

Test Report No.10055865 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10055865AppendixD)

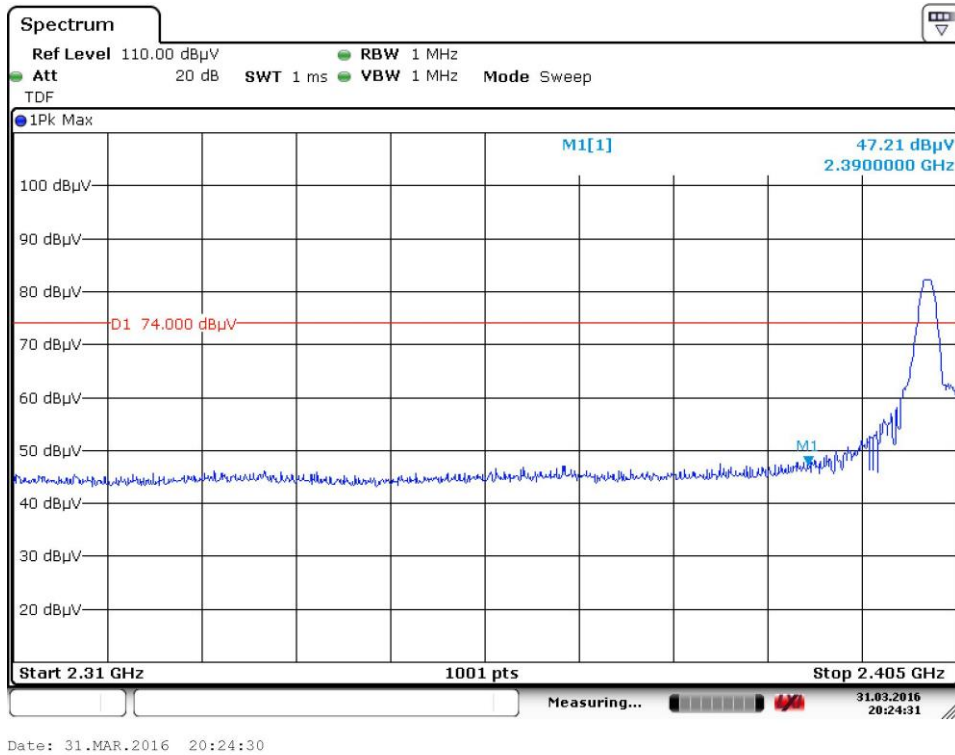
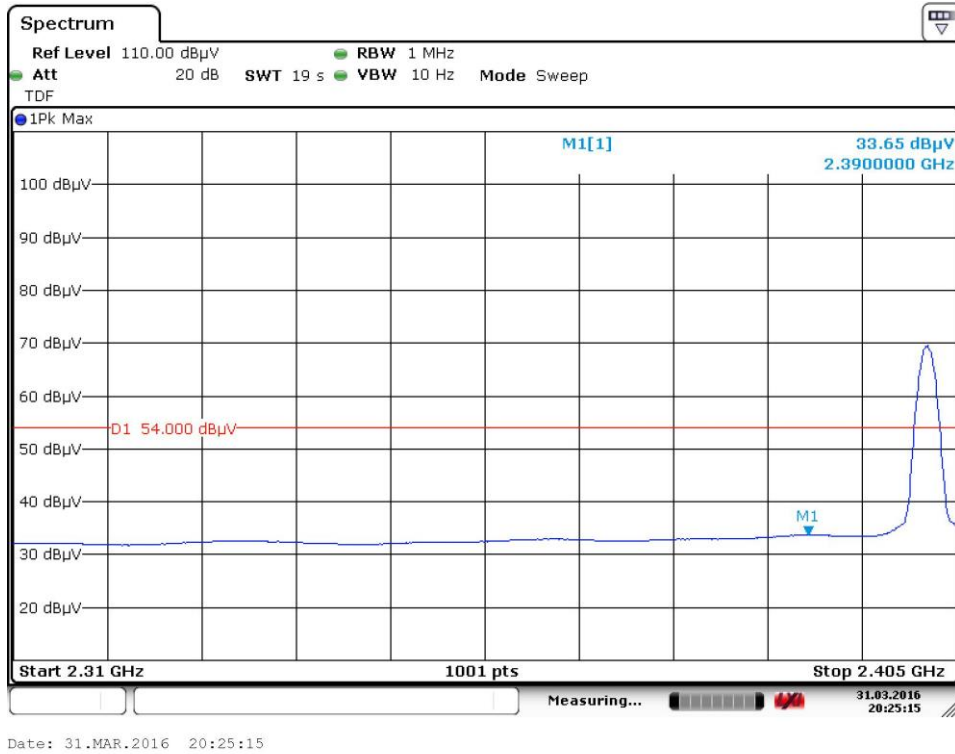
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Spurious Emissions, Band Edges, 2.35-2.5G

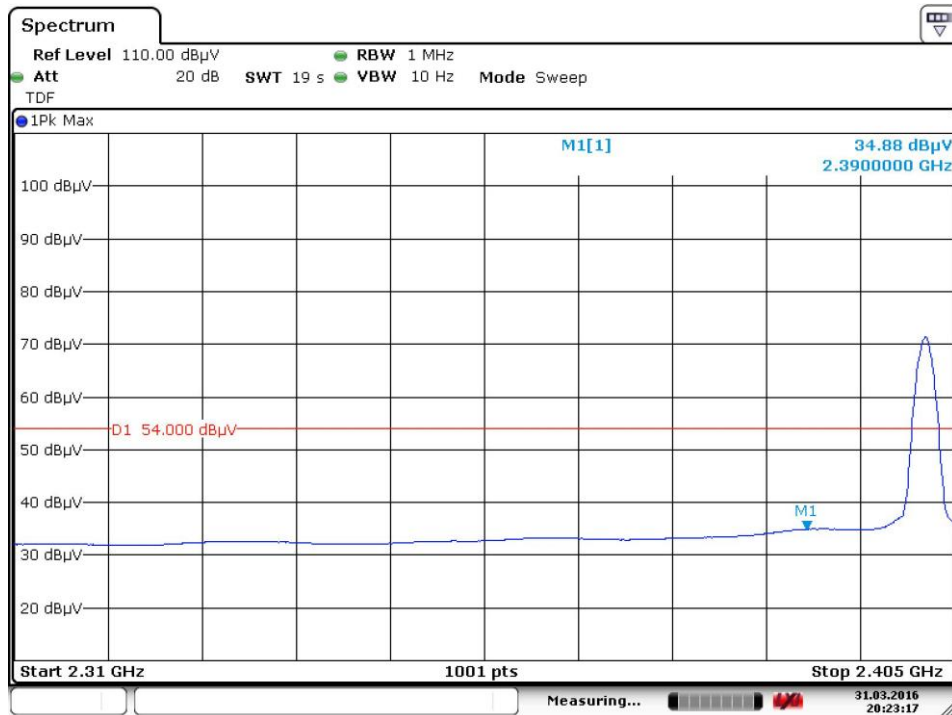
Radiated Bandedge (GFSK)

Low Channel (Hor)

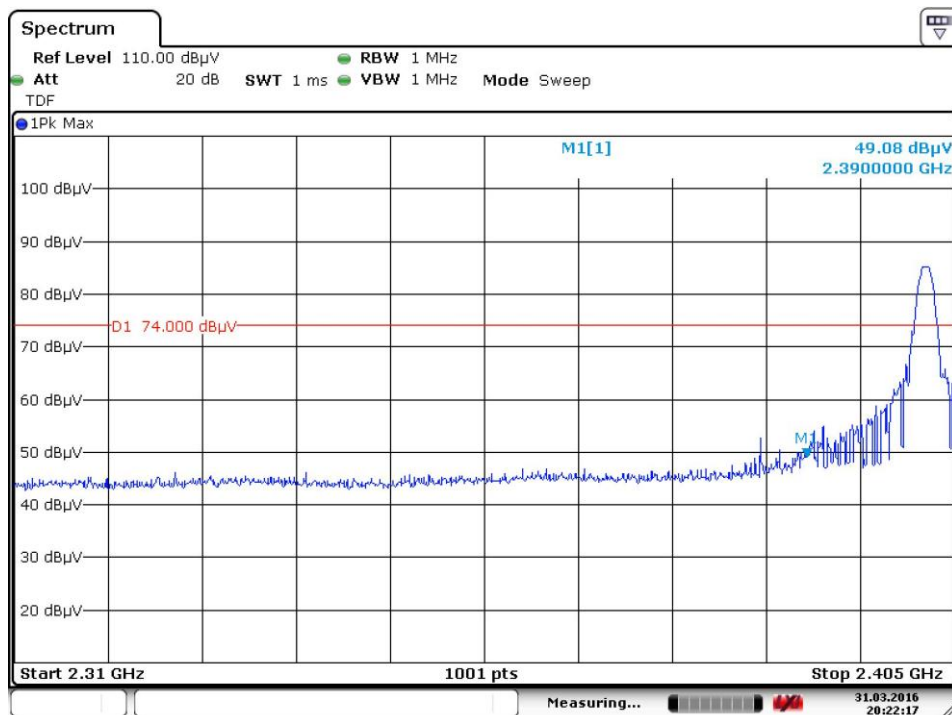


Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



Date: 31.MAR.2016 20:23:16

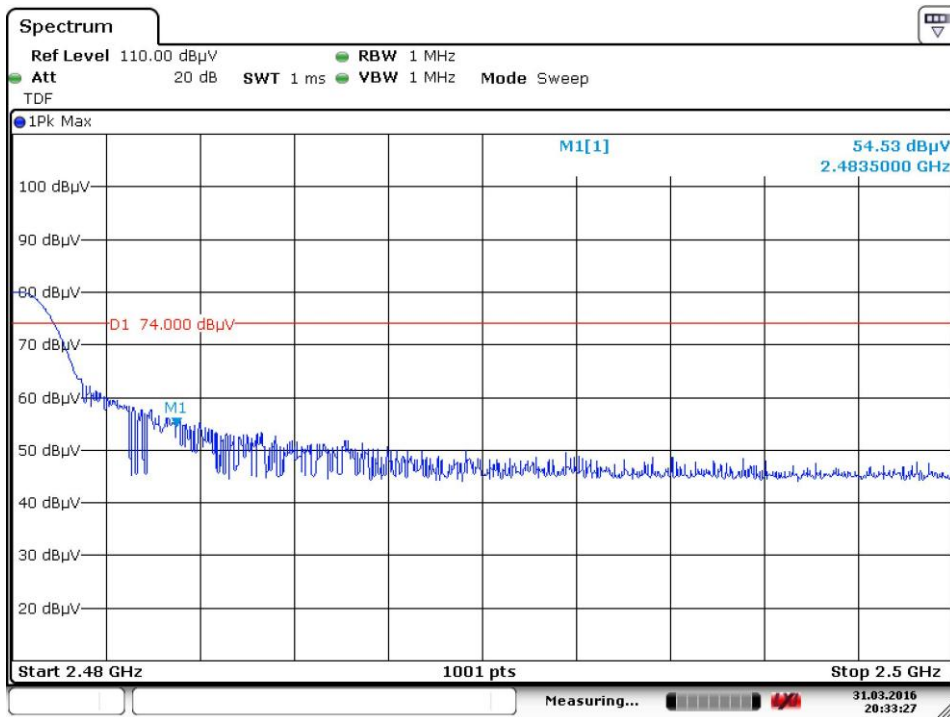
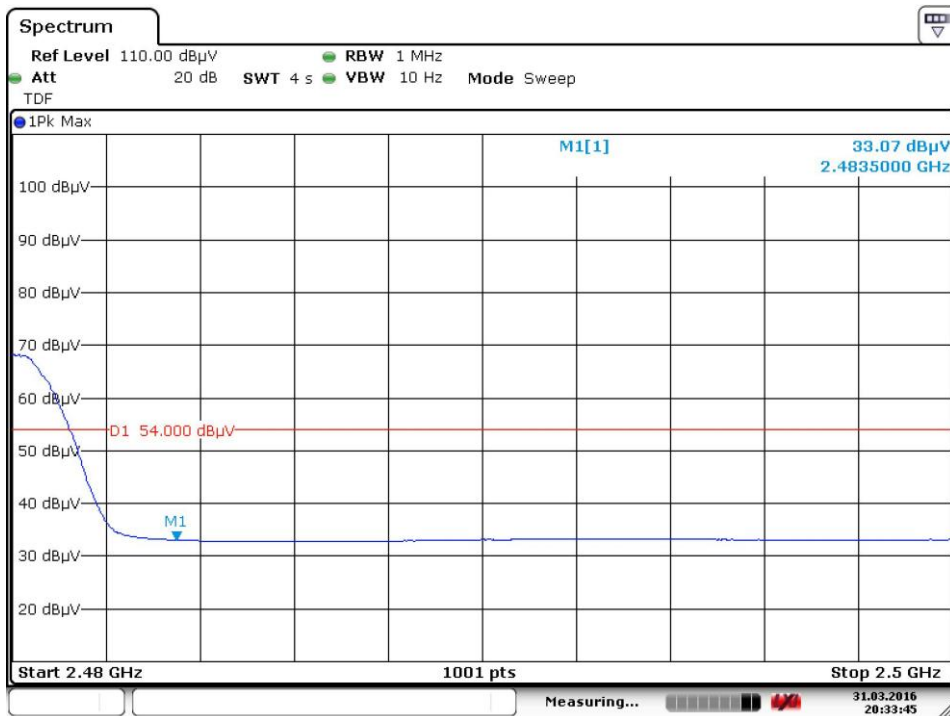


Date: 31.MAR.2016 20:22:17

Spurious Emissions, Band Edge, 2.35-2.5G

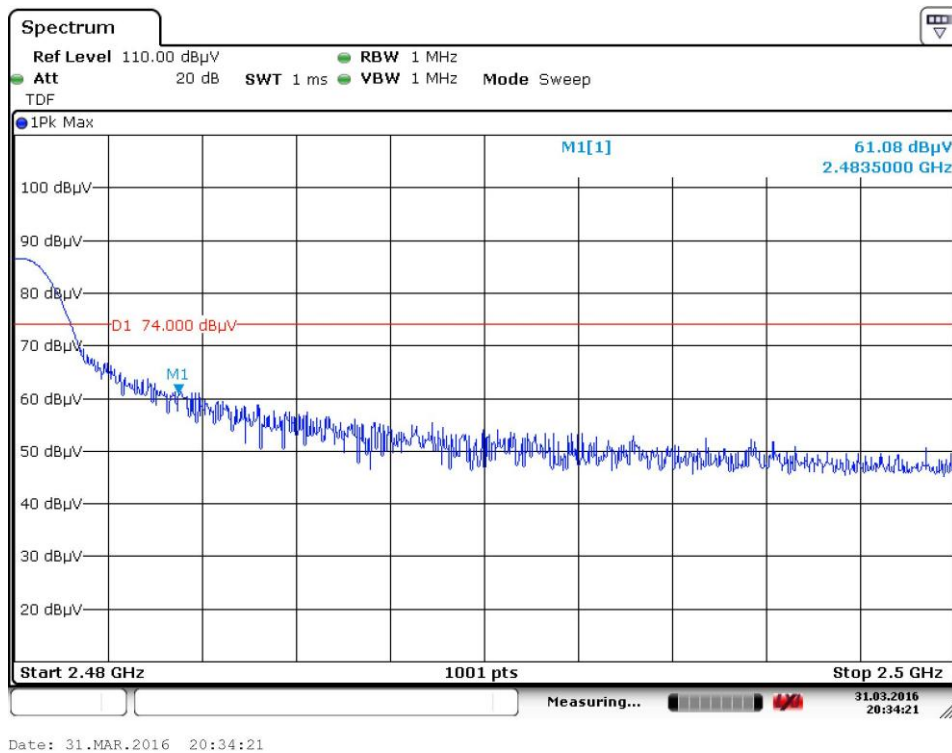
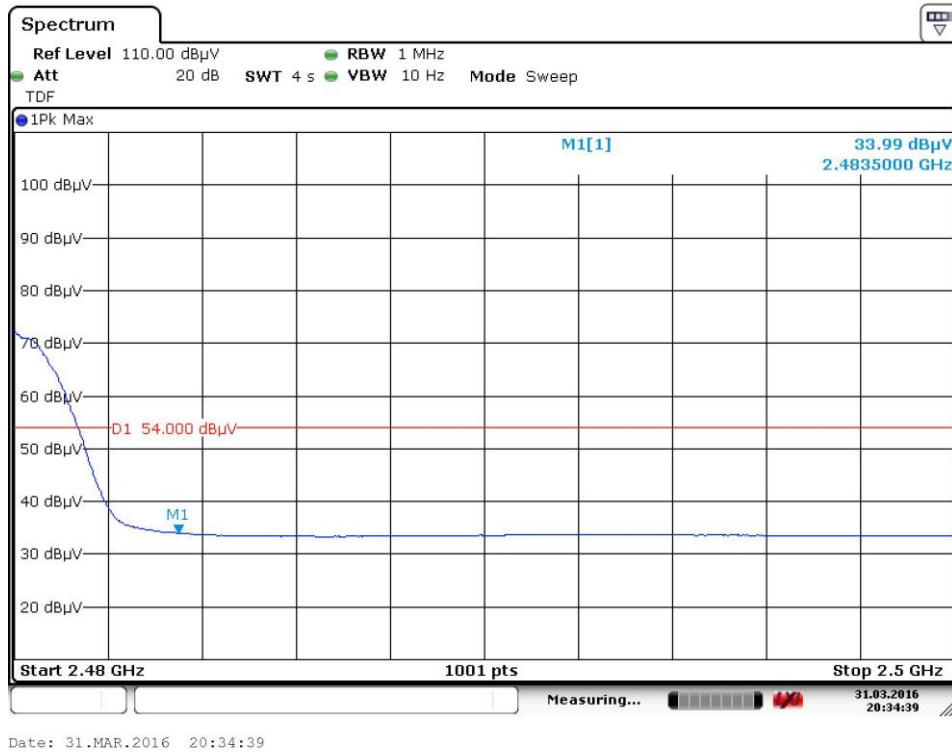
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

