

Test Report No.50126586 001

Appendix D: Radiated and Mains Spurious Emission Data

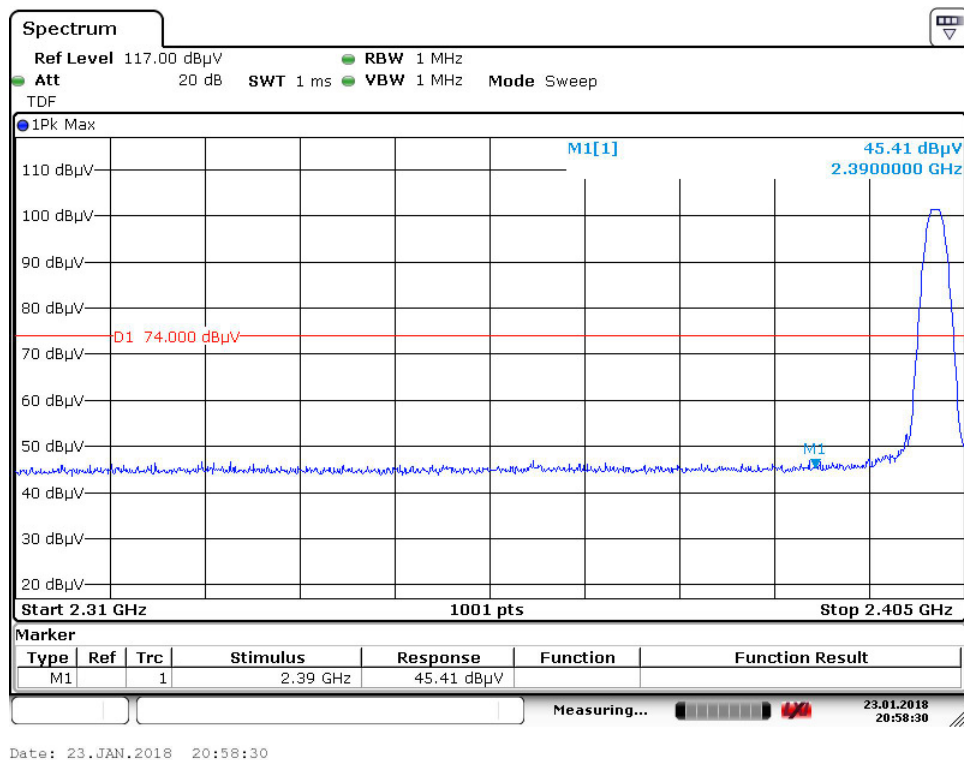
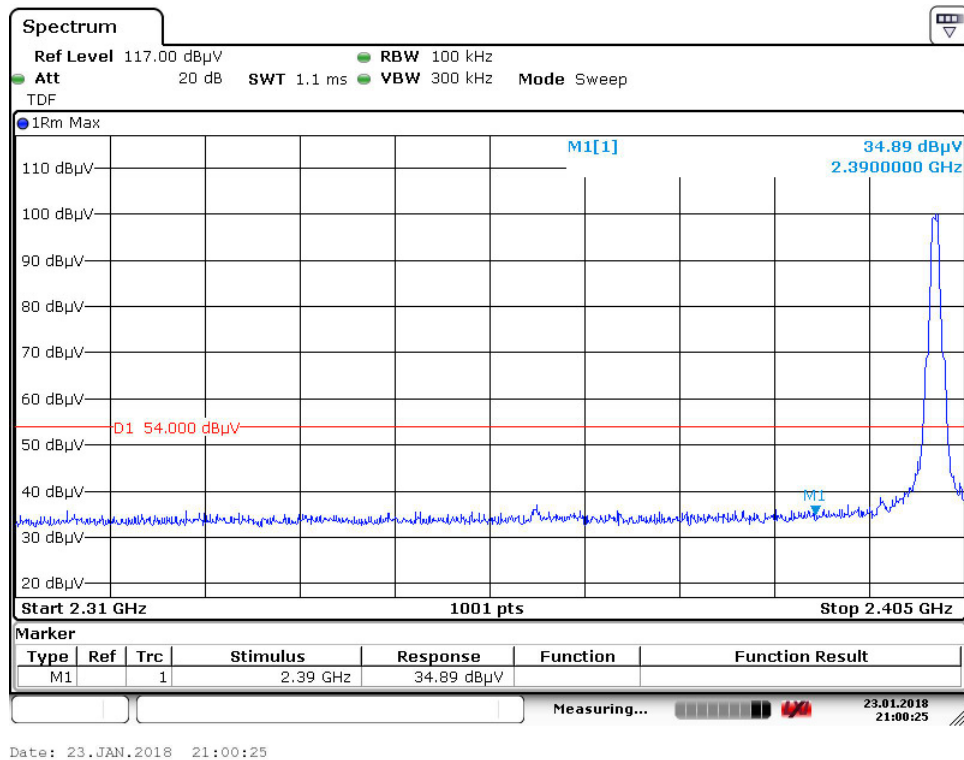
(File: 50126586AppendixD)

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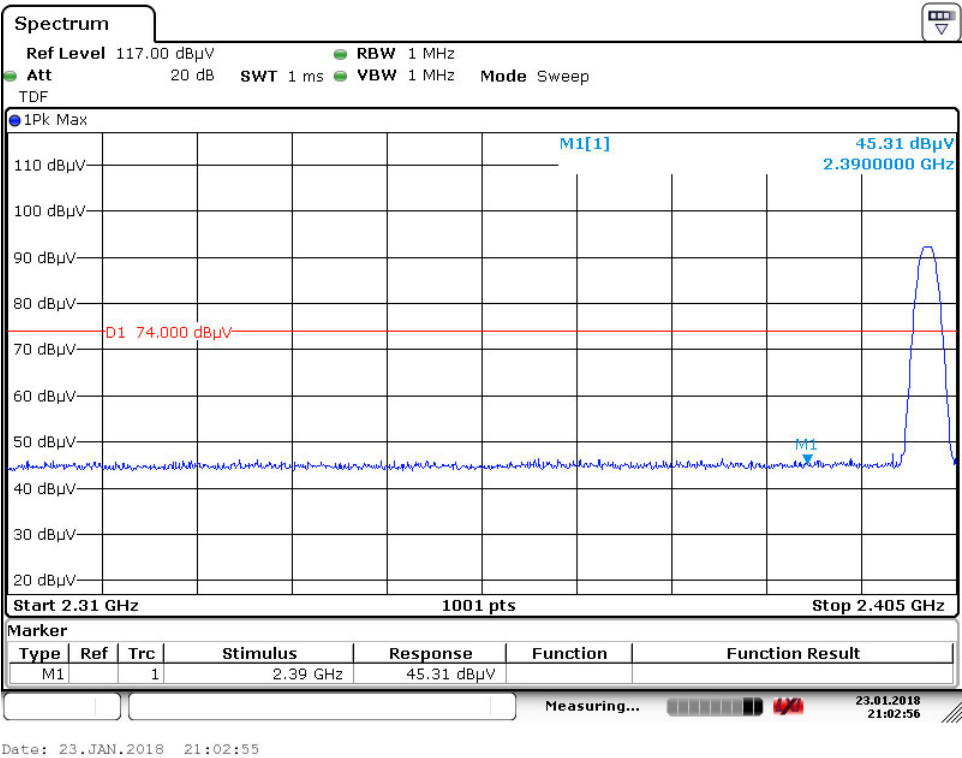
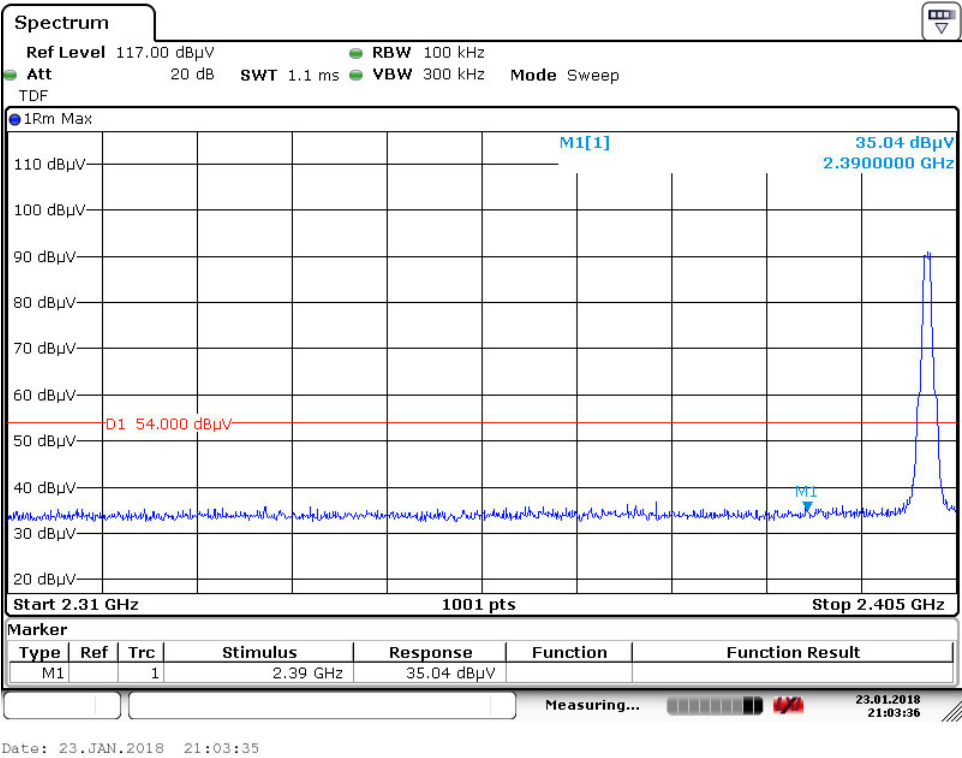
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Radiated Bandedge (GFSK), 1M

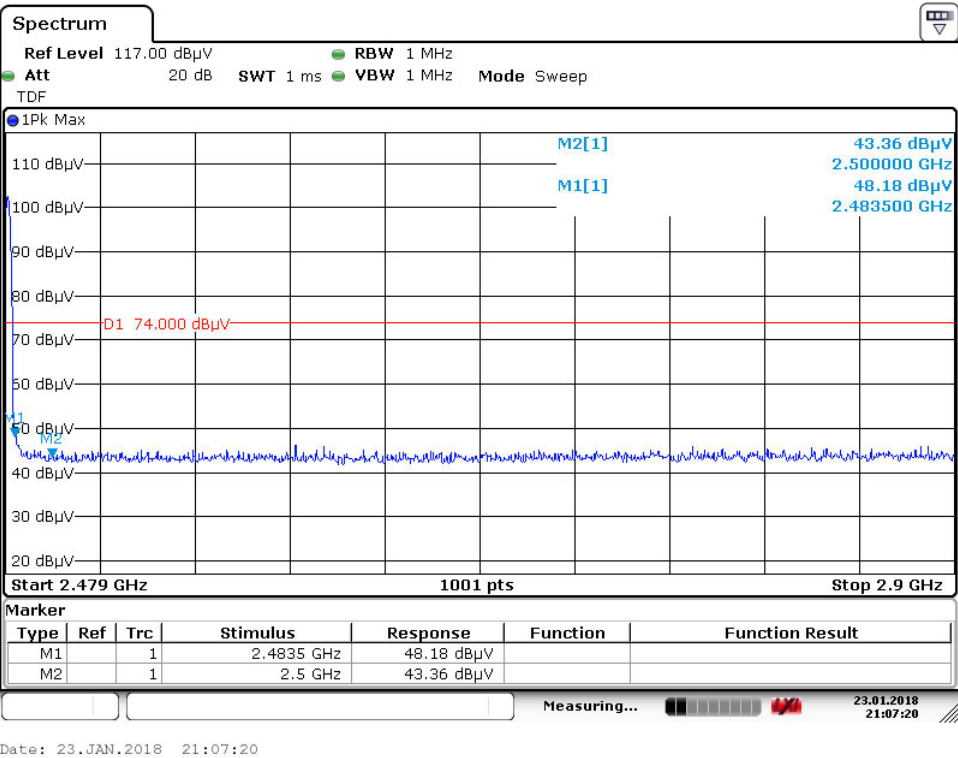
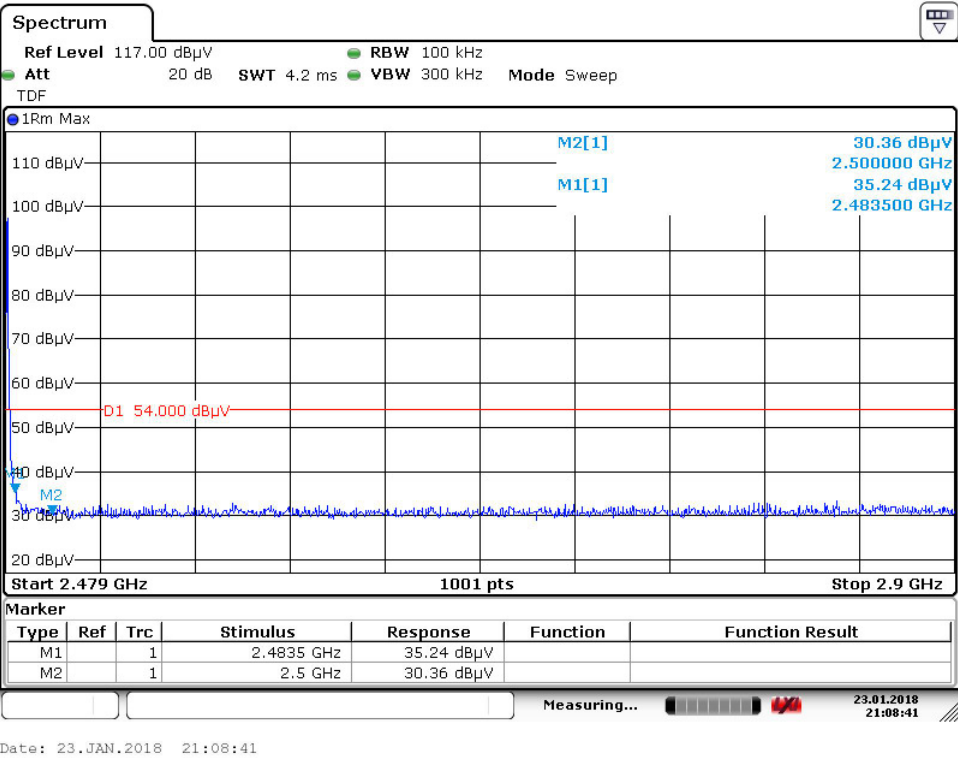
Low Channel (Hor)



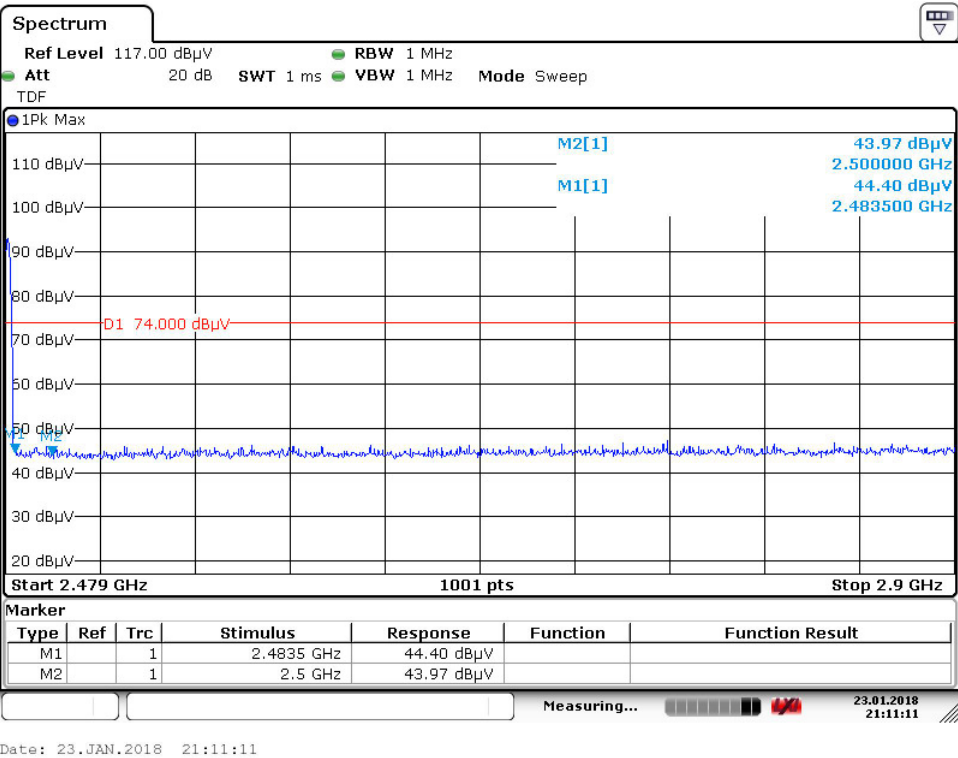
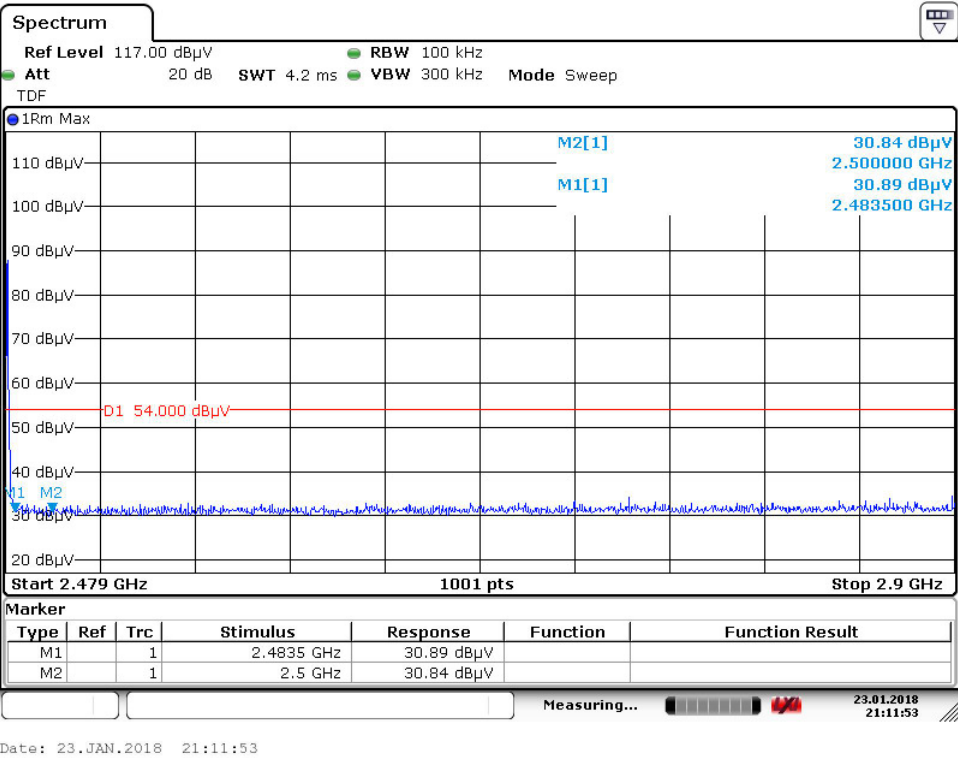
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High Channel (Hor)

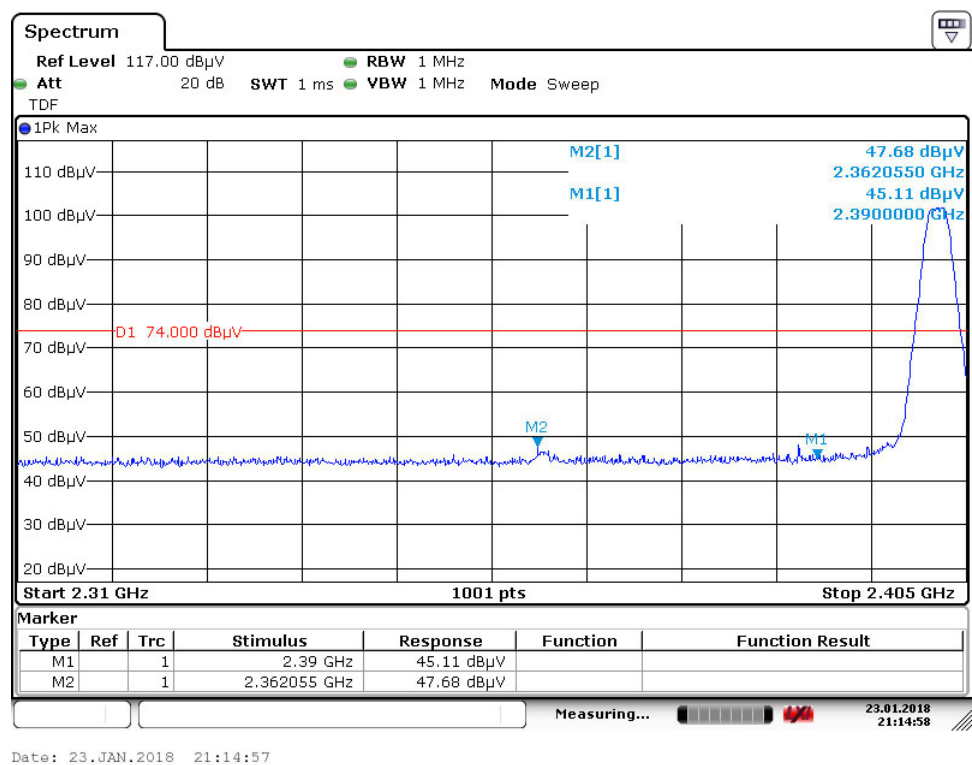
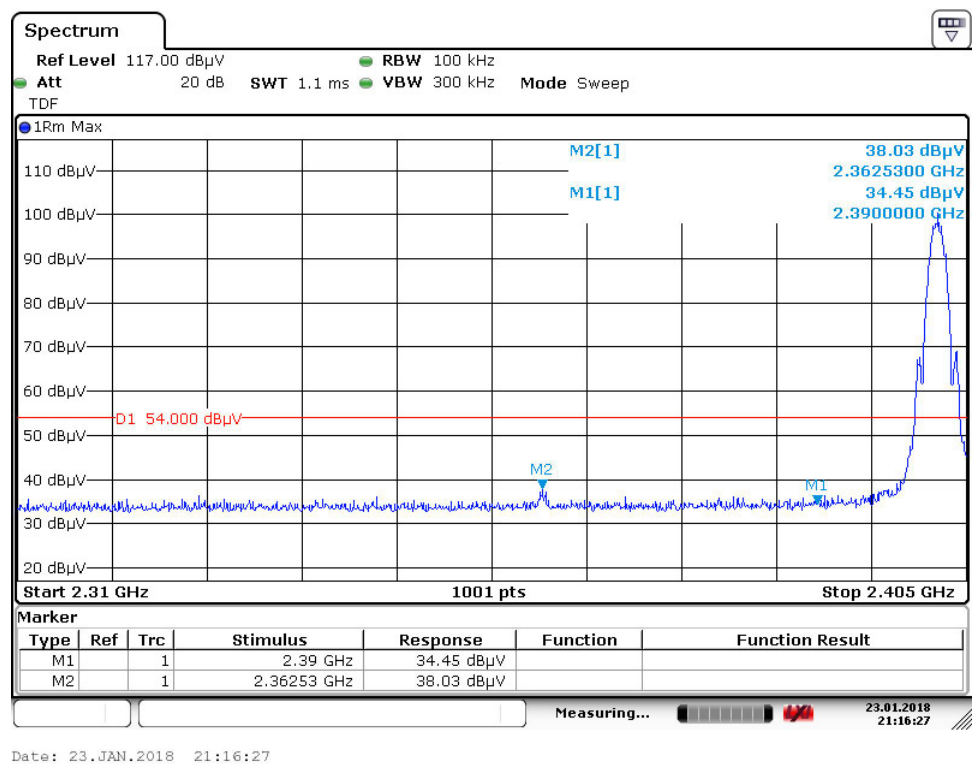


