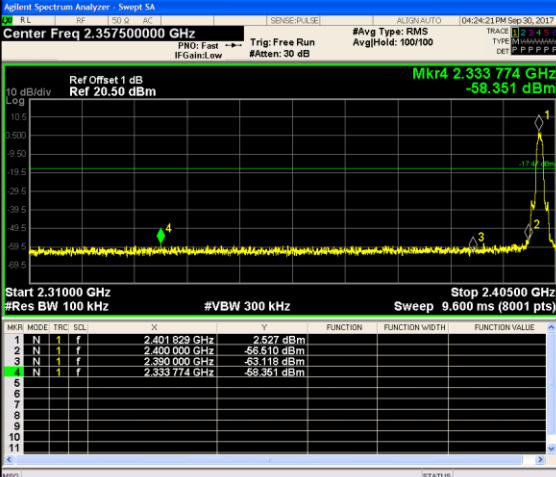
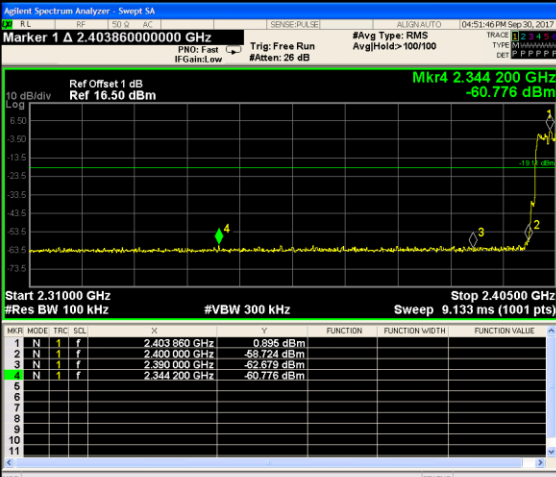
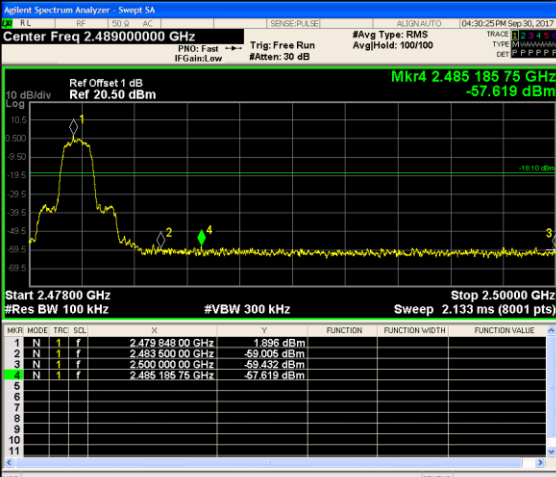
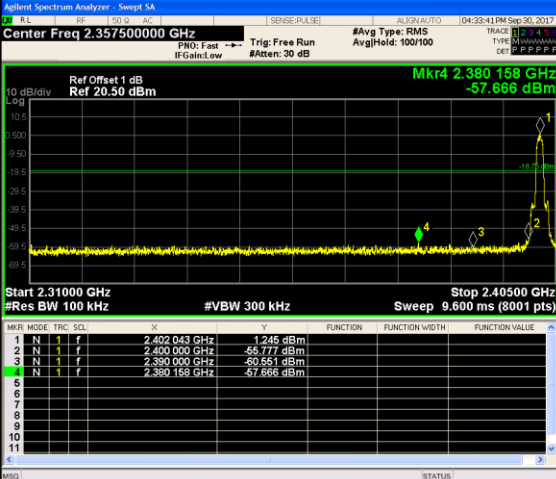
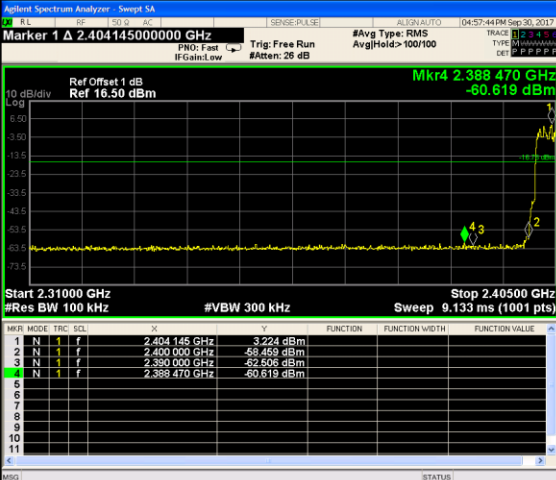
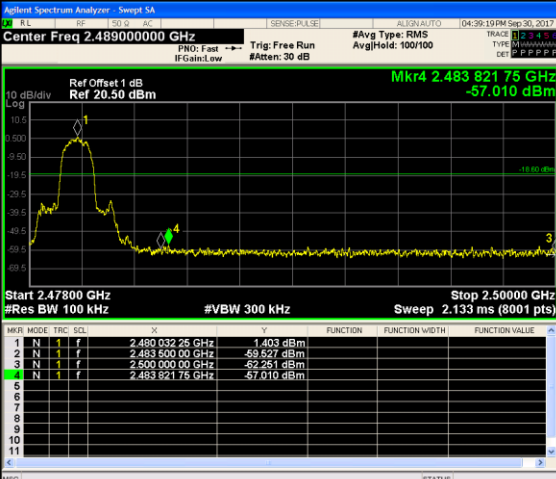


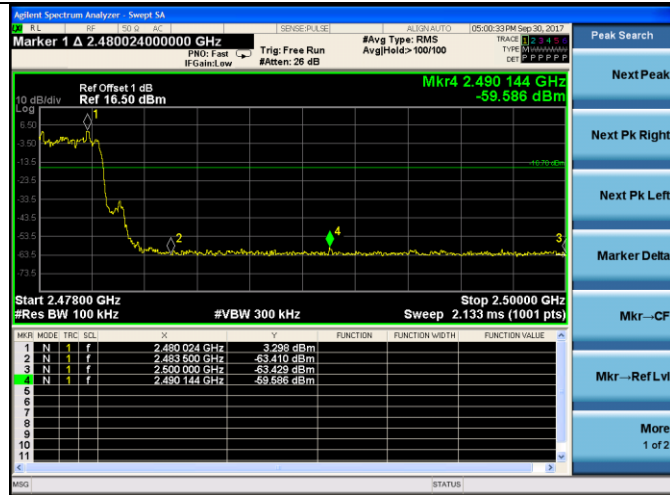
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK
<p>CH00</p> <p>No hopping mode</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.35750000 GHz</p> <p>Start Freq 2.31000000 GHz</p> <p>Stop Freq 2.40500000 GHz</p> <p>CF Step 9.50000 MHz</p> <p>Freq Offset 0 Hz</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.35750000 GHz</p> <p>Start Freq 2.31000000 GHz</p> <p>Stop Freq 2.40500000 GHz</p> <p>CF Step 9.50000 MHz</p> <p>Freq Offset 0 Hz</p>
<p>CH00</p> <p>Hopping mode</p>		<p>Peak Search</p> <p>Next Peak</p> <p>Next Pk Right</p> <p>Next Pk Left</p> <p>Marker Delta</p> <p>Mkr--CF</p> <p>Mkr--Ref Lvl</p> <p>More 1 of 2</p>	<p>Peak Search</p> <p>Next Peak</p> <p>Next Pk Right</p> <p>Next Pk Left</p> <p>Marker Delta</p> <p>Mkr--CF</p> <p>Mkr--Ref Lvl</p> <p>More 1 of 2</p>
<p>CH78</p> <p>No hopping mode</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.48900000 GHz</p> <p>Start Freq 2.47800000 GHz</p> <p>Stop Freq 2.50000000 GHz</p> <p>CF Step 2.20000 MHz</p> <p>Freq Offset 0 Hz</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.48900000 GHz</p> <p>Start Freq 2.47800000 GHz</p> <p>Stop Freq 2.50000000 GHz</p> <p>CF Step 2.20000 MHz</p> <p>Freq Offset 0 Hz</p>

