

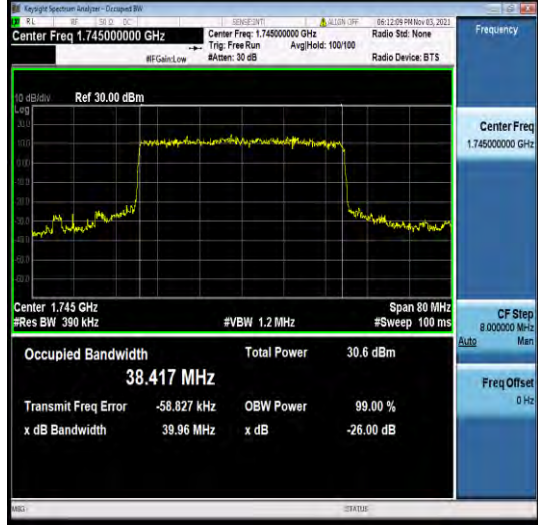

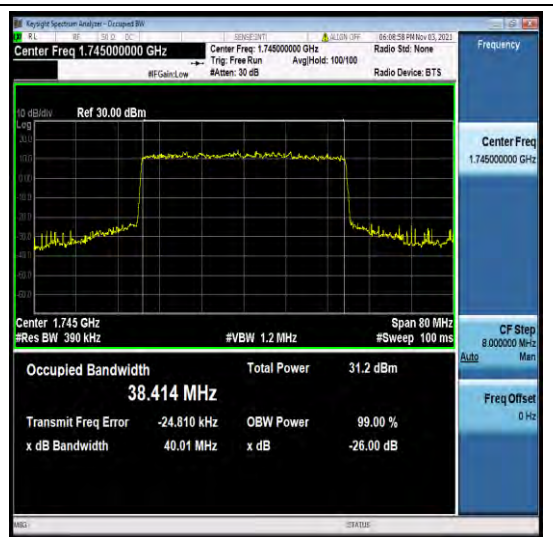




1-N66-15kHz-30MHz-DFT-256QAM-High-Ou ter_Full--Ant1-PASS	/
 <p>Center Freq 1.76500000 GHz</p> <p>Center Freq 1.76500000 GHz</p> <p>Center Freq 1.765 GHz</p> <p>Res BW 300 kHz</p> <p>Span 60 MHz</p> <p>Res BW 300 kHz</p> <p>#VBW 910 kHz</p> <p>#Sweep 100 ms</p> <p>Occupied Bandwidth 28.486 MHz</p> <p>Total Power 24.9 dBm</p> <p>Transmit Freq Error -48.279 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 29.72 MHz</p> <p>x dB -26.00 dB</p>	 <p>Center Freq 1.73000000 GHz</p> <p>Center Freq 1.73000000 GHz</p> <p>Center Freq 1.73 GHz</p> <p>Res BW 390 kHz</p> <p>Span 80 MHz</p> <p>Res BW 390 kHz</p> <p>#VBW 1.2 MHz</p> <p>#Sweep 100 ms</p> <p>Occupied Bandwidth 38.464 MHz</p> <p>Total Power 31.2 dBm</p> <p>Transmit Freq Error -11.472 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 39.87 MHz</p> <p>x dB -26.00 dB</p>
1-N66-15kHz-30MHz-DFT-256QAM-High-Ou ter_Full--Ant1-PASS	1-N66-15kHz-40MHz-DFT-PI2BPSK-Low-Ou ter_Full--Ant1-PASS
 <p>Center Freq 1.74500000 GHz</p> <p>Center Freq 1.74500000 GHz</p> <p>Center Freq 1.745 GHz</p> <p>Res BW 390 kHz</p> <p>Span 80 MHz</p> <p>Res BW 390 kHz</p> <p>#VBW 1.2 MHz</p> <p>#Sweep 100 ms</p> <p>Occupied Bandwidth 38.417 MHz</p> <p>Total Power 30.6 dBm</p> <p>Transmit Freq Error -58.827 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 39.96 MHz</p> <p>x dB -26.00 dB</p>	 <p>Center Freq 1.76000000 GHz</p> <p>Center Freq 1.76000000 GHz</p> <p>Center Freq 1.76 GHz</p> <p>Res BW 390 kHz</p> <p>Span 80 MHz</p> <p>Res BW 390 kHz</p> <p>#VBW 1.2 MHz</p> <p>#Sweep 100 ms</p> <p>Occupied Bandwidth 38.444 MHz</p> <p>Total Power 30.6 dBm</p> <p>Transmit Freq Error -80.784 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 39.93 MHz</p> <p>x dB -26.00 dB</p>
1-N66-15kHz-40MHz-DFT-PI2BPSK-Mid-Out er_Full--Ant1-PASS	1-N66-15kHz-40MHz-DFT-PI2BPSK-High-Ou ter_Full--Ant1-PASS



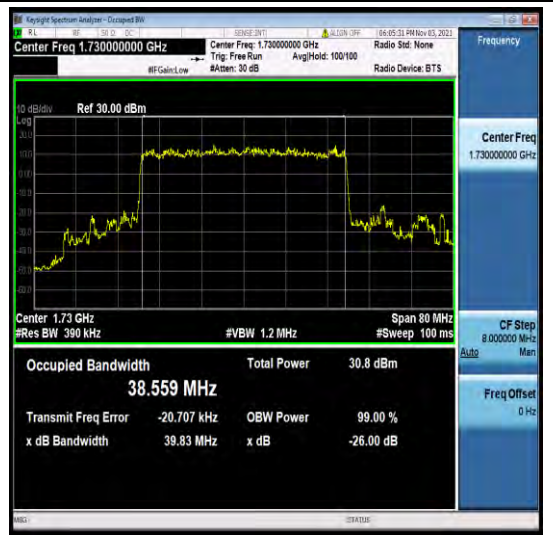
1-N66-15kHz-40MHz-DFT-QPSK-Low-Outer\_Full--Ant1-PASS



1-N66-15kHz-40MHz-DFT-QPSK-Mid-Outer\_Full--Ant1-PASS



1-N66-15kHz-40MHz-DFT-QPSK-High-Outer\_Full--Ant1-PASS



1-N66-15kHz-40MHz-DFT-16QAM-Low-Outer\_Full--Ant1-PASS



1-N66-15kHz-40MHz-DFT-16QAM-Mid-Outer

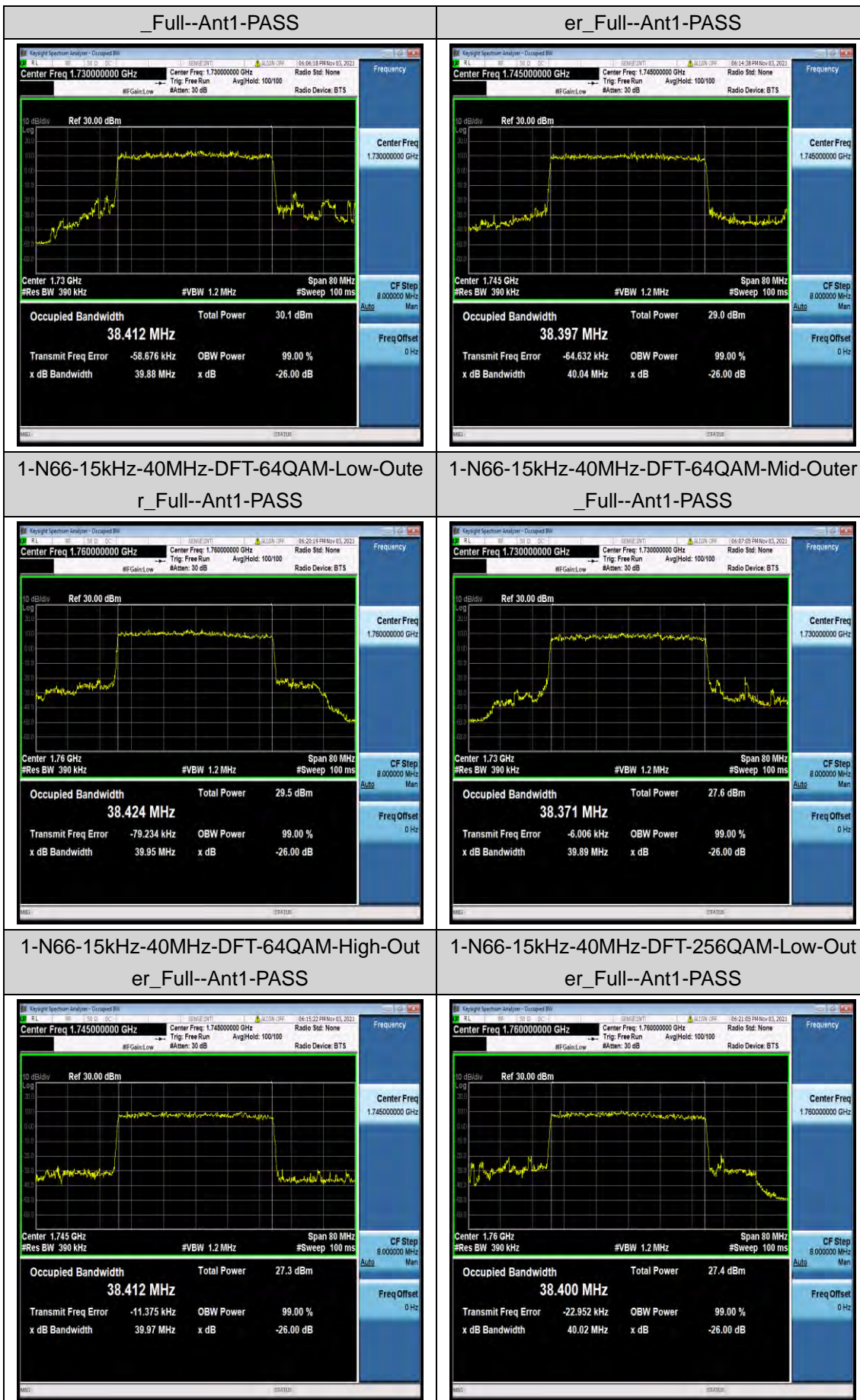


1-N66-15kHz-40MHz-DFT-16QAM-High-Outer



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Test Report No.: W7L-P20210616-3RF06



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1-N66-15kHz-40MHz-DFT-256QAM-Mid-Out er_Full--Ant1-PASS	1-N66-15kHz-40MHz-DFT-256QAM-High-Ou ter_Full--Ant1-PASS
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### 2.3 N71

#### 2.3.1 Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15kHz	5MHz	DFT-PI2BPSK	Low	Outer_Full	4.4690	5.030	PASS
N71	15kHz	5MHz	DFT-PI2BPSK	Mid	Outer_Full	4.4758	5.025	PASS
N71	15kHz	5MHz	DFT-PI2BPSK	High	Outer_Full	4.4775	5.050	PASS
N71	15kHz	5MHz	DFT-QPSK	Low	Outer_Full	4.4804	5.113	PASS
N71	15kHz	5MHz	DFT-QPSK	Mid	Outer_Full	4.4799	5.052	PASS
N71	15kHz	5MHz	DFT-QPSK	High	Outer_Full	4.4746	4.941	PASS
N71	15kHz	5MHz	DFT-16QAM	Low	Outer_Full	4.4525	4.977	PASS
N71	15kHz	5MHz	DFT-16QAM	Mid	Outer_Full	4.4690	4.974	PASS
N71	15kHz	5MHz	DFT-16QAM	High	Outer_Full	4.4633	5.012	PASS
N71	15kHz	5MHz	DFT-64QAM	Low	Outer_Full	4.4783	5.039	PASS
N71	15kHz	5MHz	DFT-64QAM	Mid	Outer_Full	4.4814	5.011	PASS
N71	15kHz	5MHz	DFT-64QAM	High	Outer_Full	4.4821	4.968	PASS
N71	15kHz	5MHz	DFT-256QAM	Low	Outer_Full	4.4822	4.991	PASS
N71	15kHz	5MHz	DFT-256QAM	Mid	Outer_Full	4.4651	4.985	PASS
N71	15kHz	5MHz	DFT-256QAM	High	Outer_Full	4.4735	4.991	PASS
N71	15kHz	10MHz	DFT-PI2BPSK	Low	Outer_Full	8.9056	9.548	PASS
N71	15kHz	10MHz	DFT-PI2BPSK	Mid	Outer_Full	8.9044	9.586	PASS



