

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2552.5	1	0	22.52	-0.17	22.35	<=33.01	Pass
			13	22.49	-0.17	22.32	<=33.01	Pass
			24	22.35	-0.17	22.18	<=33.01	Pass
		12	0	21.37	-0.17	21.20	<=33.01	Pass
			6	21.33	-0.17	21.16	<=33.01	Pass
			13	21.34	-0.17	21.17	<=33.01	Pass
		25	0	21.38	-0.17	21.21	<=33.01	Pass
	2600	1	0	22.70	-0.17	22.53	<=33.01	Pass
			13	22.73	-0.17	22.56	<=33.01	Pass
			24	22.56	-0.17	22.39	<=33.01	Pass
		12	0	21.70	-0.17	21.53	<=33.01	Pass
			6	21.74	-0.17	21.57	<=33.01	Pass
			13	21.69	-0.17	21.52	<=33.01	Pass
		25	0	21.78	-0.17	21.61	<=33.01	Pass
	2647.5	1	0	23.15	-0.17	22.98	<=33.01	Pass
			13	23.33	-0.17	23.16	<=33.01	Pass
			24	23.31	-0.17	23.14	<=33.01	Pass
		12	0	22.29	-0.17	22.12	<=33.01	Pass
			6	22.33	-0.17	22.16	<=33.01	Pass
			13	22.26	-0.17	22.09	<=33.01	Pass
		25	0	22.40	-0.17	22.23	<=33.01	Pass
16QAM	2552.5	1	0	21.24	-0.17	21.07	<=33.01	Pass
			13	21.43	-0.17	21.26	<=33.01	Pass
			24	21.31	-0.17	21.14	<=33.01	Pass
		12	0	20.32	-0.17	20.15	<=33.01	Pass
			6	20.34	-0.17	20.17	<=33.01	Pass
			13	20.36	-0.17	20.19	<=33.01	Pass
		25	0	20.42	-0.17	20.25	<=33.01	Pass
	2600	1	0	21.82	-0.17	21.65	<=33.01	Pass
			13	21.75	-0.17	21.58	<=33.01	Pass
			24	21.87	-0.17	21.70	<=33.01	Pass
		12	0	20.72	-0.17	20.55	<=33.01	Pass
			6	20.79	-0.17	20.62	<=33.01	Pass
			13	20.72	-0.17	20.55	<=33.01	Pass
		25	0	21.18	-0.17	21.01	<=33.01	Pass
	2647.5	1	0	22.37	-0.17	22.20	<=33.01	Pass
			13	22.11	-0.17	21.94	<=33.01	Pass
			24	22.50	-0.17	22.33	<=33.01	Pass
		12	0	21.29	-0.17	21.12	<=33.01	Pass
			6	21.32	-0.17	21.15	<=33.01	Pass
			13	21.25	-0.17	21.08	<=33.01	Pass
		25	0	21.34	-0.17	21.17	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2555	1	0	22.38	-0.17	22.21	<=33.01	Pass
			25	22.72	-0.17	22.55	<=33.01	Pass
			49	22.51	-0.17	22.34	<=33.01	Pass
		25	0	21.48	-0.17	21.31	<=33.01	Pass
			13	21.51	-0.17	21.34	<=33.01	Pass
			25	21.54	-0.17	21.37	<=33.01	Pass
		50	0	21.47	-0.17	21.30	<=33.01	Pass
	2600	1	0	22.74	-0.17	22.57	<=33.01	Pass
			25	23.06	-0.17	22.89	<=33.01	Pass
			49	22.76	-0.17	22.59	<=33.01	Pass
		25	0	21.86	-0.17	21.69	<=33.01	Pass
			13	21.86	-0.17	21.69	<=33.01	Pass
			25	21.79	-0.17	21.62	<=33.01	Pass
		50	0	21.76	-0.17	21.59	<=33.01	Pass
	2645	1	0	23.28	-0.17	23.11	<=33.01	Pass
			25	23.60	-0.17	23.43	<=33.01	Pass
			49	23.38	-0.17	23.21	<=33.01	Pass
		25	0	22.49	-0.17	22.32	<=33.01	Pass
			13	22.43	-0.17	22.26	<=33.01	Pass
			25	22.35	-0.17	22.18	<=33.01	Pass
		50	0	22.41	-0.17	22.24	<=33.01	Pass
16QAM	2555	1	0	21.33	-0.17	21.16	<=33.01	Pass
			25	21.81	-0.17	21.64	<=33.01	Pass
			49	21.20	-0.17	21.03	<=33.01	Pass
		25	0	20.50	-0.17	20.33	<=33.01	Pass
			13	20.59	-0.17	20.42	<=33.01	Pass
			25	20.47	-0.17	20.30	<=33.01	Pass
		50	0	20.44	-0.17	20.27	<=33.01	Pass
	2600	1	0	21.55	-0.17	21.38	<=33.01	Pass
			25	21.87	-0.17	21.70	<=33.01	Pass
			49	21.57	-0.17	21.40	<=33.01	Pass
		25	0	20.82	-0.17	20.65	<=33.01	Pass
			13	20.86	-0.17	20.69	<=33.01	Pass
			25	20.77	-0.17	20.60	<=33.01	Pass
		50	0	20.72	-0.17	20.55	<=33.01	Pass
	2645	1	0	22.37	-0.17	22.20	<=33.01	Pass
			25	22.62	-0.17	22.45	<=33.01	Pass
			49	22.44	-0.17	22.27	<=33.01	Pass
		25	0	21.33	-0.17	21.16	<=33.01	Pass
			13	21.45	-0.17	21.28	<=33.01	Pass
			25	21.34	-0.17	21.17	<=33.01	Pass
		50	0	21.38	-0.17	21.21	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2557.5	1	0	22.18	-0.17	22.01	<=33.01	Pass
			38	22.47	-0.17	22.30	<=33.01	Pass
			74	22.29	-0.17	22.12	<=33.01	Pass
		36	0	21.52	-0.17	21.35	<=33.01	Pass
			18	21.52	-0.17	21.35	<=33.01	Pass
			39	21.46	-0.17	21.29	<=33.01	Pass
		75	0	21.54	-0.17	21.37	<=33.01	Pass
	2600	1	0	22.64	-0.17	22.47	<=33.01	Pass
			38	22.79	-0.17	22.62	<=33.01	Pass
			74	22.58	-0.17	22.41	<=33.01	Pass
		36	0	21.79	-0.17	21.62	<=33.01	Pass
			18	21.85	-0.17	21.68	<=33.01	Pass
			39	21.69	-0.17	21.52	<=33.01	Pass
		75	0	21.82	-0.17	21.65	<=33.01	Pass
	2642.5	1	0	23.08	-0.17	22.91	<=33.01	Pass
			38	23.39	-0.17	23.22	<=33.01	Pass
			74	23.22	-0.17	23.05	<=33.01	Pass
		36	0	22.35	-0.17	22.18	<=33.01	Pass
			18	22.38	-0.17	22.21	<=33.01	Pass
			39	22.36	-0.17	22.19	<=33.01	Pass
		75	0	22.39	-0.17	22.22	<=33.01	Pass
16QAM	2557.5	1	0	20.93	-0.17	20.76	<=33.01	Pass
			38	21.51	-0.17	21.34	<=33.01	Pass
			74	21.35	-0.17	21.18	<=33.01	Pass
		36	0	20.43	-0.17	20.26	<=33.01	Pass
			18	20.56	-0.17	20.39	<=33.01	Pass
			39	20.62	-0.17	20.45	<=33.01	Pass
		75	0	20.47	-0.17	20.30	<=33.01	Pass
	2600	1	0	21.47	-0.17	21.30	<=33.01	Pass
			38	21.63	-0.17	21.46	<=33.01	Pass
			74	21.30	-0.17	21.13	<=33.01	Pass
		36	0	20.65	-0.17	20.48	<=33.01	Pass
			18	20.84	-0.17	20.67	<=33.01	Pass
			39	20.71	-0.17	20.54	<=33.01	Pass
		75	0	20.69	-0.17	20.52	<=33.01	Pass
	2642.5	1	0	22.17	-0.17	22.00	<=33.01	Pass
			38	22.44	-0.17	22.27	<=33.01	Pass
			74	22.13	-0.17	21.96	<=33.01	Pass
		36	0	21.36	-0.17	21.19	<=33.01	Pass
			18	21.37	-0.17	21.20	<=33.01	Pass
			39	21.30	-0.17	21.13	<=33.01	Pass
		75	0	21.32	-0.17	21.15	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2560	1	0	22.14	-0.17	21.97	<=33.01	Pass
			50	22.62	-0.17	22.45	<=33.01	Pass

		50	99	22.23	-0.17	22.06	<=33.01	Pass	
			0	21.47	-0.17	21.30	<=33.01	Pass	
			25	21.47	-0.17	21.30	<=33.01	Pass	
			50	21.58	-0.17	21.41	<=33.01	Pass	
		100	0	21.47	-0.17	21.30	<=33.01	Pass	
	2600	1	0	22.34	-0.17	22.17	<=33.01	Pass	
			50	22.96	-0.17	22.79	<=33.01	Pass	
			99	22.35	-0.17	22.18	<=33.01	Pass	
		50	0	21.78	-0.17	21.61	<=33.01	Pass	
			25	21.75	-0.17	21.58	<=33.01	Pass	
			50	21.66	-0.17	21.49	<=33.01	Pass	
		100	0	21.71	-0.17	21.54	<=33.01	Pass	
		2640	1	0	22.81	-0.17	22.64	<=33.01	Pass
				50	23.35	-0.17	23.18	<=33.01	Pass
	99			23.07	-0.17	22.90	<=33.01	Pass	
	50		0	22.26	-0.17	22.09	<=33.01	Pass	
			25	22.26	-0.17	22.09	<=33.01	Pass	
			50	22.19	-0.17	22.02	<=33.01	Pass	
	100		0	22.26	-0.17	22.09	<=33.01	Pass	
	16QAM	2560	1	0	21.06	-0.17	20.89	<=33.01	Pass
				50	21.23	-0.17	21.06	<=33.01	Pass
				99	20.83	-0.17	20.66	<=33.01	Pass
			50	0	20.39	-0.17	20.22	<=33.01	Pass
				25	20.57	-0.17	20.40	<=33.01	Pass
50				20.52	-0.17	20.35	<=33.01	Pass	
100			0	20.43	-0.17	20.26	<=33.01	Pass	
2600		1	0	21.15	-0.17	20.98	<=33.01	Pass	
			50	21.60	-0.17	21.43	<=33.01	Pass	
			99	21.09	-0.17	20.92	<=33.01	Pass	
		50	0	20.80	-0.17	20.63	<=33.01	Pass	
			25	20.79	-0.17	20.62	<=33.01	Pass	
			50	20.62	-0.17	20.45	<=33.01	Pass	
		100	0	20.63	-0.17	20.46	<=33.01	Pass	
2640		1	0	21.74	-0.17	21.57	<=33.01	Pass	
			50	22.40	-0.17	22.23	<=33.01	Pass	
			99	22.01	-0.17	21.84	<=33.01	Pass	
		50	0	21.28	-0.17	21.11	<=33.01	Pass	
			25	21.30	-0.17	21.13	<=33.01	Pass	
			50	21.11	-0.17	20.94	<=33.01	Pass	
		100	0	21.25	-0.17	21.08	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2552.5	25	0	20	3.27	4.892	0.0019	-2.5 to 2.5	Pass
					3.85	24.962	0.0098	-2.5 to 2.5	Pass
					4.43	29.597	0.0116	-2.5 to 2.5	Pass

				-30	3.85	-272.412	-0.1067	-2.5 to 2.5	Pass	
				-20	3.85	-746.312	-0.2924	-2.5 to 2.5	Pass	
				-10	3.85	-709.934	-0.2781	-2.5 to 2.5	Pass	
				0	3.85	-669.694	-0.2624	-2.5 to 2.5	Pass	
				10	3.85	-639.668	-0.2506	-2.5 to 2.5	Pass	
				30	3.85	-627.594	-0.2459	-2.5 to 2.5	Pass	
				40	3.85	-619.769	-0.2428	-2.5 to 2.5	Pass	
				50	3.85	-621.886	-0.2436	-2.5 to 2.5	Pass	
	2600	25	0	20	3.27	-36.163	-0.0139	-2.5 to 2.5	Pass	
					3.85	-42.286	-0.0163	-2.5 to 2.5	Pass	
					4.43	-58.994	-0.0227	-2.5 to 2.5	Pass	
				-30	3.85	768.428	0.2955	-2.5 to 2.5	Pass	
				-20	3.85	760.489	0.2925	-2.5 to 2.5	Pass	
				-10	3.85	744.009	0.2862	-2.5 to 2.5	Pass	
				0	3.85	743.265	0.2859	-2.5 to 2.5	Pass	
				10	3.85	746.183	0.2870	-2.5 to 2.5	Pass	
				30	3.85	869.694	0.3345	-2.5 to 2.5	Pass	
				40	3.85	883.083	0.3396	-2.5 to 2.5	Pass	
	50	3.85	888.691	0.3418	-2.5 to 2.5	Pass				
	2647.5	25	0	20	3.27	-5.980	-0.0023	-2.5 to 2.5	Pass	
					3.85	19.040	0.0072	-2.5 to 2.5	Pass	
					4.43	57.321	0.0217	-2.5 to 2.5	Pass	
				-30	3.85	128.488	0.0485	-2.5 to 2.5	Pass	
				-20	3.85	187.655	0.0709	-2.5 to 2.5	Pass	
				-10	3.85	174.294	0.0658	-2.5 to 2.5	Pass	
				0	3.85	155.382	0.0587	-2.5 to 2.5	Pass	
				10	3.85	129.619	0.0490	-2.5 to 2.5	Pass	
				30	3.85	125.842	0.0475	-2.5 to 2.5	Pass	
				40	3.85	100.679	0.0380	-2.5 to 2.5	Pass	
	50	3.85	86.231	0.0326	-2.5 to 2.5	Pass				
	16QAM	2552.5	25	0	20	3.27	-634.532	-0.2486	-2.5 to 2.5	Pass
						3.85	-639.052	-0.2504	-2.5 to 2.5	Pass
						4.43	-648.909	-0.2542	-2.5 to 2.5	Pass
-30					3.85	-645.375	-0.2528	-2.5 to 2.5	Pass	
-20					3.85	-664.601	-0.2604	-2.5 to 2.5	Pass	
-10					3.85	-672.584	-0.2635	-2.5 to 2.5	Pass	
0					3.85	-678.506	-0.2658	-2.5 to 2.5	Pass	
10					3.85	-681.467	-0.2670	-2.5 to 2.5	Pass	
30					3.85	-696.931	-0.2730	-2.5 to 2.5	Pass	
40					3.85	-701.566	-0.2749	-2.5 to 2.5	Pass	
50		3.85	-704.355	-0.2759	-2.5 to 2.5	Pass				
2600		25	0	20	3.27	897.617	0.3452	-2.5 to 2.5	Pass	
					3.85	895.472	0.3444	-2.5 to 2.5	Pass	
					4.43	898.290	0.3455	-2.5 to 2.5	Pass	
				-30	3.85	884.857	0.3403	-2.5 to 2.5	Pass	
				-20	3.85	875.888	0.3369	-2.5 to 2.5	Pass	
				-10	3.85	878.363	0.3378	-2.5 to 2.5	Pass	
				0	3.85	870.667	0.3349	-2.5 to 2.5	Pass	
				10	3.85	855.317	0.3290	-2.5 to 2.5	Pass	
				30	3.85	849.524	0.3267	-2.5 to 2.5	Pass	
				40	3.85	836.663	0.3218	-2.5 to 2.5	Pass	
50		3.85	843.658	0.3245	-2.5 to 2.5	Pass				
2647.5		25	0	20	3.27	62.928	0.0238	-2.5 to 2.5	Pass	
					3.85	55.532	0.0210	-2.5 to 2.5	Pass	
					4.43	44.947	0.0170	-2.5 to 2.5	Pass	
				-30	3.85	39.139	0.0148	-2.5 to 2.5	Pass	
				-20	3.85	34.747	0.0131	-2.5 to 2.5	Pass	

				-10	3.85	15.292	0.0058	-2.5 to 2.5	Pass
				0	3.85	24.719	0.0093	-2.5 to 2.5	Pass
				10	3.85	21.544	0.0081	-2.5 to 2.5	Pass
				30	3.85	19.012	0.0072	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.223	-0.0024	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2555	50	0	20	3.27	-4.520	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
					4.43	3.190	0.0012	-2.5 to 2.5	Pass
				-30	3.85	4.706	0.0018	-2.5 to 2.5	Pass
				-20	3.85	6.452	0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
				30	3.85	2.861	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.764	-0.0019	-2.5 to 2.5	Pass
	2600	50	0	20	3.27	-9.284	-0.0036	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0015	-2.5 to 2.5	Pass
					4.43	0.501	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-10.972	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-13.676	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-14.520	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-7.868	-0.0030	-2.5 to 2.5	Pass
				40	3.85	2.174	0.0008	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0022	-2.5 to 2.5	Pass
	2645	50	0	20	3.27	-6.866	-0.0026	-2.5 to 2.5	Pass
					3.85	1.402	0.0005	-2.5 to 2.5	Pass
					4.43	4.549	0.0017	-2.5 to 2.5	Pass
				-30	3.85	5.493	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.450	0.0021	-2.5 to 2.5	Pass
				0	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				10	3.85	-11.201	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-10.443	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.153	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-9.556	-0.0036	-2.5 to 2.5	Pass
16QAM	2555	50	0	20	3.27	-1.101	-0.0004	-2.5 to 2.5	Pass
					3.85	4.249	0.0017	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.130	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0009	-2.5 to 2.5	Pass
				10	3.85	5.465	0.0021	-2.5 to 2.5	Pass

	2600	50	0	30	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				50	3.85	6.995	0.0027	-2.5 to 2.5	Pass
				20	3.27	-8.655	-0.0033	-2.5 to 2.5	Pass
					3.85	-12.789	-0.0049	-2.5 to 2.5	Pass
					4.43	-16.580	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-11.044	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-9.441	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-9.069	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-9.170	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-9.155	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0008	-2.5 to 2.5	Pass
	2645	50	0	20	3.27	-4.063	-0.0015	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0025	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-7.782	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	8.340	0.0032	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-8.297	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0017	-2.5 to 2.5	Pass
				50	3.85	4.520	0.0017	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2557.5	75	0	20	3.27	-3.333	-0.0013	-2.5 to 2.5	Pass
					3.85	0.973	0.0004	-2.5 to 2.5	Pass
					4.43	8.712	0.0034	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				0	3.85	4.020	0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
	2600	75	0	20	3.27	-6.852	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0041	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.735	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-10.943	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-10.915	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.080	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-13.618	-0.0052	-2.5 to 2.5	Pass
				50	3.85	5.422	0.0021	-2.5 to 2.5	Pass

	2642.5	75	0	20	3.27	-6.924	-0.0026	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
					4.43	-8.655	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	2.618	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.533	0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.762	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-16.837	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-9.384	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.396	-0.0028	-2.5 to 2.5	Pass
16QAM	2557.5	75	0	20	3.27	-2.646	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0004	-2.5 to 2.5	Pass
					4.43	9.670	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-10.428	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0034	-2.5 to 2.5	Pass
				10	3.85	2.975	0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.028	-0.0039	-2.5 to 2.5	Pass
	2600	75	0	20	3.27	-8.054	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.709	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-8.426	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-8.483	-0.0033	-2.5 to 2.5	Pass
	2642.5	75	0	20	3.27	-2.975	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.561	-0.0010	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.460	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.566	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0010	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0008	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0030	-2.5 to 2.5	Pass
				40	3.85	5.565	0.0021	-2.5 to 2.5	Pass
				50	3.85	6.895	0.0026	-2.5 to 2.5	Pass

2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2560	100	0	20	3.27	2.117	0.0008	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0008	-2.5 to 2.5	Pass
					4.43	10.428	0.0041	-2.5 to 2.5	Pass

16QAM				-30	3.85	0.844	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.502	0.0006	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-11.201	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0026	-2.5 to 2.5	Pass
	2600	100	0	20	3.27	-11.129	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.705	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-8.454	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-9.942	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	-12.589	-0.0048	-2.5 to 2.5	Pass
	2640	100	0	20	3.27	-1.431	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
					4.43	1.302	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0003	-2.5 to 2.5	Pass
				-20	3.85	5.021	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-7.739	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-10.085	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-12.689	-0.0048	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-6.652	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.729	-0.0042	-2.5 to 2.5	Pass
					4.43	-7.596	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.074	0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.510	-0.0029	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0004	-2.5 to 2.5	Pass
	2600	100	0	20	3.27	-8.383	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0023	-2.5 to 2.5	Pass
					4.43	-11.601	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-12.703	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.632	0.0010	-2.5 to 2.5	Pass
				0	3.85	-9.928	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass
	2640	100	0	20	3.27	-3.276	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	12.989	0.0049	-2.5 to 2.5	Pass
				-20	3.85	1.059	0.0004	-2.5 to 2.5	Pass

				-10	3.85	-5.450	-0.0021	-2.5 to 2.5	Pass
				0	3.85	3.490	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.246	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0003	-2.5 to 2.5	Pass
				40	3.85	-7.968	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0011	-2.5 to 2.5	Pass

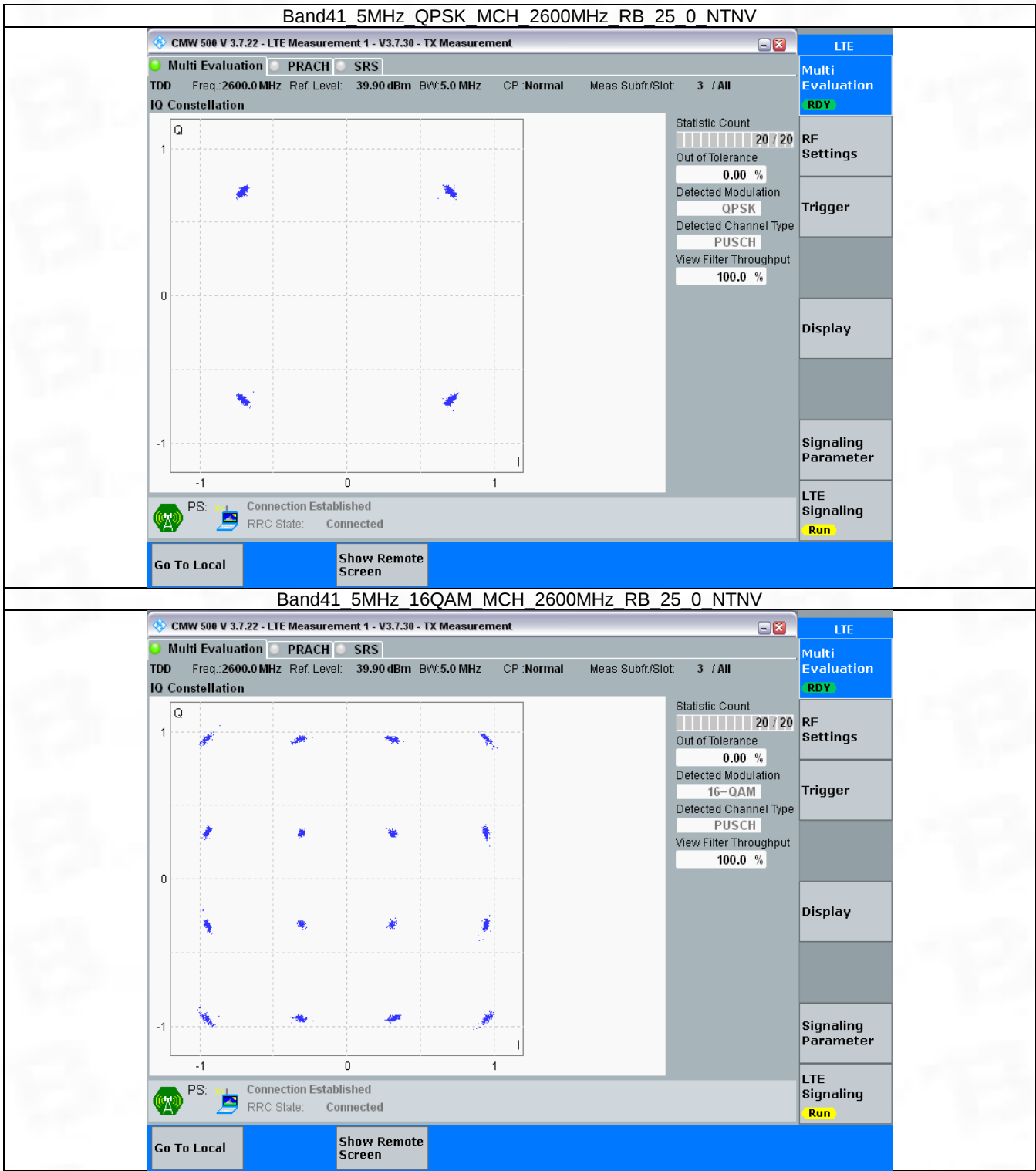
3. Modulation Characteristics

3.1 B41_5MHz

3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	25	0	Refer To Test Graph		Pass
16QAM	2600	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

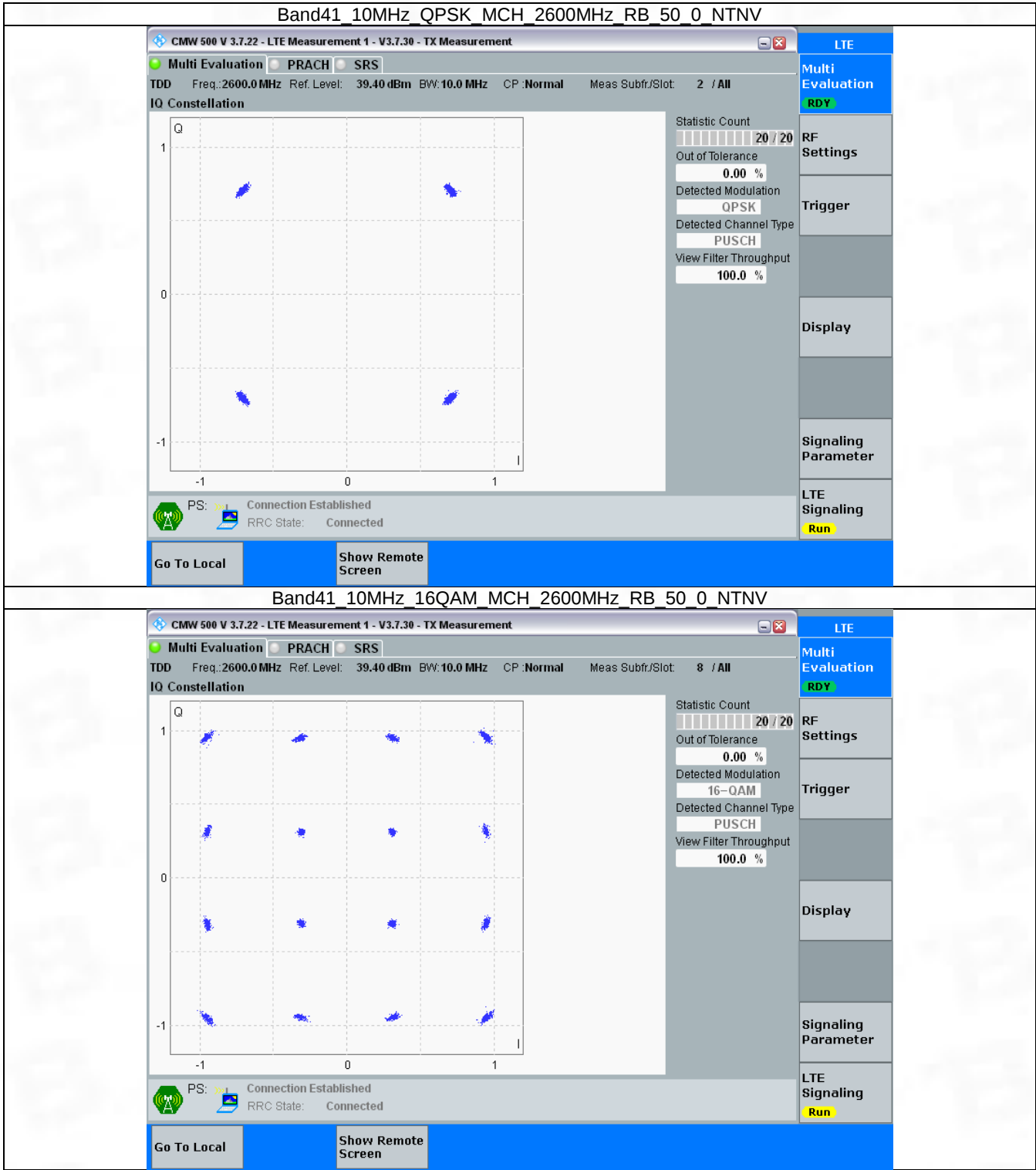


3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	50	0	Refer To Test Graph		Pass
16QAM	2600	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

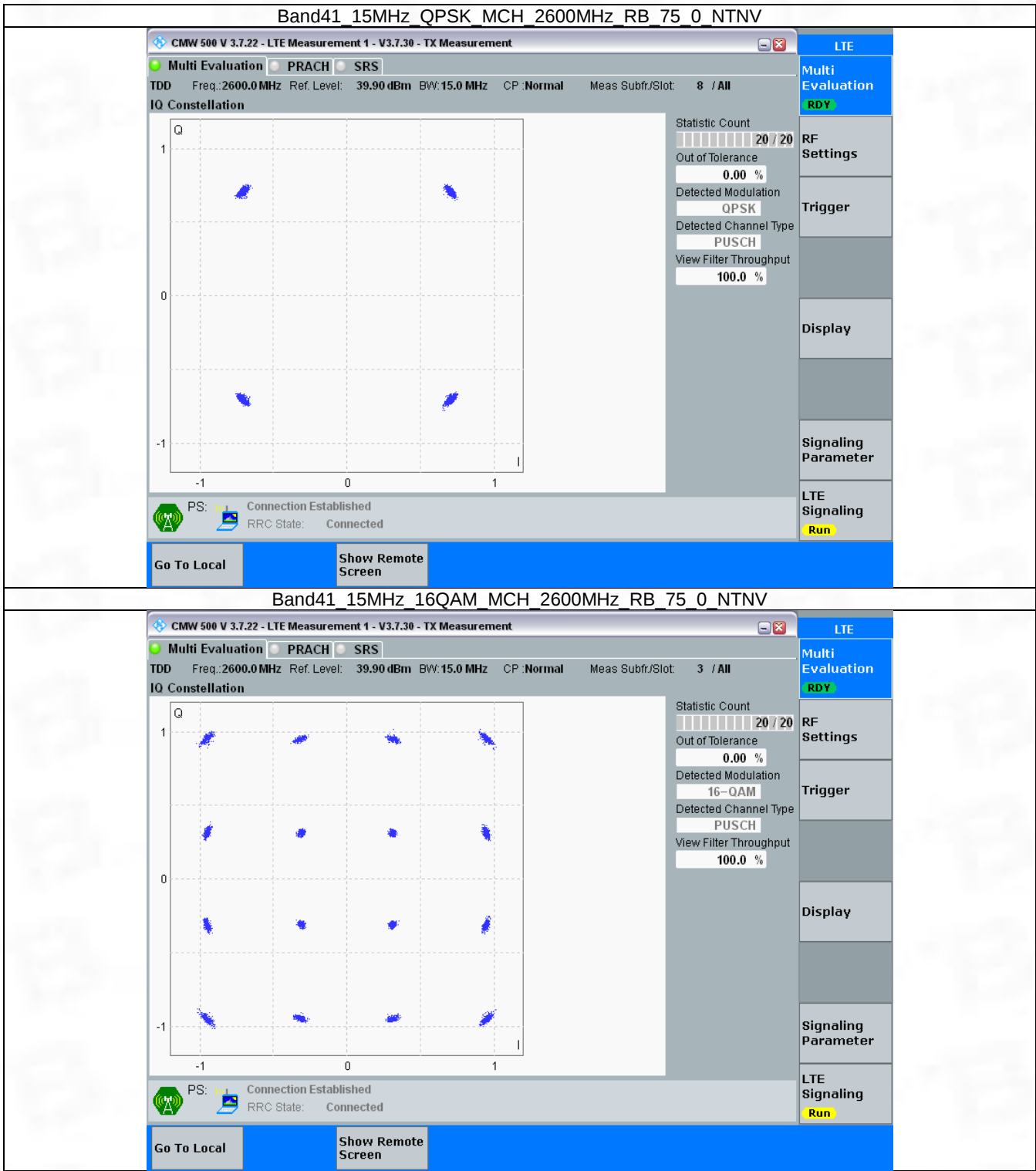


3.3 B41_15MHz

3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	75	0	Refer To Test Graph		Pass
16QAM	2600	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

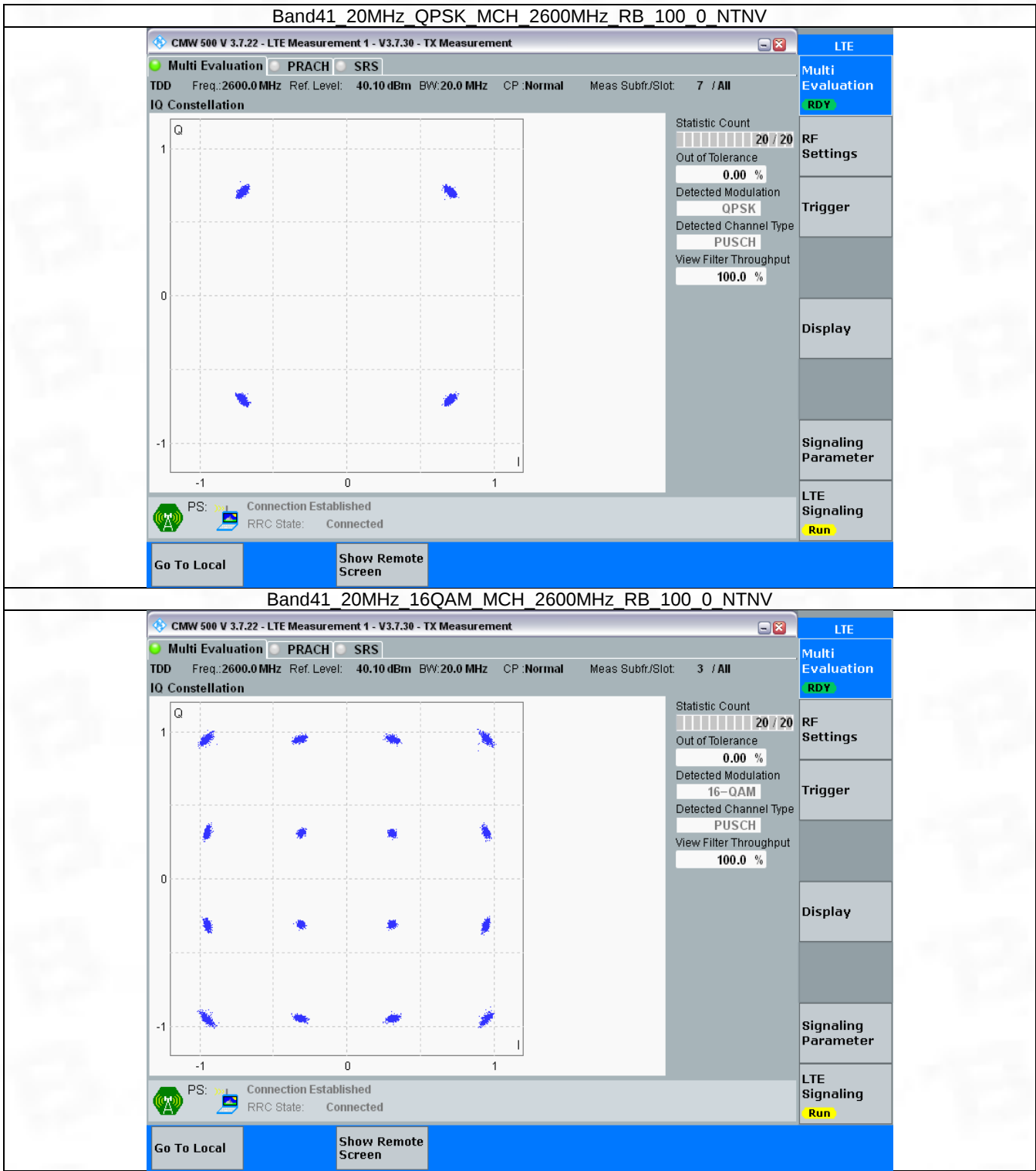


3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	100	0	Refer To Test Graph		Pass
16QAM	2600	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph



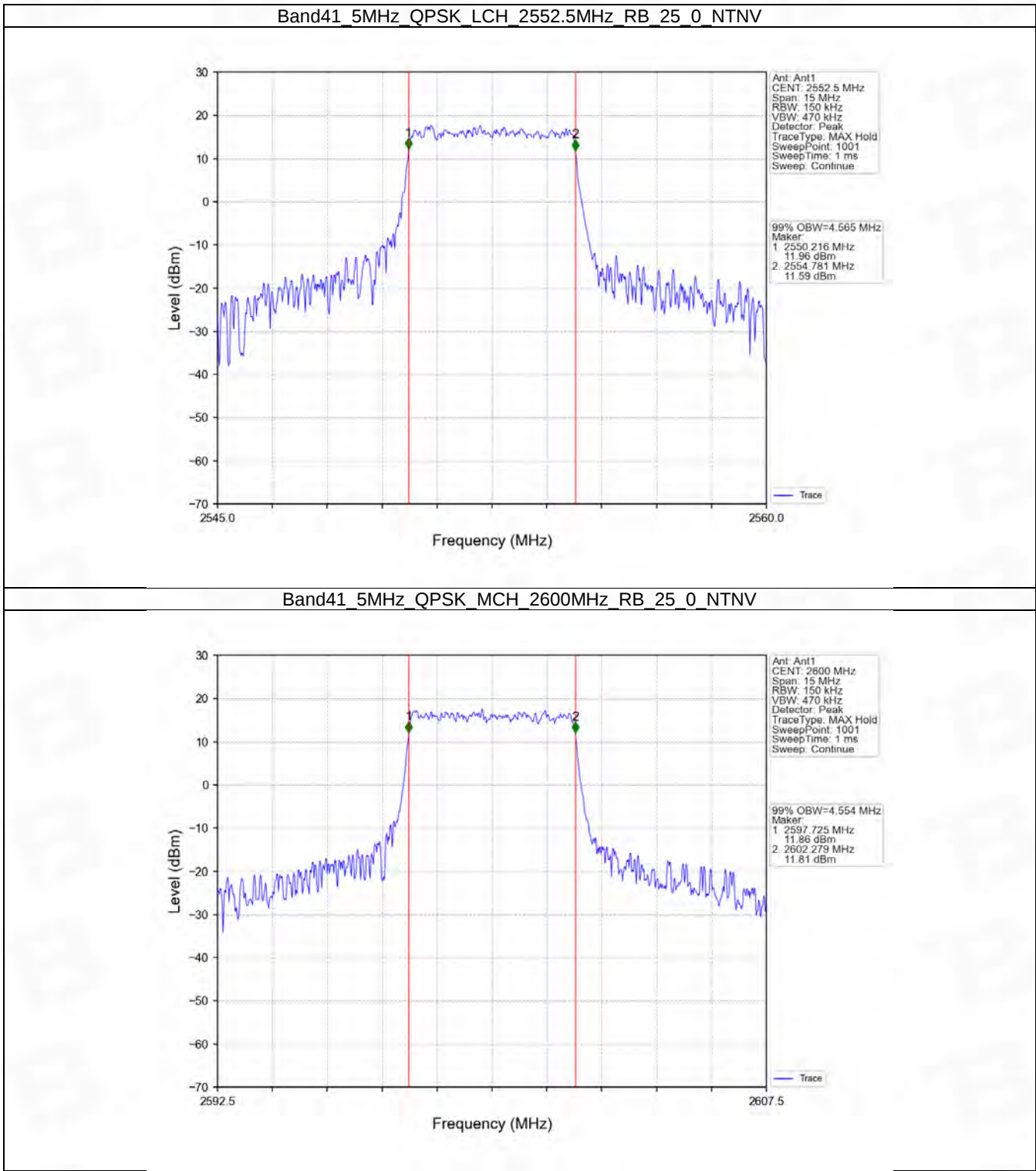
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

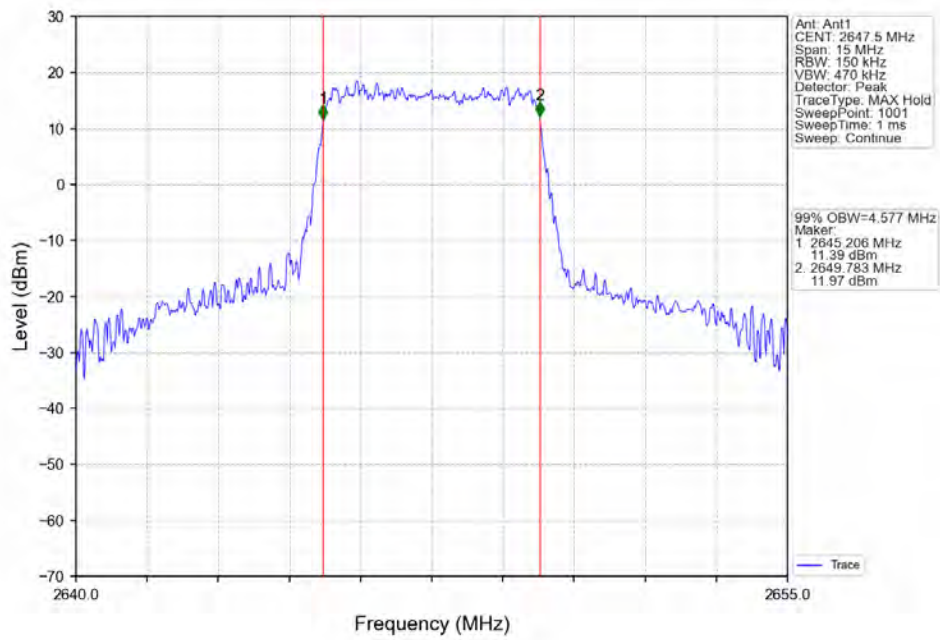
4.1.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2552.5	25	0	4.565	/	Pass
		2600	25	0	4.554	/	Pass
		2647.5	25	0	4.577	/	Pass
	16QAM	2552.5	25	0	4.556	/	Pass
		2600	25	0	4.604	/	Pass
		2647.5	25	0	4.576	/	Pass
10	QPSK	2555	50	0	9.104	/	Pass
		2600	50	0	9.061	/	Pass
		2645	50	0	9.094	/	Pass
	16QAM	2555	50	0	9.098	/	Pass
		2600	50	0	9.071	/	Pass
		2645	50	0	9.110	/	Pass
15	QPSK	2557.5	75	0	13.597	/	Pass
		2600	75	0	13.609	/	Pass
		2642.5	75	0	13.649	/	Pass
	16QAM	2557.5	75	0	13.674	/	Pass
		2600	75	0	13.614	/	Pass
		2642.5	75	0	13.607	/	Pass
20	QPSK	2560	100	0	18.188	/	Pass
		2600	100	0	18.113	/	Pass
		2640	100	0	18.104	/	Pass
	16QAM	2560	100	0	18.157	/	Pass
		2600	100	0	18.187	/	Pass
		2640	100	0	18.126	/	Pass

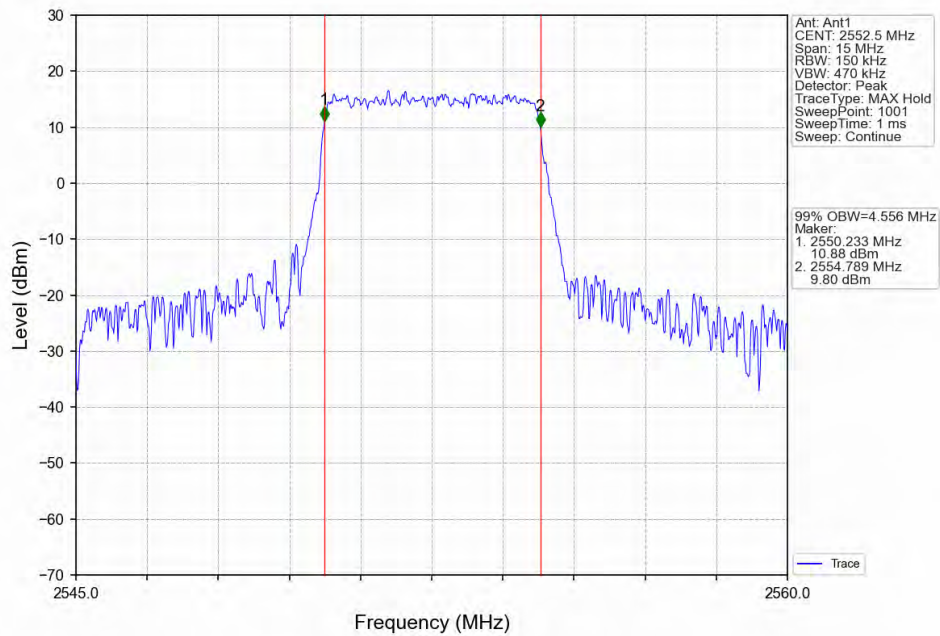
4.1.2 Test Graph



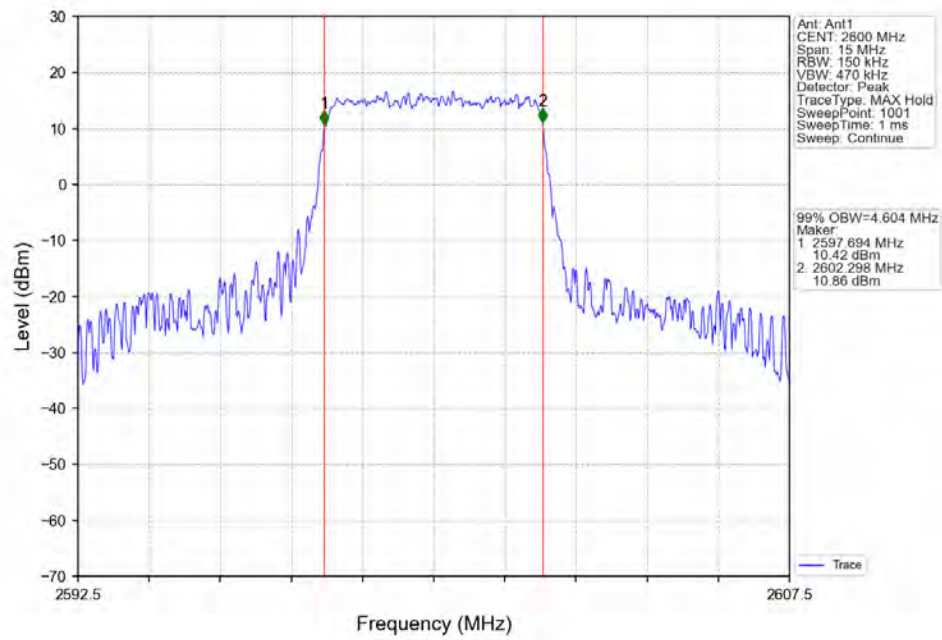
Band41 5MHz QPSK HCH 2647.5MHz RB 25 0 NTNV



