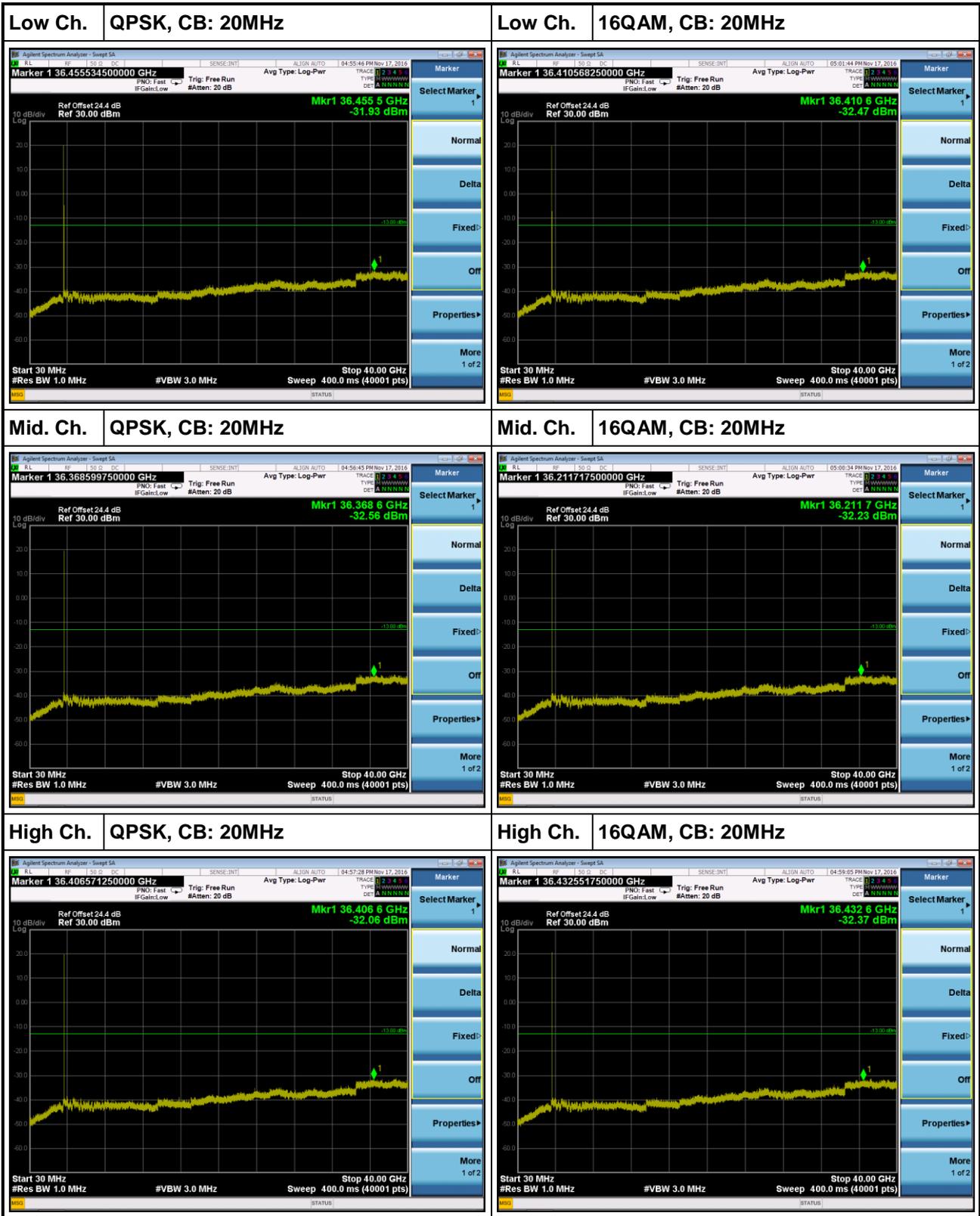


Low Ch.	64QAM, CB: 15MHz	<p style="text-align: center;">---</p>
		<p style="text-align: center;">---</p>
Mid. Ch.	64QAM, CB: 15MHz	<p style="text-align: center;">---</p>
		<p style="text-align: center;">---</p>
High Ch.	64QAM, CB: 15MHz	<p style="text-align: center;">---</p>
		<p style="text-align: center;">---</p>



