

## Appendix A

### RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Wireless Earphone

Trade Mark: TECNO

Test Model: A2 se

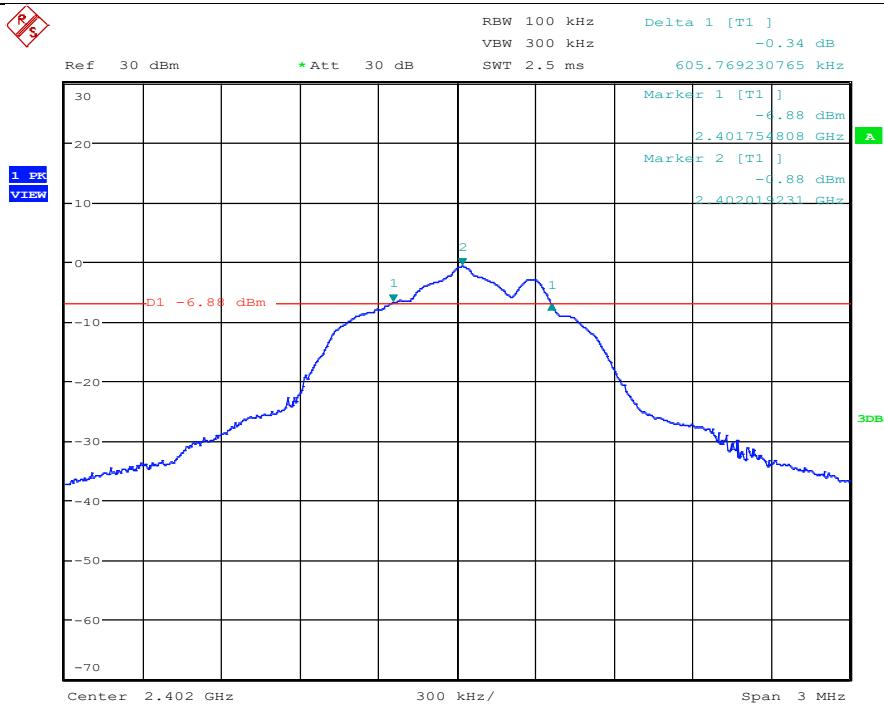
FCC ID: 2ADYY-A2SE

### Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Nancy Li
Supervised by:	Hugo Chen

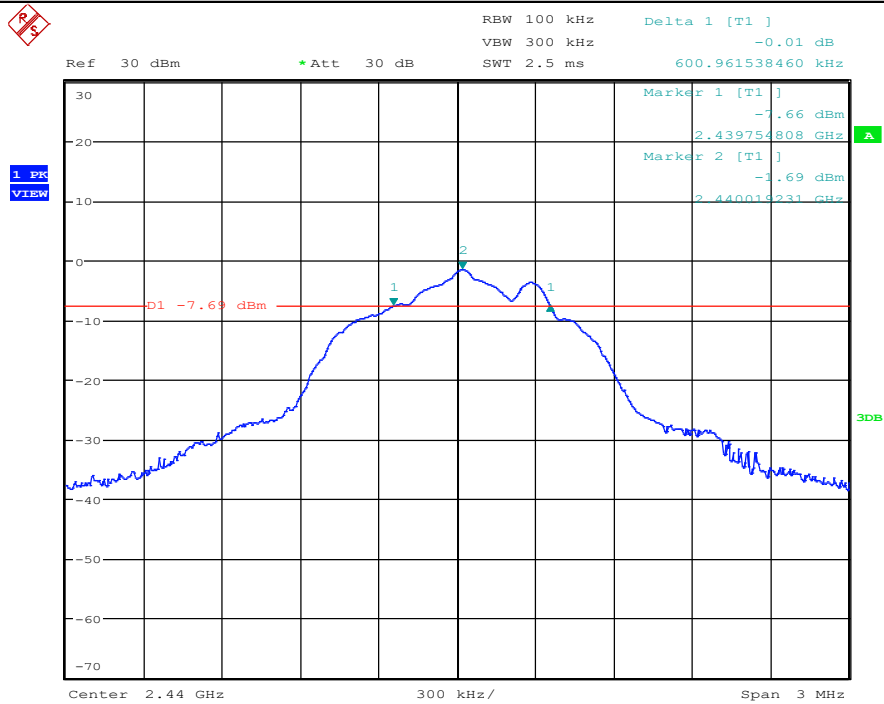
#### A.1. 6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
BLE(1Mbps)	2402	Ant1	0.606	0.5	PASS
BLE(1Mbps)	2440	Ant1	0.601	0.5	PASS
BLE(1Mbps)	2480	Ant1	0.596	0.5	PASS