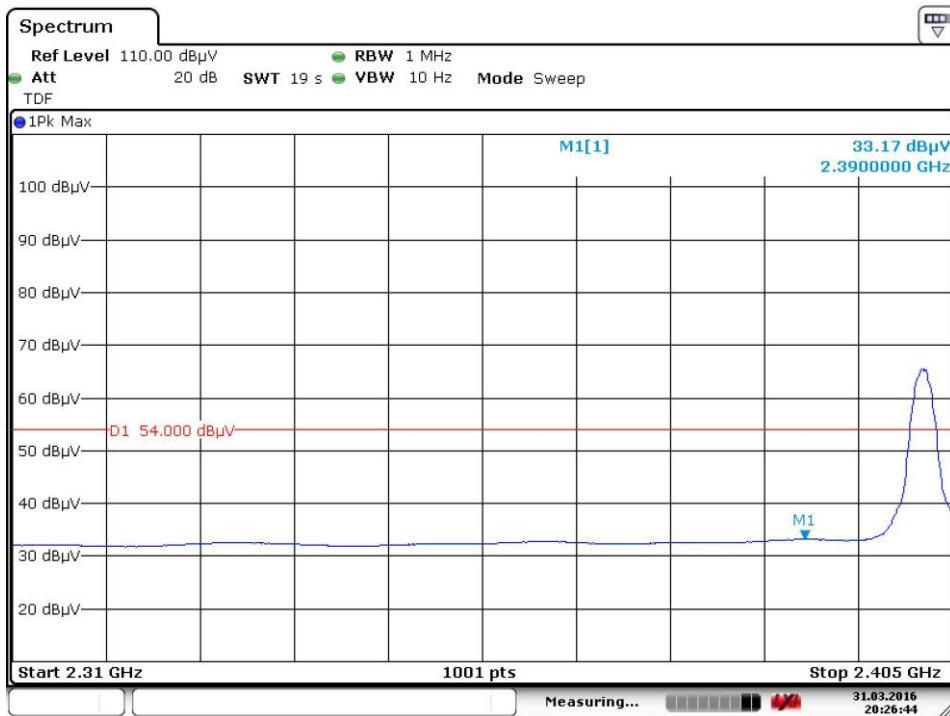
High Channel (Ver)



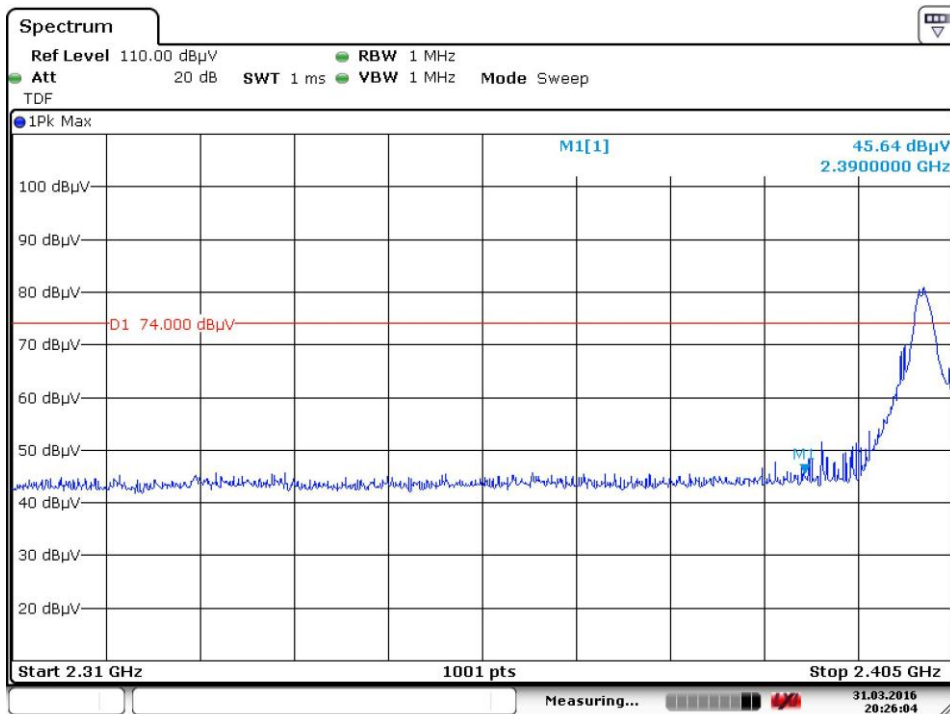
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

Low Channel (Hor)



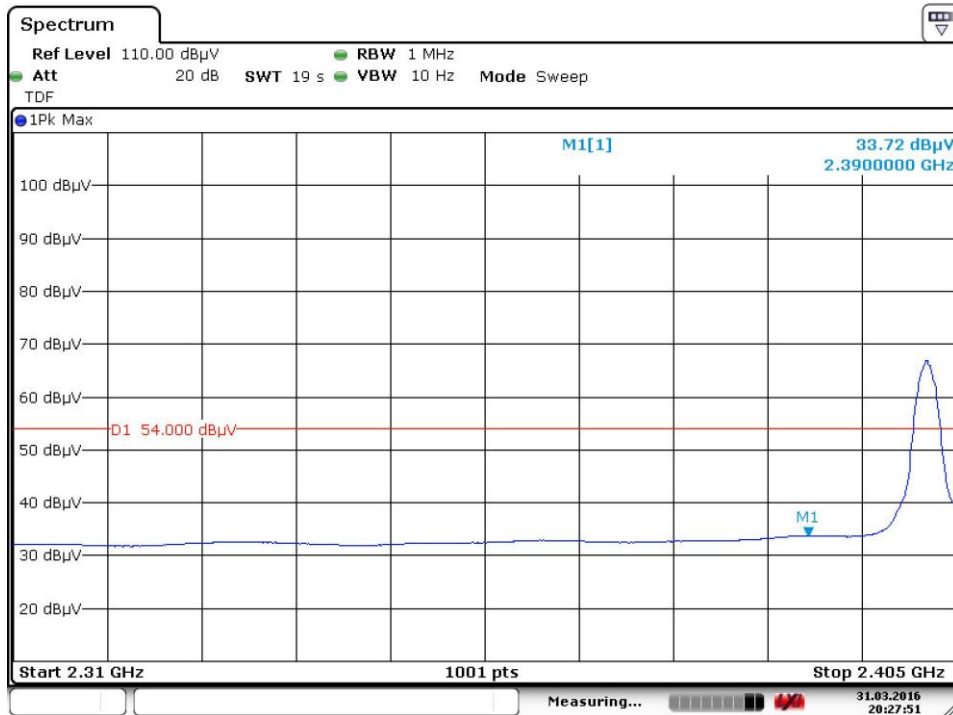
Date: 31.MAR.2016 20:26:44



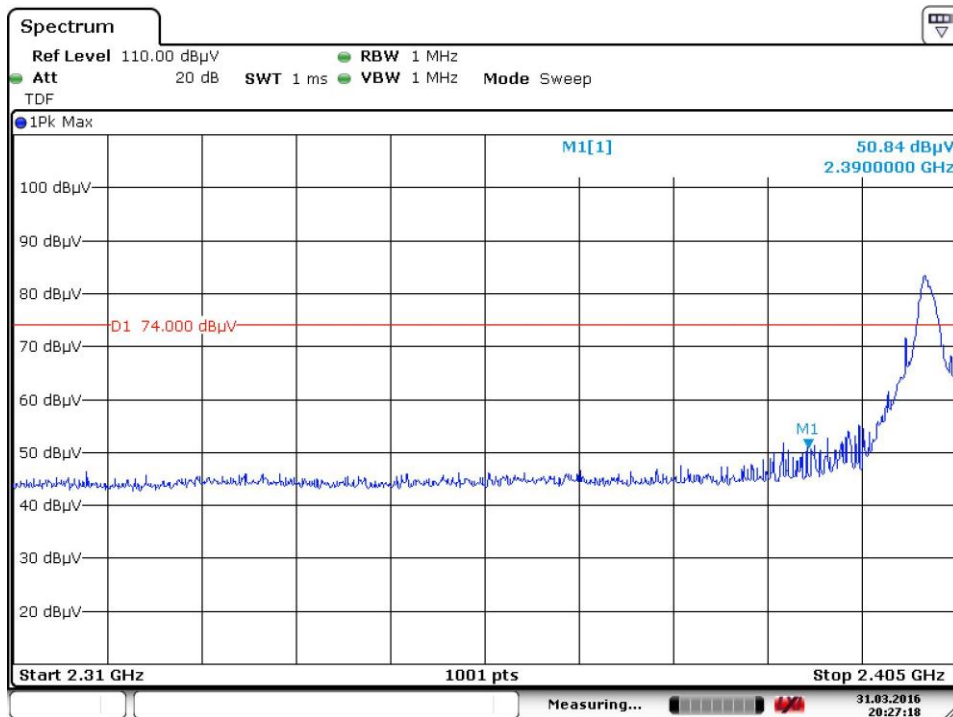
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Spurious Emissions, Band Edge, 2.35-2.5G

Low Channel (Ver)



Date: 31.MAR.2016 20:27:51

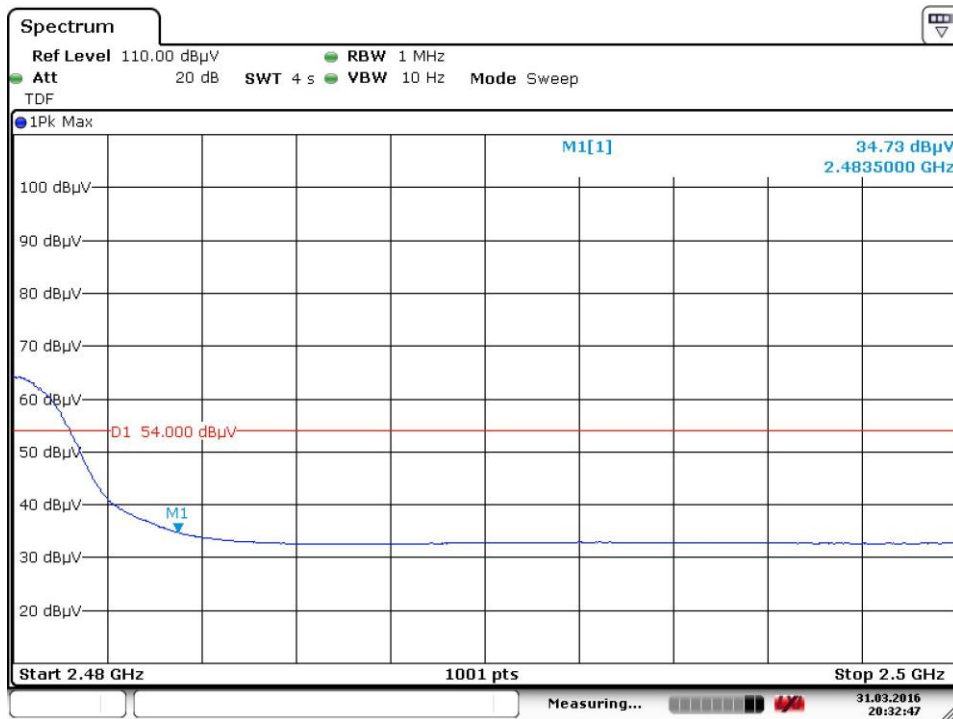


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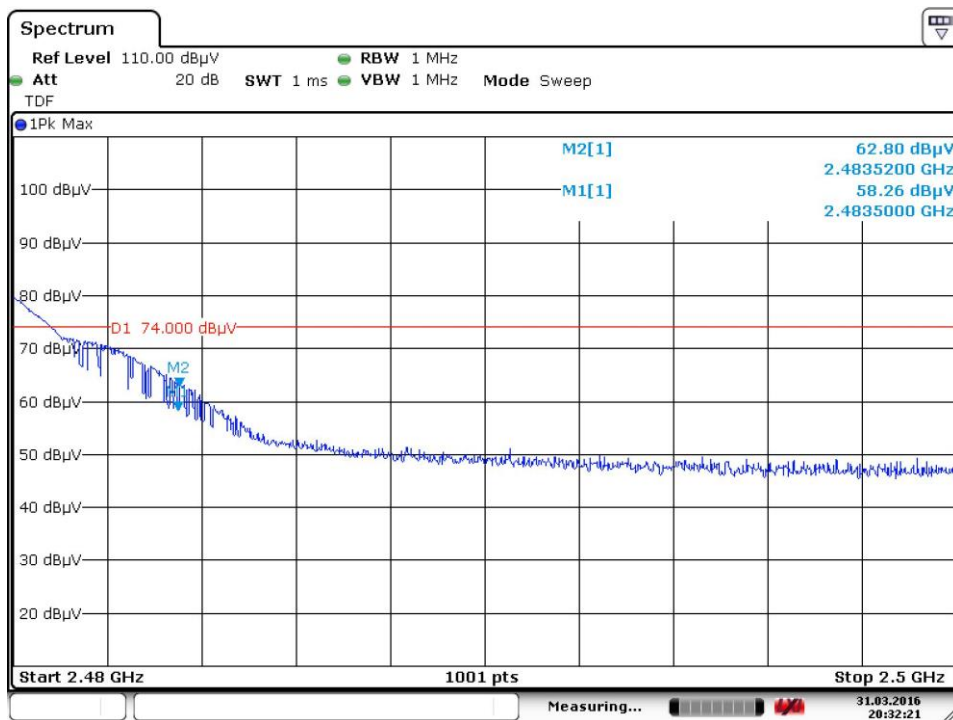
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

High Channel (Hor)



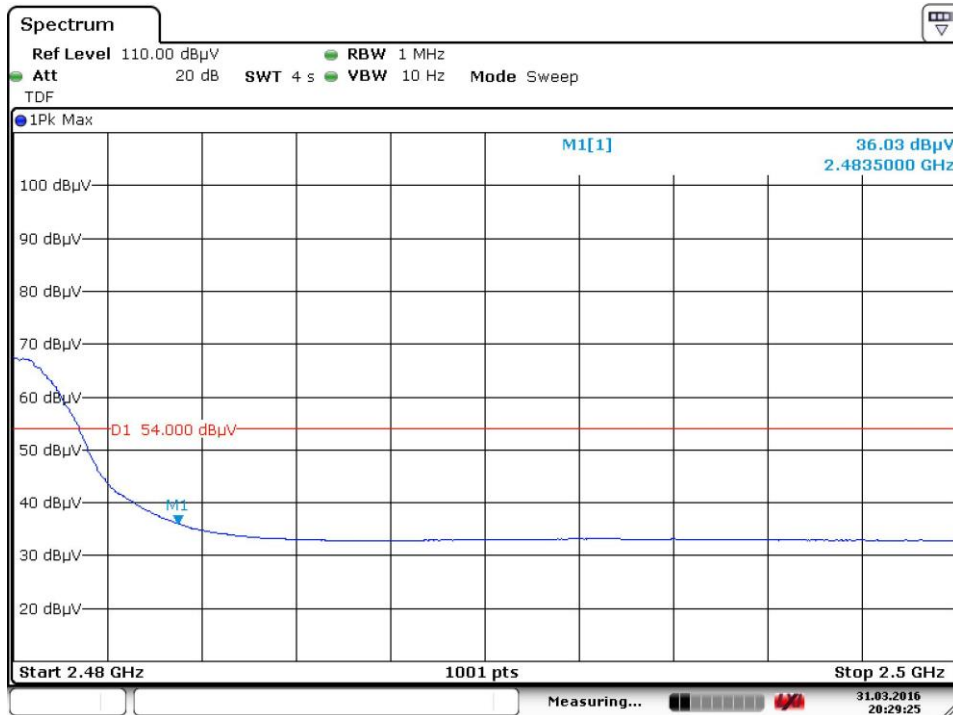
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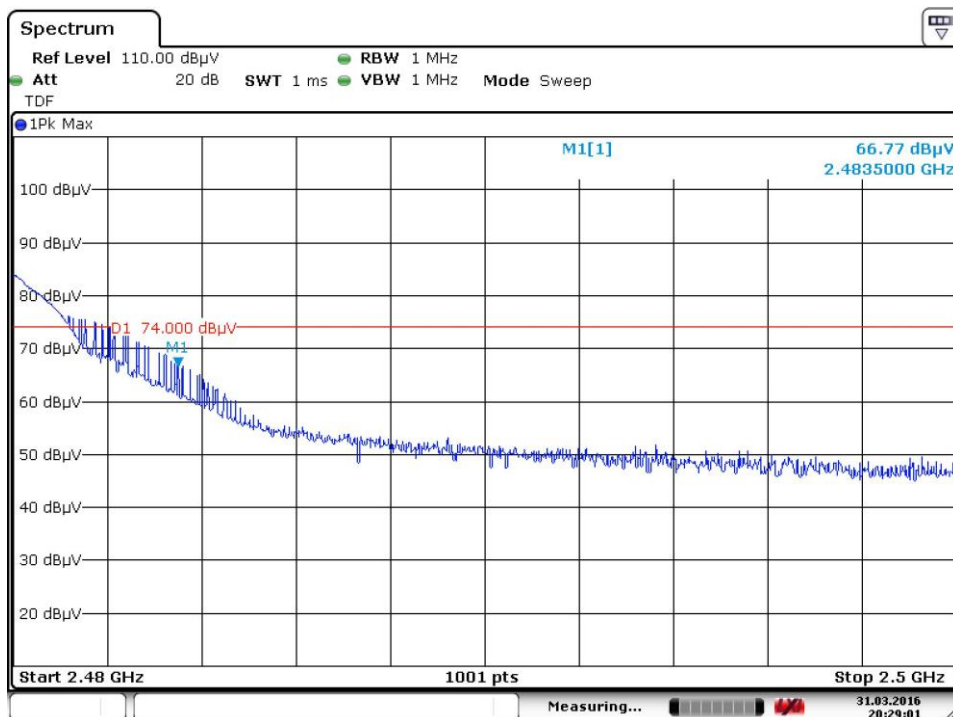
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Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Date: 31.MAR.2016 20:29:25



