



Ke Mei Ou Lab Corp.

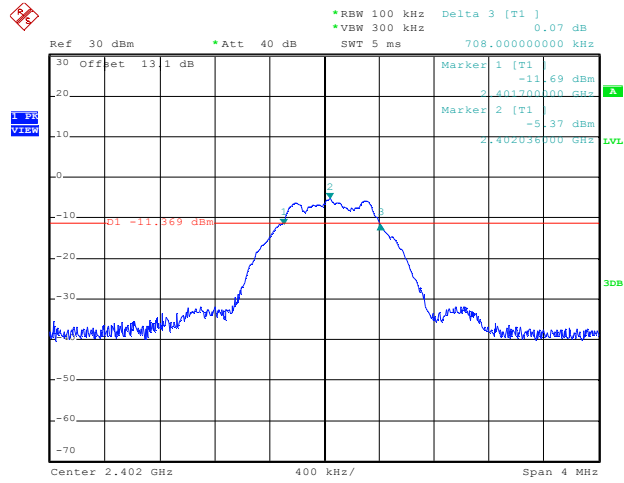
AppendixA: DTS Bandwidth

Test Result

| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_BT4.0 | Ant1 | 2402 | 0.708 | 2401.700 | 2402.408 | 0.5 | PASS |
| | | 2440 | 0.728 | 2439.672 | 2440.400 | 0.5 | PASS |
| | | 2480 | 0.704 | 2479.688 | 2480.392 | 0.5 | PASS |

