

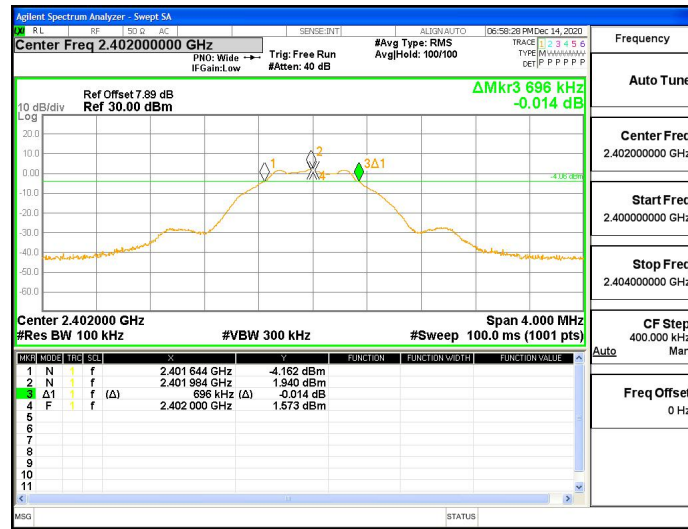
## Appendix A: DTS Bandwidth

### Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1Mbps	Ant1	2402	0.696	2401.644	2402.340	$\geq 0.5$	PASS
		2442	0.684	2441.652	2442.336	$\geq 0.5$	PASS
		2480	0.700	2479.636	2480.336	$\geq 0.5$	PASS
BLE_2Mbps	Ant1	2402	1.124	2401.416	2402.540	$\geq 0.5$	PASS
		2442	0.992	2441.408	2442.400	$\geq 0.5$	PASS
		2480	1.140	2479.420	2480.560	$\geq 0.5$	PASS

# Test Graphs

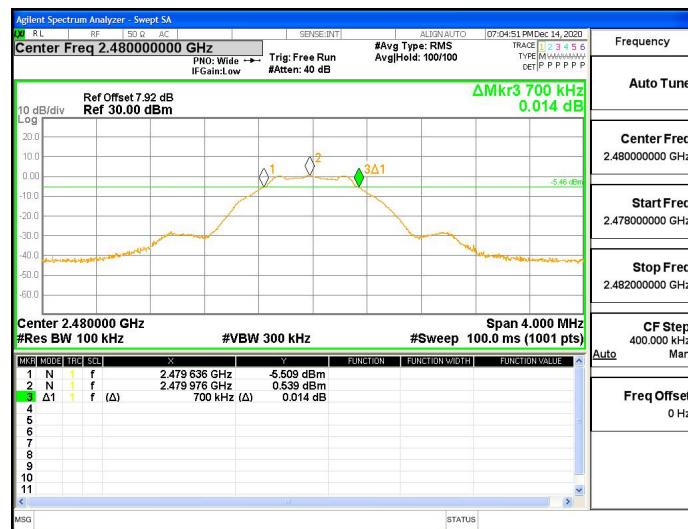
## BLE\_1Mbps\_Ant1\_2402



## BLE\_1Mbps\_Ant1\_2442



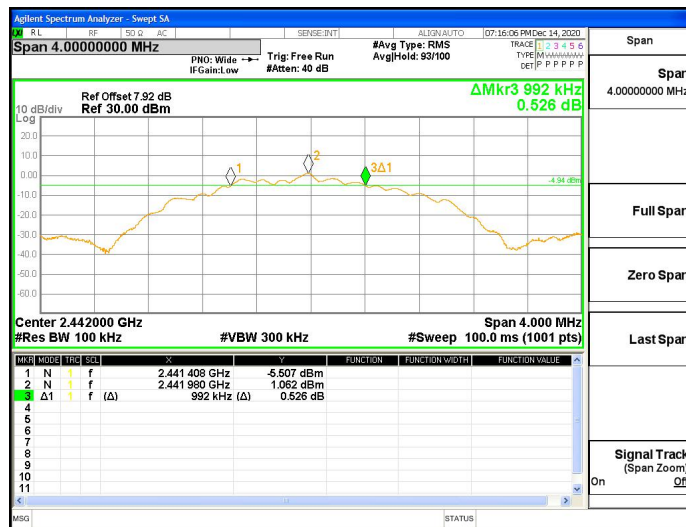
## BLE\_1Mbps\_Ant1\_2480



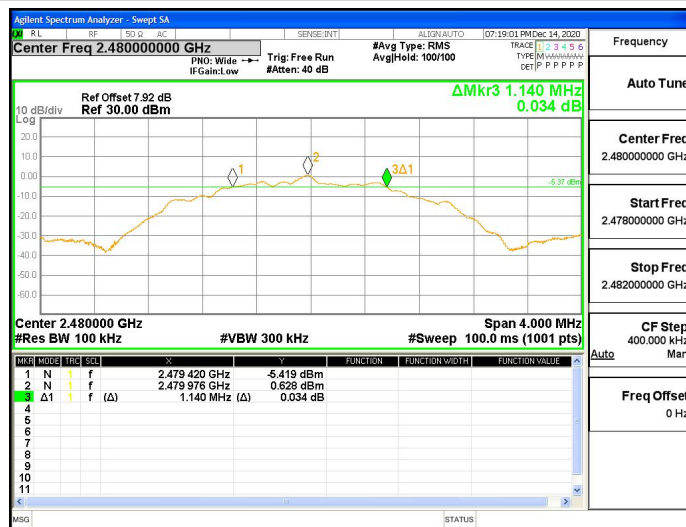
### BLE\_2Mbps\_Ant1\_2402



### BLE\_2Mbps\_Ant1\_2442



### BLE\_2Mbps\_Ant1\_2480



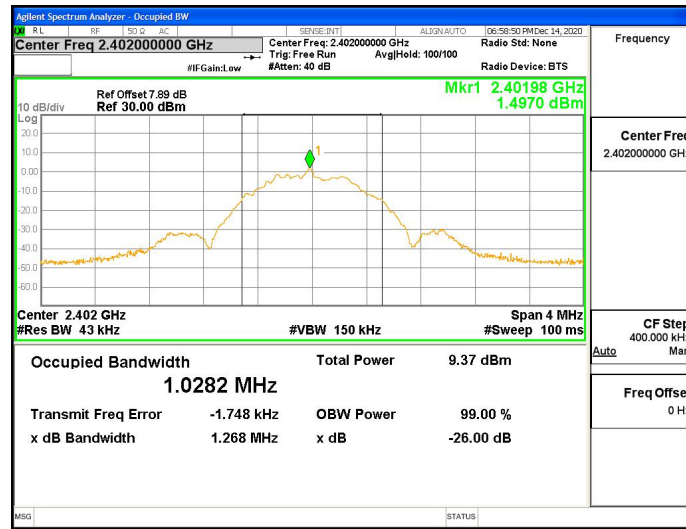
## Appendix B: Occupied Channel Bandwidth

