

Test Report No.50174013 001

Appendix D: Radiated and Mains Spurious Emission Data

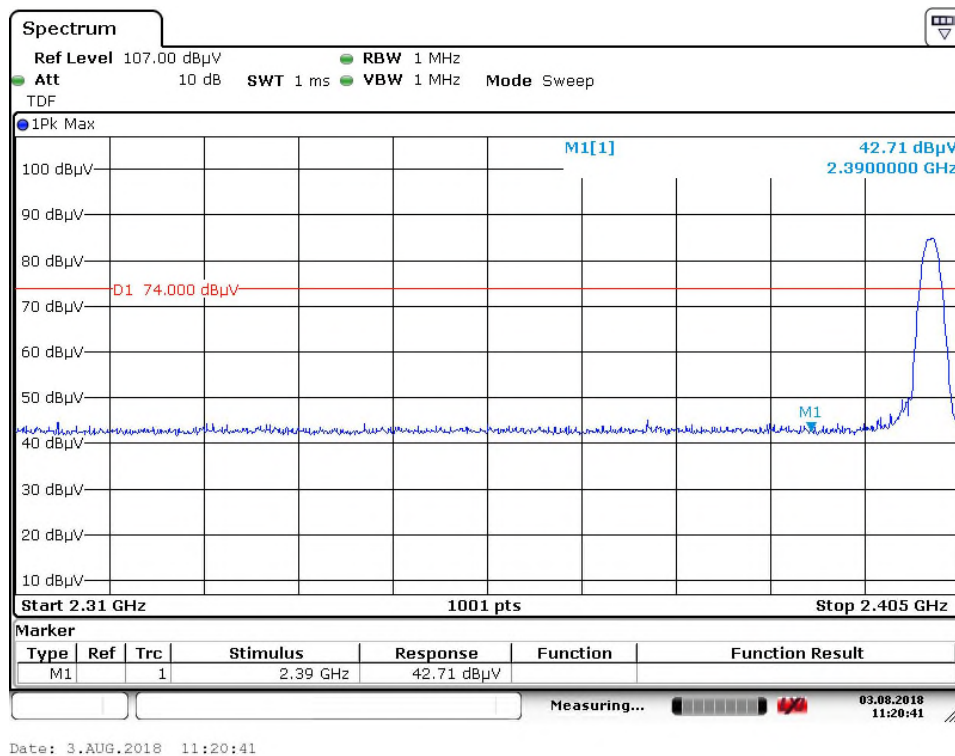
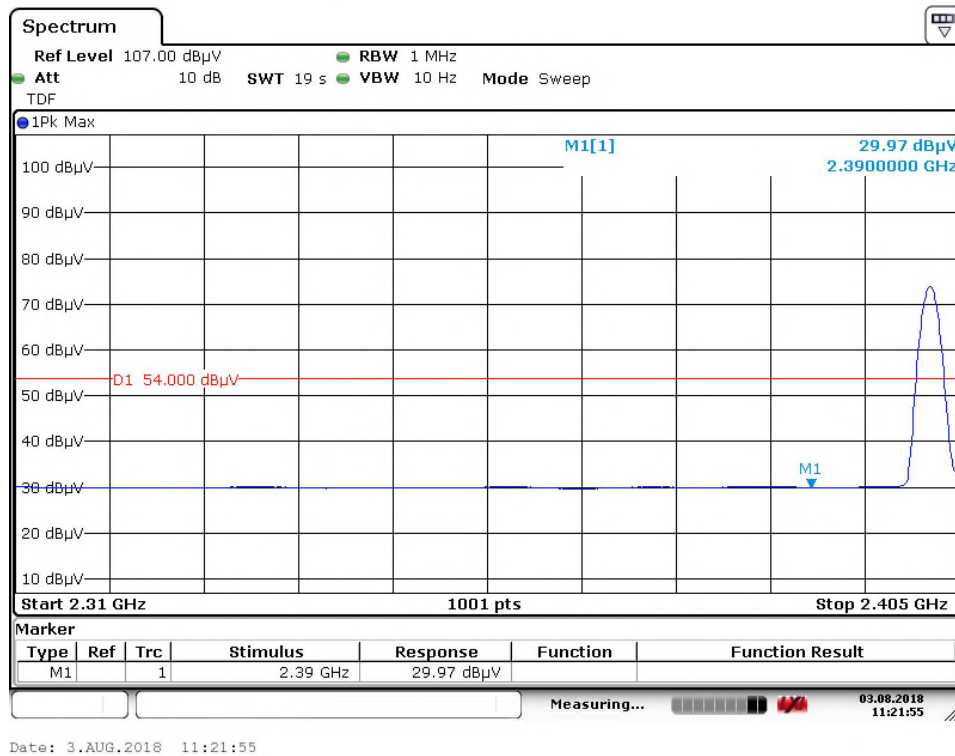
(File: 50174013 001 AppendixD)

Contents

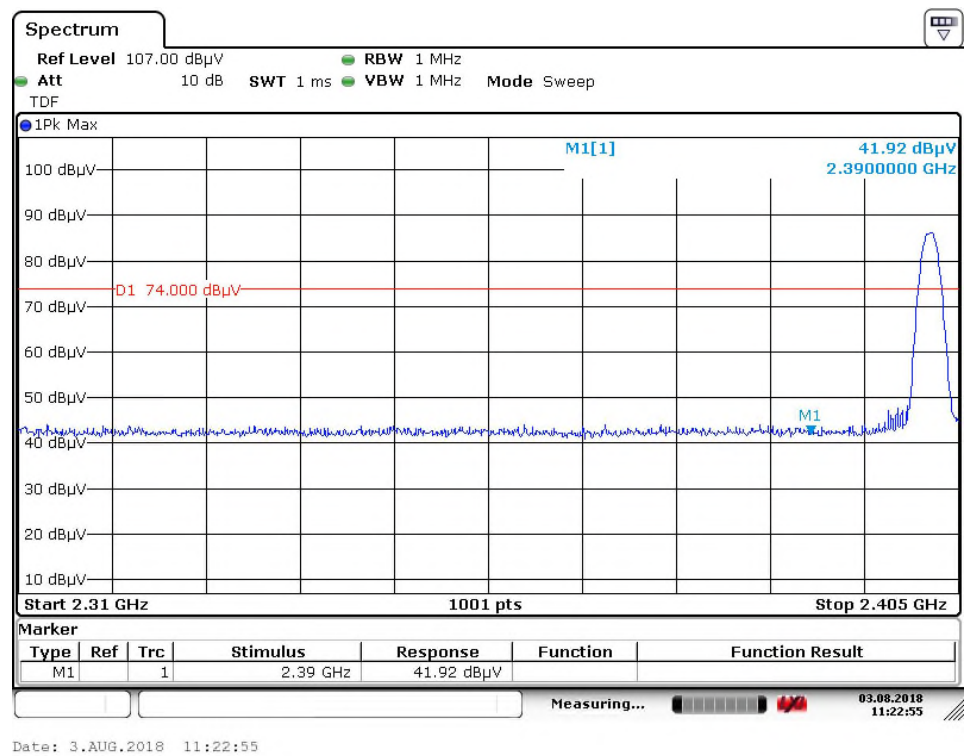
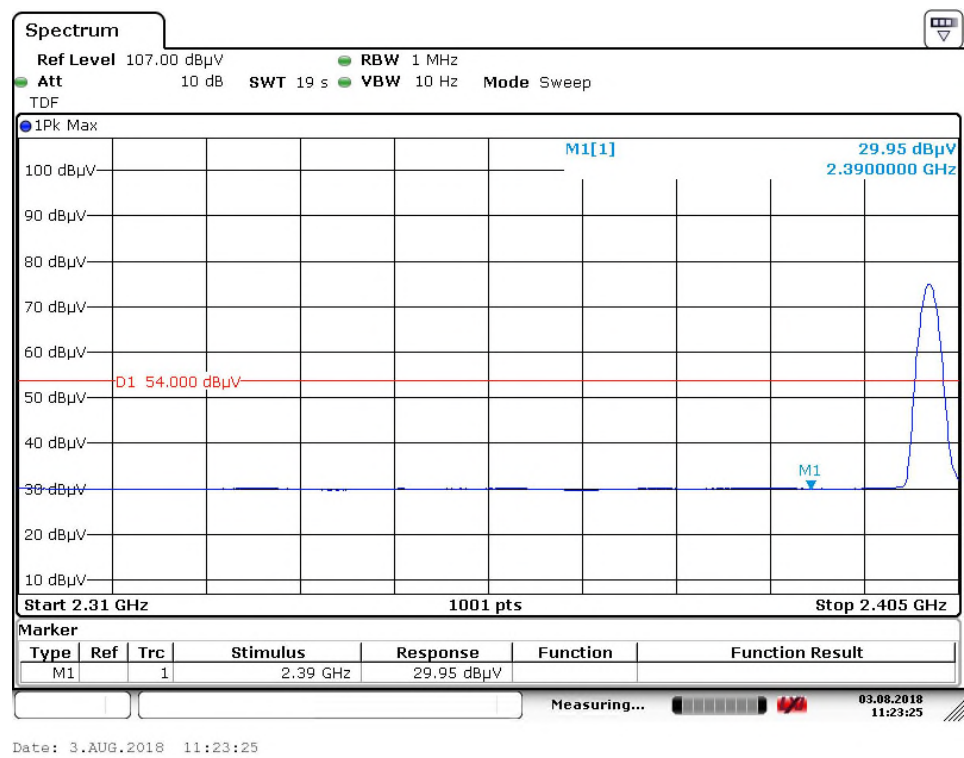
Spurious Emissions, Band Edges, 2.35-2.5G	2
Spurious Emissions, TX Mode, 1-18G.....	10
Spurious Emissions, TX Mode, 18-26G.....	22
Spurious Emissions, TX Mode, 30M-1G	34
Spurious Emissions, TX Mode, 9k-30M	36
Spurious Emissions, RX Mode, 1-18G	38
Spurious Emissions, RX Mode, 18-26G	40
Spurious Emissions, RX Mode, 30M-1G.....	42
Spurious Emissions, RX Mode, 9K-30M.....	44

Radiated Bandedge 1DH5

Low Channel (Hor)

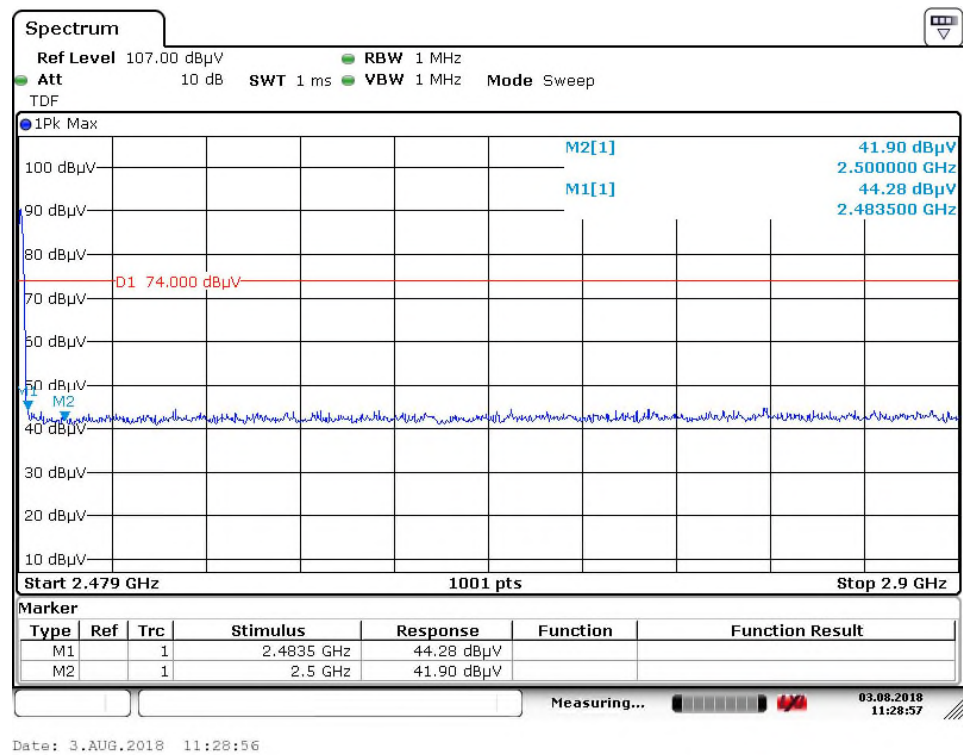
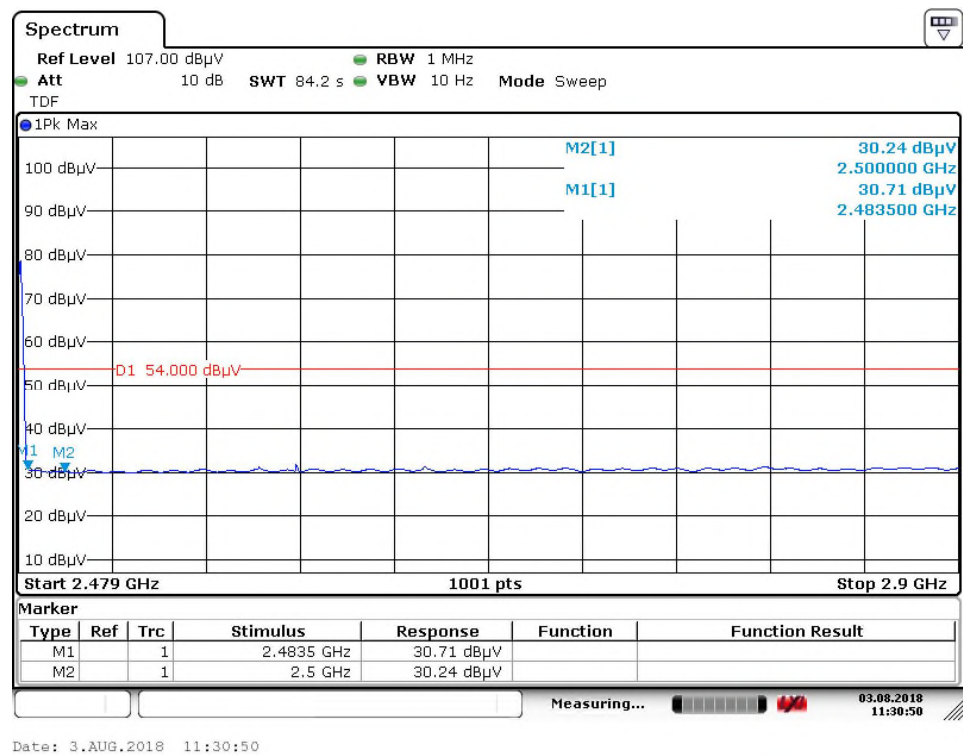


Low Channel (Ver)

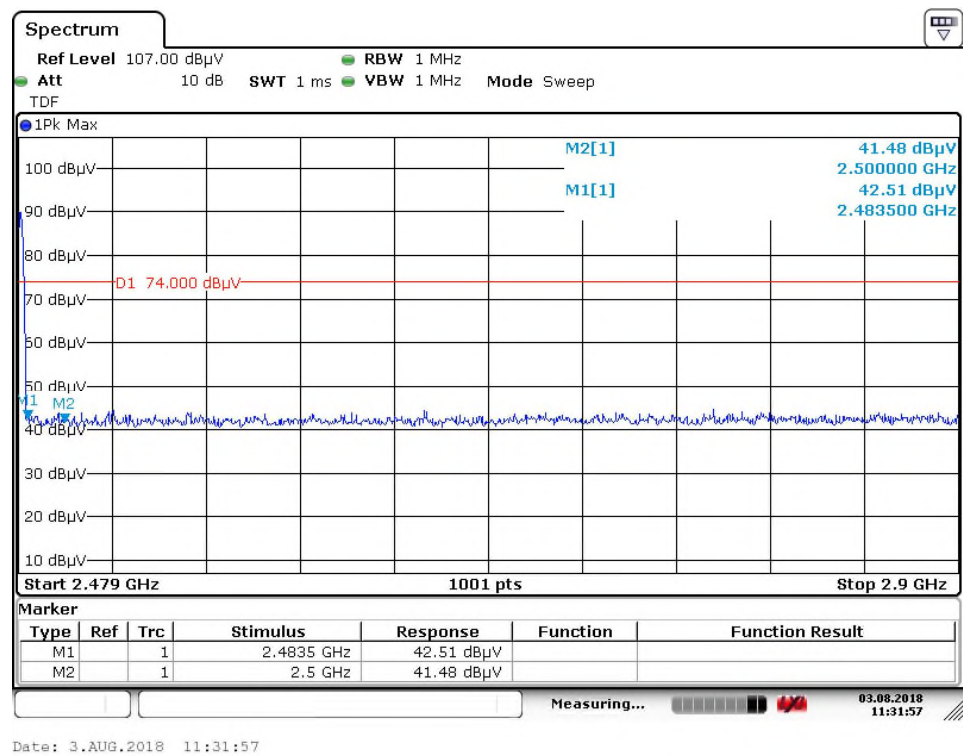
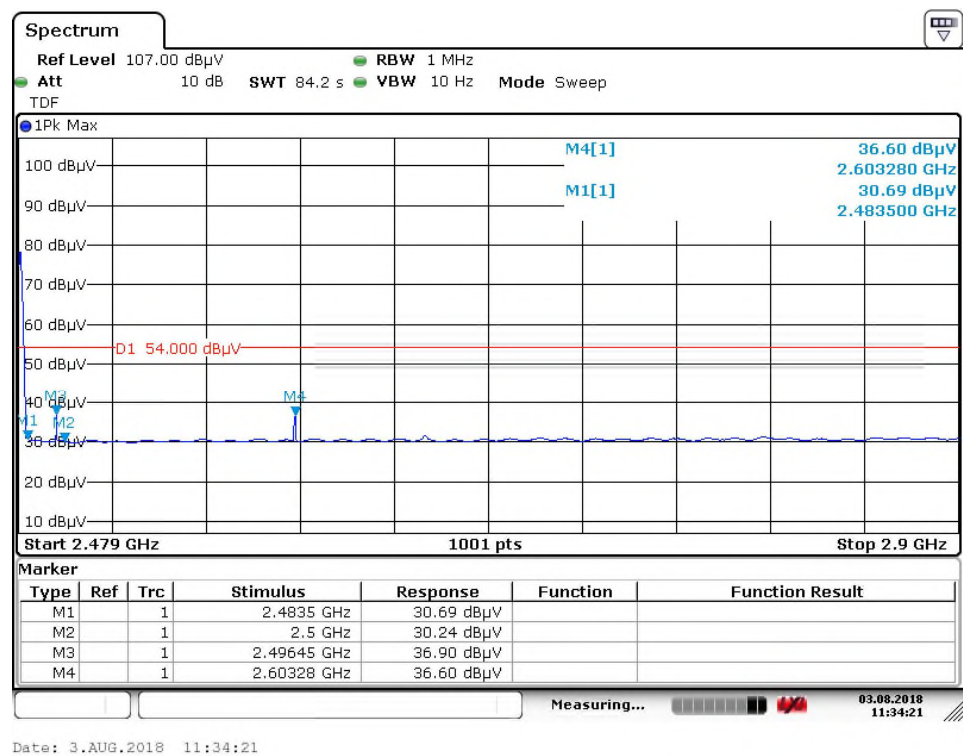


Radiated Bandedge 1DH5

High Channel (Hor)

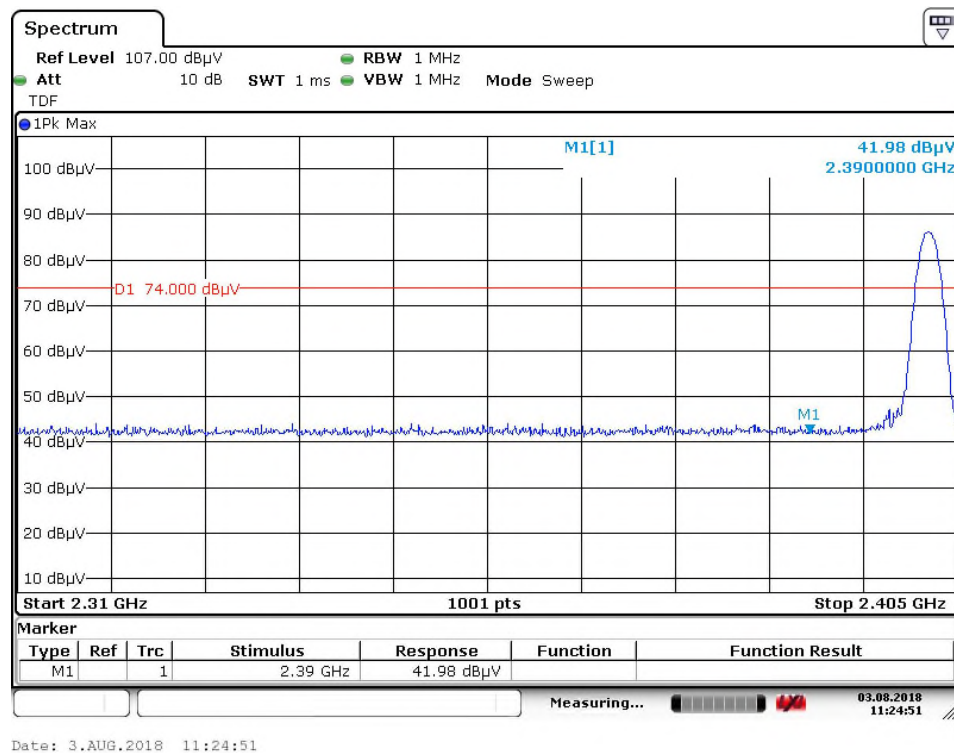
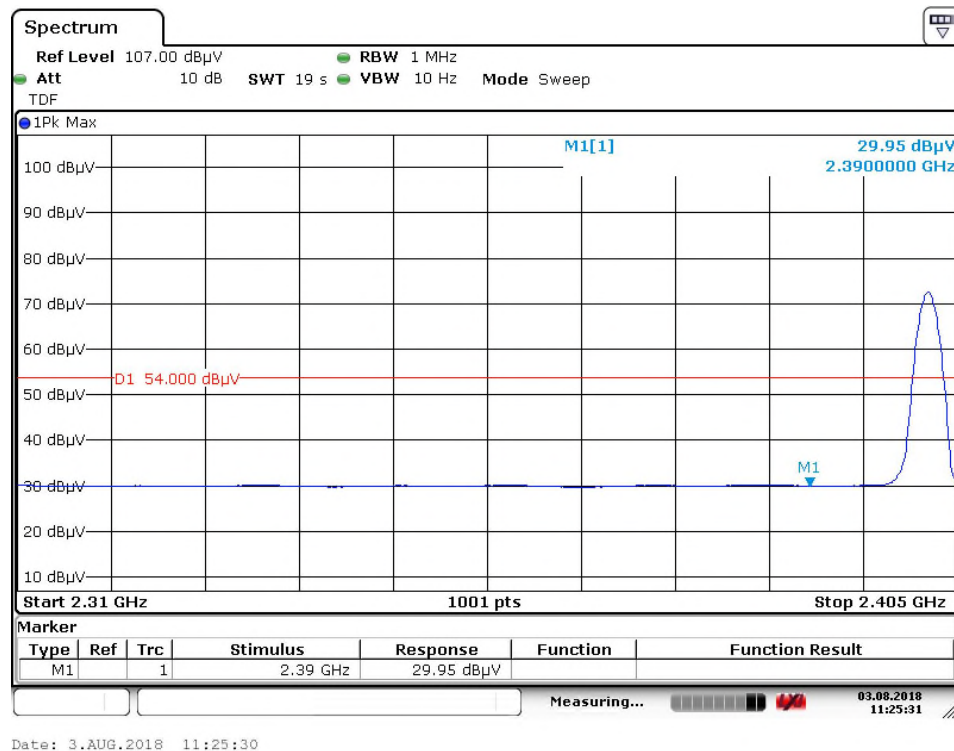


