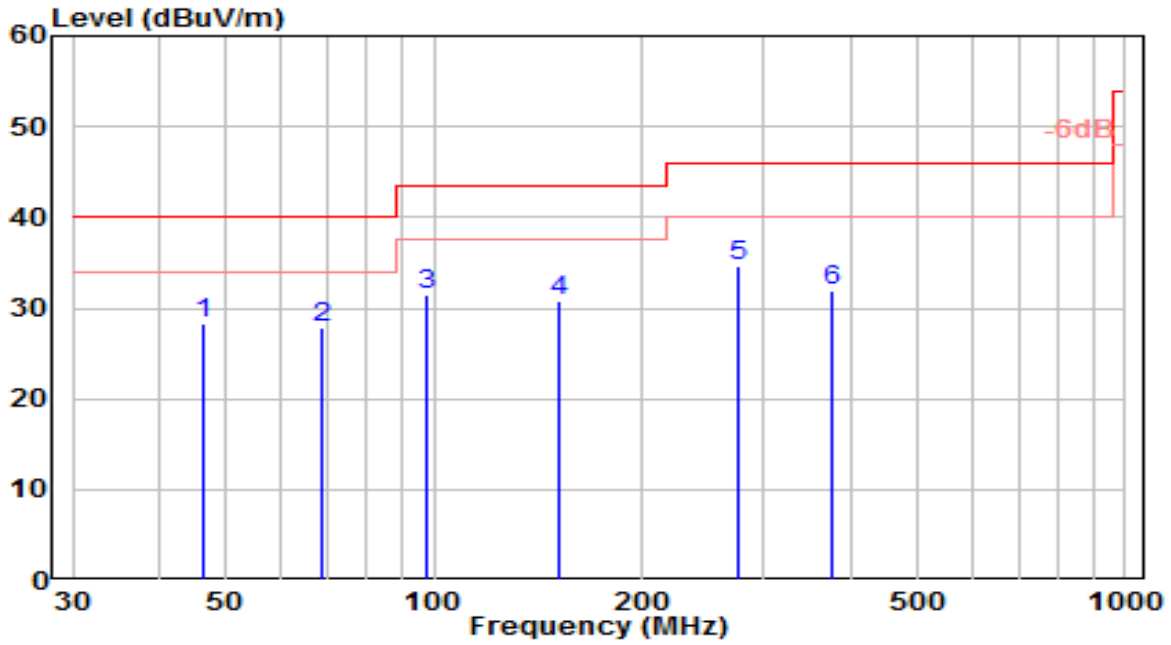
7.6.5. Test Result

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	VULB 9162	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	By Notebook PC

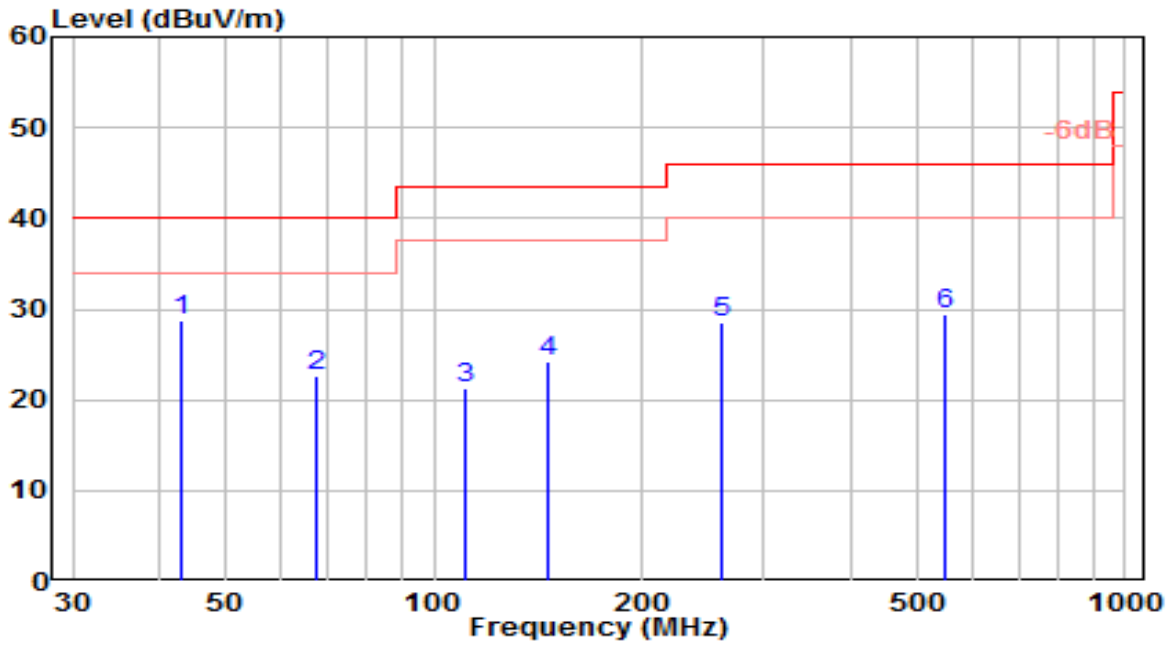


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		46.230	7.72	20.60	28.32	-11.68	40.00	150	325	QP
2		68.628	11.67	16.25	27.92	-12.08	40.00	150	180	QP
3		97.878	13.27	18.16	31.43	-12.07	43.50	150	270	QP
4		151.456	15.47	15.34	30.81	-12.69	43.50	150	340	QP
5	*	274.590	14.49	20.18	34.68	-11.32	46.00	100	5	QP
6		375.513	8.79	23.15	31.94	-14.06	46.00	100	135	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	VULB 9162	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	By Notebook PC

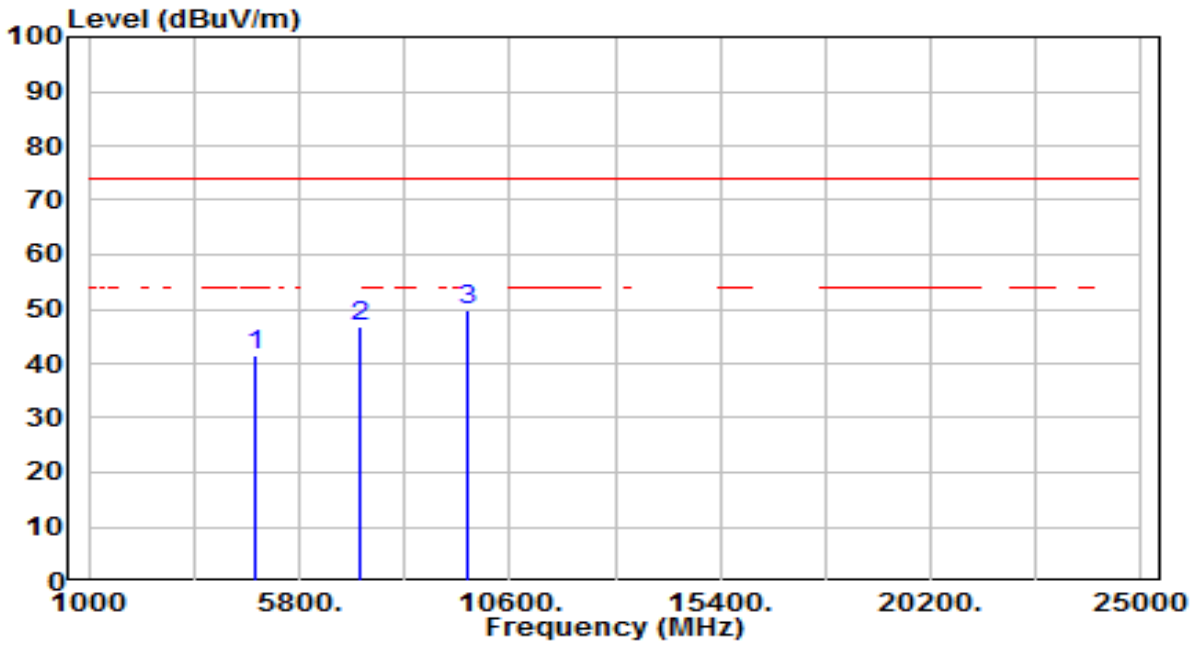


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	43.147	8.37	20.31	28.68	-11.32	40.00	150	345	QP
2		67.703	6.11	16.59	22.70	-17.30	40.00	100	105	QP
3		111.222	2.87	18.34	21.21	-22.29	43.50	100	310	QP
4		146.677	9.17	15.14	24.31	-19.19	43.50	100	235	QP
5		260.819	8.29	20.24	28.53	-17.47	46.00	150	5	QP
6		548.410	3.32	26.07	29.39	-16.61	46.00	100	330	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 0	Test Voltage	By Notebook PC

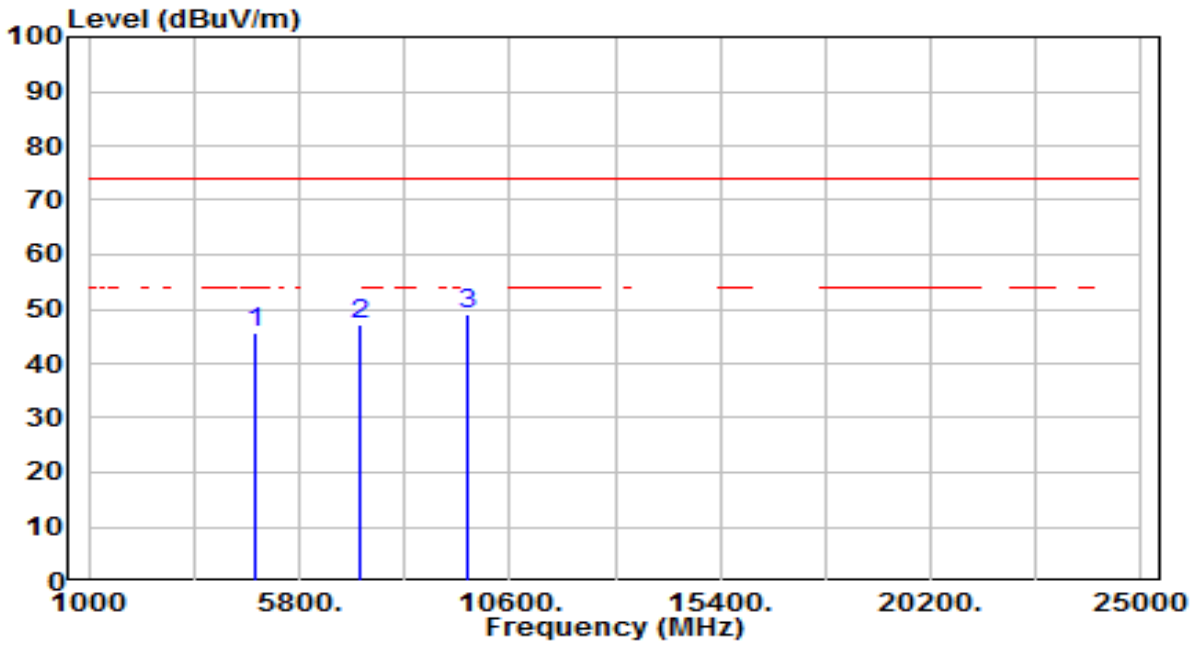


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	37.98	3.71	41.69	-32.31	74.00	200	192	Peak
2		7206.000	35.04	11.57	46.61	-27.39	74.00	200	209	Peak
3	*	9608.000	34.29	15.69	49.99	-24.01	74.00	200	192	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 0	Test Voltage	By Notebook PC

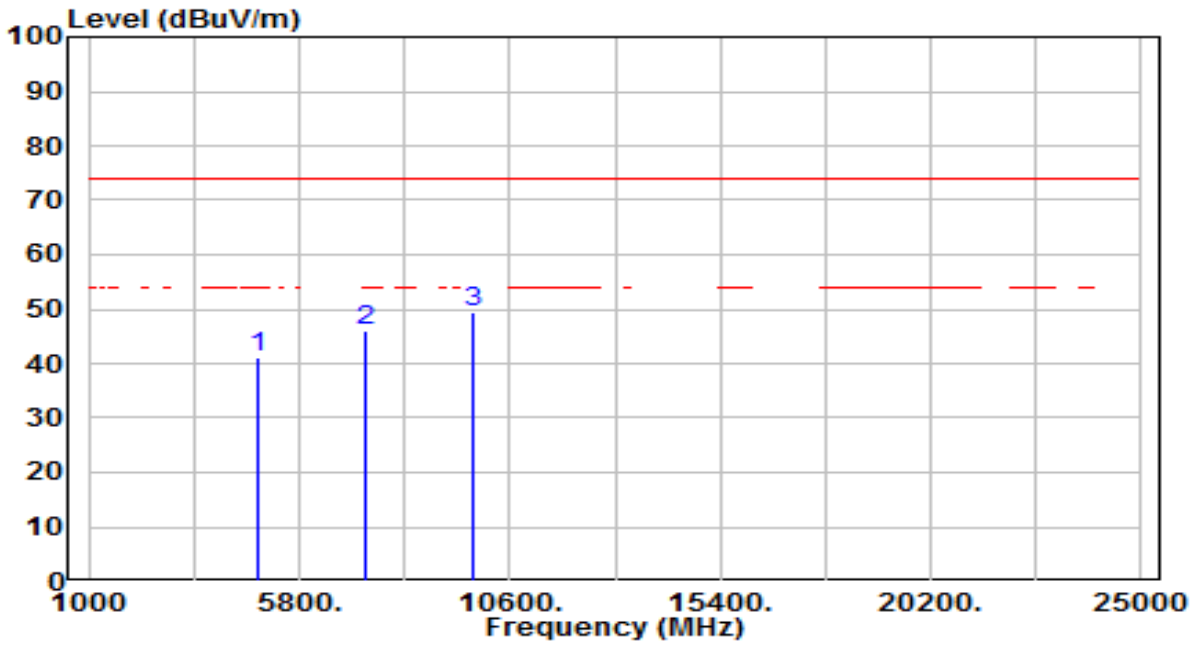


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	42.06	3.71	45.77	-28.23	74.00	200	224	Peak
2		7206.000	35.55	11.57	47.12	-26.88	74.00	200	217	Peak
3	*	9608.000	33.44	15.69	49.14	-24.86	74.00	200	1	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	By Notebook PC

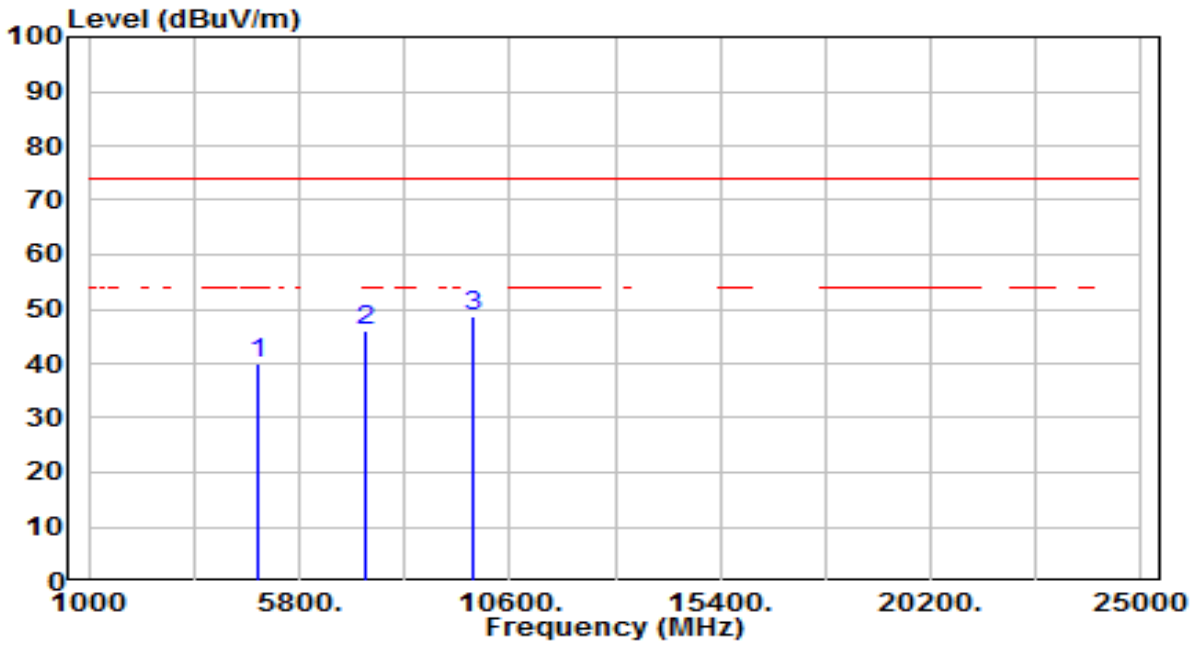


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	37.44	3.85	41.29	-32.71	74.00	200	326	Peak
2		7320.000	33.96	11.97	45.93	-28.07	74.00	200	304	Peak
3	*	9760.000	33.54	15.98	49.52	-24.48	74.00	200	233	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	By Notebook PC

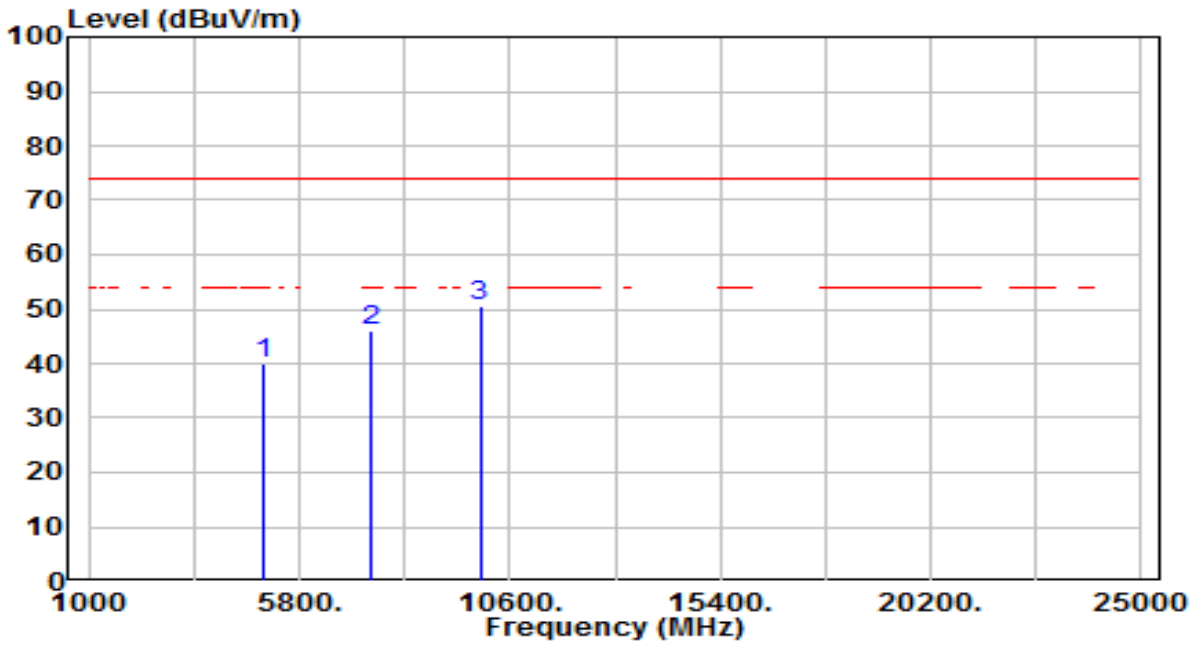


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	36.14	3.85	39.99	-34.01	74.00	200	134	Peak
2		7320.000	33.98	11.97	45.96	-28.04	74.00	200	293	Peak
3	*	9760.000	32.88	15.98	48.85	-25.15	74.00	200	148	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 39	Test Voltage	By Notebook PC

