



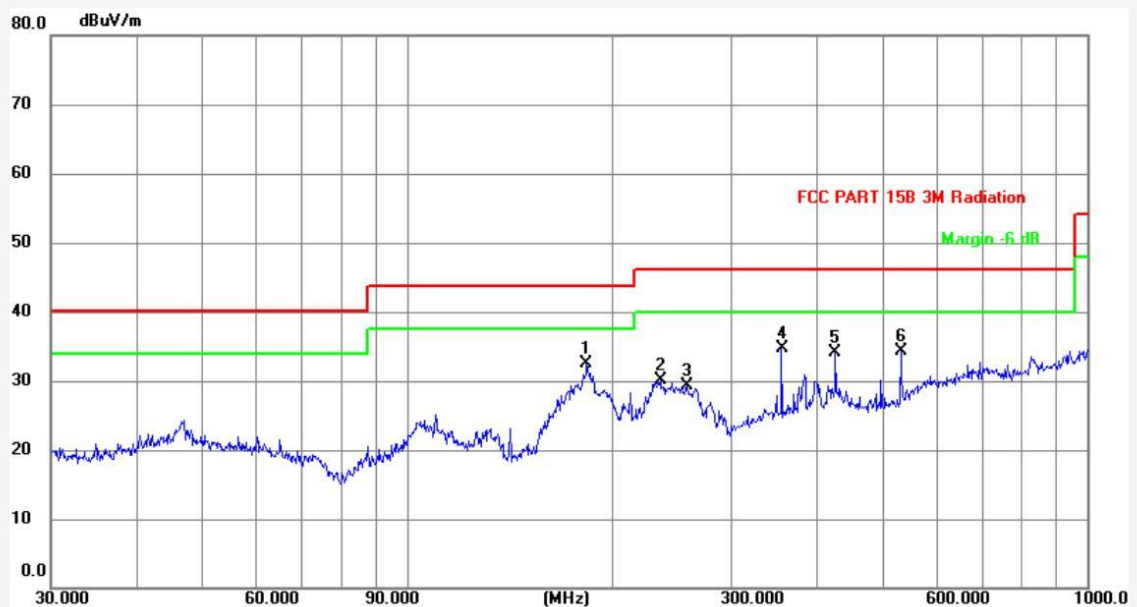
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Room 102, Building 11, No.7 Houjie Science And Technology
Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2024/12/12

Job No.:	LP24070228C02-03	Temp:	22.5 (C) / 51 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	183.8440	9.08	23.50	32.58	43.50	-10.92	QP	*	
2	235.8164	11.01	19.04	30.05	46.00	-15.95	QP		
3	258.3264	11.25	18.05	29.30	46.00	-16.70	QP		
4	355.4273	14.56	20.23	34.79	46.00	-11.21	QP		
5	426.5210	15.21	18.86	34.07	46.00	-11.93	QP		
6	531.9635	16.86	17.41	34.27	46.00	-11.73	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C -30-1000 RSE\Data :#2





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Radiation Emission

Site: 966 Chamber 1

2024/12/12

Job No.:	LP24070228C02-03	Temp:	22.5 (C) / 51 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	47.8260	12.56	15.10	27.66	40.00	-12.34	QP		
2	66.0341	9.92	17.24	27.16	40.00	-12.84	QP		
3	71.5805	8.51	19.71	28.22	40.00	-11.78	QP	*	
4	137.4201	6.93	22.26	29.19	43.50	-14.31	QP		
5	213.0150	10.90	18.90	29.80	43.50	-13.70	QP		
6	245.0900	11.18	19.54	30.72	46.00	-15.28	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C -30-1000 RSE\Data :#1



1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz Fundamental.



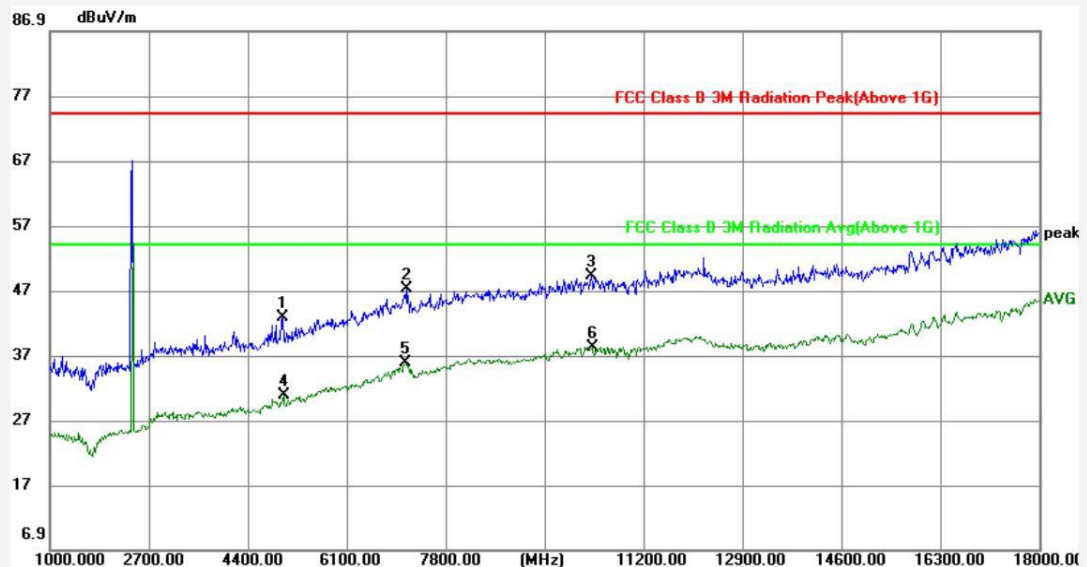
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4995.000	-1.00	43.84	42.84	74.00	-31.16	peak		
2	7120.000	5.72	41.46	47.18	74.00	-26.82	peak		
3	10299.000	8.35	40.81	49.16	74.00	-24.84	peak		
4	5012.000	-0.95	31.73	30.78	54.00	-23.22	AVG		
5	7103.000	5.72	30.09	35.81	54.00	-18.19	AVG		
6	10316.000	8.38	29.90	38.28	54.00	-15.72	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C-RSE\Data :#6





