

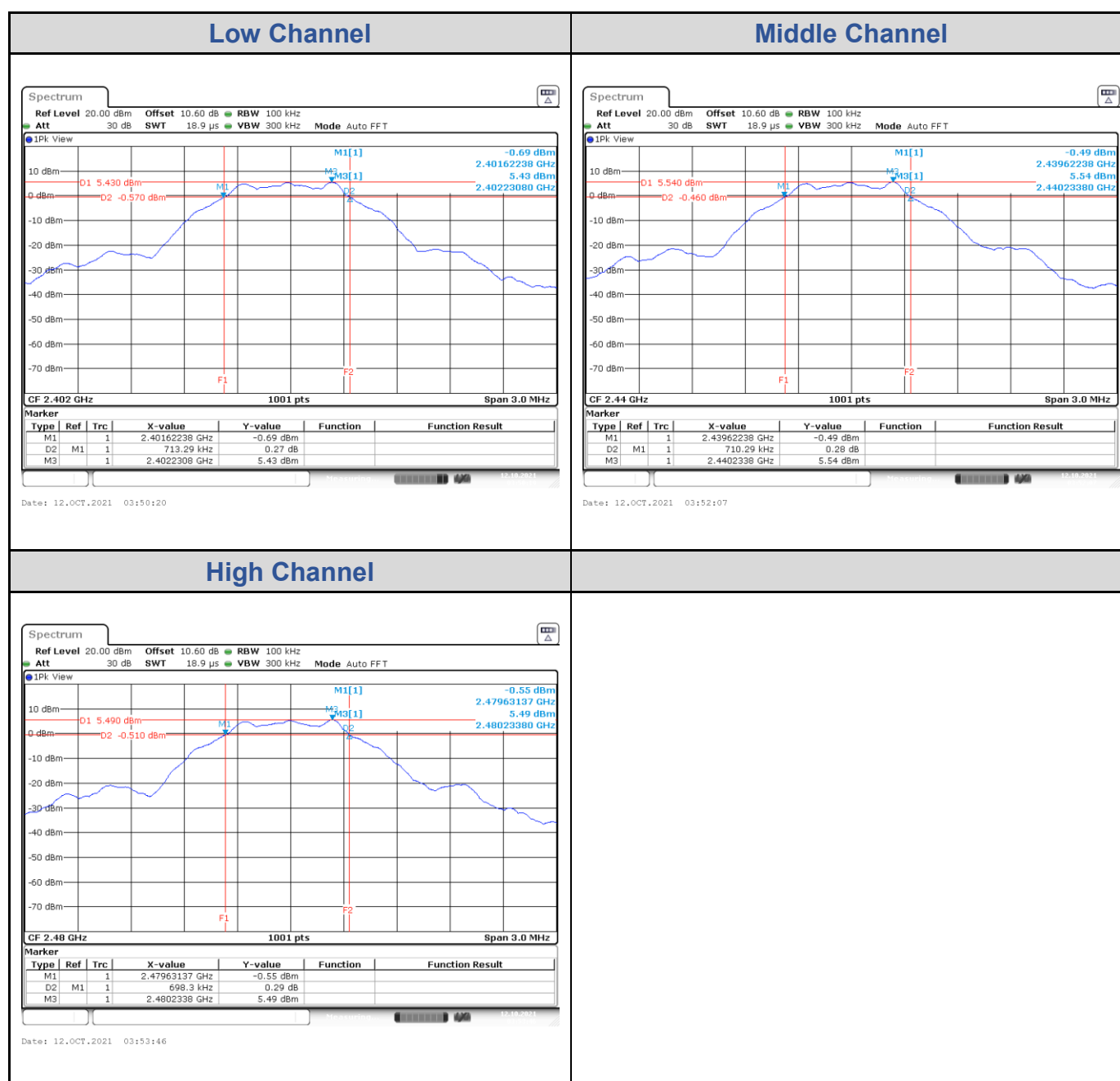
Appendix A:

Test Results of Conducted Test_LPA Mode by PCB Antenna

Test Result of 6 dB Bandwidth

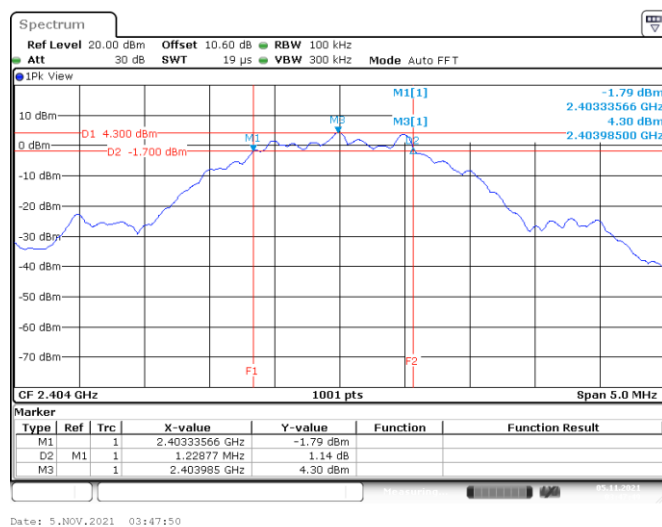
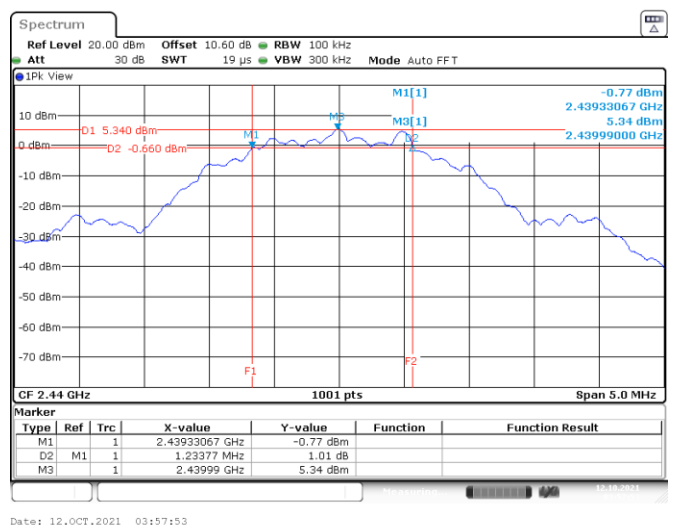
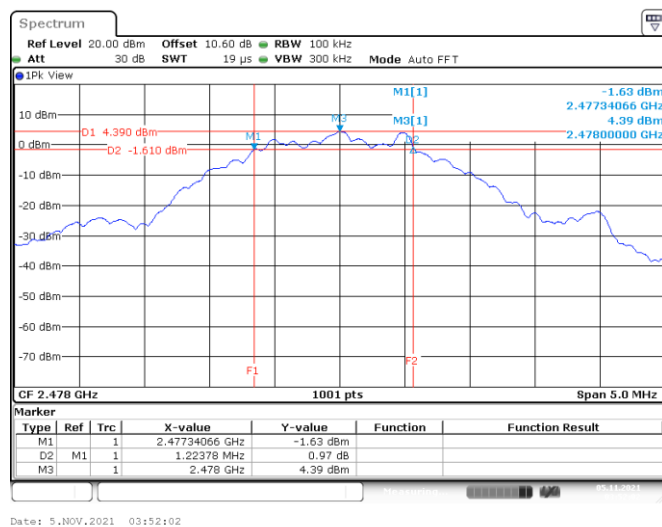
BLE_1M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	713.29	> 500	Pass
Middle Channel	2440	710.29	> 500	Pass
High Channel	2480	698.30	> 500	Pass



BLE_2M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2404	1228.77	> 500	Pass
Middle Channel	2440	1233.77	> 500	Pass
High Channel	2478	1223.78	> 500	Pass