High Channel (Ver)

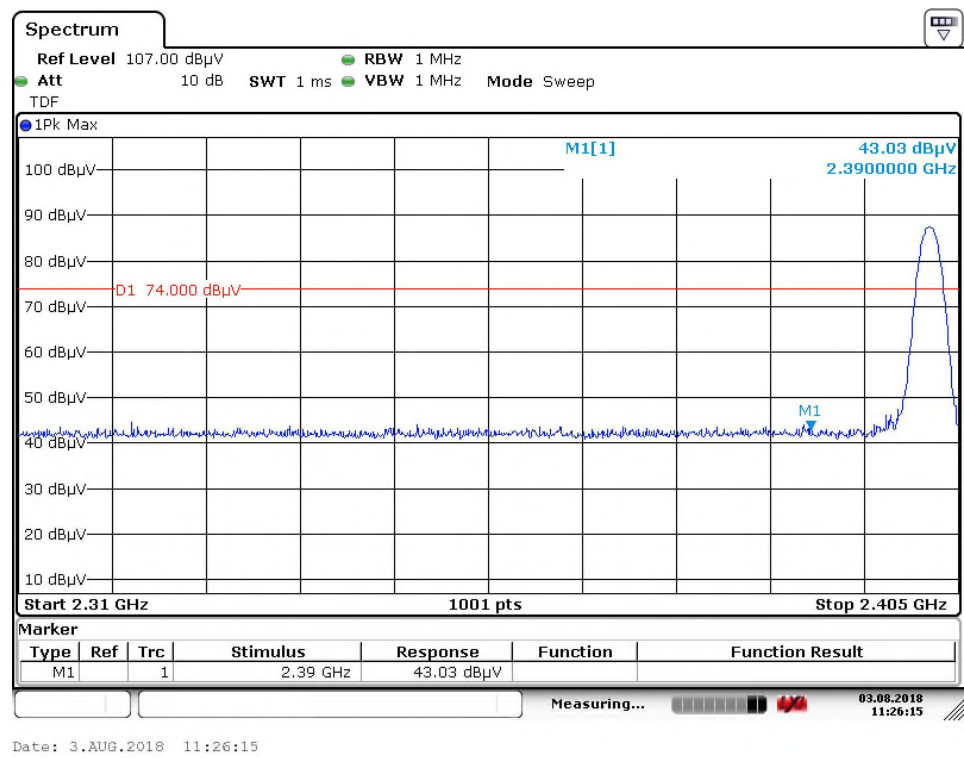
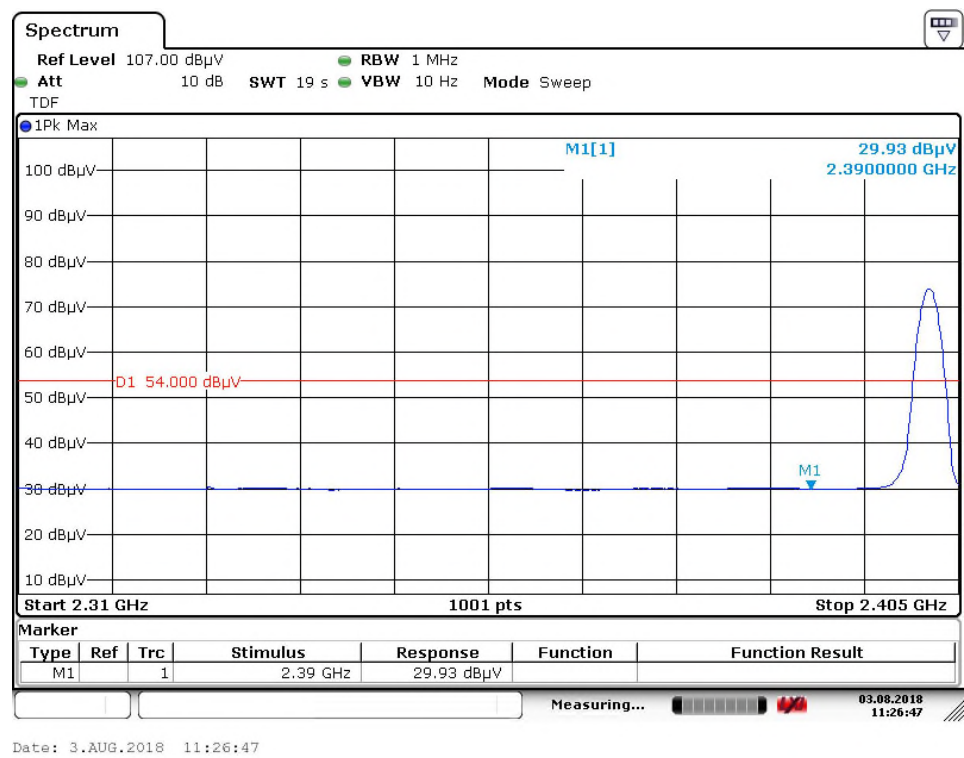


Radiated Bandedge 3DH5

Low Channel (Hor)

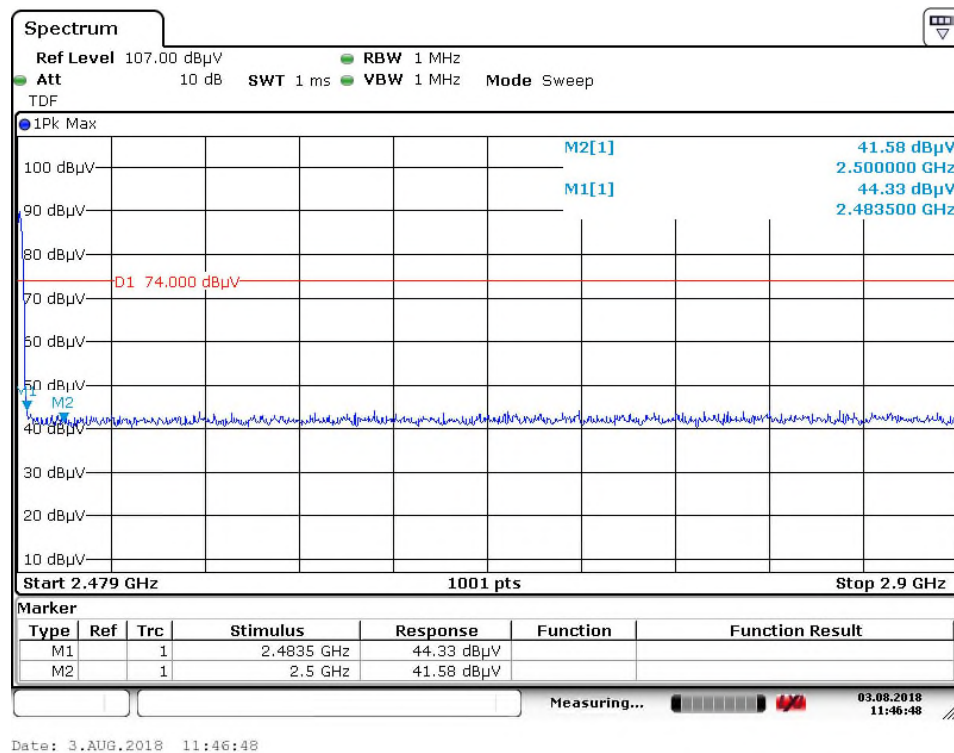
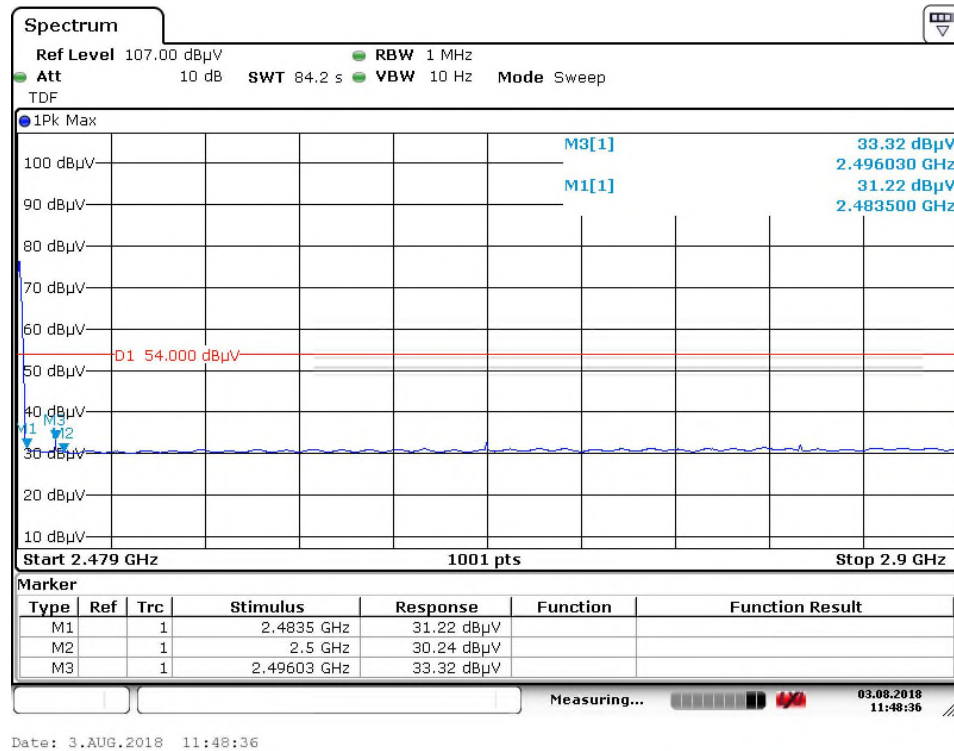


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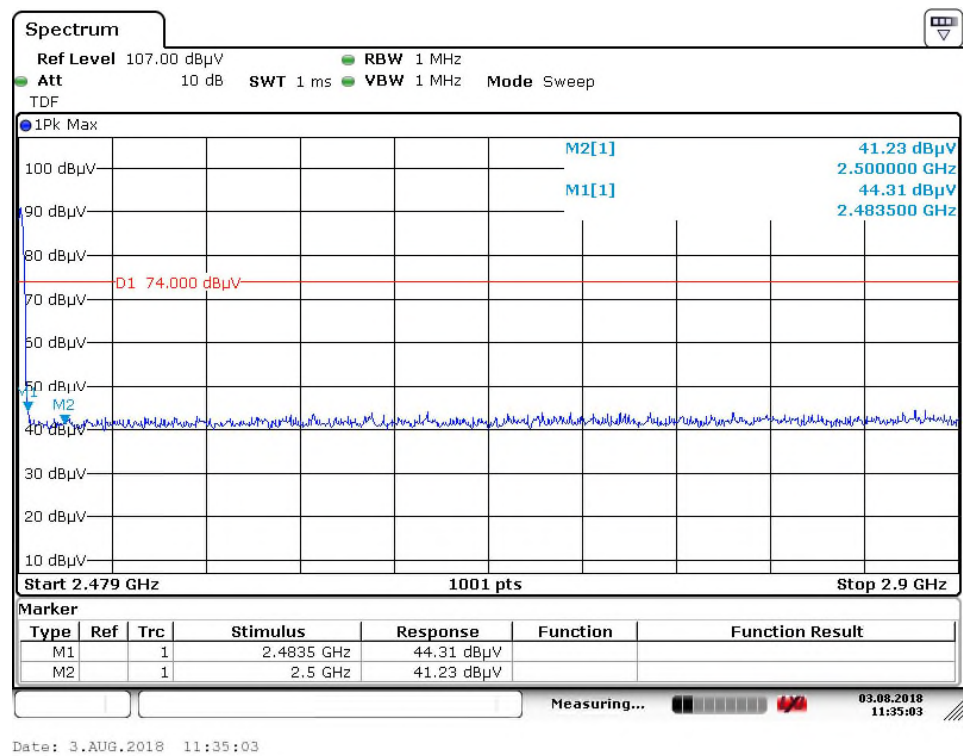
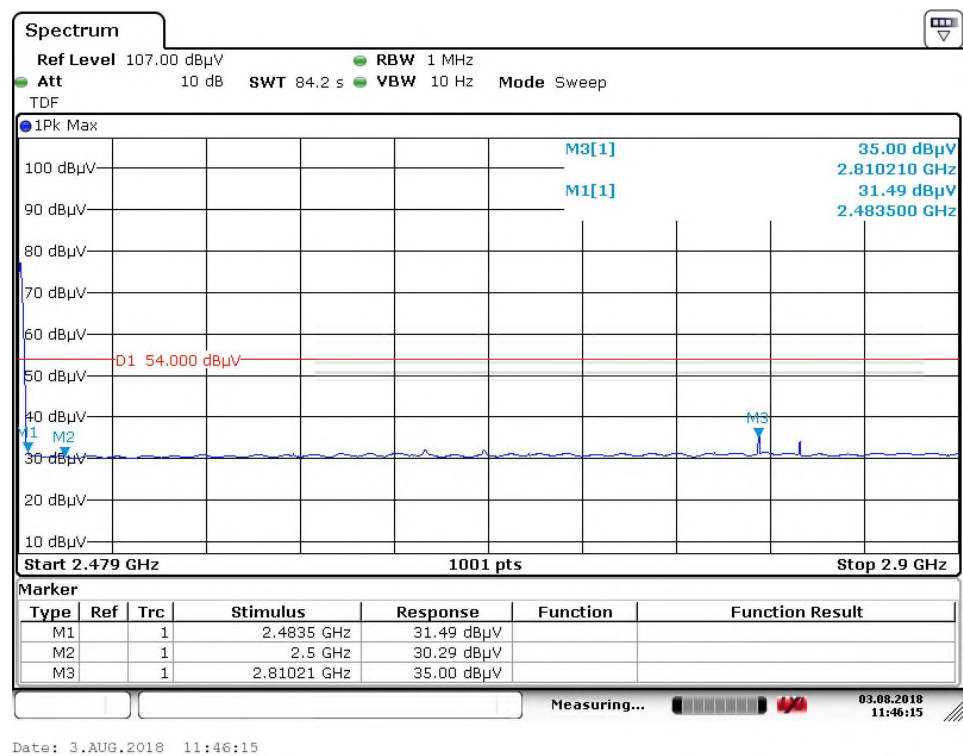


Radiated Bandedge 3DH5

High Channel (Hor)



High Channel (Ver)



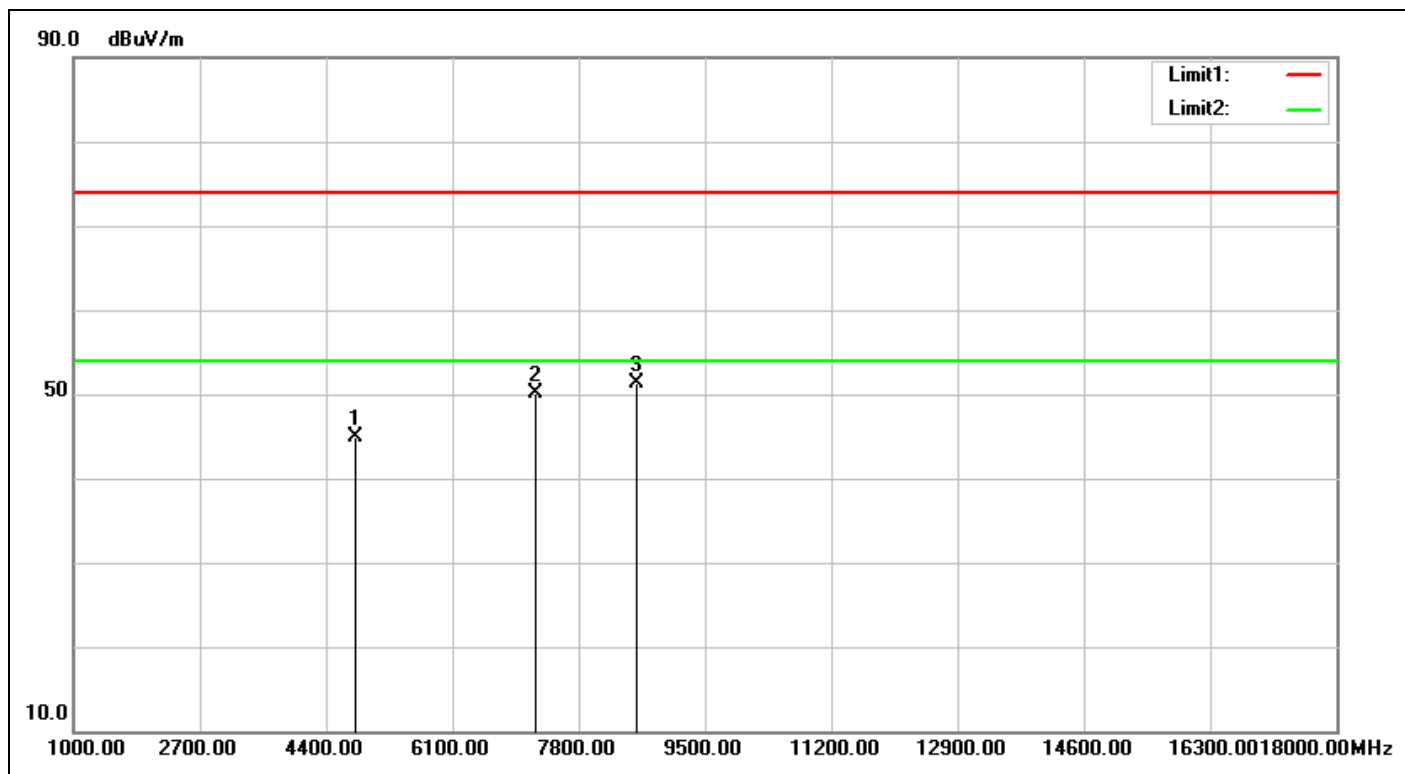
Spurious Emissions, TX Mode, 1-18G



TUV Rheinland Taiwan Ltd.

