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1. Frequency Stability

1.1 B48_5MHz

1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Volt	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3552.5	25	0	20	LV	2.632	0.0007	-2.5 to 2.5	Pass	
					NV	2.532	0.0007	-2.5 to 2.5	Pass	
					HV	3.433	0.0010	-2.5 to 2.5	Pass	
				-30	NV	2.131	0.0006	-2.5 to 2.5	Pass	
					-20	NV	2.503	0.0007	-2.5 to 2.5	Pass
					-10	NV	2.275	0.0006	-2.5 to 2.5	Pass
				0	NV	1.659	0.0005	-2.5 to 2.5	Pass	
					10	NV	2.646	0.0007	-2.5 to 2.5	Pass
					30	NV	2.532	0.0007	-2.5 to 2.5	Pass
				40	NV	1.717	0.0005	-2.5 to 2.5	Pass	
					50	NV	2.246	0.0006	-2.5 to 2.5	Pass
					3625	25	0	20	LV	-0.343
	NV	-1.216	-0.0003	-2.5 to 2.5					Pass	
	HV	-1.287	-0.0004	-2.5 to 2.5					Pass	
	-30	NV	-0.672	-0.0002				-2.5 to 2.5	Pass	
		-20	NV	-1.159				-0.0003	-2.5 to 2.5	Pass
		-10	NV	0.000				0.0000	-2.5 to 2.5	Pass
	0	NV	-0.443	-0.0001				-2.5 to 2.5	Pass	
		10	NV	-0.687				-0.0002	-2.5 to 2.5	Pass
		30	NV	-1.216				-0.0003	-2.5 to 2.5	Pass
	40	NV	0.372	0.0001				-2.5 to 2.5	Pass	
		50	NV	-0.687				-0.0002	-2.5 to 2.5	Pass
		3697.5	25	0				20	LV	0.930
	NV				1.516	0.0004	-2.5 to 2.5		Pass	
	HV				0.486	0.0001	-2.5 to 2.5		Pass	
	-30				NV	1.931	0.0005	-2.5 to 2.5	Pass	
					-20	NV	0.458	0.0001	-2.5 to 2.5	Pass
					-10	NV	0.257	0.0001	-2.5 to 2.5	Pass
	0				NV	0.529	0.0001	-2.5 to 2.5	Pass	
					10	NV	-1.388	-0.0004	-2.5 to 2.5	Pass
30					NV	0.129	0.0000	-2.5 to 2.5	Pass	
40	NV				0.672	0.0002	-2.5 to 2.5	Pass		
	50				NV	0.658	0.0002	-2.5 to 2.5	Pass	
	16QAM				3552.5	25	0	20	LV	2.160
NV		0.958	0.0003	-2.5 to 2.5					Pass	
HV		3.147	0.0009	-2.5 to 2.5					Pass	
-30		NV	2.117	0.0006				-2.5 to 2.5	Pass	
		-20	NV	3.676				0.0010	-2.5 to 2.5	Pass
		-10	NV	3.748				0.0011	-2.5 to 2.5	Pass
0		NV	0.343	0.0001				-2.5 to 2.5	Pass	
		10	NV	-0.257				-0.0001	-2.5 to 2.5	Pass
		30	NV	1.287				0.0004	-2.5 to 2.5	Pass
40		NV	2.446	0.0007				-2.5 to 2.5	Pass	