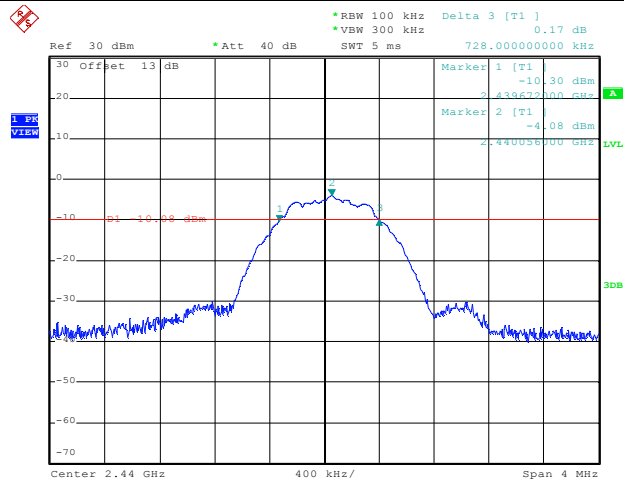
Test Graphs

BLE_BT4.0_Ant1_2402



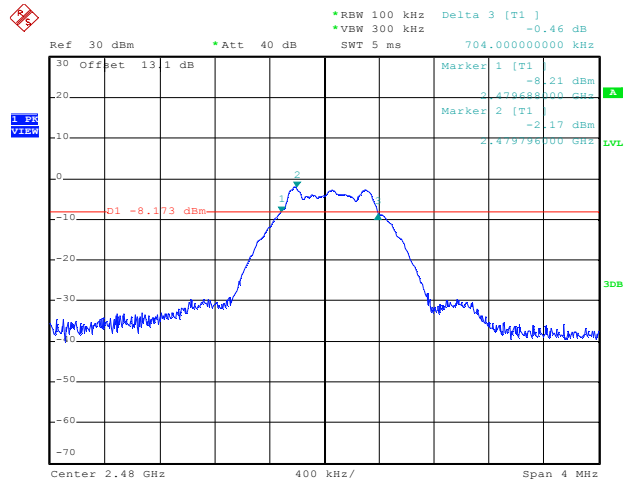
Date: 9.MAY.2019 19:50:59

BLE_BT4.0_Ant1_2440



Date: 9.MAY.2019 19:54:15

BLE_BT4.0_Ant1_2480



Date: 9.MAY.2019 19:57:19



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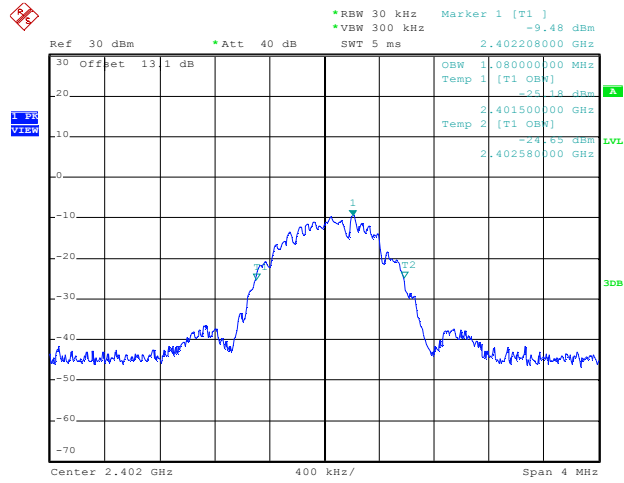
AppendixB: Occupied Channel Bandwidth

Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|---------|---------|------------|---------|
| BLE_BT4.0 | Ant1 | 2402 | 1.08 | 0.000 | 0.000 | --- | PASS |
| | | 2440 | 1.092 | 0.000 | 0.000 | --- | PASS |
| | | 2480 | 1.068 | 0.000 | 0.000 | --- | PASS |

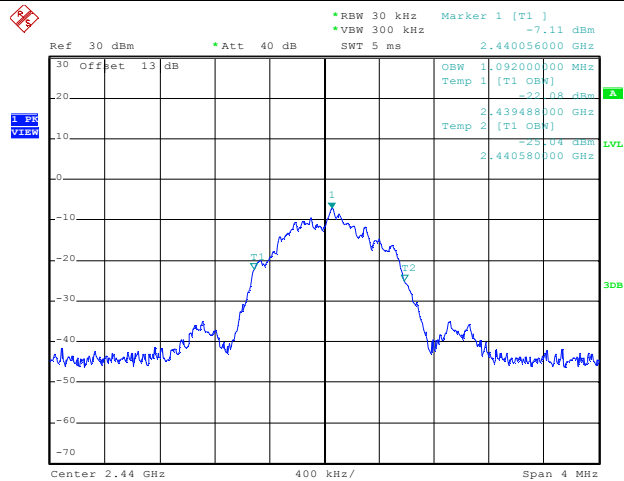
Test Graphs

BLE_BT4.0_Ant1_2402



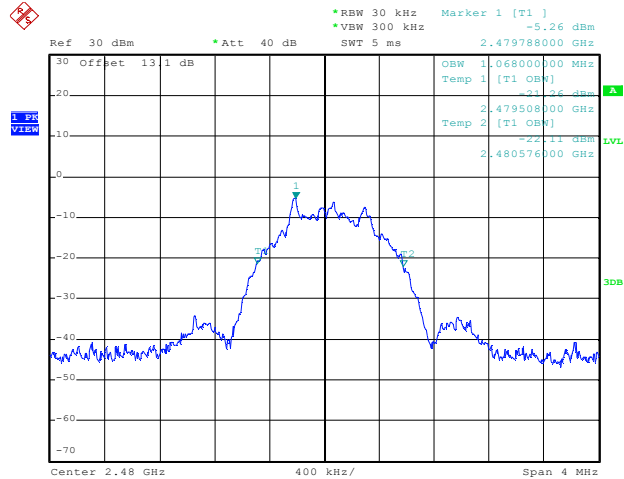
Date: 9.MAY.2019 19:51:11

BLE_BT4.0_Ant1_2440



Date: 9.MAY.2019 19:54:27

BLE_BT4.0_Ant1_2480



Date: 9.MAY.2019 19:57:32



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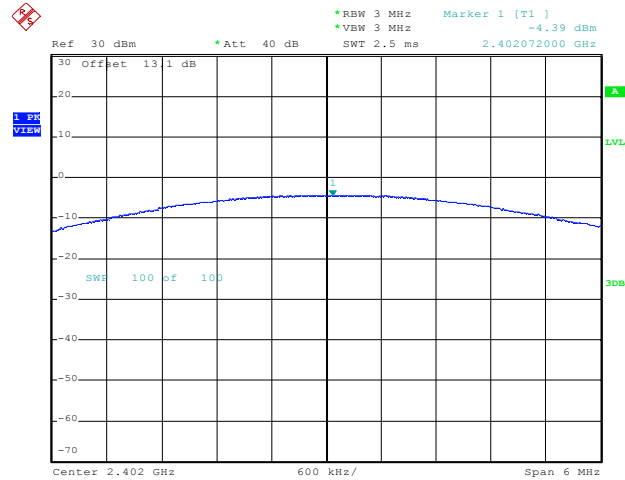
AppendixC: Maximum conducted output power