Date: 29.SEP.2020 18:51:05

BLE\_BT4.0\_Ant1\_2402



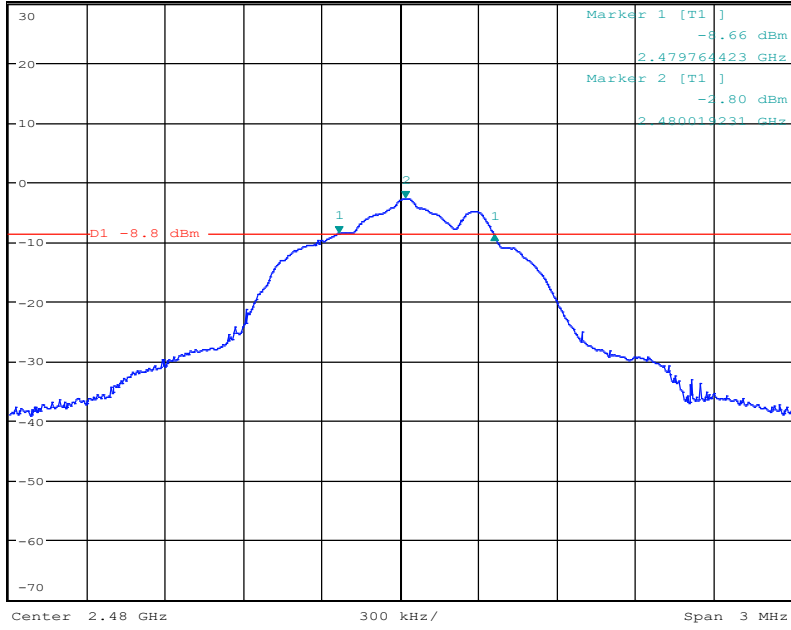
Date: 29.SEP.2020 18:55:55

BLE\_BT4.0\_Ant1\_2440



RBW 100 kHz Delta 1 [T1 ]  
VBW 300 kHz -0.34 dB  
SWT 2.5 ms 596.153846155 kHz  
Ref 30 dBm \* Att 30 dB

