

Test Report No.50087252 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50087252 001AppendixD)

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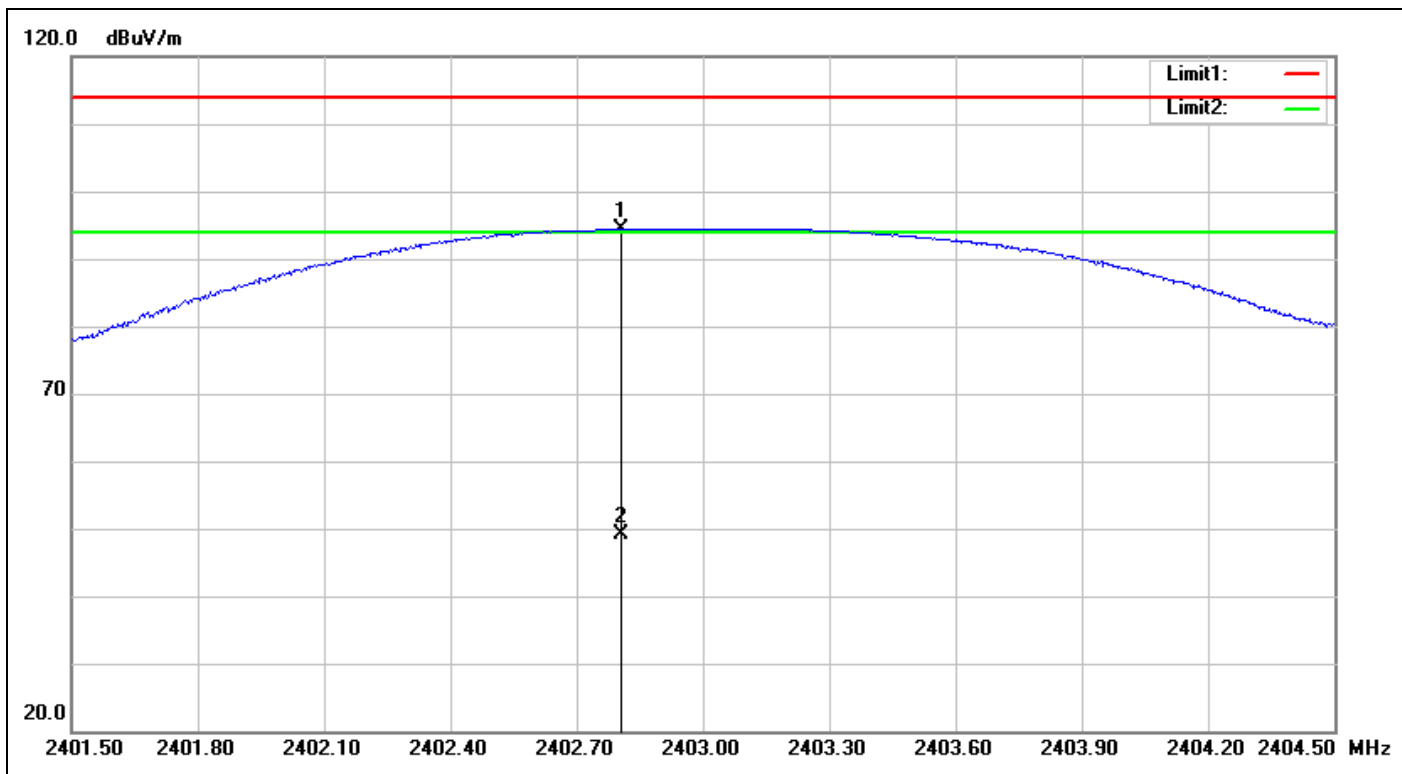
Radiated Emissions, Fundamental and Band Edges



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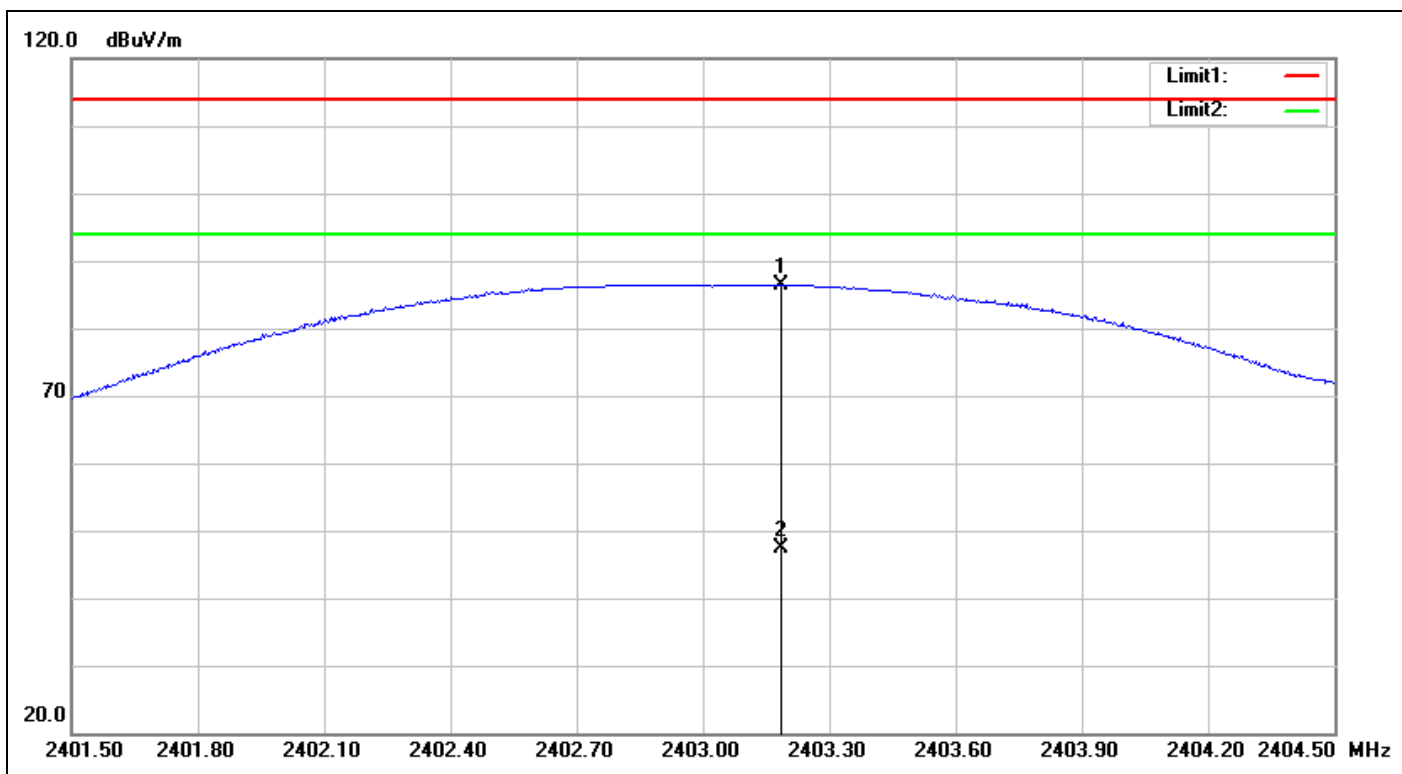
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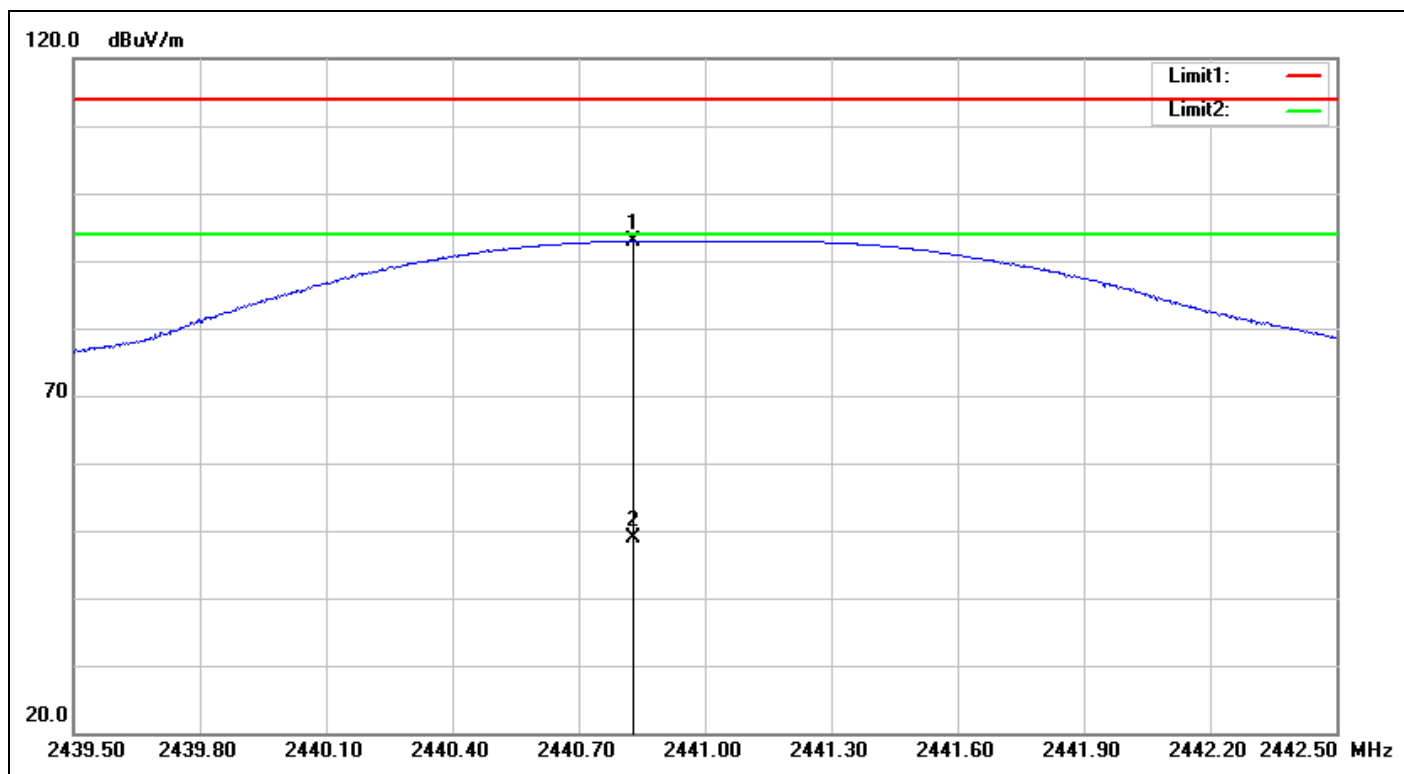
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Test Standard:	NCC_3.10.2_TX_PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 14:30:46
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	24(°C)/55%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2402.805	-8.01	102.38	94.37	114.00	-19.63	peak			
2	2402.805	-8.01	57.13	49.12	94.00	-44.88	AVG			



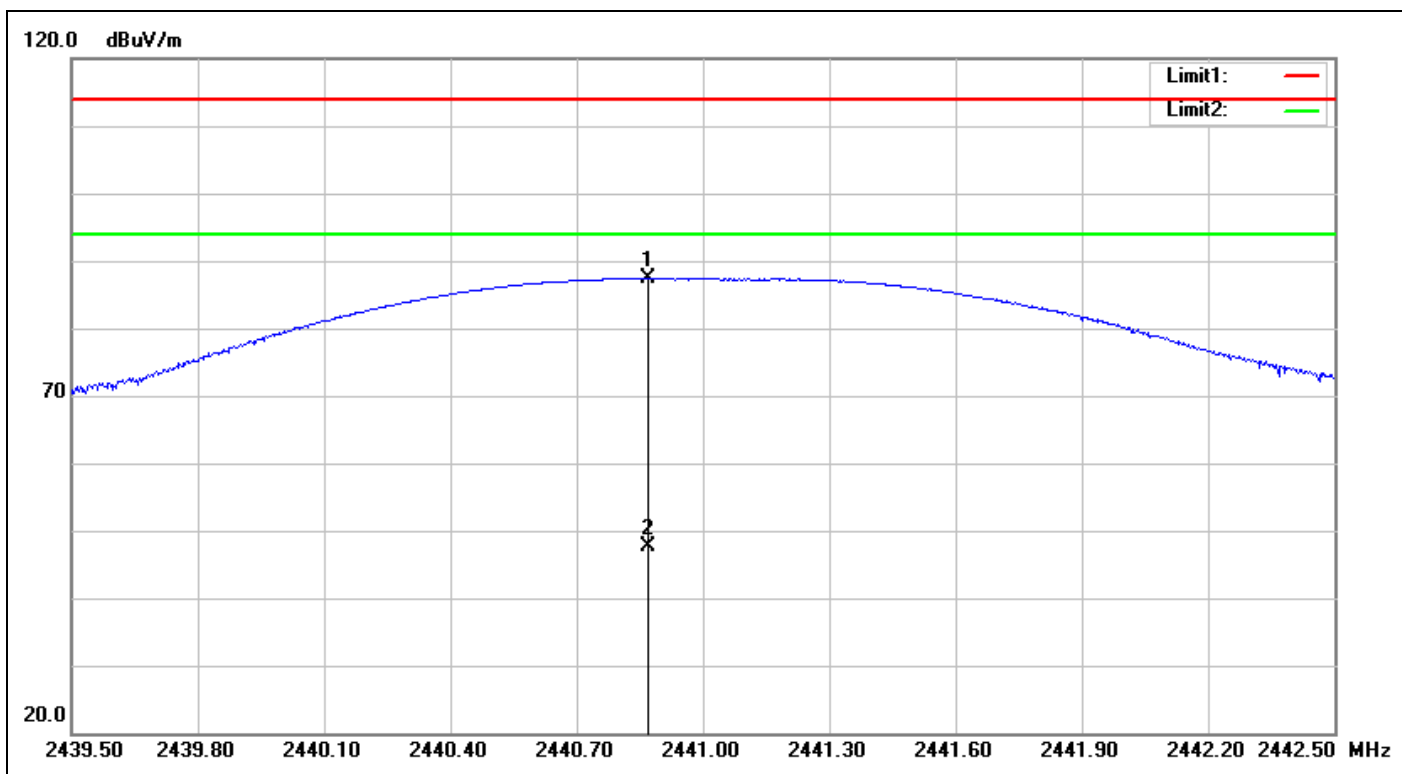
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Test Standard:	NCC_3.10.2_TX_PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 14:32:56
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	24(°C)/55%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2403.186	-8.01	94.39	86.38	114.00	-27.62	peak			
2	2403.186	-8.01	55.48	47.47	94.00	-46.53	AVG			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC_3.10.2_TX_PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 14:28:48
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	24(°C)/55%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2440.829	-7.94	100.83	92.89	114.00	-21.11	peak			
2	2440.829	-7.94	56.76	48.82	94.00	-45.18	AVG			



Service No.: 114063864-NCC

Test Standard: NCC_3.10.2_TX_PEAK

Test item: Radiation Emission

Applicant: Bron Elektronik AG

Product: WIRELESS FLASH TRIGGER
TRANSCEIVER

Model No.: RFS2.2C

Test Mode: 2441

Remark:

