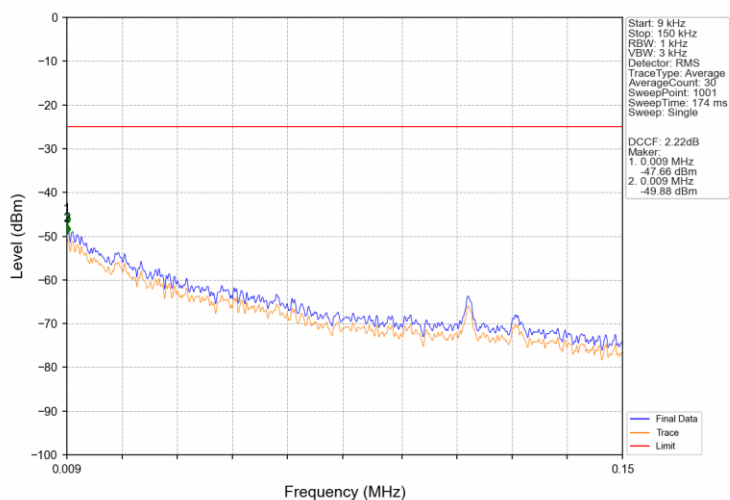
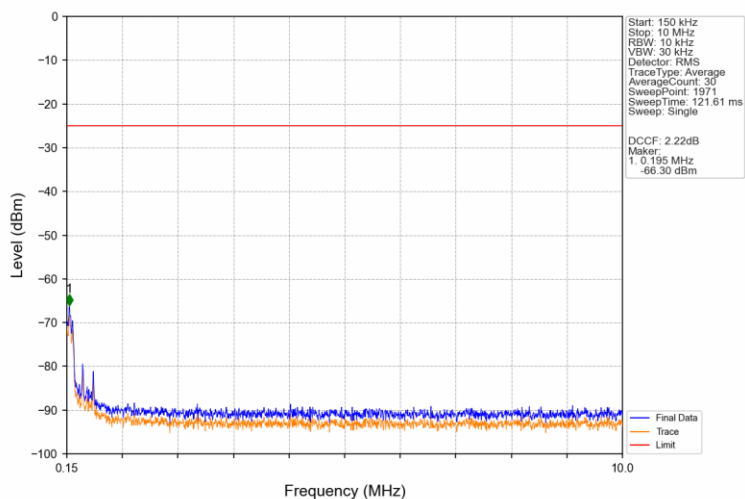


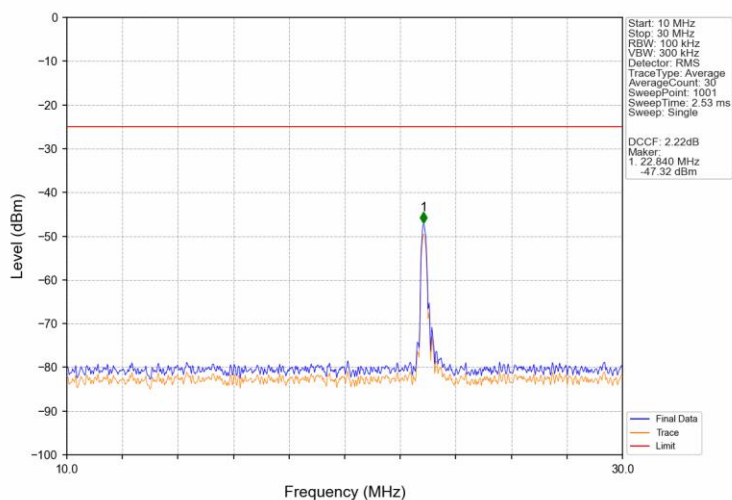
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



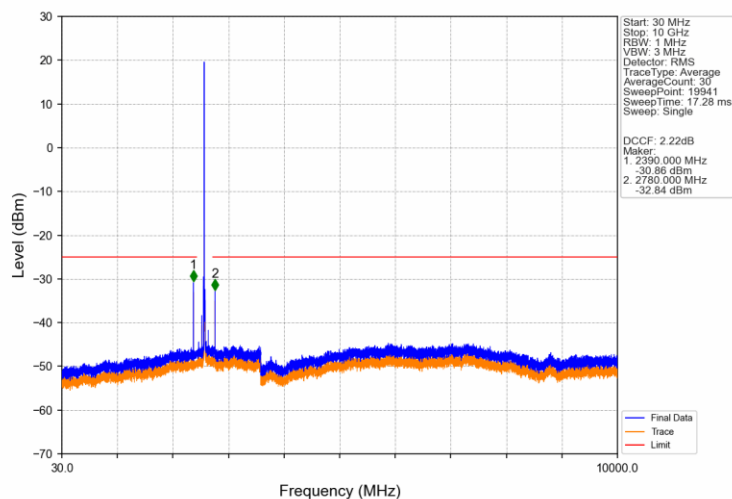
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