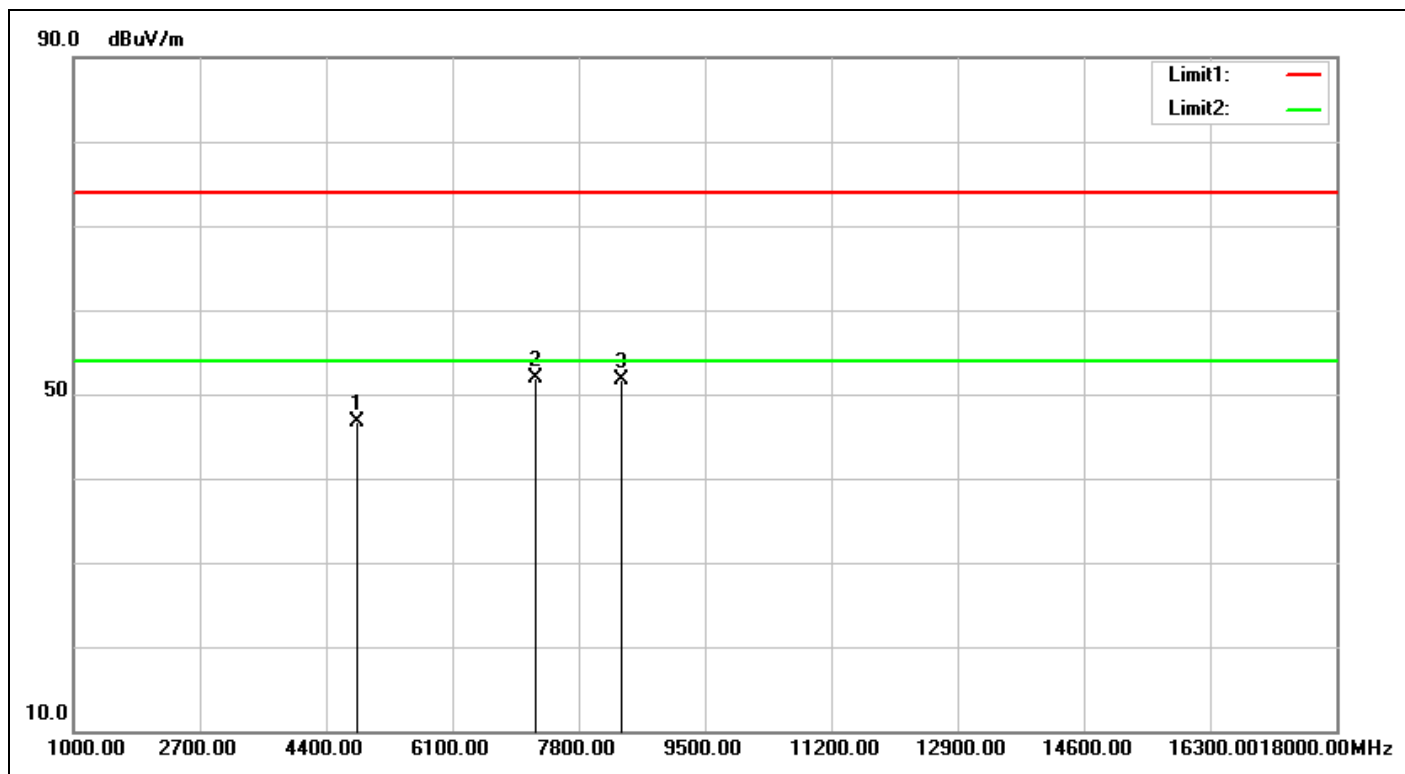
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



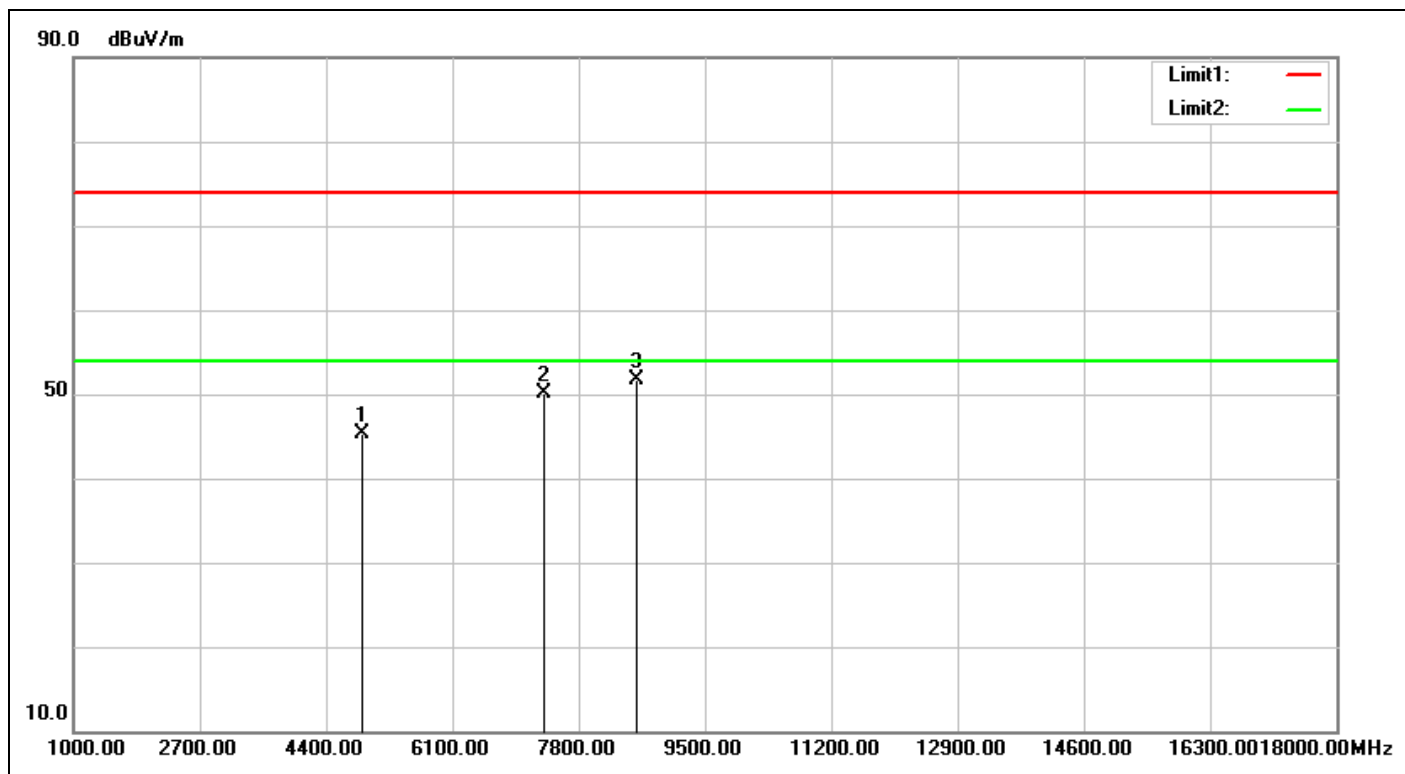
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 11:42:36
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.65	47.54	44.89	74.00	-29.11	peak		0	
2	7206.000	5.26	44.82	50.08	74.00	-23.92	peak		0	
3	8582.000	6.52	44.88	51.40	74.00	-22.60	peak	100	193	



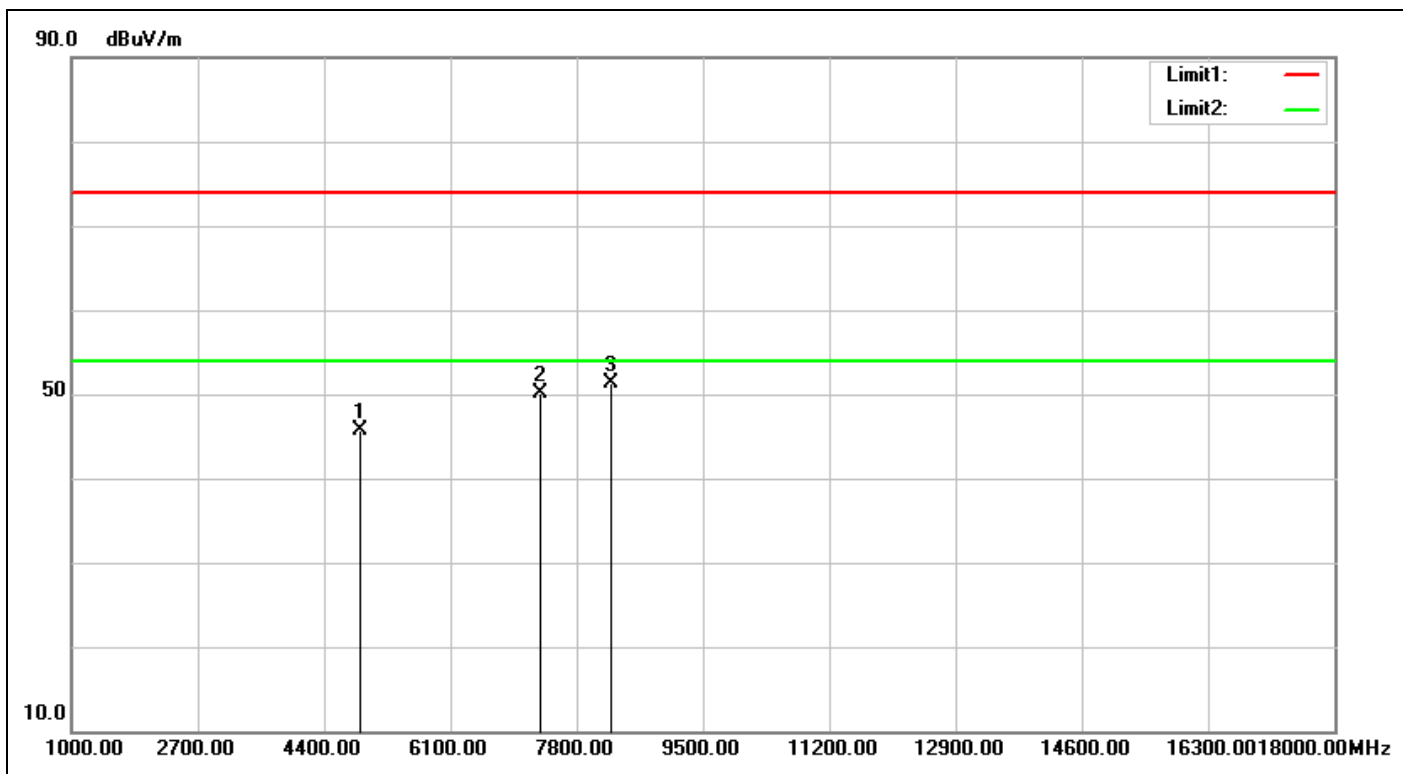
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 11:43:28
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.65	49.31	46.66	74.00	-27.34	peak			
2	7206.000	5.26	46.74	52.00	74.00	-22.00	peak			
3	8378.000	6.34	45.45	51.79	74.00	-22.21	peak	100	298	



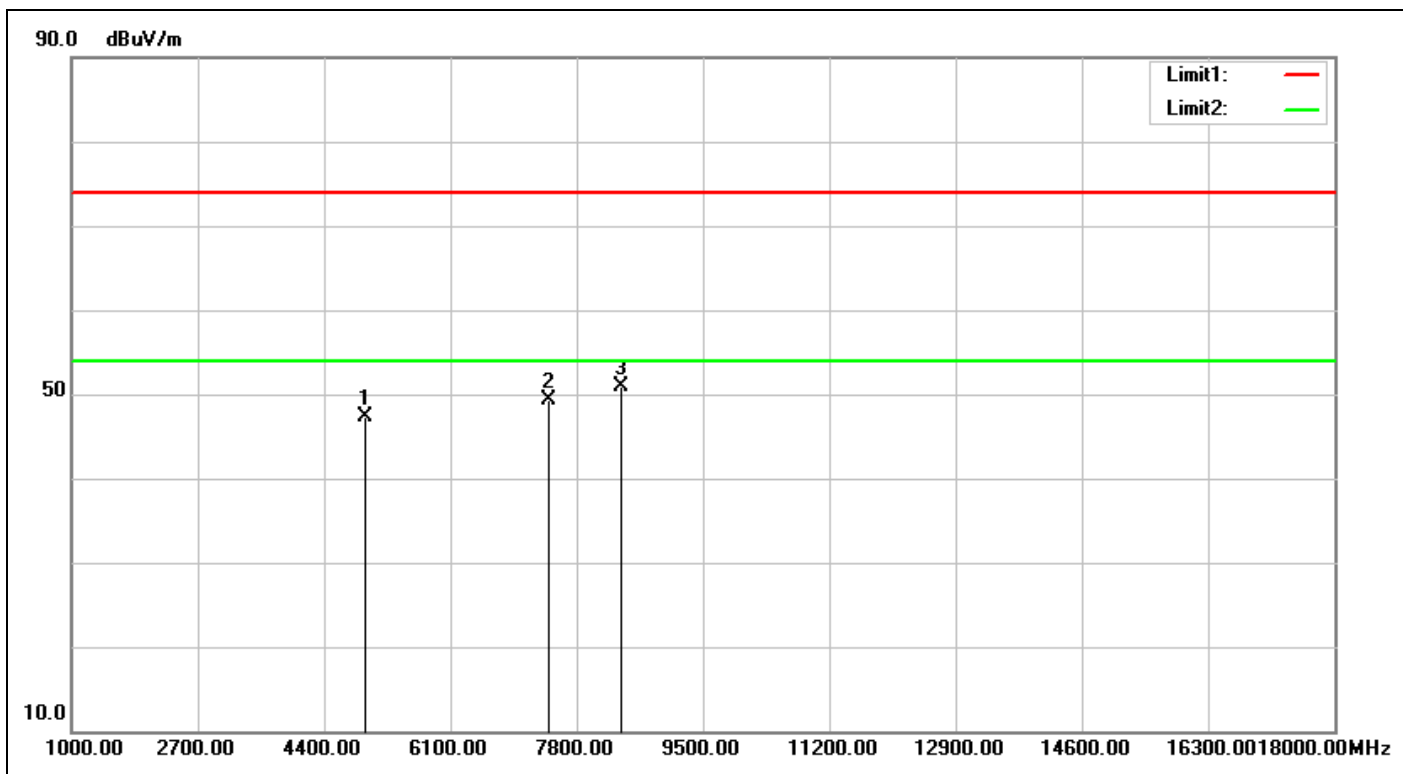
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 11:45:15
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.44	47.67	45.23	74.00	-28.77	peak			
2	7323.000	5.52	44.59	50.11	74.00	-23.89	peak			
3	8582.000	6.52	45.19	51.71	74.00	-22.29	peak	100	360	



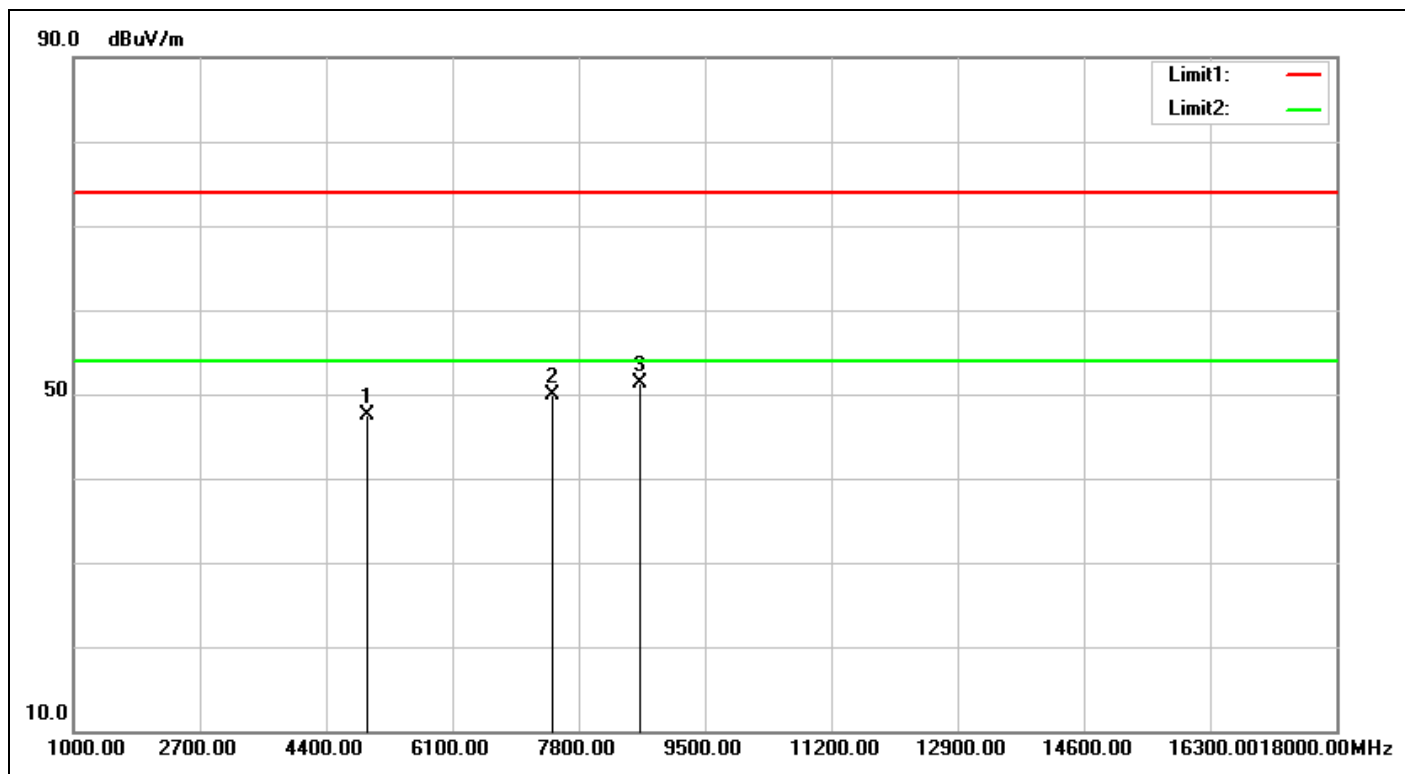
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 11:46:07
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.44	48.06	45.62	74.00	-28.38	peak			
2	7323.000	5.52	44.58	50.10	74.00	-23.90	peak			
3	8259.000	6.15	45.10	51.25	74.00	-22.75	peak	100	270	



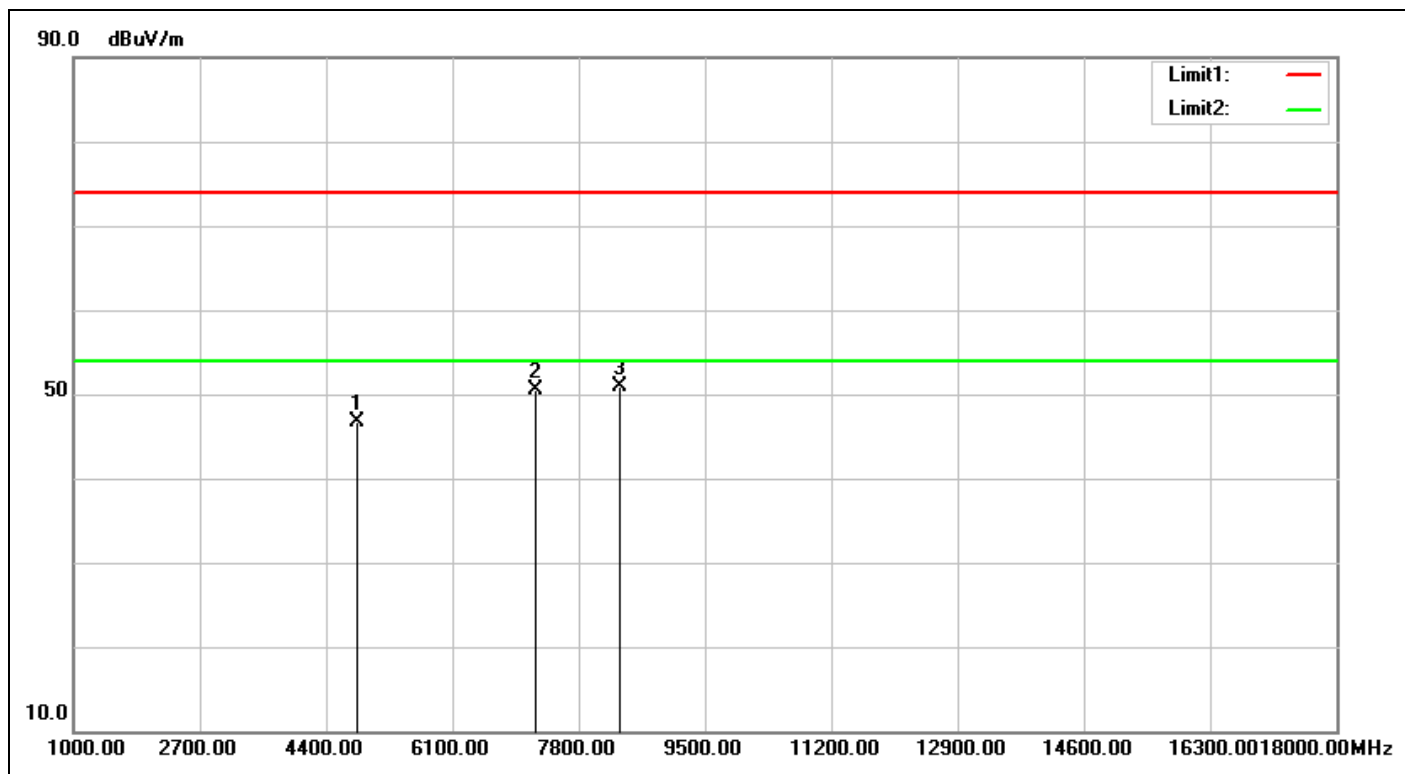
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 11:47:49
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.22	49.55	47.33	74.00	-26.67	peak			
2	7440.000	5.79	43.42	49.21	74.00	-24.79	peak			
3	8395.000	6.35	44.53	50.88	74.00	-23.12	peak	100	313	



