

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

BLE-1M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-06_09.41.42

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

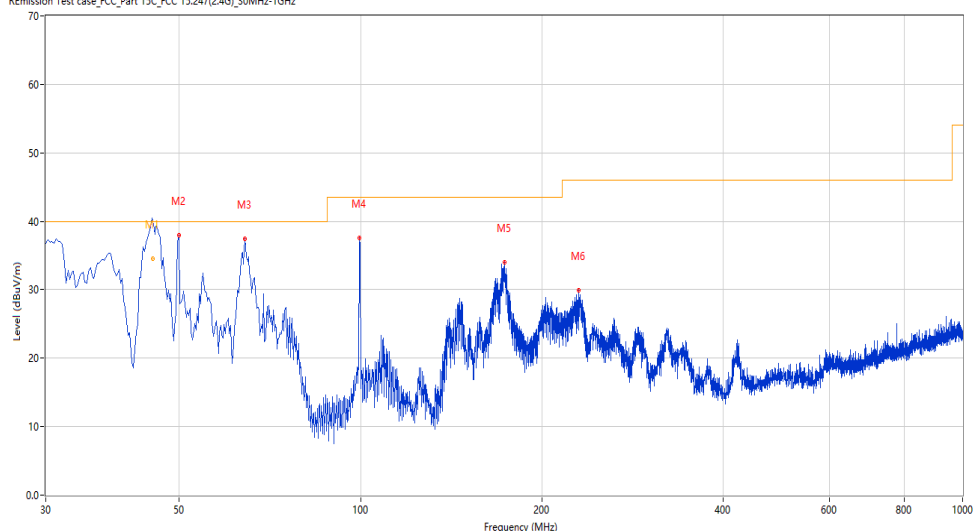
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

RÉmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	45.235	34.51	-24.33	40.0	5.49	QP	198.10	115	Horizontal	Pass
2	49.880	37.99	-23.98	40.0	2.01	Peak	281.80	100	Horizontal	Pass
3	64.184	37.40	-26.58	40.0	2.60	Peak	154.50	100	Horizontal	Pass
4	99.580	37.53	-25.71	43.5	5.97	Peak	174.30	100	Horizontal	Pass
5	173.524	34.07	-28.09	43.5	9.43	Peak	1.50	100	Horizontal	Pass
6	230.497	29.92	-24.32	46.0	16.08	Peak	109.90	100	Horizontal	Pass

BLE-1M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-06_09.48.32

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

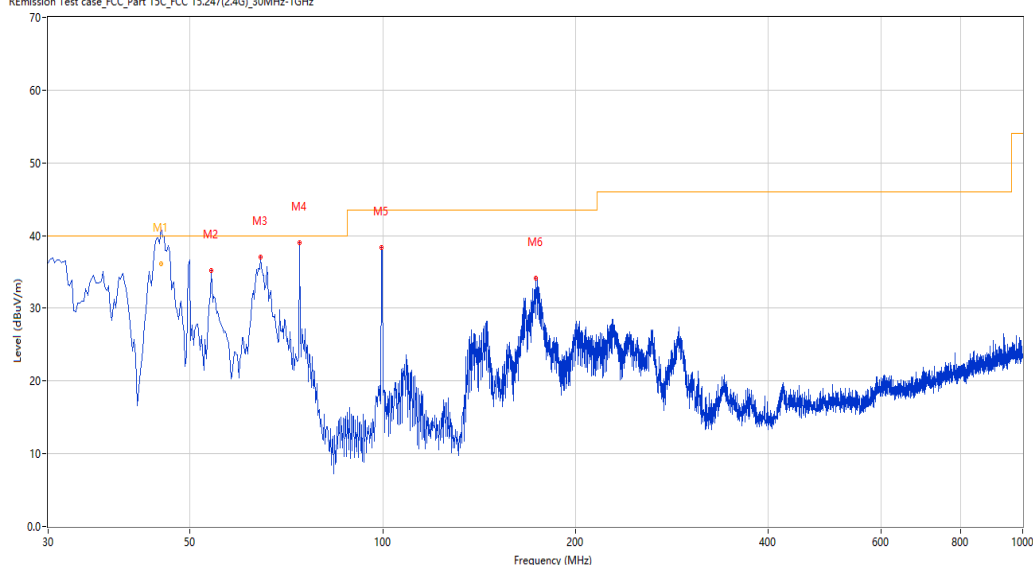
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	45.052	36.13	-24.33	40.0	3.87	QP	234.70	109	Vertical	Pass
2	54.002	35.24	-24.29	40.0	4.76	Peak	24.60	100	Vertical	Pass
3	64.426	37.11	-26.66	40.0	2.89	Peak	239.90	100	Vertical	Pass
4	74.124	39.07	-30.14	40.0	0.93	Peak	10.50	100	Vertical	Pass
5	99.580	38.39	-25.71	43.5	5.11	Peak	137.30	100	Vertical	Pass
6	173.524	34.15	-28.09	43.5	9.35	Peak	0.00	100	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_17.34.36

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

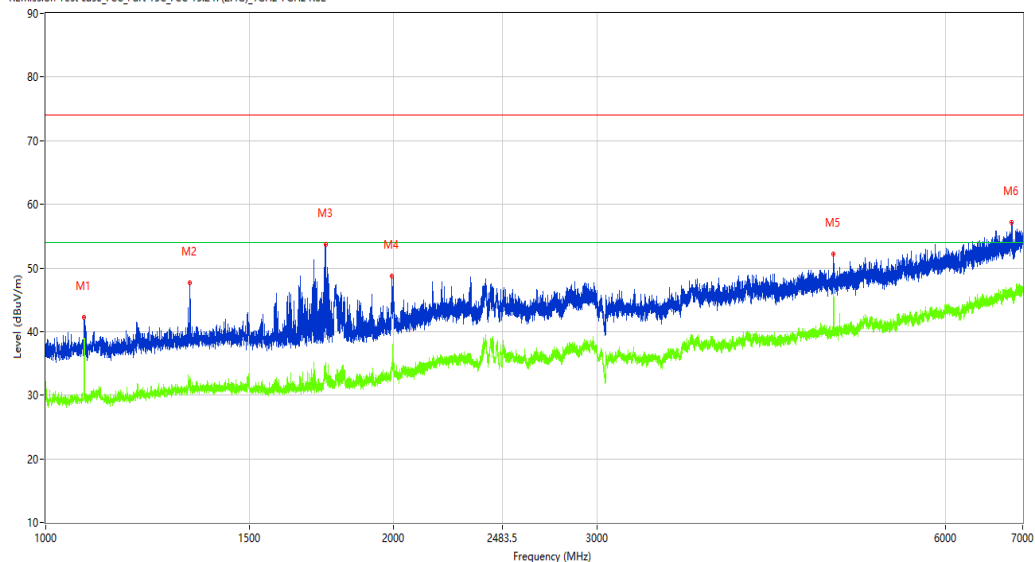
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.250	42.26	-14.29	74.0	31.74	Peak	135.00	100	Horizontal	Pass
1**	1079.250	34.88	-14.29	54.0	19.12	AV	135.00	100	Horizontal	Pass
2	1332.250	47.61	-12.93	74.0	26.39	Peak	9.90	100	Horizontal	Pass
2**	1332.250	32.09	-12.93	54.0	21.91	AV	9.90	100	Horizontal	Pass
3	1746.000	53.68	-12.62	74.0	20.32	Peak	9.90	100	Horizontal	Pass
3**	1746.000	34.59	-12.62	54.0	19.41	AV	9.90	100	Horizontal	Pass
4	1993.500	48.69	-11.01	74.0	25.31	Peak	0.00	100	Horizontal	Pass
4**	1993.500	35.15	-11.01	54.0	18.85	AV	0.00	100	Horizontal	Pass
5	4804.000	52.18	-1.39	74.0	21.82	Peak	43.50	100	Horizontal	Pass
5**	4804.000	46.66	-1.39	54.0	7.34	AV	43.50	100	Horizontal	Pass
6	6843.500	57.17	4.06	74.0	16.83	Peak	59.50	100	Horizontal	Pass
6**	6843.500	45.73	4.06	54.0	8.27	AV	59.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_17.37.53

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

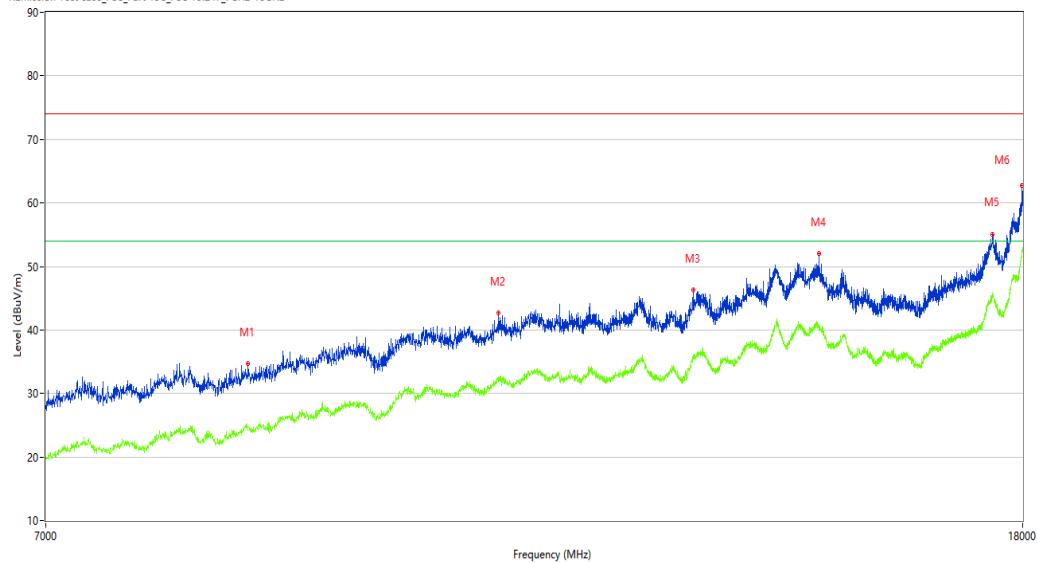
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8512.500	34.69	2.92	74.0	39.31	Peak	360.00	100	Horizontal	Pass
1**	8512.500	24.45	2.92	54.0	29.55	AV	360.00	100	Horizontal	Pass
2	10844.500	42.63	10.18	74.0	31.37	Peak	108.50	100	Horizontal	Pass
2**	10844.500	32.66	10.18	54.0	21.34	AV	108.50	100	Horizontal	Pass
3	13094.000	46.34	12.84	74.0	27.66	Peak	170.70	100	Horizontal	Pass
3**	13094.000	35.99	12.84	54.0	18.01	AV	170.70	100	Horizontal	Pass
4	14782.500	52.02	17.72	74.0	21.98	Peak	170.70	100	Horizontal	Pass
4**	14782.500	40.51	17.72	54.0	13.49	AV	170.70	100	Horizontal	Pass
5	17485.750	55.00	21.73	74.0	19.00	Peak	186.00	100	Horizontal	Pass
5**	17485.750	45.90	21.73	54.0	8.10	AV	186.00	100	Horizontal	Pass
6	17991.750	62.79	29.49	74.0	11.21	Peak	247.50	100	Horizontal	Pass
6**	17991.750	52.62	29.49	54.0	1.38	AV	247.50	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_17.29.47

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

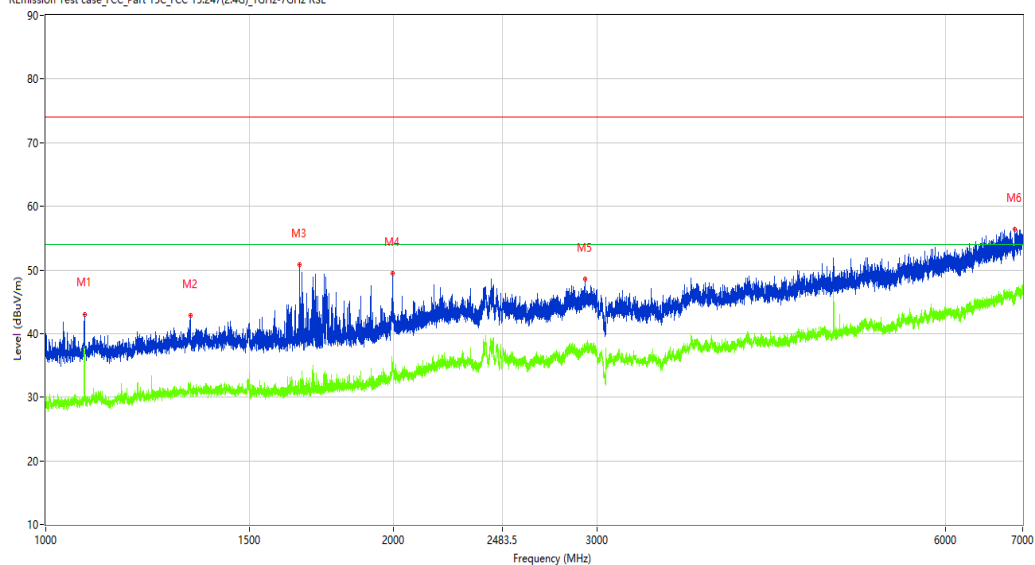
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.250	43.06	-14.30	74.0	30.94	Peak	129.20	100	Vertical	Pass
1**	1080.250	36.53	-14.30	54.0	17.47	AV	129.20	100	Vertical	Pass
2	1333.500	42.81	-12.92	74.0	31.19	Peak	98.70	100	Vertical	Pass
2**	1333.500	32.24	-12.92	54.0	21.76	AV	98.70	100	Vertical	Pass
3	1657.500	50.82	-12.88	74.0	23.18	Peak	113.60	100	Vertical	Pass
3**	1657.500	30.61	-12.88	54.0	23.39	AV	113.60	100	Vertical	Pass
4	1996.750	49.40	-10.96	74.0	24.60	Peak	360.00	100	Vertical	Pass
4**	1996.750	35.06	-10.96	54.0	18.94	AV	360.00	100	Vertical	Pass
5	2928.500	48.51	-4.68	74.0	25.49	Peak	313.80	100	Vertical	Pass
5**	2928.500	38.45	-4.68	54.0	15.55	AV	313.80	100	Vertical	Pass
6	6894.000	56.34	4.15	74.0	17.66	Peak	274.10	100	Vertical	Pass
6**	6894.000	45.55	4.15	54.0	8.45	AV	274.10	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_17.39.26

