

Test Report No.10051279 001

Appendix D: Radiated Spurious Emission Data

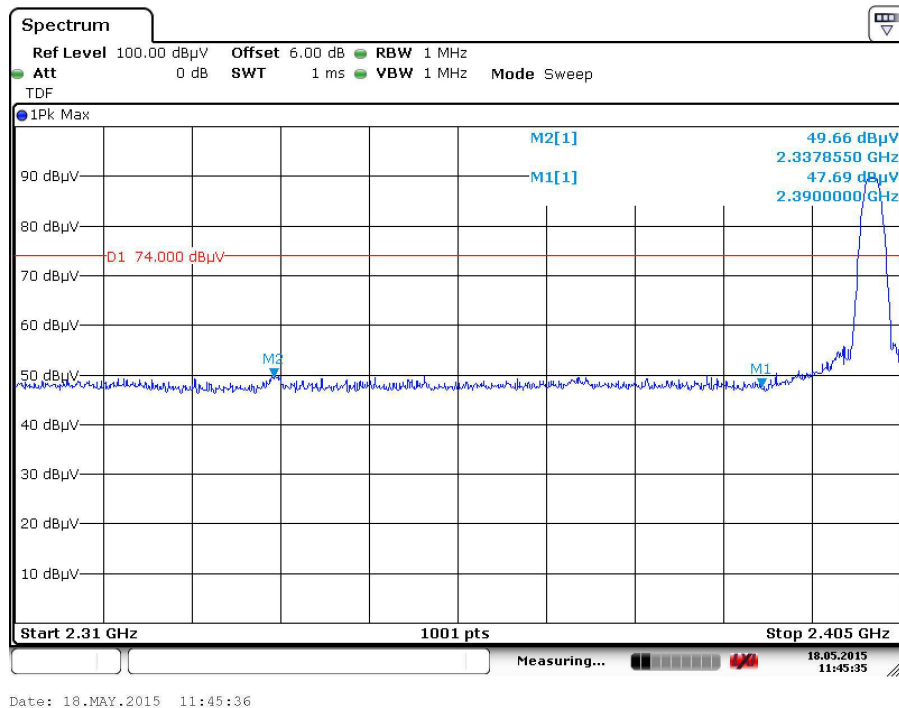
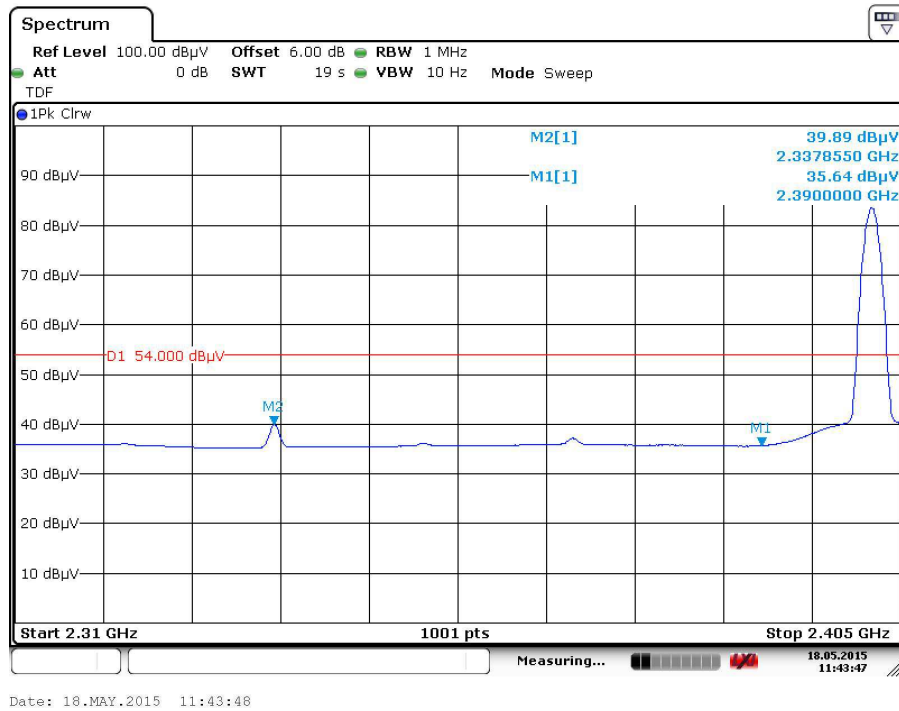
(File: 10051279AppendixD)

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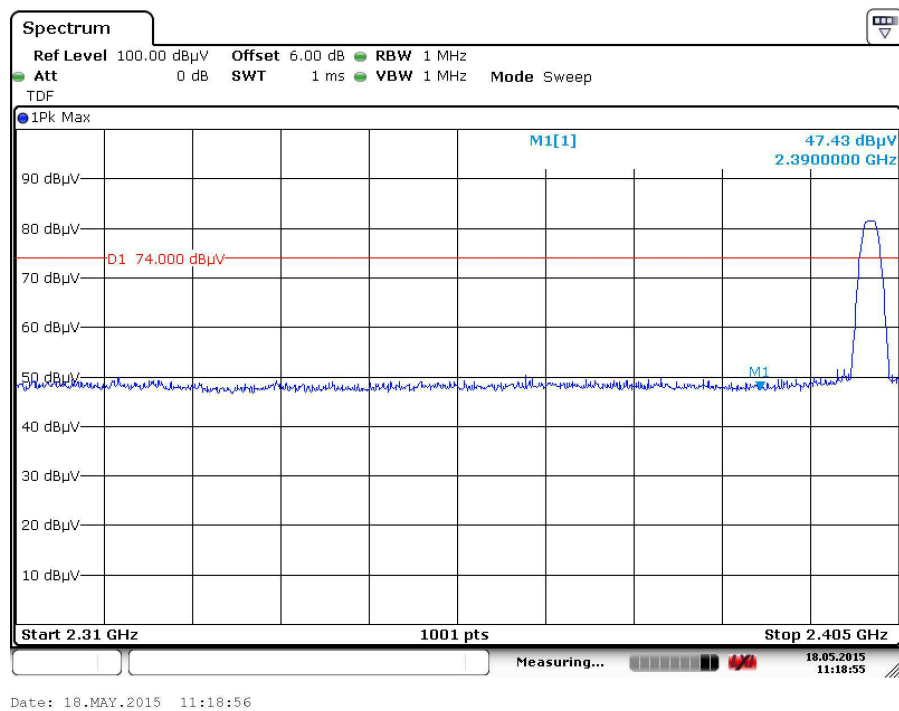
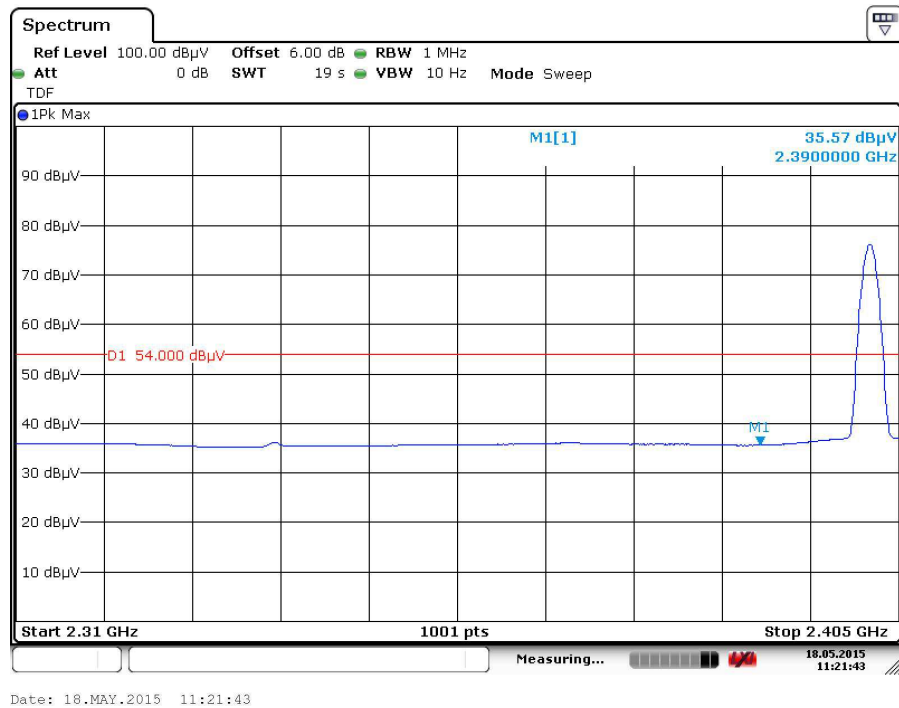
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Radiated Bandedge (GFSK)

Low Channel (Hor)



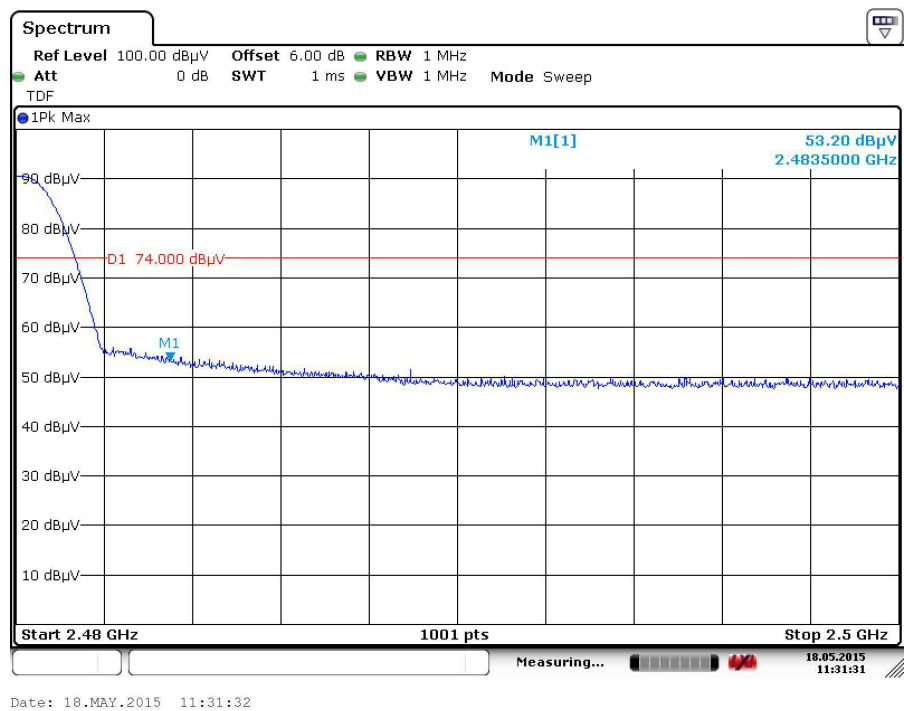
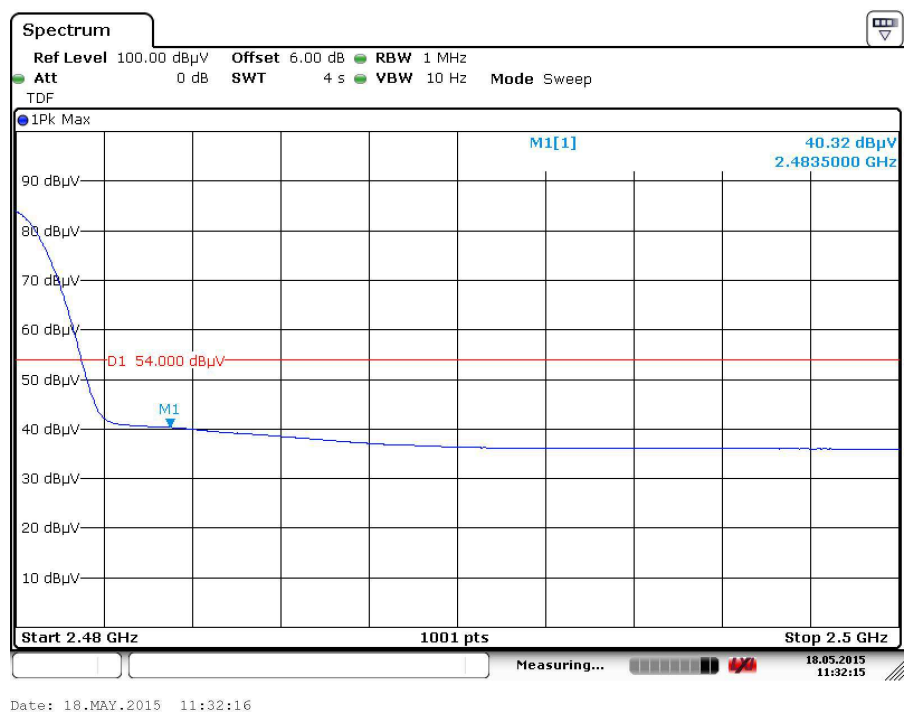
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

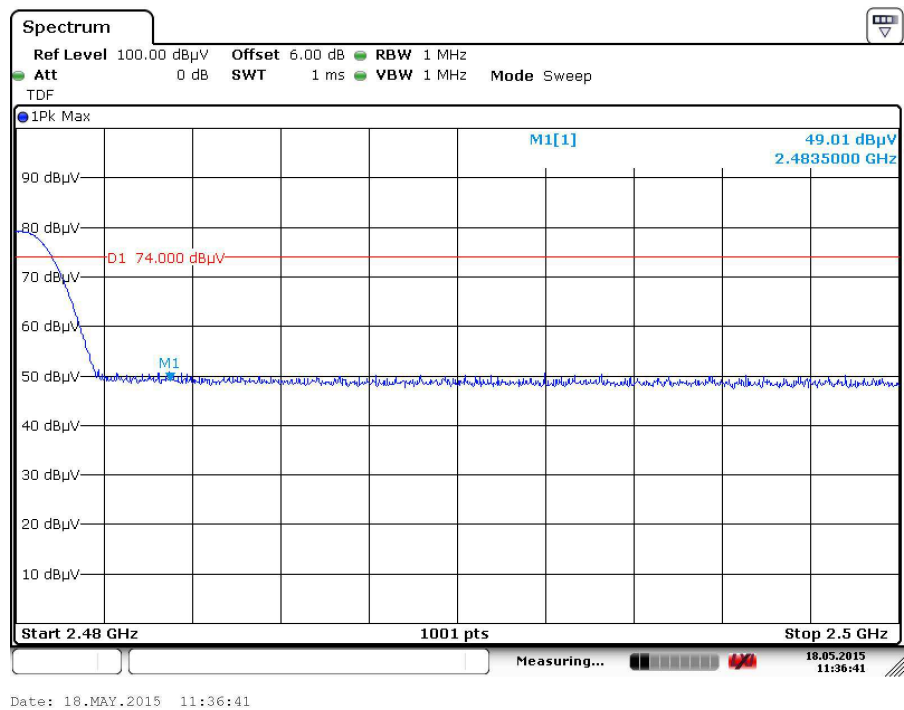
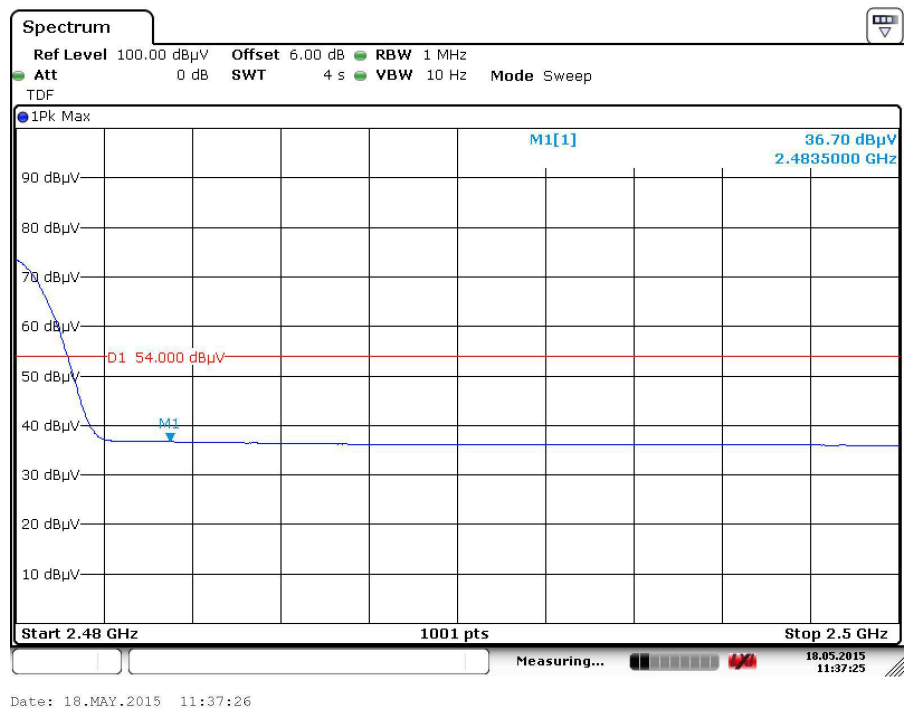
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

