

Test Report No.50104140 001

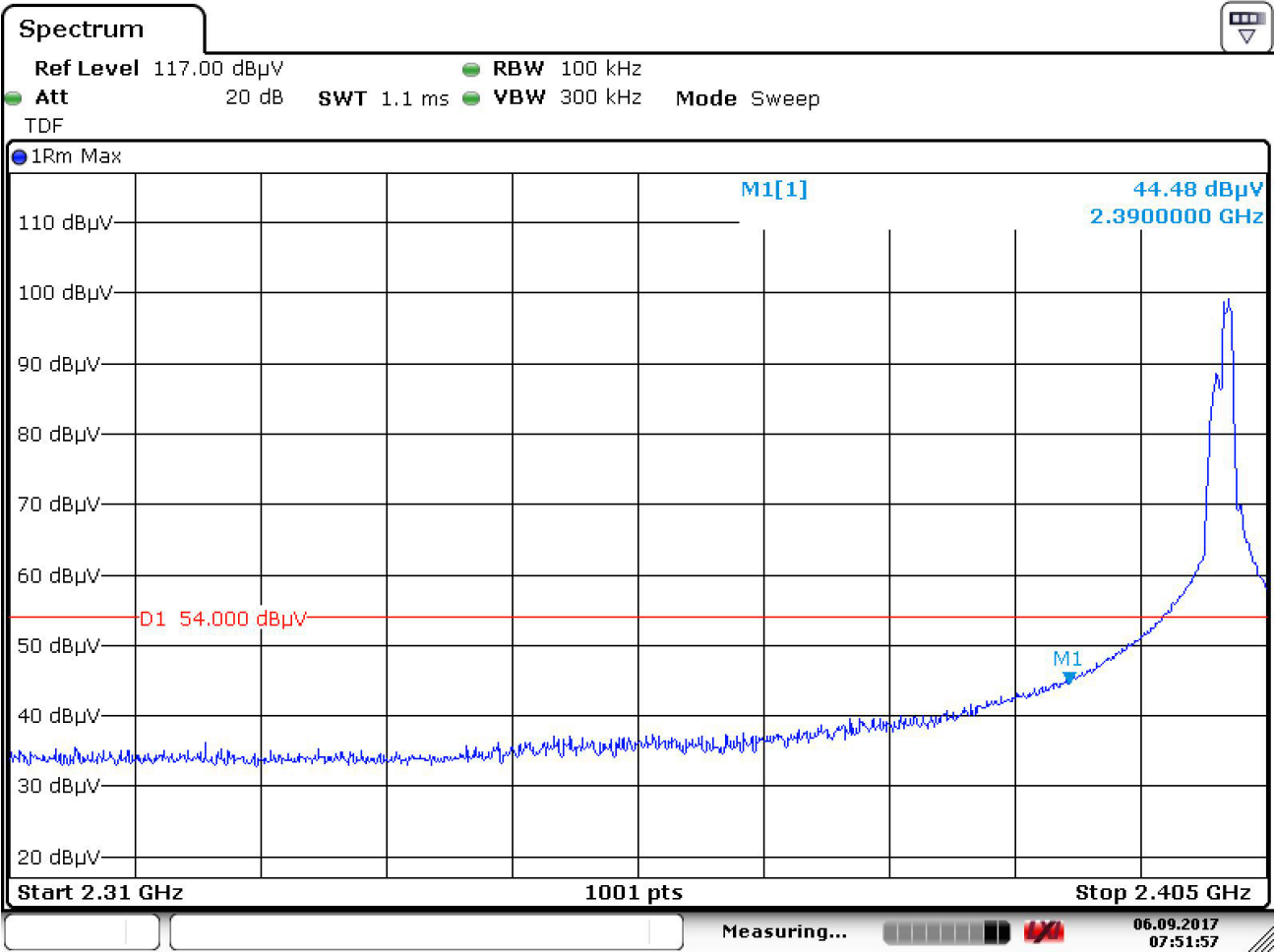
Appendix D: Radiated and Mains Spurious Emission Data

(File: 50104140AppendixD)

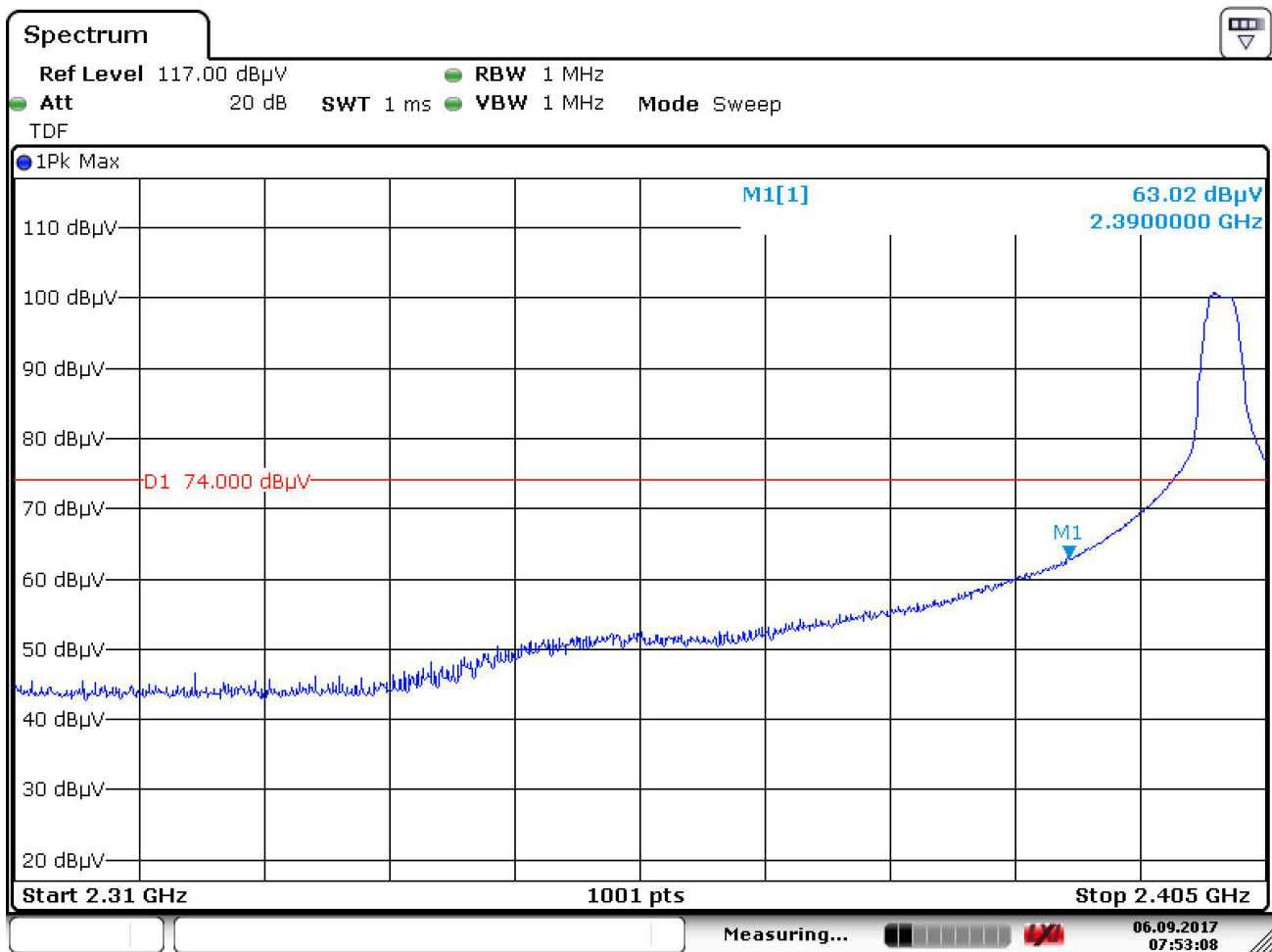
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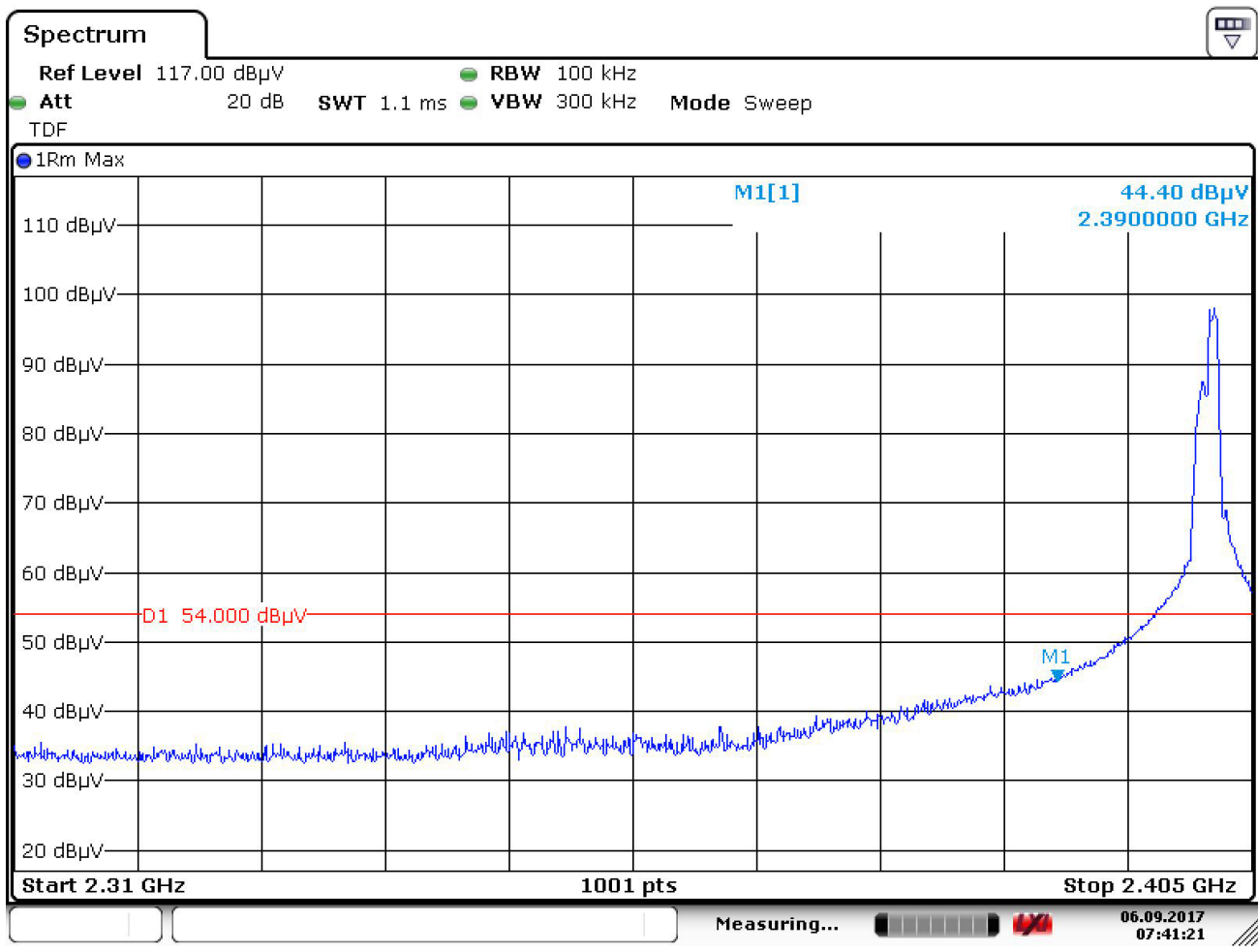
Spurious Emissions, Band Edges, 2.35-2.5G