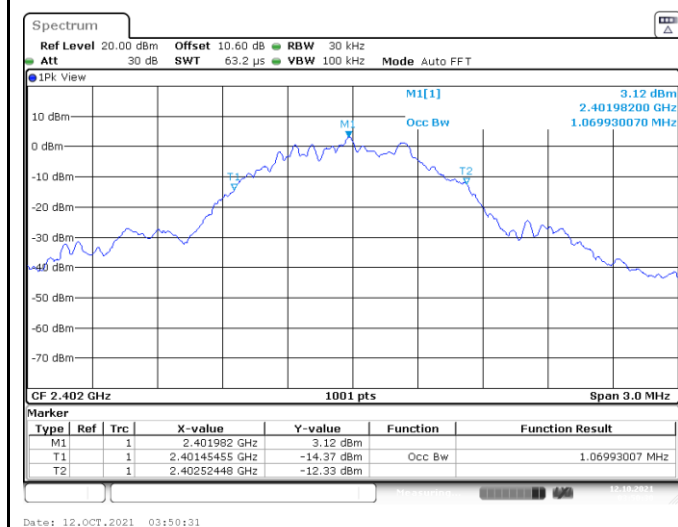
Low Channel

Middle Channel

High Channel


Test Result of 99% Occupied Bandwidth

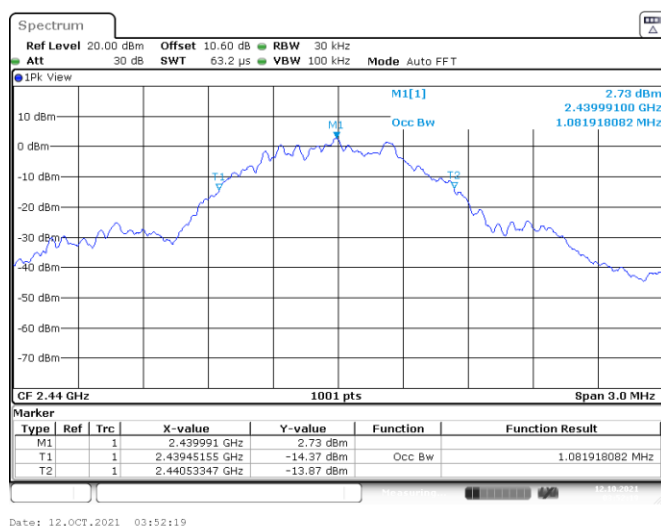
BLE_1M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.07
Middle Channel	2440	1.08
High Channel	2480	1.10

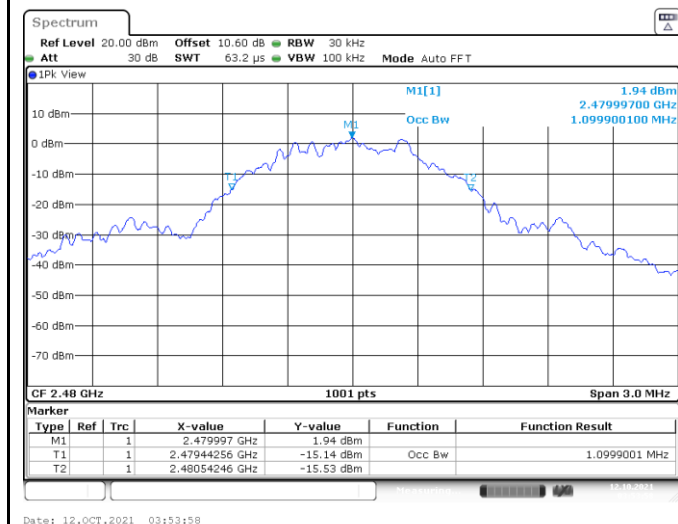
Low Channel



Middle Channel

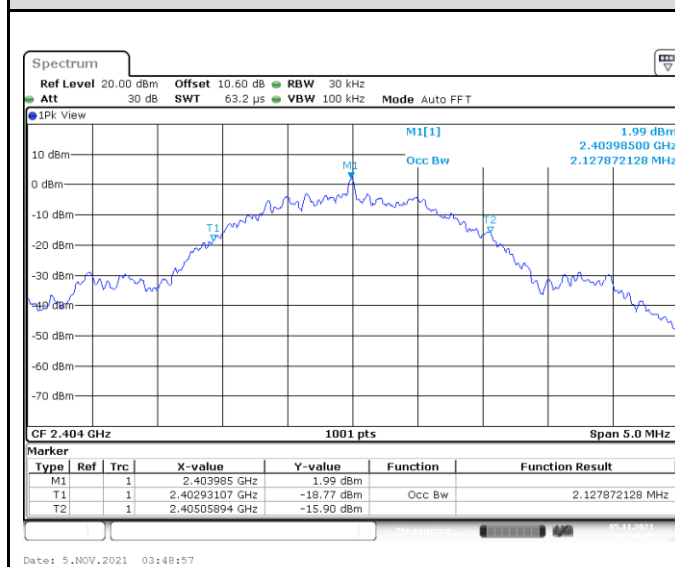
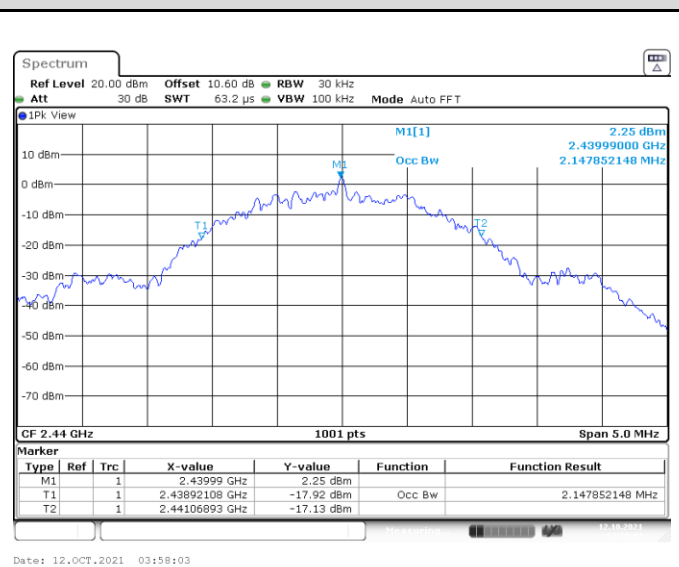
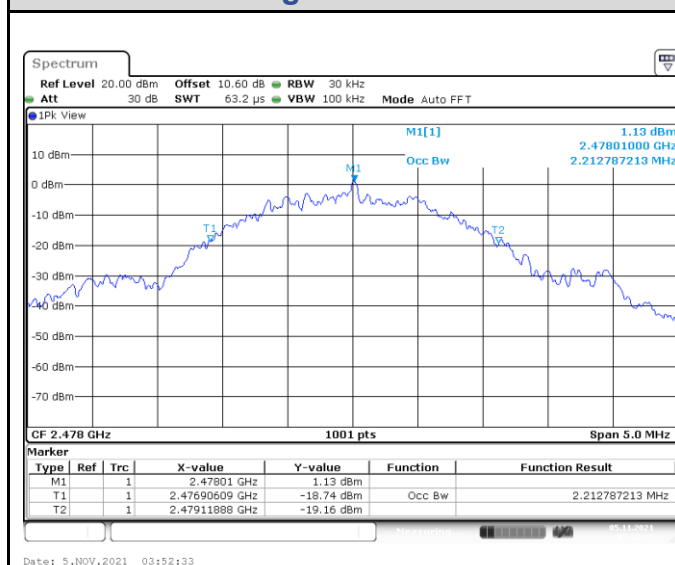


High Channel



BLE_2M

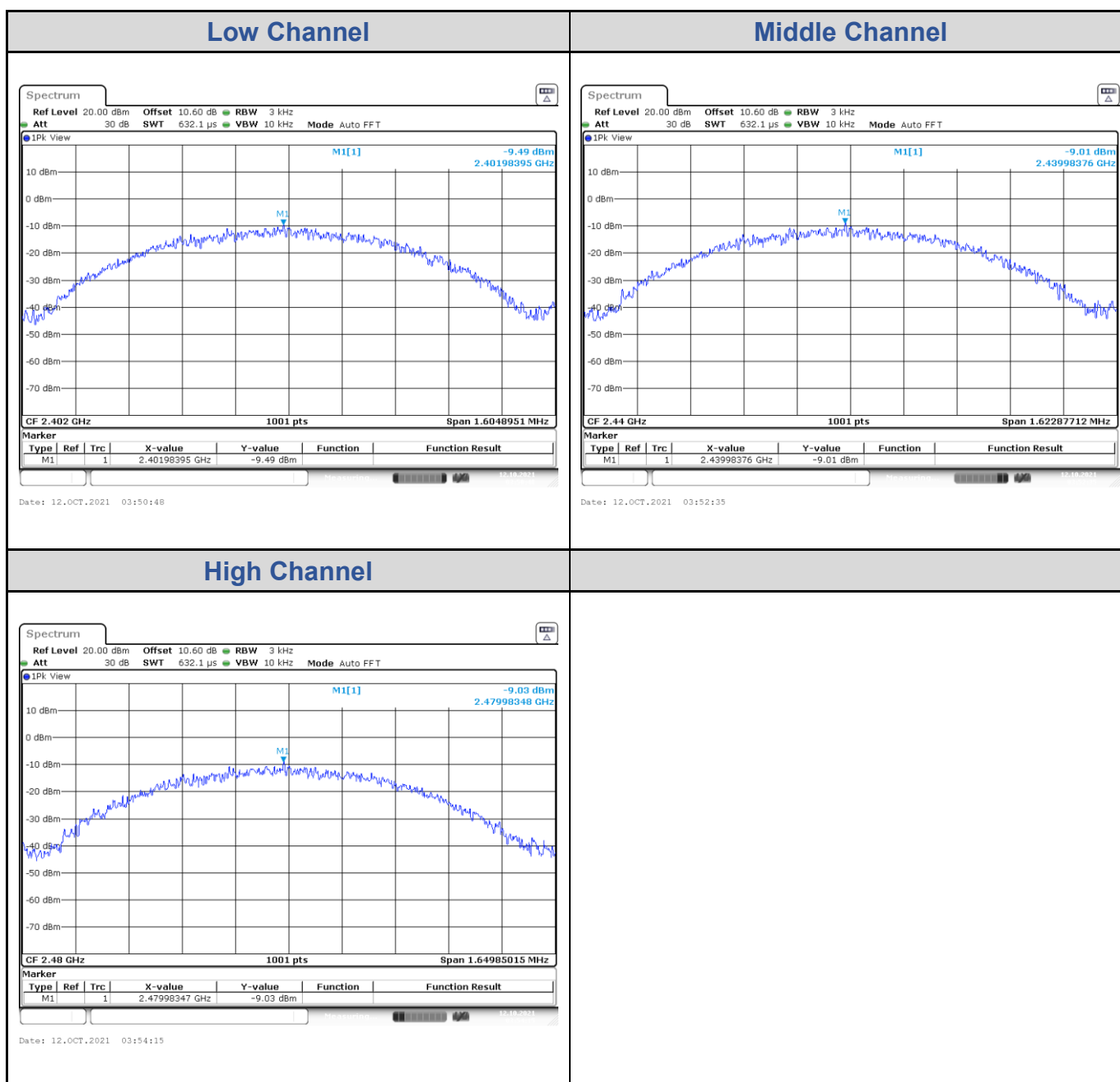
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2404	2.13
Middle Channel	2440	2.15
High Channel	2478	2.21