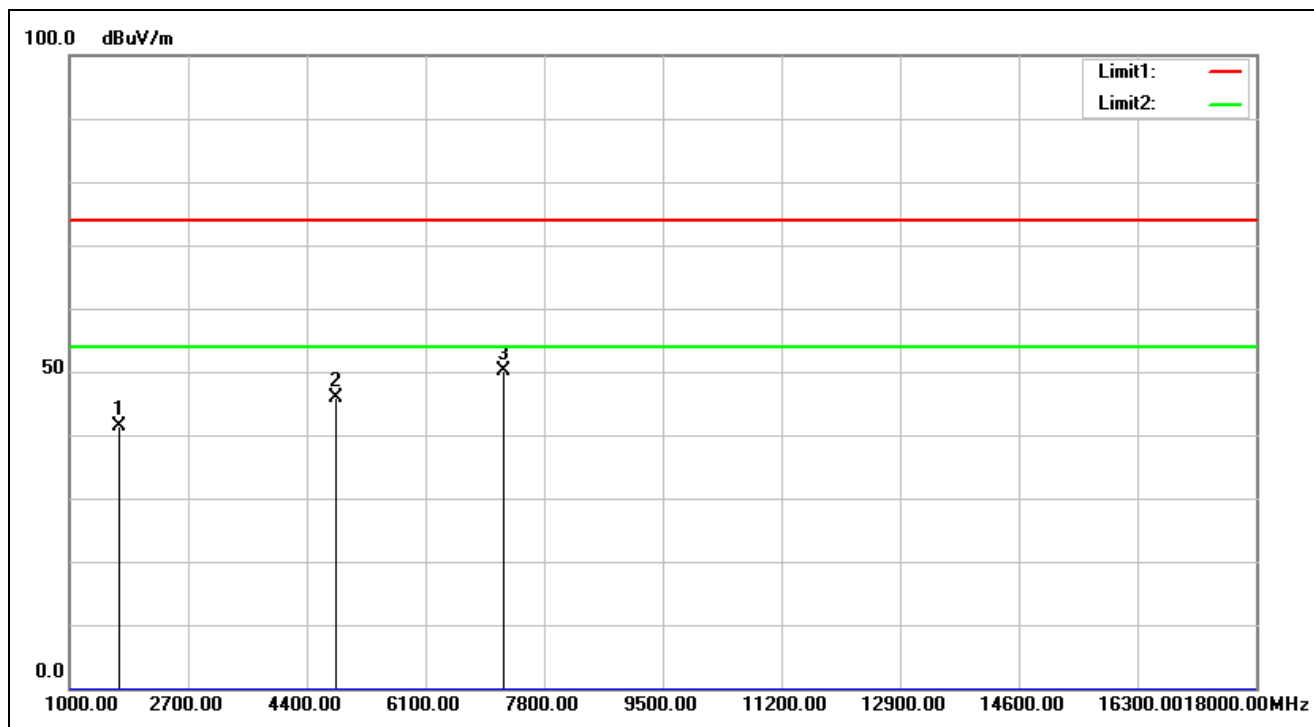
Spurious Emissions, TX Mode, 1-18G



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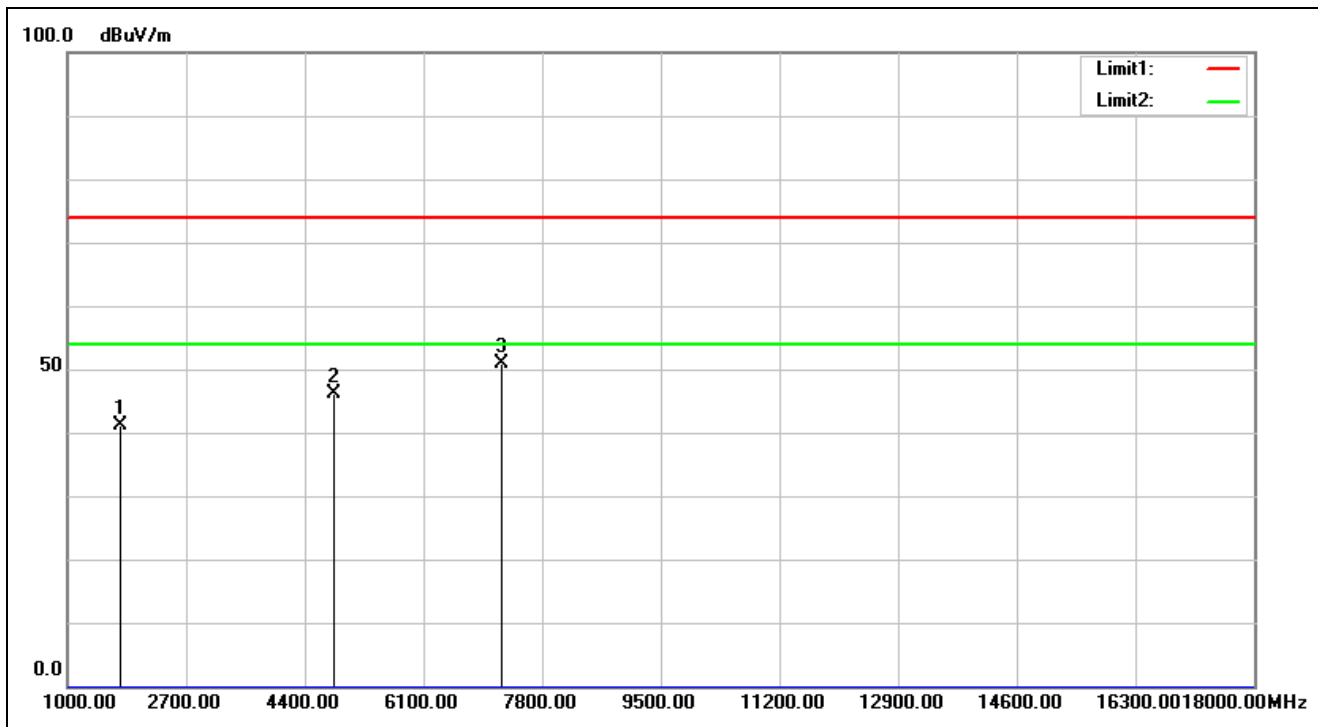
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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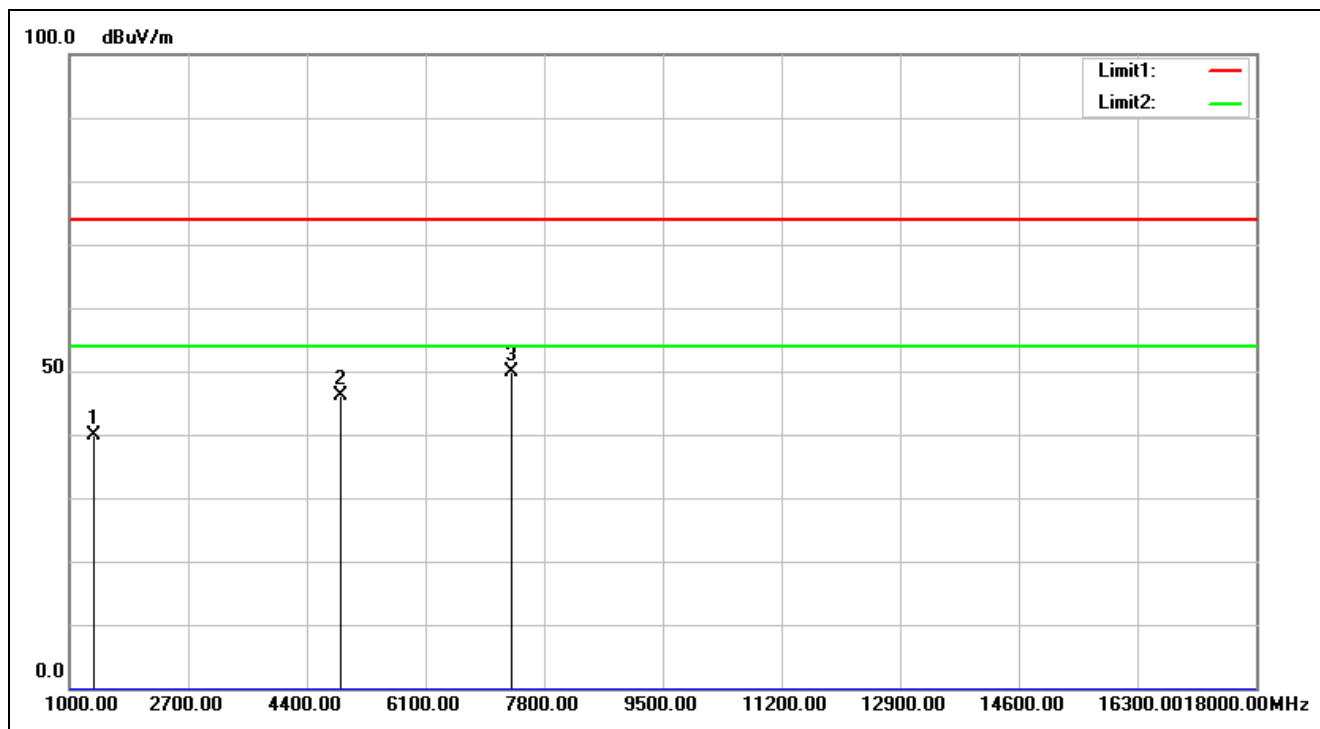
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 10:45:04
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1714.000	-8.90	50.21	41.31	74.00	-32.69	peak	100	9	
2	4804.000	-2.35	48.22	45.87	74.00	-28.13	peak		0	
3	7206.000	5.78	44.33	50.11	74.00	-23.89	peak		0	



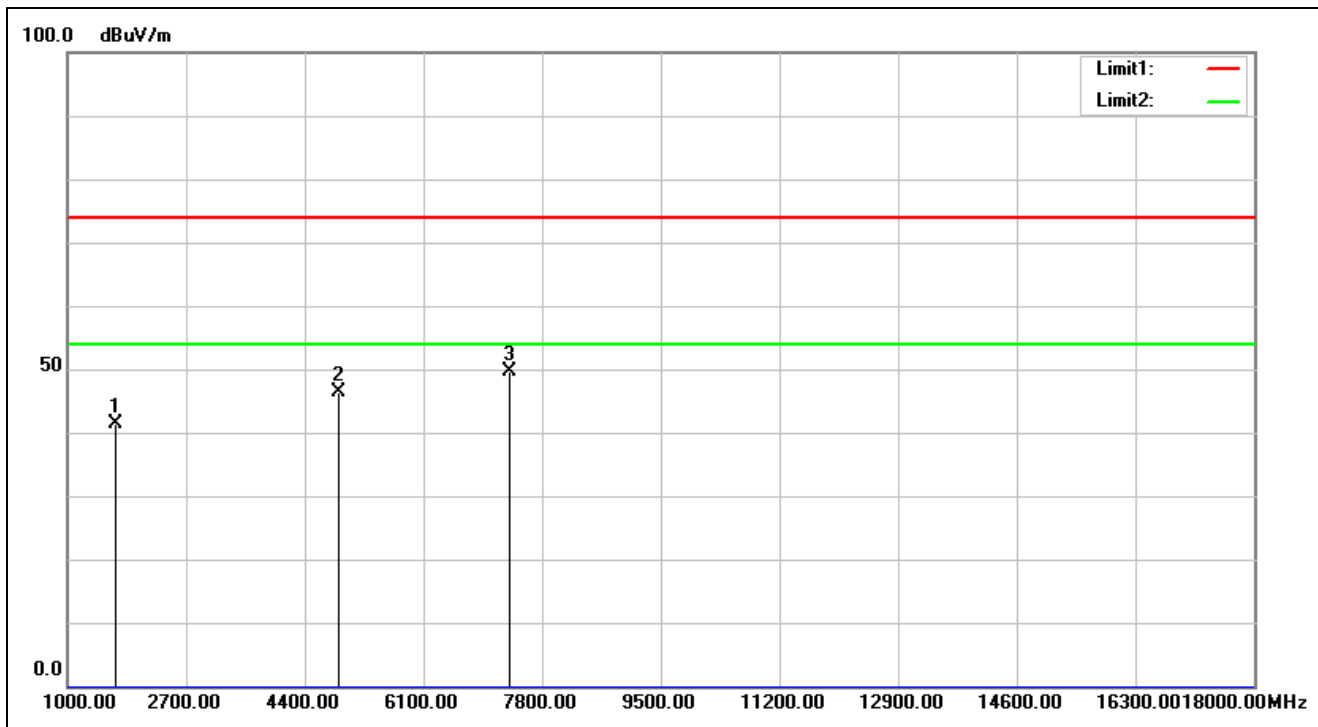
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 10:46:07
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1765.000	-8.59	49.68	41.09	74.00	-32.91	peak	100	56	
2	4804.000	-2.35	48.46	46.11	74.00	-27.89	peak		0	
3	7206.000	5.78	45.08	50.86	74.00	-23.14	peak		0	