### Test Result

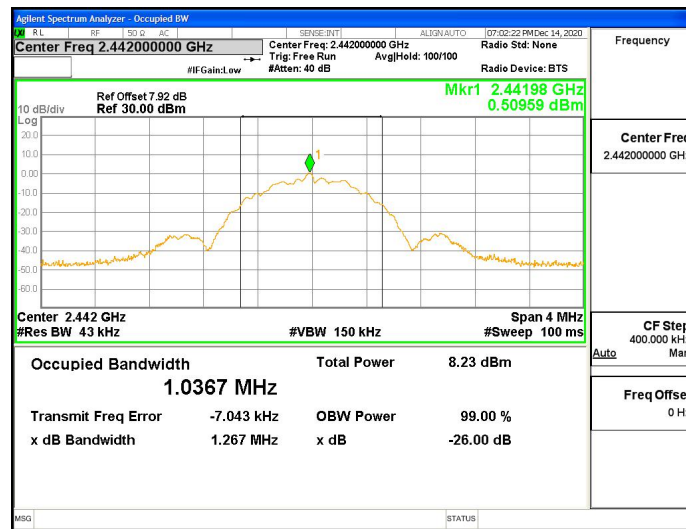
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1Mbps	Ant1	2402	1.0282	2401.484	2402.512	---	PASS
		2442	1.0367	2441.475	2442.511	---	PASS
		2480	1.0370	2479.477	2480.514	---	PASS
BLE_2Mbps	Ant1	2402	2.0601	2400.977	2403.037	---	PASS
		2442	2.0607	2440.975	2443.036	---	PASS
		2480	2.0606	2478.977	2481.038	---	PASS

# Test Graphs

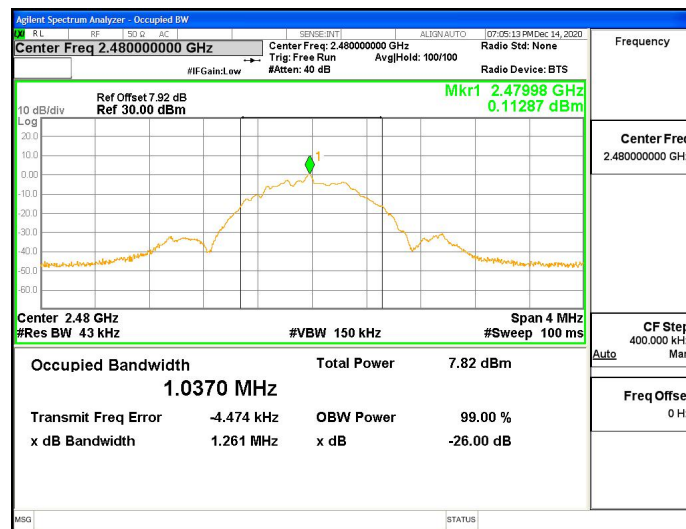
## BLE\_1Mbps\_Ant1\_2402



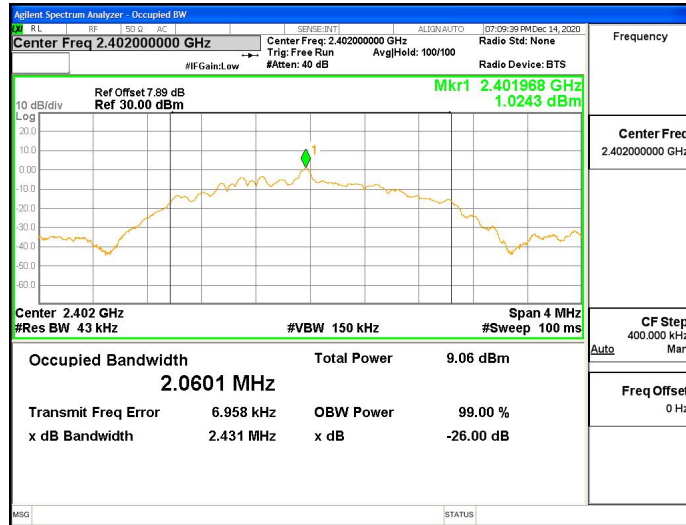
## BLE\_1Mbps\_Ant1\_2442



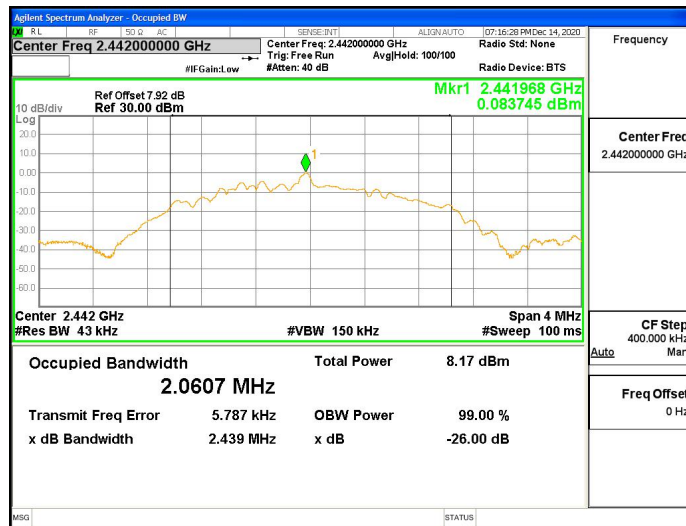
## BLE\_1Mbps\_Ant1\_2480



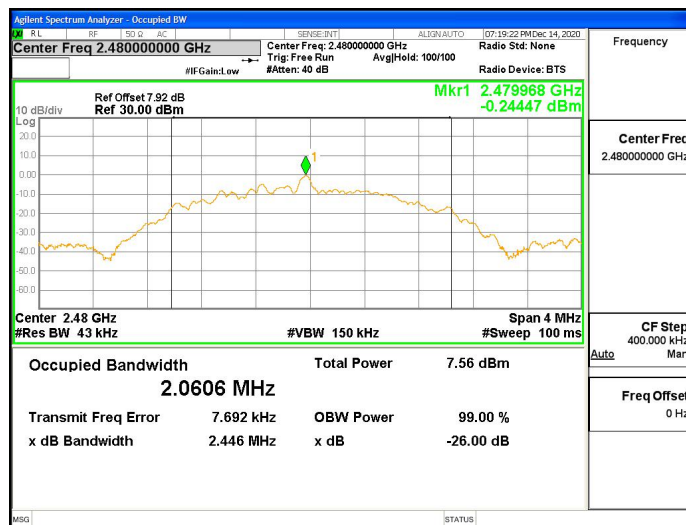
### BLE\_2Mbps\_Ant1\_2402



### BLE\_2Mbps\_Ant1\_2442



### BLE\_2Mbps\_Ant1\_2480



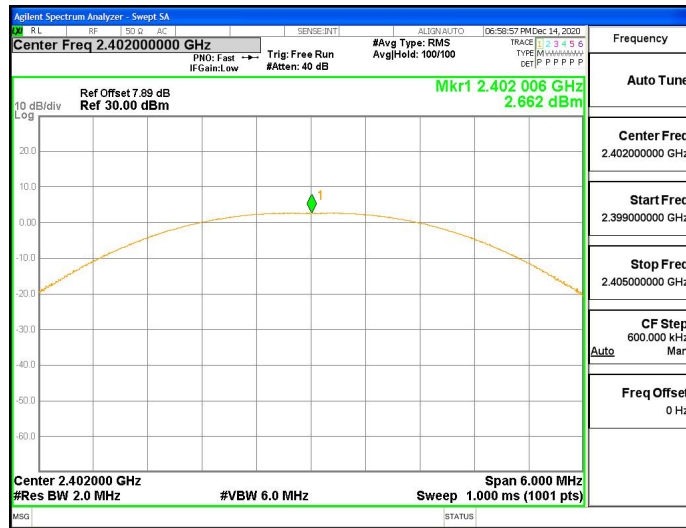
## Appendix C: Maximum conducted output power