Date: 31.MAR.2016 20:29:01

Spurious Emissions, Band Edge, 2.35-2.5G

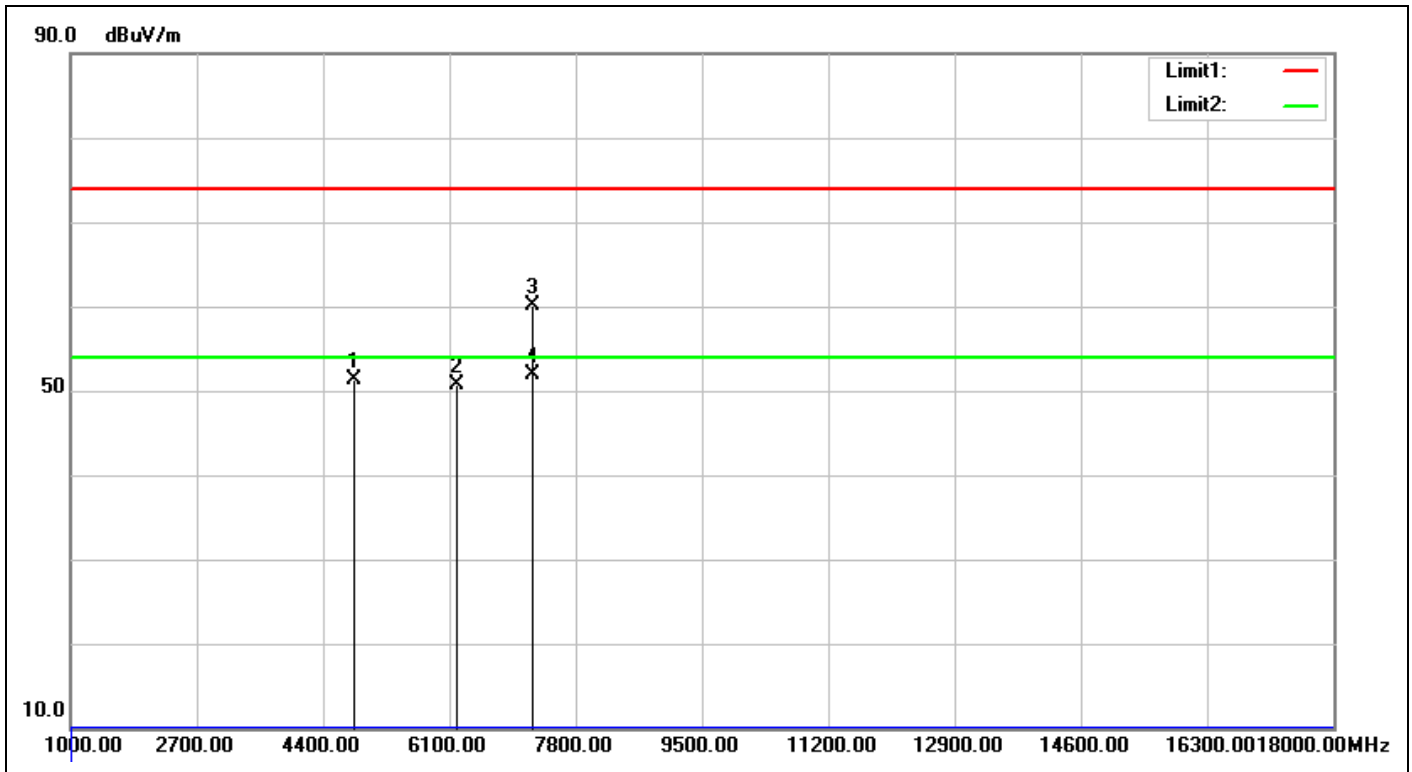
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

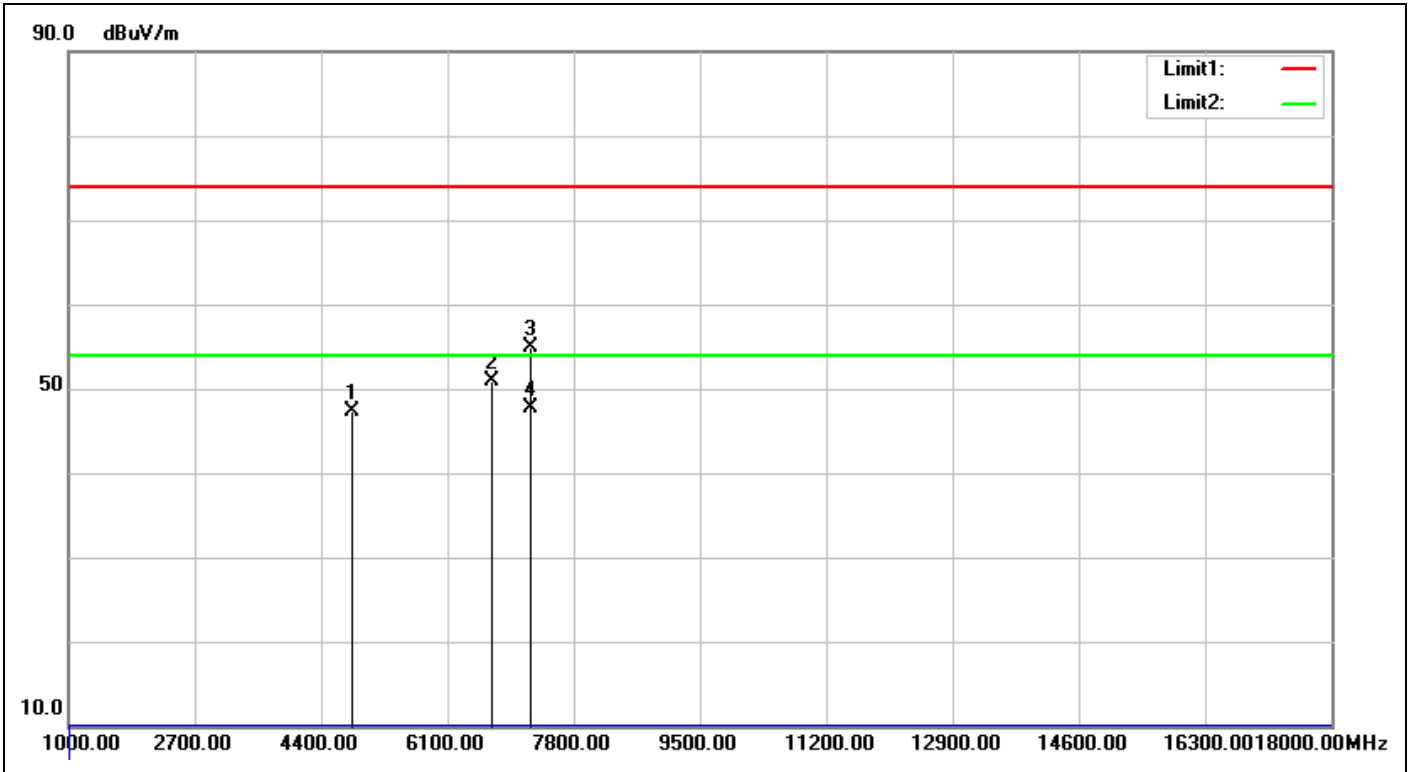
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



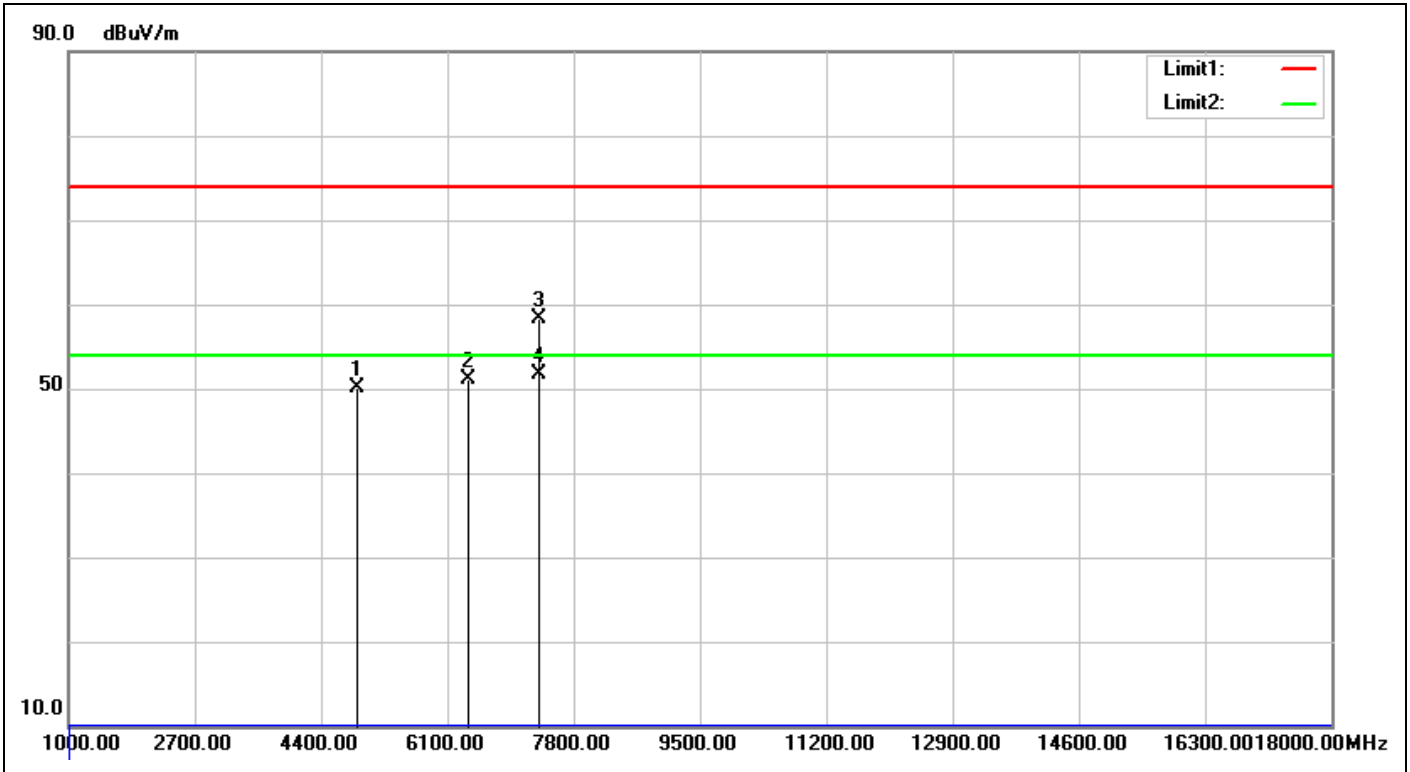
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/21 22:38:22
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	19.5(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2402-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	-2.28	53.66	51.38	74.00	-22.62	peak	100	330	
2	6202.000	4.89	45.72	50.61	74.00	-23.39	peak	100	300	
3	7206.000	5.77	54.28	60.05	74.00	-13.95	peak	100	156	
4	7206.000	5.77	46.16	51.93	54.00	-2.07	AVG	100	156	



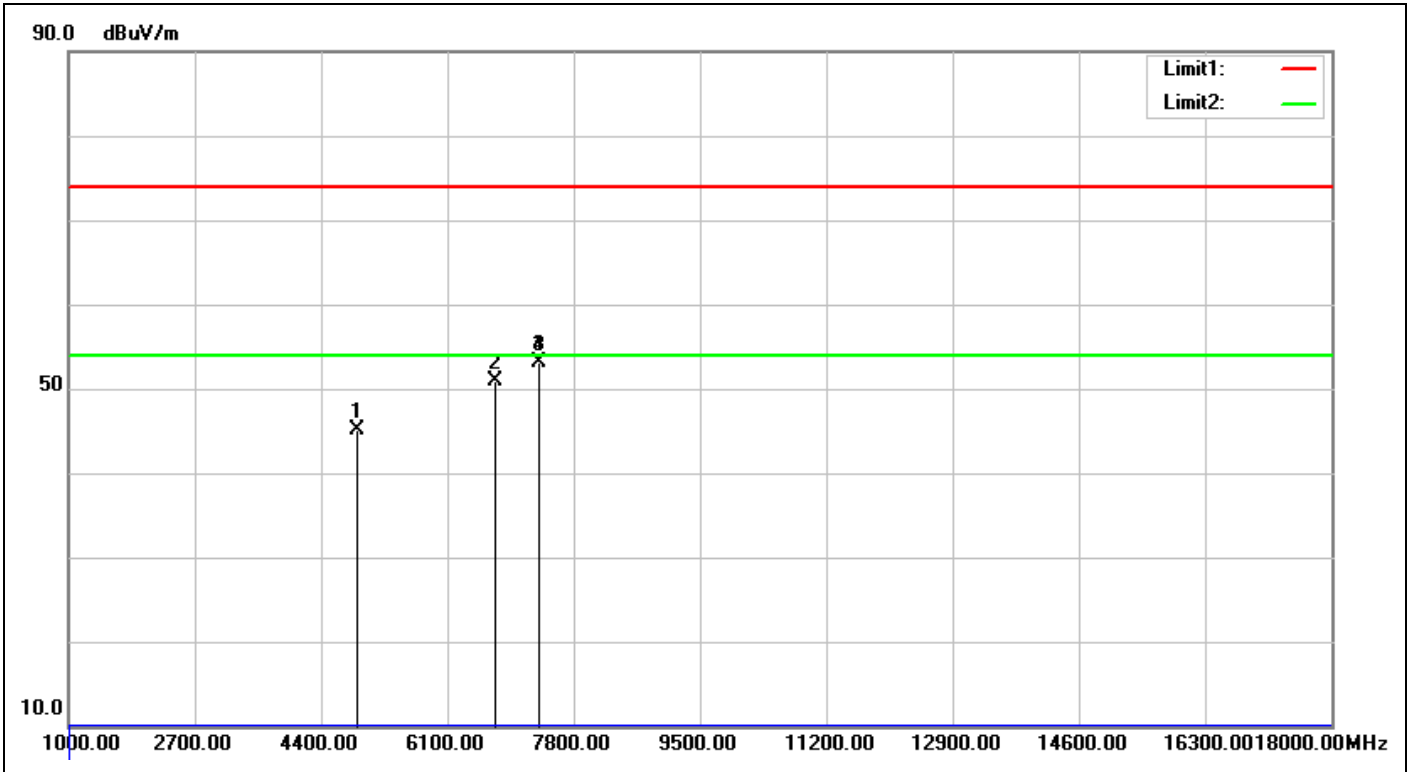
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/21 22:39:25
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	19.5(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2402-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	-2.28	49.61	47.33	74.00	-26.67	peak			
2	6695.000	5.70	45.30	51.00	74.00	-23.00	peak	100	11	
3	7206.000	5.77	49.07	54.84	74.00	-19.16	peak	100	136	
4	7206.000	5.77	41.90	47.67	54.00	-6.33	AVG	100	136	



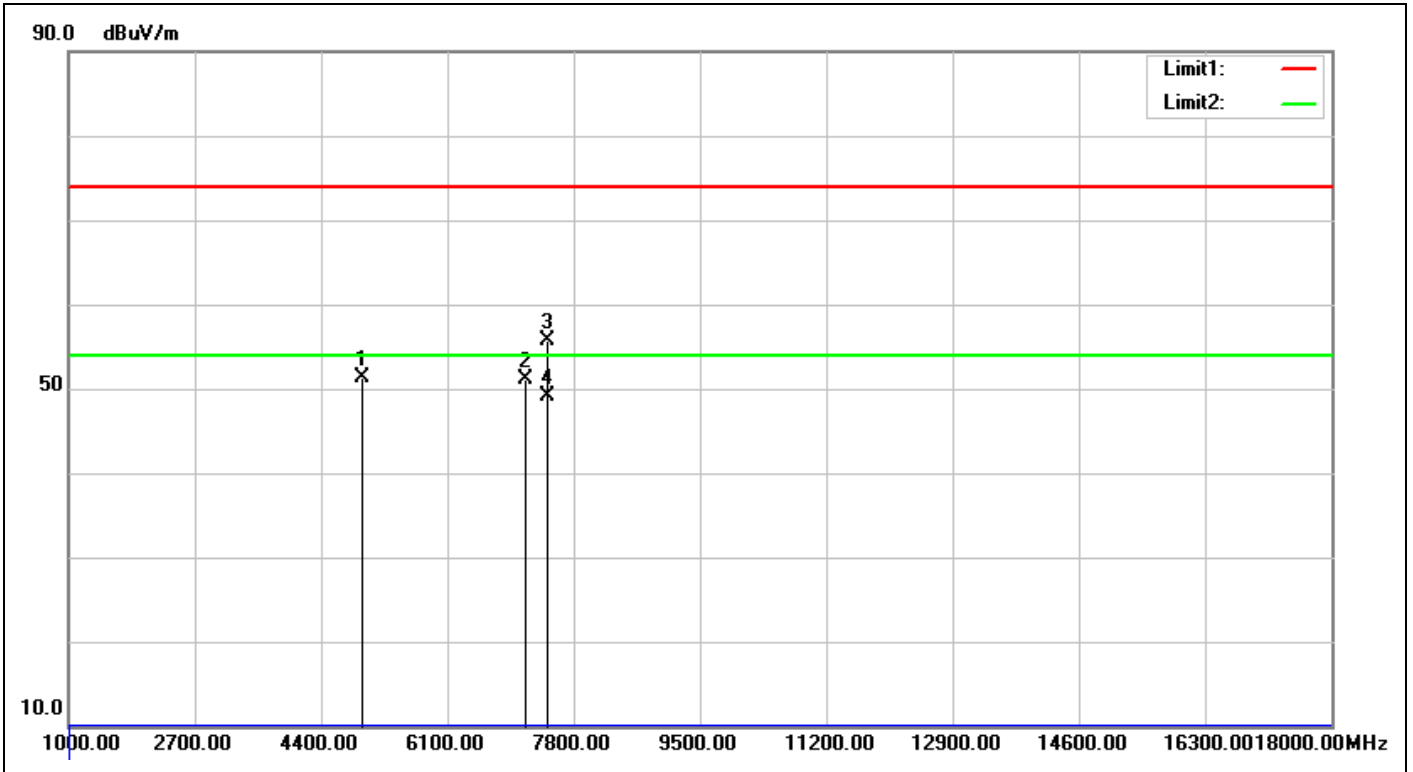
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Test item:	Radiation Emission	Test Time:	2016/3/21 22:43:44
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	19.5(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.10	52.16	50.06	74.00	-23.94	peak	100	150	
2	6389.000	5.61	45.53	51.14	74.00	-22.86	peak	100	252	
3	7323.000	6.11	52.17	58.28	74.00	-15.72	peak	100	161	
4	7323.000	6.11	45.51	51.62	54.00	-2.38	AVG	100	161	