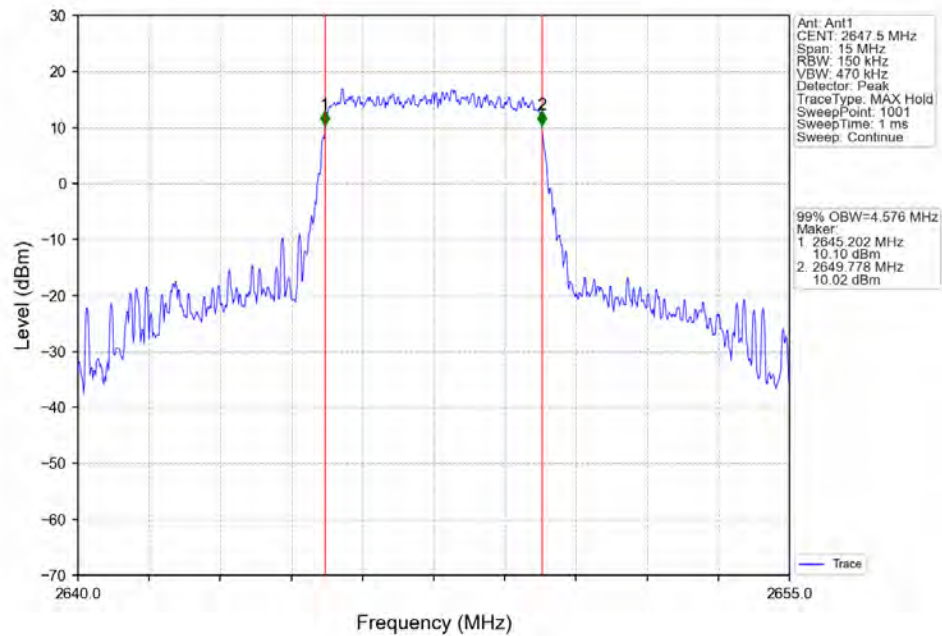
Band41 5MHz 16QAM LCH 2552.5MHz RB 25 0 NTNV



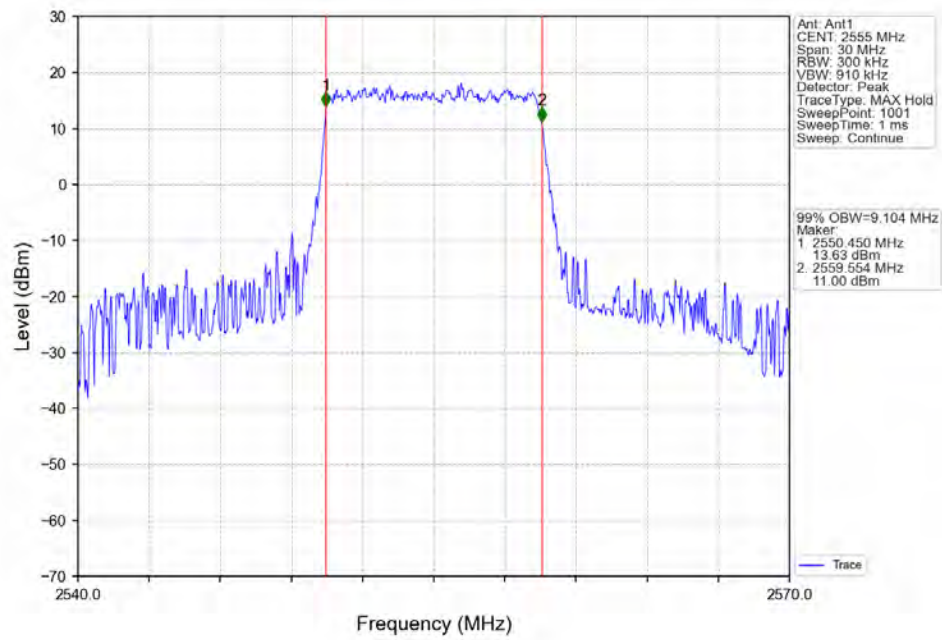
Band41 5MHz 16QAM MCH 2600MHz RB 25 0 NTNV



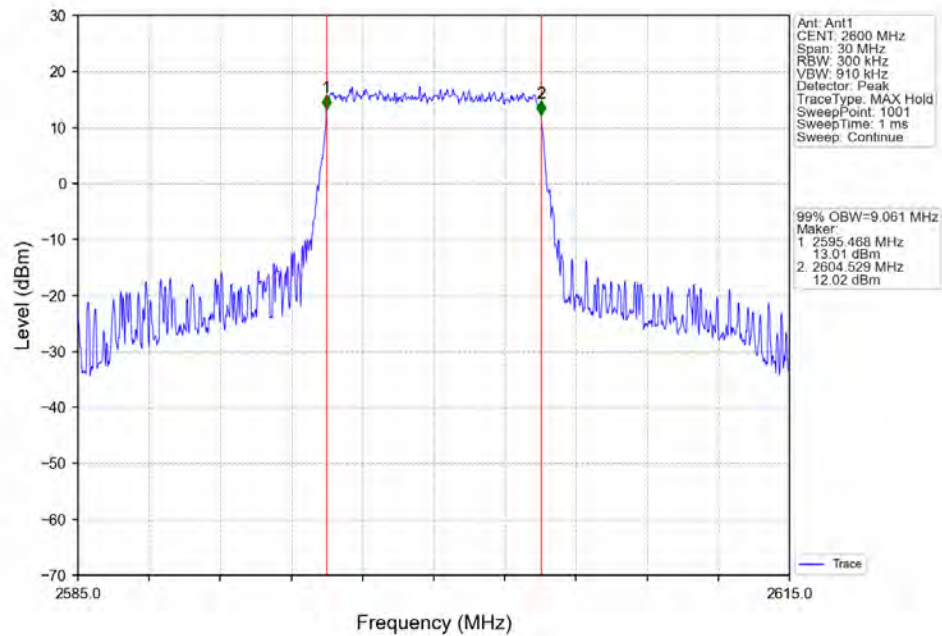
Band41 5MHz 16QAM HCH 2647.5MHz RB 25 0 NTNV



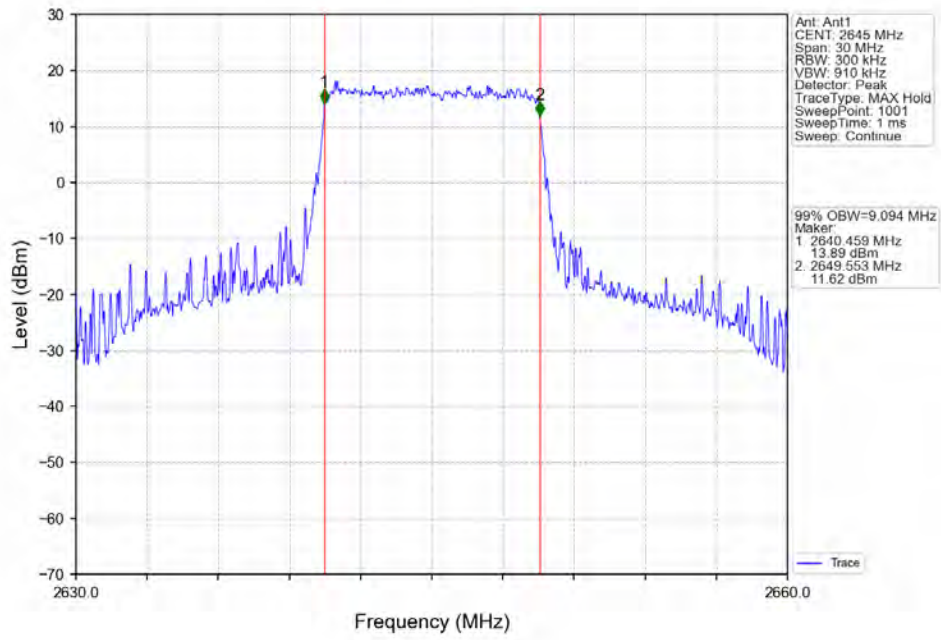
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



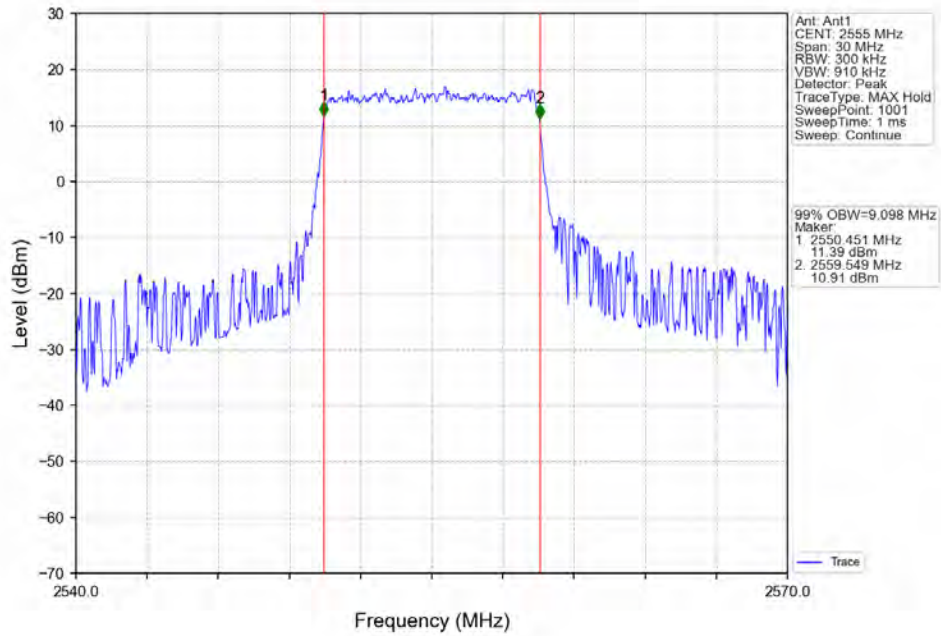
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



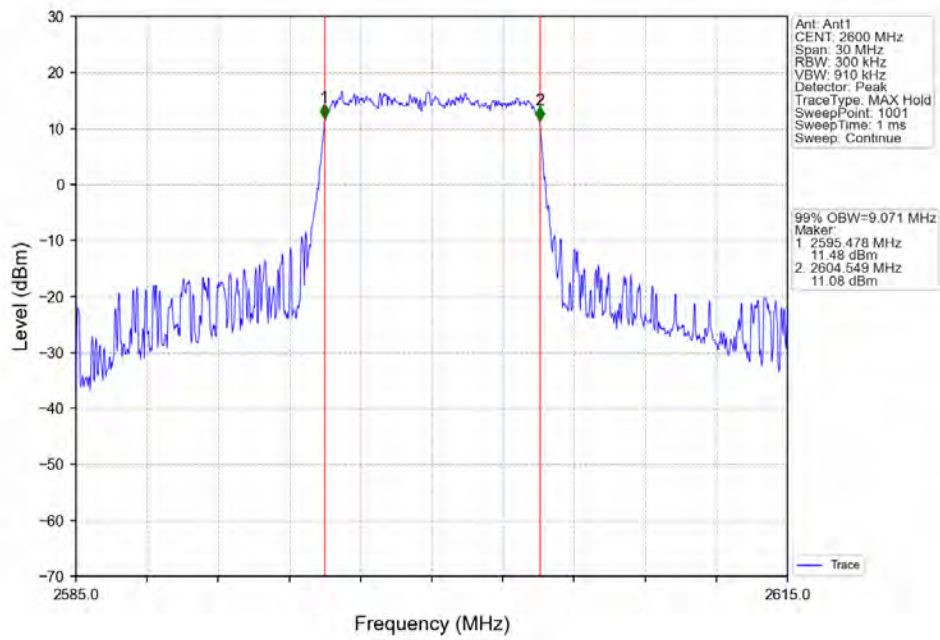
Band41 10MHz QPSK HCH 2645MHz RB 50 0 NTNV



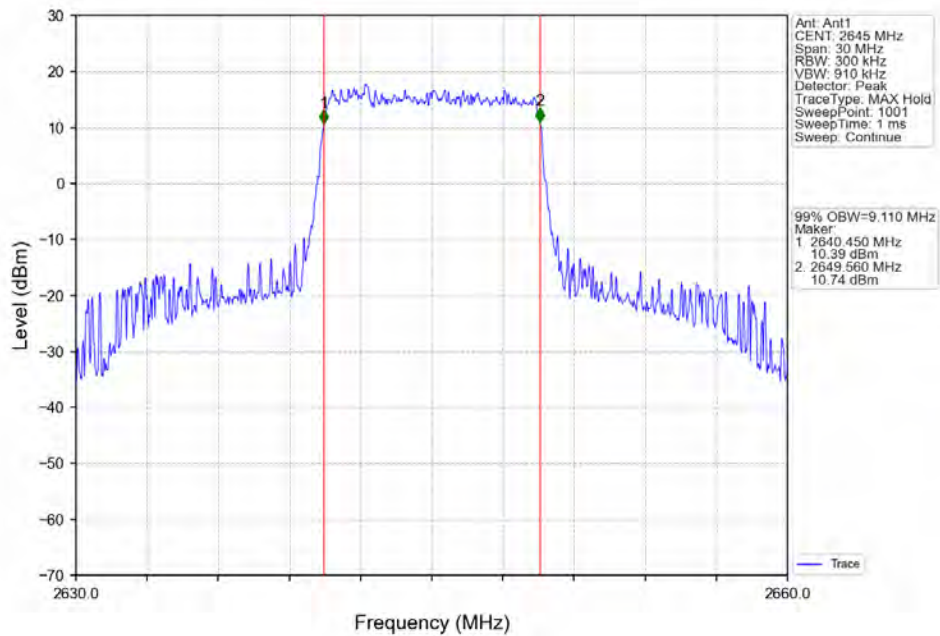
Band41 10MHz 16QAM LCH 2555MHz RB 50 0 NTNV



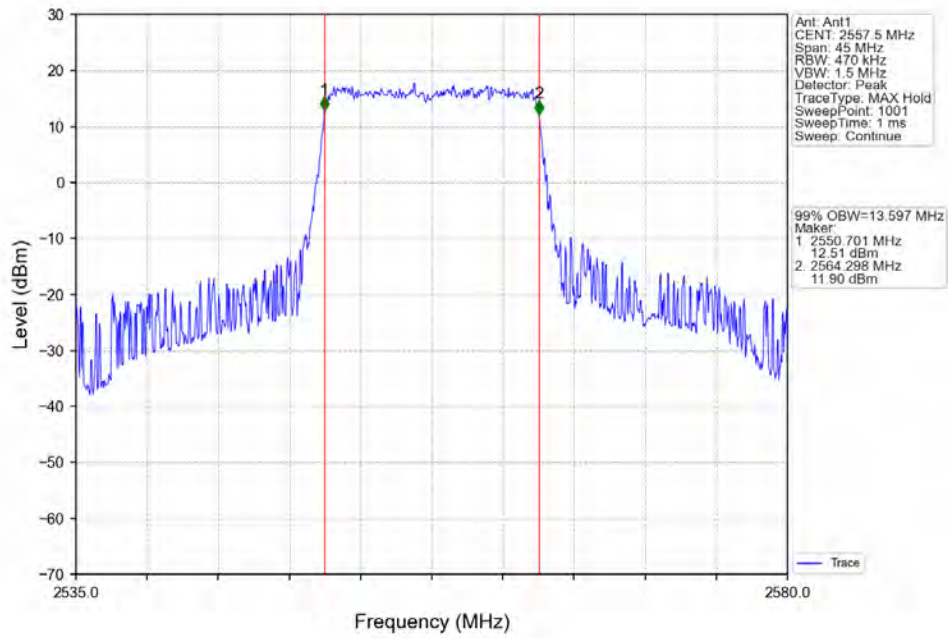
Band41 10MHz 16QAM MCH 2600MHz RB 50 0 NTNV



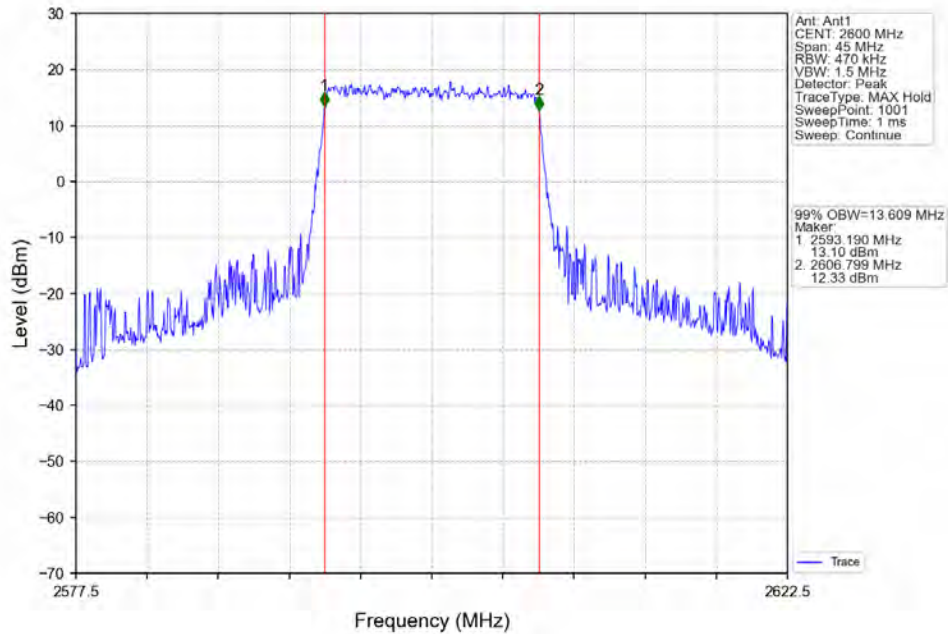
Band41 10MHz 16QAM HCH 2645MHz RB 50 0 NTNV



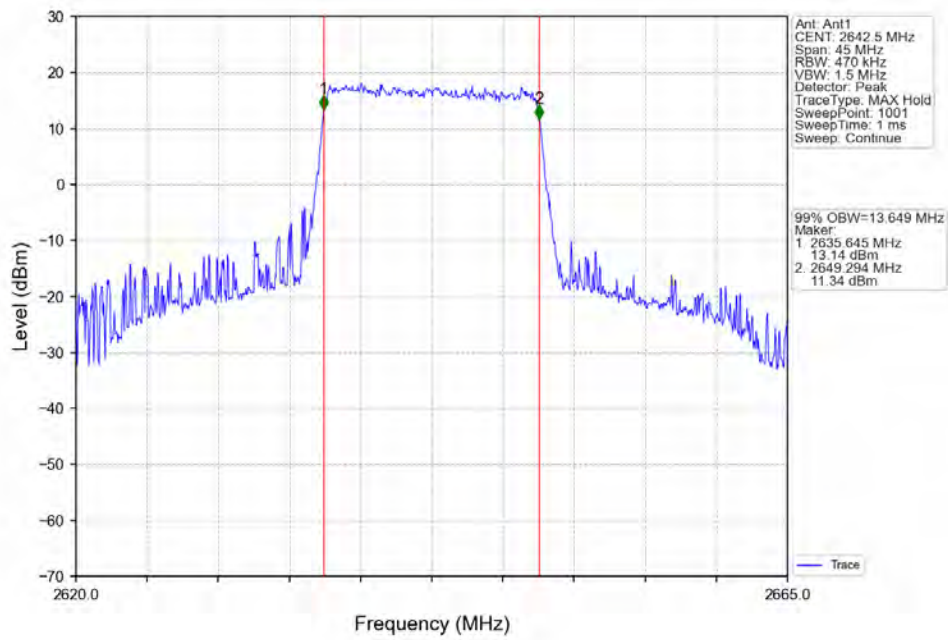
Band41 15MHz QPSK LCH 2557.5MHz RB 75 0 NTNV



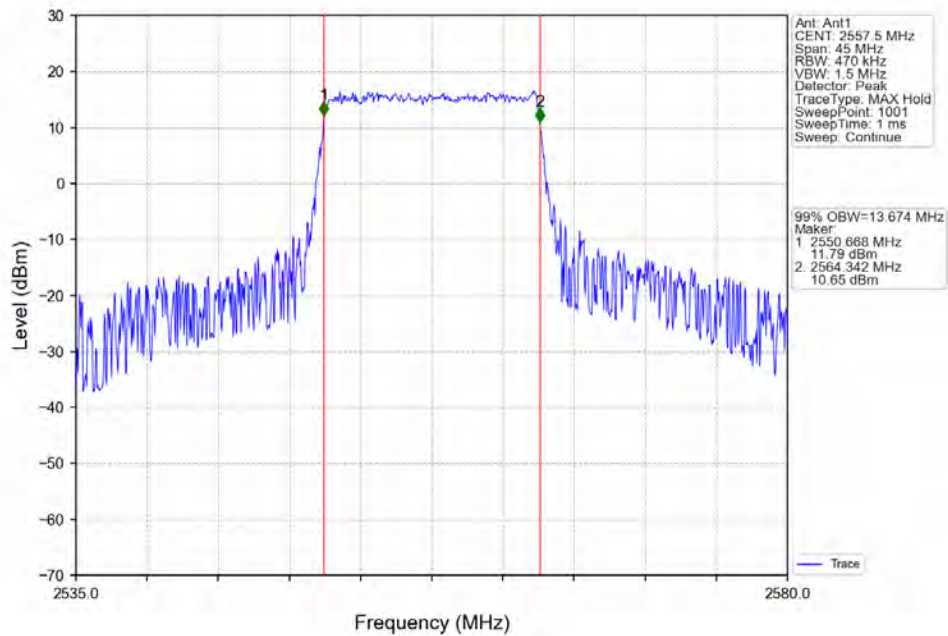
Band41 15MHz QPSK MCH 2600MHz RB 75 0 NTNV



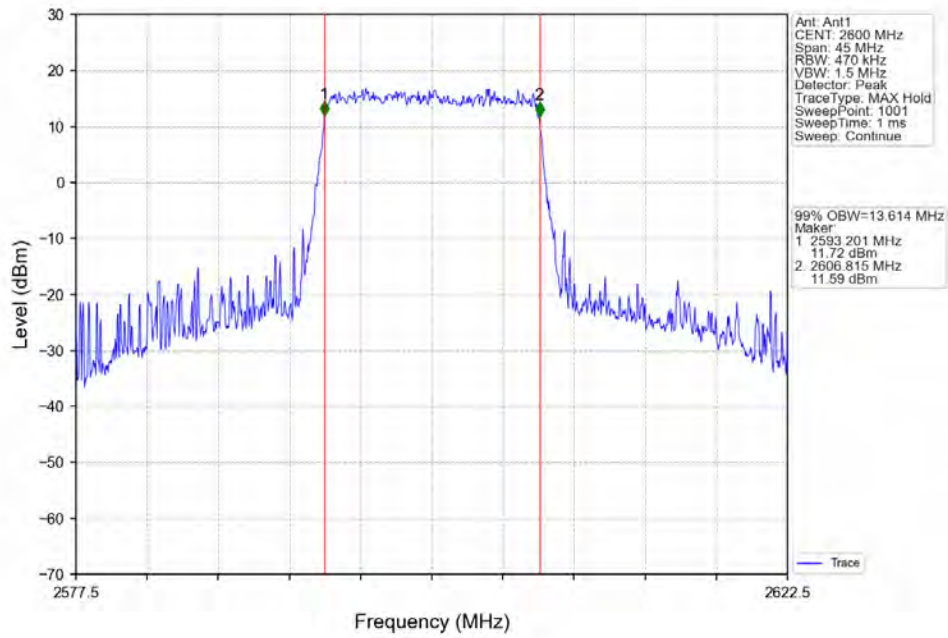
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



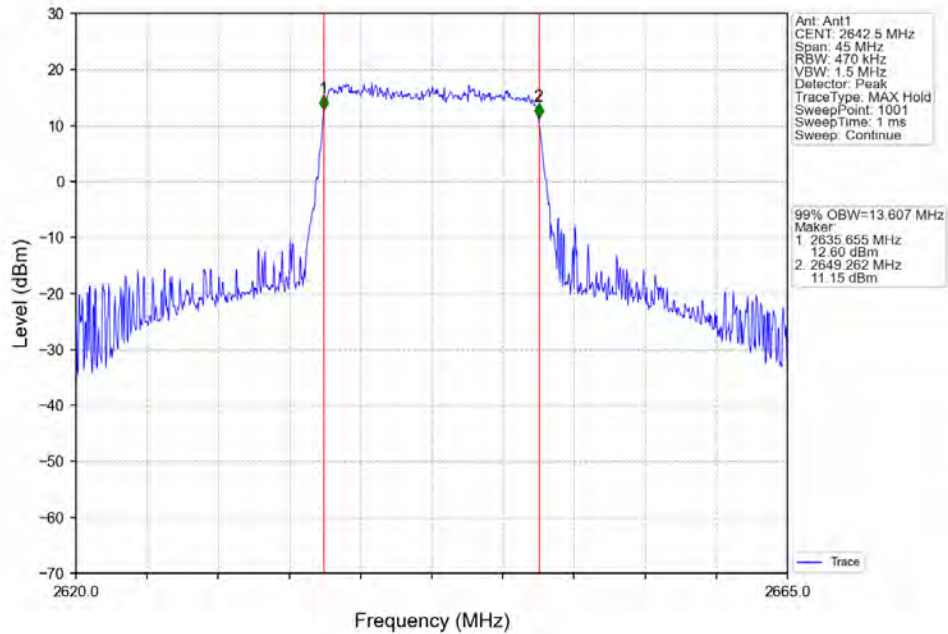
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV



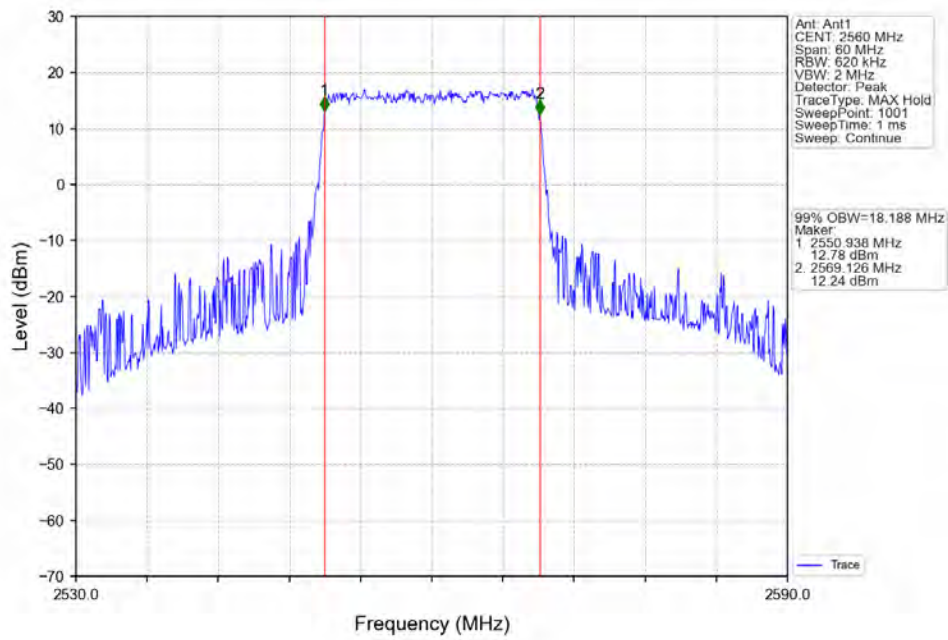
Band41_15MHz_16QAM_MCH_2600MHz_RB_75_0_NTNV



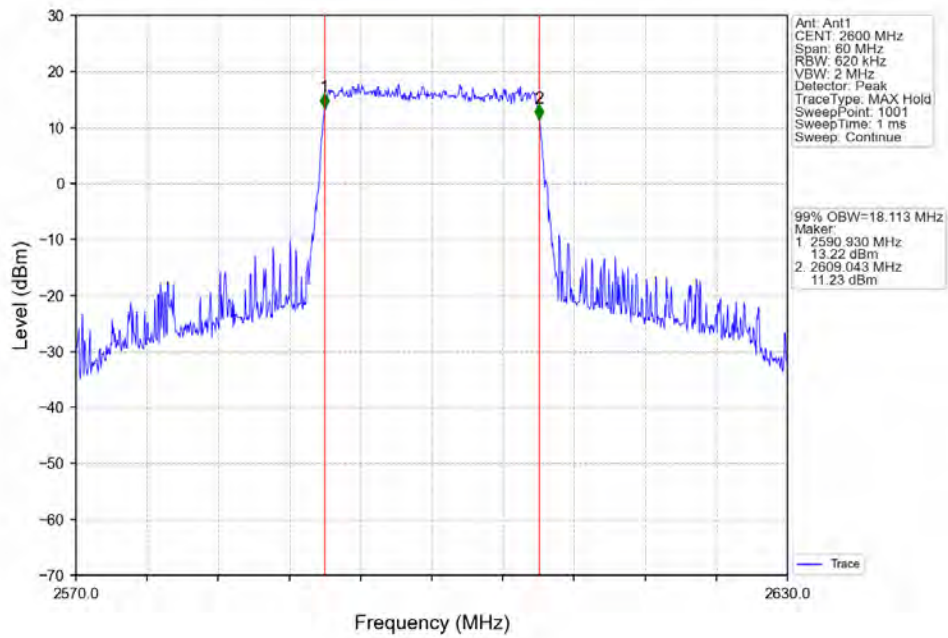
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV



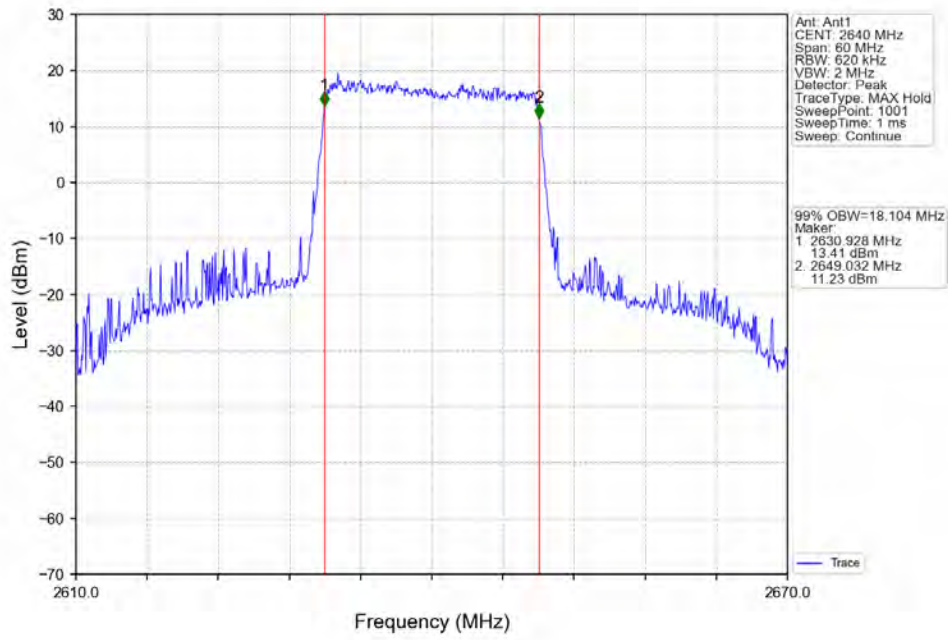
Band41 20MHz QPSK LCH 2560MHz RB 100 0 NTNV



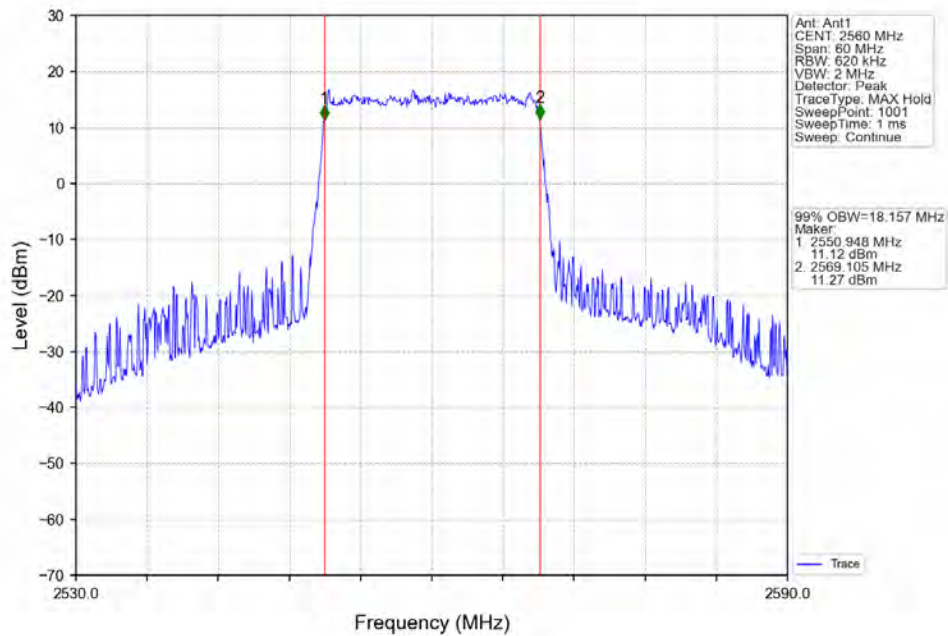
Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV



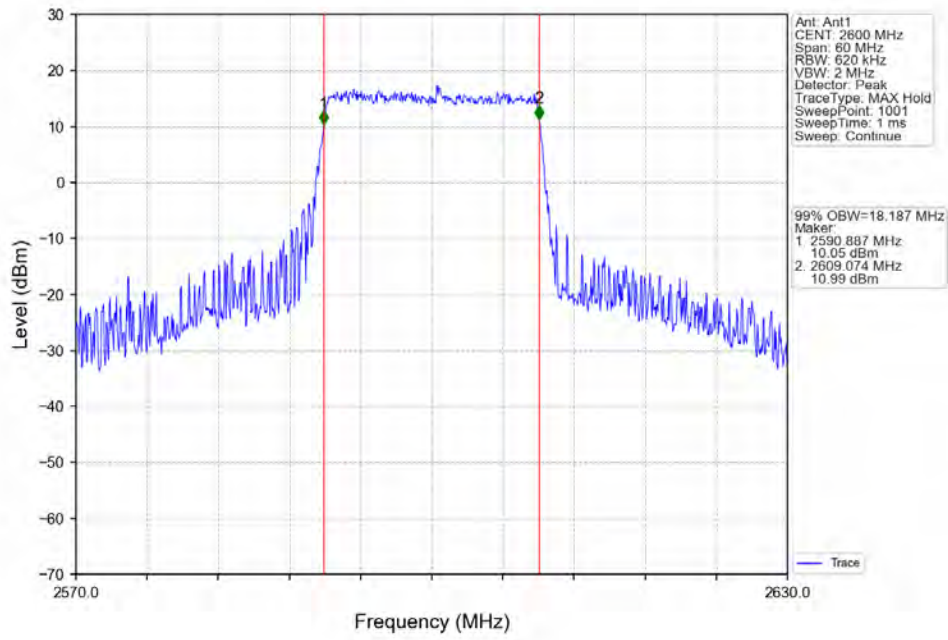
Band41 20MHz QPSK HCH 2640MHz RB 100 0 NTNV



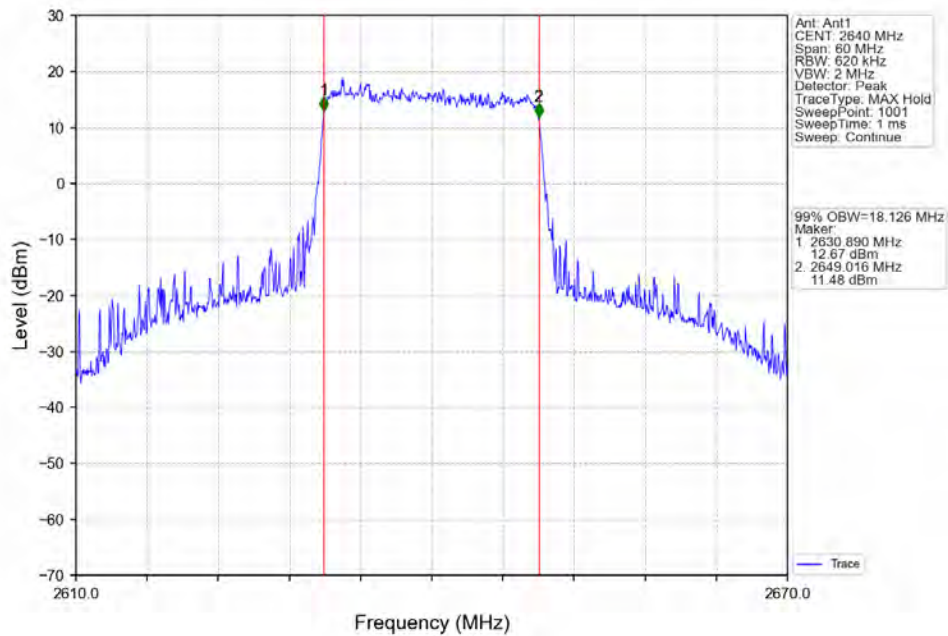
Band41 20MHz 16QAM LCH 2560MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2600MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2640MHz RB 100 0 NTNV

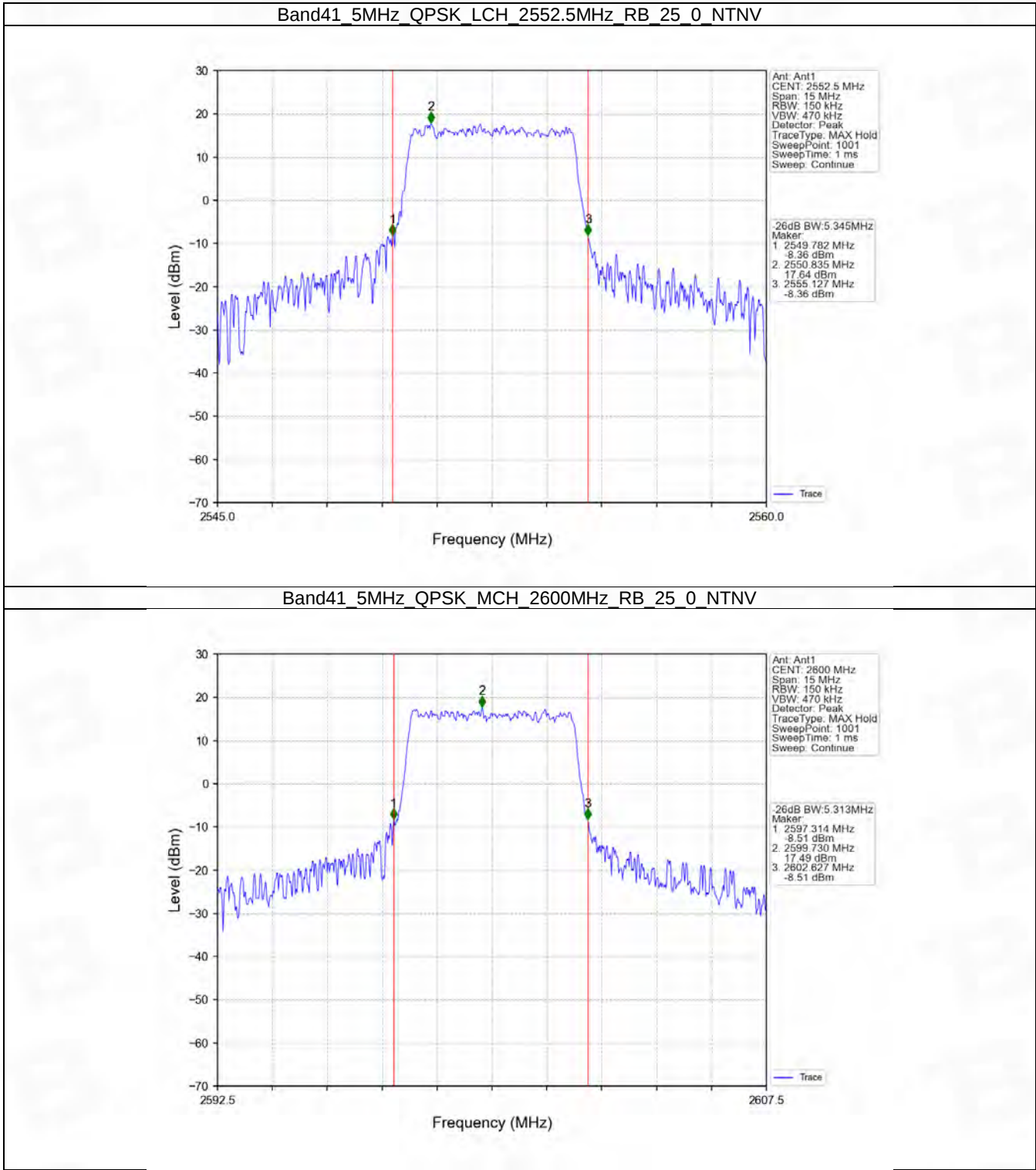


4.2 Band41_XDB

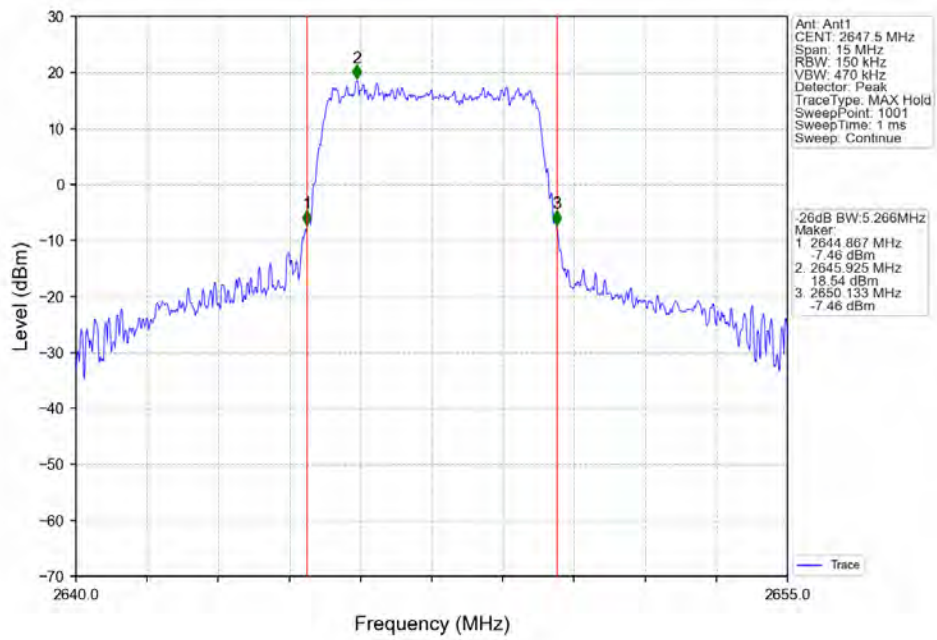
4.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2552.5	25	0	5.345	/	Pass
		2600	25	0	5.313	/	Pass
		2647.5	25	0	5.266	/	Pass
	16QAM	2552.5	25	0	5.236	/	Pass
		2600	25	0	5.520	/	Pass
		2647.5	25	0	5.219	/	Pass
10	QPSK	2555	50	0	10.296	/	Pass
		2600	50	0	10.189	/	Pass
		2645	50	0	11.242	/	Pass
	16QAM	2555	50	0	11.287	/	Pass
		2600	50	0	10.688	/	Pass
		2645	50	0	10.133	/	Pass
15	QPSK	2557.5	75	0	15.482	/	Pass
		2600	75	0	16.169	/	Pass
		2642.5	75	0	16.554	/	Pass
	16QAM	2557.5	75	0	18.135	/	Pass
		2600	75	0	16.576	/	Pass
		2642.5	75	0	16.830	/	Pass
20	QPSK	2560	100	0	21.021	/	Pass
		2600	100	0	19.984	/	Pass
		2640	100	0	19.959	/	Pass
	16QAM	2560	100	0	20.047	/	Pass
		2600	100	0	22.346	/	Pass
		2640	100	0	20.671	/	Pass

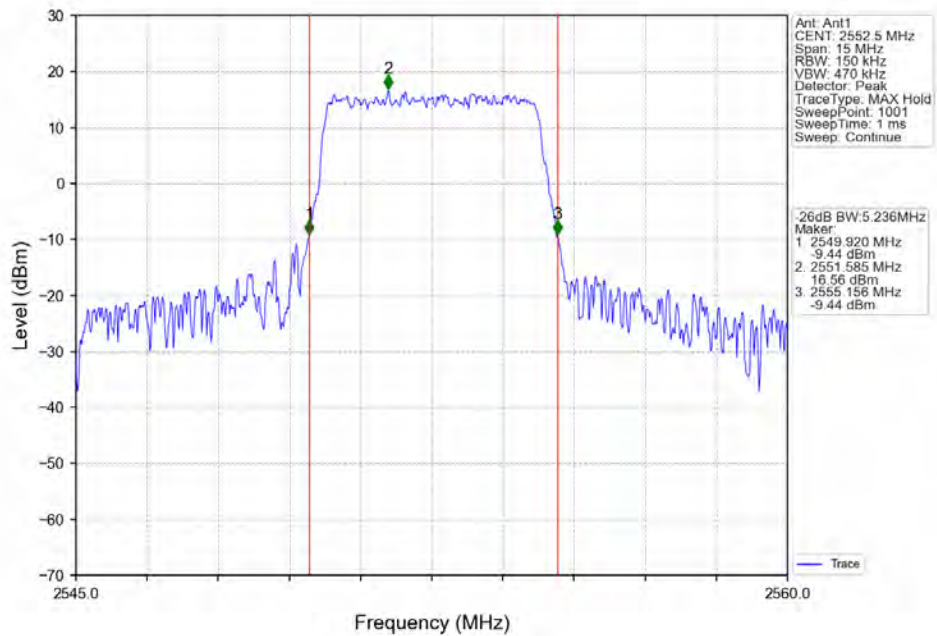
4.2.2 Test Graph



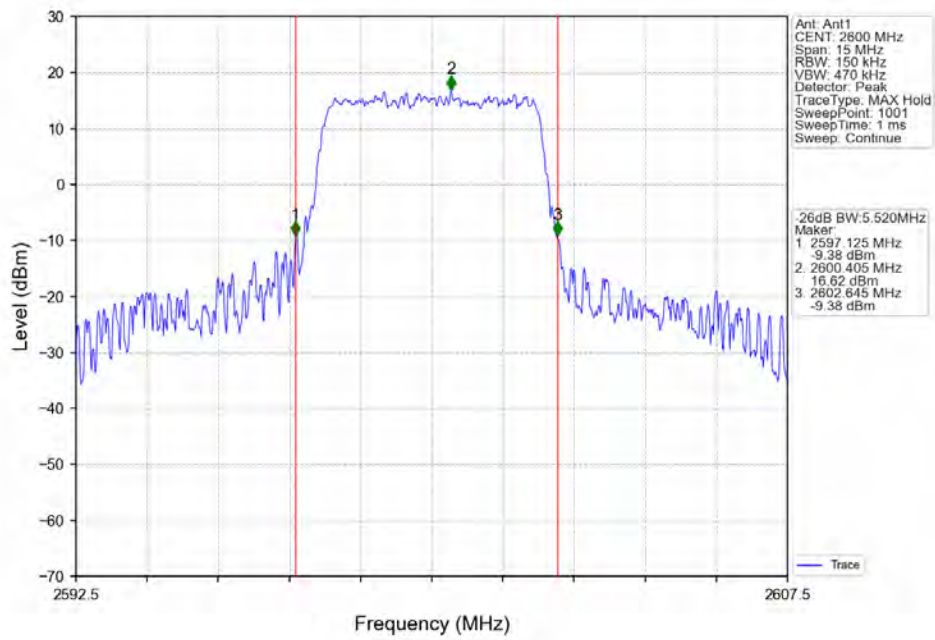
Band41 5MHz QPSK HCH 2647.5MHz RB 25 0 NTNV