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N71	15kH z	10MHz	DFT-PI2BPS K	High	Outer_Full	8.9068	9.633	PASS
N71	15kH z	10MHz	DFT-QPSK	Low	Outer_Full	8.9275	9.667	PASS
N71	15kH z	10MHz	DFT-QPSK	Mid	Outer_Full	8.9164	9.506	PASS
N71	15kH z	10MHz	DFT-QPSK	High	Outer_Full	8.9153	9.612	PASS
N71	15kH z	10MHz	DFT-16QAM	Low	Outer_Full	8.9326	9.562	PASS
N71	15kH z	10MHz	DFT-16QAM	Mid	Outer_Full	8.9122	9.626	PASS
N71	15kH z	10MHz	DFT-16QAM	High	Outer_Full	8.9313	9.638	PASS
N71	15kH z	10MHz	DFT-64QAM	Low	Outer_Full	8.9254	9.588	PASS
N71	15kH z	10MHz	DFT-64QAM	Mid	Outer_Full	8.9334	9.655	PASS
N71	15kH z	10MHz	DFT-64QAM	High	Outer_Full	8.9260	9.691	PASS
N71	15kH z	10MHz	DFT-256QA M	Low	Outer_Full	8.9100	9.560	PASS
N71	15kH z	10MHz	DFT-256QA M	Mid	Outer_Full	8.9113	9.575	PASS
N71	15kH z	10MHz	DFT-256QA M	High	Outer_Full	8.9079	9.541	PASS
N71	15kH z	15MHz	DFT-PI2BPS K	Low	Outer_Full	13.404	14.38	PASS
N71	15kH z	15MHz	DFT-PI2BPS K	Mid	Outer_Full	13.375	14.29	PASS
N71	15kH z	15MHz	DFT-PI2BPS K	High	Outer_Full	13.394	14.30	PASS
N71	15kH z	15MHz	DFT-QPSK	Low	Outer_Full	13.437	14.28	PASS
N71	15kH z	15MHz	DFT-QPSK	Mid	Outer_Full	13.418	14.34	PASS
N71	15kH z	15MHz	DFT-QPSK	High	Outer_Full	13.410	14.25	PASS
N71	15kH z	15MHz	DFT-16QAM	Low	Outer_Full	13.430	14.24	PASS
N71	15kH z	15MHz	DFT-16QAM	Mid	Outer_Full	13.382	14.21	PASS
N71	15kH z	15MHz	DFT-16QAM	High	Outer_Full	13.413	14.28	PASS

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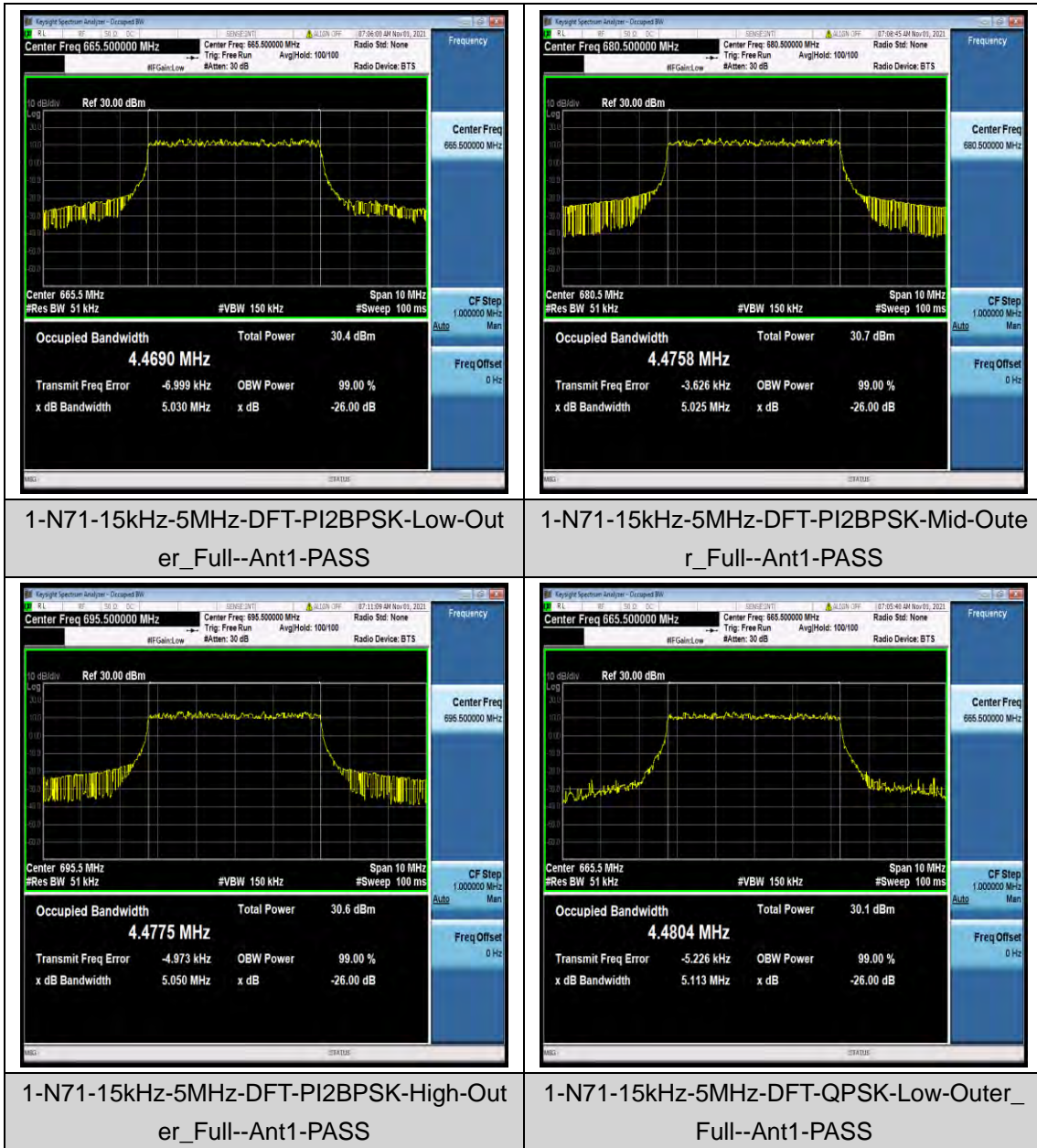
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N71	15kHz z	15MHz	DFT-64QAM	Low	Outer_Full	13.408	14.23	PASS
N71	15kHz z	15MHz	DFT-64QAM	Mid	Outer_Full	13.404	14.28	PASS
N71	15kHz z	15MHz	DFT-64QAM	High	Outer_Full	13.388	14.15	PASS
N71	15kHz z	15MHz	DFT-256QAM	Low	Outer_Full	13.436	14.30	PASS
N71	15kHz z	15MHz	DFT-256QAM	Mid	Outer_Full	13.414	14.29	PASS
N71	15kHz z	15MHz	DFT-256QAM	High	Outer_Full	13.408	14.31	PASS
N71	15kHz z	20MHz	DFT-PI2BPSK	Low	Outer_Full	17.821	18.90	PASS
N71	15kHz z	20MHz	DFT-PI2BPSK	Mid	Outer_Full	17.847	18.96	PASS
N71	15kHz z	20MHz	DFT-PI2BPSK	High	Outer_Full	17.862	19.01	PASS
N71	15kHz z	20MHz	DFT-QPSK	Low	Outer_Full	17.826	18.75	PASS
N71	15kHz z	20MHz	DFT-QPSK	Mid	Outer_Full	17.802	18.83	PASS
N71	15kHz z	20MHz	DFT-QPSK	High	Outer_Full	17.831	18.91	PASS
N71	15kHz z	20MHz	DFT-16QAM	Low	Outer_Full	17.832	18.67	PASS
N71	15kHz z	20MHz	DFT-16QAM	Mid	Outer_Full	17.834	18.72	PASS
N71	15kHz z	20MHz	DFT-16QAM	High	Outer_Full	17.845	18.80	PASS
N71	15kHz z	20MHz	DFT-64QAM	Low	Outer_Full	17.837	18.73	PASS
N71	15kHz z	20MHz	DFT-64QAM	Mid	Outer_Full	17.823	18.75	PASS
N71	15kHz z	20MHz	DFT-64QAM	High	Outer_Full	17.855	18.78	PASS
N71	15kHz z	20MHz	DFT-256QAM	Low	Outer_Full	17.817	18.70	PASS
N71	15kHz z	20MHz	DFT-256QAM	Mid	Outer_Full	17.812	18.78	PASS
N71	15kHz z	20MHz	DFT-256QAM	High	Outer_Full	17.818	18.79	PASS

### 2.3.2 Test Graphs



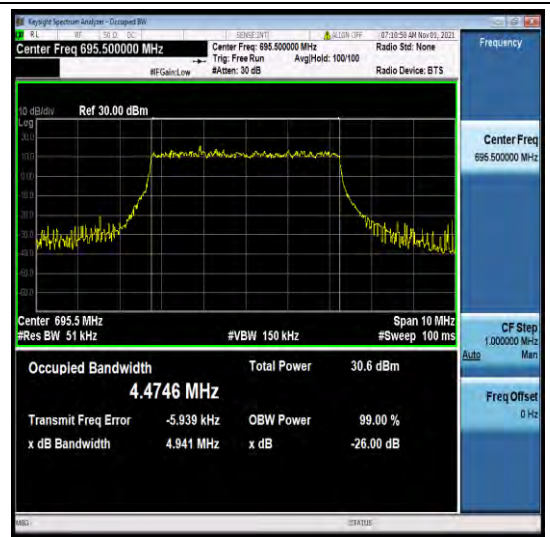


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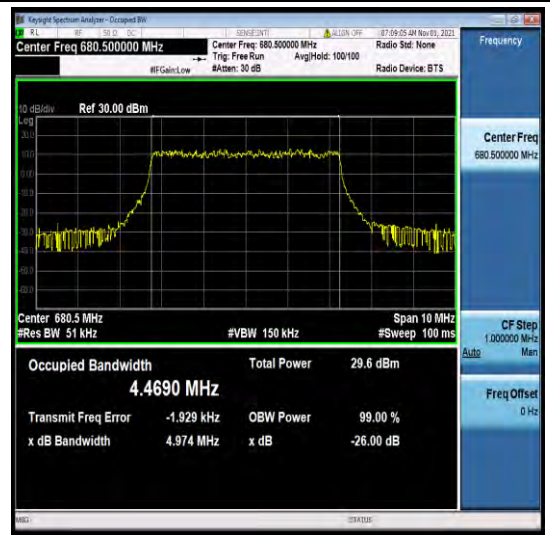
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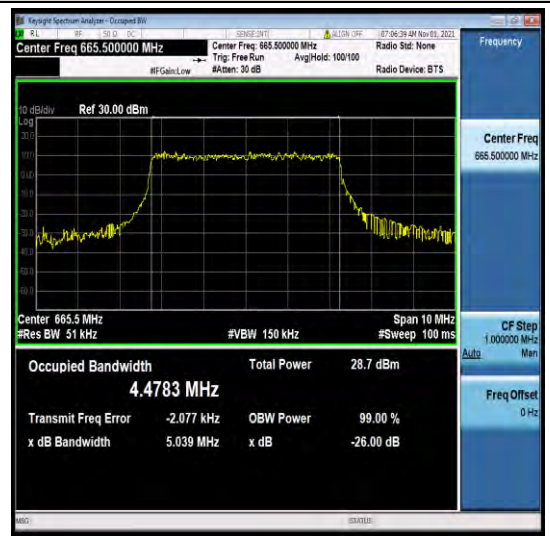
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1-N71-15kHz-5MHz-DFT-16QAM-High-Outer