High Channel (Ver)



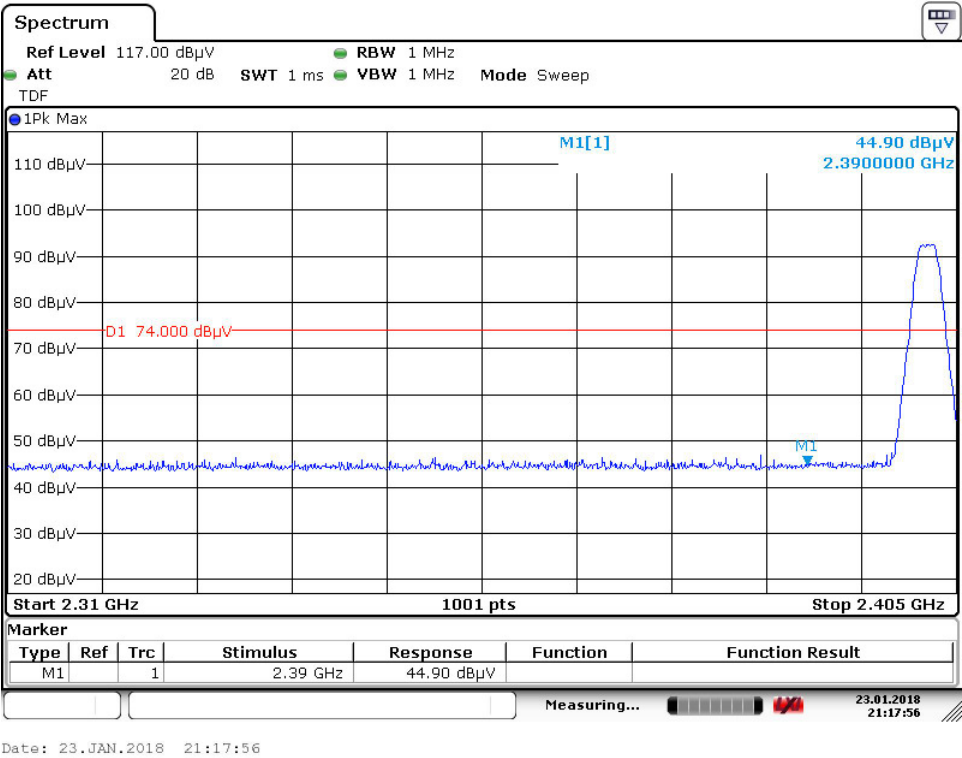
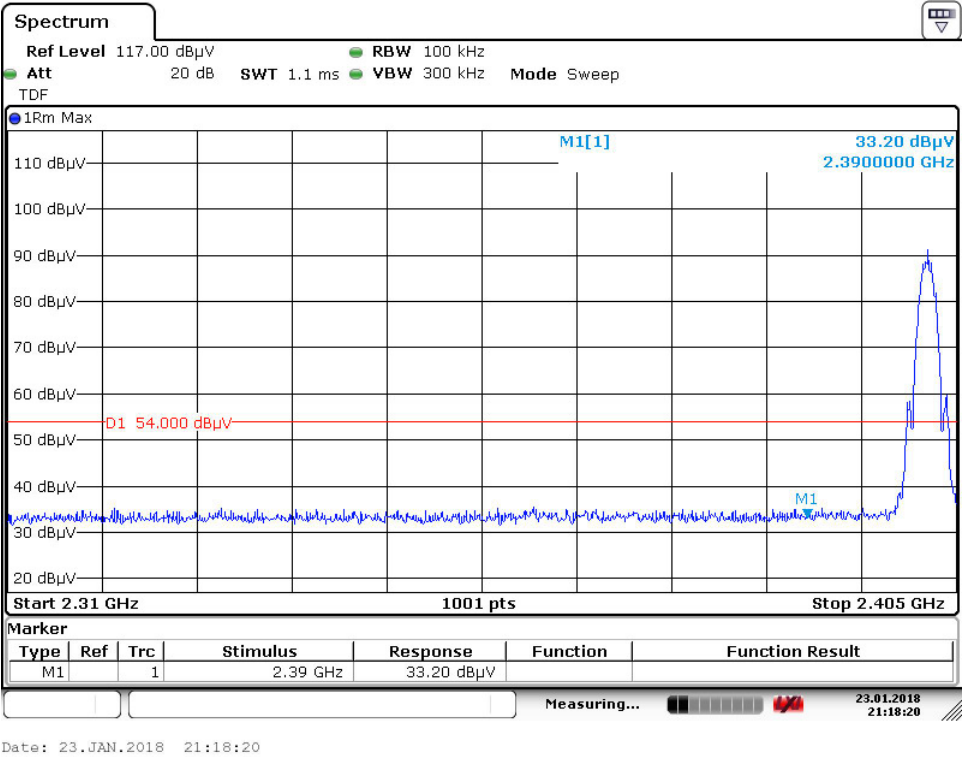
Radiated Bandedge (GFSK), 2M

Low Channel (Hor)

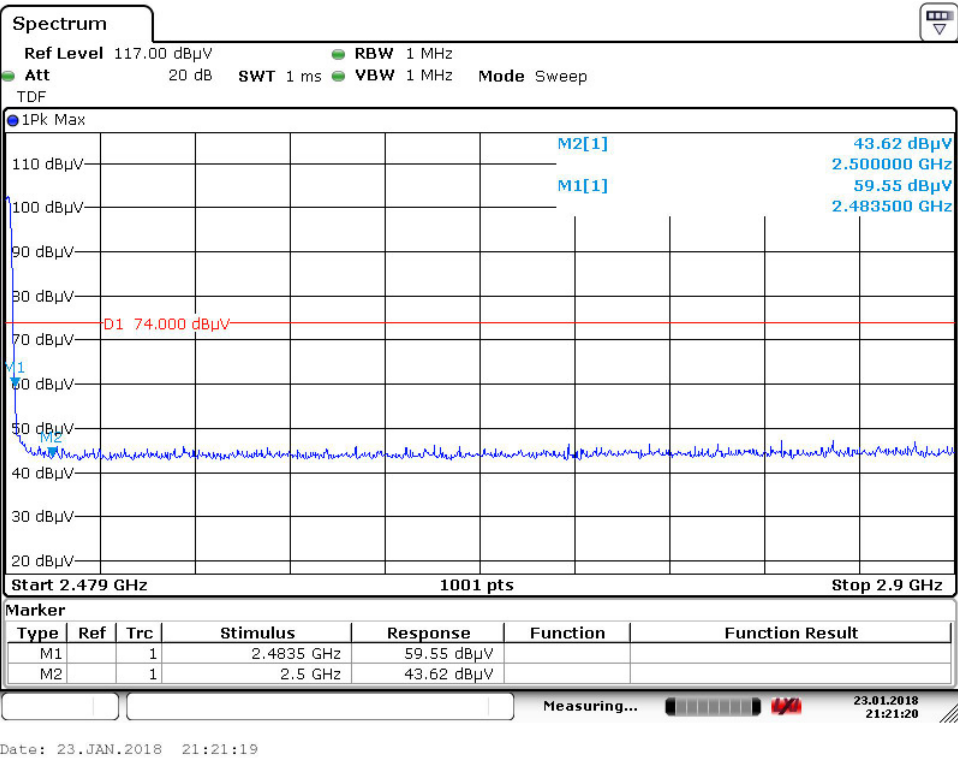
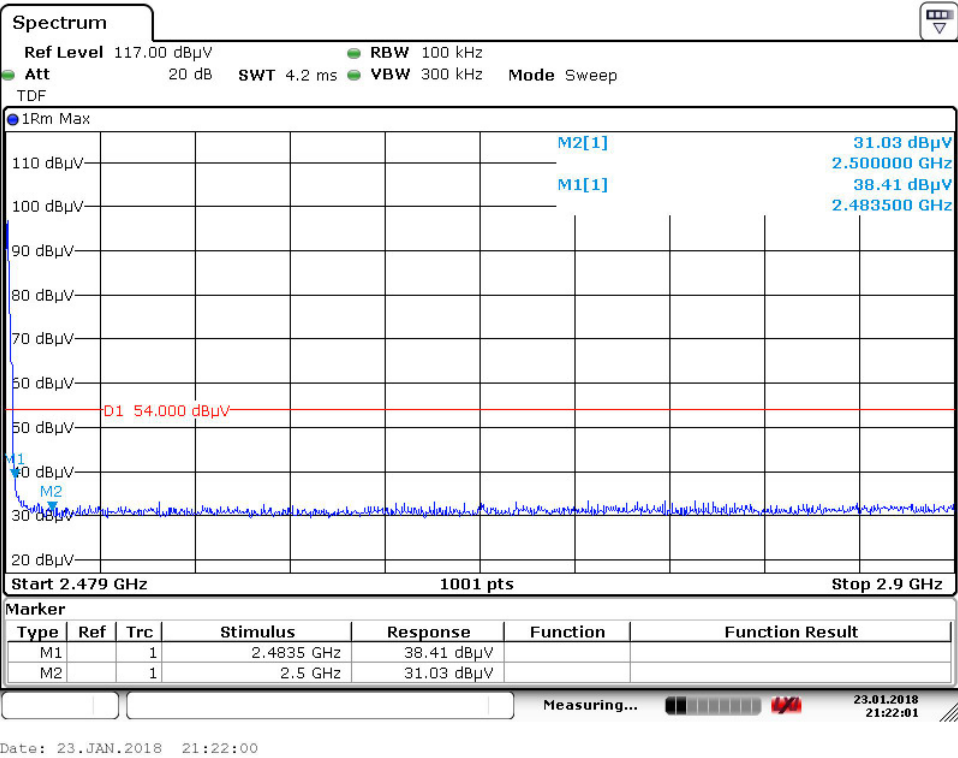


Spurious Emissions, Band Edge, 2.35-2.5G

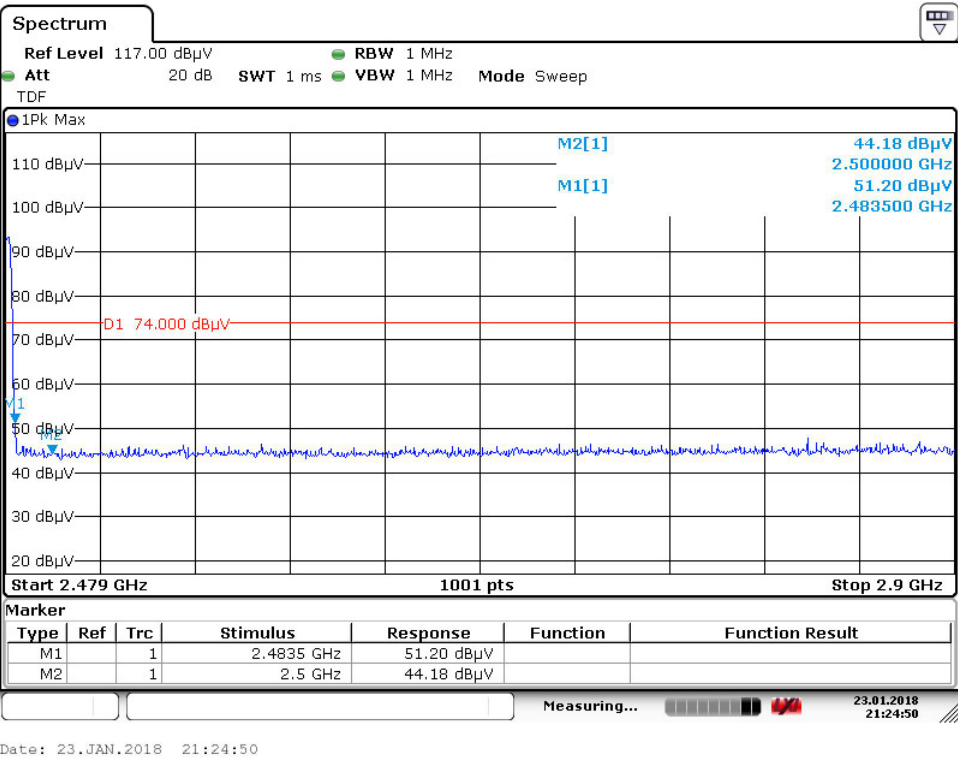
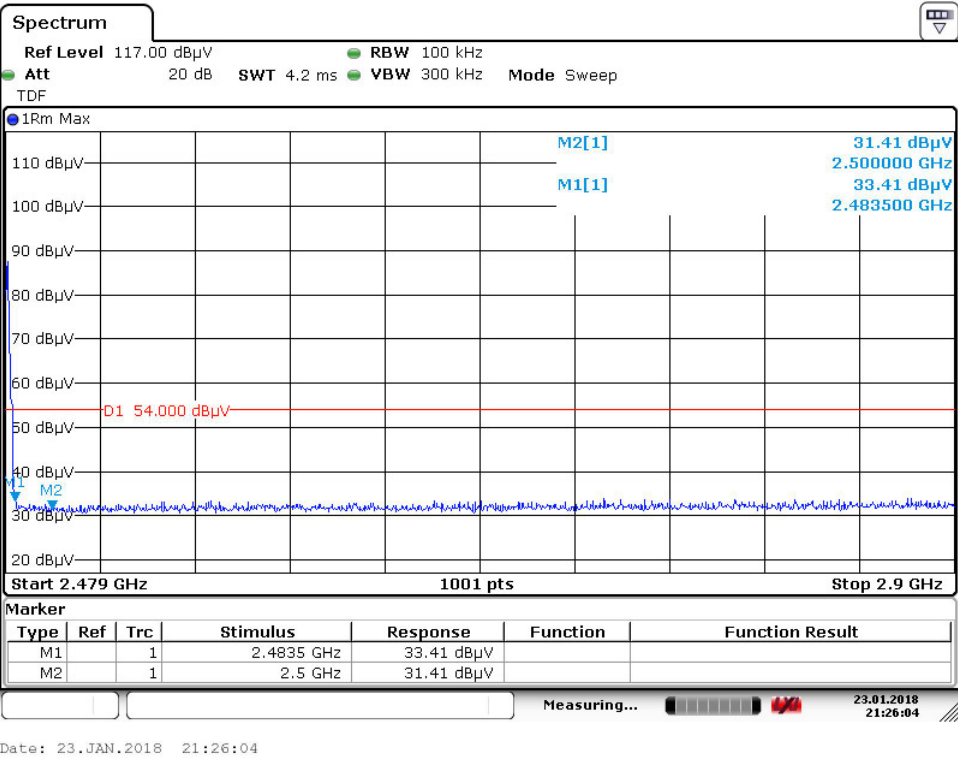
Low Channel (Ver)



High Channel (Hor)



High Channel (Ver)



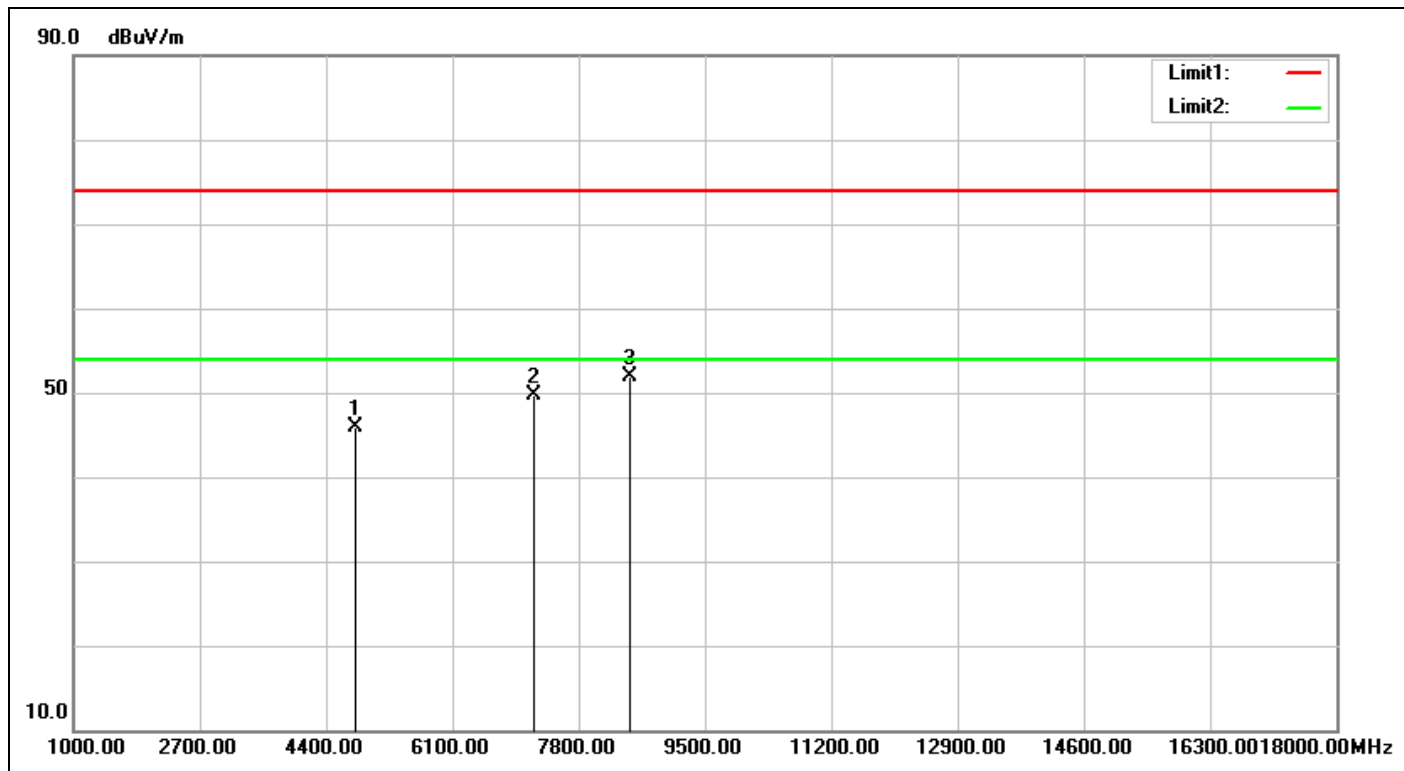
Spurious Emissions, TX Mode, 1-18G



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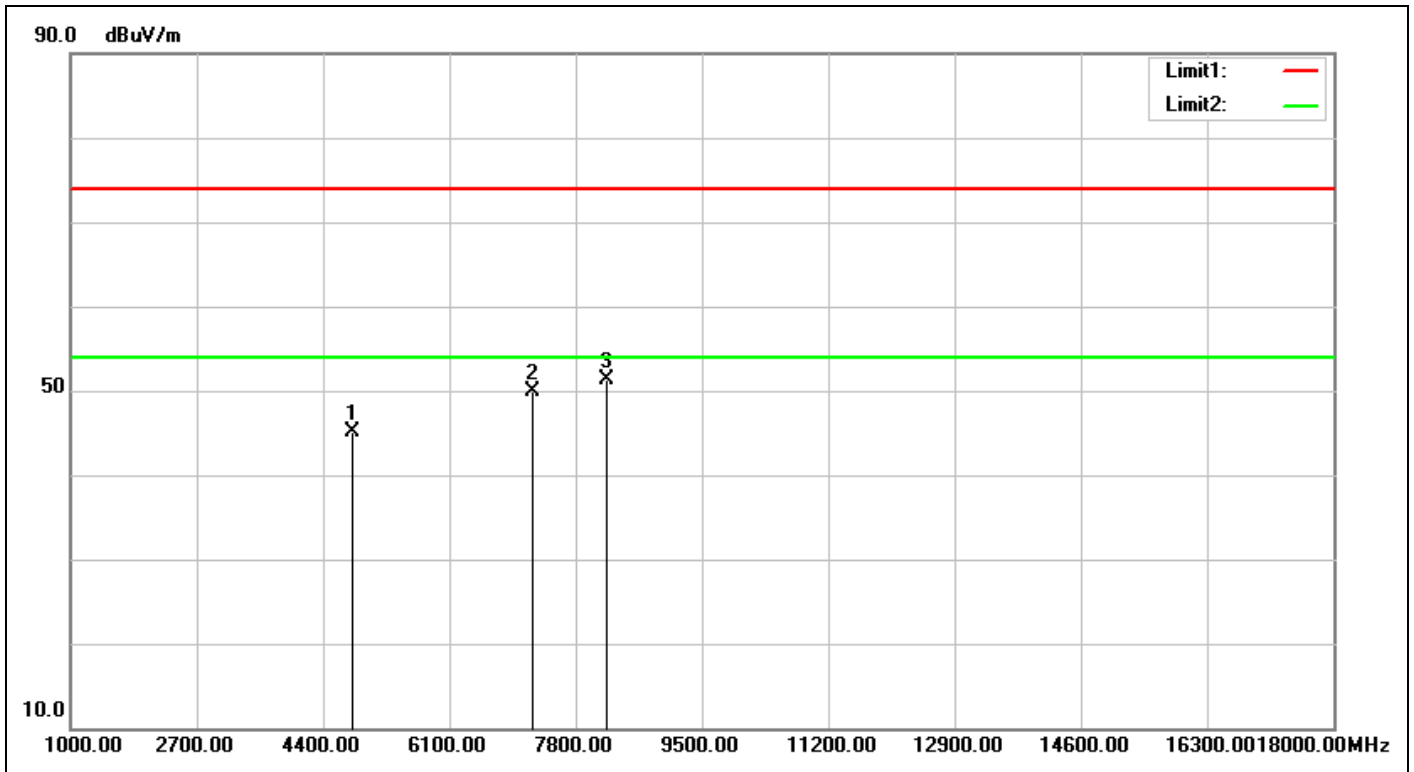
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