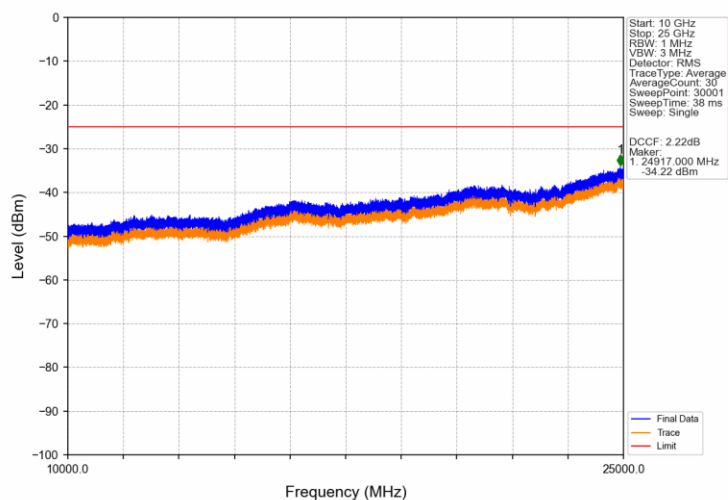
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



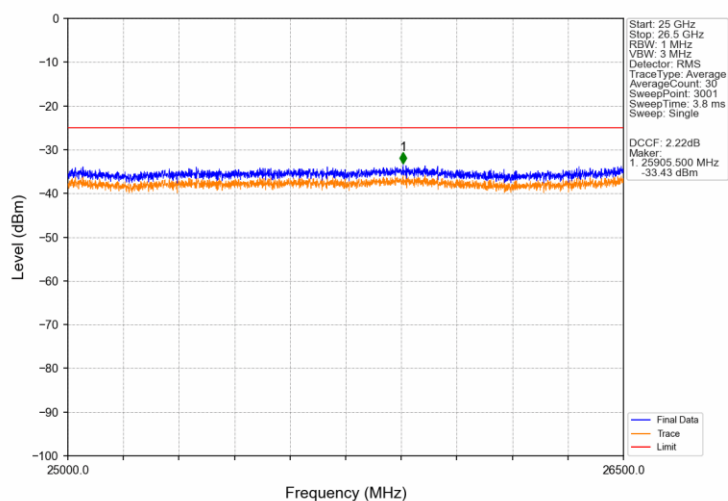
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



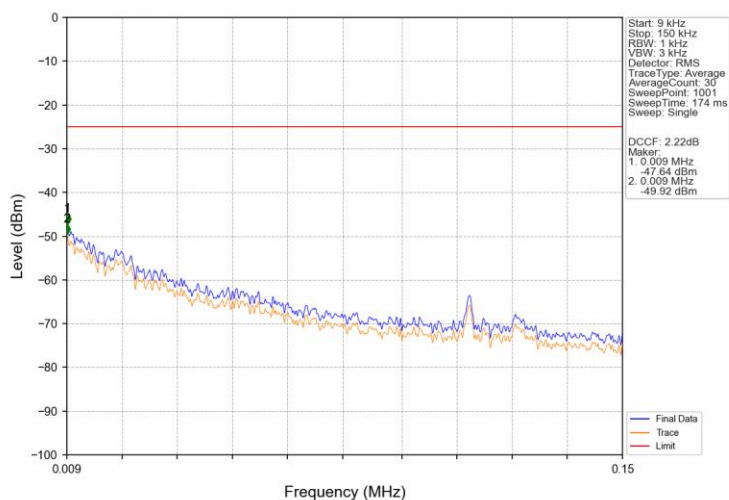
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



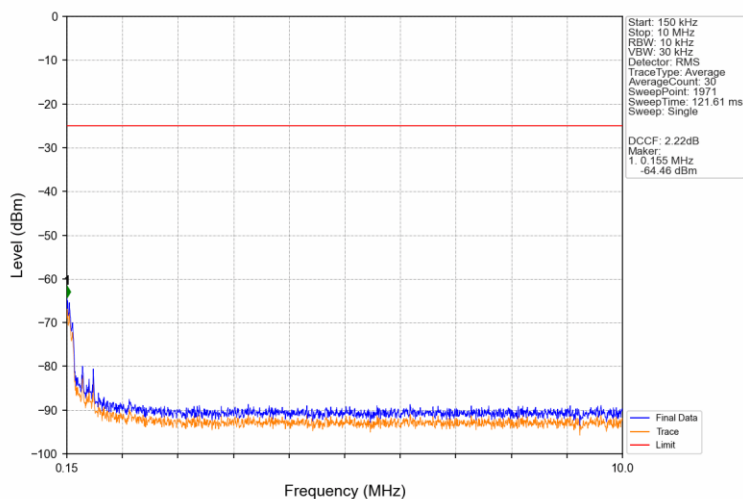
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