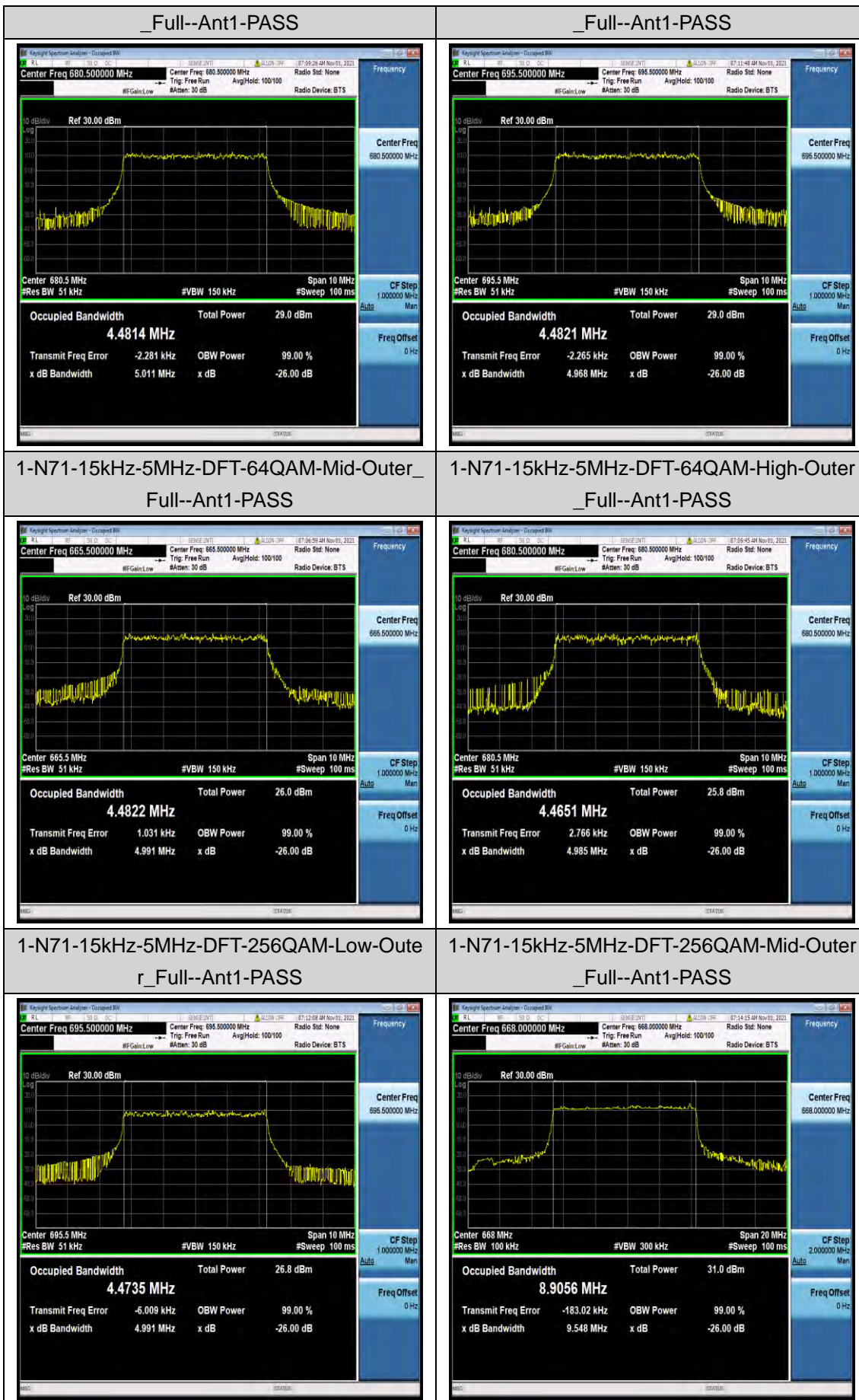
1-N71-15kHz-5MHz-DFT-64QAM-Low-Outer

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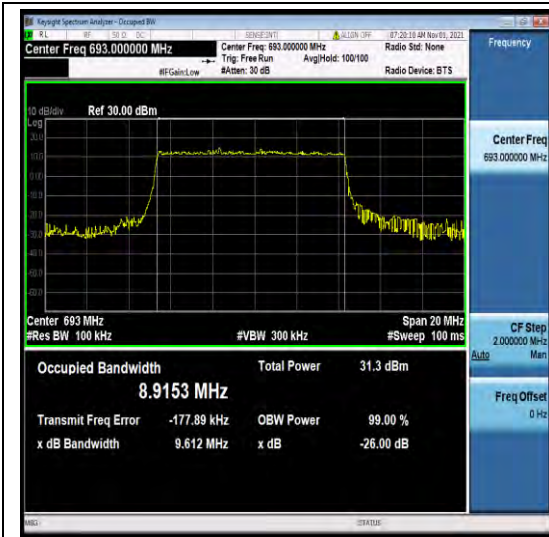


<p>1-N71-15kHz-5MHz-DFT-256QAM-High-Outer_Full--Ant1-PASS</p>	<p>1-N71-15kHz-10MHz-DFT-PI2BPSK-Low-Outer_Full--Ant1-PASS</p>
<p>Center Freq 680.500000 MHz</p> <p>Center Freq 680.500000 MHz</p> <p>Center Freq 680.5 MHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 20 MHz</p> <p>#Sweep 100 ms</p> <p>CF Step 2.000000 MHz</p> <p>Occupied Bandwidth 8.9044 MHz</p> <p>Total Power 31.1 dBm</p> <p>Transmit Freq Error -183.36 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.586 MHz</p> <p>x dB -26.00 dB</p>	<p>Center Freq 693.000000 MHz</p> <p>Center Freq 693.000000 MHz</p> <p>Center Freq 693 MHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 20 MHz</p> <p>#Sweep 100 ms</p> <p>CF Step 2.000000 MHz</p> <p>Occupied Bandwidth 8.9068 MHz</p> <p>Total Power 31.2 dBm</p> <p>Transmit Freq Error -182.09 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.633 MHz</p> <p>x dB -26.00 dB</p>
<p>1-N71-15kHz-10MHz-DFT-PI2BPSK-Mid-Outer_Full--Ant1-PASS</p>	<p>1-N71-15kHz-10MHz-DFT-PI2BPSK-High-Outer_Full--Ant1-PASS</p>
<p>Center Freq 668.000000 MHz</p> <p>Center Freq 668.000000 MHz</p> <p>Center Freq 668 MHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 20 MHz</p> <p>#Sweep 100 ms</p> <p>CF Step 2.000000 MHz</p> <p>Occupied Bandwidth 8.9275 MHz</p> <p>Total Power 31.1 dBm</p> <p>Transmit Freq Error -174.41 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.667 MHz</p> <p>x dB -26.00 dB</p>	<p>Center Freq 680.500000 MHz</p> <p>Center Freq 680.500000 MHz</p> <p>Center Freq 680.5 MHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 20 MHz</p> <p>#Sweep 100 ms</p> <p>CF Step 2.000000 MHz</p> <p>Occupied Bandwidth 8.9164 MHz</p> <p>Total Power 31.3 dBm</p> <p>Transmit Freq Error -180.51 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 9.506 MHz</p> <p>x dB -26.00 dB</p>
<p>1-N71-15kHz-10MHz-DFT-QPSK-Low-Outer_Full--Ant1-PASS</p>	<p>1-N71-15kHz-10MHz-DFT-QPSK-Mid-Outer_Full--Ant1-PASS</p>

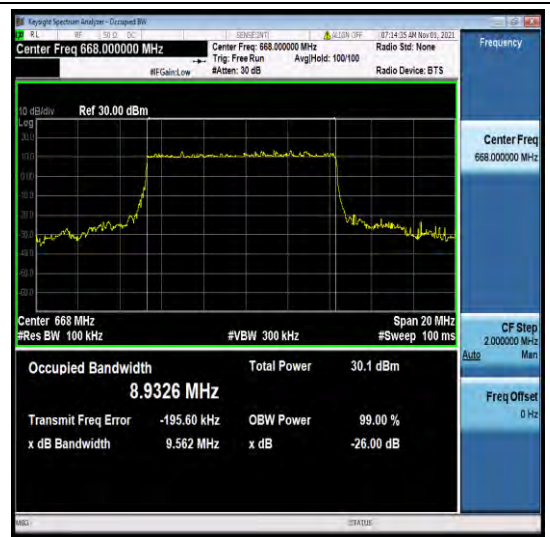


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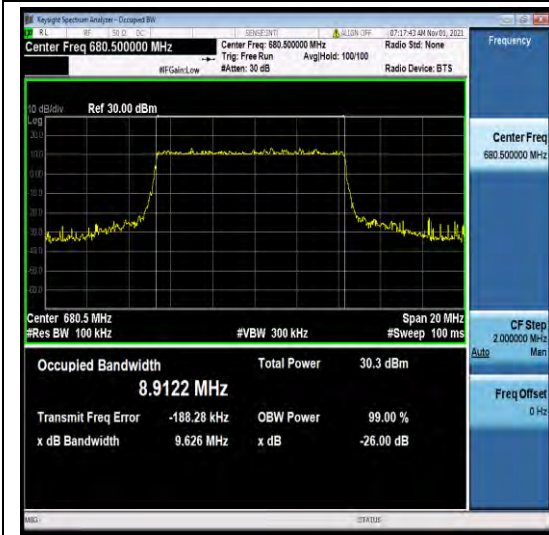
Test Report No.: W7L-P20210616-3RF06



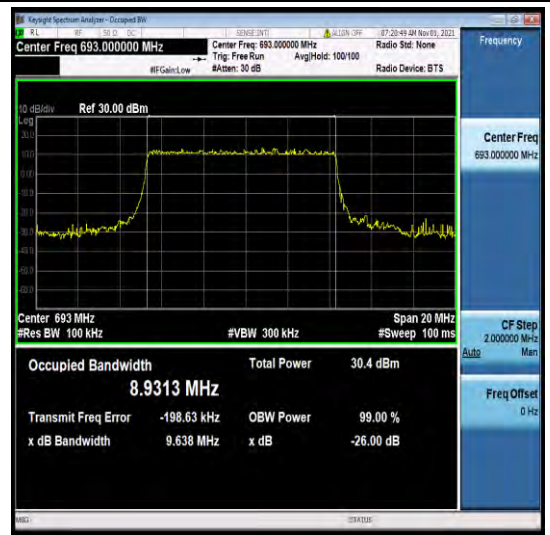
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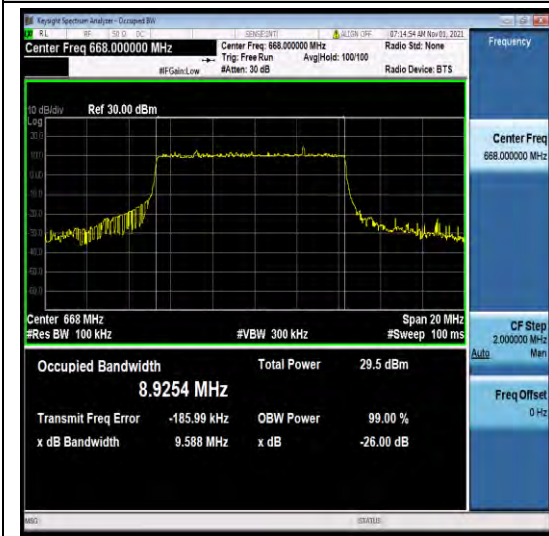
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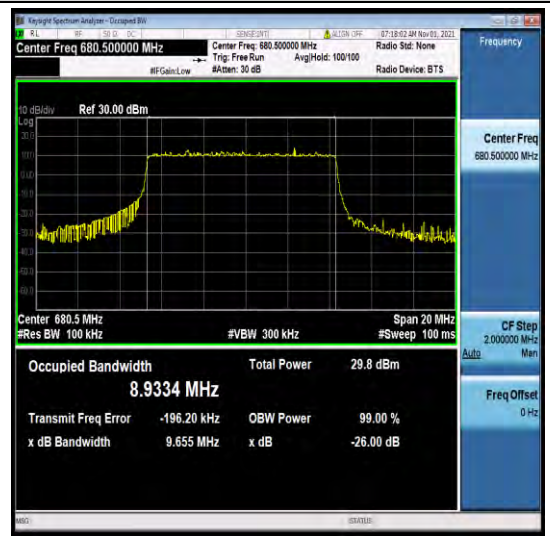
1-N71-15kHz-10MHz-DFT-16QAM-Mid-Outer\_Full--Ant1-PASS