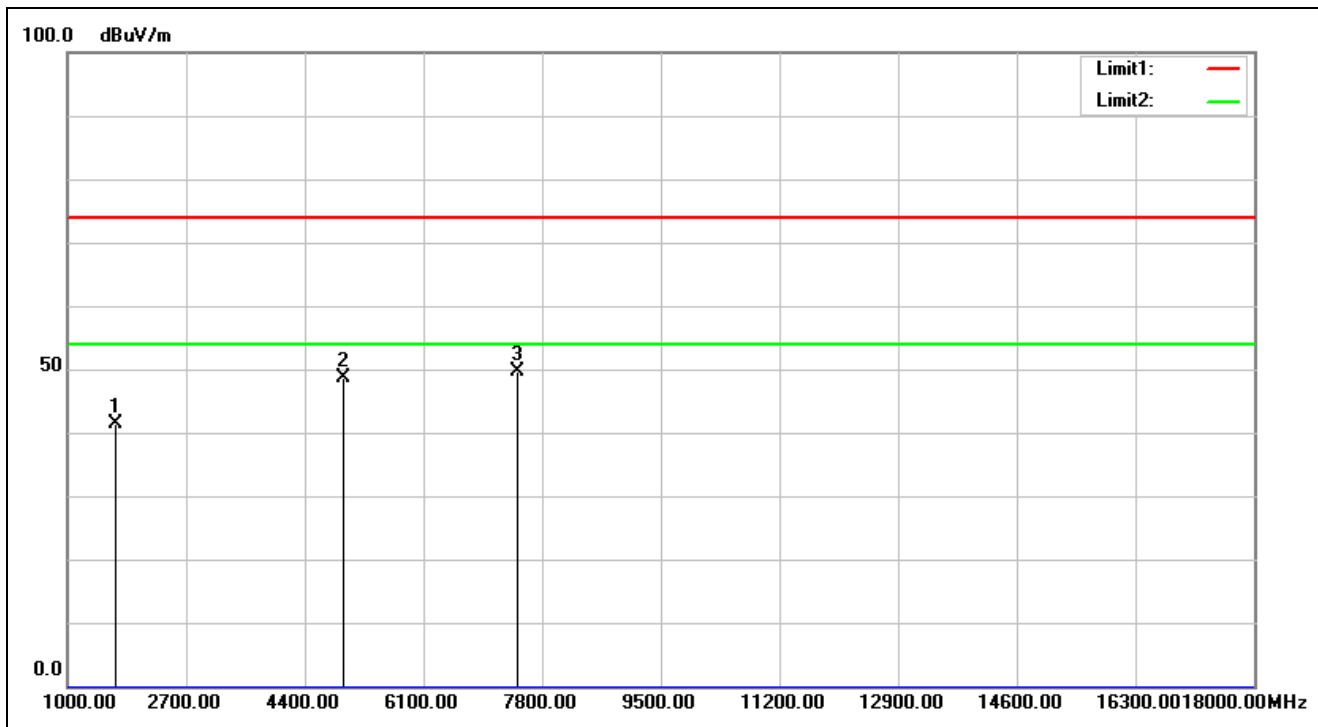
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 10:51:08
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1357.000	-9.94	49.73	39.79	74.00	-34.21	peak	100	0	
2	4880.000	-2.16	48.24	46.08	74.00	-27.92	peak		0	
3	7320.000	6.12	43.66	49.78	74.00	-24.22	peak		0	



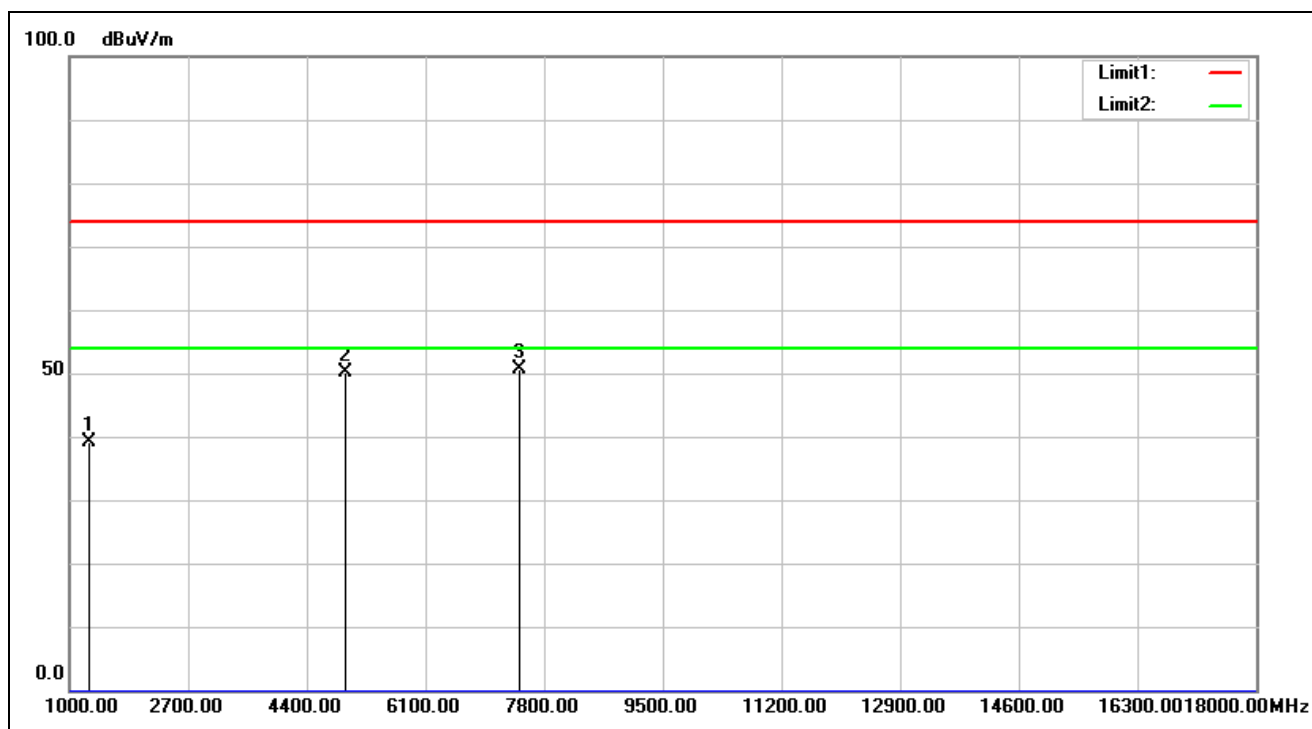
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 10:52:11
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1680.000	-9.11	50.42	41.31	74.00	-32.69	peak	100	1	
2	4880.000	-2.16	48.57	46.41	74.00	-27.59	peak		0	
3	7320.000	6.12	43.49	49.61	74.00	-24.39	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 10:55:24
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1697.000	-9.01	50.38	41.37	74.00	-32.63	peak	100	108	
2	4960.000	-1.97	50.68	48.71	74.00	-25.29	peak		0	
3	7440.000	6.47	43.12	49.59	74.00	-24.41	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 10:56:27
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1272.000	-9.77	48.84	39.07	74.00	-34.93	peak	100	360	
2	4960.000	-1.97	52.00	50.03	74.00	-23.97	peak	100	229	
3	7440.000	6.47	44.12	50.59	74.00	-23.41	peak		0	

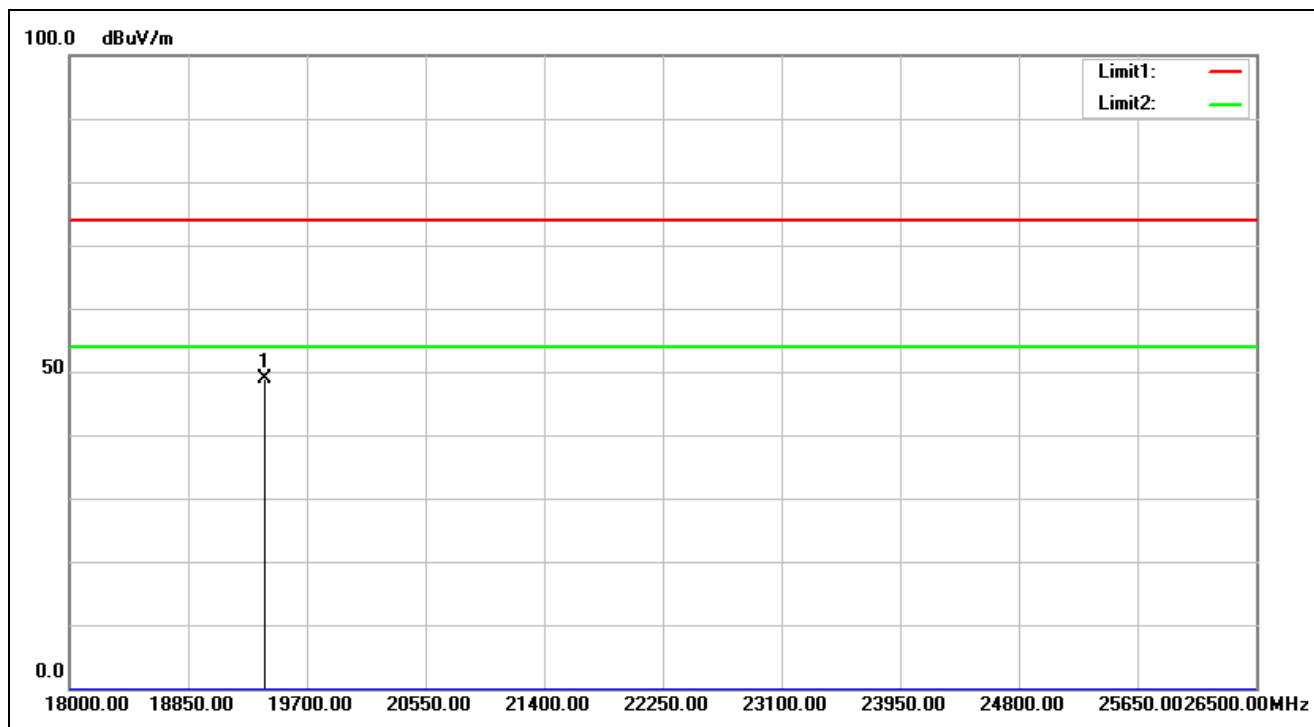
Spurious Emissions, TX Mode, 18-26G



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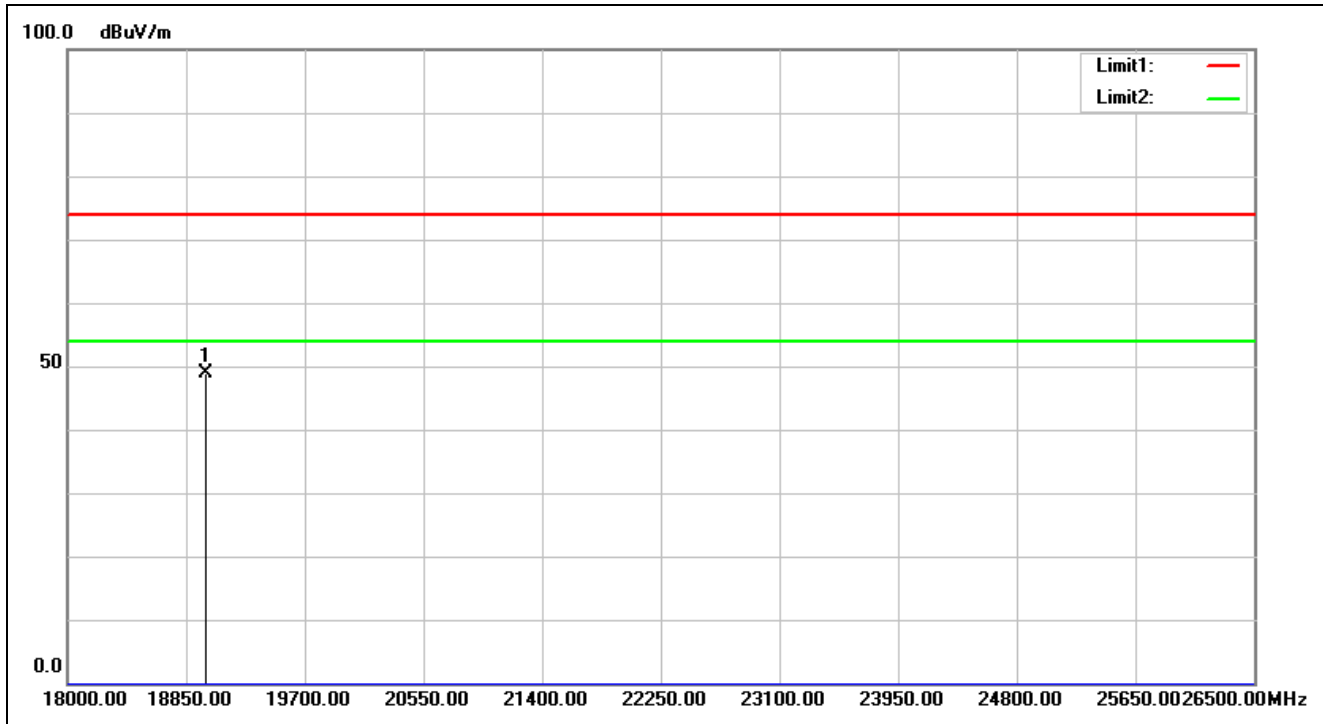
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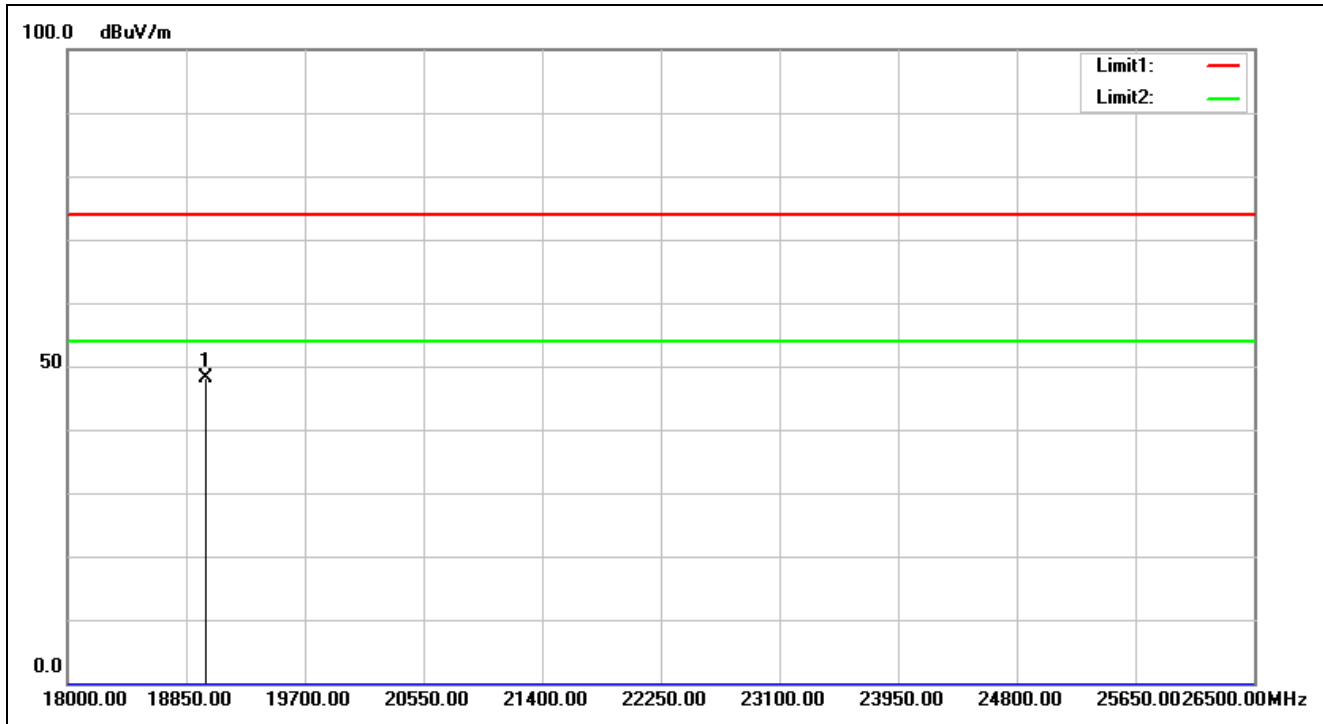
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:55:46
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19402.500	28.94	19.89	48.83	74.00	-25.17	peak		0	