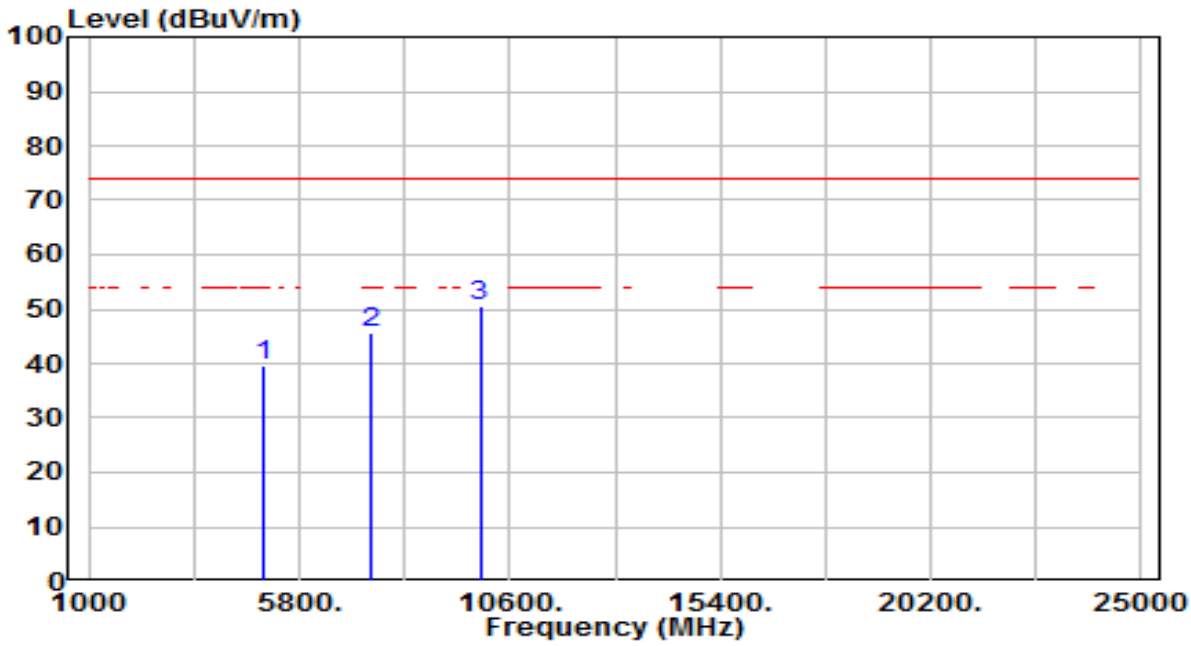


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.05	3.99	40.04	-33.96	74.00	200	254	Peak
2		7440.000	33.70	12.40	46.10	-27.90	74.00	200	158	Peak
3	*	9920.000	34.21	16.27	50.48	-23.52	74.00	200	63	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 39	Test Voltage	By Notebook PC

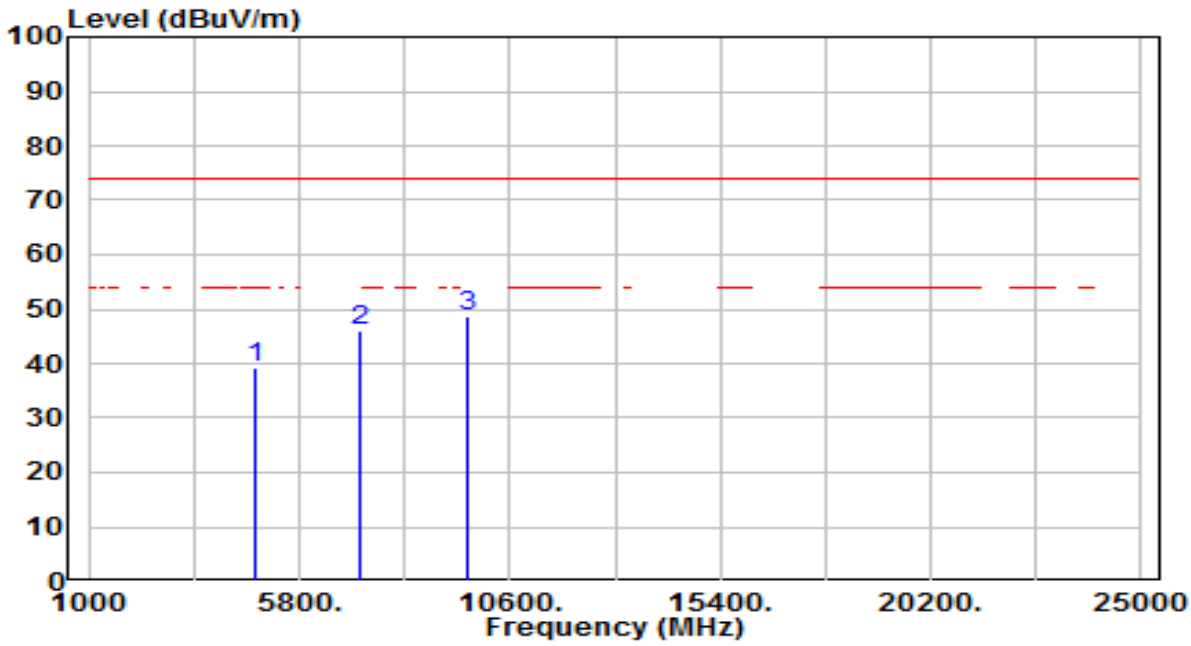


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	35.48	3.99	39.47	-34.53	74.00	200	165	Peak
2		7440.000	33.35	12.40	45.75	-28.25	74.00	200	87	Peak
3	*	9920.000	34.24	16.27	50.51	-23.49	74.00	200	126	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0	Test Voltage	By Notebook PC

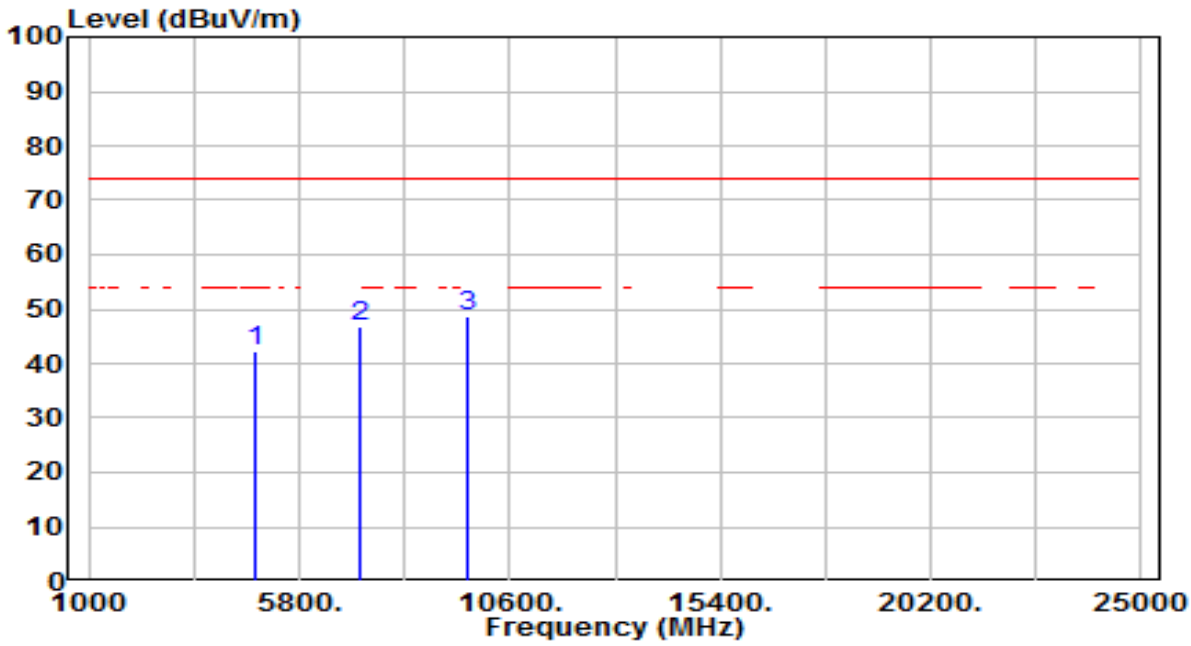


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.71	3.71	39.42	-34.58	74.00	200	359	Peak
2		7206.000	34.29	11.57	45.85	-28.15	74.00	200	122	Peak
3	*	9608.000	33.02	15.69	48.71	-25.29	74.00	200	157	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0	Test Voltage	By Notebook PC

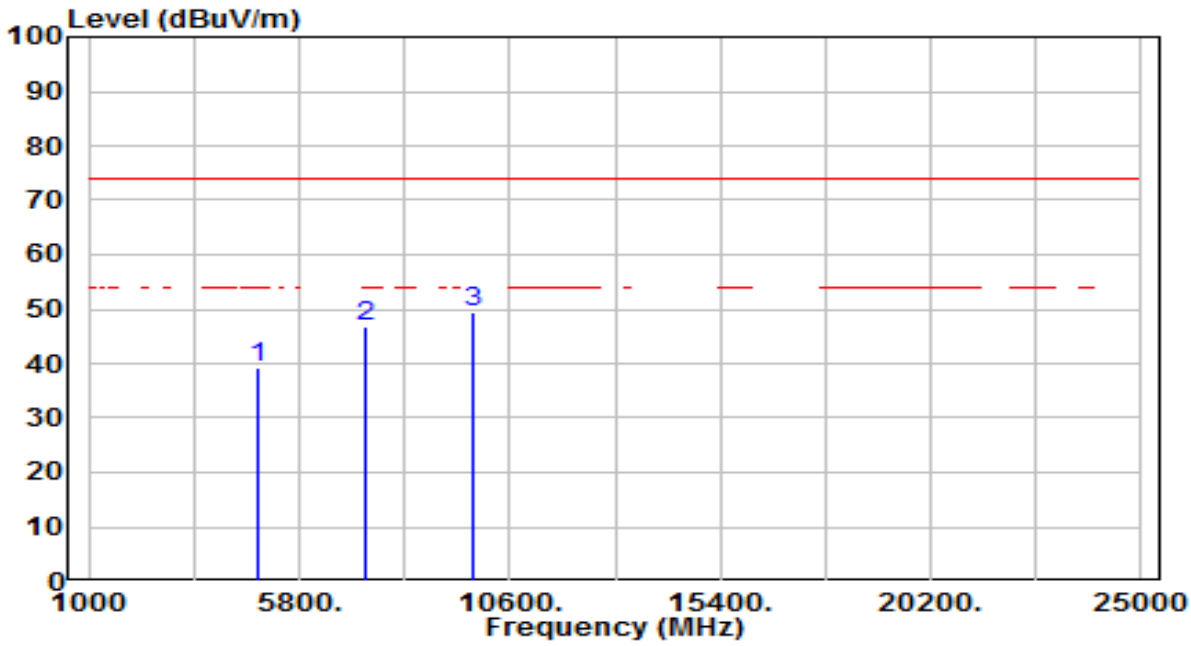


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	38.70	3.71	42.41	-31.59	74.00	200	193	Peak
2		7206.000	35.30	11.57	46.87	-27.13	74.00	200	310	Peak
3	*	9608.000	32.86	15.69	48.56	-25.44	74.00	200	214	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 19	Test Voltage	By Notebook PC

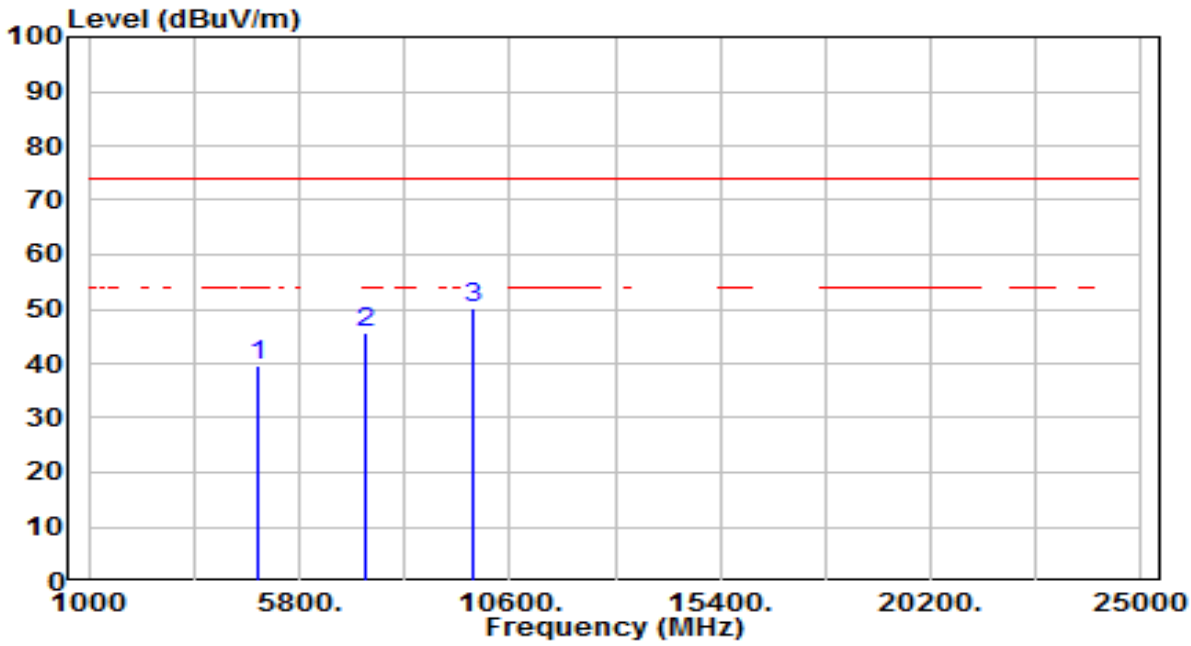


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.57	3.85	39.42	-34.58	74.00	200	269	Peak
2		7320.000	34.92	11.97	46.90	-27.10	74.00	200	138	Peak
3	*	9760.000	33.56	15.98	49.54	-24.46	74.00	200	30	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 19	Test Voltage	By Notebook PC

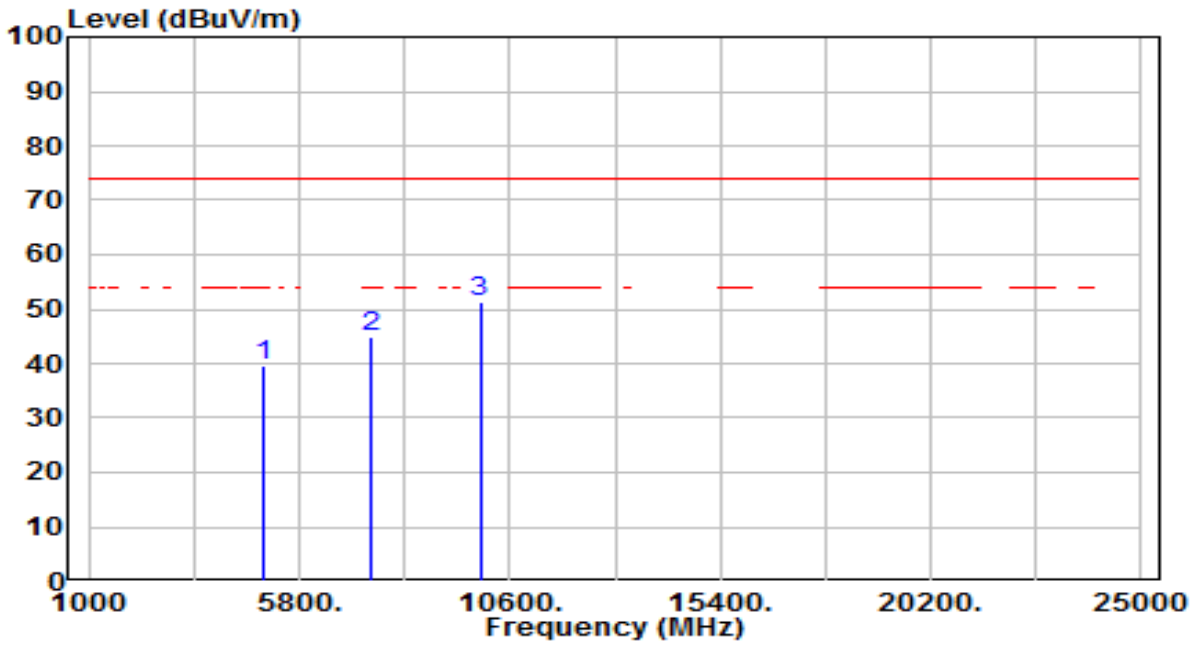


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.94	3.85	39.79	-34.21	74.00	200	16	Peak
2		7320.000	33.83	11.97	45.80	-28.20	74.00	200	59	Peak
3	*	9760.000	34.39	15.98	50.36	-23.64	74.00	200	151	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 39	Test Voltage	By Notebook PC

