

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	2557.5	1	0	22.76	1.21	23.97	<=33.01	Pass
			13	22.70	1.21	23.91	<=33.01	Pass
			24	22.89	1.21	24.10	<=33.01	Pass
		12	0	21.57	1.21	22.78	<=33.01	Pass
			6	21.63	1.21	22.84	<=33.01	Pass
			13	21.66	1.21	22.87	<=33.01	Pass
		25	0	21.84	1.21	23.05	<=33.01	Pass
	2605	1	0	22.39	1.21	23.60	<=33.01	Pass
			13	22.66	1.21	23.87	<=33.01	Pass
			24	22.57	1.21	23.78	<=33.01	Pass
		12	0	21.38	1.21	22.59	<=33.01	Pass
			6	21.58	1.21	22.79	<=33.01	Pass
			13	21.40	1.21	22.61	<=33.01	Pass
		25	0	21.56	1.21	22.77	<=33.01	Pass
	2652.5	1	0	22.60	1.21	23.81	<=33.01	Pass
			13	22.89	1.21	24.10	<=33.01	Pass
			24	22.65	1.21	23.86	<=33.01	Pass
		12	0	21.63	1.21	22.84	<=33.01	Pass
			6	21.78	1.21	22.99	<=33.01	Pass
			13	21.73	1.21	22.94	<=33.01	Pass
		25	0	21.61	1.21	22.82	<=33.01	Pass
16QAM	2557.5	1	0	21.88	1.21	23.09	<=33.01	Pass
			13	21.93	1.21	23.14	<=33.01	Pass
			24	21.89	1.21	23.10	<=33.01	Pass
		12	0	20.78	1.21	21.99	<=33.01	Pass
			6	20.73	1.21	21.94	<=33.01	Pass
			13	20.68	1.21	21.89	<=33.01	Pass
		25	0	20.83	1.21	22.04	<=33.01	Pass
	2605	1	0	21.56	1.21	22.77	<=33.01	Pass
			13	21.64	1.21	22.85	<=33.01	Pass
			24	21.27	1.21	22.48	<=33.01	Pass
		12	0	20.60	1.21	21.81	<=33.01	Pass
			6	20.62	1.21	21.83	<=33.01	Pass
			13	20.37	1.21	21.58	<=33.01	Pass
		25	0	20.48	1.21	21.69	<=33.01	Pass
	2652.5	1	0	21.50	1.21	22.71	<=33.01	Pass
			13	21.63	1.21	22.84	<=33.01	Pass
			24	21.77	1.21	22.98	<=33.01	Pass
		12	0	20.81	1.21	22.02	<=33.01	Pass
			6	20.60	1.21	21.81	<=33.01	Pass
			13	20.76	1.21	21.97	<=33.01	Pass
		25	0	20.66	1.21	21.87	<=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	2560	1	0	22.96	1.21	24.17	<=33.01	Pass
			25	22.97	1.21	24.18	<=33.01	Pass
			49	23.00	1.21	24.21	<=33.01	Pass
		25	0	21.79	1.21	23.00	<=33.01	Pass
			13	21.69	1.21	22.90	<=33.01	Pass
			25	21.77	1.21	22.98	<=33.01	Pass
		50	0	21.70	1.21	22.91	<=33.01	Pass
	2605	1	0	22.71	1.21	23.92	<=33.01	Pass
			25	22.51	1.21	23.72	<=33.01	Pass
			49	22.66	1.21	23.87	<=33.01	Pass
		25	0	21.58	1.21	22.79	<=33.01	Pass
			13	21.63	1.21	22.84	<=33.01	Pass
			25	21.43	1.21	22.64	<=33.01	Pass
		50	0	21.61	1.21	22.82	<=33.01	Pass
	2650	1	0	22.62	1.21	23.83	<=33.01	Pass
			25	22.75	1.21	23.96	<=33.01	Pass
			49	22.80	1.21	24.01	<=33.01	Pass
		25	0	21.79	1.21	23.00	<=33.01	Pass
			13	21.62	1.21	22.83	<=33.01	Pass
			25	21.66	1.21	22.87	<=33.01	Pass
		50	0	21.61	1.21	22.82	<=33.01	Pass
16QAM	2560	1	0	22.01	1.21	23.22	<=33.01	Pass
			25	21.41	1.21	22.62	<=33.01	Pass
			49	21.73	1.21	22.94	<=33.01	Pass
		25	0	20.80	1.21	22.01	<=33.01	Pass
			13	20.93	1.21	22.14	<=33.01	Pass
			25	20.79	1.21	22.00	<=33.01	Pass
		50	0	20.90	1.21	22.11	<=33.01	Pass
	2605	1	0	21.46	1.21	22.67	<=33.01	Pass
			25	21.47	1.21	22.68	<=33.01	Pass
			49	21.34	1.21	22.55	<=33.01	Pass
		25	0	20.52	1.21	21.73	<=33.01	Pass
			13	20.57	1.21	21.78	<=33.01	Pass
			25	20.53	1.21	21.74	<=33.01	Pass
		50	0	20.48	1.21	21.69	<=33.01	Pass
	2650	1	0	21.66	1.21	22.87	<=33.01	Pass
			25	21.80	1.21	23.01	<=33.01	Pass
			49	21.79	1.21	23.00	<=33.01	Pass
		25	0	20.76	1.21	21.97	<=33.01	Pass
			13	20.78	1.21	21.99	<=33.01	Pass
			25	20.68	1.21	21.89	<=33.01	Pass
		50	0	20.76	1.21	21.97	<=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	2562.5	1	0	22.63	1.21	23.84	<=33.01	Pass
			38	22.75	1.21	23.96	<=33.01	Pass
			74	22.69	1.21	23.90	<=33.01	Pass
		36	0	21.55	1.21	22.76	<=33.01	Pass
			18	21.68	1.21	22.89	<=33.01	Pass
			39	21.88	1.21	23.09	<=33.01	Pass
		75	0	21.85	1.21	23.06	<=33.01	Pass

16QAM	2605	1	0	22.46	1.21	23.67	<=33.01	Pass
			38	22.74	1.21	23.95	<=33.01	Pass
			74	22.59	1.21	23.80	<=33.01	Pass
		36	0	21.53	1.21	22.74	<=33.01	Pass
			18	21.43	1.21	22.64	<=33.01	Pass
			39	21.38	1.21	22.59	<=33.01	Pass
		75	0	21.41	1.21	22.62	<=33.01	Pass
	2647.5	1	0	22.41	1.21	23.62	<=33.01	Pass
			38	22.71	1.21	23.92	<=33.01	Pass
			74	22.71	1.21	23.92	<=33.01	Pass
		36	0	21.53	1.21	22.74	<=33.01	Pass
			18	21.68	1.21	22.89	<=33.01	Pass
			39	21.62	1.21	22.83	<=33.01	Pass
		75	0	21.56	1.21	22.77	<=33.01	Pass
	2562.5	1	0	21.85	1.21	23.06	<=33.01	Pass
			38	21.72	1.21	22.93	<=33.01	Pass
			74	21.61	1.21	22.82	<=33.01	Pass
		36	0	20.61	1.21	21.82	<=33.01	Pass
			18	20.73	1.21	21.94	<=33.01	Pass
			39	20.77	1.21	21.98	<=33.01	Pass
		75	0	20.86	1.21	22.07	<=33.01	Pass
	2605	1	0	21.35	1.21	22.56	<=33.01	Pass
			38	21.40	1.21	22.61	<=33.01	Pass
			74	21.26	1.21	22.47	<=33.01	Pass
		36	0	20.44	1.21	21.65	<=33.01	Pass
			18	20.47	1.21	21.68	<=33.01	Pass
			39	20.43	1.21	21.64	<=33.01	Pass
		75	0	20.57	1.21	21.78	<=33.01	Pass
	2647.5	1	0	21.30	1.21	22.51	<=33.01	Pass
			38	21.67	1.21	22.88	<=33.01	Pass
			74	21.62	1.21	22.83	<=33.01	Pass
		36	0	20.66	1.21	21.87	<=33.01	Pass
			18	20.63	1.21	21.84	<=33.01	Pass
			39	20.53	1.21	21.74	<=33.01	Pass
		75	0	20.68	1.21	21.89	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2565	1	0	22.45	1.21	23.66	<=33.01	Pass
			50	22.76	1.21	23.97	<=33.01	Pass
			99	22.63	1.21	23.84	<=33.01	Pass
		50	0	21.51	1.21	22.72	<=33.01	Pass
			25	21.97	1.21	23.18	<=33.01	Pass
			50	21.78	1.21	22.99	<=33.01	Pass
		100	0	21.65	1.21	22.86	<=33.01	Pass
	2605	1	0	22.56	1.21	23.77	<=33.01	Pass
			50	22.51	1.21	23.72	<=33.01	Pass
			99	22.45	1.21	23.66	<=33.01	Pass
		50	0	21.39	1.21	22.60	<=33.01	Pass
			25	21.64	1.21	22.85	<=33.01	Pass
			50	21.57	1.21	22.78	<=33.01	Pass
		100	0	21.56	1.21	22.77	<=33.01	Pass
	2645	1	0	22.35	1.21	23.56	<=33.01	Pass
			50	22.73	1.21	23.94	<=33.01	Pass

			99	22.76	1.21	23.97	<=33.01	Pass	
		50	0	21.70	1.21	22.91	<=33.01	Pass	
			25	21.59	1.21	22.80	<=33.01	Pass	
			50	21.47	1.21	22.68	<=33.01	Pass	
		100	0	21.47	1.21	22.68	<=33.01	Pass	
16QAM	2565	1	0	21.73	1.21	22.94	<=33.01	Pass	
			50	21.39	1.21	22.60	<=33.01	Pass	
			99	21.85	1.21	23.06	<=33.01	Pass	
		50	0	20.53	1.21	21.74	<=33.01	Pass	
			25	20.98	1.21	22.19	<=33.01	Pass	
			50	21.00	1.21	22.21	<=33.01	Pass	
		100	0	20.86	1.21	22.07	<=33.01	Pass	
		2605	1	0	21.09	1.21	22.30	<=33.01	Pass
				50	21.37	1.21	22.58	<=33.01	Pass
				99	21.05	1.21	22.26	<=33.01	Pass
	50		0	20.47	1.21	21.68	<=33.01	Pass	
			25	20.53	1.21	21.74	<=33.01	Pass	
			50	20.48	1.21	21.69	<=33.01	Pass	
	100		0	20.45	1.21	21.66	<=33.01	Pass	
	2645	1	0	21.36	1.21	22.57	<=33.01	Pass	
			50	21.73	1.21	22.94	<=33.01	Pass	
			99	21.47	1.21	22.68	<=33.01	Pass	
		50	0	20.65	1.21	21.86	<=33.01	Pass	
			25	20.66	1.21	21.87	<=33.01	Pass	
			50	20.51	1.21	21.72	<=33.01	Pass	
		100	0	20.52	1.21	21.73	<=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	2557.5	25	0	20	3.27	-20.027	-0.0078	-2.5 to 2.5	Pass
					3.85	-13.604	-0.0053	-2.5 to 2.5	Pass
					4.43	-46.549	-0.0182	-2.5 to 2.5	Pass
				-30	3.85	-47.665	-0.0186	-2.5 to 2.5	Pass
				-20	3.85	-11.187	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-22.717	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-21.515	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-12.088	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-22.016	-0.0086	-2.5 to 2.5	Pass
	2605	25	0	50	3.85	10.128	0.0040	-2.5 to 2.5	Pass
				20	3.27	-41.828	-0.0161	-2.5 to 2.5	Pass
					3.85	-29.969	-0.0115	-2.5 to 2.5	Pass
					4.43	-28.210	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-24.533	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-40.283	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-45.319	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-38.767	-0.0149	-2.5 to 2.5	Pass
				10	3.85	-40.798	-0.0157	-2.5 to 2.5	Pass

16QAM	2652.5	25	0	30	3.85	-34.018	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-42.715	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-26.965	-0.0104	-2.5 to 2.5	Pass
				20	3.27	-54.345	-0.0205	-2.5 to 2.5	Pass
					3.85	-11.644	-0.0044	-2.5 to 2.5	Pass
					4.43	-13.533	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	4.678	0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-23.417	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-14.019	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-9.799	-0.0037	-2.5 to 2.5	Pass
				40	3.85	8.597	0.0032	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	2557.5	25	0	20	3.27	12.403	0.0048	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.249	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.982	0.0031	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0007	-2.5 to 2.5	Pass
				-10	3.85	32.773	0.0128	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				10	3.85	36.778	0.0144	-2.5 to 2.5	Pass
				30	3.85	19.670	0.0077	-2.5 to 2.5	Pass
				40	3.85	35.777	0.0140	-2.5 to 2.5	Pass
				50	3.85	5.021	0.0020	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	-26.994	-0.0104	-2.5 to 2.5	Pass
					3.85	-25.506	-0.0098	-2.5 to 2.5	Pass
					4.43	-38.867	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-50.654	-0.0194	-2.5 to 2.5	Pass
				-20	3.85	-46.921	-0.0180	-2.5 to 2.5	Pass
				-10	3.85	-27.337	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-20.585	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-58.265	-0.0224	-2.5 to 2.5	Pass
				30	3.85	-53.129	-0.0204	-2.5 to 2.5	Pass
				40	3.85	-25.864	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-50.111	-0.0192	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	-28.224	-0.0106	-2.5 to 2.5	Pass
					3.85	8.812	0.0033	-2.5 to 2.5	Pass
					4.43	4.878	0.0018	-2.5 to 2.5	Pass
				-30	3.85	9.527	0.0036	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				-10	3.85	8.569	0.0032	-2.5 to 2.5	Pass
				0	3.85	11.158	0.0042	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0006	-2.5 to 2.5	Pass
				30	3.85	3.304	0.0012	-2.5 to 2.5	Pass
				40	3.85	-17.781	-0.0067	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0025	-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	2560	50	0	20	3.27	-8.740	-0.0034	-2.5 to 2.5	Pass
					3.85	4.535	0.0018	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass

				-10	3.85	9.570	0.0037	-2.5 to 2.5	Pass
				0	3.85	11.401	0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.815	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-9.599	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-11.930	-0.0047	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-7.324	-0.0028	-2.5 to 2.5	Pass
					3.85	0.129	0.0000	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-11.015	-0.0042	-2.5 to 2.5	Pass
				0	3.85	3.390	0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				20	3.27	-0.958	-0.0004	-2.5 to 2.5	Pass
					3.85	-13.304	-0.0050	-2.5 to 2.5	Pass
					4.43	1.574	0.0006	-2.5 to 2.5	Pass
	2650	50	0	-30	3.85	-7.052	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-11.001	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-13.804	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-10.128	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.539	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.262	-0.0012	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	-11.244	-0.0044	-2.5 to 2.5	Pass
					3.85	2.046	0.0008	-2.5 to 2.5	Pass
					4.43	12.159	0.0047	-2.5 to 2.5	Pass
				-30	3.85	-4.764	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.566	0.0026	-2.5 to 2.5	Pass
				0	3.85	6.795	0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-1.144	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-5.035	-0.0019	-2.5 to 2.5	Pass
					3.85	1.202	0.0005	-2.5 to 2.5	Pass
					4.43	-21.315	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-10.757	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-11.158	-0.0043	-2.5 to 2.5	Pass
				10	3.85	5.193	0.0020	-2.5 to 2.5	Pass
				30	3.85	-19.569	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-7.710	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0032	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	6.051	0.0023	-2.5 to 2.5	Pass
					3.85	11.730	0.0044	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-15.664	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-3.333	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-16.494	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-10.085	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-15.378	-0.0058	-2.5 to 2.5	Pass

				40	3.85	-4.220	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.875	-0.0011	-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	2562.5	75	0	20	3.27	4.306	0.0017	-2.5 to 2.5	Pass
					3.85	1.874	0.0007	-2.5 to 2.5	Pass
					4.43	-16.837	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-14.763	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-10.843	-0.0042	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
				40	3.85	3.633	0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	4.277	0.0016	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-7.081	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-9.685	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-20.657	-0.0079	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0011	-2.5 to 2.5	Pass
				50	3.85	-9.828	-0.0038	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-2.389	-0.0009	-2.5 to 2.5	Pass
					3.85	-9.885	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-15.078	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-12.517	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-14.248	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-5.522	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	10.972	0.0043	-2.5 to 2.5	Pass
					3.85	-12.045	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.277	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0017	-2.5 to 2.5	Pass
				0	3.85	-9.499	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-8.240	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-9.756	-0.0038	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				50	3.85	5.279	0.0021	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-4.978	-0.0019	-2.5 to 2.5	Pass
					3.85	-9.799	-0.0038	-2.5 to 2.5	Pass
					4.43	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0015	-2.5 to 2.5	Pass

				0	3.85	4.091	0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				30	3.85	5.479	0.0021	-2.5 to 2.5	Pass
				40	3.85	-13.604	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-12.145	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0013	-2.5 to 2.5	Pass
					4.43	-6.466	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.661	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.676	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0014	-2.5 to 2.5	Pass
				50	3.85	11.773	0.0044	-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	2565	100	0	20	3.27	-4.492	-0.0018	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0033	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0015	-2.5 to 2.5	Pass
				40	3.85	-13.447	-0.0052	-2.5 to 2.5	Pass
	2605	100	0	50	3.85	-11.187	-0.0044	-2.5 to 2.5	Pass
				20	3.27	-14.234	-0.0055	-2.5 to 2.5	Pass
					3.85	3.877	0.0015	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-6.452	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-9.928	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-10.471	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.709	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
	2645	100	0	40	3.85	-22.759	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				20	3.27	-5.264	-0.0020	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0035	-2.5 to 2.5	Pass
					4.43	-17.824	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-13.518	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.744	0.0003	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.85	1.473	0.0006	-2.5 to 2.5	Pass
					3.85	7.868	0.0030	-2.5 to 2.5	Pass
					3.85	-16.308	-0.0062	-2.5 to 2.5	Pass
				20	3.27	-15.736	-0.0061	-2.5 to 2.5	Pass
	2565	100	0	20	3.85	4.134	0.0016	-2.5 to 2.5	Pass
					4.43	2.017	0.0008	-2.5 to 2.5	Pass

				-30	3.85	-6.938	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.85	-10.986	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0022	-2.5 to 2.5	Pass
				30	3.85	9.742	0.0038	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0011	-2.5 to 2.5	Pass
				50	3.85	-12.331	-0.0048	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	-5.050	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0006	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-0.772	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-7.839	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.977	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-4.735	-0.0018	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-8.984	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.589	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
				0	3.85	4.992	0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
				50	3.85	3.347	0.0013	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	25	0	Refer To Test Graph		Pass
16QAM	2605	25	0	Refer To Test Graph		Pass

3.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	50	0	Refer To Test Graph		Pass
16QAM	2605	50	0	Refer To Test Graph		Pass

3.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV					
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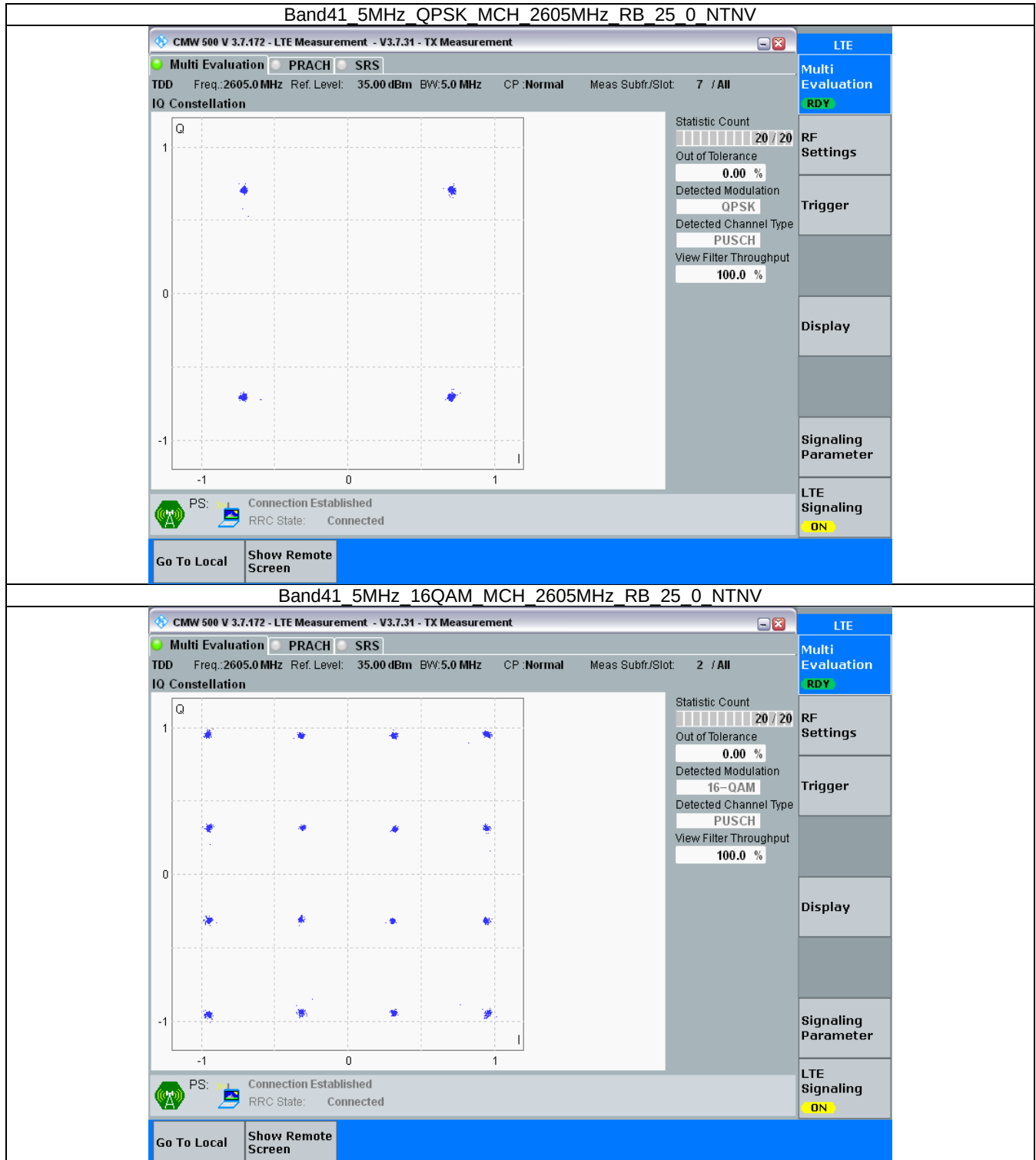
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

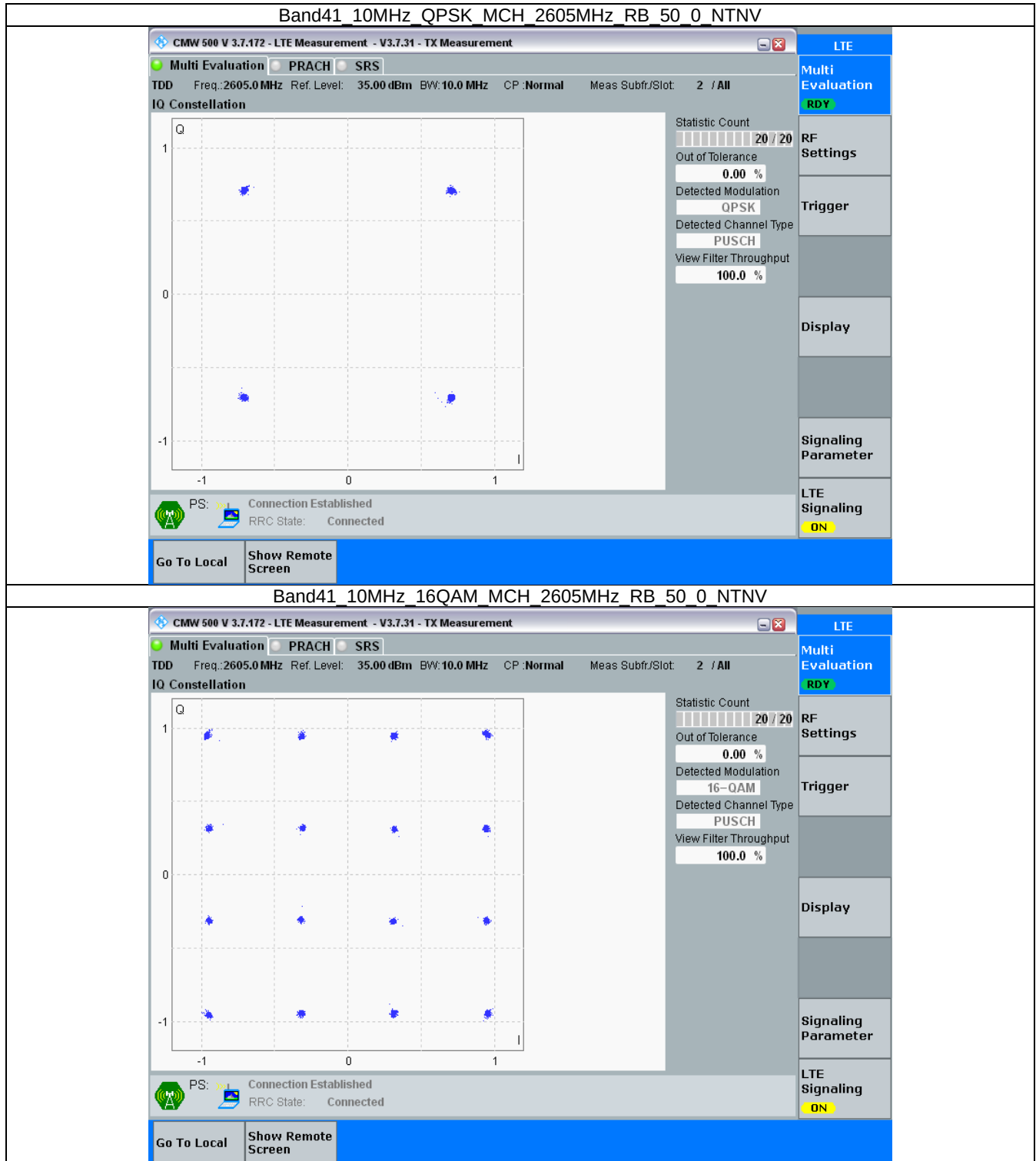
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

