

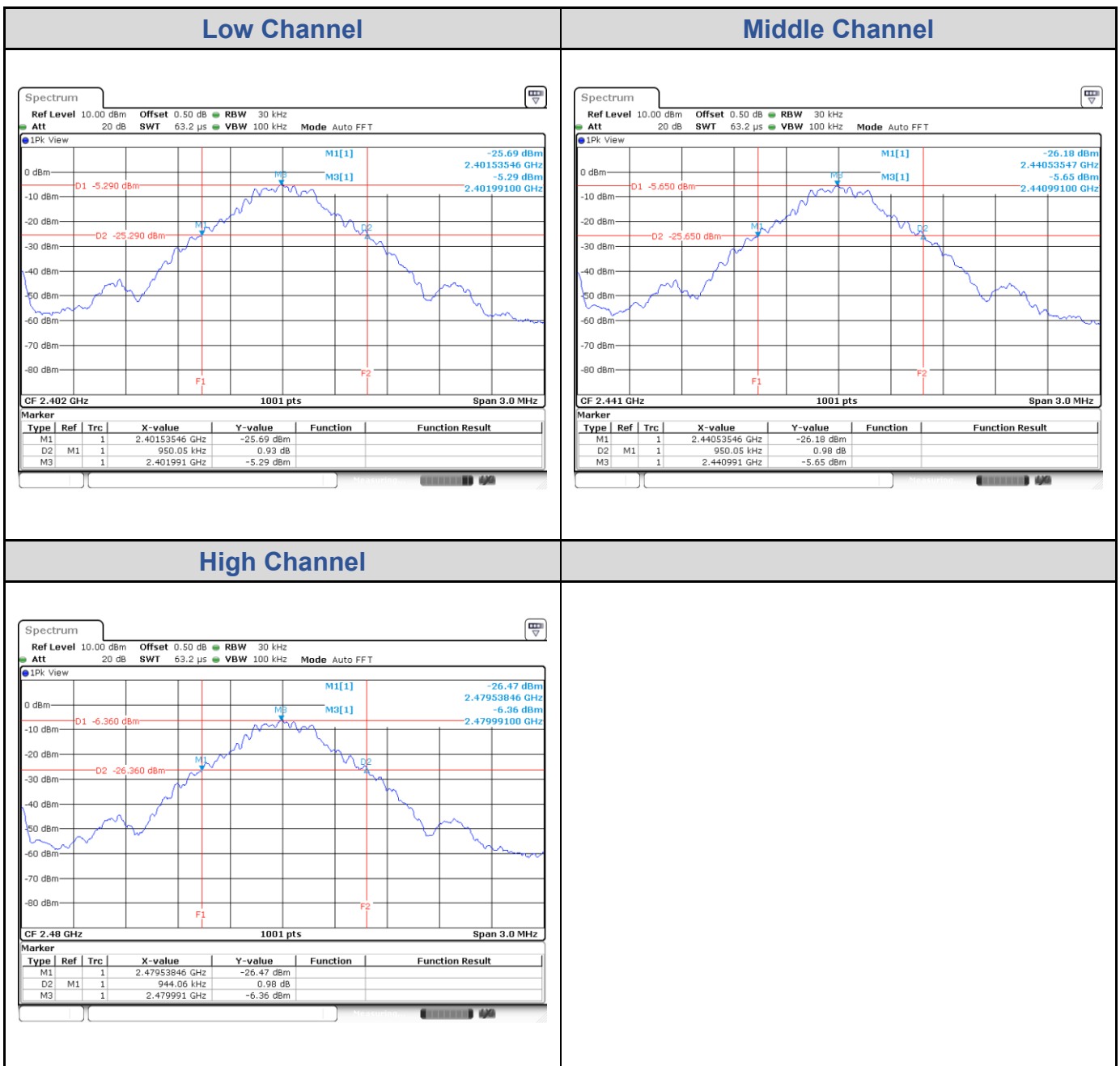
Appendix A: Test Results of Conducted Test for Left and Right Ears

Left Ear

Test Result of 20 dB Bandwidth

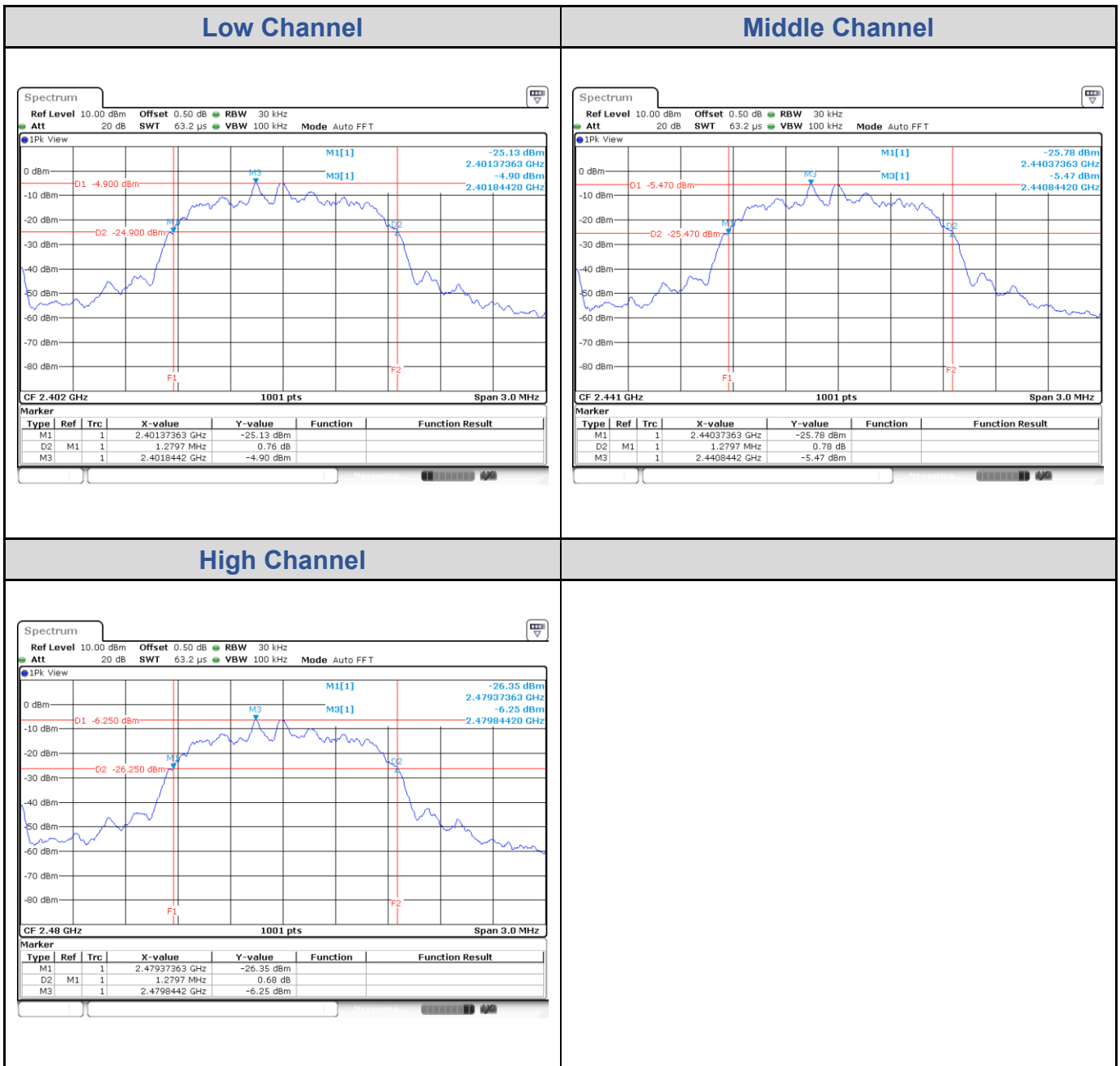
GFSK

Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)
Low Channel	2402	950.05
Middle Channel	2441	950.05
High Channel	2480	944.06



π/4-DQPSK

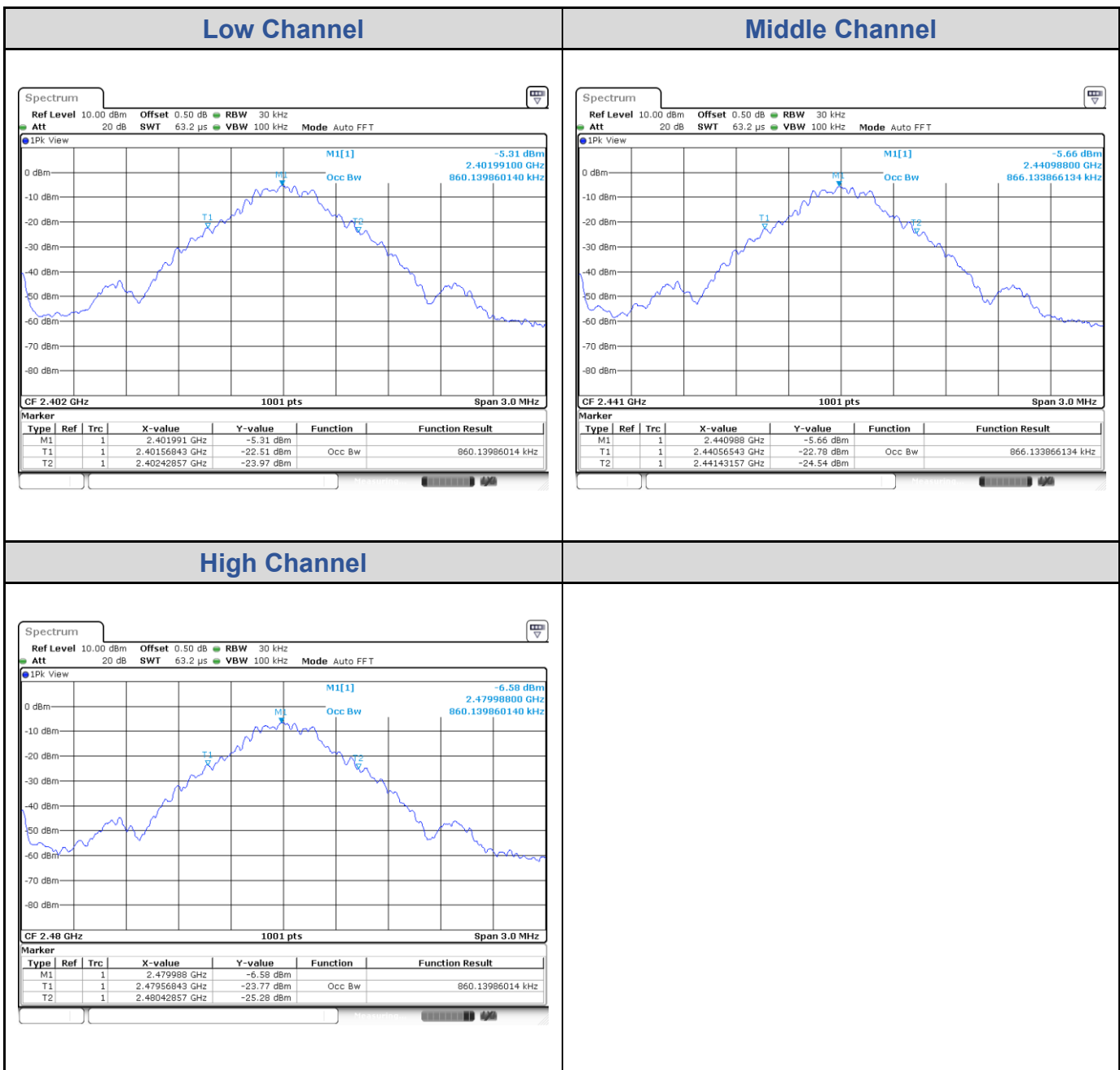
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)
Low Channel	2402	1279.70
Middle Channel	2441	1279.70
High Channel	2480	1279.70