1 PR  
VIEW



Date: 29.SEP.2020 18:57:50

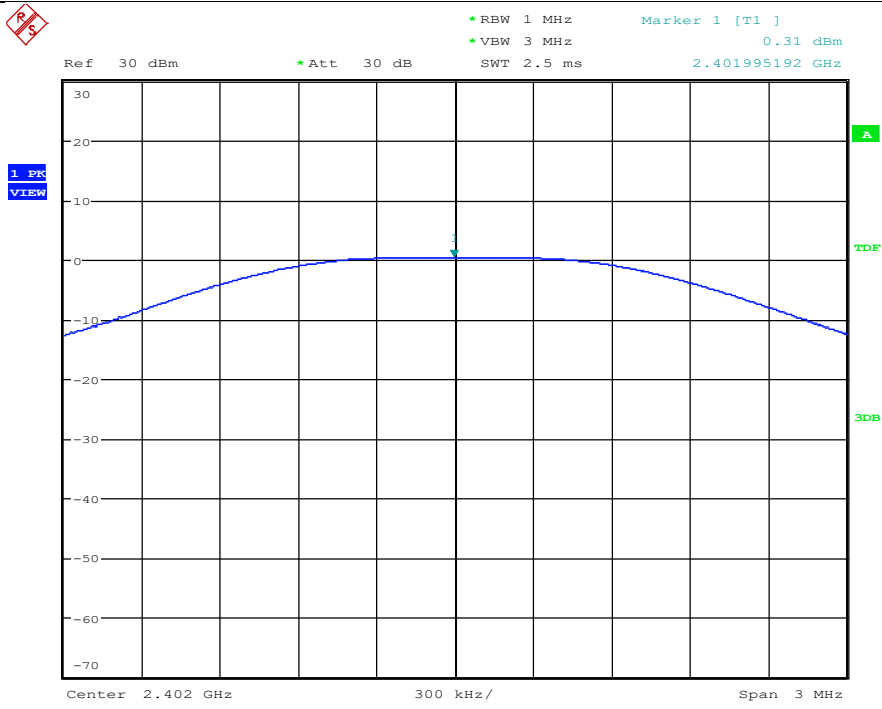
BLE\_BT4.0\_Ant1\_2480

**A.2. Occupied Bandwidth**

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
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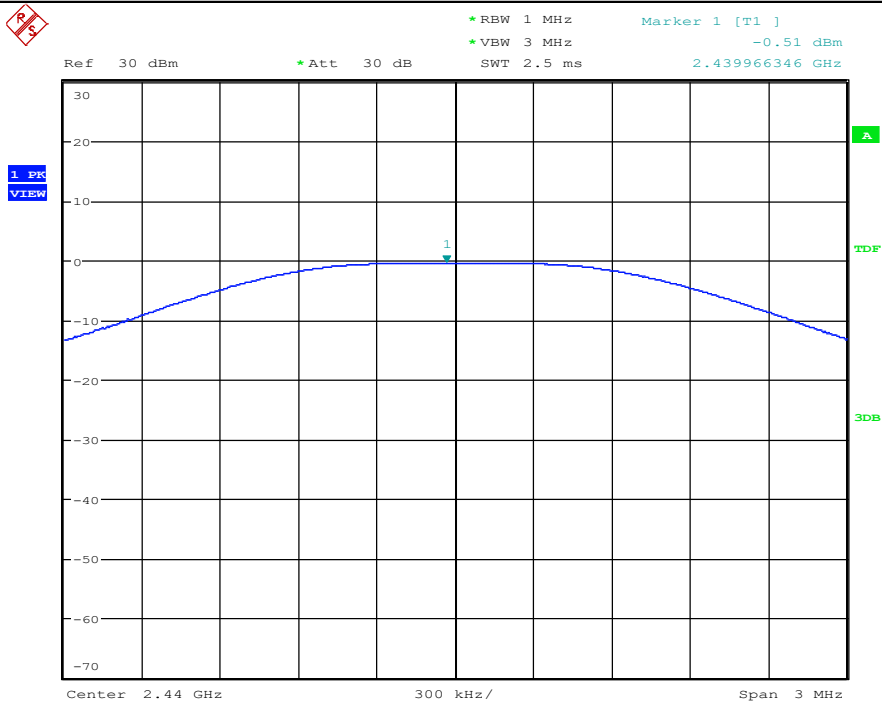
**A.3. Maximum peak conducted output power**

Test Mode	Test	Ant	Power[dBm]	Limit[dBm]	Verdict
BLE(1Mbps)	2402	Ant1	0.31	30	PASS
BLE(1Mbps)	2440	Ant1	-0.51	30	PASS
BLE(1Mbps)	2480	Ant1	-1.65	30	PASS