	3625	25	0	50	NV	2.174	0.0006	-2.5 to 2.5	Pass
				20	LV	-0.486	-0.0001	-2.5 to 2.5	Pass
					NV	0.329	0.0001	-2.5 to 2.5	Pass
					HV	0.758	0.0002	-2.5 to 2.5	Pass
					-30	NV	1.130	0.0003	-2.5 to 2.5
				-20	NV	1.688	0.0005	-2.5 to 2.5	Pass
				-10	NV	-0.315	-0.0001	-2.5 to 2.5	Pass
				0	NV	-1.173	-0.0003	-2.5 to 2.5	Pass
				10	NV	1.016	0.0003	-2.5 to 2.5	Pass
				30	NV	0.243	0.0001	-2.5 to 2.5	Pass
	40	NV	2.174	0.0006	-2.5 to 2.5	Pass			
	50	NV	0.086	0.0000	-2.5 to 2.5	Pass			
	3697.5	25	0	20	LV	0.086	0.0000	-2.5 to 2.5	Pass
					NV	1.960	0.0005	-2.5 to 2.5	Pass
					HV	2.074	0.0006	-2.5 to 2.5	Pass
					-30	NV	2.174	0.0006	-2.5 to 2.5
				-20	NV	0.072	0.0000	-2.5 to 2.5	Pass
				-10	NV	0.200	0.0001	-2.5 to 2.5	Pass
				0	NV	-0.401	-0.0001	-2.5 to 2.5	Pass
				10	NV	-1.059	-0.0003	-2.5 to 2.5	Pass
30				NV	-0.257	-0.0001	-2.5 to 2.5	Pass	
40				NV	1.087	0.0003	-2.5 to 2.5	Pass	
50	NV	-0.629	-0.0002	-2.5 to 2.5	Pass				
64QAM	3552.5	25	0	20	LV	4.349	0.0012	-2.5 to 2.5	Pass
					NV	-0.629	-0.0002	-2.5 to 2.5	Pass
					HV	0.529	0.0001	-2.5 to 2.5	Pass
					-30	NV	-0.243	-0.0001	-2.5 to 2.5
				-20	NV	2.446	0.0007	-2.5 to 2.5	Pass
				-10	NV	3.133	0.0009	-2.5 to 2.5	Pass
				0	NV	0.901	0.0003	-2.5 to 2.5	Pass
				10	NV	2.460	0.0007	-2.5 to 2.5	Pass
				30	NV	0.272	0.0001	-2.5 to 2.5	Pass
				40	NV	2.961	0.0008	-2.5 to 2.5	Pass
	50	NV	-0.243	-0.0001	-2.5 to 2.5	Pass			
	3625	25	0	20	LV	1.059	0.0003	-2.5 to 2.5	Pass
					NV	-0.043	0.0000	-2.5 to 2.5	Pass
					HV	0.830	0.0002	-2.5 to 2.5	Pass
					-30	NV	0.744	0.0002	-2.5 to 2.5
				-20	NV	-1.073	-0.0003	-2.5 to 2.5	Pass
				-10	NV	0.887	0.0002	-2.5 to 2.5	Pass
				0	NV	-0.587	-0.0002	-2.5 to 2.5	Pass
				10	NV	1.588	0.0004	-2.5 to 2.5	Pass
				30	NV	-0.057	0.0000	-2.5 to 2.5	Pass
40				NV	1.817	0.0005	-2.5 to 2.5	Pass	
50	NV	0.973	0.0003	-2.5 to 2.5	Pass				
3697.5	25	0	20	LV	1.960	0.0005	-2.5 to 2.5	Pass	
				NV	0.644	0.0002	-2.5 to 2.5	Pass	
				HV	1.817	0.0005	-2.5 to 2.5	Pass	
				-30	NV	0.358	0.0001	-2.5 to 2.5	Pass
			-20	NV	2.675	0.0007	-2.5 to 2.5	Pass	
			-10	NV	1.574	0.0004	-2.5 to 2.5	Pass	
0	NV	1.602	0.0004	-2.5 to 2.5	Pass				



				10	NV	2.046	0.0006	-2.5 to 2.5	Pass
				30	NV	3.905	0.0011	-2.5 to 2.5	Pass
				40	NV	1.659	0.0004	-2.5 to 2.5	Pass
				50	NV	1.802	0.0005	-2.5 to 2.5	Pass