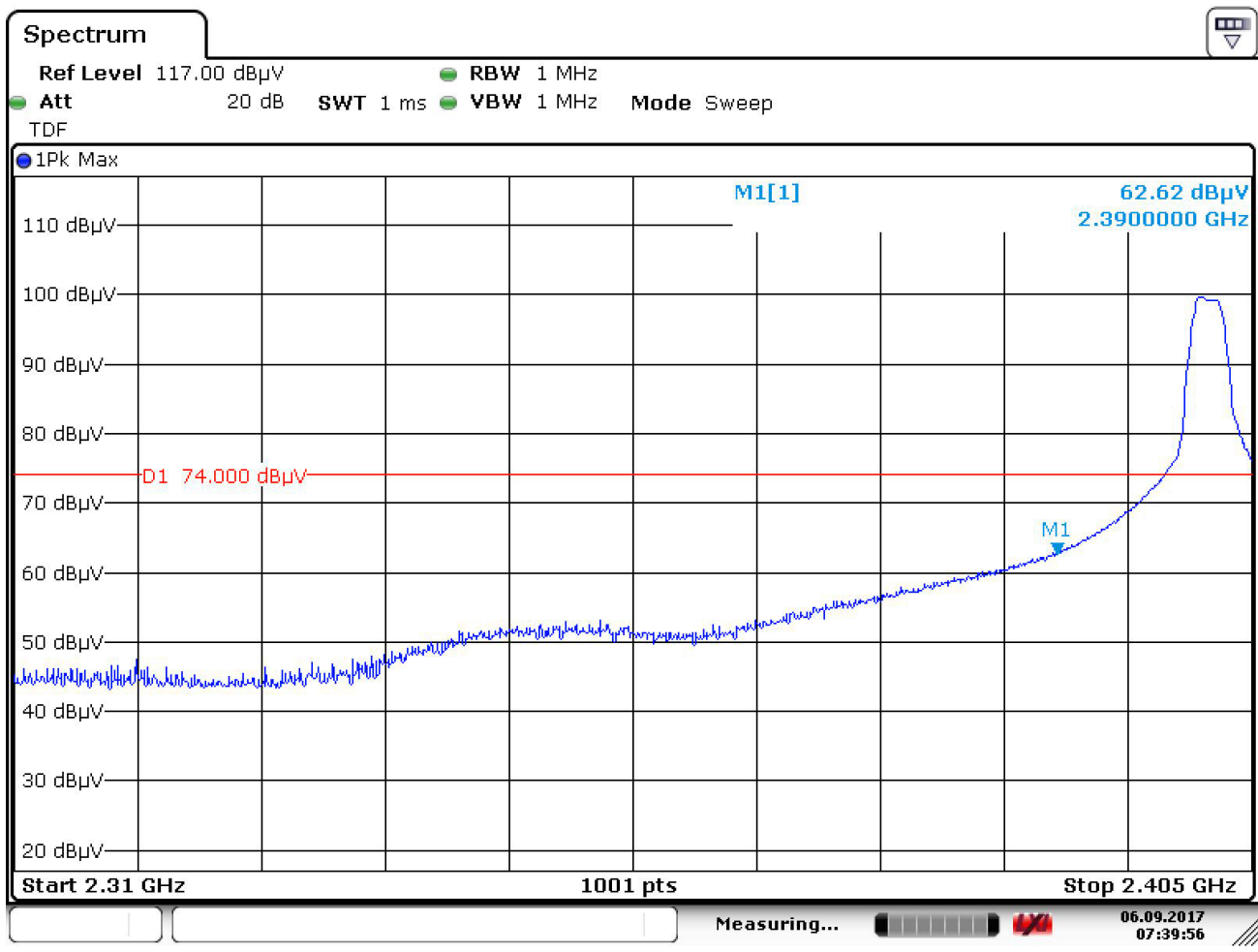
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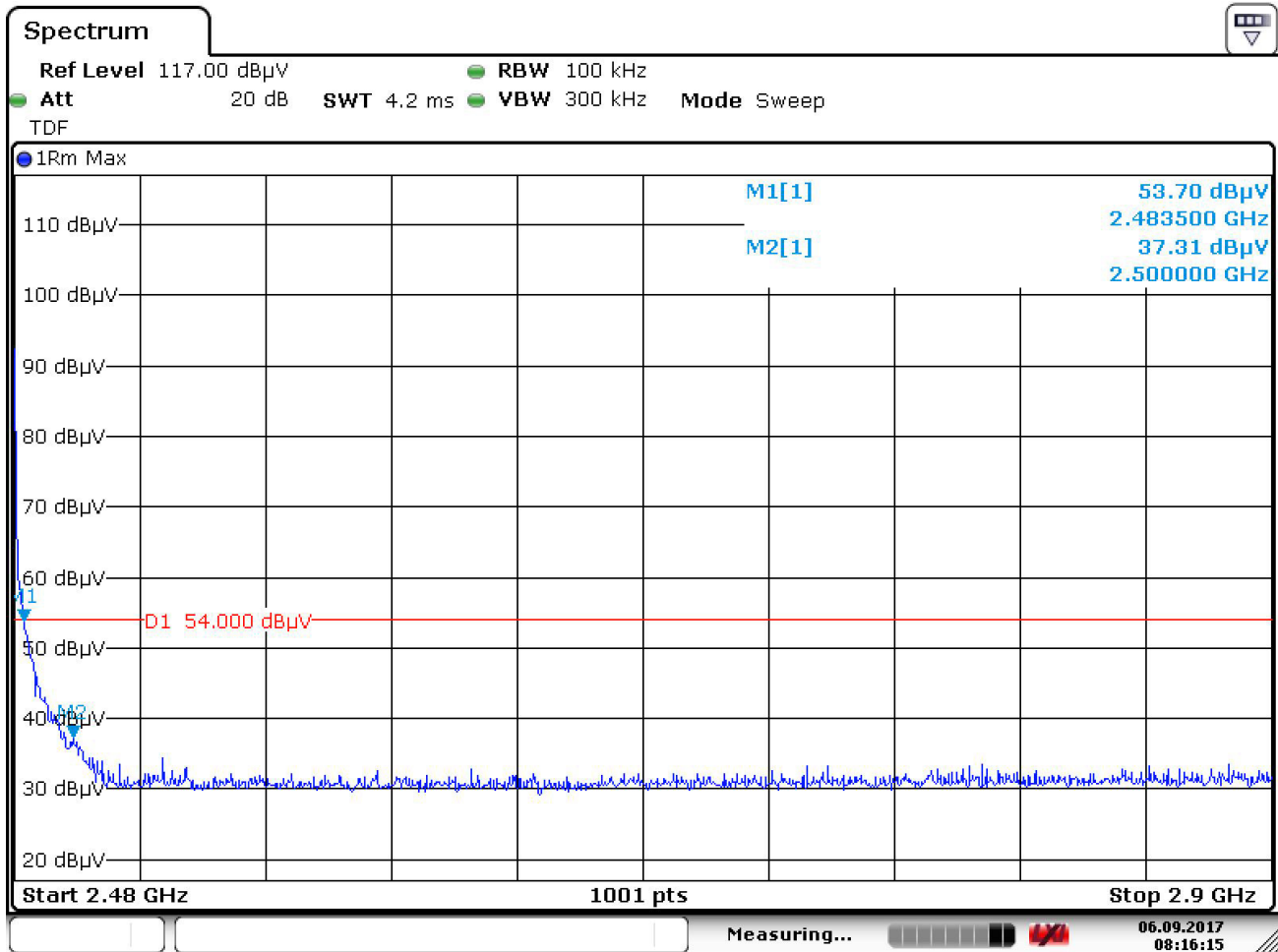
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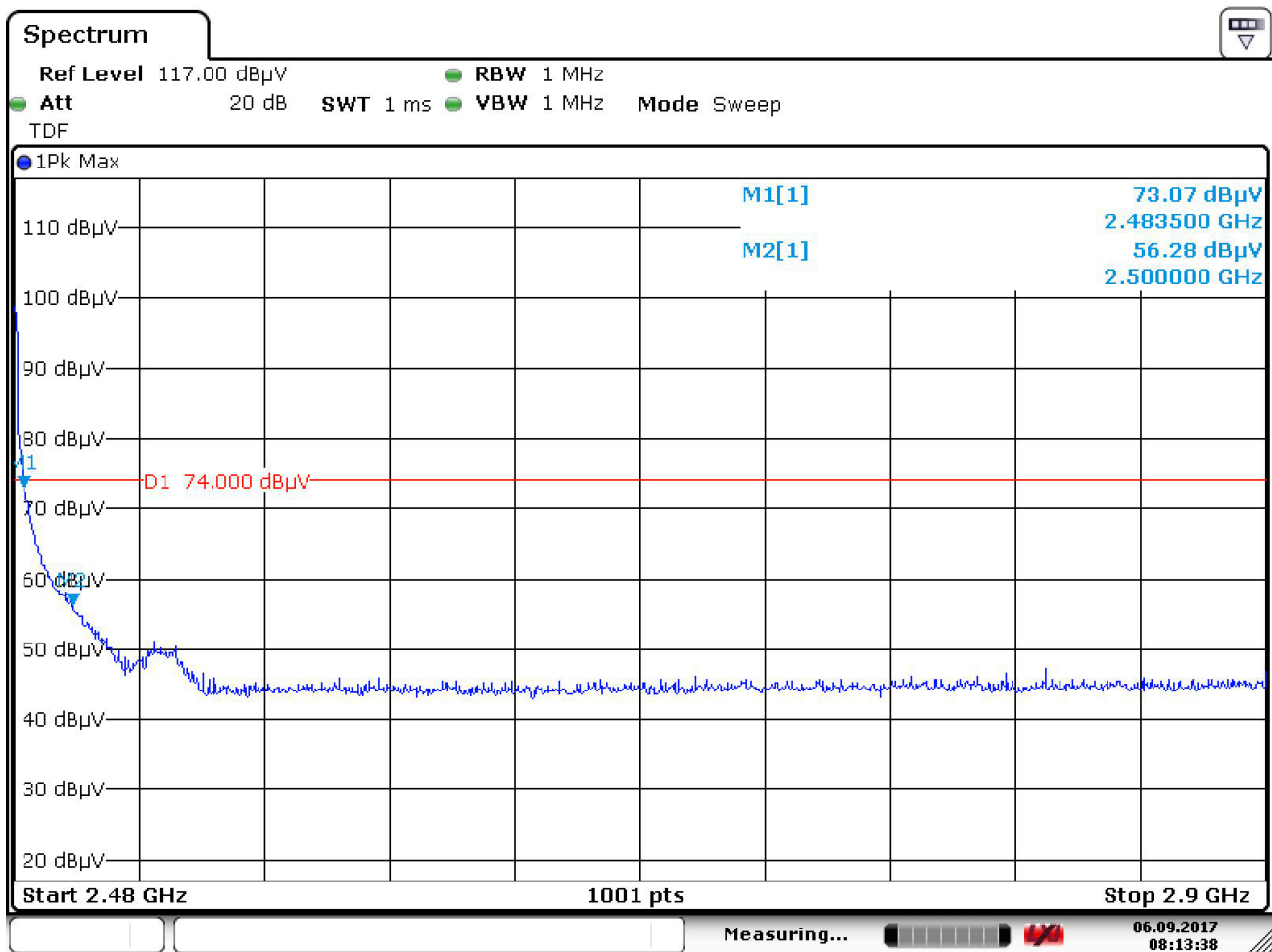
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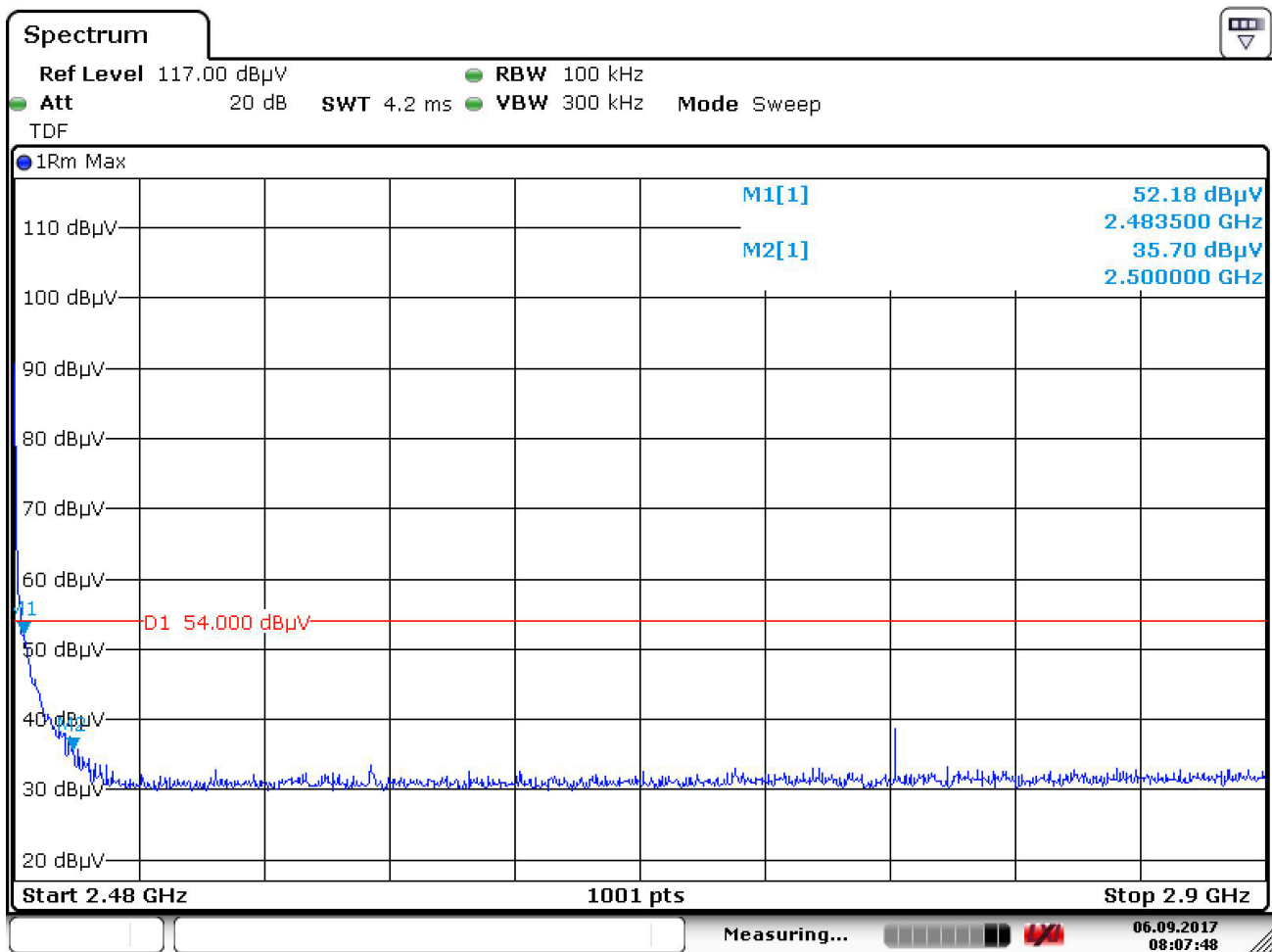
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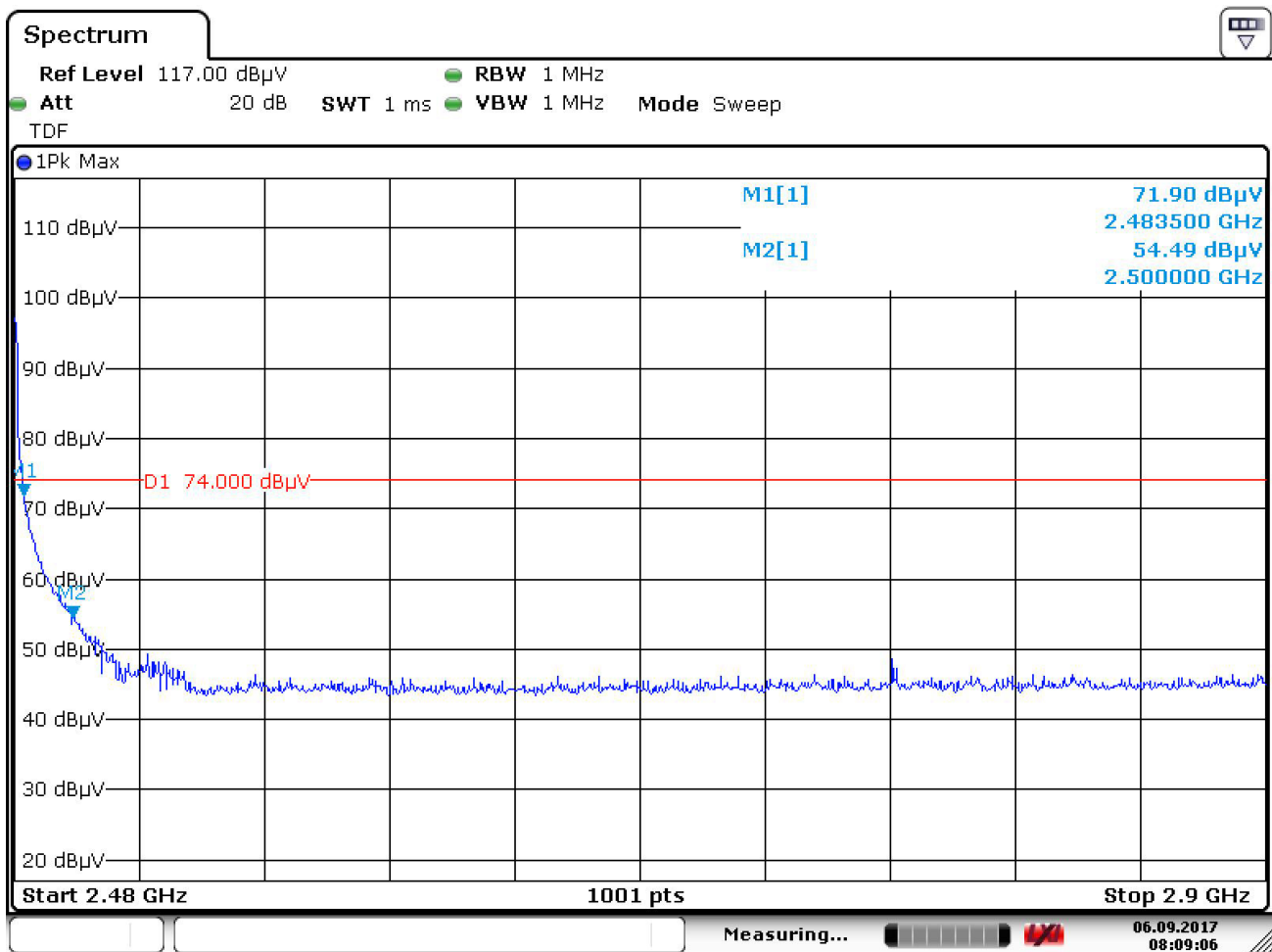
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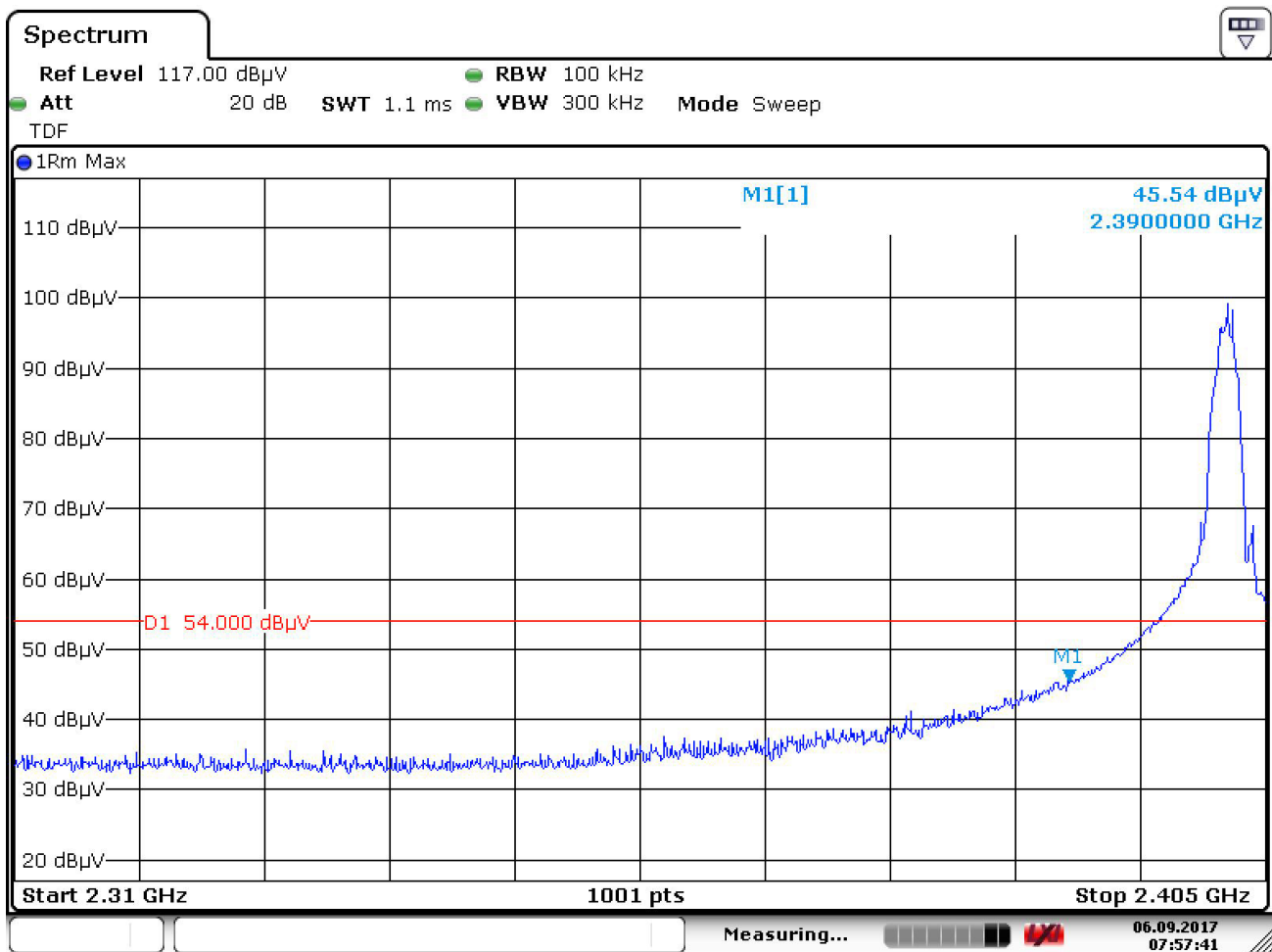
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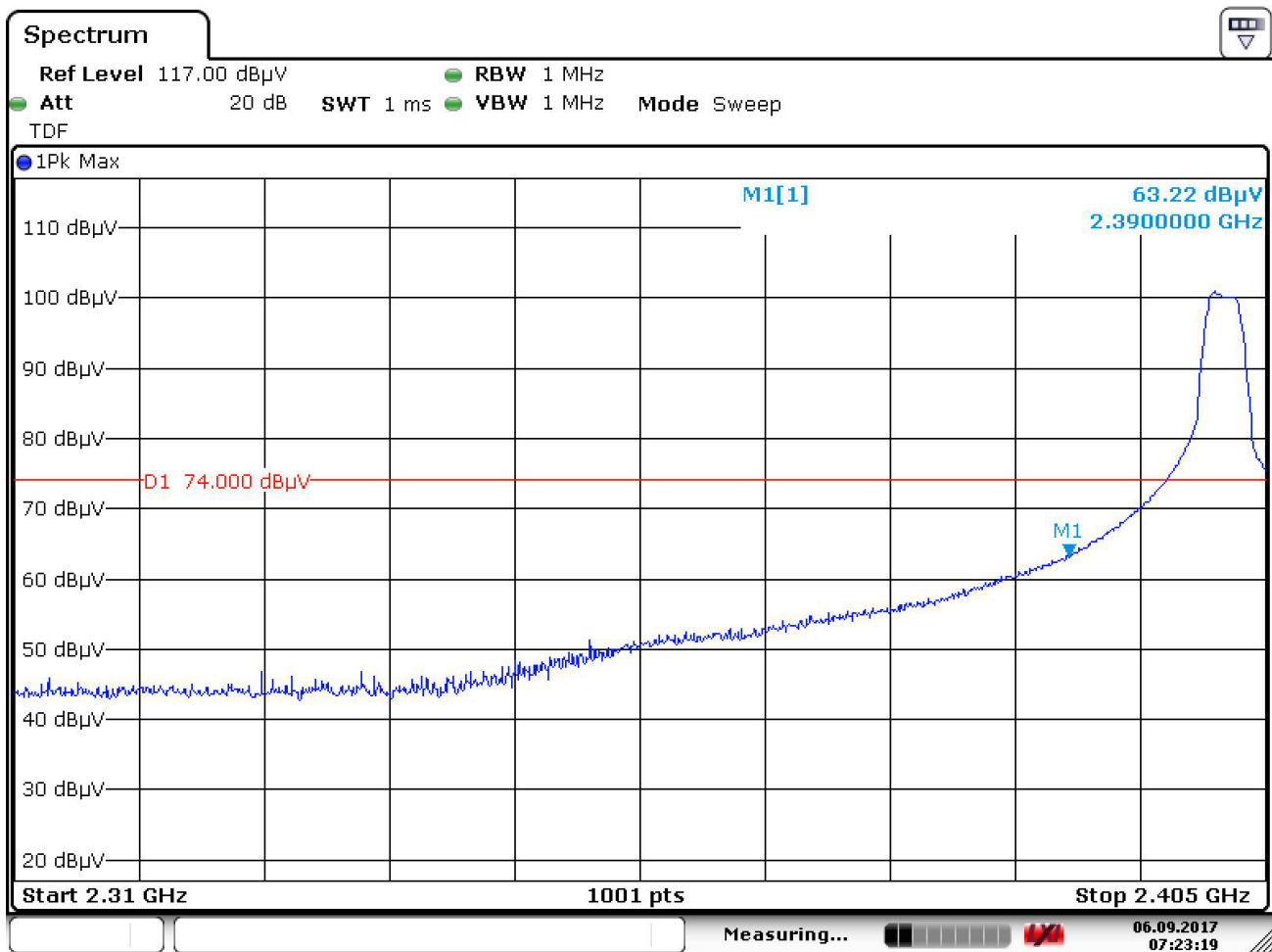
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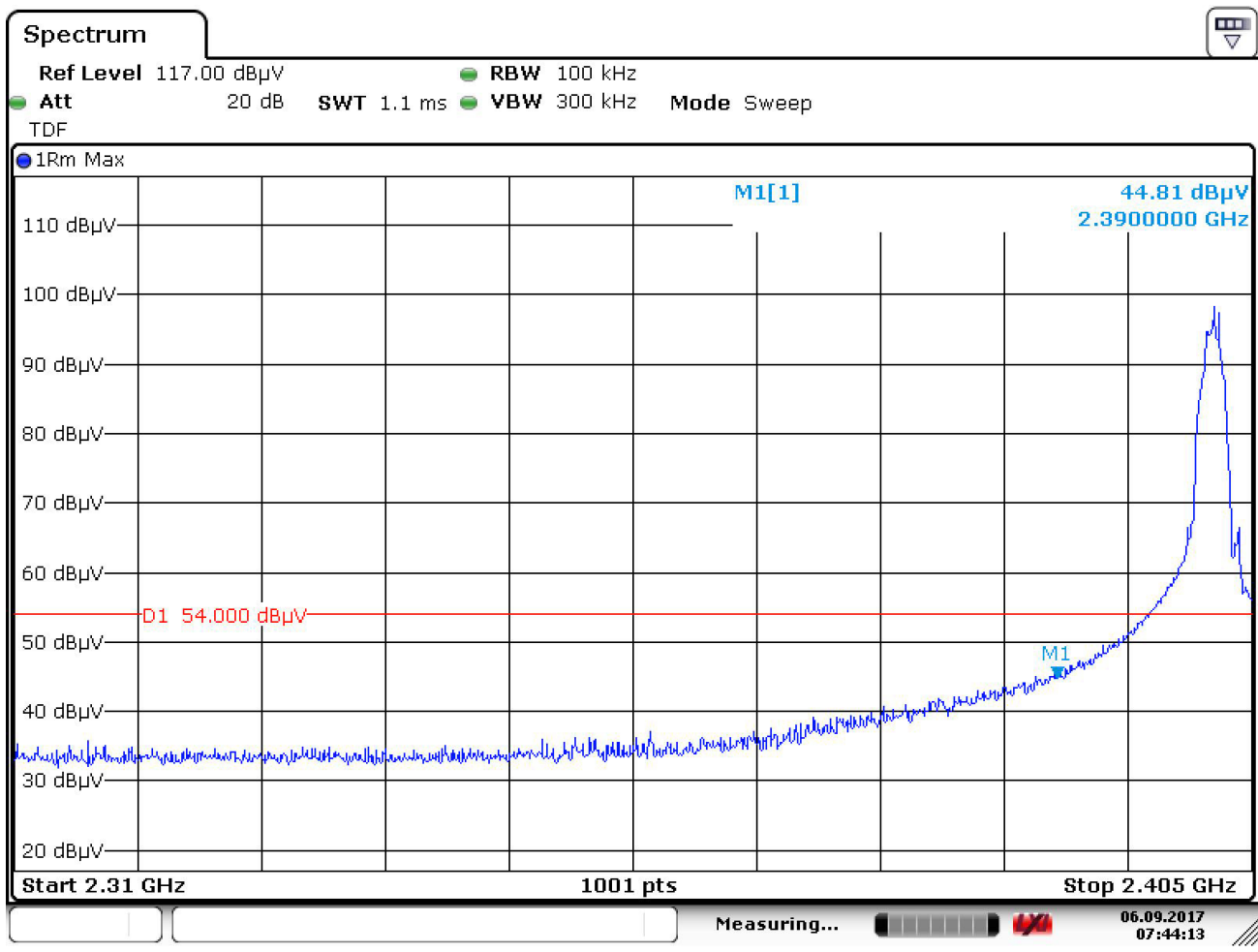
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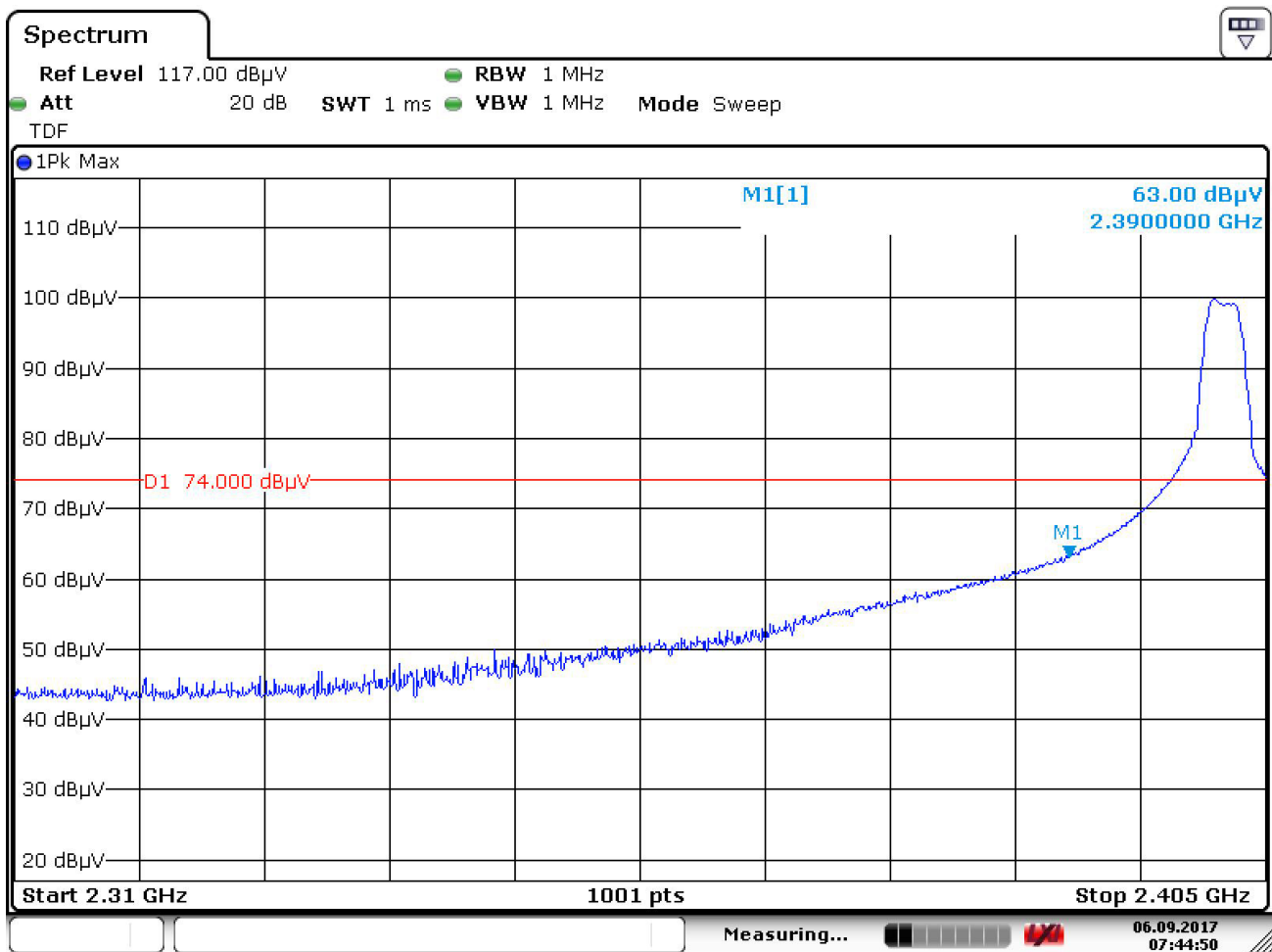
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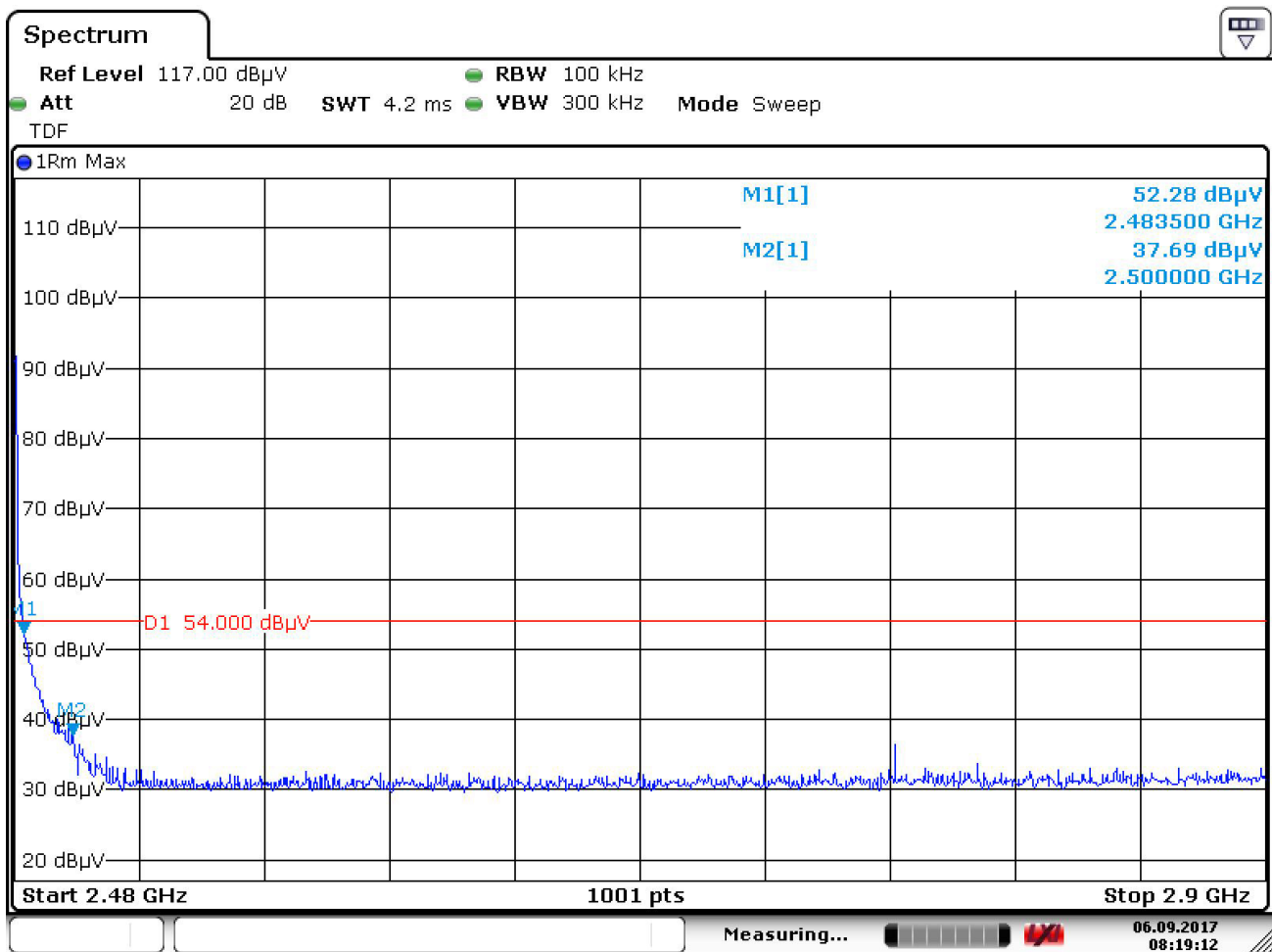
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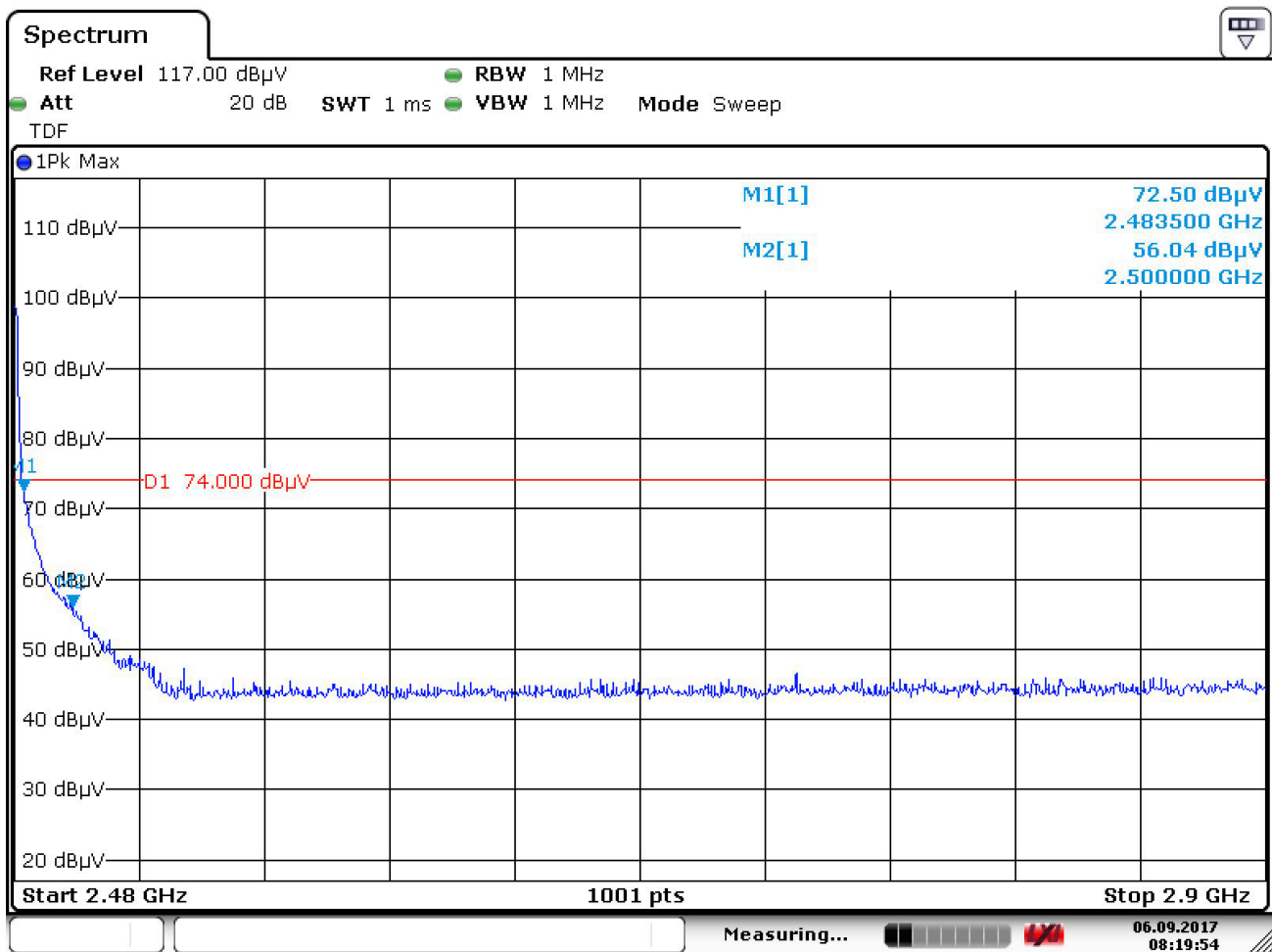
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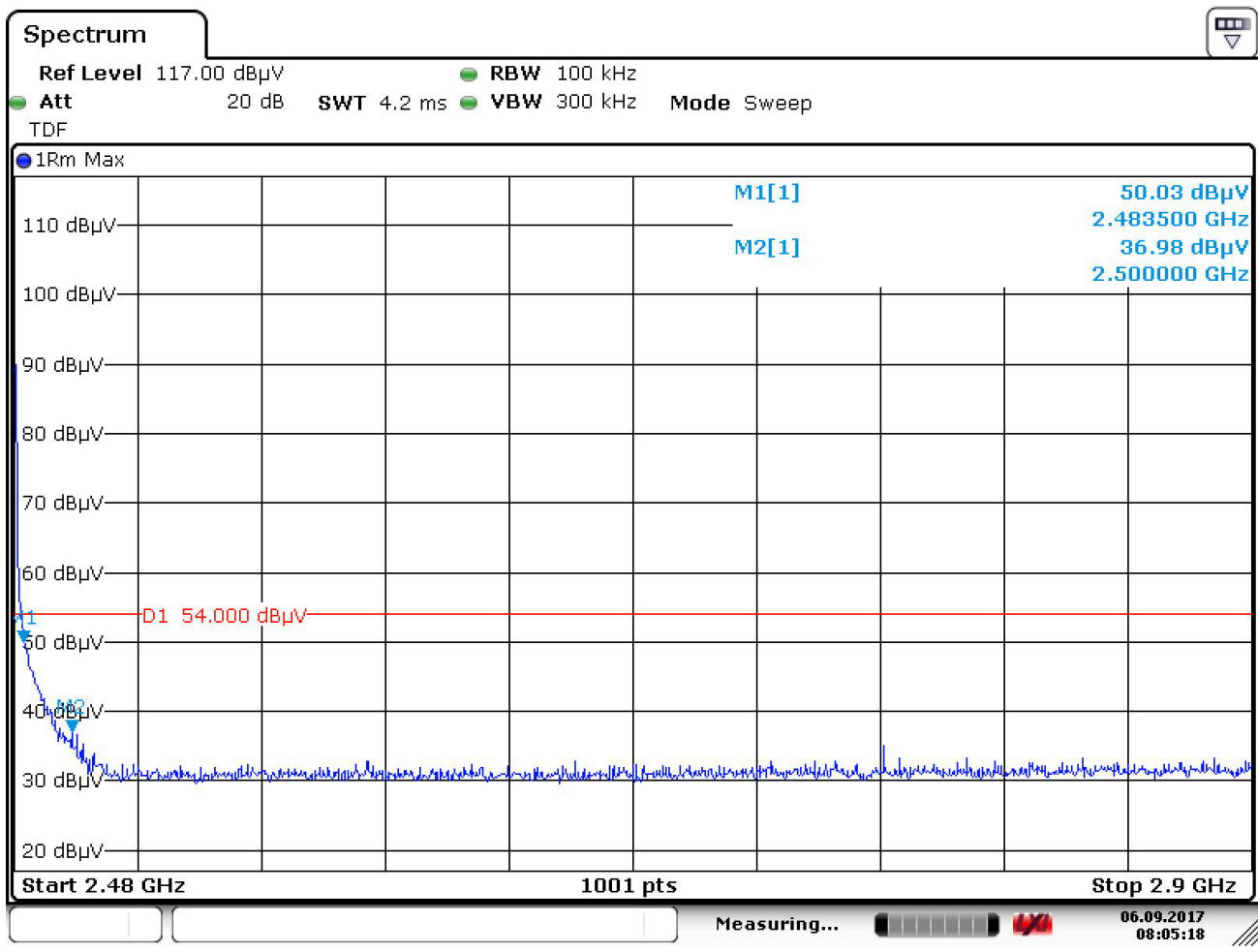
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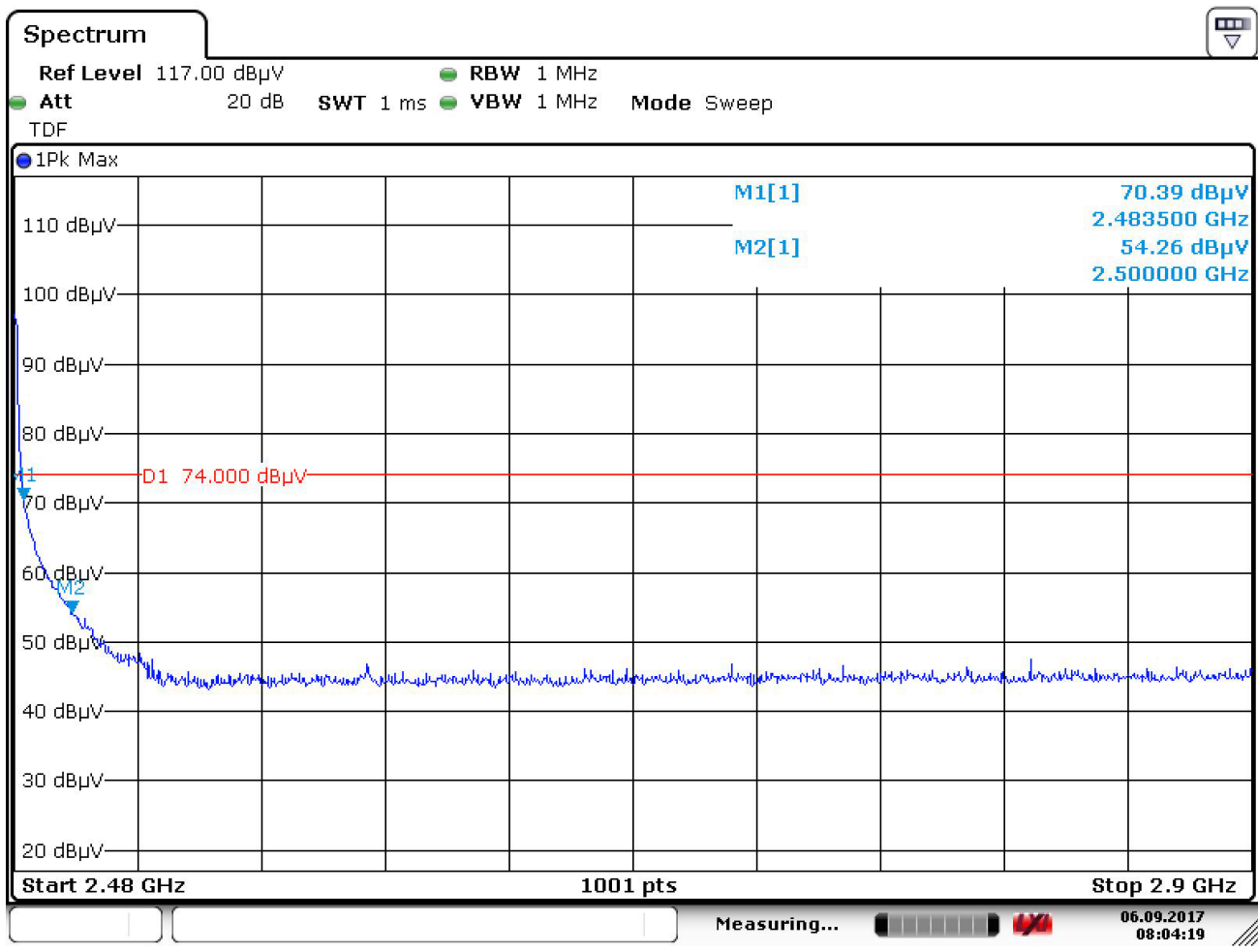
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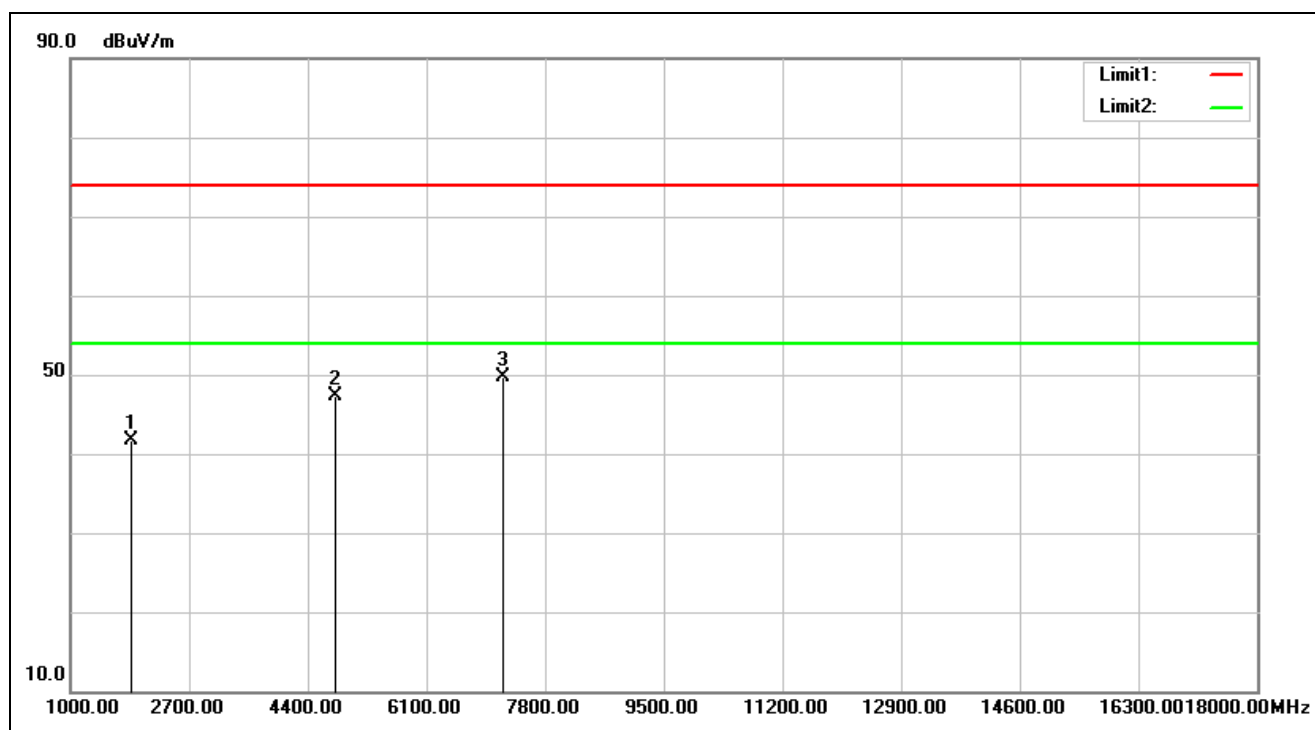
Spurious Emissions, TX Mode, 1-18G