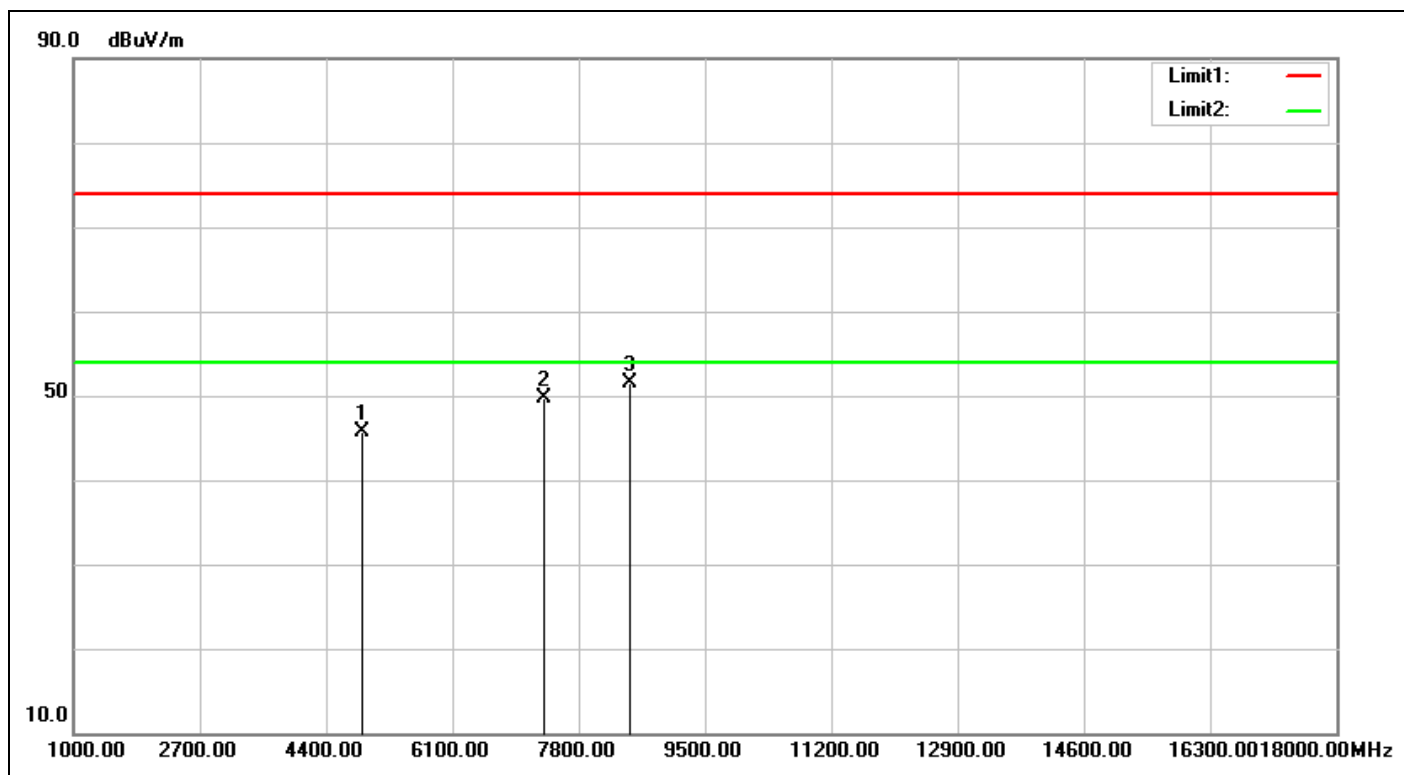
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 20:24:25
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	48.71	45.99	74.00	-28.01	peak		0	
2	7206.000	5.25	44.51	49.76	74.00	-24.24	peak		0	
3	8497.000	6.38	45.55	51.93	74.00	-22.07	peak	200	304	



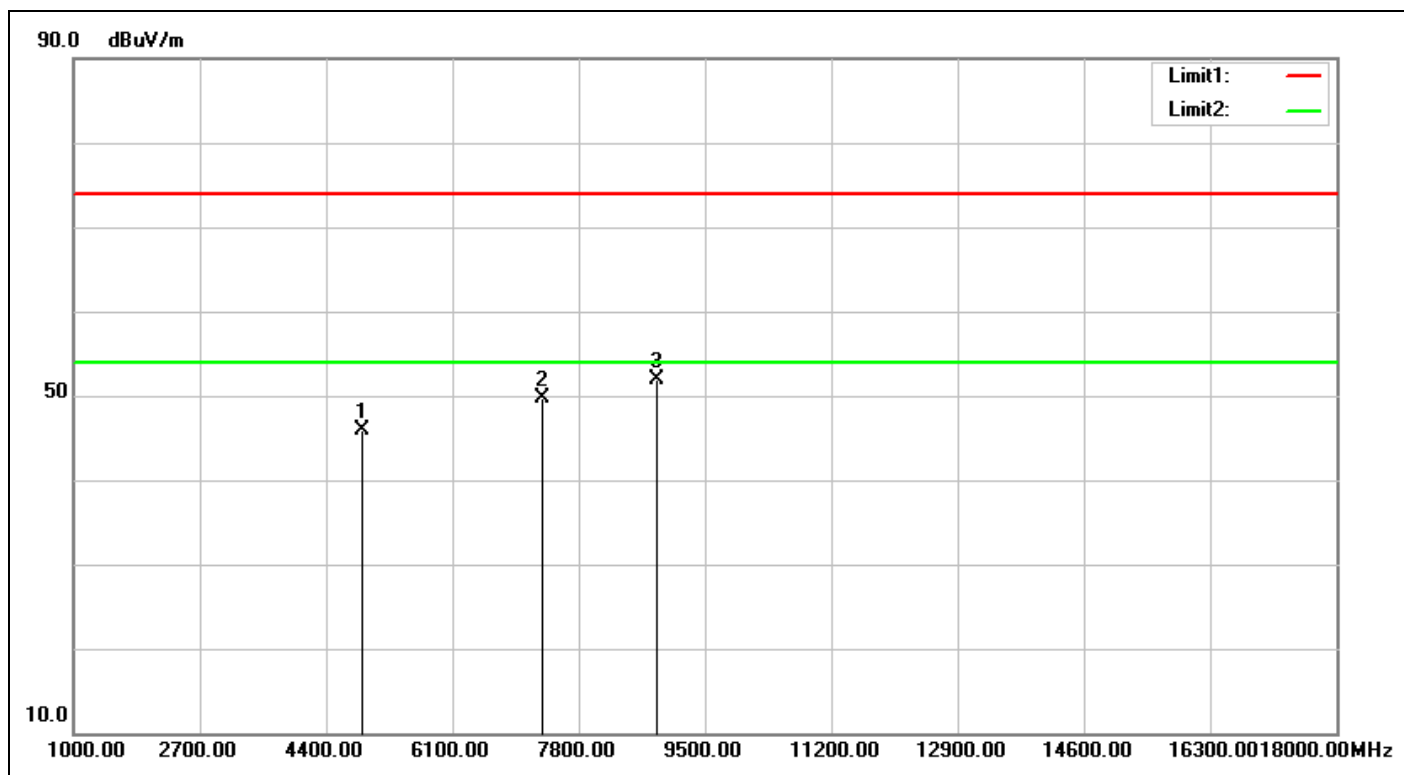
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 20:25:22
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	47.77	45.05	74.00	-28.95	peak			
2	7206.000	5.25	44.73	49.98	74.00	-24.02	peak			
3	8225.000	6.07	45.26	51.33	74.00	-22.67	peak	200	185	



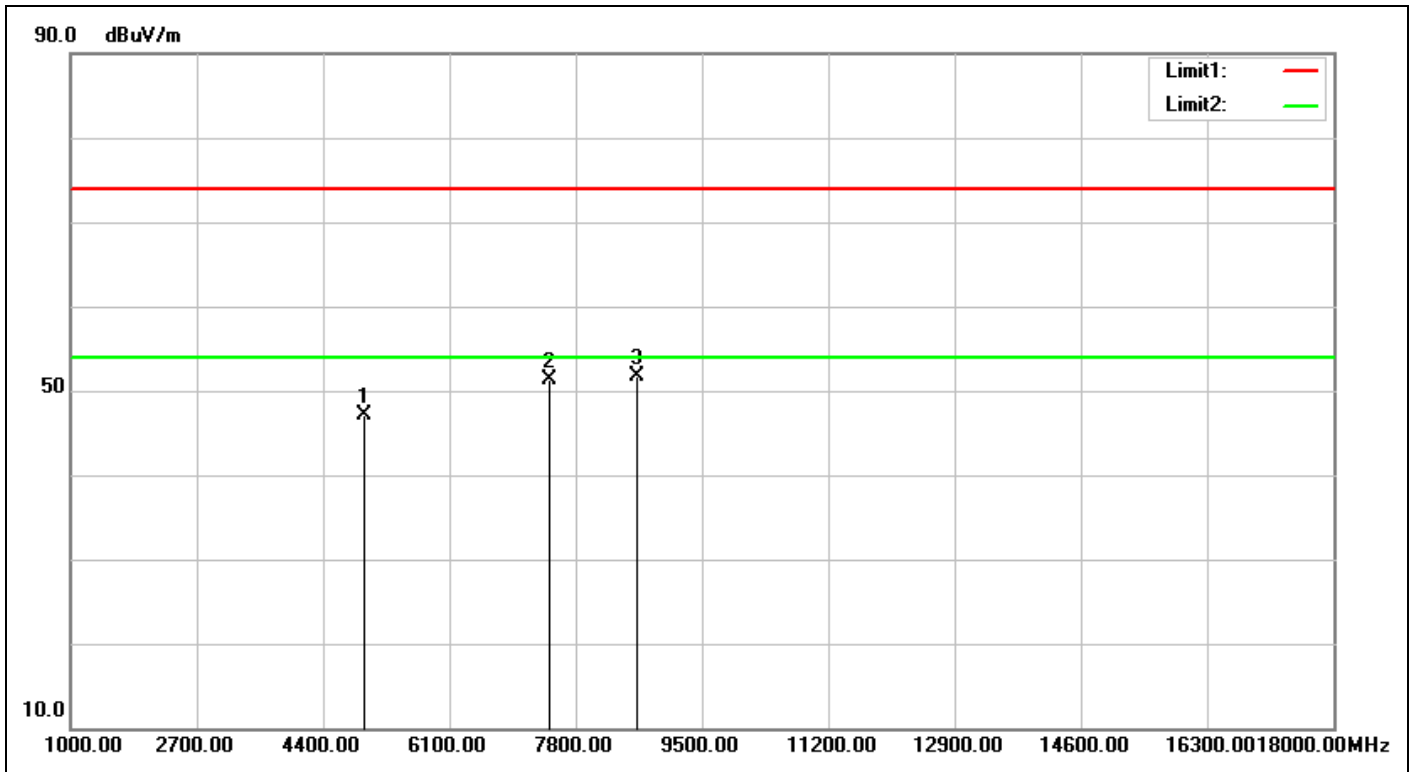
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 20:27:23
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.50	48.30	45.80	74.00	-28.20	peak			
2	7320.000	5.54	44.16	49.70	74.00	-24.30	peak			
3	8480.000	6.35	45.24	51.59	74.00	-22.41	peak	200	323	



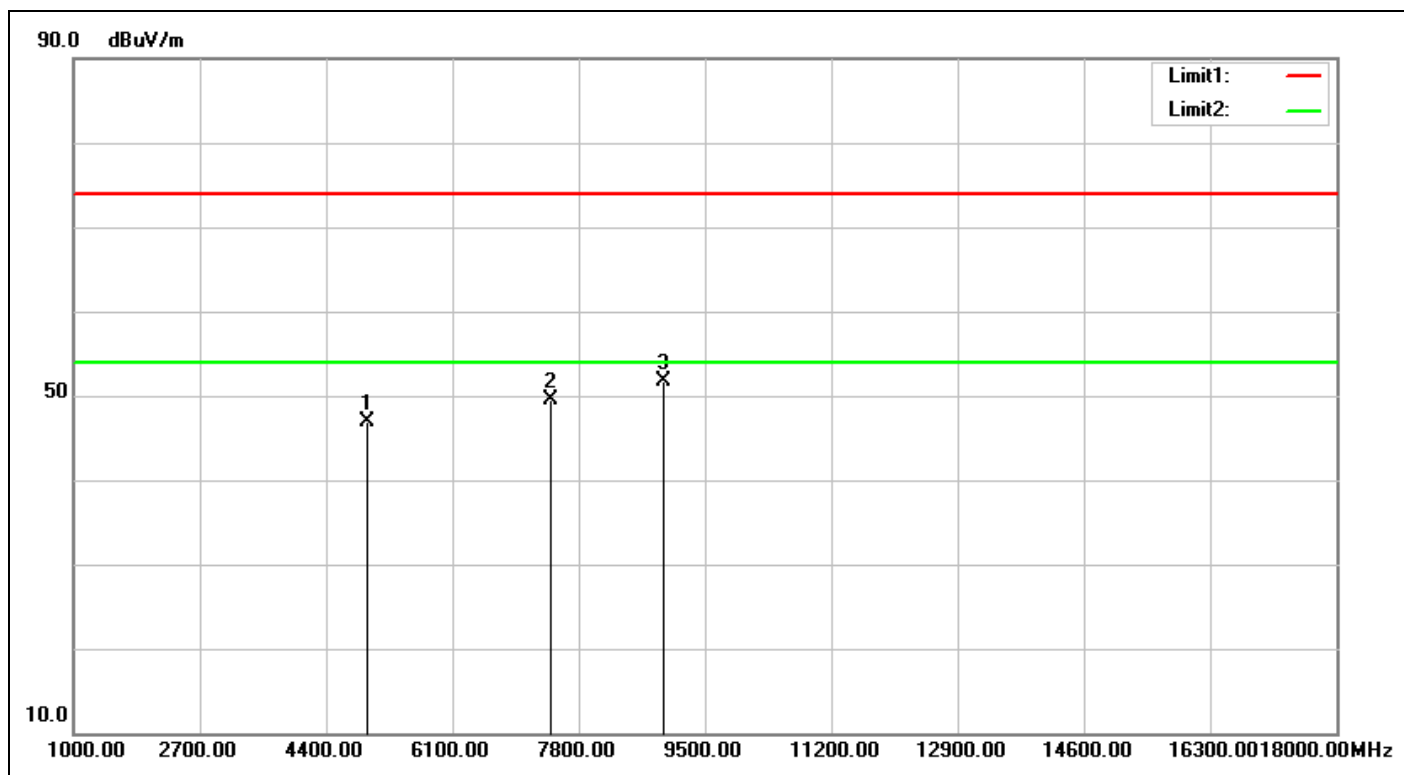
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Test item:	Radiation Emission	Test Time:	2018/1/29 20:28:20
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.50	48.38	45.88	74.00	-28.12	peak			
2	7320.000	5.54	44.10	49.64	74.00	-24.36	peak			
3	8854.000	6.42	45.48	51.90	74.00	-22.10	peak	200	207	



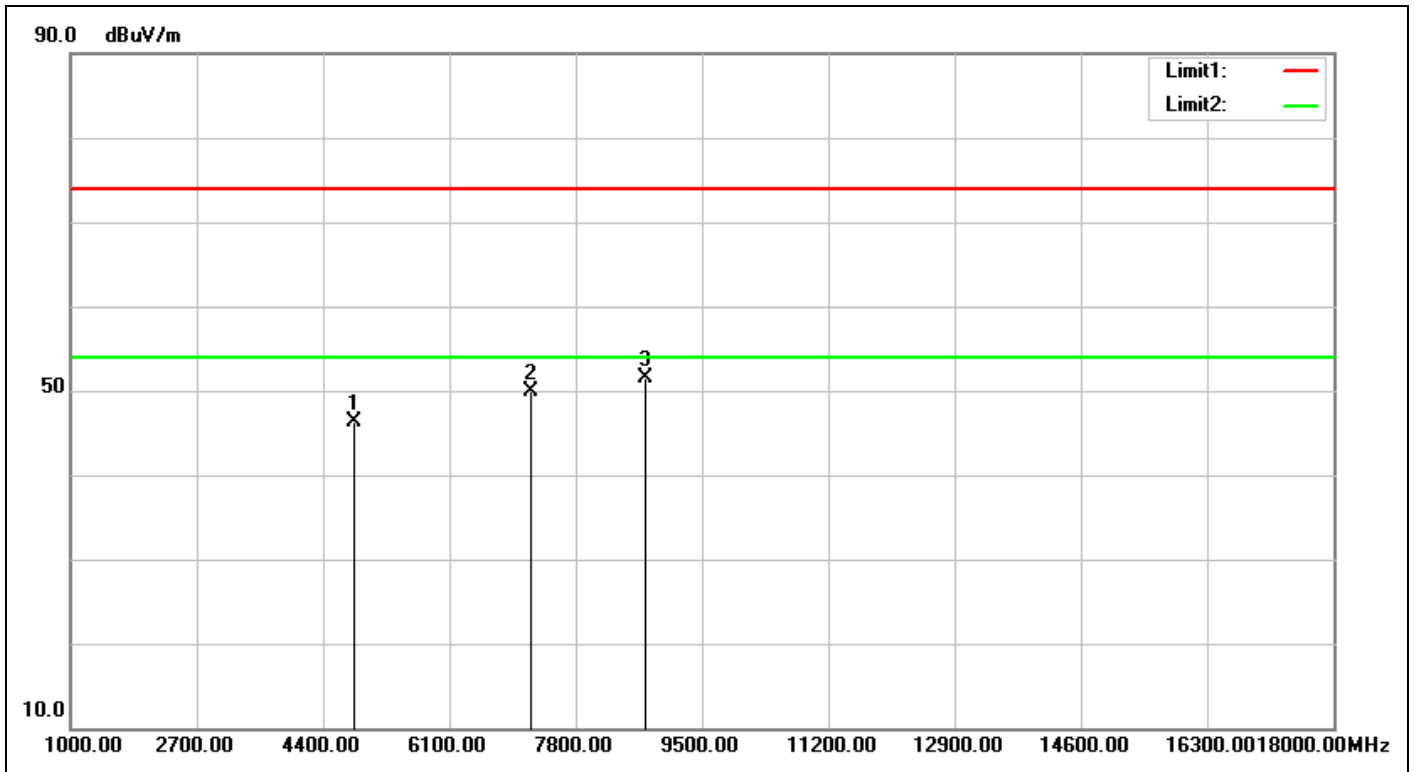
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Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	49.37	47.09	74.00	-26.91	peak			
2	7440.000	5.84	45.42	51.26	74.00	-22.74	peak			
3	8633.000	6.39	45.31	51.70	74.00	-22.30	peak	200	122	



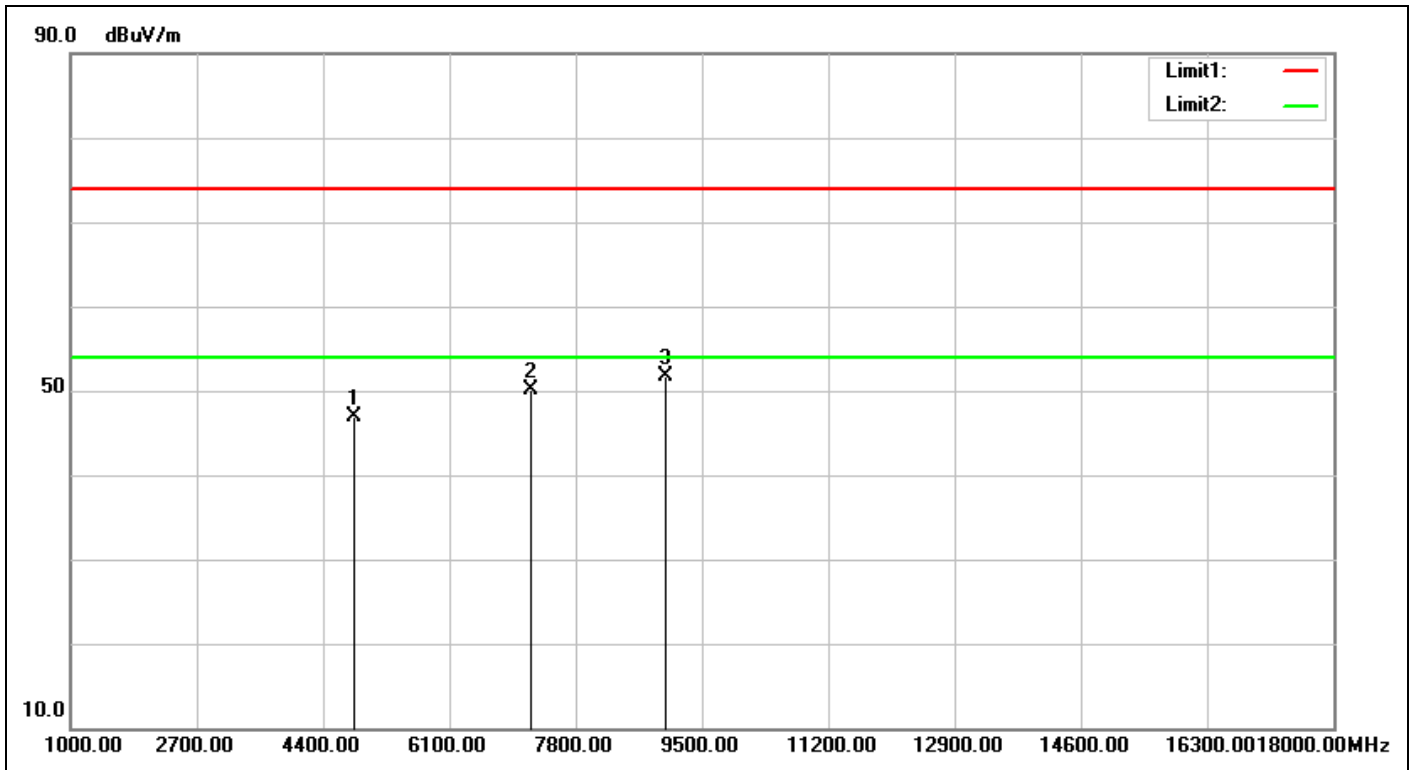
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Test item:	Radiation Emission	Test Time:	2018/1/29 20:31:23
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	49.19	46.91	74.00	-27.09	peak			
2	7440.000	5.84	43.57	49.41	74.00	-24.59	peak			
3	8939.000	6.43	45.25	51.68	74.00	-22.32	peak	200	326	



