

20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth + 10 MHz Bandwidth/ 4 Carriers

Port	Modulation	Channel	Measured emission (dBm)				
			9 kHz ~ 300 kHz	300 kHz ~ 30 MHz	30 MHz ~ 3 550 MHz	3 700 MHz ~ 18 GHz	18 GHz ~ 40 GHz
Port 0	QPSK	Low	-87.359	-95.153	-88.507	-83.073	-72.283
		Middle	-87.582	-95.872	-87.981	-82.697	-72.474
		High	-86.882	-93.425	-88.009	-82.193	-72.295
	16QAM	Low	-86.601	-95.436	-88.240	-83.175	-72.240
		Middle	-87.545	-95.070	-88.335	-82.030	-72.389
		High	-86.570	-94.798	-88.146	-82.768	-71.839
	64QAM	Low	-86.685	-95.609	-88.109	-82.513	-71.630
		Middle	-87.086	-94.890	-88.186	-83.556	-72.557
		High	-86.395	-95.023	-88.158	-82.353	-71.993
	256QAM	Low	-86.853	-94.654	-87.725	-83.009	-71.946
		Middle	-86.780	-95.386	-88.390	-82.535	-71.752
		High	-86.651	-95.225	-88.489	-83.387	-71.616
Port 1	QPSK	Low	-87.290	-95.165	-88.772	-83.321	-72.232
		Middle	-87.553	-94.911	-87.551	-82.675	-71.768
		High	-86.790	-94.043	-88.109	-83.086	-71.686
	16QAM	Low	-86.662	-95.438	-88.026	-82.680	-71.737
		Middle	-87.105	-94.754	-87.899	-82.358	-72.285
		High	-87.159	-95.612	-88.507	-83.254	-72.519
	64QAM	Low	-86.573	-95.247	-88.395	-83.035	-72.487
		Middle	-85.790	-95.226	-87.897	-82.444	-71.163
		High	-86.731	-94.992	-88.126	-82.901	-72.371
	256QAM	Low	-87.108	-94.685	-88.097	-82.374	-72.012
		Middle	-86.320	-94.376	-87.822	-83.353	-72.411
		High	-87.345	-95.158	-88.242	-82.026	-72.257
Port 2	QPSK	Low	-86.933	-95.055	-88.197	-83.099	-72.223
		Middle	-86.296	-95.297	-86.678	-83.034	-72.317
		High	-86.525	-94.431	-86.892	-82.557	-72.345
	16QAM	Low	-86.450	-95.071	-88.246	-83.138	-71.800
		Middle	-87.271	-94.948	-88.142	-82.824	-72.228
		High	-86.932	-95.400	-88.213	-82.526	-72.481
	64QAM	Low	-87.313	-95.307	-87.403	-81.962	-71.228
		Middle	-86.639	-95.098	-87.681	-83.125	-72.084
		High	-85.678	-94.906	-87.740	-82.526	-71.724
	256QAM	Low	-86.297	-95.221	-88.163	-82.829	-71.394

Port	Modulation	Channel	Measured emission (dBm)				
			9 kHz ~ 300 kHz	300 kHz ~ 30 MHz	30 MHz ~ 3 550 MHz	3 700 MHz ~ 18 GHz	18 GHz ~ 40 GHz
Port 3		Middle	-86.548	-95.308	-87.863	-83.026	-71.268
		High	-86.202	-94.905	-88.938	-82.798	-71.768
		Low	-87.818	-94.886	-87.865	-82.652	-72.292
	QPSK	Middle	-87.316	-95.002	-87.285	-82.169	-71.034
		High	-86.583	-94.743	-87.349	-82.550	-71.958
		Low	-85.993	-94.579	-86.994	-81.728	-72.196
	16QAM	Middle	-86.336	-94.646	-87.322	-81.995	-71.351
		High	-85.771	-94.443	-88.384	-81.731	-71.852
		Low	-86.965	-94.436	-88.507	-82.426	-71.962
	64QAM	Middle	-86.693	-93.913	-88.299	-82.054	-71.882
		High	-86.992	-94.255	-88.109	-82.575	-71.649
		Low	-87.584	-94.268	-88.295	-82.397	-72.265
	256QAM	Middle	-86.800	-95.368	-88.757	-82.431	-72.462
		High	-86.713	-94.414	-88.215	-82.143	-72.466
		Low	-87.584	-94.268	-88.295	-82.397	-72.265

*This test report only contains the worst case plot data for each port and modulation.

