

APPENDIX REPORT

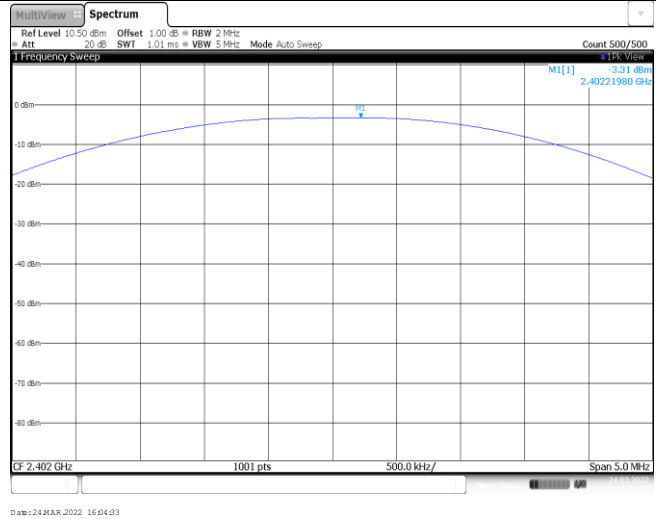
Project No.	SHT2202043705EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT22020437017	Model No.	L651
Start test date	2022-03-24	Finish date	2022-03-25
Temperature	25.7℃	Humidity	43%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zheo

Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

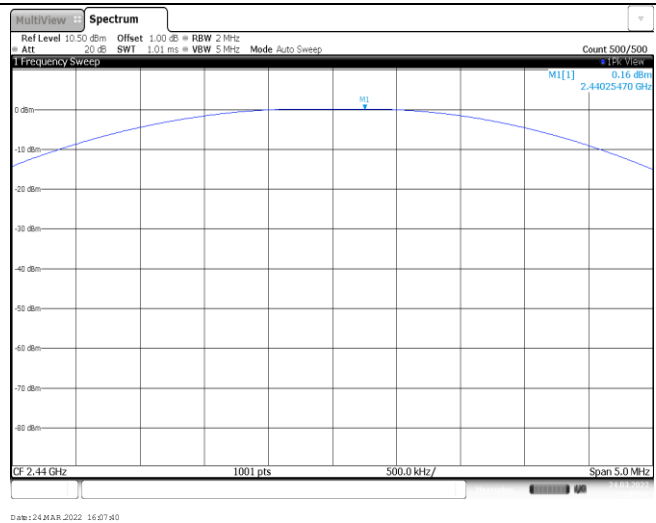
Appendix A: Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
BT-BLE	00	-3.31	-3.38	≤ 30.00	Pass
	19	0.16	0.08		
	39	-0.70	-0.76		