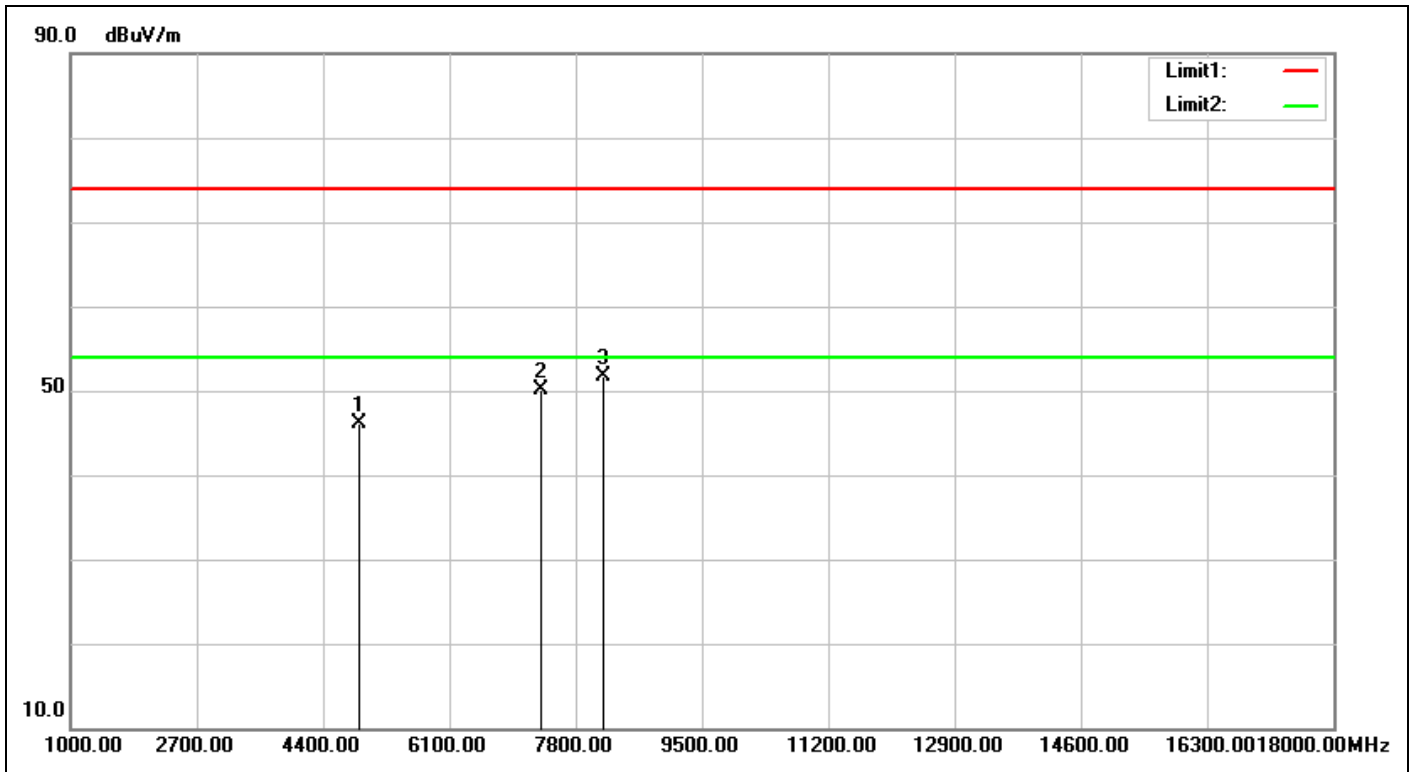
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Test item:	Radiation Emission	Test Time:	2018/1/29 20:33:17
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	48.97	46.25	74.00	-27.75	peak			
2	7206.000	5.25	44.71	49.96	74.00	-24.04	peak			
3	8735.000	6.40	45.12	51.52	74.00	-22.48	peak	200	157	



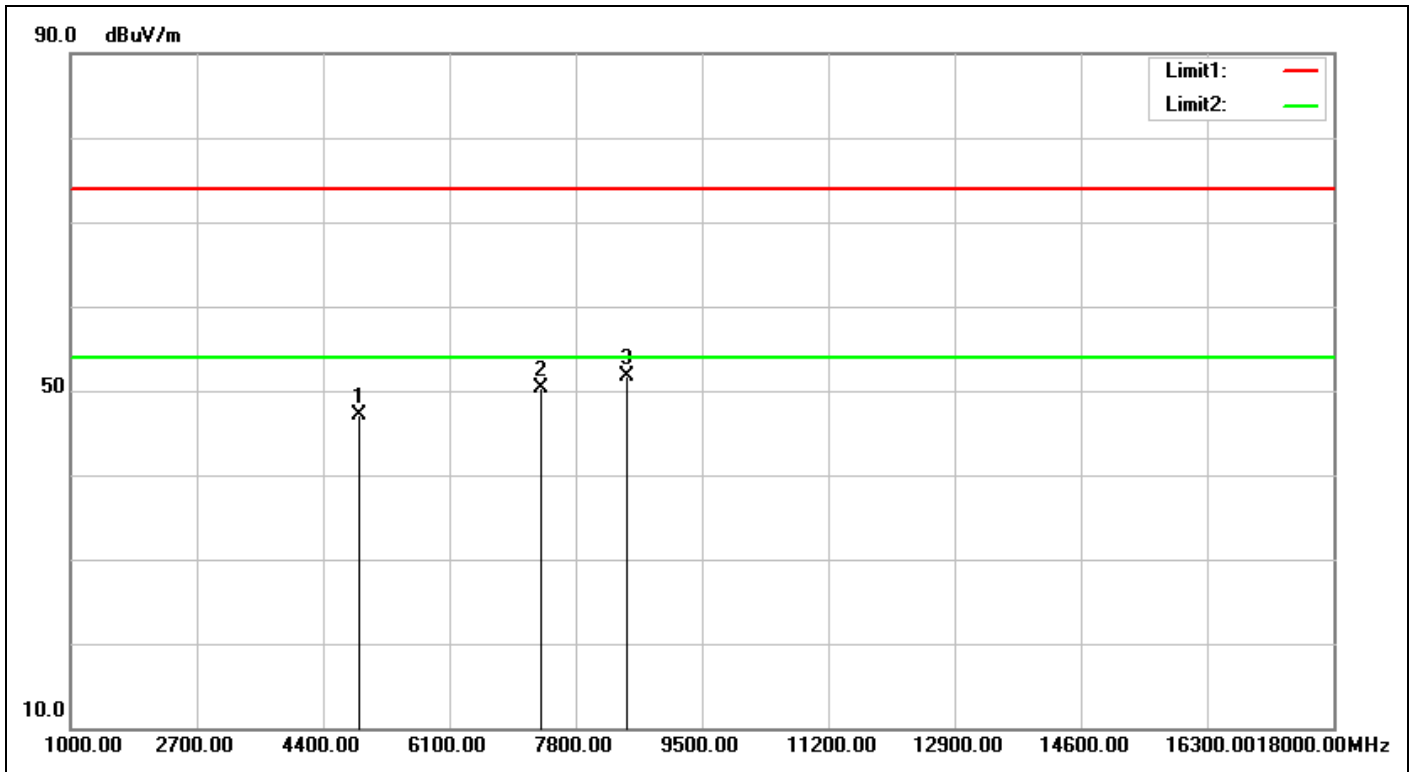
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 20:34:13
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.72	49.72	47.00	74.00	-27.00	peak			
2	7206.000	5.25	44.92	50.17	74.00	-23.83	peak			
3	9007.000	6.44	45.26	51.70	74.00	-22.30	peak	200	62	



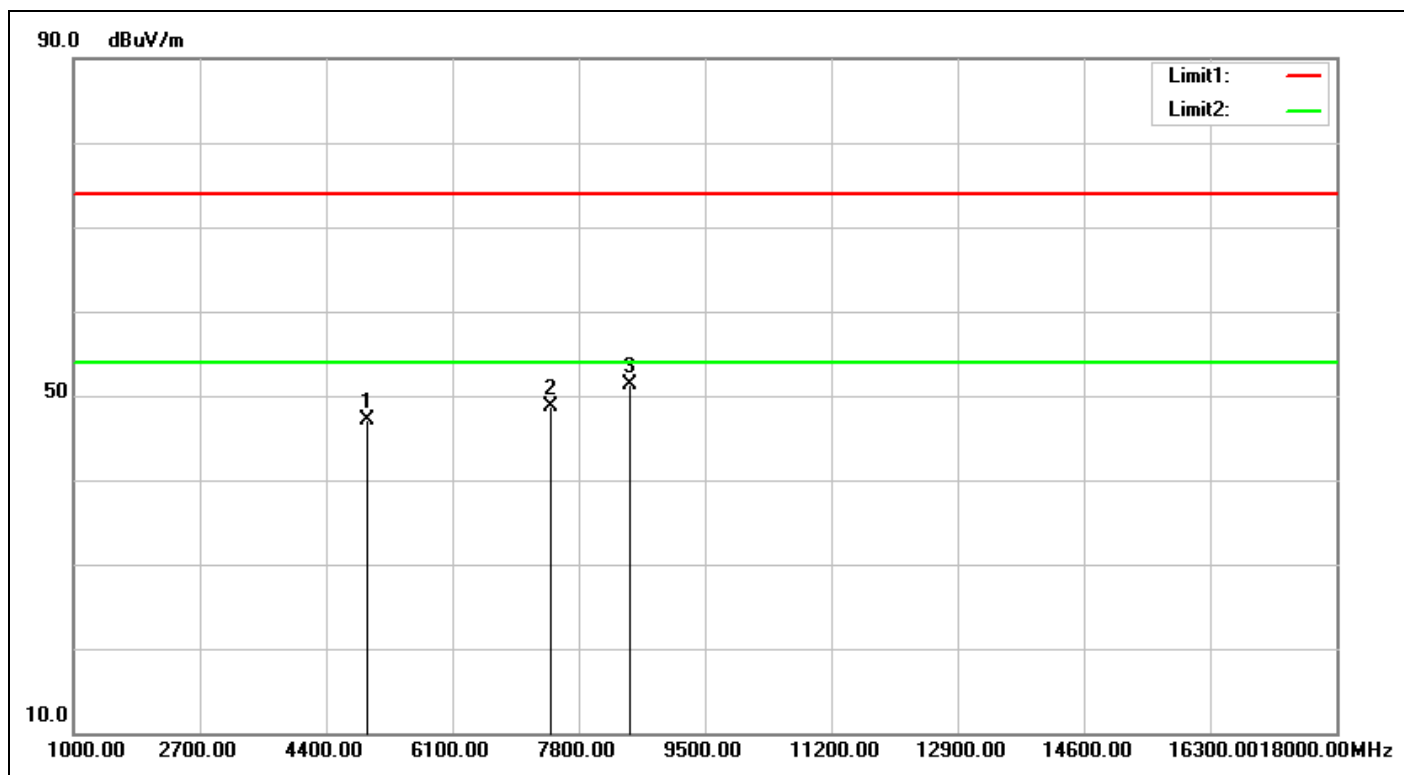
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 20:36:12
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.50	48.63	46.13	74.00	-27.87	peak			
2	7320.000	5.54	44.52	50.06	74.00	-23.94	peak			
3	8174.000	6.02	45.75	51.77	74.00	-22.23	peak	200	44	



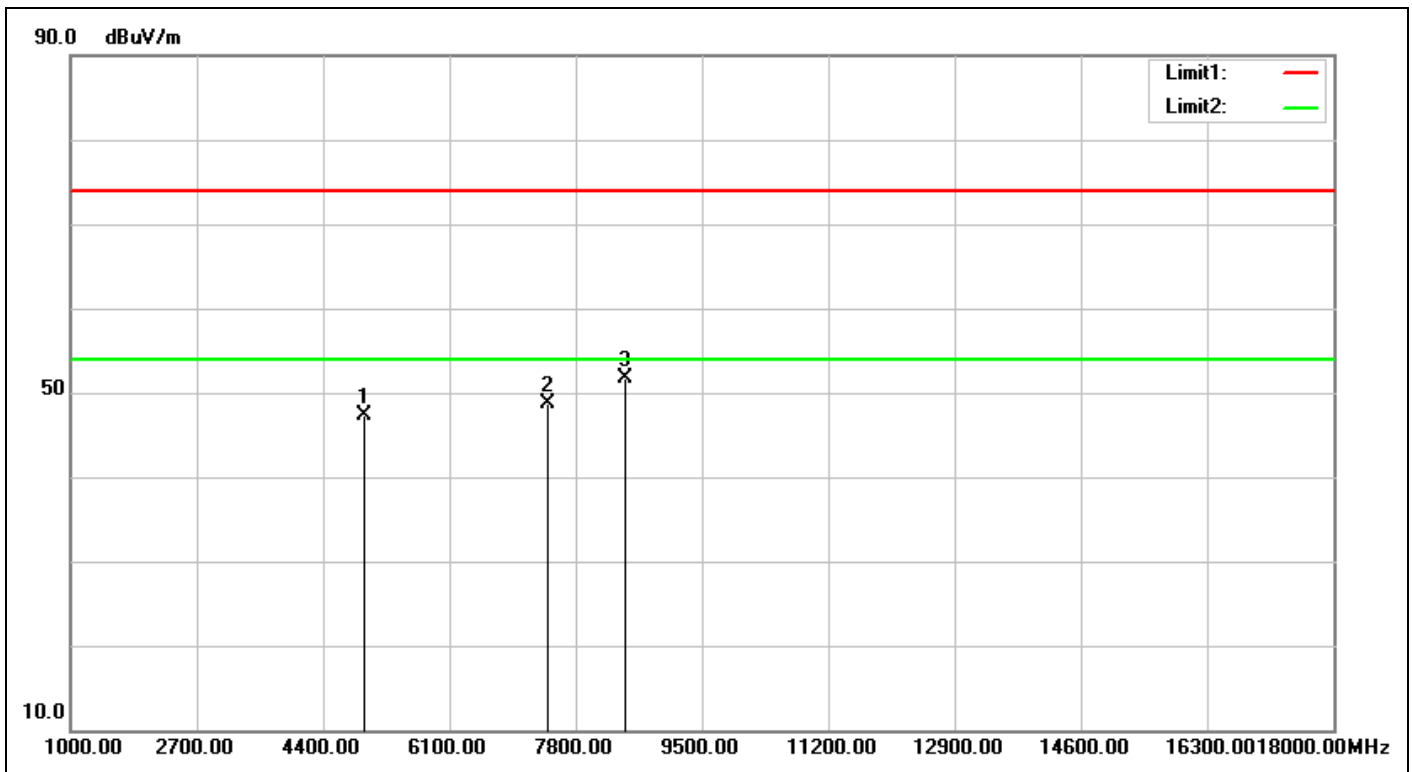
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 20:37:08
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.50	49.55	47.05	74.00	-26.95	peak			
2	7320.000	5.54	44.79	50.33	74.00	-23.67	peak			
3	8480.000	6.35	45.42	51.77	74.00	-22.23	peak	200	69	



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 20:39:22
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	49.29	47.01	74.00	-26.99	peak			
2	7440.000	5.84	42.82	48.66	74.00	-25.34	peak			
3	8480.000	6.35	45.05	51.40	74.00	-22.60	peak	200	310	



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 20:40:18
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.28	49.58	47.30	74.00	-26.70	peak			
2	7440.000	5.84	42.93	48.77	74.00	-25.23	peak			
3	8463.000	6.34	45.32	51.66	74.00	-22.34	peak	200	291	

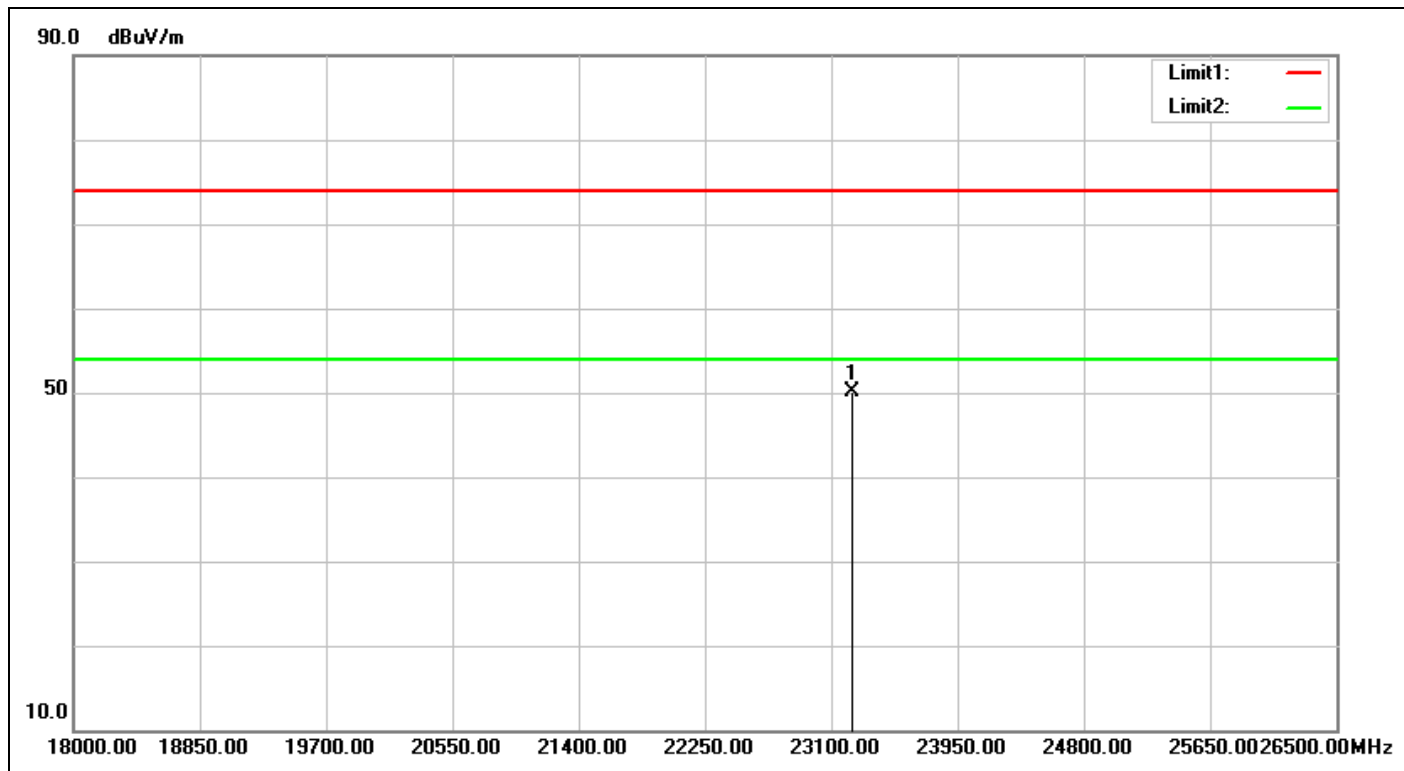
Spurious Emissions, TX Mode, 18-26.5G



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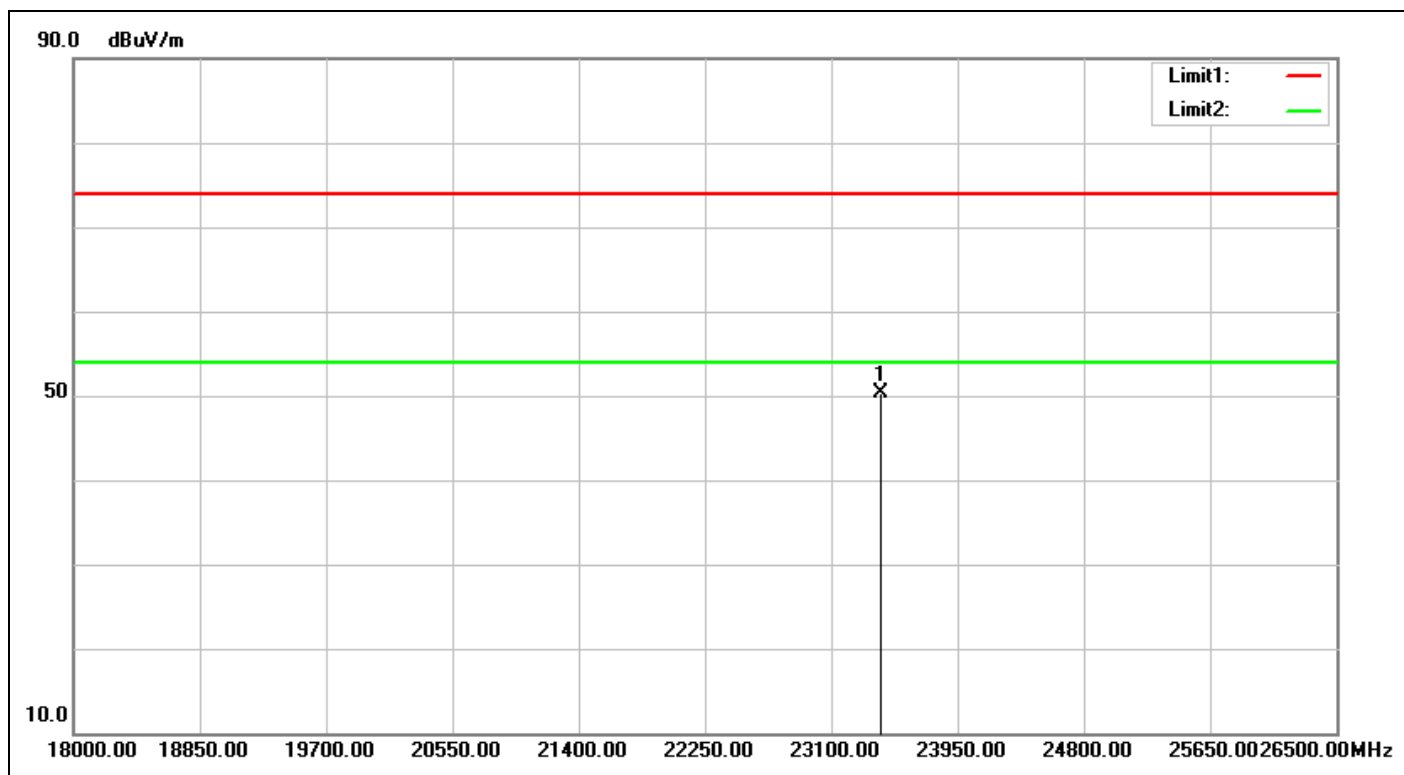
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