Test Distance: 3m

Ant. Polarization: Vertical

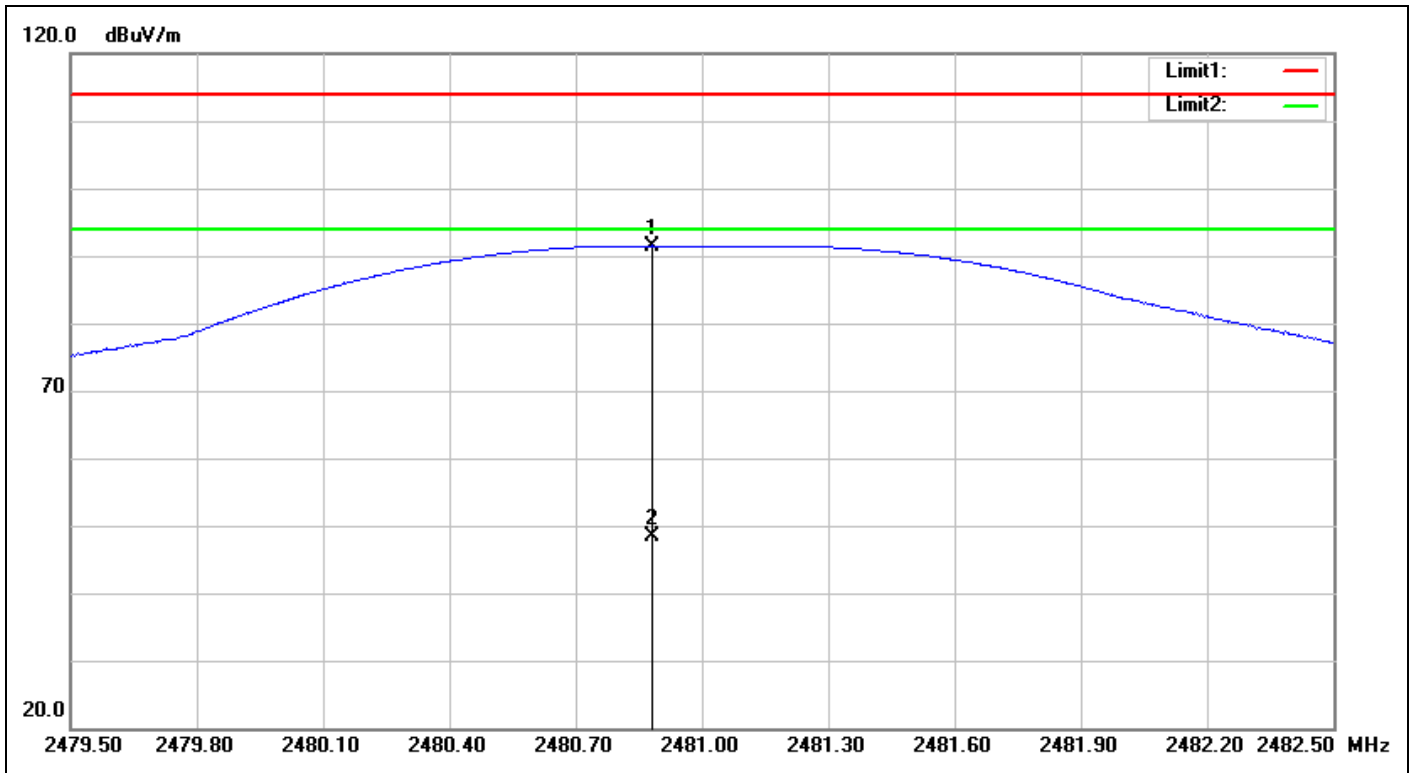
Test Time: 2017/5/19 14:27:52

Test Rating: DC 3V

Temp.(°C)/Hum.(%): 24(°C)/55%

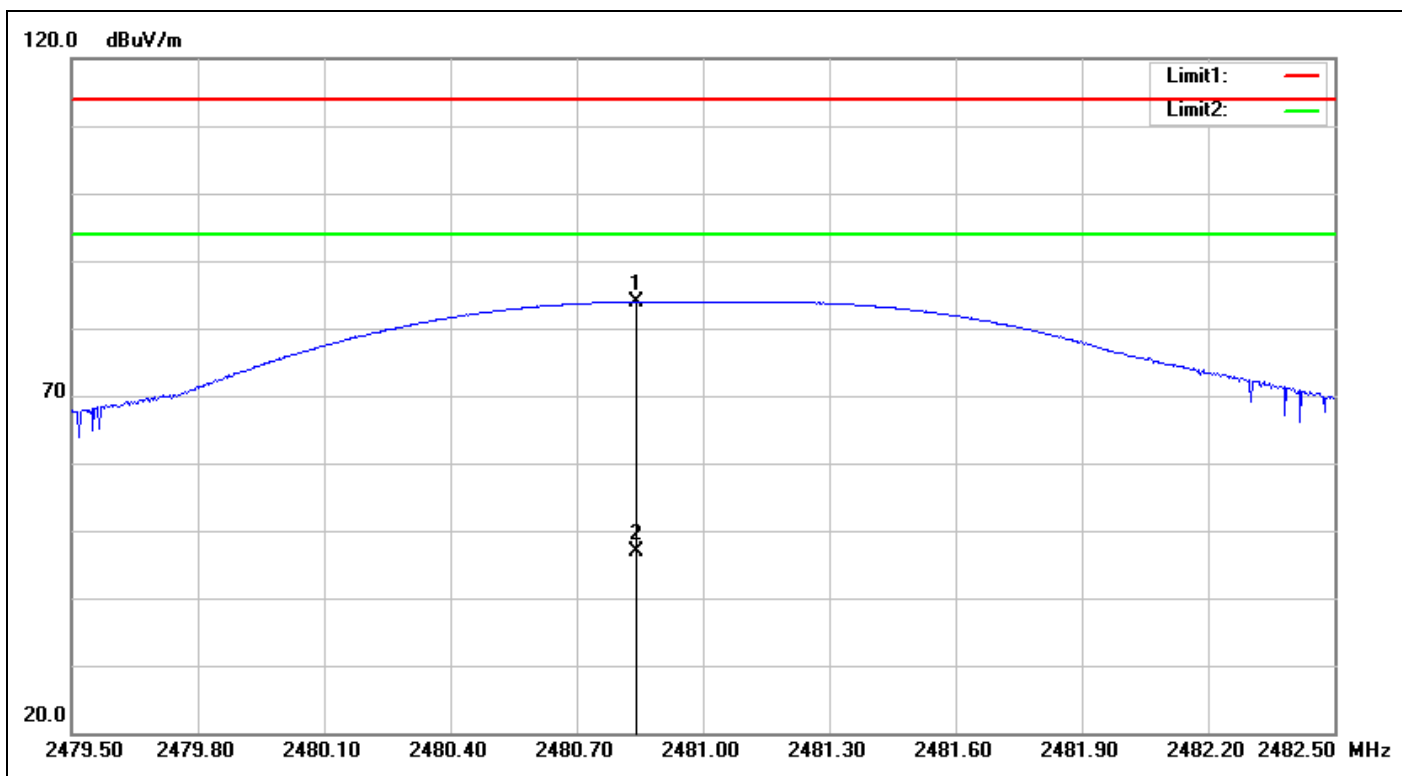
Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2440.871	-7.94	95.29	87.35	114.00	-26.65	peak			
2	2440.871	-7.94	55.60	47.66	94.00	-46.34	AVG			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC_3.10.2_TX_PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 14:24:08
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCEIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2481		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2480.883	-7.87	99.37	91.50	114.00	-22.50	peak		0	
2	2480.883	-7.87	56.32	48.45	94.00	-45.55	AVG		0	



Service No.: 114063864-NCC

Test Standard: NCC_3.10.2_TX_PEAK

Test item: Radiation Emission

Applicant: Bron Elektronik AG

Product: WIRELESS FLASH TRIGGER
TRANSCEIVER

Model No.: RFS2.2C

Test Mode: 2481

Remark:

Test Distance: 3m

Ant. Polarization: Vertical

Test Time: 2017/5/19 14:25:20

Test Rating: DC 3V

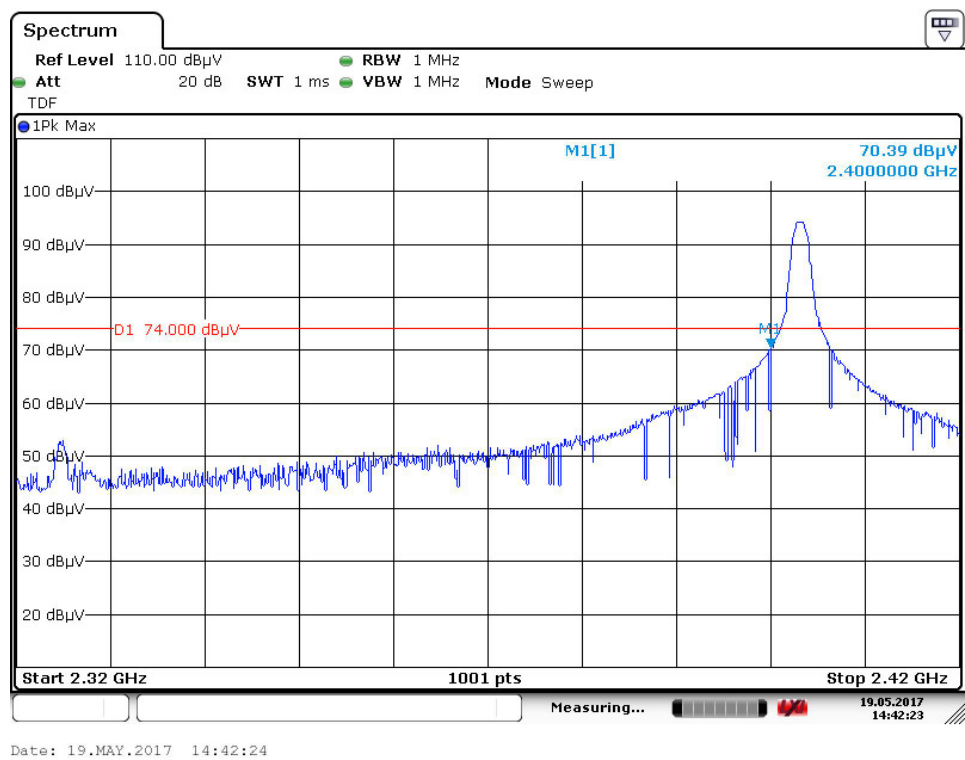
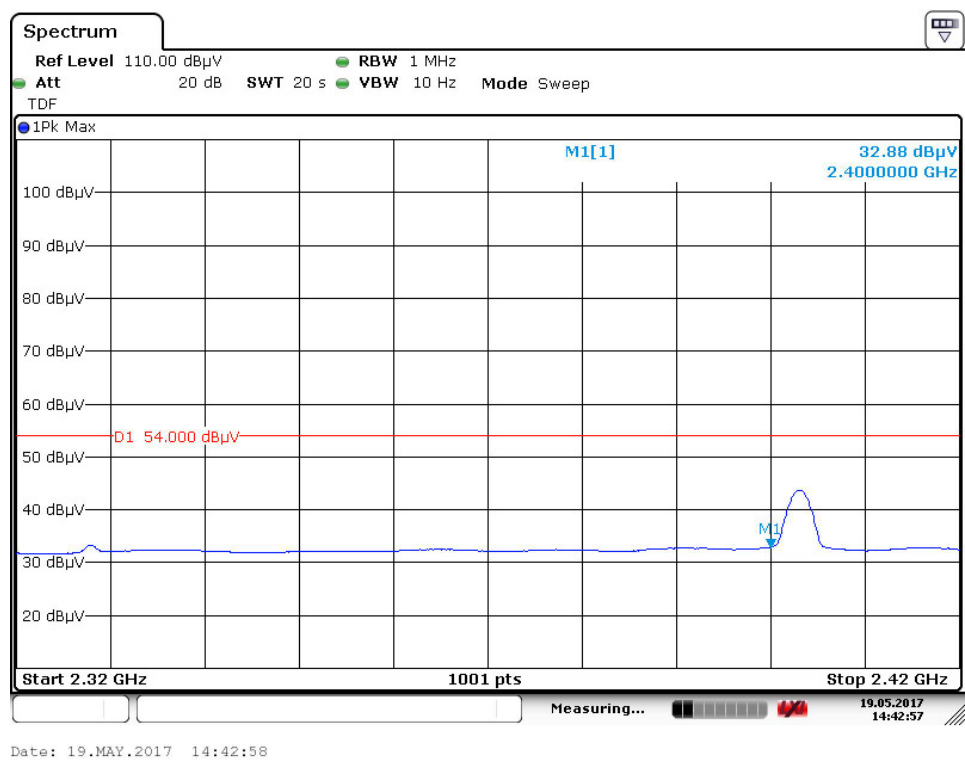
Temp.(°C)/Hum.(%): 24(°C)/55%

Test Engineer: George Yang

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2480.841	-7.87	91.79	83.92	114.00	-30.08	peak			
2	2480.841	-7.87	54.78	46.91	94.00	-47.09	AVG			

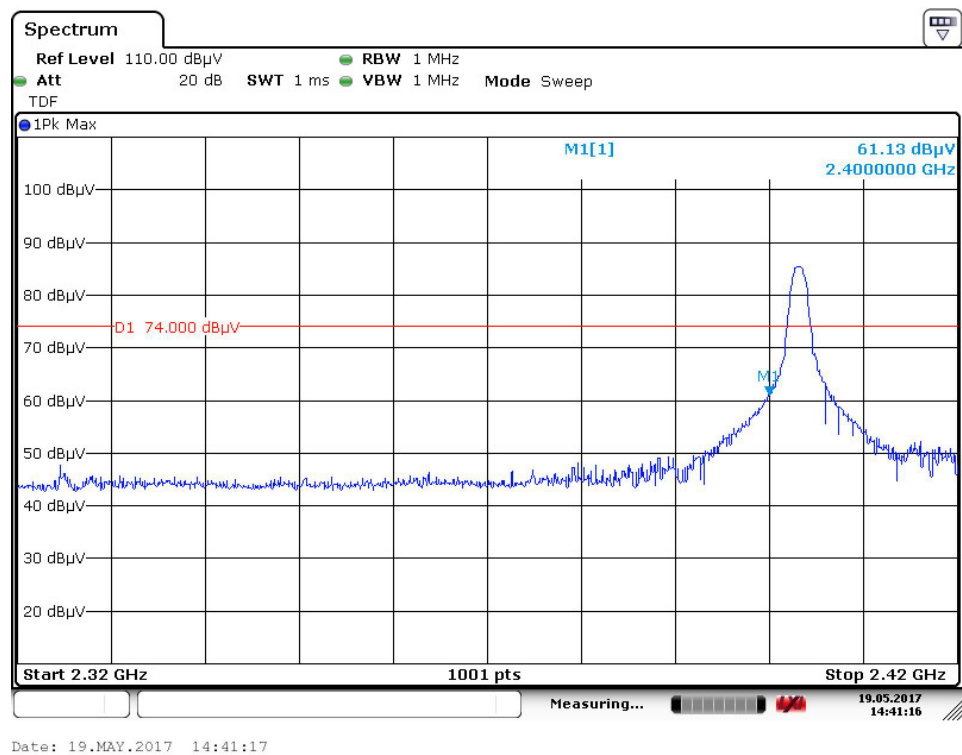
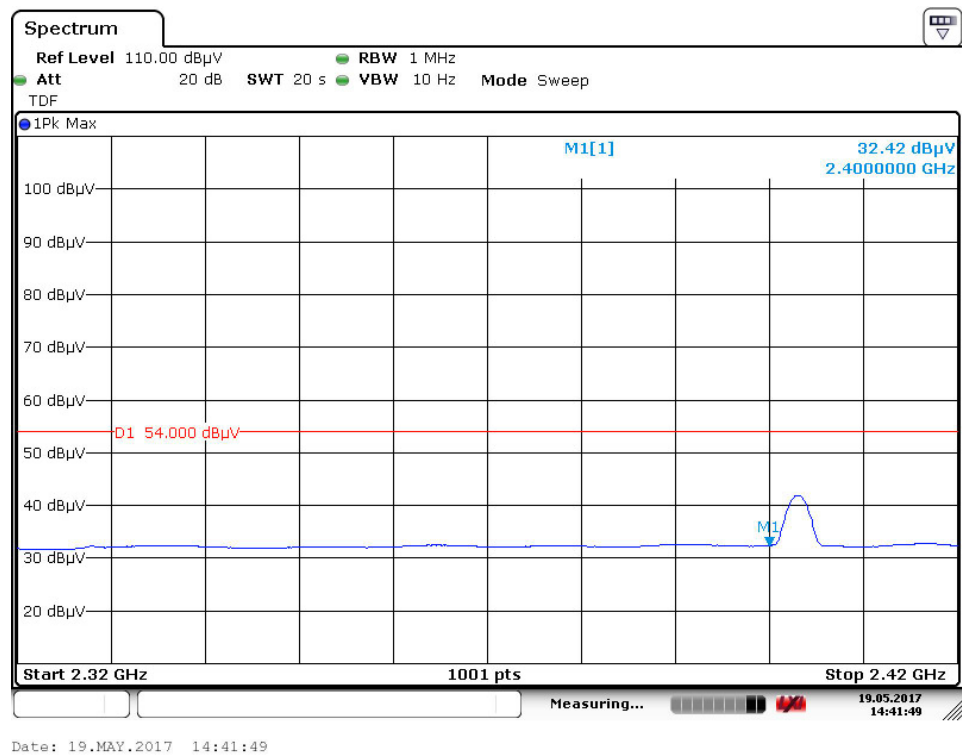
Radiated Bandedge (GFSK)