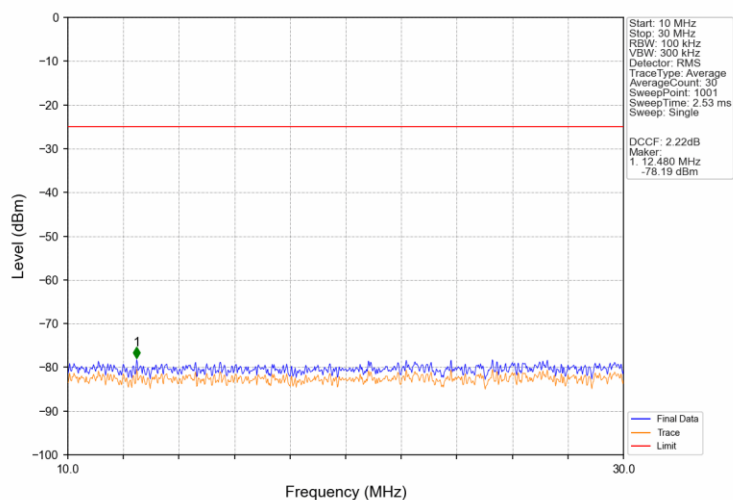
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTV



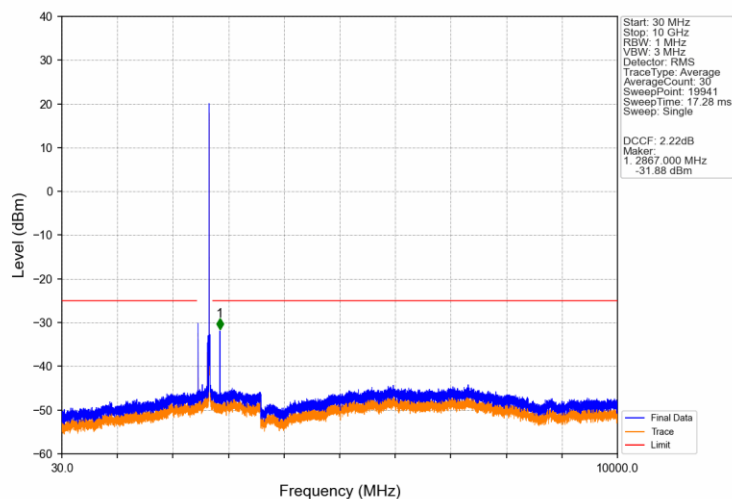
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTV



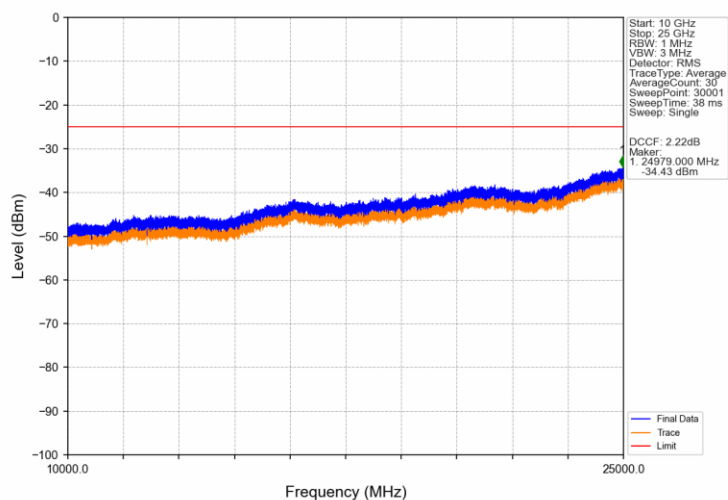
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



