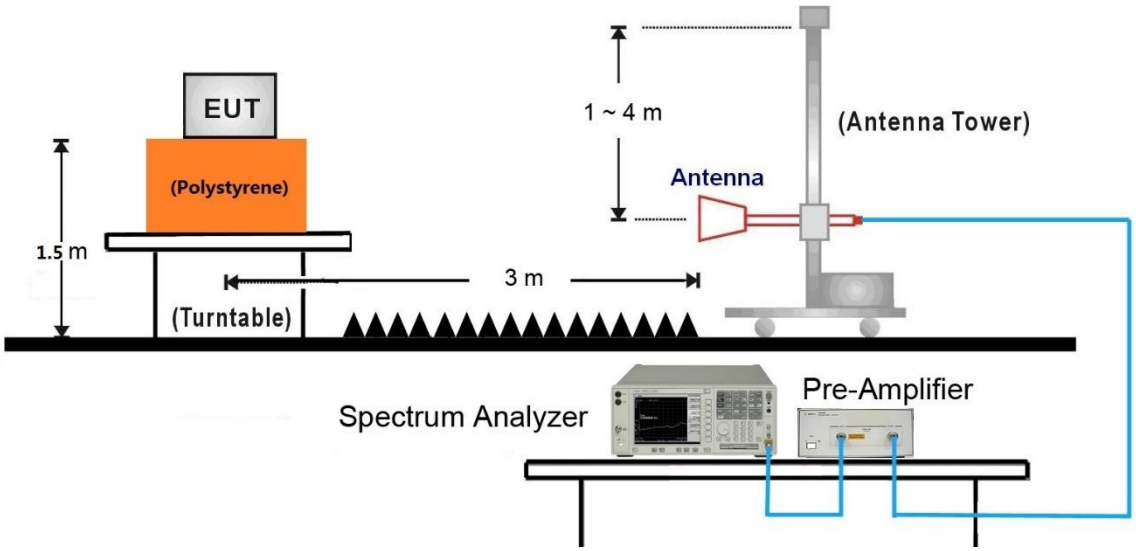
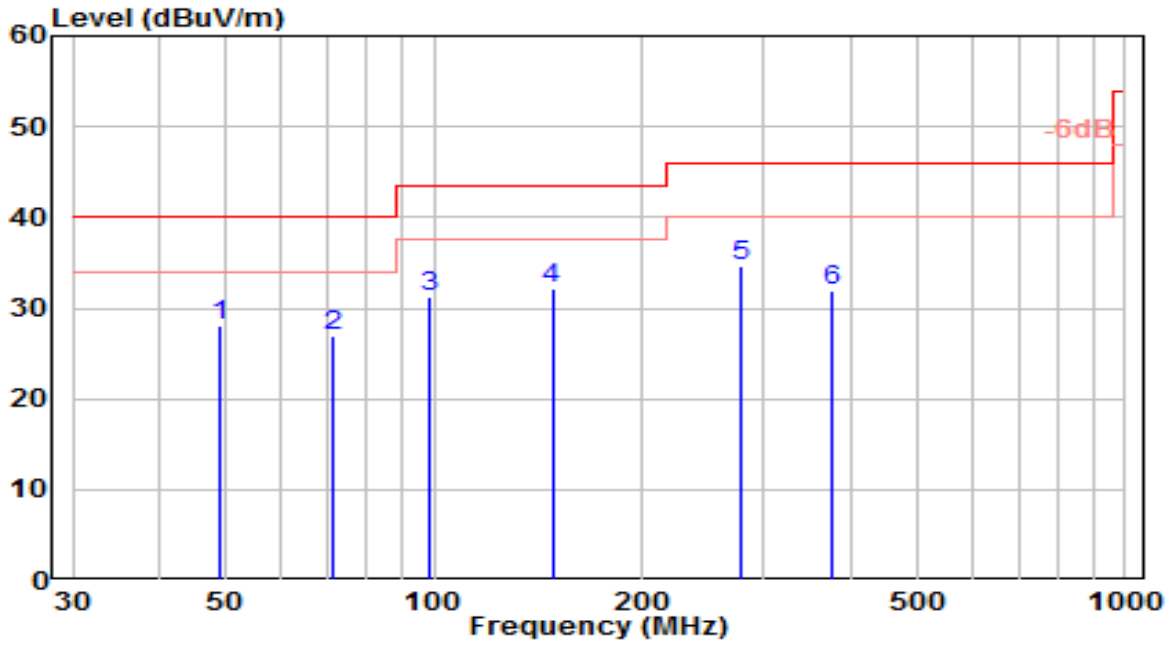
1GHz ~ 25GHz Test Setup:



7.6.5. Test Result

EUT	Mobile Computer	Date of Test	2024-06-26
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

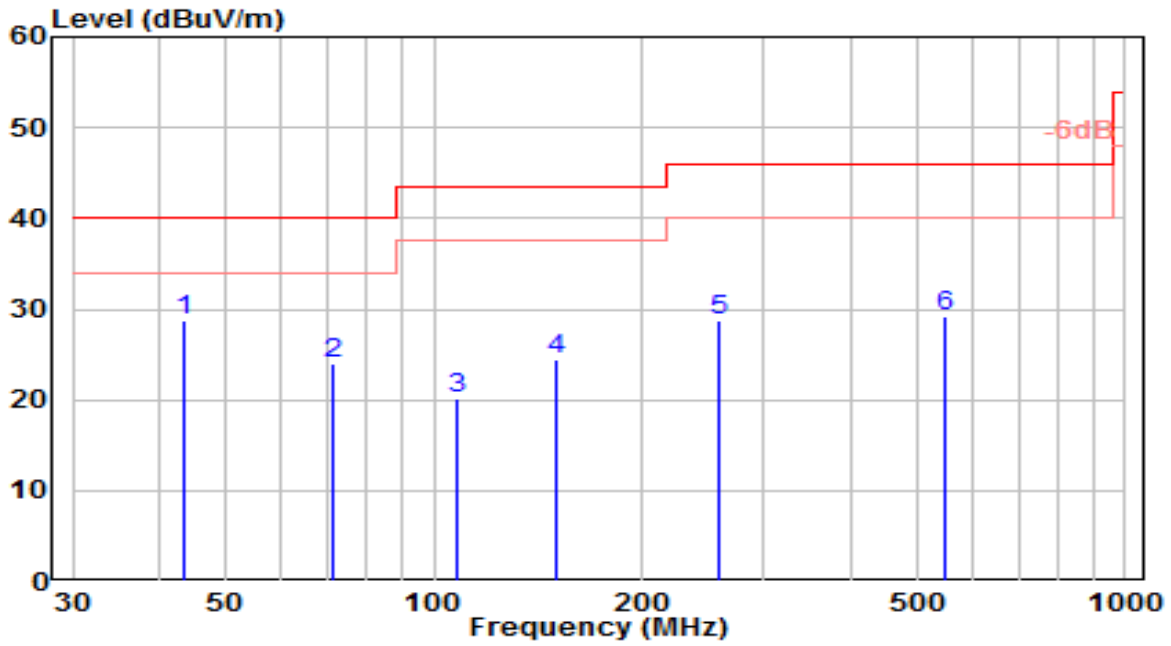


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		49.009	7.53	20.55	28.08	-11.92	40.00	150	325	QP
2		71.308	11.43	15.51	26.94	-13.06	40.00	150	180	QP
3		98.289	13.09	18.23	31.32	-12.18	43.50	150	270	QP
4	*	148.215	16.99	15.21	32.21	-11.29	43.50	150	340	QP
5		277.792	14.34	20.25	34.59	-11.41	46.00	100	5	QP
6		375.413	8.73	23.15	31.88	-14.12	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	2024-06-26
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

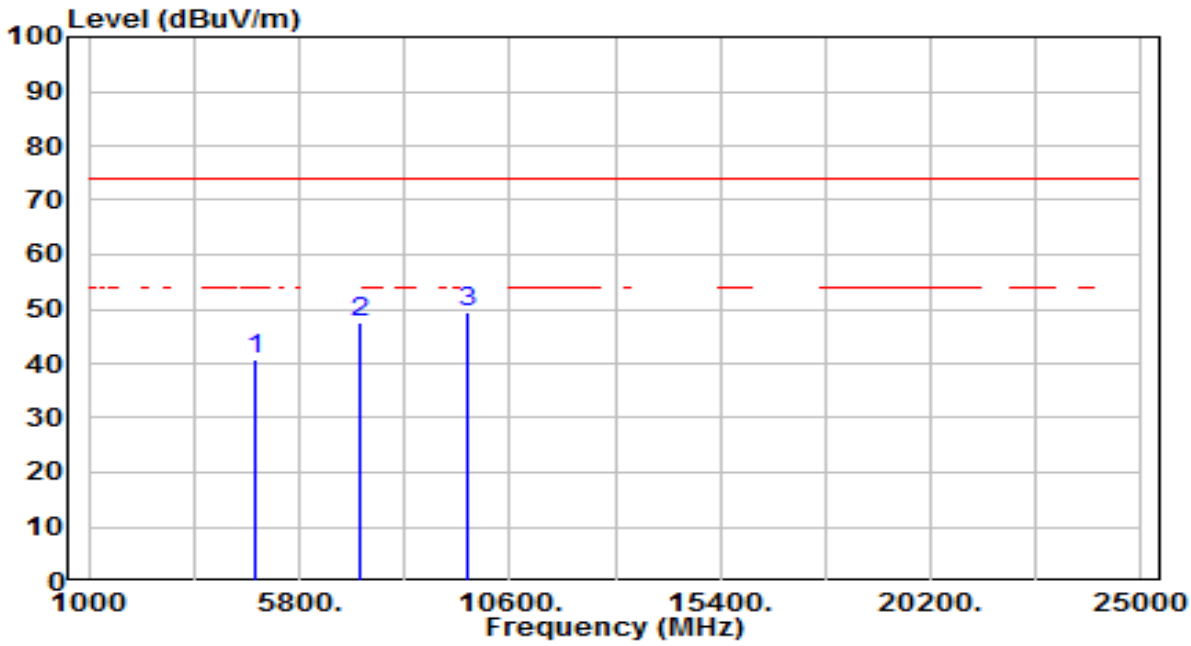


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	43.635	8.38	20.39	28.77	-11.23	40.00	150	345	QP
2		71.310	8.56	15.51	24.07	-15.93	40.00	100	105	QP
3		107.883	1.52	18.53	20.05	-23.45	43.50	100	310	QP
4		150.074	9.13	15.29	24.42	-19.08	43.50	100	235	QP
5		257.504	8.60	20.22	28.83	-17.17	46.00	150	5	QP
6		548.814	3.03	26.08	29.10	-16.90	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	2024-06-26
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

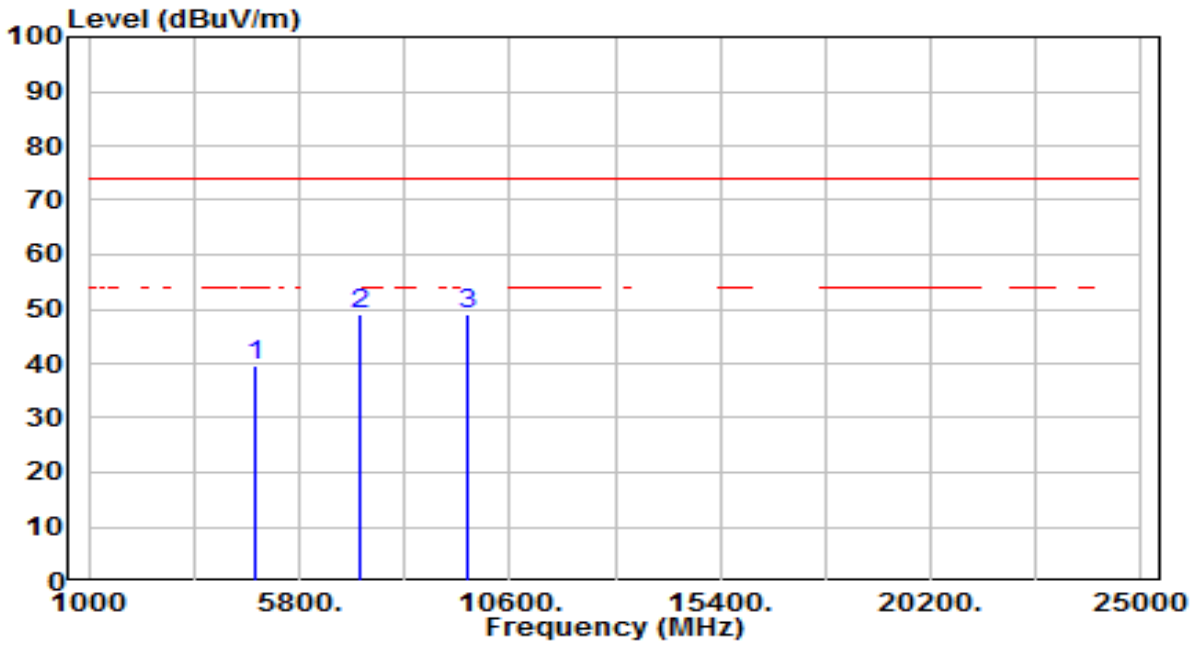


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	36.96	3.71	40.67	-33.33	74.00	100	62	Peak
2		7206.000	36.07	11.57	47.64	-26.36	74.00	100	299	Peak
3	*	9608.000	33.92	15.69	49.62	-24.38	74.00	100	123	Peak

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	2024-06-26
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

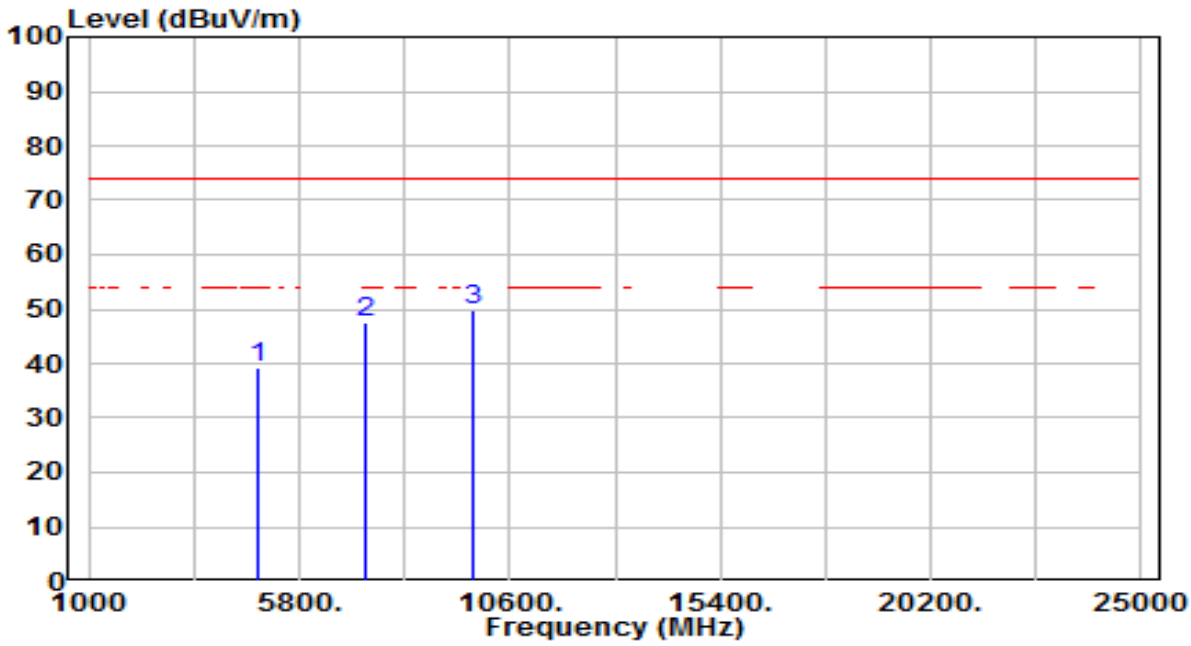


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.93	3.71	39.64	-34.36	74.00	100	232	Peak
2		7206.000	37.31	11.57	48.88	-25.12	74.00	100	221	Peak
3	*	9608.000	33.54	15.69	49.23	-24.77	74.00	100	285	Peak

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	2024-06-26
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

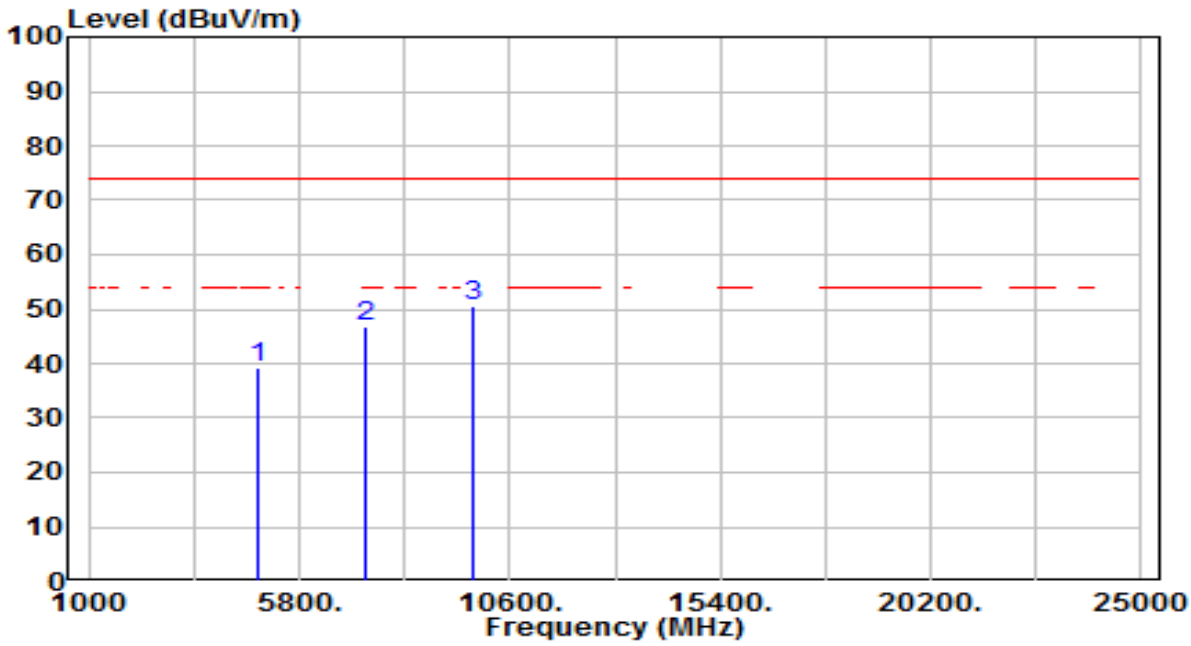


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.51	3.85	39.36	-34.64	74.00	100	69	Peak
2		7320.000	35.75	11.97	47.72	-26.28	74.00	100	289	Peak
3	*	9760.000	33.77	15.98	49.74	-24.26	74.00	100	360	Peak

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	2024-06-26
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

