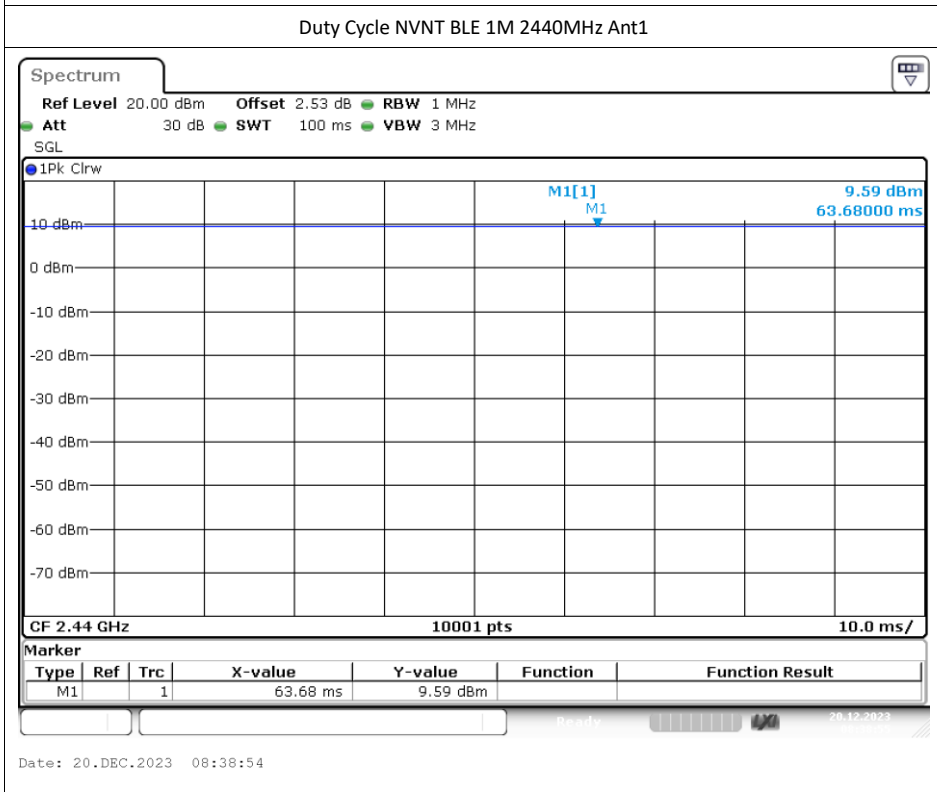
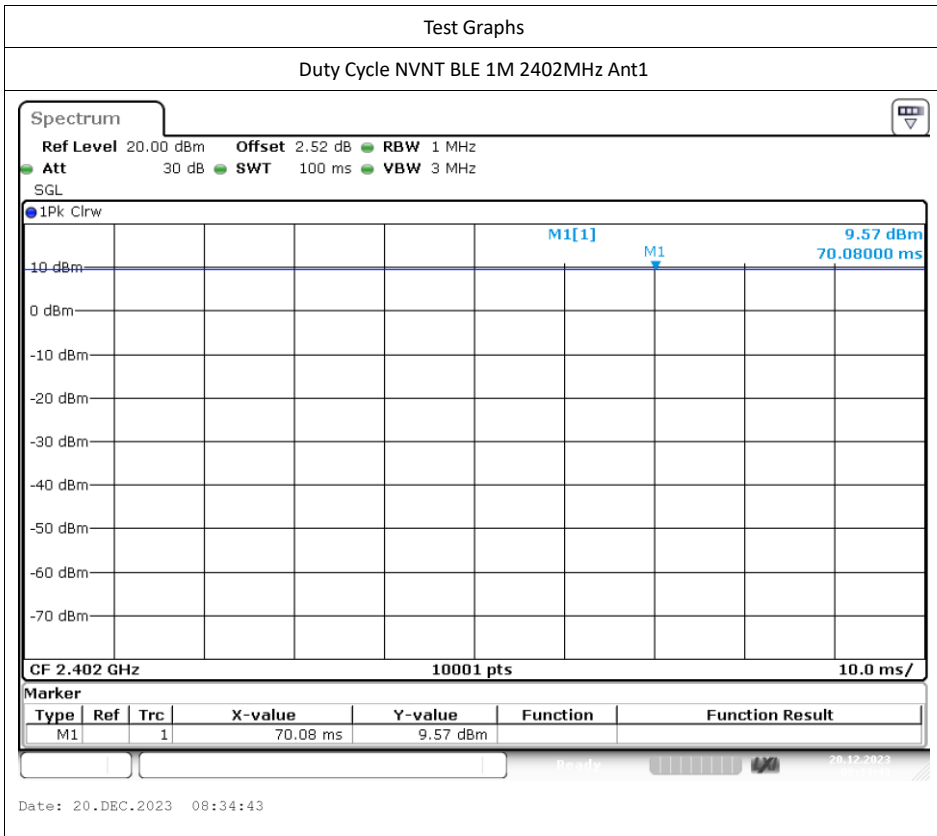


Appendix B

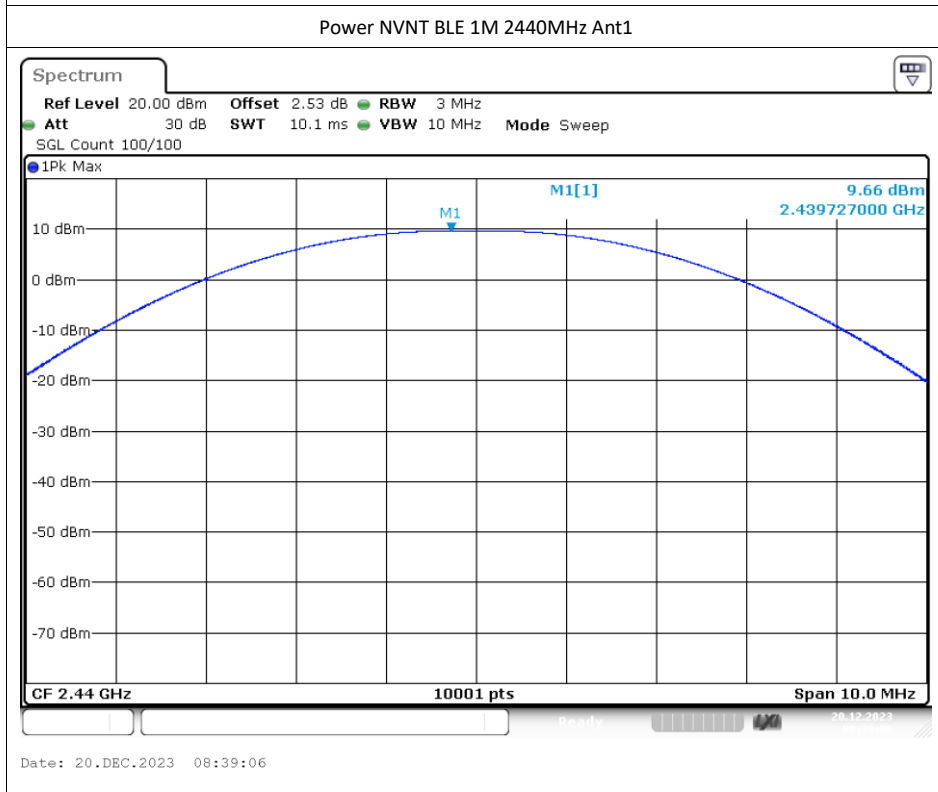
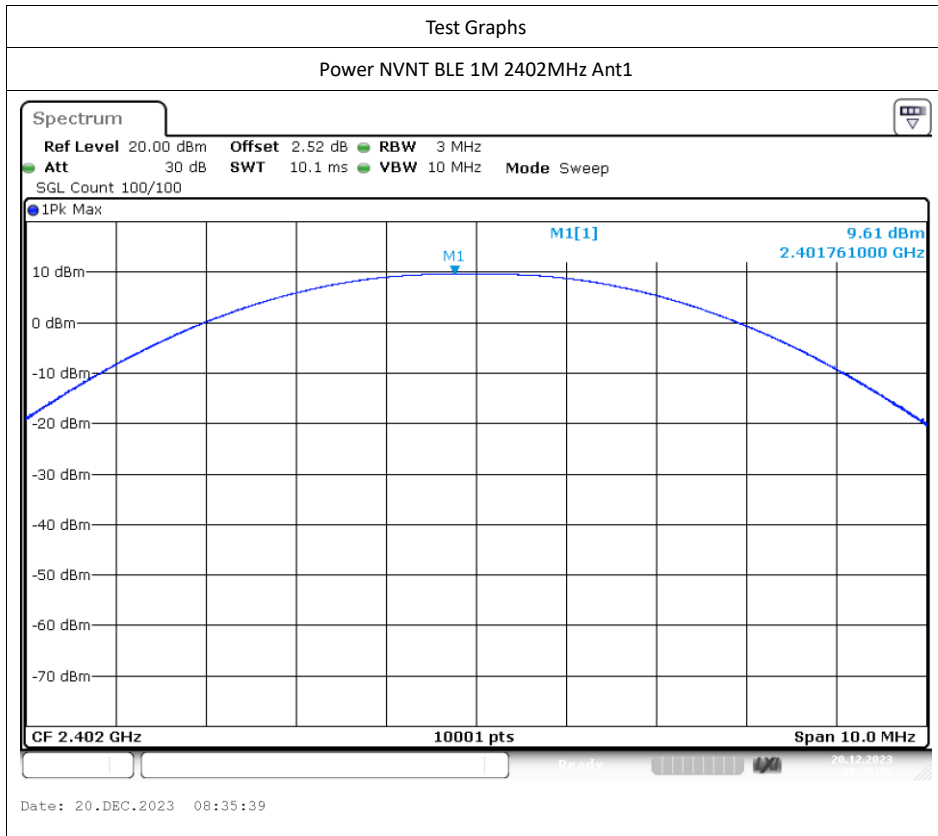
Duty Cycle

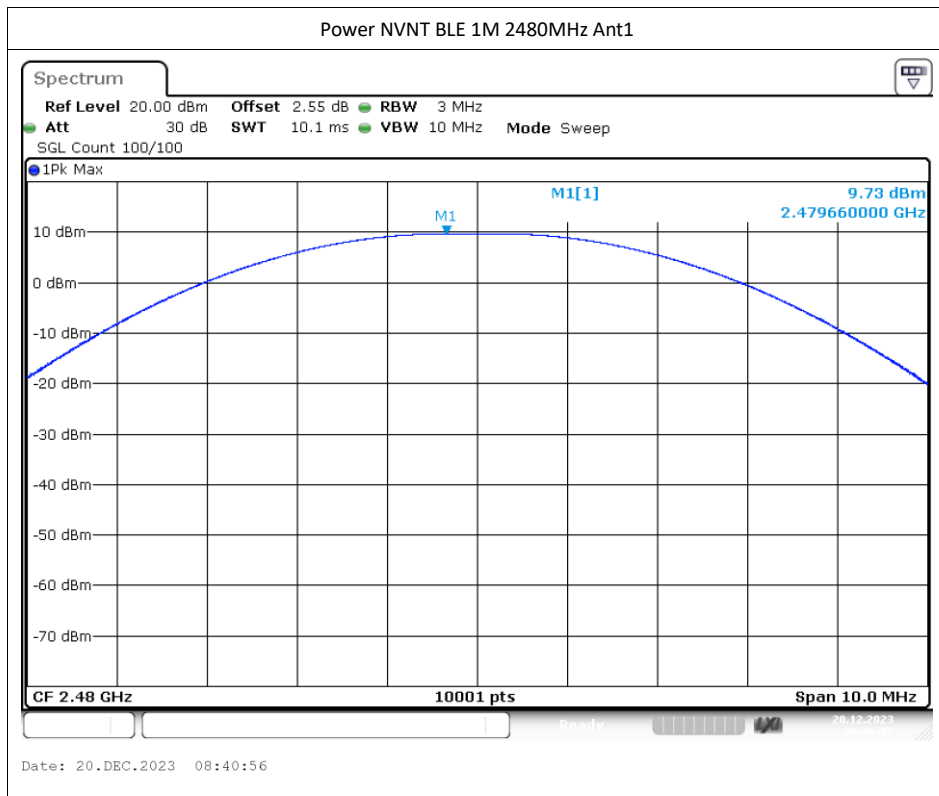
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	BLE 1M	2402	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2440	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2480	Ant1	0	0	100	0	0	1