3.2 Test Graph

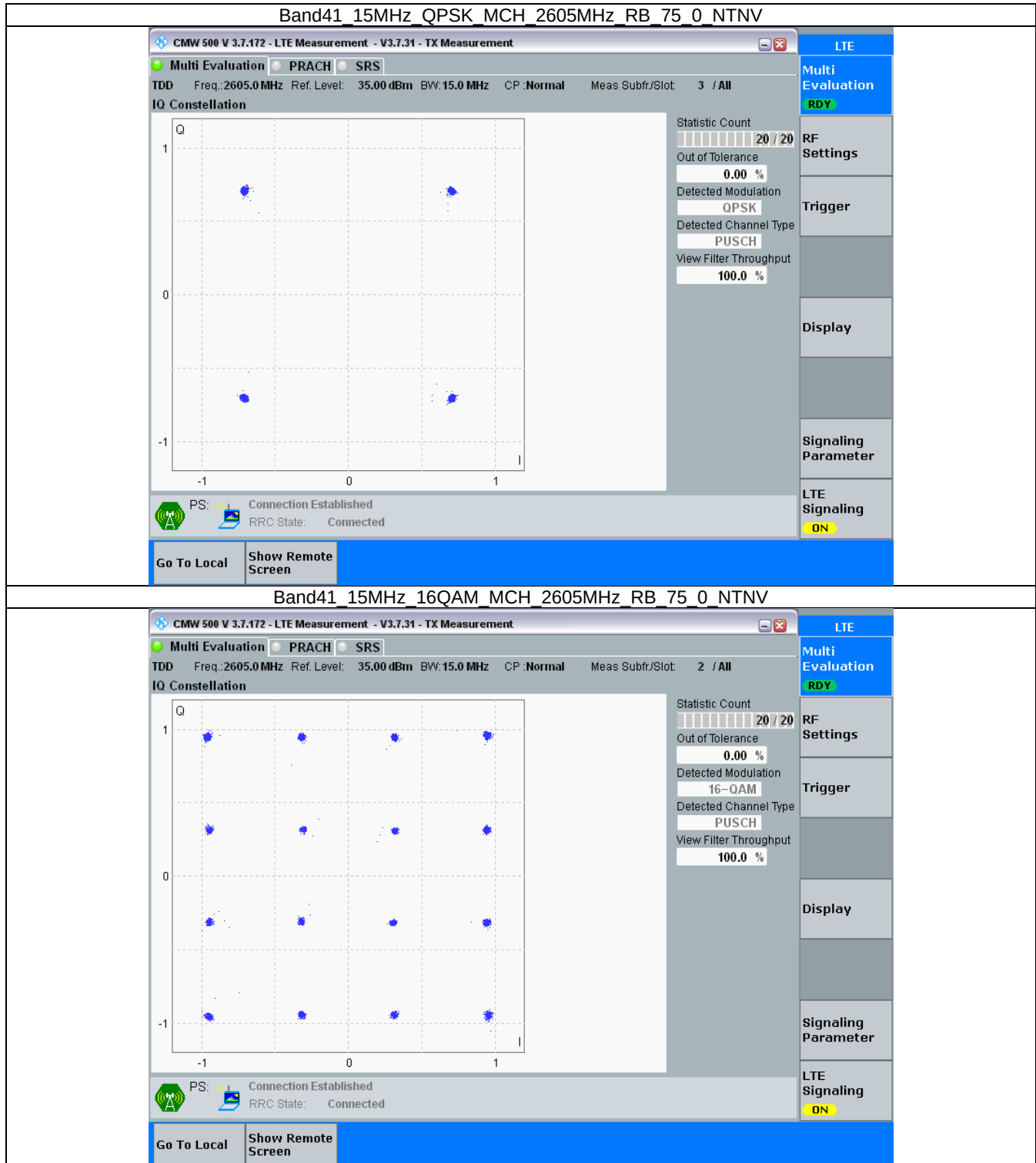
3.2.1 B41_5MHz



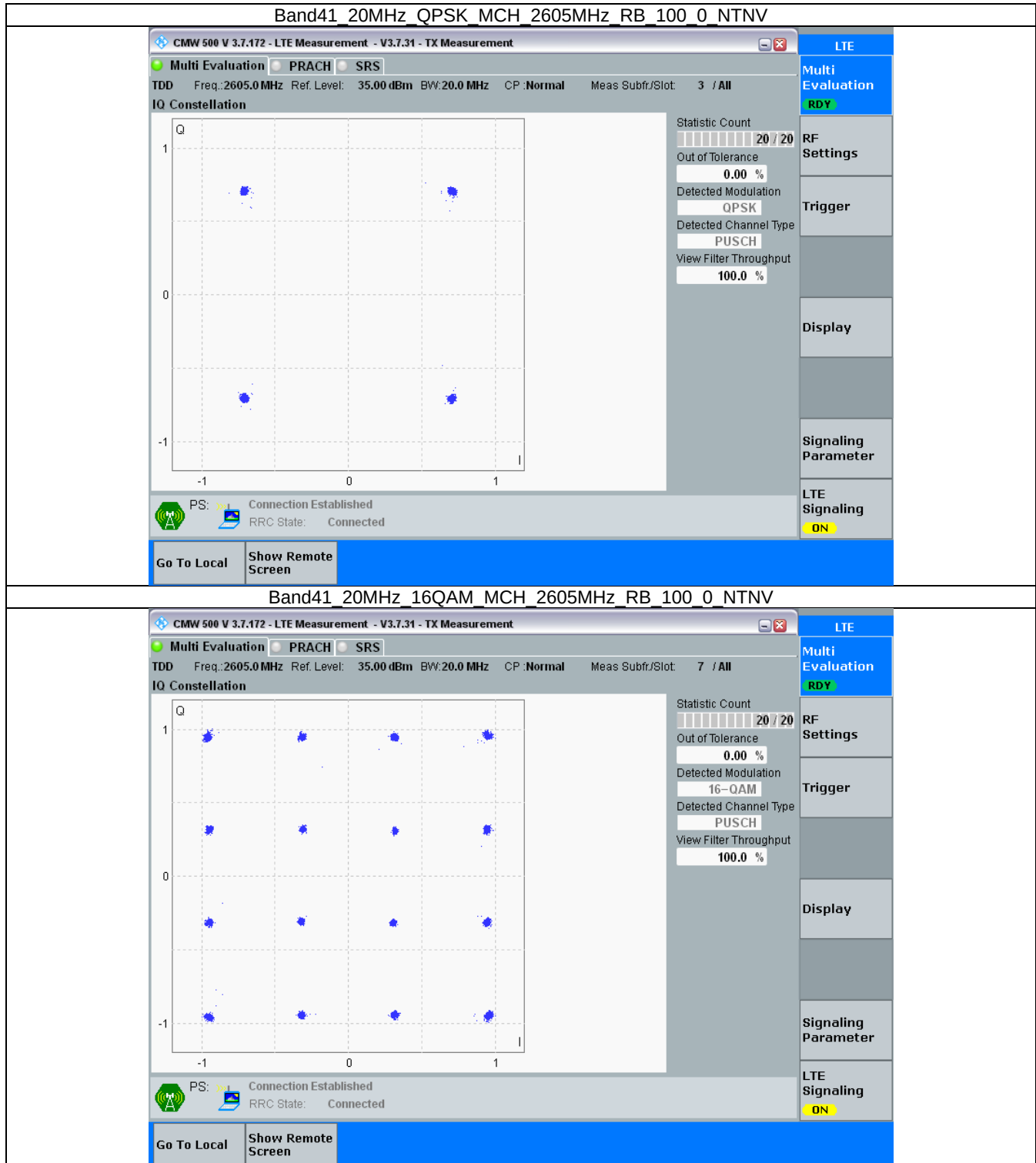
3.2.2 B41_10MHz



3.2.3 B41_15MHz



3.2.4 B41_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	4.552	/	Pass
		2605	25	0	4.550	/	Pass
		2652.5	25	0	4.554	/	Pass
	16QAM	2557.5	25	0	4.538	/	Pass
		2605	25	0	4.564	/	Pass
		2652.5	25	0	4.558	/	Pass
10	QPSK	2560	50	0	9.033	/	Pass
		2605	50	0	9.064	/	Pass
		2650	50	0	9.041	/	Pass
	16QAM	2560	50	0	9.060	/	Pass
		2605	50	0	9.046	/	Pass
		2650	50	0	9.031	/	Pass
15	QPSK	2562.5	75	0	13.597	/	Pass
		2605	75	0	13.526	/	Pass
		2647.5	75	0	13.548	/	Pass
	16QAM	2562.5	75	0	13.572	/	Pass
		2605	75	0	13.614	/	Pass
		2647.5	75	0	13.549	/	Pass
20	QPSK	2565	100	0	18.081	/	Pass
		2605	100	0	18.114	/	Pass
		2645	100	0	18.027	/	Pass
	16QAM	2565	100	0	18.013	/	Pass
		2605	100	0	18.086	/	Pass
		2645	100	0	18.025	/	Pass

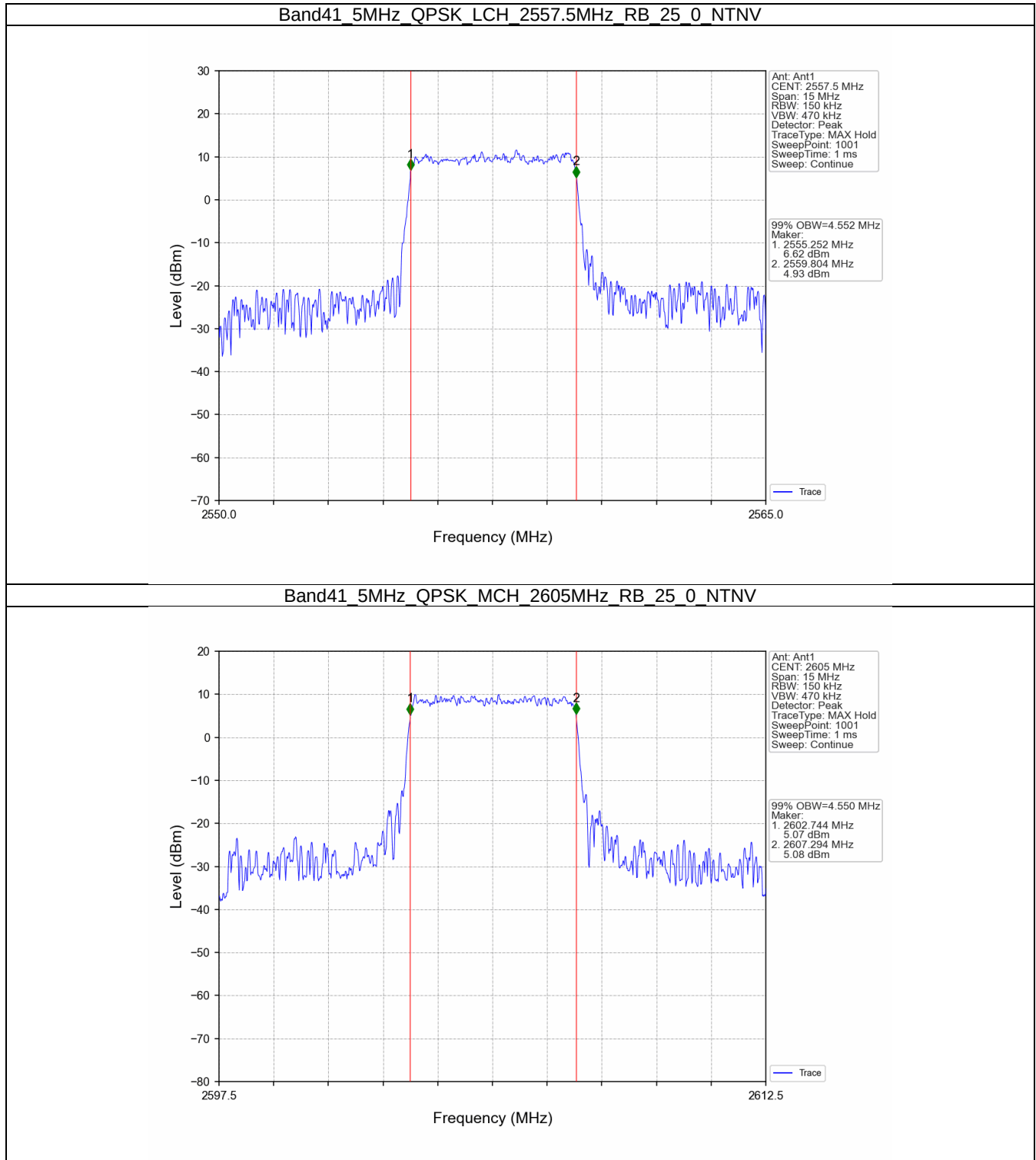
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.251	/	Pass
		2605	25	0	5.219	/	Pass
		2652.5	25	0	4.998	/	Pass
	16QAM	2557.5	25	0	4.995	/	Pass
		2605	25	0	5.030	/	Pass
		2652.5	25	0	4.999	/	Pass
10	QPSK	2560	50	0	9.957	/	Pass
		2605	50	0	9.860	/	Pass
		2650	50	0	9.881	/	Pass
	16QAM	2560	50	0	9.967	/	Pass
		2605	50	0	10.476	/	Pass
		2650	50	0	9.868	/	Pass
15	QPSK	2562.5	75	0	15.176	/	Pass
		2605	75	0	14.727	/	Pass
		2647.5	75	0	14.692	/	Pass

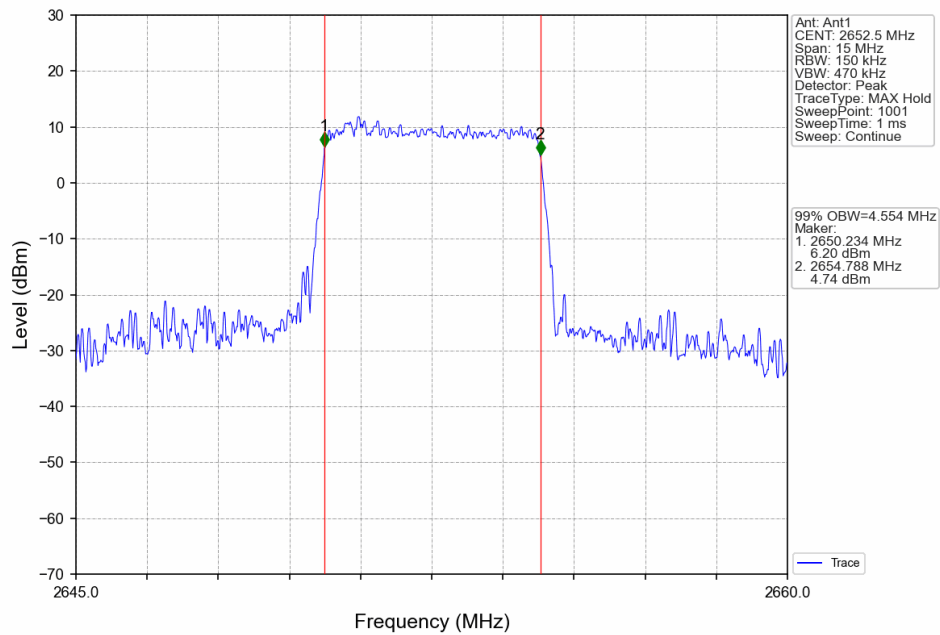
20	16QAM	2562.5	75	0	14.824	/	Pass
		2605	75	0	16.236	/	Pass
		2647.5	75	0	14.859	/	Pass
	QPSK	2565	100	0	19.634	/	Pass
		2605	100	0	19.630	/	Pass
		2645	100	0	19.674	/	Pass
	16QAM	2565	100	0	19.585	/	Pass
		2605	100	0	20.497	/	Pass
		2645	100	0	19.970	/	Pass

4.2 Test Graph

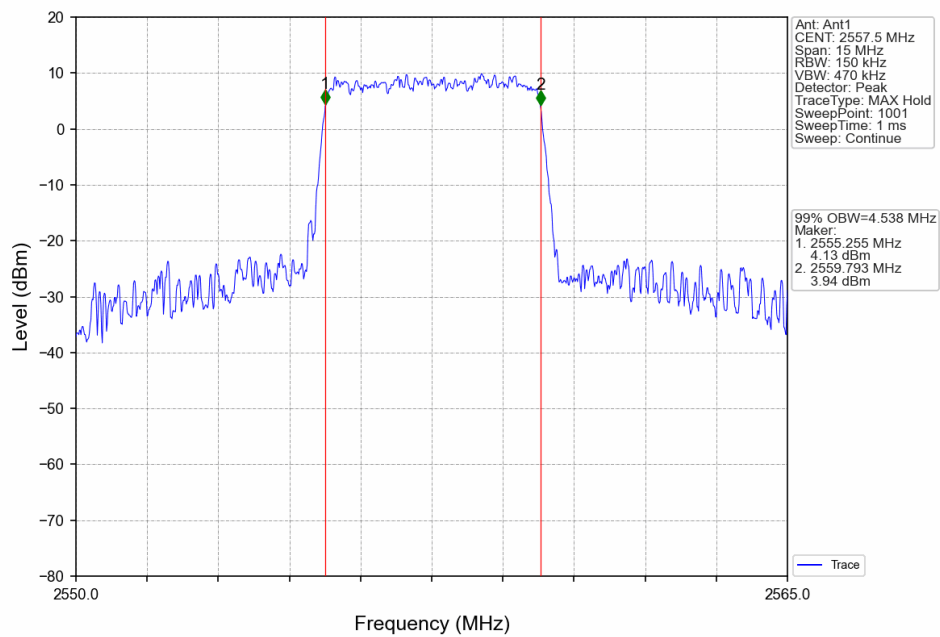
4.2.1 Band41_OBW



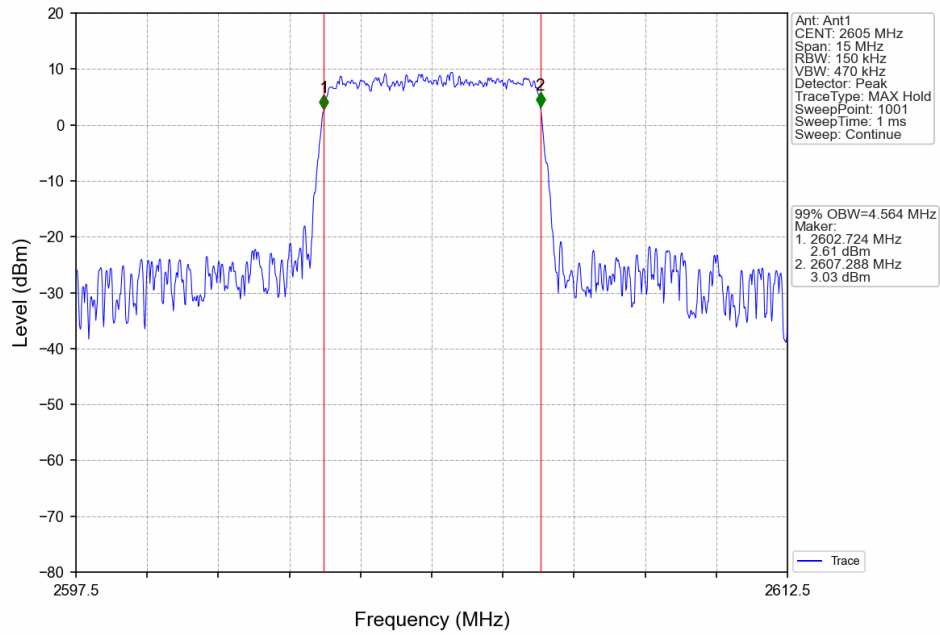
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



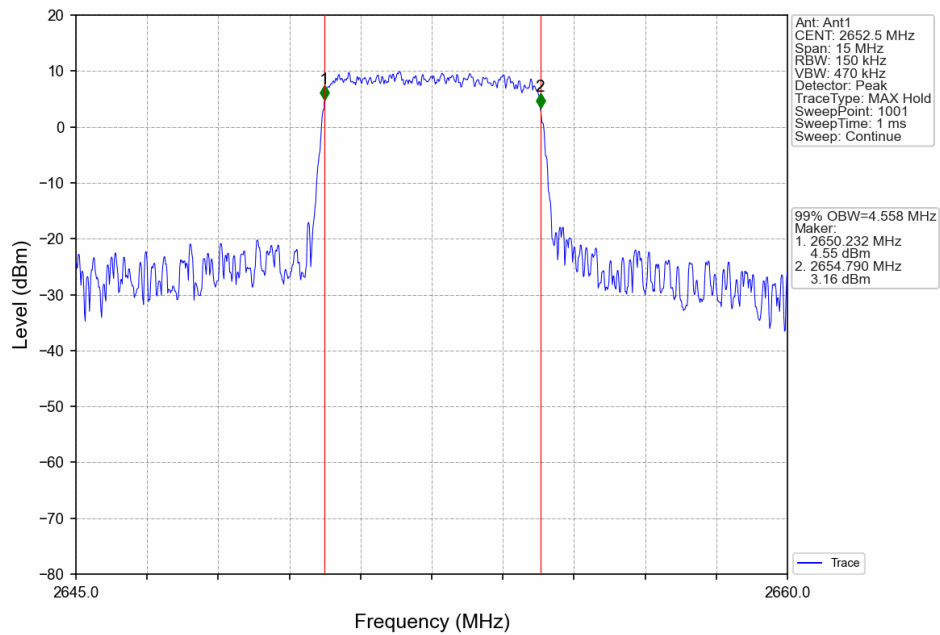
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



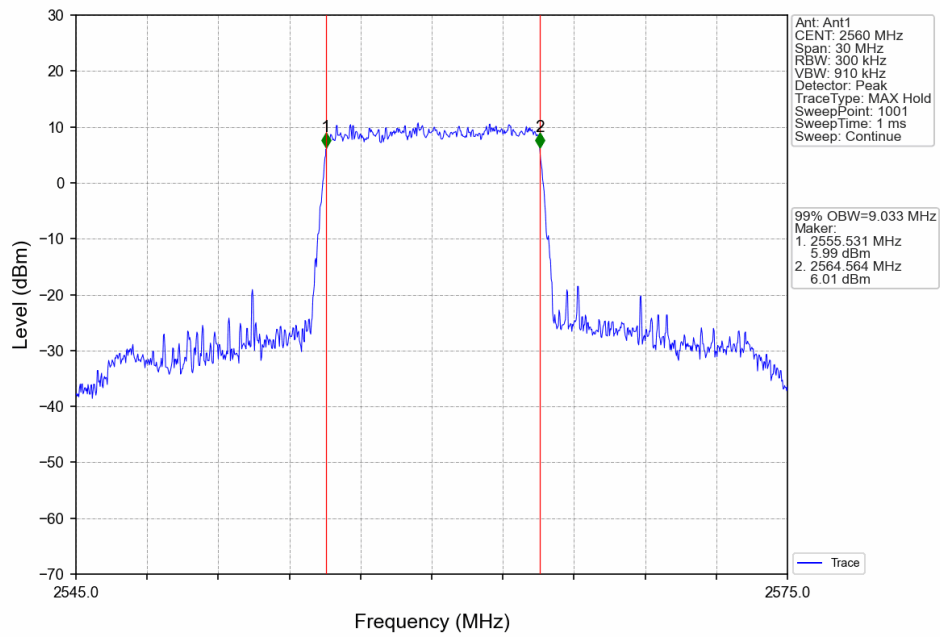
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



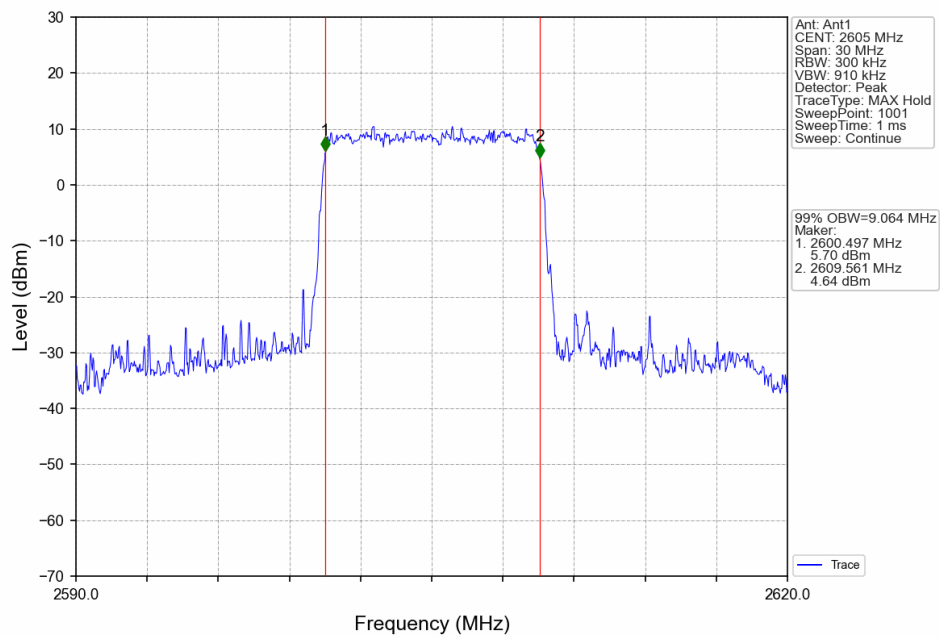
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



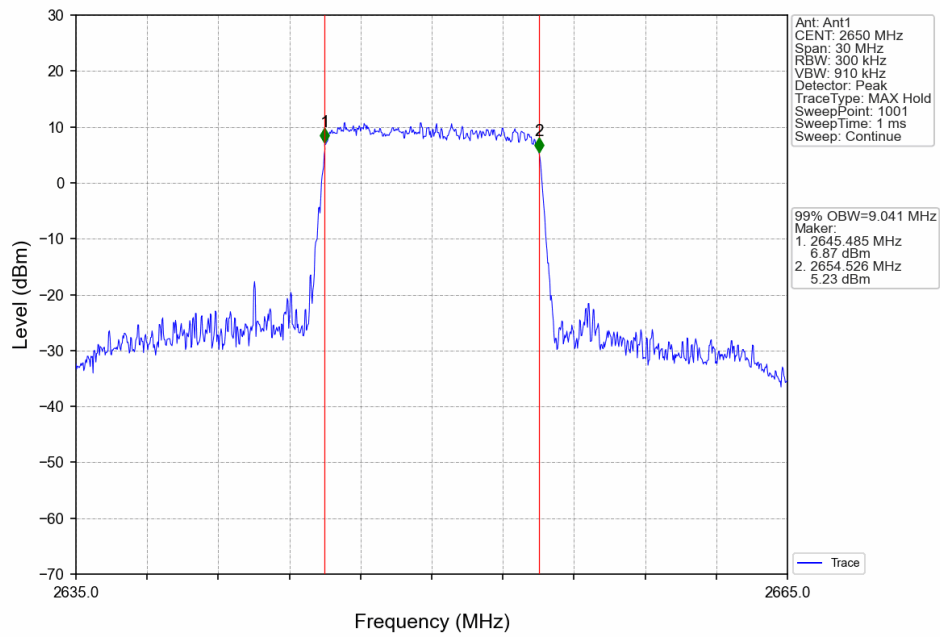
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



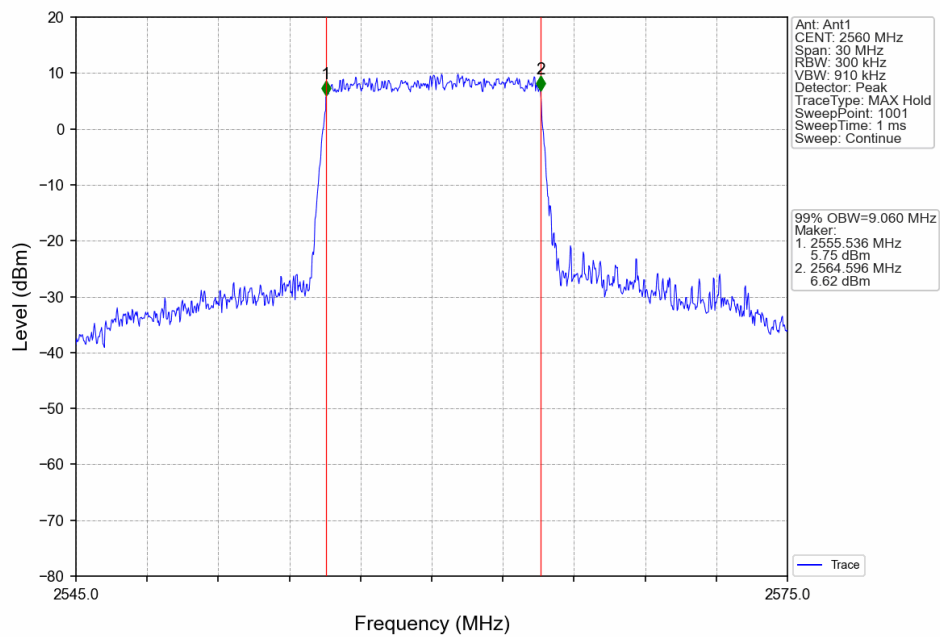
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



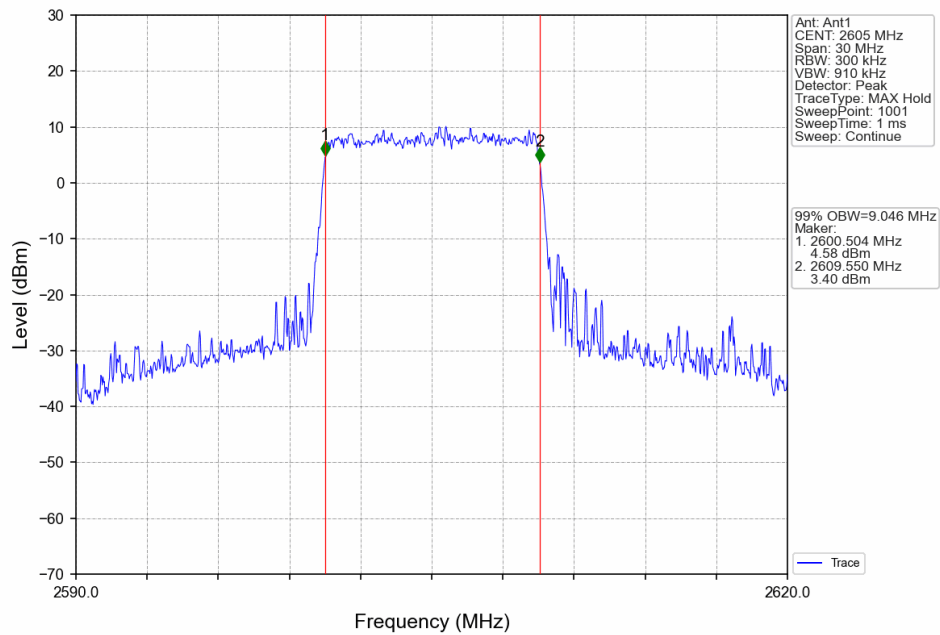
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