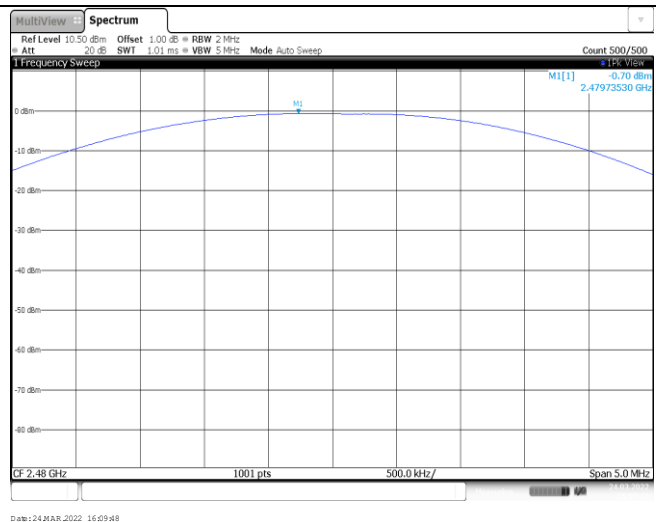
CH00



CH19



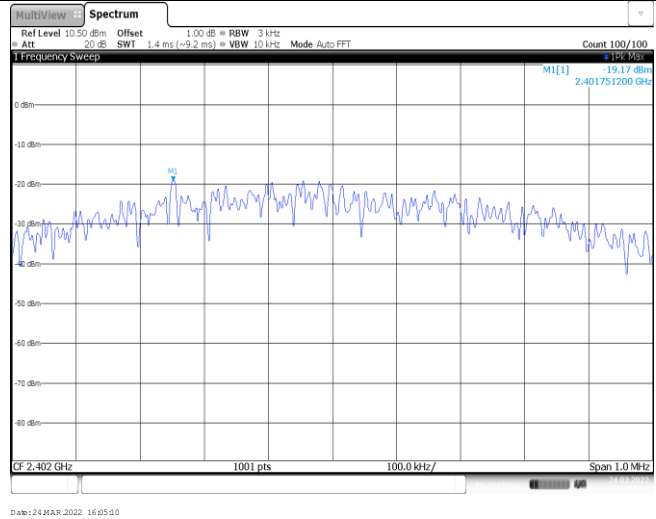
CH39



Appendix B: Power Spectral Density

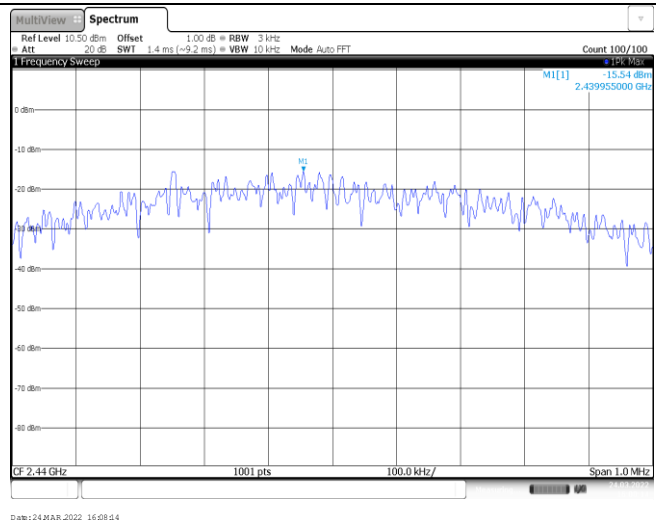
Type	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
BT-BLE	00	-19.17	≤8.00	Pass
	19	-15.54		
	39	-16.49		