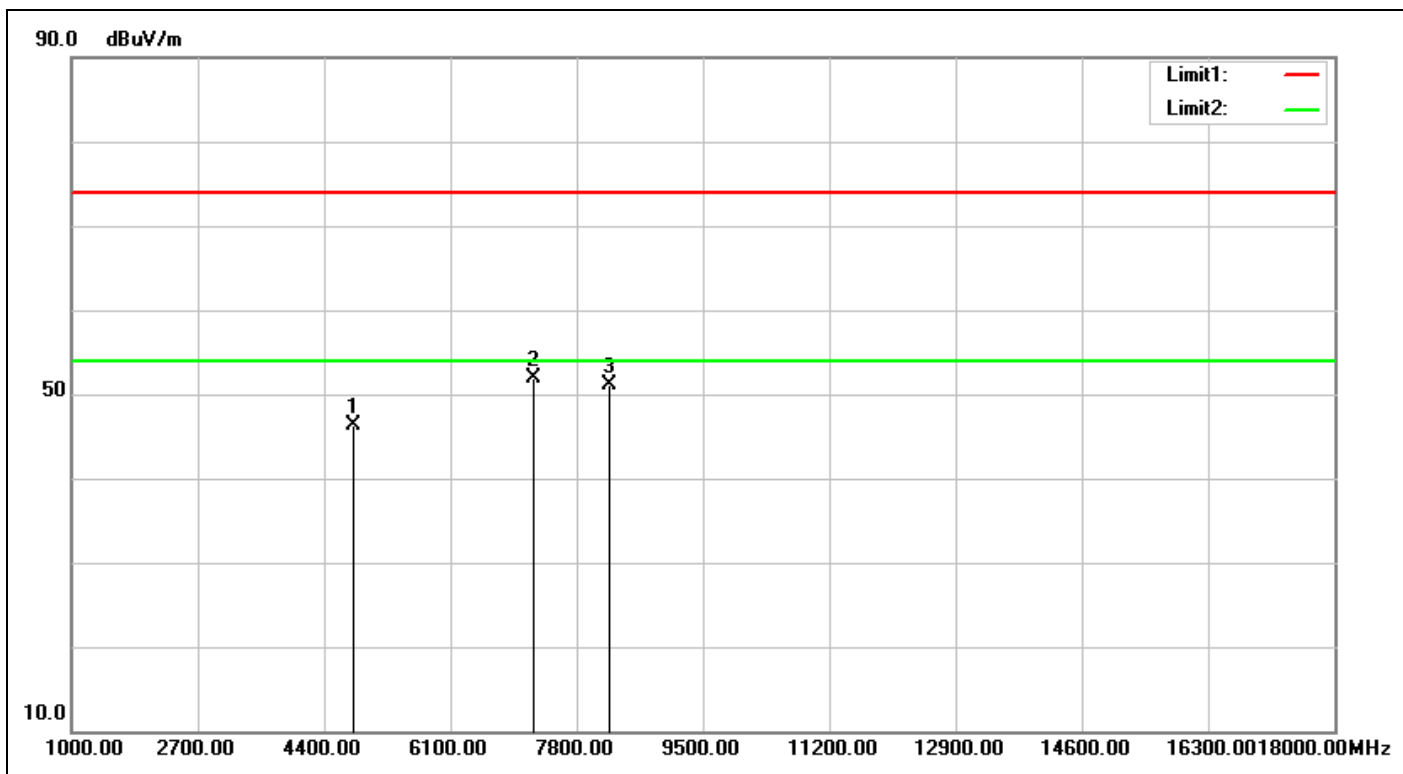
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 11:48:41
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.22	49.73	47.51	74.00	-26.49	peak			
2	7440.000	5.79	44.17	49.96	74.00	-24.04	peak			
3	8633.000	6.52	44.77	51.29	74.00	-22.71	peak	100	4	



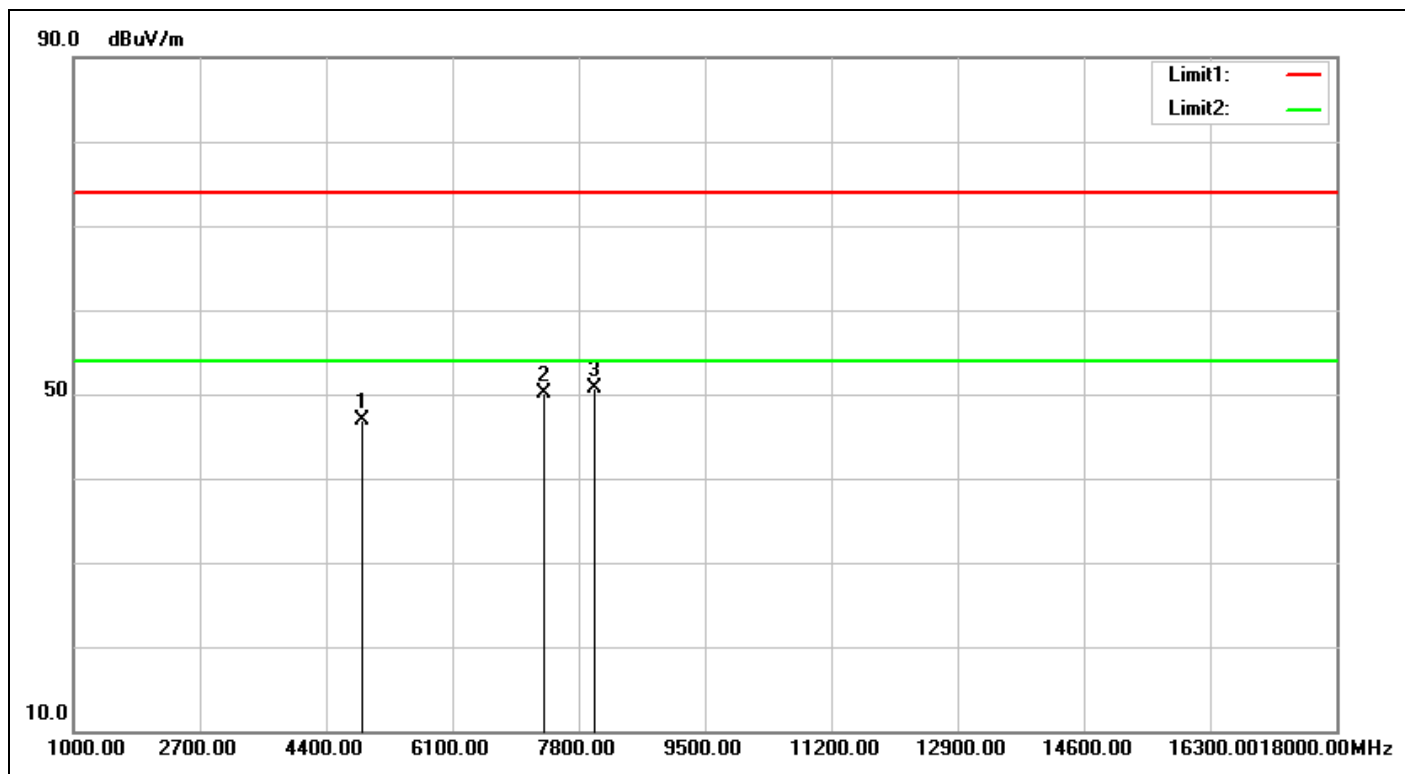
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:18:54
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.65	49.34	46.69	74.00	-27.31	peak			
2	7206.000	5.26	45.18	50.44	74.00	-23.56	peak			
3	8344.000	6.28	44.70	50.98	74.00	-23.02	peak	100	29	



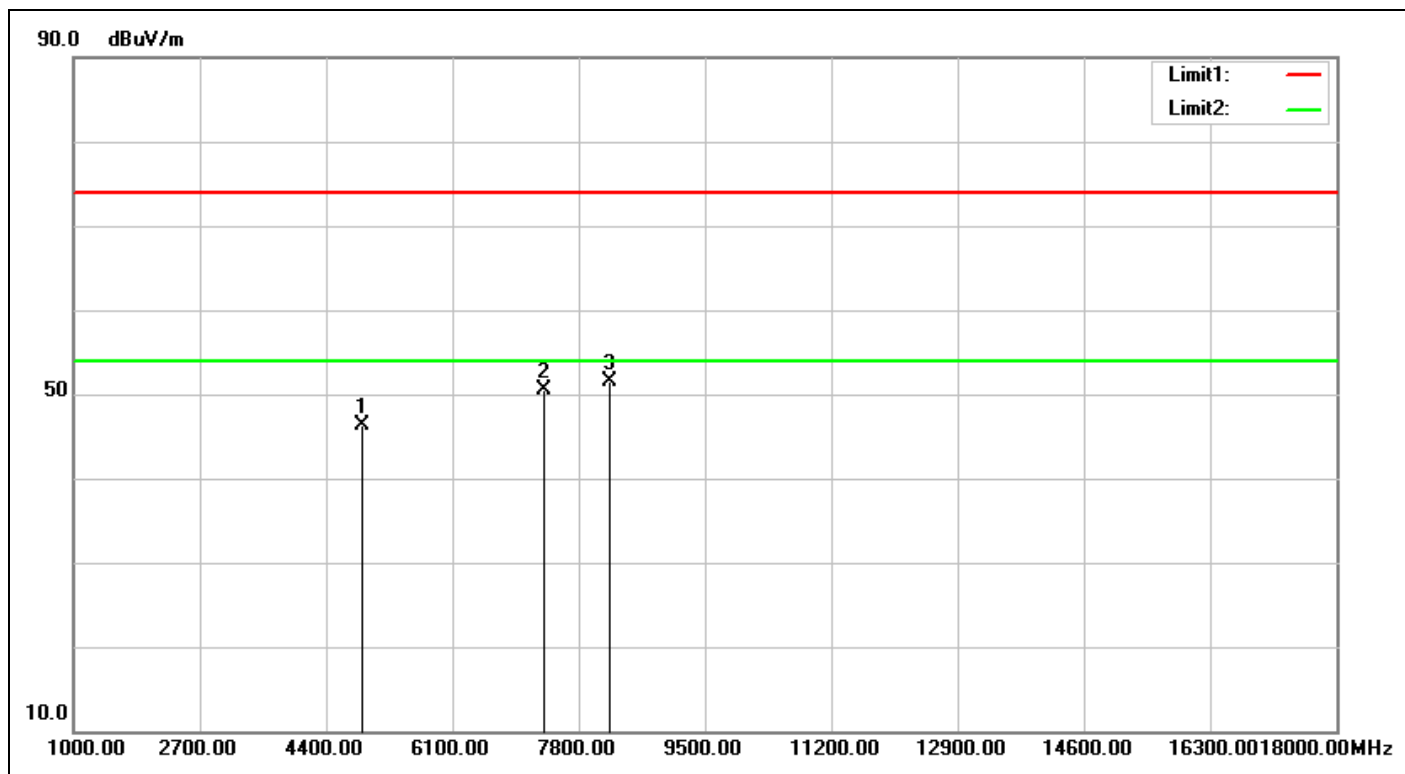
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:19:47
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.65	49.03	46.38	74.00	-27.62	peak			
2	7206.000	5.26	46.73	51.99	74.00	-22.01	peak			
3	8242.000	6.13	45.00	51.13	74.00	-22.87	peak	100	6	



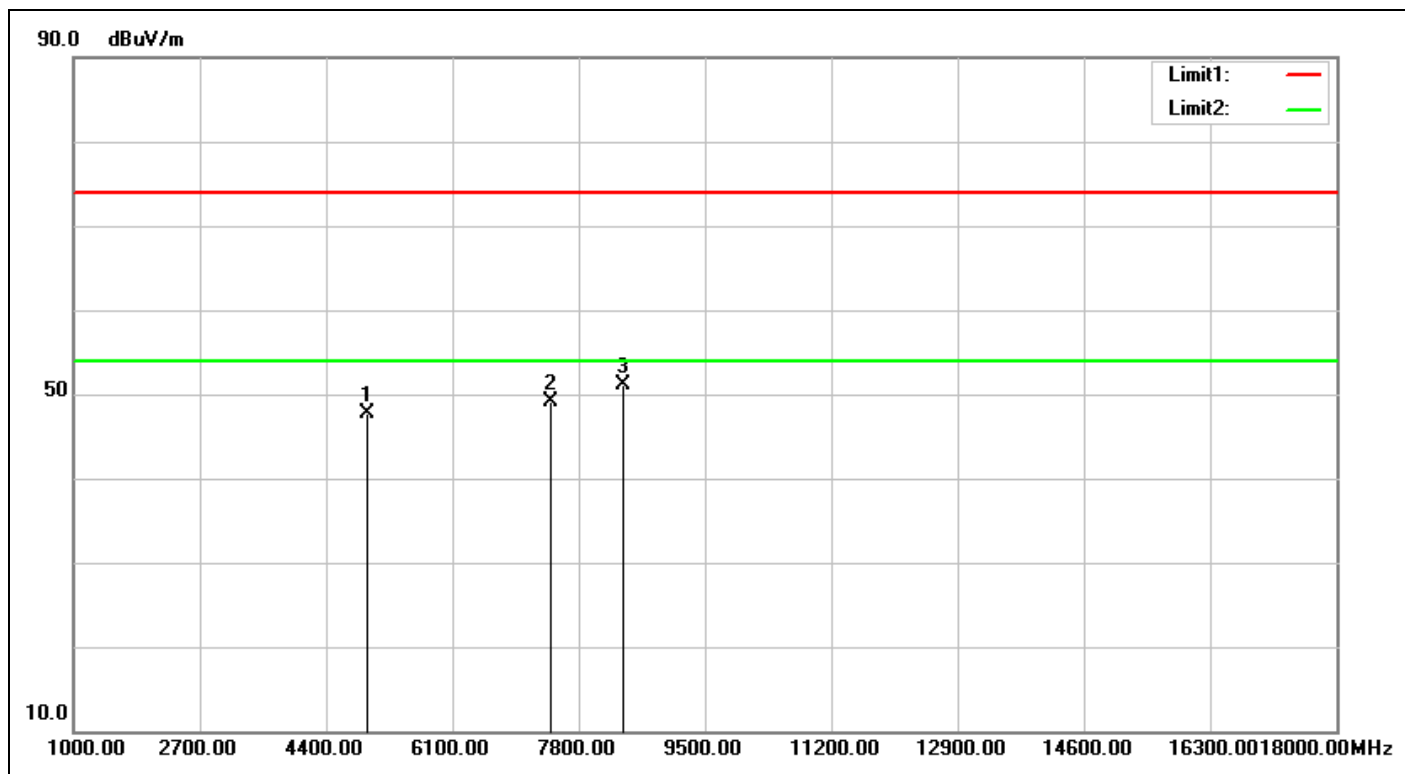
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:23:10
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.44	49.30	46.86	74.00	-27.14	peak			
2	7323.000	5.52	44.59	50.11	74.00	-23.89	peak			
3	8021.000	5.80	44.83	50.63	74.00	-23.37	peak	100	313	



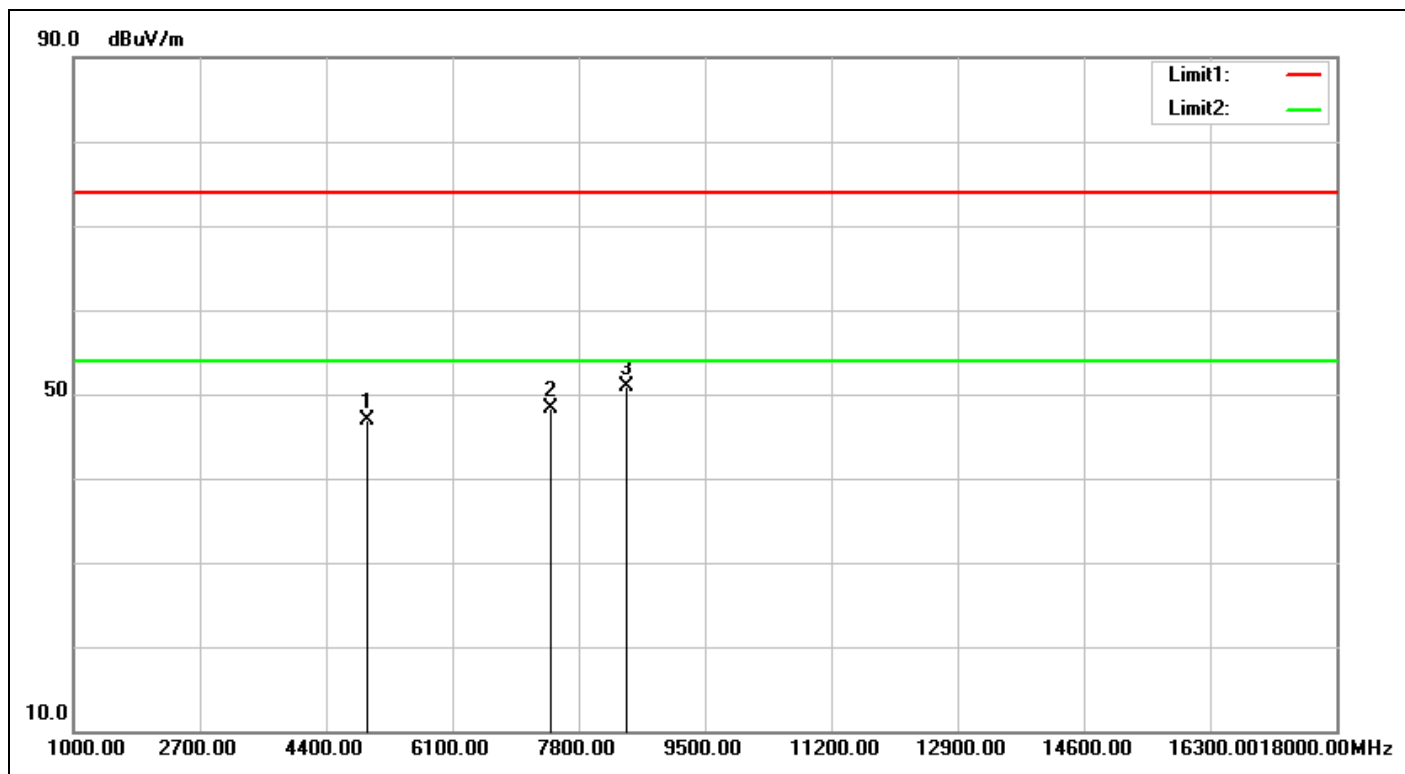
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:24:02
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.44	48.82	46.38	74.00	-27.62	peak			
2	7323.000	5.52	45.06	50.58	74.00	-23.42	peak			
3	8225.000	6.10	45.33	51.43	74.00	-22.57	peak	100	181	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:26:37
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.22	49.83	47.61	74.00	-26.39	peak			
2	7440.000	5.79	43.37	49.16	74.00	-24.84	peak			
3	8395.000	6.35	44.67	51.02	74.00	-22.98	peak	100	155	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:27:29
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	-2.22	49.14	46.92	74.00	-27.08	peak			
2	7440.000	5.79	42.61	48.40	74.00	-25.60	peak			
3	8446.000	6.43	44.46	50.89	74.00	-23.11	peak	100	41	

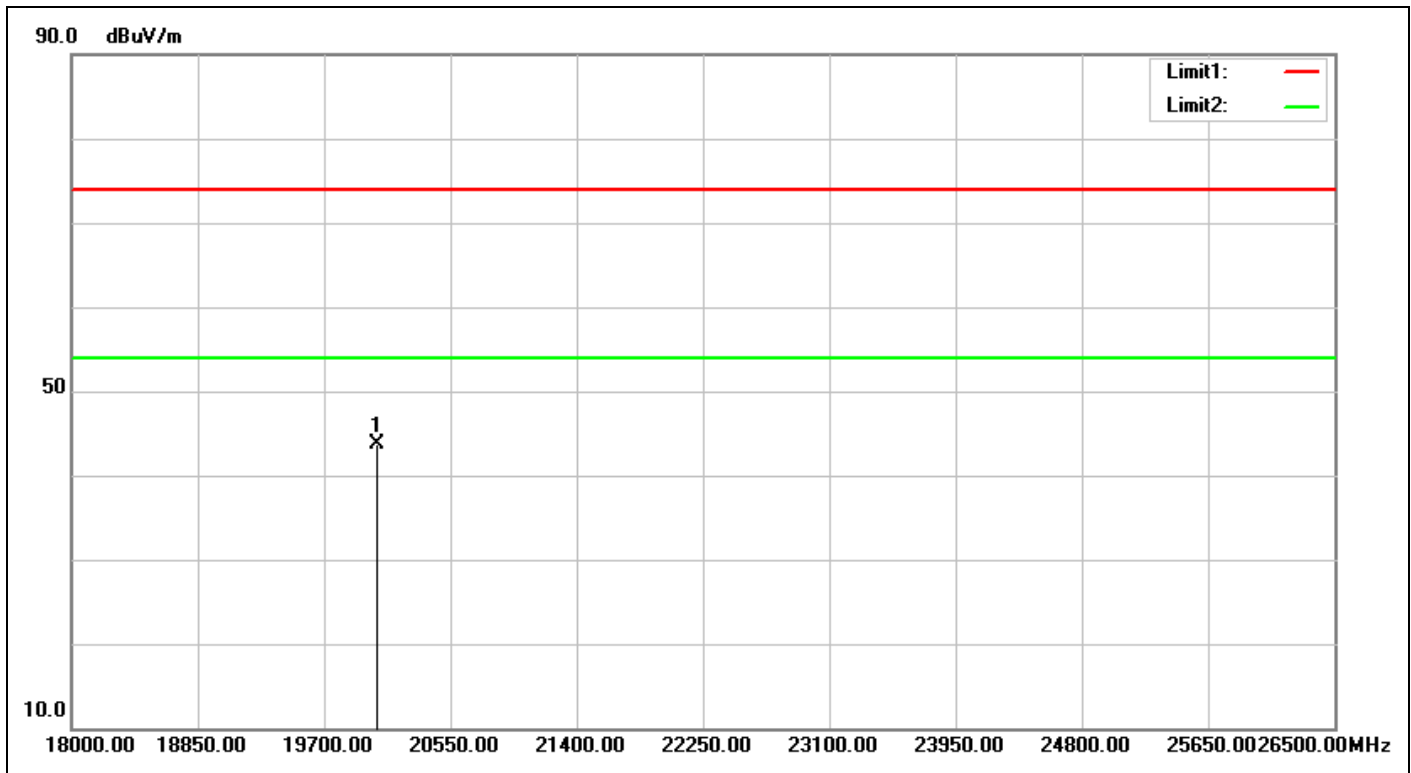
Spurious Emissions, TX Mode, 18-26G



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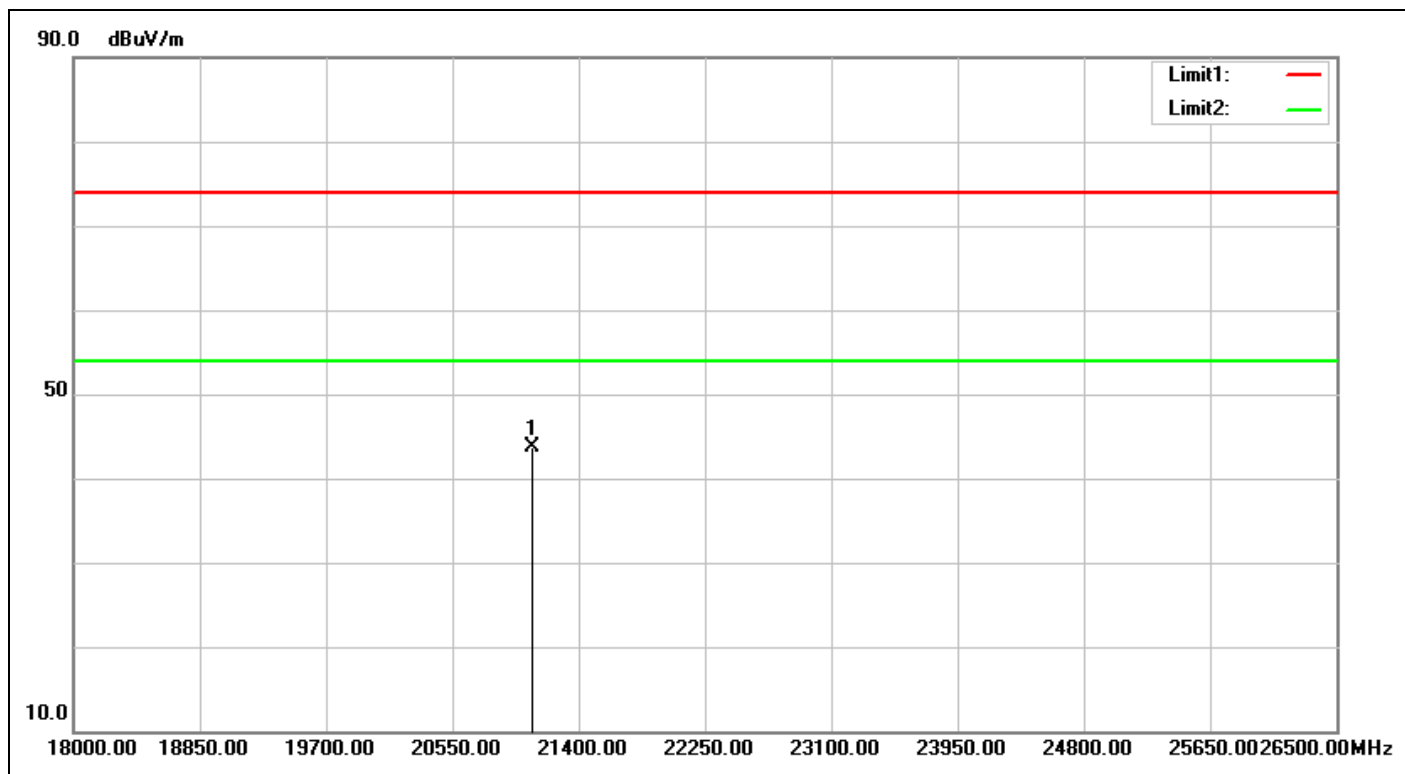
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