Test Result of 99% Occupied Bandwidth

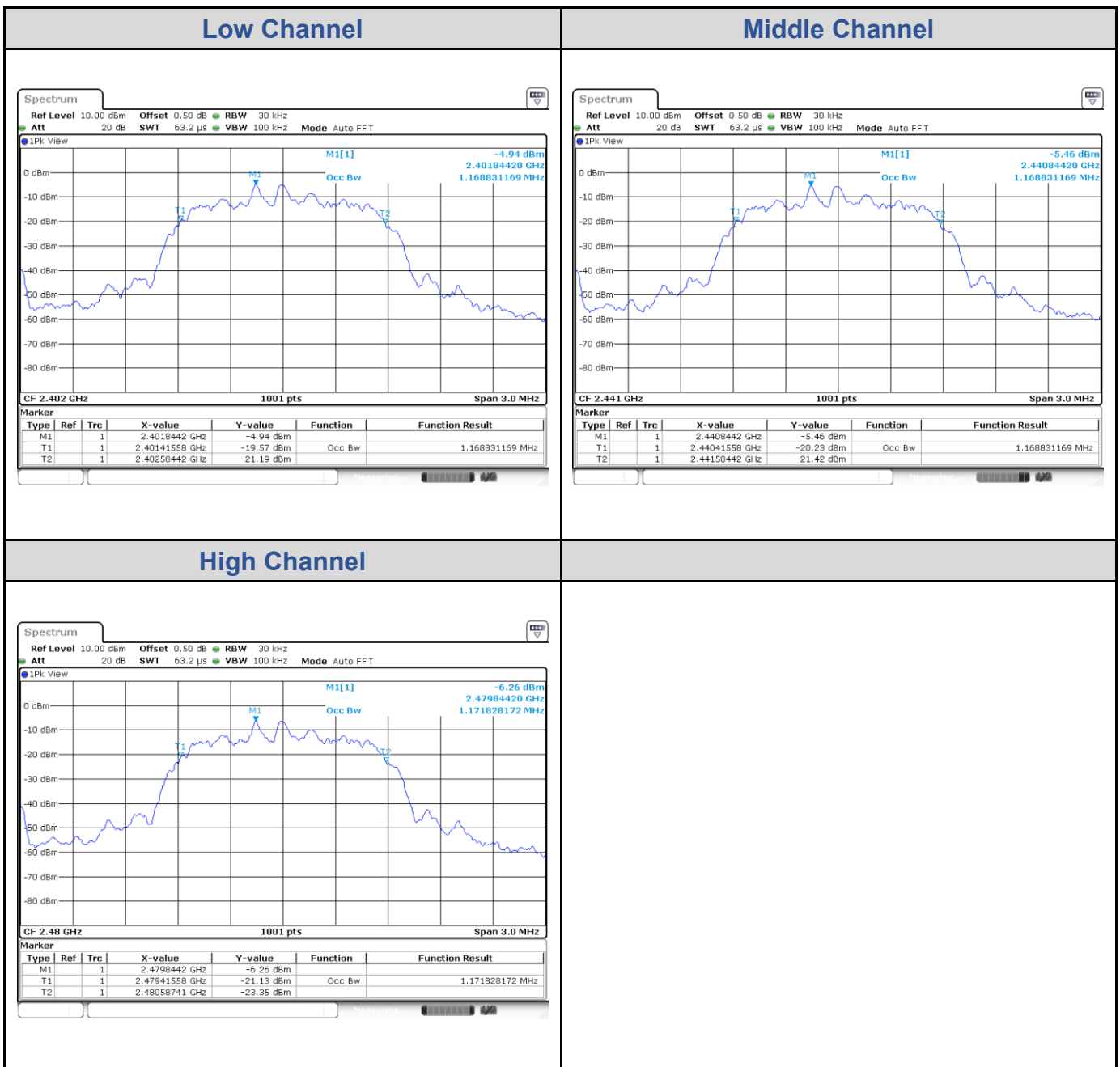
GFSK

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)
Low Channel	2402	860.14
Middle Channel	2441	866.13
High Channel	2480	860.14



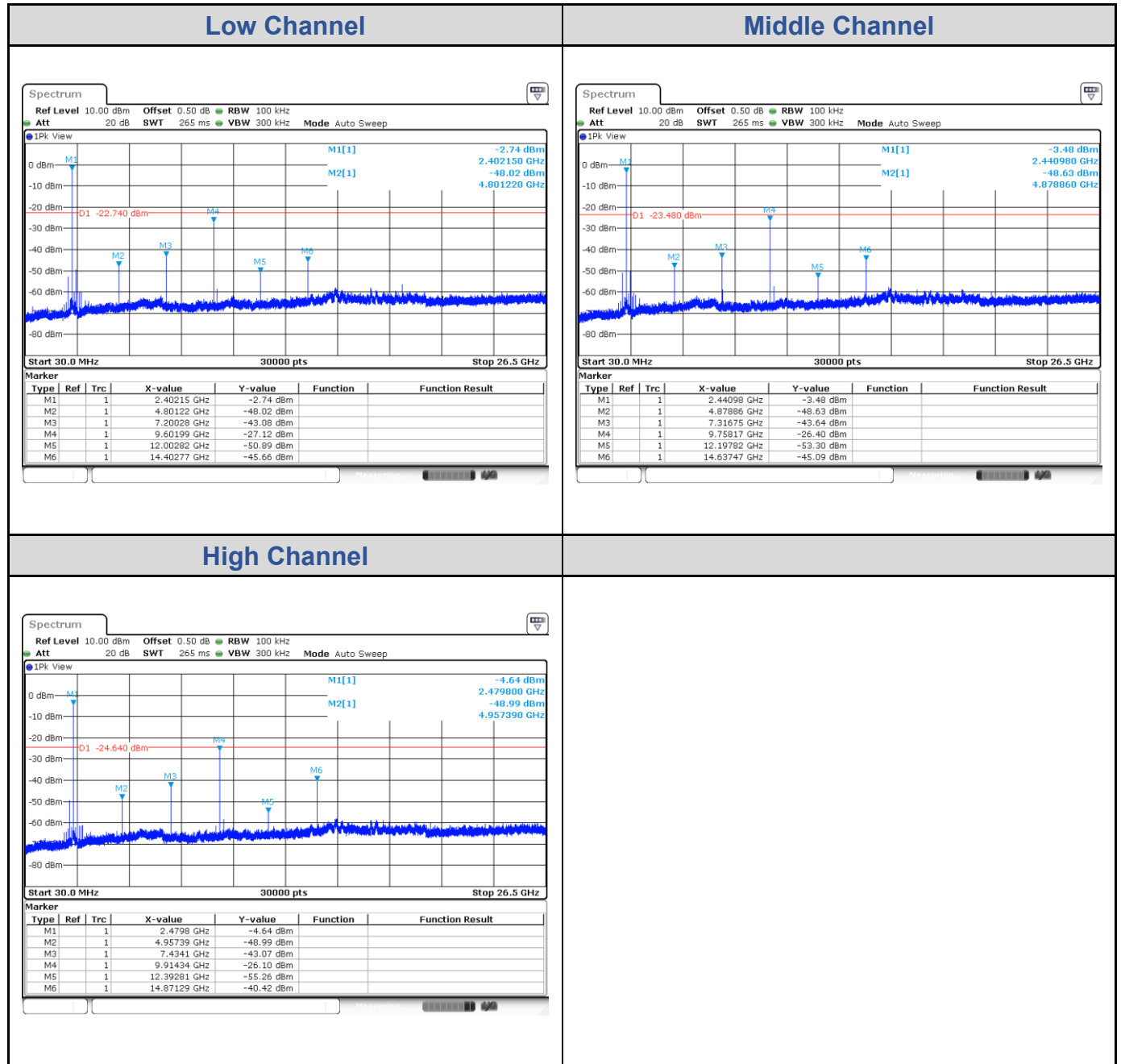
$\pi/4$ -DQPSK

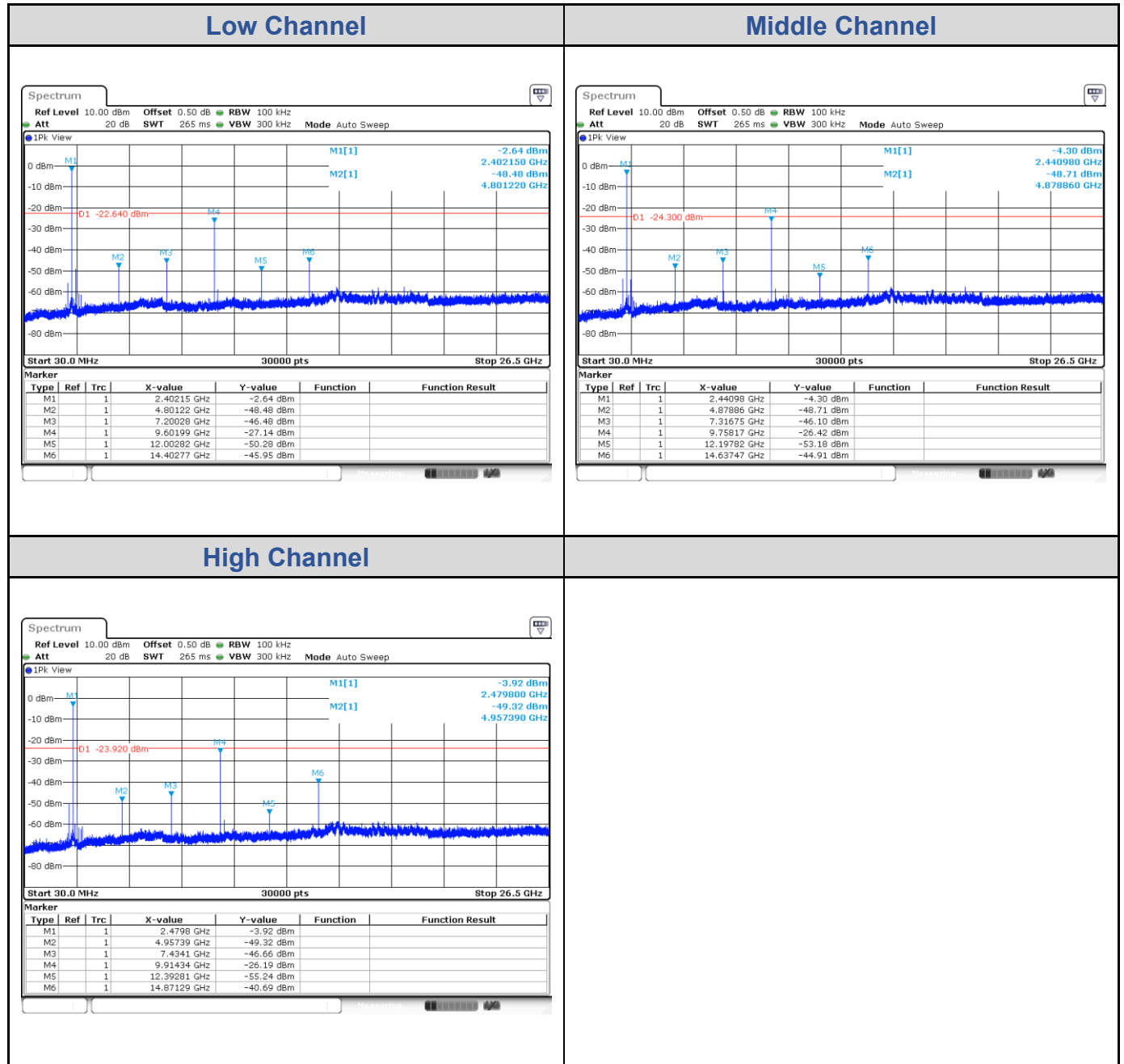
Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)
Low Channel	2402	1168.83
Middle Channel	2441	1168.83
High Channel	2480	1171.83