Test Result

| TestMode | Antenna | Channel | Result | Limit | Verdict |
|-----------|---------|---------|--------|-------|---------|
| BLE_BT4.0 | Ant1 | 2402 | -4.39 | <=30 | PASS |
| | | 2440 | -3.11 | <=30 | PASS |
| | | 2480 | -1.69 | <=30 | PASS |

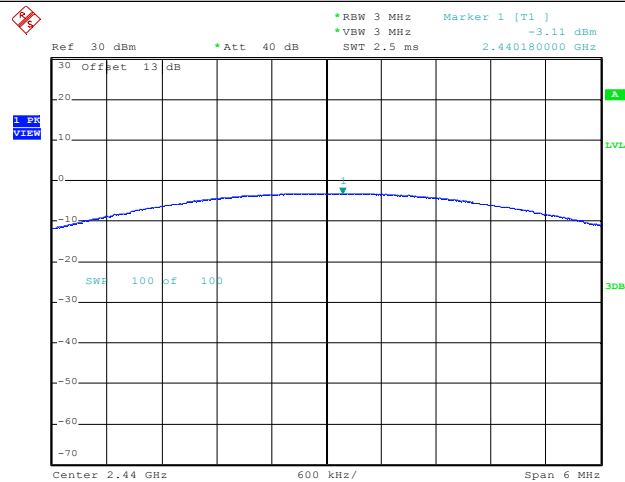
Test Graphs

BLE_BT4.0_Ant1_2402



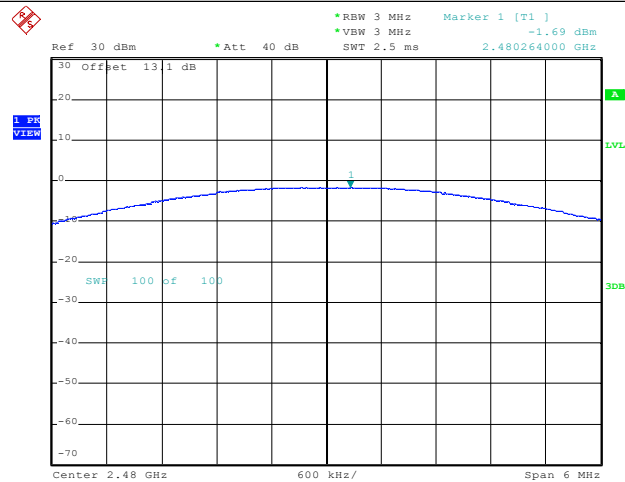
Date: 9.MAY.2019 19:51:20

BLE_BT4.0_Ant1_2440



Date: 9.MAY.2019 19:54:36

BLE_BT4.0_Ant1_2480



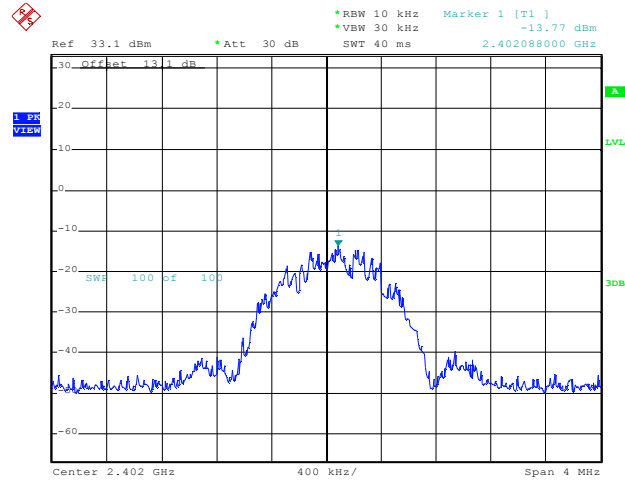
Date: 9.MAY.2019 19:57:40

AppendixD: Maximum power spectral density**Test Result**

| TestMode | Antenna | Channel | Result | Limit | Verdict |
|-----------|---------|---------|--------|-------|---------|
| BLE_BT4.0 | Ant1 | 2402 | -13.77 | <=8 | PASS |
| | | 2440 | -12.82 | <=8 | PASS |
| | | 2480 | -10.57 | <=8 | PASS |