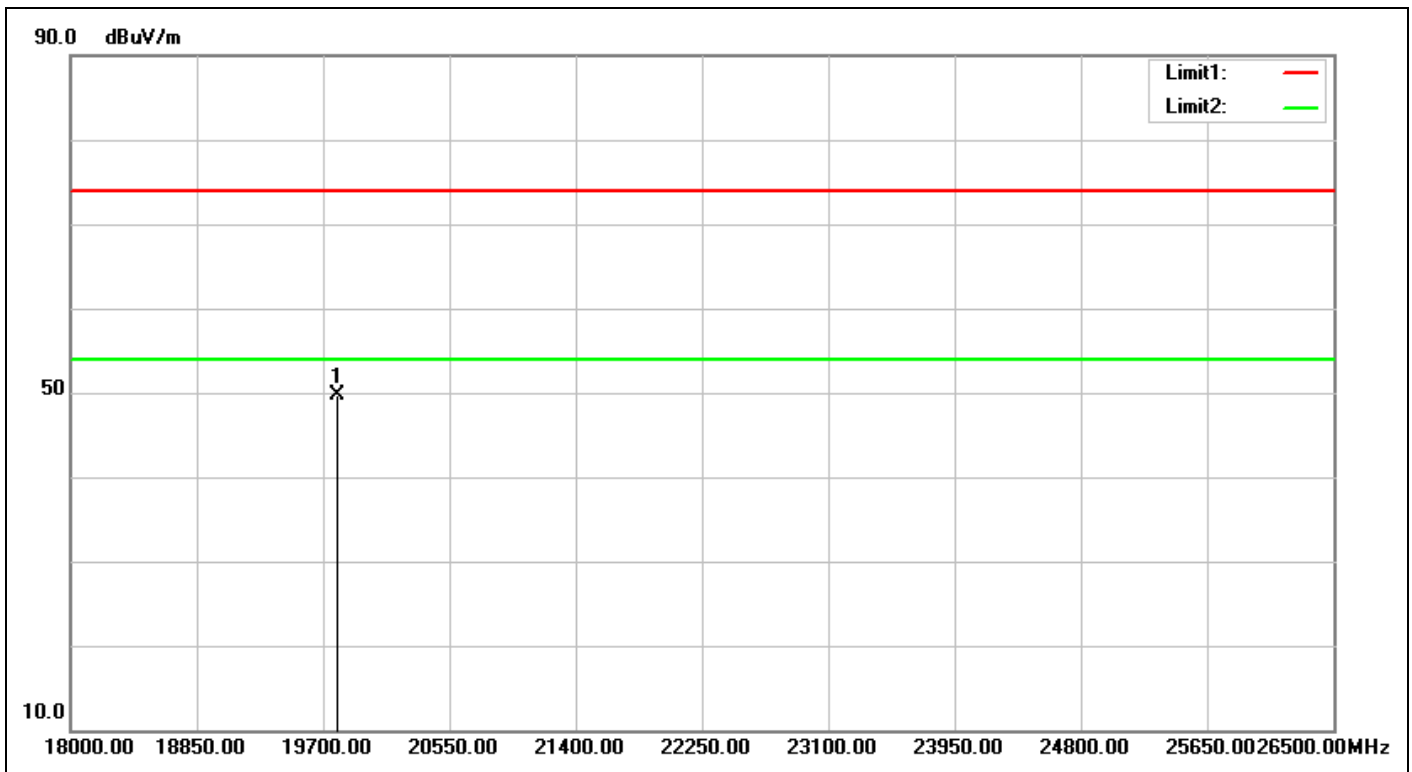
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:09:27
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23244.500	32.57	17.54	50.11	74.00	-23.89	peak		0	



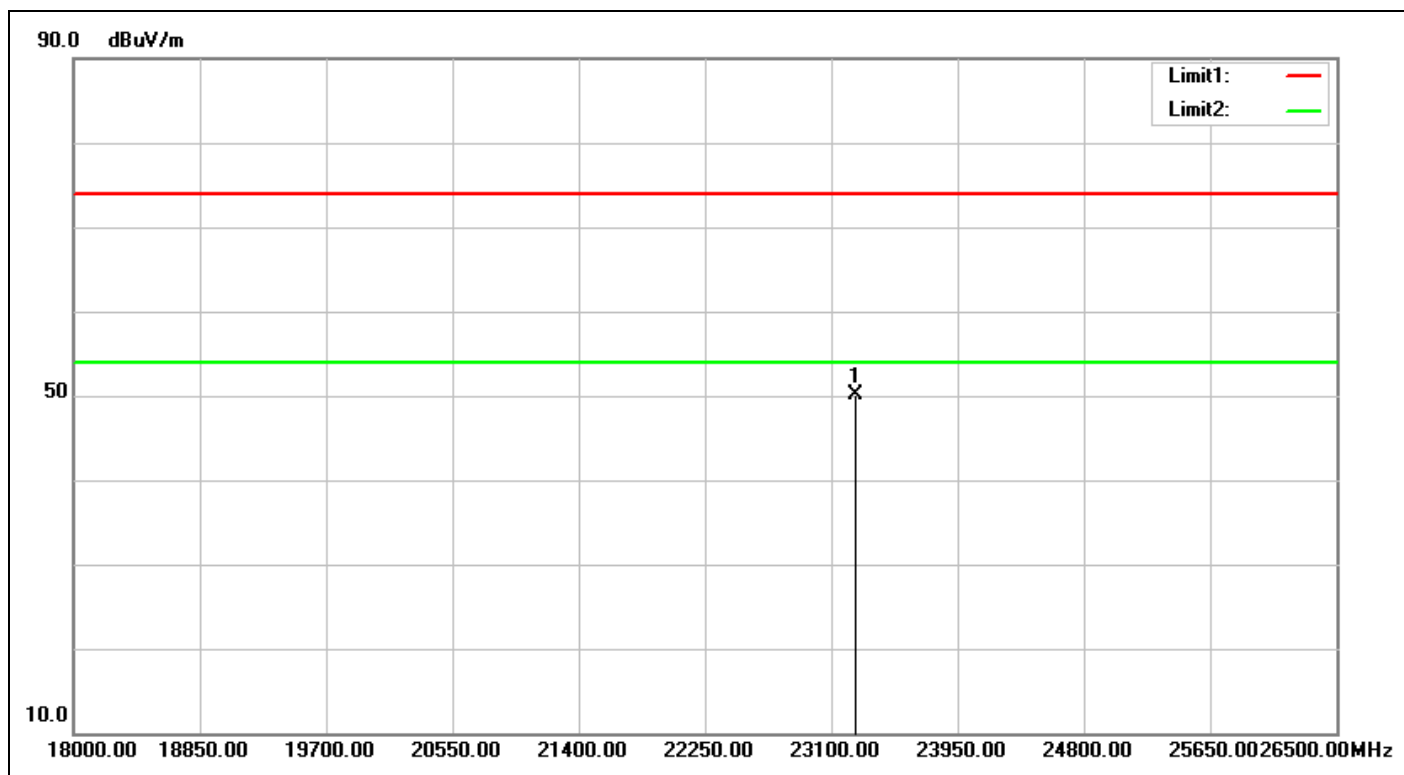
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:09:33
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%):	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23431.500	32.76	17.57	50.33	74.00	-23.67	peak	200	359	



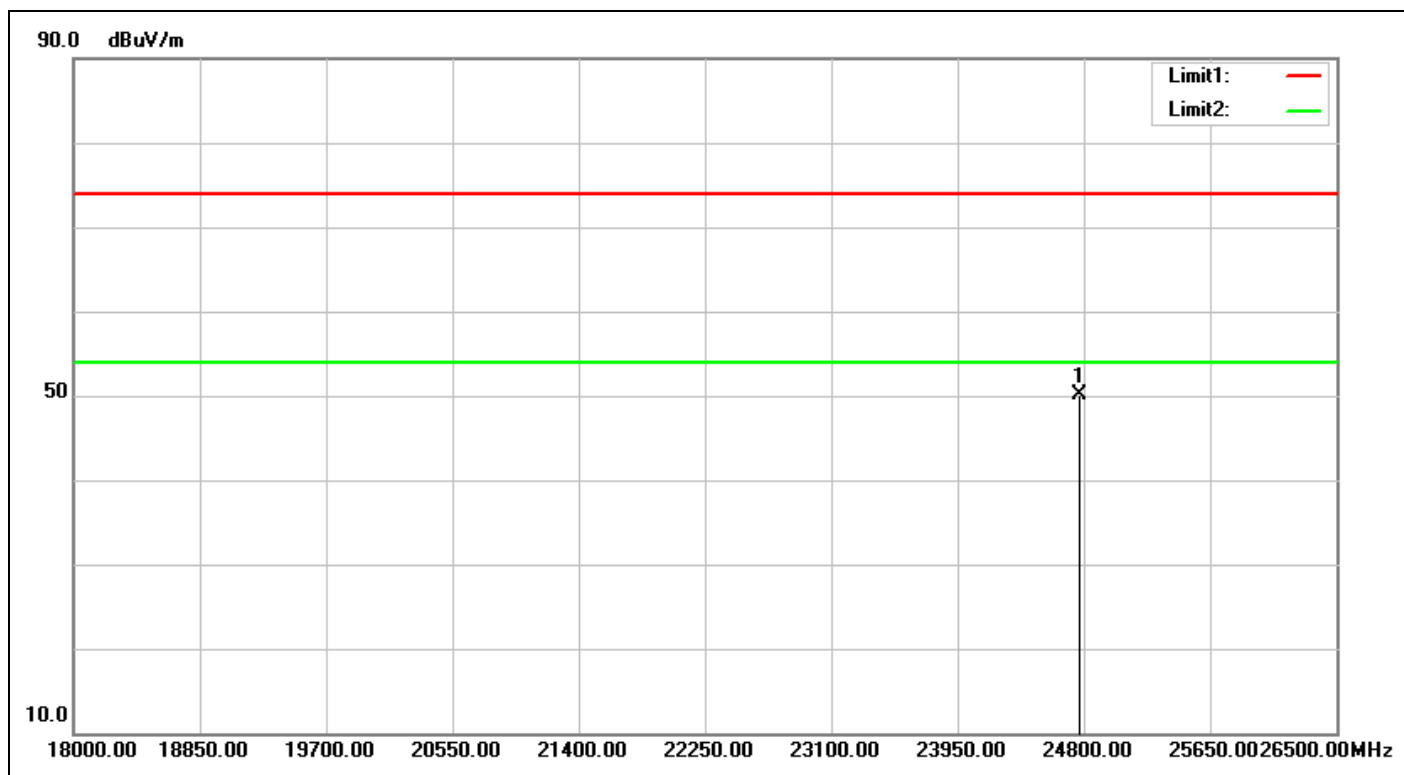
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:10:09
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19793.500	30.46	19.18	49.64	74.00	-24.36	peak			



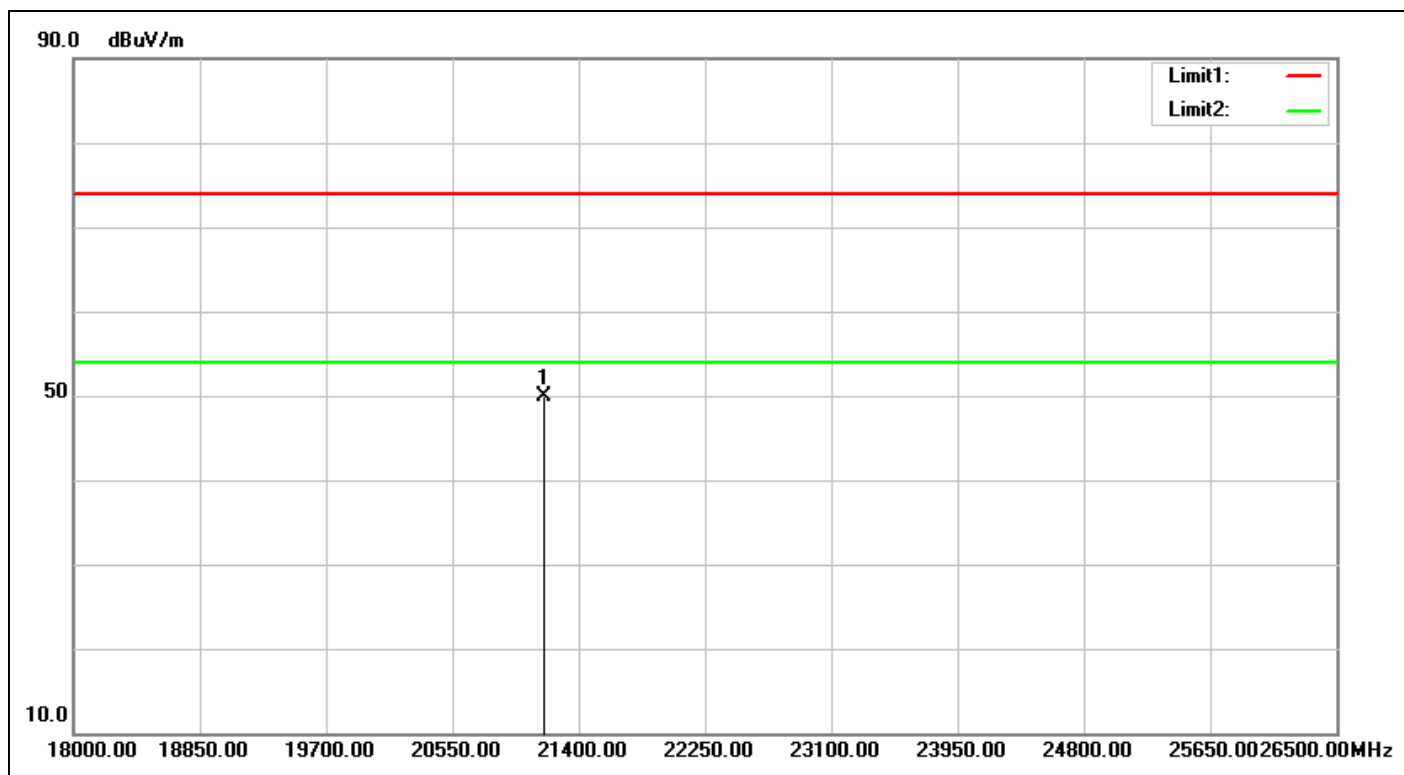
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:10:16
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23261.500	32.59	17.53	50.12	74.00	-23.88	peak			



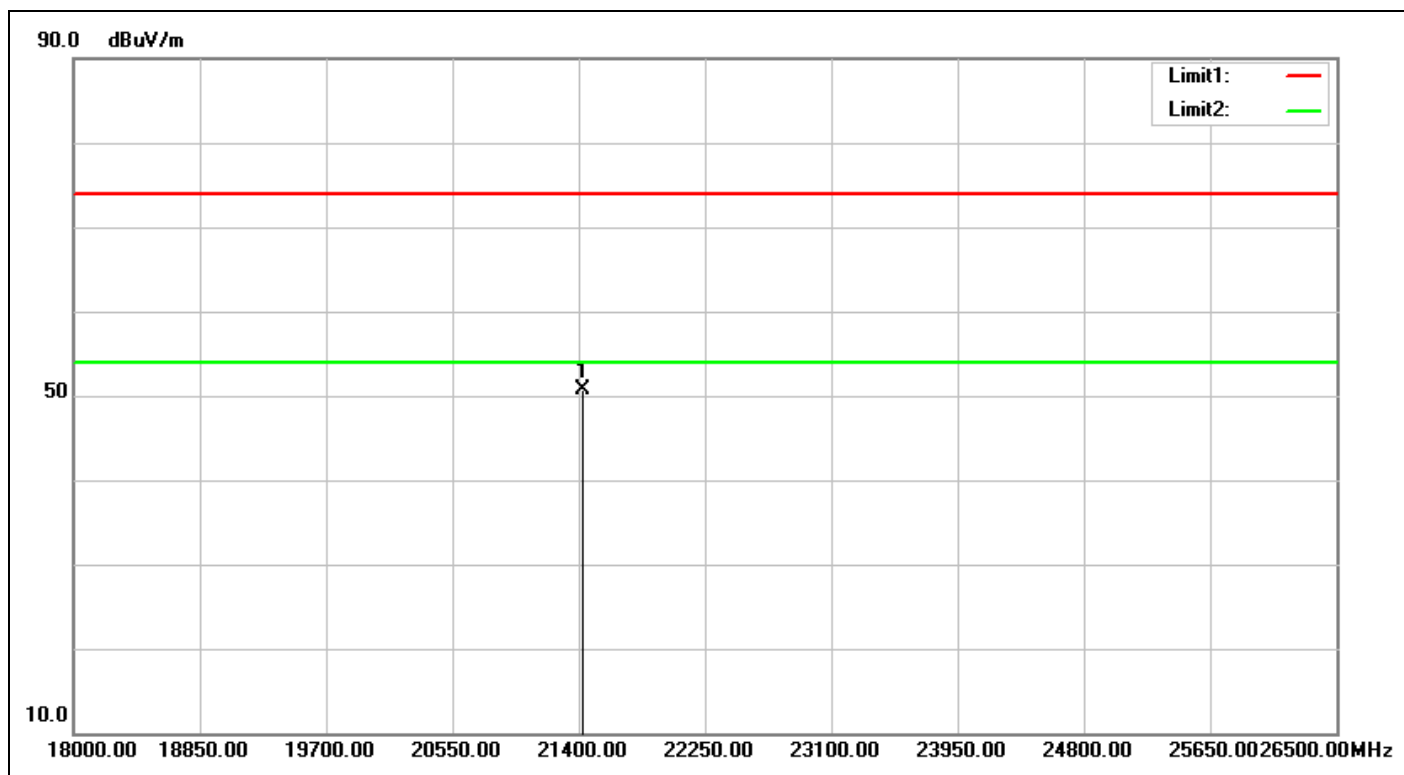
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:10:42
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	24766.000	32.85	17.31	50.16	74.00	-23.84	peak			



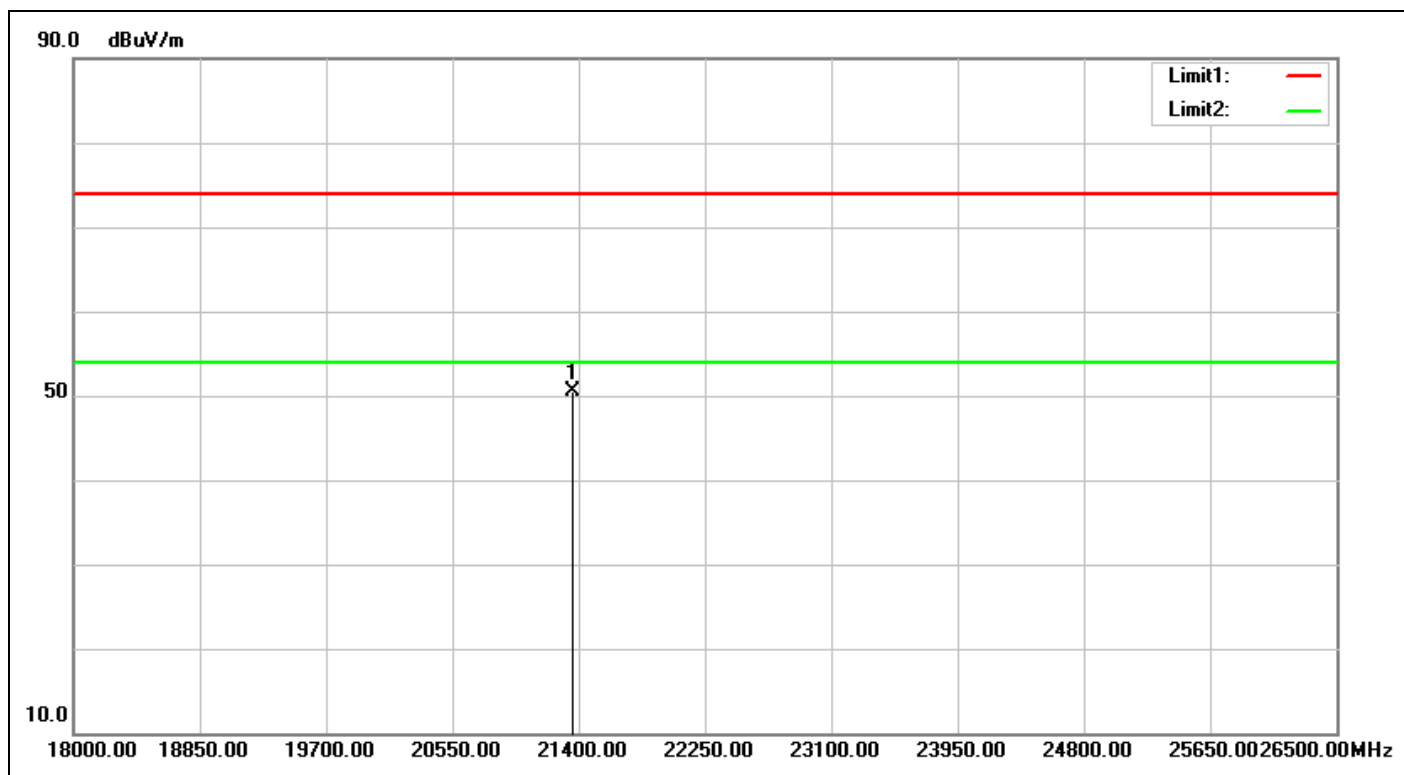
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:10:49
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21162.000	32.06	17.85	49.91	74.00	-24.09	peak			



