



**BUREAU
VERITAS**

Test Report No.: W7L-P22100003RF01

BLUETOOTH LE _S2

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.84	58.88	74	-23.16	31.75	6.18	45.97	100	302	Peak
2390	44.24	52.28	54	-9.76	31.75	6.18	45.97	100	310	Average
2402	83.56	91.55	/	/	31.79	6.19	45.97	150	174	Peak
2402	83.13	91.12	/	/	31.79	6.19	45.97	150	169	Average
2483.5	51.69	59.26	74	-22.31	32.05	6.31	45.93	100	130	Peak
2483.5	43.78	51.35	54	-10.22	32.05	6.31	45.93	100	126	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.81	58.46	74	-23.19	32.14	6.18	45.97	200	148	Peak
2390	44.21	51.86	54	-9.79	32.14	6.18	45.97	200	143	Average
2402	89.19	96.81	/	/	32.16	6.19	45.97	150	103	Peak
2402	88.54	96.16	/	/	32.16	6.19	45.97	150	103	Average
2483.5	51.23	58.49	74	-22.77	32.36	6.31	45.93	150	157	Peak
2483.5	44.36	51.62	54	-9.64	32.36	6.31	45.93	150	149	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.



CHANNEL	TX Channel 19	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.81	59.85	74	-22.19	31.75	6.18	45.97	150	187	Peak
2390	43.23	51.27	54	-10.77	31.75	6.18	45.97	150	178	Average
2440	84.23	92.02	/	/	31.91	6.25	45.95	100	206	Peak
2440	84.13	91.92	/	/	31.91	6.25	45.95	100	240	Average
2483.5	51.47	59.04	74	-22.53	32.05	6.31	45.93	150	20	Peak
2483.5	43.72	51.29	54	-10.28	32.05	6.31	45.93	150	46	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.57	59.22	74	-22.43	32.14	6.18	45.97	150	187	Peak
2390	44.05	51.7	54	-9.95	32.14	6.18	45.97	150	144	Average
2440	88.89	96.33	/	/	32.26	6.25	45.95	150	352	Peak
2440	87.16	94.6	/	/	32.26	6.25	45.95	150	341	Average
2483.5	50.96	58.22	74	-23.04	32.36	6.31	45.93	100	326	Peak
2483.5	44.09	51.35	54	-9.91	32.36	6.31	45.93	100	357	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.



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Test Report No.: W7L-P22100003RF01

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.37	58.41	74	-23.63	31.75	6.18	45.97	150	187	Peak
2390	44.25	52.29	54	-9.75	31.75	6.18	45.97	150	162	Average
2480	83.5	91.09	/	/	32.04	6.3	45.93	200	172	Peak
2480	82.56	90.15	/	/	32.04	6.3	45.93	200	166	Average
2483.5	51.75	59.32	74	-22.25	32.05	6.31	45.93	100	245	Peak
2483.5	43.65	51.22	54	-10.35	32.05	6.31	45.93	100	255	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.32	58.97	74	-22.68	32.14	6.18	45.97	150	258	Peak
2390	44.08	51.73	54	-9.92	32.14	6.18	45.97	150	265	Average
2480	88.81	96.09	/	/	32.35	6.3	45.93	200	1	Peak
2480	88.51	95.79	/	/	32.35	6.3	45.93	200	8	Average
2483.5	51.02	58.28	74	-22.98	32.36	6.31	45.93	100	40	Peak
2483.5	44.34	51.6	54	-9.66	32.36	6.31	45.93	100	62	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2480MHz: Fundamental frequency.



