

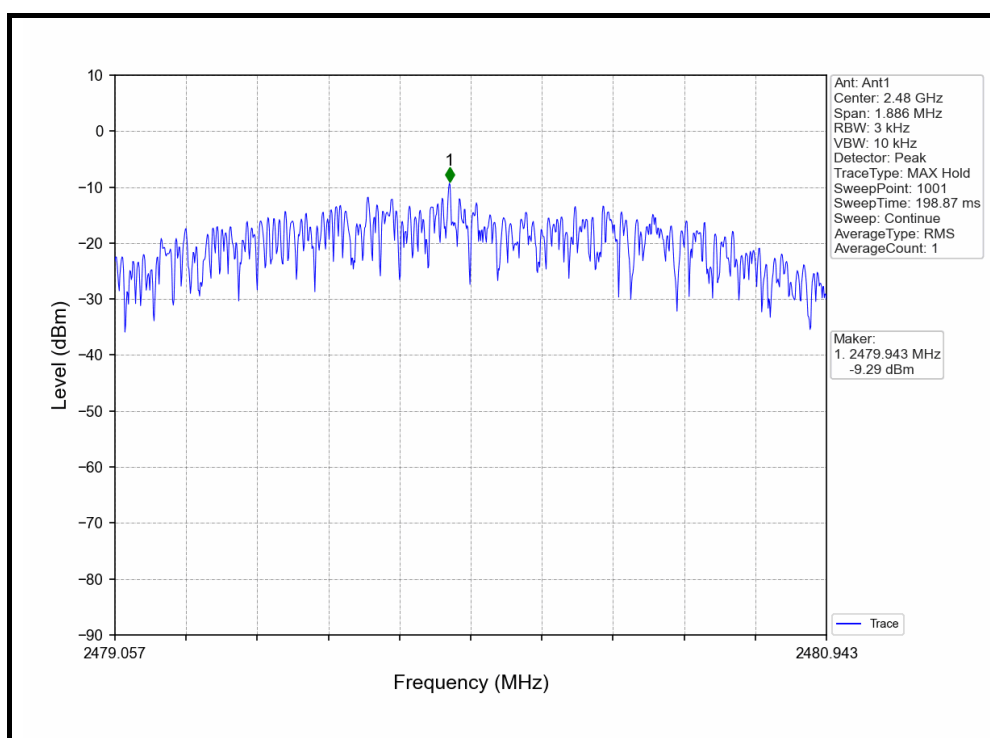


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

BT-LE (2MHz)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-10.35	8	PASS
19	2440	-11.06	8	PASS
39	2480	-9.29	8	PASS



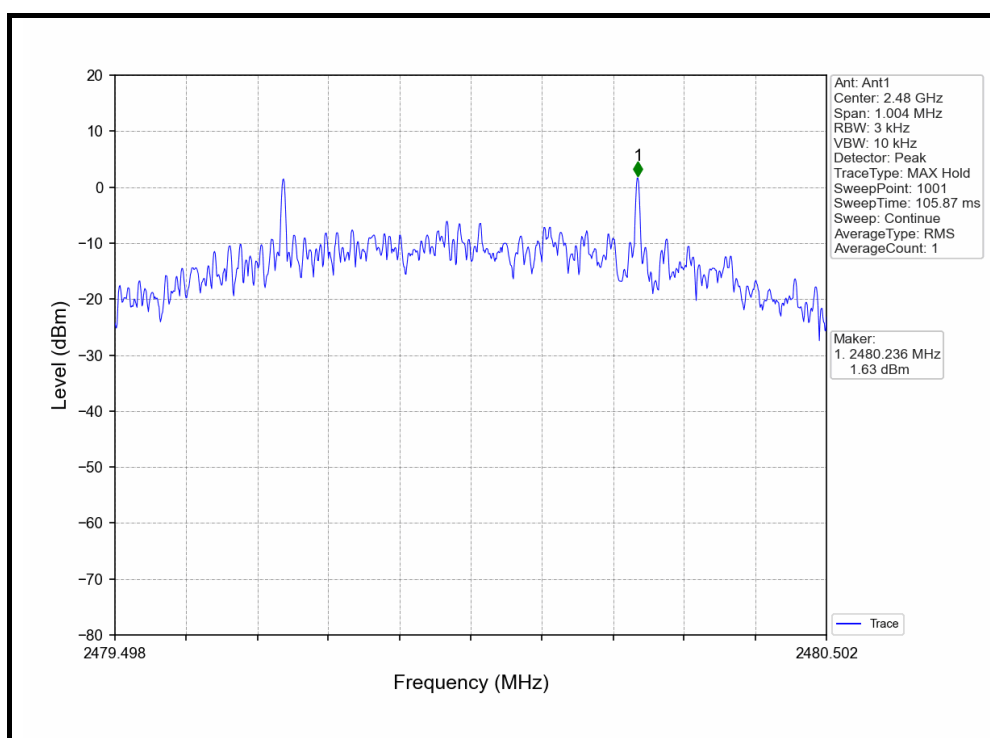


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

BT-LE (S2)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	0.70	8	PASS
19	2440	-0.12	8	PASS
39	2480	1.63	8	PASS



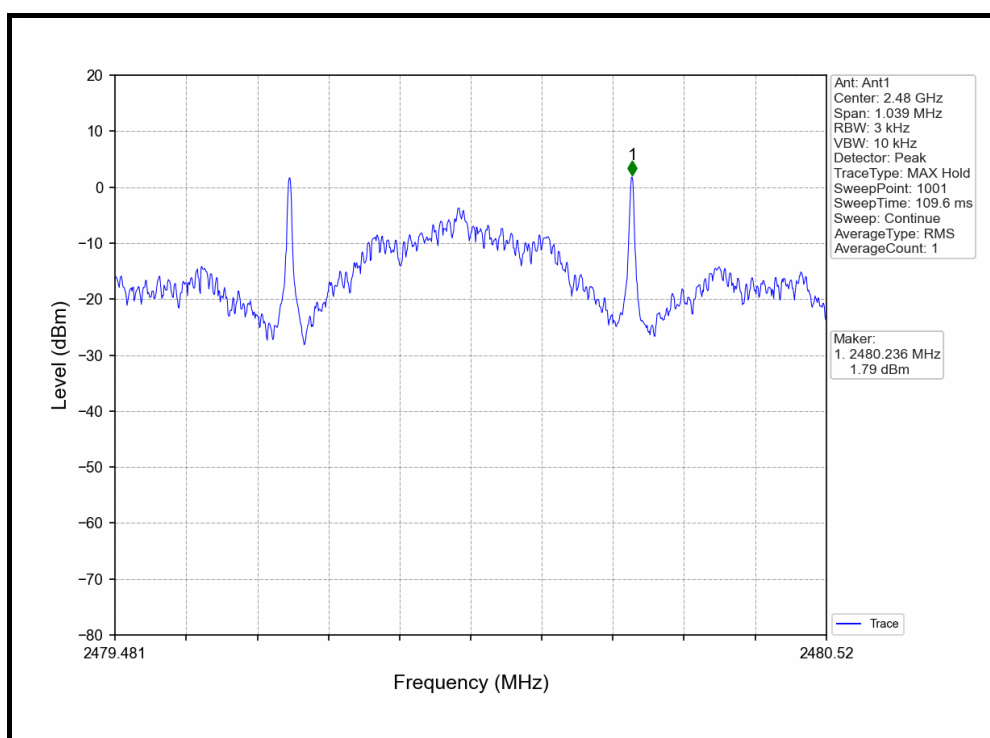


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

BT-LE (S8)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	0.82	8	PASS
19	2440	0.03	8	PASS
39	2480	1.79	8	PASS



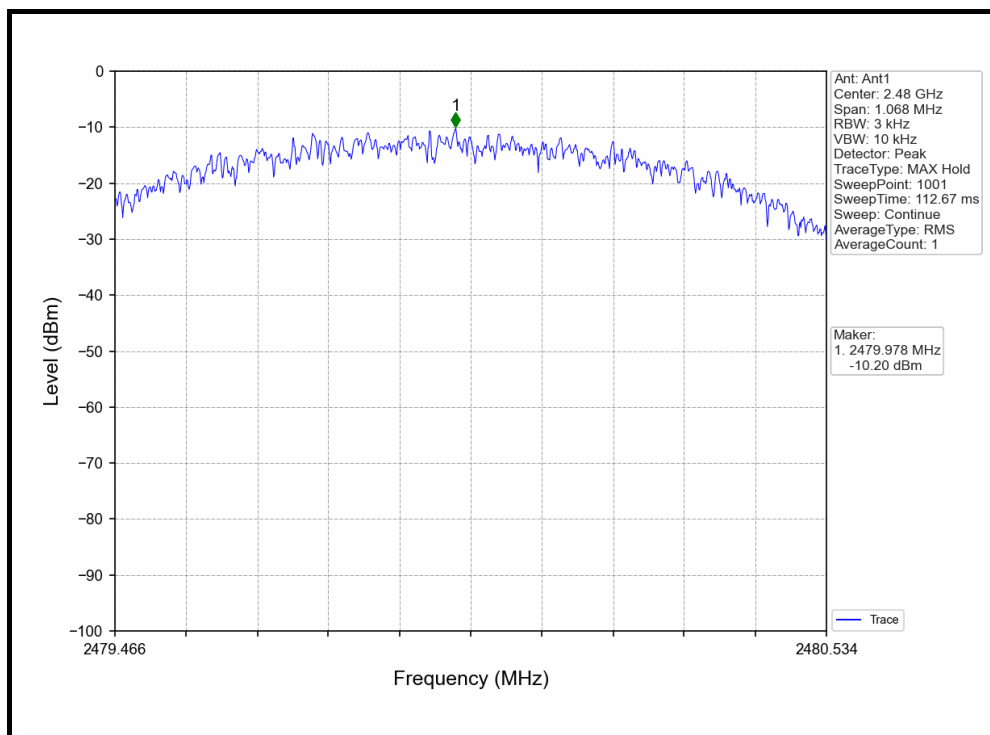


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (1MHz)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-10.73	8	PASS
19	2440	-10.66	8	PASS
39	2480	-10.20	8	PASS



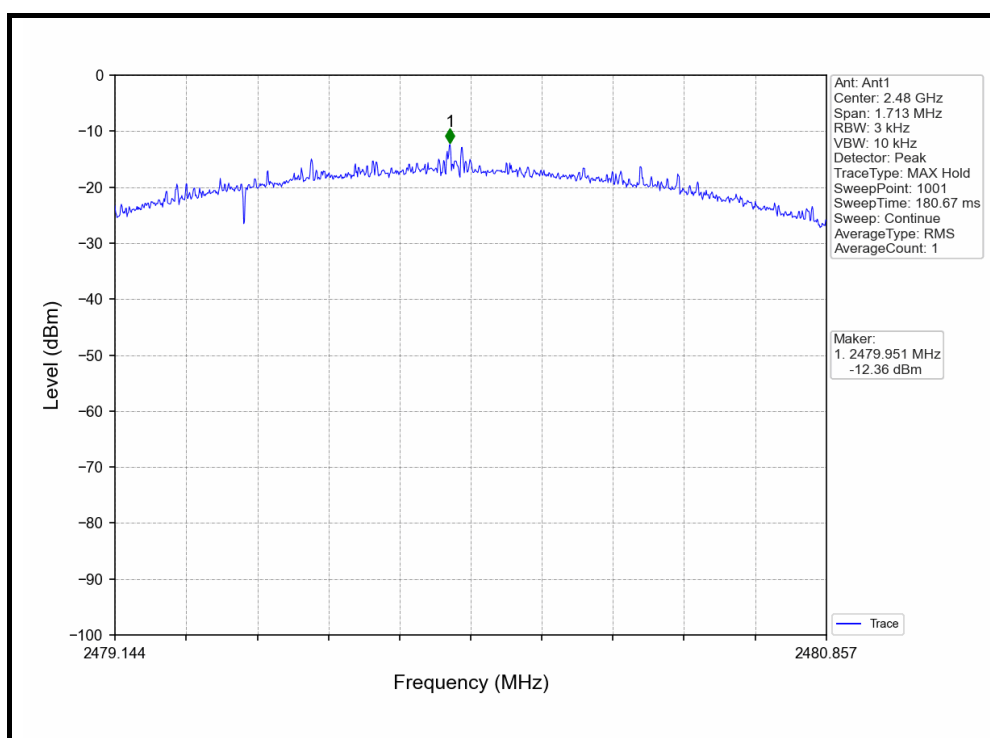


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (2MHz)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-12.65	8	PASS
19	2440	-12.50	8	PASS
39	2480	-12.36	8	PASS



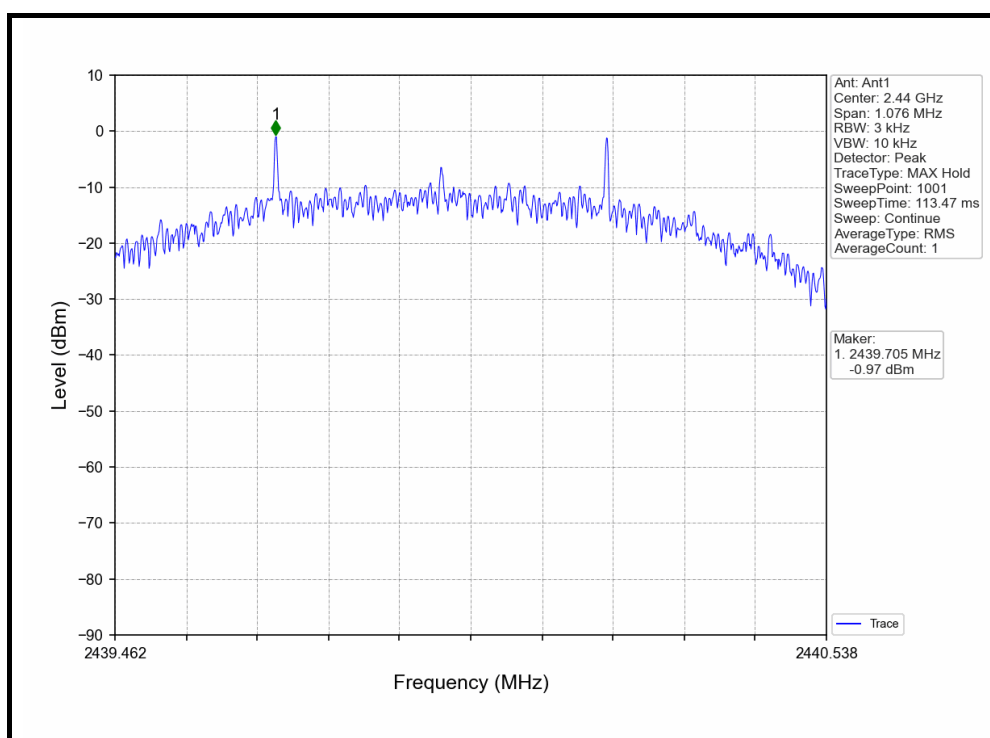


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (S2)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-1.31	8	PASS
19	2440	-0.97	8	PASS
39	2480	-1.00	8	PASS