### Test Result

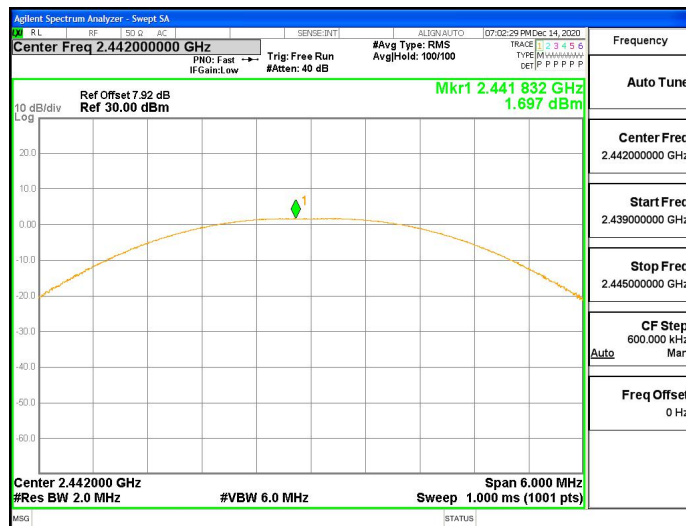
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1Mbps	Ant1	2402	2.66	<=30	PASS
		2442	1.7	<=30	PASS
		2480	1.24	<=30	PASS
BLE_2Mbps	Ant1	2402	2.68	<=30	PASS
		2442	1.63	<=30	PASS
		2480	1.26	<=30	PASS

# Test Graphs

BLE\_1Mbps\_Ant1\_2402

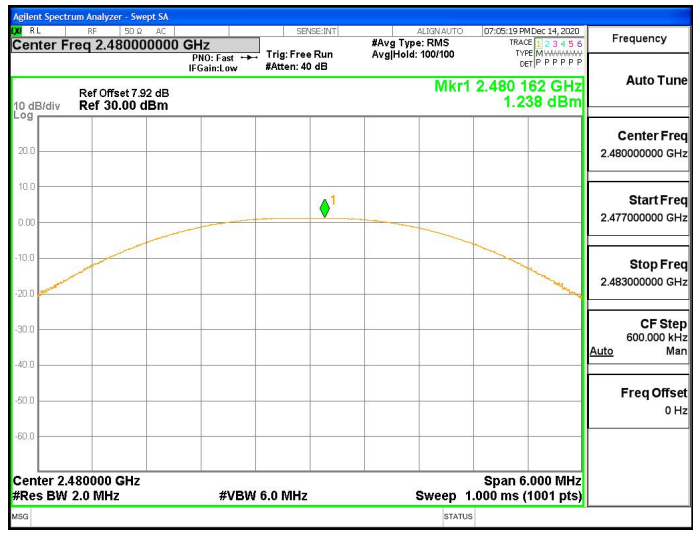


BLE\_1Mbps\_Ant1\_2442

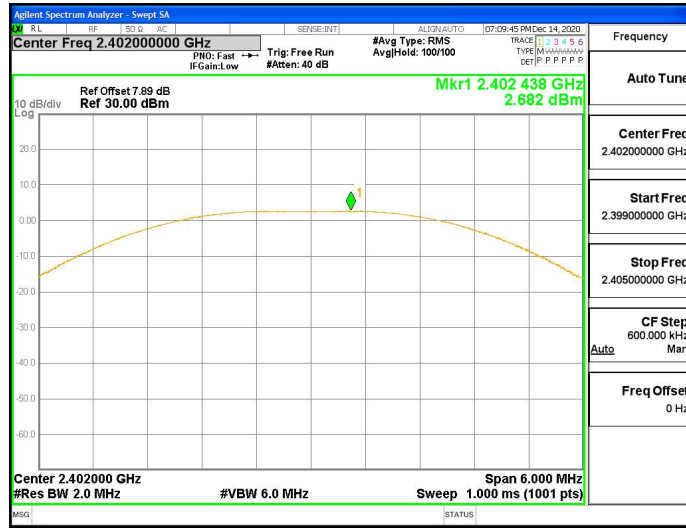


BLE\_1Mbps\_Ant1\_2480

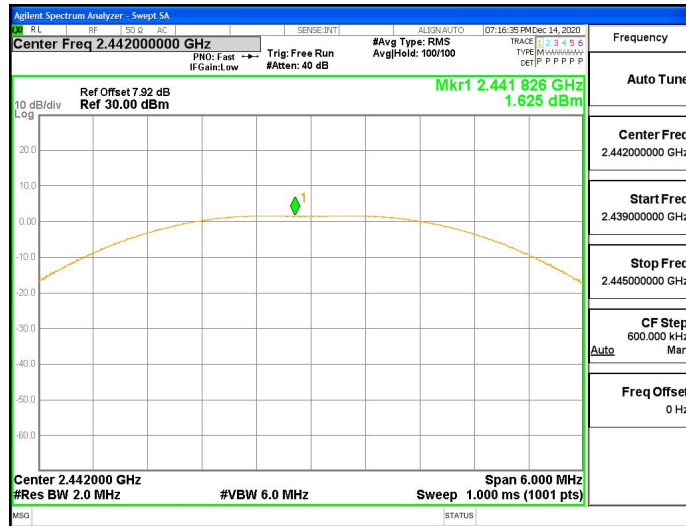




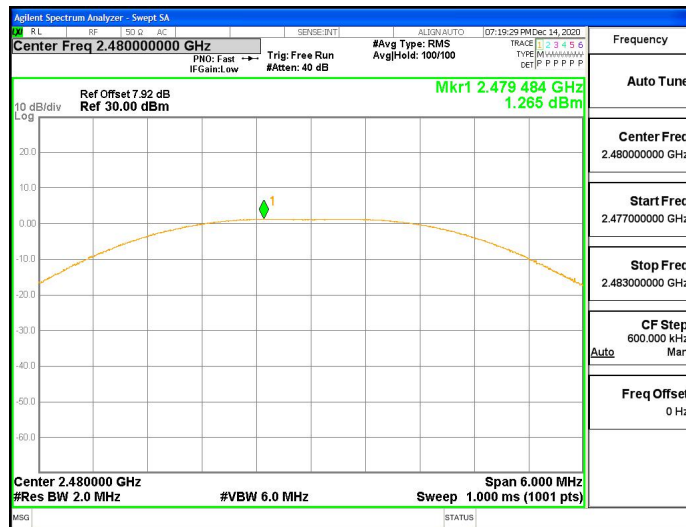
### BLE\_2Mbps\_Ant1\_2402



### BLE\_2Mbps\_Ant1\_2442



### BLE\_2Mbps\_Ant1\_2480



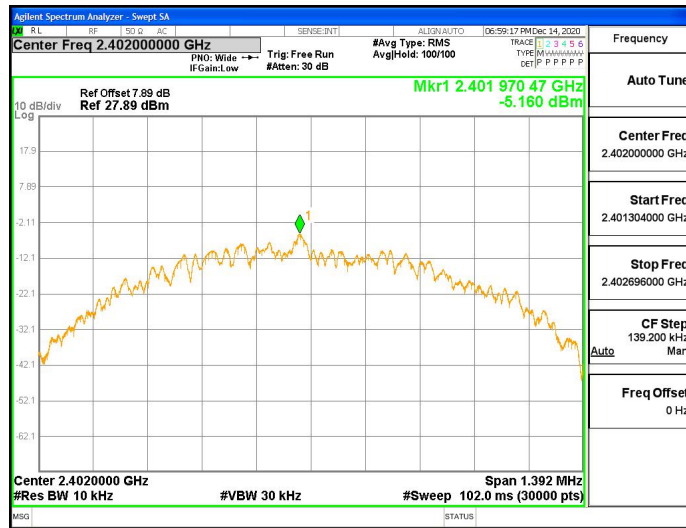
## Appendix D: Maximum power spectral density