Test Result of Conducted Spurious Emissions, Tx Mode

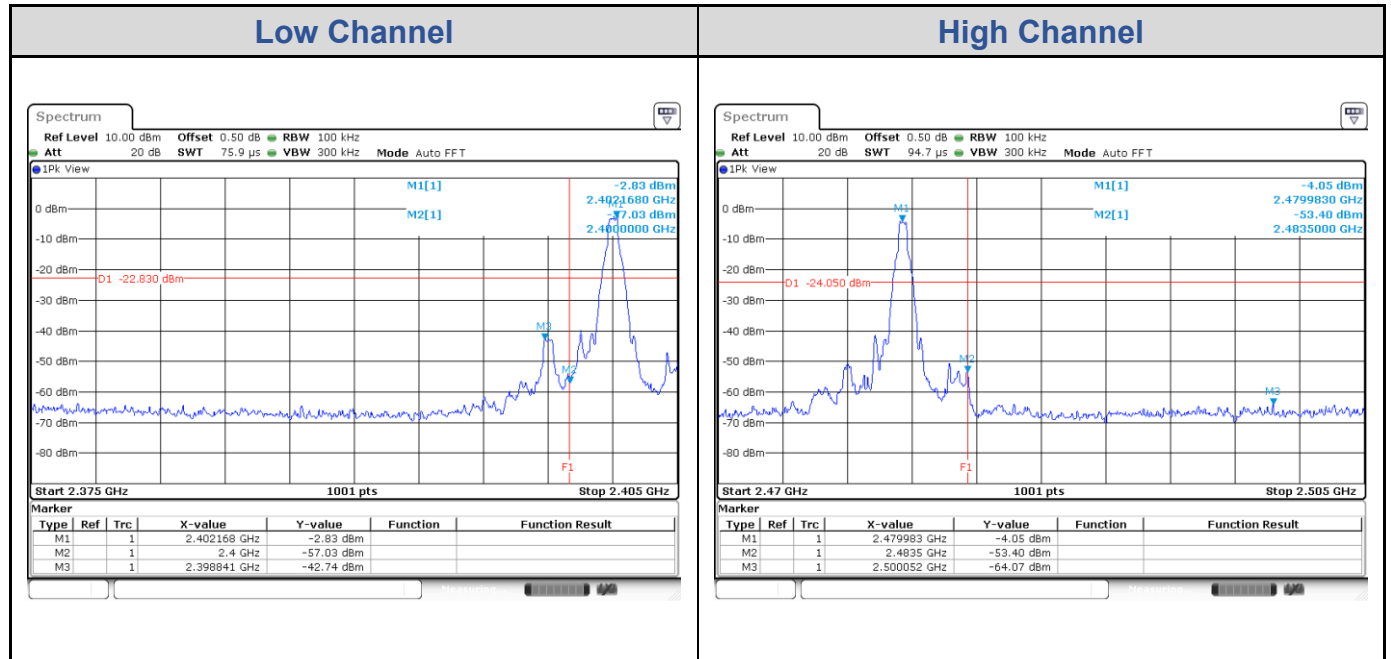
GFSK



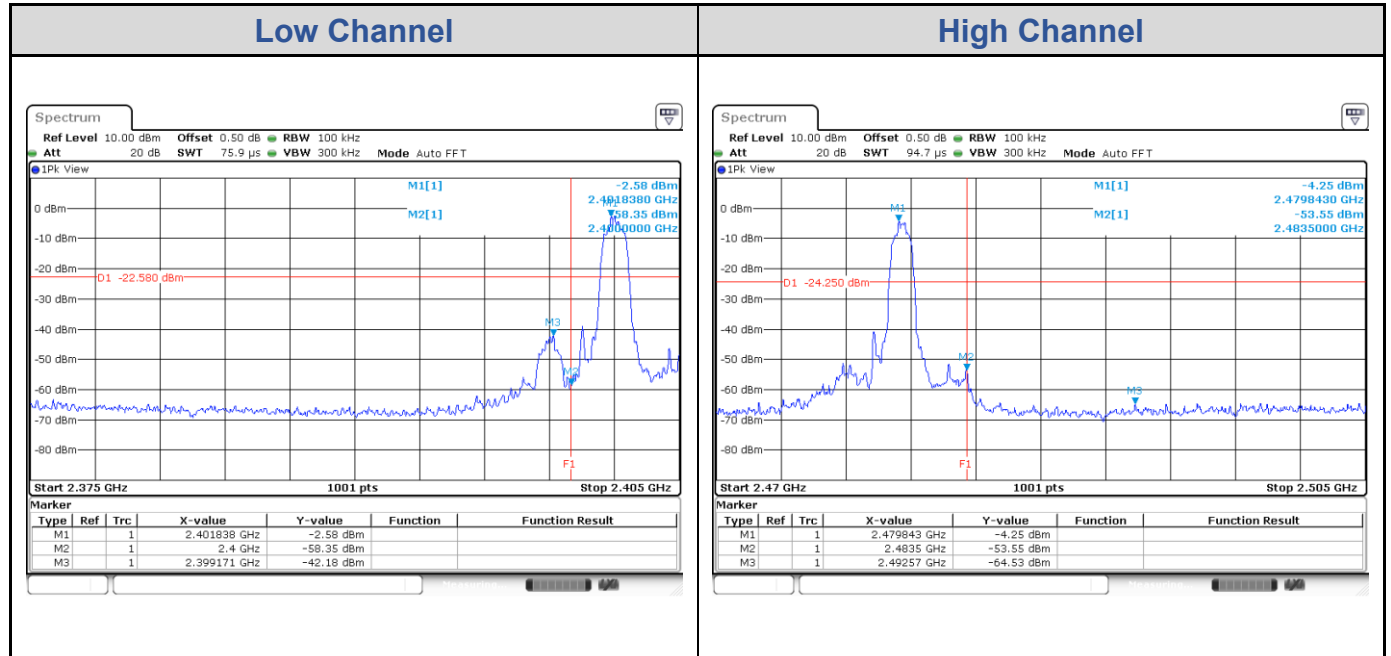
$\pi/4$ -DQPSK


Test Result of Conducted Band Edge, Tx Mode

GFSK

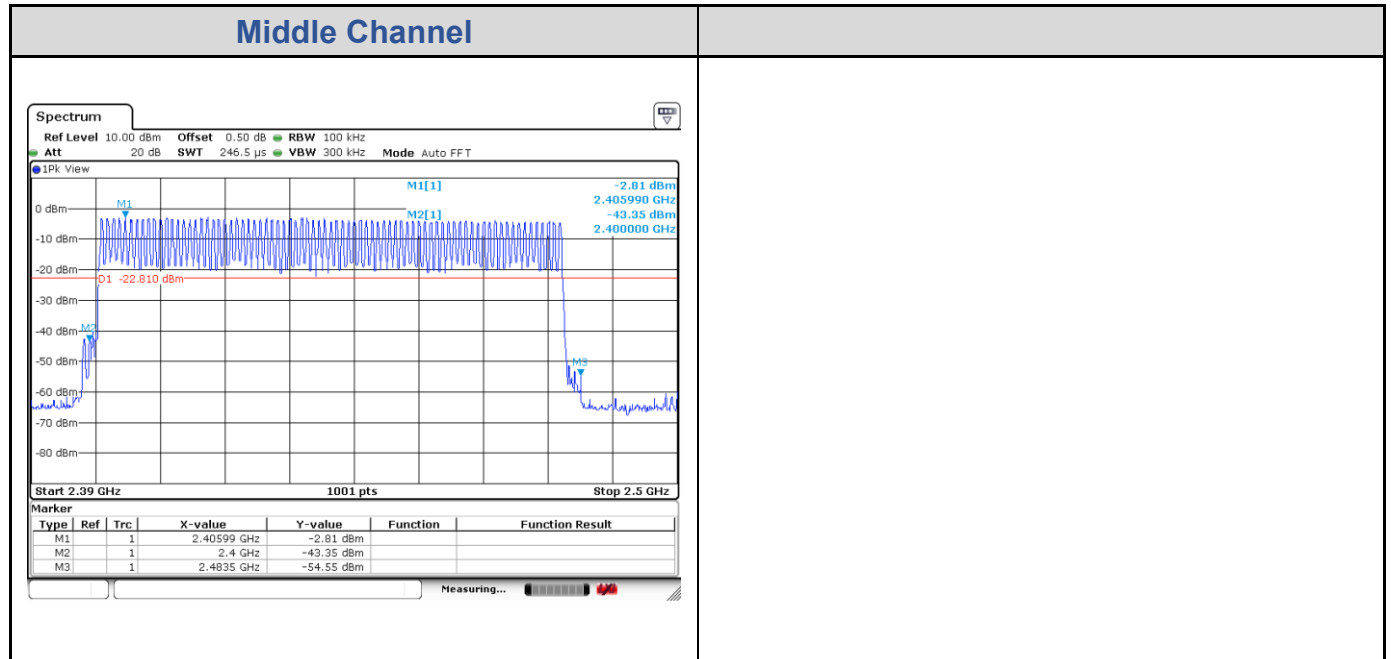


$\pi/4$ -DQPSK

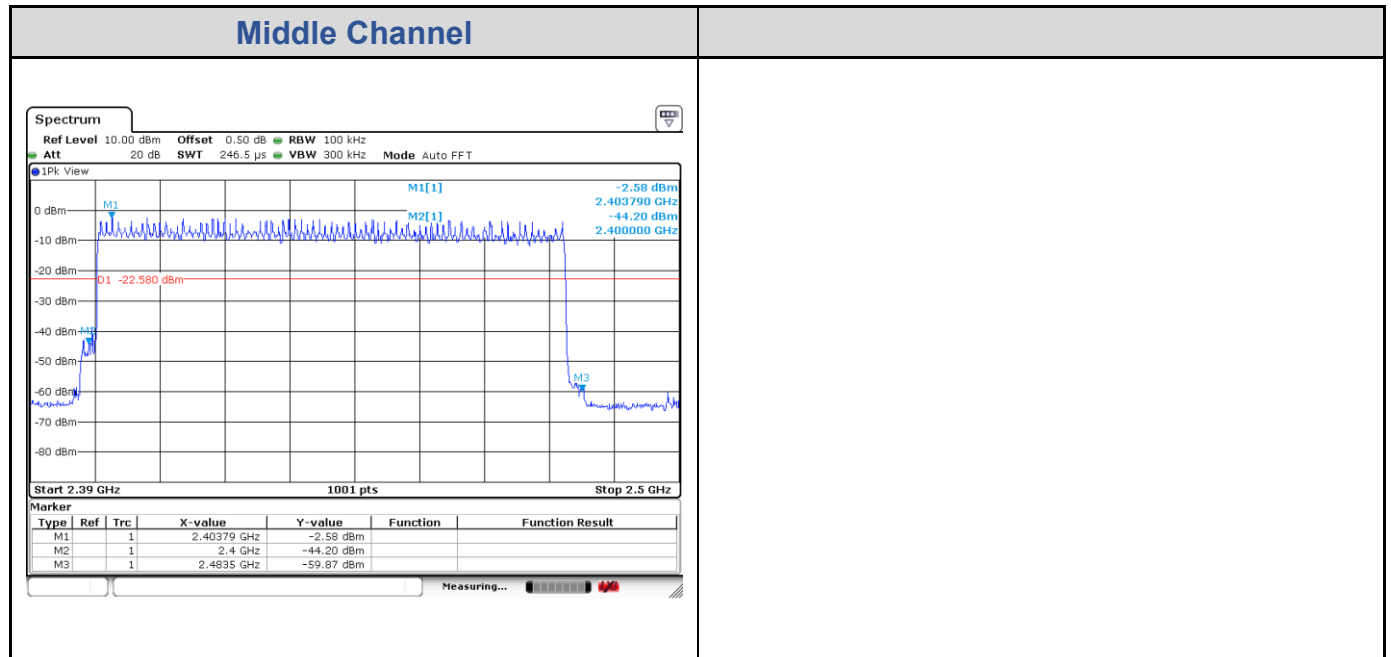


Test Result of Hopping Band Edge

GFSK



$\pi/4$ -DQPSK

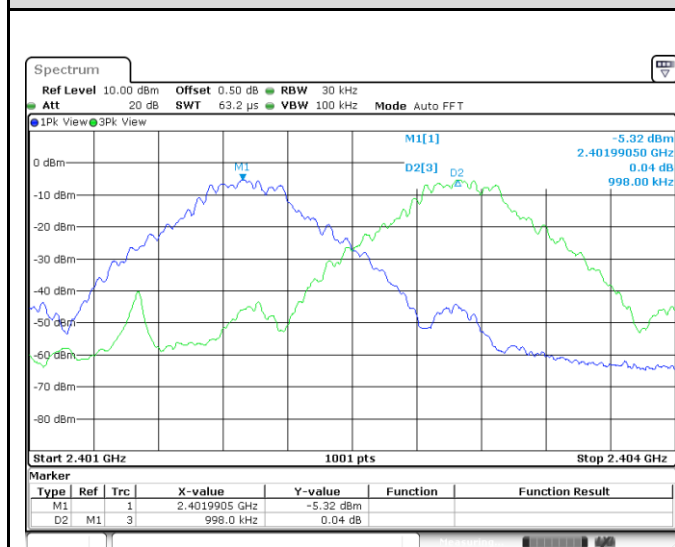


Test Result of Hopping Channel Separation

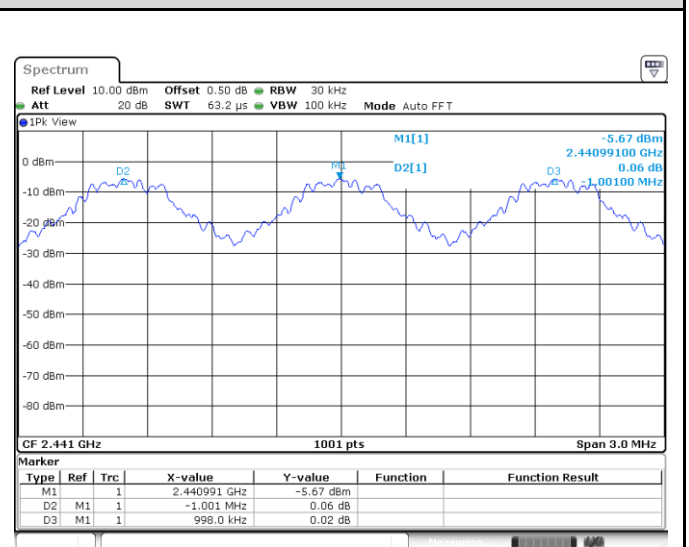
GFSK

Channel	Channel Frequency (MHz)	Adjacent Channel Separation (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (MHz)	Result
0	2402	1.00	950.05	0.63	Pass
39	2441	1.00	950.05	0.63	Pass
78	2480	1.00	944.06	0.63	Pass