Maximum Conducted Output Power

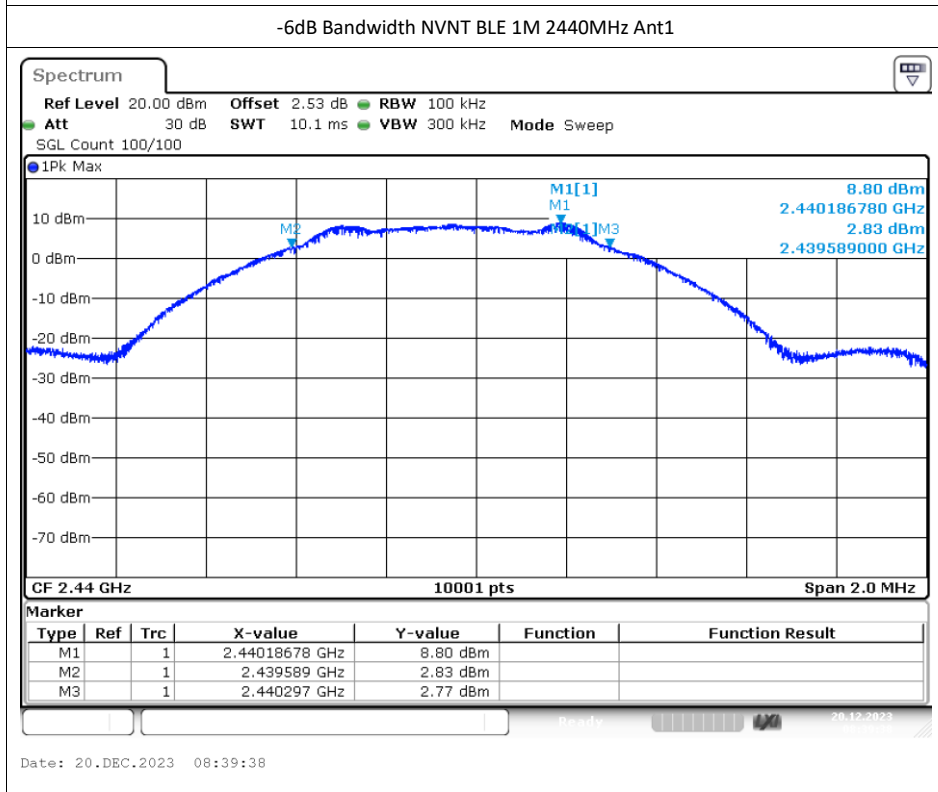
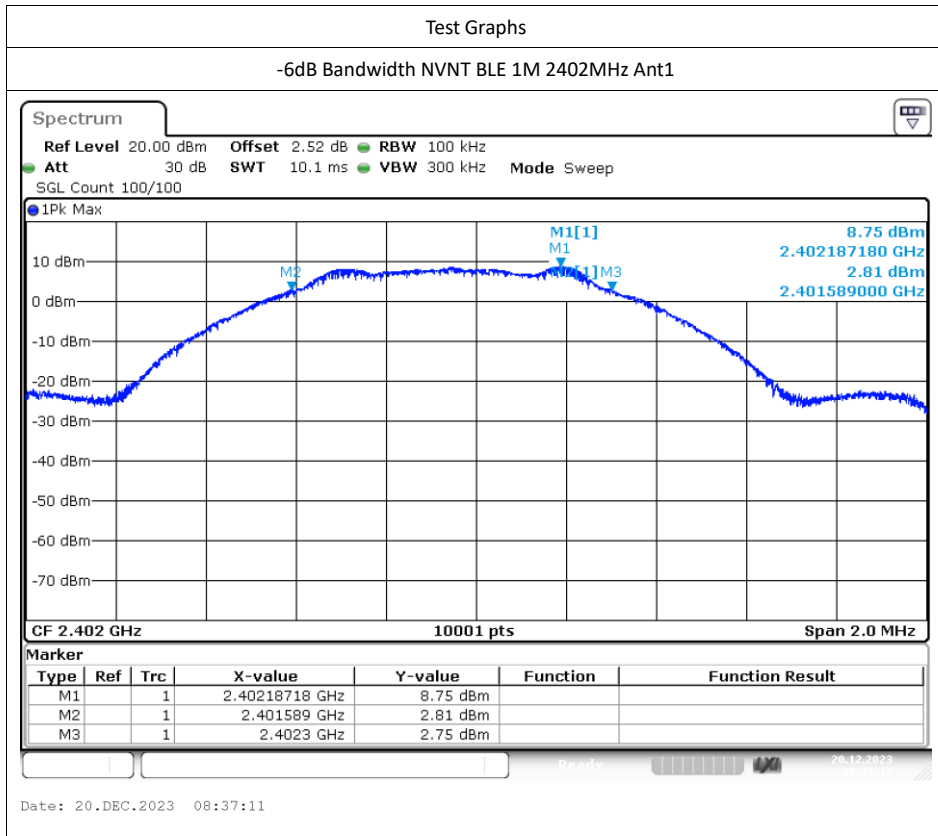
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	9.61	0	9.61	30	Pass
NVNT	BLE 1M	2440	Ant1	9.66	0	9.66	30	Pass
NVNT	BLE 1M	2480	Ant1	9.73	0	9.73	30	Pass

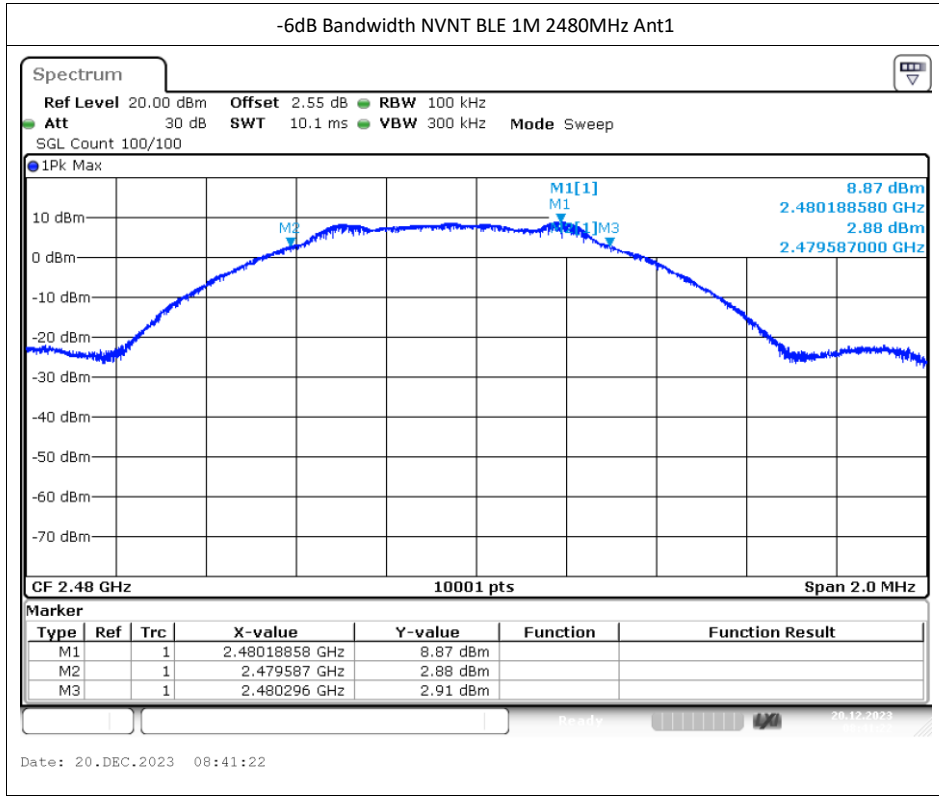




-6dB Bandwidth

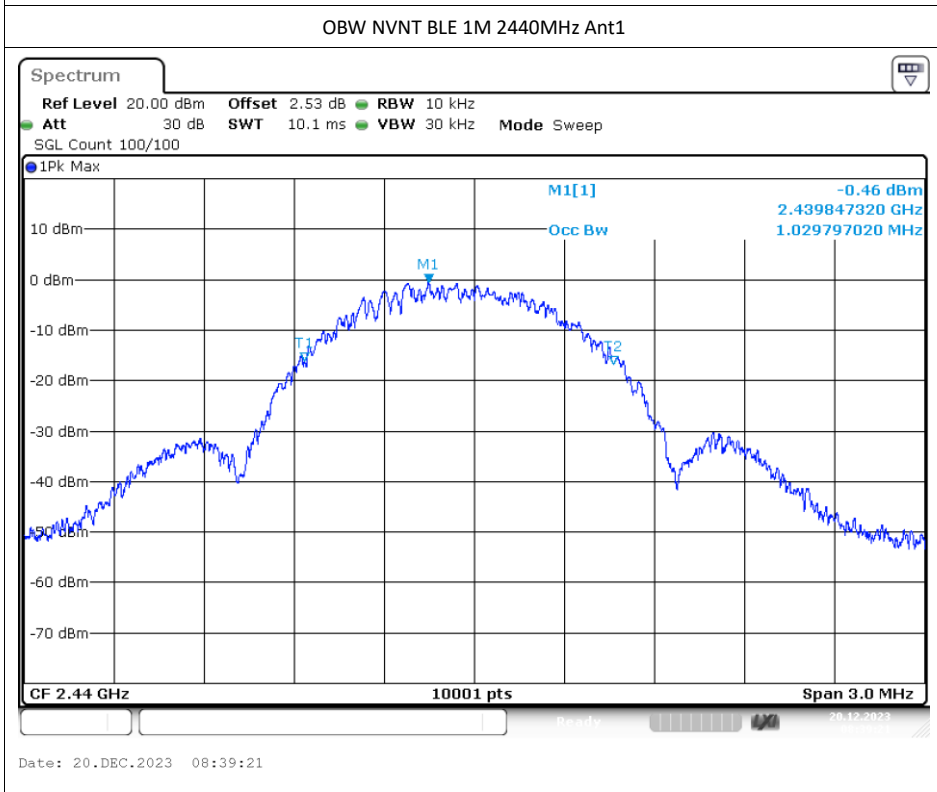
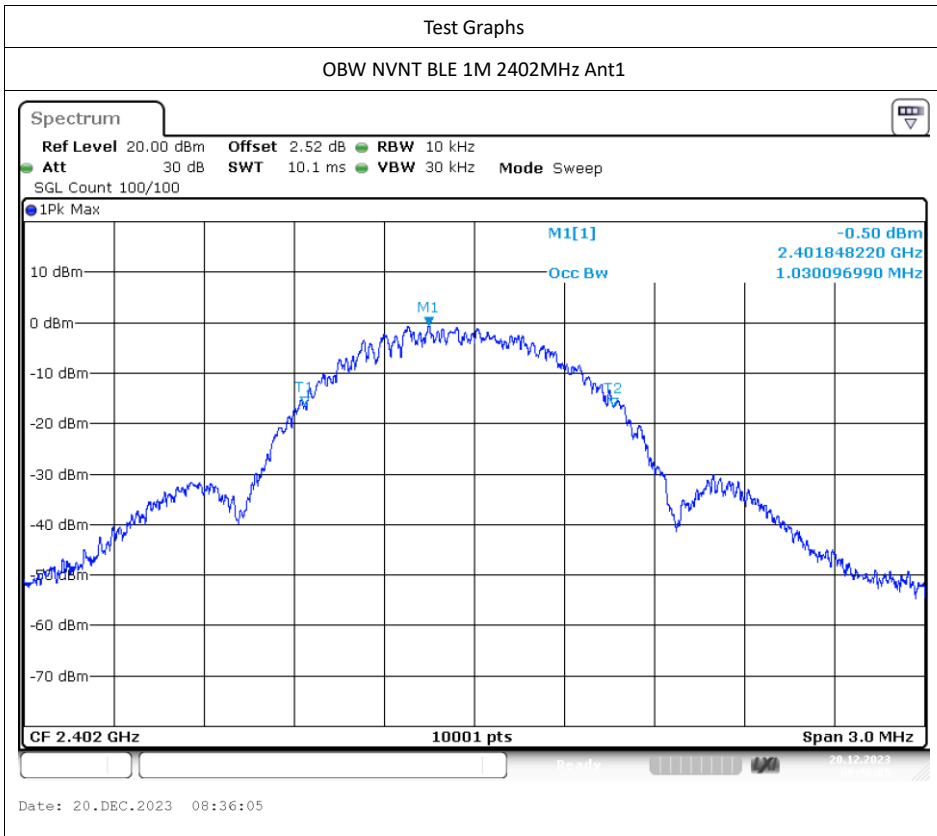
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.711	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.708	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.709	0.5	Pass