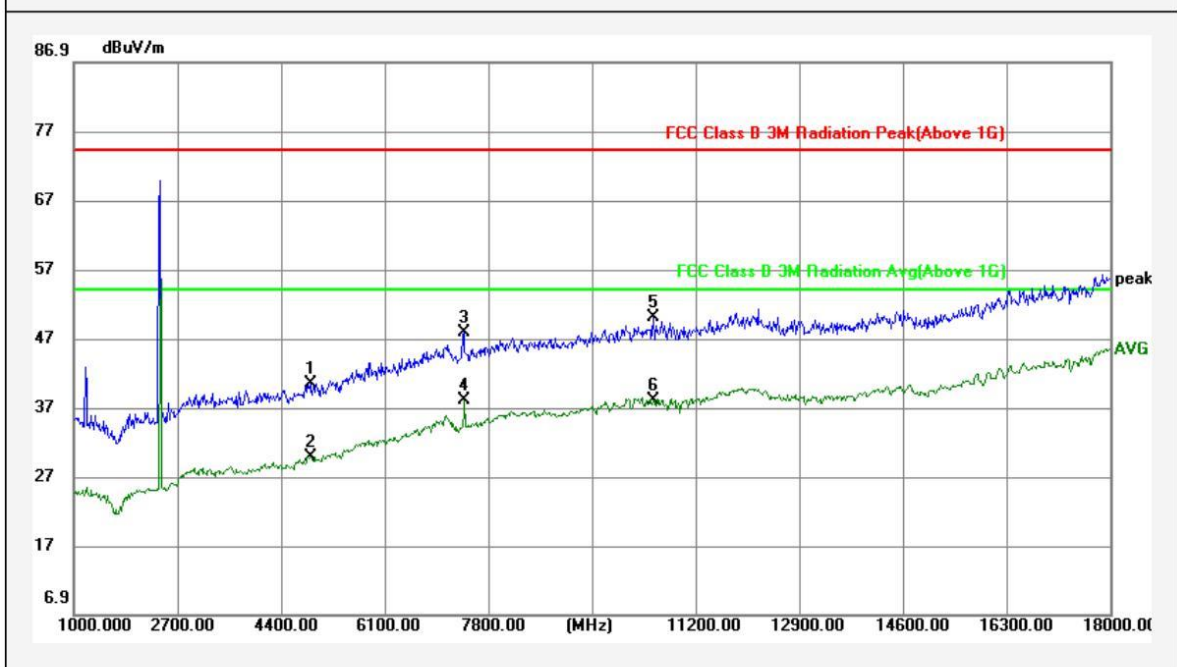
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	-1.01	41.38	40.37	74.00	-33.63	peak		
2	4893.000	-1.00	30.90	29.90	54.00	-24.10	AVG		
3	7392.000	5.60	42.26	47.86	74.00	-26.14	peak		
4	7409.000	5.59	32.46	38.05	54.00	-15.95	AVG	*	
5	10503.000	8.72	41.23	49.95	74.00	-24.05	peak		
6	10503.000	8.72	29.27	37.99	54.00	-16.01	AVG		

Note: Level=Reading+Factor, Over=Level-Limit.
MK.: *Maximum data x: Over limit !: Over margin