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

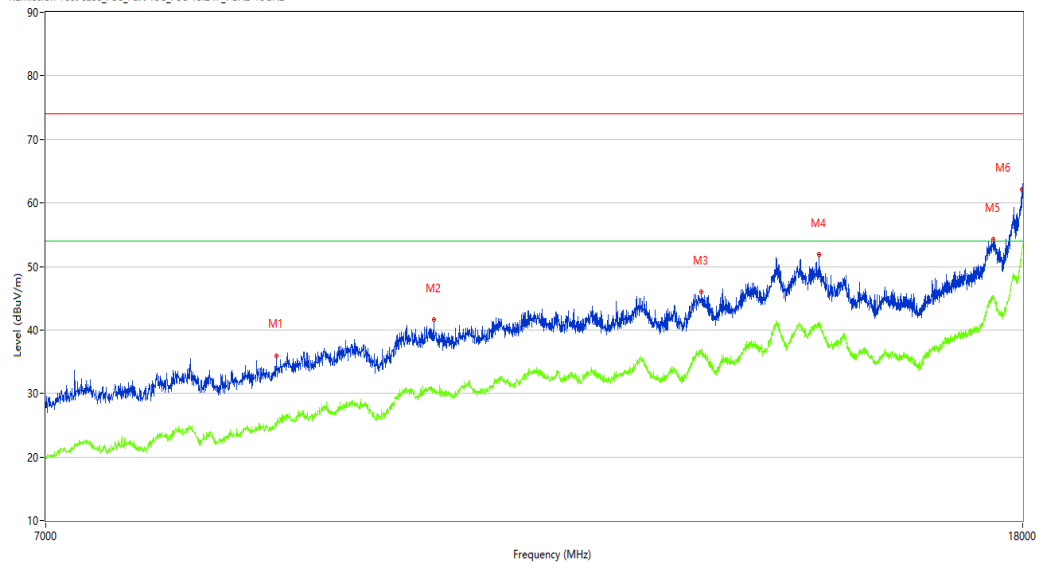
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8746.250	35.98	3.81	74.0	38.02	Peak	2.60	100	Vertical	Pass
1**	8746.250	25.48	3.81	54.0	28.52	AV	2.60	100	Vertical	Pass
2	10184.500	41.65	8.31	74.0	32.35	Peak	129.70	100	Vertical	Pass
2**	10184.500	30.83	8.31	54.0	23.17	AV	129.70	100	Vertical	Pass
3	13190.250	46.04	13.18	74.0	27.96	Peak	2.60	100	Vertical	Pass
3**	13190.250	36.51	13.18	54.0	17.49	AV	2.60	100	Vertical	Pass
4	14782.500	51.89	17.72	74.0	22.11	Peak	174.10	100	Vertical	Pass
4**	14782.500	41.05	17.72	54.0	12.95	AV	174.10	100	Vertical	Pass
5	17494.000	54.28	21.58	74.0	19.72	Peak	66.00	100	Vertical	Pass
5**	17494.000	45.33	21.58	54.0	8.67	AV	66.00	100	Vertical	Pass
6	17980.750	62.12	28.77	74.0	11.88	Peak	240.10	100	Vertical	Pass
6**	17980.750	52.24	28.77	54.0	1.76	AV	240.10	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_18.15.23

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

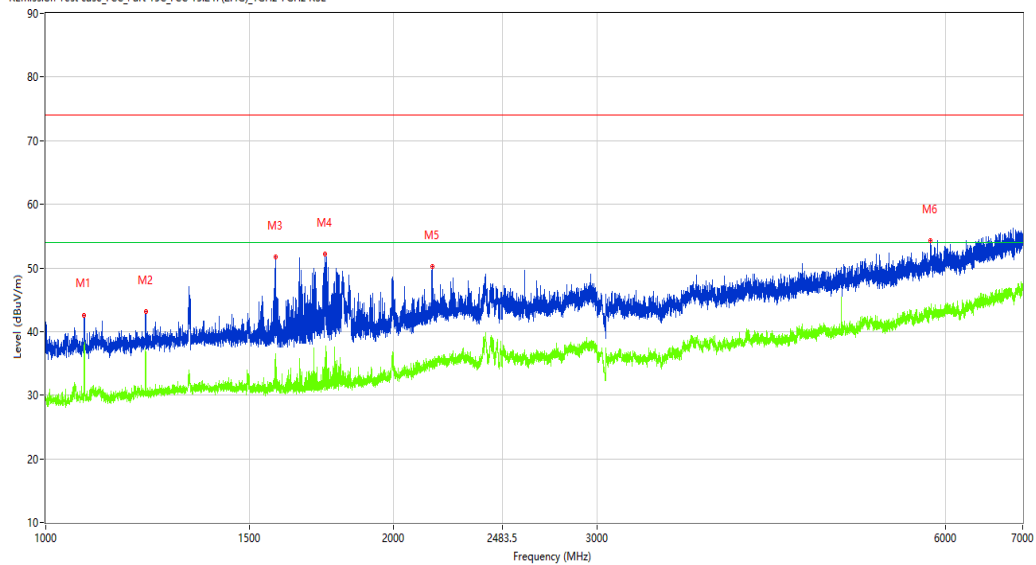
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.750	42.61	-14.30	74.0	31.39	Peak	40.90	100	Horizontal	Pass
1**	1079.750	37.46	-14.30	54.0	16.54	AV	40.90	100	Horizontal	Pass
2	1220.250	43.13	-13.55	74.0	30.87	Peak	0.90	100	Horizontal	Pass
2**	1220.250	36.75	-13.55	54.0	17.25	AV	0.90	100	Horizontal	Pass
3	1581.500	51.72	-13.07	74.0	22.28	Peak	156.30	100	Horizontal	Pass
3**	1581.500	36.55	-13.07	54.0	17.45	AV	156.30	100	Horizontal	Pass
4	1743.250	52.22	-12.58	74.0	21.78	Peak	77.00	100	Horizontal	Pass
4**	1743.250	35.52	-12.58	54.0	18.48	AV	77.00	100	Horizontal	Pass
5	2159.500	50.20	-8.72	74.0	23.80	Peak	77.00	100	Horizontal	Pass
5**	2159.500	34.44	-8.72	54.0	19.56	AV	77.00	100	Horizontal	Pass
6	5823.000	54.32	1.39	74.0	19.68	Peak	360.00	100	Horizontal	Pass
6**	5823.000	43.24	1.39	54.0	10.76	AV	360.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.17.53

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

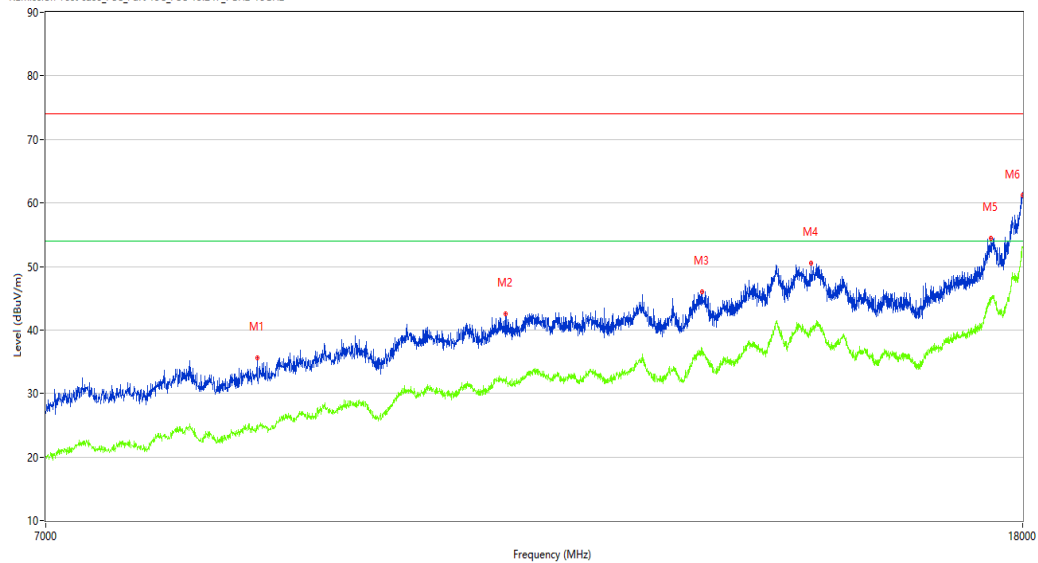
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8586.750	35.54	3.34	74.0	38.46	Peak	154.90	100	Horizontal	Pass
1**	8586.750	25.00	3.34	54.0	29.00	AV	154.90	100	Horizontal	Pass
2	10916.000	42.58	10.21	74.0	31.42	Peak	185.00	100	Horizontal	Pass
2**	10916.000	32.34	10.21	54.0	21.66	AV	185.00	100	Horizontal	Pass
3	13201.250	46.02	13.21	74.0	27.98	Peak	185.00	100	Horizontal	Pass
3**	13201.250	37.15	13.21	54.0	16.85	AV	185.00	100	Horizontal	Pass
4	14667.000	50.53	16.82	74.0	23.47	Peak	48.80	100	Horizontal	Pass
4**	14667.000	39.63	16.82	54.0	14.37	AV	48.80	100	Horizontal	Pass
5	17455.499	54.42	21.04	74.0	19.58	Peak	78.90	100	Horizontal	Pass
5**	17455.499	44.37	21.04	54.0	9.63	AV	78.90	100	Horizontal	Pass
6	17994.500	61.21	29.67	74.0	12.79	Peak	154.90	100	Horizontal	Pass
6**	17994.500	53.02	29.67	54.0	0.98	AV	154.90	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_18.12.13

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

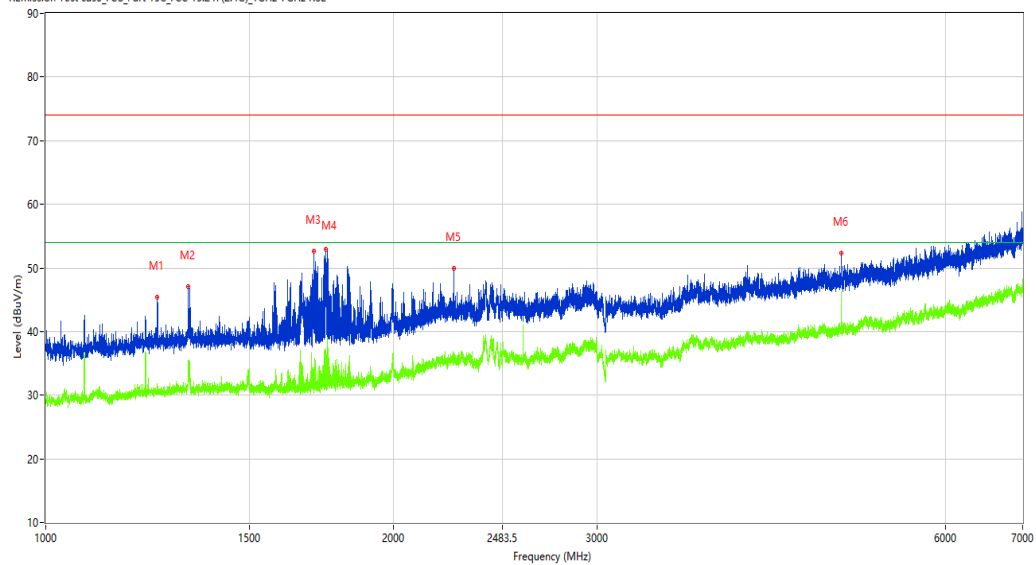
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.500	45.37	-13.37	74.0	28.63	Peak	197.60	100	Vertical	Pass
1**	1248.500	30.87	-13.37	54.0	23.13	AV	197.60	100	Vertical	Pass
2	1327.250	47.09	-12.96	74.0	26.91	Peak	69.20	100	Vertical	Pass
2**	1327.250	35.42	-12.96	54.0	18.58	AV	69.20	100	Vertical	Pass
3	1705.750	52.70	-12.84	74.0	21.30	Peak	85.20	100	Vertical	Pass
3**	1705.750	32.70	-12.84	54.0	21.30	AV	85.20	100	Vertical	Pass
4	1746.000	52.95	-12.62	74.0	21.05	Peak	85.20	100	Vertical	Pass
4**	1746.000	32.76	-12.62	54.0	21.24	AV	85.20	100	Vertical	Pass
5	2254.000	49.88	-7.53	74.0	24.12	Peak	85.20	100	Vertical	Pass
5**	2254.000	34.92	-7.53	54.0	19.08	AV	85.20	100	Vertical	Pass
6	4880.000	52.38	-0.83	74.0	21.62	Peak	138.40	100	Vertical	Pass
6**	4880.000	46.18	-0.83	54.0	7.82	AV	138.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.19.49