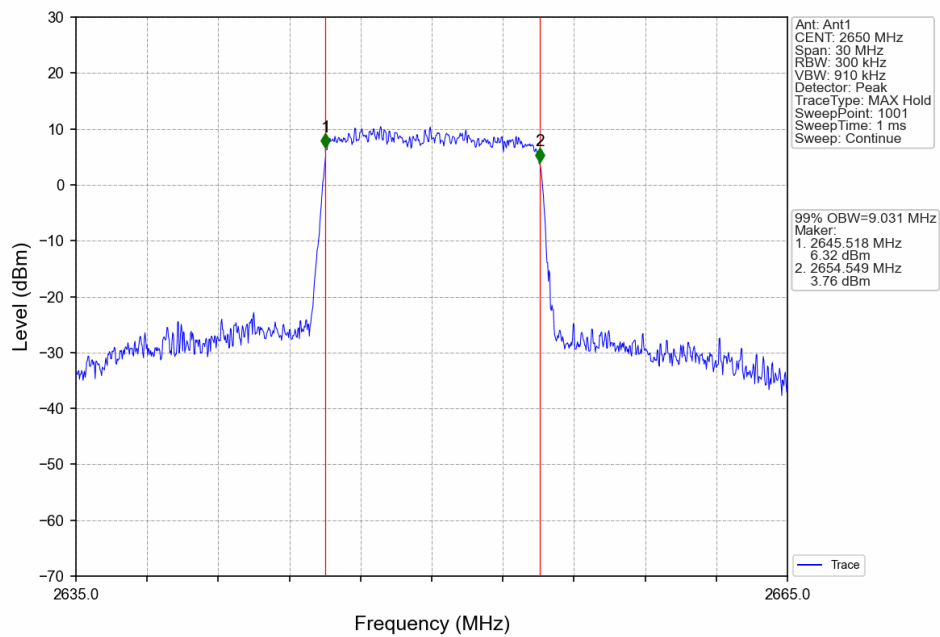
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



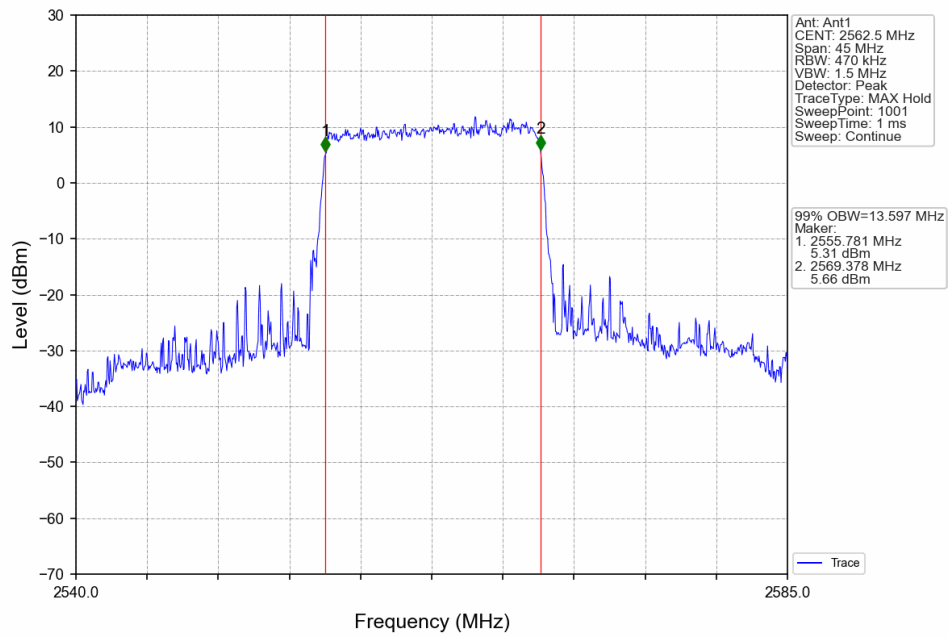
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



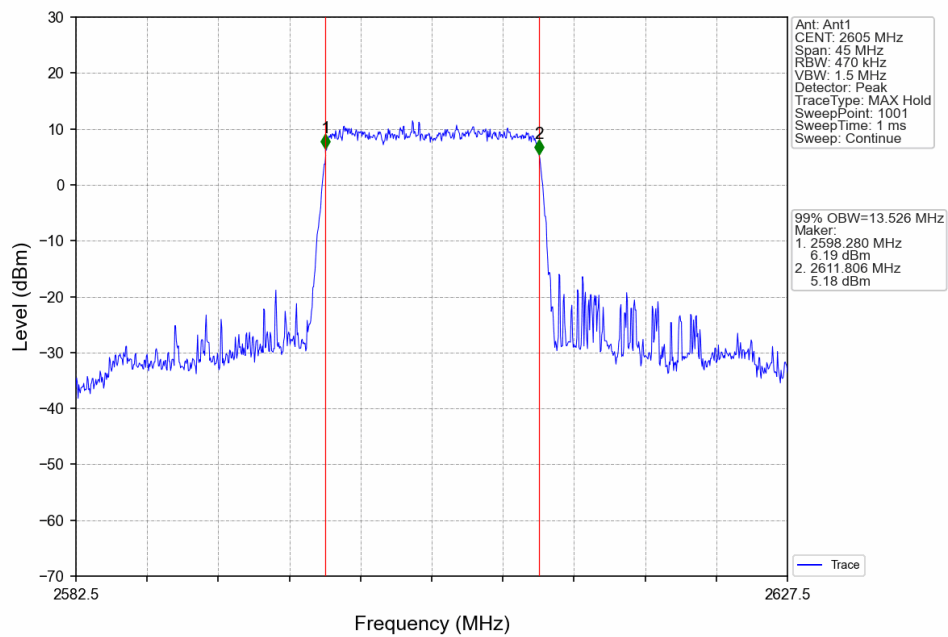
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



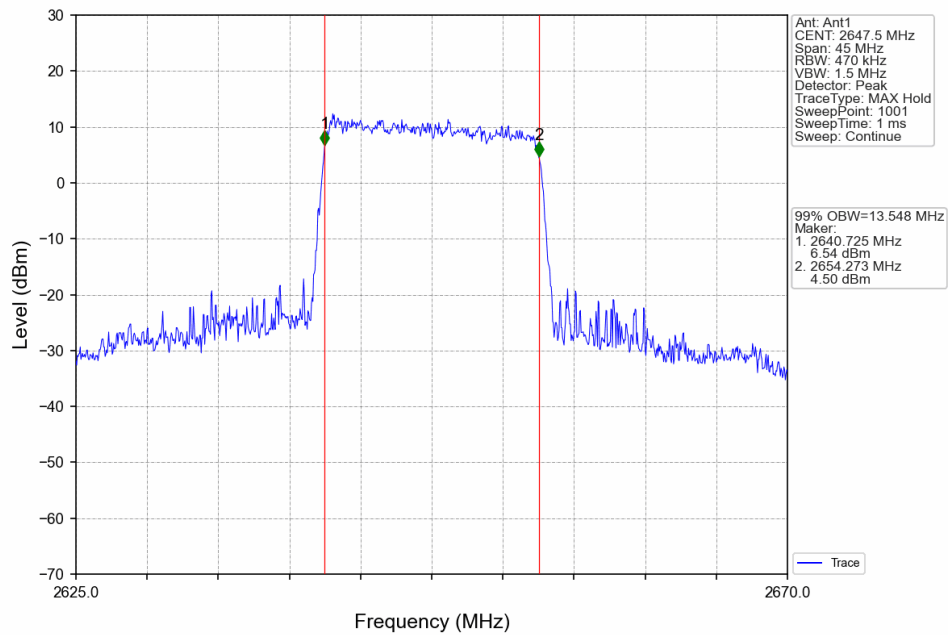
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



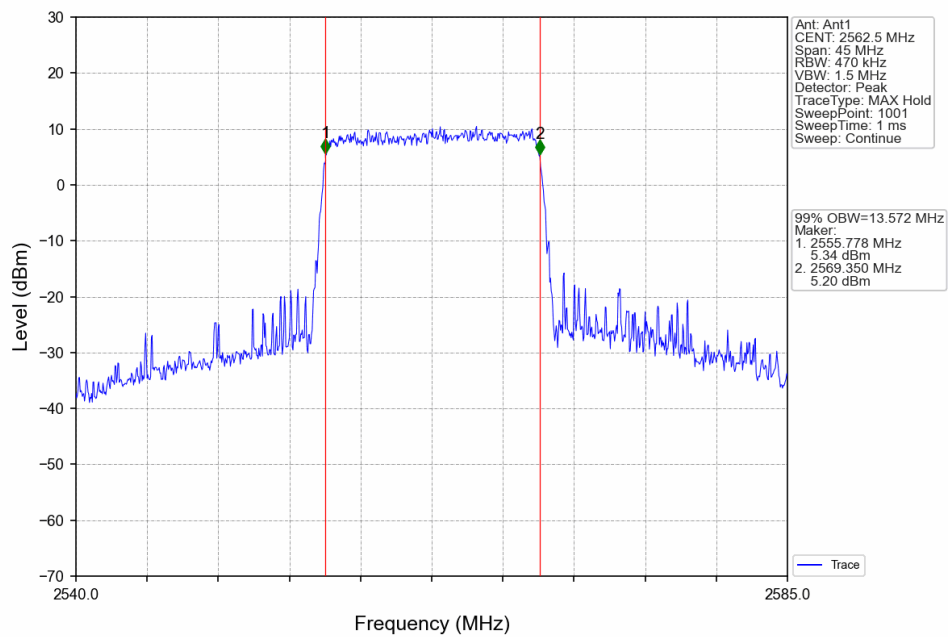
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



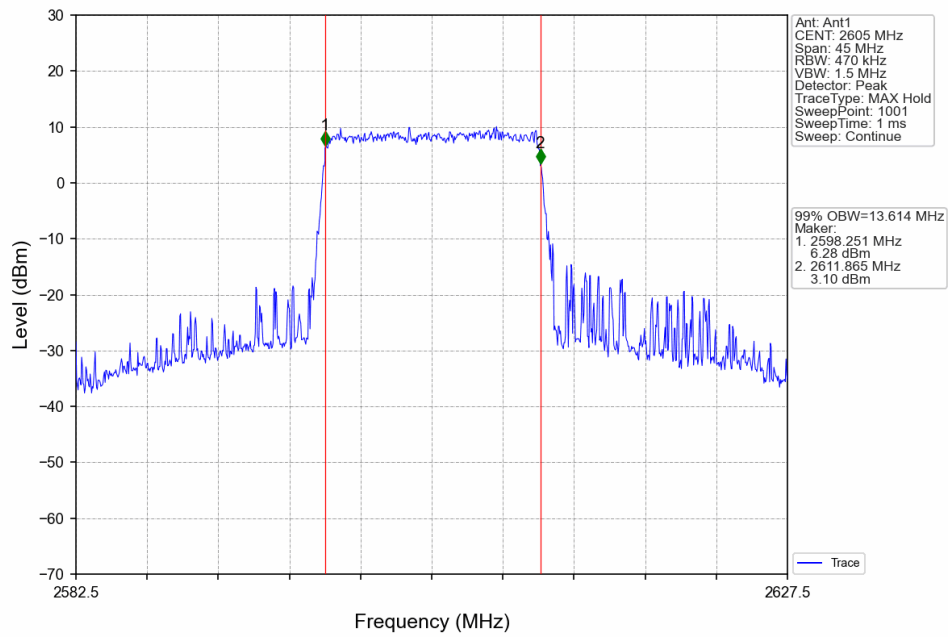
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



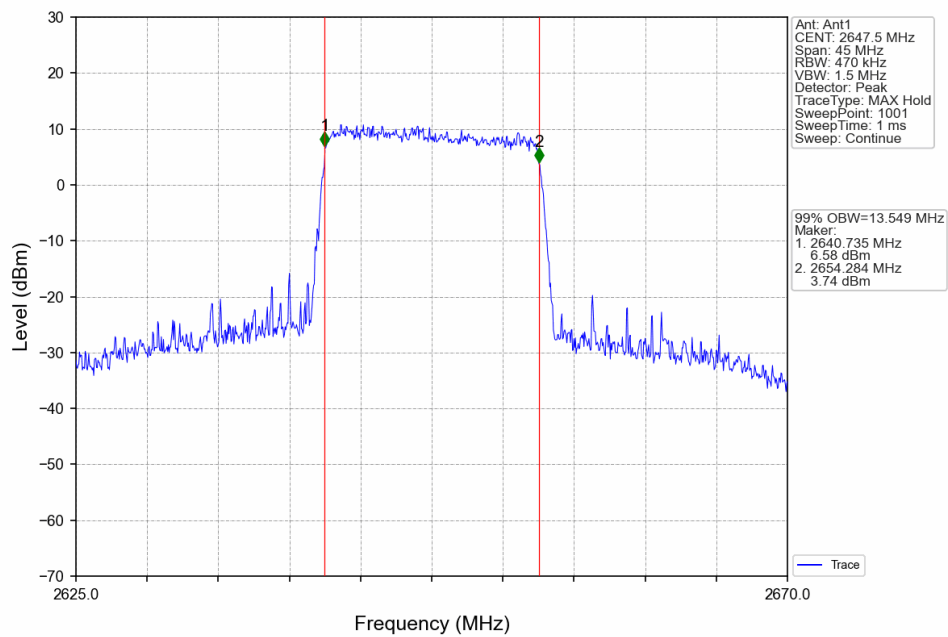
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



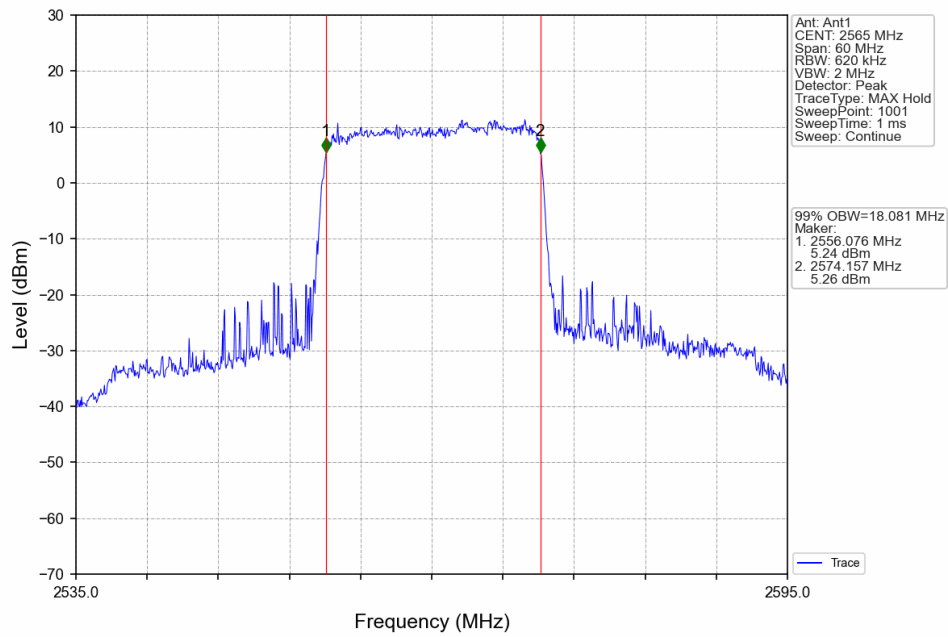
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



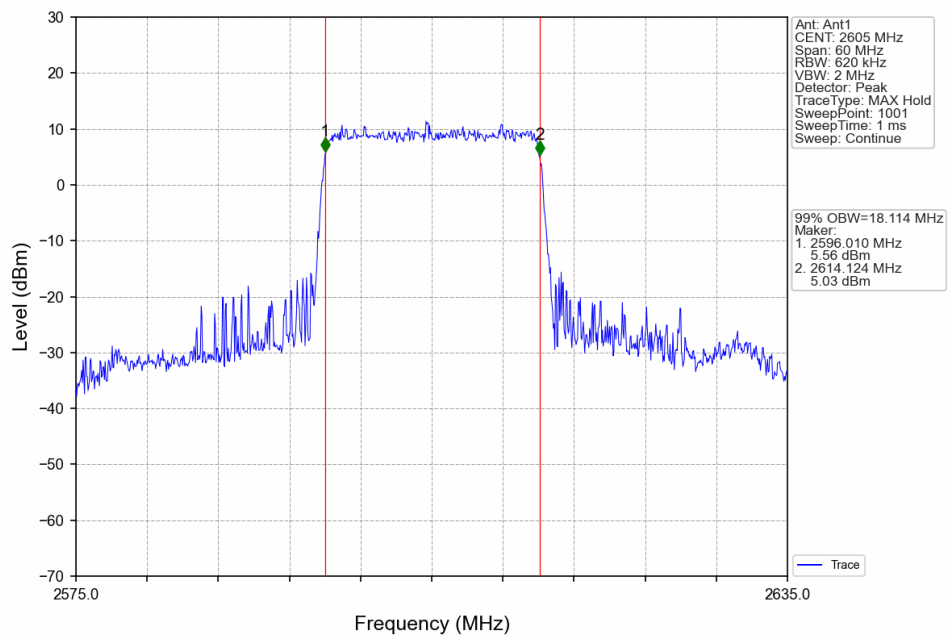
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



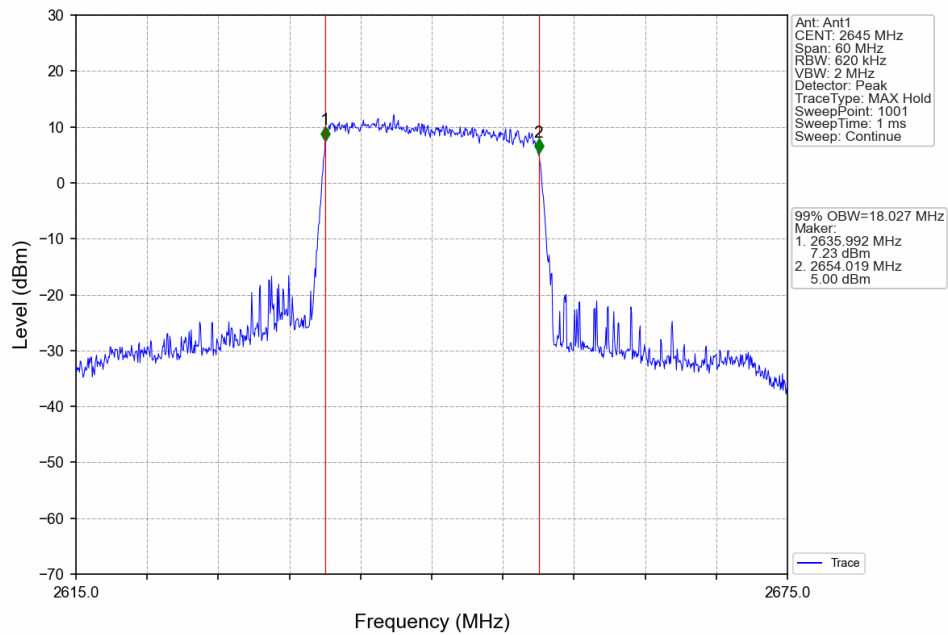
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



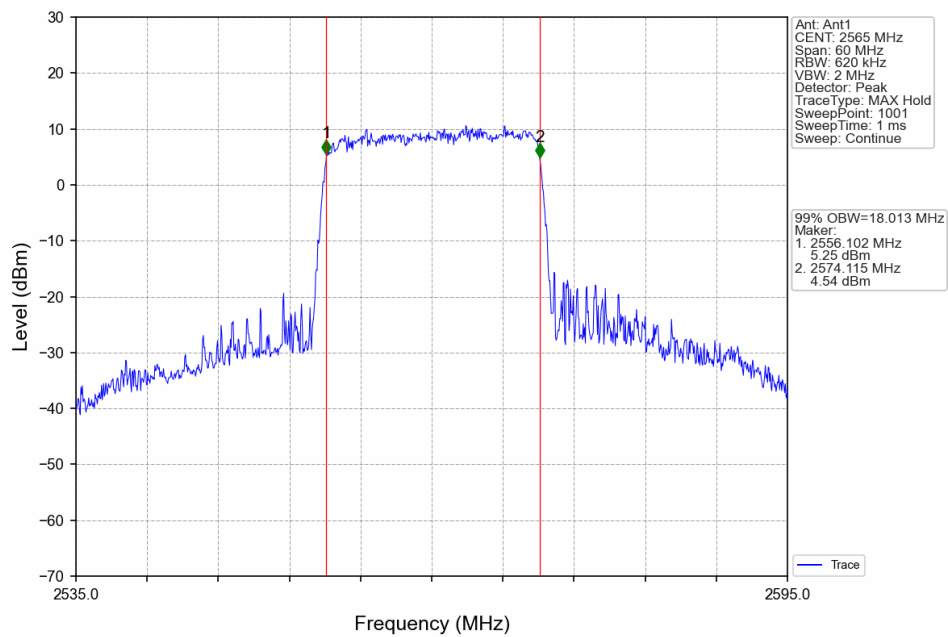
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



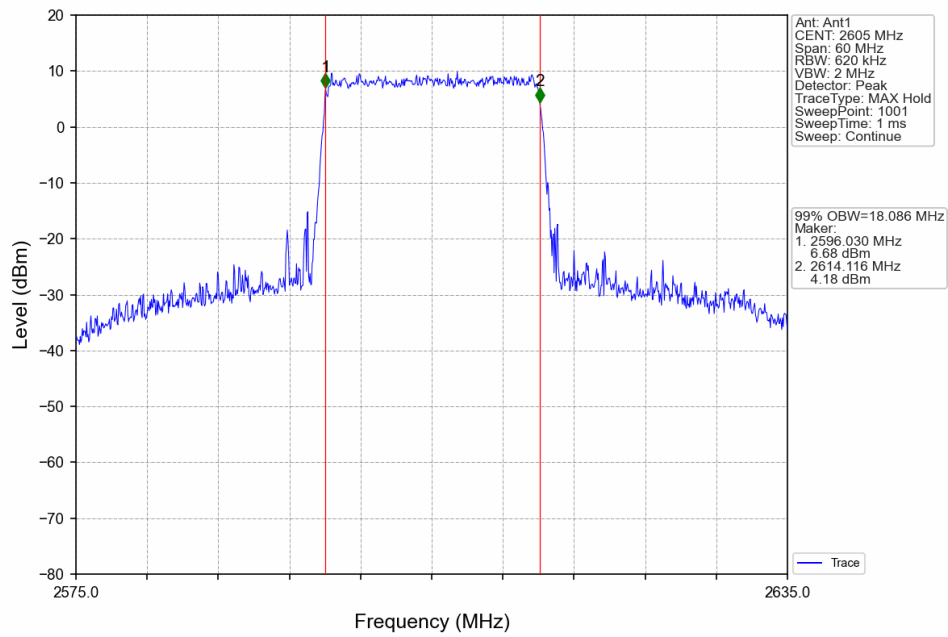
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



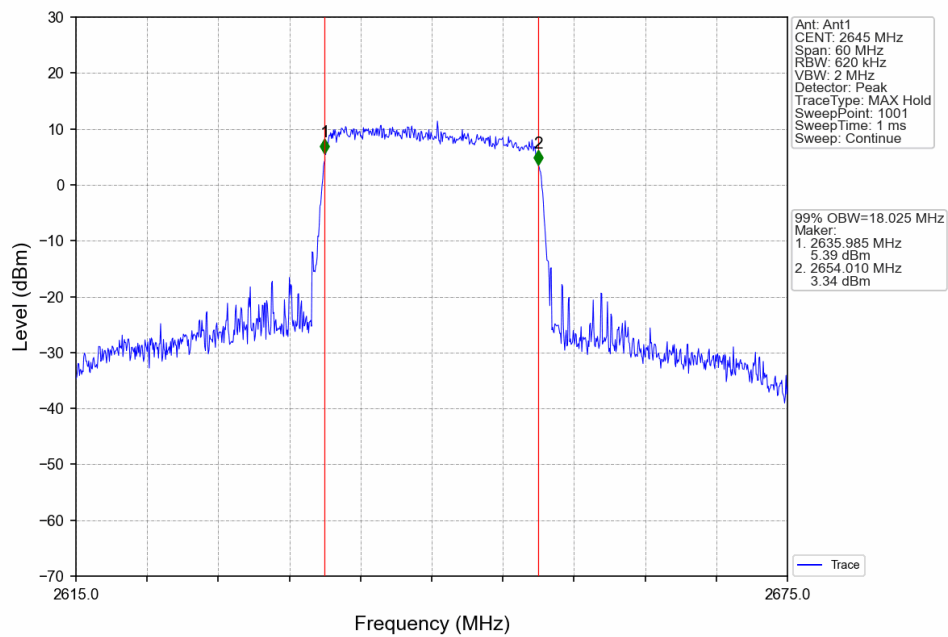
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



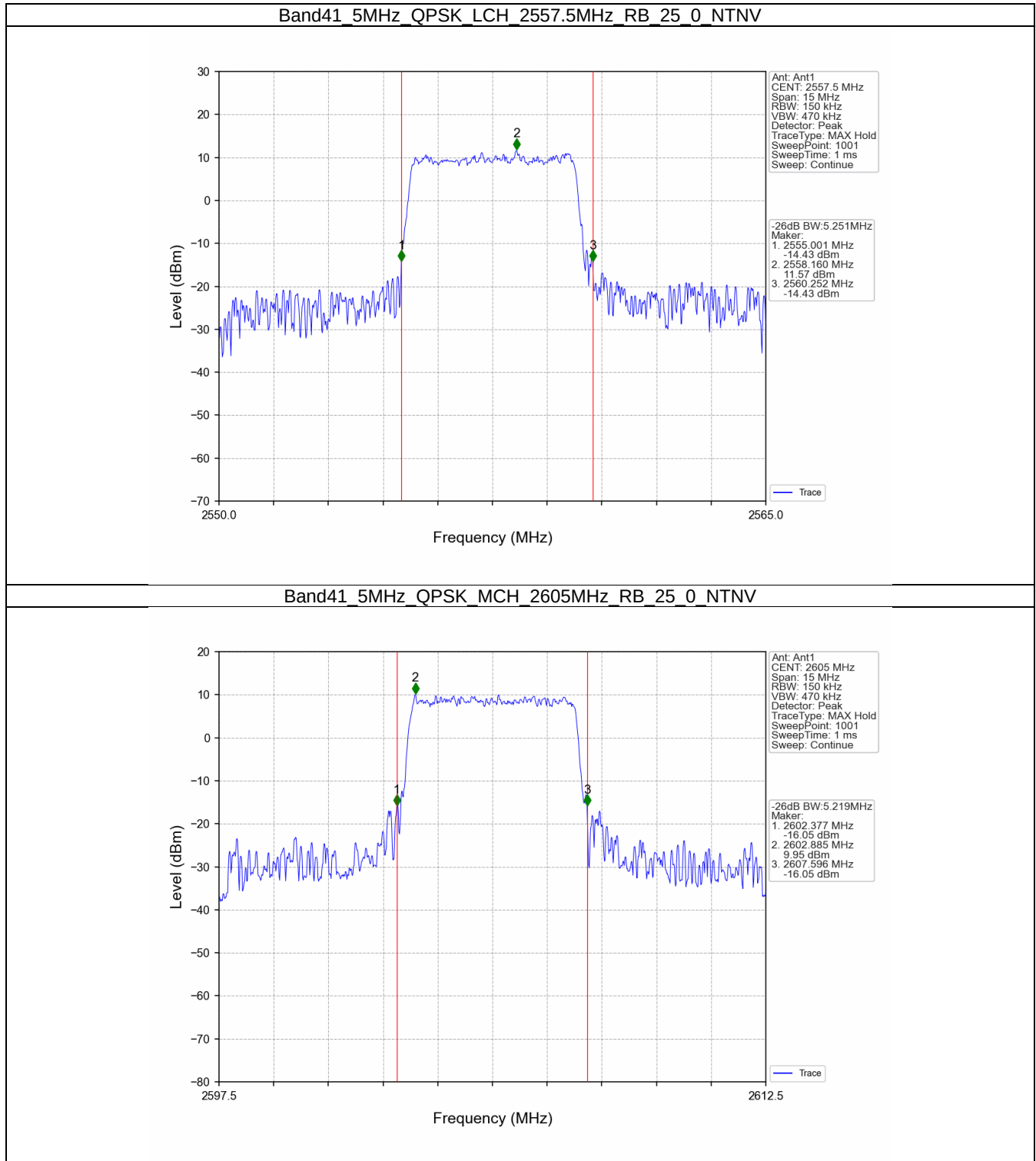
Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