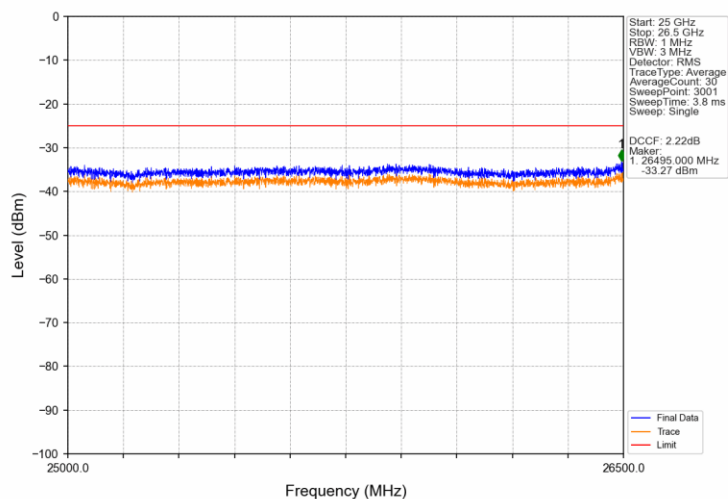
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



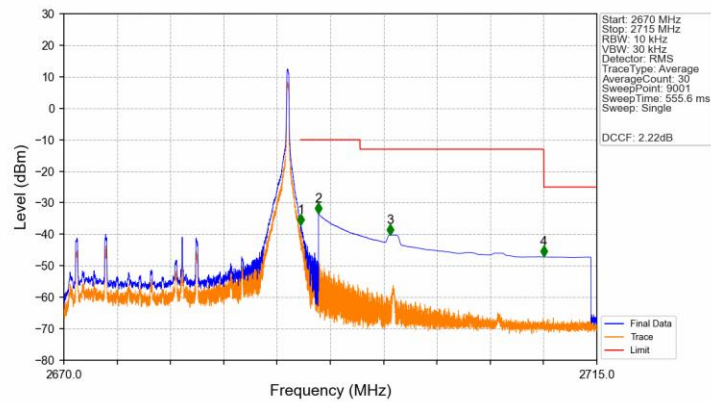
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV

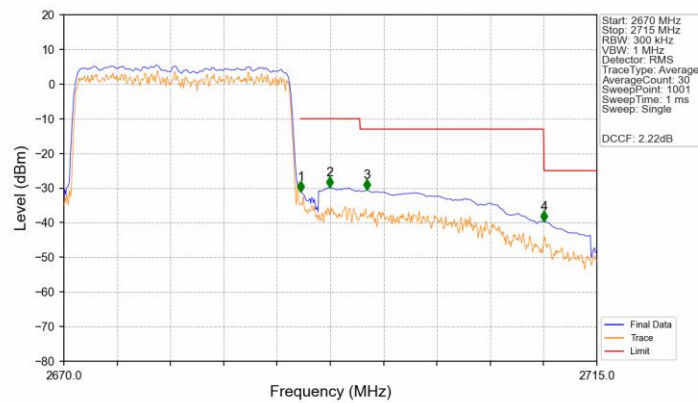


Band41 20MHz 16QAM HCH 2680MHz RB 1 99 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-37.05	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.45	-10	Pass
2695	2710.519	1	CHP	3	2697.535	-40.19	-13	Pass
2710.519	2715	1	CHP	4	2710.520	-47.17	-25	Pass

Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.41	CHP	/	/	/	/	/
2690	2691	0.41	CHP	1	2690.025	-31.14	-10	Pass
2691	2695	1	CHP	2	2692.455	-29.87	-10	Pass
2695	2710.519	1	CHP	3	2695.605	-30.65	-13	Pass
2710.519	2715	1	CHP	4	2710.545	-39.66	-25	Pass

