

Test Report No.50113476 001

Appendix D: Radiated and Mains Spurious Emission Data

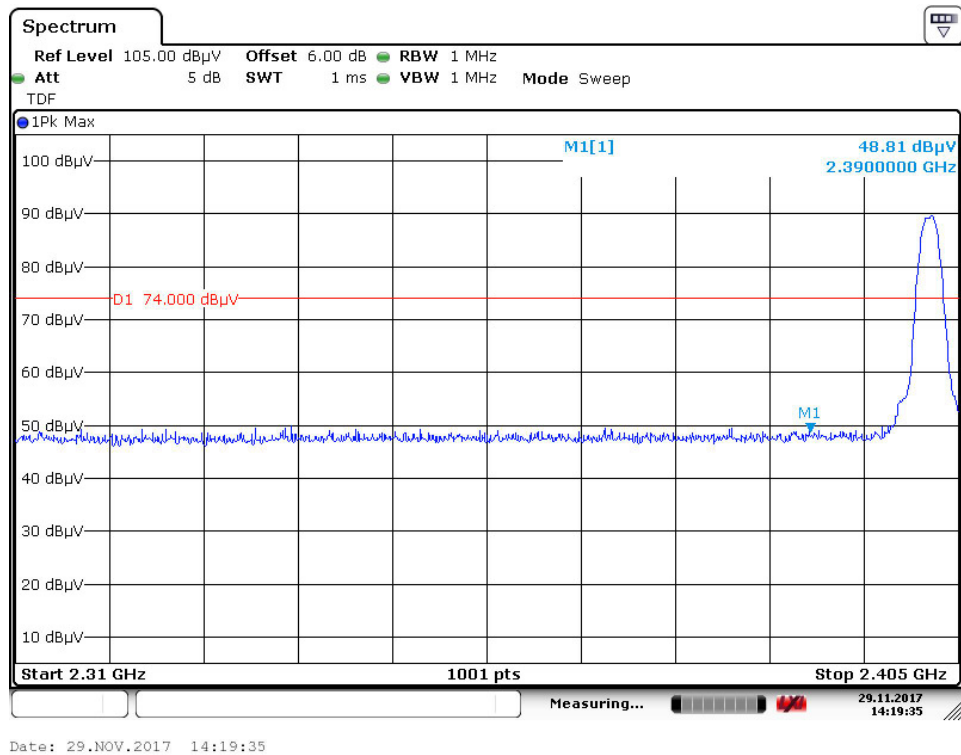
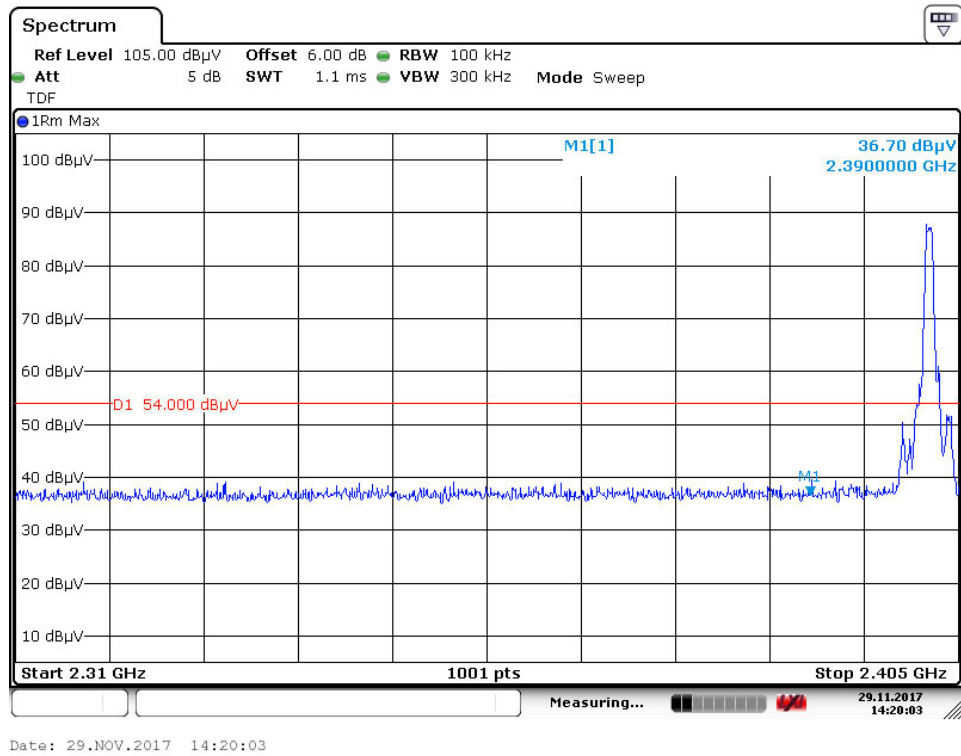
(File: 50113476AppendixD)

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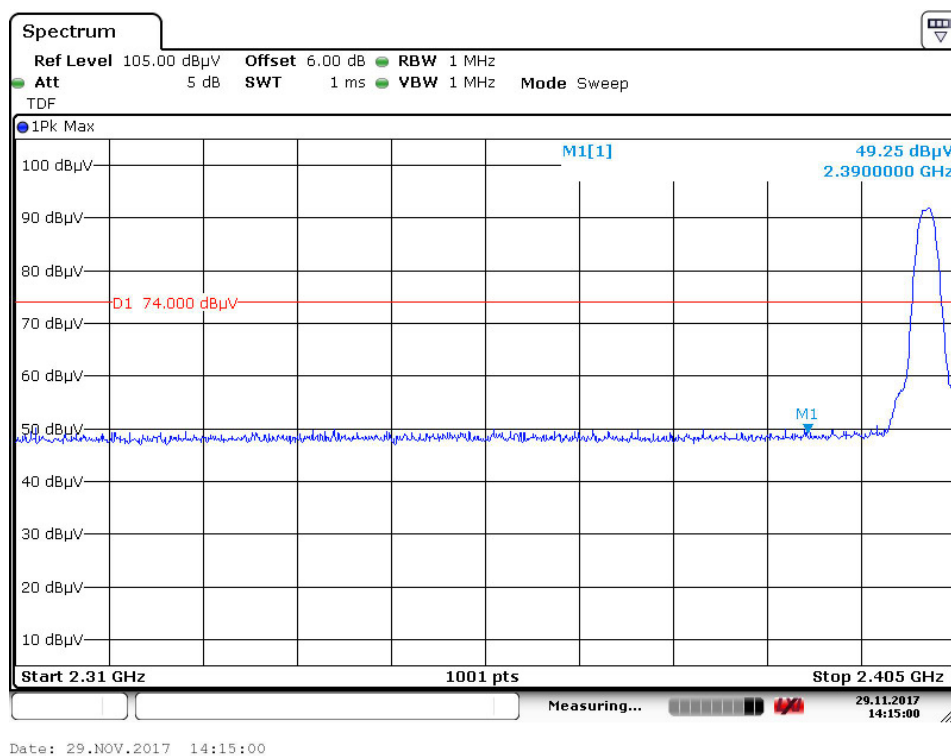
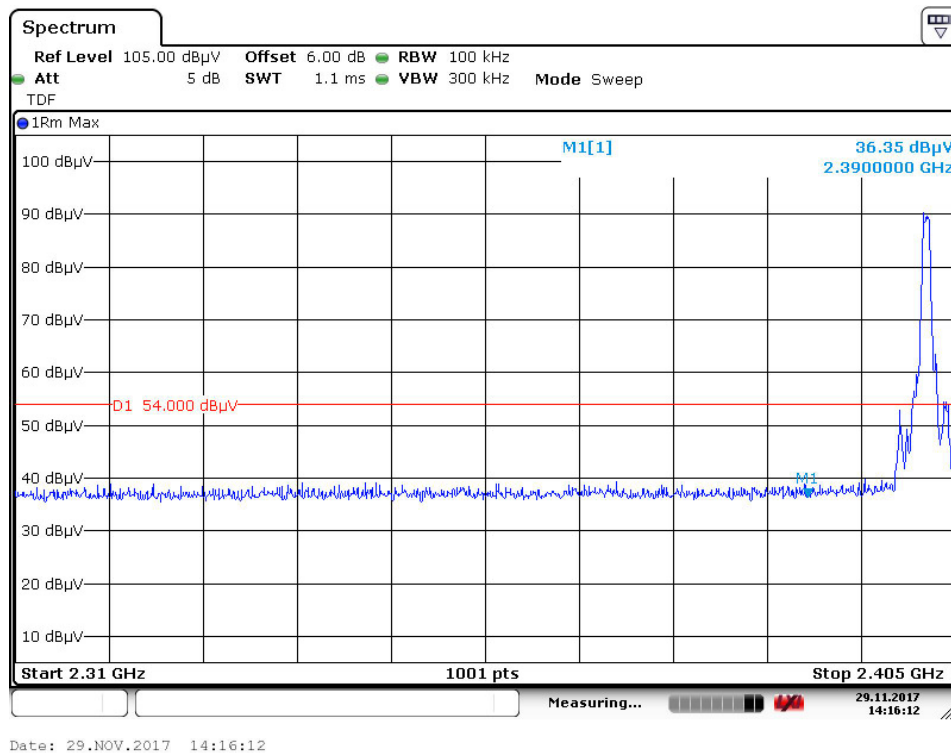
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Radiated Bandedge (GFSK)

Low Channel (Hor)



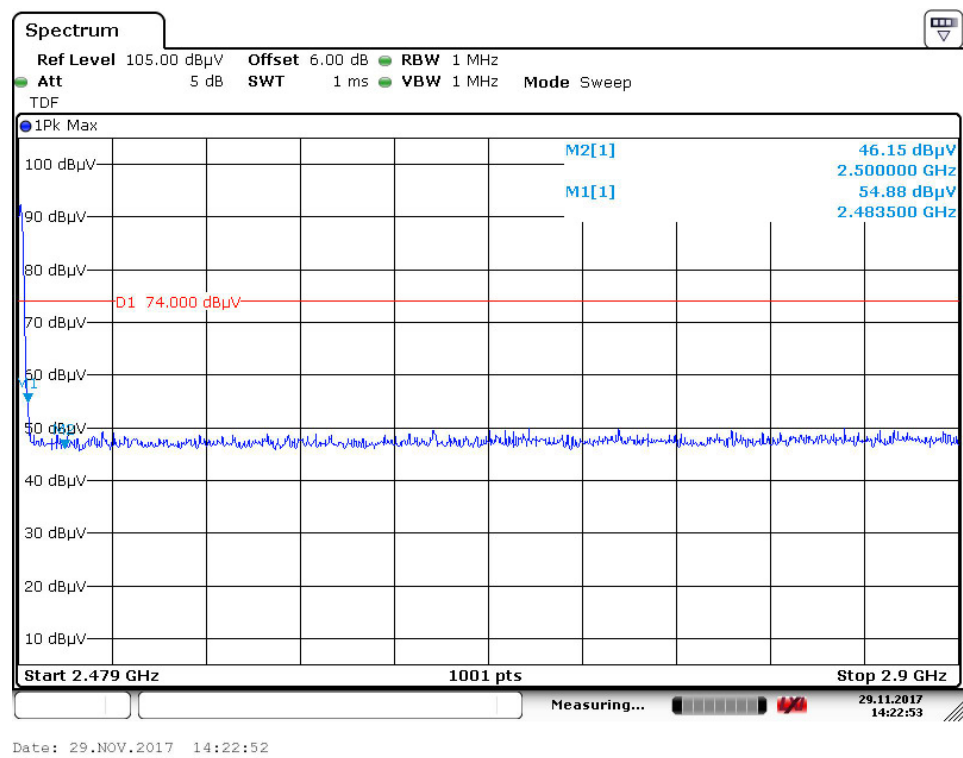
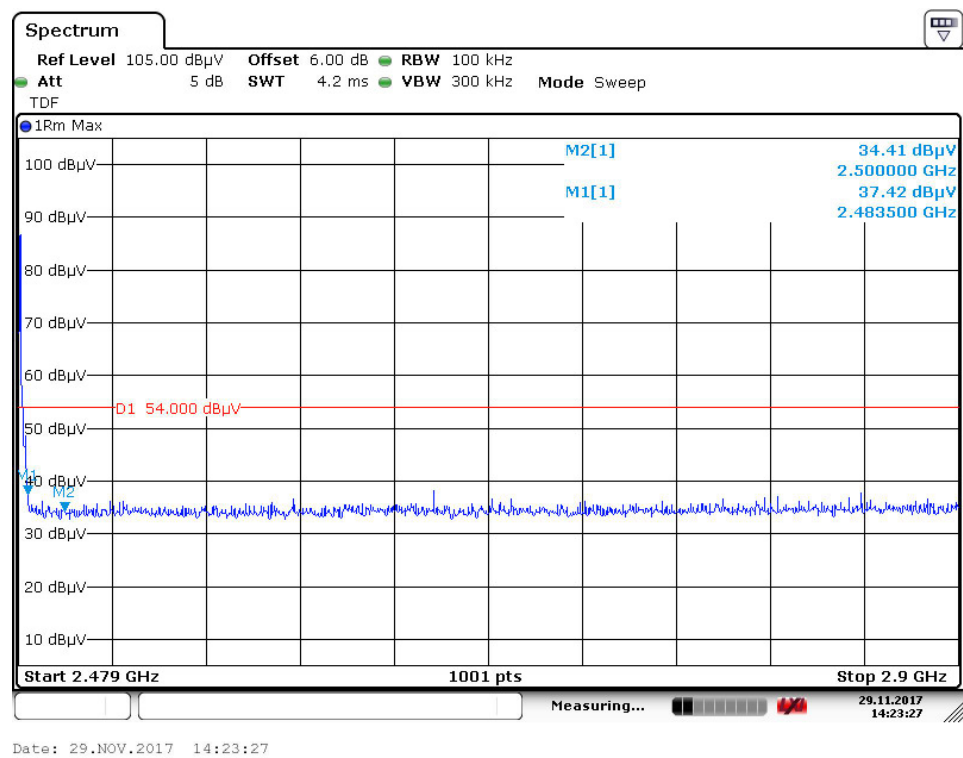
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