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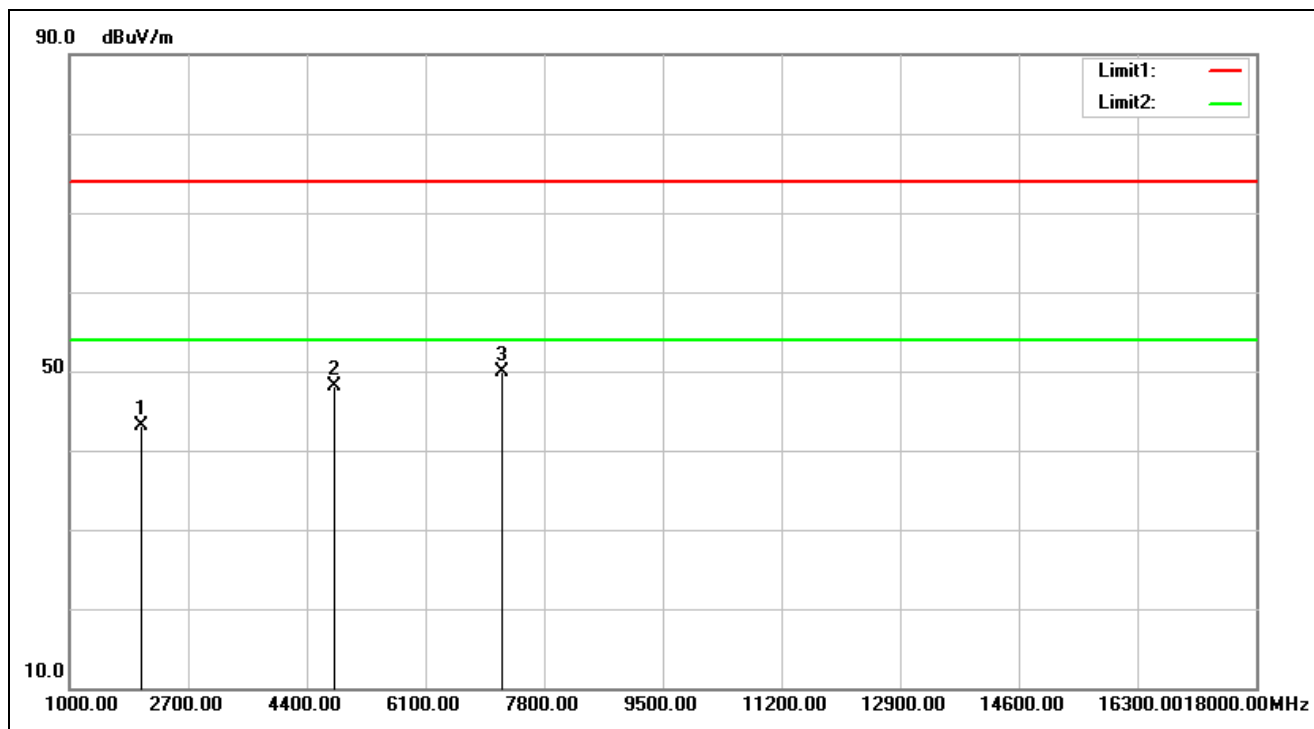
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