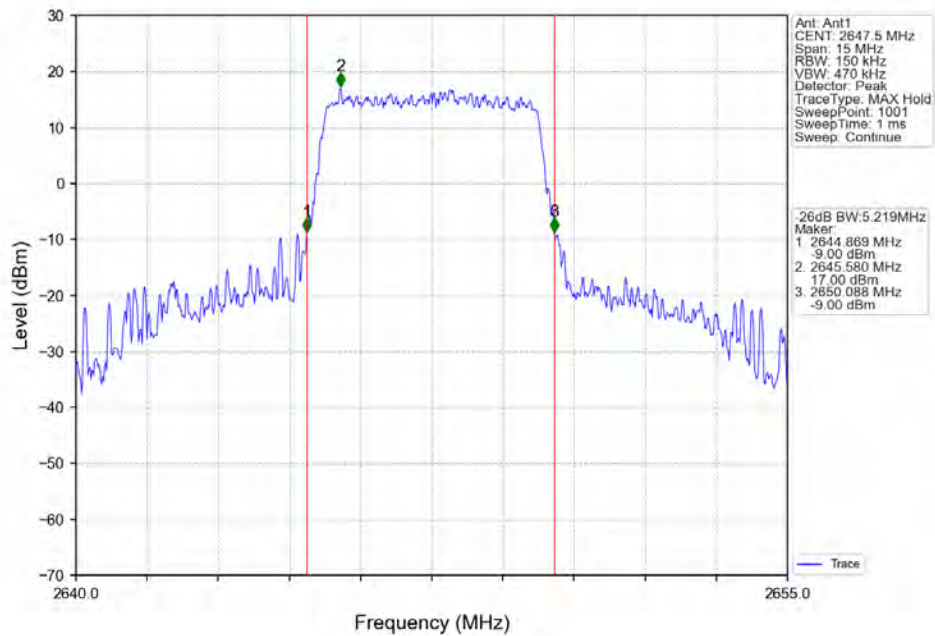
Band41 5MHz 16QAM LCH 2552.5MHz RB 25 0 NTNV



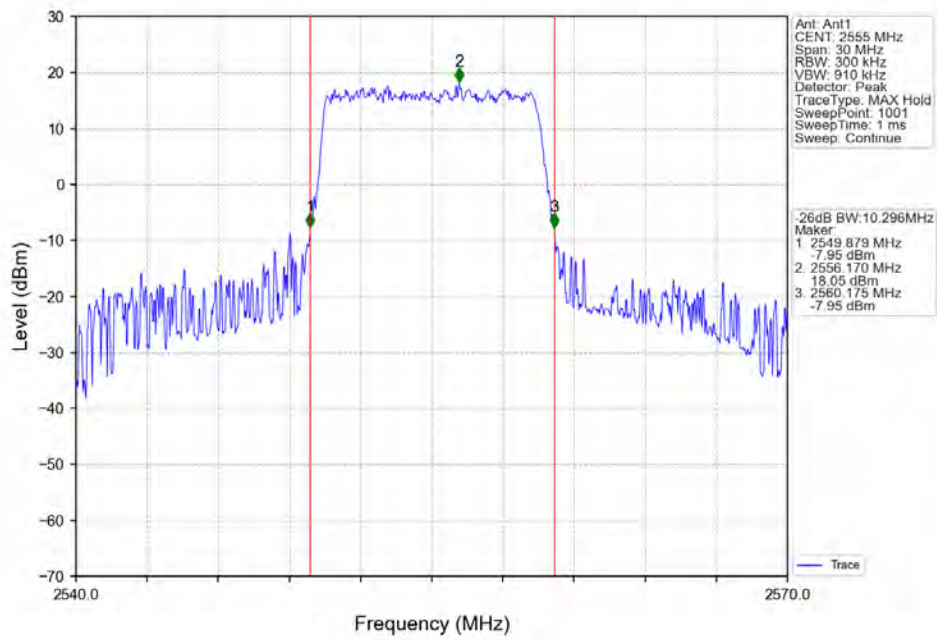
Band41 5MHz 16QAM MCH 2600MHz RB 25 0 NTNV



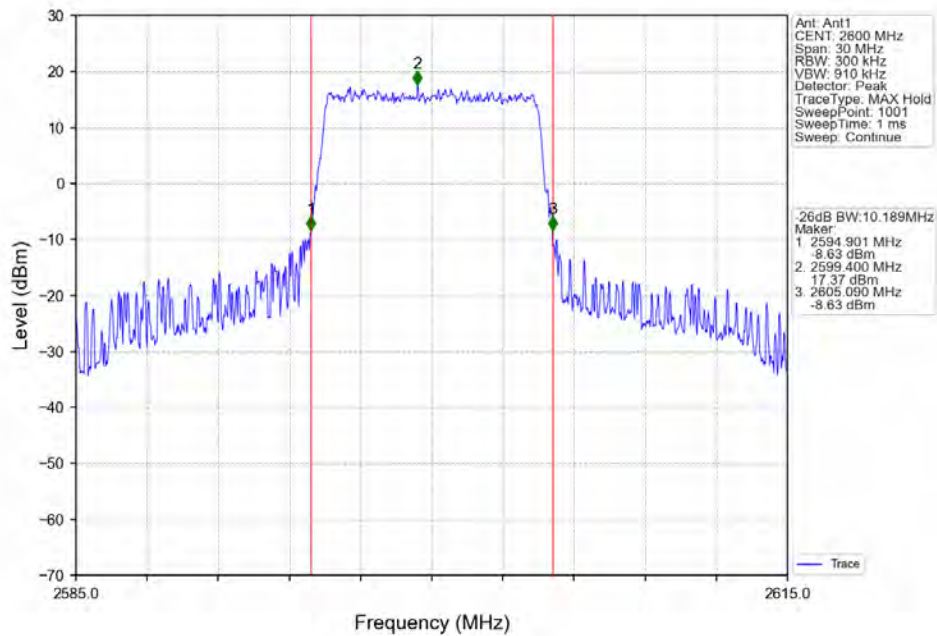
Band41 5MHz 16QAM HCH 2647.5MHz RB 25 0 NTNV



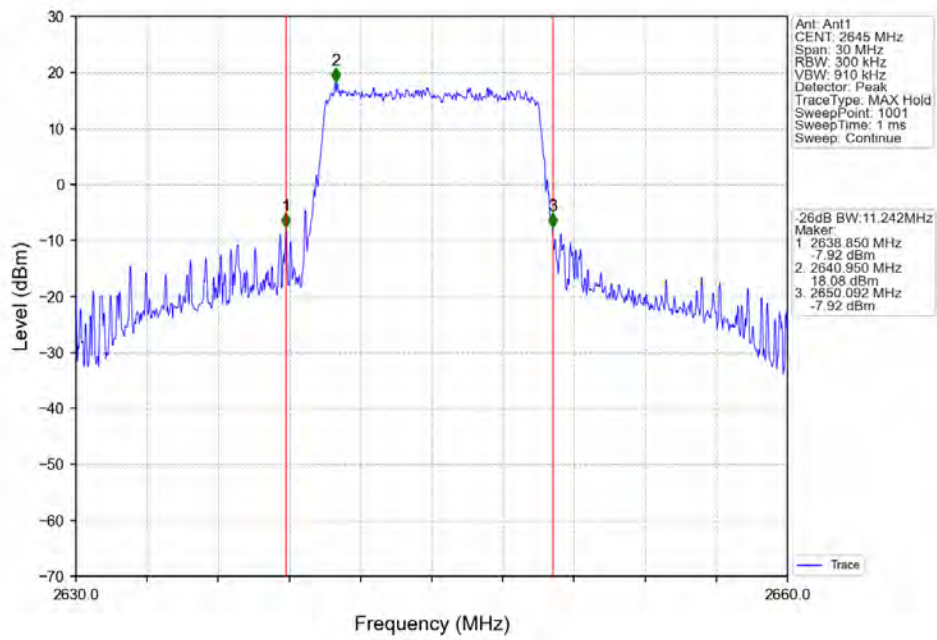
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



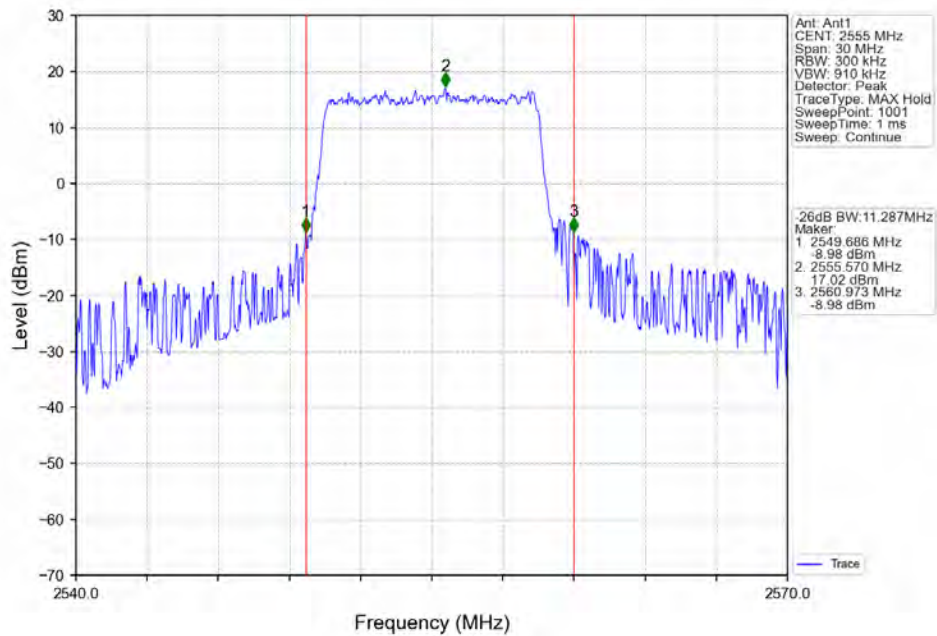
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



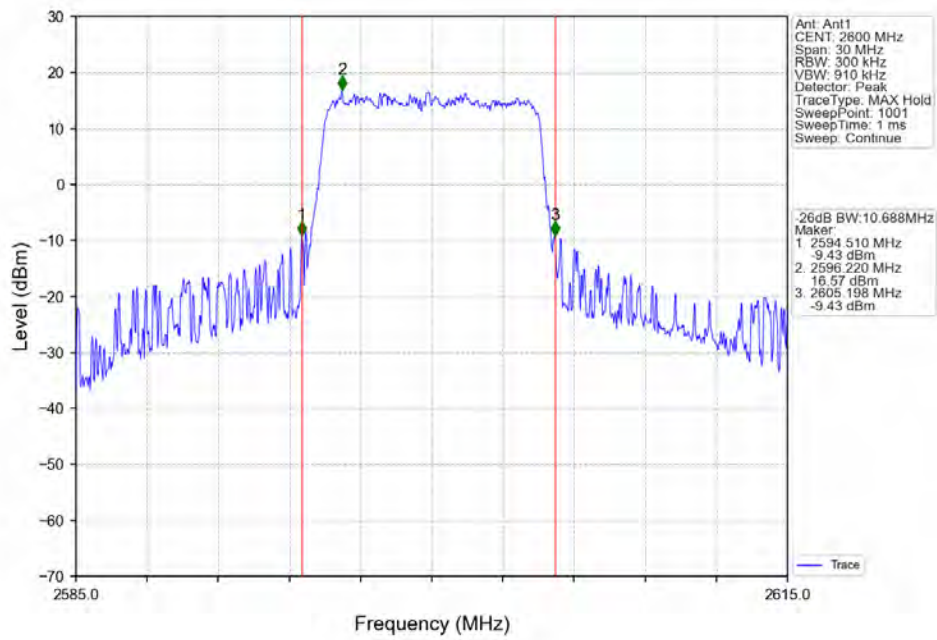
Band41 10MHz QPSK HCH 2645MHz RB 50 0 NTNV



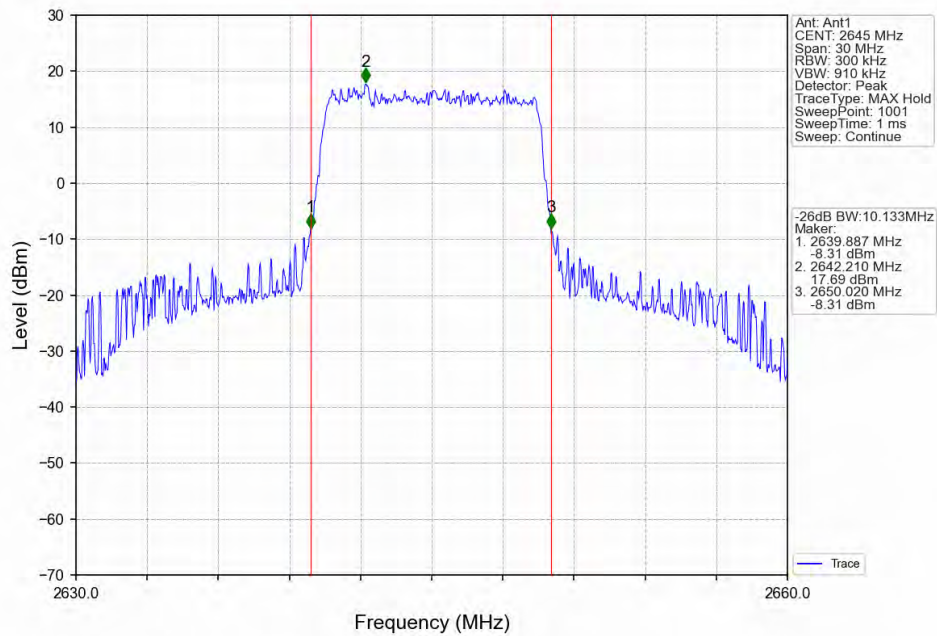
Band41 10MHz 16QAM LCH 2555MHz RB 50 0 NTNV



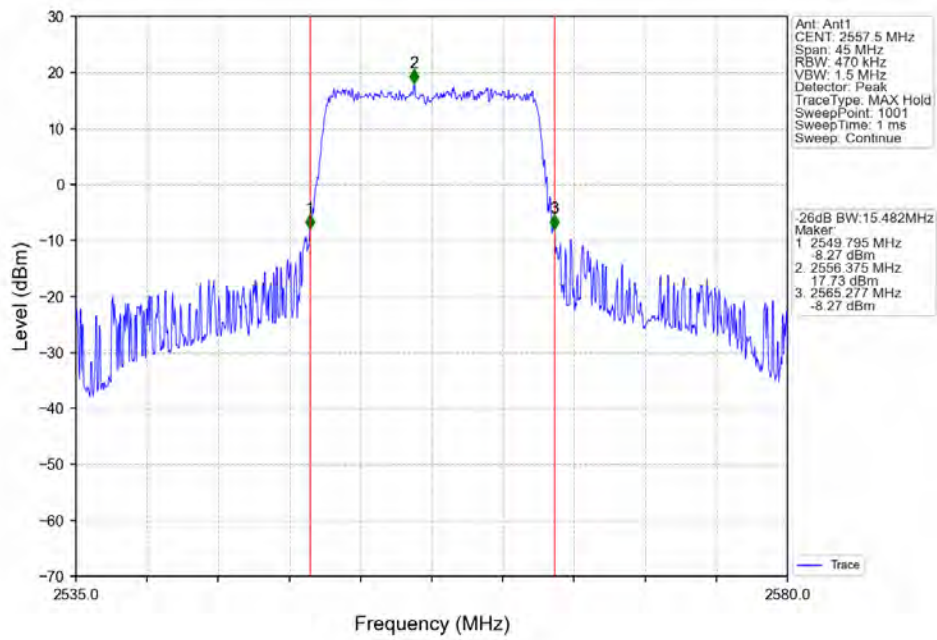
Band41 10MHz 16QAM MCH 2600MHz RB 50 0 NTN



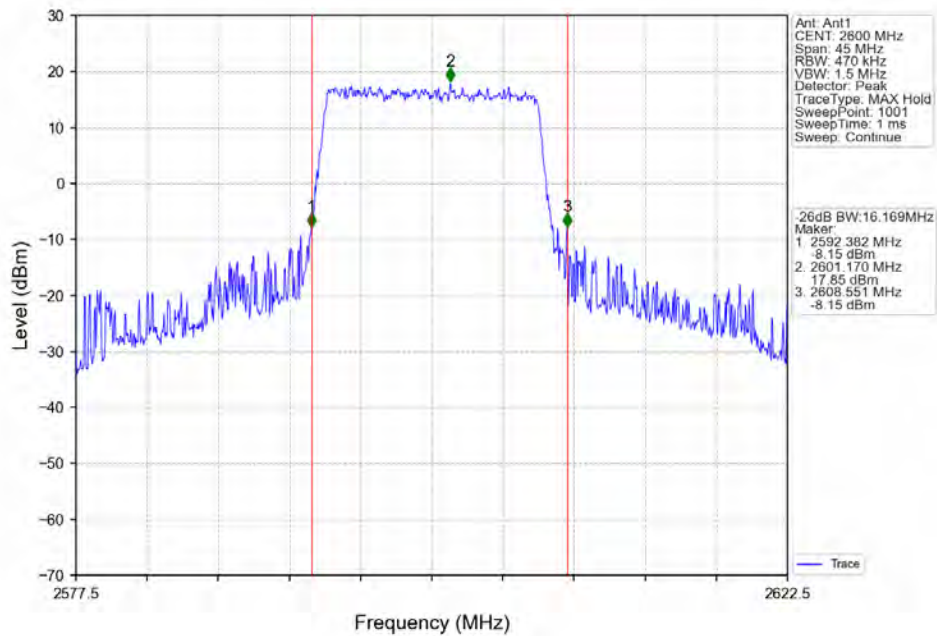
Band41 10MHz 16QAM HCH 2645MHz RB 50 0 NTN



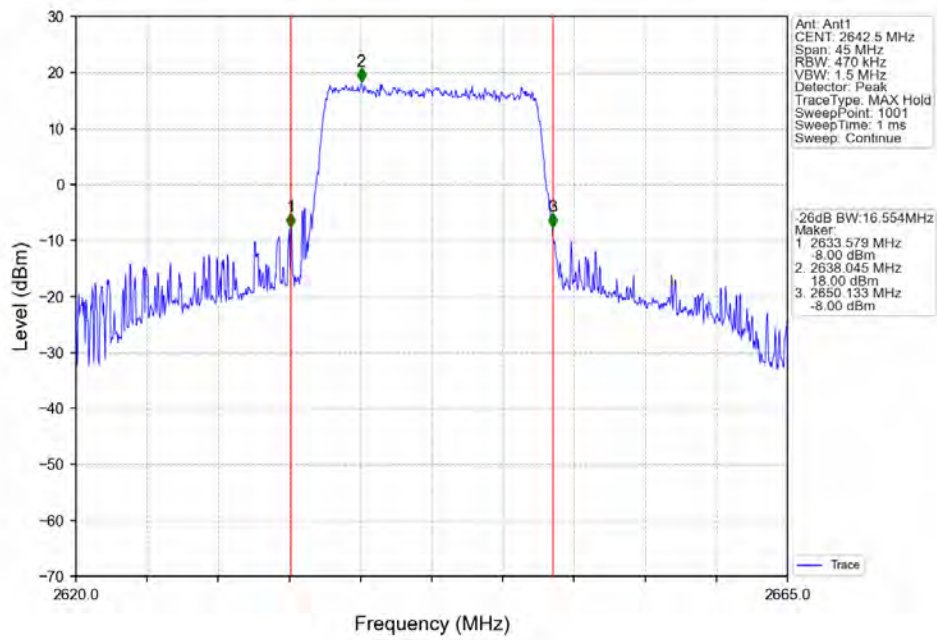
Band41 15MHz QPSK LCH 2557.5MHz RB 75 0 NTNV



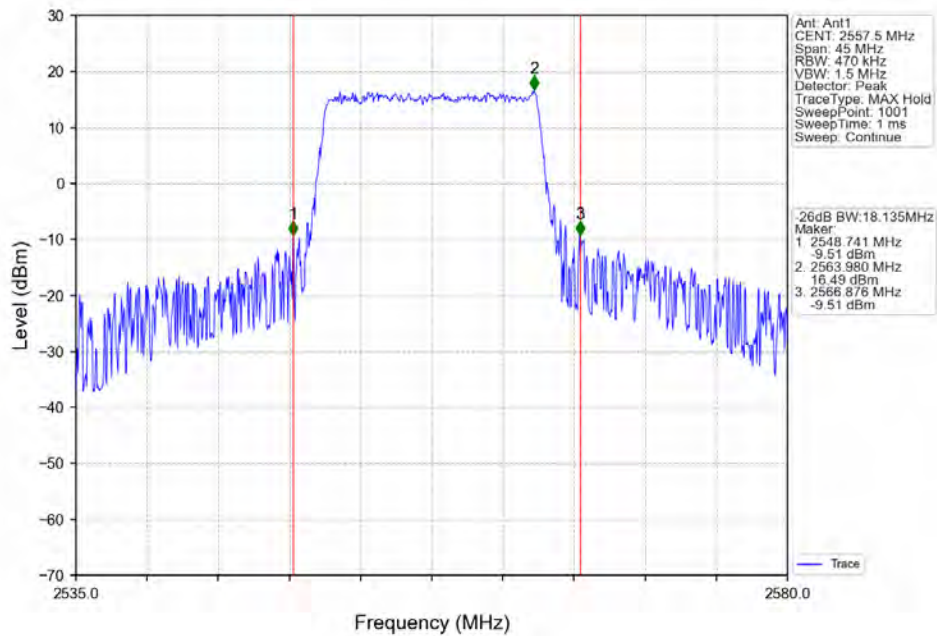
Band41 15MHz QPSK MCH 2600MHz RB 75 0 NTNV



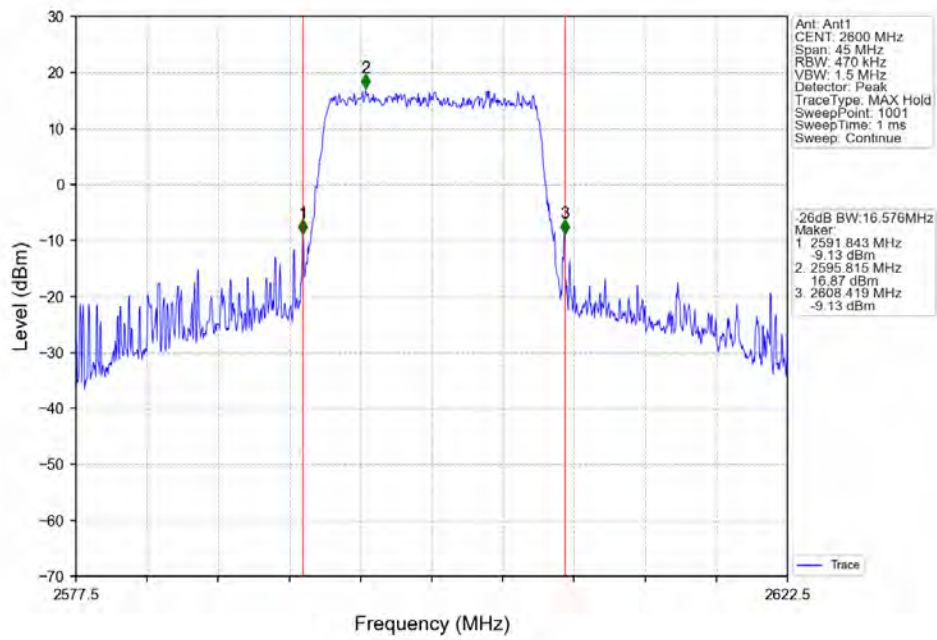
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



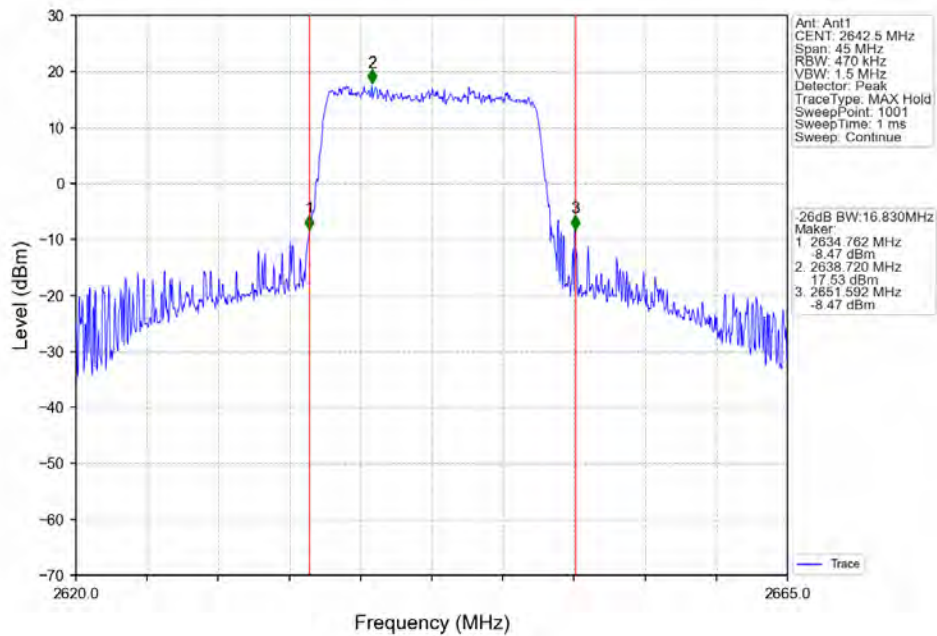
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV



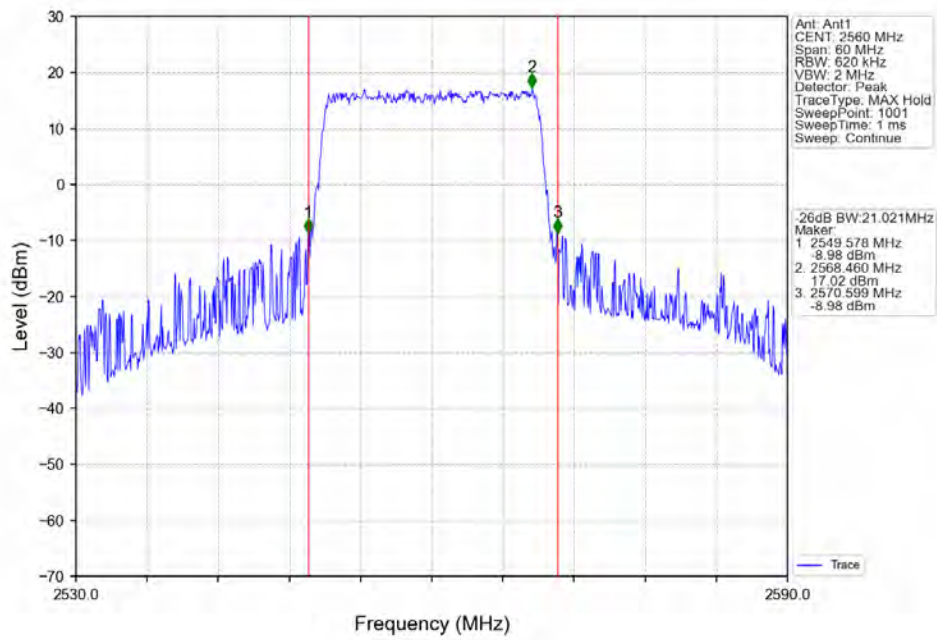
Band41 15MHz 16QAM MCH 2600MHz RB 75 0 NTNV



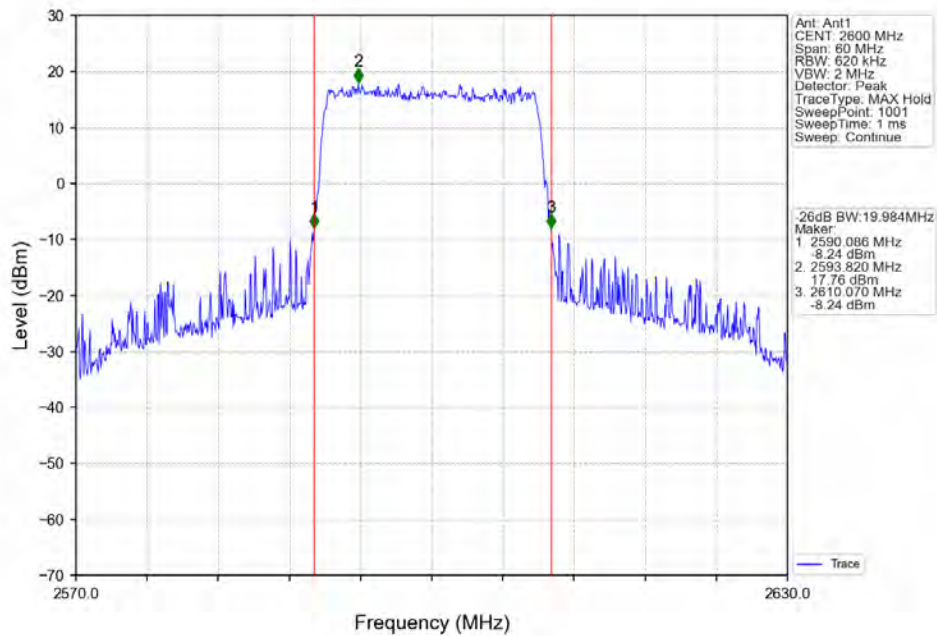
Band41 15MHz 16QAM HCH 2642.5MHz RB 75 0 NTNV



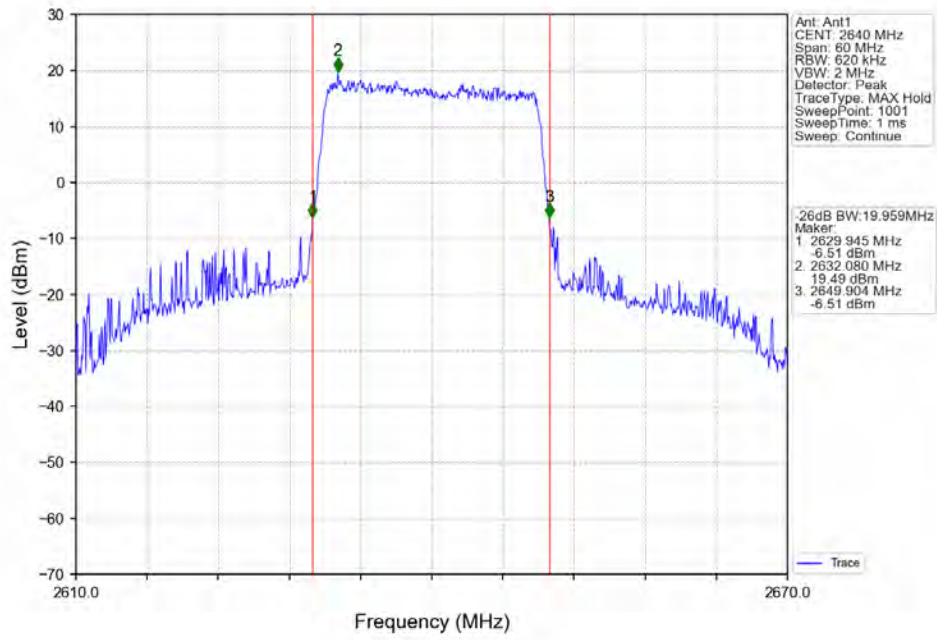
Band41 20MHz QPSK LCH 2560MHz RB 100 0 NTNV



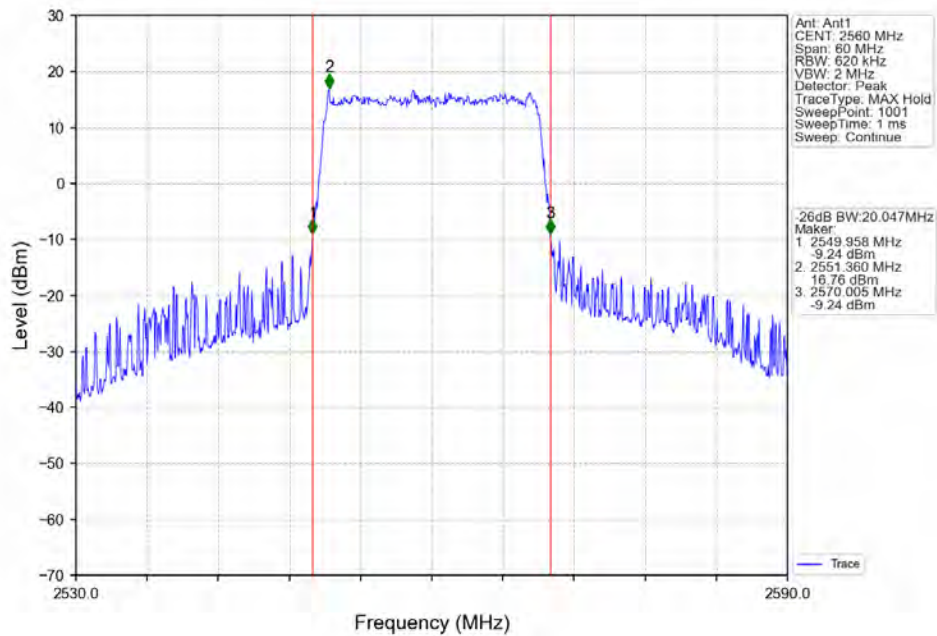
Band41 20MHz QPSK MCH 2600MHz RB 100 0 NTNV



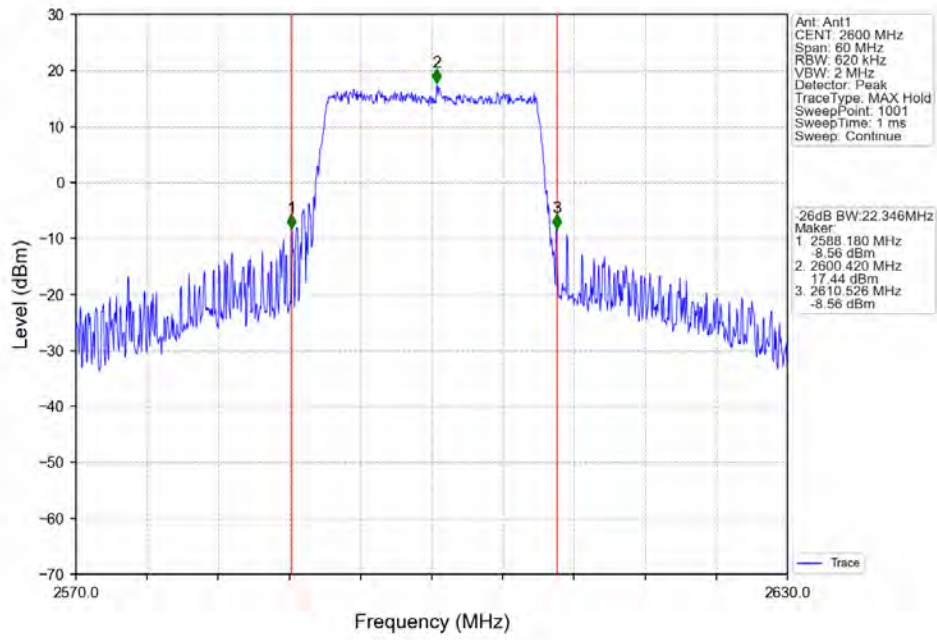
Band41 20MHz QPSK HCH 2640MHz RB 100 0 NTNV



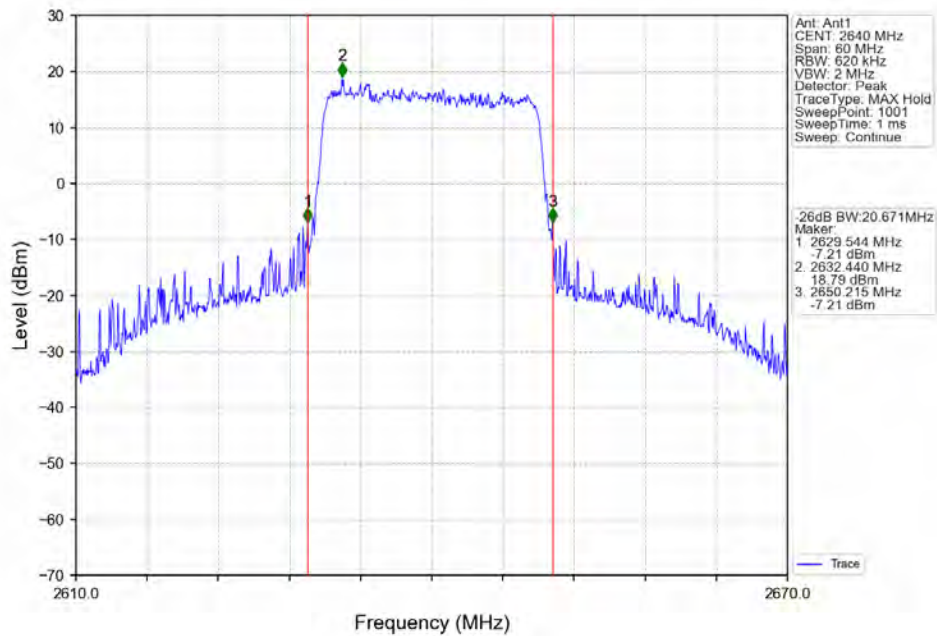
Band41 20MHz 16QAM LCH 2560MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2600MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2640MHz RB 100 0 NTNV



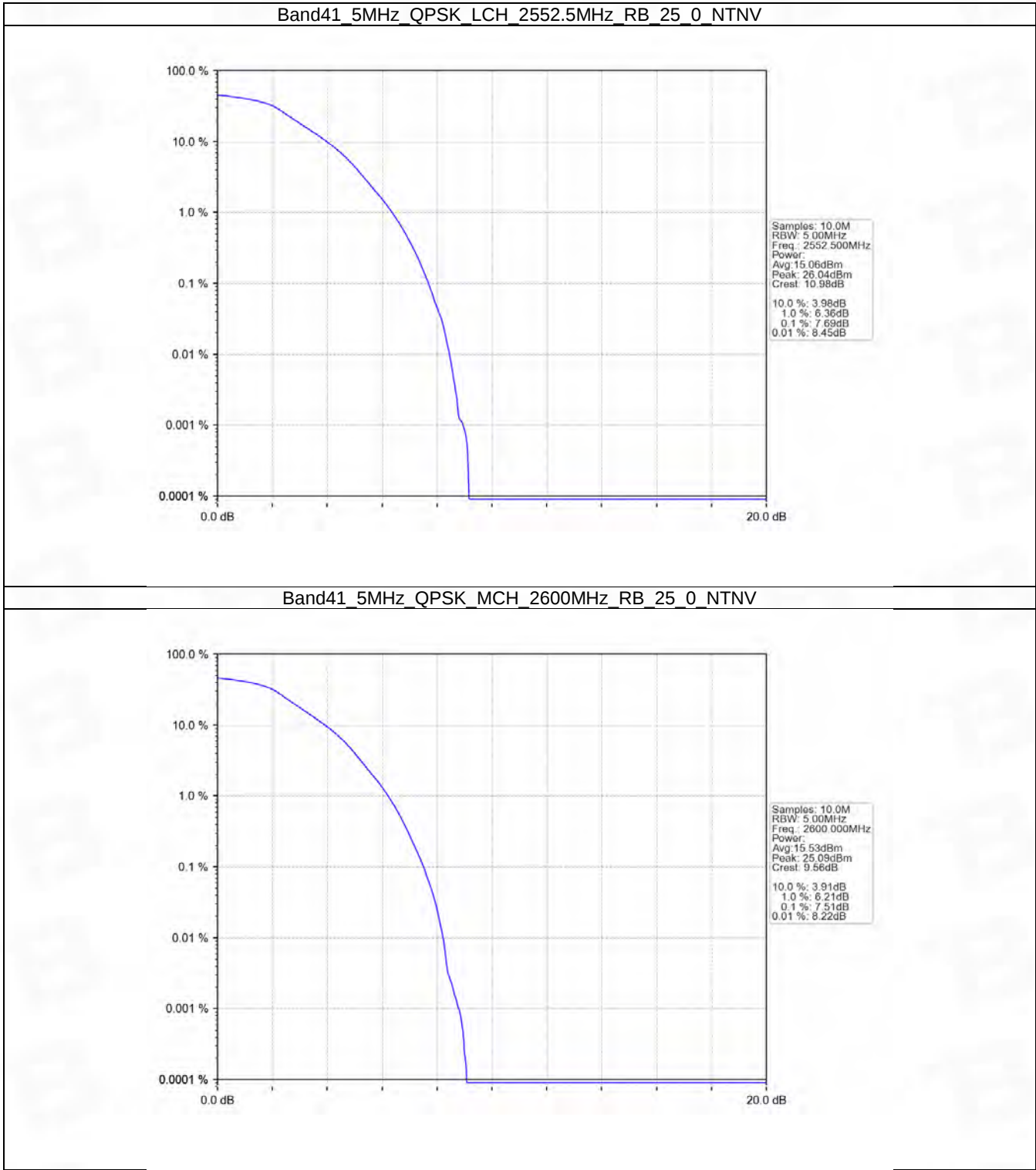
5. Peak-Average Ratio

5.1 B41_5MHz

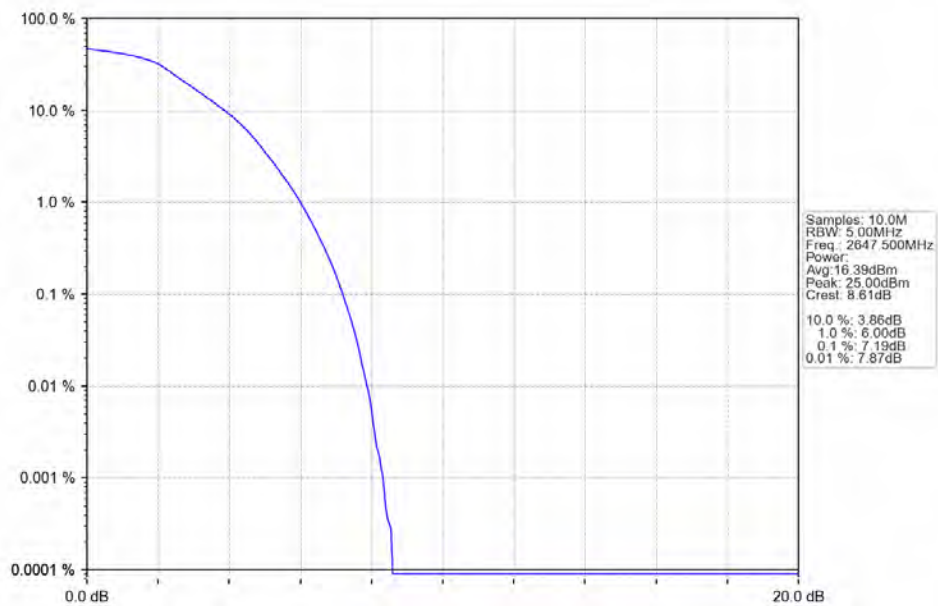
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2552.5	25	0	7.69	<=13	Pass
	2600	25	0	7.51	<=13	Pass
	2647.5	25	0	7.19	<=13	Pass
16QAM	2552.5	25	0	7.97	<=13	Pass
	2600	25	0	8.14	<=13	Pass
	2647.5	25	0	8.17	<=13	Pass

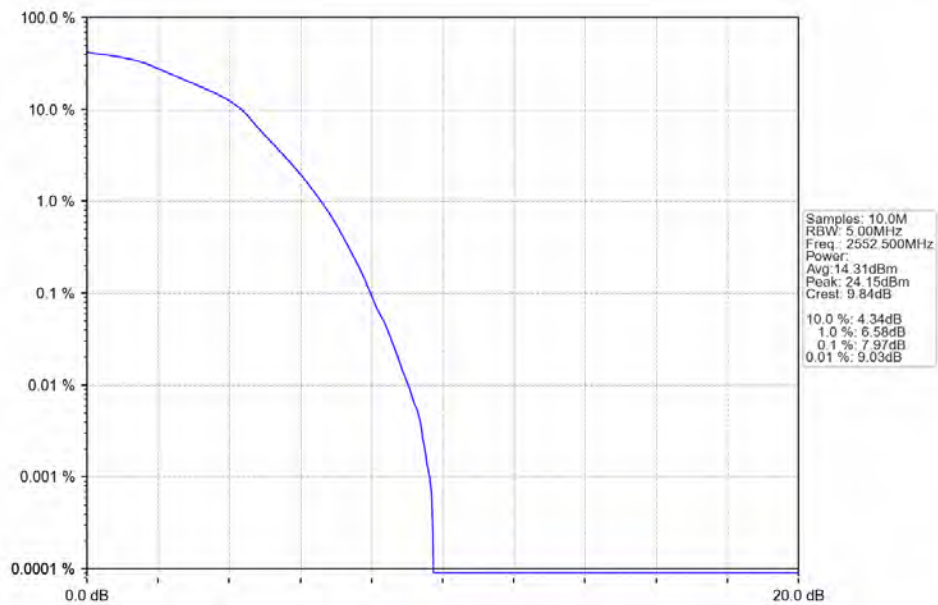
5.1.2 Test Graph



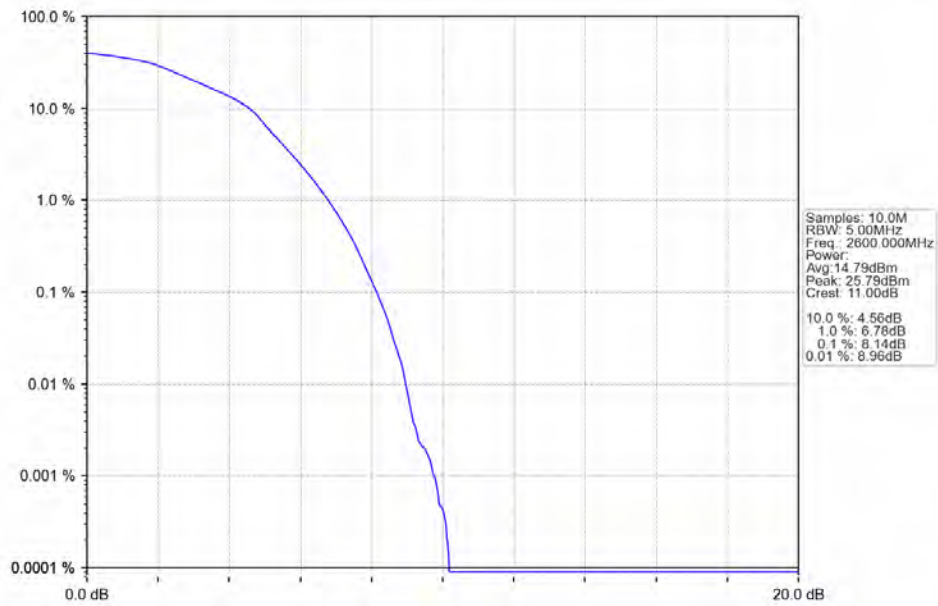
Band41 5MHz QPSK HCH 2647.5MHz RB 25 0 NTNV