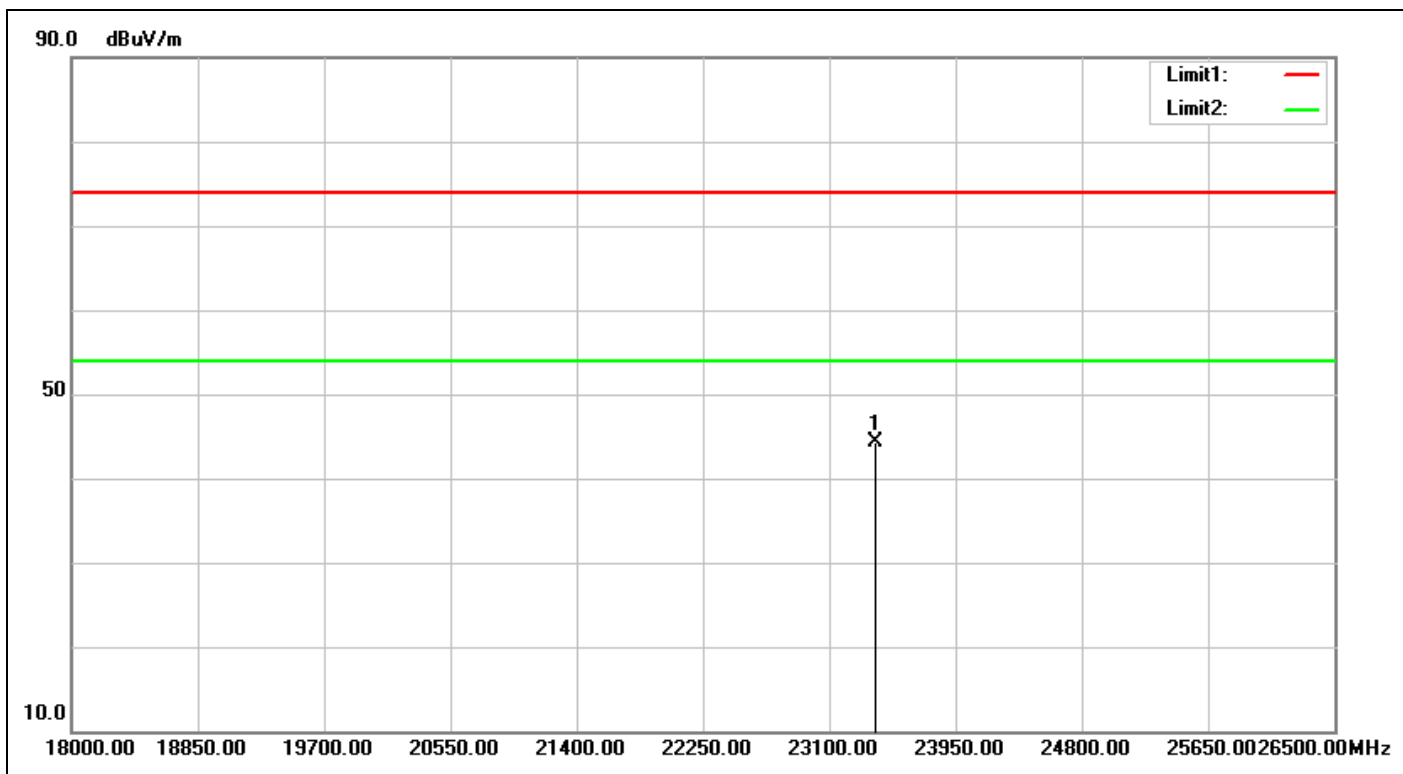
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:51:01
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	20057.000	4.26	39.54	43.80	74.00	-30.20	peak		0	



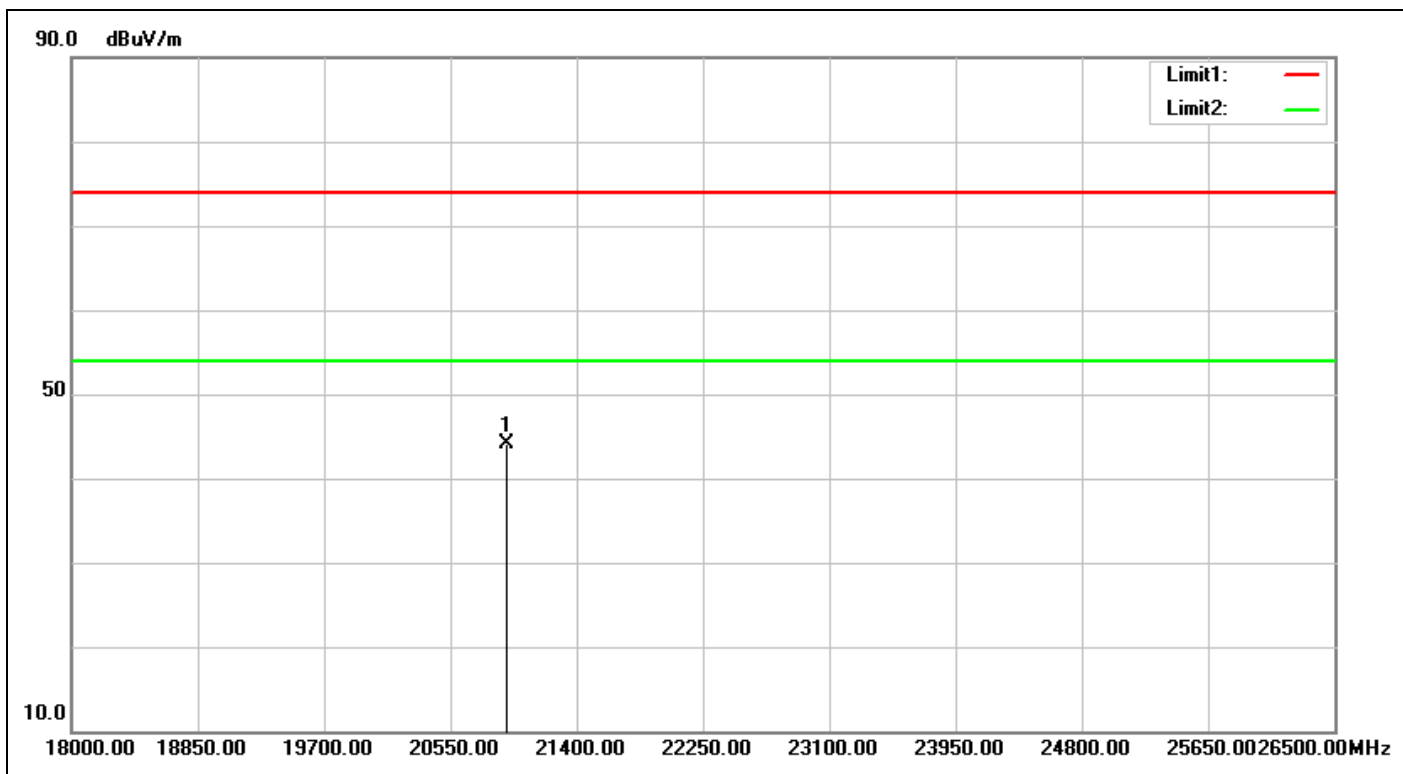
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:51:08
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	21085.500	4.71	38.96	43.67	74.00	-30.33	peak			



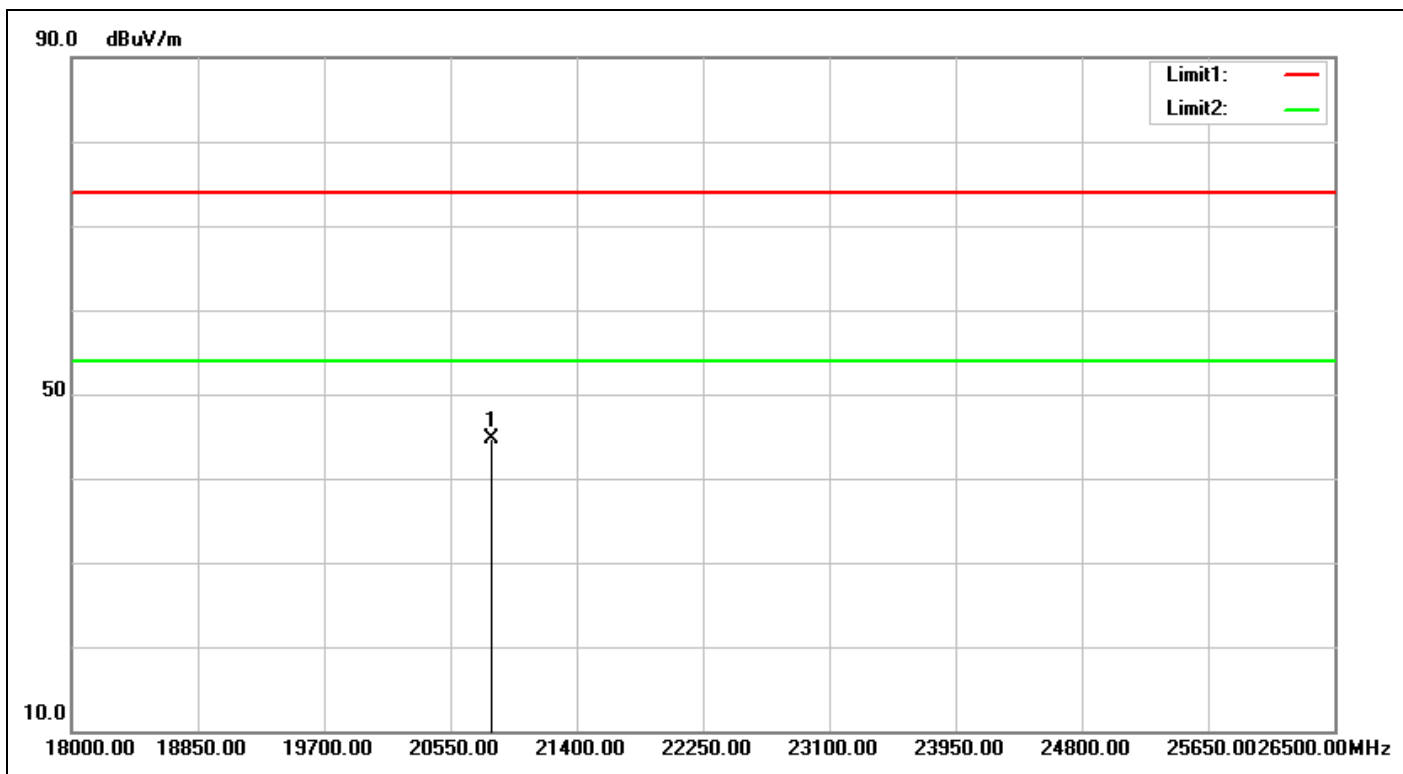
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:51:50
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	23406.000	5.77	38.58	44.35	74.00	-29.65	peak			



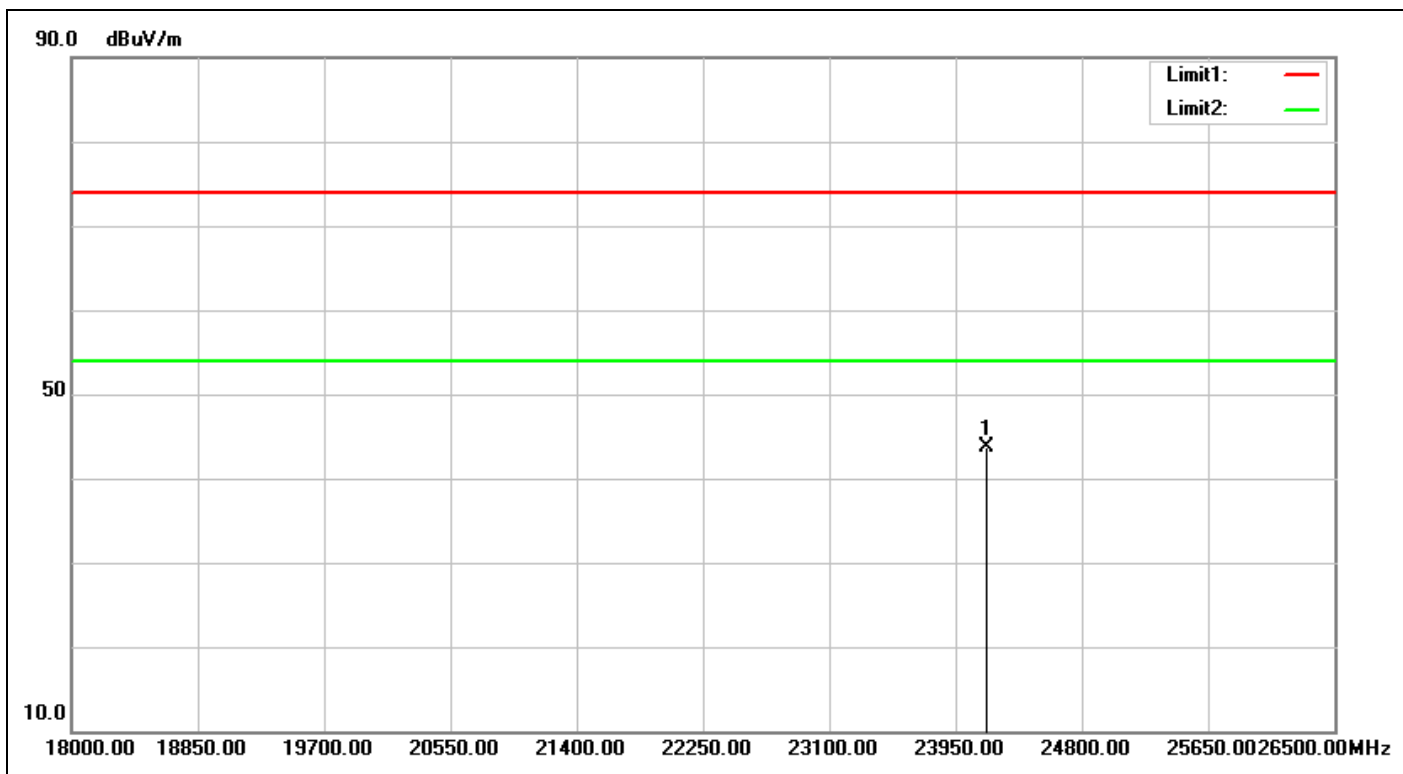
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:51:57
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	20924.000	4.69	39.32	44.01	74.00	-29.99	peak			



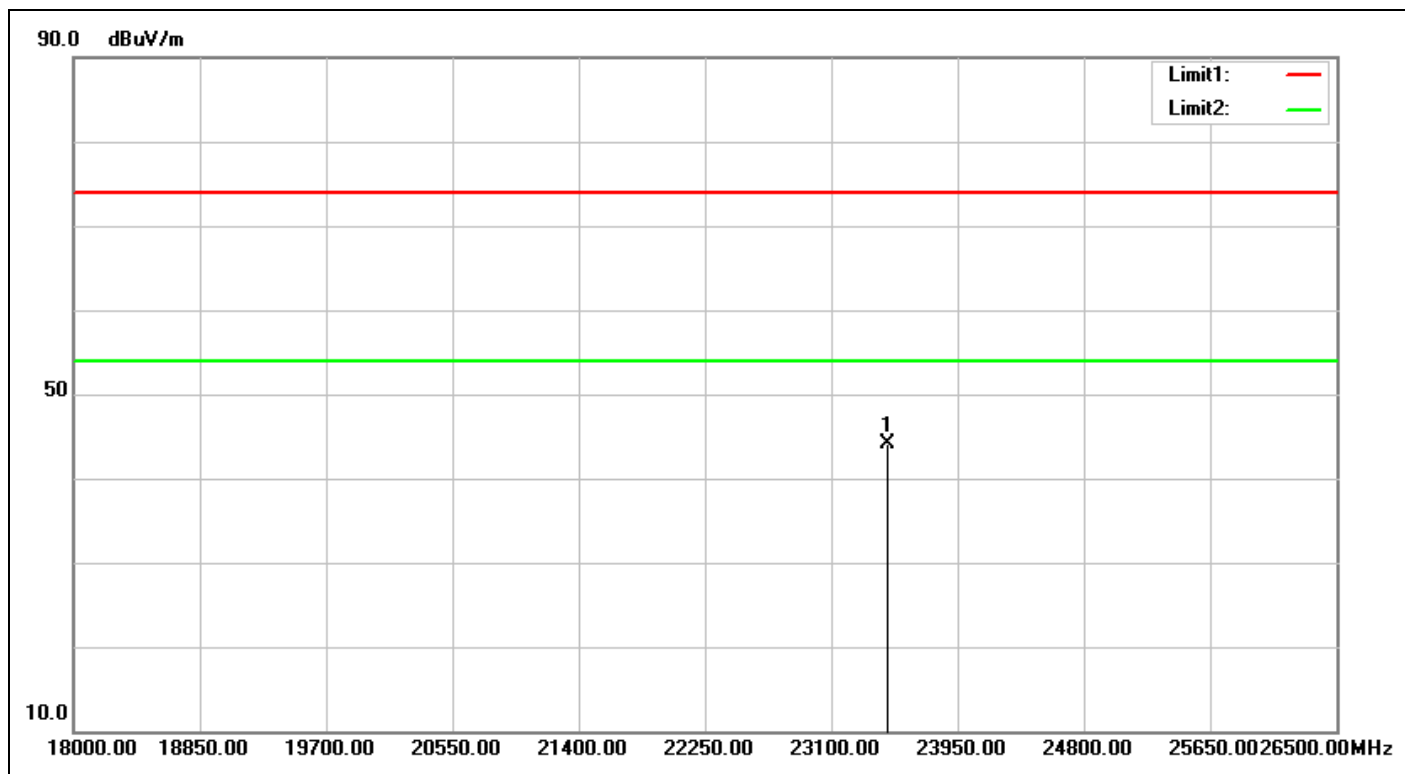
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:52:20
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	20822.000	4.57	40.09	44.66	74.00	-29.34	peak			



