

B12 Fc(MHz)			(MHz)	(MHz)		
713.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	711.215	715.785	699-716	PASS
	Extreme (40°C)		711.202	715.798	699-716	PASS
	Extreme (30°C)		711.277	715.723	699-716	PASS
	Extreme (20°C)		711.233	715.767	699-716	PASS
	Extreme (10°C)		711.270	715.730	699-716	PASS
	Extreme (0°C)		711.256	715.744	699-716	PASS
	Extreme (-10°C)		711.277	715.723	699-716	PASS
	Extreme (-20°C)		711.280	715.720	699-716	PASS
	Extreme (-30°C)		711.258	715.742	699-716	PASS
	20°C	LV	711.219	715.781	699-716	PASS
		HV	711.222	715.778	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	706.617	715.383	699-716	PASS
	Extreme (40°C)		706.566	715.434	699-716	PASS
	Extreme (30°C)		706.563	715.437	699-716	PASS
	Extreme (20°C)		706.619	715.381	699-716	PASS
	Extreme (10°C)		706.552	715.448	699-716	PASS
	Extreme (0°C)		706.603	715.397	699-716	PASS
	Extreme (-10°C)		706.502	715.498	699-716	PASS
	Extreme (-20°C)		706.557	715.443	699-716	PASS
	Extreme (-30°C)		706.530	715.470	699-716	PASS
	20°C	LV	706.596	715.404	699-716	PASS
		HV	706.521	715.479	699-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	704.241	708.759	704-716	PASS
	Extreme (40°C)		704.233	708.767	704-716	PASS
	Extreme (30°C)		704.214	708.786	704-716	PASS
	Extreme (20°C)		704.289	708.711	704-716	PASS
	Extreme (10°C)		704.294	708.706	704-716	PASS

	Extreme (0°C)		704.236	708.764	704-716	PASS
	Extreme (-10°C)		704.222	708.778	704-716	PASS
	Extreme (-20°C)		704.290	708.710	704-716	PASS
	Extreme (-30°C)		704.221	708.779	704-716	PASS
	20°C	LV	704.214	708.786	704-716	PASS
		HV	704.244	708.756	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	704.576	713.424	704-716	PASS
	Extreme (40°C)		704.584	713.416	704-716	PASS
	Extreme (30°C)		704.512	713.488	704-716	PASS
	Extreme (20°C)		704.578	713.422	704-716	PASS
	Extreme (10°C)		704.643	713.357	704-716	PASS
	Extreme (0°C)		704.646	713.354	704-716	PASS
	Extreme (-10°C)		704.608	713.392	704-716	PASS
	Extreme (-20°C)		704.534	713.466	704-716	PASS
	Extreme (-30°C)		704.512	713.488	704-716	PASS
	20°C	LV	704.620	713.380	704-716	PASS
		HV	704.529	713.471	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	711.232	715.768	704-716	PASS
	Extreme (40°C)		711.235	715.765	704-716	PASS
	Extreme (30°C)		711.257	715.743	704-716	PASS
	Extreme (20°C)		711.249	715.751	704-716	PASS
	Extreme (10°C)		711.266	715.734	704-716	PASS
	Extreme (0°C)		711.296	715.704	704-716	PASS
	Extreme (-10°C)		711.271	715.729	704-716	PASS
	Extreme (-20°C)		711.218	715.782	704-716	PASS
	Extreme (-30°C)		711.264	715.736	704-716	PASS
	20°C	LV	711.219	715.781	704-716	PASS
		HV	711.288	715.712	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				

	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	706.618	715.382	704-716	PASS
	Extreme (40℃)		706.572	715.428	704-716	PASS
	Extreme (30℃)		706.596	715.404	704-716	PASS
	Extreme (20℃)		706.500	715.500	704-716	PASS
	Extreme (10℃)		706.618	715.382	704-716	PASS
	Extreme (0℃)		706.526	715.474	704-716	PASS
	Extreme (-10℃)		706.573	715.427	704-716	PASS
	Extreme (-20℃)		706.628	715.372	704-716	PASS
	Extreme (-30℃)		706.639	715.361	704-716	PASS
	20℃	LV	706.576	715.424	704-716	PASS
		HV	706.528	715.472	704-716	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.148	1851.252	1850-1915	PASS
	Extreme (40℃)		1850.150	1851.250	1850-1915	PASS
	Extreme (30℃)		1850.150	1851.250	1850-1915	PASS
	Extreme (20℃)		1850.146	1851.254	1850-1915	PASS
	Extreme (10℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (0℃)		1850.145	1851.255	1850-1915	PASS
	Extreme (-10℃)		1850.148	1851.252	1850-1915	PASS
	Extreme (-20℃)		1850.150	1851.250	1850-1915	PASS
	Extreme (-30℃)		1850.145	1851.255	1850-1915	PASS
	20℃	LV	1850.149	1851.251	1850-1915	PASS
HV		1850.146	1851.254	1850-1915	PASS	
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.149	1852.851	1850-1915	PASS
	Extreme (40℃)		1850.145	1852.855	1850-1915	PASS
	Extreme (30℃)		1850.149	1852.851	1850-1915	PASS
	Extreme (20℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (10℃)		1850.146	1852.854	1850-1915	PASS
	Extreme (0℃)		1850.145	1852.855	1850-1915	PASS
	Extreme (-10℃)		1850.146	1852.854	1850-1915	PASS
	Extreme (-20℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (-30℃)		1850.148	1852.852	1850-1915	PASS

	20℃	LV	1850.149	1852.851	1850-1915	PASS
		HV	1850.146	1852.854	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.257	1854.743	1850-1915	PASS
	Extreme (40℃)		1850.201	1854.799	1850-1915	PASS
	Extreme (30℃)		1850.223	1854.777	1850-1915	PASS
	Extreme (20℃)		1850.228	1854.772	1850-1915	PASS
	Extreme (10℃)		1850.286	1854.714	1850-1915	PASS
	Extreme (0℃)		1850.255	1854.745	1850-1915	PASS
	Extreme (-10℃)		1850.267	1854.733	1850-1915	PASS
	Extreme (-20℃)		1850.207	1854.793	1850-1915	PASS
	Extreme (-30℃)		1850.252	1854.748	1850-1915	PASS
	20℃	LV	1850.260	1854.740	1850-1915	PASS
		HV	1850.215	1854.785	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.591	1859.409	1850-1915	PASS
	Extreme (40℃)		1850.551	1859.449	1850-1915	PASS
	Extreme (30℃)		1850.543	1859.457	1850-1915	PASS
	Extreme (20℃)		1850.584	1859.416	1850-1915	PASS
	Extreme (10℃)		1850.606	1859.394	1850-1915	PASS
	Extreme (0℃)		1850.587	1859.413	1850-1915	PASS
	Extreme (-10℃)		1850.506	1859.494	1850-1915	PASS
	Extreme (-20℃)		1850.633	1859.367	1850-1915	PASS
	Extreme (-30℃)		1850.522	1859.478	1850-1915	PASS
	20℃	LV	1850.535	1859.465	1850-1915	PASS
		HV	1850.535	1859.465	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.779	1864.221	1850-1915	PASS
	Extreme (40℃)		1850.752	1864.248	1850-1915	PASS
	Extreme (30℃)		1850.788	1864.212	1850-1915	PASS

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	Extreme (20℃)		1850.715	1864.285	1850-1915	PASS
	Extreme (10℃)		1850.748	1864.252	1850-1915	PASS
	Extreme (0℃)		1850.759	1864.241	1850-1915	PASS
	Extreme (-10℃)		1850.736	1864.264	1850-1915	PASS
	Extreme (-20℃)		1850.735	1864.265	1850-1915	PASS
	Extreme (-30℃)		1850.710	1864.290	1850-1915	PASS
	20℃	LV	1850.703	1864.297	1850-1915	PASS
		HV	1850.772	1864.228	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1851.041	1868.959	1850-1915	PASS
	Extreme (40℃)		1851.023	1868.977	1850-1915	PASS
	Extreme (30℃)		1851.036	1868.964	1850-1915	PASS
	Extreme (20℃)		1851.025	1868.975	1850-1915	PASS
	Extreme (10℃)		1851.011	1868.989	1850-1915	PASS
	Extreme (0℃)		1851.029	1868.971	1850-1915	PASS
	Extreme (-10℃)		1851.047	1868.953	1850-1915	PASS
	Extreme (-20℃)		1851.046	1868.954	1850-1915	PASS
	Extreme (-30℃)		1851.027	1868.973	1850-1915	PASS
	20℃	LV	1851.032	1868.968	1850-1915	PASS
		HV	1851.035	1868.965	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1913.747	1914.853	1850-1915	PASS
	Extreme (40℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (30℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (20℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (10℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (0℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (-10℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (-20℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (-30℃)		1913.746	1914.854	1850-1915	PASS
	20℃	LV	1913.746	1914.854	1850-1915	PASS
		HV	1913.750	1914.850	1850-1915	PASS
LTE B25	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
1913.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1912.147	1914.853	1850-1915	PASS
	Extreme (40℃)		1912.149	1914.851	1850-1915	PASS
	Extreme (30℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (20℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (10℃)		1912.146	1914.854	1850-1915	PASS
	Extreme (0℃)		1912.149	1914.851	1850-1915	PASS
	Extreme (-10℃)		1912.146	1914.854	1850-1915	PASS
	Extreme (-20℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (-30℃)		1912.146	1914.854	1850-1915	PASS
	20℃	LV	1912.149	1914.851	1850-1915	PASS
		HV	1912.148	1914.852	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1910.264	1914.736	1850-1915	PASS
	Extreme (40℃)		1910.269	1914.731	1850-1915	PASS
	Extreme (30℃)		1910.253	1914.747	1850-1915	PASS
	Extreme (20℃)		1910.242	1914.758	1850-1915	PASS
	Extreme (10℃)		1910.209	1914.791	1850-1915	PASS
	Extreme (0℃)		1910.269	1914.731	1850-1915	PASS
	Extreme (-10℃)		1910.286	1914.714	1850-1915	PASS
	Extreme (-20℃)		1910.229	1914.771	1850-1915	PASS
	Extreme (-30℃)		1910.245	1914.755	1850-1915	PASS
	20℃	LV	1910.238	1914.762	1850-1915	PASS
		HV	1910.276	1914.724	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.587	1914.413	1850-1915	PASS
	Extreme (40℃)		1905.562	1914.438	1850-1915	PASS
	Extreme (30℃)		1905.504	1914.496	1850-1915	PASS
	Extreme (20℃)		1905.616	1914.384	1850-1915	PASS
	Extreme (10℃)		1905.549	1914.451	1850-1915	PASS
	Extreme (0℃)		1905.564	1914.436	1850-1915	PASS

	Extreme (-10°C)		1905.514	1914.486	1850-1915	PASS
	Extreme (-20°C)		1905.587	1914.413	1850-1915	PASS
	Extreme (-30°C)		1905.514	1914.486	1850-1915	PASS
	20°C	LV	1905.634	1914.366	1850-1915	PASS
		HV	1905.527	1914.473	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1900.747	1914.253	1850-1915	PASS
	Extreme (40°C)		1900.749	1914.251	1850-1915	PASS
	Extreme (30°C)		1900.784	1914.216	1850-1915	PASS
	Extreme (20°C)		1900.775	1914.225	1850-1915	PASS
	Extreme (10°C)		1900.781	1914.219	1850-1915	PASS
	Extreme (0°C)		1900.792	1914.208	1850-1915	PASS
	Extreme (-10°C)		1900.720	1914.280	1850-1915	PASS
	Extreme (-20°C)		1900.793	1914.207	1850-1915	PASS
	Extreme (-30°C)		1900.759	1914.241	1850-1915	PASS
	20°C	LV	1900.743	1914.257	1850-1915	PASS
		HV	1900.706	1914.294	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1895.924	1914.076	1850-1915	PASS
	Extreme (40°C)		1895.996	1914.004	1850-1915	PASS
	Extreme (30°C)		1895.936	1914.064	1850-1915	PASS
	Extreme (20°C)		1895.986	1914.014	1850-1915	PASS
	Extreme (10°C)		1895.988	1914.012	1850-1915	PASS
	Extreme (0°C)		1895.946	1914.054	1850-1915	PASS
	Extreme (-10°C)		1895.903	1914.097	1850-1915	PASS
	Extreme (-20°C)		1895.972	1914.028	1850-1915	PASS
	Extreme (-30°C)		1895.925	1914.075	1850-1915	PASS
	20°C	LV	1895.983	1914.017	1850-1915	PASS
		HV	1895.953	1914.047	1850-1915	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				

	Extreme (50°C)	NV	2570.226	2574.774	2570-2620	PASS
	Extreme (40°C)		2570.214	2574.786	2570-2620	PASS
	Extreme (30°C)		2570.289	2574.711	2570-2620	PASS
	Extreme (20°C)		2570.230	2574.770	2570-2620	PASS
	Extreme (10°C)		2570.255	2574.745	2570-2620	PASS
	Extreme (0°C)		2570.296	2574.704	2570-2620	PASS
	Extreme (-10°C)		2570.278	2574.722	2570-2620	PASS
	Extreme (-20°C)		2570.299	2574.701	2570-2620	PASS
	Extreme (-30°C)		2570.232	2574.768	2570-2620	PASS
	20°C	LV	2570.208	2574.792	2570-2620	PASS
		HV	2570.279	2574.721	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.530	2579.470	2570-2620	PASS
	Extreme (40°C)		2570.609	2579.391	2570-2620	PASS
	Extreme (30°C)		2570.639	2579.361	2570-2620	PASS
	Extreme (20°C)		2570.550	2579.450	2570-2620	PASS
	Extreme (10°C)		2570.543	2579.457	2570-2620	PASS
	Extreme (0°C)		2570.521	2579.479	2570-2620	PASS
	Extreme (-10°C)		2570.577	2579.423	2570-2620	PASS
	Extreme (-20°C)		2570.516	2579.484	2570-2620	PASS
	Extreme (-30°C)		2570.636	2579.364	2570-2620	PASS
	20°C	LV	2570.629	2579.371	2570-2620	PASS
		HV	2570.634	2579.366	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2577.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2570.787	2584.213	2570-2620	PASS
	Extreme (40°C)		2570.739	2584.261	2570-2620	PASS
	Extreme (30°C)		2570.739	2584.261	2570-2620	PASS
	Extreme (20°C)		2570.799	2584.201	2570-2620	PASS
	Extreme (10°C)		2570.745	2584.255	2570-2620	PASS
	Extreme (0°C)		2570.716	2584.284	2570-2620	PASS
	Extreme (-10°C)		2570.753	2584.247	2570-2620	PASS
	Extreme (-20°C)		2570.766	2584.234	2570-2620	PASS
	Extreme (-30°C)		2570.800	2584.200	2570-2620	PASS
	20°C	LV	2570.720	2584.280	2570-2620	PASS

		HV	2570.753	2584.247	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	2571.007	2588.993	2570-2620	PASS
	Extreme (40℃)		2571.025	2588.975	2570-2620	PASS
	Extreme (30℃)		2571.003	2588.997	2570-2620	PASS
	Extreme (20℃)		2571.024	2588.976	2570-2620	PASS
	Extreme (10℃)		2571.036	2588.964	2570-2620	PASS
	Extreme (0℃)		2571.035	2588.965	2570-2620	PASS
	Extreme (-10℃)		2571.049	2588.951	2570-2620	PASS
	Extreme (-20℃)		2571.012	2588.988	2570-2620	PASS
	Extreme (-30℃)		2571.008	2588.992	2570-2620	PASS
	20℃	LV	2571.006	2588.994	2570-2620	PASS
		HV	2571.012	2588.988	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2617.5	BANDWIDTH	5MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	2615.202	2619.798	2570-2620	PASS
	Extreme (40℃)		2615.212	2619.788	2570-2620	PASS
	Extreme (30℃)		2615.227	2619.773	2570-2620	PASS
	Extreme (20℃)		2615.275	2619.725	2570-2620	PASS
	Extreme (10℃)		2615.214	2619.786	2570-2620	PASS
	Extreme (0℃)		2615.272	2619.728	2570-2620	PASS
	Extreme (-10℃)		2615.267	2619.733	2570-2620	PASS
	Extreme (-20℃)		2615.240	2619.760	2570-2620	PASS
	Extreme (-30℃)		2615.243	2619.757	2570-2620	PASS
	20℃	LV	2615.201	2619.799	2570-2620	PASS
		HV	2615.219	2619.781	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	2610.614	2619.386	2570-2620	PASS
	Extreme (40℃)		2610.614	2619.386	2570-2620	PASS
	Extreme (30℃)		2610.612	2619.388	2570-2620	PASS
	Extreme (20℃)		2610.578	2619.422	2570-2620	PASS

	Extreme (10℃)		2610.586	2619.414	2570-2620	PASS
	Extreme (0℃)		2610.618	2619.382	2570-2620	PASS
	Extreme (-10℃)		2610.594	2619.406	2570-2620	PASS
	Extreme (-20℃)		2610.589	2619.411	2570-2620	PASS
	Extreme (-30℃)		2610.516	2619.484	2570-2620	PASS
	20℃	LV	2610.551	2619.449	2570-2620	PASS
		HV	2610.635	2619.365	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2605.738	2619.262	2570-2620	PASS
	Extreme (40℃)		2605.754	2619.246	2570-2620	PASS
	Extreme (30℃)		2605.749	2619.251	2570-2620	PASS
	Extreme (20℃)		2605.725	2619.275	2570-2620	PASS
	Extreme (10℃)		2605.787	2619.213	2570-2620	PASS
	Extreme (0℃)		2605.759	2619.241	2570-2620	PASS
	Extreme (-10℃)		2605.766	2619.234	2570-2620	PASS
	Extreme (-20℃)		2605.769	2619.231	2570-2620	PASS
	Extreme (-30℃)		2605.720	2619.280	2570-2620	PASS
	20℃	LV	2605.726	2619.274	2570-2620	PASS
		HV	2605.731	2619.269	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2600.966	2619.034	2570-2620	PASS
	Extreme (40℃)		2600.991	2619.009	2570-2620	PASS
	Extreme (30℃)		2600.942	2619.058	2570-2620	PASS
	Extreme (20℃)		2600.908	2619.092	2570-2620	PASS
	Extreme (10℃)		2600.904	2619.096	2570-2620	PASS
	Extreme (0℃)		2600.947	2619.053	2570-2620	PASS
	Extreme (-10℃)		2600.913	2619.087	2570-2620	PASS
	Extreme (-20℃)		2600.979	2619.021	2570-2620	PASS
	Extreme (-30℃)		2600.977	2619.023	2570-2620	PASS
	20℃	LV	2600.926	2619.074	2570-2620	PASS
		HV	2600.901	2619.099	2570-2620	PASS

LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2537.5	BANDWIDTH	5MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2535.286	2539.714	2535-2655	PASS
	Extreme (40℃)		2535.257	2539.743	2535-2655	PASS
	Extreme (30℃)		2535.284	2539.716	2535-2655	PASS
	Extreme (20℃)		2535.228	2539.772	2535-2655	PASS
	Extreme (10℃)		2535.238	2539.762	2535-2655	PASS
	Extreme (0℃)		2535.267	2539.733	2535-2655	PASS
	Extreme (-10℃)		2535.214	2539.786	2535-2655	PASS
	Extreme (-20℃)		2535.208	2539.792	2535-2655	PASS
	Extreme (-30℃)		2535.286	2539.714	2535-2655	PASS
	20℃	LV	2535.263	2539.737	2535-2655	PASS
		HV	2535.279	2539.721	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2540	BANDWIDTH	10MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2535.551	2544.449	2535-2655	PASS
	Extreme (40℃)		2535.580	2544.420	2535-2655	PASS
	Extreme (30℃)		2535.613	2544.387	2535-2655	PASS
	Extreme (20℃)		2535.553	2544.447	2535-2655	PASS
	Extreme (10℃)		2535.647	2544.353	2535-2655	PASS
	Extreme (0℃)		2535.601	2544.399	2535-2655	PASS
	Extreme (-10℃)		2535.541	2544.459	2535-2655	PASS
	Extreme (-20℃)		2535.560	2544.440	2535-2655	PASS
	Extreme (-30℃)		2535.615	2544.385	2535-2655	PASS
	20℃	LV	2535.545	2544.455	2535-2655	PASS
		HV	2535.573	2544.427	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2542.5	BANDWIDTH	15MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2535.799	2549.201	2535-2655	PASS
	Extreme (40℃)		2535.703	2549.297	2535-2655	PASS
	Extreme (30℃)		2535.770	2549.230	2535-2655	PASS

	Extreme (20℃)		2535.728	2549.272	2535-2655	PASS
	Extreme (10℃)		2535.763	2549.237	2535-2655	PASS
	Extreme (0℃)		2535.732	2549.268	2535-2655	PASS
	Extreme (-10℃)		2535.764	2549.236	2535-2655	PASS
	Extreme (-20℃)		2535.734	2549.266	2535-2655	PASS
	Extreme (-30℃)		2535.781	2549.219	2535-2655	PASS
	20℃	LV	2535.766	2549.234	2535-2655	PASS
		HV	2535.791	2549.209	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2545	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2536.014	2553.986	2535-2655	PASS
	Extreme (40℃)		2536.005	2553.995	2535-2655	PASS
	Extreme (30℃)		2536.008	2553.992	2535-2655	PASS
	Extreme (20℃)		2536.031	2553.969	2535-2655	PASS
	Extreme (10℃)		2536.035	2553.965	2535-2655	PASS
	Extreme (0℃)		2536.024	2553.976	2535-2655	PASS
	Extreme (-10℃)		2536.012	2553.988	2535-2655	PASS
	Extreme (-20℃)		2536.005	2553.995	2535-2655	PASS
	Extreme (-30℃)		2536.008	2553.992	2535-2655	PASS
	20℃	LV	2536.021	2553.979	2535-2655	PASS
		HV	2536.009	2553.991	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2652.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2650.252	2654.748	2535-2655	PASS
	Extreme (40℃)		2650.272	2654.728	2535-2655	PASS
	Extreme (30℃)		2650.205	2654.795	2535-2655	PASS
	Extreme (20℃)		2650.282	2654.718	2535-2655	PASS
	Extreme (10℃)		2650.207	2654.793	2535-2655	PASS
	Extreme (0℃)		2650.232	2654.768	2535-2655	PASS
	Extreme (-10℃)		2650.230	2654.770	2535-2655	PASS
	Extreme (-20℃)		2650.207	2654.793	2535-2655	PASS
	Extreme (-30℃)		2650.285	2654.715	2535-2655	PASS
	20℃	LV	2650.210	2654.790	2535-2655	PASS
		HV	2650.289	2654.711	2535-2655	PASS
LTE	Condition		F Low	F High	Limit	Verdict

B41 Fc(MHz)			(MHz)	(MHz)	(MHz)	
2650	BANDWIDTH	10MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2645.555	2654.445	2535-2655	PASS
	Extreme (40℃)		2645.566	2654.434	2535-2655	PASS
	Extreme (30℃)		2645.642	2654.358	2535-2655	PASS
	Extreme (20℃)		2645.511	2654.489	2535-2655	PASS
	Extreme (10℃)		2645.551	2654.449	2535-2655	PASS
	Extreme (0℃)		2645.638	2654.362	2535-2655	PASS
	Extreme (-10℃)		2645.533	2654.467	2535-2655	PASS
	Extreme (-20℃)		2645.589	2654.411	2535-2655	PASS
	Extreme (-30℃)		2645.597	2654.403	2535-2655	PASS
	20℃	LV	2645.621	2654.379	2535-2655	PASS
		HV	2645.624	2654.376	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2647.5	BANDWIDTH	15MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2640.770	2654.230	2535-2655	PASS
	Extreme (40℃)		2640.760	2654.240	2535-2655	PASS
	Extreme (30℃)		2640.711	2654.289	2535-2655	PASS
	Extreme (20℃)		2640.776	2654.224	2535-2655	PASS
	Extreme (10℃)		2640.767	2654.233	2535-2655	PASS
	Extreme (0℃)		2640.762	2654.238	2535-2655	PASS
	Extreme (-10℃)		2640.768	2654.232	2535-2655	PASS
	Extreme (-20℃)		2640.718	2654.282	2535-2655	PASS
	Extreme (-30℃)		2640.703	2654.297	2535-2655	PASS
	20℃	LV	2640.704	2654.296	2535-2655	PASS
		HV	2640.746	2654.254	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2645	BANDWIDTH	20MHz	QPSK	QPSK	2535-2655	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2635.940	2654.060	2535-2655	PASS
	Extreme (40℃)		2635.945	2654.055	2535-2655	PASS
	Extreme (30℃)		2635.989	2654.011	2535-2655	PASS
	Extreme (20℃)		2635.989	2654.011	2535-2655	PASS

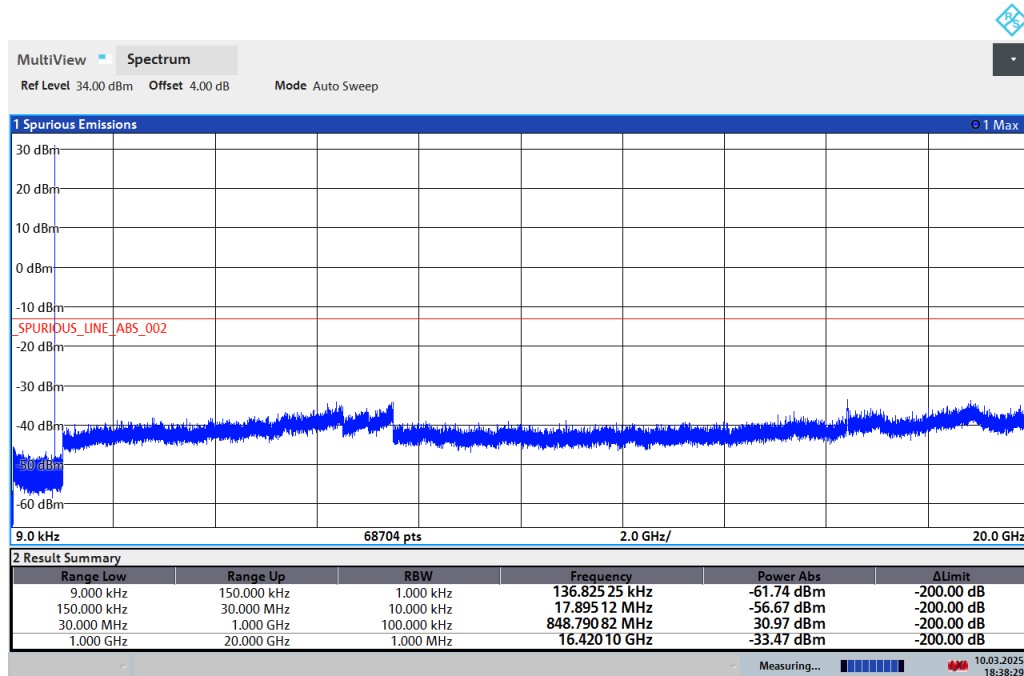
RF Test Report
Report No.: EFTA25022169-IE-07-R1

	Extreme (10℃)		2635.925	2654.075	2535-2655	PASS
	Extreme (0℃)		2635.973	2654.027	2535-2655	PASS
	Extreme (-10℃)		2635.938	2654.062	2535-2655	PASS
	Extreme (-20℃)		2635.963	2654.037	2535-2655	PASS
	Extreme (-30℃)		2635.969	2654.031	2535-2655	PASS
	20℃	LV	2635.909	2654.091	2535-2655	PASS
		HV	2635.942	2654.058	2535-2655	PASS

6.6 Spurious Emissions at Antenna Terminals

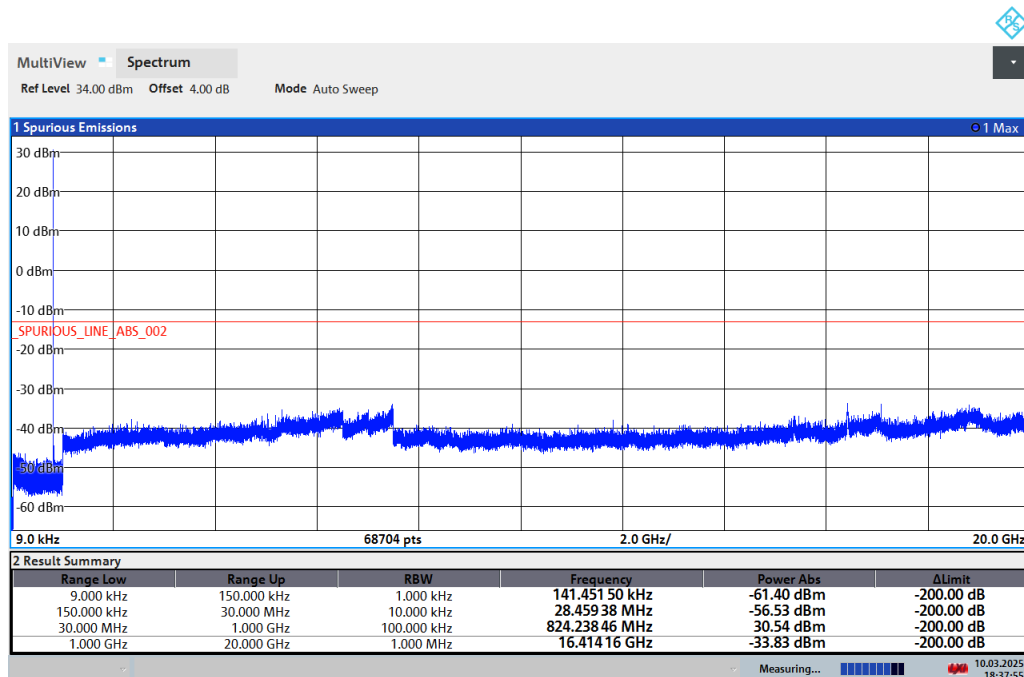
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.

