1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.03	4.00	27.03	<=33.01	Pass
			13	23.09	4.00	27.09	<=33.01	Pass
			24	23.01	4.00	27.01	<=33.01	Pass
		12	0	22.09	4.00	26.09	<=33.01	Pass
			6	22.14	4.00	26.14	<=33.01	Pass
			13	22.15	4.00	26.15	<=33.01	Pass
		25	0	22.08	4.00	26.08	<=33.01	Pass
	2593	1	0	23.12	4.00	27.12	<=33.01	Pass
			13	23.18	4.00	27.18	<=33.01	Pass
			24	23.12	4.00	27.12	<=33.01	Pass
		12	0	22.07	4.00	26.07	<=33.01	Pass
			6	22.11	4.00	26.11	<=33.01	Pass
			13	22.08	4.00	26.08	<=33.01	Pass
		25	0	22.07	4.00	26.07	<=33.01	Pass
	2687.5	1	0	23.19	4.00	27.19	<=33.01	Pass
			13	23.28	4.00	27.28	<=33.01	Pass
			24	23.23	4.00	27.23	<=33.01	Pass
		12	0	22.32	4.00	26.32	<=33.01	Pass
			6	22.39	4.00	26.39	<=33.01	Pass
			13	22.38	4.00	26.38	<=33.01	Pass
		25	0	22.37	4.00	26.37	<=33.01	Pass
16QAM	2498.5	1	0	22.11	4.00	26.11	<=33.01	Pass
			13	22.14	4.00	26.14	<=33.01	Pass
			24	22.13	4.00	26.13	<=33.01	Pass
		12	0	21.06	4.00	25.06	<=33.01	Pass
			6	21.12	4.00	25.12	<=33.01	Pass
			13	21.12	4.00	25.12	<=33.01	Pass
		25	0	21.11	4.00	25.11	<=33.01	Pass
	2593	1	0	22.09	4.00	26.09	<=33.01	Pass
			13	22.15	4.00	26.15	<=33.01	Pass
			24	22.08	4.00	26.08	<=33.01	Pass
		12	0	21.01	4.00	25.01	<=33.01	Pass
			6	21.08	4.00	25.08	<=33.01	Pass
			13	21.05	4.00	25.05	<=33.01	Pass
		25	0	21.01	4.00	25.01	<=33.01	Pass
	2687.5	1	0	22.03	4.00	26.03	<=33.01	Pass
			13	22.40	4.00	26.40	<=33.01	Pass
			24	22.36	4.00	26.36	<=33.01	Pass
		12	0	21.31	4.00	25.31	<=33.01	Pass
			6	21.32	4.00	25.32	<=33.01	Pass
			13	21.39	4.00	25.39	<=33.01	Pass
		25	0	21.32	4.00	25.32	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.13	4.00	27.13	<=33.01	Pass
			25	23.10	4.00	27.10	<=33.01	Pass
			49	23.11	4.00	27.11	<=33.01	Pass
		25	0	22.10	4.00	26.10	<=33.01	Pass
			13	22.12	4.00	26.12	<=33.01	Pass
			25	22.11	4.00	26.11	<=33.01	Pass
		50	0	22.12	4.00	26.12	<=33.01	Pass
	2593	1	0	23.04	4.00	27.04	<=33.01	Pass
			25	23.05	4.00	27.05	<=33.01	Pass
			49	23.00	4.00	27.00	<=33.01	Pass
		25	0	22.07	4.00	26.07	<=33.01	Pass
			13	22.12	4.00	26.12	<=33.01	Pass
			25	22.10	4.00	26.10	<=33.01	Pass
		50	0	22.08	4.00	26.08	<=33.01	Pass
	2685	1	0	23.35	4.00	27.35	<=33.01	Pass
			25	23.31	4.00	27.31	<=33.01	Pass
			49	23.41	4.00	27.41	<=33.01	Pass
		25	0	22.32	4.00	26.32	<=33.01	Pass
			13	22.34	4.00	26.34	<=33.01	Pass
			25	22.38	4.00	26.38	<=33.01	Pass
		50	0	22.36	4.00	26.36	<=33.01	Pass
16QAM	2501	1	0	22.11	4.00	26.11	<=33.01	Pass
			25	22.17	4.00	26.17	<=33.01	Pass
			49	22.10	4.00	26.10	<=33.01	Pass
		25	0	21.13	4.00	25.13	<=33.01	Pass
			13	21.17	4.00	25.17	<=33.01	Pass
			25	21.15	4.00	25.15	<=33.01	Pass
		50	0	21.08	4.00	25.08	<=33.01	Pass
	2593	1	0	21.81	4.00	25.81	<=33.01	Pass
			25	21.91	4.00	25.91	<=33.01	Pass
			49	21.89	4.00	25.89	<=33.01	Pass
		25	0	21.10	4.00	25.10	<=33.01	Pass
			13	21.08	4.00	25.08	<=33.01	Pass
			25	21.11	4.00	25.11	<=33.01	Pass
		50	0	21.06	4.00	25.06	<=33.01	Pass
	2685	1	0	22.12	4.00	26.12	<=33.01	Pass
			25	22.47	4.00	26.47	<=33.01	Pass
			49	22.02	4.00	26.02	<=33.01	Pass
		25	0	21.27	4.00	25.27	<=33.01	Pass
			13	21.38	4.00	25.38	<=33.01	Pass
			25	21.41	4.00	25.41	<=33.01	Pass
		50	0	21.28	4.00	25.28	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.09	4.00	27.09	<=33.01	Pass
			38	23.06	4.00	27.06	<=33.01	Pass
			74	23.10	4.00	27.10	<=33.01	Pass

		36	0	22.16	4.00	26.16	<=33.01	Pass
			18	22.18	4.00	26.18	<=33.01	Pass
			39	22.15	4.00	26.15	<=33.01	Pass
		75	0	22.19	4.00	26.19	<=33.01	Pass
	2593	1	0	23.05	4.00	27.05	<=33.01	Pass
			38	23.10	4.00	27.10	<=33.01	Pass
			74	23.04	4.00	27.04	<=33.01	Pass
		36	0	22.11	4.00	26.11	<=33.01	Pass
			18	22.13	4.00	26.13	<=33.01	Pass
			39	22.13	4.00	26.13	<=33.01	Pass
		75	0	22.13	4.00	26.13	<=33.01	Pass
	2682.5	1	0	23.11	4.00	27.11	<=33.01	Pass
			38	23.33	4.00	27.33	<=33.01	Pass
			74	23.27	4.00	27.27	<=33.01	Pass
		36	0	22.29	4.00	26.29	<=33.01	Pass
			18	22.32	4.00	26.32	<=33.01	Pass
			39	22.41	4.00	26.41	<=33.01	Pass
		75	0	22.35	4.00	26.35	<=33.01	Pass
16QAM	2503.5	1	0	22.12	4.00	26.12	<=33.01	Pass
			38	22.12	4.00	26.12	<=33.01	Pass
			74	22.15	4.00	26.15	<=33.01	Pass
		36	0	21.15	4.00	25.15	<=33.01	Pass
			18	21.13	4.00	25.13	<=33.01	Pass
			39	21.14	4.00	25.14	<=33.01	Pass
		75	0	21.15	4.00	25.15	<=33.01	Pass
	2593	1	0	21.96	4.00	25.96	<=33.01	Pass
			38	21.87	4.00	25.87	<=33.01	Pass
			74	21.95	4.00	25.95	<=33.01	Pass
		36	0	21.07	4.00	25.07	<=33.01	Pass
			18	21.09	4.00	25.09	<=33.01	Pass
			39	21.06	4.00	25.06	<=33.01	Pass
		75	0	21.09	4.00	25.09	<=33.01	Pass
	2682.5	1	0	21.93	4.00	25.93	<=33.01	Pass
			38	22.03	4.00	26.03	<=33.01	Pass
			74	22.40	4.00	26.40	<=33.01	Pass
		36	0	21.33	4.00	25.33	<=33.01	Pass
			18	21.35	4.00	25.35	<=33.01	Pass
			39	21.37	4.00	25.37	<=33.01	Pass
		75	0	21.30	4.00	25.30	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	23.09	4.00	27.09	<=33.01	Pass
			50	23.14	4.00	27.14	<=33.01	Pass
			99	23.11	4.00	27.11	<=33.01	Pass
		50	0	22.11	4.00	26.11	<=33.01	Pass
			25	22.14	4.00	26.14	<=33.01	Pass
			50	22.11	4.00	26.11	<=33.01	Pass
		100	0	22.15	4.00	26.15	<=33.01	Pass
	2593	1	0	23.09	4.00	27.09	<=33.01	Pass
			50	23.07	4.00	27.07	<=33.01	Pass

			99	23.11	4.00	27.11	<=33.01	Pass
		50	0	22.10	4.00	26.10	<=33.01	Pass
			25	22.09	4.00	26.09	<=33.01	Pass
			50	22.13	4.00	26.13	<=33.01	Pass
		100	0	22.14	4.00	26.14	<=33.01	Pass
	2680	1	0	23.23	4.00	27.23	<=33.01	Pass
			50	23.27	4.00	27.27	<=33.01	Pass
			99	23.36	4.00	27.36	<=33.01	Pass
		50	0	22.24	4.00	26.24	<=33.01	Pass
			25	22.24	4.00	26.24	<=33.01	Pass
			50	22.31	4.00	26.31	<=33.01	Pass
		100	0	22.32	4.00	26.32	<=33.01	Pass
16QAM	2506	1	0	22.38	4.00	26.38	<=33.01	Pass
			50	22.04	4.00	26.04	<=33.01	Pass
			99	22.07	4.00	26.07	<=33.01	Pass
		50	0	21.15	4.00	25.15	<=33.01	Pass
			25	21.17	4.00	25.17	<=33.01	Pass
			50	21.13	4.00	25.13	<=33.01	Pass
		100	0	21.09	4.00	25.09	<=33.01	Pass
	2593	1	0	21.78	4.00	25.78	<=33.01	Pass
			50	21.77	4.00	25.77	<=33.01	Pass
			99	21.71	4.00	25.71	<=33.01	Pass
		50	0	21.07	4.00	25.07	<=33.01	Pass
			25	21.13	4.00	25.13	<=33.01	Pass
			50	21.21	4.00	25.21	<=33.01	Pass
		100	0	21.11	4.00	25.11	<=33.01	Pass
	2680	1	0	22.22	4.00	26.22	<=33.01	Pass
			50	21.79	4.00	25.79	<=33.01	Pass
			99	22.46	4.00	26.46	<=33.01	Pass
		50	0	21.23	4.00	25.23	<=33.01	Pass
			25	21.32	4.00	25.32	<=33.01	Pass
			50	21.31	4.00	25.31	<=33.01	Pass
		100	0	21.29	4.00	25.29	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

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	2498.5	25	0	20	3.27	1.625	0.0007	-2.5 to 2.5	Pass
					3.85	4.845	0.0019	-2.5 to 2.5	Pass
					4.43	11.622	0.0047	-2.5 to 2.5	Pass
				-30	3.85	9.369	0.0037	-2.5 to 2.5	Pass
				-20	3.85	10.954	0.0044	-2.5 to 2.5	Pass
				-10	3.85	6.460	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.345	0.0013	-2.5 to 2.5	Pass
				10	3.85	7.389	0.0030	-2.5 to 2.5	Pass
				30	3.85	2.218	0.0009	-2.5 to 2.5	Pass
				40	3.85	4.046	0.0016	-2.5 to 2.5	Pass

				50	3.85	7.008	0.0028	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	10.848	0.0042	-2.5 to 2.5	Pass
					3.85	1.922	0.0007	-2.5 to 2.5	Pass
					4.43	10.359	0.0040	-2.5 to 2.5	Pass
				-30	3.85	4.702	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.469	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	7.085	0.0027	-2.5 to 2.5	Pass
				0	3.85	6.532	0.0025	-2.5 to 2.5	Pass
				10	3.85	5.651	0.0022	-2.5 to 2.5	Pass
				30	3.85	6.009	0.0023	-2.5 to 2.5	Pass
				40	3.85	9.062	0.0035	-2.5 to 2.5	Pass
				50	3.85	2.107	0.0008	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-10.893	-0.0041	-2.5 to 2.5	Pass
					3.85	-5.758	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.946	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.413	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-11.548	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-1.007	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-12.539	-0.0047	-2.5 to 2.5	Pass
				10	3.85	1.379	0.0005	-2.5 to 2.5	Pass
				30	3.85	-7.375	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.209	-0.0031	-2.5 to 2.5	Pass
				50	3.85	0.815	0.0003	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	2.401	0.0010	-2.5 to 2.5	Pass
					3.85	7.414	0.0030	-2.5 to 2.5	Pass
					4.43	8.753	0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.846	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.340	0.0013	-2.5 to 2.5	Pass
				-10	3.85	4.241	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.537	0.0010	-2.5 to 2.5	Pass
				10	3.85	11.022	0.0044	-2.5 to 2.5	Pass
				30	3.85	5.289	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.047	0.0016	-2.5 to 2.5	Pass
				50	3.85	1.325	0.0005	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	12.831	0.0049	-2.5 to 2.5	Pass
					3.85	8.428	0.0033	-2.5 to 2.5	Pass
					4.43	2.188	0.0008	-2.5 to 2.5	Pass
				-30	3.85	4.579	0.0018	-2.5 to 2.5	Pass
				-20	3.85	9.139	0.0035	-2.5 to 2.5	Pass
				-10	3.85	10.904	0.0042	-2.5 to 2.5	Pass
				0	3.85	11.444	0.0044	-2.5 to 2.5	Pass
				10	3.85	5.706	0.0022	-2.5 to 2.5	Pass
				30	3.85	10.990	0.0042	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				50	3.85	5.340	0.0021	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	0.022	0.0000	-2.5 to 2.5	Pass
					3.85	0.236	0.0001	-2.5 to 2.5	Pass
					4.43	-6.011	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.949	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.706	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.121	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.081	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.548	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-10.032	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-10.609	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-1.598	-0.0006	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

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	2501	50	0	20	3.27	-12.744	-0.0051	-2.5 to 2.5	Pass
					3.85	-9.666	-0.0039	-2.5 to 2.5	Pass
					4.43	-1.480	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-9.418	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-9.220	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.619	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-4.755	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.987	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-8.895	-0.0036	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	6.685	0.0026	-2.5 to 2.5	Pass
					3.85	11.452	0.0044	-2.5 to 2.5	Pass
					4.43	8.954	0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.168	0.0001	-2.5 to 2.5	Pass
				-20	3.85	6.015	0.0023	-2.5 to 2.5	Pass
				-10	3.85	13.757	0.0053	-2.5 to 2.5	Pass
				0	3.85	1.985	0.0008	-2.5 to 2.5	Pass
				10	3.85	9.917	0.0038	-2.5 to 2.5	Pass
				30	3.85	0.552	0.0002	-2.5 to 2.5	Pass
				40	3.85	9.903	0.0038	-2.5 to 2.5	Pass
				50	3.85	1.990	0.0008	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	4.187	0.0016	-2.5 to 2.5	Pass
					3.85	-7.447	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.867	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-8.008	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.602	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.840	0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.102	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-5.374	-0.0020	-2.5 to 2.5	Pass
				30	3.85	2.860	0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.047	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-7.188	-0.0027	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-4.482	-0.0018	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0023	-2.5 to 2.5	Pass
					4.43	-11.501	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.136	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-9.920	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.335	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-12.594	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-1.899	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-9.935	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-8.610	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-6.035	-0.0024	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	10.201	0.0039	-2.5 to 2.5	Pass
					3.85	7.580	0.0029	-2.5 to 2.5	Pass
					4.43	8.960	0.0035	-2.5 to 2.5	Pass
				-30	3.85	12.541	0.0048	-2.5 to 2.5	Pass
				-20	3.85	10.063	0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.248	0.0001	-2.5 to 2.5	Pass
				0	3.85	4.953	0.0019	-2.5 to 2.5	Pass

				10	3.85	9.196	0.0035	-2.5 to 2.5	Pass
				30	3.85	10.189	0.0039	-2.5 to 2.5	Pass
				40	3.85	11.615	0.0045	-2.5 to 2.5	Pass
				50	3.85	13.374	0.0052	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-0.537	-0.0002	-2.5 to 2.5	Pass
					3.85	0.933	0.0003	-2.5 to 2.5	Pass
					4.43	3.681	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.343	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.720	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.509	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.107	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.414	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.814	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.827	-0.0007	-2.5 to 2.5	Pass
				50	3.85	1.894	0.0007	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

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	2503.5	75	0	20	3.27	4.744	0.0019	-2.5 to 2.5	Pass
					3.85	2.159	0.0009	-2.5 to 2.5	Pass
					4.43	-2.640	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.626	0.0006	-2.5 to 2.5	Pass
				-20	3.85	6.684	0.0027	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0007	-2.5 to 2.5	Pass
				0	3.85	-8.091	-0.0032	-2.5 to 2.5	Pass
				10	3.85	1.301	0.0005	-2.5 to 2.5	Pass
				30	3.85	3.040	0.0012	-2.5 to 2.5	Pass
				40	3.85	-6.685	-0.0027	-2.5 to 2.5	Pass
				50	3.85	1.598	0.0006	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	1.678	0.0006	-2.5 to 2.5	Pass
					3.85	3.772	0.0015	-2.5 to 2.5	Pass
					4.43	1.973	0.0008	-2.5 to 2.5	Pass
				-30	3.85	8.264	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-1.075	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.485	-0.0002	-2.5 to 2.5	Pass
				0	3.85	9.820	0.0038	-2.5 to 2.5	Pass
				10	3.85	10.440	0.0040	-2.5 to 2.5	Pass
				30	3.85	2.566	0.0010	-2.5 to 2.5	Pass
				40	3.85	9.697	0.0037	-2.5 to 2.5	Pass
				50	3.85	0.848	0.0003	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-4.801	-0.0018	-2.5 to 2.5	Pass
					3.85	-10.293	-0.0038	-2.5 to 2.5	Pass
					4.43	-8.499	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-10.177	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-11.319	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-5.195	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-10.865	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.046	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-5.757	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.167	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-11.392	-0.0042	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-8.594	-0.0034	-2.5 to 2.5	Pass

					3.85	2.295	0.0009	-2.5 to 2.5	Pass
					4.43	2.294	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.679	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.852	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-8.949	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.966	-0.0032	-2.5 to 2.5	Pass
				10	3.85	0.933	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.527	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.369	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.534	0.0006	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	8.222	0.0032	-2.5 to 2.5	Pass
					3.85	8.389	0.0032	-2.5 to 2.5	Pass
					4.43	7.301	0.0028	-2.5 to 2.5	Pass
				-30	3.85	5.826	0.0022	-2.5 to 2.5	Pass
				-20	3.85	9.481	0.0037	-2.5 to 2.5	Pass
				-10	3.85	7.559	0.0029	-2.5 to 2.5	Pass
				0	3.85	8.139	0.0031	-2.5 to 2.5	Pass
				10	3.85	9.289	0.0036	-2.5 to 2.5	Pass
				30	3.85	1.486	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.324	-0.0001	-2.5 to 2.5	Pass
				50	3.85	4.563	0.0018	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-14.357	-0.0054	-2.5 to 2.5	Pass
					3.85	-13.474	-0.0050	-2.5 to 2.5	Pass
					4.43	-12.673	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-9.276	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.467	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.327	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-11.240	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.133	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.461	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-11.713	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-8.024	-0.0030	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

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	2506	100	0	20	3.27	-0.700	-0.0003	-2.5 to 2.5	Pass
					3.85	9.071	0.0036	-2.5 to 2.5	Pass
					4.43	8.621	0.0034	-2.5 to 2.5	Pass
				-30	3.85	-0.640	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	4.065	0.0016	-2.5 to 2.5	Pass
				-10	3.85	9.140	0.0036	-2.5 to 2.5	Pass
				0	3.85	9.413	0.0038	-2.5 to 2.5	Pass
				10	3.85	6.330	0.0025	-2.5 to 2.5	Pass
				30	3.85	5.373	0.0021	-2.5 to 2.5	Pass
				40	3.85	8.748	0.0035	-2.5 to 2.5	Pass
				50	3.85	10.934	0.0044	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	5.995	0.0023	-2.5 to 2.5	Pass
					3.85	0.226	0.0001	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	6.376	0.0025	-2.5 to 2.5	Pass
				-20	3.85	9.628	0.0037	-2.5 to 2.5	Pass
				-10	3.85	1.900	0.0007	-2.5 to 2.5	Pass

				0	3.85	7.654	0.0030	-2.5 to 2.5	Pass
				10	3.85	1.813	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.213	0.0005	-2.5 to 2.5	Pass
				40	3.85	8.368	0.0032	-2.5 to 2.5	Pass
				50	3.85	2.145	0.0008	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	12.742	0.0048	-2.5 to 2.5	Pass
					3.85	0.197	0.0001	-2.5 to 2.5	Pass
					4.43	4.615	0.0017	-2.5 to 2.5	Pass
				-30	3.85	8.911	0.0033	-2.5 to 2.5	Pass
				-20	3.85	7.964	0.0030	-2.5 to 2.5	Pass
				-10	3.85	3.187	0.0012	-2.5 to 2.5	Pass
				0	3.85	4.986	0.0019	-2.5 to 2.5	Pass
				10	3.85	10.654	0.0040	-2.5 to 2.5	Pass
				30	3.85	7.858	0.0029	-2.5 to 2.5	Pass
				40	3.85	9.258	0.0035	-2.5 to 2.5	Pass
				50	3.85	6.629	0.0025	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	7.666	0.0031	-2.5 to 2.5	Pass
					3.85	-0.835	-0.0003	-2.5 to 2.5	Pass
					4.43	11.697	0.0047	-2.5 to 2.5	Pass
				-30	3.85	9.914	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.471	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.248	0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.366	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.713	-0.0003	-2.5 to 2.5	Pass
				30	3.85	2.741	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.436	0.0018	-2.5 to 2.5	Pass
				50	3.85	8.158	0.0033	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	13.714	0.0053	-2.5 to 2.5	Pass
					3.85	10.847	0.0042	-2.5 to 2.5	Pass
					4.43	8.209	0.0032	-2.5 to 2.5	Pass
				-30	3.85	5.398	0.0021	-2.5 to 2.5	Pass
				-20	3.85	11.192	0.0043	-2.5 to 2.5	Pass
				-10	3.85	6.920	0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.164	-0.0008	-2.5 to 2.5	Pass
				10	3.85	0.404	0.0002	-2.5 to 2.5	Pass
				30	3.85	7.644	0.0029	-2.5 to 2.5	Pass
				40	3.85	9.494	0.0037	-2.5 to 2.5	Pass
				50	3.85	5.286	0.0020	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	0.467	0.0002	-2.5 to 2.5	Pass
					3.85	-1.427	-0.0005	-2.5 to 2.5	Pass
					4.43	3.575	0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.576	0.0028	-2.5 to 2.5	Pass
				-20	3.85	9.755	0.0036	-2.5 to 2.5	Pass
				-10	3.85	0.725	0.0003	-2.5 to 2.5	Pass
				0	3.85	5.399	0.0020	-2.5 to 2.5	Pass
				10	3.85	6.659	0.0025	-2.5 to 2.5	Pass
				30	3.85	7.702	0.0029	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0004	-2.5 to 2.5	Pass
				50	3.85	4.738	0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.537	/	Pass
		2593	25	0	4.544	/	Pass
		2687.5	25	0	4.563	/	Pass
	16QAM	2498.5	25	0	4.547	/	Pass
		2593	25	0	4.548	/	Pass
		2687.5	25	0	4.565	/	Pass
10	QPSK	2501	50	0	9.043	/	Pass
		2593	50	0	9.060	/	Pass
		2685	50	0	9.026	/	Pass
	16QAM	2501	50	0	9.040	/	Pass
		2593	50	0	9.042	/	Pass
		2685	50	0	9.064	/	Pass
15	QPSK	2503.5	75	0	13.563	/	Pass
		2593	75	0	13.518	/	Pass
		2682.5	75	0	13.542	/	Pass
	16QAM	2503.5	75	0	13.593	/	Pass
		2593	75	0	13.572	/	Pass
		2682.5	75	0	13.567	/	Pass
20	QPSK	2506	100	0	18.095	/	Pass
		2593	100	0	18.022	/	Pass
		2680	100	0	18.009	/	Pass
	16QAM	2506	100	0	18.047	/	Pass
		2593	100	0	18.069	/	Pass
		2680	100	0	18.015	/	Pass

3.1.2 Band41_XDB

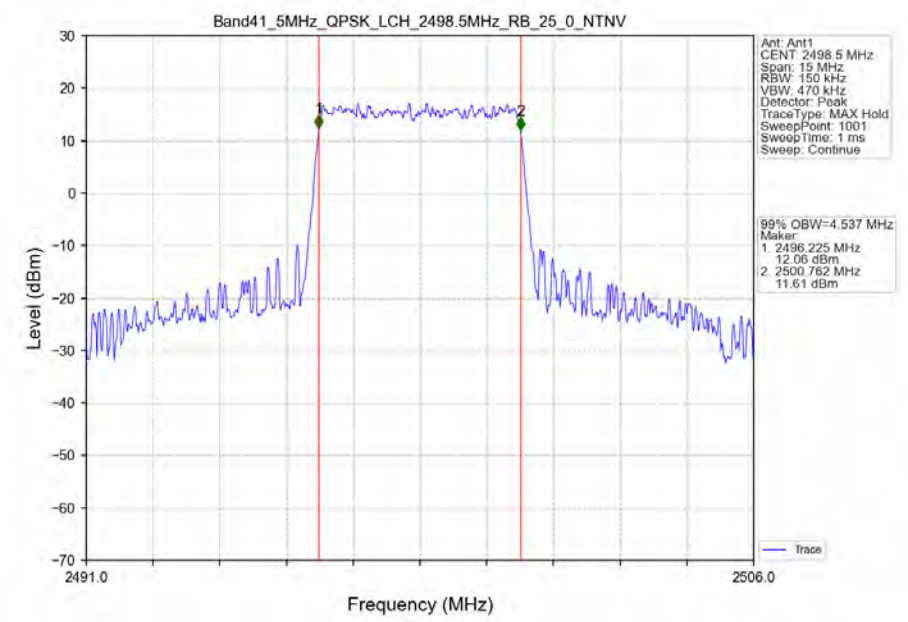
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.002	/	Pass
		2593	25	0	5.032	/	Pass
		2687.5	25	0	5.363	/	Pass
	16QAM	2498.5	25	0	5.025	/	Pass
		2593	25	0	4.987	/	Pass
		2687.5	25	0	5.487	/	Pass
10	QPSK	2501	50	0	9.837	/	Pass
		2593	50	0	9.877	/	Pass
		2685	50	0	9.952	/	Pass
	16QAM	2501	50	0	9.953	/	Pass
		2593	50	0	9.950	/	Pass
		2685	50	0	9.928	/	Pass
15	QPSK	2503.5	75	0	14.773	/	Pass
		2593	75	0	14.808	/	Pass
		2682.5	75	0	14.979	/	Pass
	16QAM	2503.5	75	0	14.729	/	Pass
		2593	75	0	14.811	/	Pass
		2682.5	75	0	14.763	/	Pass
20	QPSK	2506	100	0	19.703	/	Pass
		2593	100	0	19.844	/	Pass

		2680	100	0	19.571	/	Pass
	16QAM	2506	100	0	19.650	/	Pass
		2593	100	0	19.630	/	Pass
		2680	100	0	19.575	/	Pass

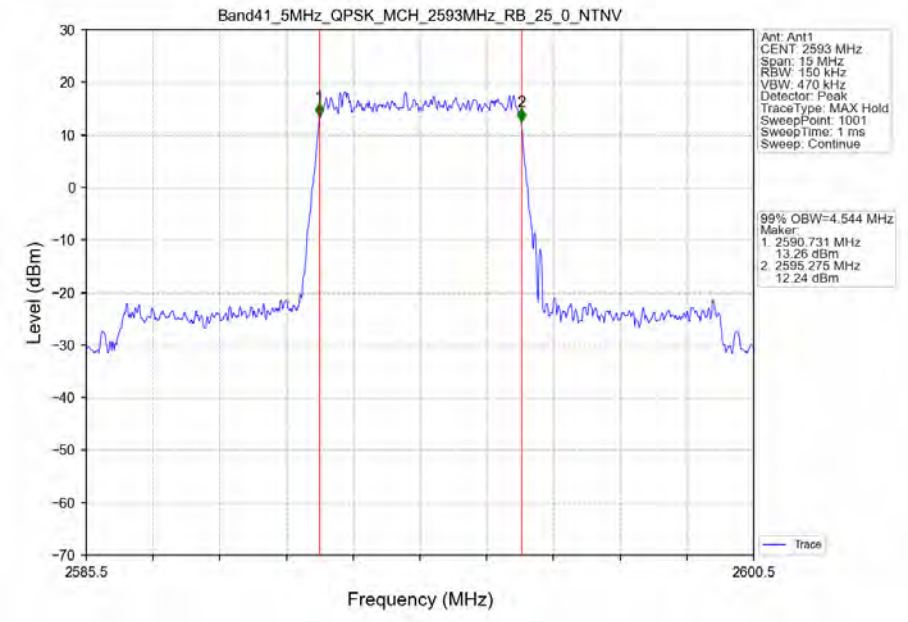
3.2 Test Graph

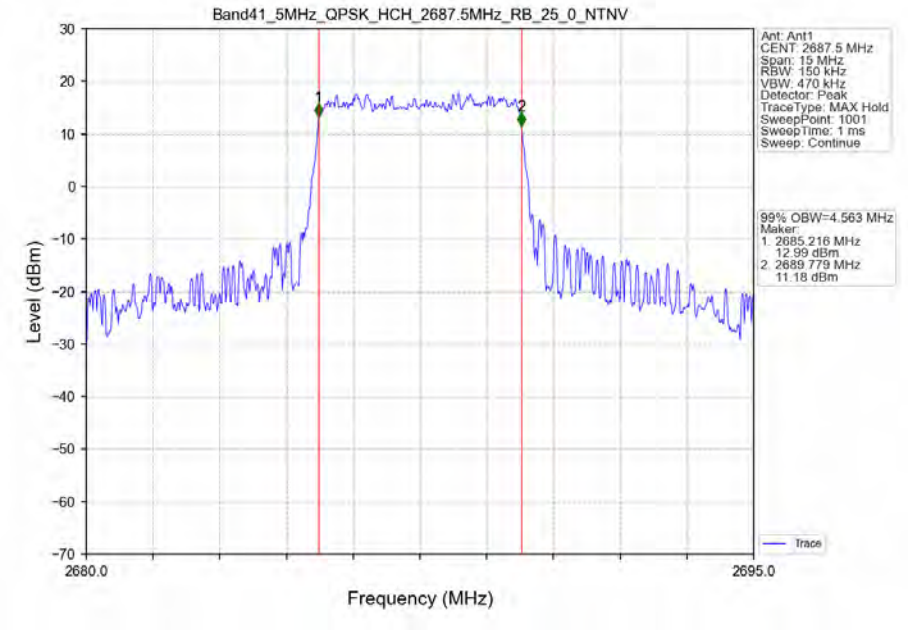
3.2.1 Band41_OBW

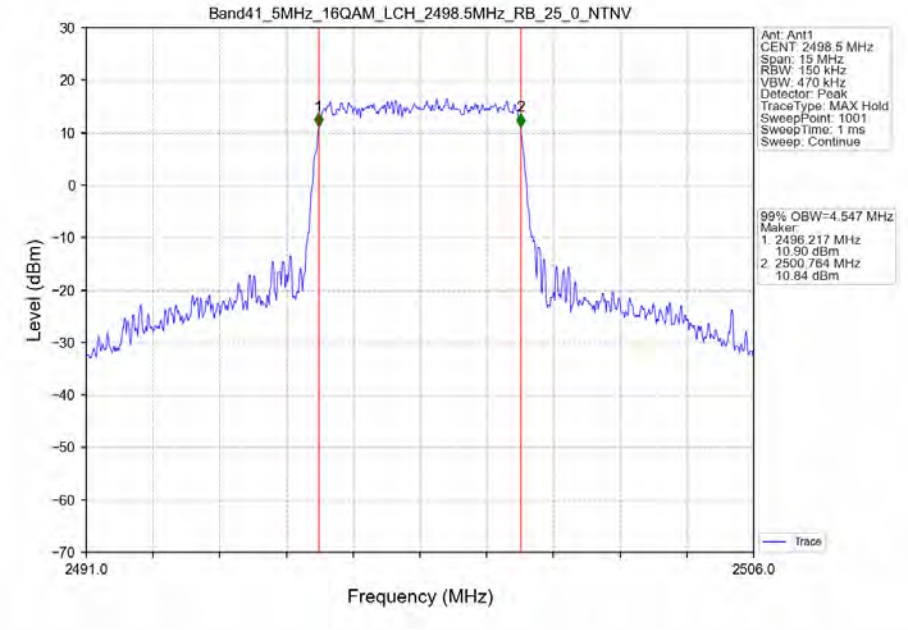
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

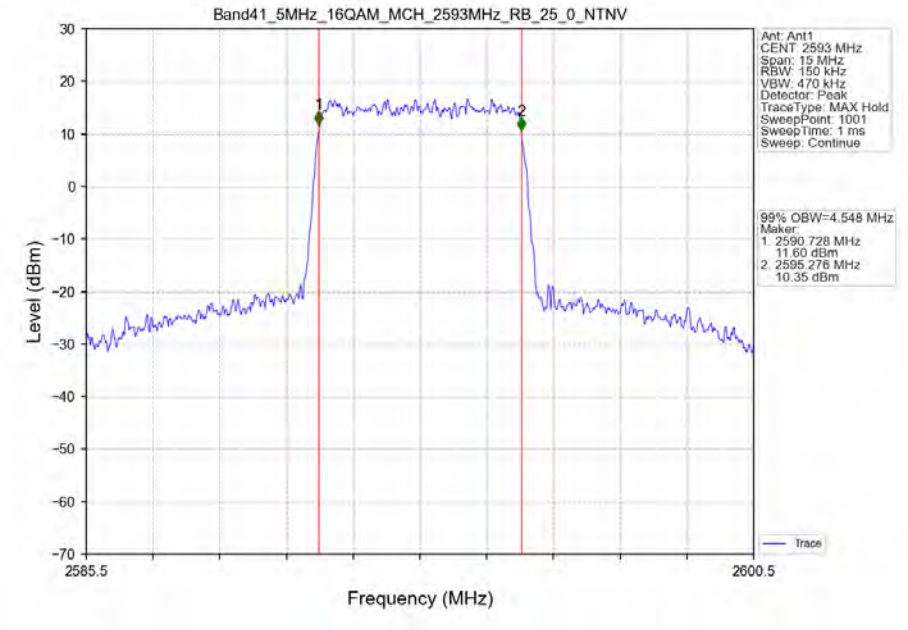


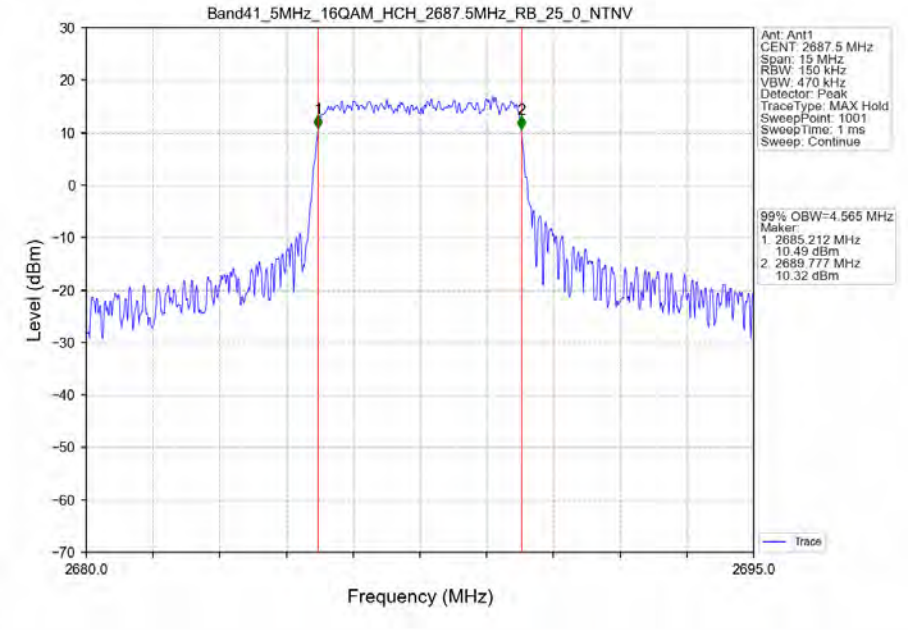
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV

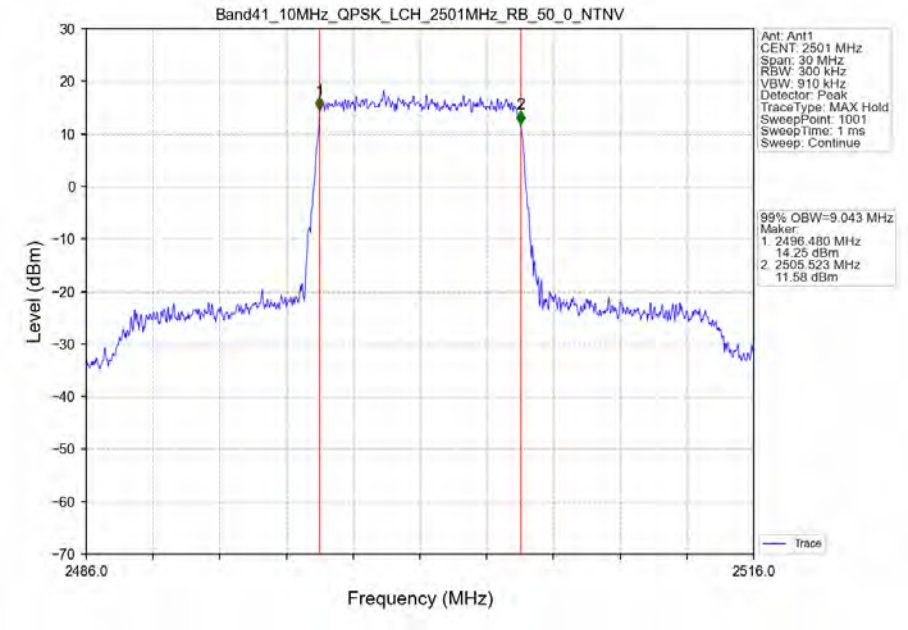


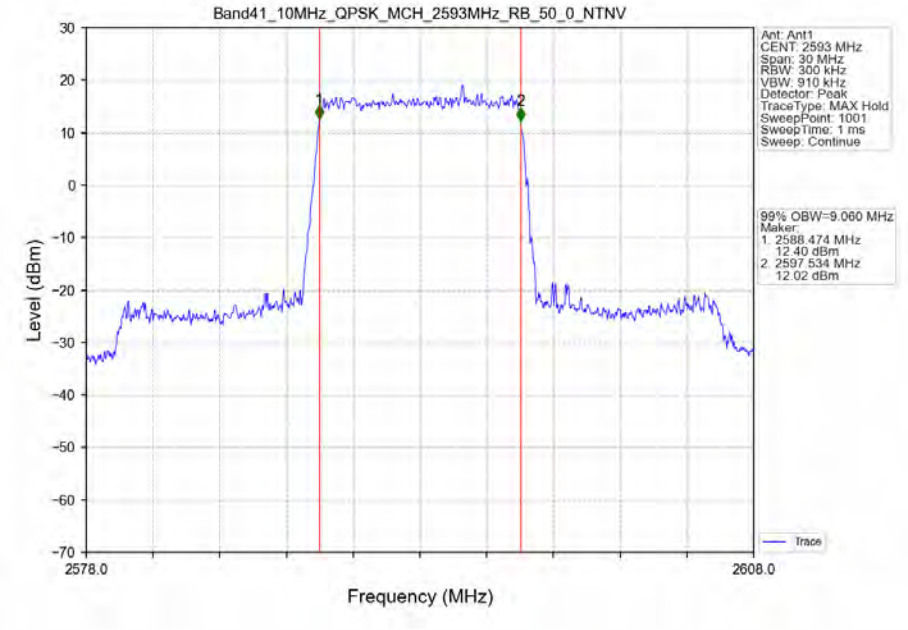
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV


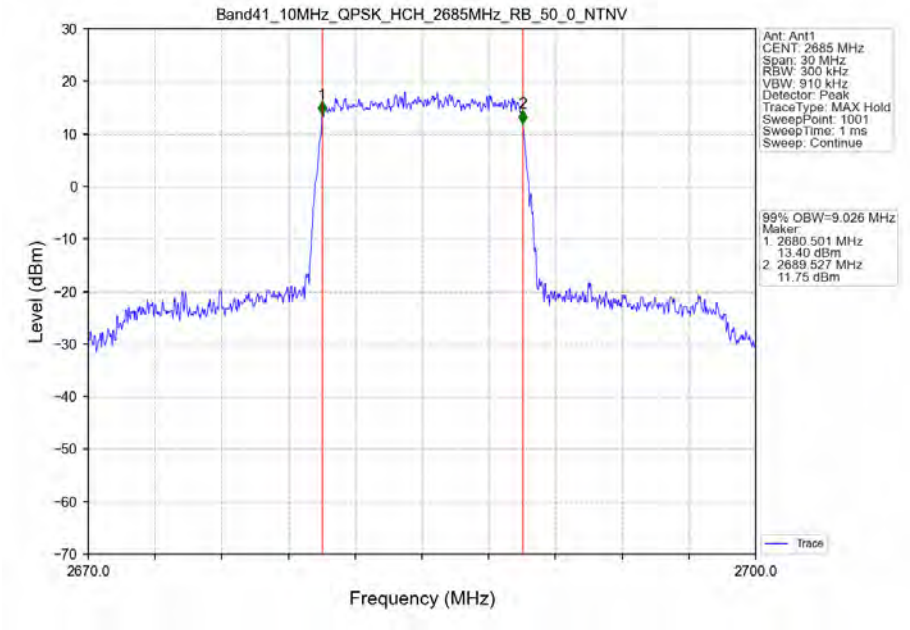
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV


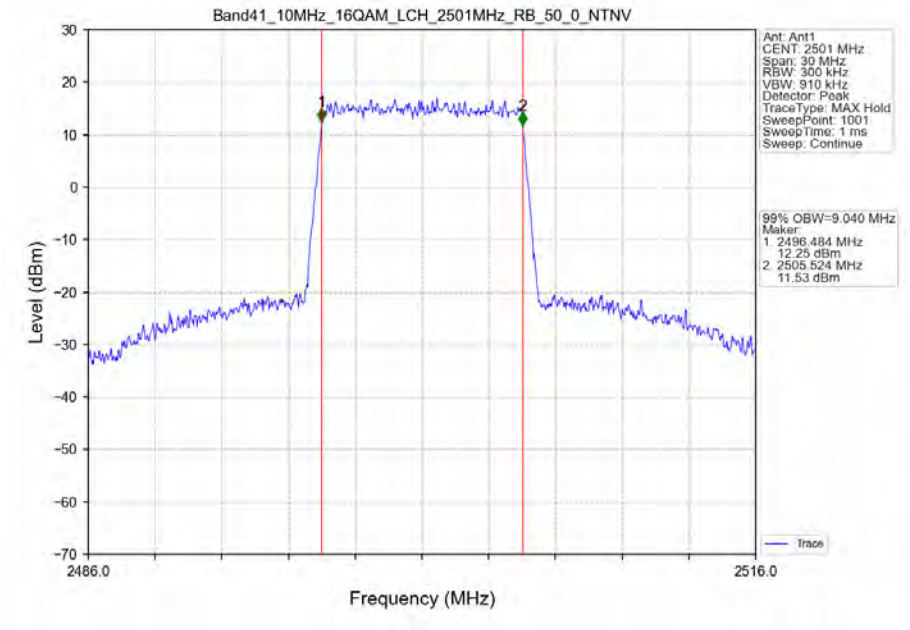
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV


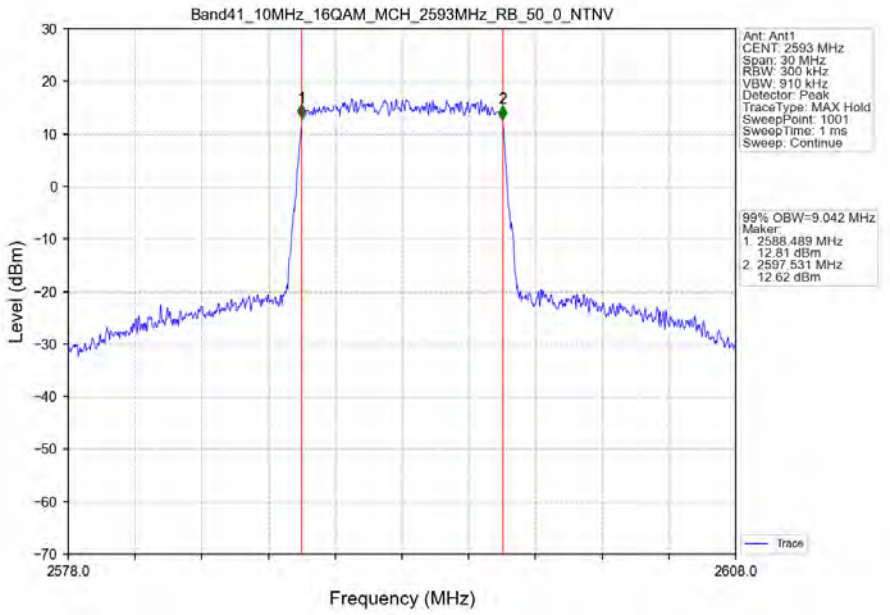
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV


Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV


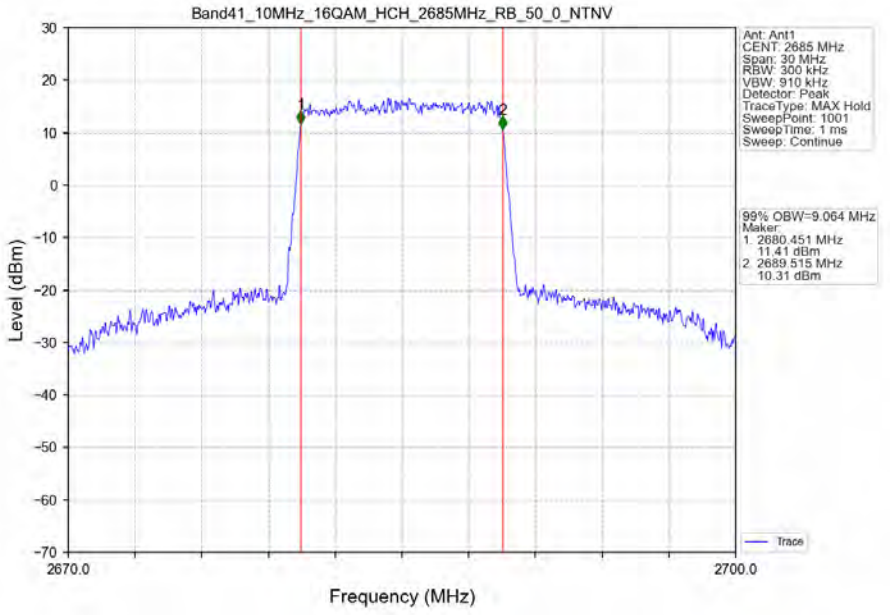
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV


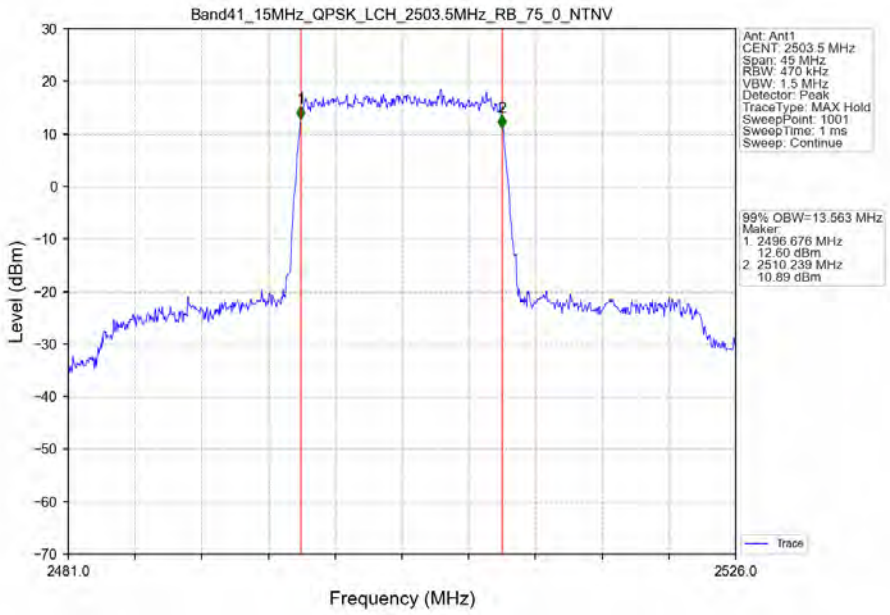
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



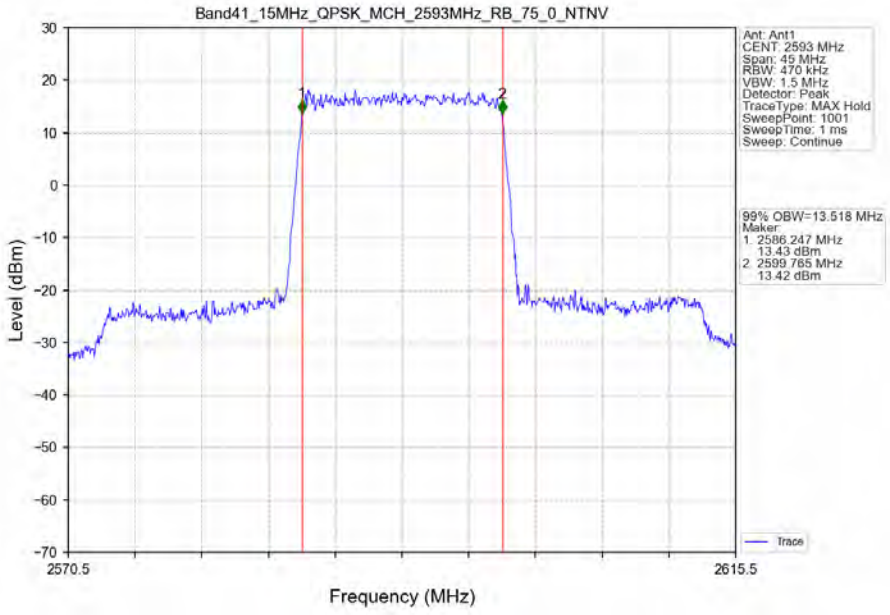
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

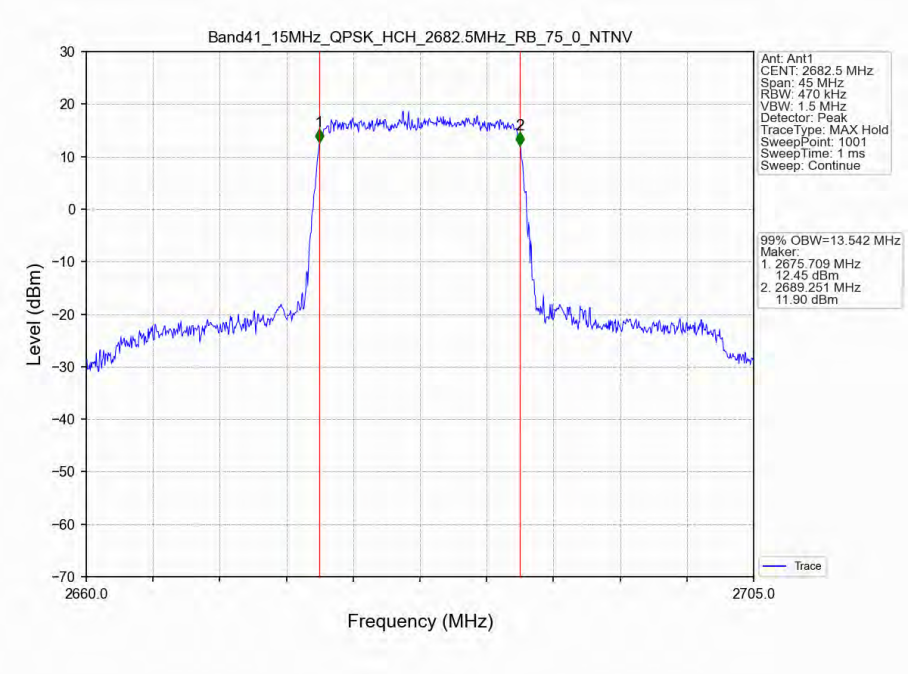


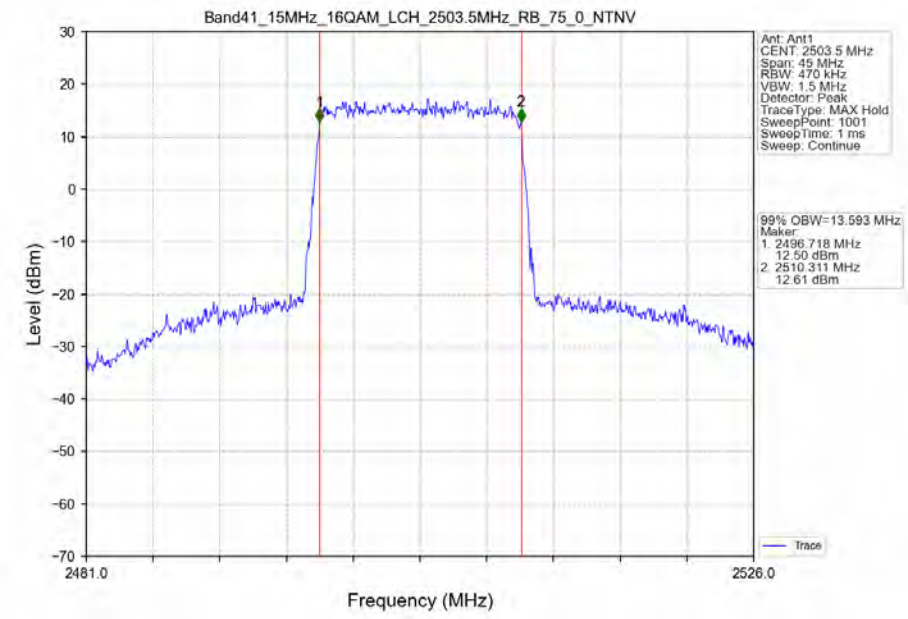
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



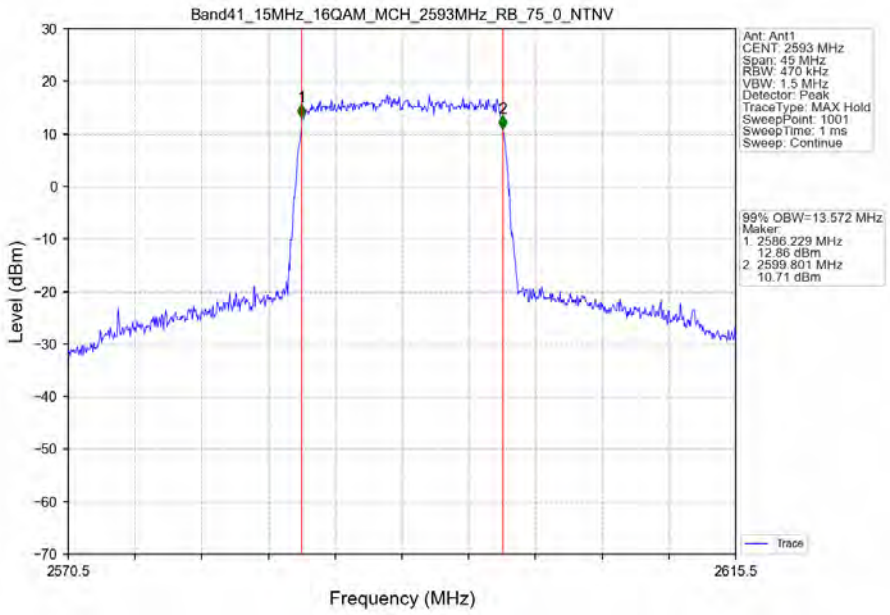
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



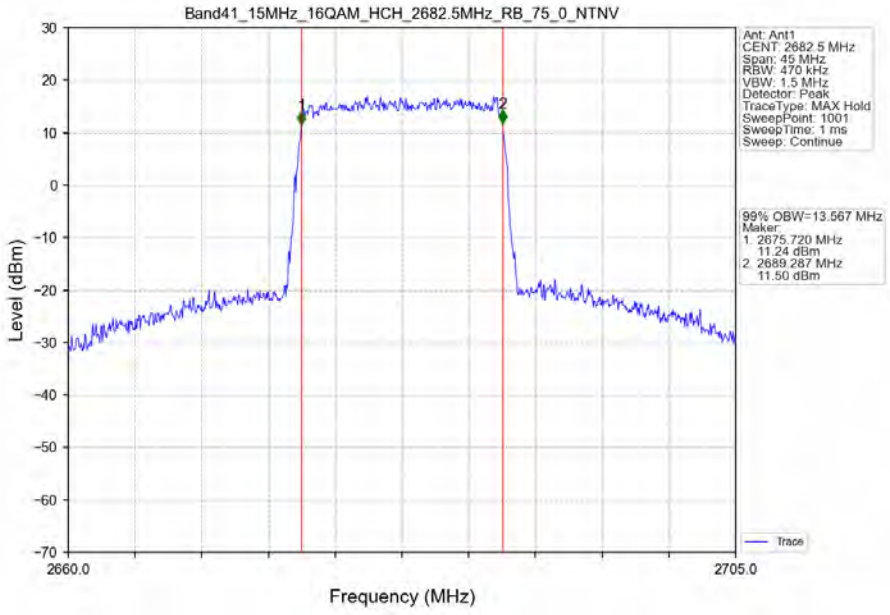
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV


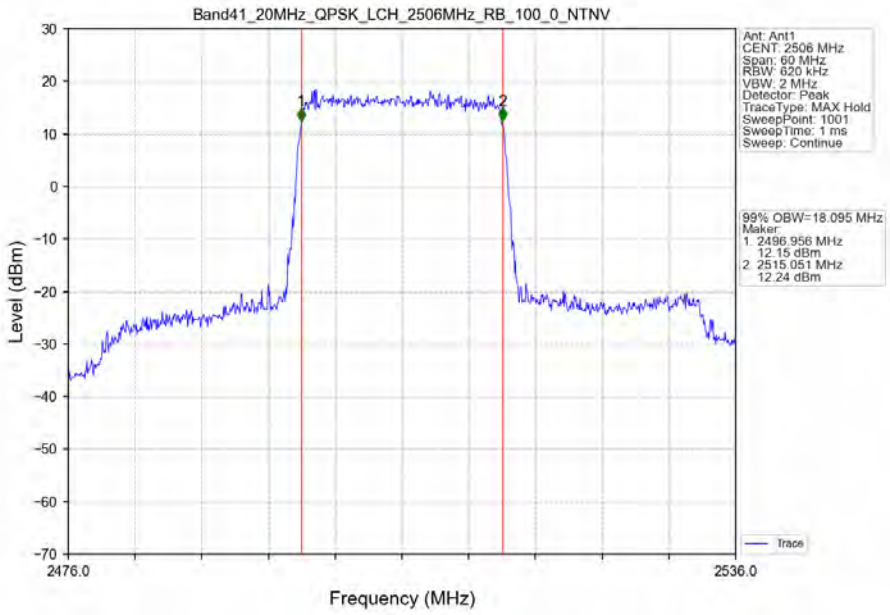
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



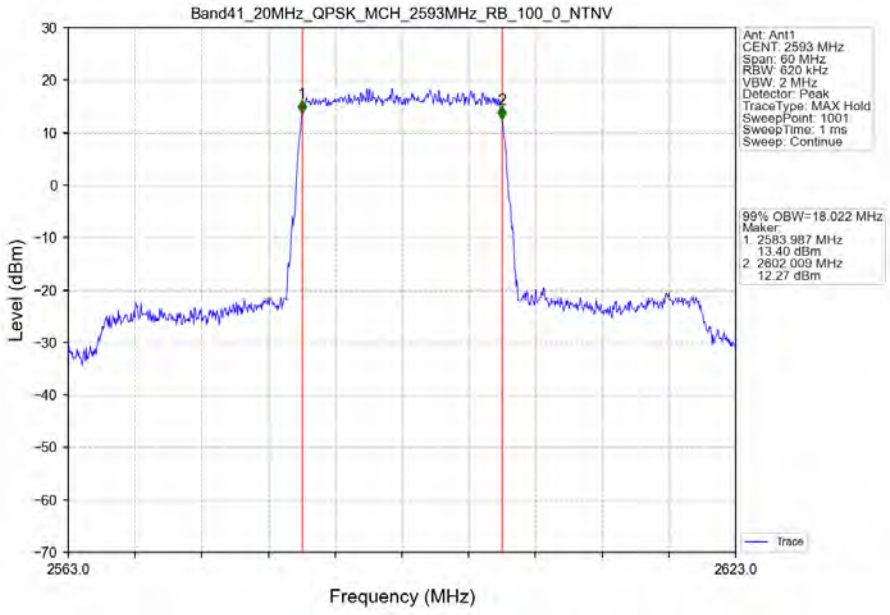
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



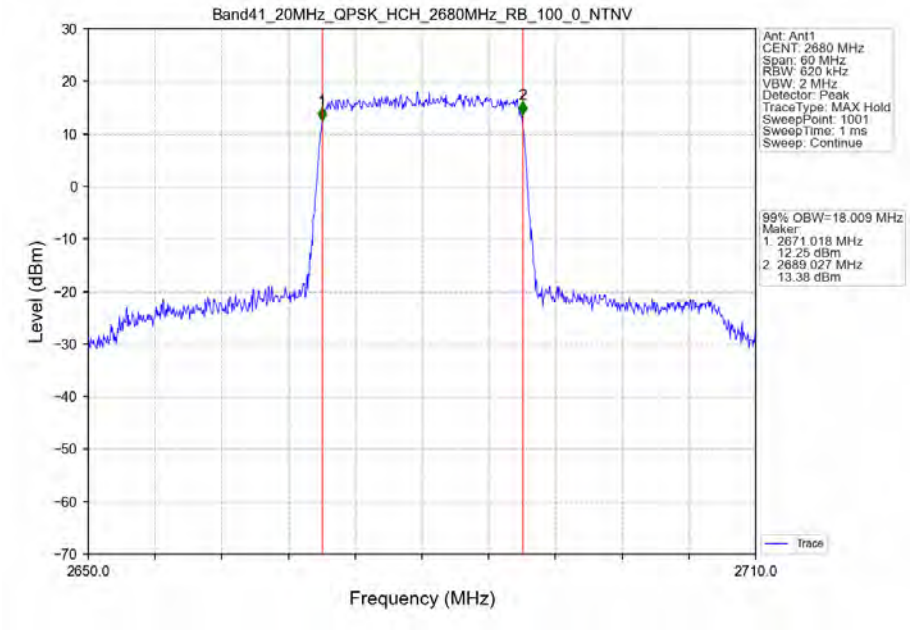
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



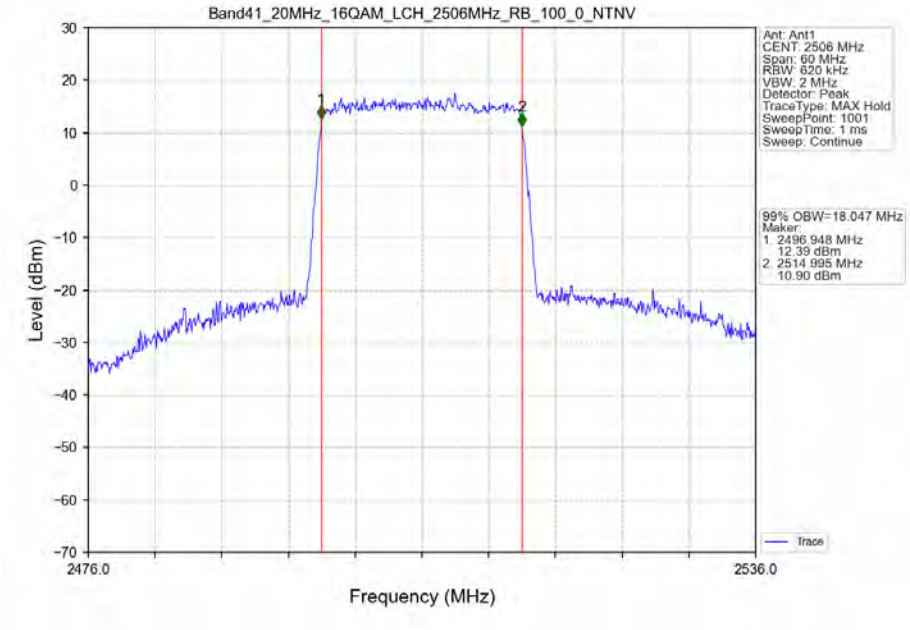
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV

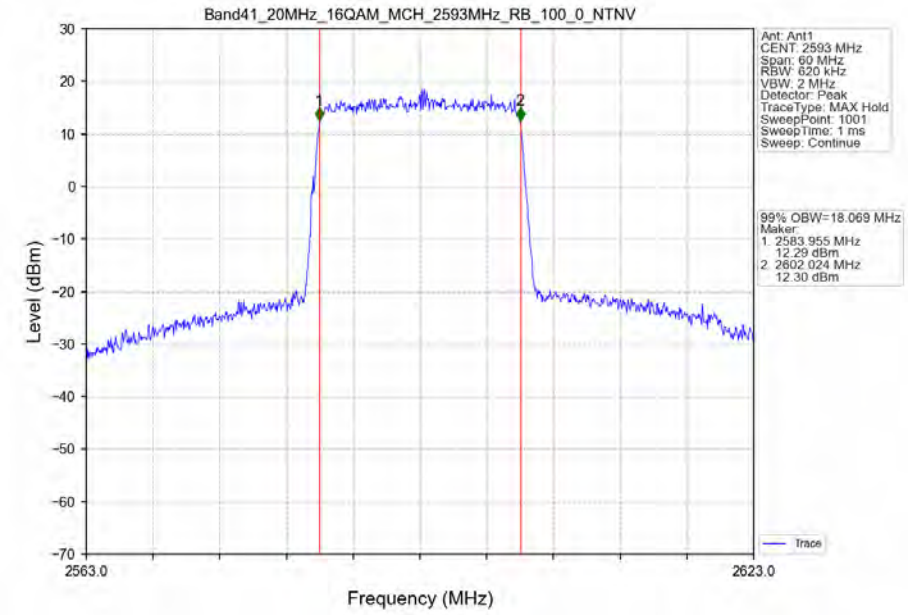


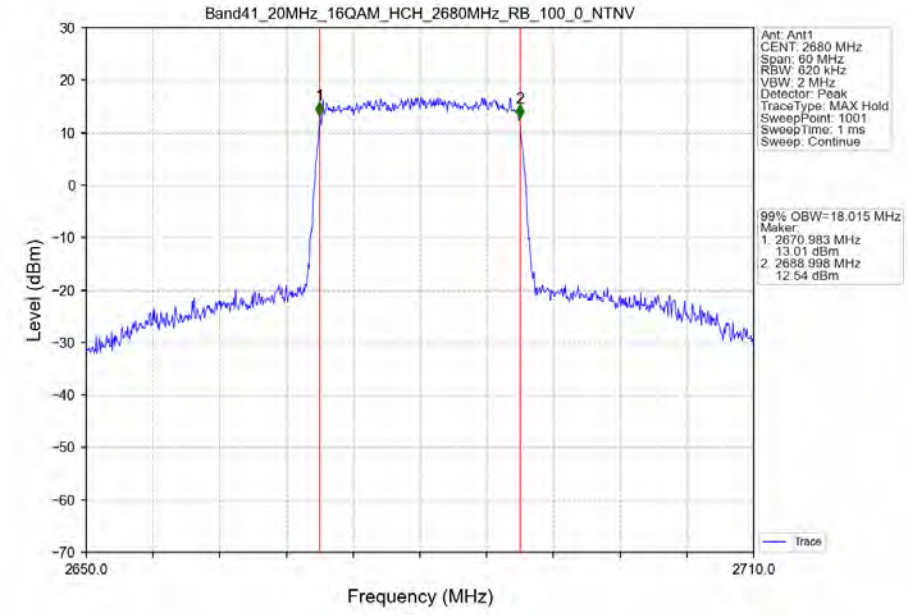
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

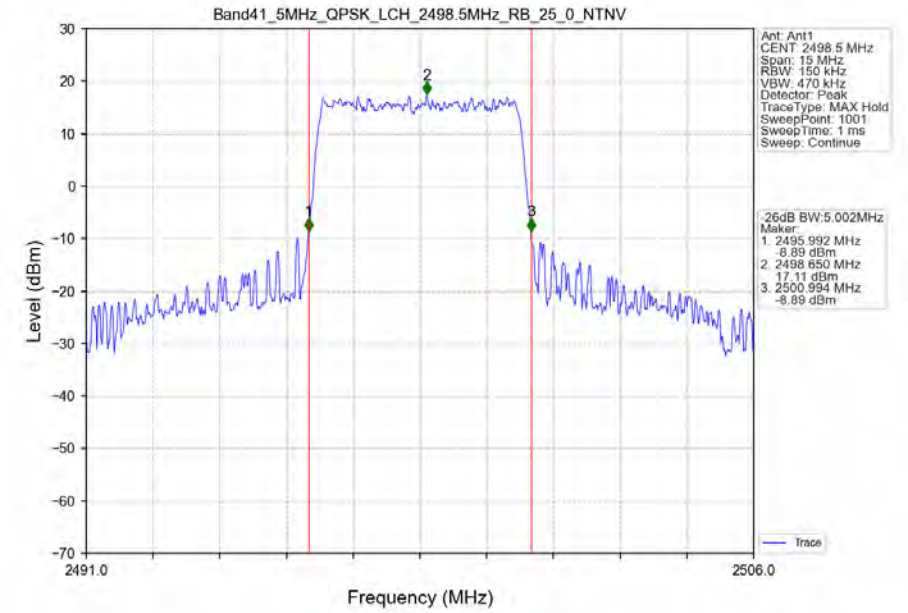


Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV


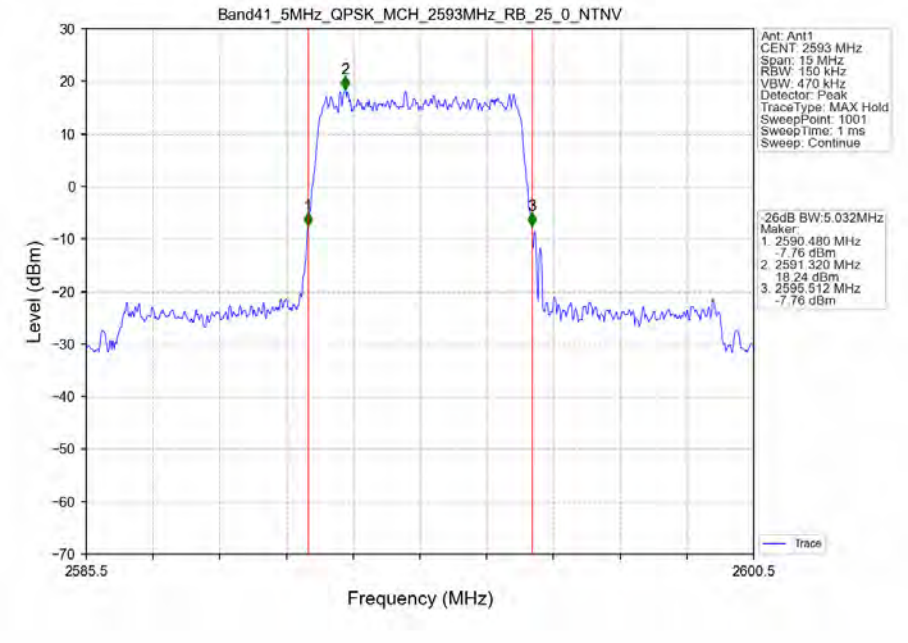
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV


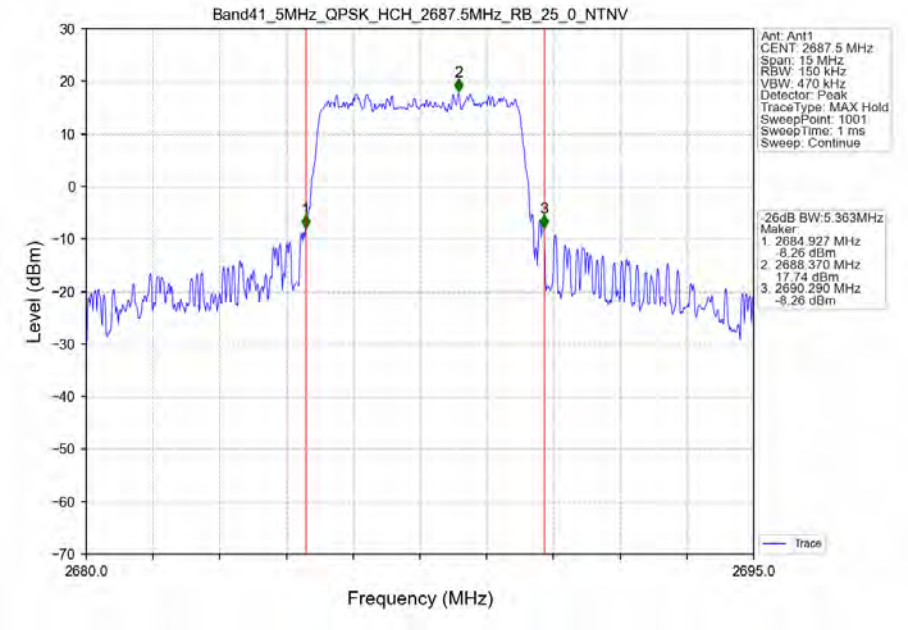
3.2.2 Band41_XDB

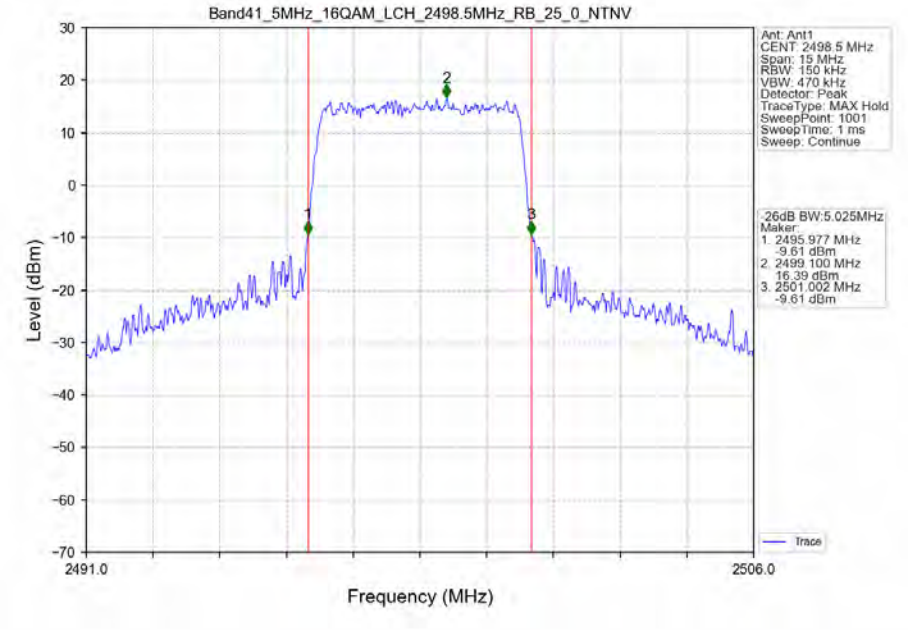
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



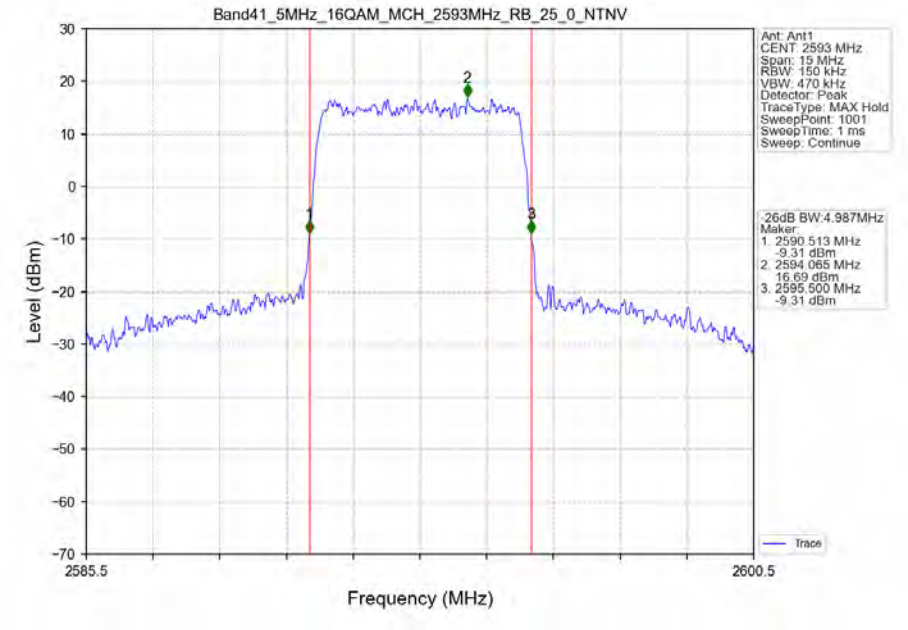
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



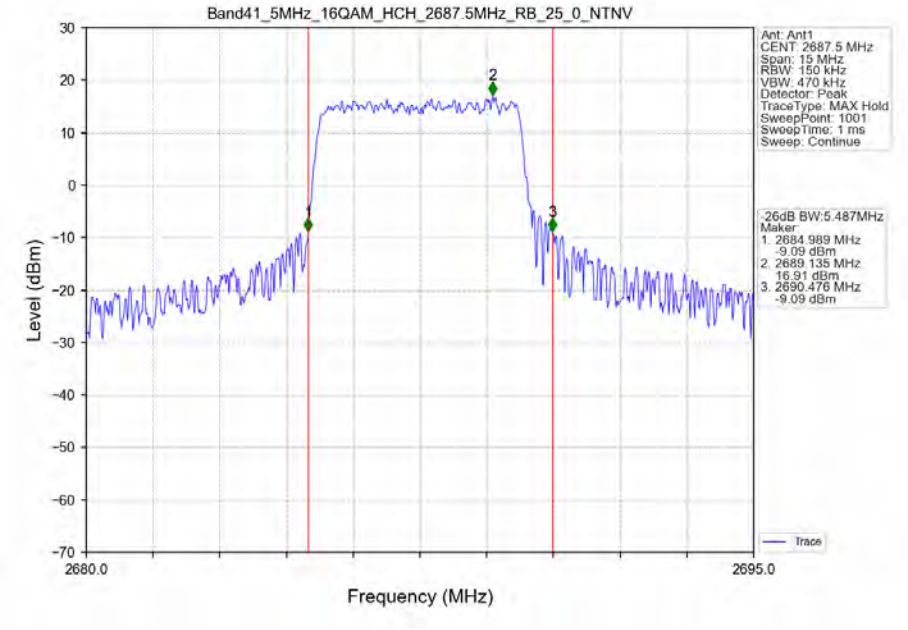
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV


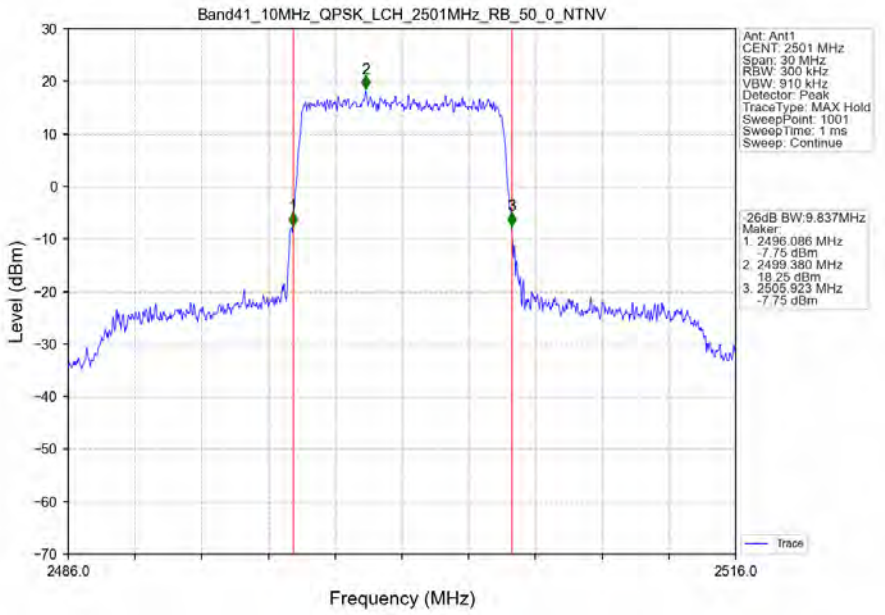
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV


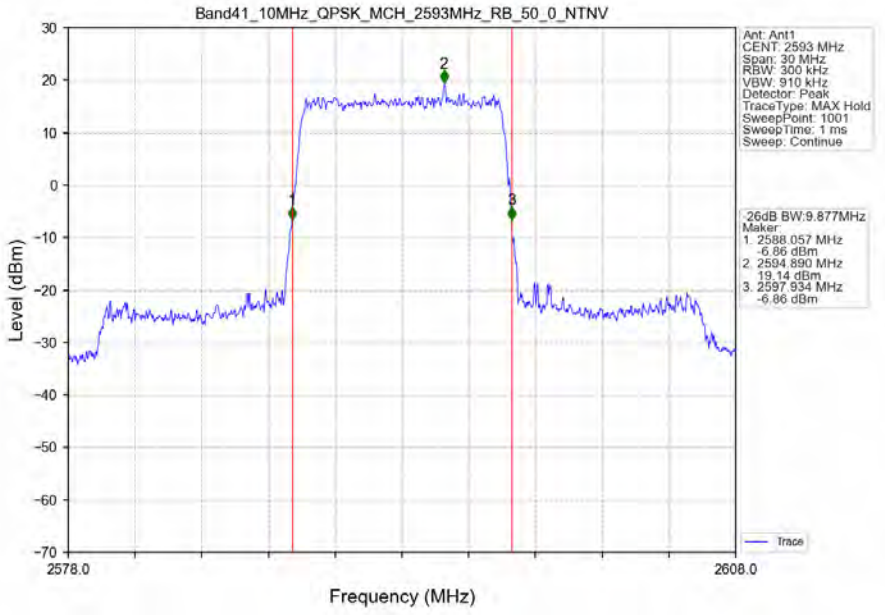
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