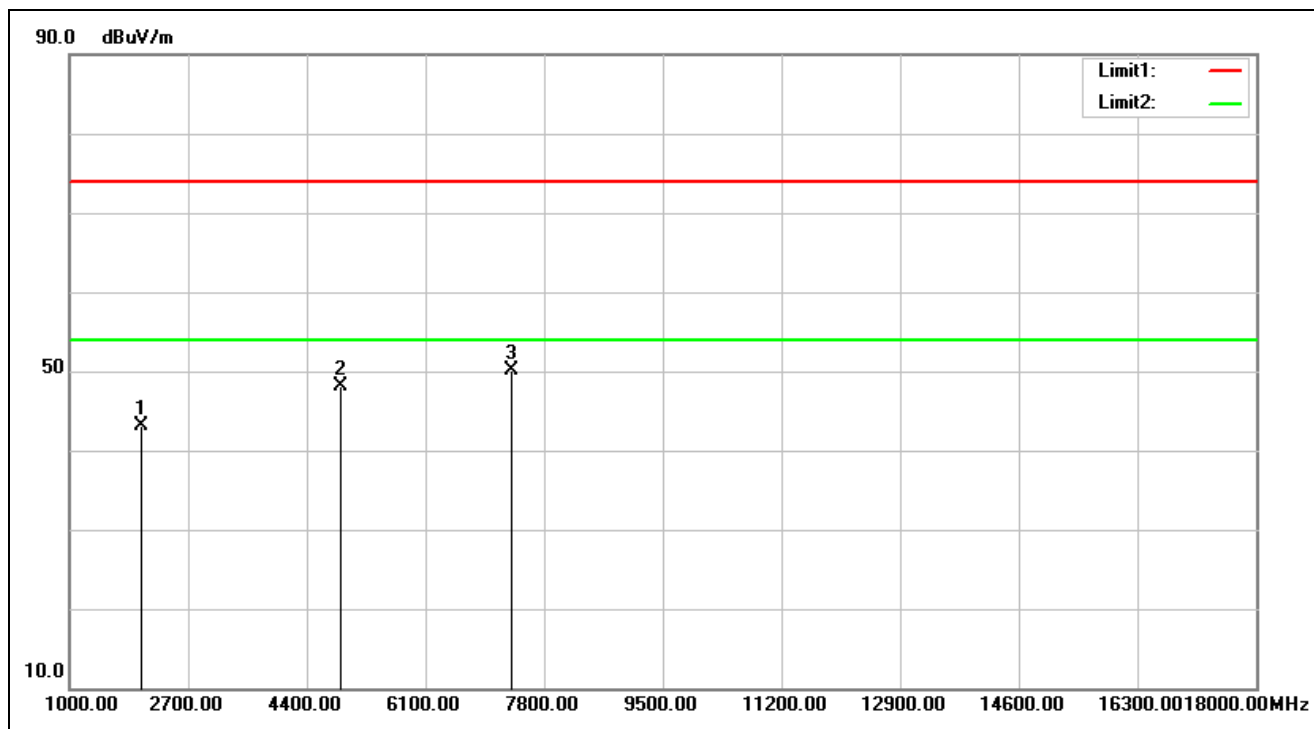
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/5 21:28:07
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%):	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1867.000	-8.02	49.74	41.72	74.00	-32.28	peak	100	307	
2	4804.000	-2.71	50.07	47.36	74.00	-26.64	peak	100	310	
3	7206.000	5.29	44.47	49.76	74.00	-24.24	peak	200	230	



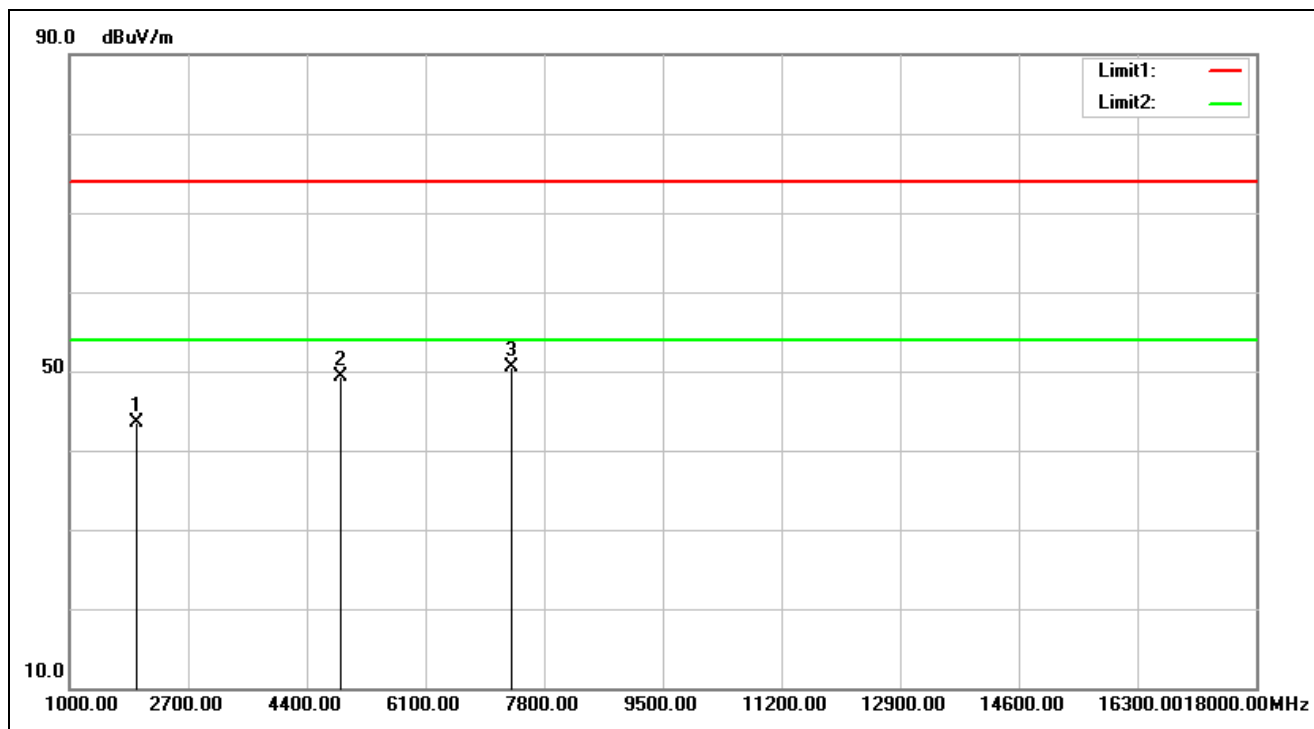
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/5 21:29:09
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2037.000	-7.11	50.23	43.12	74.00	-30.88	peak	100	358	
2	4804.000	-2.71	50.80	48.09	74.00	-25.91	peak	132	150	
3	7206.000	5.29	44.62	49.91	74.00	-24.09	peak	100	131	



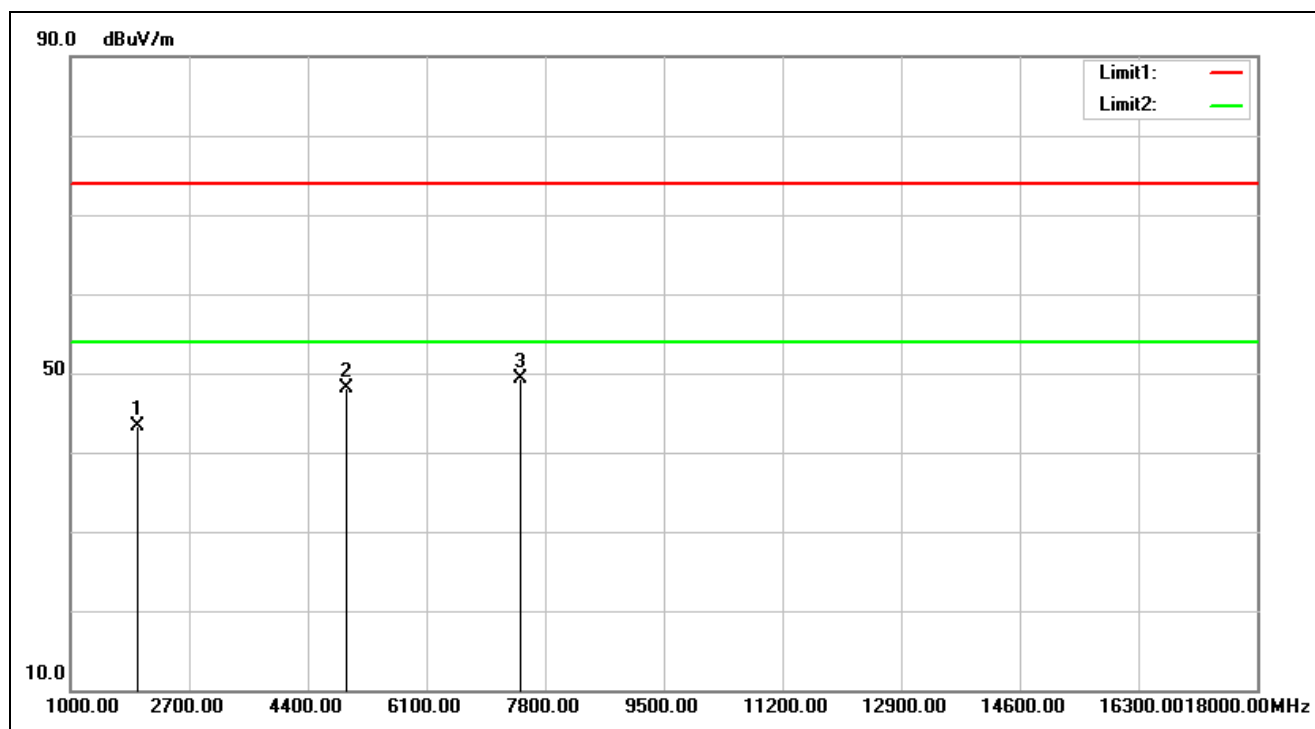
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Test item:	Radiation Emission	Test Time:	2017/9/5 21:33:18
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2020.000	-7.11	50.12	43.01	74.00	-30.99	peak	100	213	
2	4880.000	-2.50	50.70	48.20	74.00	-25.80	peak	130	304	
3	7320.000	5.59	44.43	50.02	74.00	-23.98	peak	100	315	



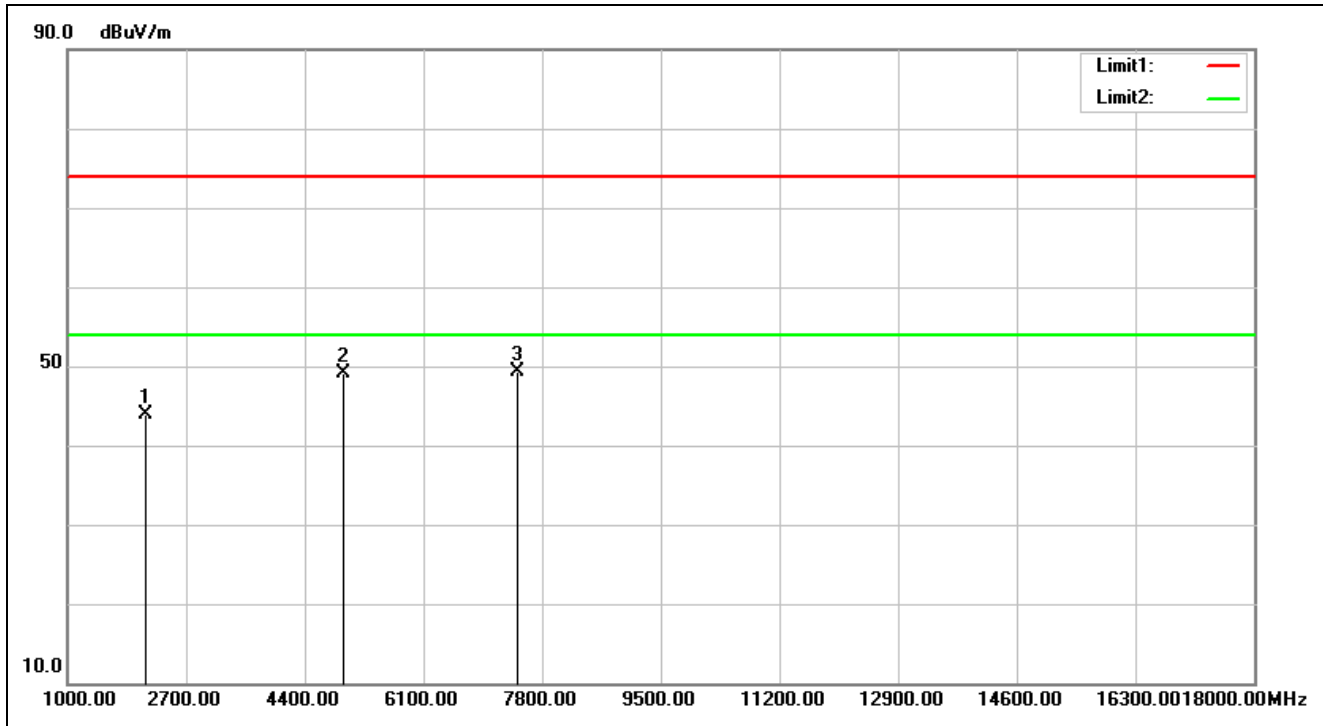
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Test item:	Radiation Emission	Test Time:	2017/9/5 21:34:20
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1952.000	-7.44	51.00	43.56	74.00	-30.44	peak	100	64	
2	4880.000	-2.50	51.81	49.31	74.00	-24.69	peak	100	255	
3	7320.000	5.59	44.92	50.51	74.00	-23.49	peak	100	247	



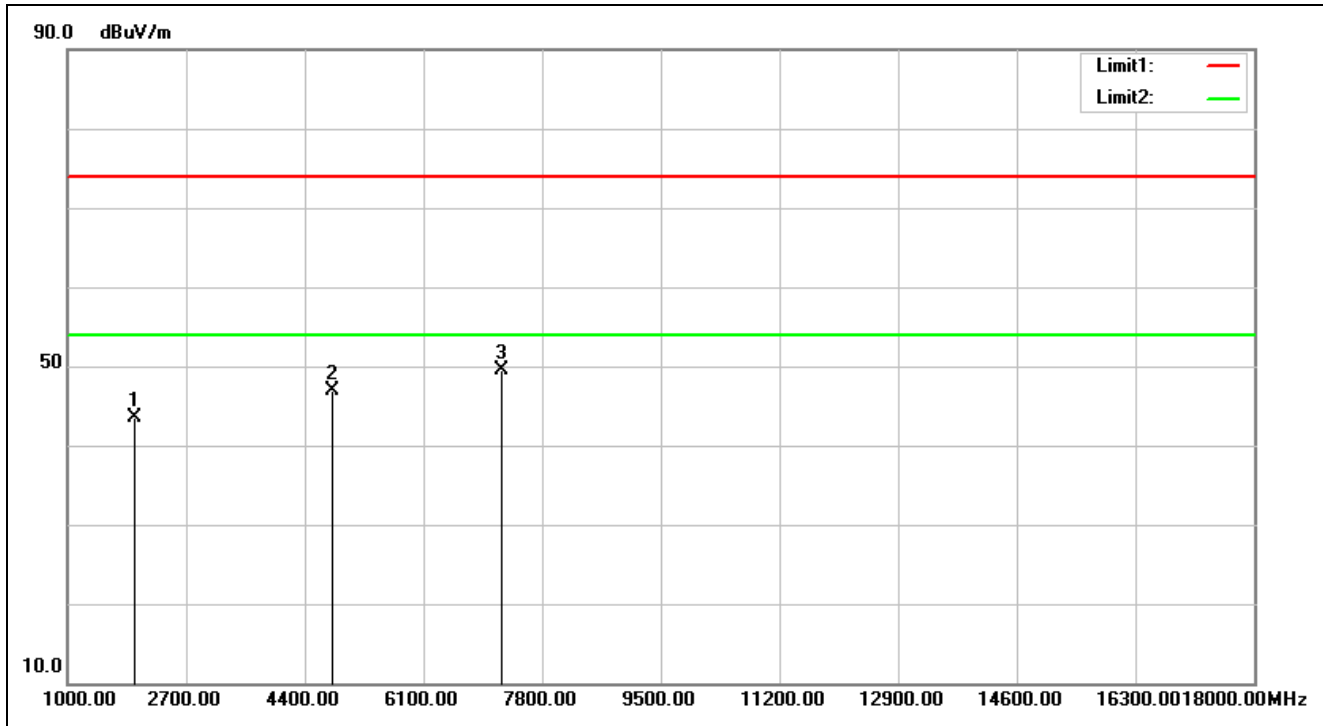
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Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1969.000	-7.33	50.71	43.38	74.00	-30.62	peak	100	146	
2	4960.000	-2.29	50.30	48.01	74.00	-25.99	peak	142	295	
3	7440.000	5.90	43.33	49.23	74.00	-24.77	peak	100	329	



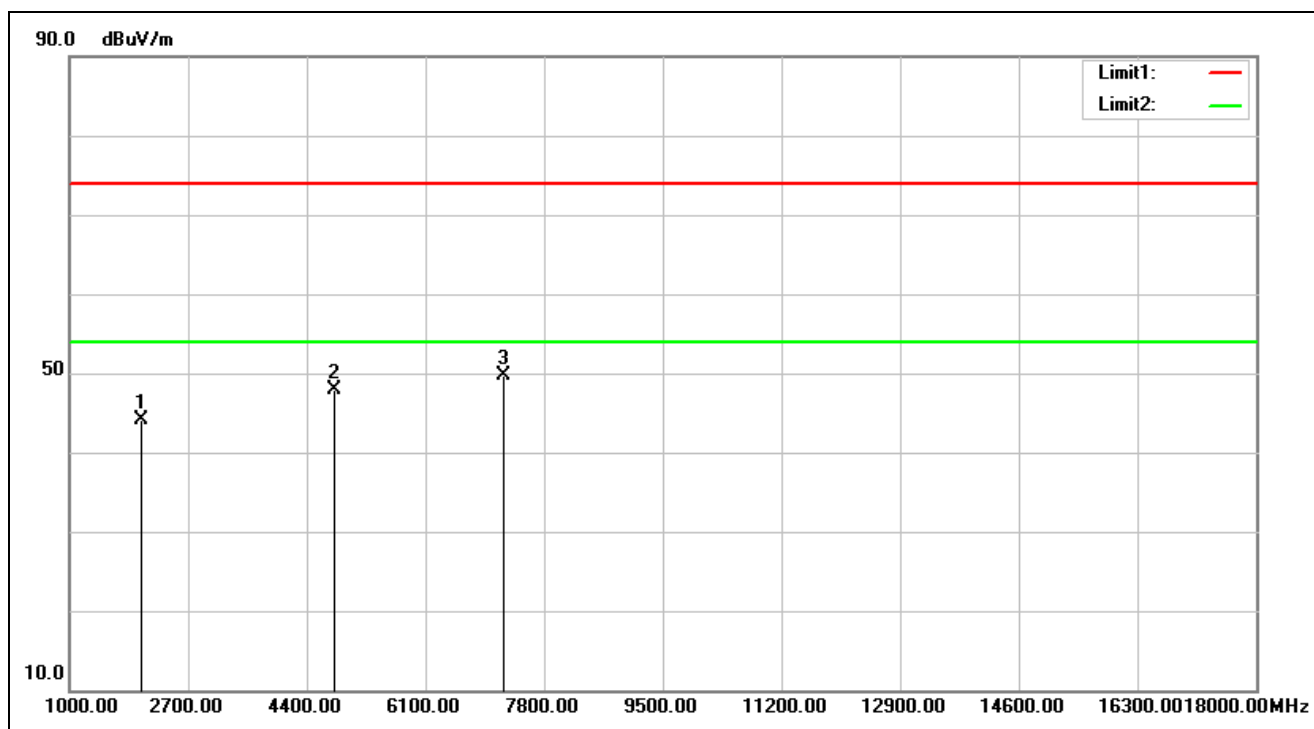
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Test item:	Radiation Emission	Test Time:	2017/9/5 21:40:46
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2122.000	-7.12	50.94	43.82	74.00	-30.18	peak	100	135	
2	4960.000	-2.29	51.39	49.10	74.00	-24.90	peak	100	213	
3	7440.000	5.90	43.47	49.37	74.00	-24.63	peak	100	142	



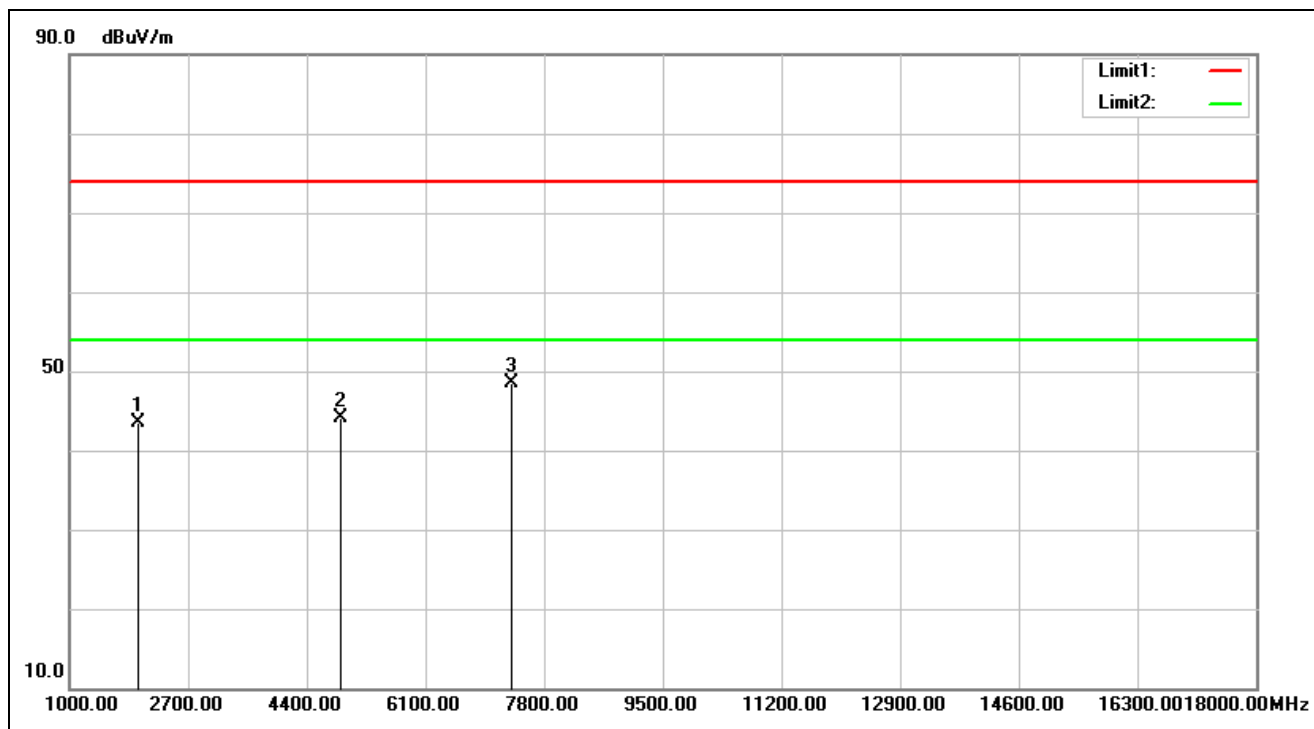
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/5 21:45:16
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1952.000	-7.44	50.94	43.50	74.00	-30.50	peak	100	328	
2	4804.000	-2.71	49.61	46.90	74.00	-27.10	peak	190	174	
3	7206.000	5.29	44.20	49.49	74.00	-24.51	peak	100	164	