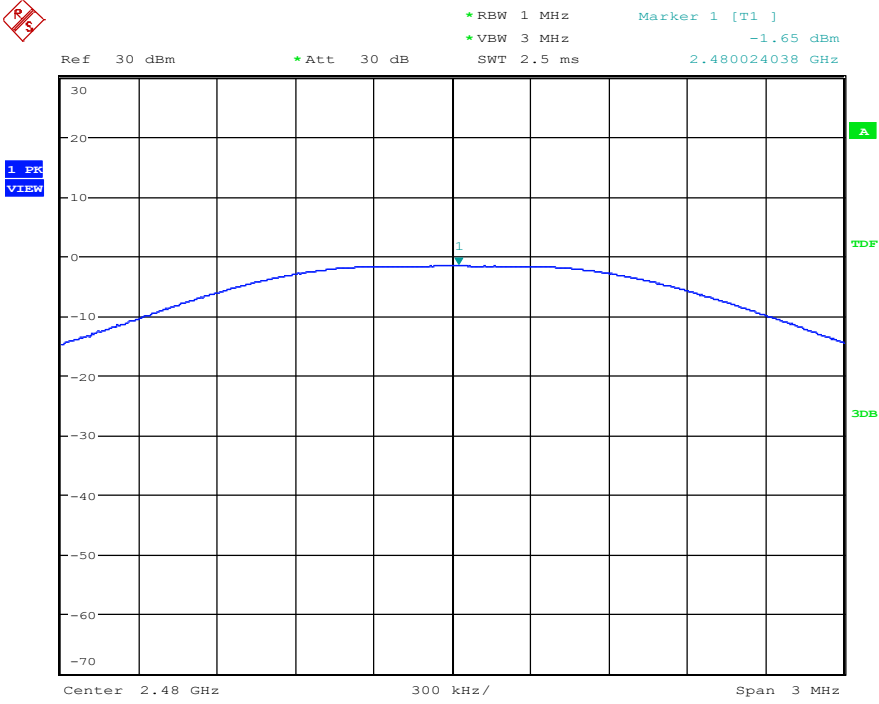
Date: 29.SEP.2020 19:02:57

BLE\_BT4.0\_Ant1\_2402



Date: 29.SEP.2020 19:01:22

BLE\_BT4.0\_Ant1\_2440

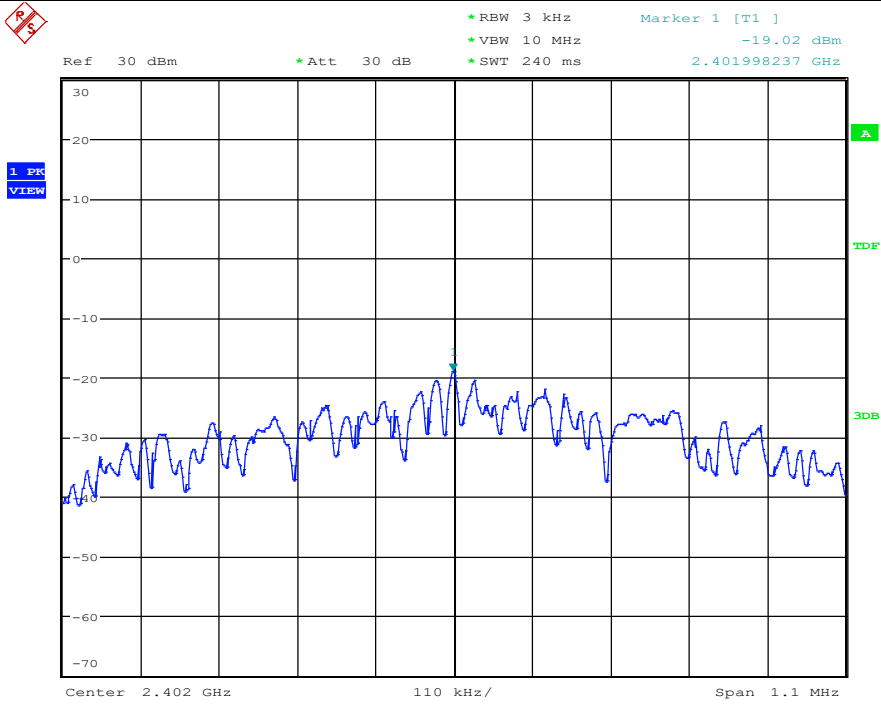


Date: 29.SEP.2020 19:00:21

BLE\_BT4.0\_Ant1\_2480