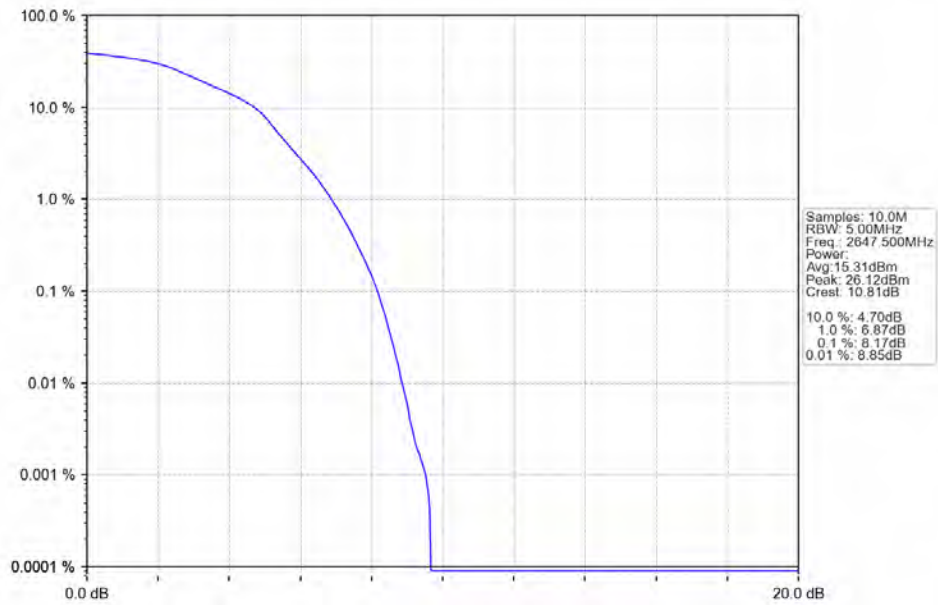
Band41 5MHz 16QAM LCH 2552.5MHz RB 25 0 NTNV



Band41 5MHz 16QAM MCH 2600MHz RB 25 0 NTNV



Band41 5MHz 16QAM HCH 2647.5MHz RB 25 0 NTNV

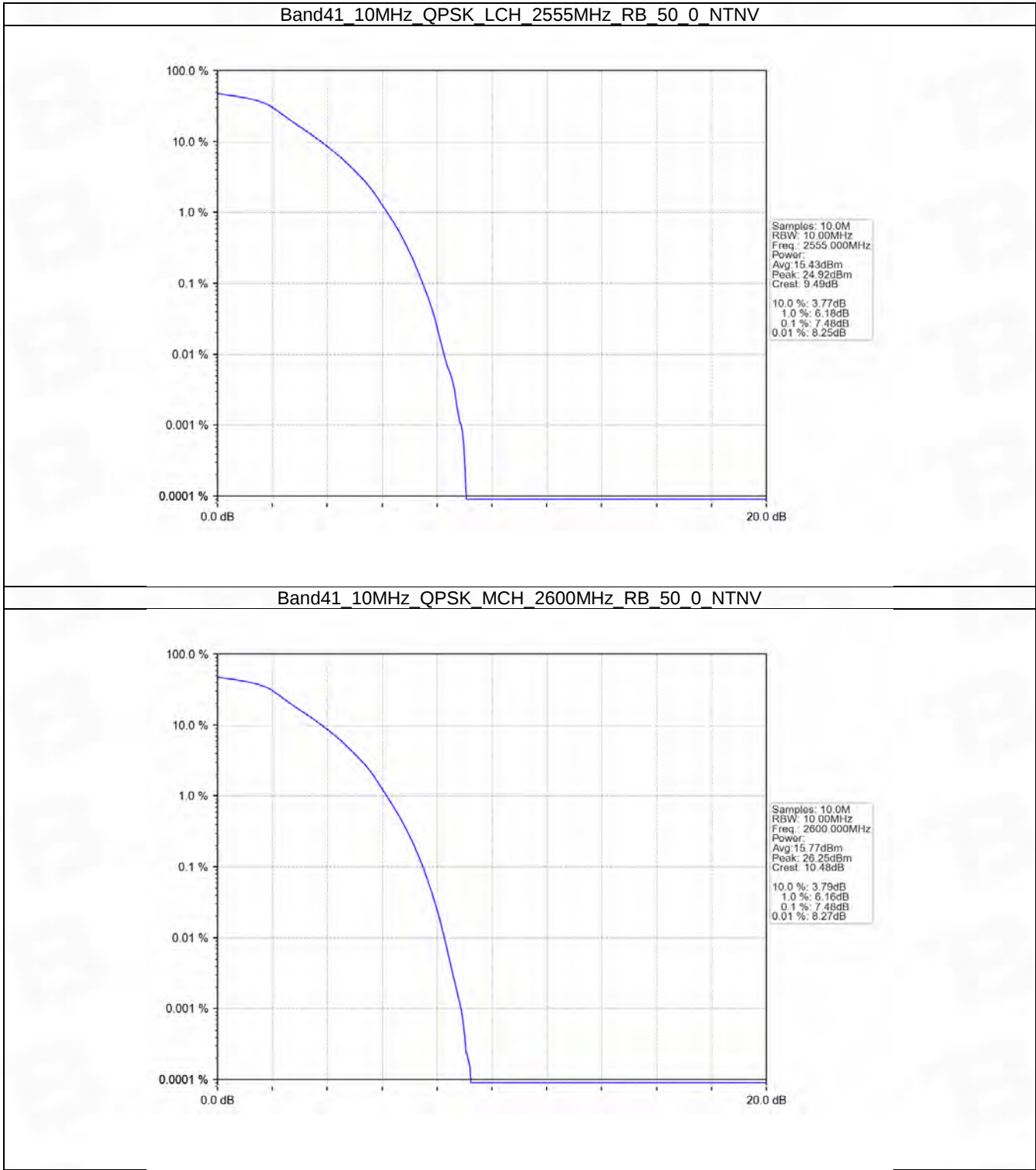


5.2 B41_10MHz

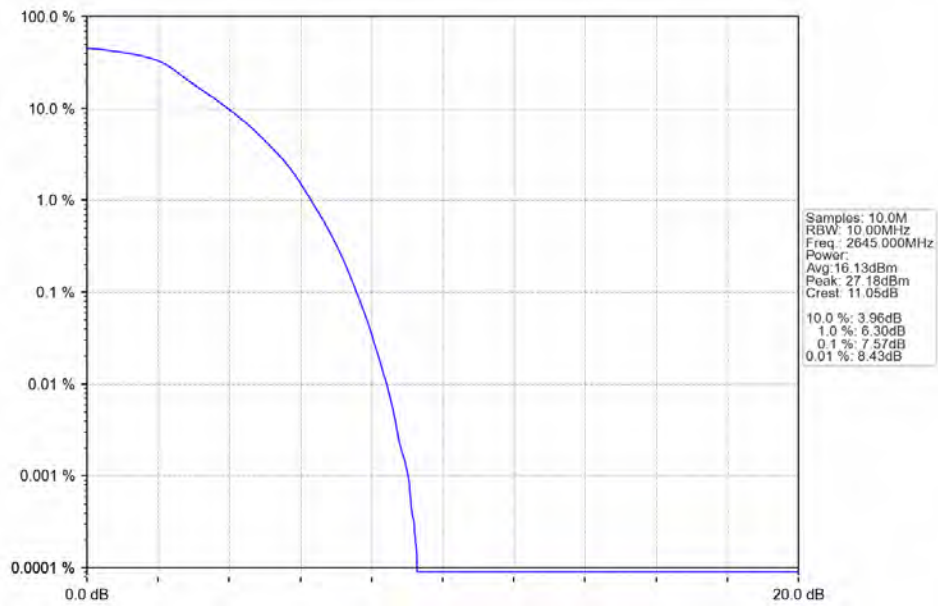
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2555	50	0	7.48	<=13	Pass
	2600	50	0	7.48	<=13	Pass
	2645	50	0	7.57	<=13	Pass
16QAM	2555	50	0	7.49	<=13	Pass
	2600	50	0	7.49	<=13	Pass
	2645	50	0	7.38	<=13	Pass

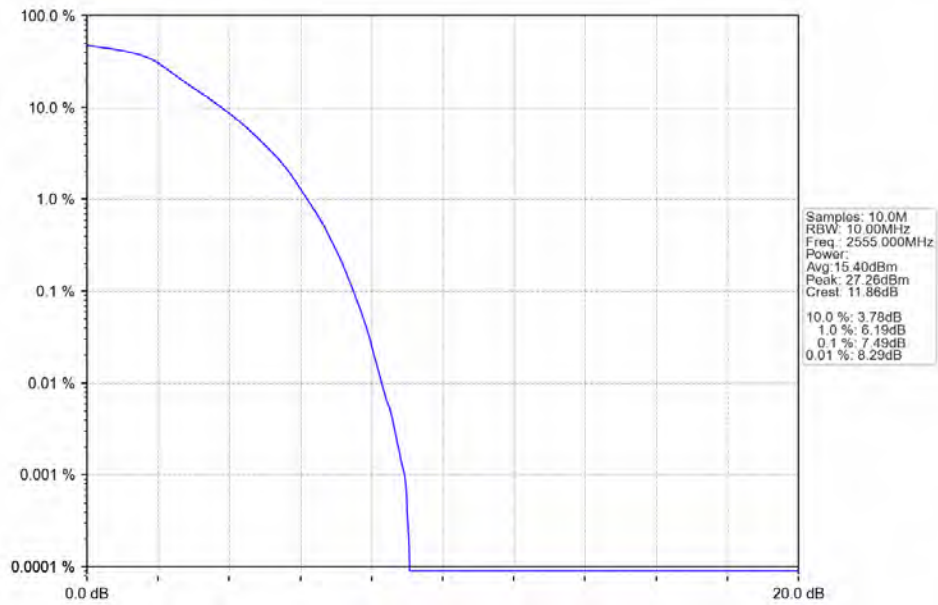
5.2.2 Test Graph



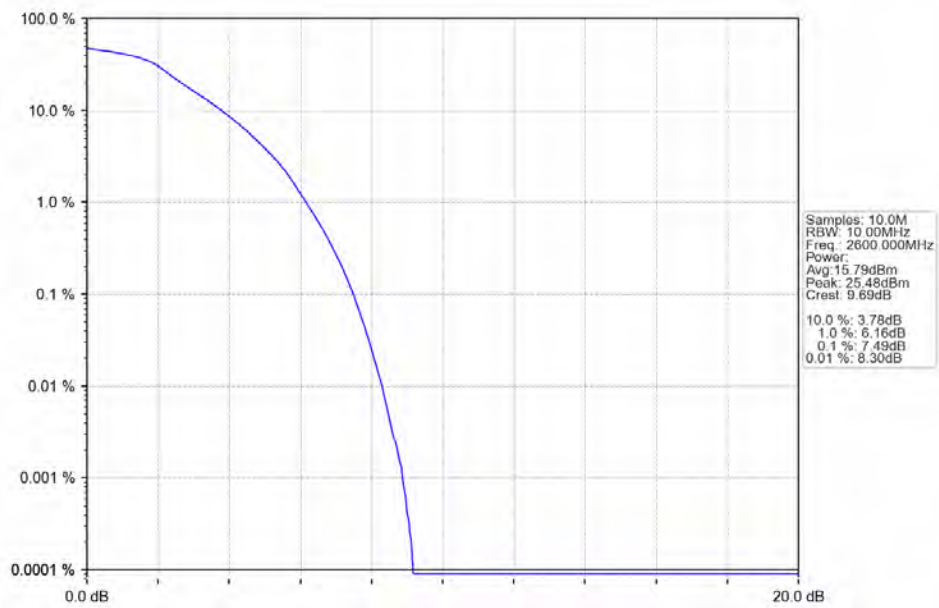
Band41 10MHz QPSK HCH 2645MHz RB 50 0 NTNV



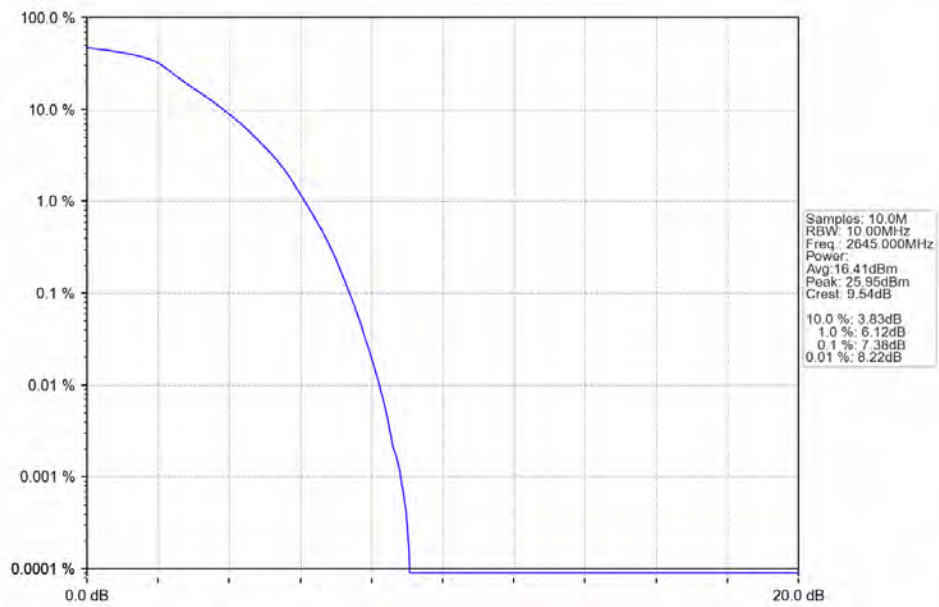
Band41 10MHz 16QAM LCH 2555MHz RB 50 0 NTNV



Band41 10MHz 16QAM MCH 2600MHz RB 50 0 NTNV



Band41 10MHz 16QAM HCH 2645MHz RB 50 0 NTNV

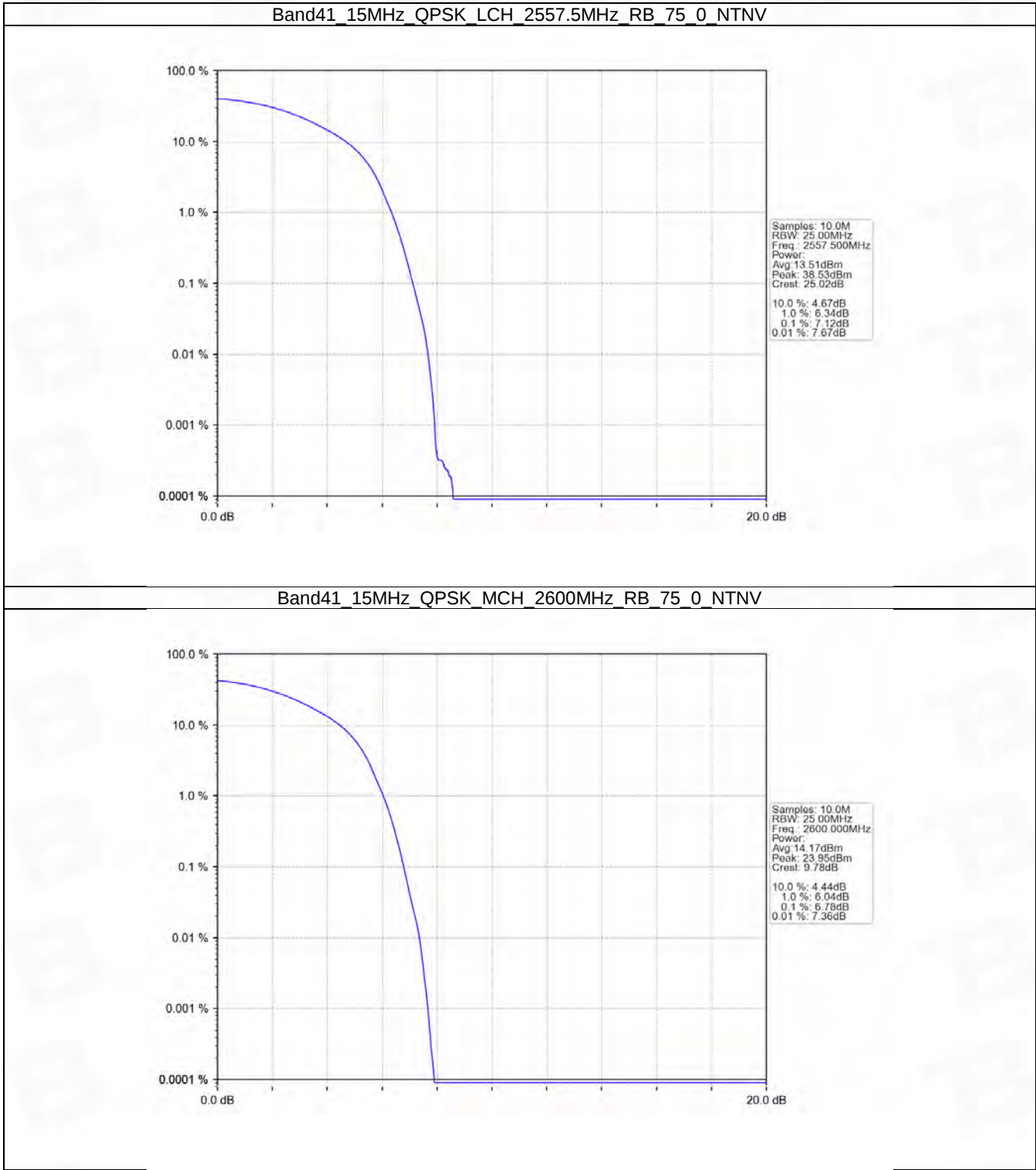


5.3 B41_15MHz

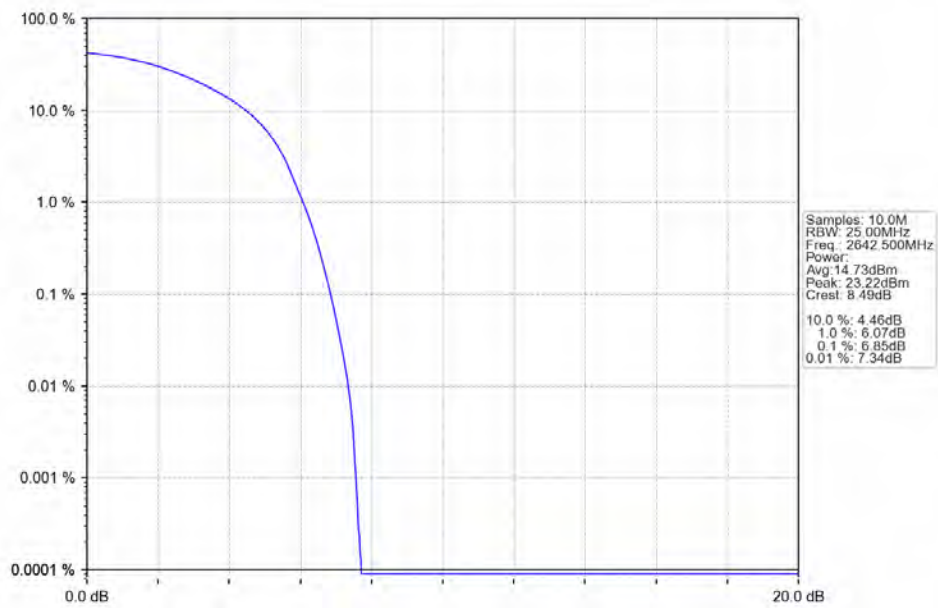
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	75	0	7.12	<=13	Pass
	2600	75	0	6.78	<=13	Pass
	2642.5	75	0	6.85	<=13	Pass
16QAM	2557.5	75	0	8.83	<=13	Pass
	2600	75	0	8.16	<=13	Pass
	2642.5	75	0	8.06	<=13	Pass

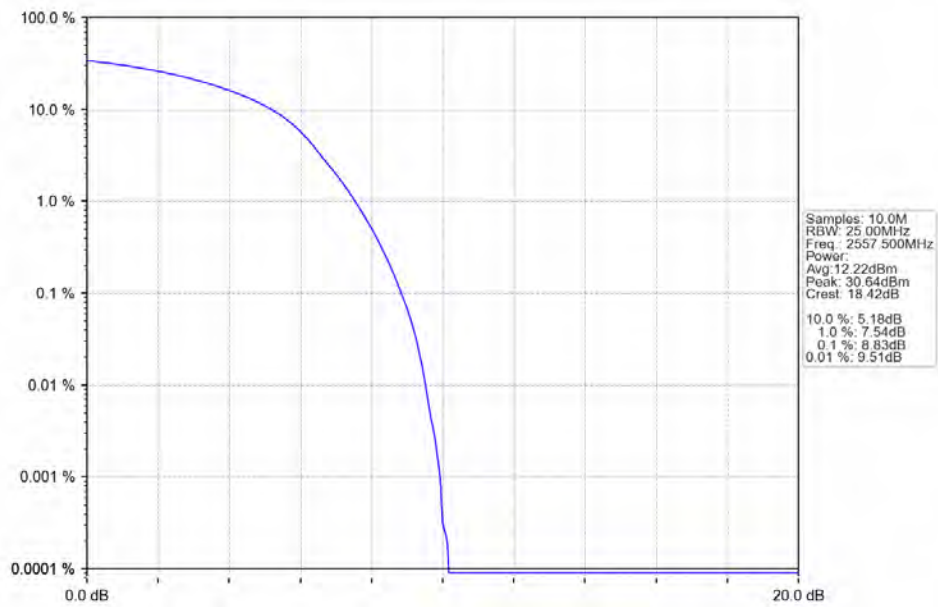
5.3.2 Test Graph



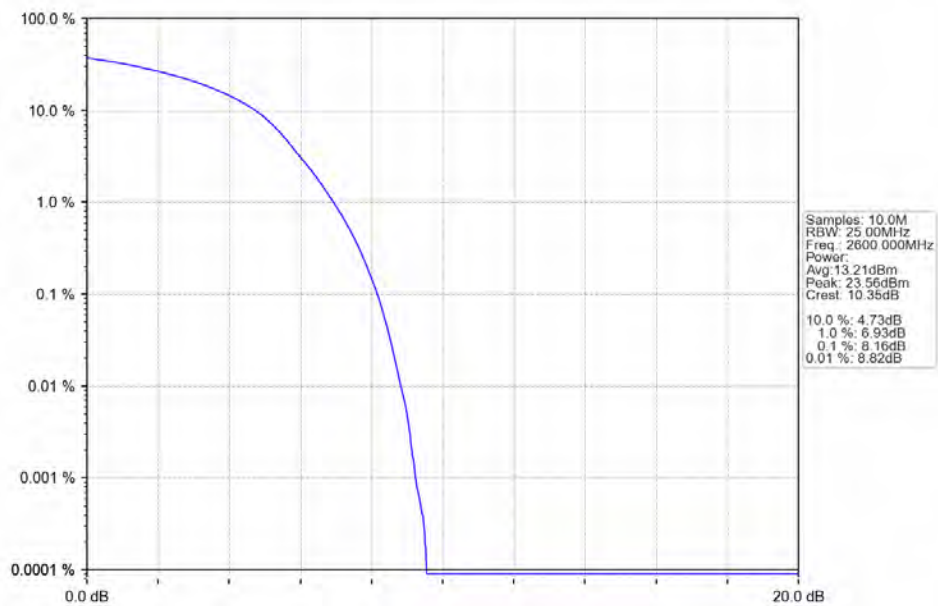
Band41 15MHz QPSK HCH 2642.5MHz RB 75 0 NTNV



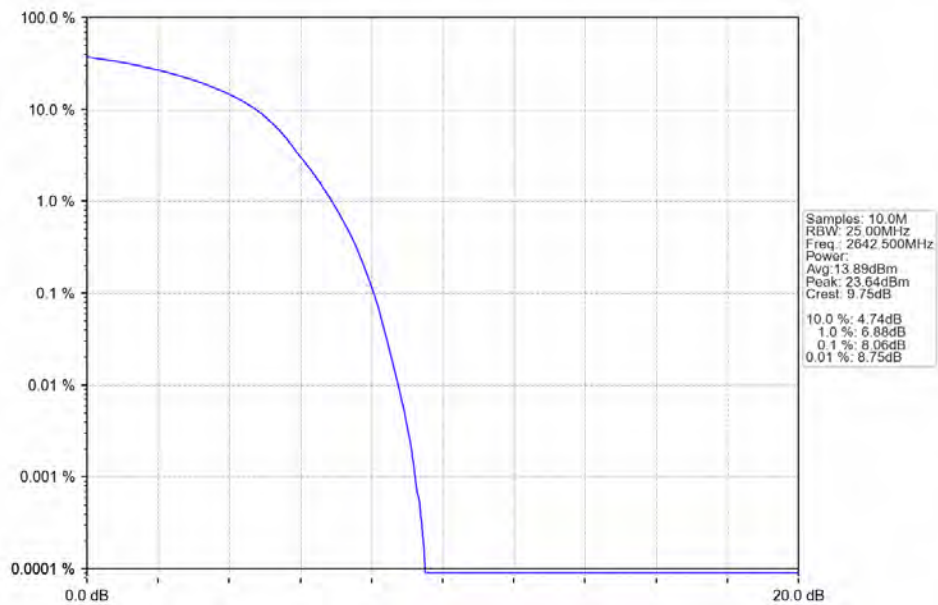
Band41 15MHz 16QAM LCH 2557.5MHz RB 75 0 NTNV



Band41 15MHz 16QAM MCH 2600MHz RB 75 0 NTNV



Band41 15MHz 16QAM HCH 2642.5MHz RB 75 0 NTNV

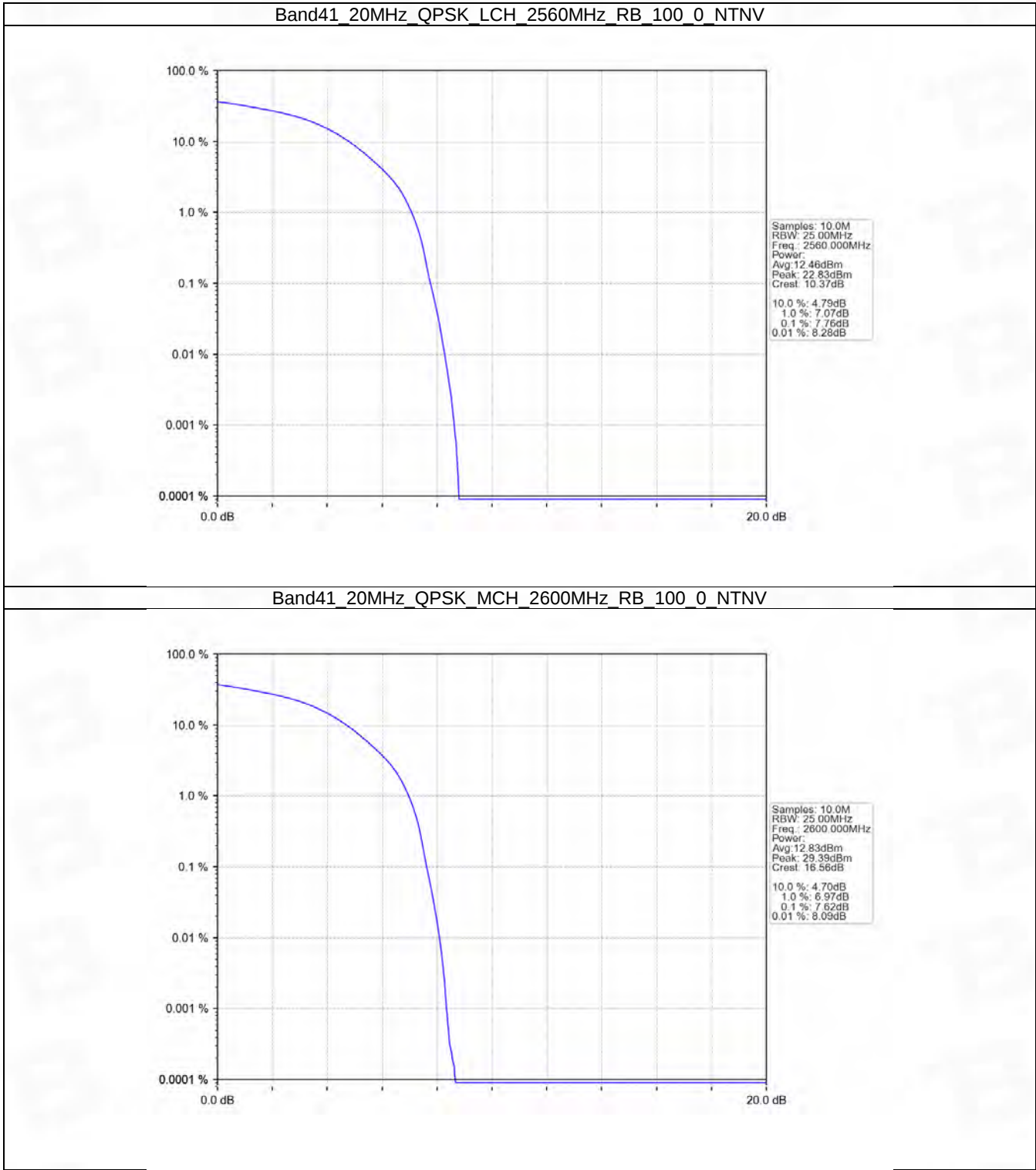


5.4 B41_20MHz

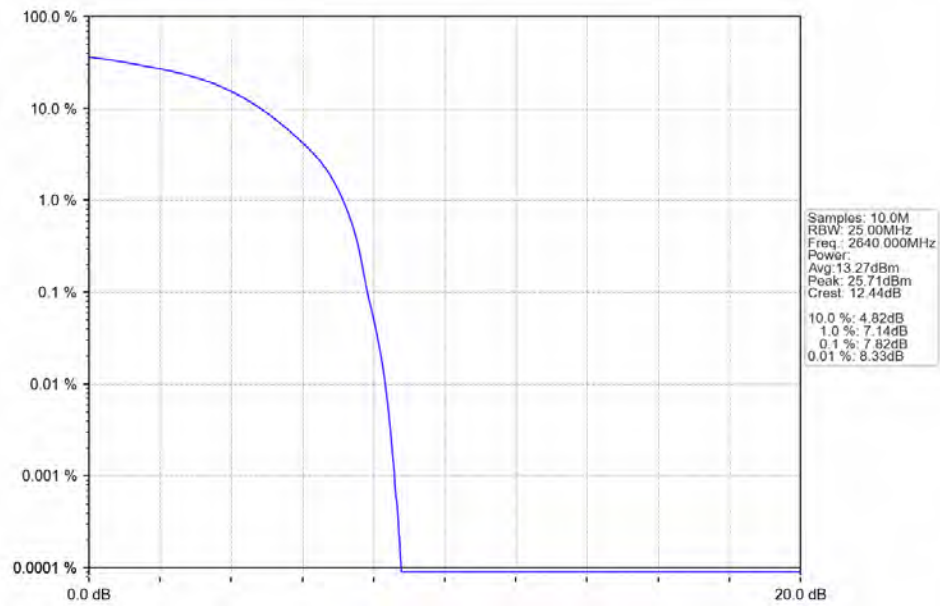
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	100	0	7.76	<=13	Pass
	2600	100	0	7.62	<=13	Pass
	2640	100	0	7.82	<=13	Pass
16QAM	2560	100	0	7.79	<=13	Pass
	2600	100	0	7.94	<=13	Pass
	2640	100	0	7.84	<=13	Pass

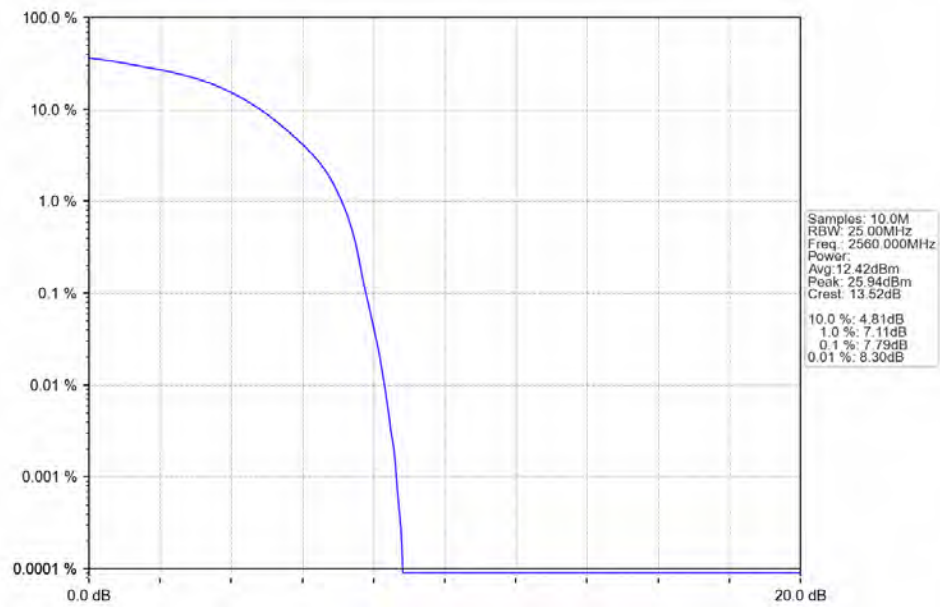
5.4.2 Test Graph



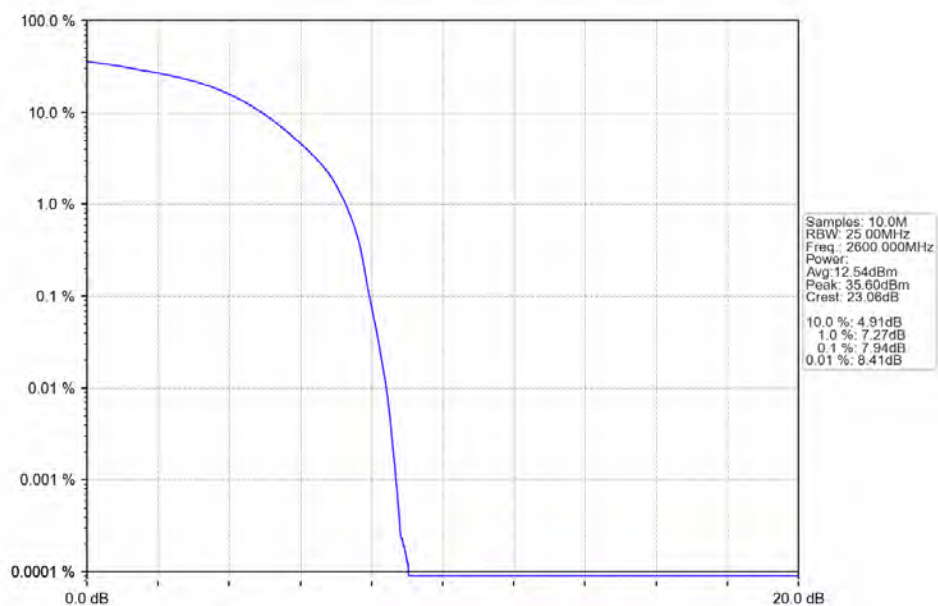
Band41 20MHz QPSK HCH 2640MHz RB 100 0 NTNV



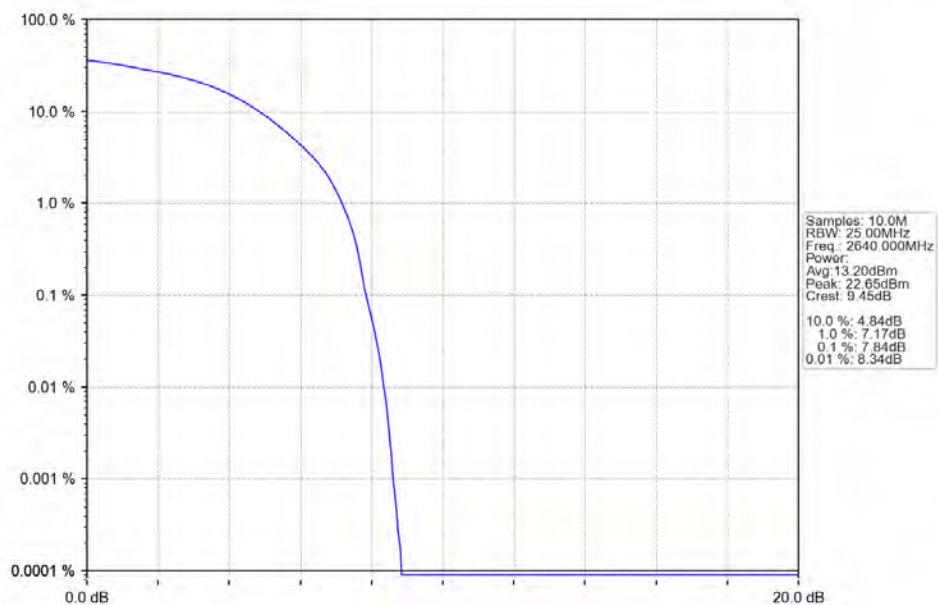
Band41 20MHz 16QAM LCH 2560MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2600MHz RB 100 0 NTN



Band41 20MHz 16QAM HCH 2640MHz RB 100 0 NTN



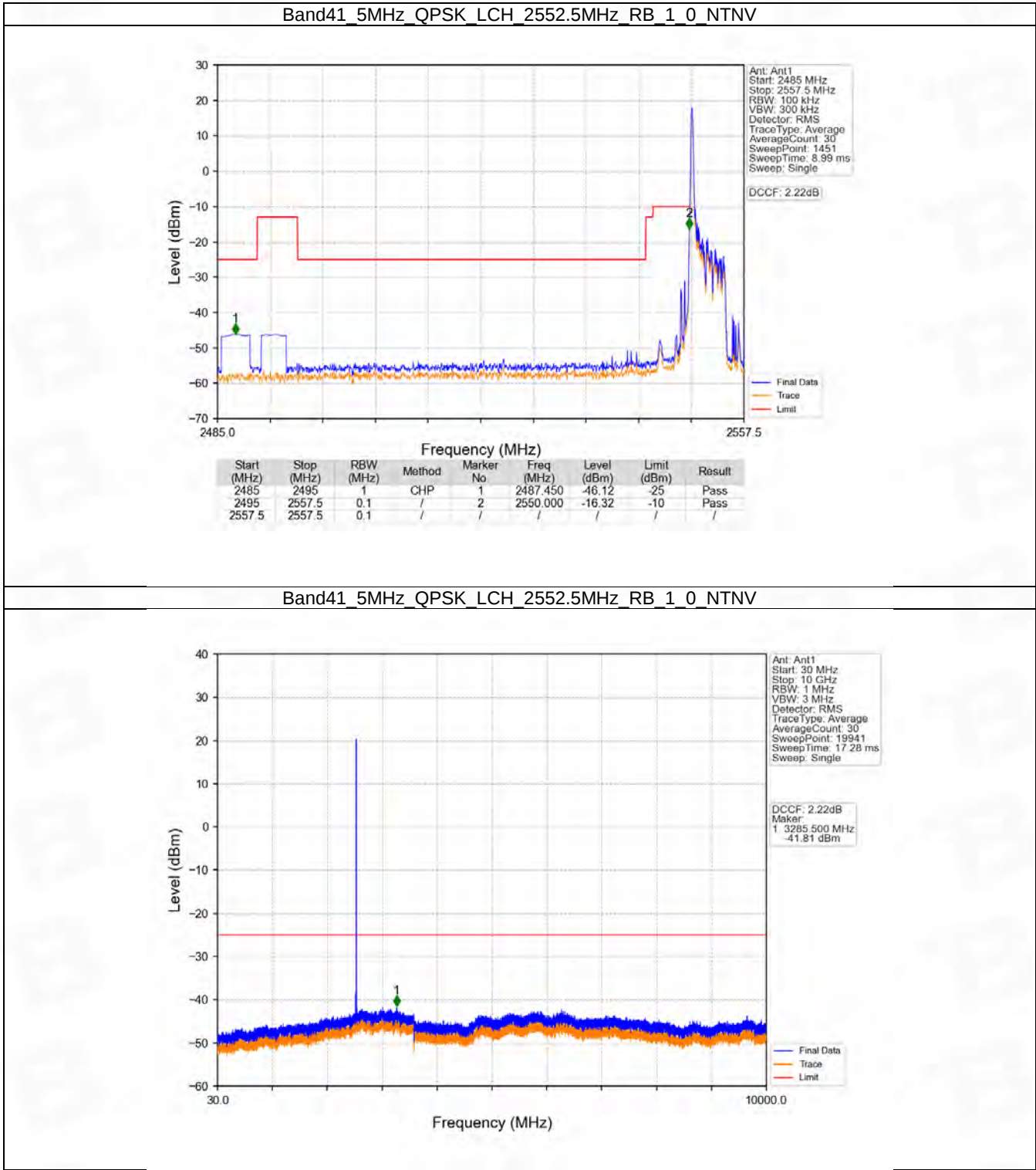
6. Spurious Emission

6.1 B41_5MHz

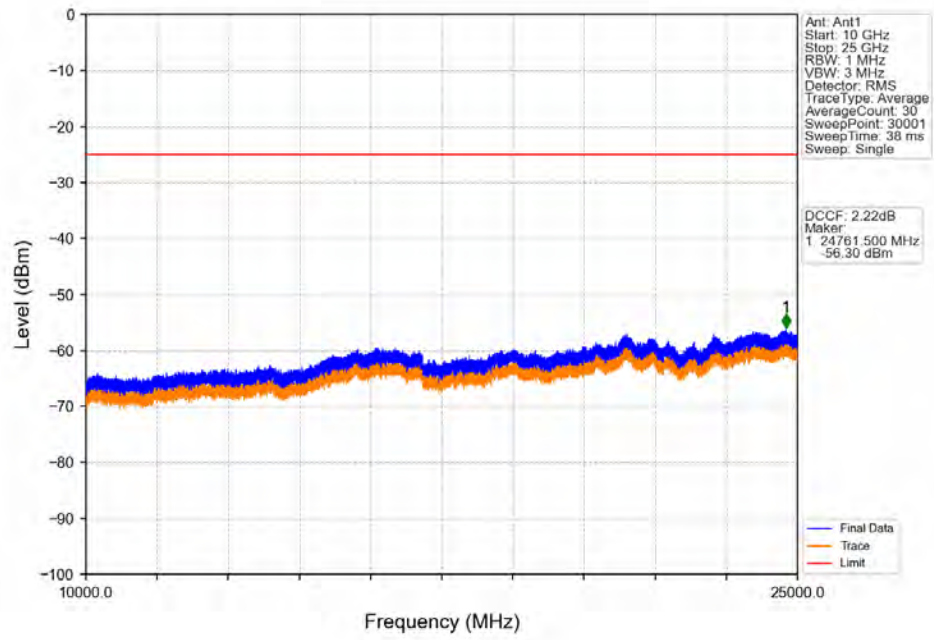
6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2552.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2600	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	2552.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2600	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

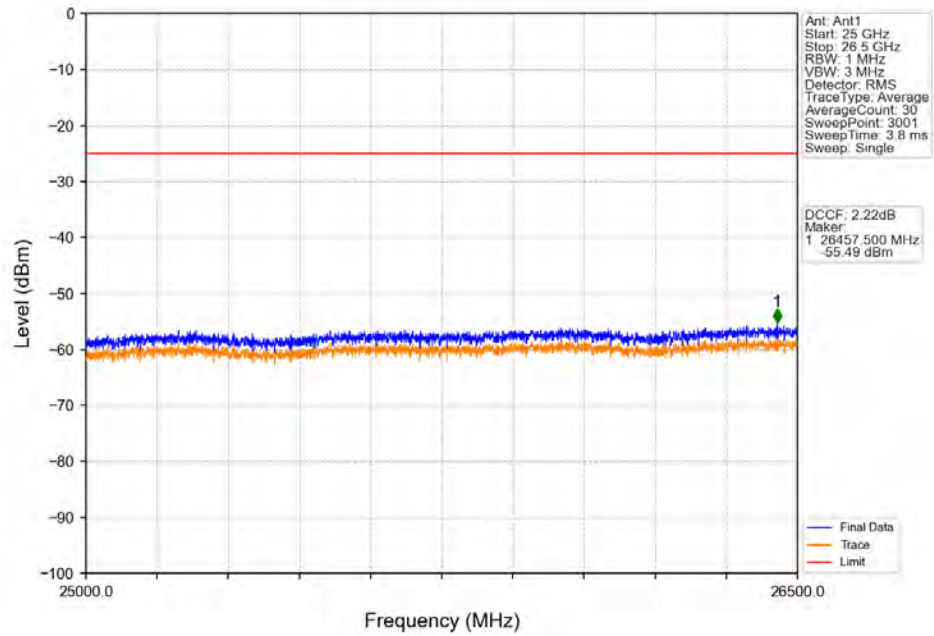
6.1.2 Test Graph



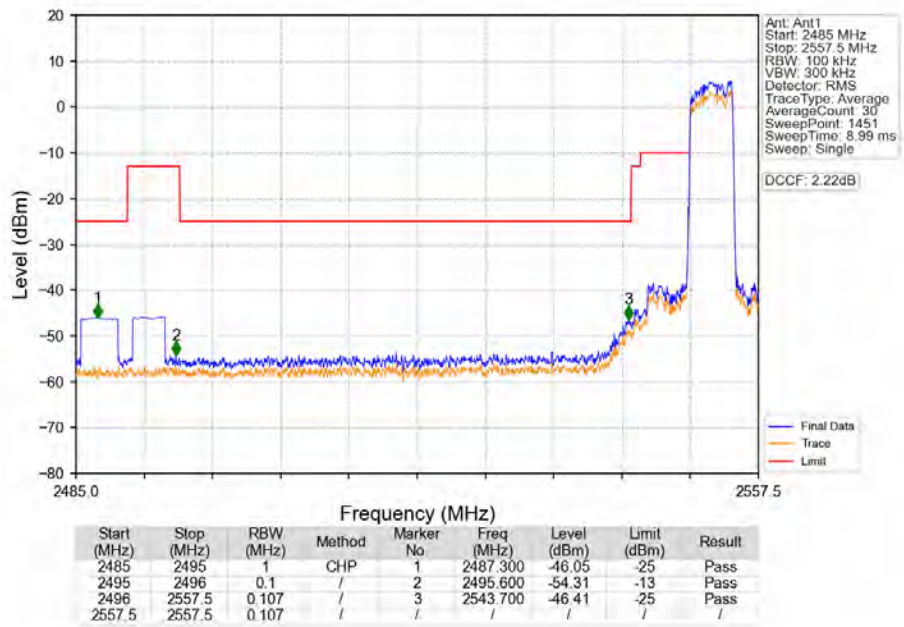
Band41 5MHz QPSK LCH 2552.5MHz RB 1 0 NTNV