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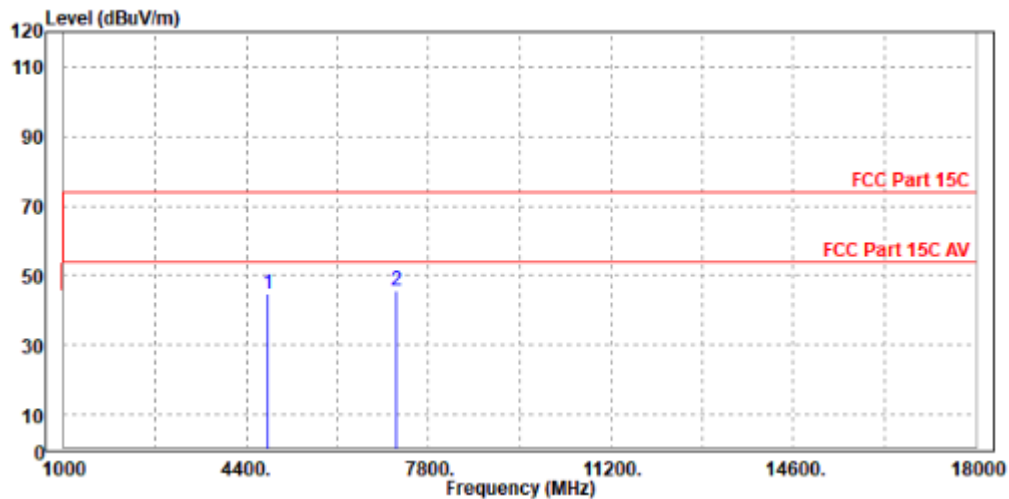
Test Report No.: W7L-P22100003RF01

Worst case harmonic:

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4808.000	44.75	46.19	74.00	-29.25	-1.44	Peak	Horizontal
2 PP	7206.000	45.69	43.95	74.00	-28.31	1.74	Peak	Horizontal



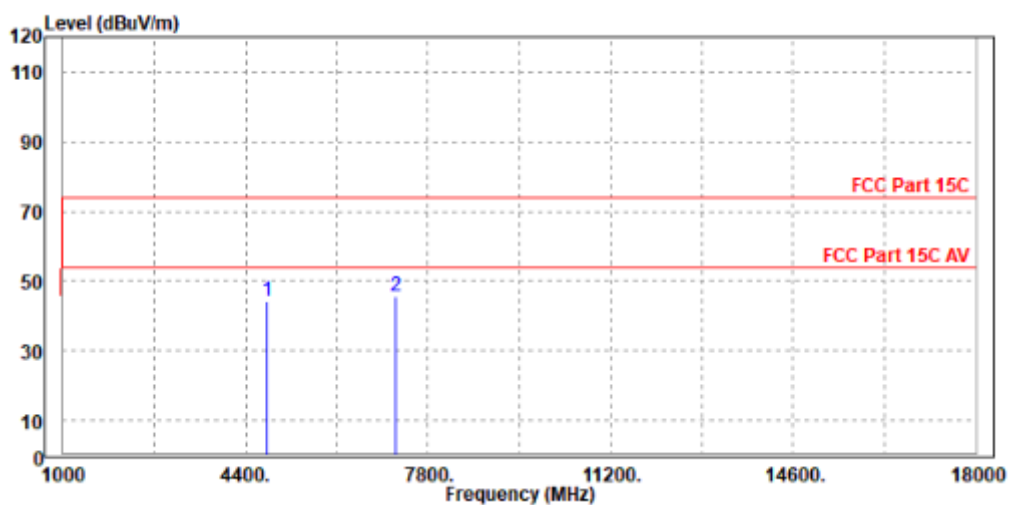


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Test Report No.: W7L-P22100003RF01

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4804.000	44.13	45.37	74.00	-29.87	-1.24	Peak	Vertical
2 PP	7205.000	45.47	43.61	74.00	-28.53	1.86	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.



BLUETOOTH LE _S8

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.7	59.74	74	-22.3	31.75	6.18	45.97	150	335	Peak
2390	43.75	51.79	54	-10.25	31.75	6.18	45.97	150	326	Average
2402	83.75	91.74	/	/	31.79	6.19	45.97	200	159	Peak
2402	83.47	91.46	/	/	31.79	6.19	45.97	200	189	Average
2483.5	52	59.57	74	-22	32.05	6.31	45.93	200	0	Peak
2483.5	44.58	52.15	54	-9.42	32.05	6.31	45.93	200	17	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.24	58.89	74	-22.76	32.14	6.18	45.97	150	187	Peak
2390	44.52	52.17	54	-9.48	32.14	6.18	45.97	150	167	Average
2402	89.13	96.75	/	/	32.16	6.19	45.97	100	276	Peak
2402	88.69	96.31	/	/	32.16	6.19	45.97	100	271	Average
2483.5	51.63	58.89	74	-22.37	32.36	6.31	45.93	150	44	Peak
2483.5	44.1	51.36	54	-9.9	32.36	6.31	45.93	150	65	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.