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7819.500	35.10	2.00	74.0	38.90	Peak	172.70	100	Vertical	Pass
1**	7819.500	23.22	2.00	54.0	30.78	AV	172.70	100	Vertical	Pass
2	9920.500	41.20	8.96	74.0	32.80	Peak	259.70	100	Vertical	Pass
2**	9920.500	31.23	8.96	54.0	22.77	AV	259.70	100	Vertical	Pass
3	12398.250	44.88	11.79	74.0	29.12	Peak	360.00	100	Vertical	Pass
3**	12398.250	34.62	11.79	54.0	19.38	AV	360.00	100	Vertical	Pass
4	14524.000	51.18	16.62	74.0	22.82	Peak	326.70	100	Vertical	Pass
4**	14524.000	40.57	16.62	54.0	13.43	AV	326.70	100	Vertical	Pass
5	17832.249	58.10	23.31	74.0	15.90	Peak	259.70	100	Vertical	Pass
5**	17832.249	48.45	23.31	54.0	5.55	AV	259.70	100	Vertical	Pass
6	17983.500	61.64	28.95	74.0	12.36	Peak	172.70	100	Vertical	Pass
6**	17983.500	52.23	28.95	54.0	1.77	AV	172.70	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_18.05.04

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

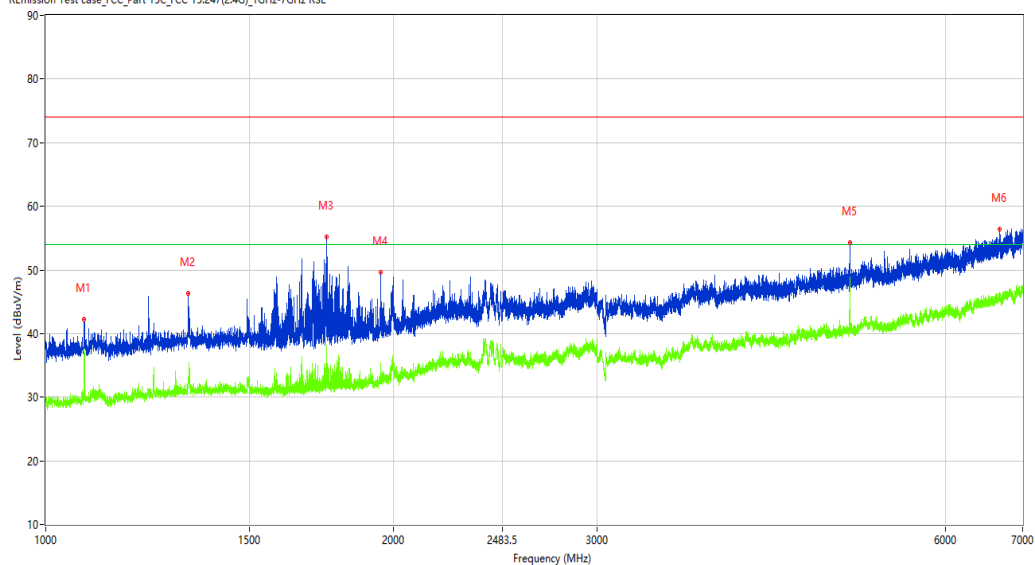
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.750	42.17	-14.30	74.0	31.83	Peak	57.60	100	Horizontal	Pass
1**	1079.750	36.82	-14.30	54.0	17.18	AV	57.60	100	Horizontal	Pass
2	1327.500	46.29	-12.96	74.0	27.71	Peak	57.60	100	Horizontal	Pass
2**	1327.500	31.34	-12.96	54.0	22.66	AV	57.60	100	Horizontal	Pass
3	1750.750	55.14	-12.51	74.0	18.86	Peak	85.80	100	Horizontal	Pass
3**	1750.750	31.97	-12.51	54.0	22.03	AV	85.80	100	Horizontal	Pass
4	1947.750	49.62	-11.20	74.0	24.38	Peak	42.00	100	Horizontal	Pass
4**	1947.750	35.48	-11.20	54.0	18.52	AV	42.00	100	Horizontal	Pass
5	4960.000	54.22	-0.63	74.0	19.78	Peak	183.30	100	Horizontal	Pass
5**	4960.000	48.85	-0.63	54.0	5.15	AV	183.30	100	Horizontal	Pass
6	6683.000	56.41	3.55	74.0	17.59	Peak	100.40	100	Horizontal	Pass
6**	6683.000	46.39	3.55	54.0	7.61	AV	100.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.03.20

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

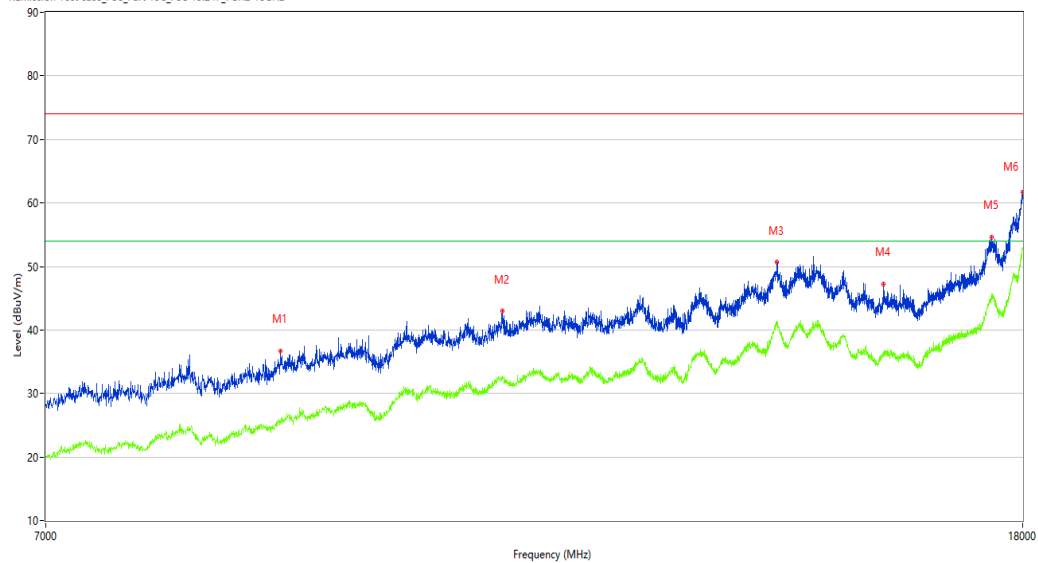
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8784.750	36.73	4.05	74.0	37.27	Peak	47.30	100	Horizontal	Pass
1**	8784.750	25.57	4.05	54.0	28.43	AV	47.30	100	Horizontal	Pass
2	10883.000	43.00	10.20	74.0	31.00	Peak	64.00	100	Horizontal	Pass
2**	10883.000	32.29	10.20	54.0	21.71	AV	64.00	100	Horizontal	Pass
3	14194.000	50.69	18.53	74.0	23.31	Peak	255.10	100	Horizontal	Pass
3**	14194.000	41.13	18.53	54.0	12.87	AV	255.10	100	Horizontal	Pass
4	15734.000	47.17	10.63	74.0	26.83	Peak	205.90	100	Horizontal	Pass
4**	15734.000	36.45	10.63	54.0	17.55	AV	205.90	100	Horizontal	Pass
5	17469.250	54.60	21.37	74.0	19.40	Peak	189.50	100	Horizontal	Pass
5**	17469.250	45.37	21.37	54.0	8.63	AV	189.50	100	Horizontal	Pass
6	17997.251	61.72	29.85	74.0	12.28	Peak	205.90	100	Horizontal	Pass
6**	17997.251	52.78	29.85	54.0	1.22	AV	205.90	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_18.07.30

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

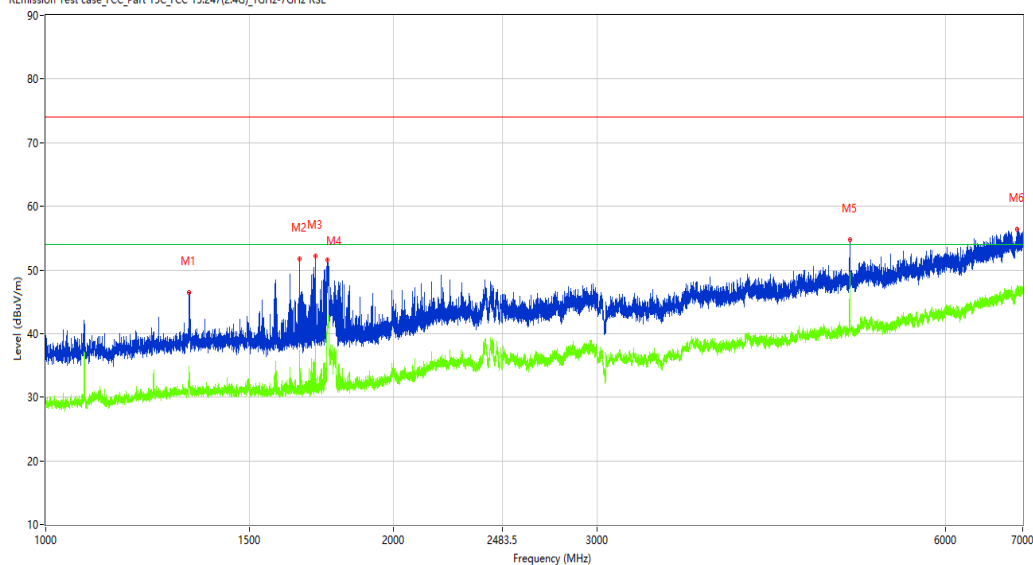
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.750	46.50	-12.94	74.0	27.50	Peak	6.00	100	Vertical	Pass
1**	1330.750	34.50	-12.94	54.0	19.50	AV	6.00	100	Vertical	Pass
2	1658.750	51.75	-12.87	74.0	22.25	Peak	67.00	100	Vertical	Pass
2**	1658.750	37.46	-12.87	54.0	16.54	AV	67.00	100	Vertical	Pass
3	1710.750	52.14	-12.78	74.0	21.86	Peak	67.00	100	Vertical	Pass
3**	1710.750	39.00	-12.78	54.0	15.00	AV	67.00	100	Vertical	Pass
4	1751.250	51.59	-12.50	74.0	22.41	Peak	67.00	100	Vertical	Pass
4**	1751.250	39.91	-12.50	54.0	14.09	AV	67.00	100	Vertical	Pass
5	4960.500	54.72	-0.63	74.0	19.28	Peak	188.00	100	Vertical	Pass
5**	4960.500	49.38	-0.63	54.0	4.62	AV	188.00	100	Vertical	Pass
6	6924.500	56.34	4.16	74.0	17.66	Peak	0.90	100	Vertical	Pass
6**	6924.500	46.72	4.16	54.0	7.28	AV	0.90	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.01.40