The signal beyond the limit is carrier.



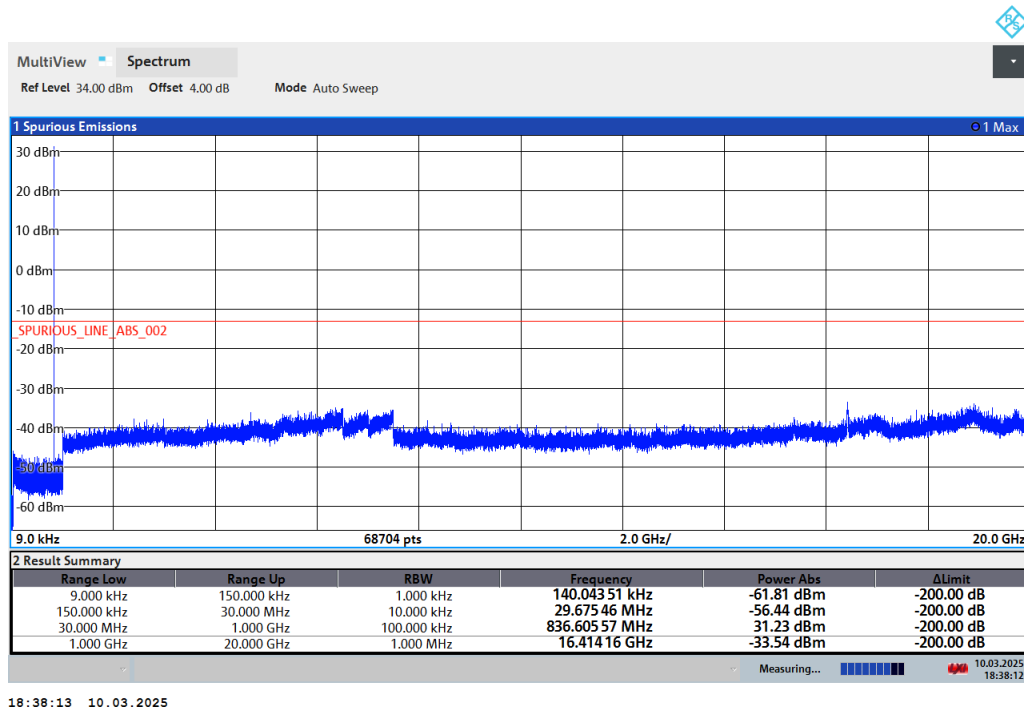
18:38:29 10.03.2025

CSE\GSM850\GPRS\H

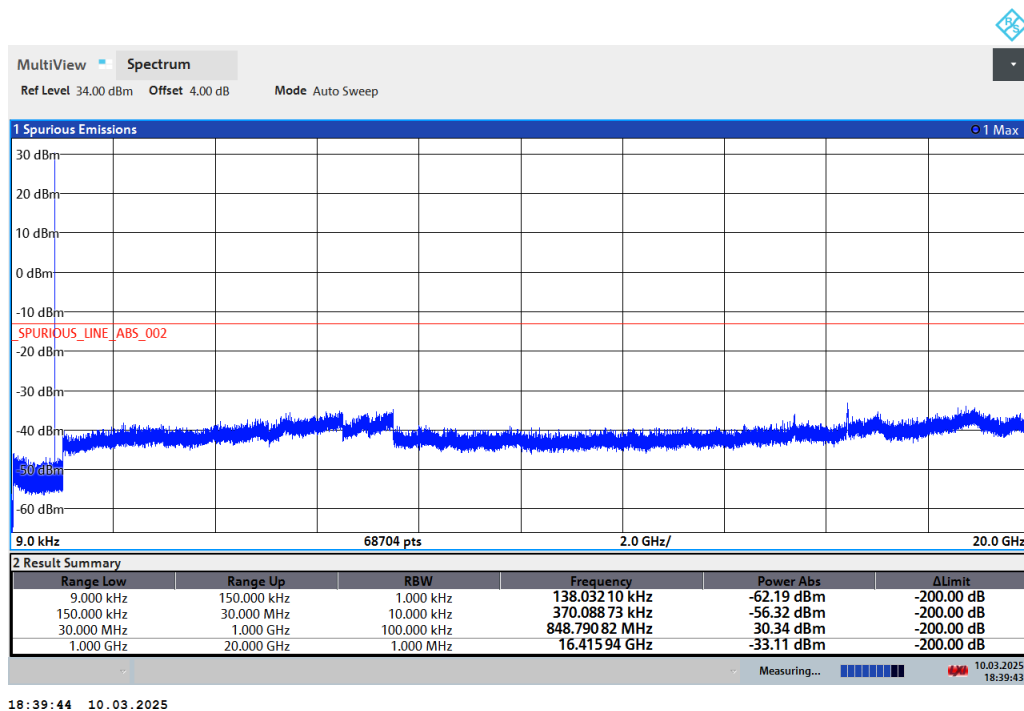


18:37:55 10.03.2025

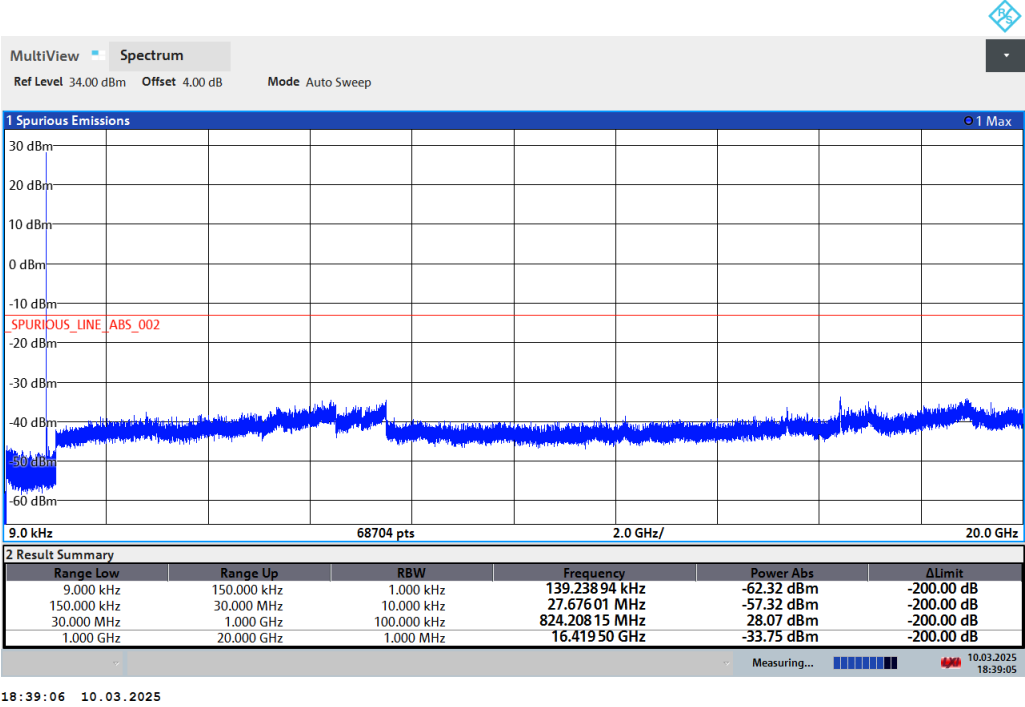
CSE\GSM850\GPRS\L



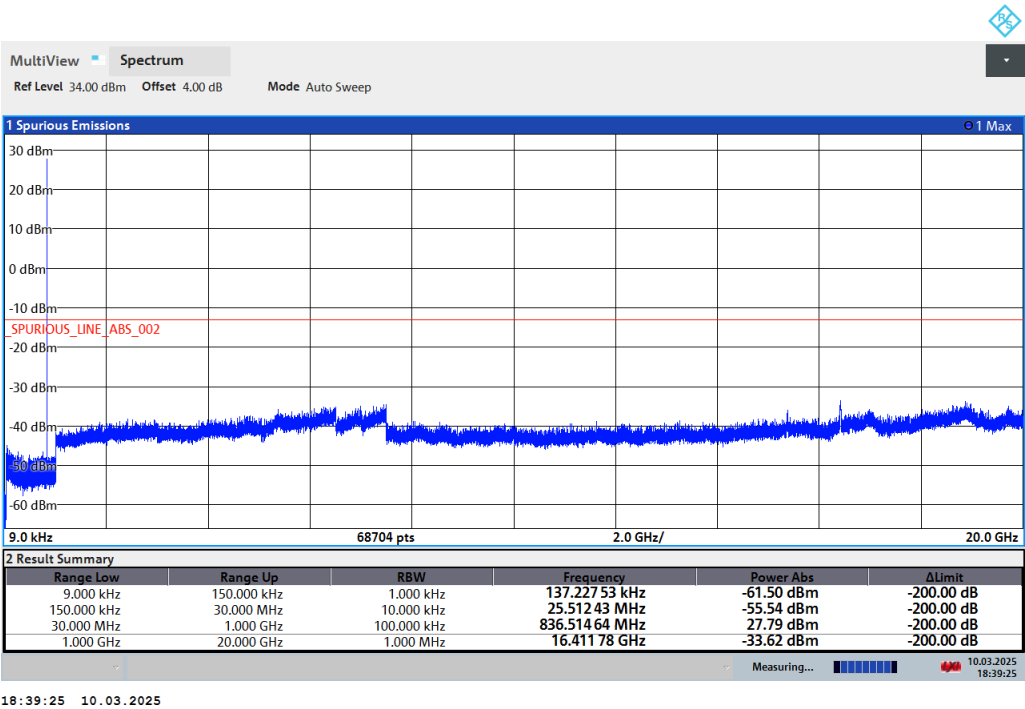
CSE\GSM850\GPRS\M



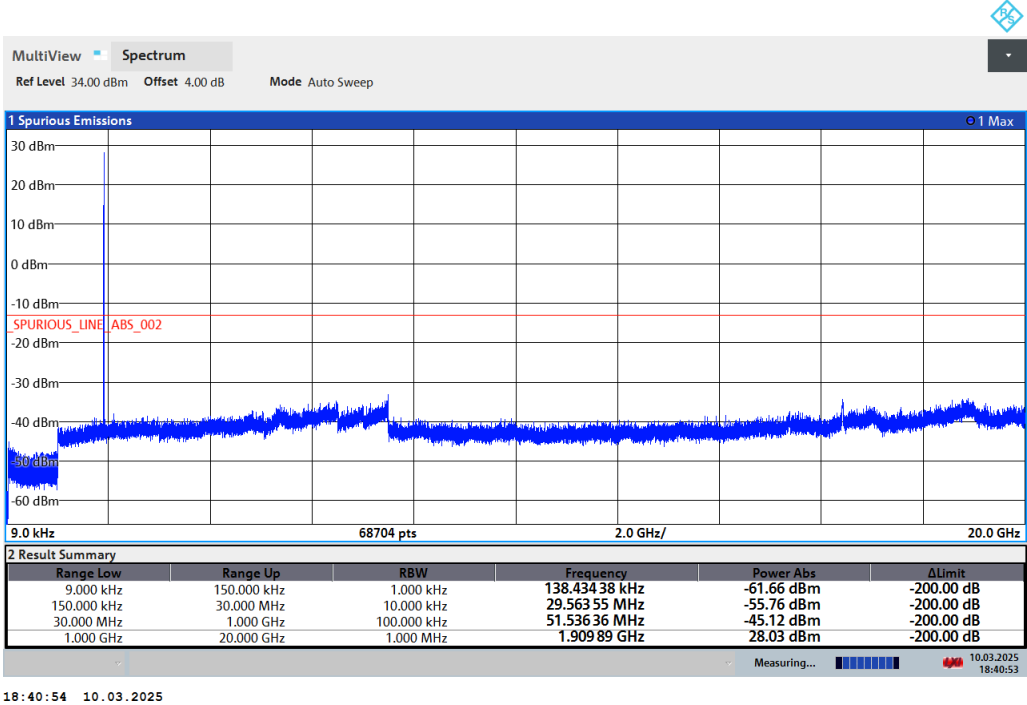
CSE\GSM850\EGPRS\H



CSE\GSM850\EGPRS\L

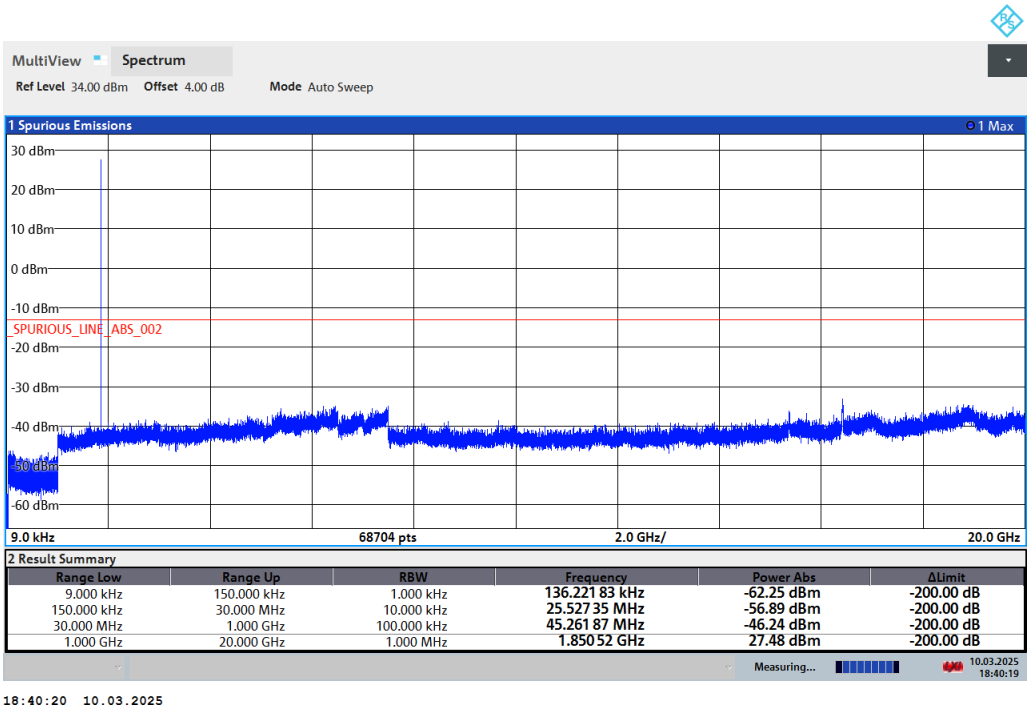


CSE\GSM850\EGPRS\M



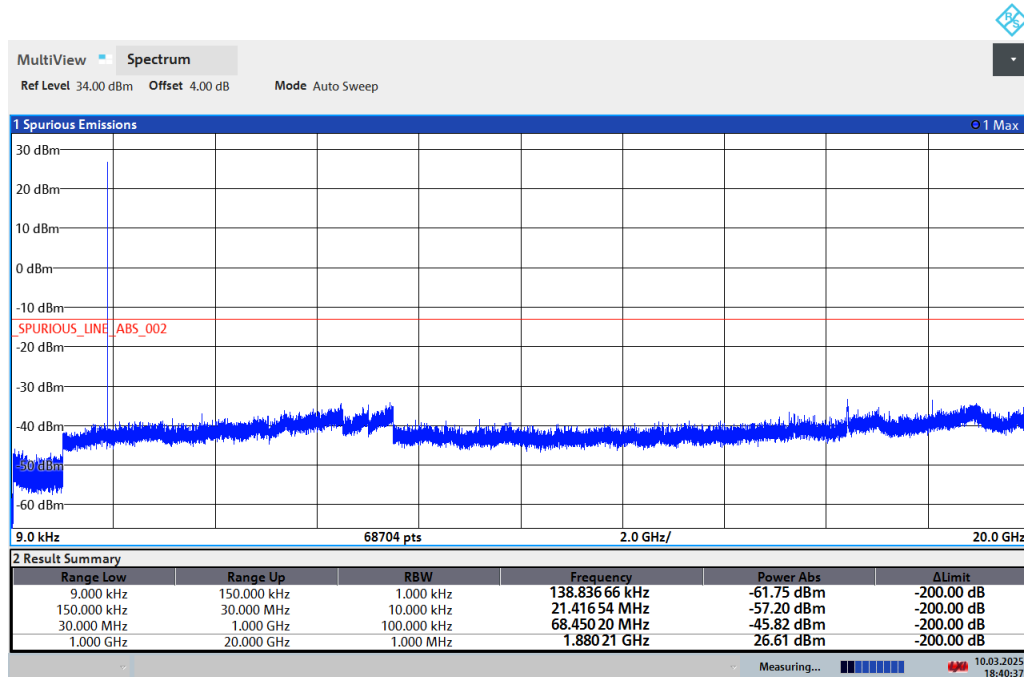
18:40:54 10.03.2025

CSE\GSM1900\GPRS\H



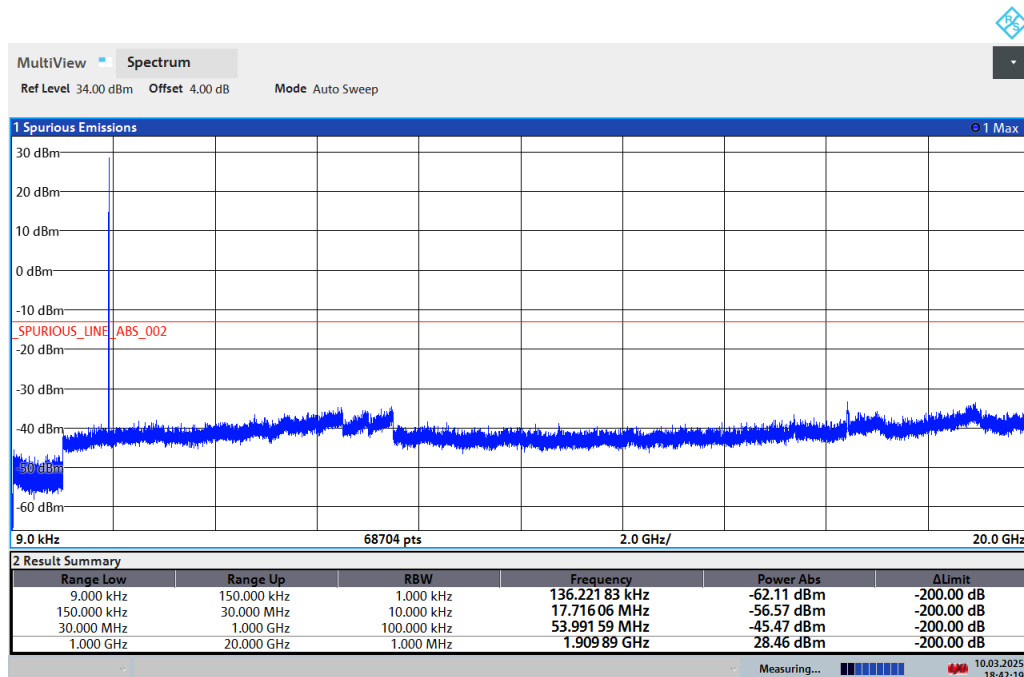
18:40:20 10.03.2025

CSE\GSM1900\GPRS\L



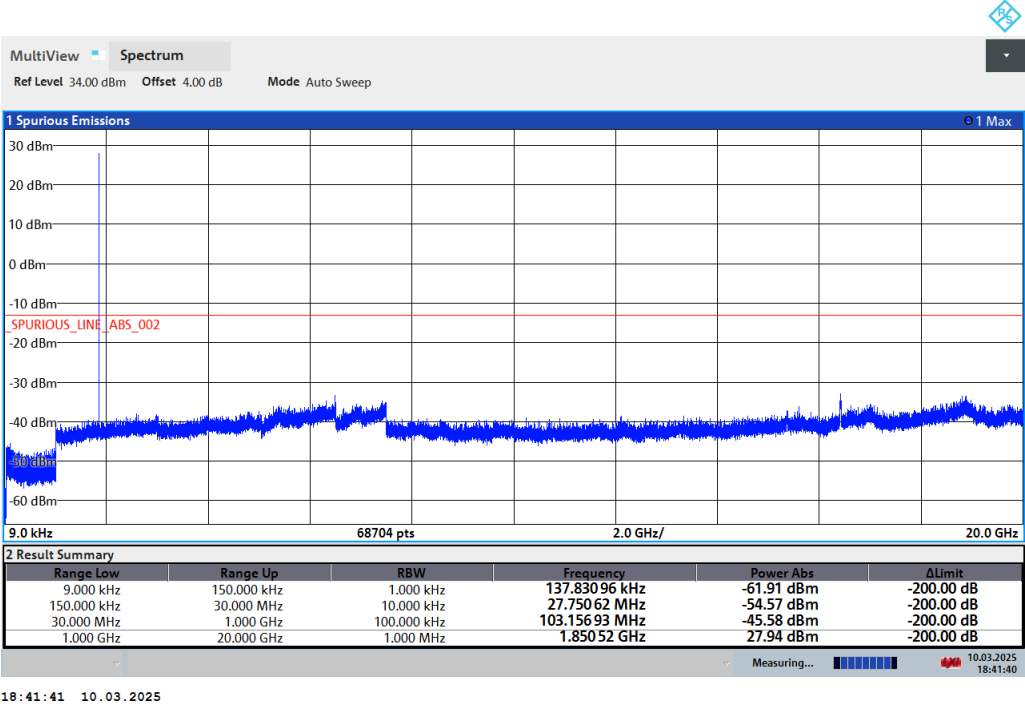
18:40:37 10.03.2025

CSE\GSM1900\GPRS\M

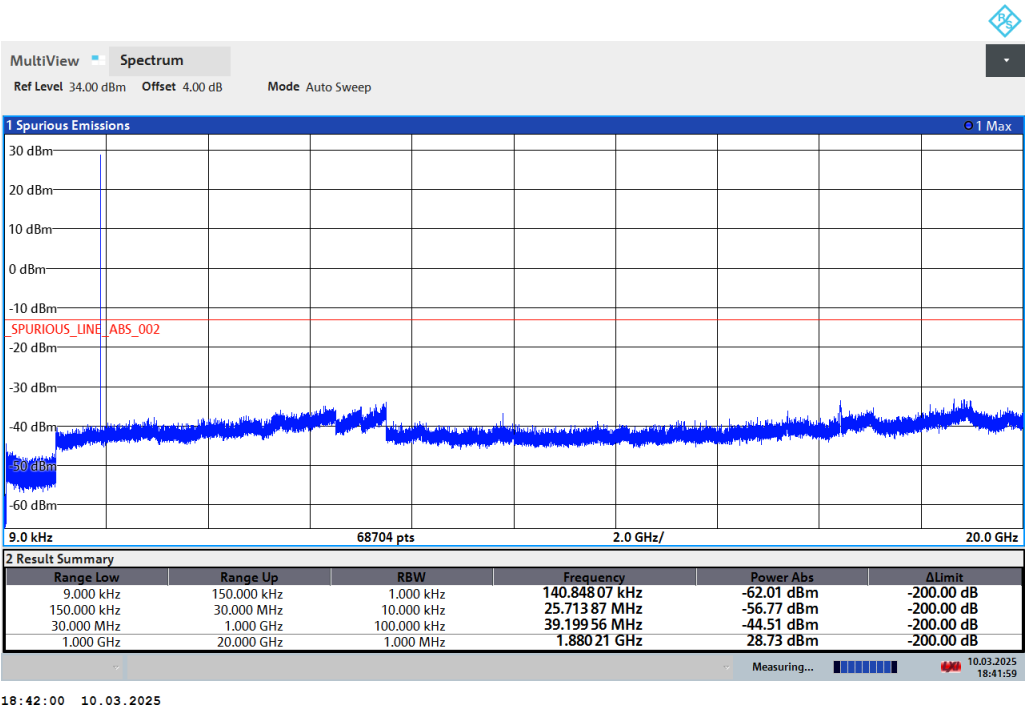


18:42:20 10.03.2025

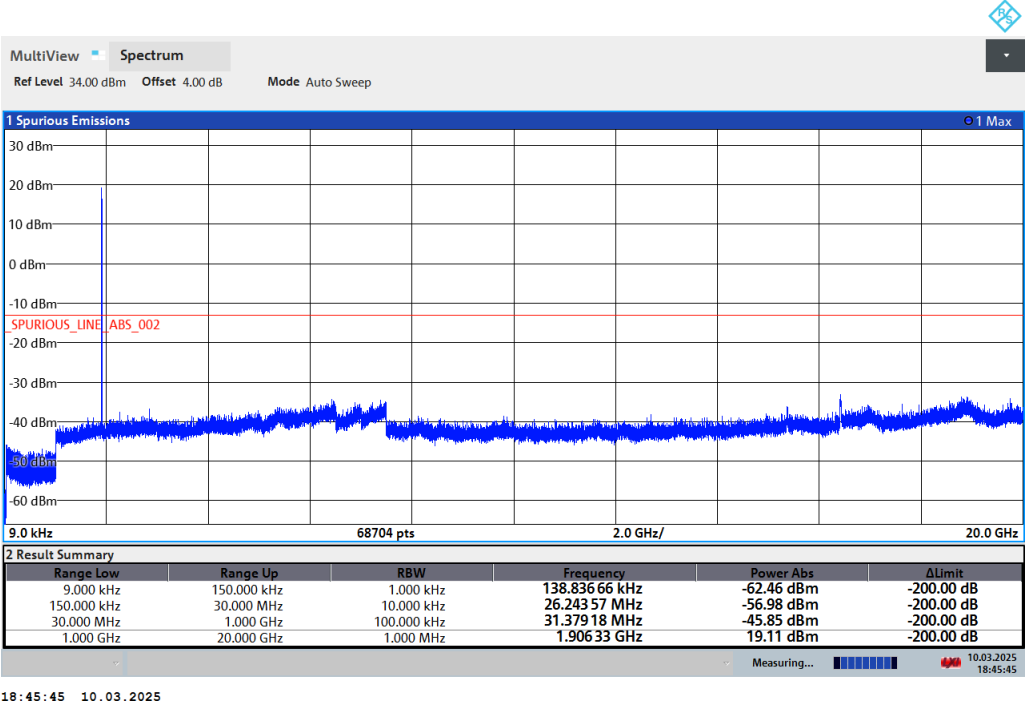
CSE\GSM1900\EGPRS\H