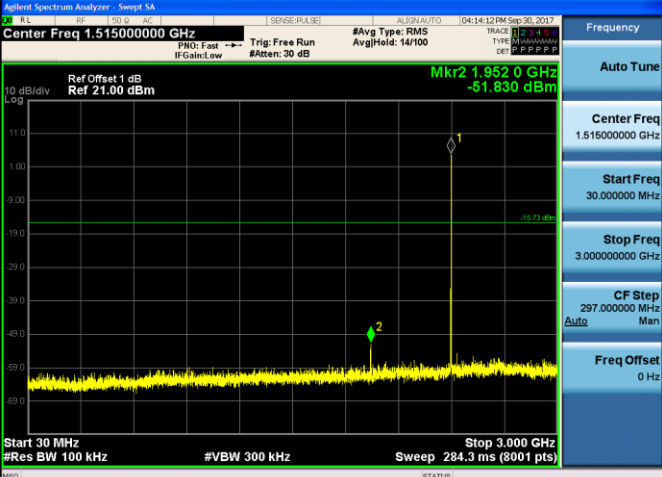

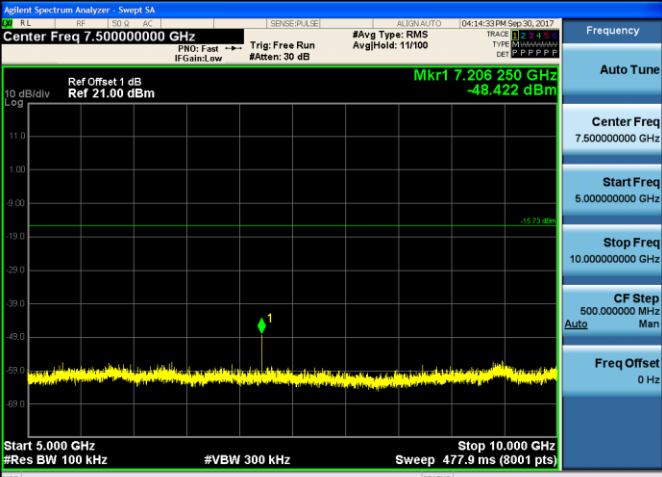
CH78
Hopping mode

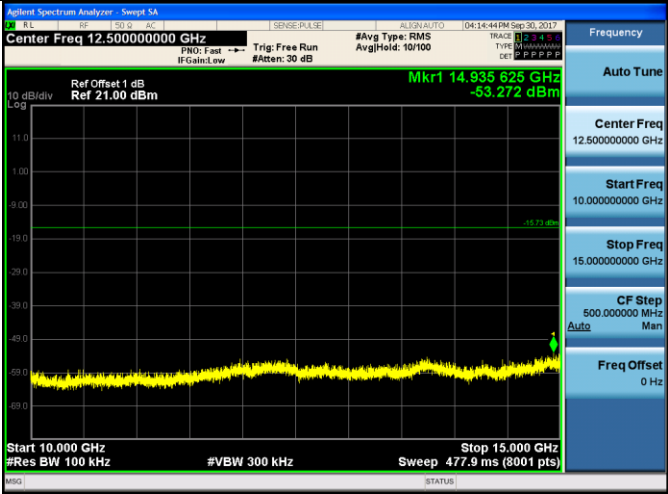

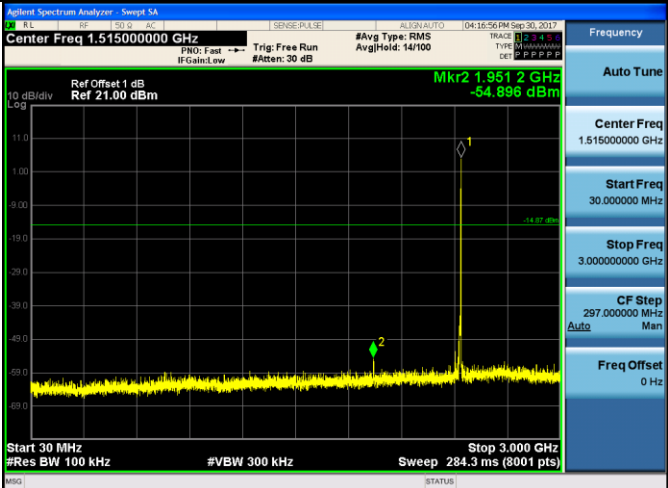


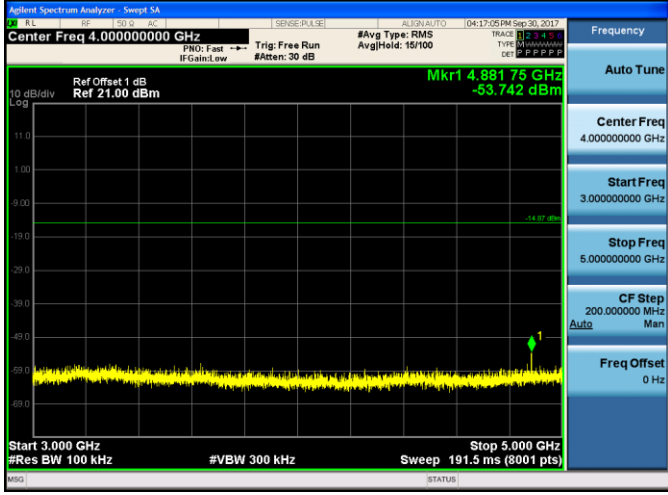
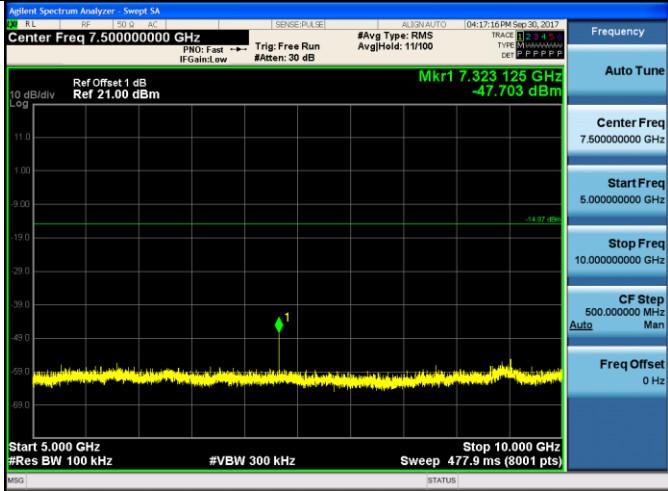
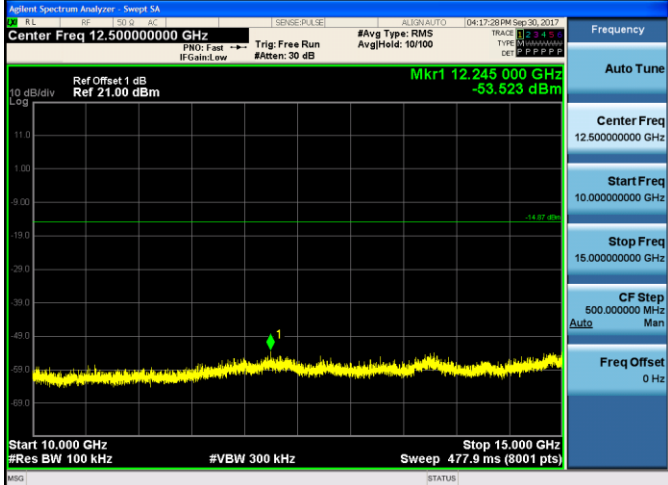
Test Item:	Band edge	Modulation type:	8DPSK																																													
<p>CH00 No hopping mode</p>		 <table border="1" data-bbox="678 548 1236 707"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>2.402043 GHz</td> <td>1.245 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>2.490000 GHz</td> <td>-65.777 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>2.390000 GHz</td> <td>-63.451 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>2.380158 GHz</td> <td>-57.666 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.402043 GHz	1.245 dBm				2	N	1	f	2.490000 GHz	-65.777 dBm				3	N	1	f	2.390000 GHz	-63.451 dBm				4	N	1	f	2.380158 GHz	-57.666 dBm				<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.357500000 GHz</p> <p>Start Freq 2.310000000 GHz</p> <p>Stop Freq 2.405000000 GHz</p> <p>CF Step 9.500000 MHz</p> <p>Freq Offset 0 Hz</p>
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<p>CH78 No hopping mode</p>		 <table border="1" data-bbox="678 1534 1236 1688"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</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>2.48903225 GHz</td> <td>1.403 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>2.48380000 GHz</td> <td>-69.827 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>2.50000000 GHz</td> <td>-62.251 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>2.48382175 GHz</td> <td>-57.010 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.48903225 GHz	1.403 dBm				2	N	1	f	2.48380000 GHz	-69.827 dBm				3	N	1	f	2.50000000 GHz	-62.251 dBm				4	N	1	f	2.48382175 GHz	-57.010 dBm				<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.489000000 GHz</p> <p>Start Freq 2.478000000 GHz</p> <p>Stop Freq 2.500000000 GHz</p> <p>CF Step 2.200000 MHz</p> <p>Freq Offset 0 Hz</p>
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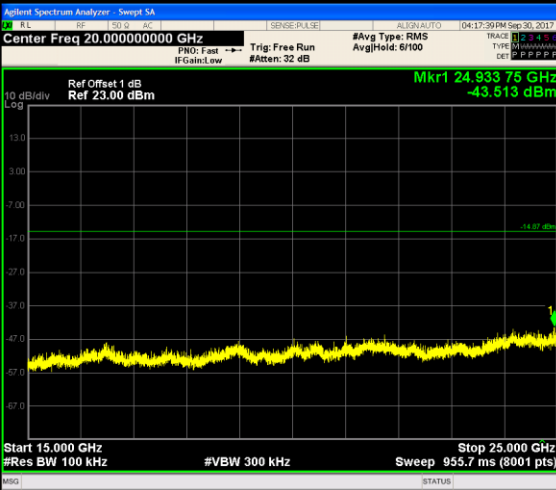
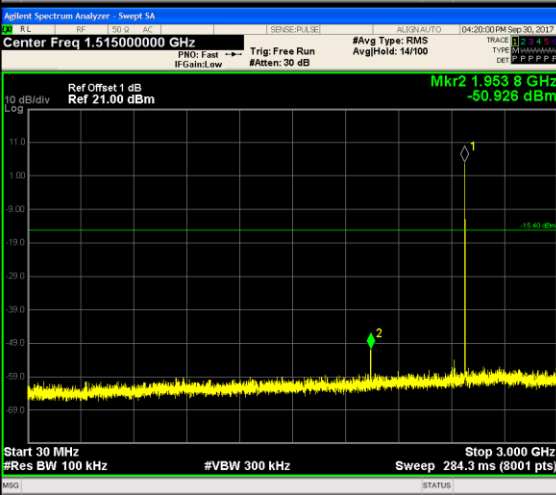
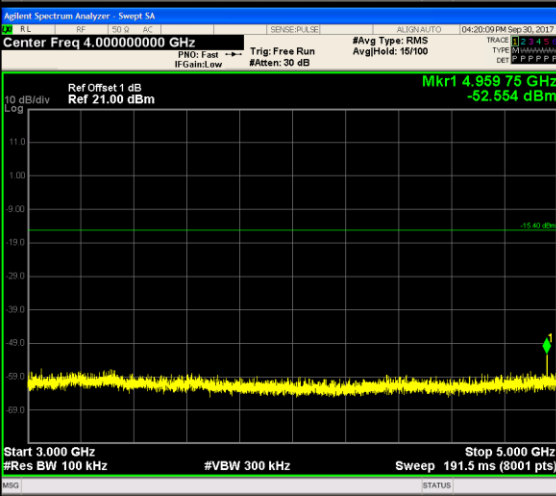
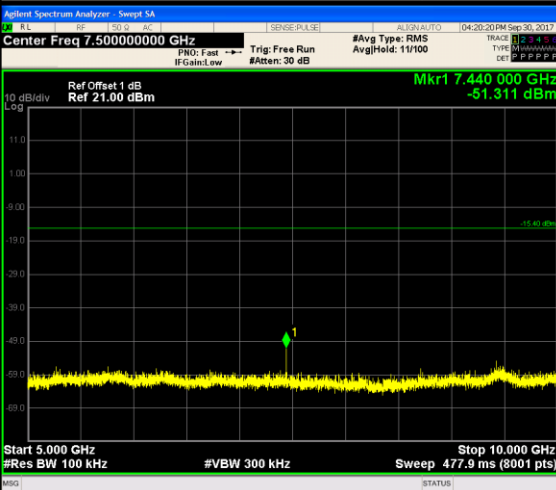
CH78
Hoppig mode