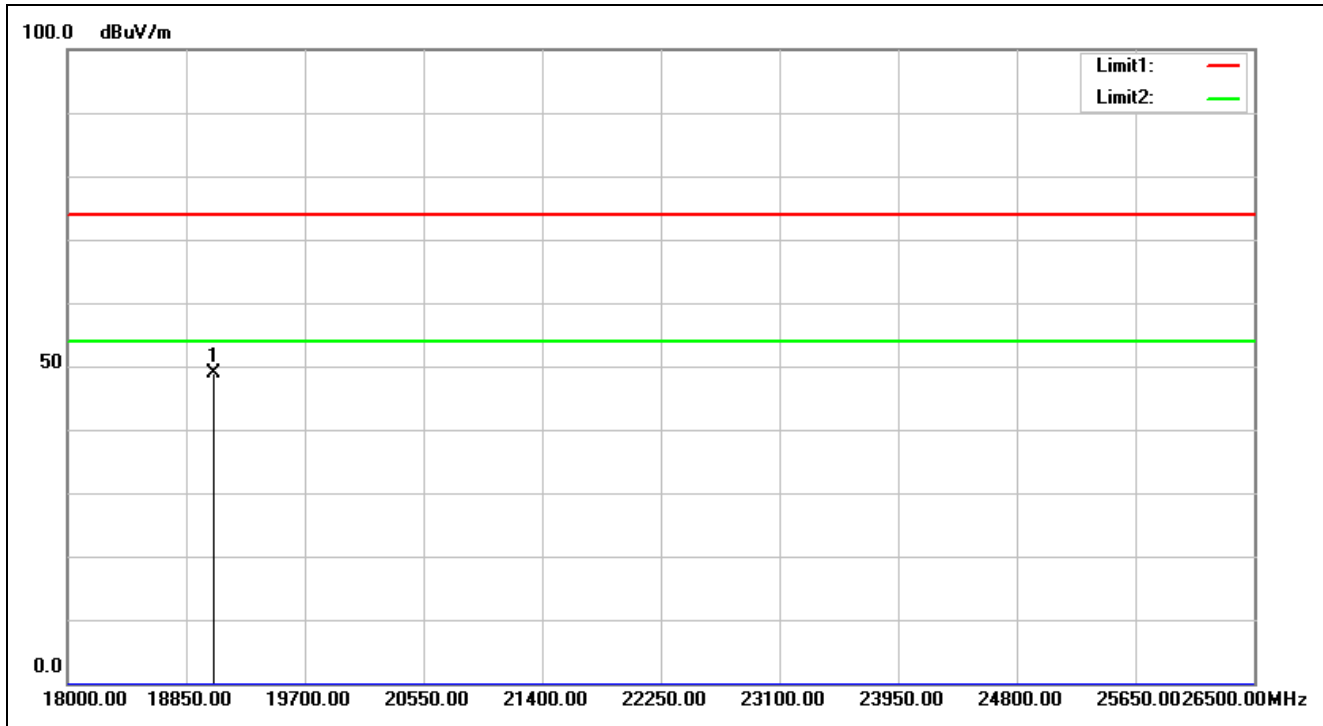
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:56:00
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	18986.000	28.87	20.07	48.94	74.00	-25.06	peak		0	



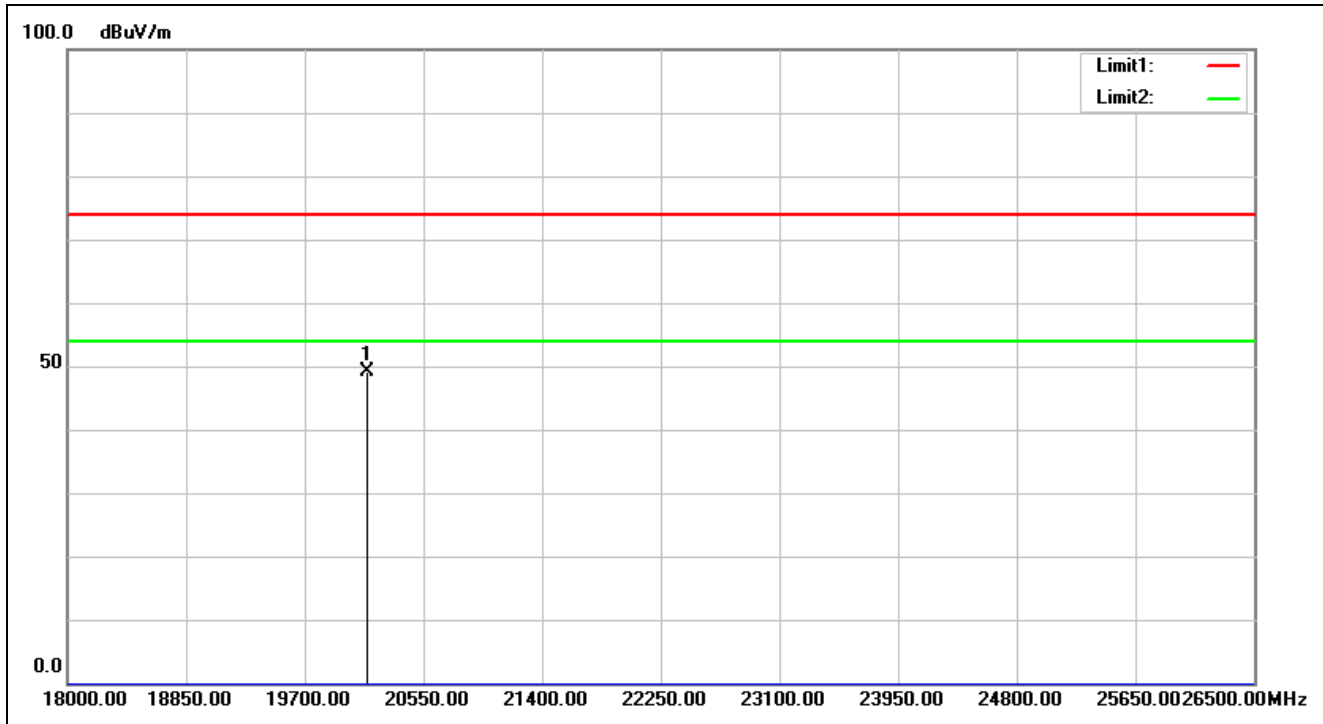
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:56:15
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	18994.500	28.88	19.23	48.11	74.00	-25.89	peak		0	



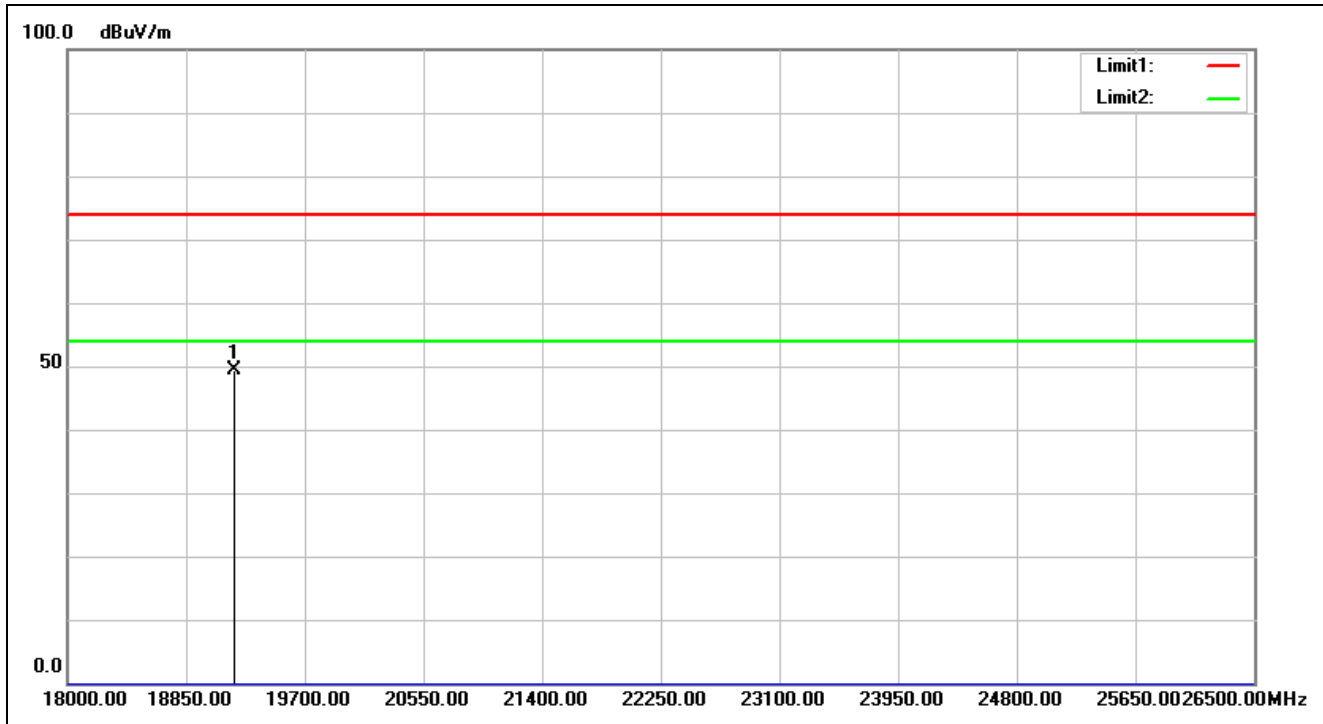
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:56:32
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19045.500	28.90	19.96	48.86	74.00	-25.14	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:56:48
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	20150.500	29.03	20.03	49.06	74.00	-24.94	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:57:01
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19190.000	28.91	20.39	49.30	74.00	-24.70	peak		0	

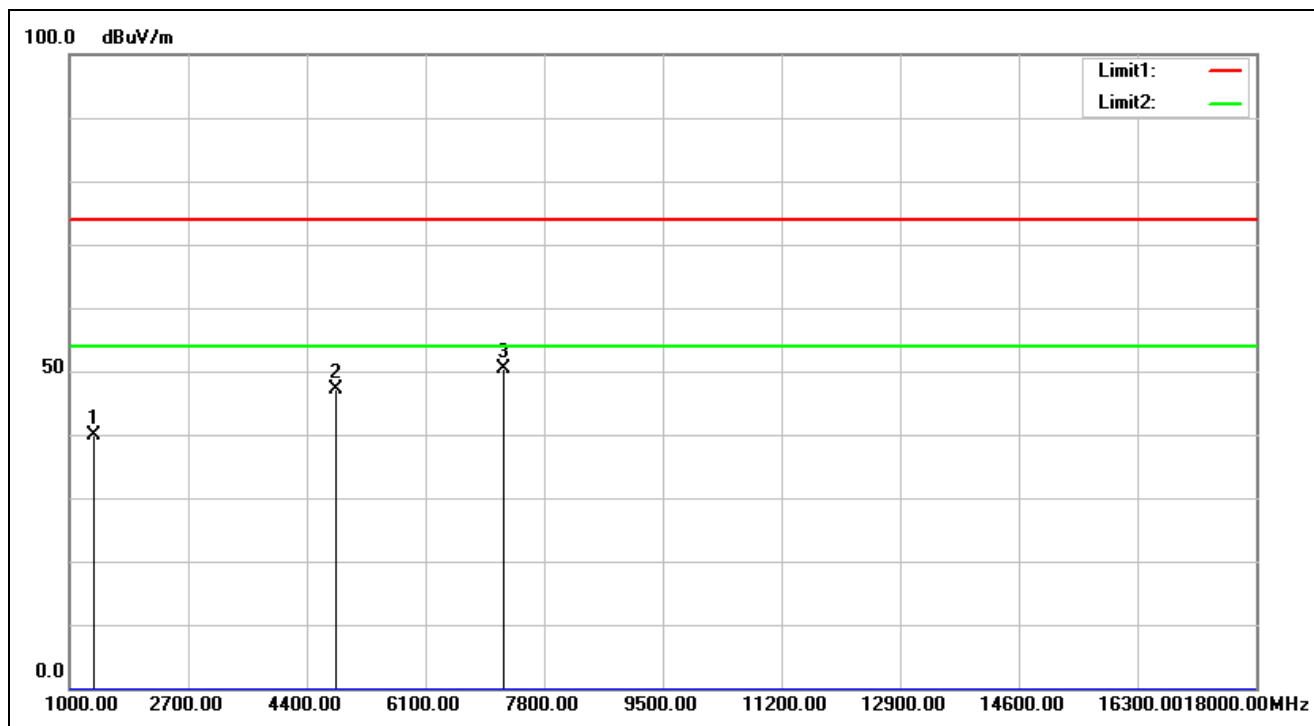
Spurious Emissions, TX Mode, For IC,1-18G



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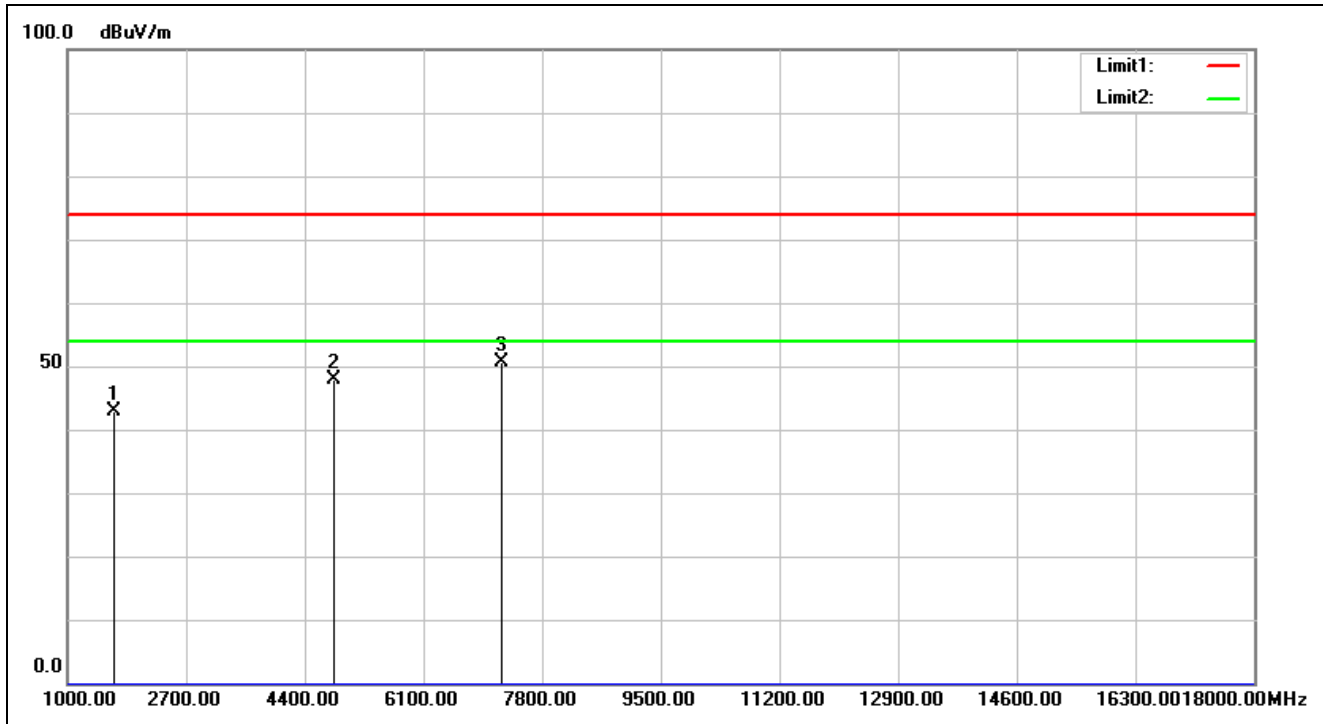
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114033390-IC	Test Distance:	3m
Test Standard:	IC-Above 1G PEAK-H1.5m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 14:23:07
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1357.000	-9.94	49.84	39.90	74.00	-34.10	peak	100	334	
2	4804.000	-2.35	49.54	47.19	74.00	-26.81	peak		0	
3	7206.000	5.78	44.68	50.46	74.00	-23.54	peak		0	