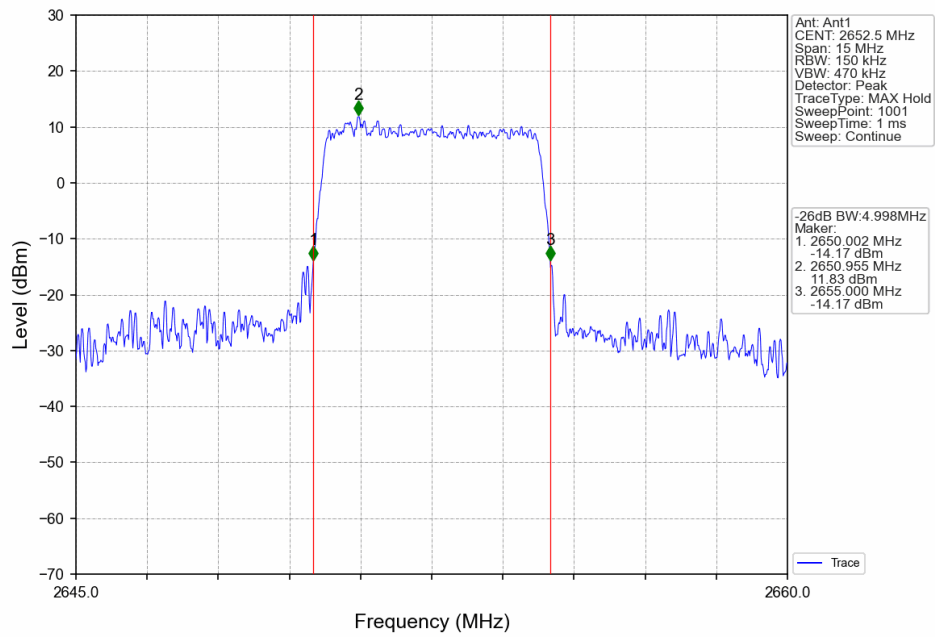
Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



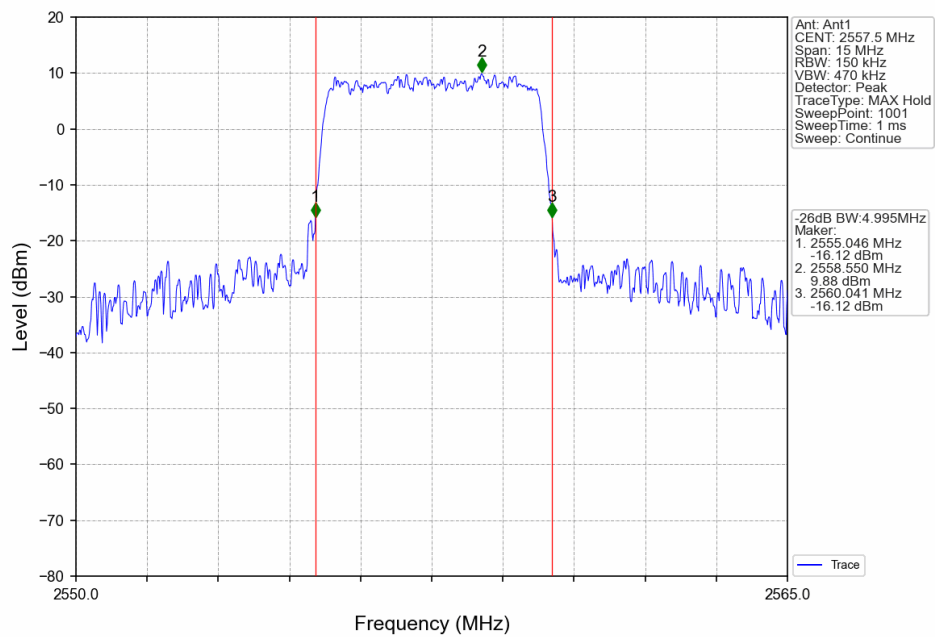
4.2.2 Band41_XDB



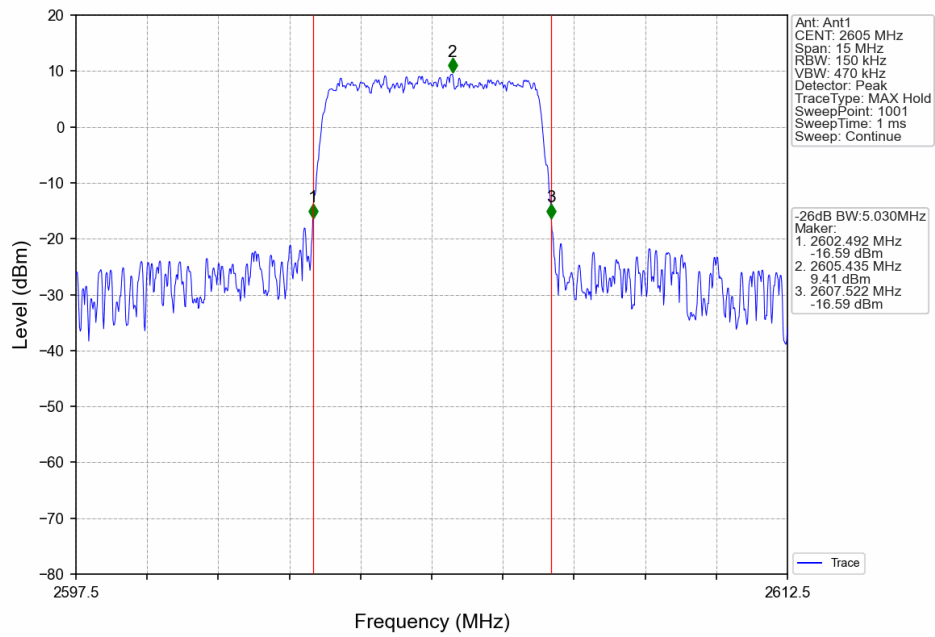
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



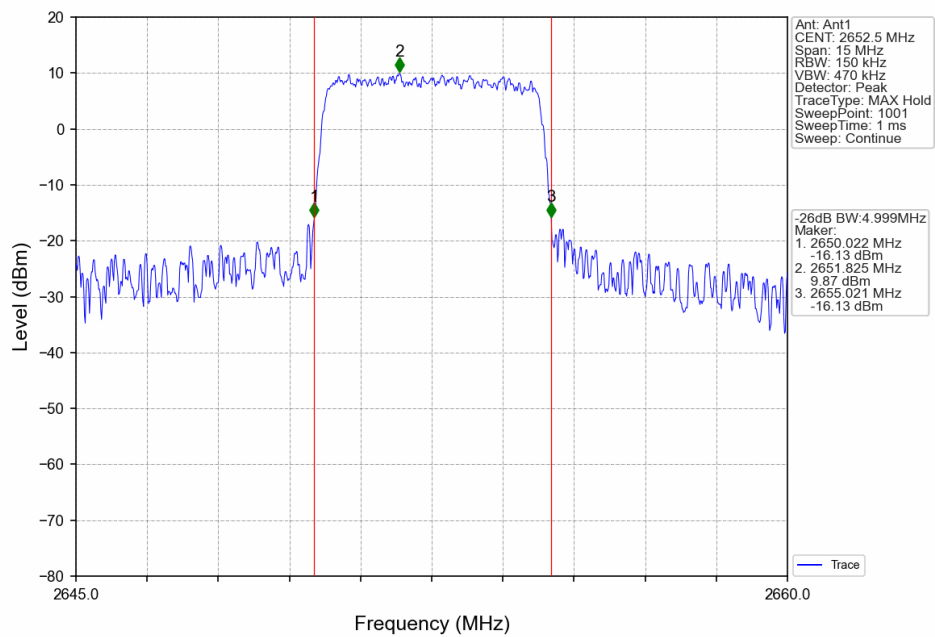
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



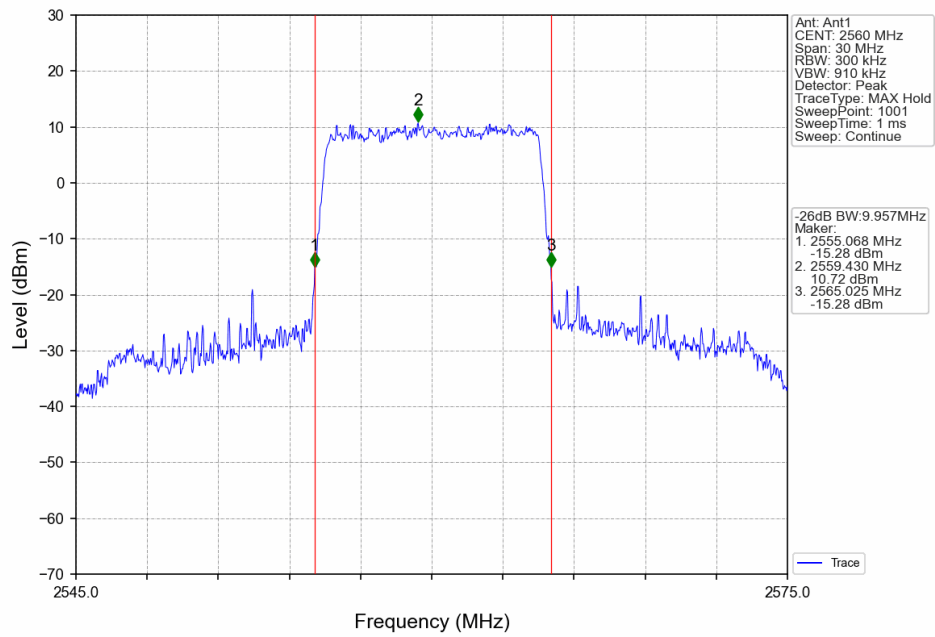
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



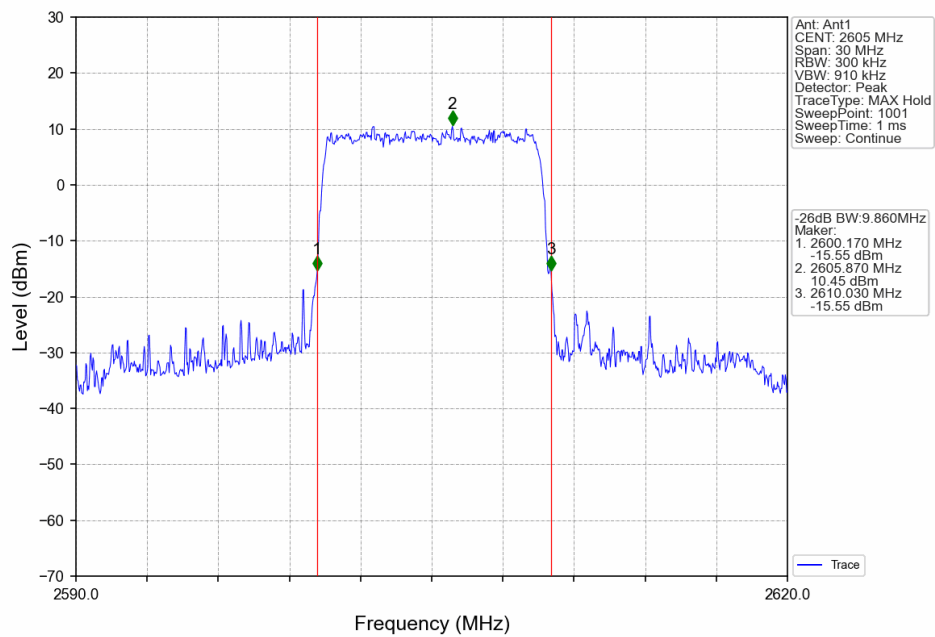
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



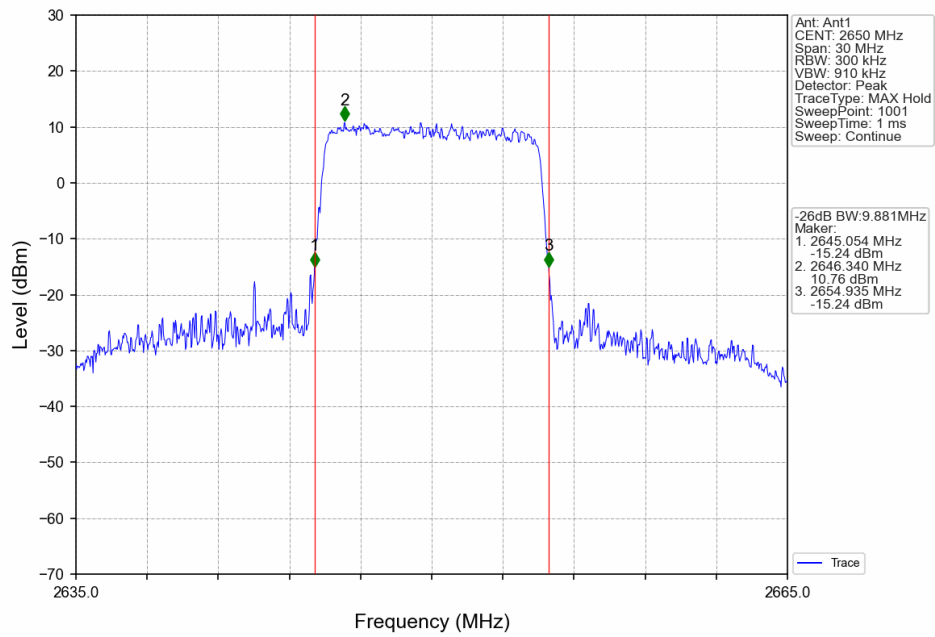
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



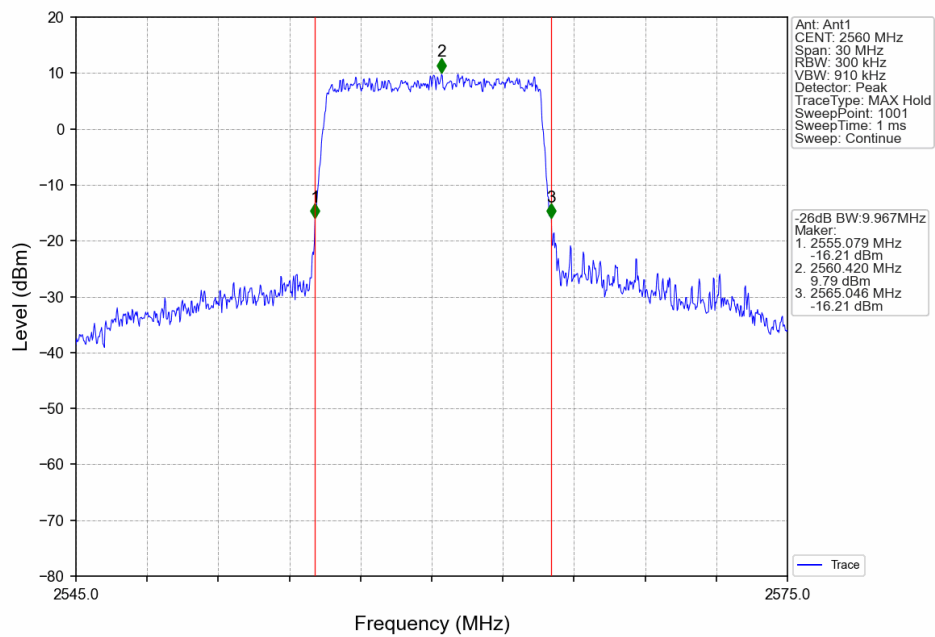
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



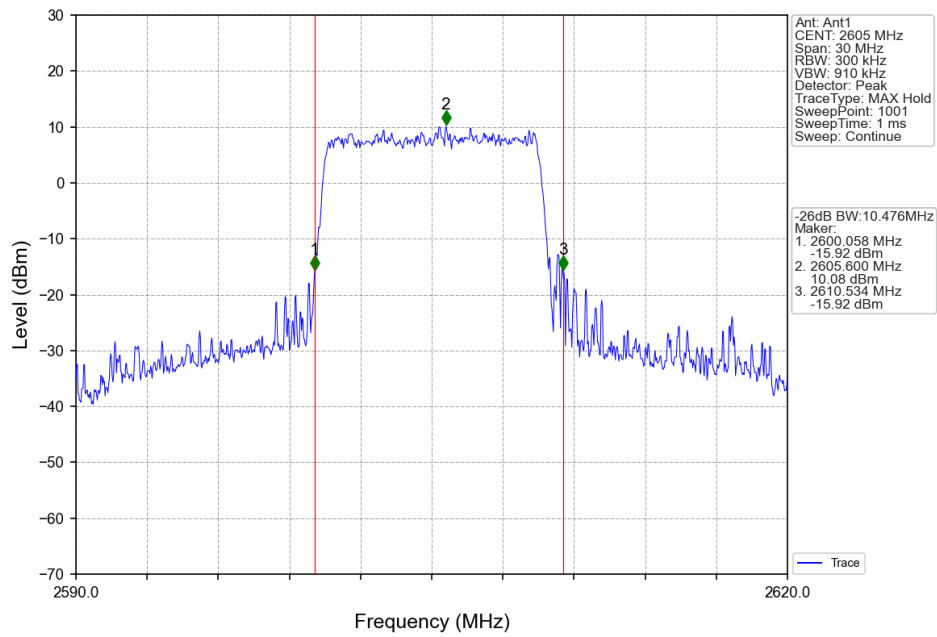
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



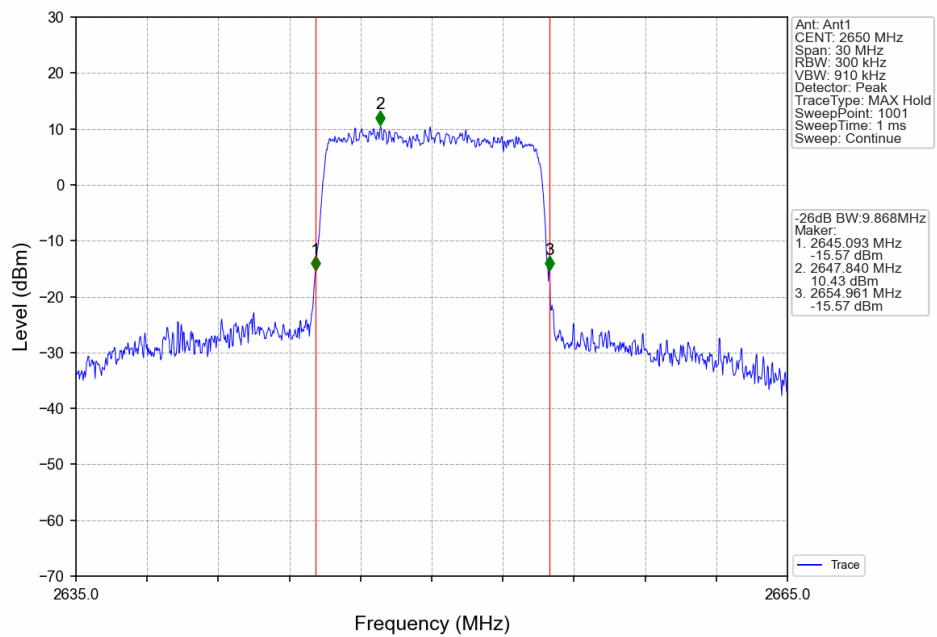
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



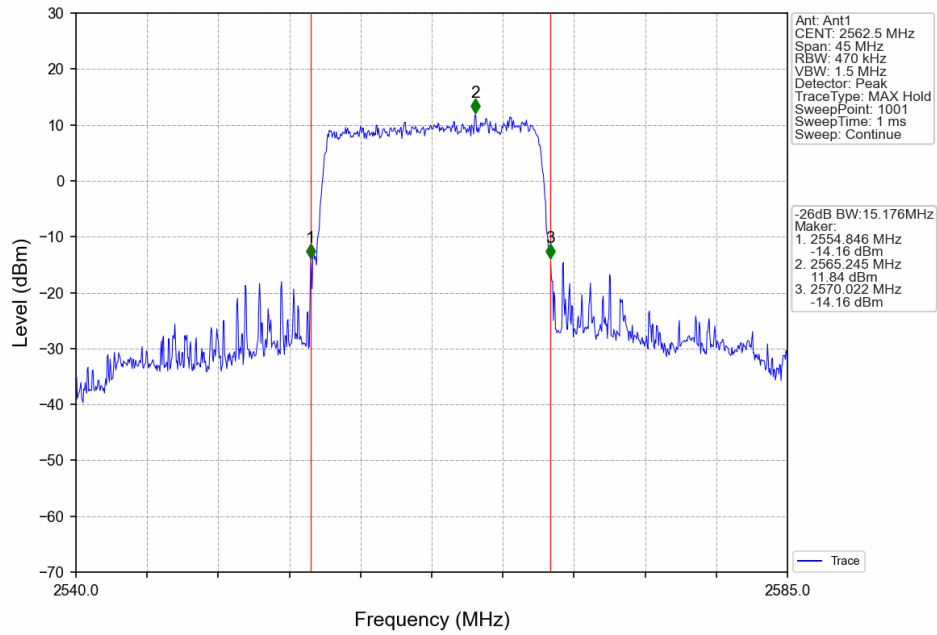
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



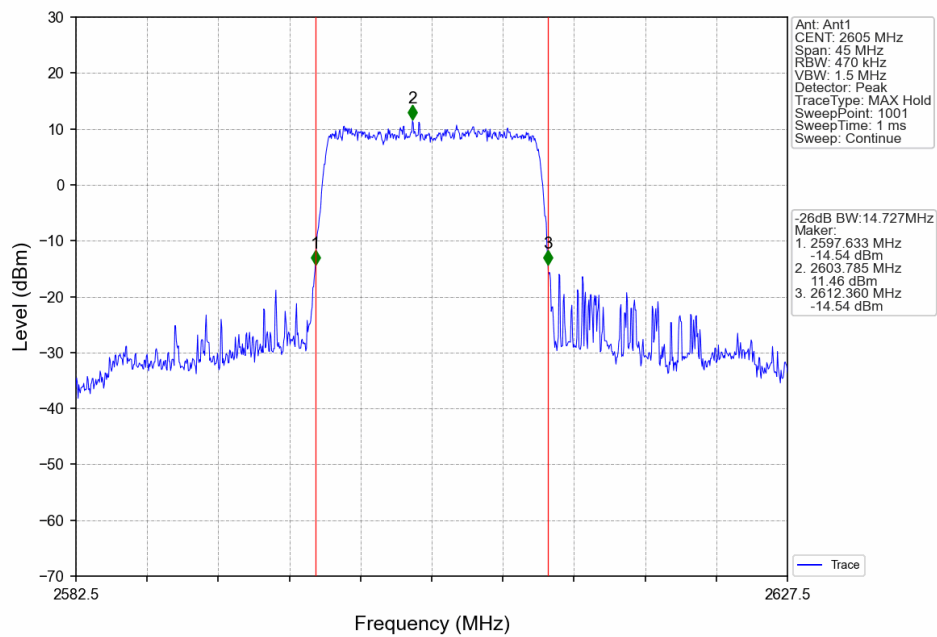
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



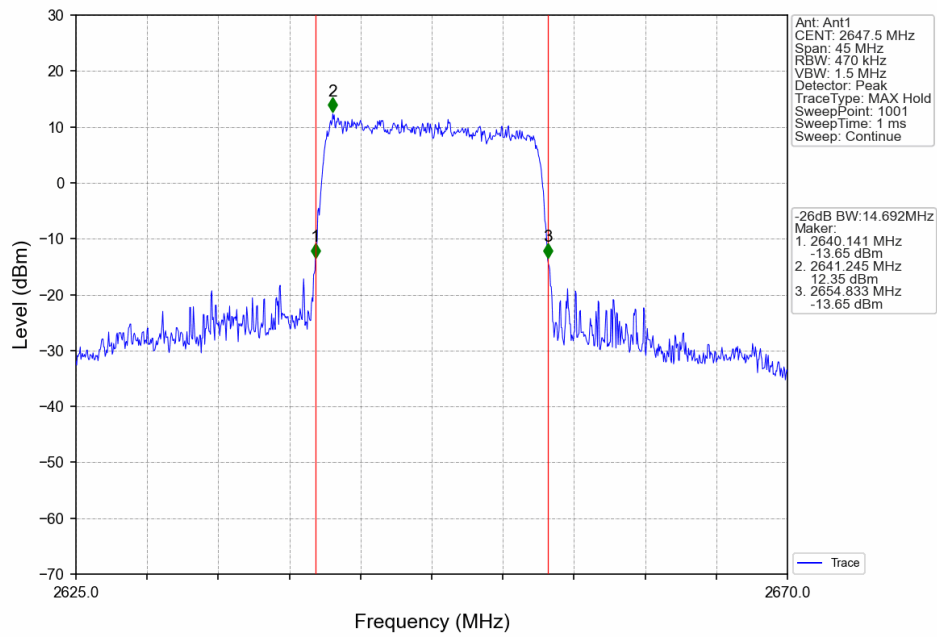
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



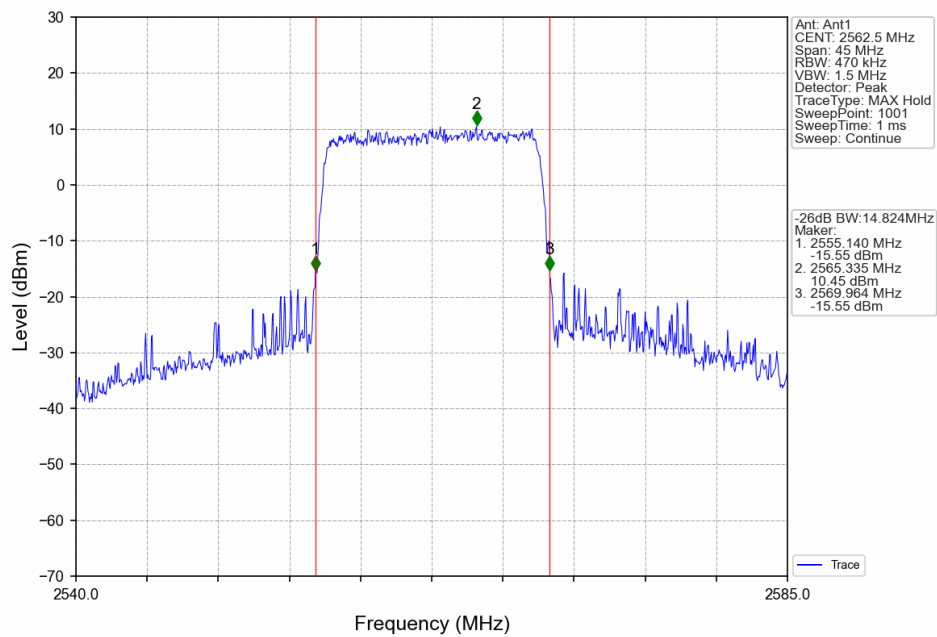
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



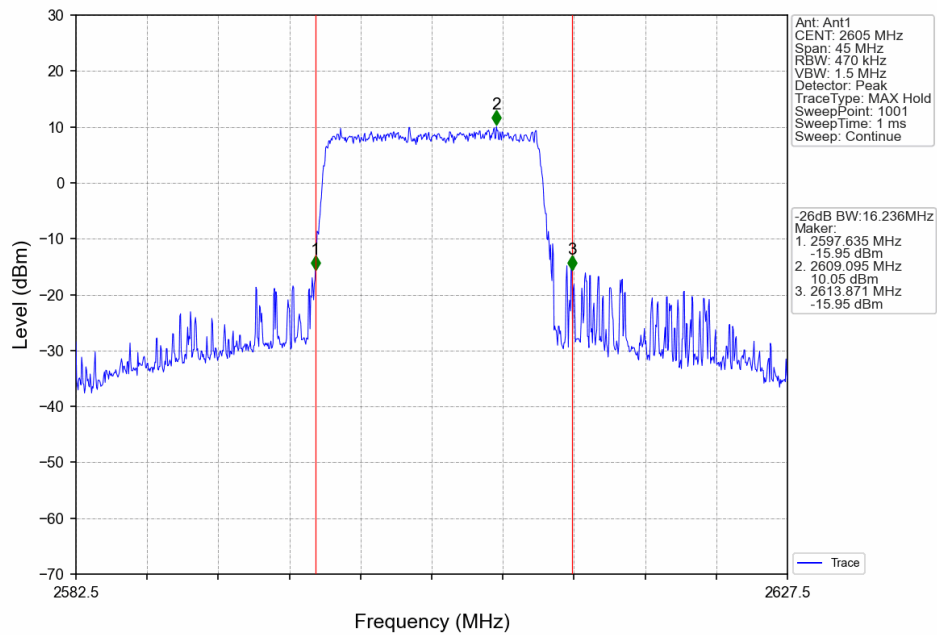
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



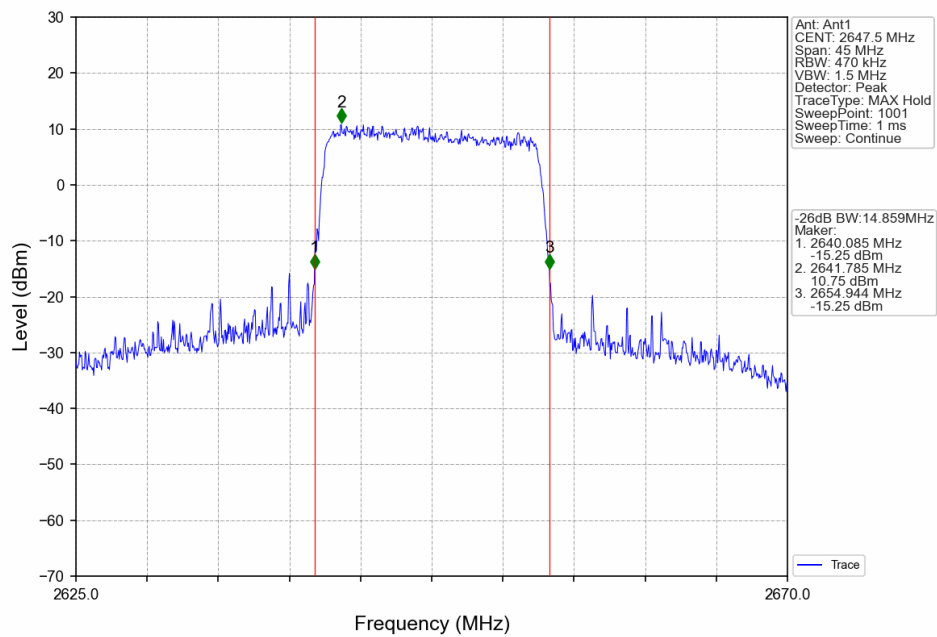
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