1-N71-15kHz-10MHz-DFT-16QAM-High-Outer\_Full--Ant1-PASS



1-N71-15kHz-10MHz-DFT-64QAM-Low-Outer

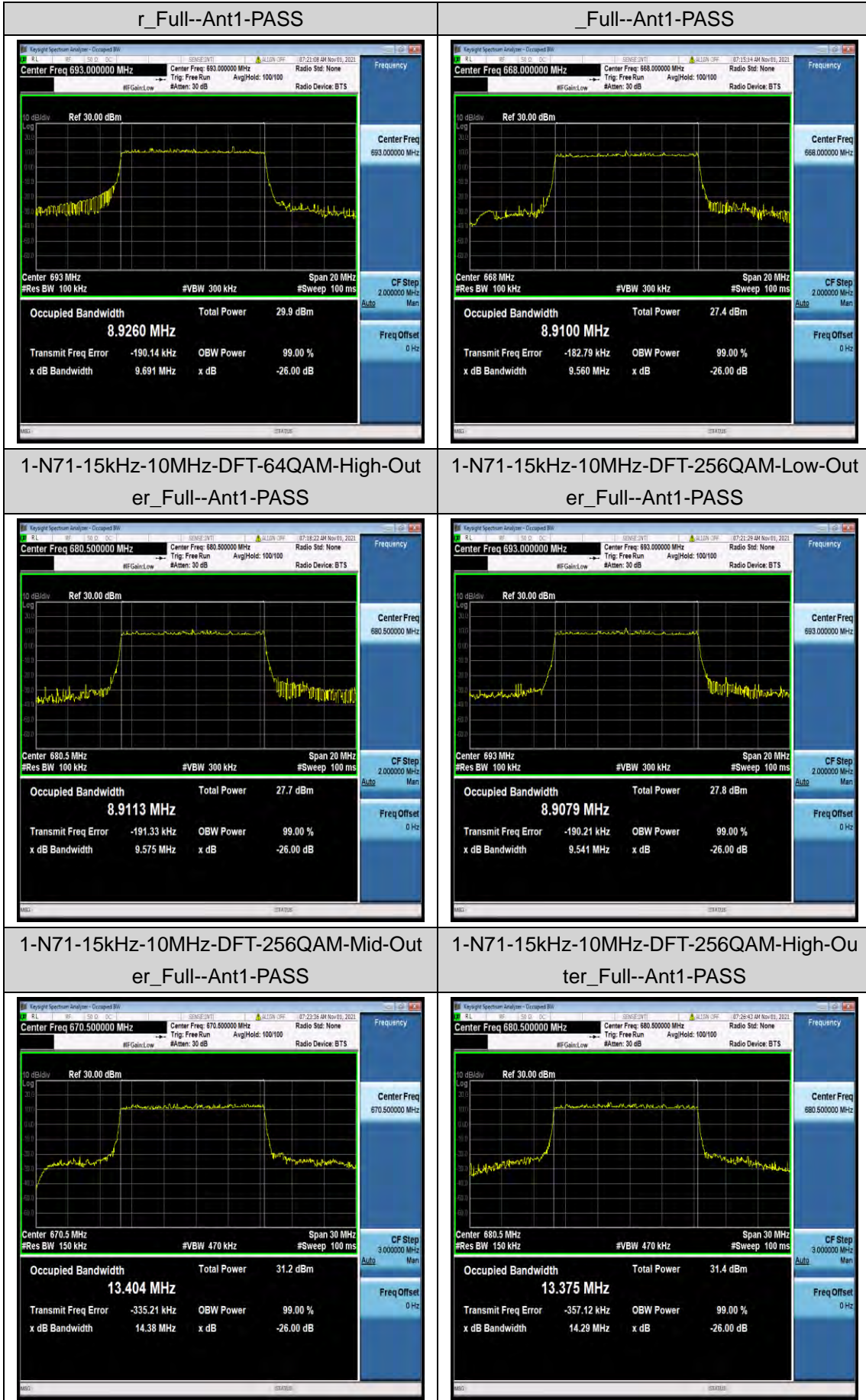


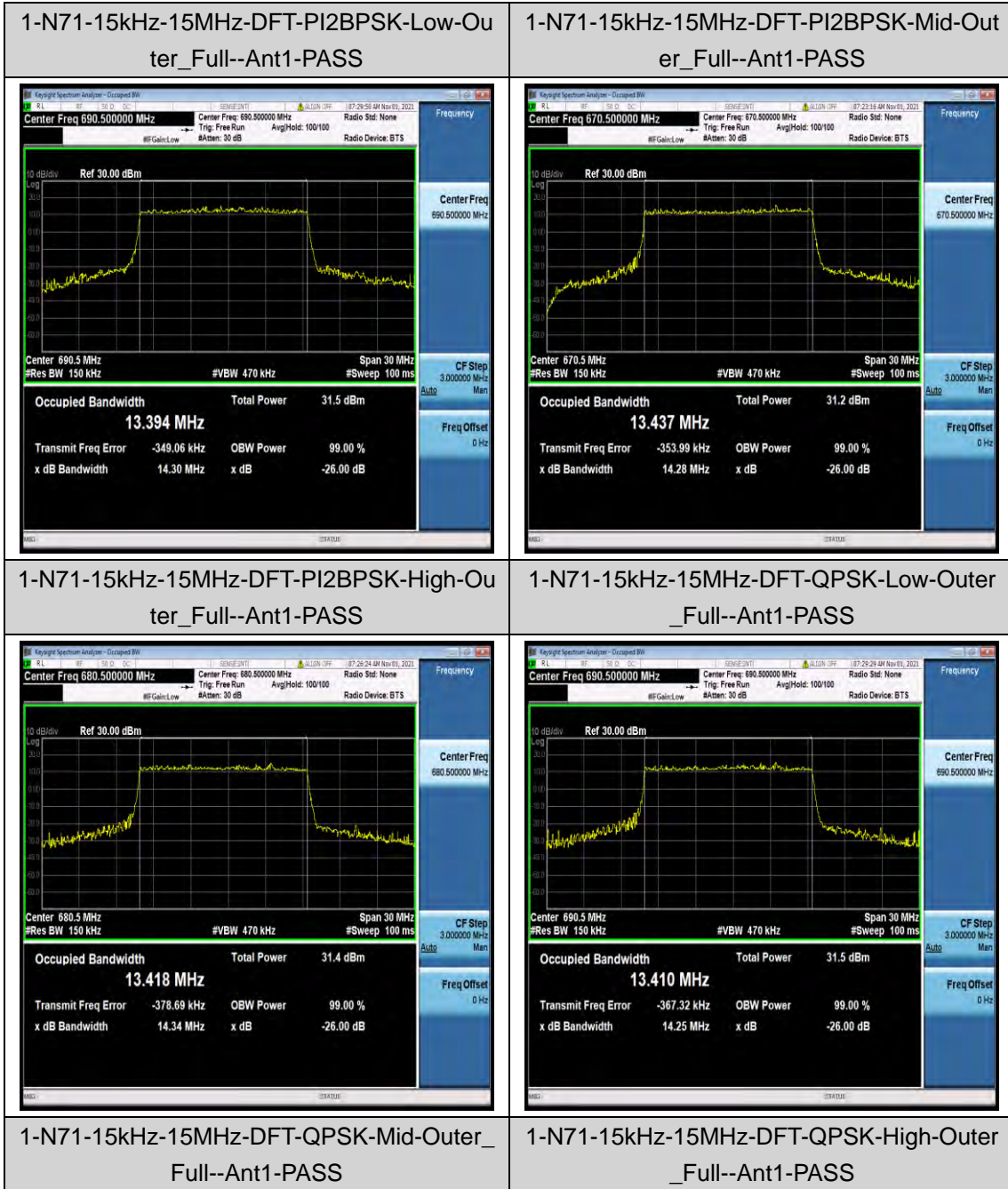
1-N71-15kHz-10MHz-DFT-64QAM-Mid-Outer

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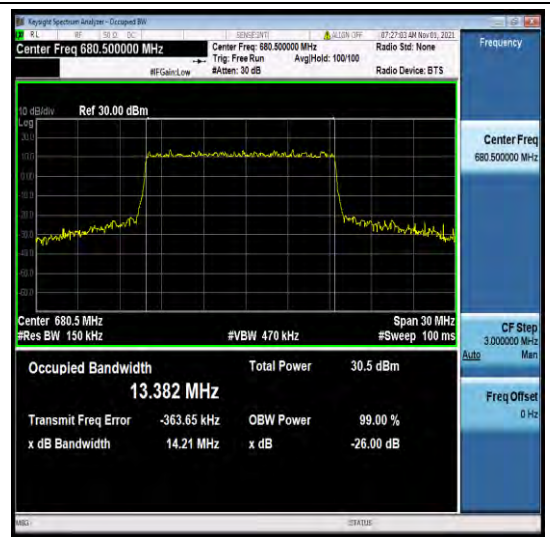


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Test Report No.: W7L-P20210616-3RF06



1-N71-15kHz-15MHz-DFT-16QAM-Low-Outer\_Full-Ant1-PASS



1-N71-15kHz-15MHz-DFT-16QAM-Mid-Outer\_Full-Ant1-PASS



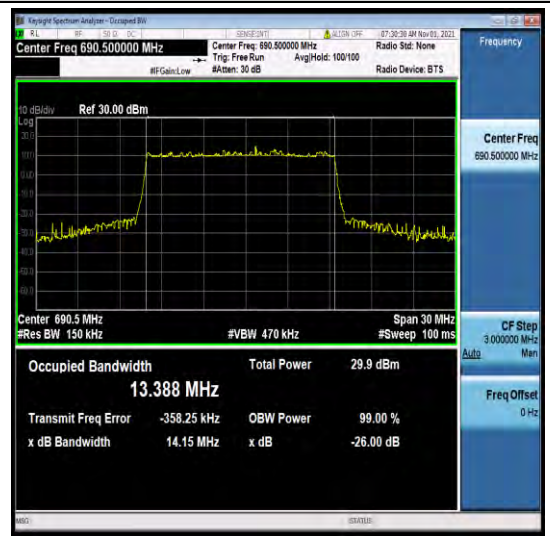
1-N71-15kHz-15MHz-DFT-16QAM-High-Outer\_Full-Ant1-PASS