1.2 B48_10MHz

1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Volt	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3555	50	0	20	LV	0.257	0.0001	-2.5 to 2.5	Pass
					NV	-0.200	-0.0001	-2.5 to 2.5	Pass
					HV	-1.044	-0.0003	-2.5 to 2.5	Pass
				-30	NV	-1.645	-0.0005	-2.5 to 2.5	Pass
				-20	NV	-1.473	-0.0004	-2.5 to 2.5	Pass
				-10	NV	2.260	0.0006	-2.5 to 2.5	Pass
				0	NV	-0.887	-0.0002	-2.5 to 2.5	Pass
				10	NV	-0.944	-0.0003	-2.5 to 2.5	Pass
				30	NV	-0.858	-0.0002	-2.5 to 2.5	Pass
				40	NV	-0.329	-0.0001	-2.5 to 2.5	Pass
	50	NV	0.901	0.0003	-2.5 to 2.5	Pass			
	3625	50	0	20	LV	-0.830	-0.0002	-2.5 to 2.5	Pass
					NV	-0.772	-0.0002	-2.5 to 2.5	Pass
					HV	0.100	0.0000	-2.5 to 2.5	Pass
				-30	NV	-0.572	-0.0002	-2.5 to 2.5	Pass
				-20	NV	0.815	0.0002	-2.5 to 2.5	Pass
				-10	NV	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	NV	0.858	0.0002	-2.5 to 2.5	Pass
				10	NV	-0.744	-0.0002	-2.5 to 2.5	Pass
				30	NV	0.343	0.0001	-2.5 to 2.5	Pass
				40	NV	1.345	0.0004	-2.5 to 2.5	Pass
	50	NV	0.272	0.0001	-2.5 to 2.5	Pass			
	3695	50	0	20	LV	0.372	0.0001	-2.5 to 2.5	Pass
					NV	1.359	0.0004	-2.5 to 2.5	Pass
					HV	0.730	0.0002	-2.5 to 2.5	Pass
				-30	NV	-0.286	-0.0001	-2.5 to 2.5	Pass
				-20	NV	1.788	0.0005	-2.5 to 2.5	Pass
				-10	NV	-0.029	0.0000	-2.5 to 2.5	Pass
				0	NV	-0.644	-0.0002	-2.5 to 2.5	Pass
				10	NV	2.675	0.0007	-2.5 to 2.5	Pass
30				NV	0.801	0.0002	-2.5 to 2.5	Pass	
40				NV	1.302	0.0004	-2.5 to 2.5	Pass	
50	NV	1.402	0.0004	-2.5 to 2.5	Pass				
16QAM	3555	50	0	20	LV	2.418	0.0007	-2.5 to 2.5	Pass
					NV	0.701	0.0002	-2.5 to 2.5	Pass
					HV	-0.615	-0.0002	-2.5 to 2.5	Pass
				-30	NV	0.644	0.0002	-2.5 to 2.5	Pass
				-20	NV	-0.916	-0.0003	-2.5 to 2.5	Pass
				-10	NV	-1.616	-0.0005	-2.5 to 2.5	Pass
				0	NV	-0.415	-0.0001	-2.5 to 2.5	Pass
				10	NV	0.515	0.0001	-2.5 to 2.5	Pass
				30	NV	-0.057	0.0000	-2.5 to 2.5	Pass
				40	NV	-0.730	-0.0002	-2.5 to 2.5	Pass
	50	NV	0.572	0.0002	-2.5 to 2.5	Pass			
	3625	50	0	20	LV	-0.529	-0.0001	-2.5 to 2.5	Pass