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CHANNEL	TX Channel 19	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.71	59.75	74	-22.29	31.75	6.18	45.97	150	187	Peak
2390	44.33	52.37	54	-9.67	31.75	6.18	45.97	150	166	Average
2440	84.32	92.11	/	/	31.91	6.25	45.95	200	104	Peak
2440	83.53	91.32	/	/	31.91	6.25	45.95	200	116	Average
2483.5	52.49	60.06	74	-21.51	32.05	6.31	45.93	150	137	Peak
2483.5	43.66	51.23	54	-10.34	32.05	6.31	45.93	150	124	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.09	58.74	74	-22.91	32.14	6.18	45.97	150	315	Peak
2390	43.88	51.53	54	-10.12	32.14	6.18	45.97	150	304	Average
2440	87.99	95.43	/	/	32.26	6.25	45.95	100	256	Peak
2440	87.81	95.25	/	/	32.26	6.25	45.95	100	242	Average
2483.5	52.31	59.57	74	-21.69	32.36	6.31	45.93	150	232	Peak
2483.5	44.49	51.75	54	-9.51	32.36	6.31	45.93	150	230	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.



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Test Report No.: W7L-P22100003RF01

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.94	58.98	74	-23.06	31.75	6.18	45.97	150	187	Peak
2390	43.85	51.89	54	-10.15	31.75	6.18	45.97	150	179	Average
2480	82.96	90.55	/	/	32.04	6.3	45.93	100	262	Peak
2480	82.33	89.92	/	/	32.04	6.3	45.93	100	226	Average
2483.5	51.13	58.7	74	-22.87	32.05	6.31	45.93	200	214	Peak
2483.5	44.16	51.73	54	-9.84	32.05	6.31	45.93	200	202	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	52.2	59.85	74	-21.8	32.14	6.18	45.97	150	187	Peak
2390	44.04	51.69	54	-9.96	32.14	6.18	45.97	150	155	Average
2480	89.37	96.65	/	/	32.35	6.3	45.93	100	49	Peak
2480	87.99	95.27	/	/	32.35	6.3	45.93	100	47	Average
2483.5	52.43	59.69	74	-21.57	32.36	6.31	45.93	150	314	Peak
2483.5	44.71	51.97	54	-9.29	32.36	6.31	45.93	150	304	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2480MHz: Fundamental frequency.



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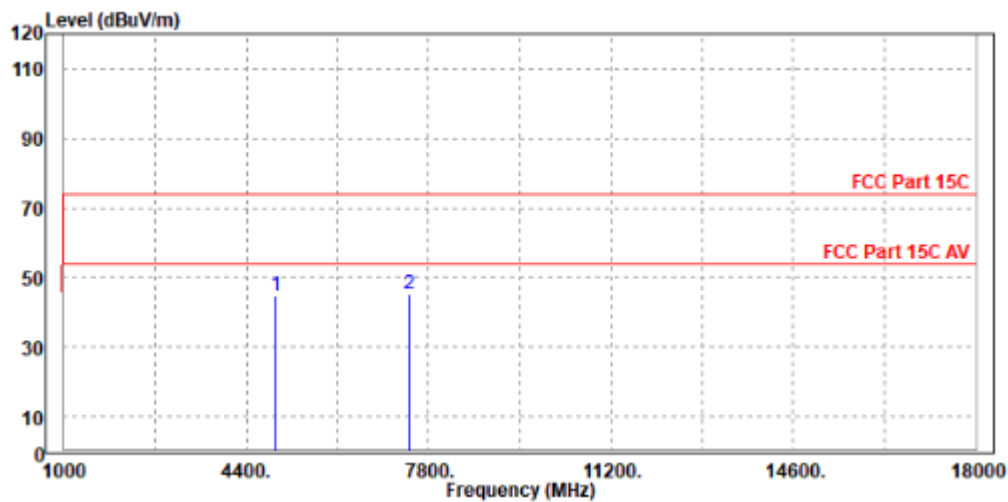
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Worst case harmonic:

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4960.000	44.58	45.77	74.00	-29.42	-1.19	Peak	Horizontal
2 PP	7443.000	45.09	43.11	74.00	-28.91	1.98	Peak	Horizontal