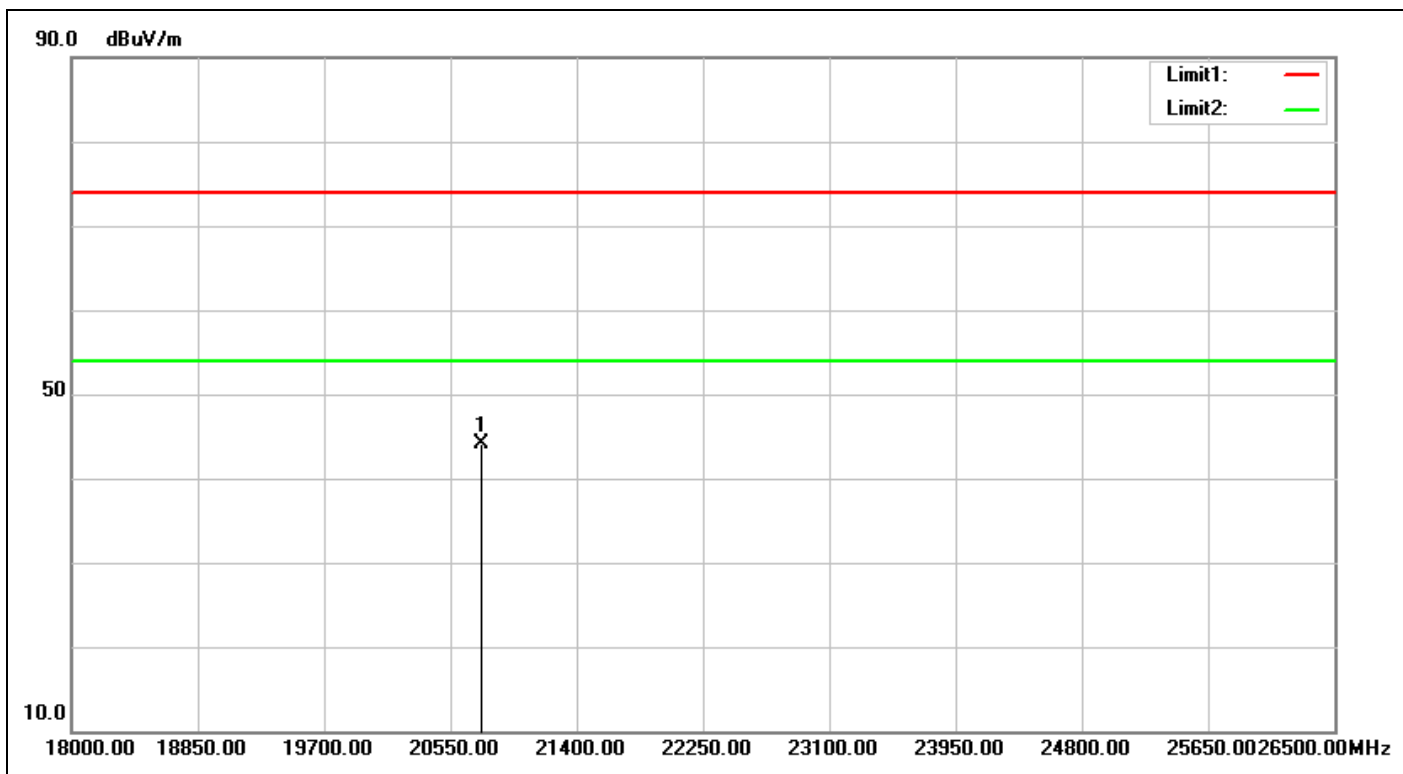
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:52:27
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	24162.500	5.37	38.39	43.76	74.00	-30.24	peak			



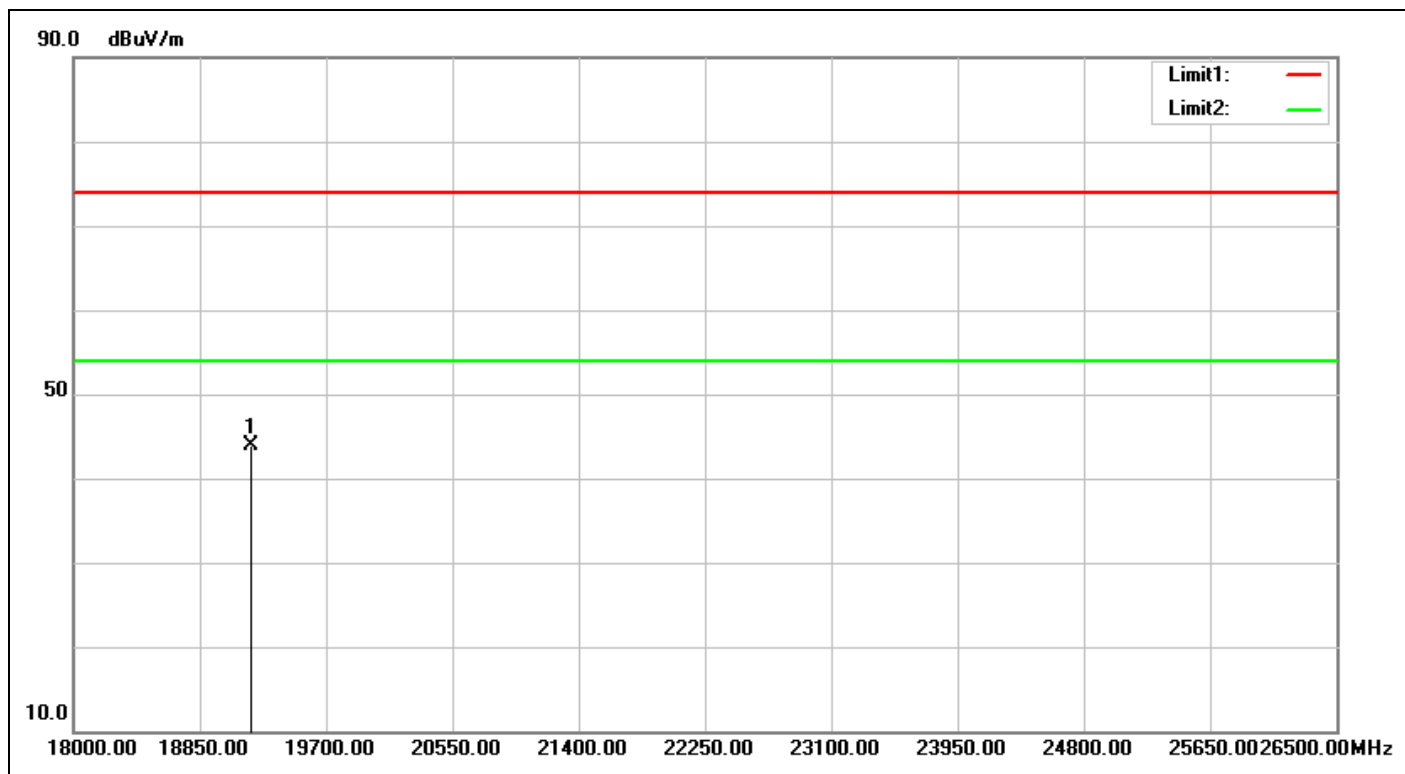
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:53:23
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	23482.500	5.85	38.20	44.05	74.00	-29.95	peak			



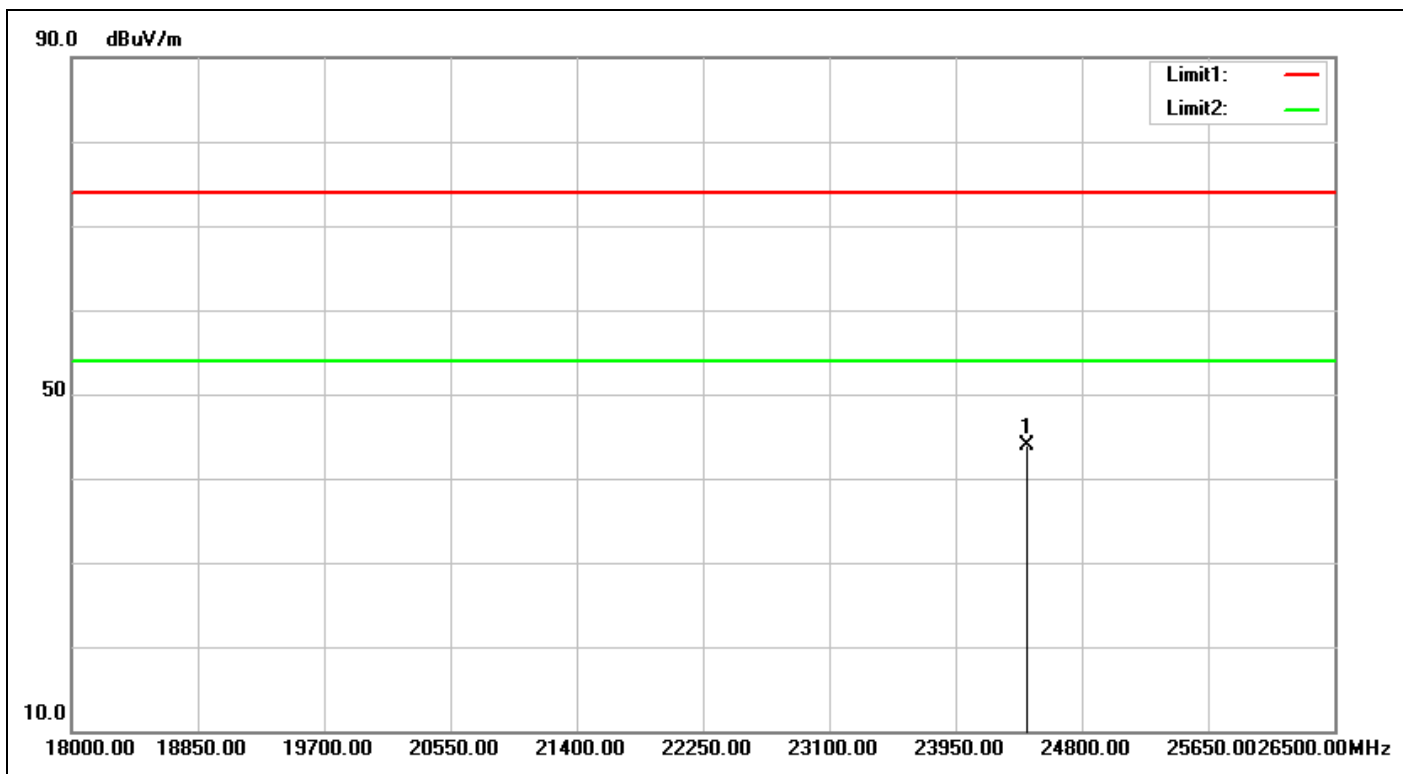
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:53:30
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	20754.000	4.49	39.67	44.16	74.00	-29.84	peak			



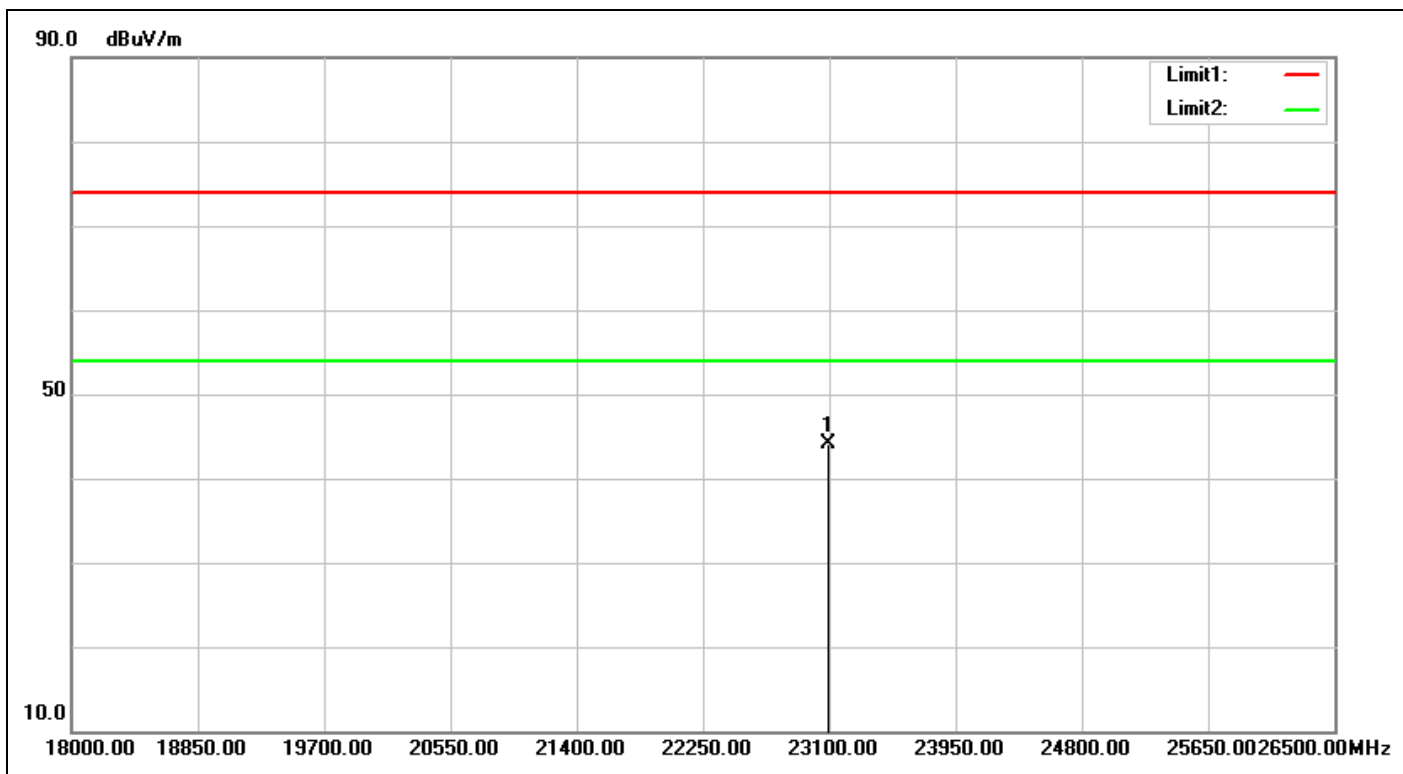
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:54:03
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	19198.500	4.18	39.63	43.81	74.00	-30.19	peak			



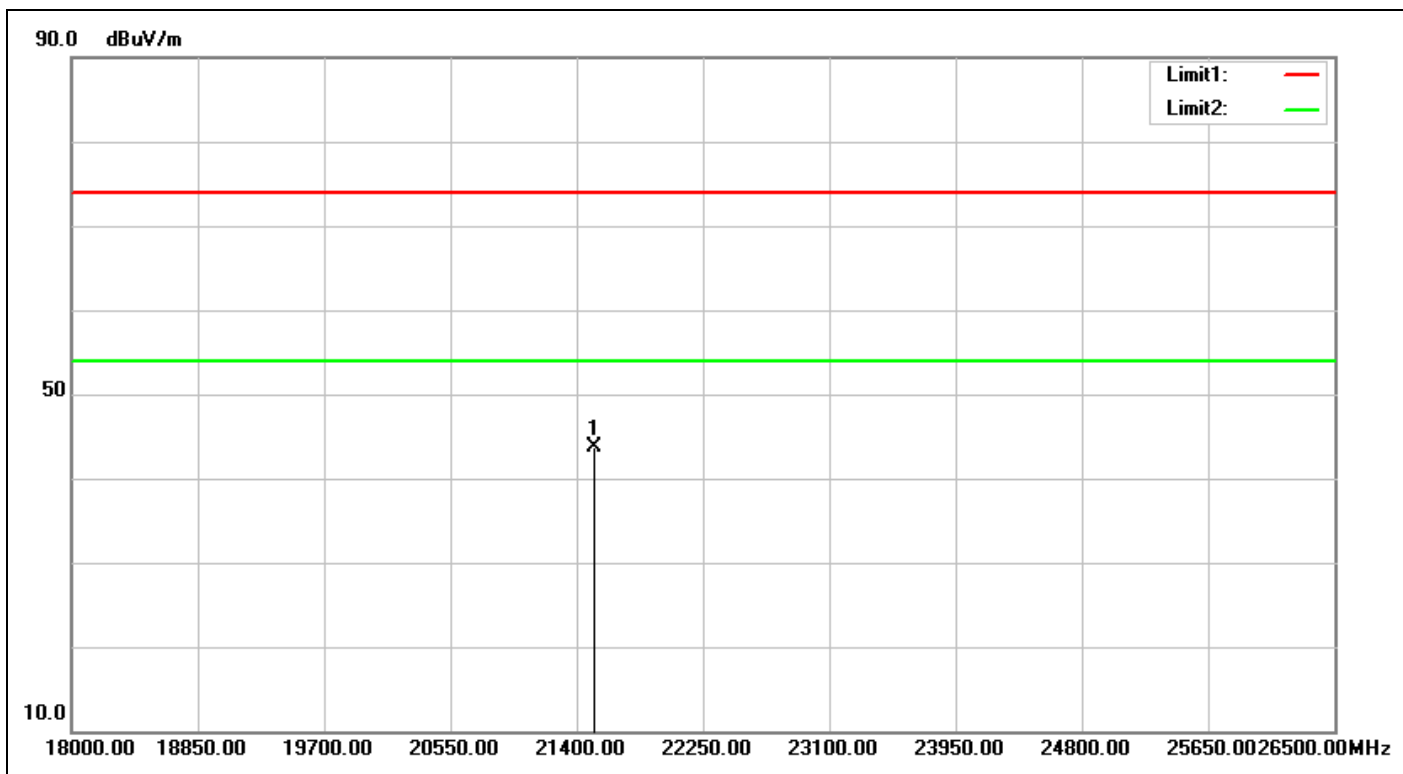
Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:54:10
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	24426.000	5.26	38.64	43.90	74.00	-30.10	peak			



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:54:45
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	23091.500	5.41	38.72	44.13	74.00	-29.87	peak			



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:54:52
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	21519.000	4.32	39.47	43.79	74.00	-30.21	peak			

