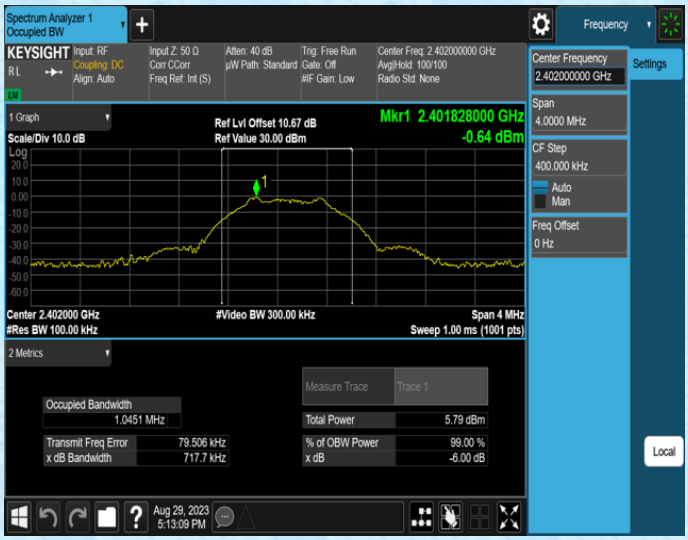
AppendixA: DTS Bandwidth

Test Result

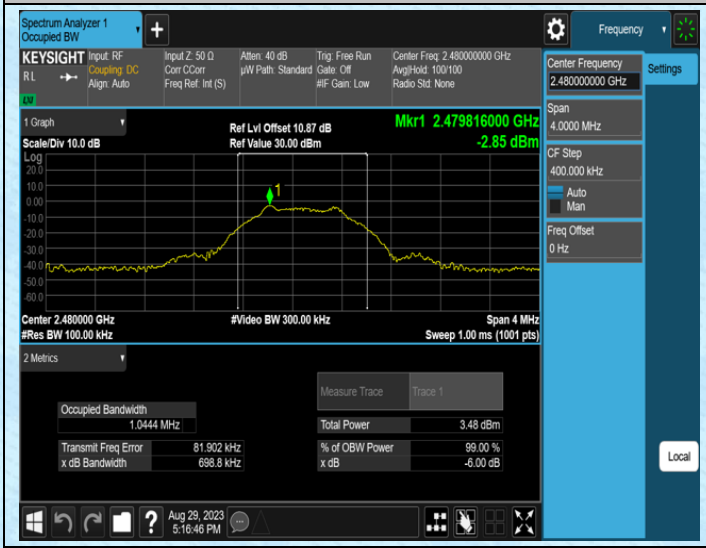
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.7177	0.5	PASS
BLE_1M	Ant1	2440	0.7051	0.5	PASS
BLE_1M	Ant1	2480	0.6988	0.5	PASS

Test Graphs



BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

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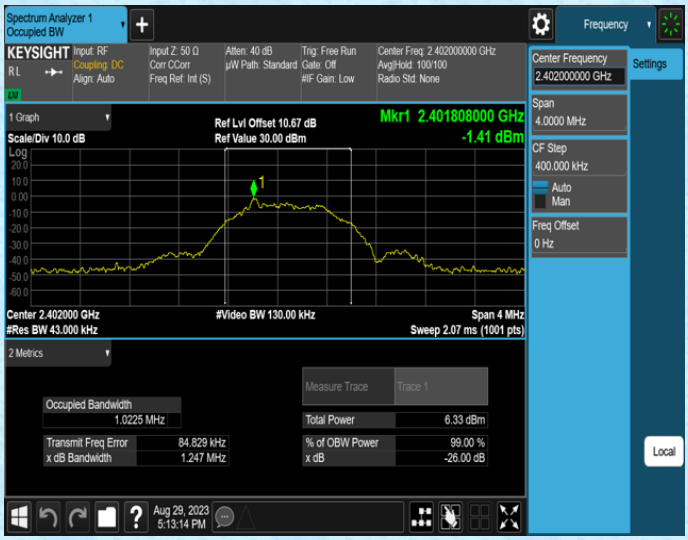
AppendixB: Occupied Channel Bandwidth