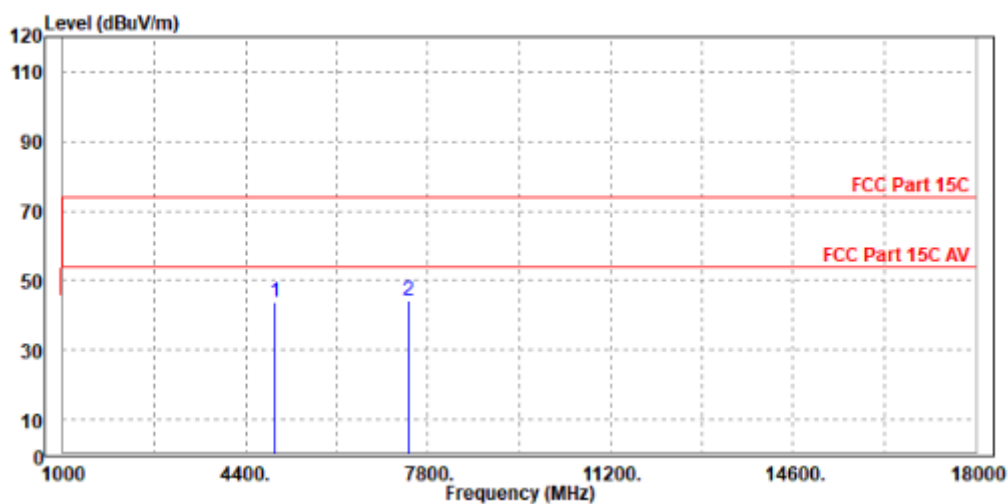


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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4961.000	43.66	44.65	74.00	-30.34	-0.99	Peak	Vertical
2 PP	7440.000	44.38	42.37	74.00	-29.62	2.01	Peak	Vertical



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2480MHz: Fundamental frequency.



3.3 6 dB BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 22,22	Feb. 21,23
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 18,22	Feb. 17,23
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.15,22	May.14,23
Power Sensor	ANRITSU	MA2411B	1339352	May. 06,22	May. 05,23

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

3.3.3 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.



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3.3.7 TEST RESULTS

Please Refer to Appendix Of this test report.

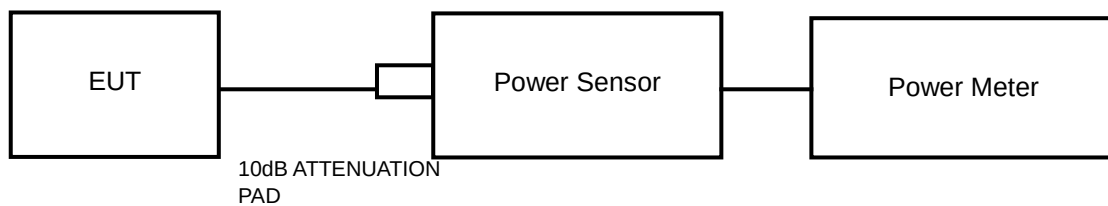


3.4 CONDUCTED OUTPUT POWER

3.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm)

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.2.2 to get information of above instrument.

3.4.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.



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3.4.7 TEST RESULTS

3.4.7.1 MAXIMUM PEAK OUTPUT POWER

Please Refer to Appendix1 Of this test report.



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3.4.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

Please Refer to Appendix Of this test report.

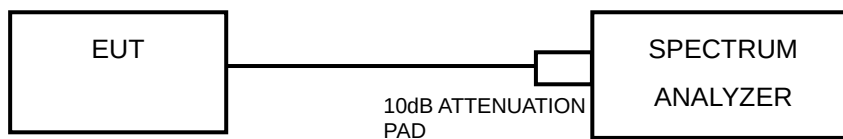


3.5 POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm/3KHz.

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.5.4 TEST PROCEDURE

1. Set the span to 1.5 times the DTS bandwidth
2. Set the RBW = 3 kHz, VBW $\geq 3 \times$ RBW, Detector = peak.
3. Sweep time = auto couple, Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.



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3.5.7 TEST RESULTS

Please Refer to Appendix Of this test report.