### Test Result

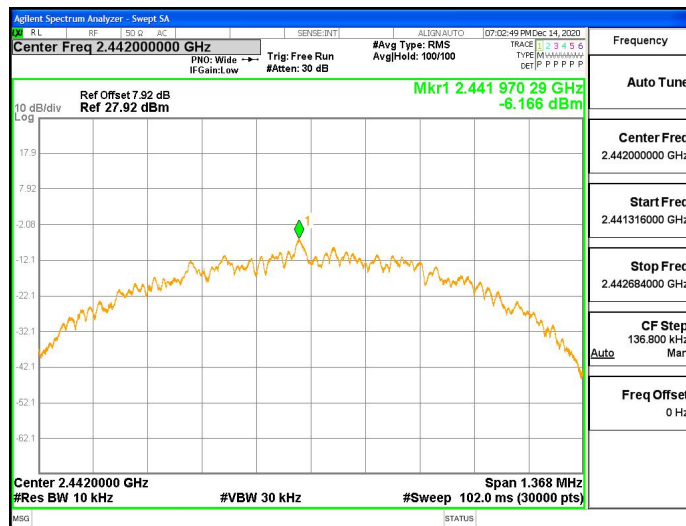
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1Mbps	Ant1	2402	-5.16	<=8	PASS
		2442	-6.17	<=8	PASS
		2480	-6.53	<=8	PASS
BLE_2Mbps	Ant1	2402	-6.26	<=8	PASS
		2442	-7.05	<=8	PASS
		2480	-7.5	<=8	PASS