Spurious Emissions, TX Mode, 18-26G



Service No.:	114033390-IC	Test Distance:	3m
Test Standard:	IC-Above 1G PEAK-H1.5m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 14:25:26
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1663.000	-9.22	52.14	42.92	74.00	-31.08	peak	132	0	
2	4804.000	-2.35	50.17	47.82	74.00	-26.18	peak		0	
3	7206.000	5.78	44.87	50.65	74.00	-23.35	peak		0	

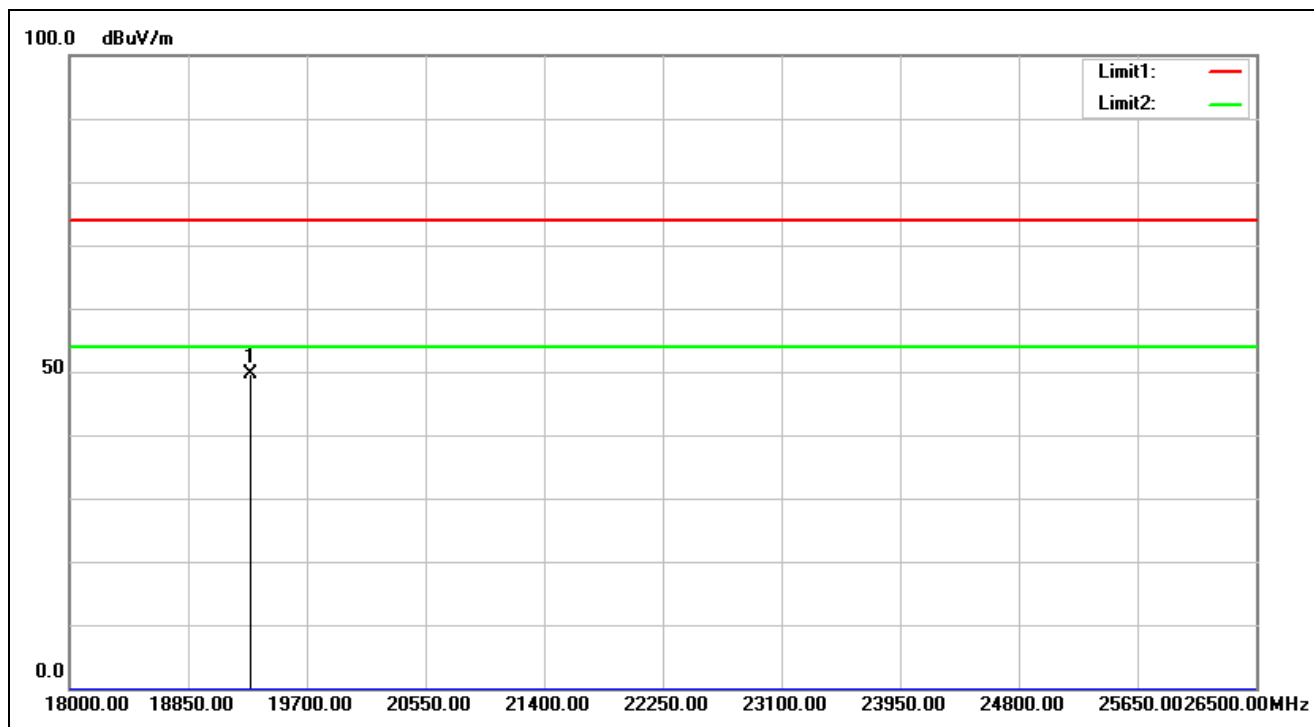
Spurious Emissions, TX Mode, For IC,18-26G



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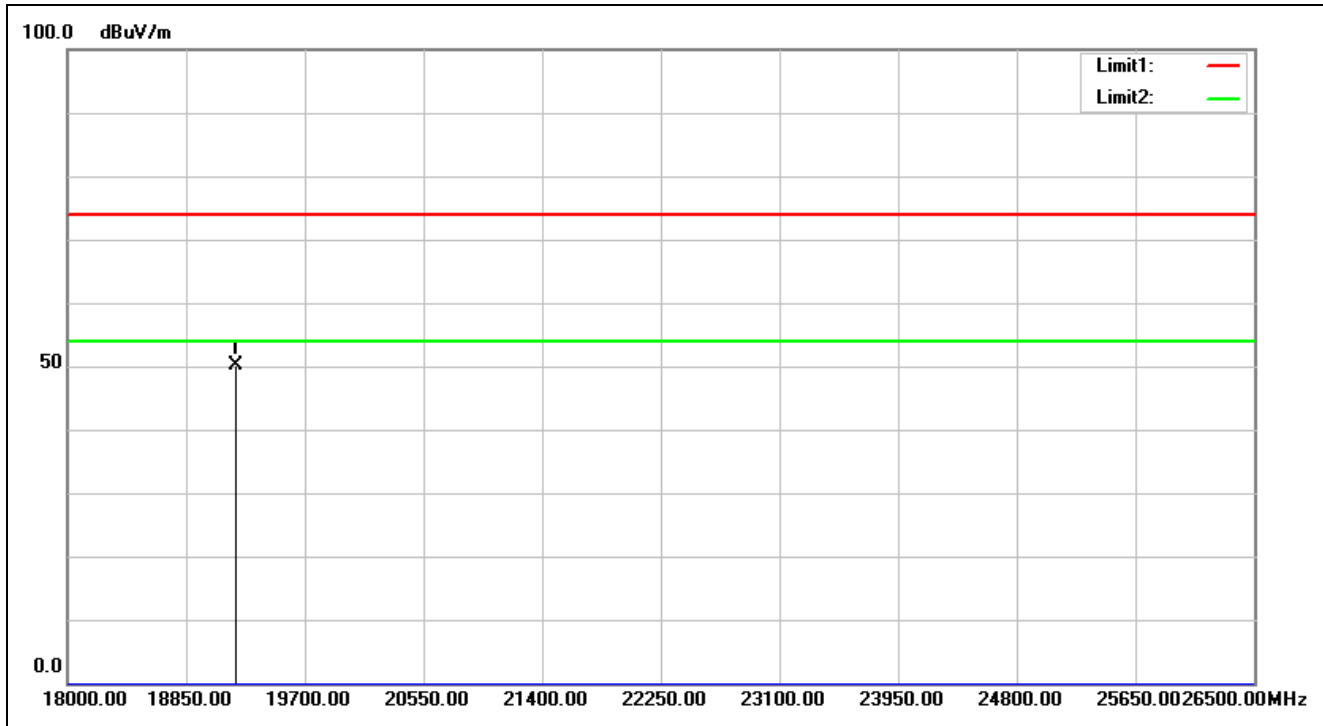
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Service No.:	114033390-IC	Test Distance:	3m
Test Standard:	IC-Above 1G PEAK-H1.5m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 14:37:30
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19300.500	28.93	20.69	49.62	74.00	-24.38	peak	100	56	



Service No.:	114033390-IC	Test Distance:	3m
Test Standard:	IC-Above 1G PEAK-H1.5m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 14:38:33
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19207.000	28.91	21.21	50.12	74.00	-23.88	peak	100	161	

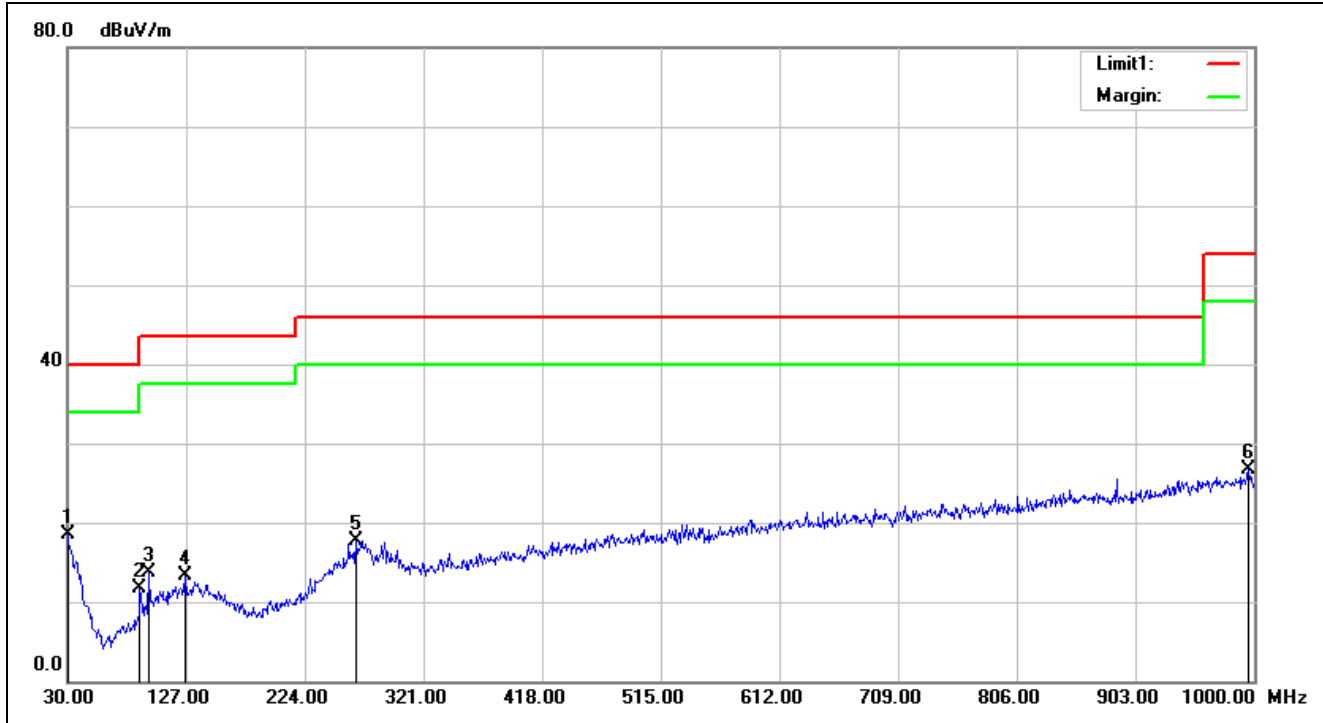
Spurious Emissions, TX Mode, 30M-1G



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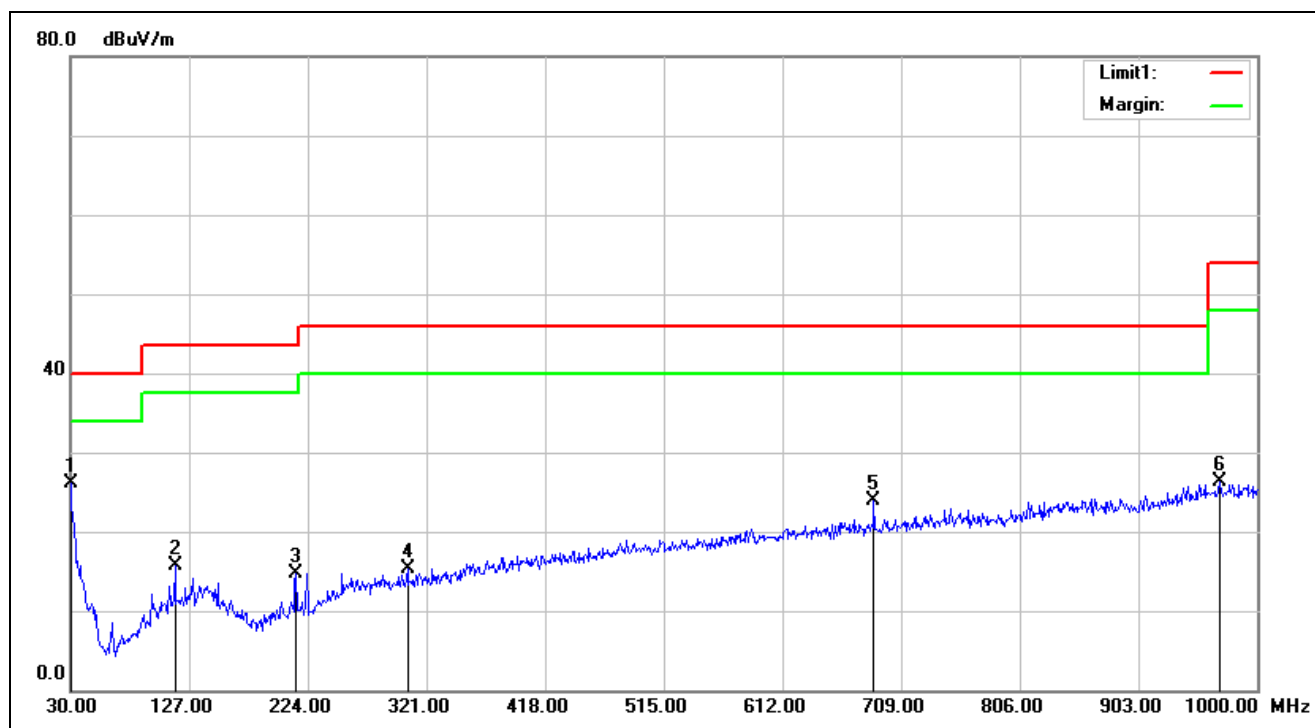
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 13:18:14
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	-5.83	24.43	18.60	40.00	-21.40	QP	400	152	
2	89.1700	-16.60	28.36	11.76	43.50	-31.74	QP	400	166	
3	95.9599	-15.43	29.15	13.72	43.50	-29.78	QP	300	213	
4	126.0300	-12.76	25.97	13.21	43.50	-30.29	QP	300	247	
5	265.7100	-11.10	28.78	17.68	46.00	-28.32	QP	200	288	
6	995.1500	-0.05	26.71	26.66	54.00	-27.34	QP	100	301	

Spurious Emissions, RX Mode, 1-18G



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 13:20:33
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	-5.83	32.00	26.17	40.00	-13.83	QP	100	103	
2	115.3600	-13.23	28.92	15.69	43.50	-27.81	QP	100	182	
3	214.3000	-14.32	29.04	14.72	43.50	-28.78	QP	100	173	
4	305.4800	-10.37	25.63	15.26	46.00	-30.74	QP	100	256	
5	686.6900	-5.17	29.16	23.99	46.00	-22.01	QP	100	142	
6	968.9600	-0.34	26.56	26.22	54.00	-27.78	QP	100	221	