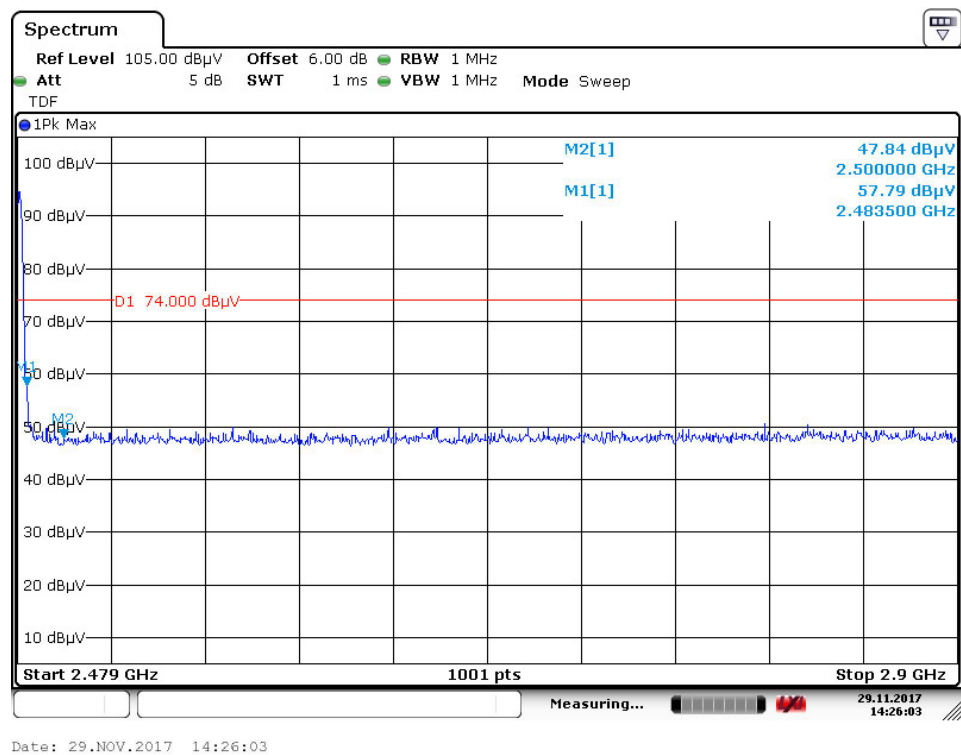
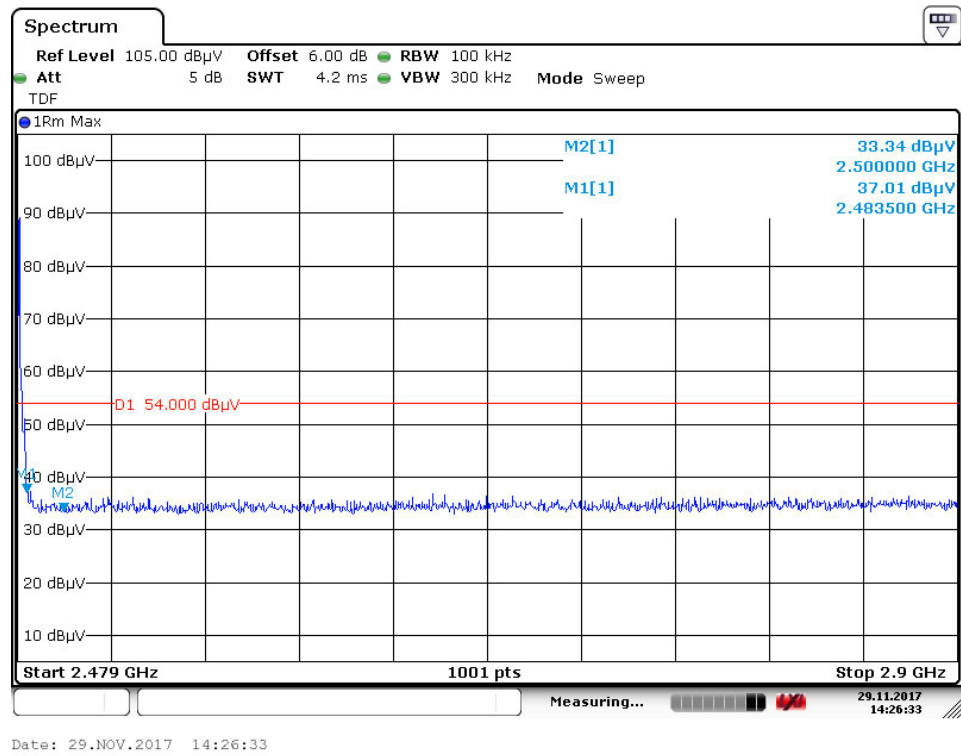
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

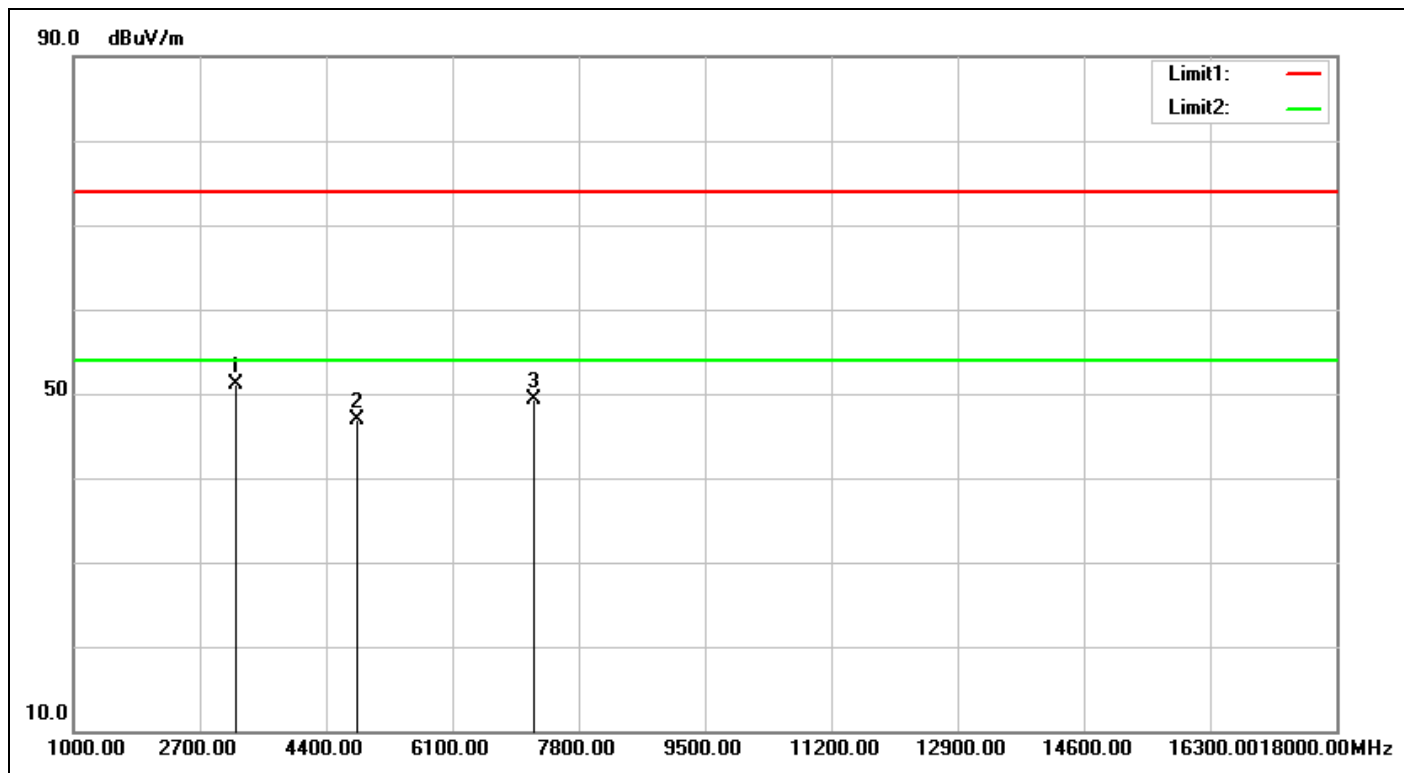
Spurious Emissions, TX Mode, 1-18G



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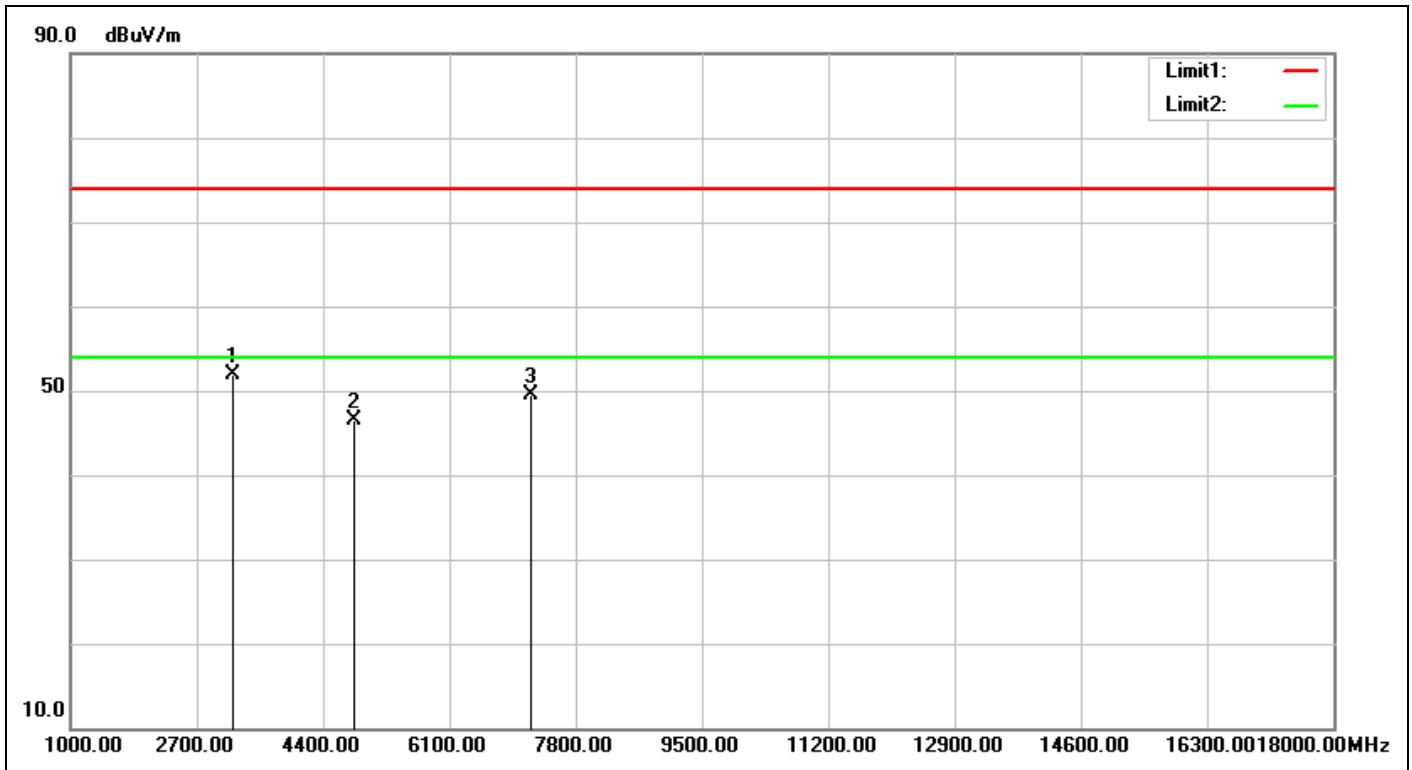
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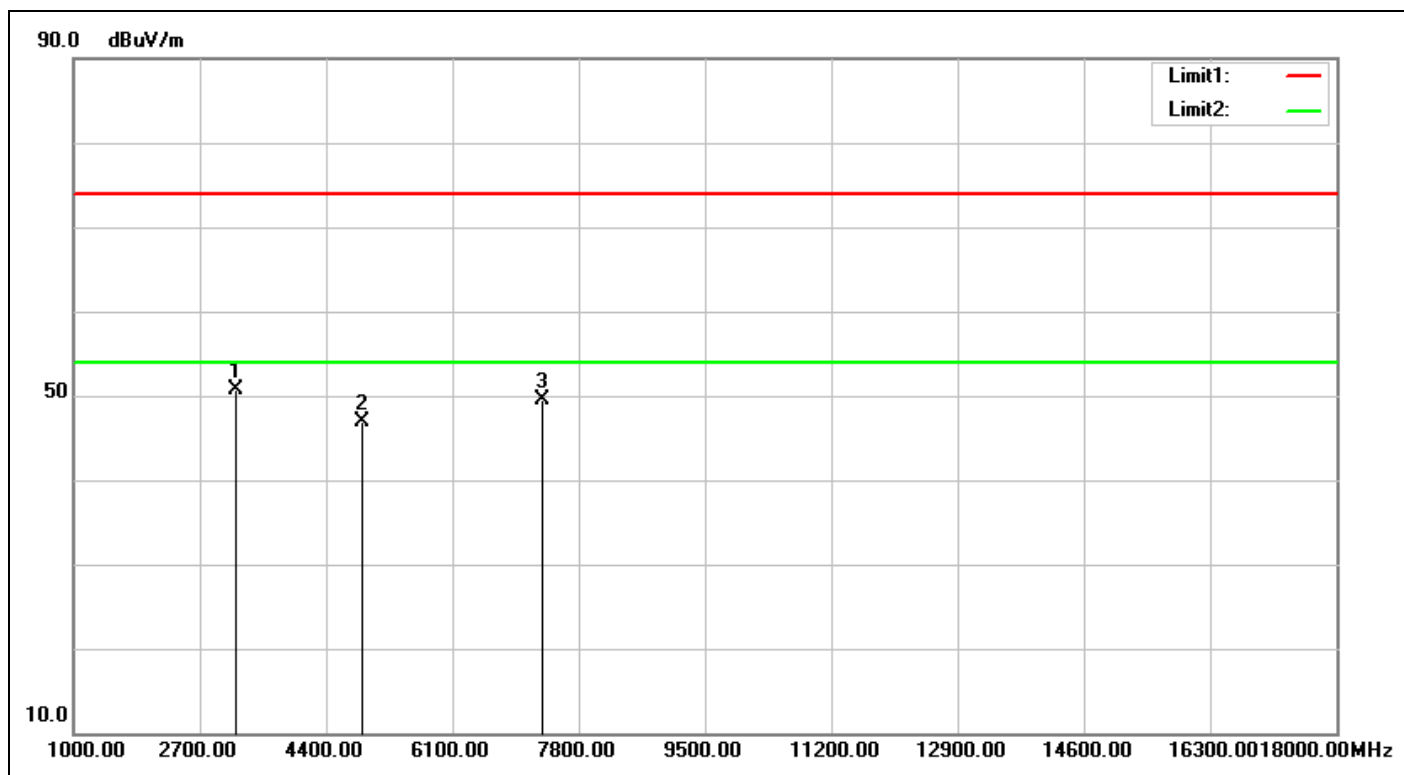
Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 14:25:19
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	52.50	51.04	74.00	-22.96	peak	100	313	
2	4804.000	3.14	43.75	46.89	74.00	-27.11	peak	100	149	
3	7206.000	4.76	44.56	49.32	74.00	-24.68	peak	100	237	