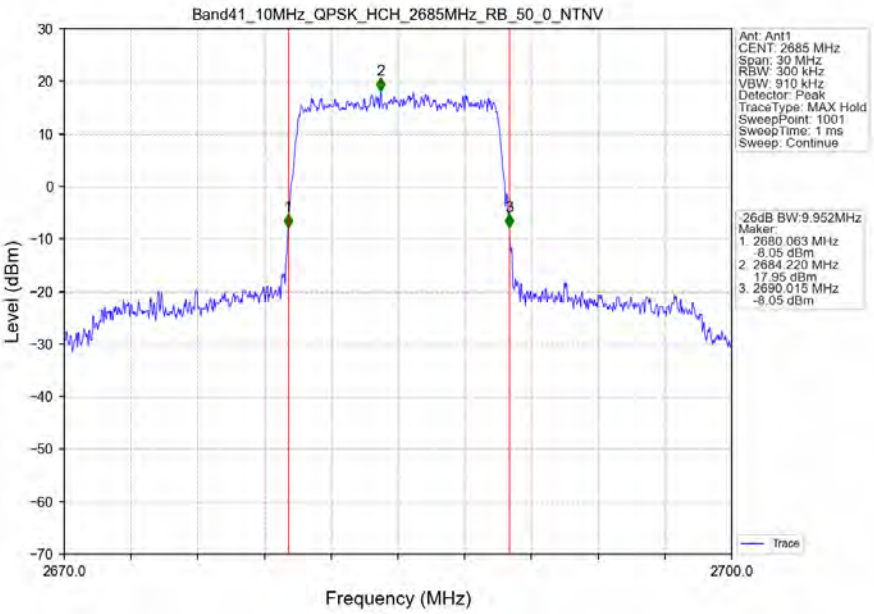


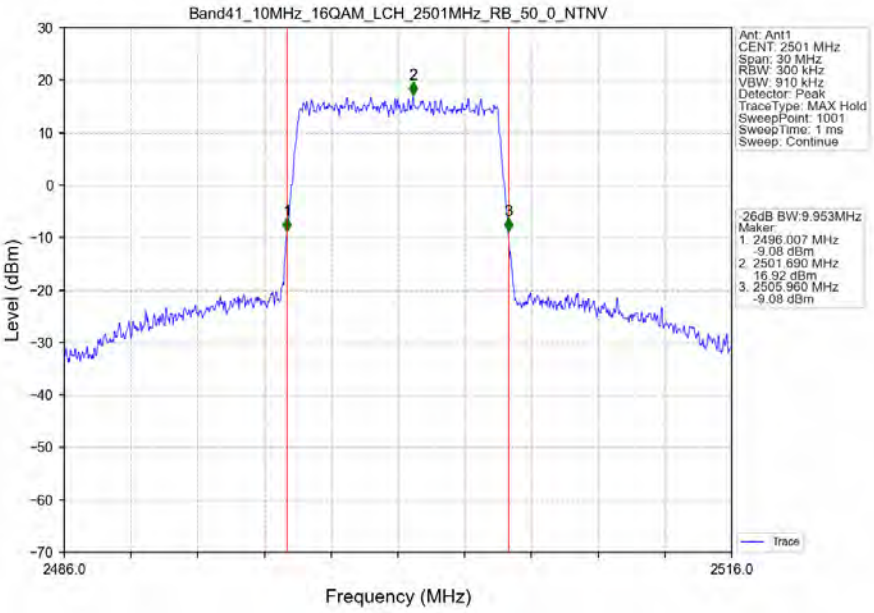
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

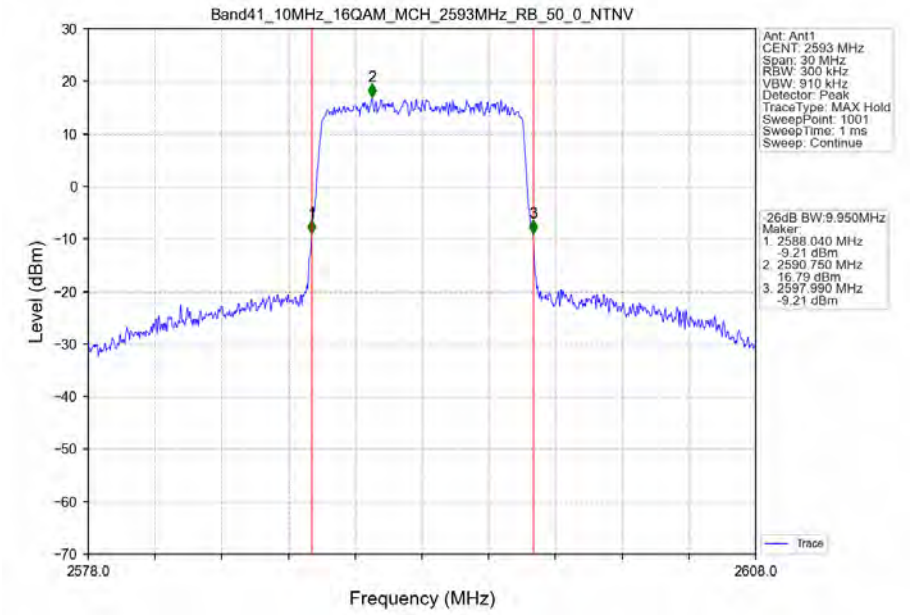


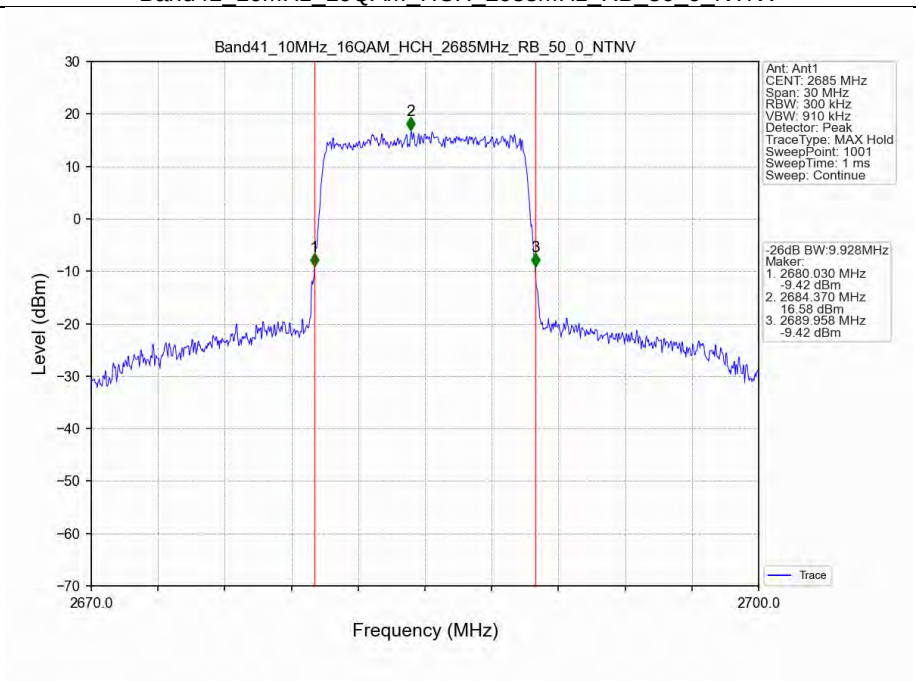
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV


Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV


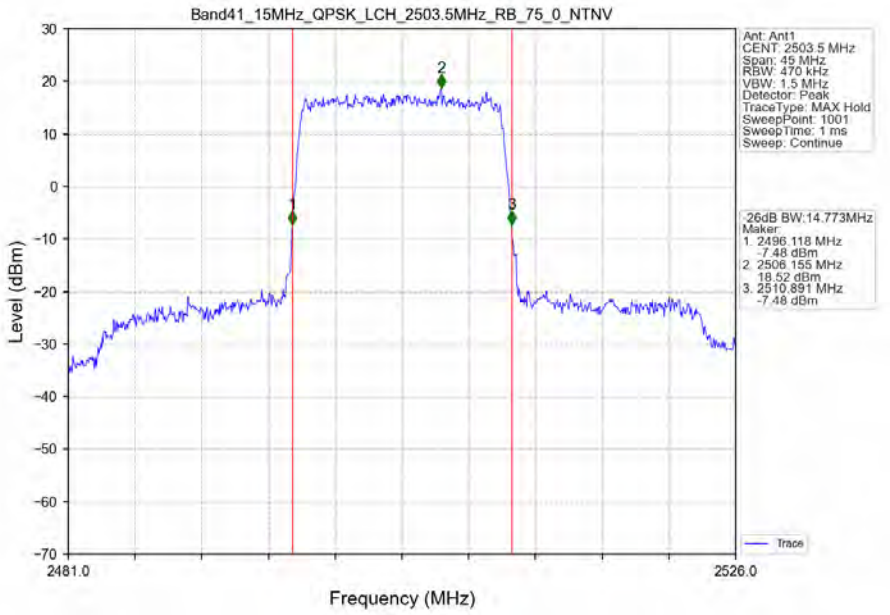
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV


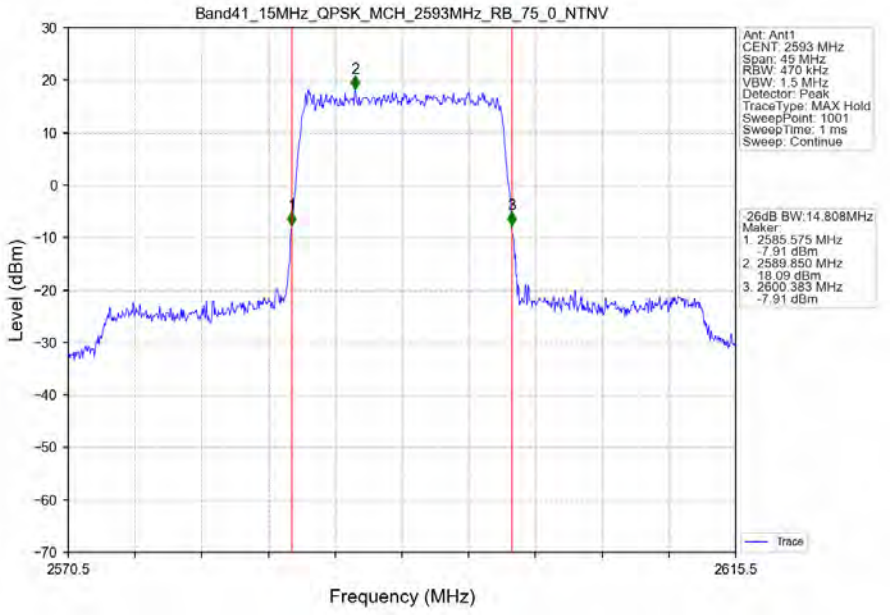
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV


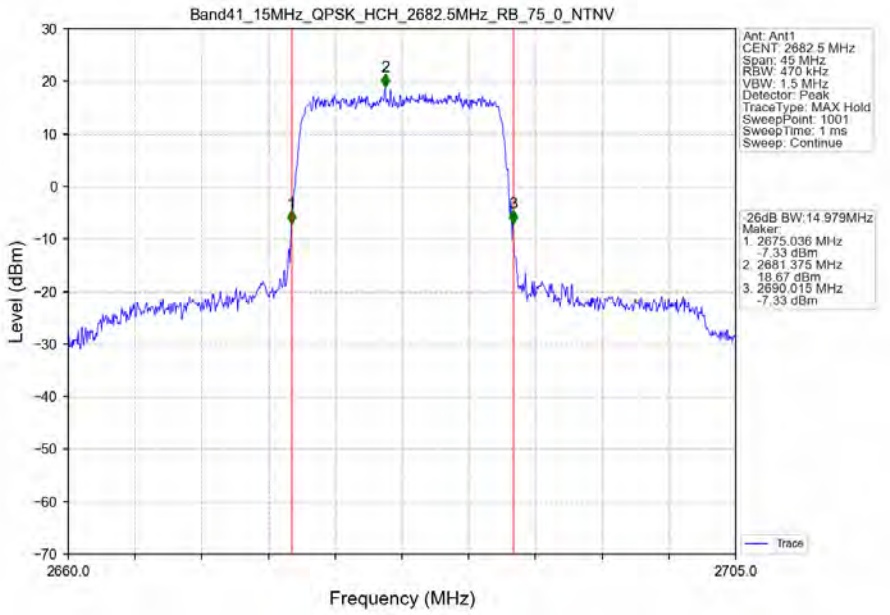
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



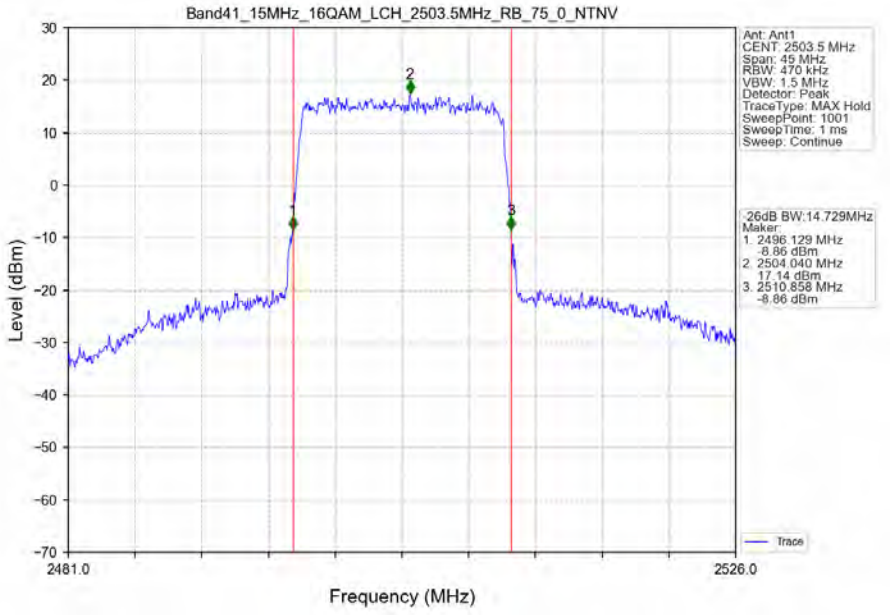
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



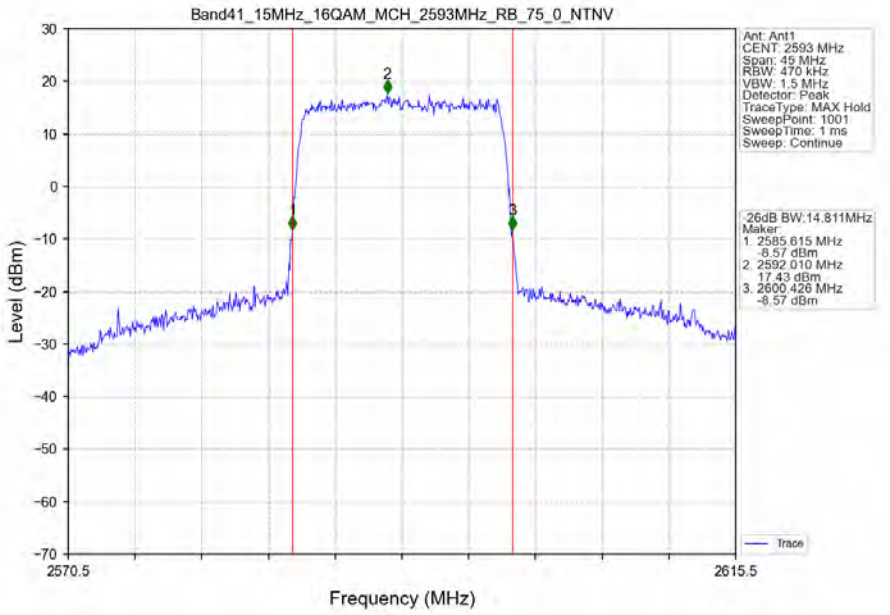
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



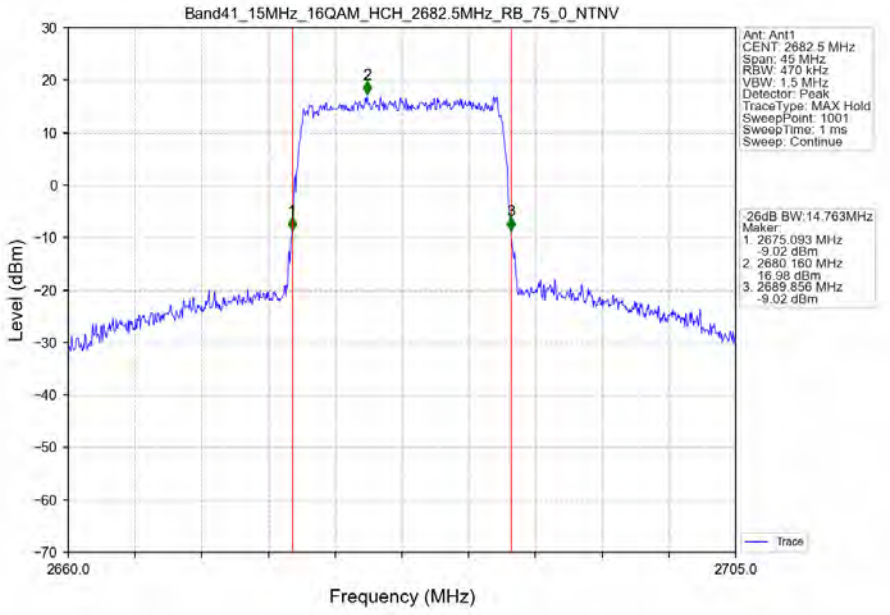
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

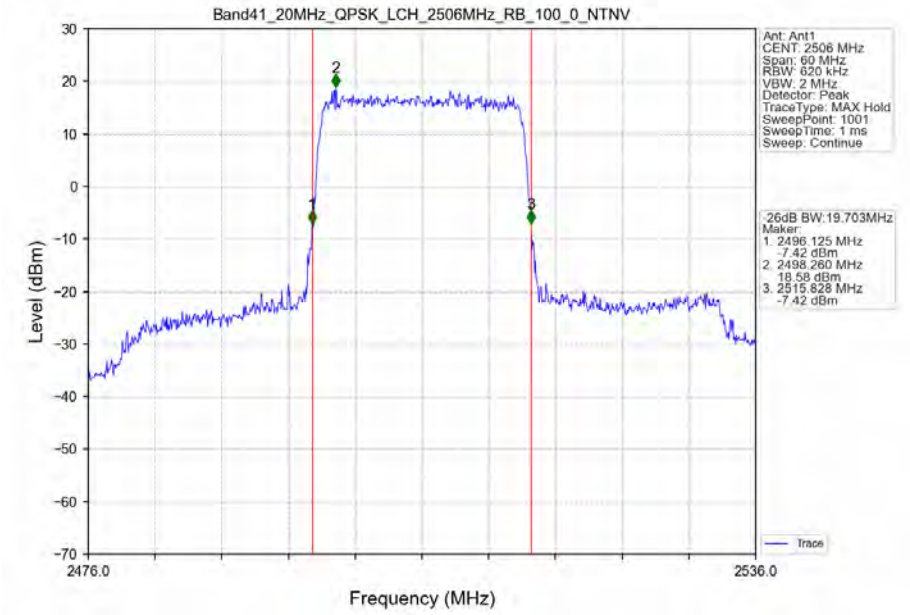


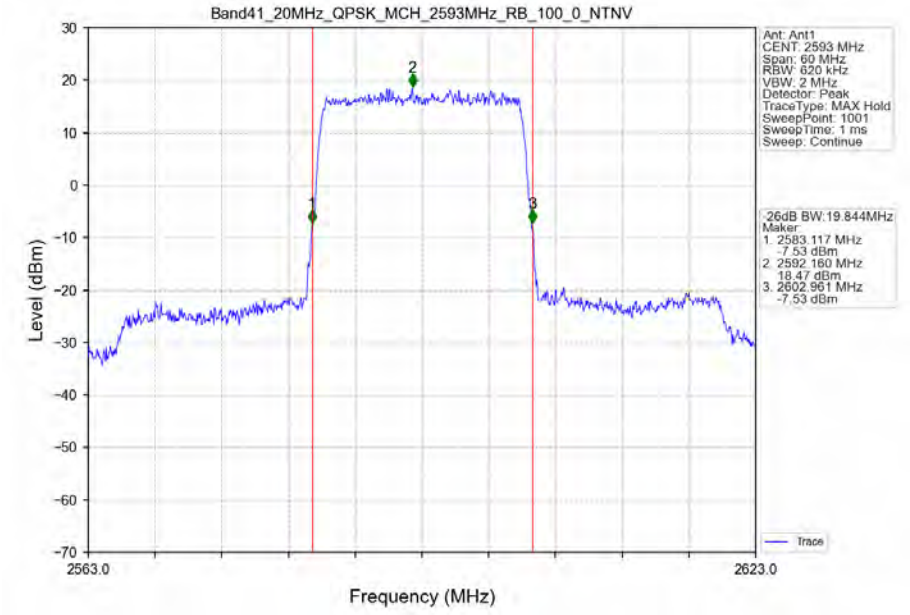
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

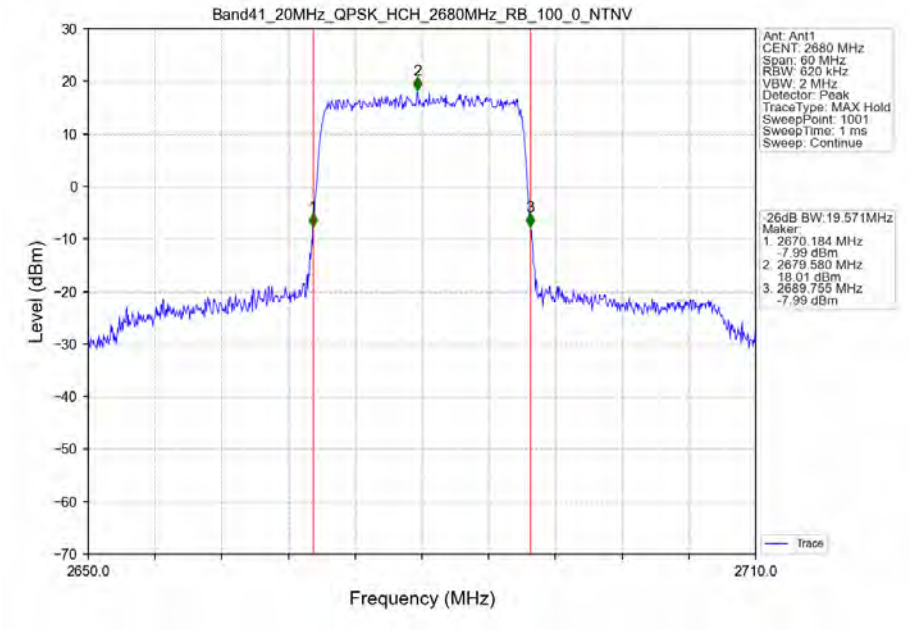


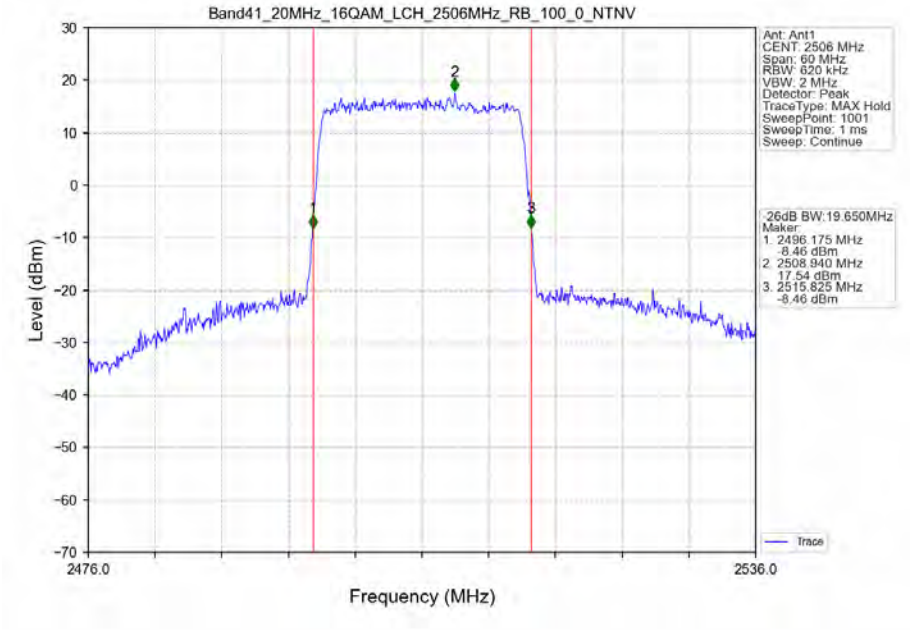
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

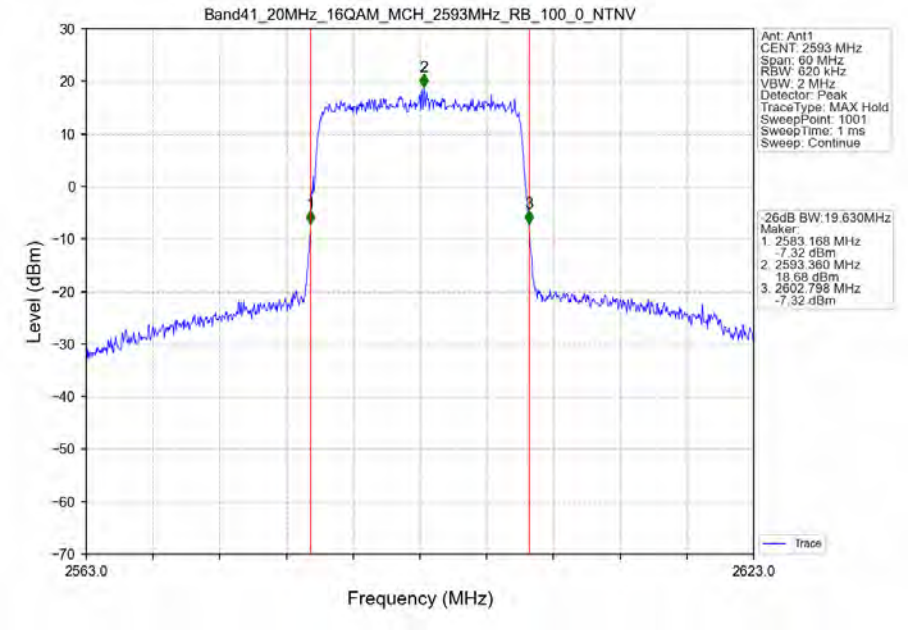


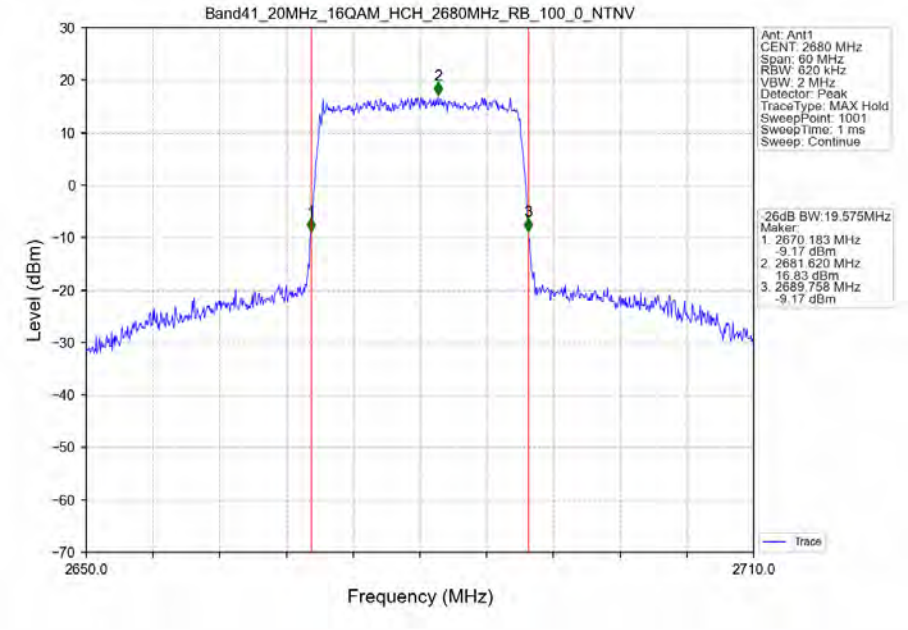
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV


Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV


Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV


Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV


4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.45	<=13	Pass
	2593	25	0	7.58	<=13	Pass
	2687.5	25	0	7.43	<=13	Pass
16QAM	2498.5	25	0	8.11	<=13	Pass
	2593	25	0	8.30	<=13	Pass
	2687.5	25	0	8.28	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.47	<=13	Pass
	2593	50	0	7.43	<=13	Pass
	2685	50	0	7.30	<=13	Pass
16QAM	2501	50	0	8.17	<=13	Pass
	2593	50	0	8.37	<=13	Pass
	2685	50	0	8.20	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.72	<=13	Pass
	2593	75	0	7.68	<=13	Pass
	2682.5	75	0	7.31	<=13	Pass
16QAM	2503.5	75	0	8.29	<=13	Pass
	2593	75	0	8.62	<=13	Pass
	2682.5	75	0	8.21	<=13	Pass

4.1.4 B41_20MHz

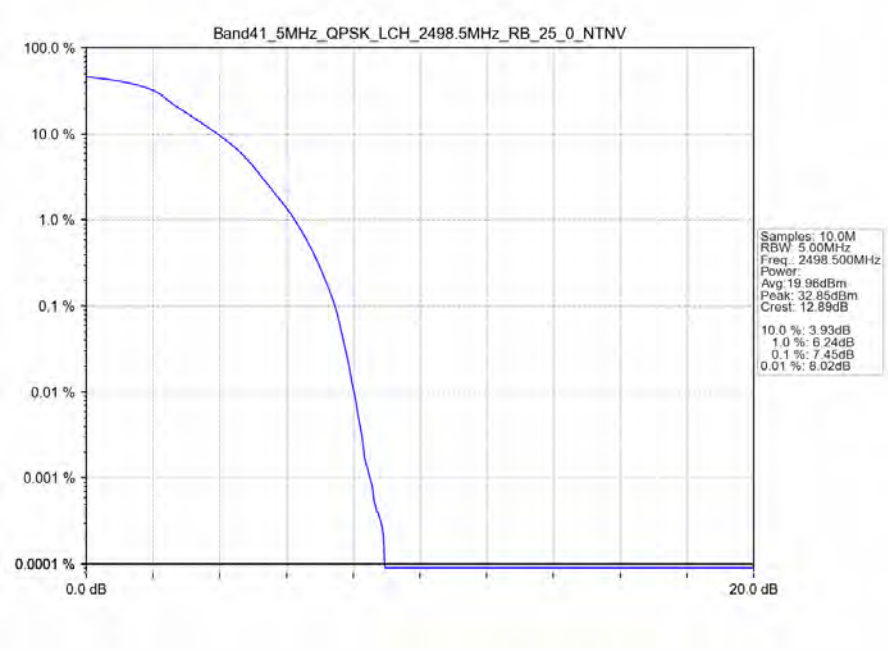
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.45	<=13	Pass
	2593	100	0	7.58	<=13	Pass
	2680	100	0	7.22	<=13	Pass

16QAM	2506	100	0	8.06	<=13	Pass
	2593	100	0	8.19	<=13	Pass
	2680	100	0	8.11	<=13	Pass

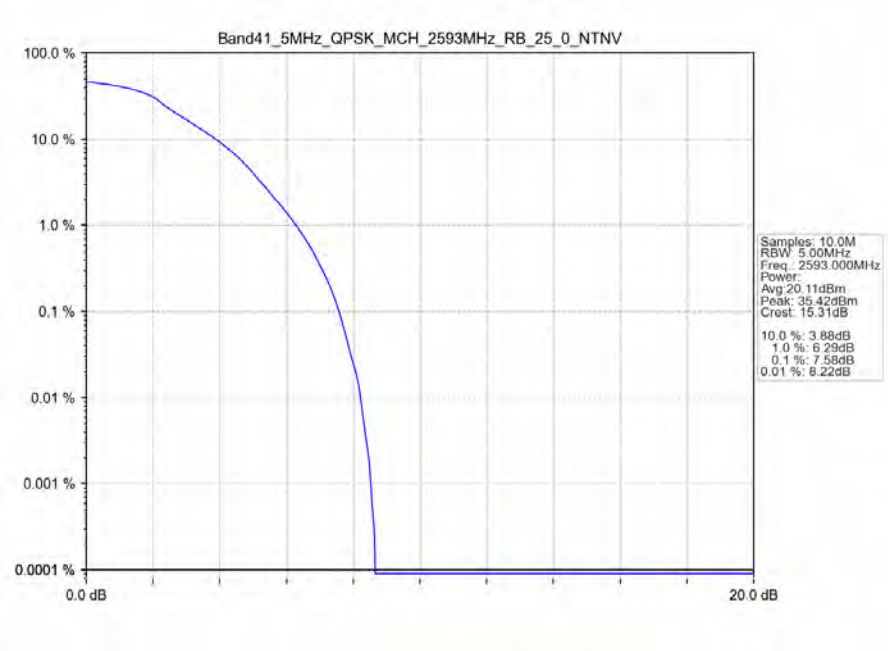
4.2 Test Graph

4.2.1 B41_5MHz

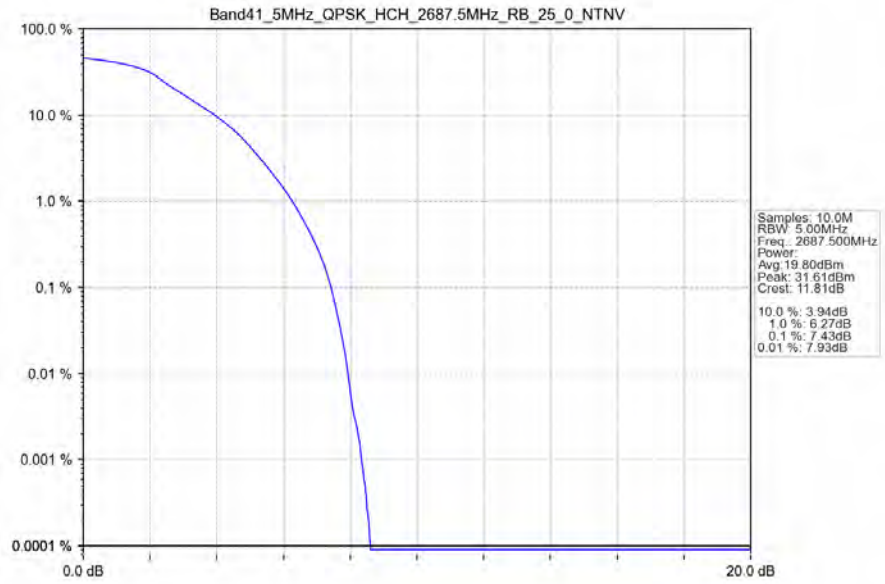
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



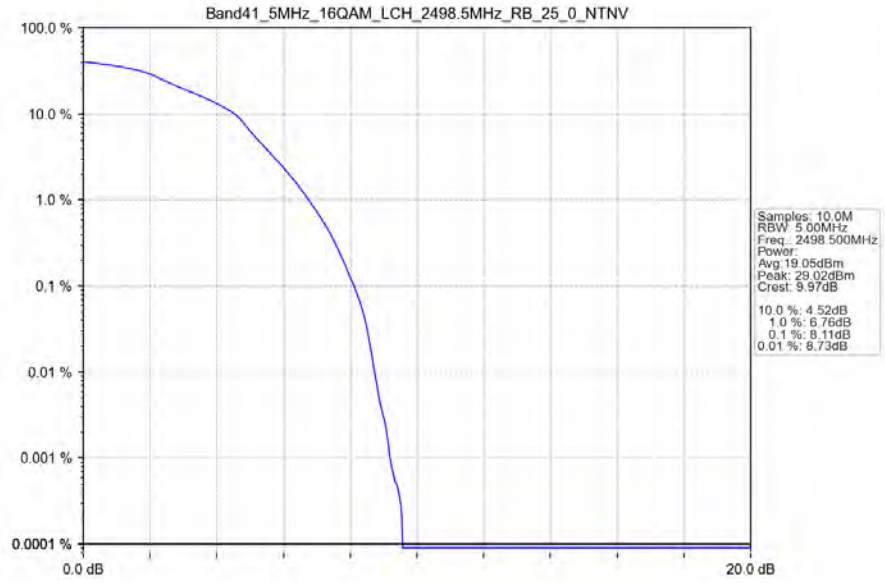
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



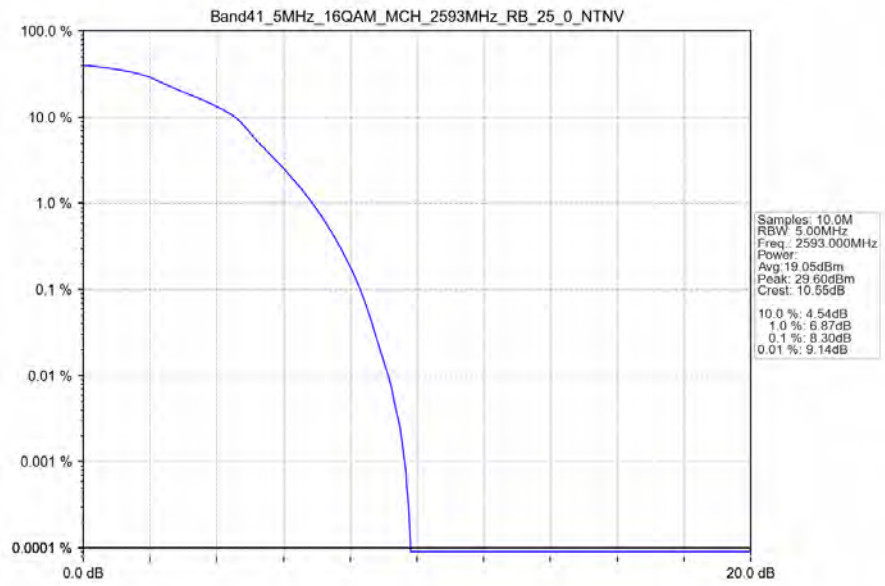
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



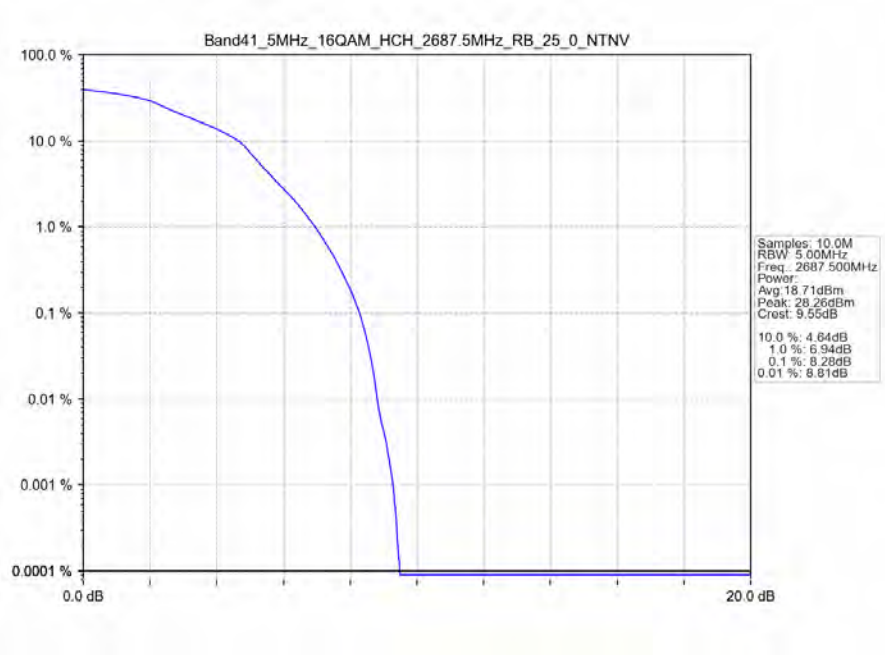
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



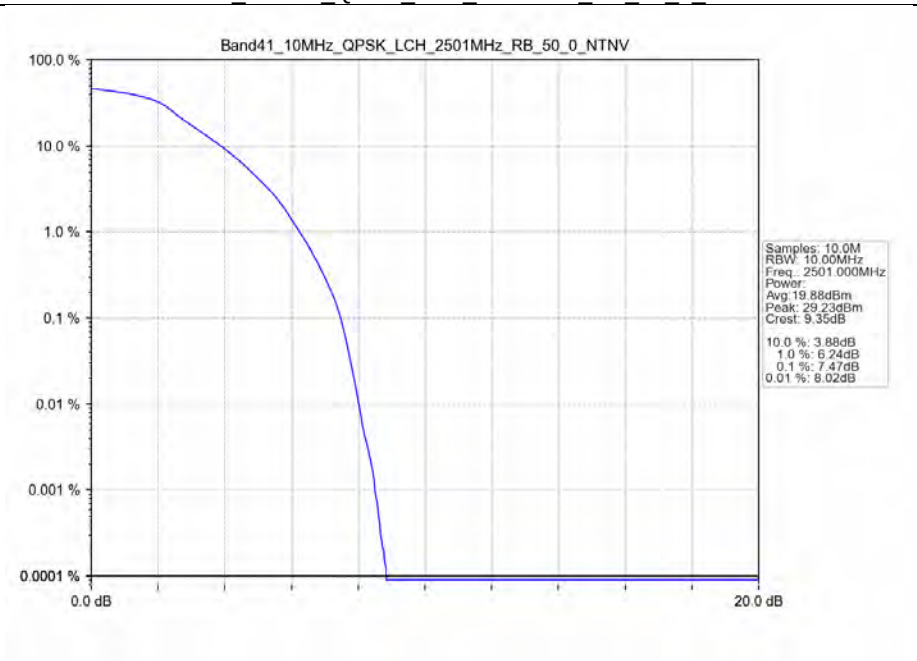
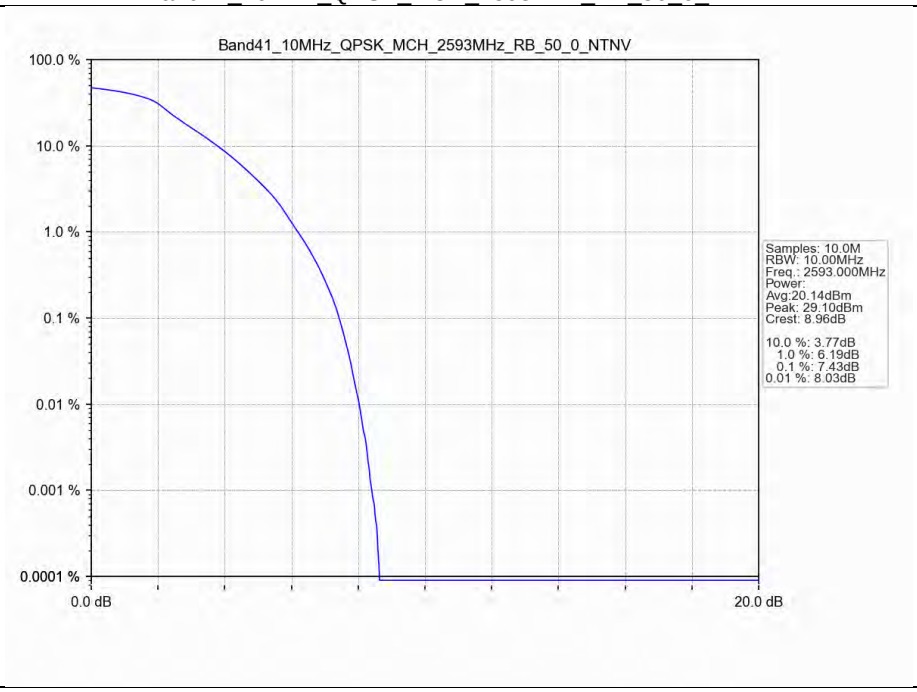
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