CH00



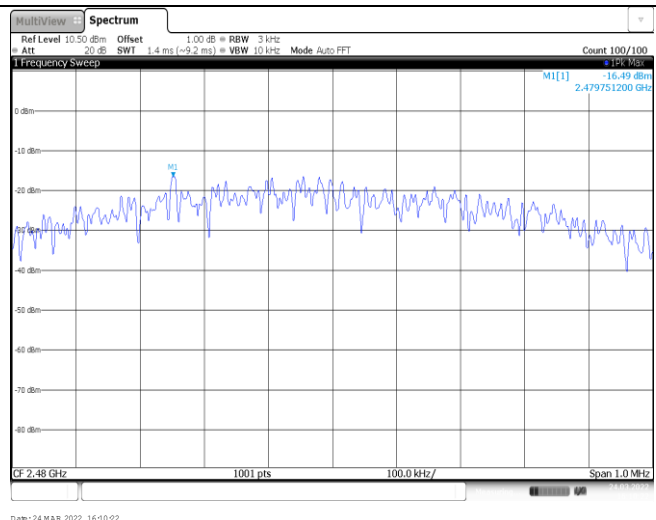
Date: 24 MAR 2022 16:05:40

CH19



Date: 24 MAR 2022 16:08:44

CH39

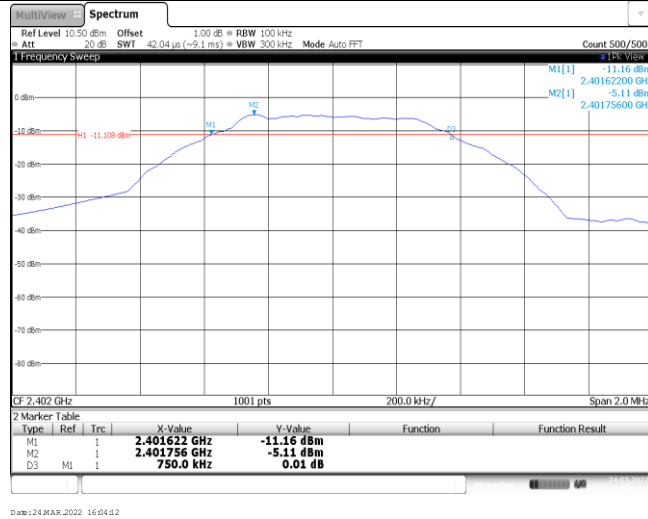


Date: 24 MAR 2022 16:10:22

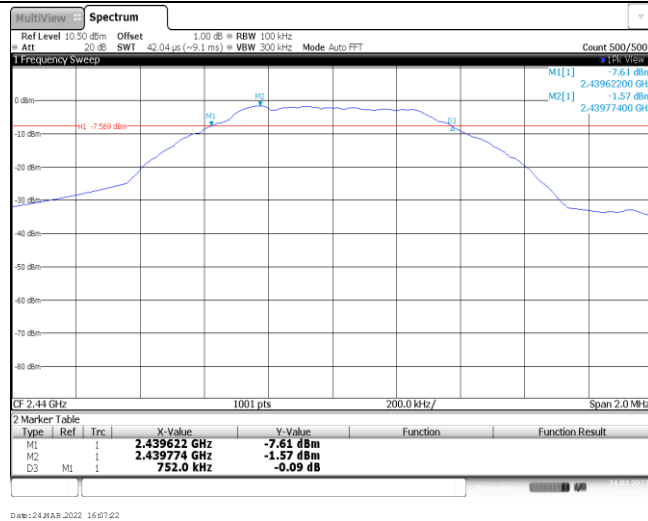
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
BT-BLE	00	750.00	≥500	Pass
	19	752.00		
	39	754.00		