					NV	1.316	0.0004	-2.5 to 2.5	Pass
					HV	-0.443	-0.0001	-2.5 to 2.5	Pass
				-30	NV	-0.601	-0.0002	-2.5 to 2.5	Pass
				-20	NV	0.544	0.0002	-2.5 to 2.5	Pass
				-10	NV	1.717	0.0005	-2.5 to 2.5	Pass
				0	NV	1.044	0.0003	-2.5 to 2.5	Pass
				10	NV	-0.057	0.0000	-2.5 to 2.5	Pass
				30	NV	1.001	0.0003	-2.5 to 2.5	Pass
				40	NV	-1.345	-0.0004	-2.5 to 2.5	Pass
	50	NV	0.730	0.0002	-2.5 to 2.5	Pass			
	3695	50	0	20	LV	-0.300	-0.0001	-2.5 to 2.5	Pass
					NV	0.772	0.0002	-2.5 to 2.5	Pass
					HV	-0.143	0.0000	-2.5 to 2.5	Pass
				-30	NV	-0.143	0.0000	-2.5 to 2.5	Pass
				-20	NV	0.300	0.0001	-2.5 to 2.5	Pass
				-10	NV	-0.458	-0.0001	-2.5 to 2.5	Pass
				0	NV	2.732	0.0007	-2.5 to 2.5	Pass
				10	NV	1.144	0.0003	-2.5 to 2.5	Pass
30				NV	-0.772	-0.0002	-2.5 to 2.5	Pass	
40	NV	0.243	0.0001	-2.5 to 2.5	Pass				
50	NV	-1.259	-0.0003	-2.5 to 2.5	Pass				
64QAM	3555	50	0	20	LV	1.559	0.0004	-2.5 to 2.5	Pass
					NV	0.572	0.0002	-2.5 to 2.5	Pass
					HV	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	NV	-1.087	-0.0003	-2.5 to 2.5	Pass
				-20	NV	1.230	0.0003	-2.5 to 2.5	Pass
				-10	NV	-1.044	-0.0003	-2.5 to 2.5	Pass
				0	NV	1.245	0.0004	-2.5 to 2.5	Pass
				10	NV	0.815	0.0002	-2.5 to 2.5	Pass
				30	NV	-1.502	-0.0004	-2.5 to 2.5	Pass
	40	NV	-0.014	0.0000	-2.5 to 2.5	Pass			
	50	NV	0.486	0.0001	-2.5 to 2.5	Pass			
	3625	50	0	20	LV	1.903	0.0005	-2.5 to 2.5	Pass
					NV	2.704	0.0007	-2.5 to 2.5	Pass
					HV	-0.114	0.0000	-2.5 to 2.5	Pass
				-30	NV	1.402	0.0004	-2.5 to 2.5	Pass
				-20	NV	-0.644	-0.0002	-2.5 to 2.5	Pass
				-10	NV	-1.044	-0.0003	-2.5 to 2.5	Pass
				0	NV	1.531	0.0004	-2.5 to 2.5	Pass
10				NV	-0.086	0.0000	-2.5 to 2.5	Pass	
30				NV	0.272	0.0001	-2.5 to 2.5	Pass	
40	NV	1.245	0.0003	-2.5 to 2.5	Pass				
50	NV	-0.386	-0.0001	-2.5 to 2.5	Pass				
3695	50	0	20	LV	1.173	0.0003	-2.5 to 2.5	Pass	
				NV	1.216	0.0003	-2.5 to 2.5	Pass	
				HV	-0.043	0.0000	-2.5 to 2.5	Pass	
			-30	NV	0.458	0.0001	-2.5 to 2.5	Pass	
			-20	NV	0.944	0.0003	-2.5 to 2.5	Pass	
			-10	NV	0.472	0.0001	-2.5 to 2.5	Pass	
			0	NV	-1.059	-0.0003	-2.5 to 2.5	Pass	
			10	NV	0.114	0.0000	-2.5 to 2.5	Pass	
			30	NV	-1.116	-0.0003	-2.5 to 2.5	Pass	



				40	NV	2.532	0.0007	-2.5 to 2.5	Pass
				50	NV	-1.760	-0.0005	-2.5 to 2.5	Pass

1.3 B48_15MHz

1.3.1 Test Result

Band: 48 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3557.5	75	0	20	LV	-0.758	-0.0002	-2.5 to 2.5	Pass
					NV	-1.101	-0.0003	-2.5 to 2.5	Pass
					HV	-1.502	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-0.930	-0.0003	-2.5 to 2.5	Pass
				-10	NV	-3.204	-0.0009	-2.5 to 2.5	Pass
				0	NV	-0.286	-0.0001	-2.5 to 2.5	Pass
				10	NV	-0.501	-0.0001	-2.5 to 2.5	Pass
				30	NV	-0.615	-0.0002	-2.5 to 2.5	Pass
				40	NV	-0.958	-0.0003	-2.5 to 2.5	Pass
	50	NV	0.257	0.0001	-2.5 to 2.5	Pass			
	3625	75	0	20	LV	-0.558	-0.0002	-2.5 to 2.5	Pass
					NV	-1.016	-0.0003	-2.5 to 2.5	Pass
					HV	-0.844	-0.0002	-2.5 to 2.5	Pass
				-30	NV	-1.030	-0.0003	-2.5 to 2.5	Pass
				-20	NV	1.745	0.0005	-2.5 to 2.5	Pass
				-10	NV	-0.257	-0.0001	-2.5 to 2.5	Pass
				0	NV	1.760	0.0005	-2.5 to 2.5	Pass
				10	NV	-0.830	-0.0002	-2.5 to 2.5	Pass
				30	NV	0.000	0.0000	-2.5 to 2.5	Pass
				40	NV	1.745	0.0005	-2.5 to 2.5	Pass
	50	NV	-0.257	-0.0001	-2.5 to 2.5	Pass			
	3692.5	75	0	20	LV	-2.346	-0.0006	-2.5 to 2.5	Pass
					NV	0.544	0.0001	-2.5 to 2.5	Pass
					HV	-2.747	-0.0007	-2.5 to 2.5	Pass
				-30	NV	-1.774	-0.0005	-2.5 to 2.5	Pass
				-20	NV	-1.302	-0.0004	-2.5 to 2.5	Pass
				-10	NV	-0.801	-0.0002	-2.5 to 2.5	Pass
				0	NV	-0.830	-0.0002	-2.5 to 2.5	Pass
				10	NV	-0.644	-0.0002	-2.5 to 2.5	Pass
30				NV	-1.659	-0.0004	-2.5 to 2.5	Pass	
40				NV	-0.472	-0.0001	-2.5 to 2.5	Pass	
50	NV	-0.257	-0.0001	-2.5 to 2.5	Pass				
16QAM	3557.5	75	0	20	LV	0.629	0.0002	-2.5 to 2.5	Pass
					NV	-0.672	-0.0002	-2.5 to 2.5	Pass
					HV	0.215	0.0001	-2.5 to 2.5	Pass
				-30	NV	0.272	0.0001	-2.5 to 2.5	Pass
				-20	NV	0.587	0.0002	-2.5 to 2.5	Pass
				-10	NV	-0.730	-0.0002	-2.5 to 2.5	Pass
				0	NV	-2.704	-0.0008	-2.5 to 2.5	Pass
				10	NV	1.845	0.0005	-2.5 to 2.5	Pass
				30	NV	-0.858	-0.0002	-2.5 to 2.5	Pass
				40	NV	-0.615	-0.0002	-2.5 to 2.5	Pass
	50	NV	-0.114	0.0000	-2.5 to 2.5	Pass			
	3625	75	0	20	LV	0.644	0.0002	-2.5 to 2.5	Pass