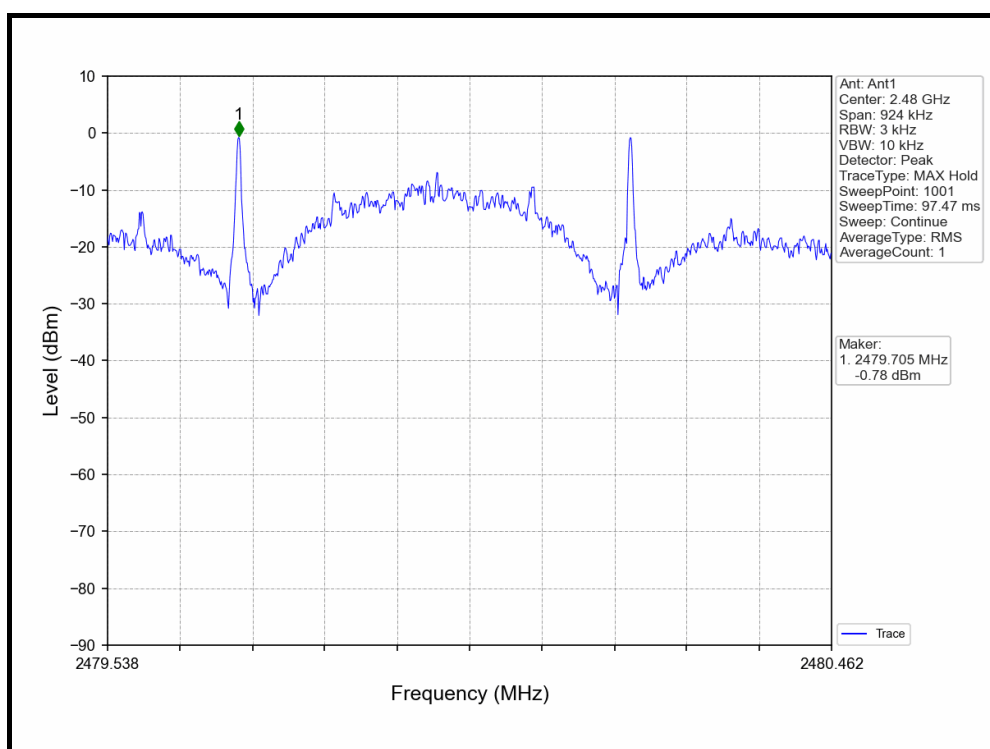


BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (S8)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-1.16	8	PASS
19	2440	-0.82	8	PASS
39	2480	-0.78	8	PASS



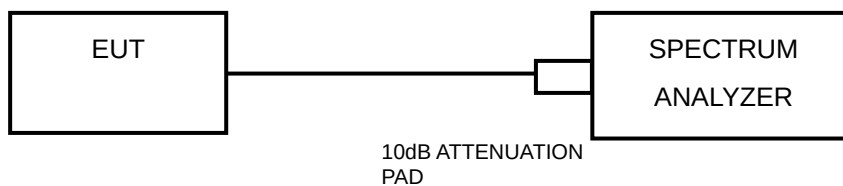


3.6 OUT OF BAND EMISSION MEASUREMENT

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.



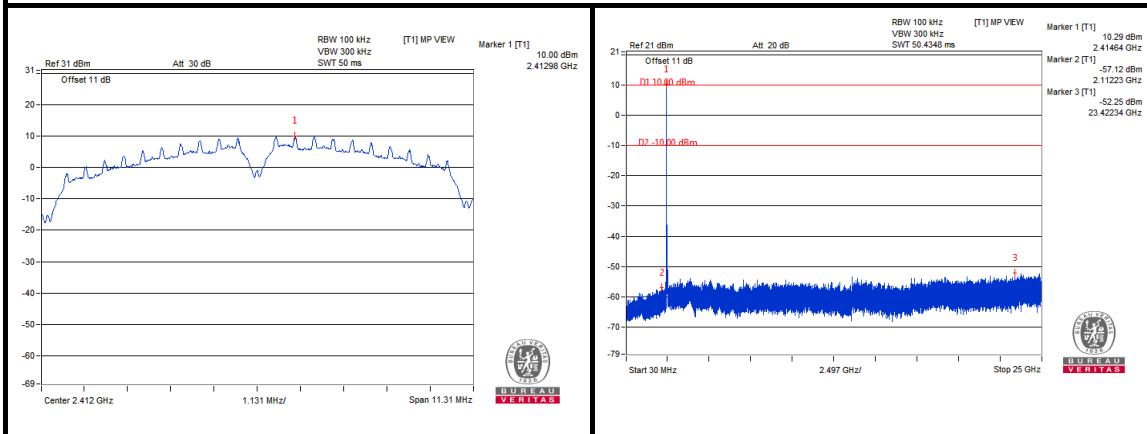
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

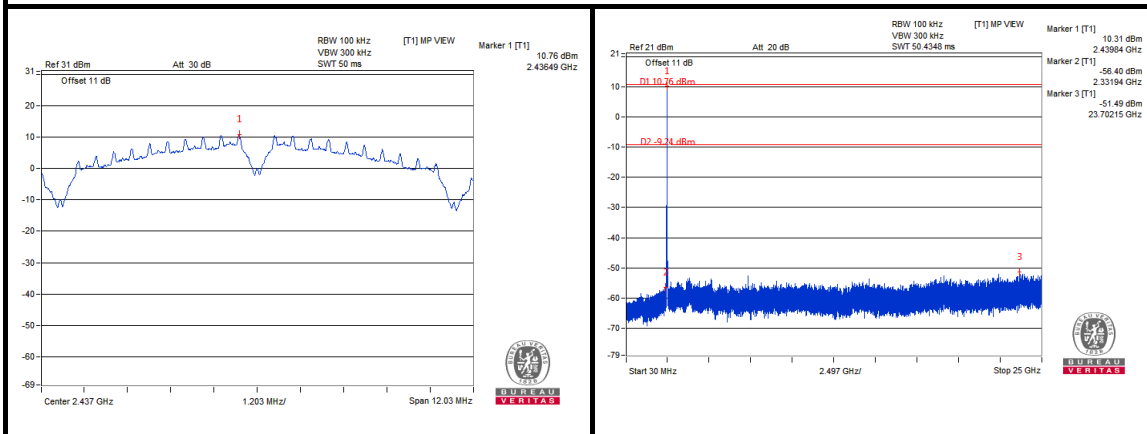
802.11b

ANT 0

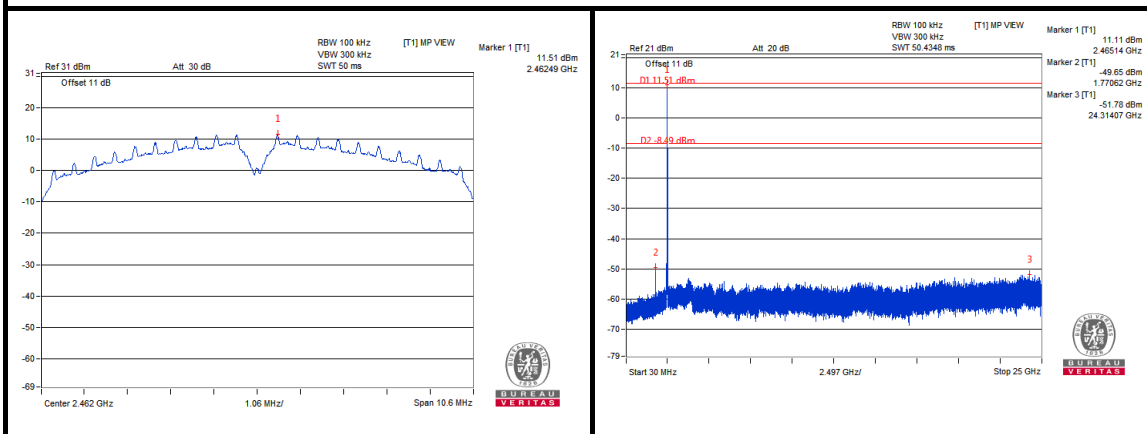
CH 1



CH 6



CH 11

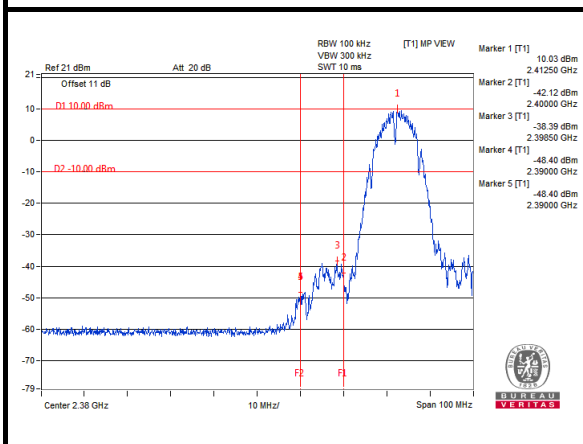




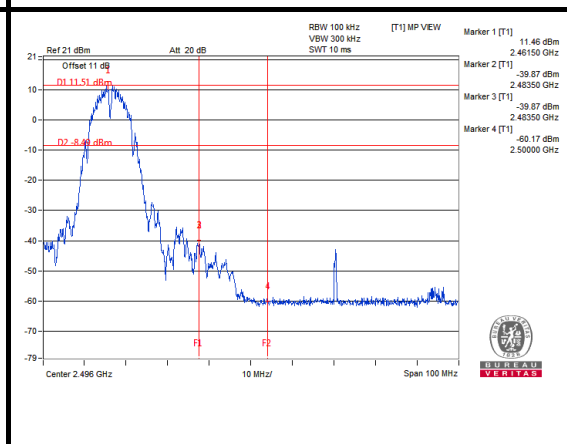
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