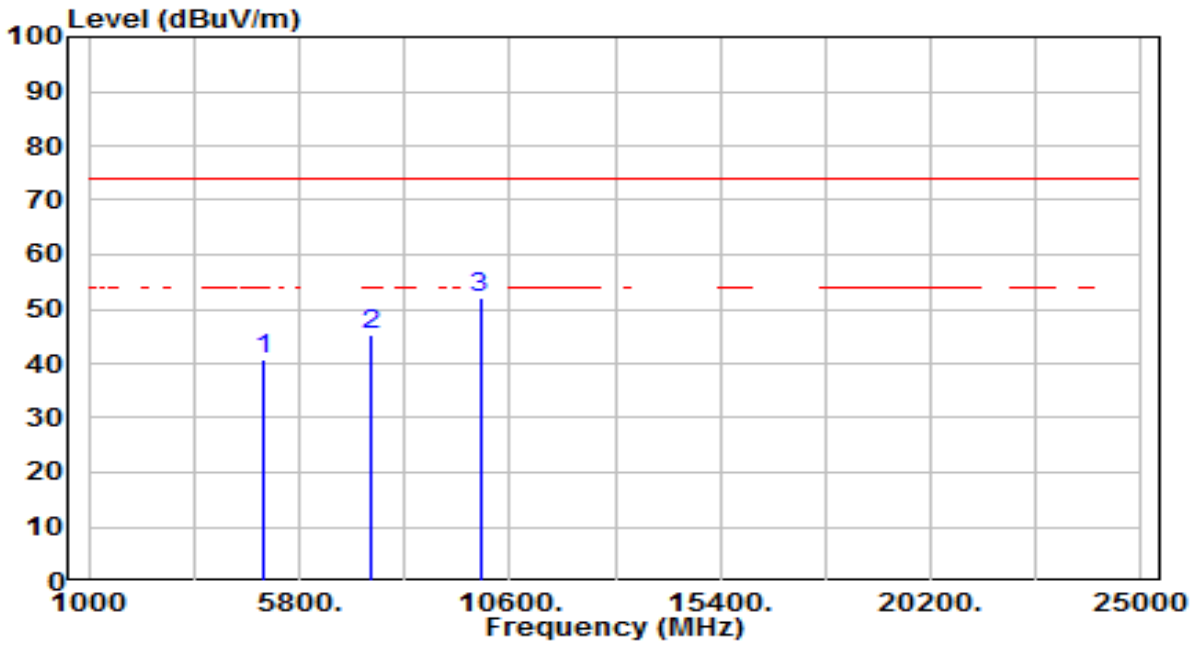


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.38	3.85	39.23	-34.77	74.00	100	250	Peak
2		7320.000	34.99	11.97	46.96	-27.04	74.00	100	208	Peak
3	*	9760.000	34.45	15.98	50.43	-23.57	74.00	100	158	Peak

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	2024-06-26
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

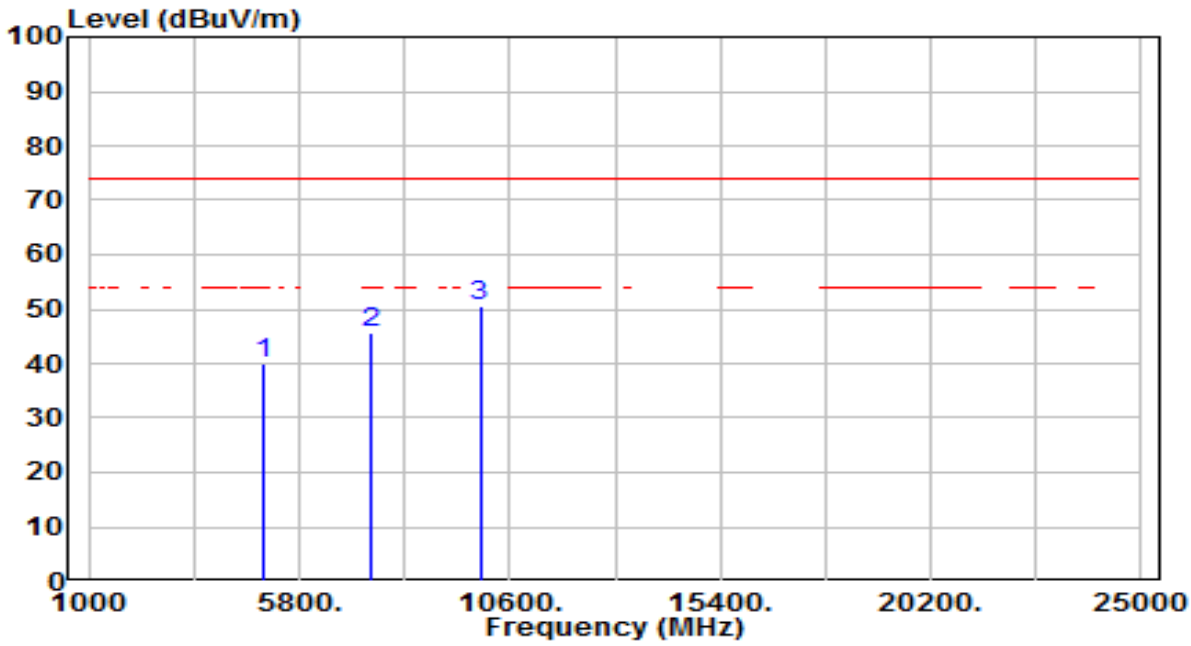


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.61	3.99	40.59	-33.41	74.00	100	234	Peak
2		7440.000	32.98	12.40	45.37	-28.63	74.00	100	156	Peak
3	*	9920.000	35.62	16.27	51.89	-22.11	74.00	100	163	Peak

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	2024-06-26
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

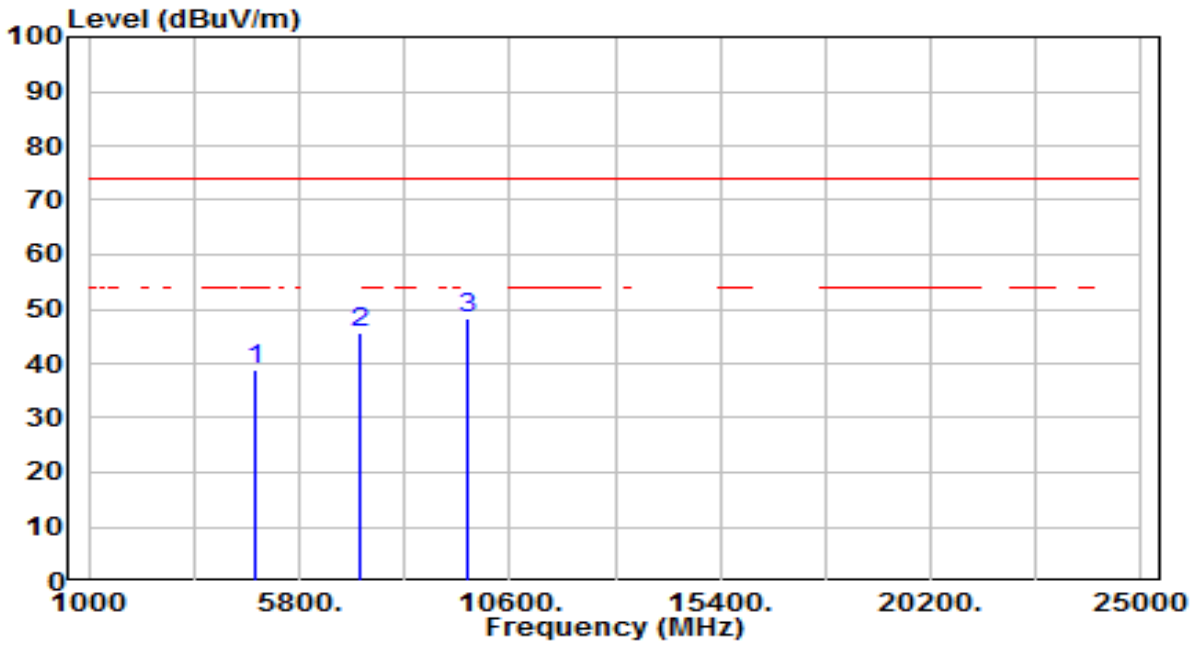


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.01	3.99	40.00	-34.00	74.00	100	260	Peak
2		7440.000	33.31	12.40	45.71	-28.29	74.00	100	357	Peak
3	*	9920.000	34.36	16.27	50.63	-23.37	74.00	100	303	Peak

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	2024-06-26
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

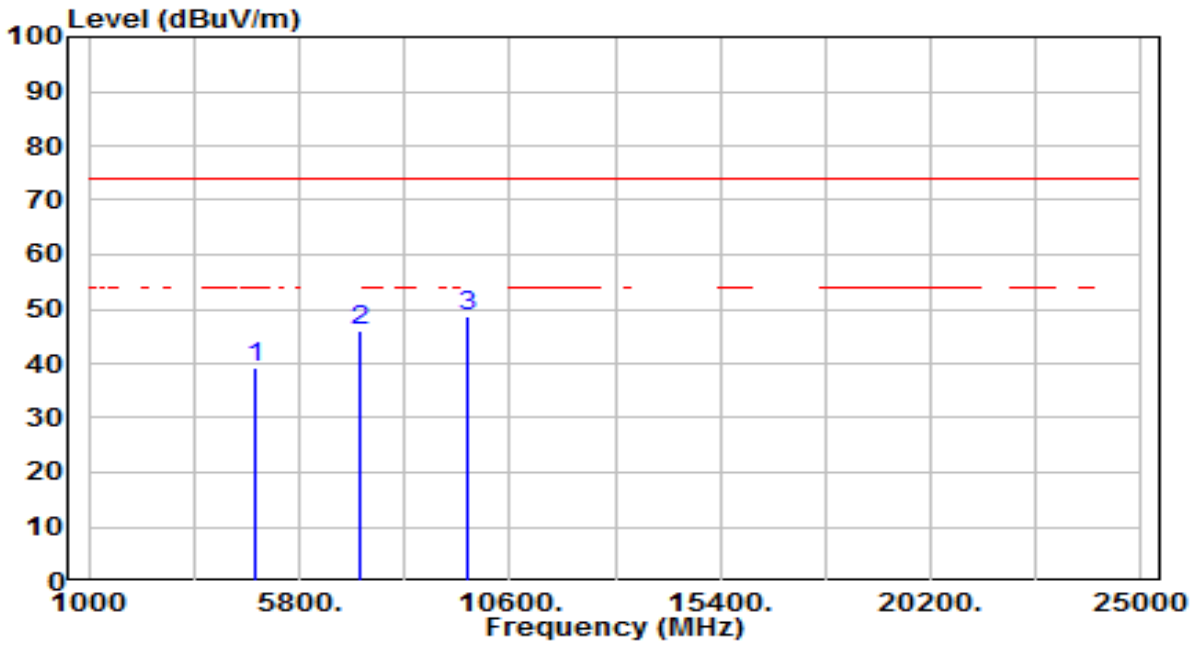


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.20	3.71	38.91	-35.09	74.00	100	360	Peak
2		7206.000	34.13	11.57	45.70	-28.30	74.00	100	286	Peak
3	*	9608.000	32.79	15.69	48.49	-25.51	74.00	100	247	Peak

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	2024-06-26
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

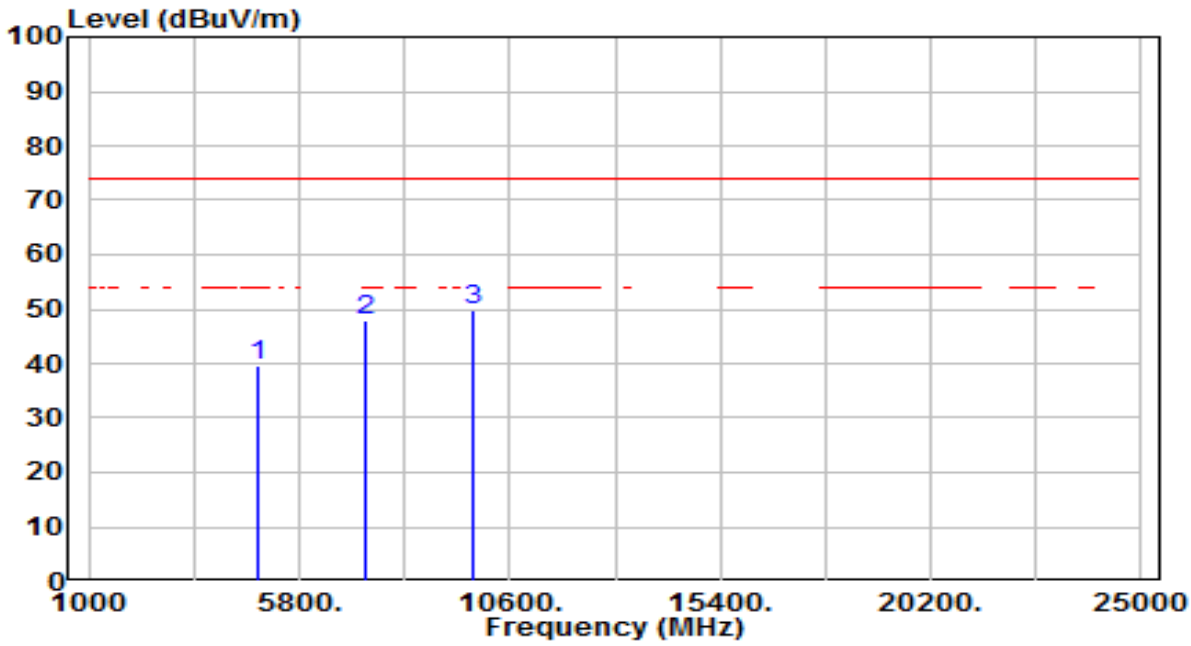


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.66	3.71	39.37	-34.63	74.00	100	5	Peak
2		7206.000	34.39	11.57	45.96	-28.04	74.00	100	151	Peak
3	*	9608.000	33.17	15.69	48.86	-25.14	74.00	100	261	Peak

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	2024-06-26
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

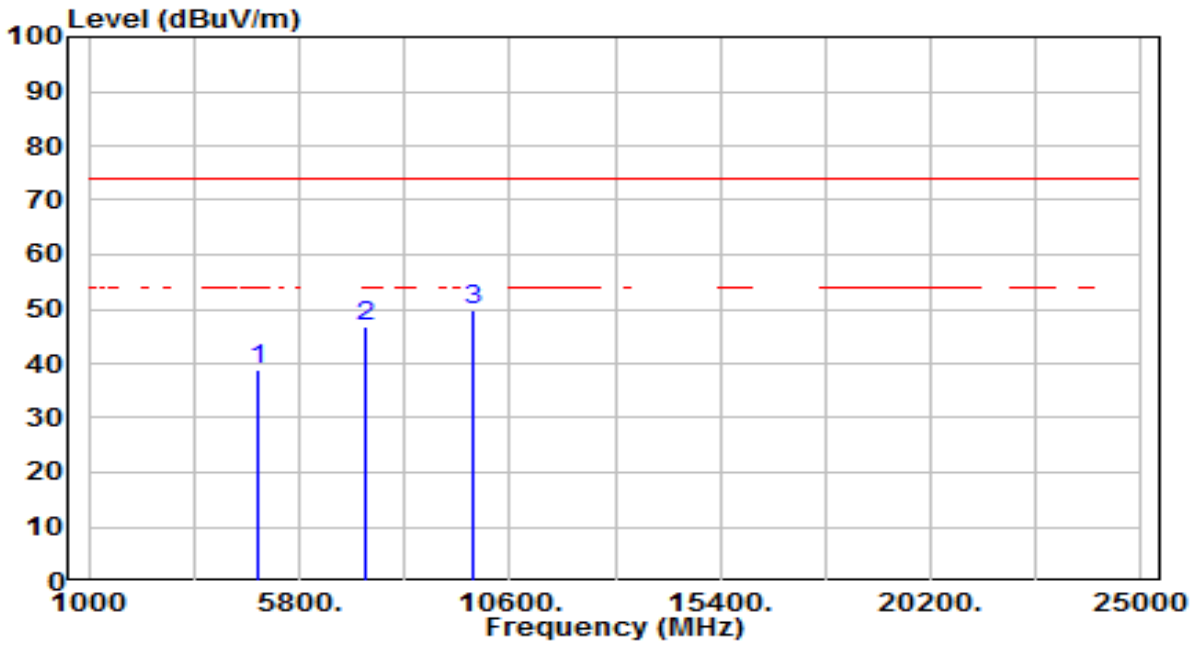


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.76	3.85	39.60	-34.40	74.00	100	63	Peak
2		7320.000	35.86	11.97	47.84	-26.16	74.00	100	300	Peak
3	*	9760.000	33.69	15.98	49.67	-24.33	74.00	100	158	Peak

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	2024-06-26
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

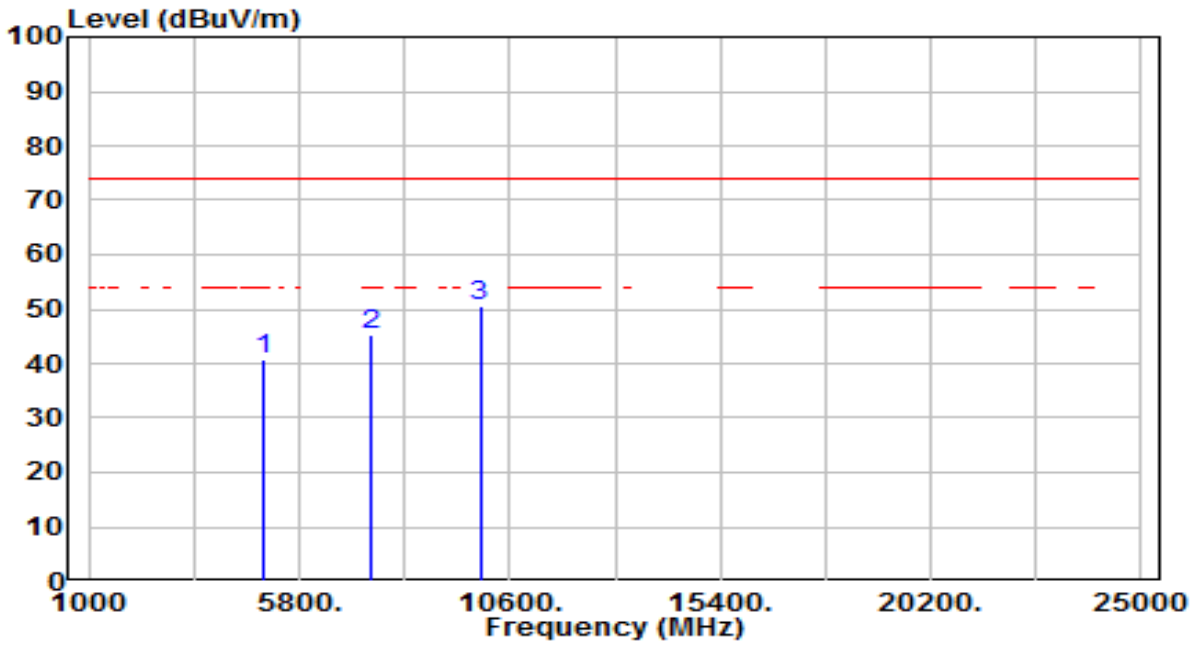


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.04	3.85	38.89	-35.11	74.00	100	140	Peak
2		7320.000	34.97	11.97	46.94	-27.06	74.00	100	246	Peak
3	*	9760.000	34.01	15.98	49.99	-24.01	74.00	100	343	Peak

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	2024-06-26
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

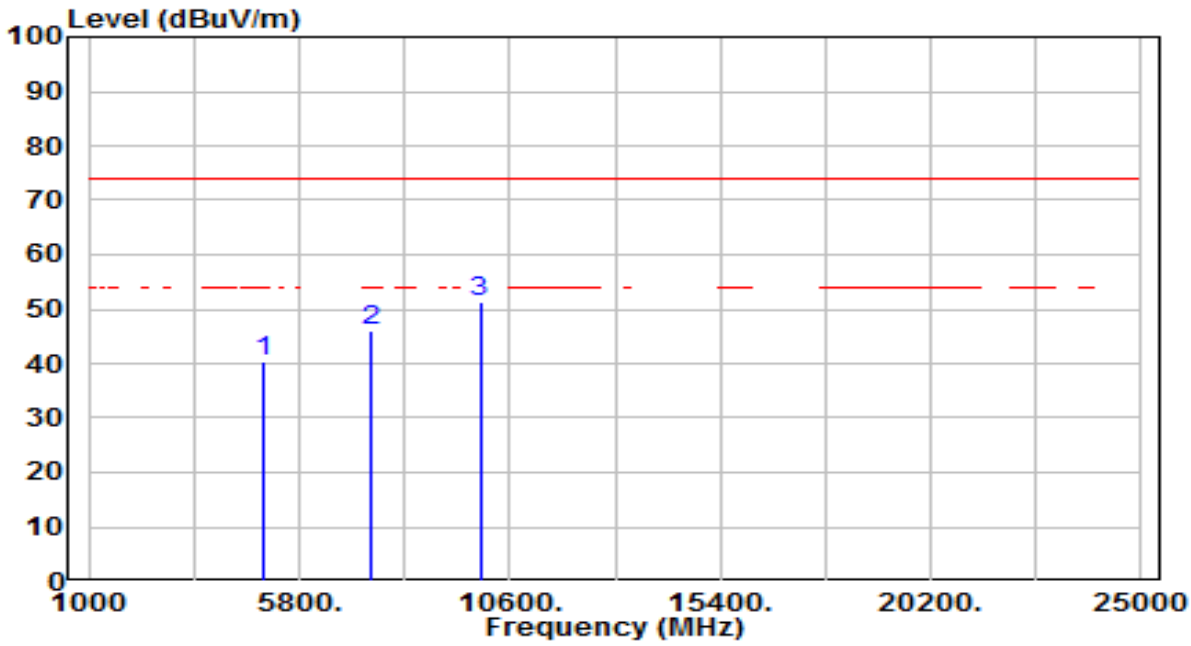


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.94	3.99	40.93	-33.07	74.00	100	212	Peak
2		7440.000	33.05	12.40	45.45	-28.55	74.00	100	314	Peak
3	*	9920.000	34.17	16.27	50.44	-23.56	74.00	100	10	Peak

