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	21.02	0.93	21.95	<=33.01	Pass
			13	20.99	0.93	21.92	<=33.01	Pass
			24	20.90	0.93	21.83	<=33.01	Pass
		12	0	19.96	0.93	20.89	<=33.01	Pass
			6	19.94	0.93	20.87	<=33.01	Pass
			13	19.88	0.93	20.81	<=33.01	Pass
		25	0	19.88	0.93	20.81	<=33.01	Pass
	2593	1	0	19.90	0.93	20.83	<=33.01	Pass
			13	19.91	0.93	20.84	<=33.01	Pass
			24	20.03	0.93	20.96	<=33.01	Pass
		12	0	19.07	0.93	20.00	<=33.01	Pass
			6	19.06	0.93	19.99	<=33.01	Pass
			13	19.14	0.93	20.07	<=33.01	Pass
		25	0	19.14	0.93	20.07	<=33.01	Pass
	2687.5	1	0	20.57	0.93	21.50	<=33.01	Pass
			13	20.40	0.93	21.33	<=33.01	Pass
			24	20.48	0.93	21.41	<=33.01	Pass
		12	0	19.46	0.93	20.39	<=33.01	Pass
			6	19.54	0.93	20.47	<=33.01	Pass
			13	19.23	0.93	20.16	<=33.01	Pass
		25	0	19.42	0.93	20.35	<=33.01	Pass
16QAM	2498.5	1	0	20.19	0.93	21.12	<=33.01	Pass
			13	20.37	0.93	21.30	<=33.01	Pass
			24	19.97	0.93	20.90	<=33.01	Pass
		12	0	18.94	0.93	19.87	<=33.01	Pass
			6	18.90	0.93	19.83	<=33.01	Pass
			13	18.95	0.93	19.88	<=33.01	Pass
		25	0	19.00	0.93	19.93	<=33.01	Pass
	2593	1	0	20.31	0.93	21.24	<=33.01	Pass
			13	20.32	0.93	21.25	<=33.01	Pass
			24	20.43	0.93	21.36	<=33.01	Pass
		12	0	17.92	0.93	18.85	<=33.01	Pass
			6	18.13	0.93	19.06	<=33.01	Pass
			13	18.12	0.93	19.05	<=33.01	Pass
		25	0	18.30	0.93	19.23	<=33.01	Pass
	2687.5	1	0	20.14	0.93	21.07	<=33.01	Pass
			13	19.96	0.93	20.89	<=33.01	Pass
			24	19.96	0.93	20.89	<=33.01	Pass
		12	0	18.48	0.93	19.41	<=33.01	Pass
			6	18.48	0.93	19.41	<=33.01	Pass
			13	18.47	0.93	19.40	<=33.01	Pass
		25	0	18.68	0.93	19.61	<=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	20.91	0.93	21.84	<=33.01	Pass
			25	20.86	0.93	21.79	<=33.01	Pass
			49	20.68	0.93	21.61	<=33.01	Pass
		25	0	19.99	0.93	20.92	<=33.01	Pass
			13	19.78	0.93	20.71	<=33.01	Pass
			25	19.68	0.93	20.61	<=33.01	Pass
		50	0	19.79	0.93	20.72	<=33.01	Pass
	2593	1	0	19.99	0.93	20.92	<=33.01	Pass
			25	20.04	0.93	20.97	<=33.01	Pass
			49	20.23	0.93	21.16	<=33.01	Pass
		25	0	19.01	0.93	19.94	<=33.01	Pass
			13	18.98	0.93	19.91	<=33.01	Pass
			25	19.01	0.93	19.94	<=33.01	Pass
		50	0	19.00	0.93	19.93	<=33.01	Pass
	2685	1	0	20.44	0.93	21.37	<=33.01	Pass
			25	20.49	0.93	21.42	<=33.01	Pass
			49	20.42	0.93	21.35	<=33.01	Pass
		25	0	19.42	0.93	20.35	<=33.01	Pass
			13	19.42	0.93	20.35	<=33.01	Pass
			25	19.39	0.93	20.32	<=33.01	Pass
		50	0	19.47	0.93	20.40	<=33.01	Pass
16QAM	2501	1	0	20.63	0.93	21.56	<=33.01	Pass
			25	20.81	0.93	21.74	<=33.01	Pass
			49	20.38	0.93	21.31	<=33.01	Pass
		25	0	19.34	0.93	20.27	<=33.01	Pass
			13	19.26	0.93	20.19	<=33.01	Pass
			25	19.19	0.93	20.12	<=33.01	Pass
		50	0	18.96	0.93	19.89	<=33.01	Pass
	2593	1	0	20.39	0.93	21.32	<=33.01	Pass
			25	20.57	0.93	21.50	<=33.01	Pass
			49	20.60	0.93	21.53	<=33.01	Pass
		25	0	18.31	0.93	19.24	<=33.01	Pass
			13	18.29	0.93	19.22	<=33.01	Pass
			25	18.37	0.93	19.30	<=33.01	Pass
		50	0	18.43	0.93	19.36	<=33.01	Pass
	2685	1	0	20.39	0.93	21.32	<=33.01	Pass
			25	20.23	0.93	21.16	<=33.01	Pass
			49	20.15	0.93	21.08	<=33.01	Pass
		25	0	18.64	0.93	19.57	<=33.01	Pass
			13	18.65	0.93	19.58	<=33.01	Pass
			25	18.51	0.93	19.44	<=33.01	Pass
		50	0	18.66	0.93	19.59	<=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	21.02	0.93	21.95	<=33.01	Pass
			38	20.73	0.93	21.66	<=33.01	Pass
			74	20.62	0.93	21.55	<=33.01	Pass
		36	0	19.80	0.93	20.73	<=33.01	Pass
			18	19.69	0.93	20.62	<=33.01	Pass
			39	19.75	0.93	20.68	<=33.01	Pass