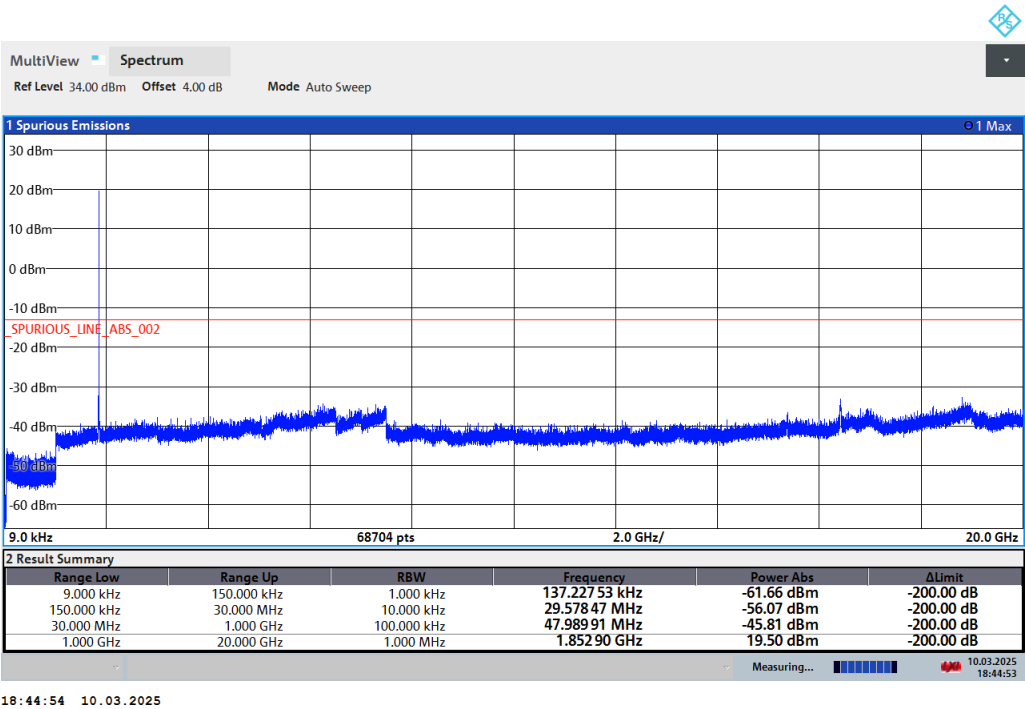
CSE\GSM1900\EGPRS\L



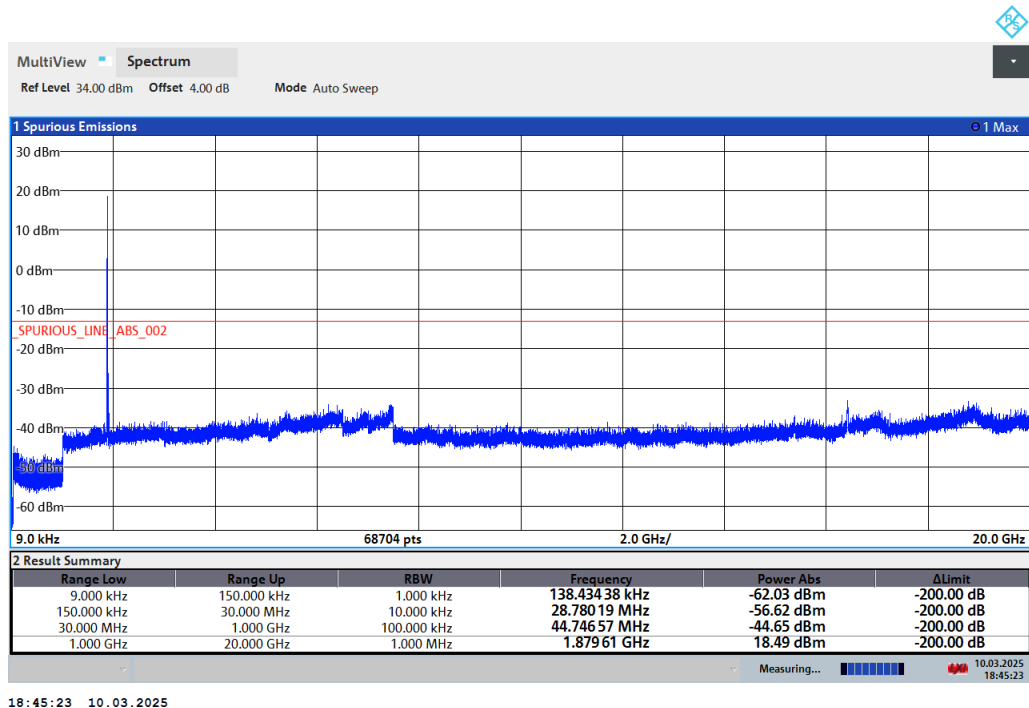
CSE\GSM1900\EGPRS\M



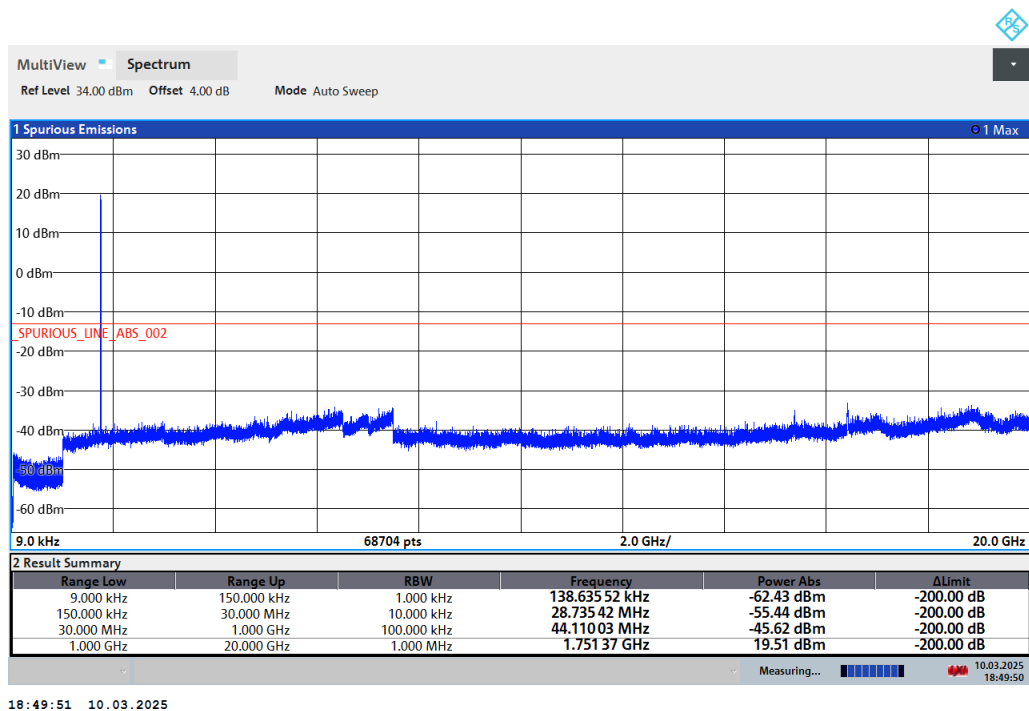
CSE\B2\H



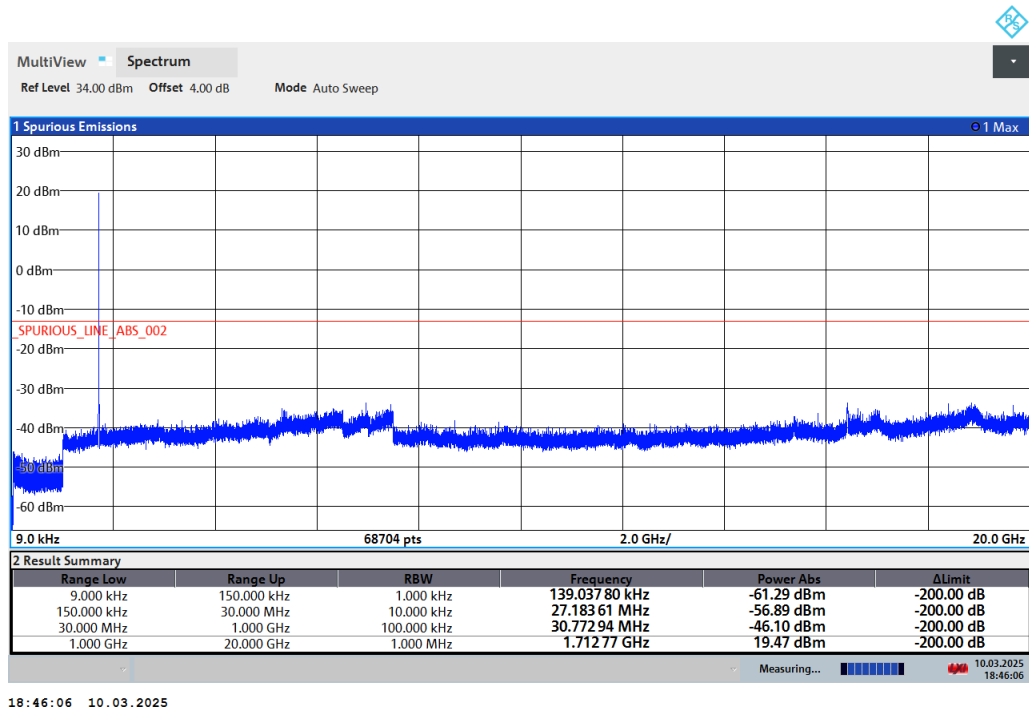
CSE\B2\L



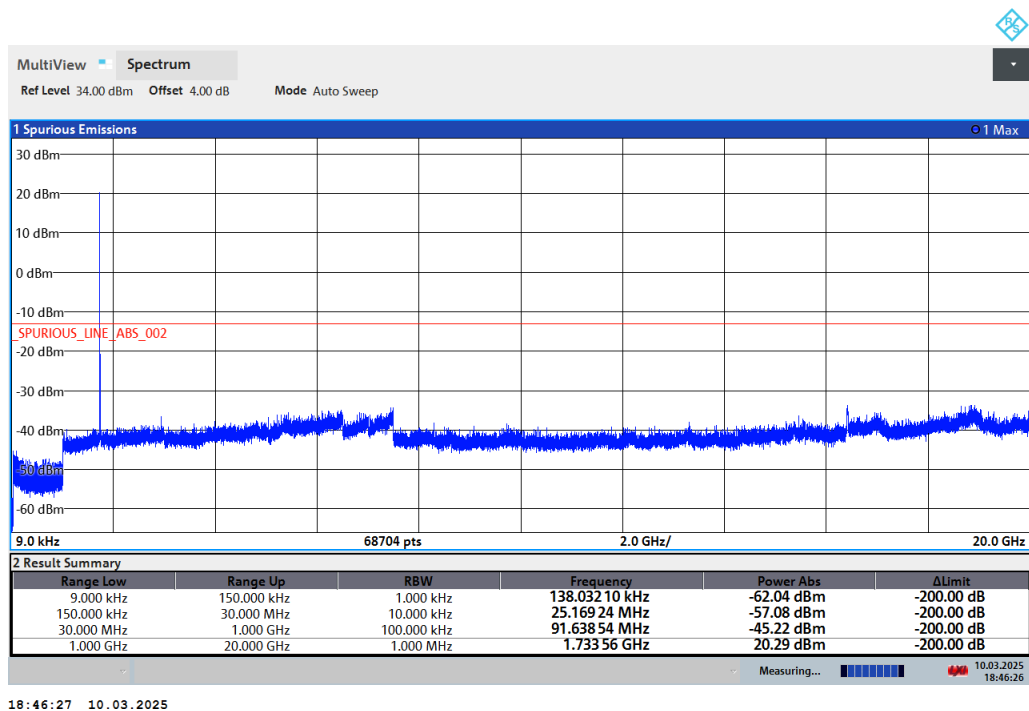
CSE\B2\M



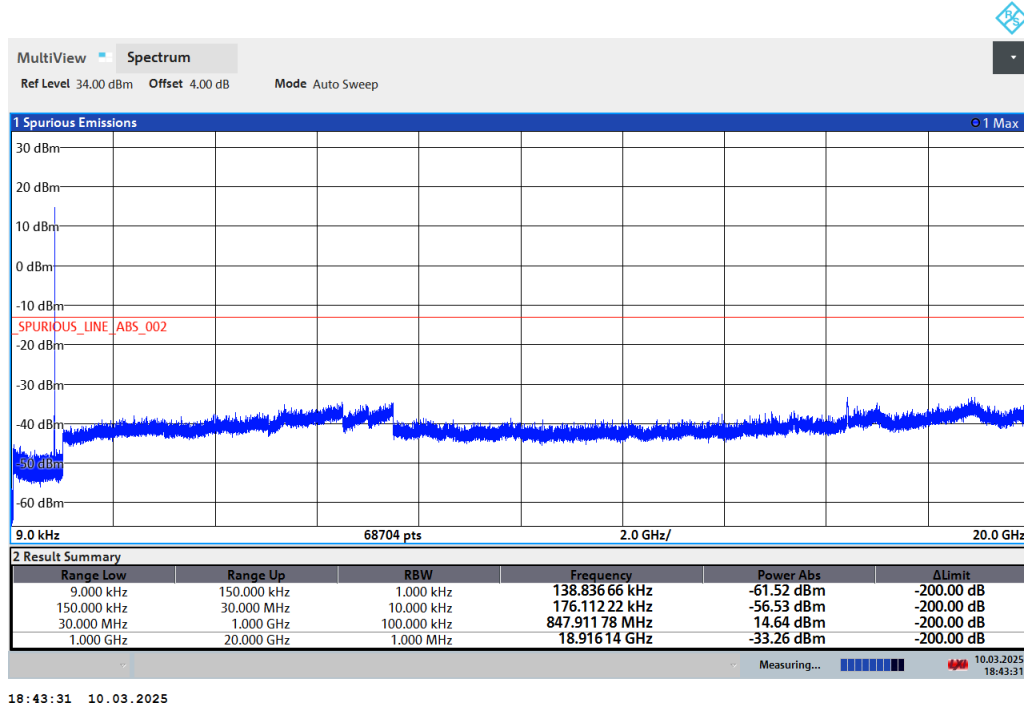
CSE\B4\H



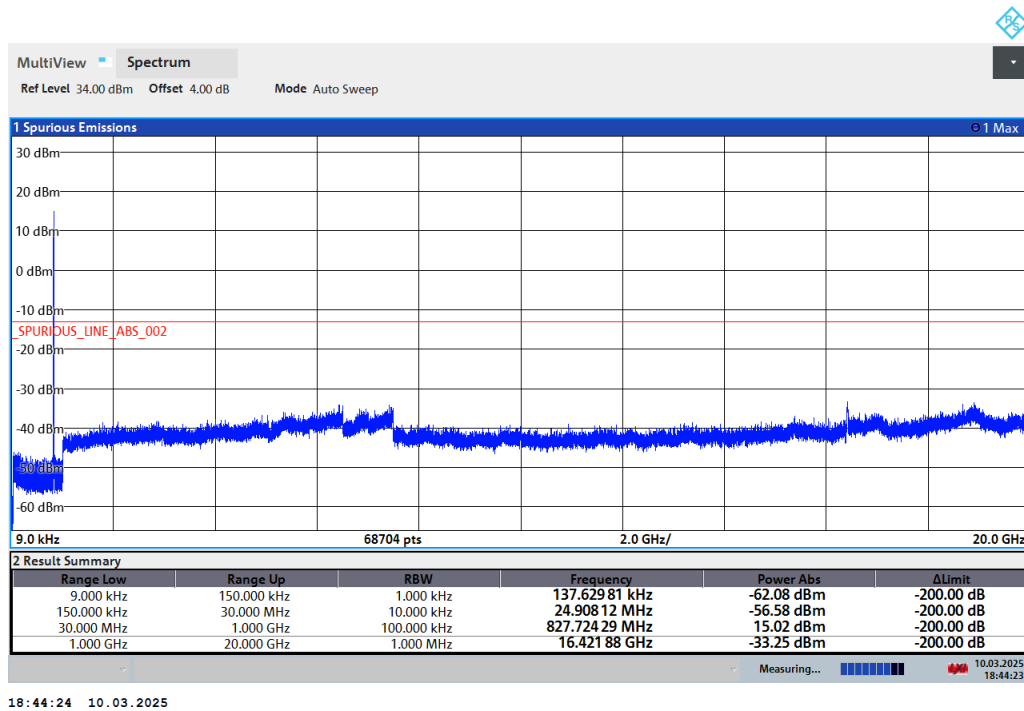
CSE\B4\L



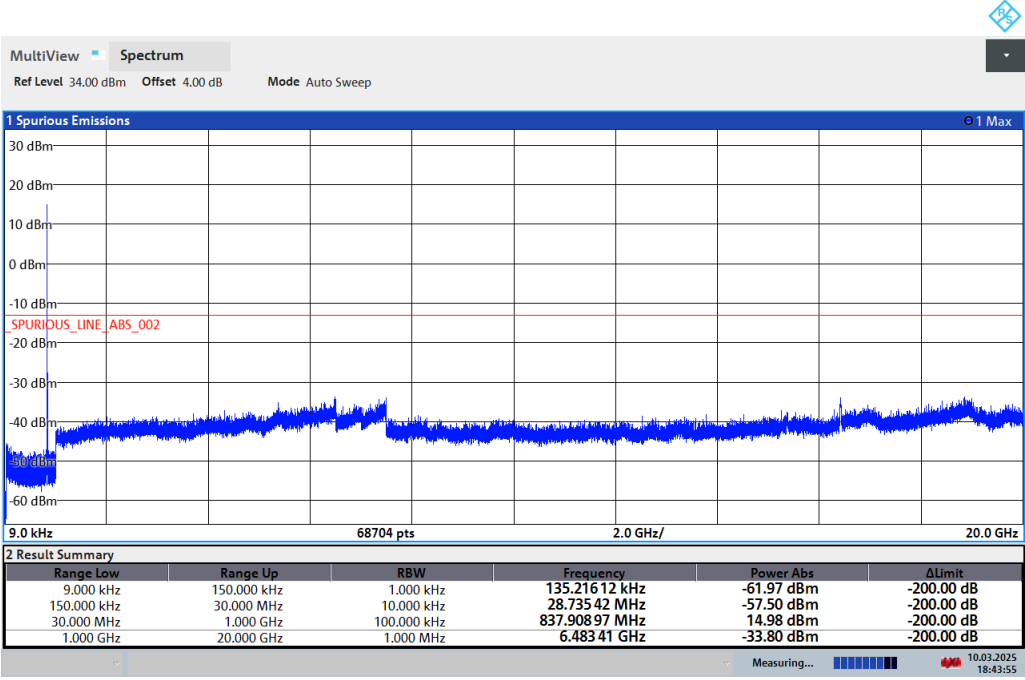
CSE\B4\M



CSE\B5\H

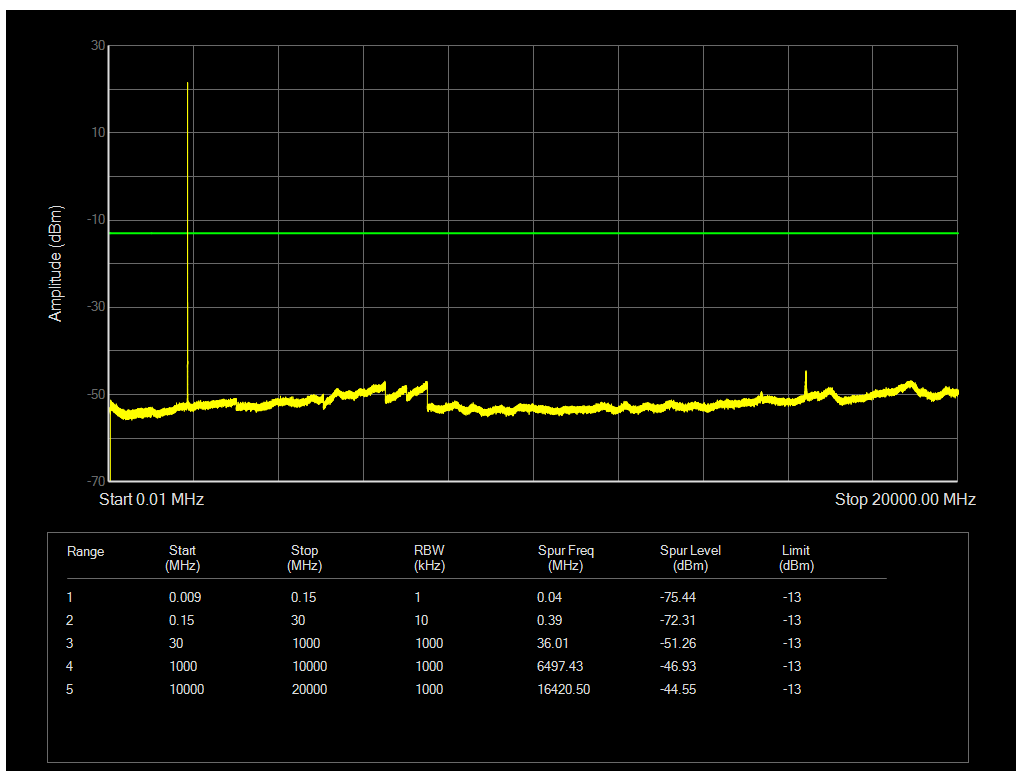


CSE\B5\L

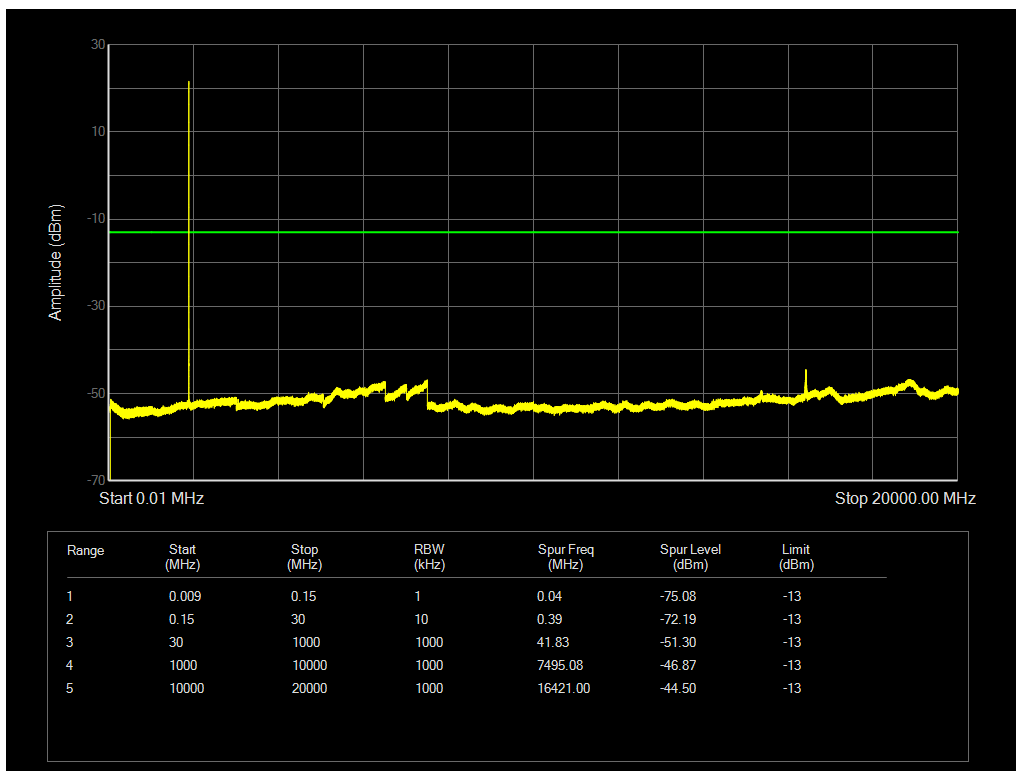


18:43:56 10.03.2025

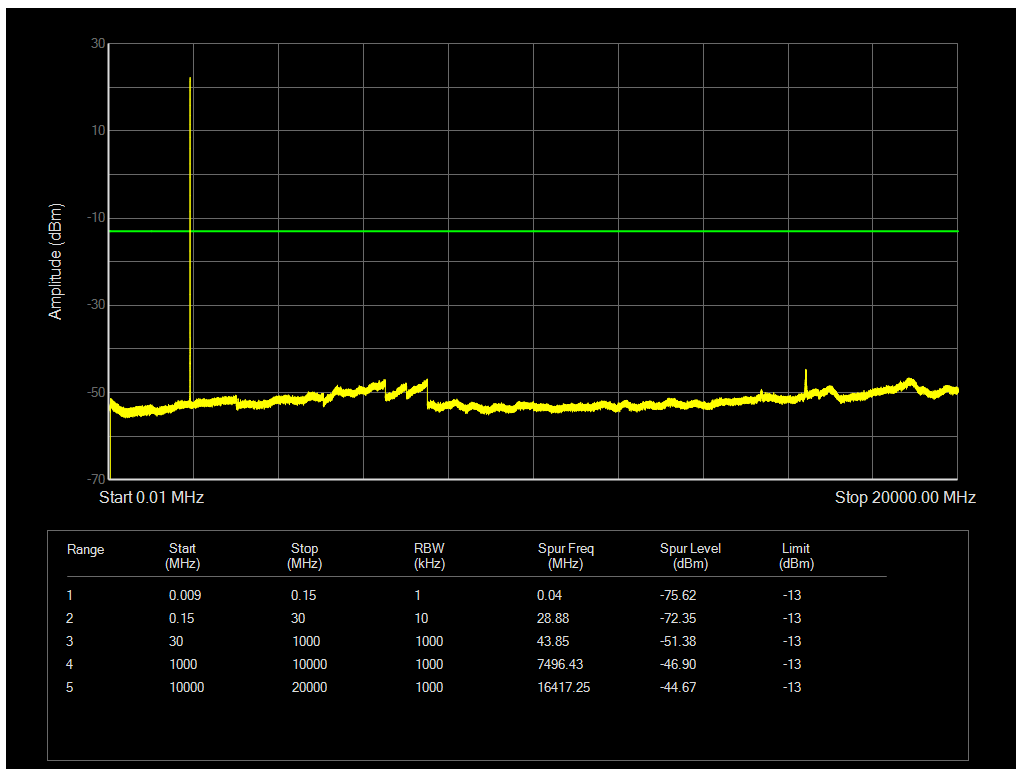
CSE\B5\M



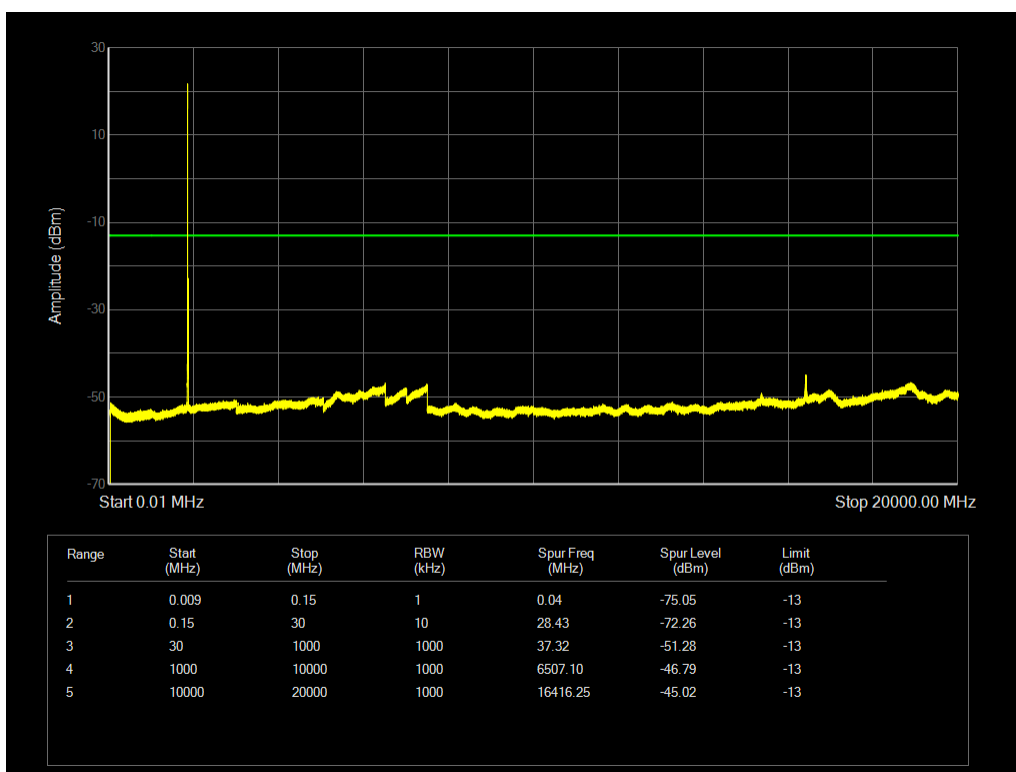
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



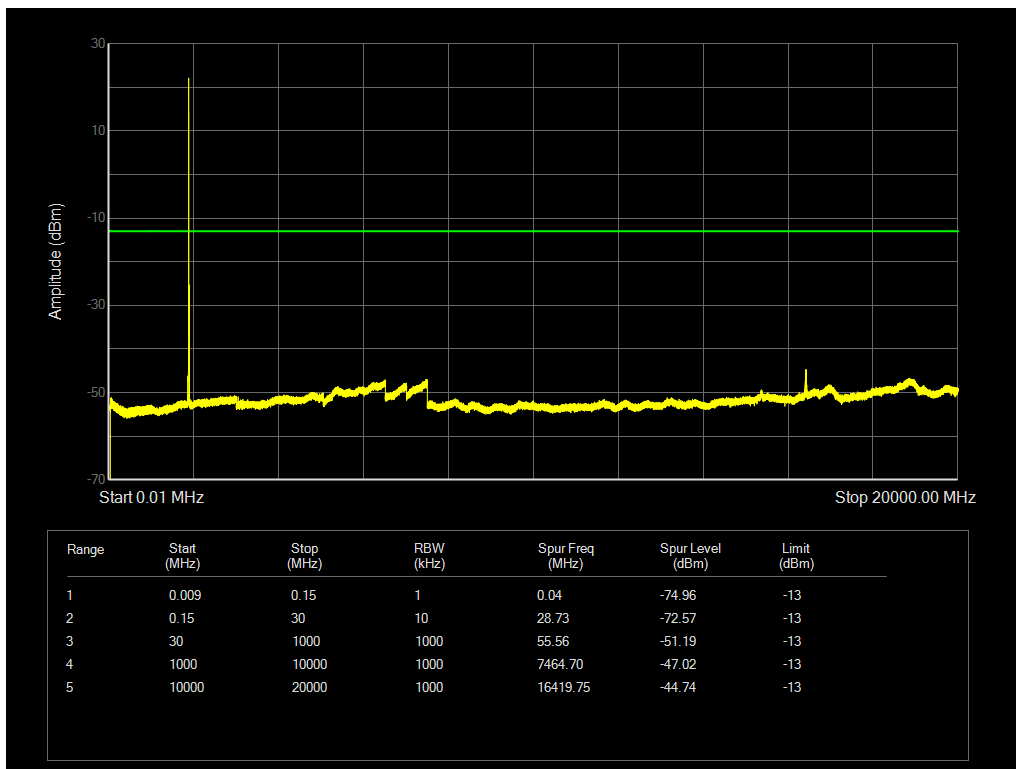
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