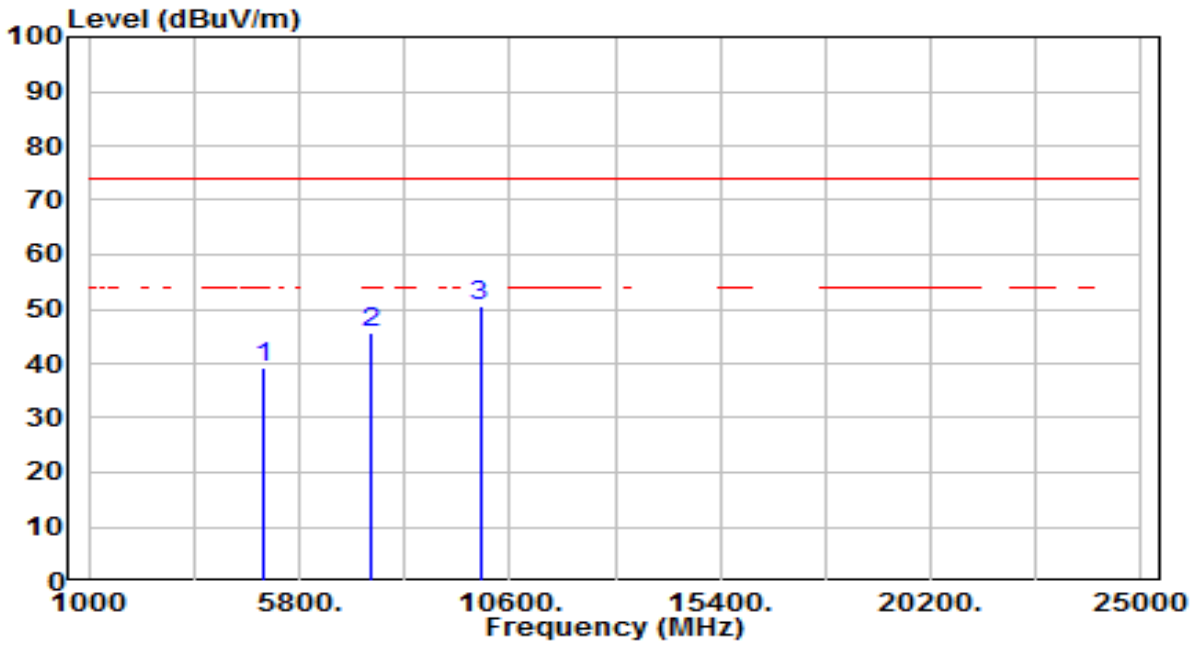


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	35.73	3.99	39.72	-34.28	74.00	200	236	Peak
2		7440.000	32.69	12.40	45.09	-28.91	74.00	200	198	Peak
3	*	9920.000	35.05	16.27	51.32	-22.68	74.00	200	333	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 39	Test Voltage	By Notebook PC

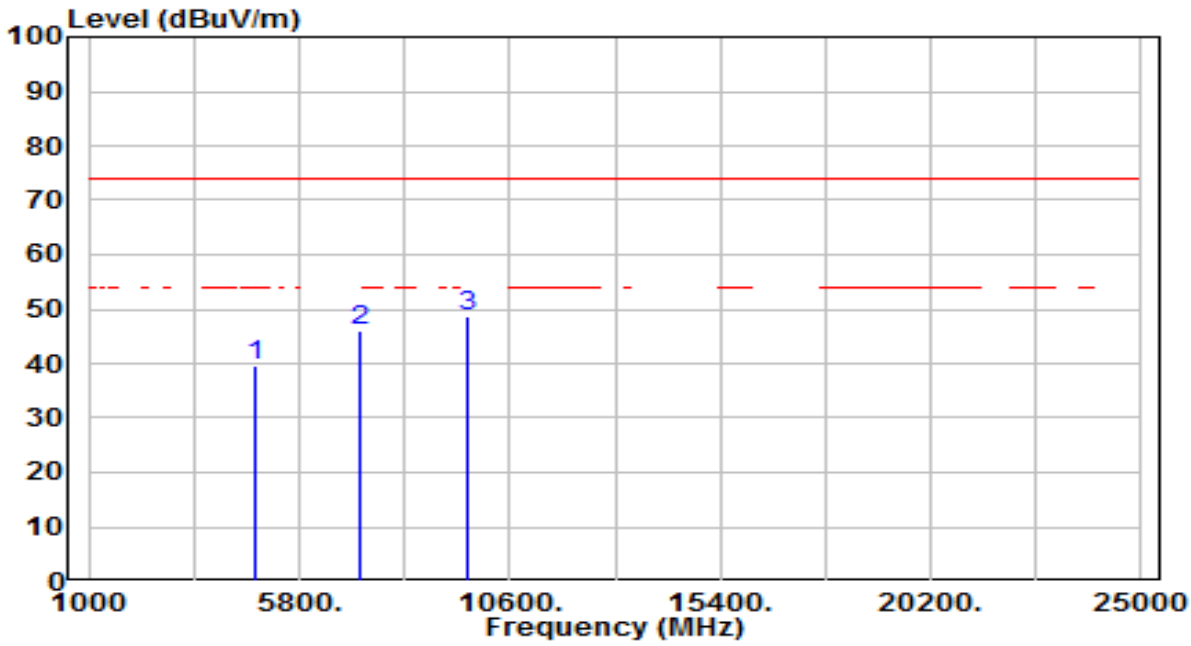


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	35.13	3.99	39.12	-34.88	74.00	200	107	Peak
2		7440.000	33.21	12.40	45.61	-28.39	74.00	200	163	Peak
3	*	9920.000	34.13	16.27	50.40	-23.60	74.00	200	272	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 0	Test Voltage	By Notebook PC

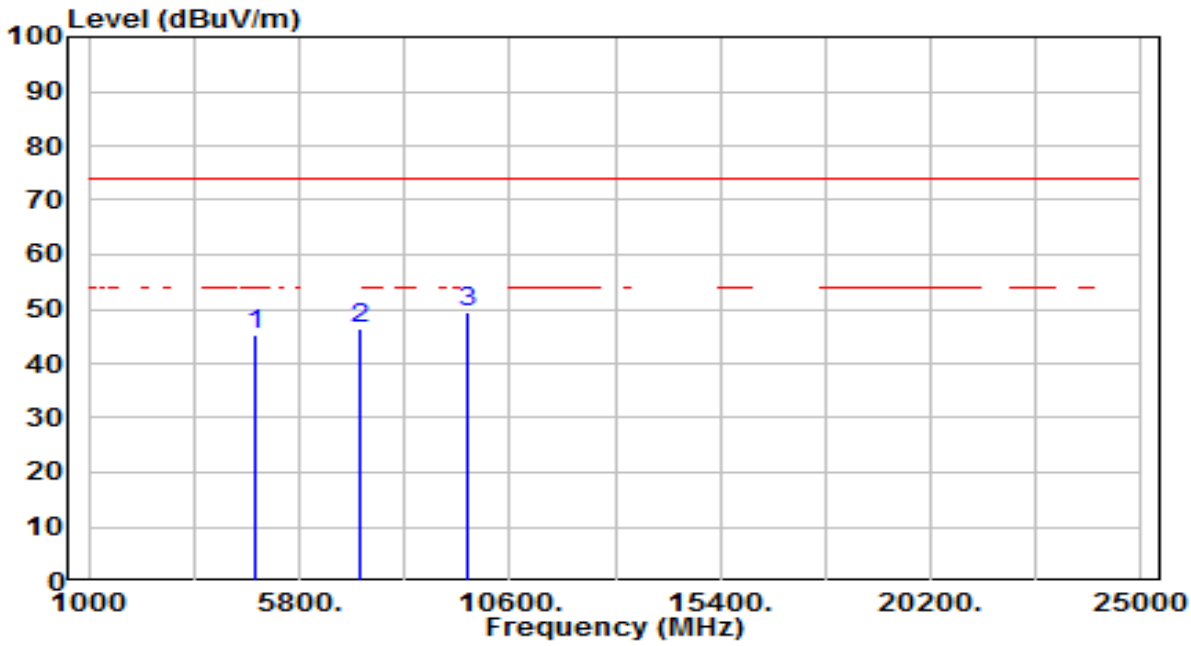


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.79	3.71	39.50	-34.50	74.00	200	340	Peak
2		7206.000	34.62	11.57	46.19	-27.81	74.00	200	68	Peak
3	*	9608.000	33.02	15.69	48.72	-25.28	74.00	200	117	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 0	Test Voltage	By Notebook PC

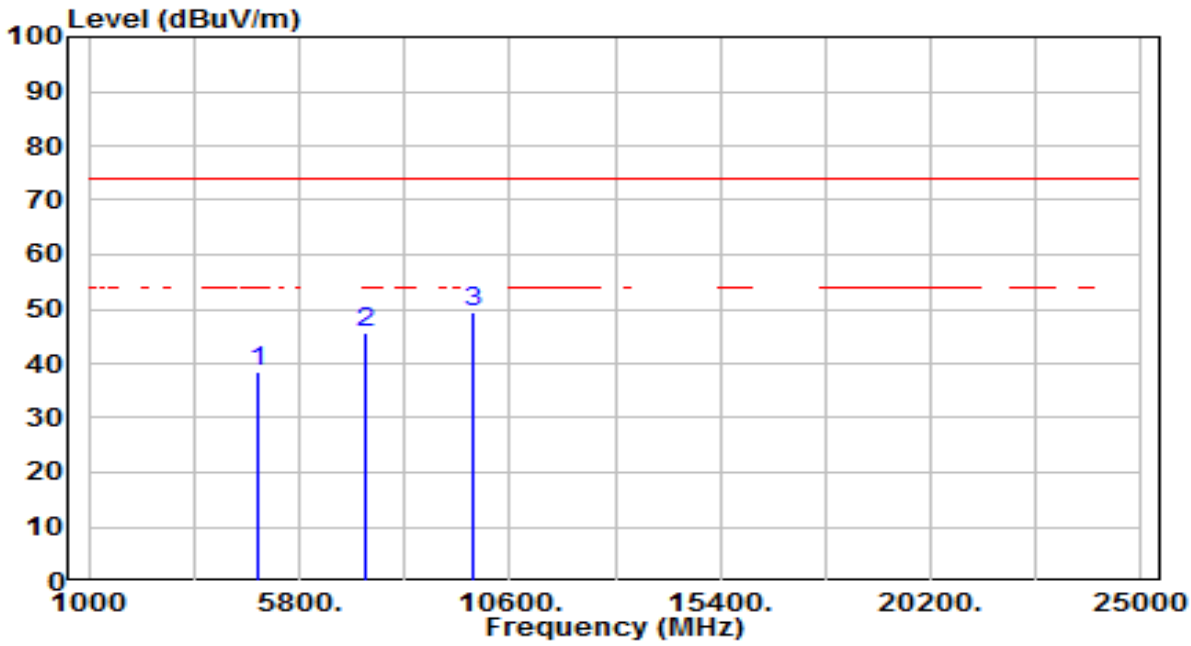


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	41.39	3.71	45.10	-28.90	74.00	200	225	Peak
2		7206.000	34.95	11.57	46.52	-27.48	74.00	200	109	Peak
3	*	9608.000	33.68	15.69	49.38	-24.62	74.00	200	218	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 19	Test Voltage	By Notebook PC

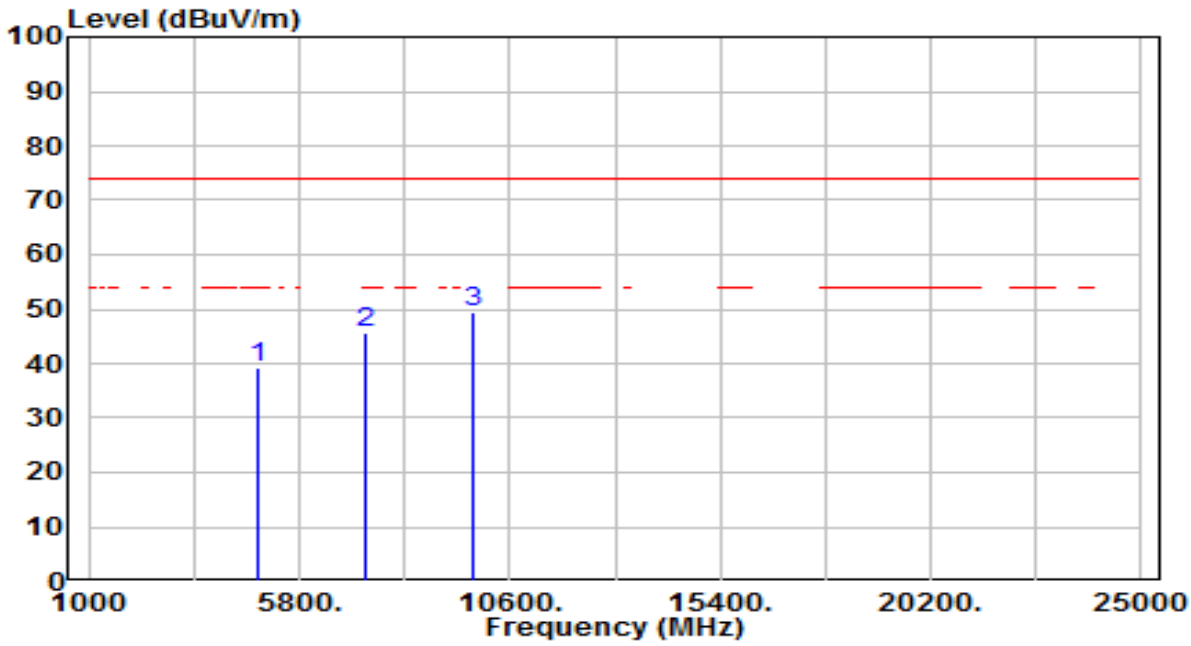


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	34.75	3.85	38.60	-35.40	74.00	200	314	Peak
2		7320.000	33.71	11.97	45.68	-28.32	74.00	200	20	Peak
3	*	9760.000	33.51	15.98	49.48	-24.52	74.00	200	91	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 19	Test Voltage	By Notebook PC

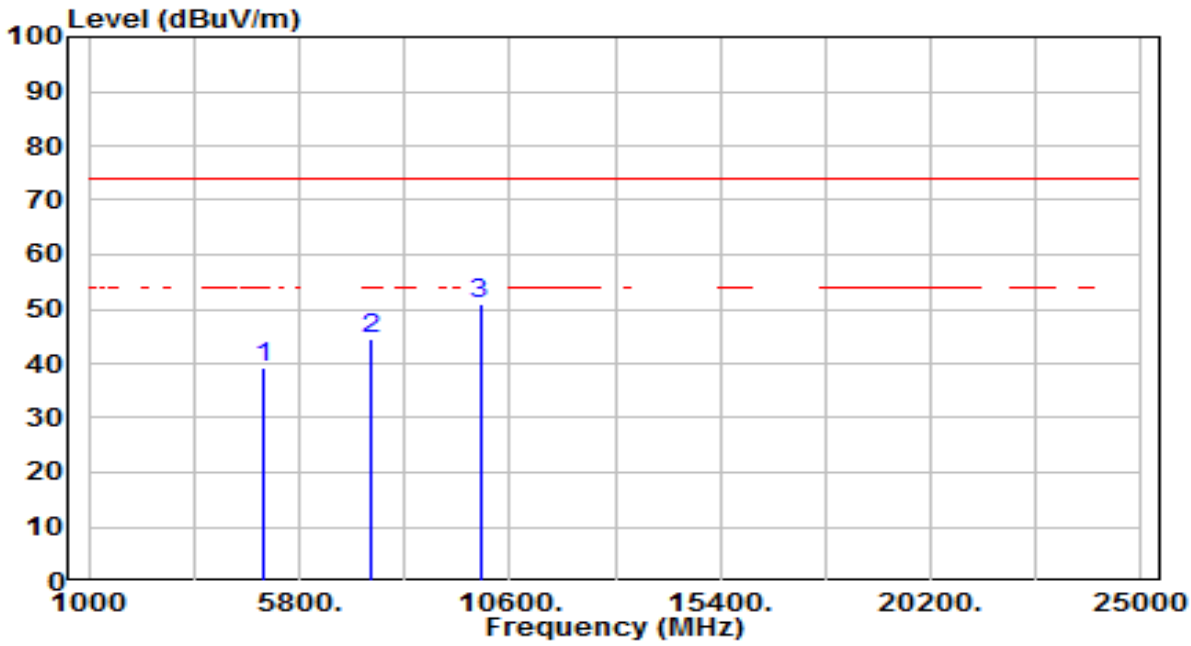


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.56	3.85	39.41	-34.59	74.00	200	145	Peak
2		7320.000	33.54	11.97	45.51	-28.49	74.00	200	197	Peak
3	*	9760.000	33.58	15.98	49.56	-24.44	74.00	200	5	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 39	Test Voltage	By Notebook PC

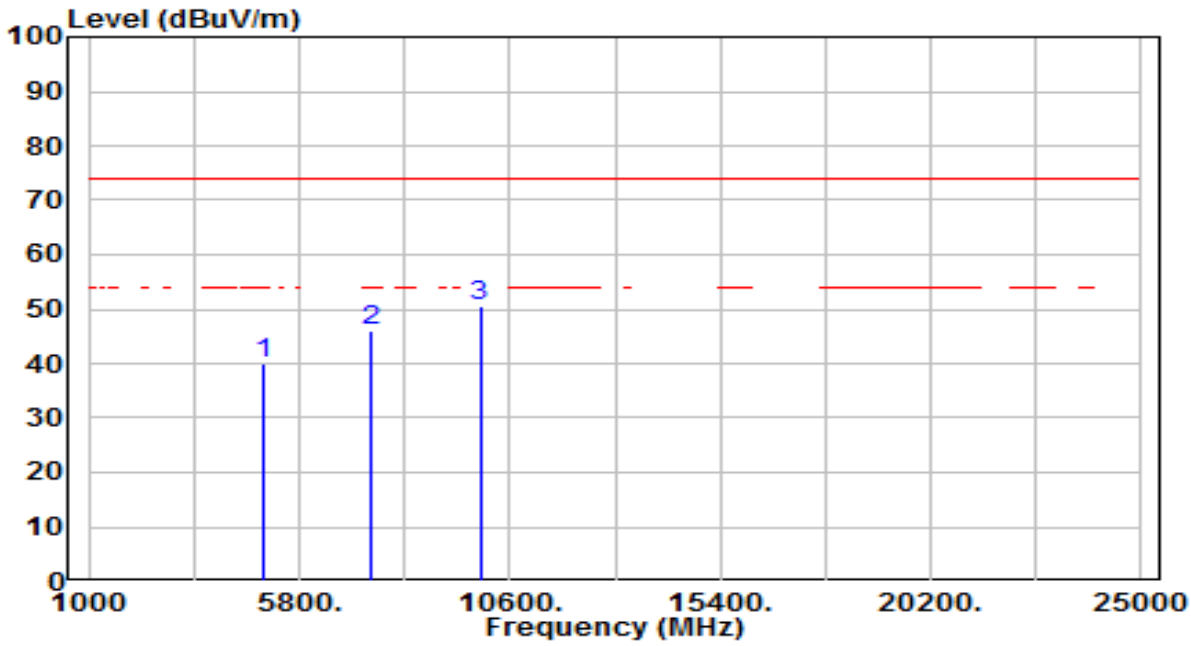


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	35.11	3.99	39.10	-34.90	74.00	200	27	Peak
2		7440.000	32.16	12.40	44.56	-29.44	74.00	200	359	Peak
3	*	9920.000	34.59	16.27	50.87	-23.13	74.00	200	27	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 39	Test Voltage	By Notebook PC