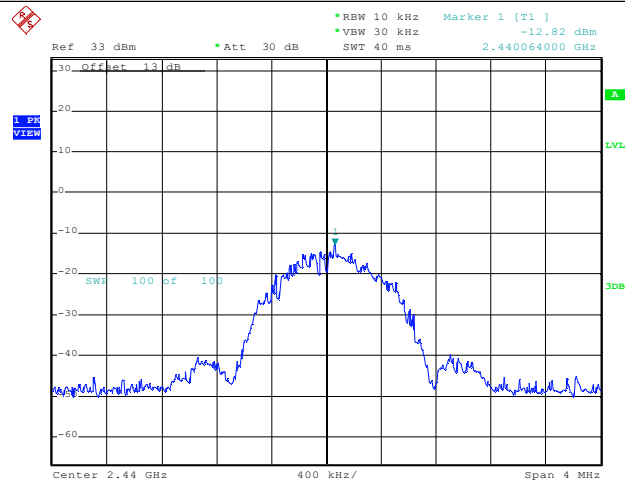
Test Graphs

BLE_BT4.0_Ant1_2402



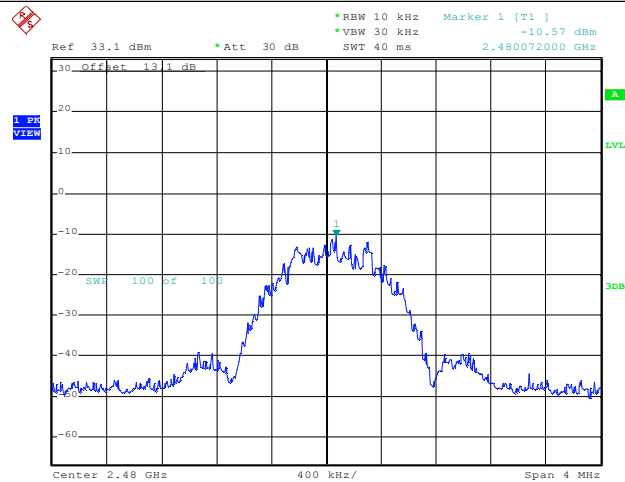
Date: 9.MAY.2019 19:51:31

BLE_BT4.0_Ant1_2440



Date: 9.MAY.2019 19:54:47

BLE_BT4.0_Ant1_2480



Date: 9.MAY.2019 19:57:51



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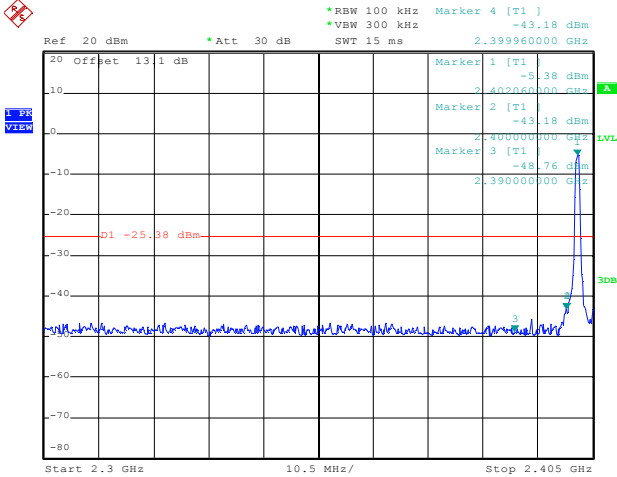
AppendixE:Band edge measurements

Test Result

| TestMode | Antenna | ChName | Channel | RefLevel | Result | Limit | Verdict |
|-----------|---------|--------|---------|----------|--------|----------|---------|
| BLE_BT4.0 | Ant1 | Low | 2402 | -5.38 | -43.18 | <=-25.38 | PASS |
| | | High | 2480 | -2.27 | -45.22 | <=-22.27 | PASS |