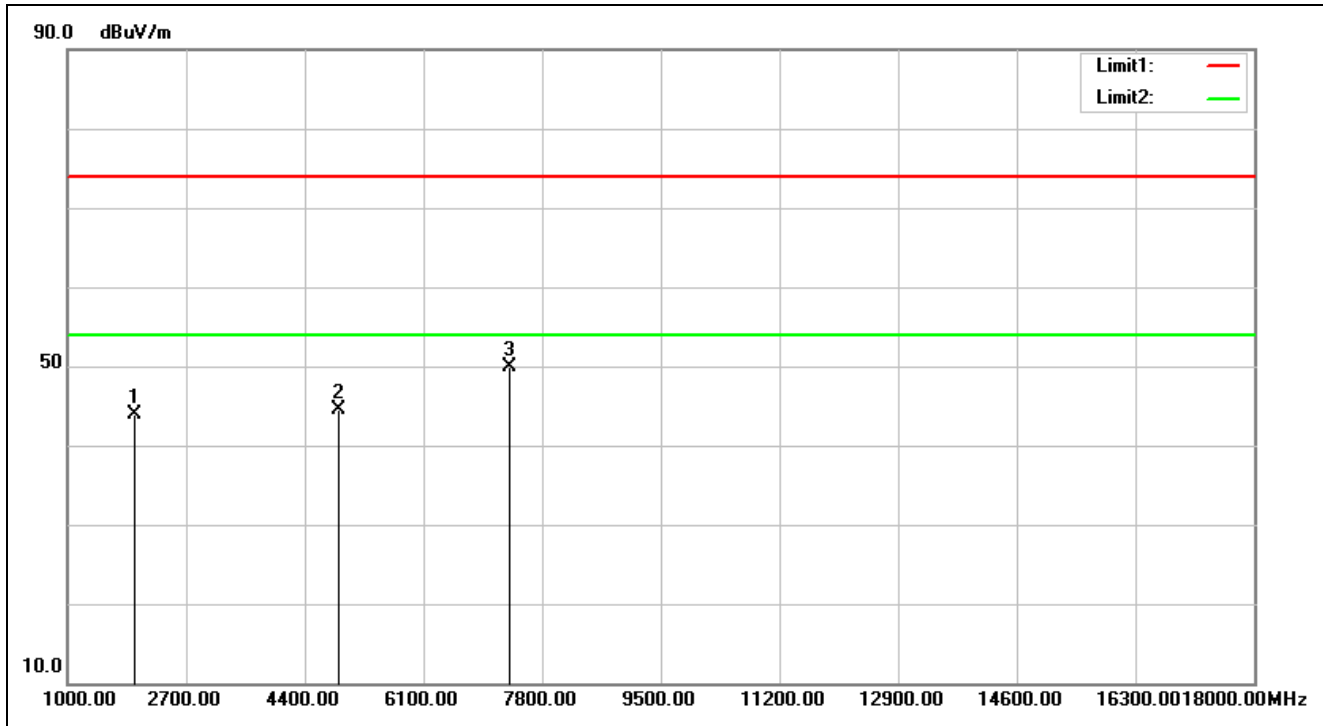
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/5 21:46:18
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2020.000	-7.11	51.24	44.13	74.00	-29.87	peak	100	261	
2	4804.000	-2.71	50.54	47.83	74.00	-26.17	peak	100	219	
3	7206.000	5.29	44.44	49.73	74.00	-24.27	peak	100	254	



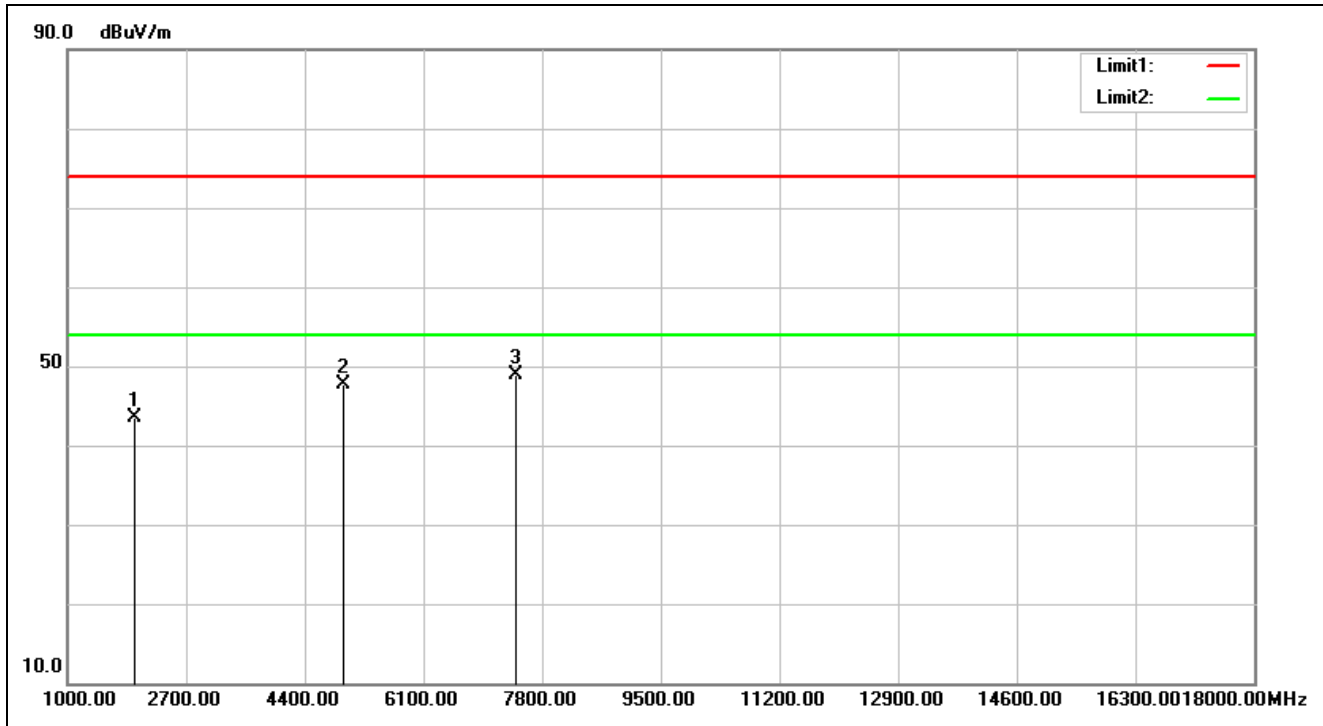
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/5 21:50:49
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1986.000	-7.20	50.72	43.52	74.00	-30.48	peak	100	52	
2	4880.000	-2.50	46.56	44.06	74.00	-29.94	peak	100	204	
3	7320.000	5.59	42.93	48.52	74.00	-25.48	peak	100	332	



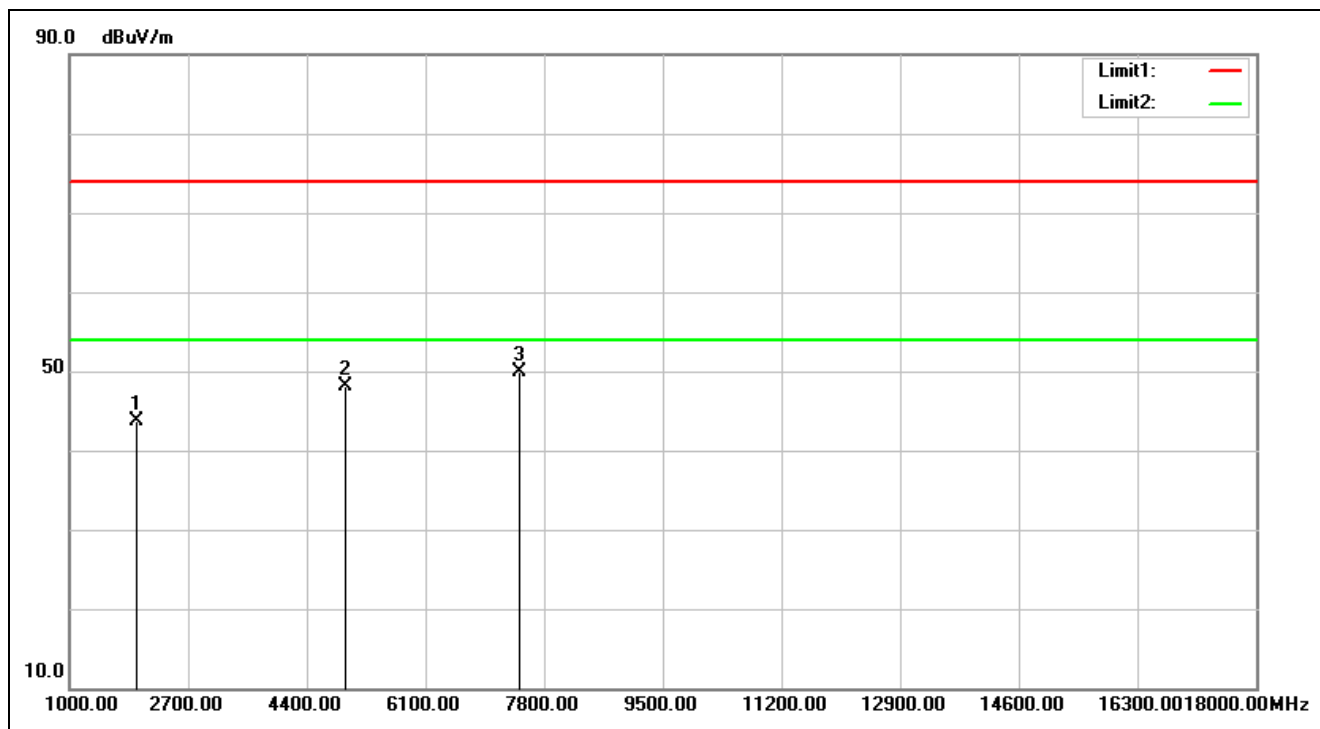
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/5 21:51:51
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1969.000	-7.33	51.31	43.98	74.00	-30.02	peak	100	144	
2	4880.000	-2.50	47.02	44.52	74.00	-29.48	peak	100	120	
3	7320.000	5.59	44.39	49.98	74.00	-24.02	peak	100	316	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/5 21:55:15
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1969.000	-7.33	50.80	43.47	74.00	-30.53	peak	100	118	
2	4960.000	-2.29	50.01	47.72	74.00	-26.28	peak	100	318	
3	7440.000	5.90	42.96	48.86	74.00	-25.14	peak	200	334	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/5 21:56:17
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1952.000	-7.44	51.13	43.69	74.00	-30.31	peak	100	255	
2	4960.000	-2.29	50.41	48.12	74.00	-25.88	peak	100	178	
3	7440.000	5.90	43.91	49.81	74.00	-24.19	peak	100	134	

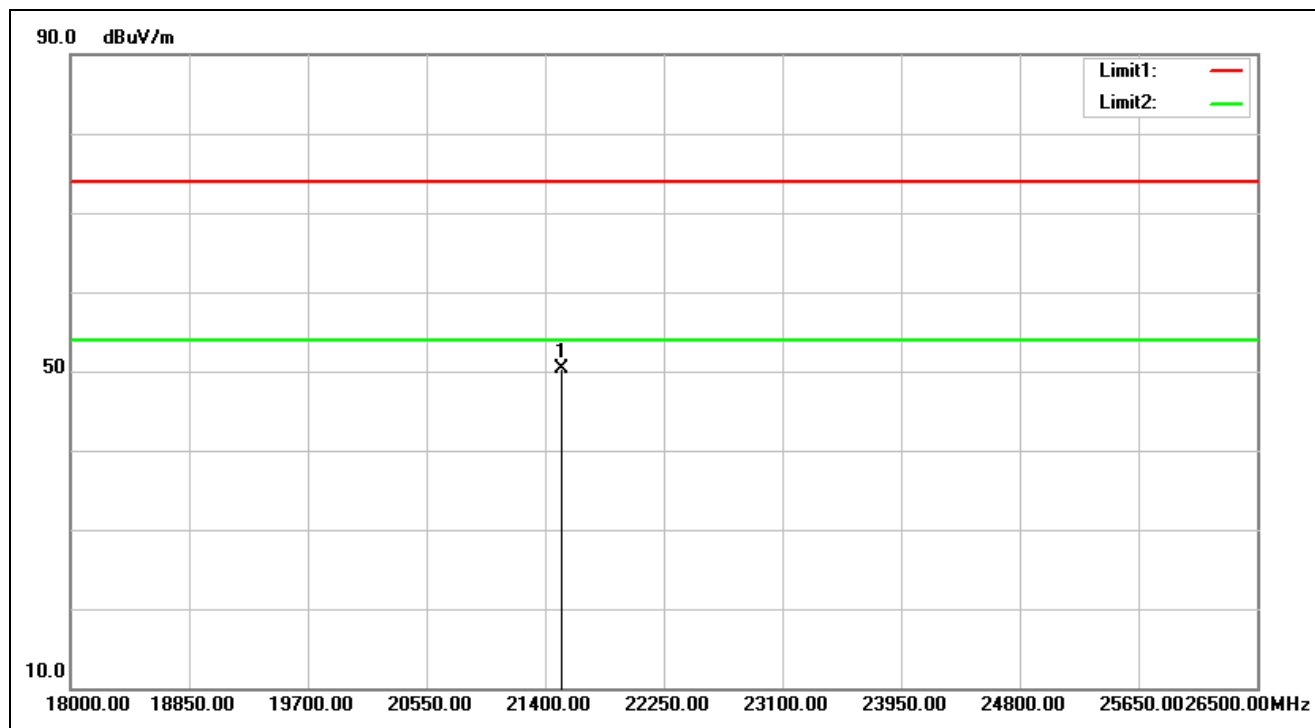
Spurious Emissions, TX Mode, 18-26G



TUV Rheinland Taiwan Ltd.

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

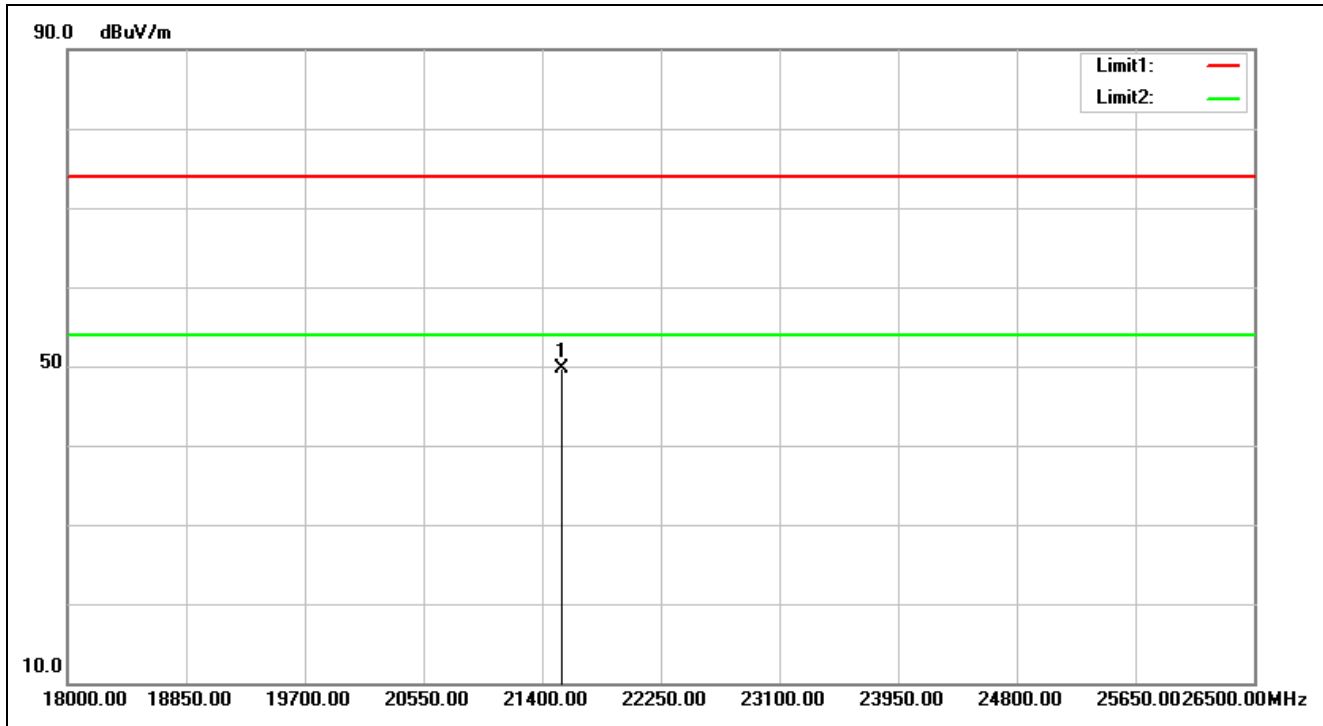
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 07:53:45
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 1M		

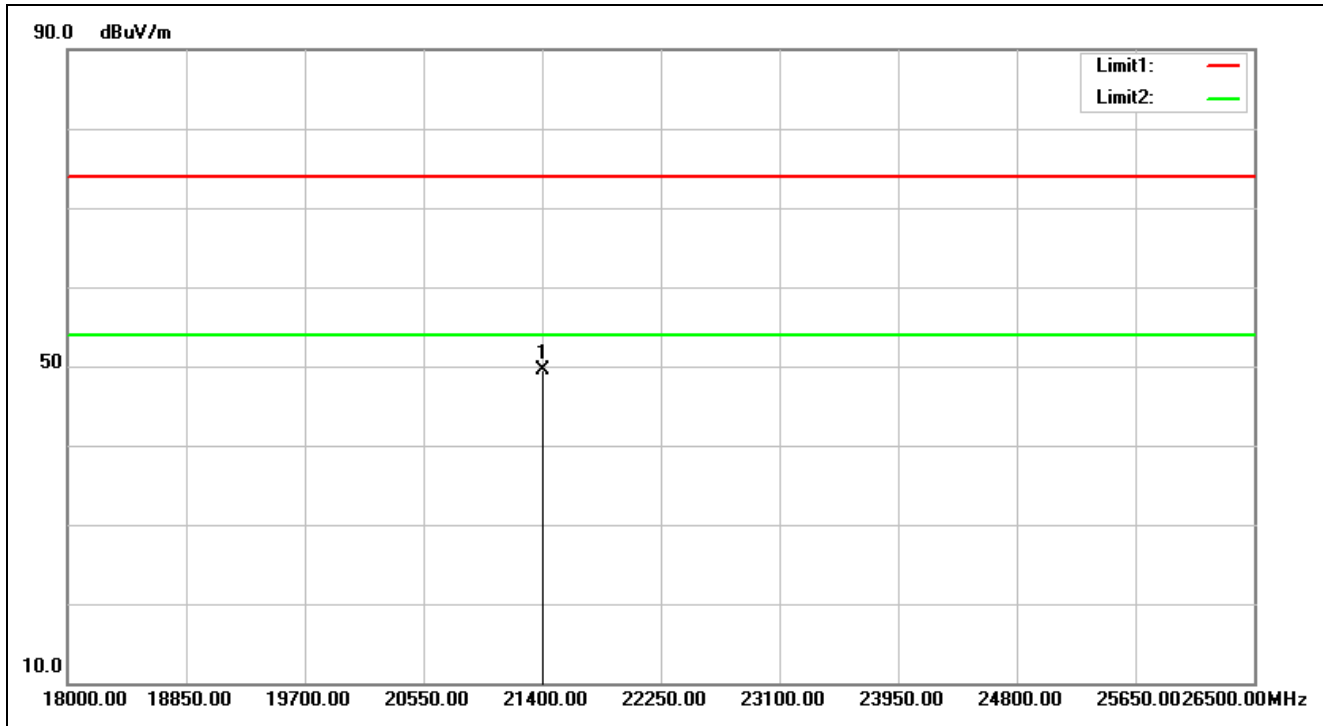
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21519.000	32.05	18.22	50.27	74.00	-23.73	peak	100	349	

Spurious Emissions, TX Mode, 30M-1G



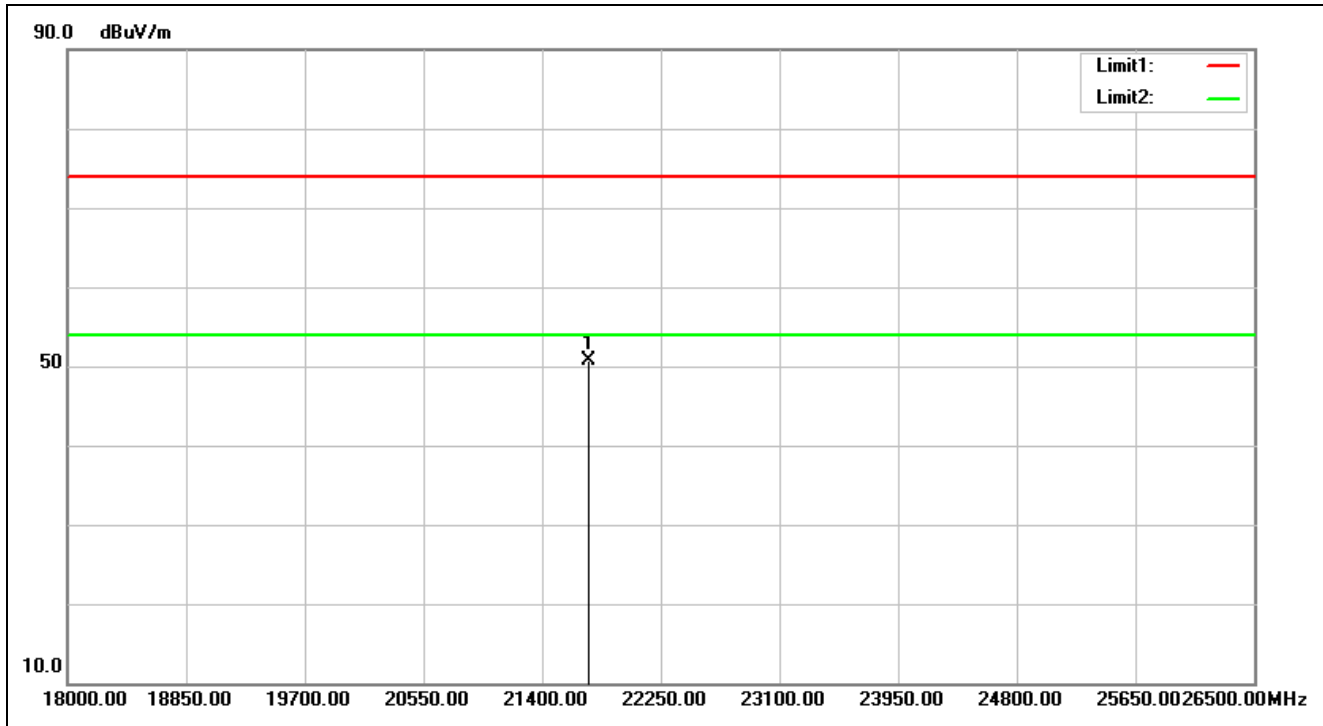
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 07:54:48
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21536.000	32.07	17.57	49.64	74.00	-24.36	peak	100	273	