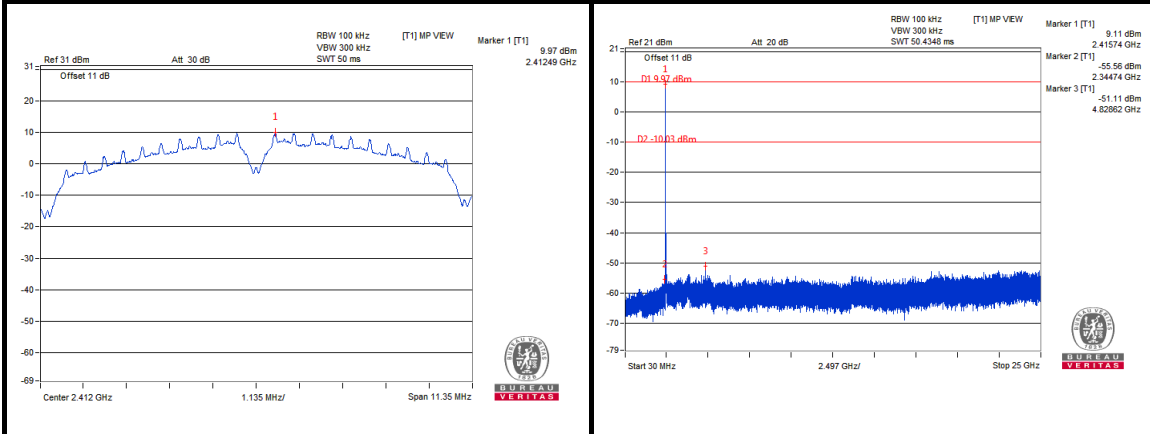


BUREAU
VERITAS

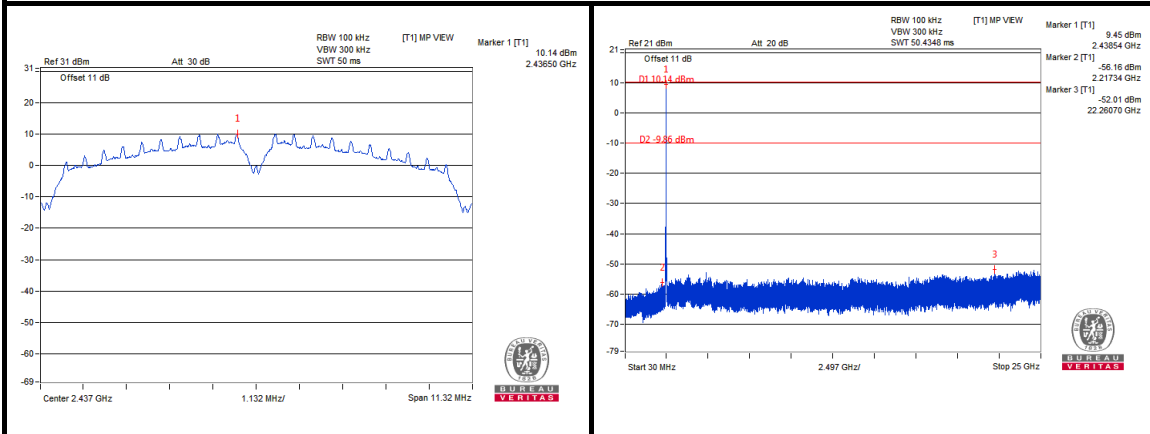
Test Report No.: W7L-P21080021RF08

ANT 1

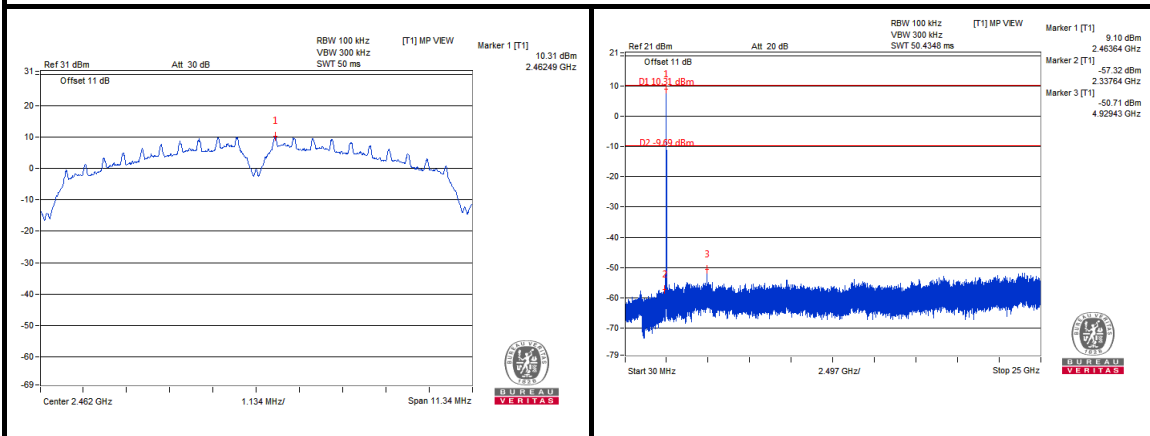
CH 1



CH 6



CH 11

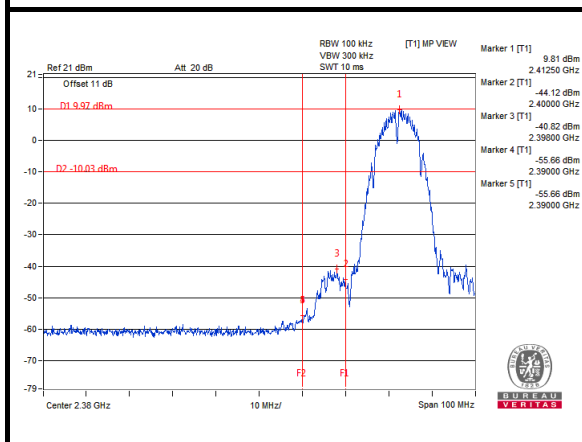




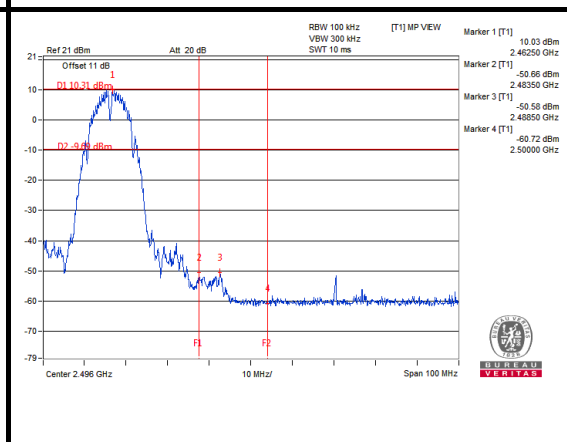
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



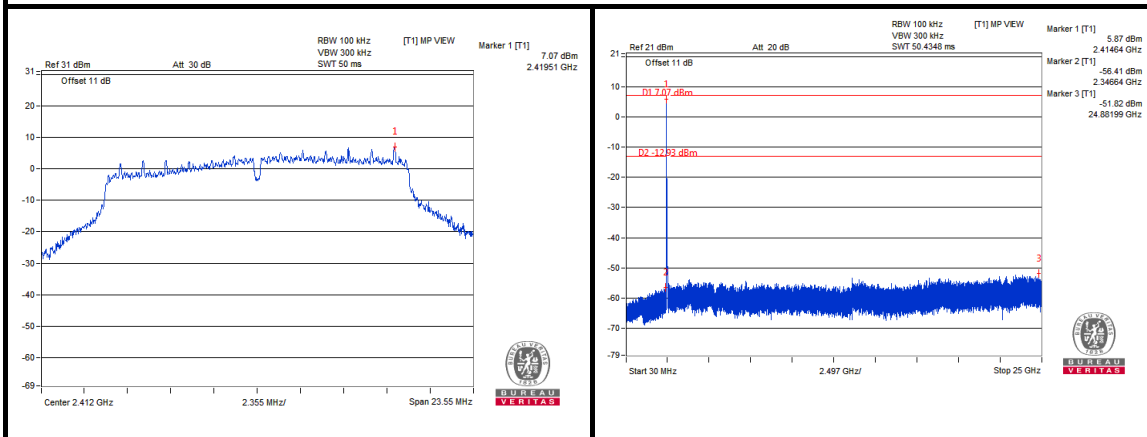


BUREAU
VERITAS

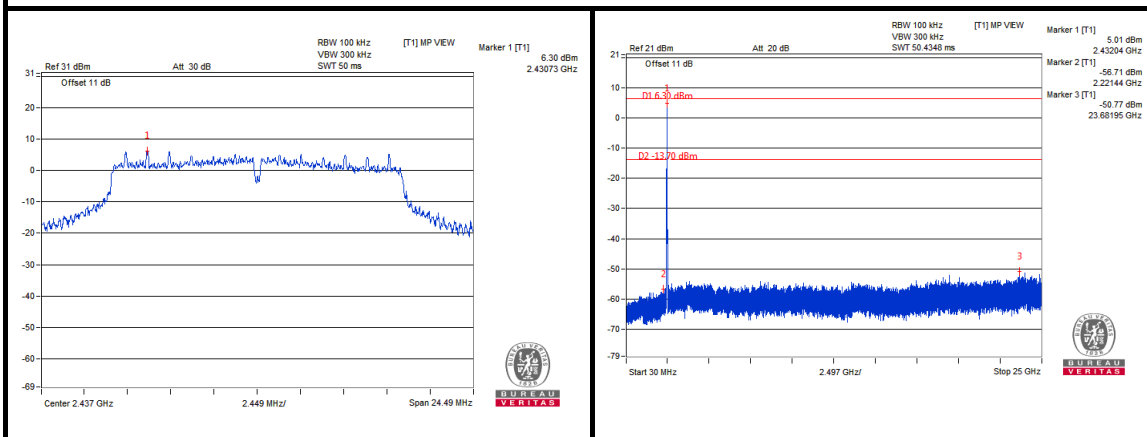
Test Report No.: W7L-P21080021RF08

802.11g
ANT 0

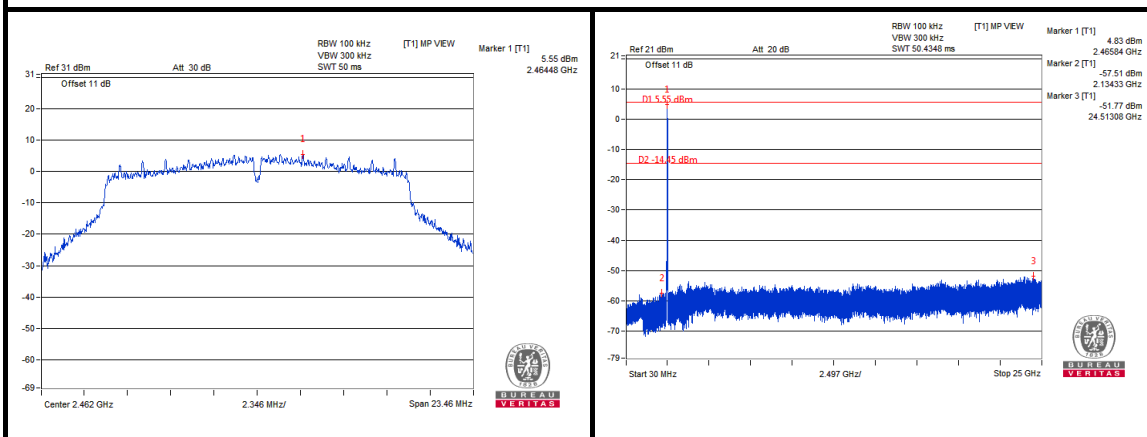
CH 1



CH 6



CH 11

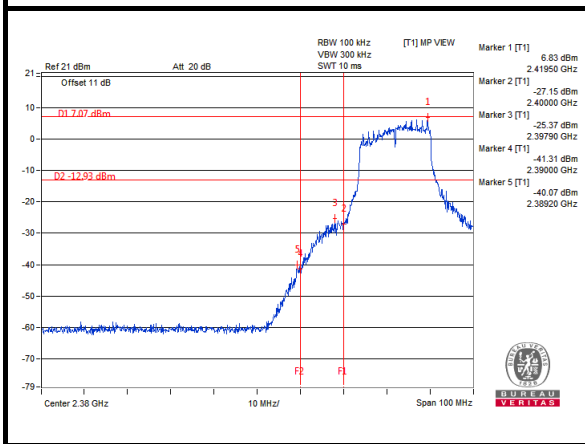




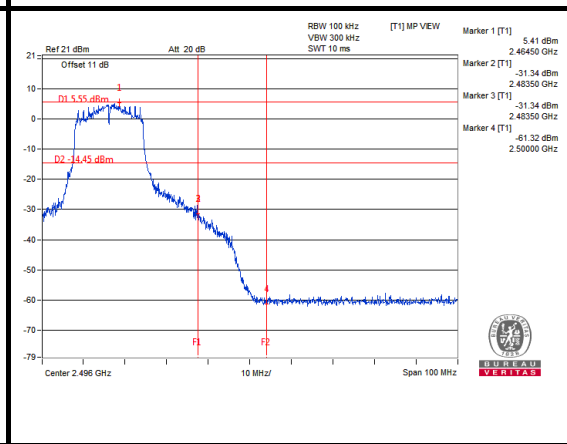
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



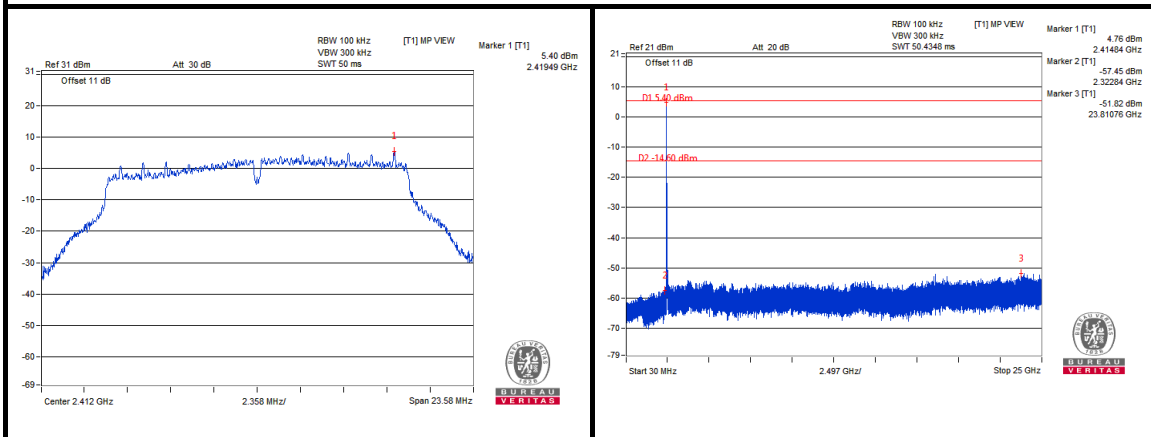


BUREAU
VERITAS

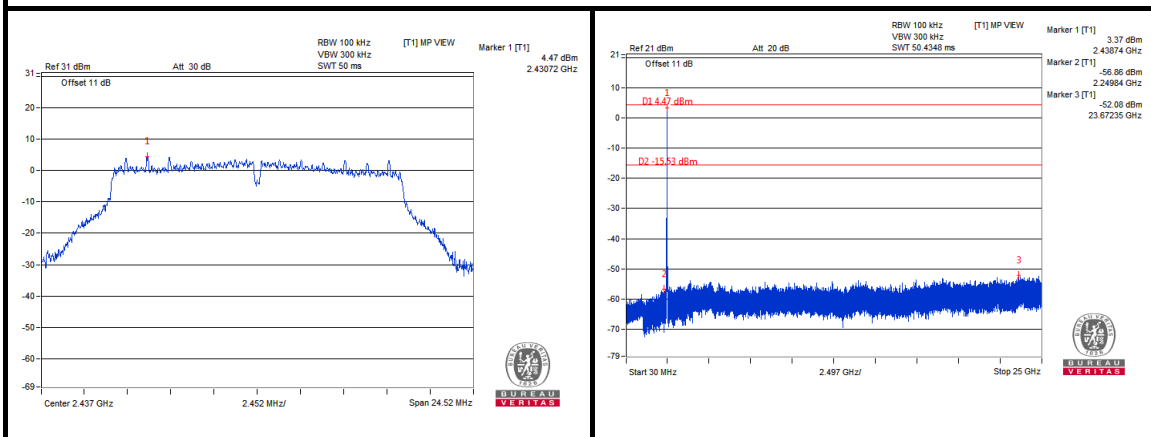
Test Report No.: W7L-P21080021RF08

ANT 1

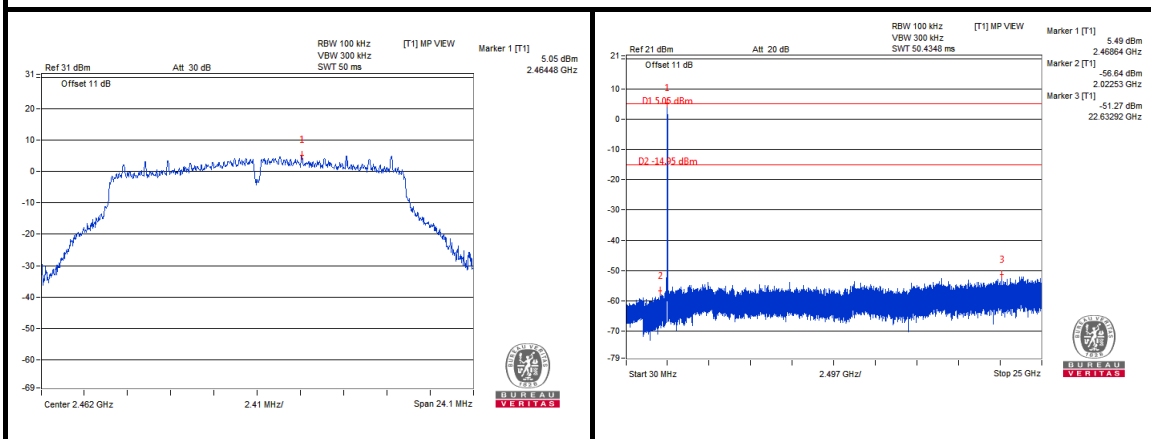
CH 1



CH 6



CH 11

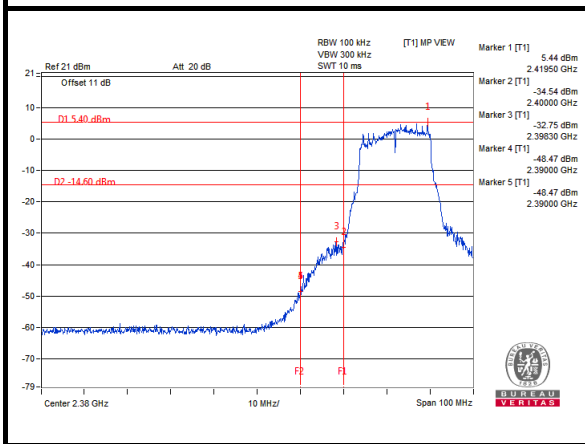




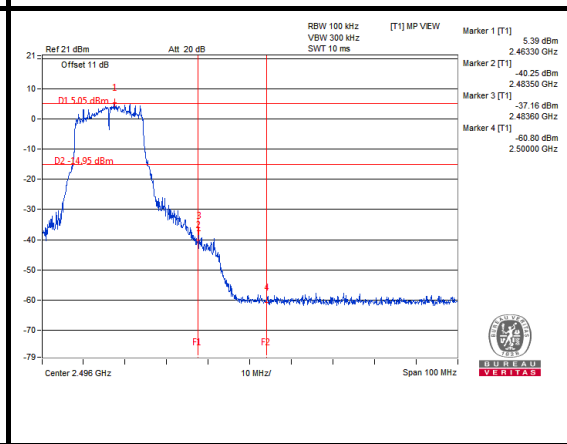
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge





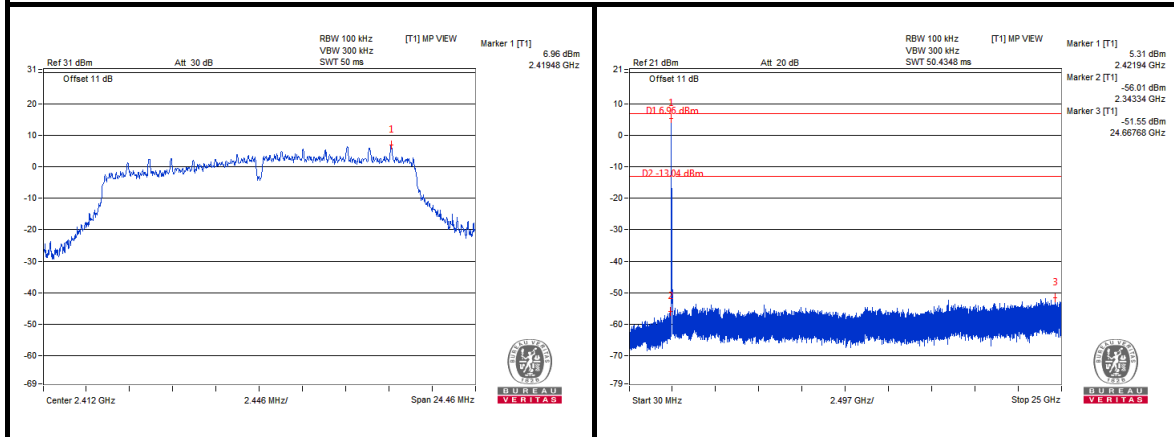
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

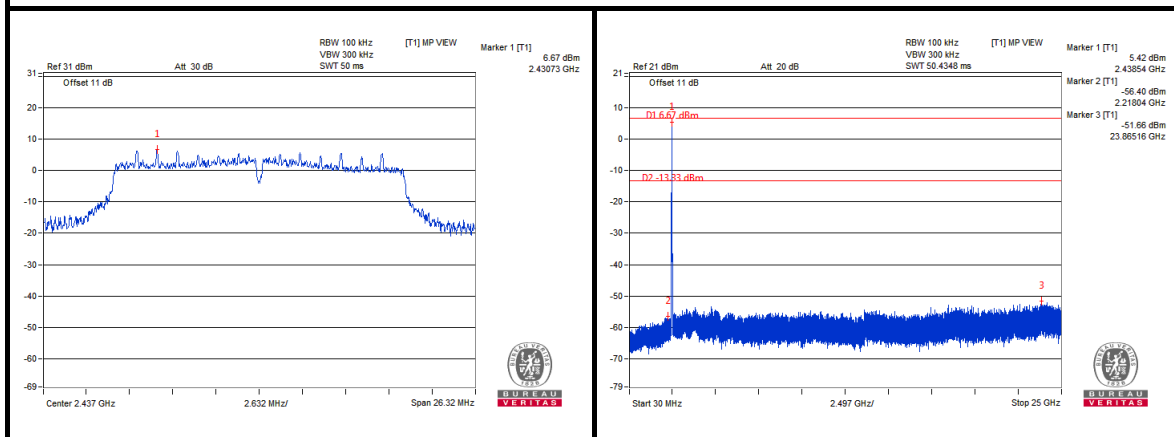
802.11n (20MHz)

ANT 0

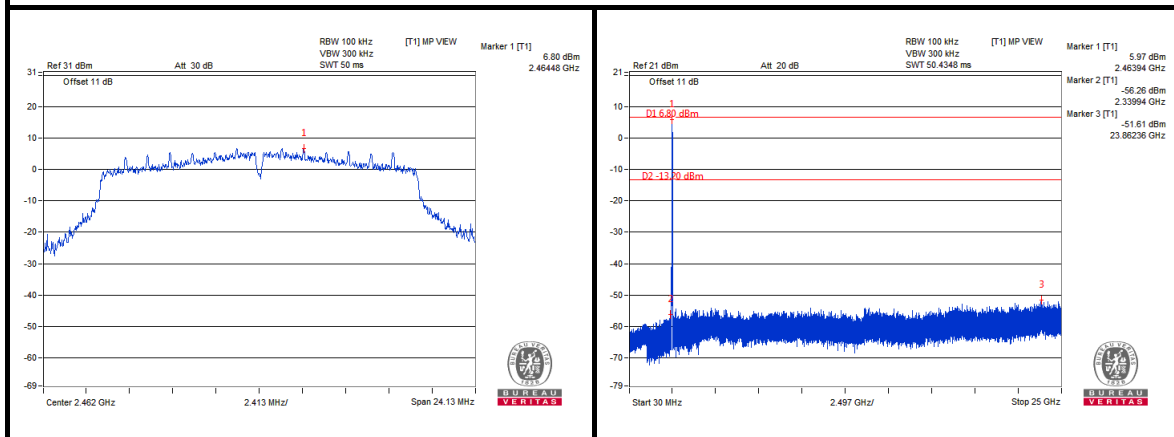
CH 1



CH 6



CH 11

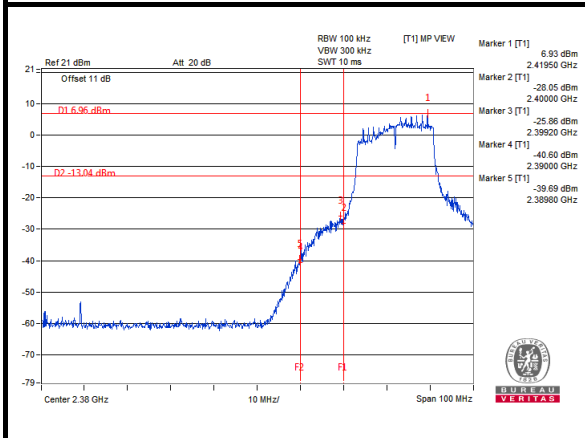




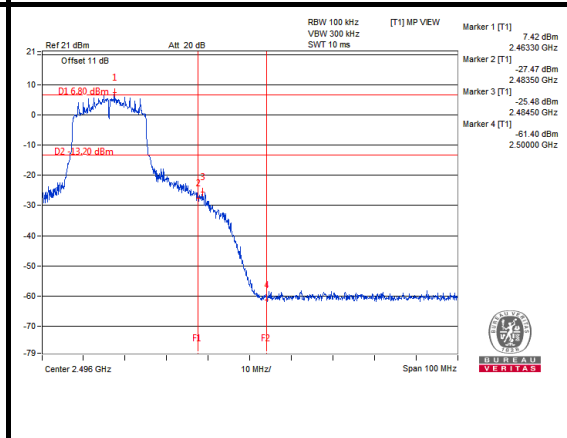
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



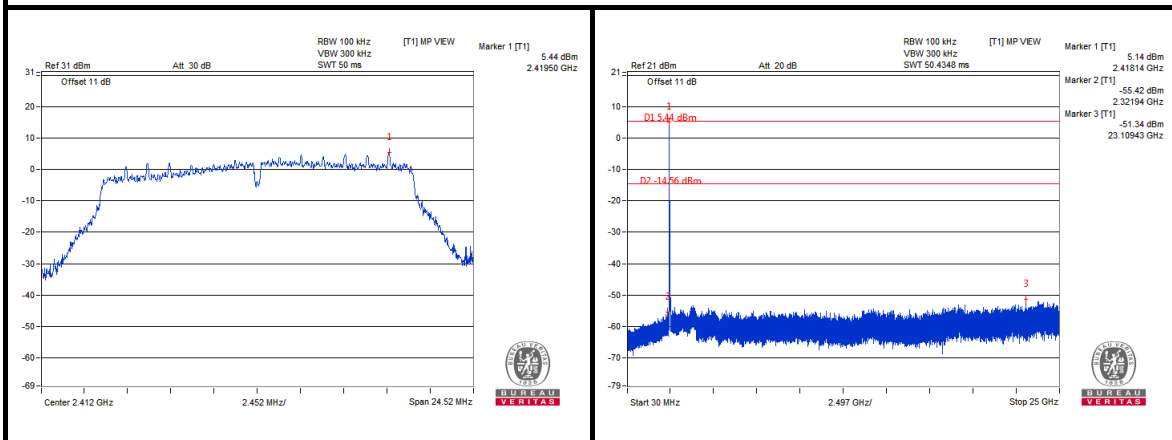


BUREAU
VERITAS

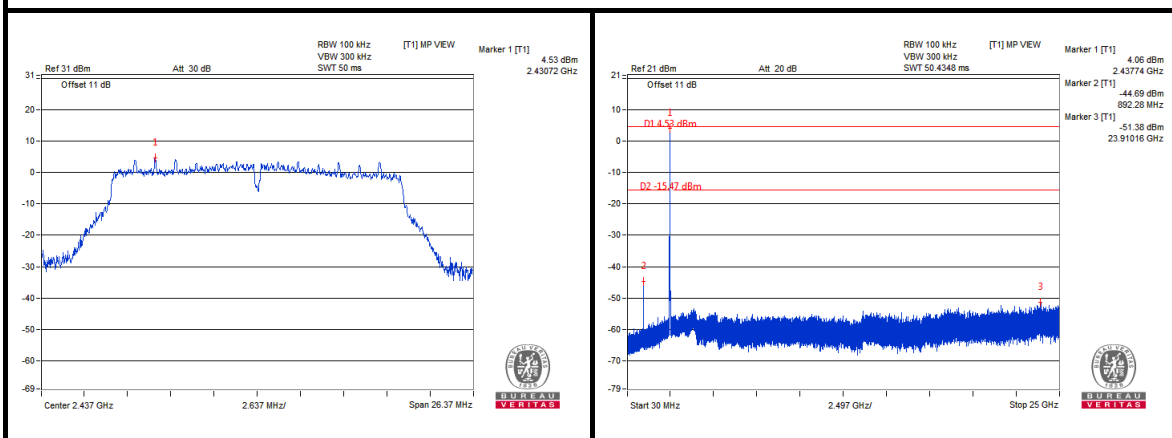
Test Report No.: W7L-P21080021RF08

ANT 1

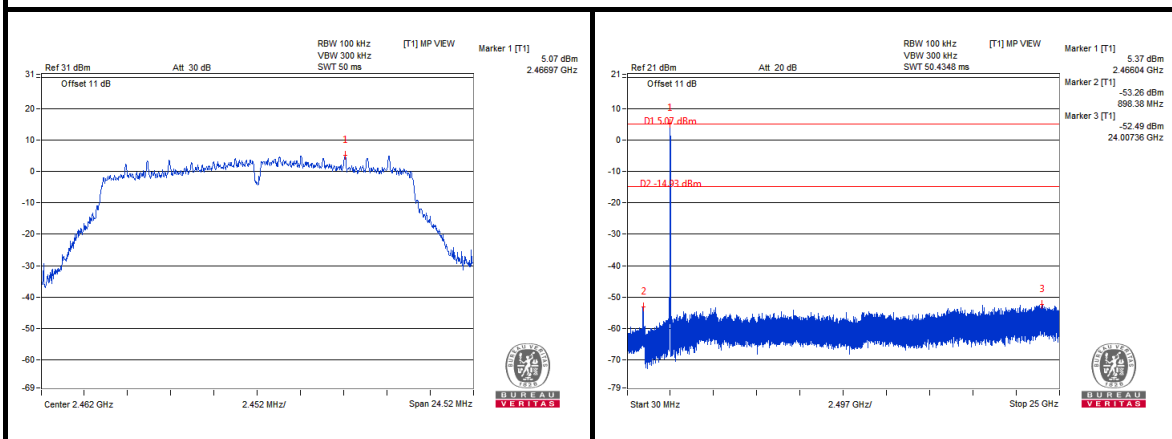
CH 1



CH 6



CH 11

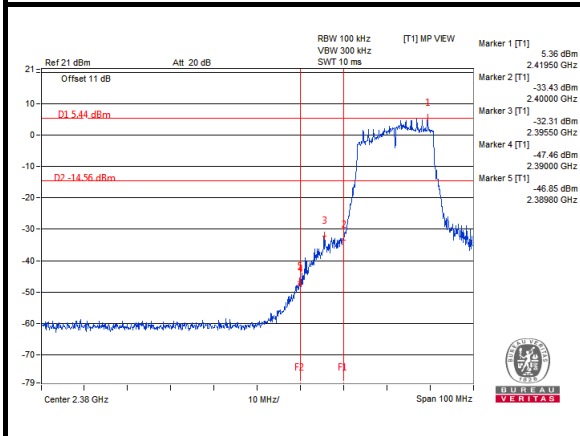




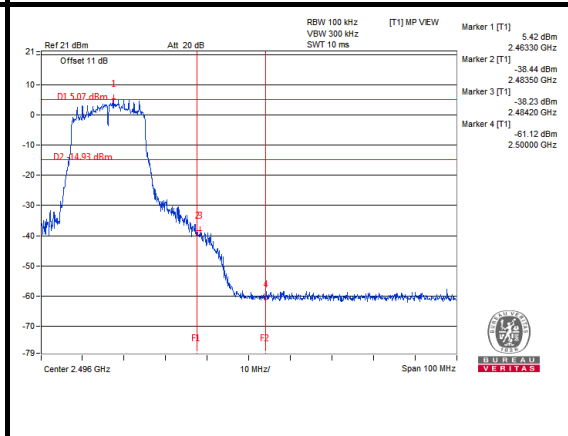
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge





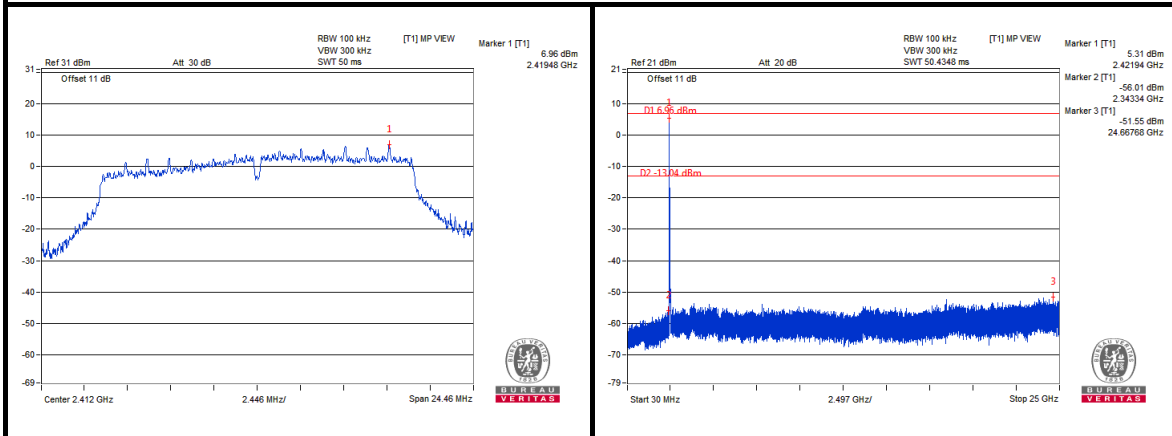
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

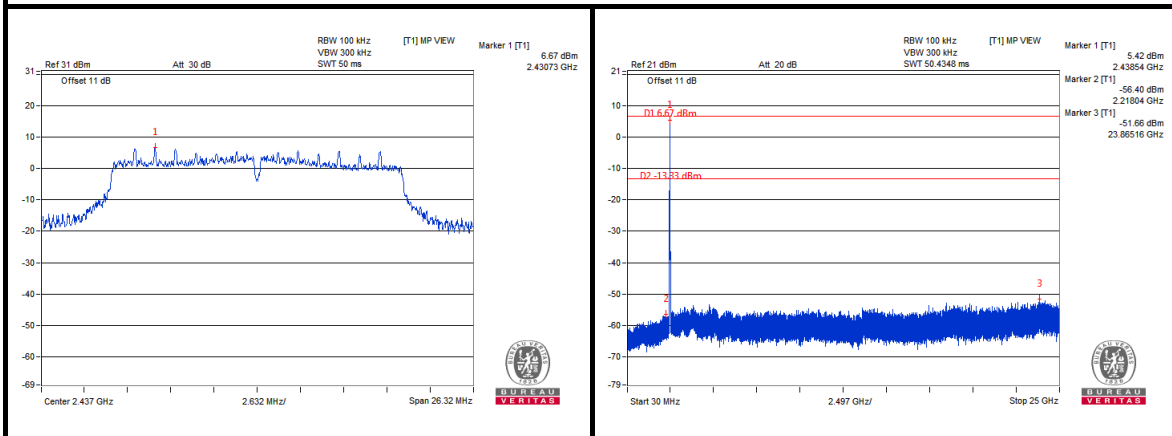
802.11ax (20MHz)

ANT 0

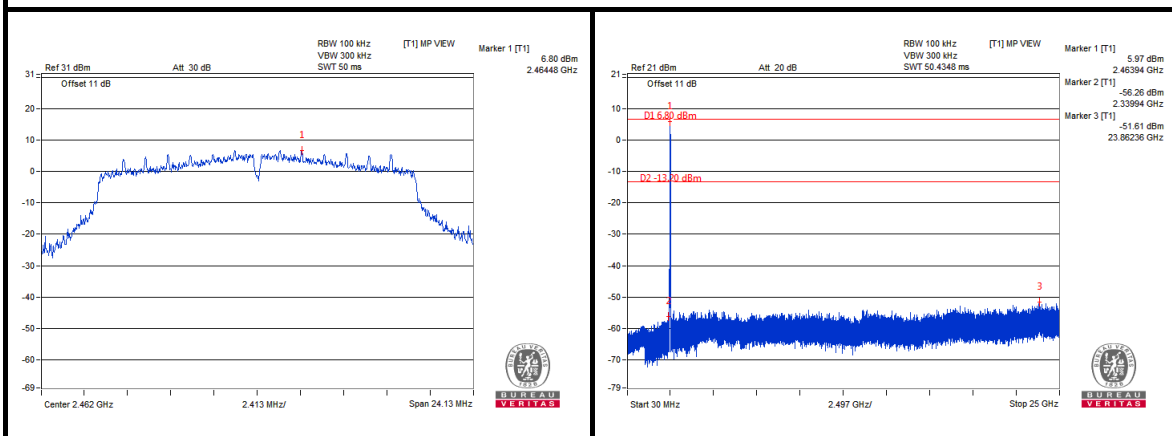
CH 1



CH 6



CH 11

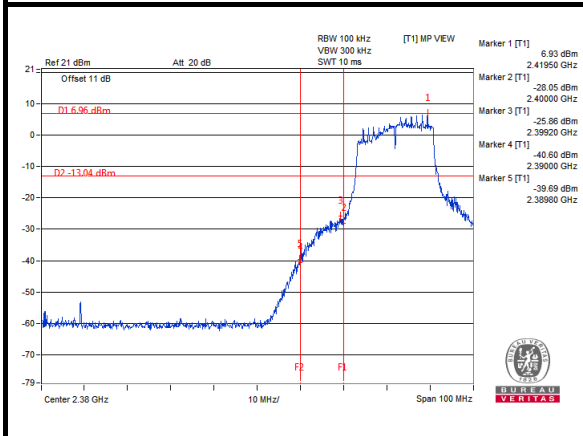




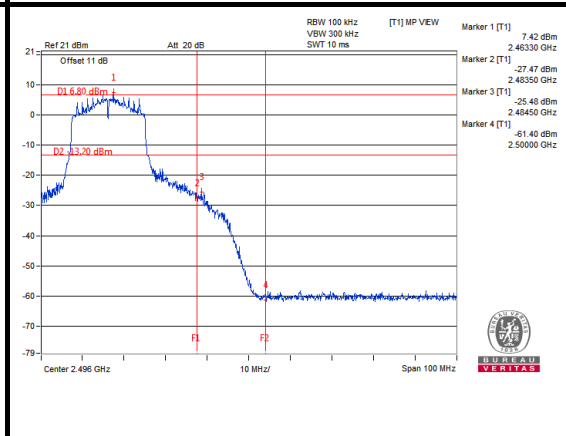
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



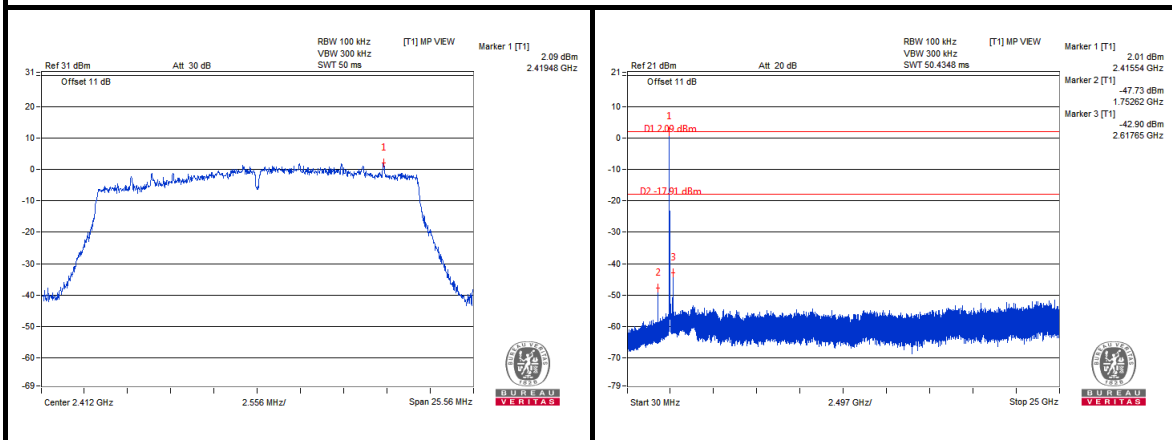


BUREAU
VERITAS

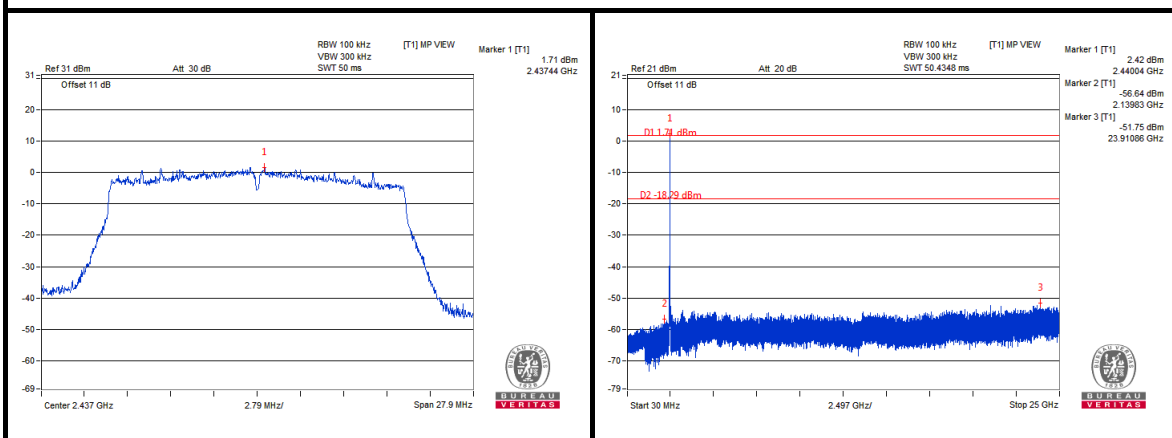
Test Report No.: W7L-P21080021RF08

ANT 1

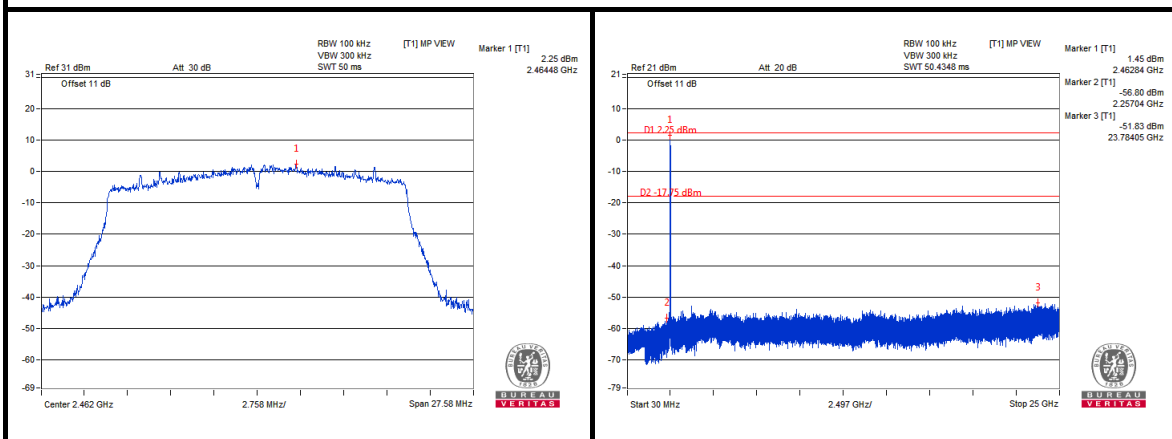
CH 1



CH 6



CH 11

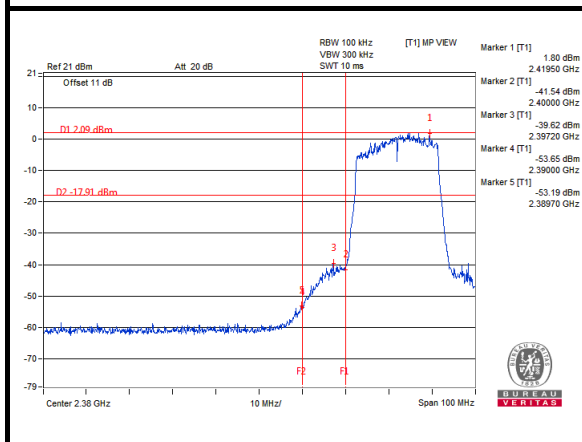




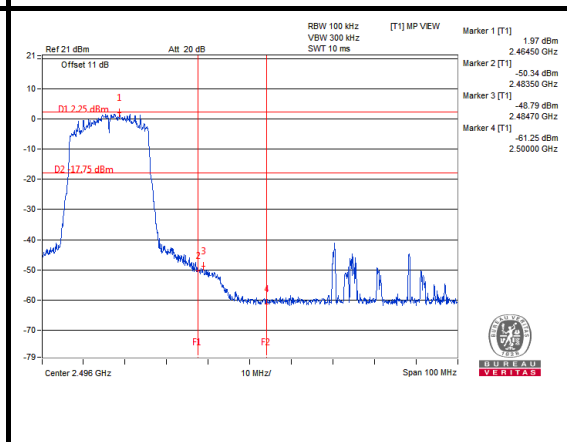
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 1 Band Edge