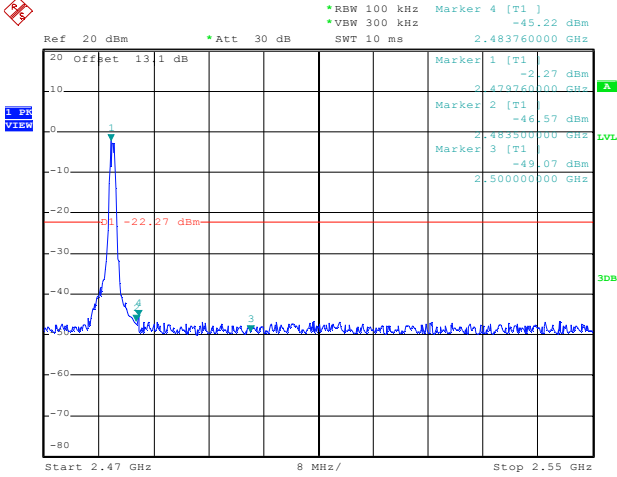
Test Graphs

BLE_BT4.0_Ant1_Low_2402



Date: 9.MAY.2019 19:51:43

BLE_BT4.0_Ant1_High_2480



Date: 9.MAY.2019 19:58:03



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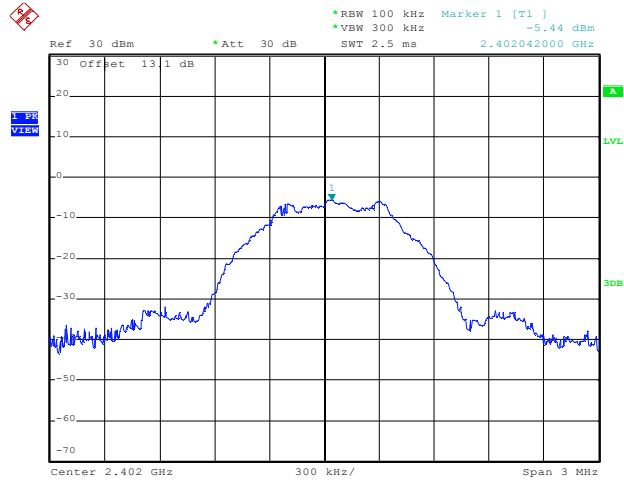
AppendixF:Conducted SpuriousEmission

Test Result

| TestMode | Antenna | Channel | FreqRange | RefLevel | Result | Limit | Verdict |
|-----------|---------|---------|------------|------------|--------|----------|---------|
| BLE_BT4.0 | Ant1 | 2402 | Reference | -5.44 | -5.44 | --- | PASS |
| | | | 30~1000 | 30~1000 | -48.26 | <=-25.44 | PASS |
| | | | 1000~26500 | 1000~26500 | -30.48 | <=-25.44 | PASS |
| | | 2440 | Reference | -4.21 | -4.21 | --- | PASS |
| | | | 30~1000 | 30~1000 | -48.52 | <=-24.21 | PASS |
| | | | 1000~26500 | 1000~26500 | -30.72 | <=-24.21 | PASS |
| | | 2480 | Reference | -2.18 | -2.18 | --- | PASS |
| | | | 30~1000 | 30~1000 | -48.03 | <=-22.18 | PASS |
| | | | 1000~26500 | 1000~26500 | -30.56 | <=-22.18 | PASS |