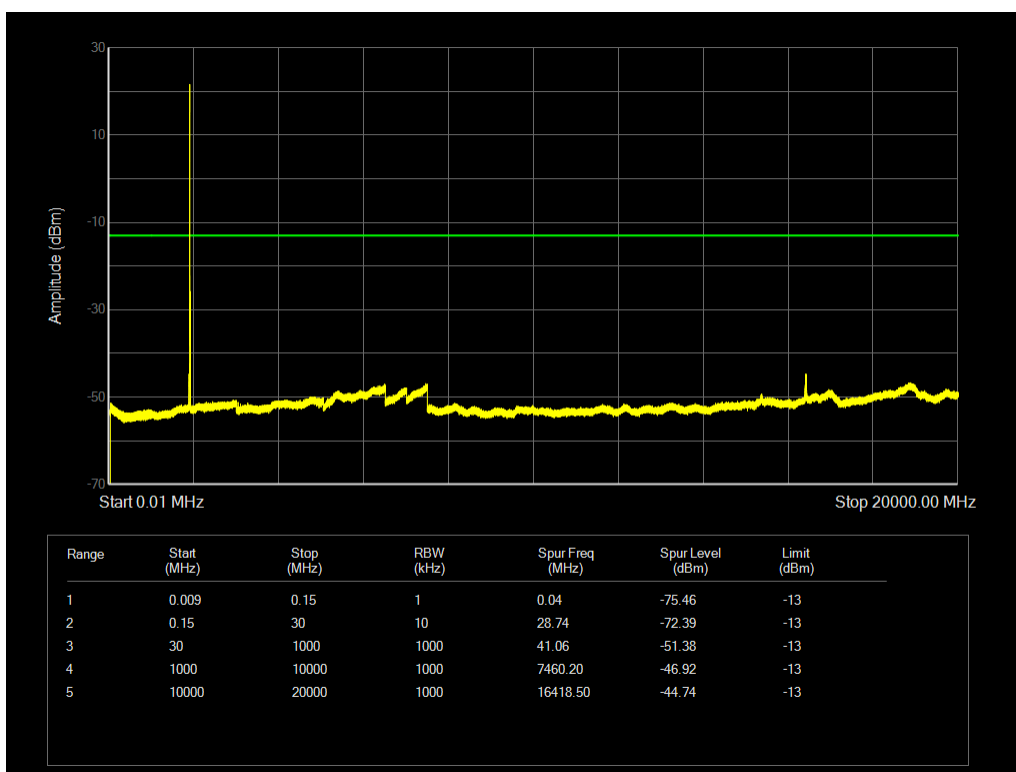
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



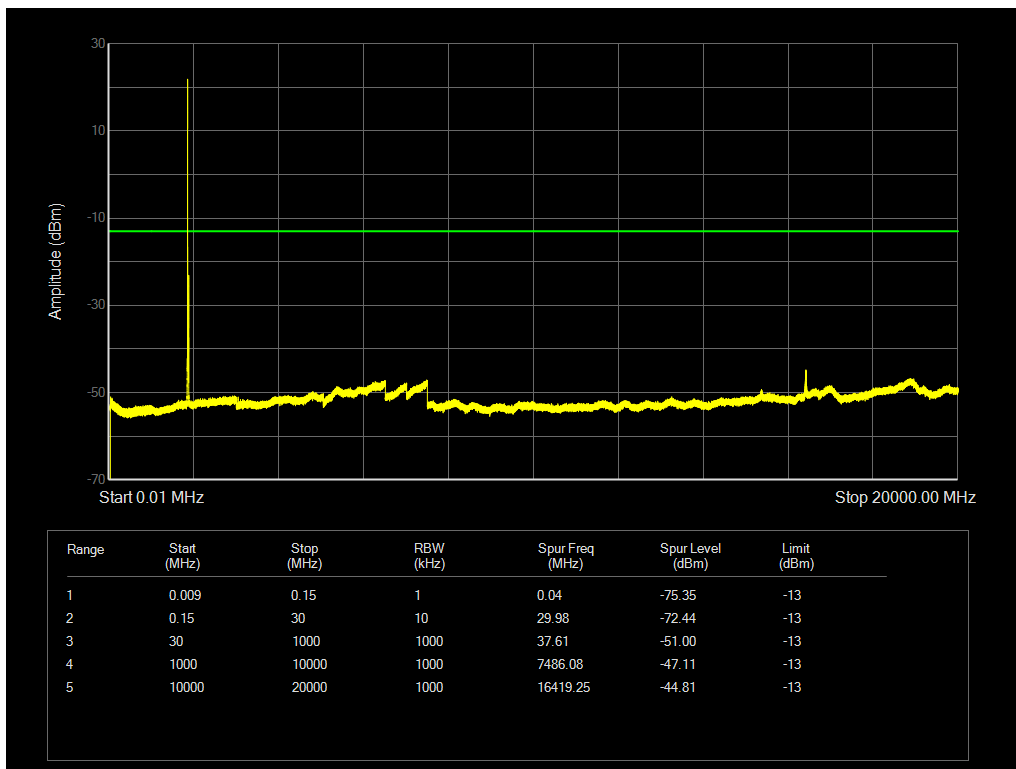
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



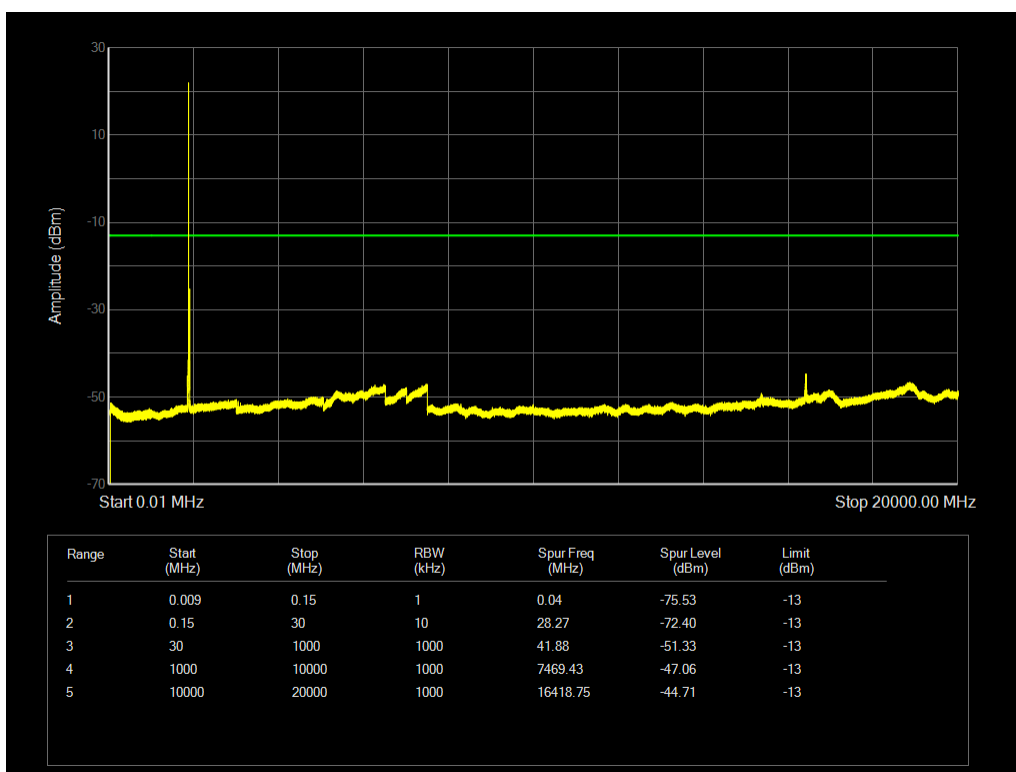
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



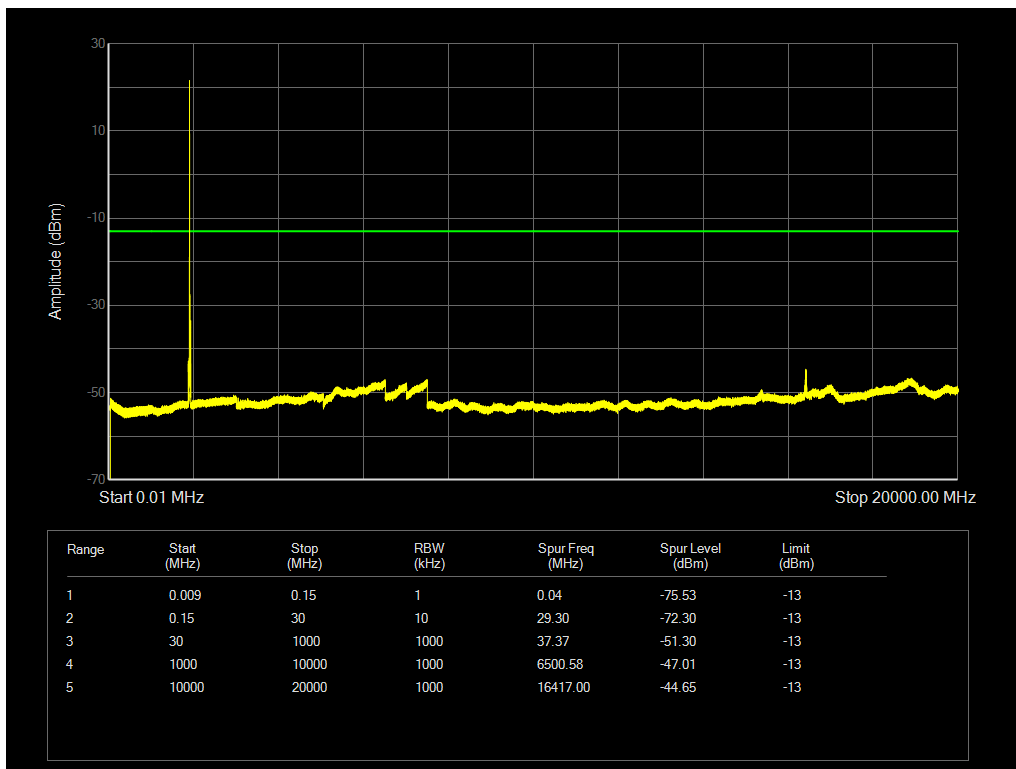
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



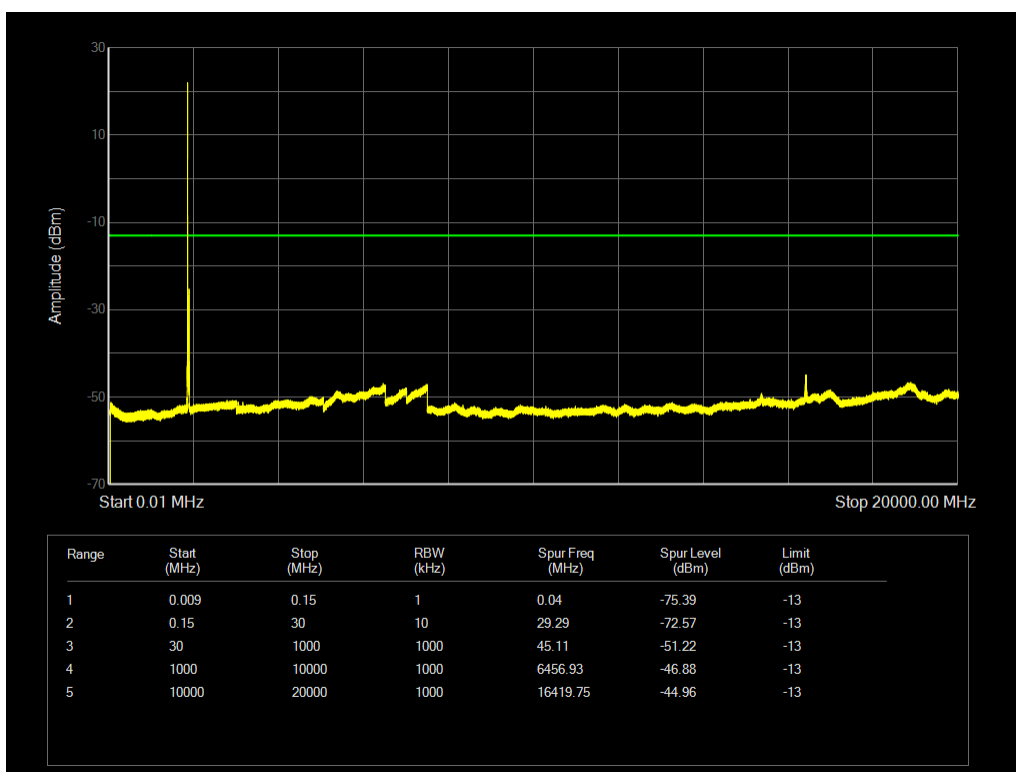
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



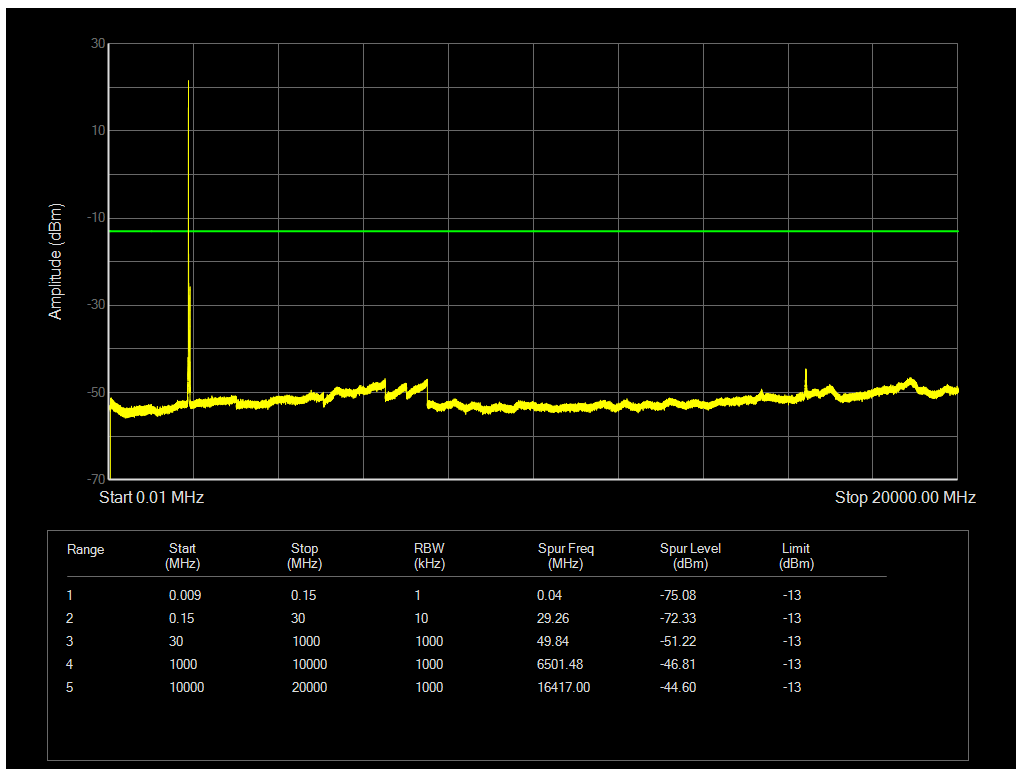
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



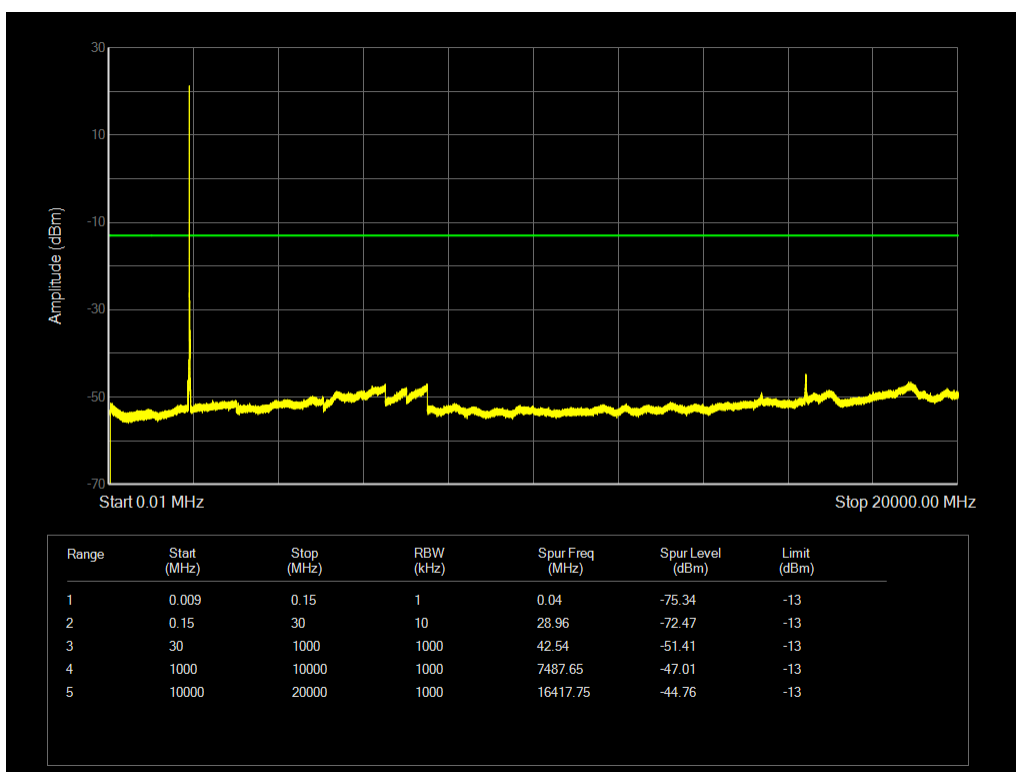
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



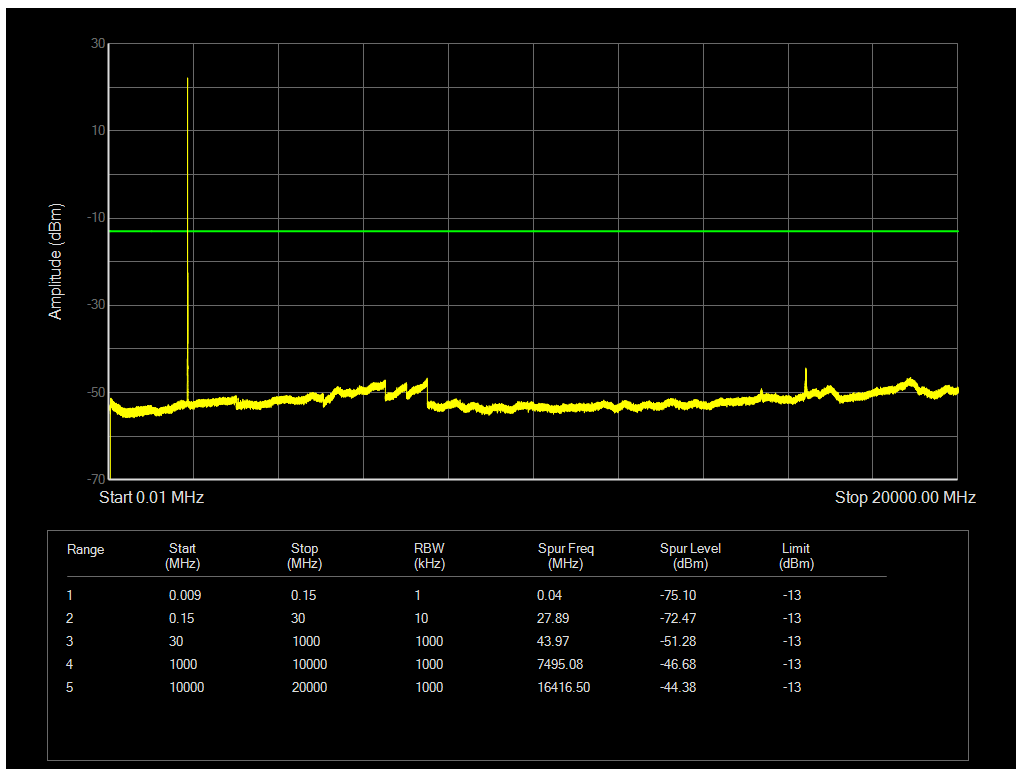
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



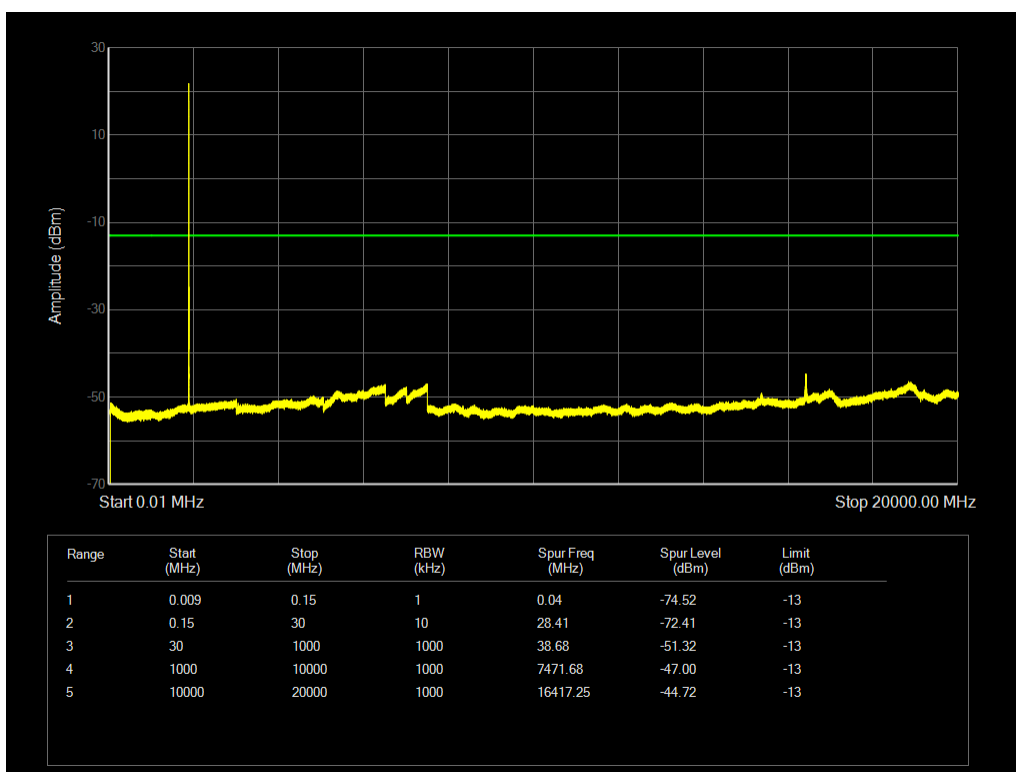
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



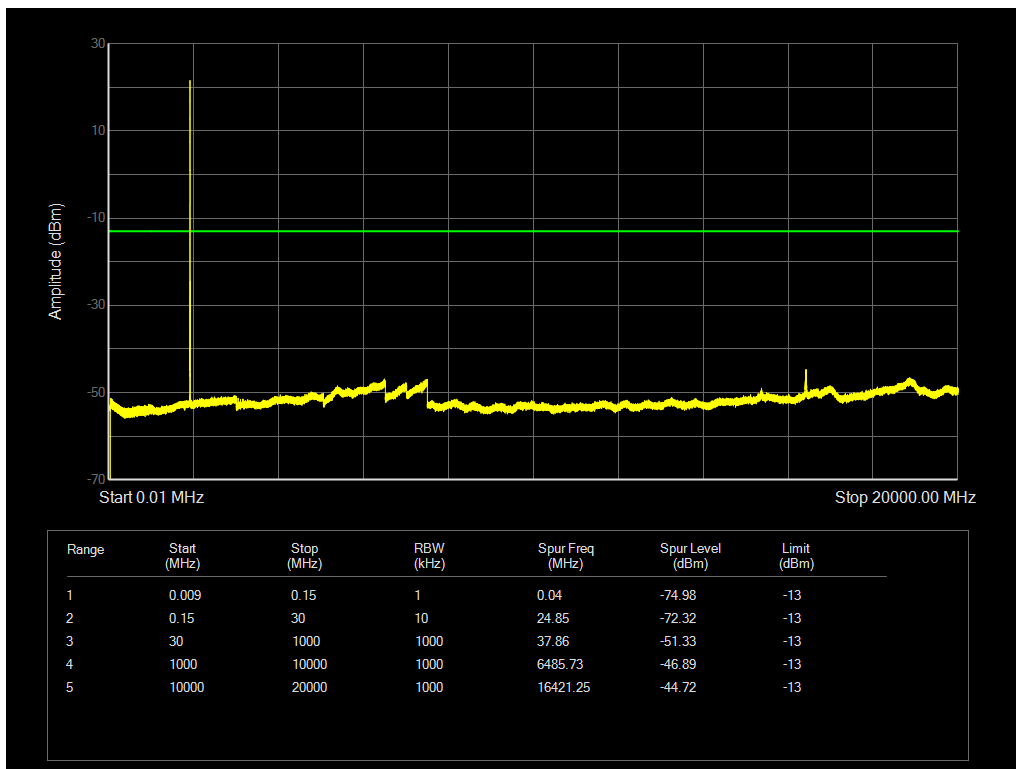
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



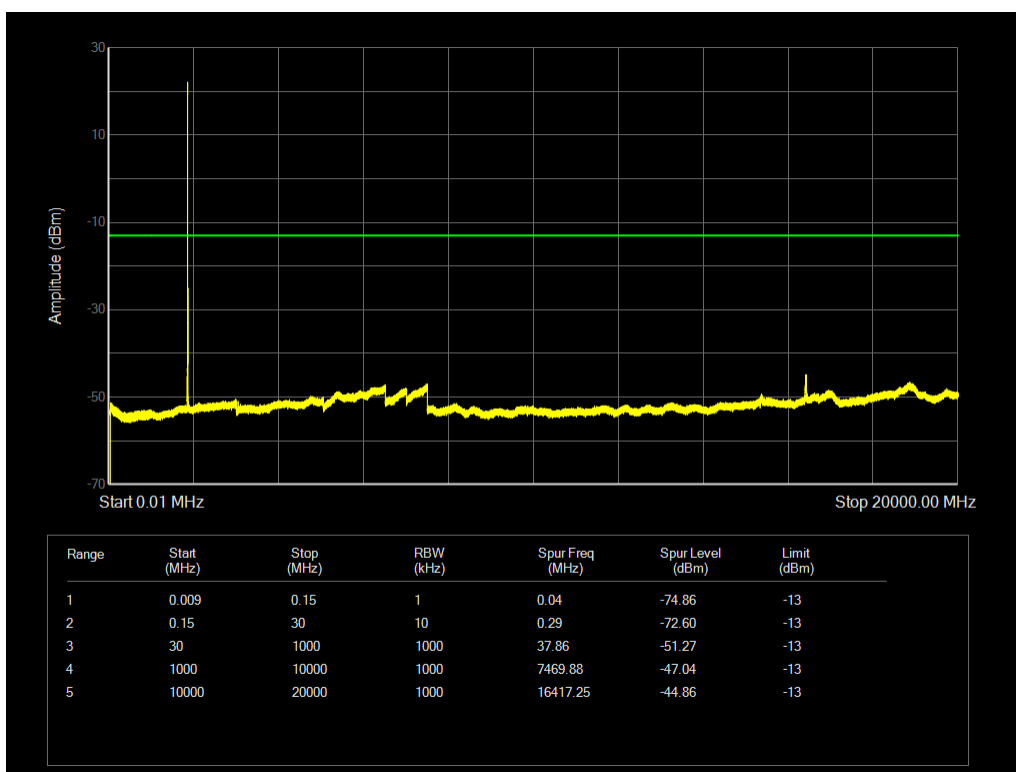
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