Low Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

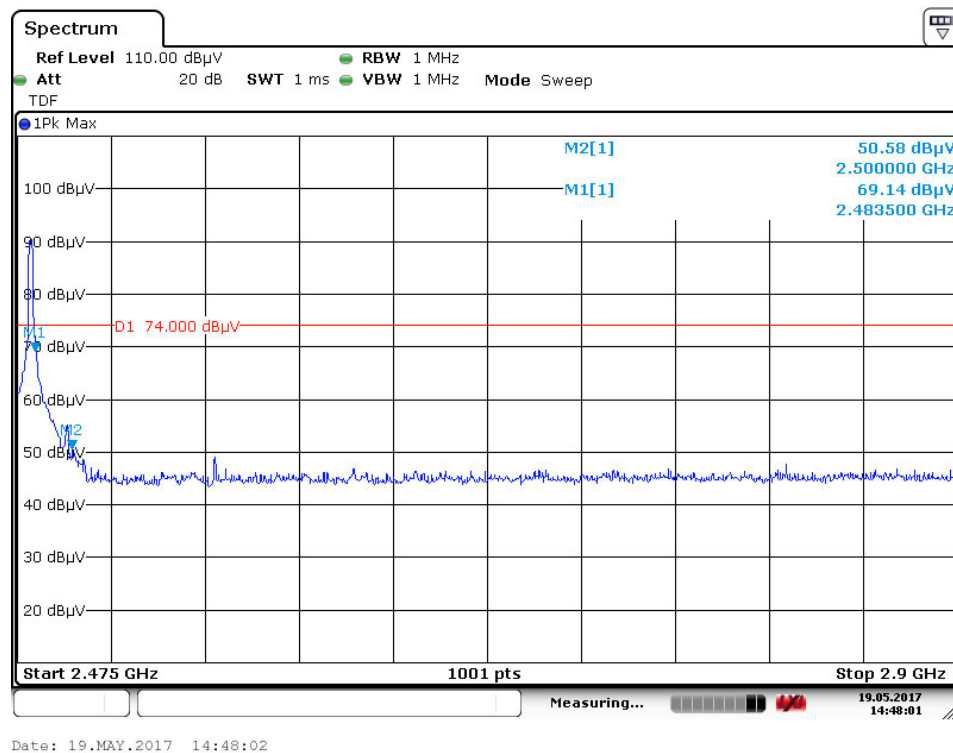
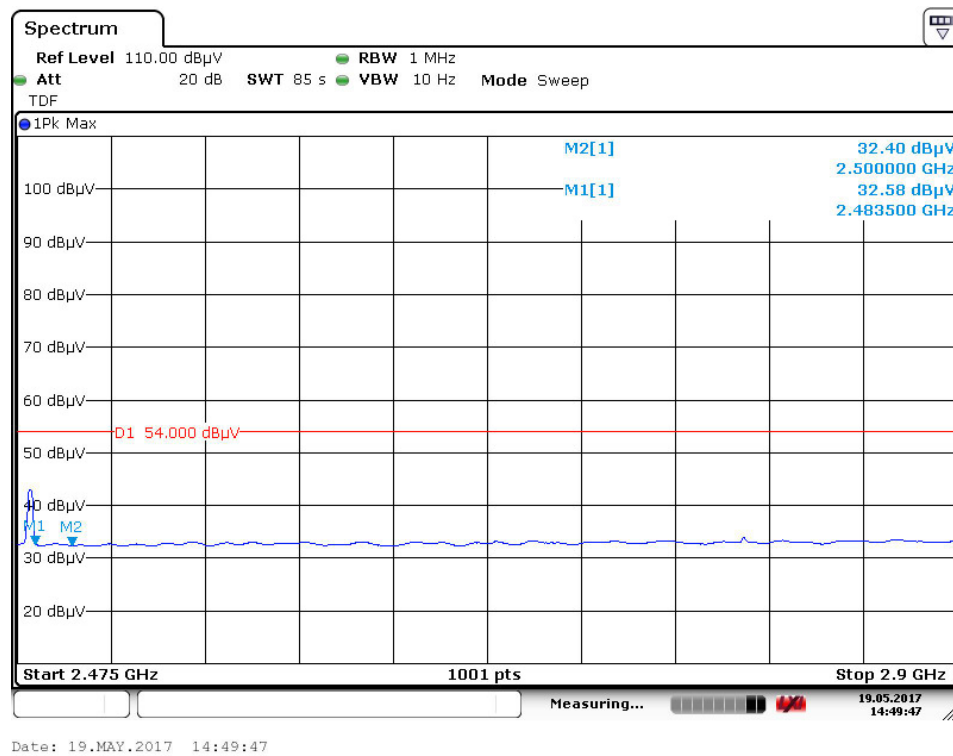
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

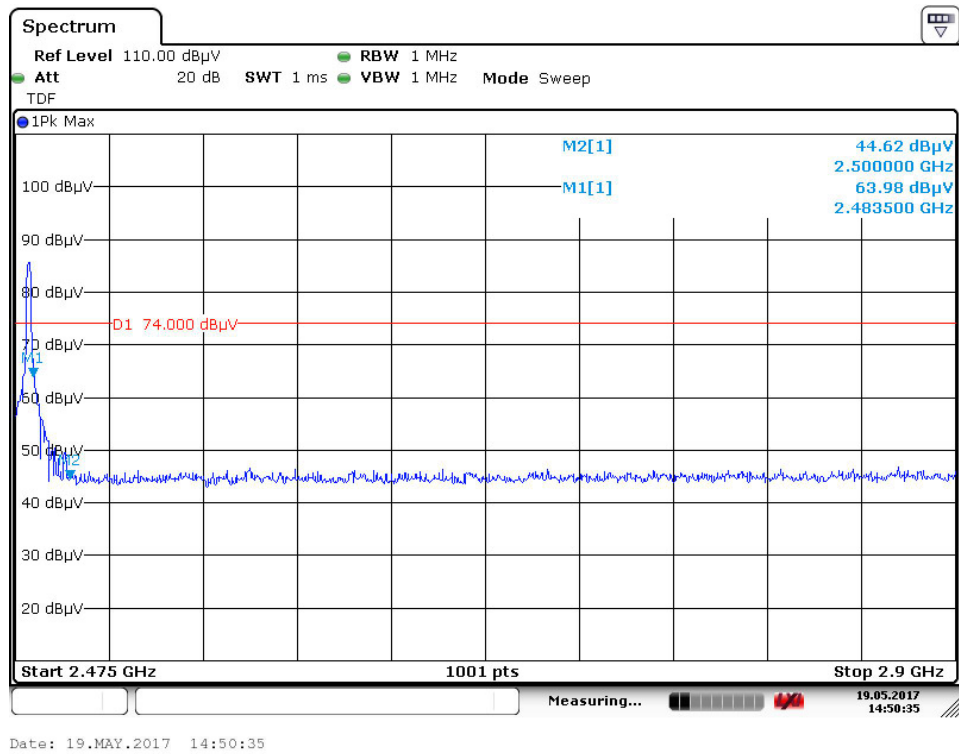
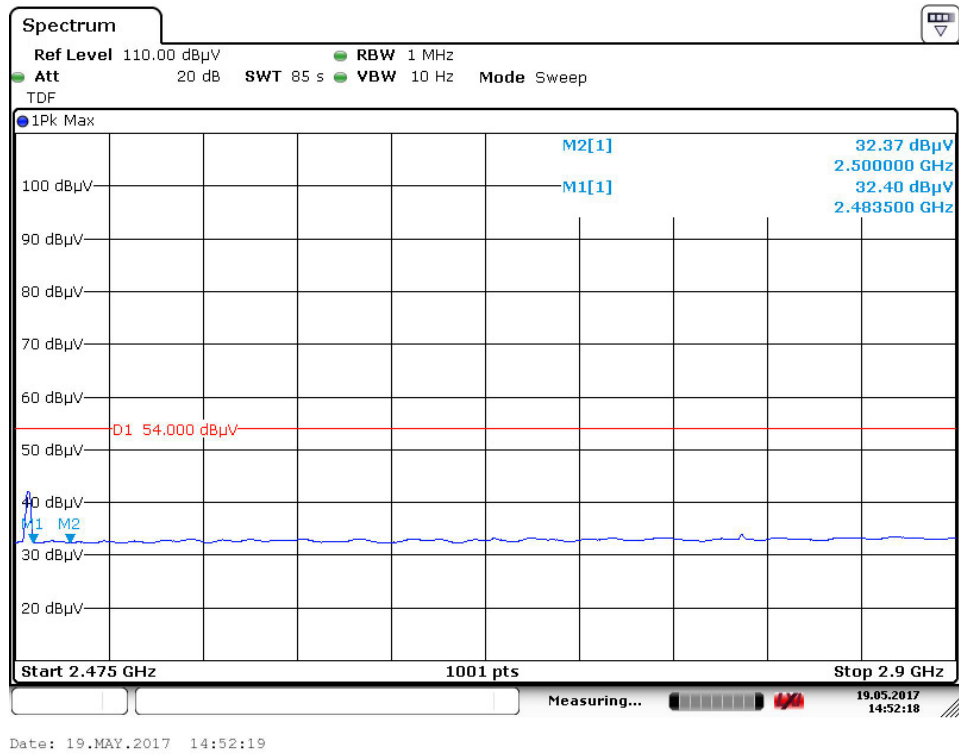
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

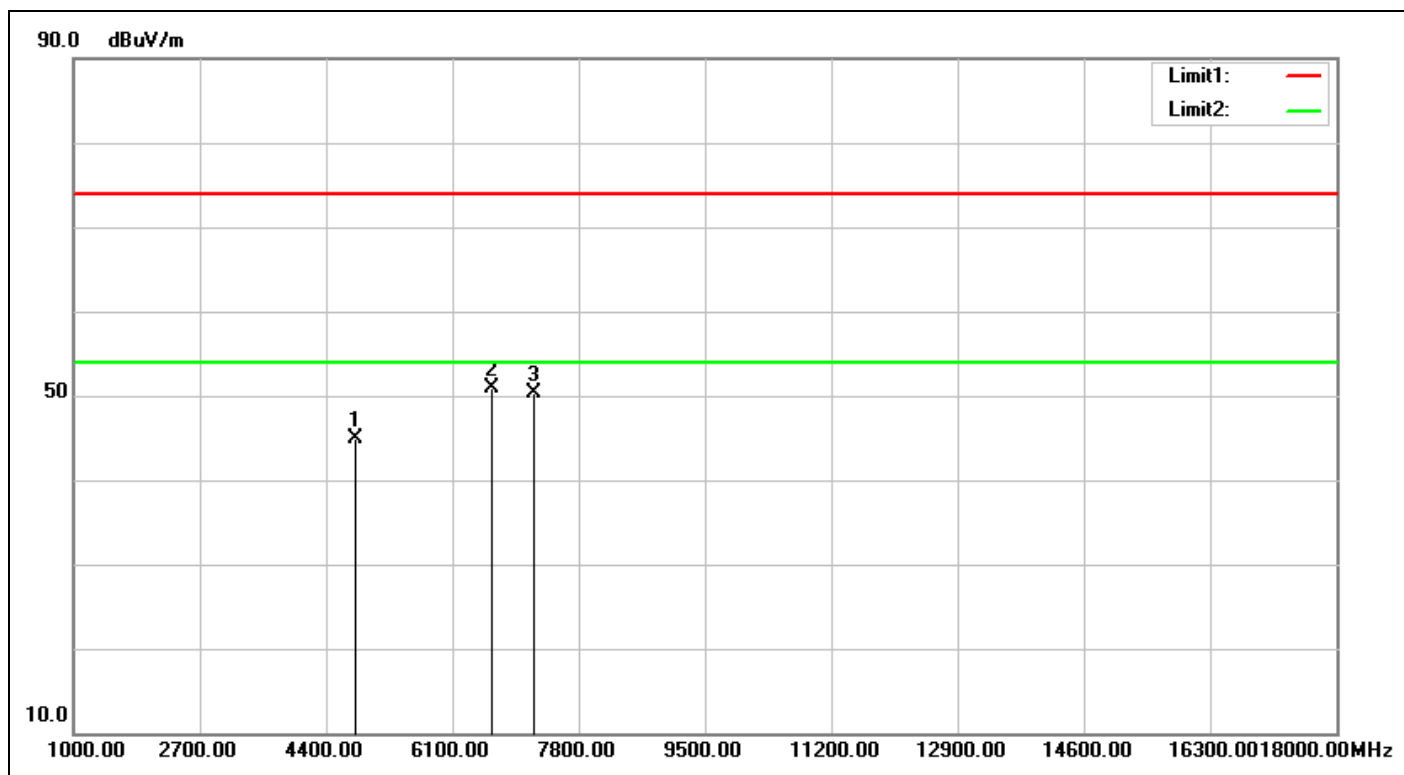
Spurious Emissions, TX Mode, 1-18G



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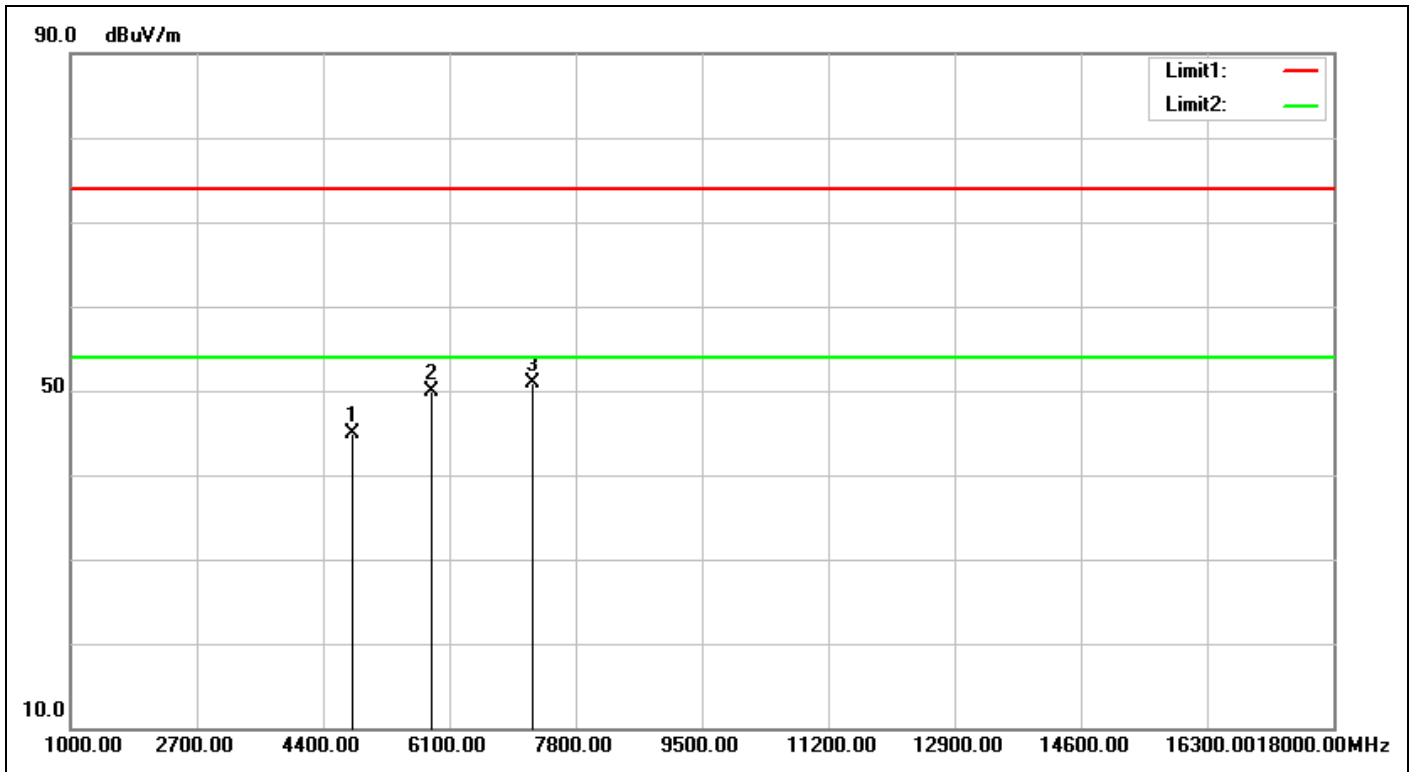
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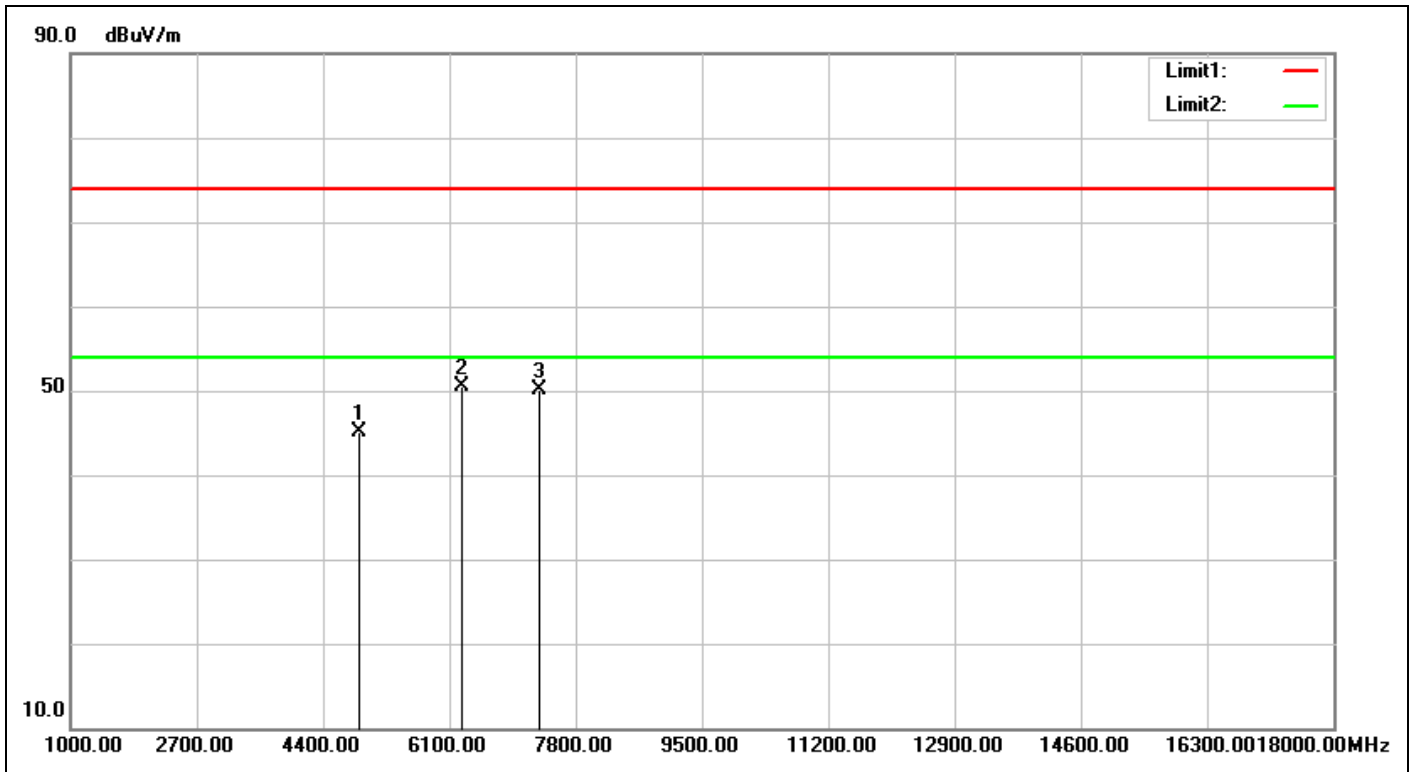
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:04:32
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4806.000	-2.86	47.85	44.99	74.00	-29.01	peak			
2	6627.000	5.45	45.49	50.94	74.00	-23.06	peak	100	48	
3	7209.000	5.58	44.75	50.33	74.00	-23.67	peak			