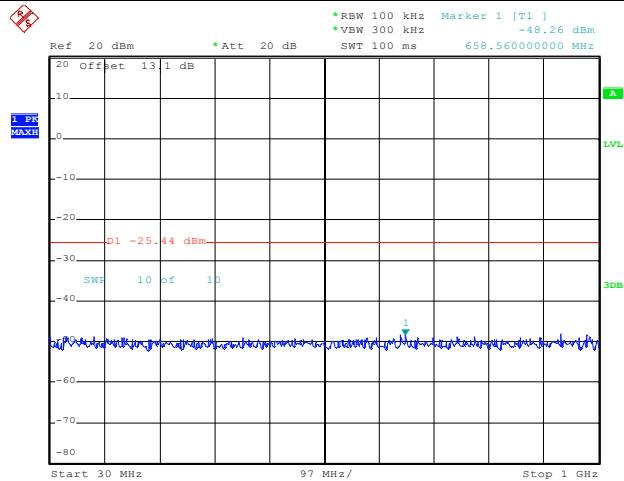
Test Graphs

BLE_BT4.0_Ant1_2402_0~Reference



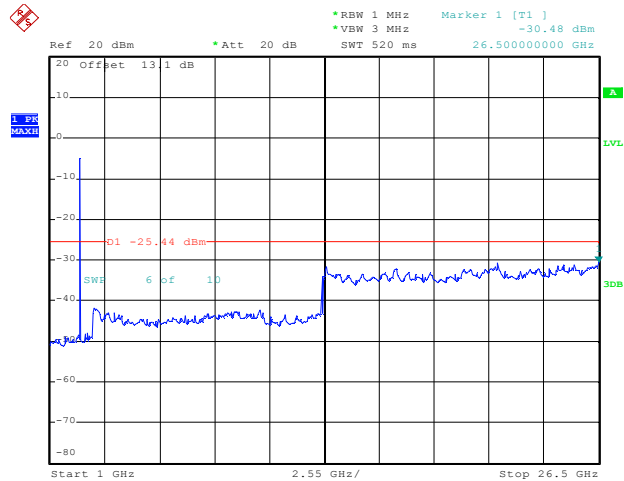
Date: 9.MAY.2019 19:51:51

BLE_BT4.0_Ant1_2402_30~1000



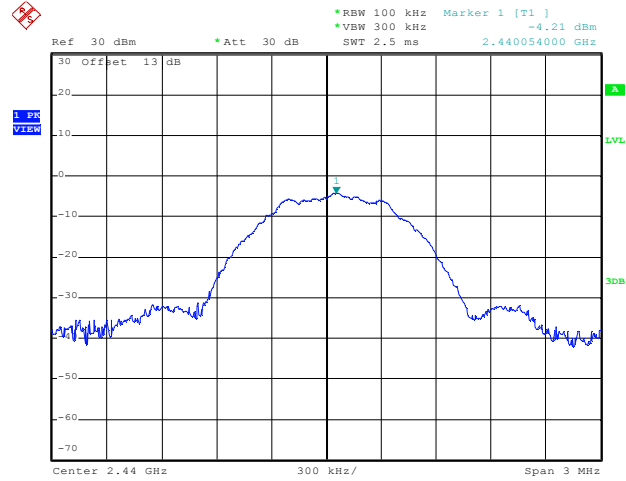
Date: 9.MAY.2019 19:52:01

BLE_BT4.0_Ant1_2402_1000~26500



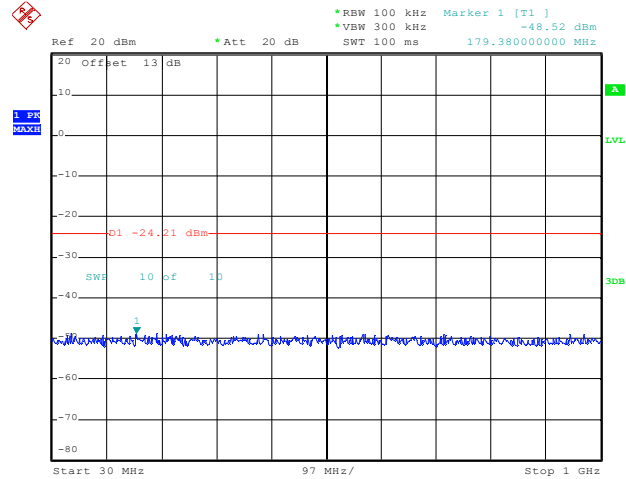
Date: 9.MAY.2019 19:52:15

BLE_BT4.0_Ant1_2440_0~Reference



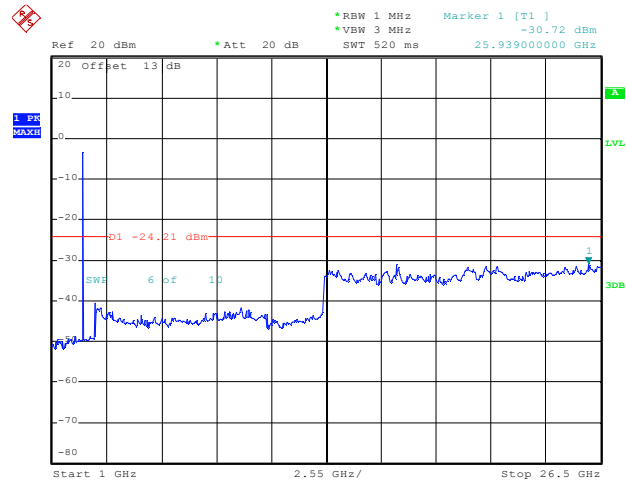
Date: 9.MAY.2019 19:54:54

BLE_BT4.0_Ant1_2440_30~1000



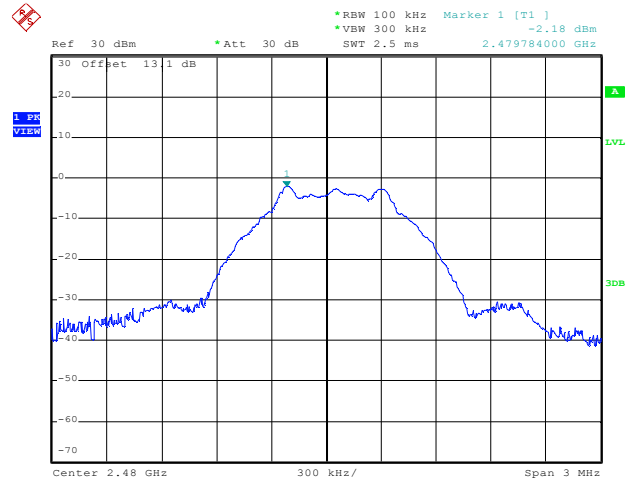