Test Result

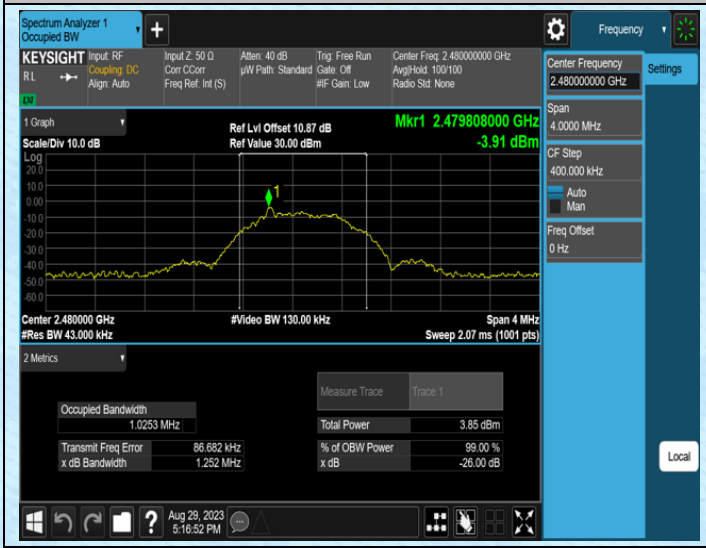
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0225	2401.5736	2402.5961	---	---
BLE_1M	Ant1	2440	1.0269	2439.5725	2440.5994	---	---
BLE_1M	Ant1	2480	1.0253	2479.5740	2480.5993	---	---

Test Graphs



BLE_1M-Ant1-2402

BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

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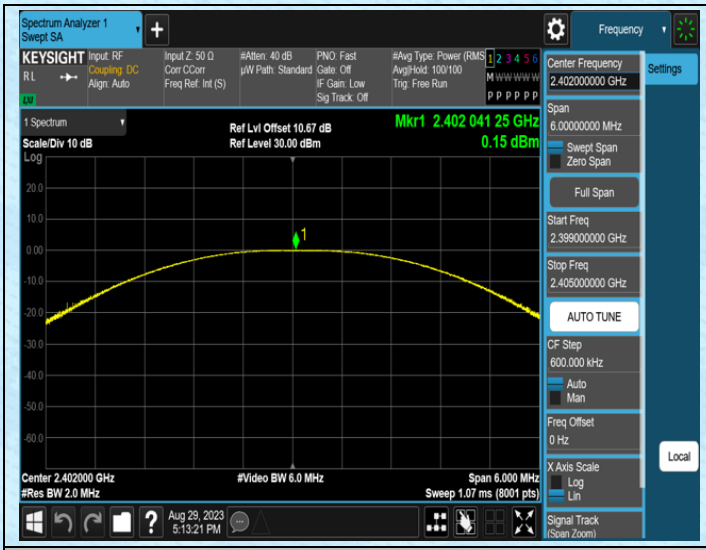
AppendixC: Maximum conducted output power

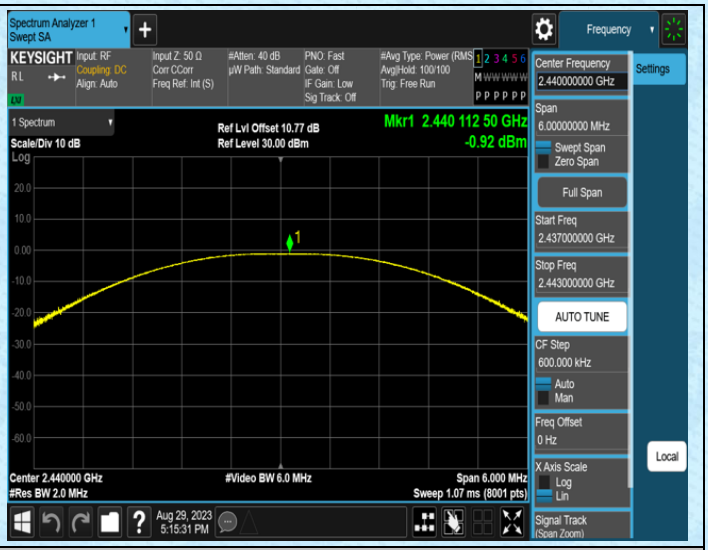
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.15	≤30	2.19	≤36	PASS
BLE_1M	Ant1	2440	-0.92	≤30	1.12	≤36	PASS
BLE_1M	Ant1	2480	-2.24	≤30	-0.20	≤36	PASS