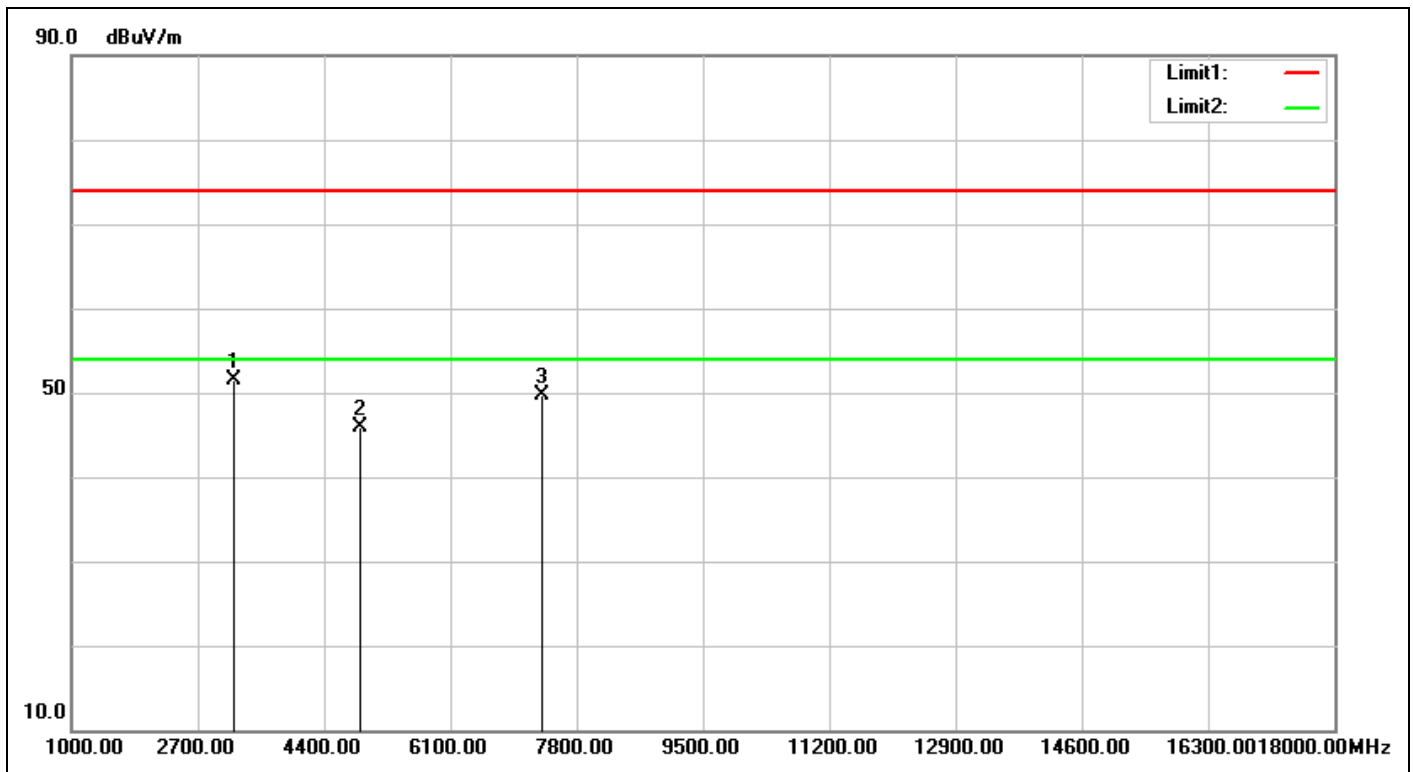
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 14:26:22
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	53.30	51.84	74.00	-22.16	peak	100	2	
2	4804.000	3.14	43.45	46.59	74.00	-27.41	peak	100	201	
3	7206.000	4.76	44.68	49.44	74.00	-24.56	peak	100	156	



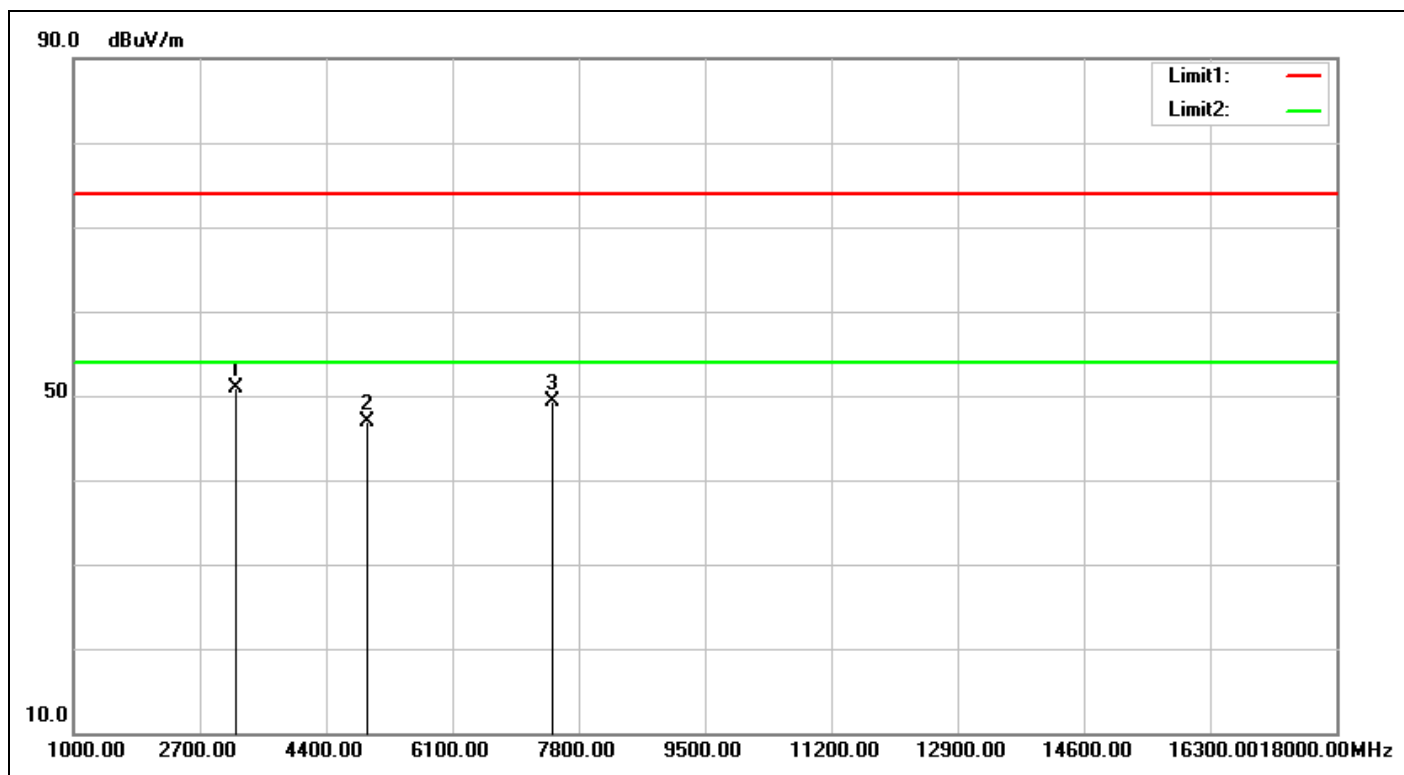
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 14:30:12
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	52.26	50.80	74.00	-23.20	peak	100	3	
2	4880.000	3.45	43.36	46.81	74.00	-27.19	peak	100	151	
3	7320.000	4.69	44.73	49.42	74.00	-24.58	peak	100	239	



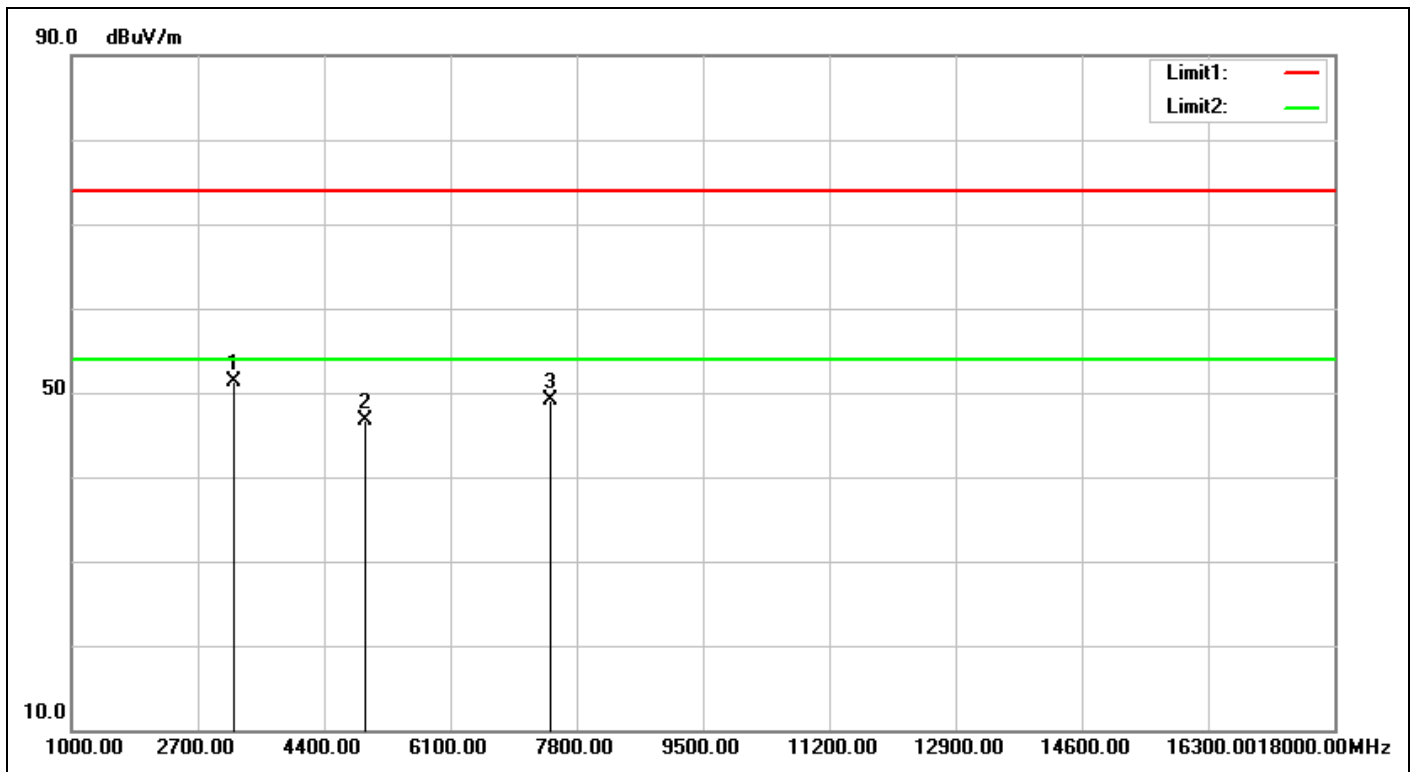
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 14:29:09
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	53.06	51.60	74.00	-22.40	peak	100	314	
2	4880.000	3.45	42.49	45.94	74.00	-28.06	peak	100	223	
3	7320.000	4.69	45.06	49.75	74.00	-24.25	peak	100	308	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 14:35:01
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	52.31	50.85	74.00	-23.15	peak	100	231	
2	4960.000	3.77	43.22	46.99	74.00	-27.01	peak	100	128	
3	7440.000	4.62	44.77	49.39	74.00	-24.61	peak	100	291	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 14:36:04
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-1.46	52.76	51.30	74.00	-22.70	peak	100	12	
2	4960.000	3.77	43.02	46.79	74.00	-27.21	peak	100	117	
3	7440.000	4.62	44.47	49.09	74.00	-24.91	peak	100	204	