Low Channel

Middle Channel

High Channel


Test Result of Power Spectral Density

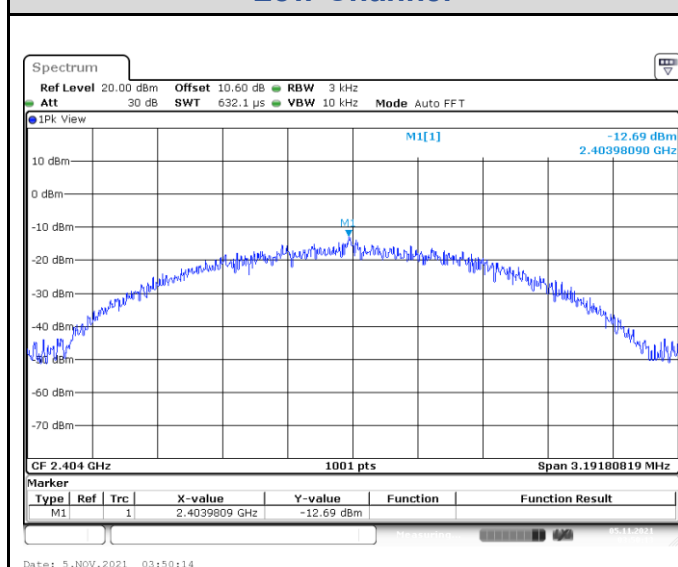
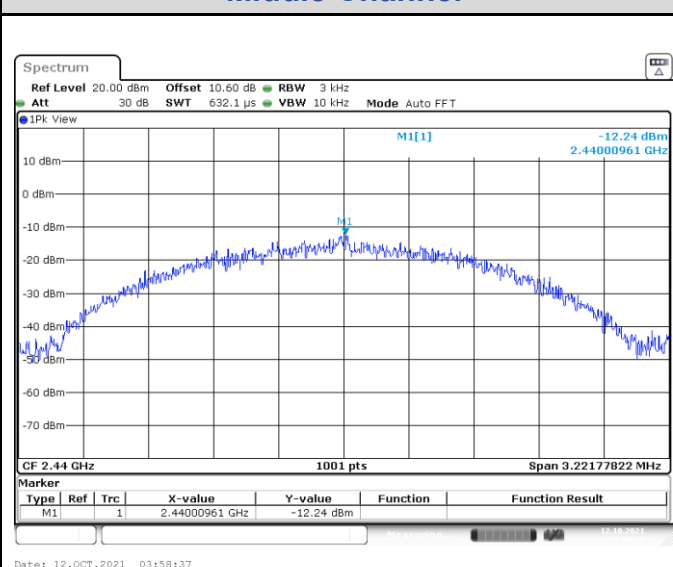
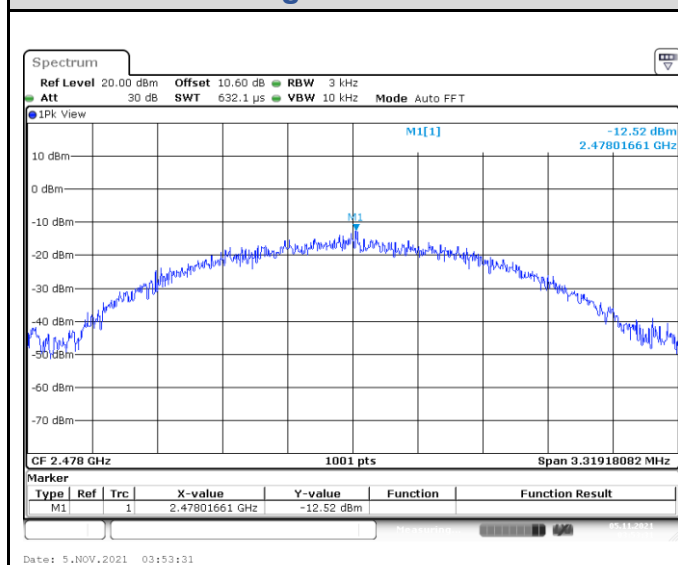
BLE_1M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-9.49	8	Pass
Middle Channel	2440	-9.01	8	Pass
High Channel	2480	-9.03	8	Pass



BLE_2M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2404	-12.69	8	Pass
Middle Channel	2440	-12.24	8	Pass
High Channel	2478	-12.52	8	Pass