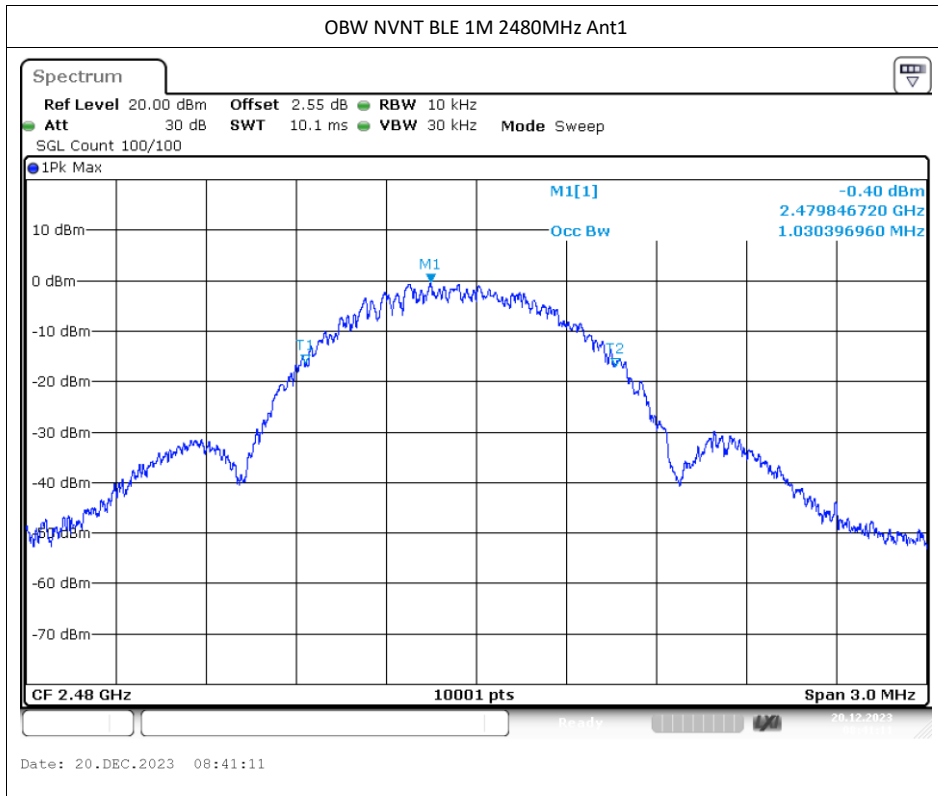




Occupied Channel Bandwidth

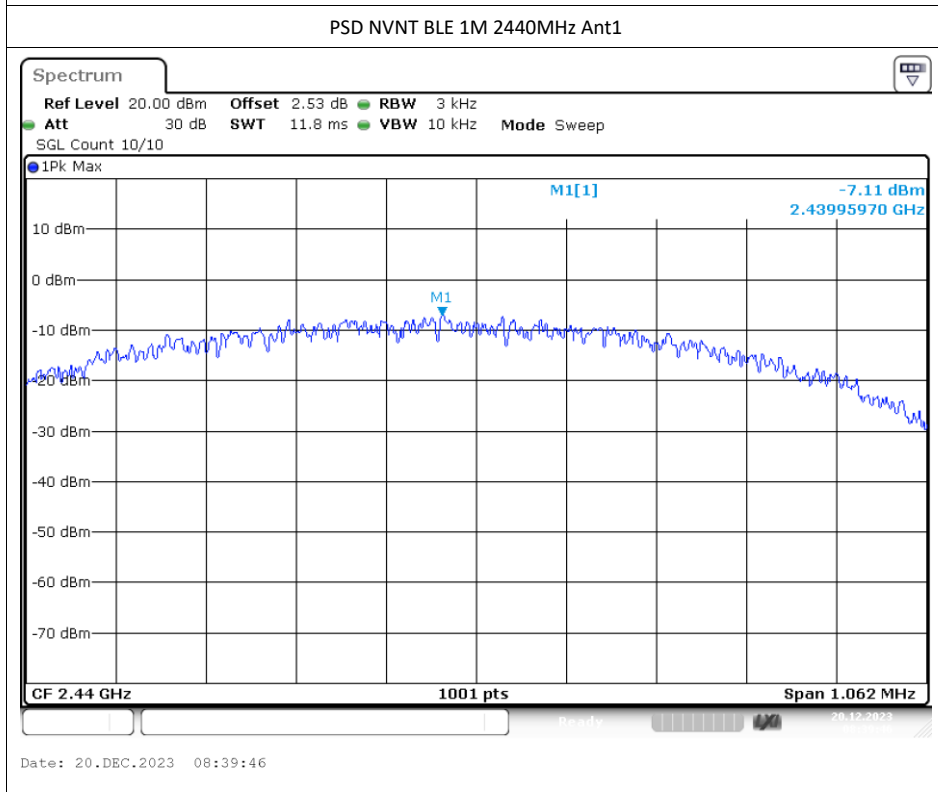
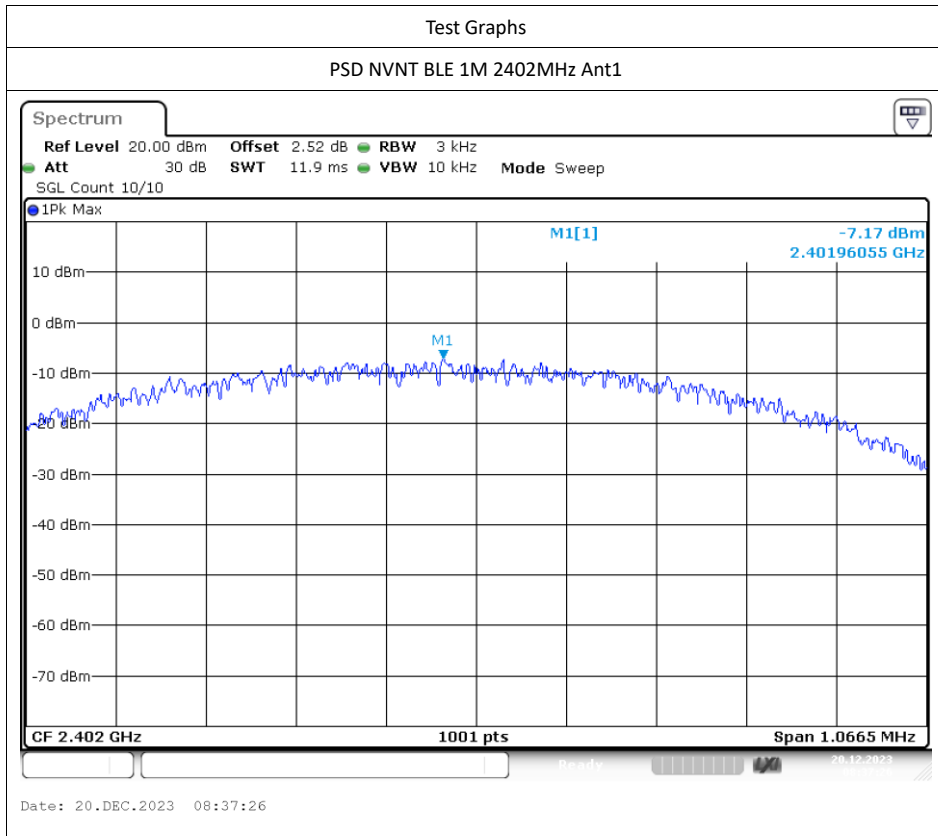
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.03
NVNT	BLE 1M	2440	Ant1	1.03
NVNT	BLE 1M	2480	Ant1	1.03