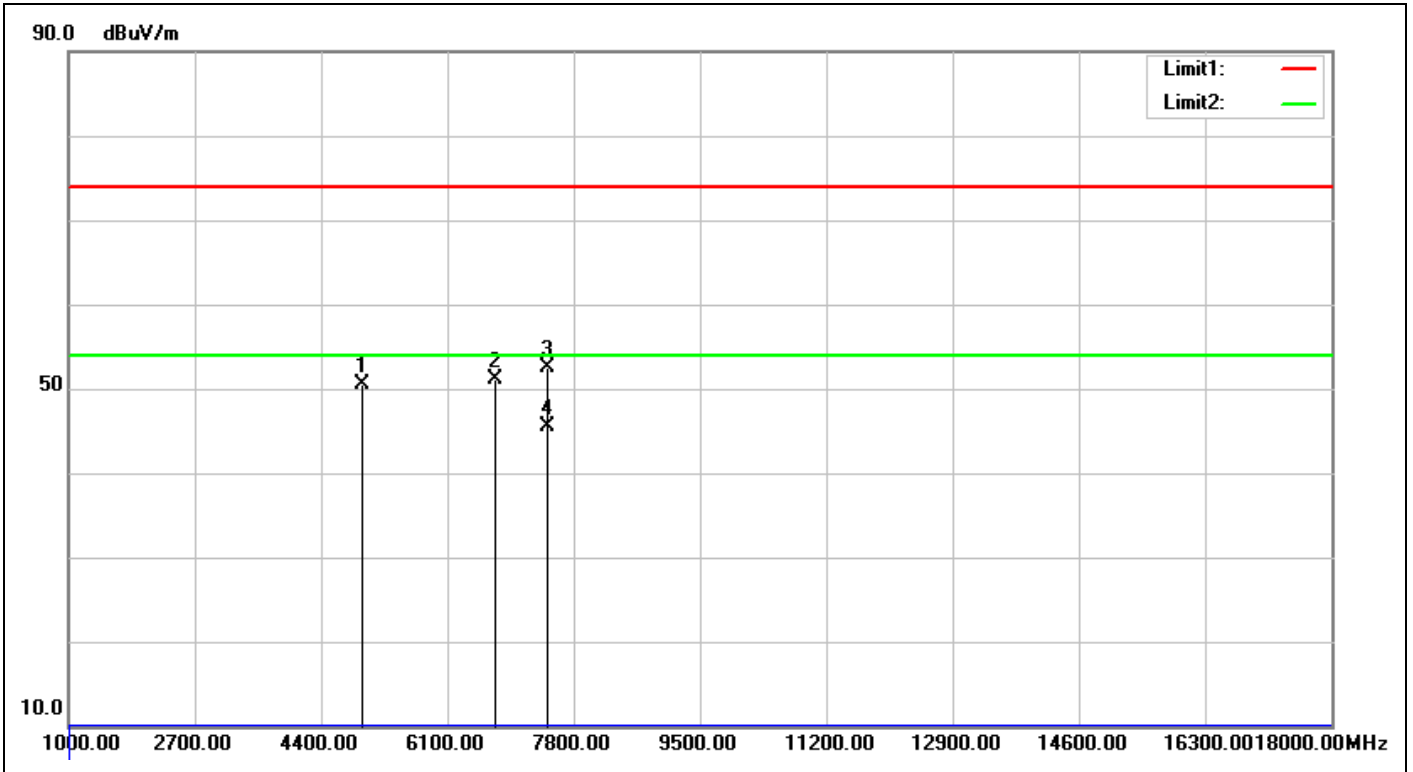
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Test item:	Radiation Emission	Test Time:	2016/3/21 22:44:47
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	19.5(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.10	47.27	45.17	74.00	-28.83	peak			
2	6746.000	5.60	45.34	50.94	74.00	-23.06	peak	100	146	
3	7323.000	6.11	46.93	53.04	74.00	-20.96	peak	100	132	
4	7323.000	6.11	46.93	53.04	74.00	-20.96	peak	100	132	



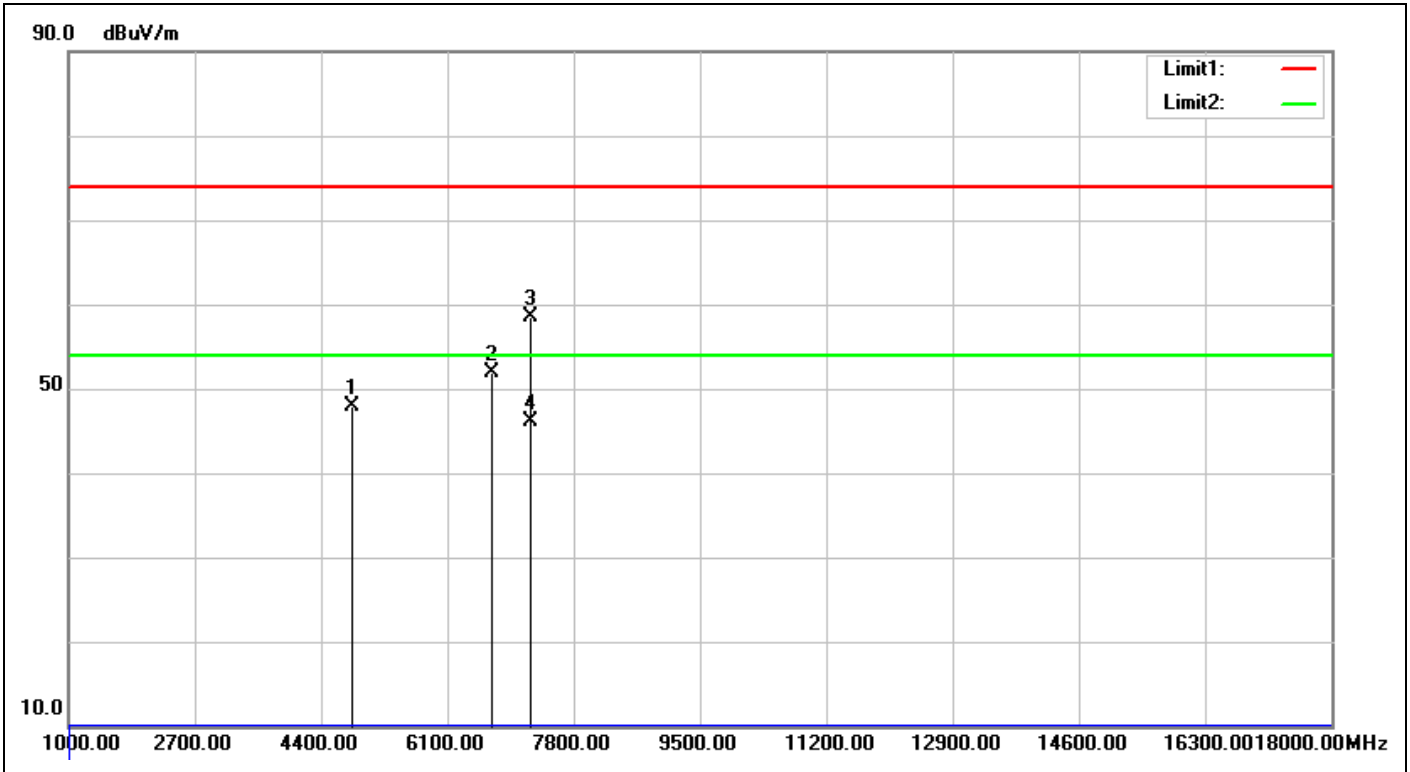
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Test item:	Radiation Emission	Test Time:	2016/3/31 20:31:17
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-1.91	53.30	51.39	74.00	-22.61	peak	100	200	
2	7154.000	5.62	45.39	51.01	74.00	-22.99	peak	100	183	
3	7440.000	6.44	49.27	55.71	74.00	-18.29	peak	100	206	
4	7440.000	6.44	42.60	49.04	54.00	-4.96	AVG	100	206	



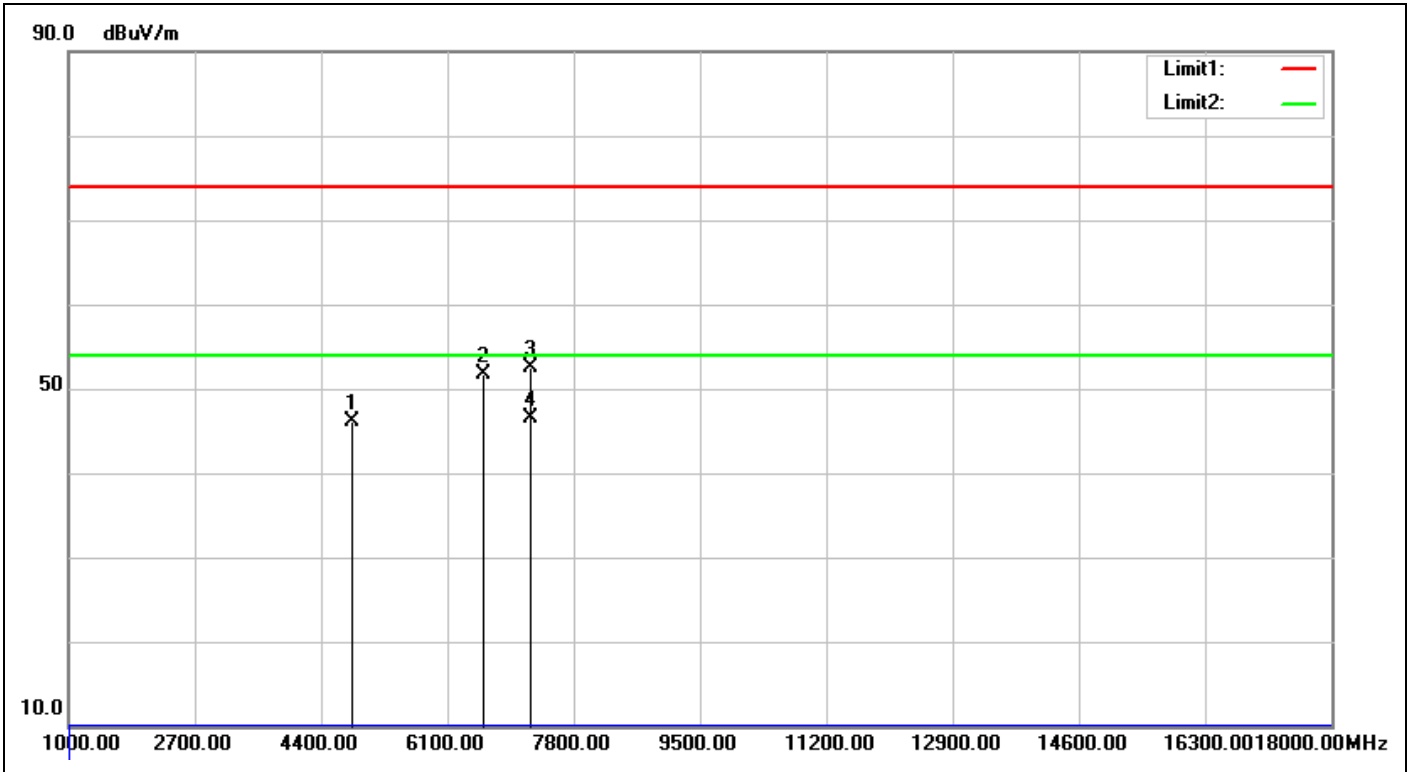
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:32:20
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2480-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	-1.91	52.33	50.42	74.00	-23.58	peak	100	171	
2	6746.000	5.60	45.48	51.08	74.00	-22.92	peak	100	146	
3	7440.000	6.44	46.02	52.46	74.00	-21.54	peak	100	163	
4	7440.000	6.44	39.09	45.53	54.00	-8.47	AVG	100	163	



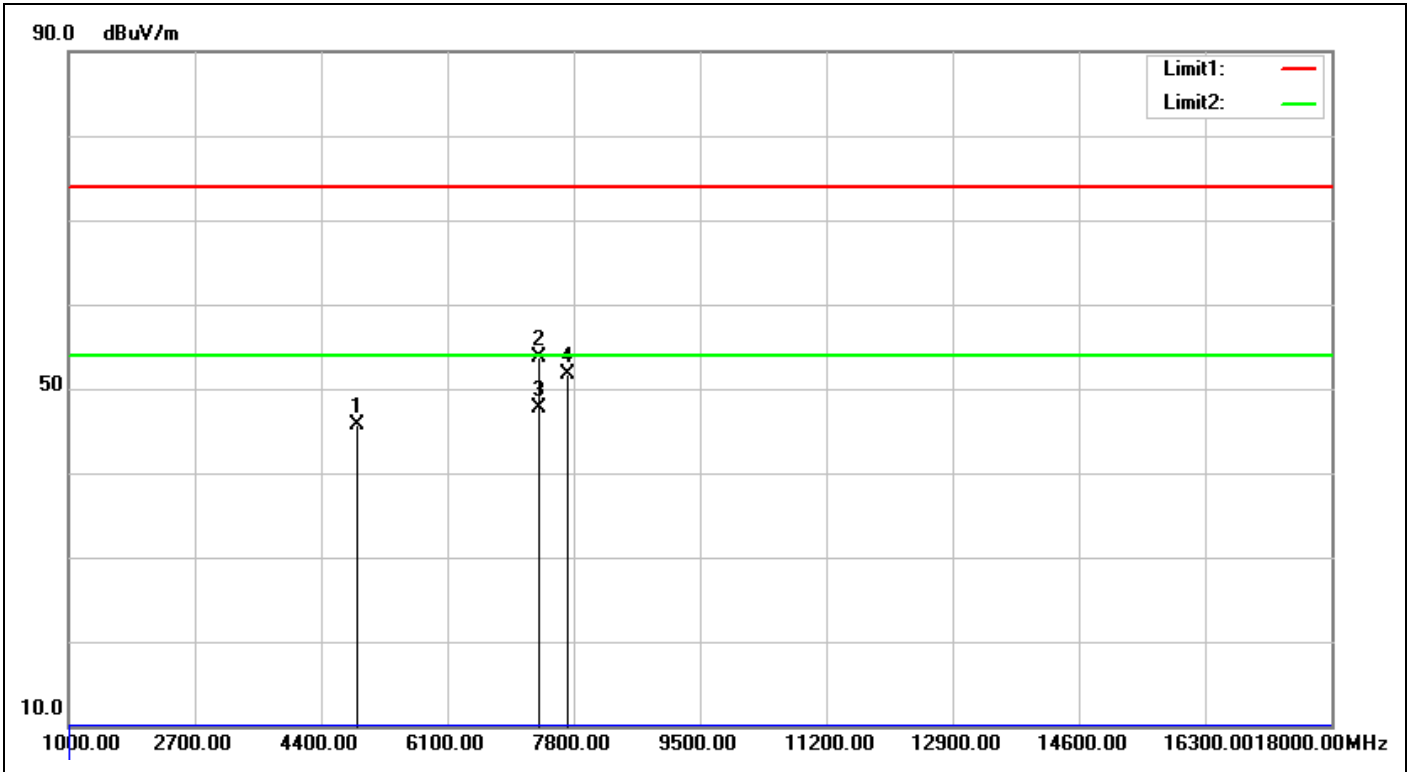
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:37:58
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2402-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	-2.28	50.09	47.81	74.00	-26.19	peak			
2	6695.000	5.70	46.16	51.86	74.00	-22.14	peak	100	235	
3	7206.000	5.77	52.66	58.43	74.00	-15.57	peak	100	202	
4	7206.000	5.77	40.33	46.10	54.00	-7.90	AVG	100	202	