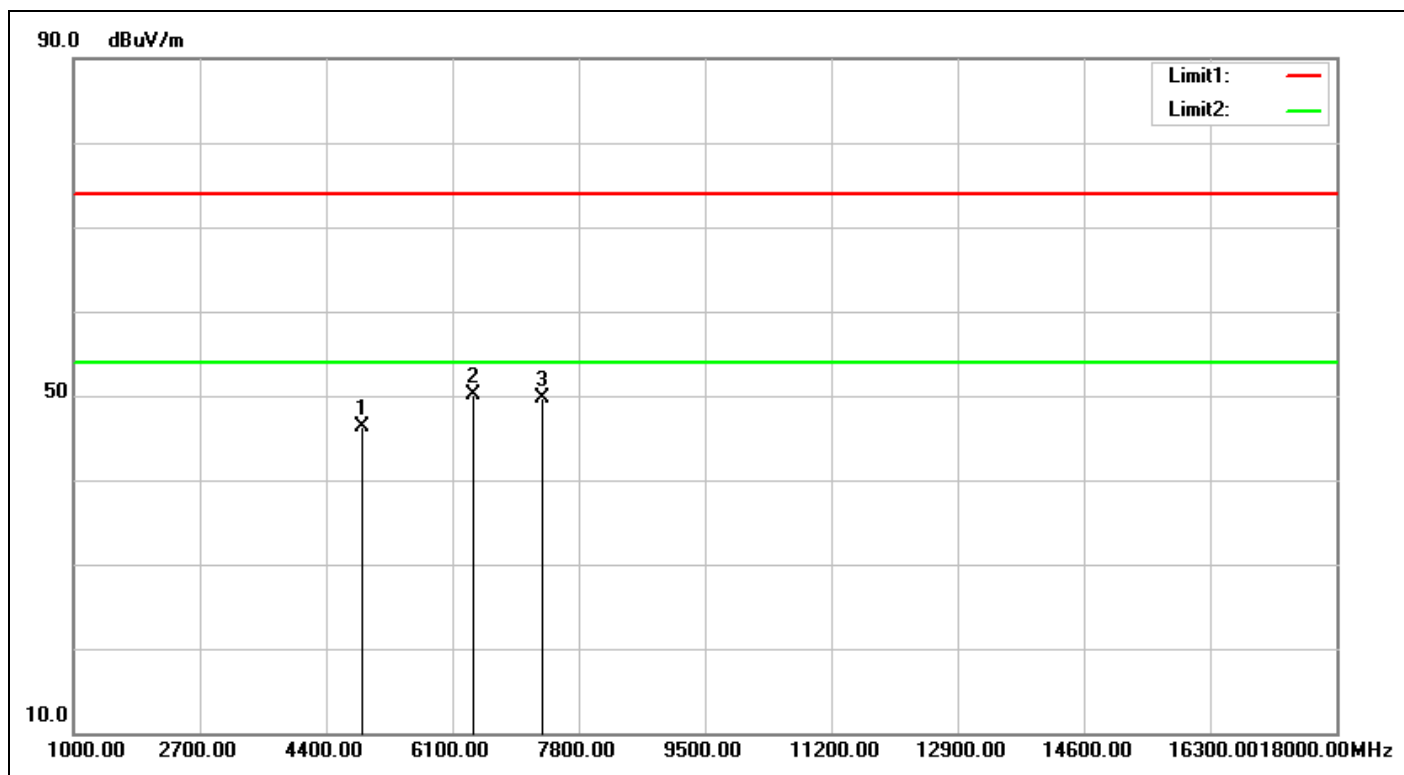
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:05:35
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4806.000	-2.86	47.69	44.83	74.00	-29.17	peak			
2	5862.000	3.02	46.86	49.88	74.00	-24.12	peak	100	282	
3	7209.000	5.58	45.27	50.85	74.00	-23.15	peak			



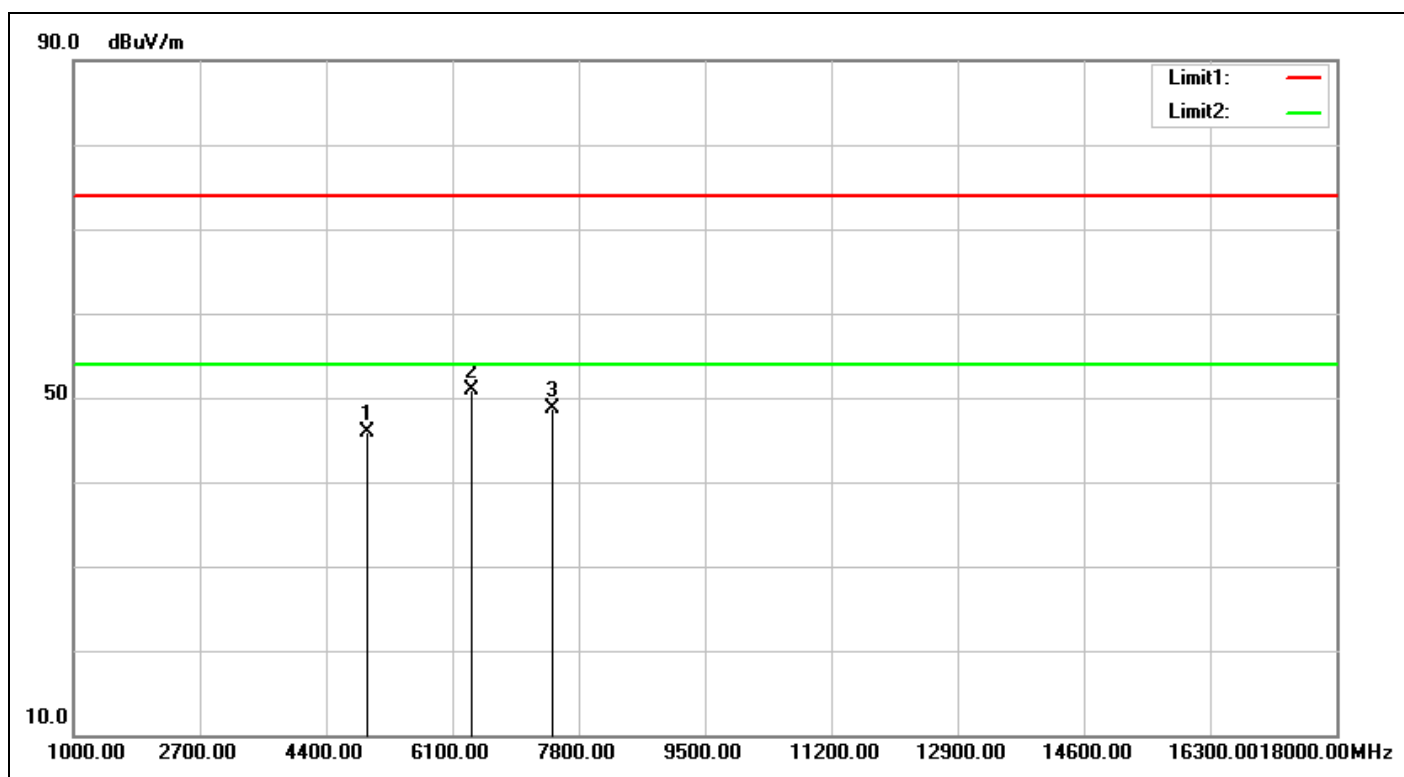
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 14:58:59
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	-2.68	47.84	45.16	74.00	-28.84	peak			
2	6270.000	4.88	45.62	50.50	74.00	-23.50	peak	100	284	
3	7323.000	5.95	44.24	50.19	74.00	-23.81	peak			



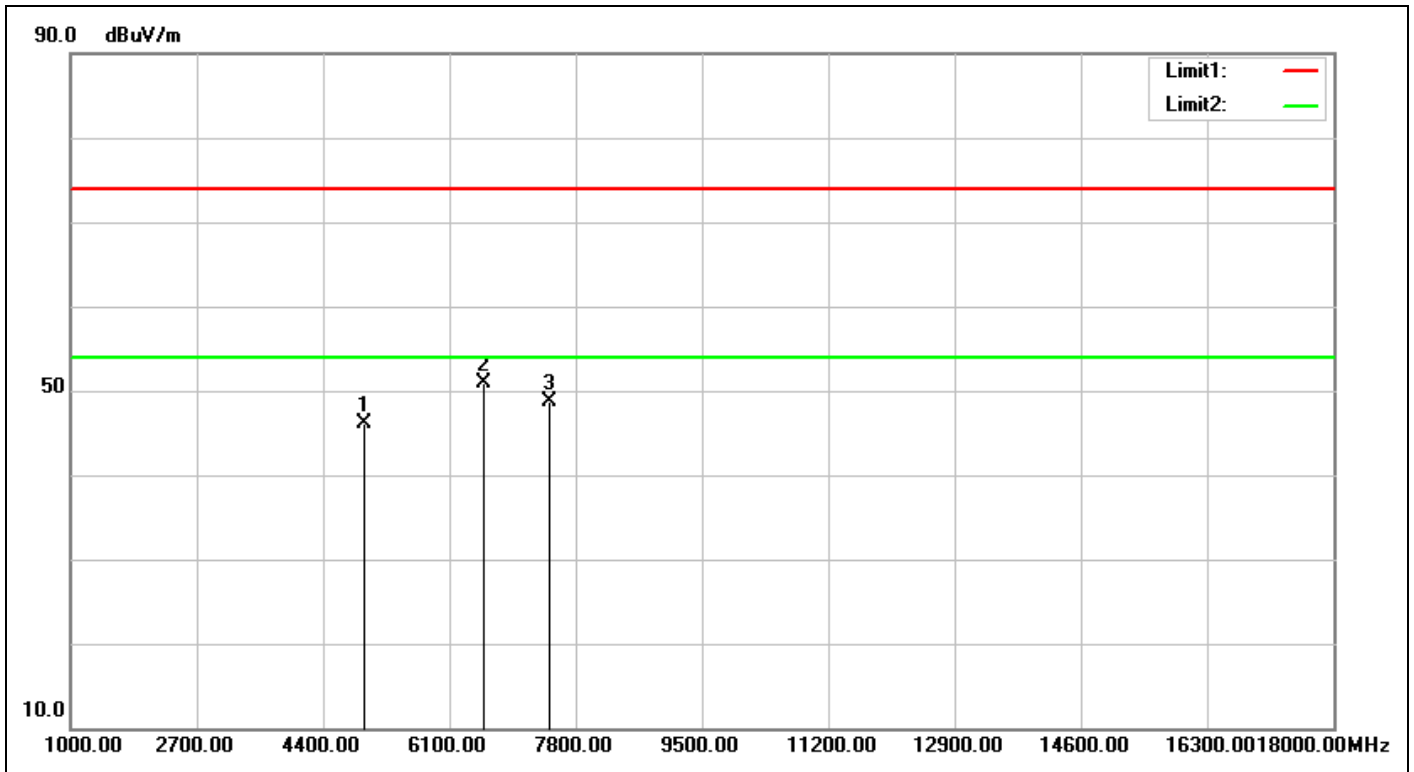
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:00:01
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	-2.68	49.07	46.39	74.00	-27.61	peak			
2	6389.000	5.28	44.81	50.09	74.00	-23.91	peak	100	273	
3	7323.000	5.95	43.83	49.78	74.00	-24.22	peak			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 14:52:35
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2481-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4962.000	-2.50	48.31	45.81	74.00	-28.19	peak		0	
2	6355.000	5.17	45.66	50.83	74.00	-23.17	peak	100	115	
3	7443.000	6.37	42.33	48.70	74.00	-25.30	peak		0	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 14:53:37
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2481-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4962.000	-2.50	48.56	46.06	74.00	-27.94	peak			
2	6559.000	5.56	45.36	50.92	74.00	-23.08	peak	100	164	
3	7443.000	6.37	42.39	48.76	74.00	-25.24	peak			