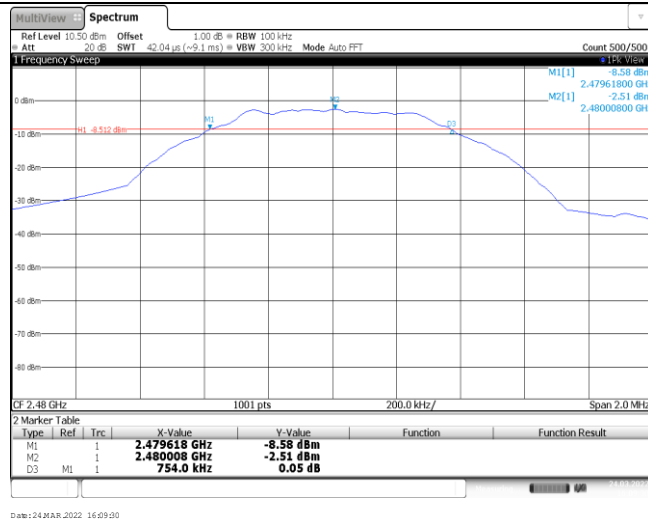
CH00



CH19



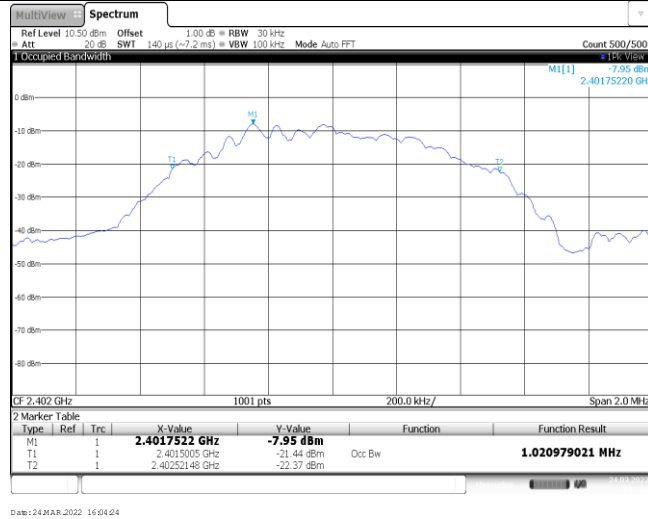
CH39



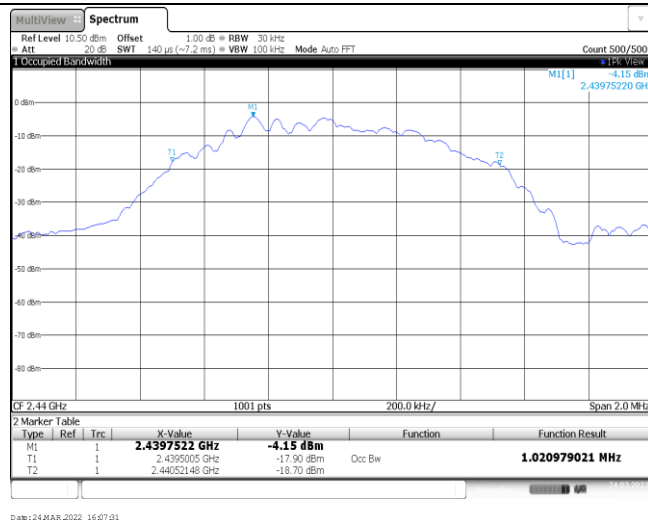
Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
BT-BLE	00	1.02	-	Pass
	19	1.02		
	39	1.02		