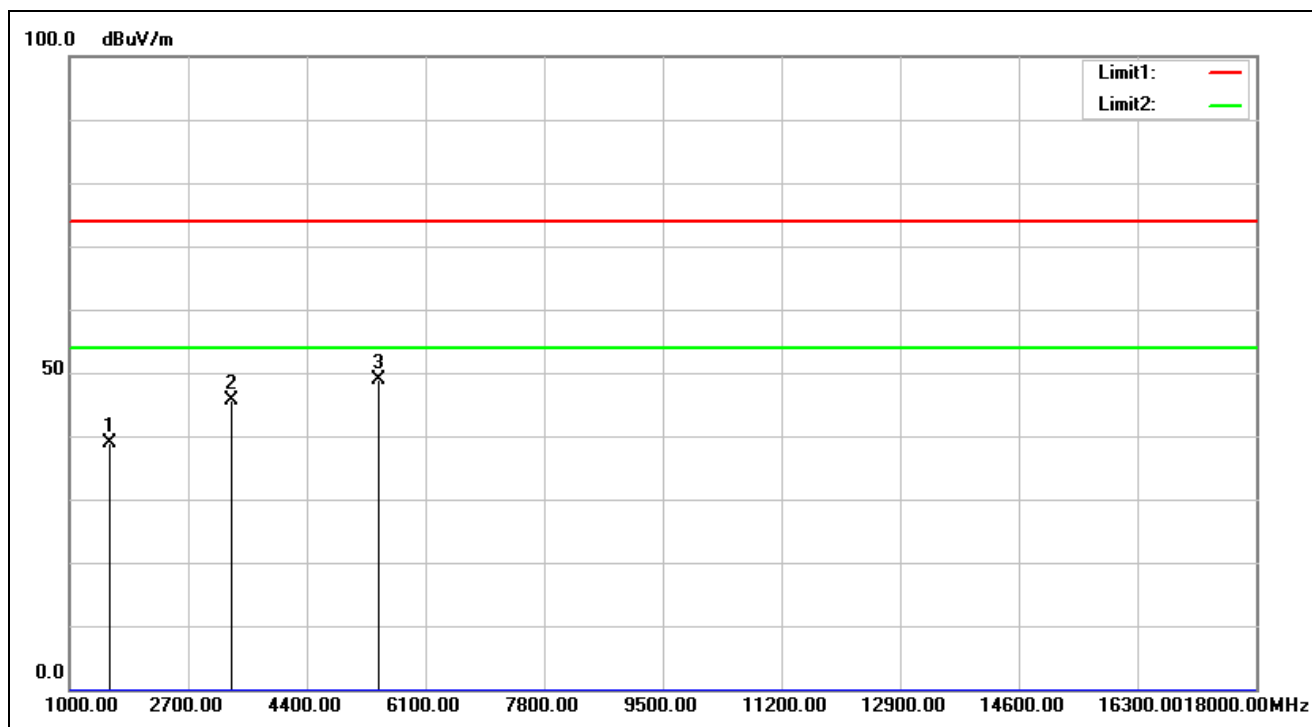
Spurious Emissions, RX Mode, 1-18G



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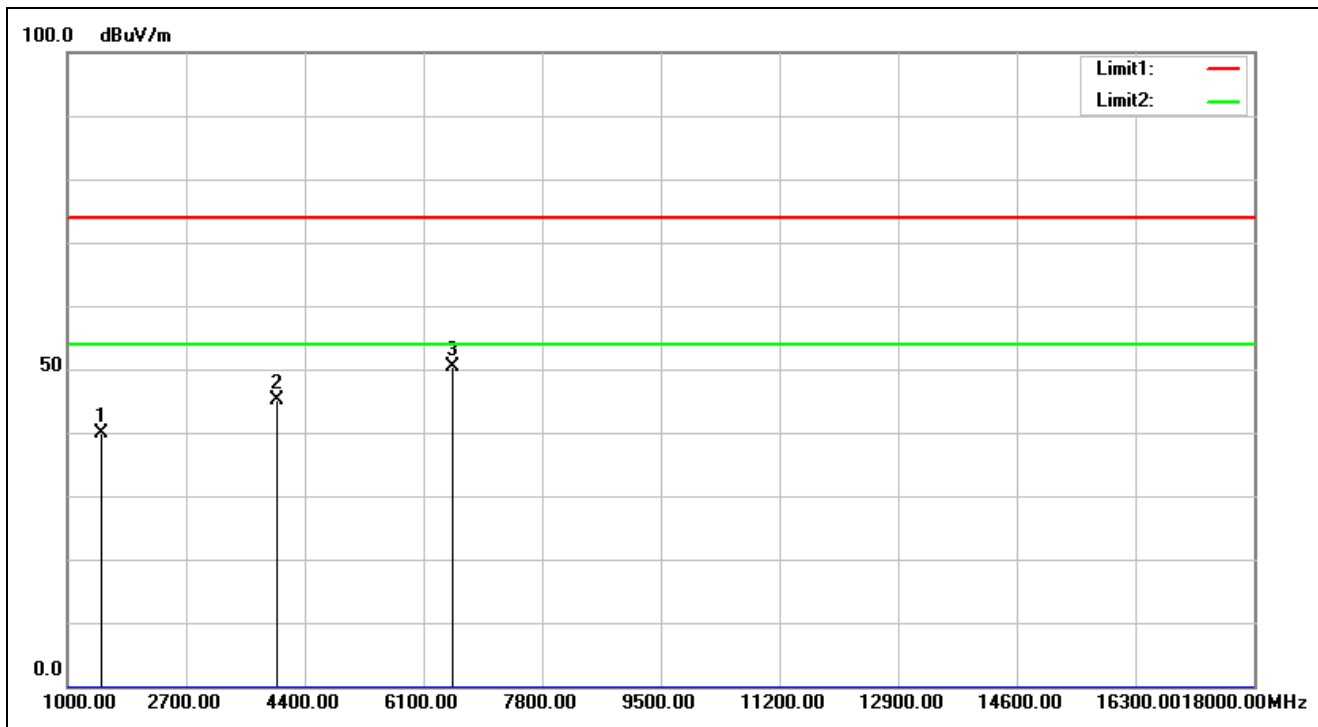
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Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:02:08
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2402-RX		
Remark:			

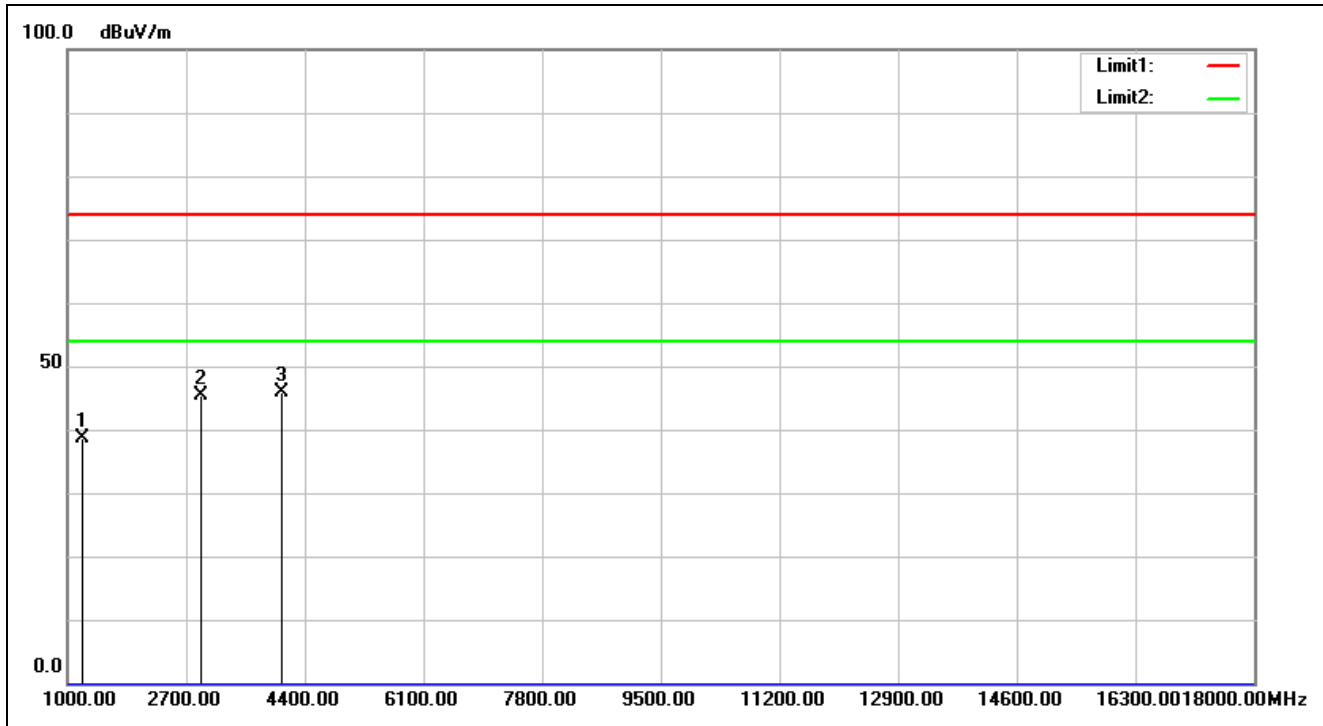
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1578.000	-10.70	49.57	38.87	74.00	-35.13	peak	100	272	
2	3329.000	-6.34	51.92	45.58	74.00	-28.42	peak	100	175	
3	5420.000	-0.65	49.55	48.90	74.00	-25.10	peak	100	346	

Spurious Emissions, RX Mode, 1-18G



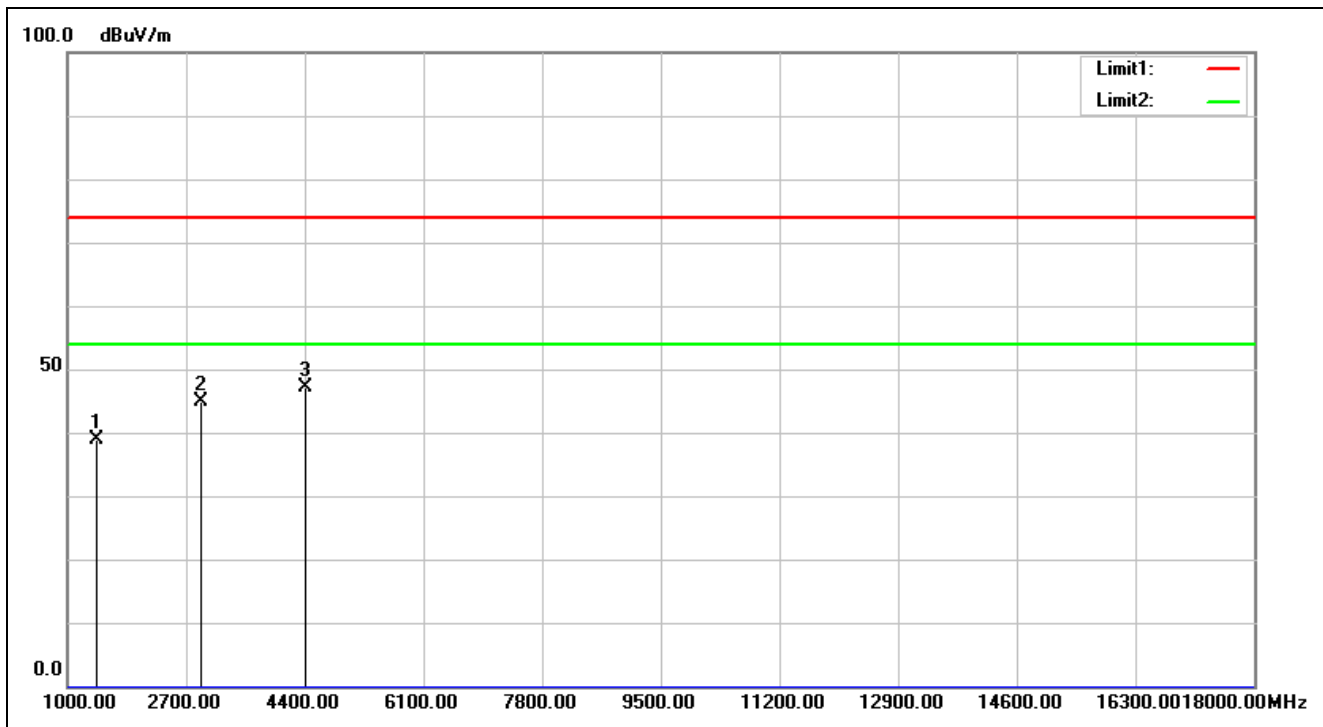
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:03:11
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2402-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1476.000	-11.12	50.92	39.80	74.00	-34.20	peak	100	11	
2	4009.000	-5.34	50.51	45.17	74.00	-28.83	peak	100	58	
3	6508.000	4.98	45.31	50.29	74.00	-23.71	peak	100	293	



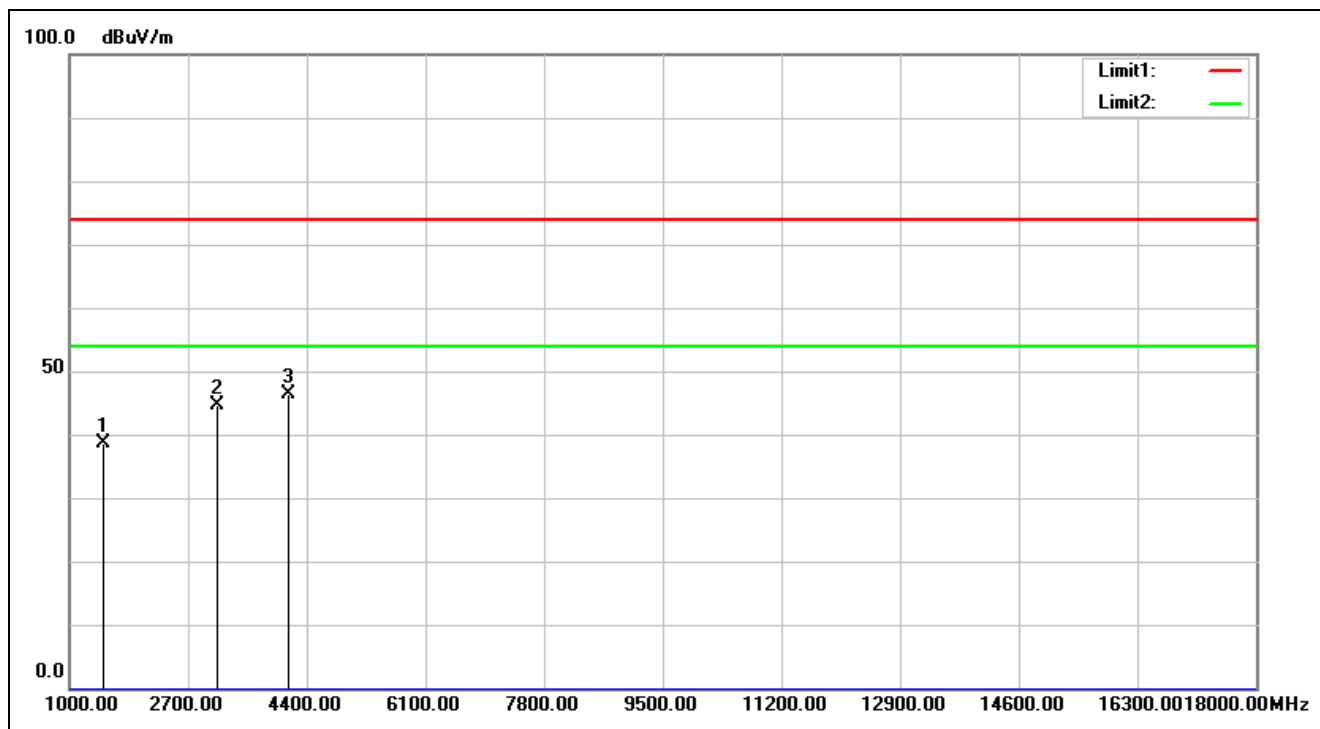
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:05:13
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1221.000	-10.63	49.22	38.59	74.00	-35.41	peak	100	106	
2	2921.000	-6.71	52.11	45.40	74.00	-28.60	peak	100	29	
3	4077.000	-5.09	51.08	45.99	74.00	-28.01	peak	100	203	