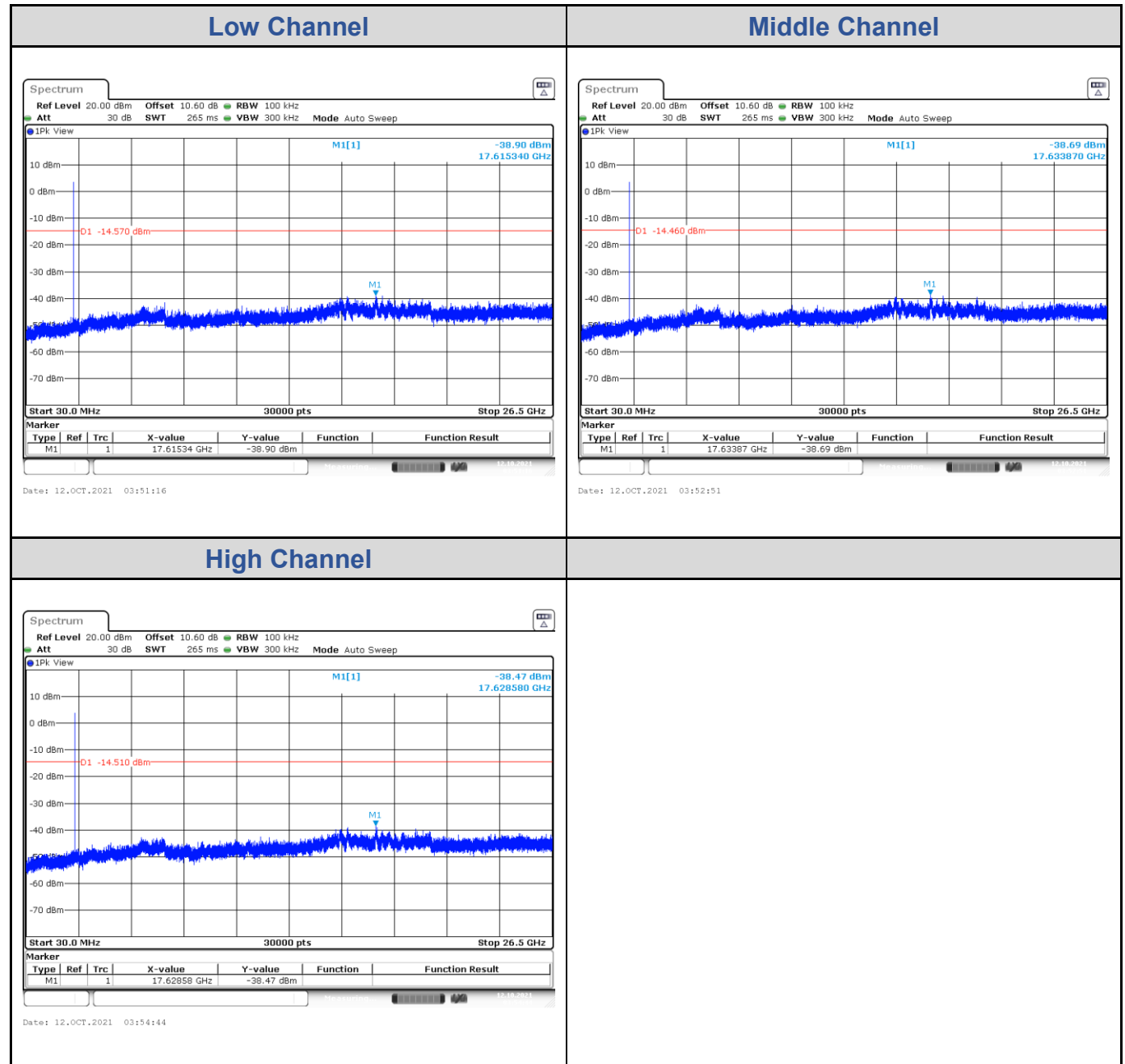
Low Channel

Middle Channel

High Channel


Test Result of Conducted Spurious Emissions, Tx Mode

BLE_1M

Low Channel

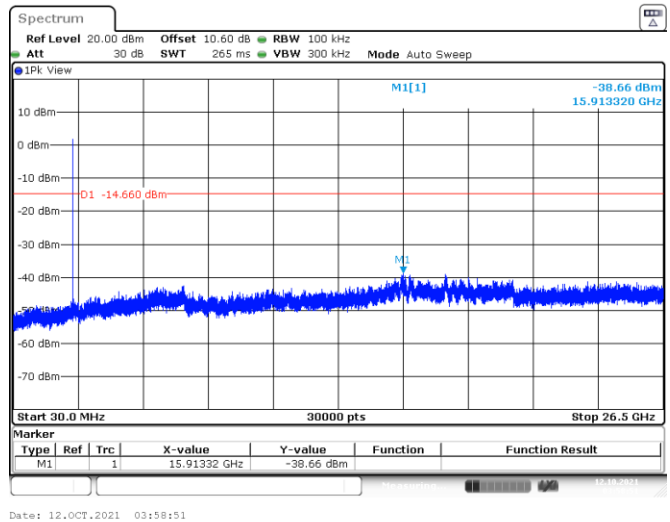
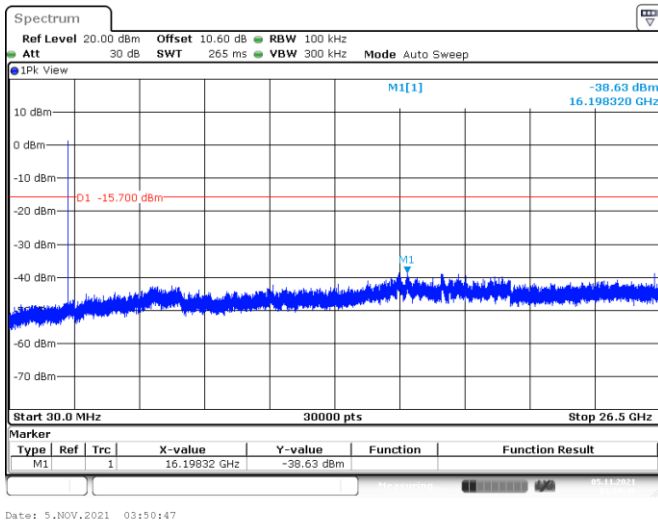
Middle Channel