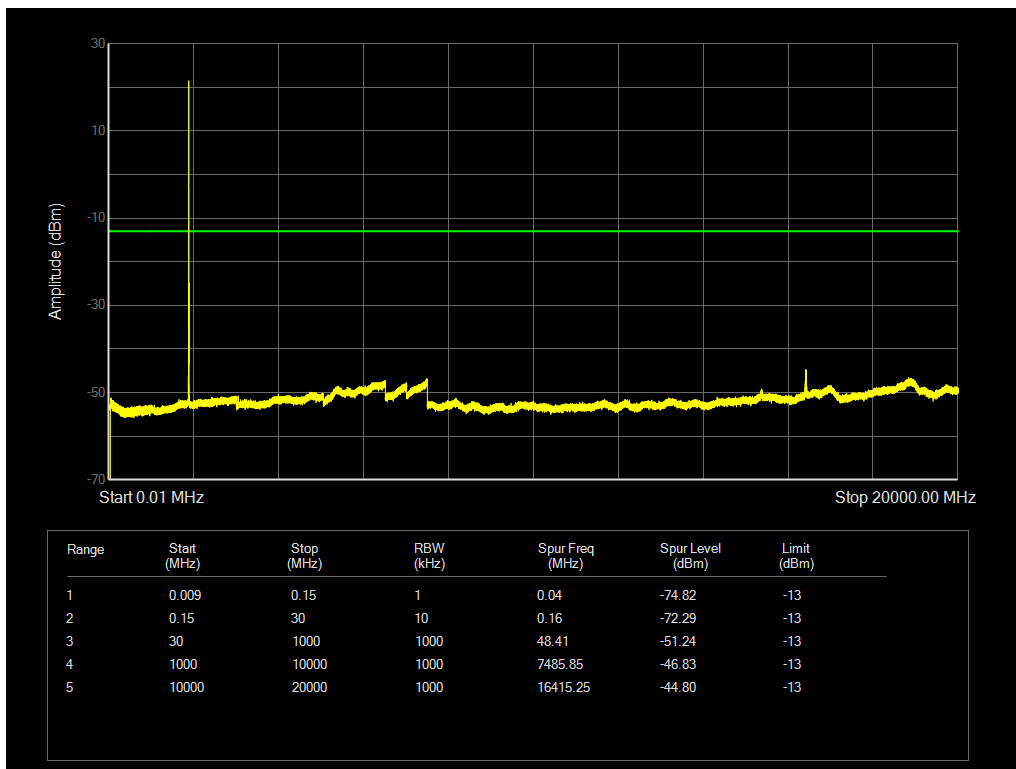
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



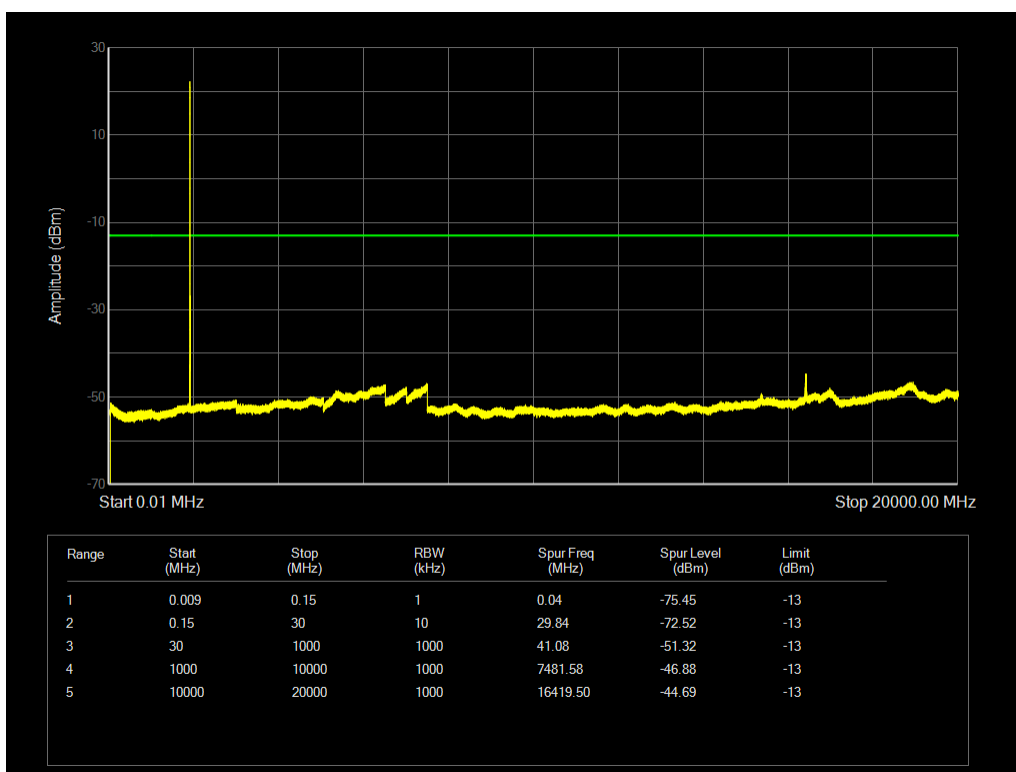
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



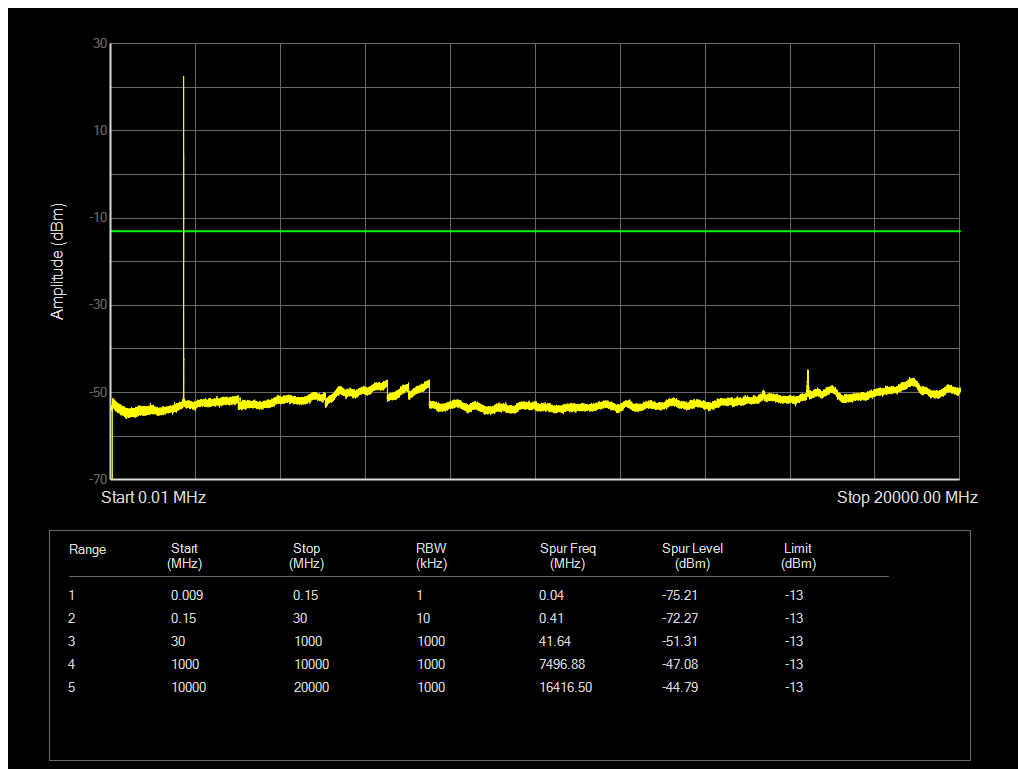
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



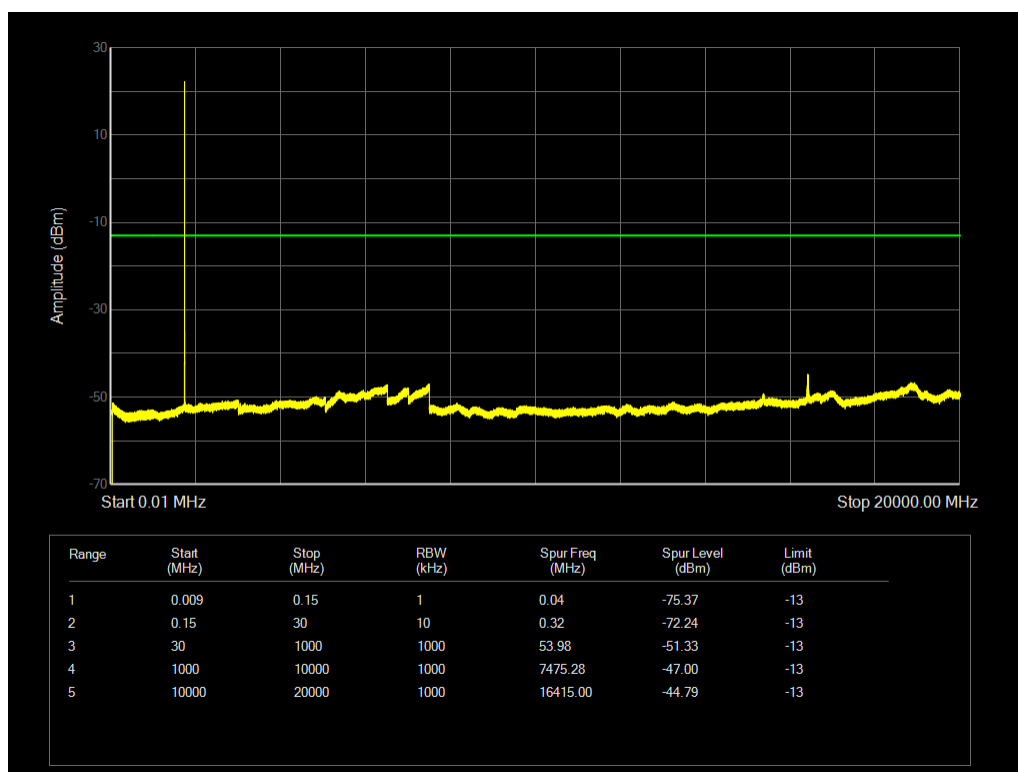
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



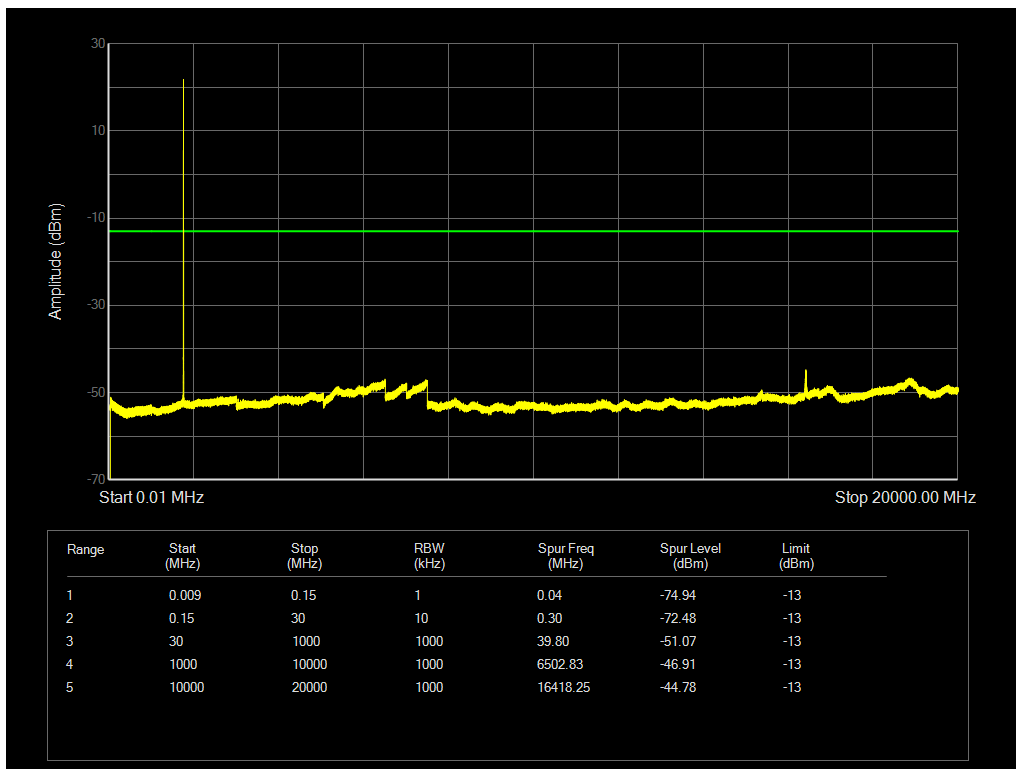
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



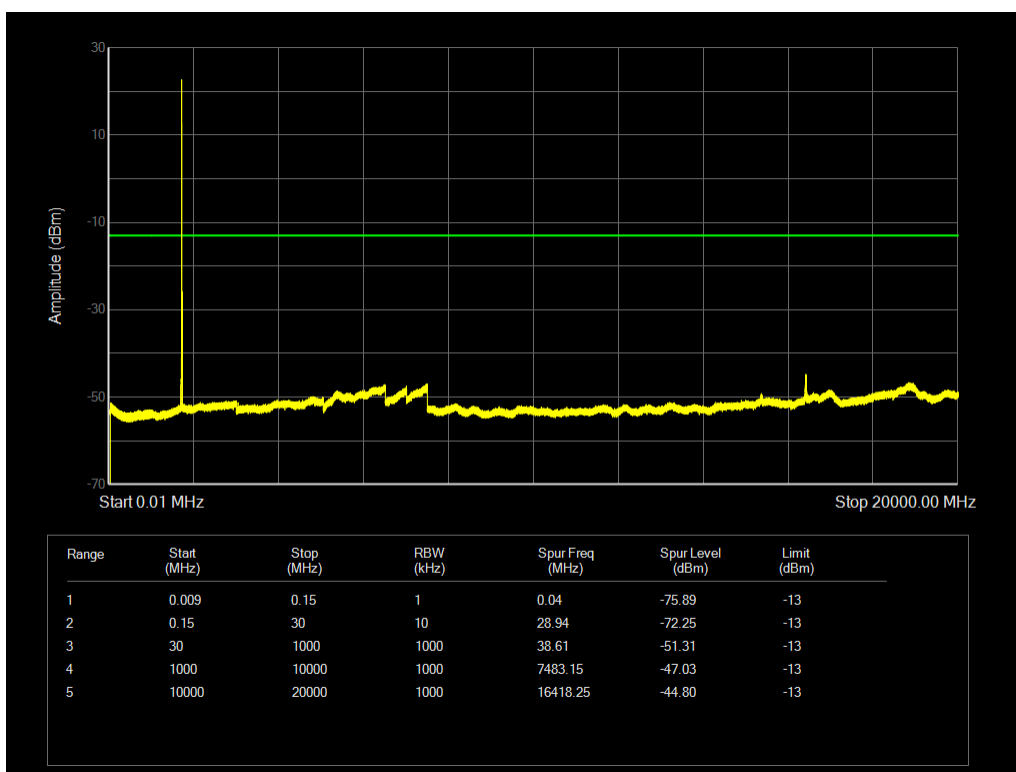
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



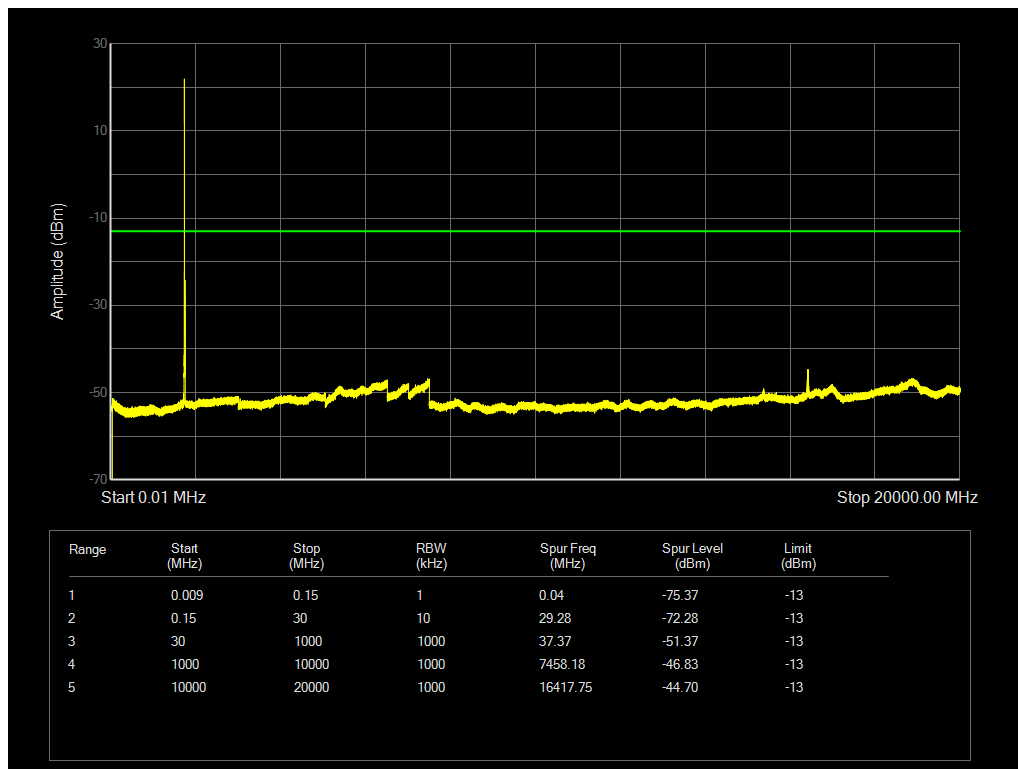
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



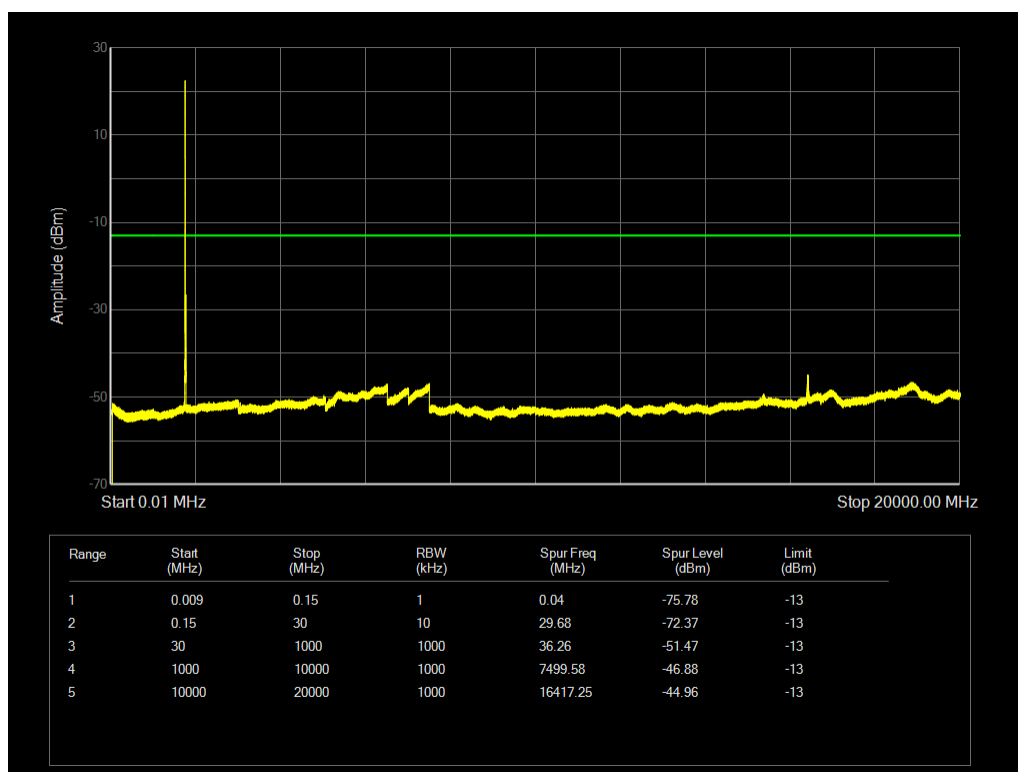
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



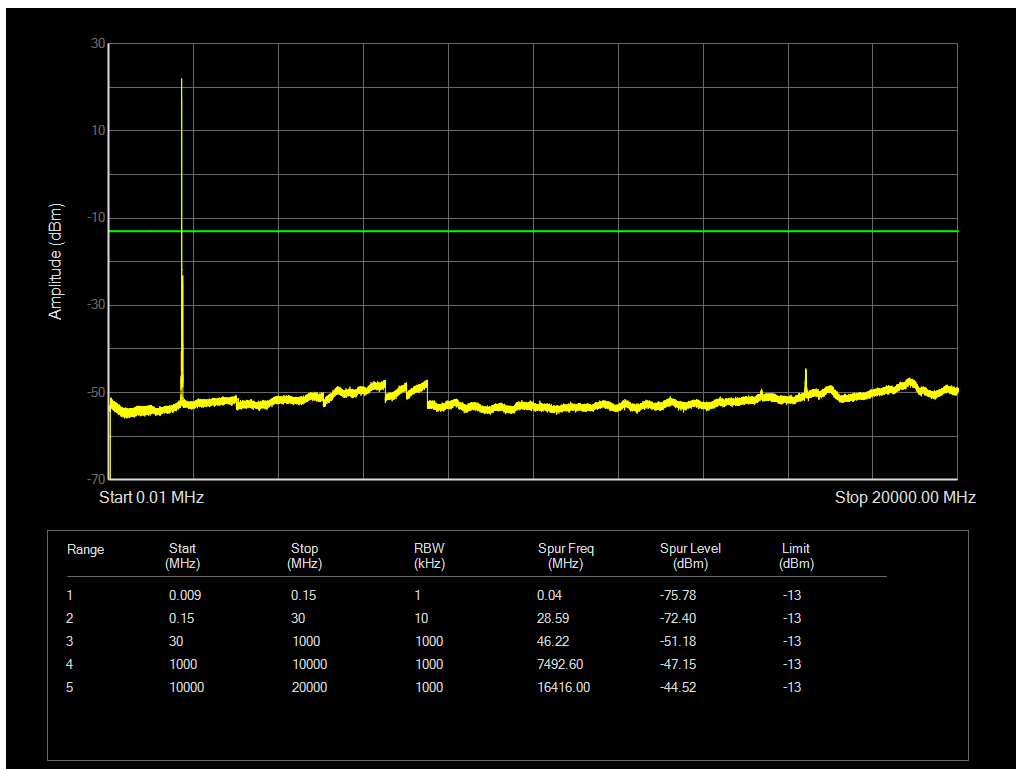
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



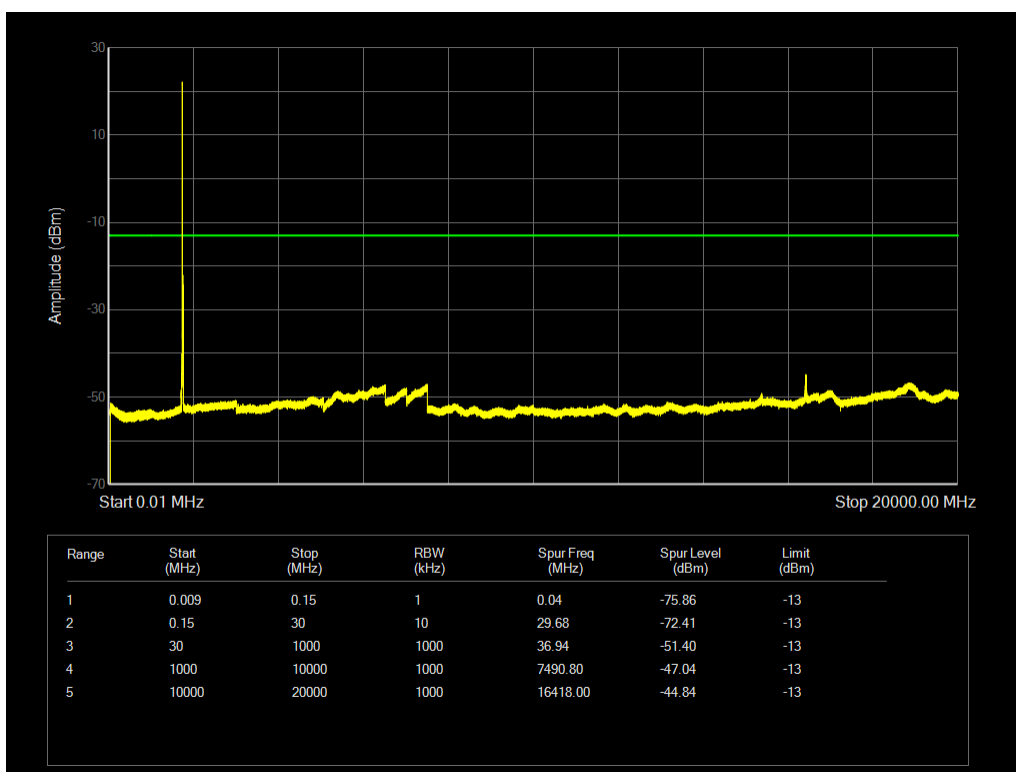
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



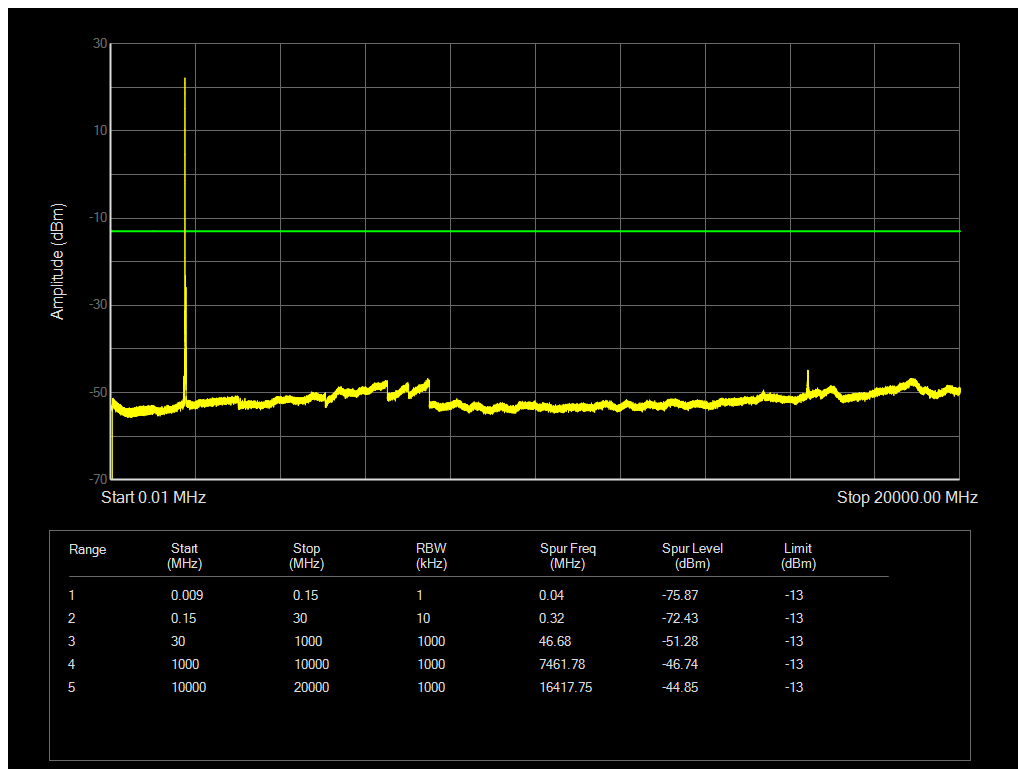
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



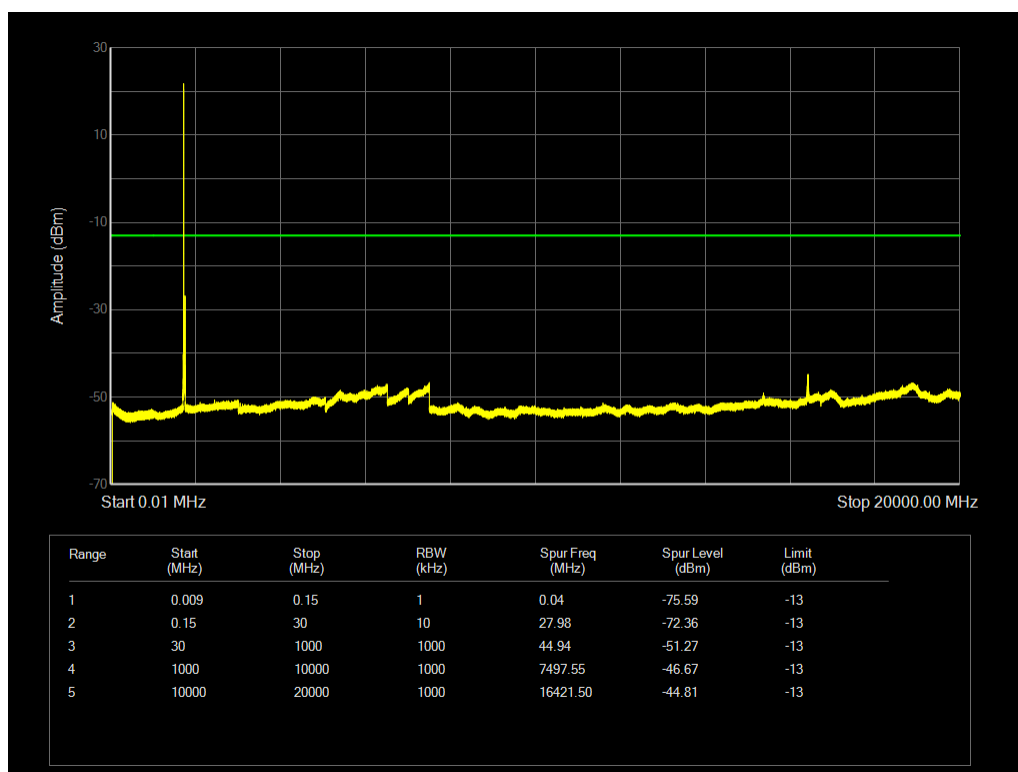
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