		75	0	19.79	0.93	20.72	<=33.01	Pass
	2593	1	0	19.95	0.93	20.88	<=33.01	Pass
			38	20.16	0.93	21.09	<=33.01	Pass
			74	20.27	0.93	21.20	<=33.01	Pass
		36	0	18.99	0.93	19.92	<=33.01	Pass
			18	19.10	0.93	20.03	<=33.01	Pass
			39	19.25	0.93	20.18	<=33.01	Pass
		75	0	19.06	0.93	19.99	<=33.01	Pass
	2682.5	1	0	20.72	0.93	21.65	<=33.01	Pass
			38	20.49	0.93	21.42	<=33.01	Pass
			74	20.44	0.93	21.37	<=33.01	Pass
		36	0	19.51	0.93	20.44	<=33.01	Pass
			18	19.54	0.93	20.47	<=33.01	Pass
			39	19.42	0.93	20.35	<=33.01	Pass
		75	0	19.58	0.93	20.51	<=33.01	Pass
16QAM	2503.5	1	0	20.83	0.93	21.76	<=33.01	Pass
			38	20.63	0.93	21.56	<=33.01	Pass
			74	20.53	0.93	21.46	<=33.01	Pass
		36	0	19.01	0.93	19.94	<=33.01	Pass
			18	18.99	0.93	19.92	<=33.01	Pass
			39	18.86	0.93	19.79	<=33.01	Pass
		75	0	18.82	0.93	19.75	<=33.01	Pass
	2593	1	0	20.49	0.93	21.42	<=33.01	Pass
			38	20.61	0.93	21.54	<=33.01	Pass
			74	20.75	0.93	21.68	<=33.01	Pass
		36	0	18.18	0.93	19.11	<=33.01	Pass
			18	18.18	0.93	19.11	<=33.01	Pass
			39	18.28	0.93	19.21	<=33.01	Pass
		75	0	18.29	0.93	19.22	<=33.01	Pass
	2682.5	1	0	20.31	0.93	21.24	<=33.01	Pass
			38	20.24	0.93	21.17	<=33.01	Pass
			74	20.05	0.93	20.98	<=33.01	Pass
		36	0	18.68	0.93	19.61	<=33.01	Pass
			18	18.65	0.93	19.58	<=33.01	Pass
			39	18.71	0.93	19.64	<=33.01	Pass
		75	0	18.68	0.93	19.61	<=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	21.01	0.93	21.94	<=33.01	Pass
			50	20.93	0.93	21.86	<=33.01	Pass
			99	20.67	0.93	21.60	<=33.01	Pass
		50	0	19.77	0.93	20.70	<=33.01	Pass
			25	19.71	0.93	20.64	<=33.01	Pass
			50	19.52	0.93	20.45	<=33.01	Pass
		100	0	19.75	0.93	20.68	<=33.01	Pass
	2593	1	0	19.86	0.93	20.79	<=33.01	Pass
			50	20.12	0.93	21.05	<=33.01	Pass
			99	20.24	0.93	21.17	<=33.01	Pass
		50	0	19.03	0.93	19.96	<=33.01	Pass
			25	18.97	0.93	19.90	<=33.01	Pass
			50	19.22	0.93	20.15	<=33.01	Pass
		100	0	19.05	0.93	19.98	<=33.01	Pass