Date: 9.MAY.2019 19:55:04

BLE_BT4.0_Ant1_2440_1000~26500



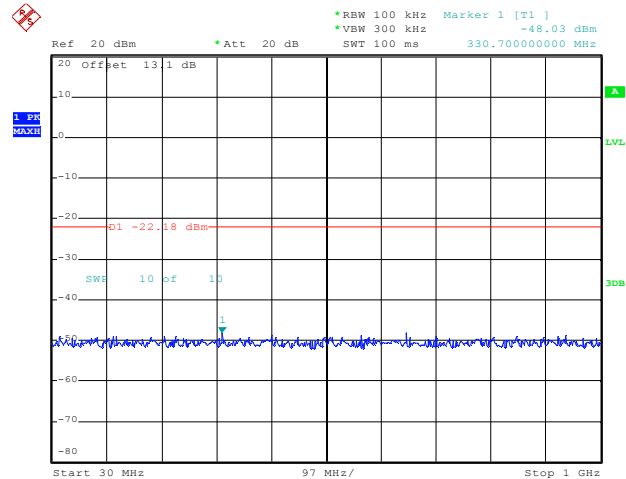
Date: 9.MAY.2019 19:55:19

BLE_BT4.0_Ant1_2480_0~Reference



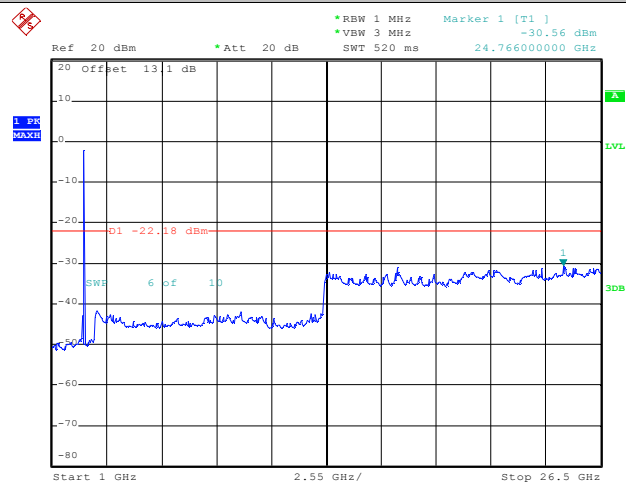
Date: 9.MAY.2019 19:58:11

BLE_BT4.0_Ant1_2480_30~1000



Date: 9.MAY.2019 19:58:21

BLE_BT4.0_Ant1_2480_1000~26500



Date: 9.MAY.2019 19:58:35



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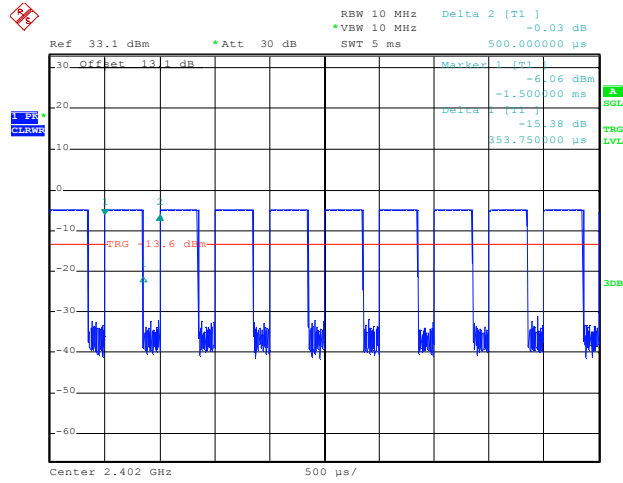
AppendixG: DutyCycle

Test Result