7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2498.5	25	0	20	3.15	2496.242	2500.796	2496 to 2690	Pass
					3.70	2496.241	2500.806	2496 to 2690	Pass
					4.30	2496.239	2500.807	2496 to 2690	Pass
				-30	3.70	2496.238	2500.804	2496 to 2690	Pass
				-20	3.70	2496.236	2500.806	2496 to 2690	Pass
				-10	3.70	2496.241	2500.805	2496 to 2690	Pass
				0	3.70	2496.235	2500.804	2496 to 2690	Pass
				10	3.70	2496.237	2500.803	2496 to 2690	Pass
				30	3.70	2496.237	2500.804	2496 to 2690	Pass
				40	3.70	2496.240	2500.807	2496 to 2690	Pass
				50	3.70	2496.240	2500.795	2496 to 2690	Pass
	2593	25	0	20	3.15	2590.735	2595.288	2496 to 2690	Pass
					3.70	2590.733	2595.291	2496 to 2690	Pass
					4.30	2590.732	2595.285	2496 to 2690	Pass
				-30	3.70	2590.733	2595.290	2496 to 2690	Pass
				-20	3.70	2590.741	2595.293	2496 to 2690	Pass
				-10	3.70	2590.730	2595.290	2496 to 2690	Pass
				0	3.70	2590.734	2595.290	2496 to 2690	Pass
				10	3.70	2590.735	2595.290	2496 to 2690	Pass
				30	3.70	2590.733	2595.291	2496 to 2690	Pass
				40	3.70	2590.732	2595.282	2496 to 2690	Pass
				50	3.70	2590.742	2595.290	2496 to 2690	Pass
	2687.5	25	0	20	3.15	2685.236	2689.789	2496 to 2690	Pass
					3.70	2685.226	2689.781	2496 to 2690	Pass
					4.30	2685.234	2689.791	2496 to 2690	Pass
				-30	3.70	2685.240	2689.791	2496 to 2690	Pass
				-20	3.70	2685.233	2689.791	2496 to 2690	Pass
				-10	3.70	2685.239	2689.788	2496 to 2690	Pass
				0	3.70	2685.236	2689.789	2496 to 2690	Pass
				10	3.70	2685.234	2689.788	2496 to 2690	Pass
				30	3.70	2685.231	2689.795	2496 to 2690	Pass
				40	3.70	2685.237	2689.791	2496 to 2690	Pass
				50	3.70	2685.239	2689.791	2496 to 2690	Pass
16QAM	2498.5	25	0	20	3.15	2496.246	2500.792	2496 to 2690	Pass
					3.70	2496.241	2500.806	2496 to 2690	Pass
					4.30	2496.232	2500.799	2496 to 2690	Pass
				-30	3.70	2496.243	2500.791	2496 to 2690	Pass
				-20	3.70	2496.239	2500.792	2496 to 2690	Pass
				-10	3.70	2496.224	2500.794	2496 to 2690	Pass
				0	3.70	2496.248	2500.791	2496 to 2690	Pass
				10	3.70	2496.236	2500.796	2496 to 2690	Pass
				30	3.70	2496.225	2500.790	2496 to 2690	Pass
				40	3.70	2496.253	2500.809	2496 to 2690	Pass
				50	3.70	2496.231	2500.788	2496 to 2690	Pass
	2593	25	0	20	3.15	2590.750	2595.289	2496 to 2690	Pass
					3.70	2590.747	2595.289	2496 to 2690	Pass
					4.30	2590.749	2595.284	2496 to 2690	Pass
				-30	3.70	2590.747	2595.292	2496 to 2690	Pass
				-20	3.70	2590.744	2595.284	2496 to 2690	Pass
				-10	3.70	2590.747	2595.292	2496 to 2690	Pass

				0	3.70	2590.740	2595.282	2496 to 2690	Pass
				10	3.70	2590.749	2595.290	2496 to 2690	Pass
				30	3.70	2590.750	2595.283	2496 to 2690	Pass
				40	3.70	2590.738	2595.296	2496 to 2690	Pass
				50	3.70	2590.750	2595.290	2496 to 2690	Pass
	2687.5	25	0	20	3.15	2685.242	2689.789	2496 to 2690	Pass
					3.70	2685.243	2689.792	2496 to 2690	Pass
					4.30	2685.244	2689.797	2496 to 2690	Pass
				-30	3.70	2685.249	2689.795	2496 to 2690	Pass
				-20	3.70	2685.240	2689.790	2496 to 2690	Pass
				-10	3.70	2685.250	2689.794	2496 to 2690	Pass
				0	3.70	2685.241	2689.792	2496 to 2690	Pass
				10	3.70	2685.243	2689.789	2496 to 2690	Pass
				30	3.70	2685.247	2689.790	2496 to 2690	Pass
				40	3.70	2685.242	2689.791	2496 to 2690	Pass
				50	3.70	2685.243	2689.789	2496 to 2690	Pass