# Test Graphs

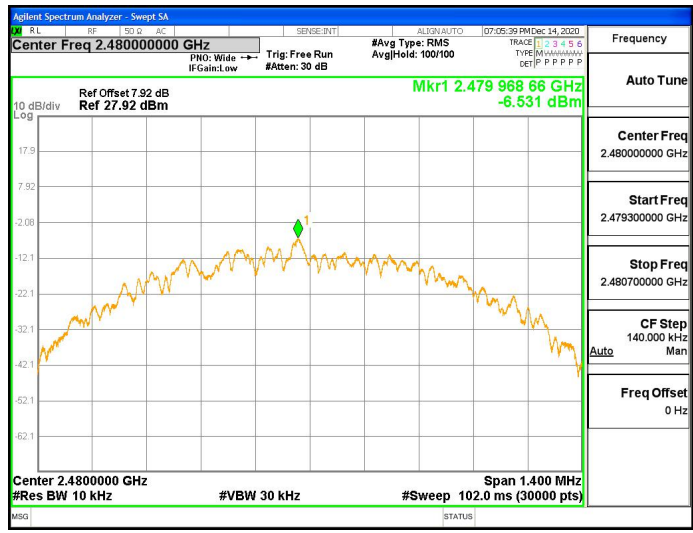
BLE\_1Mbps\_Ant1\_2402



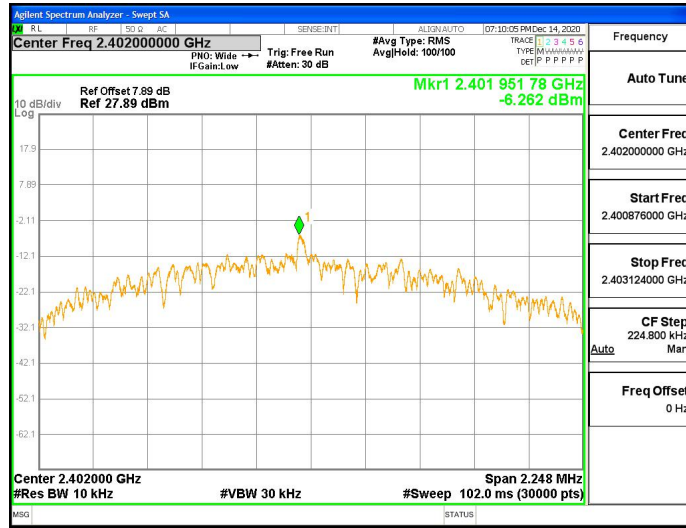
BLE\_1Mbps\_Ant1\_2442



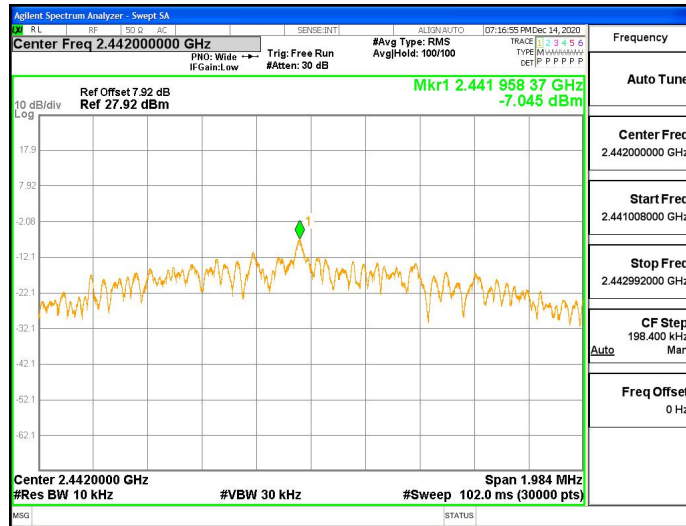
BLE\_1Mbps\_Ant1\_2480



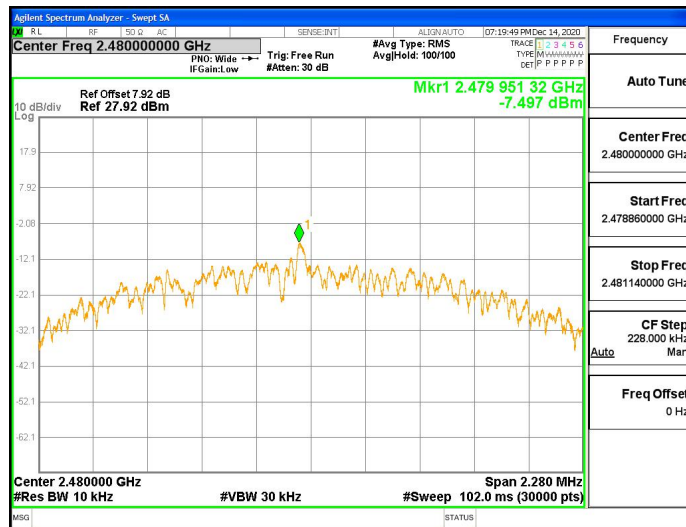
### BLE\_2Mbps\_Ant1\_2402



### BLE\_2Mbps\_Ant1\_2442



### BLE\_2Mbps\_Ant1\_2480



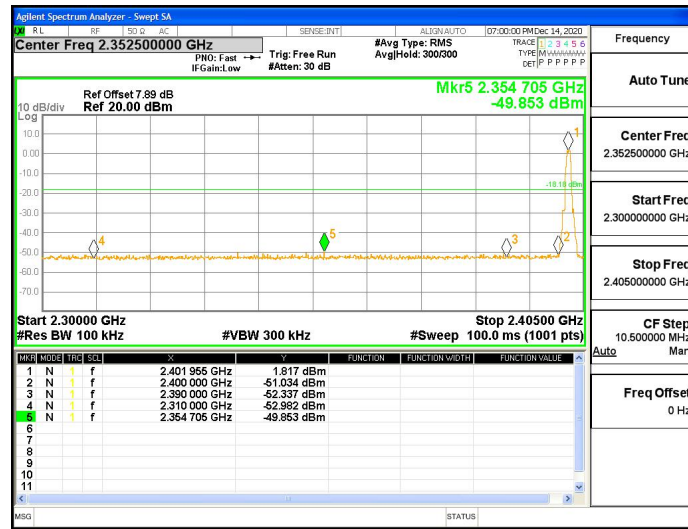
## Appendix E: Band edge measurements

### Test Result

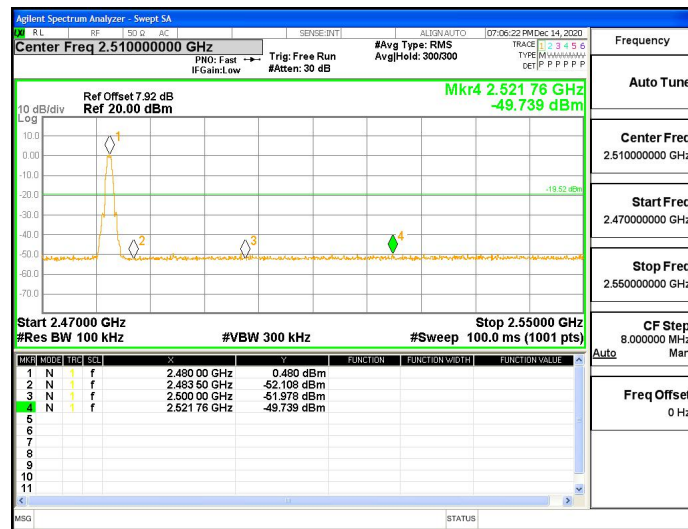
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1Mbps	Ant1	Low	2402	1.82	-49.85	<=-18.18	PASS
		High	2480	0.48	-49.74	<=-19.52	PASS
BLE_2Mbps	Ant1	Low	2402	1.89	-50.51	<=-18.11	PASS
		High	2480	0.59	-49.42	<=-19.41	PASS

# Test Graphs

## BLE\_1Mbps\_Ant1\_Low\_2402

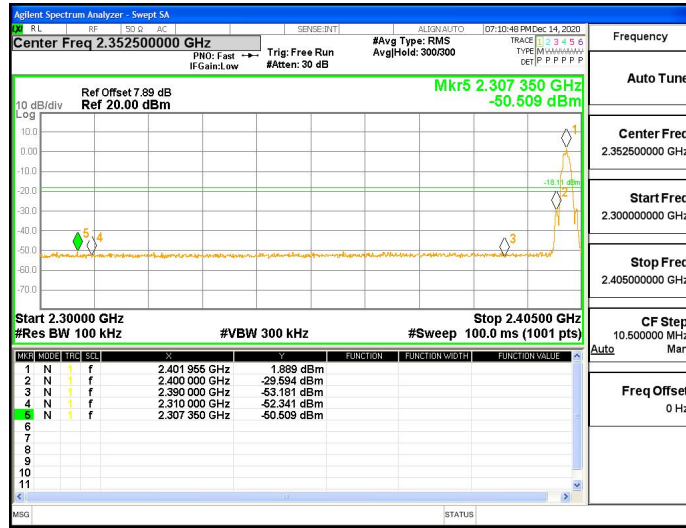


## BLE\_1Mbps\_Ant1\_High\_2480

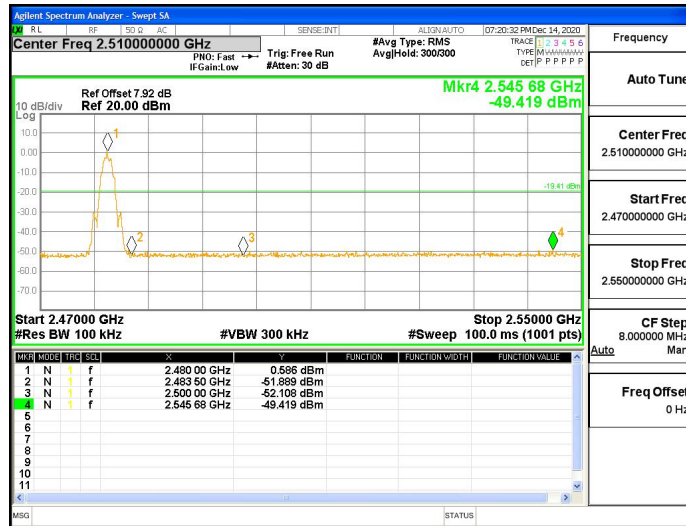




### BLE\_2Mbps\_Ant1\_Low\_2402



### BLE\_2Mbps\_Ant1\_High\_2480



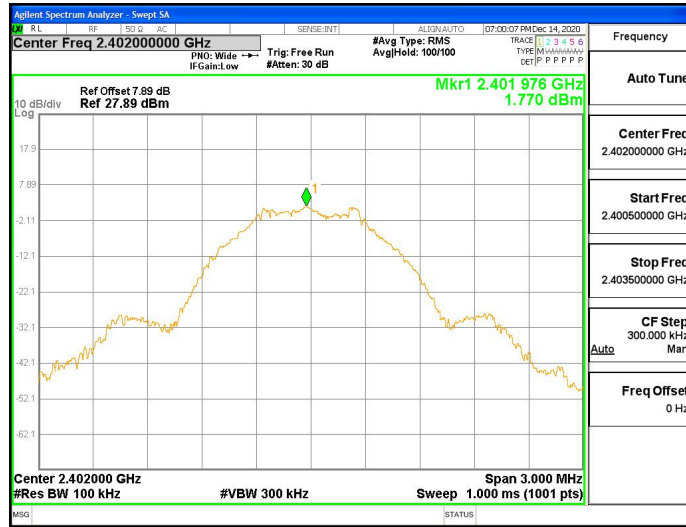
## Appendix F: Conducted Spurious Emission