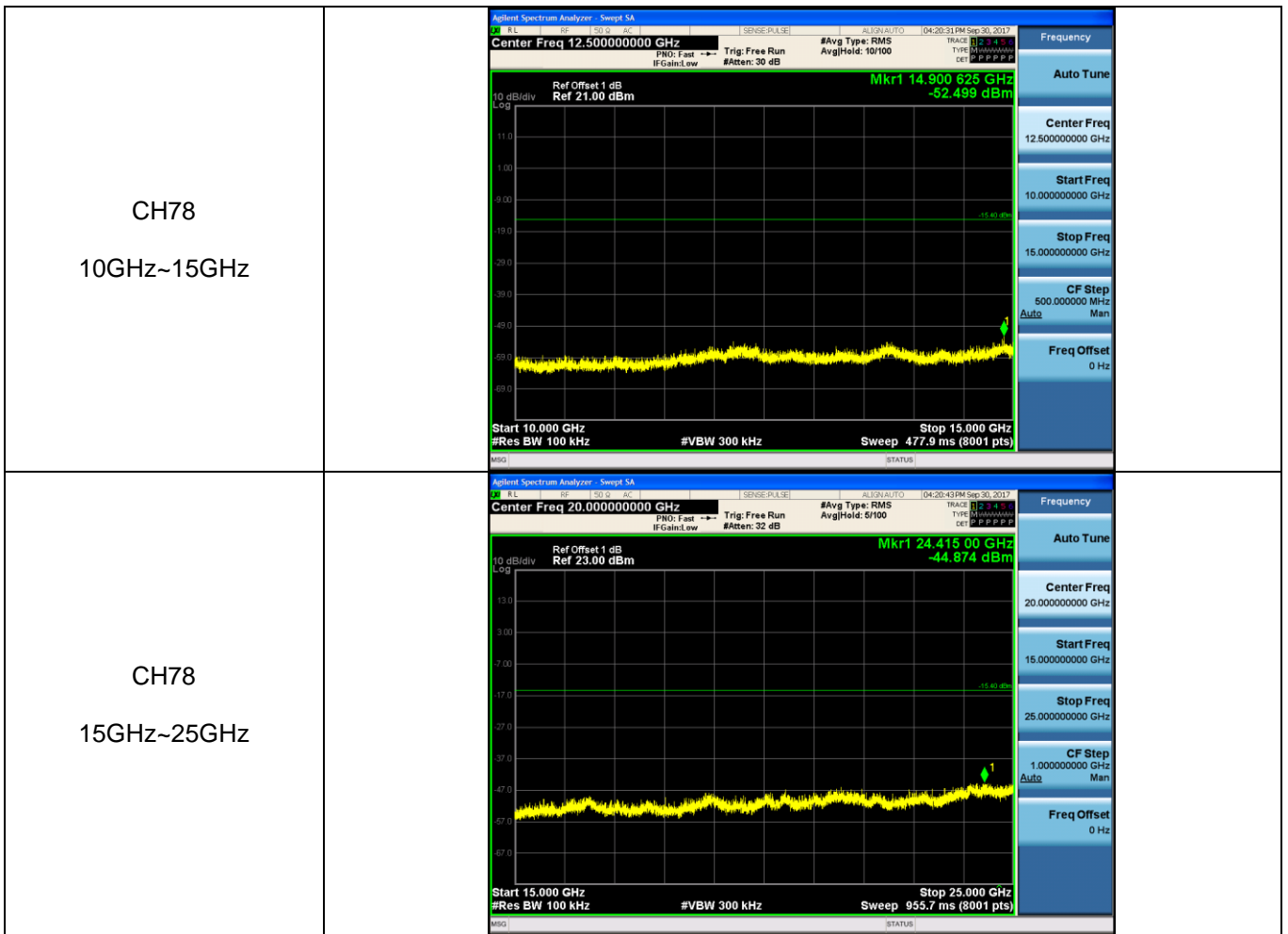


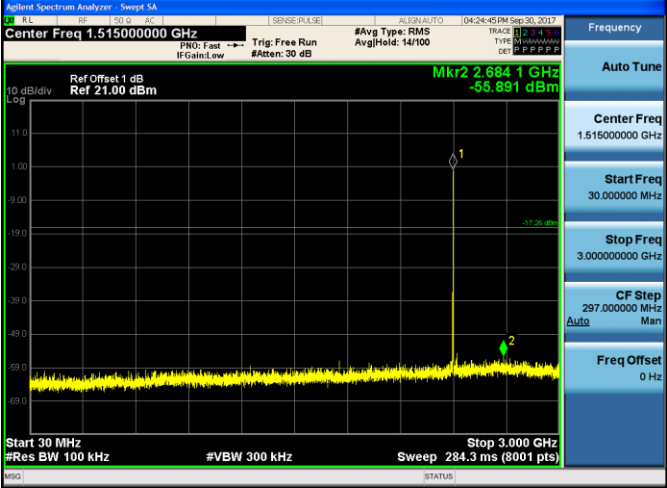
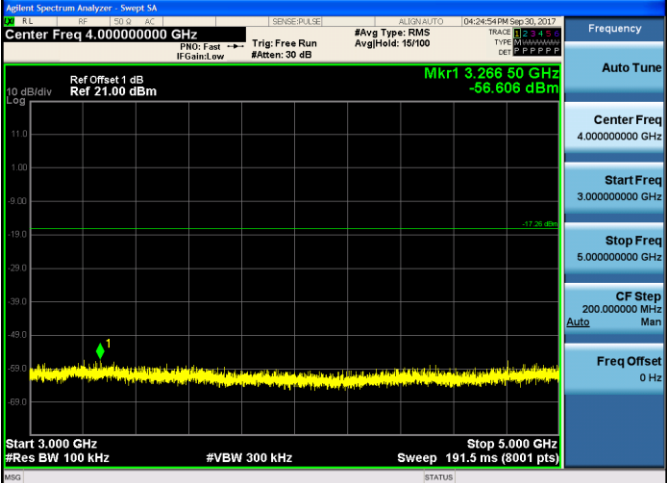
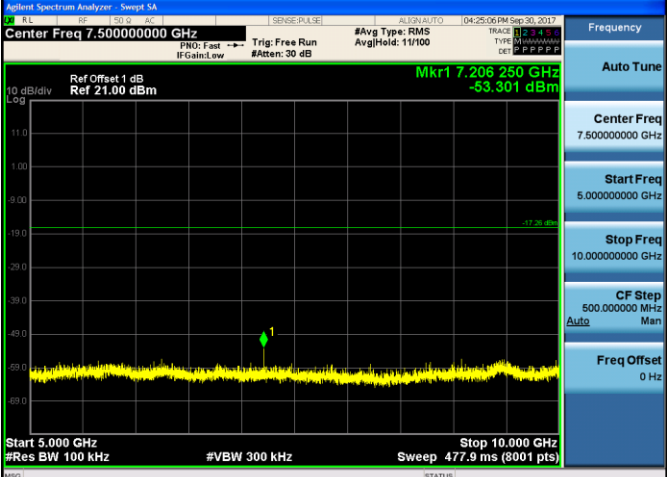
Test Item:	SE	Modulation type:	GFSK
<p>CH00 30MHz~3GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.515000000 GHz</p> <p>Start Freq 30.00000000 MHz</p> <p>Stop Freq 3.000000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 3GHz~5GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.000000000 GHz</p> <p>Start Freq 3.000000000 GHz</p> <p>Stop Freq 5.000000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 