File: OB146C-RSE\Data :#5





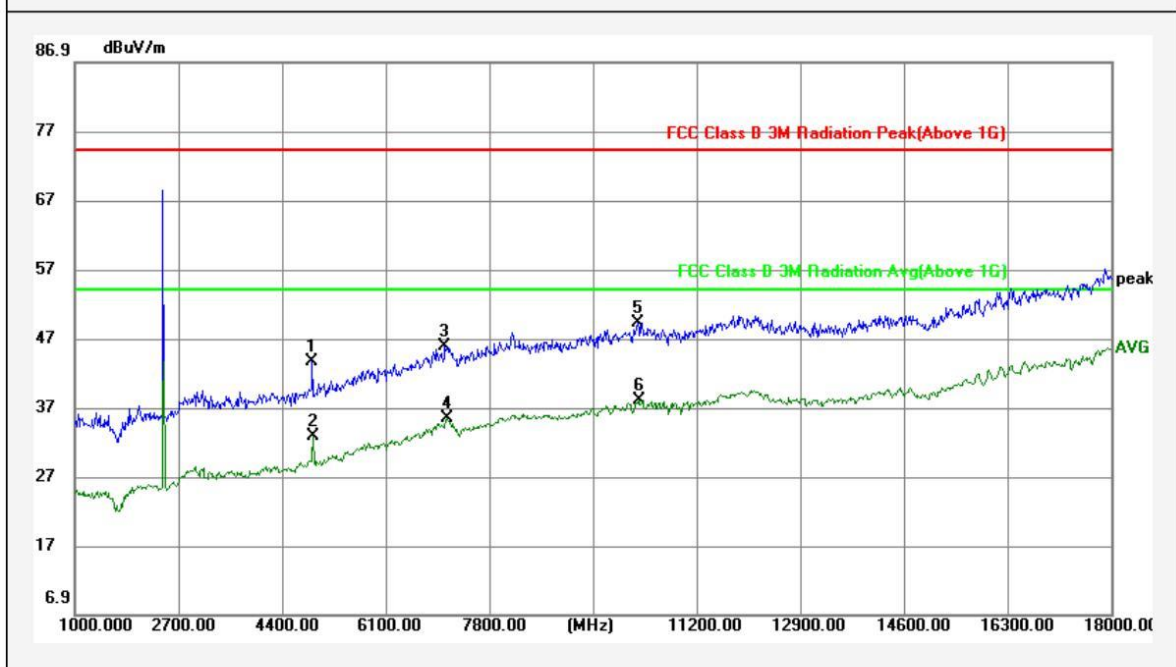
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2444MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4893.000	-1.00	44.52	43.52	74.00	-30.48	peak		
2	4910.000	-1.01	33.72	32.71	54.00	-21.29	AVG		
3	7069.000	5.74	40.00	45.74	74.00	-28.26	peak		
4	7103.000	5.72	29.71	35.43	54.00	-18.57	AVG		
5	10231.000	8.22	41.06	49.28	74.00	-24.72	peak		
6	10248.000	8.25	29.72	37.97	54.00	-16.03	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C-RSE\Data :#4





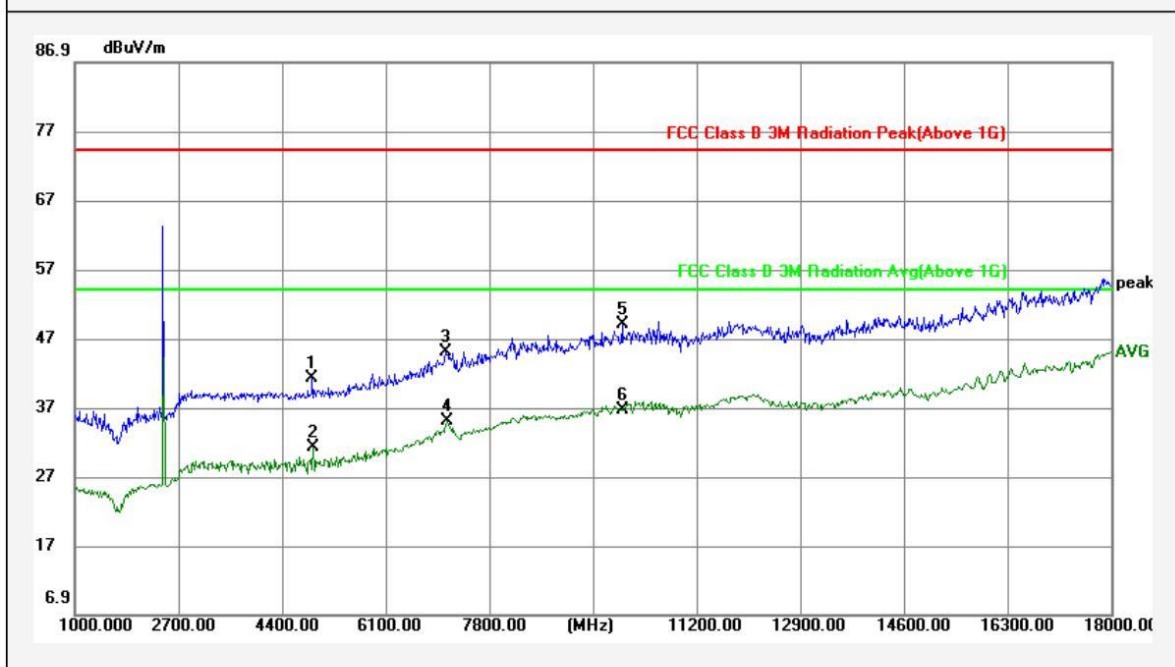
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2444MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4893.000	-1.00	42.25	41.25	74.00	-32.75	peak		
2	4910.000	-1.01	32.26	31.25	54.00	-22.75	AVG		
3	7086.000	5.73	39.29	45.02	74.00	-28.98	peak		
4	7103.000	5.72	29.24	34.96	54.00	-19.04	AVG		
5	9976.000	7.80	41.11	48.91	74.00	-25.09	peak		
6	9976.000	7.80	28.86	36.66	54.00	-17.34	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C-RSE\Data :#3