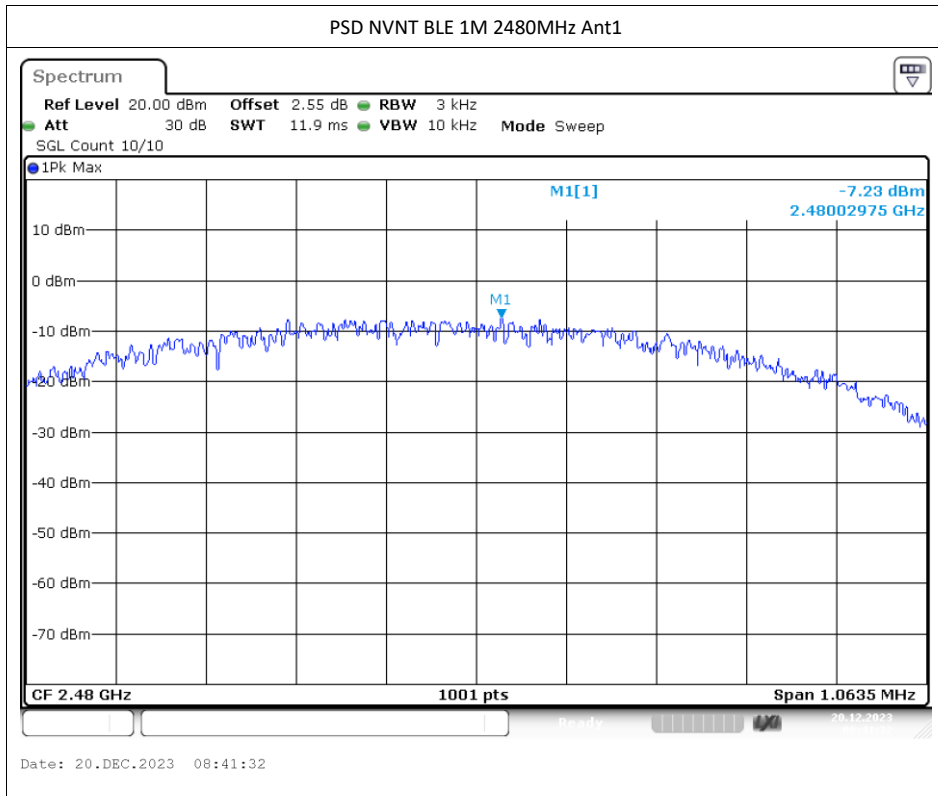




Maximum Power Spectral Density Level

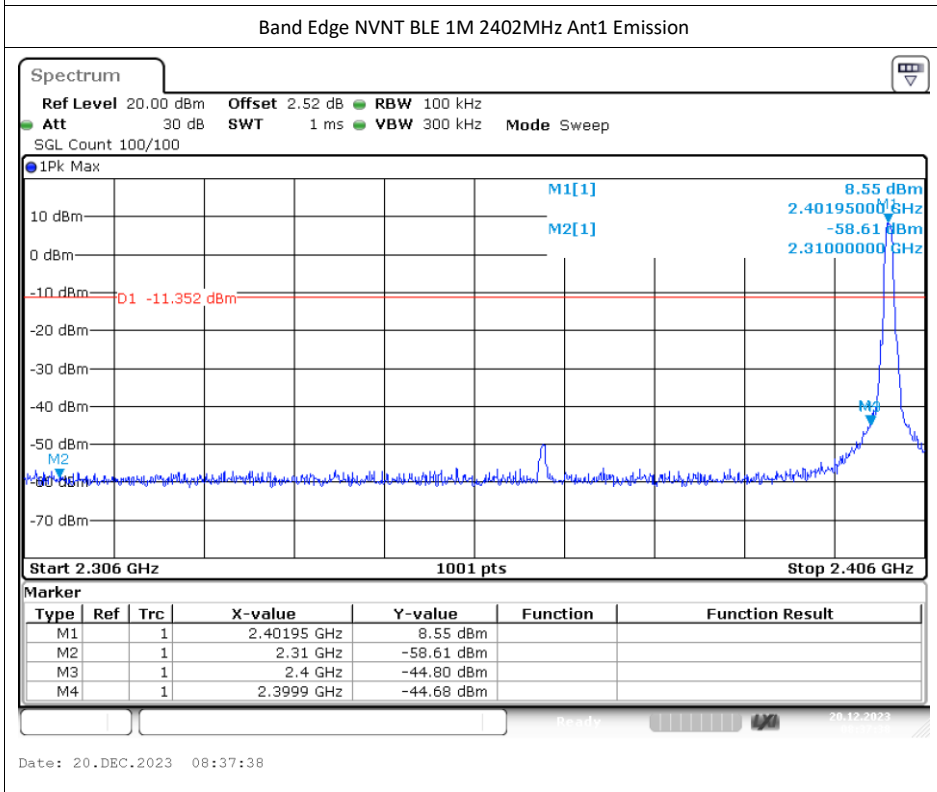
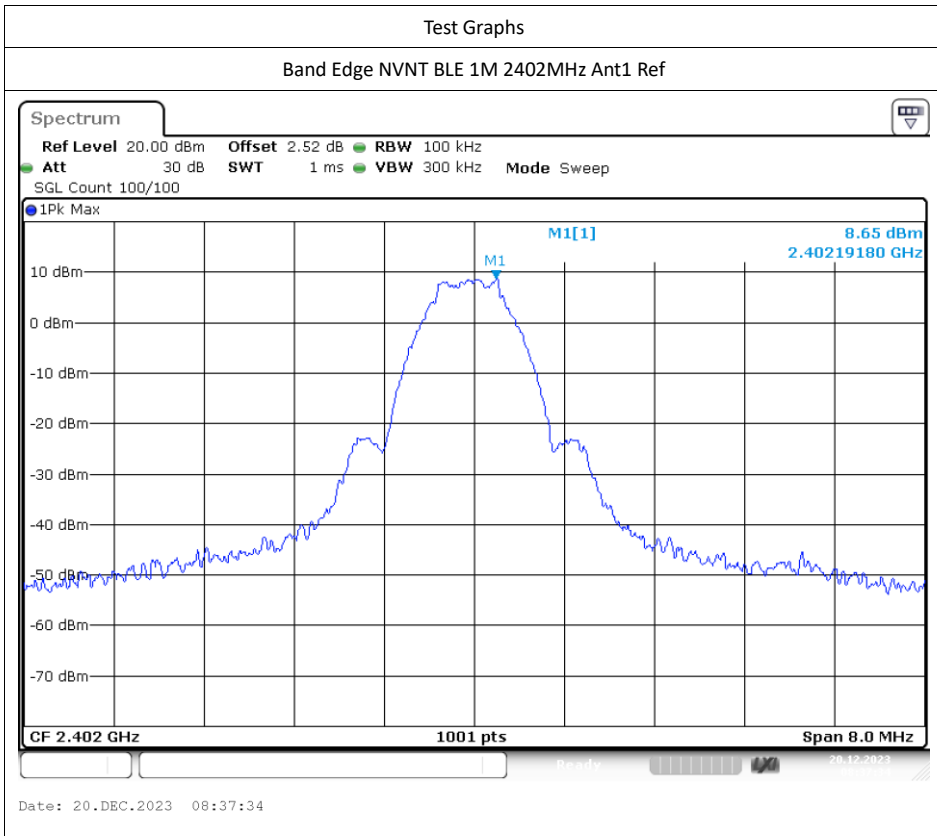
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-7.17	0	-7.17	8	Pass
NVNT	BLE 1M	2440	Ant1	-7.11	0	-7.11	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.23	0	-7.23	8	Pass

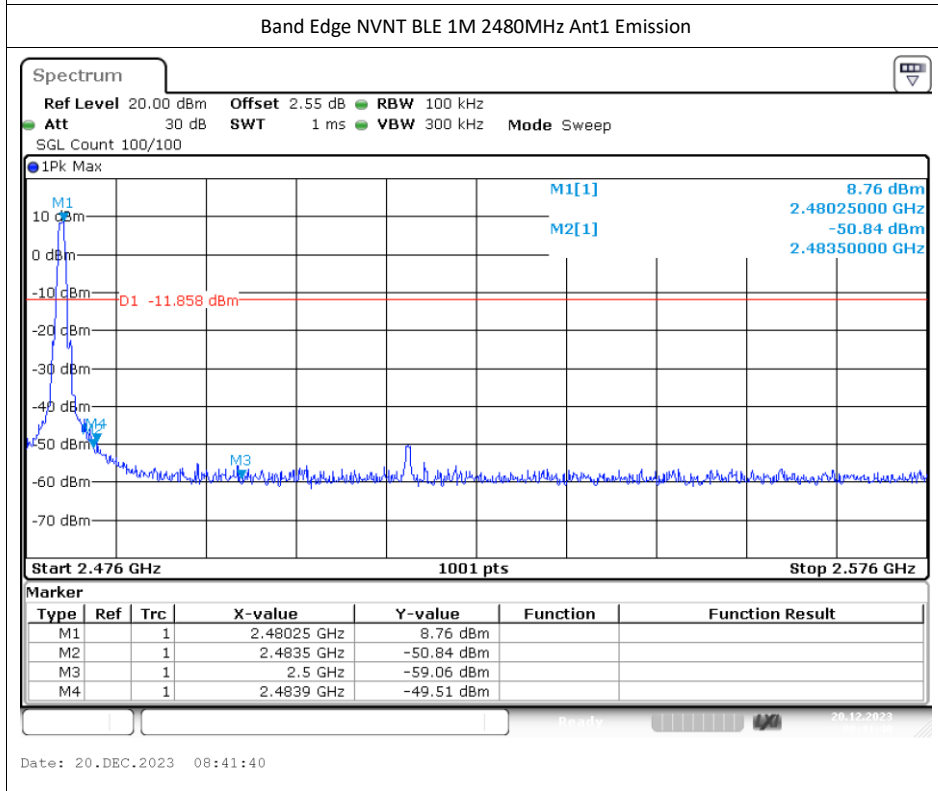
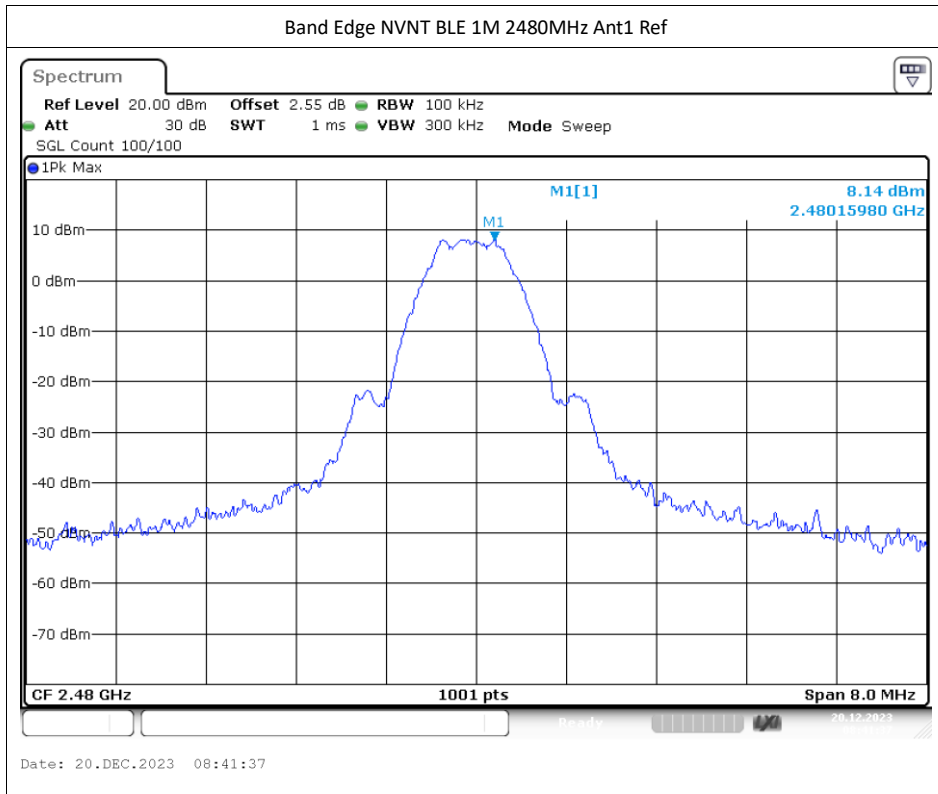




Band Edge

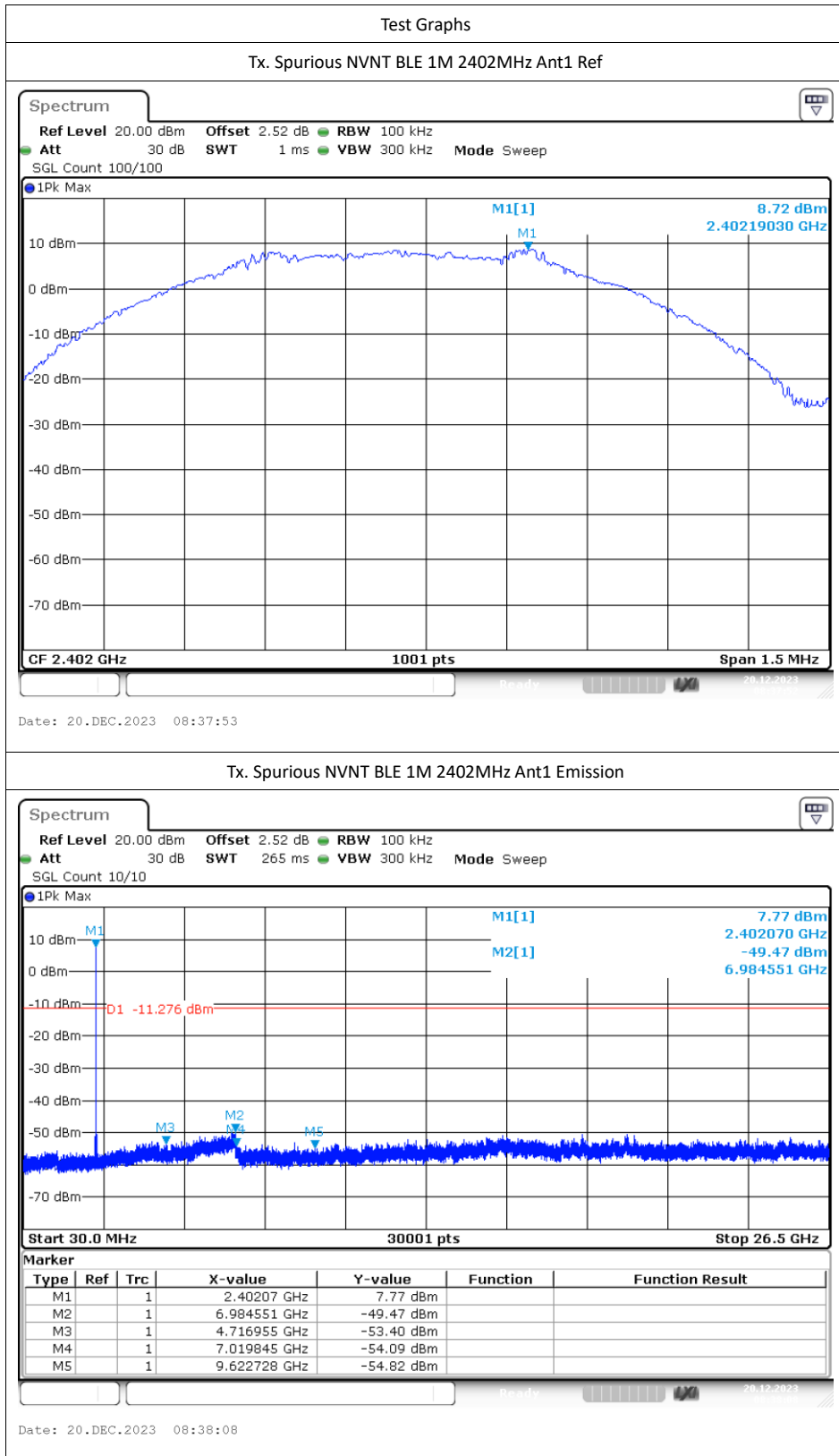
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.32	-20	Pass
NVNT	BLE 1M	2480	Ant1	-57.64	-20	Pass