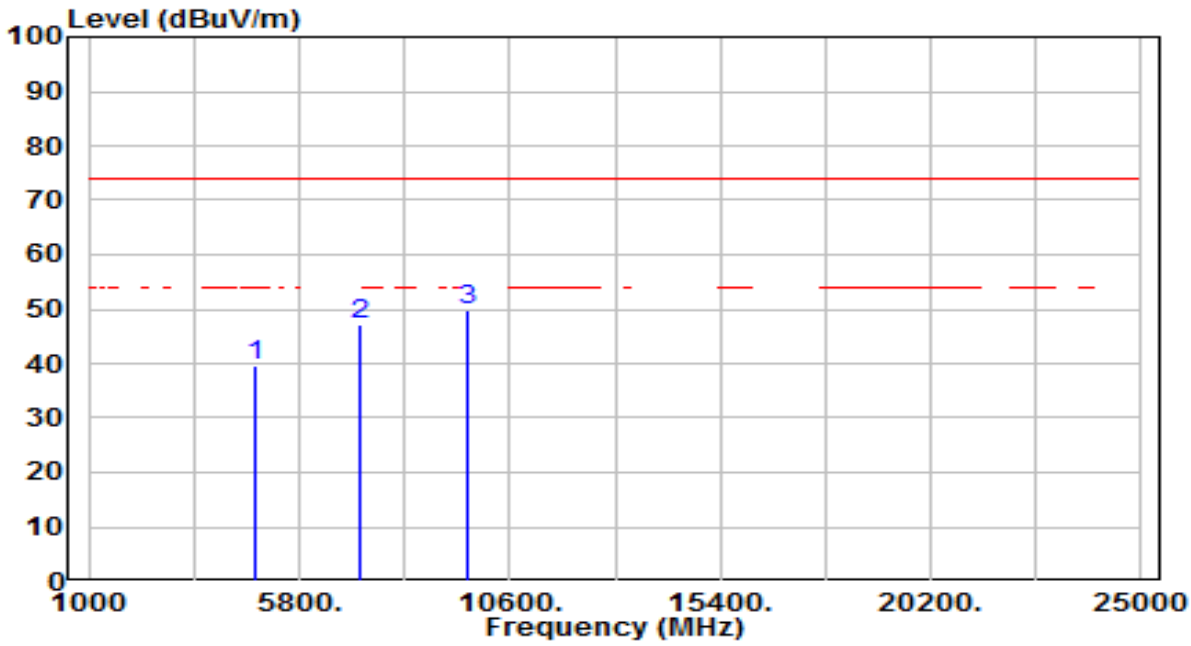


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.01	3.99	40.00	-34.00	74.00	200	116	Peak
2		7440.000	33.78	12.40	46.17	-27.83	74.00	200	92	Peak
3	*	9920.000	34.39	16.27	50.67	-23.33	74.00	200	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 0	Test Voltage	By Notebook PC

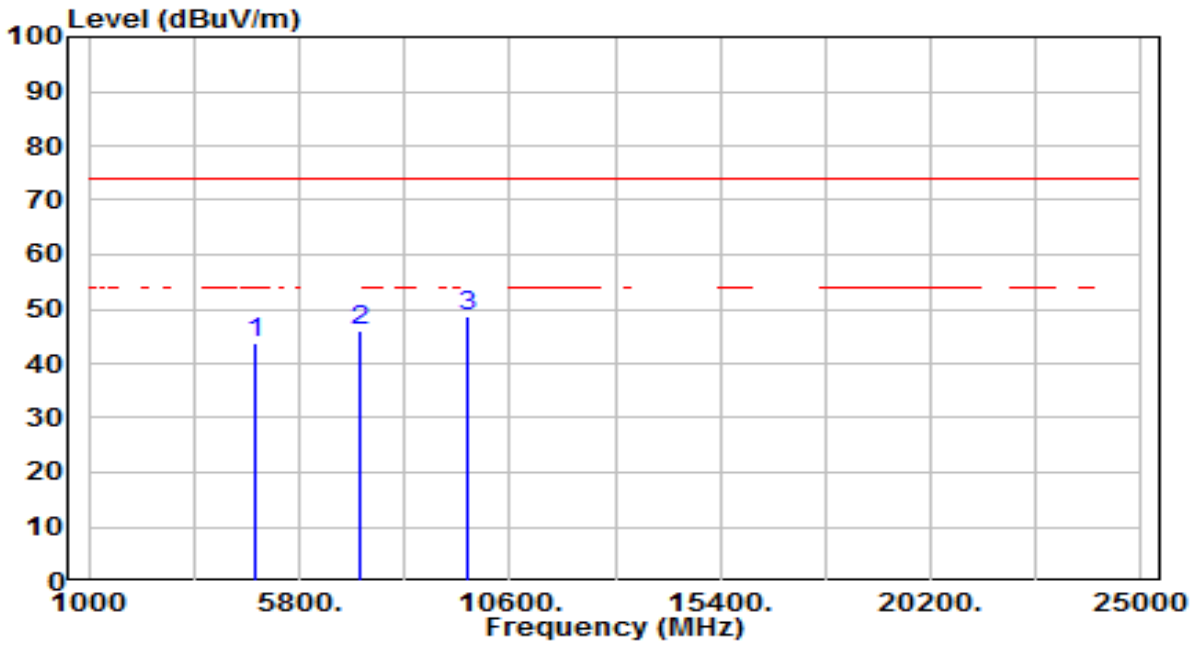


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.87	3.71	39.59	-34.41	74.00	200	234	Peak
2		7206.000	35.70	11.57	47.27	-26.73	74.00	200	224	Peak
3	*	9608.000	34.24	15.69	49.94	-24.06	74.00	200	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 0	Test Voltage	By Notebook PC

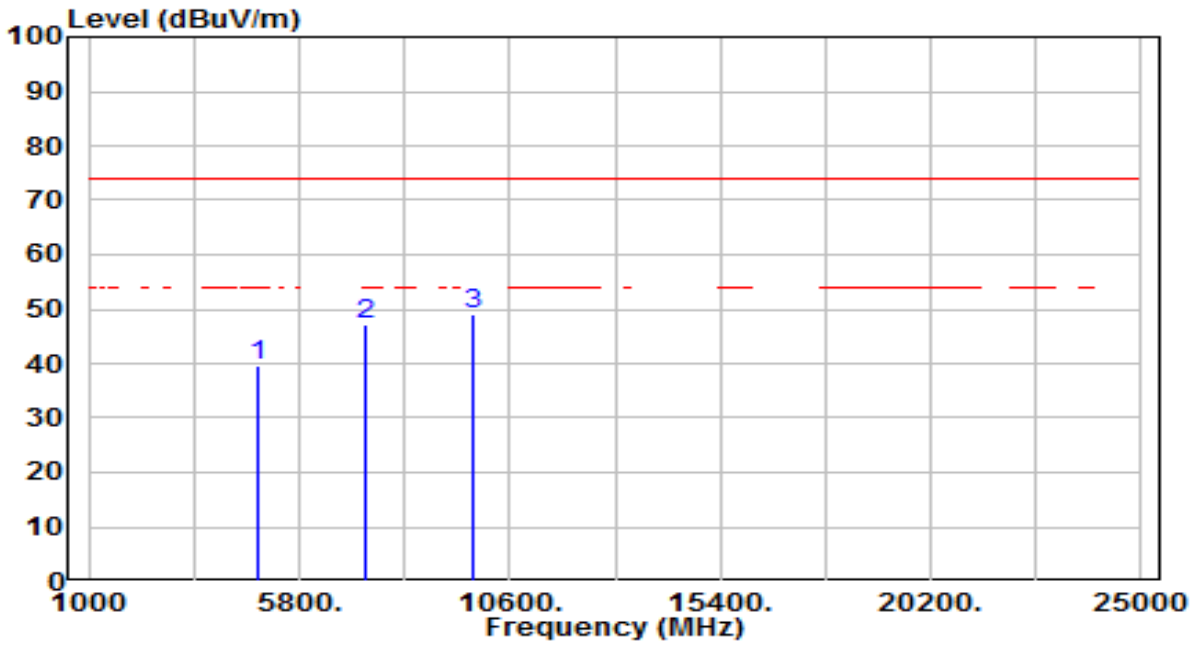


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	39.93	3.71	43.64	-30.36	74.00	200	176	Peak
2		7206.000	34.49	11.57	46.06	-27.94	74.00	200	59	Peak
3	*	9608.000	32.94	15.69	48.64	-25.36	74.00	200	271	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 19	Test Voltage	By Notebook PC

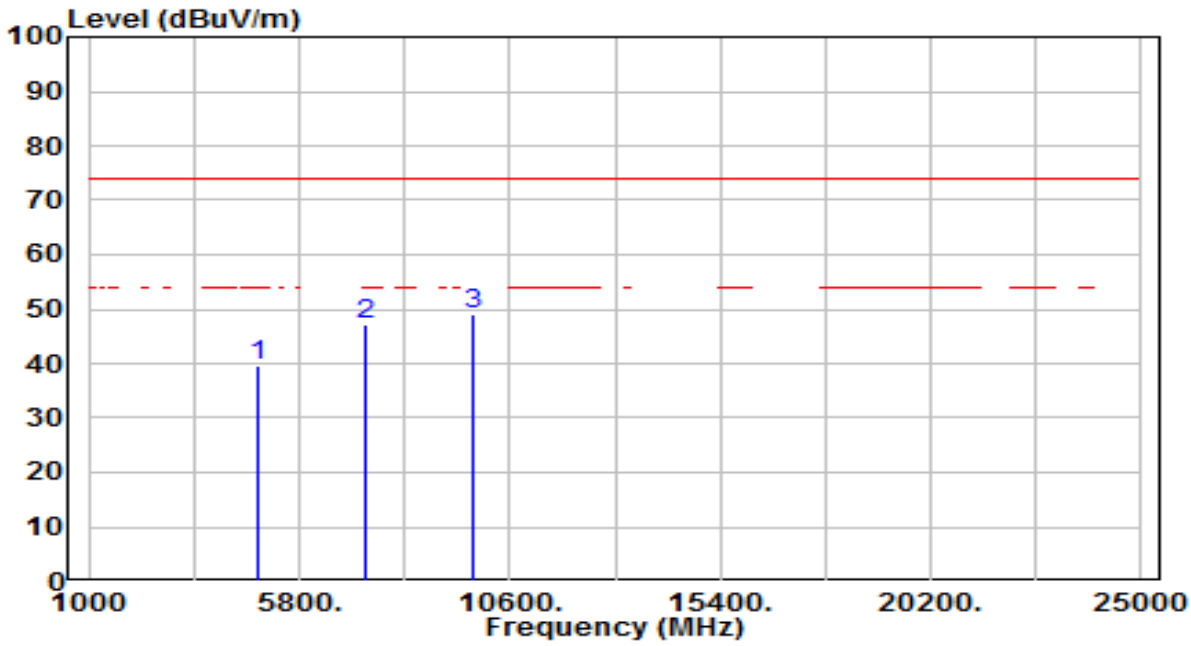


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.76	3.85	39.61	-34.39	74.00	200	26	Peak
2		7320.000	35.09	11.97	47.07	-26.93	74.00	200	117	Peak
3	*	9760.000	33.13	15.98	49.10	-24.90	74.00	200	269	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 19	Test Voltage	By Notebook PC

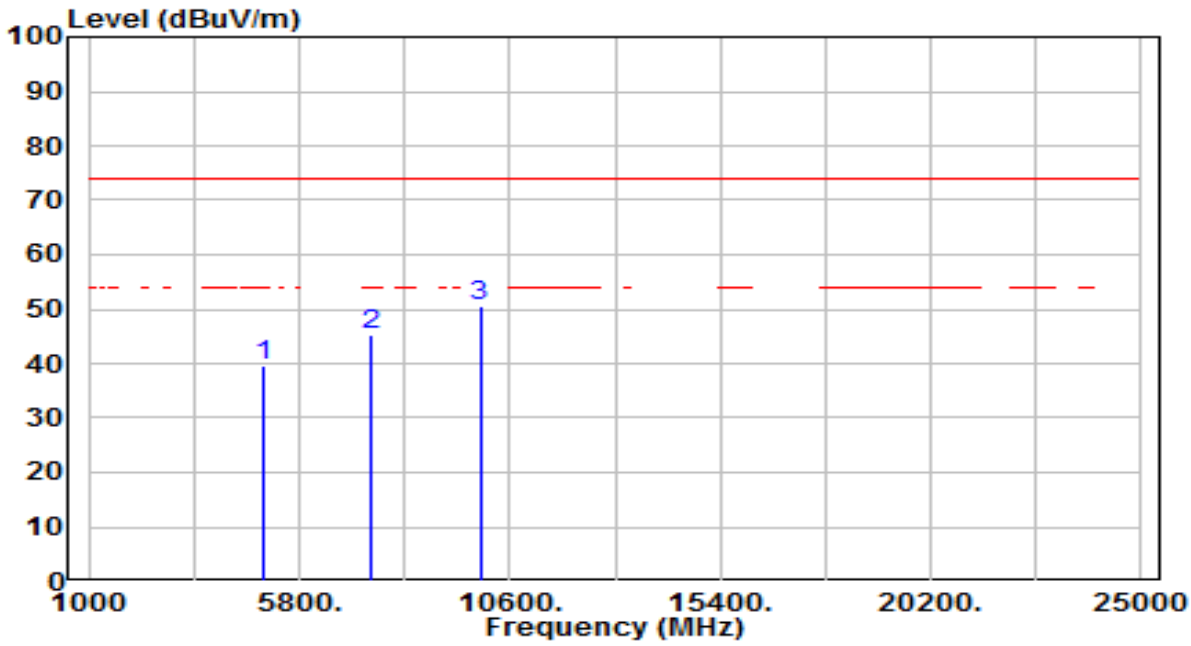


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.81	3.85	39.66	-34.34	74.00	200	353	Peak
2		7320.000	35.21	11.97	47.18	-26.82	74.00	200	314	Peak
3	*	9760.000	33.05	15.98	49.02	-24.98	74.00	200	84	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 39	Test Voltage	By Notebook PC

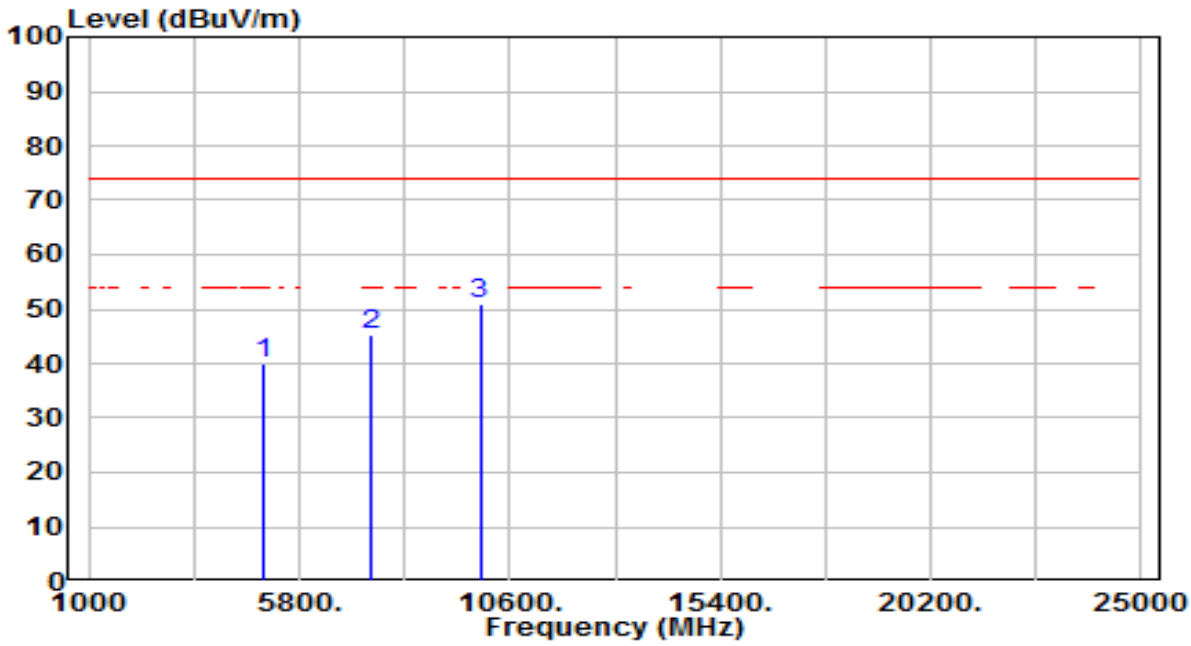


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	35.64	3.99	39.63	-34.37	74.00	200	76	Peak
2		7440.000	32.81	12.40	45.20	-28.80	74.00	200	259	Peak
3	*	9920.000	34.38	16.27	50.65	-23.35	74.00	200	121	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 39	Test Voltage	By Notebook PC



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.14	3.99	40.13	-33.87	74.00	200	278	Peak
2		7440.000	33.06	12.40	45.46	-28.54	74.00	200	313	Peak
3	*	9920.000	34.57	16.27	50.84	-23.16	74.00	200	73	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 – 30	30	30
30 – 88	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

ANSI C63.10-2013 - Section 11.13

7.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3 * RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

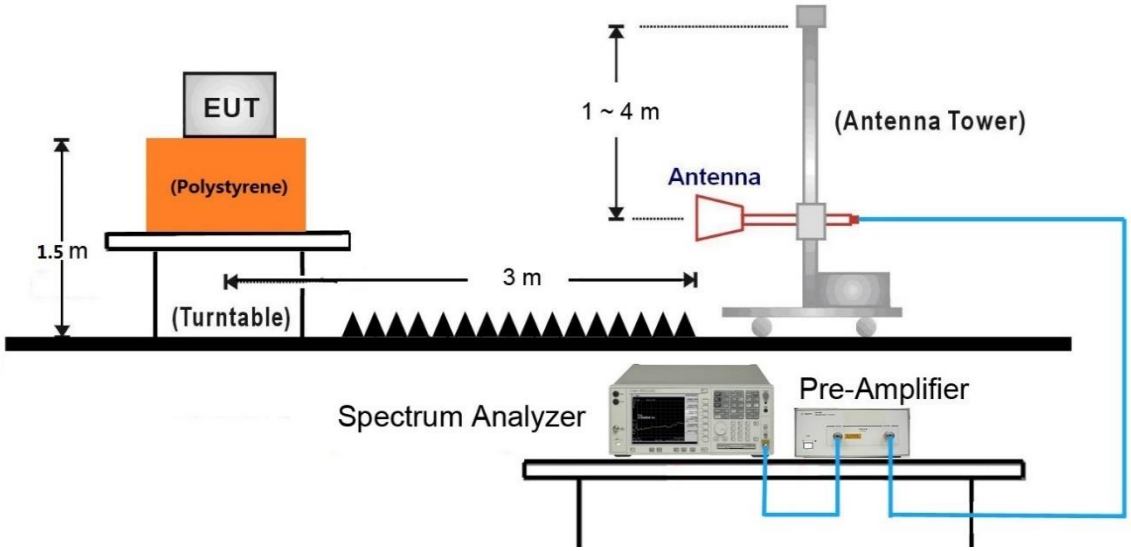
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