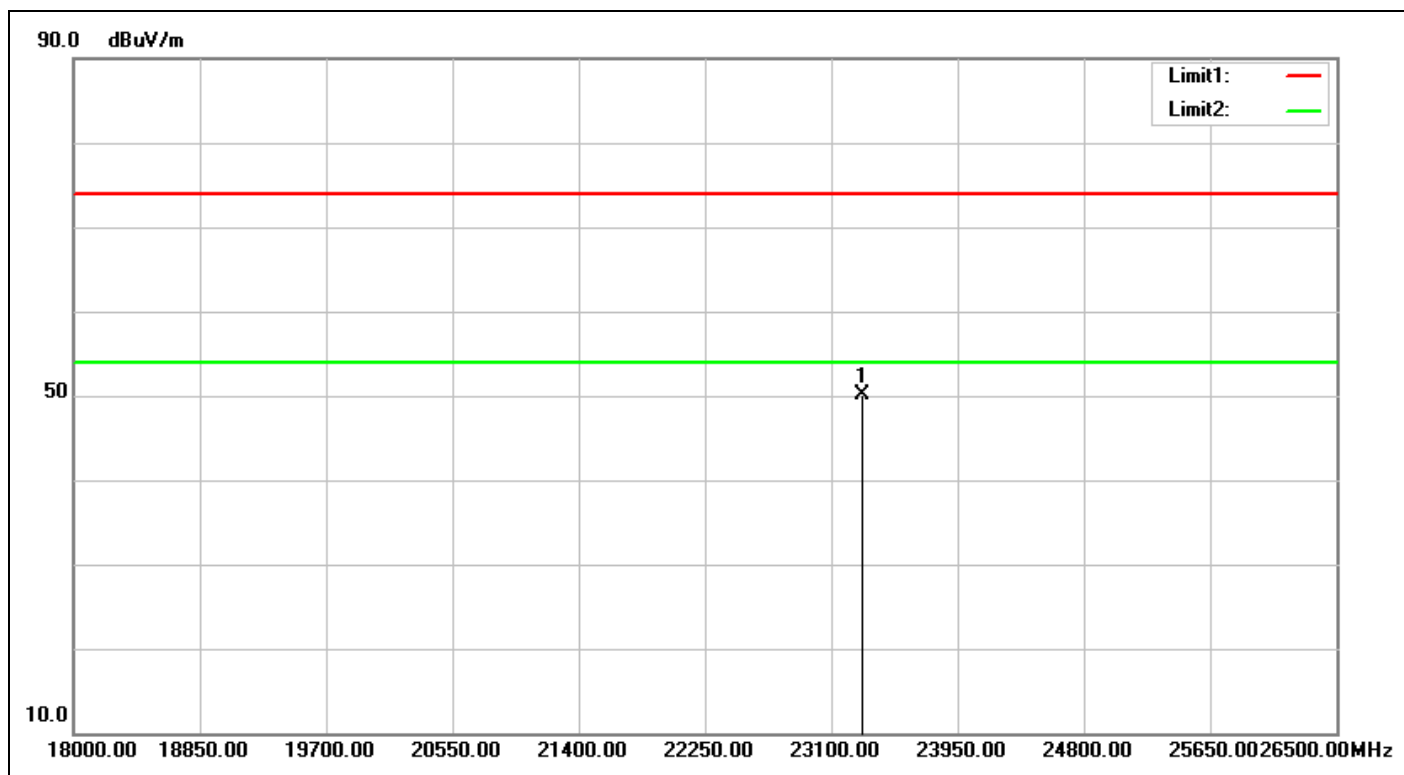
Spurious Emissions, TX Mode, 18-26G



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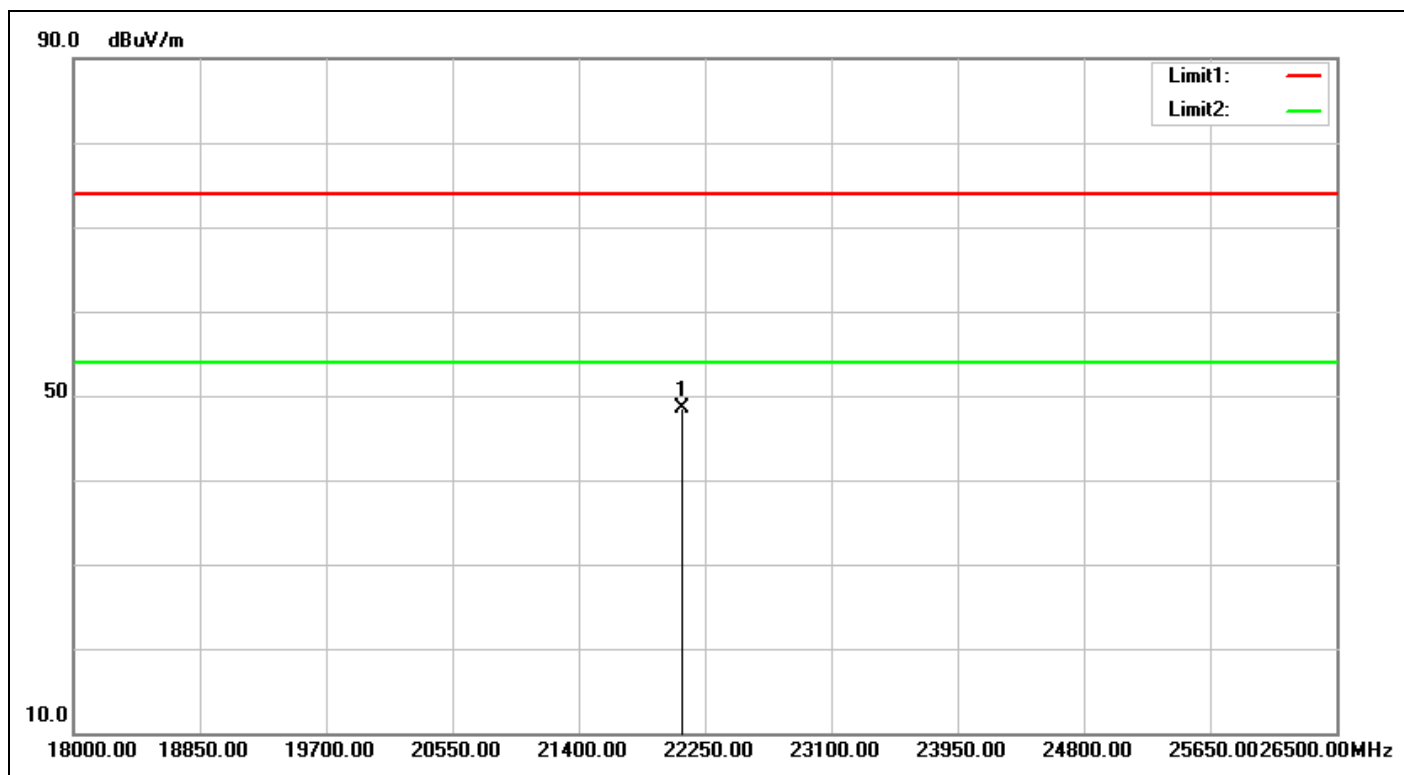
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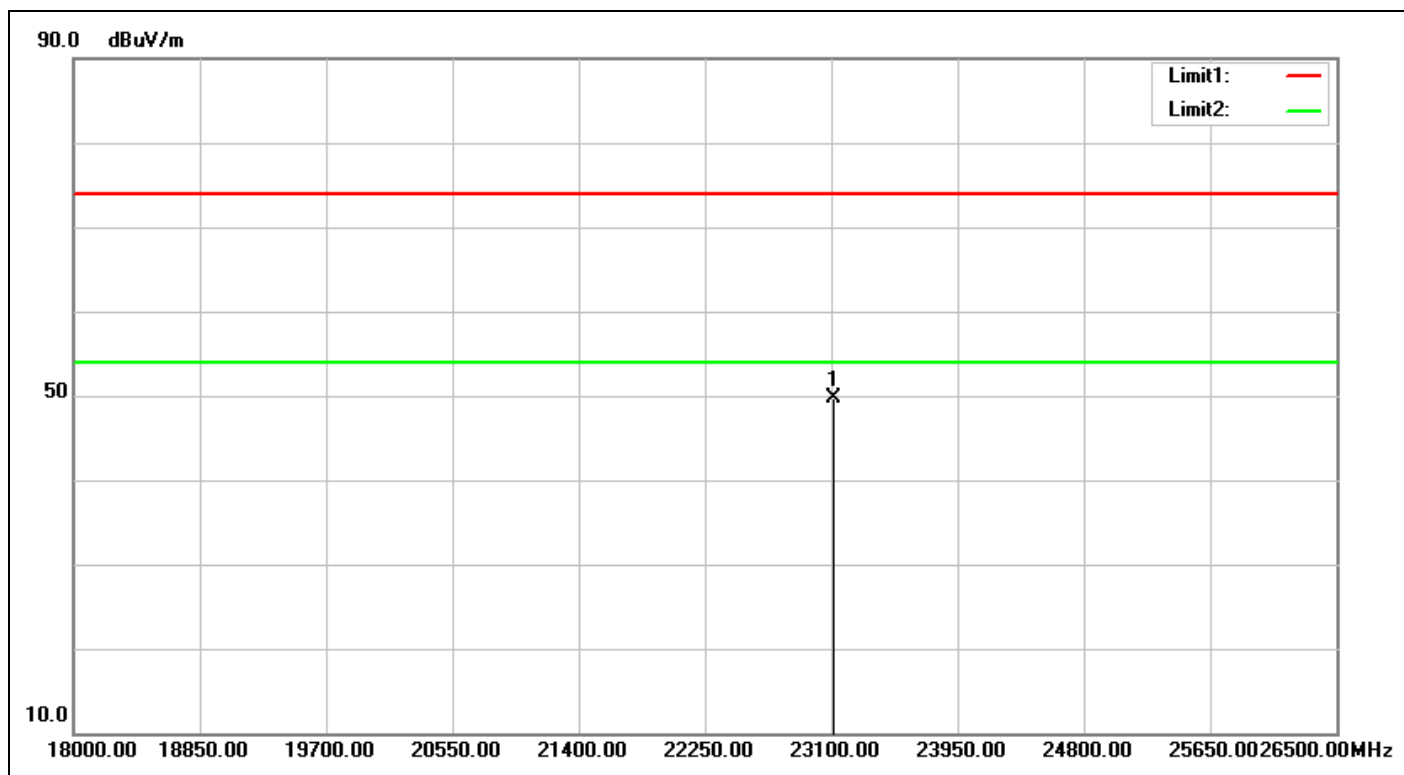
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Test item:	Radiation Emission	Test Time:	2017/11/29 13:40:21
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23312.500	32.24	17.81	50.05	74.00	-23.95	peak	100	166	



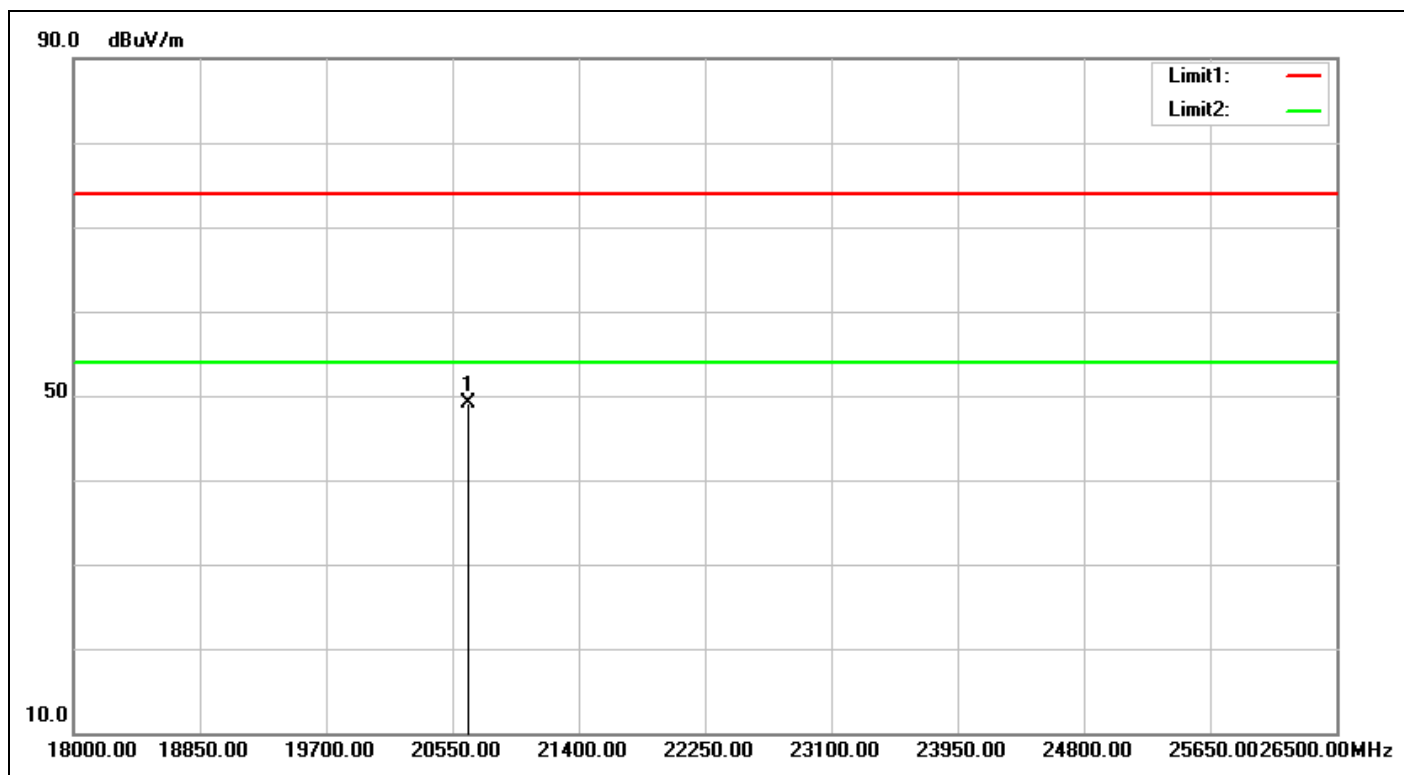
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 13:40:33
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	22097.000	32.52	16.02	48.54	74.00	-25.46	peak	100	201	



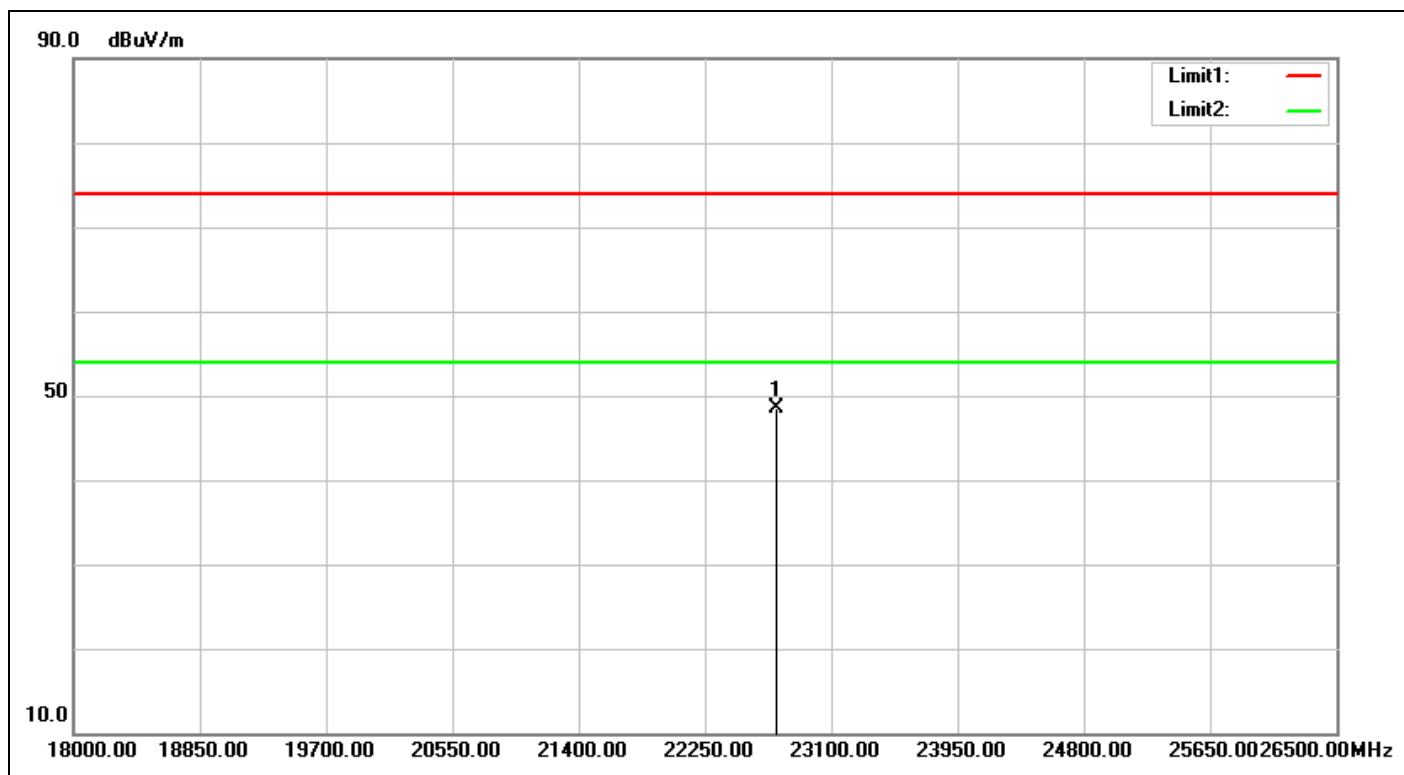
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 13:40:51
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	23117.000	32.05	17.62	49.67	74.00	-24.33	peak	100	354	



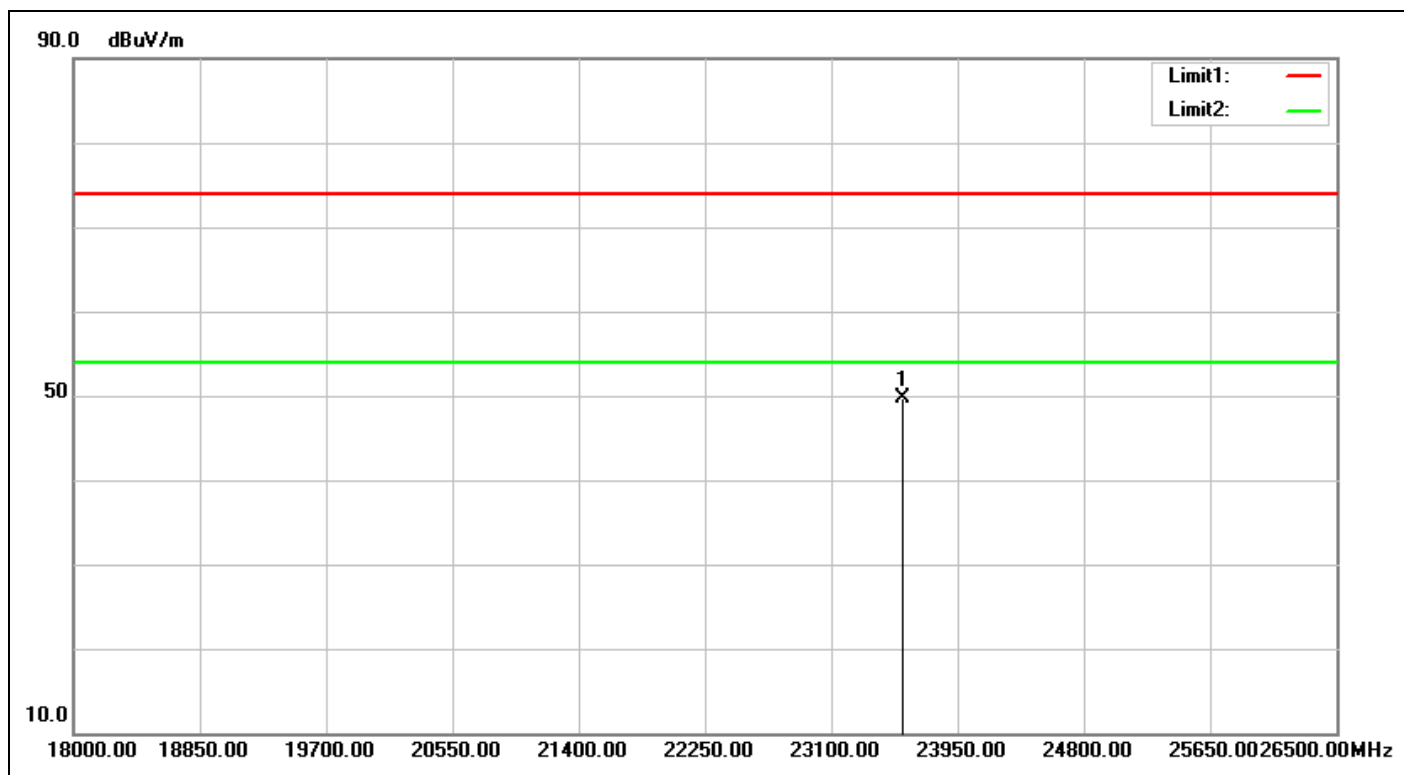
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 13:41:05
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%):	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	20652.000	31.06	18.09	49.15	74.00	-24.85	peak	100	10	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 13:41:36
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	22734.500	32.10	16.33	48.43	74.00	-25.57	peak	100	263	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 13:41:50
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	23576.000	32.31	17.37	49.68	74.00	-24.32	peak	100	102	