1-N71-15kHz-15MHz-DFT-64QAM-Low-Outer\_Full-Ant1-PASS



1-N71-15kHz-15MHz-DFT-64QAM-Mid-Outer

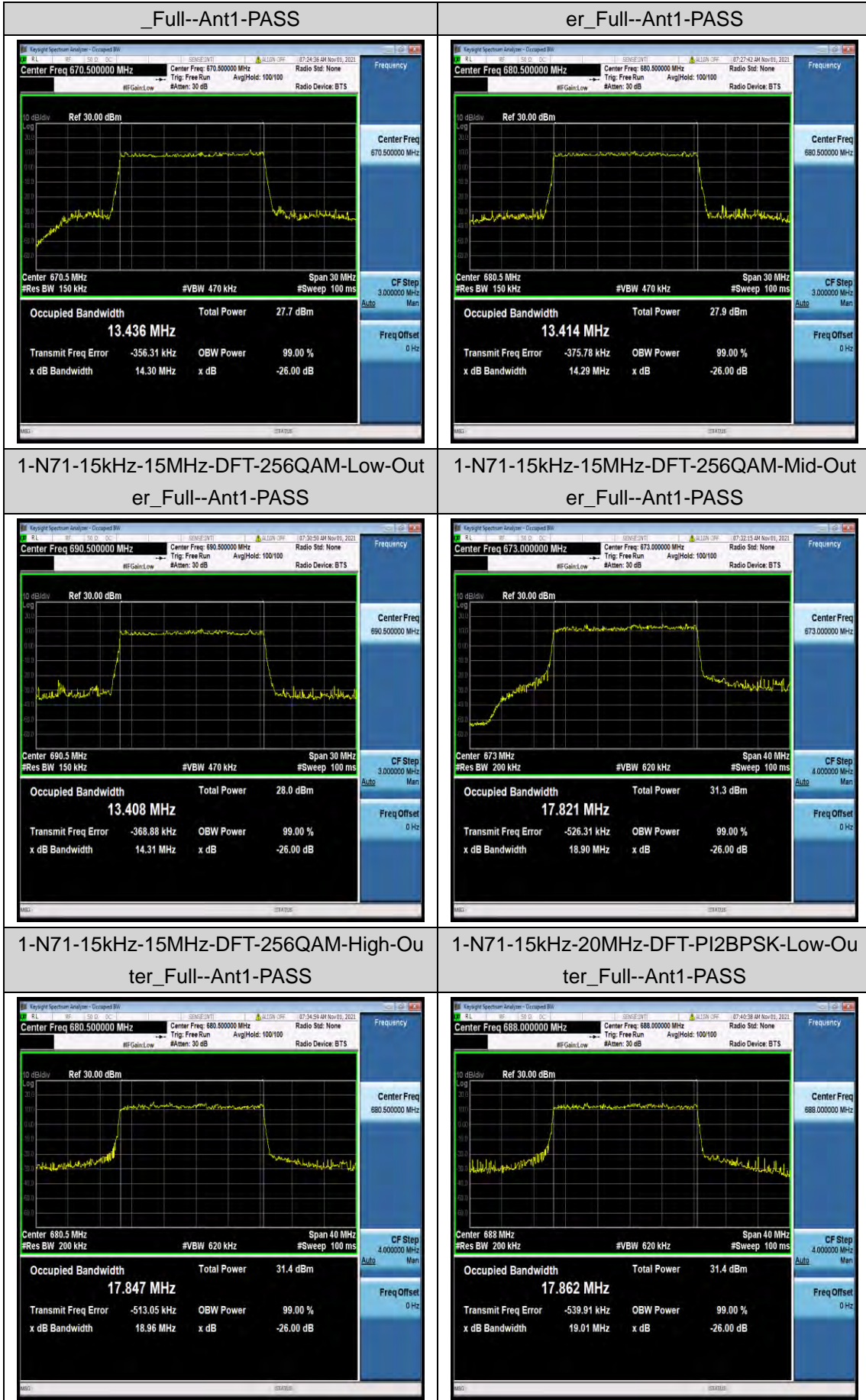


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<p>1-N71-15kHz-20MHz-DFT-PI2BPSK-Mid-Out er_Full--Ant1-PASS</p>	<p>1-N71-15kHz-20MHz-DFT-PI2BPSK-High-Ou ter_Full--Ant1-PASS</p>
<p>Center Freq: 673.000000 MHz #Res BW: 200 kHz #VBW: 620 kHz Span: 40 MHz #Sweep: 100 ms</p> <p>Occupied Bandwidth: 17.826 MHz Total Power: 31.3 dBm Transmit Freq Error: -526.00 kHz OBW Power: 99.00 % x dB Bandwidth: 18.75 MHz x dB: -26.00 dB</p>	<p>Center Freq: 680.500000 MHz #Res BW: 200 kHz #VBW: 620 kHz Span: 40 MHz #Sweep: 100 ms</p> <p>Occupied Bandwidth: 17.802 MHz Total Power: 31.4 dBm Transmit Freq Error: -519.65 kHz OBW Power: 99.00 % x dB Bandwidth: 18.83 MHz x dB: -26.00 dB</p>
<p>1-N71-15kHz-20MHz-DFT-QPSK-Low-Outer _Full--Ant1-PASS</p>	<p>1-N71-15kHz-20MHz-DFT-QPSK-Mid-Outer_ Full--Ant1-PASS</p>
<p>Center Freq: 688.000000 MHz #Res BW: 200 kHz #VBW: 620 kHz Span: 40 MHz #Sweep: 100 ms</p> <p>Occupied Bandwidth: 17.831 MHz Total Power: 31.5 dBm Transmit Freq Error: -535.96 kHz OBW Power: 99.00 % x dB Bandwidth: 18.91 MHz x dB: -26.00 dB</p>	<p>Center Freq: 673.000000 MHz #Res BW: 200 kHz #VBW: 620 kHz Span: 40 MHz #Sweep: 100 ms</p> <p>Occupied Bandwidth: 17.832 MHz Total Power: 30.4 dBm Transmit Freq Error: -525.20 kHz OBW Power: 99.00 % x dB Bandwidth: 18.67 MHz x dB: -26.00 dB</p>
<p>1-N71-15kHz-20MHz-DFT-QPSK-High-Outer _Full--Ant1-PASS</p>	<p>1-N71-15kHz-20MHz-DFT-16QAM-Low-Outer _Full--Ant1-PASS</p>





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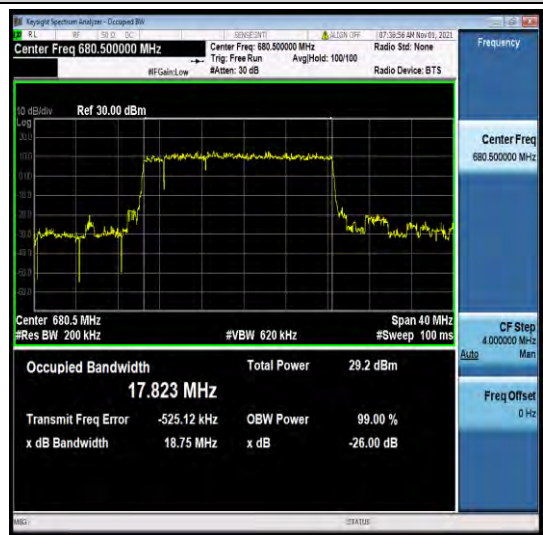


1-N71-15kHz-20MHz-DFT-16QAM-Mid-Outer\_Full--Ant1-PASS

1-N71-15kHz-20MHz-DFT-16QAM-High-Outer\_Full--Ant1-PASS



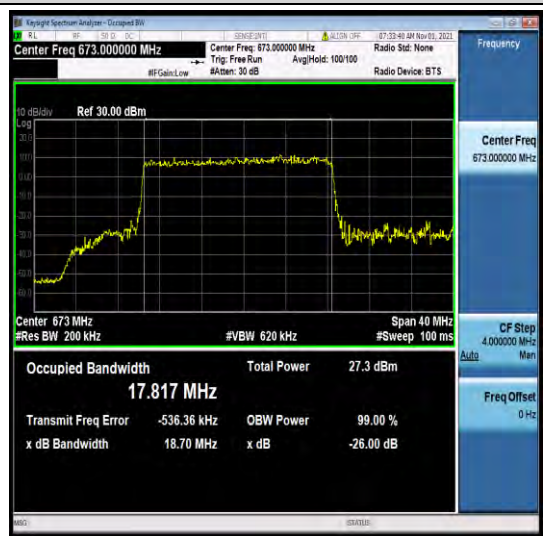
1-N71-15kHz-20MHz-DFT-64QAM-Low-Outer\_Full--Ant1-PASS



1-N71-15kHz-20MHz-DFT-64QAM-Mid-Outer\_Full--Ant1-PASS



1-N71-15kHz-20MHz-DFT-64QAM-High-Outer

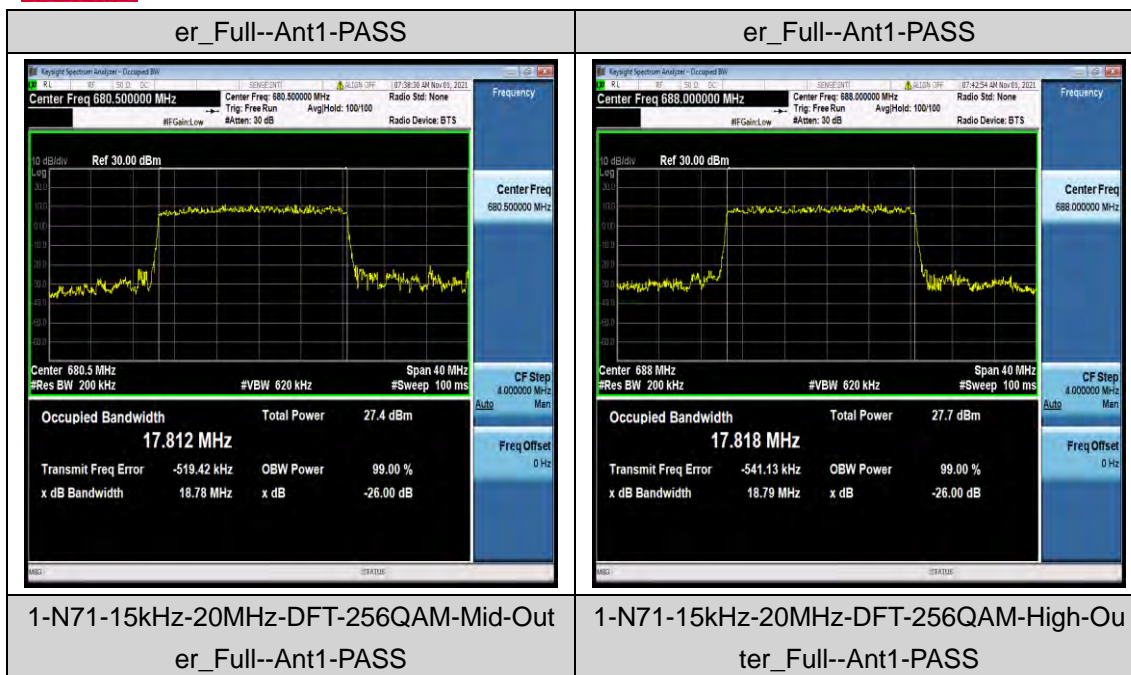


1-N71-15kHz-20MHz-DFT-256QAM-Low-Outer

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## 2.4 N77

### 2.4.1 Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77	30kHz	20MHz	DFT-PI2BPS K	Low	Outer_Full	17.829	19.21	PASS
N77	30kHz	20MHz	DFT-PI2BPS K	Mid	Outer_Full	17.834	19.20	PASS
N77	30kHz	20MHz	DFT-PI2BPS K	High	Outer_Full	17.851	19.29	PASS
N77	30kHz	20MHz	DFT-QPSK	Low	Outer_Full	17.878	19.47	PASS
N77	30kHz	20MHz	DFT-QPSK	Mid	Outer_Full	17.829	19.11	PASS
N77	30kHz	20MHz	DFT-QPSK	High	Outer_Full	17.834	19.15	PASS
N77	30kHz	20MHz	DFT-16QAM	Low	Outer_Full	17.872	19.31	PASS
N77	30kHz	20MHz	DFT-16QAM	Mid	Outer_Full	17.873	19.29	PASS
N77	30kHz	20MHz	DFT-16QAM	High	Outer_Full	17.877	19.42	PASS
N77	30kHz	20MHz	DFT-64QAM	Low	Outer_Full	17.858	19.06	PASS
N77	30kHz	20MHz	DFT-64QAM	Mid	Outer_Full	17.894	19.35	PASS
N77	30kHz	20MHz	DFT-64QAM	High	Outer_Full	17.869	19.00	PASS
N77	30kHz	20MHz	DFT-256QA M	Low	Outer_Full	17.815	19.13	PASS
N77	30kHz	20MHz	DFT-256QA M	Mid	Outer_Full	17.827	18.99	PASS
N77	30kHz	20MHz	DFT-256QA M	High	Outer_Full	17.838	19.26	PASS