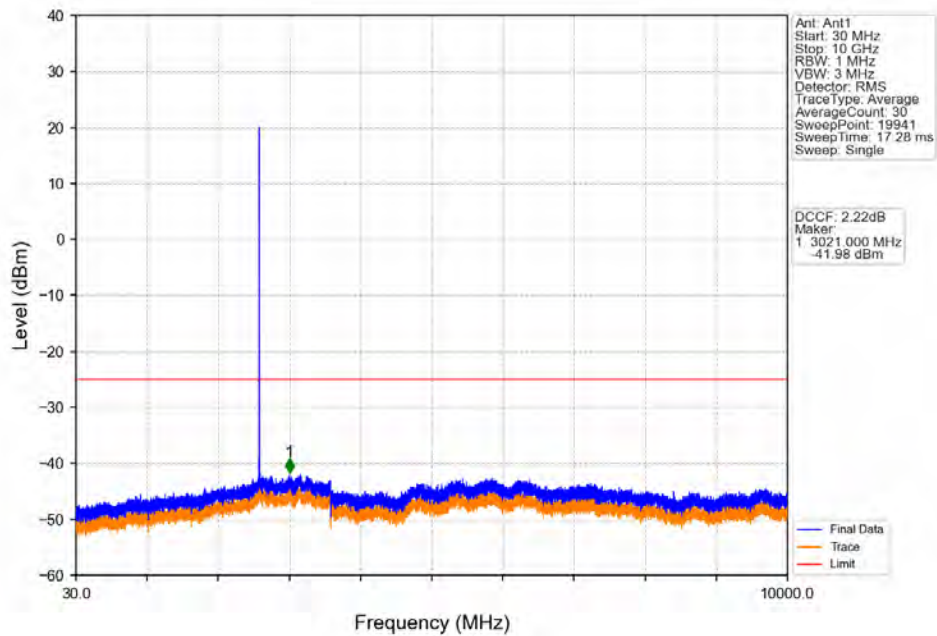
Band41 5MHz QPSK LCH 2552.5MHz RB 1 0 NTNV



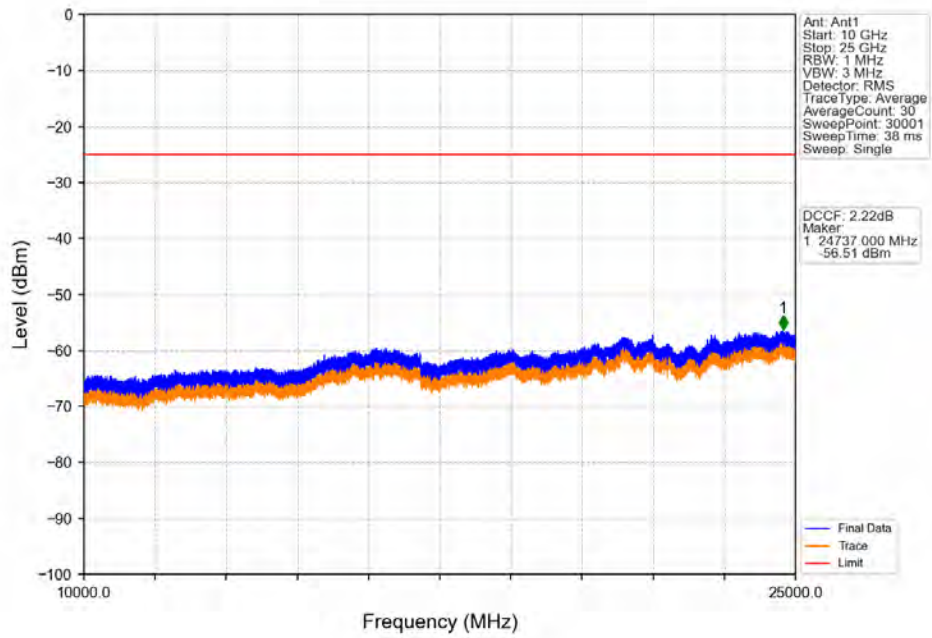
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_25_0_NTNV



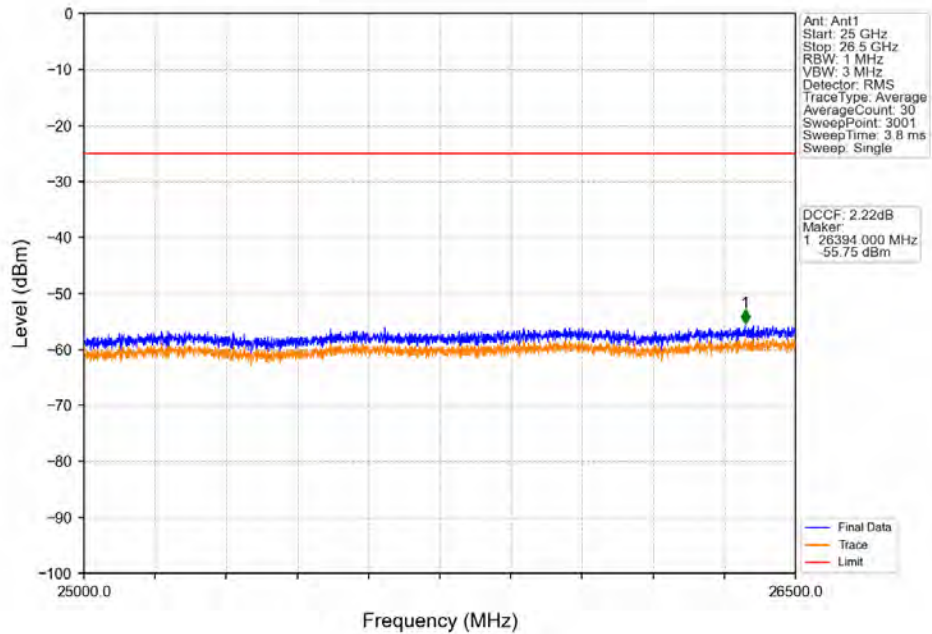
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



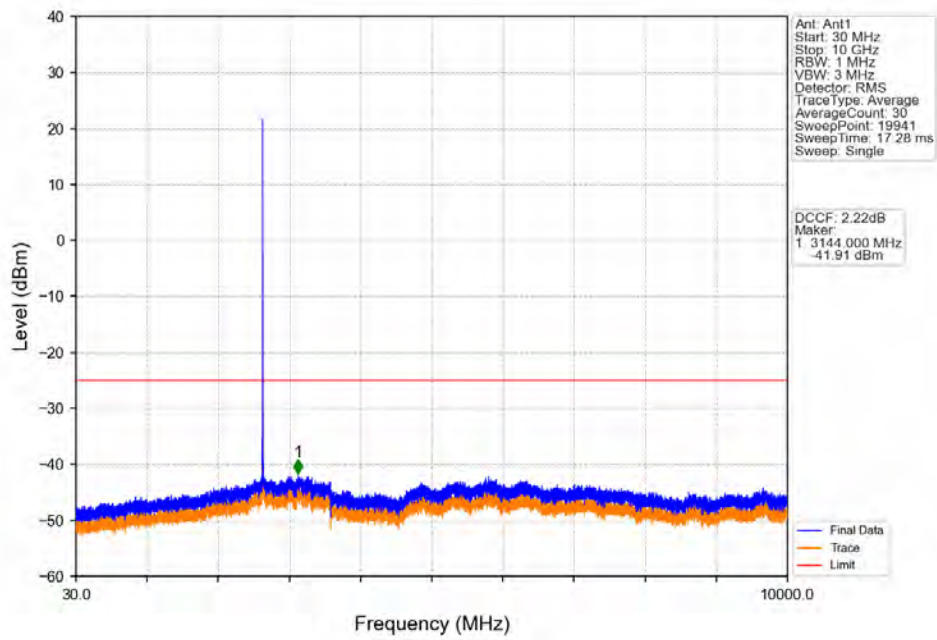
Band41 5MHz QPSK MCH 2600MHz RB 1 0 NTNV



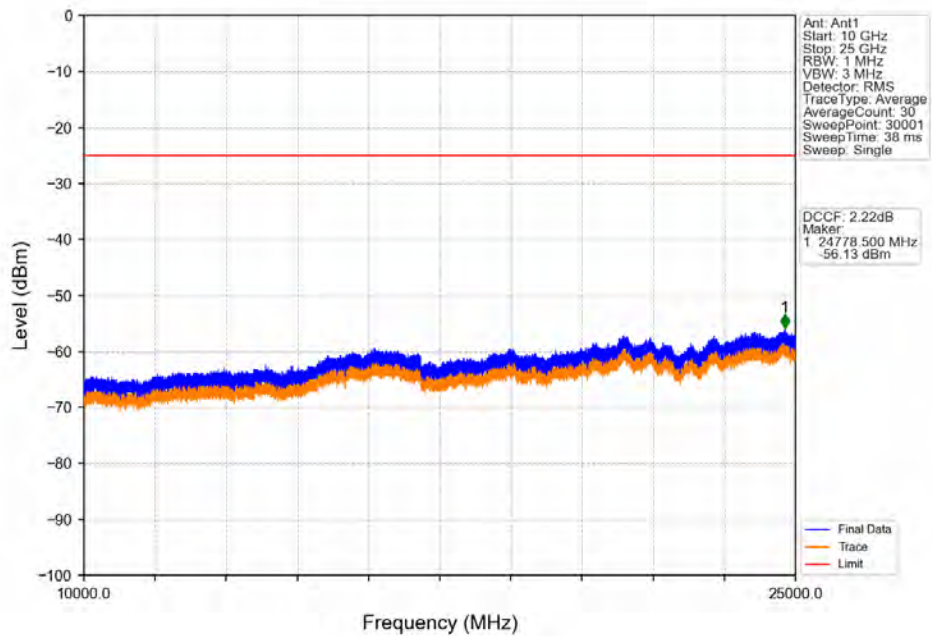
Band41 5MHz QPSK MCH 2600MHz RB 1 0 NTNV



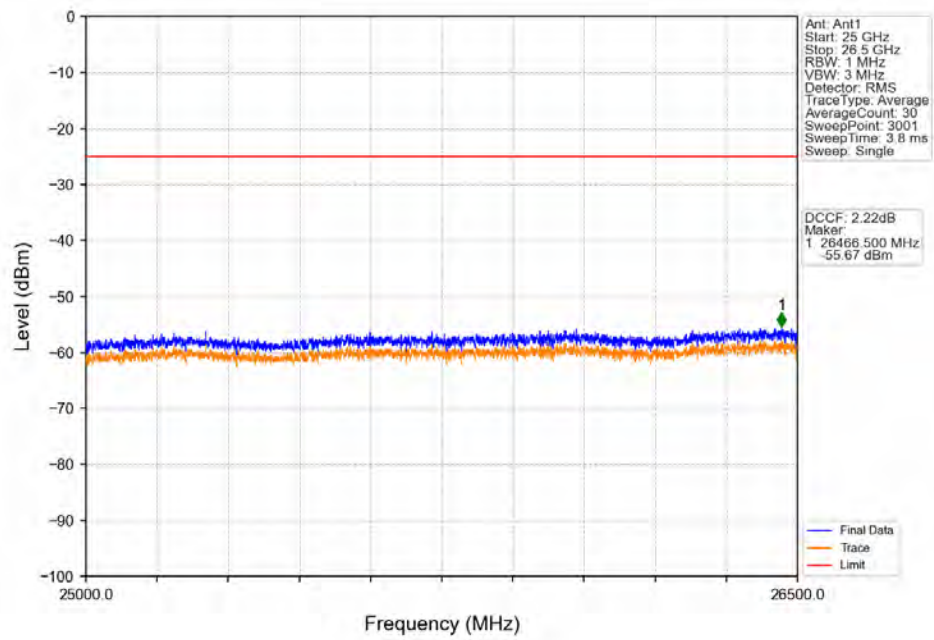
Band41 5MHz QPSK HCH 2647.5MHz RB 1 0 NTV



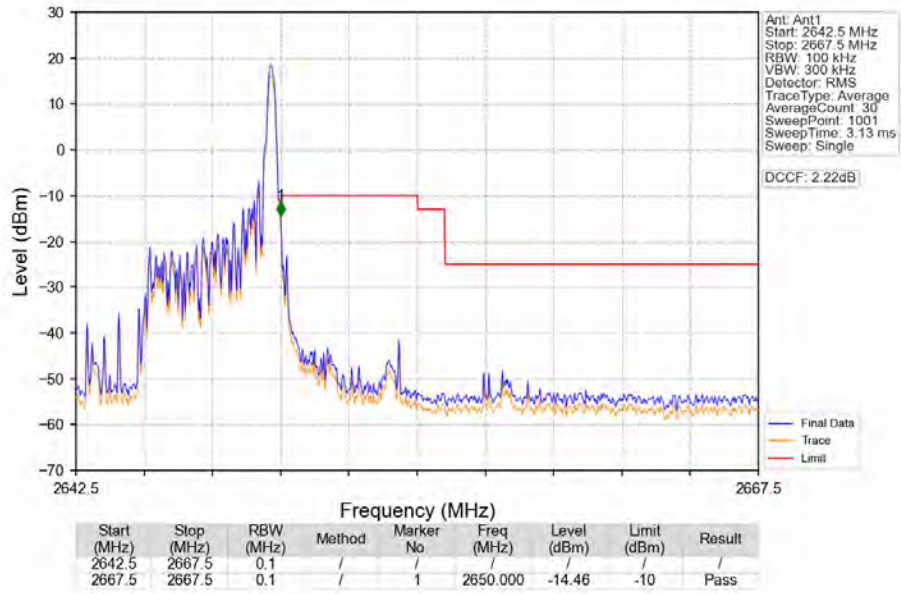
Band41 5MHz QPSK HCH 2647.5MHz RB 1 0 NTV



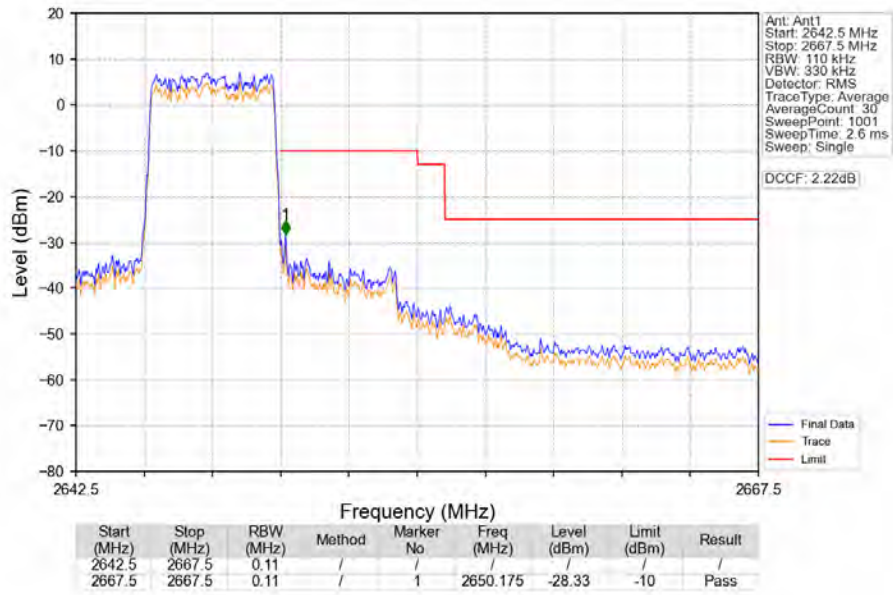
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



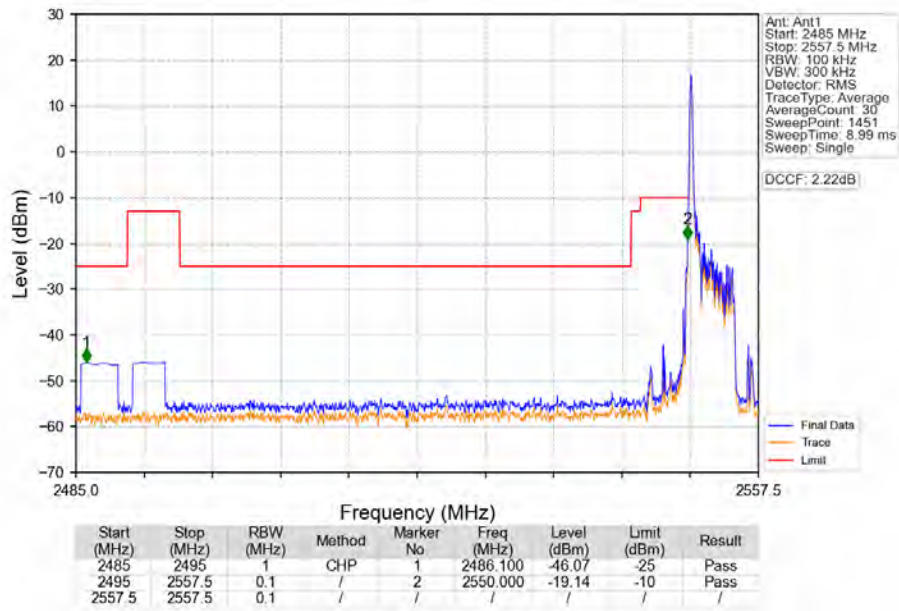
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_24_NTNV



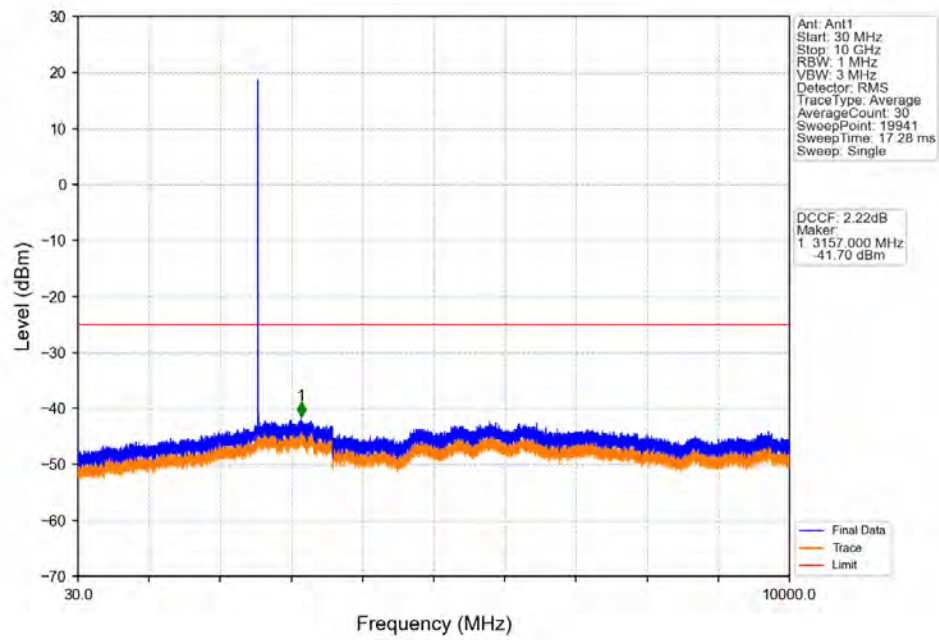
Band41 5MHz QPSK HCH 2647.5MHz RB 25 0 NTV



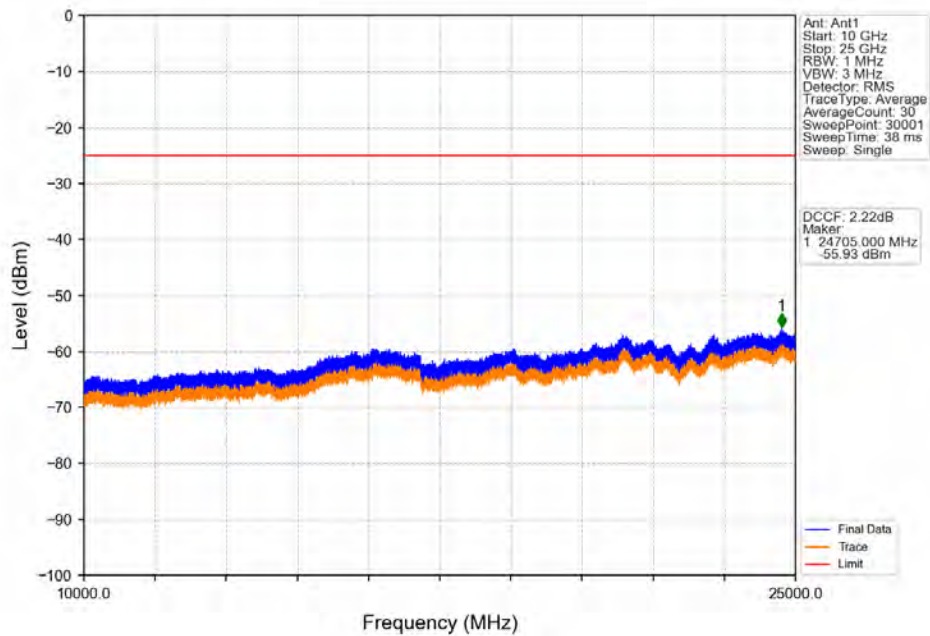
Band41 5MHz 16QAM LCH 2552.5MHz RB 1 0 NTV



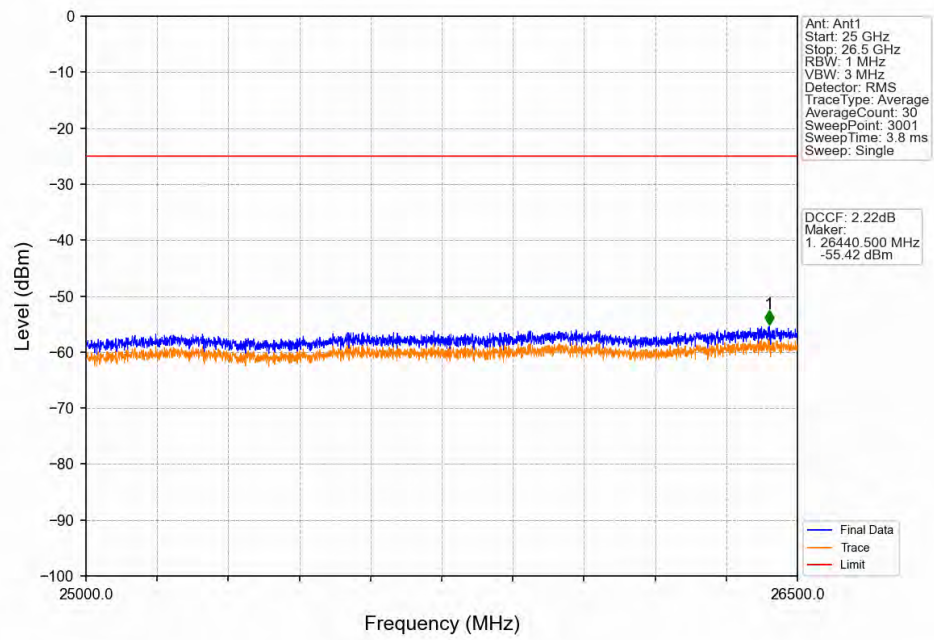
Band41 5MHz 16QAM LCH 2552.5MHz RB 1 0 NTV



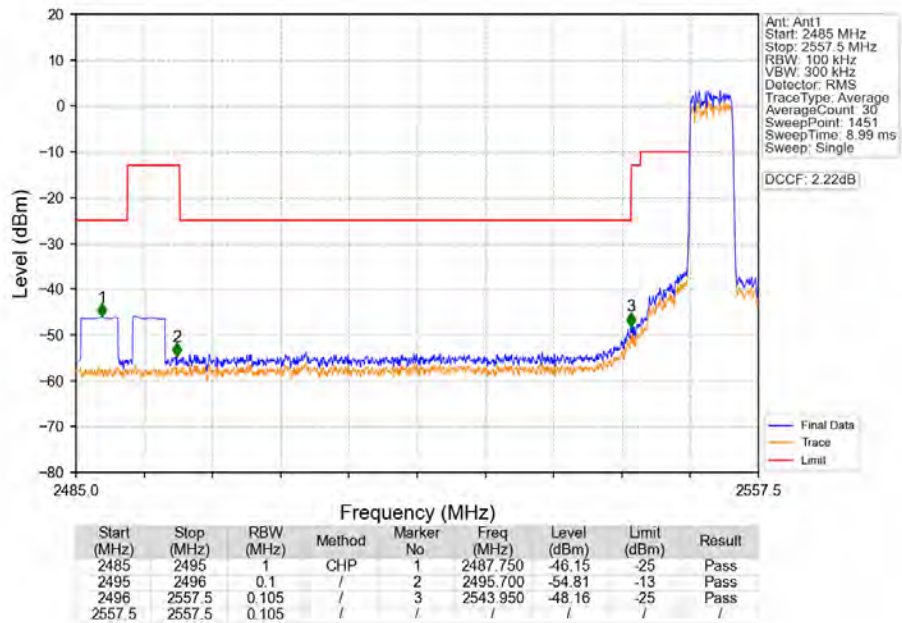
Band41 5MHz 16QAM LCH 2552.5MHz RB 1 0 NTV



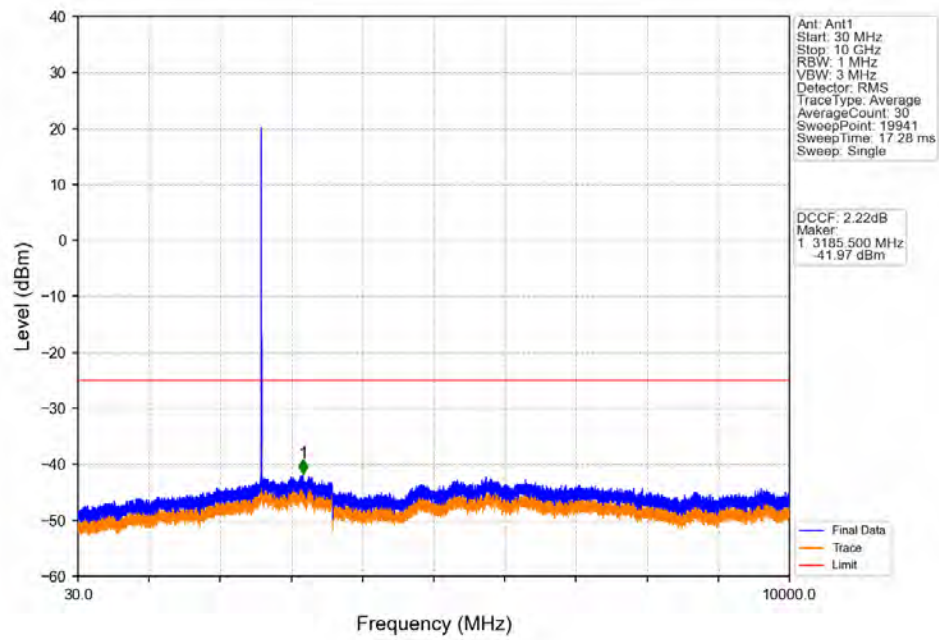
Band41 5MHz 16QAM LCH 2552.5MHz RB 1 0 NTV



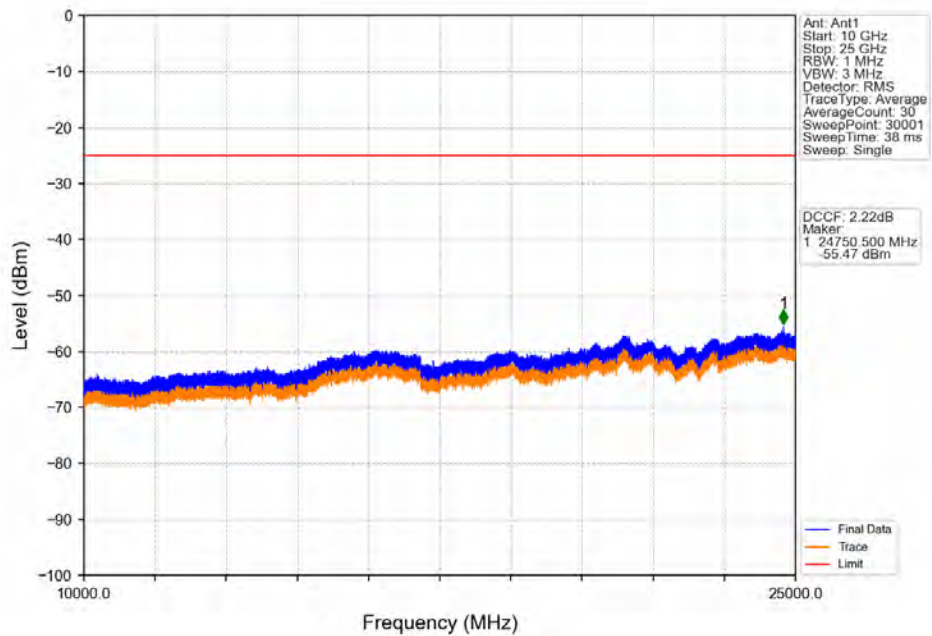
Band41 5MHz 16QAM LCH 2552.5MHz RB 25 0 NTV



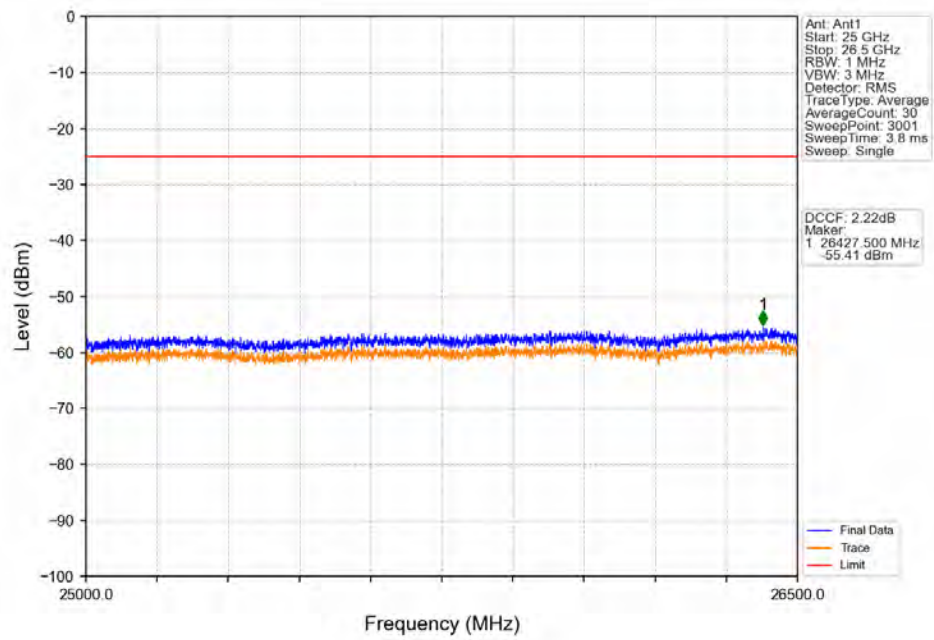
Band41 5MHz 16QAM MCH 2600MHz RB 1 0 NTNV



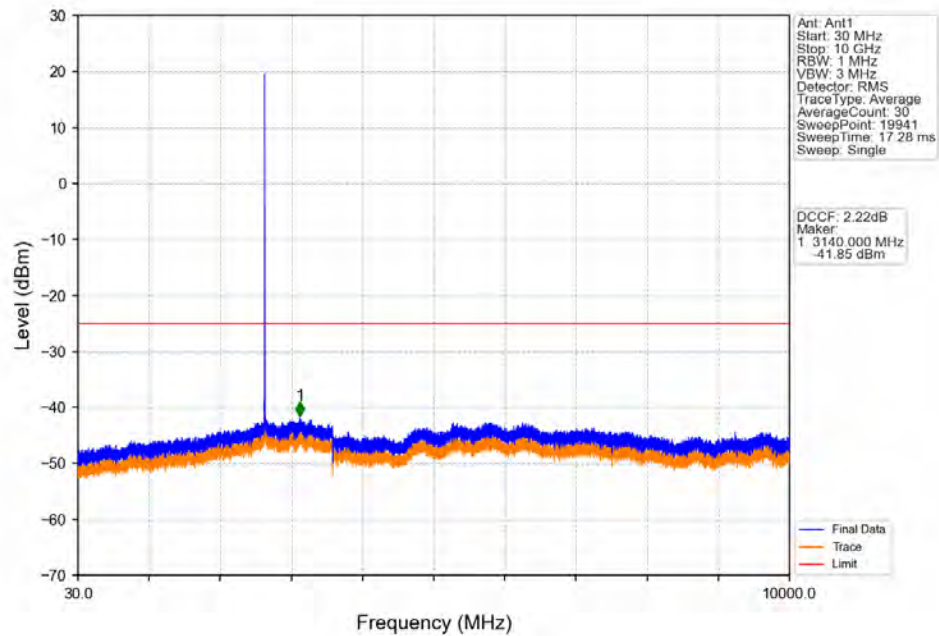
Band41 5MHz 16QAM MCH 2600MHz RB 1 0 NTNV



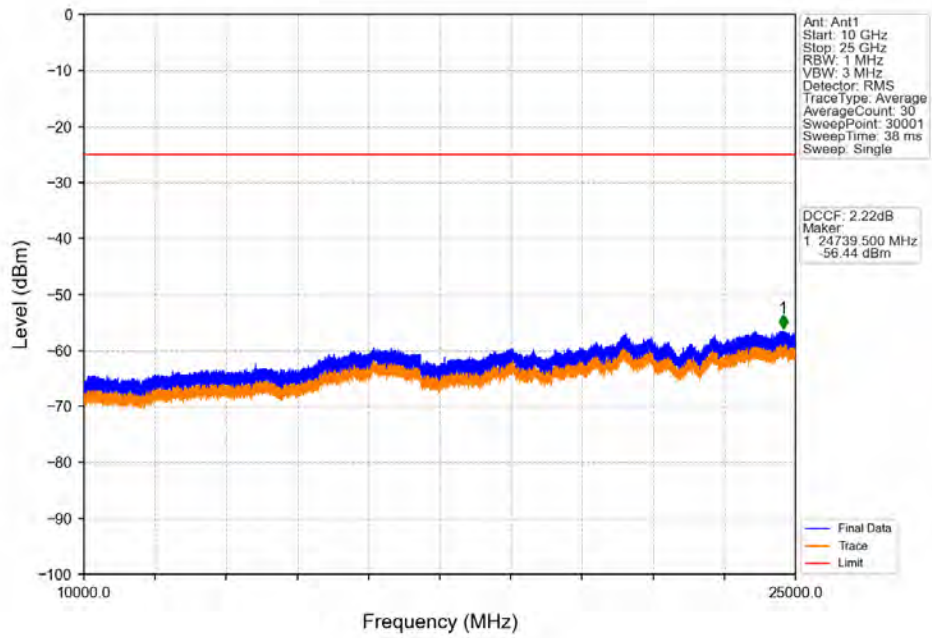
Band41 5MHz 16QAM MCH 2600MHz RB 1 0 NTNV



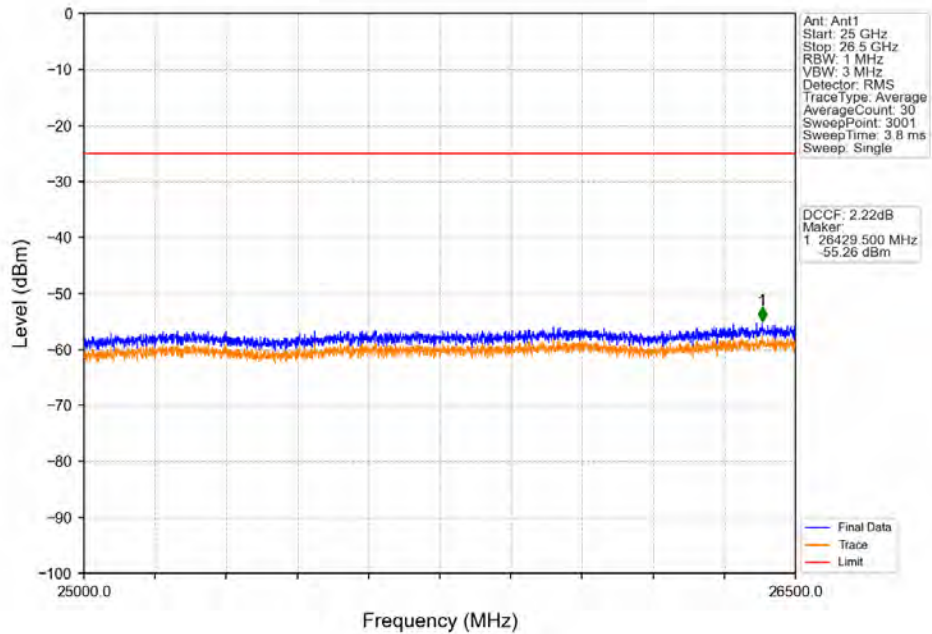
Band41 5MHz 16QAM HCH 2647.5MHz RB 1 0 NTNV



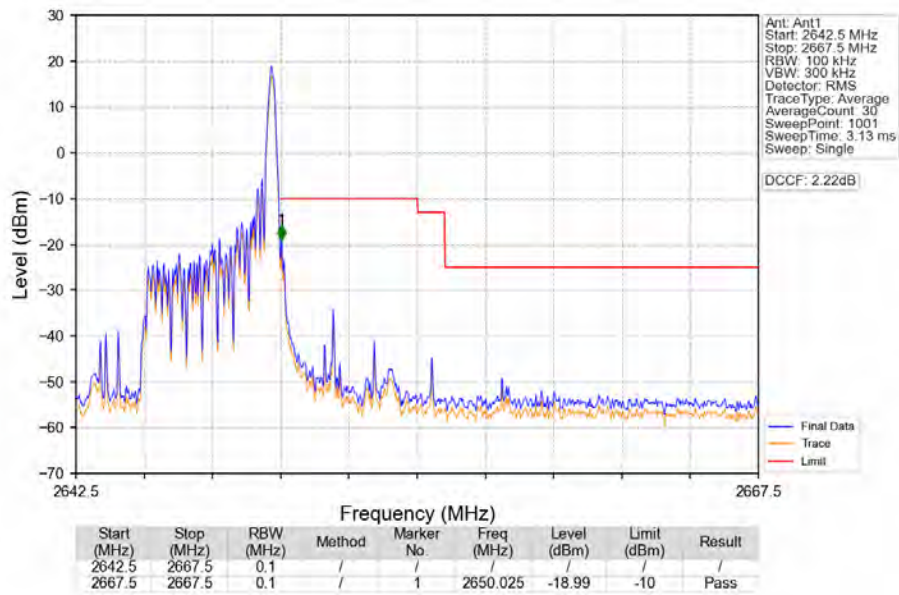
Band41 5MHz 16QAM HCH 2647.5MHz RB 1 0 NTVN



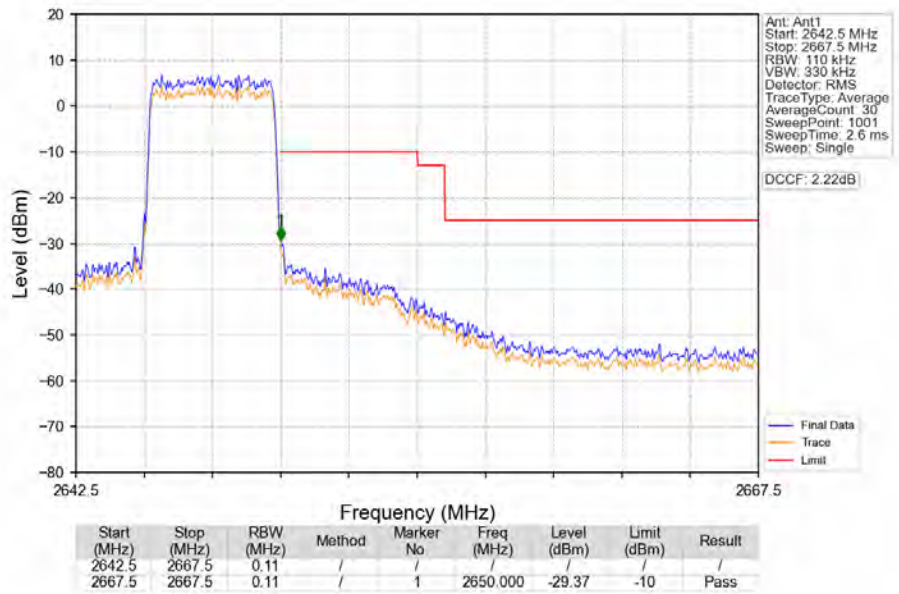
Band41 5MHz 16QAM HCH 2647.5MHz RB 1 0 NTVN



Band41 5MHz 16QAM HCH 2647.5MHz RB 1 24 NTN



Band41 5MHz 16QAM HCH 2647.5MHz RB 25 0 NTN

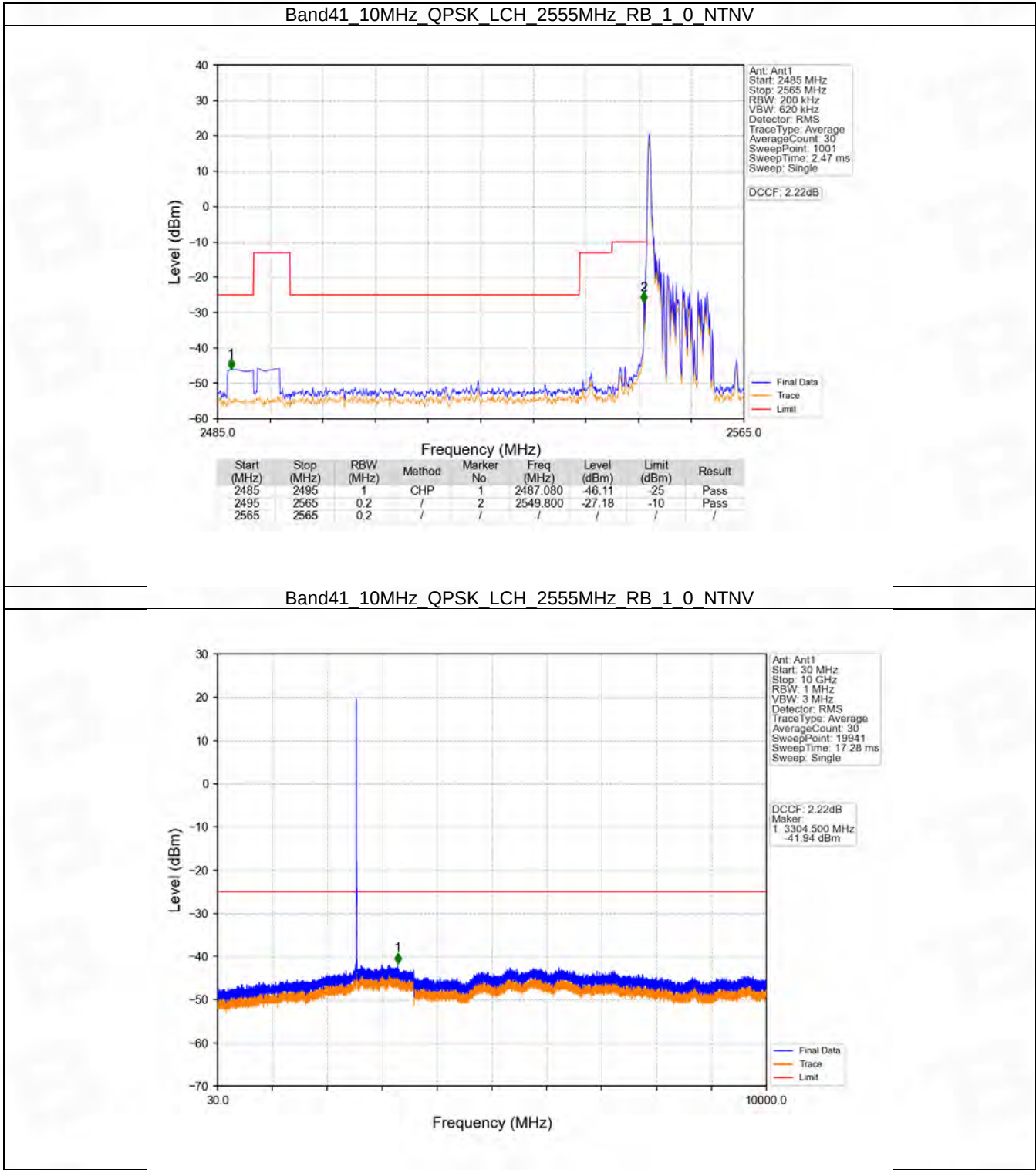


6.2 B41_10MHz

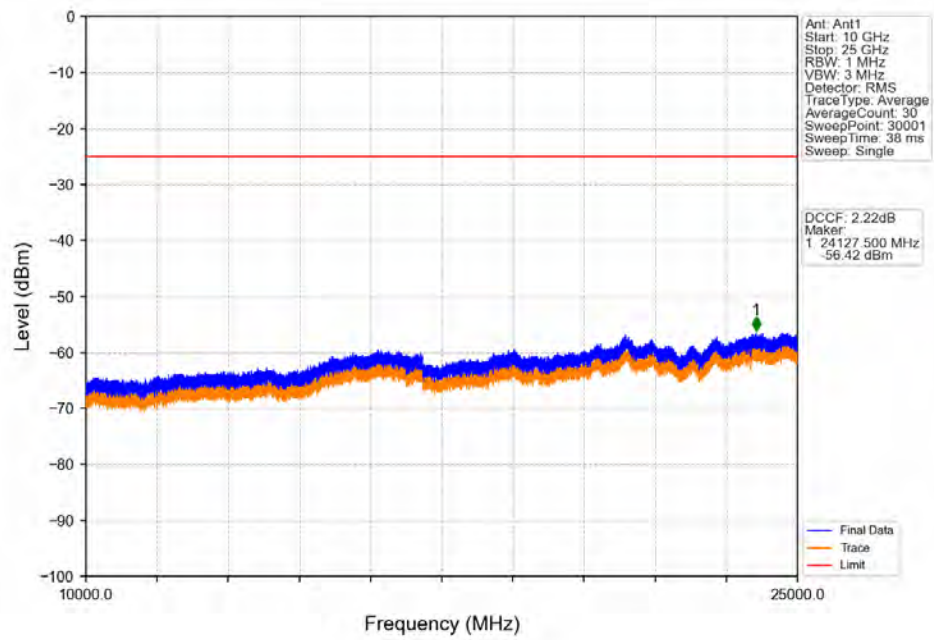
6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