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	2024-06-26
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

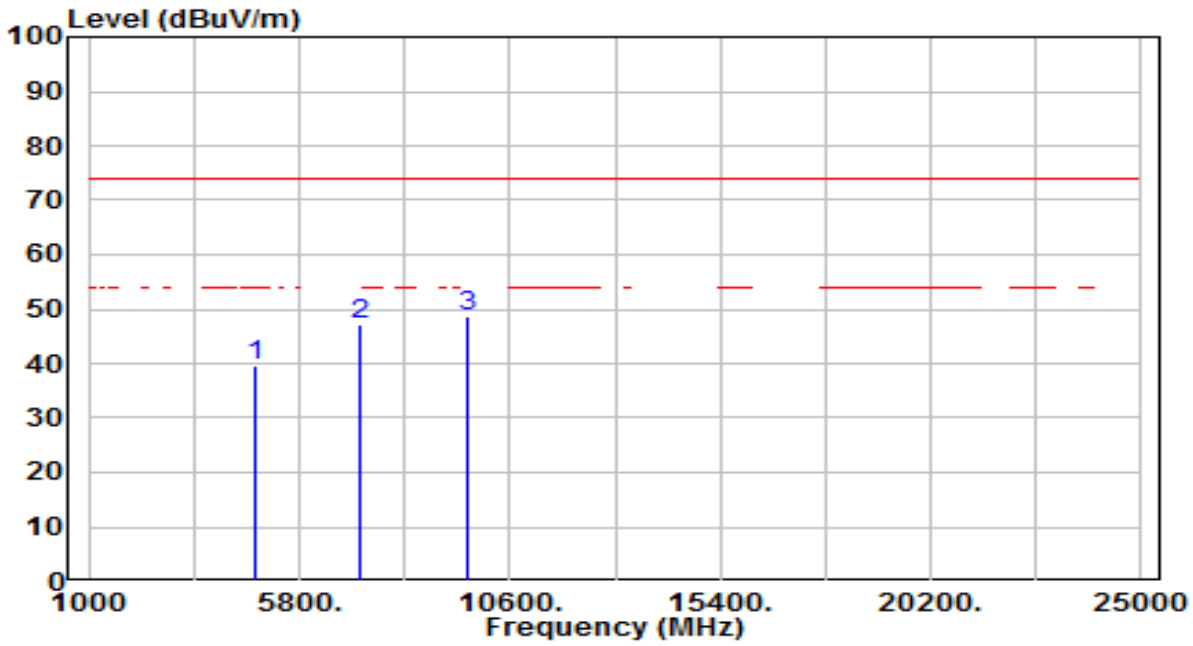


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.49	3.99	40.48	-33.52	74.00	100	254	Peak
2		7440.000	33.50	12.40	45.90	-28.10	74.00	100	293	Peak
3	*	9920.000	35.12	16.27	51.39	-22.61	74.00	100	282	Peak

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	2024-06-26
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

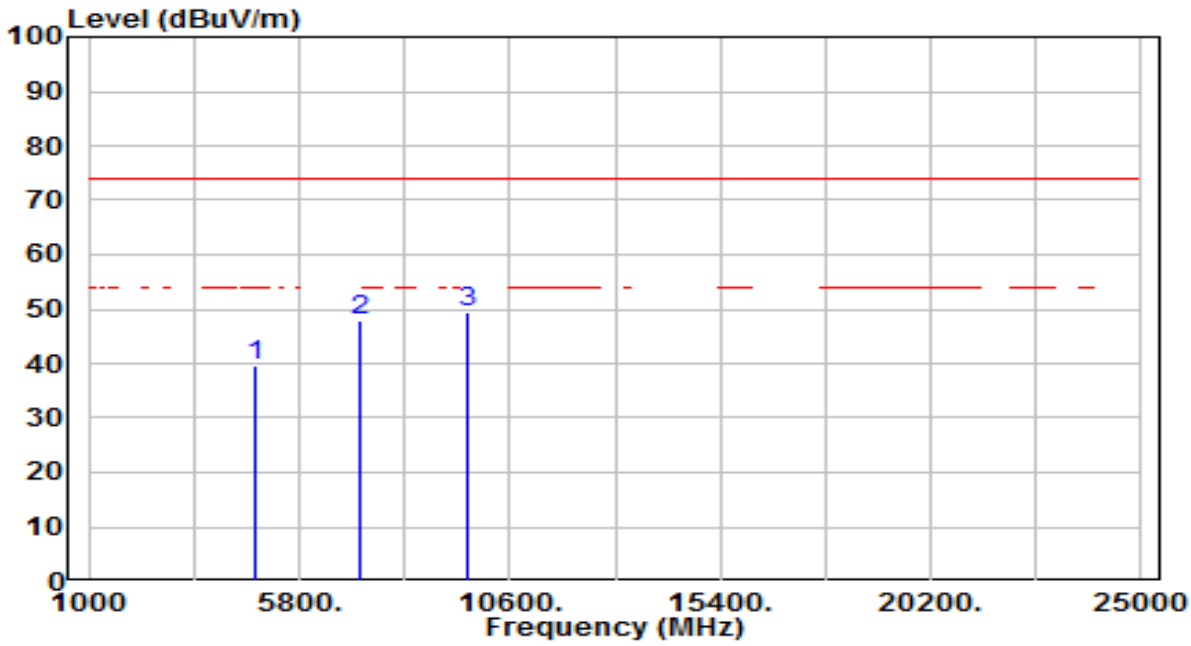


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.89	3.71	39.61	-34.39	74.00	100	19	Peak
2		7206.000	35.72	11.57	47.29	-26.71	74.00	100	286	Peak
3	*	9608.000	33.05	15.69	48.75	-25.25	74.00	100	2	Peak

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	2024-06-26
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

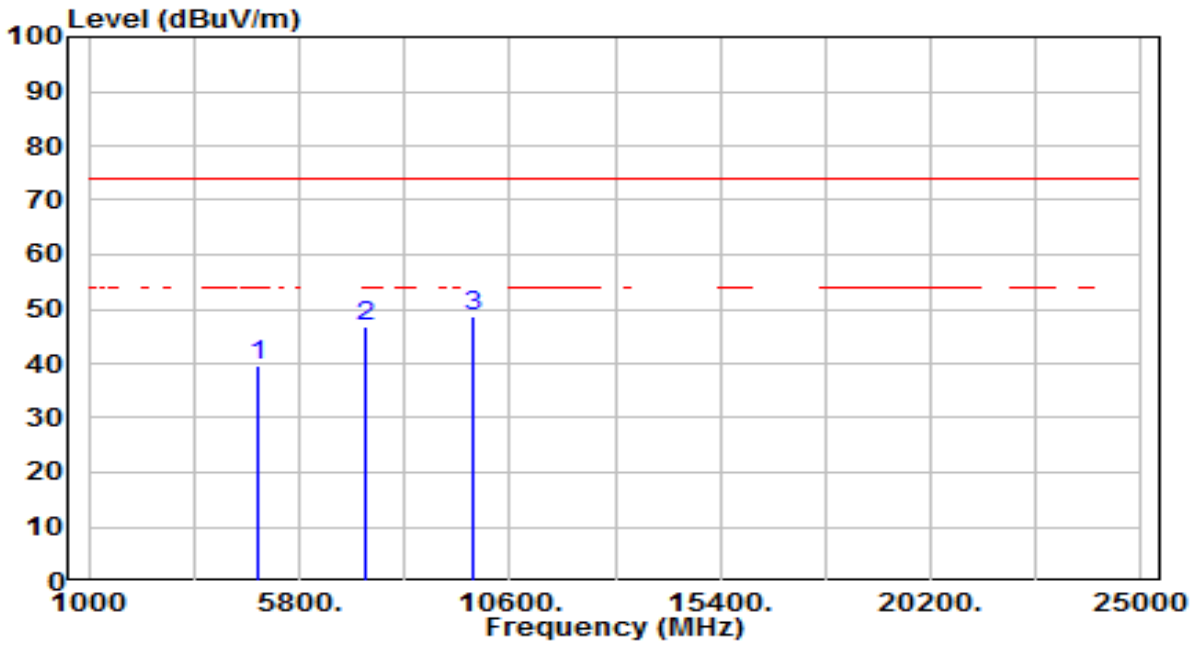


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.89	3.71	39.60	-34.40	74.00	100	9	Peak
2		7206.000	36.36	11.57	47.93	-26.07	74.00	100	229	Peak
3	*	9608.000	33.66	15.69	49.35	-24.65	74.00	100	325	Peak

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	2024-06-26
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

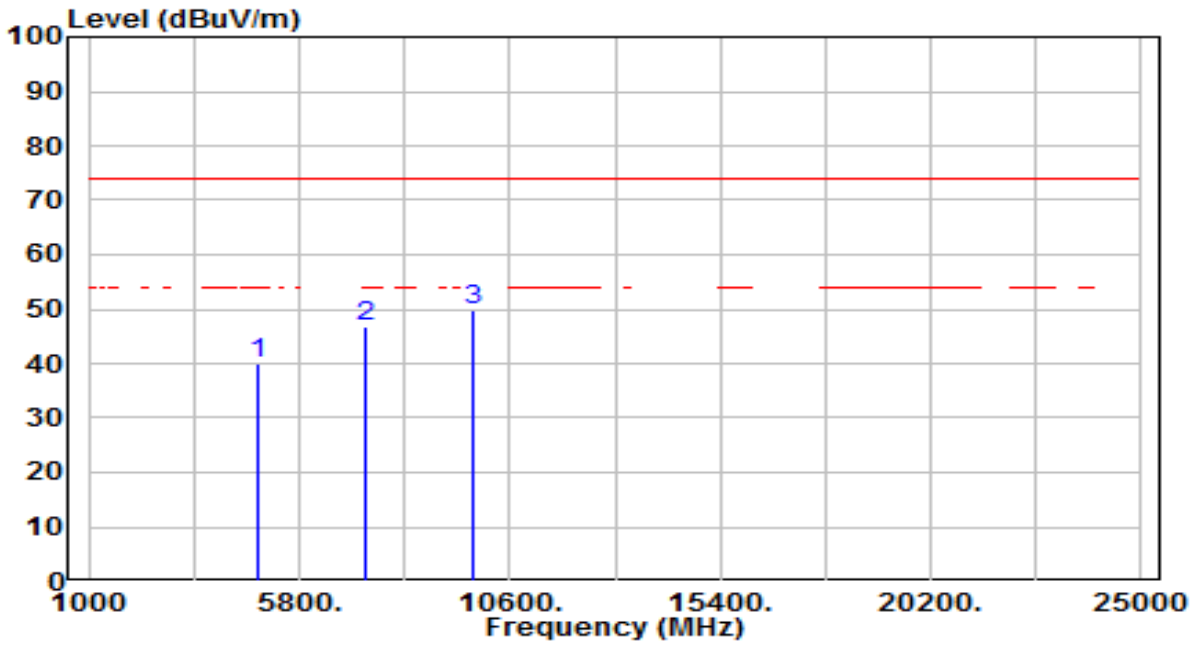


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.68	3.85	39.52	-34.48	74.00	100	48	Peak
2		7320.000	34.98	11.97	46.96	-27.04	74.00	100	300	Peak
3	*	9760.000	32.74	15.98	48.71	-25.29	74.00	100	151	Peak

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	2024-06-26
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

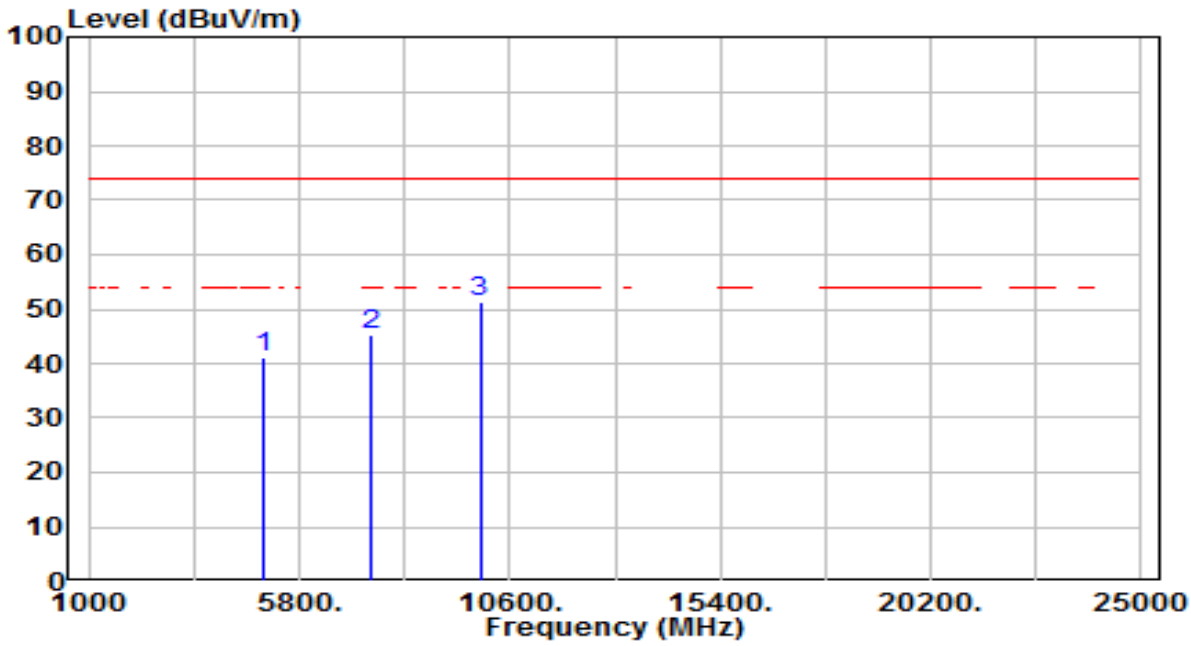


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	36.30	3.85	40.14	-33.86	74.00	100	232	Peak
2		7320.000	34.67	11.97	46.64	-27.36	74.00	100	226	Peak
3	*	9760.000	34.00	15.98	49.97	-24.03	74.00	100	268	Peak

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	2024-06-26
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

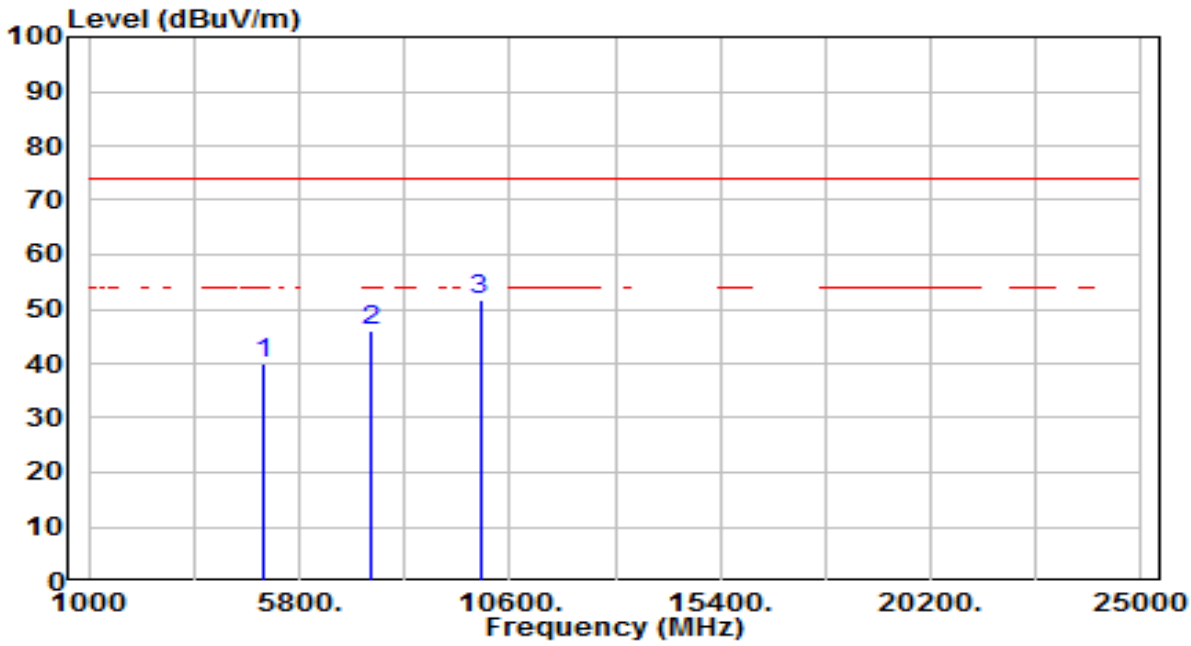


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	37.08	3.99	41.07	-32.93	74.00	100	231	Peak
2		7440.000	32.80	12.40	45.19	-28.81	74.00	100	277	Peak
3	*	9920.000	34.90	16.27	51.17	-22.83	74.00	100	338	Peak

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	2024-06-26
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

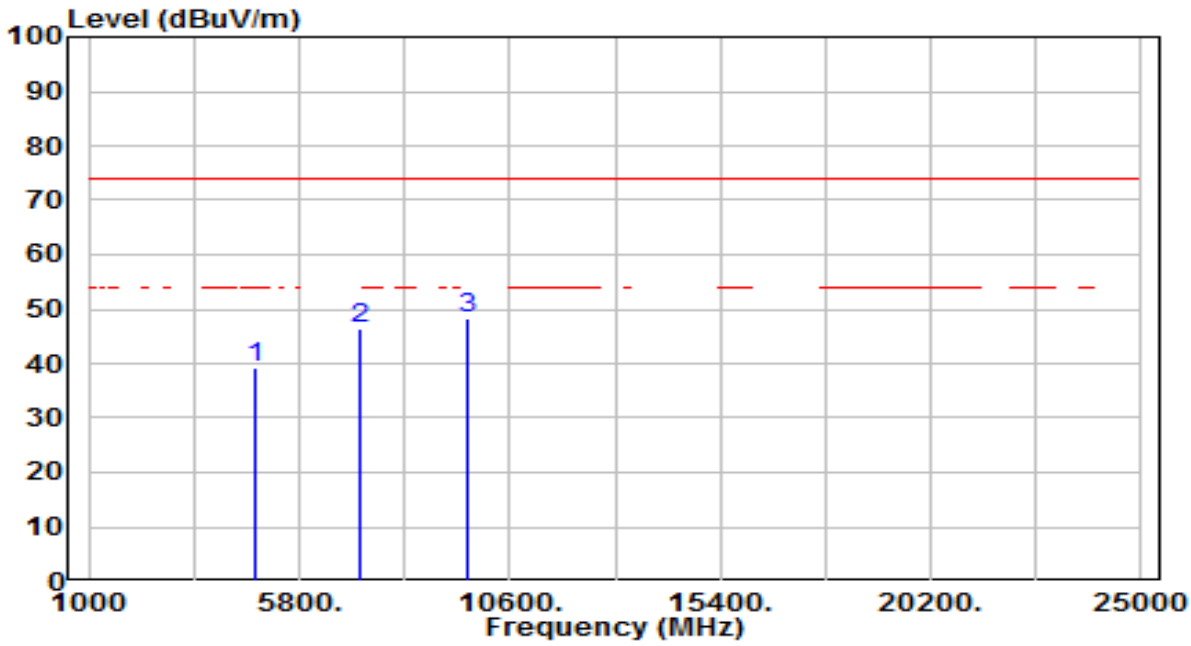


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	36.00	3.99	39.99	-34.01	74.00	100	262	Peak
2		7440.000	33.50	12.40	45.89	-28.11	74.00	100	220	Peak
3	*	9920.000	35.31	16.27	51.58	-22.42	74.00	100	322	Peak