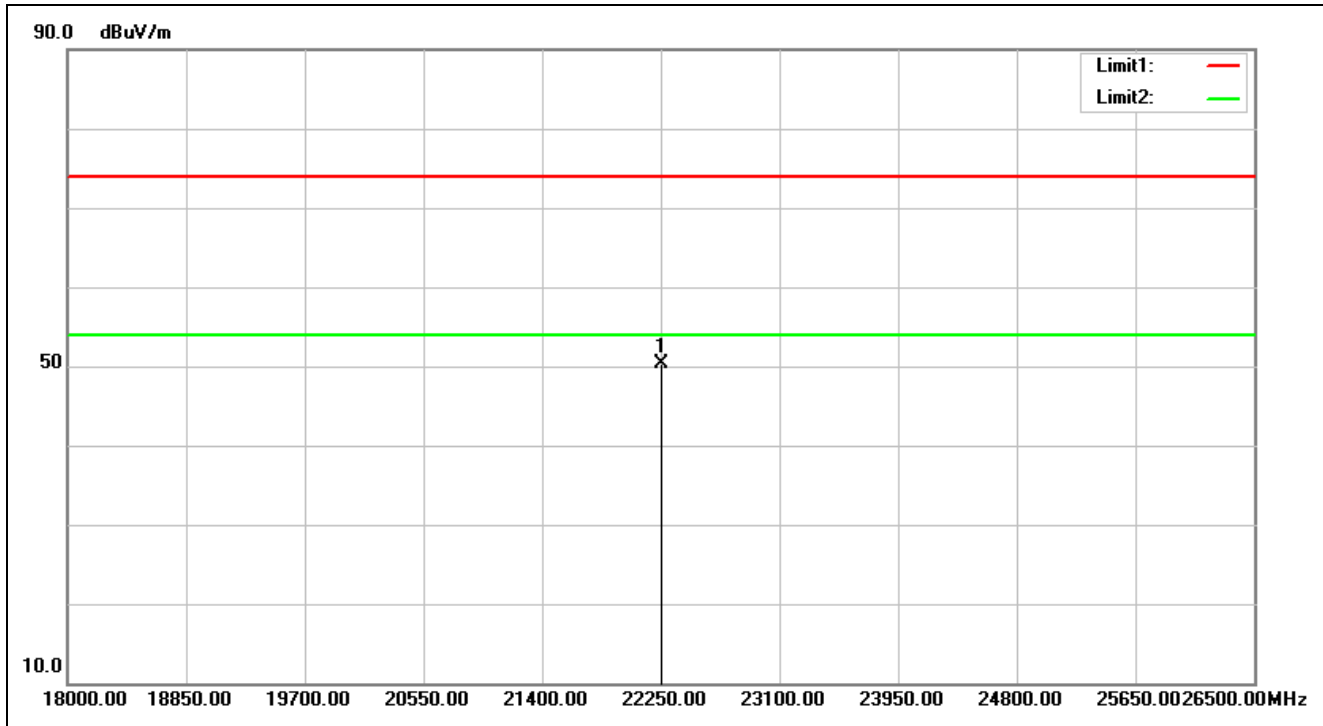
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 07:55:43
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21400.000	31.88	17.56	49.44	74.00	-24.56	peak	100	257	



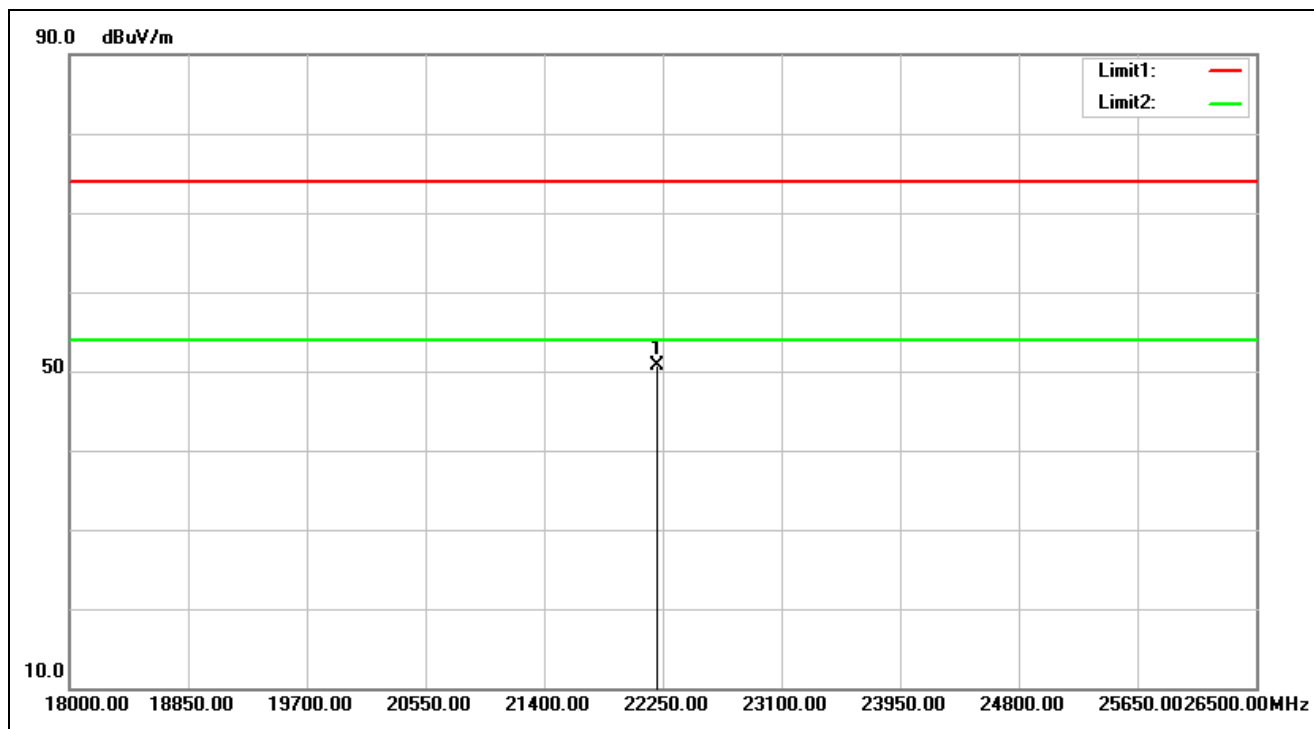
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 07:56:36
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21731.500	32.28	18.50	50.78	74.00	-23.22	peak	100	217	



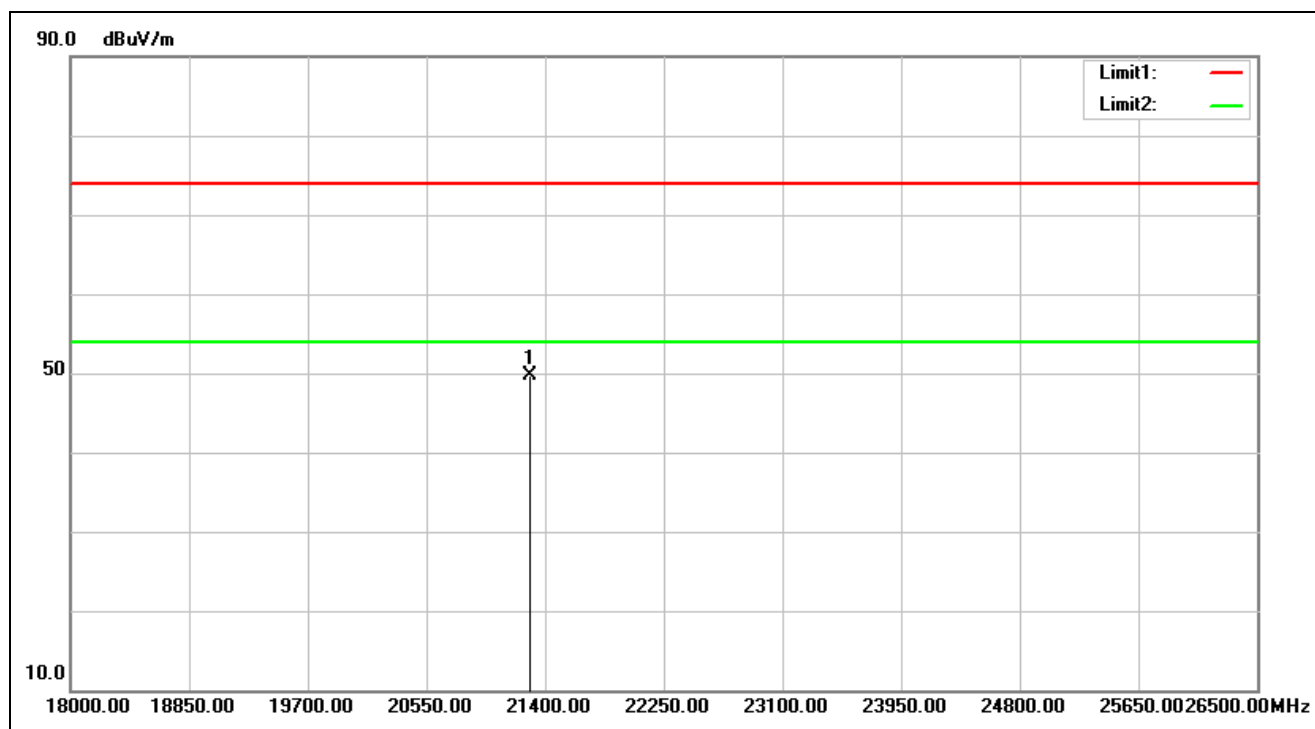
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 07:57:17
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22258.500	32.41	17.86	50.27	74.00	-23.73	peak	100	294	



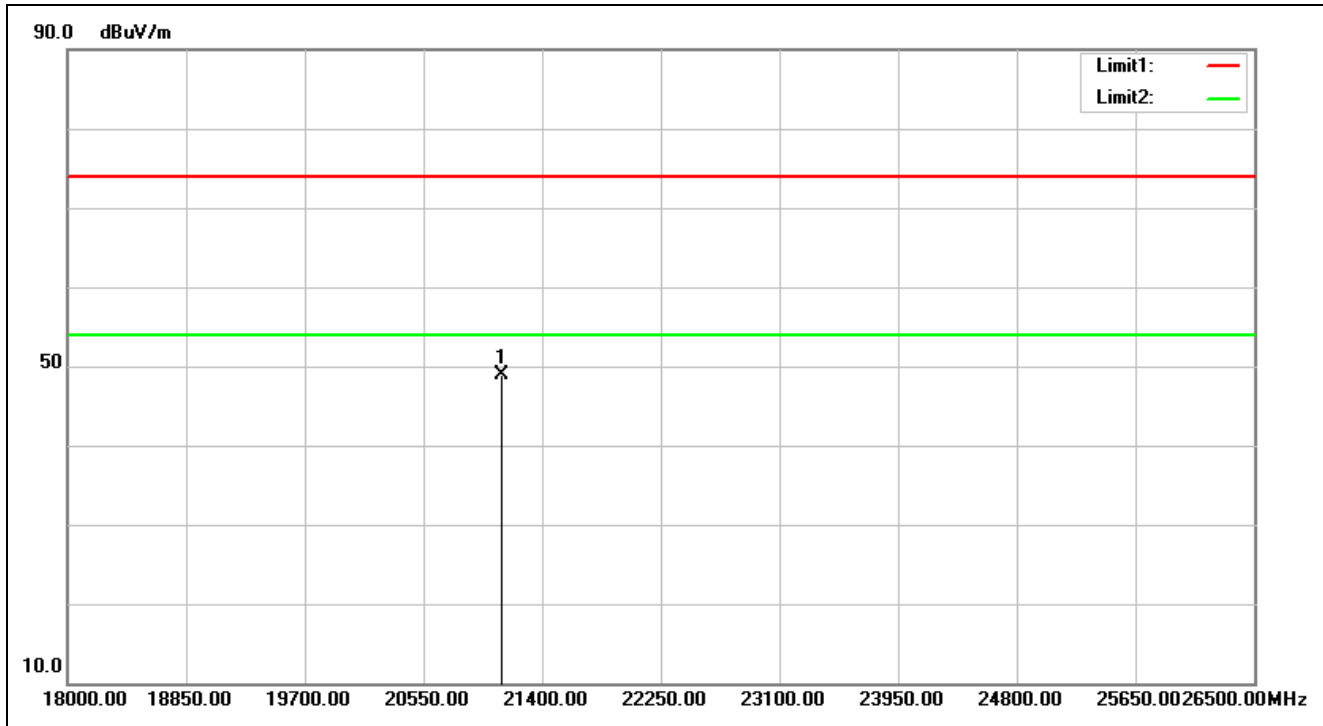
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 07:58:48
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22207.500	32.44	18.31	50.75	74.00	-23.25	peak	100	105	



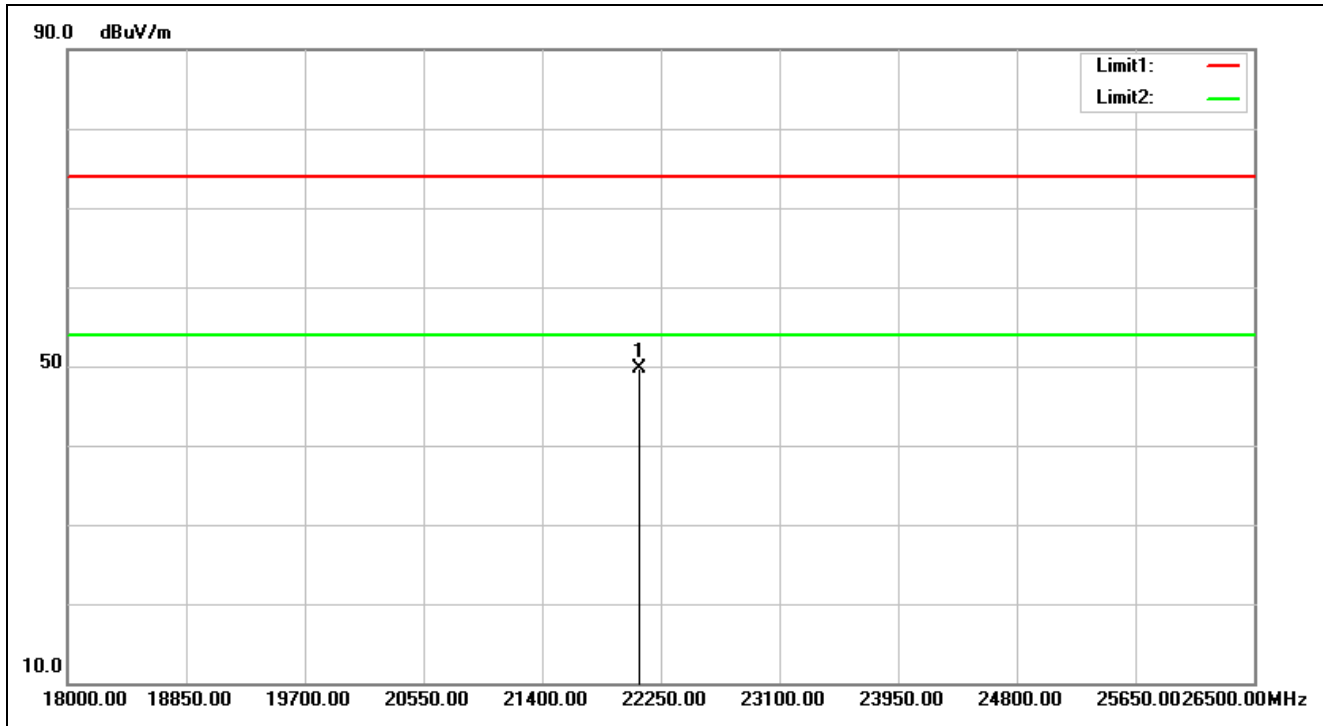
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 08:01:18
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21289.500	31.71	17.92	49.63	74.00	-24.37	peak	100	68	



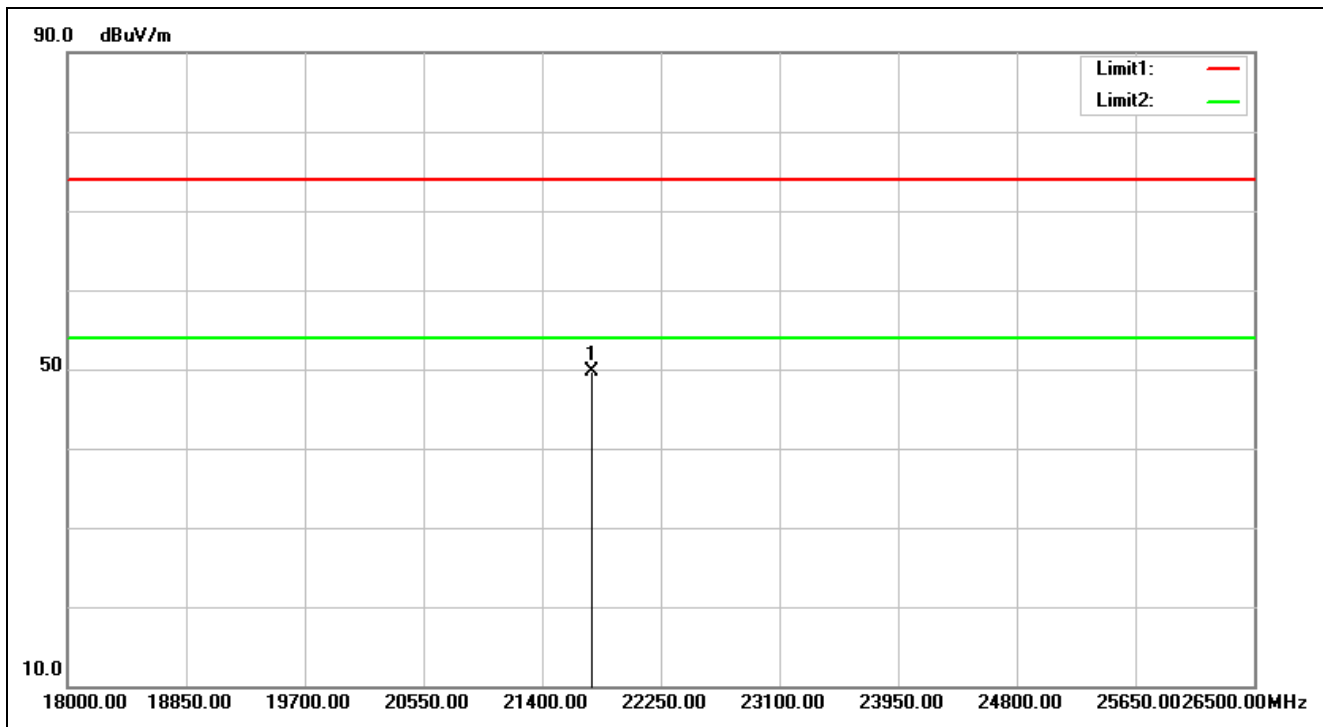
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 08:02:13
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2402-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21111.000	31.45	17.55	49.00	74.00	-25.00	peak	100	302	



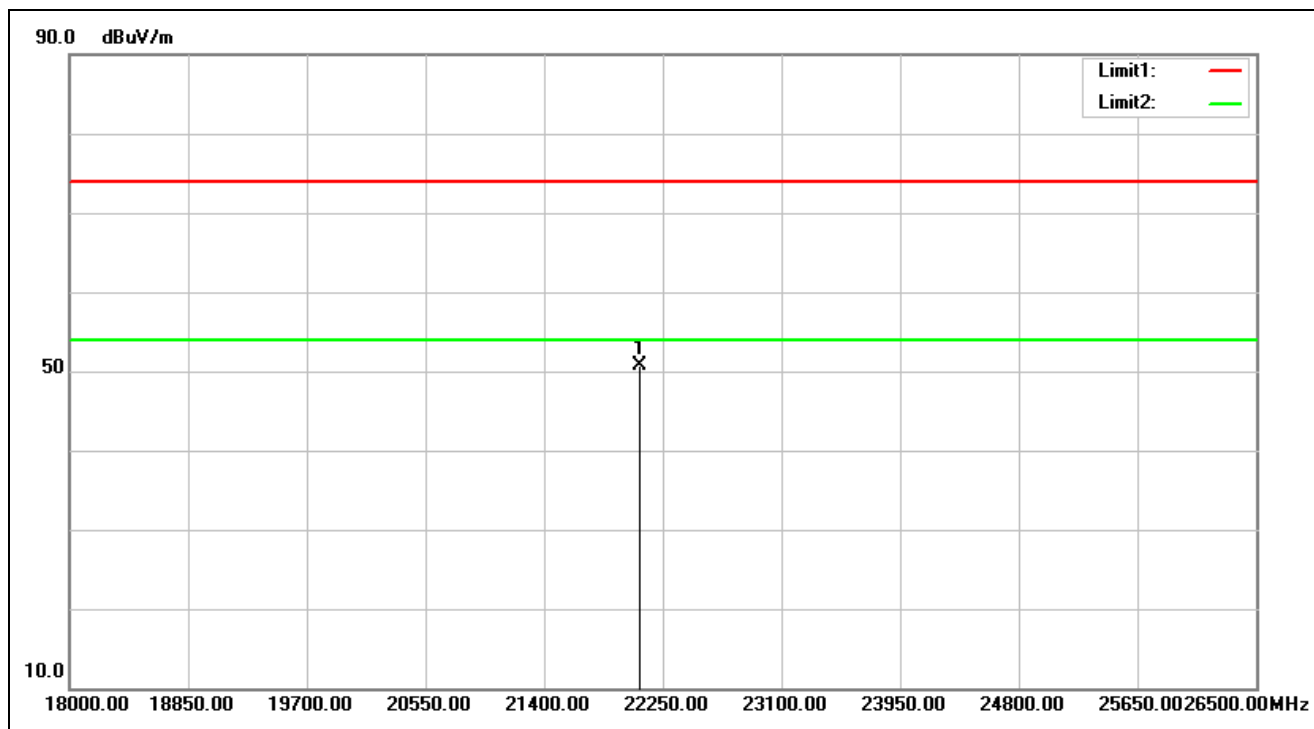
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 08:03:27
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22097.000	32.52	17.22	49.74	74.00	-24.26	peak	100	137	