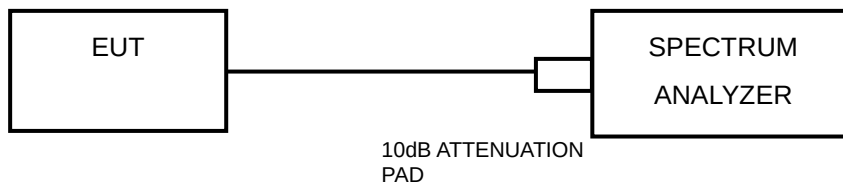


3.6 OUT OF BAND EMISSION MEASUREMENT

3.6.1 LIMITS OF OUT OF BAND EMISSION MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.6.4 TEST PROCEDURE

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW $\geq$ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.



MEASUREMENT PROCEDURE OOB

1. Set RBW = 100 kHz.
2. Set VBW $\geq$ 300 kHz.
3. Set span to encompass the spectrum to be examined
4. Detector = peak.
5. Trace Mode = max hold.
6. Sweep = auto couple.

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.

3.6.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.6.7 TEST RESULTS

The spectrum plots are attached on the following images. D1 line indicates the highest level. D2 line indicates the 20dB offset below D1. It shows compliance to the requirement.

Please Refer to Appendix Of this test report.



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4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



6 Appendix:

DTS BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	0.688	2401.660	2402.348	0.5	PASS
		2440	0.692	2439.668	2440.360	0.5	PASS
		2480	0.680	2479.672	2480.352	0.5	PASS
BLE_1M	Ant1	2402	0.692	2401.676	2402.368	0.5	PASS
		2440	0.712	2439.652	2440.364	0.5	PASS
		2480	0.720	2479.644	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.384	2401.324	2402.708	0.5	PASS
		2440	1.380	2439.320	2440.700	0.5	PASS
		2480	1.384	2479.320	2480.704	0.5	PASS
BLE_500K	Ant1	2402	0.716	2401.644	2402.360	0.5	PASS
		2440	0.712	2439.660	2440.372	0.5	PASS
		2480	0.668	2479.684	2480.352	0.5	PASS

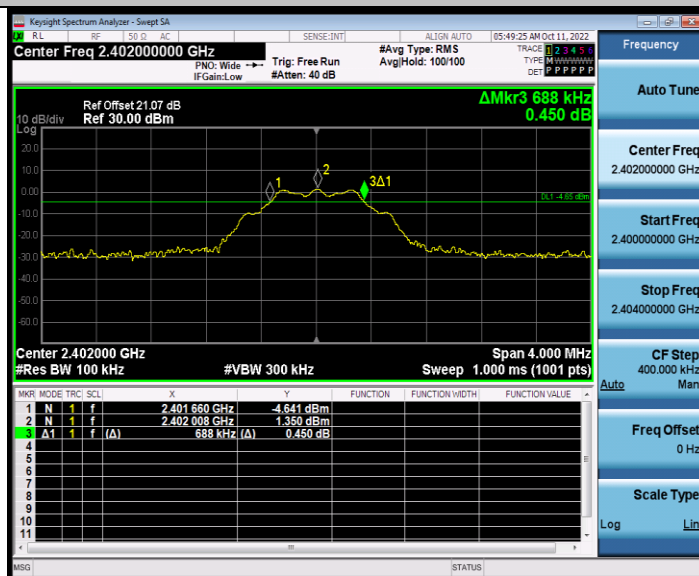


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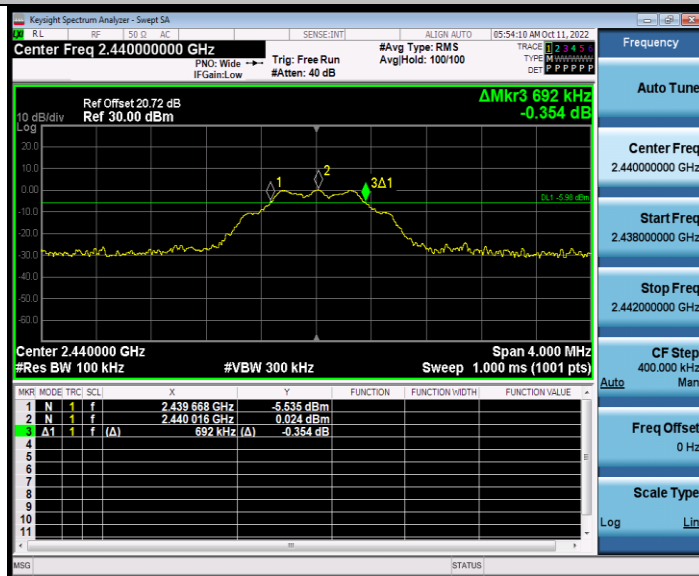
Test Report No.: W7L-P22100003RF01