### Test Result

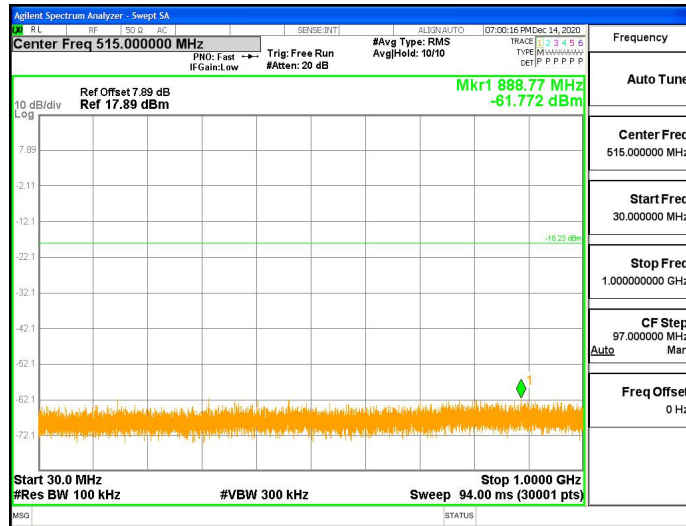
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1Mbps	Ant1	2402	Reference	1.77	1.77	---	PASS
			30~1000	30~1000	-61.772	<=-18.23	PASS
			1000~26500	1000~26500	-35.707	<=-18.23	PASS
		2442	Reference	0.60	0.60	---	PASS
			30~1000	30~1000	-61.476	<=-19.401	PASS
			1000~26500	1000~26500	-37.273	<=-19.401	PASS
		2480	Reference	0.39	0.39	---	PASS
			30~1000	30~1000	-61.667	<=-19.609	PASS
			1000~26500	1000~26500	-35.071	<=-19.609	PASS
BLE_2Mbps	Ant1	2402	Reference	1.87	1.87	---	PASS
			30~1000	30~1000	-60.977	<=-18.134	PASS
			1000~26500	1000~26500	-35.875	<=-18.134	PASS
		2442	Reference	0.83	0.83	---	PASS
			30~1000	30~1000	-61.262	<=-19.166	PASS
			1000~26500	1000~26500	-36.86	<=-19.166	PASS
		2480	Reference	0.08	0.08	---	PASS
			30~1000	30~1000	-60.758	<=-19.922	PASS
			1000~26500	1000~26500	-38.582	<=-19.922	PASS