20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth/ 4 Carriers

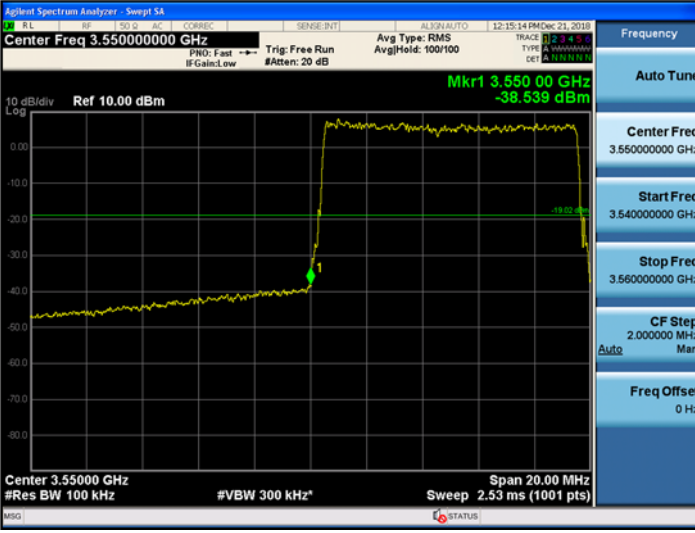
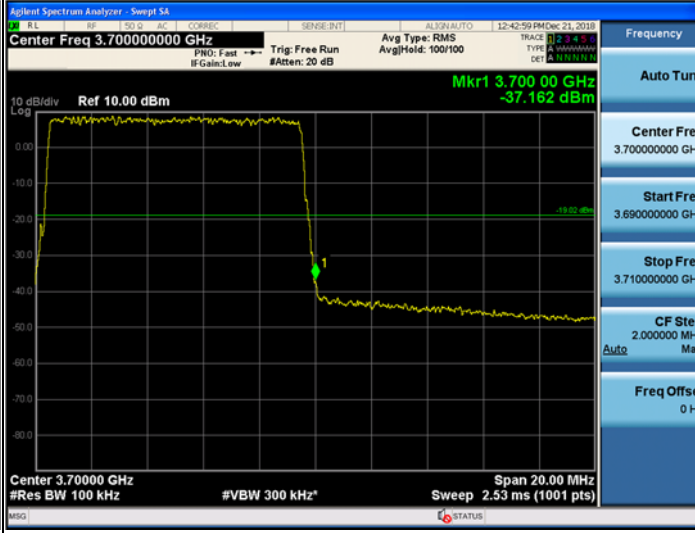
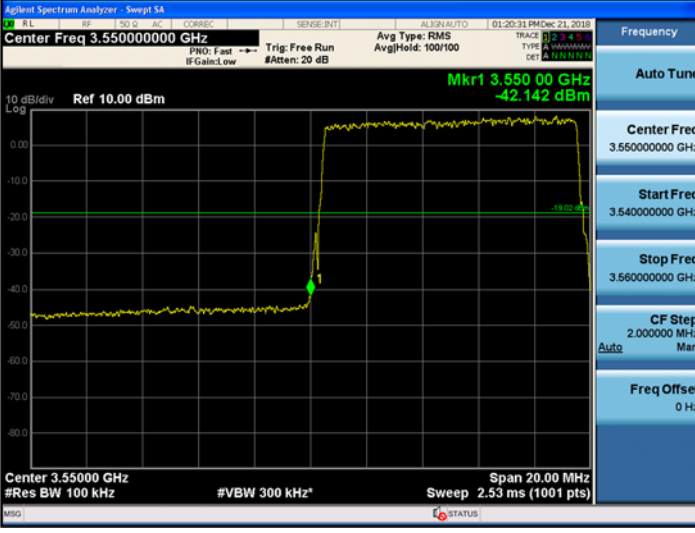
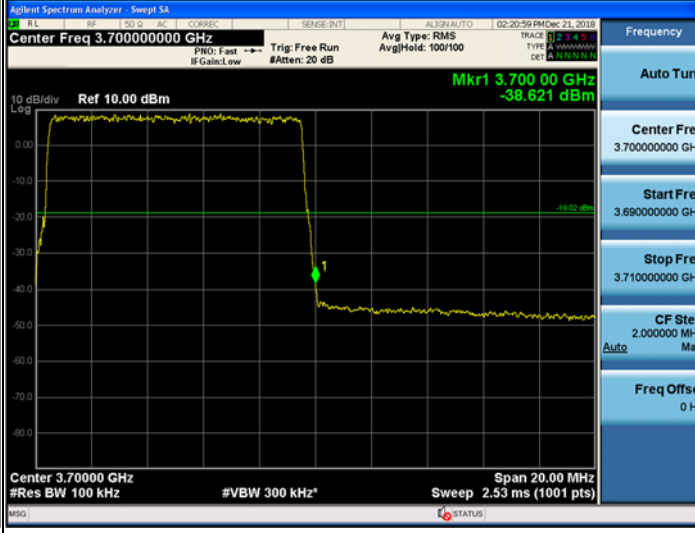
Port	Modulation	Channel	Measured emission (dBm)				
			9 kHz ~ 300 kHz	300 kHz ~ 30 MHz	30 MHz ~ 3 550 MHz	3 700 MHz ~ 18 GHz	18 GHz ~ 40 GHz
Port 0	QPSK	Low	-87.744	-94.592	-88.040	-82.671	-72.002
		Middle	-85.961	-94.137	-87.841	-82.413	-72.756
		High	-87.057	-94.108	-88.459	-82.497	-72.200
	16QAM	Low	-86.687	-93.911	-88.120	-82.650	-72.334
		Middle	-87.980	-94.629	-88.457	-82.719	-71.738
		High	-87.524	-94.741	-88.907	-82.899	-72.033
	64QAM	Low	-86.132	-94.361	-86.949	-81.716	-72.073
		Middle	-86.962	-94.860	-87.868	-81.442	-72.185
		High	-85.332	-94.552	-87.590	-82.481	-72.397
	256QAM	Low	-86.658	-94.801	-87.553	-82.442	-71.886
		Middle	-86.311	-94.742	-88.580	-82.375	-72.010
		High	-86.705	-93.649	-87.687	-82.434	-72.068
Port 1	QPSK	Low	-86.972	-94.623	-88.696	-82.414	-71.170