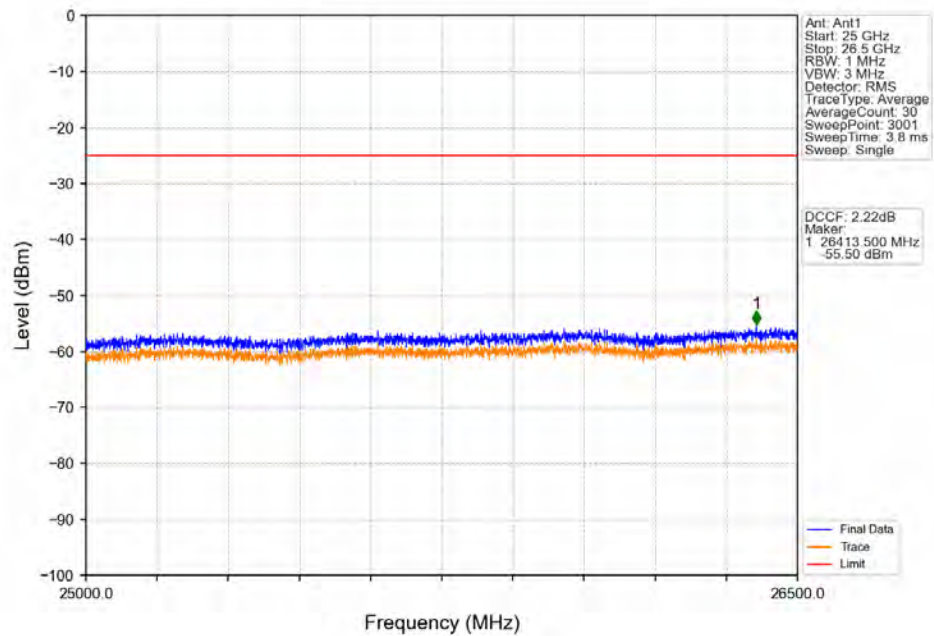
6.2.2 Test Graph



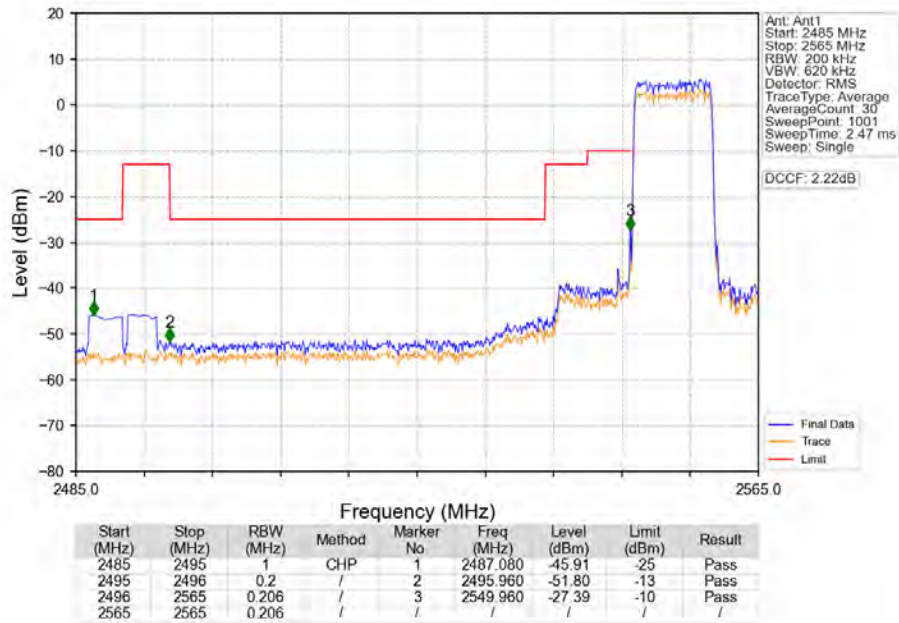
Band41 10MHz QPSK LCH 2555MHz RB 1 0 NTNV



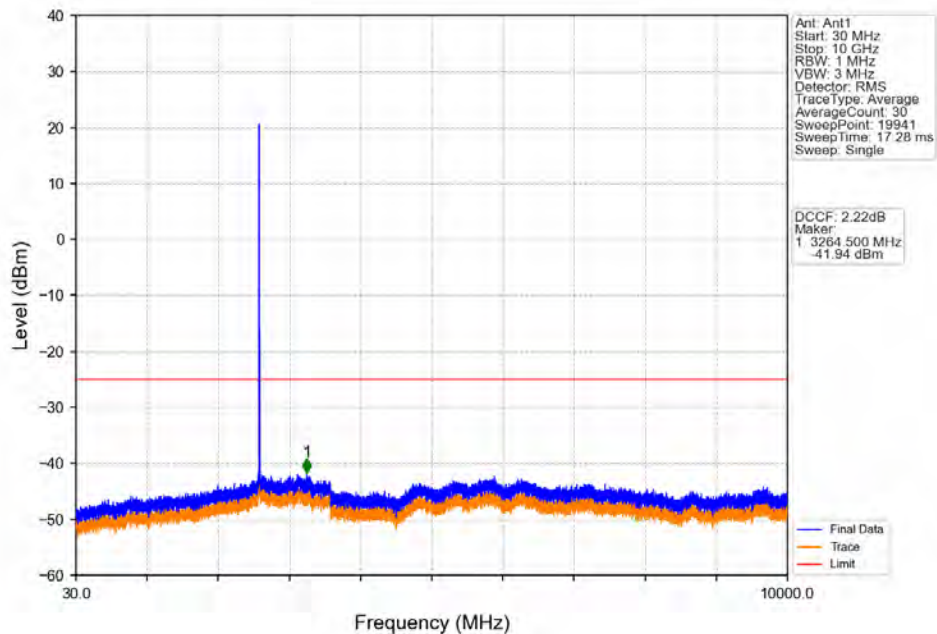
Band41 10MHz QPSK LCH 2555MHz RB 1 0 NTNV



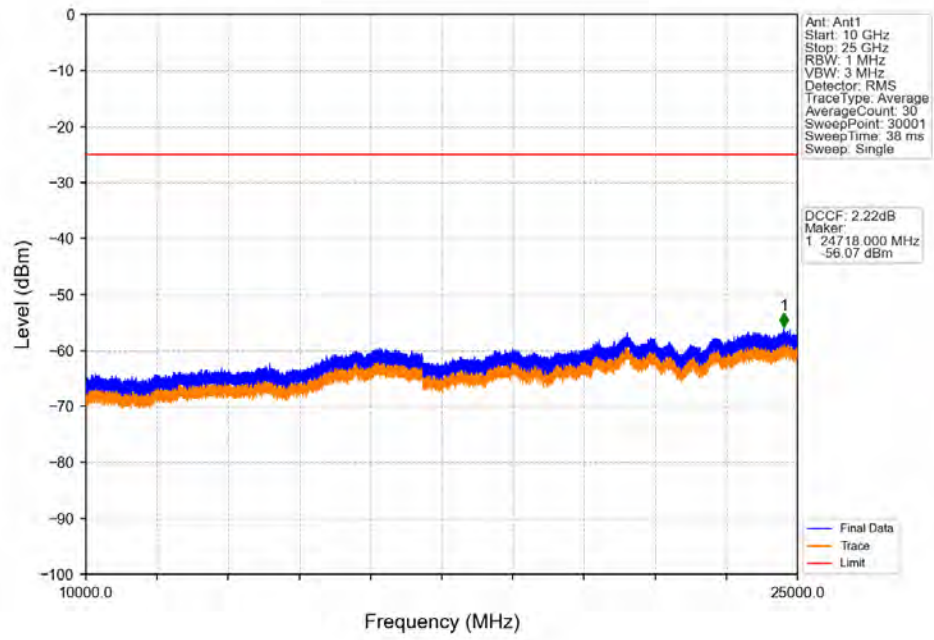
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



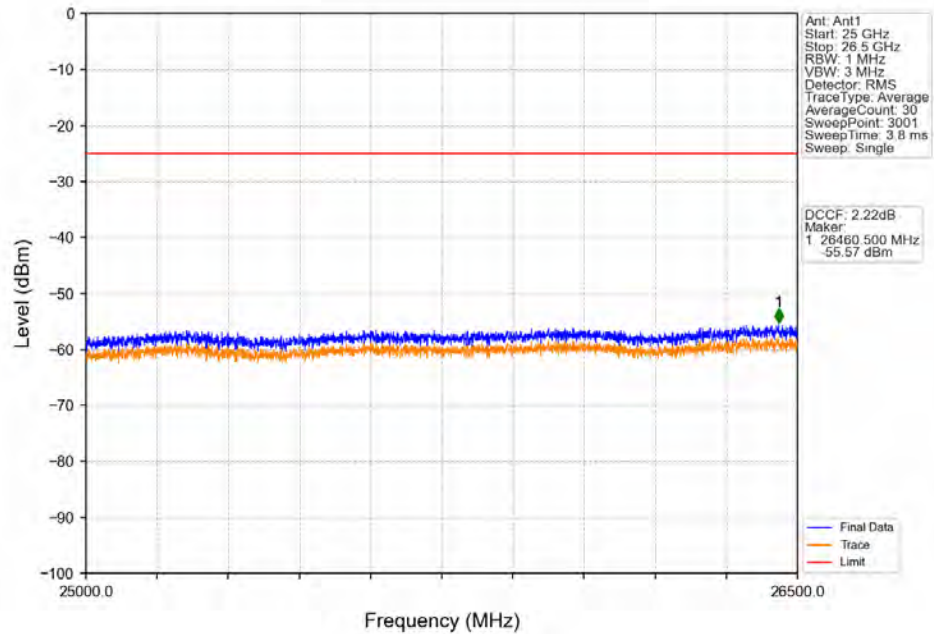
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



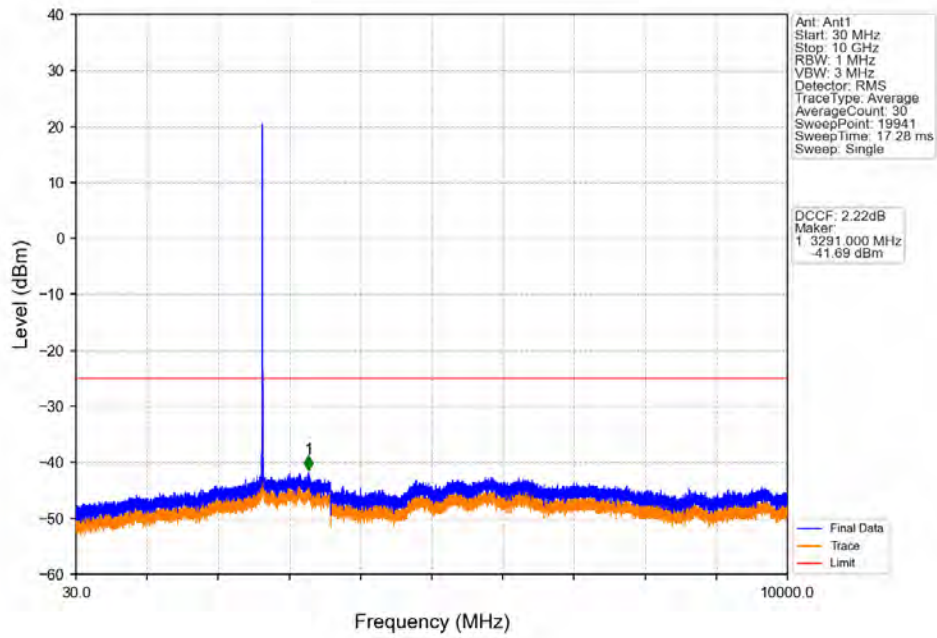
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



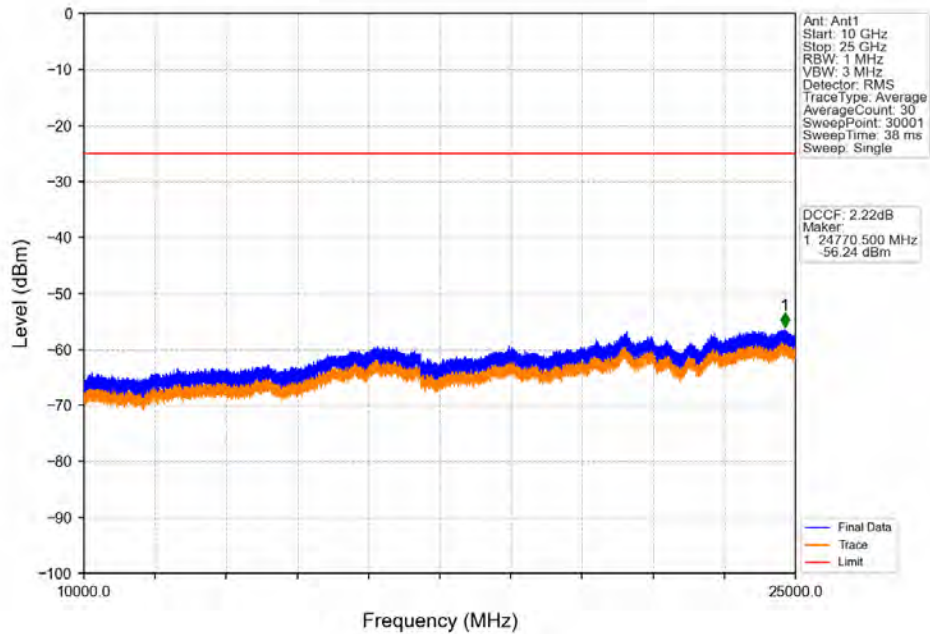
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



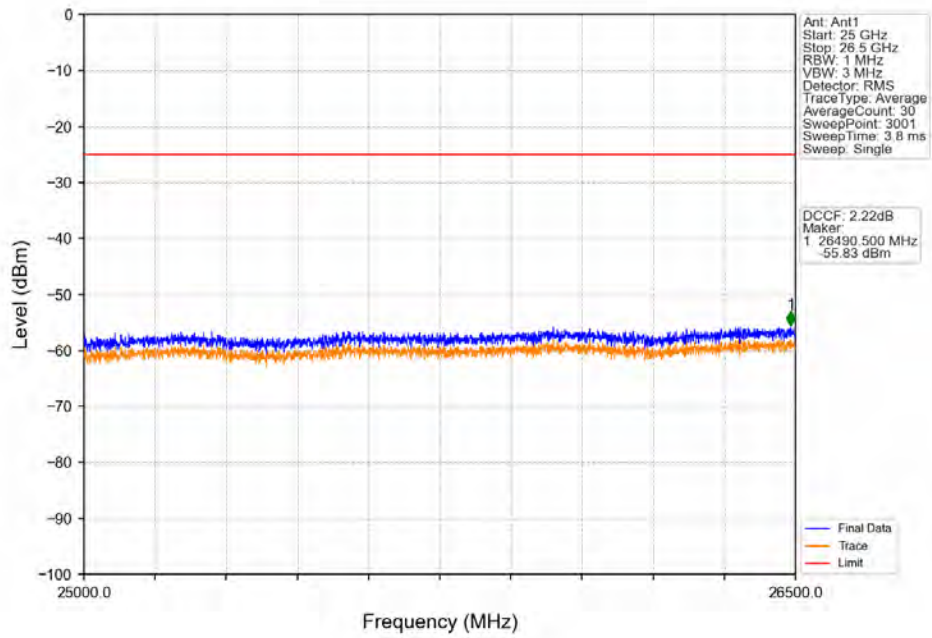
Band41 10MHz QPSK HCH 2645MHz RB 1 0 NTNV



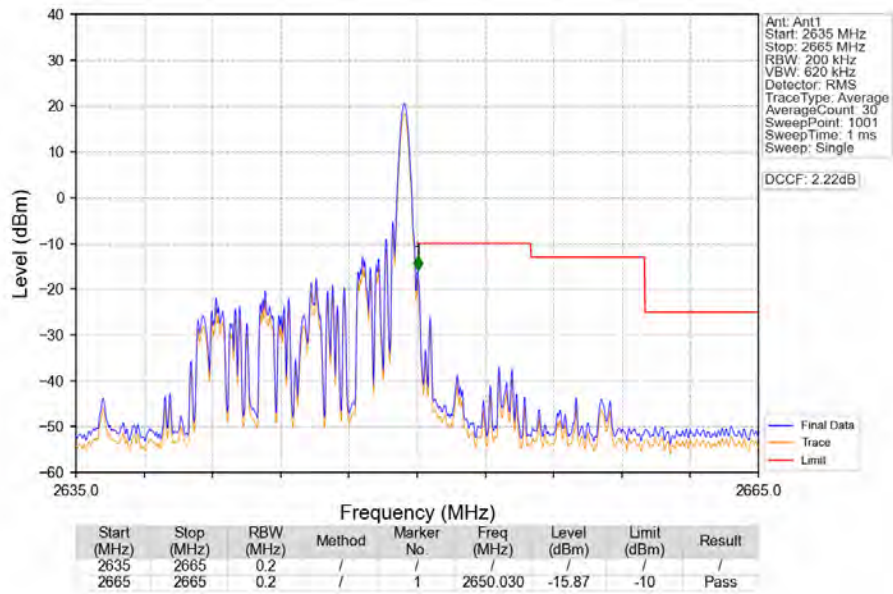
Band41 10MHz QPSK HCH 2645MHz RB 1 0 NTNV



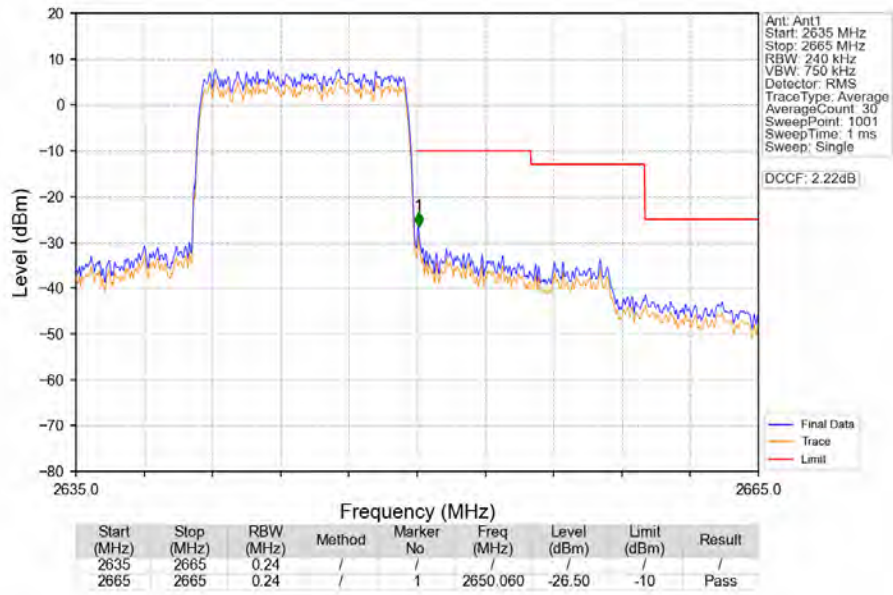
Band41_10MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



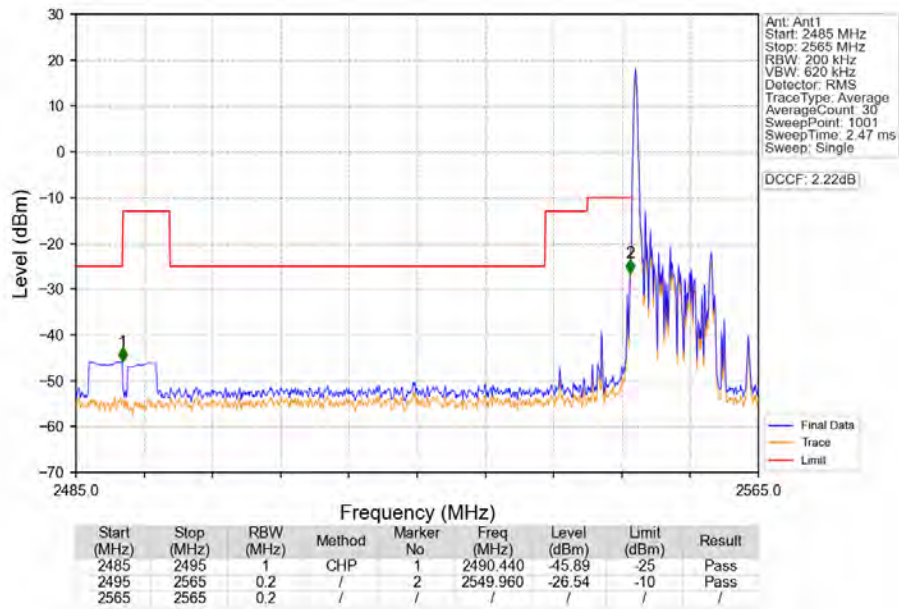
Band41_10MHz_QPSK_HCH_2645MHz_RB_1_49_NTNV



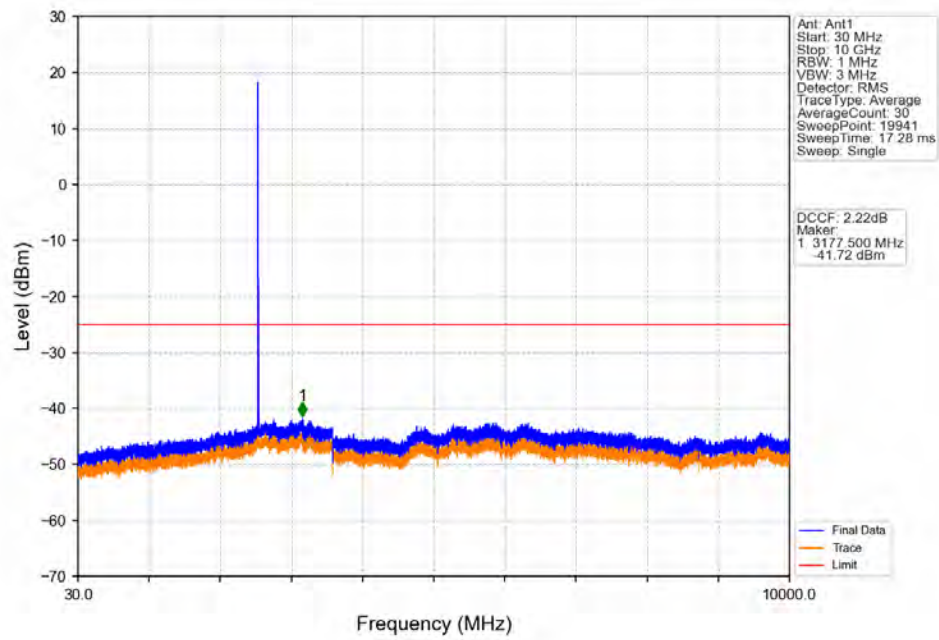
Band41_10MHz_QPSK_HCH_2645MHz_RB_50_0_NTNV



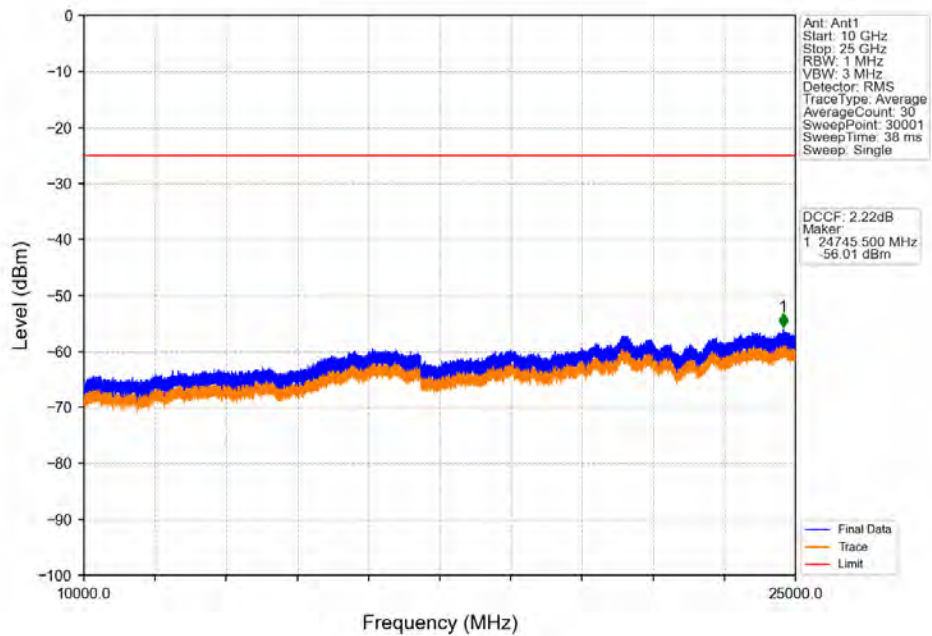
Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV



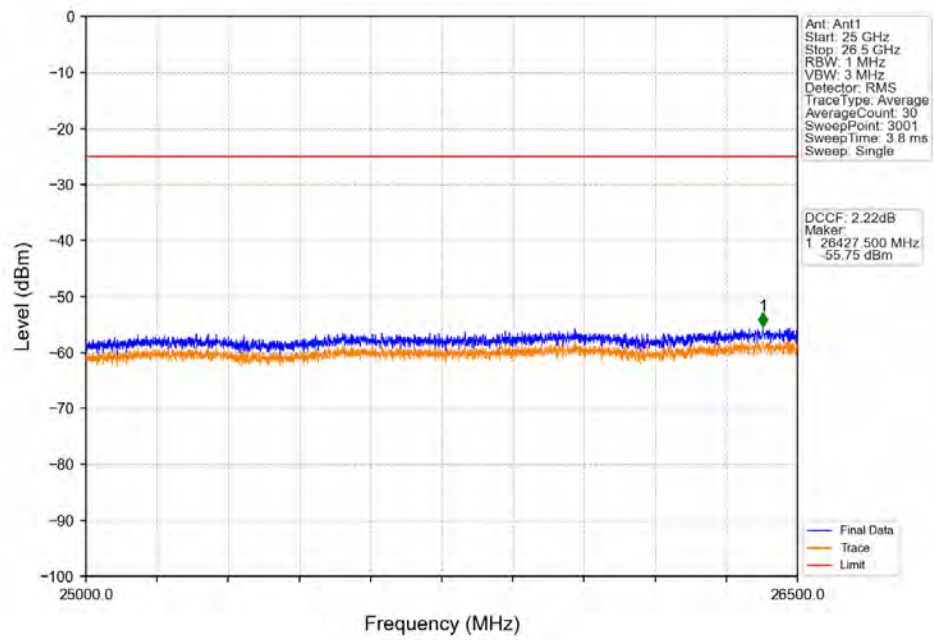
Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV



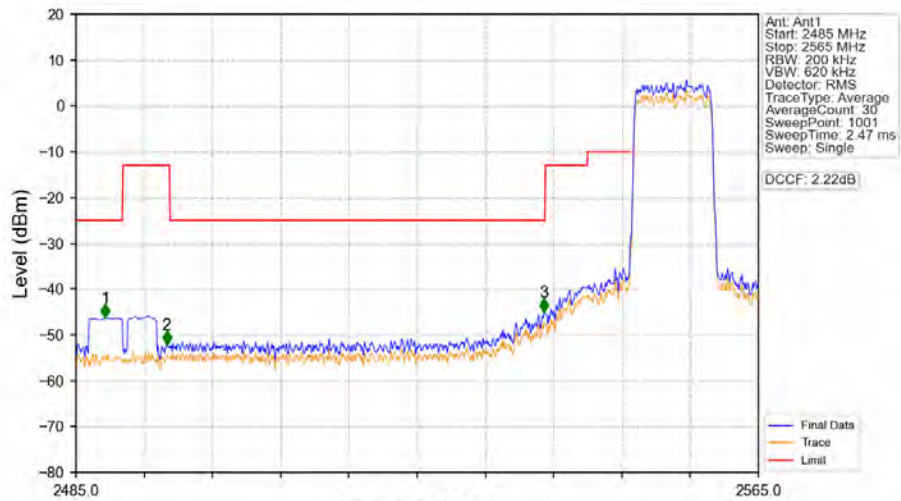
Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV

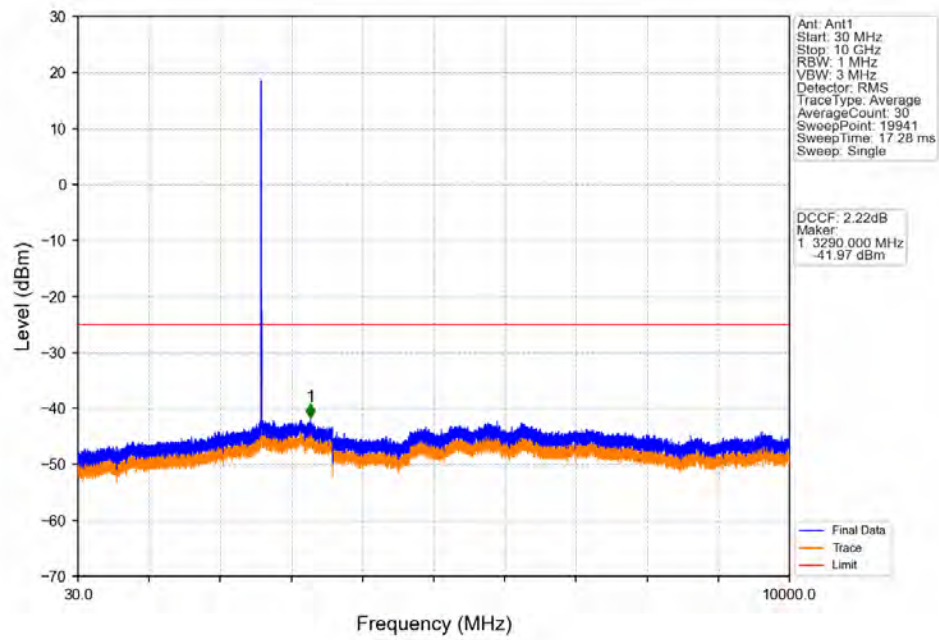


Band41_10MHz_16QAM_LCH_2555MHz_RB_50_0_NTNV

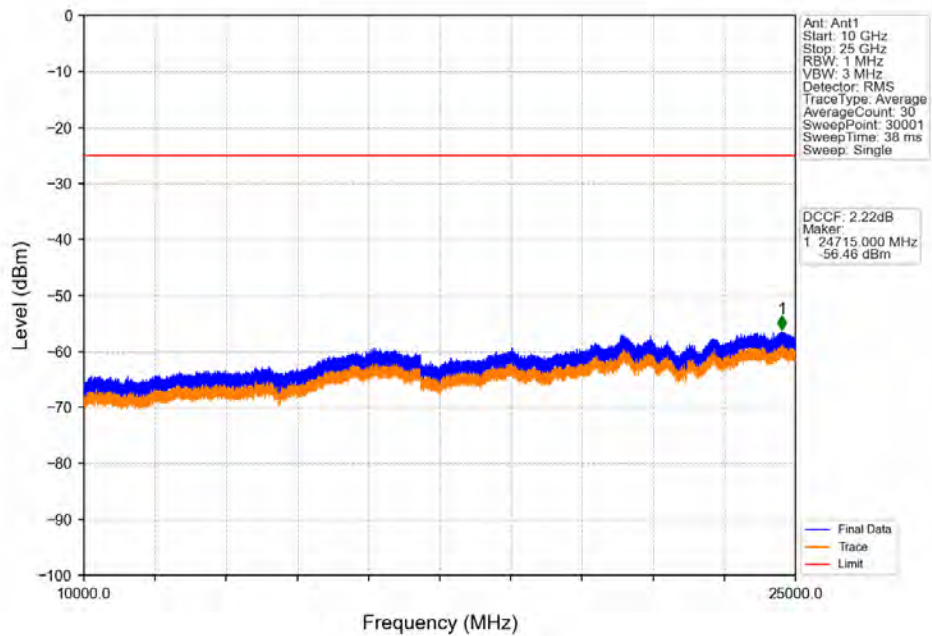


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.440	-46.33	-25	Pass
2495	2496	0.2	/	2	2495.640	-52.16	-13	Pass
2496	2565	0.226	/	3	2539.880	-45.04	-25	Pass
2565	2565	0.226	/	/	/	/	/	/

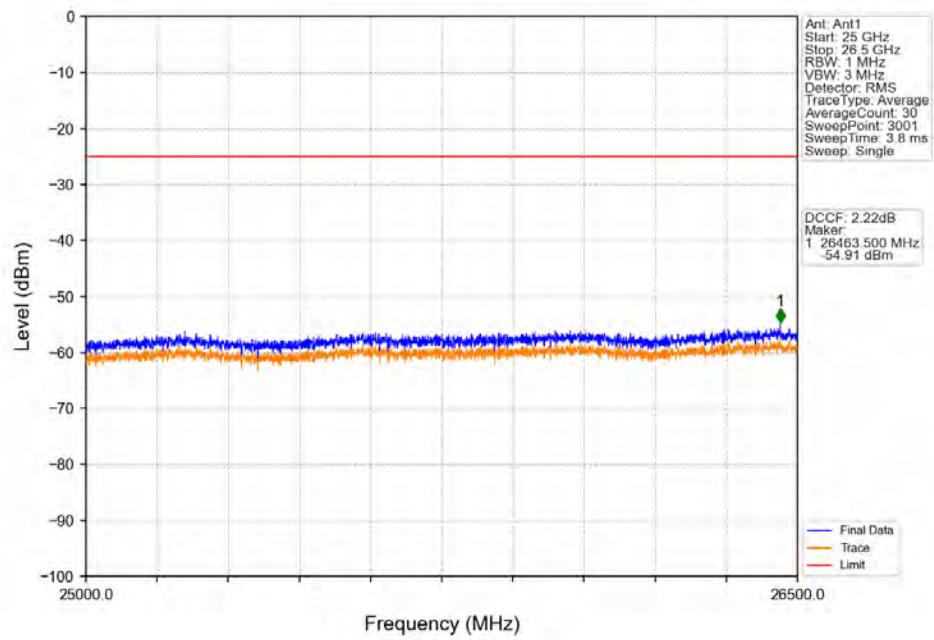
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



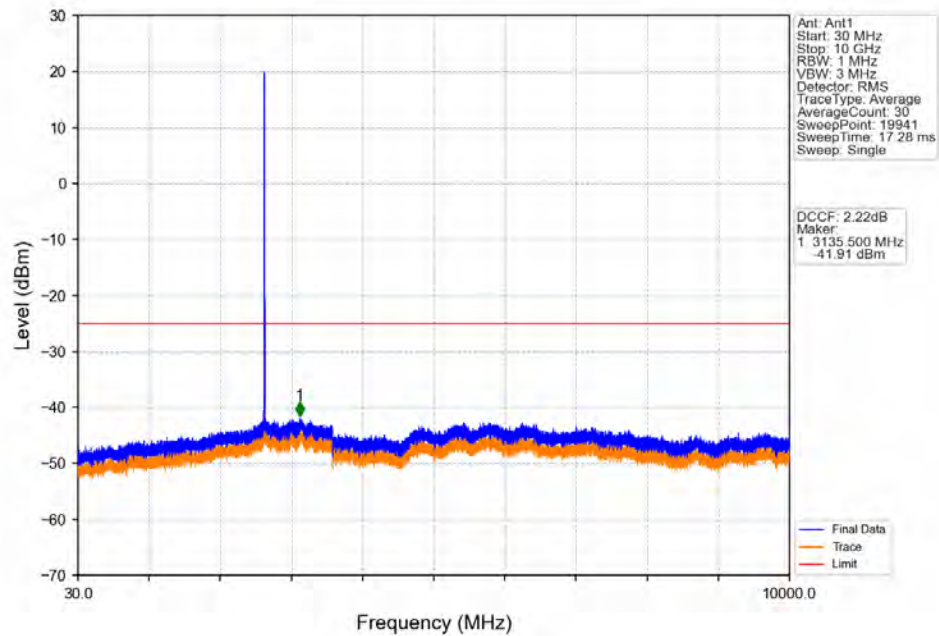
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



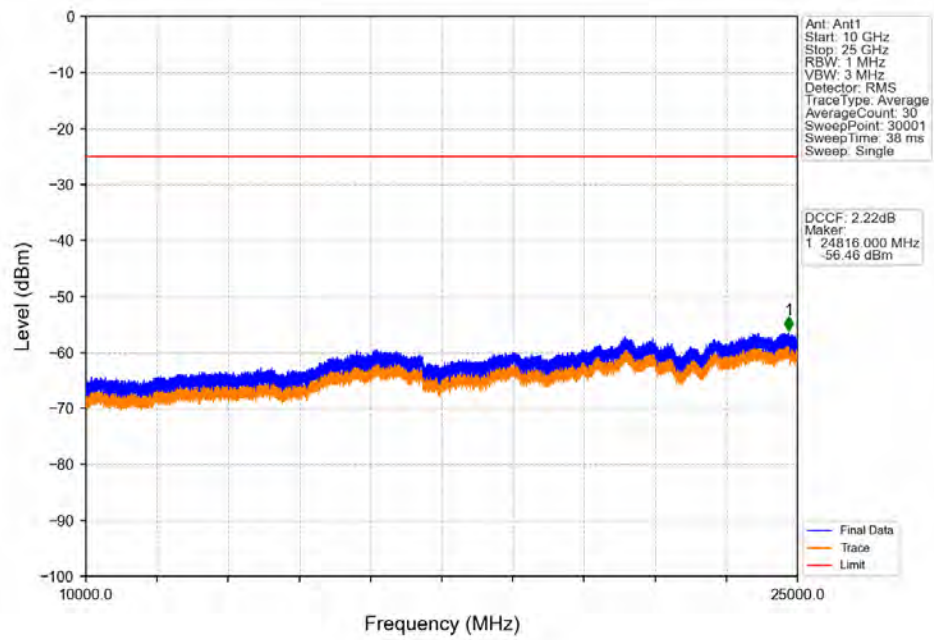
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



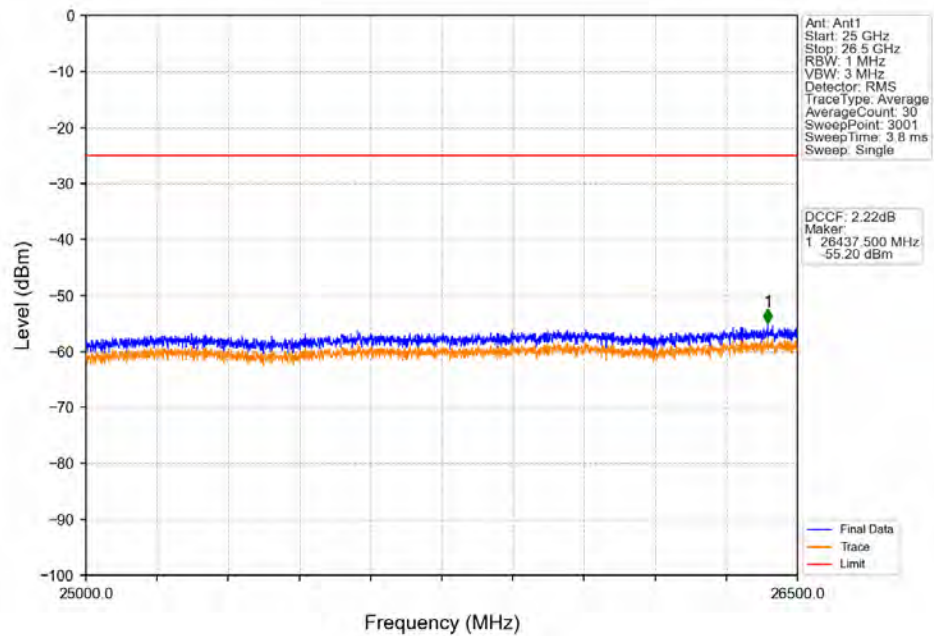
Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



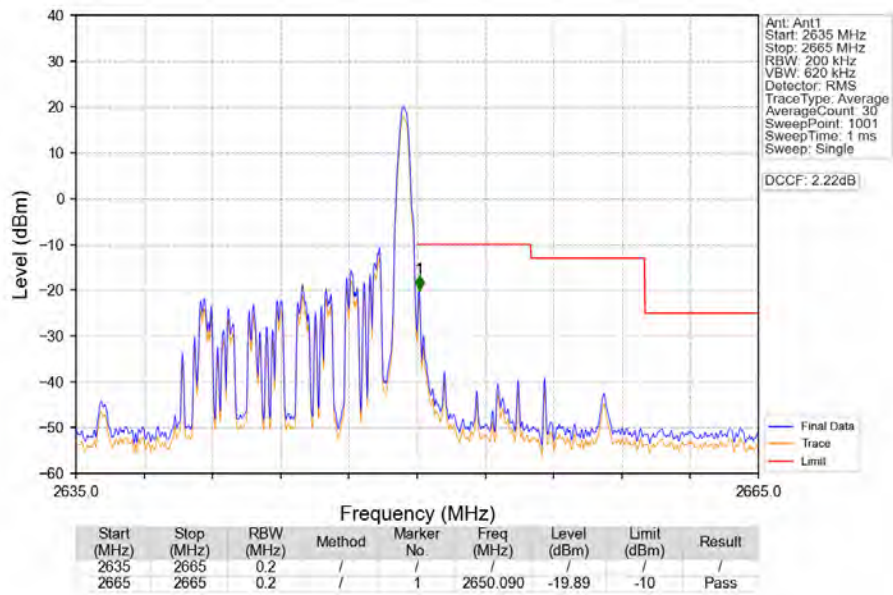
Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



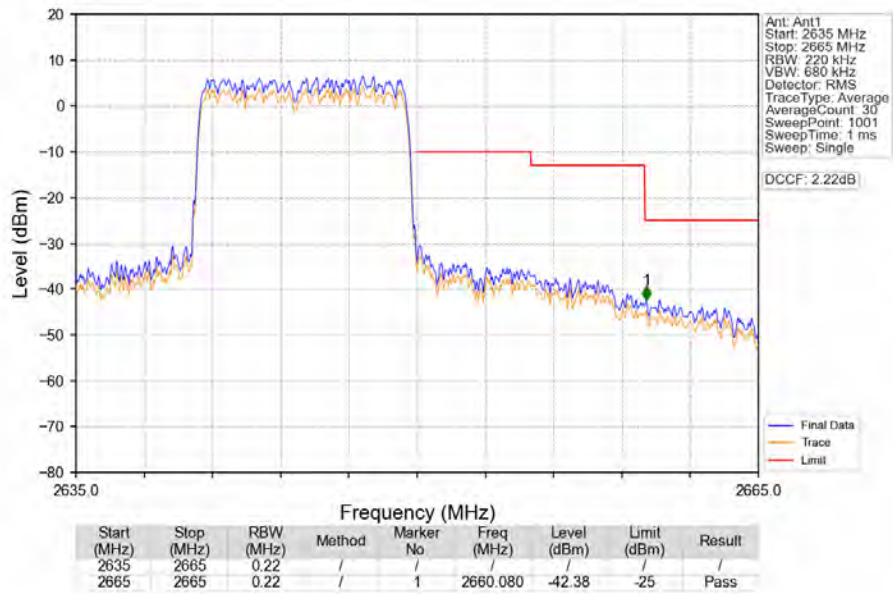
Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



Band41 10MHz 16QAM HCH 2645MHz RB 1 49 NTNV



Band41 10MHz 16QAM HCH 2645MHz RB 50 0 NTNV

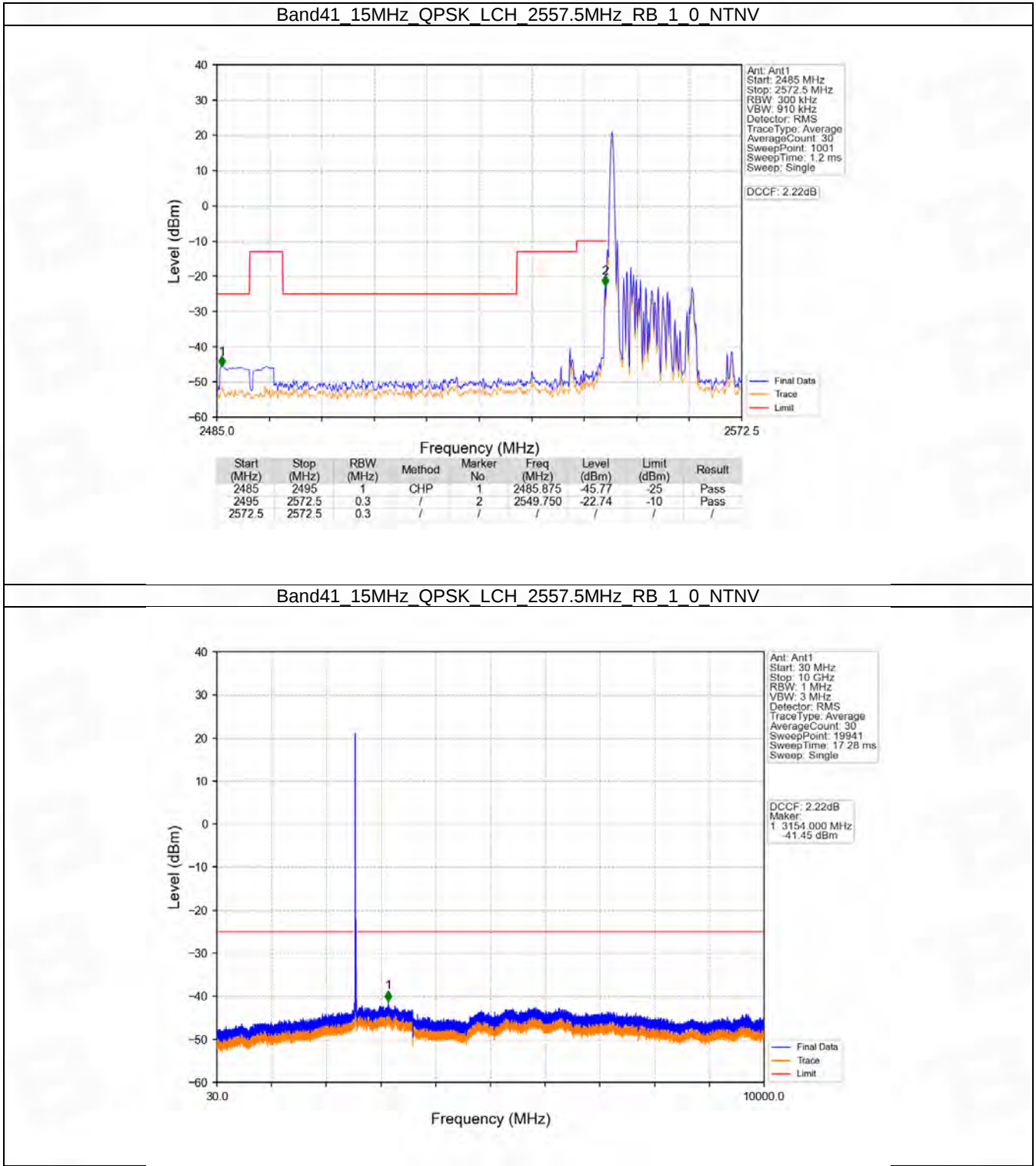


6.3 B41_15MHz

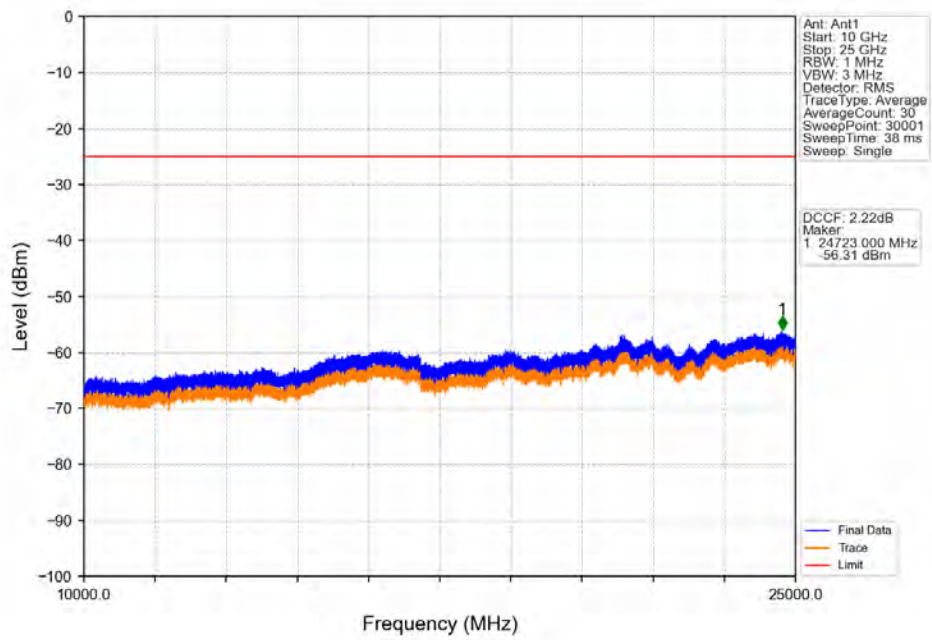
6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2642.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2642.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