TEST GRAPHS

BLE_125K_Ant1_2402



BLE_125K_Ant1_2440

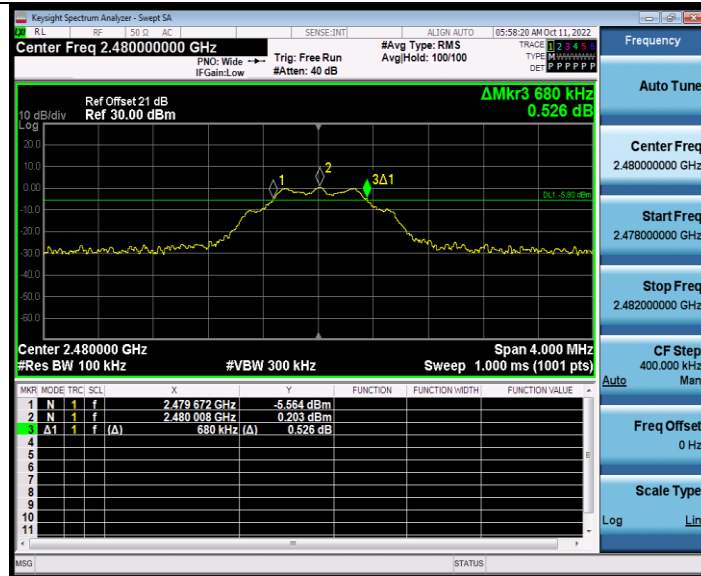


BLE_125K_Ant1_2480

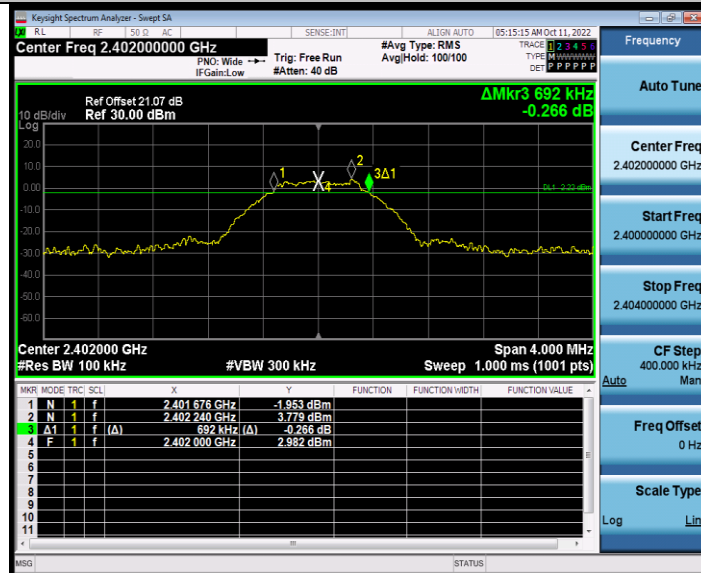


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Test Report No.: W7L-P22100003RF01



