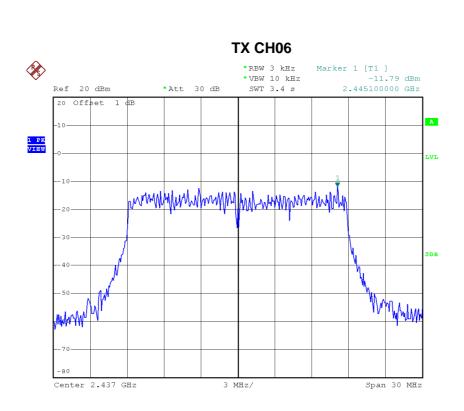
TX CH01



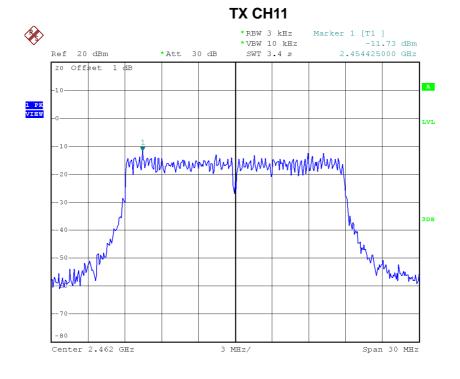
Date: 21.JUL.2014 20:32:48

Report No.: BTL-FCCP-1-1407C118 Page 107 of 108





Date: 21.JUL.2014 20:35:01



Date: 21.JUL.2014 20:37:57