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	2680	1	0	20.66	0.93	21.59	<=33.01	Pass
			50	20.49	0.93	21.42	<=33.01	Pass
			99	20.31	0.93	21.24	<=33.01	Pass
		50	0	19.70	0.93	20.63	<=33.01	Pass
			25	19.63	0.93	20.56	<=33.01	Pass
			50	19.49	0.93	20.42	<=33.01	Pass
		100	0	19.50	0.93	20.43	<=33.01	Pass
16QAM	2506	1	0	21.32	0.93	22.25	<=33.01	Pass
			50	21.09	0.93	22.02	<=33.01	Pass
			99	20.75	0.93	21.68	<=33.01	Pass
		50	0	19.00	0.93	19.93	<=33.01	Pass
			25	18.93	0.93	19.86	<=33.01	Pass
			50	18.73	0.93	19.66	<=33.01	Pass
		100	0	18.90	0.93	19.83	<=33.01	Pass
	2593	1	0	19.40	0.93	20.33	<=33.01	Pass
			50	19.70	0.93	20.63	<=33.01	Pass
			99	19.74	0.93	20.67	<=33.01	Pass
		50	0	18.24	0.93	19.17	<=33.01	Pass
			25	18.36	0.93	19.29	<=33.01	Pass
			50	18.34	0.93	19.27	<=33.01	Pass
		100	0	18.17	0.93	19.10	<=33.01	Pass
	2680	1	0	21.11	0.93	22.04	<=33.01	Pass
			50	20.92	0.93	21.85	<=33.01	Pass
			99	20.58	0.93	21.51	<=33.01	Pass
		50	0	18.96	0.93	19.89	<=33.01	Pass
			25	18.81	0.93	19.74	<=33.01	Pass
			50	18.74	0.93	19.67	<=33.01	Pass
		100	0	18.69	0.93	19.62	<=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	31.457	0.0126	-2.5 to 2.5	Pass
					3.85	20.542	0.0082	-2.5 to 2.5	Pass
					4.43	18.811	0.0075	-2.5 to 2.5	Pass
				-30	3.85	42.987	0.0172	-2.5 to 2.5	Pass
				-20	3.85	25.320	0.0101	-2.5 to 2.5	Pass
				-10	3.85	-2.589	-0.0010	-2.5 to 2.5	Pass
				0	3.85	30.942	0.0124	-2.5 to 2.5	Pass
				10	3.85	12.932	0.0052	-2.5 to 2.5	Pass
				30	3.85	47.879	0.0192	-2.5 to 2.5	Pass
				40	3.85	4.063	0.0016	-2.5 to 2.5	Pass
				50	3.85	22.860	0.0091	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	7.811	0.0030	-2.5 to 2.5	Pass
					3.85	21.958	0.0085	-2.5 to 2.5	Pass
					4.43	-18.125	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-21.544	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-9.956	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-20.299	-0.0078	-2.5 to 2.5	Pass