					NV	-0.472	-0.0001	-2.5 to 2.5	Pass
					HV	1.044	0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.672	-0.0002	-2.5 to 2.5	Pass
				-20	NV	-2.246	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-0.587	-0.0002	-2.5 to 2.5	Pass
				0	NV	-2.003	-0.0006	-2.5 to 2.5	Pass
				10	NV	0.572	0.0002	-2.5 to 2.5	Pass
				30	NV	-0.057	0.0000	-2.5 to 2.5	Pass
				40	NV	0.744	0.0002	-2.5 to 2.5	Pass
	50	NV	-1.345	-0.0004	-2.5 to 2.5	Pass			
	3692.5	75	0	20	LV	-2.675	-0.0007	-2.5 to 2.5	Pass
					NV	-0.601	-0.0002	-2.5 to 2.5	Pass
					HV	-1.330	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-1.745	-0.0005	-2.5 to 2.5	Pass
				-20	NV	-1.459	-0.0004	-2.5 to 2.5	Pass
				-10	NV	0.386	0.0001	-2.5 to 2.5	Pass
				0	NV	0.300	0.0001	-2.5 to 2.5	Pass
				10	NV	-0.830	-0.0002	-2.5 to 2.5	Pass
30				NV	-0.472	-0.0001	-2.5 to 2.5	Pass	
40	NV	1.431	0.0004	-2.5 to 2.5	Pass				
50	NV	-0.558	-0.0002	-2.5 to 2.5	Pass				
64QAM	3557.5	75	0	20	LV	1.087	0.0003	-2.5 to 2.5	Pass
					NV	-0.458	-0.0001	-2.5 to 2.5	Pass
					HV	-1.216	-0.0003	-2.5 to 2.5	Pass
				-30	NV	1.402	0.0004	-2.5 to 2.5	Pass
				-20	NV	-0.515	-0.0001	-2.5 to 2.5	Pass
				-10	NV	0.014	0.0000	-2.5 to 2.5	Pass
				0	NV	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	NV	-0.143	0.0000	-2.5 to 2.5	Pass
				30	NV	-0.658	-0.0002	-2.5 to 2.5	Pass
	40	NV	-0.529	-0.0001	-2.5 to 2.5	Pass			
	50	NV	-1.845	-0.0005	-2.5 to 2.5	Pass			
	3625	75	0	20	LV	-0.100	0.0000	-2.5 to 2.5	Pass
					NV	1.416	0.0004	-2.5 to 2.5	Pass
					HV	0.014	0.0000	-2.5 to 2.5	Pass
				-30	NV	0.415	0.0001	-2.5 to 2.5	Pass
				-20	NV	0.057	0.0000	-2.5 to 2.5	Pass
				-10	NV	-0.372	-0.0001	-2.5 to 2.5	Pass
				0	NV	2.432	0.0007	-2.5 to 2.5	Pass
10				NV	0.815	0.0002	-2.5 to 2.5	Pass	
30				NV	0.086	0.0000	-2.5 to 2.5	Pass	
40	NV	2.031	0.0006	-2.5 to 2.5	Pass				
50	NV	-0.172	0.0000	-2.5 to 2.5	Pass				
3692.5	75	0	20	LV	-0.272	-0.0001	-2.5 to 2.5	Pass	
				NV	-0.744	-0.0002	-2.5 to 2.5	Pass	
				HV	-0.429	-0.0001	-2.5 to 2.5	Pass	
			-30	NV	0.129	0.0000	-2.5 to 2.5	Pass	
			-20	NV	0.343	0.0001	-2.5 to 2.5	Pass	
			-10	NV	1.030	0.0003	-2.5 to 2.5	Pass	
0	NV	0.901	0.0002	-2.5 to 2.5	Pass				
10	NV	1.245	0.0003	-2.5 to 2.5	Pass				
30	NV	0.329	0.0001	-2.5 to 2.5	Pass				