| TestMode | Antenna | Channel | TransmissionDuration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|-----------|---------|---------|------------------------------|-----------------------------|----------------|
| BLE_BT4.0 | Ant1 | 2402 | 0.35 | 0.50 | 70.75 |
| | | 2440 | 0.35 | 0.50 | 70.88 |
| | | 2480 | 0.35 | 0.50 | 70.88 |

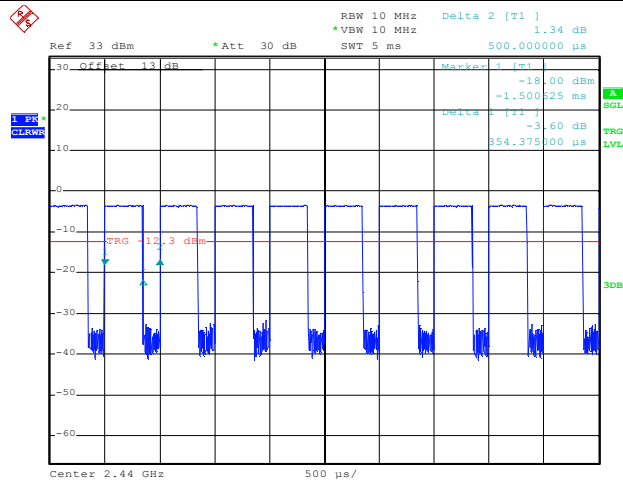
Test Graphs

BLE_BT4.0_Ant1_2402



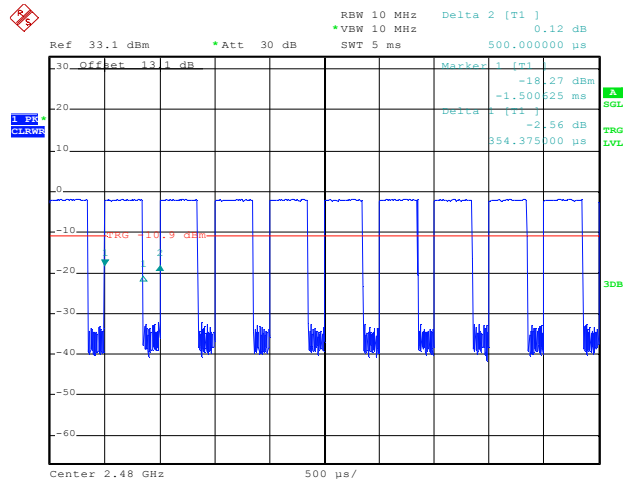
Date: 9.MAY.2019 19:50:37

BLE_BT4.0_Ant1_2440



Date: 9.MAY.2019 19:53:53

BLE_BT4.0_Ant1_2480



Date: 9.MAY.2019 19:56:57