5GHz~10GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.500000000 GHz</p> <p>Start Freq 5.000000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

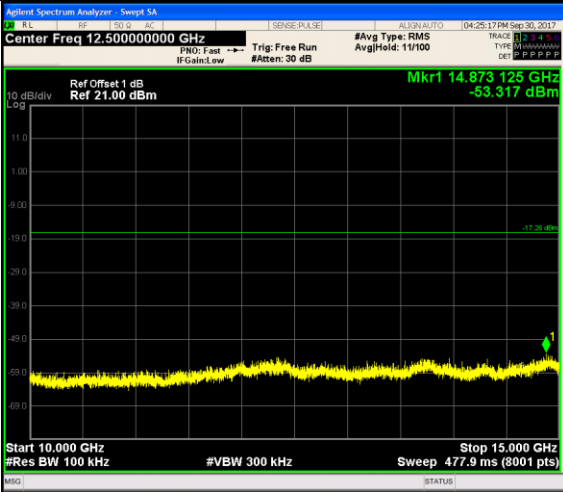

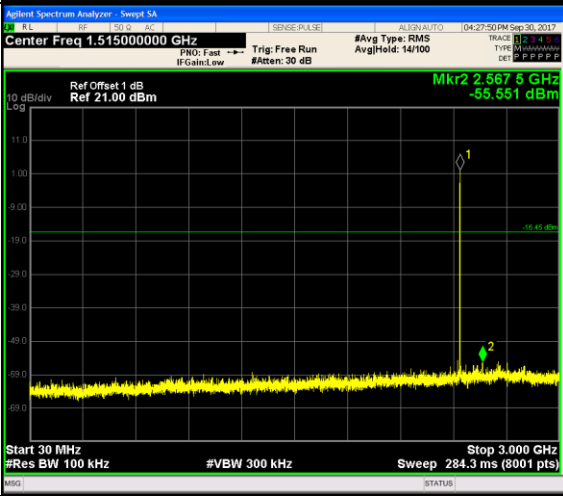
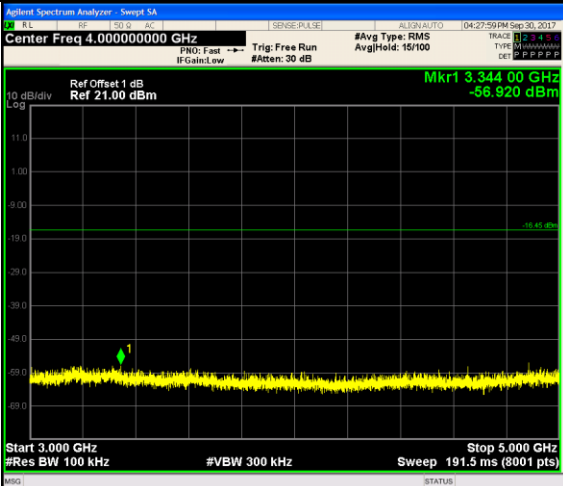
<p>CH00 10GHz~15GHz</p>	
<p>CH00 15GHz~25GHz</p>	
<p>CH39 30MHz~3GHz</p>	

<p>CH39 3GHz~5GHz</p>	
<p>CH39 5GHz~10GHz</p>	
<p>CH39 10GHz~15GHz</p>	

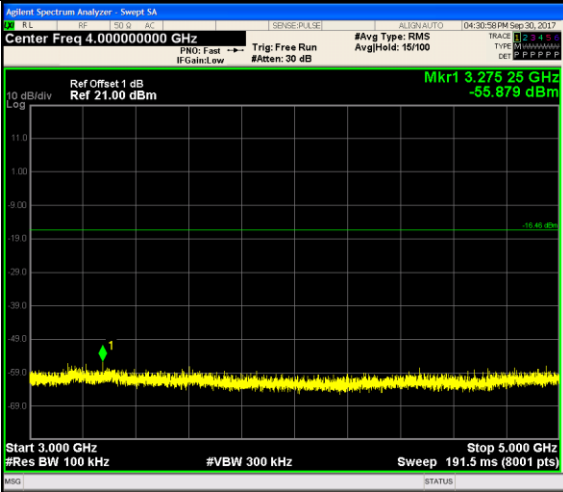
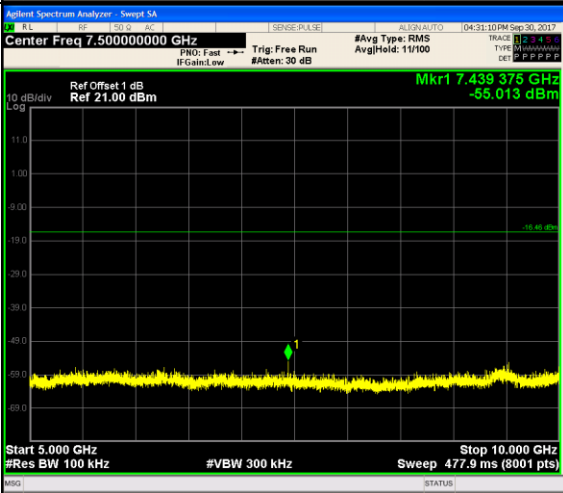
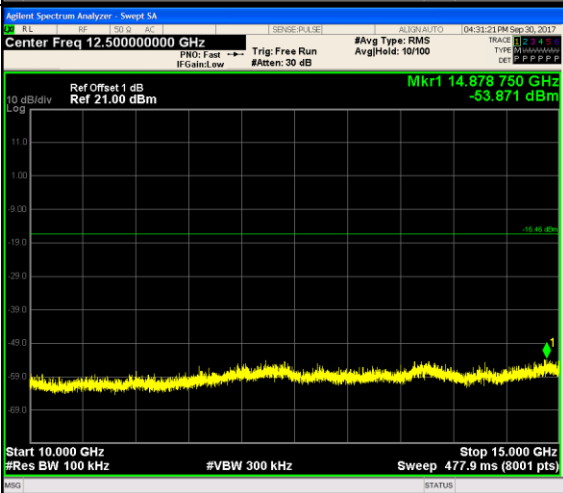