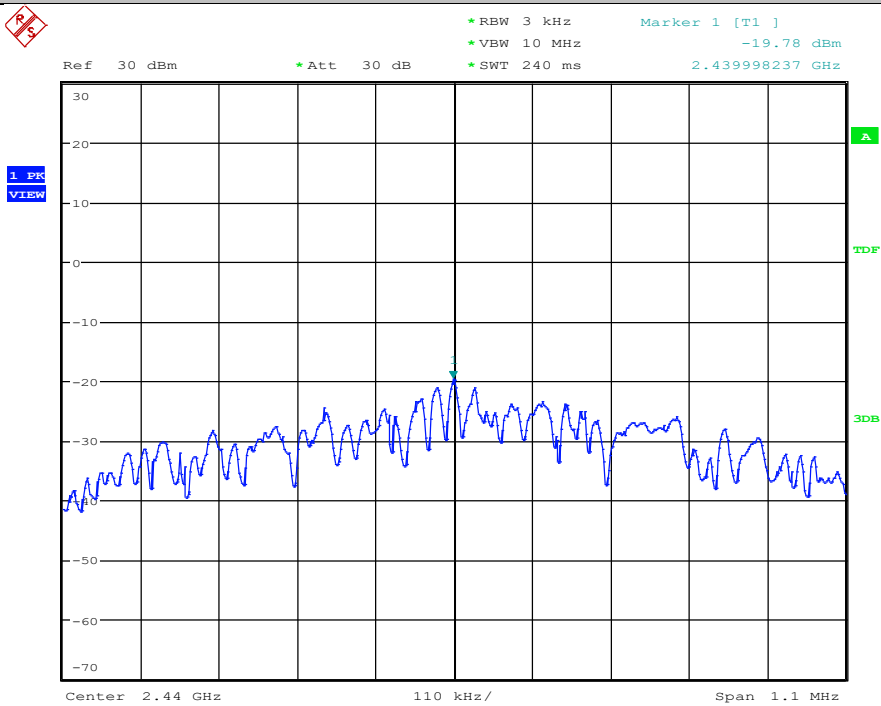
**A.4. Maximum Peak power spectral density**

Test Mode	Test	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
BLE(1Mbps)	2402	Ant1	-19.02	8.00	PASS
BLE(1Mbps)	2440	Ant1	-19.78	8.00	PASS
BLE(1Mbps)	2480	Ant1	-20.83	8.00	PASS



Date: 28.SEP.2020 20:53:52

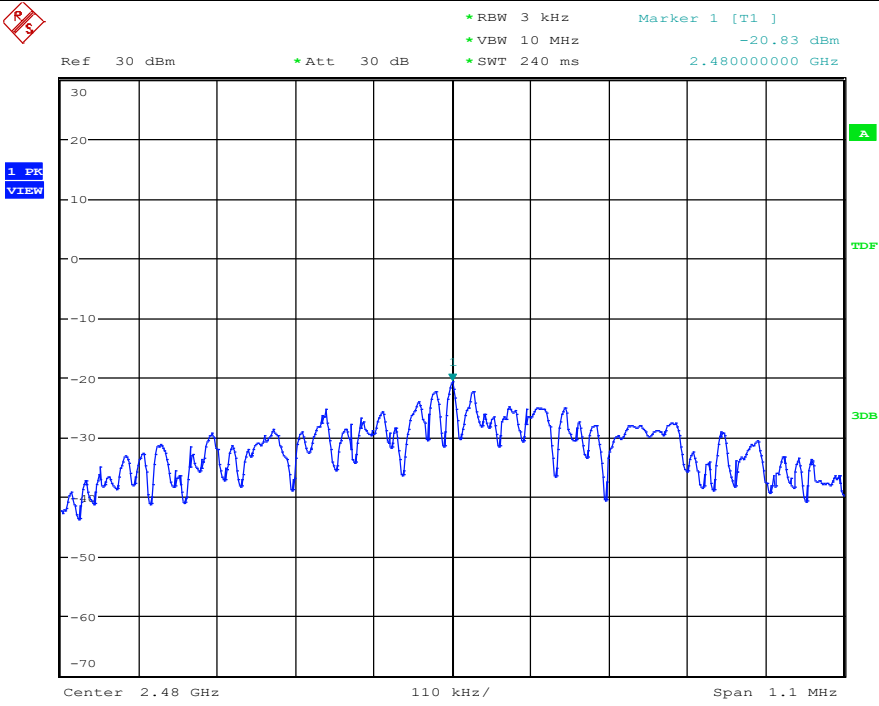
BLE\_BT4.0\_Ant1\_2402



Date: 28.SEP.2020 20:54:39

BLE\_BT4.0\_Ant1\_2440



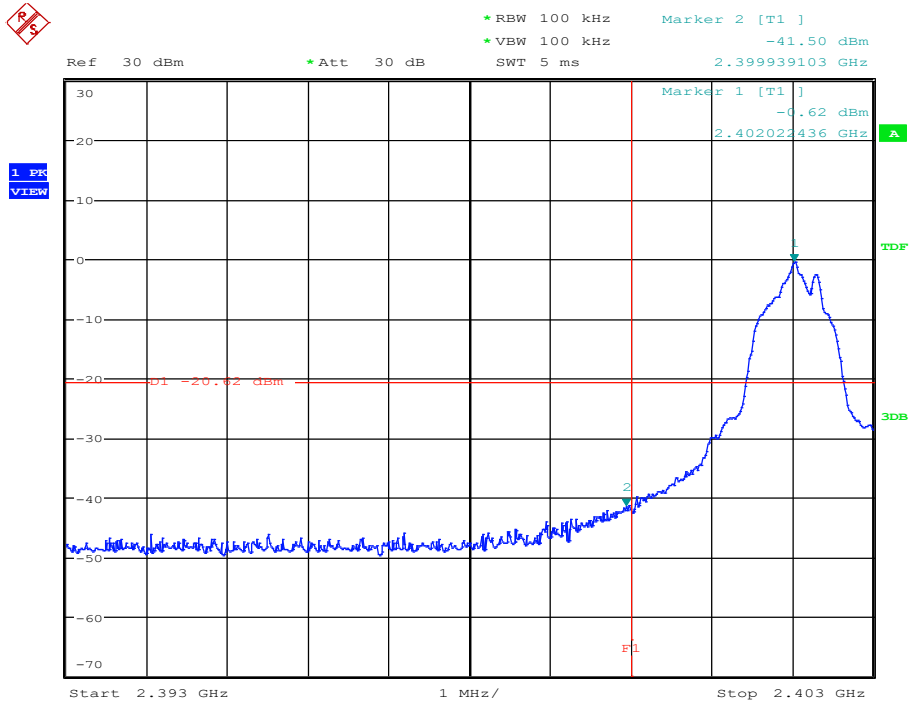


Date: 28.SEP.2020 20:55:12