				0	3.85	-19.526	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-37.293	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-28.539	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-13.747	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-25.349	-0.0098	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	4.120	0.0015	-2.5 to 2.5	Pass
					3.85	38.953	0.0145	-2.5 to 2.5	Pass
					4.43	41.828	0.0156	-2.5 to 2.5	Pass
				-30	3.85	8.841	0.0033	-2.5 to 2.5	Pass
				-20	3.85	26.922	0.0100	-2.5 to 2.5	Pass
				-10	3.85	8.512	0.0032	-2.5 to 2.5	Pass
				0	3.85	17.037	0.0063	-2.5 to 2.5	Pass
				10	3.85	36.407	0.0135	-2.5 to 2.5	Pass
				30	3.85	-25.620	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-31.500	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0012	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	37.951	0.0152	-2.5 to 2.5	Pass
					3.85	25.249	0.0101	-2.5 to 2.5	Pass
					4.43	45.977	0.0184	-2.5 to 2.5	Pass
				-30	3.85	36.650	0.0147	-2.5 to 2.5	Pass
				-20	3.85	18.368	0.0074	-2.5 to 2.5	Pass
				-10	3.85	24.319	0.0097	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	46.949	0.0188	-2.5 to 2.5	Pass
				30	3.85	36.535	0.0146	-2.5 to 2.5	Pass
				40	3.85	46.134	0.0185	-2.5 to 2.5	Pass
				50	3.85	-31.629	-0.0127	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-23.561	-0.0091	-2.5 to 2.5	Pass
					3.85	21.515	0.0083	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	5.665	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	8.111	0.0031	-2.5 to 2.5	Pass
				0	3.85	35.219	0.0136	-2.5 to 2.5	Pass
				10	3.85	14.277	0.0055	-2.5 to 2.5	Pass
				30	3.85	-14.520	-0.0056	-2.5 to 2.5	Pass
				40	3.85	19.012	0.0073	-2.5 to 2.5	Pass
				50	3.85	25.764	0.0099	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-2.303	-0.0009	-2.5 to 2.5	Pass
					3.85	26.035	0.0097	-2.5 to 2.5	Pass
					4.43	29.540	0.0110	-2.5 to 2.5	Pass
				-30	3.85	41.013	0.0153	-2.5 to 2.5	Pass
				-20	3.85	18.497	0.0069	-2.5 to 2.5	Pass
				-10	3.85	33.574	0.0125	-2.5 to 2.5	Pass
				0	3.85	11.401	0.0042	-2.5 to 2.5	Pass
				10	3.85	36.936	0.0137	-2.5 to 2.5	Pass
				30	3.85	-11.473	-0.0043	-2.5 to 2.5	Pass
				40	3.85	7.811	0.0029	-2.5 to 2.5	Pass
				50	3.85	33.717	0.0125	-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	-29.197	-0.0117	-2.5 to 2.5	Pass
					3.85	-38.495	-0.0154	-2.5 to 2.5	Pass

					4.43	-41.456	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-12.803	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-31.428	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-35.477	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.359	0.0005	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-26.236	-0.0105	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-11.873	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.795	-0.0026	-2.5 to 2.5	Pass
					4.43	-38.681	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-29.898	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-36.020	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-39.582	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-27.781	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-39.468	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-13.118	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.567	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	28.095	0.0105	-2.5 to 2.5	Pass
					3.85	10.858	0.0040	-2.5 to 2.5	Pass
					4.43	28.253	0.0105	-2.5 to 2.5	Pass
				-30	3.85	34.962	0.0130	-2.5 to 2.5	Pass
				-20	3.85	27.351	0.0102	-2.5 to 2.5	Pass
				-10	3.85	15.092	0.0056	-2.5 to 2.5	Pass
				0	3.85	31.586	0.0118	-2.5 to 2.5	Pass
				10	3.85	16.422	0.0061	-2.5 to 2.5	Pass
				30	3.85	31.943	0.0119	-2.5 to 2.5	Pass
				40	3.85	25.778	0.0096	-2.5 to 2.5	Pass
				50	3.85	16.193	0.0060	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-20.471	-0.0082	-2.5 to 2.5	Pass
					3.85	-26.793	-0.0107	-2.5 to 2.5	Pass
					4.43	31.915	0.0128	-2.5 to 2.5	Pass
				-30	3.85	26.121	0.0104	-2.5 to 2.5	Pass
				-20	3.85	43.659	0.0175	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				0	3.85	-29.655	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0009	-2.5 to 2.5	Pass
				30	3.85	22.531	0.0090	-2.5 to 2.5	Pass
				40	3.85	28.539	0.0114	-2.5 to 2.5	Pass
				50	3.85	10.729	0.0043	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-12.918	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.208	-0.0024	-2.5 to 2.5	Pass
					4.43	30.799	0.0119	-2.5 to 2.5	Pass
				-30	3.85	5.894	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-24.962	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	10.629	0.0041	-2.5 to 2.5	Pass
				0	3.85	10.772	0.0042	-2.5 to 2.5	Pass
				10	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				30	3.85	11.015	0.0042	-2.5 to 2.5	Pass
				40	3.85	23.360	0.0090	-2.5 to 2.5	Pass
				50	3.85	33.860	0.0131	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	41.027	0.0153	-2.5 to 2.5	Pass
					3.85	33.517	0.0125	-2.5 to 2.5	Pass
					4.43	30.198	0.0112	-2.5 to 2.5	Pass
				-30	3.85	38.738	0.0144	-2.5 to 2.5	Pass
				-20	3.85	31.414	0.0117	-2.5 to 2.5	Pass
				-10	3.85	18.482	0.0069	-2.5 to 2.5	Pass