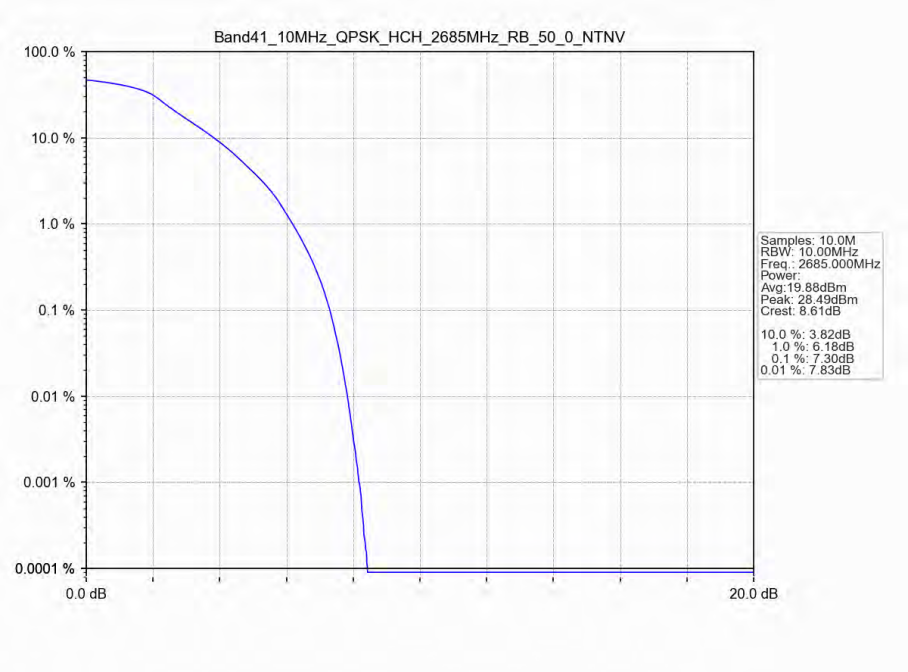
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



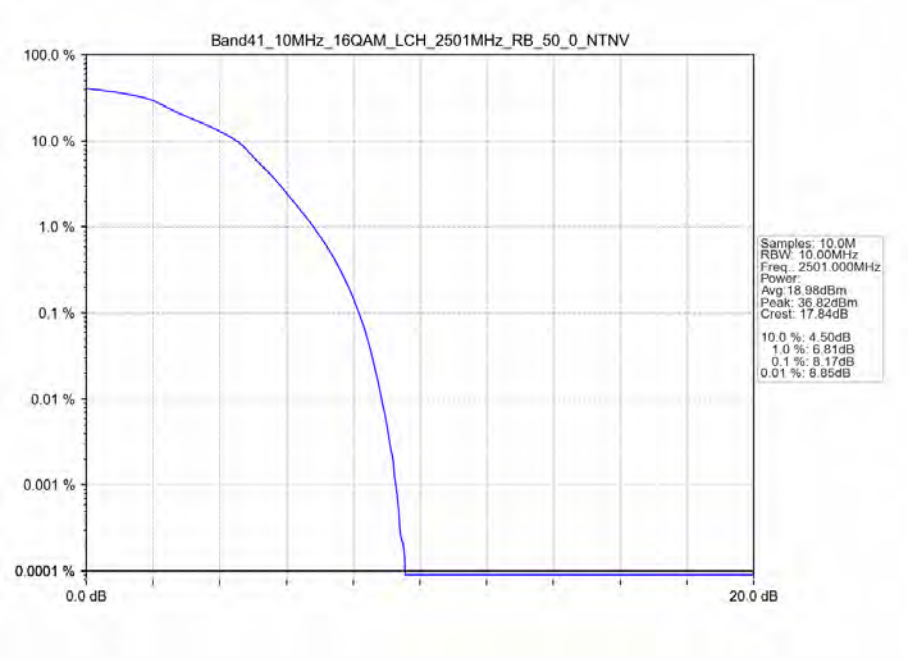
4.2.2 B41_10MHz

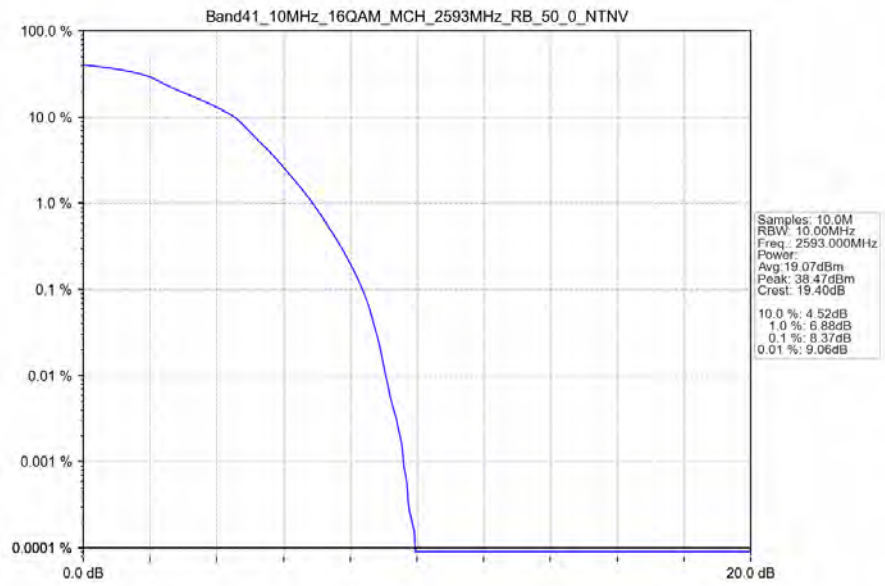
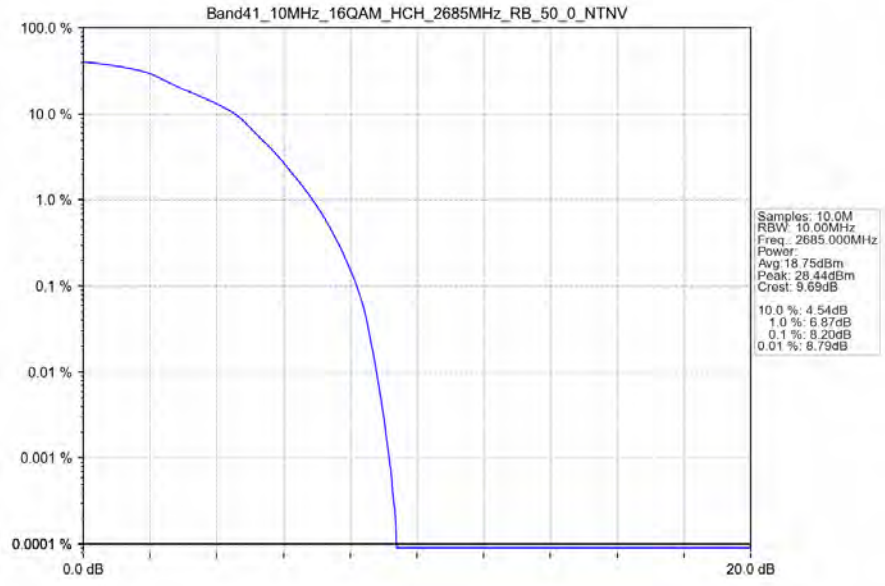
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV


Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



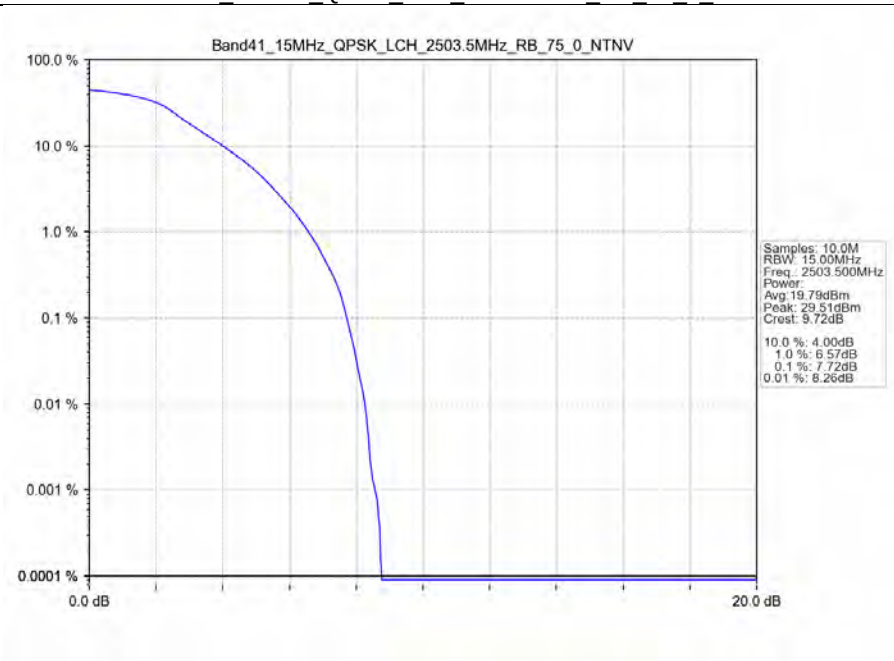
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



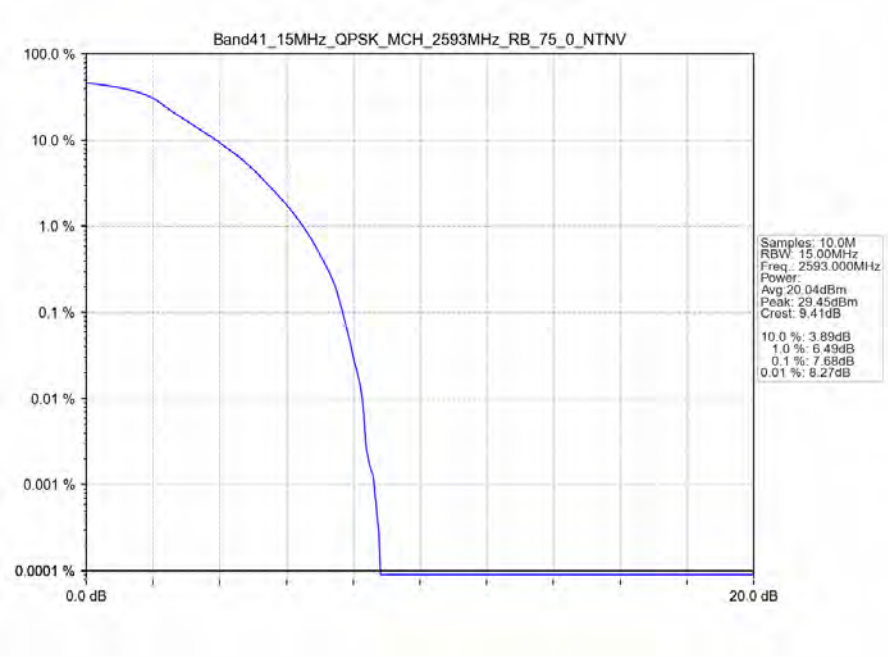
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV


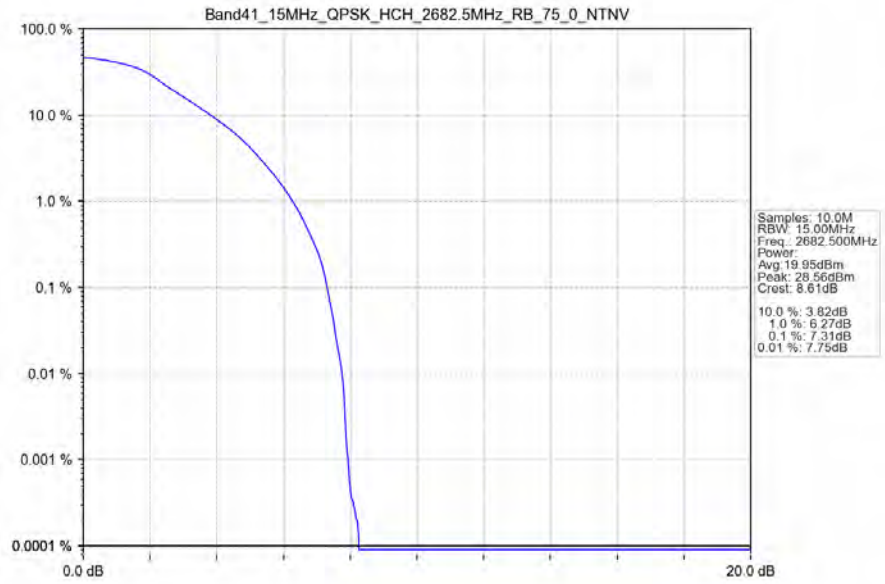
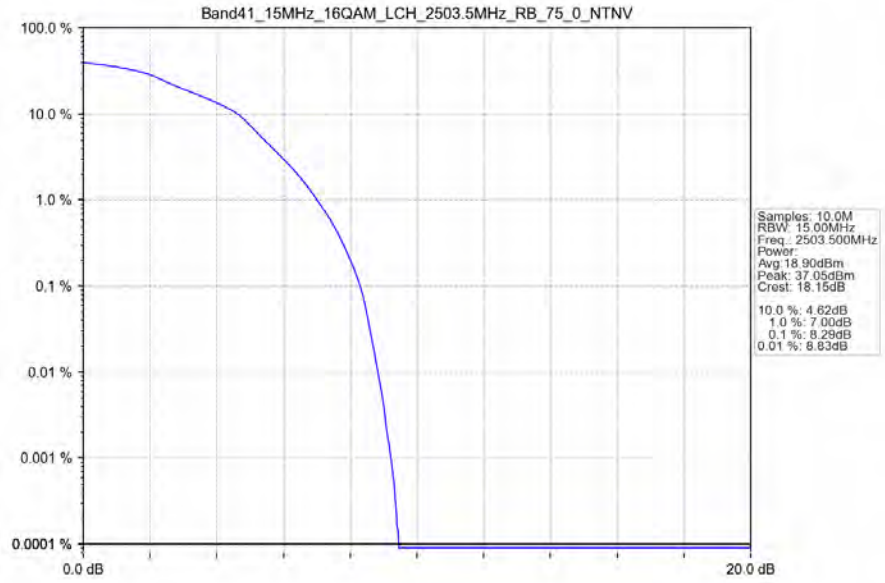
4.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

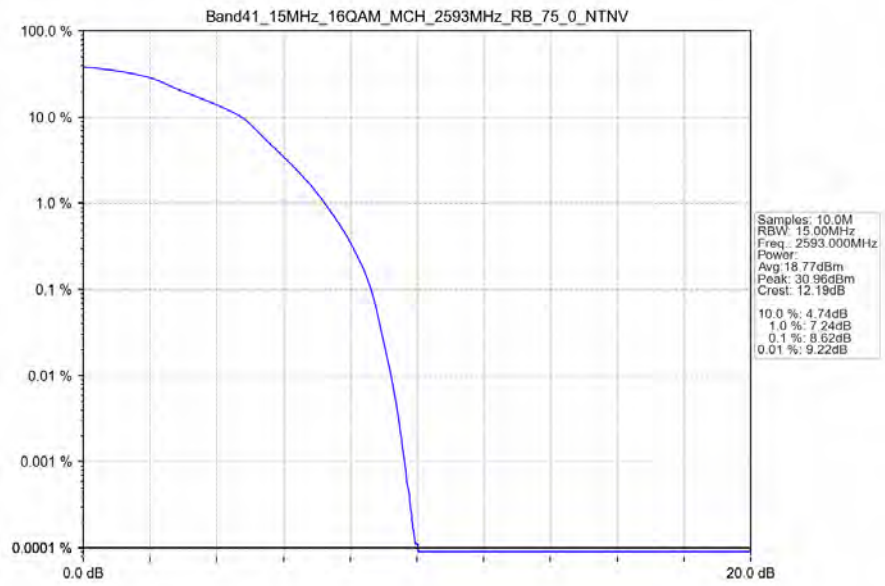


Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

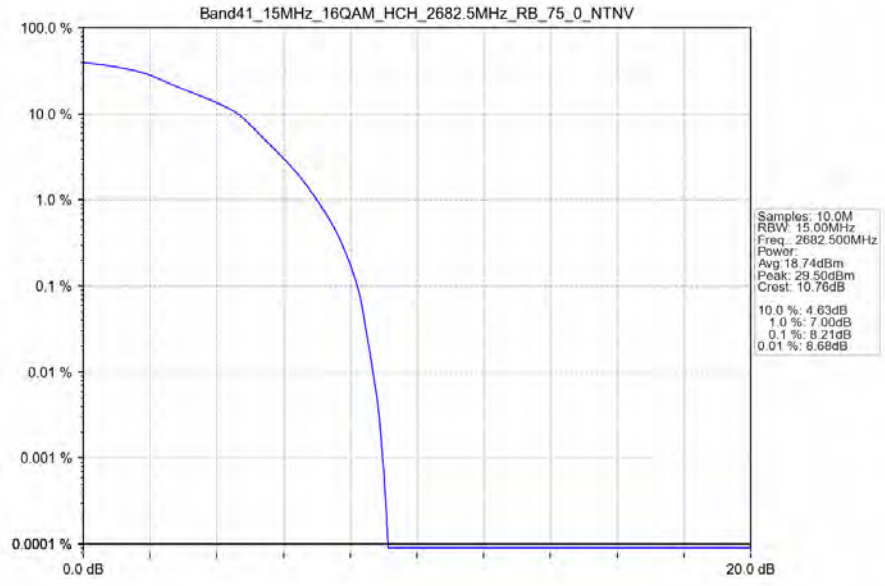


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV


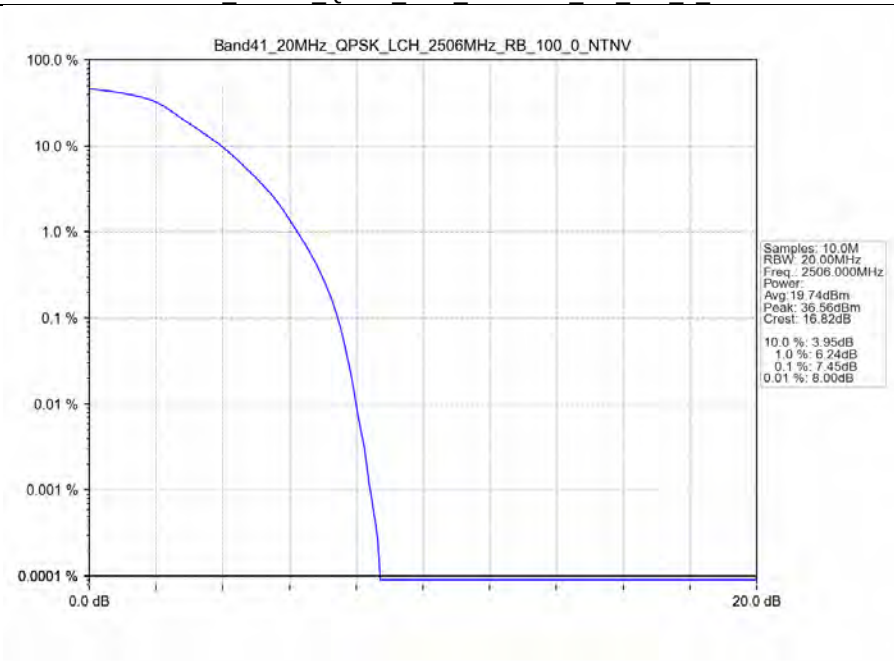
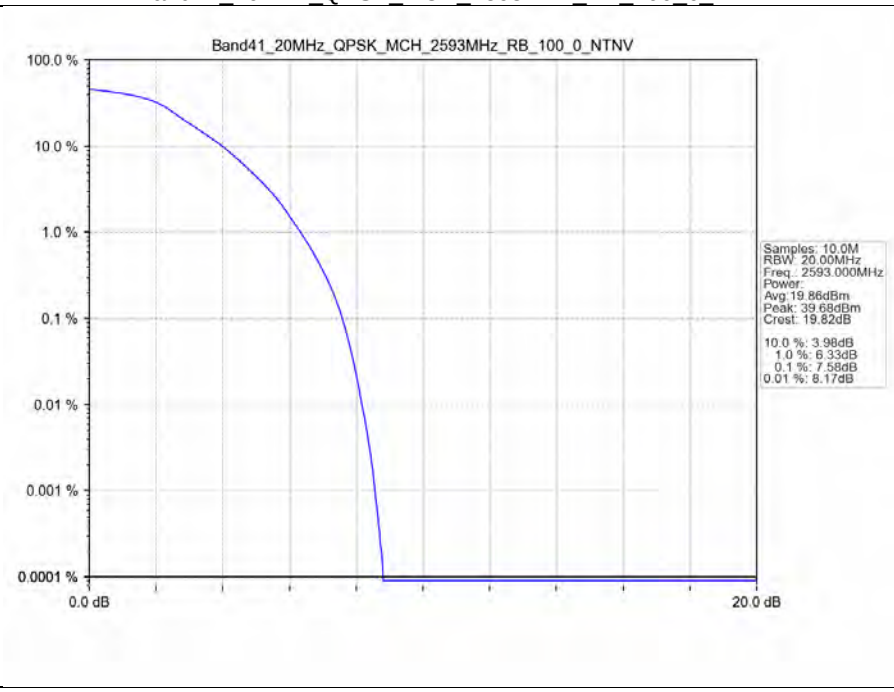
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



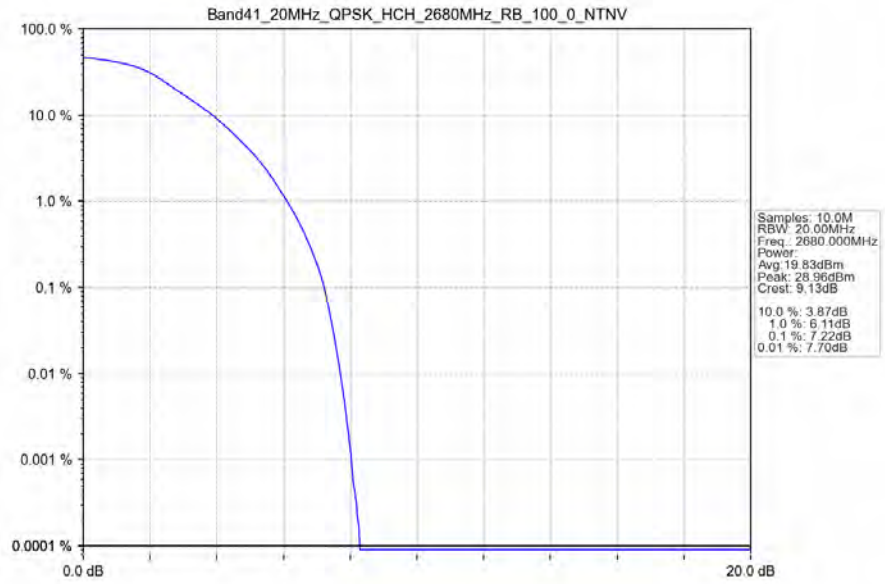
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



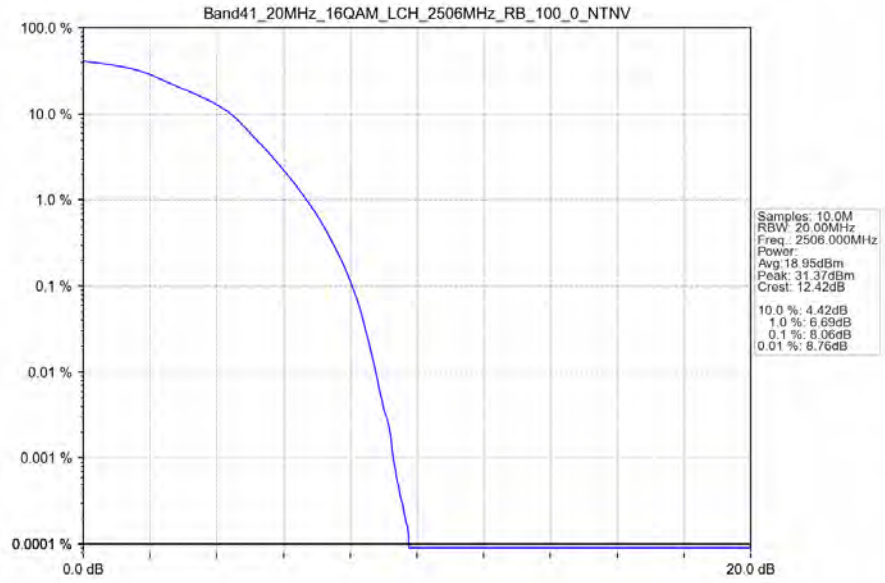
4.2.4 B41_20MHz

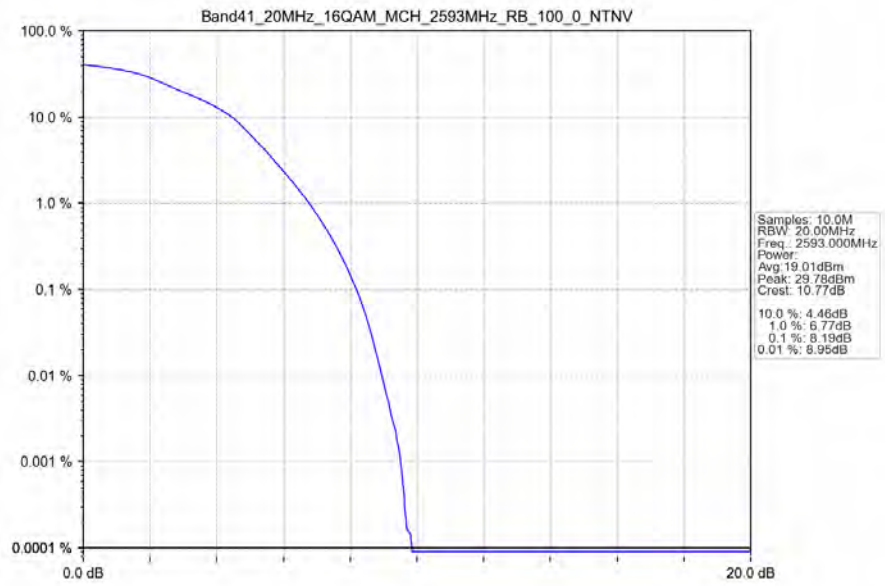
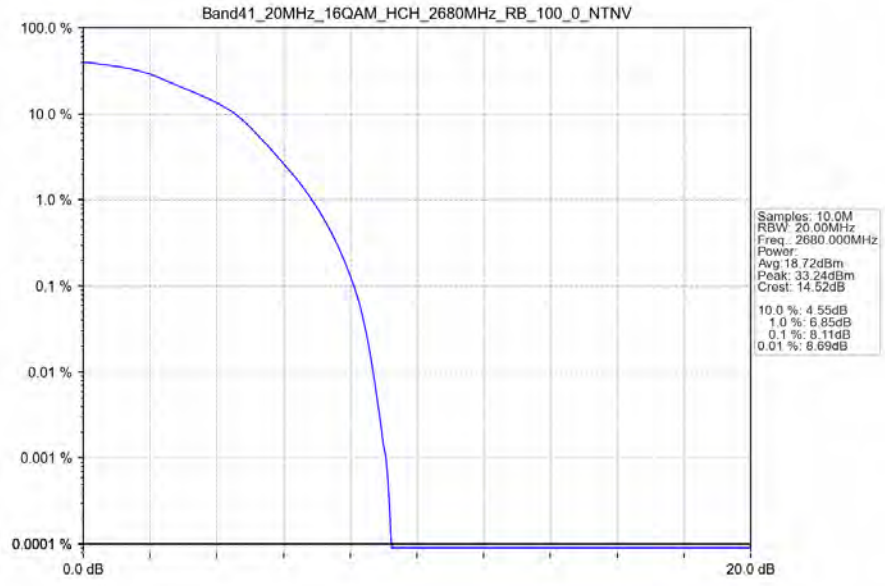
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV


Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV


5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

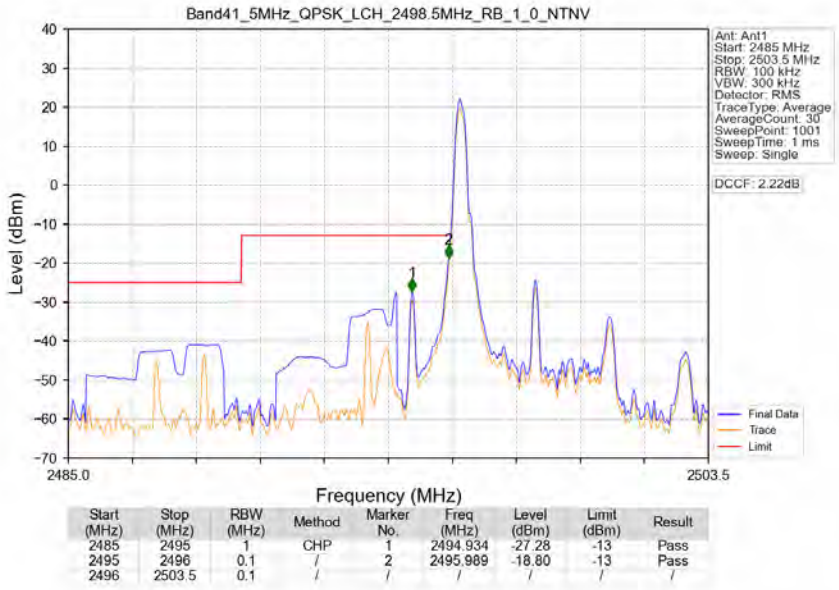
		75	0	Refer To Test Graph	Pass
16QAM	2503.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.1.4 B41_20MHz

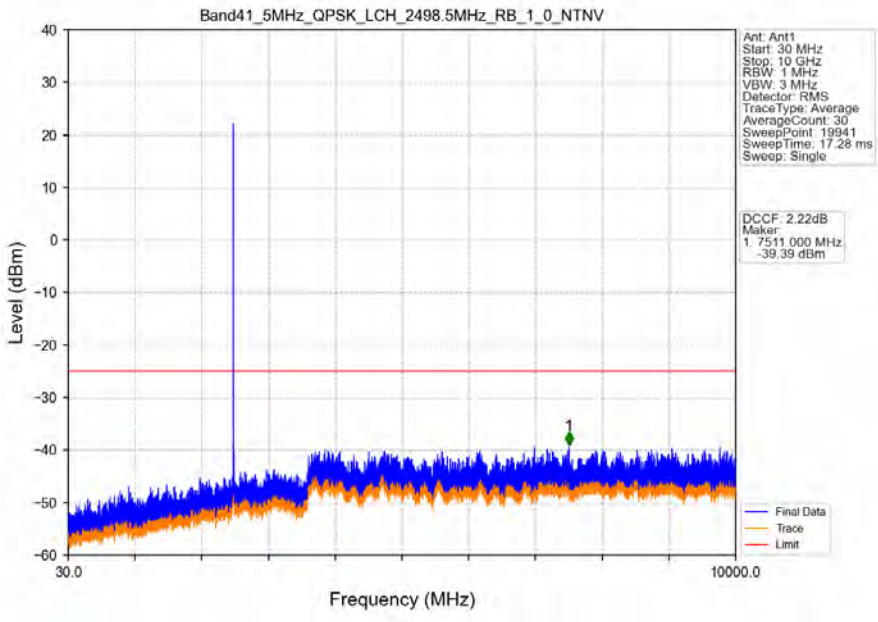
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

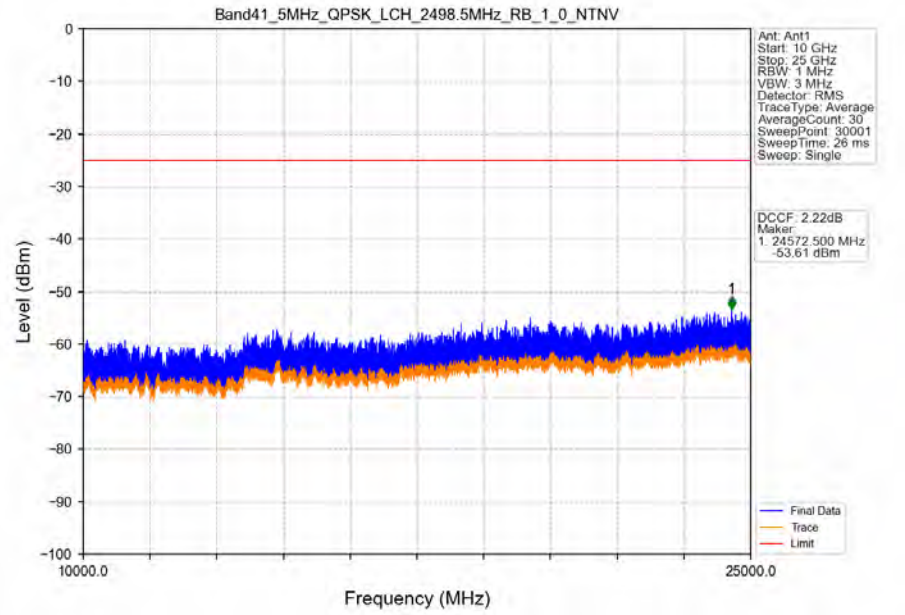
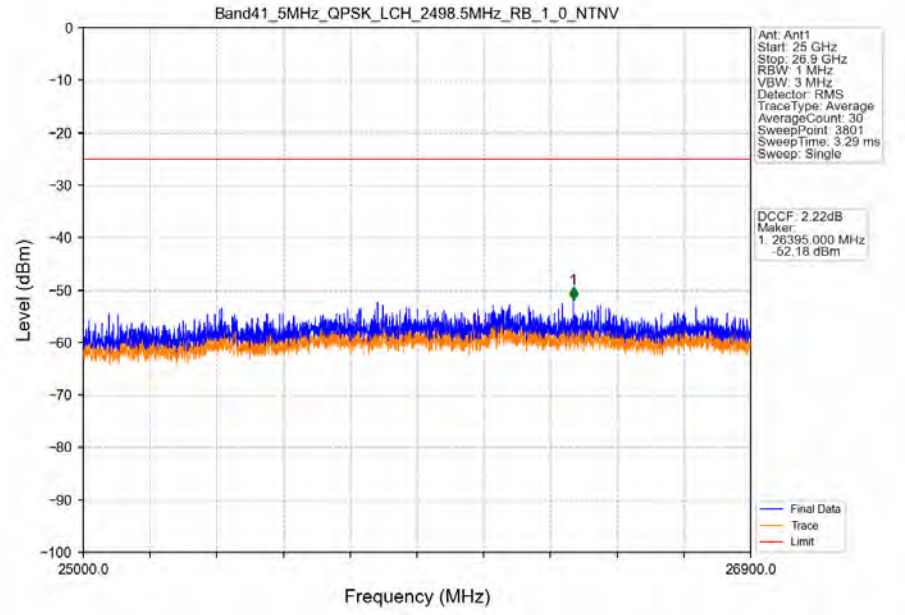
5.2 Test Graph

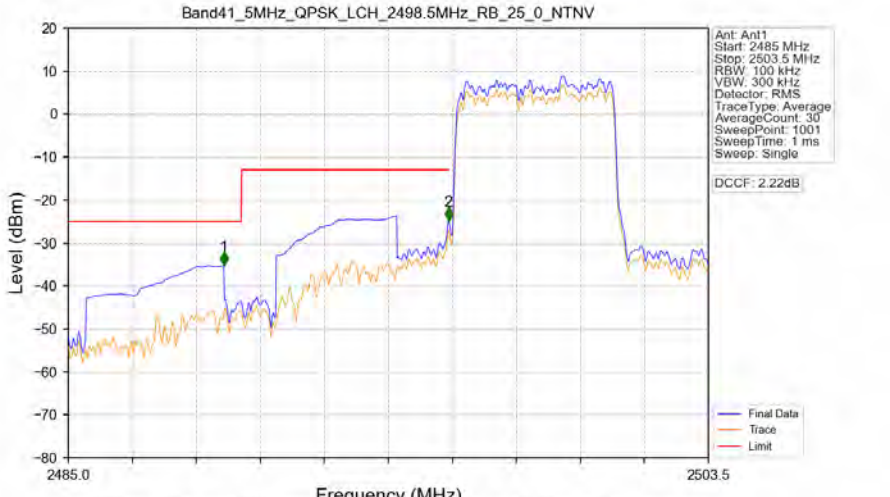
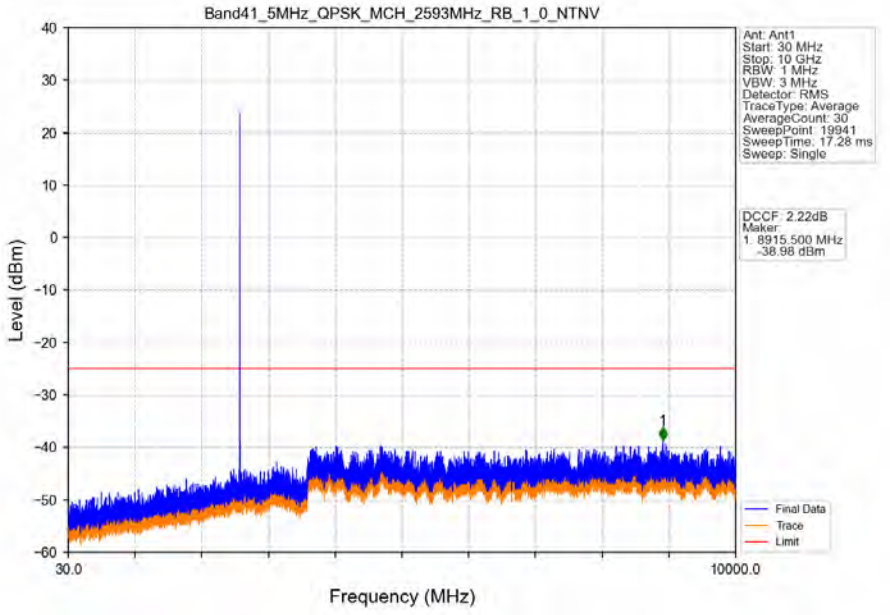
5.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV


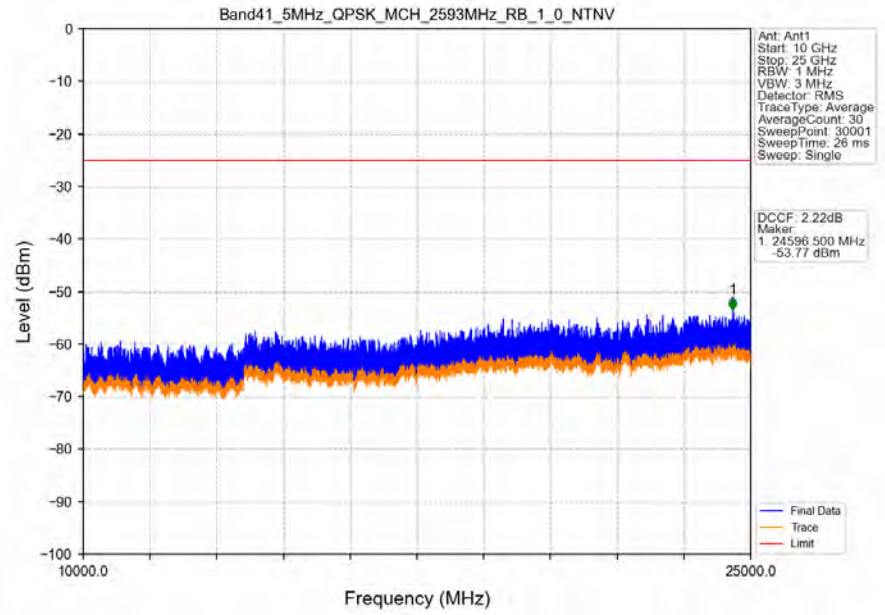
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.934	-27.28	-13	Pass
2495	2496	0.1	/	2	2495.989	-18.80	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV


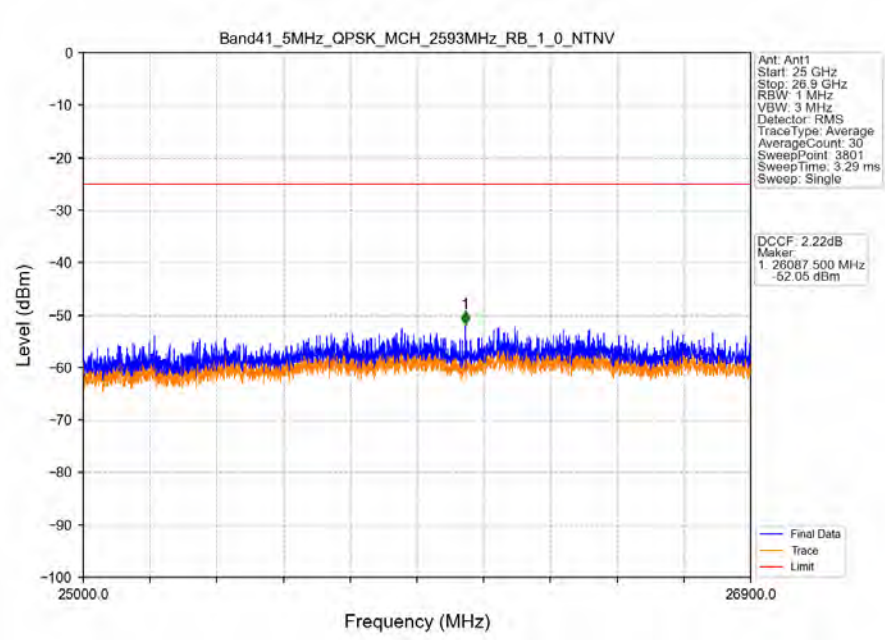
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV


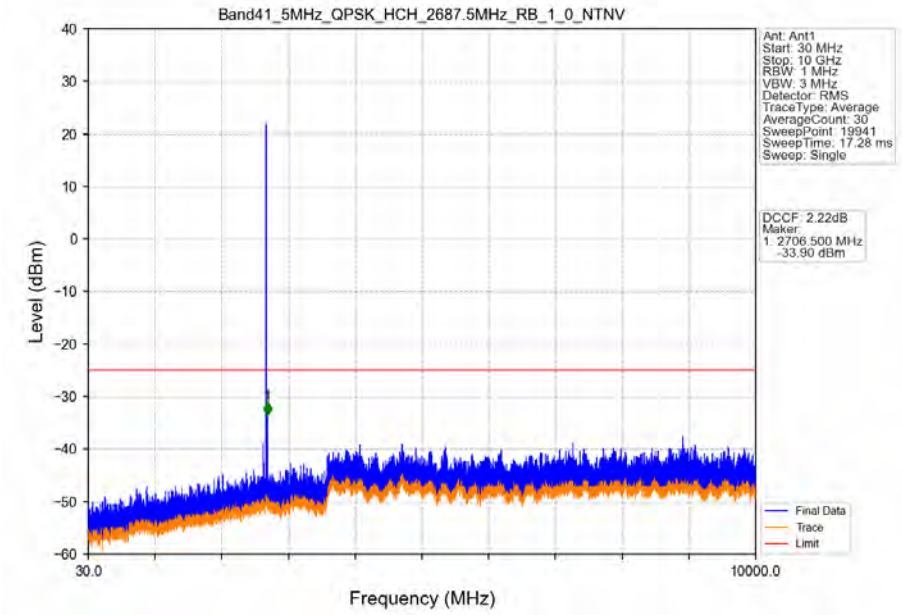
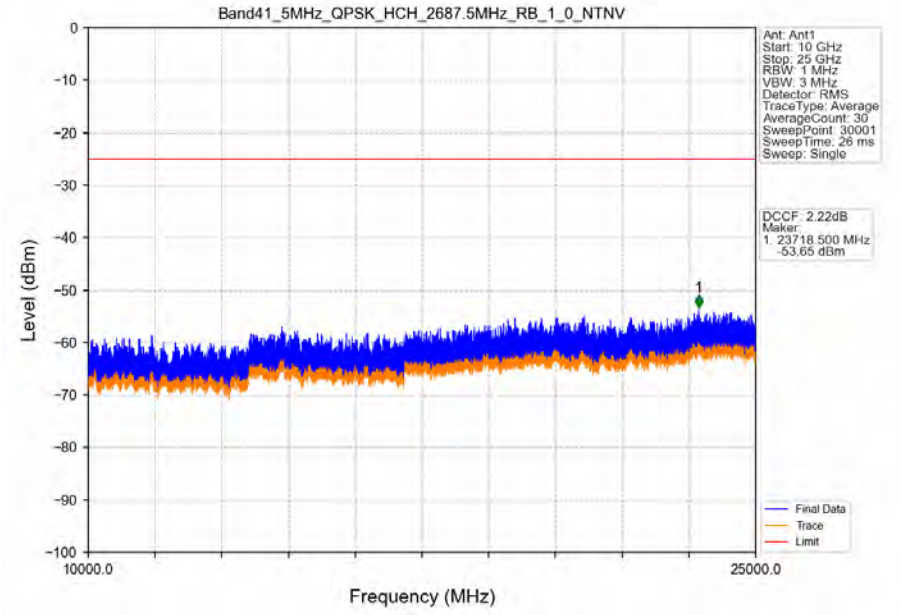
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV
 Start (MHz) Stop (MHz) RBW (MHz) Method Marker No. Freq (MHz) Level (dBm) Limit (dBm) Result 2485 2495 1 CHP 1 2489.495 -35.26 -25 Pass 2495 2496 0.1 / 2 2495.989 -24.80 -13 Pass 2496 2503.5 0.1 / / / / / /
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV


Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

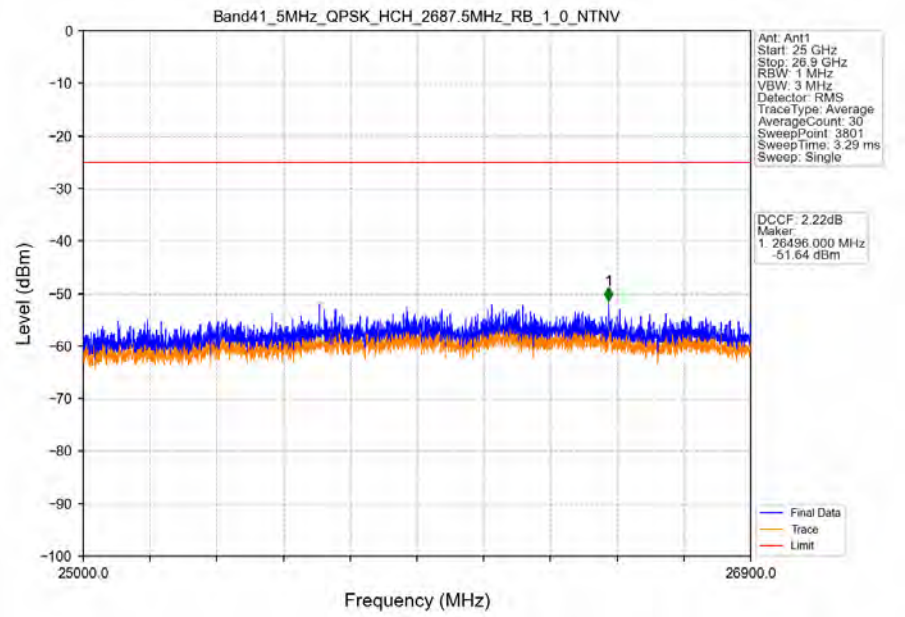


Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

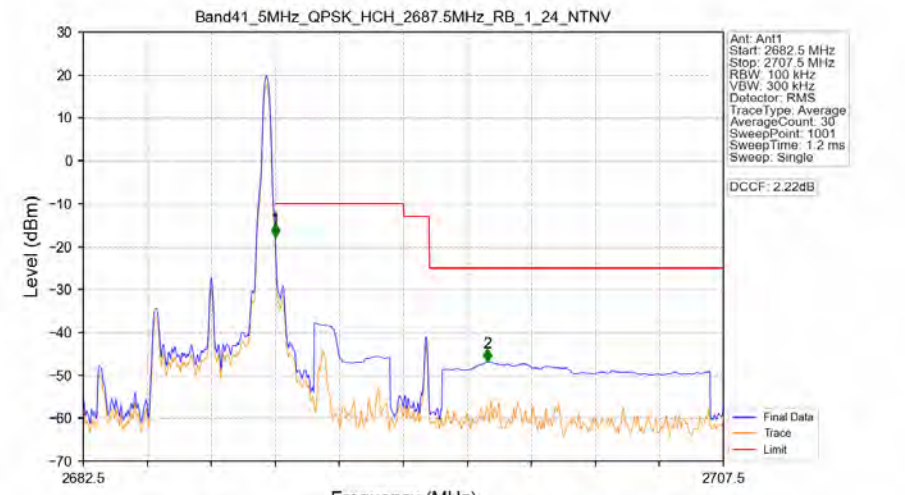


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

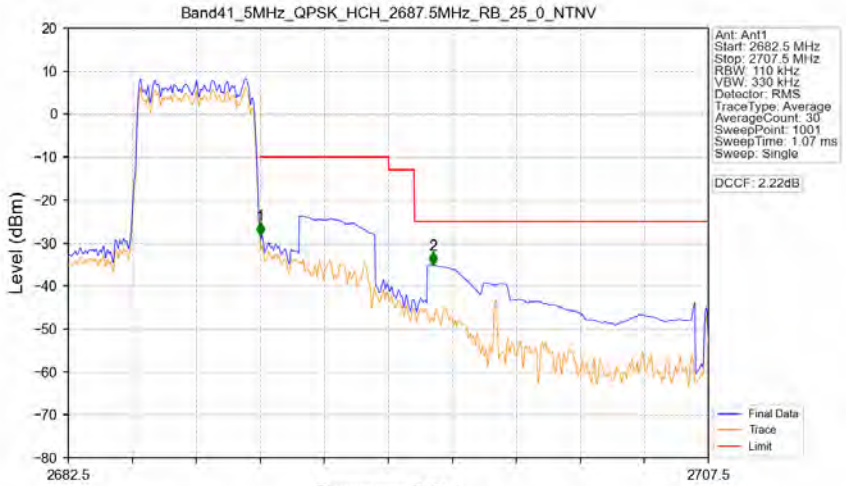


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



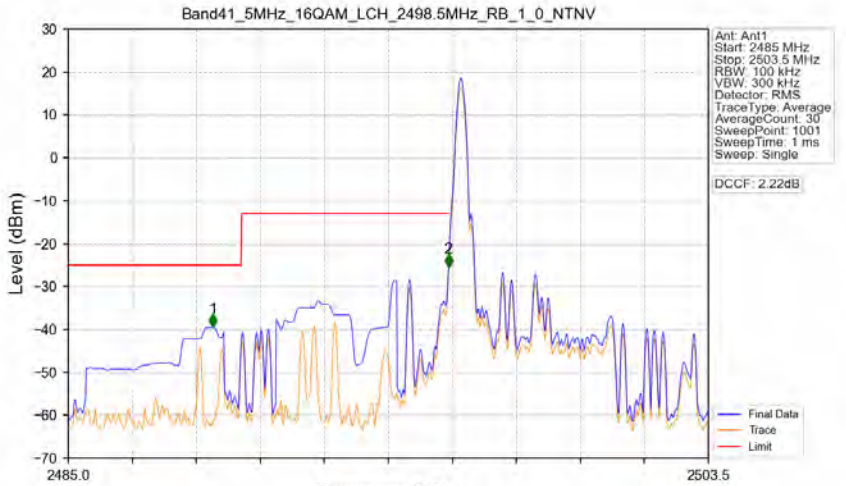
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-17.82	-10	Pass
2691	2707.5	1	CHP	2	2698.275	-46.91	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

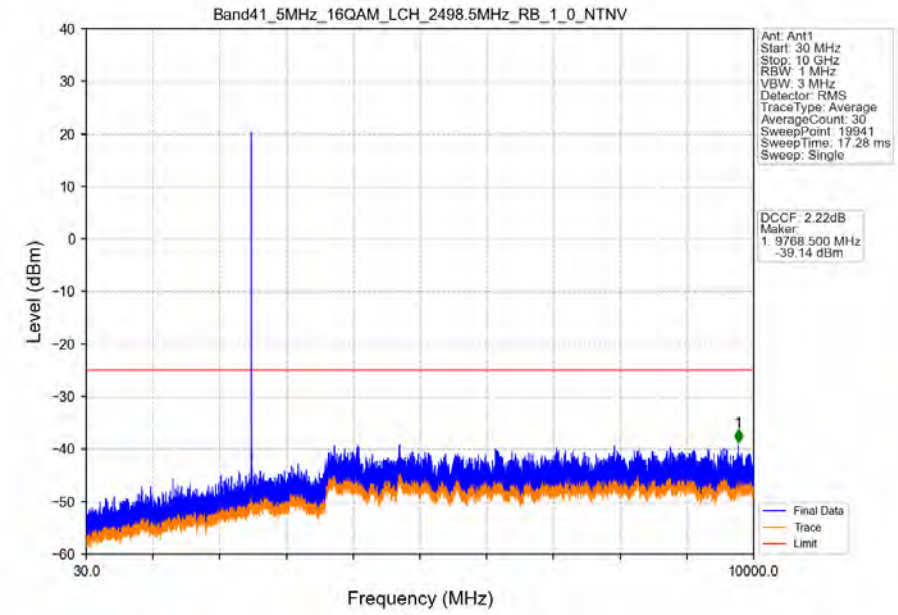
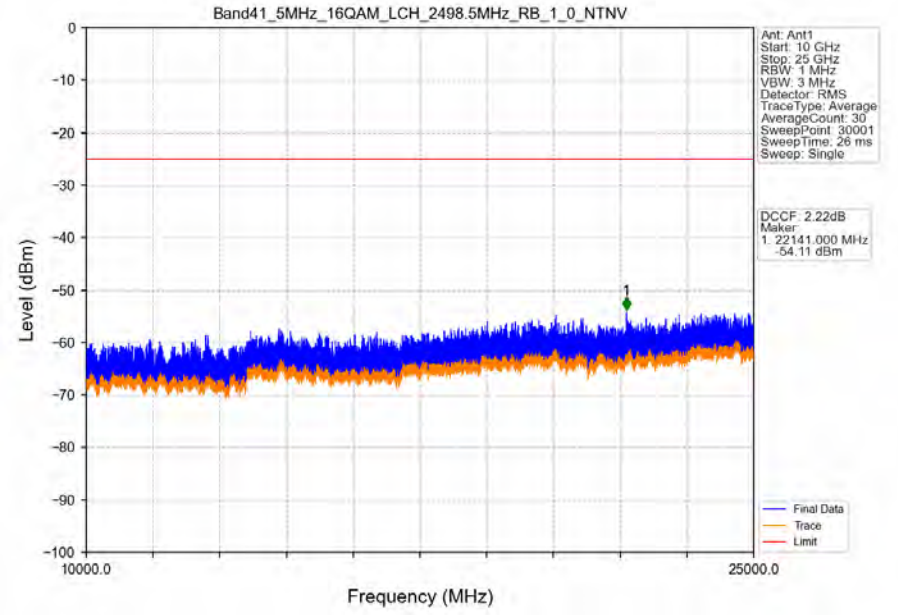


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.000	-28.26	-10	Pass
2691	2707.5	1	CHP	2	2696.750	-35.11	-25	Pass

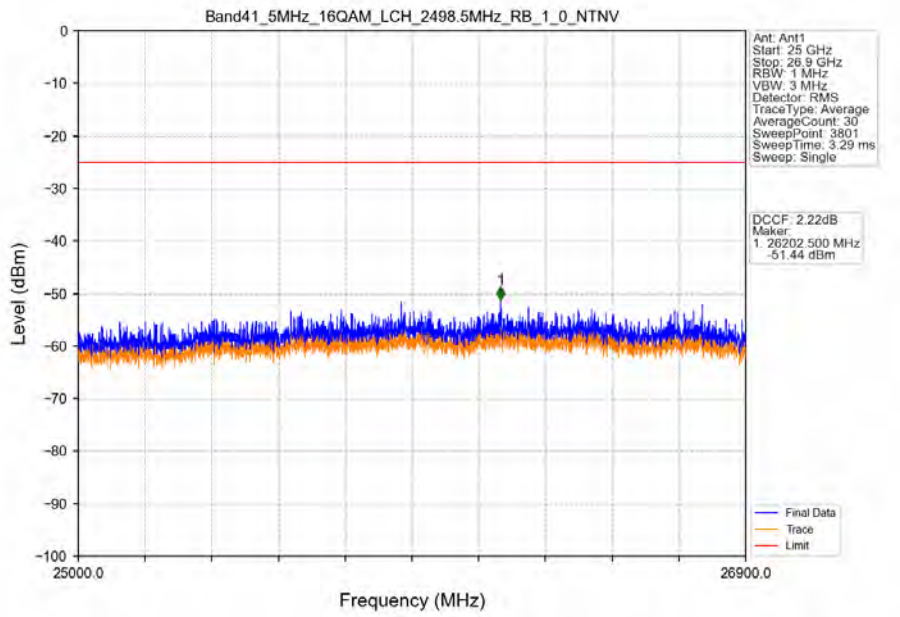
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



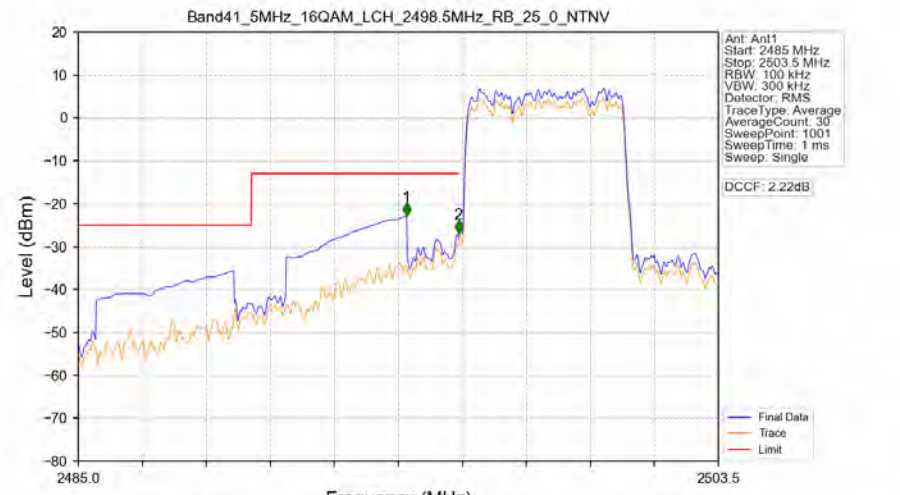
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.181	-39.54	-25	Pass
2495	2496	0.1	/	2	2495.989	-25.57	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV


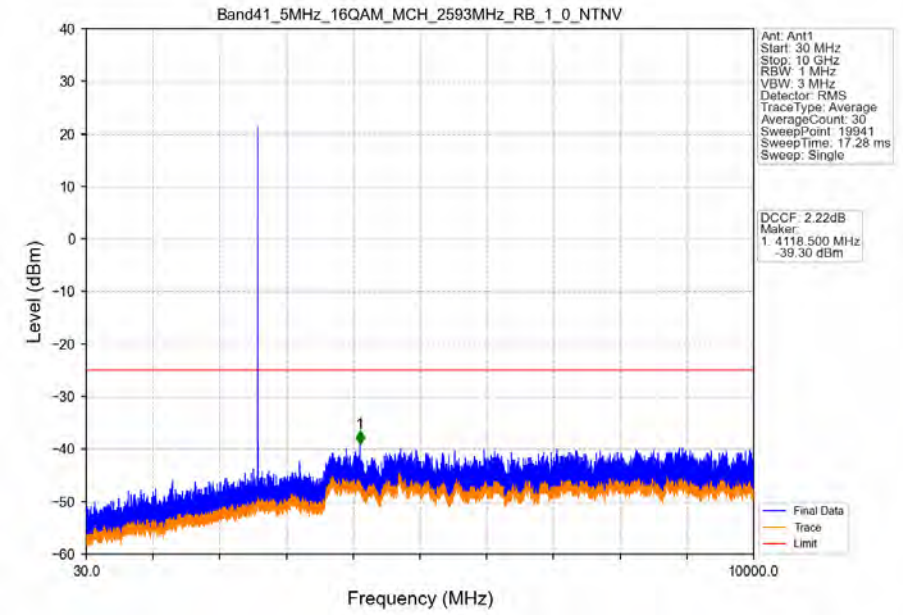
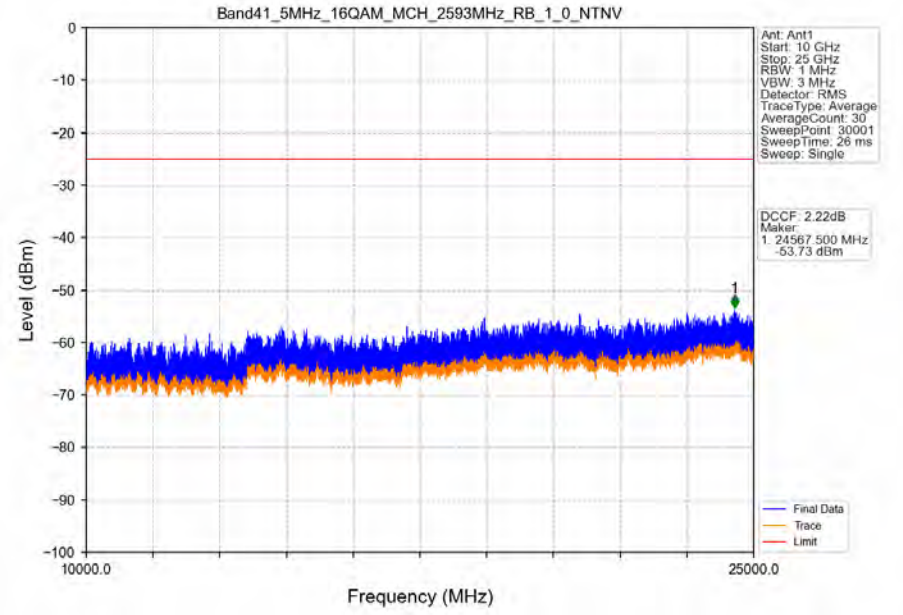
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

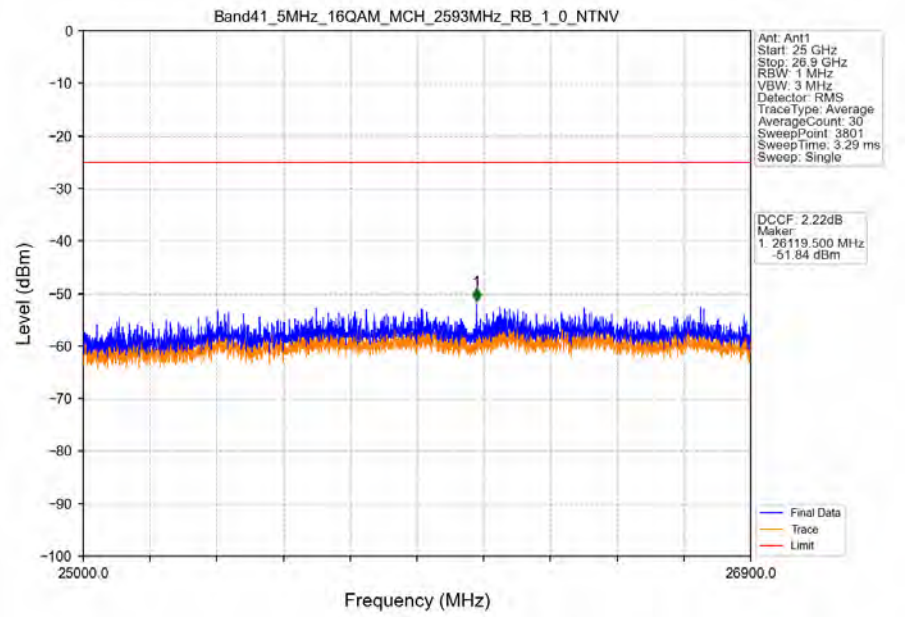


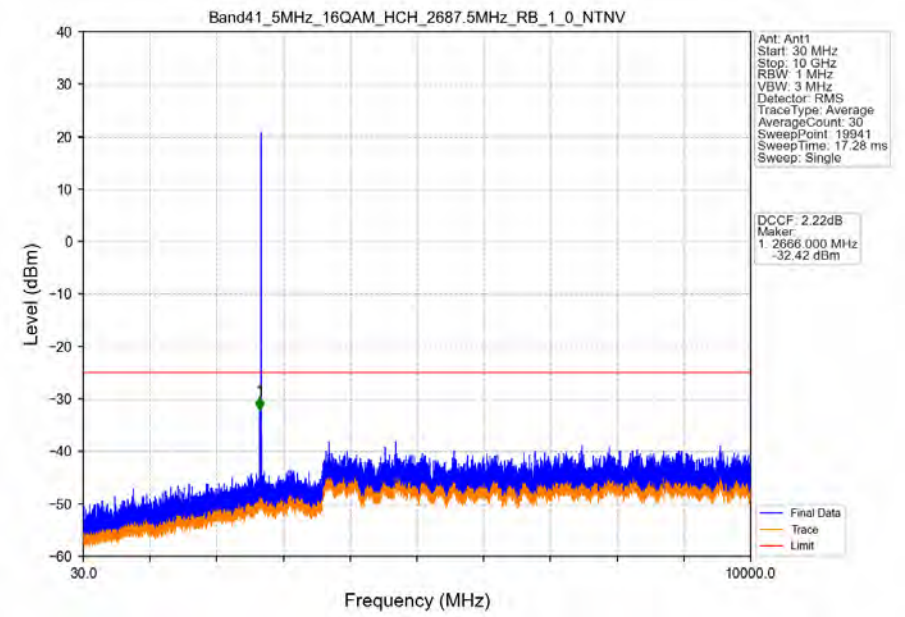
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

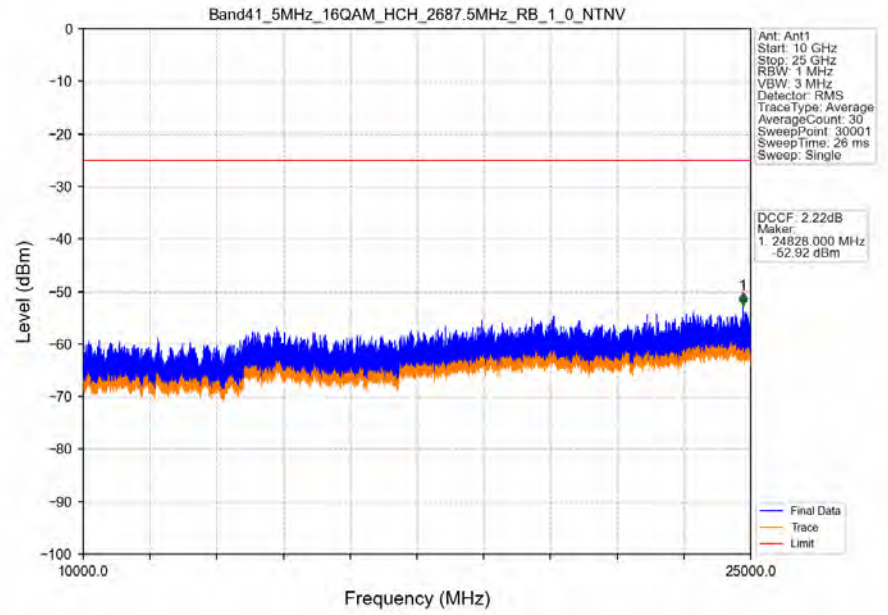
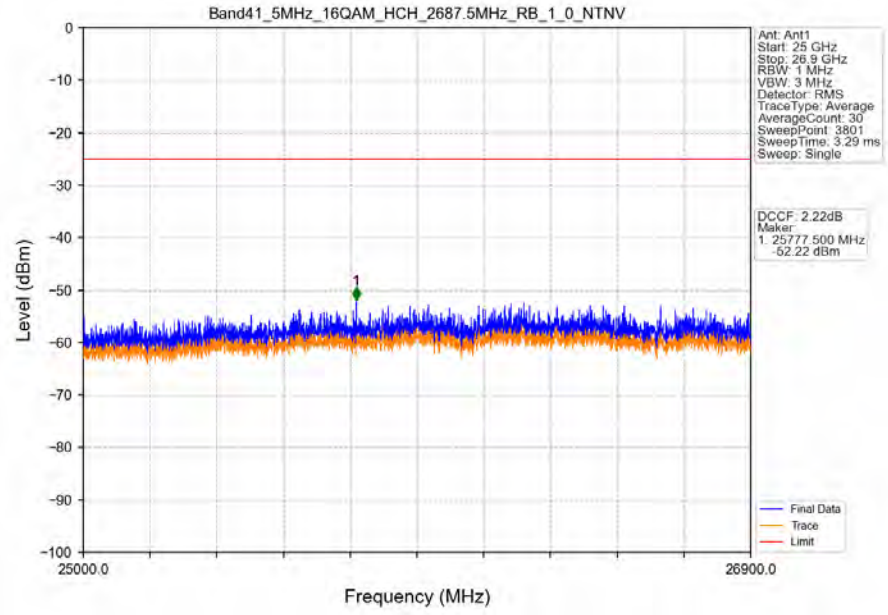


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-22.81	-13	Pass
2495	2496	0.1	/	2	2495.989	-26.97	-13	Pass
2496	2503.5	0.101	/	/	/	/	/	/

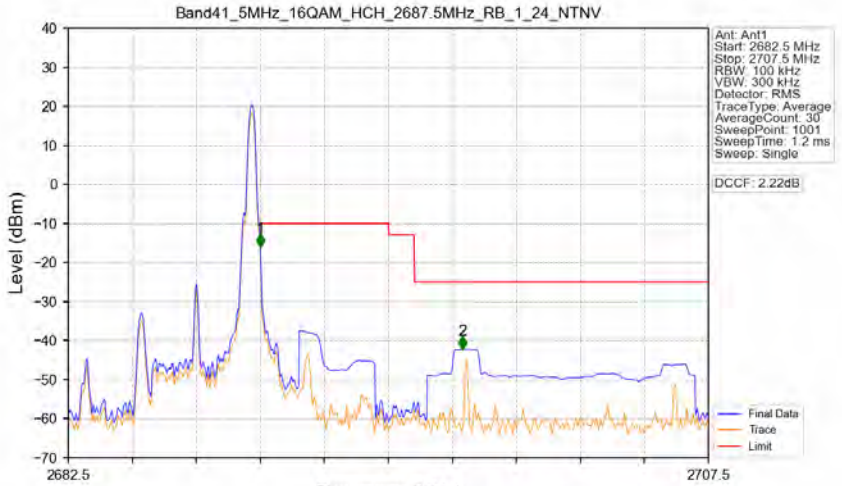
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV


Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV


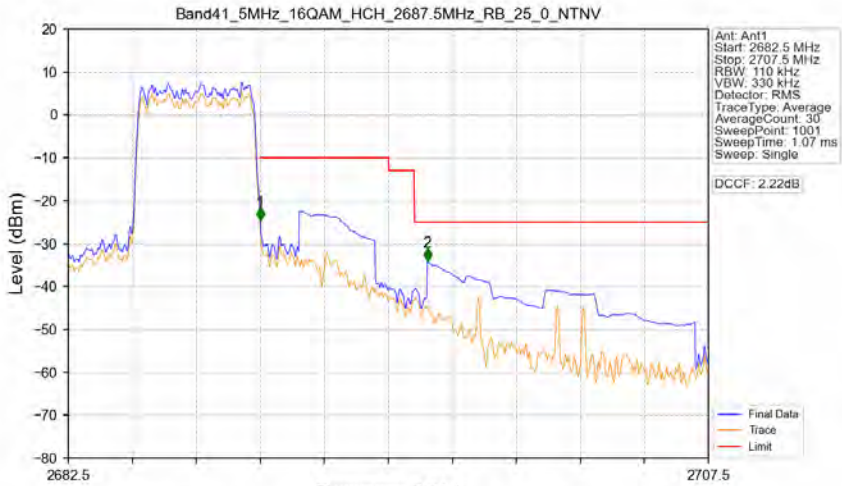
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-16.14	-10	Pass
2691	2707.5	1	CHP	2	2697.900	-42.21	-25	Pass

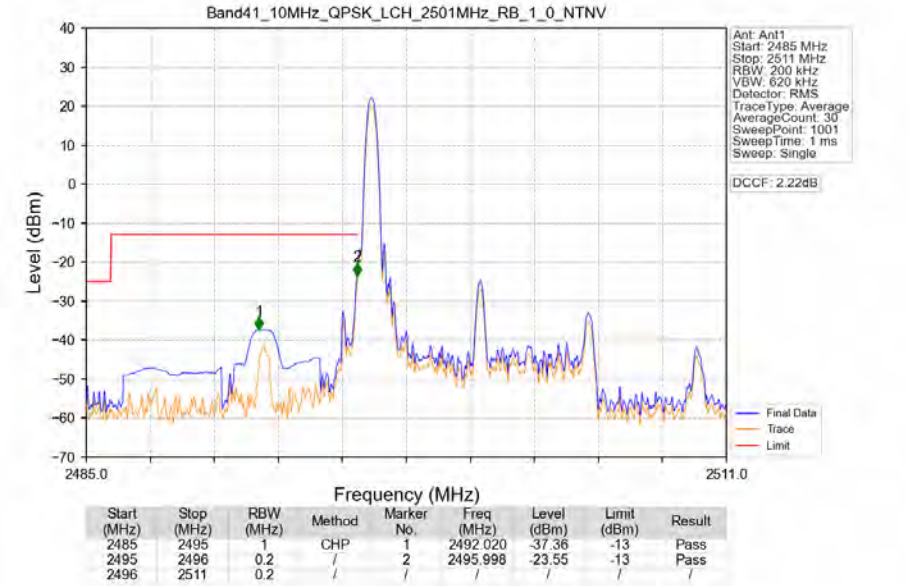
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.000	-24.63	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-34.15	-25	Pass

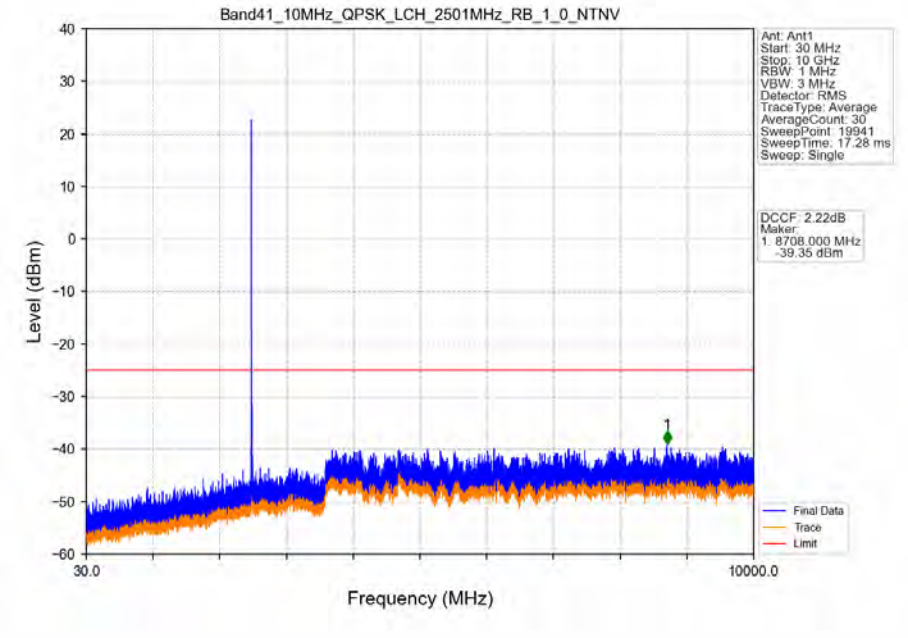
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

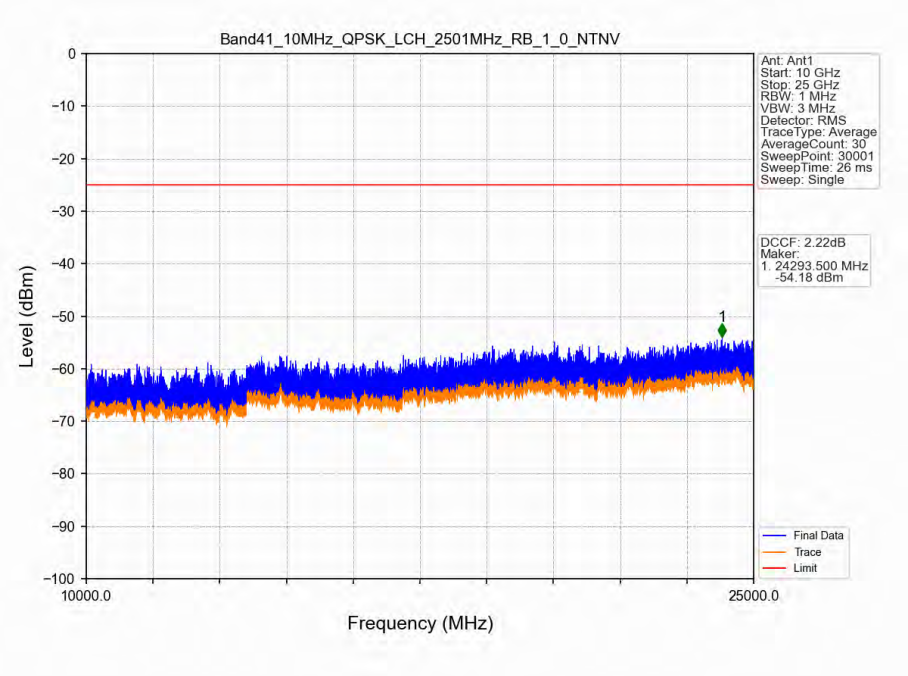


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2492.020	-37.36	-13	Pass
2495	2496	0.2	/	2	2495.998	-23.55	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

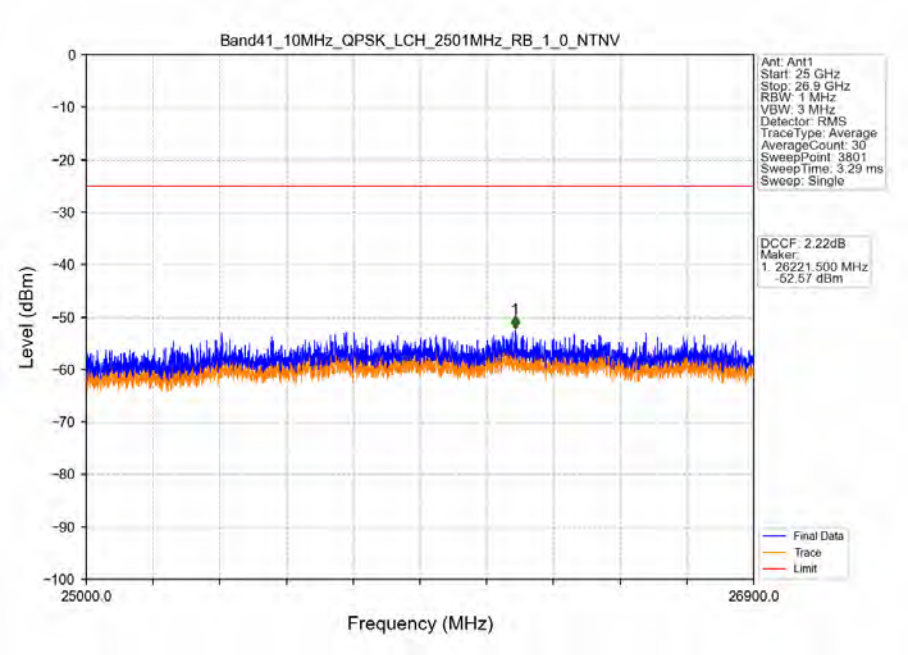
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



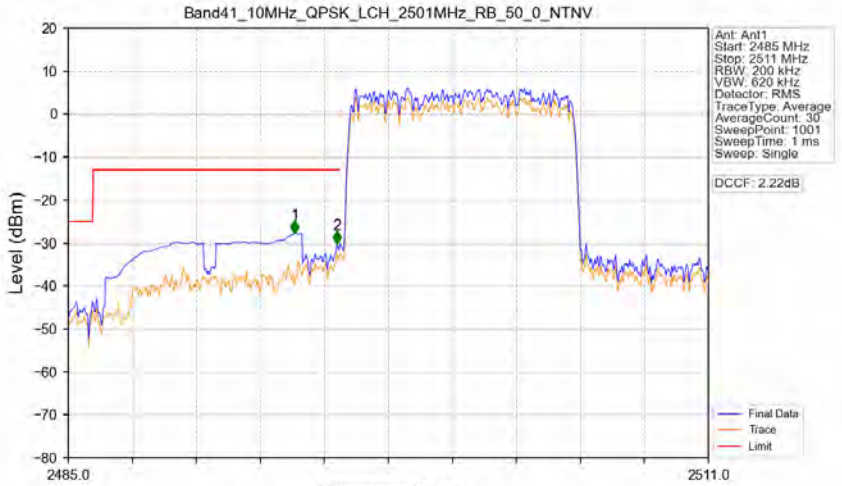
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