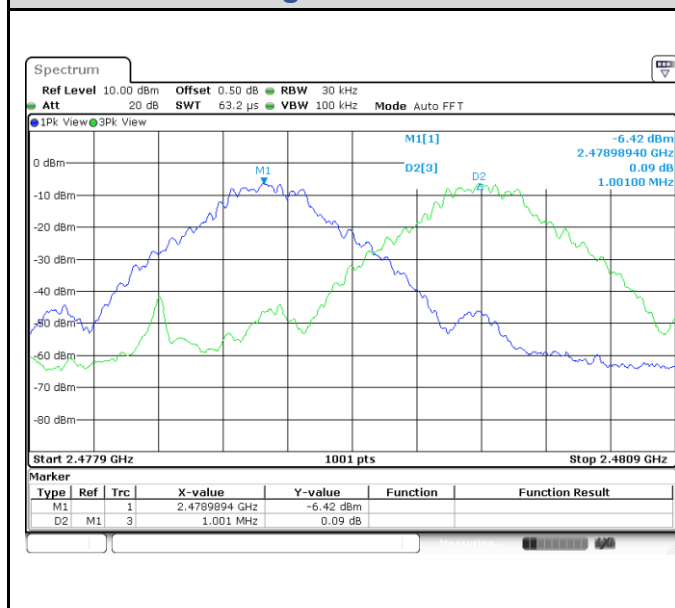
Low Channel



Middle Channel

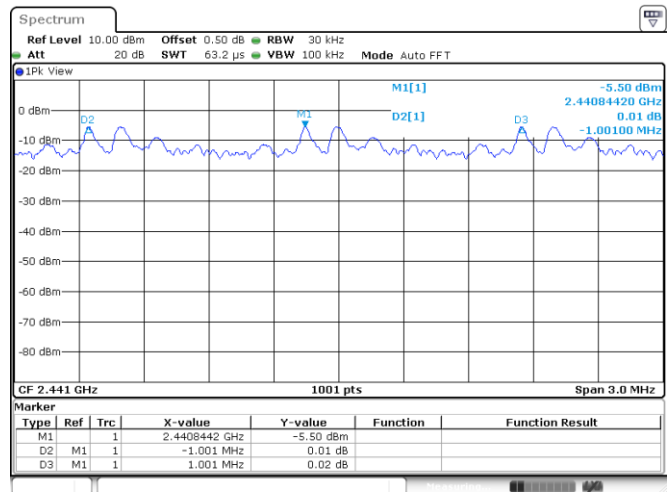
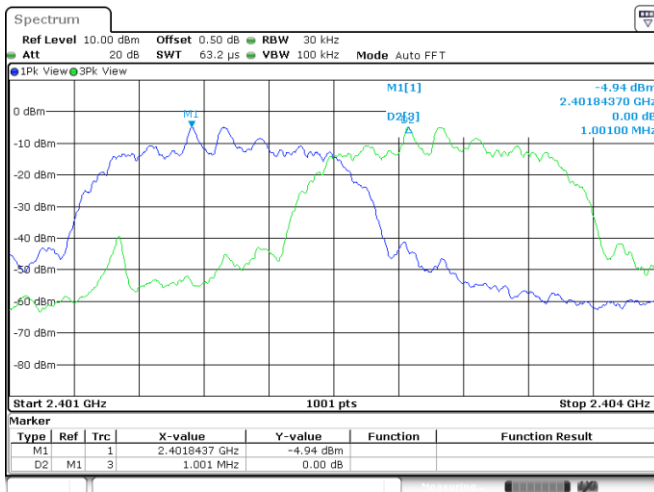
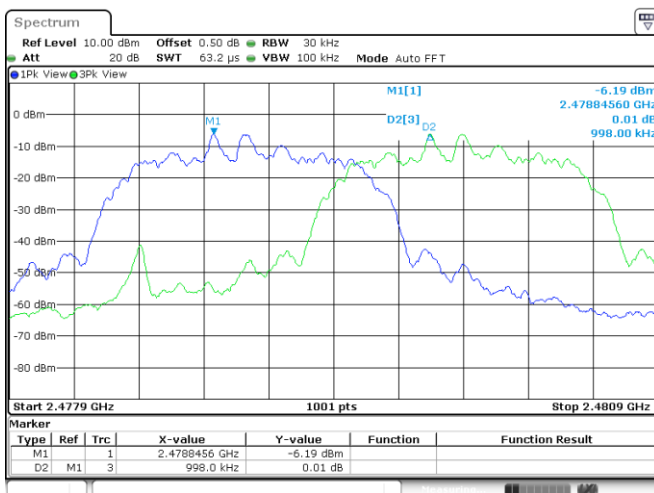


High Channel



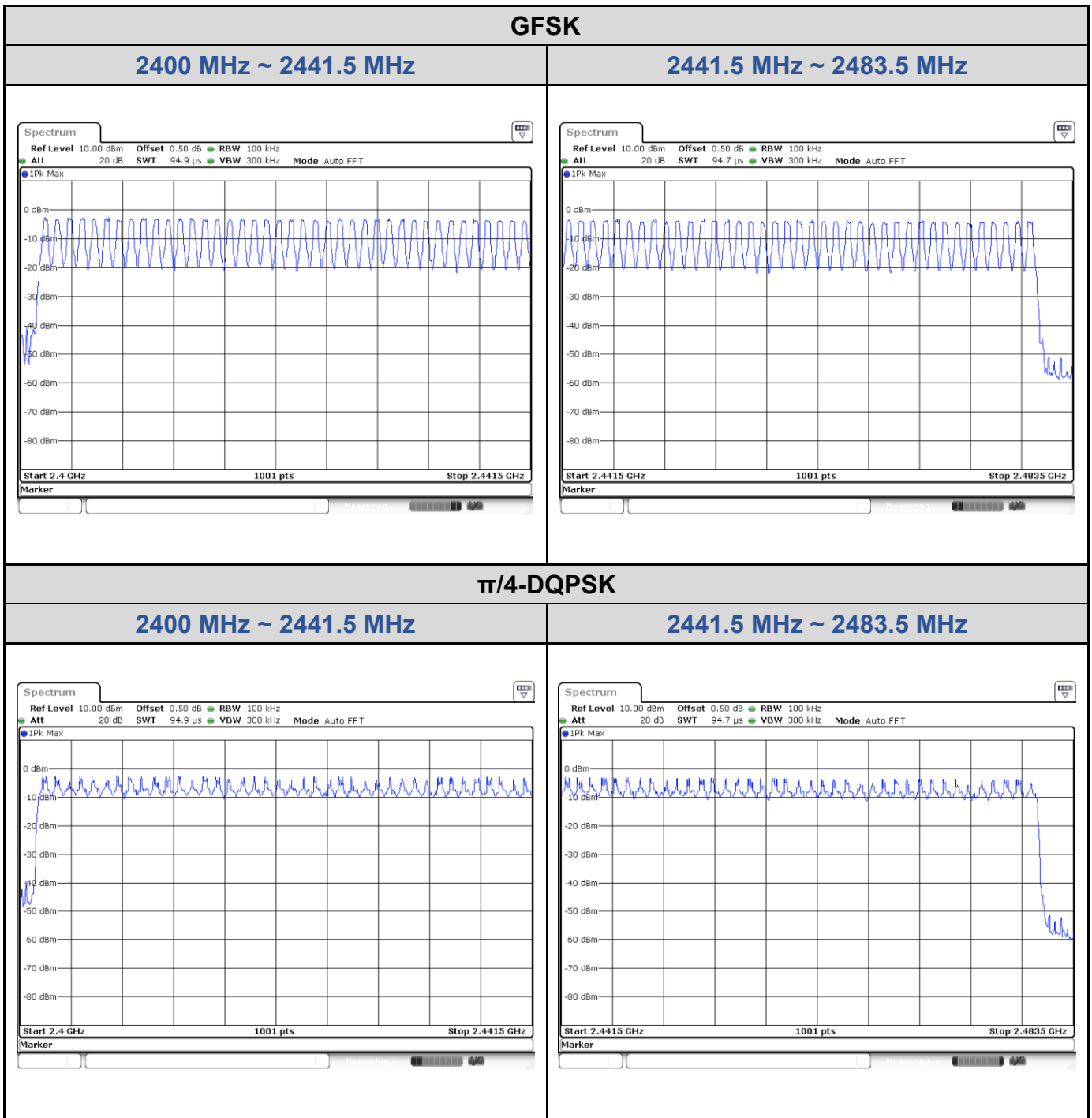
$\pi/4$ -DQPSK

Channel	Channel Frequency (MHz)	Adjacent Channel Separation (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (MHz)	Result
0	2402	1.00	1279.70	0.85	Pass
39	2441	1.00	1279.70	0.85	Pass
78	2480	1.00	1279.70	0.85	Pass

Low Channel
Middle Channel

High Channel


Test Result of Number of Hopping Frequency

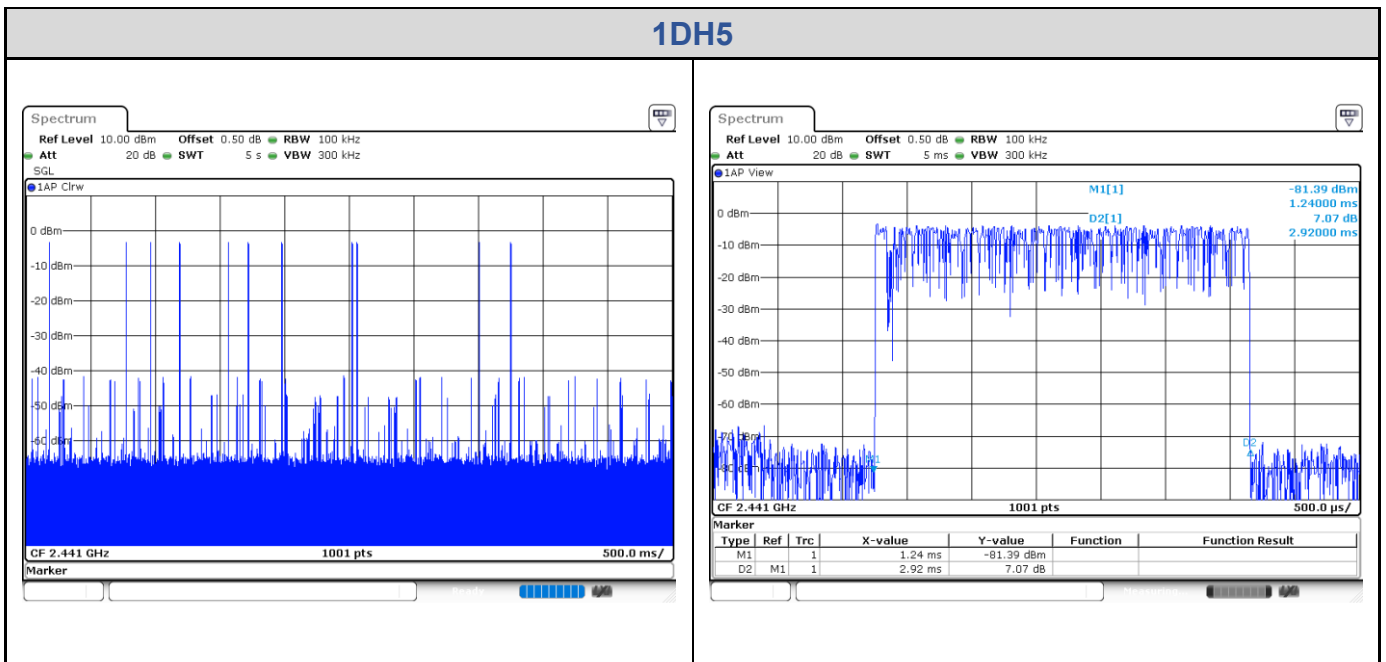
Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5 MHz	79	≥15	Pass



Test Result of Dwell Time

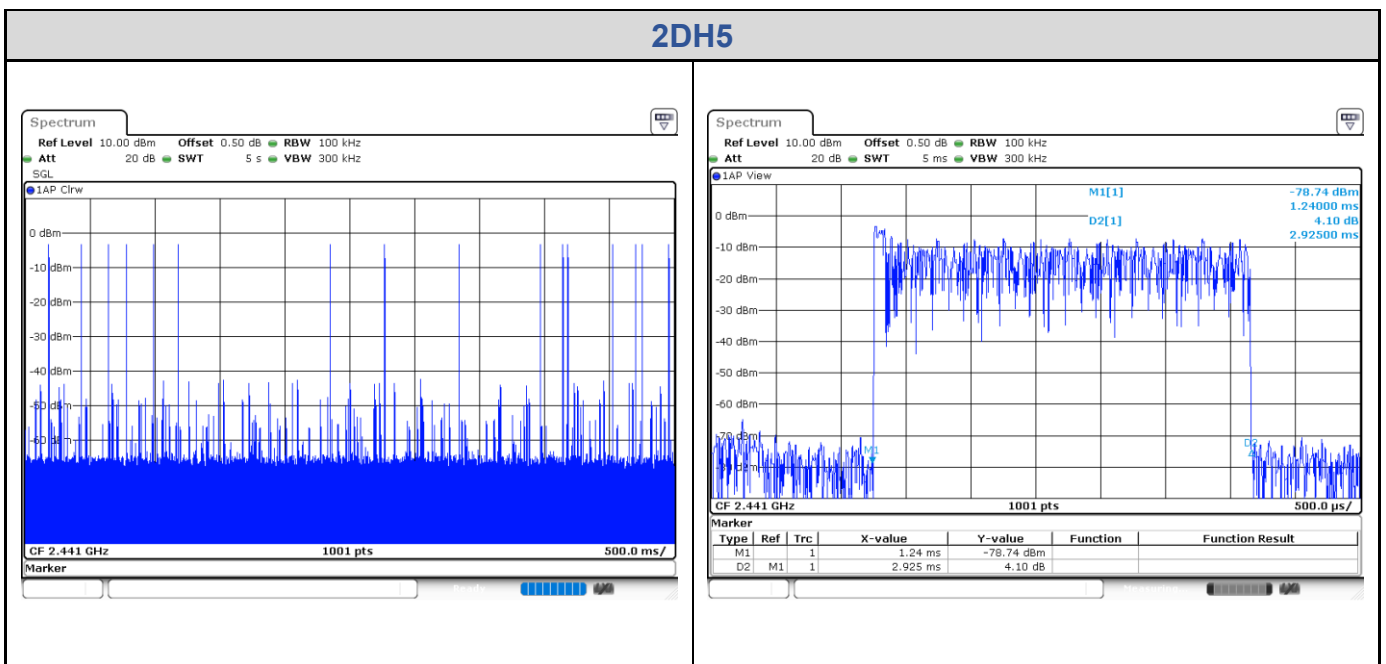
GFSK

Data Mode	Number of transfer in a 31.6 (79Hopping*0.4s)	Package transfer time (msec)	Dwell time (s)	Limit (s)	Result
1DH5	11 (times / 5 sec) * 6.32 = 69.52 times	2.92	0.20	0.4	Pass