<p>CH39 15GHz~25GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 20.00000000 GHz Ref Offset 1 dB Ref 23.00 dBm Mkr1 24.933 75 GHz -43.513 dBm Start 15.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 955.7 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 30MHz~3GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 1.515000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr2 1.953 8 GHz -50.926 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 284.3 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.51500000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 3.00000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 3GHz~5GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 4.000000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr1 4.959 75 GHz -52.554 dBm Start 3.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 191.5 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.00000000 GHz</p> <p>Start Freq 3.00000000 GHz</p> <p>Stop Freq 5.00000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 5GHz~10GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 7.500000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr1 7.440 00 GHz -51.311 dBm Start 5.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 477.9 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.50000000 GHz</p> <p>Start Freq 5.00000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

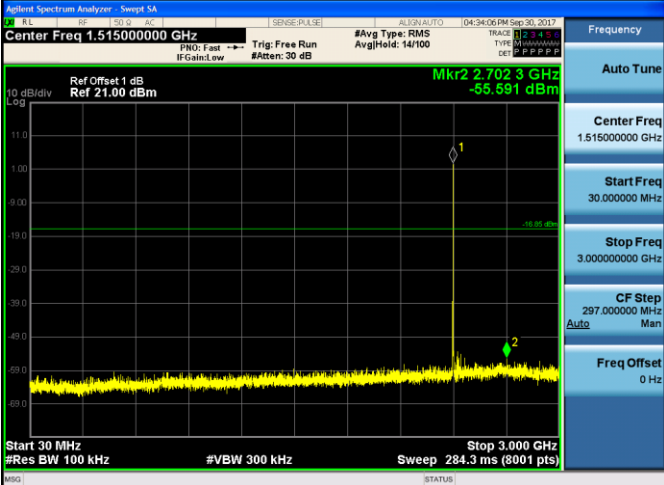
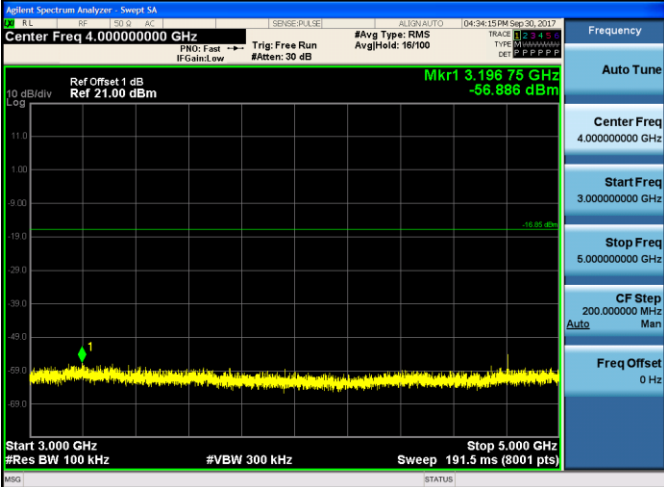
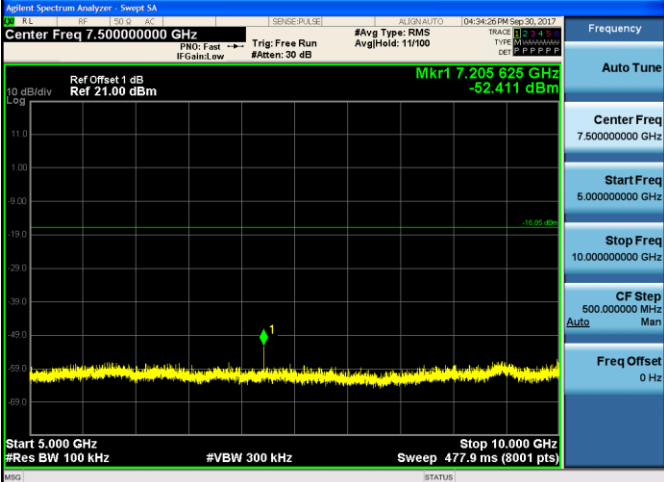


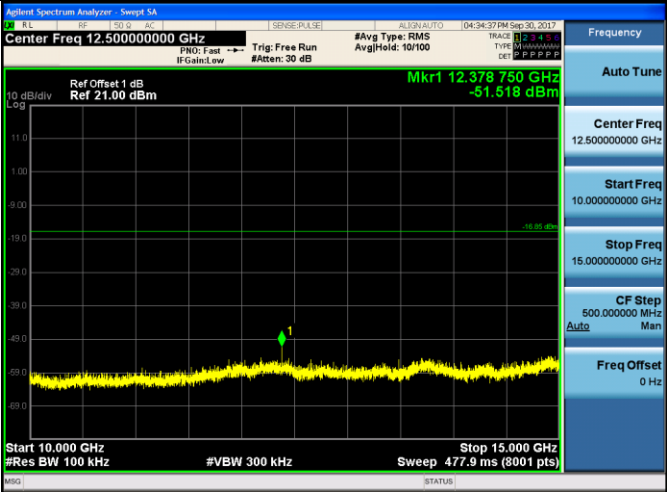

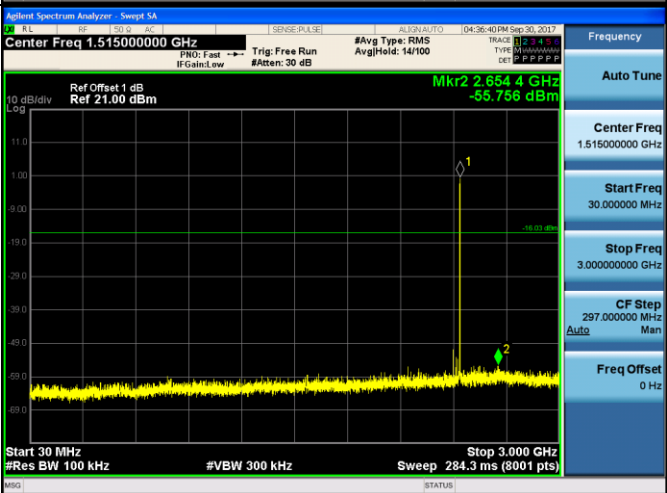
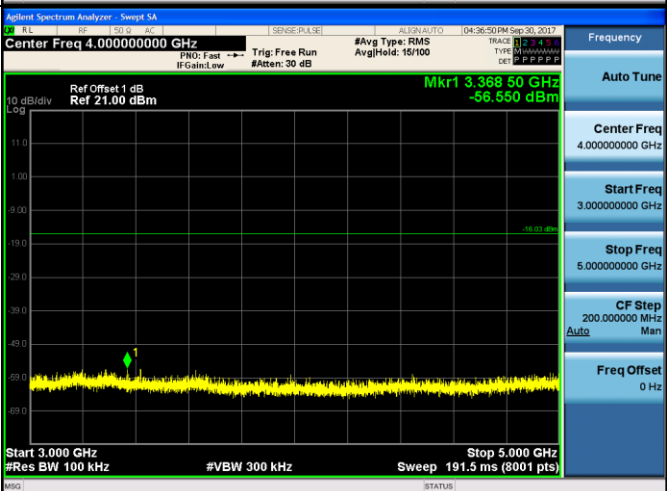
Test Item:	SE	Modulation type:	$\pi/4$ DQPSK
<p>CH00 30MHz~3GHz</p>			
<p>CH00 3GHz~5GHz</p>			
<p>CH00 5GHz~10GHz</p>			