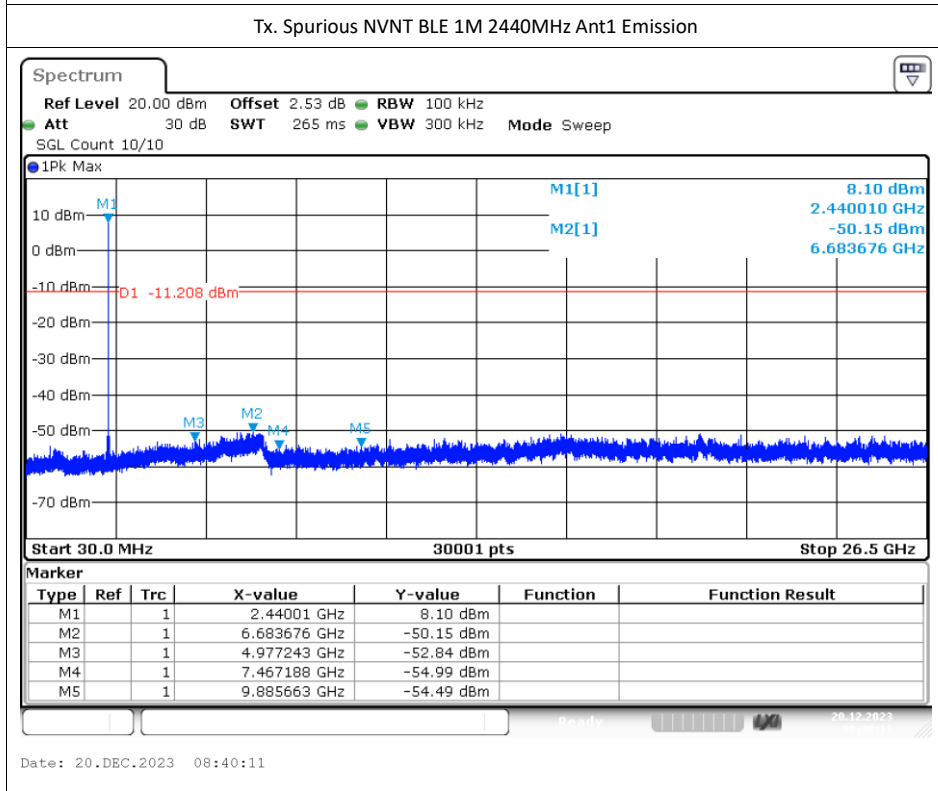
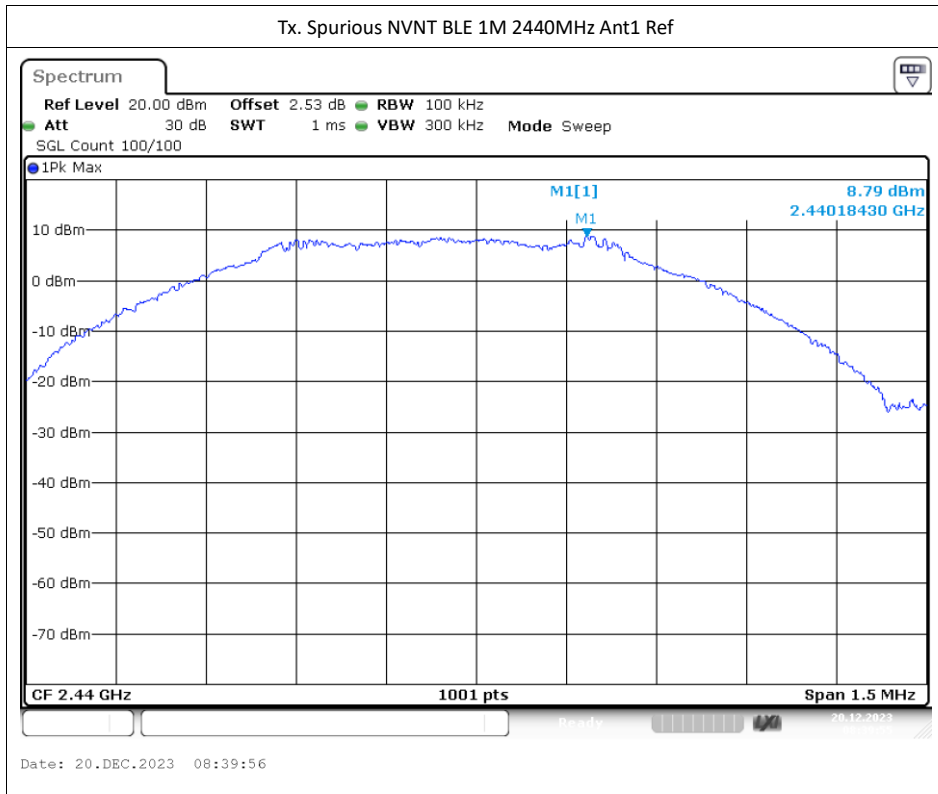


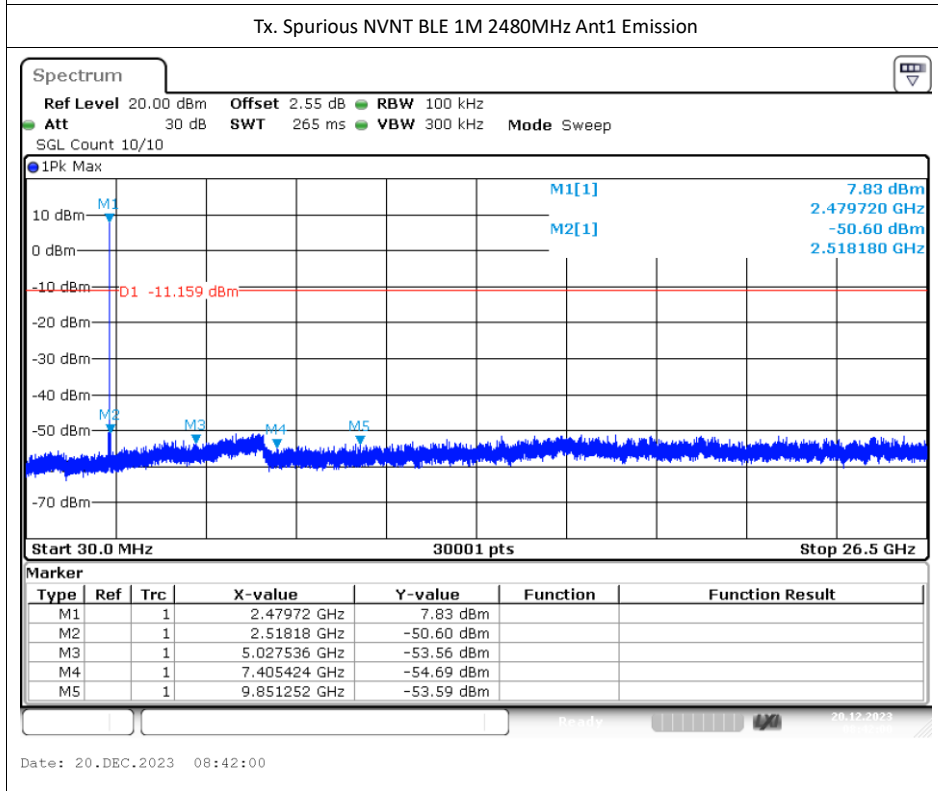
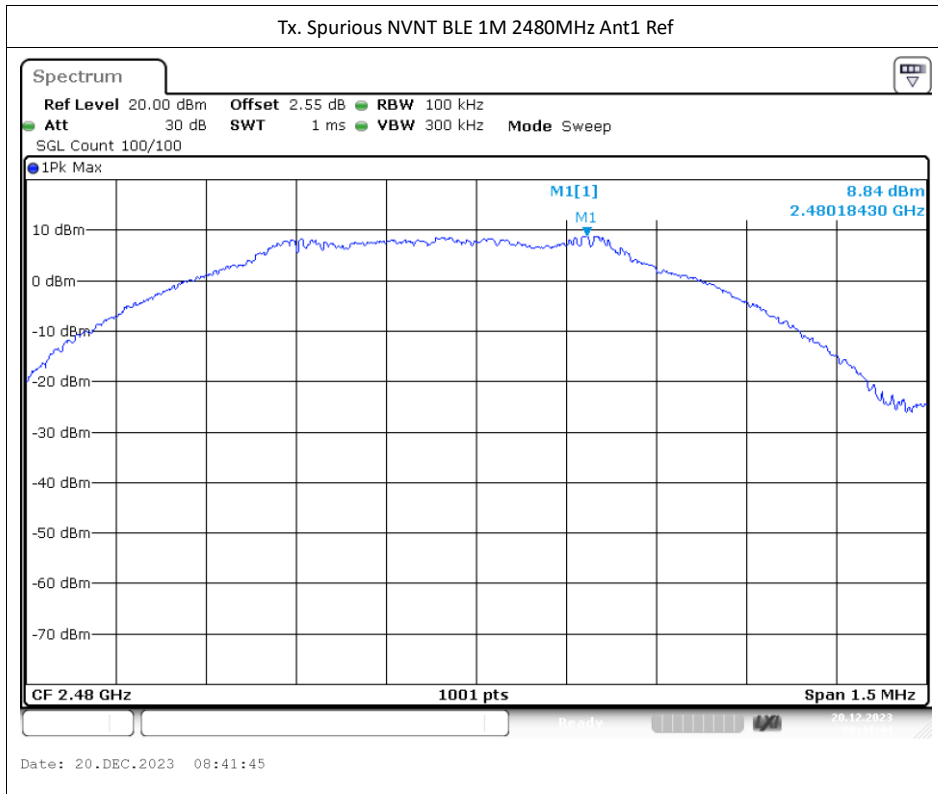


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-58.18	-20	Pass
NVNT	BLE 1M	2440	Ant1	-58.93	-20	Pass
NVNT	BLE 1M	2480	Ant1	-59.44	-20	Pass





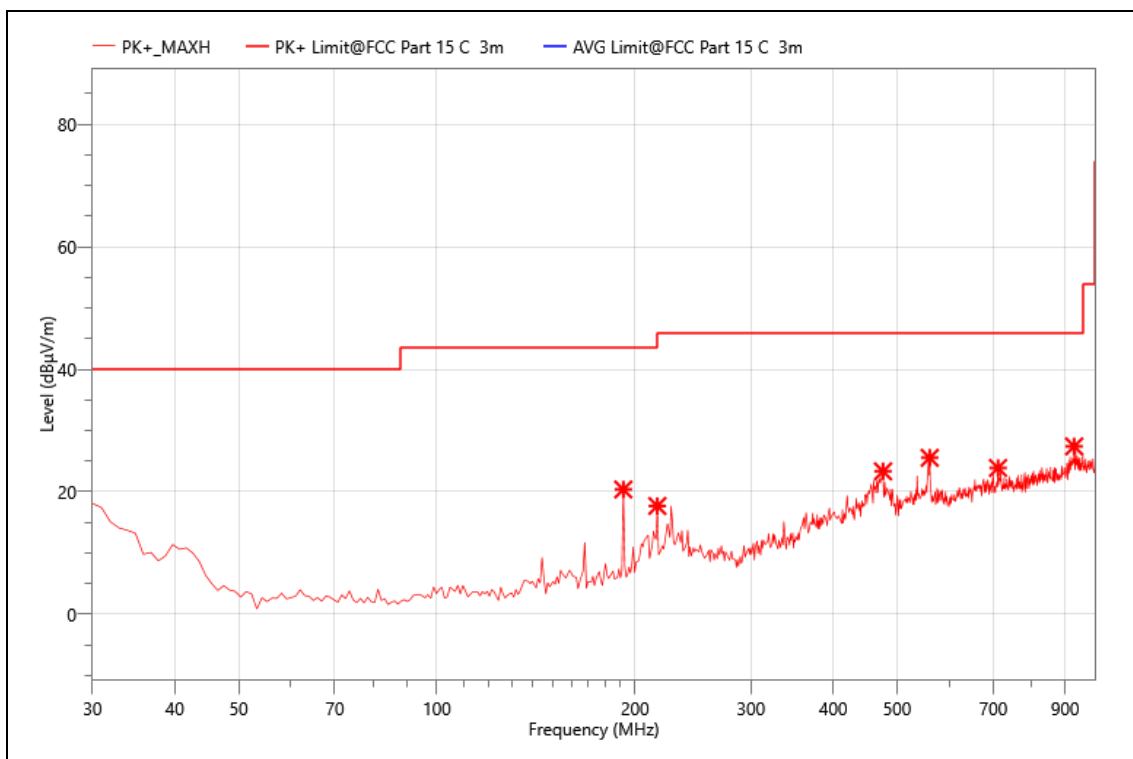


RADIATED TEST RESULTS

The data of the mode (2402MHz) are recorded in the following pages.