π/4-DQPSK

Data Mode	Number of transfer in a 31.6 (79Hopping*0.4s)	Package transfer time (msec)	Dwell time (s)	Limit (s)	Result
2DH5	16 (times / 5 sec) * 6.32 = 101.12 times	2.93	0.30	0.4	Pass

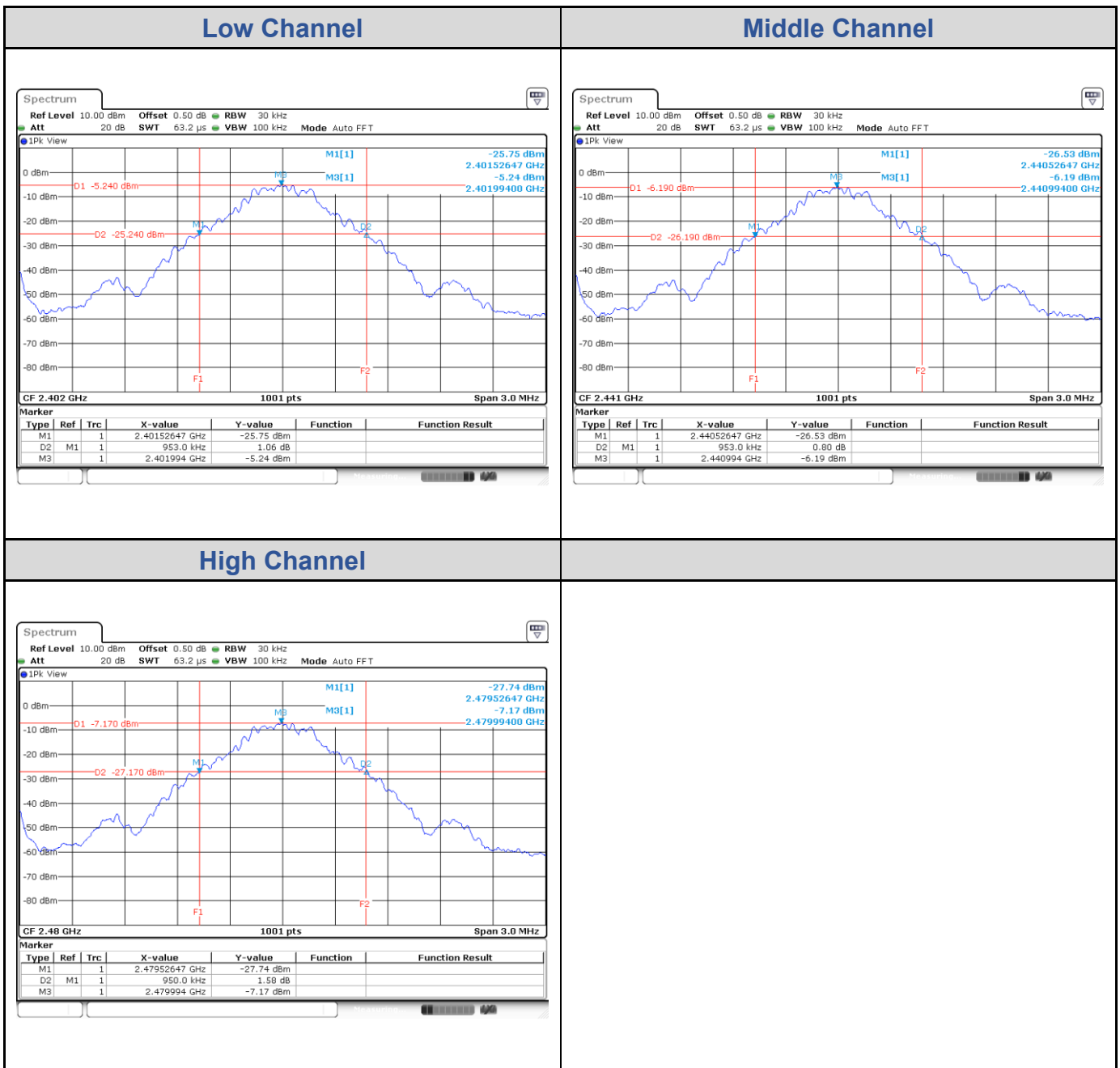


Right Ear

Test Result of 20 dB Bandwidth

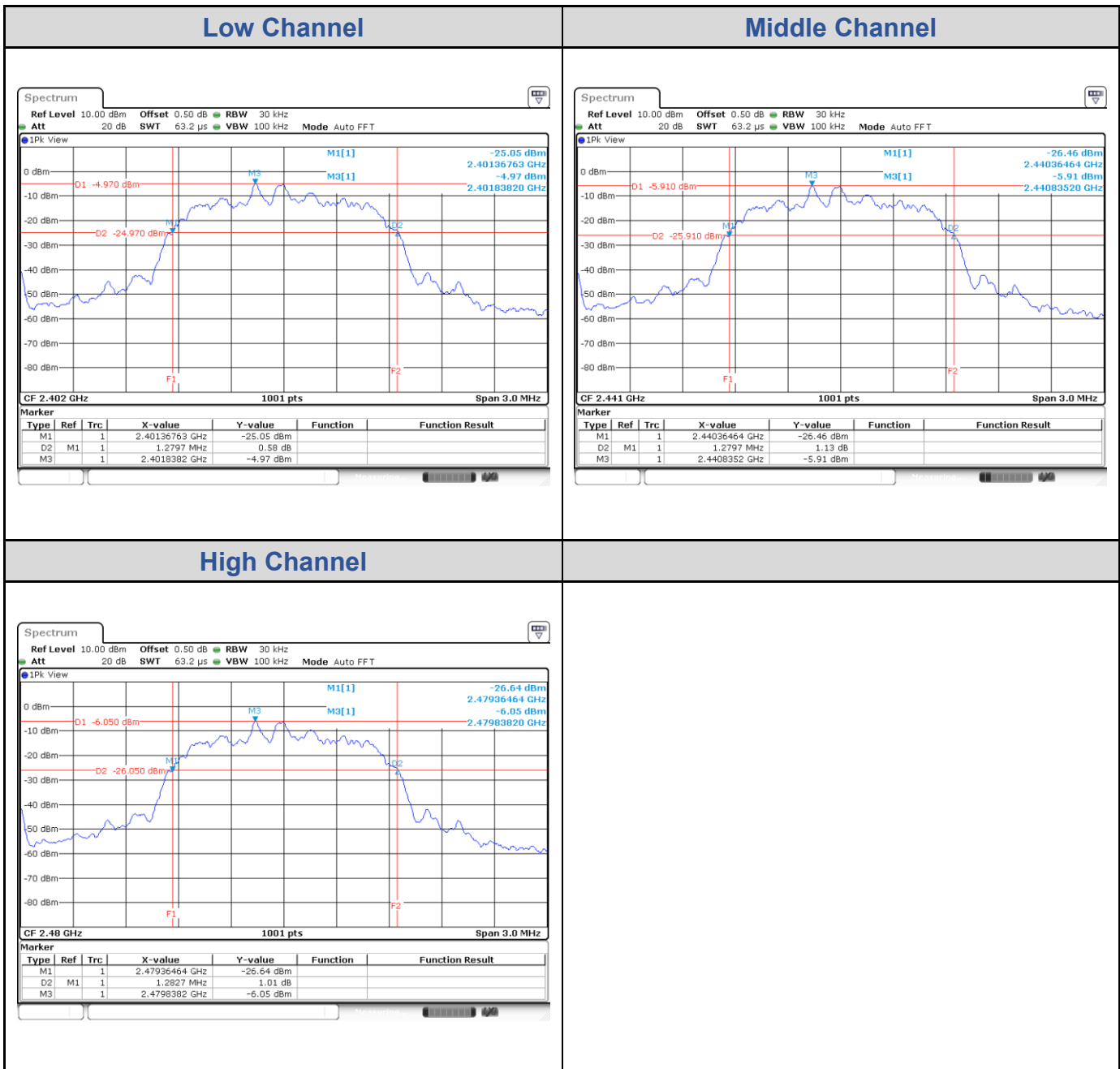
GFSK

Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)
Low Channel	2402	953.00
Middle Channel	2441	953.00
High Channel	2480	950.00



π/4-DQPSK

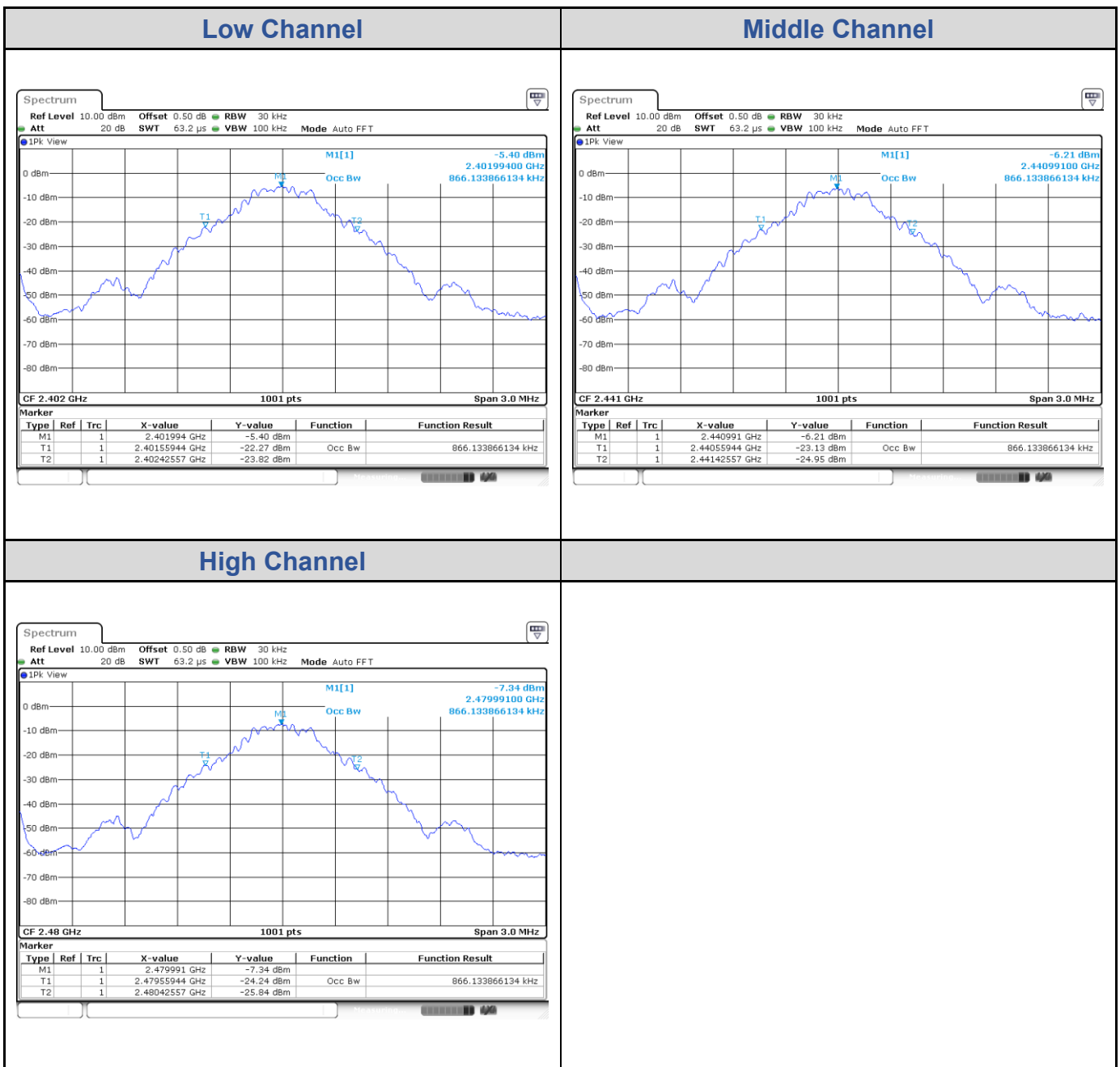
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)
Low Channel	2402	1279.70
Middle Channel	2441	1279.70
High Channel	2480	1282.70