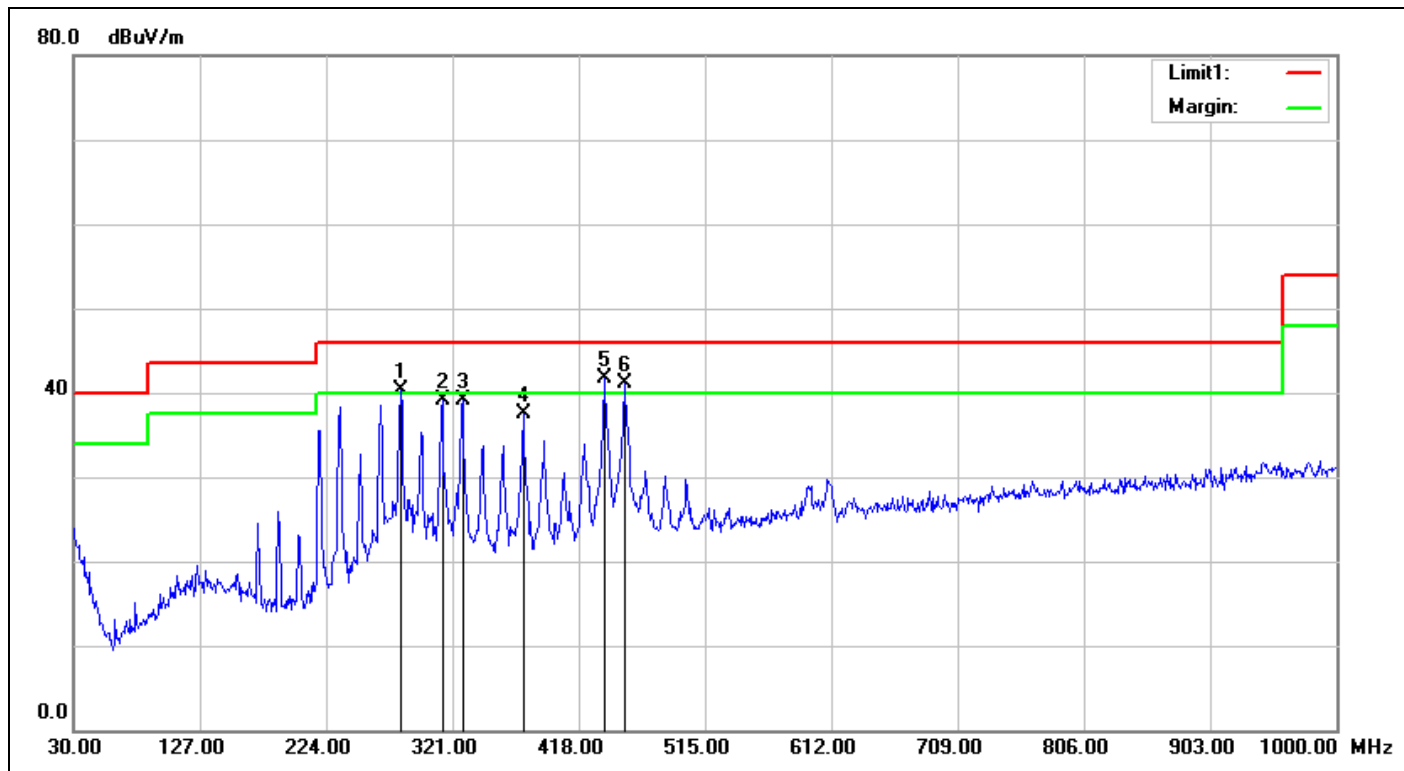
Spurious Emissions, TX Mode, 30M-1G



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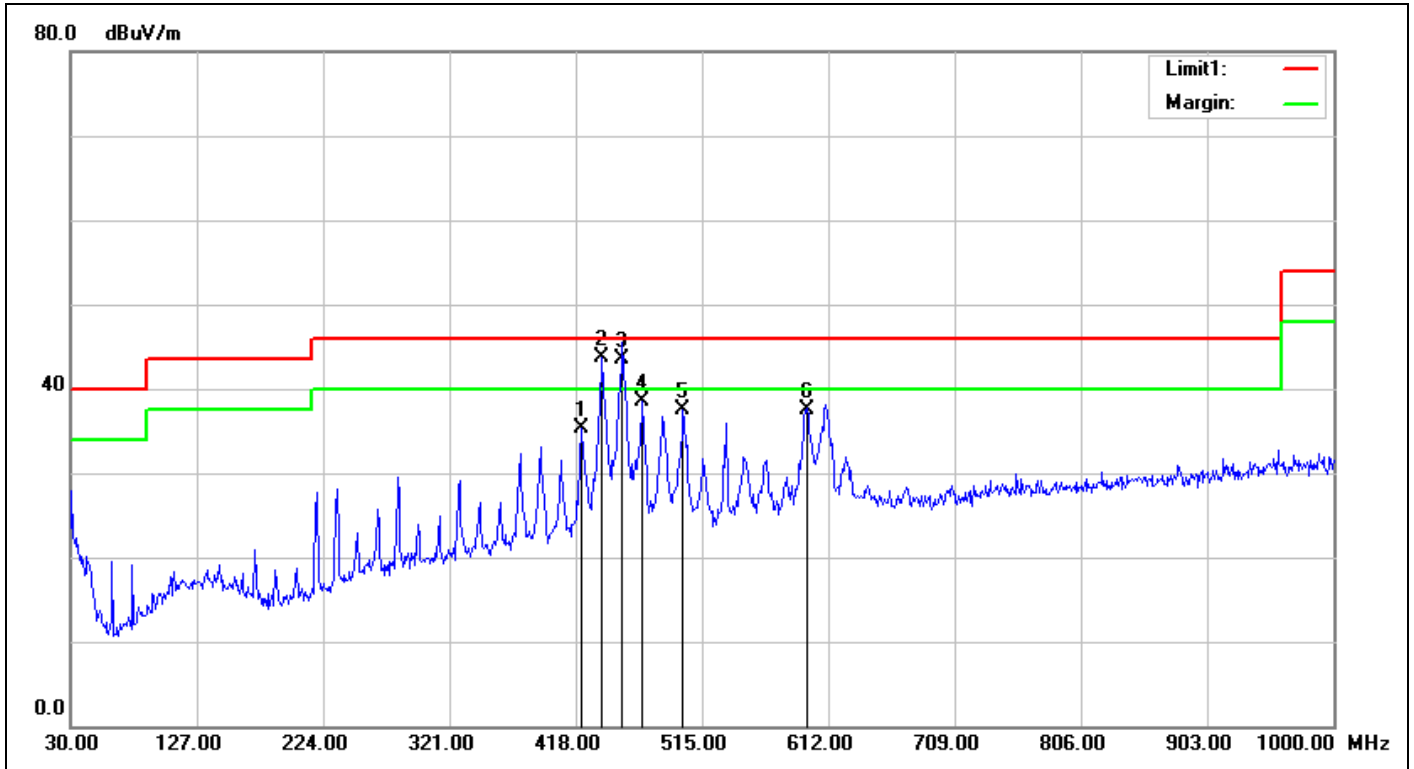
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Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 16:20:02
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	281.2300	-5.10	45.35	40.25	46.00	-5.75	QP	100	243	
2	313.2400	-4.23	43.24	39.01	46.00	-6.99	QP	100	238	
3	328.7600	-3.86	43.05	39.19	46.00	-6.81	QP	100	229	
4	375.3200	-2.88	40.35	37.47	46.00	-8.53	QP	100	216	
5	437.4000	-2.04	43.77	41.73	46.00	-4.27	QP	100	219	
6	452.9200	-1.87	42.88	41.01	46.00	-4.99	QP	100	219	

Spurious Emissions, RX Mode, 1-18G



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 16:21:06
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	421.8800	-2.20	37.52	35.32	46.00	-10.68	QP	100	174	
2	438.3700	-2.03	45.75	43.72	46.00	-2.28	QP	100	184	
3	453.8900	-1.84	45.39	43.55	46.00	-2.45	QP	100	184	
4	469.4100	-1.62	40.20	38.58	46.00	-7.42	QP	100	174	
5	500.4500	-1.17	38.63	37.46	46.00	-8.54	QP	100	336	
6	595.5100	0.03	37.57	37.60	46.00	-8.40	QP	100	312	

Spurious Emissions, RX Mode, 1-18G

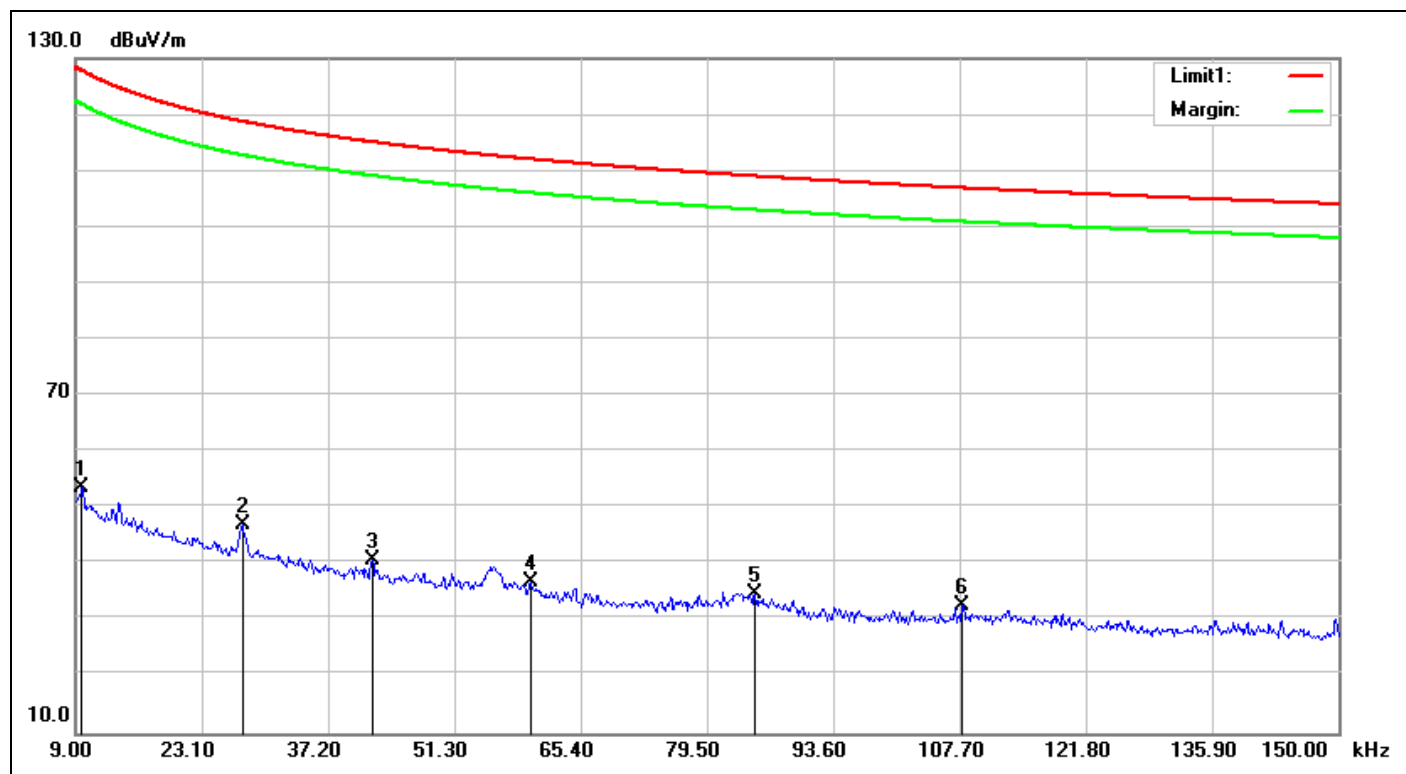
Spurious Emissions, TX Mode, 9k-30M



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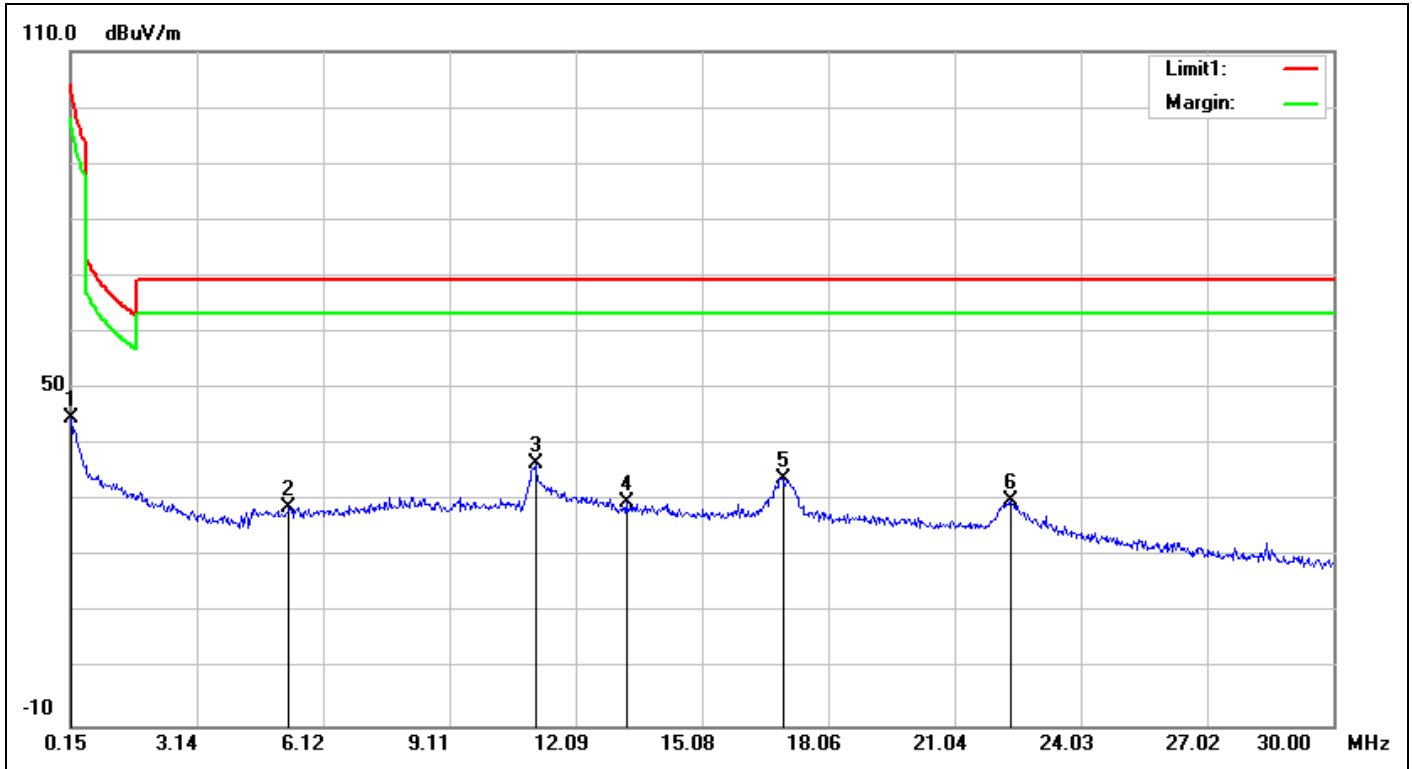
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Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/11/29 14:56:59
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	0.0097	19.81	33.83	53.64	127.85	-74.21	QP	100	1	
2	0.0276	20.11	26.87	46.98	118.77	-71.79	QP	100	99	
3	0.0421	19.71	20.99	40.70	115.11	-74.41	QP	100	165	
4	0.0597	19.37	17.63	37.00	112.07	-75.07	QP	100	85	
5	0.0848	19.22	15.58	34.80	109.03	-74.23	QP	100	133	
6	0.1079	19.12	13.61	32.73	106.94	-74.21	QP	100	117	