# Test Graphs

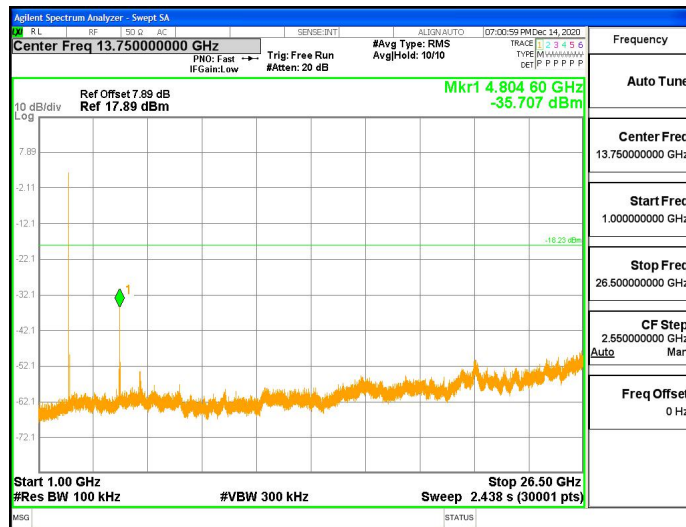
BLE\_1Mbps\_Ant1\_2402\_0~Reference



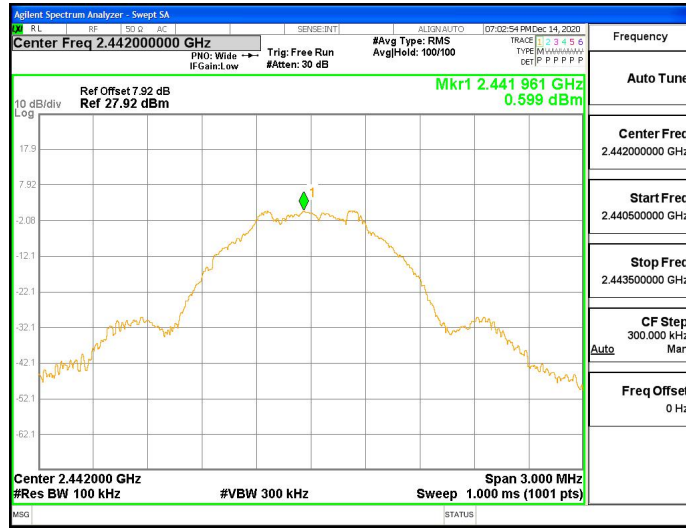
BLE\_1Mbps\_Ant1\_2402\_30~1000



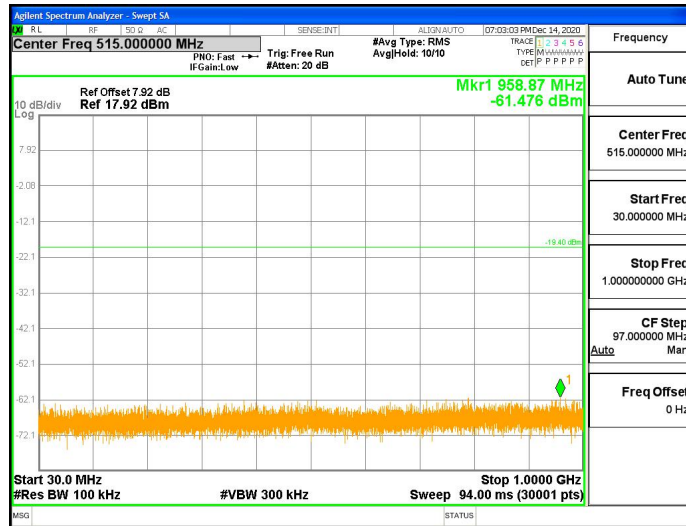
BLE\_1Mbps\_Ant1\_2402\_1000~26500



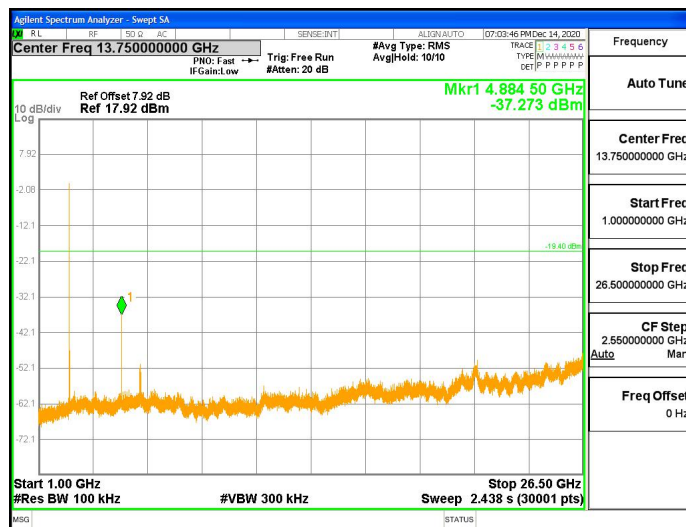
BLE\_1Mbps\_Ant1\_2442\_0~Reference



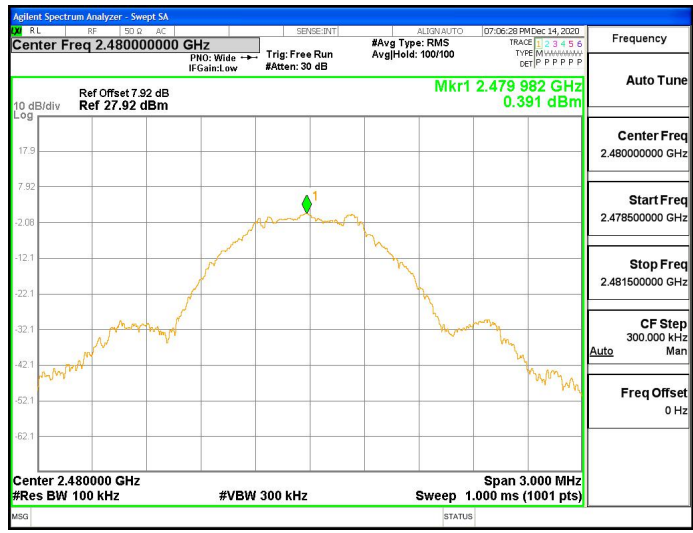
BLE\_1Mbps\_Ant1\_2442\_30~1000



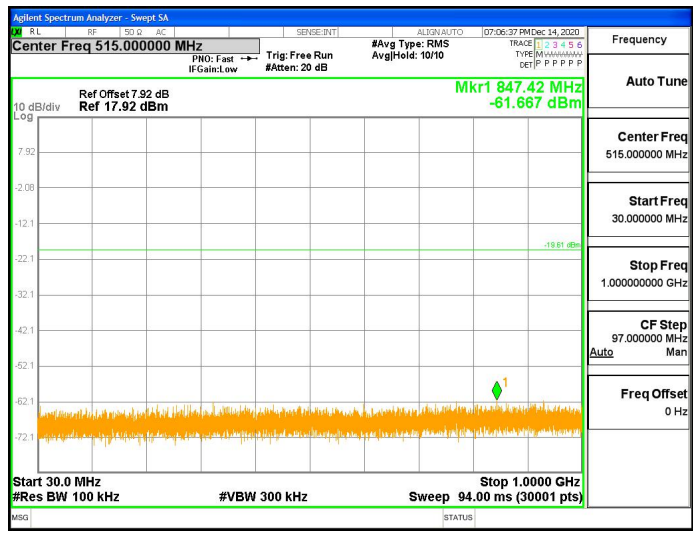
BLE\_1Mbps\_Ant1\_2442\_1000~26500



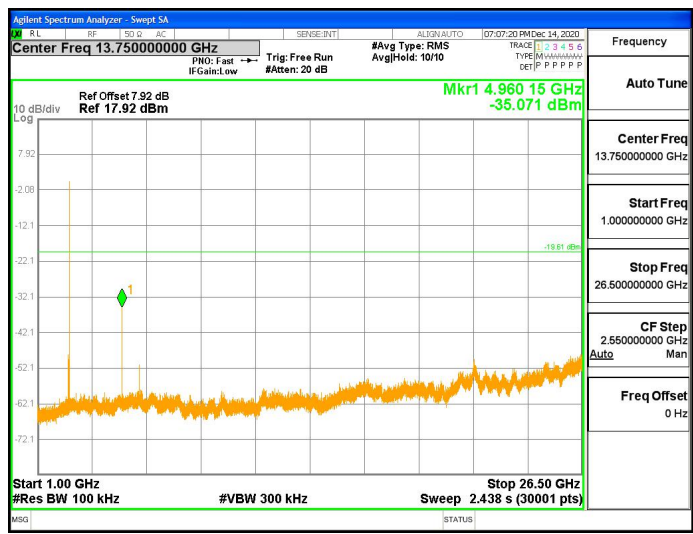
BLE\_1Mbps\_Ant1\_2480\_0~Reference



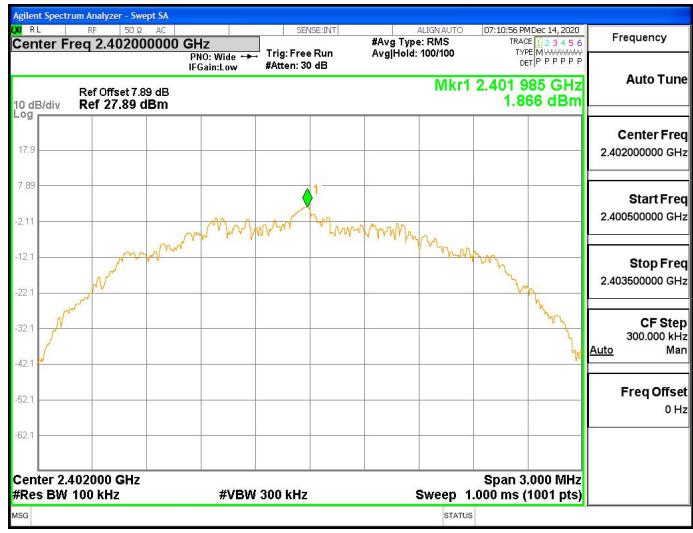
BLE\_1Mbps\_Ant1\_2480\_30~1000