				0	3.85	26.593	0.0099	-2.5 to 2.5	Pass
				10	3.85	-22.745	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-38.381	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-26.450	-0.0099	-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	-31.557	-0.0126	-2.5 to 2.5	Pass
					3.85	-35.276	-0.0141	-2.5 to 2.5	Pass
					4.43	-30.441	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-26.851	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-36.206	-0.0145	-2.5 to 2.5	Pass
				-10	3.85	-31.543	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-27.123	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-32.759	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-37.909	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-37.150	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0015	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	9.556	0.0037	-2.5 to 2.5	Pass
					3.85	-38.252	-0.0148	-2.5 to 2.5	Pass
					4.43	-41.199	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-8.798	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-38.638	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-35.291	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-23.632	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-47.793	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-37.808	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-6.924	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-38.080	-0.0147	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-44.360	-0.0165	-2.5 to 2.5	Pass
					3.85	-42.443	-0.0158	-2.5 to 2.5	Pass
					4.43	-14.520	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-40.927	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-19.140	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-44.403	-0.0166	-2.5 to 2.5	Pass
				0	3.85	-27.380	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-41.299	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-36.378	-0.0136	-2.5 to 2.5	Pass
				40	3.85	-38.295	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-23.417	-0.0087	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-41.242	-0.0165	-2.5 to 2.5	Pass
					3.85	-18.768	-0.0075	-2.5 to 2.5	Pass
					4.43	-14.563	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-21.729	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-43.316	-0.0173	-2.5 to 2.5	Pass
				-10	3.85	-30.227	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-39.067	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-33.188	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-9.441	-0.0038	-2.5 to 2.5	Pass
				40	3.85	2.961	0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0013	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-35.791	-0.0138	-2.5 to 2.5	Pass
					3.85	-28.954	-0.0112	-2.5 to 2.5	Pass

					4.43	-3.791	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	28.782	0.0111	-2.5 to 2.5	Pass
				-20	3.85	27.337	0.0105	-2.5 to 2.5	Pass
				-10	3.85	16.279	0.0063	-2.5 to 2.5	Pass
				0	3.85	24.962	0.0096	-2.5 to 2.5	Pass
				10	3.85	15.435	0.0060	-2.5 to 2.5	Pass
				30	3.85	30.499	0.0118	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-38.853	-0.0150	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-26.178	-0.0098	-2.5 to 2.5	Pass
					3.85	17.753	0.0066	-2.5 to 2.5	Pass
					4.43	12.503	0.0047	-2.5 to 2.5	Pass
				-30	3.85	-44.246	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-20.900	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	26.979	0.0101	-2.5 to 2.5	Pass
				0	3.85	14.048	0.0052	-2.5 to 2.5	Pass
				10	3.85	16.422	0.0061	-2.5 to 2.5	Pass
				30	3.85	-15.392	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-23.489	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-27.866	-0.0104	-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	-36.449	-0.0145	-2.5 to 2.5	Pass
					3.85	-27.723	-0.0111	-2.5 to 2.5	Pass
					4.43	-36.535	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-27.995	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-33.345	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-30.684	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-18.067	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-37.537	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-35.319	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-17.967	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-20.041	-0.0080	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	1.731	0.0007	-2.5 to 2.5	Pass
					3.85	-34.604	-0.0133	-2.5 to 2.5	Pass
					4.43	-43.173	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-38.309	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-36.378	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-36.478	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-34.761	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-37.966	-0.0146	-2.5 to 2.5	Pass
				30	3.85	-37.537	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-33.860	-0.0131	-2.5 to 2.5	Pass
				50	3.85	6.194	0.0024	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	15.221	0.0057	-2.5 to 2.5	Pass
					3.85	37.007	0.0138	-2.5 to 2.5	Pass
					4.43	3.762	0.0014	-2.5 to 2.5	Pass
				-30	3.85	10.457	0.0039	-2.5 to 2.5	Pass
				-20	3.85	16.451	0.0061	-2.5 to 2.5	Pass
				-10	3.85	-16.437	-0.0061	-2.5 to 2.5	Pass
				0	3.85	32.730	0.0122	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				30	3.85	14.348	0.0054	-2.5 to 2.5	Pass