The worst result as bellow:

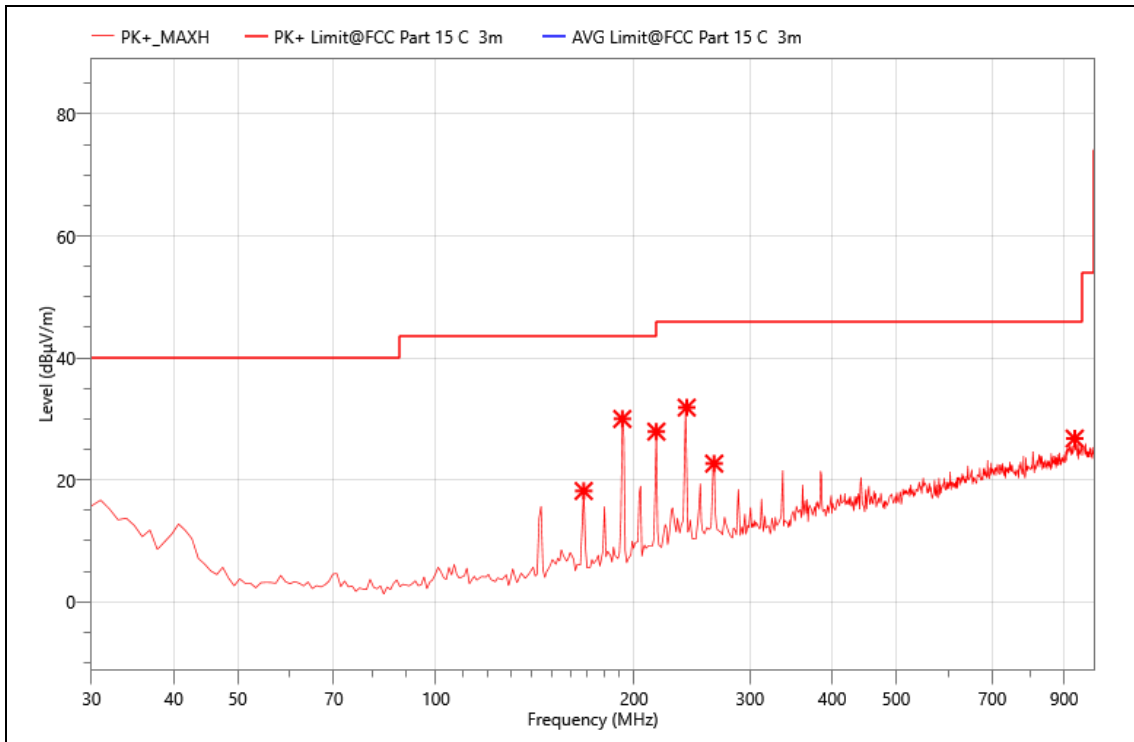
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	191.990	42.95	20.38	43.50	23.12	PK+	V	-22.57
2	216.240	38.63	17.68	46.00	28.32	PK+	V	-20.95
3	476.200	36.56	23.34	46.00	22.66	PK+	V	-13.22
4	560.590	35.91	25.55	46.00	20.45	PK+	V	-10.36
5	711.910	30.96	23.89	46.00	22.11	PK+	V	-7.07
6	929.190	30.44	27.42	46.00	18.58	PK+	V	-3.02

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

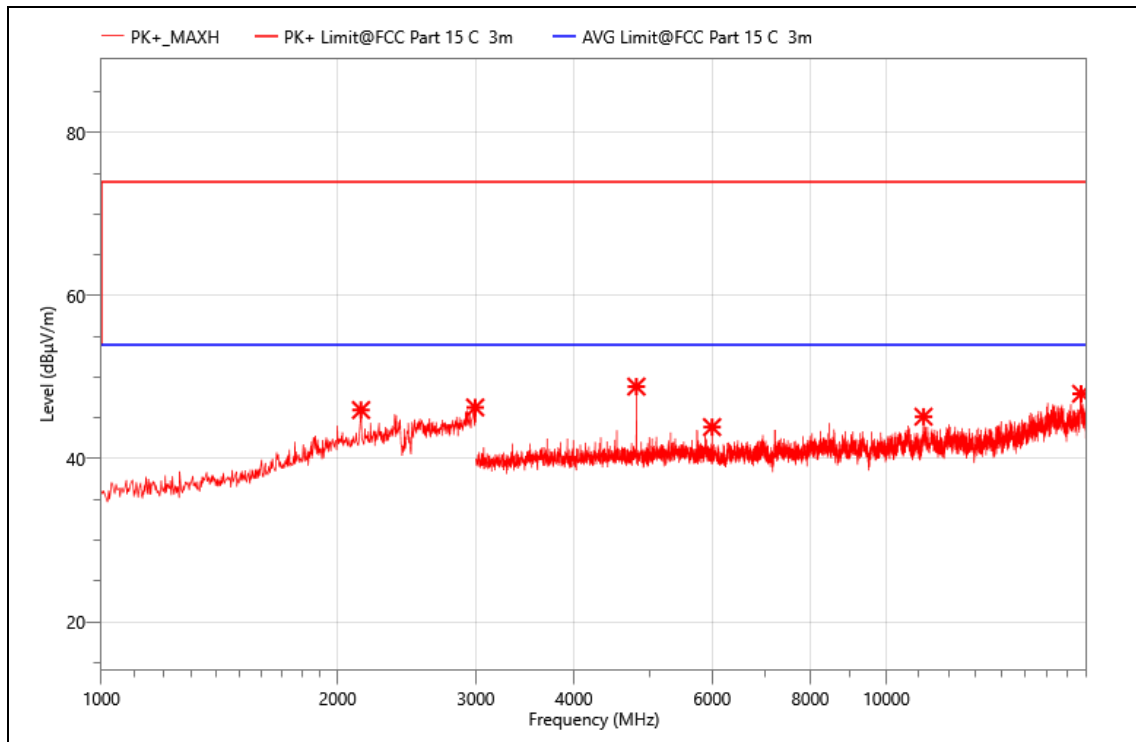
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	167.740	40.89	18.19	43.50	25.31	PK+	H	-22.7
2	191.990	52.57	30.00	43.50	13.50	PK+	H	-22.57
3	216.240	48.87	27.92	46.00	18.08	PK+	H	-20.95
4	240.490	51.45	31.86	46.00	14.14	PK+	H	-19.59
5	264.740	40.94	22.68	46.00	23.32	PK+	H	-18.26
6	934.040	29.83	26.78	46.00	19.22	PK+	H	-3.05

Note: 1. Meas. = Reading + Corr.

2. Margin= Limit - Meas.

Above 1000MHz~10th Harmonics:

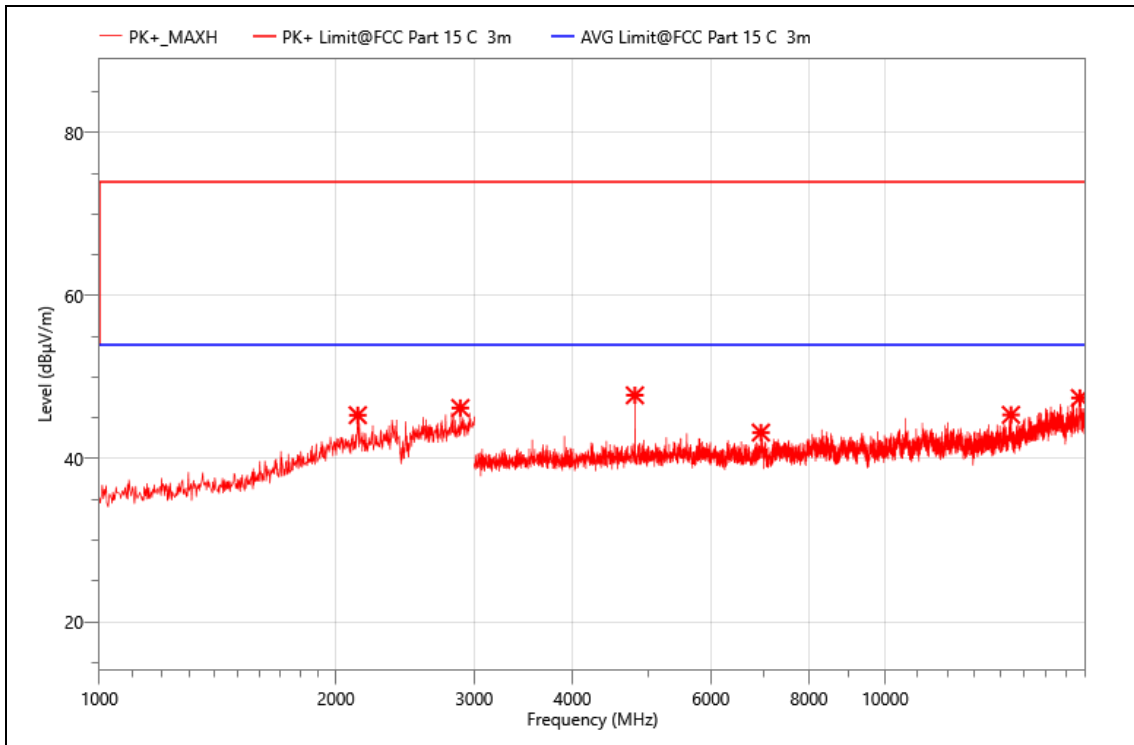
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2142.000	55.02	-9.05	45.97	74.00	28.03	PK+	V
2	2994.000	53.28	-6.99	46.29	74.00	27.71	PK+	V
3	4803.000	60.19	-11.34	48.85	74.00	25.15	PK+	V
4	5998.500	52.76	-8.88	43.88	74.00	30.12	PK+	V
5	11152.500	49.42	-4.26	45.16	74.00	28.84	PK+	V
6	17707.500	47.95	0.02	47.97	74.00	26.03	PK+	V