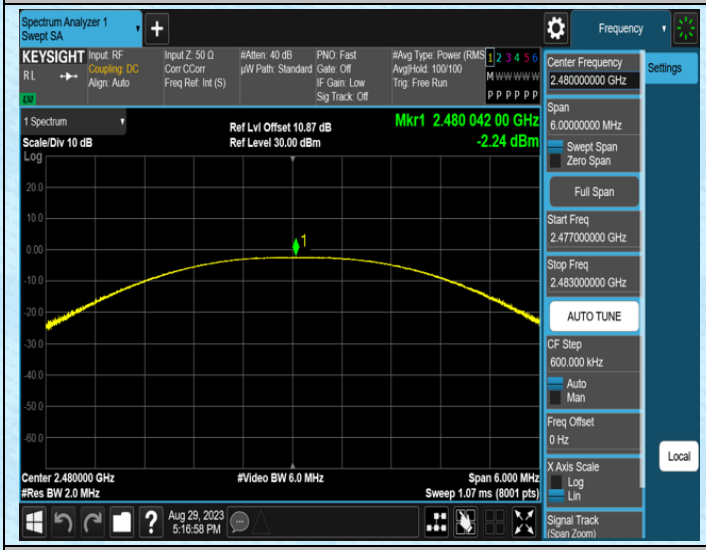
Test Graphs Peak



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

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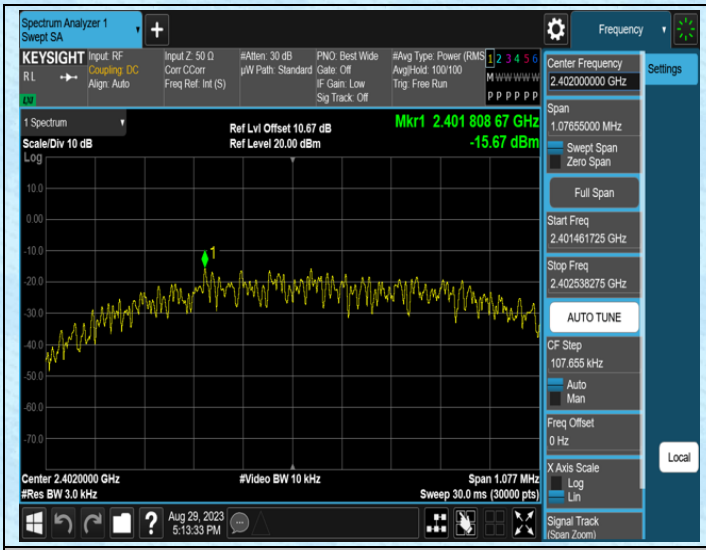
AppendixD: Maximum power spectral density

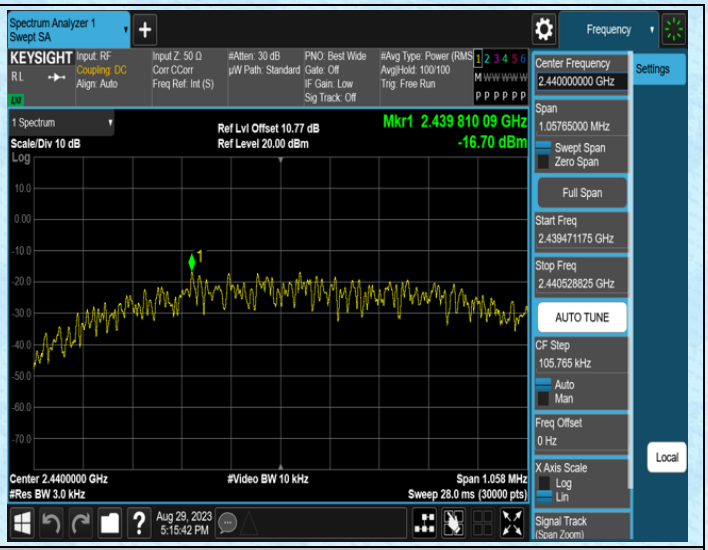
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.67	≤8.00	PASS
BLE_1M	Ant1	2440	-16.70	≤8.00	PASS
BLE_1M	Ant1	2480	-18.06	≤8.00	PASS