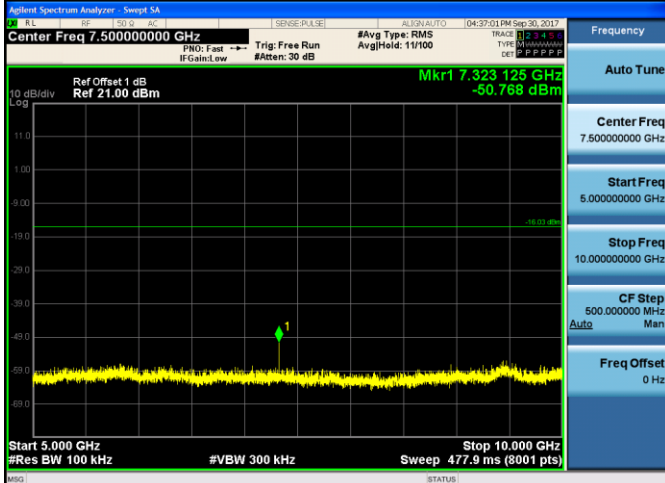
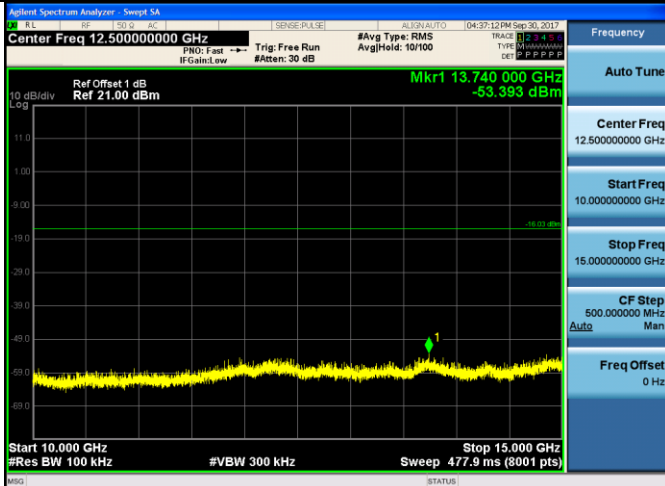
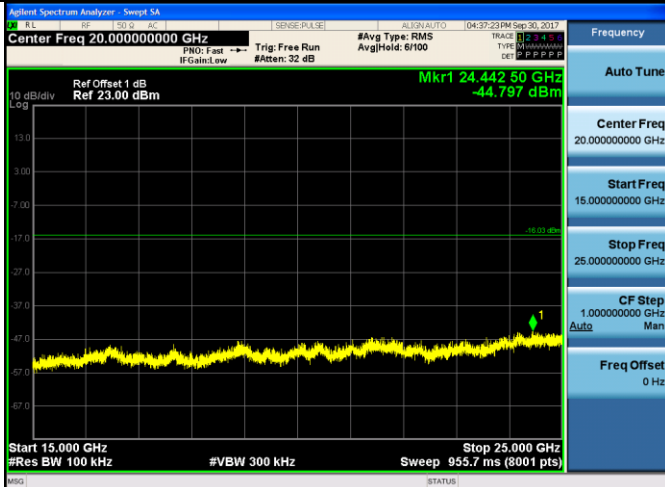
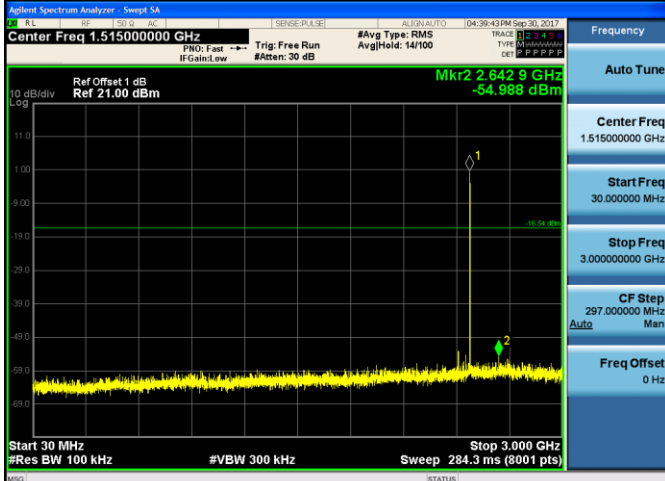
<p>CH00 10GHz~15GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 15GHz~25GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 30MHz~3GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.51500000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 3.00000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 3GHz~5GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.00000000 GHz</p> <p>Start Freq 3.00000000 GHz</p> <p>Stop Freq 5.00000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

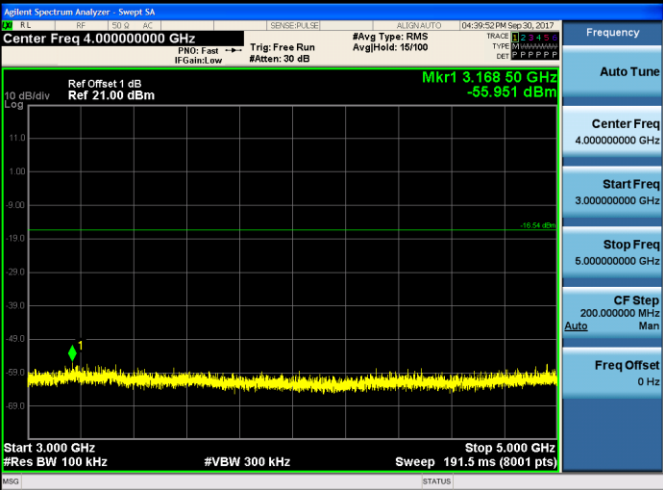
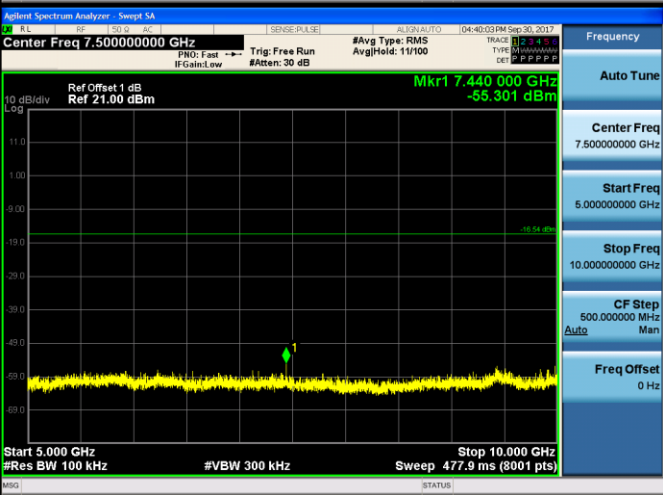
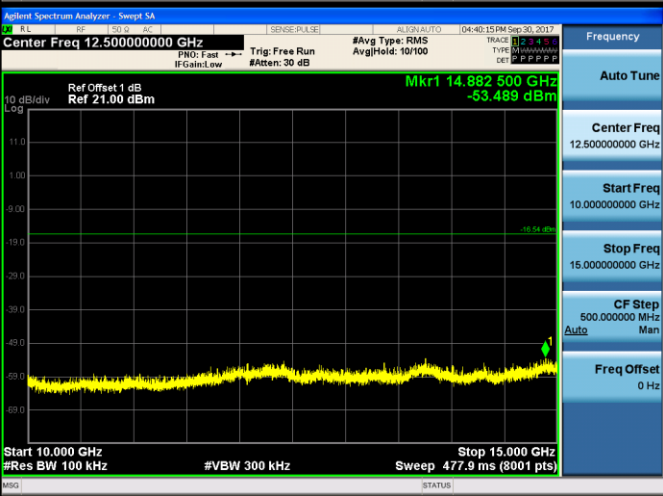

<p>CH39 5GHz~10GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.50000000 GHz</p> <p>Start Freq 5.00000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 10GHz~15GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 15GHz~25GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 30MHz~3GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.515000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 3.00000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p>CH78 3GHz~5GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 4.00000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr1 3.275 25 GHz -55.879 dBm Start 3.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 191.5 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.00000000 GHz</p> <p>Start Freq 3.00000000 GHz</p> <p>Stop Freq 5.00000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 5GHz~10GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 7.50000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr1 7.439 375 GHz -55.013 dBm Start 5.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 477.9 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.50000000 GHz</p> <p>Start Freq 5.00000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 10GHz~15GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 12.50000000 GHz Ref Offset 1 dB Ref 21.00 dBm Mkr1 14.878 750 GHz -53.871 dBm Start 10.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 477.9 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 15GHz~25GHz</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 20.00000000 GHz Ref Offset 1 dB Ref 23.00 dBm Mkr1 24.121 25 GHz -44.226 dBm Start 15.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 955.7 ms (8001 pts)</p>	<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>