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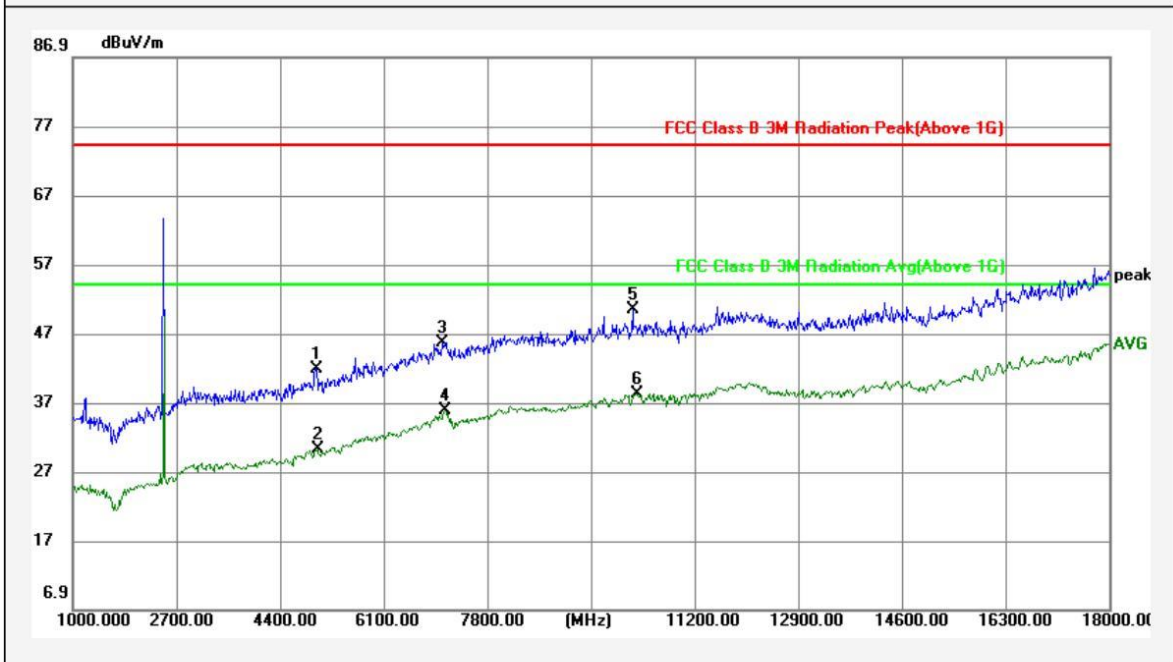
Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.: LP24070228C02-03
Test Standard: FCC Class B 3M Radiation Peak(Above 1G)
EUT: Dongle
Model No.: OB1461C
Test Mode: TX
Remark 1: 2480MHz

Temp: 22.7 (C) / 50 %RH/ 1018
Test Engineer: Kervin
Power Rating: DC 5V
Ant. Polarization: **Vertical**



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4995.000	-1.00	42.80	41.80	74.00	-32.20	peak		
2	5012.000	-0.95	31.22	30.27	54.00	-23.73	AVG		
3	7052.000	5.75	39.94	45.69	74.00	-28.31	peak		
4	7103.000	5.72	30.04	35.76	54.00	-18.24	AVG		
5	10180.000	8.14	42.27	50.41	74.00	-23.59	peak		
6	10248.000	8.25	29.98	38.23	54.00	-15.77	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C-RSE\Data :#2





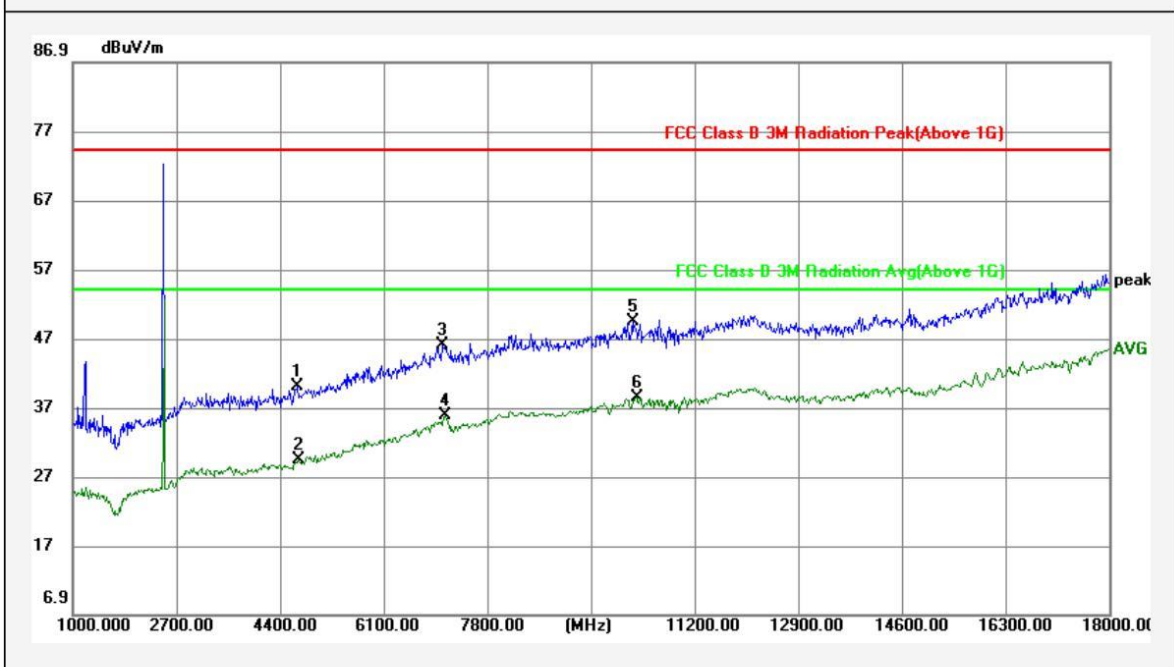
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4689.000	-1.02	41.05	40.03	74.00	-33.97	peak		
2	4706.000	-1.02	30.37	29.35	54.00	-24.65	AVG		
3	7052.000	5.75	40.22	45.97	74.00	-28.03	peak		
4	7103.000	5.72	30.00	35.72	54.00	-18.28	AVG		
5	10180.000	8.14	41.23	49.37	74.00	-24.63	peak		
6	10248.000	8.25	30.07	38.32	54.00	-15.68	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB146C-RSE\Data :#1