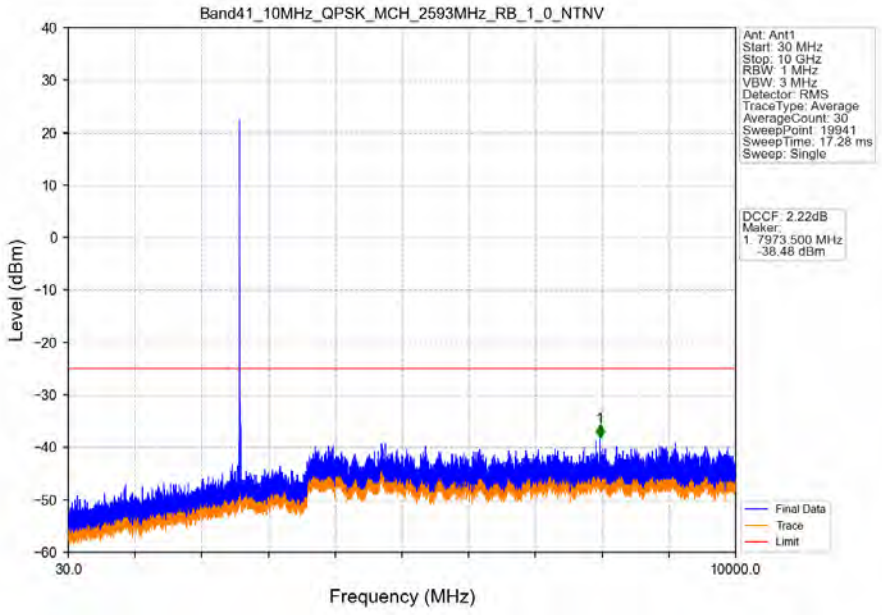


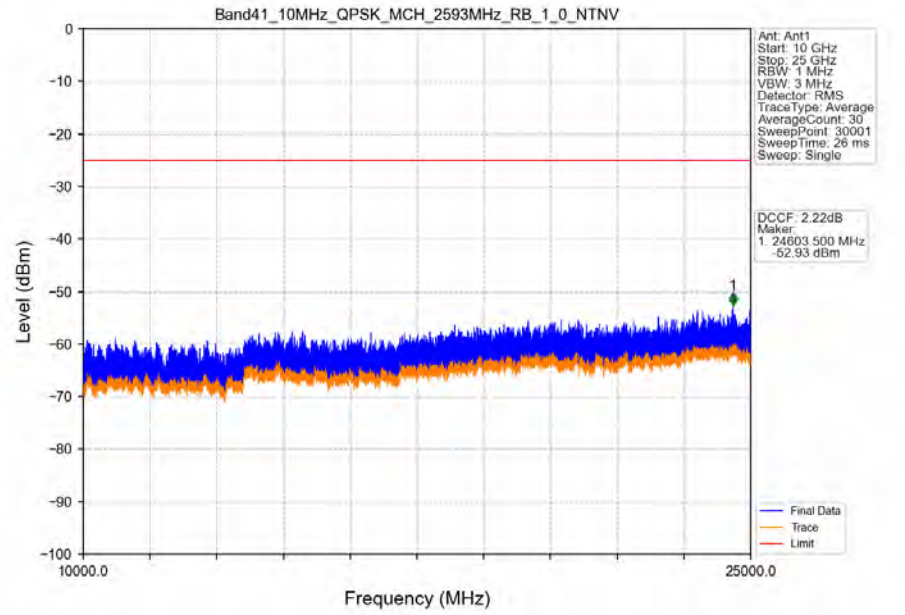
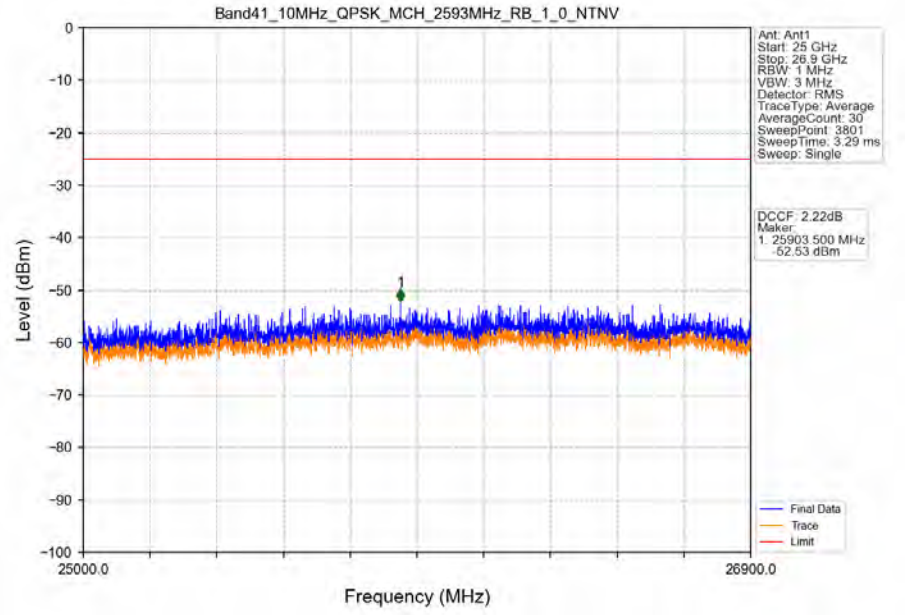
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

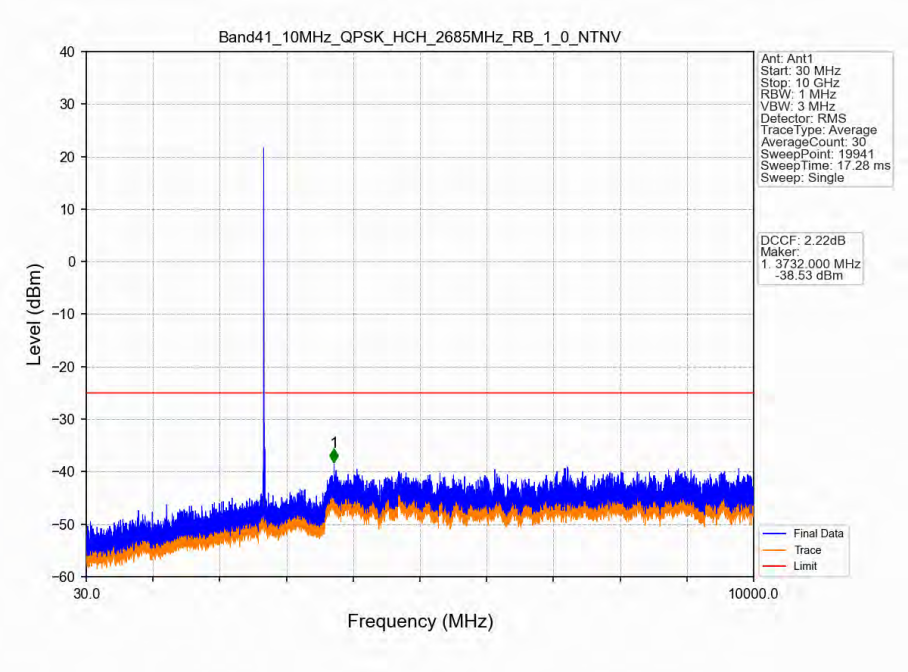
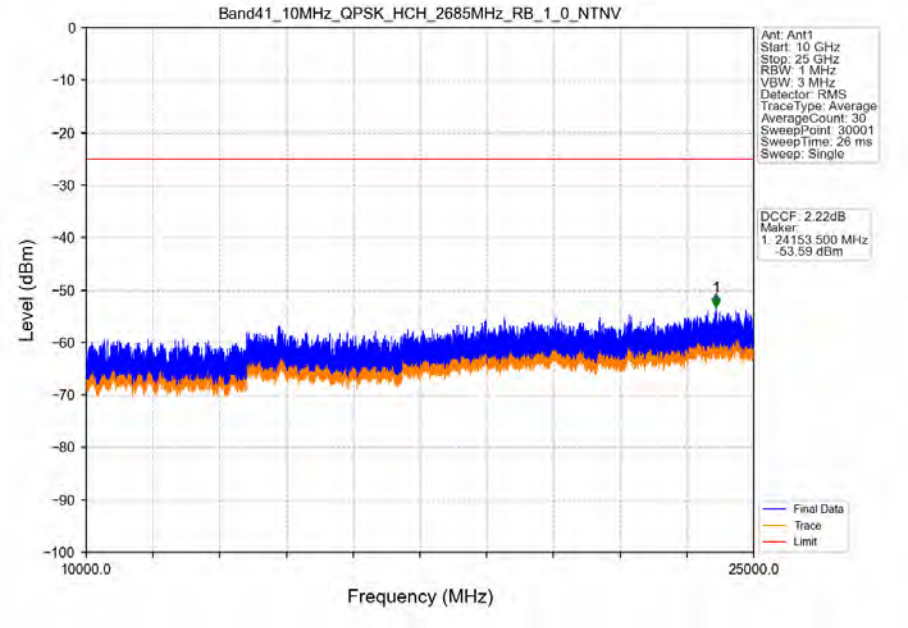


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.204	-27.82	-13	Pass
2495	2496	0.2	/	2	2495.920	-30.33	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

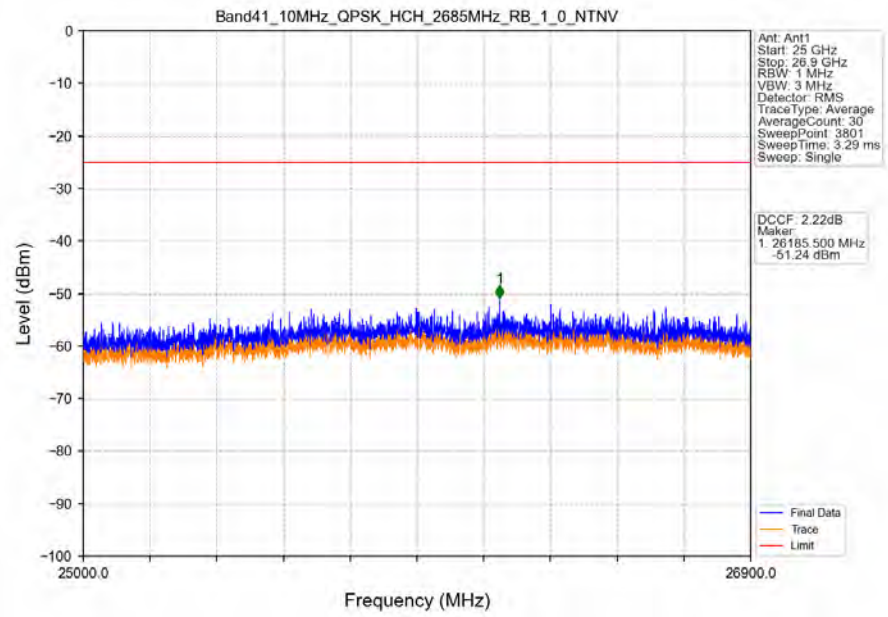
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



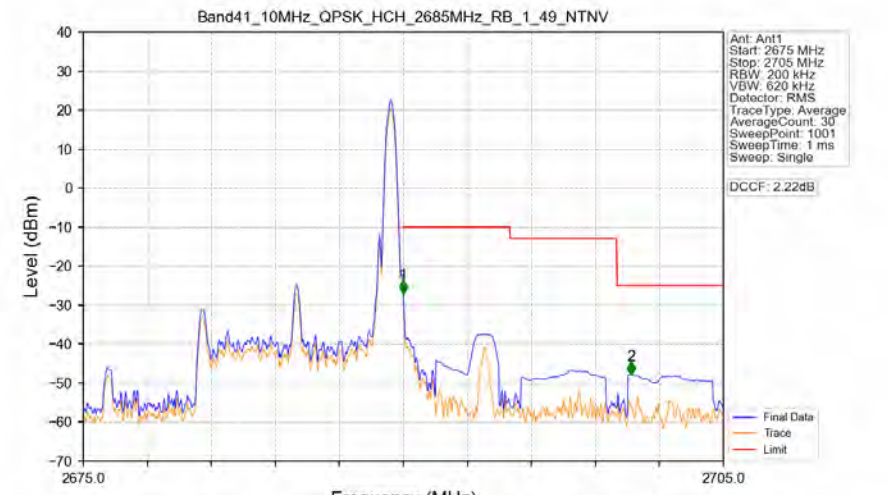
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

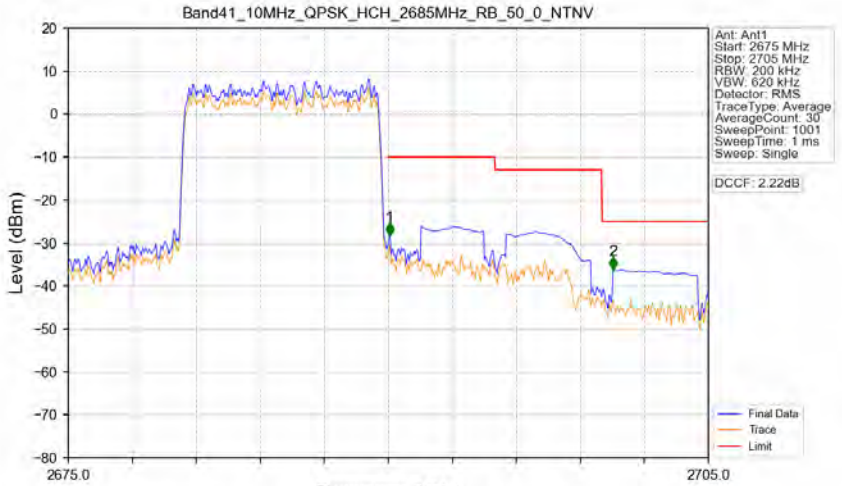


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



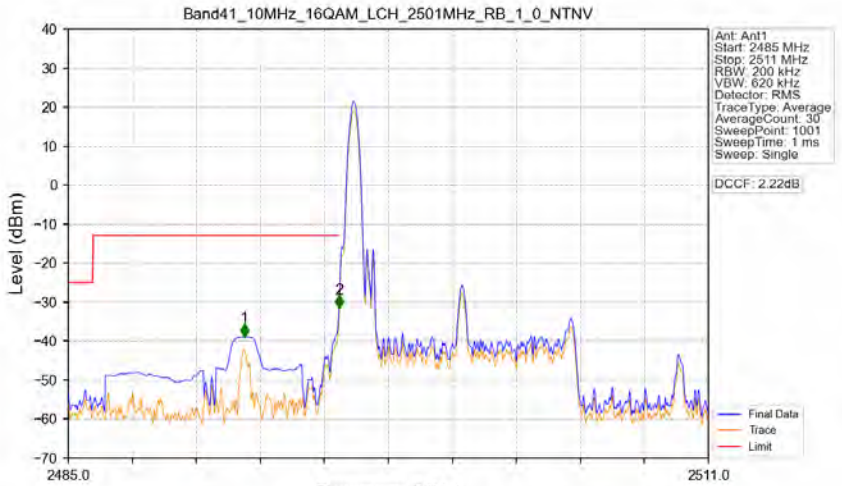
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.000	-27.06	-10	Pass
2691	2705	1	CHP	2	2700.680	-47.91	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



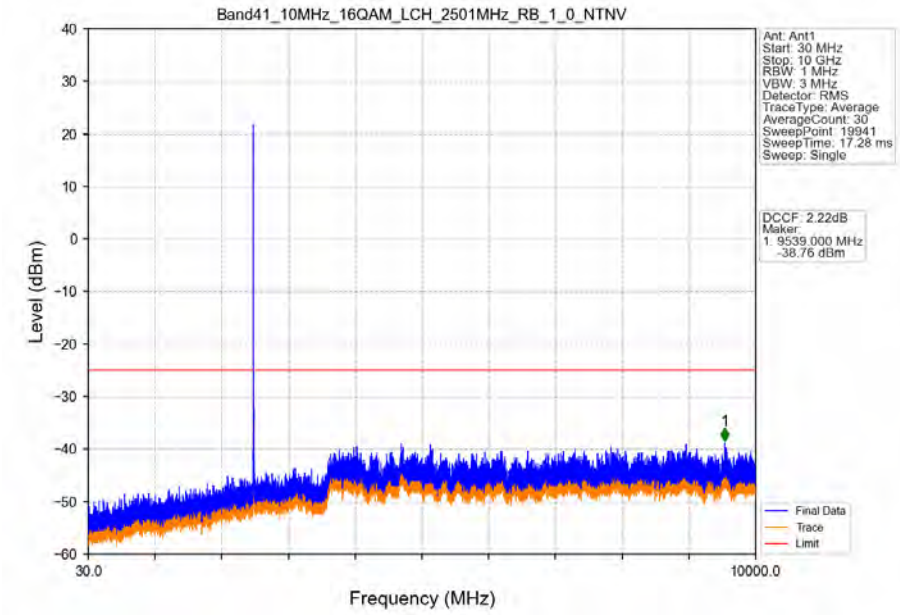
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.060	-28.29	-10	Pass
2691	2705	1	CHP	2	2700.530	-36.23	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

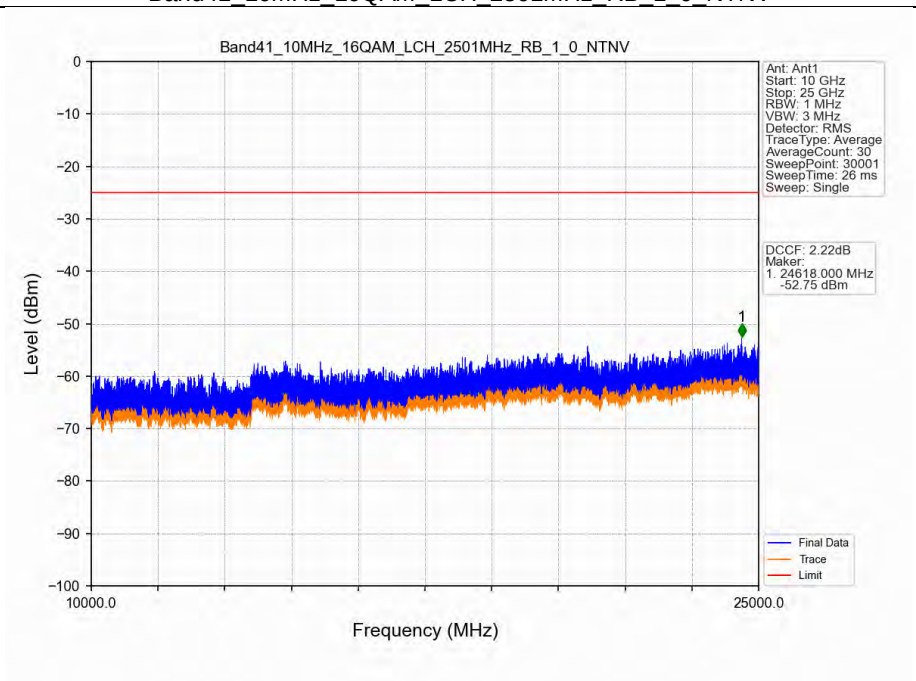


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2492.150	-38.89	-13	Pass
2495	2496	0.2	/	2	2495.998	-31.67	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

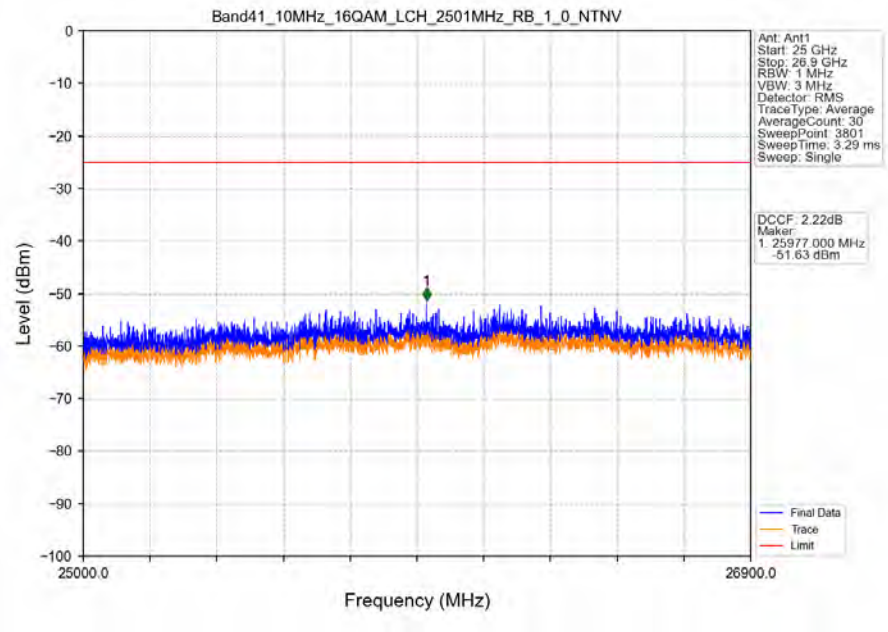
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



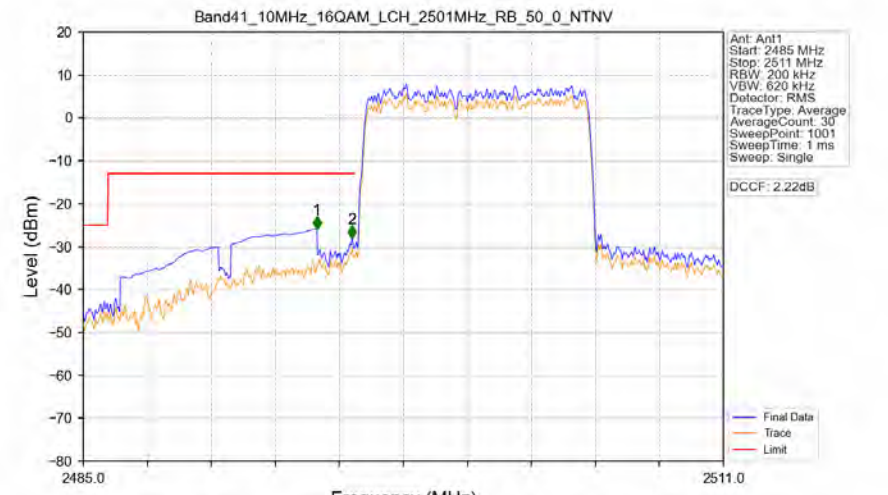
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



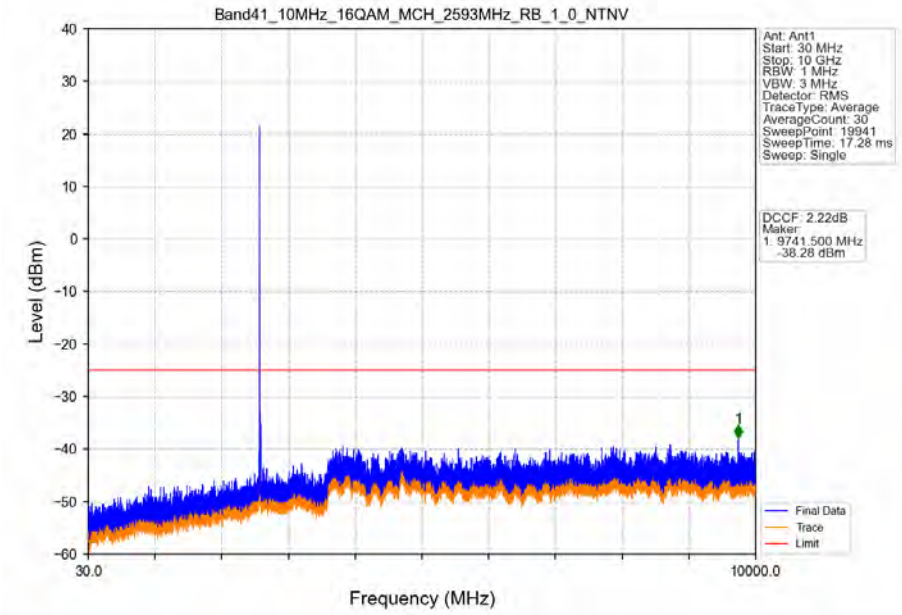
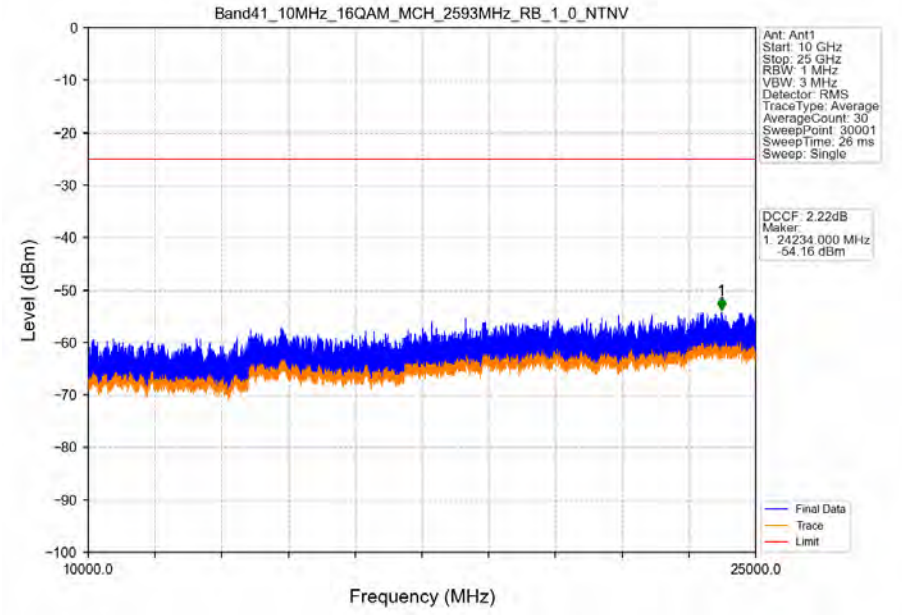
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

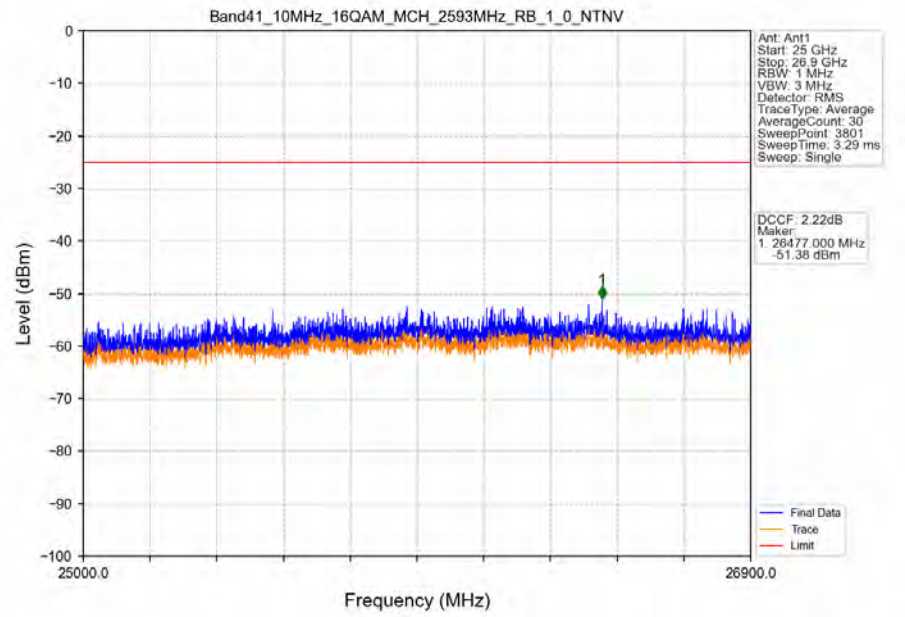
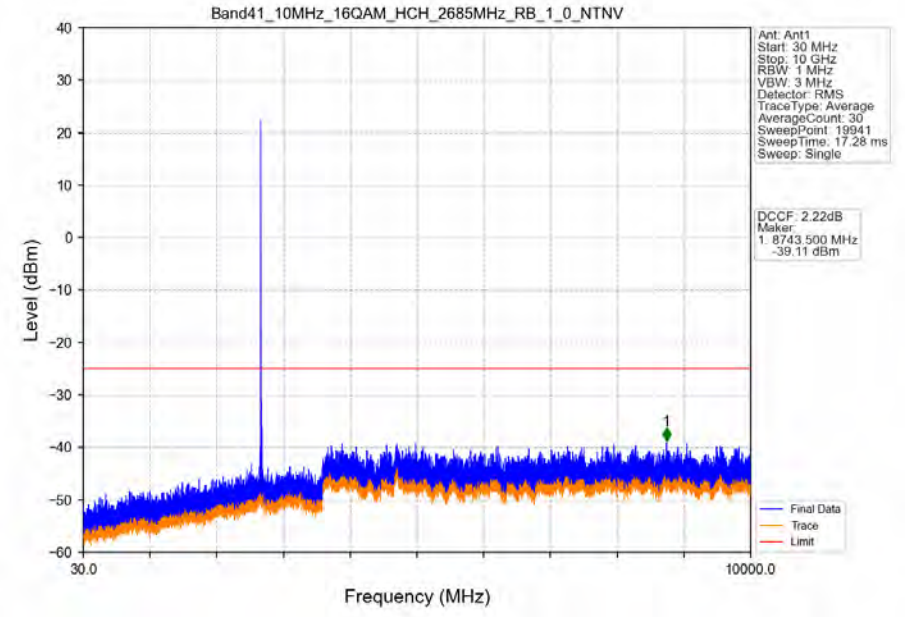


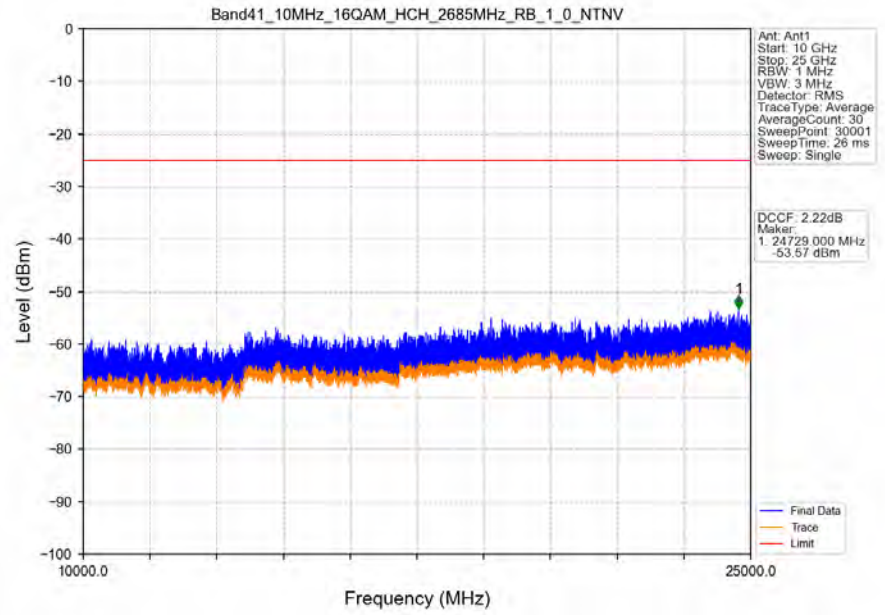
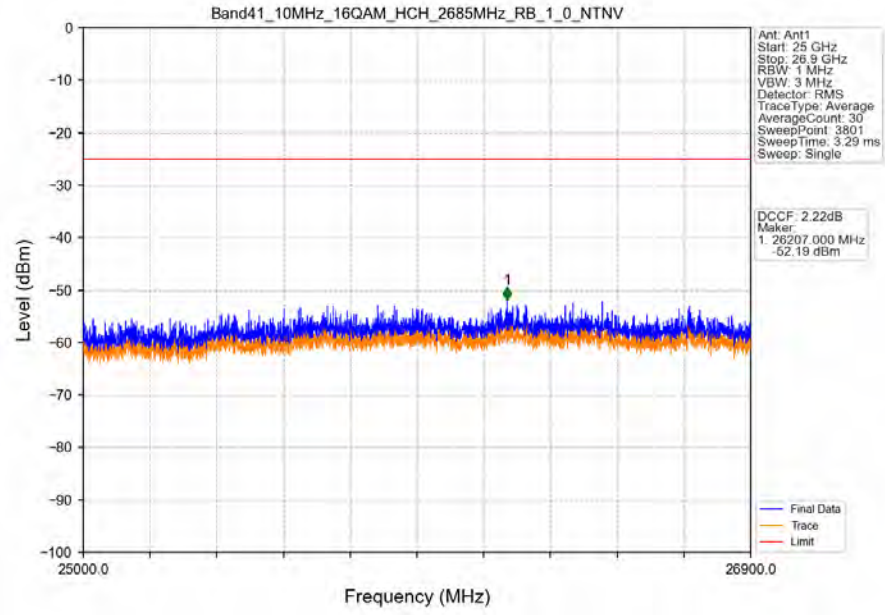
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



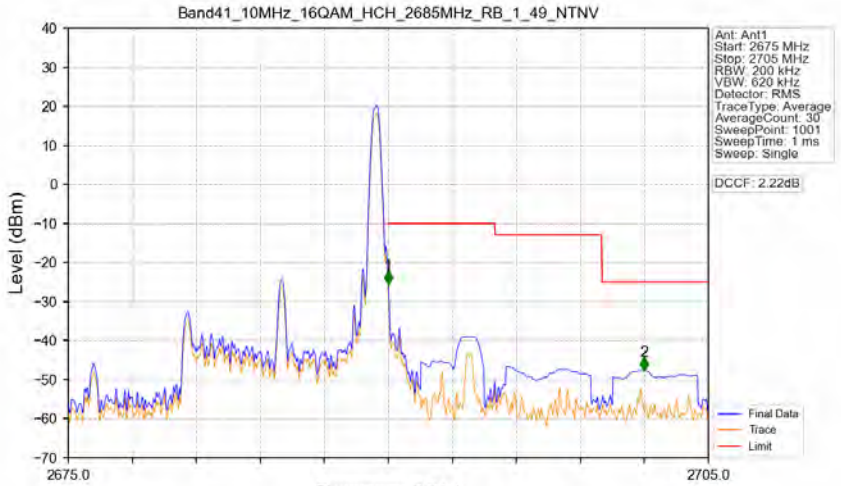
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-25.95	-13	Pass
2495	2496	0.2	/	2	2495.920	-28.09	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV


Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV


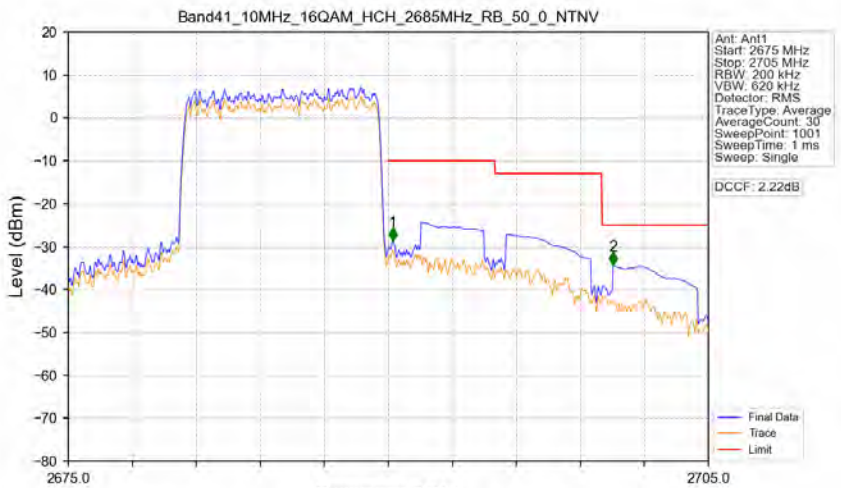
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV

Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV


Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.000	-25.62	-10	Pass
2691	2705	1	CHP	2	2702.000	-47.70	-25	Pass

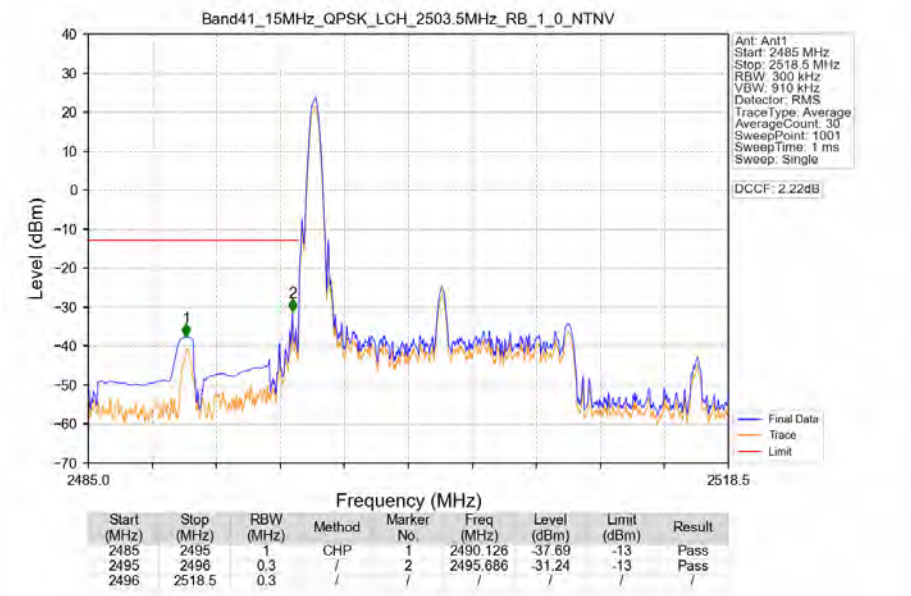
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.210	-28.68	-10	Pass
2691	2705	1	CHP	2	2700.530	-34.28	-25	Pass

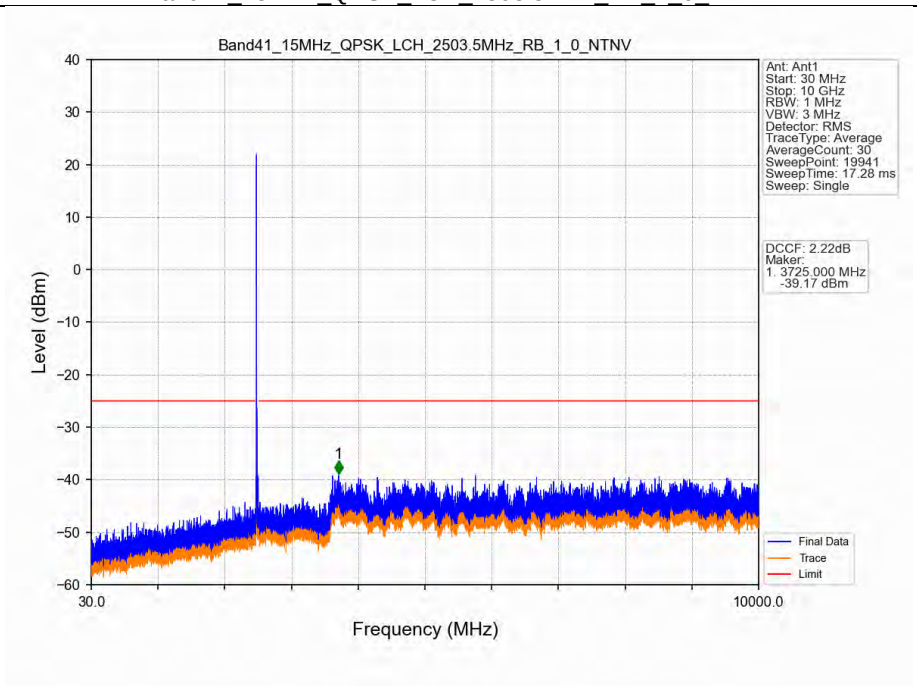
5.2.3 B41_15MHz

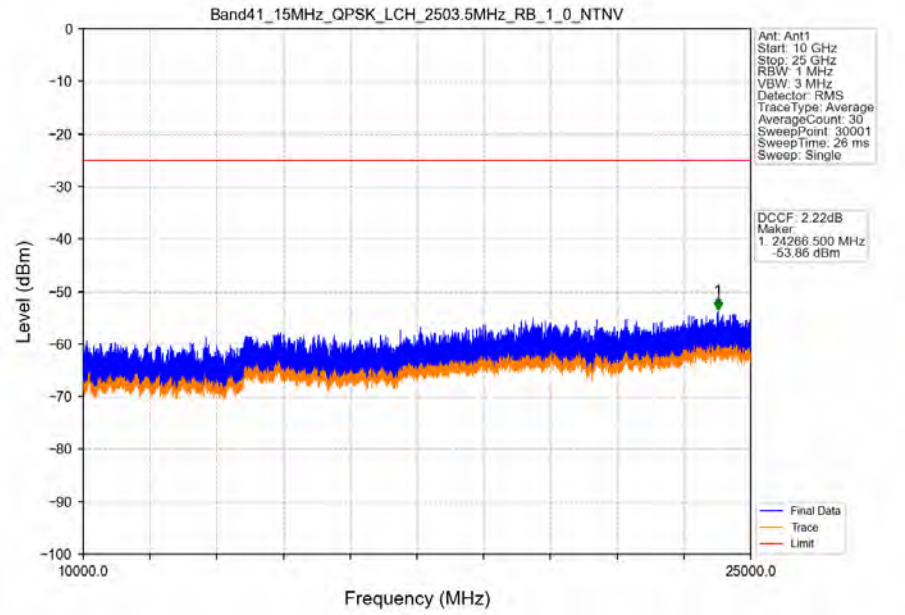
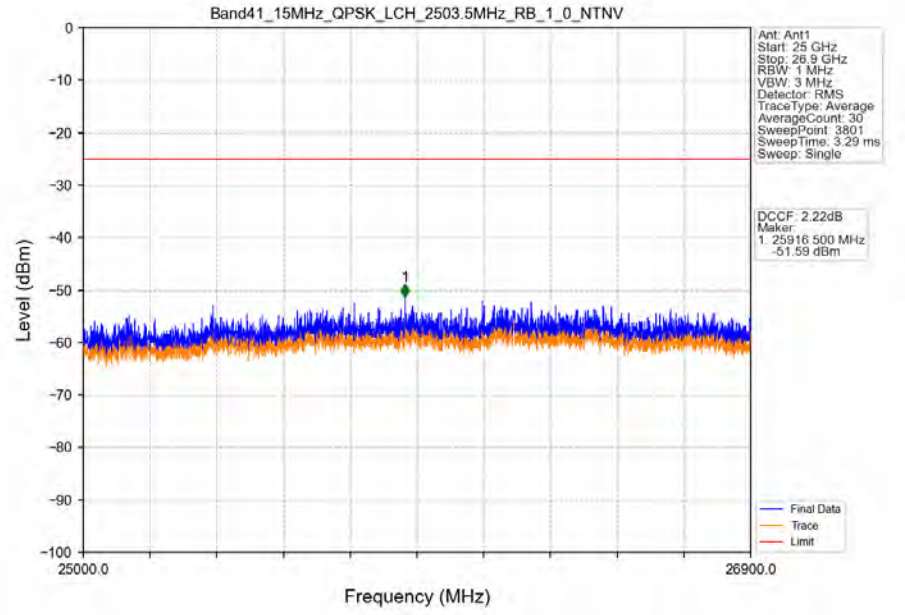
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