				40	3.85	30.527	0.0114	-2.5 to 2.5	Pass
				50	3.85	-12.774	-0.0048	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-27.394	-0.0109	-2.5 to 2.5	Pass
					3.85	-29.669	-0.0118	-2.5 to 2.5	Pass
					4.43	-27.080	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	13.990	0.0056	-2.5 to 2.5	Pass
				-20	3.85	41.599	0.0166	-2.5 to 2.5	Pass
				-10	3.85	25.907	0.0103	-2.5 to 2.5	Pass
				0	3.85	-31.271	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-37.608	-0.0150	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				40	3.85	7.668	0.0031	-2.5 to 2.5	Pass
				50	3.85	-22.616	-0.0090	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-6.294	-0.0024	-2.5 to 2.5	Pass
					3.85	-20.013	-0.0077	-2.5 to 2.5	Pass
					4.43	11.816	0.0046	-2.5 to 2.5	Pass
				-30	3.85	-32.372	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	13.089	0.0050	-2.5 to 2.5	Pass
				-10	3.85	3.648	0.0014	-2.5 to 2.5	Pass
				0	3.85	-12.145	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-32.659	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0010	-2.5 to 2.5	Pass
				40	3.85	35.577	0.0137	-2.5 to 2.5	Pass
				50	3.85	-37.551	-0.0145	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	31.643	0.0118	-2.5 to 2.5	Pass
					3.85	30.198	0.0113	-2.5 to 2.5	Pass
					4.43	24.691	0.0092	-2.5 to 2.5	Pass
				-30	3.85	27.823	0.0104	-2.5 to 2.5	Pass
				-20	3.85	38.152	0.0142	-2.5 to 2.5	Pass
				-10	3.85	-29.569	-0.0110	-2.5 to 2.5	Pass
				0	3.85	26.679	0.0100	-2.5 to 2.5	Pass
				10	3.85	-26.965	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-14.949	-0.0056	-2.5 to 2.5	Pass
				40	3.85	35.763	0.0133	-2.5 to 2.5	Pass
				50	3.85	35.105	0.0131	-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	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass

3.1.2 B41_10MHz

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

3.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

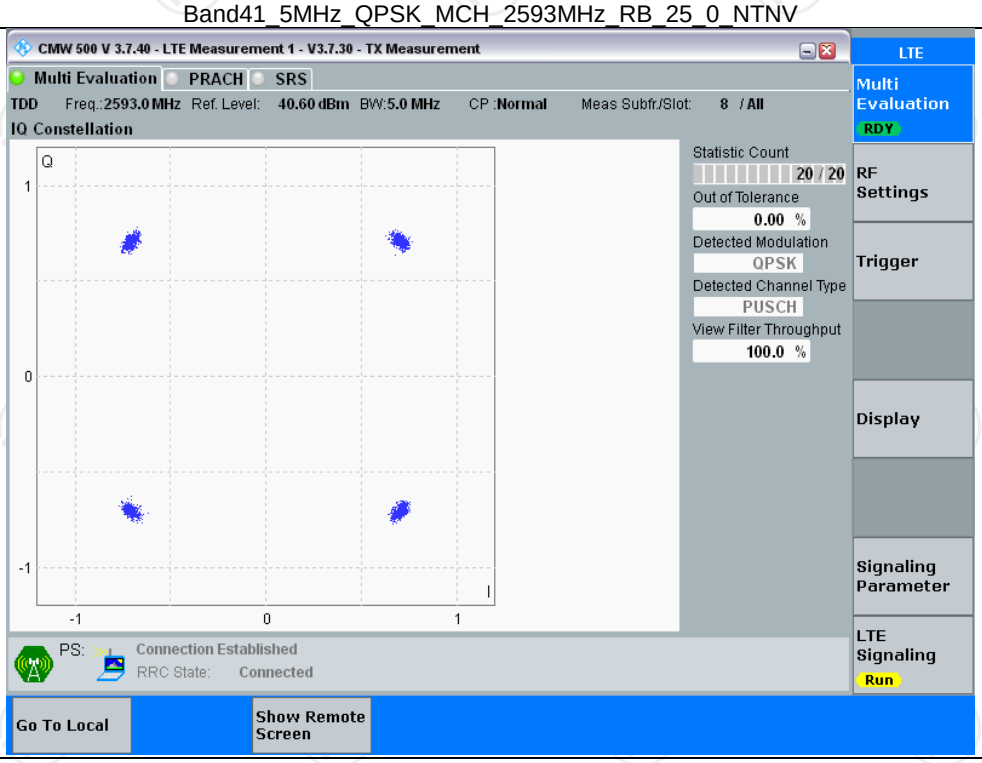
3.1.4 B41_20MHz

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

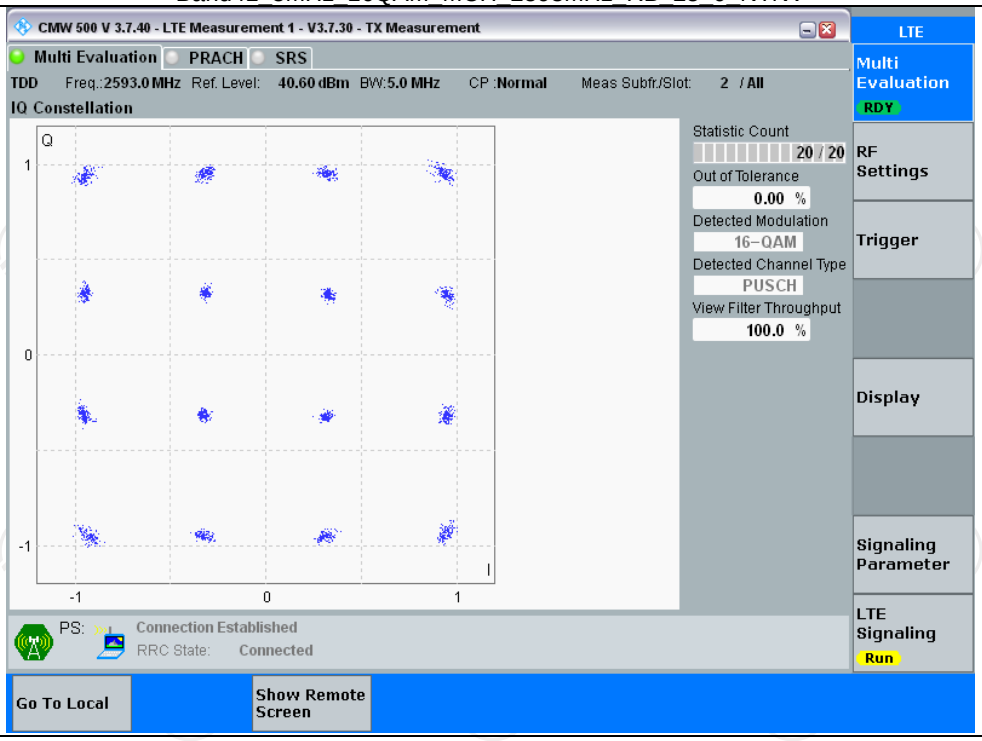
3.2 Test Graph