Appendix B.4: Test Results of Radiated Emissions in Restricted Bands

Low channel



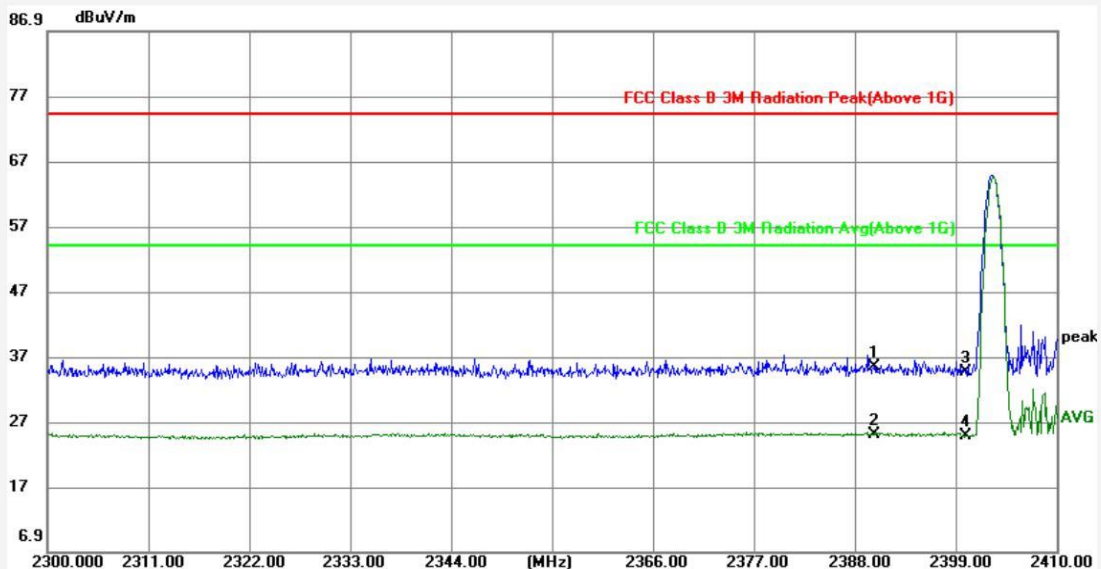
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-4.83	40.17	35.34	74.00	-38.66	peak		
2	2390.090	-4.83	29.88	25.05	54.00	-28.95	AVG	*	
3	2400.000	-4.79	39.41	34.62	74.00	-39.38	peak		
4	2400.100	-4.79	29.57	24.78	54.00	-29.22	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: OB146C-BAND\Data :#1