Spurious Emissions, RX Mode, 1-18G



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/11/29 15:06:33
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Gerorge Yang
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	0.1798	19.06	25.57	44.63	102.50	-57.87	QP	100	94	
2	5.3140	19.79	8.97	28.76	69.50	-40.74	QP	100	240	
3	11.1348	20.42	16.23	36.65	69.50	-32.85	QP	100	67	
4	13.2840	20.80	8.92	29.72	69.50	-39.78	QP	100	19	
5	16.9853	21.46	12.57	34.03	69.50	-35.47	QP	100	120	
6	22.3584	22.14	7.92	30.06	69.50	-39.44	QP	100	155	

Spurious Emissions, RX Mode, 1-18G

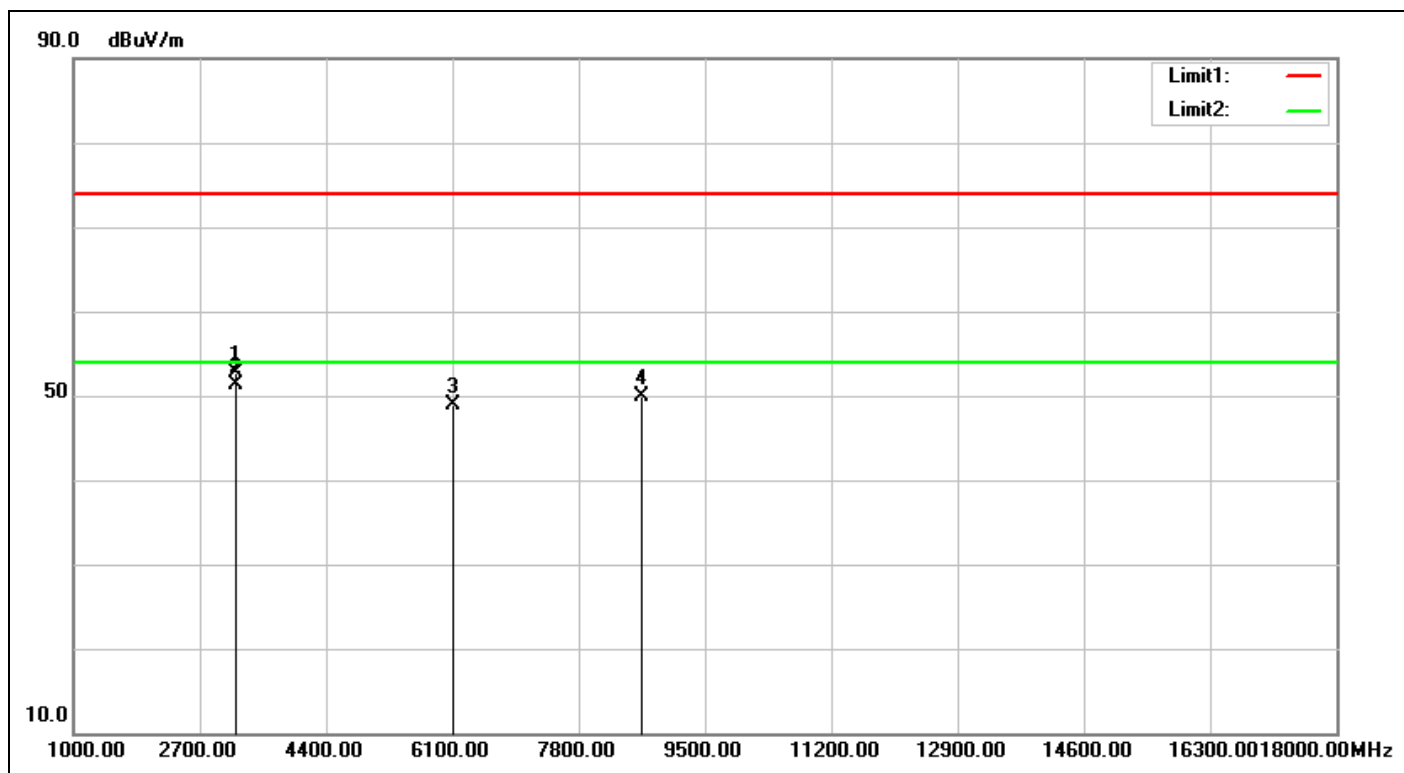
Spurious Emissions, RX Mode, 1-18G



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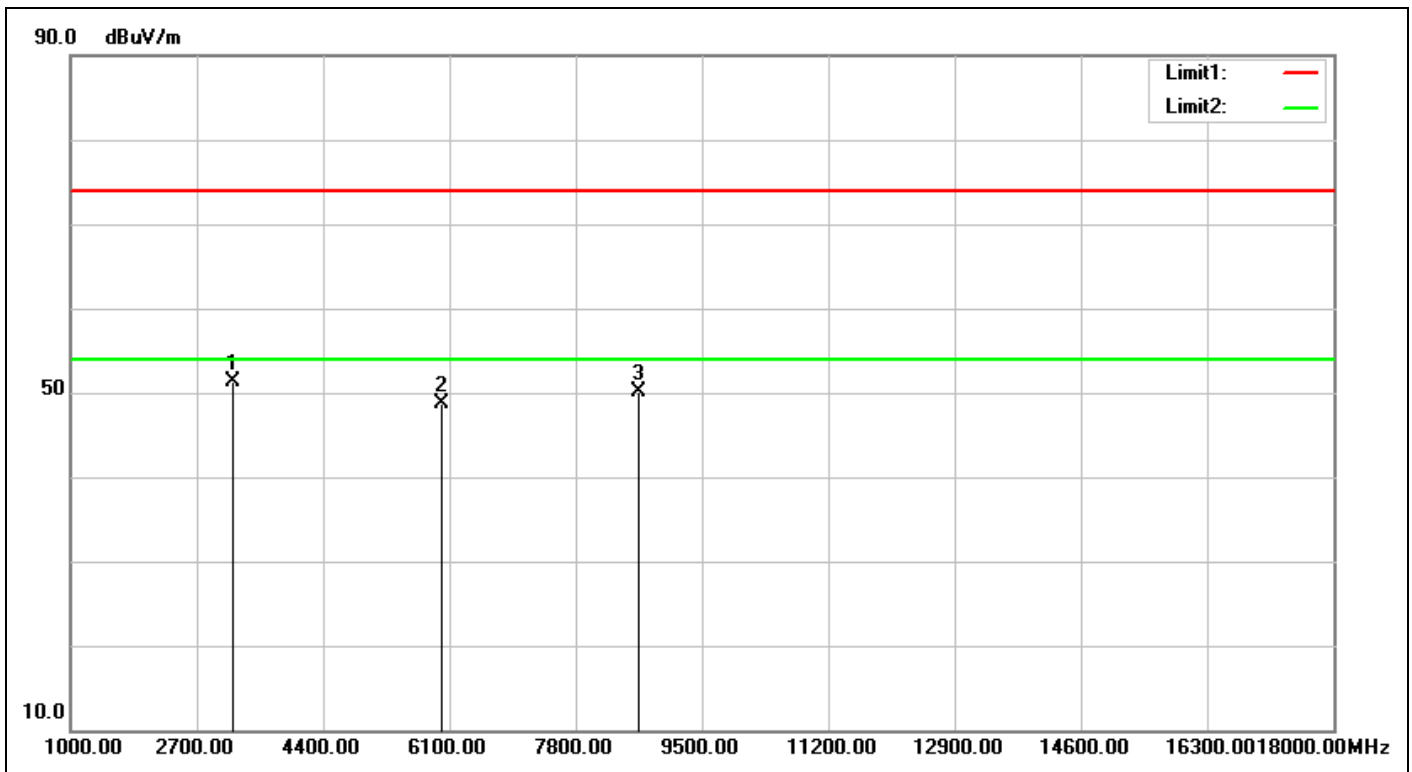
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Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 14:40:14
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-2.11	54.77	52.66	74.00	-21.34	peak	100	145	
2	3193.000	-2.11	53.44	51.33	54.00	-2.67	AVG	100	145	
3	6117.000	4.50	44.38	48.88	74.00	-25.12	peak	100	42	
4	8650.000	4.07	45.78	49.85	74.00	-24.15	peak	100	153	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 14:41:17
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	3193.000	-2.11	53.51	51.40	74.00	-22.60	peak	100	3	
2	5998.000	4.48	44.14	48.62	74.00	-25.38	peak	100	94	
3	8650.000	4.07	46.05	50.12	74.00	-23.88	peak	100	33	

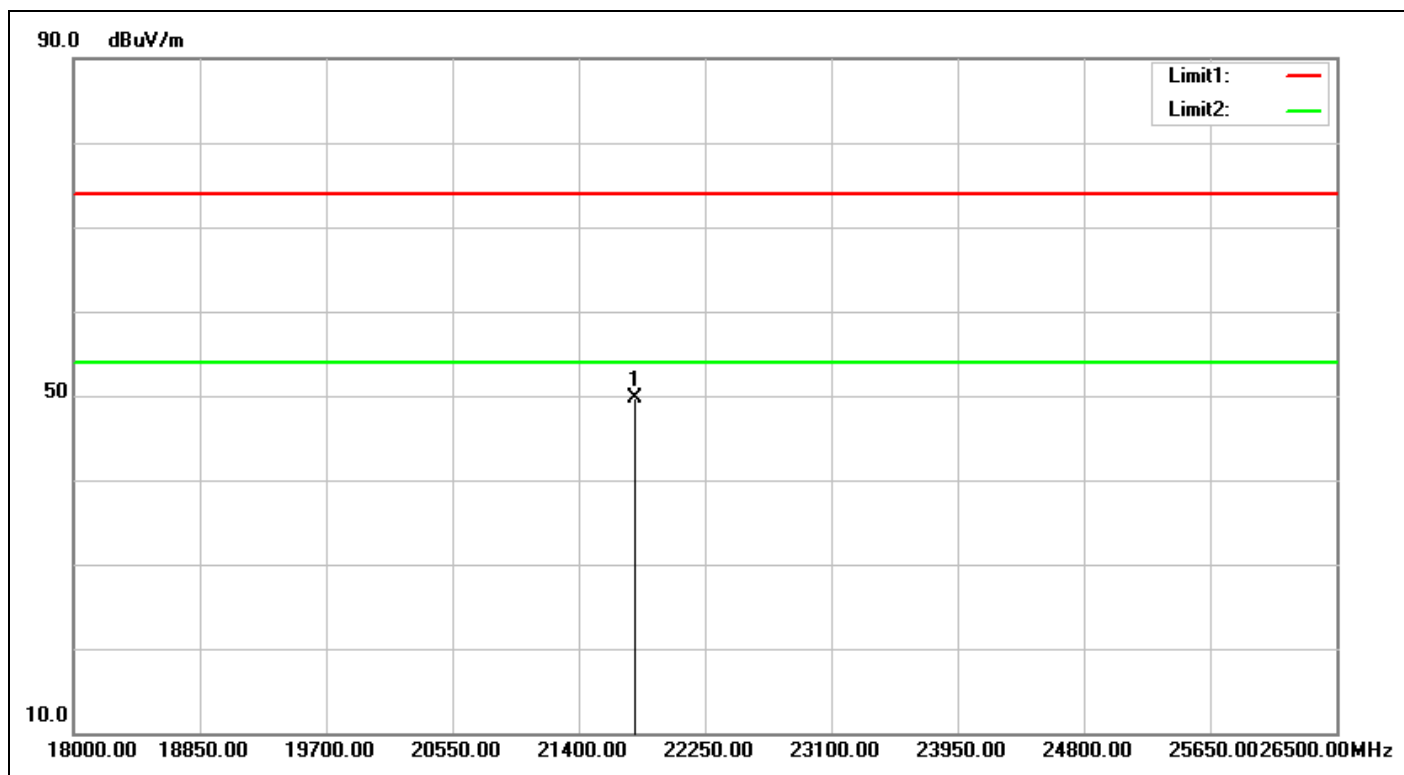
Spurious Emissions, RX Mode, 18-26G



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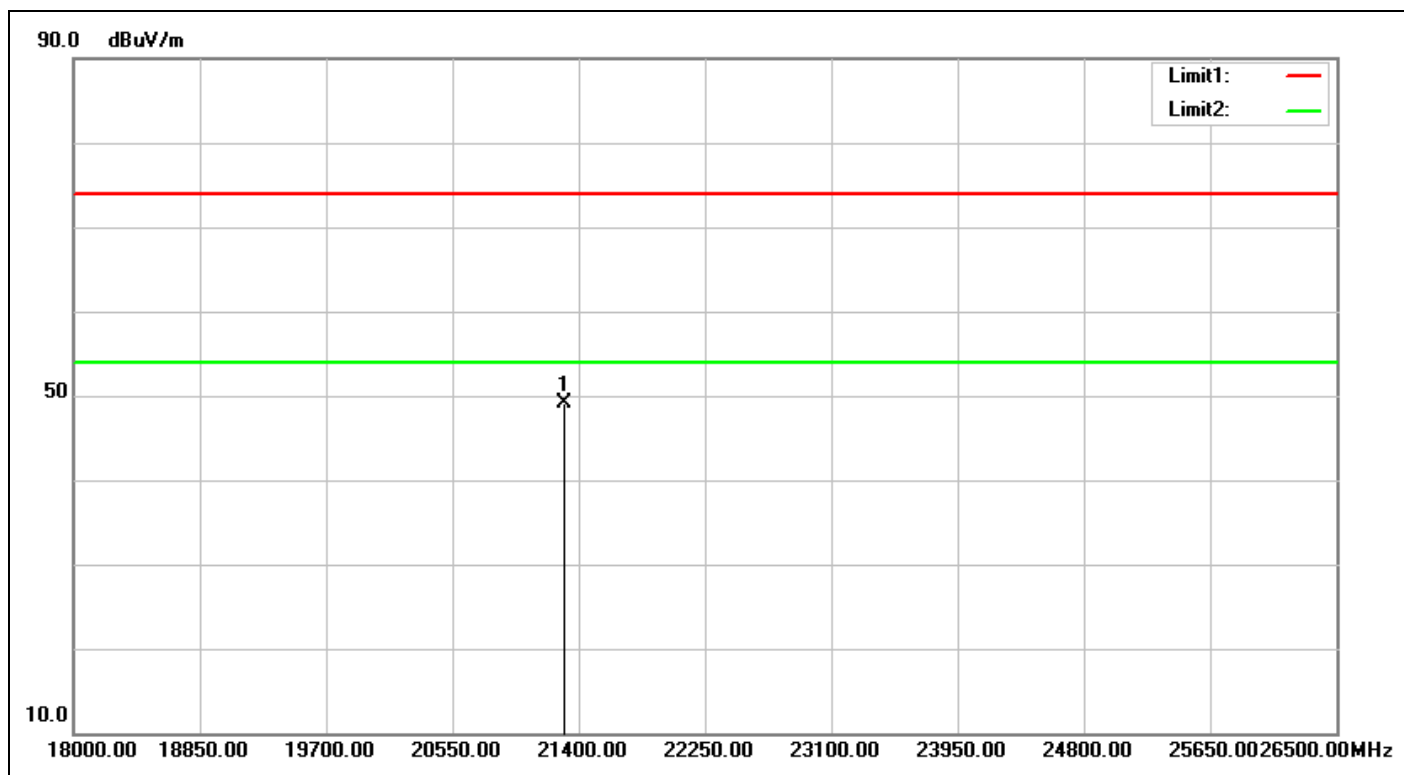
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/11/29 13:42:25
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%):	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	21774.000	32.33	17.33	49.66	74.00	-24.34	peak	100	137	