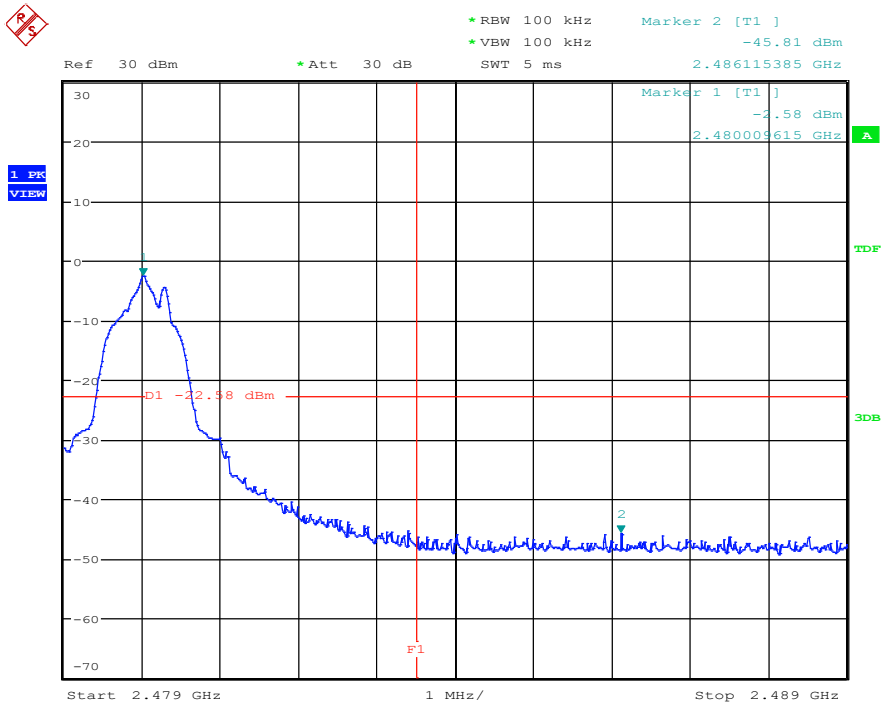
BLE\_BT4.0\_Ant1\_2480

### A.5. Conducted Spurious Emissions and Band Edges Test

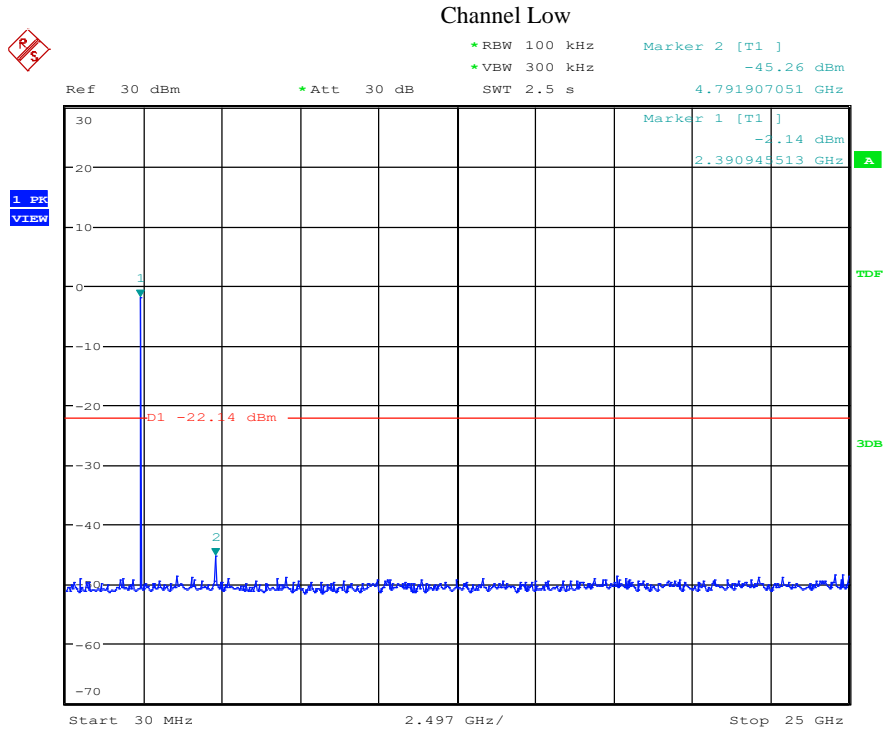
Low channel



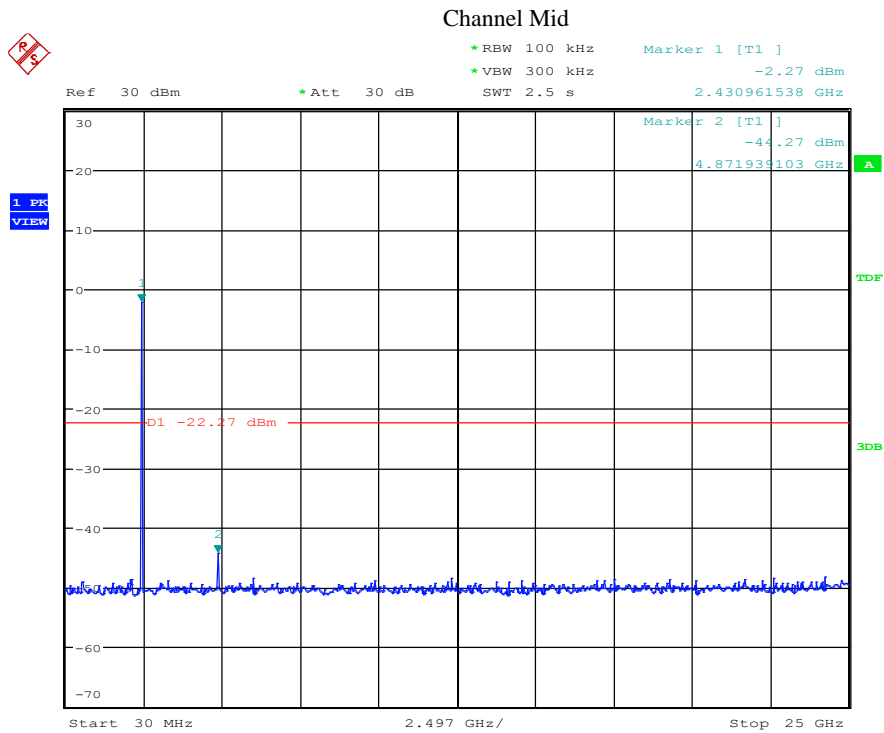
High channel