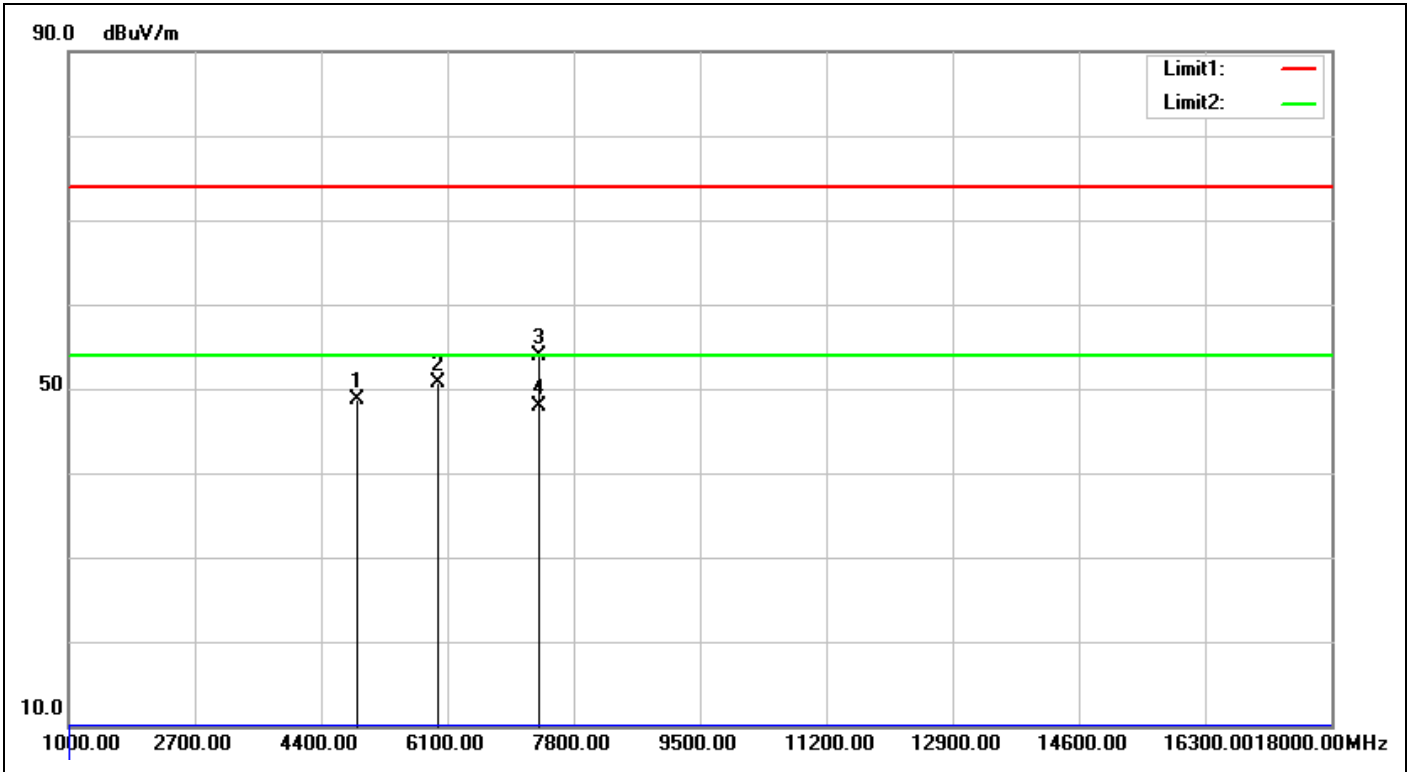
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:39:01
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2402-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	-2.28	48.33	46.05	74.00	-27.95	peak			
2	6593.000	5.86	45.94	51.80	74.00	-22.20	peak	100	302	
3	7206.000	5.77	46.83	52.60	74.00	-21.40	peak	100	183	
4	7206.000	5.77	40.73	46.50	54.00	-7.50	AVG	100	183	



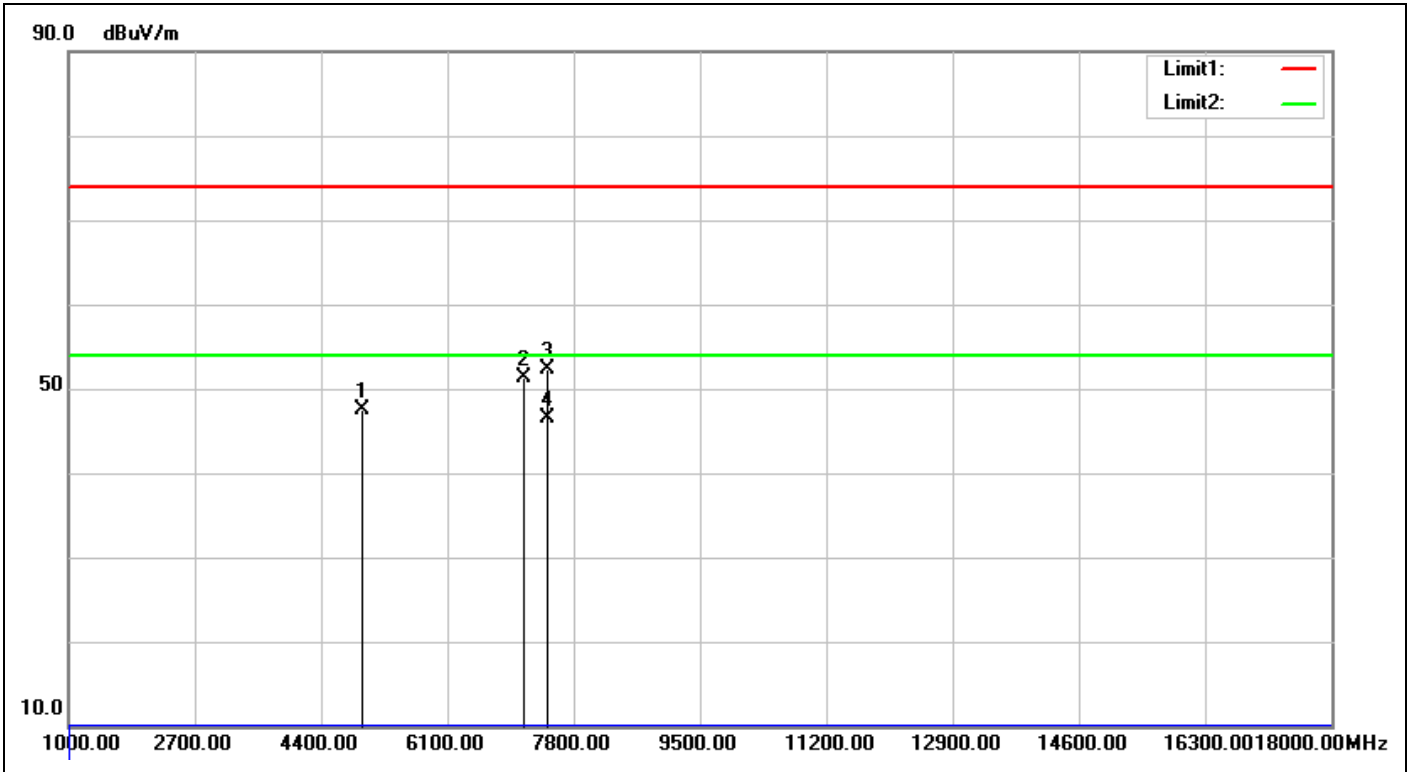
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:42:46
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.10	47.76	45.66	74.00	-28.34	peak			
2	7323.000	6.11	47.60	53.71	74.00	-20.29	peak	100	202	
3	7323.000	6.11	41.59	47.70	54.00	-6.30	AVG	100	202	
4	7715.000	6.59	45.18	51.77	74.00	-22.23	peak	100	19	



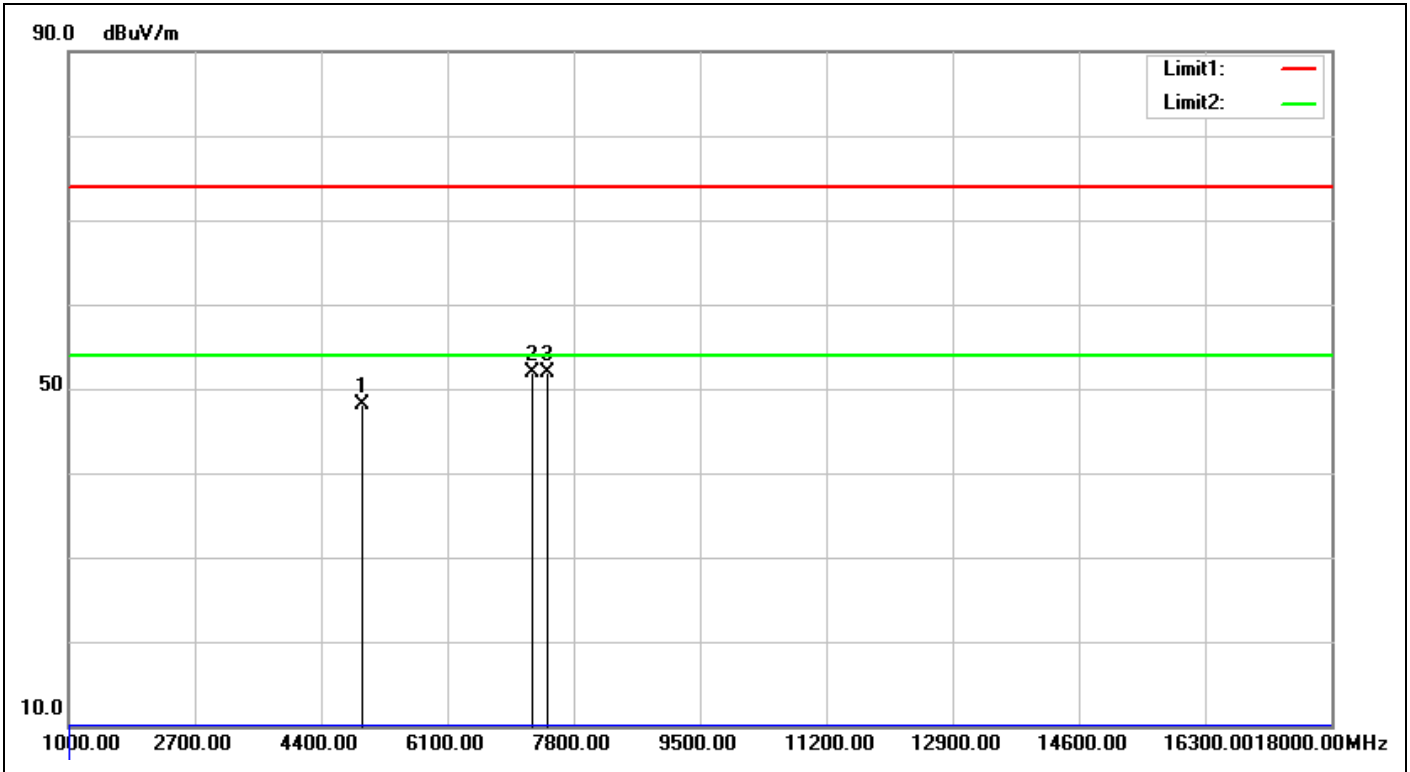
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:43:49
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.000	-2.10	50.87	48.77	74.00	-25.23	peak	100	128	
2	5964.000	3.89	46.85	50.74	74.00	-23.26	peak	100	6	
3	7323.000	6.11	47.88	53.99	74.00	-20.01	peak	100	227	
4	7323.000	6.11	41.79	47.90	54.00	-6.10	AVG	100	227	



Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:46:44
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2480-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	-1.91	49.46	47.55	74.00	-26.45	peak			
2	7120.000	5.53	45.84	51.37	74.00	-22.63	peak	100	246	
3	7440.000	6.44	45.95	52.39	74.00	-21.61	peak	100	210	
4	7440.000	6.44	40.06	46.50	54.00	-7.50	AVG	100	210	



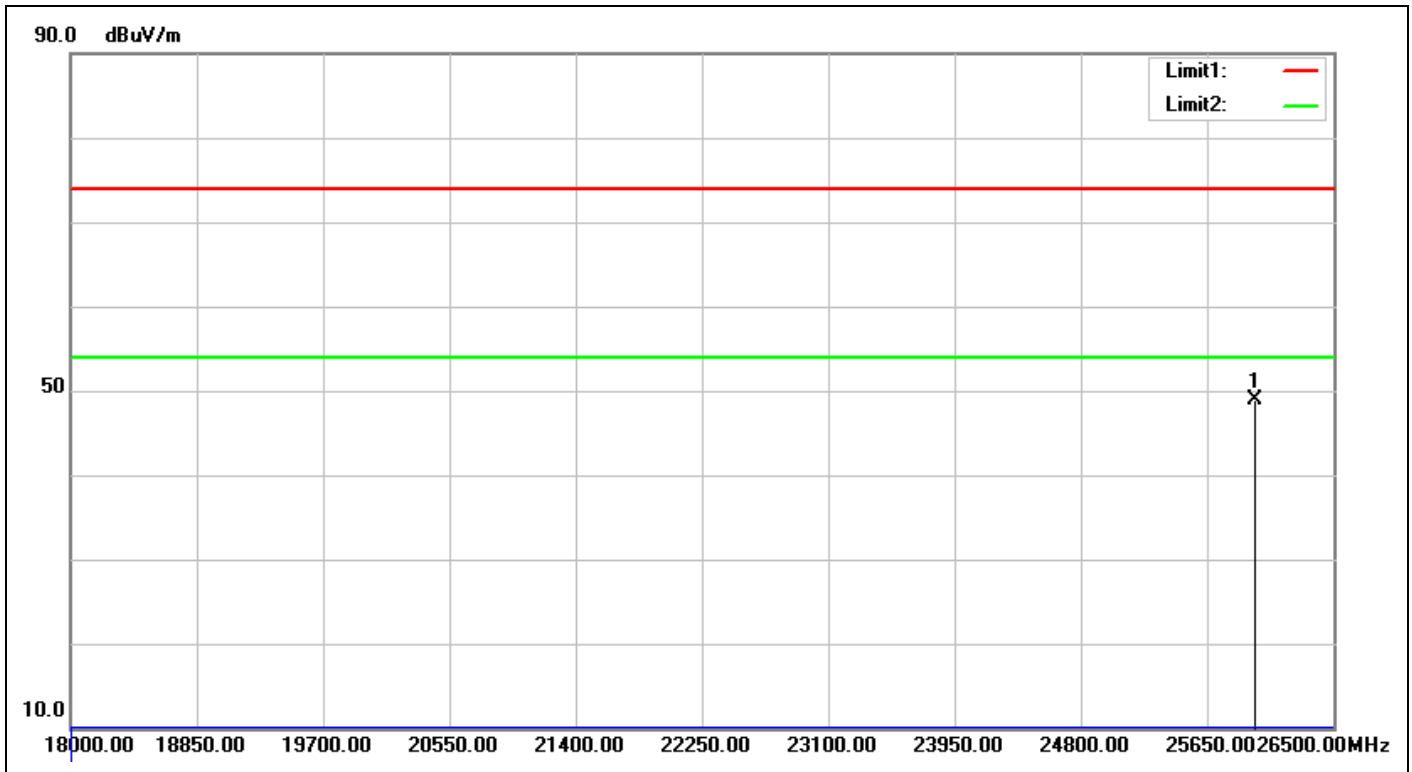
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:47:46
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2480-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	-1.91	50.06	48.15	74.00	-25.85	peak			
2	7239.000	5.86	45.95	51.81	74.00	-22.19	peak	100	51	
3	7440.000	6.44	45.41	51.85	74.00	-22.15	peak	100	145	

Spurious Emissions, TX Mode, 18-26G

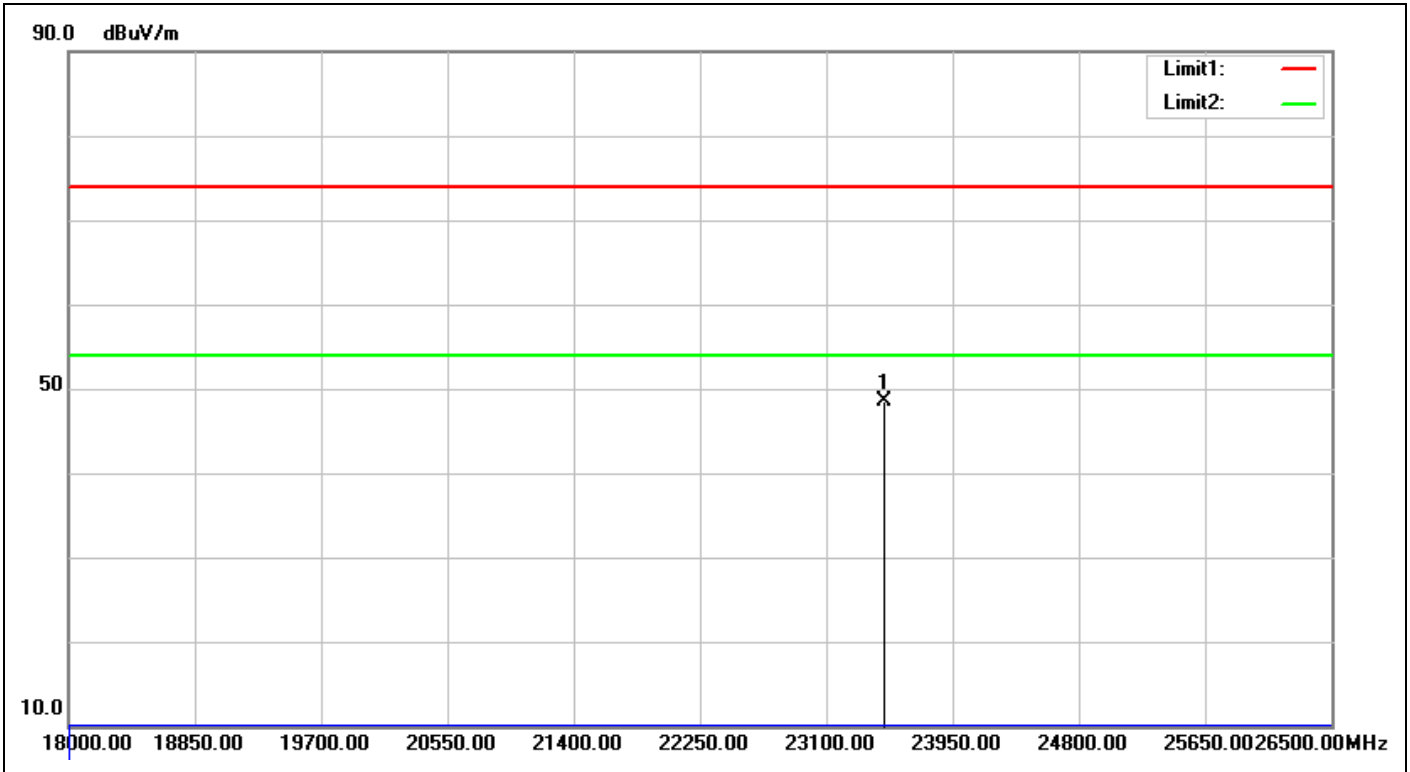


TUV Taiwan
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 Tel:+886-2172-7000 fax:+886-2528-0018