		Middle	-87.202	-94.228	-87.577	-82.218	-72.168
		High	-87.664	-94.906	-87.975	-82.472	-72.458
	16QAM	Low	-86.748	-94.333	-86.074	-82.931	-72.594
		Middle	-86.326	-94.359	-87.500	-82.443	-71.675
		High	-86.907	-95.405	-88.685	-81.361	-72.109
	64QAM	Low	-86.352	-94.352	-87.405	-81.664	-72.338
		Middle	-86.229	-94.850	-88.591	-82.606	-72.002
		High	-86.563	-94.130	-88.837	-81.907	-71.602
	256QAM	Low	-86.108	-94.200	-88.001	-82.544	-72.167
		Middle	-87.568	-94.268	-88.295	-81.971	-71.566
		High	-87.210	-94.697	-88.425	-82.152	-71.999
Port 2	QPSK	Low	-85.986	-95.113	-87.115	-82.236	-71.940
		Middle	-86.966	-94.385	-87.404	-81.957	-71.328
		High	-86.569	-94.668	-88.334	-82.892	-71.679
	16QAM	Low	-86.032	-95.135	-87.948	-83.074	-72.348
		Middle	-86.302	-95.278	-88.276	-83.268	-72.456
		High	-86.782	-96.014	-87.839	-82.783	-72.308
	64QAM	Low	-86.962	-95.000	-84.087	-82.816	-71.645
		Middle	-86.539	-95.632	-88.200	-83.205	-72.043
		High	-86.620	-95.717	-87.722	-83.718	-71.874
	256QAM	Low	-87.425	-95.471	-88.417	-82.780	-72.090