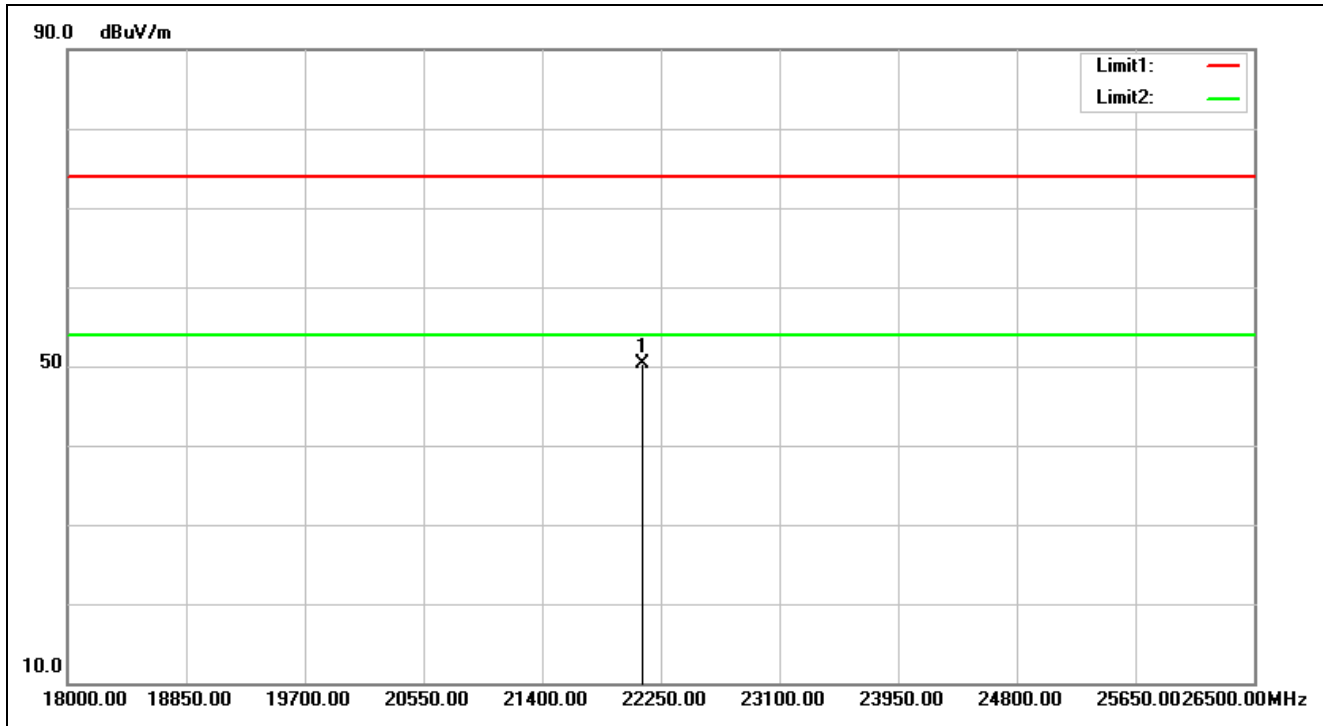
Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 08:04:23
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21757.000	32.31	17.39	49.70	74.00	-24.30	peak	100	259	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 08:06:58
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22080.000	32.52	18.26	50.78	74.00	-23.22	peak	100	288	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 08:08:00
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2480-Tx		
Remark:	LE 2M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22122.500	32.50	17.90	50.40	74.00	-23.60	peak	100	329	

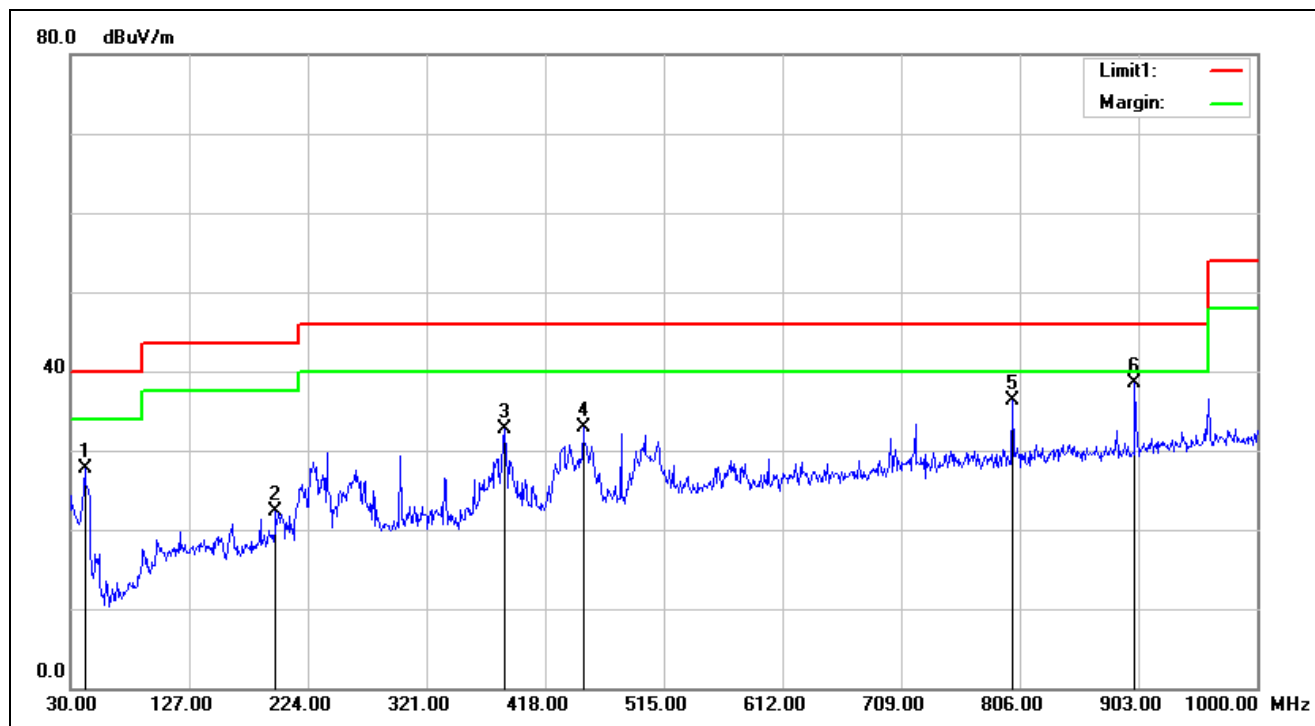
Spurious Emissions, TX Mode, 30M-1G



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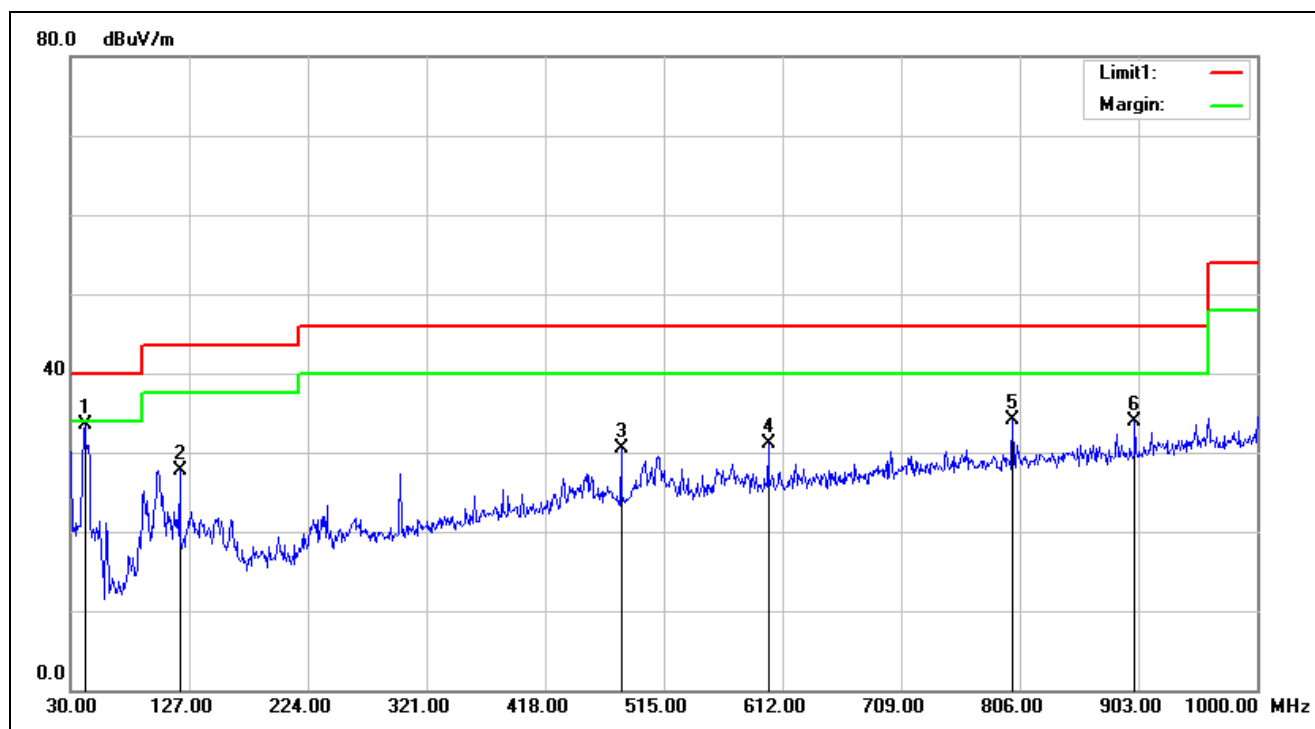
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/6 11:32:56
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	41.6400	-6.82	34.52	27.70	40.00	-12.30	QP	300	213	
2	197.8100	-9.04	31.25	22.21	43.50	-21.29	QP	400	107	
3	385.0199	-2.70	35.46	32.76	46.00	-13.24	QP	200	258	
4	449.0400	-1.92	34.92	33.00	46.00	-13.00	QP	100	317	
5	800.1799	2.77	33.54	36.31	46.00	-9.69	QP	200	104	
6	900.0900	4.06	34.49	38.55	46.00	-7.45	QP	100	181	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/6 11:37:59
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%):	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	41.6400	-6.82	40.37	33.55	40.00	-6.45	QP	300	264	
2	119.2400	-7.50	35.23	27.73	43.50	-15.77	QP	200	179	
3	480.0800	-1.47	32.02	30.55	46.00	-15.45	QP	300	168	
4	600.3600	0.08	31.08	31.16	46.00	-14.84	QP	300	192	
5	800.1800	2.77	31.27	34.04	46.00	-11.96	QP	200	115	
6	900.0900	4.06	29.75	33.81	46.00	-12.19	QP	100	97	

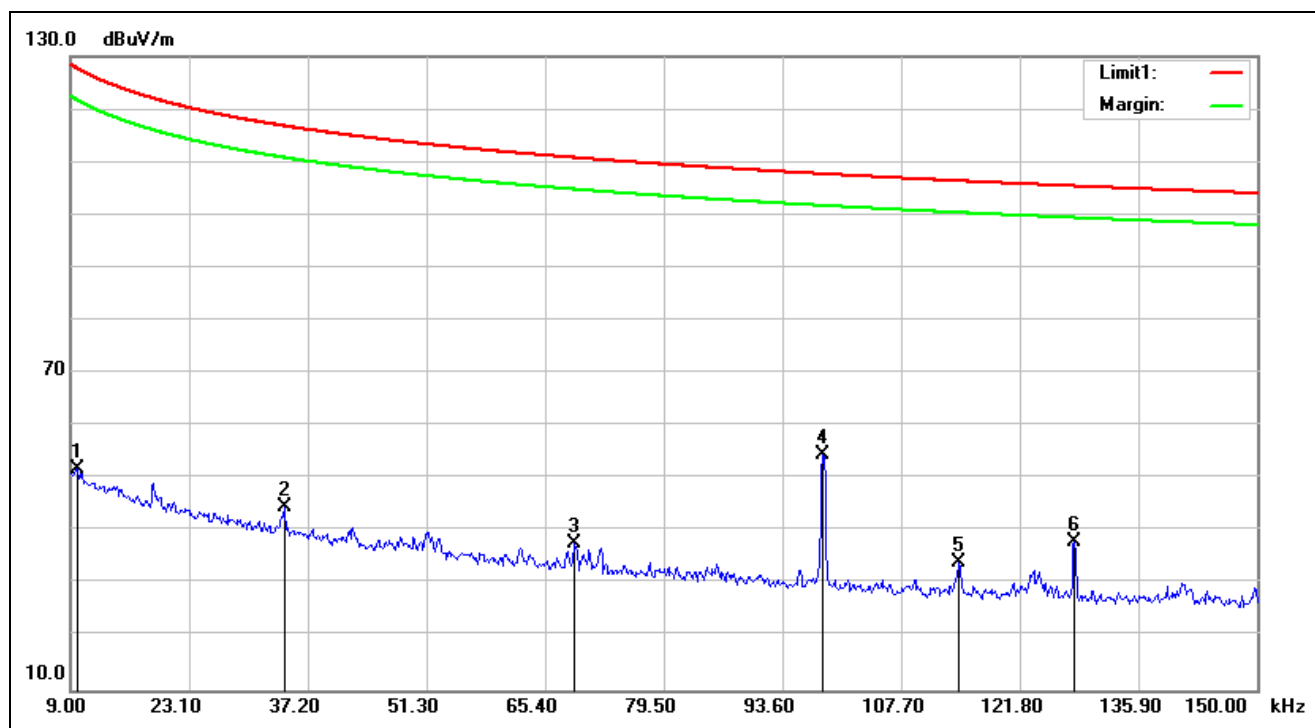
Spurious Emissions, TX Mode, 9k-30M



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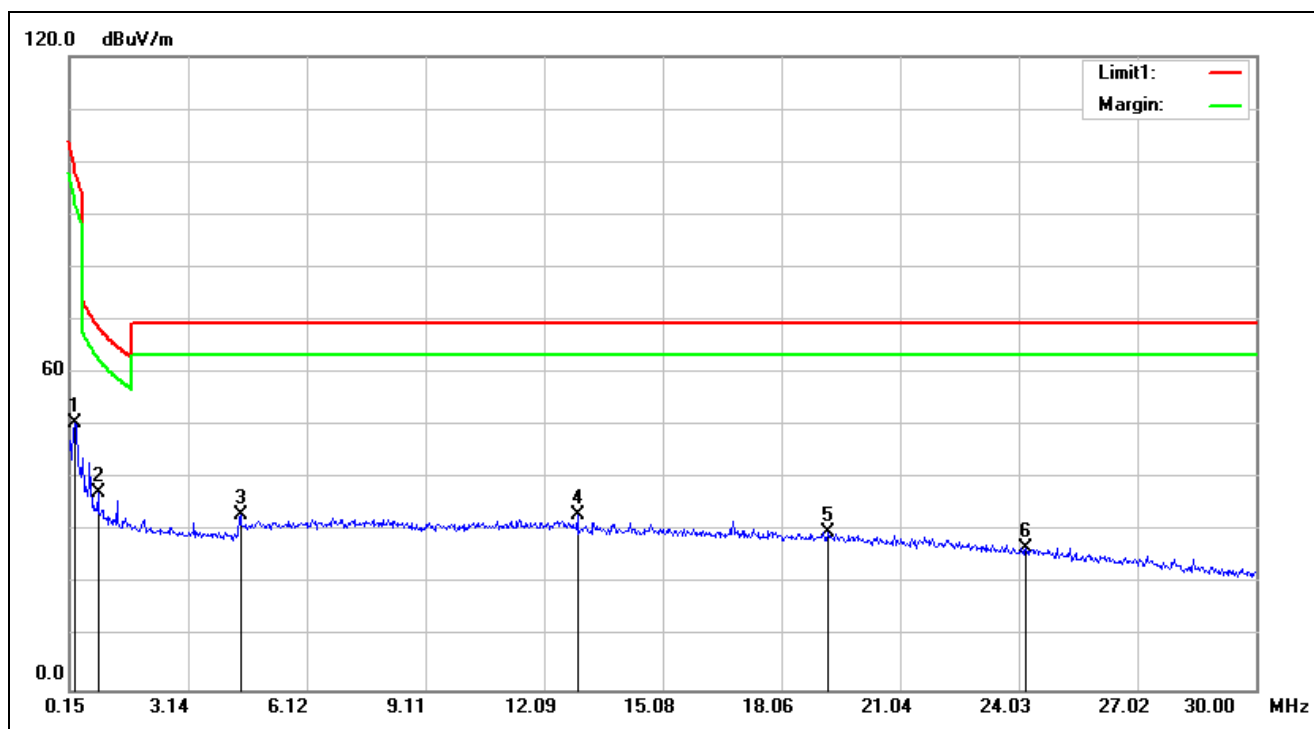
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Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/9/6 12:47:37
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0098	19.86	32.05	51.91	127.67	-75.76	QP	100	326	
2	0.0343	19.98	24.53	44.51	116.82	-72.31	QP	100	268	
3	0.0687	19.32	18.33	37.65	110.81	-73.16	QP	100	89	
4	0.0984	19.14	35.34	54.48	107.70	-53.22	QP	100	127	
5	0.1146	19.12	14.92	34.04	106.38	-72.34	QP	100	194	
6	0.1283	19.10	19.09	38.19	105.40	-67.21	QP	100	225	

Spurious Emissions, TX Mode, 30M-1G



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/9/6 12:44:41
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Tx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.2993	18.94	31.65	50.59	98.07	-47.48	QP	100	302	
2	0.8664	18.94	18.33	37.27	68.86	-31.59	QP	100	327	
3	4.4484	19.42	13.64	33.06	69.50	-36.44	QP	100	167	
4	12.9258	20.74	12.35	33.09	69.50	-36.41	QP	100	184	
5	19.2242	21.85	8.12	29.97	69.50	-39.53	QP	100	92	
6	24.2091	22.26	4.68	26.94	69.50	-42.56	QP	100	115	

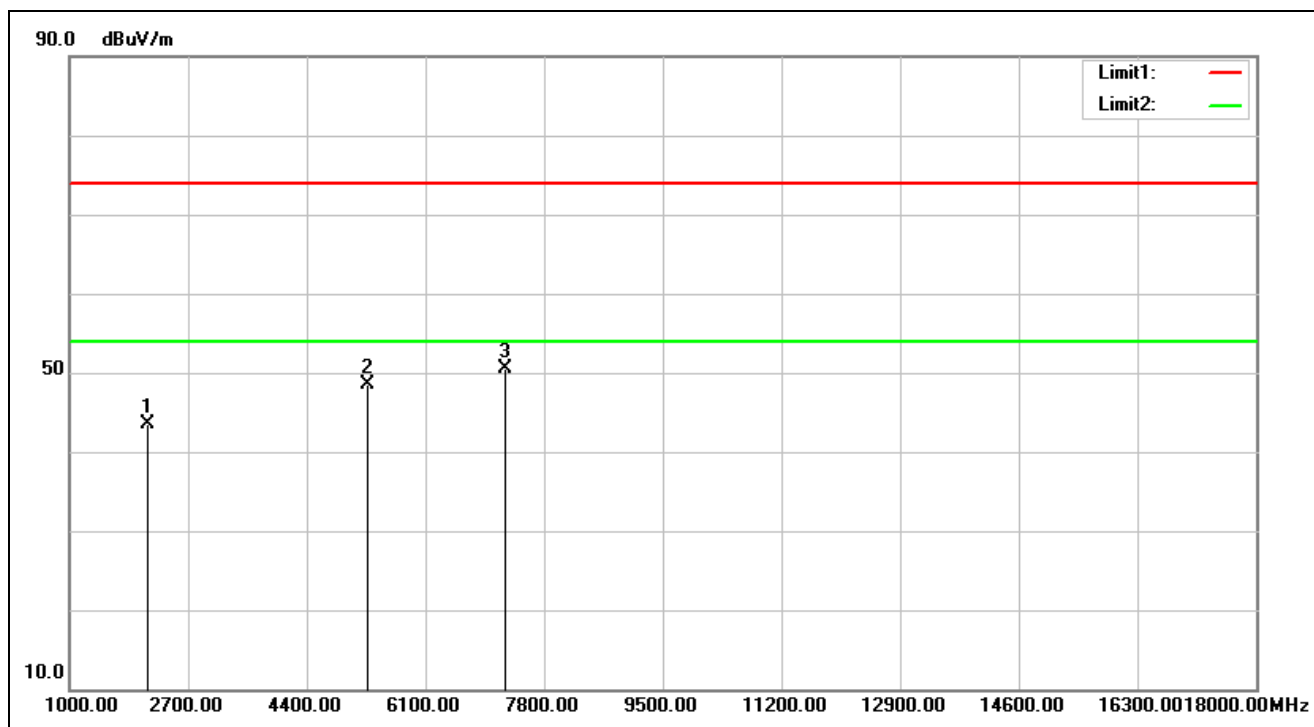
Spurious Emissions, RX Mode, 1-18G



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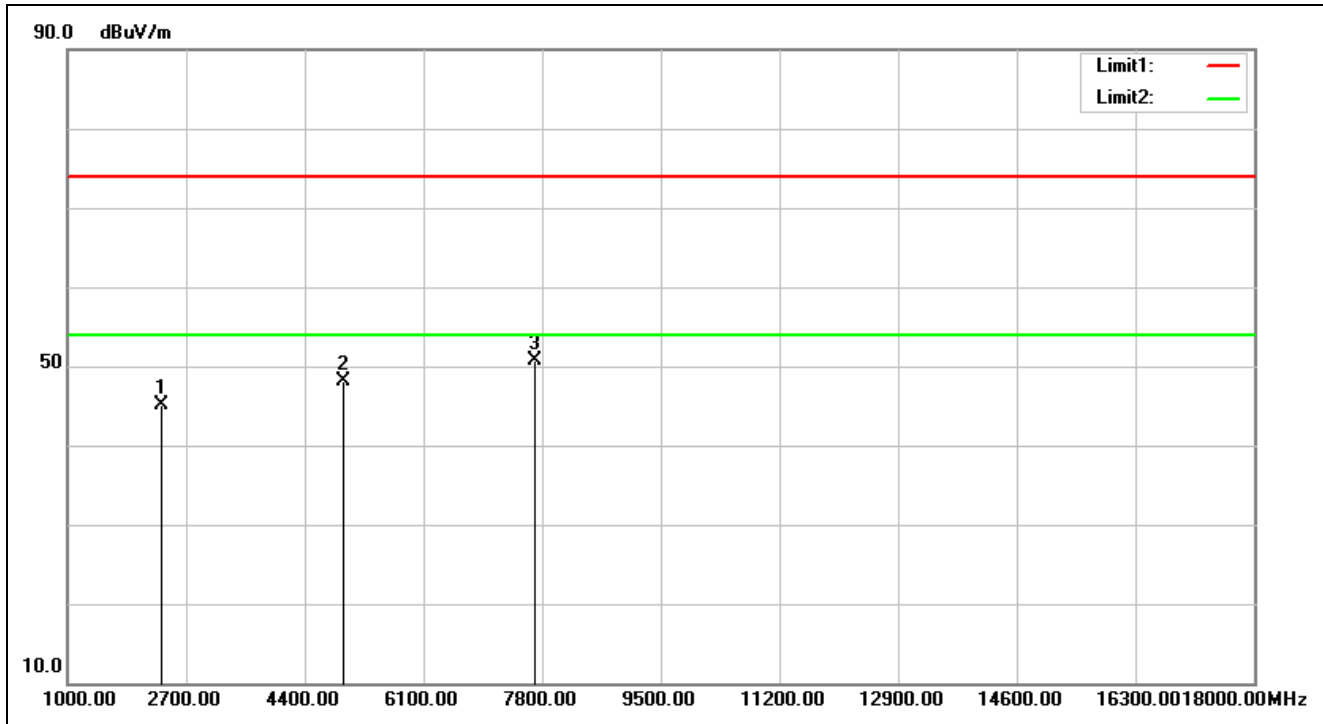
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Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/5 22:07:03
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2122.000	-7.12	50.58	43.46	74.00	-30.54	peak	100	188	
2	5267.000	-0.94	49.48	48.54	74.00	-25.46	peak	100	139	
3	7239.000	5.38	45.04	50.42	74.00	-23.58	peak	100	288	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/5 22:08:05
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.2(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2343.000	-7.13	52.23	45.10	74.00	-28.90	peak	100	122	
2	4961.000	-2.29	50.38	48.09	74.00	-25.91	peak	100	144	
3	7698.000	5.95	44.81	50.76	74.00	-23.24	peak	100	17	