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

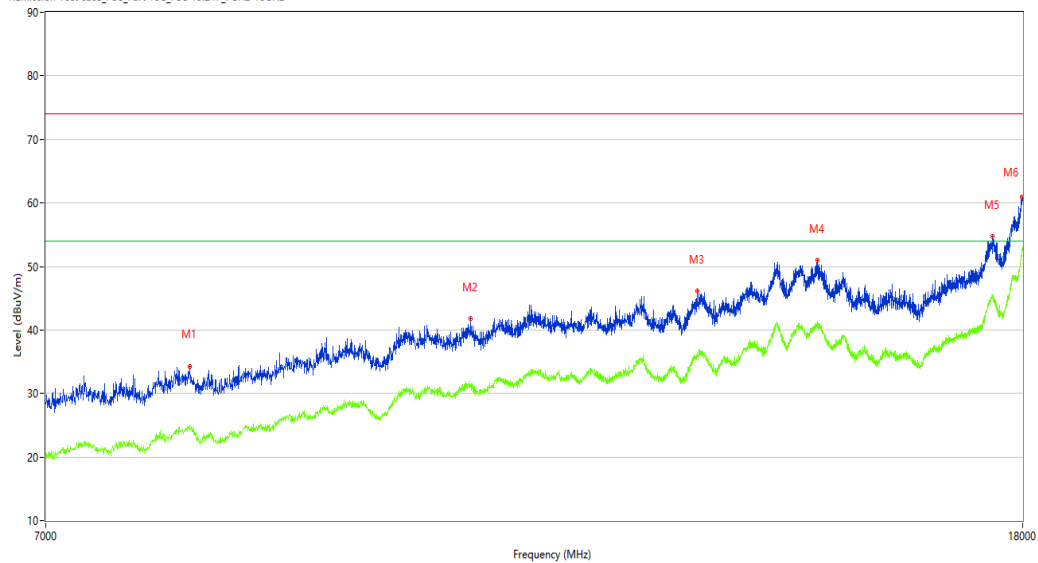
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8047.750	34.31	3.85	74.0	39.69	Peak	109.50	100	Vertical	Pass
1**	8047.750	24.91	3.85	54.0	29.09	AV	109.50	100	Vertical	Pass
2	10558.500	41.76	9.48	74.0	32.24	Peak	360.00	100	Vertical	Pass
2**	10558.500	31.36	9.48	54.0	22.64	AV	360.00	100	Vertical	Pass
3	13138.000	46.14	13.07	74.0	27.86	Peak	109.50	100	Vertical	Pass
3**	13138.000	36.53	13.07	54.0	17.47	AV	109.50	100	Vertical	Pass
4	14757.750	51.01	17.91	74.0	22.99	Peak	169.00	100	Vertical	Pass
4**	14757.750	40.66	17.91	54.0	13.34	AV	169.00	100	Vertical	Pass
5	17477.501	54.67	21.57	74.0	19.33	Peak	230.10	100	Vertical	Pass
5**	17477.501	45.58	21.57	54.0	8.42	AV	230.10	100	Vertical	Pass
6	17980.750	60.87	28.77	74.0	13.13	Peak	360.00	100	Vertical	Pass
6**	17980.750	51.65	28.77	54.0	2.35	AV	360.00	100	Vertical	Pass

BLE-1M-Bandedge -Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_17.43.18

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

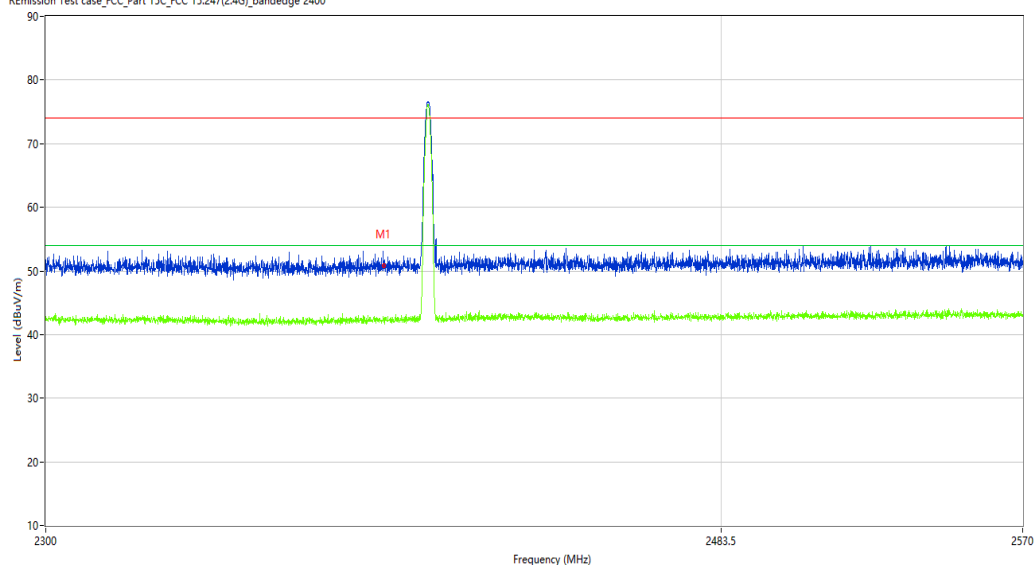
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.11	-10.27	74.0	22.89	Peak	224.83	100	Horizontal	Pass
1**	2390.000	42.43	-10.27	54.0	11.57	AV	224.83	100	Horizontal	Pass

BLE-1M-Bandedge -Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-09-05_17.41.41

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

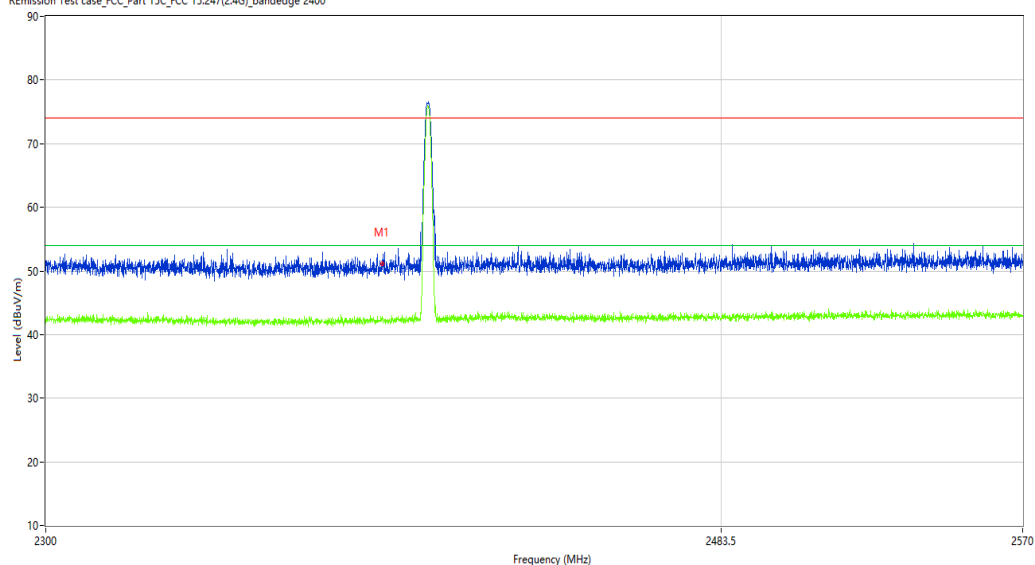
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.07	-10.27	74.0	22.93	Peak	158.68	100	Vertical	Pass
1**	2390.000	42.24	-10.27	54.0	11.76	AV	158.68	100	Vertical	Pass

BLE-1M-Bandedge -High channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_17.58.39

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

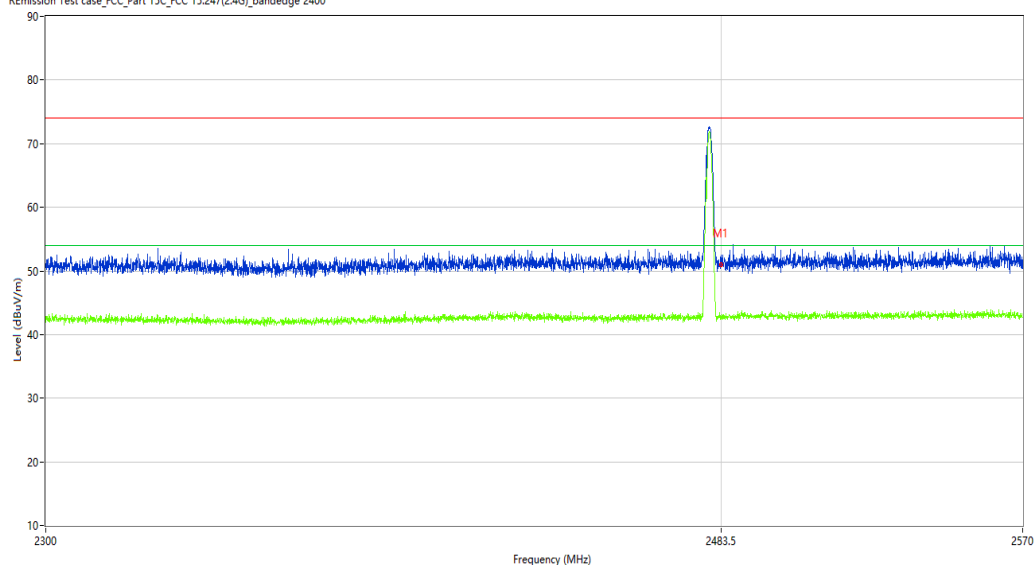
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.12	-9.82	74.0	22.88	Peak	40.55	100	Horizontal	Pass
1**	2483.500	42.50	-9.82	54.0	11.50	AV	40.55	100	Horizontal	Pass

BLE-1M-Bandedge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_18.00.06

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-1Mbps

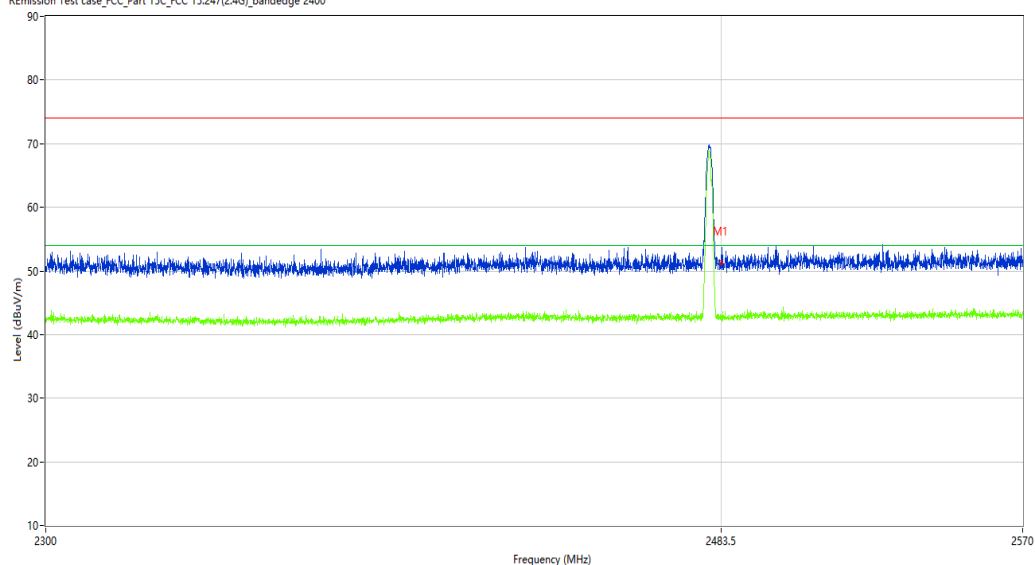
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.29	-9.82	74.0	22.71	Peak	113.77	100	Vertical	Pass
1**	2483.500	42.73	-9.82	54.0	11.27	AV	113.77	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-06_09.36.24

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

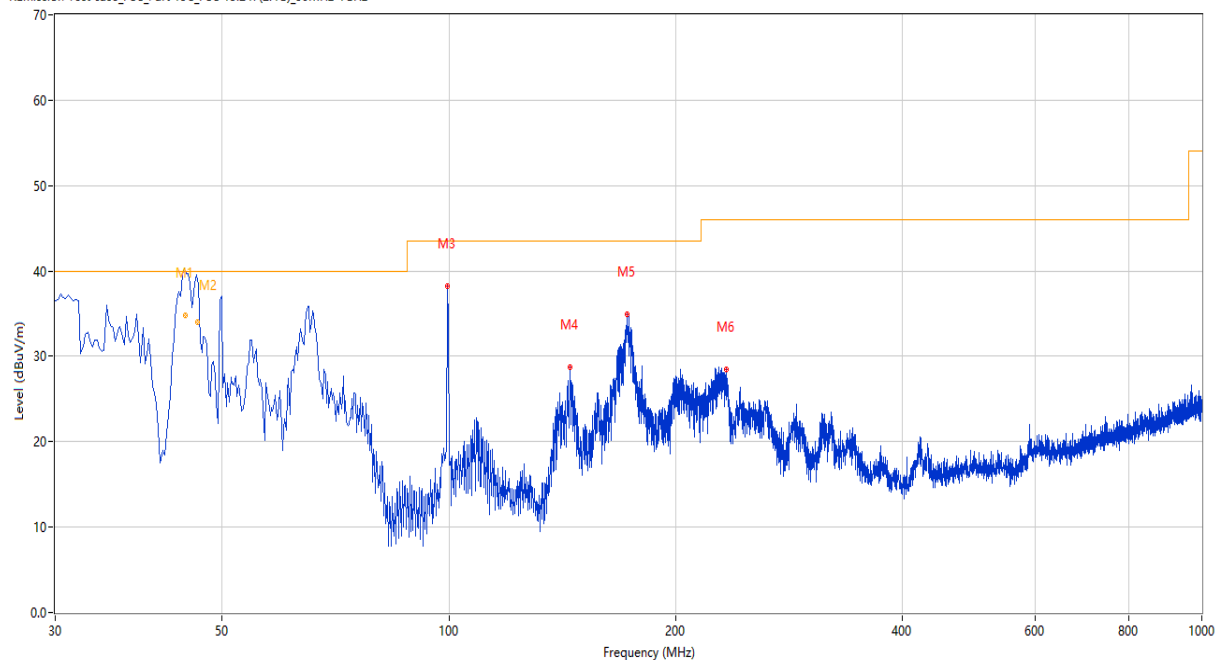
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	44.720	34.79	-24.37	40.0	5.21	QP	358.60	102	Horizontal	Pass
2	46.363	41.19	-24.22	40.0	-1.19	Peak	223.10	106	Horizontal	N/A
2*	46.363	33.96	-24.22	40.0	6.04	QP	223.10	106	Horizontal	Pass
3	99.580	38.29	-25.71	43.5	5.21	Peak	144.20	100	Horizontal	Pass
4	144.916	28.75	-29.27	43.5	14.75	Peak	359.90	100	Horizontal	Pass
5	172.312	34.99	-28.13	43.5	8.51	Peak	1.40	100	Horizontal	Pass
6	233.649	28.54	-24.08	46.0	17.46	Peak	11.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-06_09.32.23