Test Result of 99% Occupied Bandwidth

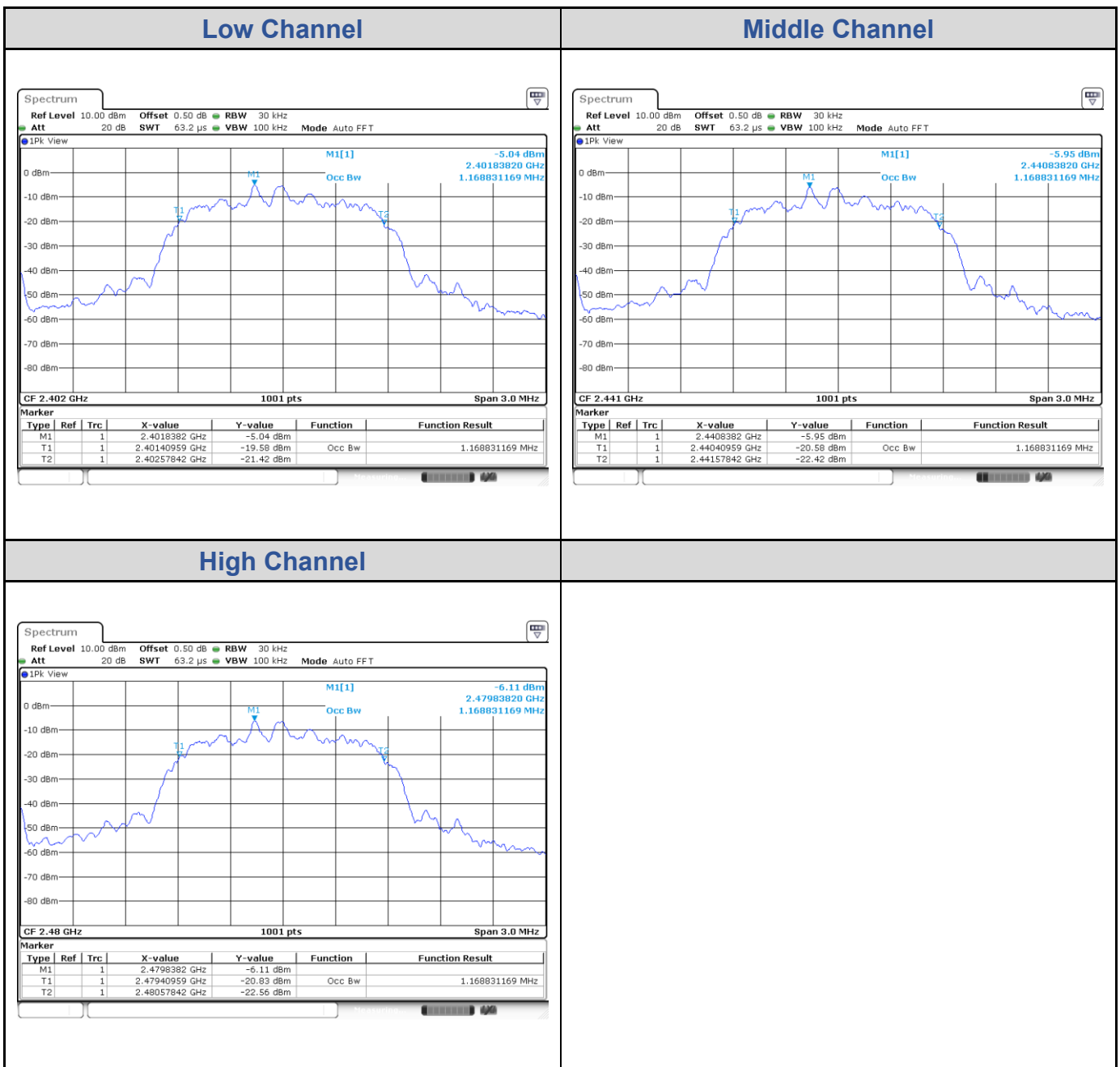
GFSK

Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)
Low Channel	2402	866.13
Middle Channel	2441	866.13
High Channel	2480	866.13



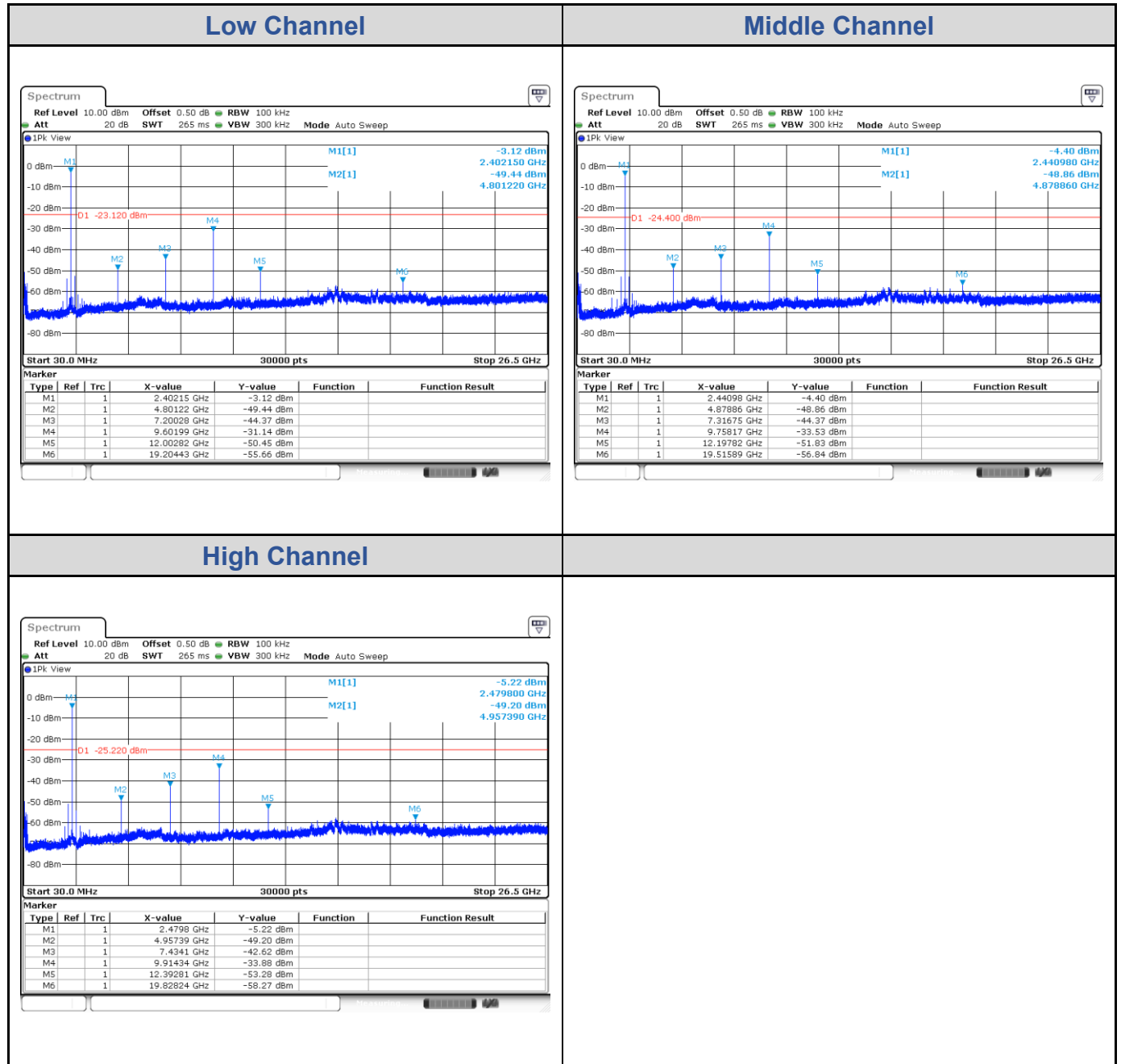
$\pi/4$ -DQPSK

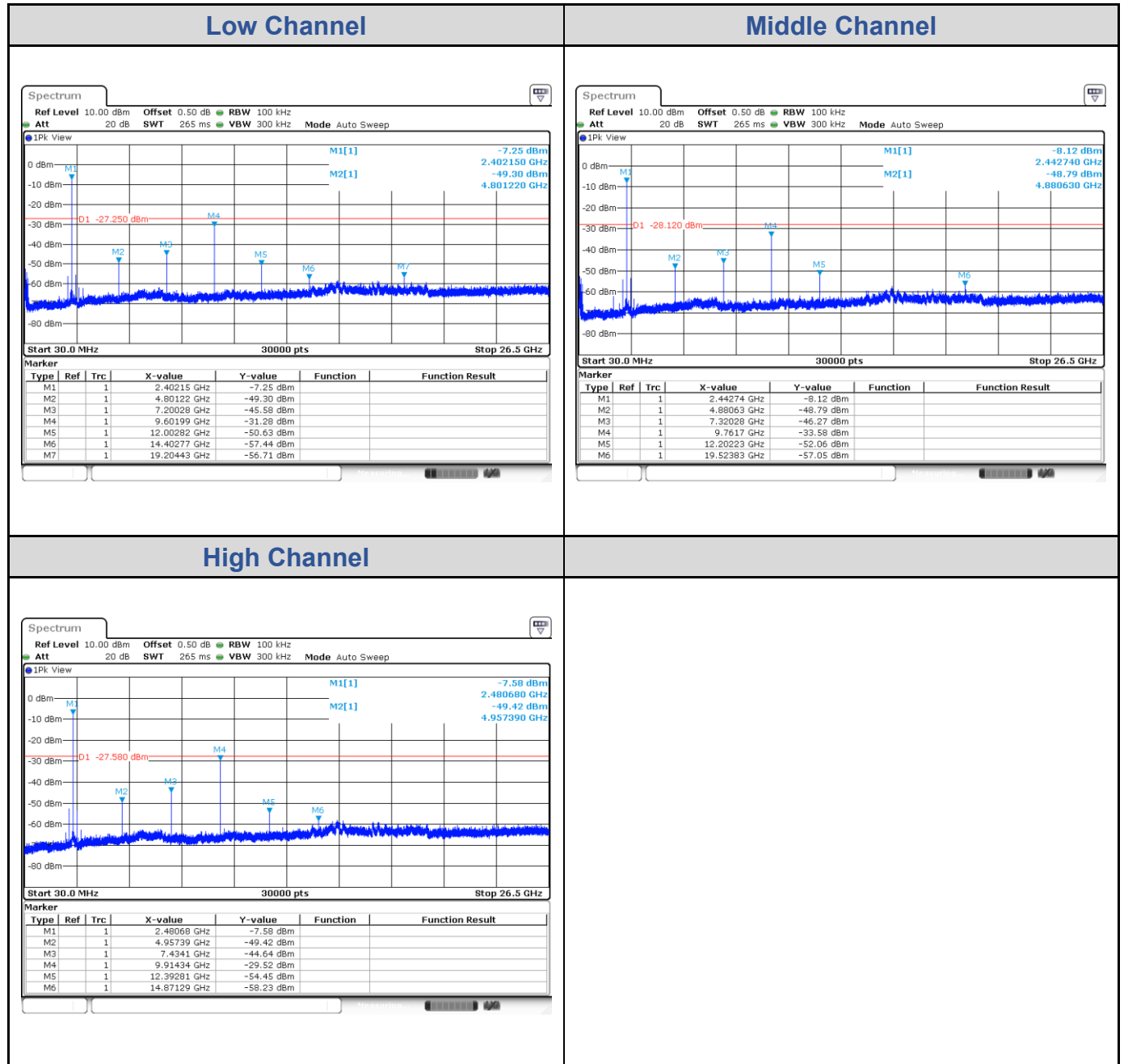
Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)
Low Channel	2402	1168.83
Middle Channel	2441	1168.83
High Channel	2480	1168.83