CH 11 Band Edge



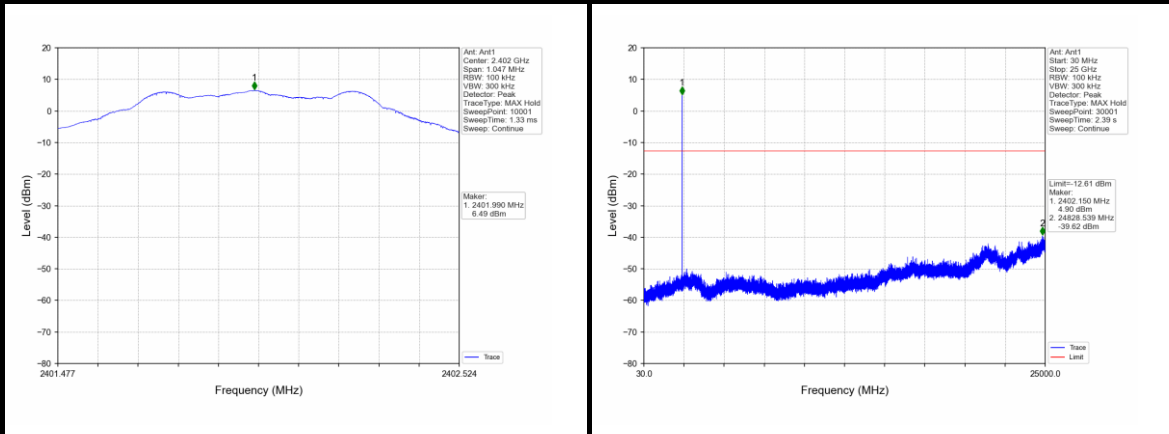


BUREAU
VERITAS

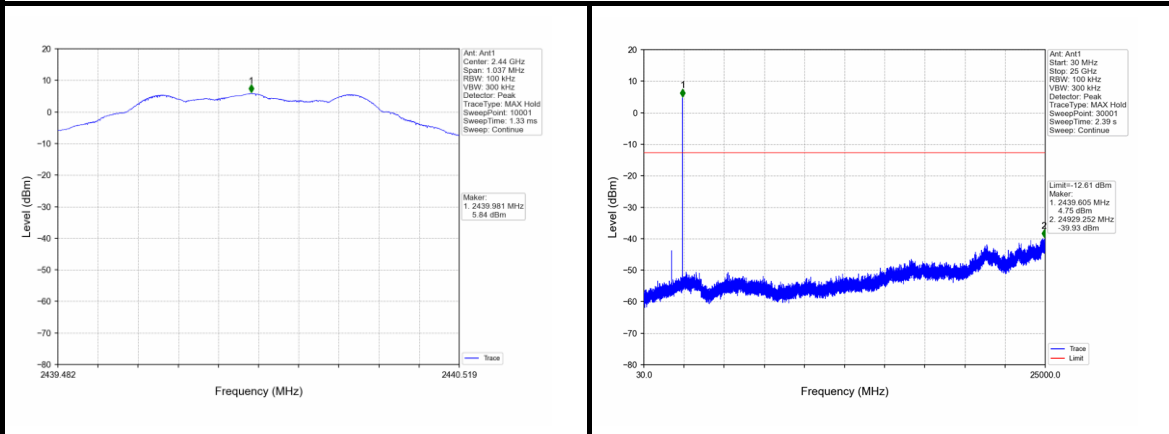
Test Report No.: W7L-P21080021RF08

BT-LE (1MHz)

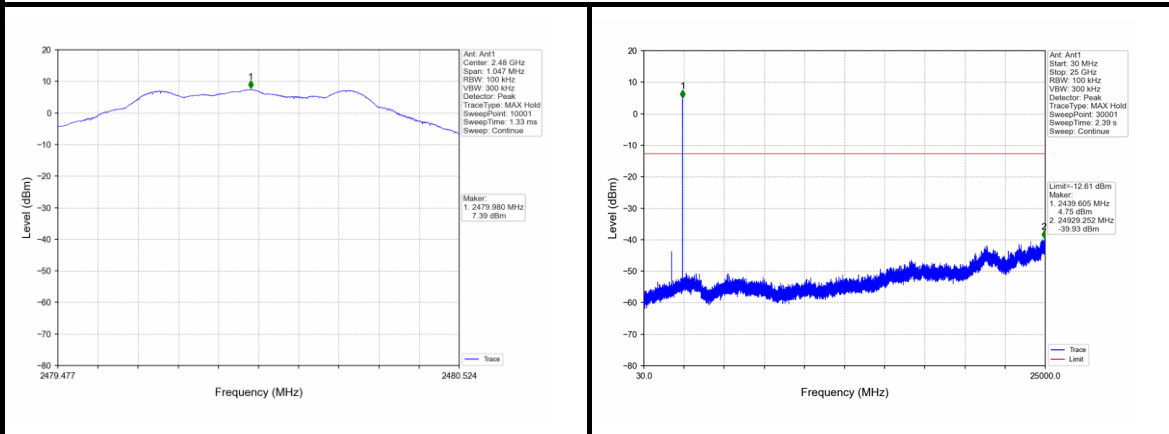
CH 0



CH 19



CH 39

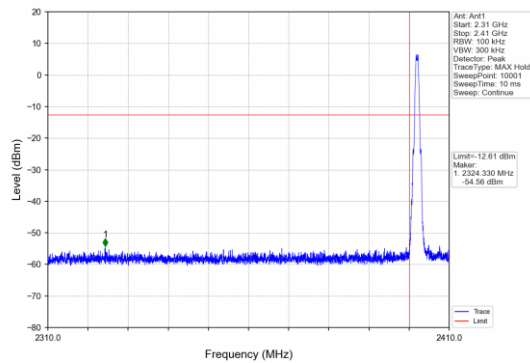




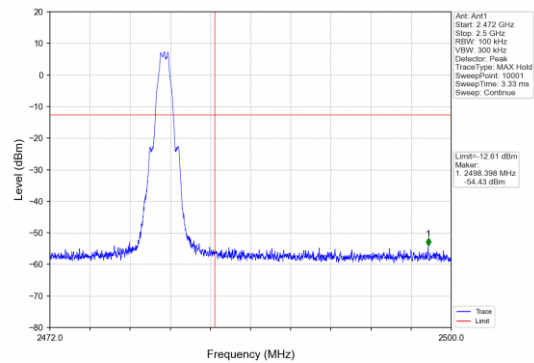
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge

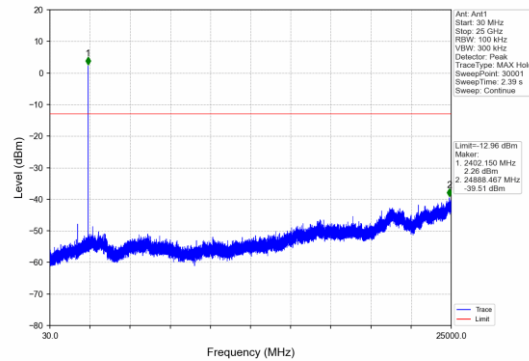
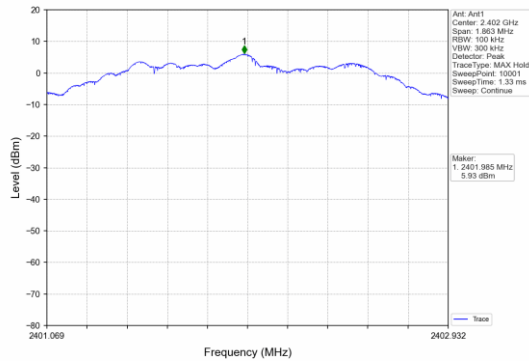




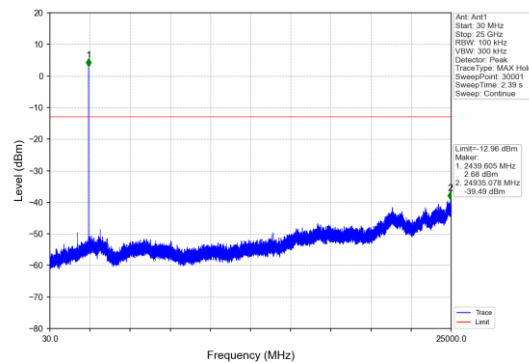
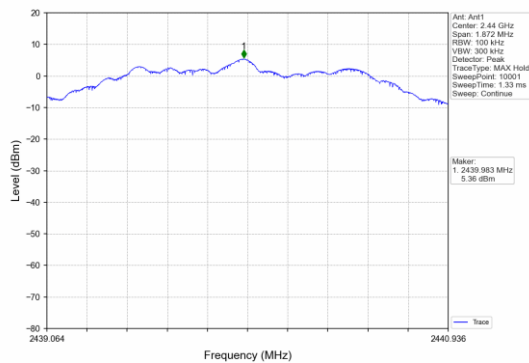
Test Report No.: W7L-P21080021RF08

BT-LE (2MHz)

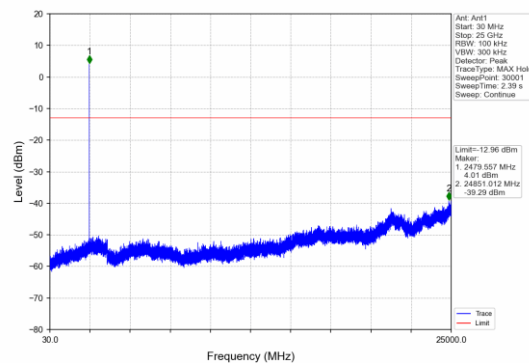
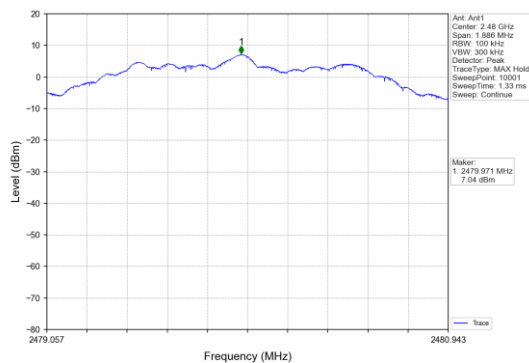
CH 0



CH 19



CH 39

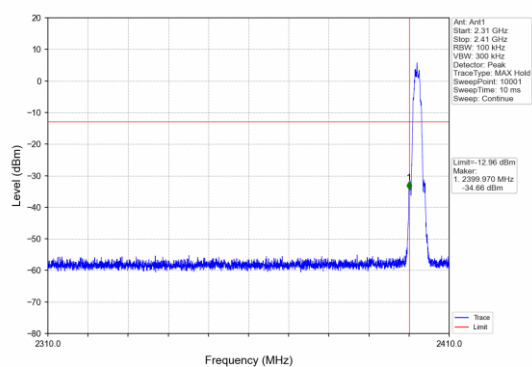




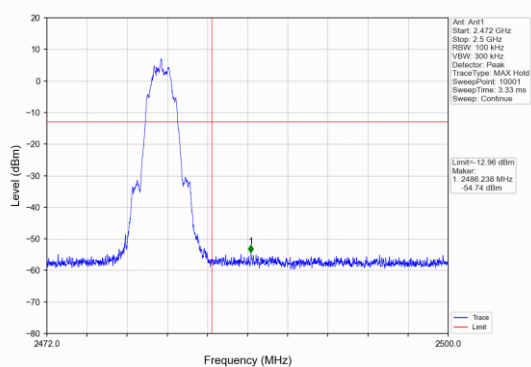
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



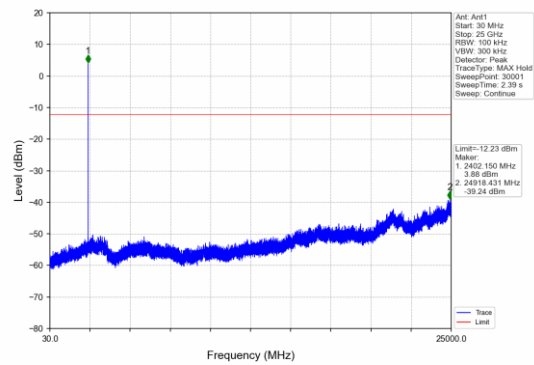
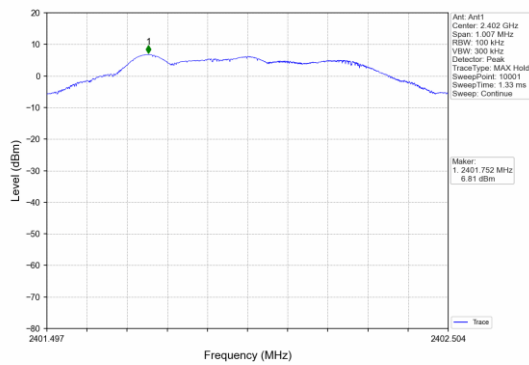


BUREAU
VERITAS

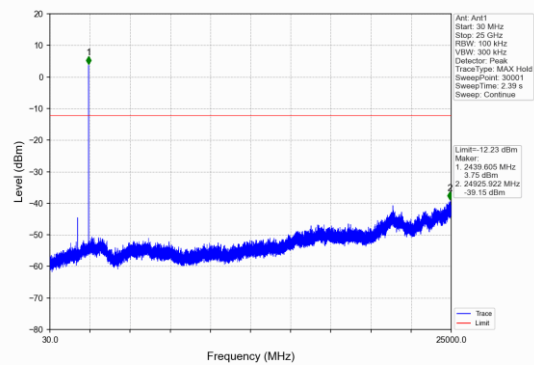
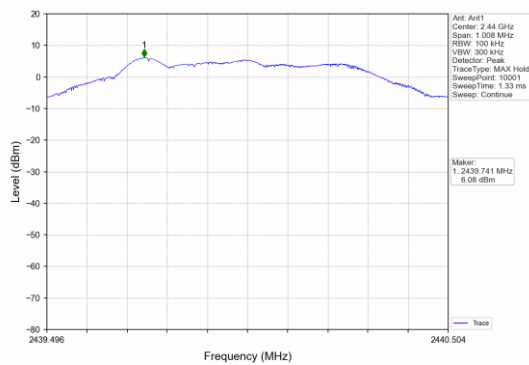
Test Report No.: W7L-P21080021RF08

BT-LE (S2)