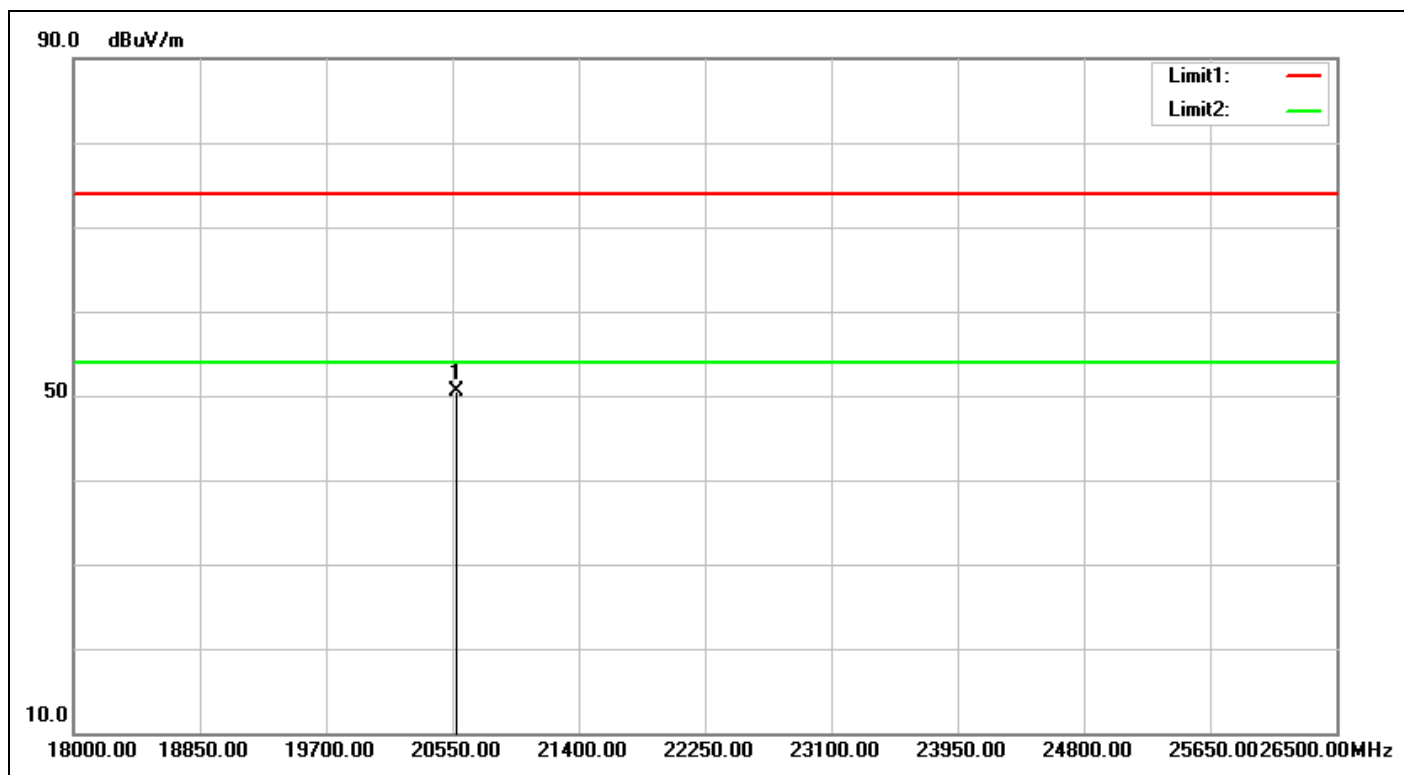
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:11:17
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21425.500	32.19	18.44	50.63	74.00	-23.37	peak			



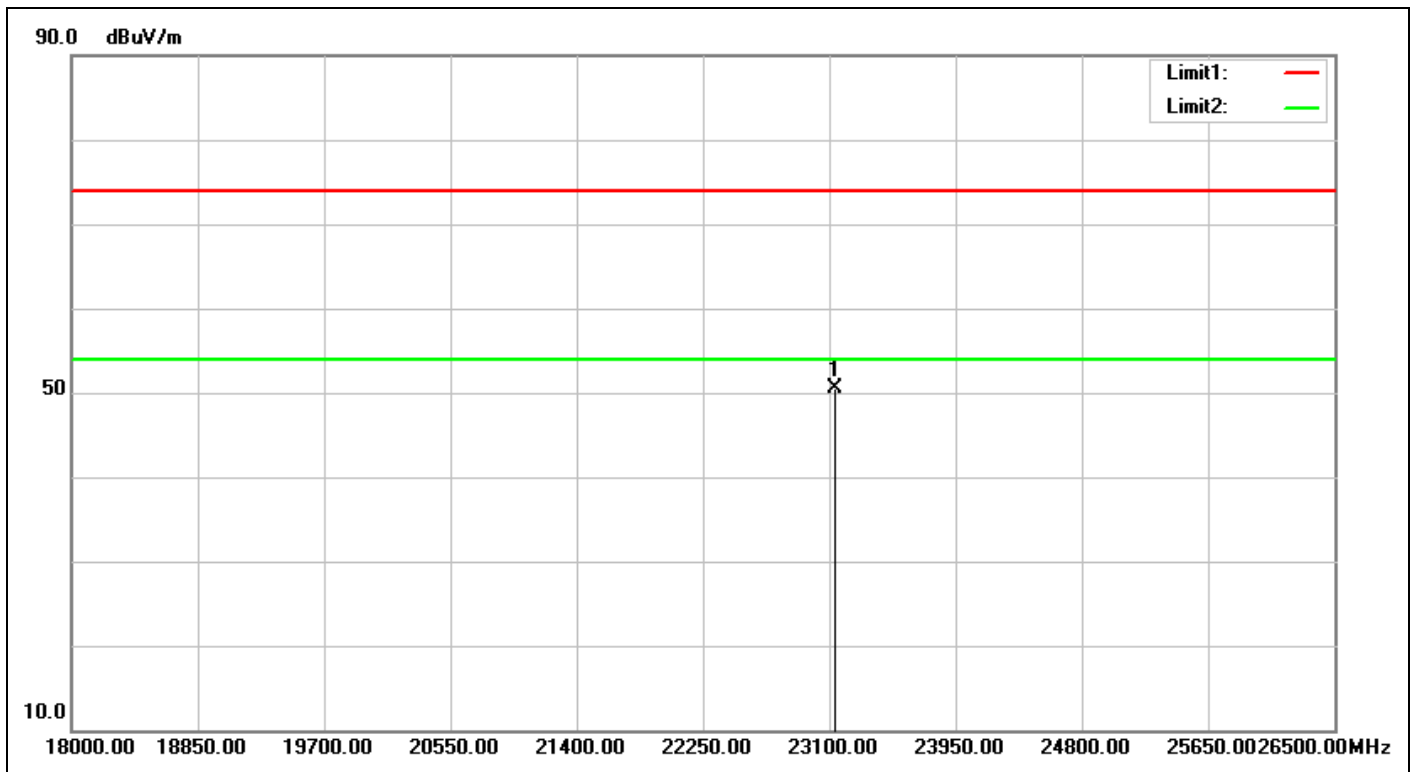
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:11:23
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21357.500	32.16	18.34	50.50	74.00	-23.50	peak			



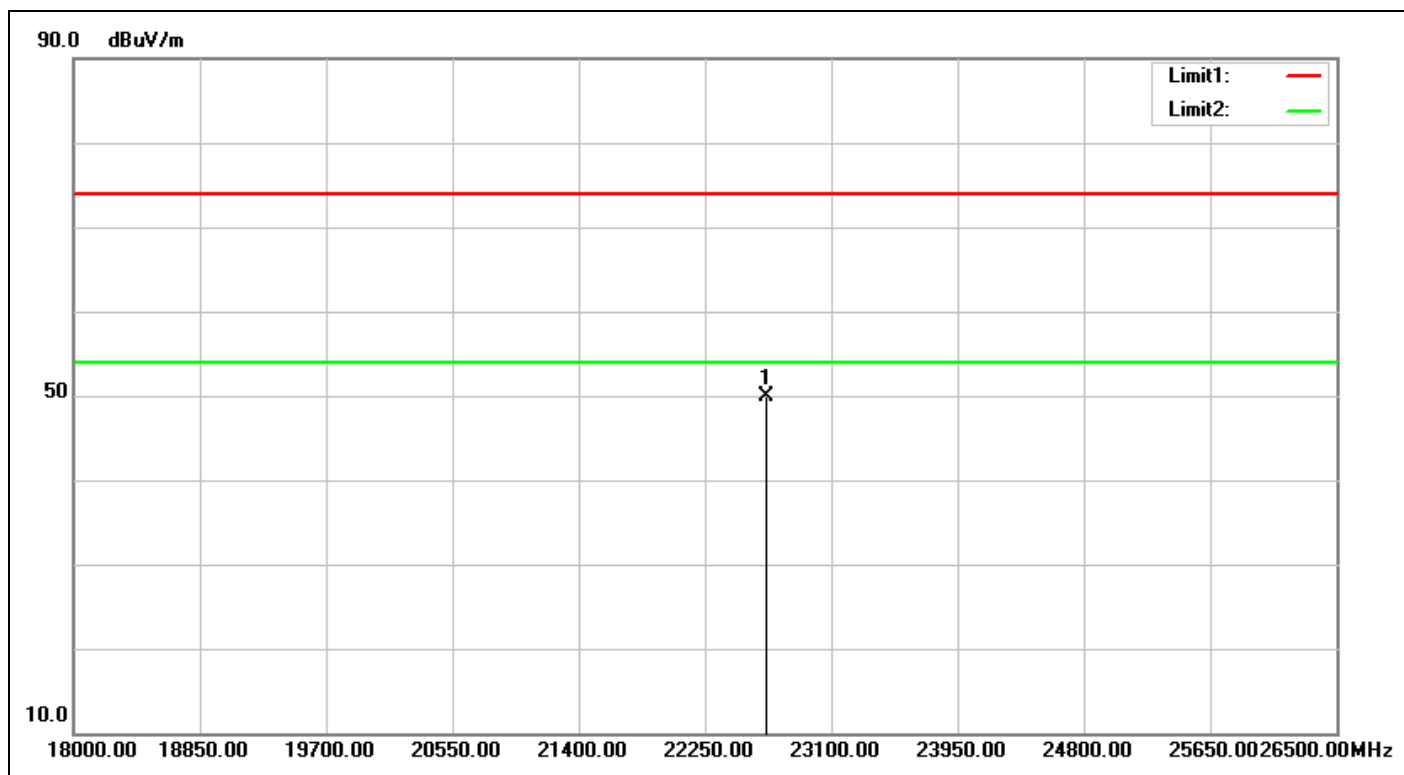
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:11:51
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20575.500	31.12	19.33	50.45	74.00	-23.55	peak			



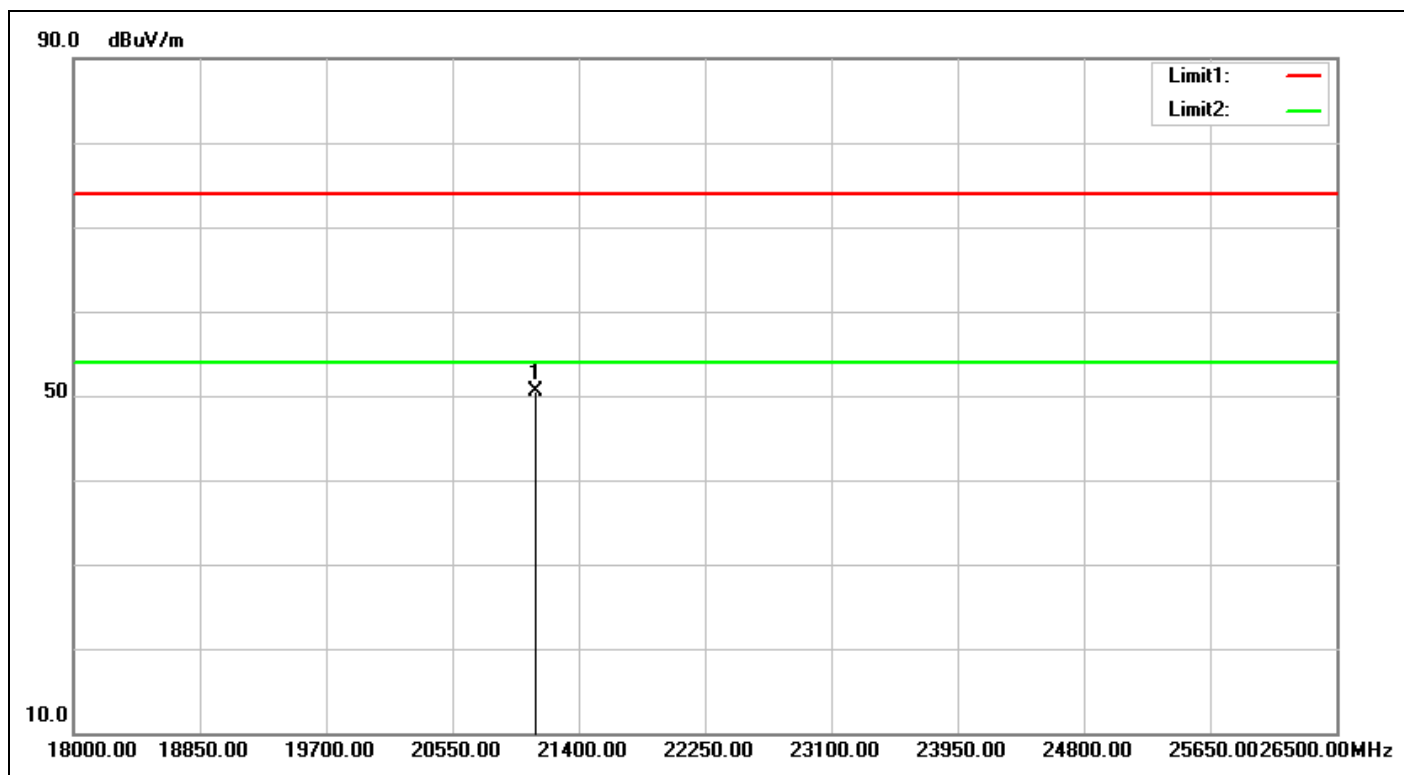
Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:11:58
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23142.500	32.47	18.08	50.55	74.00	-23.45	peak			



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:12:29
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22666.500	32.21	17.79	50.00	74.00	-24.00	peak			



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:12:36
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%):	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	2M-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21111.000	32.04	18.51	50.55	74.00	-23.45	peak			

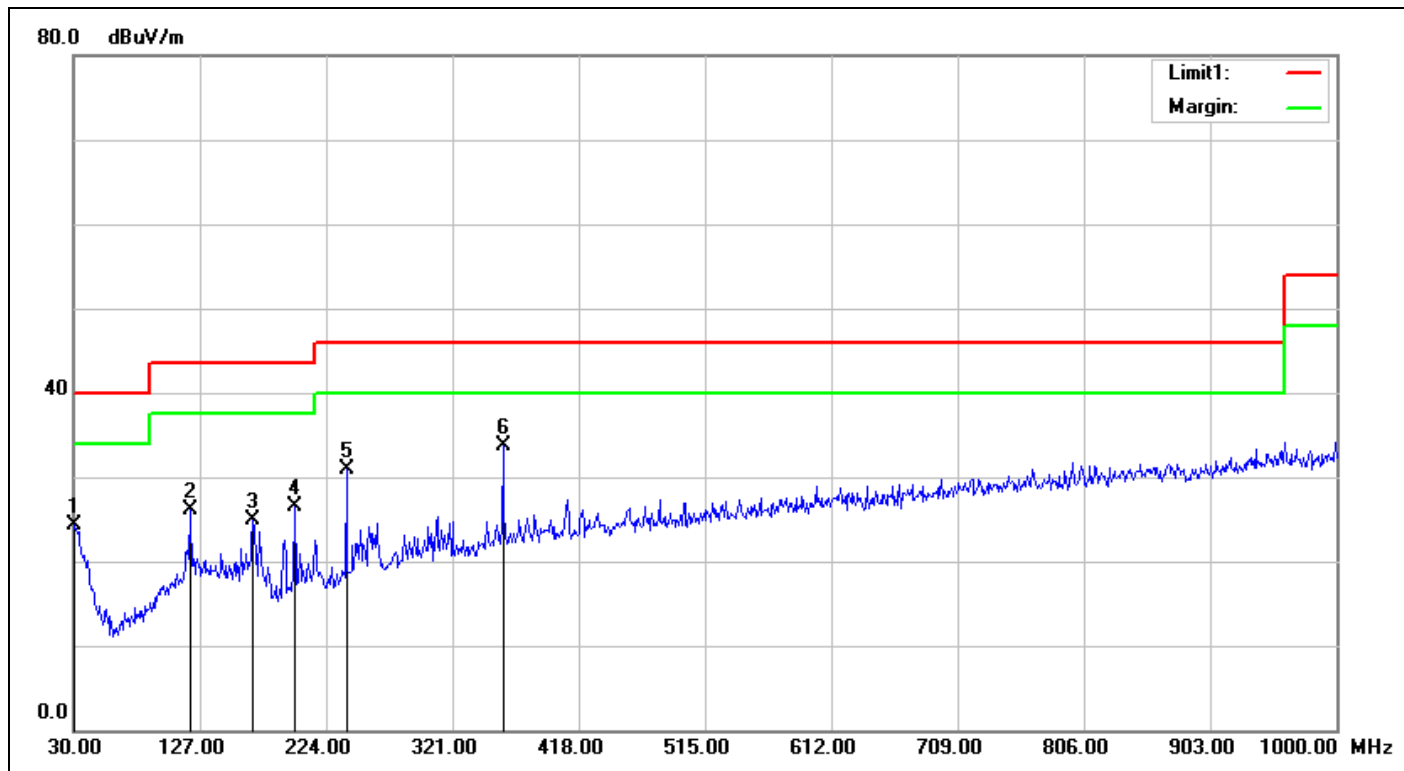
Spurious Emissions, TX Mode, 30M-1G



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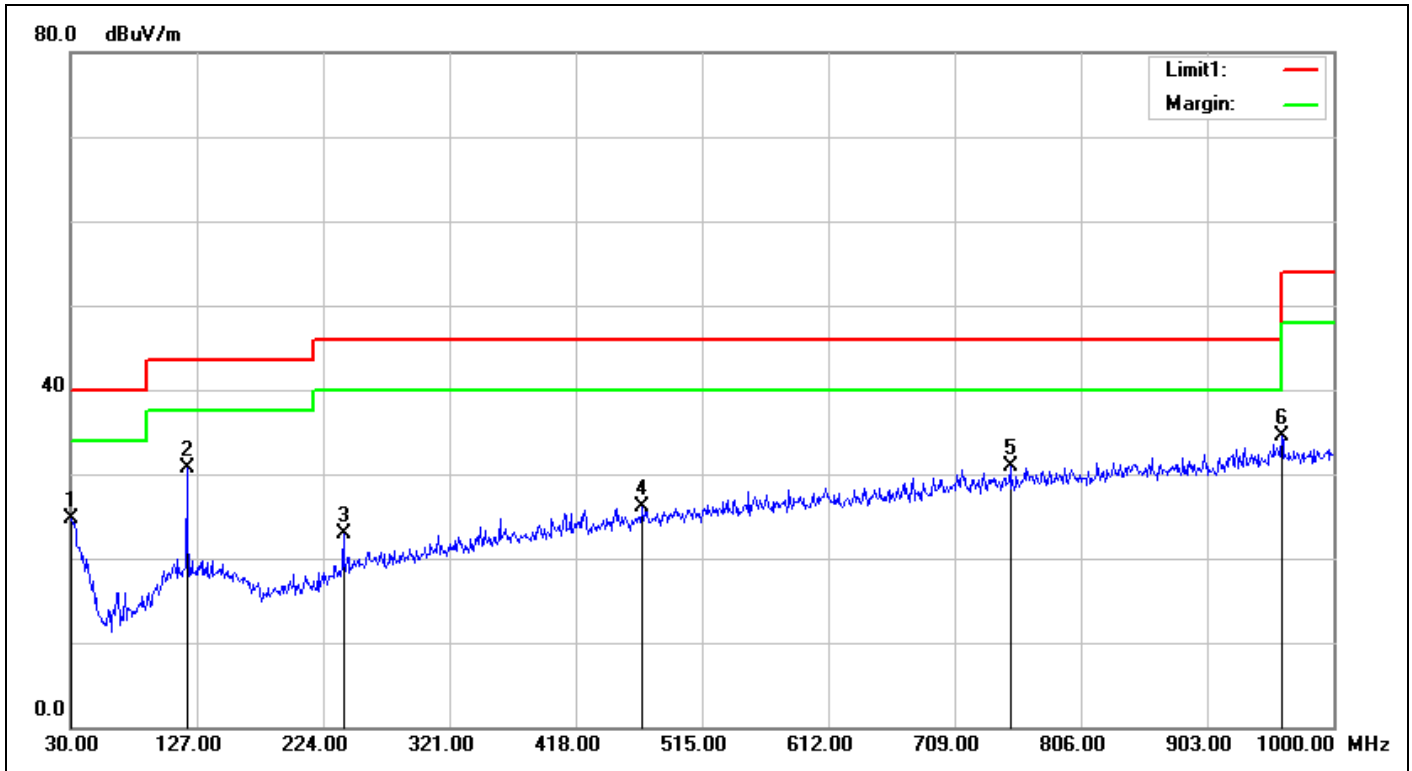
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/31 13:59:33
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.50	24.25	40.00	-15.75	QP	100	286	
2	119.2399	-7.50	33.64	26.14	43.50	-17.36	QP	100	145	
3	167.7400	-8.78	33.71	24.93	43.50	-18.57	QP	100	148	
4	199.7500	-8.91	35.43	26.52	43.50	-16.98	QP	100	148	
5	239.5200	-6.85	37.81	30.96	46.00	-15.04	QP	100	175	
6	359.8000	-3.16	36.90	33.74	46.00	-12.26	QP	100	94	

Spurious Emissions, TX Mode, 9k-30M



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/31 14:00:31
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	25.52	24.73	40.00	-15.27	QP	100	318	
2	119.2400	-7.50	38.28	30.78	43.50	-12.72	QP	100	213	
3	239.5200	-6.85	29.78	22.93	46.00	-23.07	QP	100	123	
4	469.4100	-1.62	27.64	26.02	46.00	-19.98	QP	100	108	
5	751.6800	2.39	28.43	30.82	46.00	-15.18	QP	100	68	
6	960.2300	5.54	28.97	34.51	54.00	-19.49	QP	100	204	