Test Result of Conducted Spurious Emissions, Tx Mode

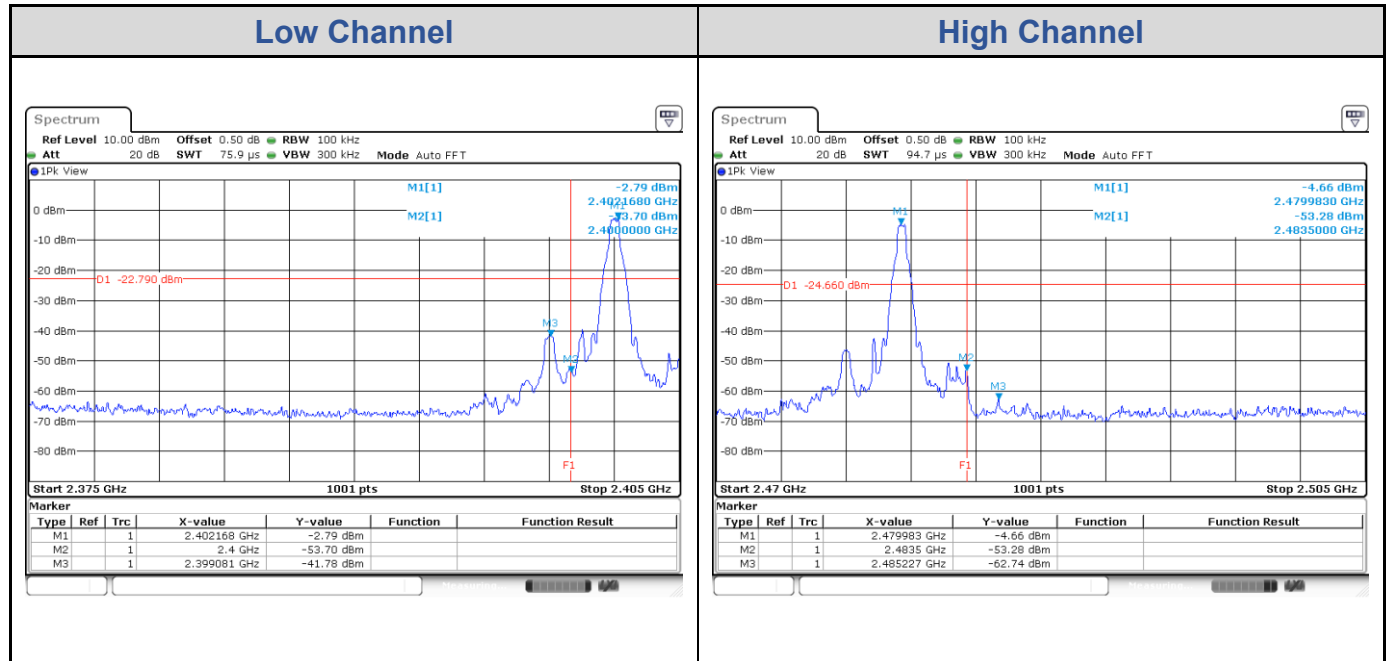
GFSK



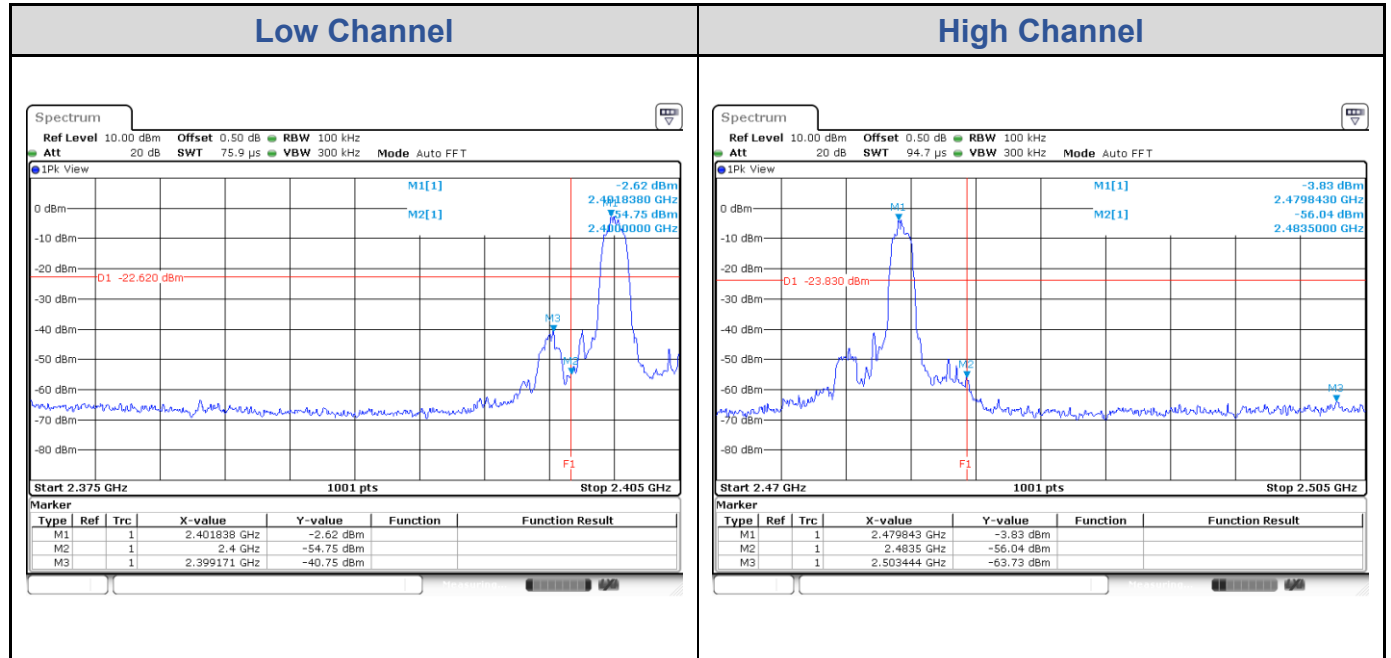
$\pi/4$ -DQPSK


Test Result of Conducted Band Edge, Tx Mode

GFSK

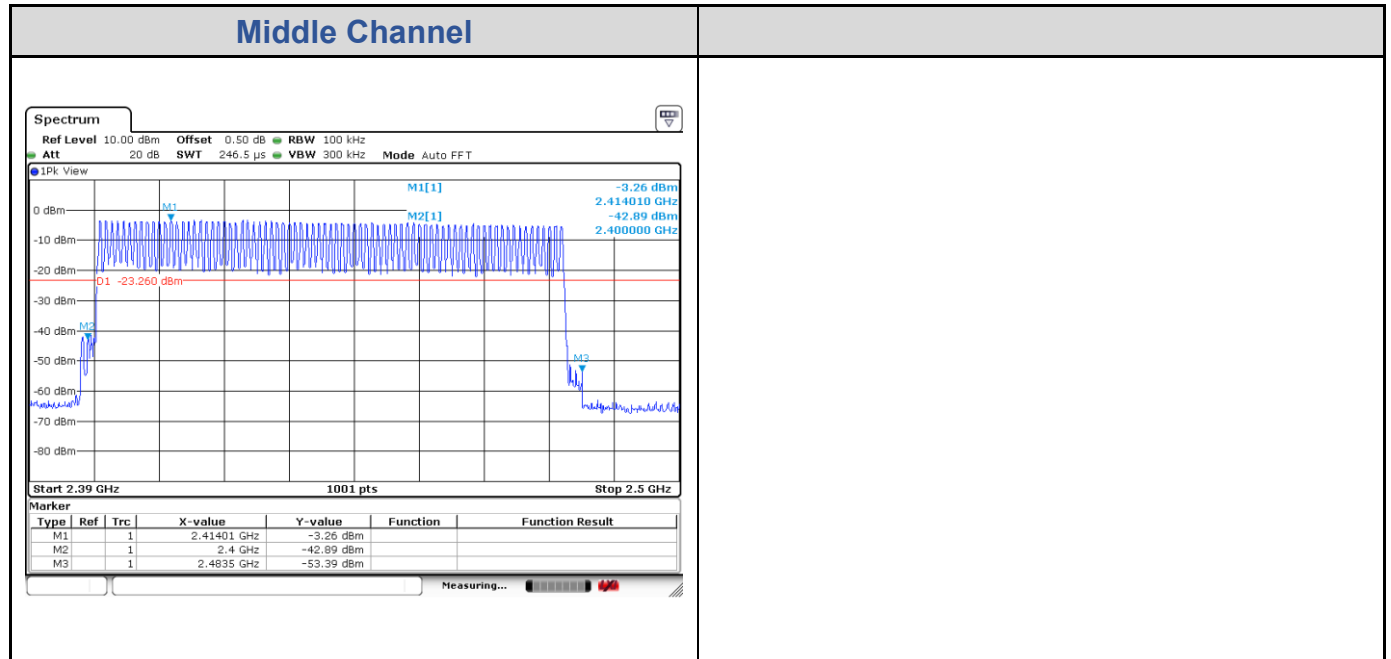


π/4-DQPSK

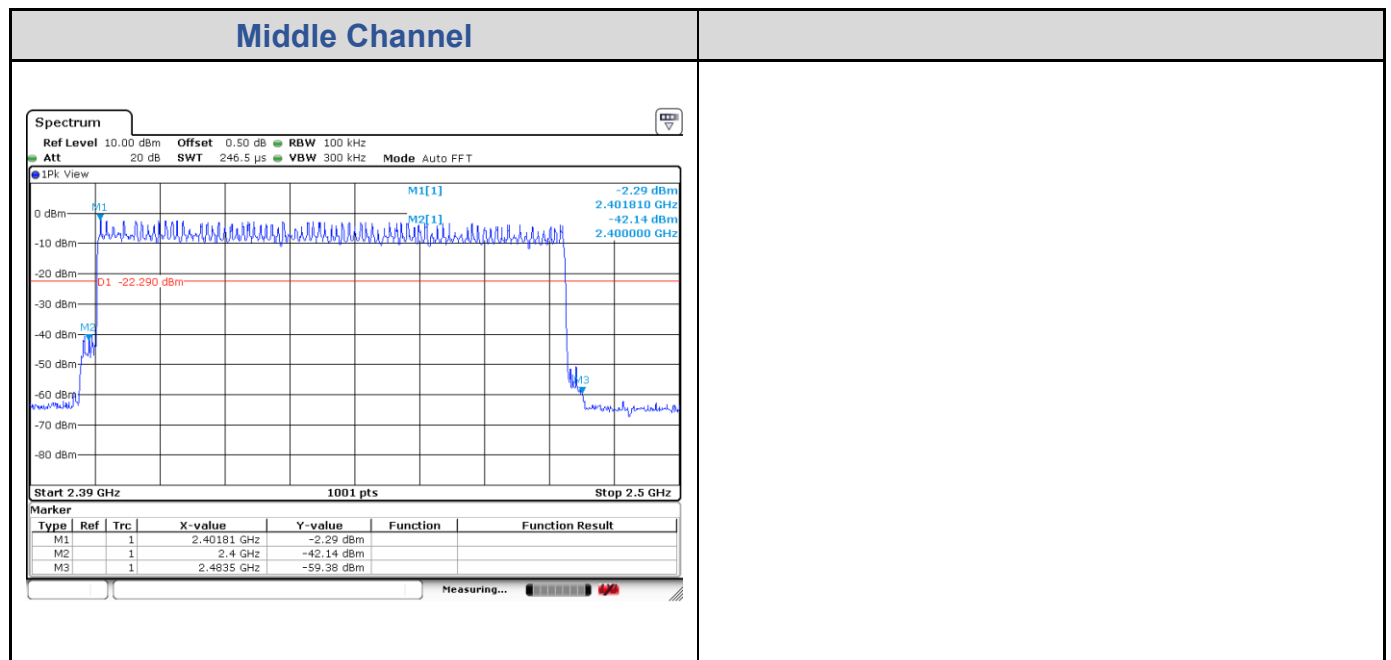


Test Result of Hopping Band Edge

GFSK



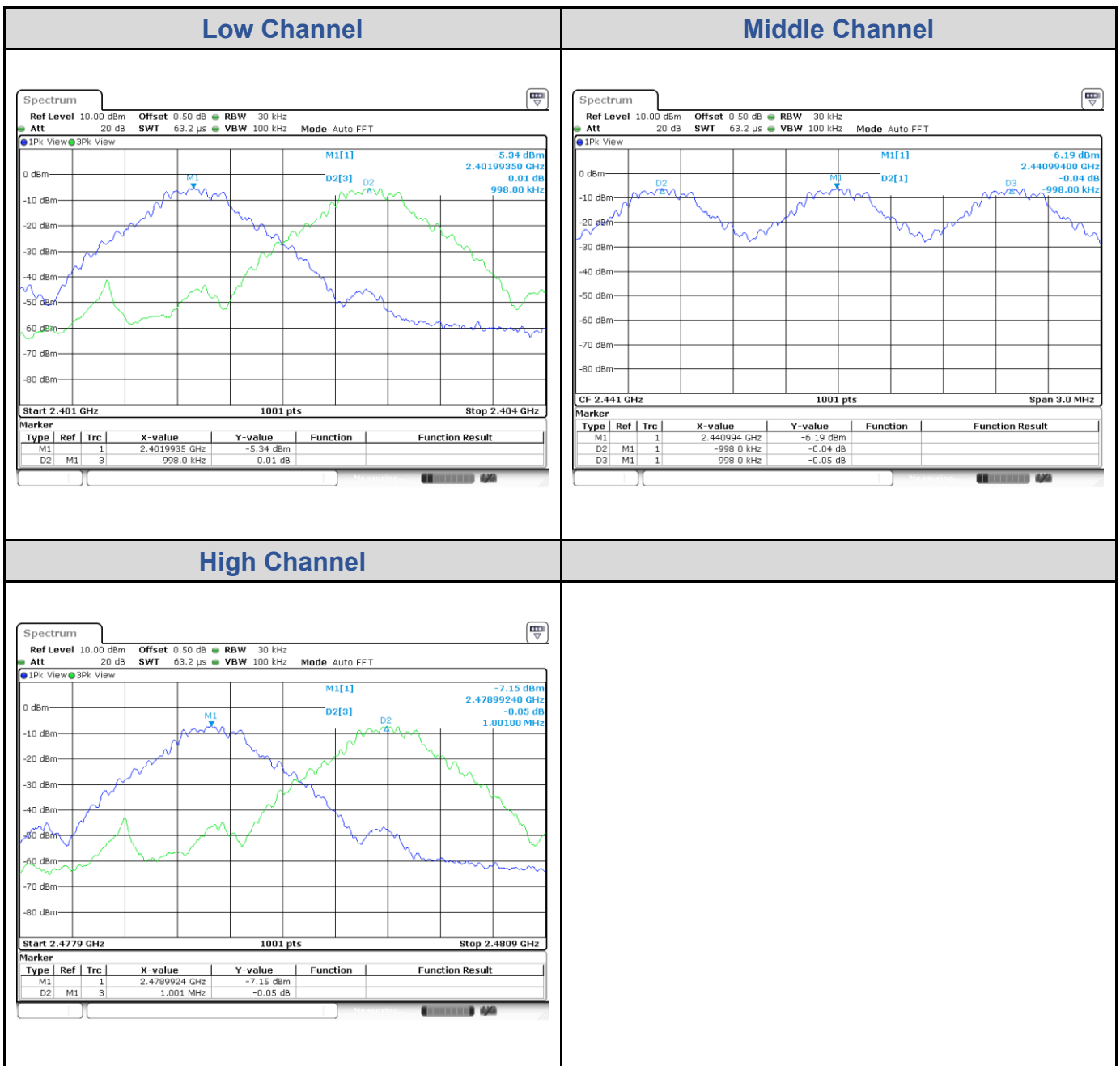
$\pi/4$ -DQPSK



Test Result of Hopping Channel Separation

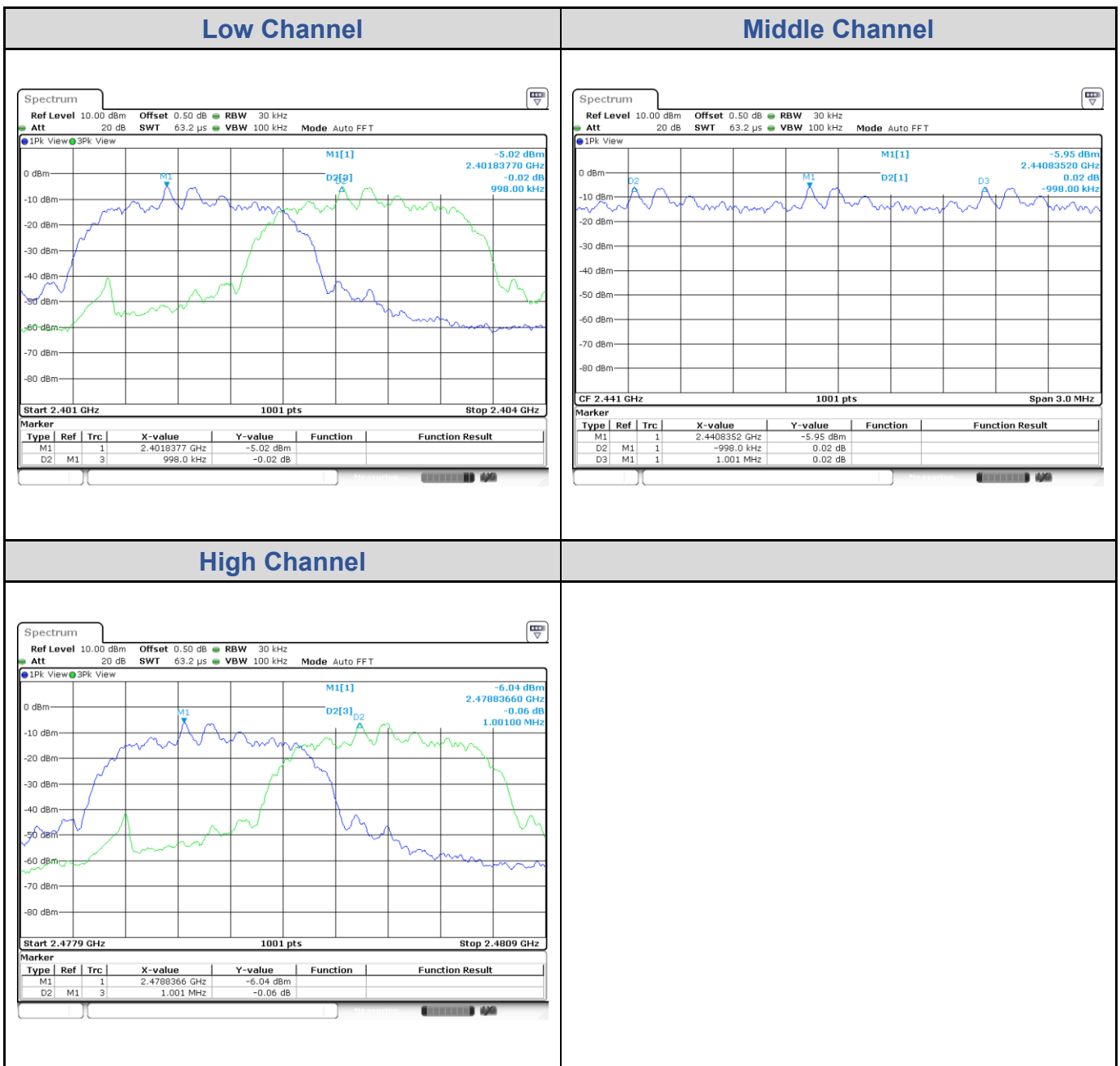
GFSK

Channel	Channel Frequency (MHz)	Adjacent Channel Separation (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (MHz)	Result
0	2402	1.00	953.00	0.64	Pass
39	2441	1.00	953.00	0.64	Pass
78	2480	1.00	950.00	0.63	Pass



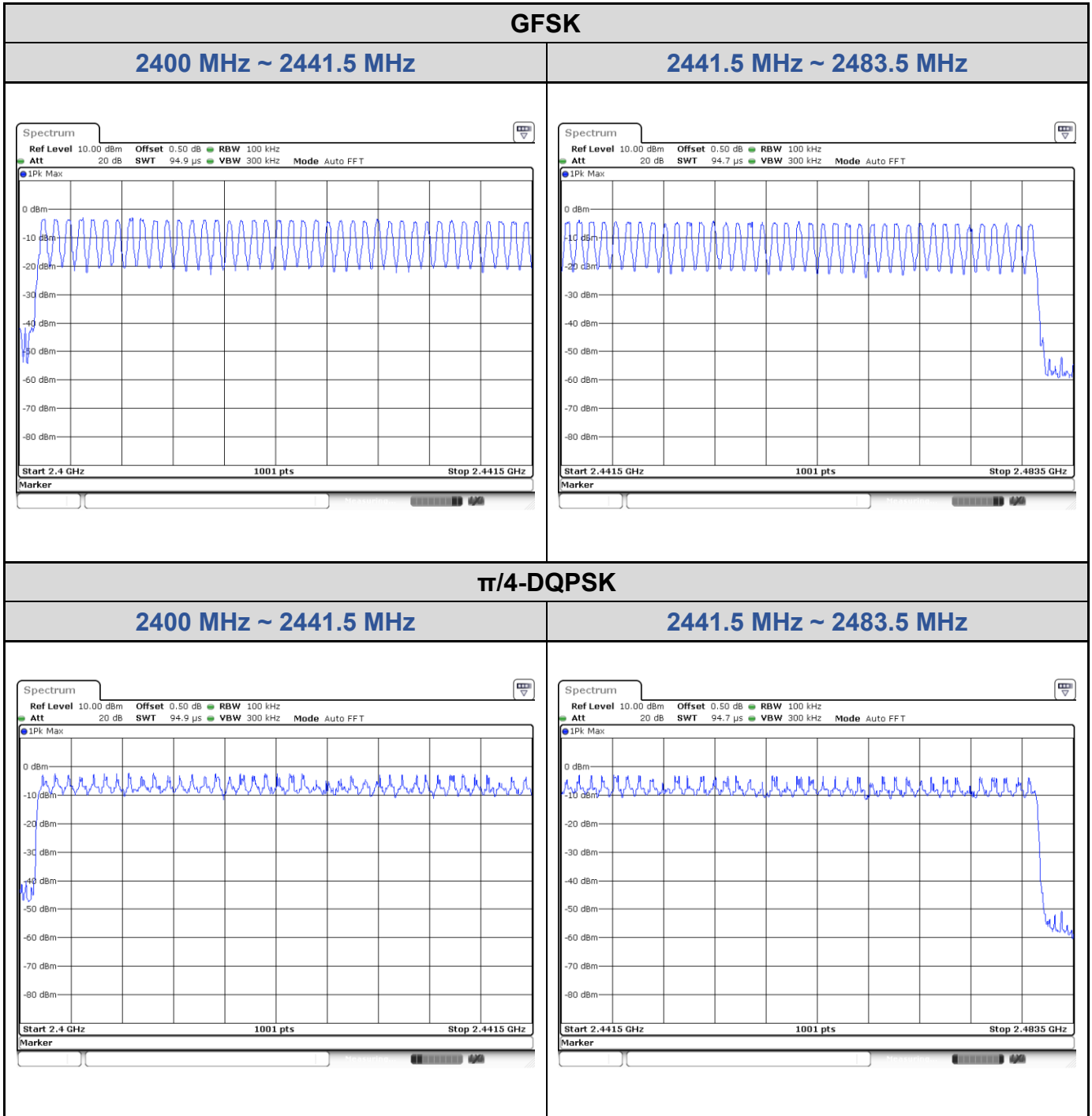
$\pi/4$ -DQPSK