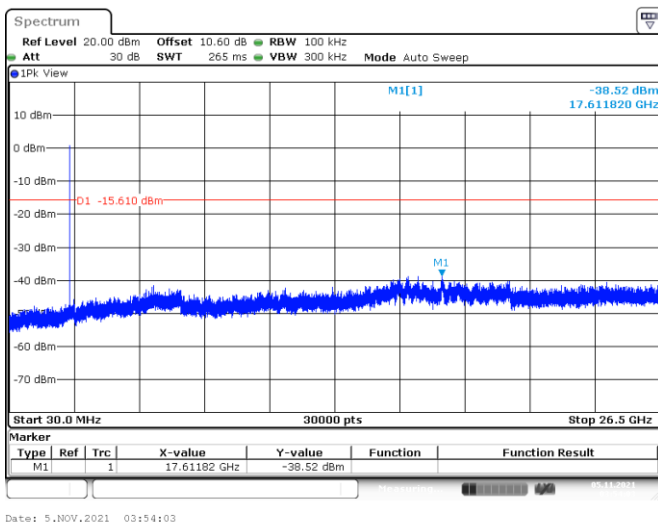
BLE_2M

Low Channel

Middle Channel

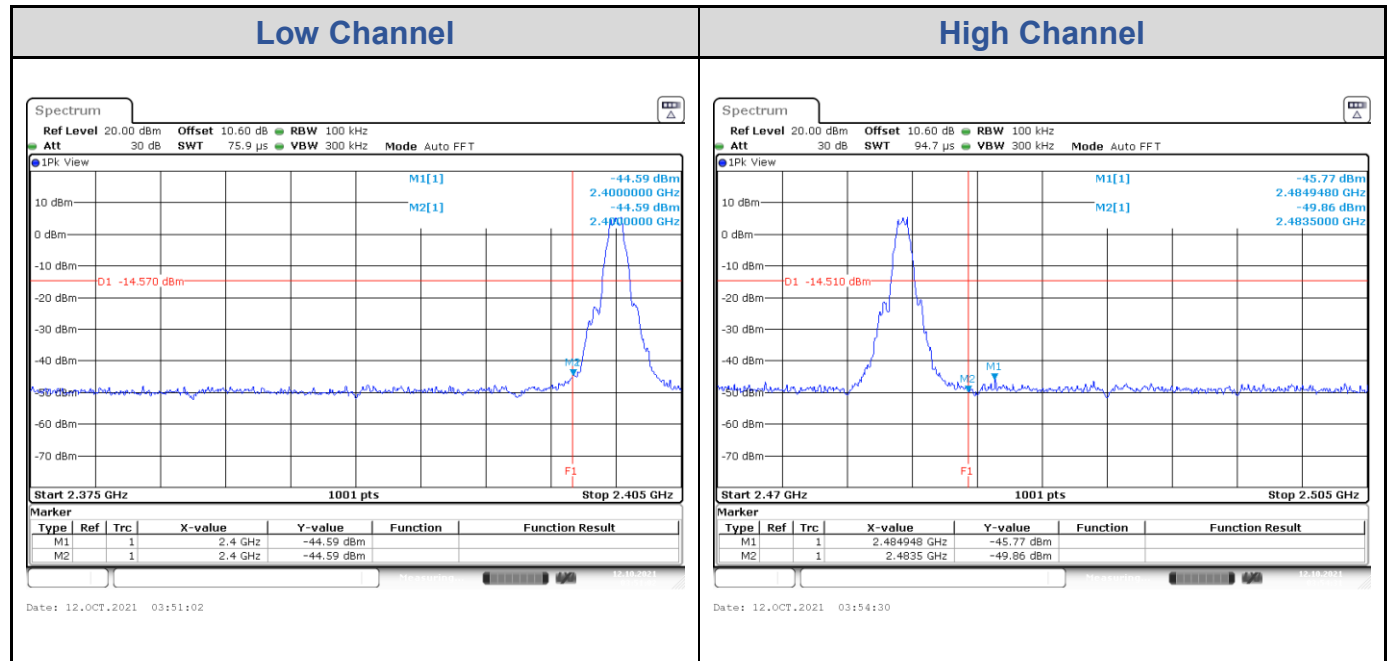


High Channel

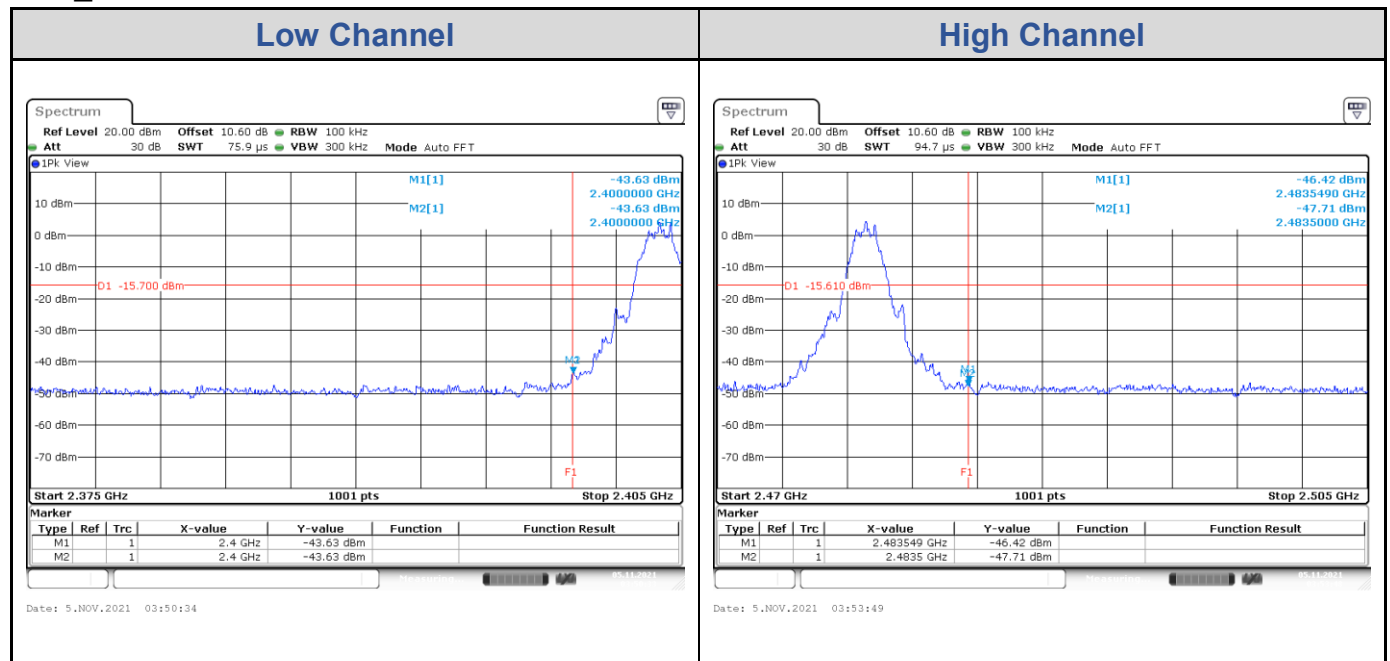


Test Result of Conducted Band Edge, Tx Mode

BLE_1M



BLE_2M



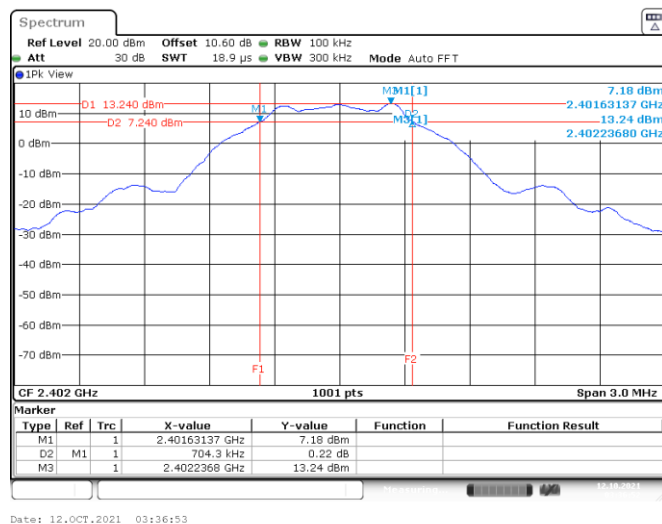
Test Results of Conducted Test_MPA Mode by PCB Antenna

Test Result of 6 dB Bandwidth

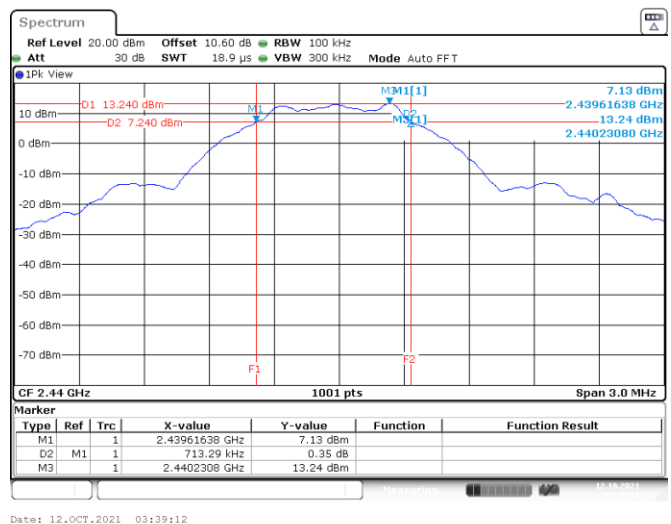
BLE_1M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	704.30	> 500	Pass
Middle Channel	2440	713.29	> 500	Pass
High Channel	2480	722.28	> 500	Pass

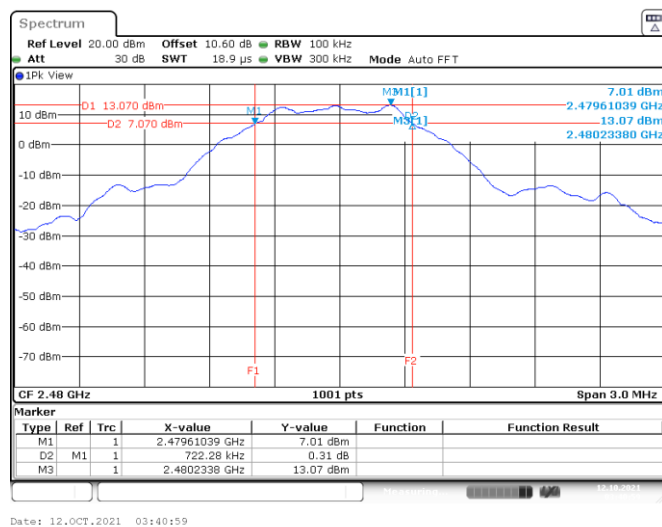
Low Channel



Middle Channel

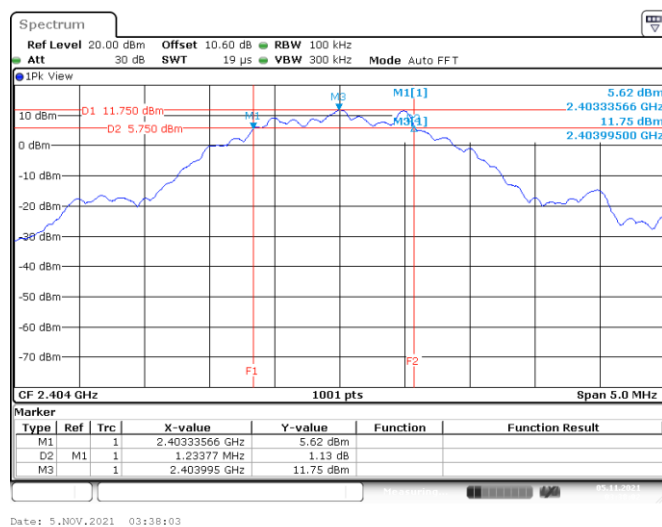
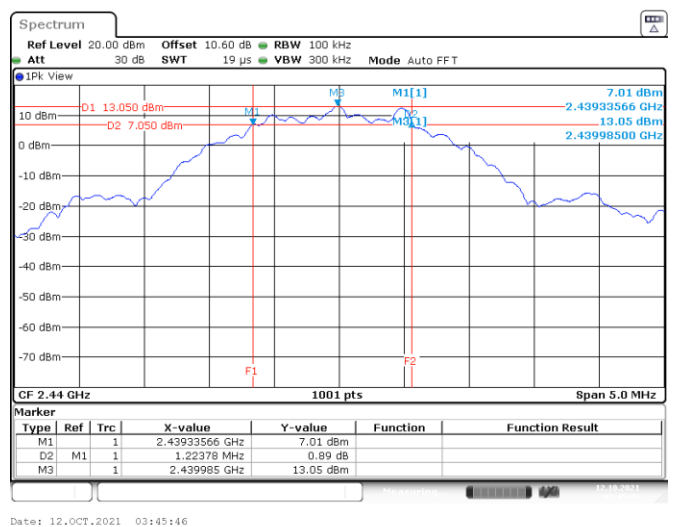
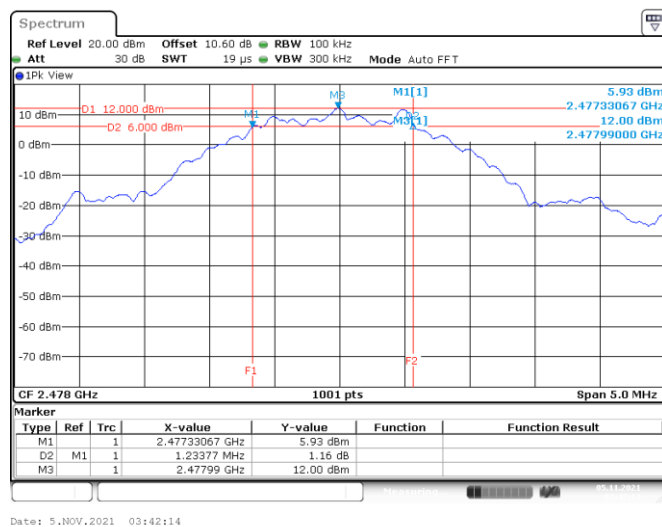