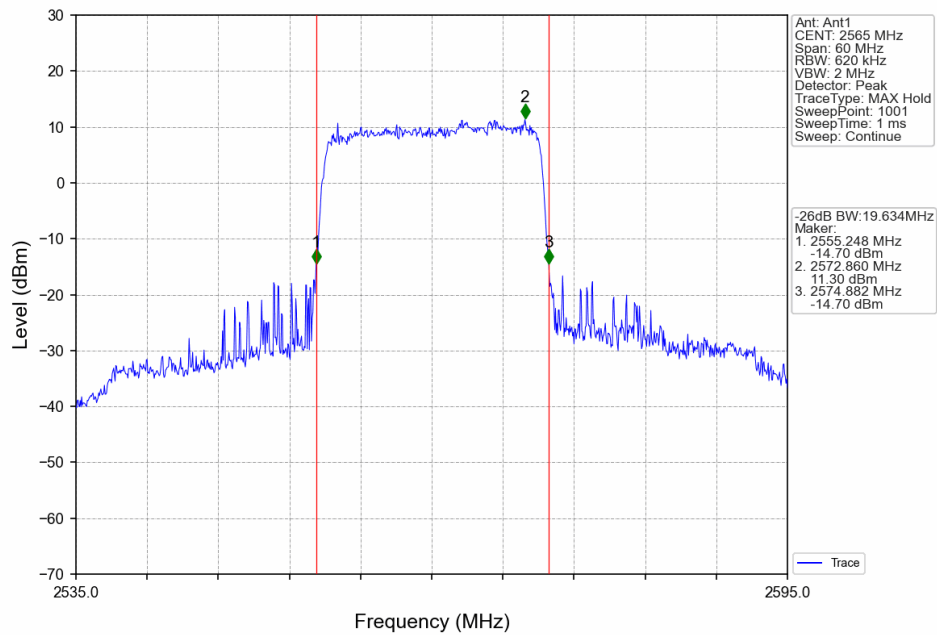
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



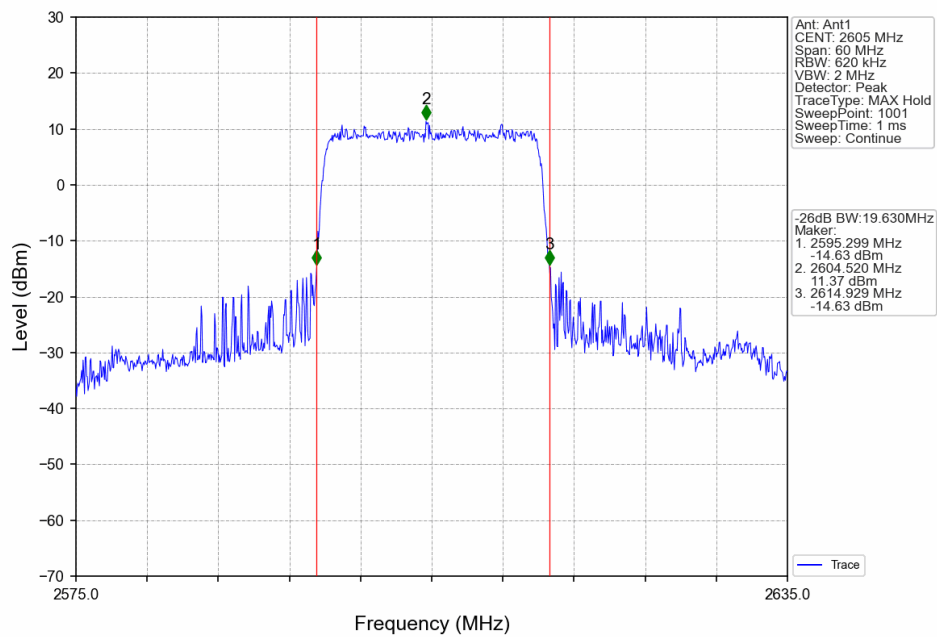
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



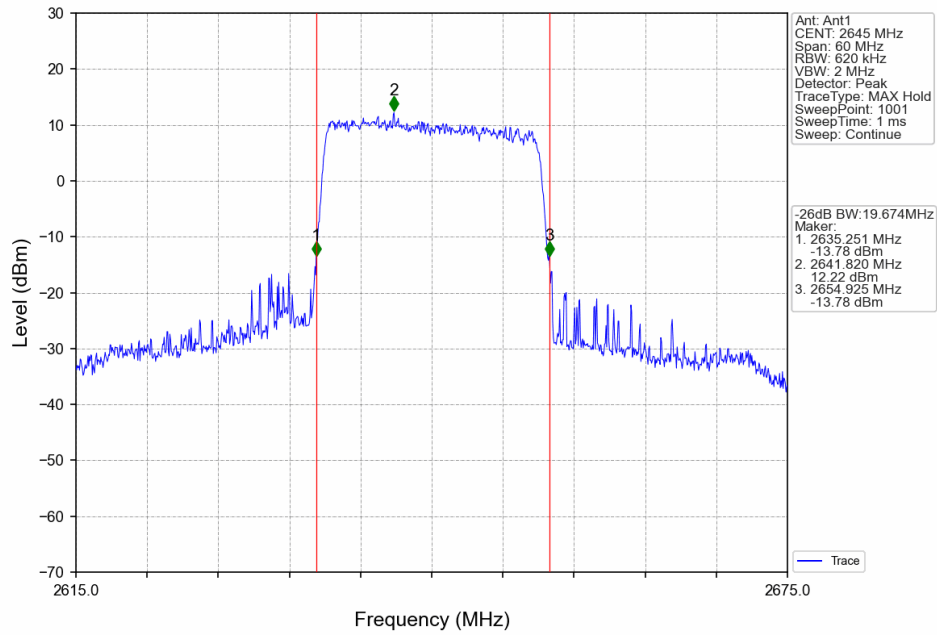
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



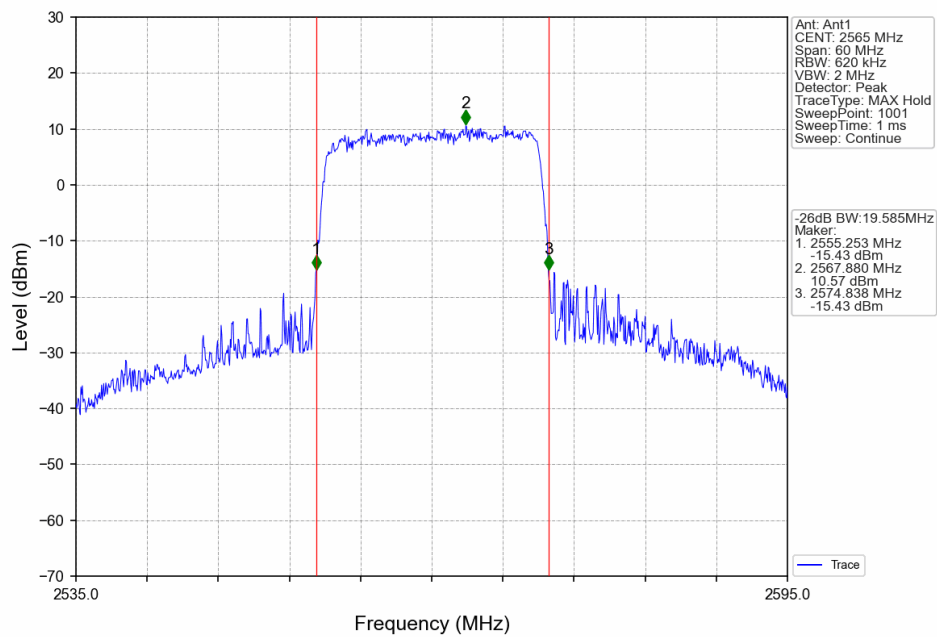
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



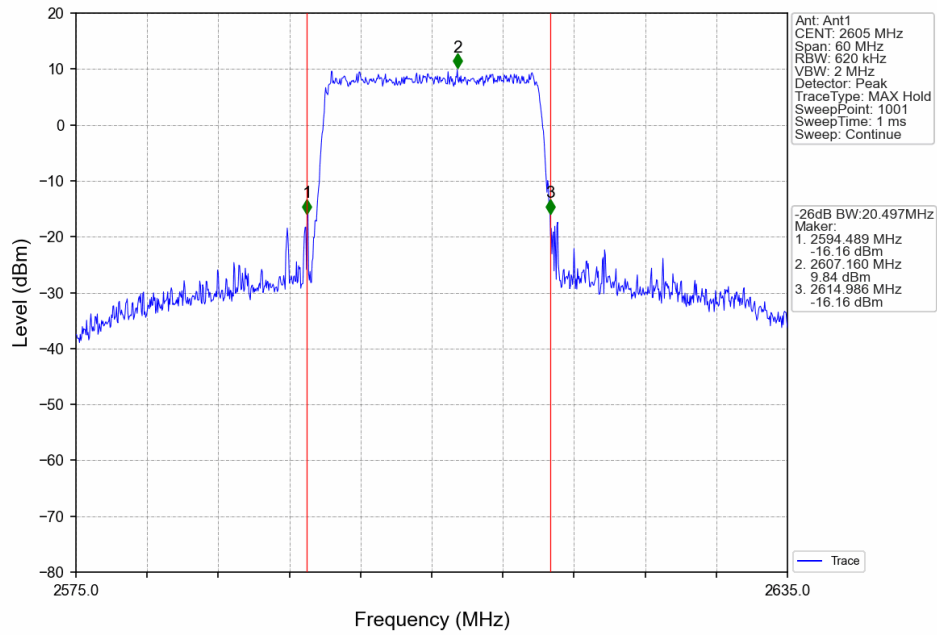
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



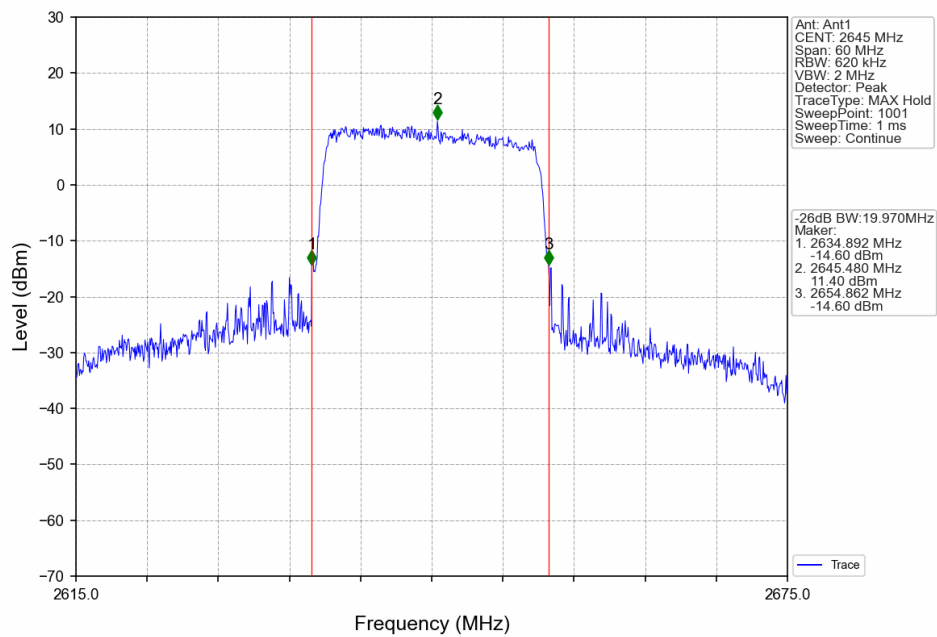
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	25	0	7.75	<=13	Pass
	2605	25	0	7.83	<=13	Pass
	2652.5	25	0	7.40	<=13	Pass
16QAM	2557.5	25	0	8.36	<=13	Pass
	2605	25	0	8.57	<=13	Pass
	2652.5	25	0	8.15	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	50	0	7.76	<=13	Pass
	2605	50	0	7.82	<=13	Pass
	2650	50	0	7.54	<=13	Pass
16QAM	2560	50	0	8.42	<=13	Pass
	2605	50	0	8.37	<=13	Pass
	2650	50	0	8.32	<=13	Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	75	0	7.31	<=13	Pass
	2605	75	0	7.23	<=13	Pass
	2647.5	75	0	7.04	<=13	Pass
16QAM	2562.5	75	0	8.15	<=13	Pass
	2605	75	0	8.25	<=13	Pass
	2647.5	75	0	8.29	<=13	Pass

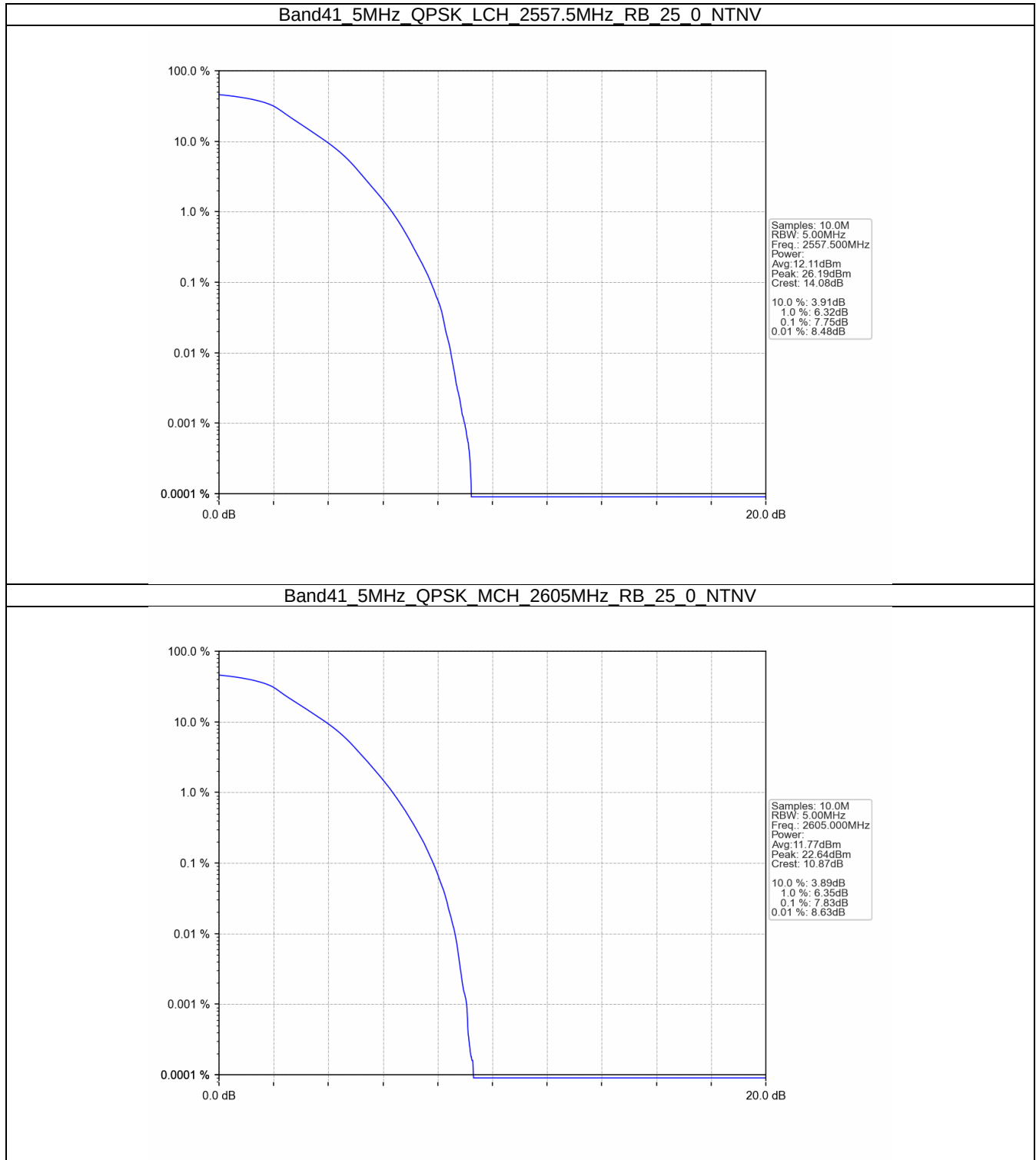
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.67	<=13	Pass
	2605	100	0	7.67	<=13	Pass
	2645	100	0	7.66	<=13	Pass
16QAM	2565	100	0	8.90	<=13	Pass
	2605	100	0	8.70	<=13	Pass
	2645	100	0	8.54	<=13	Pass

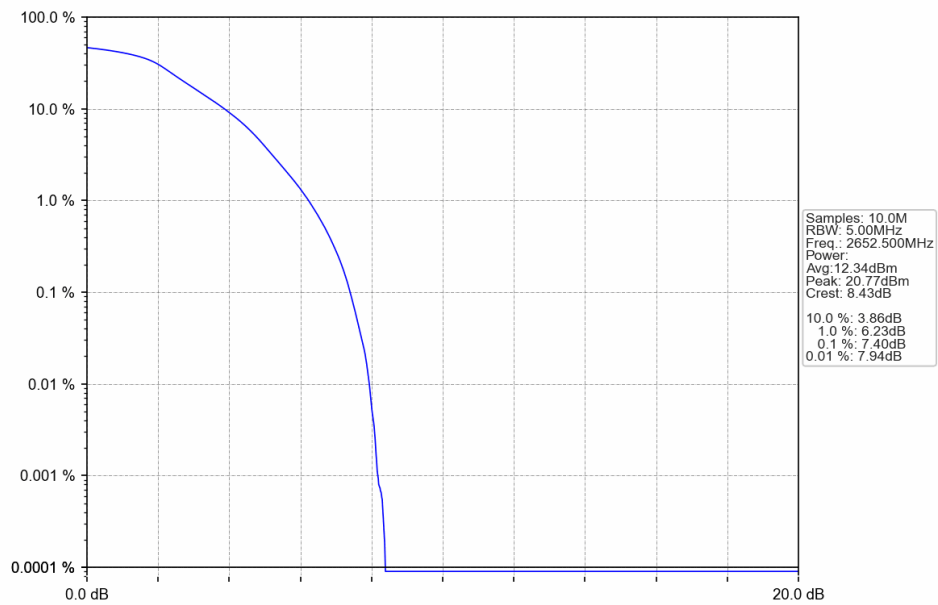


5.2 Test Graph

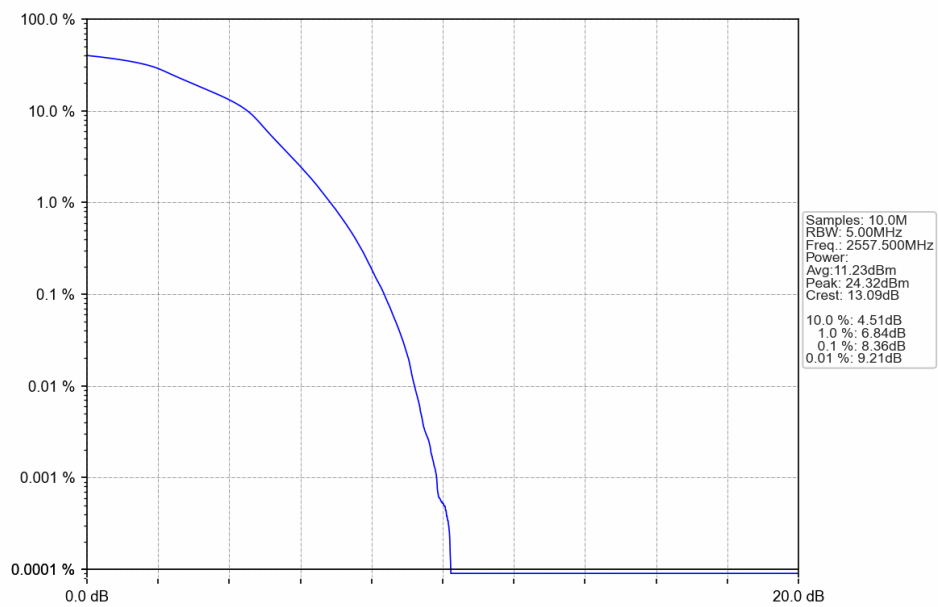
5.2.1 B41_5MHz



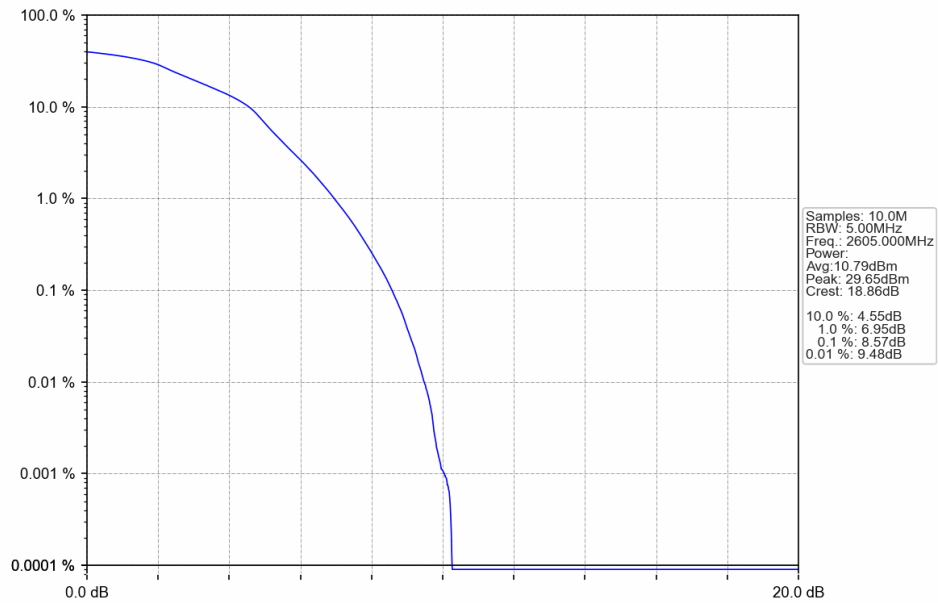
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



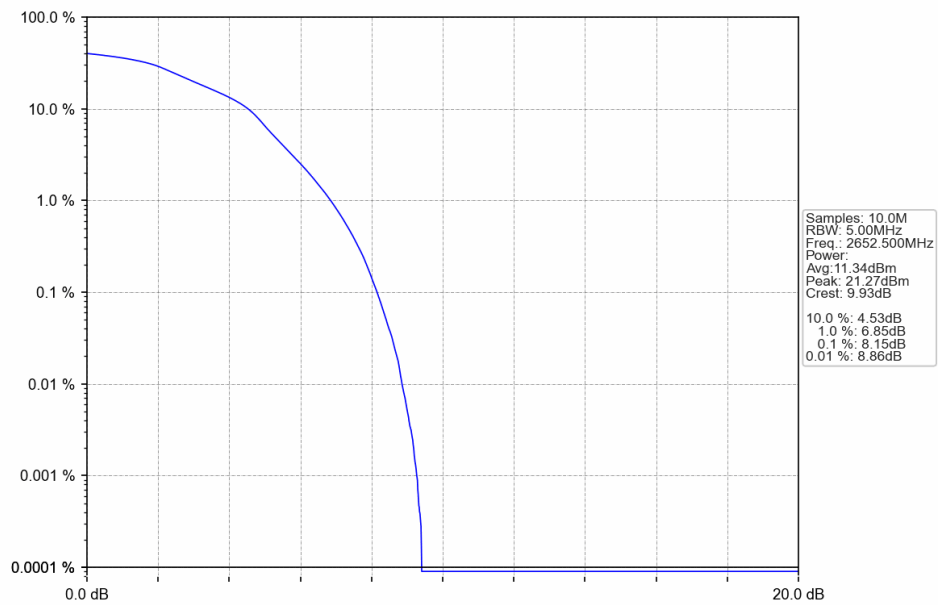
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



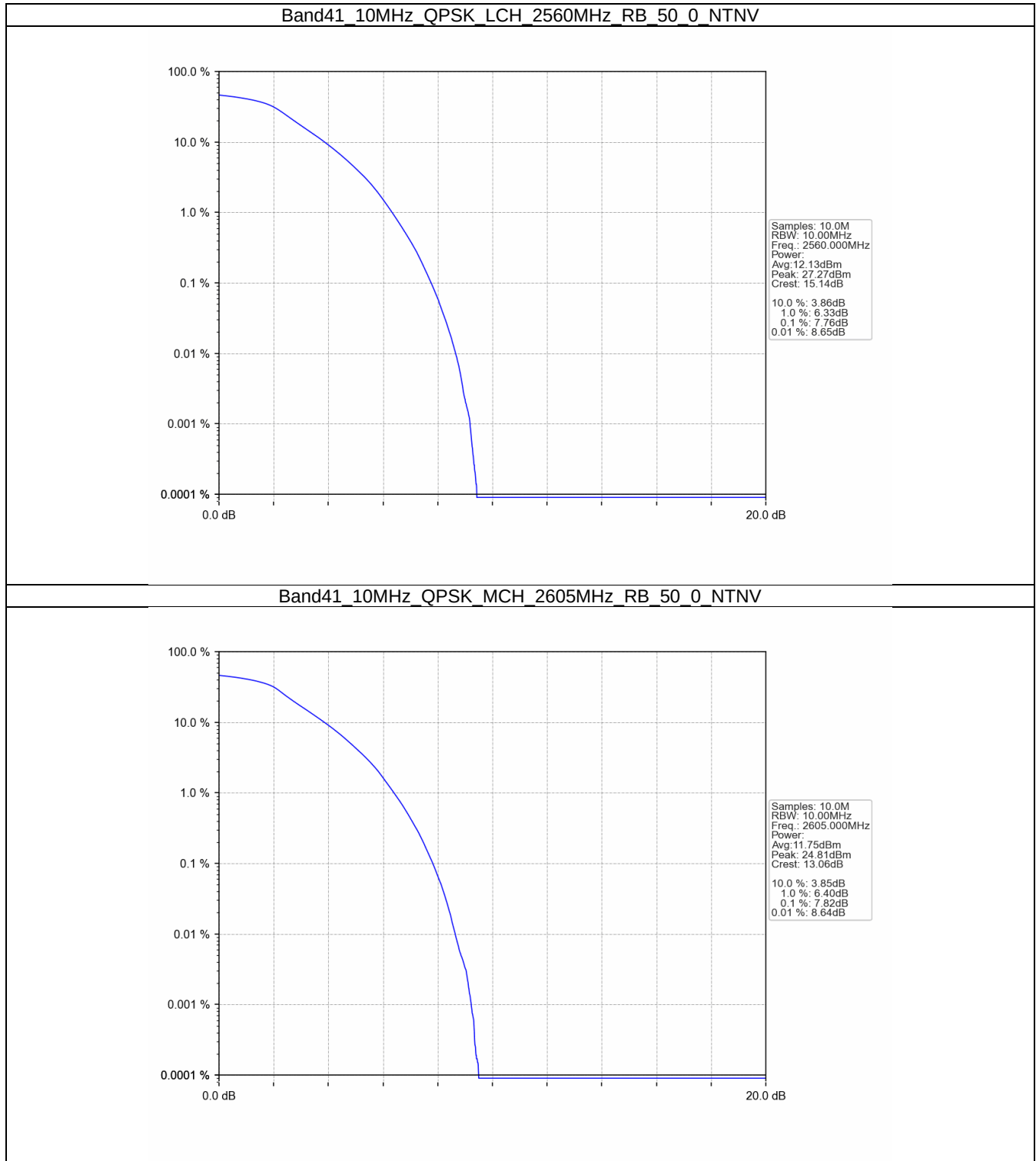
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