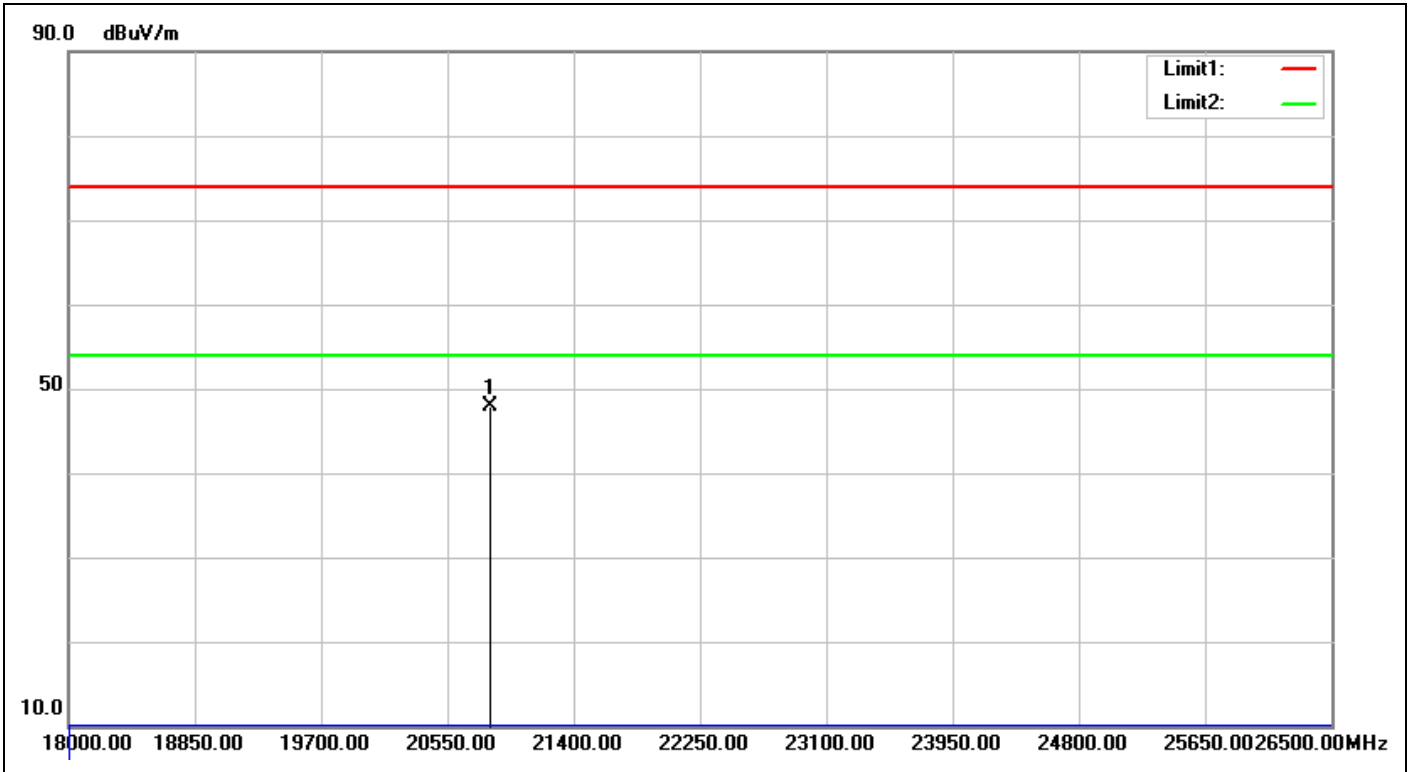
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:56:15
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25973.000	32.42	16.46	48.88	74.00	-25.12	peak		0	



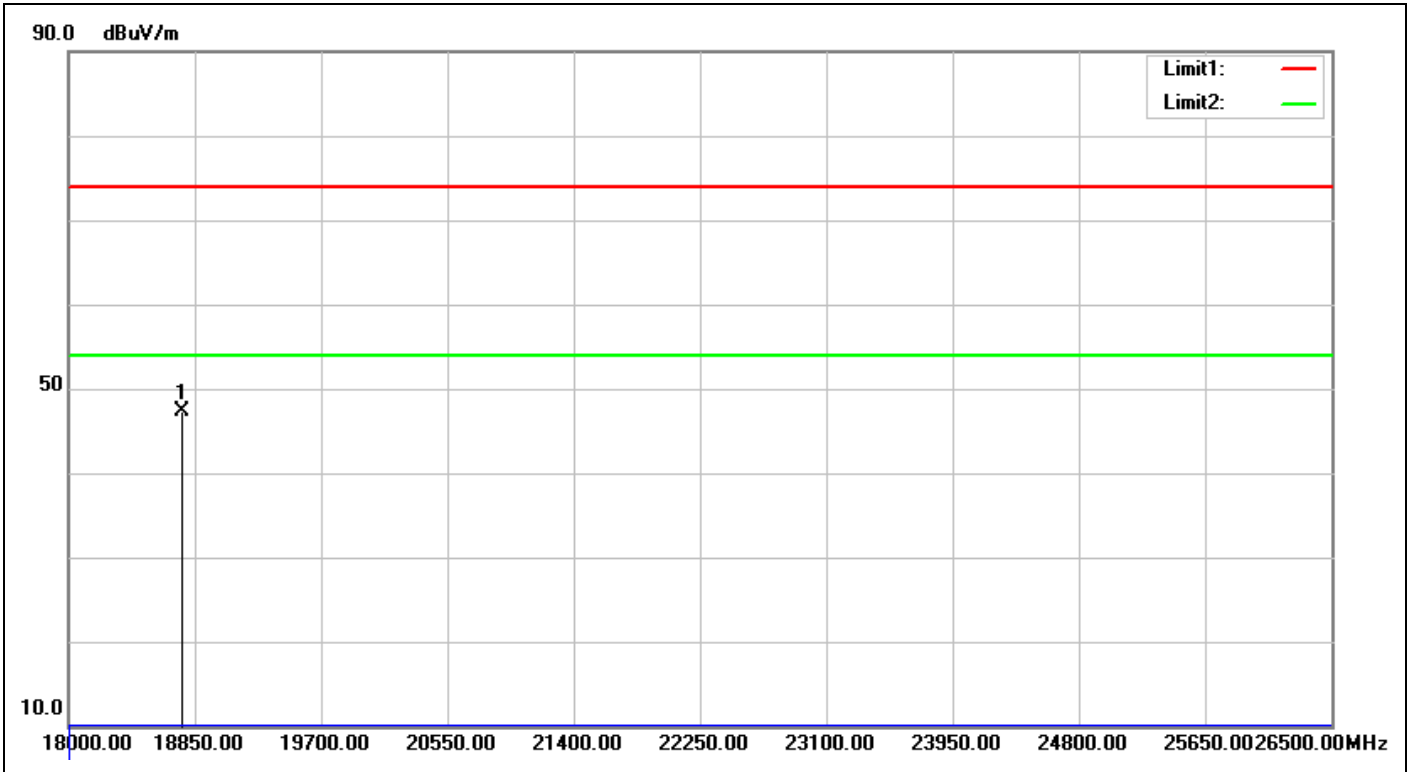
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:56:24
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23491.000	30.02	18.45	48.47	74.00	-25.53	peak			



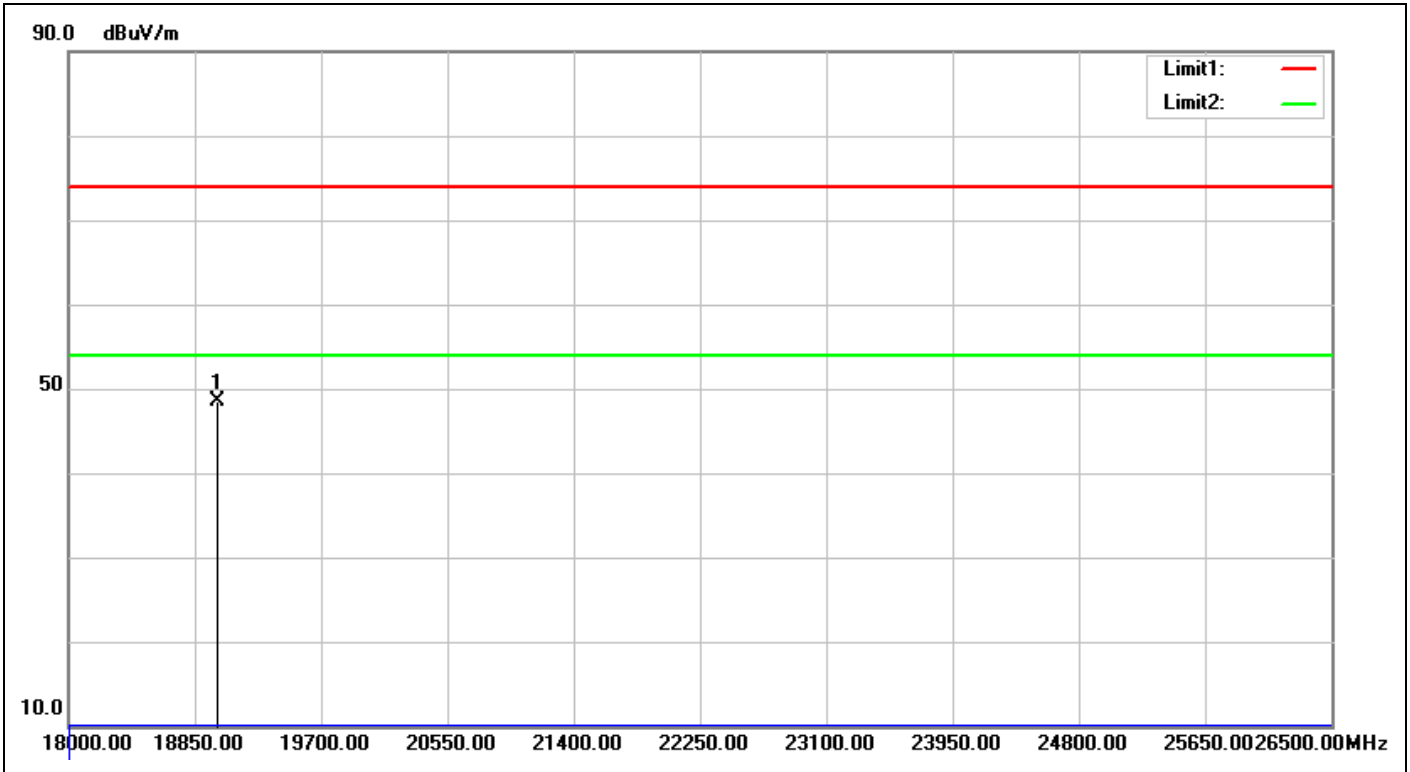
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:56:35
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20839.000	29.94	18.01	47.95	74.00	-26.05	peak			



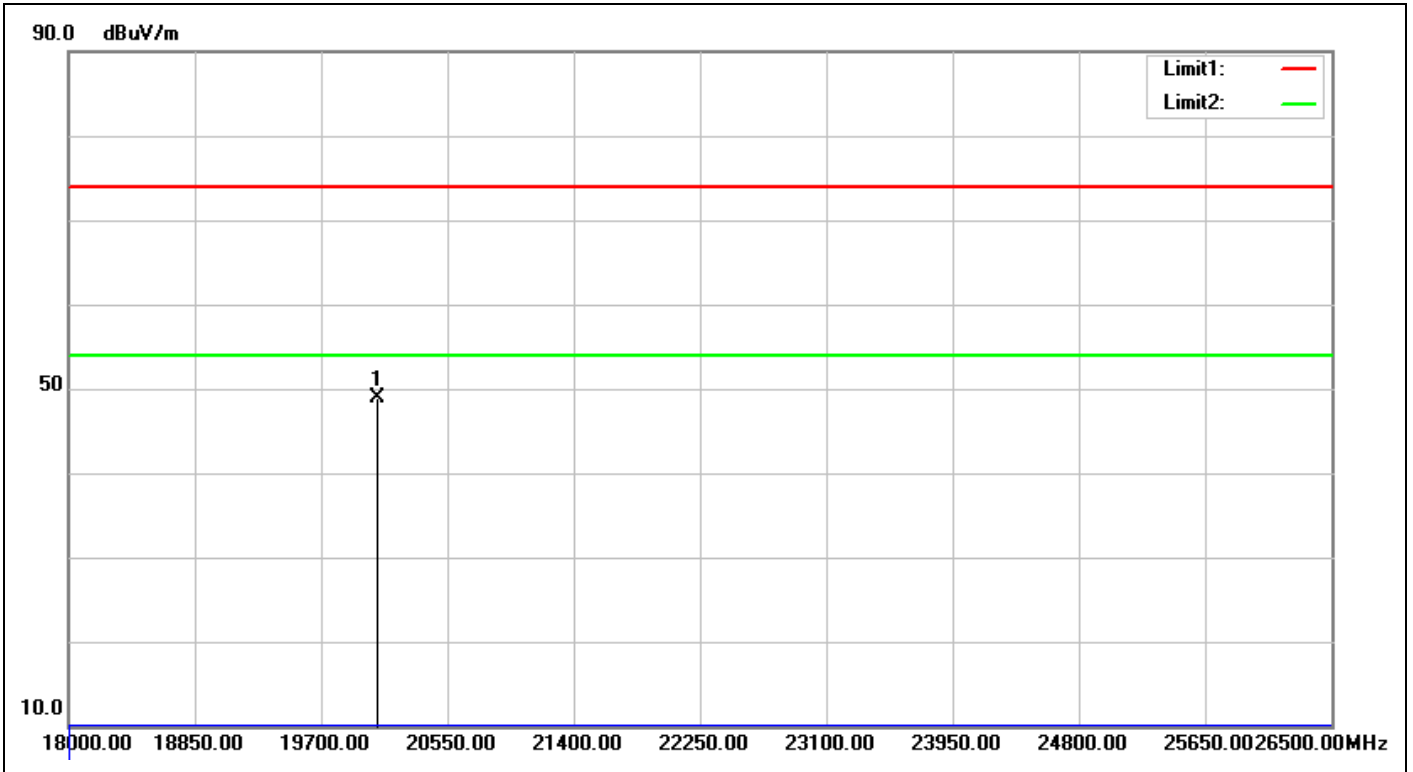
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:56:43
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18765.000	29.20	18.01	47.21	74.00	-26.79	peak			



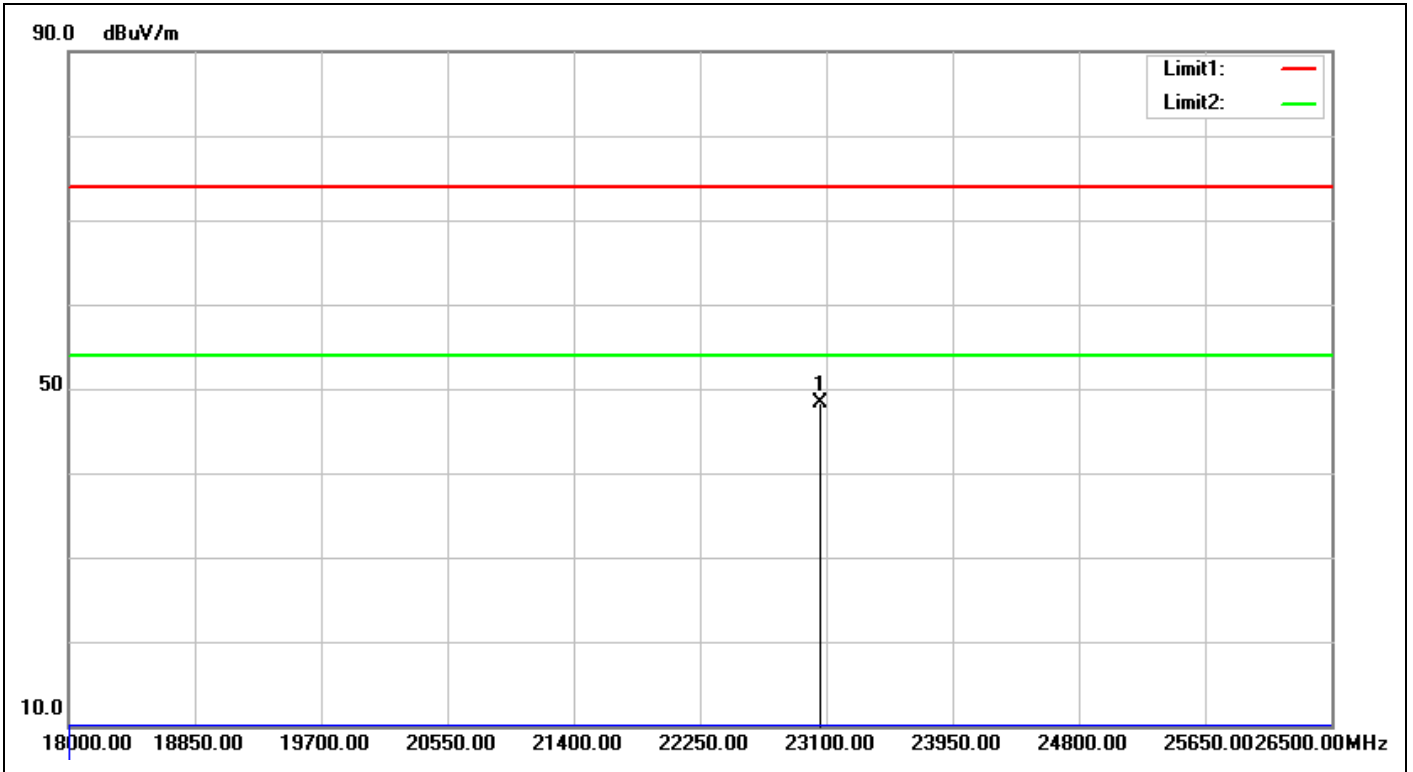
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:03
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19003.000	29.45	19.15	48.60	74.00	-25.40	peak			