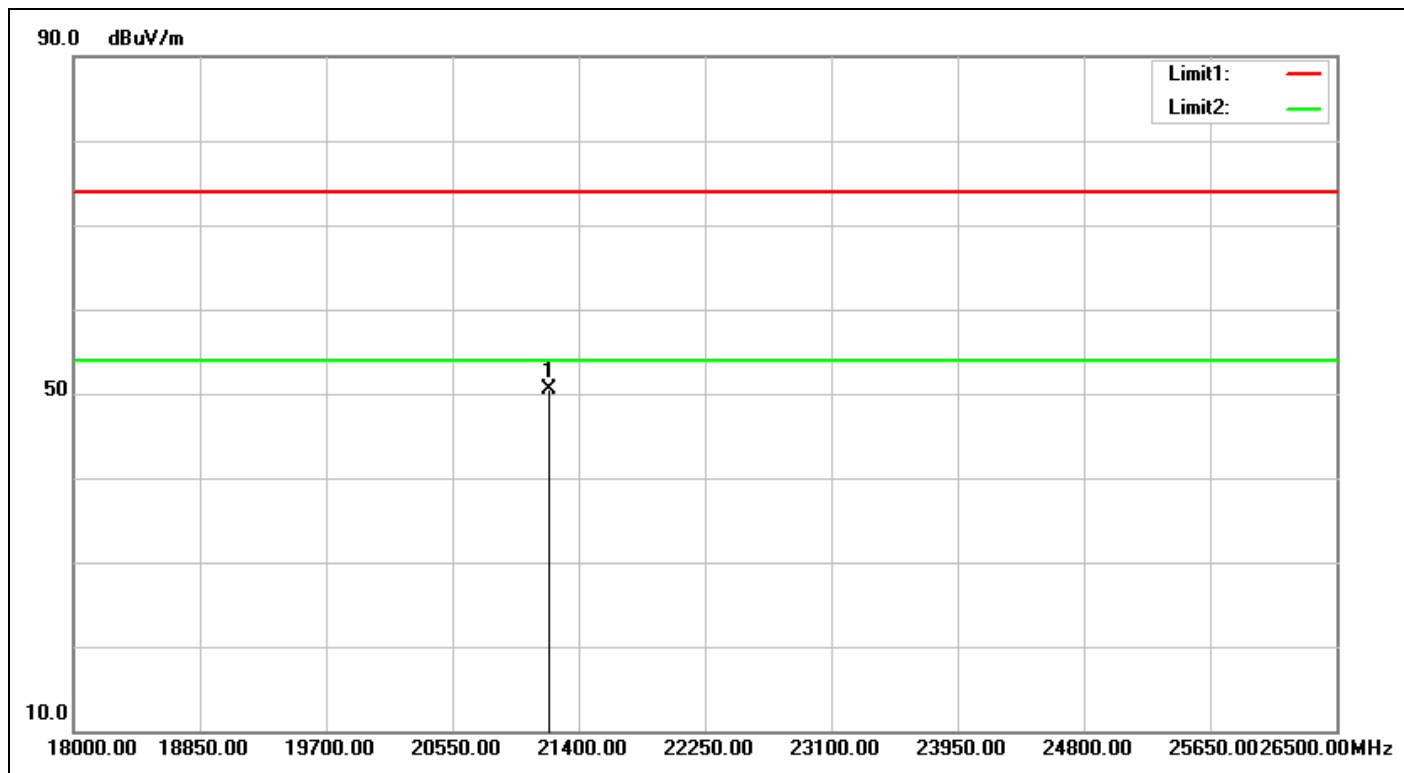
Spurious Emissions, TX Mode, 18-26G



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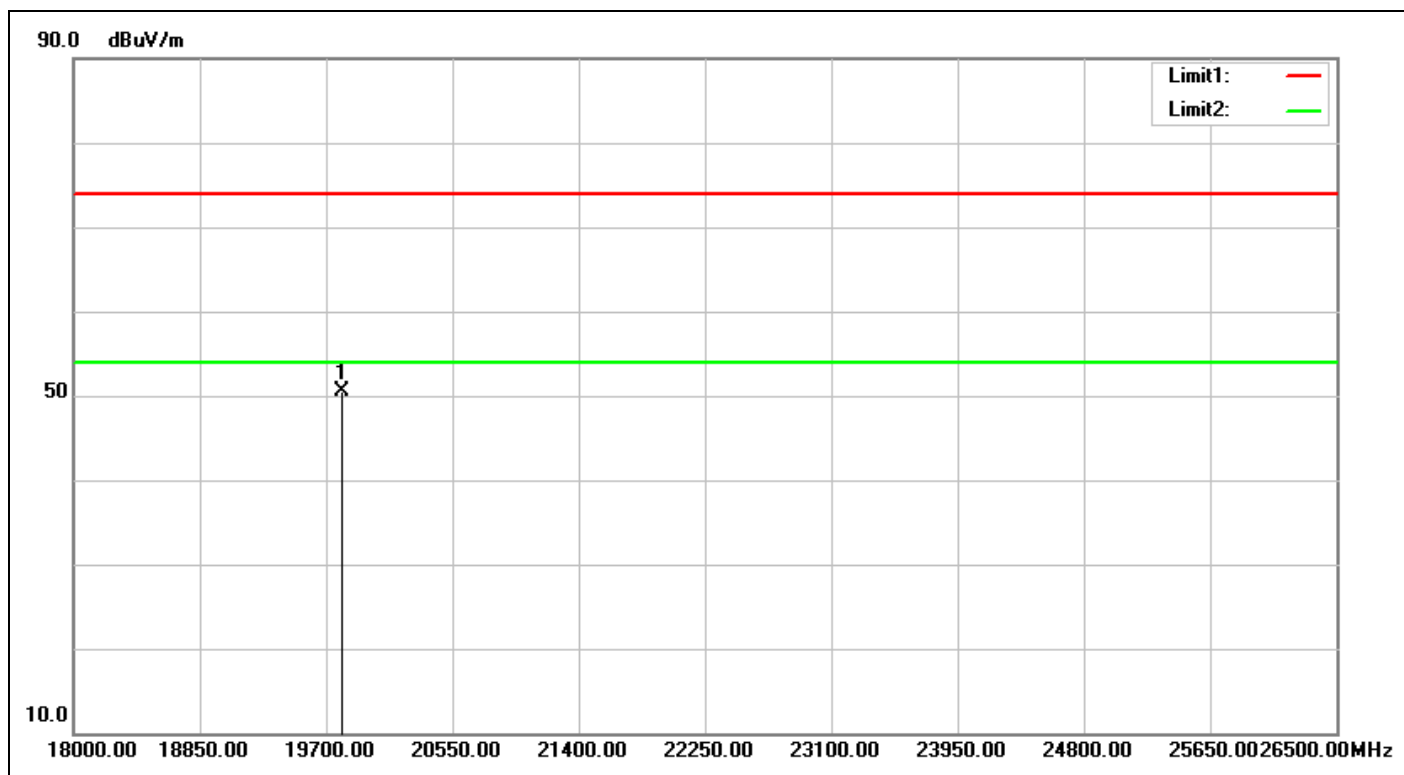
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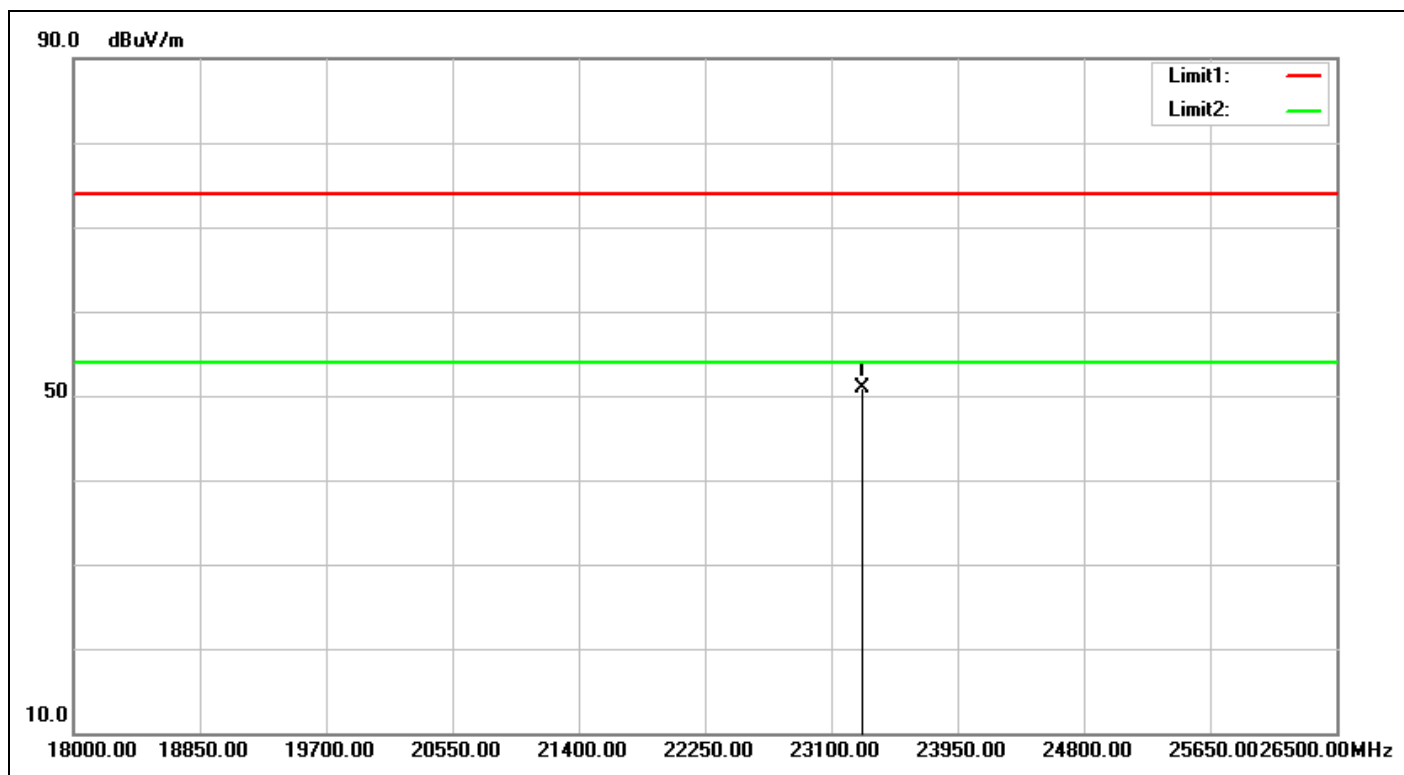
Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:26:04
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21204.500	32.23	18.18	50.41	74.00	-23.59	peak		0	



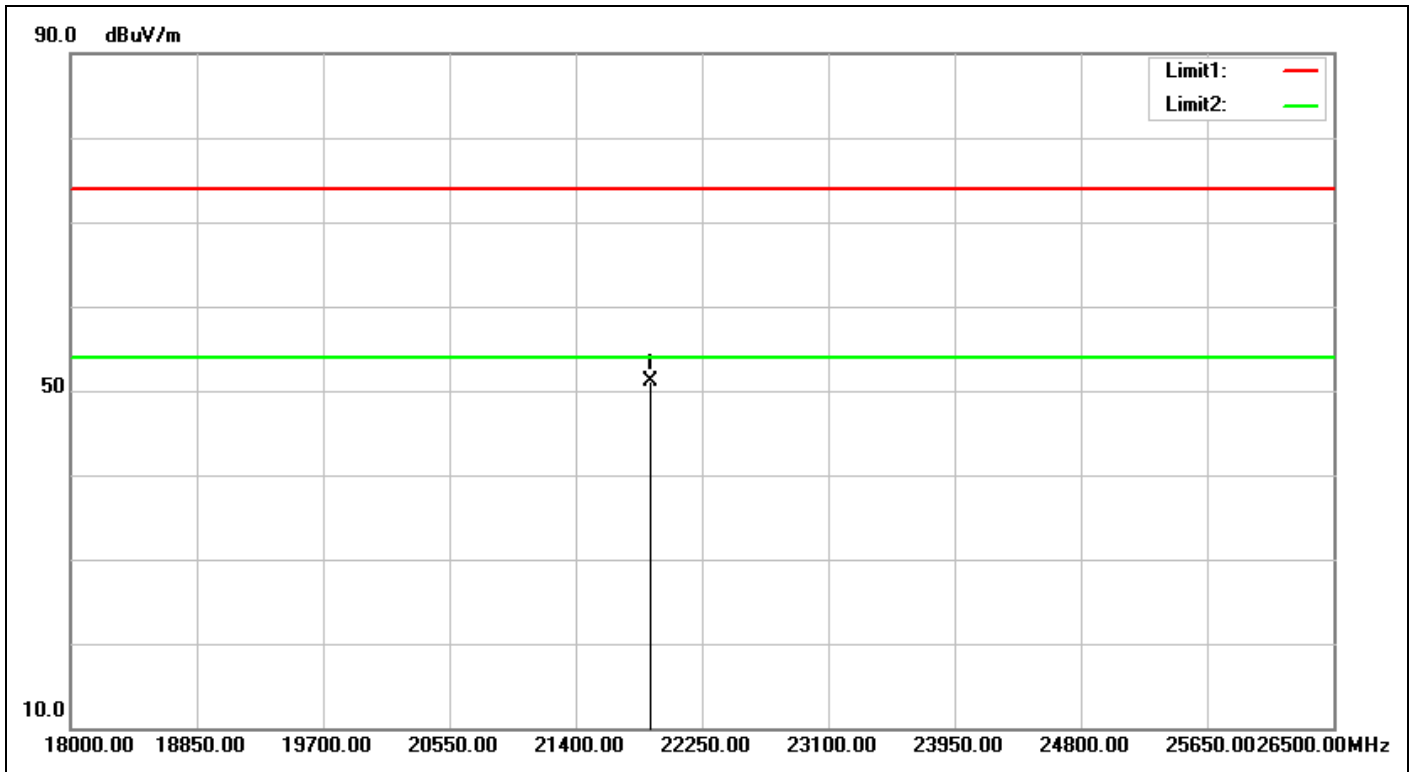
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:26:14
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2403-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19802.000	31.37	19.05	50.42	74.00	-23.58	peak			



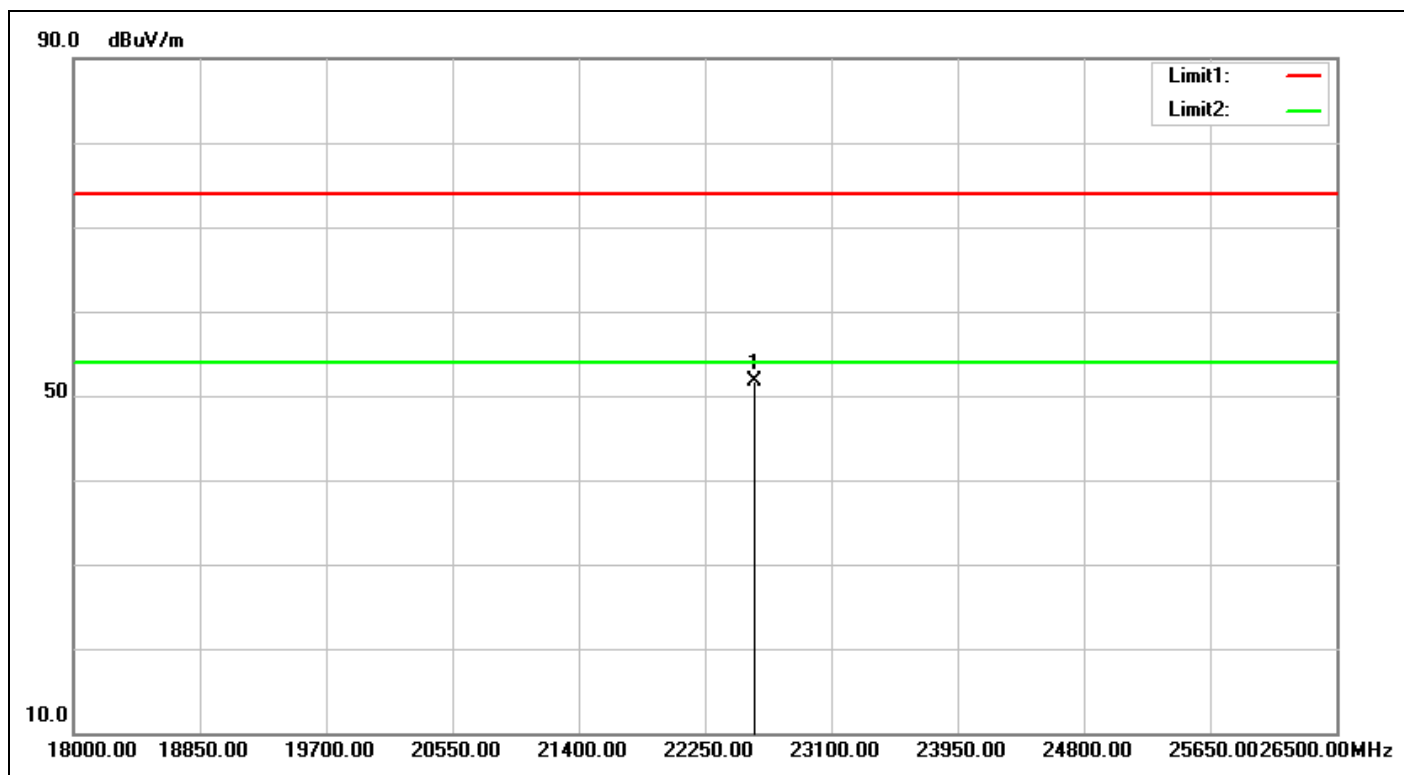
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:26:28
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	23312.500	32.70	18.18	50.88	74.00	-23.12	peak			



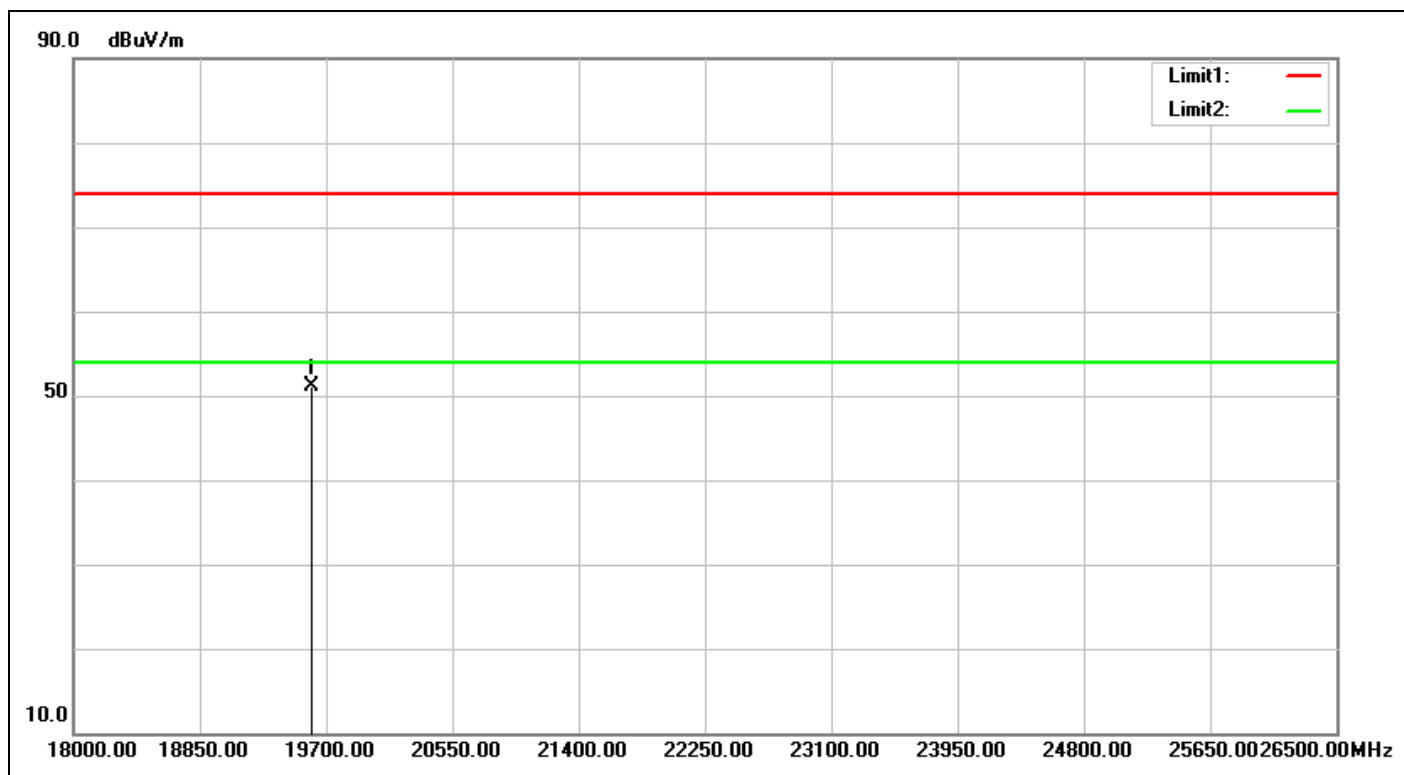
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:26:36
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%):	24(°C)/55%
	TRANSCIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	21901.500	33.02	18.11	51.13	74.00	-22.87	peak			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:26:49
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2481-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22581.500	32.81	18.82	51.63	74.00	-22.37	peak			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:27:01
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	2481-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19598.000	31.27	19.82	51.09	74.00	-22.91	peak			