Port	Modulation	Channel	Measured emission (dBm)				
			9 kHz ~ 300 kHz	300 kHz ~ 30 MHz	30 MHz ~ 3 550 MHz	3 700 MHz ~ 18 GHz	18 GHz ~ 40 GHz
Port 3		Middle	-87.973	-95.209	-87.427	-81.843	-72.025
		High	-86.155	-95.817	-88.014	-82.737	-72.248
		Low	-87.357	-95.821	-88.347	-82.604	-72.401
	QPSK	Middle	-86.647	-95.647	-88.229	-82.488	-72.160
		High	-87.312	-94.512	-87.862	-82.999	-71.639
		Low	-87.391	-95.389	-86.993	-82.156	-72.175
	16QAM	Middle	-86.546	-95.002	-88.140	-82.598	-72.158
		High	-86.690	-95.597	-88.312	-82.896	-72.239
		Low	-86.697	-95.175	-87.953	-83.305	-72.208
	64QAM	Middle	-87.805	-95.482	-88.320	-82.884	-71.849
		High	-87.869	-95.126	-87.789	-82.842	-72.002
		Low	-86.039	-95.093	-88.011	-83.161	-71.228
	256QAM	Middle	-87.134	-95.923	-88.511	-83.032	-72.203
		High	-86.099	-95.356	-88.001	-82.450	-71.812
		Low	-86.039	-95.093	-88.011	-83.161	-71.228

*This test report only contains the worst case plot data for each port and modulation.

Max Power for External Ant Plots of Band edge
10 MHz Bandwidth / 1 Carriers

Port 0			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 1			
Modulation:		QPSK	
Item:	Left band edge	Item:	Right band edge