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

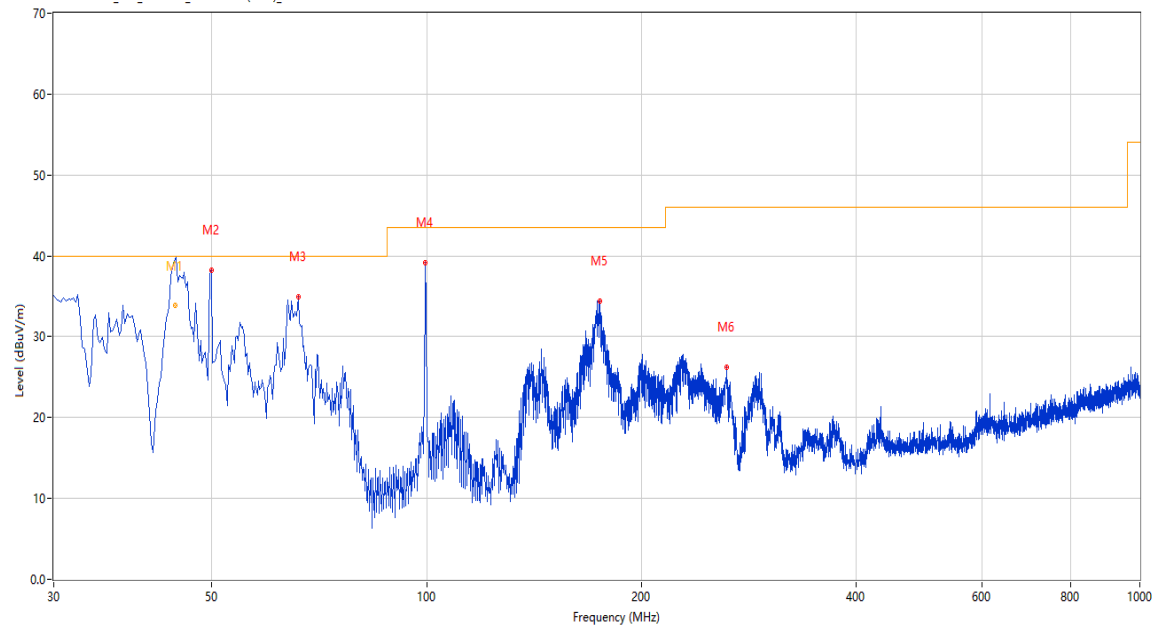
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	44.377	33.94	-24.37	40.0	6.06	QP	339.10	100	Vertical	Pass
2	49.880	38.20	-23.98	40.0	1.80	Peak	246.20	100	Vertical	Pass
3	66.123	34.89	-27.24	40.0	5.11	Peak	149.30	100	Vertical	Pass
4	99.580	39.21	-25.71	43.5	4.29	Peak	129.20	100	Vertical	Pass
5	174.979	34.38	-28.06	43.5	9.12	Peak	1.20	100	Vertical	Pass
6	263.712	26.23	-23.47	46.0	19.77	Peak	145.20	100	Vertical	Pass

1-18G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.00.12

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

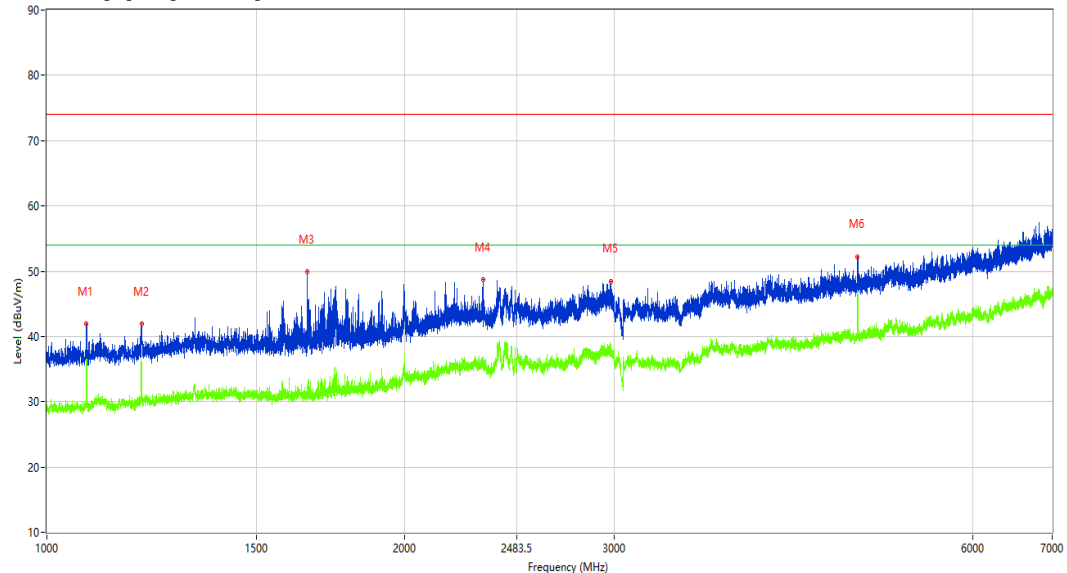
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R/Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.750	41.88	-14.30	74.0	32.12	Peak	135.40	100	Horizontal	Pass
1**	1079.750	36.45	-14.30	54.0	17.55	AV	135.40	100	Horizontal	Pass
2	1201.000	41.97	-13.66	74.0	32.03	Peak	360.00	100	Horizontal	Pass
2**	1201.000	35.83	-13.66	54.0	18.17	AV	360.00	100	Horizontal	Pass
3	1654.750	49.86	-12.88	74.0	24.14	Peak	244.40	100	Horizontal	Pass
3**	1654.750	32.34	-12.88	54.0	21.66	AV	244.40	100	Horizontal	Pass
4	2325.500	48.71	-8.06	74.0	25.29	Peak	154.00	100	Horizontal	Pass
4**	2325.500	36.88	-8.06	54.0	17.12	AV	154.00	100	Horizontal	Pass
5	2978.750	48.35	-3.65	74.0	25.65	Peak	275.70	100	Horizontal	Pass
5**	2978.750	37.89	-3.65	54.0	16.11	AV	275.70	100	Horizontal	Pass
6	4804.500	52.24	-1.38	74.0	21.76	Peak	129.70	100	Horizontal	Pass
6**	4804.500	47.08	-1.38	54.0	6.92	AV	129.70	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.55.09

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

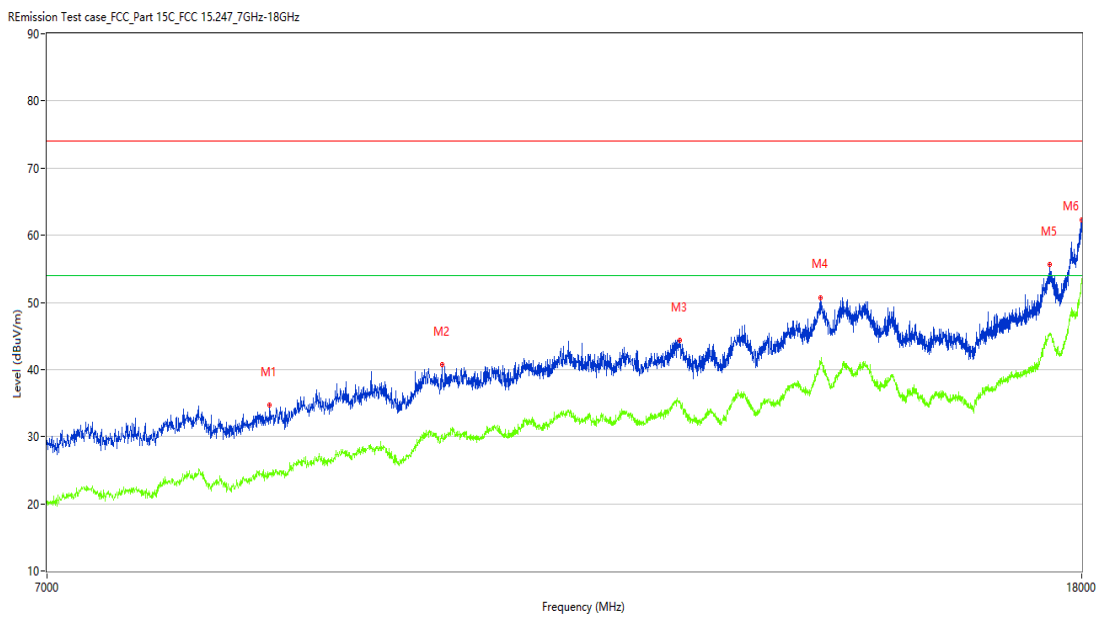
Work Addition: TX-BLE-2Mbps

Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8578.500	34.67	3.25	74.0	39.33	Peak	182.80	100	Horizontal	Pass
1**	8578.500	24.61	3.25	54.0	29.39	AV	182.80	100	Horizontal	Pass
2	10038.750	40.68	8.31	74.0	33.32	Peak	2.70	100	Horizontal	Pass
2**	10038.750	29.78	8.31	54.0	24.22	AV	2.70	100	Horizontal	Pass
3	12472.500	44.37	11.77	74.0	29.63	Peak	358.20	100	Horizontal	Pass
3**	12472.500	35.25	11.77	54.0	18.75	AV	358.20	100	Horizontal	Pass
4	14180.250	50.75	18.41	74.0	23.25	Peak	301.10	100	Horizontal	Pass
4**	14180.250	41.17	18.41	54.0	12.83	AV	301.10	100	Horizontal	Pass
5	17483.000	55.62	21.70	74.0	18.38	Peak	2.70	100	Horizontal	Pass
5**	17483.000	45.16	21.70	54.0	8.84	AV	2.70	100	Horizontal	Pass
6	17997.251	62.28	29.85	74.0	11.72	Peak	358.20	100	Horizontal	Pass
6**	17997.251	53.41	29.85	54.0	0.59	AV	358.20	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.02.58

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

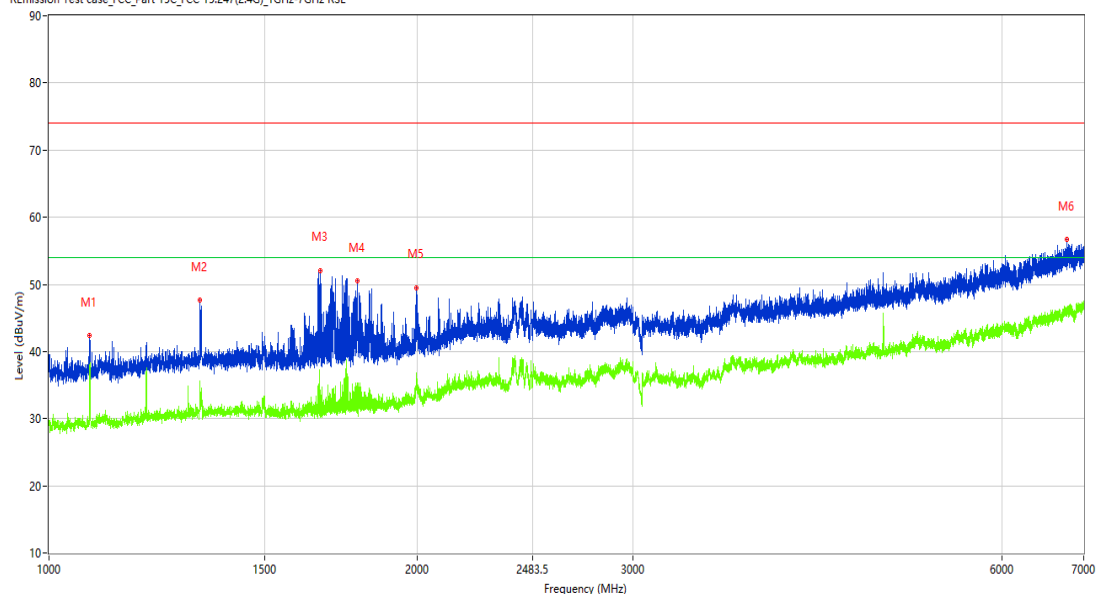
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R:Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.750	42.35	-14.30	74.0	31.65	Peak	66.30	100	Vertical	Pass
1**	1079.750	37.94	-14.30	54.0	16.06	AV	66.30	100	Vertical	Pass
2	1328.750	47.67	-12.95	74.0	26.33	Peak	97.90	100	Vertical	Pass
2**	1328.750	35.67	-12.95	54.0	18.33	AV	97.90	100	Vertical	Pass
3	1666.250	52.09	-12.93	74.0	21.91	Peak	81.50	100	Vertical	Pass
3**	1666.250	31.42	-12.93	54.0	22.58	AV	81.50	100	Vertical	Pass
4	1785.750	50.48	-12.33	74.0	23.52	Peak	97.90	100	Vertical	Pass
4**	1785.750	35.30	-12.33	54.0	18.70	AV	97.90	100	Vertical	Pass
5	1996.500	49.53	-10.96	74.0	24.47	Peak	81.50	100	Vertical	Pass
5**	1996.500	34.96	-10.96	54.0	19.04	AV	81.50	100	Vertical	Pass
6	6784.500	56.75	4.16	74.0	17.25	Peak	44.10	100	Vertical	Pass
6**	6784.500	45.61	4.16	54.0	8.39	AV	44.10	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_18.53.20