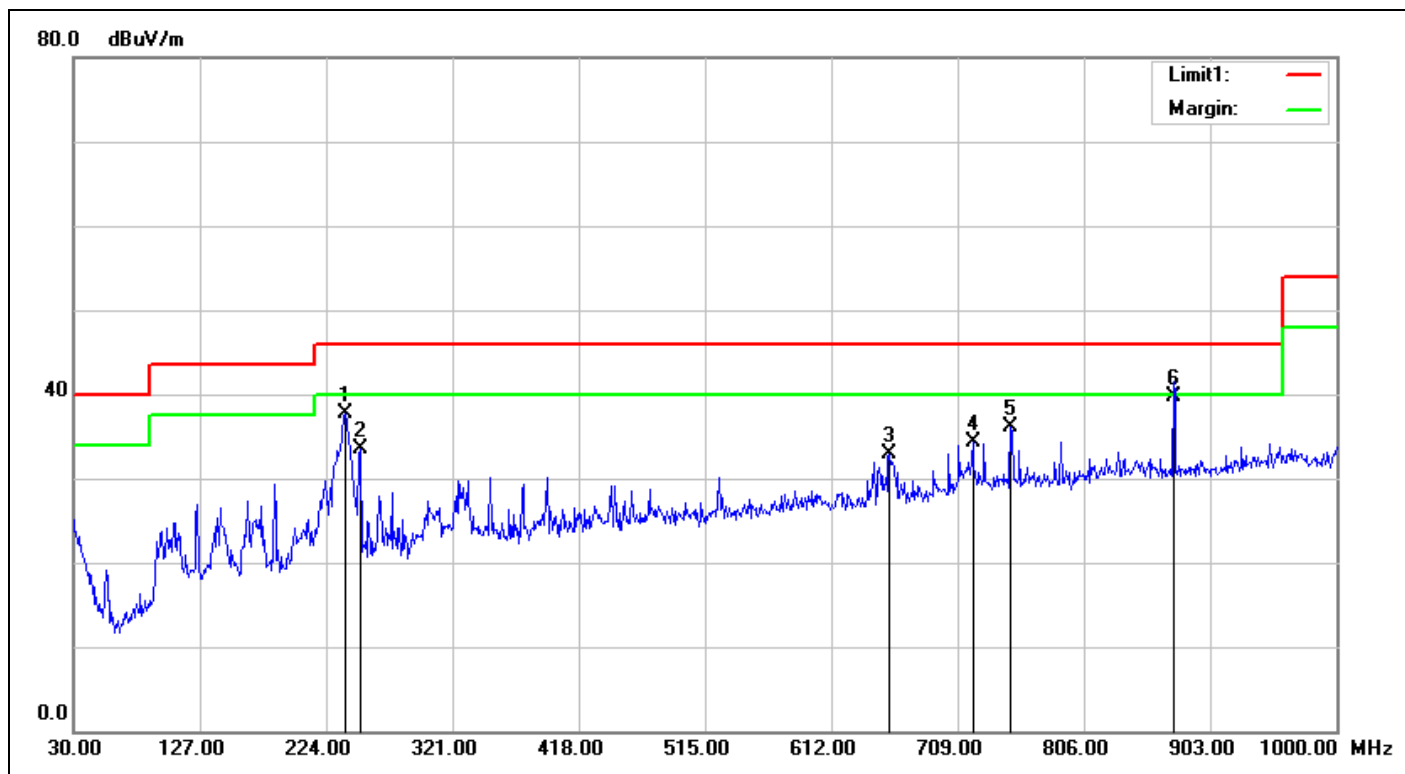
Spurious Emissions, TX Mode, 30M-1G



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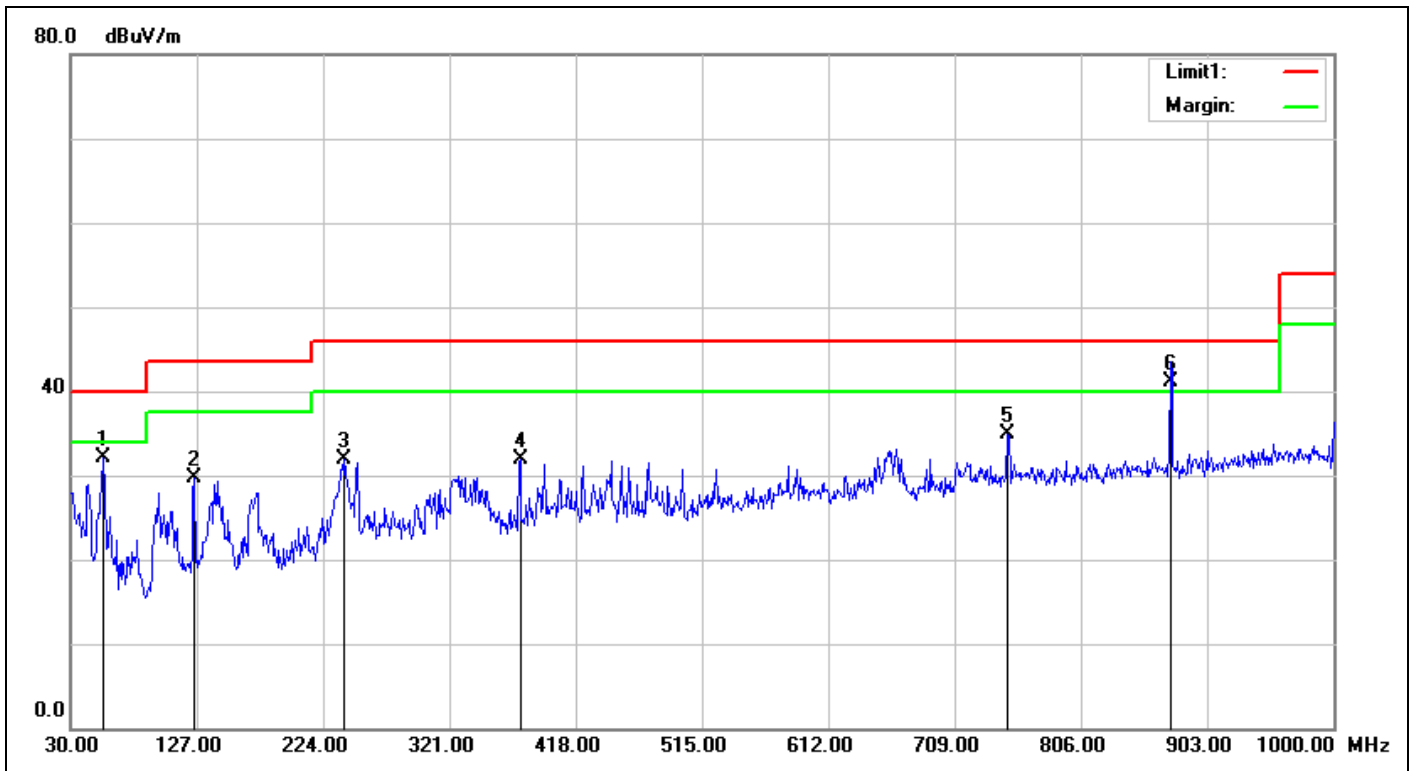
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 14:07:02
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	238.5500	-6.81	44.50	37.69	46.00	-8.31	QP	100	296	
2	250.1899	-5.63	39.11	33.48	46.00	-12.52	QP	100	320	
3	656.6200	0.96	31.91	32.87	46.00	-13.13	QP	100	227	
4	720.6399	2.10	32.30	34.40	46.00	-11.60	QP	100	183	
5	749.7400	2.75	33.32	36.07	46.00	-9.93	QP	100	142	
6	874.8700	4.30	35.46	39.76	46.00	-6.24	QP	100	190	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 14:07:55
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	55.2199	-12.58	44.66	32.08	40.00	-7.92	QP	100	133	
2	125.0600	-7.25	36.93	29.68	43.50	-13.82	QP	100	194	
3	240.4900	-6.64	38.50	31.86	46.00	-14.14	QP	100	139	
4	375.3199	-2.72	34.61	31.89	46.00	-14.11	QP	100	197	
5	749.7400	2.75	32.18	34.93	46.00	-11.07	QP	100	7	
6	874.8700	4.30	36.82	41.12	46.00	-4.88	QP	100	351	

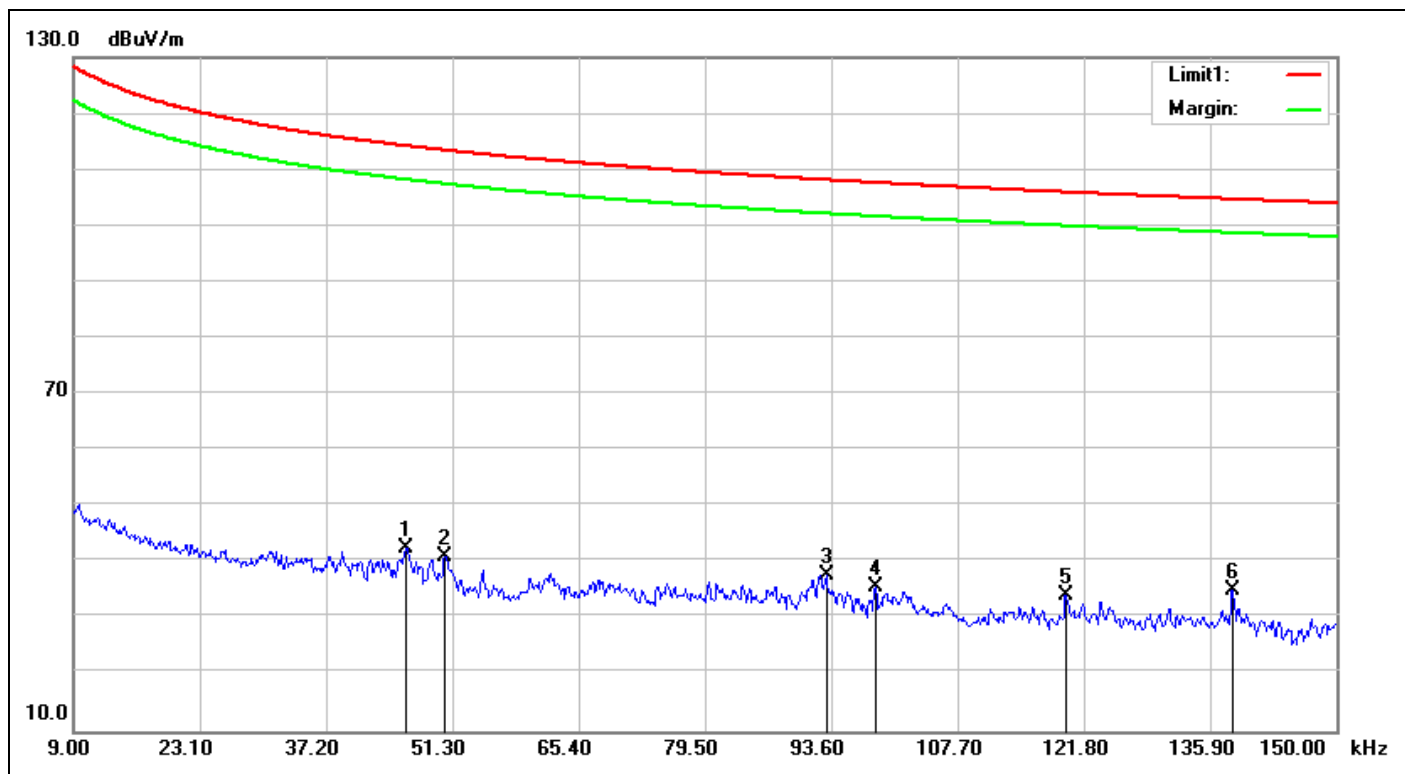
Spurious Emissions, TX Mode, 9k-30M



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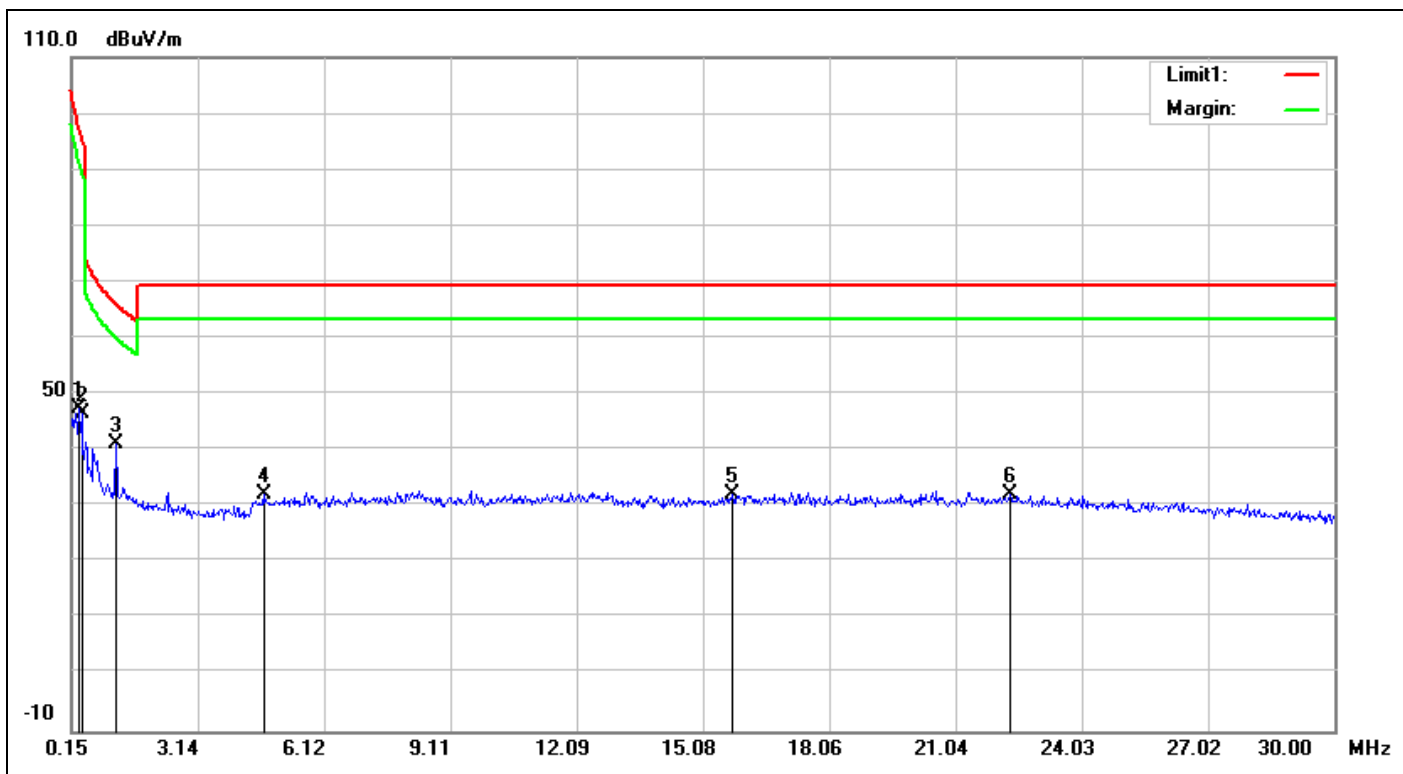
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Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/8/3 14:17:57
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	0.0460	19.00	23.70	42.70	114.22	-71.52	QP	100	238	
2	0.0504	18.92	22.11	41.03	113.43	-72.40	QP	100	106	
3	0.0930	18.40	19.37	37.77	108.14	-70.37	QP	100	149	
4	0.0985	18.35	17.25	35.60	107.65	-72.05	QP	100	241	
5	0.1198	18.34	15.89	34.23	105.96	-71.73	QP	100	145	
6	0.1384	18.35	16.79	35.14	104.71	-69.57	QP	100	238	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/8/3 14:21:49
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
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	0.3291	18.47	29.04	47.51	97.23	-49.72	QP	100	245	
2	0.3887	18.53	27.93	46.46	95.80	-49.34	QP	100	235	
3	1.1947	18.66	22.41	41.07	66.08	-25.01	QP	100	242	
4	4.6870	19.32	12.96	32.28	69.50	-37.22	QP	100	163	
5	15.7615	21.11	10.99	32.10	69.50	-37.40	QP	100	294	
6	22.3285	21.69	10.41	32.10	69.50	-37.40	QP	100	334	

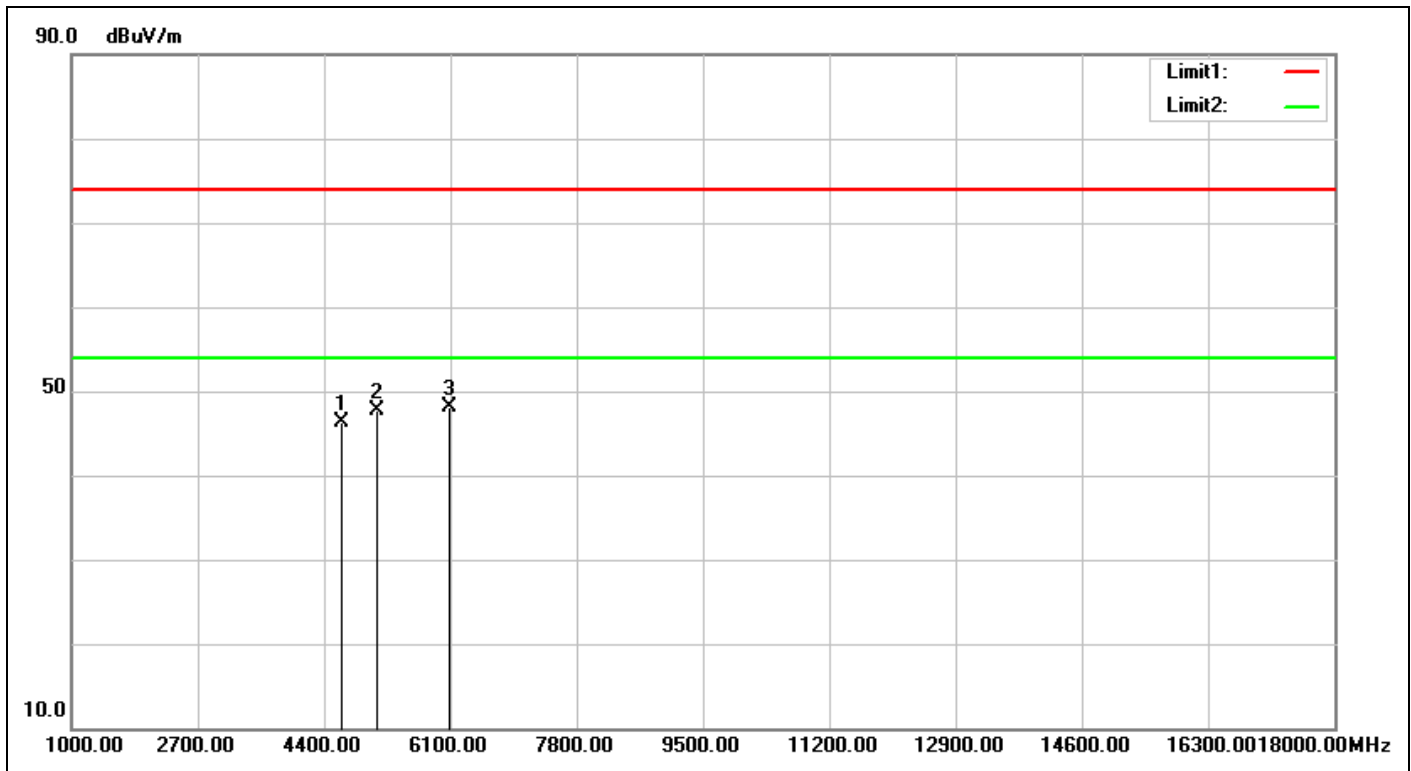
Spurious Emissions, RX Mode, 1-18G



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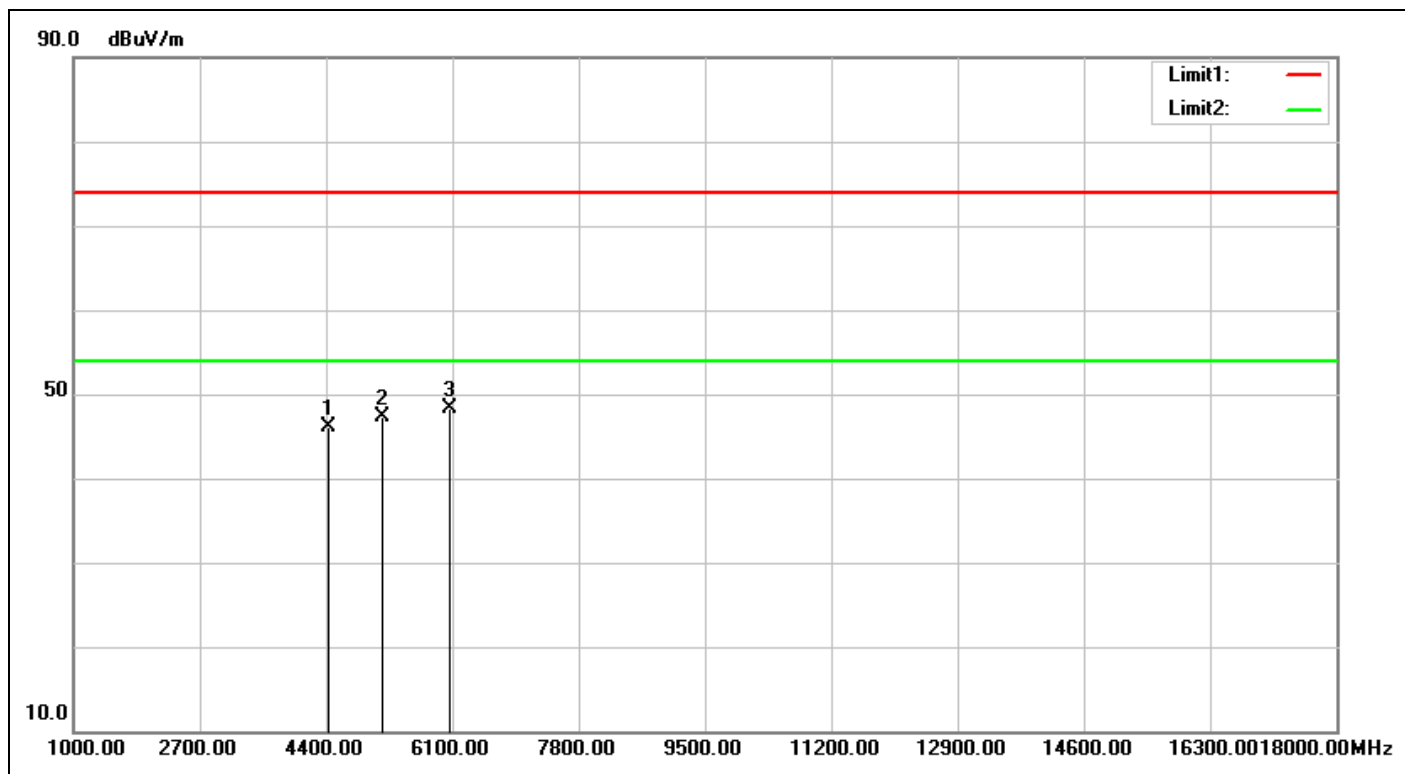
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:29:56
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4638.000	-3.72	50.09	46.37	74.00	-27.63	peak	100	305	
2	5114.000	-2.62	50.25	47.63	74.00	-26.37	peak	100	186	
3	6083.000	2.65	45.49	48.14	74.00	-25.86	peak	100	220	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:30:48
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4434.000	-4.18	50.27	46.09	74.00	-27.91	peak	100	263	
2	5148.000	-2.47	49.69	47.22	74.00	-26.78	peak	100	78	
3	6066.000	2.58	45.70	48.28	74.00	-25.72	peak	100	34	

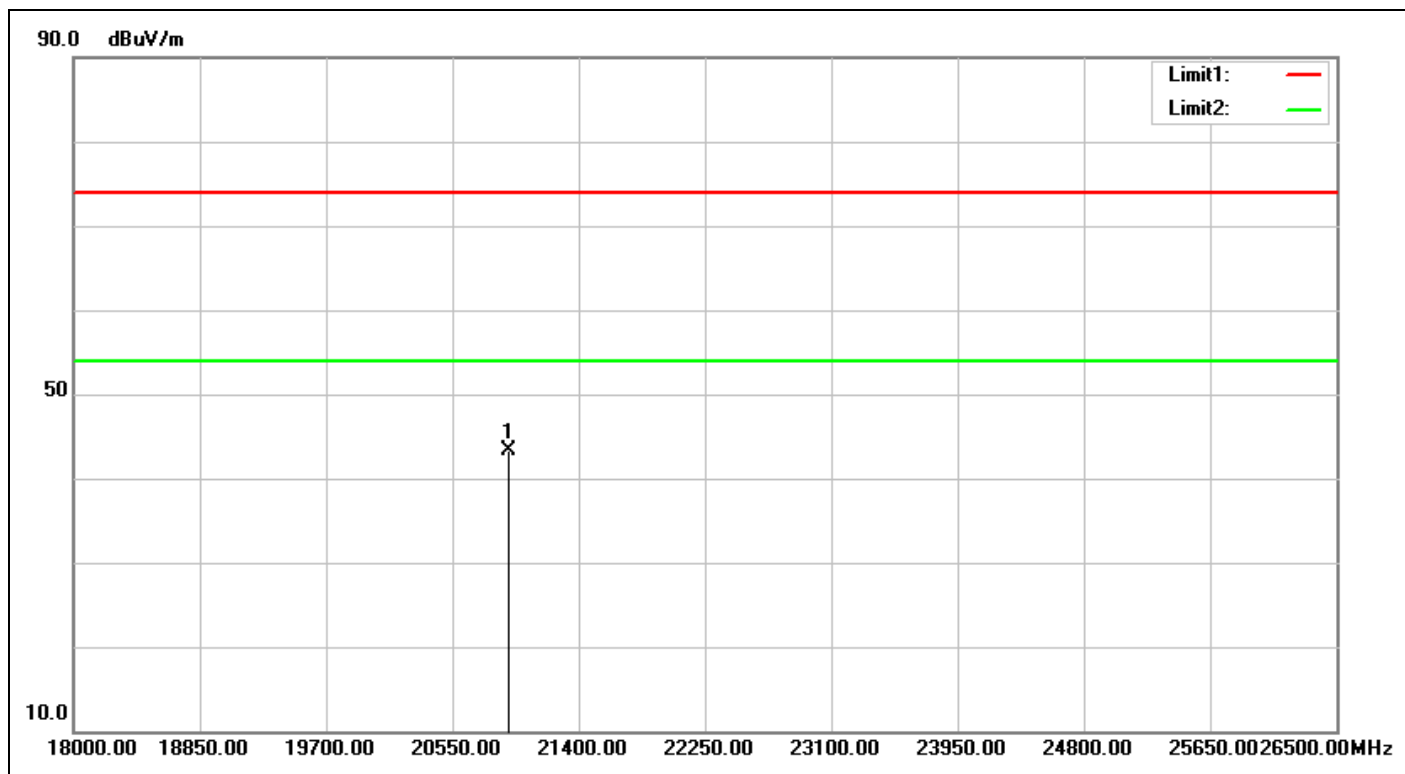
Spurious Emissions, RX Mode, 18-26G



TUV Rheinland Taiwan Ltd.