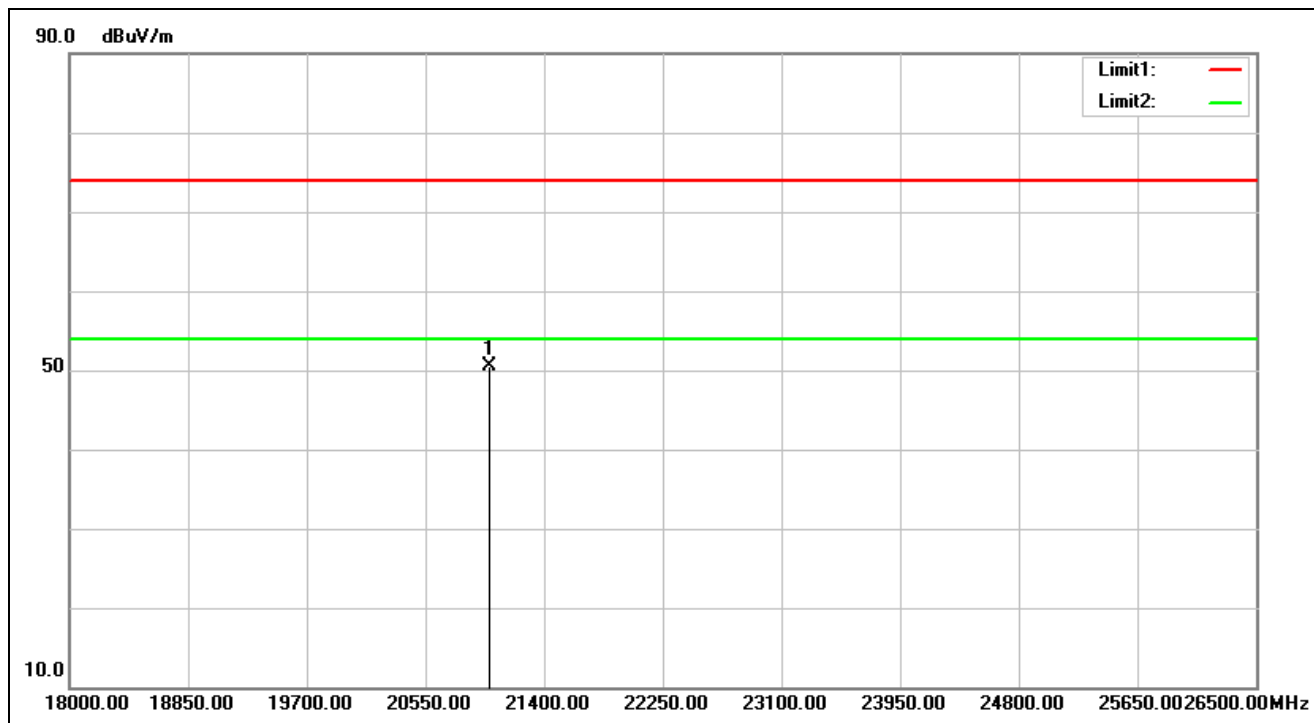
Spurious Emissions, RX Mode, 18-26G



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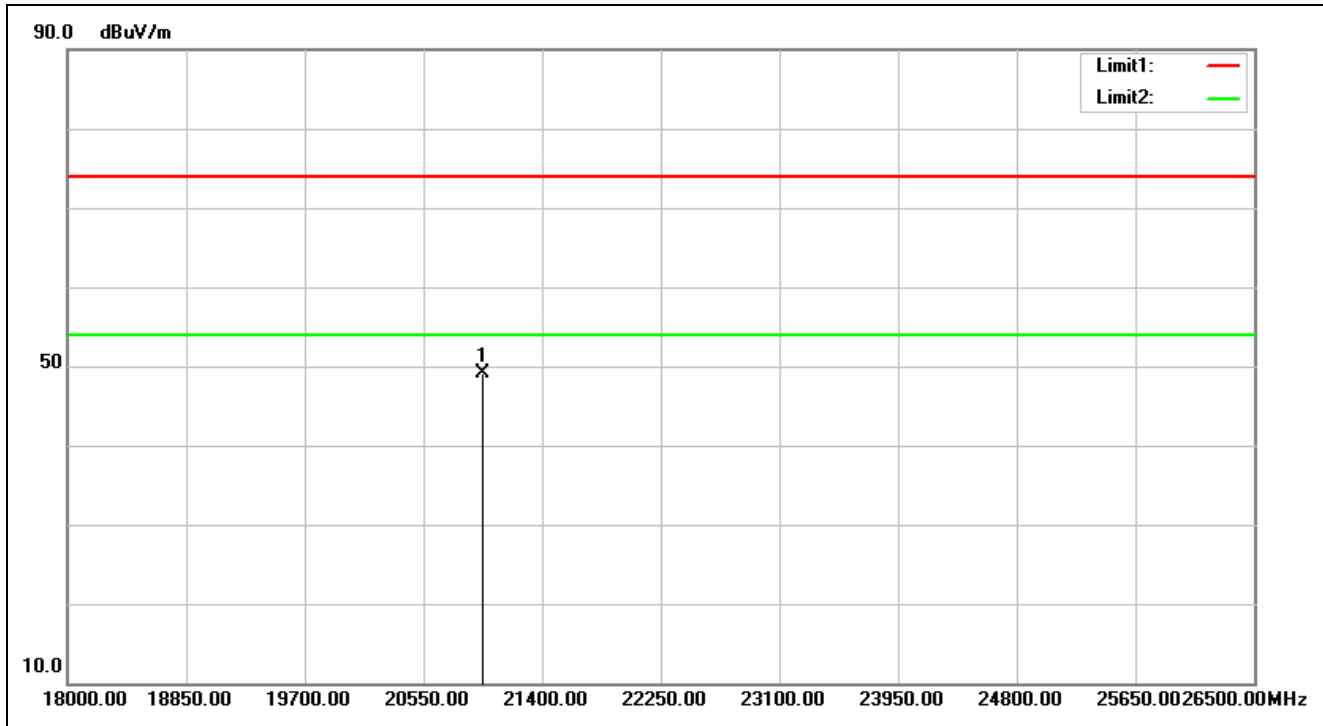
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Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/7 07:49:34
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21009.000	31.29	19.13	50.42	74.00	-23.58	peak	100	21	



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/7 07:50:36
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	23.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20975.000	31.26	17.90	49.16	74.00	-24.84	peak	100	231	

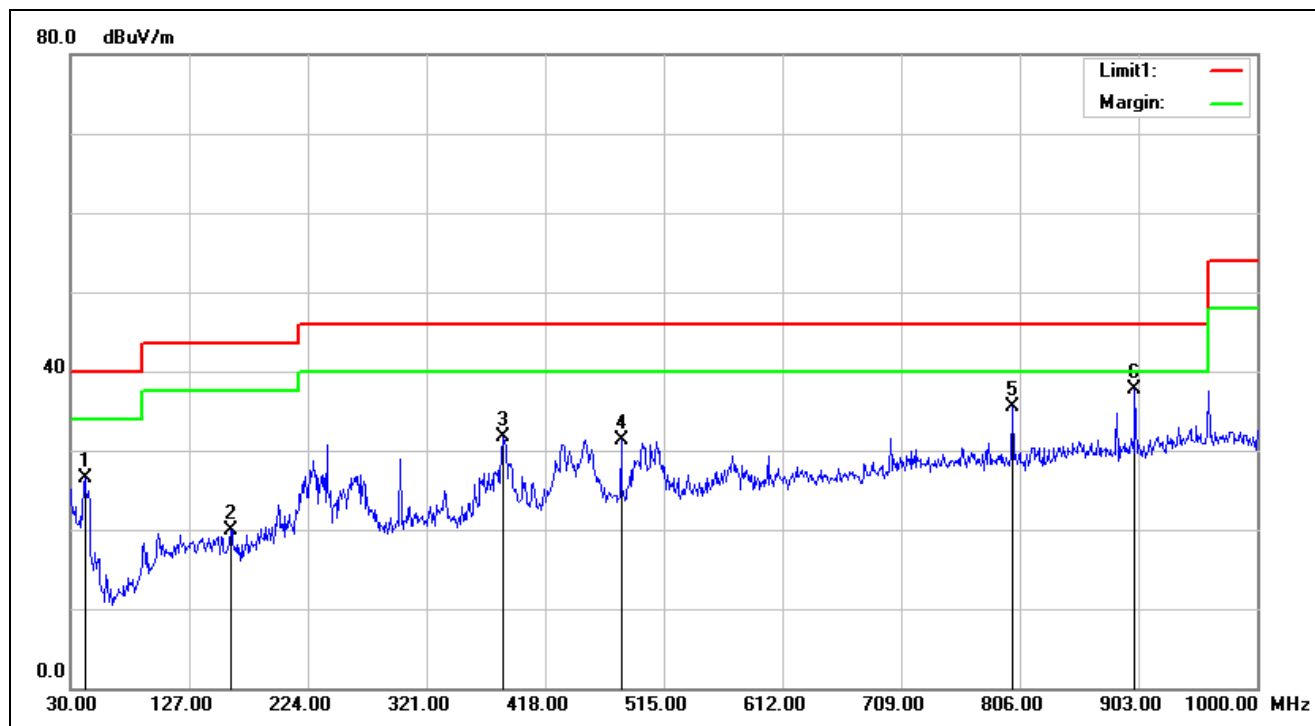
Spurious Emissions, RX Mode, 30M-1G



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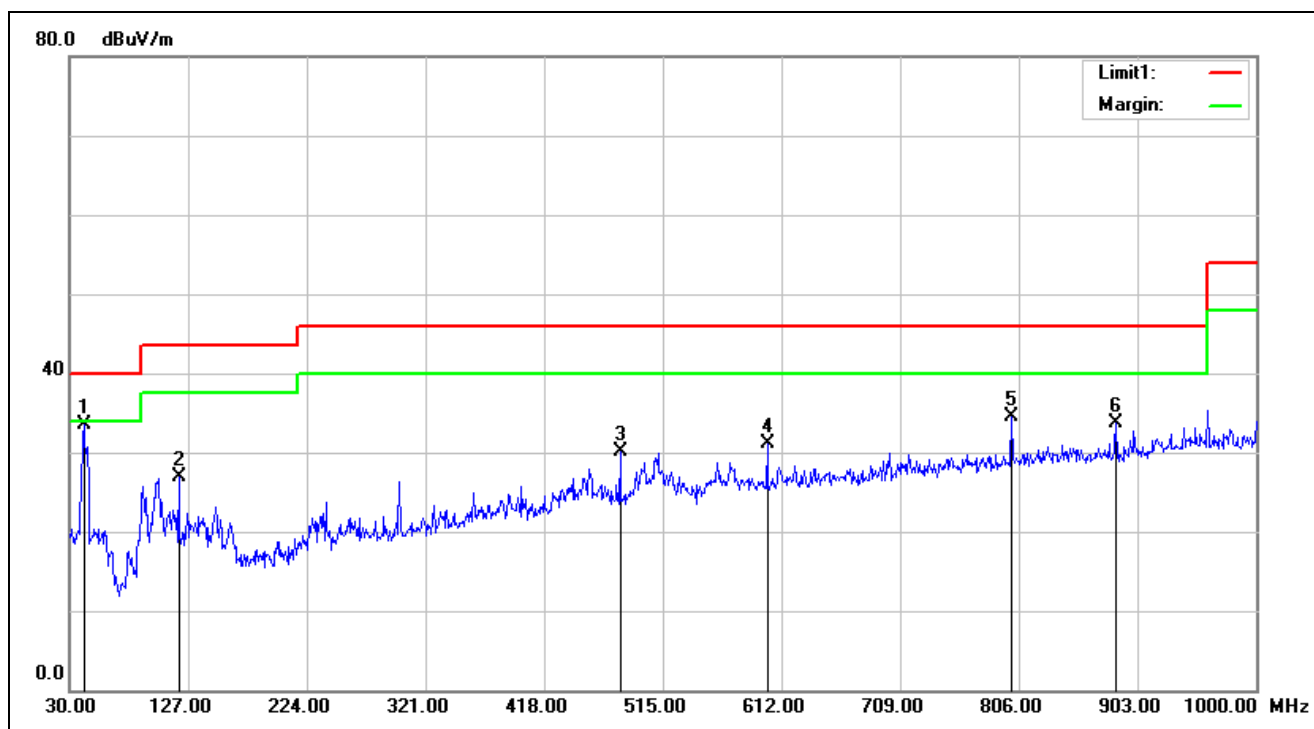
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Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/9/6 11:49:19
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	41.6400	-6.82	33.28	26.46	40.00	-13.54	QP	100	219	
2	160.9499	-8.16	28.15	19.99	43.50	-23.51	QP	100	195	
3	384.0500	-2.72	34.39	31.67	46.00	-14.33	QP	100	22	
4	480.0799	-1.47	32.74	31.27	46.00	-14.73	QP	100	235	
5	800.1799	2.77	32.83	35.60	46.00	-10.40	QP	100	102	
6	900.0900	4.06	33.61	37.67	46.00	-8.33	QP	100	168	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/9/6 11:54:22
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	41.6400	-6.82	40.29	33.47	40.00	-6.53	QP	100	184	
2	119.2399	-7.50	34.34	26.84	43.50	-16.66	QP	100	145	
3	480.0799	-1.47	31.51	30.04	46.00	-15.96	QP	100	179	
4	600.3600	0.08	31.06	31.14	46.00	-14.86	QP	100	81	
5	800.1799	2.77	31.77	34.54	46.00	-11.46	QP	100	120	
6	885.5399	3.96	29.73	33.69	46.00	-12.31	QP	100	163	

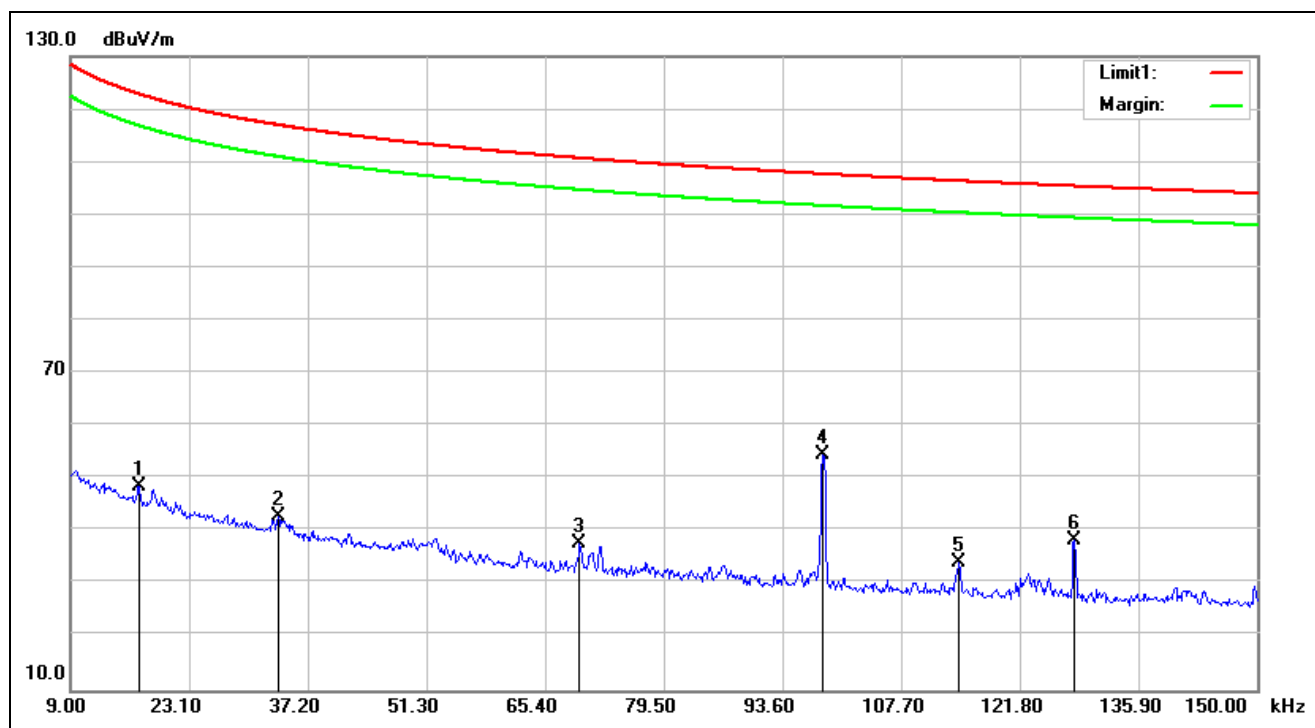
Spurious Emissions, RX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

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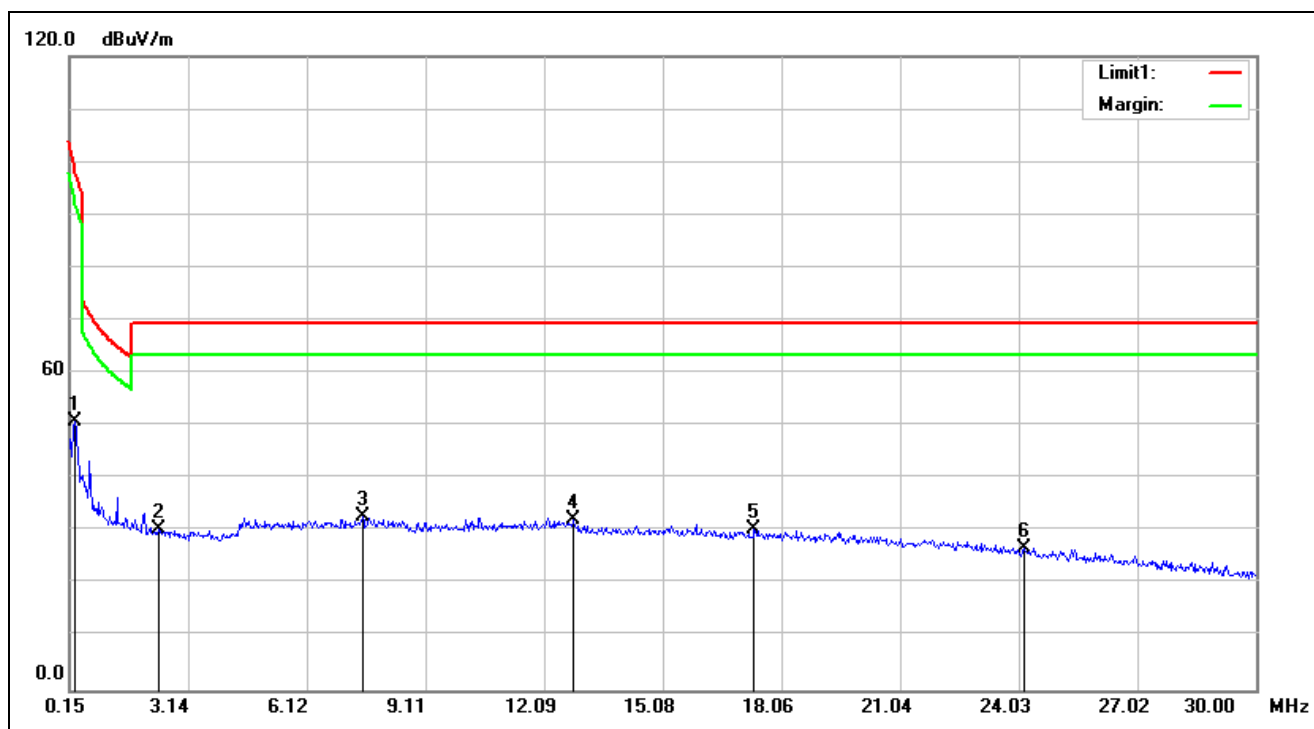
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/9/6 12:36:13
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%)	22.4(°C)/52 %
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0171	20.00	28.46	48.46	122.85	-74.39	QP	100	254	
2	0.0337	20.00	22.80	42.80	116.97	-74.17	QP	100	132	
3	0.0694	19.31	18.41	37.72	110.72	-73.00	QP	100	94	
4	0.0984	19.14	35.36	54.50	107.70	-53.20	QP	100	182	
5	0.1146	19.12	14.96	34.08	106.38	-72.30	QP	100	269	
6	0.1283	19.10	19.28	38.38	105.40	-67.02	QP	100	235	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114068354	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/9/6 12:39:00
Applicant:	InnoComm	Test Rating:	DC 5V
Product:	InnoComm BT5.0 Module	Temp.(°C)/Hum.(%):	22.4(°C)/52%
Model No.:	BM15_ANR2	Test Engineer:	Kai Wang
Test Mode:	2440-Rx		
Remark:	LE 1M		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.2993	18.94	31.87	50.81	98.05	-47.24	QP	100	245	
2	2.3887	18.66	11.76	30.42	69.50	-39.08	QP	100	135	
3	7.5229	19.99	12.78	32.77	69.50	-36.73	QP	100	117	
4	12.8362	20.72	11.47	32.19	69.50	-37.31	QP	100	68	
5	17.3733	21.52	8.93	30.45	69.50	-39.05	QP	100	305	
6	24.1494	22.26	4.56	26.82	69.50	-42.68	QP	100	126	