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

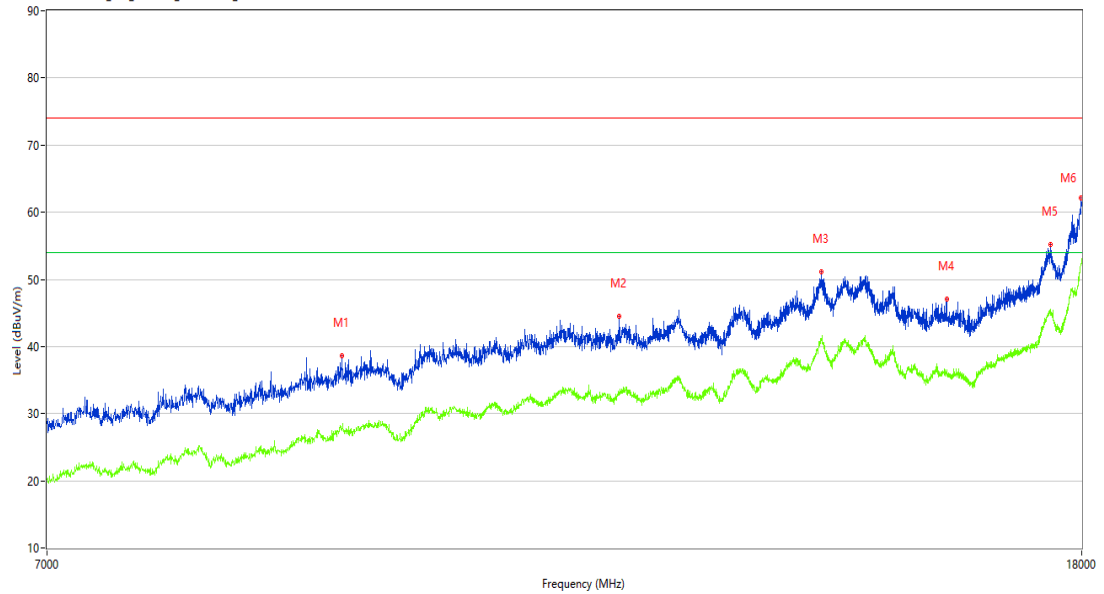
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9164.250	38.63	6.34	74.0	35.37	Peak	103.90	100	Vertical	Pass
1**	9164.250	27.41	6.34	54.0	26.59	AV	103.90	100	Vertical	Pass
2	11804.250	44.54	10.38	74.0	29.46	Peak	167.50	100	Vertical	Pass
2**	11804.250	33.13	10.38	54.0	20.87	AV	167.50	100	Vertical	Pass
3	14194.000	51.07	18.53	74.0	22.93	Peak	244.90	100	Vertical	Pass
3**	14194.000	40.97	18.53	54.0	13.03	AV	244.90	100	Vertical	Pass
4	15910.000	47.05	12.01	74.0	26.95	Peak	244.90	100	Vertical	Pass
4**	15910.000	36.22	12.01	54.0	17.78	AV	244.90	100	Vertical	Pass
5	17496.750	55.18	21.54	74.0	18.82	Peak	184.30	100	Vertical	Pass
5**	17496.750	45.48	21.54	54.0	8.52	AV	184.30	100	Vertical	Pass
6	17988.999	62.17	29.31	74.0	11.83	Peak	184.30	100	Vertical	Pass
6**	17988.999	52.09	29.31	54.0	1.91	AV	184.30	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.30.59

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

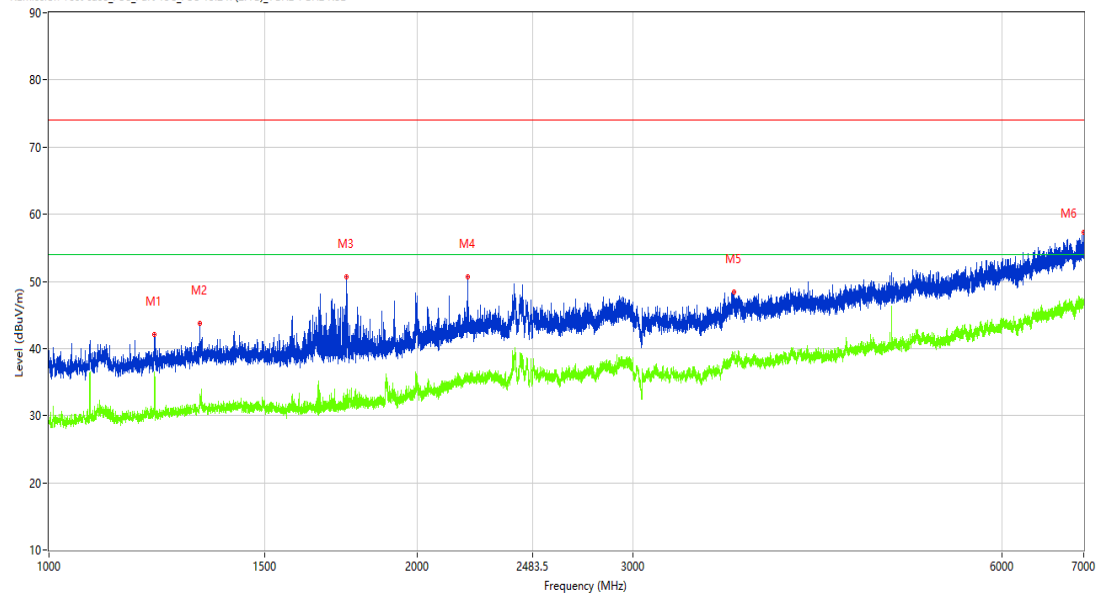
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.000	42.11	-13.55	74.0	31.89	Peak	27.50	100	Horizontal	Pass
1**	1220.000	36.46	-13.55	54.0	17.54	AV	27.50	100	Horizontal	Pass
2	1328.500	43.72	-12.95	74.0	30.28	Peak	43.50	100	Horizontal	Pass
2**	1328.500	32.24	-12.95	54.0	21.76	AV	43.50	100	Horizontal	Pass
3	1749.750	50.61	-12.53	74.0	23.39	Peak	43.50	100	Horizontal	Pass
3**	1749.750	32.08	-12.53	54.0	21.92	AV	43.50	100	Horizontal	Pass
4	2196.500	50.72	-7.96	74.0	23.28	Peak	161.90	100	Horizontal	Pass
4**	2196.500	35.18	-7.96	54.0	18.82	AV	161.90	100	Horizontal	Pass
5	3626.000	48.38	-2.23	74.0	25.62	Peak	335.10	100	Horizontal	Pass
5**	3626.000	39.00	-2.23	54.0	15.00	AV	335.10	100	Horizontal	Pass
6	6997.500	57.36	4.73	74.0	16.64	Peak	351.10	100	Horizontal	Pass
6**	6997.500	47.15	4.73	54.0	6.85	AV	351.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_19.33.40

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

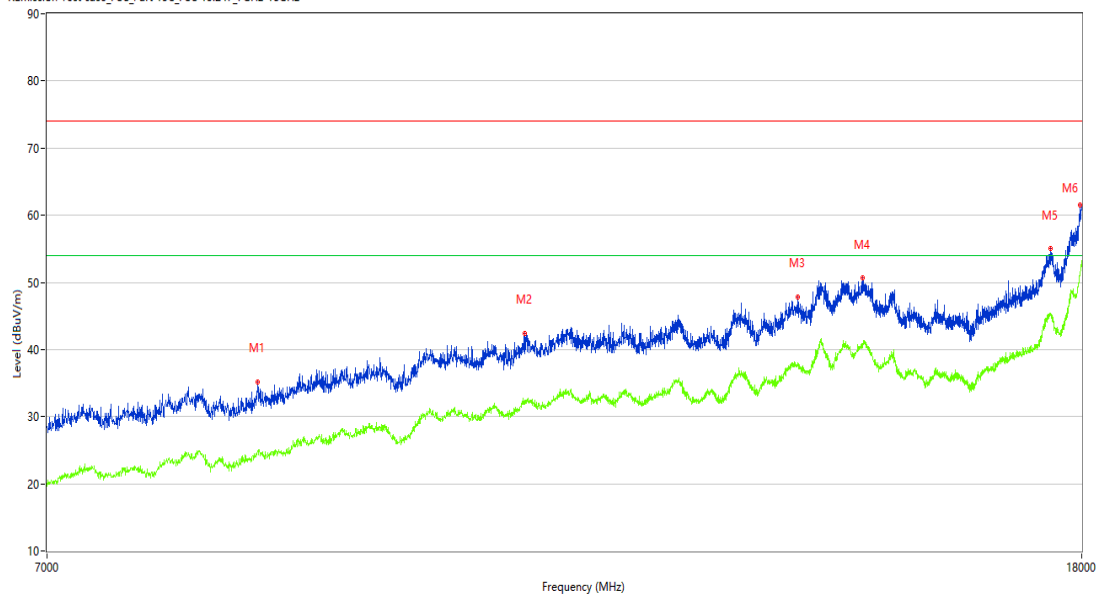
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R Emission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8482.250	35.22	2.88	74.0	38.78	Peak	250.90	100	Horizontal	Pass
1**	8482.250	24.91	2.88	54.0	29.09	AV	250.90	100	Horizontal	Pass
2	10825.250	42.45	9.92	74.0	31.55	Peak	73.70	100	Horizontal	Pass
2**	10825.250	32.15	9.92	54.0	21.85	AV	73.70	100	Horizontal	Pass
3	13888.750	47.88	14.44	74.0	26.12	Peak	312.70	100	Horizontal	Pass
3**	13888.750	37.77	14.44	54.0	16.23	AV	312.70	100	Horizontal	Pass
4	14733.000	50.68	17.62	74.0	23.32	Peak	312.70	100	Horizontal	Pass
4**	14733.000	40.23	17.62	54.0	13.77	AV	312.70	100	Horizontal	Pass
5	17496.750	55.11	21.54	74.0	18.89	Peak	202.10	100	Horizontal	Pass
5**	17496.750	45.03	21.54	54.0	8.97	AV	202.10	100	Horizontal	Pass
6	17975.251	61.51	28.42	74.0	12.49	Peak	312.70	100	Horizontal	Pass
6**	17975.251	51.40	28.42	54.0	2.60	AV	312.70	100	Horizontal	Pass