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	2024-06-26
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

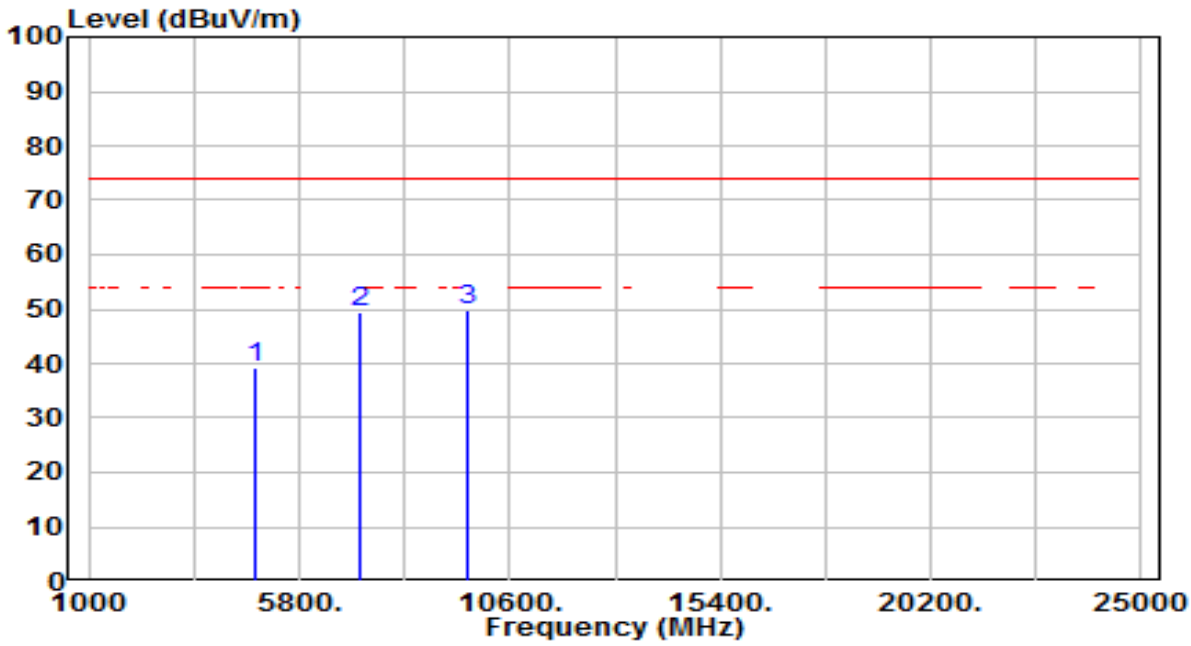


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.70	3.71	39.41	-34.59	74.00	100	2	Peak
2		7206.000	34.81	11.57	46.38	-27.62	74.00	100	170	Peak
3	*	9608.000	32.65	15.69	48.34	-25.66	74.00	100	354	Peak

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	2024-06-26
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

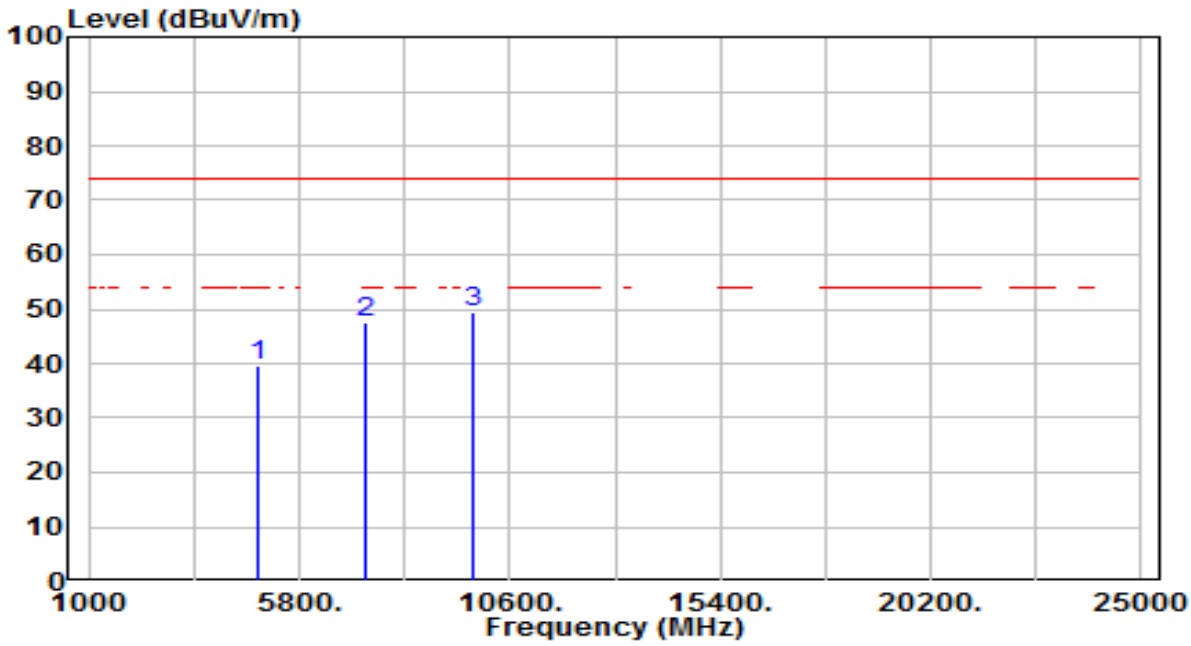


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4804.000	35.61	3.71	39.32	-34.68	74.00	100	6	Peak
2		7206.000	37.74	11.57	49.31	-24.69	74.00	100	219	Peak
3	*	9608.000	33.94	15.69	49.64	-24.36	74.00	100	56	Peak

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	2024-06-26
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

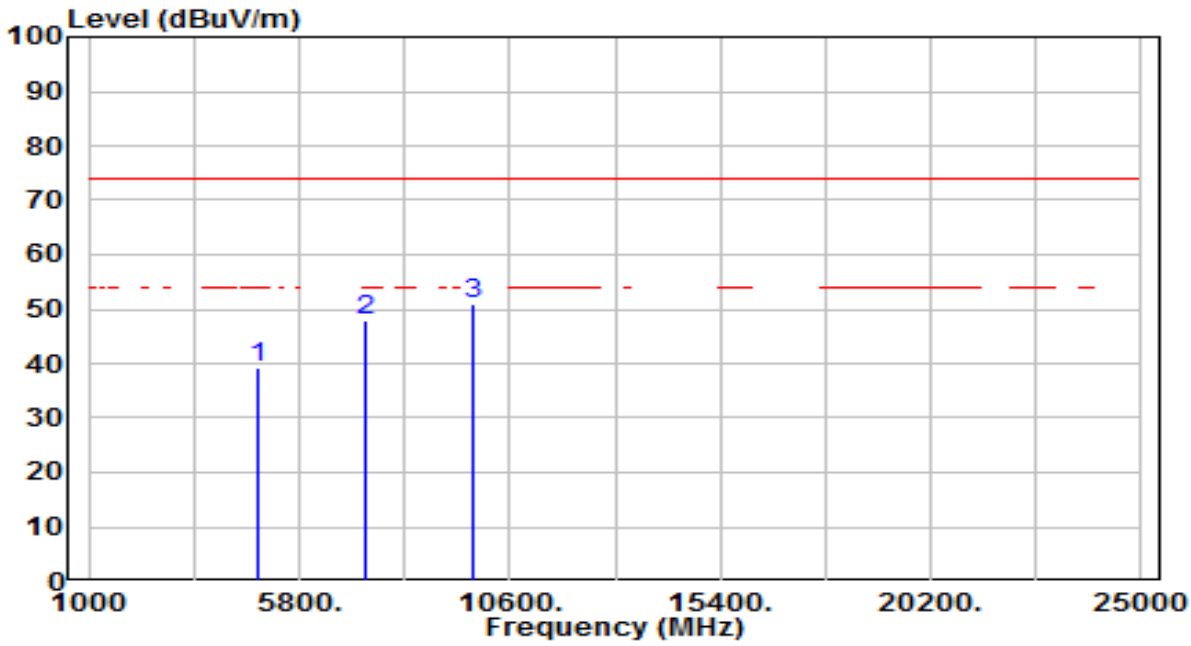


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.62	3.85	39.47	-34.53	74.00	100	145	Peak
2		7320.000	35.51	11.97	47.49	-26.51	74.00	100	316	Peak
3	*	9760.000	33.55	15.98	49.53	-24.47	74.00	100	0	Peak

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	2024-06-26
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

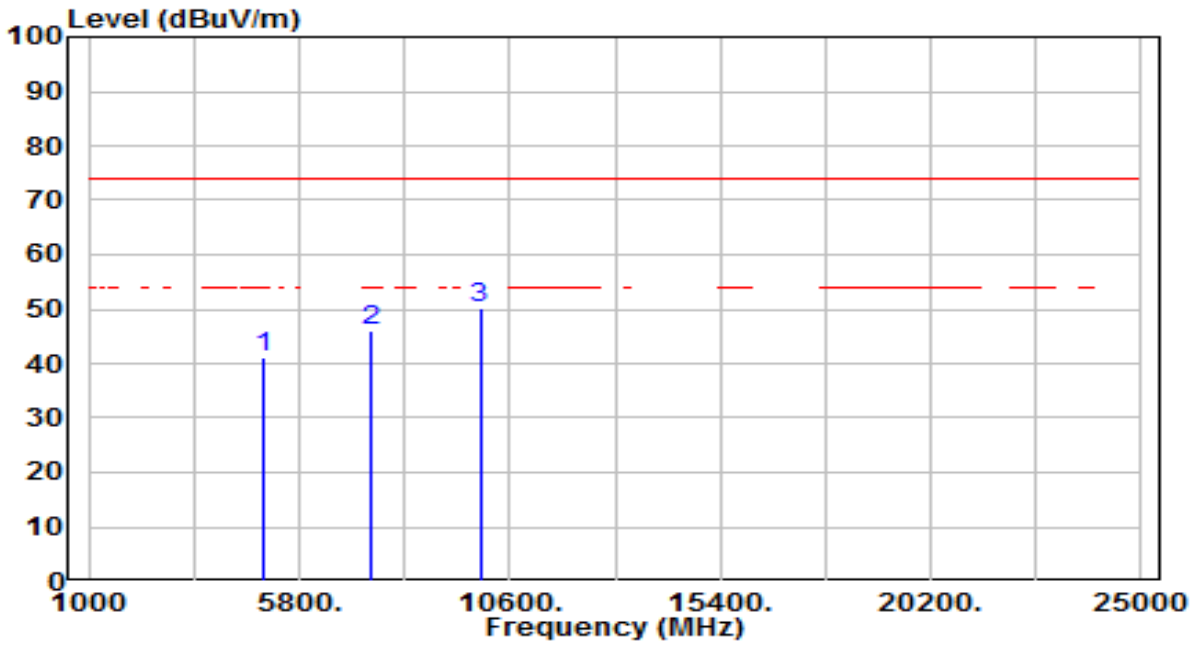


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4880.000	35.55	3.85	39.39	-34.61	74.00	100	289	Peak
2		7320.000	35.87	11.97	47.85	-26.15	74.00	100	174	Peak
3	*	9760.000	34.82	15.98	50.80	-23.20	74.00	100	189	Peak

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	2024-06-26
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

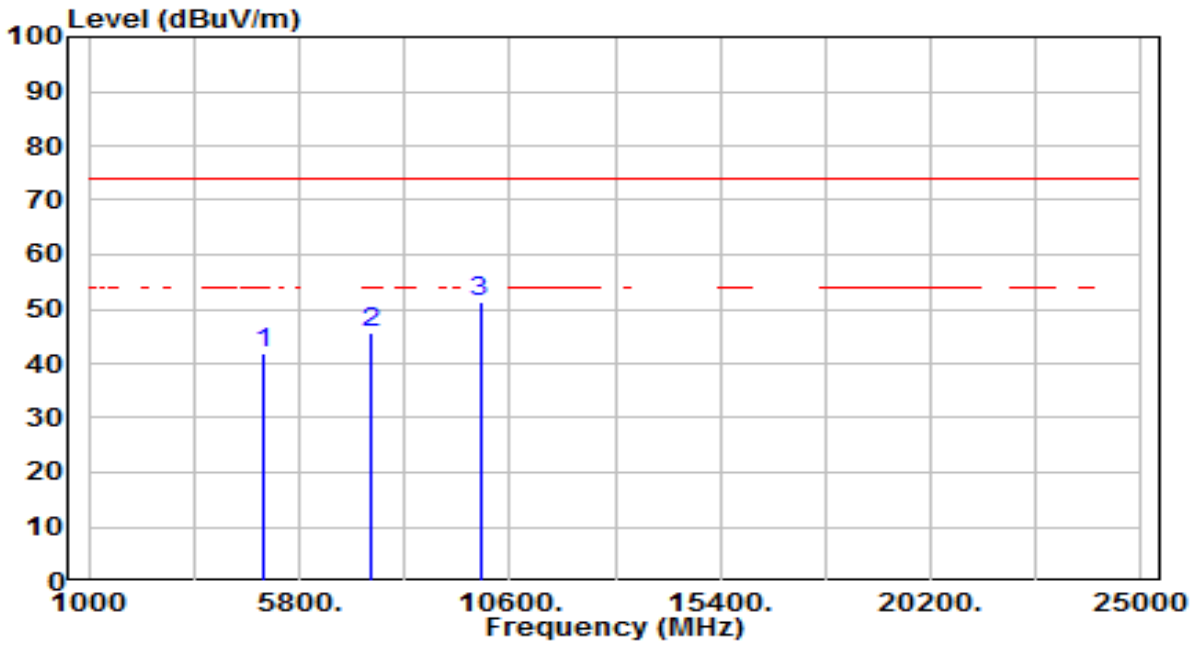


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4960.000	37.11	3.99	41.10	-32.90	74.00	100	208	Peak
2		7440.000	33.79	12.40	46.19	-27.81	74.00	100	299	Peak
3	*	9920.000	33.93	16.27	50.20	-23.80	74.00	100	166	Peak

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	2024-06-26
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	37.87	3.99	41.86	-32.14	74.00	100	251	Peak
2		7440.000	33.25	12.40	45.64	-28.36	74.00	100	195	Peak
3	*	9920.000	35.20	16.27	51.47	-22.53	74.00	100	360	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

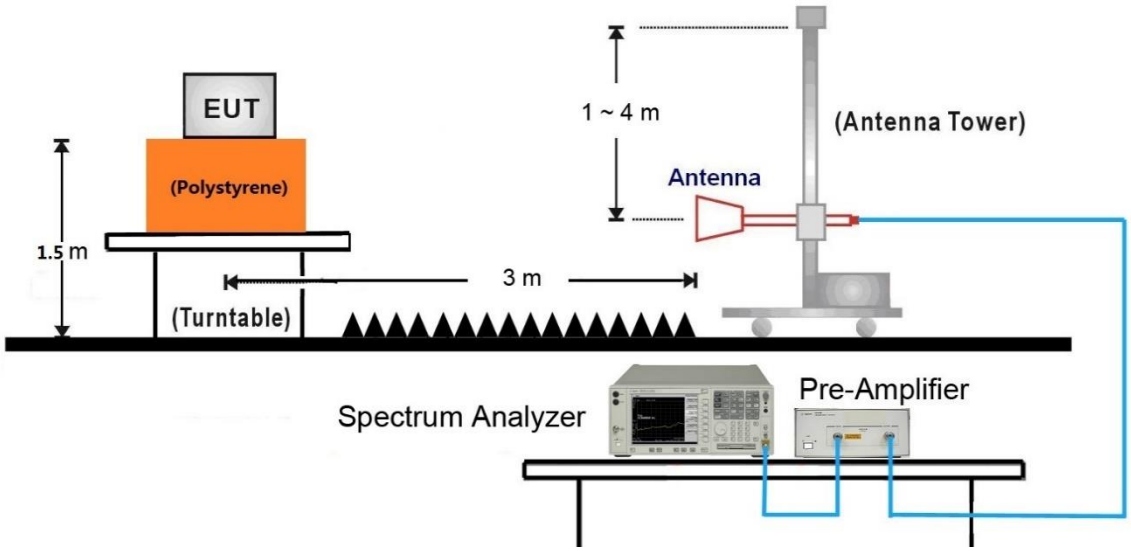
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

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

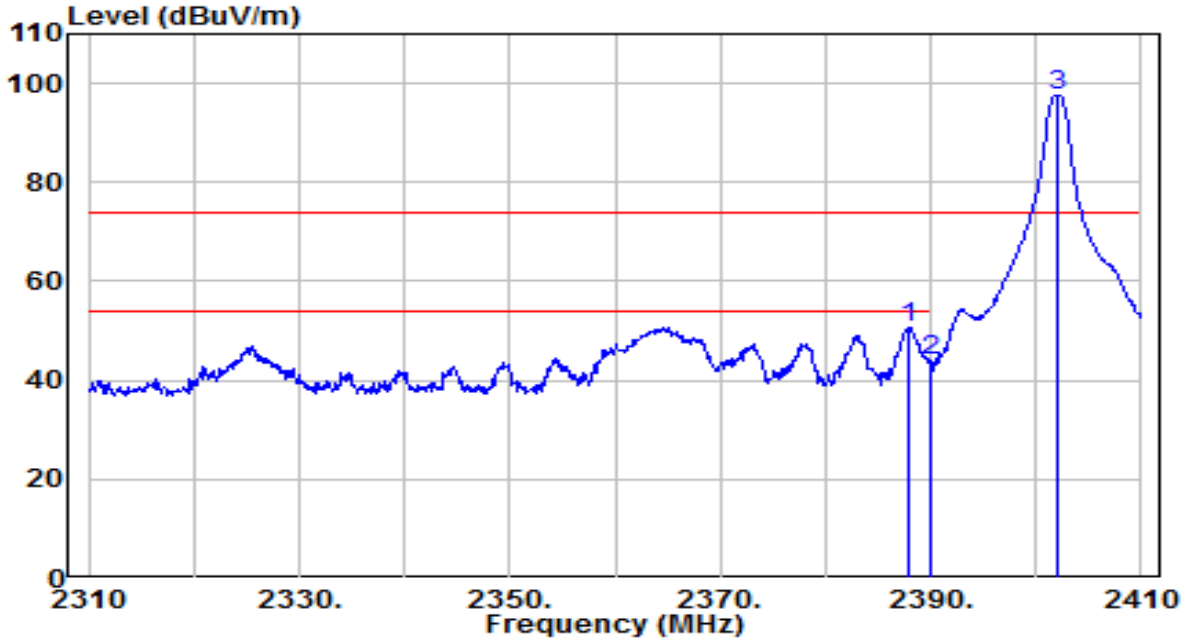
7.7.4. Test Setup

1GHz ~ 25GHz Test Setup:



7.7.5. Test Result

EUT	Mobile Computer	Date of Test	2024-06-26
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