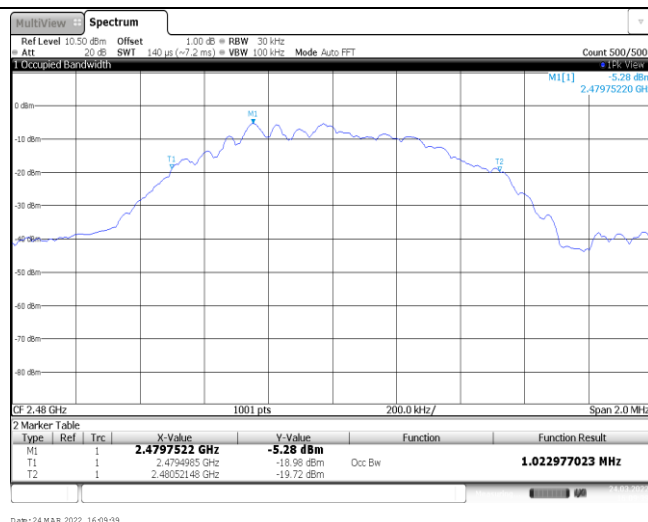
CH00



CH19

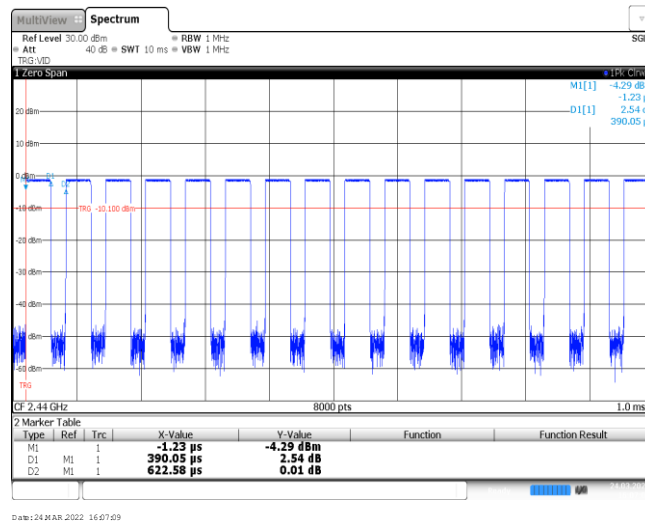


CH39

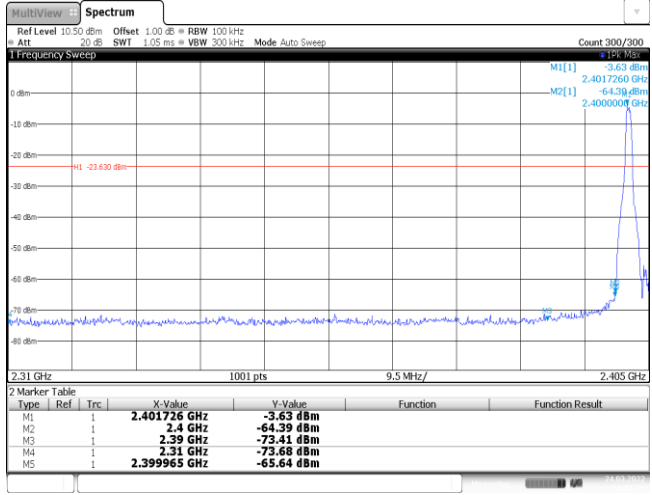
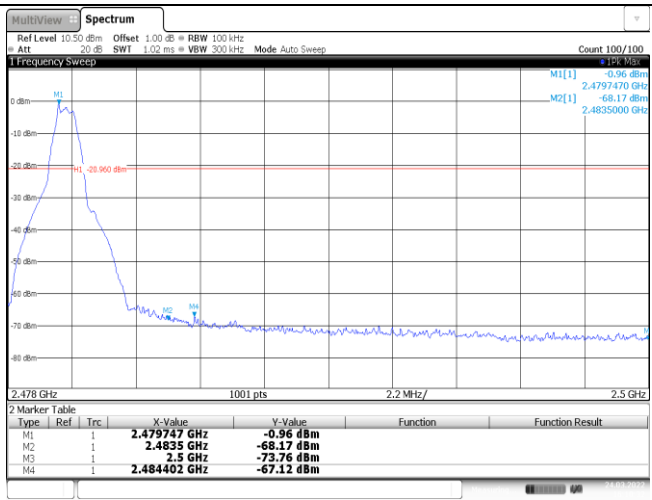


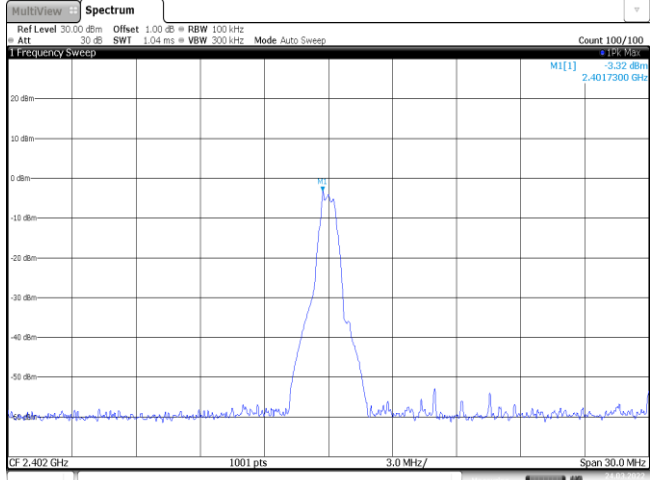
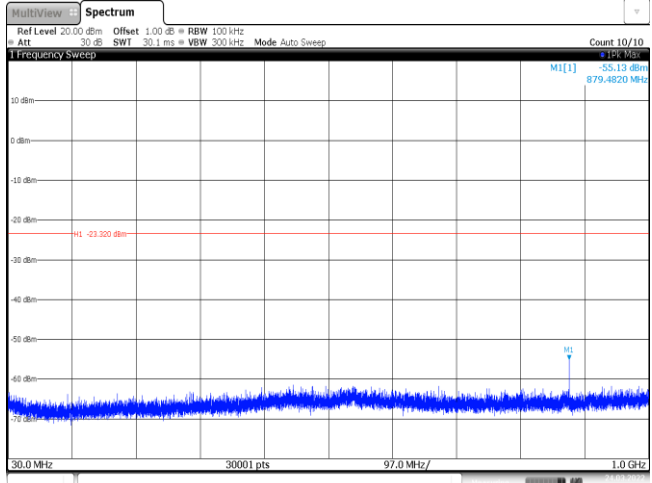
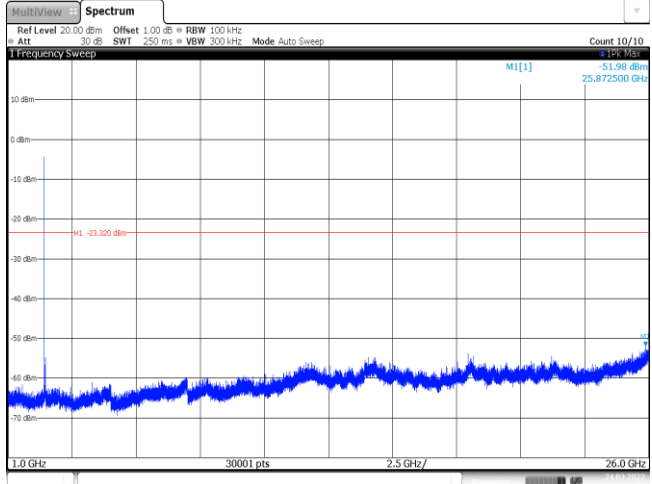
Appendix E: Duty cycle