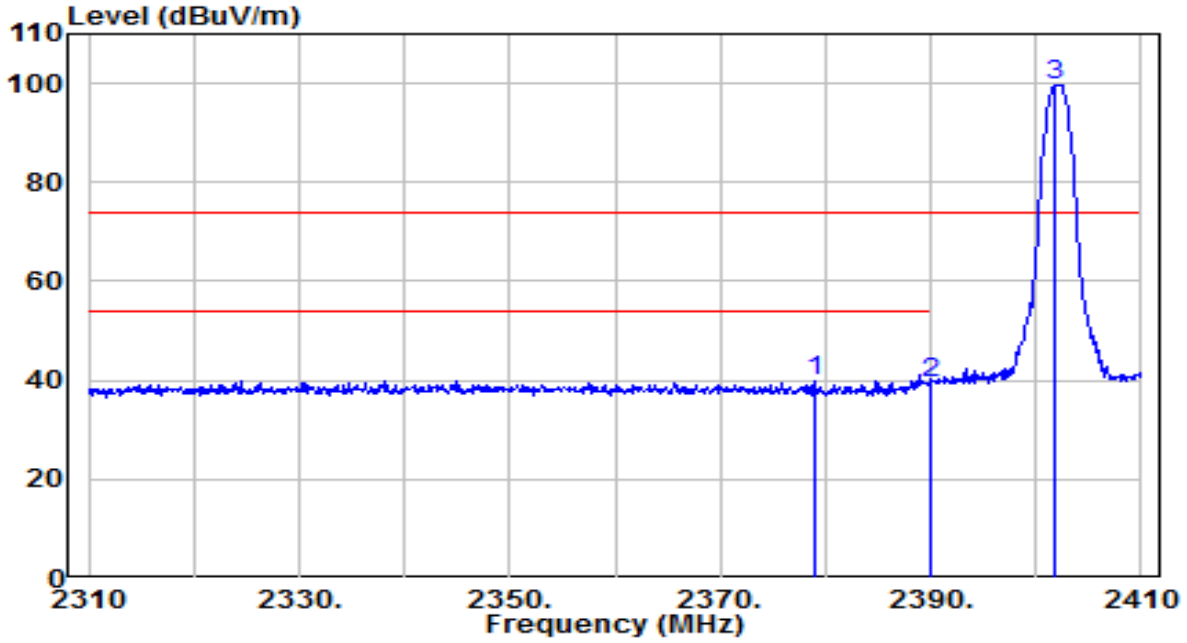
7.7.4. Test Setup

1GHz ~ 25GHz Test Setup:



7.7.5. Test Result

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 0	Test Voltage	By Notebook PC

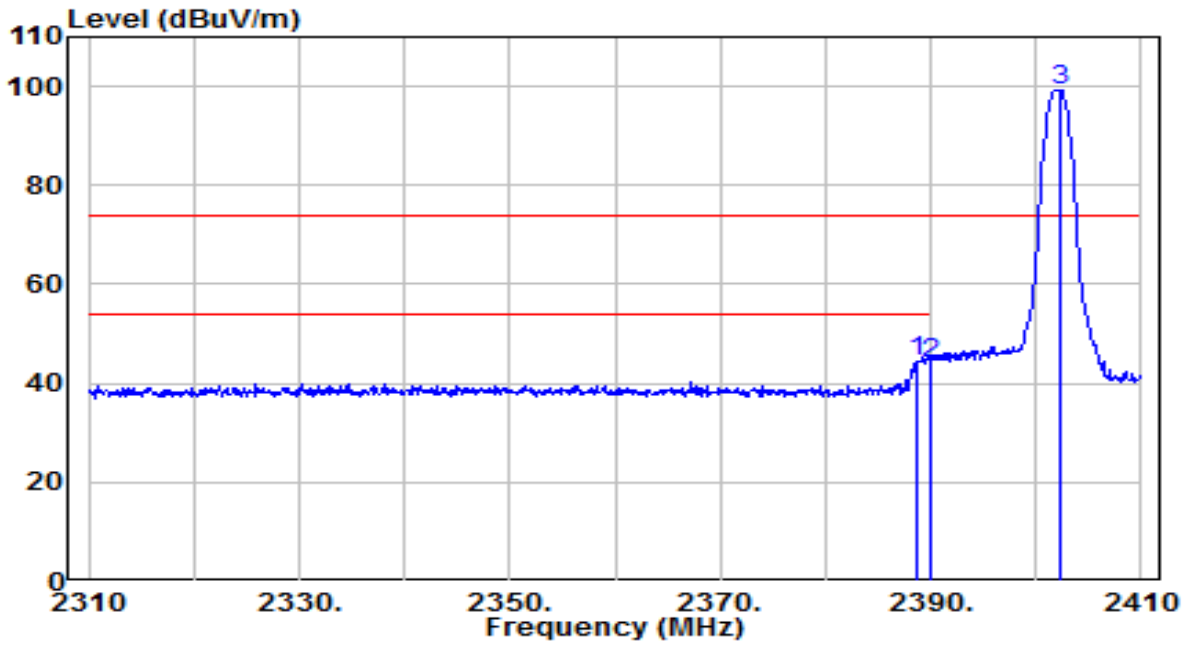


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2379.100	42.04	-2.06	39.98	-34.02	74.00	110	325	Peak
2		2390.000	41.61	-2.03	39.58	-34.42	74.00	110	325	Peak
3		2401.800	101.72	-1.99	99.73	N/A	N/A	110	325	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 0	Test Voltage	By Notebook PC

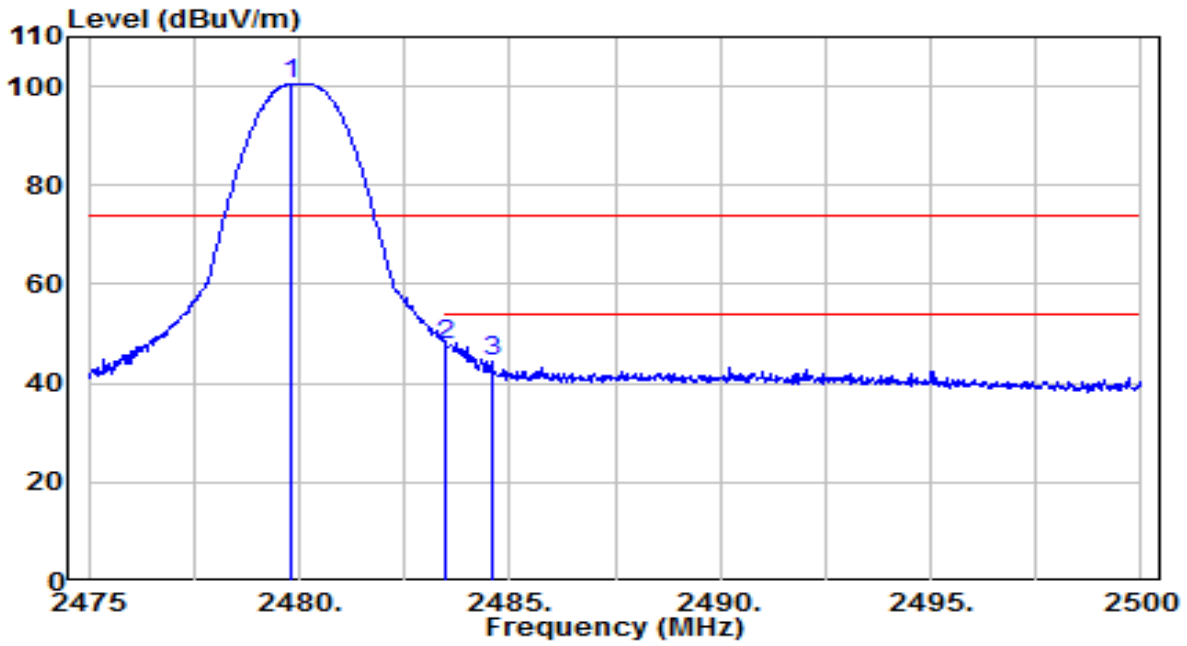


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.600	46.50	-2.03	44.46	-29.54	74.00	145	225	Peak
2		2390.000	45.93	-2.03	43.90	-30.10	74.00	145	225	Peak
3		2402.300	101.35	-1.99	99.36	N/A	N/A	145	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 39	Test Voltage	By Notebook PC

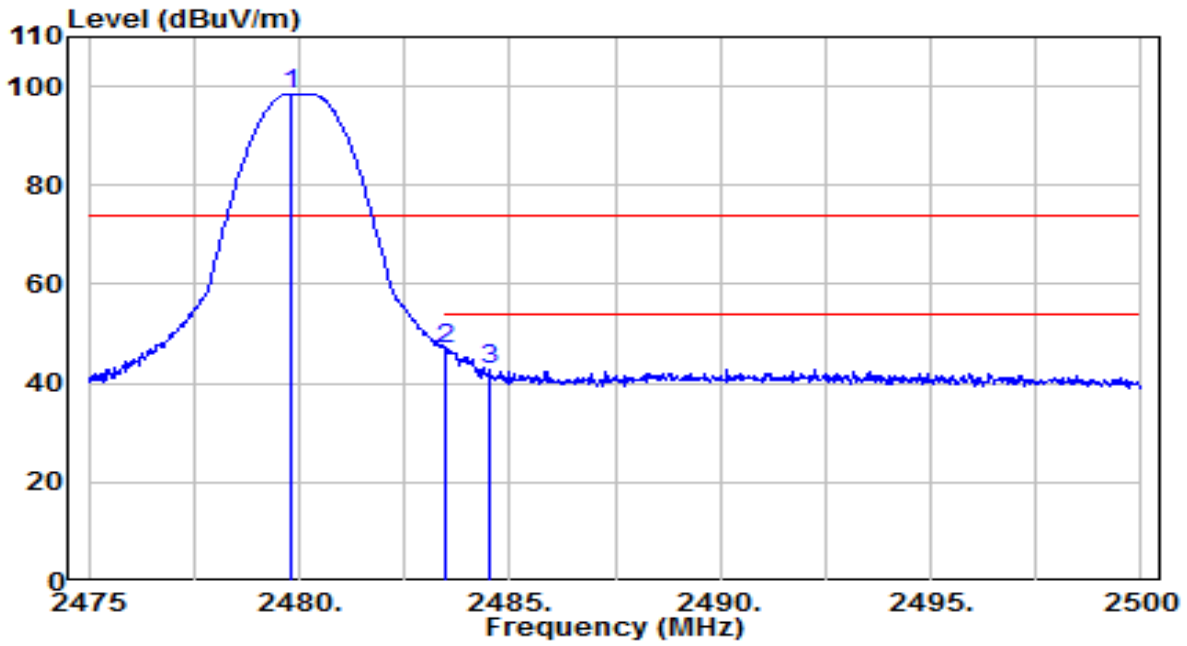


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.775	102.11	-1.74	100.36	N/A	N/A	155	320	Peak
2	*	2483.500	49.67	-1.73	47.94	-26.06	74.00	155	320	Peak
3		2484.575	46.01	-1.73	44.28	-29.72	74.00	155	320	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_1Mbps_CH 39	Test Voltage	By Notebook PC

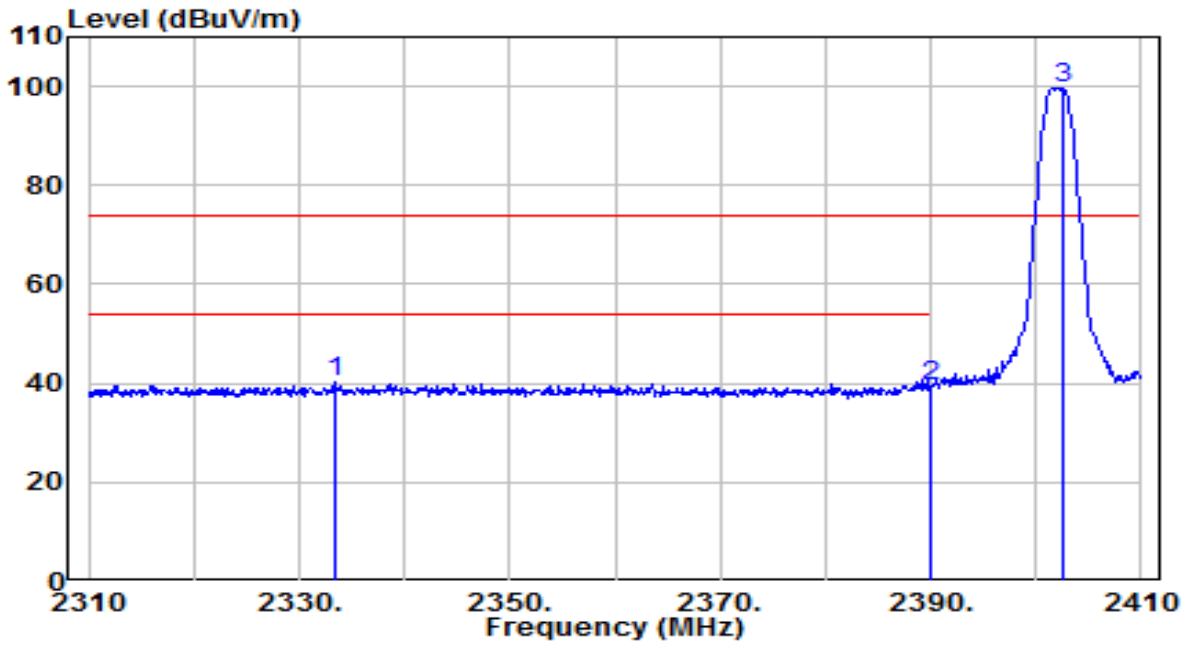


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.775	100.28	-1.74	98.53	N/A	N/A	140	225	Peak
2	*	2483.500	48.84	-1.73	47.11	-26.89	74.00	140	225	Peak
3		2484.550	44.48	-1.73	42.75	-31.25	74.00	140	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0	Test Voltage	By Notebook PC

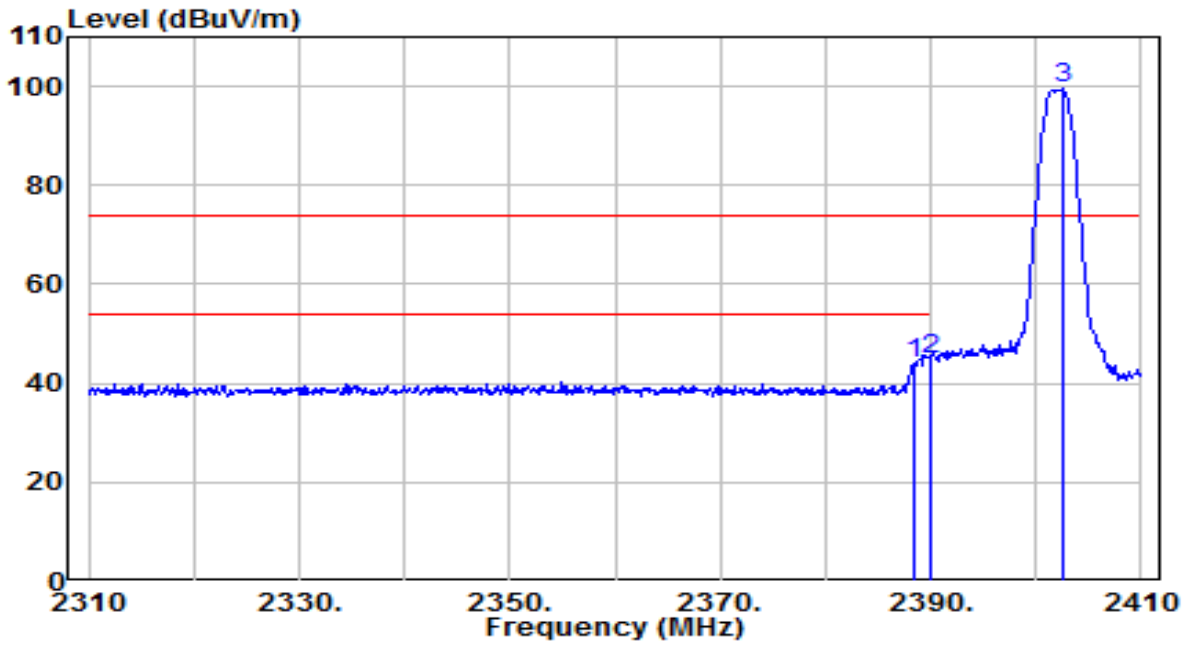


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2333.300	42.27	-2.21	40.07	-33.93	74.00	110	325	Peak
2		2390.000	41.58	-2.03	39.55	-34.45	74.00	110	325	Peak
3		2402.600	101.60	-1.99	99.61	N/A	N/A	110	325	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0	Test Voltage	By Notebook PC

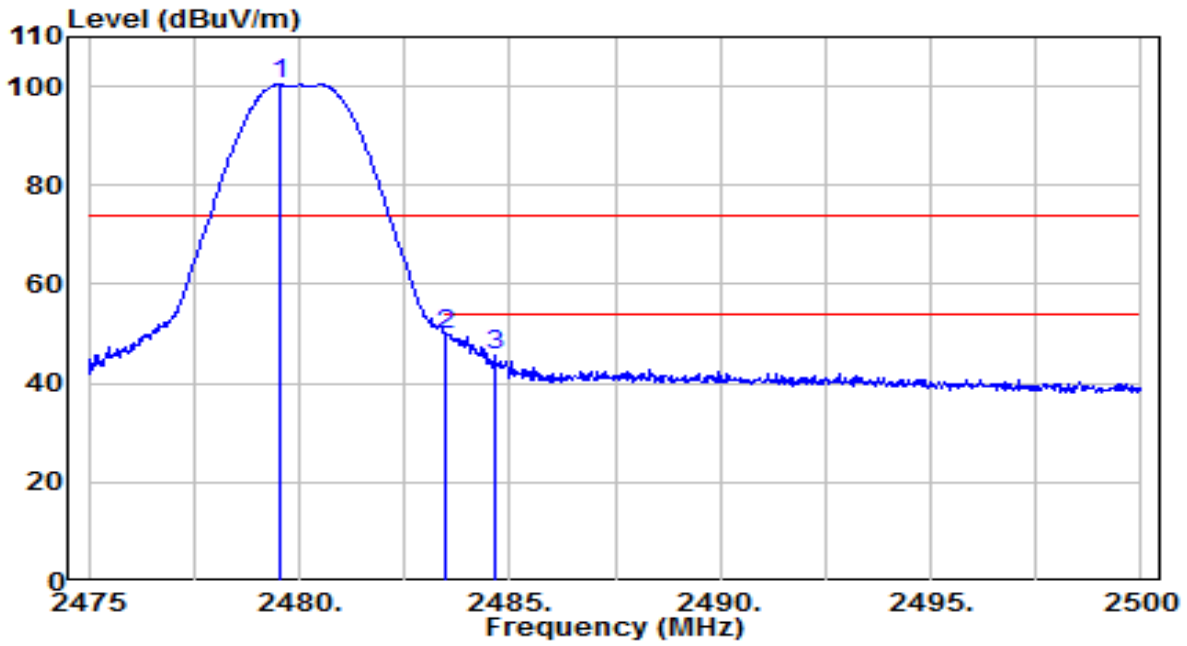


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.400	45.98	-2.03	43.95	-30.05	74.00	145	225	Peak
2	*	2390.000	46.84	-2.03	44.82	-29.18	74.00	145	225	Peak
3		2402.600	101.40	-1.99	99.42	N/A	N/A	145	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 39	Test Voltage	By Notebook PC