**Test Report No.: W7L-P20210616-3RF06**

N77	30kHz	30MHz	DFT-PI2BPS K	Low	Outer_Full	26.754	28.49	PASS
N77	30kHz	30MHz	DFT-PI2BPS K	Mid	Outer_Full	26.748	28.44	PASS
N77	30kHz	30MHz	DFT-PI2BPS K	High	Outer_Full	26.762	28.49	PASS
N77	30kHz	30MHz	DFT-QPSK	Low	Outer_Full	26.882	28.69	PASS
N77	30kHz	30MHz	DFT-QPSK	Mid	Outer_Full	26.865	28.66	PASS
N77	30kHz	30MHz	DFT-QPSK	High	Outer_Full	26.838	28.56	PASS
N77	30kHz	30MHz	DFT-16QAM	Low	Outer_Full	26.829	28.47	PASS
N77	30kHz	30MHz	DFT-16QAM	Mid	Outer_Full	26.807	28.41	PASS
N77	30kHz	30MHz	DFT-16QAM	High	Outer_Full	26.805	28.55	PASS
N77	30kHz	30MHz	DFT-64QAM	Low	Outer_Full	26.782	28.49	PASS
N77	30kHz	30MHz	DFT-64QAM	Mid	Outer_Full	26.761	27.96	PASS
N77	30kHz	30MHz	DFT-64QAM	High	Outer_Full	26.769	27.98	PASS
N77	30kHz	30MHz	DFT-256QA M	Low	Outer_Full	26.845	28.54	PASS
N77	30kHz	30MHz	DFT-256QA M	Mid	Outer_Full	26.806	28.56	PASS
N77	30kHz	30MHz	DFT-256QA M	High	Outer_Full	26.864	28.39	PASS
N77	30kHz	40MHz	DFT-PI2BPS K	Low	Outer_Full	35.744	37.88	PASS
N77	30kHz	40MHz	DFT-PI2BPS K	Mid	Outer_Full	35.720	37.80	PASS
N77	30kHz	40MHz	DFT-PI2BPS K	High	Outer_Full	35.701	37.68	PASS
N77	30kHz	40MHz	DFT-QPSK	Low	Outer_Full	35.709	37.90	PASS
N77	30kHz	40MHz	DFT-QPSK	Mid	Outer_Full	35.745	37.70	PASS
N77	30kHz	40MHz	DFT-QPSK	High	Outer_Full	35.673	41.03	PASS
N77	30kHz	40MHz	DFT-16QAM	Low	Outer_Full	35.752	37.45	PASS
N77	30kHz	40MHz	DFT-16QAM	Mid	Outer_Full	35.665	37.62	PASS
N77	30kHz	40MHz	DFT-16QAM	High	Outer_Full	35.702	39.85	PASS
N77	30kHz	40MHz	DFT-64QAM	Low	Outer_Full	35.691	37.60	PASS
N77	30kHz	40MHz	DFT-64QAM	Mid	Outer_Full	35.716	37.78	PASS
N77	30kHz	40MHz	DFT-64QAM	High	Outer_Full	35.736	37.55	PASS
N77	30kHz	40MHz	DFT-256QA M	Low	Outer_Full	35.642	37.52	PASS
N77	30kHz	40MHz	DFT-256QA M	Mid	Outer_Full	35.631	37.57	PASS
N77	30kHz	40MHz	DFT-256QA M	High	Outer_Full	37.801	39.20	PASS
N77	30kHz	50MHz	DFT-PI2BPS	Low	Outer_Full	45.664	48.03	PASS



**Test Report No.: W7L-P20210616-3RF06**

			K					
N77	30kHz	50MHz	DFT-PI2BPS K	Mid	Outer_Full	45.703	48.11	PASS
N77	30kHz	50MHz	DFT-PI2BPS K	High	Outer_Full	45.679	48.04	PASS
N77	30kHz	50MHz	DFT-QPSK	Low	Outer_Full	45.717	48.05	PASS
N77	30kHz	50MHz	DFT-QPSK	Mid	Outer_Full	45.647	48.24	PASS
N77	30kHz	50MHz	DFT-QPSK	High	Outer_Full	45.673	48.07	PASS
N77	30kHz	50MHz	DFT-16QAM	Low	Outer_Full	45.672	47.91	PASS
N77	30kHz	50MHz	DFT-16QAM	Mid	Outer_Full	45.622	47.75	PASS
N77	30kHz	50MHz	DFT-16QAM	High	Outer_Full	45.664	47.55	PASS
N77	30kHz	50MHz	DFT-64QAM	Low	Outer_Full	45.698	47.73	PASS
N77	30kHz	50MHz	DFT-64QAM	Mid	Outer_Full	45.732	48.04	PASS
N77	30kHz	50MHz	DFT-64QAM	High	Outer_Full	45.699	47.62	PASS
N77	30kHz	50MHz	DFT-256QA M	Low	Outer_Full	45.750	47.93	PASS
N77	30kHz	50MHz	DFT-256QA M	Mid	Outer_Full	45.742	47.78	PASS
N77	30kHz	50MHz	DFT-256QA M	High	Outer_Full	45.735	47.78	PASS
N77	30kHz	60MHz	DFT-PI2BPS K	Low	Outer_Full	57.747	60.58	PASS
N77	30kHz	60MHz	DFT-PI2BPS K	Mid	Outer_Full	57.707	60.53	PASS
N77	30kHz	60MHz	DFT-PI2BPS K	High	Outer_Full	57.712	60.35	PASS
N77	30kHz	60MHz	DFT-QPSK	Low	Outer_Full	57.735	60.50	PASS
N77	30kHz	60MHz	DFT-QPSK	Mid	Outer_Full	57.707	60.49	PASS
N77	30kHz	60MHz	DFT-QPSK	High	Outer_Full	57.674	60.45	PASS
N77	30kHz	60MHz	DFT-16QAM	Low	Outer_Full	57.871	60.45	PASS
N77	30kHz	60MHz	DFT-16QAM	Mid	Outer_Full	57.924	61.83	PASS
N77	30kHz	60MHz	DFT-16QAM	High	Outer_Full	57.870	60.52	PASS
N77	30kHz	60MHz	DFT-64QAM	Low	Outer_Full	57.839	60.38	PASS
N77	30kHz	60MHz	DFT-64QAM	Mid	Outer_Full	57.873	70.23	PASS
N77	30kHz	60MHz	DFT-64QAM	High	Outer_Full	57.781	59.84	PASS
N77	30kHz	60MHz	DFT-256QA M	Low	Outer_Full	57.749	60.40	PASS
N77	30kHz	60MHz	DFT-256QA M	Mid	Outer_Full	57.790	60.47	PASS
N77	30kHz	60MHz	DFT-256QA M	High	Outer_Full	57.659	60.15	PASS
N77	30kHz	70MHz	DFT-PI2BPS K	Low	Outer_Full	57.783	60.56	PASS



**Test Report No.: W7L-P20210616-3RF06**

N77	30kHz	70MHz	DFT-PI2BPS K	Mid	Outer_Full	57.744	60.57	PASS
N77	30kHz	70MHz	DFT-PI2BPS K	High	Outer_Full	57.727	60.55	PASS
N77	30kHz	70MHz	DFT-QPSK	Low	Outer_Full	57.797	60.49	PASS
N77	30kHz	70MHz	DFT-QPSK	Mid	Outer_Full	57.808	60.47	PASS
N77	30kHz	70MHz	DFT-QPSK	High	Outer_Full	57.767	60.51	PASS
N77	30kHz	70MHz	DFT-16QAM	Low	Outer_Full	57.902	60.62	PASS
N77	30kHz	70MHz	DFT-16QAM	Mid	Outer_Full	57.871	68.95	PASS
N77	30kHz	70MHz	DFT-16QAM	High	Outer_Full	57.827	60.58	PASS
N77	30kHz	70MHz	DFT-64QAM	Low	Outer_Full	57.906	60.42	PASS
N77	30kHz	70MHz	DFT-64QAM	Mid	Outer_Full	57.884	84.92	PASS
N77	30kHz	70MHz	DFT-64QAM	High	Outer_Full	57.845	60.61	PASS
N77	30kHz	70MHz	DFT-256QA M	Low	Outer_Full	57.762	60.32	PASS
N77	30kHz	70MHz	DFT-256QA M	Mid	Outer_Full	57.830	116.7	PASS
N77	30kHz	70MHz	DFT-256QA M	High	Outer_Full	57.740	60.29	PASS
N77	30kHz	80MHz	DFT-PI2BPS K	Low	Outer_Full	77.099	80.39	PASS
N77	30kHz	80MHz	DFT-PI2BPS K	Mid	Outer_Full	77.072	131.8	PASS
N77	30kHz	80MHz	DFT-PI2BPS K	High	Outer_Full	77.414	80.01	PASS
N77	30kHz	80MHz	DFT-QPSK	Low	Outer_Full	77.057	80.11	PASS
N77	30kHz	80MHz	DFT-QPSK	Mid	Outer_Full	77.016	79.95	PASS
N77	30kHz	80MHz	DFT-QPSK	High	Outer_Full	77.011	80.17	PASS
N77	30kHz	80MHz	DFT-16QAM	Low	Outer_Full	77.186	82.85	PASS
N77	30kHz	80MHz	DFT-16QAM	Mid	Outer_Full	77.392	80.09	PASS
N77	30kHz	80MHz	DFT-16QAM	High	Outer_Full	77.251	96.26	PASS
N77	30kHz	80MHz	DFT-64QAM	Low	Outer_Full	77.034	87.41	PASS
N77	30kHz	80MHz	DFT-64QAM	Mid	Outer_Full	77.399	80.03	PASS
N77	30kHz	80MHz	DFT-64QAM	High	Outer_Full	76.948	80.17	PASS
N77	30kHz	80MHz	DFT-256QA M	Low	Outer_Full	76.945	79.94	PASS
N77	30kHz	80MHz	DFT-256QA M	Mid	Outer_Full	77.392	80.09	PASS
N77	30kHz	80MHz	DFT-256QA M	High	Outer_Full	76.972	80.13	PASS
N77	30kHz	90MHz	DFT-PI2BPS K	Low	Outer_Full	85.545	88.68	PASS
N77	30kHz	90MHz	DFT-PI2BPS	Mid	Outer_Full	85.436	88.70	PASS