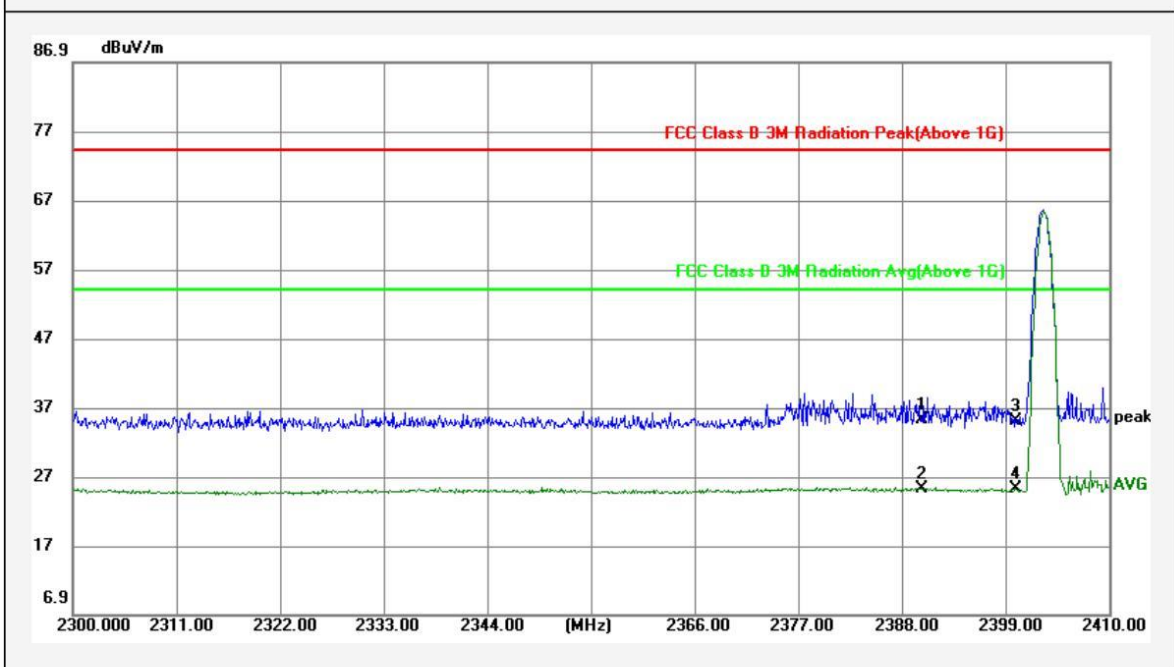
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2403MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-4.83	39.98	35.15	74.00	-38.85	peak		
2	2390.090	-4.83	29.96	25.13	54.00	-28.87	AVG		
3	2400.000	-4.79	39.81	35.02	74.00	-38.98	peak		
4	2400.100	-4.79	29.99	25.20	54.00	-28.80	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB146C-BAND1Data :#2



High channel



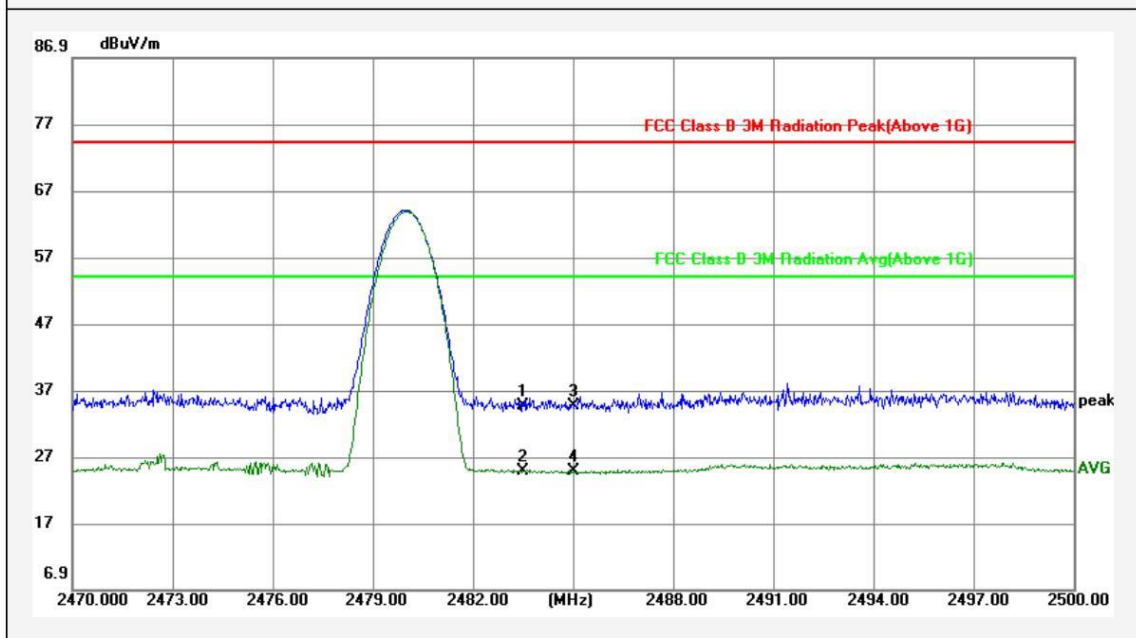
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-4.46	39.07	34.61	74.00	-39.39	peak		
2	2483.500	-4.46	29.19	24.73	54.00	-29.27	AVG		
3	2485.000	-4.46	39.09	34.63	74.00	-39.37	peak		
4	2485.000	-4.46	29.24	24.78	54.00	-29.22	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*:Maximum data x:Over limit !:Over margin