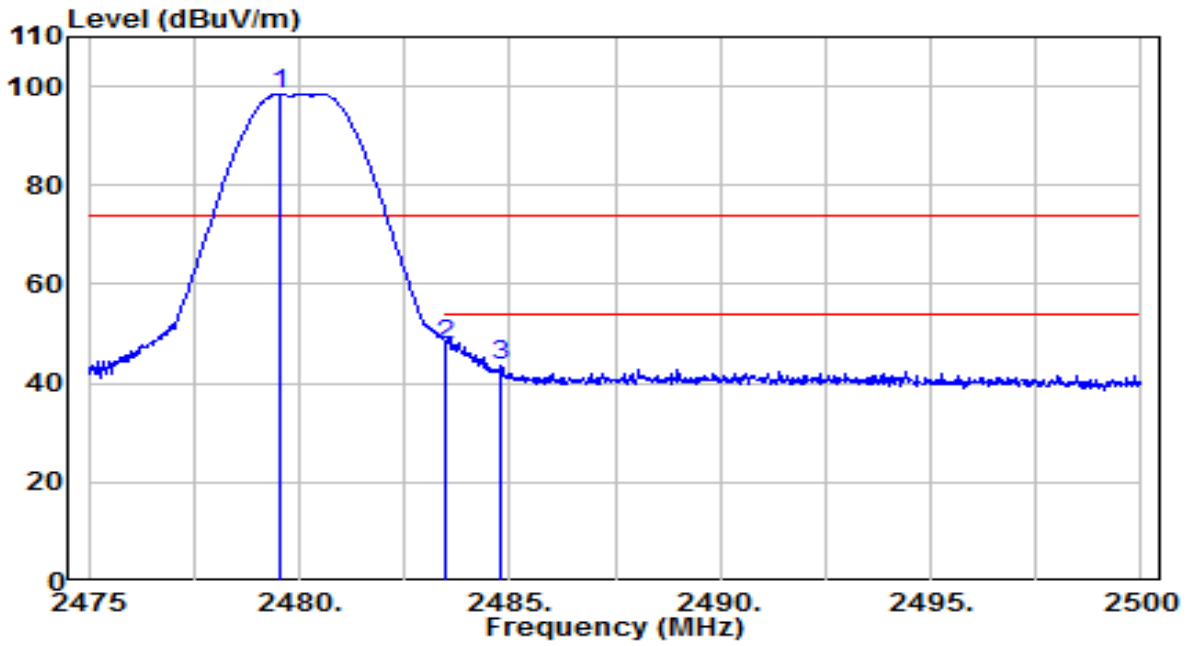


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.525	102.09	-1.74	100.35	N/A	N/A	155	320	Peak
2	*	2483.500	51.41	-1.73	49.68	-24.32	74.00	155	320	Peak
3		2484.625	47.28	-1.73	45.55	-28.45	74.00	155	320	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 39	Test Voltage	By Notebook PC

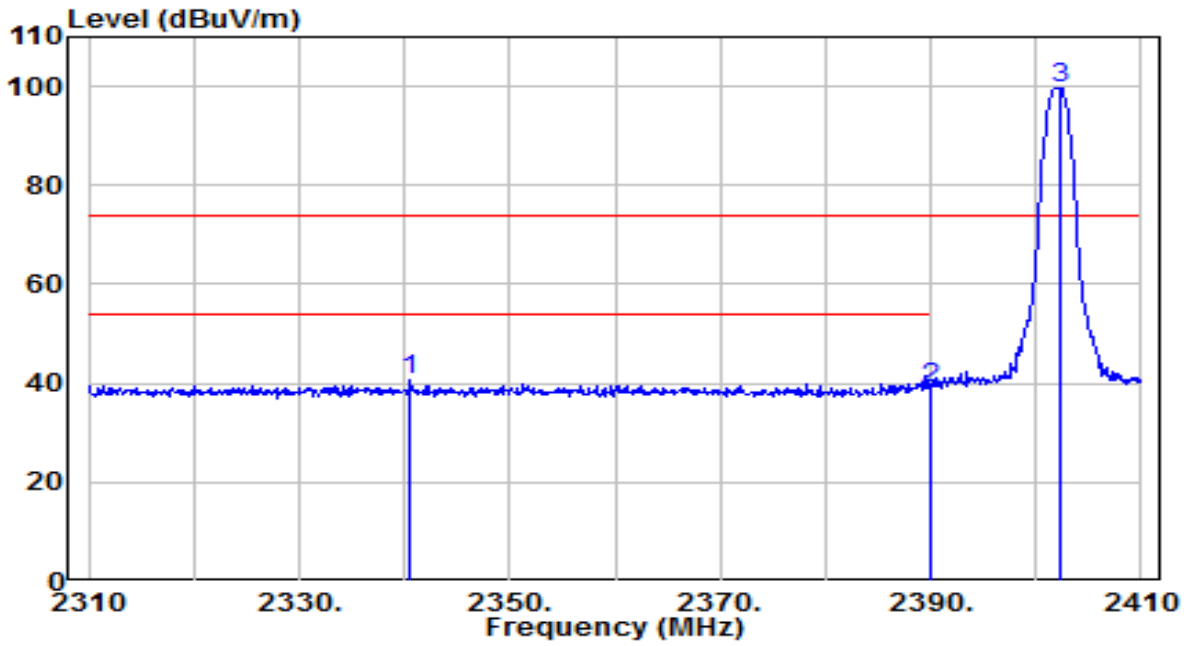


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.525	100.27	-1.74	98.52	N/A	N/A	140	225	Peak
2	*	2483.500	49.67	-1.73	47.94	-26.06	74.00	140	225	Peak
3		2484.775	45.16	-1.73	43.44	-30.56	74.00	140	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 0	Test Voltage	By Notebook PC

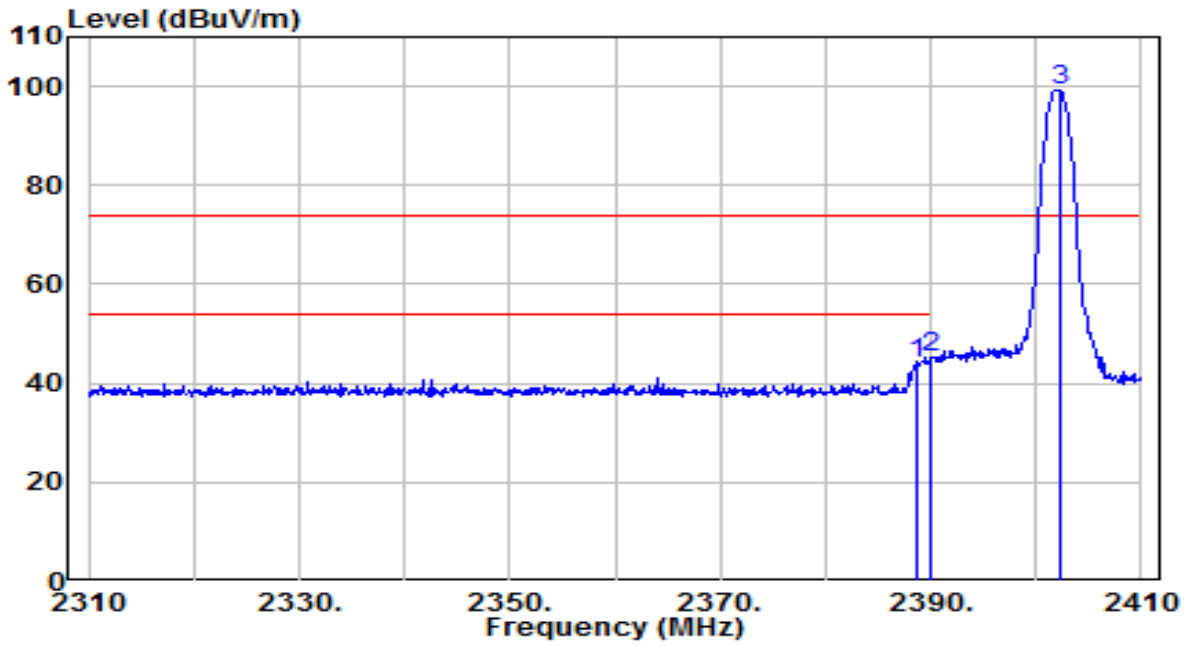


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2340.600	42.66	-2.18	40.47	-33.53	74.00	110	325	Peak
2		2390.000	41.23	-2.03	39.20	-34.80	74.00	110	325	Peak
3		2402.200	101.72	-1.99	99.73	N/A	N/A	110	325	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 0	Test Voltage	By Notebook PC

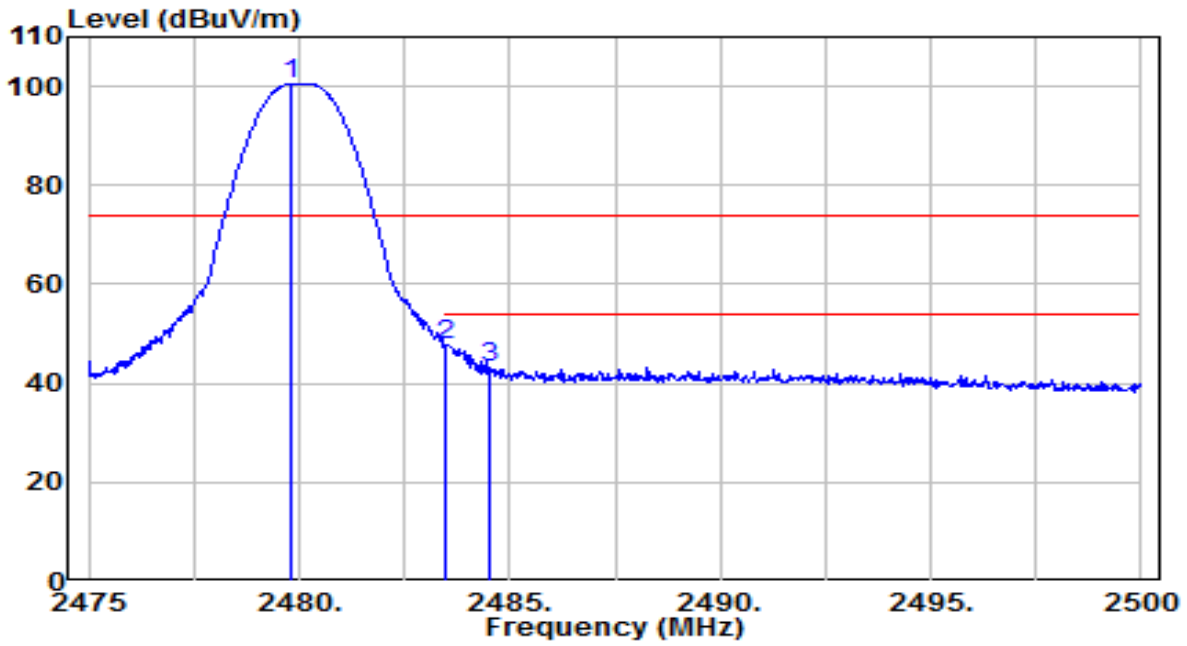


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.600	46.14	-2.03	44.11	-29.89	74.00	145	225	Peak
2	*	2390.000	47.12	-2.03	45.09	-28.91	74.00	145	225	Peak
3		2402.300	101.10	-1.99	99.11	N/A	N/A	145	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 39	Test Voltage	By Notebook PC

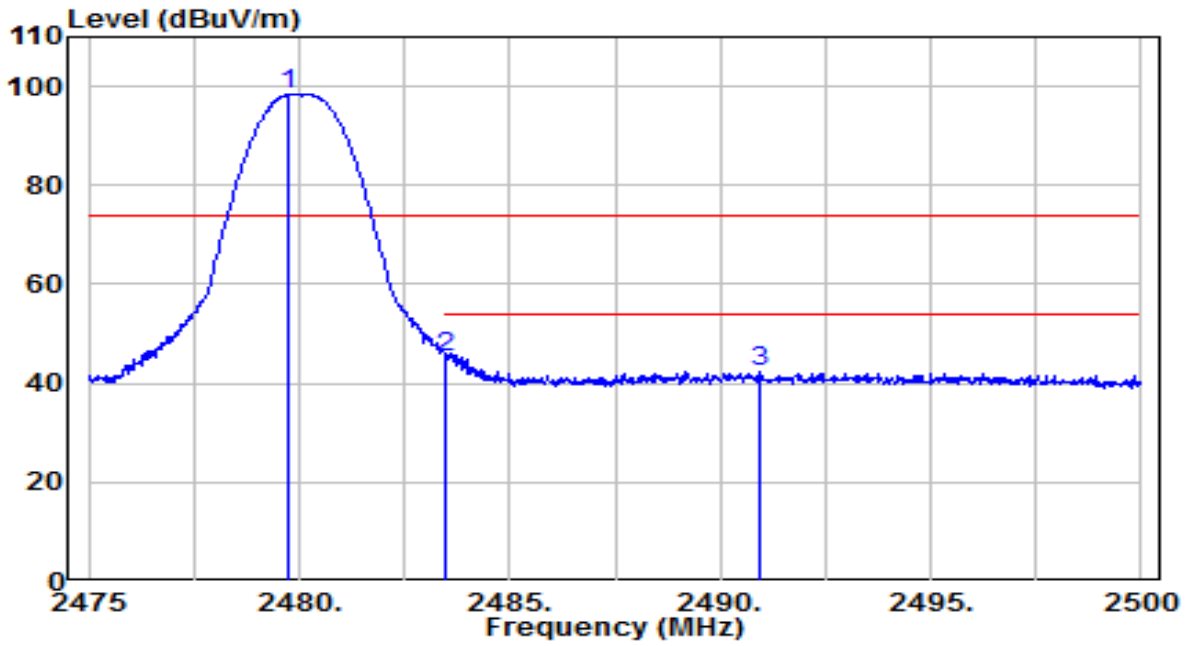


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.800	102.18	-1.74	100.44	N/A	N/A	155	320	Peak
2	*	2483.500	49.58	-1.73	47.85	-26.15	74.00	155	320	Peak
3		2484.500	45.02	-1.73	43.29	-30.71	74.00	155	320	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S2_CH 39	Test Voltage	By Notebook PC

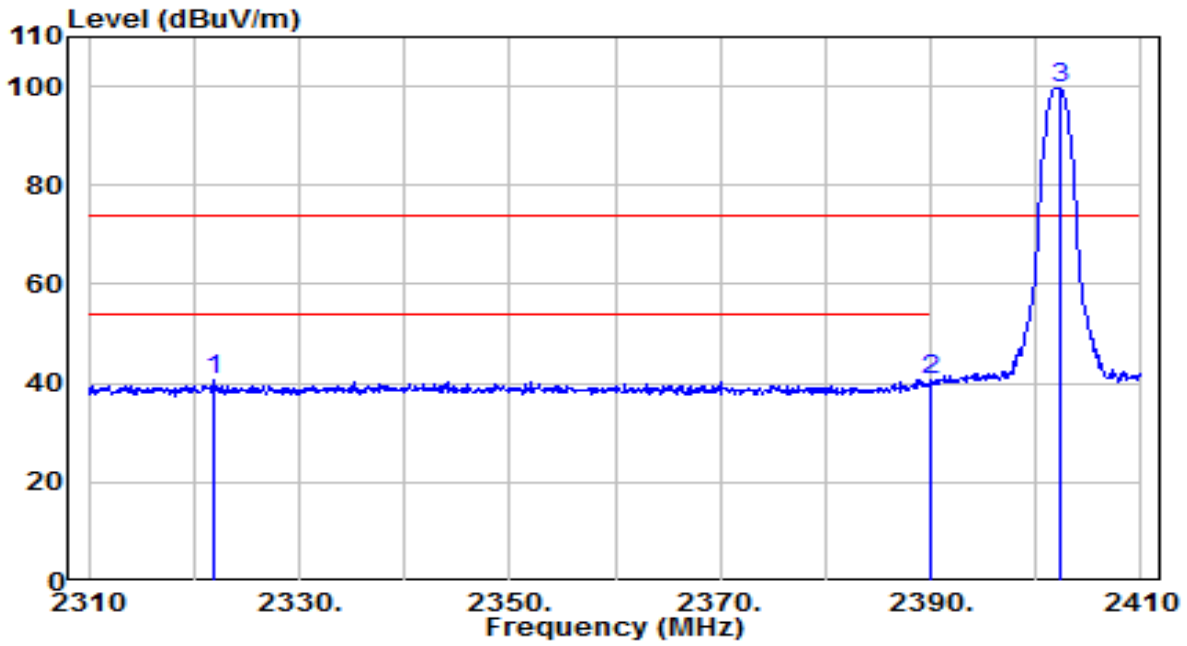


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.750	100.10	-1.74	98.35	N/A	N/A	140	225	Peak
2	*	2483.500	46.99	-1.73	45.26	-28.74	74.00	140	225	Peak
3		2490.950	44.16	-1.71	42.46	-31.54	74.00	140	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 0	Test Voltage	By Notebook PC