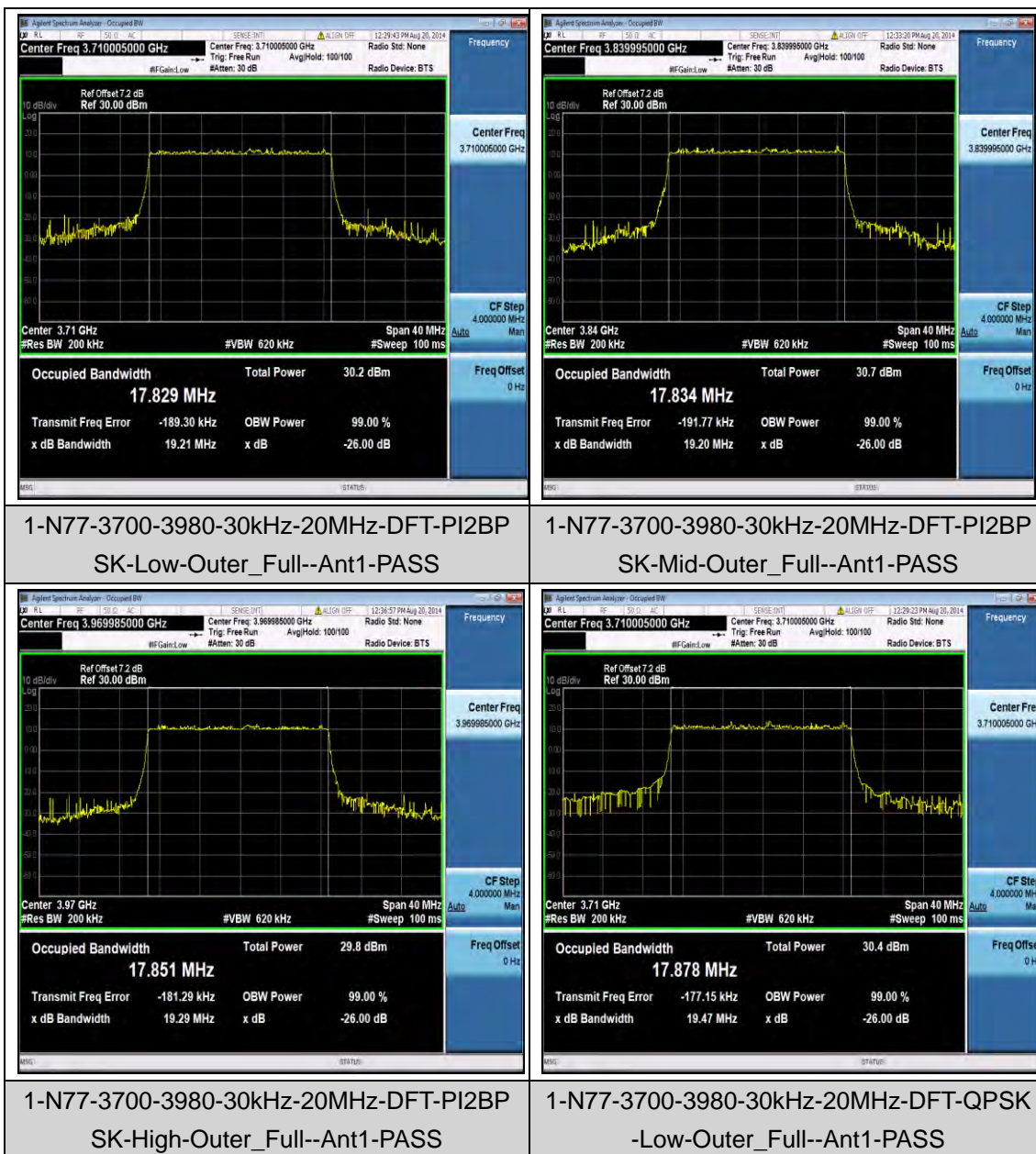


**Test Report No.: W7L-P20210616-3RF06**

			K					
N77	30kHz	90MHz	DFT-PI2BPS K	High	Outer_Full	85.493	89.18	PASS
N77	30kHz	90MHz	DFT-QPSK	Low	Outer_Full	85.551	88.92	PASS
N77	30kHz	90MHz	DFT-QPSK	Mid	Outer_Full	85.648	88.96	PASS
N77	30kHz	90MHz	DFT-QPSK	High	Outer_Full	85.655	89.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Low	Outer_Full	85.810	88.95	PASS
N77	30kHz	90MHz	DFT-16QAM	Mid	Outer_Full	85.514	96.62	PASS
N77	30kHz	90MHz	DFT-16QAM	High	Outer_Full	87.407	90.37	PASS
N77	30kHz	90MHz	DFT-64QAM	Low	Outer_Full	85.623	117.9	PASS
N77	30kHz	90MHz	DFT-64QAM	Mid	Outer_Full	85.572	105.7	PASS
N77	30kHz	90MHz	DFT-64QAM	High	Outer_Full	87.411	90.36	PASS
N77	30kHz	90MHz	DFT-256QA M	Low	Outer_Full	85.638	88.81	PASS
N77	30kHz	90MHz	DFT-256QA M	Mid	Outer_Full	85.459	88.91	PASS
N77	30kHz	90MHz	DFT-256QA M	High	Outer_Full	85.515	88.96	PASS
N77	30kHz	100MHz	DFT-PI2BPS K	Low	Outer_Full	96.237	99.77	PASS
N77	30kHz	100MHz	DFT-PI2BPS K	Mid	Outer_Full	96.213	99.89	PASS
N77	30kHz	100MHz	DFT-PI2BPS K	High	Outer_Full	97.397	100.7	PASS
N77	30kHz	100MHz	DFT-QPSK	Low	Outer_Full	96.154	100.0	PASS
N77	30kHz	100MHz	DFT-QPSK	Mid	Outer_Full	96.208	99.96	PASS
N77	30kHz	100MHz	DFT-QPSK	High	Outer_Full	96.157	100.0	PASS
N77	30kHz	100MHz	DFT-16QAM	Low	Outer_Full	97.460	100.7	PASS
N77	30kHz	100MHz	DFT-16QAM	Mid	Outer_Full	97.353	100.7	PASS
N77	30kHz	100MHz	DFT-16QAM	High	Outer_Full	96.364	99.68	PASS
N77	30kHz	100MHz	DFT-64QAM	Low	Outer_Full	97.451	100.7	PASS
N77	30kHz	100MHz	DFT-64QAM	Mid	Outer_Full	97.334	100.7	PASS
N77	30kHz	100MHz	DFT-64QAM	High	Outer_Full	96.290	99.73	PASS
N77	30kHz	100MHz	DFT-256QA M	Low	Outer_Full	96.415	99.97	PASS
N77	30kHz	100MHz	DFT-256QA M	Mid	Outer_Full	96.319	100.1	PASS
N77	30kHz	100MHz	DFT-256QA M	High	Outer_Full	96.175	100.0	PASS



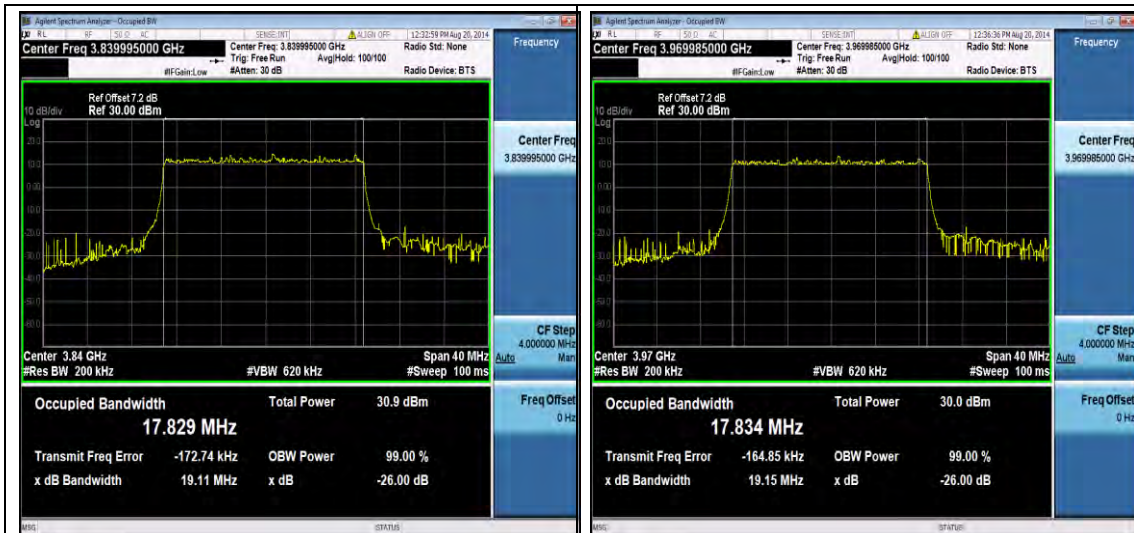
### 2.4.2 Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P20210616-3RF06



1-N77-3700-3980-30kHz-20MHz-DFT-QPSK  
Mid-Outer\_Full--Ant1-PASS

1-N77-3700-3980-30kHz-20MHz-DFT-QPSK  
-High-Outer\_Full--Ant1-PASS



1-N77-3700-3980-30kHz-20MHz-DFT-16QA  
M-Low-Outer\_Full--Ant1-PASS

1-N77-3700-3980-30kHz-20MHz-DFT-16QA  
M-Mid-Outer\_Full--Ant1-PASS



1-N77-3700-3980-30kHz-20MHz-DFT-16QA

1-N77-3700-3980-30kHz-20MHz-DFT-64QA

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BUREAU VERITAS

Test Report No.: W7L-P20210616-3RF06



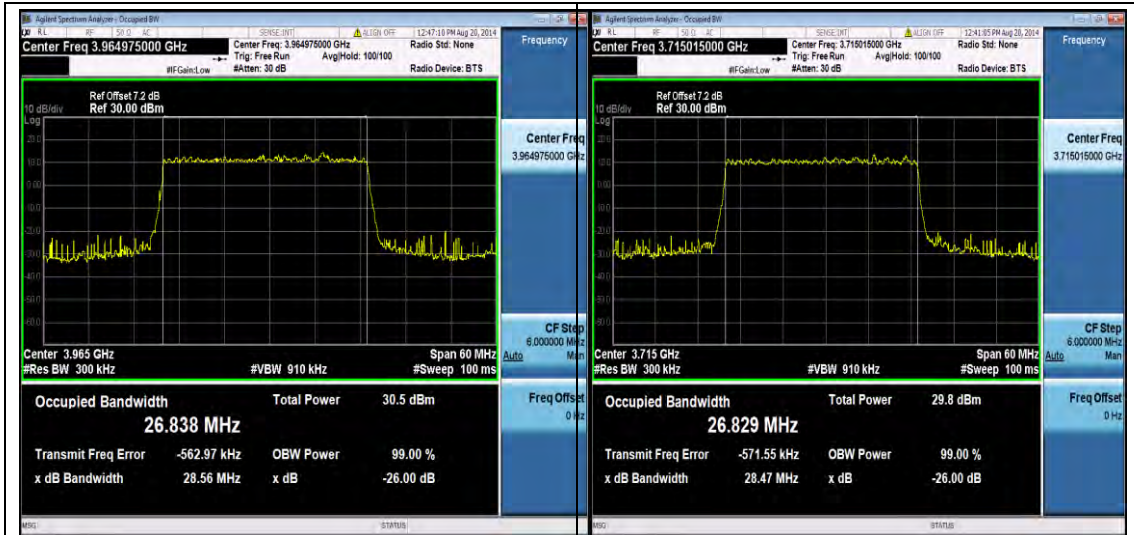
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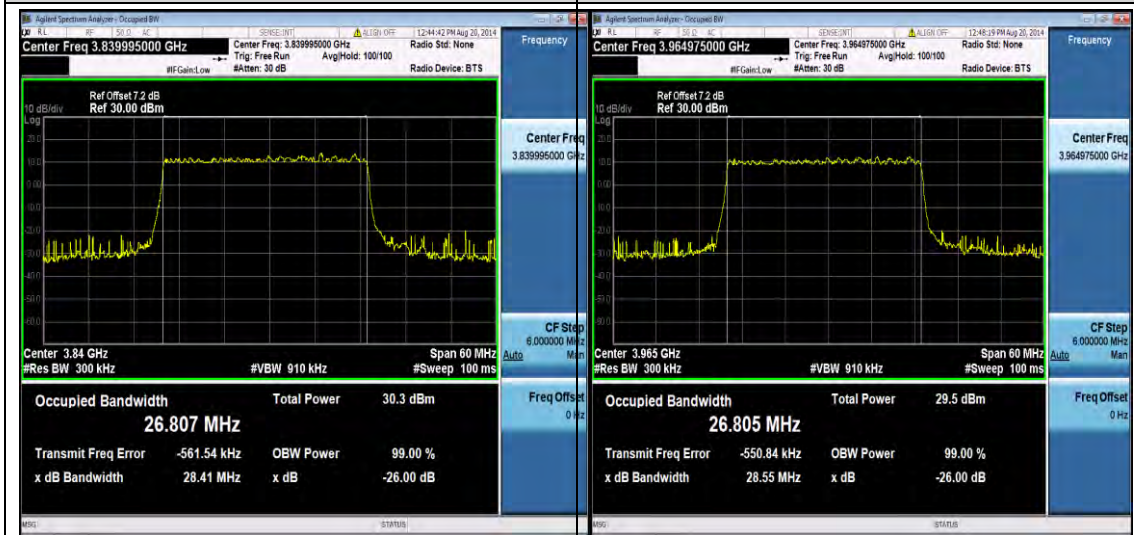