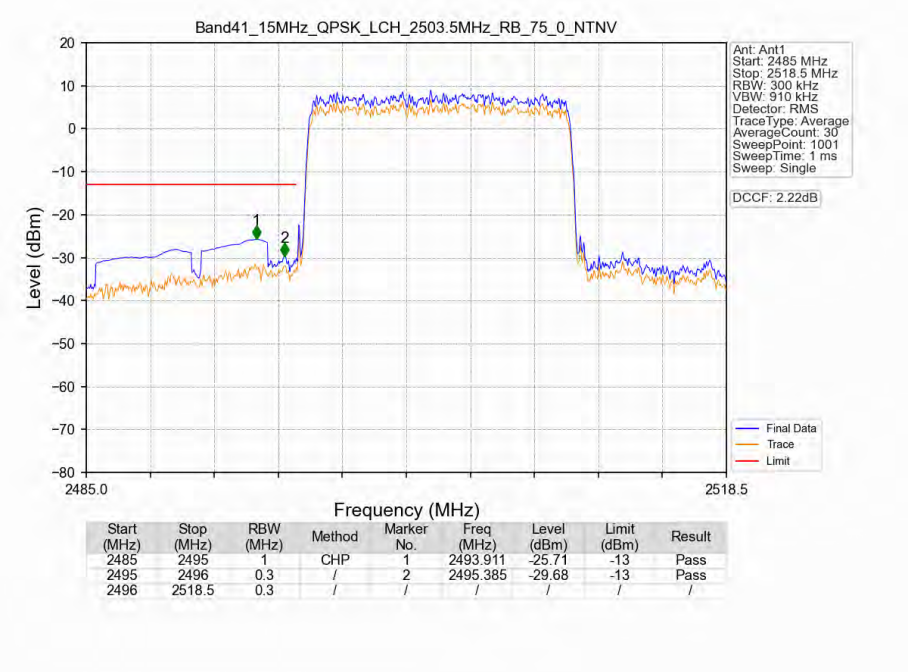
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.126	-37.69	-13	Pass
2495	2496	0.3	/	2	2495.686	-31.24	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



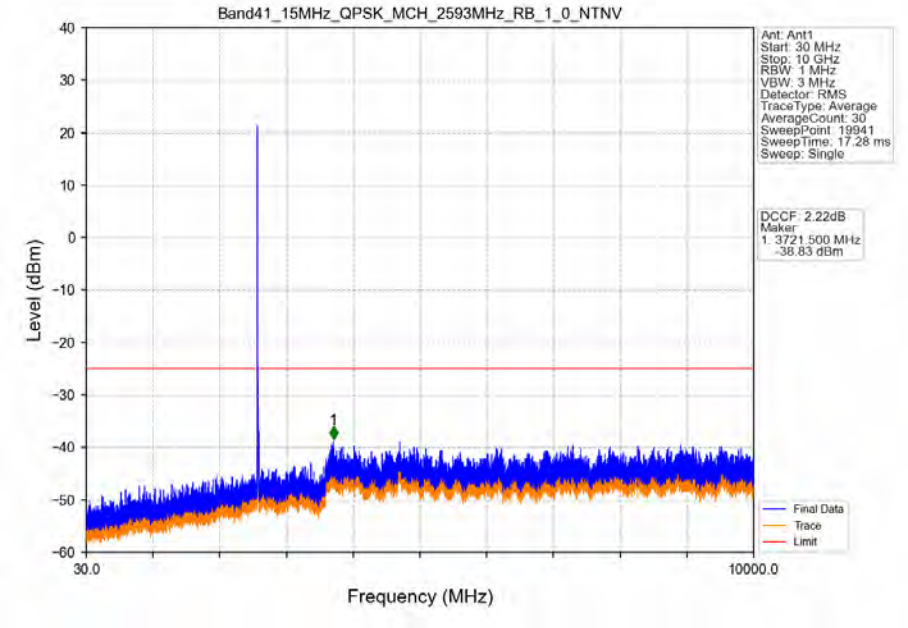
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV


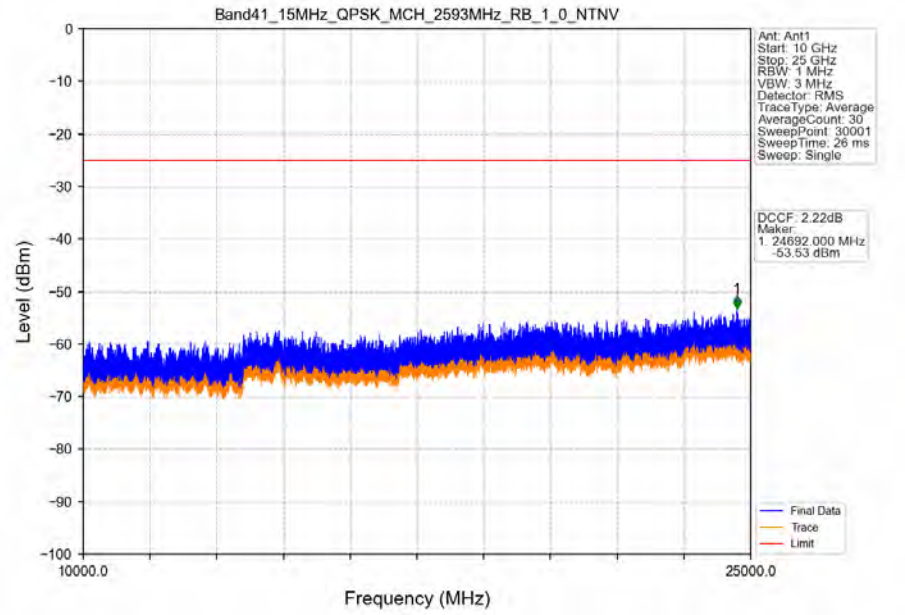
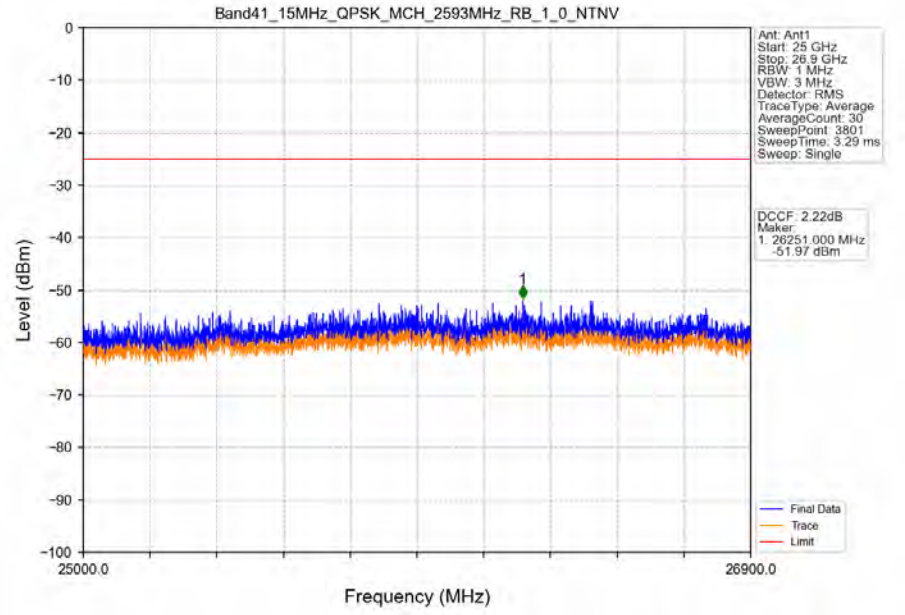
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

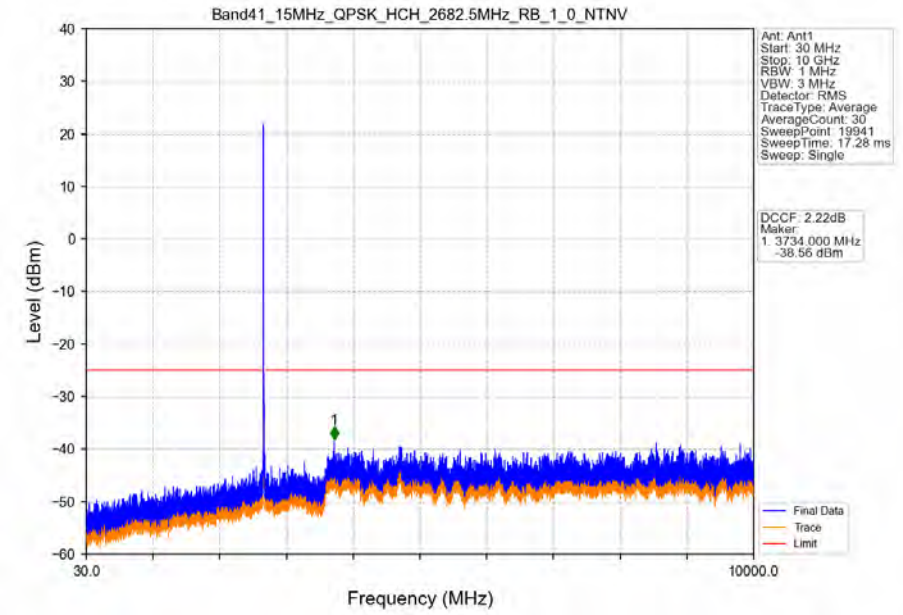
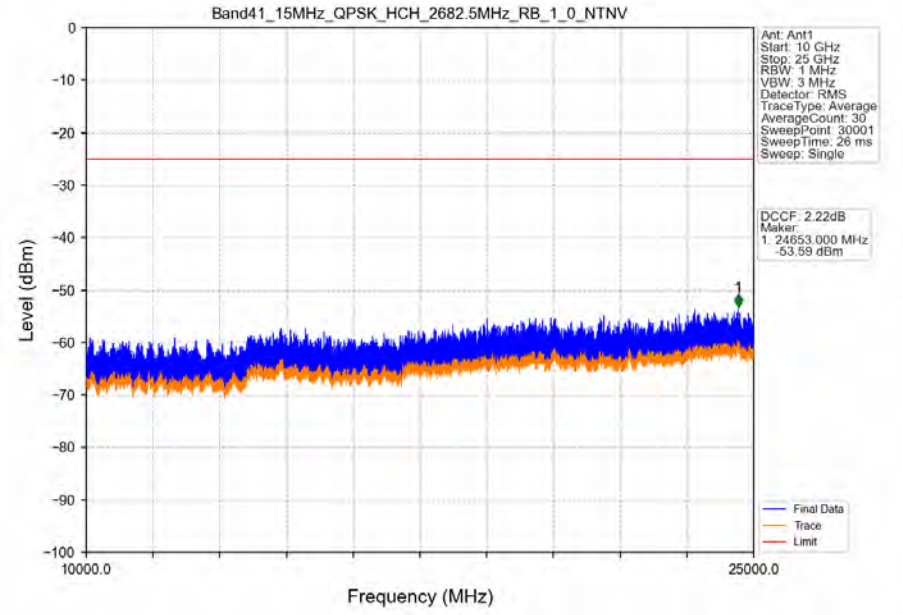


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.911	-25.71	-13	Pass
2495	2496	0.3	/	2	2495.385	-29.68	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

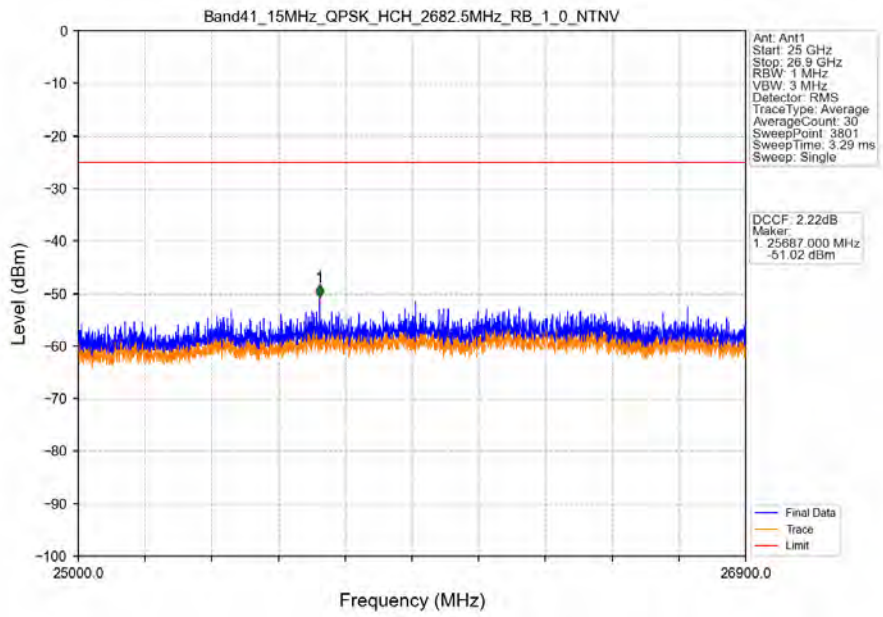
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



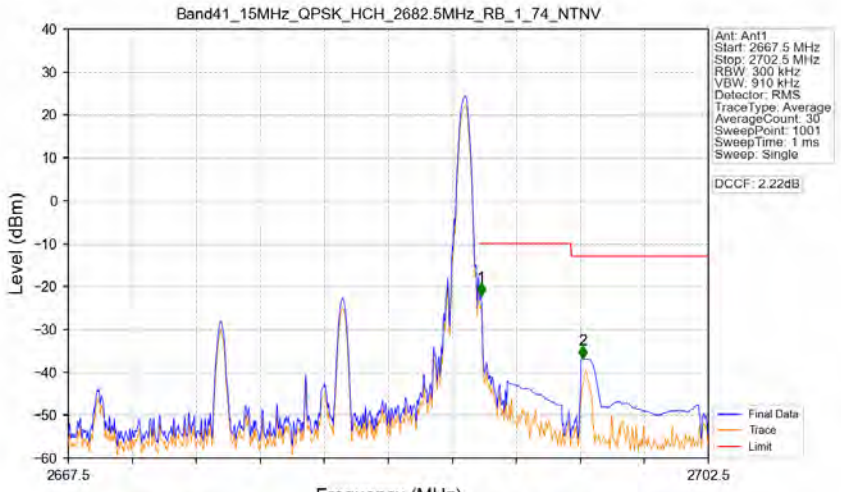
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV

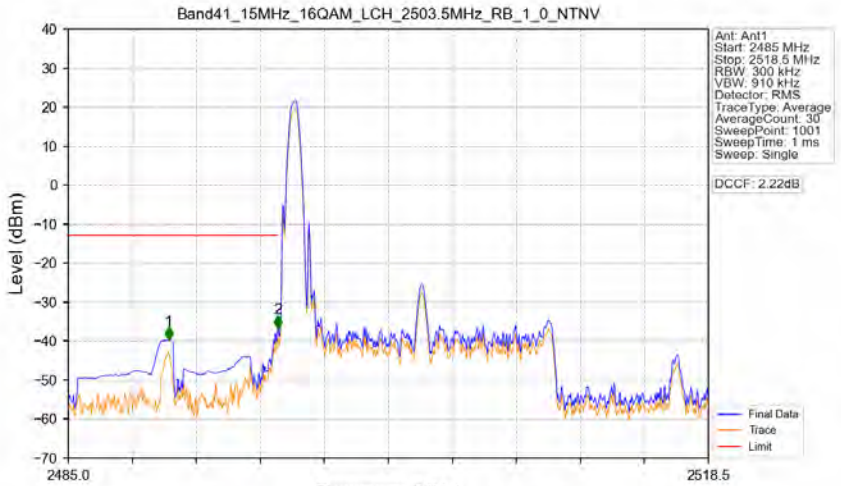


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.075	-22.25	-10	Pass
2691	2702.5	1	CHP	2	2695.640	-36.95	-13	Pass

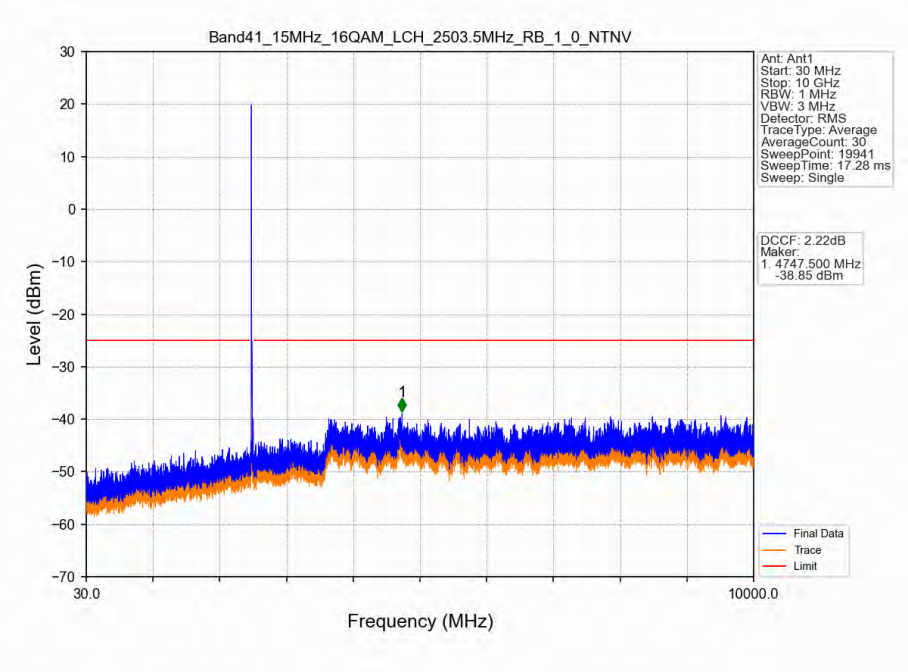
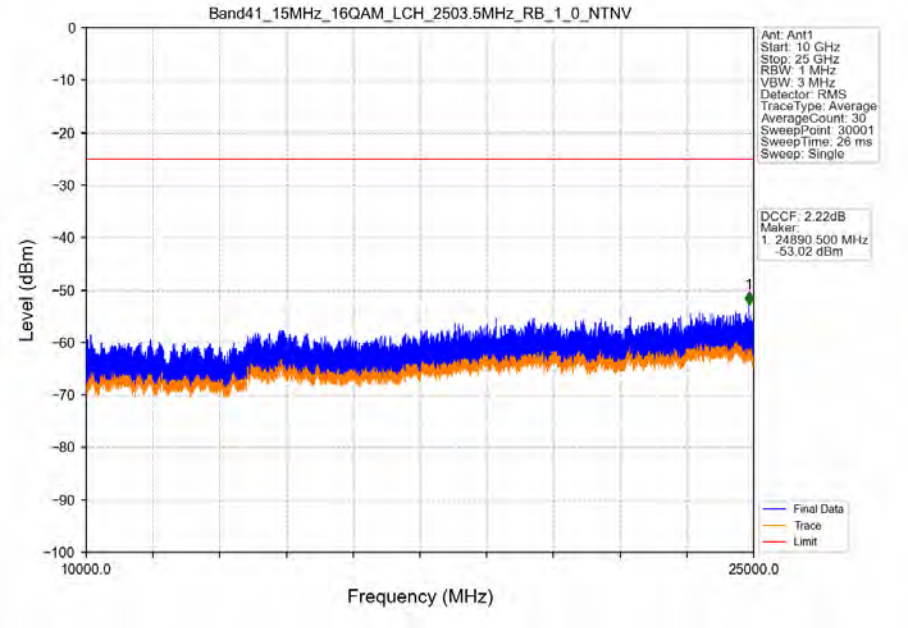
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.110	-28.26	-10	Pass
2691	2702.5	1	CHP	2	2691.965	-23.65	-10	Pass

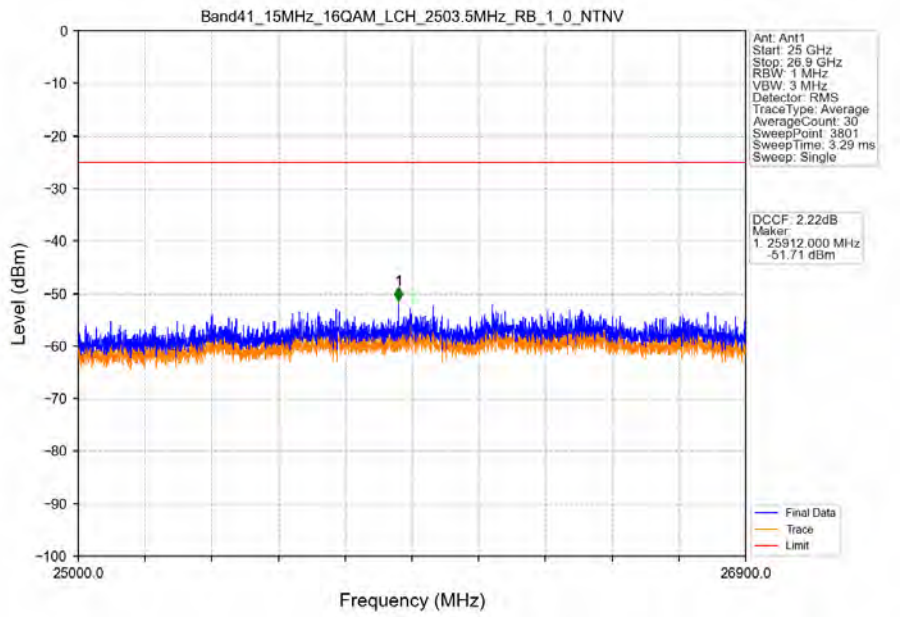
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



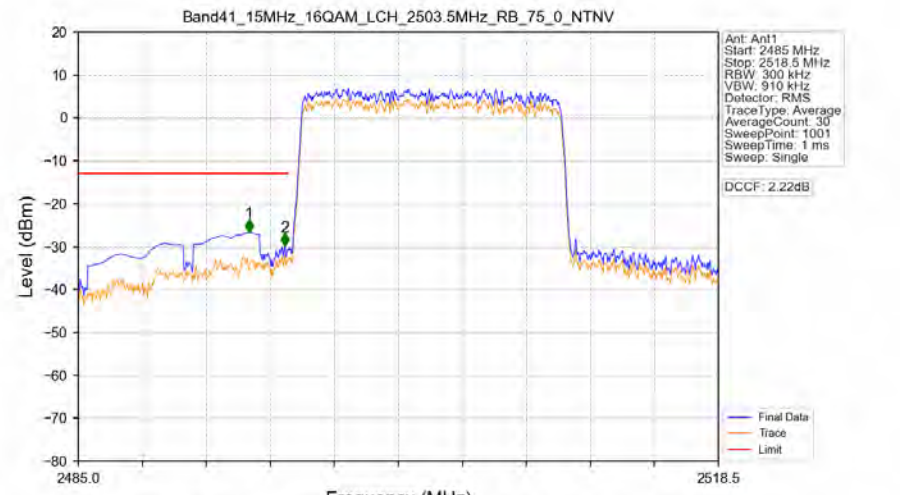
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.260	-39.78	-13	Pass
2495	2496	0.3	/	2	2495.988	-36.73	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV


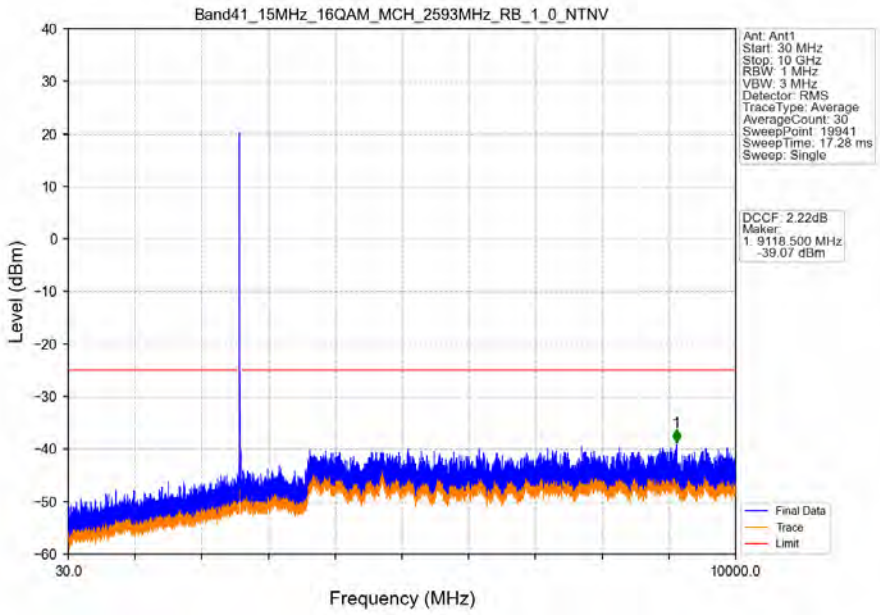
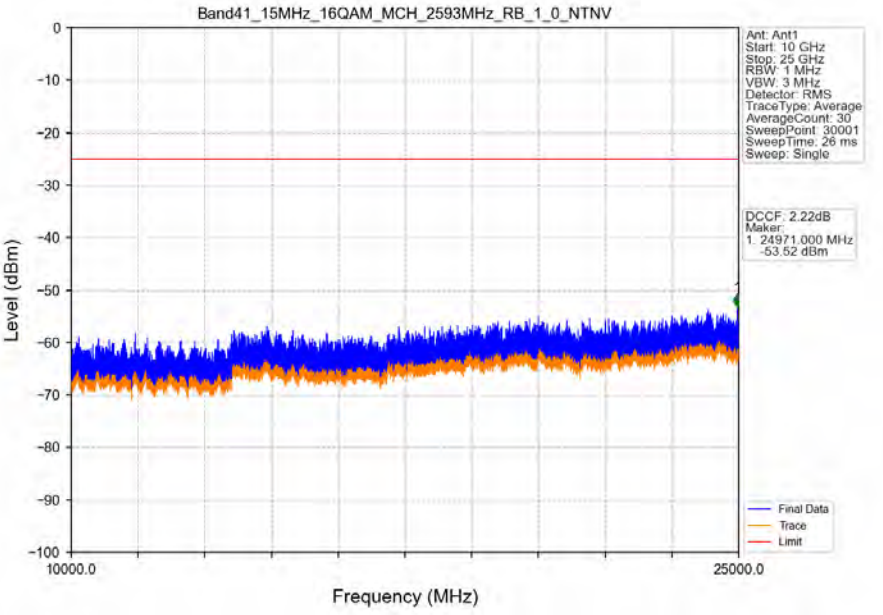
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

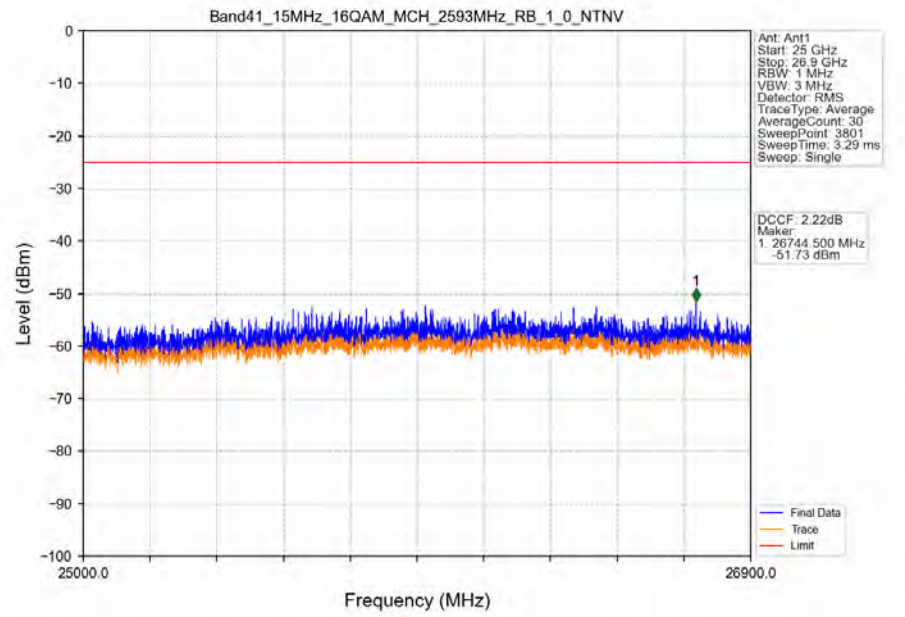
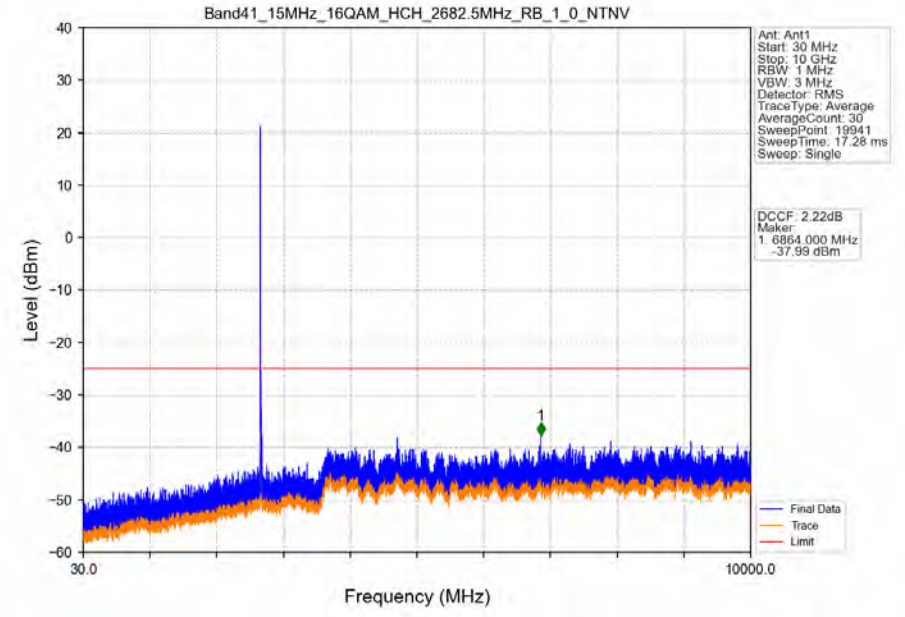


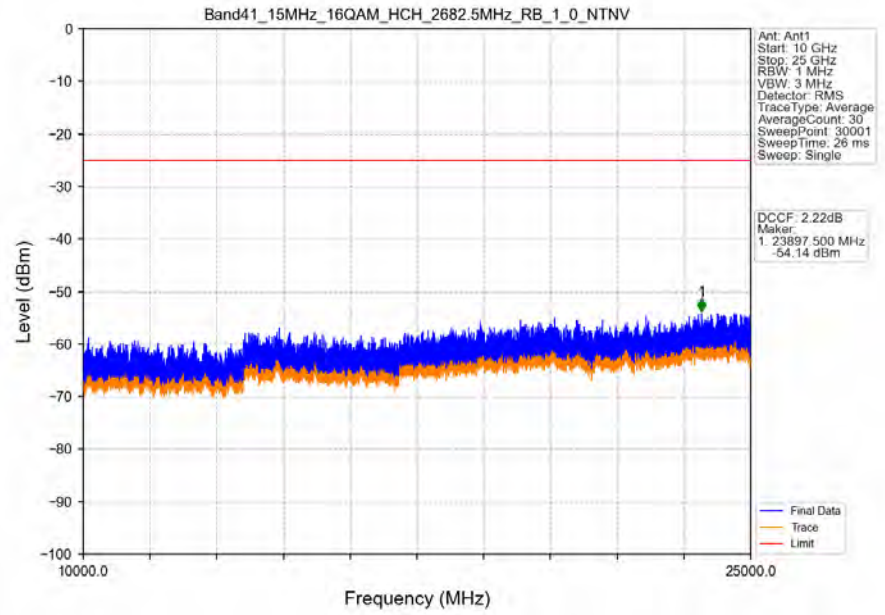
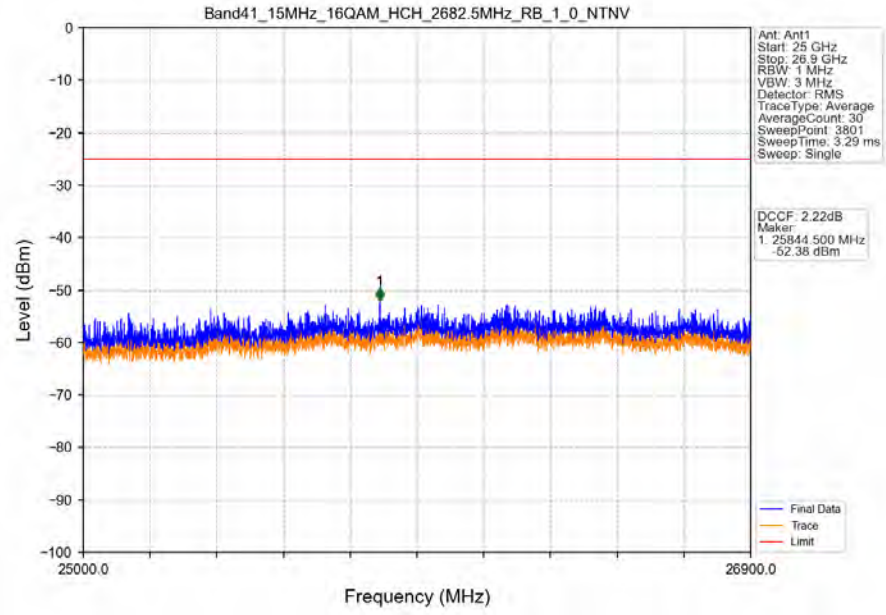
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



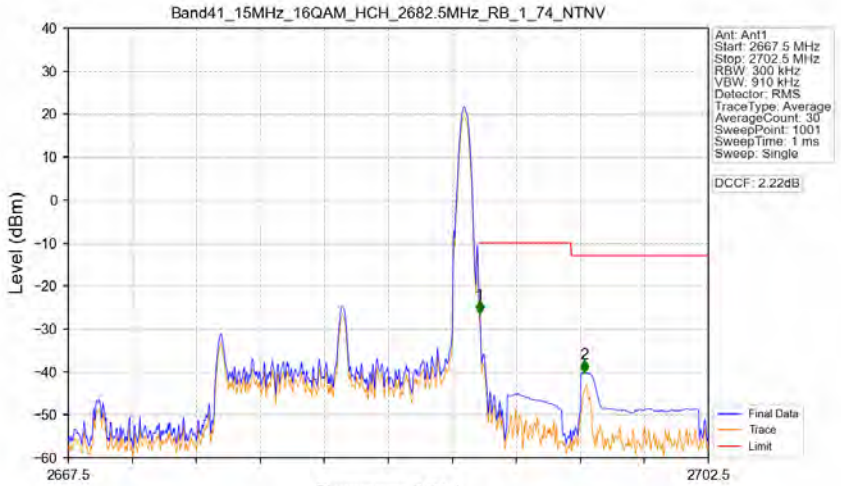
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.945	-26.67	-13	Pass
2495	2496	0.3	/	2	2495.820	-29.91	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV


Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV


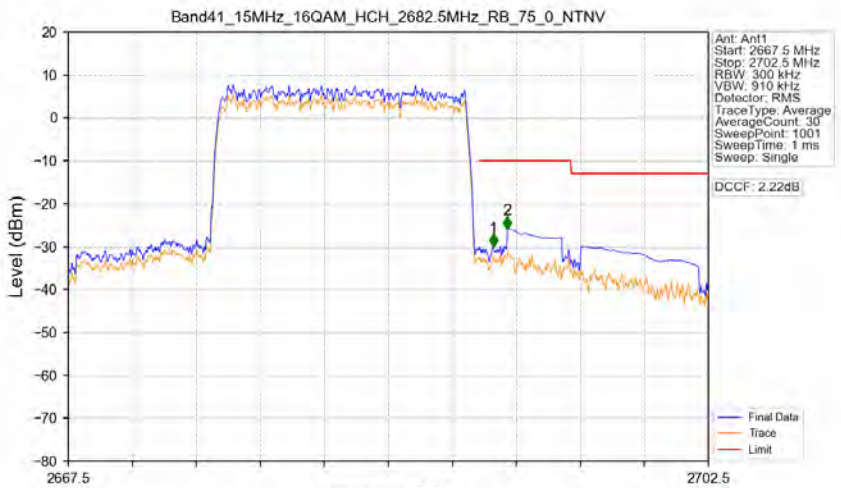
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.005	-26.45	-10	Pass
2691	2702.5	1	CHP	2	2695.710	-40.31	-13	Pass

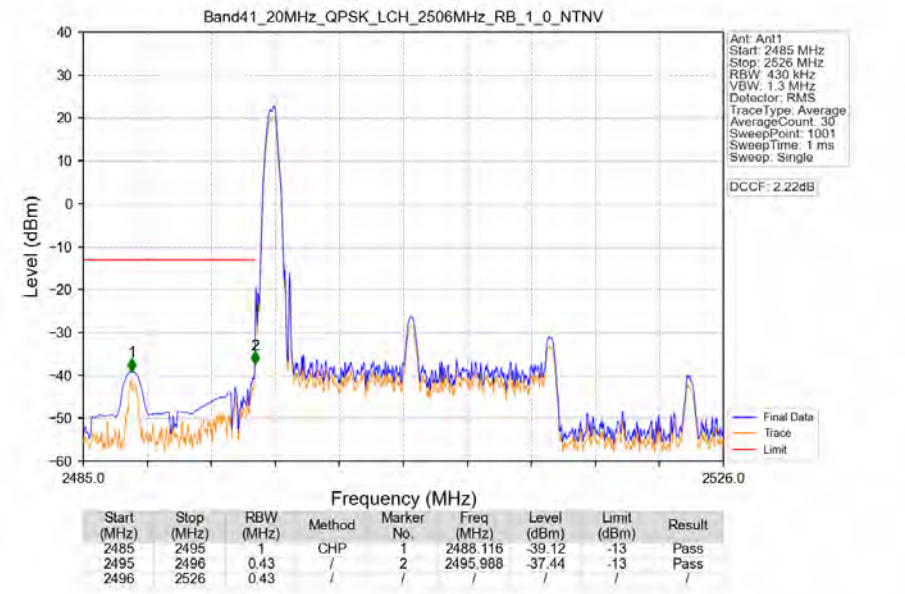
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.740	-30.08	-10	Pass
2691	2702.5	1	CHP	2	2691.510	-25.97	-10	Pass

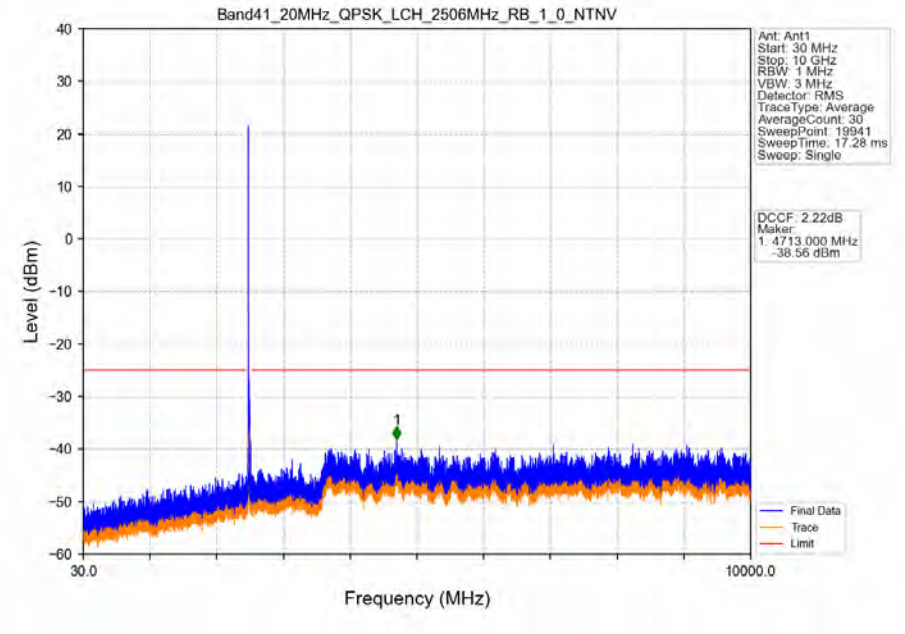
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

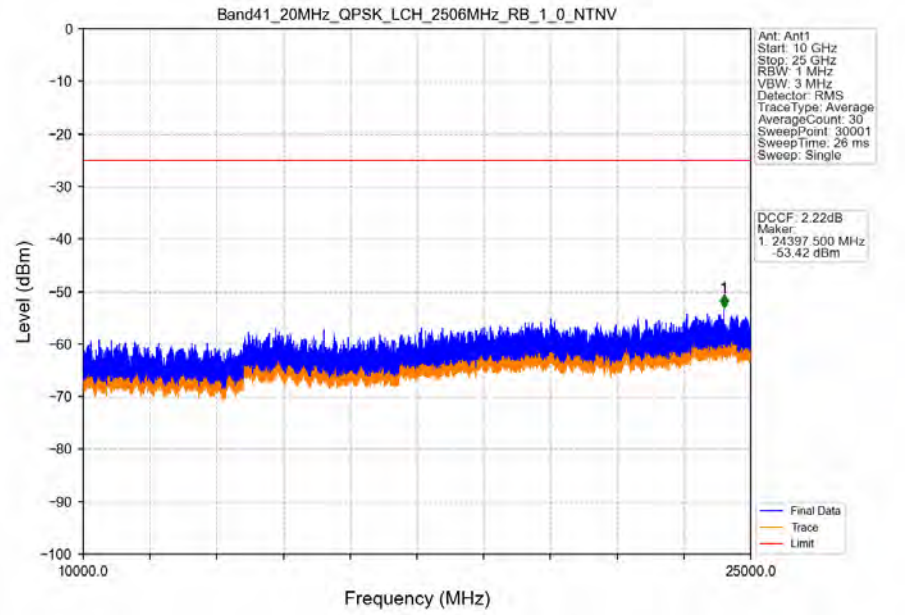


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.116	-39.12	-13	Pass
2495	2496	0.43	/	2	2495.988	-37.44	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