7.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2501	50	0	20	3.15	2496.492	2505.581	2496 to 2690	Pass
					3.70	2496.509	2505.575	2496 to 2690	Pass
					4.30	2496.495	2505.566	2496 to 2690	Pass
				-30	3.70	2496.491	2505.559	2496 to 2690	Pass
				-20	3.70	2496.481	2505.578	2496 to 2690	Pass
				-10	3.70	2496.476	2505.577	2496 to 2690	Pass
				0	3.70	2496.491	2505.576	2496 to 2690	Pass
				10	3.70	2496.507	2505.557	2496 to 2690	Pass
				30	3.70	2496.505	2505.581	2496 to 2690	Pass
				40	3.70	2496.508	2505.581	2496 to 2690	Pass
				50	3.70	2496.481	2505.591	2496 to 2690	Pass
	2593	50	0	20	3.15	2588.512	2597.579	2496 to 2690	Pass
					3.70	2588.497	2597.572	2496 to 2690	Pass
					4.30	2588.480	2597.588	2496 to 2690	Pass
				-30	3.70	2588.505	2597.579	2496 to 2690	Pass
				-20	3.70	2588.487	2597.584	2496 to 2690	Pass
				-10	3.70	2588.485	2597.584	2496 to 2690	Pass
				0	3.70	2588.489	2597.578	2496 to 2690	Pass
				10	3.70	2588.486	2597.563	2496 to 2690	Pass
				30	3.70	2588.505	2597.566	2496 to 2690	Pass
				40	3.70	2588.485	2597.560	2496 to 2690	Pass
				50	3.70	2588.478	2597.567	2496 to 2690	Pass
	2685	50	0	20	3.15	2680.514	2689.558	2496 to 2690	Pass
					3.70	2680.505	2689.585	2496 to 2690	Pass
					4.30	2680.507	2689.569	2496 to 2690	Pass
				-30	3.70	2680.507	2689.562	2496 to 2690	Pass
				-20	3.70	2680.505	2689.595	2496 to 2690	Pass
				-10	3.70	2680.515	2689.584	2496 to 2690	Pass
				0	3.70	2680.505	2689.582	2496 to 2690	Pass
				10	3.70	2680.504	2689.578	2496 to 2690	Pass
				30	3.70	2680.506	2689.576	2496 to 2690	Pass
				40	3.70	2680.507	2689.577	2496 to 2690	Pass
				50	3.70	2680.508	2689.583	2496 to 2690	Pass
16QAM	2501	50	0	20	3.15	2496.513	2505.576	2496 to 2690	Pass
					3.70	2496.502	2505.583	2496 to 2690	Pass
					4.30	2496.498	2505.594	2496 to 2690	Pass

				-30	3.70	2496.510	2505.579	2496 to 2690	Pass
				-20	3.70	2496.500	2505.567	2496 to 2690	Pass
				-10	3.70	2496.497	2505.592	2496 to 2690	Pass
				0	3.70	2496.496	2505.578	2496 to 2690	Pass
				10	3.70	2496.511	2505.568	2496 to 2690	Pass
				30	3.70	2496.516	2505.594	2496 to 2690	Pass
				40	3.70	2496.499	2505.593	2496 to 2690	Pass
				50	3.70	2496.508	2505.595	2496 to 2690	Pass
	2593	50	0	20	3.15	2588.511	2597.586	2496 to 2690	Pass
					3.70	2588.513	2597.581	2496 to 2690	Pass
					4.30	2588.513	2597.591	2496 to 2690	Pass
				-30	3.70	2588.505	2597.578	2496 to 2690	Pass
				-20	3.70	2588.509	2597.593	2496 to 2690	Pass
				-10	3.70	2588.505	2597.597	2496 to 2690	Pass
				0	3.70	2588.508	2597.603	2496 to 2690	Pass
				10	3.70	2588.509	2597.582	2496 to 2690	Pass
				30	3.70	2588.516	2597.576	2496 to 2690	Pass
				40	3.70	2588.518	2597.591	2496 to 2690	Pass
				50	3.70	2588.505	2597.557	2496 to 2690	Pass
	2685	50	0	20	3.15	2680.490	2689.547	2496 to 2690	Pass
					3.70	2680.515	2689.591	2496 to 2690	Pass
					4.30	2680.504	2689.557	2496 to 2690	Pass
				-30	3.70	2680.510	2689.602	2496 to 2690	Pass
				-20	3.70	2680.504	2689.596	2496 to 2690	Pass
				-10	3.70	2680.502	2689.588	2496 to 2690	Pass
				0	3.70	2680.519	2689.604	2496 to 2690	Pass
				10	3.70	2680.520	2689.565	2496 to 2690	Pass
				30	3.70	2680.497	2689.555	2496 to 2690	Pass
				40	3.70	2680.501	2689.556	2496 to 2690	Pass
				50	3.70	2680.502	2689.572	2496 to 2690	Pass