				40	NV	1.173	0.0003	-2.5 to 2.5	Pass
				50	NV	0.930	0.0003	-2.5 to 2.5	Pass

1.4 B48_20MHz

1.4.1 Test Result

Band: 48 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3560	100	0	20	LV	-1.087	-0.0003	-2.5 to 2.5	Pass
					NV	-0.315	-0.0001	-2.5 to 2.5	Pass
					HV	-1.373	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-0.758	-0.0002	-2.5 to 2.5	Pass
				-20	NV	-1.531	-0.0004	-2.5 to 2.5	Pass
				-10	NV	0.186	0.0001	-2.5 to 2.5	Pass
				0	NV	-0.529	-0.0001	-2.5 to 2.5	Pass
				10	NV	-1.230	-0.0003	-2.5 to 2.5	Pass
				30	NV	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	NV	-1.802	-0.0005	-2.5 to 2.5	Pass
				50	NV	-0.443	-0.0001	-2.5 to 2.5	Pass
				3625	100	0	20	LV	-0.558
	NV	-0.973	-0.0003					-2.5 to 2.5	Pass
	HV	-1.745	-0.0005					-2.5 to 2.5	Pass
	-30	NV	-0.730				-0.0002	-2.5 to 2.5	Pass
	-20	NV	-0.129				0.0000	-2.5 to 2.5	Pass
	-10	NV	-0.186				-0.0001	-2.5 to 2.5	Pass
	0	NV	-0.186				-0.0001	-2.5 to 2.5	Pass
	10	NV	-0.772				-0.0002	-2.5 to 2.5	Pass
	30	NV	0.644				0.0002	-2.5 to 2.5	Pass
	40	NV	-0.129				0.0000	-2.5 to 2.5	Pass
	50	NV	-0.887				-0.0002	-2.5 to 2.5	Pass
	3690	100	0				20	LV	1.259
				NV	1.574	0.0004		-2.5 to 2.5	Pass
				HV	0.057	0.0000		-2.5 to 2.5	Pass
				-30	NV	-1.345	-0.0004	-2.5 to 2.5	Pass
				-20	NV	0.801	0.0002	-2.5 to 2.5	Pass
				-10	NV	0.873	0.0002	-2.5 to 2.5	Pass
				0	NV	-0.644	-0.0002	-2.5 to 2.5	Pass
				10	NV	-0.286	-0.0001	-2.5 to 2.5	Pass
30				NV	-1.860	-0.0005	-2.5 to 2.5	Pass	
40				NV	0.114	0.0000	-2.5 to 2.5	Pass	
50				NV	-1.016	-0.0003	-2.5 to 2.5	Pass	
16QAM				3560	100	0	20	LV	-1.144
	NV	-1.216	-0.0003					-2.5 to 2.5	Pass
	HV	-1.030	-0.0003					-2.5 to 2.5	Pass
	-30	NV	-0.515				-0.0001	-2.5 to 2.5	Pass
	-20	NV	0.815				0.0002	-2.5 to 2.5	Pass
	-10	NV	1.116				0.0003	-2.5 to 2.5	Pass
	0	NV	-0.916				-0.0003	-2.5 to 2.5	Pass
	10	NV	-1.988				-0.0006	-2.5 to 2.5	Pass
	30	NV	-0.944				-0.0003	-2.5 to 2.5	Pass
	40	NV	2.131				0.0006	-2.5 to 2.5	Pass
	50	NV	-0.415				-0.0001	-2.5 to 2.5	Pass
	3625	100	0				20	LV	-1.402