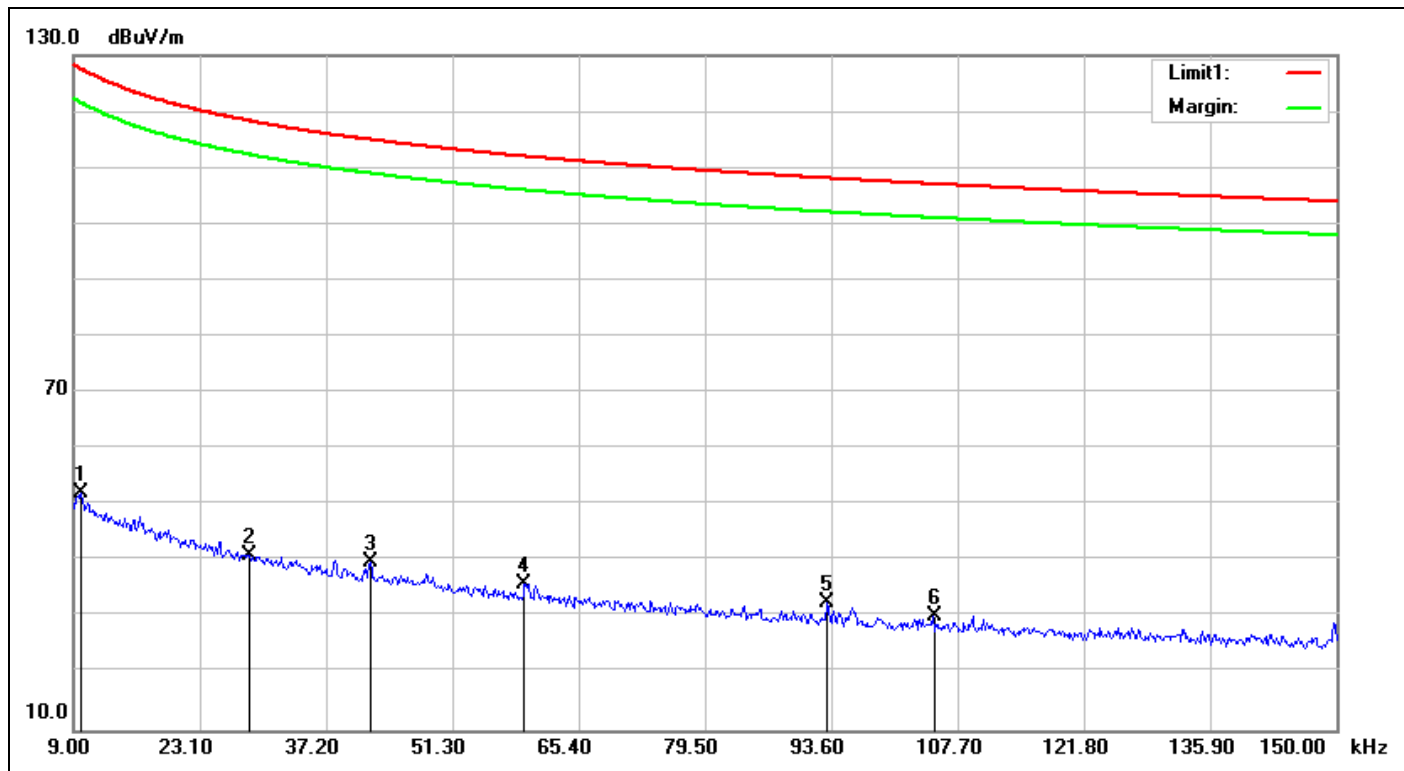
Spurious Emissions, TX Mode, 9K-30M



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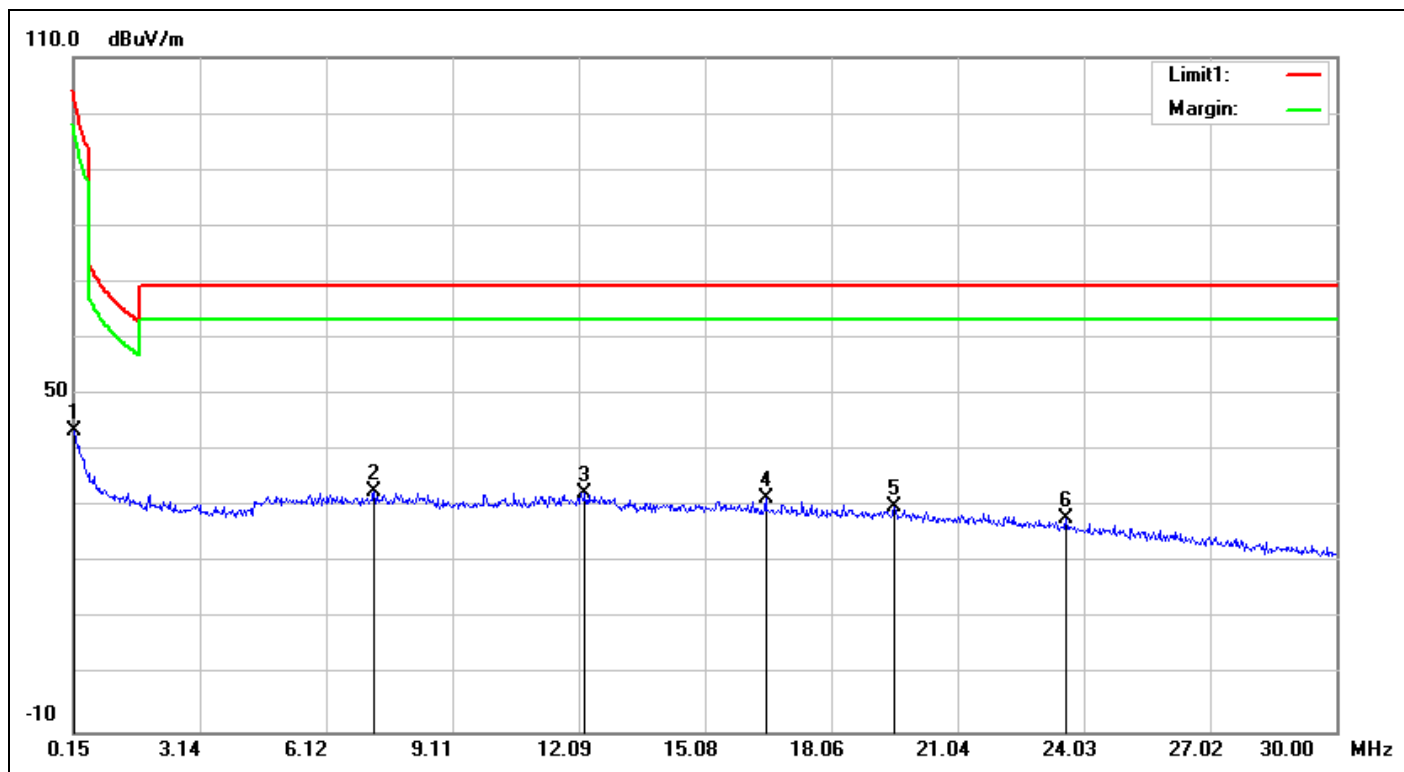
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Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/31 14:23:17
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

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	32.28	52.14	127.57	-75.43	QP	100	301	
2	0.0285	20.12	20.82	40.94	118.35	-77.41	QP	100	208	
3	0.0421	19.70	20.18	39.88	114.99	-75.11	QP	100	70	
4	0.0593	19.37	16.59	35.96	112.03	-76.07	QP	100	99	
5	0.0931	19.17	13.36	32.53	108.14	-75.61	QP	100	262	
6	0.1050	19.12	11.03	30.15	107.10	-76.95	QP	100	217	

Spurious Emissions, TX Mode, 9k-30M



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/31 14:28:17
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	24.48	43.56	104.02	-60.46	QP	100	223	
2	7.2542	19.97	12.84	32.81	69.50	-36.69	QP	100	177	
3	12.2392	20.61	11.96	32.57	69.50	-36.93	QP	100	292	
4	16.5077	21.37	10.25	31.62	69.50	-37.88	QP	100	12	
5	19.5524	21.90	8.05	29.95	69.50	-39.55	QP	100	54	
6	23.6121	22.23	5.69	27.92	69.50	-41.58	QP	100	30	

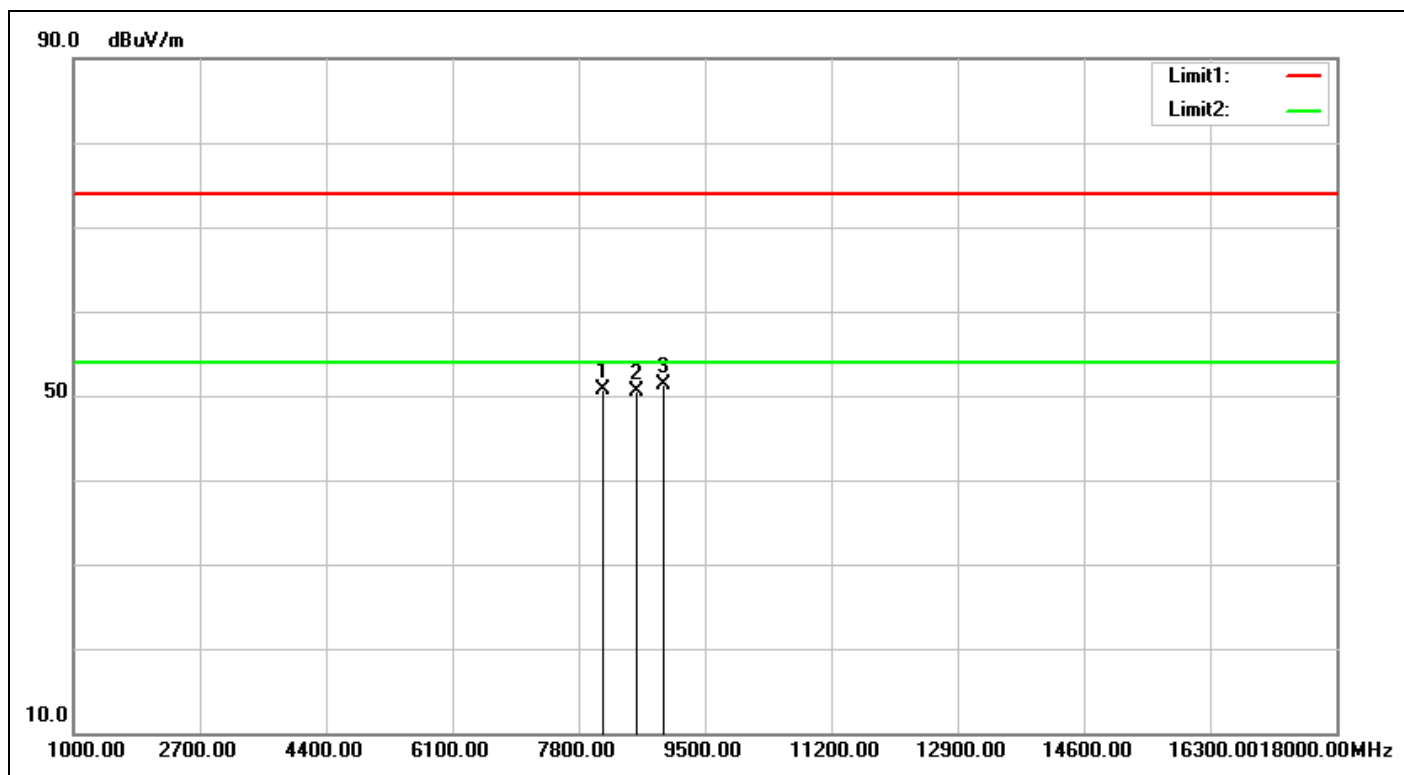
Spurious Emissions, RX Mode, 1-18G



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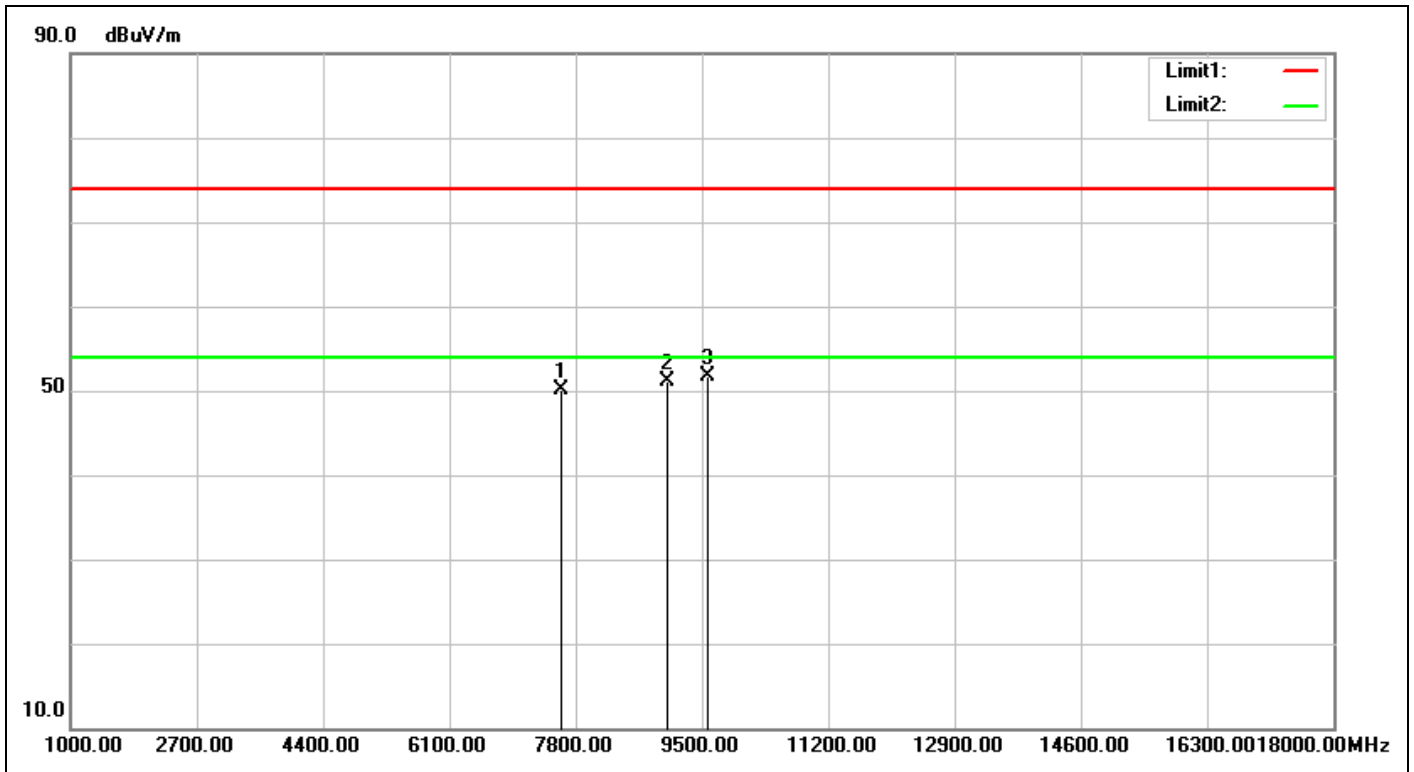
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Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 20:49:25
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	8123.000	4.92	45.74	50.66	74.00	-23.34	peak	200	191	
2	8582.000	5.35	45.24	50.59	74.00	-23.41	peak	200	198	
3	8939.000	5.39	45.84	51.23	74.00	-22.77	peak	200	0	



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 20:50:22
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	7596.000	4.91	45.22	50.13	74.00	-23.87	peak	200	41	
2	9041.000	5.41	45.74	51.15	74.00	-22.85	peak	200	34	
3	9568.000	5.39	46.30	51.69	74.00	-22.31	peak	200	356	

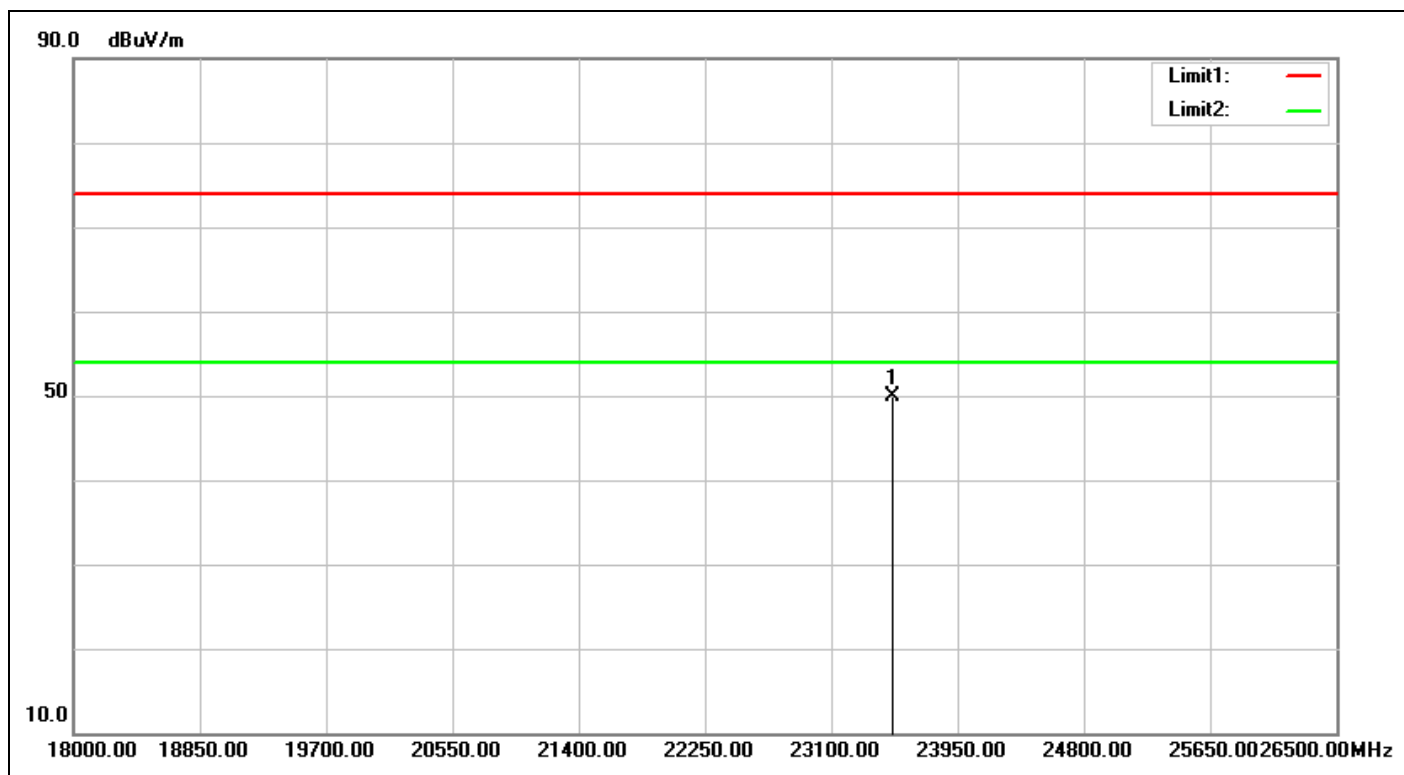
Spurious Emissions, RX Mode, 18-26.5G



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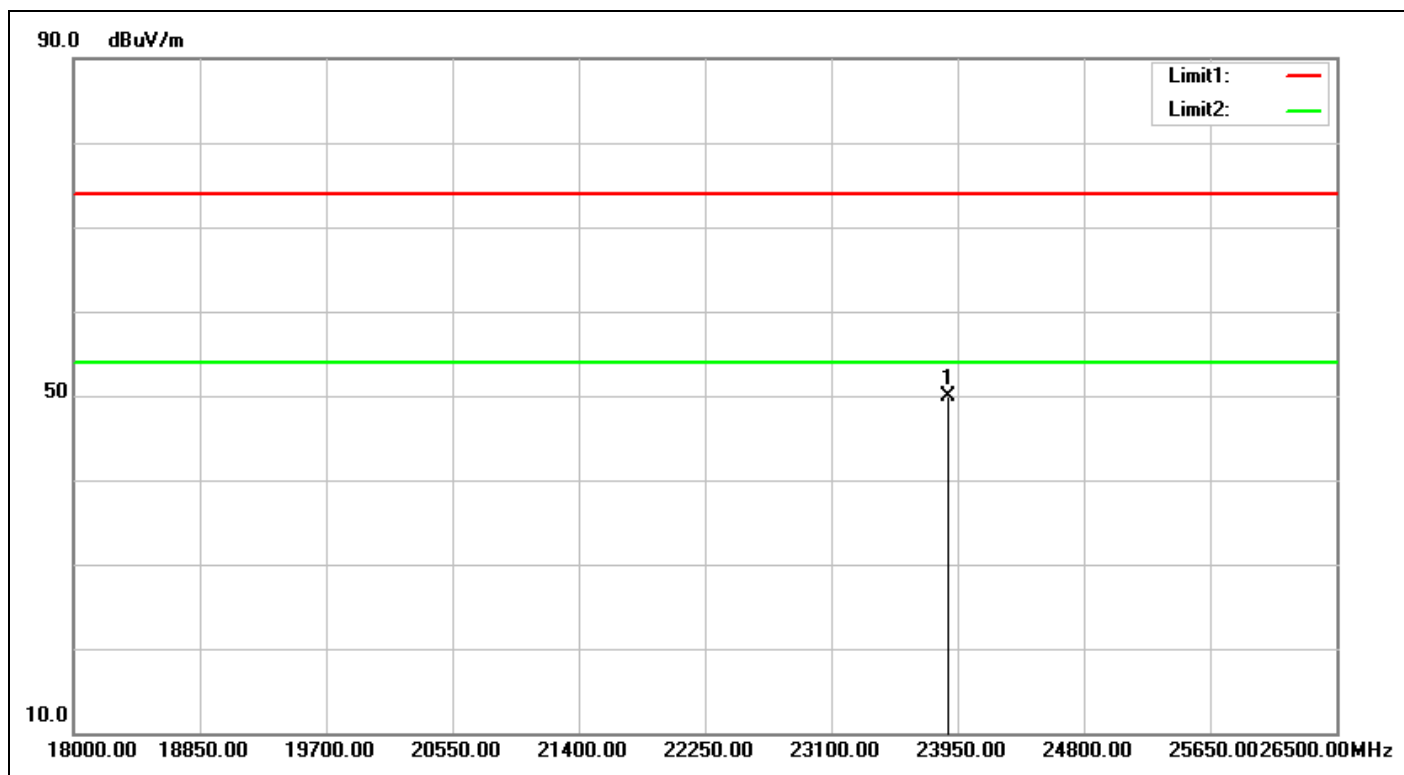
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Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/29 21:13:16
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%):	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23508.000	32.82	17.15	49.97	74.00	-24.03	peak		0	



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/29 21:13:22
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%) :	20(°C)/50%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23882.000	32.51	17.40	49.91	74.00	-24.09	peak			