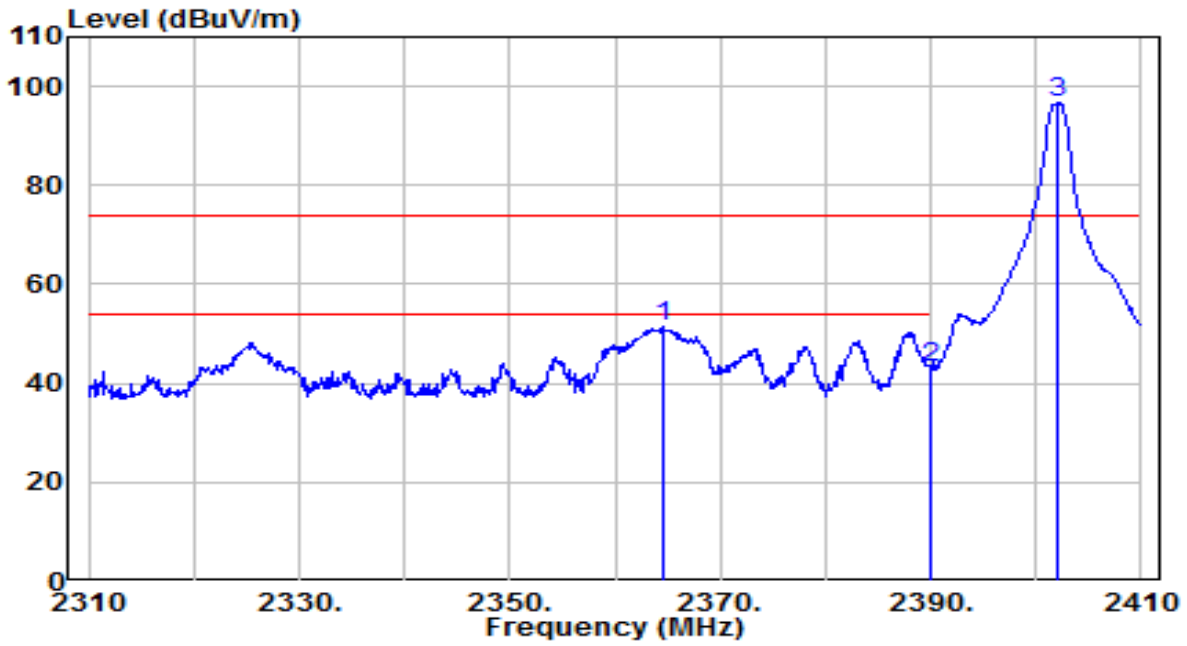


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.000	52.69	-2.03	50.66	-23.34	74.00	115	235	Peak
2		2390.000	45.97	-2.03	43.94	-30.06	74.00	115	235	Peak
3		2402.000	99.44	-1.99	97.45	N/A	N/A	115	235	Peak

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	2024-06-26
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

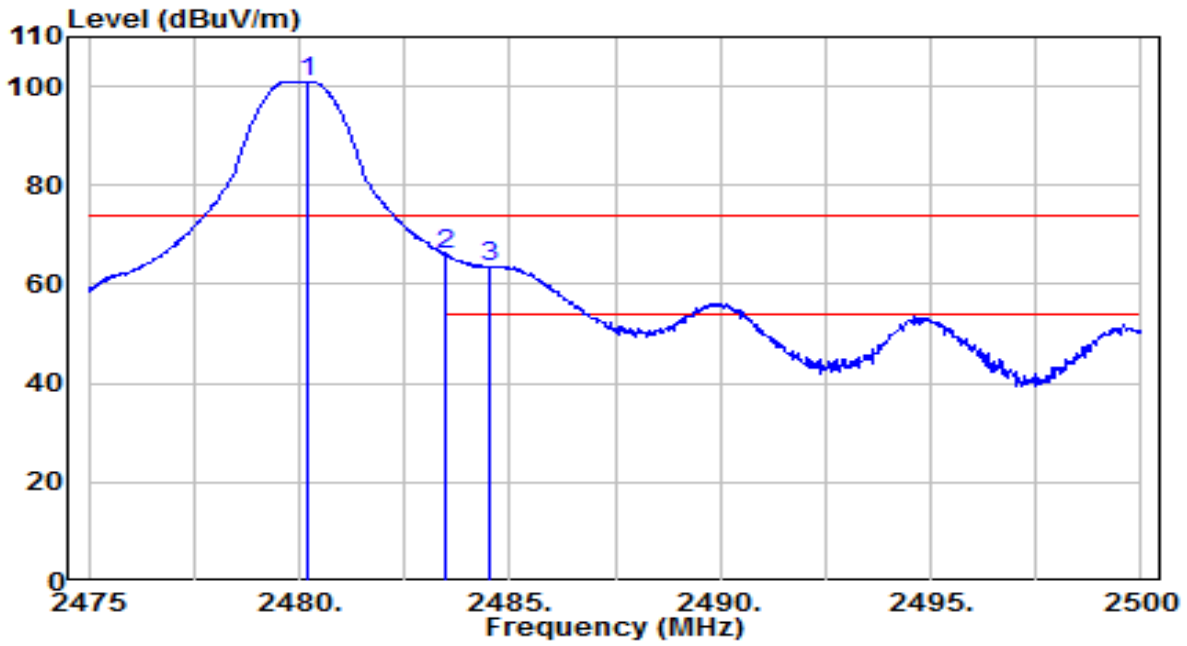


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2364.600	53.43	-2.11	51.32	-22.68	74.00	175	325	Peak
2		2390.000	45.29	-2.03	43.26	-30.74	74.00	175	325	Peak
3		2402.000	98.52	-1.99	96.53	N/A	N/A	175	325	Peak

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	2024-06-26
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

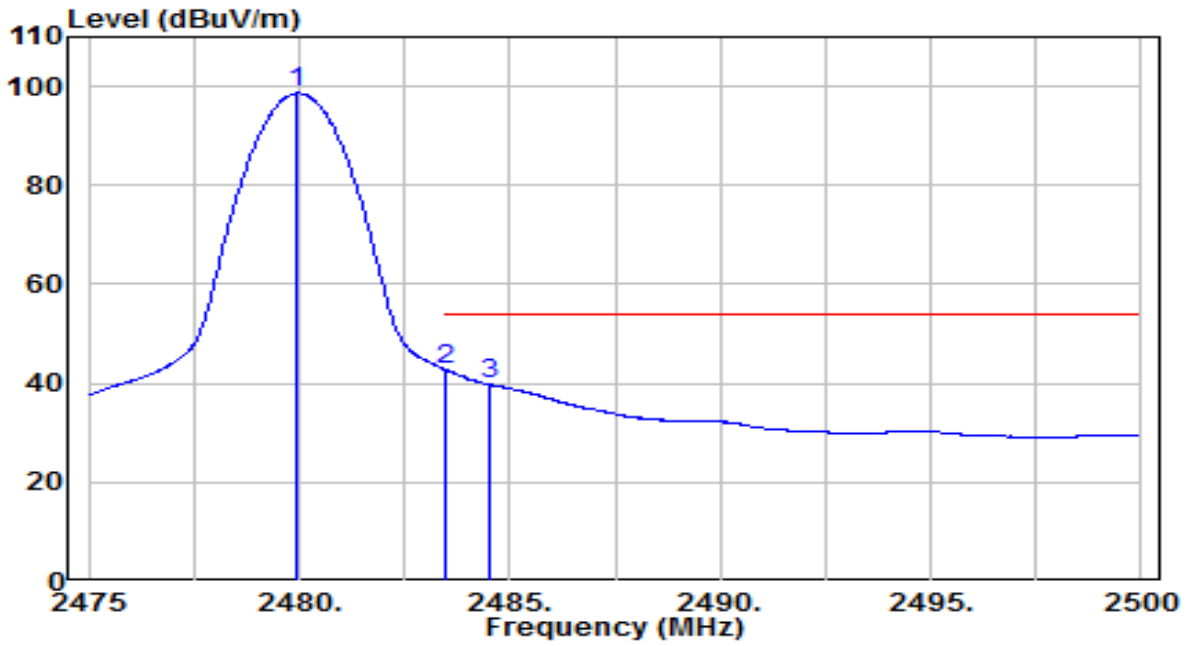


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.225	102.77	-1.74	101.03	N/A	N/A	110	235	Peak
2	*	2483.500	67.78	-1.73	66.05	-7.95	74.00	110	235	Peak
3		2484.500	65.40	-1.73	63.67	-10.33	74.00	110	235	Peak

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	2024-06-26
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

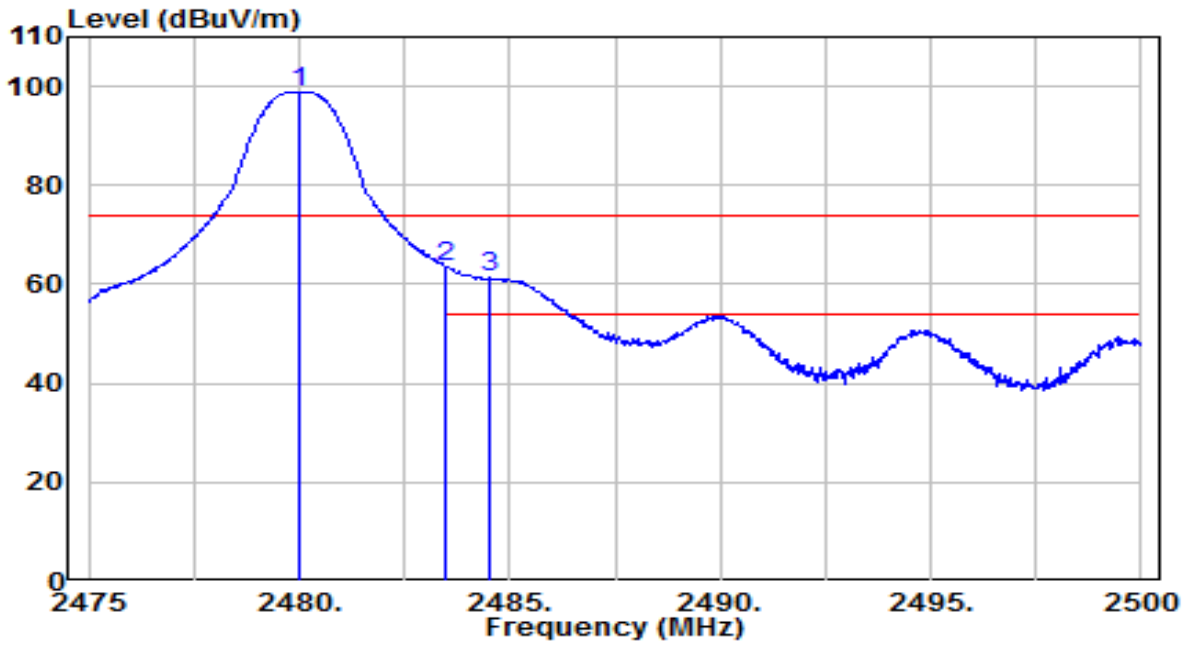


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.950	100.35	-1.74	98.61	N/A	N/A	110	235	Average
2	*	2483.500	44.43	-1.73	42.70	-11.30	54.00	110	235	Average
3		2484.525	41.50	-1.73	39.77	-14.23	54.00	110	235	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	2024-06-26
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

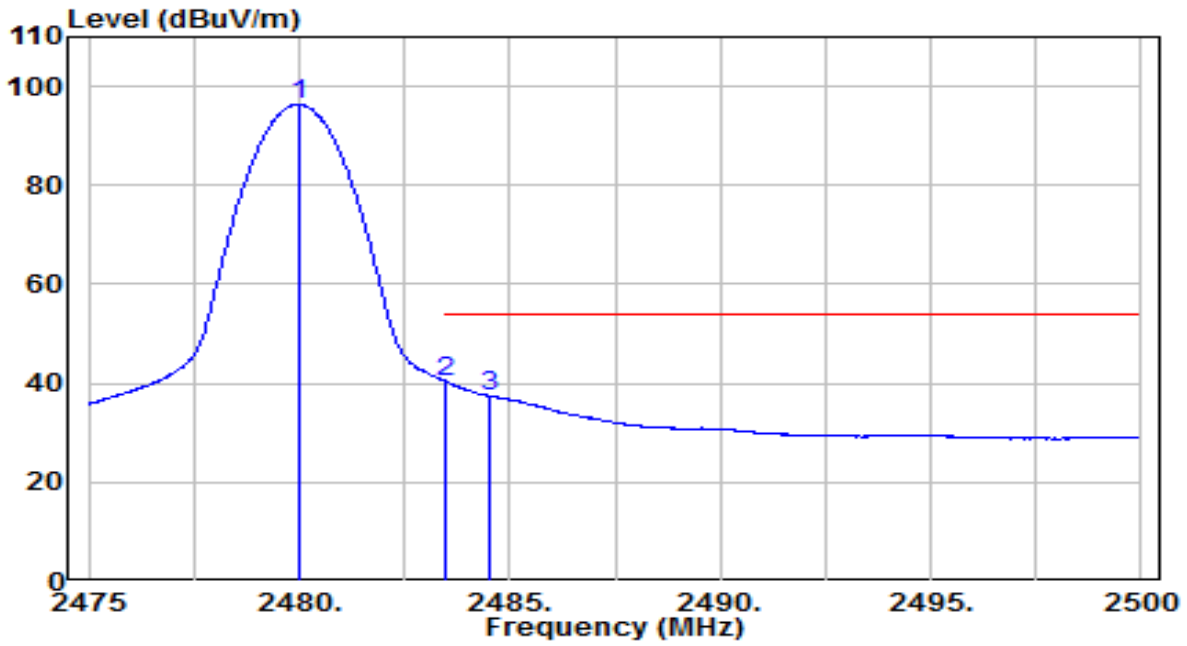


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	100.46	-1.74	98.72	N/A	N/A	145	325	Peak
2	*	2483.500	65.28	-1.73	63.55	-10.45	74.00	145	325	Peak
3		2484.550	62.98	-1.73	61.25	-12.75	74.00	145	325	Peak

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	2024-06-26
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

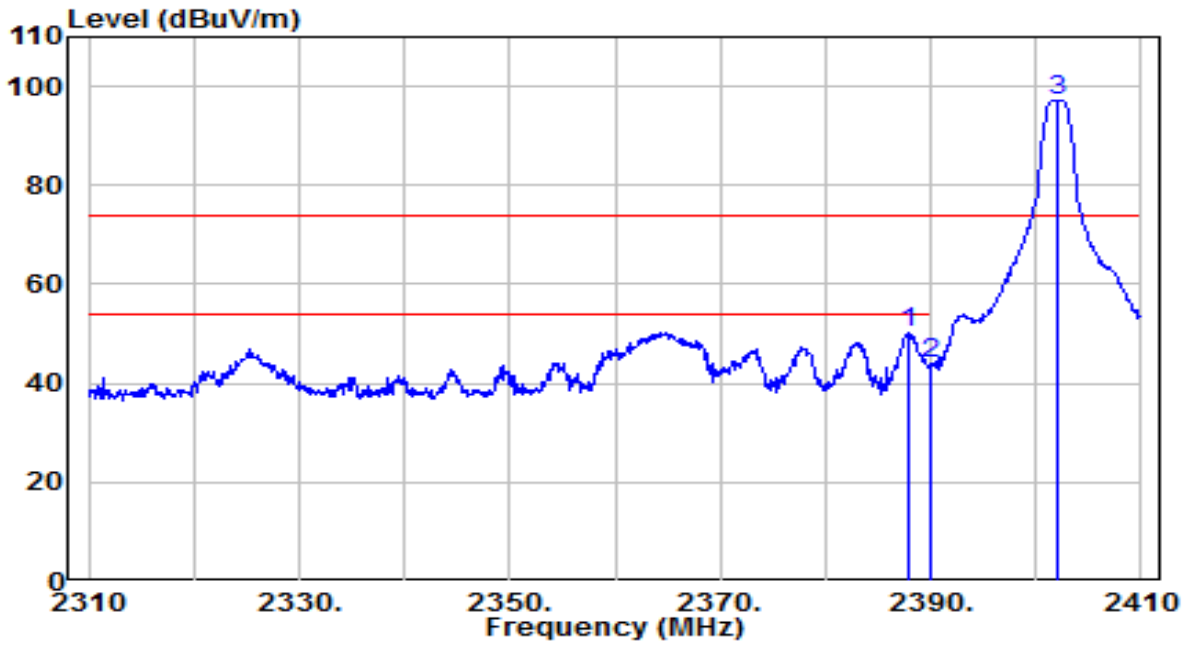


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	98.07	-1.74	96.33	N/A	N/A	145	325	Average
2	*	2483.500	42.05	-1.73	40.31	-13.69	54.00	145	325	Average
3		2484.500	39.22	-1.73	37.49	-16.51	54.00	145	325	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	2024-06-26
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

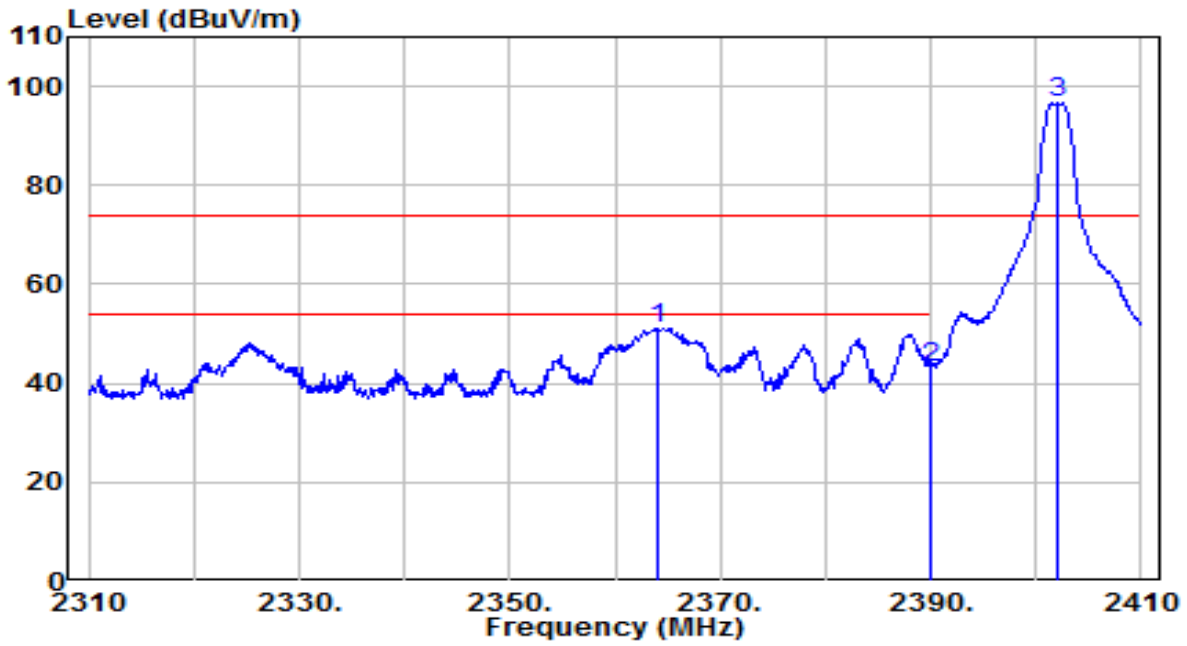


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.900	52.24	-2.03	50.21	-23.79	74.00	115	235	Peak
2		2390.000	45.84	-2.03	43.81	-30.19	74.00	115	235	Peak
3		2402.000	99.31	-1.99	97.32	N/A	N/A	115	235	Peak

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	2024-06-26
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