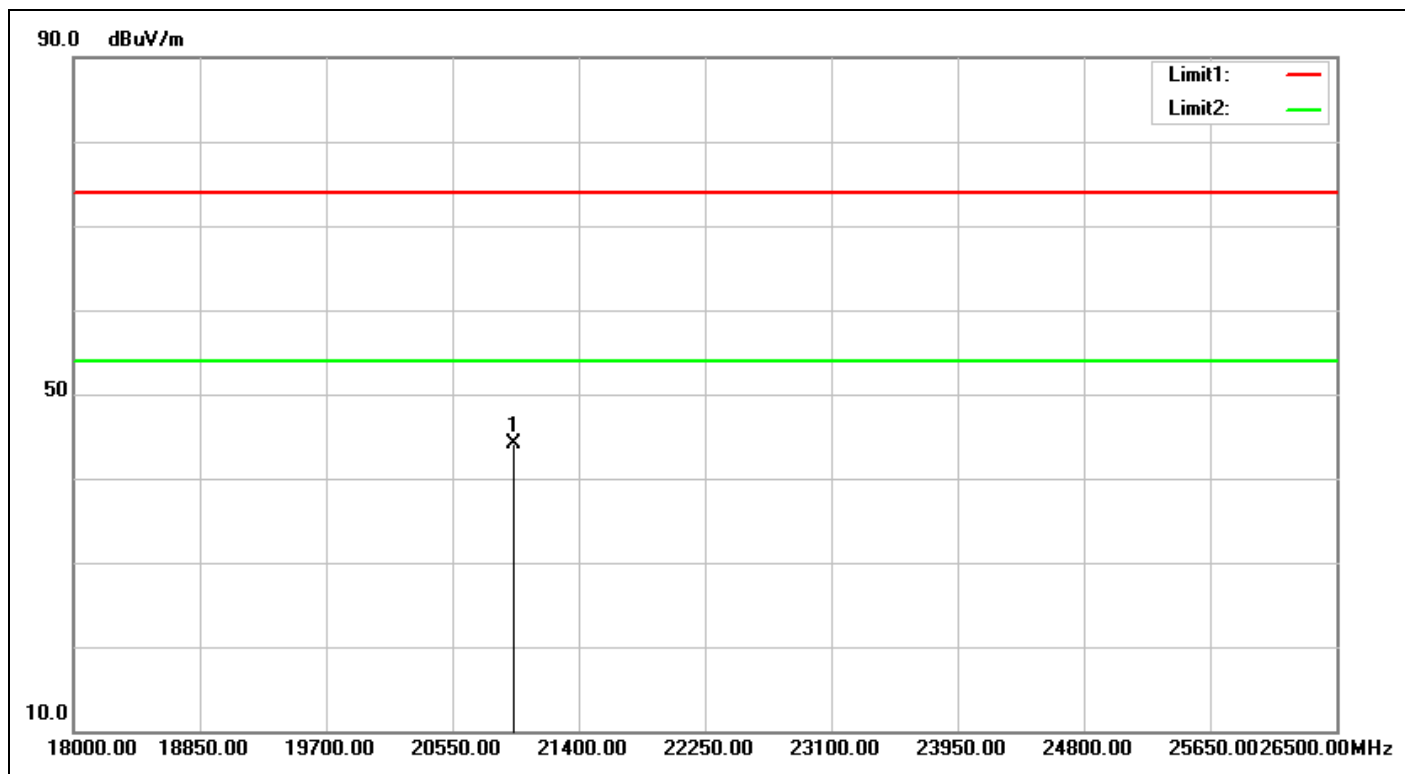
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 13:56:05
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20932.500	4.71	38.65	43.36	74.00	-30.64	peak			



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 13:56:11
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20966.500	4.75	39.26	44.01	74.00	-29.99	peak			

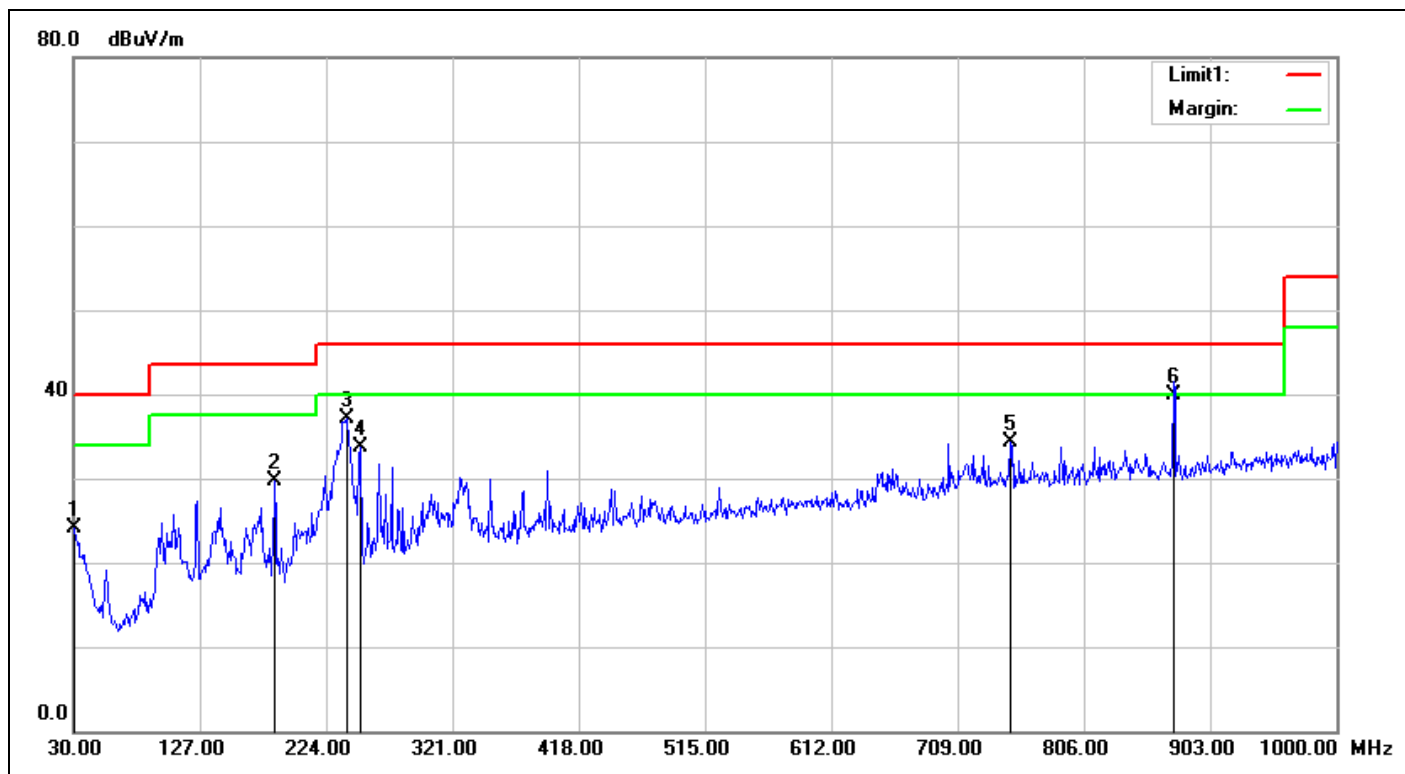
Spurious Emissions, RX Mode, 30M-1G



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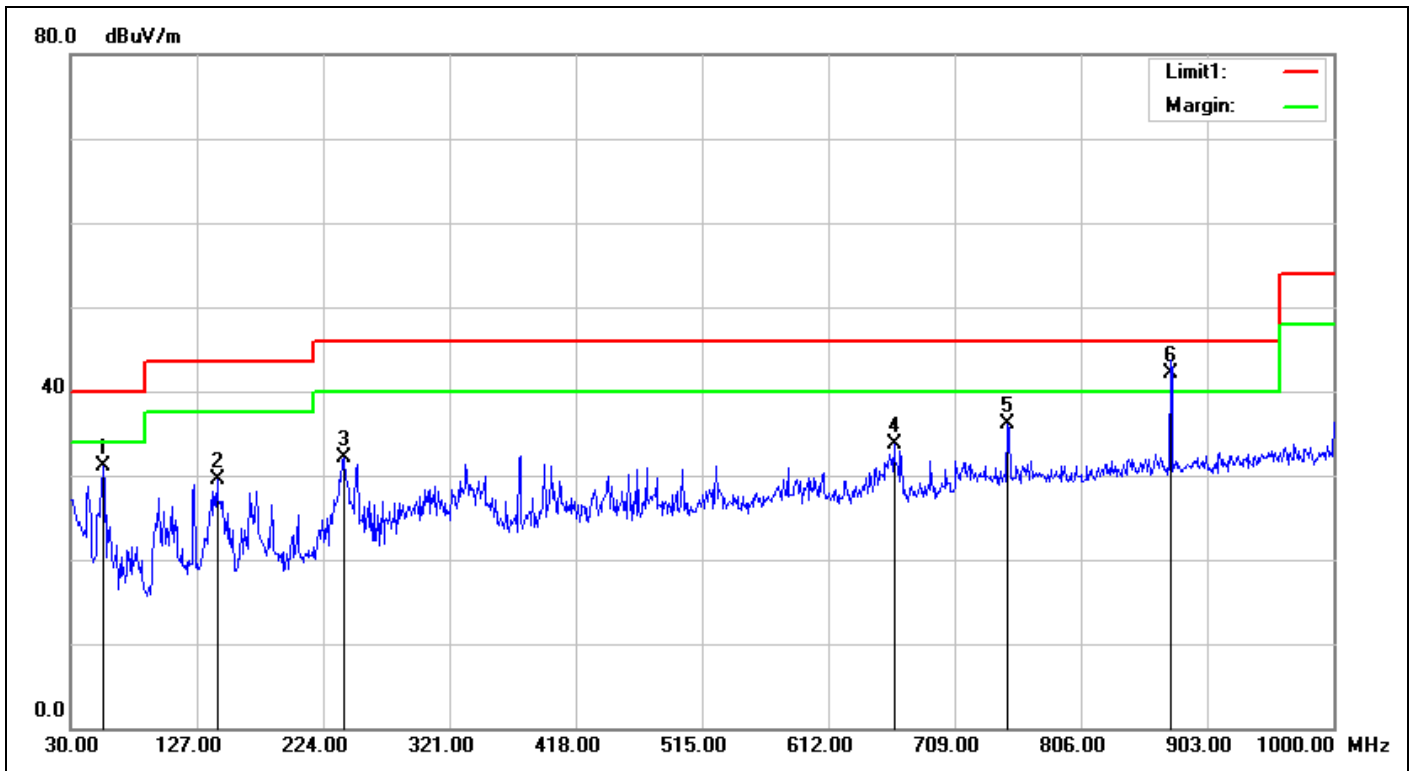
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Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/8/3 14:11:08
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-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	-0.21	24.29	24.08	40.00	-15.92	QP	100	231	
2	184.2298	-9.50	39.13	29.63	43.50	-13.87	QP	100	152	
3	239.5200	-6.73	43.79	37.06	46.00	-8.94	QP	100	292	
4	250.1899	-5.63	39.26	33.63	46.00	-12.37	QP	100	313	
5	749.7400	2.75	31.47	34.22	46.00	-11.78	QP	100	111	
6	874.8700	4.30	35.58	39.88	46.00	-6.12	QP	100	196	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/8/3 14:12:01
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	55.2200	-12.58	43.68	31.10	40.00	-8.90	QP	100	20	
2	142.5200	-7.02	36.59	29.57	43.50	-13.93	QP	100	187	
3	239.5200	-6.73	38.75	32.02	46.00	-13.98	QP	100	61	
4	662.4400	1.05	32.69	33.74	46.00	-12.26	QP	100	358	
5	749.7400	2.75	33.29	36.04	46.00	-9.96	QP	100	313	
6	874.8700	4.30	37.72	42.02	46.00	-3.98	QP	100	347	

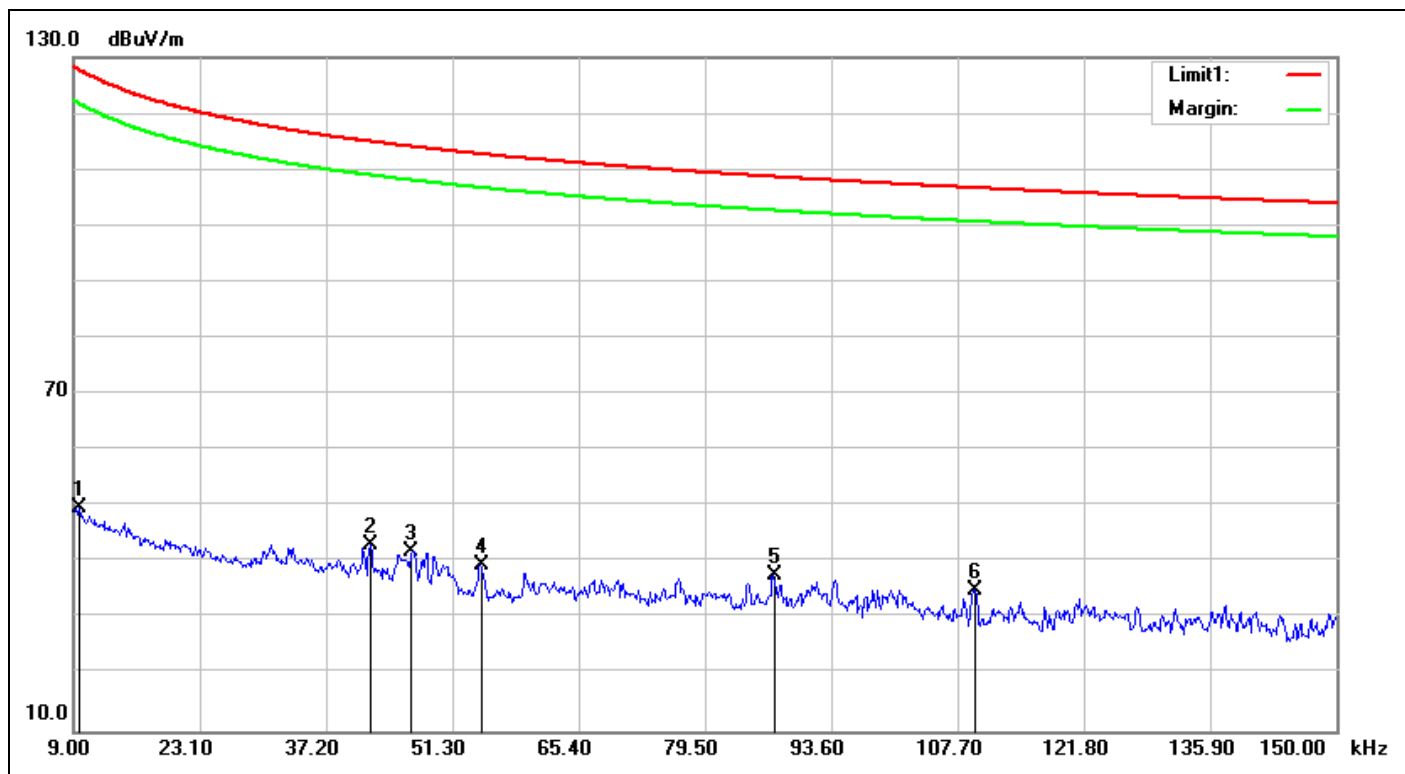
Spurious Emissions, RX Mode, 9K-30M



TUV Rheinland Taiwan Ltd.

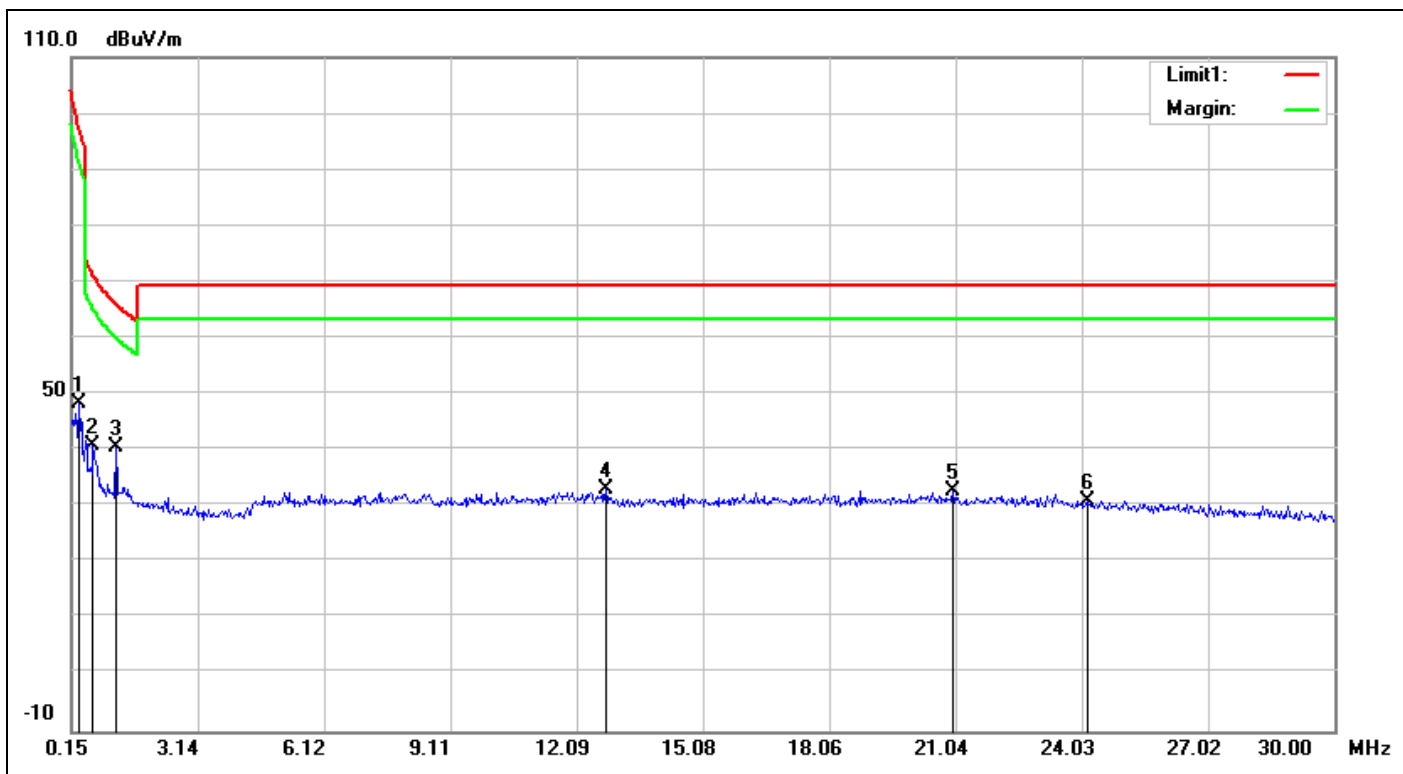
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Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/8/3 14:18:51
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%)	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0095	18.44	31.28	49.72	127.84	-78.12	QP	100	250	
2	0.0421	19.08	24.18	43.26	114.99	-71.73	QP	100	148	
3	0.0466	18.99	23.05	42.04	114.11	-72.07	QP	100	115	
4	0.0544	18.87	20.68	39.55	112.77	-73.22	QP	100	115	
5	0.0871	18.47	19.23	37.70	108.71	-71.01	QP	100	260	
6	0.1096	18.33	16.81	35.14	106.73	-71.59	QP	100	115	



Service No.:	114080045	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	N/A
Test item:	Radiation Emission	Test Time:	2018/8/3 14:22:43
Applicant:	Robert Bosch Car Multimedia GmbH	Test Rating:	DC 14V
Product:	PSA RCC A1 (with Bluetooth function)	Temp.(°C)/Hum.(%):	20(°C)/55%
Model No.:	PSA RCC A1	Test Engineer:	Curry Chen
Test Mode:	1DH5-2441-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.3291	18.47	29.75	48.22	97.23	-49.01	QP	100	250	
2	0.6574	18.66	22.07	40.73	71.25	-30.52	QP	100	253	
3	1.1947	18.66	21.89	40.55	66.08	-25.53	QP	100	246	
4	12.7766	20.77	12.43	33.20	69.50	-36.30	QP	100	46	
5	20.9853	21.64	11.05	32.69	69.50	-36.81	QP	100	312	
6	24.1494	21.75	9.32	31.07	69.50	-38.43	QP	100	312	