BLE-2M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.28.05

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

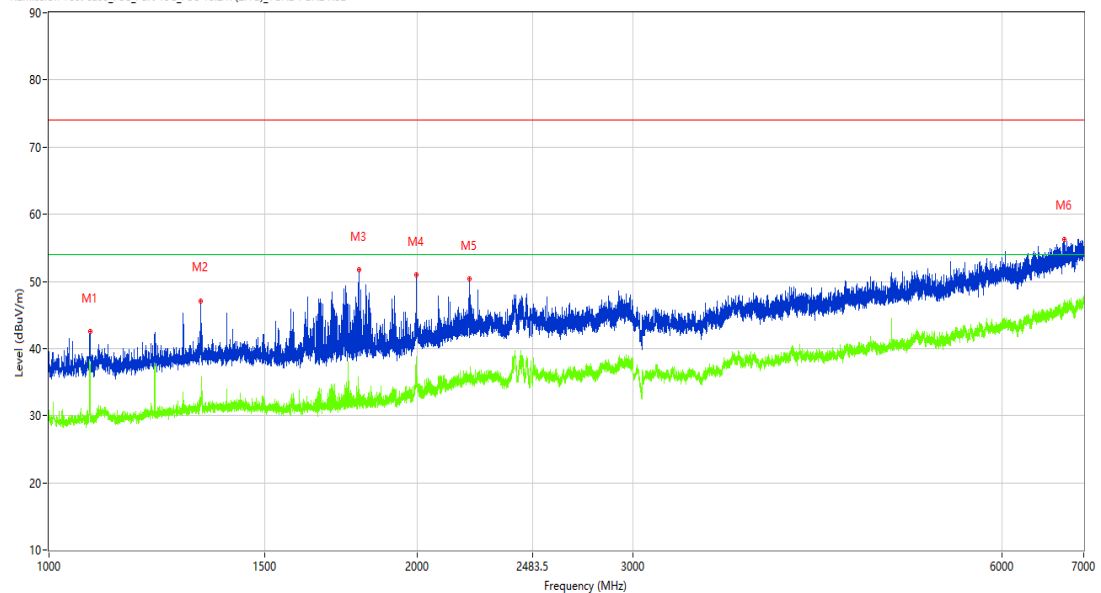
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R/Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.000	42.50	-14.30	74.0	31.50	Peak	55.50	100	Vertical	Pass
1**	1080.000	36.93	-14.30	54.0	17.07	AV	55.50	100	Vertical	Pass
2	1330.250	47.11	-12.94	74.0	26.89	Peak	55.50	100	Vertical	Pass
2**	1330.250	32.33	-12.94	54.0	21.67	AV	55.50	100	Vertical	Pass
3	1791.250	51.66	-12.40	74.0	22.34	Peak	55.50	100	Vertical	Pass
3**	1791.250	31.38	-12.40	54.0	22.62	AV	55.50	100	Vertical	Pass
4	1994.500	50.99	-11.00	74.0	23.01	Peak	38.40	100	Vertical	Pass
4**	1994.500	38.72	-11.00	54.0	15.28	AV	38.40	100	Vertical	Pass
5	2205.000	50.31	-8.08	74.0	23.69	Peak	70.80	100	Vertical	Pass
5**	2205.000	35.58	-8.08	54.0	18.42	AV	70.80	100	Vertical	Pass
6	6752.500	56.22	3.83	74.0	17.78	Peak	90.40	100	Vertical	Pass
6**	6752.500	45.68	3.83	54.0	8.32	AV	90.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_19.35.42

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8485.000	34.70	2.89	74.0	39.30	Peak	360.00	100	Vertical	Pass
1**	8485.000	24.68	2.89	54.0	29.32	AV	360.00	100	Vertical	Pass
2	10225.750	40.68	8.30	74.0	33.32	Peak	360.00	100	Vertical	Pass
2**	10225.750	30.32	8.30	54.0	23.68	AV	360.00	100	Vertical	Pass
3	11196.500	43.24	10.40	74.0	30.76	Peak	0.00	100	Vertical	Pass
3**	11196.500	33.77	10.40	54.0	20.23	AV	0.00	100	Vertical	Pass
4	13806.250	47.33	13.99	74.0	26.67	Peak	225.90	100	Vertical	Pass
4**	13806.250	37.98	13.99	54.0	16.02	AV	225.90	100	Vertical	Pass
5	14430.500	50.58	16.56	74.0	23.42	Peak	0.00	100	Vertical	Pass
5**	14430.500	40.20	16.56	54.0	13.80	AV	0.00	100	Vertical	Pass
6	17994.500	62.99	29.67	74.0	11.01	Peak	102.00	100	Vertical	Pass
6**	17994.500	53.20	29.67	54.0	0.80	AV	102.00	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.21.32

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

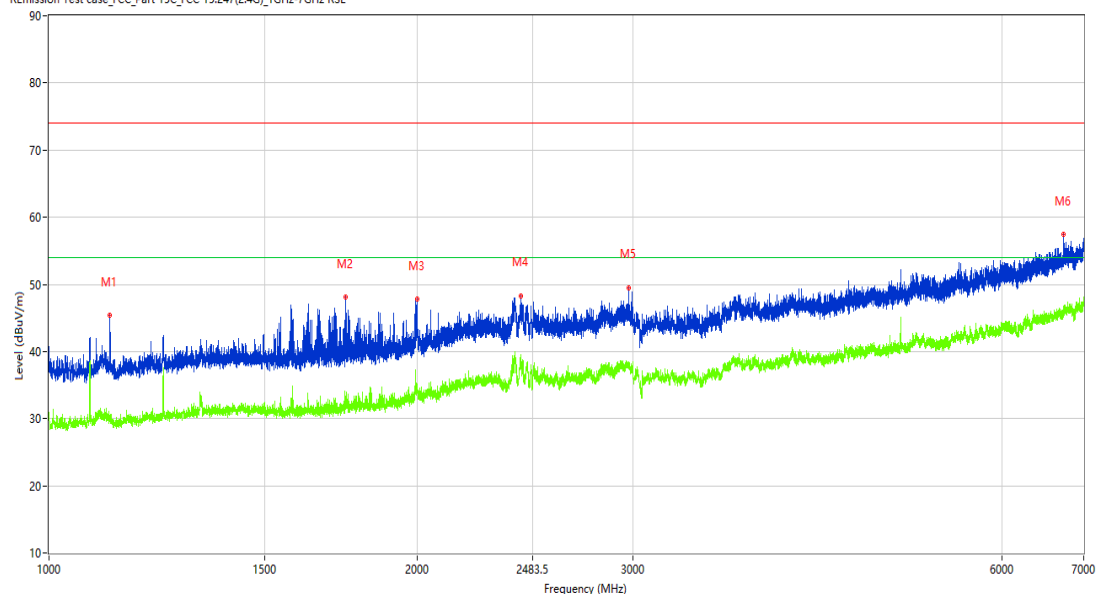
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R/Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1120.750	45.38	-14.18	74.0	28.62	Peak	28.50	100	Horizontal	Pass
1**	1120.750	30.19	-14.18	54.0	23.81	AV	28.50	100	Horizontal	Pass
2	1746.750	48.10	-12.60	74.0	25.90	Peak	61.70	100	Horizontal	Pass
2**	1746.750	33.29	-12.60	54.0	20.71	AV	61.70	100	Horizontal	Pass
3	1999.750	47.85	-10.90	74.0	26.15	Peak	45.70	100	Horizontal	Pass
3**	1999.750	34.93	-10.90	54.0	19.07	AV	45.70	100	Horizontal	Pass
4	2429.000	48.34	-5.25	74.0	25.66	Peak	205.00	100	Horizontal	Pass
4**	2429.000	37.83	-5.25	54.0	16.17	AV	205.00	100	Horizontal	Pass
5	2975.750	49.52	-3.68	74.0	24.48	Peak	61.70	100	Horizontal	Pass
5**	2975.750	37.43	-3.68	54.0	16.57	AV	61.70	100	Horizontal	Pass
6	6742.500	57.47	3.74	74.0	16.53	Peak	150.30	100	Horizontal	Pass
6**	6742.500	45.77	3.74	54.0	8.23	AV	150.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_19.19.37

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

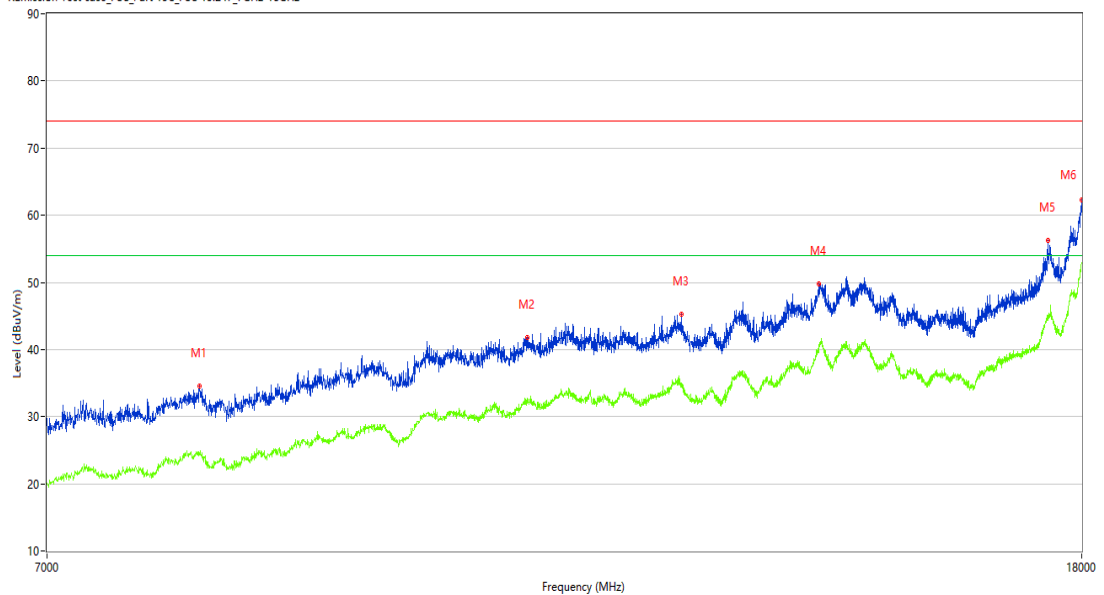
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8047.750	34.59	3.85	74.0	39.41	Peak	208.10	100	Horizontal	Pass
1**	8047.750	24.45	3.85	54.0	29.55	AV	208.10	100	Horizontal	Pass
2	10852.750	41.75	10.20	74.0	32.25	Peak	142.60	100	Horizontal	Pass
2**	10852.750	32.29	10.20	54.0	21.71	AV	142.60	100	Horizontal	Pass
3	12489.000	45.28	11.37	74.0	28.72	Peak	312.60	100	Horizontal	Pass
3**	12489.000	34.95	11.37	54.0	19.05	AV	312.60	100	Horizontal	Pass
4	14158.250	49.81	17.69	74.0	24.19	Peak	360.00	100	Horizontal	Pass
4**	14158.250	40.80	17.69	54.0	13.20	AV	360.00	100	Horizontal	Pass
5	17450.000	56.22	20.91	74.0	17.78	Peak	47.30	100	Horizontal	Pass
5**	17450.000	44.34	20.91	54.0	9.66	AV	47.30	100	Horizontal	Pass
6	17999.999	62.26	30.03	74.0	11.74	Peak	360.00	100	Horizontal	Pass
6**	17999.999	52.76	30.03	54.0	1.24	AV	360.00	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.23.40

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

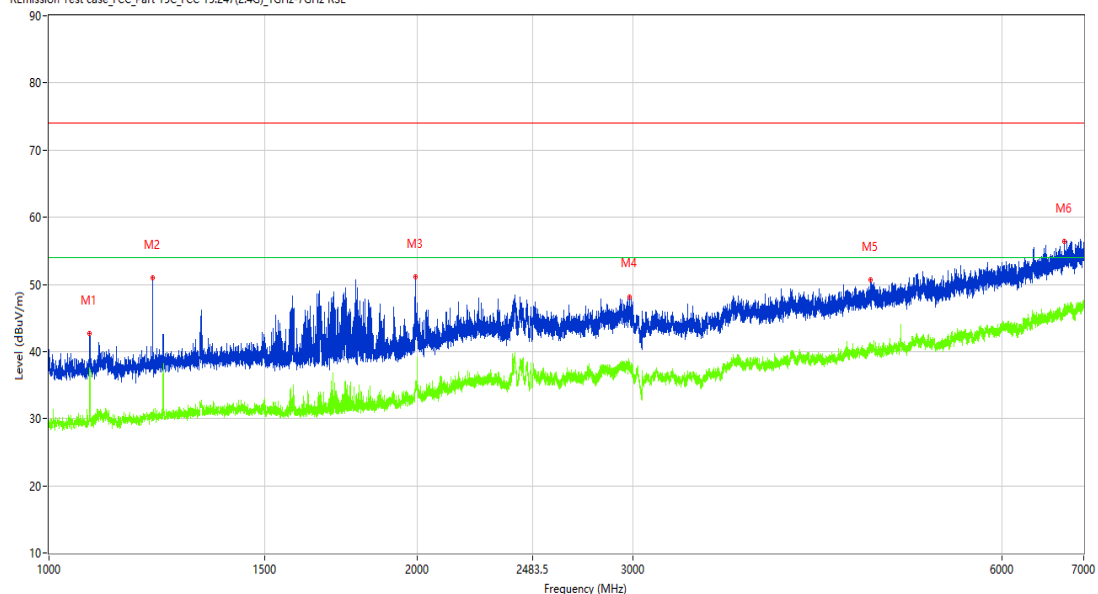
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1079.750	42.63	-14.30	74.0	31.37	Peak	60.30	100	Vertical	Pass
1**	1079.750	37.54	-14.30	54.0	16.46	AV	60.30	100	Vertical	Pass
2	1215.000	50.93	-13.63	74.0	23.07	Peak	45.80	100	Vertical	Pass
2**	1215.000	30.95	-13.63	54.0	23.05	AV	45.80	100	Vertical	Pass
3	1991.250	51.08	-11.05	74.0	22.92	Peak	45.80	100	Vertical	Pass
3**	1991.250	34.09	-11.05	54.0	19.91	AV	45.80	100	Vertical	Pass
4	2981.250	48.18	-3.63	74.0	25.82	Peak	280.70	100	Vertical	Pass
4**	2981.250	37.96	-3.63	54.0	16.04	AV	280.70	100	Vertical	Pass
5	4685.000	50.63	-0.82	74.0	23.37	Peak	54.60	100	Vertical	Pass
5**	4685.000	40.53	-0.82	54.0	13.47	AV	54.60	100	Vertical	Pass
6	6748.000	56.42	3.79	74.0	17.58	Peak	360.00	100	Vertical	Pass
6**	6748.000	46.88	3.79	54.0	7.12	AV	360.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-09-05_19.17.46