BLE_1M_Ant1_2402

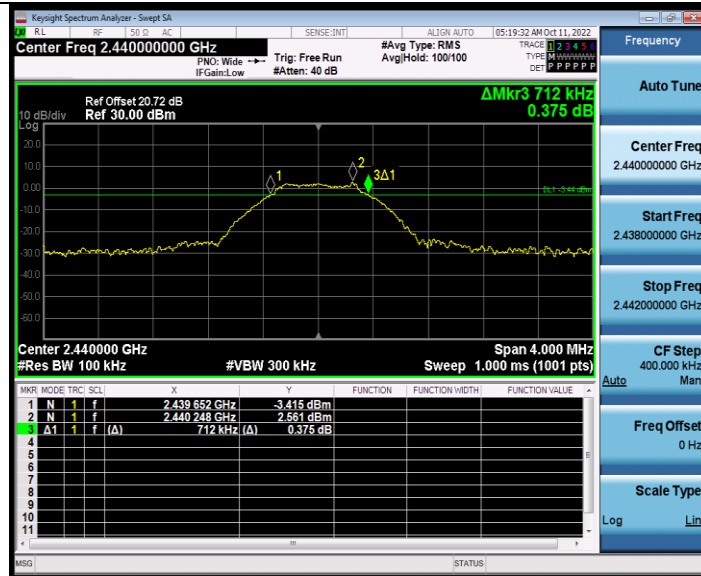


BLE_1M_Ant1_2440

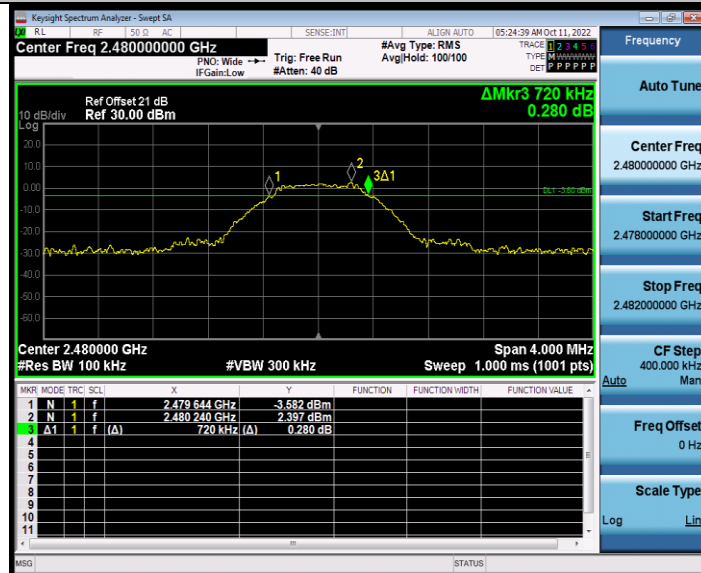


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Test Report No.: W7L-P22100003RF01