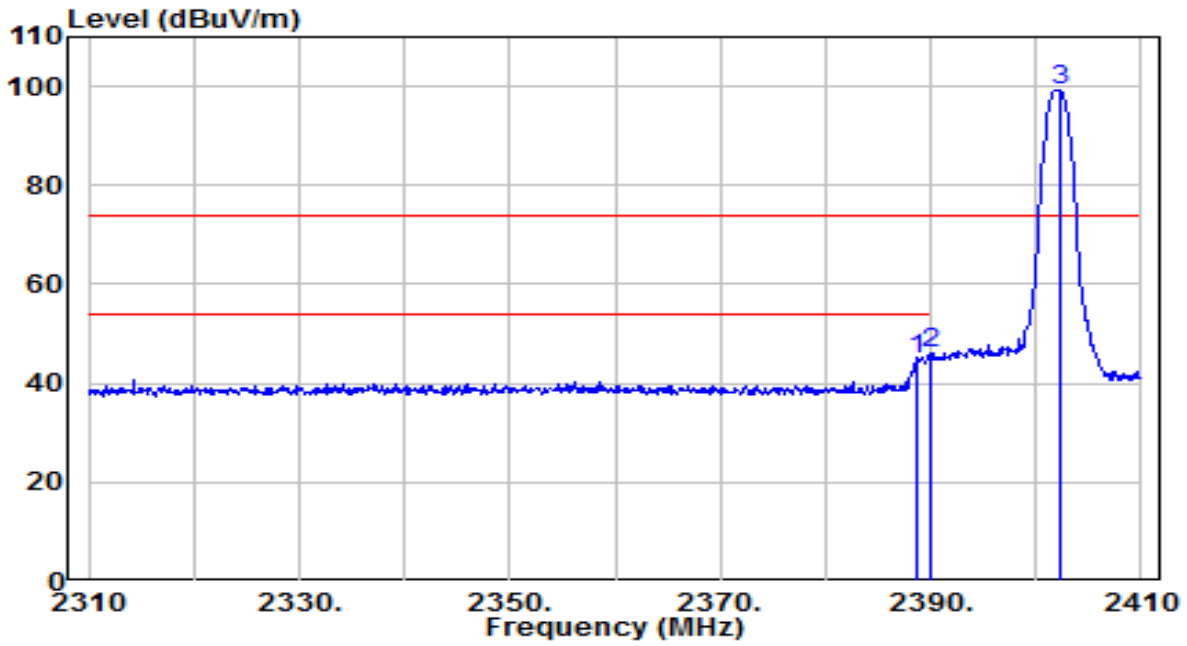


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2321.800	42.82	-2.24	40.58	-33.42	74.00	110	325	Peak
2	*	2390.000	42.79	-2.03	40.76	-33.24	74.00	110	325	Peak
3		2402.300	101.66	-1.99	99.67	N/A	N/A	110	325	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 0	Test Voltage	By Notebook PC

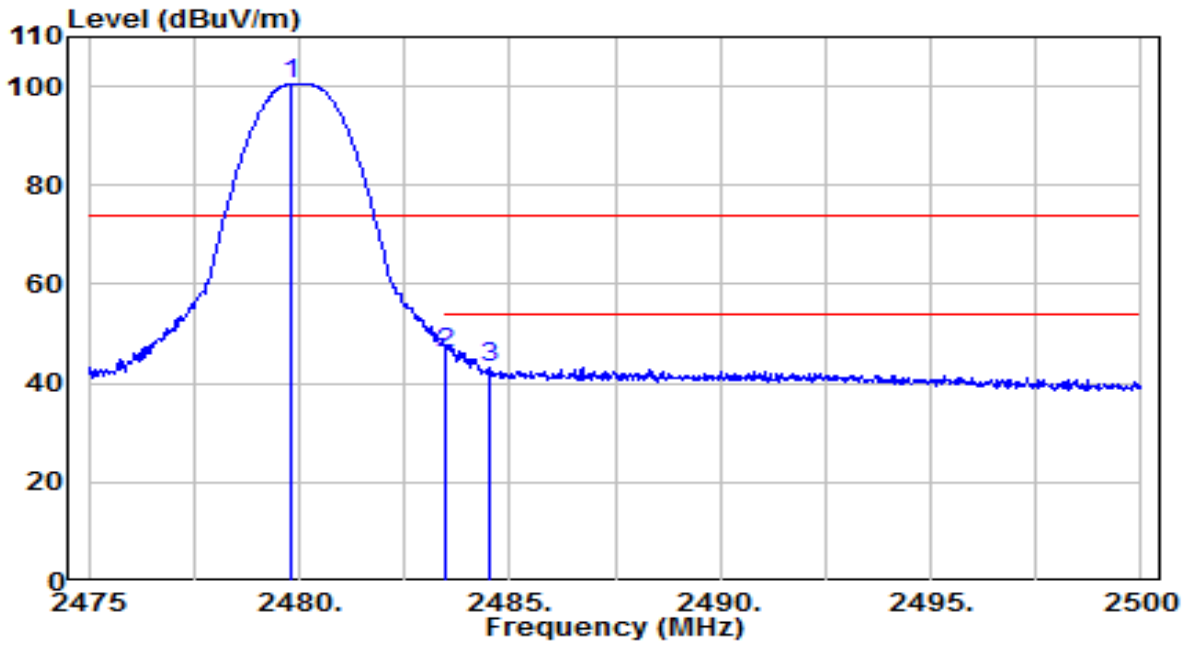


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.600	46.91	-2.03	44.88	-29.12	74.00	145	225	Peak
2	*	2390.000	47.96	-2.03	45.93	-28.07	74.00	145	225	Peak
3		2402.300	101.16	-1.99	99.17	N/A	N/A	145	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 39	Test Voltage	By Notebook PC

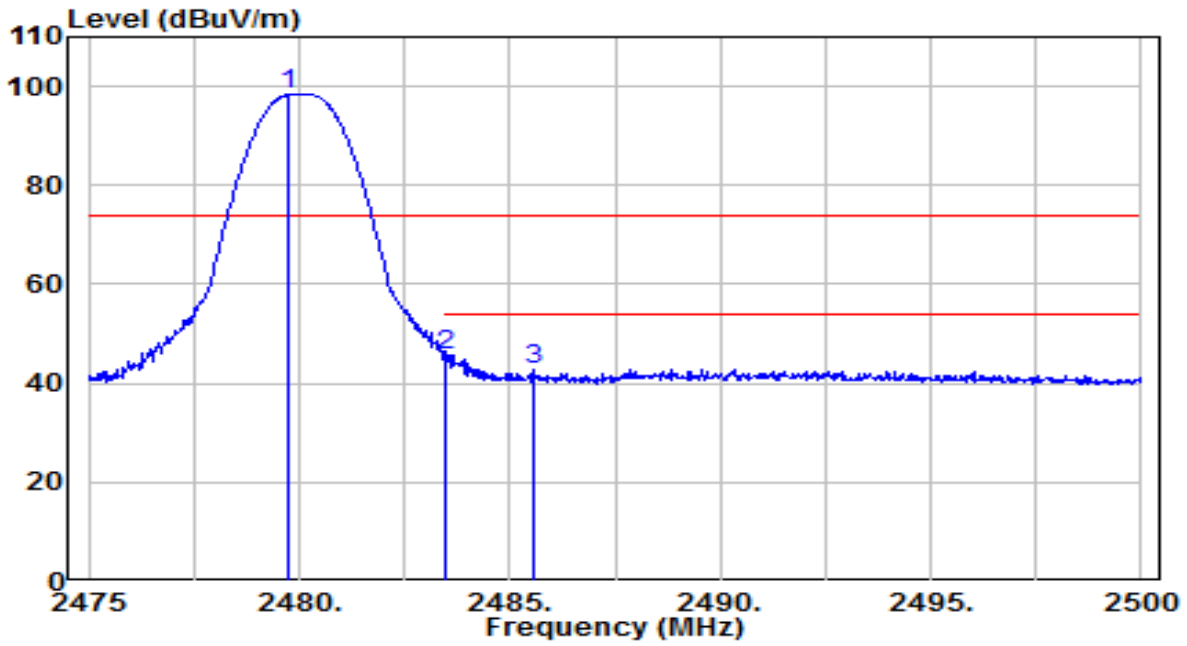


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.800	102.10	-1.74	100.36	N/A	N/A	155	320	Peak
2	*	2483.500	47.65	-1.73	45.91	-28.09	74.00	155	320	Peak
3		2484.525	44.80	-1.73	43.07	-30.93	74.00	155	320	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-06-25
Factor	BBHA 9120D	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_S8_CH 39	Test Voltage	By Notebook PC

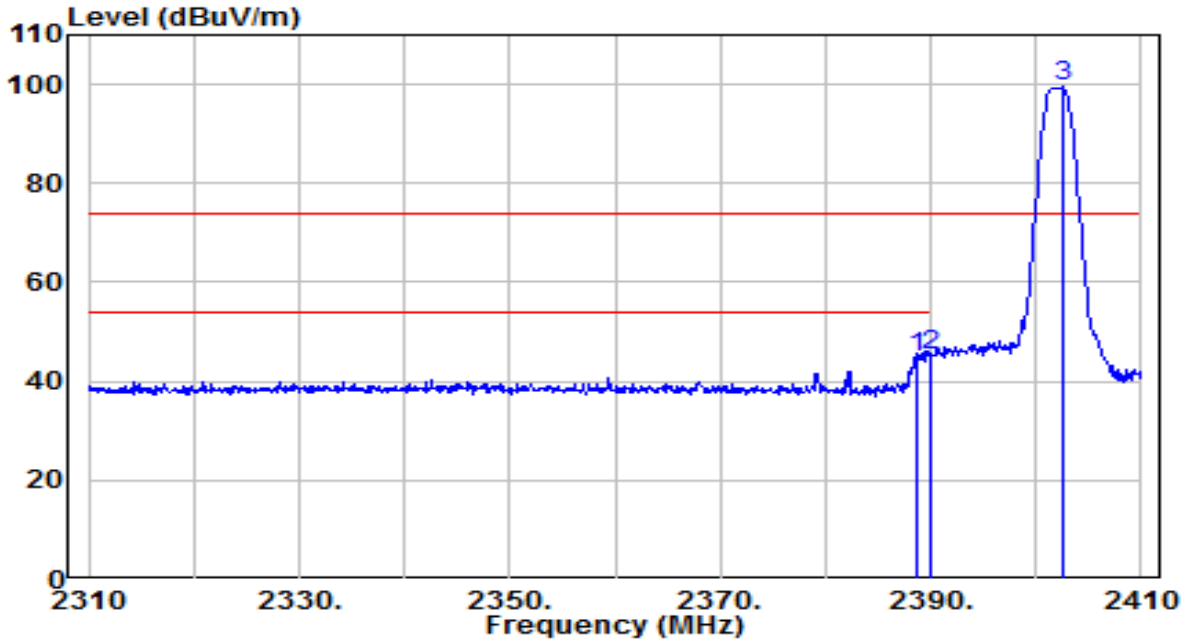


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.750	100.07	-1.74	98.33	N/A	N/A	140	225	Peak
2	*	2483.500	47.30	-1.73	45.57	-28.43	74.00	140	225	Peak
3		2485.550	44.56	-1.73	42.83	-31.17	74.00	140	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-07-20
Factor	BBHA 9120D	Temp. / Humidity	25°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0_ verify for S0703	Test Voltage	By Notebook PC

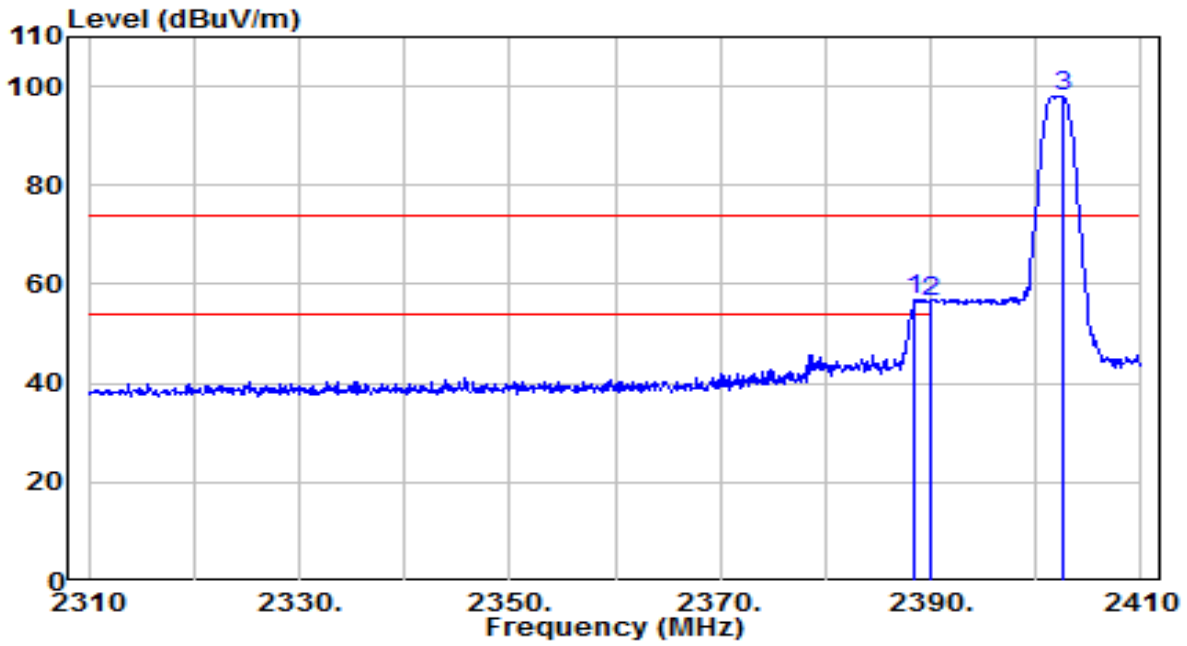


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.600	46.93	-2.03	44.90	-29.10	74.00	140	185	Peak
2	*	2390.000	47.07	-2.03	45.04	-28.96	74.00	140	185	Peak
3		2402.600	101.45	-1.99	99.46	N/A	N/A	140	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-07-20
Factor	BBHA 9120D	Temp. / Humidity	25°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0_ verify for S0703	Test Voltage	By Notebook PC

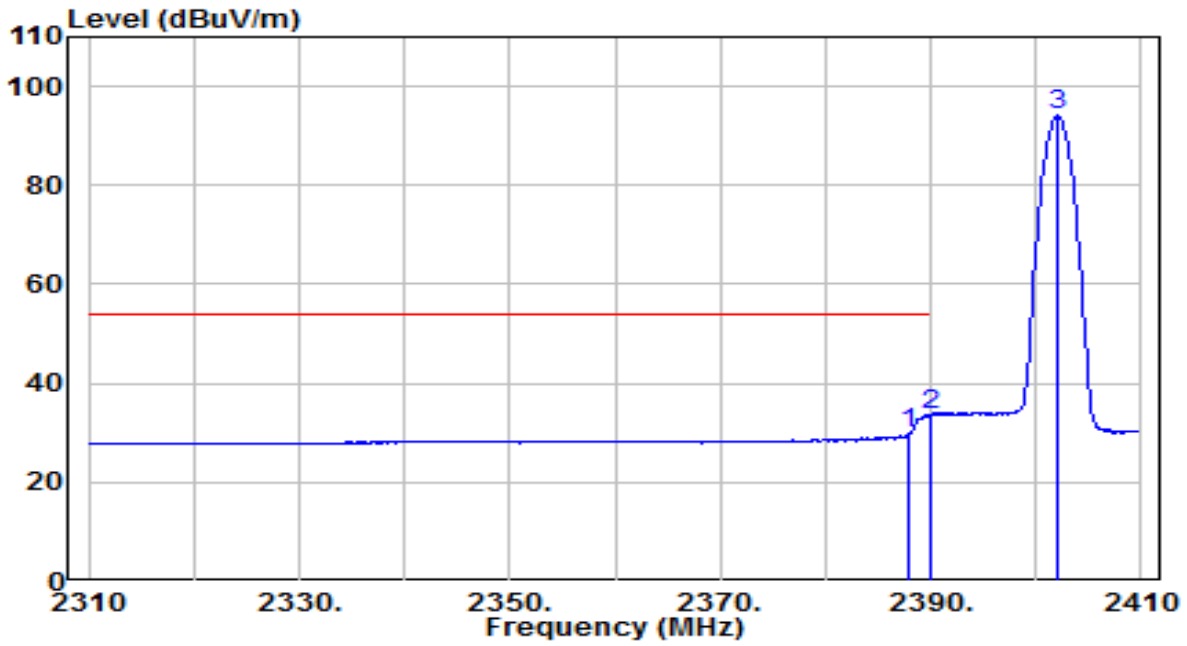


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.400	58.75	-2.03	56.72	-17.28	74.00	155	205	Peak
2		2390.000	58.55	-2.03	56.53	-17.47	74.00	155	205	Peak
3		2402.600	100.07	-1.99	98.08	N/A	N/A	155	205	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-07-20
Factor	BBHA 9120D	Temp. / Humidity	25°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0_ verify for S0703	Test Voltage	By Notebook PC

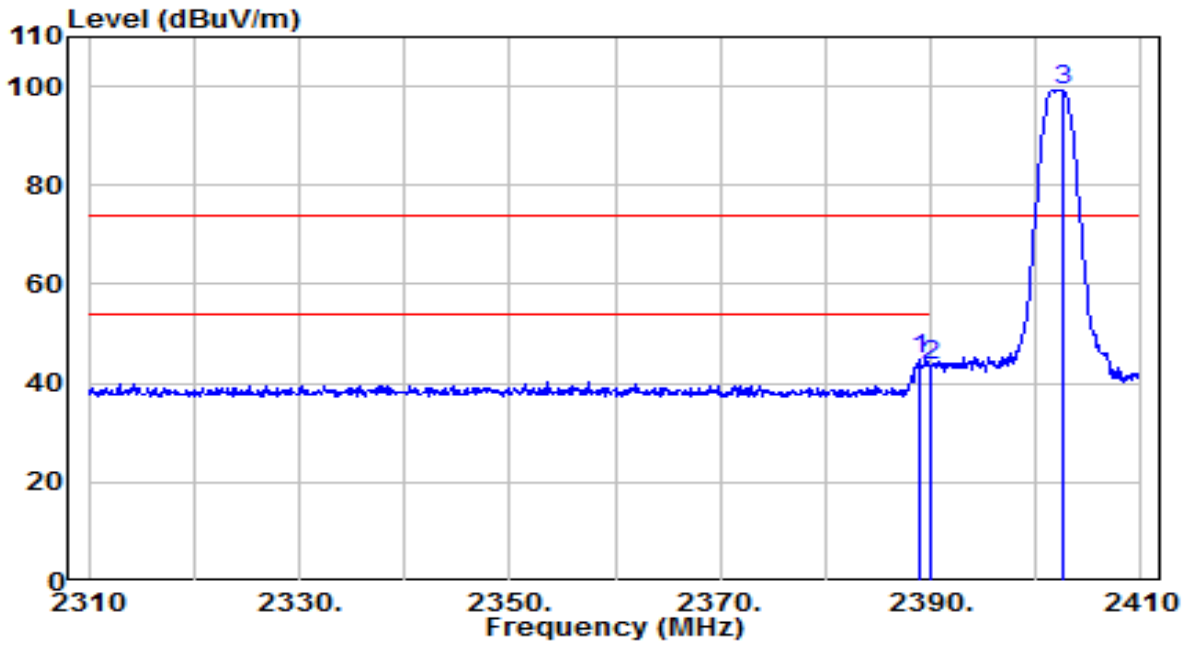


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.000	31.93	-2.03	29.90	-24.10	54.00	155	205	Average
2	*	2390.000	35.55	-2.03	33.52	-20.48	54.00	155	205	Average
3		2402.100	96.02	-1.99	94.03	N/A	N/A	155	205	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-07-20
Factor	BBHA 9120D	Temp. / Humidity	25°C /62%
Polarity	Horizontal	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0_ verify for S0803	Test Voltage	By Notebook PC