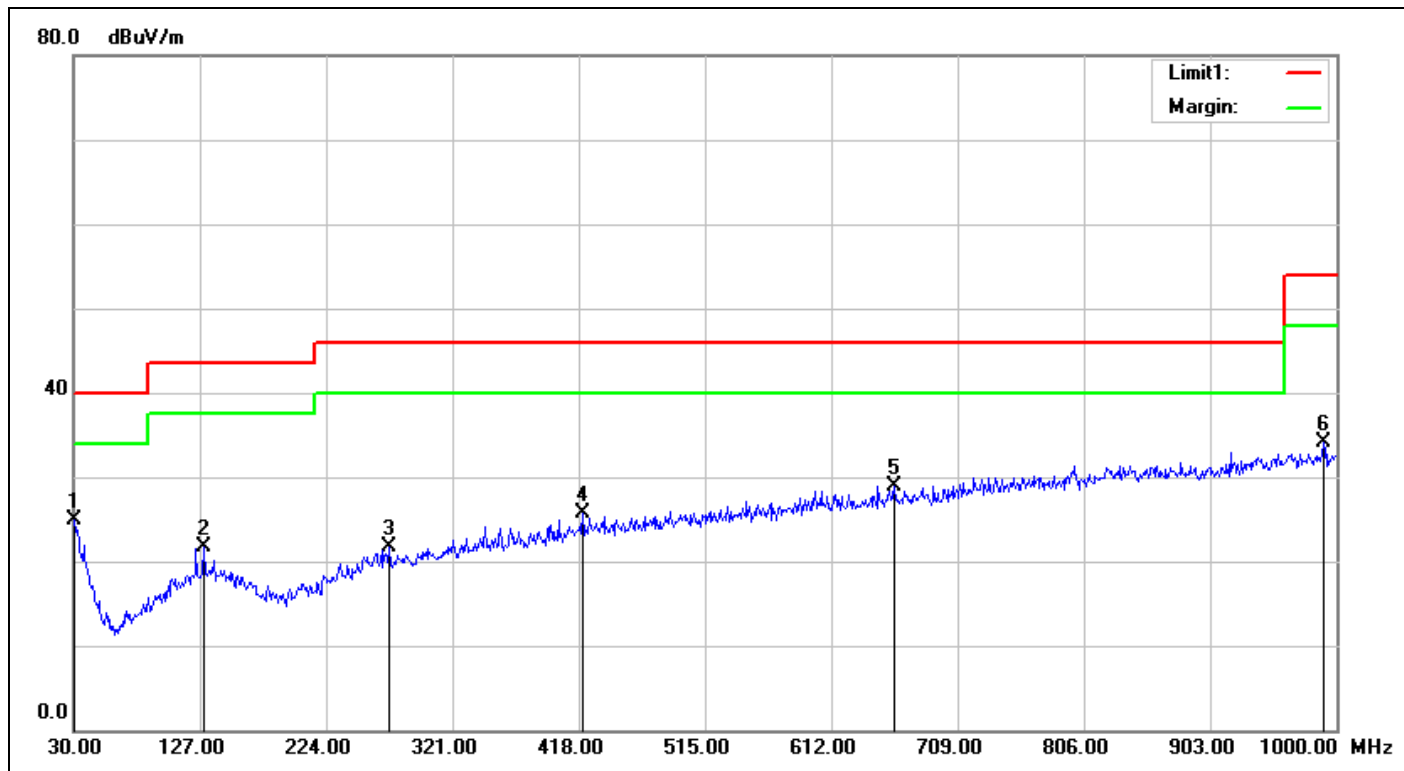
Spurious Emissions, TX Mode, 30M-1G



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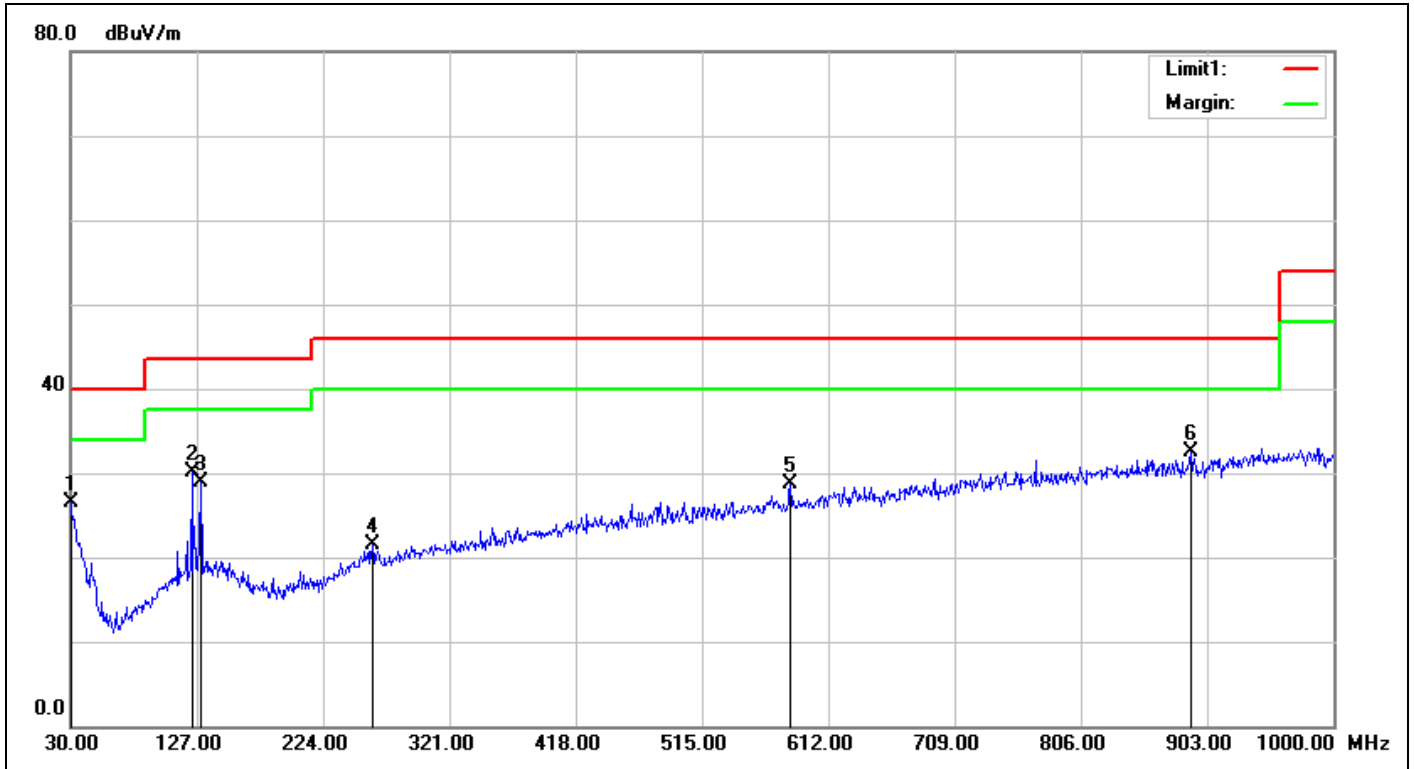
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Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:47:35
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%):	24(°C)/55%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	30.9700	-0.62	25.61	24.99	40.00	-15.01	QP	100	237	
2	129.9100	-6.96	28.75	21.79	43.50	-21.71	QP	100	39	
3	272.5000	-5.26	26.94	21.68	46.00	-24.32	QP	100	301	
4	420.9100	-2.37	28.09	25.72	46.00	-20.28	QP	100	109	
5	660.5000	0.66	28.34	29.00	46.00	-17.00	QP	100	184	
6	990.3000	5.74	28.34	34.08	54.00	-19.92	QP	100	45	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:48:38
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	24(°C)/55%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	30.0000	-0.07	26.51	26.44	40.00	-13.56	QP	100	185	
2	123.1200	-7.22	37.41	30.19	43.50	-13.31	QP	100	232	
3	129.9100	-6.96	35.91	28.95	43.50	-14.55	QP	100	226	
4	261.8300	-4.96	26.40	21.44	46.00	-24.56	QP	100	360	
5	582.9000	-0.26	29.04	28.78	46.00	-17.22	QP	100	112	
6	890.3900	4.06	28.35	32.41	46.00	-13.59	QP	100	346	

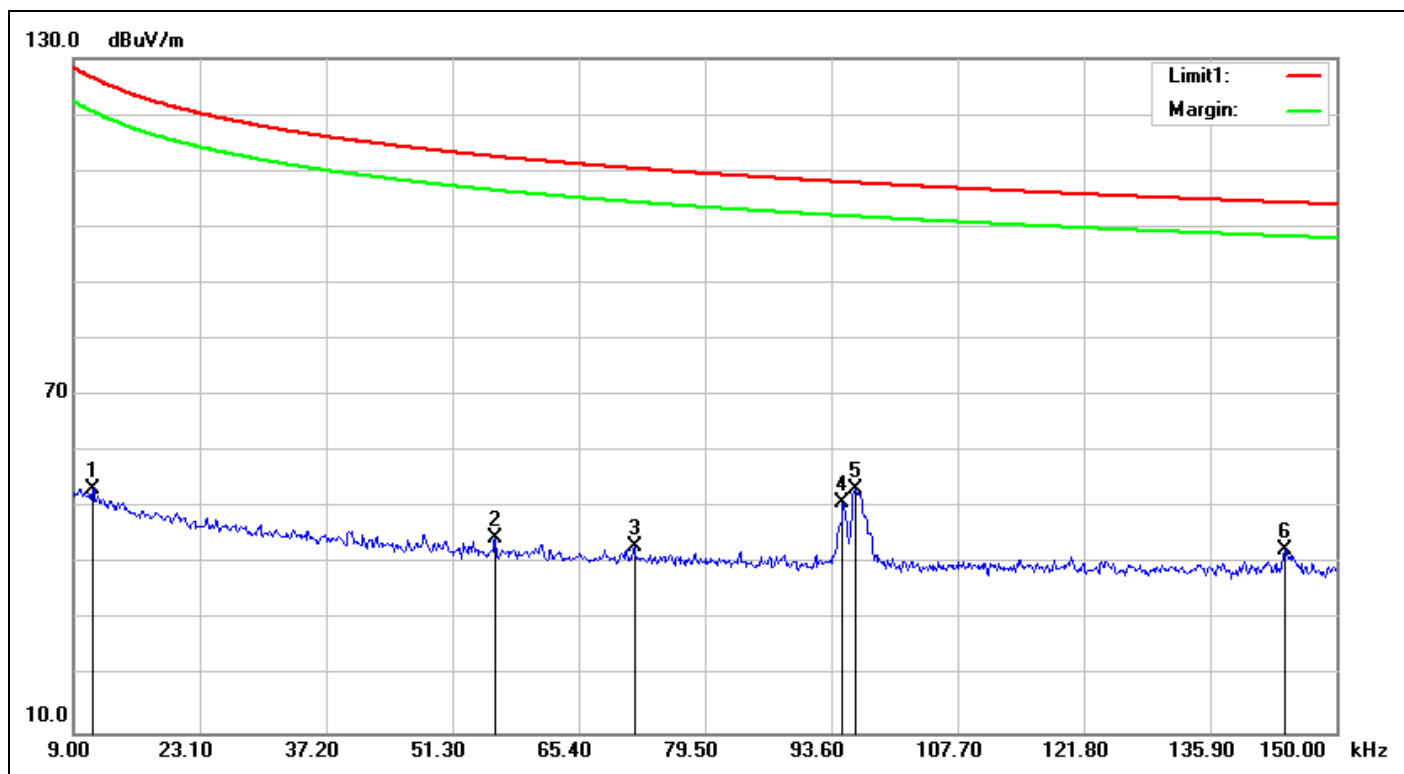
Spurious Emissions, TX Mode, 9k-30M



TUV Taiwan

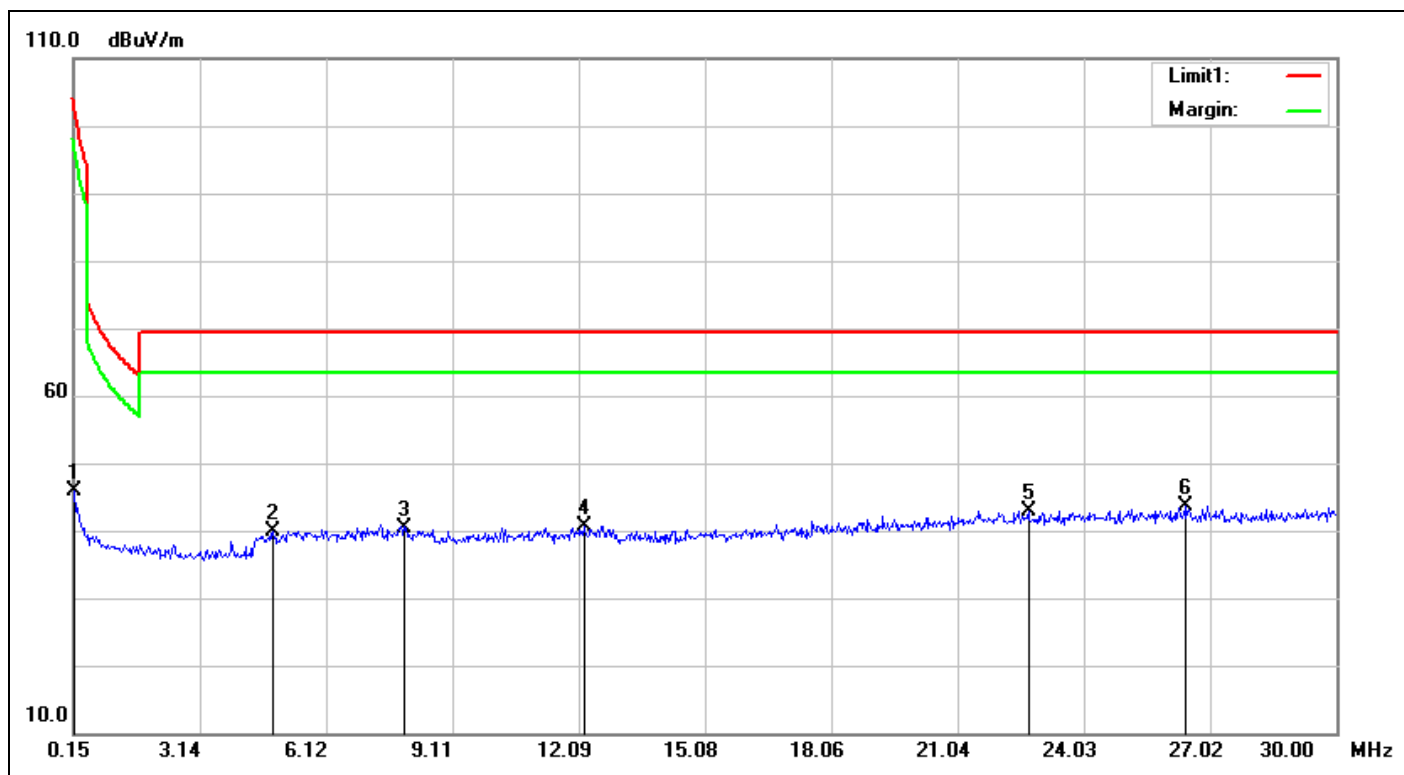
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/5/25 20:41:39
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIVER	Temp.(°C)/Hum.(%):	20.3(°C)/63%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	0.0111	20.32	33.07	53.39	126.50	-73.11	QP	100	161	
2	0.0560	19.17	25.47	44.64	112.52	-67.88	QP	100	231	
3	0.0716	19.06	24.10	43.16	110.40	-67.24	QP	100	322	
4	0.0948	18.88	32.05	50.93	107.98	-57.05	QP	100	290	
5	0.0962	18.87	34.36	53.23	107.85	-54.62	QP	100	188	
6	0.1442	18.81	23.82	42.63	104.36	-61.73	QP	100	274	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/5/25 20:38:34
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	20.3(°C)/63%
	TRANSCIEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	0.1798	18.77	27.20	45.97	102.45	-56.48	QP	100	290	
2	4.8662	19.55	20.31	39.86	69.50	-29.64	QP	100	239	
3	8.0004	20.07	20.39	40.46	69.50	-29.04	QP	100	94	
4	12.2094	20.64	19.97	40.61	69.50	-28.89	QP	100	45	
5	22.7165	21.75	21.23	42.98	69.50	-26.52	QP	100	338	
6	26.4179	22.01	21.67	43.68	69.50	-25.82	QP	100	134	