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



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VERITAS

Test Report No.: W7L-P22100003RF01



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

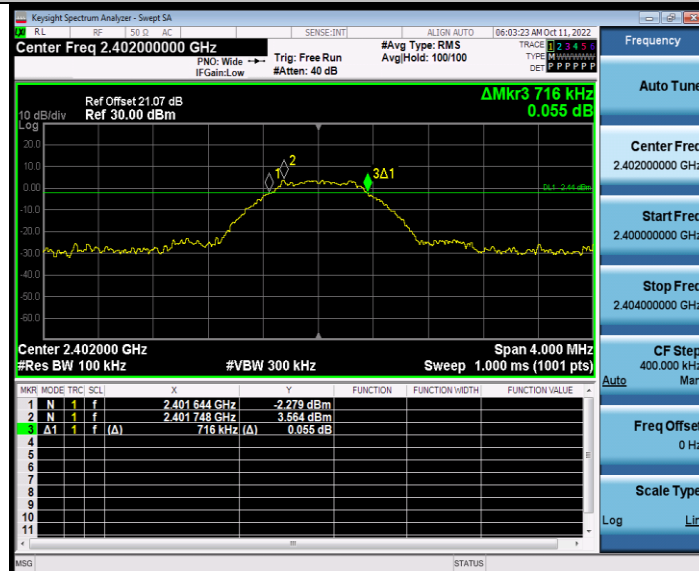


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VERITAS

Test Report No.: W7L-P22100003RF01



BLE_500K_Ant1_2402

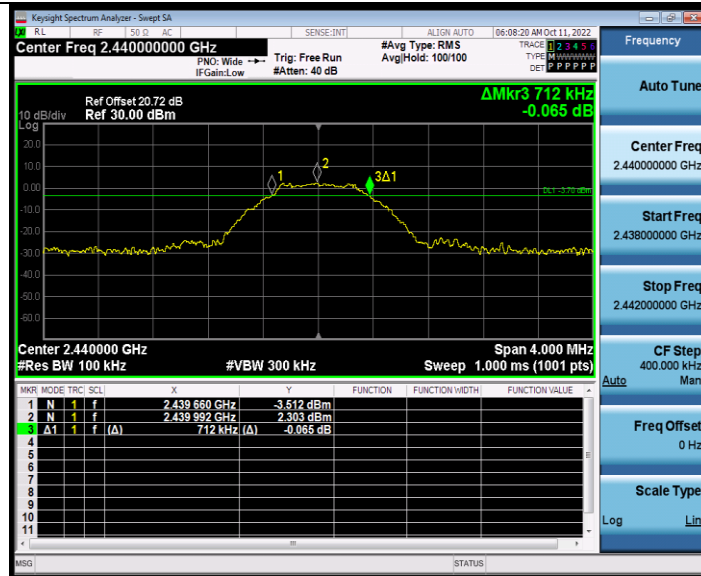


BLE_500K_Ant1_2440



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VERITAS

Test Report No.: W7L-P22100003RF01



BLE_500K_Ant1_2480



**OCCUPIED CHANNEL BANDWIDTH****TEST RESULT**

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	1.1269	2401.4440	2402.5709	---	---
		2440	1.1715	2439.4213	2440.5928	---	---
		2480	1.1732	2479.4167	2480.5899	---	---
BLE_1M	Ant1	2402	1.0749	2401.4698	2402.5447	---	---
		2440	1.0931	2439.4566	2440.5497	---	---
		2480	1.1080	2479.4509	2480.5589	---	---
BLE_2M	Ant1	2402	2.1320	2400.9542	2403.0862	---	---
		2440	2.1325	2438.9464	2441.0789	---	---
		2480	2.1443	2478.9439	2481.0882	---	---
BLE_500K	Ant1	2402	1.0651	2401.4768	2402.5419	---	---
		2440	1.0753	2439.4701	2440.5454	---	---
		2480	1.0888	2479.4591	2480.5479	---	---



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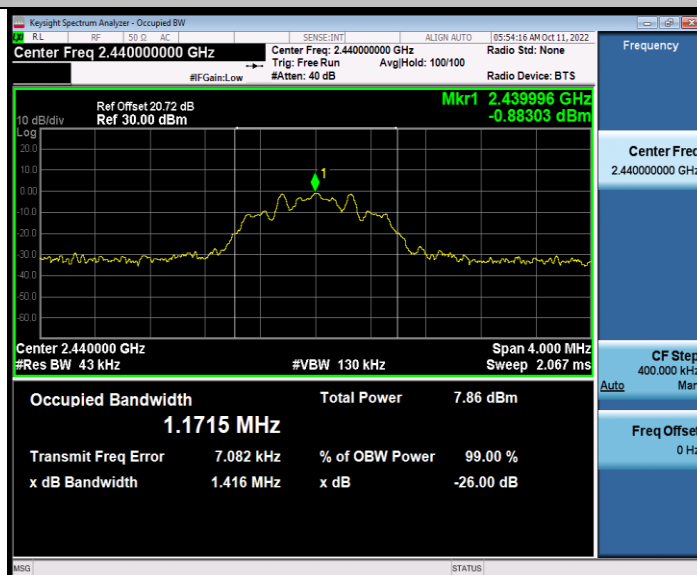
Test Report No.: W7L-P22100003RF01

TEST GRAPHS

BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



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VERITAS

Test Report No.: W7L-P22100003RF01



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

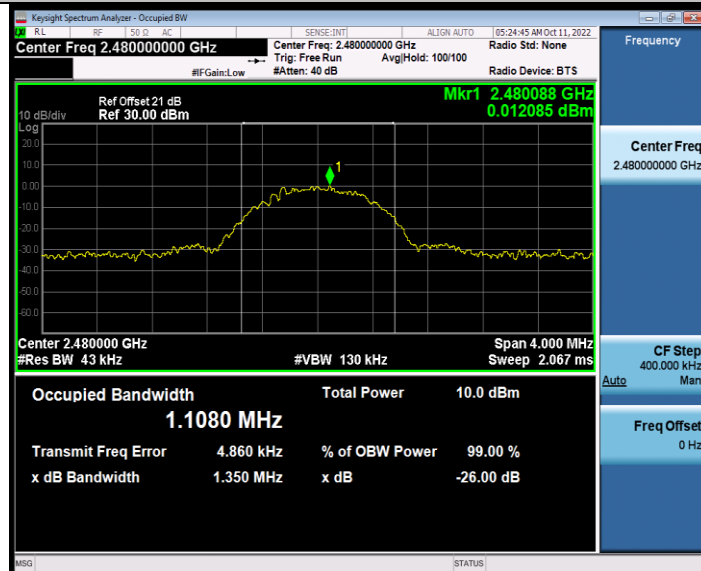


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Test Report No.: W7L-P22100003RF01



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



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Test Report No.: W7L-P22100003RF01



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



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VERITAS

Test Report No.: W7L-P22100003RF01



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440