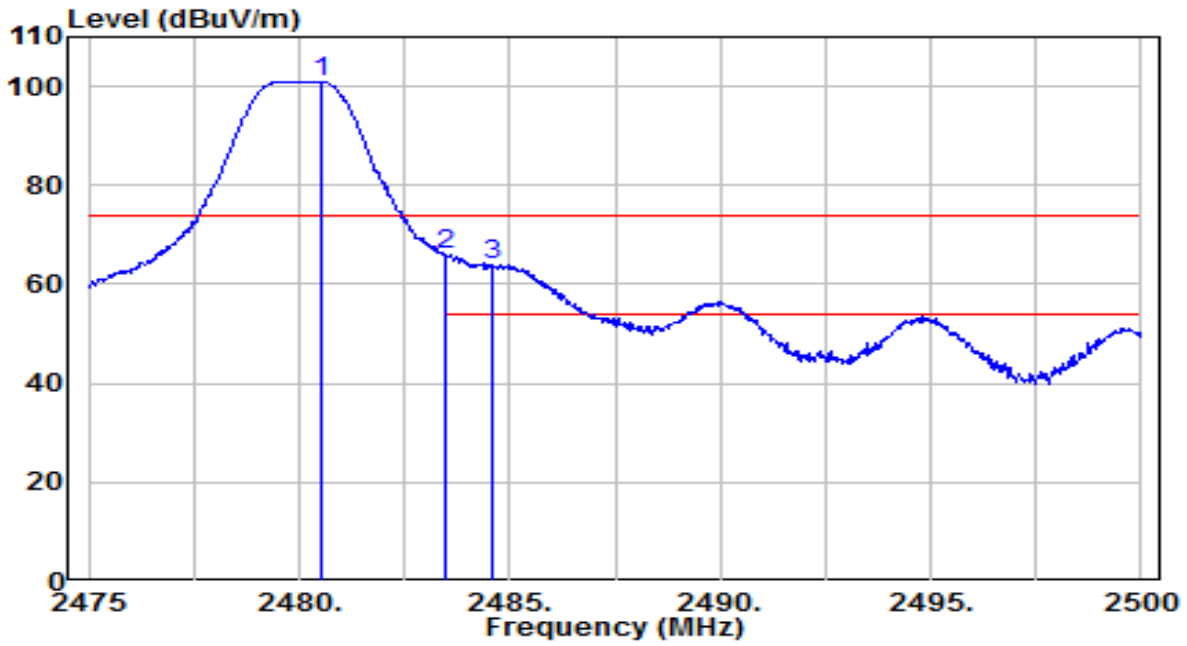


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2364.100	53.20	-2.11	51.09	-22.91	74.00	175	325	Peak
2		2390.000	45.17	-2.03	43.14	-30.86	74.00	175	325	Peak
3		2402.100	98.55	-1.99	96.57	N/A	N/A	175	325	Peak

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	2024-06-26
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

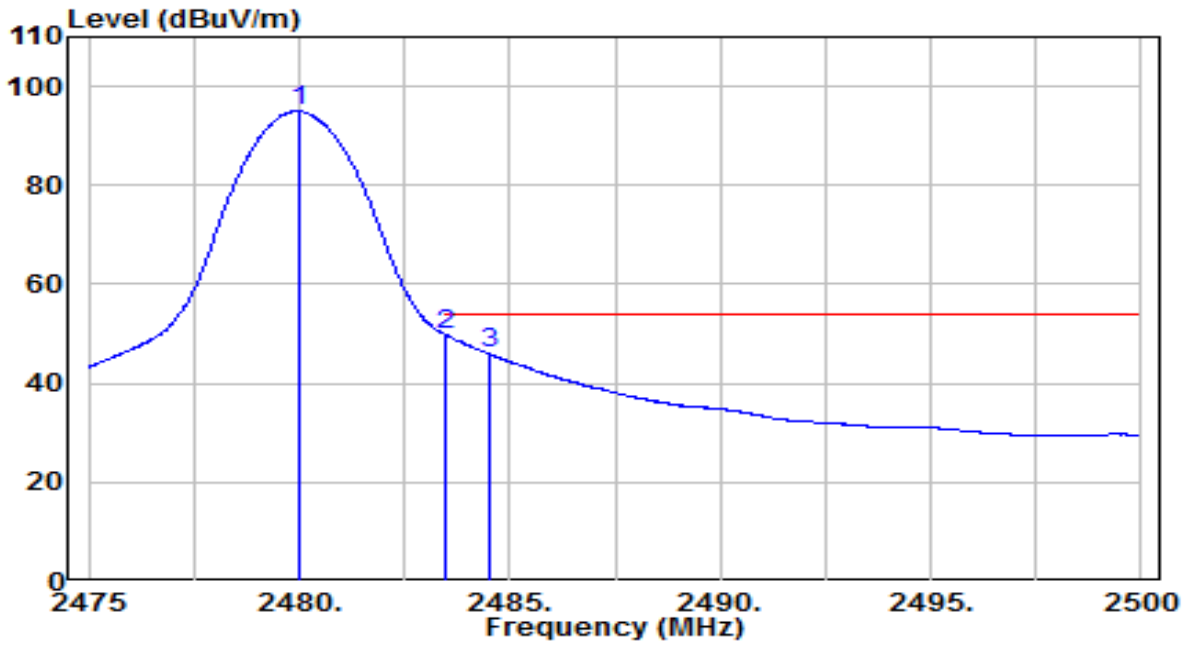


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.500	102.71	-1.74	100.97	N/A	N/A	110	235	Peak
2	*	2483.500	67.59	-1.73	65.86	-8.14	74.00	110	235	Peak
3		2484.575	65.64	-1.73	63.91	-10.09	74.00	110	235	Peak

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	2024-06-26
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

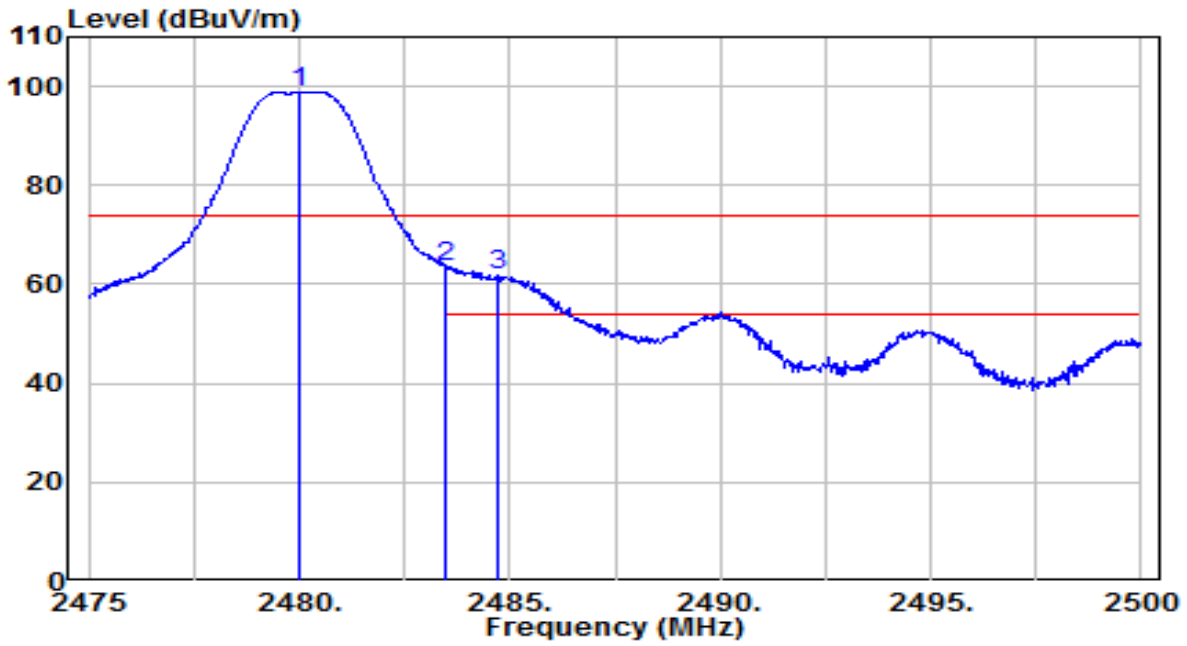


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	96.73	-1.74	94.99	N/A	N/A	110	235	Average
2	*	2483.500	51.49	-1.73	49.76	-4.24	54.00	110	235	Average
3		2484.525	47.60	-1.73	45.88	-8.12	54.00	110	235	Average

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	2024-06-26
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

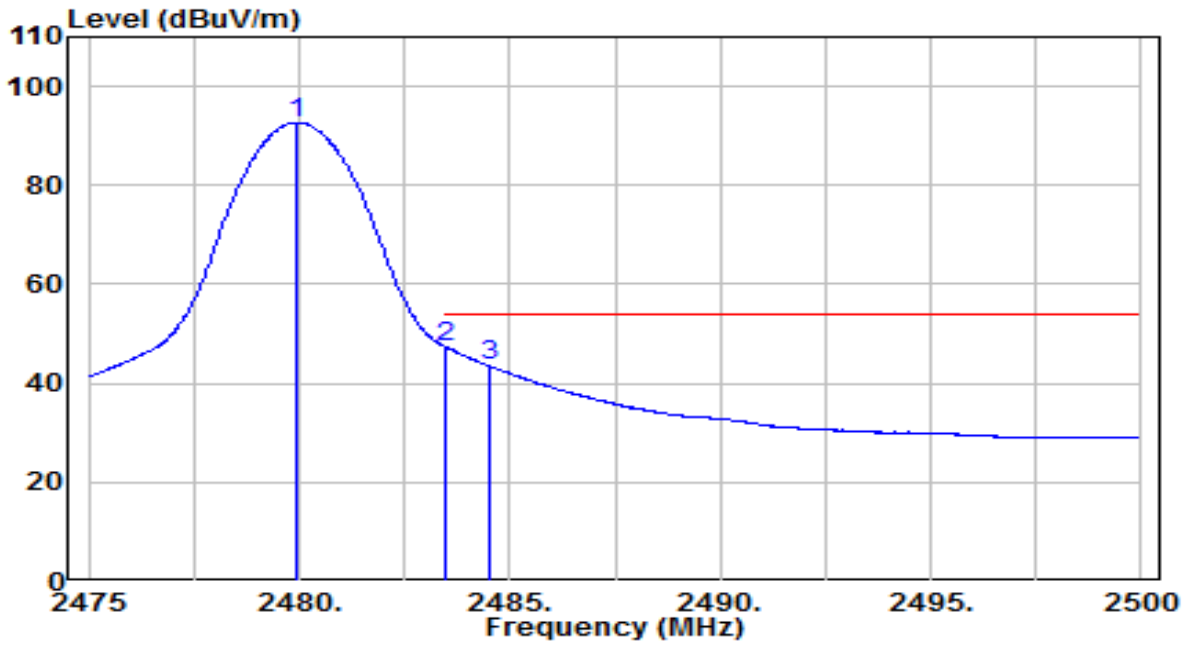


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	100.54	-1.74	98.79	N/A	N/A	145	325	Peak
2	*	2483.500	65.27	-1.73	63.54	-10.46	74.00	145	325	Peak
3		2484.700	63.46	-1.73	61.73	-12.27	74.00	145	325	Peak

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	2024-06-26
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

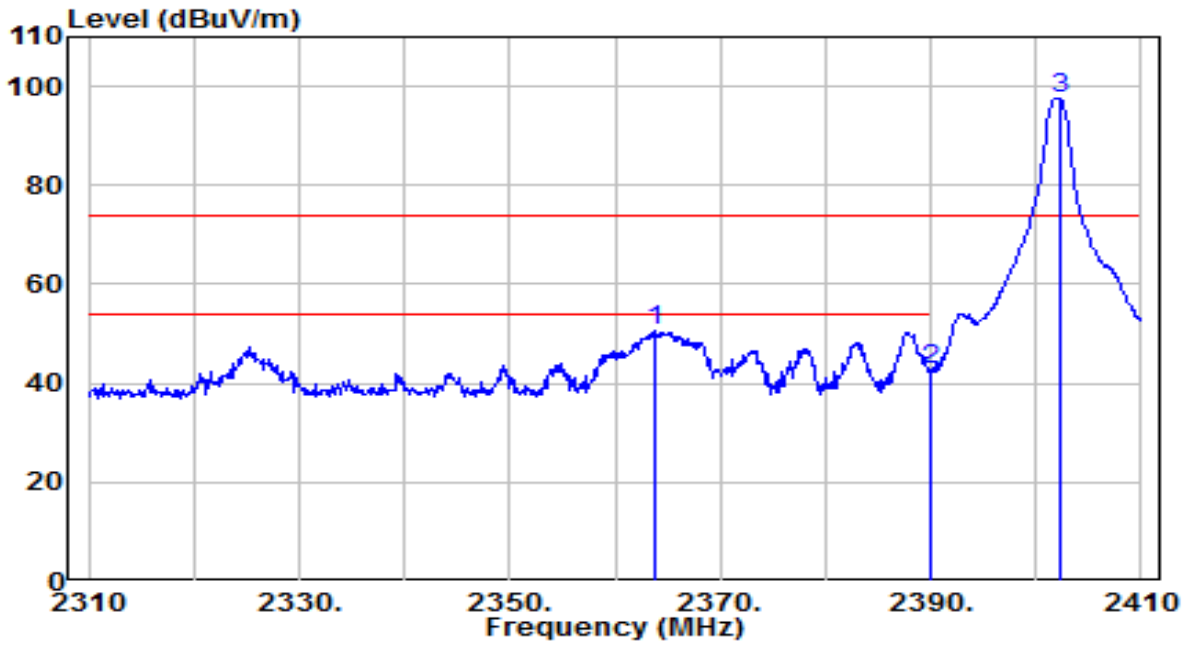


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2479.925	94.50	-1.74	92.75	N/A	N/A	145	325	Average
2	*	2483.500	49.03	-1.73	47.30	-6.70	54.00	145	325	Average
3		2484.500	45.25	-1.73	43.52	-10.48	54.00	145	325	Average

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	2024-06-26
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

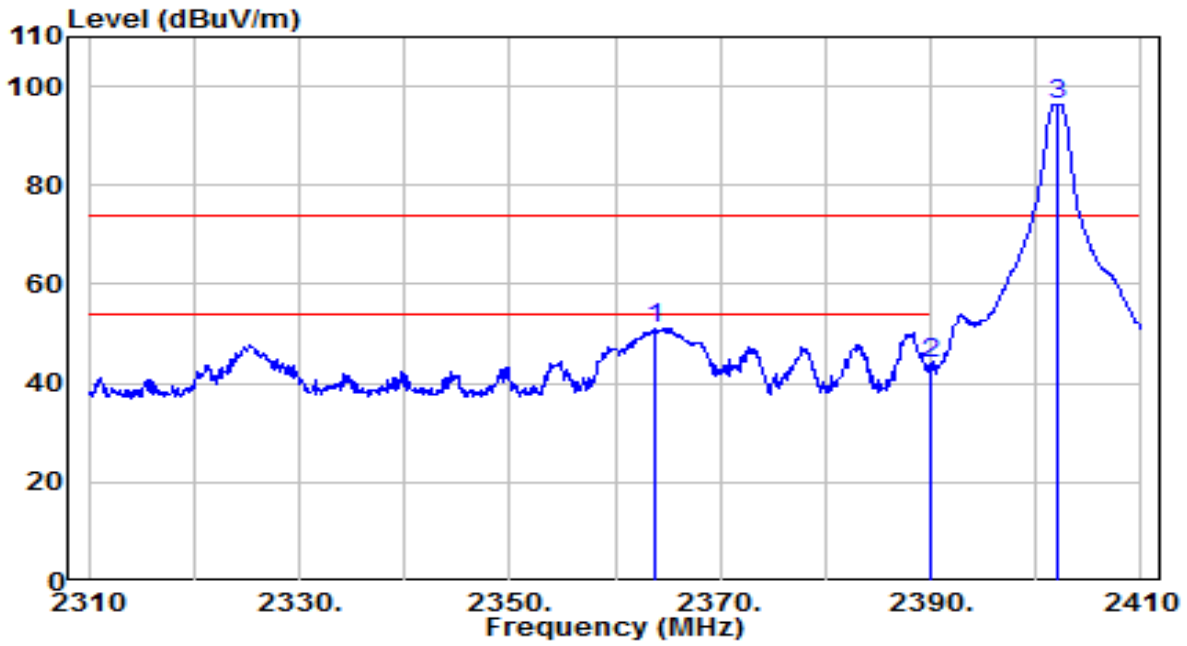


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2363.700	52.72	-2.11	50.61	-23.39	74.00	115	235	Peak
2		2390.000	44.90	-2.03	42.87	-31.13	74.00	115	235	Peak
3		2402.300	99.41	-1.99	97.42	N/A	N/A	115	235	Peak

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	2024-06-26
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

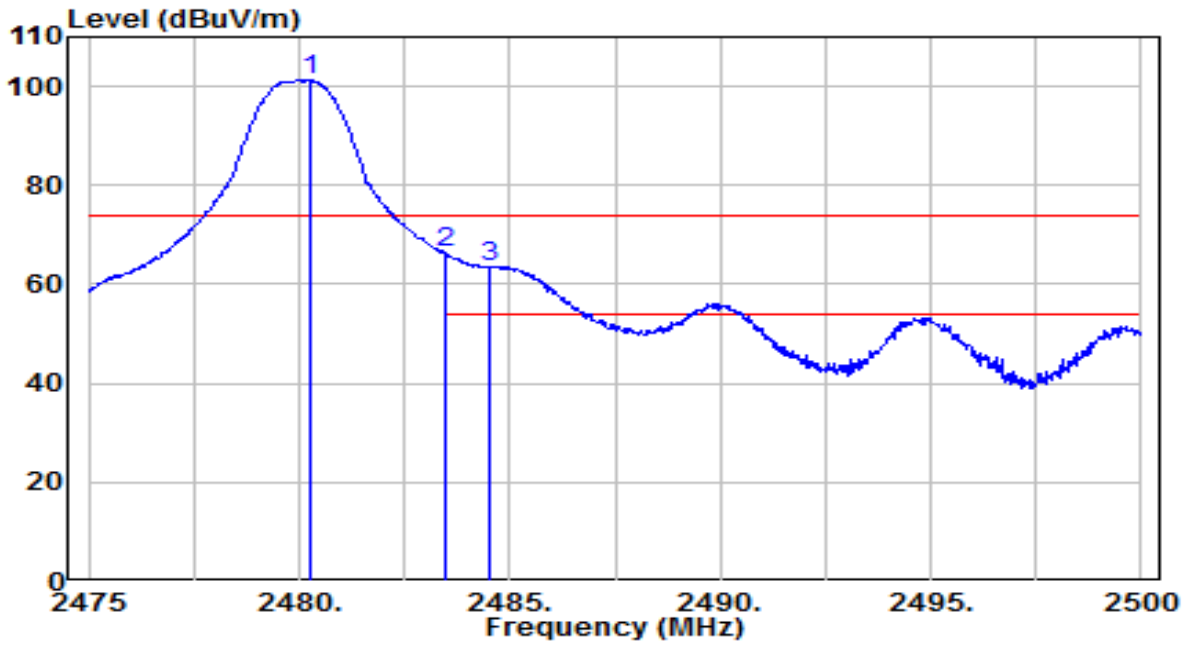


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2363.900	53.23	-2.11	51.12	-22.88	74.00	175	325	Peak
2		2390.000	46.05	-2.03	44.02	-29.98	74.00	175	325	Peak
3		2402.000	98.43	-1.99	96.44	N/A	N/A	175	325	Peak

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	2024-06-26
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