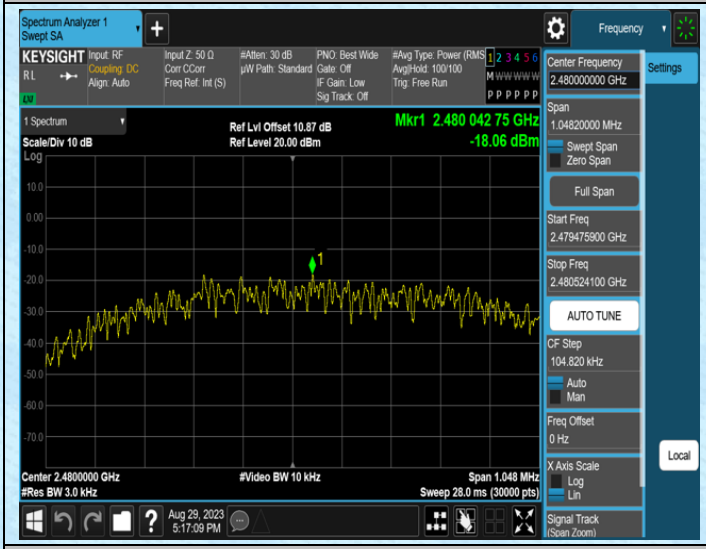
Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

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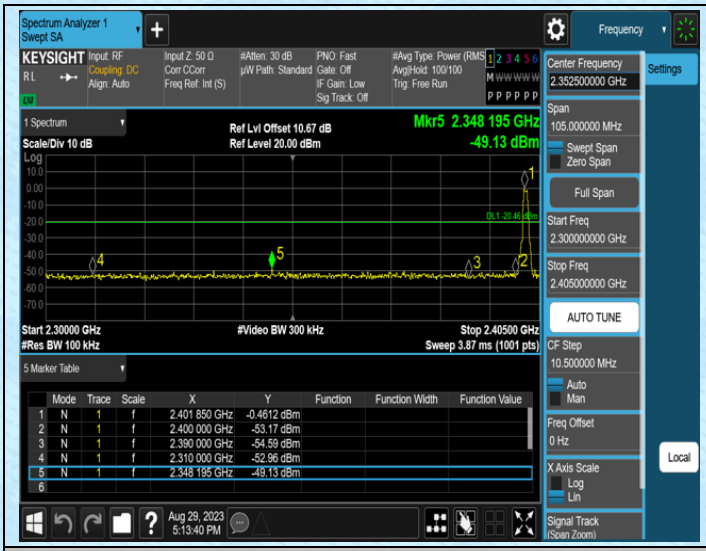
AppendixE:Band edge measurements

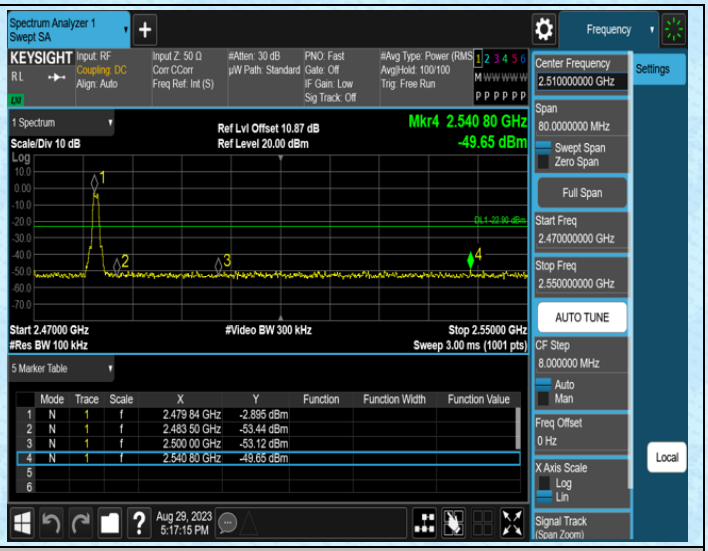
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.46	-49.14	≤-20.46	PASS
BLE_1M	Ant1	High	2480	-2.90	-49.65	≤-22.9	PASS

Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2480

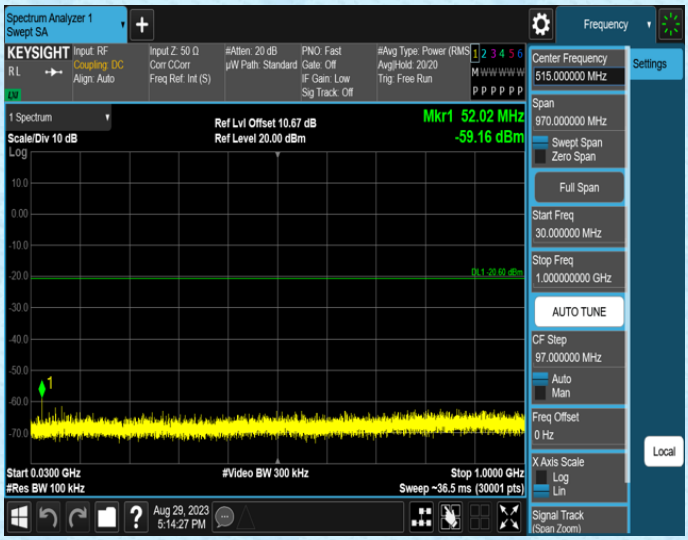
AppendixF:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.60	-0.60	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.60	-59.16	≤-20.6	PASS
BLE_1M	Ant1	2402	1000~26500	-0.60	-49.96	≤-20.6	PASS
BLE_1M	Ant1	2440	0~Reference	-2.33	-2.33	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.33	-60.21	≤-22.33	PASS
BLE_1M	Ant1	2440	1000~26500	-2.33	-50.21	≤-22.33	PASS
BLE_1M	Ant1	2480	0~Reference	-4.04	-4.04	---	PASS
BLE_1M	Ant1	2480	30~1000	-4.04	-59.76	≤-24.04	PASS
BLE_1M	Ant1	2480	1000~26500	-4.04	-48.55	≤-24.04	PASS

Test Graphs

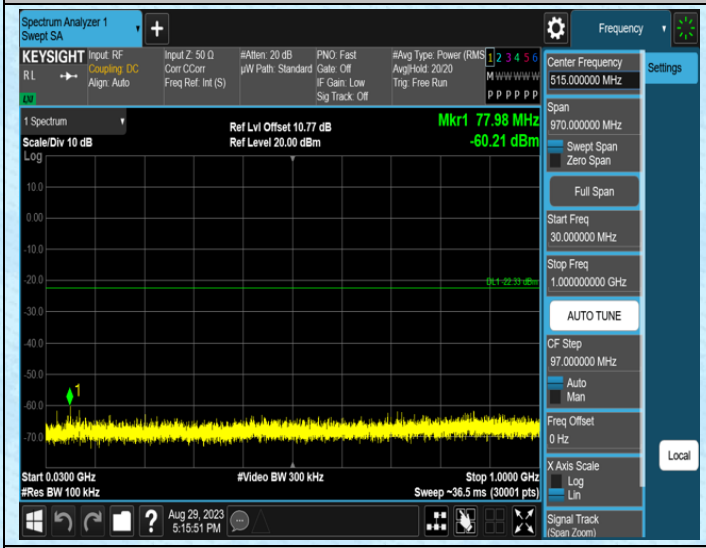
BLE_1M-Ant1-2402-0~Reference



BLE_1M-Ant1-2402-30~1000

BLE_1M-Ant1-2402-1000~26500

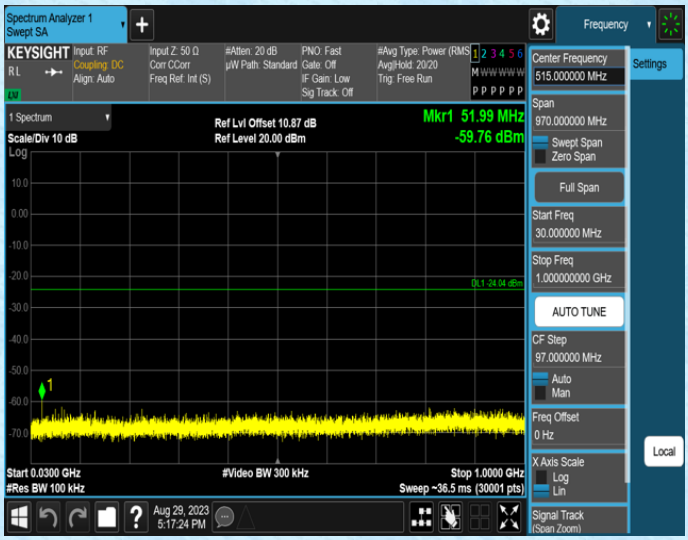
BLE_1M-Ant1-2440-0~Reference



BLE_1M-Ant1-2440-30~1000

BLE_1M-Ant1-2440-1000~26500

BLE_1M-Ant1-2480-0~Reference



BLE_1M-Ant1-2480-30~1000

BLE_1M-Ant1-2480-1000~26500

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