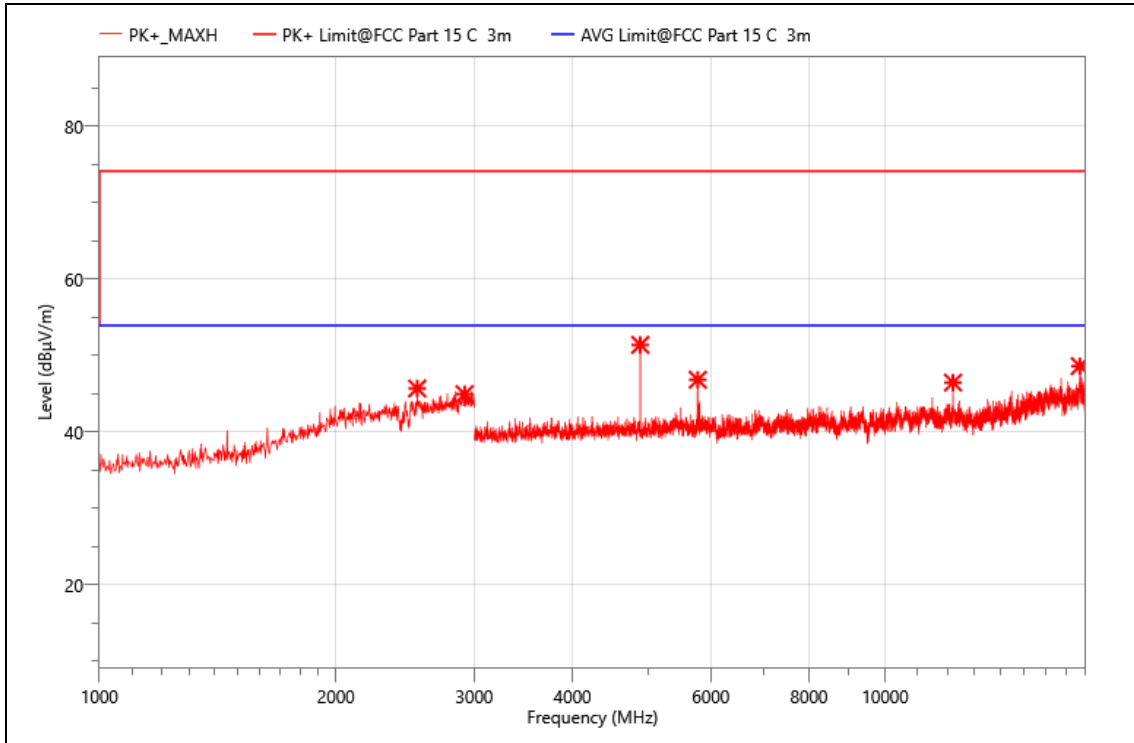
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2132.000	54.39	-9.05	45.34	74.00	28.66	PK+	H
2	2880.000	54.50	-8.28	46.22	74.00	27.78	PK+	H
3	4803.000	59.12	-11.34	47.78	74.00	26.22	PK+	H
4	6948.000	51.19	-7.98	43.21	74.00	30.79	PK+	H
5	14458.500	48.59	-3.21	45.38	74.00	28.62	PK+	H
6	17692.500	47.23	0.22	47.45	74.00	26.55	PK+	H

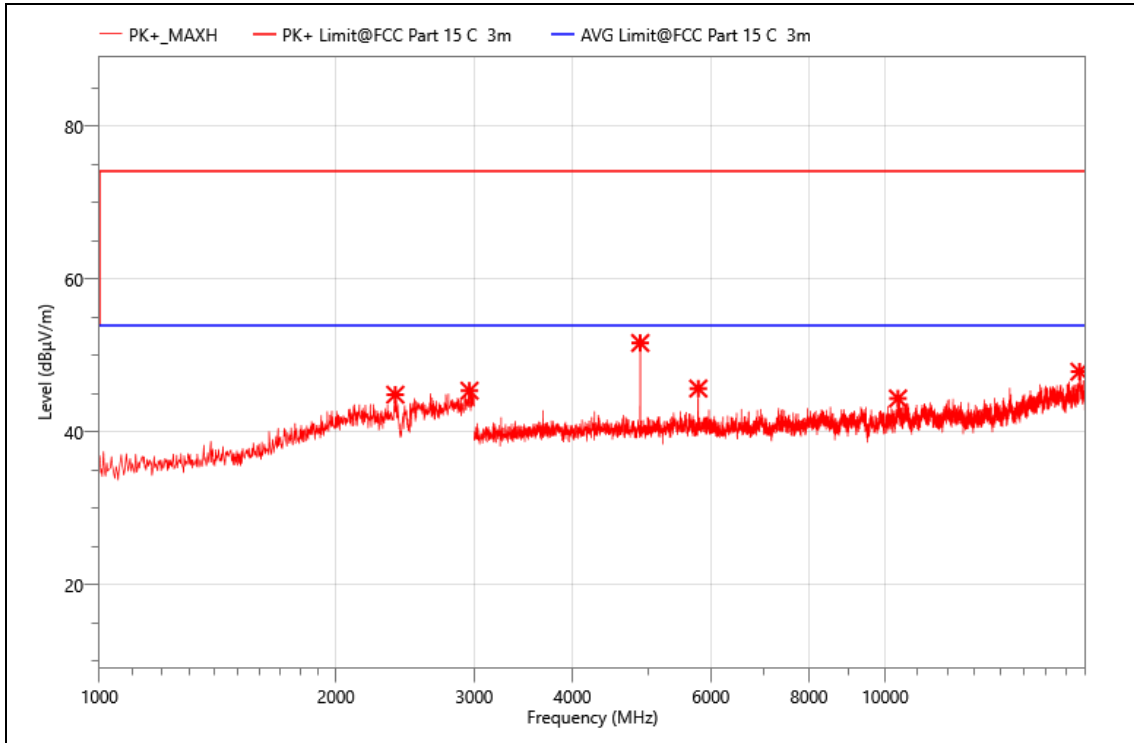
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2440
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2538.000	54.14	-8.46	45.68	74.00	28.32	PK+	H
2	2916.000	52.58	-7.64	44.94	74.00	29.06	PK+	H
3	4879.500	62.52	-11.14	51.38	74.00	22.62	PK+	H
4	5775.000	55.96	-9.14	46.82	74.00	27.18	PK+	H
5	12201.000	51.16	-4.71	46.45	74.00	27.55	PK+	H
6	17691.000	48.37	0.23	48.60	74.00	25.40	PK+	H

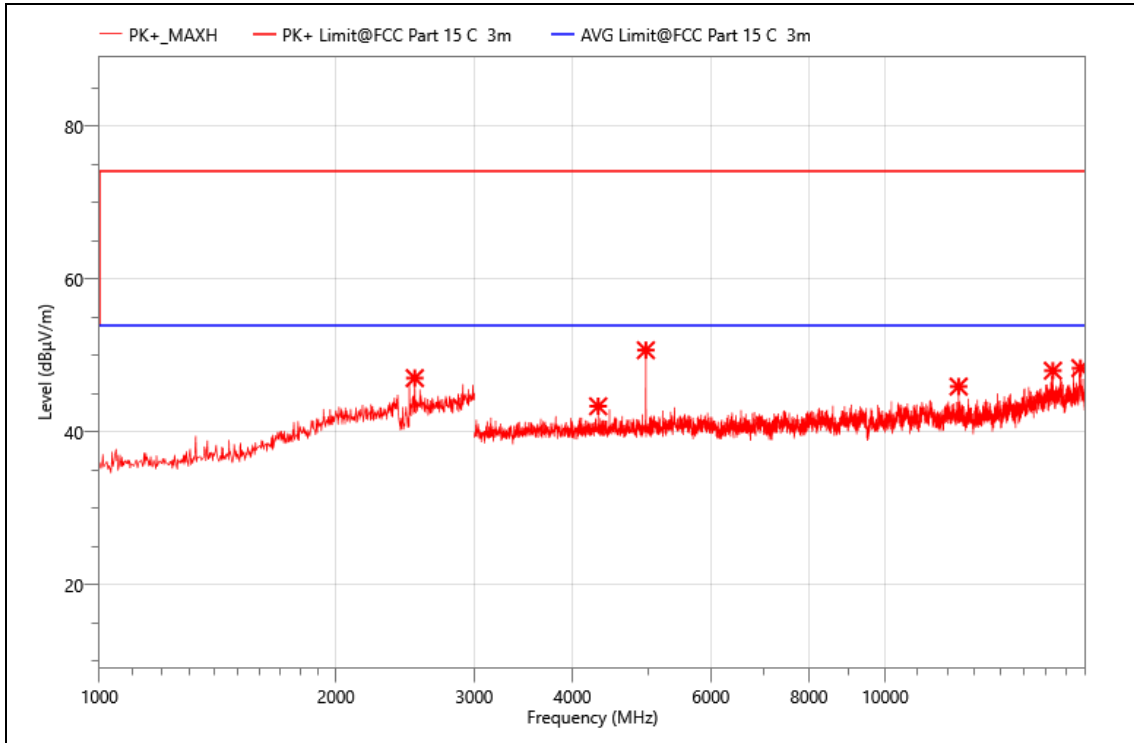
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2440
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2380.000	53.40	-8.53	44.87	74.00	29.13	PK+	V
2	2958.000	52.76	-7.37	45.39	74.00	28.61	PK+	V
3	4879.500	62.77	-11.14	51.63	74.00	22.37	PK+	V
4	5784.000	54.75	-9.08	45.67	74.00	28.33	PK+	V
5	10384.500	50.02	-5.65	44.37	74.00	29.63	PK+	V
6	17674.500	47.56	0.32	47.88	74.00	26.12	PK+	V

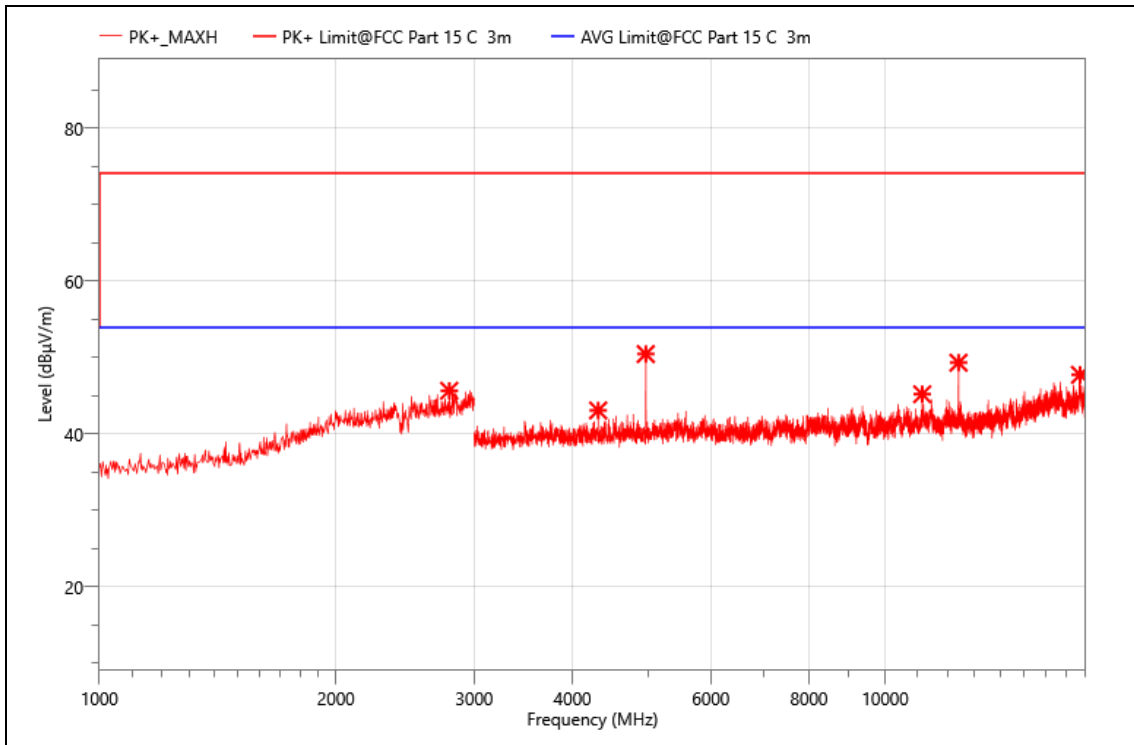
EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2480
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2520.000	55.58	-8.55	47.03	74.00	26.97	PK+	V
2	4312.500	55.88	-12.53	43.35	74.00	30.65	PK+	V
3	4960.500	62.02	-11.34	50.68	74.00	23.32	PK+	V
4	12402.000	50.62	-4.69	45.93	74.00	28.07	PK+	V
5	16350.000	49.69	-1.69	48.00	74.00	26.00	PK+	V
6	17722.500	48.64	-0.3	48.34	74.00	25.66	PK+	V

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2480
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2788.000	54.08	-8.43	45.65	74.00	28.35	PK+	H
2	4312.500	55.60	-12.53	43.07	74.00	30.93	PK+	H
3	4959.000	61.79	-11.35	50.44	74.00	23.56	PK+	H
4	11149.500	49.44	-4.25	45.19	74.00	28.81	PK+	H
5	12399.000	53.98	-4.67	49.31	74.00	24.69	PK+	H
6	17704.500	47.65	0.08	47.73	74.00	26.27	PK+	H

Other harmonics emissions are lower than 20dB below the allowable limit.