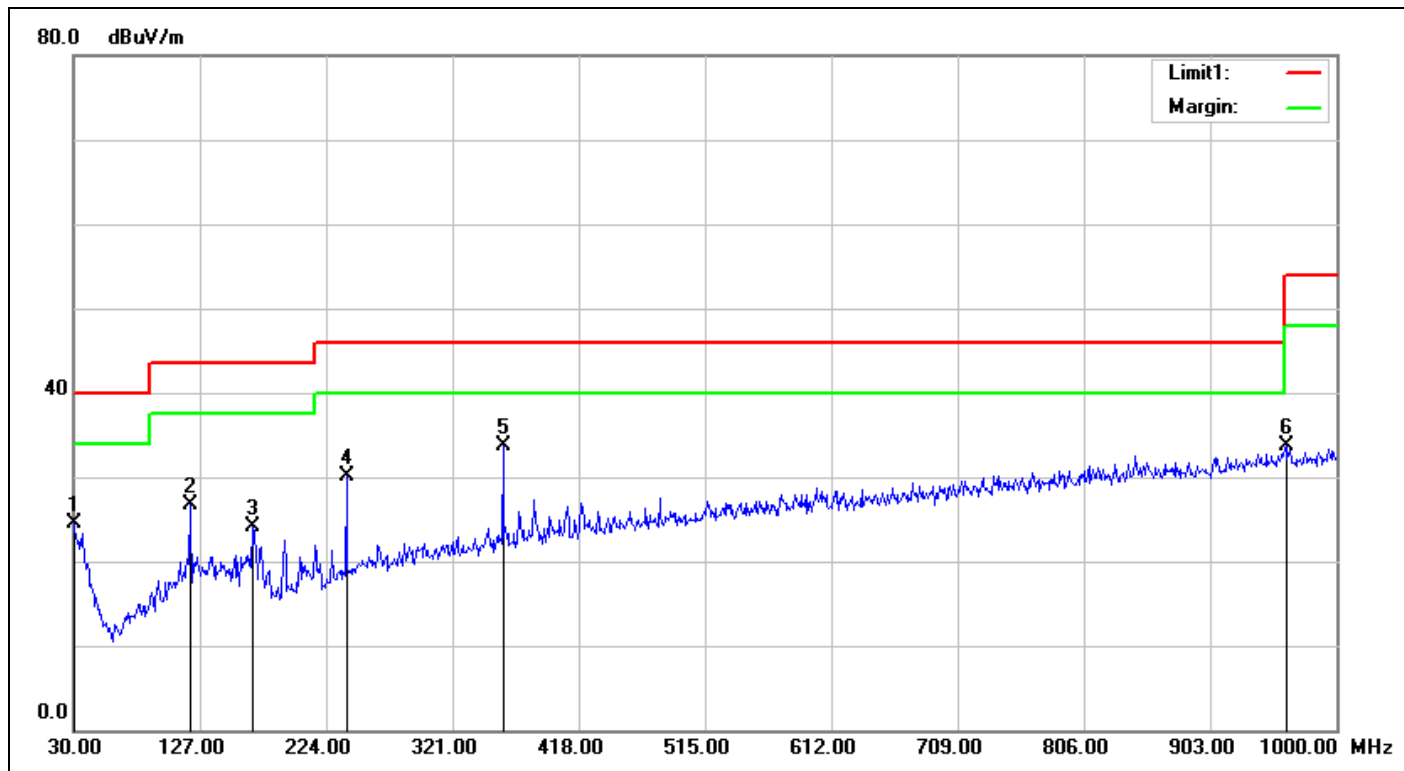
Spurious Emissions, RX Mode, 30M-1G



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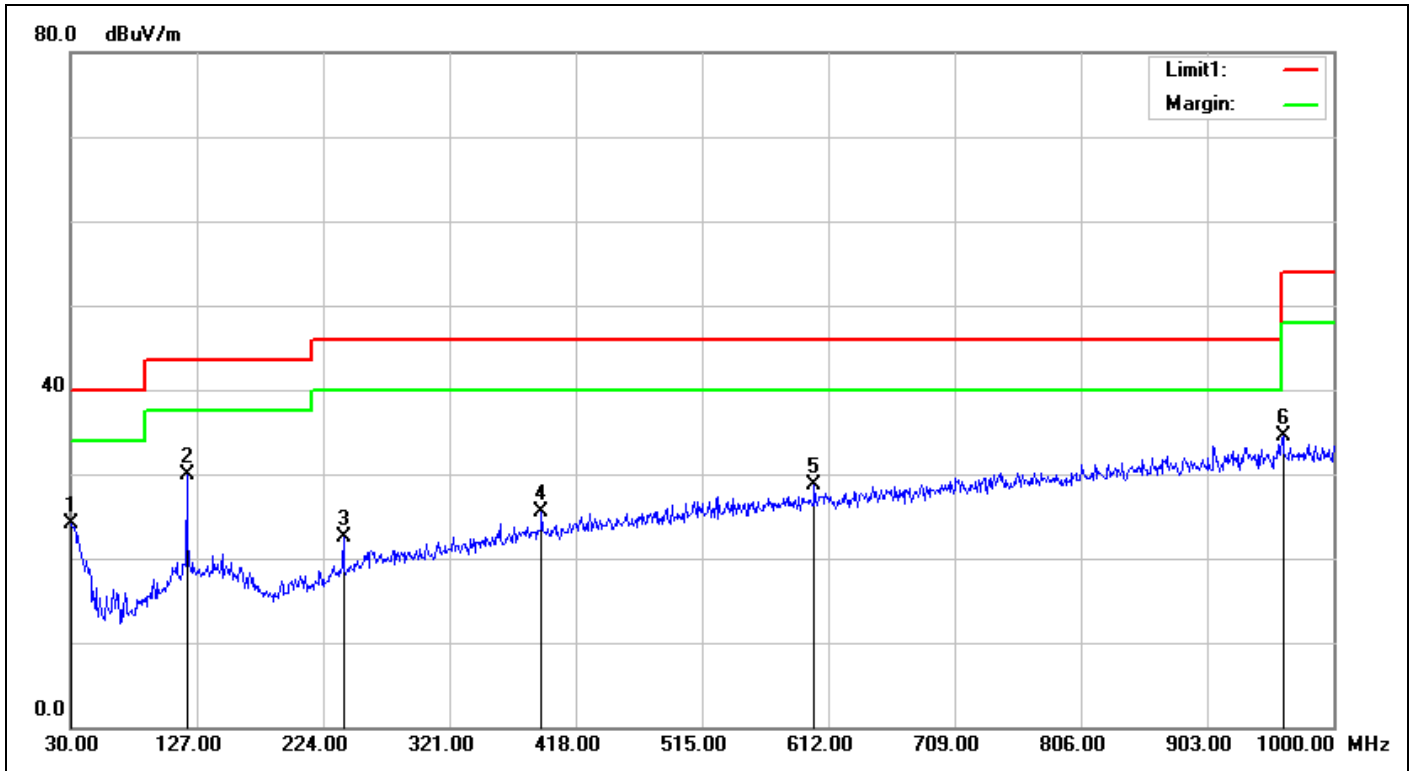
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Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/1/31 14:02:14
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.71	24.46	40.00	-15.54	QP	100	196	
2	119.2399	-7.50	34.15	26.65	43.50	-16.85	QP	100	301	
3	167.7400	-8.78	32.89	24.11	43.50	-19.39	QP	100	136	
4	239.5200	-6.85	36.91	30.06	46.00	-15.94	QP	100	172	
5	359.8000	-3.17	36.85	33.68	46.00	-12.32	QP	100	87	
6	961.2000	5.54	28.15	33.69	54.00	-20.31	QP	100	63	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/1/31 14:03:11
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%):	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	24.97	24.18	40.00	-15.82	QP	100	255	
2	119.2400	-7.50	37.36	29.86	43.50	-13.64	QP	100	228	
3	239.5200	-6.85	29.28	22.43	46.00	-23.57	QP	100	246	
4	391.8100	-2.59	28.00	25.41	46.00	-20.59	QP	100	137	
5	601.3300	0.09	28.70	28.79	46.00	-17.21	QP	100	348	
6	961.2000	5.54	28.93	34.47	54.00	-19.53	QP	100	20	

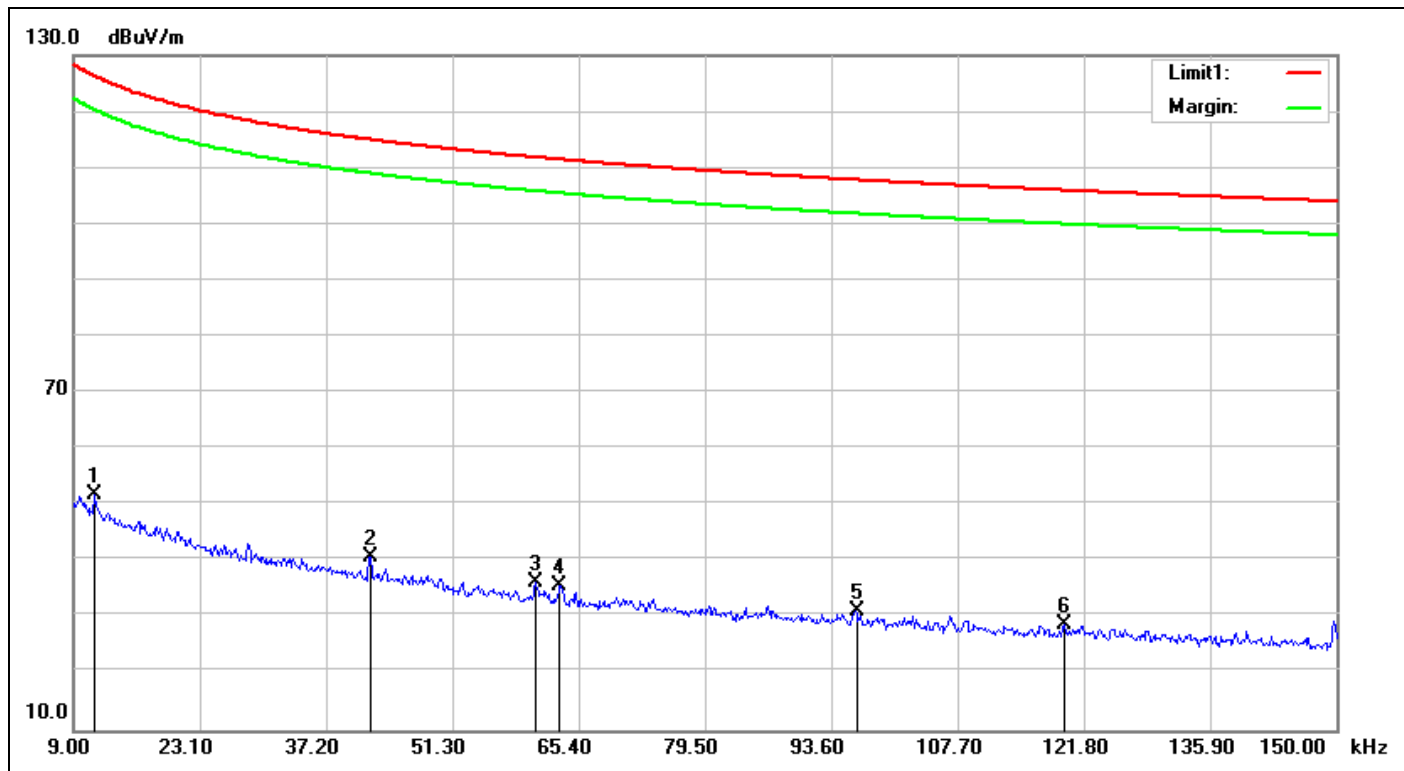
Spurious Emissions, RX Mode, 9k-30M



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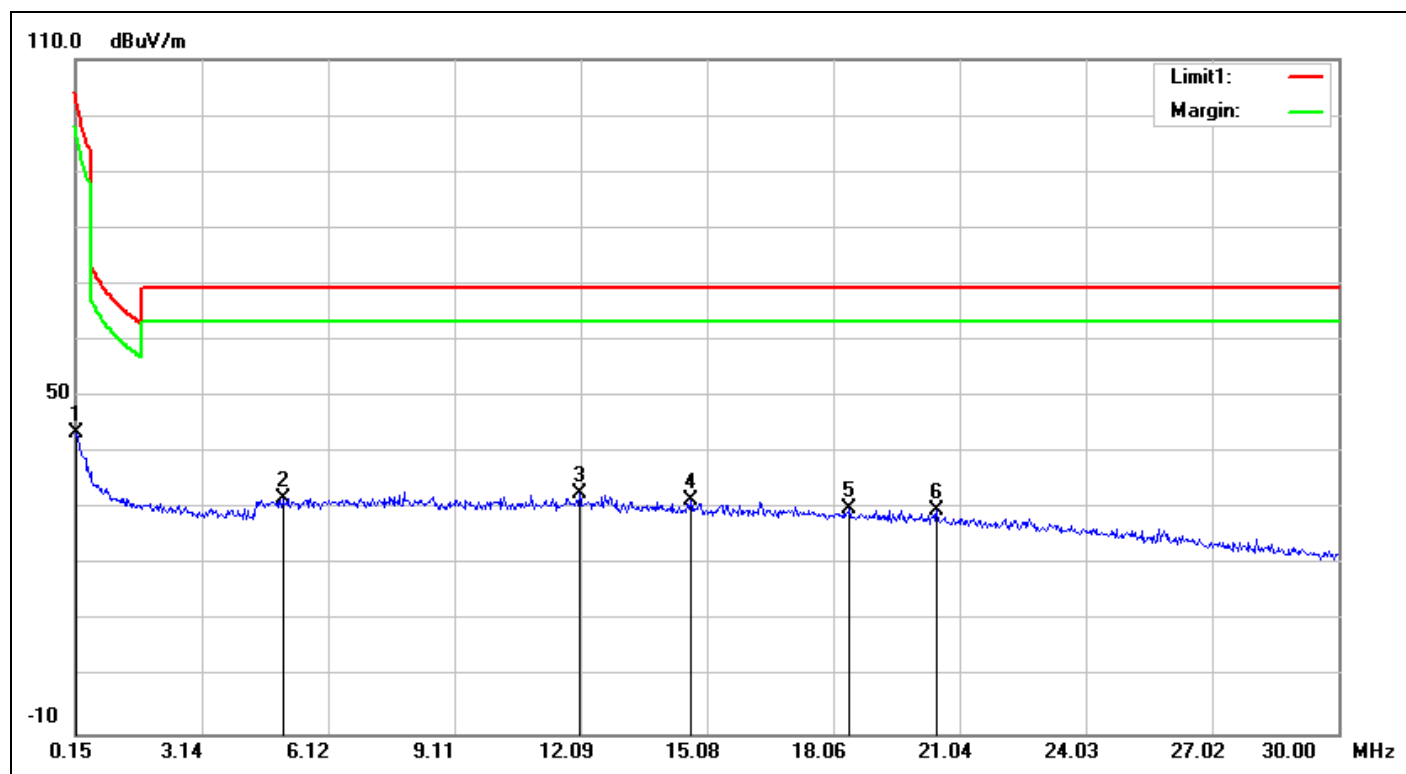
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/31 14:24:15
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0113	19.94	32.01	51.95	126.34	-74.39	QP	100	261	
2	0.0421	19.70	21.10	40.80	114.99	-74.19	QP	100	38	
3	0.0606	19.37	16.98	36.35	111.84	-75.49	QP	100	246	
4	0.0632	19.35	16.25	35.60	111.48	-75.88	QP	100	123	
5	0.0962	19.15	11.94	31.09	107.85	-76.76	QP	100	359	
6	0.1195	19.11	9.53	28.64	105.98	-77.34	QP	100	132	

Spurious Emissions, RX Mode, 9k-30M

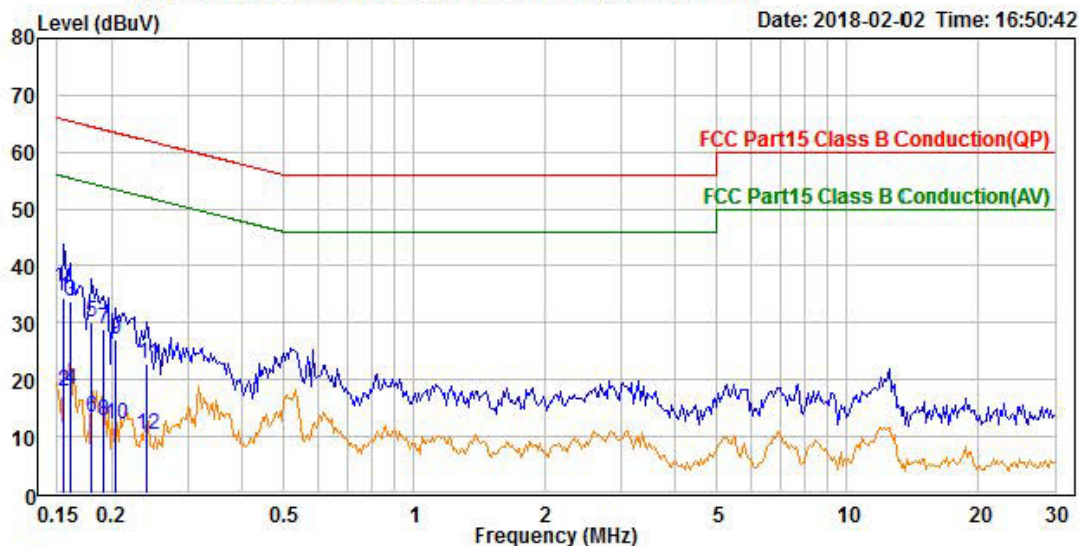


Service No.:	114067593	Test Distance:	3m
Test Standard:	FCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2018/1/31 14:29:15
Applicant:	Realtek Semiconductor Corp.	Test Rating:	DC 5V
Product:	Bluetooth Module	Temp.(°C)/Hum.(%)	19(°C)/60%
Model No.:	RTL8763BA	Test Engineer:	Curry Chen
Test Mode:	1M-2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	24.51	43.59	104.02	-60.43	QP	100	128	
2	5.0453	19.76	12.12	31.88	69.50	-37.62	QP	100	260	
3	12.0602	20.58	12.15	32.73	69.50	-36.77	QP	100	122	
4	14.6869	21.05	10.54	31.59	69.50	-37.91	QP	100	333	
5	18.4480	21.71	8.26	29.97	69.50	-39.53	QP	100	308	
6	20.5077	22.02	7.71	29.73	69.50	-39.77	QP	100	170	

Mains Spurious Emissions

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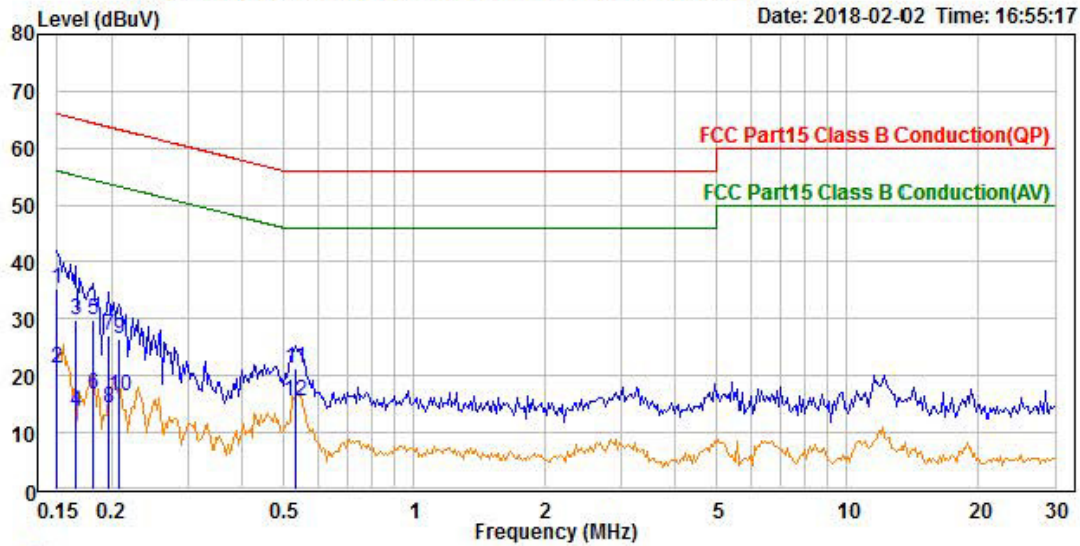


Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Curry Chen
Applicant : Realtek
Product : Bluetooth Module
Model No. : TBD
Test Rating : 120Vac/60Hz
Tmp/Hum : 19.2°C / 48%
Memo : Mains

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.155	24.80	9.66	34.46	65.75	-31.29	QP
2	0.155	8.16	9.66	17.82	55.75	-37.93	Average
3	0.161	24.21	9.66	33.87	65.42	-31.55	QP
4	0.161	8.55	9.66	18.21	55.42	-37.21	Average
5	0.179	20.51	9.66	30.17	64.51	-34.34	QP
6	0.179	3.66	9.66	13.32	54.51	-41.19	Average
7	0.192	19.32	9.66	28.98	63.94	-34.96	QP
8	0.192	3.14	9.66	12.80	53.94	-41.14	Average
9	0.204	17.31	9.66	26.97	63.44	-36.47	QP
10	0.204	2.43	9.66	12.09	53.44	-41.35	Average
11	0.242	13.14	9.66	22.80	62.04	-39.24	QP
12	0.242	0.58	9.66	10.24	52.04	-41.80	Average

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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Curry Chen
Applicant : Realtek
Product : Bluetooth Module
Model No. : TBD
Test Rating : 120Vac/60Hz
Tmp/Hum : 19.2°C / 48%
Memo : Mains

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.150	25.50	9.67	35.17	66.00	-30.83	QP
2	0.150	11.62	9.67	21.29	56.00	-34.71	Average
3	0.166	20.24	9.67	29.91	65.17	-35.26	QP
4	0.166	4.17	9.67	13.84	55.17	-41.33	Average
5	0.181	20.23	9.67	29.90	64.43	-34.53	QP
6	0.181	7.02	9.67	16.69	54.43	-37.74	Average
7	0.196	17.26	9.67	26.93	63.77	-36.84	QP
8	0.196	4.59	9.67	14.26	53.77	-39.51	Average
9	0.208	16.80	9.67	26.47	63.28	-36.81	QP
10	0.208	6.82	9.67	16.49	53.28	-36.79	Average
11	0.530	11.68	9.66	21.34	56.00	-34.66	QP
12	0.530	5.82	9.66	15.48	46.00	-30.52	Average