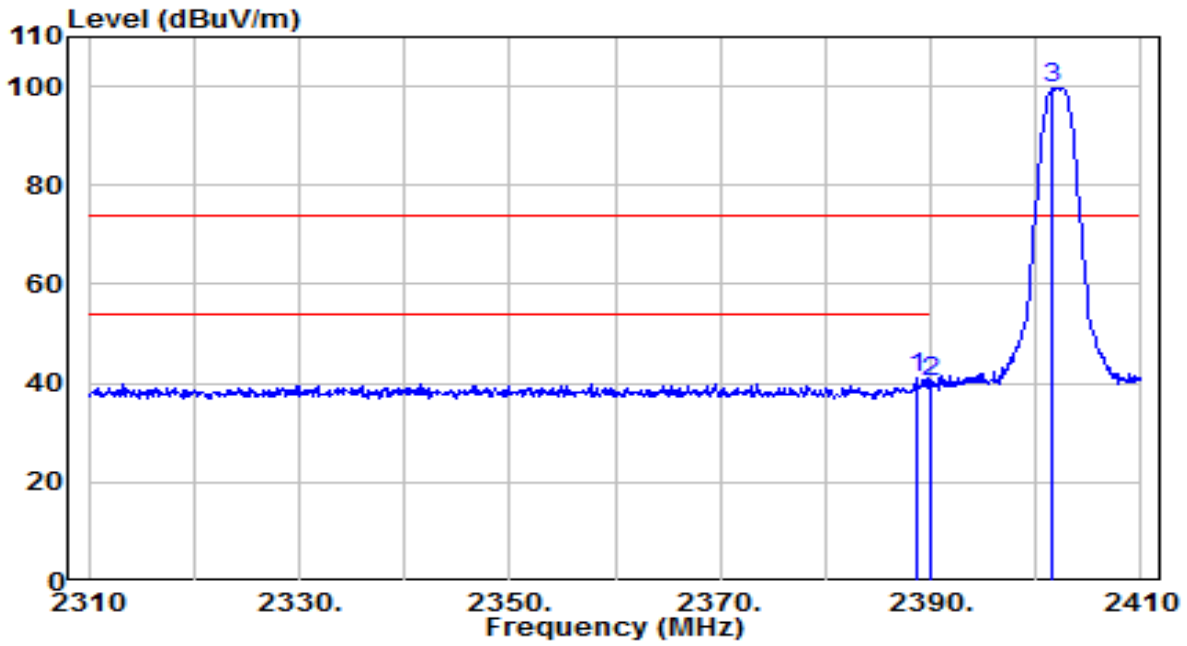


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.900	47.05	-2.03	45.02	-28.98	74.00	125	185	Peak
2		2390.000	45.60	-2.03	43.58	-30.42	74.00	125	185	Peak
3		2402.600	101.34	-1.99	99.35	N/A	N/A	125	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Mobile Computer	Date of Test	2024-07-20
Factor	BBHA 9120D	Temp. / Humidity	25°C /62%
Polarity	Vertical	Site / Test Engineer	AC1 / Todd
Test Mode	BLE_TX_2Mbps_CH 0_ verify for S0803	Test Voltage	By Notebook PC



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.600	42.93	-2.03	40.90	-33.10	74.00	155	225	Peak
2		2390.000	42.40	-2.03	40.38	-33.62	74.00	155	225	Peak
3		2401.600	101.60	-1.99	99.61	N/A	N/A	155	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8. AC Conducted Emissions Measurement

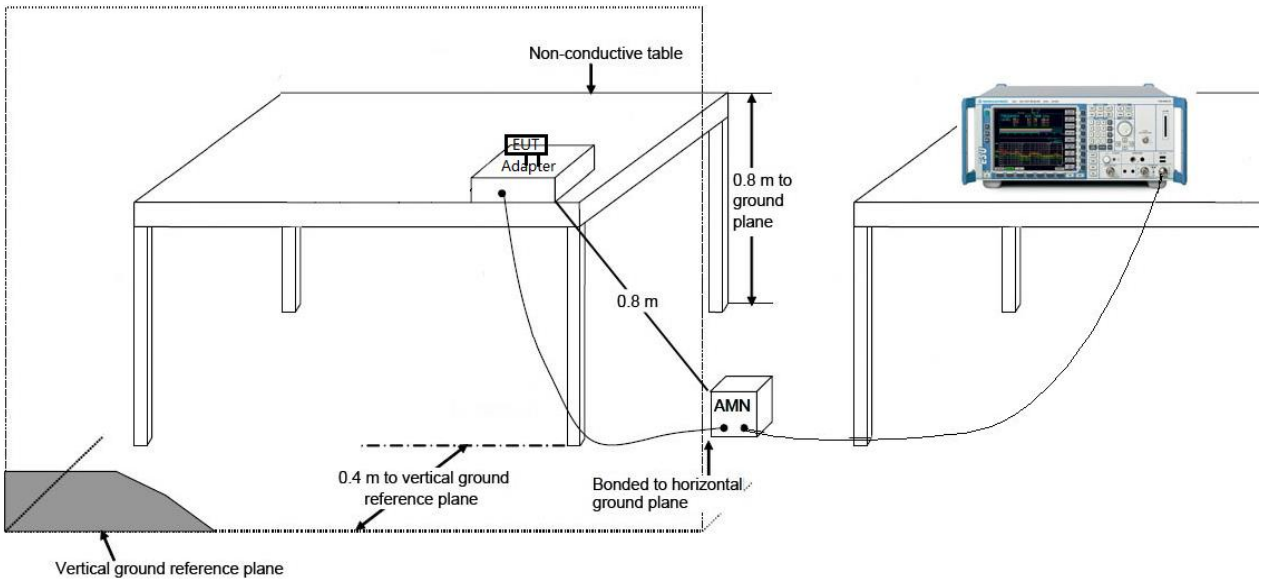
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

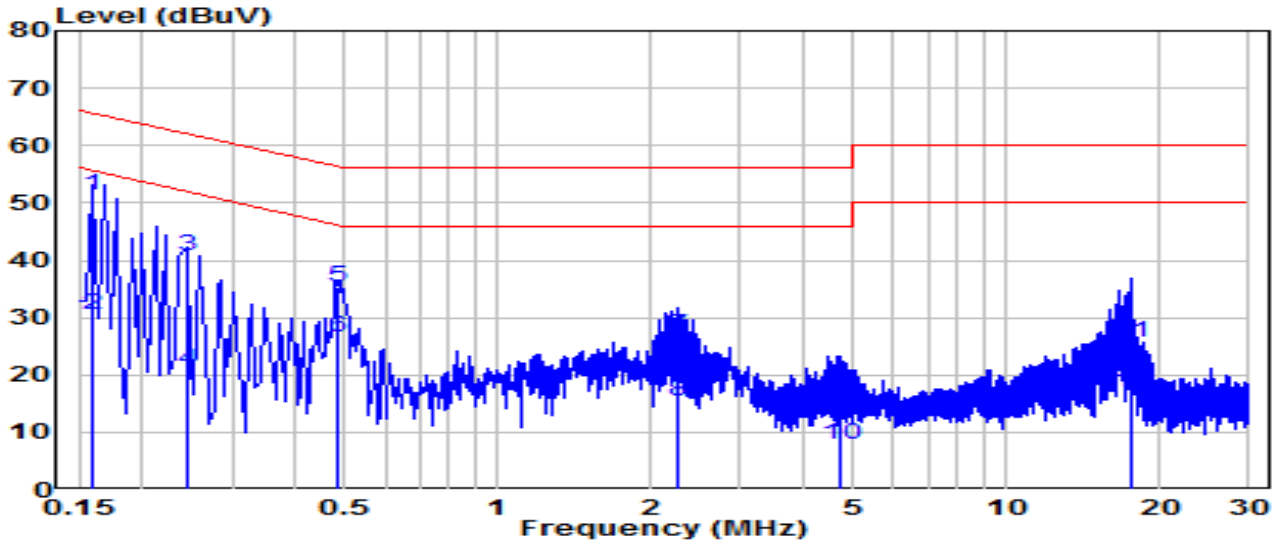
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	Mobile Computer	Date of Test	2024-06-21
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.7°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Will
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.159	41.78	9.63	51.41	-14.11	65.52	QP
2	*	0.159	21.01	9.63	30.64	-24.88	55.52	Average
3		0.244	31.22	9.64	40.85	-21.09	61.94	QP
4		0.244	11.10	9.64	20.74	-31.20	51.94	Average
5		0.483	25.80	9.65	35.45	-20.83	56.29	QP
6		0.483	16.78	9.65	26.43	-19.86	46.29	Average
7		2.269	17.13	9.70	26.84	-29.16	56.00	QP
8		2.269	5.64	9.70	15.34	-30.66	46.00	Average
9		4.744	6.07	9.74	15.81	-40.19	56.00	QP
10		4.744	-1.95	9.74	7.79	-38.21	46.00	Average
11		17.532	15.70	9.92	25.62	-34.38	60.00	QP
12		17.532	6.86	9.92	16.78	-33.22	50.00	Average

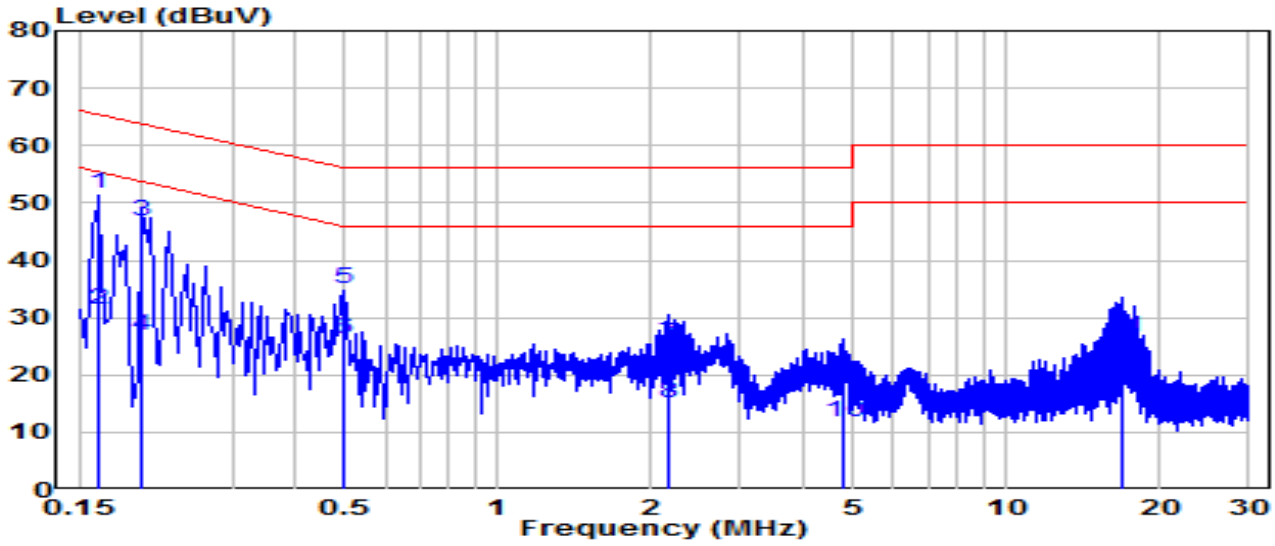
Note:

1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Mobile Computer	Date of Test	2024-06-21
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.7°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Will
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	AC 120V/60Hz

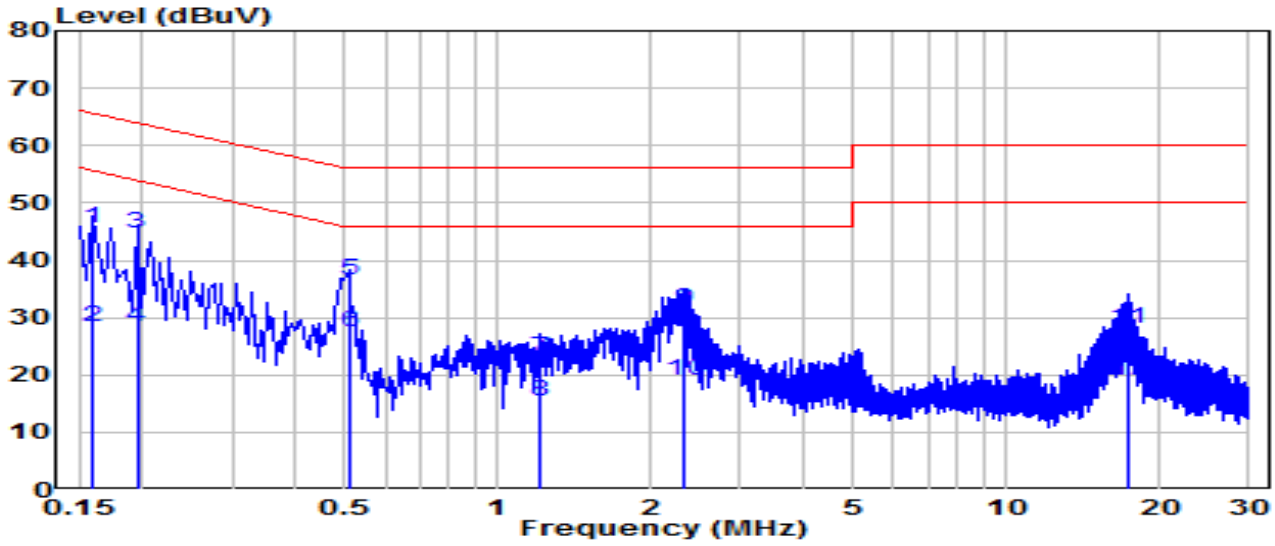


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.163	41.85	9.63	51.48	-13.80	65.28	QP
2	*	0.163	21.69	9.63	31.32	-23.96	55.28	Average
3		0.199	37.15	9.63	46.78	-16.85	63.63	QP
4		0.199	17.34	9.63	26.97	-26.66	53.63	Average
5		0.496	25.50	9.65	35.15	-20.91	56.06	QP
6		0.496	16.53	9.65	26.18	-19.88	46.06	Average
7		2.175	15.58	9.71	25.29	-30.71	56.00	QP
8		2.175	5.47	9.71	15.19	-30.81	46.00	Average
9		4.753	8.51	9.75	18.27	-37.73	56.00	QP
10		4.753	2.07	9.75	11.82	-34.18	46.00	Average
11		16.947	16.54	9.96	26.50	-33.50	60.00	QP
12		16.947	8.33	9.96	18.29	-31.71	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Mobile Computer	Date of Test	2024-06-21
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.7°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Will
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	AC 240V/60Hz

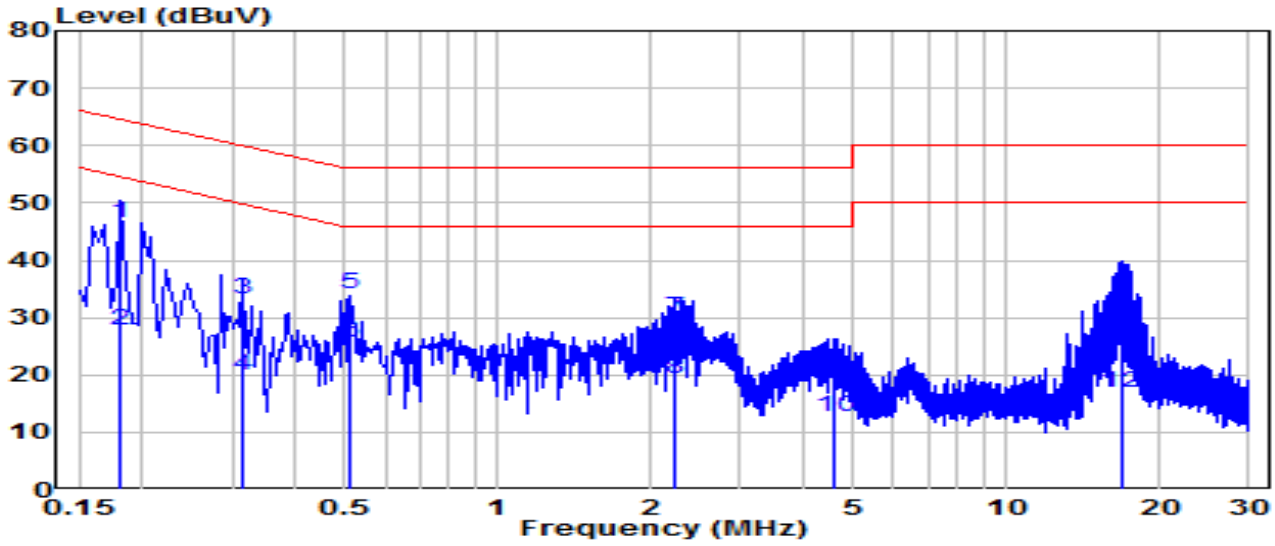


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	35.93	9.63	45.57	-19.95	65.52	QP
2		0.159	18.77	9.63	28.40	-27.12	55.52	Average
3		0.195	34.98	9.63	44.61	-19.21	63.82	QP
4		0.195	18.84	9.63	28.48	-25.35	53.82	Average
5	*	0.510	26.75	9.65	36.40	-19.60	56.00	QP
6	*	0.510	17.92	9.65	27.57	-18.43	46.00	Average
7		1.216	13.14	9.68	22.83	-33.17	56.00	QP
8		1.216	5.68	9.68	15.37	-30.63	46.00	Average
9		2.319	21.57	9.70	31.28	-24.72	56.00	QP
10		2.319	9.45	9.70	19.15	-26.85	46.00	Average
11		17.338	18.20	9.92	28.12	-31.88	60.00	QP
12		17.338	9.25	9.92	19.17	-30.83	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Mobile Computer	Date of Test	2024-06-21
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.7°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Will
Test Mode	BLE_TX_1Mbps_CH 19	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.181	36.88	9.63	46.52	-17.90	64.42	QP
2	*	0.181	18.16	9.63	27.79	-26.62	54.42	Average
3		0.316	23.59	9.64	33.23	-26.57	59.80	QP
4		0.316	10.26	9.64	19.90	-29.90	49.80	Average
5		0.514	24.47	9.65	34.13	-21.87	56.00	QP
6		0.514	16.13	9.65	25.79	-20.21	46.00	Average
7		2.238	20.08	9.71	29.79	-26.21	56.00	QP
8		2.238	9.59	9.71	19.30	-26.70	46.00	Average
9		4.614	9.45	9.75	19.20	-36.80	56.00	QP
10		4.614	3.07	9.75	12.82	-33.18	46.00	Average
11		16.789	15.08	9.96	25.04	-34.96	60.00	QP
12		16.789	7.06	9.96	17.02	-32.98	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Mobile Computer** is in compliance with Part 15C of the FCC Rules.

Appendix A : Test Photograph

Refer to “2405TW0107-UTfile.

Appendix B : External Photograph

Refer to “2405TW0107-UE file.

Appendix C : Internal Photograph

Refer to “2405TW0107-UI file.

The End