Test Item:	SE	Modulation type:	8DPSK
<p>CH00 30MHz~3GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.515000000 GHz</p> <p>Start Freq 30.0000000 MHz</p> <p>Stop Freq 3.000000000 GHz</p> <p>CF Step Auto 297.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 3GHz~5GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.000000000 GHz</p> <p>Start Freq 3.000000000 GHz</p> <p>Stop Freq 5.000000000 GHz</p> <p>CF Step Auto 200.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 5GHz~10GHz</p>			<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.500000000 GHz</p> <p>Start Freq 5.000000000 GHz</p> <p>Stop Freq 10.000000000 GHz</p> <p>CF Step Auto 500.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>

<p>CH00 10GHz~15GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH00 15GHz~25GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 30MHz~3GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.515000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 3.000000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 3GHz~5GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.000000000 GHz</p> <p>Start Freq 3.000000000 GHz</p> <p>Stop Freq 5.000000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p>CH39 5GHz~10GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.50000000 GHz</p> <p>Start Freq 5.00000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 10GHz~15GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH39 15GHz~25GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 30MHz~3GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 1.515000000 GHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 3.00000000 GHz</p> <p>CF Step 297.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p>CH78 3GHz~5GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 4.00000000 GHz</p> <p>Start Freq 3.00000000 GHz</p> <p>Stop Freq 5.00000000 GHz</p> <p>CF Step 200.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 5GHz~10GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 7.50000000 GHz</p> <p>Start Freq 5.00000000 GHz</p> <p>Stop Freq 10.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 10GHz~15GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 12.50000000 GHz</p> <p>Start Freq 10.00000000 GHz</p> <p>Stop Freq 15.00000000 GHz</p> <p>CF Step 500.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>CH78 15GHz~25GHz</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 20.00000000 GHz</p> <p>Start Freq 15.00000000 GHz</p> <p>Stop Freq 25.00000000 GHz</p> <p>CF Step 1.00000000 GHz Auto Man</p> <p>Freq Offset 0 Hz</p>

5.11. Spurious Emissions (radiated)

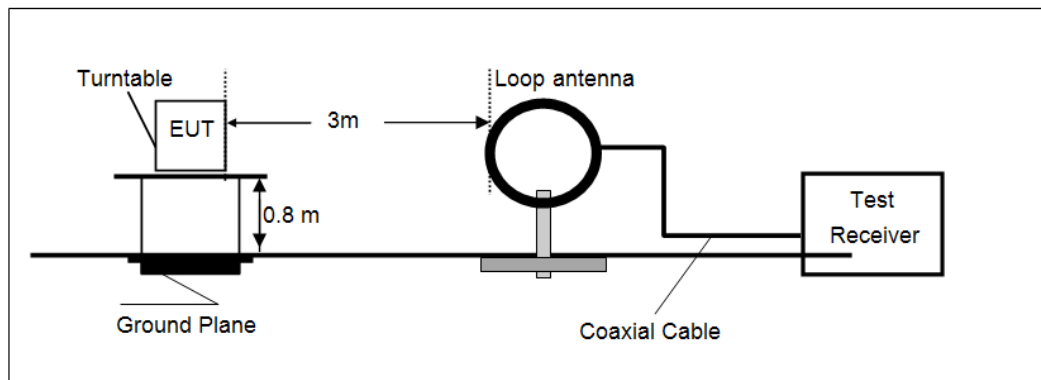
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

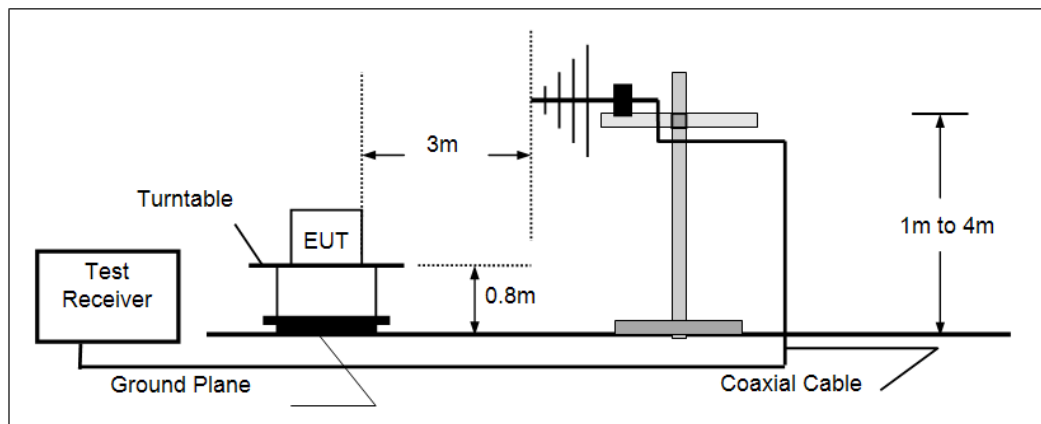
Frequency	Limit (dBuV/m @3m)	Value
30 MHz ~ 88 MHz	40.00	Quasi-peak
88 MHz ~ 216 MHz	43.50	Quasi-peak
216 MHz ~ 960 MHz	46.00	Quasi-peak
960 MHz ~ 1 GHz	54.00	Quasi-peak
Above 1 GHz	54.00	Average
	74.00	Peak

TEST CONFIGURATION

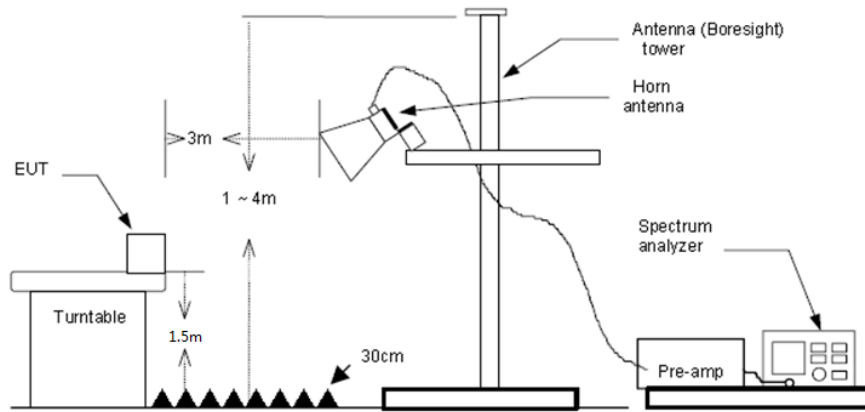
- Below 30 MHz



- 30 MHz ~1000 MHz



- Above 1 GHz



TEST PROCEDURE

1. The EUT was tested according to ANSI C63.10:2013.
2. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna.
5. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1 GHz, RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - (3) Above 1 GHz, RBW=1 MHz, VBW=3 MHz Peak detector for Peak value
RBW=1 MHz, VBW=10 Hz Peak detector for Average value.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Passed **Not Applicable**

Note:

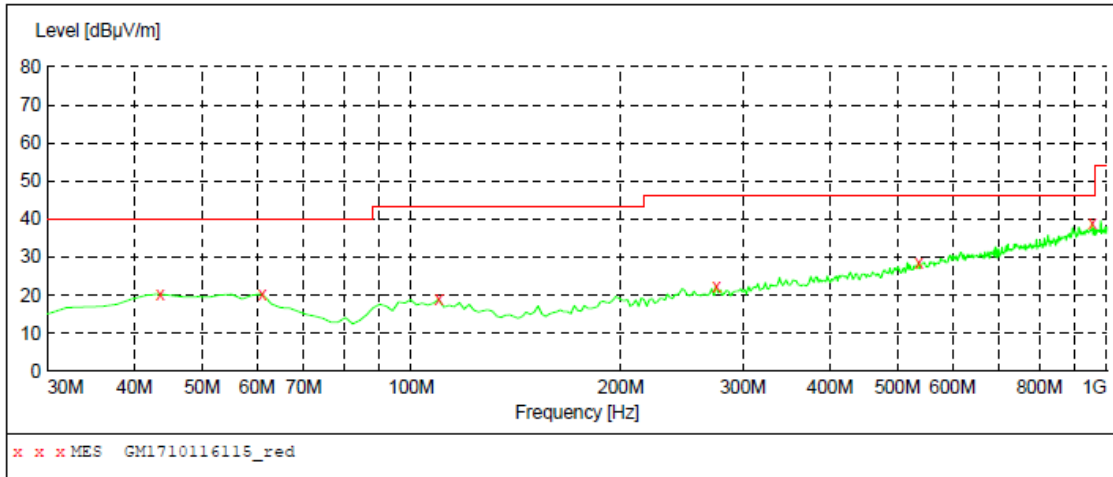
- 1) Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- 2) The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3) Below 1 GHz, Have pre-scan all modulation mode, found the GFSK modulation High channel which it was worst case, so only the worst case's data on the test report.
- 4) Above 1 GHz, Have pre-scan all modulation mode, found the GFSK modulation which it was worst case, so only the worst case's data on the test report
- 5) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.