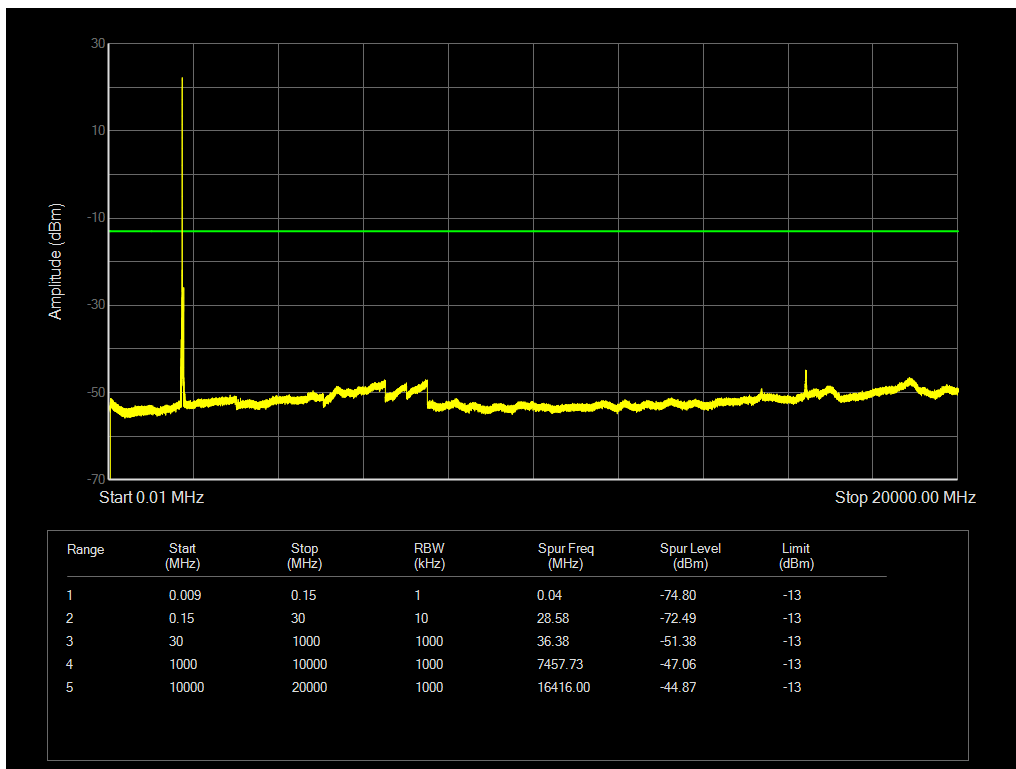
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



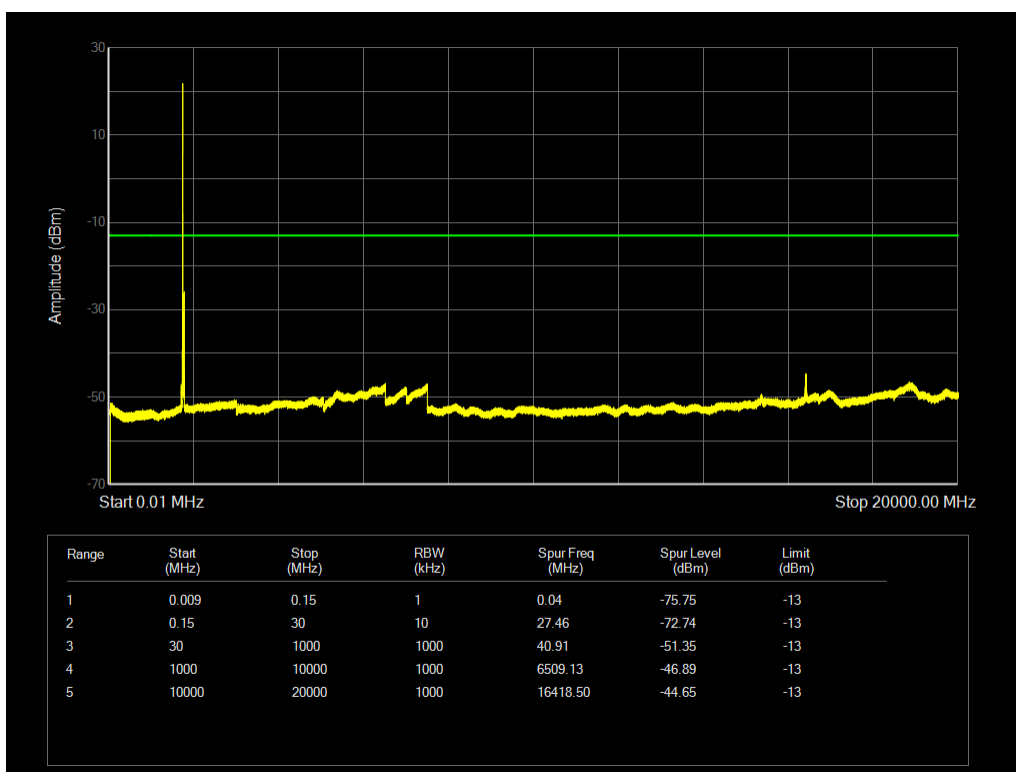
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



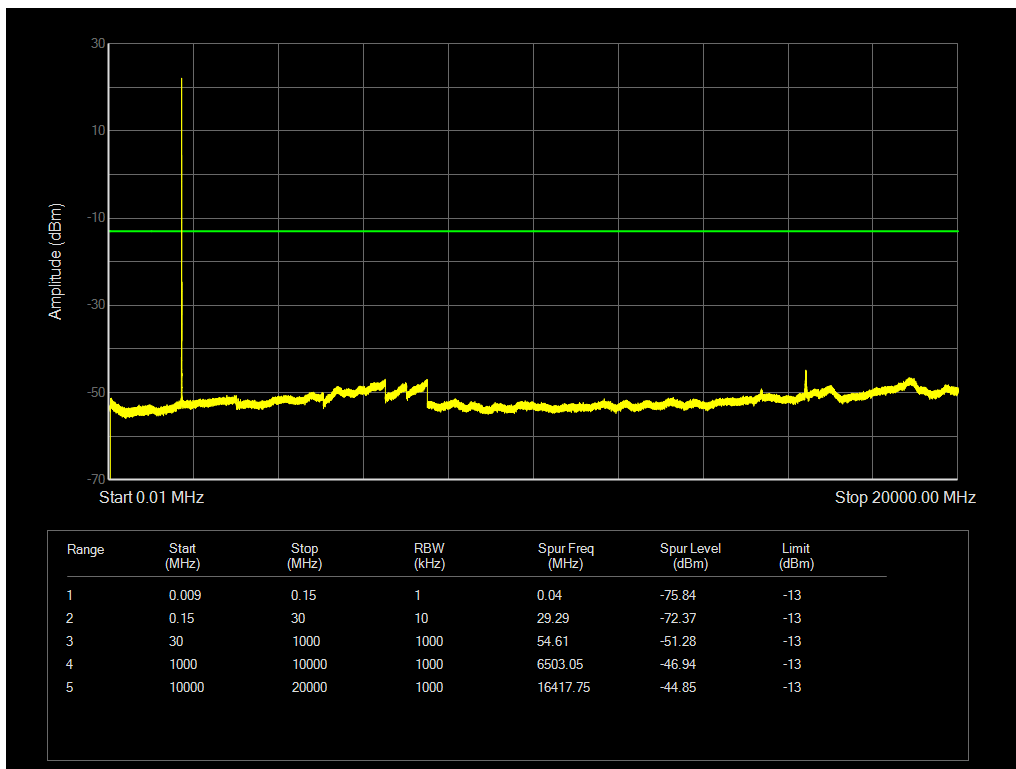
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



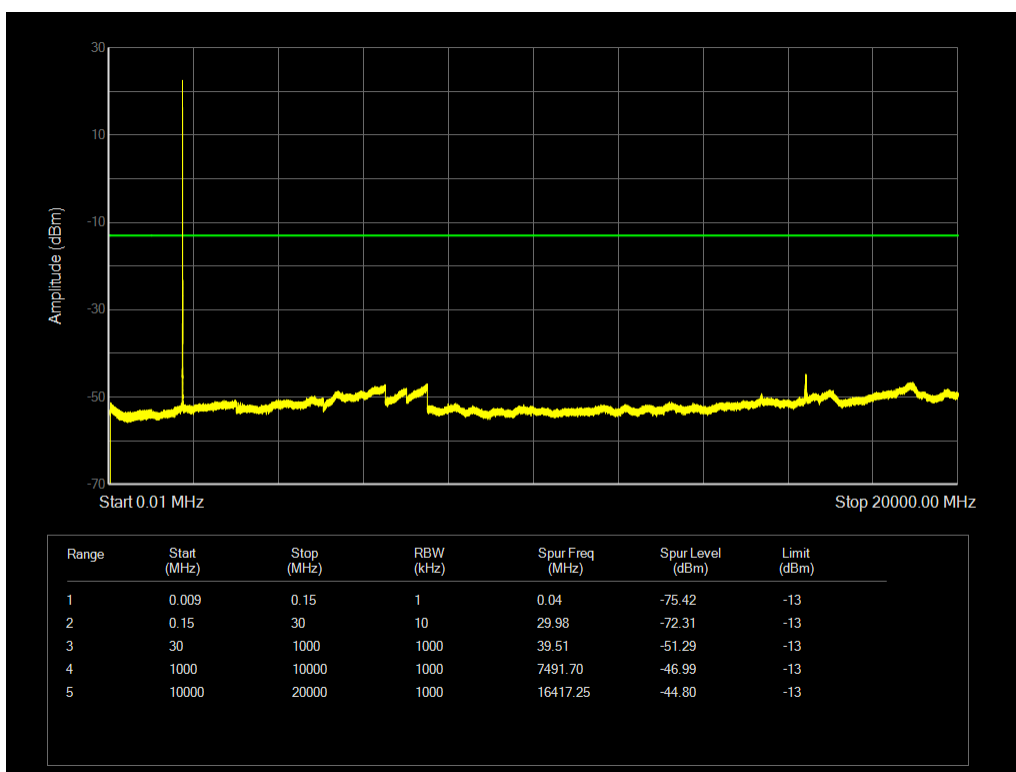
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



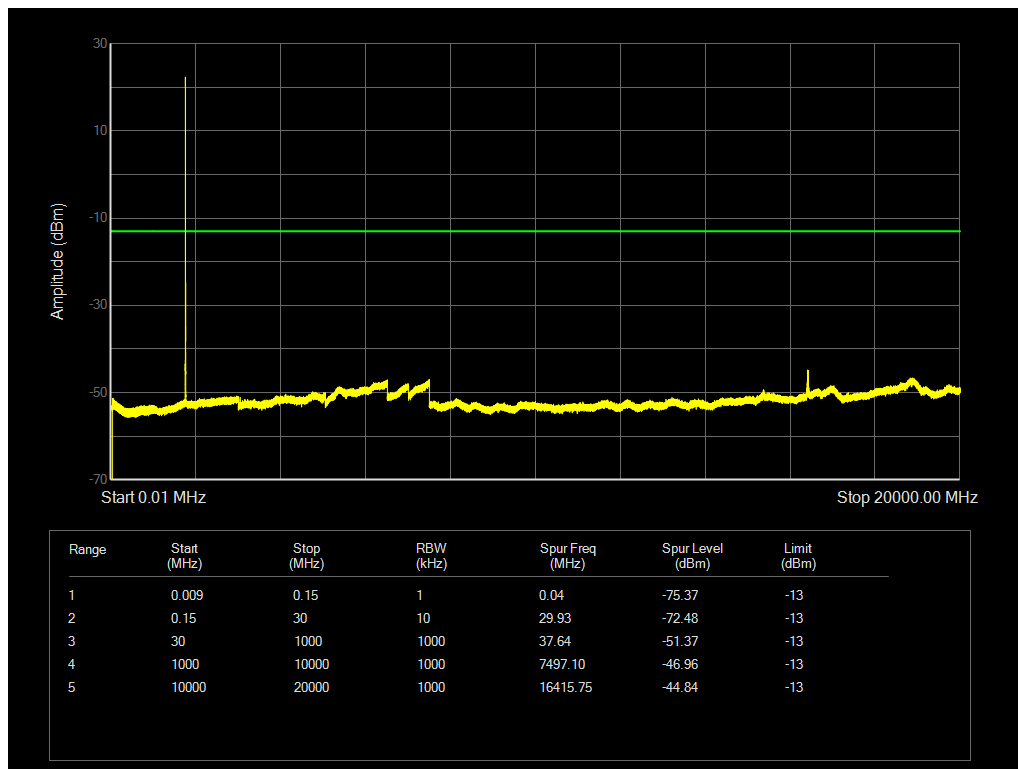
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



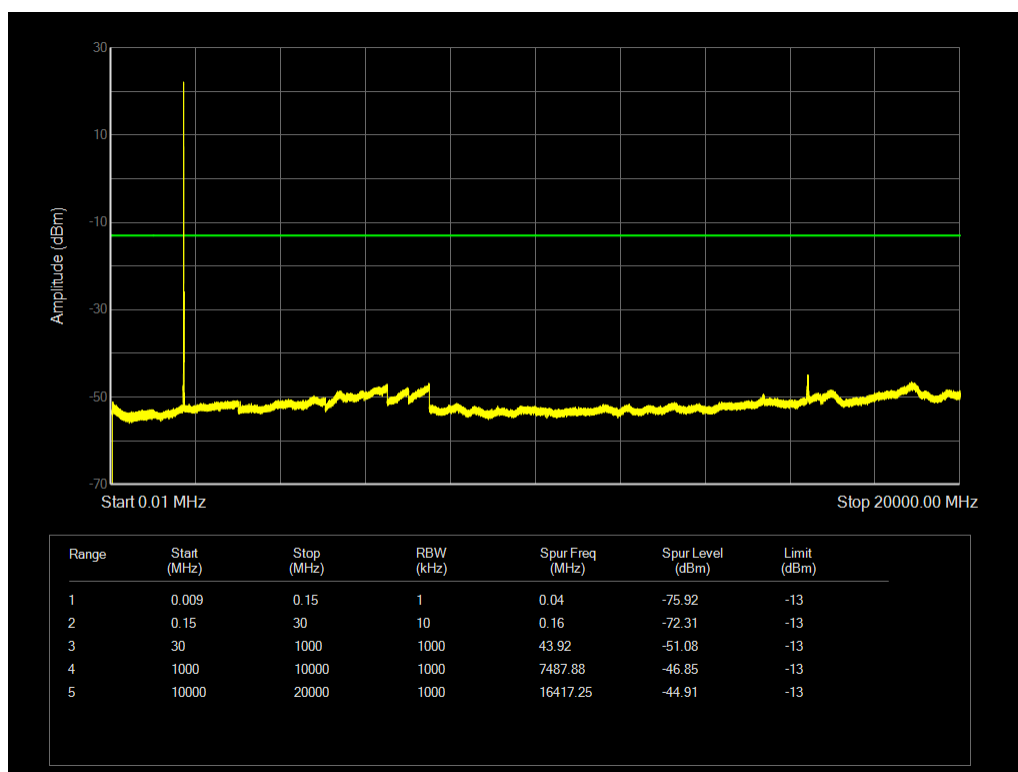
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



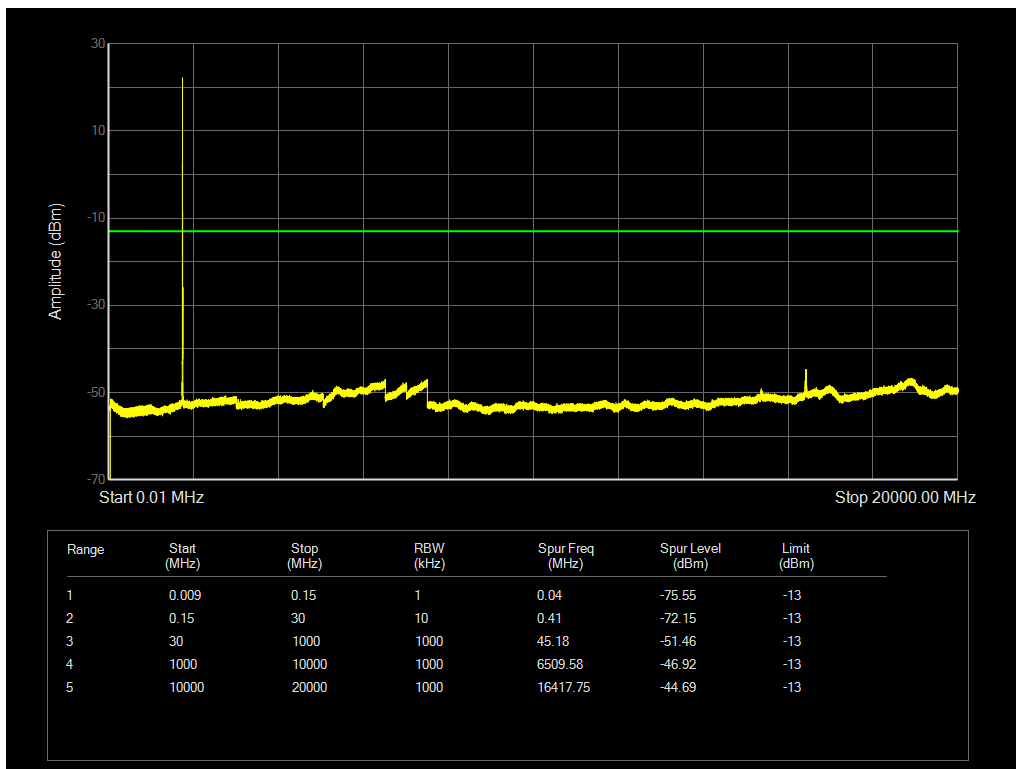
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



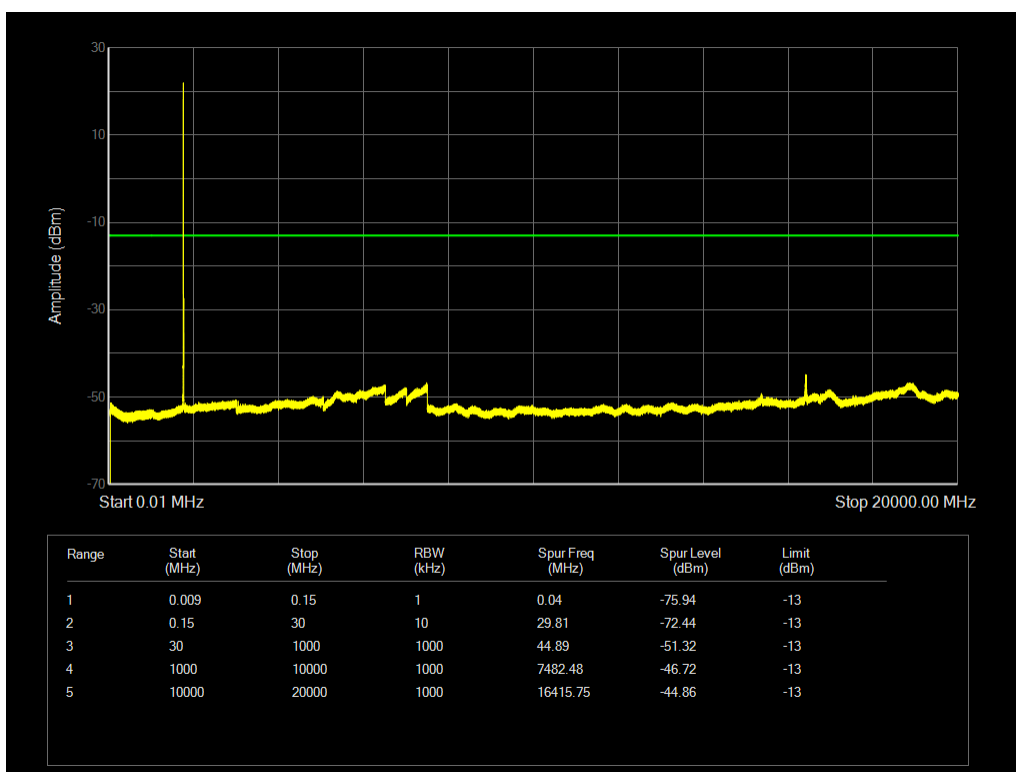
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



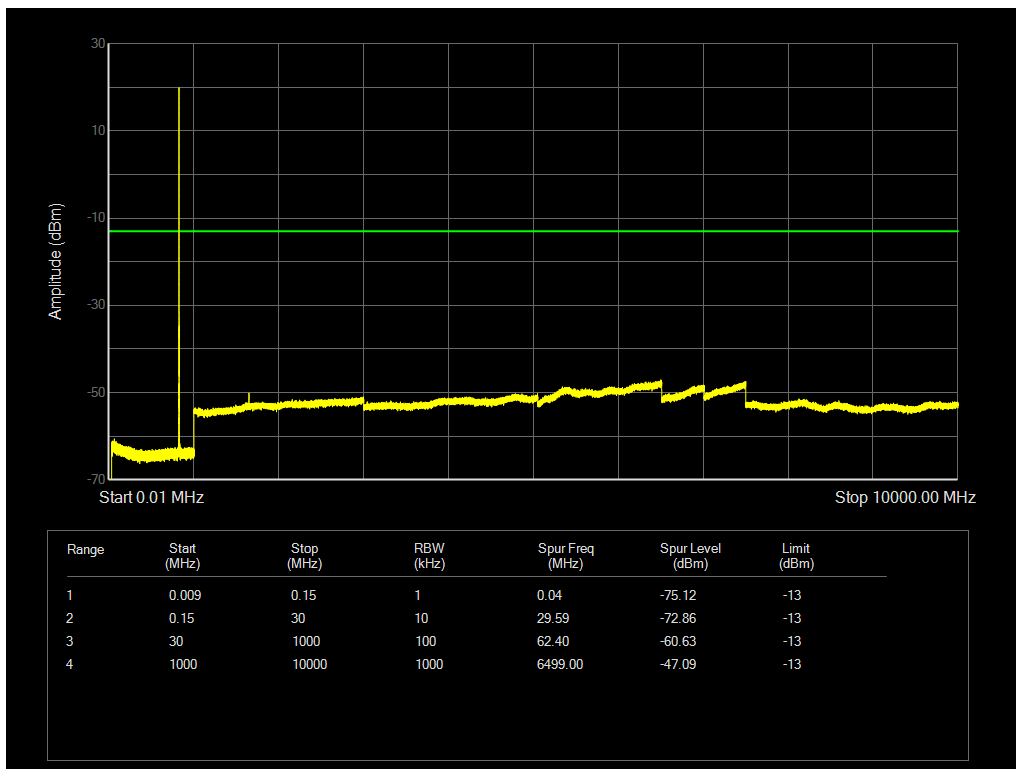
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



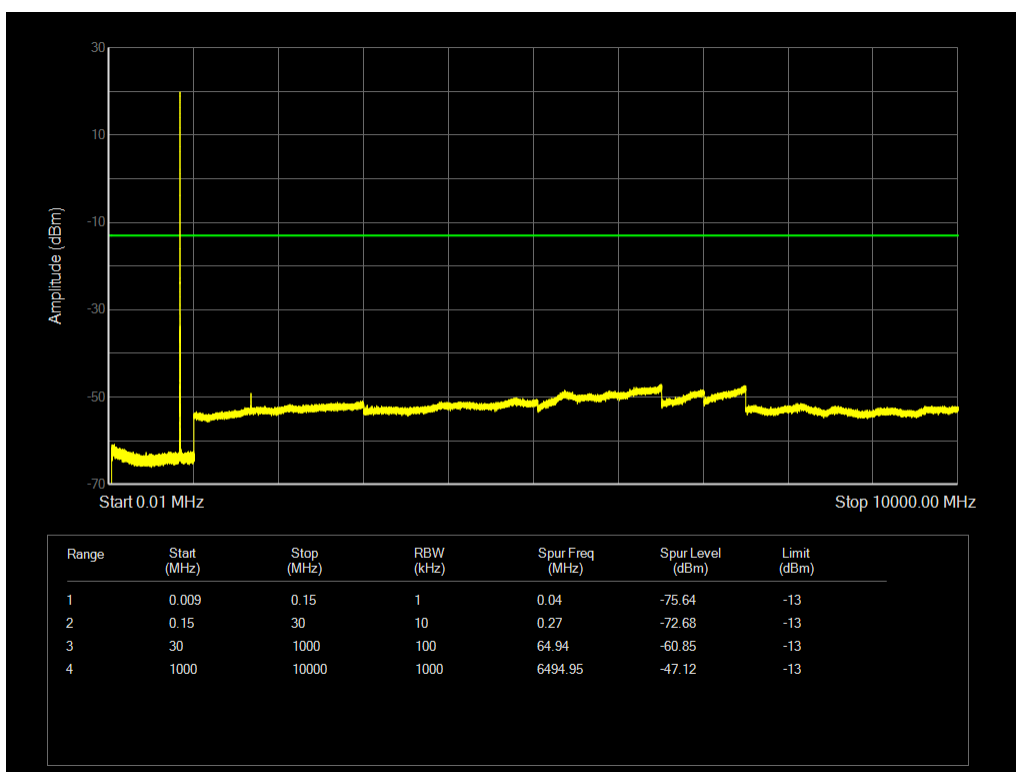
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



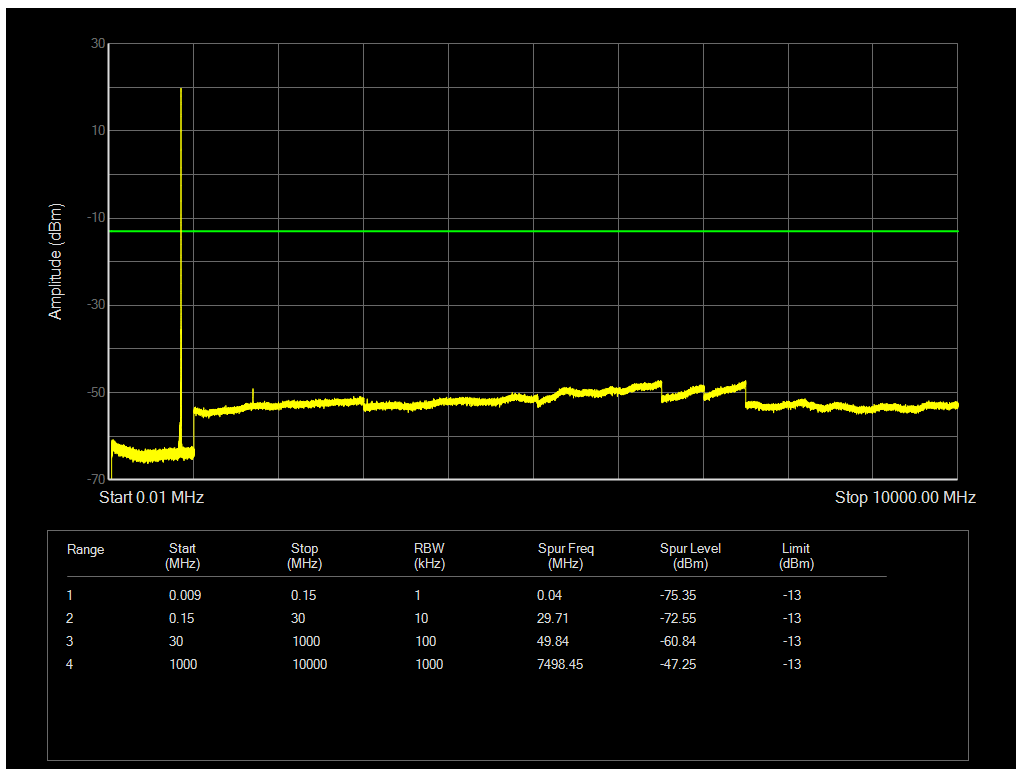
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