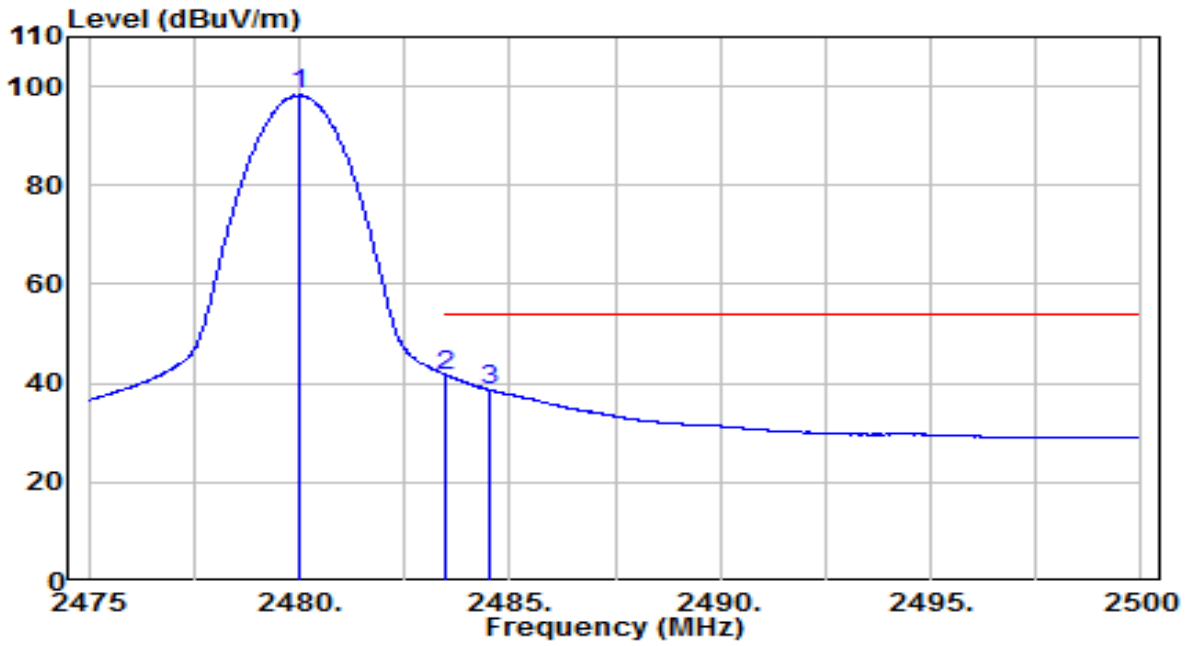


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.250	102.86	-1.74	101.12	N/A	N/A	110	235	Peak
2	*	2483.500	67.94	-1.73	66.21	-7.79	74.00	110	235	Peak
3		2484.500	65.40	-1.73	63.67	-10.33	74.00	110	235	Peak

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	2024-06-26
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

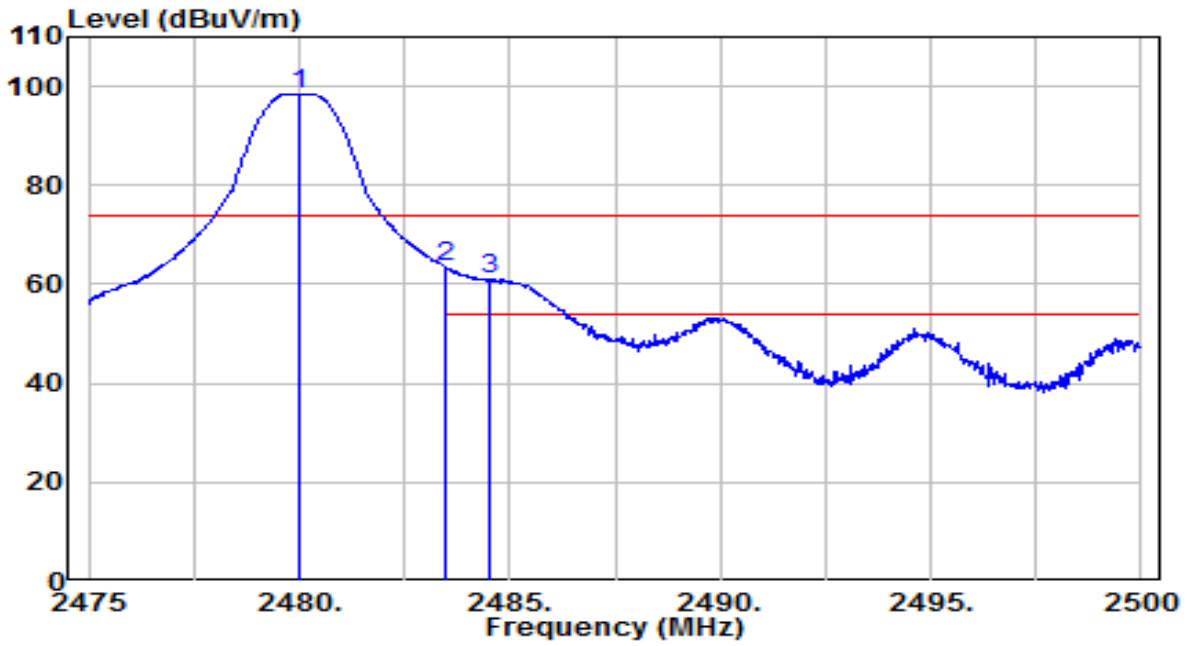


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	100.00	-1.74	98.26	N/A	N/A	110	235	Average
2	*	2483.500	43.41	-1.73	41.68	-12.32	54.00	110	235	Average
3		2484.525	40.46	-1.73	38.74	-15.26	54.00	110	235	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	2024-06-26
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

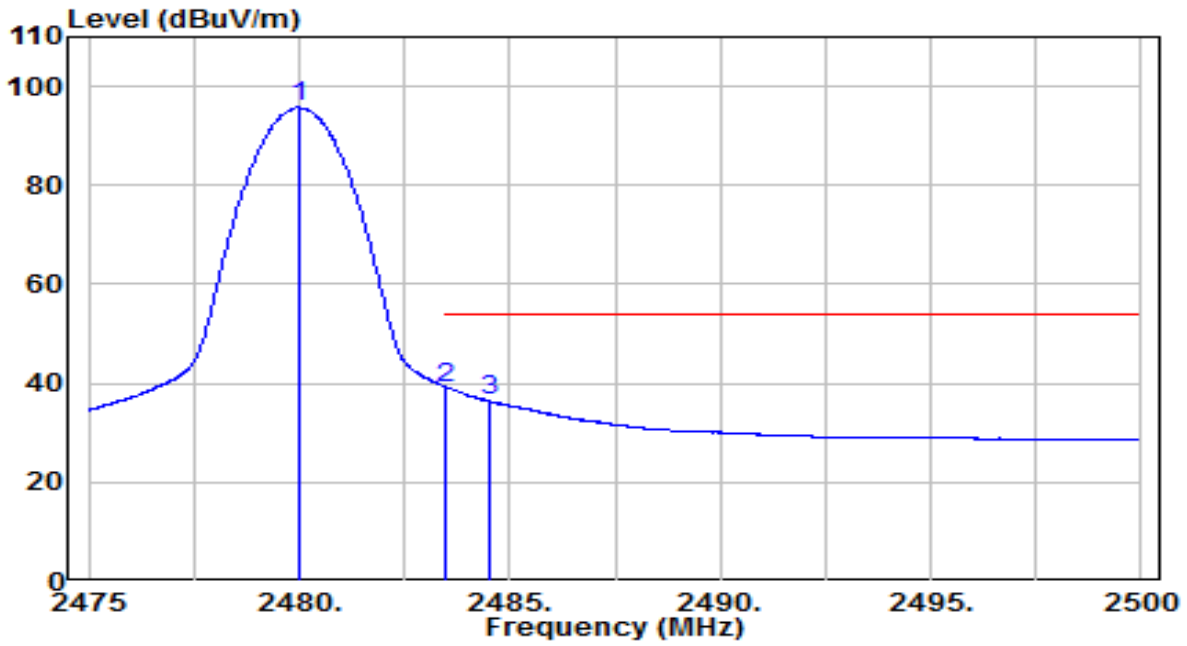


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	100.33	-1.74	98.58	N/A	N/A	145	325	Peak
2	*	2483.500	65.10	-1.73	63.37	-10.63	74.00	145	325	Peak
3		2484.500	62.70	-1.73	60.97	-13.03	74.00	145	325	Peak

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	2024-06-26
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

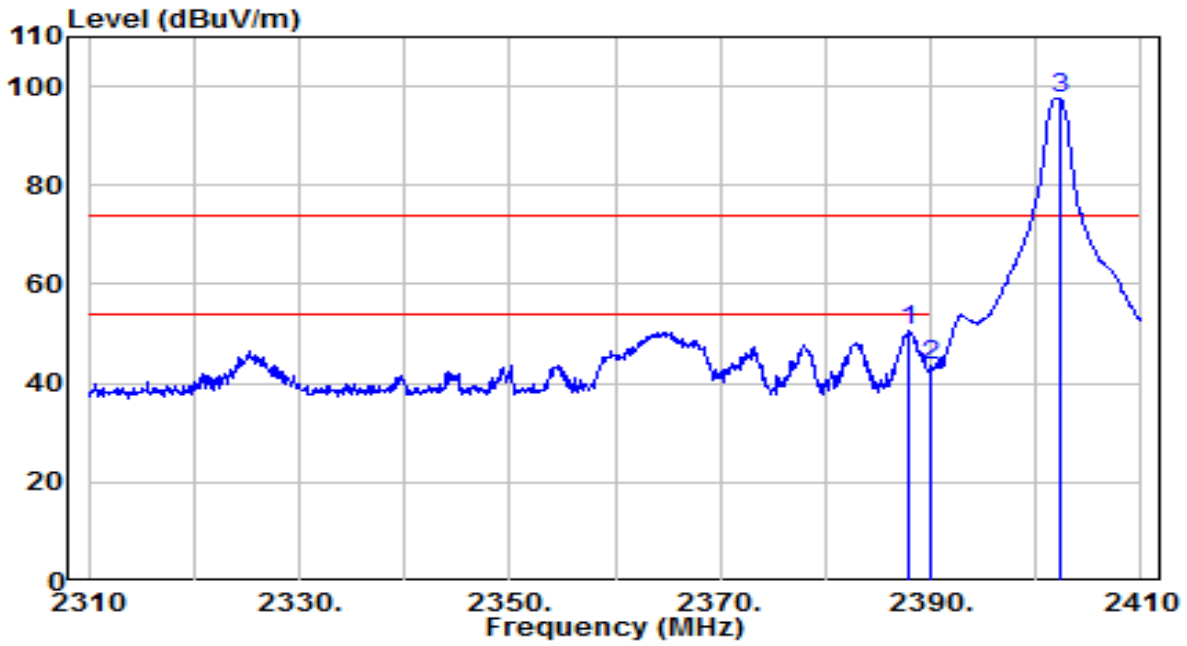


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.025	97.51	-1.74	95.77	N/A	N/A	145	325	Average
2	*	2483.500	40.95	-1.73	39.22	-14.78	54.00	145	325	Average
3		2484.500	38.09	-1.73	36.36	-17.64	54.00	145	325	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	2024-06-26
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

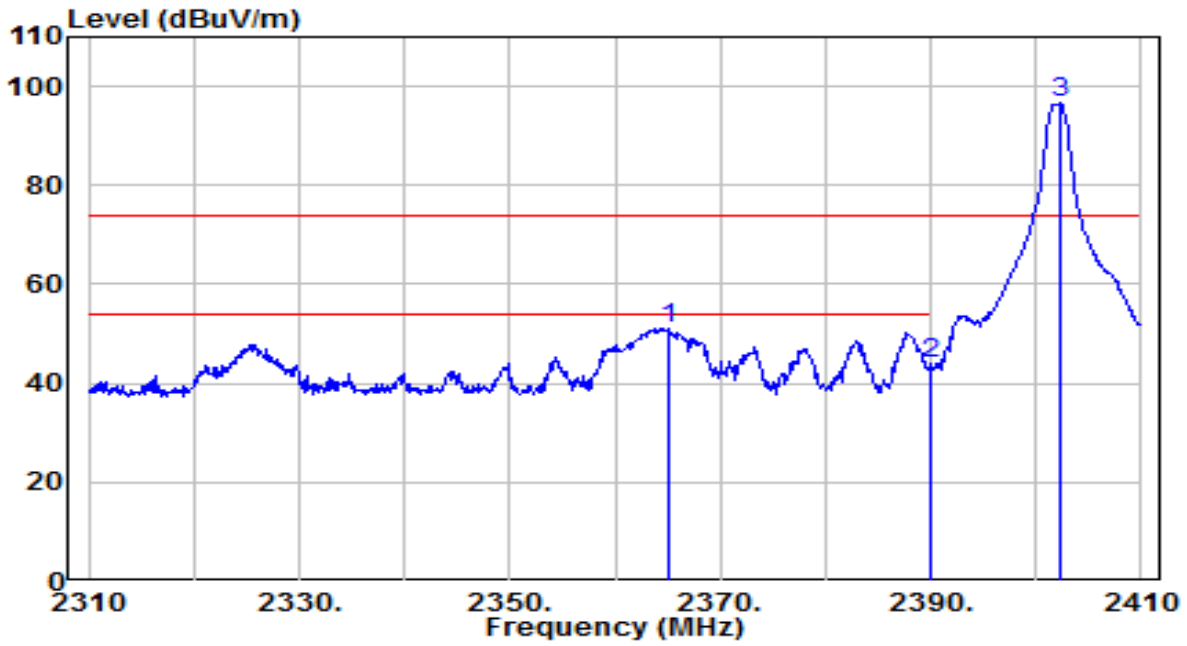


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.000	52.47	-2.03	50.44	-23.56	74.00	115	235	Peak
2		2390.000	45.47	-2.03	43.44	-30.56	74.00	115	235	Peak
3		2402.300	99.40	-1.99	97.42	N/A	N/A	115	235	Peak

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	2024-06-26
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

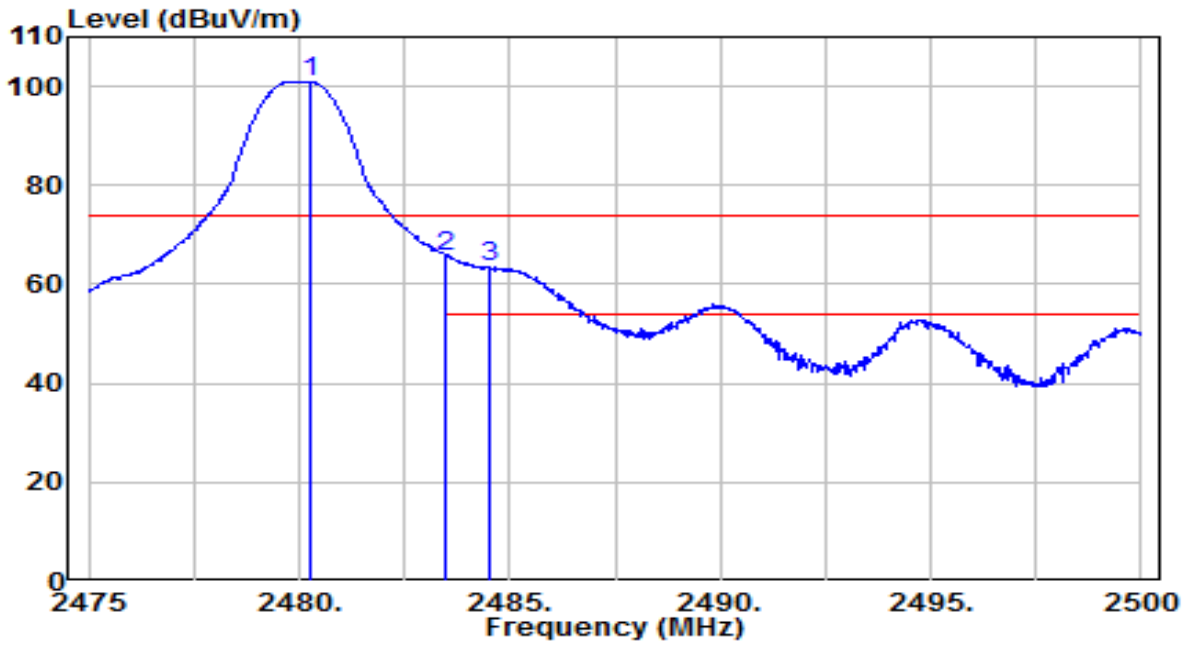


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2365.000	53.34	-2.11	51.24	-22.76	74.00	175	325	Peak
2		2390.000	45.87	-2.03	43.84	-30.16	74.00	175	325	Peak
3		2402.300	98.50	-1.99	96.51	N/A	N/A	175	325	Peak

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	2024-06-26
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

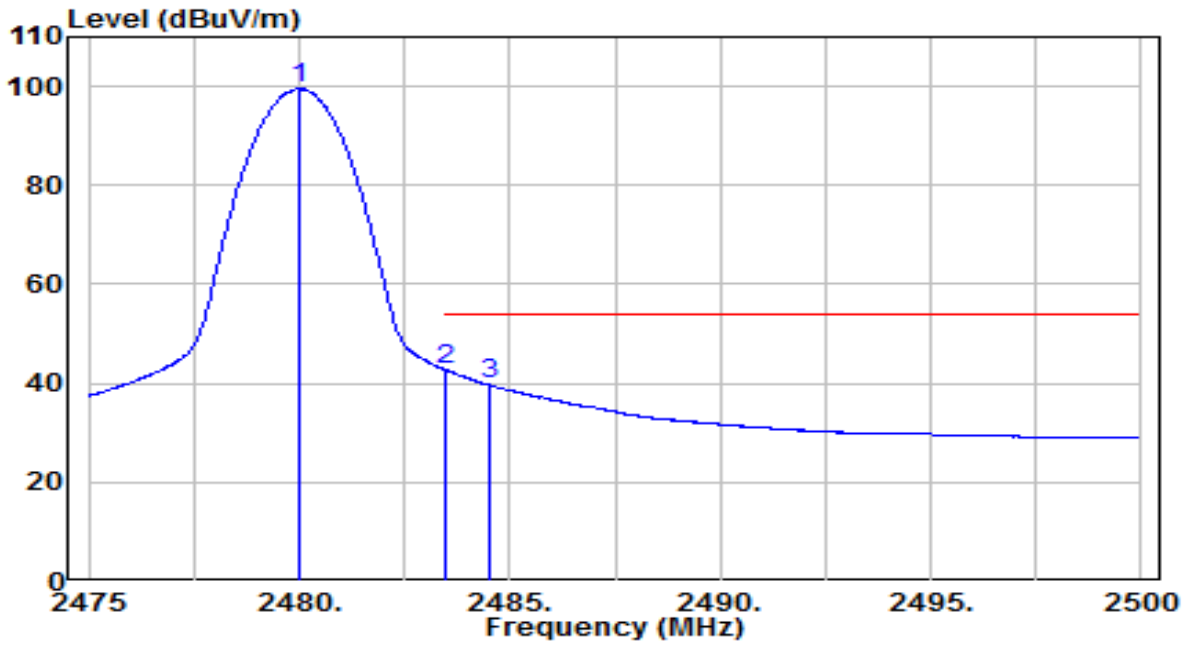


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.250	102.59	-1.74	100.85	N/A	N/A	110	235	Peak
2	*	2483.500	67.34	-1.73	65.61	-8.39	74.00	110	235	Peak
3		2484.500	65.31	-1.73	63.59	-10.41	74.00	110	235	Peak

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	2024-06-26
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