Channel	Channel Frequency (MHz)	Adjacent Channel Separation (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (MHz)	Result
0	2402	1.00	1279.70	0.85	Pass
39	2441	1.00	1279.70	0.85	Pass
78	2480	1.00	1282.70	0.86	Pass



Test Result of Number of Hopping Frequency

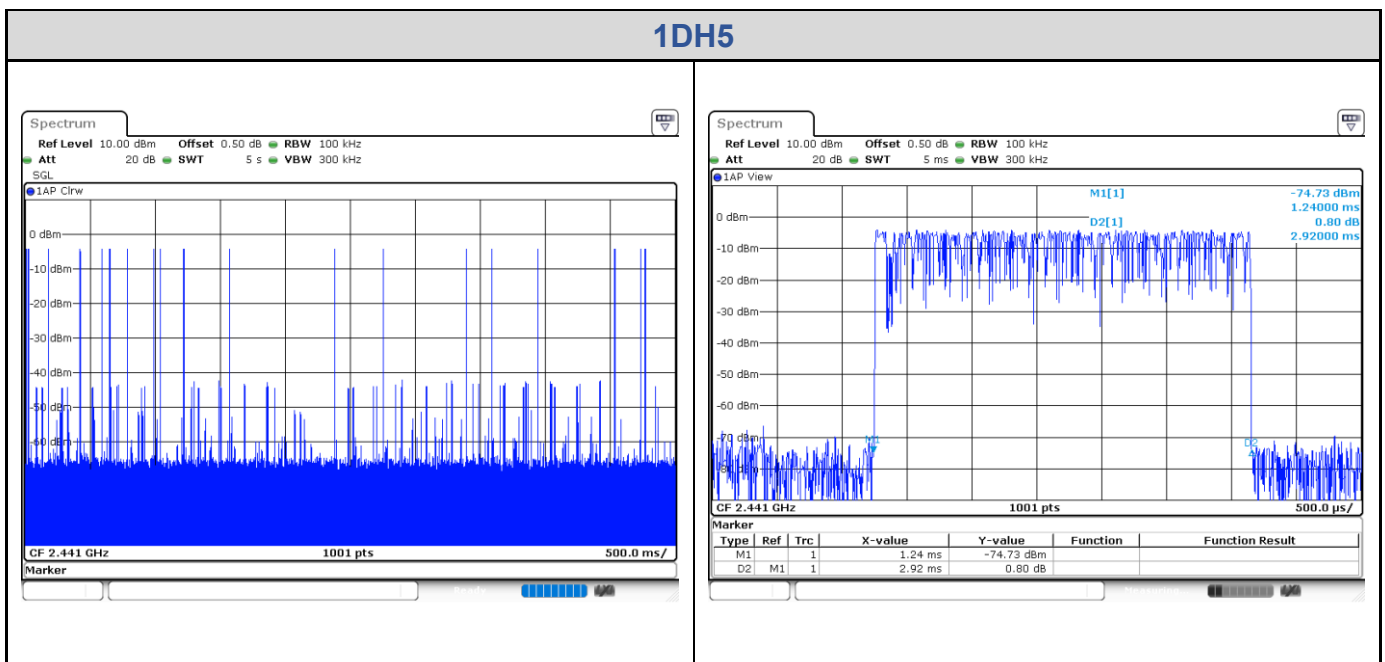
Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5 MHz	79	≥15	Pass



Test Result of Dwell Time

GFSK

Data Mode	Number of transfer in a 31.6 (79Hopping*0.4s)	Package transfer time (msec)	Dwell time (s)	Limit (s)	Result
1DH5	18 (times / 5 sec) * 6.32 = 113.76 times	2.92	0.33	0.4	Pass



π/4-DQPSK

Data Mode	Number of transfer in a 31.6 (79Hopping*0.4s)	Package transfer time (msec)	Dwell time (s)	Limit (s)	Result
2DH5	17 (times / 5 sec) * 6.32 = 107.44 times	2.93	0.31	0.4	Pass