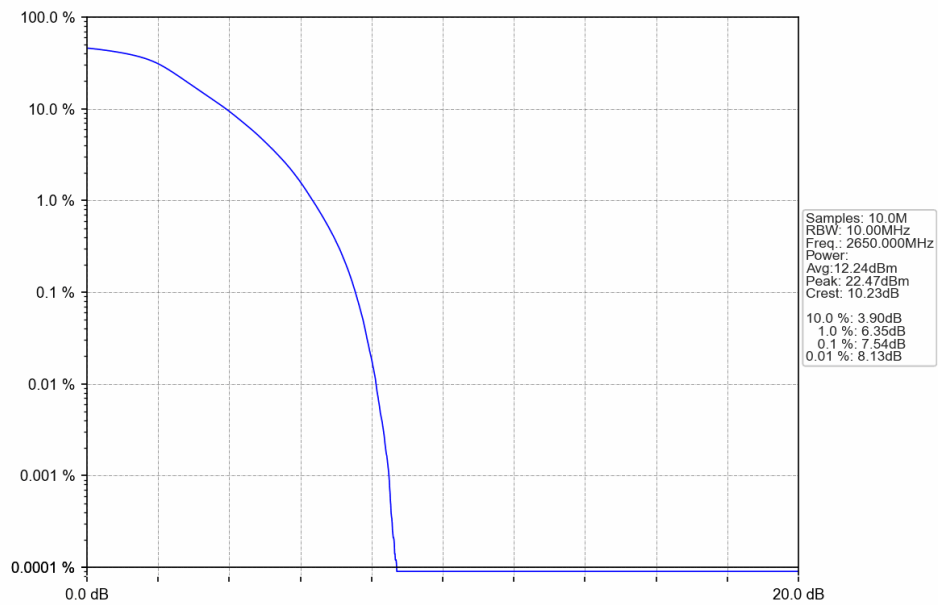
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



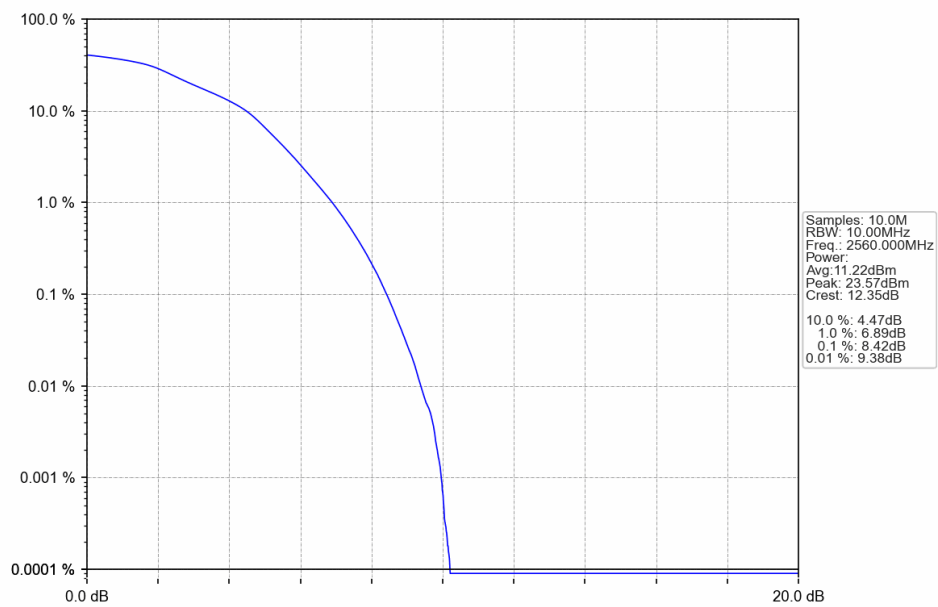
5.2.2 B41_10MHz



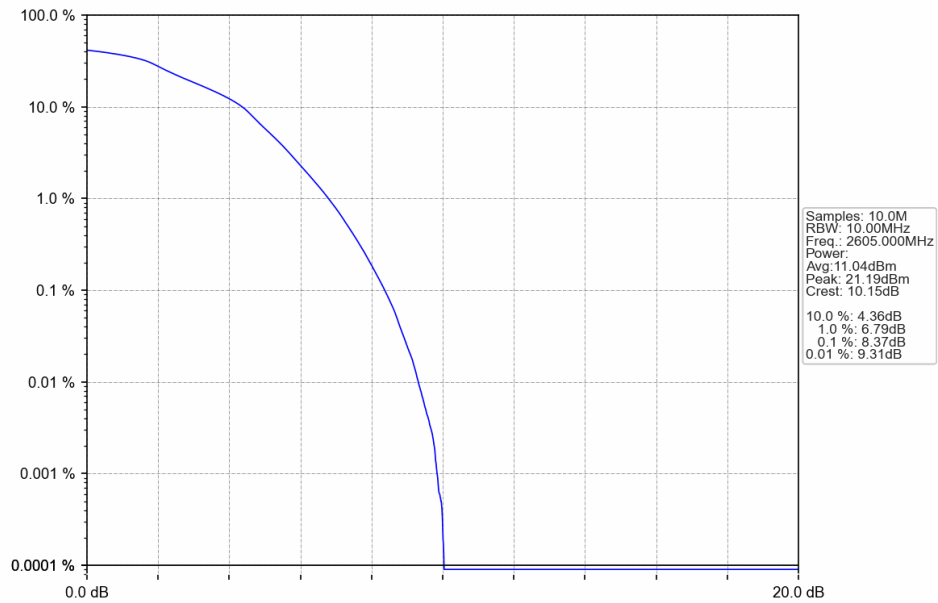
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



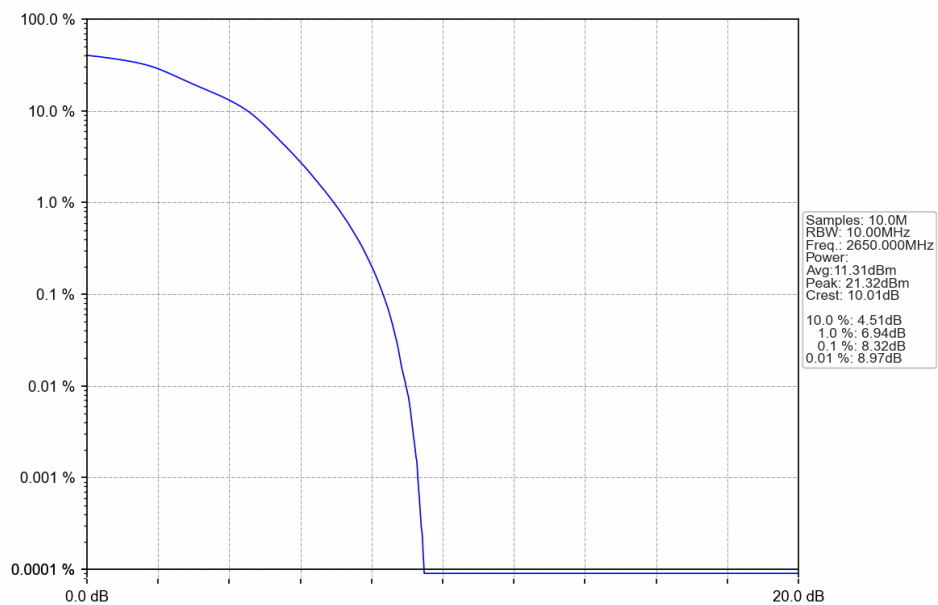
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



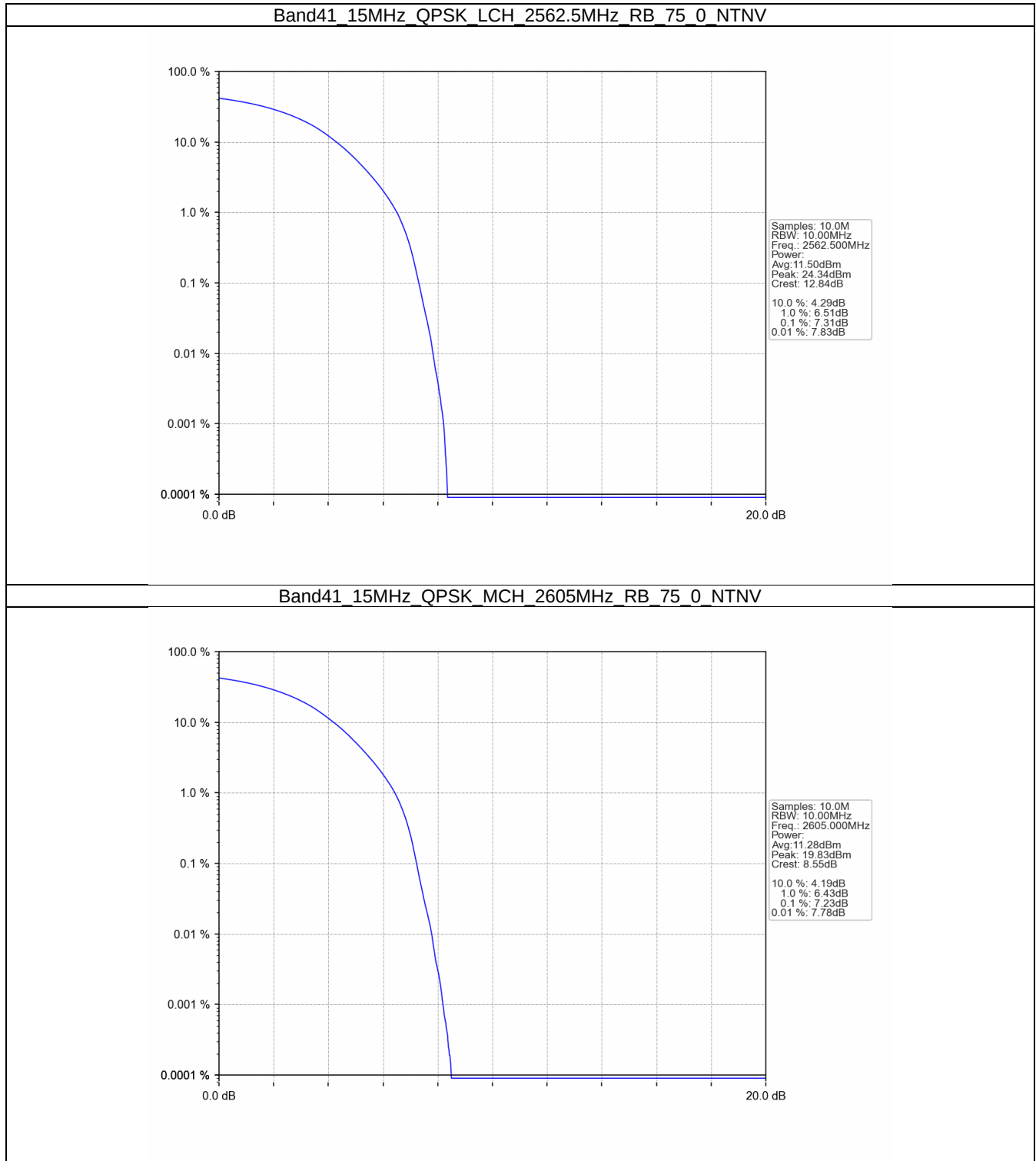
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



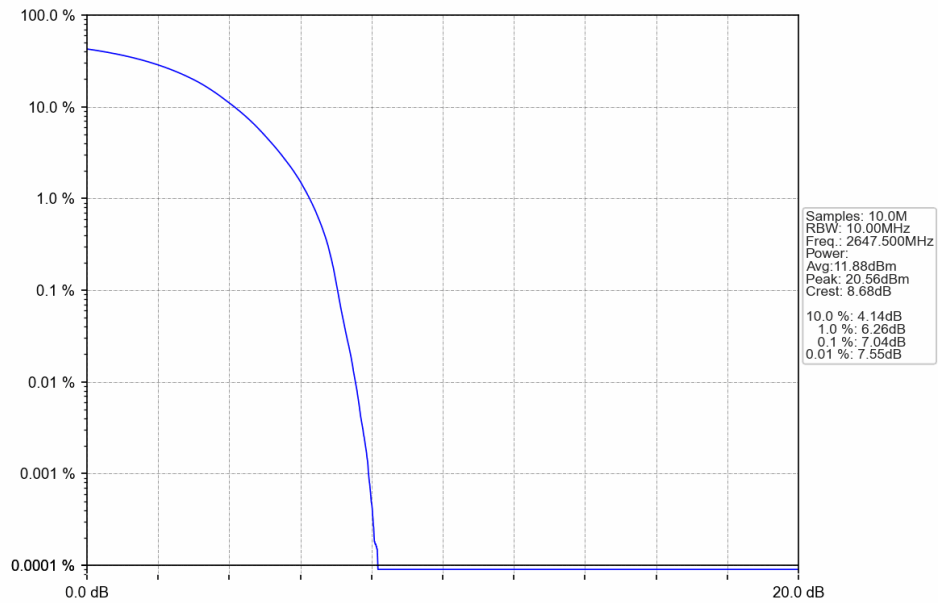
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



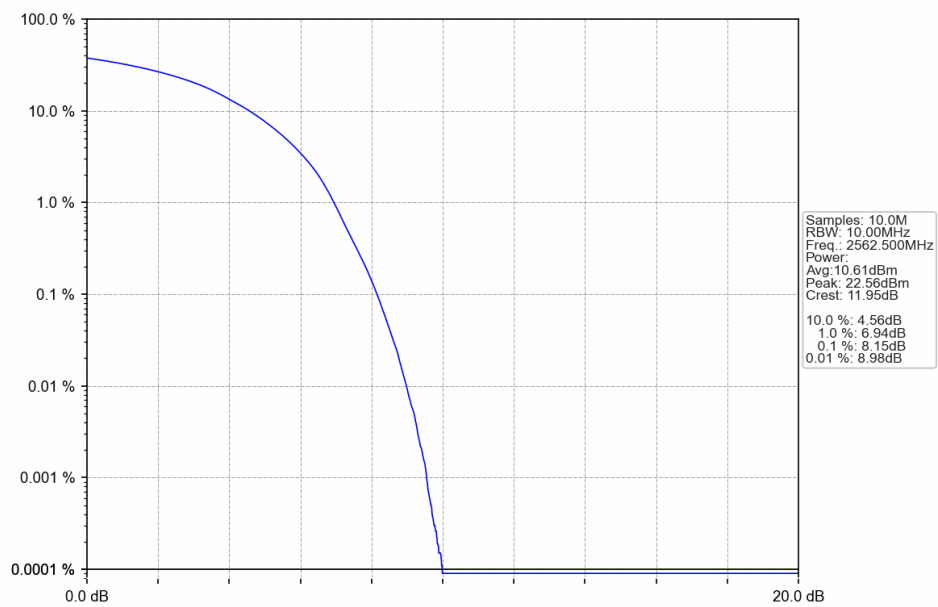
5.2.3 B41_15MHz



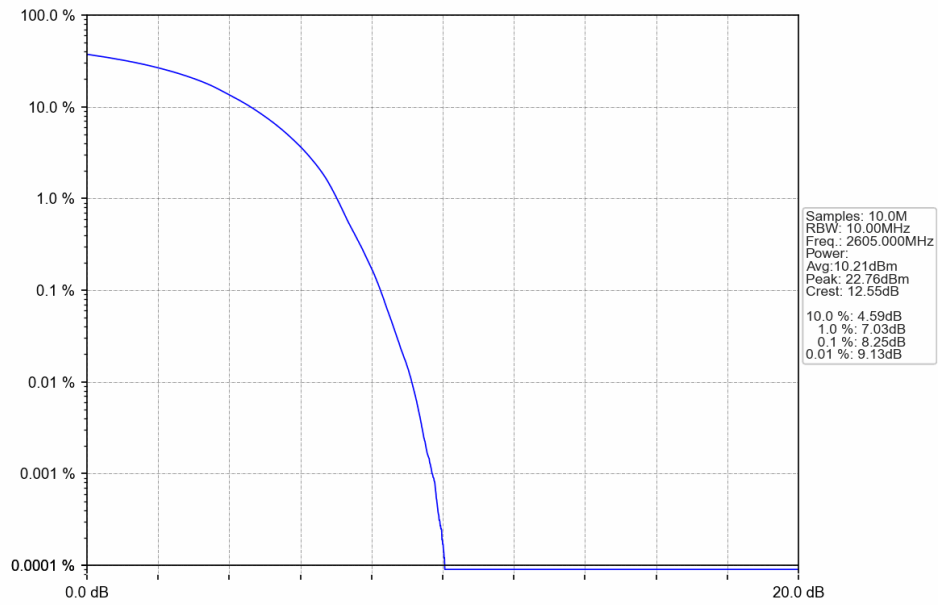
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



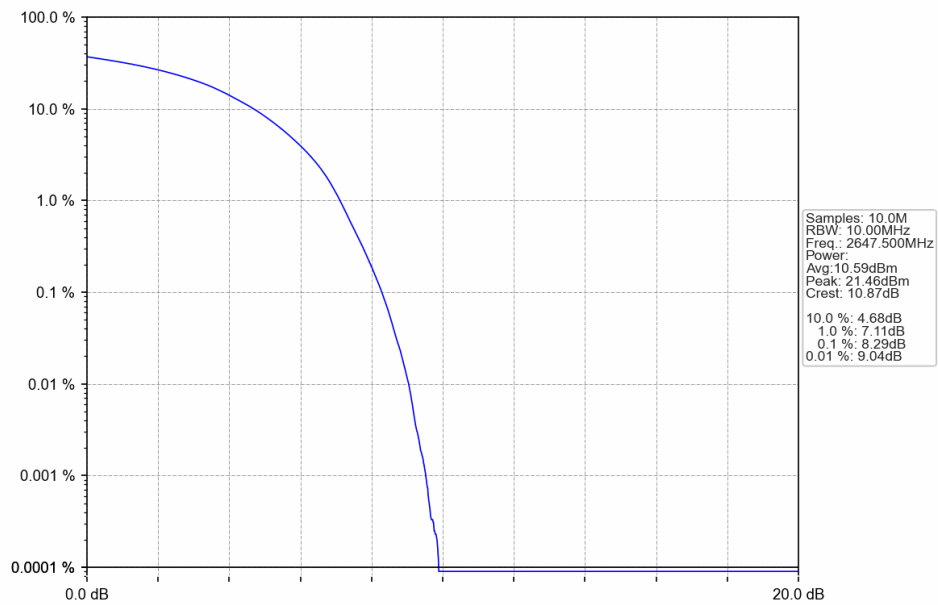
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



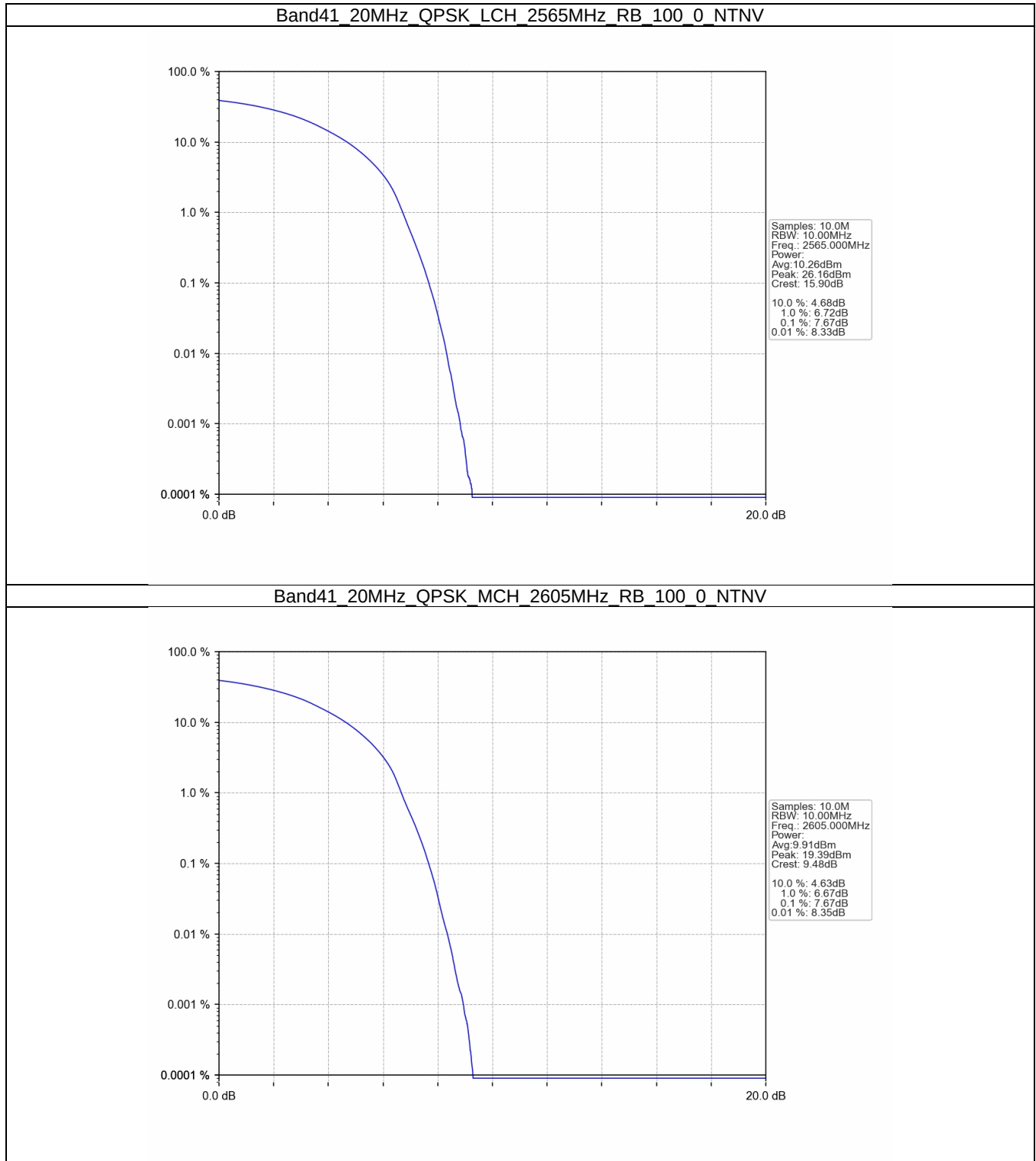
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



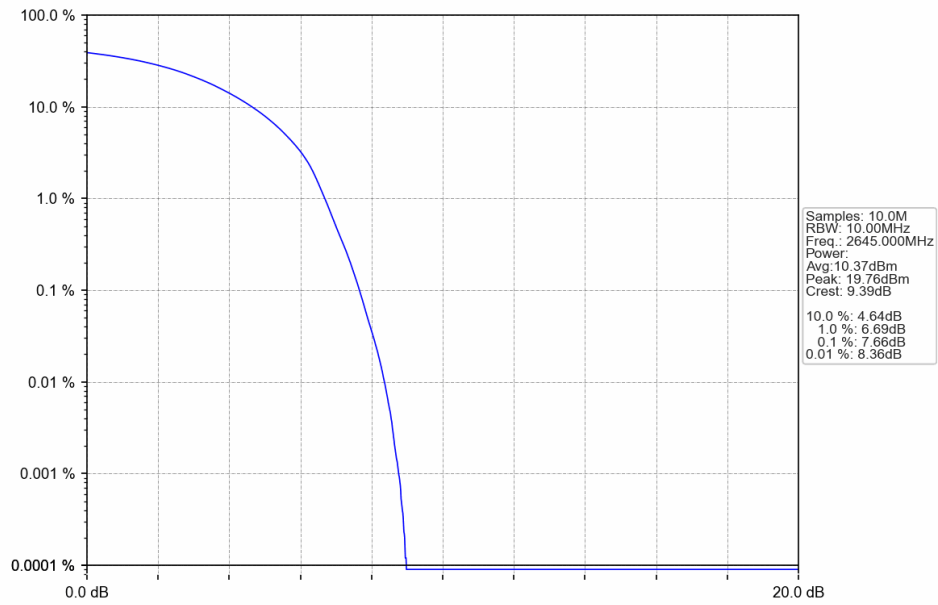
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



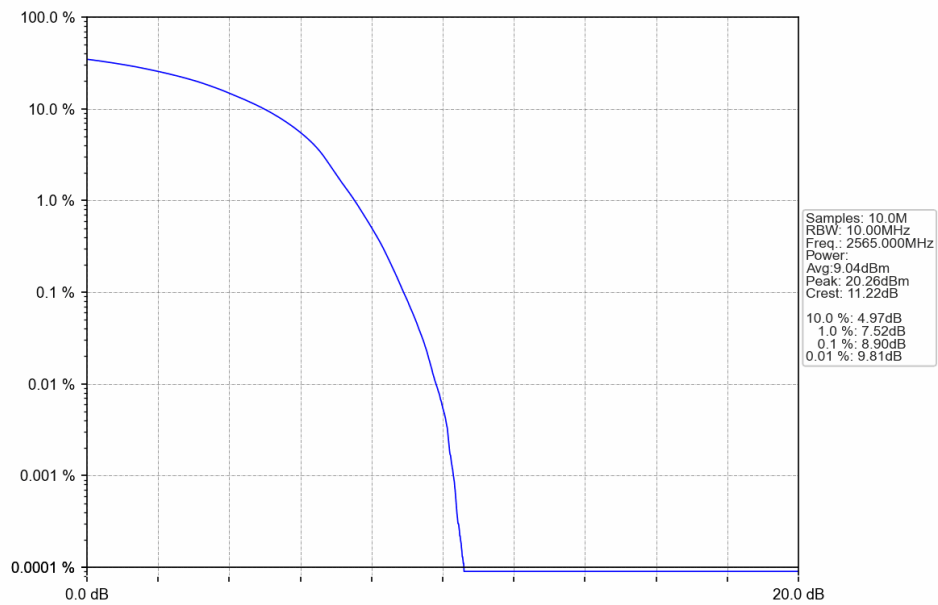
5.2.4 B41_20MHz



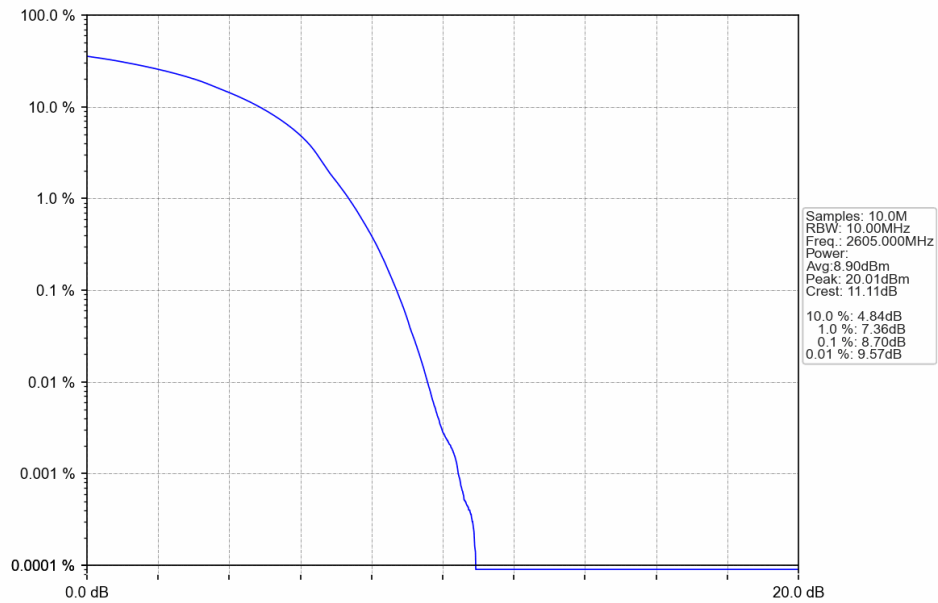
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



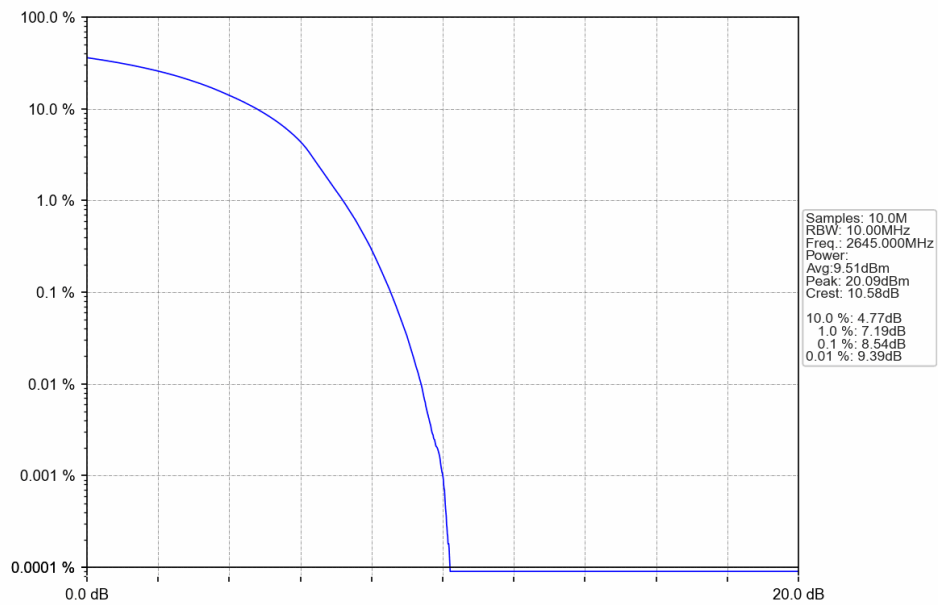
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2652.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	2557.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2652.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2560	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2650	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	2560	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2650	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2562.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
16QAM	2562.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