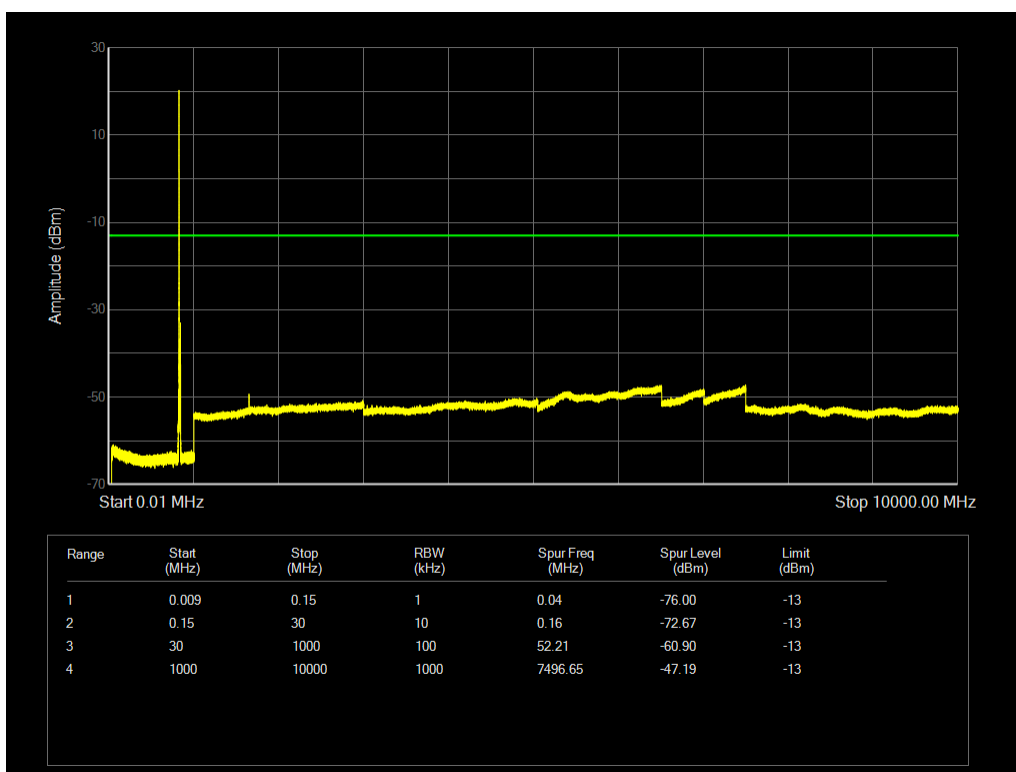
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



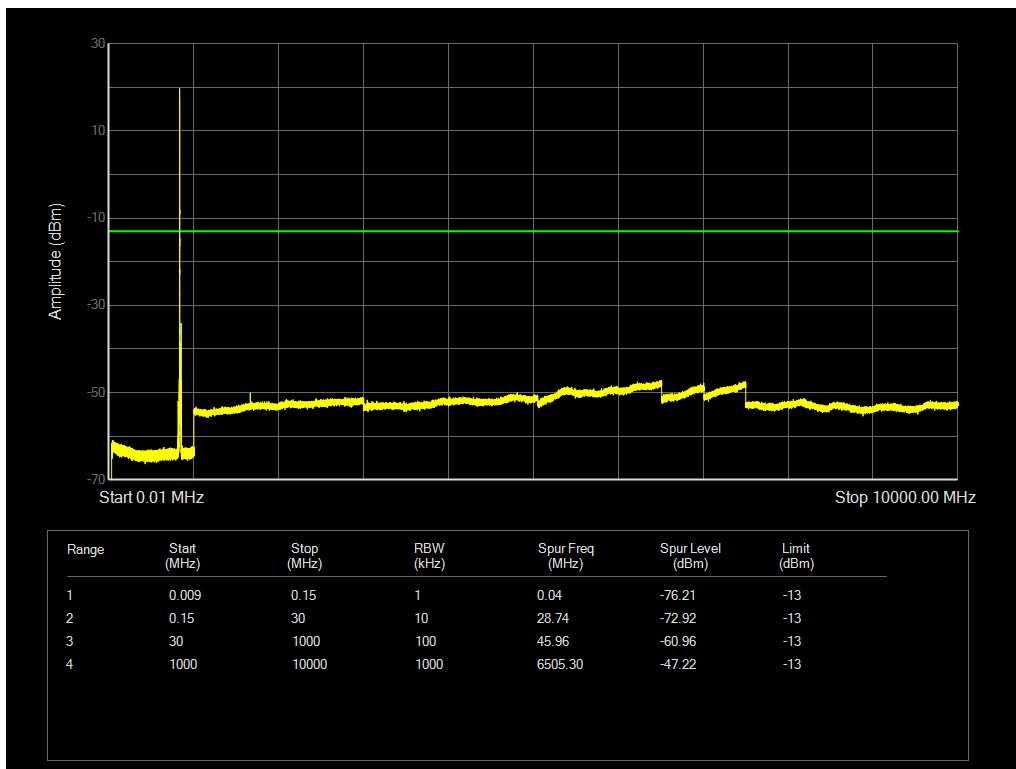
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



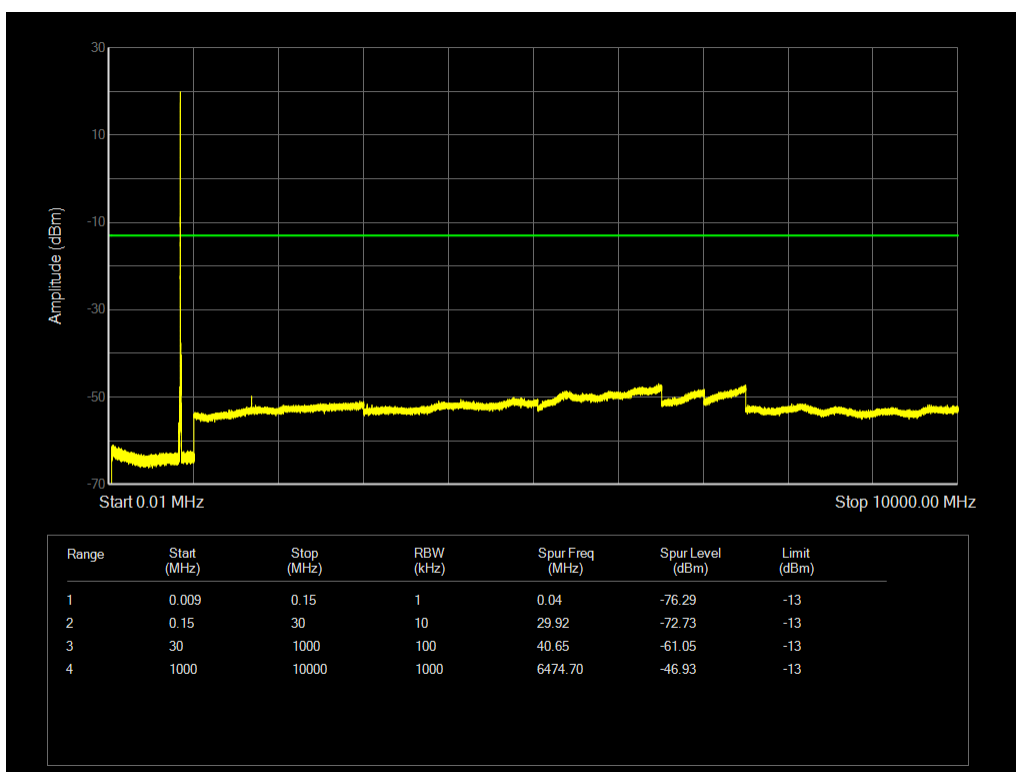
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



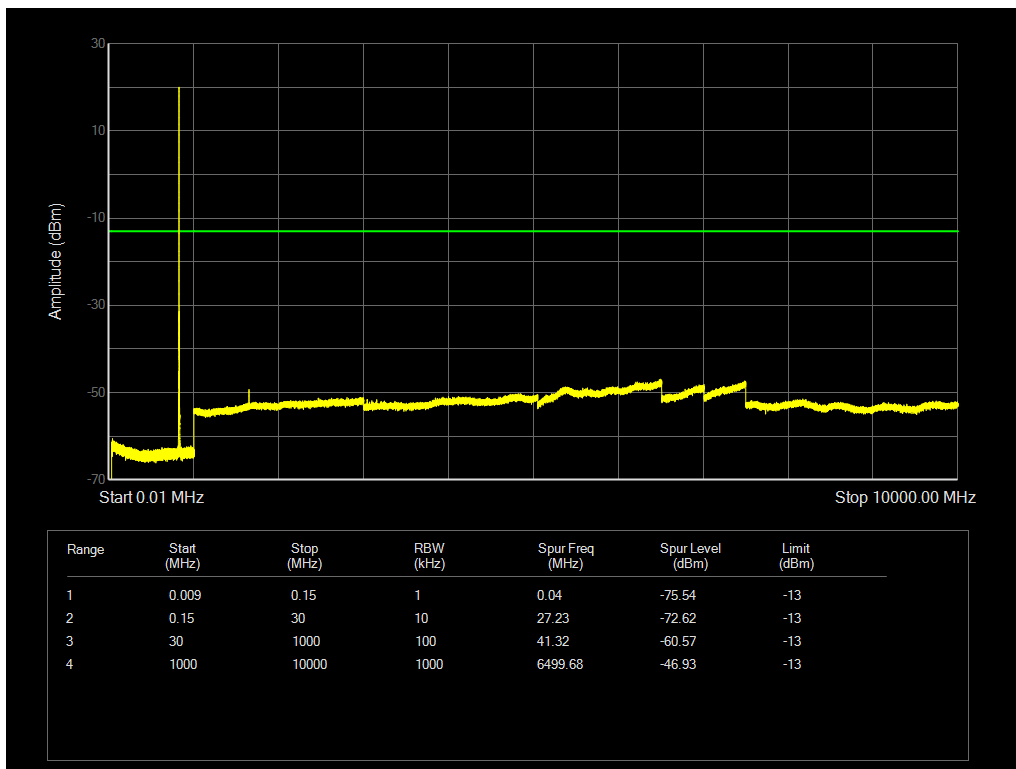
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



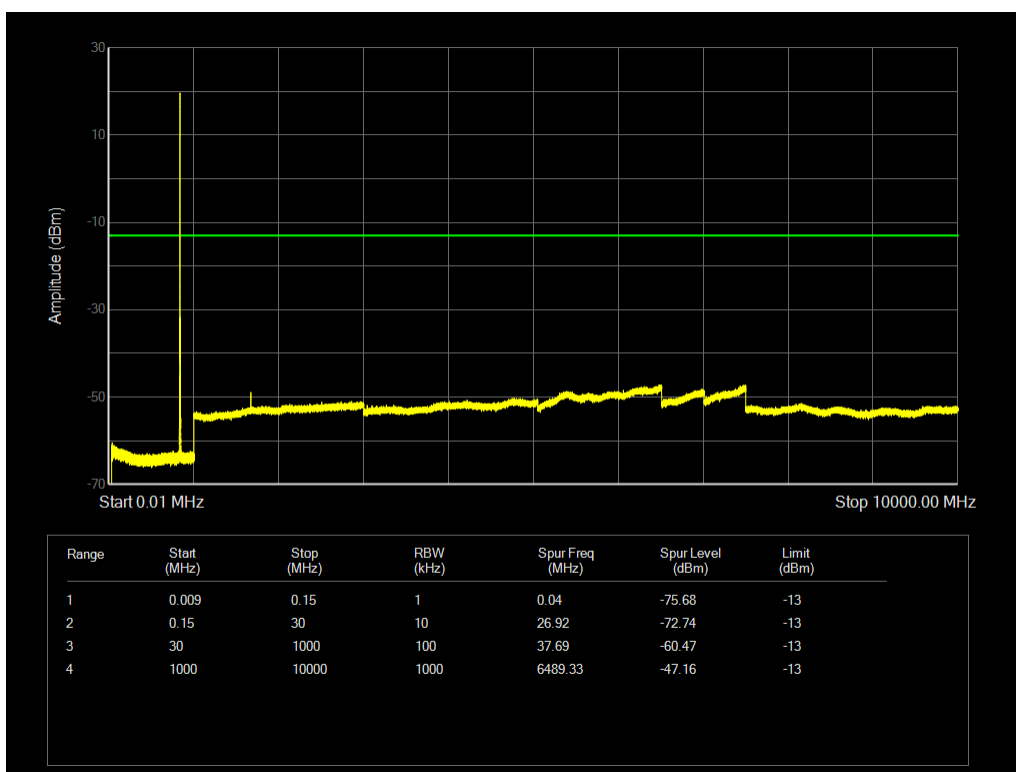
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



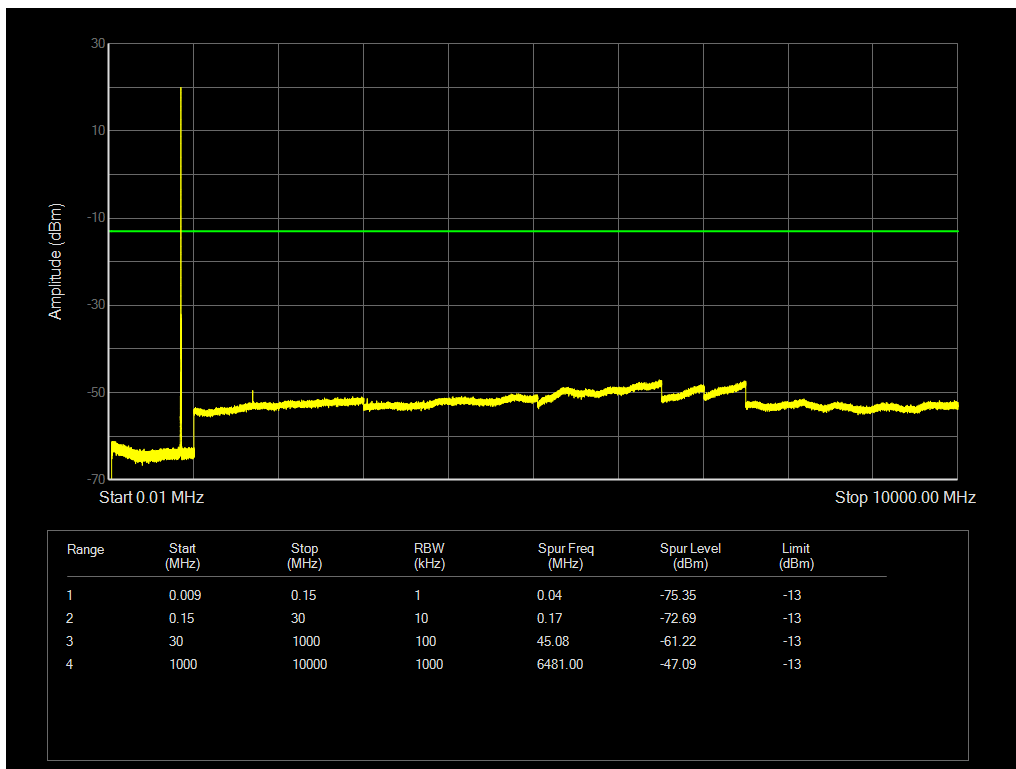
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



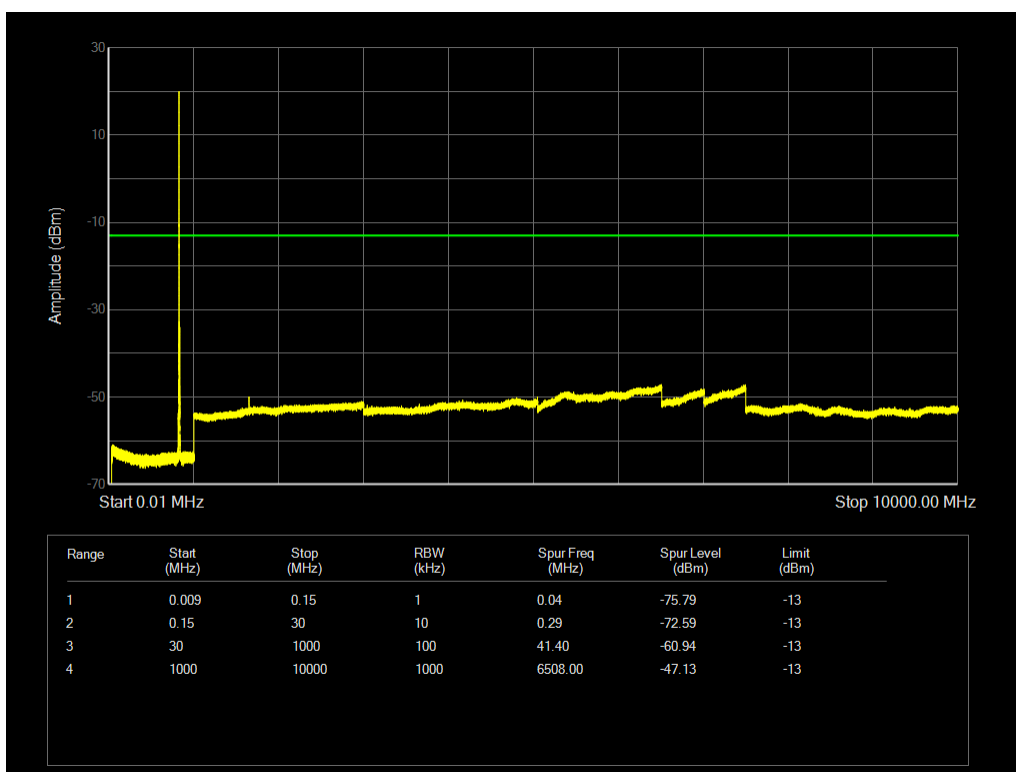
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



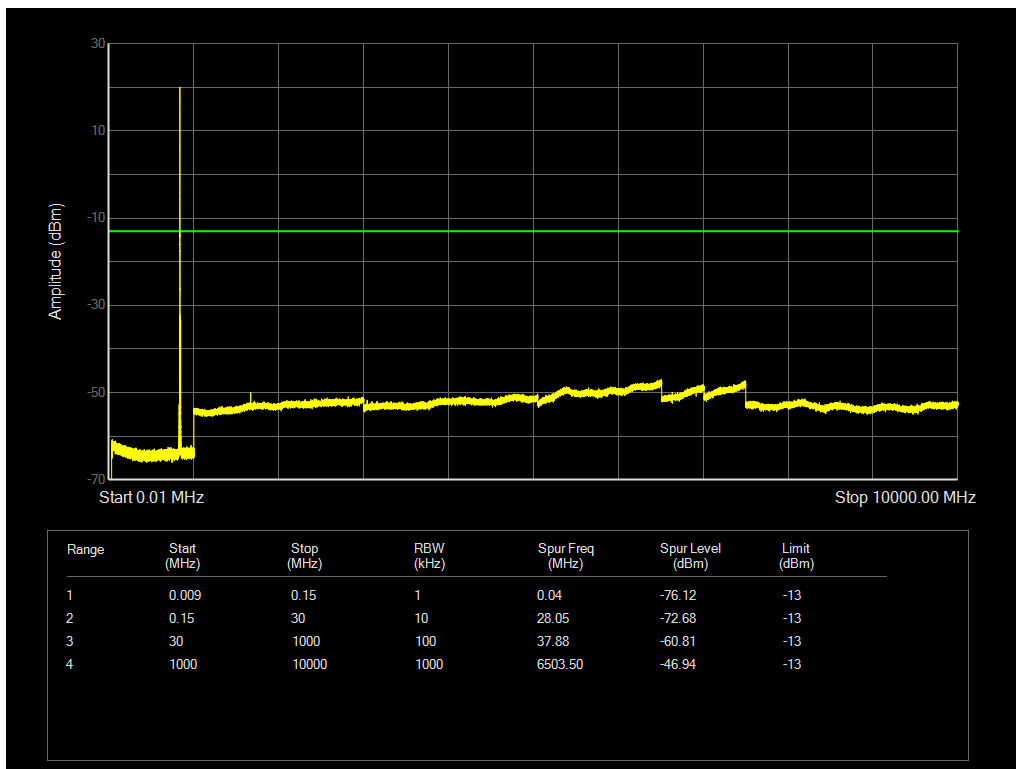
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



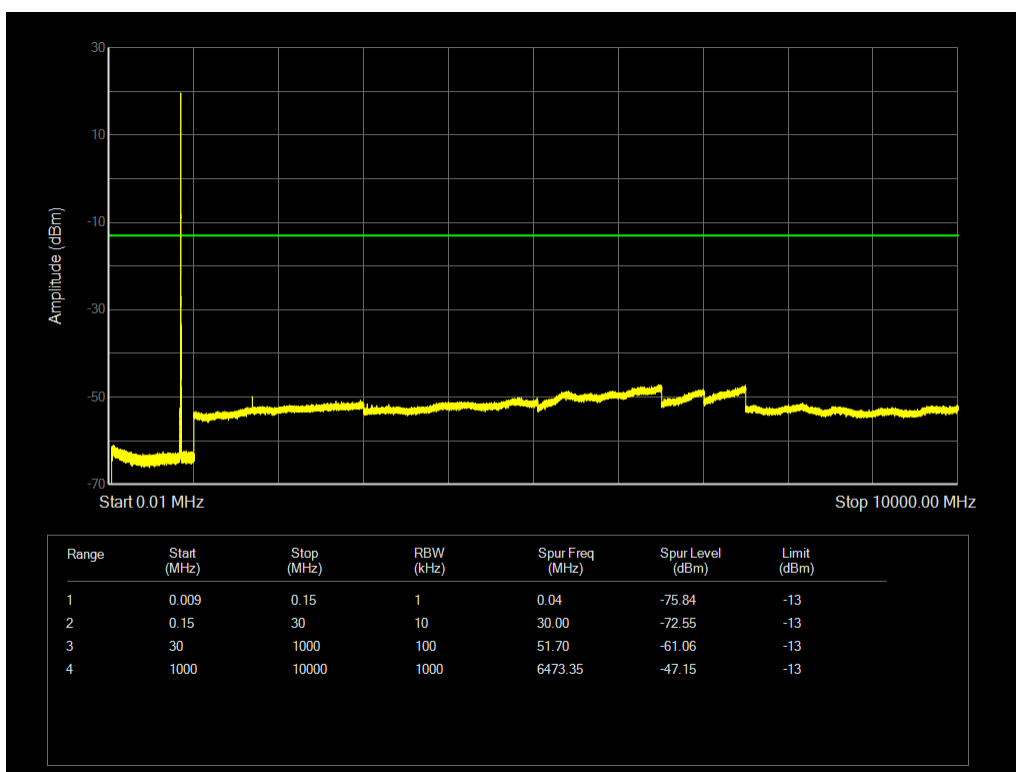
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



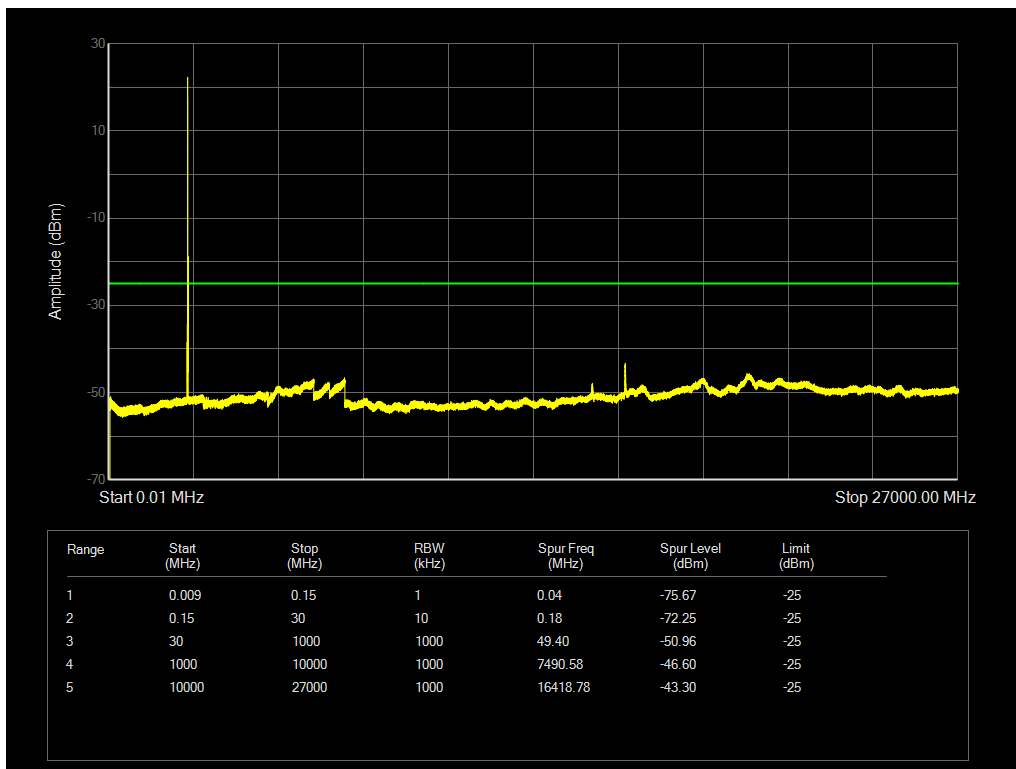
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



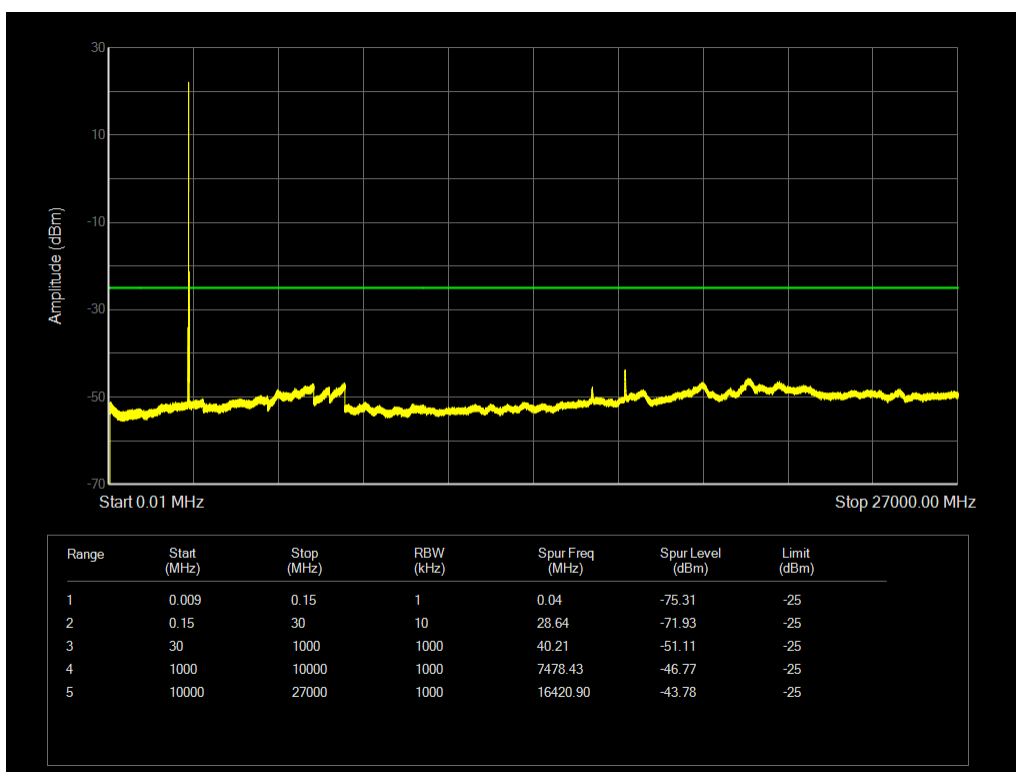
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



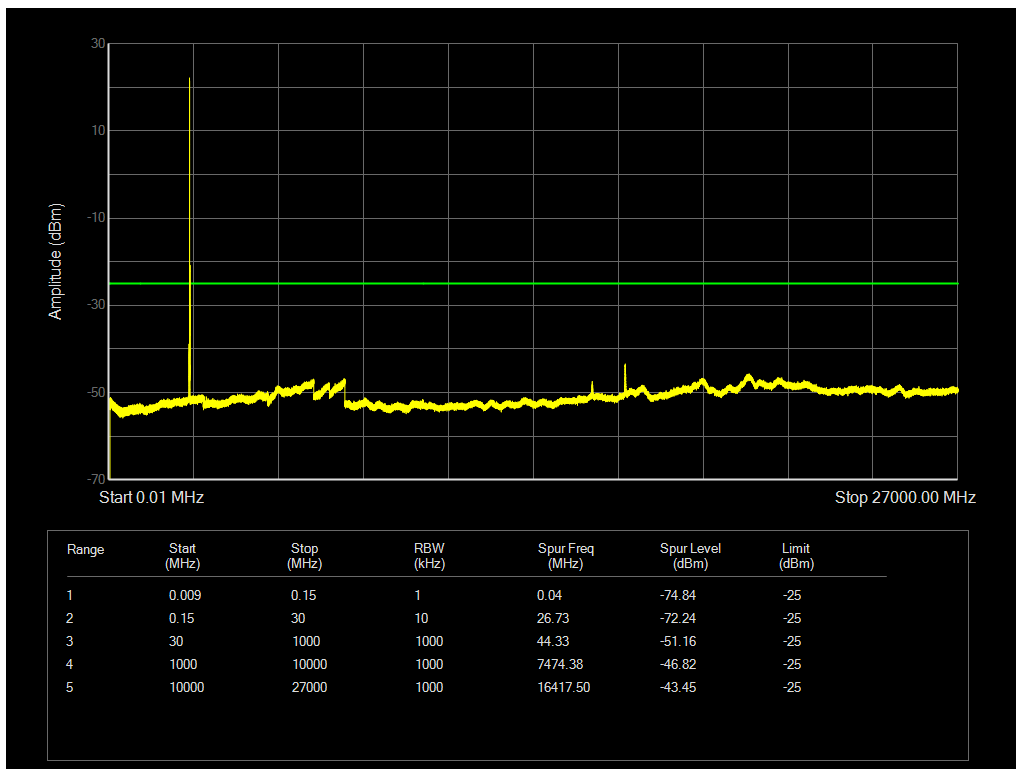
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