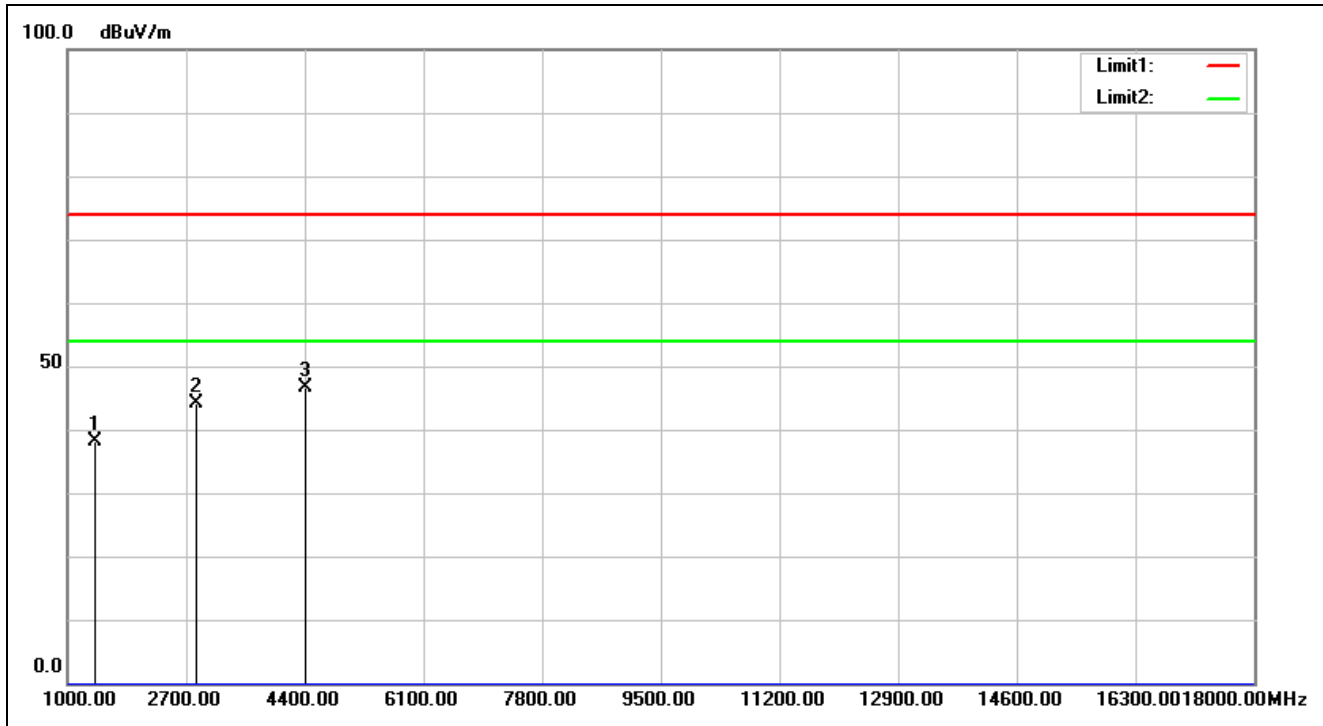
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:06:16
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	1408.000	-10.99	49.76	38.77	74.00	-35.23	peak	100	312	
2	2921.000	-6.71	51.55	44.84	74.00	-29.16	peak	100	356	
3	4417.000	-3.85	50.87	47.02	74.00	-26.98	peak	100	110	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:08:04
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1493.000	-11.16	49.88	38.72	74.00	-35.28	peak	100	308	
2	3108.000	-6.48	51.03	44.55	74.00	-29.45	peak	100	258	
3	4145.000	-4.84	51.28	46.44	74.00	-27.56	peak	100	194	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:09:07
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1391.000	-10.96	49.00	38.04	74.00	-35.96	peak	100	348	
2	2853.000	-6.85	51.05	44.20	74.00	-29.80	peak	100	174	
3	4400.000	-3.92	50.44	46.52	74.00	-27.48	peak	100	221	

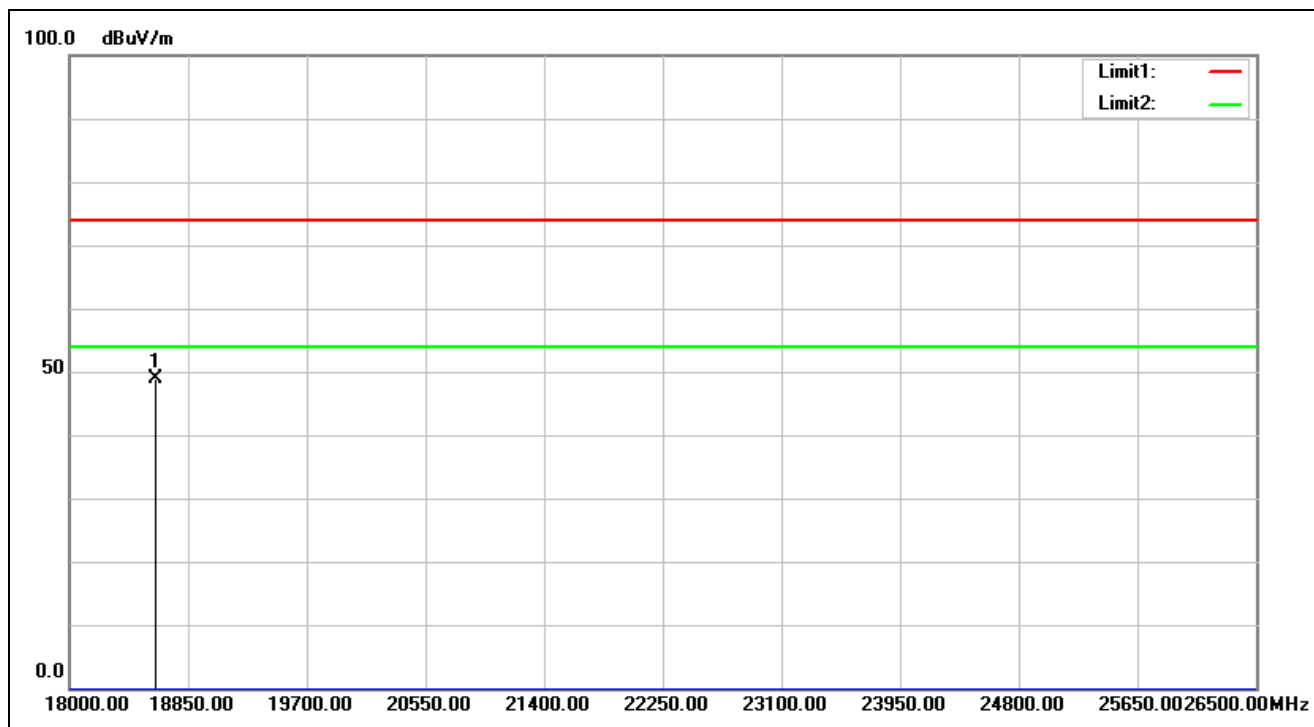
Spurious Emissions, RX Mode, 18-26G



TUV Taiwan

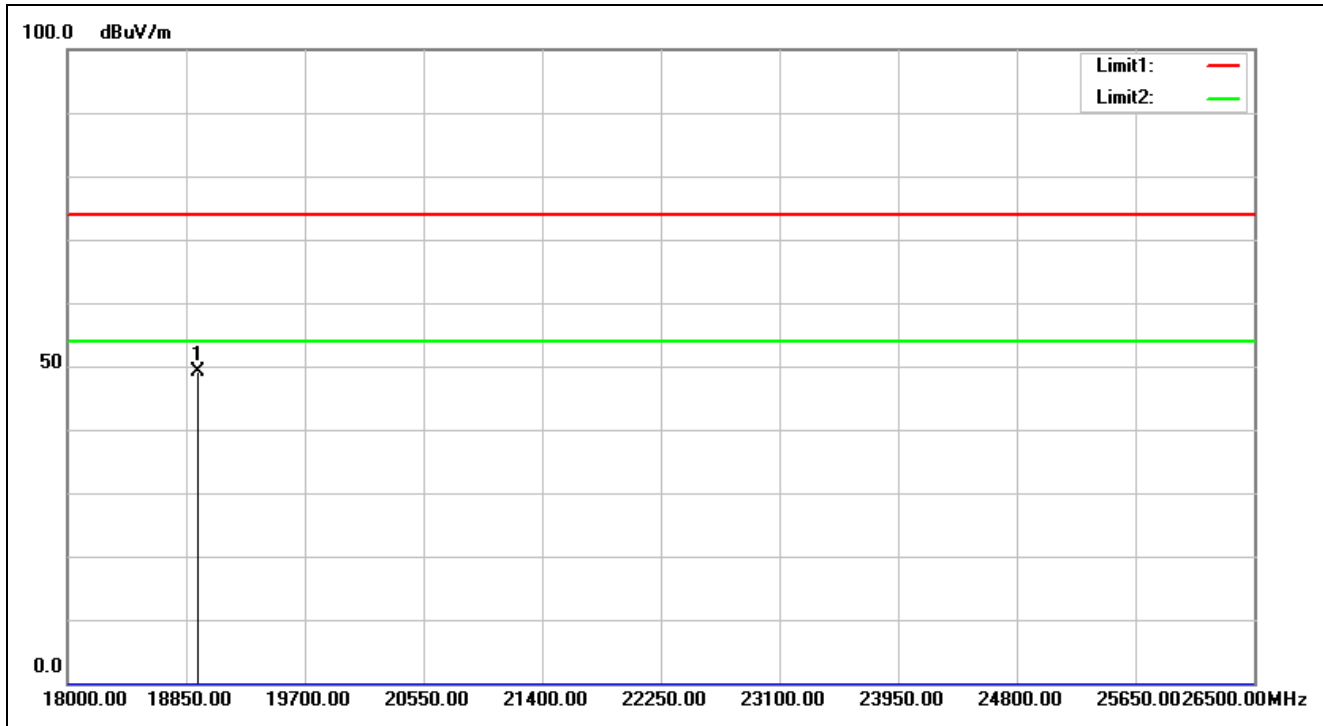
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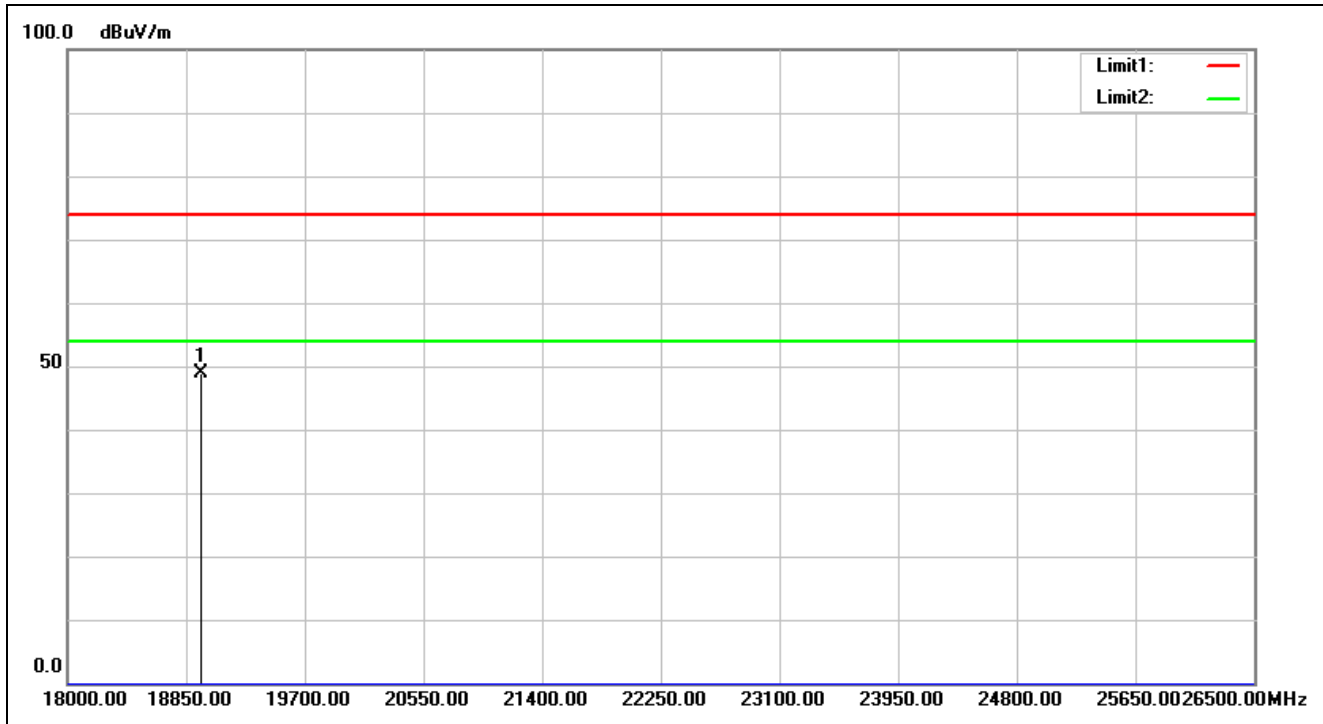
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:57:28
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2402-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18620.500	28.46	20.48	48.94	74.00	-25.06	peak		0	



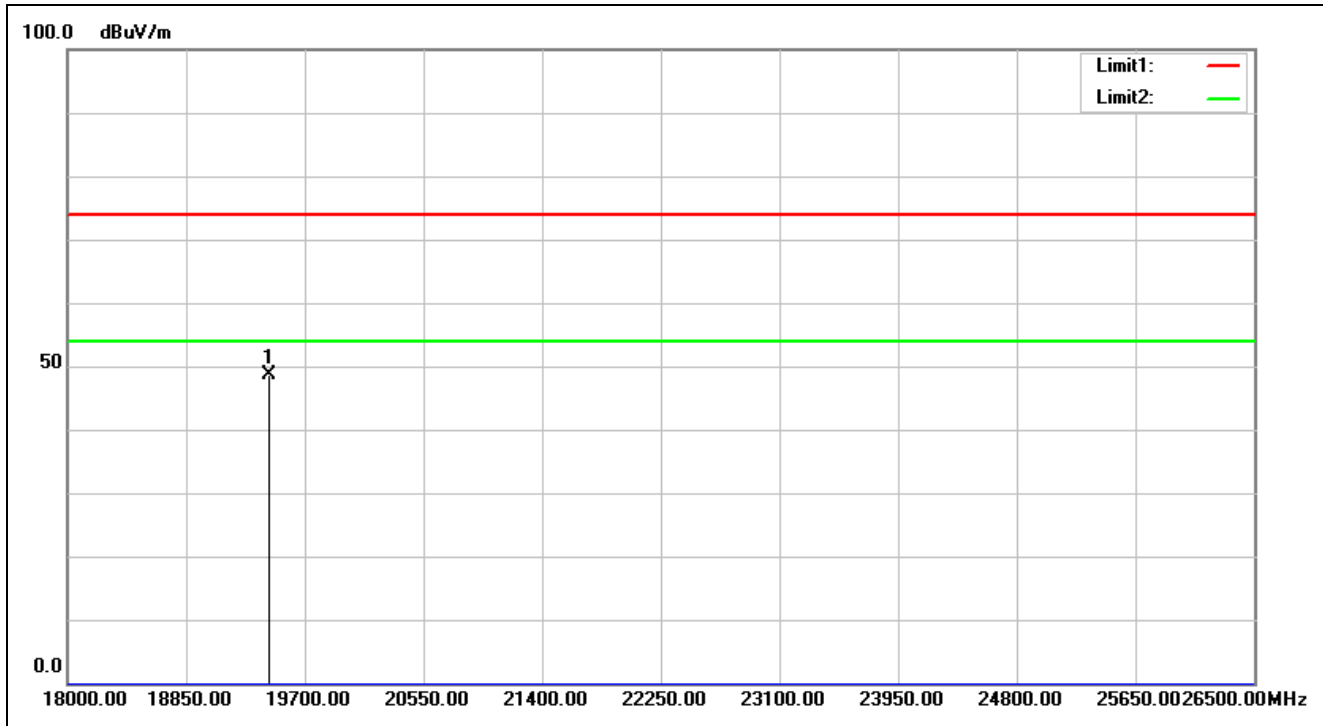
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:57:39
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2402-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18935.000	28.82	20.37	49.19	74.00	-24.81	peak		0	