7.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2503.5	75	0	20	3.15	2496.793	2510.347	2496 to 2690	Pass
					3.70	2496.781	2510.346	2496 to 2690	Pass
					4.30	2496.803	2510.344	2496 to 2690	Pass
				-30	3.70	2496.773	2510.349	2496 to 2690	Pass
				-20	3.70	2496.774	2510.342	2496 to 2690	Pass
				-10	3.70	2496.773	2510.348	2496 to 2690	Pass
				0	3.70	2496.795	2510.338	2496 to 2690	Pass
				10	3.70	2496.781	2510.344	2496 to 2690	Pass
				30	3.70	2496.785	2510.356	2496 to 2690	Pass
				40	3.70	2496.778	2510.353	2496 to 2690	Pass
				50	3.70	2496.793	2510.357	2496 to 2690	Pass
	2593	75	0	20	3.15	2586.256	2599.845	2496 to 2690	Pass
					3.70	2586.250	2599.855	2496 to 2690	Pass
					4.30	2586.259	2599.843	2496 to 2690	Pass
				-30	3.70	2586.262	2599.855	2496 to 2690	Pass
				-20	3.70	2586.267	2599.872	2496 to 2690	Pass
				-10	3.70	2586.268	2599.852	2496 to 2690	Pass
				0	3.70	2586.271	2599.843	2496 to 2690	Pass
				10	3.70	2586.257	2599.852	2496 to 2690	Pass
				30	3.70	2586.265	2599.844	2496 to 2690	Pass
				40	3.70	2586.272	2599.846	2496 to 2690	Pass
				50	3.70	2586.262	2599.842	2496 to 2690	Pass

	2682.5	75	0	20	3.15	2675.741	2689.350	2496 to 2690	Pass
					3.70	2675.733	2689.352	2496 to 2690	Pass
					4.30	2675.733	2689.329	2496 to 2690	Pass
				-30	3.70	2675.725	2689.342	2496 to 2690	Pass
				-20	3.70	2675.726	2689.348	2496 to 2690	Pass
				-10	3.70	2675.745	2689.350	2496 to 2690	Pass
				0	3.70	2675.738	2689.352	2496 to 2690	Pass
				10	3.70	2675.729	2689.336	2496 to 2690	Pass
				30	3.70	2675.725	2689.346	2496 to 2690	Pass
				40	3.70	2675.722	2689.341	2496 to 2690	Pass
				50	3.70	2675.738	2689.333	2496 to 2690	Pass
16QAM	2503.5	75	0	20	3.15	2496.769	2510.372	2496 to 2690	Pass
					3.70	2496.765	2510.399	2496 to 2690	Pass
					4.30	2496.740	2510.373	2496 to 2690	Pass
				-30	3.70	2496.728	2510.377	2496 to 2690	Pass
				-20	3.70	2496.737	2510.388	2496 to 2690	Pass
				-10	3.70	2496.762	2510.380	2496 to 2690	Pass
				0	3.70	2496.762	2510.384	2496 to 2690	Pass
				10	3.70	2496.750	2510.387	2496 to 2690	Pass
				30	3.70	2496.766	2510.379	2496 to 2690	Pass
				40	3.70	2496.749	2510.381	2496 to 2690	Pass
				50	3.70	2496.735	2510.388	2496 to 2690	Pass
	2593	75	0	20	3.15	2586.272	2599.873	2496 to 2690	Pass
					3.70	2586.256	2599.829	2496 to 2690	Pass
					4.30	2586.270	2599.840	2496 to 2690	Pass
				-30	3.70	2586.239	2599.878	2496 to 2690	Pass
				-20	3.70	2586.255	2599.845	2496 to 2690	Pass
				-10	3.70	2586.252	2599.874	2496 to 2690	Pass
				0	3.70	2586.254	2599.877	2496 to 2690	Pass
				10	3.70	2586.275	2599.871	2496 to 2690	Pass
				30	3.70	2586.273	2599.879	2496 to 2690	Pass
				40	3.70	2586.260	2599.837	2496 to 2690	Pass
				50	3.70	2586.273	2599.844	2496 to 2690	Pass
	2682.5	75	0	20	3.15	2675.747	2689.346	2496 to 2690	Pass
					3.70	2675.740	2689.336	2496 to 2690	Pass
					4.30	2675.729	2689.340	2496 to 2690	Pass
				-30	3.70	2675.723	2689.320	2496 to 2690	Pass
				-20	3.70	2675.728	2689.343	2496 to 2690	Pass
				-10	3.70	2675.733	2689.334	2496 to 2690	Pass
				0	3.70	2675.746	2689.370	2496 to 2690	Pass
				10	3.70	2675.741	2689.373	2496 to 2690	Pass
				30	3.70	2675.734	2689.322	2496 to 2690	Pass
				40	3.70	2675.747	2689.329	2496 to 2690	Pass
				50	3.70	2675.765	2689.379	2496 to 2690	Pass