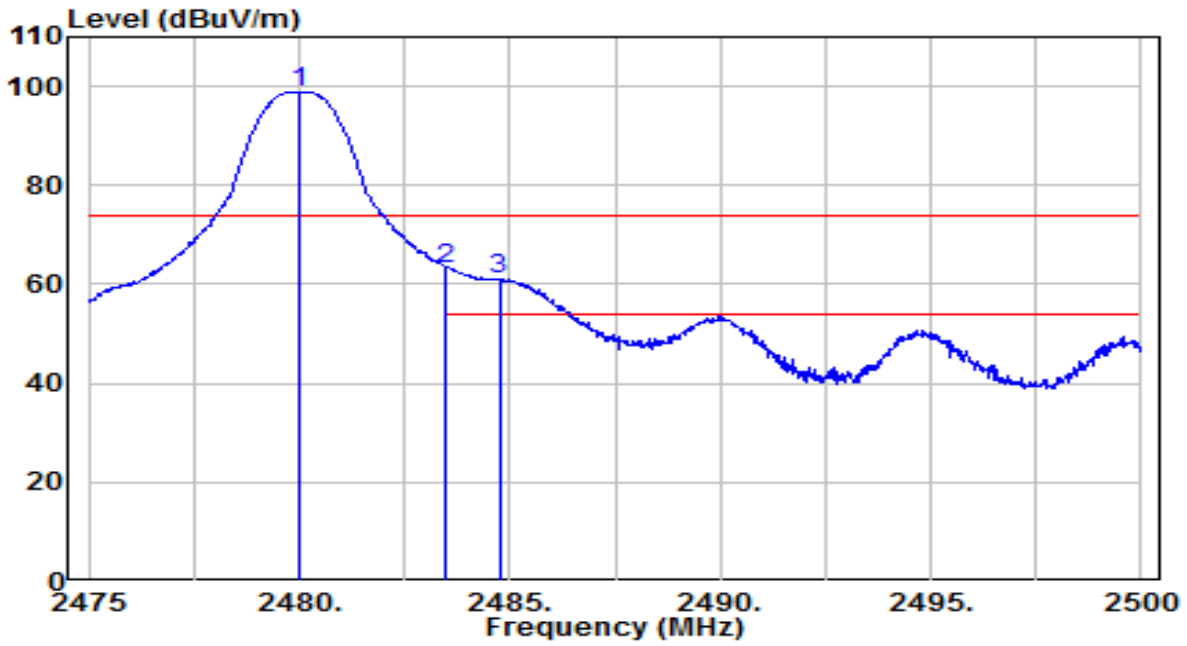


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	101.28	-1.74	99.54	N/A	N/A	110	235	Average
2	*	2483.500	44.40	-1.73	42.67	-11.33	54.00	110	235	Average
3		2484.500	41.46	-1.73	39.73	-14.27	54.00	110	235	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	2024-06-26
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

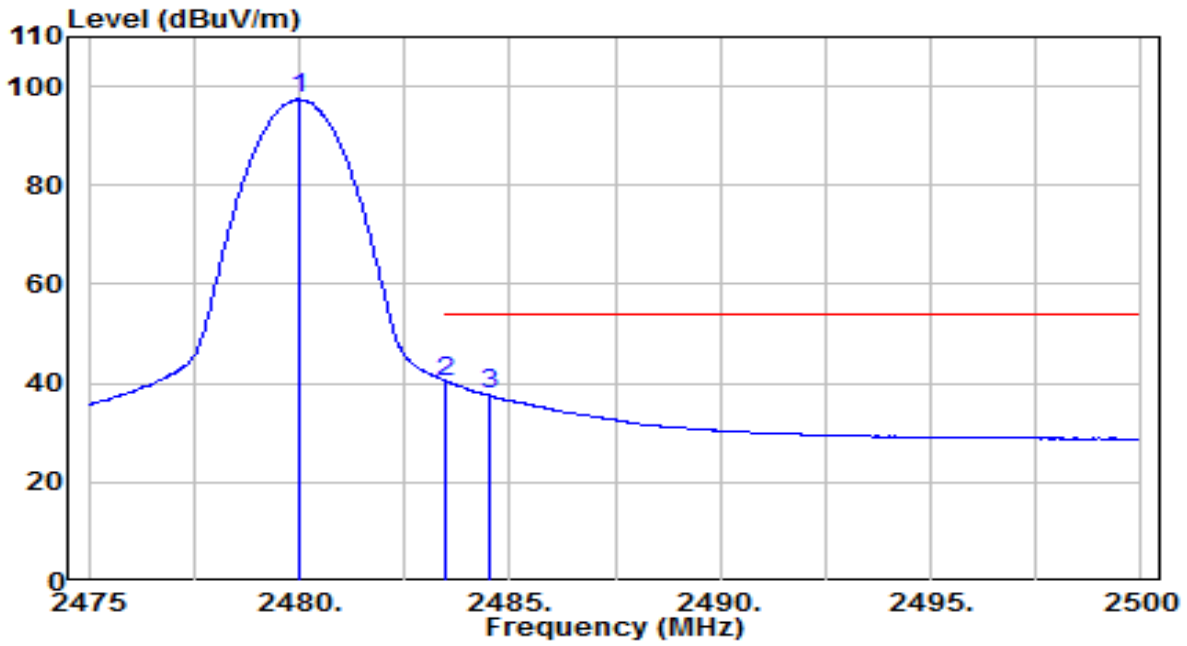


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2480.000	100.43	-1.74	98.69	N/A	N/A	145	325	Peak
2	*	2483.500	64.75	-1.73	63.02	-10.98	74.00	145	325	Peak
3		2484.750	62.80	-1.73	61.07	-12.93	74.00	145	325	Peak

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	2024-06-26
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		2480.025	99.11	-1.74	97.36	N/A	N/A	145	325	Average
2	*	2483.500	42.17	-1.73	40.43	-13.57	54.00	145	325	Average
3		2484.500	39.34	-1.73	37.61	-16.39	54.00	145	325	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.

7.8. AC Conducted Emissions Measurement

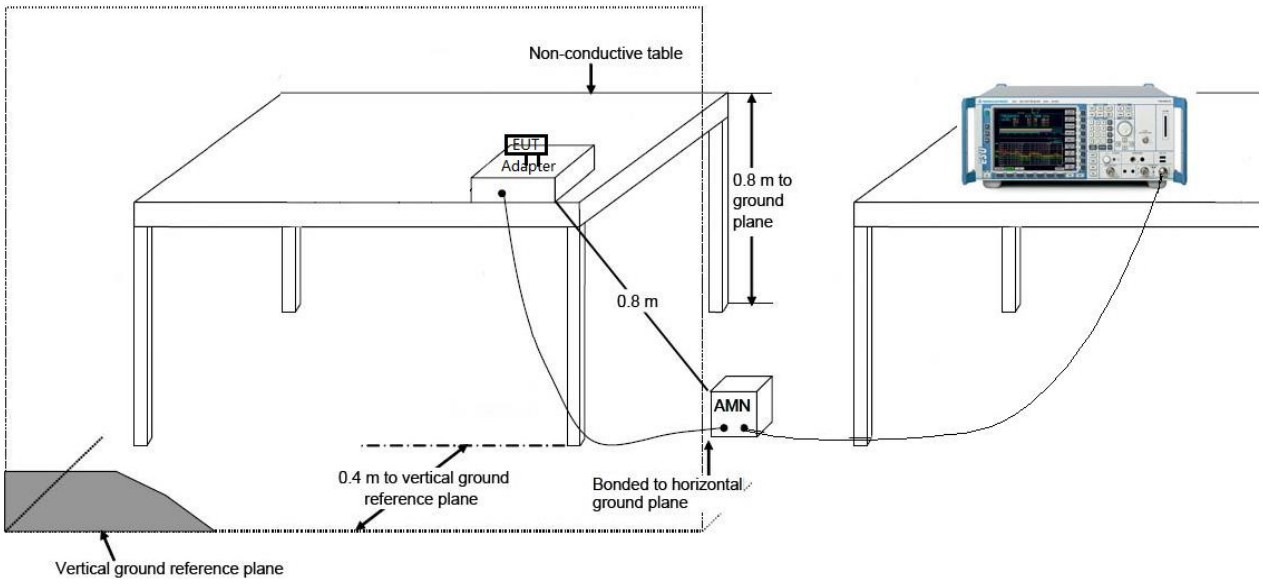
7.8.1. Test Limit

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.

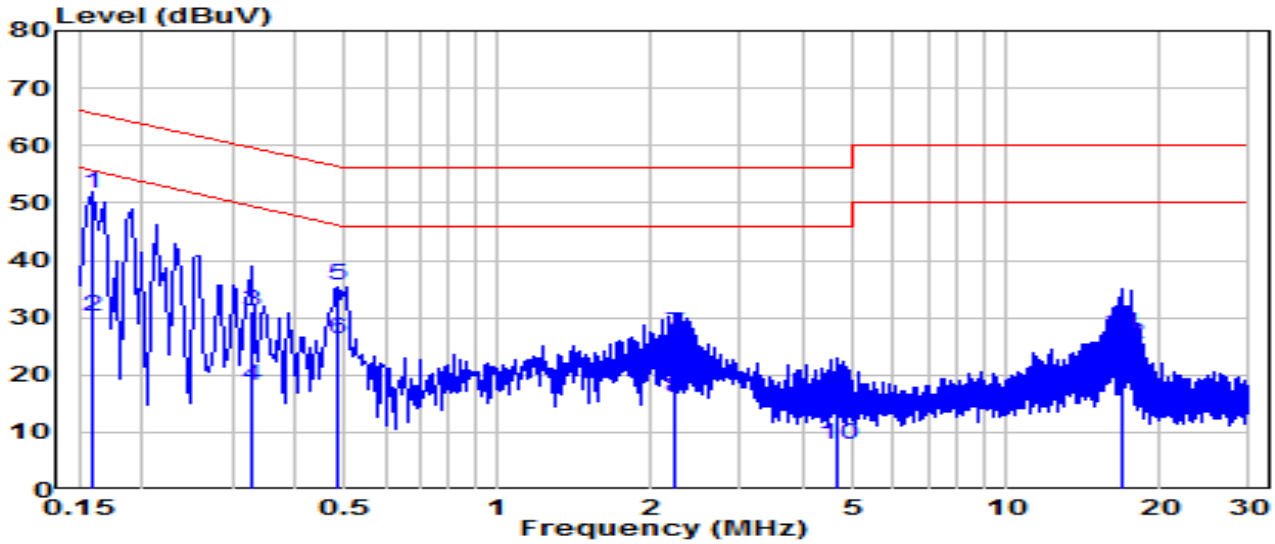
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	Mobile Computer_WLAN	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	41.85	9.63	51.48	-14.04	65.52	QP
2	*	0.159	20.67	9.63	30.30	-25.21	55.52	Average
3		0.330	21.50	9.64	31.14	-28.31	59.45	QP
4		0.330	8.47	9.64	18.11	-31.34	49.45	Average
5		0.483	25.93	9.65	35.58	-20.70	56.29	QP
6		0.483	16.61	9.65	26.26	-20.03	46.29	Average
7		2.242	17.33	9.70	27.04	-28.96	56.00	QP
8		2.242	6.30	9.70	16.00	-30.00	46.00	Average
9		4.636	5.84	9.74	15.58	-40.42	56.00	QP
10		4.636	-1.97	9.74	7.77	-38.23	46.00	Average
11		16.857	17.34	9.91	27.26	-32.74	60.00	QP
12		16.857	15.36	9.91	25.27	-24.73	50.00	Average

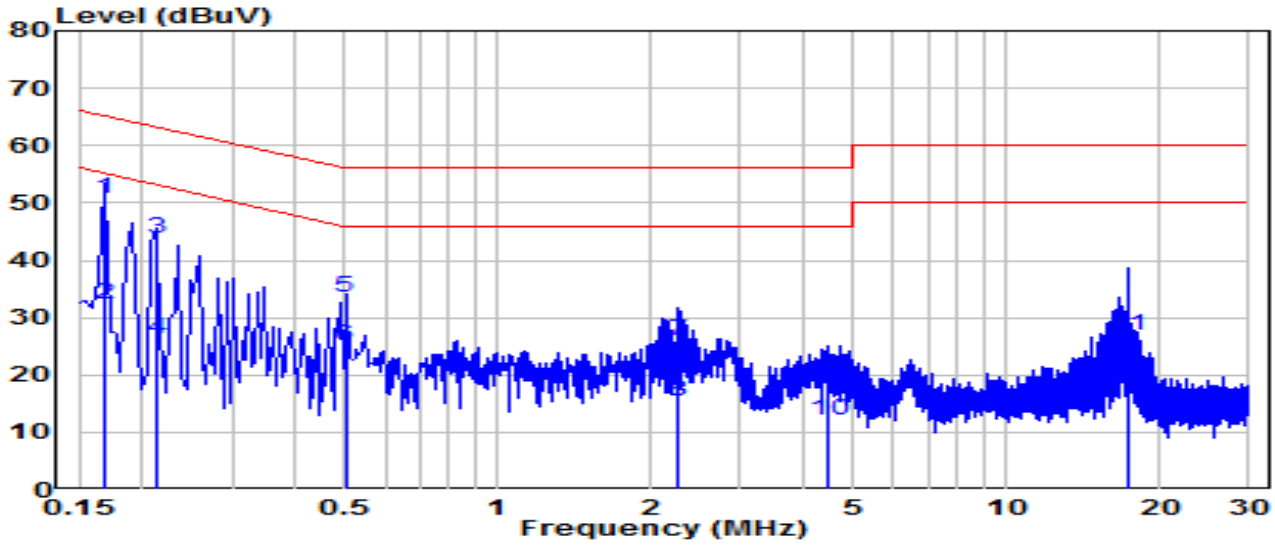
Note:

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_WLAN	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

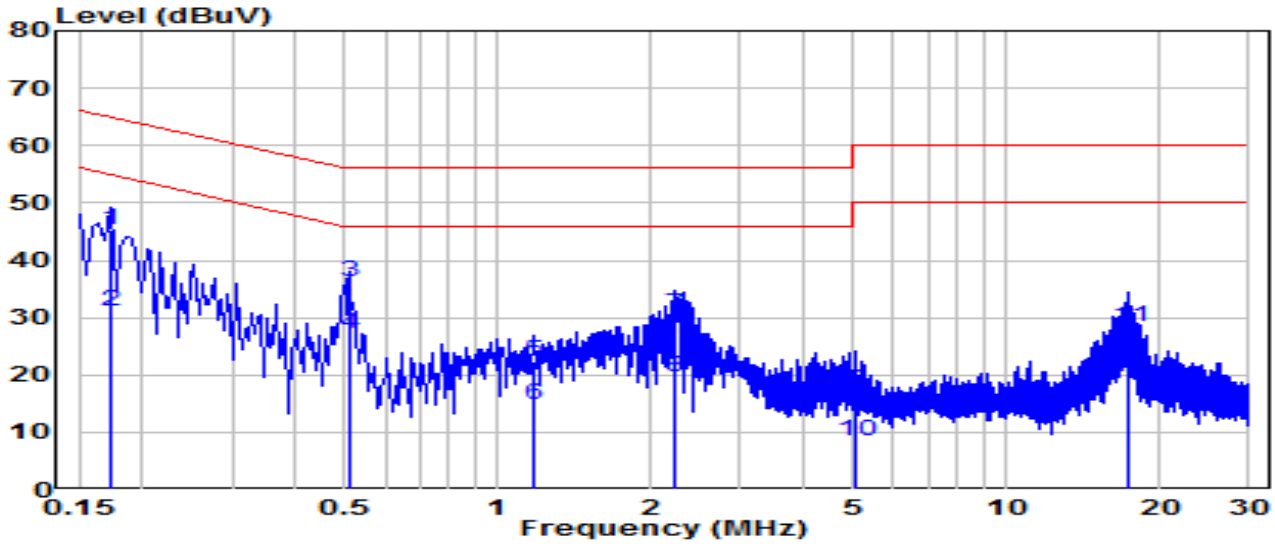


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.168	41.13	9.63	50.76	-14.30	65.06	QP
2	*	0.168	22.73	9.63	32.36	-22.70	55.06	Average
3		0.213	34.10	9.63	43.74	-19.35	63.09	QP
4		0.213	16.64	9.63	26.28	-26.81	53.09	Average
5		0.501	23.81	9.65	33.46	-22.54	56.00	QP
6		0.501	15.48	9.65	25.13	-20.87	46.00	Average
7		2.269	16.13	9.71	25.84	-30.16	56.00	QP
8		2.269	5.68	9.71	15.39	-30.61	46.00	Average
9		4.488	8.13	9.75	17.88	-38.12	56.00	QP
10		4.488	2.19	9.75	11.94	-34.06	46.00	Average
11		17.406	16.87	9.97	26.84	-33.16	60.00	QP
12		17.406	7.45	9.97	17.42	-32.58	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_WLAN	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

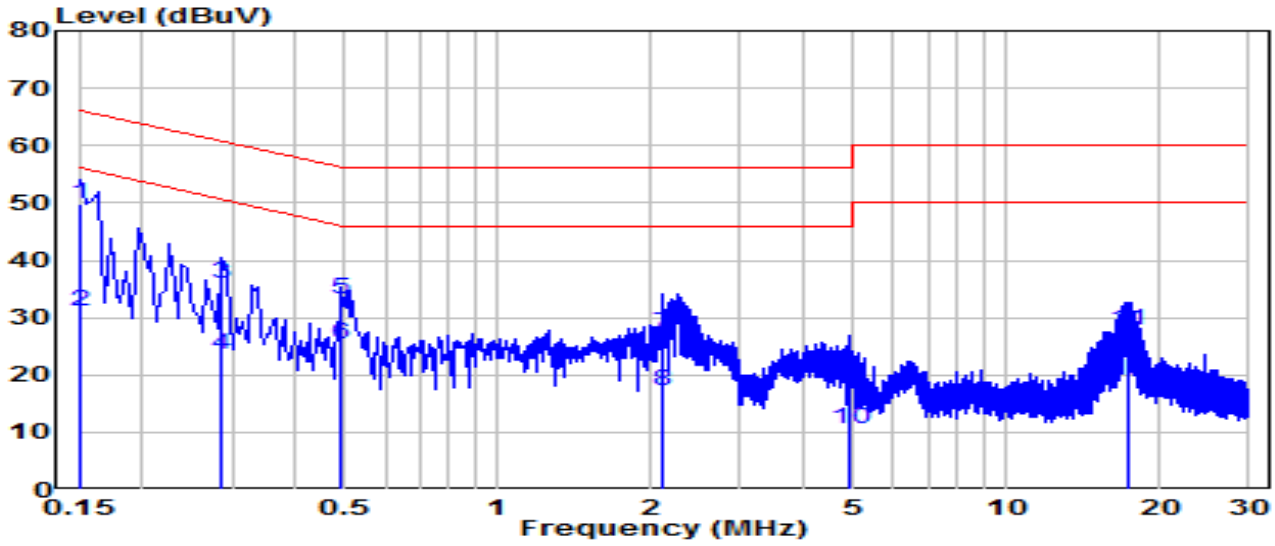


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.172	35.58	9.63	45.21	-19.62	64.84	QP
2		0.172	21.39	9.63	31.03	-23.81	54.84	Average
3	*	0.510	26.62	9.65	36.27	-19.73	56.00	QP
4	*	0.510	17.65	9.65	27.30	-18.70	46.00	Average
5		1.171	12.63	9.68	22.31	-33.69	56.00	QP
6		1.171	5.22	9.68	14.90	-31.10	46.00	Average
7		2.224	20.83	9.70	30.53	-25.47	56.00	QP
8		2.224	9.99	9.70	19.70	-26.30	46.00	Average
9		5.082	7.59	9.75	17.34	-42.66	60.00	QP
10		5.082	-1.43	9.75	8.32	-41.68	50.00	Average
11		17.433	18.58	9.92	28.50	-31.50	60.00	QP
12		17.433	9.73	9.92	19.65	-30.35	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_WLAN	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	*	0.150	40.29	9.63	49.92	-16.08	66.00	QP
2	*	0.150	21.51	9.63	31.14	-24.86	56.00	Average
3		0.285	26.39	9.64	36.03	-24.64	60.67	QP
4		0.285	13.90	9.64	23.54	-27.13	50.67	Average
5		0.492	23.51	9.65	33.16	-22.98	56.13	QP
6		0.492	15.75	9.65	25.40	-20.73	46.13	Average
7		2.116	17.45	9.71	27.17	-28.83	56.00	QP
8		2.116	7.42	9.71	17.13	-28.87	46.00	Average
9		4.897	8.34	9.76	18.10	-37.90	56.00	QP
10		4.897	0.95	9.76	10.71	-35.29	46.00	Average
11		17.343	17.79	9.97	27.76	-32.24	60.00	QP
12		17.343	9.17	9.97	19.13	-30.87	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-UT” file.

Appendix B : External Photograph

Refer to “2405TW0107-UE” file.

Appendix C : Internal Photograph

Refer to “2405TW0107-UI” file.

The End