Low Ch.	64QAM, CB: 20MHz	---
		---
Mid. Ch.	64QAM, CB: 20MHz	---
		---
High Ch.	64QAM, CB: 20MHz	---
		---

3.4 Emission Mask

3.4.1 Limit of Emission Mask

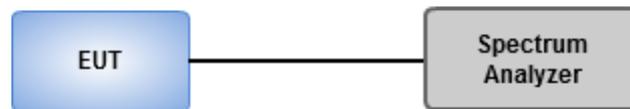
The power of any emission must be attenuated below the unmodulated carrier power (P) as follows.

- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.
- (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least $43 + 10 \log (P)$ dB.

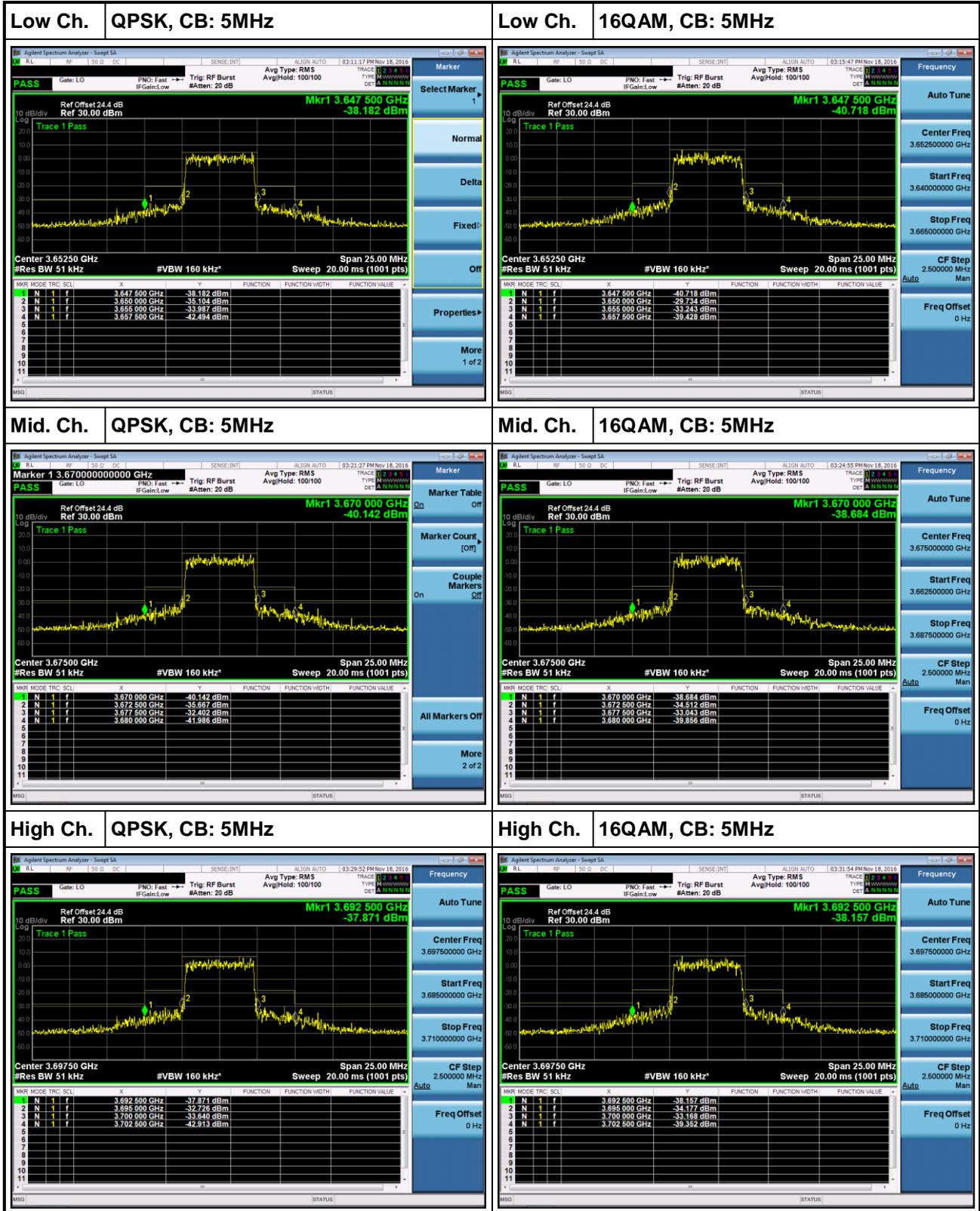
3.4.2 Test Procedures

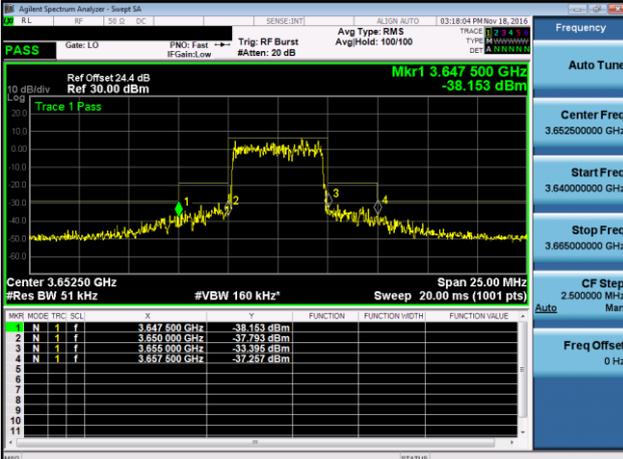
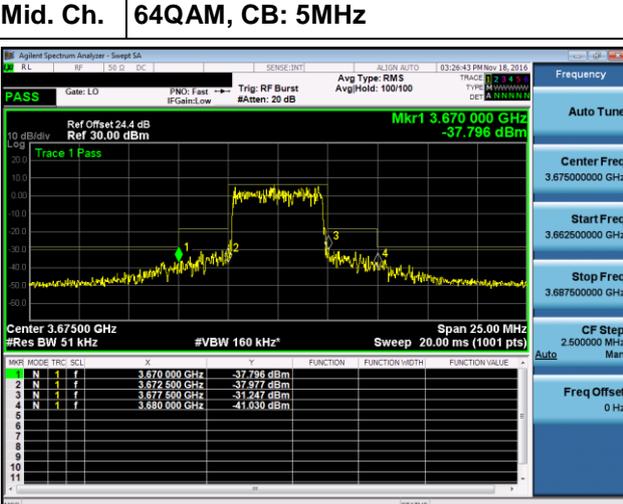
1. Set RBW=1% of 26dBc bandwidth, VBW=3 X RBW, detector=RMS, Sweep time = Auto.
2. Set EUT to transmit modulation signal to spectrum analyzer and confirm that the signal complies the limit or not.
3. Record the max trace value and capture the test plot.