<p>1-N77-3700-3980-30kHz-20MHz-DFT-256QA M-High-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-30MHz-DFT-PI2BP SK-Low-Outer_Full--Ant1-PASS</p>
<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 3.83995000 GHz Ref Offset 7.2 dB Ref 30.00 dBm Occupied Bandwidth 26.748 MHz Total Power 31.2 dBm Transmit Freq Error -524.94 kHz OBW Power 99.00 % x dB Bandwidth 28.44 MHz x dB -26.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 3.964975000 GHz Ref Offset 7.2 dB Ref 30.00 dBm Occupied Bandwidth 26.762 MHz Total Power 30.4 dBm Transmit Freq Error -525.52 kHz OBW Power 99.00 % x dB Bandwidth 28.49 MHz x dB -26.00 dB</p>
<p>1-N77-3700-3980-30kHz-30MHz-DFT-PI2BP SK-Mid-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-30MHz-DFT-PI2BP SK-High-Outer_Full--Ant1-PASS</p>
<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 3.715015000 GHz Ref Offset 7.2 dB Ref 30.00 dBm Occupied Bandwidth 26.882 MHz Total Power 30.7 dBm Transmit Freq Error -556.35 kHz OBW Power 99.00 % x dB Bandwidth 28.69 MHz x dB -26.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq 3.83995000 GHz Ref Offset 7.2 dB Ref 30.00 dBm Occupied Bandwidth 26.865 MHz Total Power 31.3 dBm Transmit Freq Error -557.07 kHz OBW Power 99.00 % x dB Bandwidth 28.66 MHz x dB -26.00 dB</p>
<p>1-N77-3700-3980-30kHz-30MHz-DFT-QPSK- Low-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-30MHz-DFT-QPSK- -Mid-Outer_Full--Ant1-PASS</p>



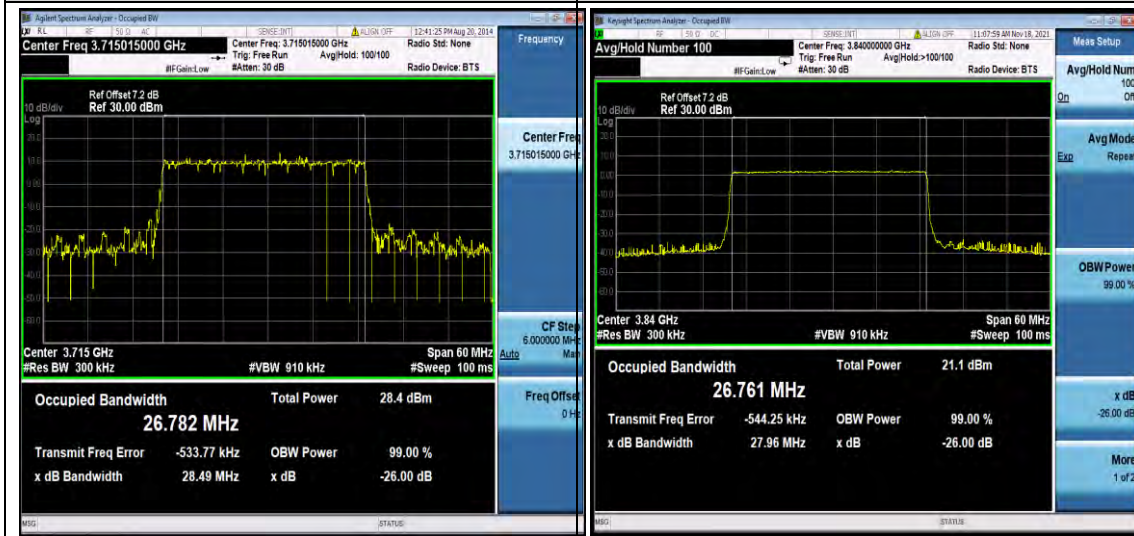
1-N77-3700-3980-30kHz-30MHz-DFT-QPSK-  
High-Outer\_Full--Ant1-PASS

1-N77-3700-3980-30kHz-30MHz-DFT-16QA  
M-Low-Outer\_Full--Ant1-PASS



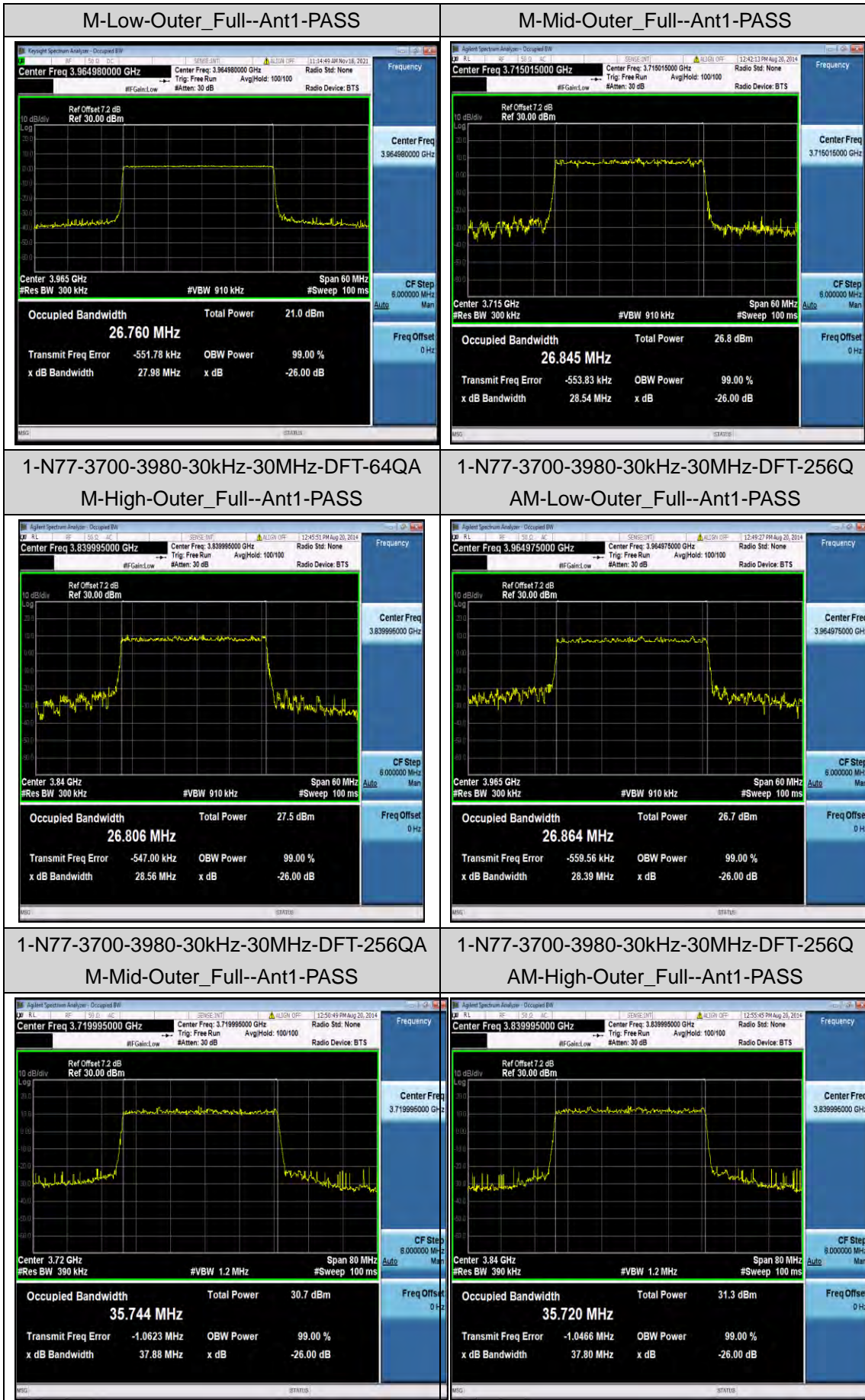
1-N77-3700-3980-30kHz-30MHz-DFT-16QA  
M-Mid-Outer\_Full--Ant1-PASS

1-N77-3700-3980-30kHz-30MHz-DFT-16QA  
M-High-Outer\_Full--Ant1-PASS



1-N77-3700-3980-30kHz-30MHz-DFT-64QA

1-N77-3700-3980-30kHz-30MHz-DFT-64QA





<p>1-N77-3700-3980-30kHz-40MHz-DFT-PI2BP SK-Low-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-40MHz-DFT-PI2BP SK-Mid-Outer_Full--Ant1-PASS</p>
<p>Agilent Spectrum Analyzer - Occupied BW Center Freq: 3.95995000 GHz Ref Offset: 7.2 dB Ref: 30.00 dBm Occupied Bandwidth: 35.701 MHz Total Power: 30.4 dBm Transmit Freq Error: -1.0821 MHz OBW Power: 99.00 % x dB Bandwidth: 37.68 MHz x dB: -26.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq: 3.71995000 GHz Ref Offset: 7.2 dB Ref: 30.00 dBm Occupied Bandwidth: 35.709 MHz Total Power: 30.8 dBm Transmit Freq Error: -1.0505 MHz OBW Power: 99.00 % x dB Bandwidth: 37.90 MHz x dB: -26.00 dB</p>
<p>1-N77-3700-3980-30kHz-40MHz-DFT-PI2BP SK-High-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-40MHz-DFT-QPSK -Low-Outer_Full--Ant1-PASS</p>
<p>Agilent Spectrum Analyzer - Occupied BW Center Freq: 3.83995000 GHz Ref Offset: 7.2 dB Ref: 30.00 dBm Occupied Bandwidth: 35.745 MHz Total Power: 31.5 dBm Transmit Freq Error: -1.0666 MHz OBW Power: 99.00 % x dB Bandwidth: 37.70 MHz x dB: -26.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW Center Freq: 3.95995000 GHz Ref Offset: 7.2 dB Ref: 30.00 dBm Occupied Bandwidth: 35.673 MHz Total Power: 30.6 dBm Transmit Freq Error: -1.0812 MHz OBW Power: 99.00 % x dB Bandwidth: 41.03 MHz x dB: -26.00 dB</p>
<p>1-N77-3700-3980-30kHz-40MHz-DFT-QPSK Mid-Outer_Full--Ant1-PASS</p>	<p>1-N77-3700-3980-30kHz-40MHz-DFT-QPSK -High-Outer_Full--Ant1-PASS</p>