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/29 13:42:39
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	21306.500	31.74	17.36	49.10	74.00	-24.90	peak	100	209	

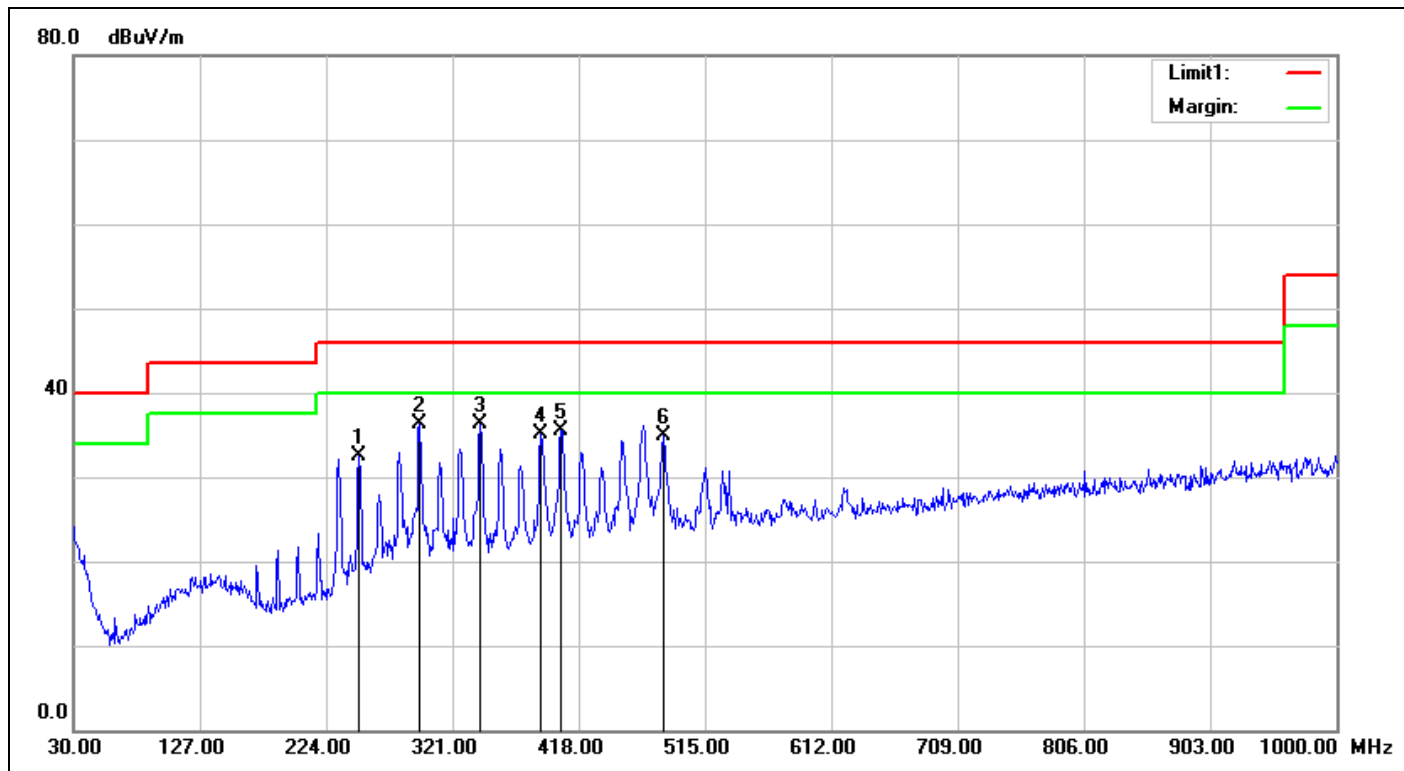
Spurious Emissions, RX Mode, 30M-1G



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Service No.: 114071117

Test Distance: 3m

Test Standard: NCC Class B 3M Radiation

Ant. Polarization: Horizontal

Test item: Radiation Emission

Test Time: 2017/11/30 16:09:48

Applicant: Dexatek Technology

Test Rating: DC 5V

Product: Smart IP Cam

Temp.(°C)/Hum.(%): 24.6(°C)/53%

Model No.: SA-7510

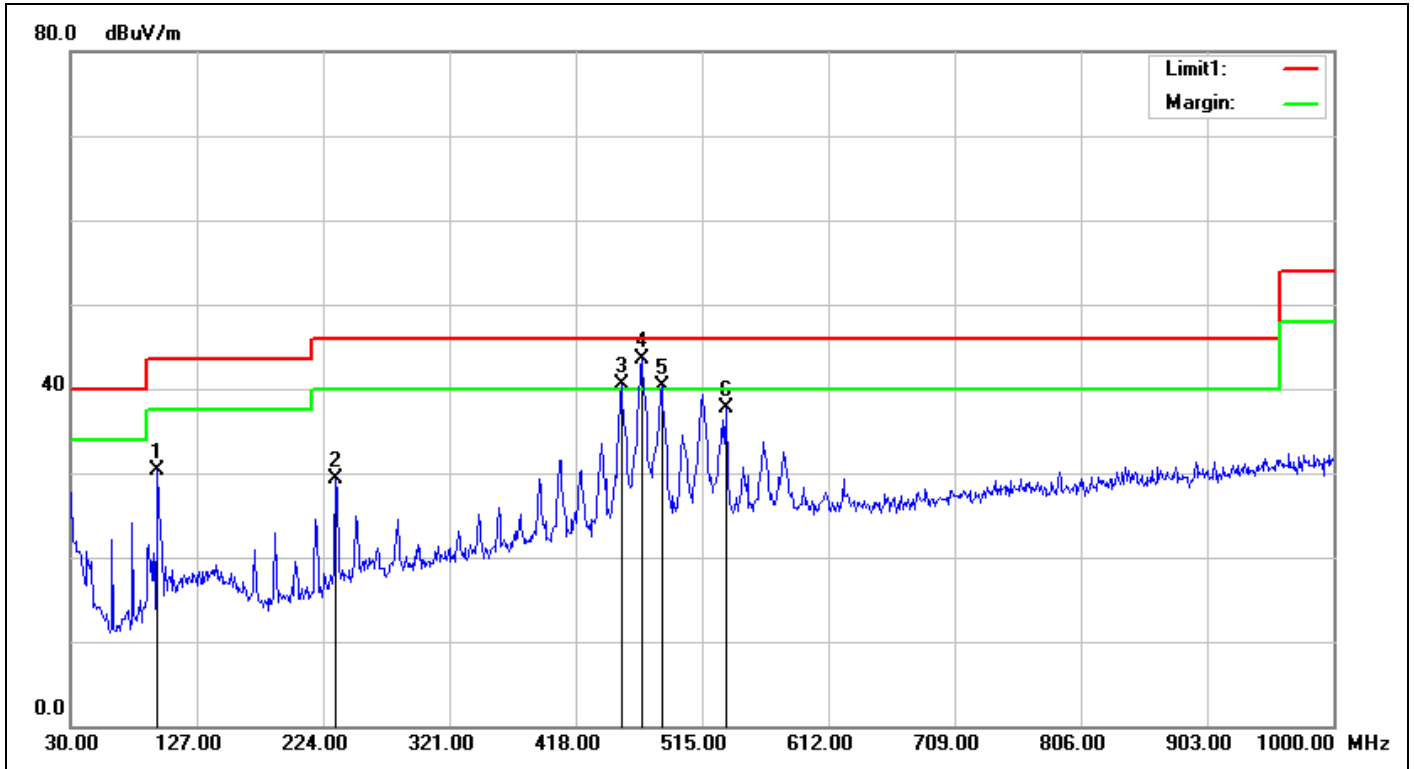
Test Engineer: Geroge Yang

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	249.2199	-5.86	38.31	32.45	46.00	-13.55	QP	100	242	
2	295.7799	-4.66	40.96	36.30	46.00	-9.70	QP	100	77	
3	342.3399	-3.53	39.88	36.35	46.00	-9.65	QP	100	63	
4	388.8999	-2.63	37.71	35.08	46.00	-10.92	QP	100	149	
5	404.4200	-2.38	37.93	35.55	46.00	-10.45	QP	100	127	
6	482.9900	-1.43	36.32	34.89	46.00	-11.11	QP	100	132	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/11/30 16:10:51
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%)	24.6(°C)/53%
Model No.:	SA-7510	Test Engineer:	Gerorge Yang
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	96.9300	-9.94	40.26	30.32	43.50	-13.18	QP	100	27	
2	233.7000	-7.29	36.68	29.39	46.00	-16.61	QP	100	360	
3	452.9200	-1.87	42.46	40.59	46.00	-5.41	QP	100	22	
4	468.4400	-1.64	45.14	43.50	46.00	-2.50	QP	100	354	
5	483.9600	-1.42	41.69	40.27	46.00	-5.73	QP	100	355	
6	533.4300	-0.69	38.35	37.66	46.00	-8.34	QP	100	346	