Test Frequency (MHz)	T _{on} time for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on} time (kHz)
2440	0.39	0.62	62.9%	2.56

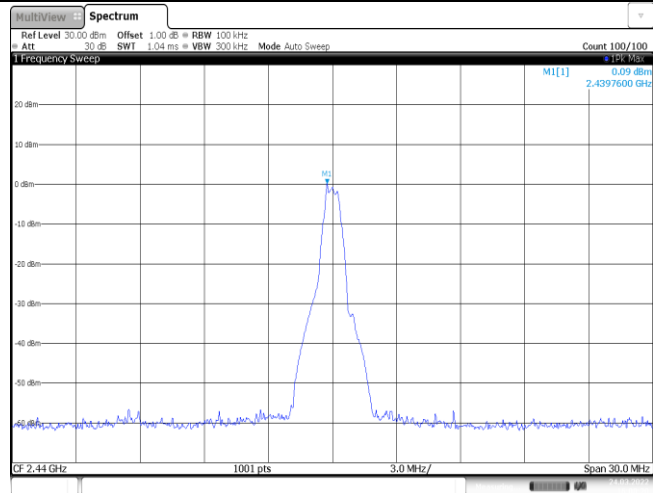


Appendix F: Band edge and Spurious Emissions (conducted)

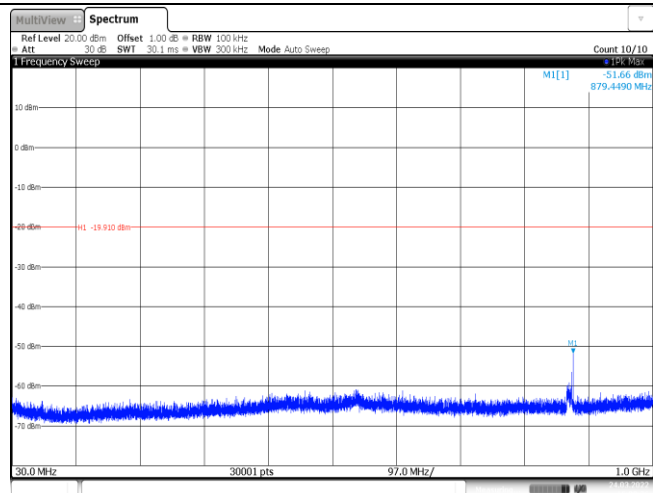
Test Item:	Band edge
<p style="text-align: center;">CH00</p>	 <p style="text-align: right;">Date: 24 MAR 2022 16:05:21</p>
<p style="text-align: center;">CH39</p>	 <p style="text-align: right;">Date: 24 MAR 2022 16:10:32</p>

Test Item:	SE
CH00 Reference level	 <p>Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 3.32 dBm 2.4017300 GHz Date: 24 MAR 2022 16:05:29</p>
CH00 30MHz~1000MHz	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -55.13 dBm 879.4620 MHz MI -33.200 dBm Date: 24 MAR 2022 16:06:04</p>
CH00 1GHz~26GHz	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -51.98 dBm 25.872000 GHz MI -33.200 dBm Date: 24 MAR 2022 16:06:20</p>