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

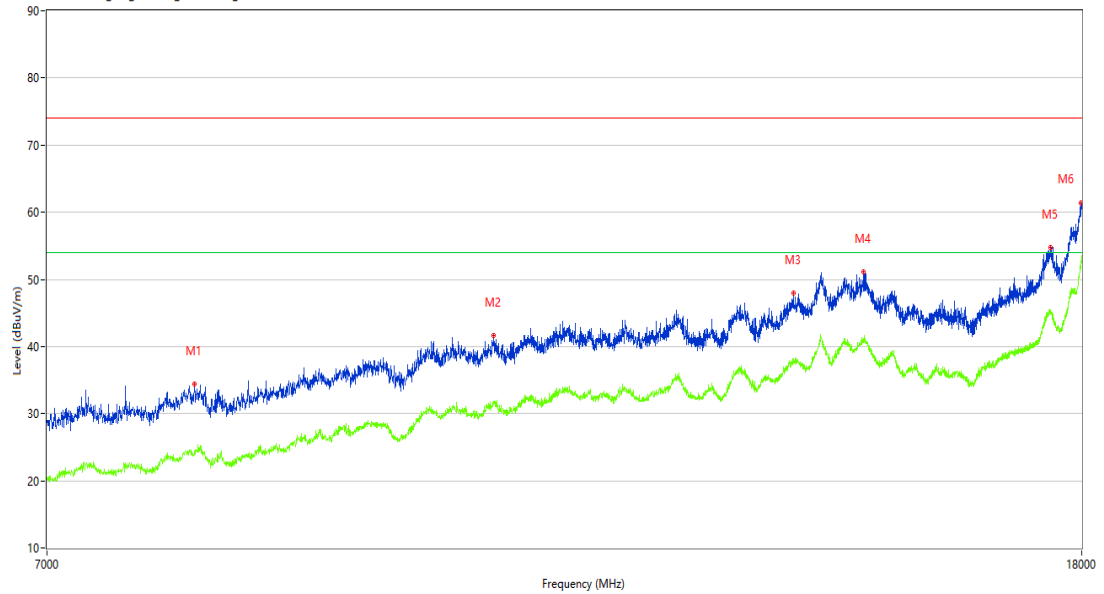
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

R Emission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8006.500	34.42	3.22	74.0	39.58	Peak	314.90	100	Vertical	Pass
1**	8006.500	23.90	3.22	54.0	30.10	AV	314.90	100	Vertical	Pass
2	10525.500	41.65	9.45	74.0	32.35	Peak	232.20	100	Vertical	Pass
2**	10525.500	31.84	9.45	54.0	22.16	AV	232.20	100	Vertical	Pass
3	13836.500	48.00	14.06	74.0	26.00	Peak	232.20	100	Vertical	Pass
3**	13836.500	37.54	14.06	54.0	16.46	AV	232.20	100	Vertical	Pass
4	14749.500	51.10	17.81	74.0	22.90	Peak	138.80	100	Vertical	Pass
4**	14749.500	41.17	17.81	54.0	12.83	AV	138.80	100	Vertical	Pass
5	17488.501	54.75	21.68	74.0	19.25	Peak	232.20	100	Vertical	Pass
5**	17488.501	45.38	21.68	54.0	8.62	AV	232.20	100	Vertical	Pass
6	17991.750	61.33	29.49	74.0	12.67	Peak	297.70	100	Vertical	Pass
6**	17991.750	52.82	29.49	54.0	1.18	AV	297.70	100	Vertical	Pass

BLE-2M-Bandedge -Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.07.49

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

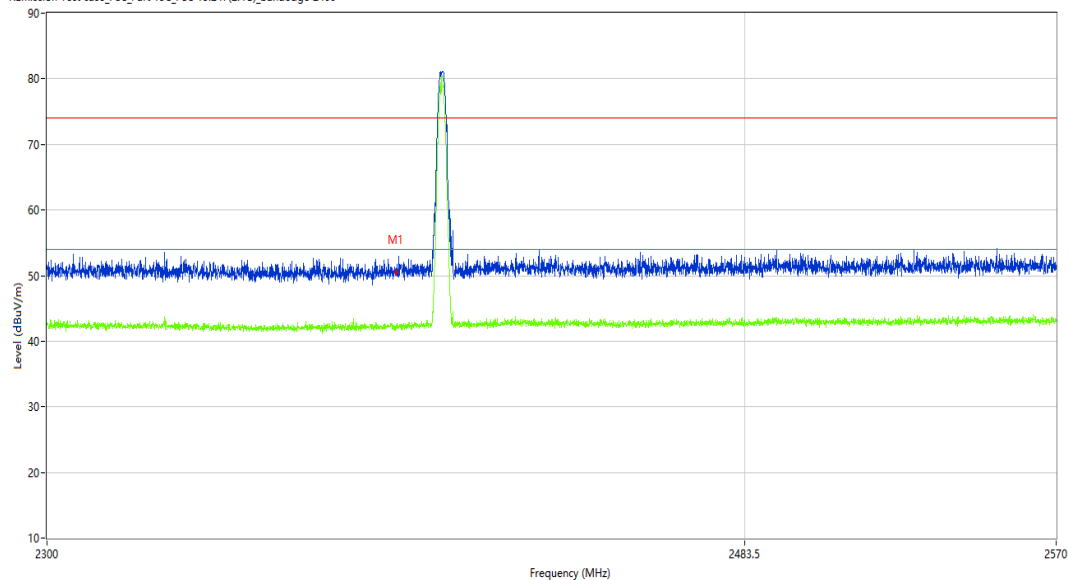
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.71	-10.27	74.0	23.29	Peak	176.10	100	Horizontal	Pass
1**	2390.000	42.06	-10.27	54.0	11.94	AV	176.10	100	Horizontal	Pass

BLE-2M-Bandedge -Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.06.11

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

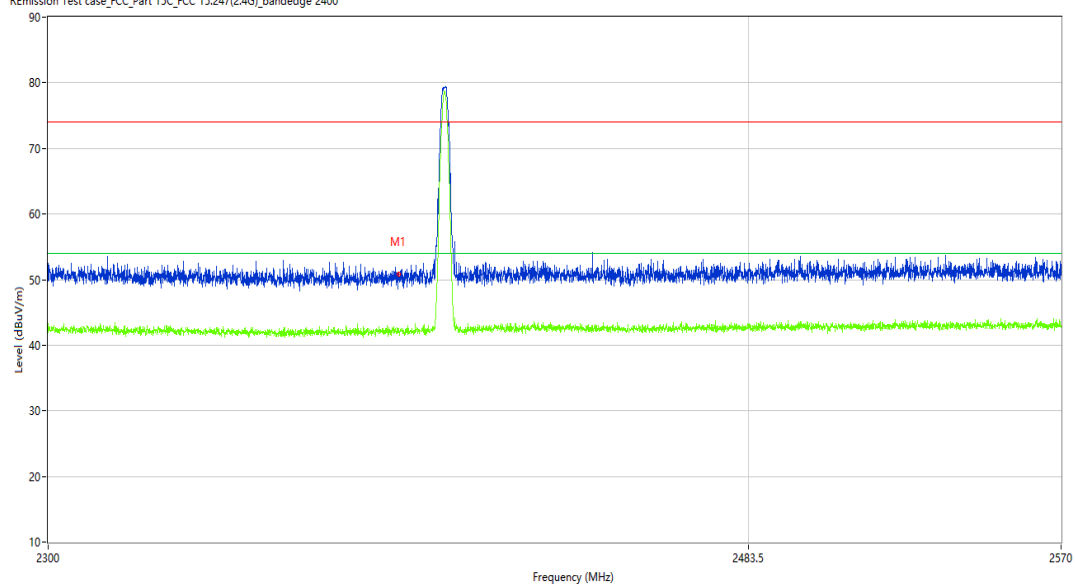
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.79	-10.27	74.0	23.21	Peak	165.08	100	Vertical	Pass
1**	2390.000	41.96	-10.27	54.0	12.04	AV	165.08	100	Vertical	Pass

BLE-2M-Bandedge -High channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.11.42

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

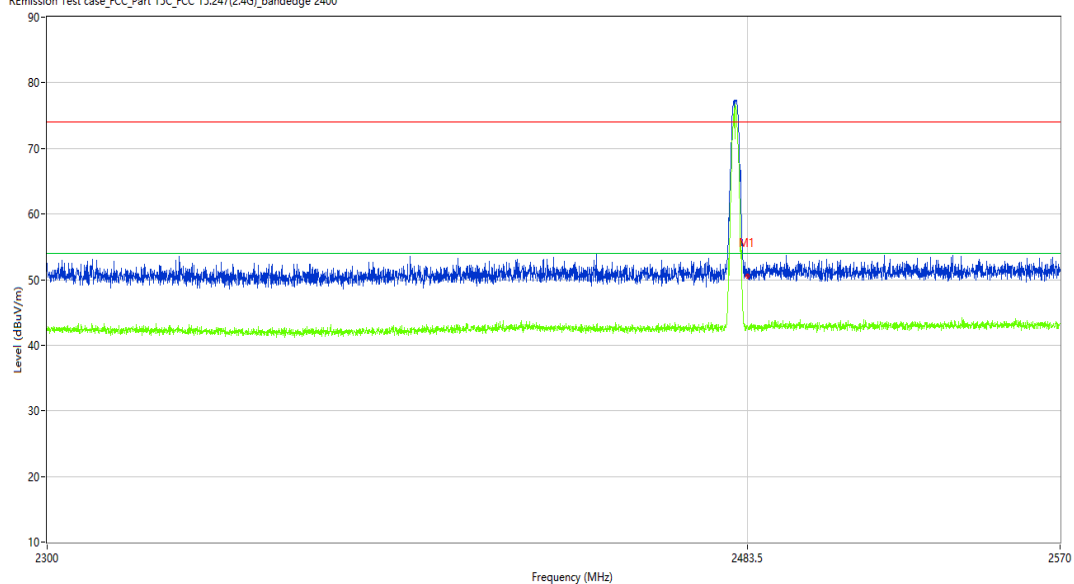
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.60	-9.82	74.0	23.40	Peak	108.70	100	Horizontal	Pass
1**	2483.500	42.89	-9.82	54.0	11.11	AV	108.70	100	Horizontal	Pass

BLE-2M-Bandedge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2023-09-05_19.15.42

EUT Name: Electrically Operated Water Valve

Test Engineer: ZY

Manufacturer: Georg Fischer JRG AG

Test Standard: FCC Part 15C and RSS-247

Model: 9910.015

Work Addition: TX-BLE-2Mbps

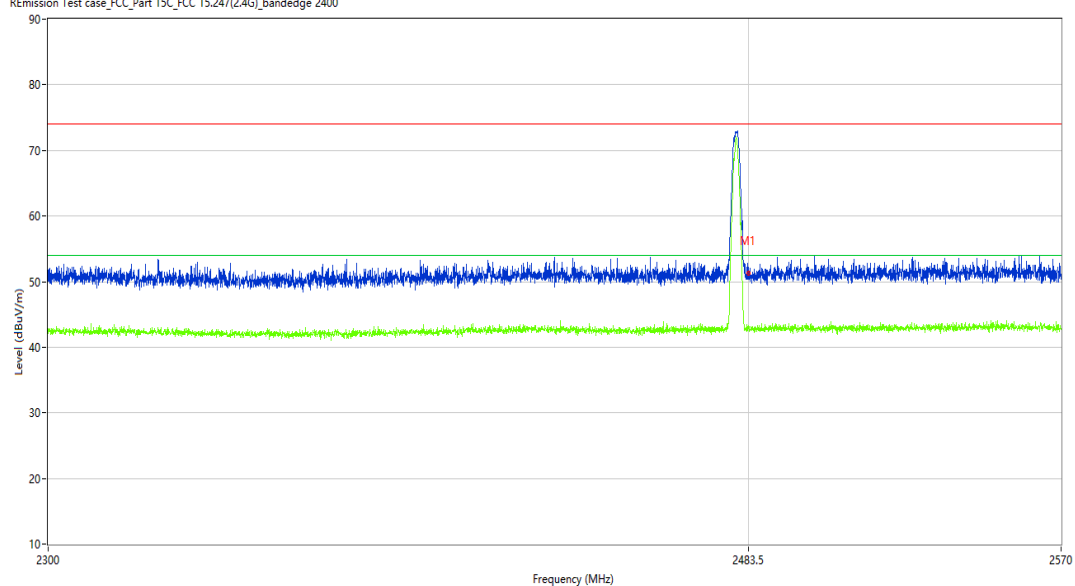
Temp.(oC): 25.2

Load: Full load

Hum.: 53%

Remark: DR-RSE01-E23090001-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.22	-9.82	74.0	22.78	Peak	147.34	100	Vertical	Pass
1**	2483.500	43.11	-9.82	54.0	10.89	AV	147.34	100	Vertical	Pass