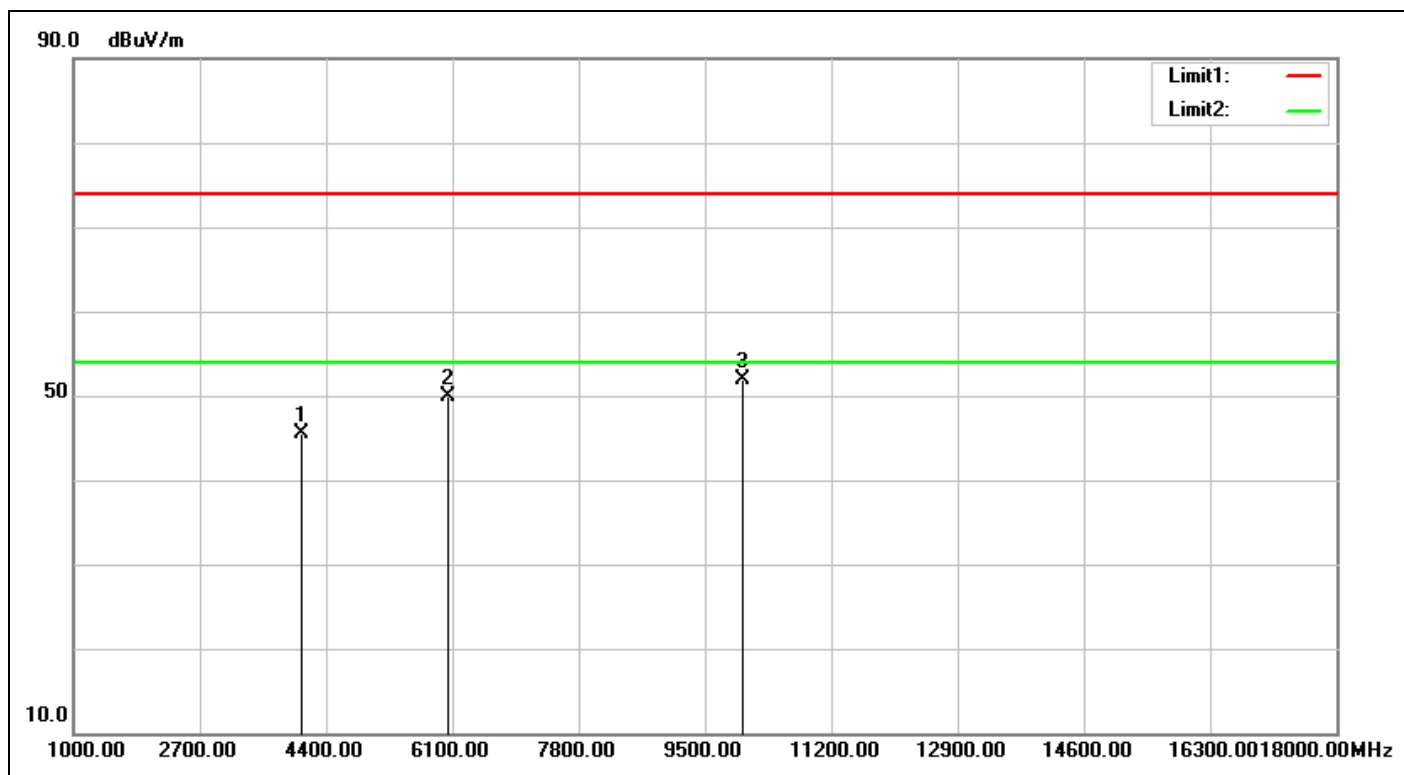
Spurious Emissions, RX Mode, 1-18G



TUV Taiwan

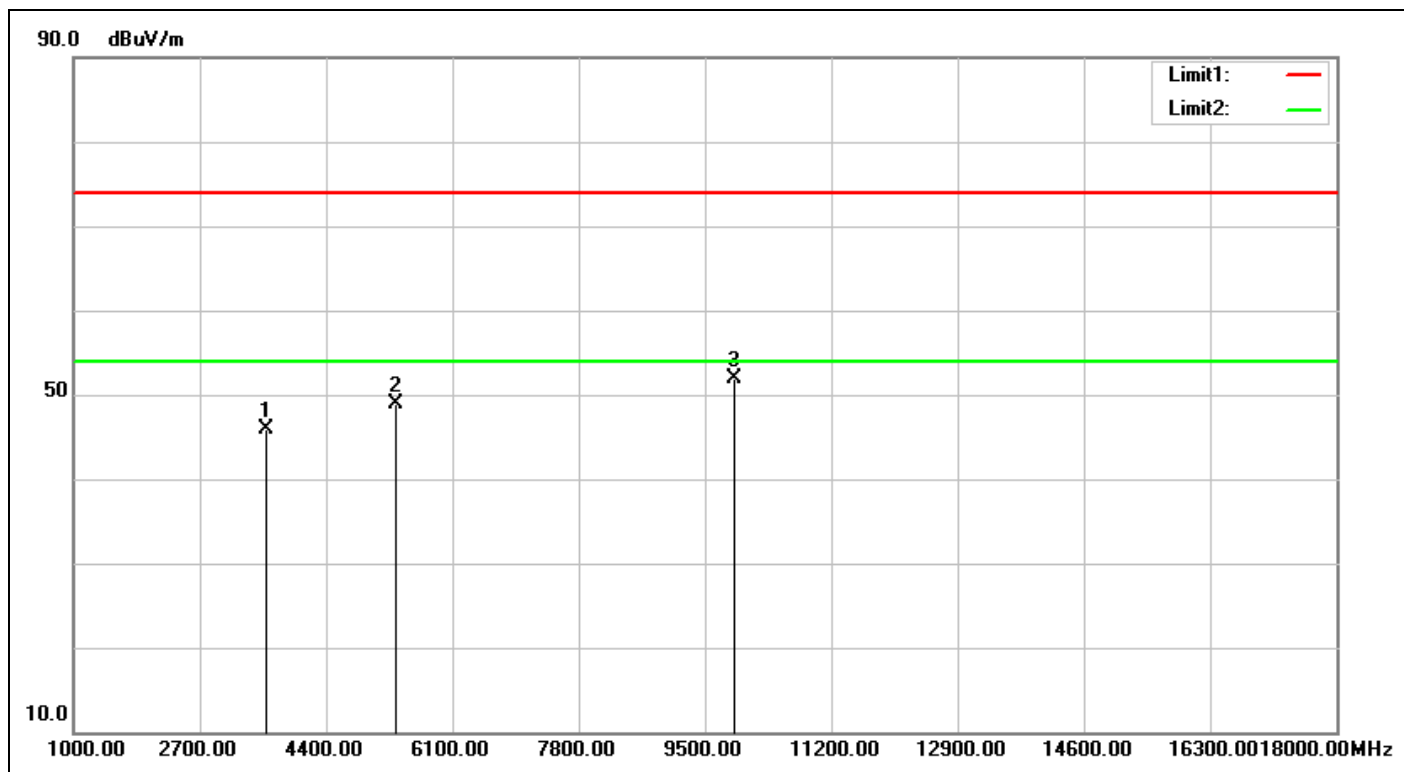
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Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:05:59
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	4077.000	-4.99	50.53	45.54	74.00	-28.46	peak		0	
2	6032.000	4.11	45.81	49.92	74.00	-24.08	peak		0	
3	10010.000	5.42	46.50	51.92	74.00	-22.08	peak		0	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:10:01
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCEIVER	Temp.(°C)/Hum.(%):	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	3601.000	-5.76	51.75	45.99	74.00	-28.01	peak			
2	5335.000	-0.49	49.32	48.83	74.00	-25.17	peak			
3	9891.000	5.67	46.18	51.85	74.00	-22.15	peak			

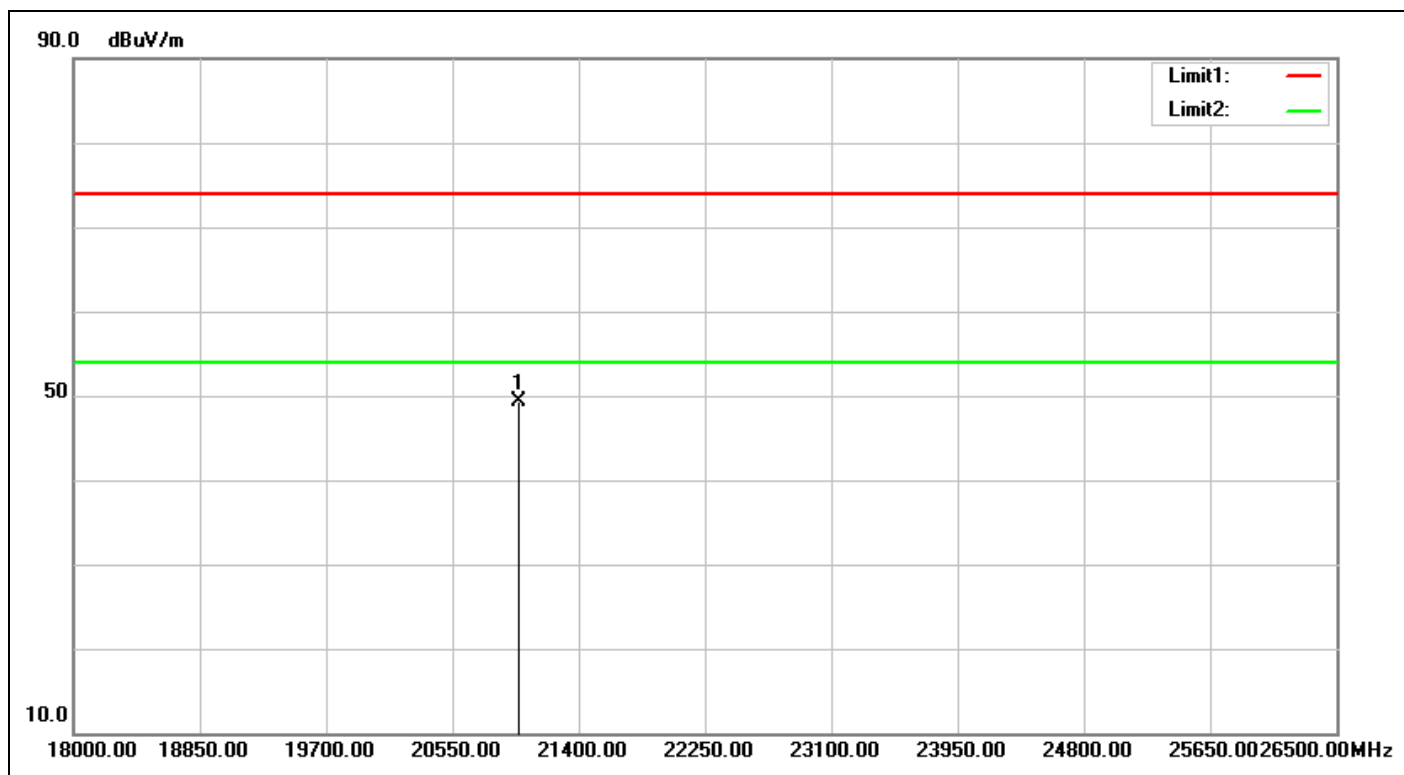
Spurious Emissions, RX Mode, 18-26G



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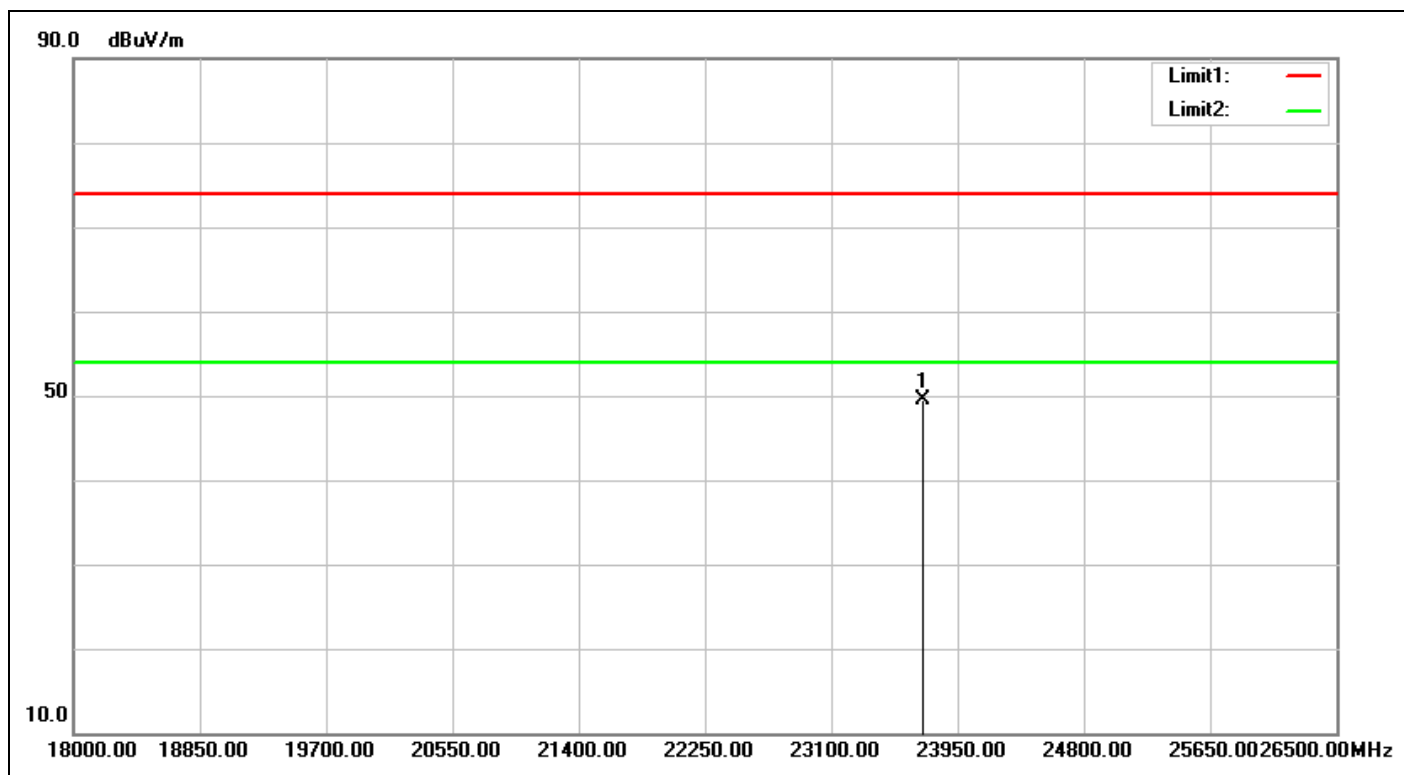
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:36:28
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCEIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	20992.000	31.93	17.29	49.22	74.00	-24.78	peak			



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:36:36
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%) :	24(°C)/55%
	TRANSCIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	23712.000	32.43	17.10	49.53	74.00	-24.47	peak			