Port 2			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
			
Port 3			
Modulation:		QPSK	
Item:	Left band edge	Item:	Right band edge
			

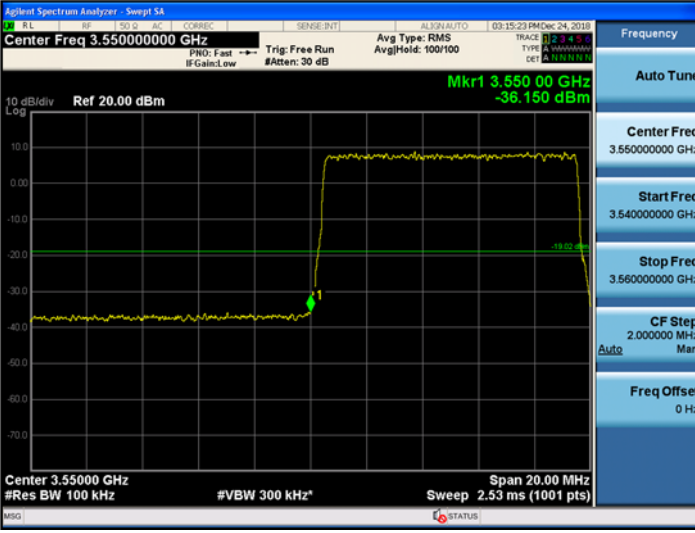
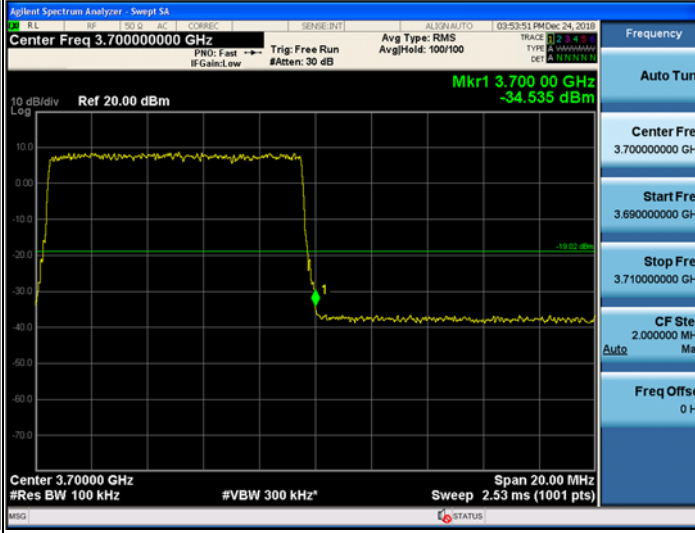
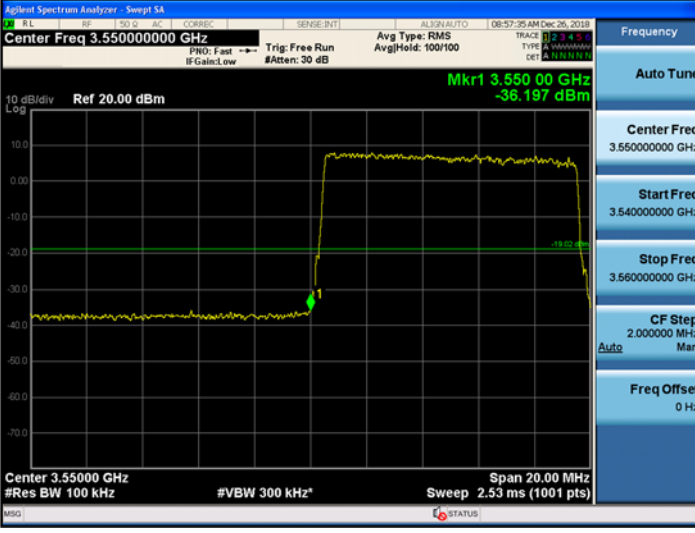
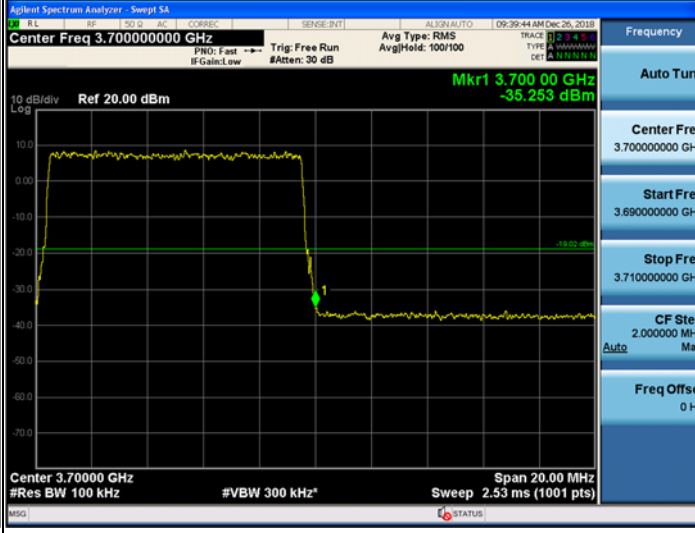
20 MHz Bandwidth / 1 Carriers

Port 0			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 1			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge

Port 2			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 3			
Modulation:		256QAM	
Item:	Left band edge	Item:	Right band edge

10 MHz Bandwidth + 10 MHz Bandwidth / 2 Carriers

Port 0			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 1			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge

Port 2			
Modulation:		256QAM	
Item:	Left band edge	Item:	Right band edge
			
Port 3			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
			

20 MHz Bandwidth + 10 MHz Bandwidth / 2 Carriers

Port 0			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 1			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge

Port 2			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge
Port 3			
Modulation:		64QAM	
Item:	Left band edge	Item:	Right band edge

20 MHz Bandwidth + 20 MHz Bandwidth / 2 Carriers

Port 0			
Modulation:		QPSK	
Item:	Left band edge	Item:	Right band edge
Port 1			
Modulation:		QPSK	
Item:	Left band edge	Item:	Right band edge