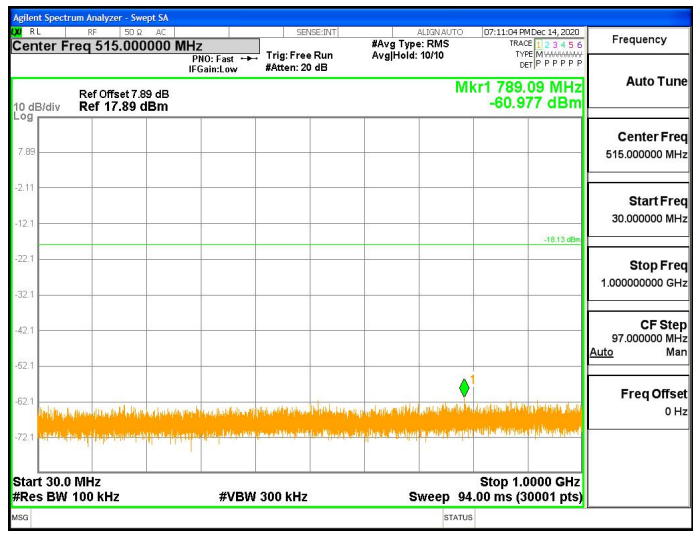
BLE\_1Mbps\_Ant1\_2480\_1000~26500



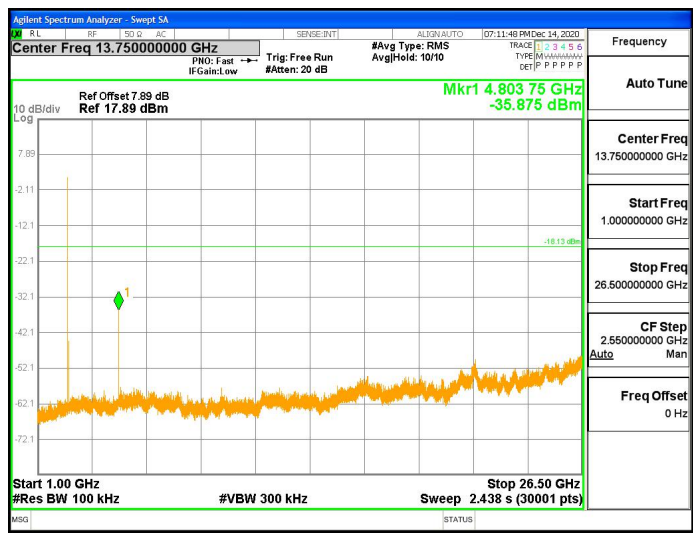
BLE\_2Mbps\_Ant1\_2402\_0~Reference



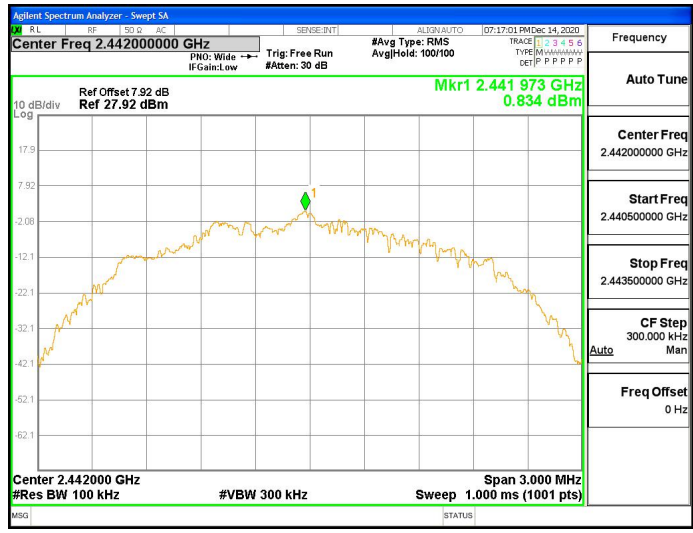
BLE\_2Mbps\_Ant1\_2402\_30~1000



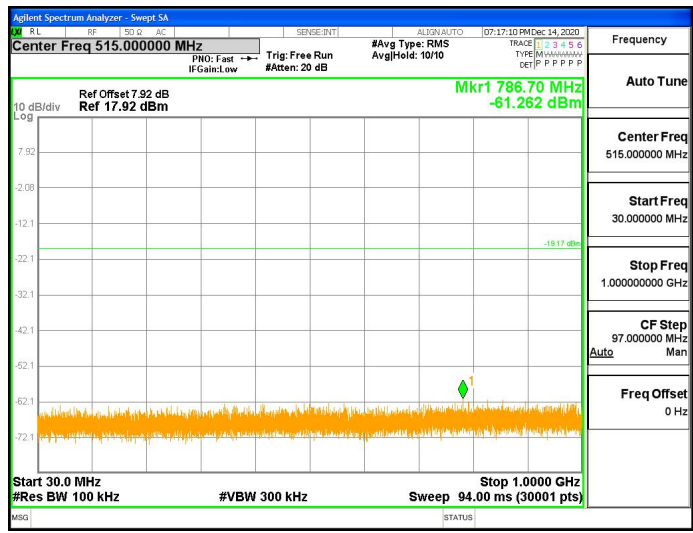
BLE\_2Mbps\_Ant1\_2402\_1000~26500



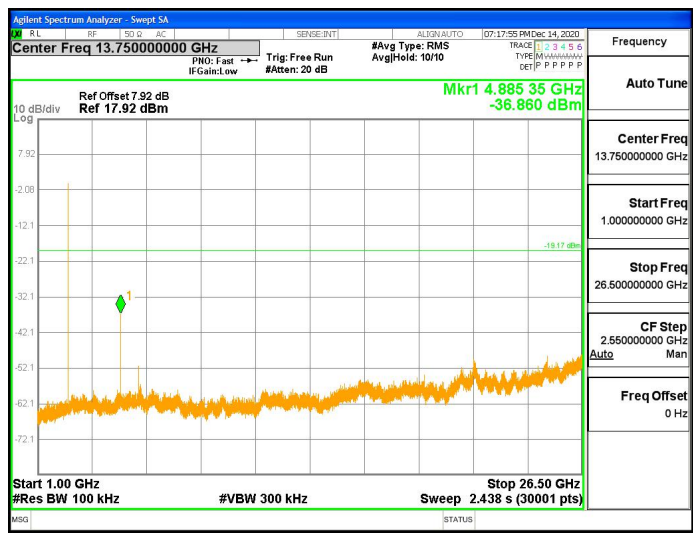
BLE\_2Mbps\_Ant1\_2442\_0~Reference



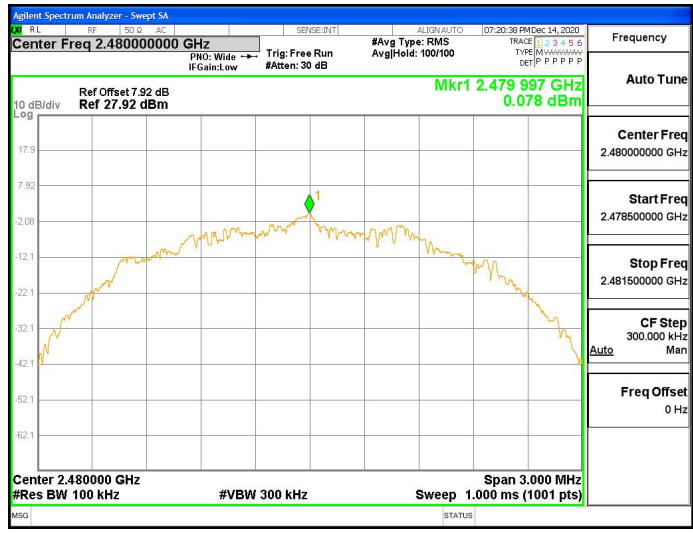
BLE\_2Mbps\_Ant1\_2442\_30~1000



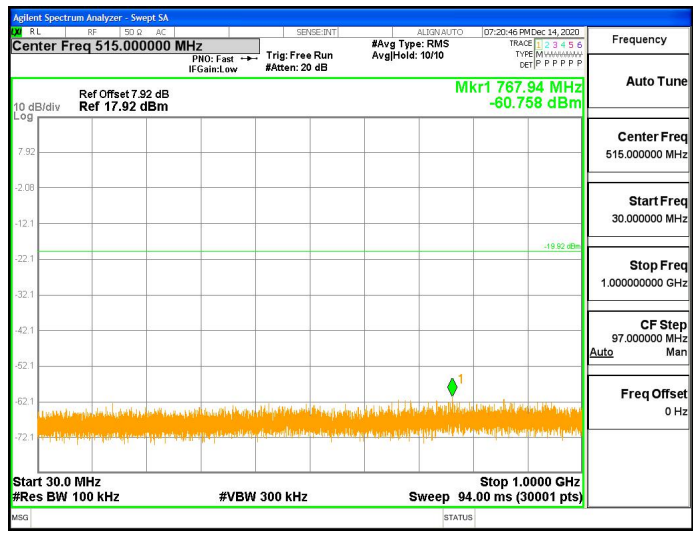
BLE\_2Mbps\_Ant1\_2442\_1000~26500



BLE\_2Mbps\_Ant1\_2480\_0~Reference



BLE\_2Mbps\_Ant1\_2480\_30~1000



BLE\_2Mbps\_Ant1\_2480\_1000~26500