File: OB146C-BANDData :#4





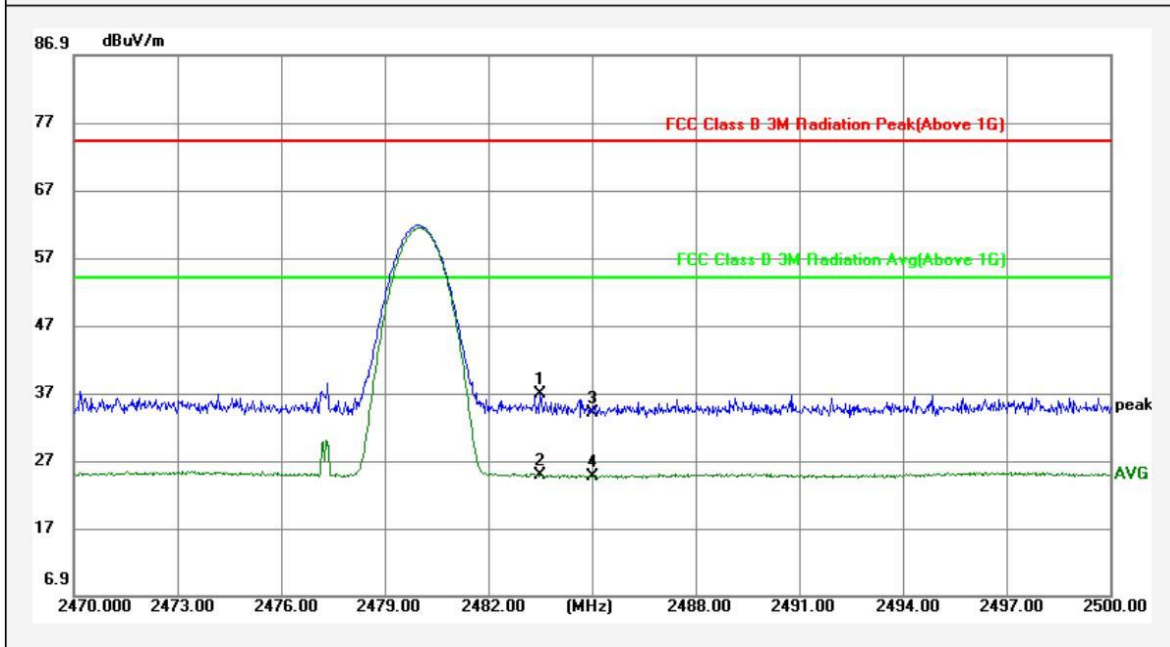
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Radiation Emission

Site: 966 Chamber 1

2024/12/11

Job No.:	LP24070228C02-03	Temp:	22.7 (C) / 50 %RH/ 1018
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Kervin
EUT:	Dongle	Power Rating:	DC 5V
Model No.:	OB1461C	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-4.46	41.21	36.75	74.00	-37.25	peak		
2	2483.500	-4.46	29.22	24.76	54.00	-29.24	AVG	*	
3	2485.000	-4.46	38.56	34.10	74.00	-39.90	peak		
4	2485.000	-4.46	29.15	24.69	54.00	-29.31	AVG		

Note: Level=Reading+Factor, Over=Level-Limit.
MK.: *Maximum data x: Over limit !: Over margin

File: OB146C-BAND1Data :#3





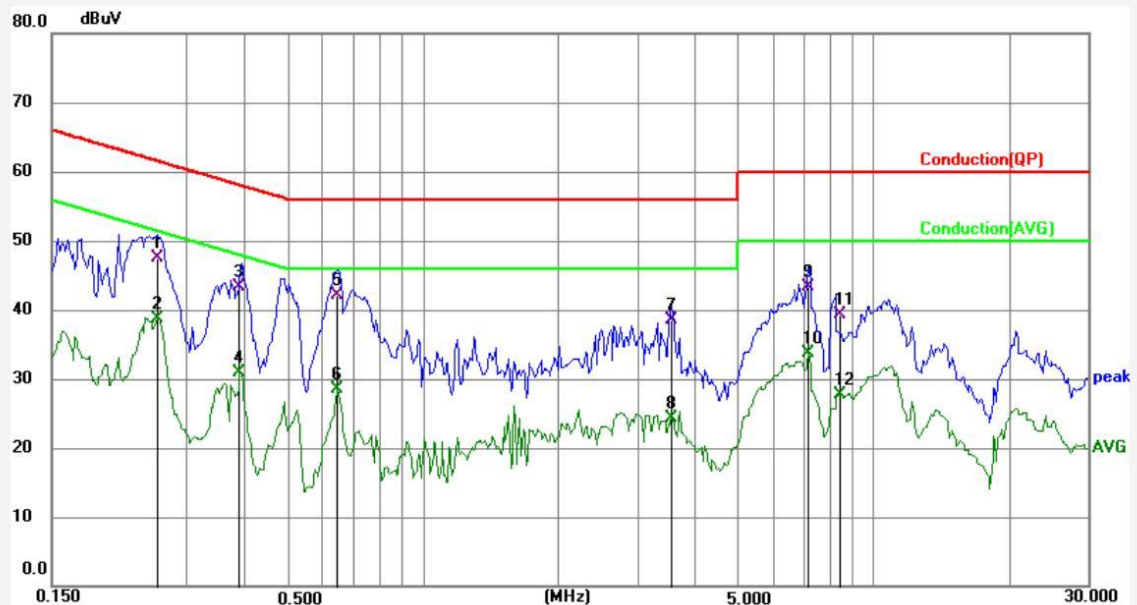
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Conduction Emission

Site: Shielded Room 2

Date: 2024/12/3 Time:

Job No.:	LP24070228C02-03	Temp:	23.8(C) / 55 %RH/ 1014
Test Standard:	Conduction(QP)	Test Engineer:	Claire
EUT:	See remark	Power Rating:	AC 120V/60Hz
Model No.:	1) OB1560, 2)OB1461C	Phase:	L1
Test Mode:	Working		
Remark 1:	1) Incase Sculpt Ergonomic Mouse, 2)Dongle		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	MK.	Remark
1	0.2575	10.76	36.80	47.56	61.51	-13.95	QP		
2	0.2575	10.76	28.04	38.80	51.51	-12.71	AVG	*	
3	0.3930	10.82	32.44	43.26	58.00	-14.74	QP		
4	0.3930	10.82	20.03	30.85	48.00	-17.15	AVG		
5	0.6447	11.00	31.17	42.17	56.00	-13.83	QP		
6	0.6447	11.00	17.51	28.51	46.00	-17.49	AVG		
7	3.5748	11.34	27.15	38.49	56.00	-17.51	QP		
8	3.5748	11.34	12.99	24.33	46.00	-21.67	AVG		
9	7.2073	11.51	31.75	43.26	60.00	-16.74	QP		
10	7.2073	11.51	22.12	33.63	50.00	-16.37	AVG		
11	8.4115	11.51	27.74	39.25	60.00	-20.75	QP		
12	8.4115	11.51	16.22	27.73	50.00	-22.27	AVG		

Note: Level=Reading+Factor,Margin=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File :1) OB1560, 2)OB1461C - RED\Data :#2





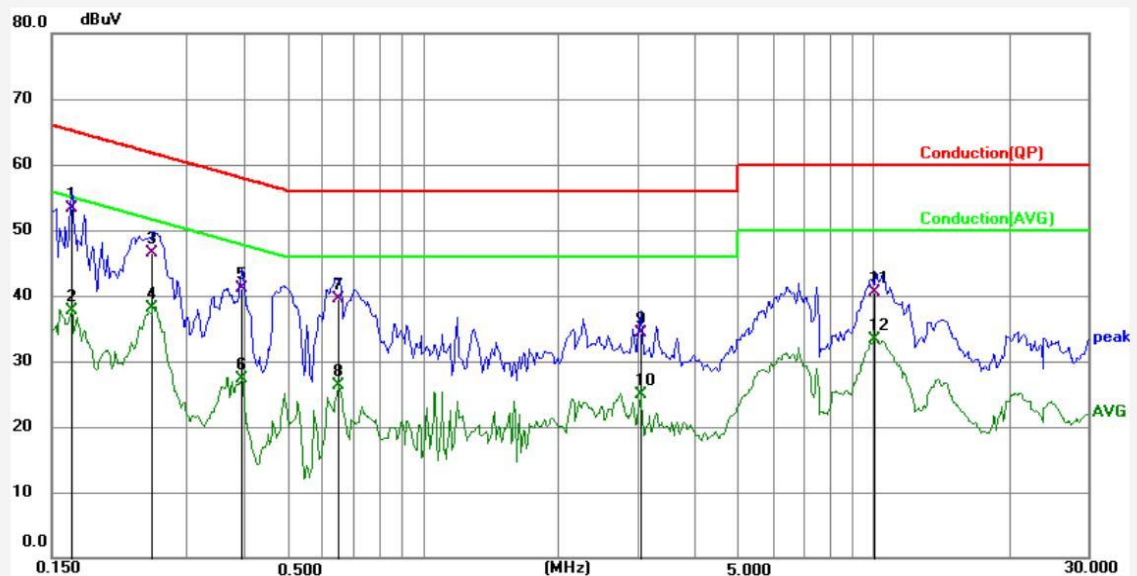
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Conduction Emission

Site: Shielded Room 2

Date: 2024/12/3 Time:

Job No.:	LP24070228C02-03	Temp:	23.8(C) / 55 %RH/ 1014
Test Standard:	Conduction(QP)	Test Engineer:	Claire
EUT:	See remark	Power Rating:	AC 120V/60Hz
Model No.:	1) OB1560, 2)OB1461C	Phase:	N
Test Mode:	Working		
Remark 1:	1) Incase Sculpt Ergonomic Mouse, 2)Dongle		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	MK.	Remark
1	0.1663	10.84	42.42	53.26	65.14	-11.88	QP	*	
2	0.1663	10.84	26.85	37.69	55.14	-17.45	AVG		
3	0.2515	10.93	35.58	46.51	61.71	-15.20	QP		
4	0.2515	10.93	27.25	38.18	51.71	-13.53	AVG		
5	0.3964	10.99	30.06	41.05	57.93	-16.88	QP		
6	0.3964	10.99	16.31	27.30	47.93	-20.63	AVG		
7	0.6498	10.96	28.52	39.48	56.00	-16.52	QP		
8	0.6498	10.96	15.31	26.27	46.00	-19.73	AVG		
9	3.0480	10.99	23.27	34.26	56.00	-21.74	QP		
10	3.0480	10.99	13.97	24.96	46.00	-21.04	AVG		
11	10.0721	11.34	29.24	40.58	60.00	-19.42	QP		
12	10.0721	11.34	21.95	33.29	50.00	-16.71	AVG		

Note: Level=Reading+Factor,Margin=Level-Limit.
MK.:*:Maximum data x:Over limit !:Over margin

File :1) OB1560, 2)OB1461C - RED\Data :#1