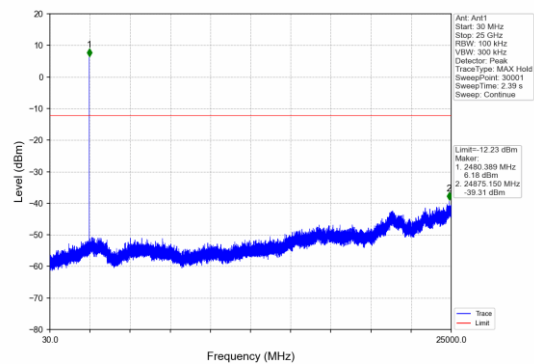
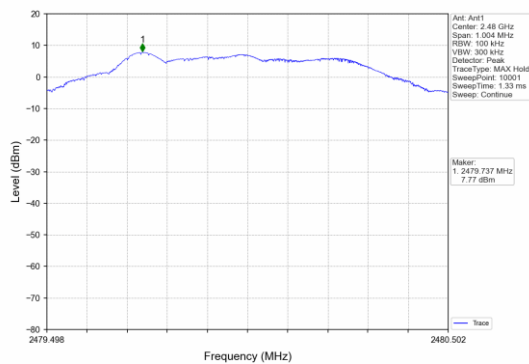
CH 0



CH 19



CH 39

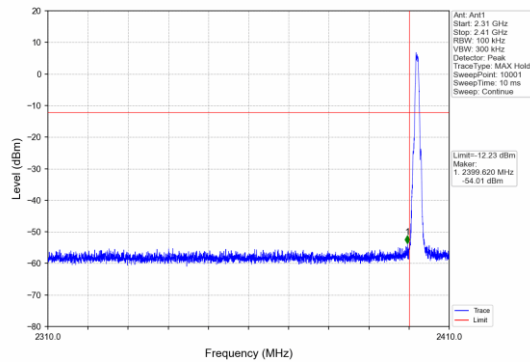




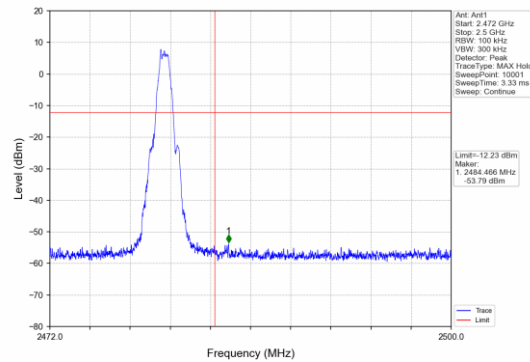
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



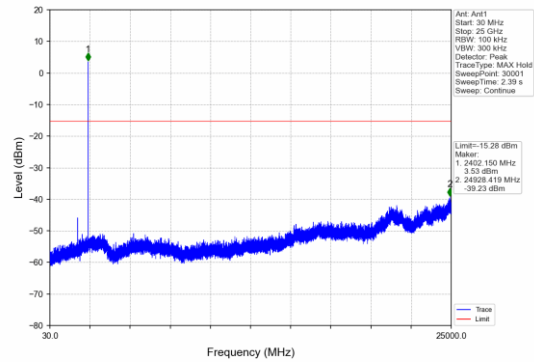
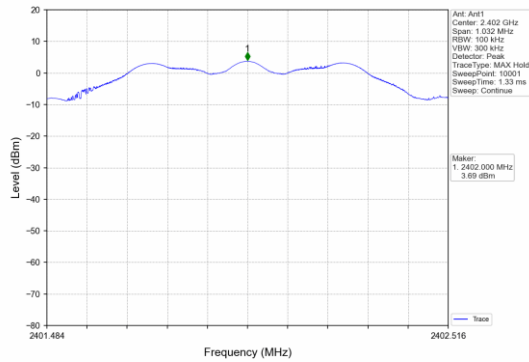


BUREAU
VERITAS

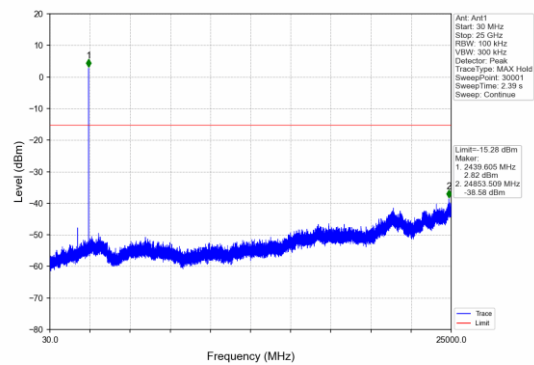
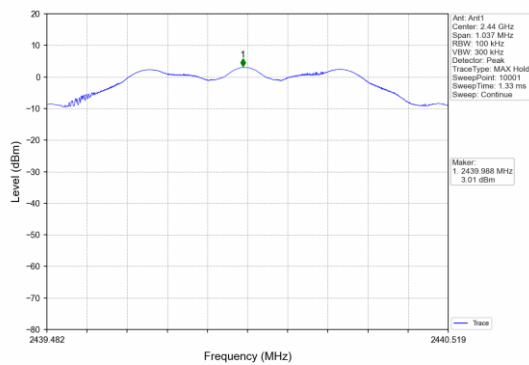
Test Report No.: W7L-P21080021RF08

BT-LE (S8)

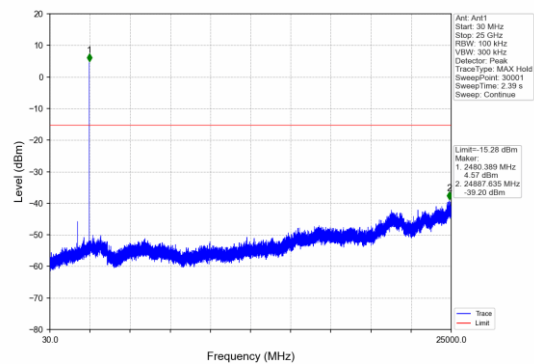
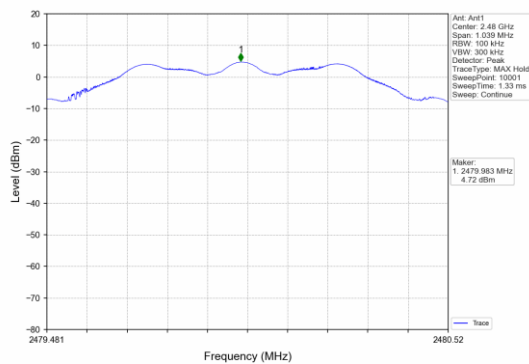
CH 0



CH 19



CH 39

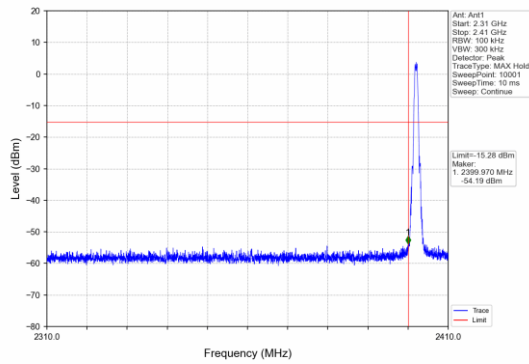




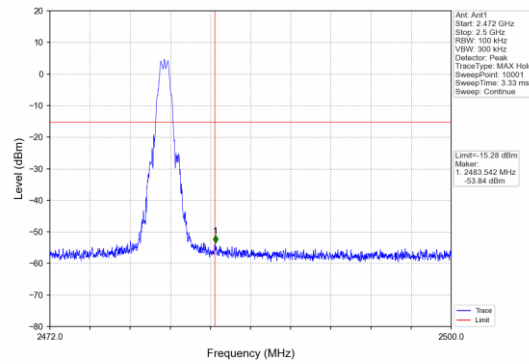
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VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



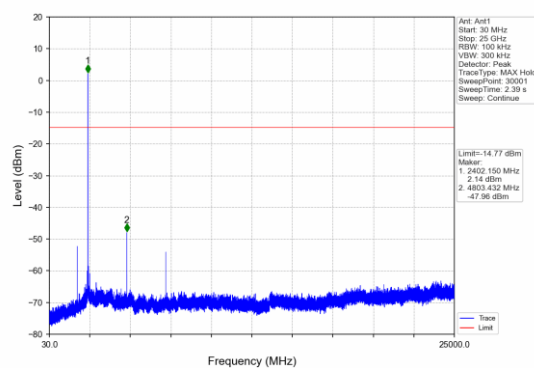
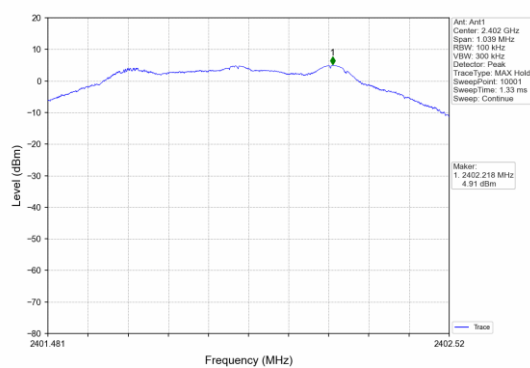


BUREAU
VERITAS

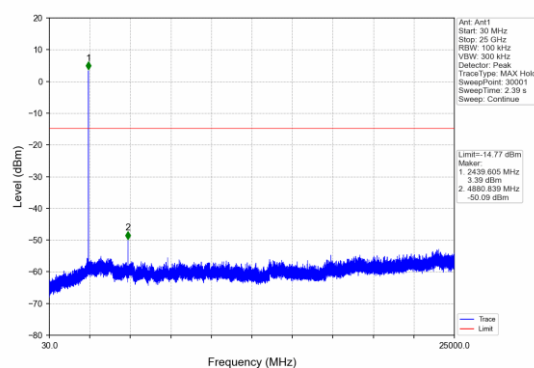
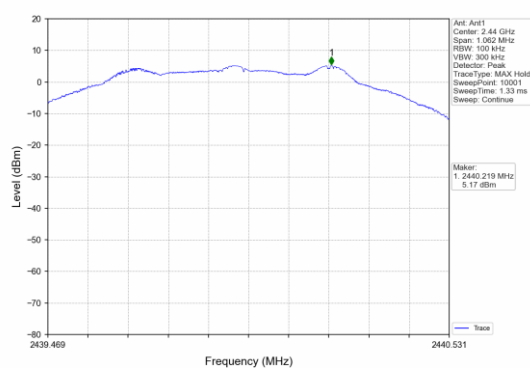
Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (1MHz)

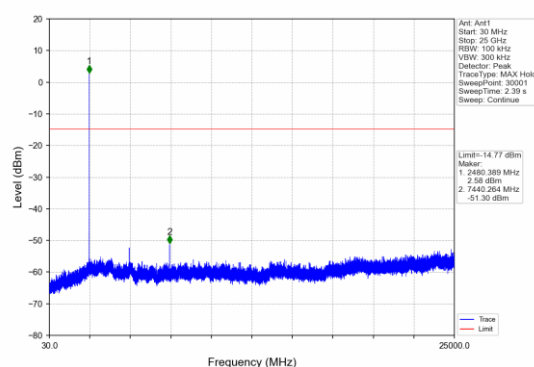
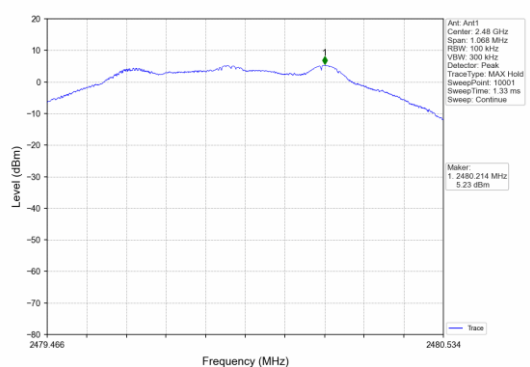
CH 0



CH 19



CH 39

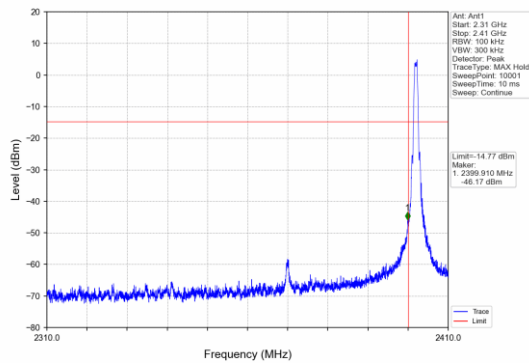




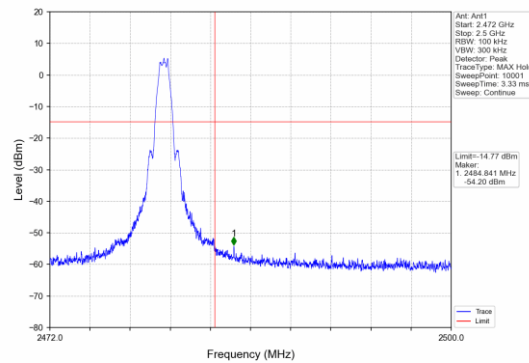
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



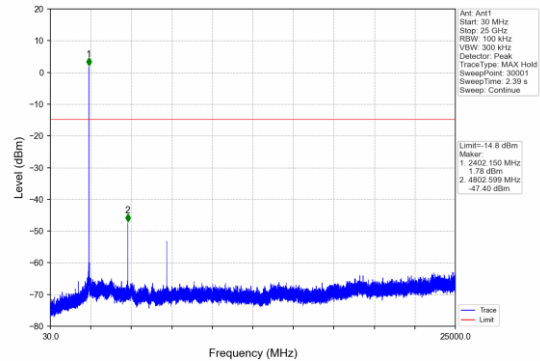
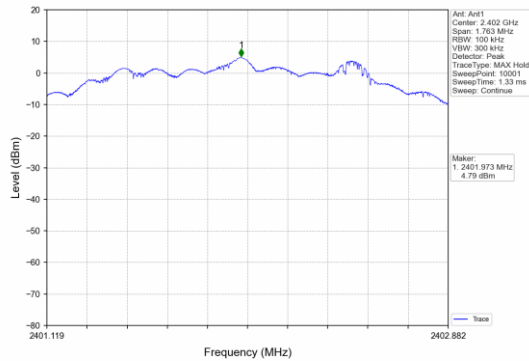