High Channel



BLE_2M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2404	1233.77	> 500	Pass
Middle Channel	2440	1223.78	> 500	Pass
High Channel	2478	1233.77	> 500	Pass

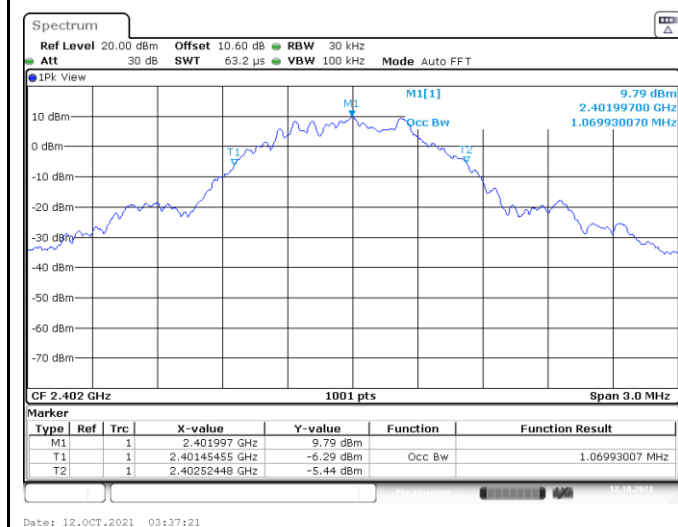
Low Channel

Middle Channel

High Channel


Test Result of 99% Occupied Bandwidth

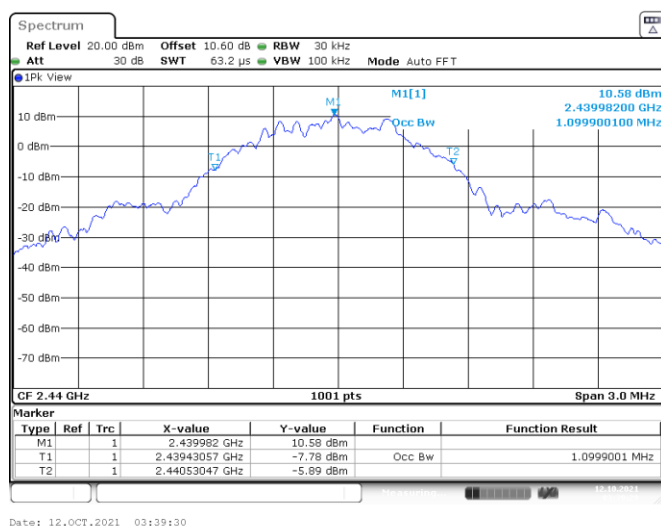
BLE_1M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.07
Middle Channel	2440	1.10
High Channel	2480	1.10

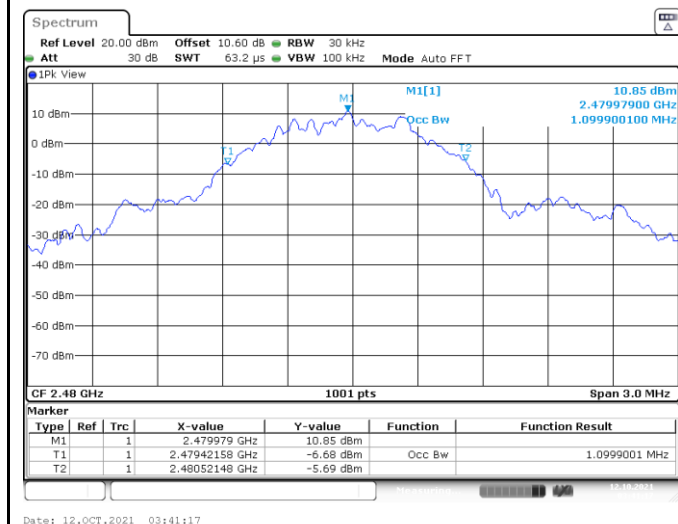
Low Channel



Middle Channel

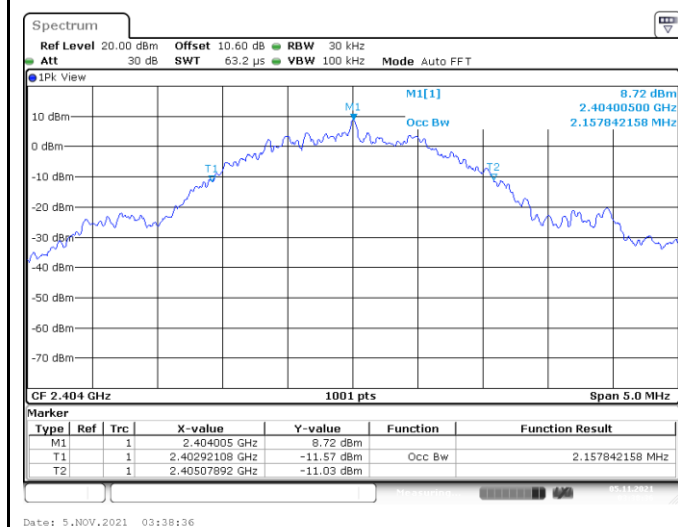
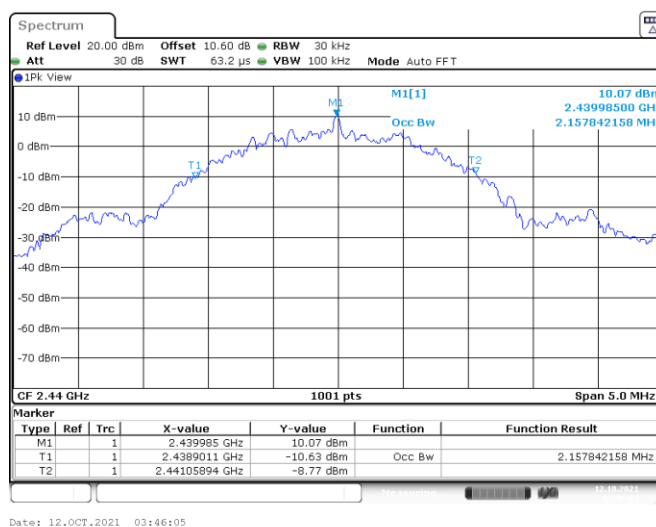
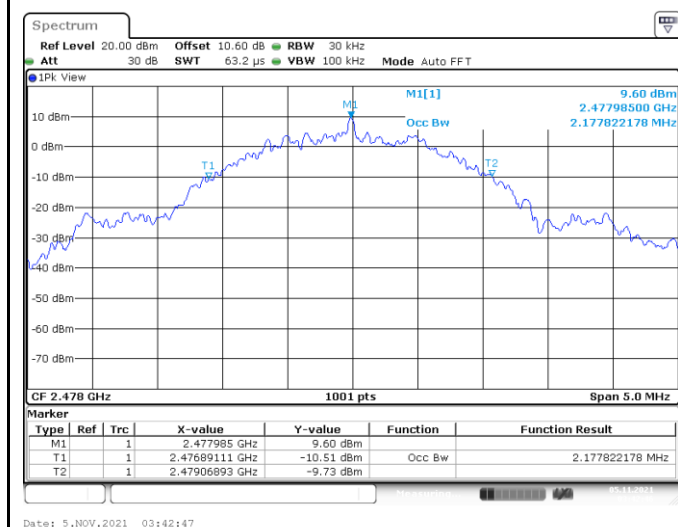


High Channel



BLE_2M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2404	2.16
Middle Channel	2440	2.16
High Channel	2478	2.18