Spurious Emissions, RX Mode, 30M-1G

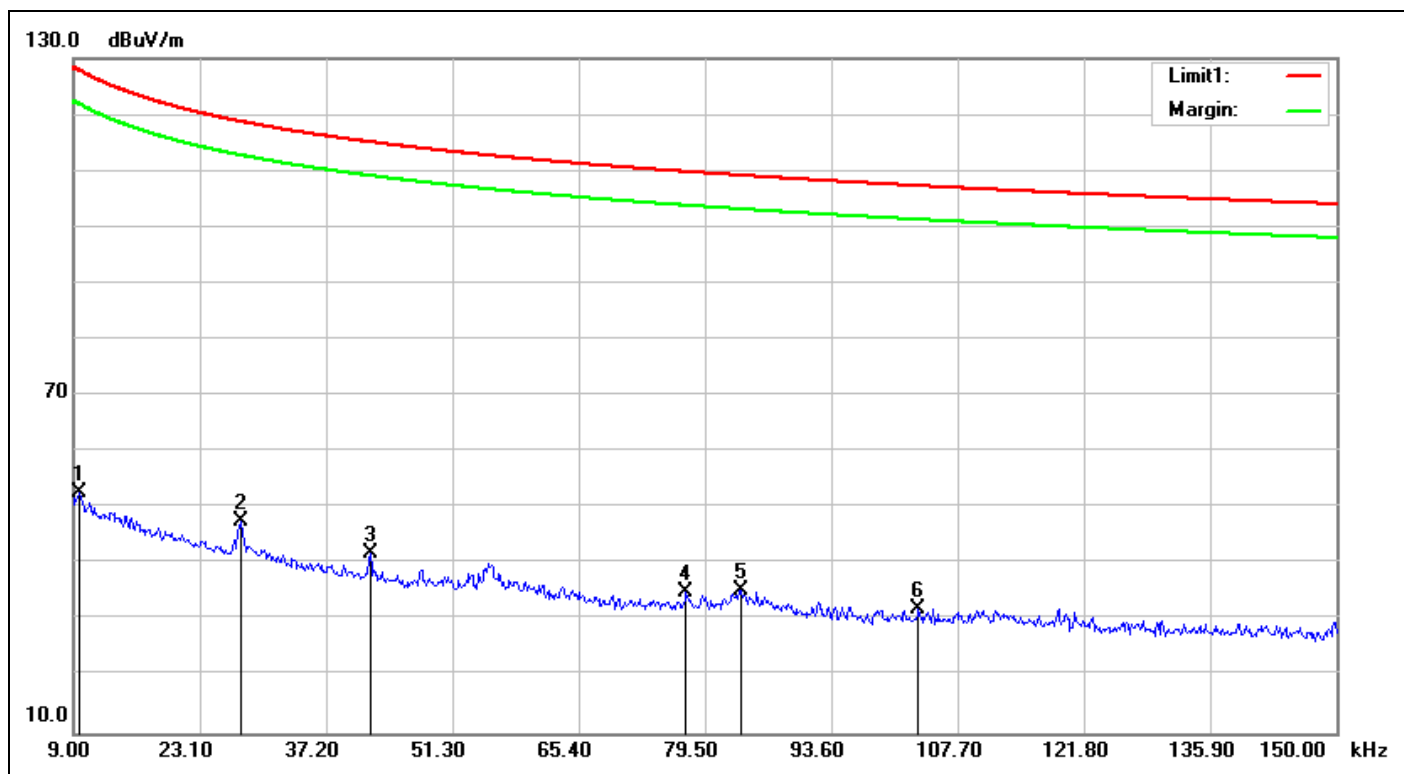
Spurious Emissions, RX Mode, 9k-30M



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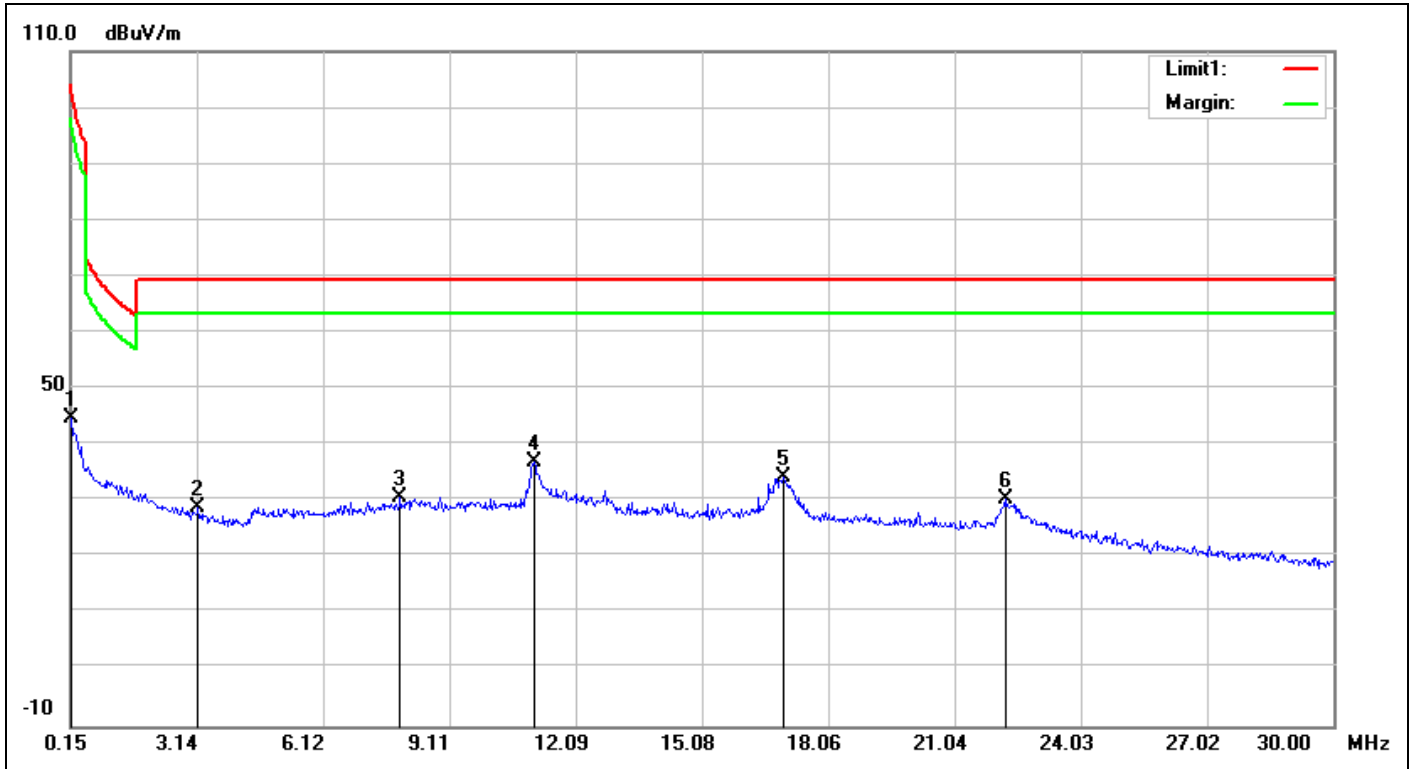
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/11/29 14:58:03
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Geroge Yang
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	0.0096	19.77	33.09	52.86	127.94	-75.08	QP	100	38	
2	0.0276	20.11	27.48	47.59	118.77	-71.18	QP	100	136	
3	0.0421	19.71	22.17	41.88	115.11	-73.23	QP	100	85	
4	0.0774	19.27	15.88	35.15	109.82	-74.67	QP	100	136	
5	0.0834	19.23	16.21	35.44	109.17	-73.73	QP	100	94	
6	0.1033	19.13	12.90	32.03	107.31	-75.28	QP	100	123	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114071117	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/11/29 15:07:37
Applicant:	Dexatek Technology	Test Rating:	DC 5V
Product:	Smart IP Cam	Temp.(°C)/Hum.(%) :	26(°C)/49%
Model No.:	SA-7510	Test Engineer:	Gerorge Yang
Test Mode:	2440-RX		
Remark:			

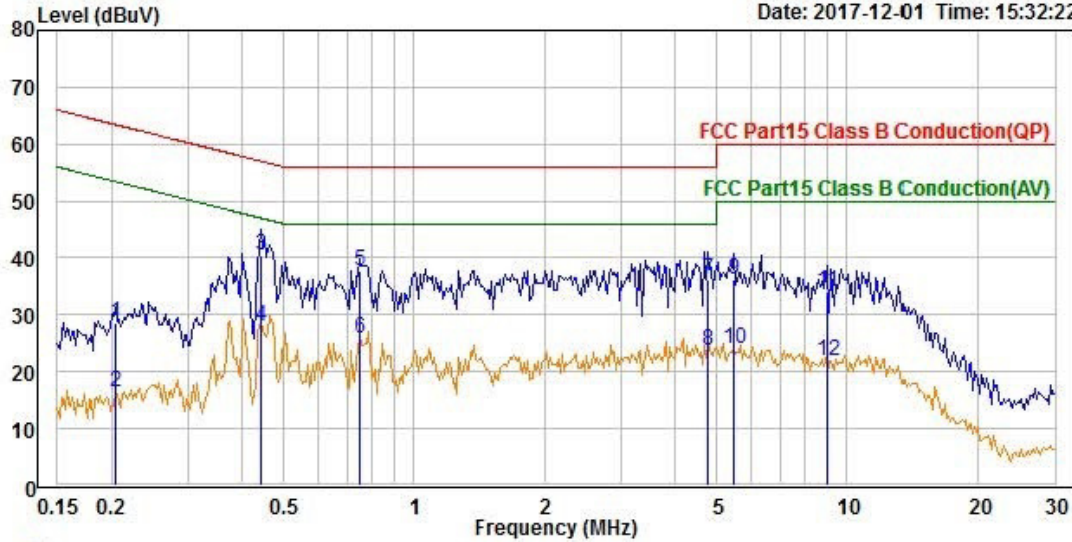
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	25.75	44.83	104.08	-59.25	QP	100	115	
2	3.1649	18.62	10.25	28.87	69.50	-40.63	QP	100	253	
3	7.9409	20.04	10.51	30.55	69.50	-38.95	QP	100	168	
4	11.1050	20.42	16.52	36.94	69.50	-32.56	QP	100	40	
5	17.0153	21.46	12.67	34.13	69.50	-35.37	QP	100	122	
6	22.2390	22.13	8.08	30.21	69.50	-39.29	QP	100	91	

Spurious Emissions, RX Mode, 30M-1G

Mains Spurious Emissions

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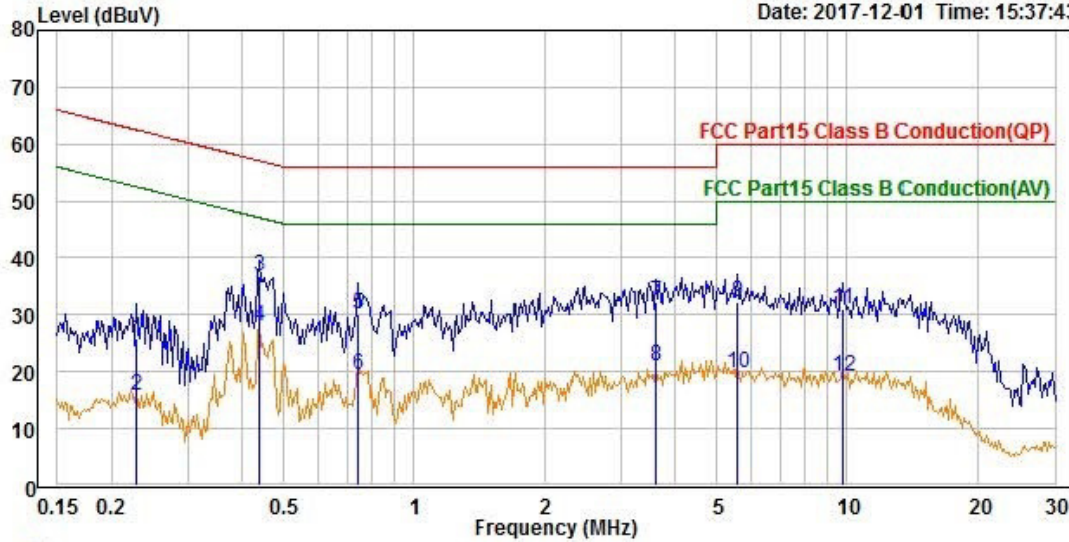
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : Dexatek Technology
Product : Smart IP Cam
Model No. : SA-7510
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.4°C / 47%
Memo : (b)BT link + Camera

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.204	19.08	9.66	28.74	63.44	-34.70	QP
2	0.204	6.67	9.66	16.33	53.44	-37.11	Average
3	0.443	30.80	9.66	40.46	57.00	-16.54	QP
4	0.443	18.19	9.66	27.85	47.00	-19.15	Average
5	0.751	27.98	9.66	37.64	56.00	-18.36	QP
6	0.751	16.11	9.66	25.77	46.00	-20.23	Average
7	4.769	26.43	9.72	36.15	56.00	-19.85	QP
8	4.769	14.10	9.72	23.82	46.00	-22.18	Average
9	5.481	26.61	9.73	36.34	60.00	-23.66	QP
10	5.481	14.29	9.73	24.02	50.00	-25.98	Average
11	9.010	24.31	9.78	34.09	60.00	-25.91	QP
12	9.010	12.02	9.78	21.80	50.00	-28.20	Average

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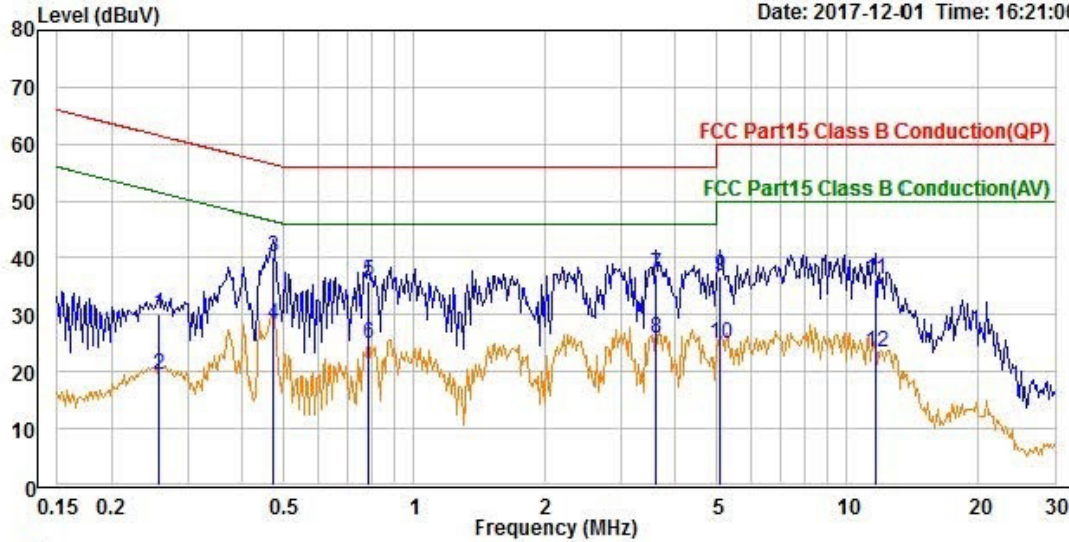
Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : Dexatek Technology
Product : Smart IP Cam
Model No. : SA-7510
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.4°C / 47%
Memo : (b)BT link + Camera

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.228	16.08	9.67	25.75	62.53	-36.78	QP
2	0.228	6.14	9.67	15.81	52.53	-36.72	Average
3	0.439	27.13	9.66	36.79	57.08	-20.29	QP
4	0.439	18.45	9.66	28.11	47.08	-18.97	Average
5	0.743	20.48	9.67	30.15	56.00	-25.85	QP
6	0.743	9.84	9.67	19.51	46.00	-26.49	Average
7	3.611	22.65	9.72	32.37	56.00	-23.63	QP
8	3.611	11.18	9.72	20.90	46.00	-25.10	Average
9	5.591	22.39	9.75	32.14	60.00	-27.86	QP
10	5.591	10.10	9.75	19.85	50.00	-30.15	Average
11	9.756	21.16	9.81	30.97	60.00	-29.03	QP
12	9.756	9.36	9.81	19.17	50.00	-30.83	Average

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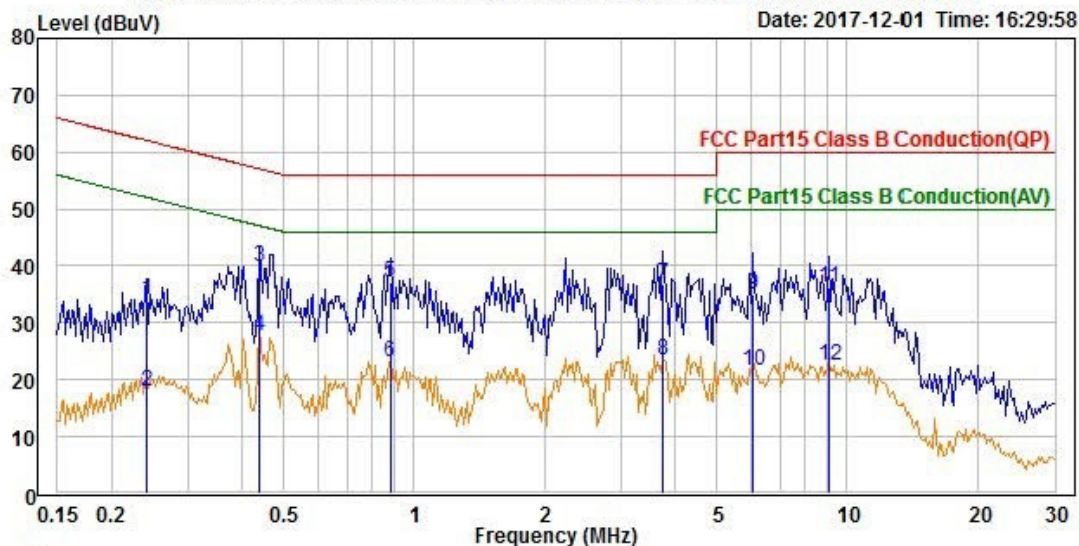


Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : Dexatek Technology
Product : Smart IP Cam
Model No. : SA-7510
Test Rating : 240Vac/60Hz
Tmp/Hum : 23.4°C / 47%
Memo : (b)BT link + Camera

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.257	20.39	9.66	30.05	61.54	-31.49	QP
2	0.257	9.88	9.66	19.54	51.54	-32.00	Average
3	0.471	30.62	9.66	40.28	56.51	-16.23	QP
4	0.471	18.69	9.66	28.35	46.51	-18.16	Average
5	0.781	26.34	9.66	36.00	56.00	-20.00	QP
6	0.781	15.24	9.66	24.90	46.00	-21.10	Average
7	3.611	27.29	9.71	37.00	56.00	-19.00	QP
8	3.611	16.16	9.71	25.87	46.00	-20.13	Average
9	5.113	27.02	9.73	36.75	60.00	-23.25	QP
10	5.113	15.29	9.73	25.02	50.00	-24.98	Average
11	11.668	26.33	9.80	36.13	60.00	-23.87	QP
12	11.668	13.70	9.80	23.50	50.00	-26.50	Average

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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : Dexatek Technology
Product : Smart IP Cam
Model No. : SA-7510
Test Rating : 240Vac/60Hz
Tmp/Hum : 23.4°C / 47%
Memo : (b)BT link + Camera

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.242	24.47	9.67	34.14	62.04	-27.90	QP
2	0.242	8.40	9.67	18.07	52.04	-33.97	Average
3	0.439	30.09	9.66	39.75	57.08	-17.33	QP
4	0.439	18.03	9.66	27.69	47.08	-19.39	Average
5	0.880	27.42	9.67	37.09	56.00	-18.91	QP
6	0.880	13.56	9.67	23.23	46.00	-22.77	Average
7	3.757	27.13	9.72	36.85	56.00	-19.15	QP
8	3.757	13.61	9.72	23.33	46.00	-22.67	Average
9	6.054	25.20	9.75	34.95	60.00	-25.05	QP
10	6.054	11.94	9.75	21.69	50.00	-28.31	Average
11	9.101	26.49	9.80	36.29	60.00	-23.71	QP
12	9.101	12.57	9.80	22.37	50.00	-27.63	Average