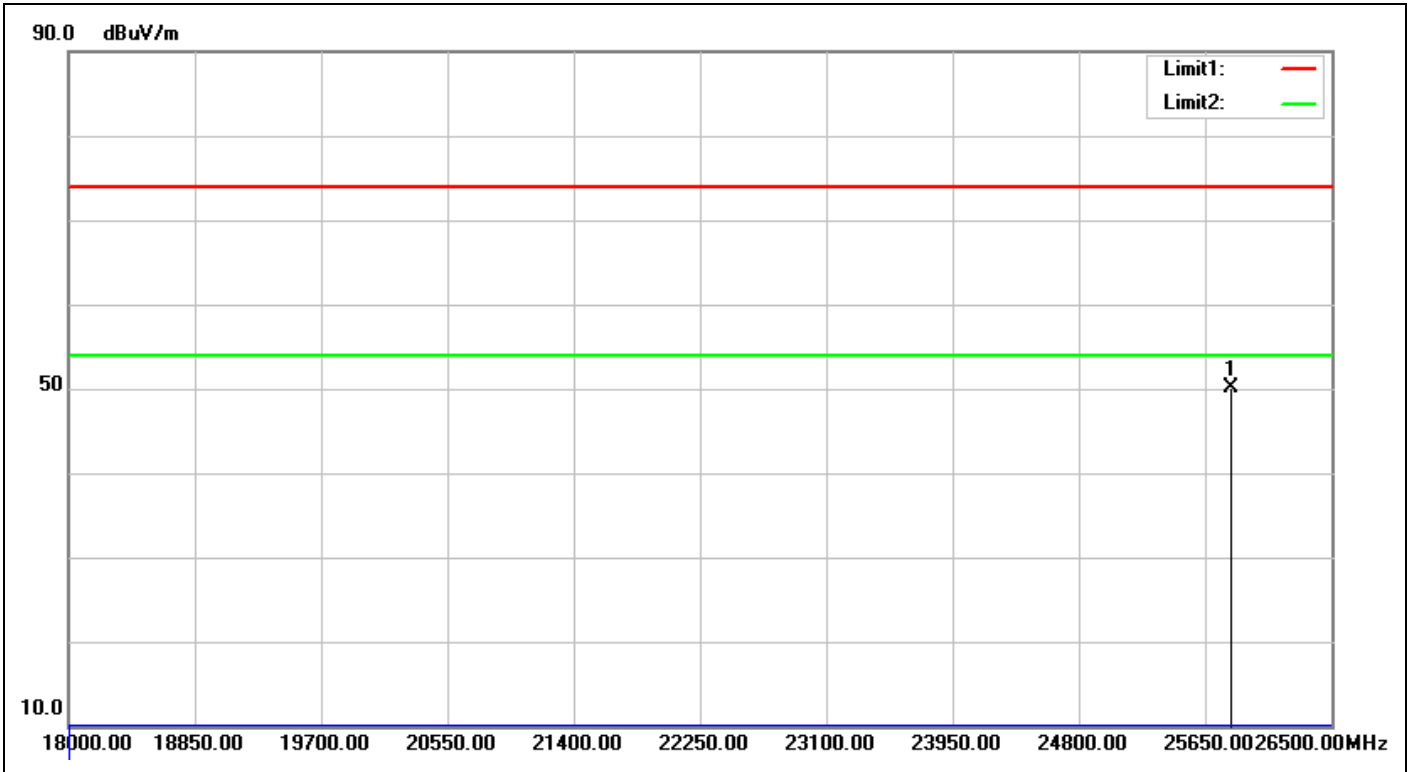
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:09
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20082.500	29.61	19.21	48.82	74.00	-25.18	peak			



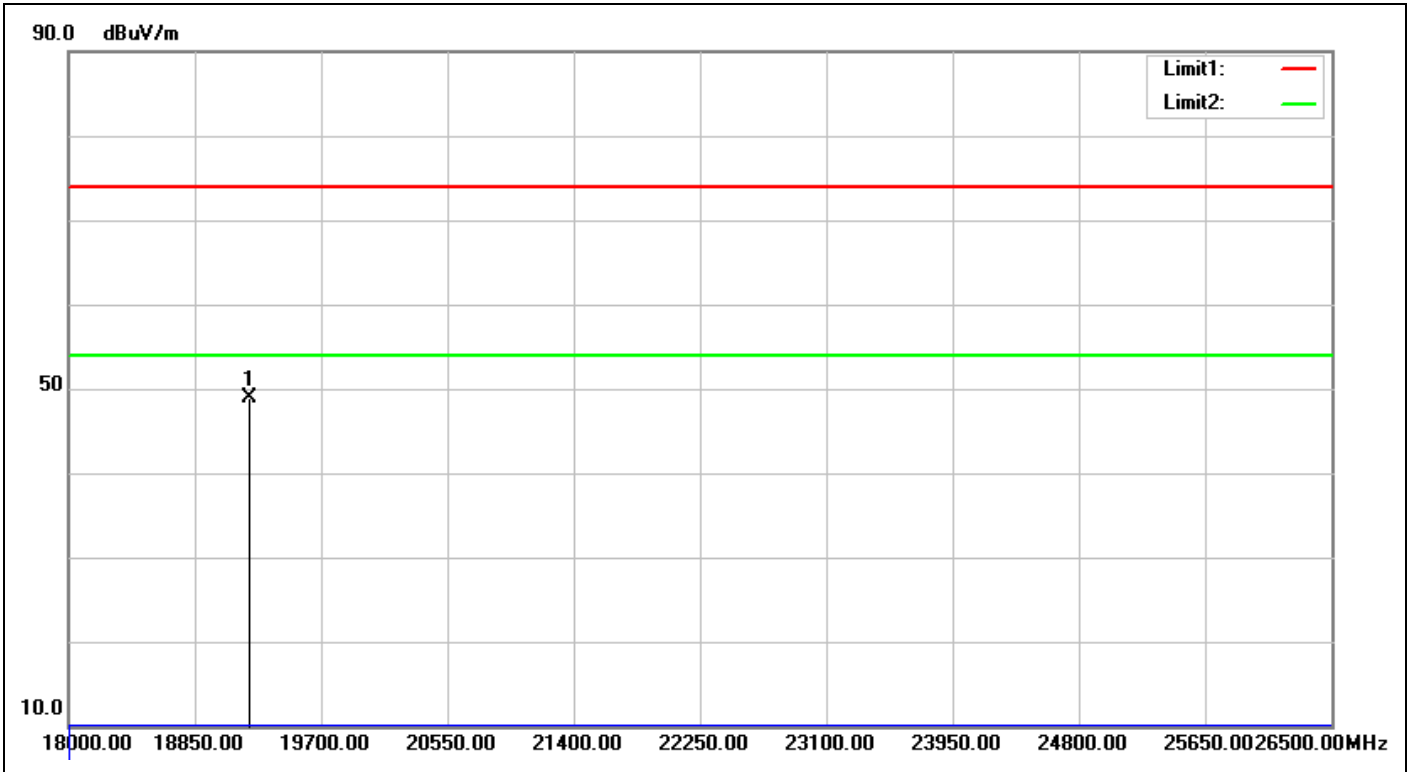
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:24
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23057.500	30.44	17.79	48.23	74.00	-25.77	peak			



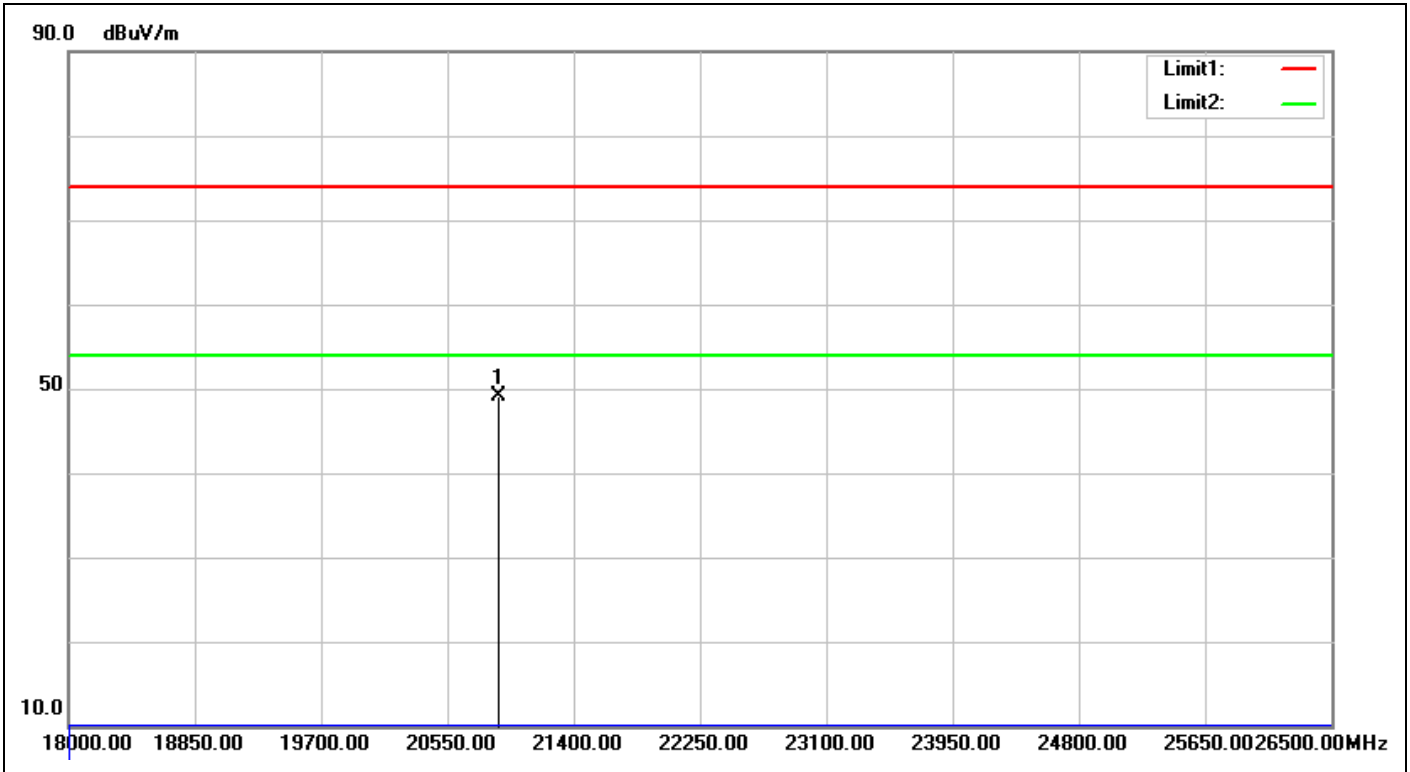
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:31
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25828.500	32.24	17.85	50.09	74.00	-23.91	peak			



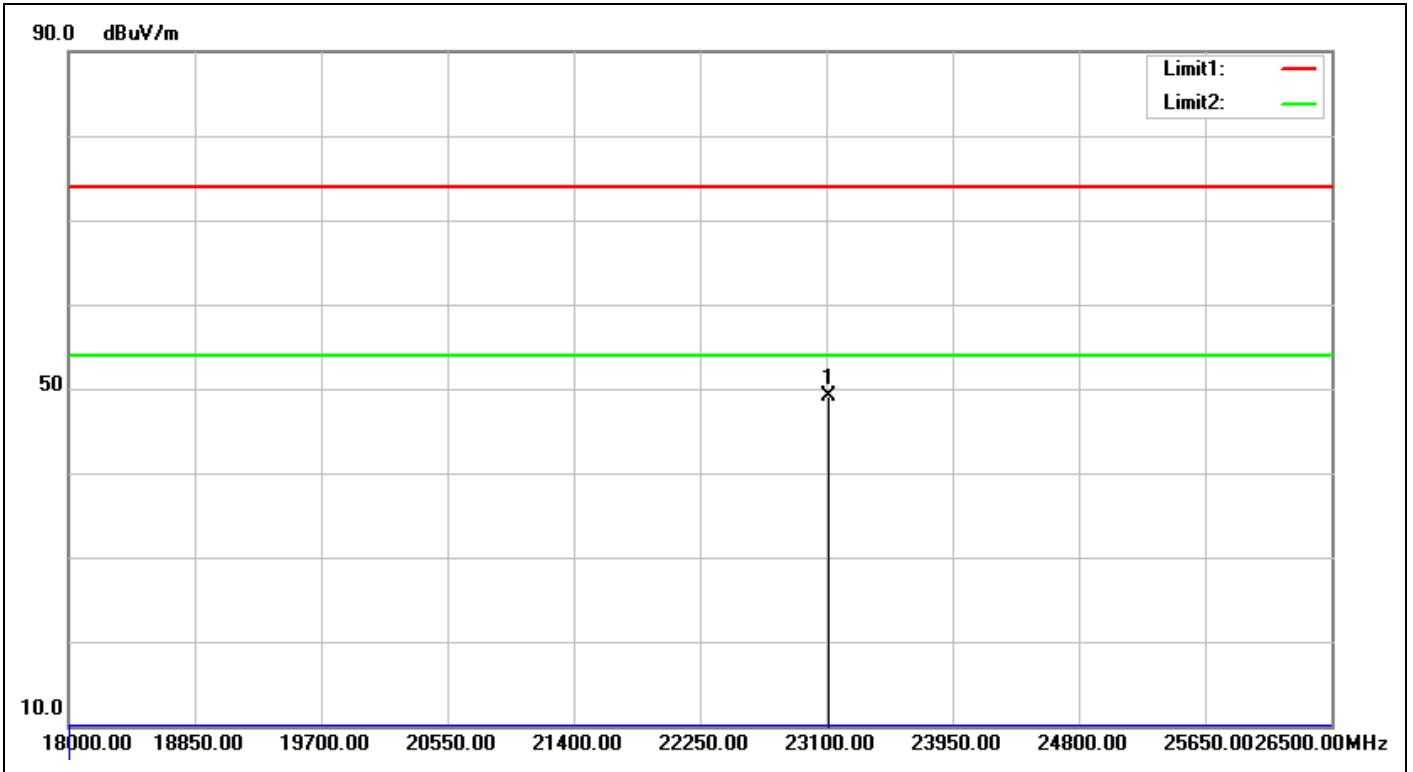
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:45
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19215.500	29.48	19.40	48.88	74.00	-25.12	peak			



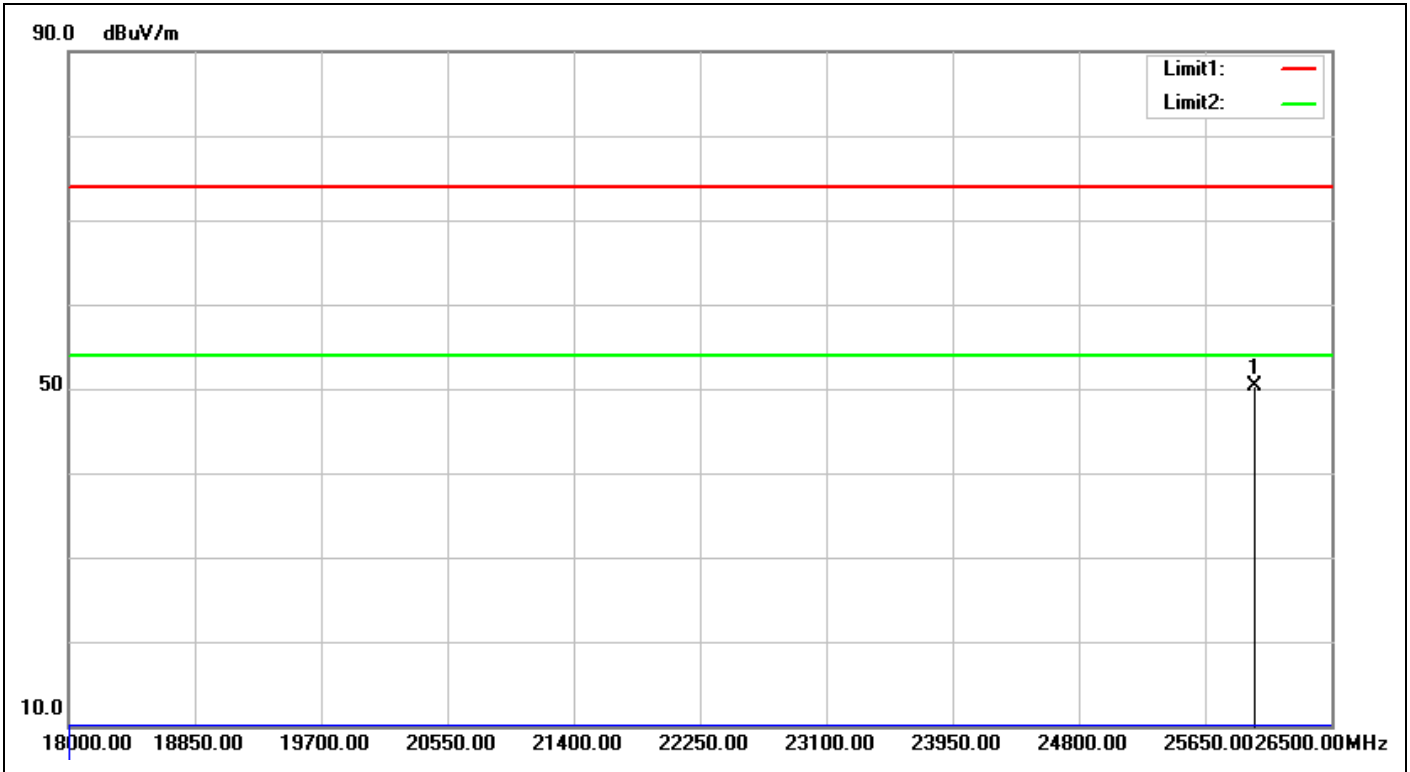
Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:57:53
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20898.500	29.95	19.13	49.08	74.00	-24.92	peak			



Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 20:58:06
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23117.000	30.38	18.78	49.16	74.00	-24.84	peak			



Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 20:58:13
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	3DH5-2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25981.500	32.44	17.94	50.38	74.00	-23.62	peak			