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VERITAS

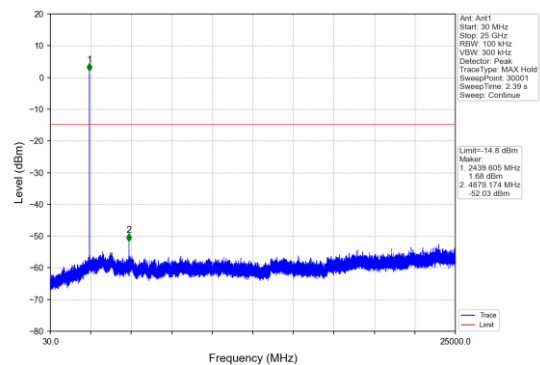
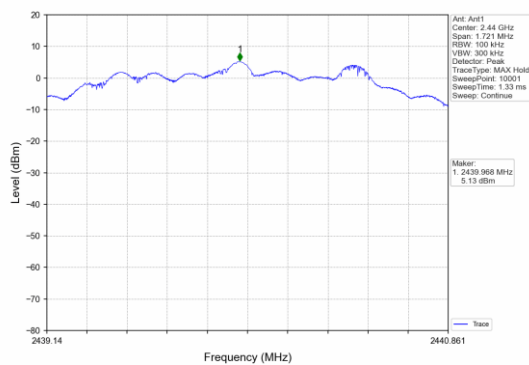
Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (2MHz)

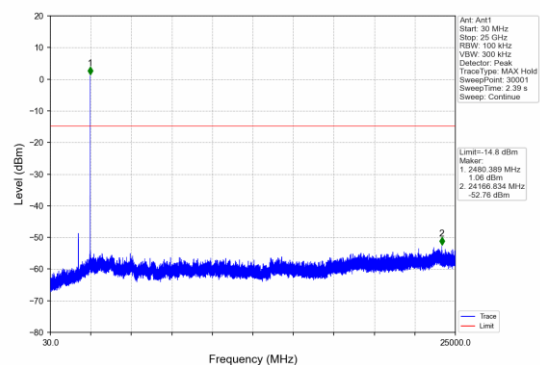
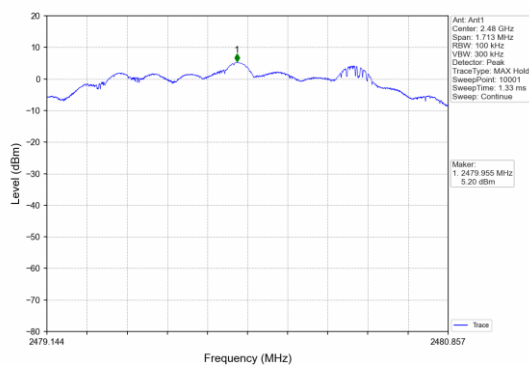
CH 0



CH 19



CH 39

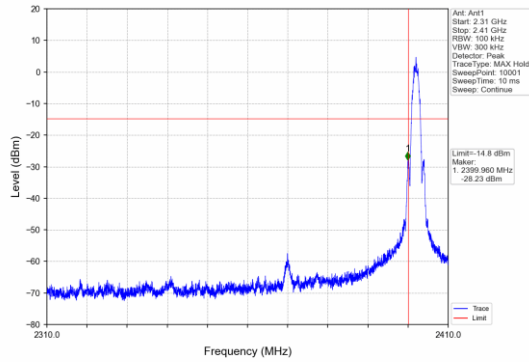




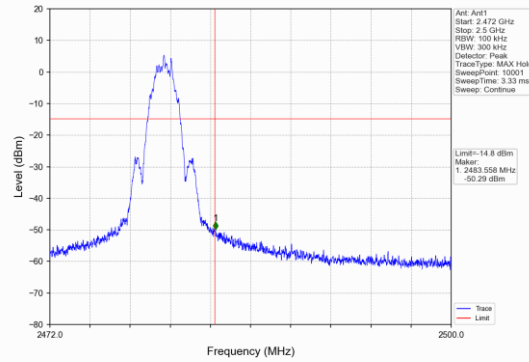
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



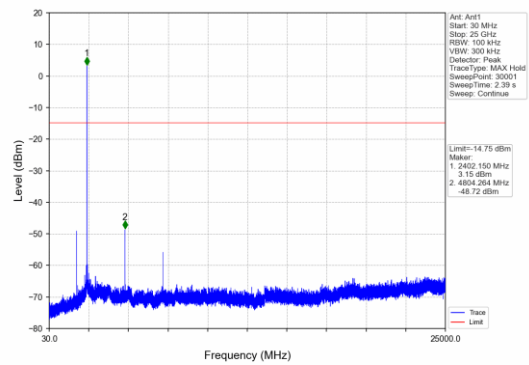
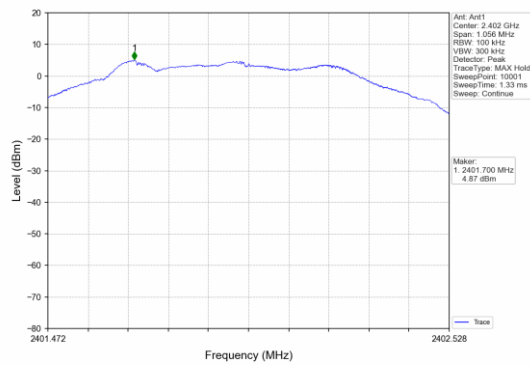


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VERITAS

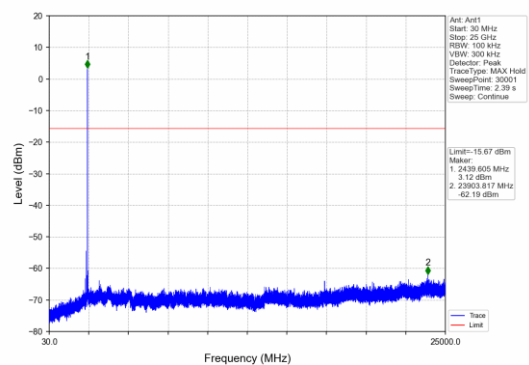
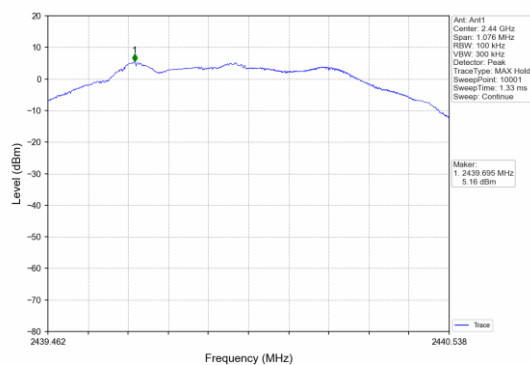
Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (S2)

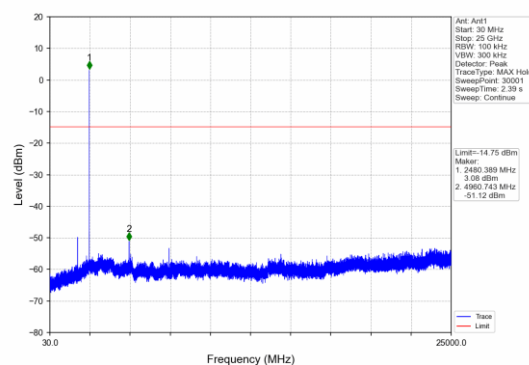
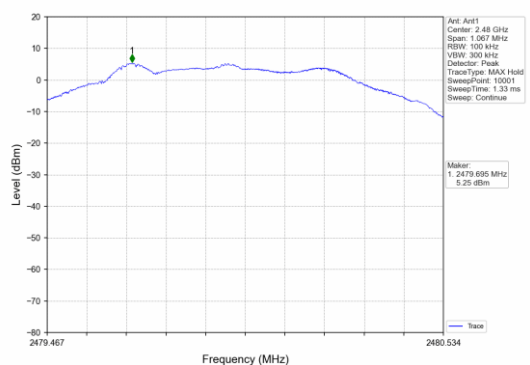
CH 0



CH 19



CH 39

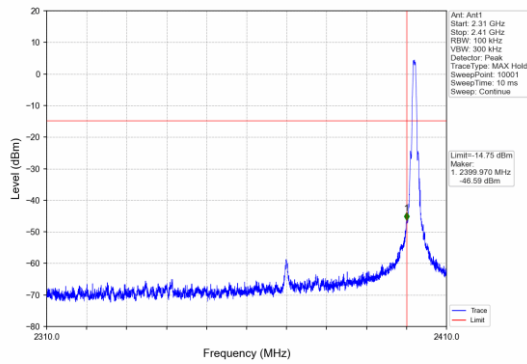




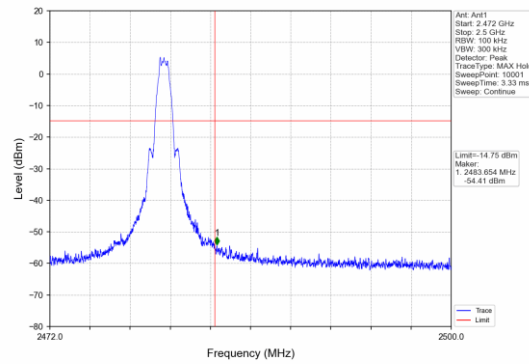
BUREAU
VERITAS

Test Report No.: W7L-P21080021RF08

CH 0 Band Edge



CH 39 Band Edge



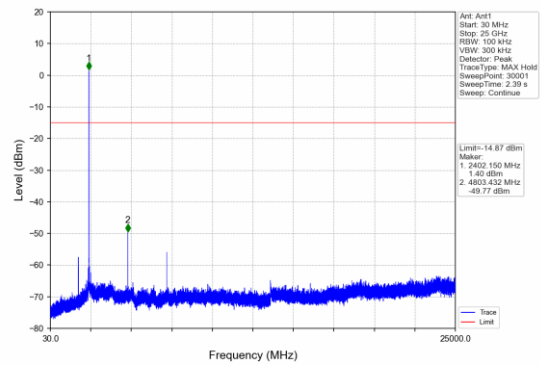
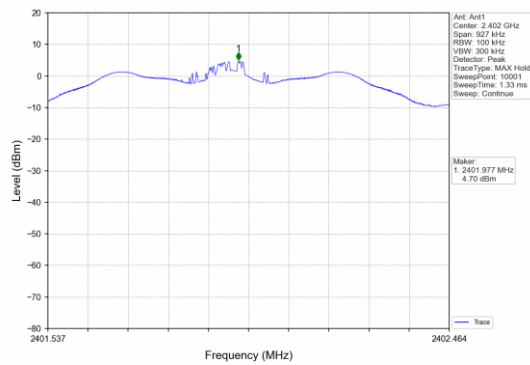


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VERITAS

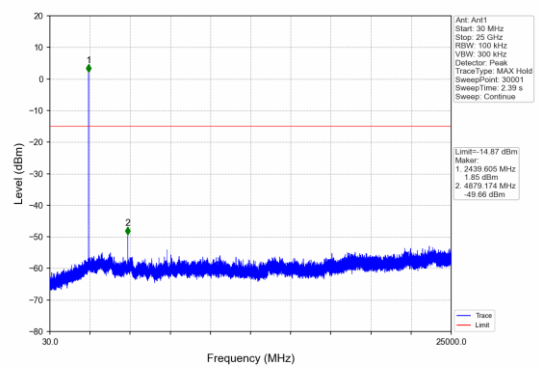
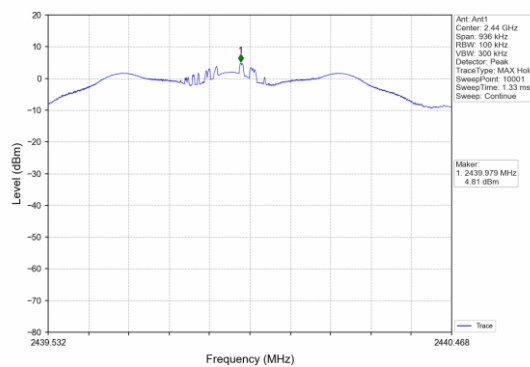
Test Report No.: W7L-P21080021RF08

2SECEND-BT-LE (S8)

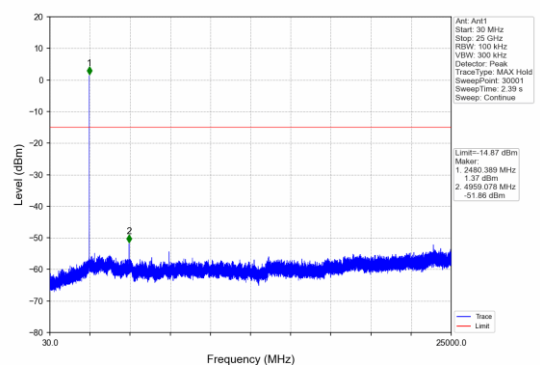
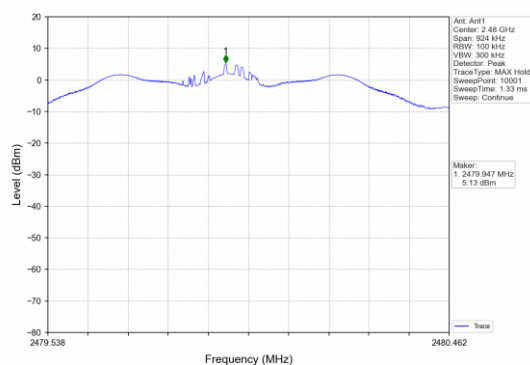
CH 0



CH 19



CH 39

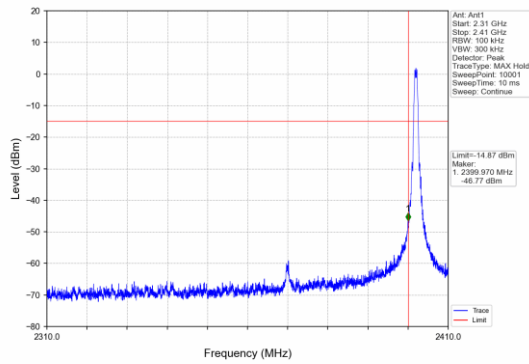




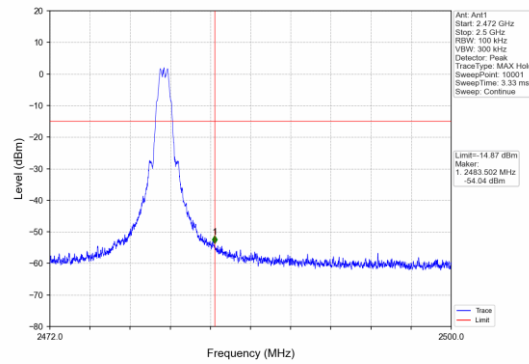
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CH 0 Band Edge



CH 39 Band Edge





Test Report No.: W7L-P21080021RF08

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



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5 APPENDIX A - 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.

---END---