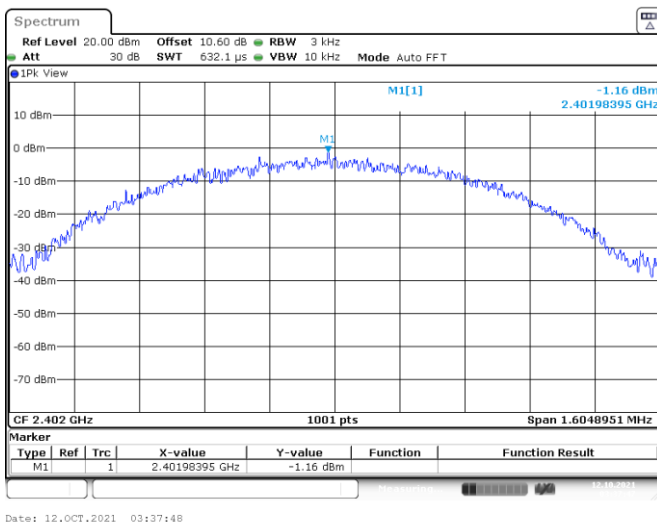
Low Channel

Middle Channel

High Channel


Test Result of Power Spectral Density

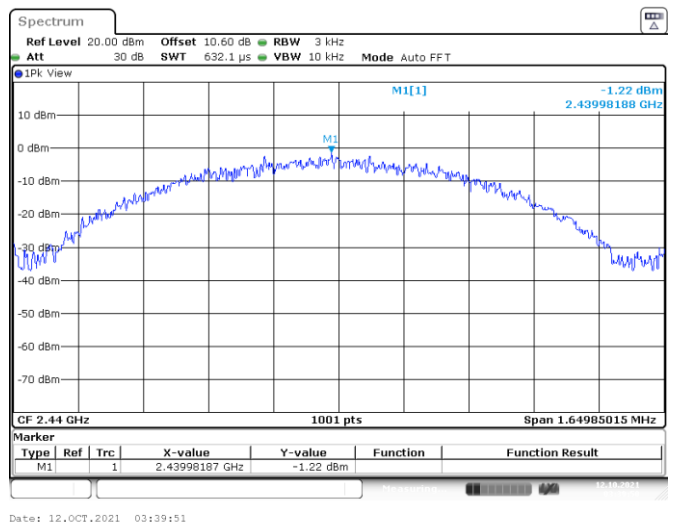
BLE_1M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-1.16	8	Pass
Middle Channel	2440	-1.22	8	Pass
High Channel	2480	-1.04	8	Pass

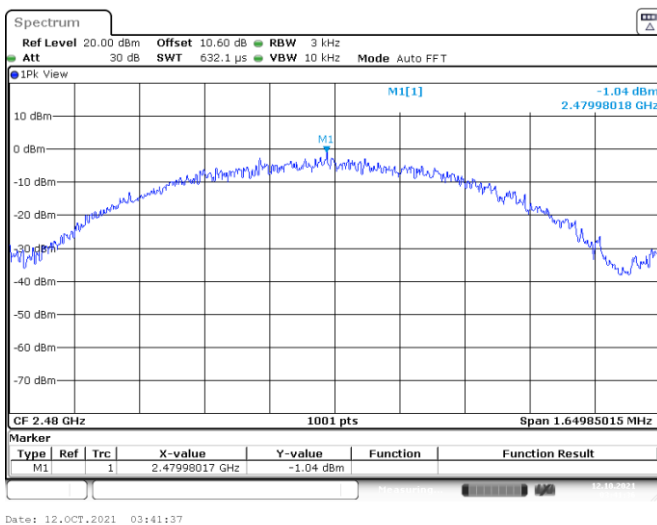
Low Channel



Middle Channel

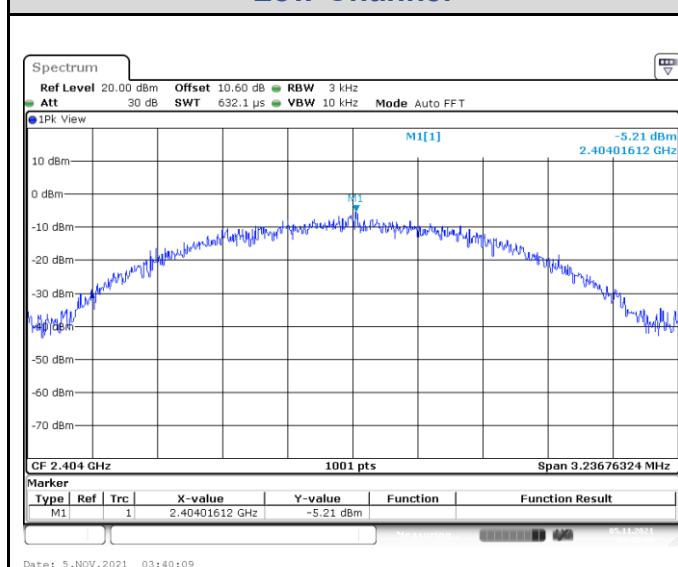
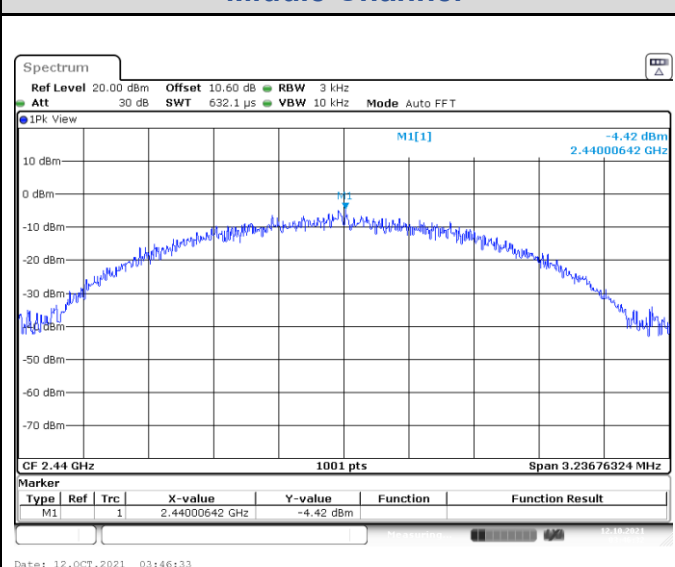
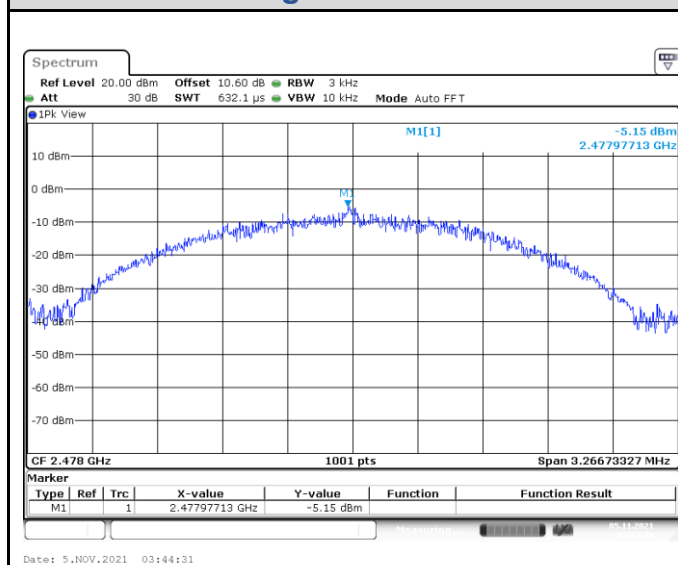


High Channel



BLE_2M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2404	-5.21	8	Pass
Middle Channel	2440	-4.42	8	Pass
High Channel	2478	-5.15	8	Pass