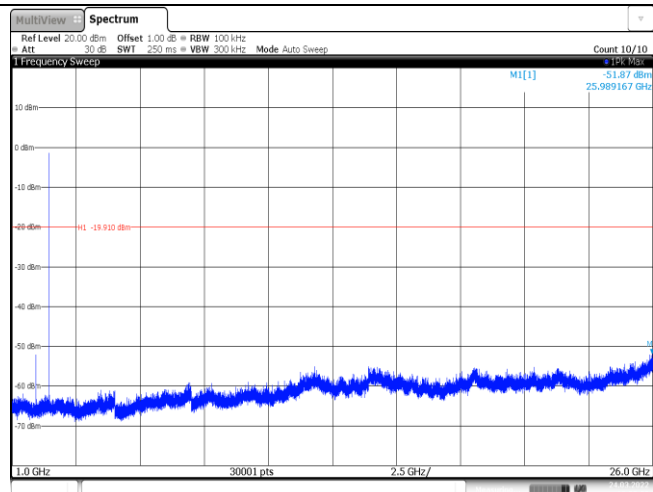
CH19
Reference level



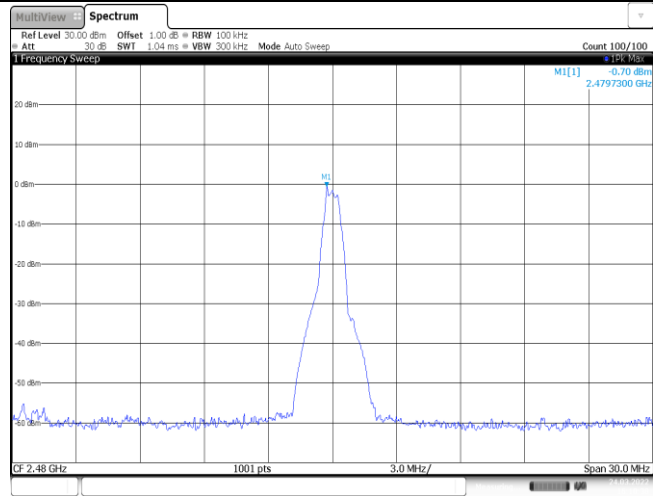
CH19
30MHz~1000MHz



CH19
1GHz~26GHz

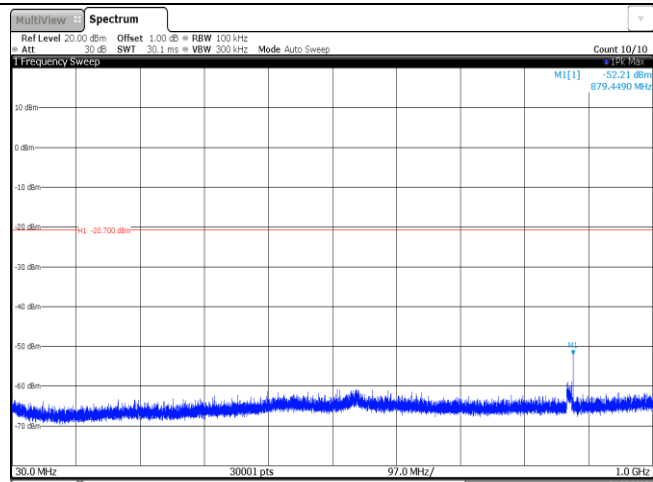


CH39
Reference level



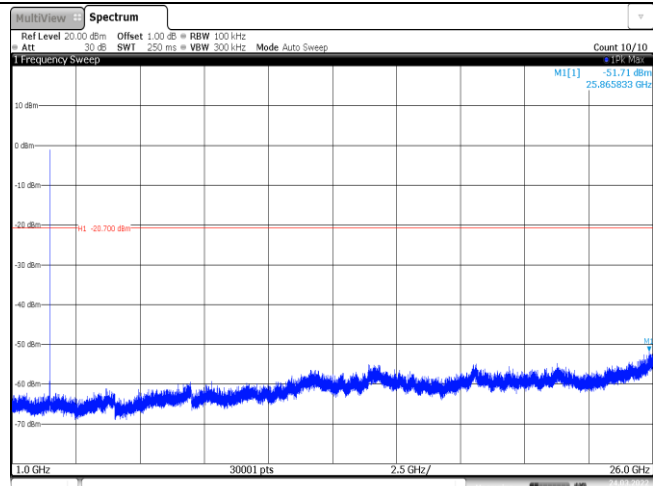
Date: 24 MAR 2022 16:10:28

CH39
30MHz~1000MHz



Date: 24 MAR 2022 16:10:55

CH39
1GHz~26GHz



Date: 24 MAR 2022 16:11:11

-----End of Report-----