Note: (1) All Readings are Peak.

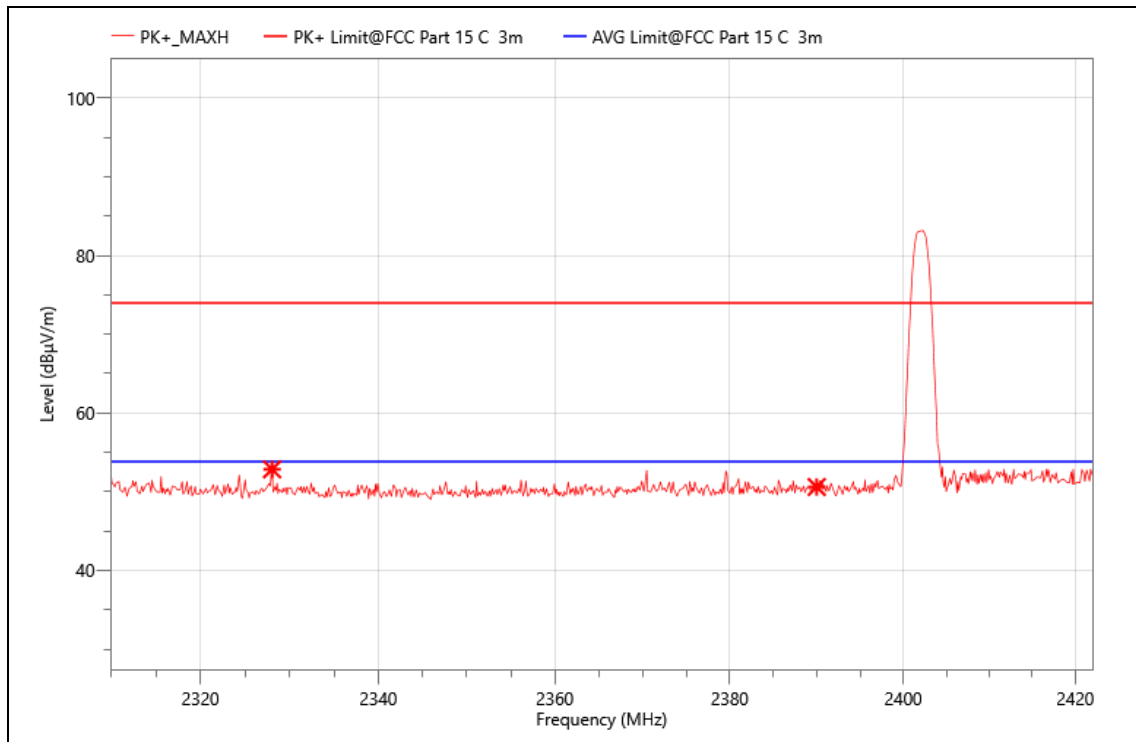
(2) Note: 1. Meas. = Reading + Corr. ; Margin= Limit - Meas.

(3) The average measurement was not performed when the peak measured data under the limit of average detection.

(4) Measuring frequencies from 1GHz to 25GHz.

Band edge:

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa

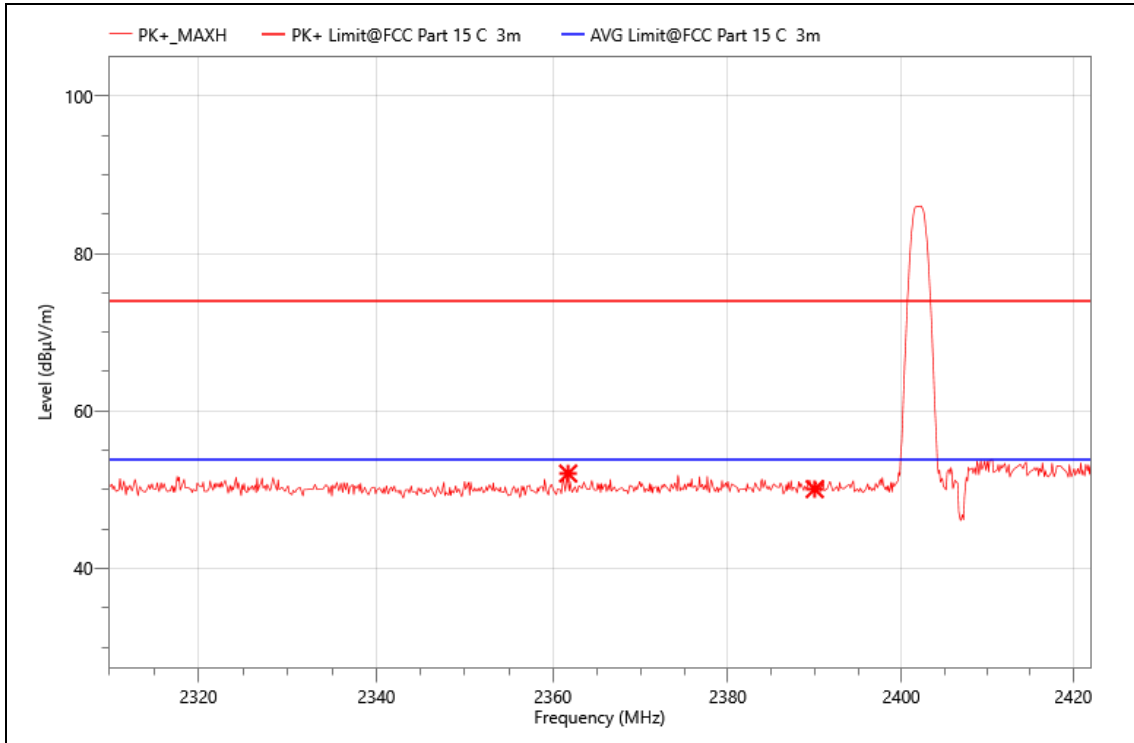


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2328.032	27.08	25.76	52.84	74.00	21.16	PK+	H
2	2390.000	24.64	25.96	50.60	74.00	23.40	PK+	H

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2402
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa

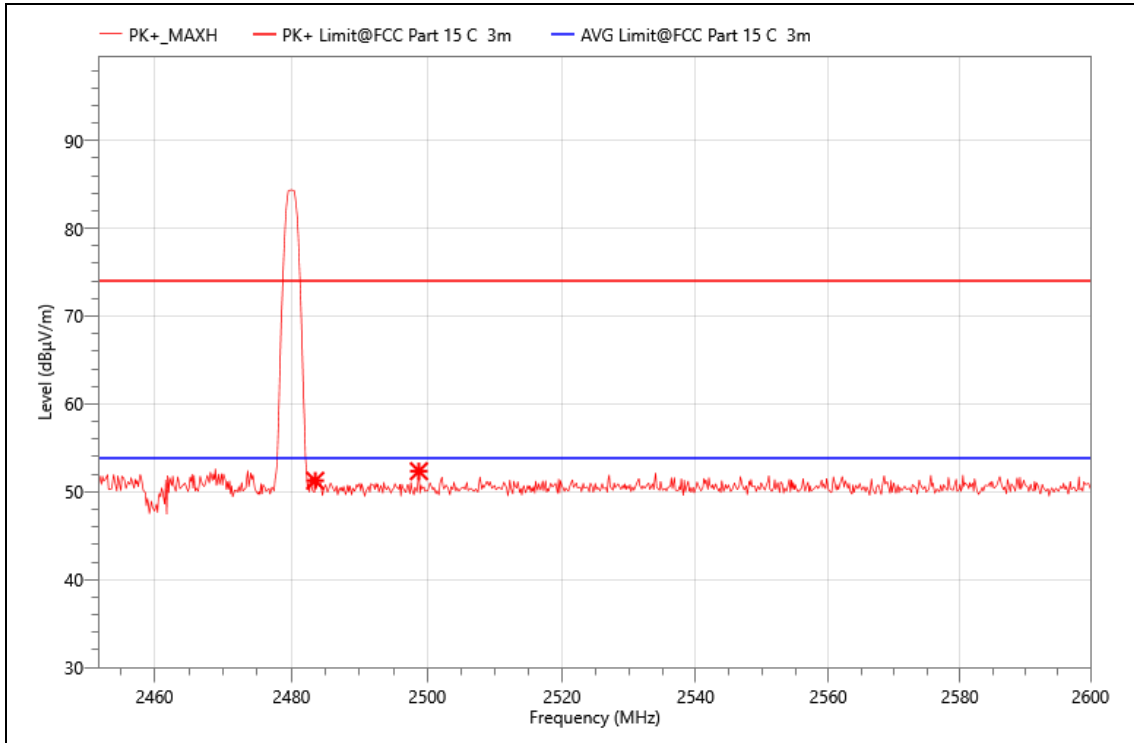


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2361.744	26.31	25.75	52.06	74.00	21.94	PK+	V
2	2390.000	24.11	25.96	50.07	74.00	23.93	PK+	V

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2480
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa

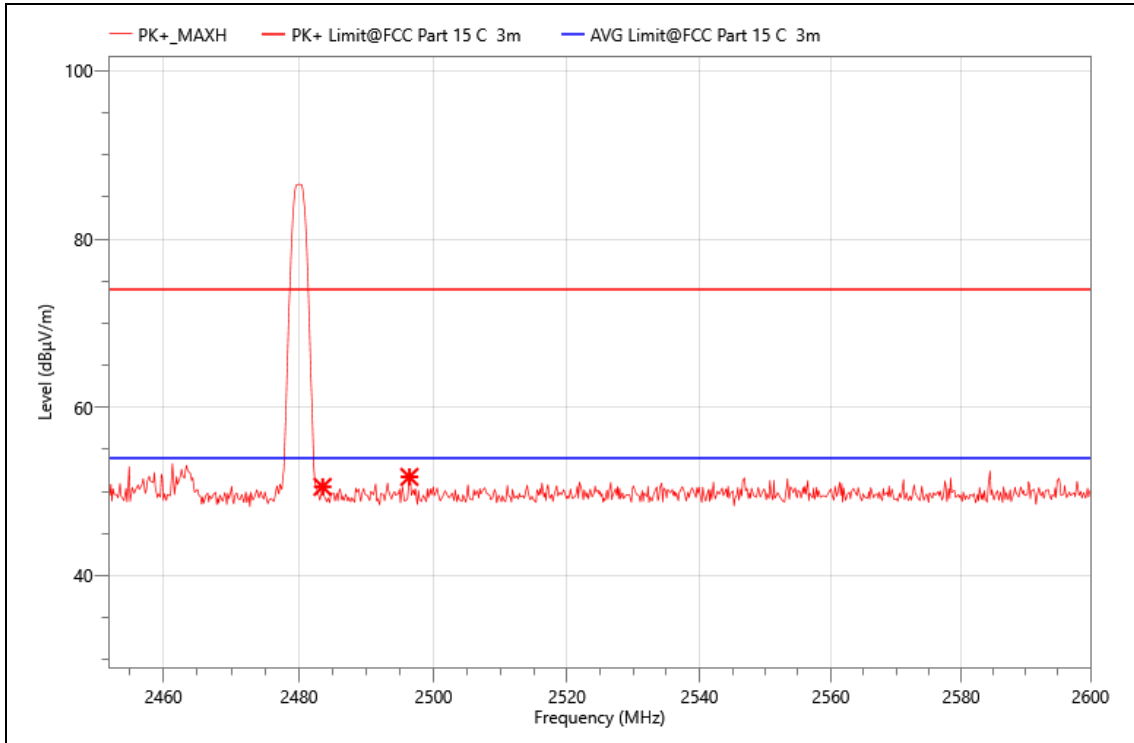


Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	25.55	25.71	51.26	74.00	22.74	PK+	H
2	2498.768	26.57	25.77	52.34	74.00	21.66	PK+	H

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

EUT :	Smart Motion Sensor
MN:	M1-M
Mode:	BLE 2480
Power:	DC 3V
TE:	Vier
Date	2023/12/19
T/A/P	25°C/54%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	24.84	25.71	50.55	74.00	23.45	PK+	V
2	2496.400	25.99	25.75	51.74	74.00	22.26	PK+	V

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]