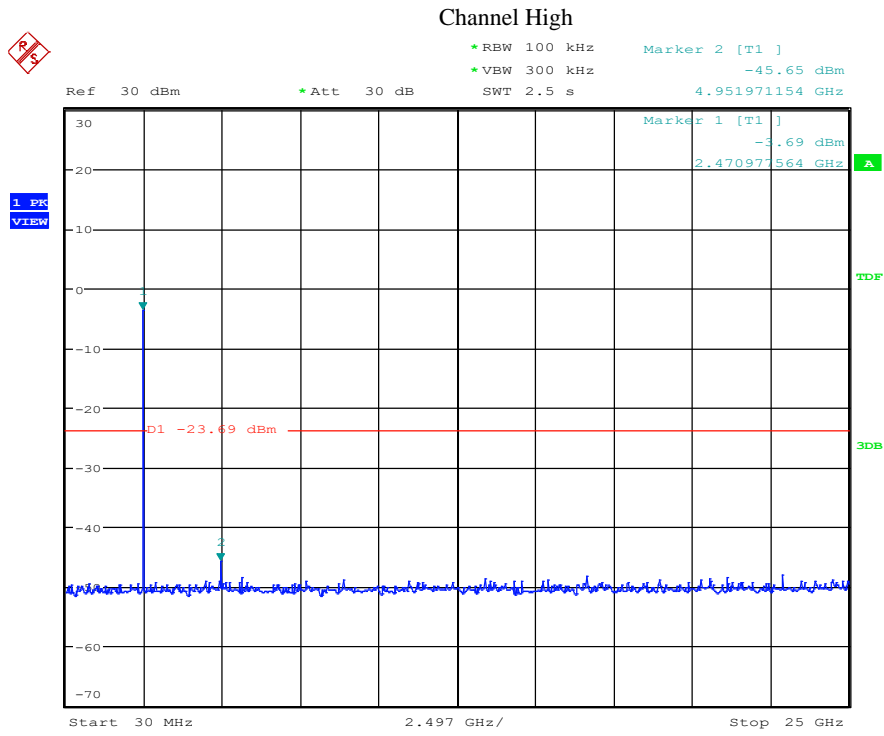
Conducted spurious emissions



Date: 12.OCT.2020 11:33:52



Date: 12.OCT.2020 11:36:00



Date: 12.OCT.2020 11:37:31

### A.6. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BLE(1Mbps)	2440	Ant1	35.65	PASS