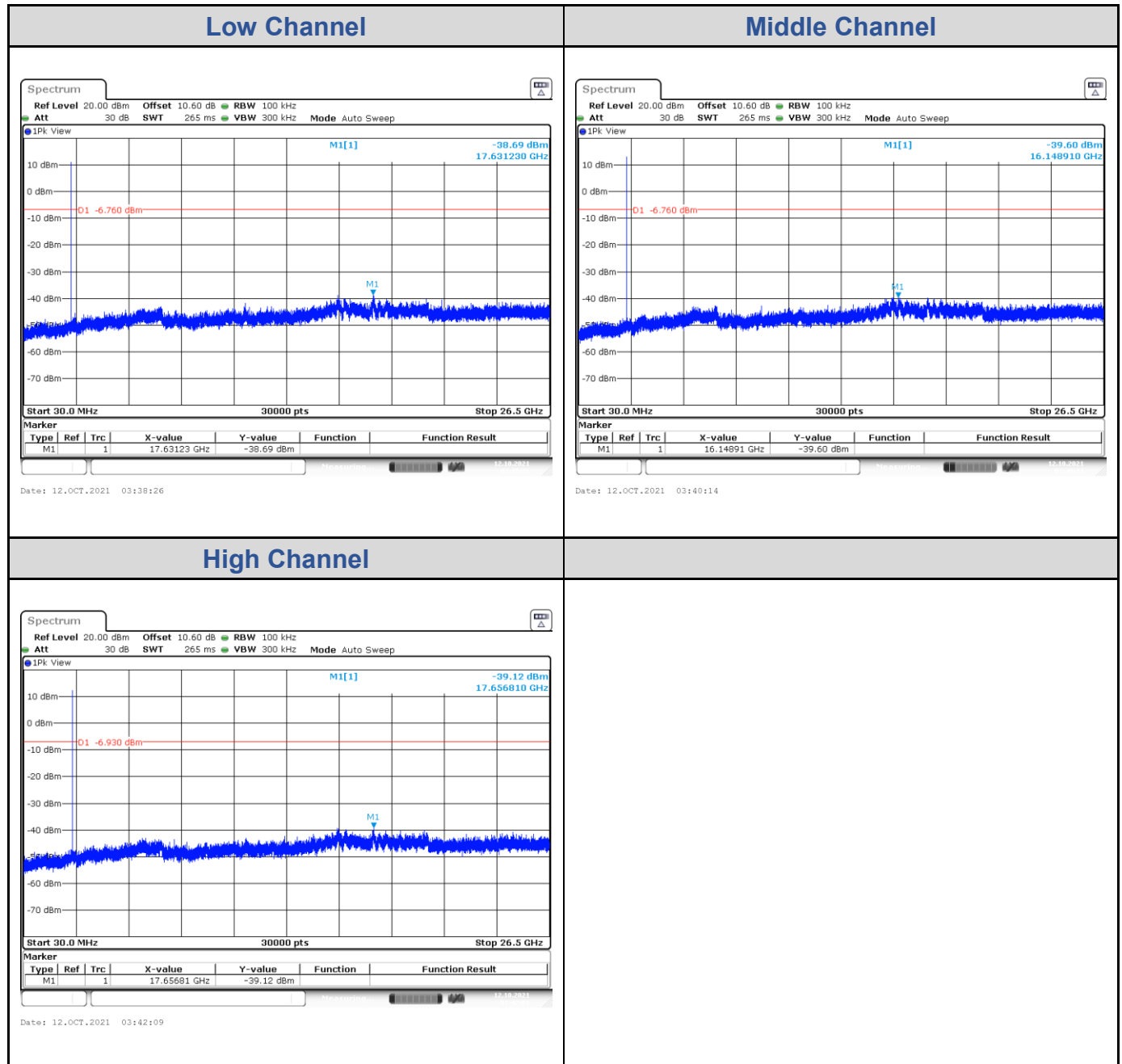
Low Channel

Middle Channel

High Channel


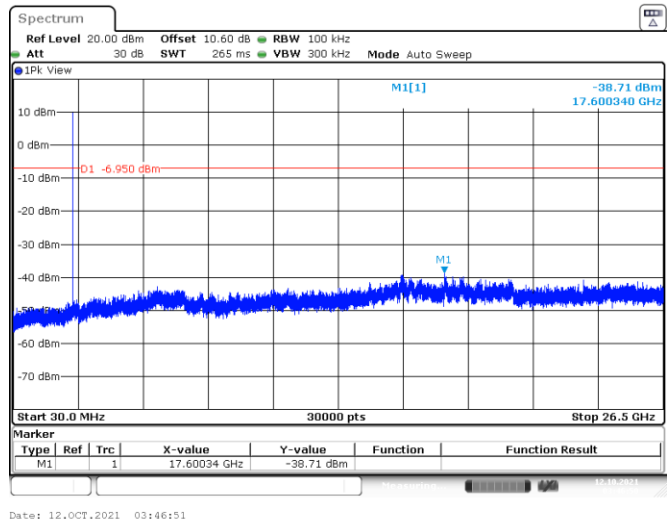
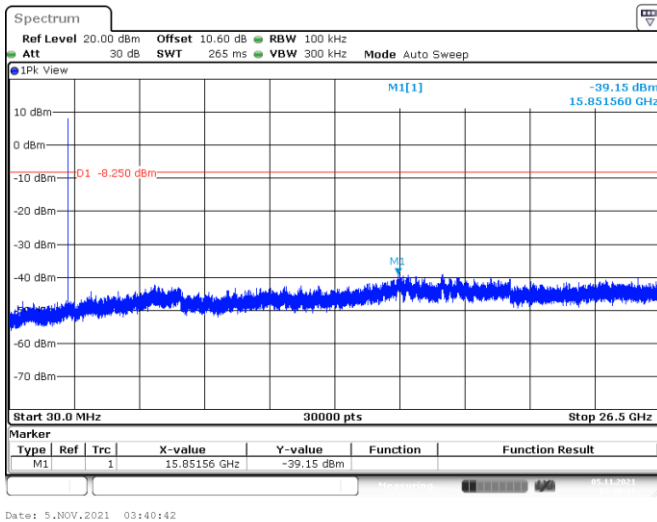
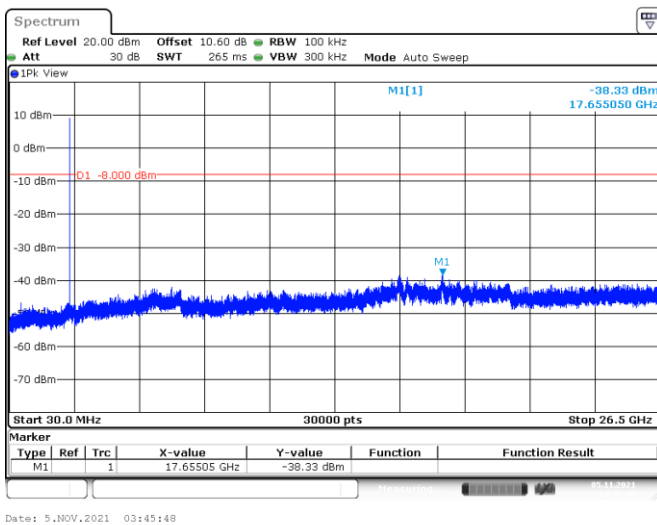
Test Result of Conducted Spurious Emissions, Tx Mode

BLE_1M

Low Channel

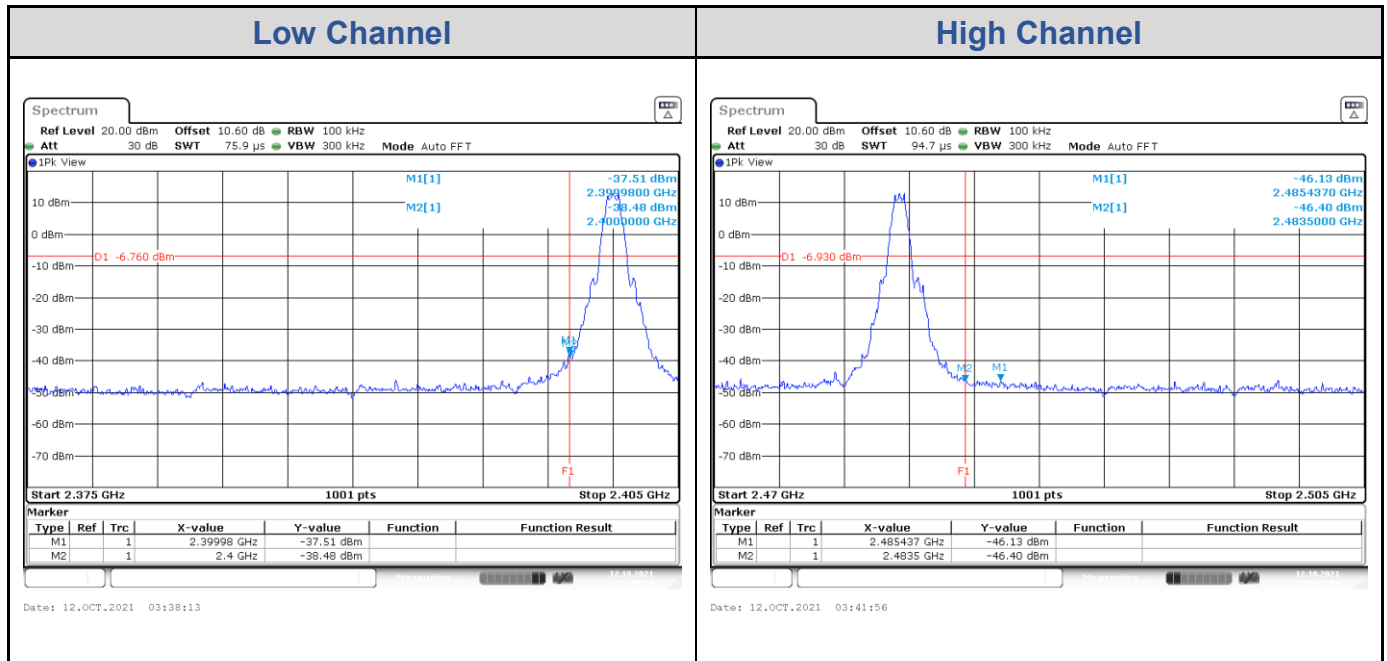
Middle Channel



BLE_2M
Low Channel
Middle Channel

High Channel


Test Result of Conducted Band Edge, Tx Mode

BLE_1M



BLE_2M