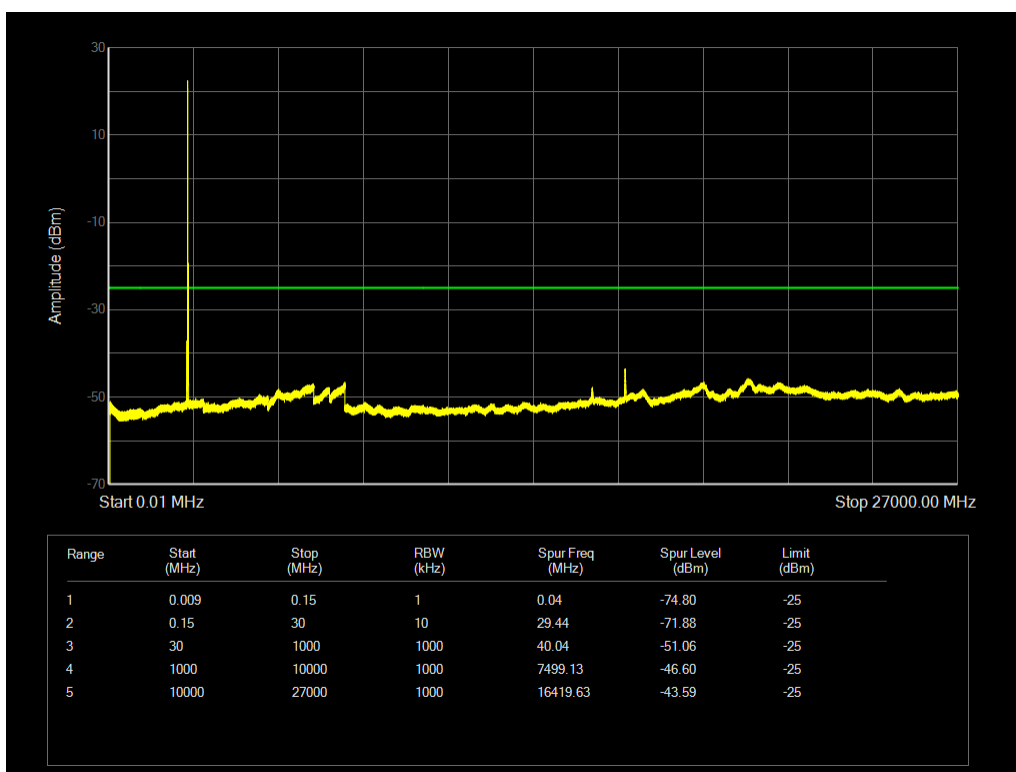
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



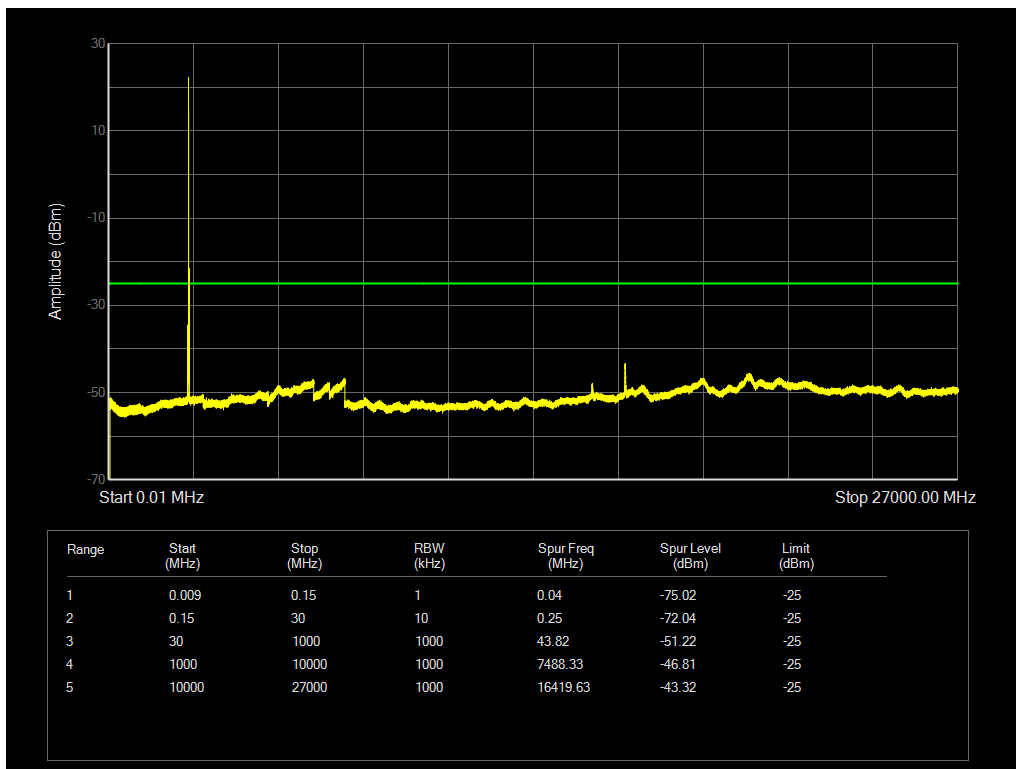
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



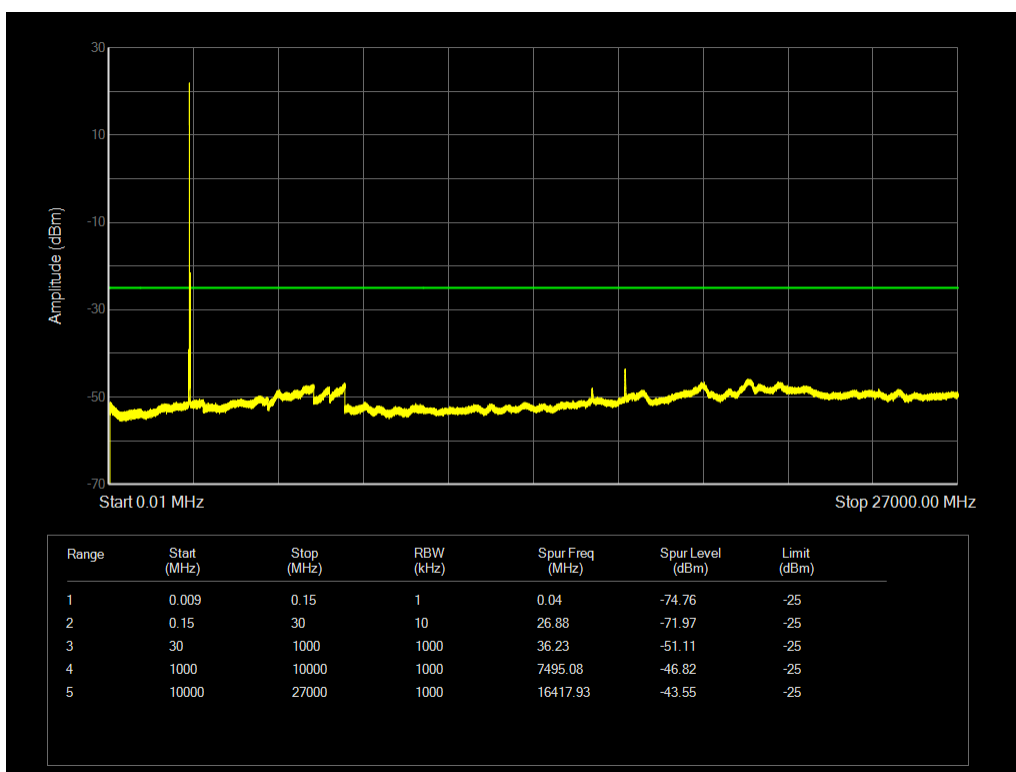
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



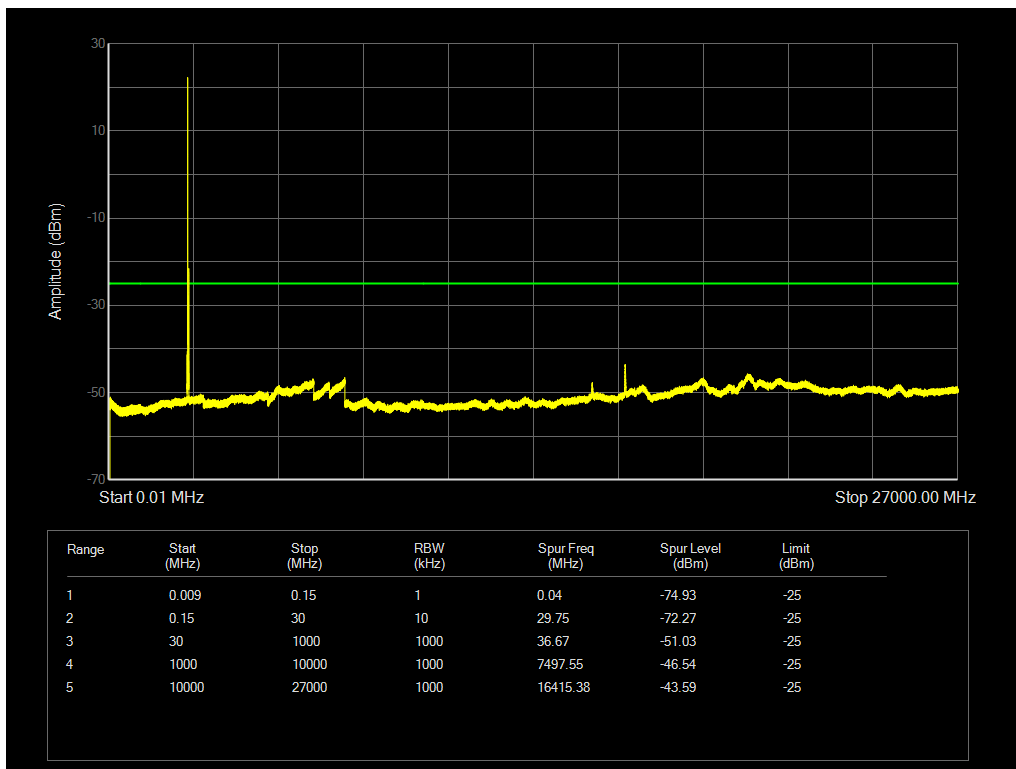
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



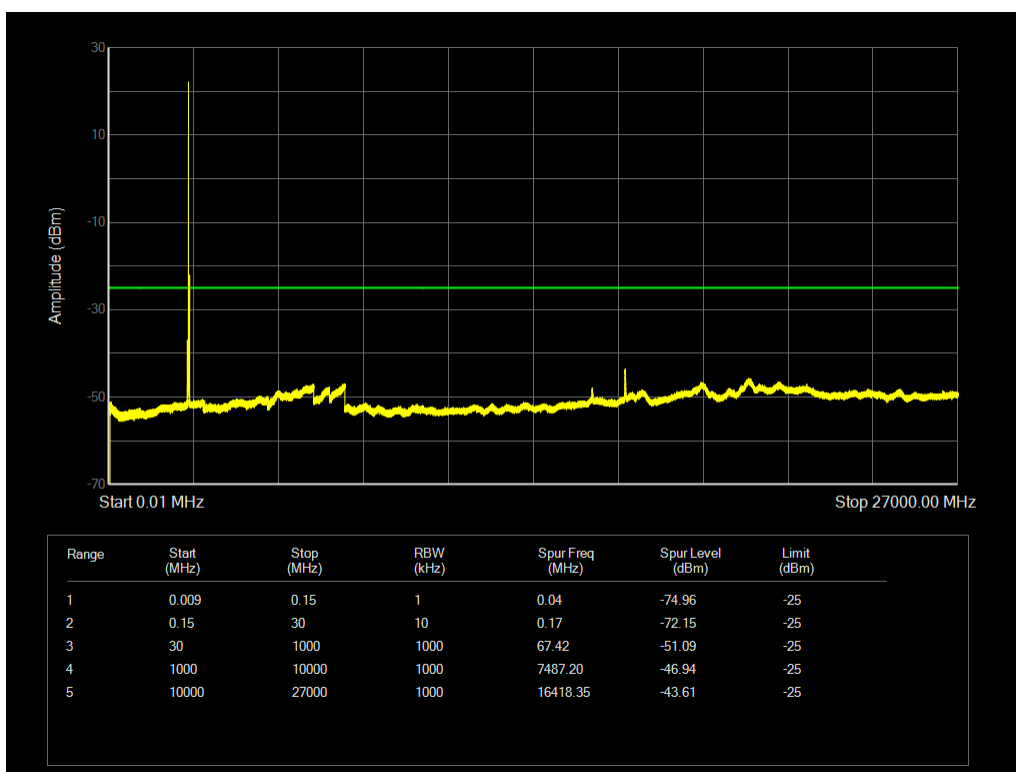
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



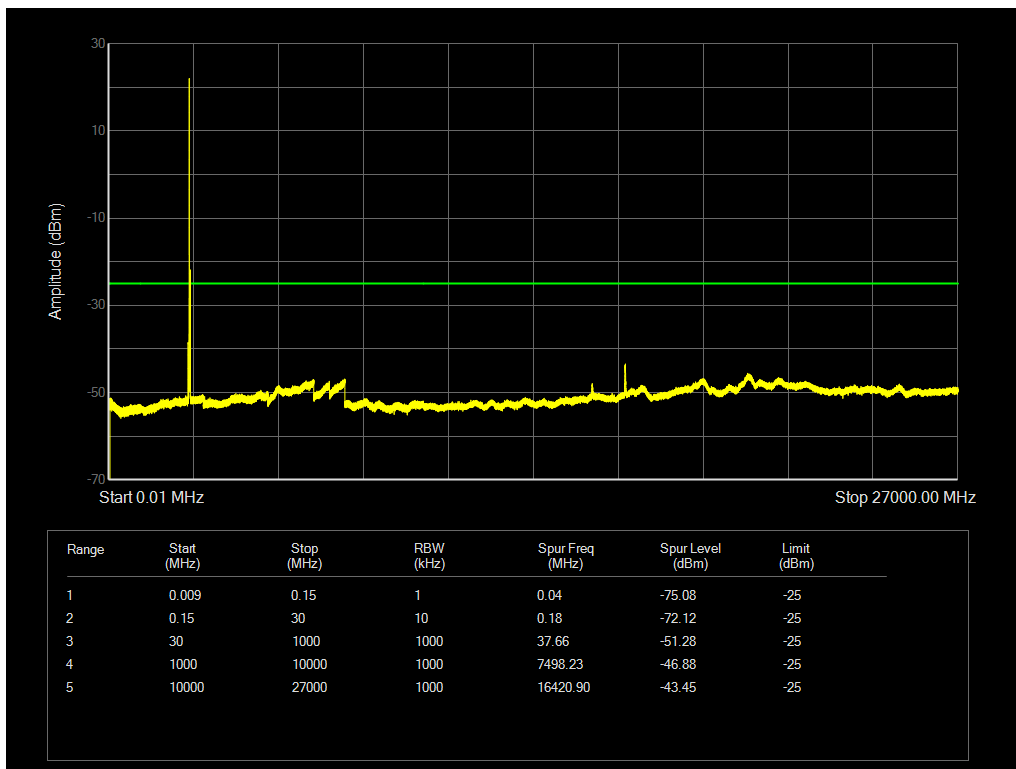
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



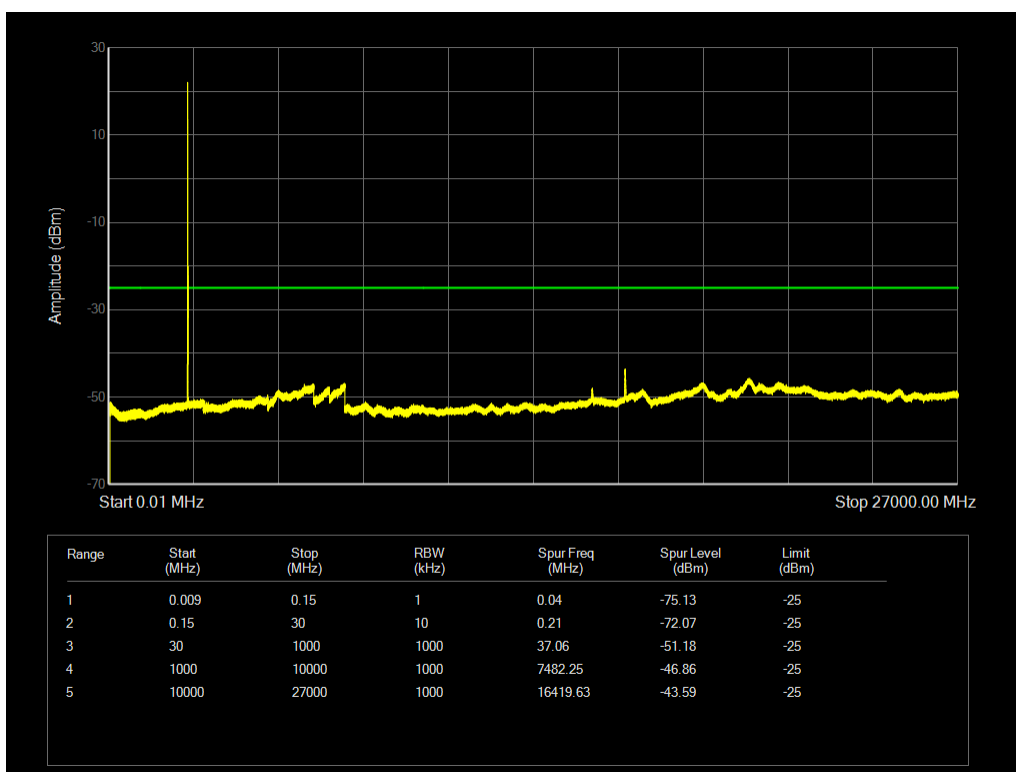
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



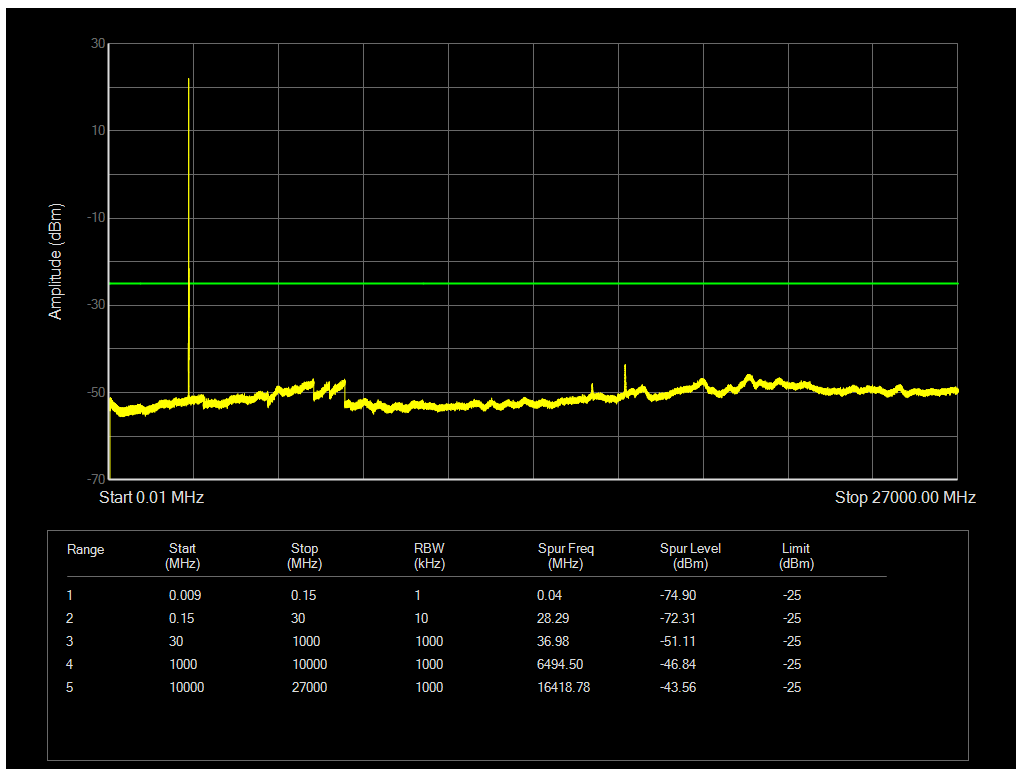
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



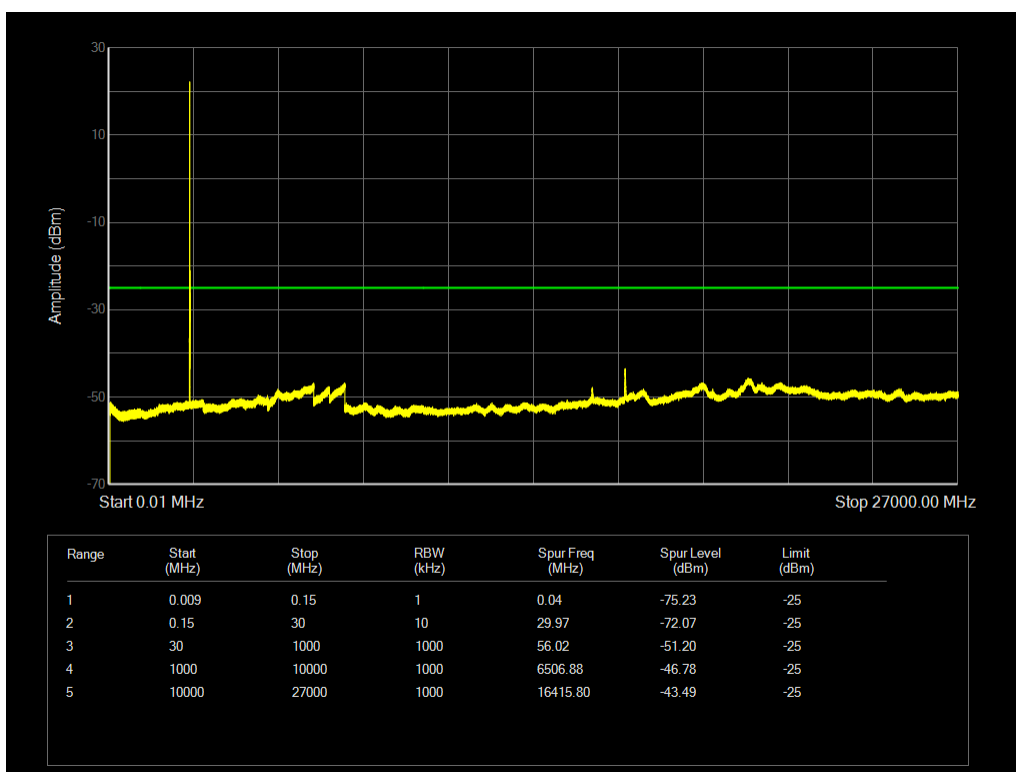
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



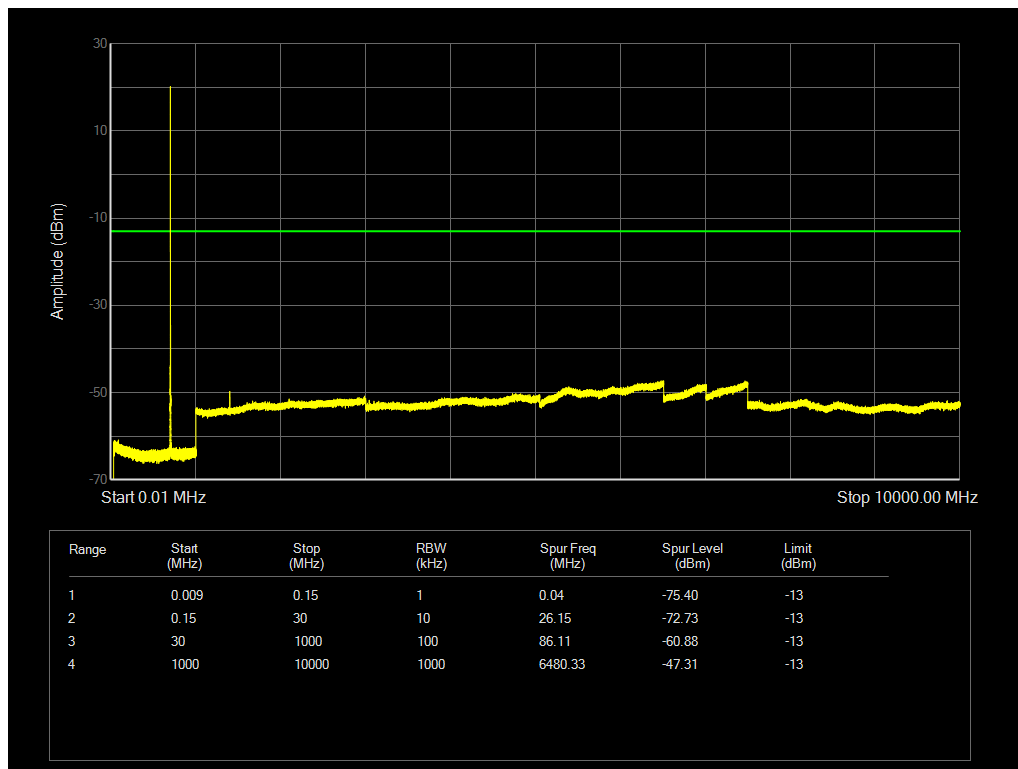
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



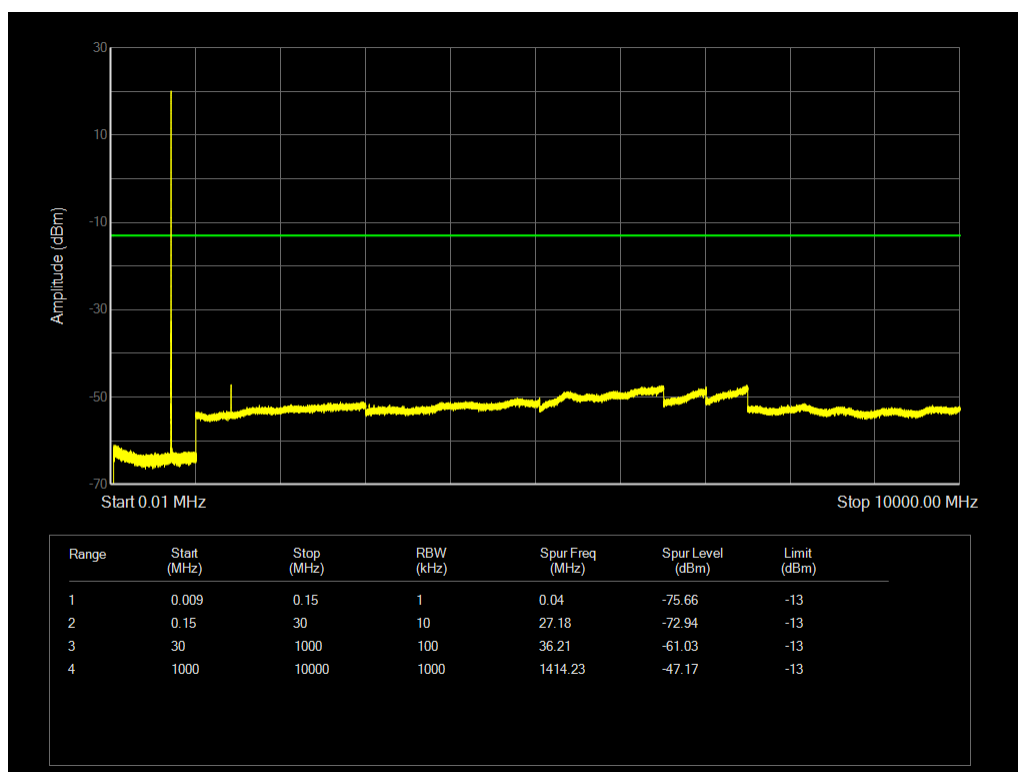
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0