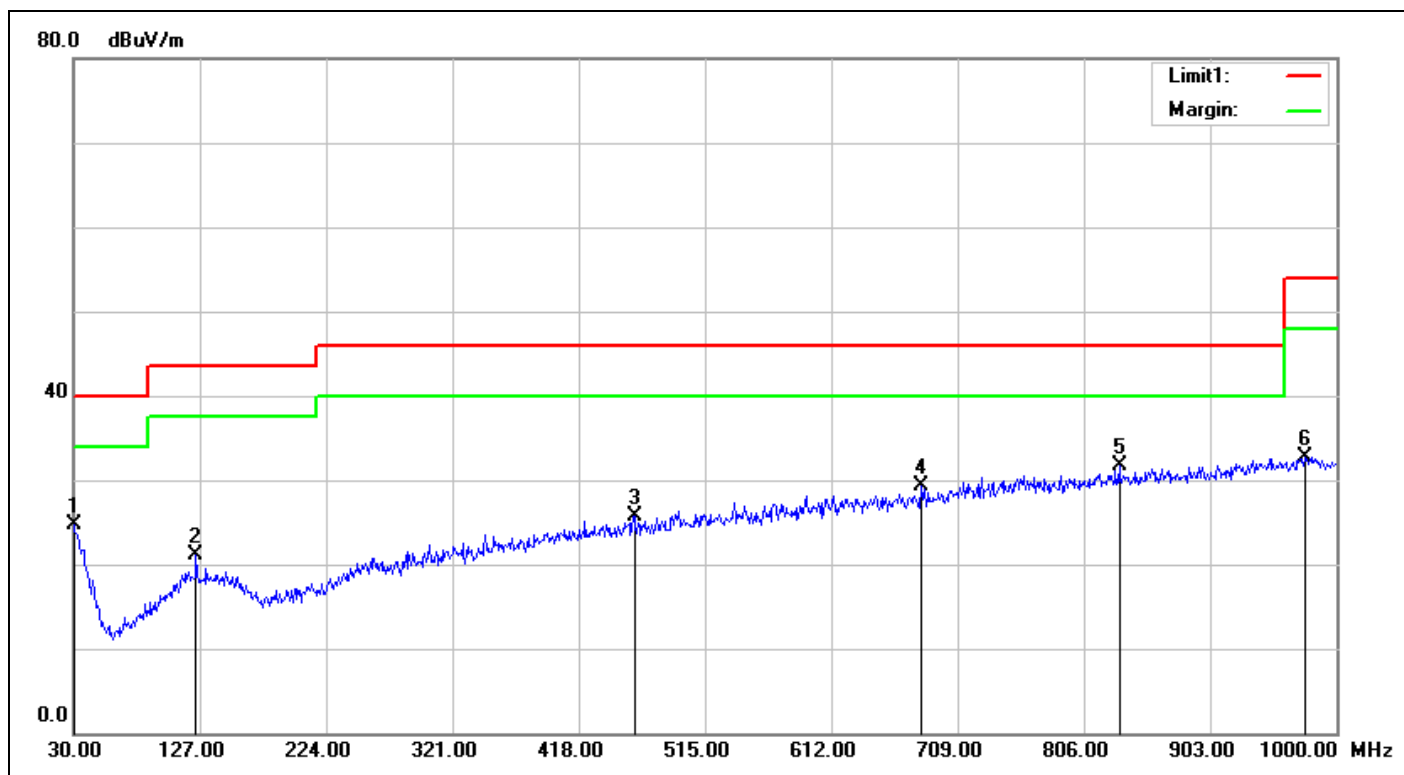
Spurious Emissions, RX Mode, 30M-1G



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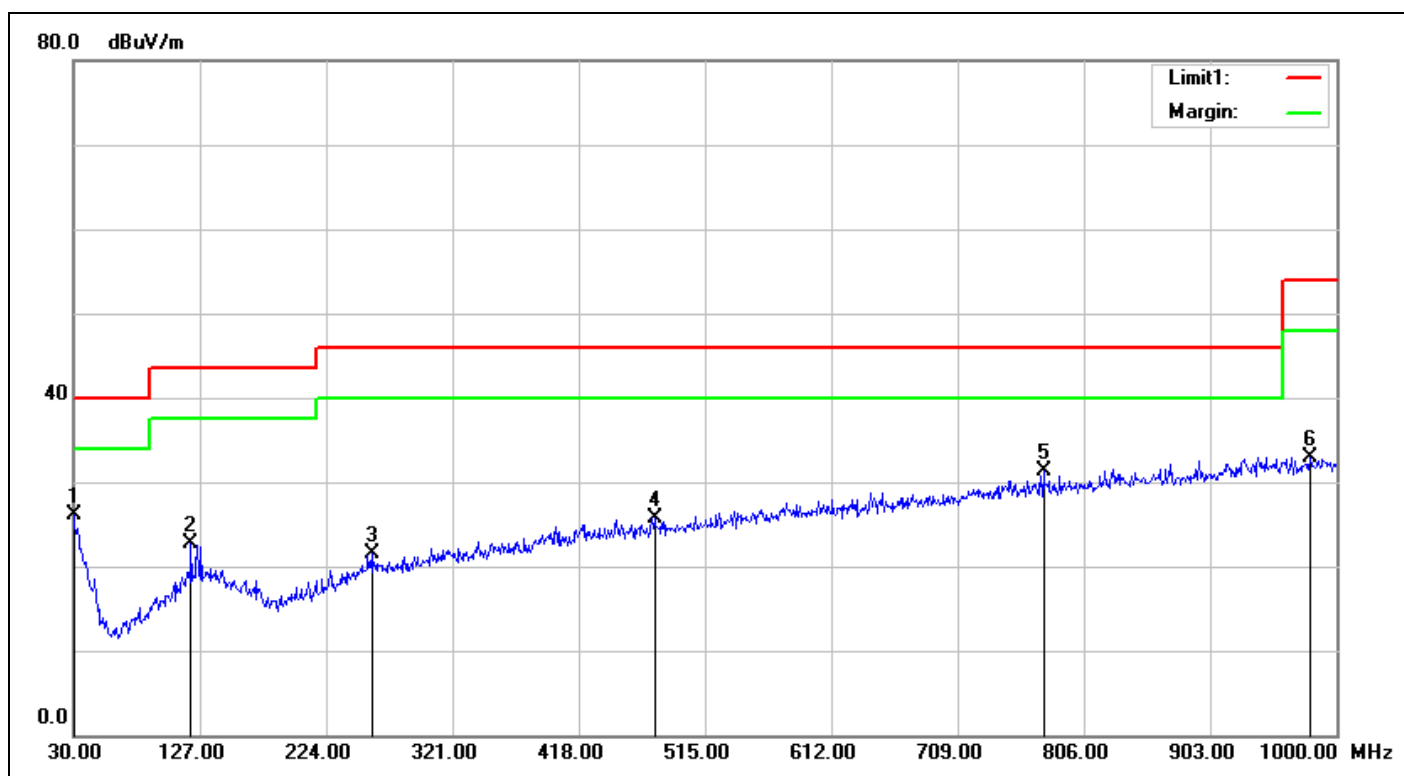
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Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/5/19 15:55:26
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCIEIVER	Temp.(°C)/Hum.(%) :	24(°C)/55%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	-0.07	24.78	24.71	40.00	-15.29	QP	100	148	
2	124.0900	-7.18	28.24	21.06	43.50	-22.44	QP	100	274	
3	460.6800	-1.88	27.68	25.80	46.00	-20.20	QP	100	23	
4	680.8700	0.87	28.38	29.25	46.00	-16.75	QP	100	132	
5	833.1600	3.39	28.37	31.76	46.00	-14.24	QP	100	268	
6	975.7500	5.62	27.05	32.67	54.00	-21.33	QP	100	120	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/5/19 15:56:30
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%)	24(°C)/55%
	TRANSCIEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	-0.07	26.08	26.01	40.00	-13.99	QP	100	148	
2	120.2100	-7.31	29.98	22.67	43.50	-20.83	QP	100	184	
3	258.9200	-4.98	26.45	21.47	46.00	-24.53	QP	100	268	
4	476.2000	-1.67	27.34	25.67	46.00	-20.33	QP	100	273	
5	774.9600	2.58	28.71	31.29	46.00	-14.71	QP	100	179	
6	979.6300	5.65	27.32	32.97	54.00	-21.03	QP	100	215	

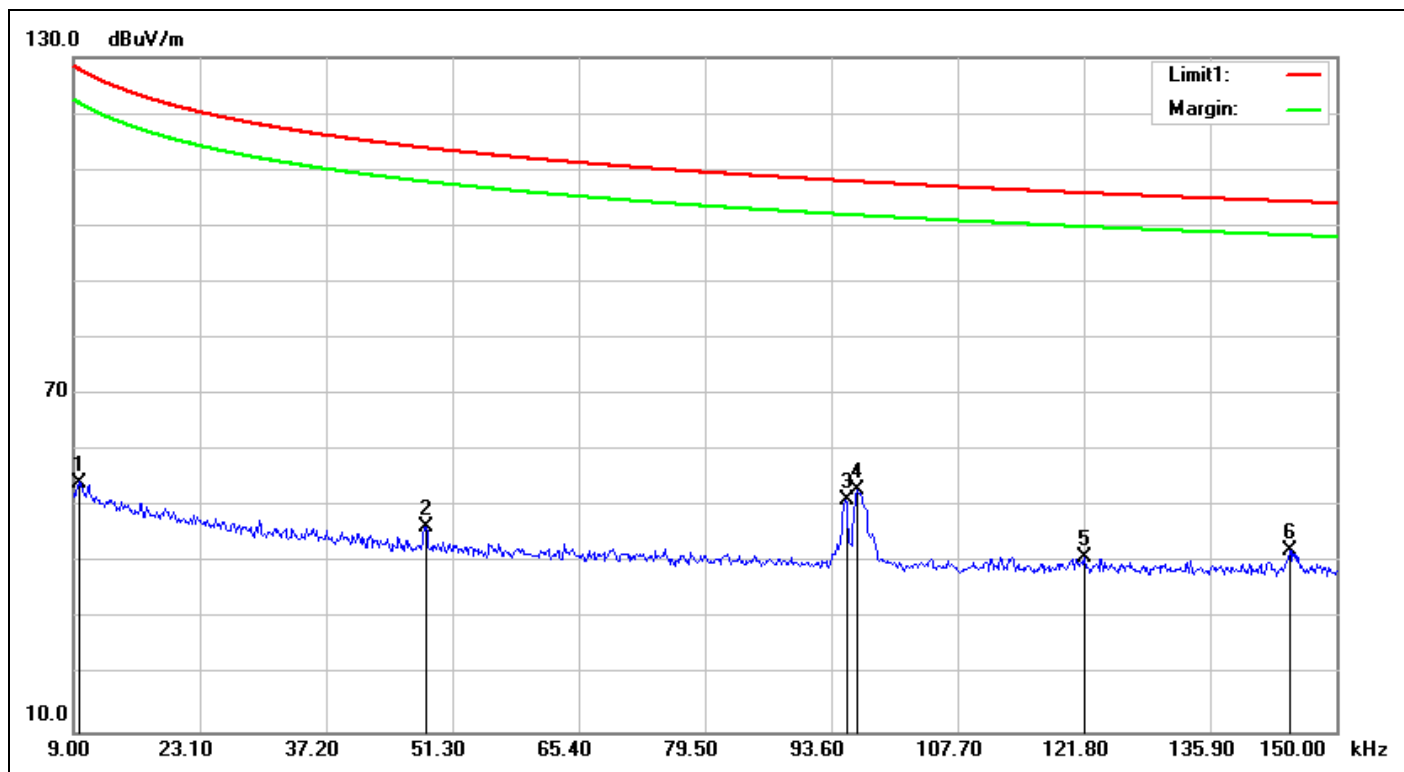
Spurious Emissions, RX Mode, 9K-30M



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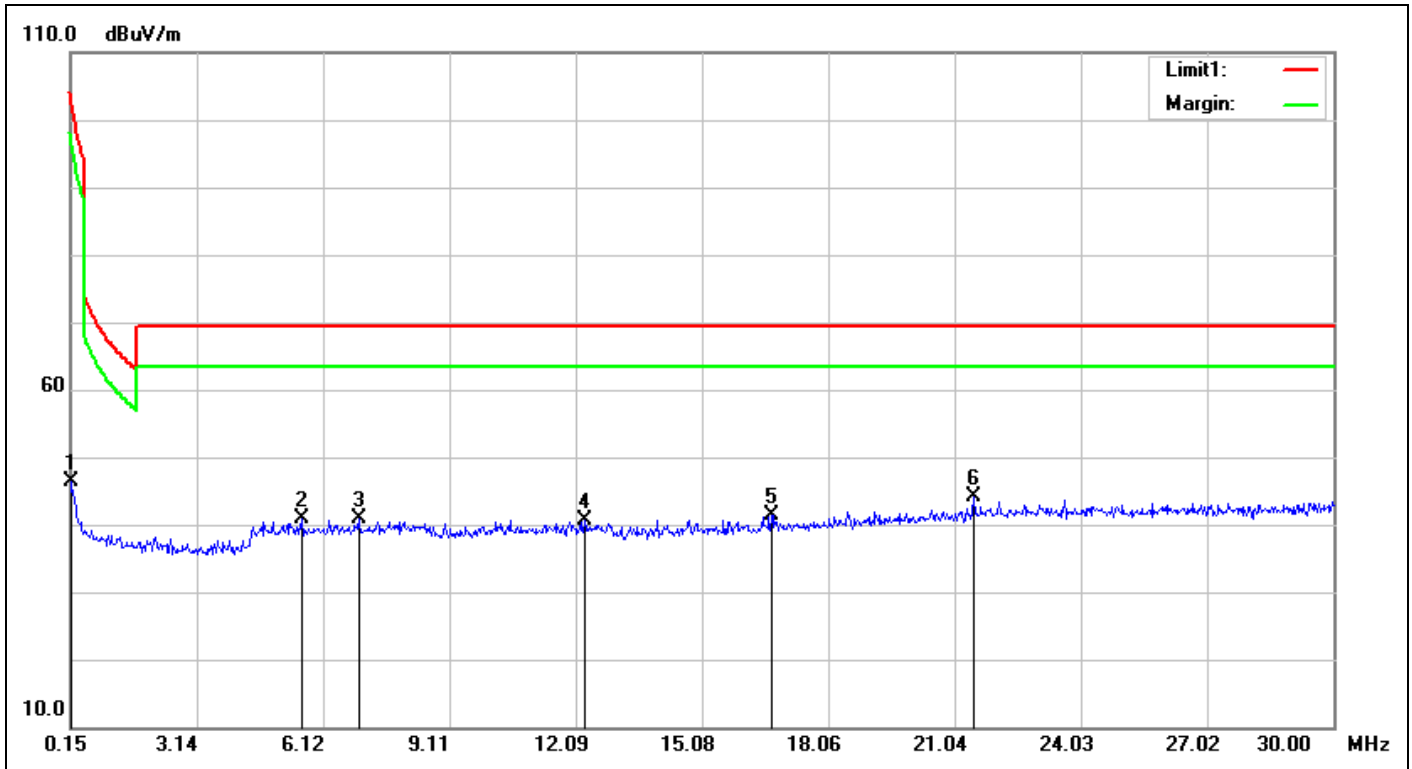
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Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/5/25 20:42:41
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER TRANSCEIVER	Temp.(°C)/Hum.(%):	20.3(°C)/63%
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	0.0097	20.11	34.29	54.40	127.75	-73.35	QP	100	59	
2	0.0483	19.30	27.25	46.55	113.86	-67.31	QP	100	293	
3	0.0952	18.88	32.47	51.35	107.98	-56.63	QP	100	83	
4	0.0966	18.87	34.04	52.91	107.86	-54.95	QP	100	258	
5	0.1218	18.82	22.26	41.08	105.85	-64.77	QP	100	108	
6	0.1448	18.81	23.57	42.38	104.35	-61.97	QP	100	277	



Service No.:	114063864-NCC	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/5/25 20:39:37
Applicant:	Bron Elektronik AG	Test Rating:	DC 3V
Product:	WIRELESS FLASH TRIGGER	Temp.(°C)/Hum.(%):	20.3(°C)/63%
	TRANSCEIVER		
Model No.:	RFS2.2C	Test Engineer:	George Yang
Test Mode:	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	0.1799	18.77	27.61	46.38	102.47	-56.09	QP	100	123	
2	5.6125	19.70	21.19	40.89	69.50	-28.61	QP	100	279	
3	6.9558	19.91	20.85	40.76	69.50	-28.74	QP	100	242	
4	12.2989	20.65	20.07	40.72	69.50	-28.78	QP	100	11	
5	16.7168	21.17	20.12	41.29	69.50	-28.21	QP	100	65	
6	21.4928	21.66	22.53	44.19	69.50	-25.31	QP	100	156	

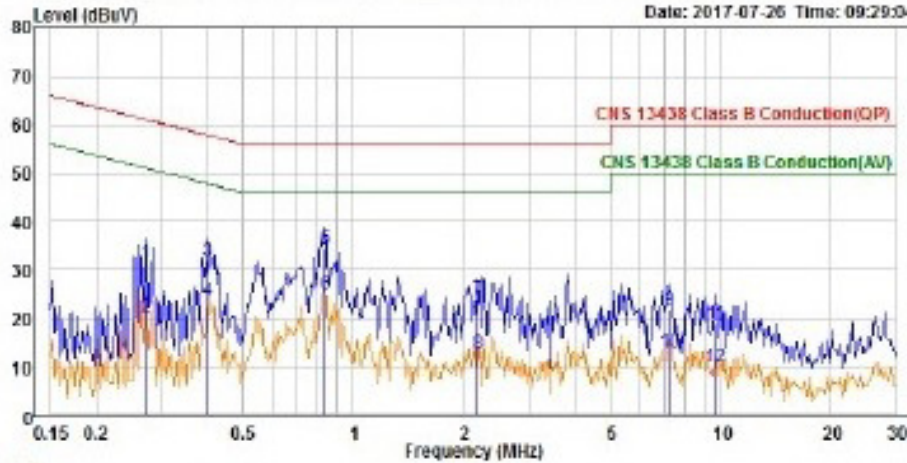
Mains, 150kHz-30MHz



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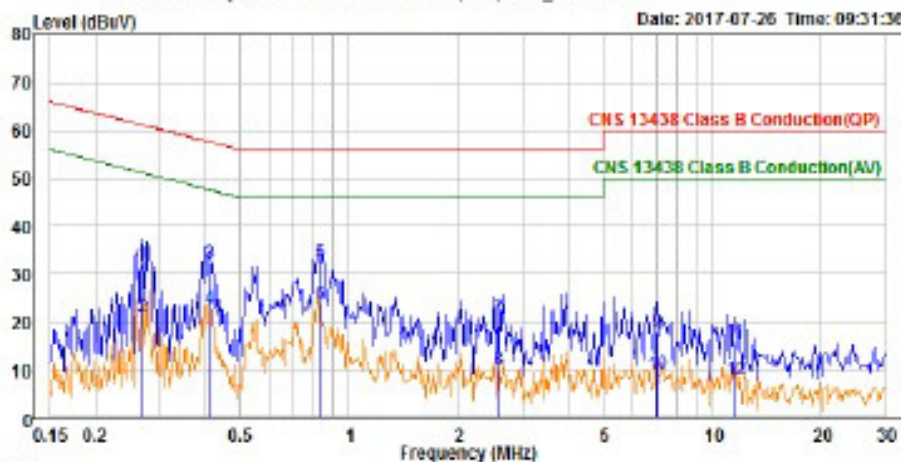


Trace: 1
Site : Conduction room
Condition : CNS 13438 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Applicant : Bron Elektronik AG
Product : WIRELESS FLASH TRIGGER TRANSCEIVER
Model No. : RFS2.2C
Test Rating : 110Vac/60Hz
Tmp/Hum : 26.2 (°C) / 41 %
Memo : Mains

	Freq	Level	Read Level	LISN Factor	Cable Loss	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dB	dBuV	dB	
1	0.272	31.64	21.98	9.64	0.02	9.66	61.05	-29.41	QP
2	0.272	20.51	10.85	9.64	0.02	9.66	51.05	-30.54	Average
3	0.401	31.95	22.29	9.64	0.02	9.66	57.83	-25.88	QP
4	0.401	23.67	14.01	9.64	0.02	9.66	47.83	-24.16	Average
5	0.837	34.25	24.59	9.64	0.02	9.66	56.00	-21.75	QP
6	0.837	24.83	15.17	9.64	0.02	9.66	46.00	-21.17	Average
7	2.175	24.14	14.45	9.65	0.04	9.69	56.00	-31.86	QP
8	2.175	12.68	2.99	9.65	0.04	9.69	46.00	-33.32	Average
9	7.241	21.95	12.19	9.69	0.07	9.76	60.00	-38.05	QP
10	7.241	13.00	3.24	9.69	0.07	9.76	50.00	-37.00	Average
11	9.660	18.95	9.16	9.71	0.08	9.79	60.00	-41.05	QP
12	9.660	10.09	0.30	9.71	0.08	9.79	50.00	-39.91	Average

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Date: 2017-07-26 Time: 09:31:36



Trace: 1

Site : Conduction room
Condition : CNS 13438 Class B Conduction(QP) neutral
Test Engineer: Kai Wang
Applicant : Bron Elektronik AG
Product : WIRELESS FLASH TRIGGER TRANSCEIVER
Model No. : RFS2.2C
Test Rating : 110Vac/60Hz
Tmp/Hum : 26.2 (°C) / 41 %
Memo : Mains

	Freq	Level	Read Level	LISN Factor	Cable Loss	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dB	dBuV	dB	
1	0.270	31.95	22.28	9.65	0.02	9.67	61.13	-29.18	QP
2	0.270	20.86	11.19	9.65	0.02	9.67	51.13	-30.27	Average
3	0.413	32.14	22.48	9.64	0.02	9.66	57.58	-25.44	QP
4	0.413	22.87	13.21	9.64	0.02	9.66	47.58	-24.71	Average
5	0.829	32.56	22.89	9.65	0.02	9.67	56.00	-23.44	QP
6	0.829	23.79	14.12	9.65	0.02	9.67	46.00	-22.21	Average
7	2.575	20.72	11.02	9.66	0.04	9.70	56.00	-35.28	QP
8	2.575	10.13	0.43	9.66	0.04	9.70	46.00	-35.87	Average
9	7.028	18.01	8.23	9.71	0.07	9.78	60.00	-41.99	QP
10	7.028	9.22	-0.56	9.71	0.07	9.78	50.00	-40.78	Average
11	11.553	15.76	5.93	9.74	0.09	9.83	60.00	-44.24	QP
12	11.553	7.79	-2.04	9.74	0.09	9.83	50.00	-42.21	Average