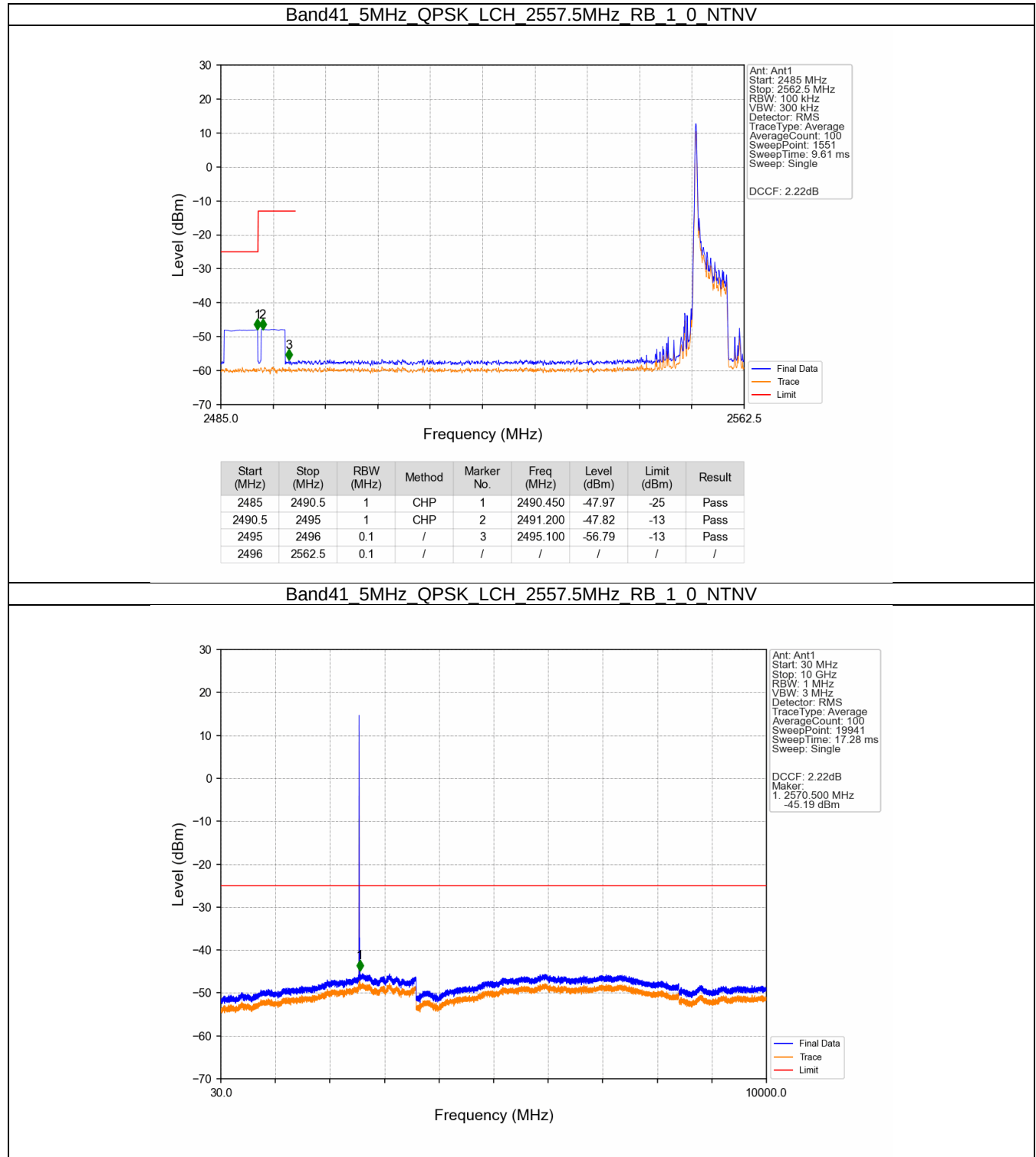
	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B41_20MHz

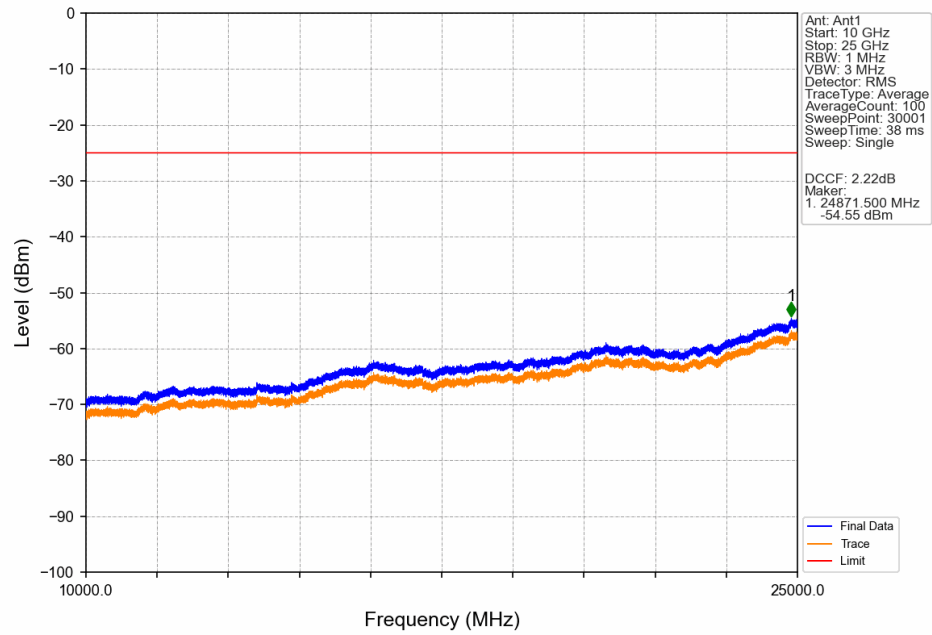
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

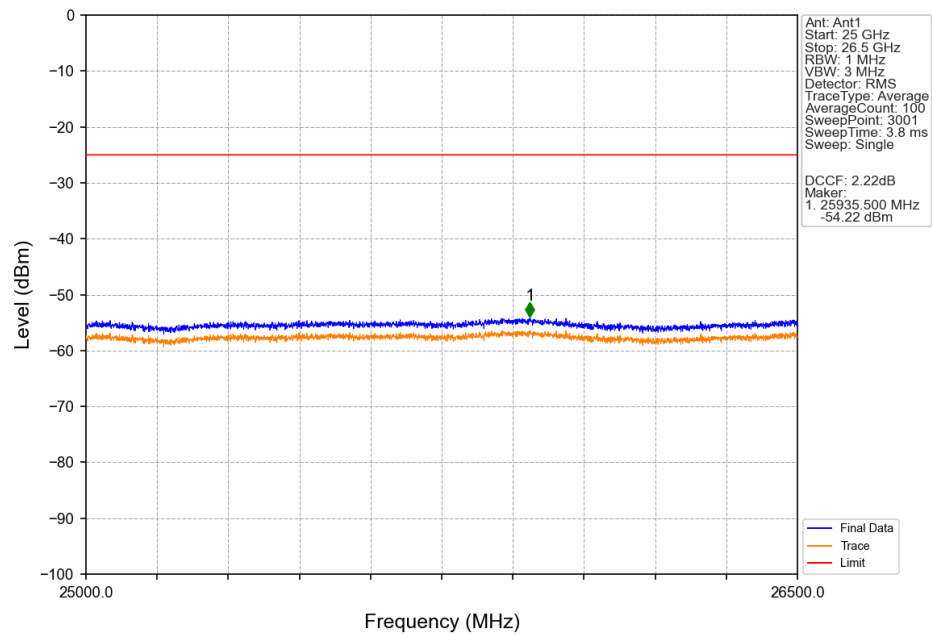
6.2.1 B41_5MHz



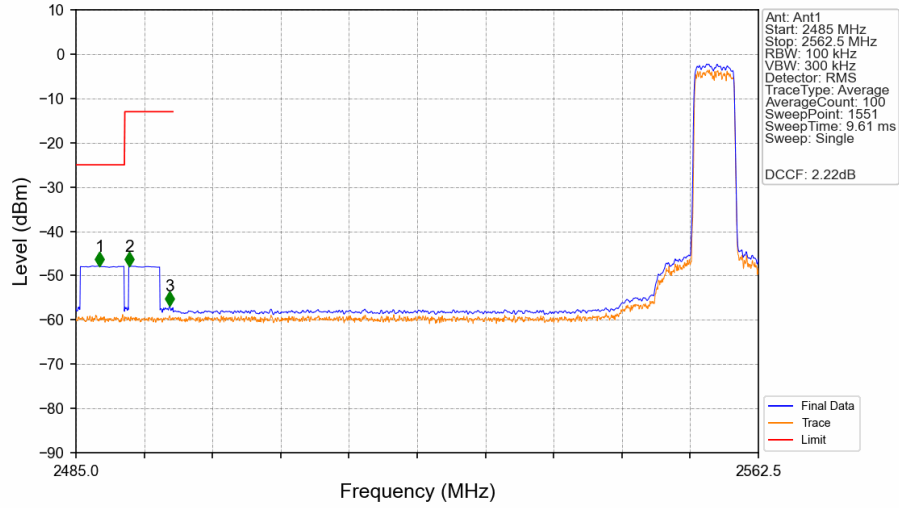
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

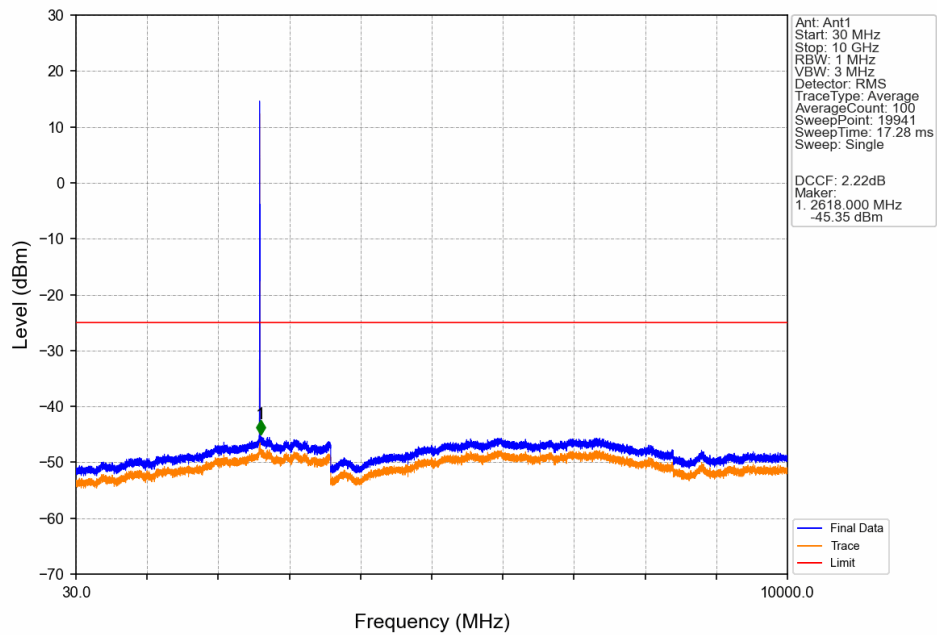


Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV

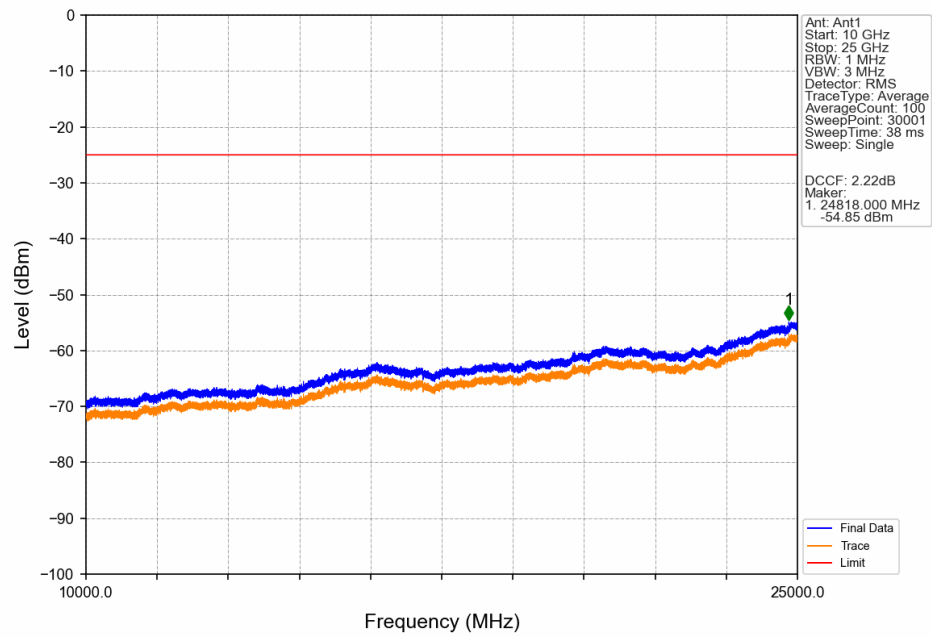


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.700	-47.84	-25	Pass
2490.5	2495	1	CHP	2	2491.050	-47.87	-13	Pass
2495	2496	0.1	/	3	2495.650	-56.84	-13	Pass
2496	2562.5	0.105	CHP	/	/	/	/	/

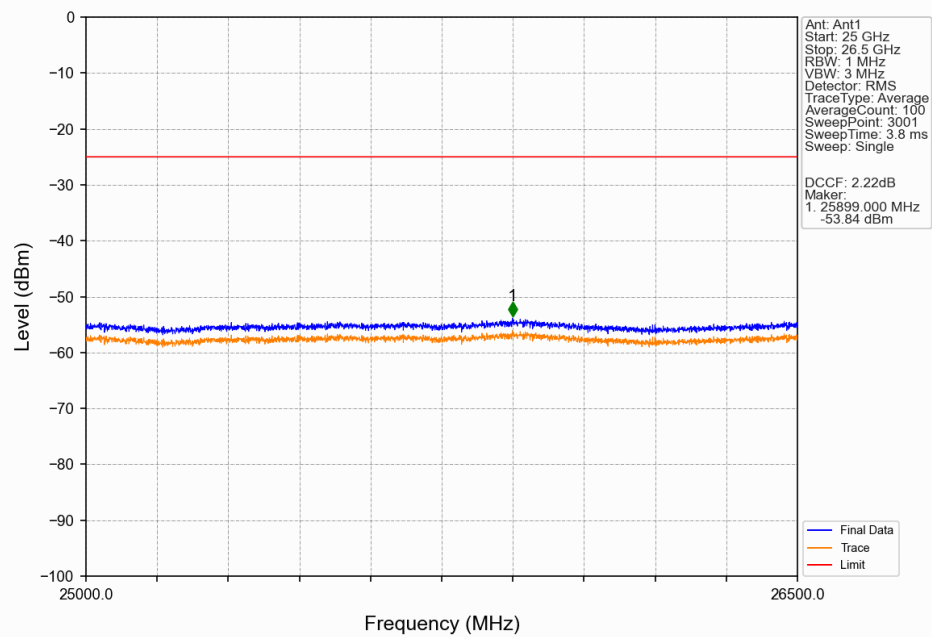
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



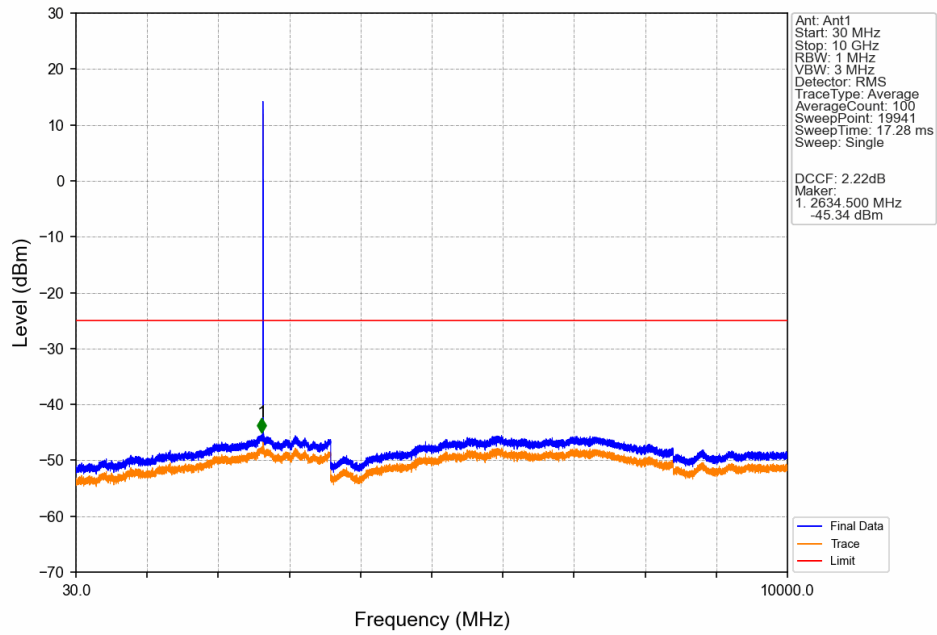
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



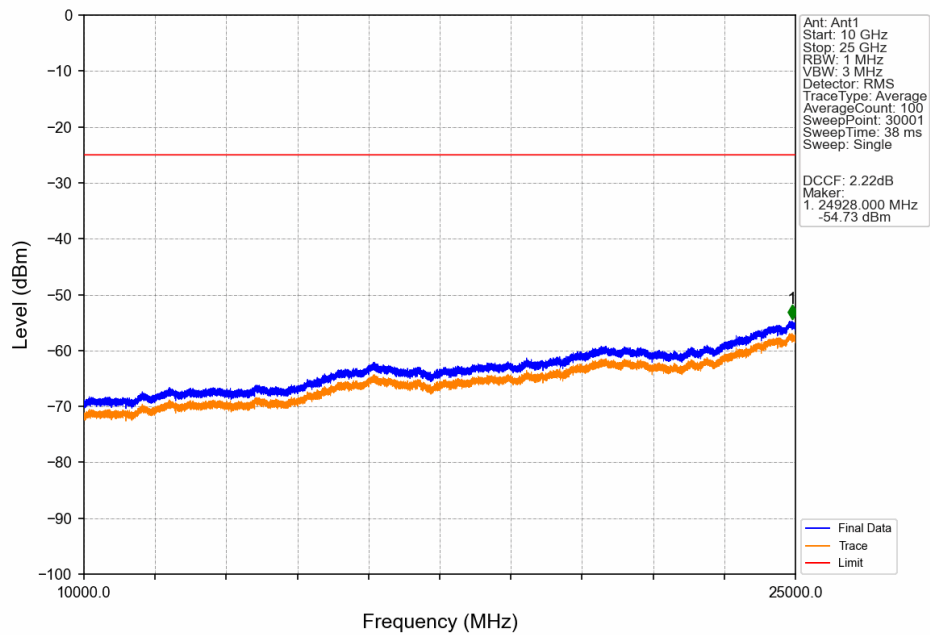
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



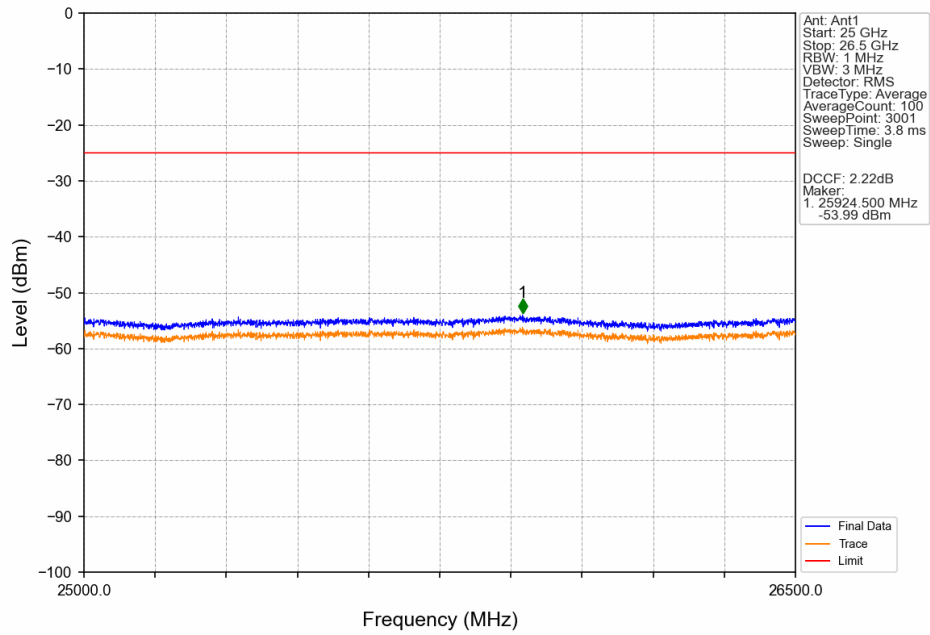
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



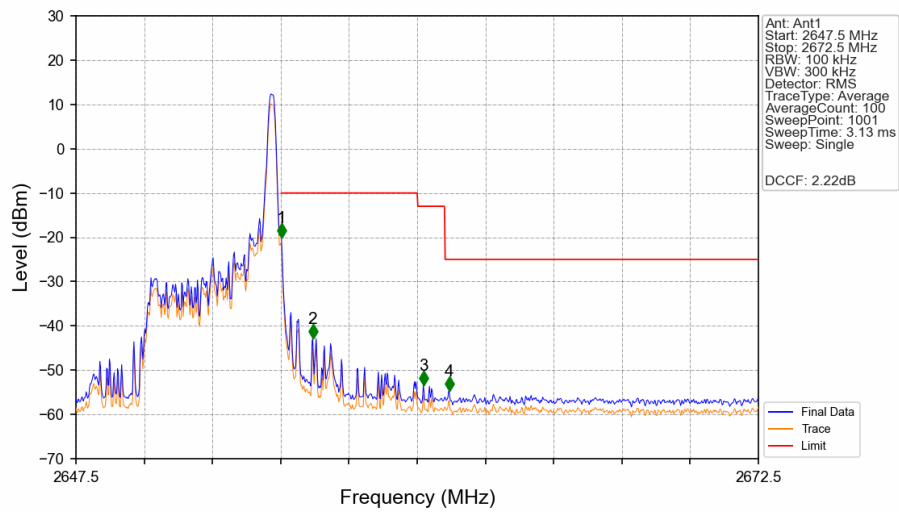
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV

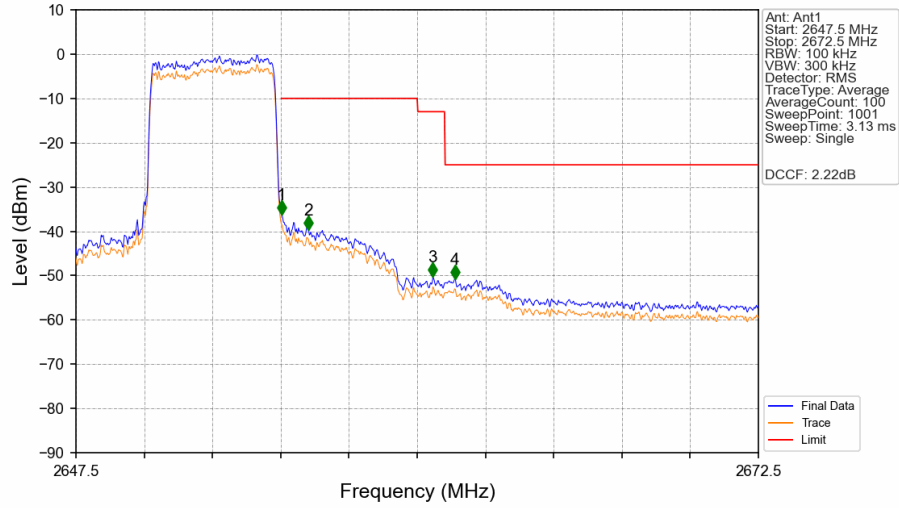


Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_24_NTNV



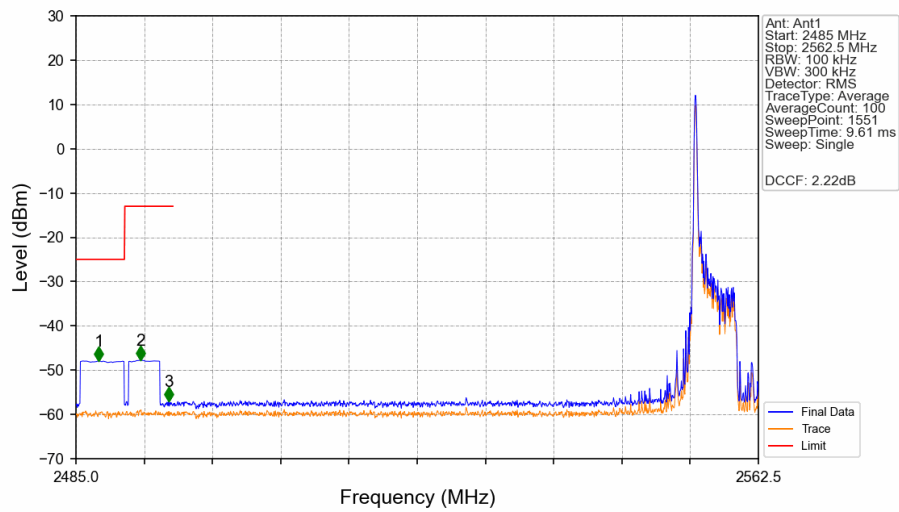
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.025	-20.00	-10	Pass
2656	2660	0.1	/	2	2656.175	-42.88	-10	Pass
2660	2661	0.1	/	3	2660.225	-53.30	-13	Pass
2661	2672.5	0.1	/	4	2661.175	-54.65	-25	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



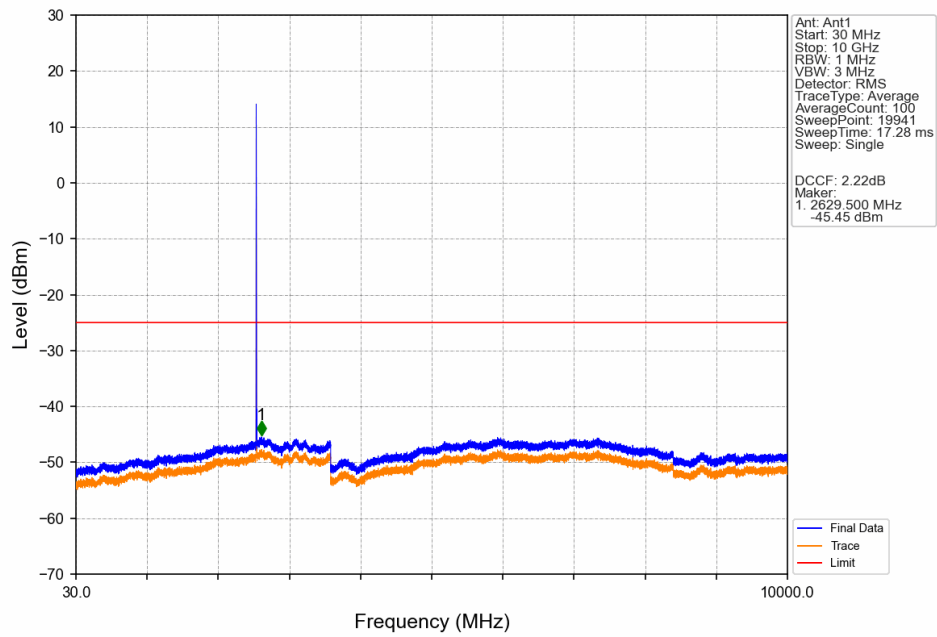
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.025	-36.20	-10	Pass
2656	2660	0.1	/	2	2656.025	-39.75	-10	Pass
2660	2661	0.1	/	3	2660.575	-50.32	-13	Pass
2661	2672.5	0.1	/	4	2661.375	-50.78	-25	Pass

Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

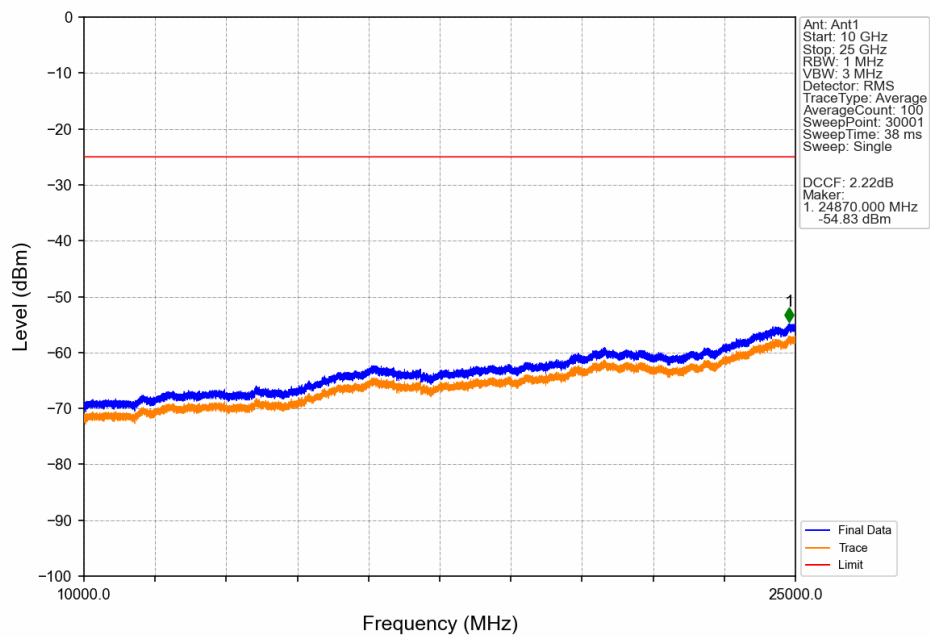


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.600	-47.93	-25	Pass
2490.5	2495	1	CHP	2	2492.300	-47.75	-13	Pass
2495	2496	0.1	/	3	2495.550	-57.08	-13	Pass
2496	2562.5	0.1	/	/	/	/	/	/

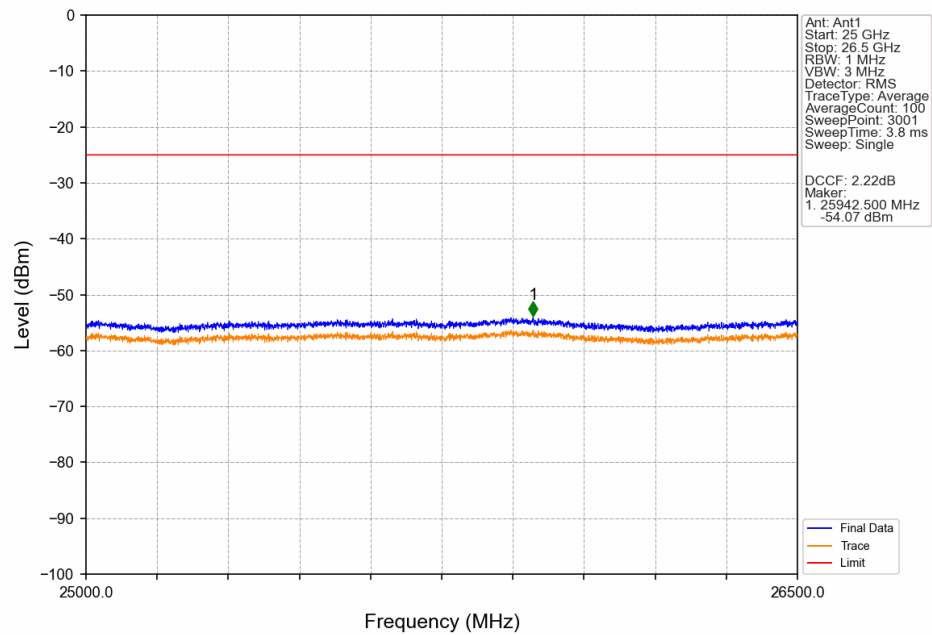
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



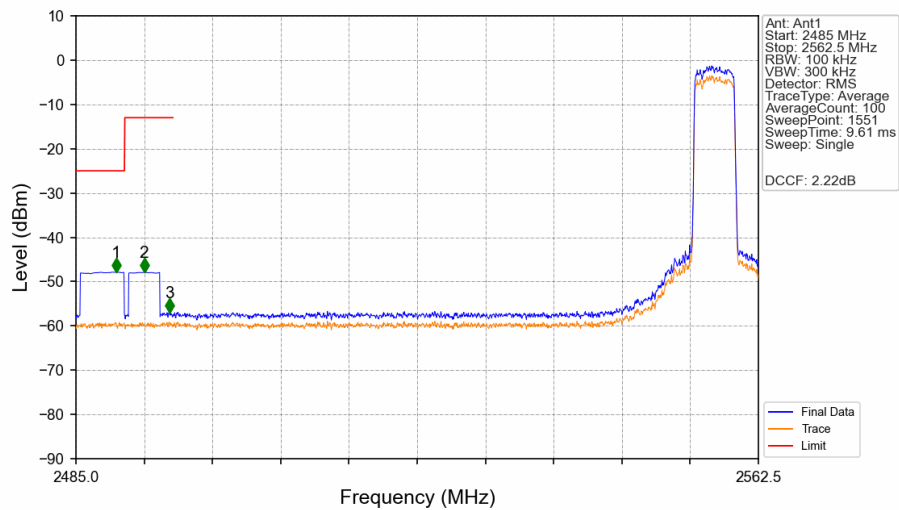
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

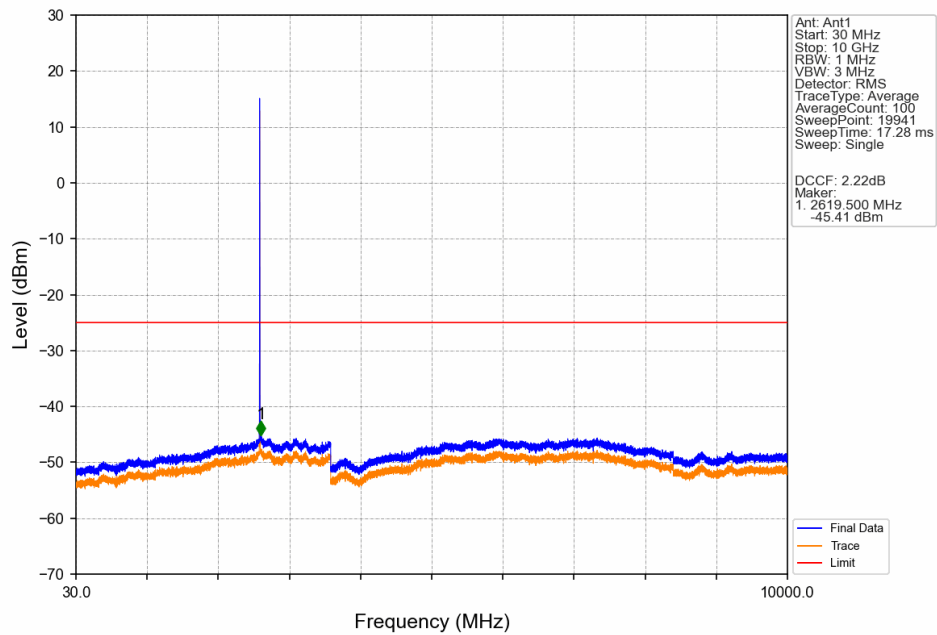


Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV

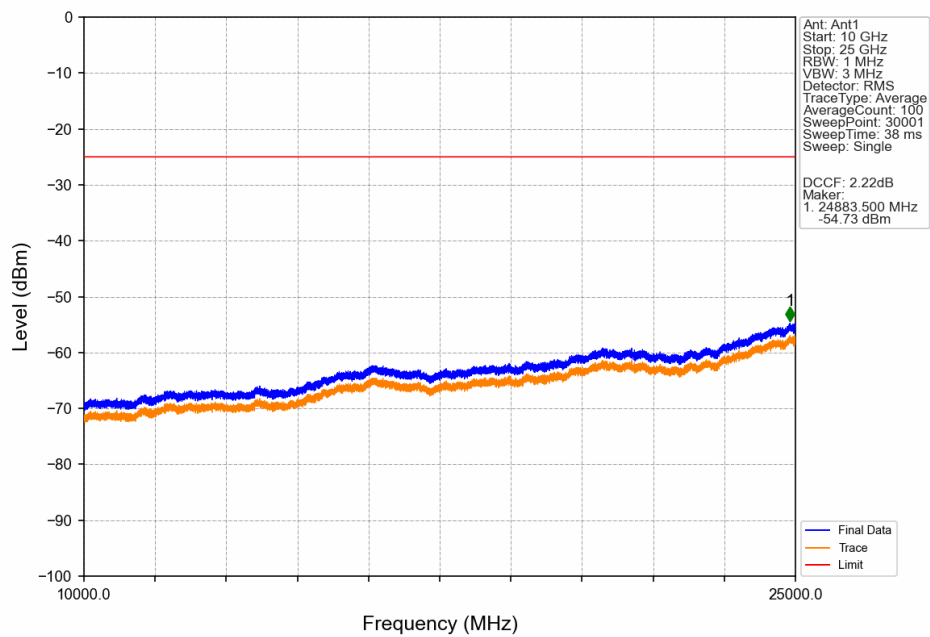


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.550	-47.86	-25	Pass
2490.5	2495	1	CHP	2	2492.750	-47.93	-13	Pass
2495	2496	0.1	/	3	2495.600	-56.94	-13	Pass
2496	2562.5	0.1	/	/	/	/	/	/

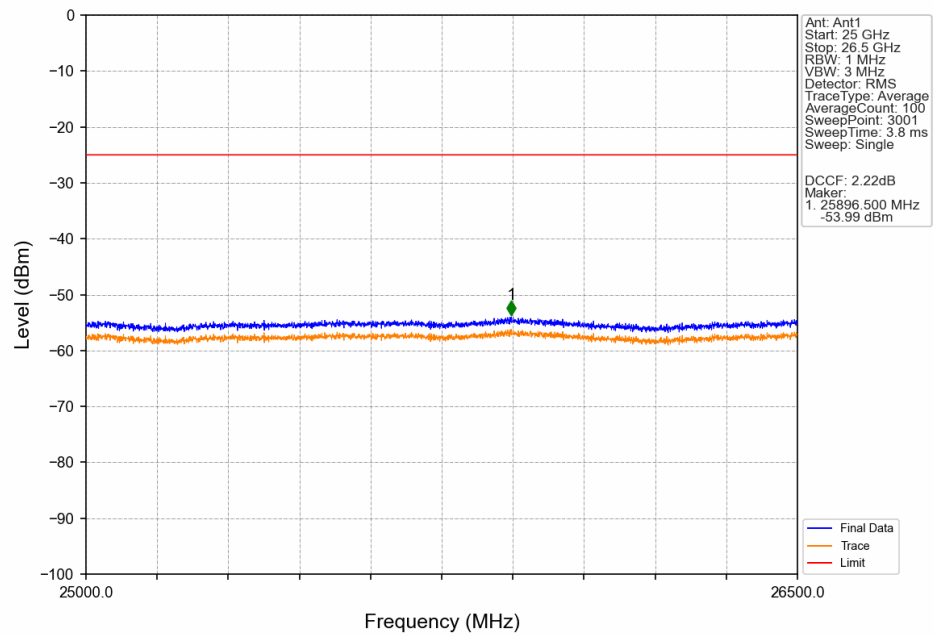
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



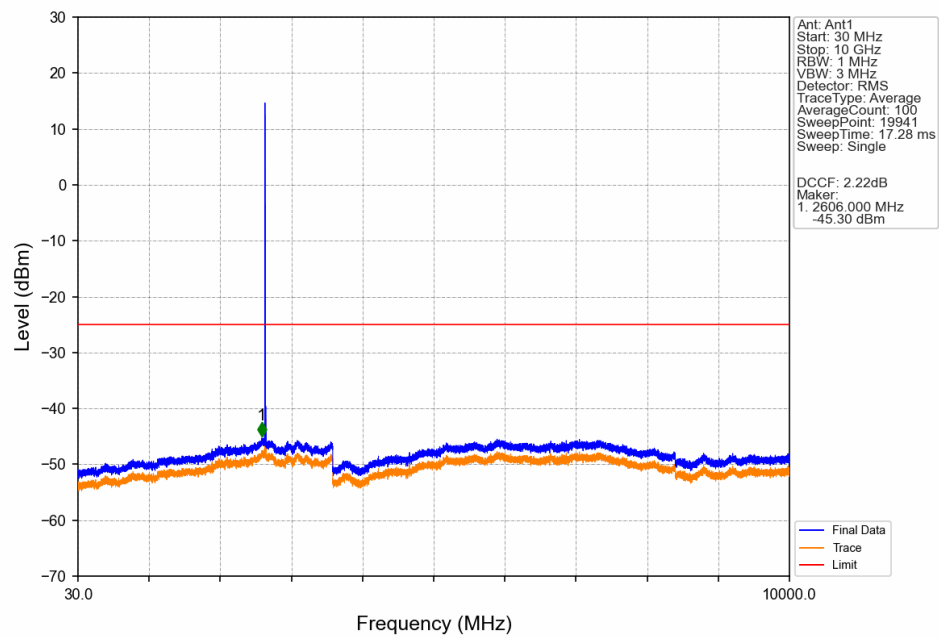
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



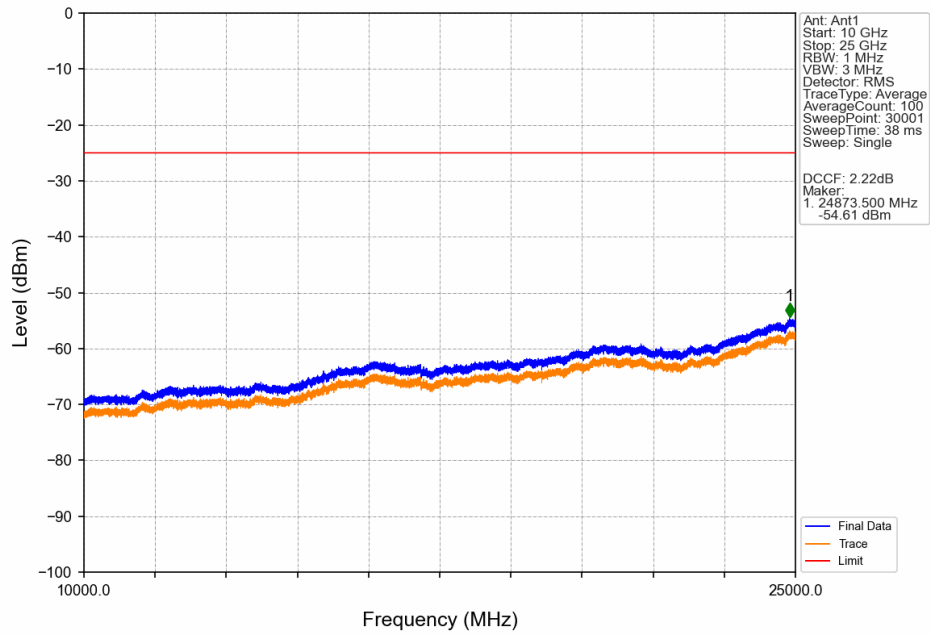
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



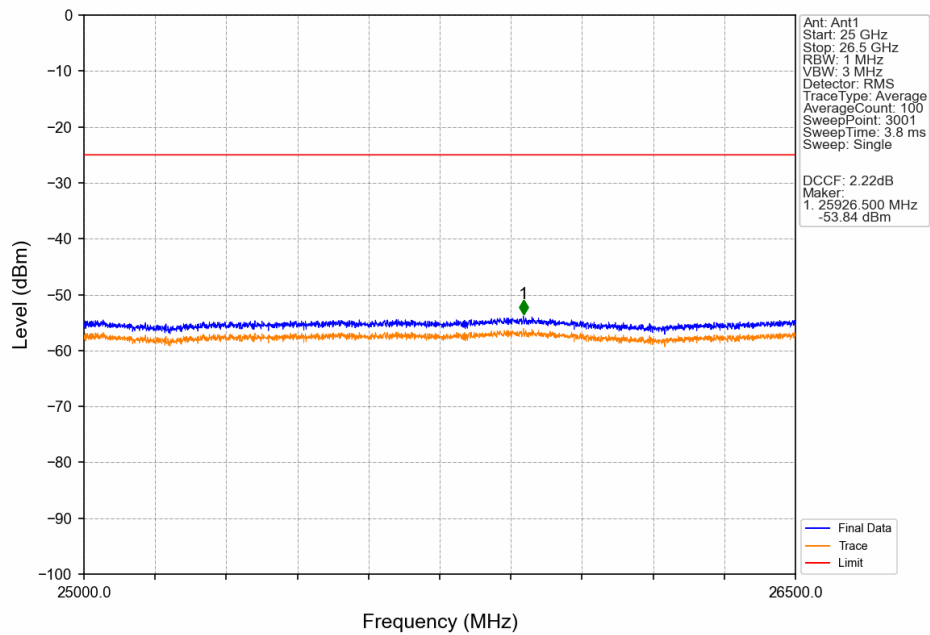
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



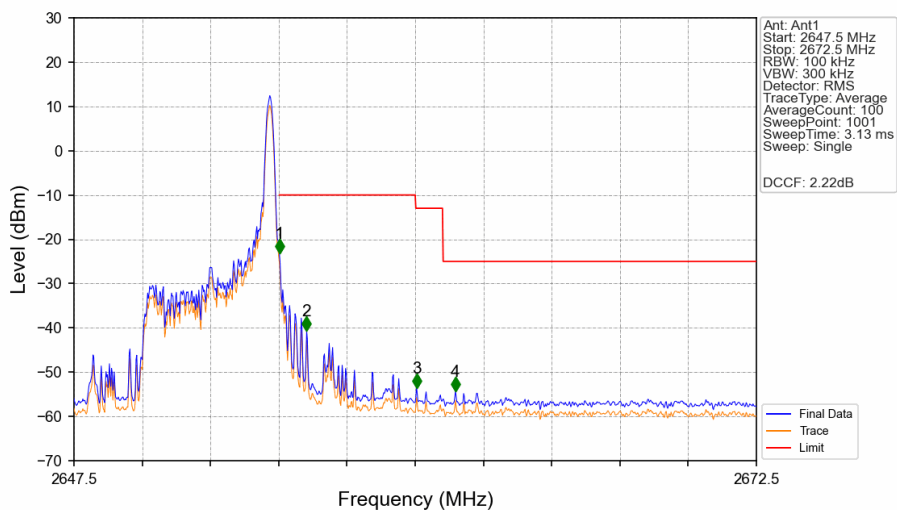
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV

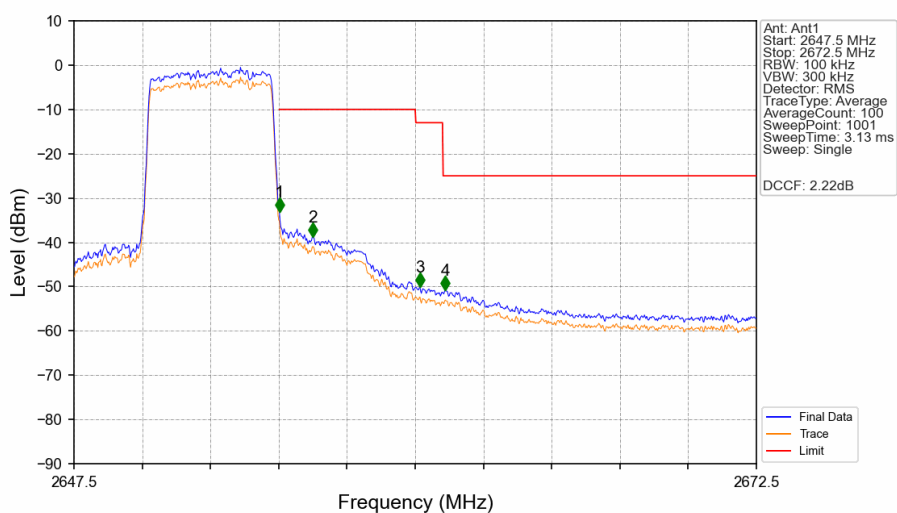


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.025	-23.14	-10	Pass
2656	2660	0.1	/	2	2656.025	-40.70	-10	Pass
2660	2661	0.1	/	3	2660.050	-53.51	-13	Pass
2661	2672.5	0.1	/	4	2661.475	-54.19	-25	Pass

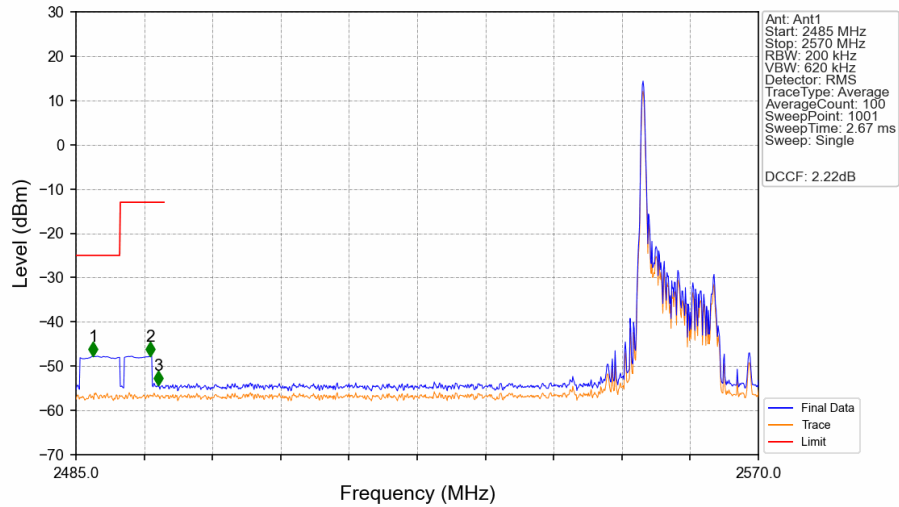
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.025	-33.06	-10	Pass
2656	2660	0.1	/	2	2656.250	-38.73	-10	Pass
2660	2661	0.1	/	3	2660.175	-50.13	-13	Pass
2661	2672.5	0.1	/	4	2661.100	-50.81	-25	Pass

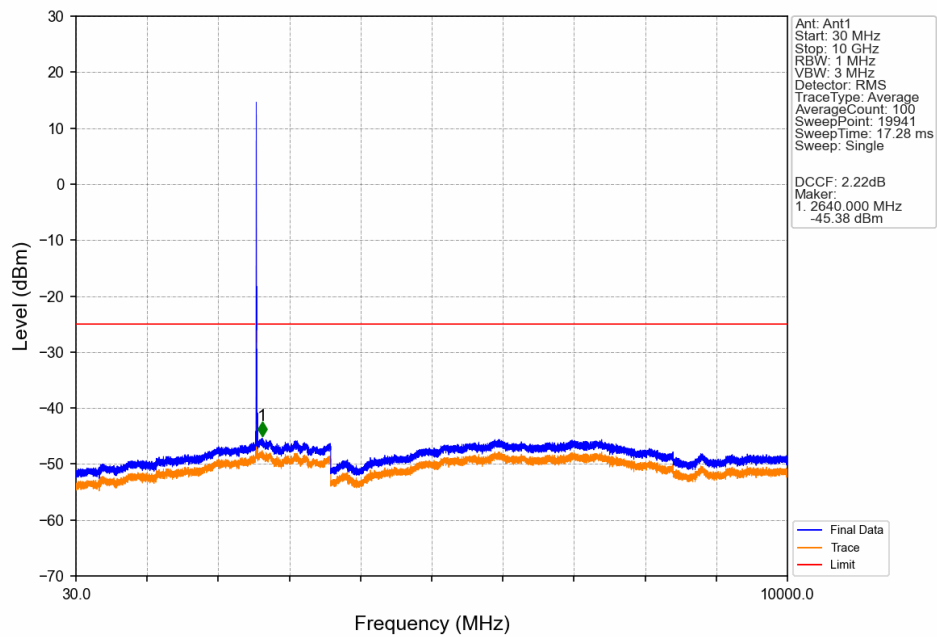
6.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV

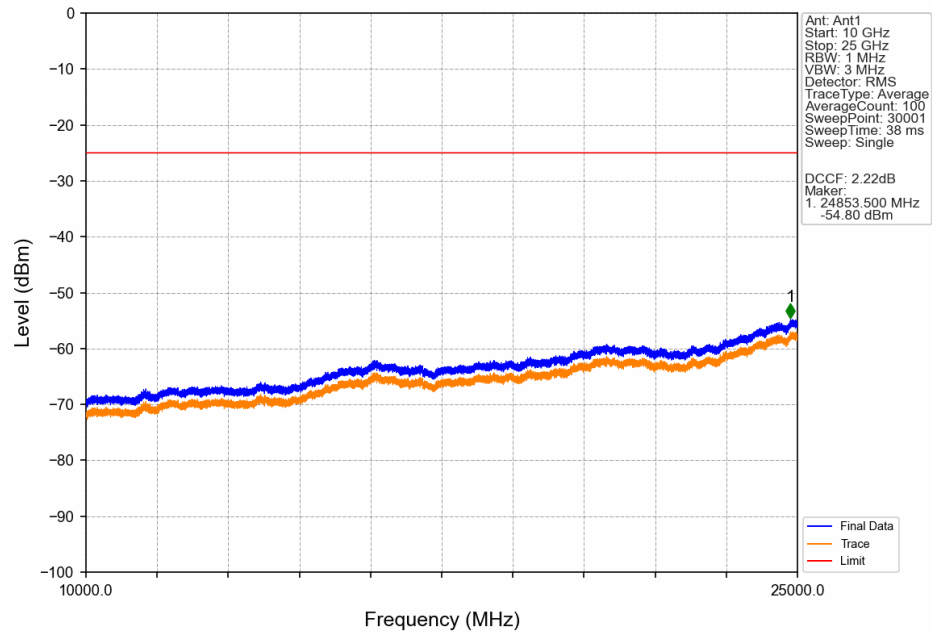


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.125	-47.76	-25	Pass
2490.5	2495	1	CHP	2	2494.265	-47.73	-13	Pass
2495	2496	0.2	/	3	2495.200	-54.21	-13	Pass
2496	2570	0.2	/	/	/	/	/	/

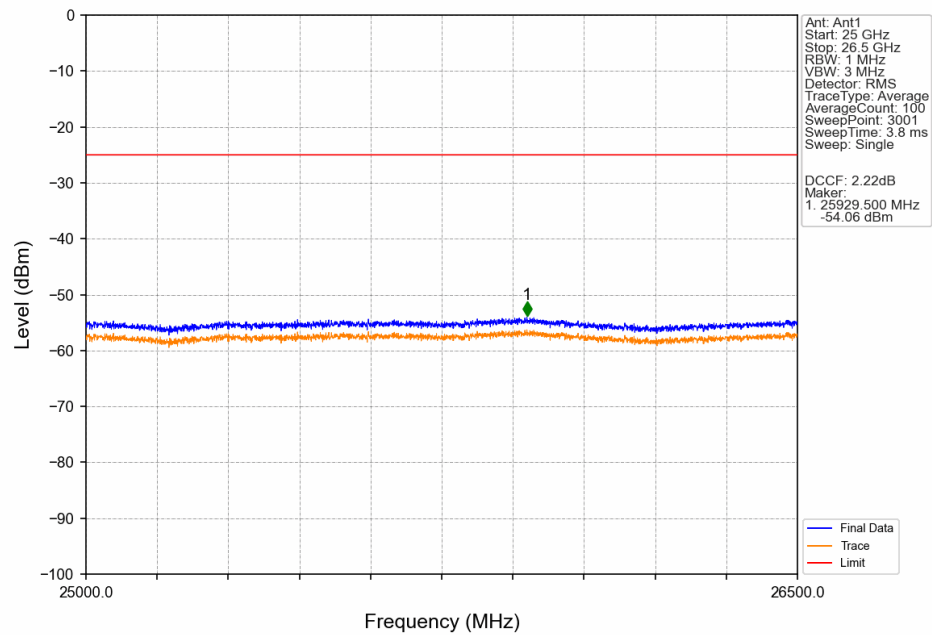
Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



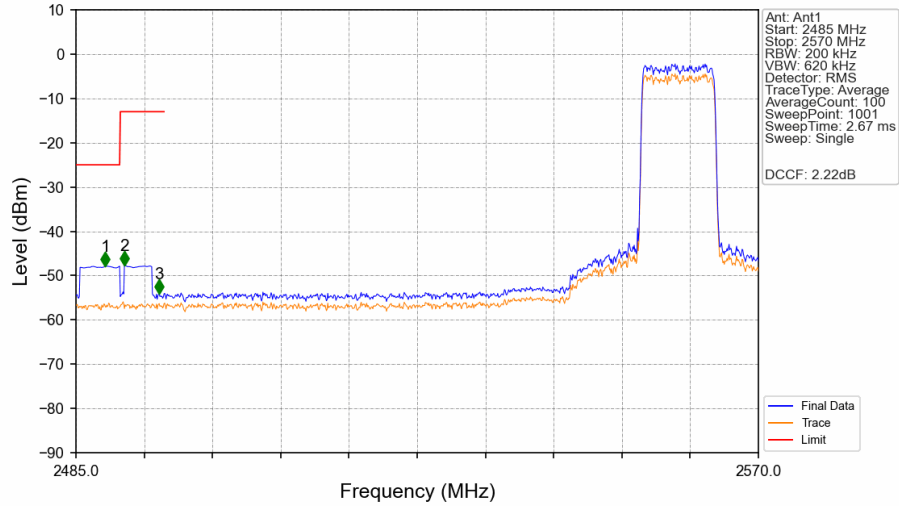
Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



Band41_10MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV