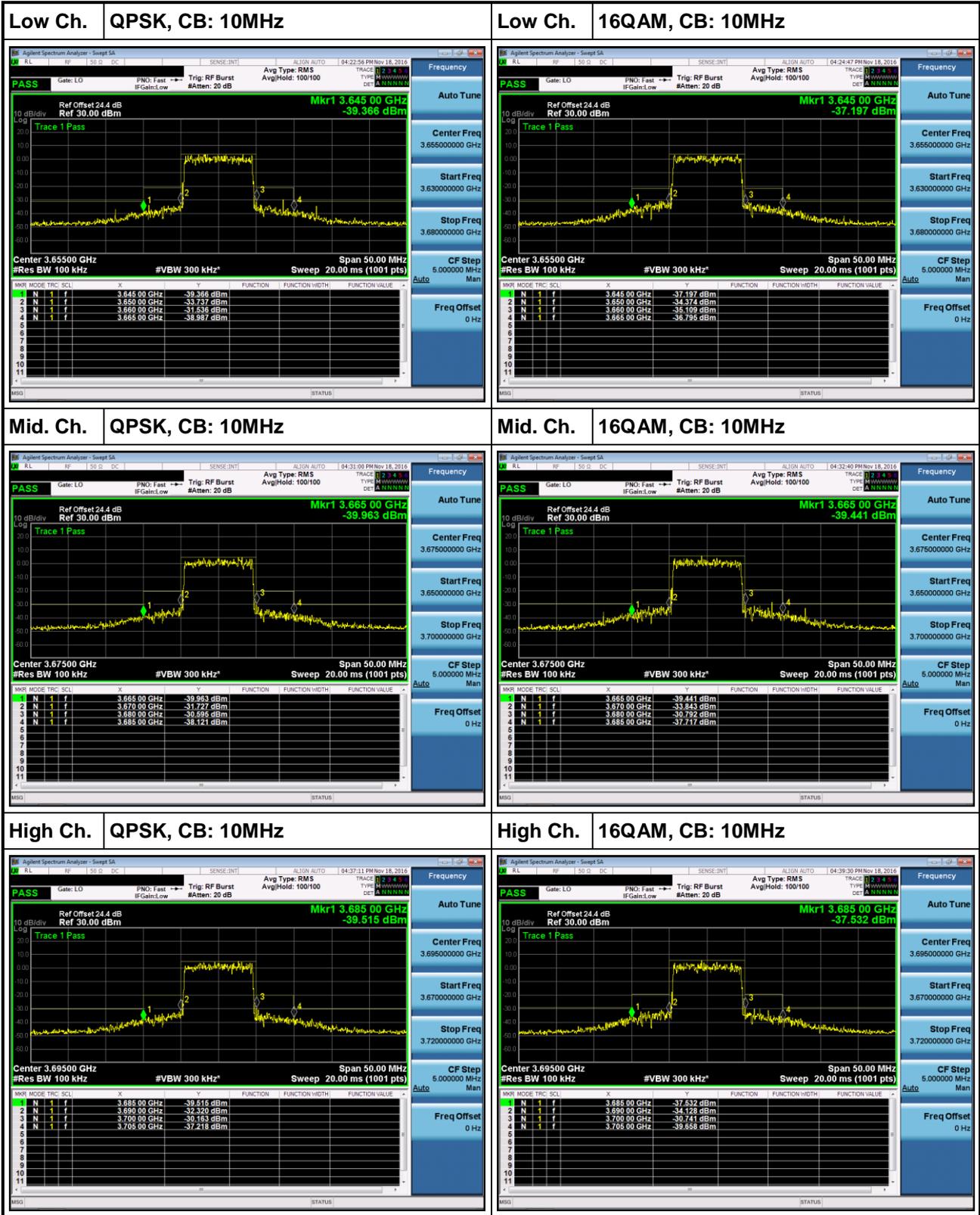
3.4.3 Test Setup

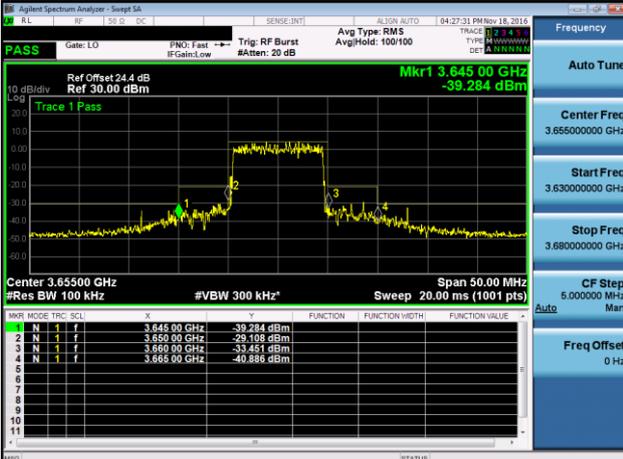


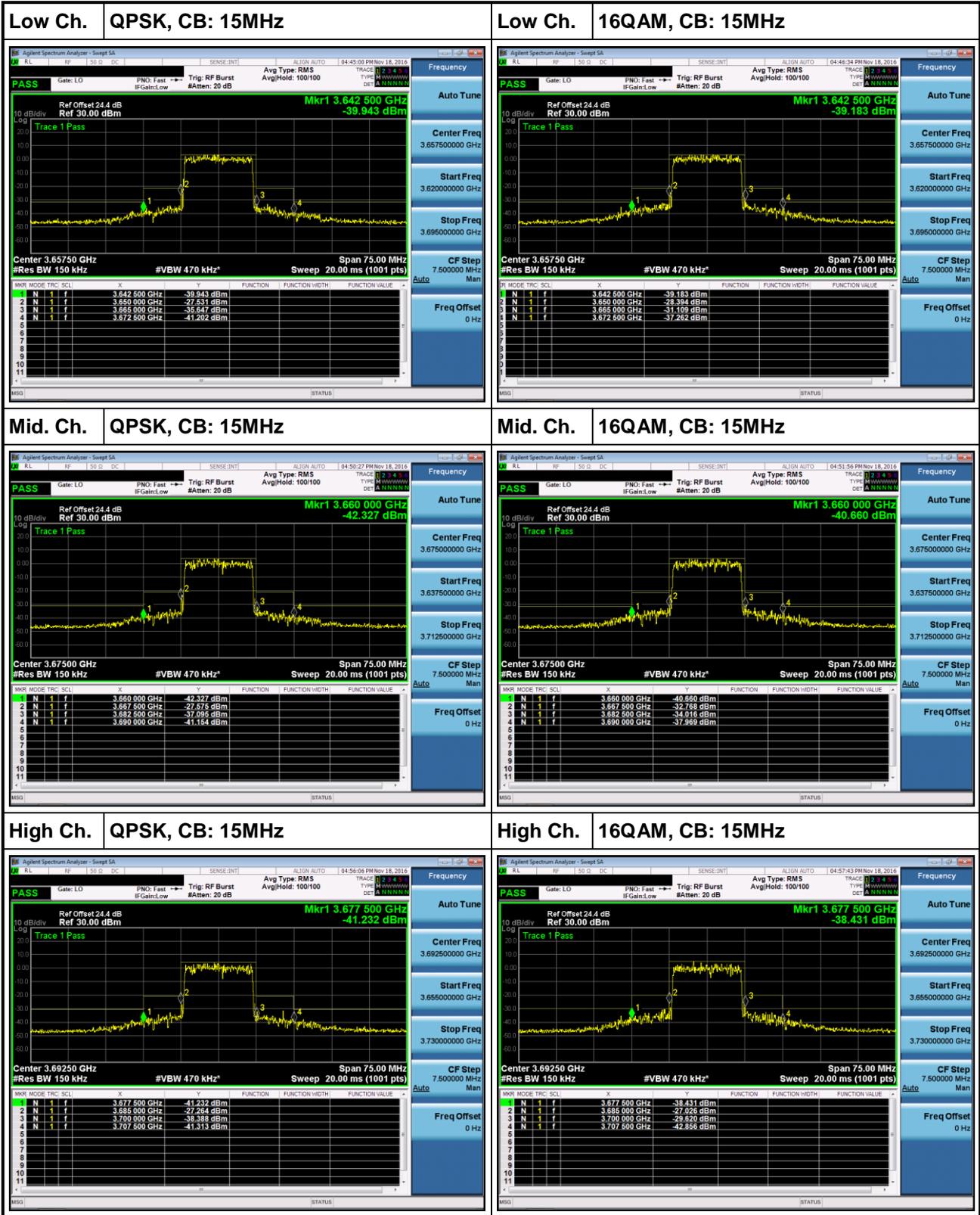
3.4.4 Test Result of Emission Mask

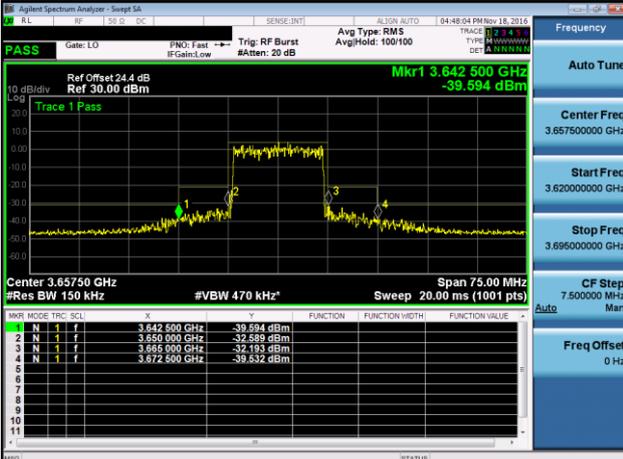


Low Ch.	64QAM, CB: 5MHz	---																																													
	<p>Agilent Spectrum Analyzer - Sweep SA</p> <p>PASS Gate: LO PNO: Fast Trig: RF Burst Avg Type: RMS Avg/Hold: 100/100</p> <p>Ref Offset: 24.4 dB Ref: 30.00 dBm</p> <p>Mkr1 3.647 500 GHz -38.153 dBm</p> <p>Center 3.65250 GHz #Res BW 51 kHz #VBW 160 kHz Sweep 20.00 ms (1001 