					NV	0.587	0.0002	-2.5 to 2.5	Pass
					HV	-0.858	-0.0002	-2.5 to 2.5	Pass
				-30	NV	1.831	0.0005	-2.5 to 2.5	Pass
				-20	NV	-1.717	-0.0005	-2.5 to 2.5	Pass
				-10	NV	-0.343	-0.0001	-2.5 to 2.5	Pass
				0	NV	-0.787	-0.0002	-2.5 to 2.5	Pass
				10	NV	-0.315	-0.0001	-2.5 to 2.5	Pass
				30	NV	0.029	0.0000	-2.5 to 2.5	Pass
				40	NV	0.229	0.0001	-2.5 to 2.5	Pass
	50	NV	0.000	0.0000	-2.5 to 2.5	Pass			
	3690	100	0	20	LV	0.458	0.0001	-2.5 to 2.5	Pass
					NV	-0.672	-0.0002	-2.5 to 2.5	Pass
					HV	0.300	0.0001	-2.5 to 2.5	Pass
				-30	NV	0.029	0.0000	-2.5 to 2.5	Pass
				-20	NV	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	NV	1.316	0.0004	-2.5 to 2.5	Pass
				0	NV	0.930	0.0003	-2.5 to 2.5	Pass
				10	NV	1.688	0.0005	-2.5 to 2.5	Pass
30				NV	-1.545	-0.0004	-2.5 to 2.5	Pass	
40	NV	0.129	0.0000	-2.5 to 2.5	Pass				
50	NV	0.286	0.0001	-2.5 to 2.5	Pass				
64QAM	3560	100	0	20	LV	-0.172	0.0000	-2.5 to 2.5	Pass
					NV	-0.572	-0.0002	-2.5 to 2.5	Pass
					HV	0.758	0.0002	-2.5 to 2.5	Pass
				-30	NV	0.973	0.0003	-2.5 to 2.5	Pass
				-20	NV	0.844	0.0002	-2.5 to 2.5	Pass
				-10	NV	-1.187	-0.0003	-2.5 to 2.5	Pass
				0	NV	-2.217	-0.0006	-2.5 to 2.5	Pass
				10	NV	0.229	0.0001	-2.5 to 2.5	Pass
				30	NV	-1.273	-0.0004	-2.5 to 2.5	Pass
	40	NV	1.531	0.0004	-2.5 to 2.5	Pass			
	50	NV	0.730	0.0002	-2.5 to 2.5	Pass			
	3625	100	0	20	LV	0.415	0.0001	-2.5 to 2.5	Pass
					NV	0.629	0.0002	-2.5 to 2.5	Pass
					HV	-0.758	-0.0002	-2.5 to 2.5	Pass
				-30	NV	2.174	0.0006	-2.5 to 2.5	Pass
				-20	NV	0.458	0.0001	-2.5 to 2.5	Pass
				-10	NV	-0.043	0.0000	-2.5 to 2.5	Pass
				0	NV	0.043	0.0000	-2.5 to 2.5	Pass
10				NV	-2.360	-0.0007	-2.5 to 2.5	Pass	
30				NV	0.415	0.0001	-2.5 to 2.5	Pass	
40	NV	0.873	0.0002	-2.5 to 2.5	Pass				
50	NV	-0.401	-0.0001	-2.5 to 2.5	Pass				
3690	100	0	20	LV	0.615	0.0002	-2.5 to 2.5	Pass	
				NV	-0.200	-0.0001	-2.5 to 2.5	Pass	
				HV	-0.072	0.0000	-2.5 to 2.5	Pass	
			-30	NV	0.243	0.0001	-2.5 to 2.5	Pass	
			-20	NV	-0.858	-0.0002	-2.5 to 2.5	Pass	
			-10	NV	1.345	0.0004	-2.5 to 2.5	Pass	
0	NV	0.901	0.0002	-2.5 to 2.5	Pass				
10	NV	-0.329	-0.0001	-2.5 to 2.5	Pass				
30	NV	-0.873	-0.0002	-2.5 to 2.5	Pass				



				40	NV	0.515	0.0001	-2.5 to 2.5	Pass
				50	NV	1.645	0.0004	-2.5 to 2.5	Pass

- End of the Report -