➤ **9 kHz ~ 30 MHz**

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

➤ 30 MHz ~ 1 GHz

Polarization: Vertical

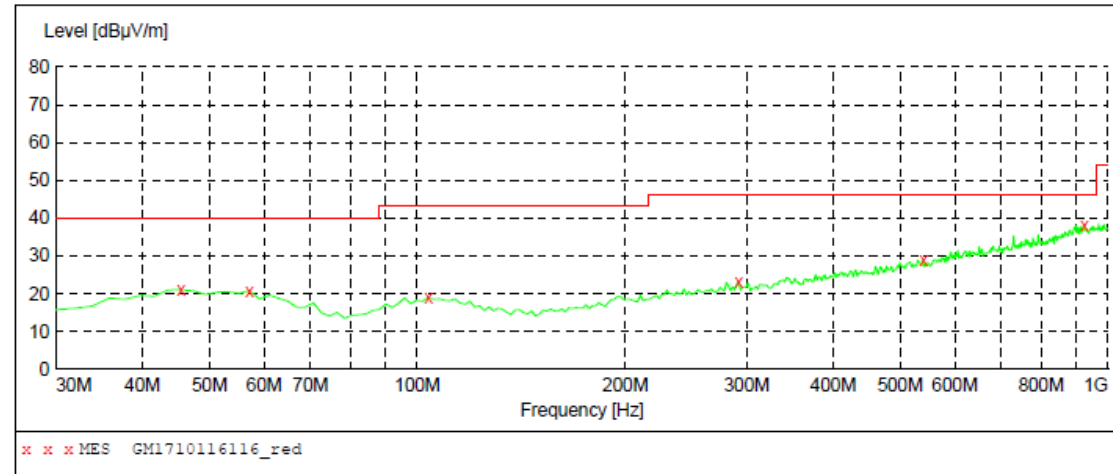


MEASUREMENT RESULT: "GM1710116115_red"

10/11/2017 11:26PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
43.580000	20.40	-9.1	40.0	19.6	QP	100.0	355.00	VERTICAL
61.040000	20.40	-10.3	40.0	19.6	QP	100.0	156.00	VERTICAL
109.540000	18.90	-10.8	43.5	24.6	QP	100.0	329.00	VERTICAL
274.440000	22.50	-7.9	46.0	23.5	QP	100.0	0.00	VERTICAL
536.340000	28.70	-1.0	46.0	17.3	QP	100.0	0.00	VERTICAL
953.440000	38.90	7.3	46.0	7.1	QP	100.0	0.00	VERTICAL

Polarization: Horizontal



MEASUREMENT RESULT: "GM1710116116_red"

10/11/2017 11:29PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
45.520000	21.10	-8.8	40.0	18.9	QP	300.0	99.00	HORIZONTAL
57.160000	20.80	-9.4	40.0	19.2	QP	300.0	248.00	HORIZONTAL
103.720000	19.00	-10.5	43.5	24.5	QP	100.0	0.00	HORIZONTAL
291.900000	23.30	-7.4	46.0	22.7	QP	100.0	341.00	HORIZONTAL
540.220000	28.90	-1.0	46.0	17.1	QP	300.0	236.00	HORIZONTAL
924.340000	38.20	7.0	46.0	7.8	QP	300.0	195.00	HORIZONTAL

➤ Above 1 GHz

CH00									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1483.73	36.73	25.82	5.24	36.57	31.22	74.00	-42.78	Vertical	Peak
4117.79	33.74	29.92	8.87	37.84	34.69	74.00	-39.31	Vertical	Peak
7209.02	34.90	36.21	11.87	35.07	47.91	74.00	-26.09	Vertical	Peak
9417.91	33.09	39.01	13.69	35.29	50.50	74.00	-23.50	Vertical	Peak
1518.11	37.59	25.63	5.34	36.61	31.95	74.00	-42.05	Horizontal	Peak
3135.99	35.94	28.80	7.64	38.21	34.17	74.00	-39.83	Horizontal	Peak
4809.50	44.07	31.58	9.55	36.93	48.27	74.00	-25.73	Horizontal	Peak
7209.02	36.18	36.21	11.87	35.07	49.19	74.00	-24.81	Horizontal	Peak

CH39									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1518.11	37.14	25.63	5.34	36.61	31.50	74.00	-42.50	Vertical	Peak
3672.11	35.58	29.30	8.35	38.26	34.97	74.00	-39.03	Vertical	Peak
5125.52	34.09	31.80	9.77	36.27	39.39	74.00	-34.61	Vertical	Peak
7319.96	37.49	36.30	11.99	34.92	50.86	74.00	-23.14	Vertical	Peak
1786.72	36.22	25.37	5.93	37.11	30.41	74.00	-43.59	Horizontal	Peak
3176.16	35.27	28.80	7.69	38.20	33.56	74.00	-40.44	Horizontal	Peak
4883.52	45.03	31.43	9.59	36.73	49.32	74.00	-24.68	Horizontal	Peak
6219.51	33.12	32.94	11.01	35.29	41.78	74.00	-32.22	Horizontal	Peak

CH78									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Test value
1402.92	37.49	25.90	5.01	36.46	31.94	74.00	-42.06	Vertical	Peak
3690.85	35.65	29.30	8.37	38.25	35.07	74.00	-38.93	Vertical	Peak
4958.68	42.29	31.46	9.64	36.52	46.87	74.00	-27.13	Vertical	Peak
8042.90	32.88	37.06	12.40	34.53	47.81	74.00	-26.19	Vertical	Peak
1750.70	36.88	25.30	5.86	37.04	31.00	74.00	-43.00	Horizontal	Peak
3644.18	35.72	29.30	8.32	38.26	35.08	74.00	-38.92	Horizontal	Peak
5099.49	33.36	31.90	9.75	36.30	38.71	74.00	-35.29	Horizontal	Peak
7135.98	32.19	35.82	11.86	34.99	44.88	74.00	-29.12	Horizontal	Peak

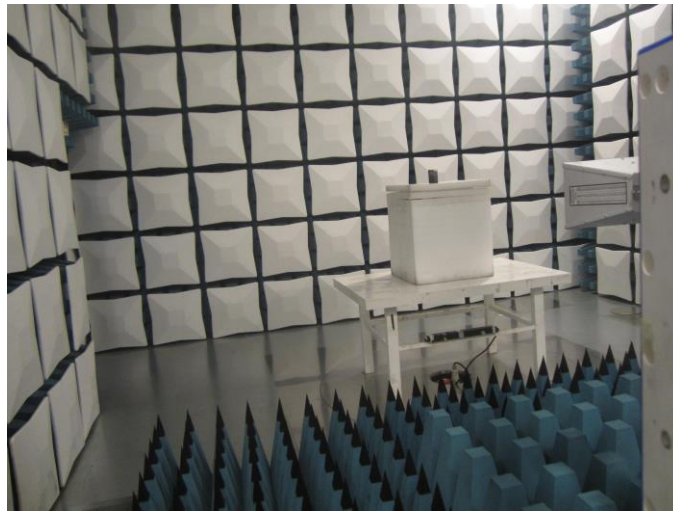
6. TEST SETUP PHOTOS

Conducted Emissions



Radiated Emissions





7. EXTERANAL AND INTERNAL PHOTOS

Reference to the test report No.: TRE1709023201.

.....**End of Report**.....