pts)</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCN</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>3.647 500 GHz</td> <td>-38.153 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>3.650 000 GHz</td> <td>-37.783 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>3.655 000 GHz</td> <td>-33.396 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>3.657 500 GHz</td> <td>-37.287 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCN	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	3.647 500 GHz	-38.153 dBm				2	N	1	f	3.650 000 GHz	-37.783 dBm				3	N	1	f	3.655 000 GHz	-33.396 dBm				4	N	1	f	3.657 500 GHz	-37.287 dBm				<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 3.65250000 GHz</p> <p>Start Freq 3.64000000 GHz</p> <p>Stop Freq 3.66500000 GHz</p> <p>CF Step 2.500000 MHz Man</p> <p>Freq Offset 0 Hz</p>
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Low Ch.	64QAM, CB: 10MHz	---																																													
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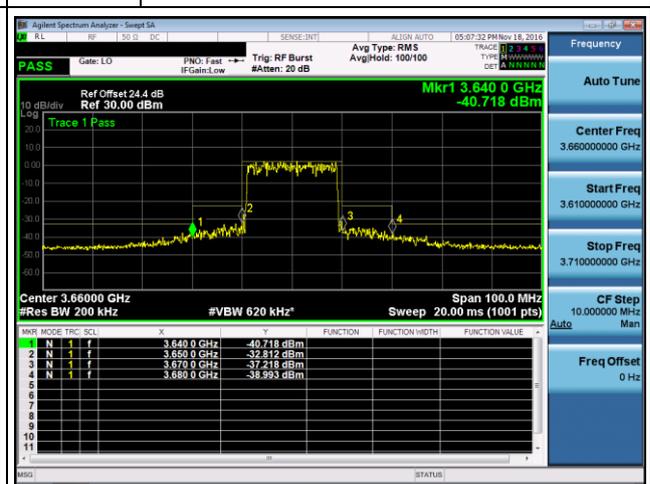


Low Ch.	64QAM, CB: 15MHz	---																																													
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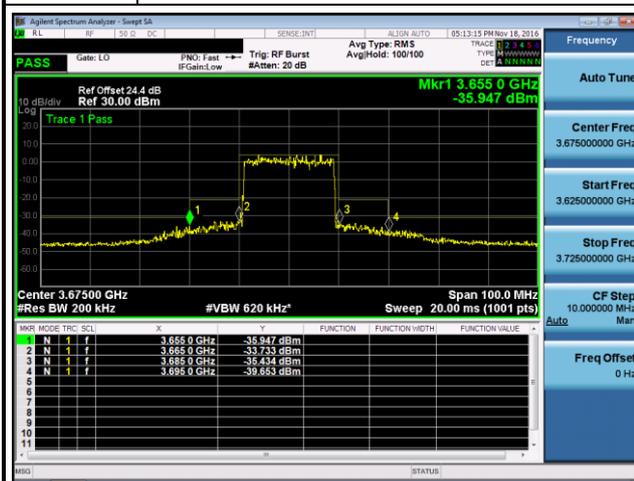
Low Ch. QPSK, CB: 20MHz