7.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2506	100	0	20	3.15	2497.023	2515.163	2496 to 2690	Pass
					3.70	2497.067	2515.175	2496 to 2690	Pass
					4.30	2497.053	2515.147	2496 to 2690	Pass
				-30	3.70	2497.103	2515.187	2496 to 2690	Pass
				-20	3.70	2497.051	2515.170	2496 to 2690	Pass
				-10	3.70	2497.036	2515.159	2496 to 2690	Pass
				0	3.70	2497.048	2515.164	2496 to 2690	Pass
				10	3.70	2497.027	2515.158	2496 to 2690	Pass

				30	3.70	2497.053	2515.174	2496 to 2690	Pass
				40	3.70	2497.039	2515.163	2496 to 2690	Pass
				50	3.70	2497.016	2515.172	2496 to 2690	Pass
	2593	100	0	20	3.15	2584.022	2602.105	2496 to 2690	Pass
					3.70	2584.036	2602.104	2496 to 2690	Pass
					4.30	2584.028	2602.108	2496 to 2690	Pass
				-30	3.70	2584.008	2602.113	2496 to 2690	Pass
				-20	3.70	2584.032	2602.110	2496 to 2690	Pass
				-10	3.70	2584.020	2602.111	2496 to 2690	Pass
				0	3.70	2584.008	2602.102	2496 to 2690	Pass
				10	3.70	2584.015	2602.119	2496 to 2690	Pass
				30	3.70	2584.018	2602.108	2496 to 2690	Pass
				40	3.70	2584.021	2602.105	2496 to 2690	Pass
				50	3.70	2584.027	2602.111	2496 to 2690	Pass
	2680	100	0	20	3.15	2670.990	2689.137	2496 to 2690	Pass
					3.70	2670.973	2689.108	2496 to 2690	Pass
					4.30	2670.982	2689.079	2496 to 2690	Pass
				-30	3.70	2671.001	2689.106	2496 to 2690	Pass
				-20	3.70	2670.975	2689.124	2496 to 2690	Pass
				-10	3.70	2670.975	2689.126	2496 to 2690	Pass
				0	3.70	2670.986	2689.146	2496 to 2690	Pass
				10	3.70	2671.042	2689.121	2496 to 2690	Pass
				30	3.70	2670.969	2689.097	2496 to 2690	Pass
				40	3.70	2671.013	2689.131	2496 to 2690	Pass
				50	3.70	2670.974	2689.114	2496 to 2690	Pass
16QAM	2506	100	0	20	3.15	2497.081	2515.181	2496 to 2690	Pass
					3.70	2497.035	2515.160	2496 to 2690	Pass
					4.30	2497.053	2515.166	2496 to 2690	Pass
				-30	3.70	2497.081	2515.183	2496 to 2690	Pass
				-20	3.70	2497.038	2515.172	2496 to 2690	Pass
				-10	3.70	2497.058	2515.161	2496 to 2690	Pass
				0	3.70	2497.078	2515.162	2496 to 2690	Pass
				10	3.70	2497.035	2515.172	2496 to 2690	Pass
				30	3.70	2497.024	2515.184	2496 to 2690	Pass
				40	3.70	2497.037	2515.180	2496 to 2690	Pass
				50	3.70	2497.040	2515.172	2496 to 2690	Pass
	2593	100	0	20	3.15	2584.007	2602.115	2496 to 2690	Pass
					3.70	2584.021	2602.153	2496 to 2690	Pass
					4.30	2583.976	2602.121	2496 to 2690	Pass
				-30	3.70	2583.991	2602.148	2496 to 2690	Pass
				-20	3.70	2583.982	2602.121	2496 to 2690	Pass
				-10	3.70	2584.026	2602.153	2496 to 2690	Pass
				0	3.70	2584.018	2602.147	2496 to 2690	Pass
				10	3.70	2584.001	2602.149	2496 to 2690	Pass
				30	3.70	2584.006	2602.141	2496 to 2690	Pass
				40	3.70	2583.987	2602.173	2496 to 2690	Pass
				50	3.70	2583.963	2602.127	2496 to 2690	Pass
	2680	100	0	20	3.15	2670.989	2689.070	2496 to 2690	Pass
					3.70	2670.998	2689.060	2496 to 2690	Pass
					4.30	2671.001	2689.099	2496 to 2690	Pass
				-30	3.70	2671.004	2689.106	2496 to 2690	Pass
				-20	3.70	2671.022	2689.075	2496 to 2690	Pass
				-10	3.70	2670.993	2689.068	2496 to 2690	Pass
				0	3.70	2671.013	2689.072	2496 to 2690	Pass
				10	3.70	2670.994	2689.109	2496 to 2690	Pass
				30	3.70	2670.985	2689.116	2496 to 2690	Pass
				40	3.70	2670.988	2689.106	2496 to 2690	Pass
				50	3.70	2671.015	2689.109	2496 to 2690	Pass

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