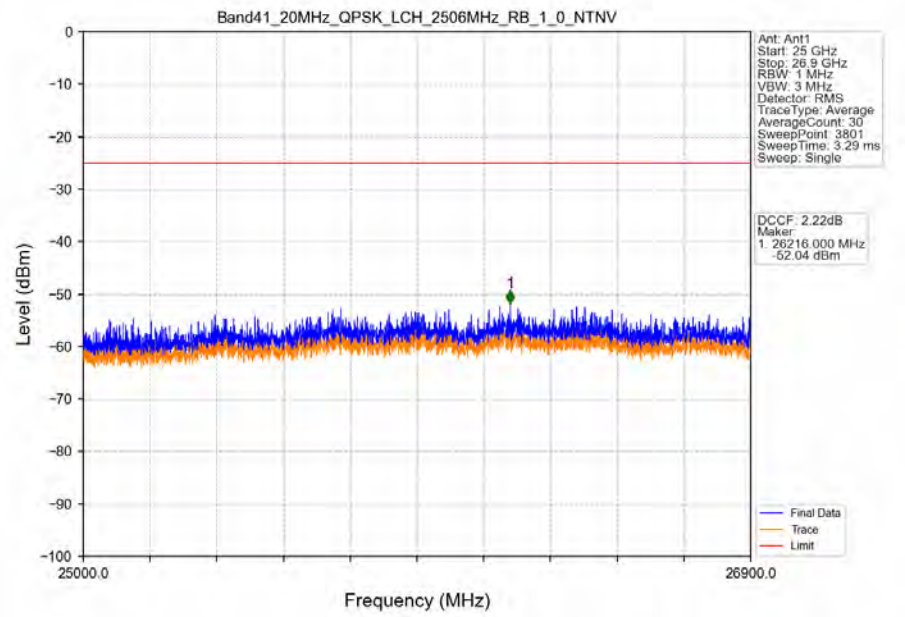
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



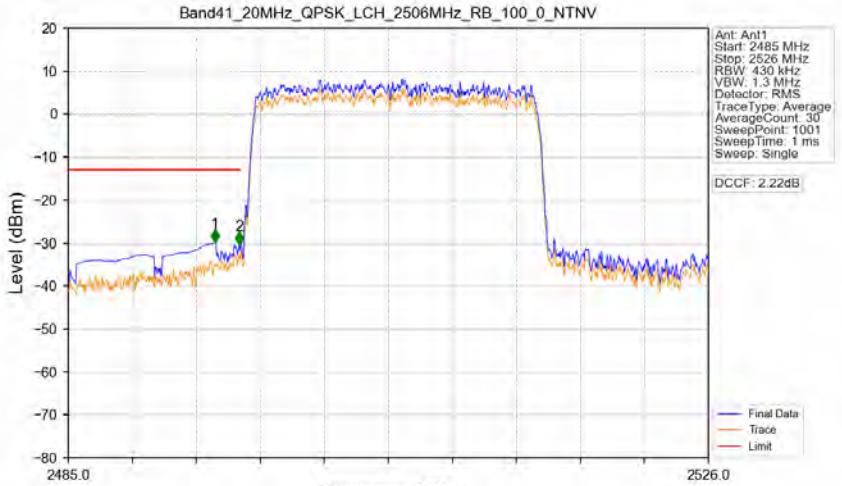
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

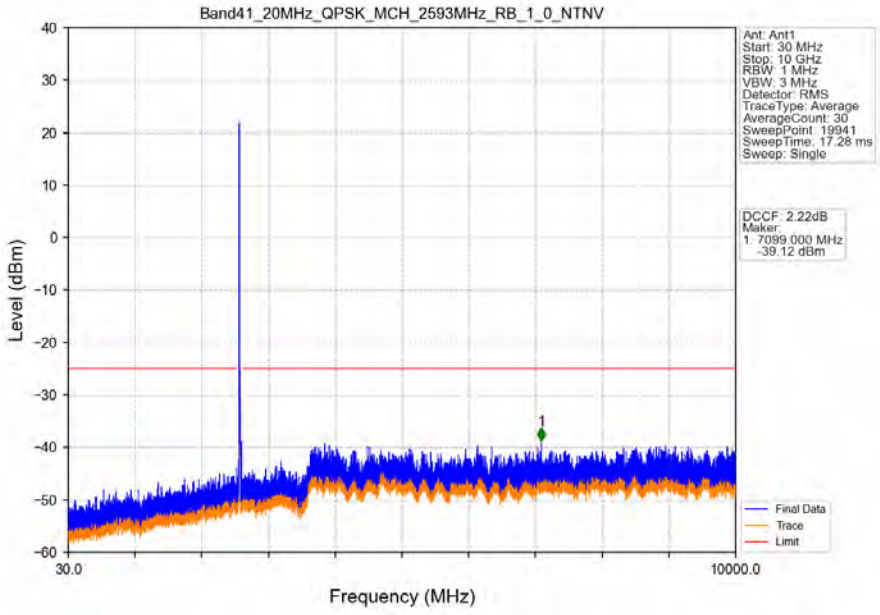


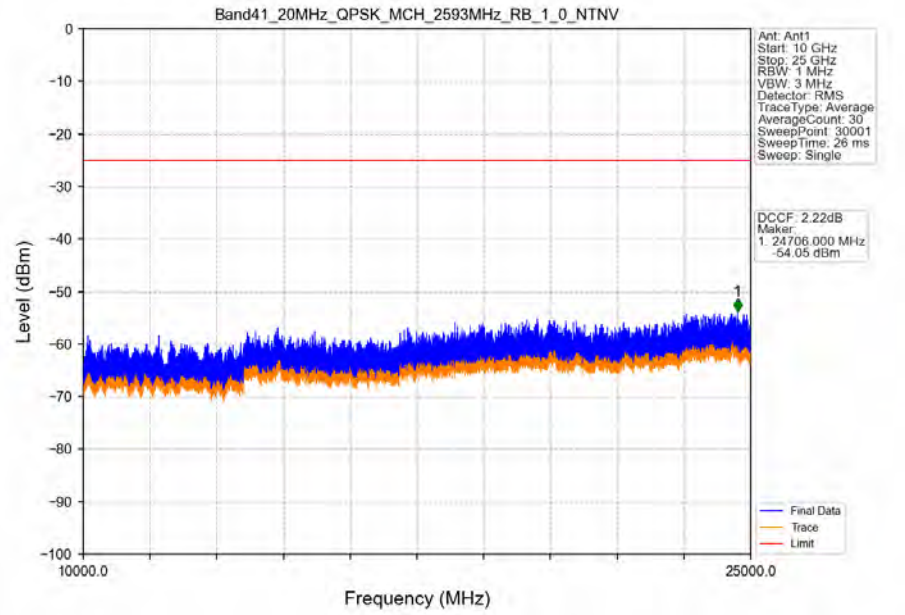
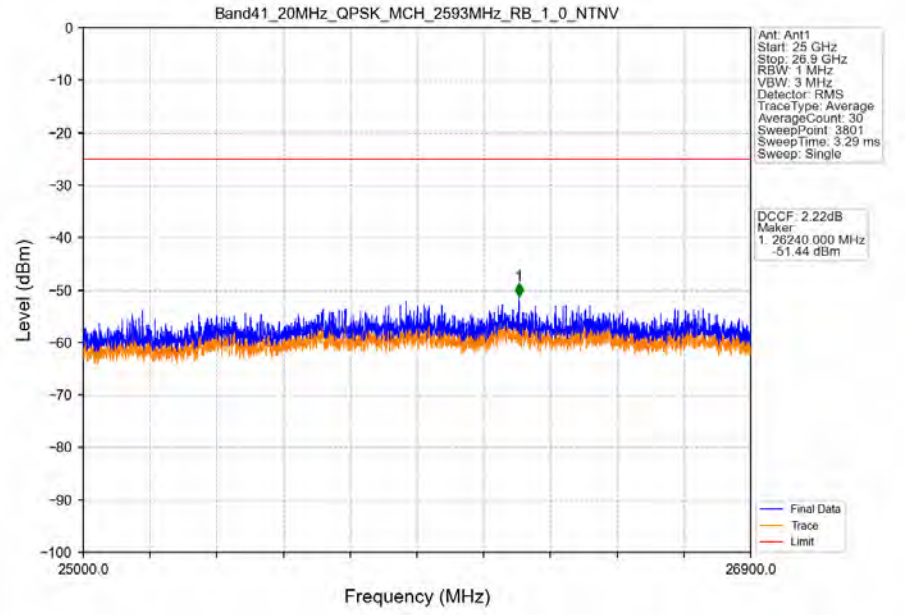
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

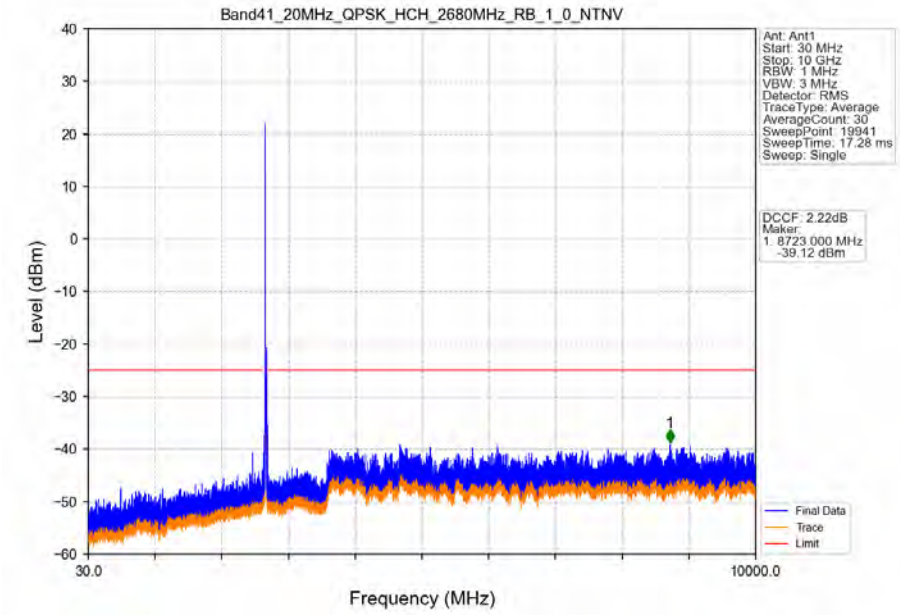
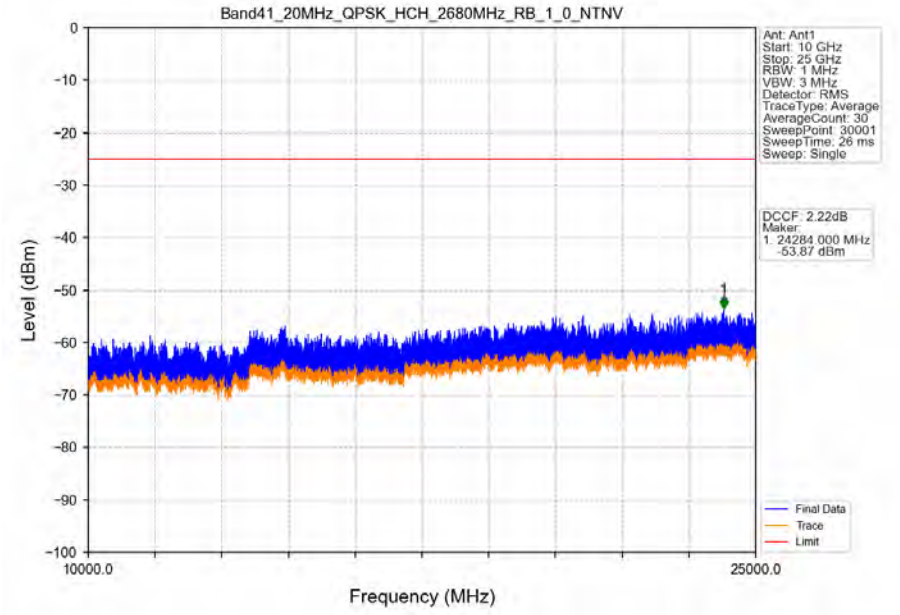


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.389	-29.98	-13	Pass
2495	2496	0.43	/	2	2495.947	-30.39	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

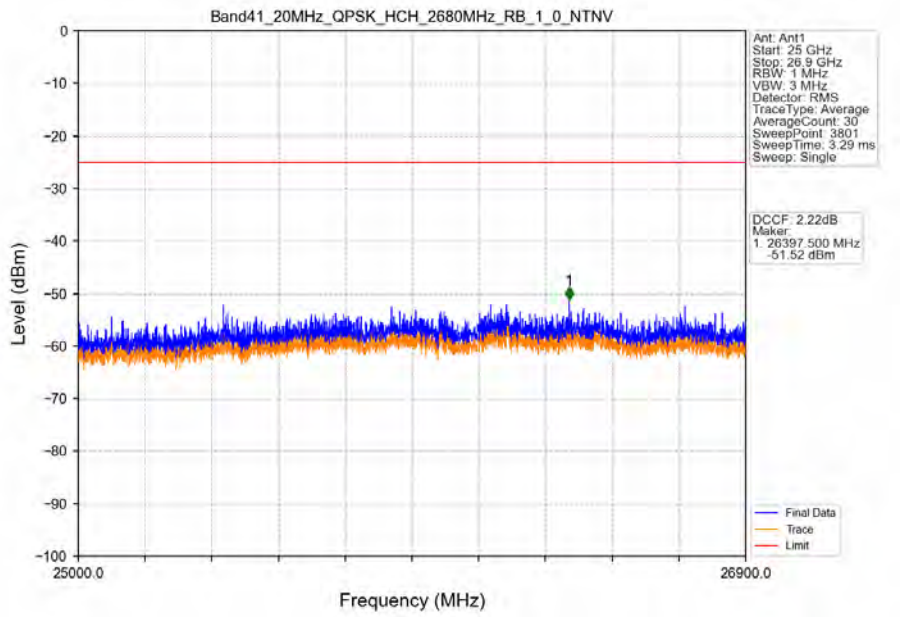
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



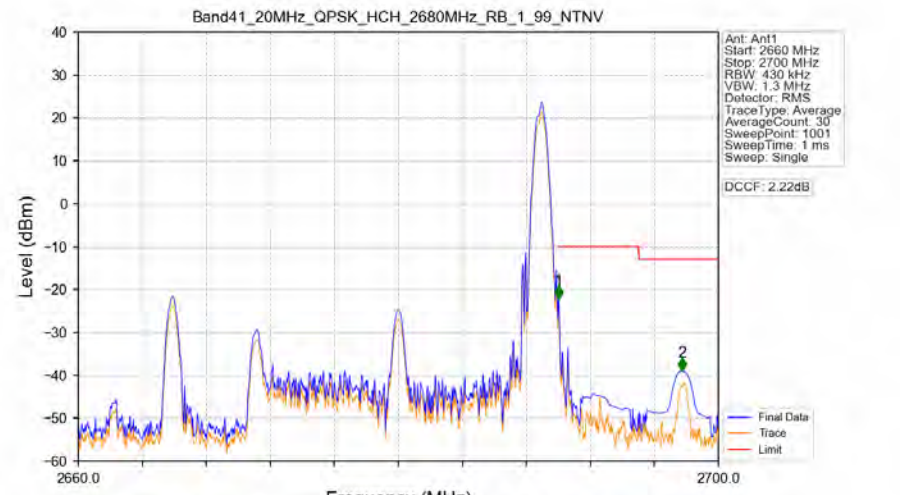
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

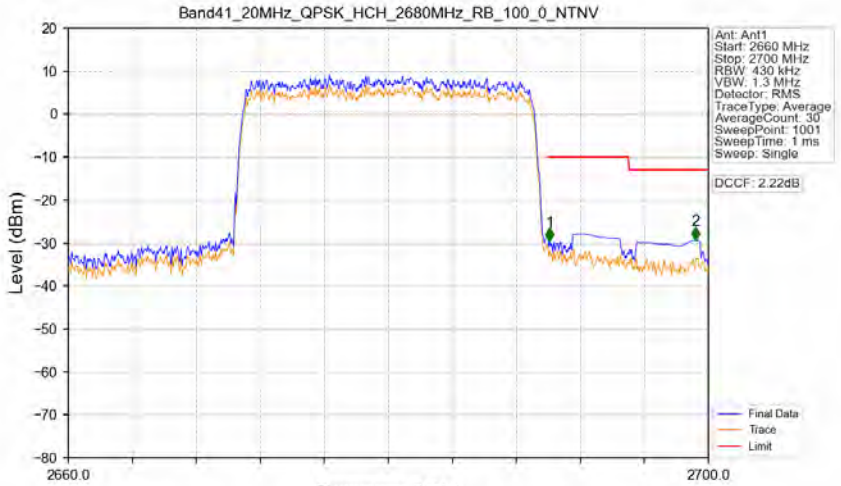


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



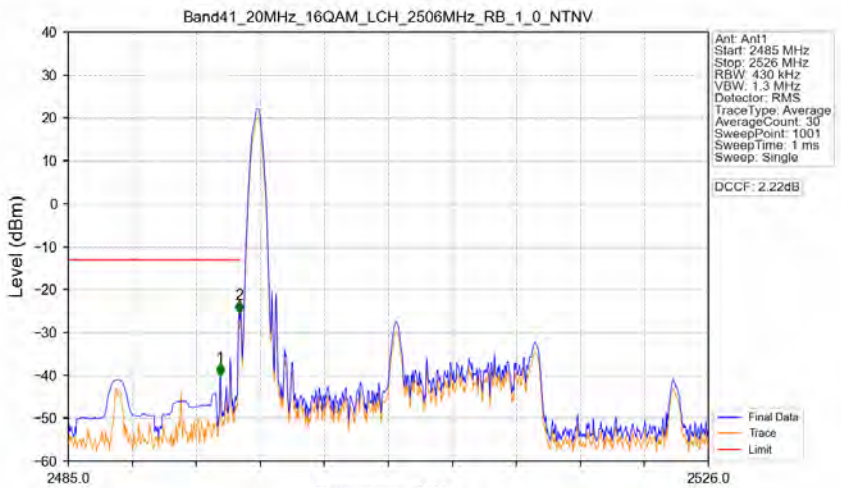
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.000	-22.30	-10	Pass
2691	2700	1	CHP	2	2697.720	-39.03	-13	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV

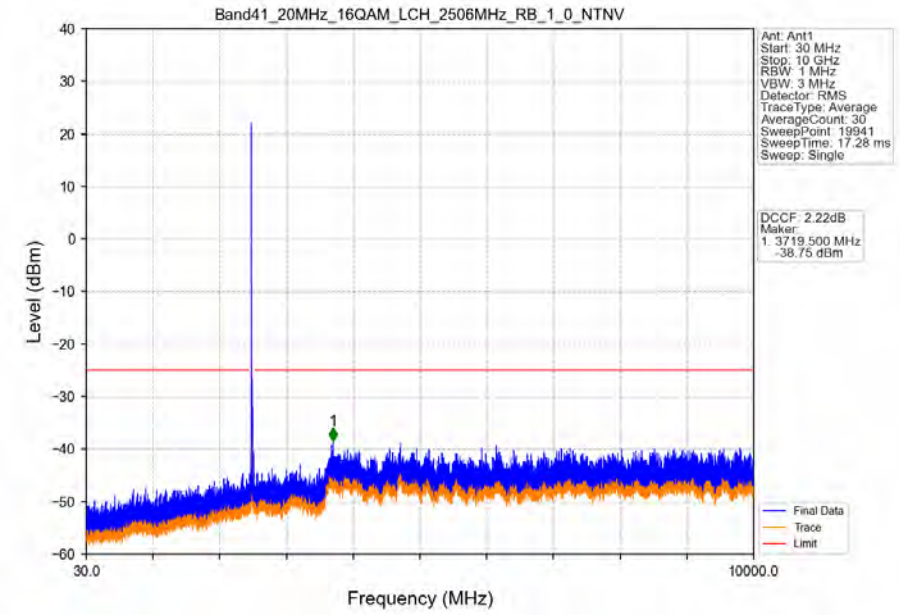
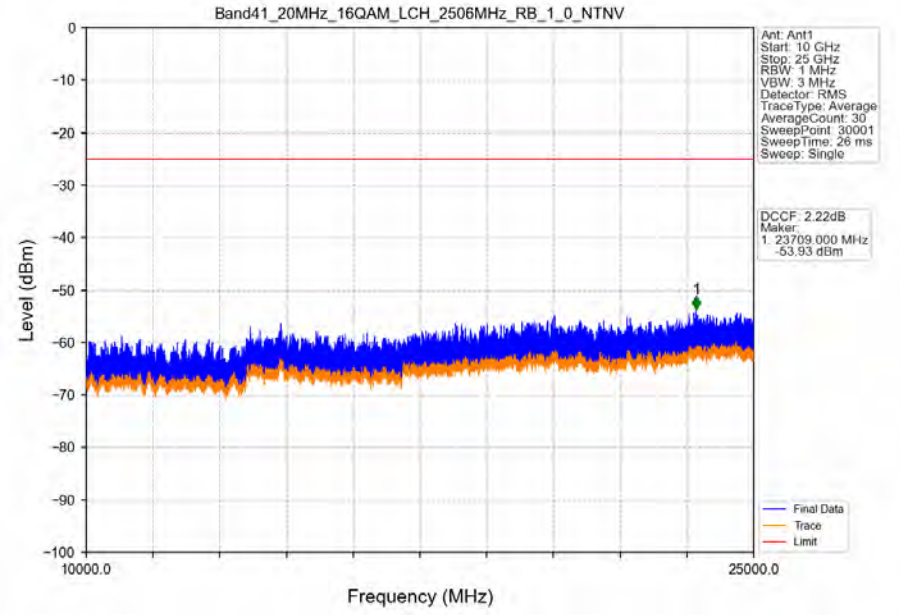


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.080	-29.58	-10	Pass
2691	2700	1	CHP	2	2699.200	-29.29	-13	Pass

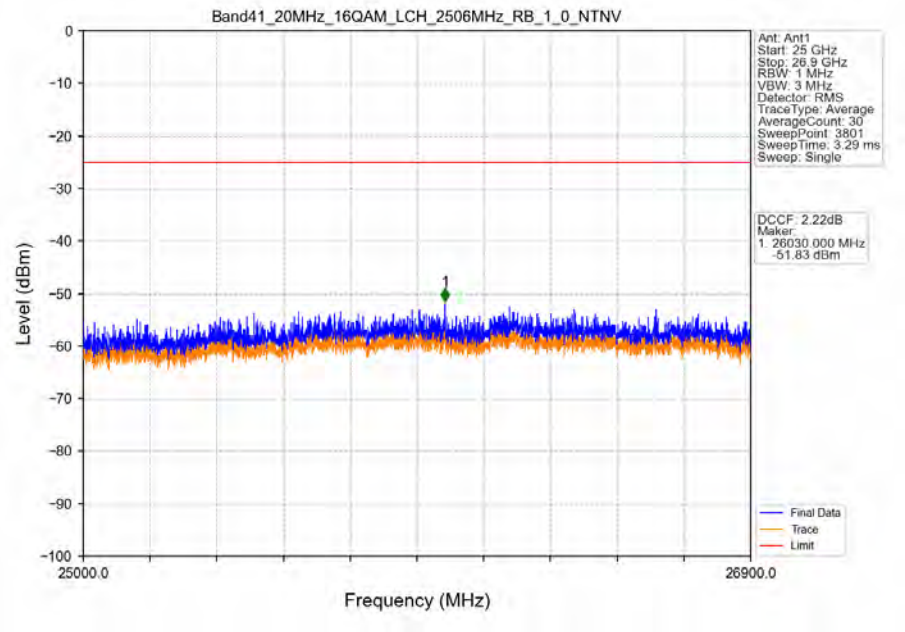
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



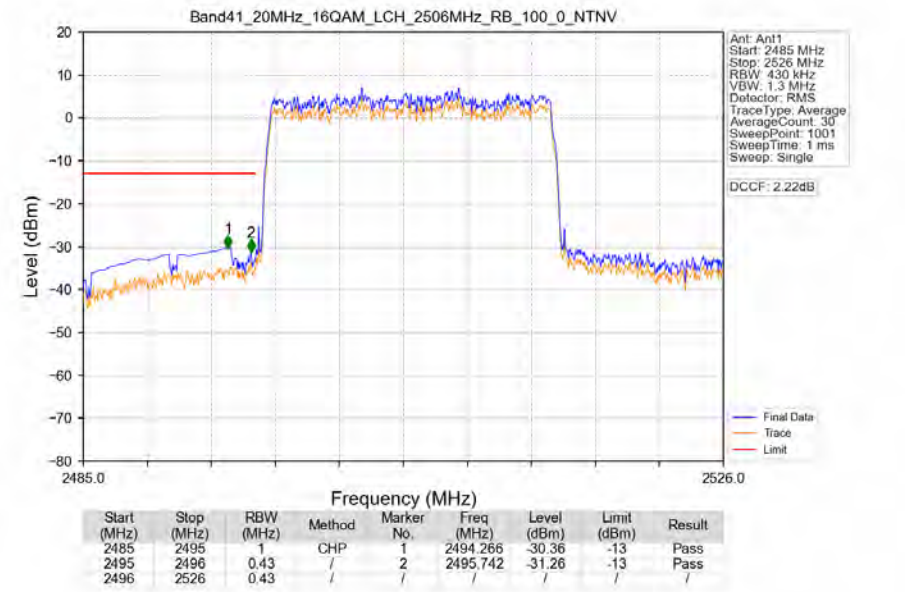
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.717	-40.29	-13	Pass
2495	2496	0.43	/	2	2495.947	-25.60	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV


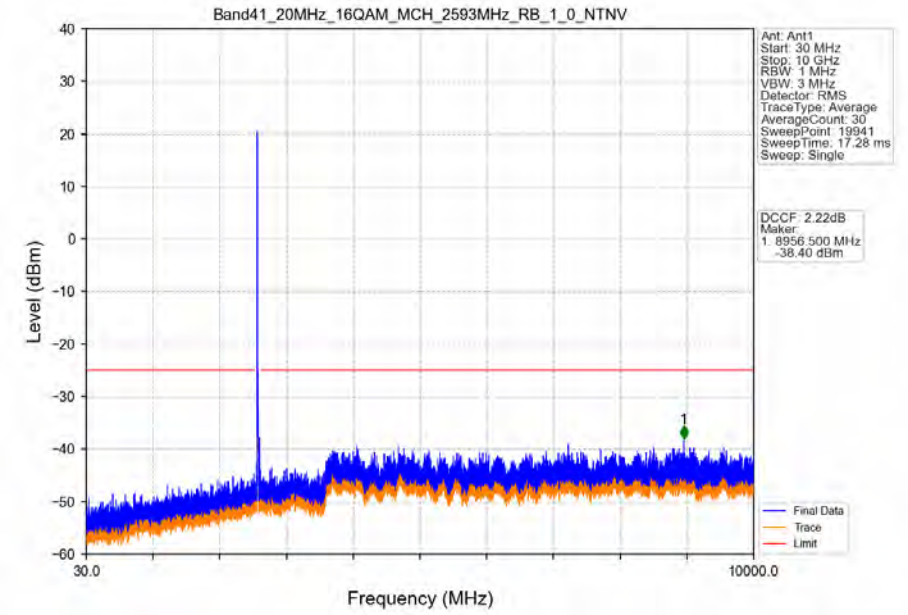
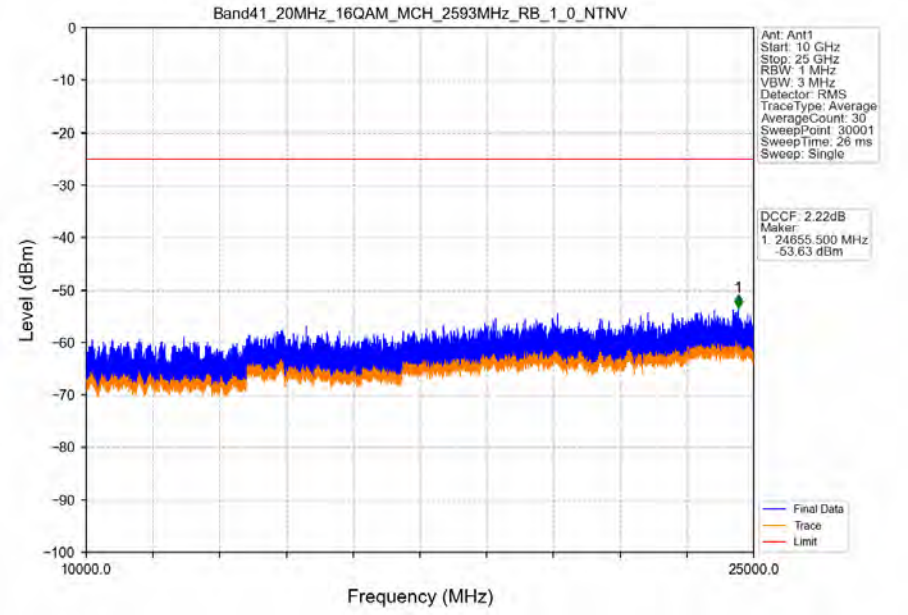
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



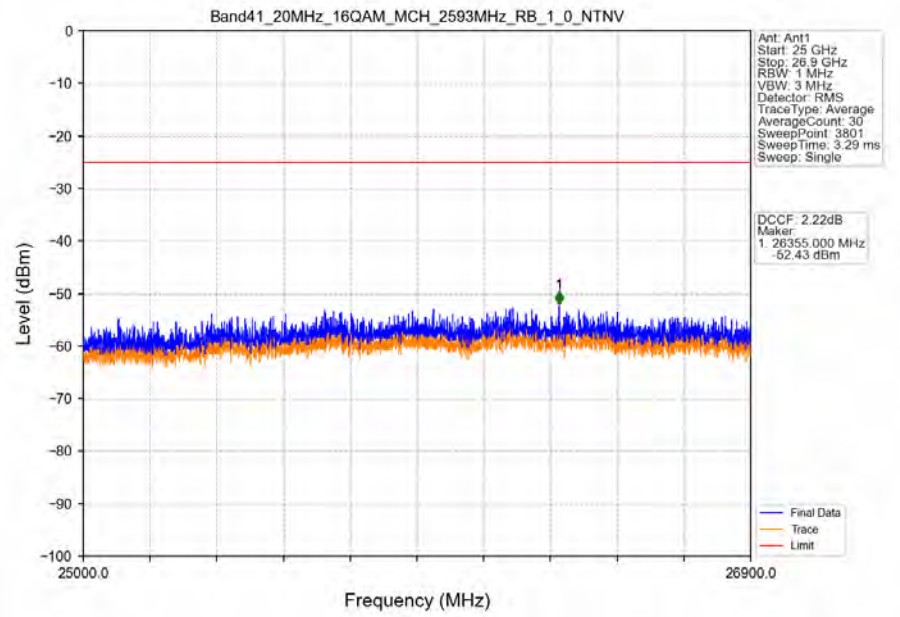
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



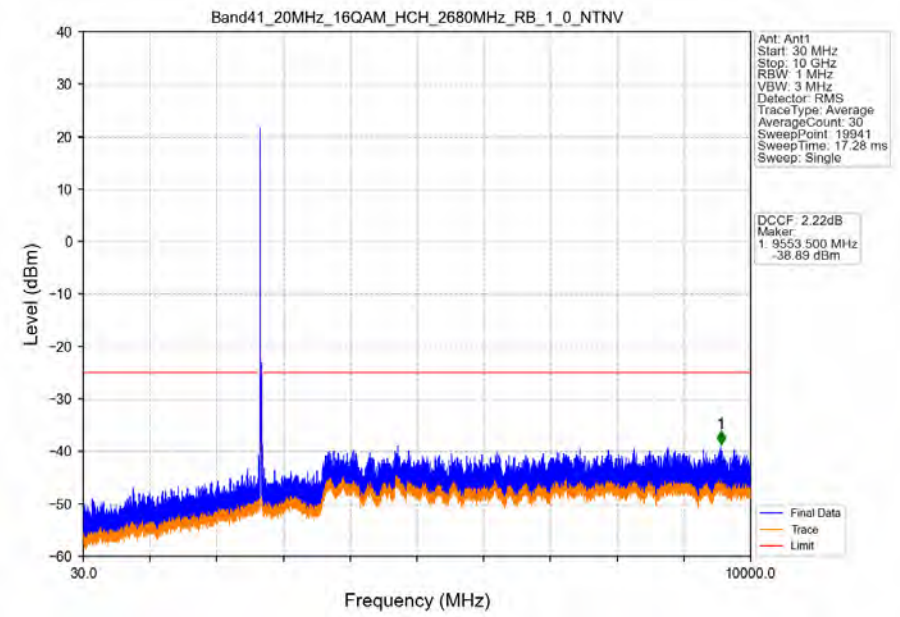
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.266	-30.36	-13	Pass
2495	2496	0.43	/	2	2495.742	-31.26	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

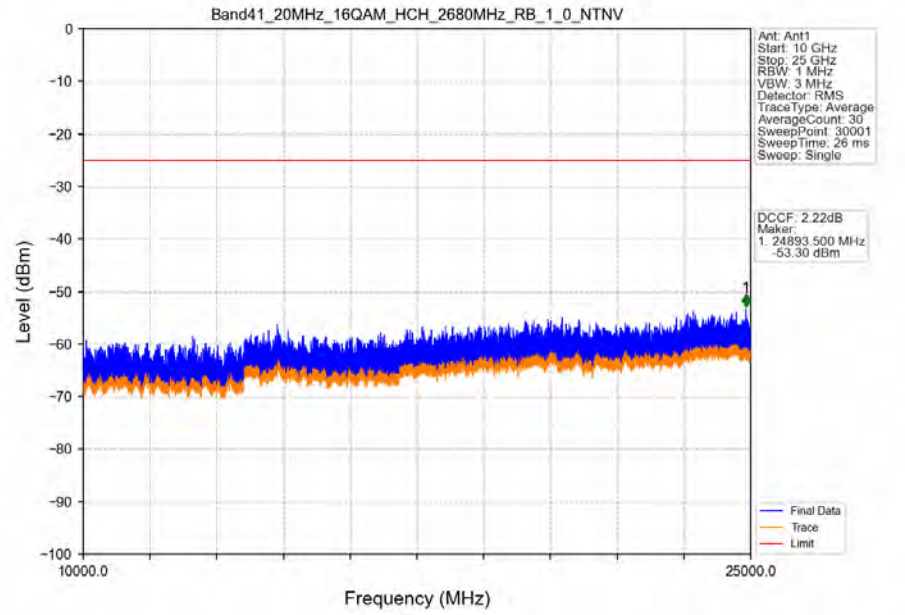
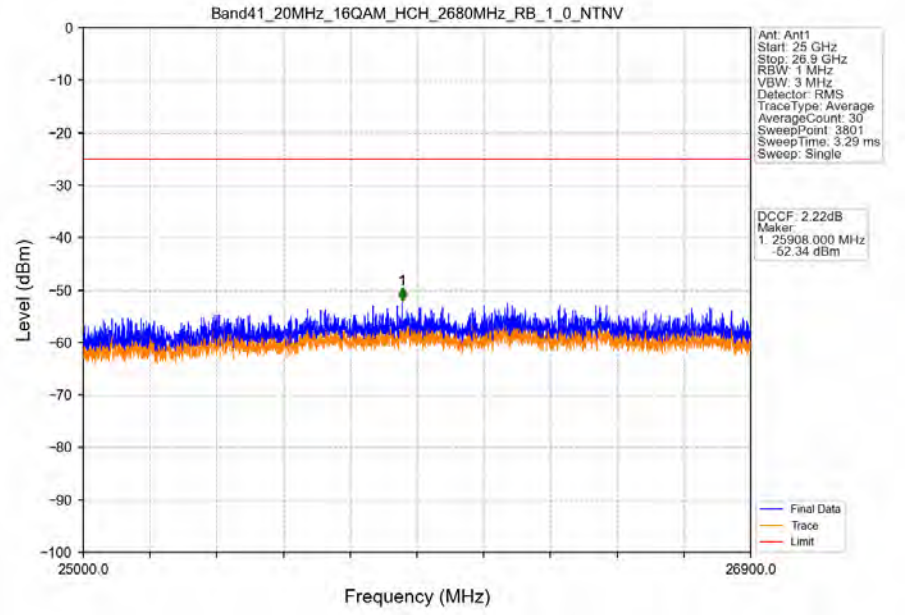
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV


Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

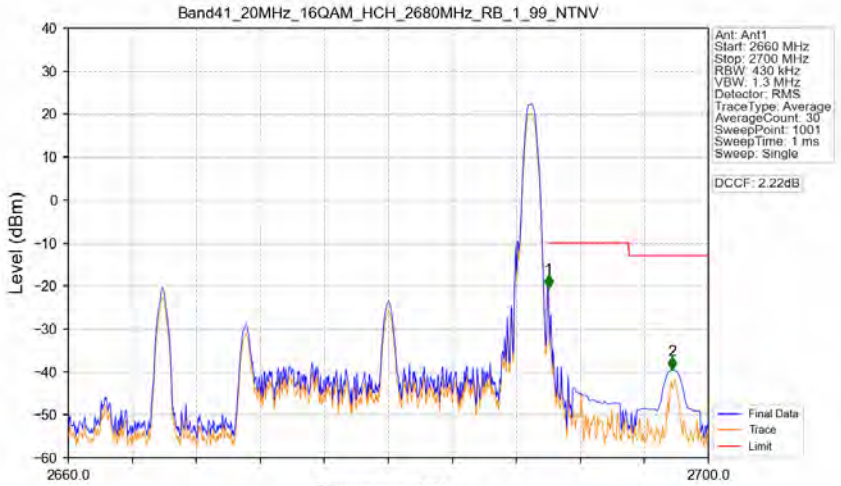


Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



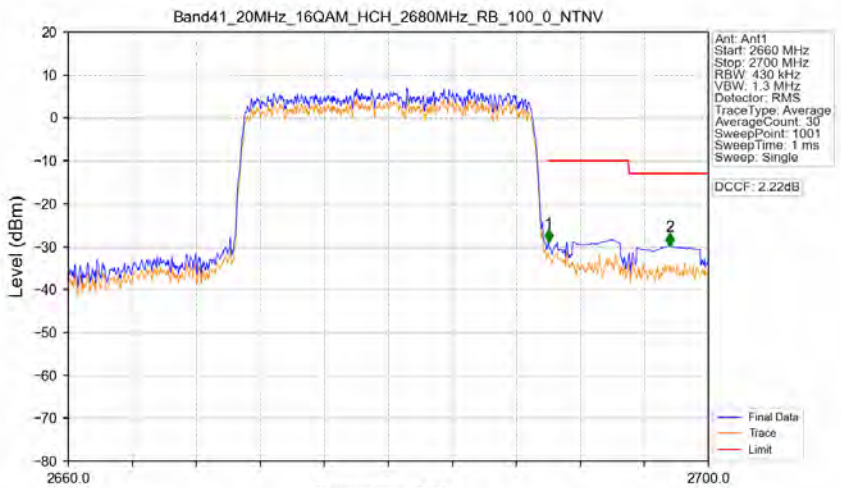
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV

Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV


Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.000	-20.48	-10	Pass
2691	2700	1	CHP	2	2697.720	-39.58	-13	Pass

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.000	-29.06	-10	Pass
2691	2700	1	CHP	2	2697.600	-29.82	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5012.0	-59.48	-25	-34.48	-65.37	4.26	10.15	Horizontal	Pass
7518.0	-55.49	-25	-30.49	-63.03	4.22	11.76	Horizontal	Pass
10024.0	-52.49	-25	-27.49	-60.44	5.08	13.03	Horizontal	Pass
5012.0	-59.13	-25	-34.13	-65.02	4.26	10.15	Vertical	Pass
7518.0	-55.68	-25	-30.68	-63.22	4.22	11.76	Vertical	Pass
10024.0	-52.48	-25	-27.48	-60.43	5.08	13.03	Vertical	Pass

LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5186.0	-58.08	-25	-33.08	-64.09	4.25	10.26	Horizontal	Pass
7779.0	-56.54	-25	-31.54	-64.38	4.23	12.07	Horizontal	Pass
10372.0	-52.66	-25	-27.66	-60.68	5.08	13.1	Horizontal	Pass
5186.0	-57.97	-25	-32.97	-63.98	4.25	10.26	Vertical	Pass
7779.0	-55.2	-25	-30.2	-63.04	4.23	12.07	Vertical	Pass
10372.0	-53.61	-25	-28.61	-61.63	5.08	13.1	Vertical	Pass

LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5360.0	-58.31	-25	-33.31	-64.42	4.25	10.36	Horizontal	Pass
8040.0	-54.34	-25	-29.34	-62.47	4.25	12.38	Horizontal	Pass
10720.0	-53.46	-25	-28.46	-61.57	5.08	13.19	Horizontal	Pass
5360.0	-57.4	-25	-32.4	-63.51	4.25	10.36	Vertical	Pass
8040.0	-53.93	-25	-28.93	-62.06	4.25	12.38	Vertical	Pass
10720.0	-53.27	-25	-28.27	-61.38	5.08	13.19	Vertical	Pass