Low Ch. 16QAM, CB: 20MHz



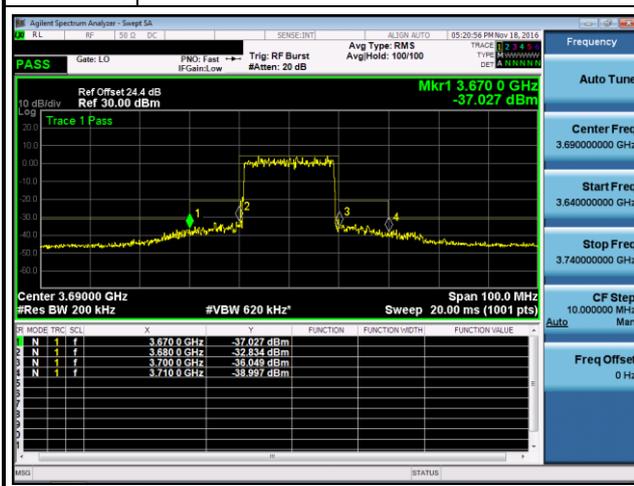
Mid. Ch. QPSK, CB: 20MHz



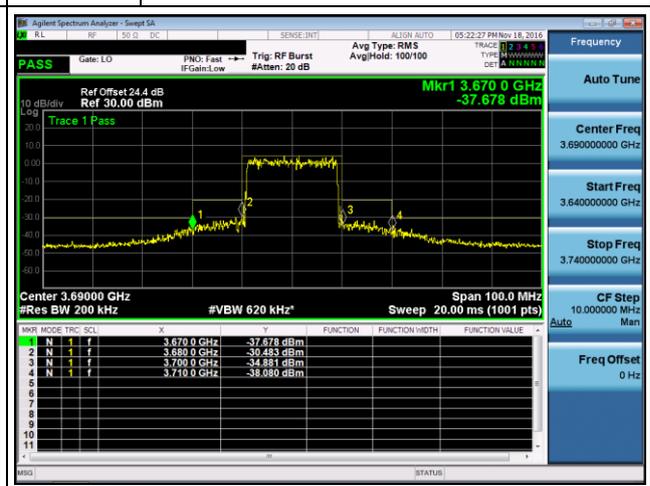
Mid. Ch. 16QAM, CB: 20MHz

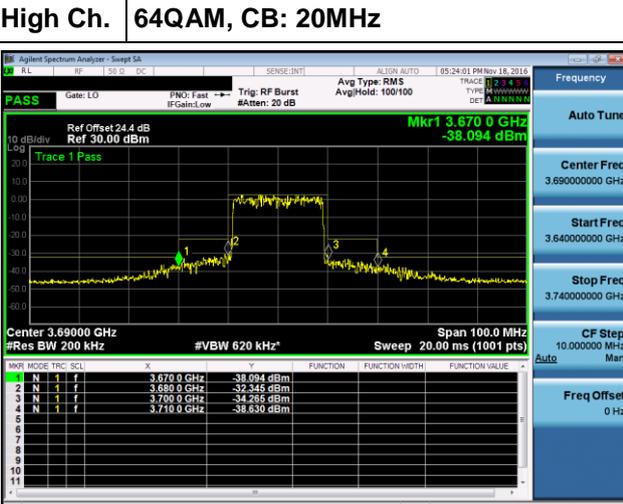


High Ch. QPSK, CB: 20MHz



High Ch. 16QAM, CB: 20MHz



Low Ch.	64QAM, CB: 20MHz	---																																													
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 <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCN</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>3.670 0 GHz</td> <td>-38.084 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>3.680 0 GHz</td> <td>-32.345 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>3.700 0 GHz</td> <td>-34.285 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>3.710 0 GHz</td> <td>-38.630 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		MKR	MODE	TRC	SCN	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	3.670 0 GHz	-38.084 dBm				2	N	1	f	3.680 0 GHz	-32.345 dBm				3	N	1	f	3.700 0 GHz	-34.285 dBm				4	N	1	f	3.710 0 GHz	-38.630 dBm				<p>---</p> <p>---</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 3.69000000 GHz</p> <p>Start Freq 3.64000000 GHz</p> <p>Stop Freq 3.74000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Freq Offset 0 Hz</p> <p>---</p>
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