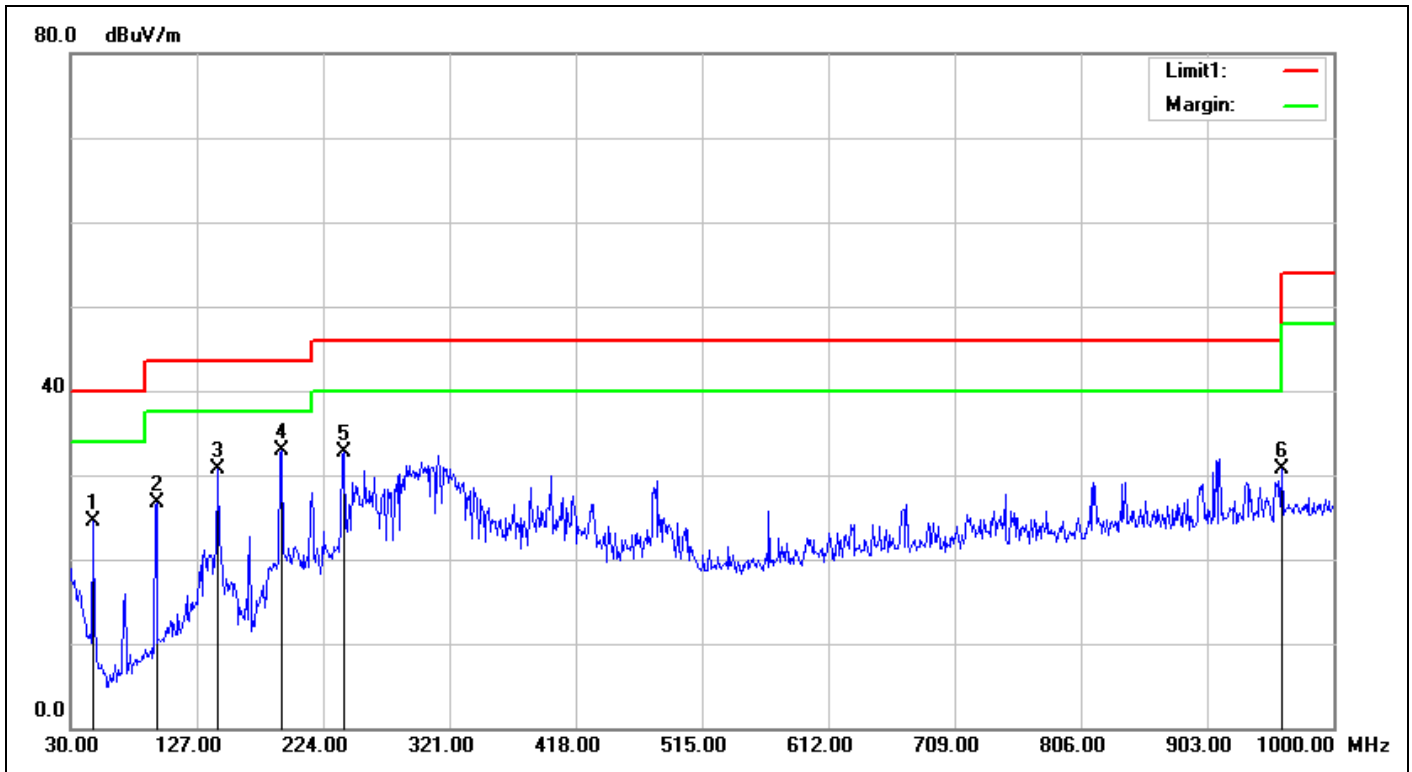
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

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

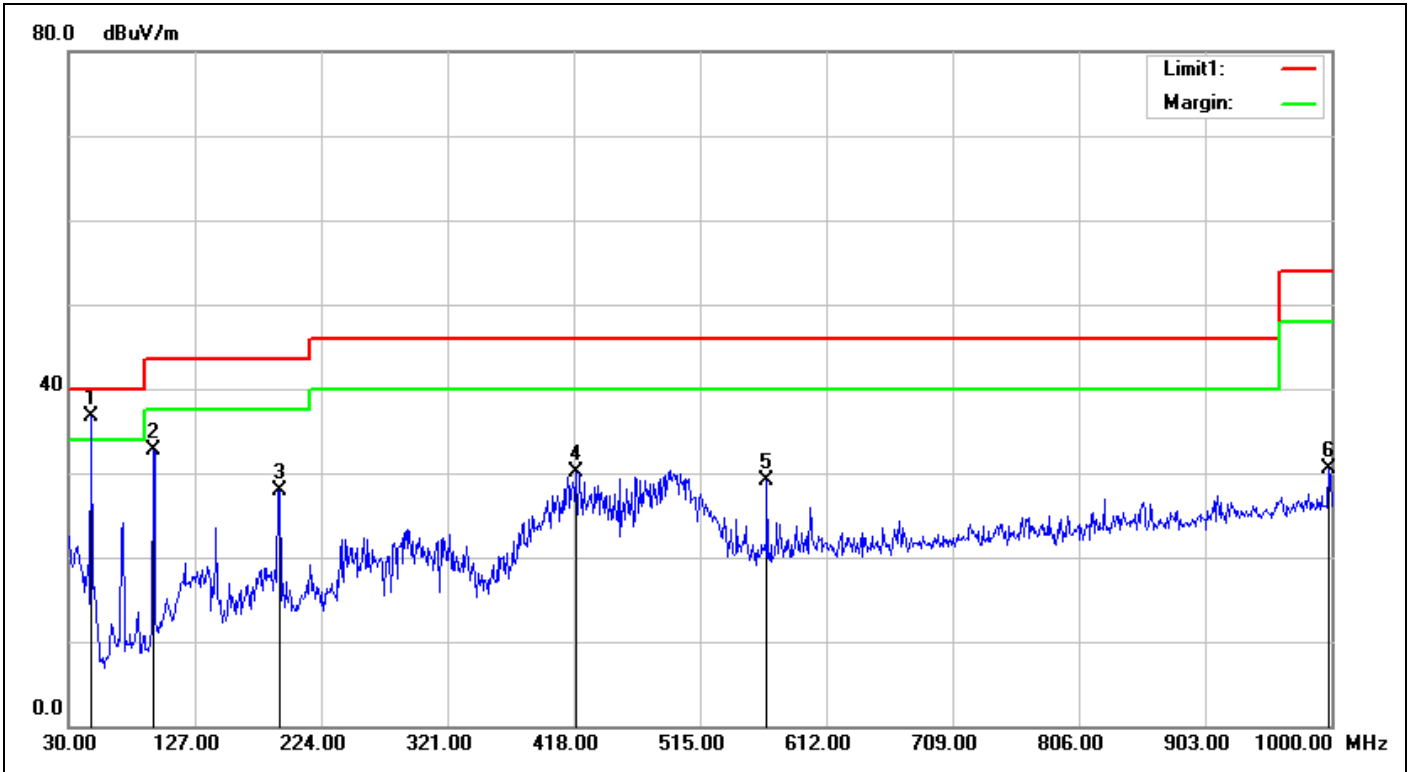
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/3/31 19:57:34
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	47.4600	-15.67	40.09	24.42	40.00	-15.58	QP	100	117	
2	95.9599	-15.47	42.18	26.71	43.50	-16.79	QP	100	160	
3	143.4900	-12.89	43.56	30.67	43.50	-12.83	QP	100	274	
4	191.9900	-15.27	48.21	32.94	43.50	-10.56	QP	100	70	
5	239.5200	-12.76	45.42	32.66	46.00	-13.34	QP	100	258	
6	960.2300	-0.41	31.06	30.65	54.00	-23.35	QP	100	33	

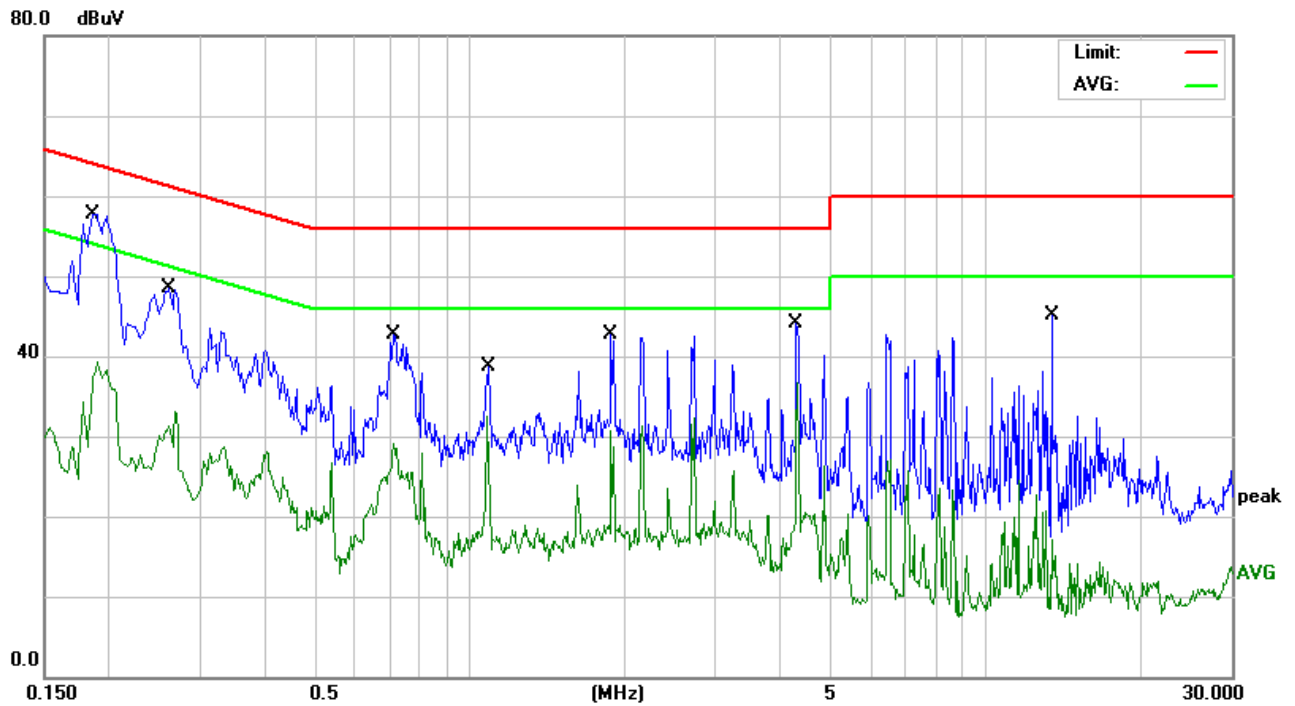
Spurious Emissions, TX Mode, 30M-1G



Service No.:	114048282-FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/3/31 19:58:38
Applicant:	Delta	Test Rating:	DC 3.7V
Product:	Bluetooth Speaker	Temp.(°C)/Hum.(%):	17.2(°C)/63%
Model No.:	VFRU-25-26BT	Test Engineer:	George Yang
Test Mode:	1DH5-2441-TX		
Remark:			

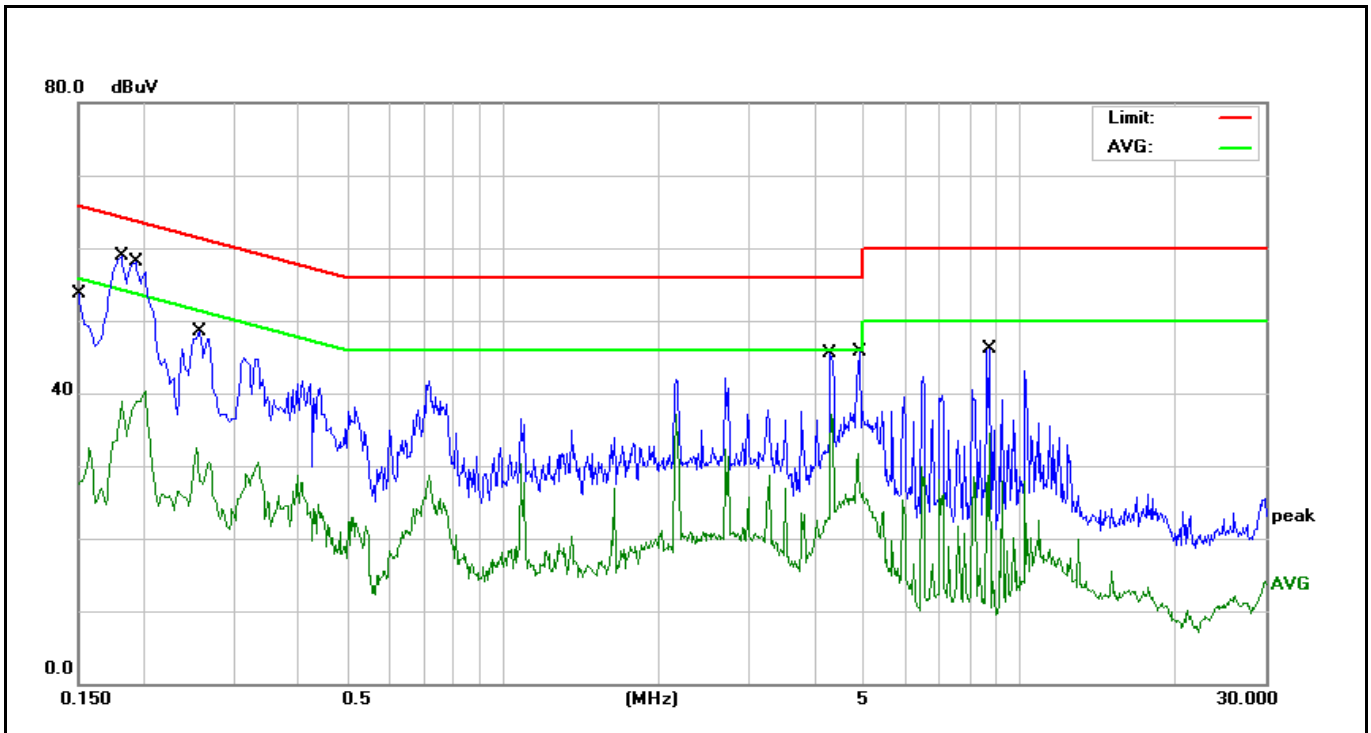
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	47.4600	-15.67	52.36	36.69	40.00	-3.31	QP	100	187	
2	94.9900	-15.64	48.26	32.62	43.50	-10.88	QP	100	213	
3	191.9900	-15.27	43.23	27.96	43.50	-15.54	QP	100	112	
4	419.9400	-8.43	38.56	30.13	46.00	-15.87	QP	100	192	
5	566.4099	-6.66	35.82	29.16	46.00	-16.84	QP	100	165	
6	998.0600	-0.01	30.60	30.59	54.00	-23.41	QP	100	295	

Mains Spurious Emissions



Service No.:	114048282-FCC	Phase:	L1
Test Standard:	FCC Class B Conduction(QP)	Ant. Polarization:	Vertical
Test item:	Conducted Emission	Temp.(°C)/Hum.(%):	20.0(°C) / 50 %
Applicant:	Delta	Power Rating:	AC 120V/60Hz
Product:	Bluetooth Speaker	Test Engineer:	Freeman Wang
Model No.:	VFRU-25-26BT		
Test Mode:	1DH5-2441-TX		
Remark:			

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1860	9.63	44.19	53.82	64.21	-10.39	QP	P	
2	0.1860	9.63	24.42	34.05	54.21	-20.16	AVG	P	
3	0.2620	9.62	34.30	43.92	61.36	-17.44	QP	P	
4	0.2620	9.62	18.52	28.14	51.36	-23.22	AVG	P	
5	0.7140	9.63	28.30	37.93	56.00	-18.07	QP	P	
6	0.7140	9.63	18.56	28.19	46.00	-17.81	AVG	P	
7	1.0900	9.63	25.49	35.12	56.00	-20.88	QP	P	
8	1.0900	9.63	19.47	29.10	46.00	-16.90	AVG	P	
9	1.8860	9.64	20.95	30.59	56.00	-25.41	QP	P	
10	1.8860	9.64	9.78	19.42	46.00	-26.58	AVG	P	
11	4.3100	9.67	22.19	31.86	56.00	-24.14	QP	P	
12	4.3100	9.67	11.41	21.08	46.00	-24.92	AVG	P	
13	13.4500	9.81	8.29	18.10	60.00	-41.90	QP	P	
14	13.4500	9.81	2.19	12.00	50.00	-38.00	AVG	P	



Service No.:	114048282-FCC	Phase:	N
Test Standard:	FCC Class B Conduction(QP)	Ant. Polarization:	Vertical
Test item:	Conducted Emission	Temp.(°C)/Hum.(%):	20.0(°C) / 50 %
Applicant:	Delta	Power Rating:	AC 120V/60Hz
Product:	Bluetooth Speaker	Test Engineer:	Freeman Wang
Model No.:	VFRU-25-26BT		
Test Mode:	1DH5-2441-TX		

Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	9.66	35.99	45.65	65.99	-20.34	QP	P	
2	0.1500	9.66	17.84	27.50	55.99	-28.49	AVG	P	
3	0.1819	9.65	41.14	50.79	64.39	-13.60	QP	P	
4	0.1819	9.65	20.92	30.57	54.39	-23.82	AVG	P	
5	0.1940	9.65	44.04	53.69	63.86	-10.17	QP	P	
6	0.1940	9.65	27.17	36.82	53.86	-17.04	AVG	P	
7	0.2580	9.64	34.52	44.16	61.49	-17.33	QP	P	
8	0.2580	9.64	18.55	28.19	51.49	-23.30	AVG	P	
9	4.3100	9.69	22.56	32.25	56.00	-23.75	QP	P	
10	4.3100	9.69	11.37	21.06	46.00	-24.94	AVG	P	
11	4.9020	9.71	21.69	31.40	56.00	-24.60	QP	P	
12	4.9020	9.71	13.81	23.52	46.00	-22.48	AVG	P	
13	8.7420	9.77	8.42	18.19	60.00	-41.81	QP	P	
14	8.7420	9.77	-0.05	9.72	50.00	-40.28	AVG	P	