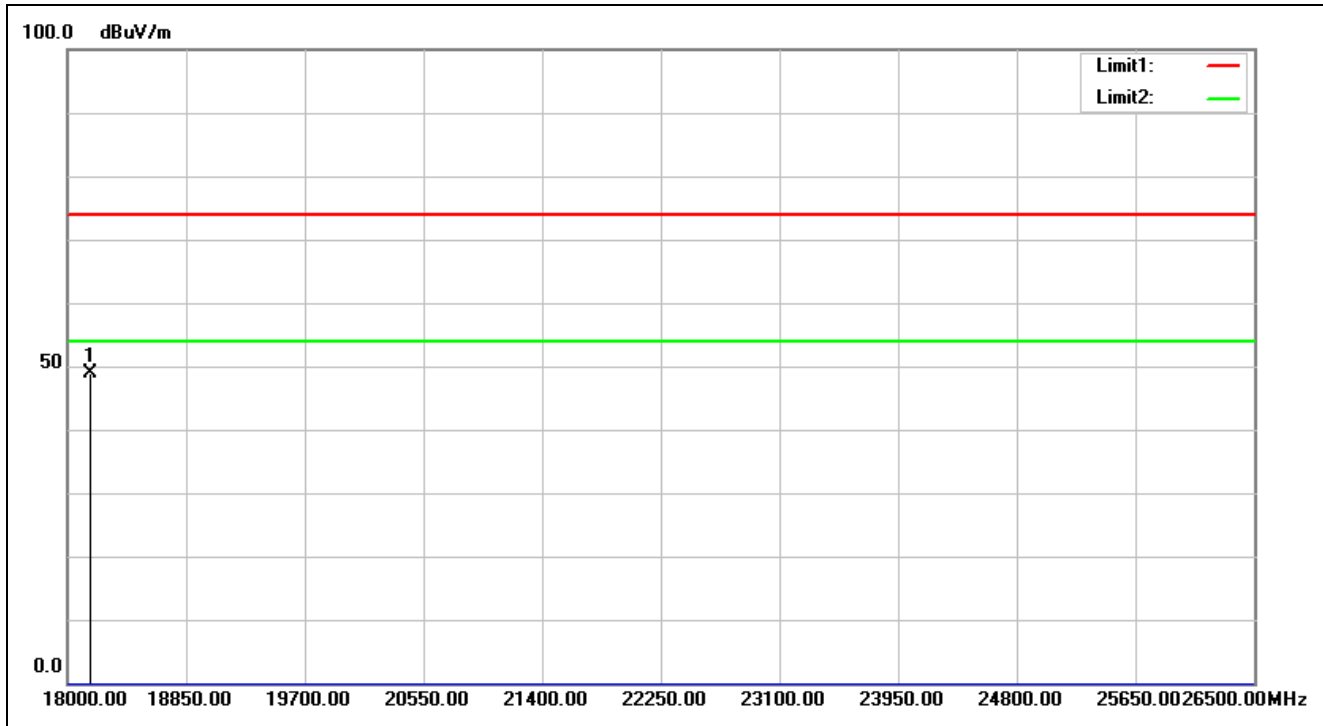
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:57:56
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	18960.500	28.84	20.09	48.93	74.00	-25.07	peak		0	



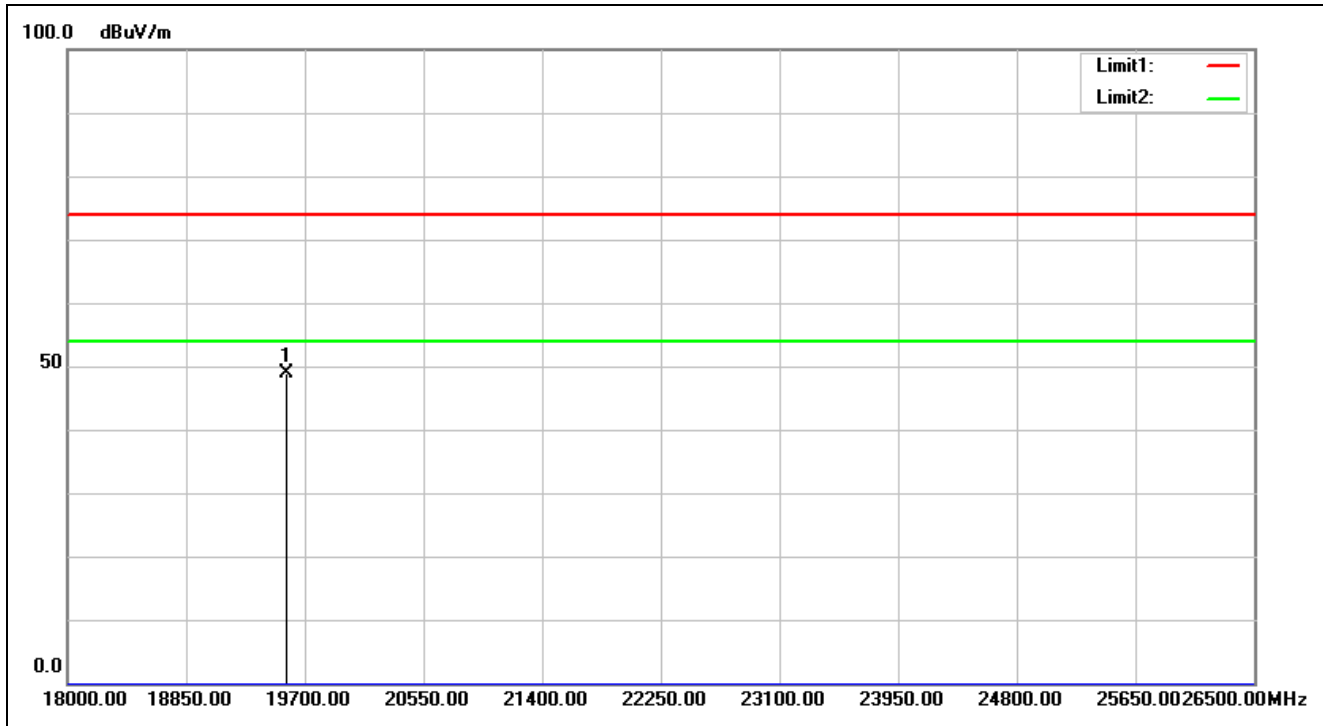
Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:58:08
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	19445.000	28.95	19.74	48.69	74.00	-25.31	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 11:58:24
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18161.500	28.21	20.62	48.83	74.00	-25.17	peak		0	



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 11:58:36
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	2480-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19572.500	28.94	19.91	48.85	74.00	-25.15	peak		0	

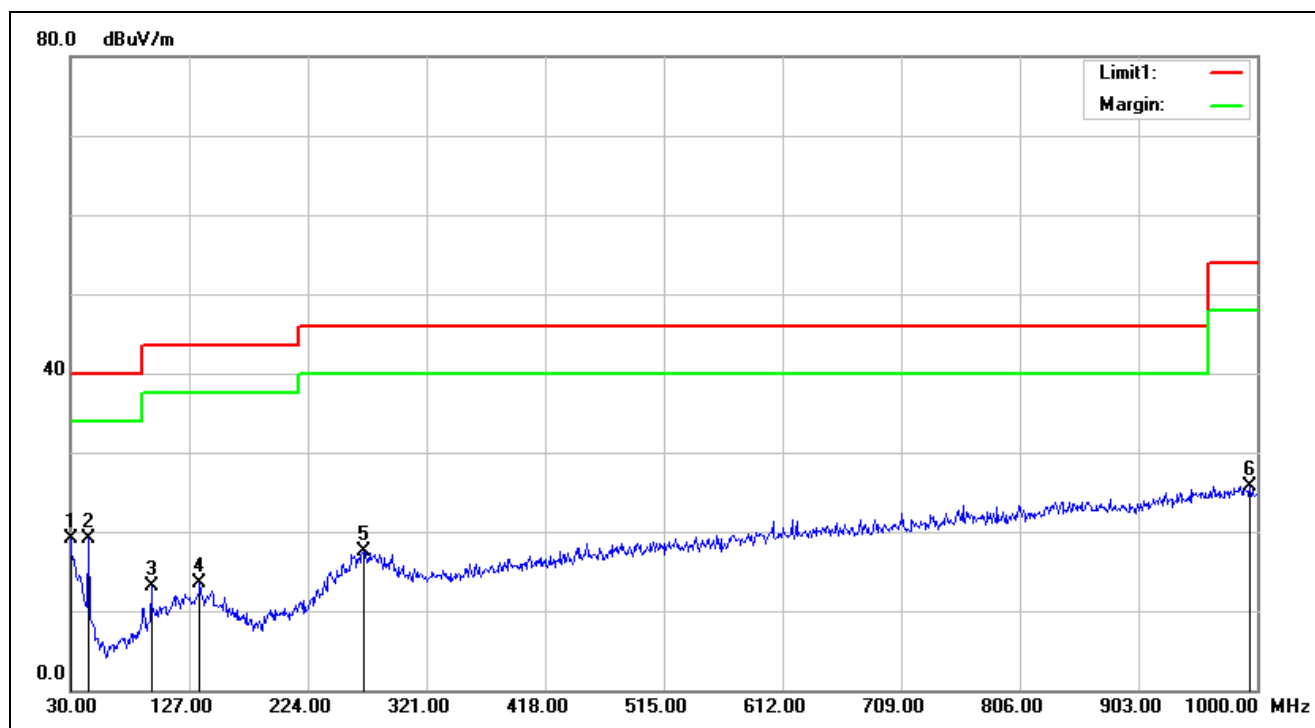
Spurious Emissions, RX Mode, 30M-1G



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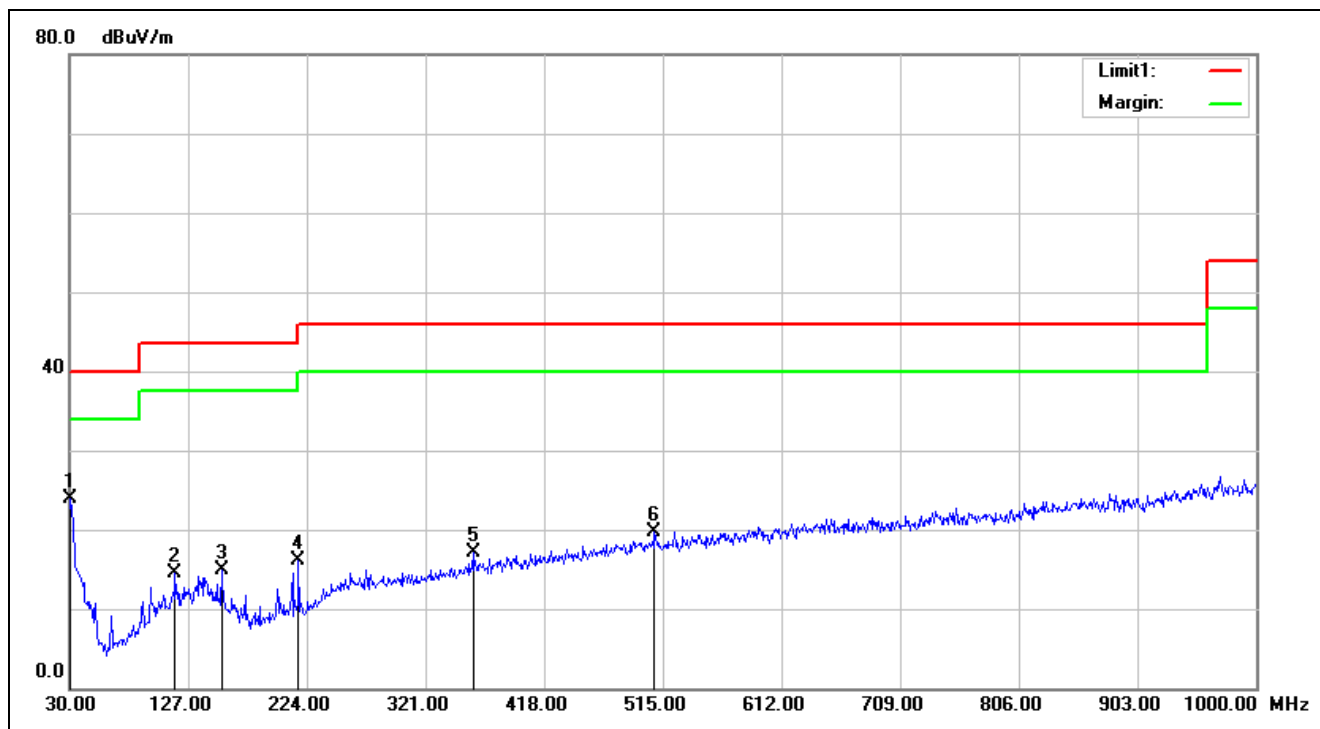
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Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2015/5/18 13:23:31
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%):	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	-5.83	24.96	19.13	40.00	-20.87	QP	200	144	
2	44.5500	-13.98	33.02	19.04	40.00	-20.96	QP	185	360	
3	95.9599	-15.43	28.54	13.11	43.50	-30.39	QP	200	360	
4	135.7300	-12.64	26.05	13.41	43.50	-30.09	QP	200	33	
5	269.5899	-11.32	28.76	17.44	46.00	-28.56	QP	100	272	
6	994.1800	-0.05	25.75	25.70	54.00	-28.30	QP	200	115	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114033390-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2015/5/18 13:25:50
Applicant:	Precaster	Test Rating:	DC 3V
Product:	Laser Distance Meter	Temp.(°C)/Hum.(%)	25.8(°C)/40%
Model No.:	CA7100	Test Engineer:	Freeman Wang
Test Mode:	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	-5.83	29.81	23.98	40.00	-16.02	QP	106	360	
2	116.3300	-13.18	27.60	14.42	43.50	-29.08	QP	100	200	
3	154.1600	-13.46	28.45	14.99	43.50	-28.51	QP	100	8	
4	217.2100	-14.26	30.36	16.10	46.00	-29.90	QP	100	35	
5	359.8000	-9.23	26.38	17.15	46.00	-28.85	QP	197	360	
6	508.2100	-7.20	26.97	19.77	46.00	-26.23	QP	100	57	