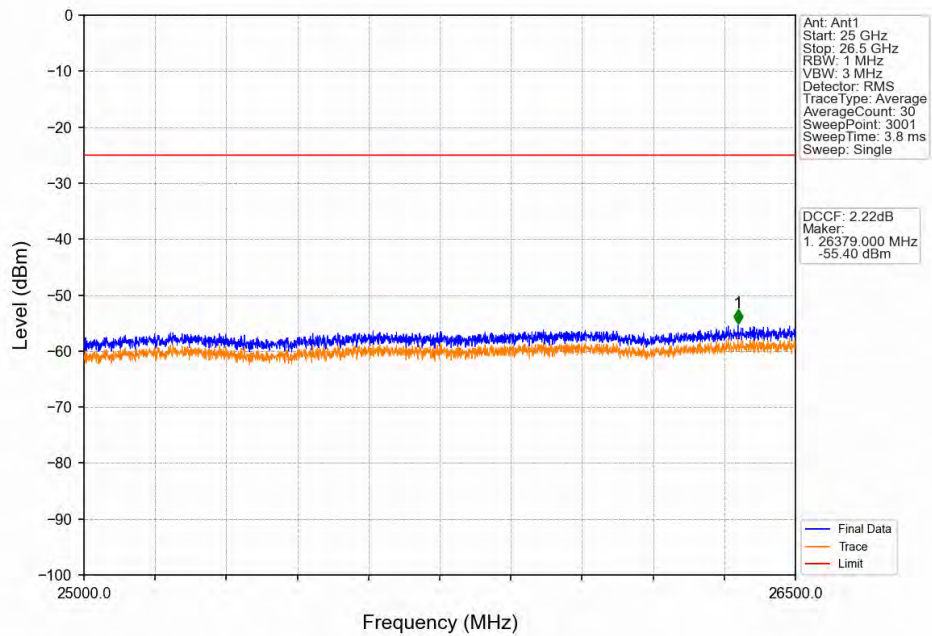
6.3.2 Test Graph



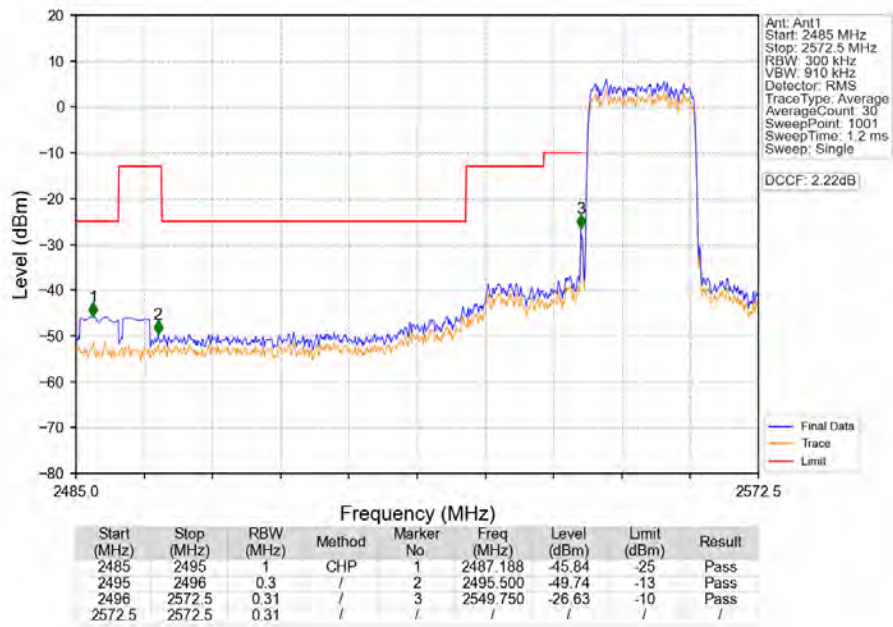
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



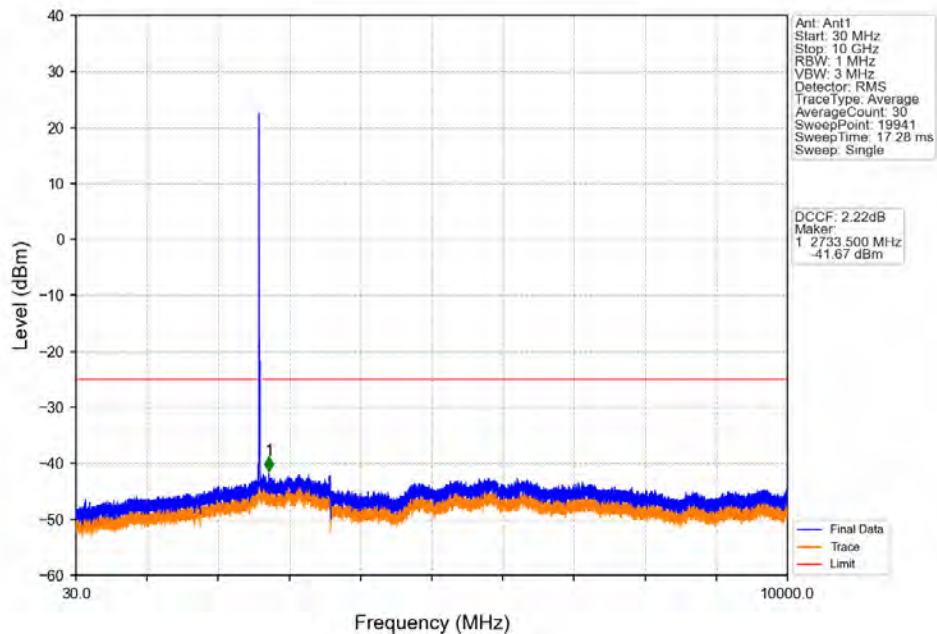
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



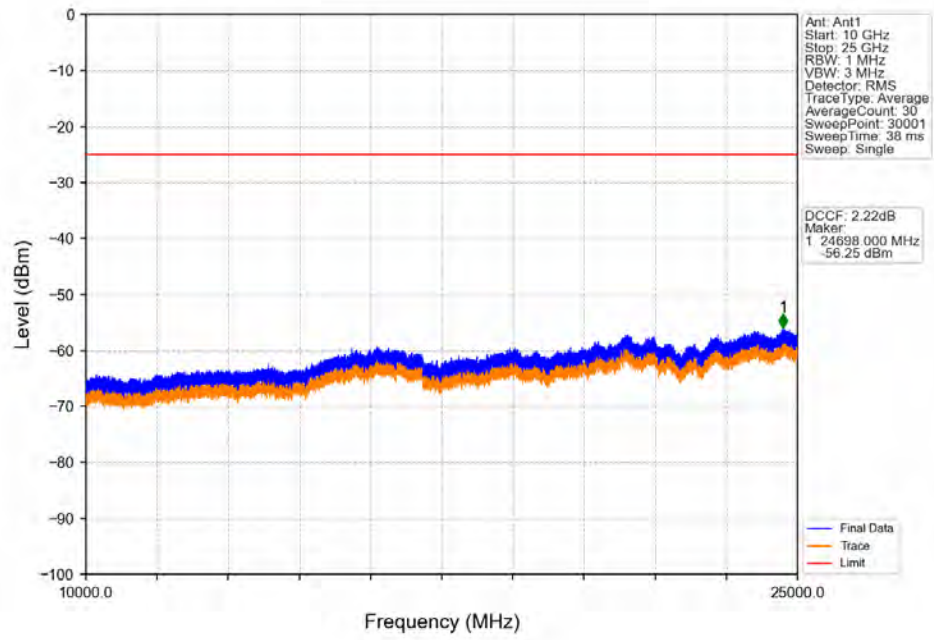
Band41 15MHz QPSK LCH 2557.5MHz RB 75 0 NTNV



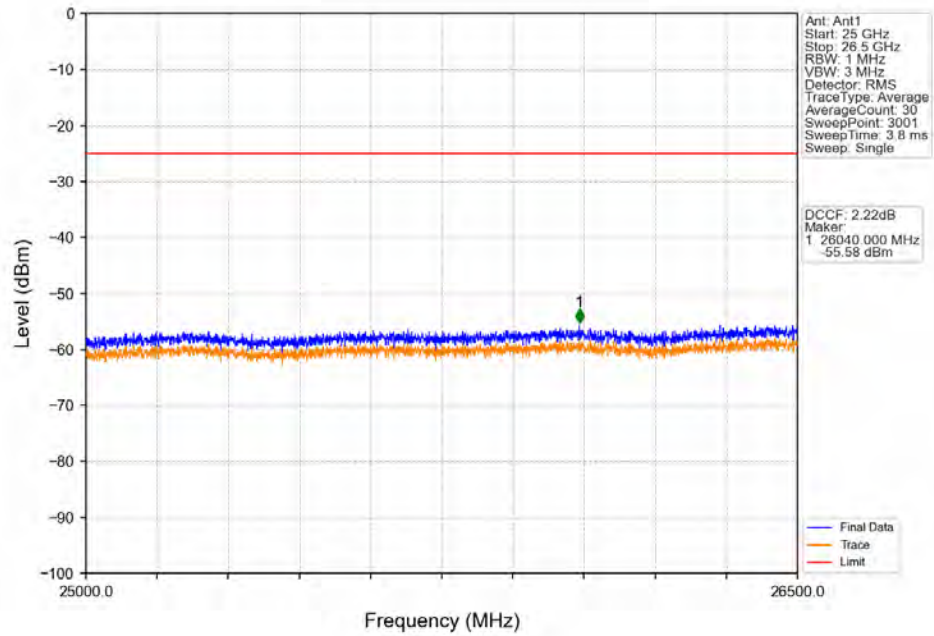
Band41 15MHz QPSK MCH 2600MHz RB 1 0 NTNV



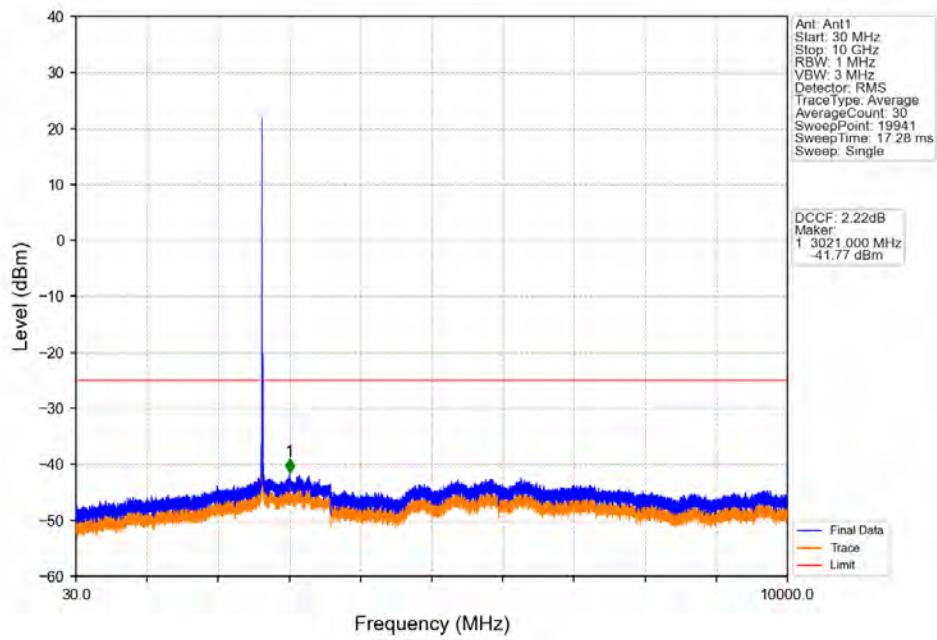
Band41_15MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



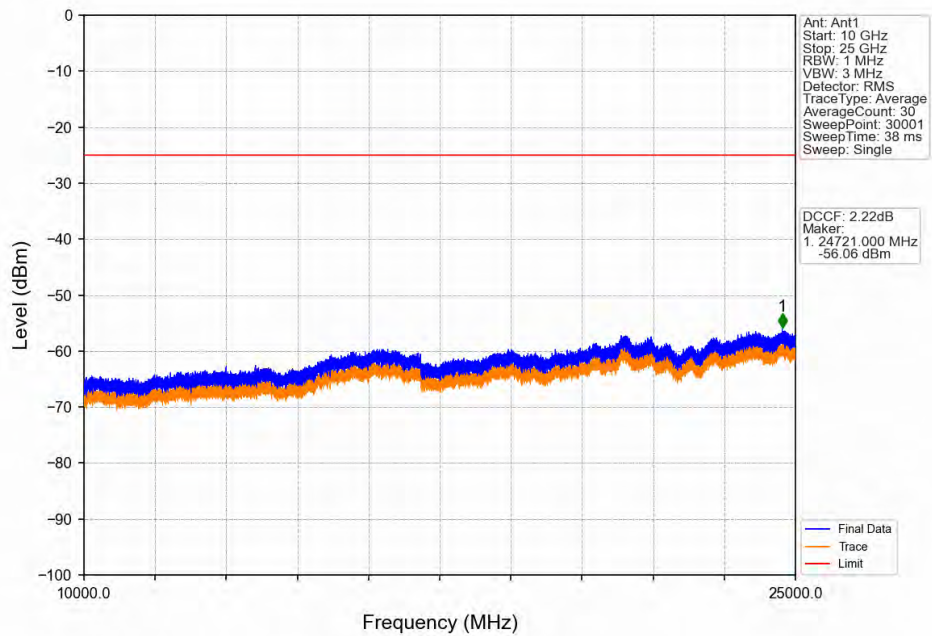
Band41_15MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



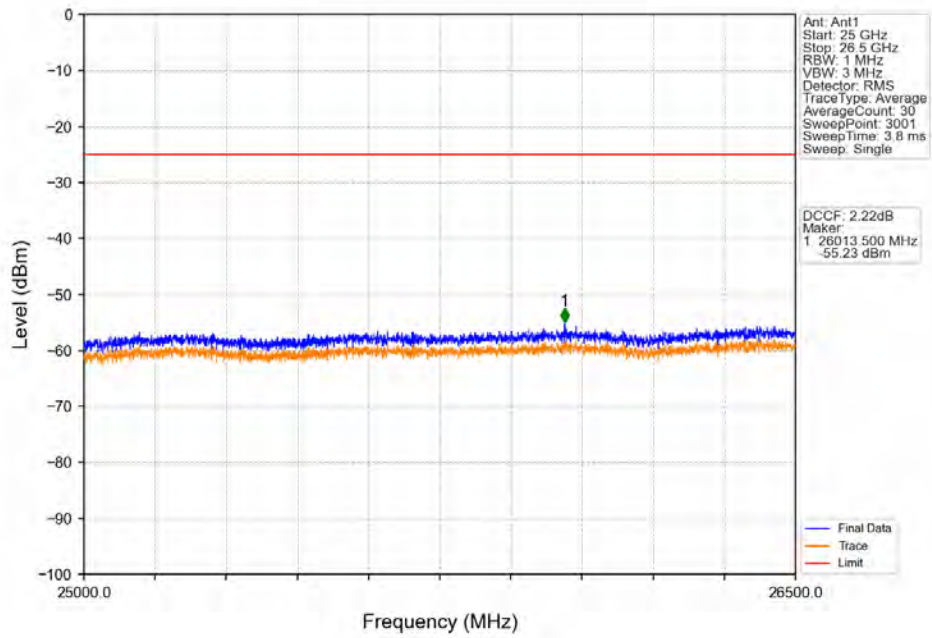
Band41 15MHz QPSK HCH 2642.5MHz RB 1 0 NTNV



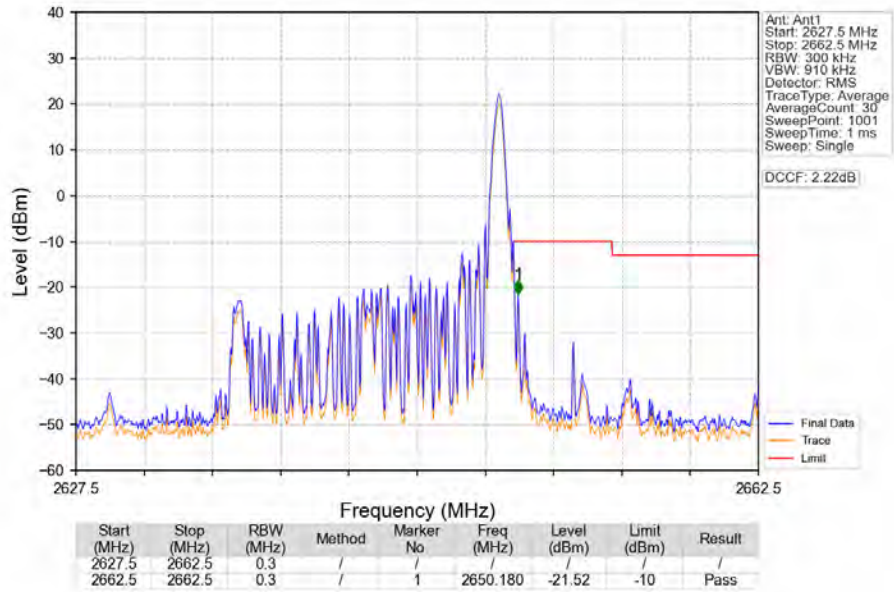
Band41 15MHz QPSK HCH 2642.5MHz RB 1 0 NTNV



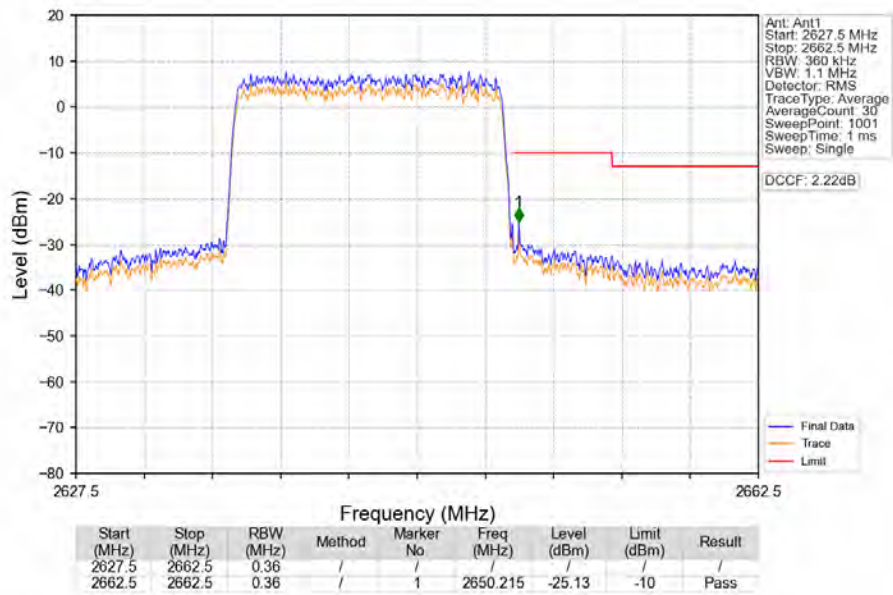
Band41 15MHz QPSK HCH 2642.5MHz RB 1 0 NTV



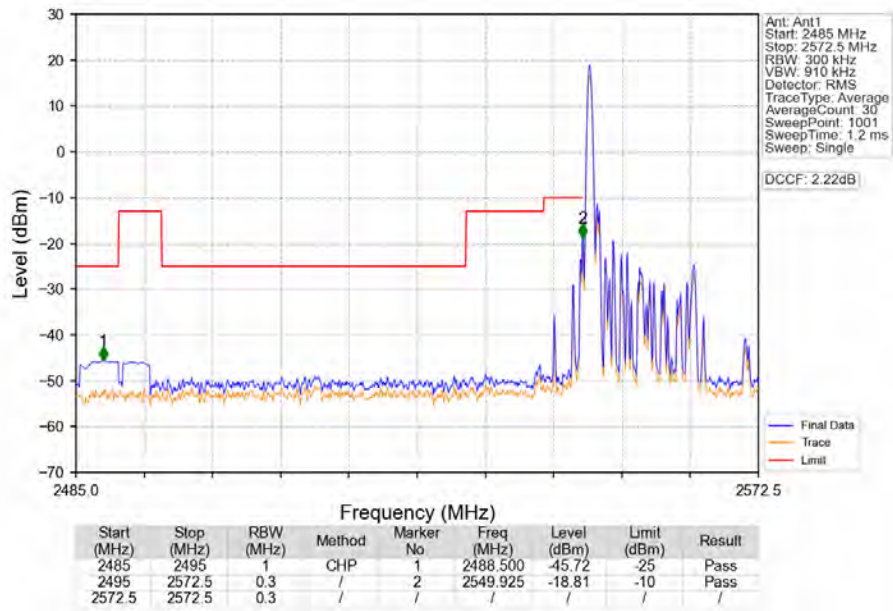
Band41 15MHz QPSK HCH 2642.5MHz RB 1 74 NTV



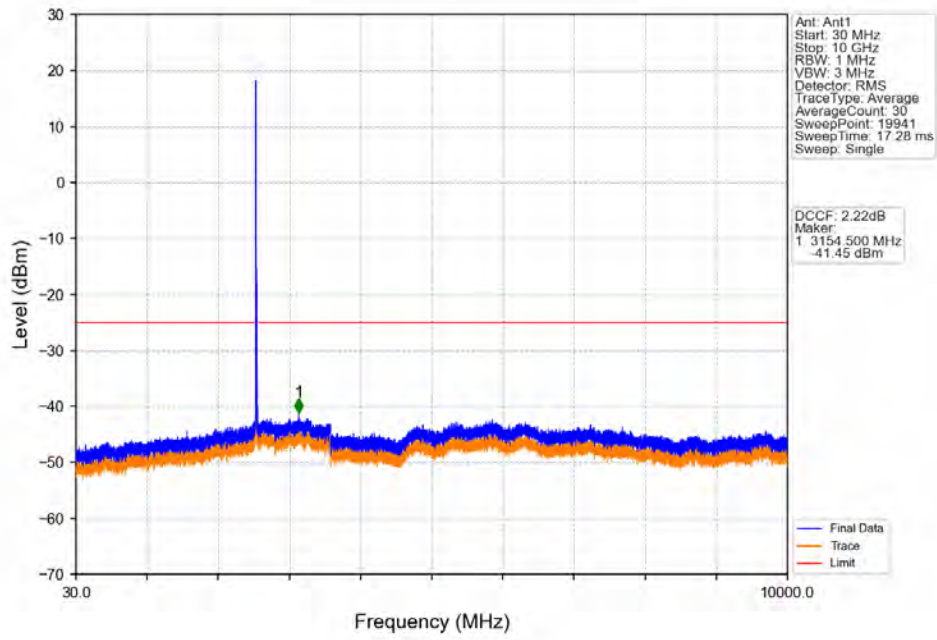
Band41 15MHz QPSK HCH 2642.5MHz RB 75 0 NTNV



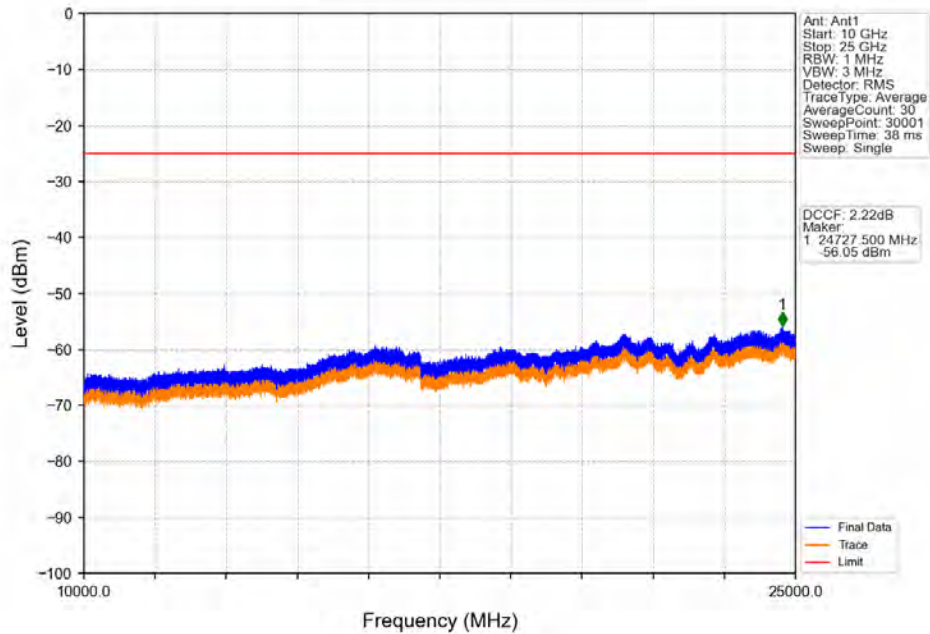
Band41 15MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



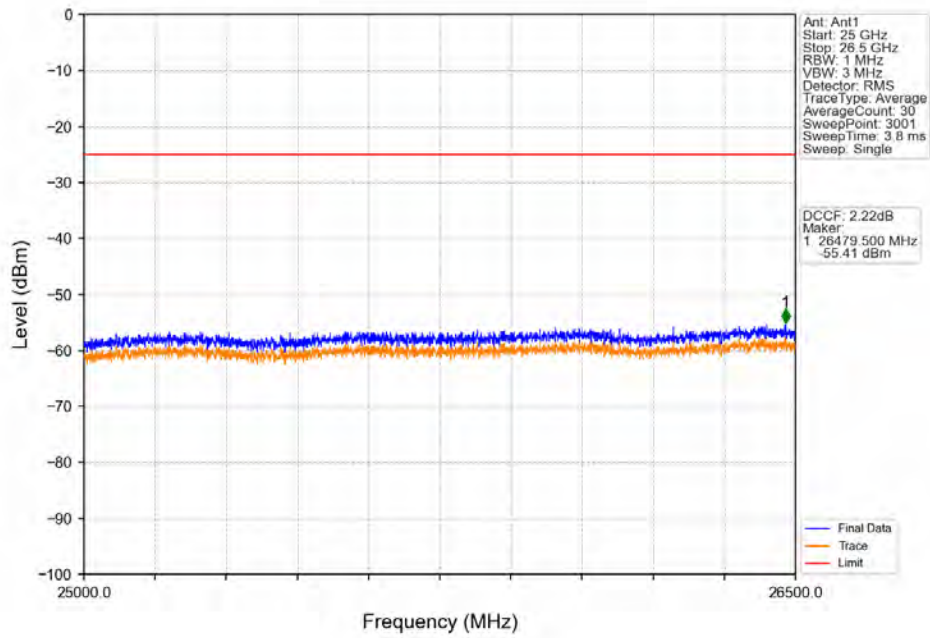
Band41 15MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



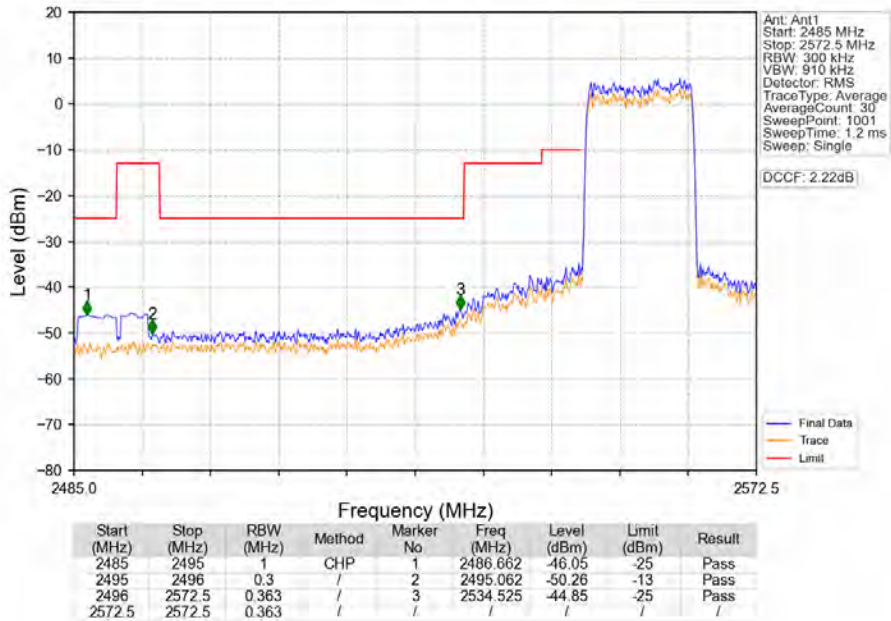
Band41 15MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



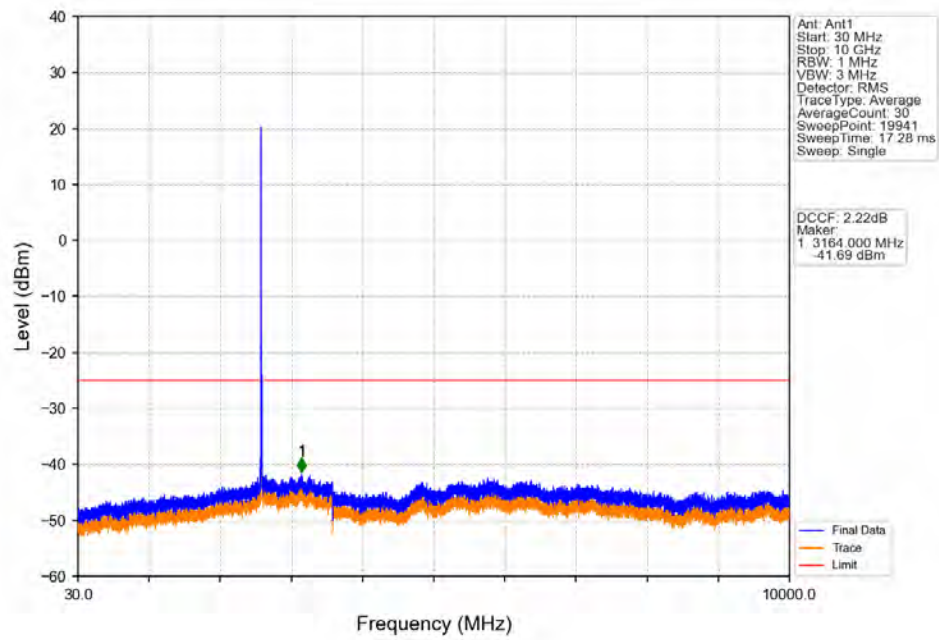
Band41 15MHz 16QAM LCH 2557.5MHz RB 1 0 NTNV



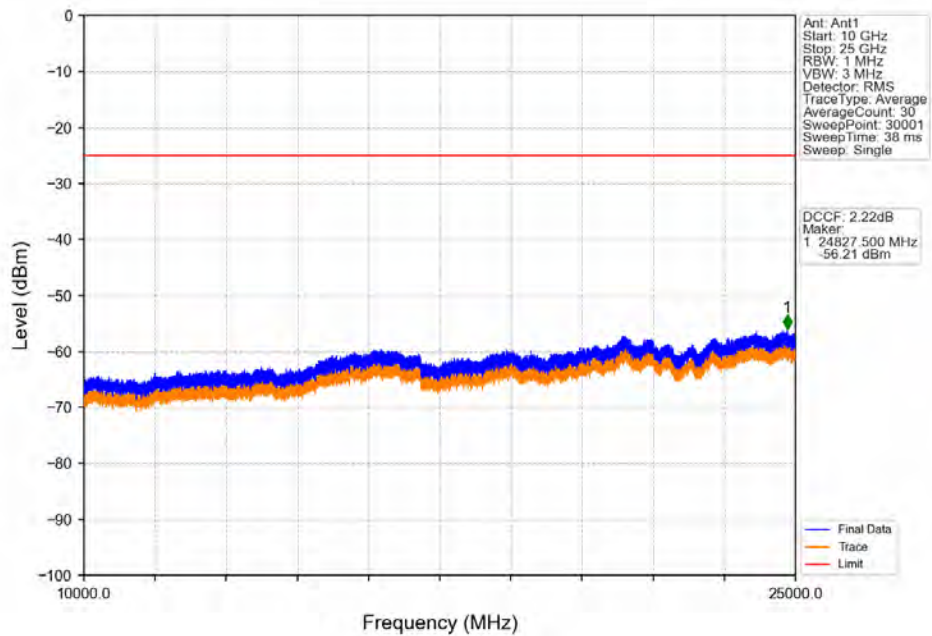
Band41 15MHz 16QAM LCH 2557.5MHz RB 75 0 NTNV



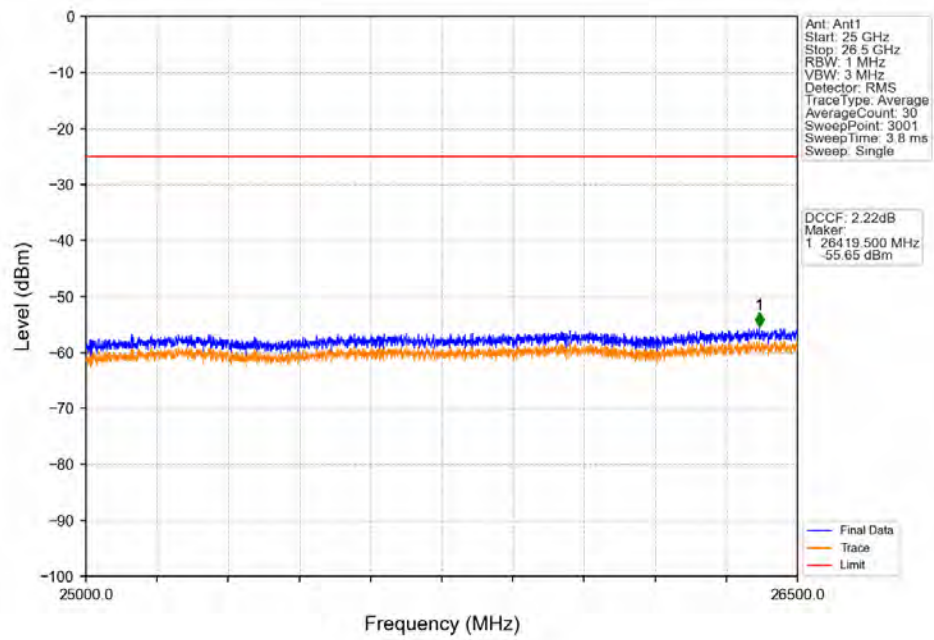
Band41_15MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



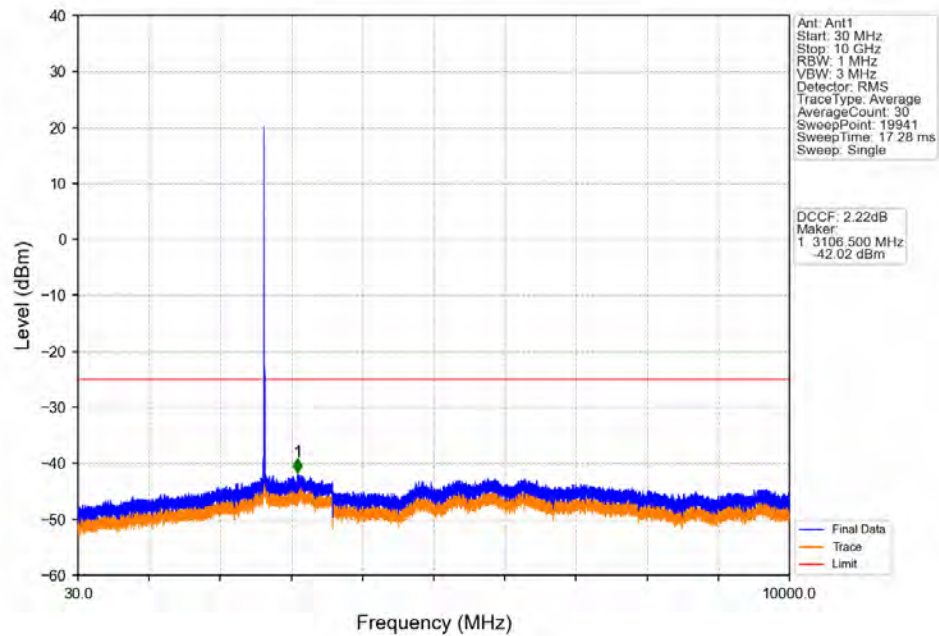
Band41_15MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



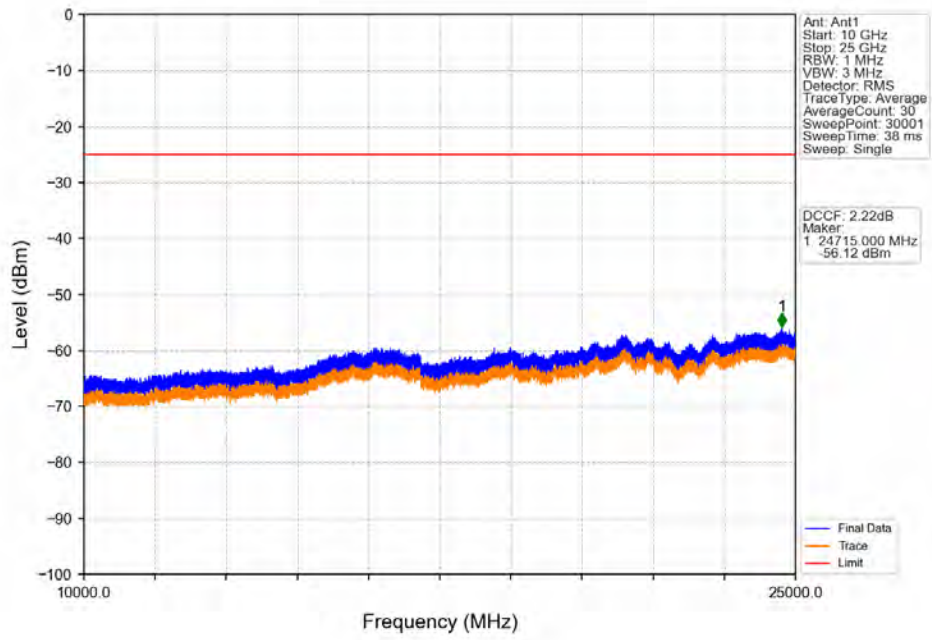
Band41 15MHz 16QAM MCH 2600MHz RB 1 0 NTNV



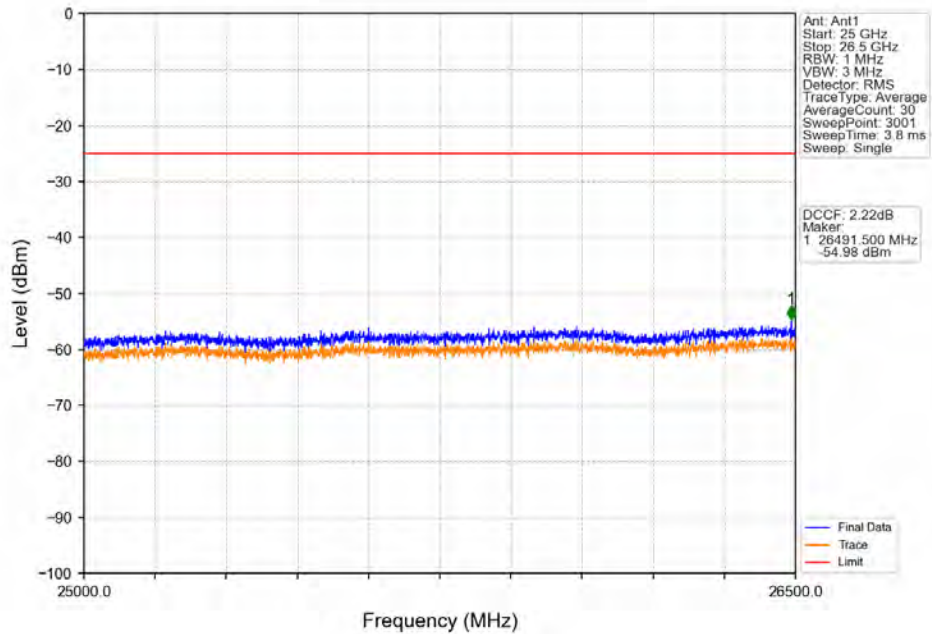
Band41 15MHz 16QAM HCH 2642.5MHz RB 1 0 NTNV



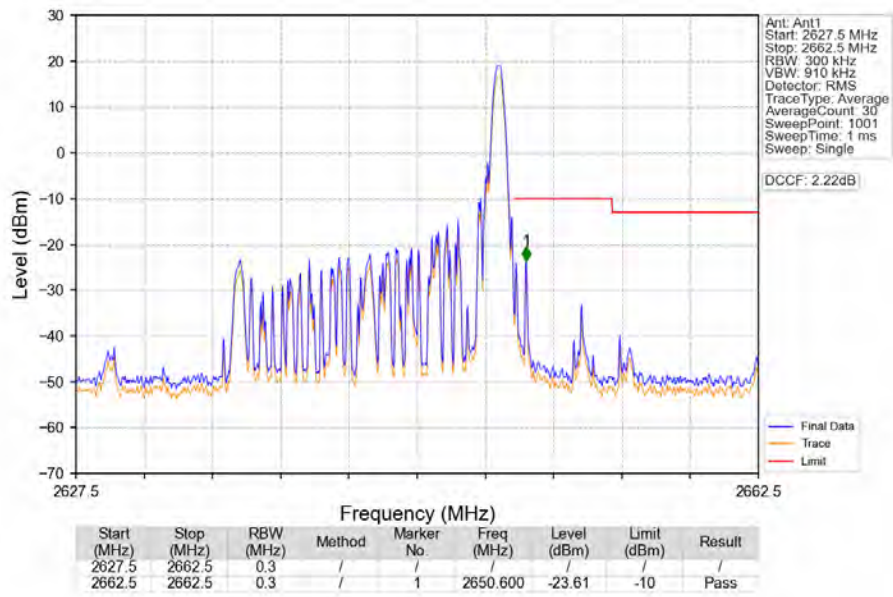
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_0_NTNV



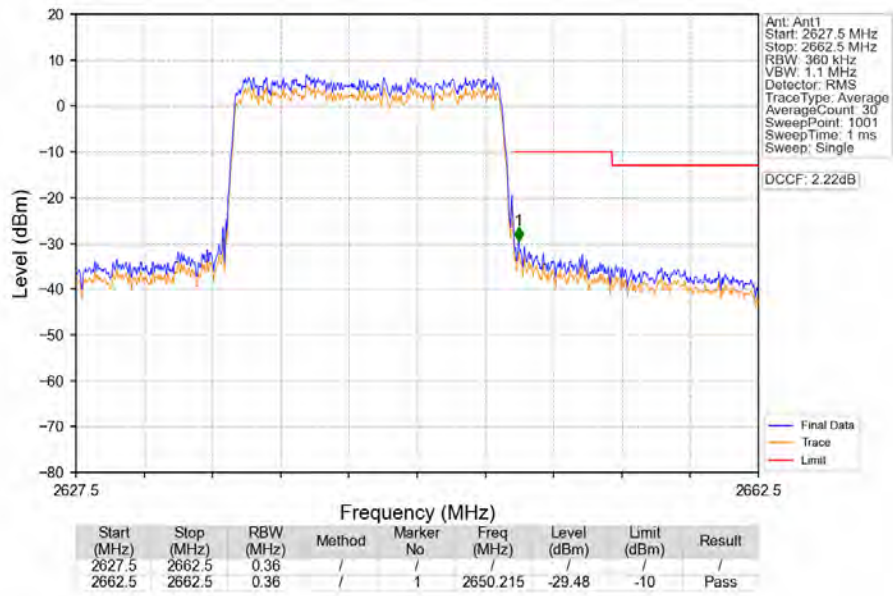
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_74_NTNV



Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV

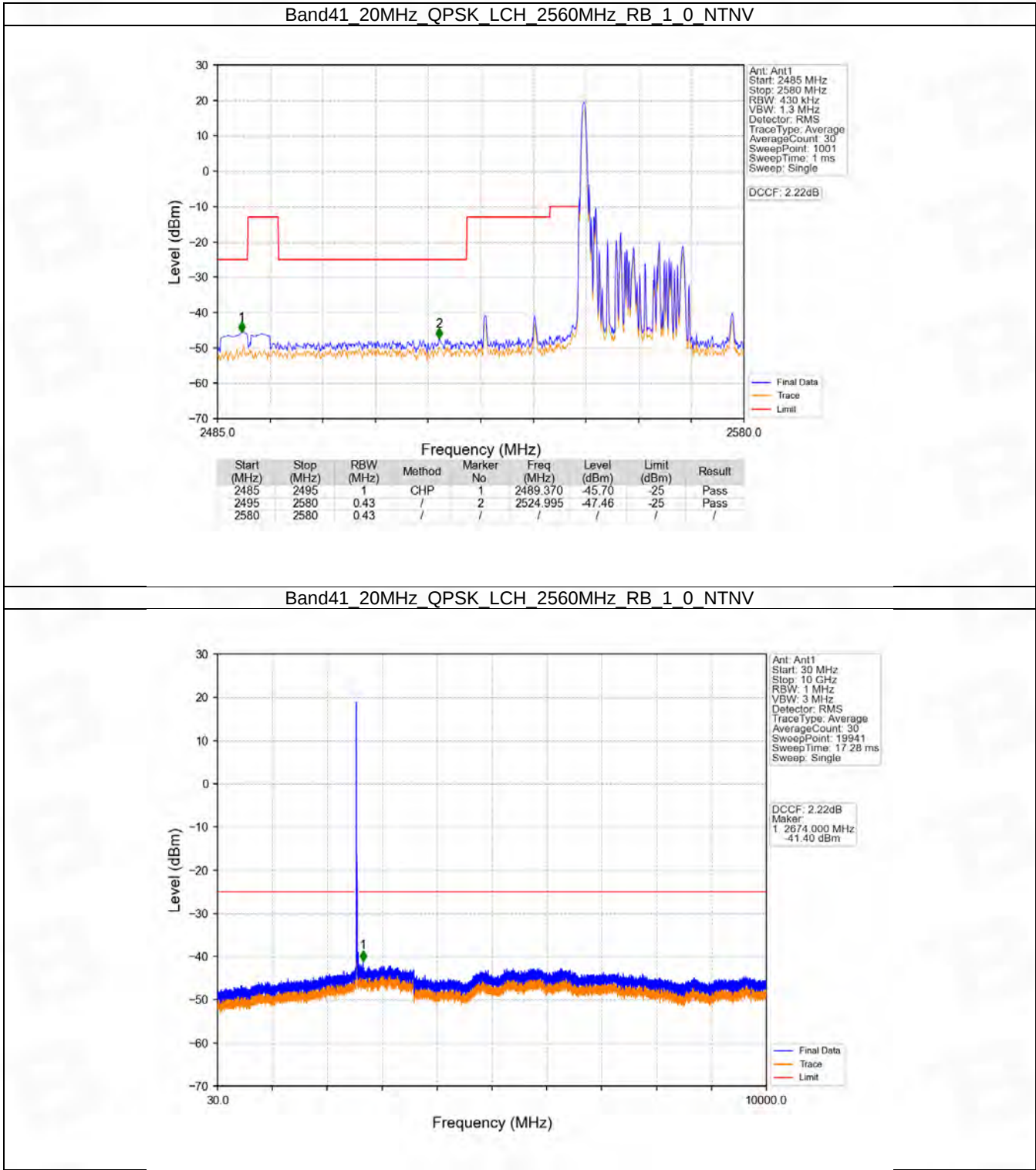


6.4 B41_20MHz

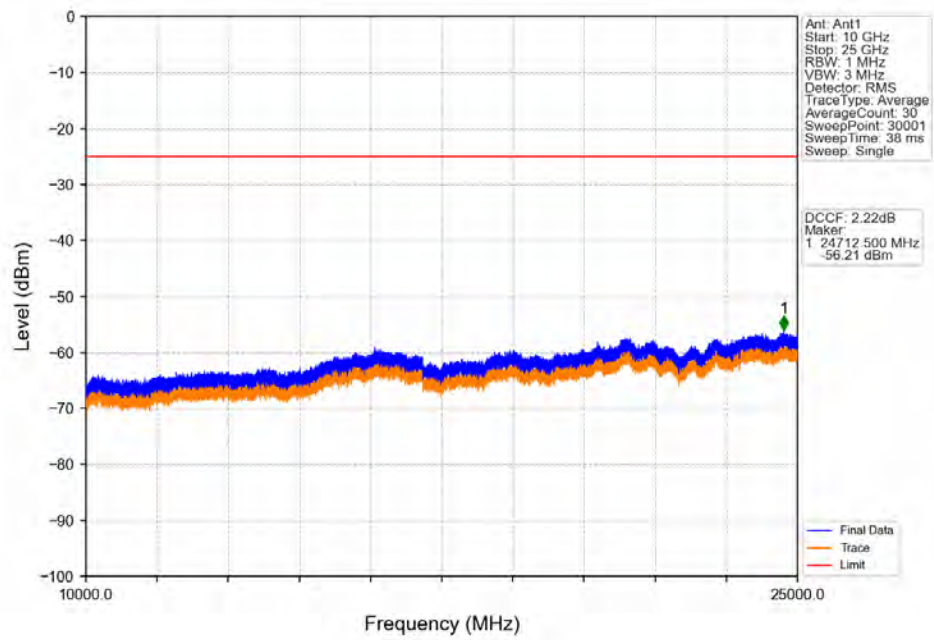
6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2640	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2640	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

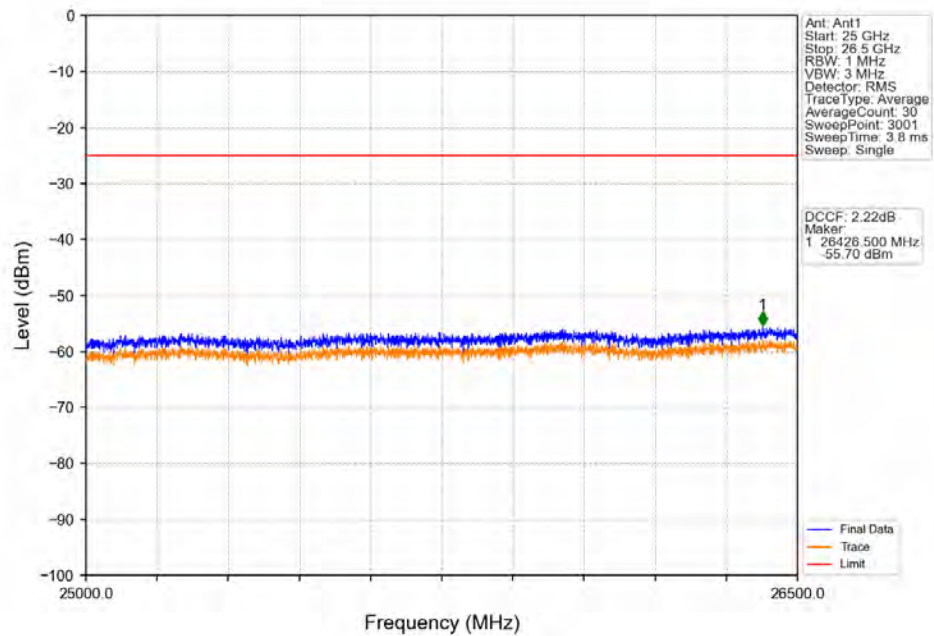
6.4.2 Test Graph



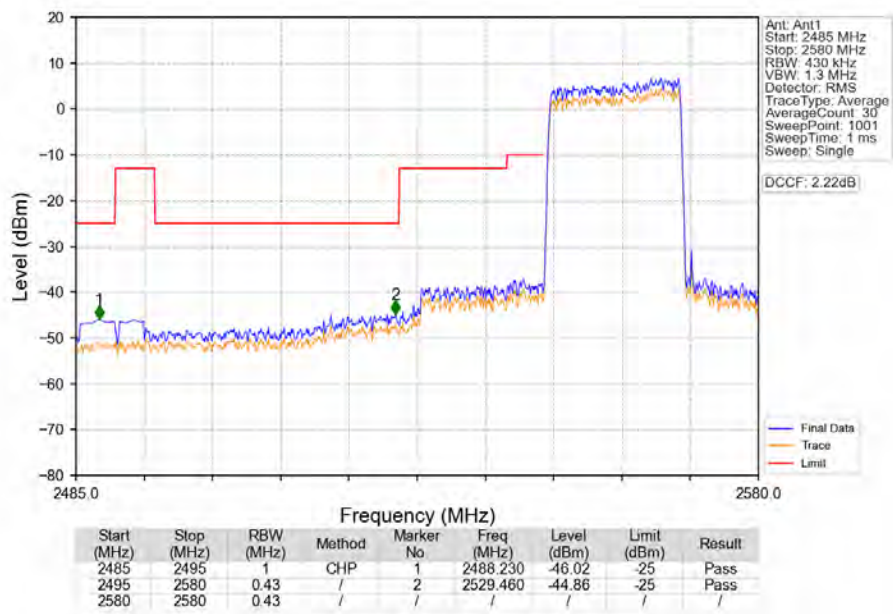
Band41 20MHz QPSK LCH 2560MHz RB 1 0 NTNV



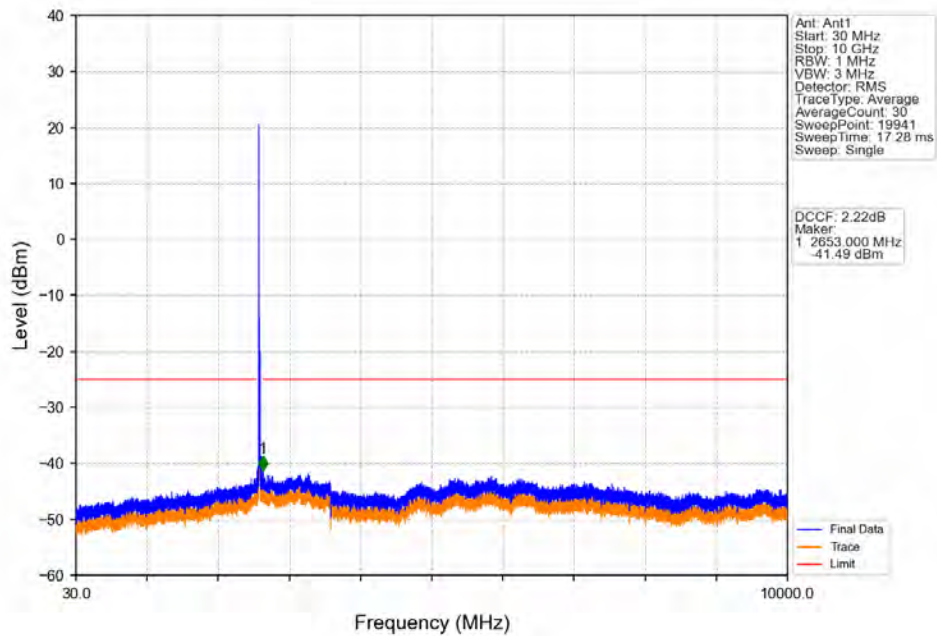
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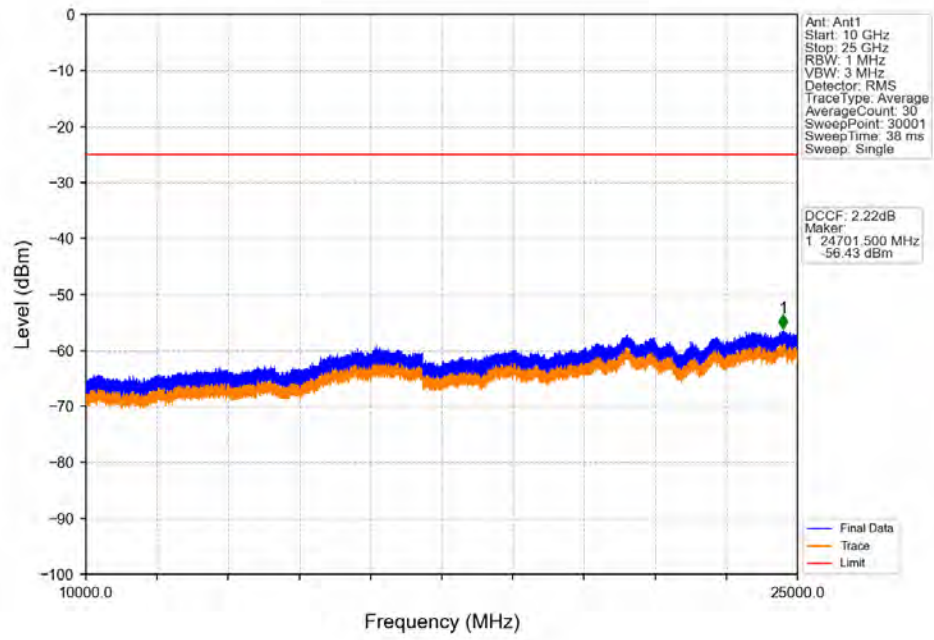
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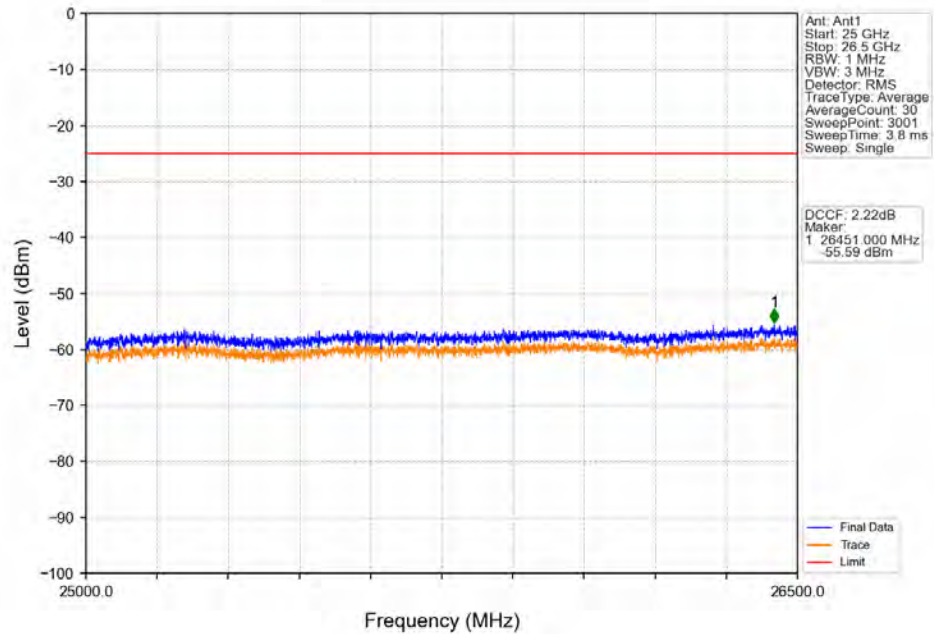
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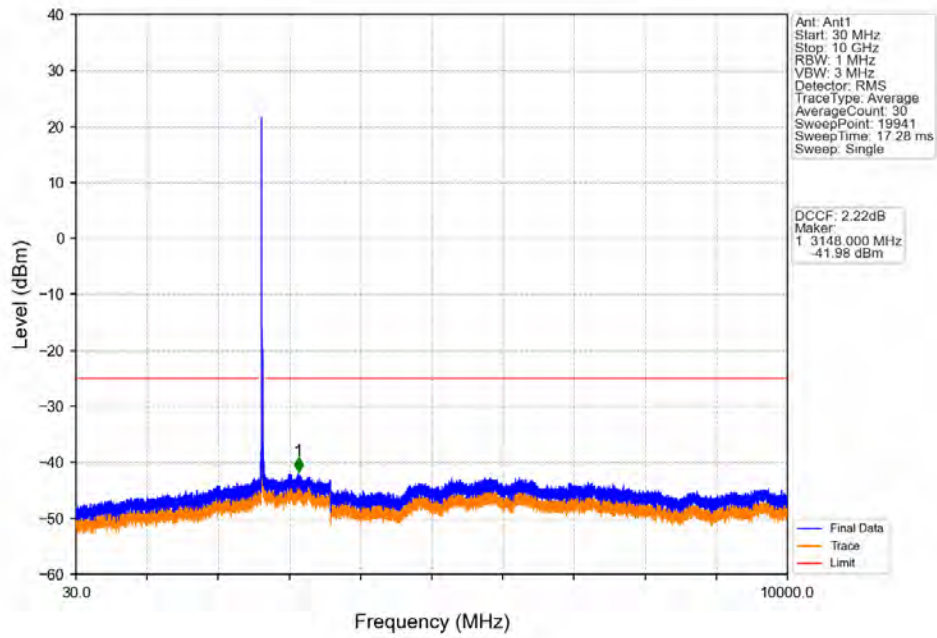
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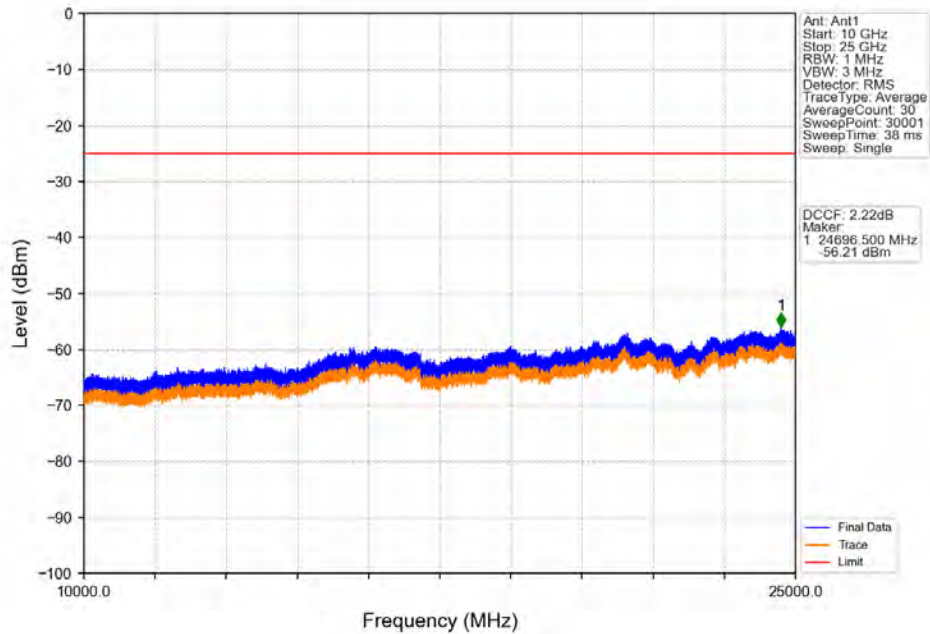
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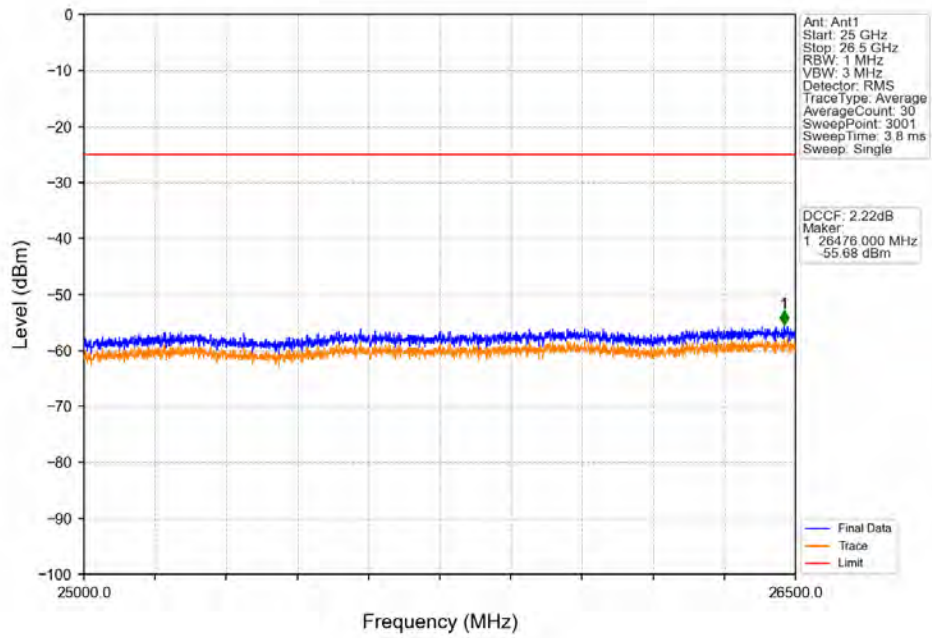
Band41 20MHz QPSK HCH 2640MHz RB 1 0 NTNV



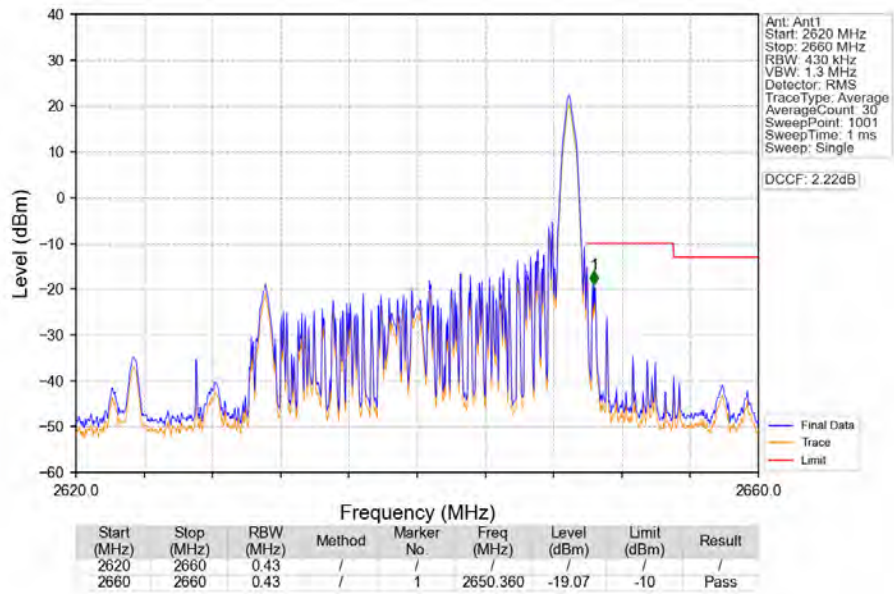
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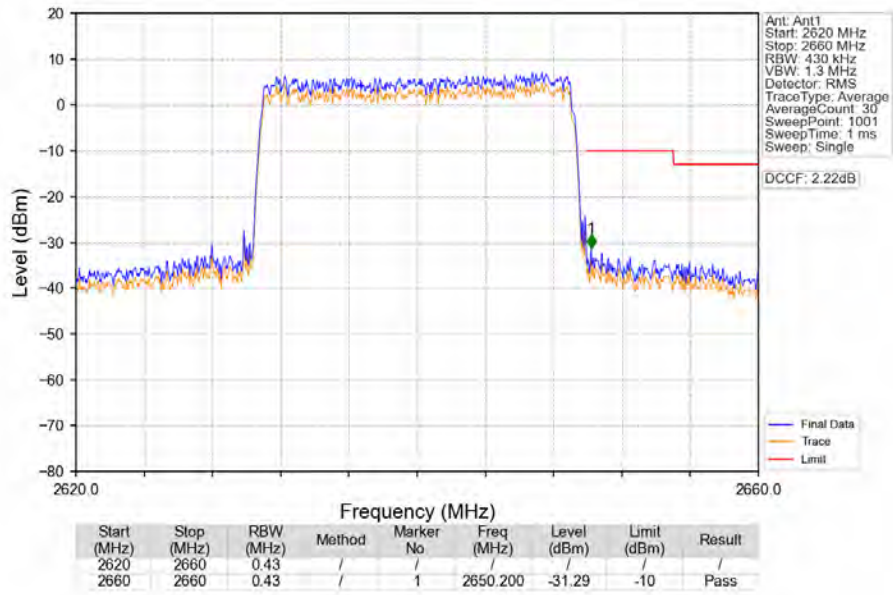
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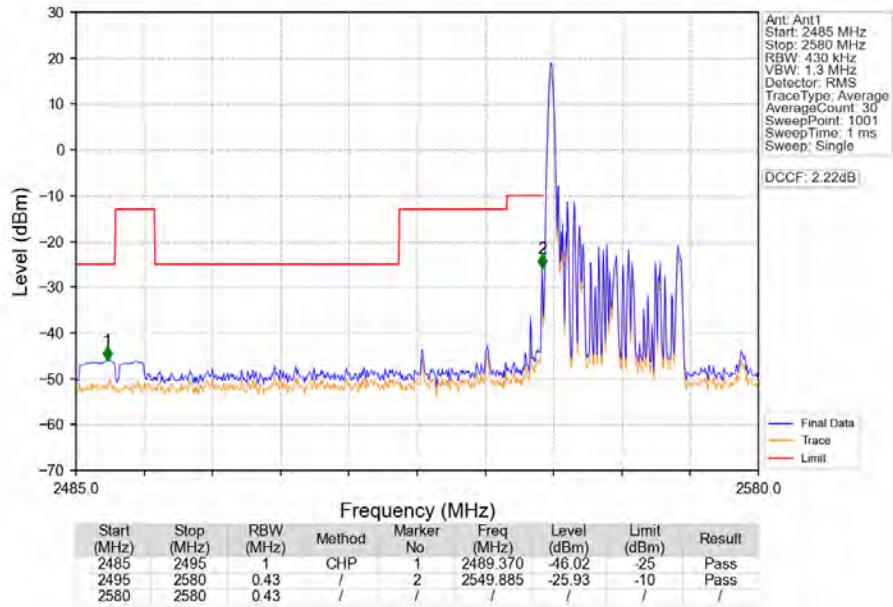
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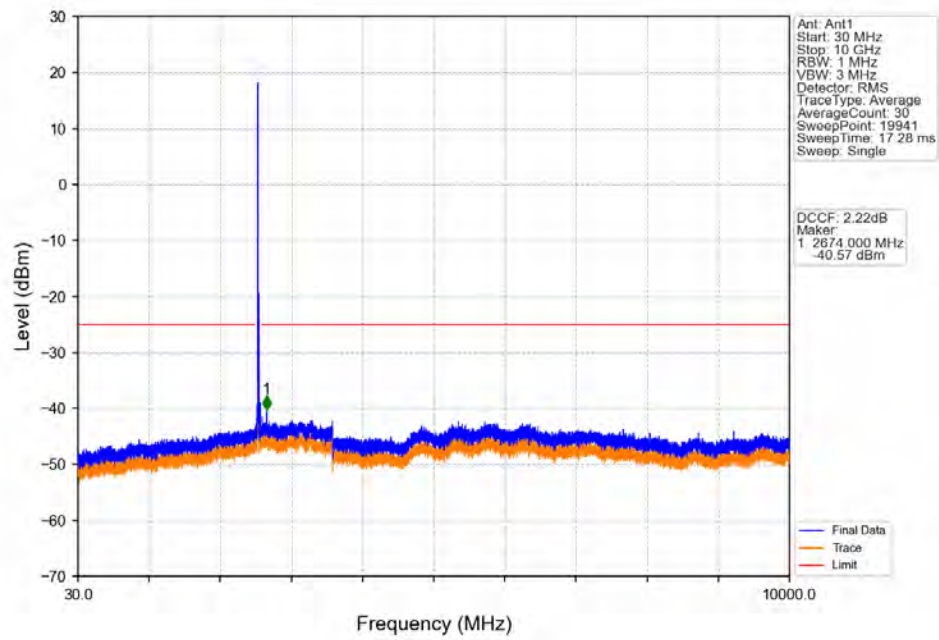
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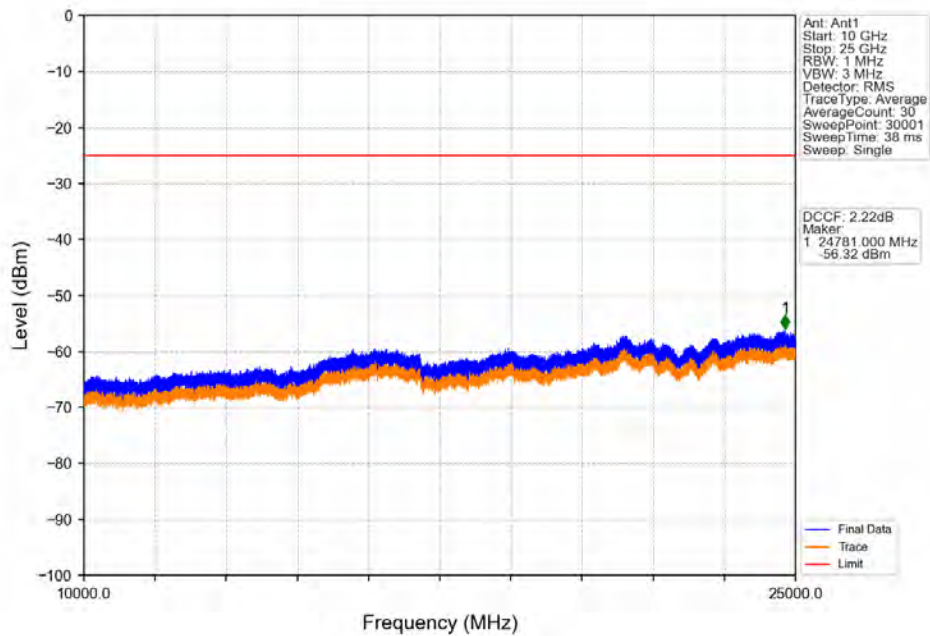
Band41 20MHz 16QAM LCH 2560MHz RB 1 0 NTNV



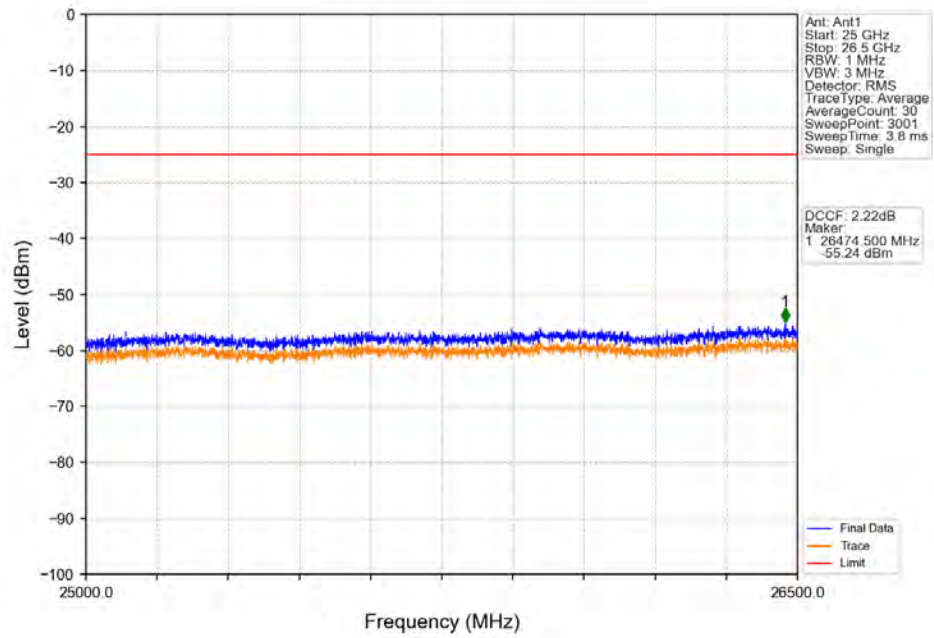
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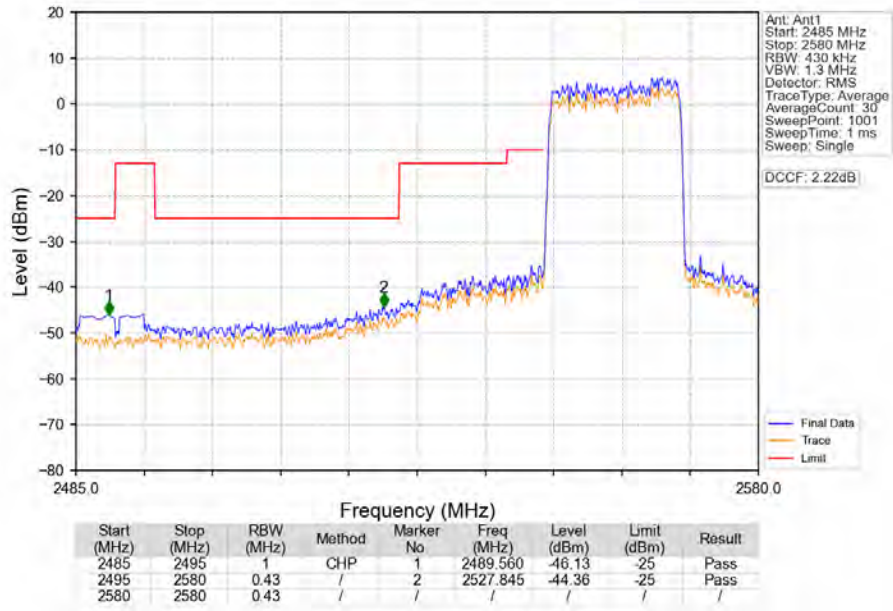
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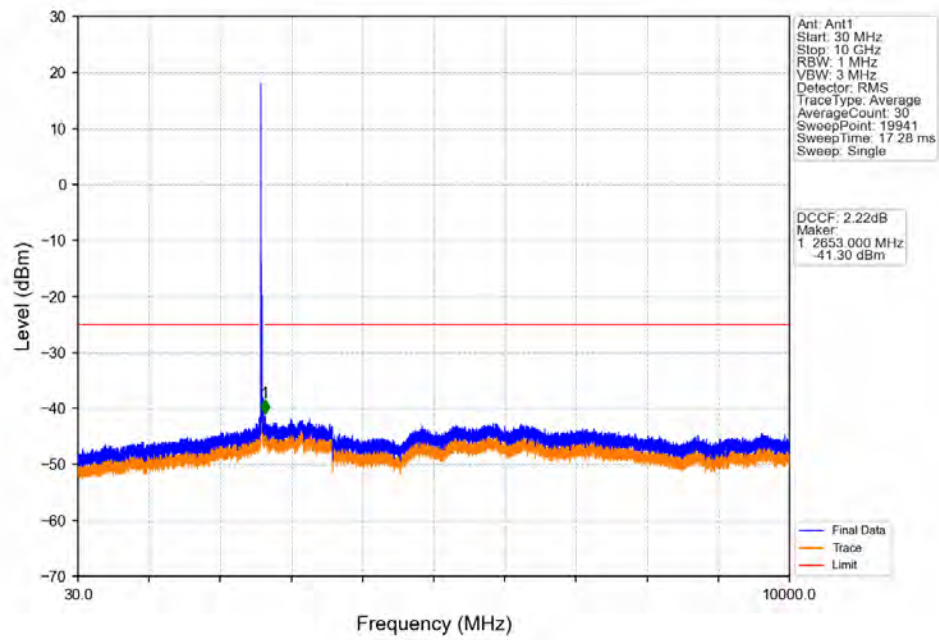
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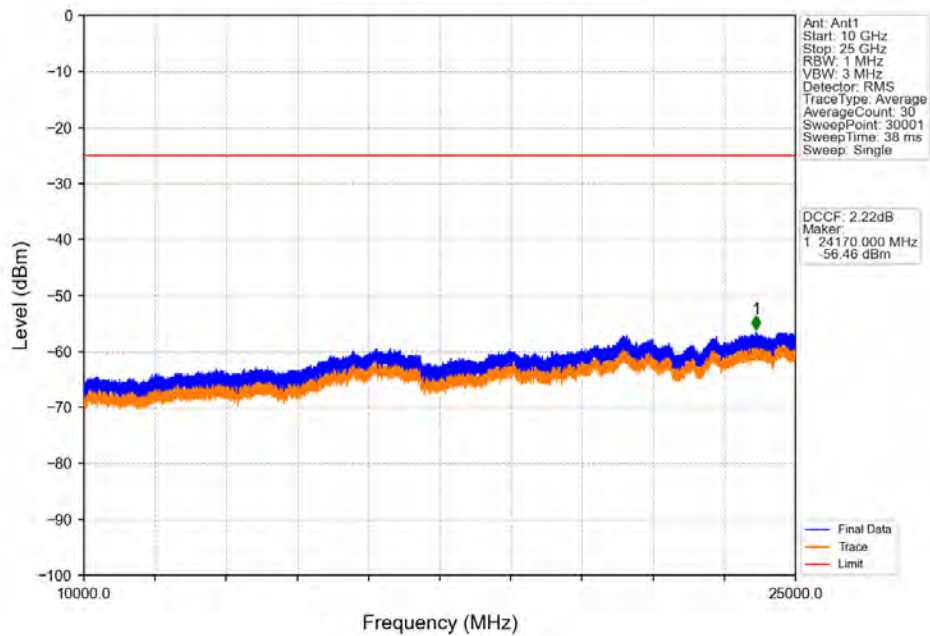
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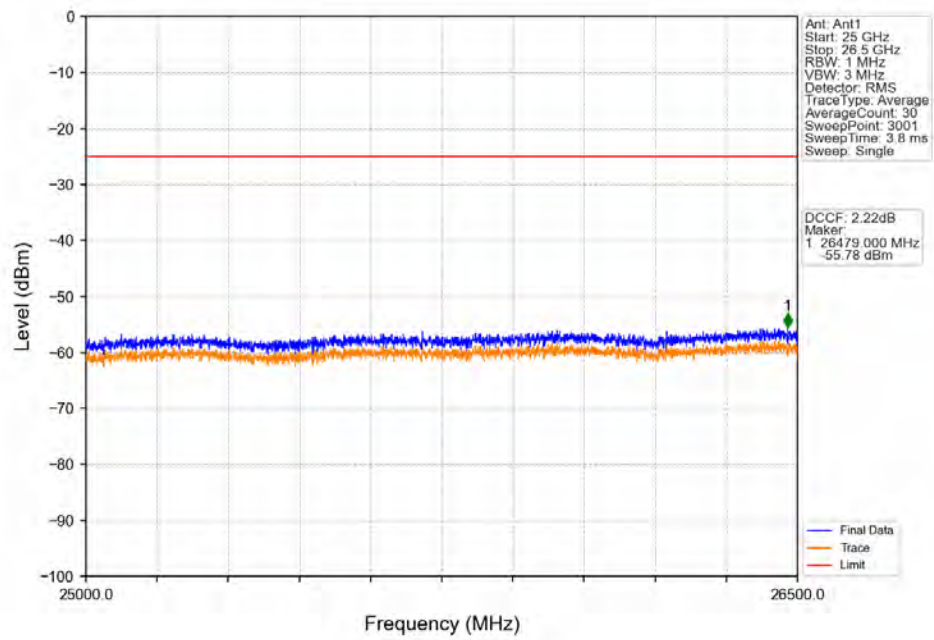
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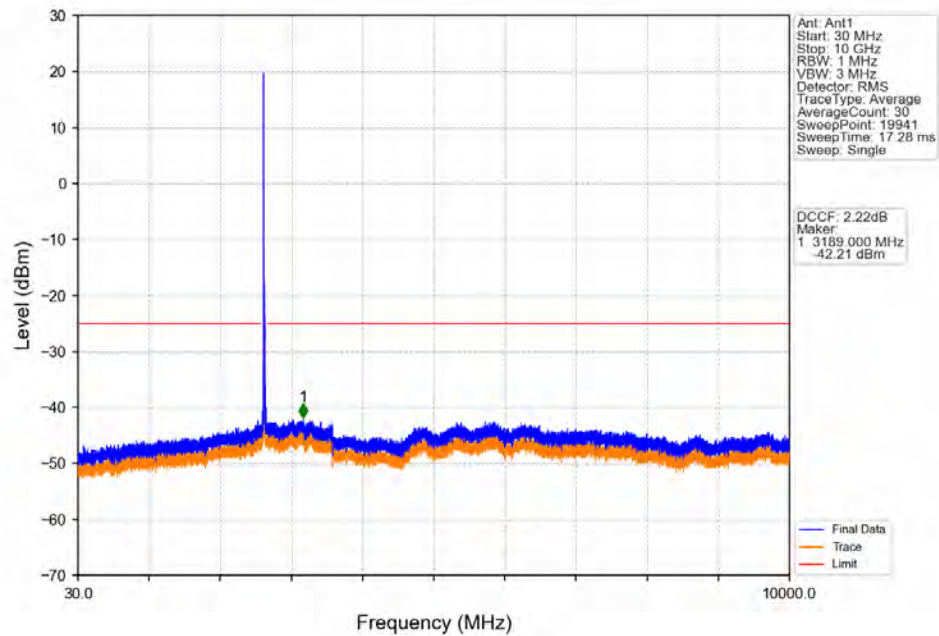
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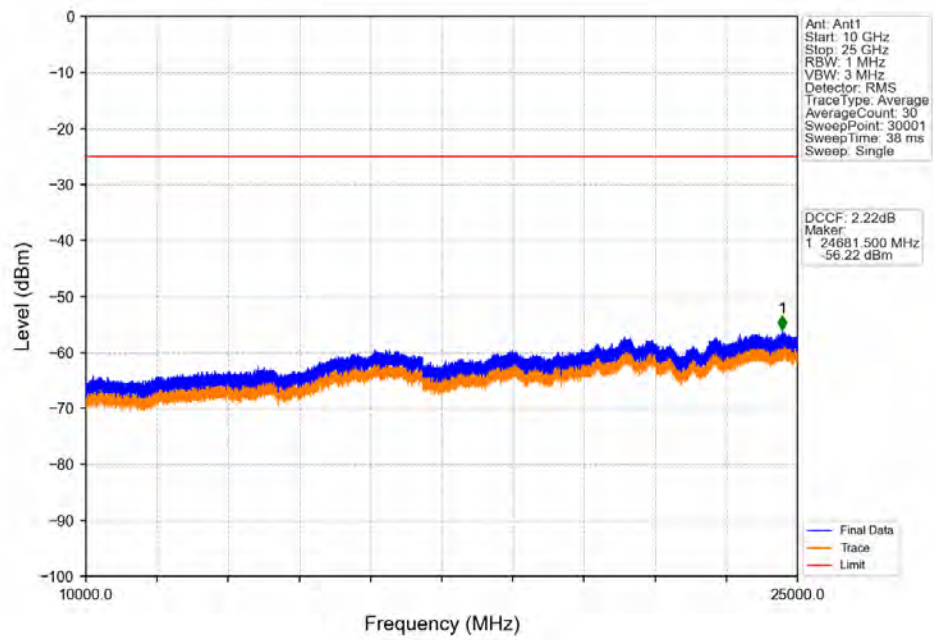
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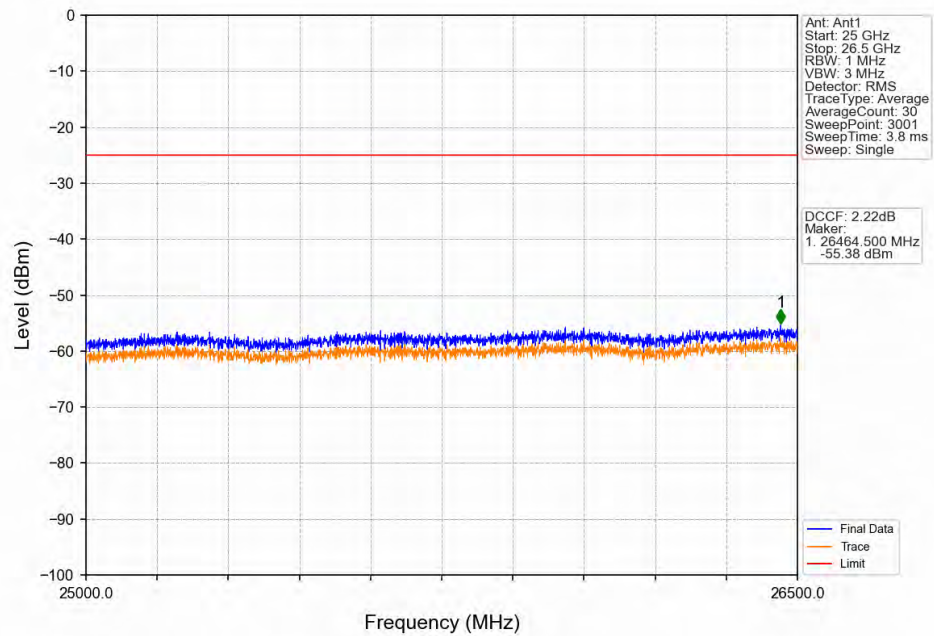
Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV



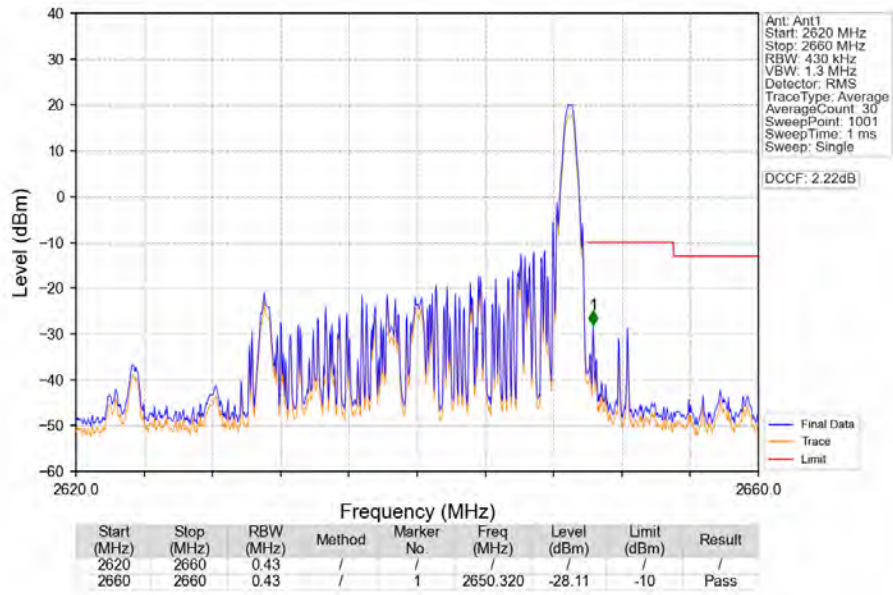
Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV



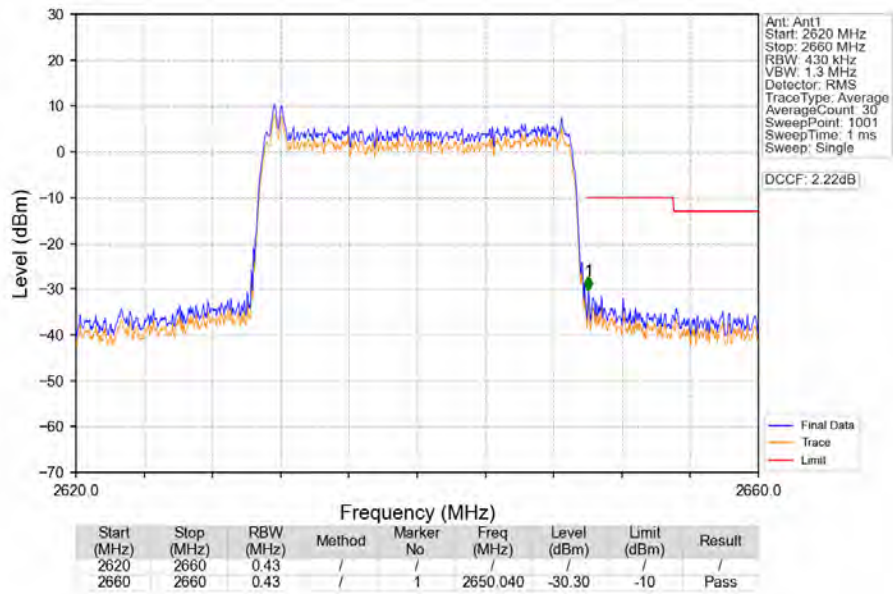
Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV



Band41 20MHz 16QAM HCH 2640MHz RB 1 99 NTNV



Band41 20MHz 16QAM HCH 2640MHz RB 100 0 NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2552.5	2647.5	0.2153	0.3418	ppm	4M58G7D	27M	23.33
41	5	2552.5	2647.5	0.1778	0.3455	ppm	4M60W7D	27M	22.50
41	10	2555	2645	0.2291	0.0056	ppm	9M10G7D	27M	23.60
41	10	2555	2645	0.1828	0.0064	ppm	9M11W7D	27M	22.62
41	15	2557.5	2642.5	0.2183	0.0064	ppm	13M6G7D	27M	23.39
41	15	2557.5	2642.5	0.1754	0.0046	ppm	13M7W7D	27M	22.44
41	20	2560	2640	0.2163	0.0048	ppm	18M2G7D	27M	23.35
41	20	2560	2640	0.1738	0.0049	ppm	18M2W7D	27M	22.40

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2552.5	2647.5	0.2070	0.3418	ppm	4M58G7D	27M	23.16
41	5	2552.5	2647.5	0.1710	0.3455	ppm	4M60W7D	27M	22.33
41	10	2555	2645	0.2203	0.0056	ppm	9M10G7D	27M	23.43
41	10	2555	2645	0.1758	0.0064	ppm	9M11W7D	27M	22.45
41	15	2557.5	2642.5	0.2099	0.0064	ppm	13M6G7D	27M	23.22
41	15	2557.5	2642.5	0.1687	0.0046	ppm	13M7W7D	27M	22.27
41	20	2560	2640	0.2080	0.0048	ppm	18M2G7D	27M	23.18
41	20	2560	2640	0.1671	0.0049	ppm	18M2W7D	27M	22.23