3.2.1 B41_5MHz

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV

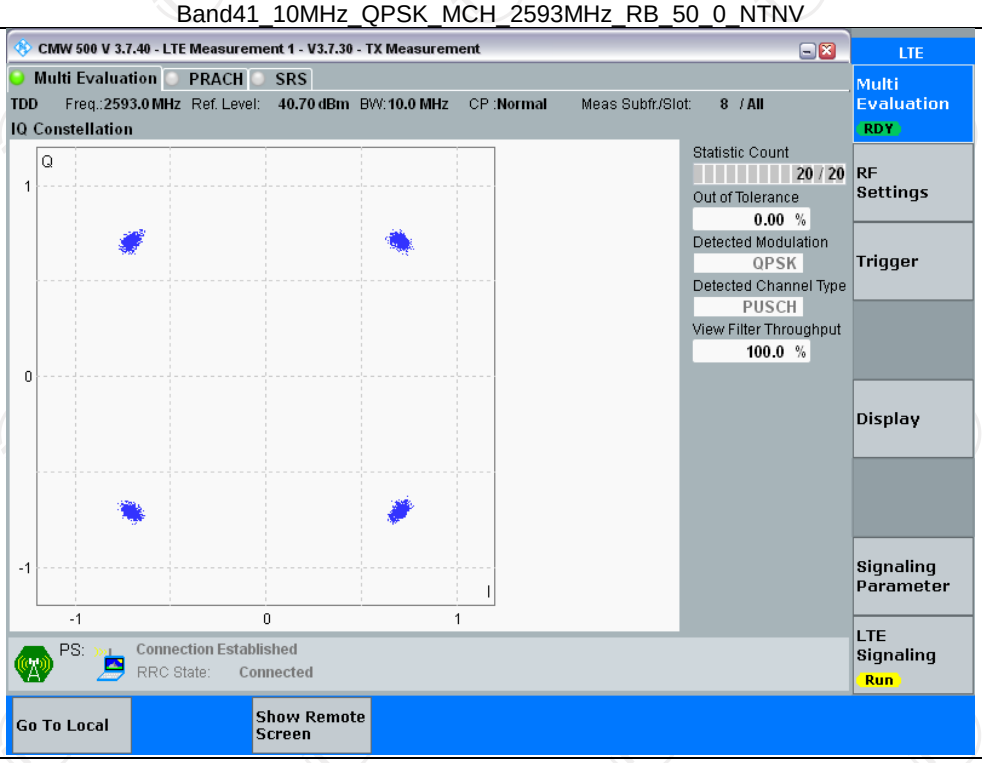


Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

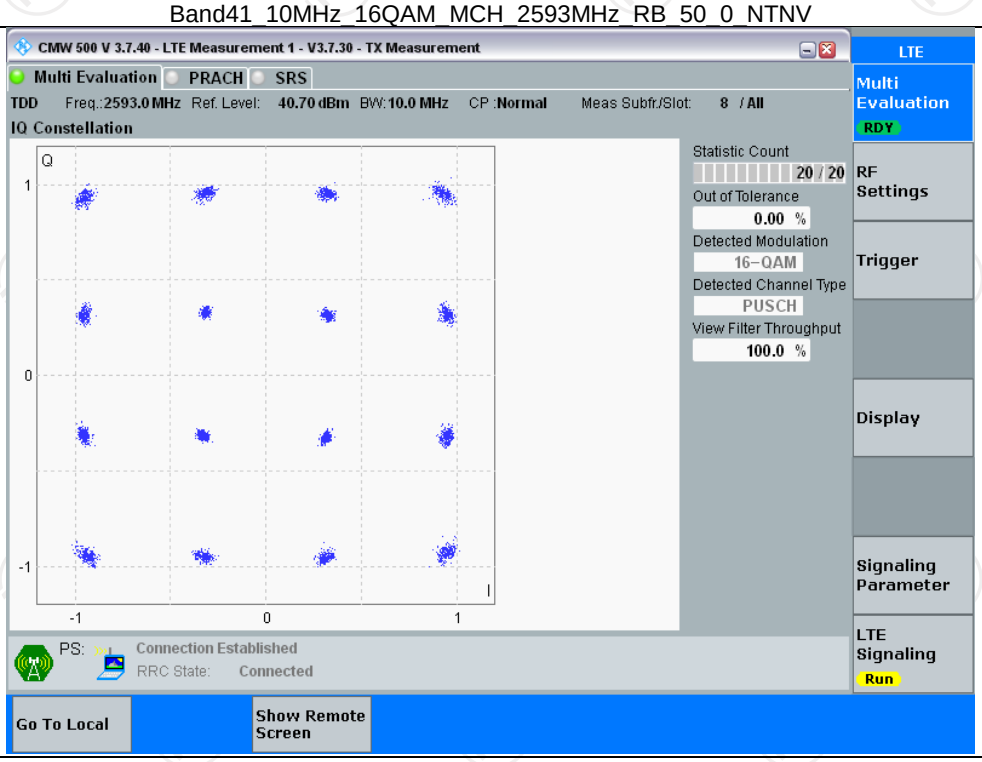


3.2.2 B41_10MHz

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

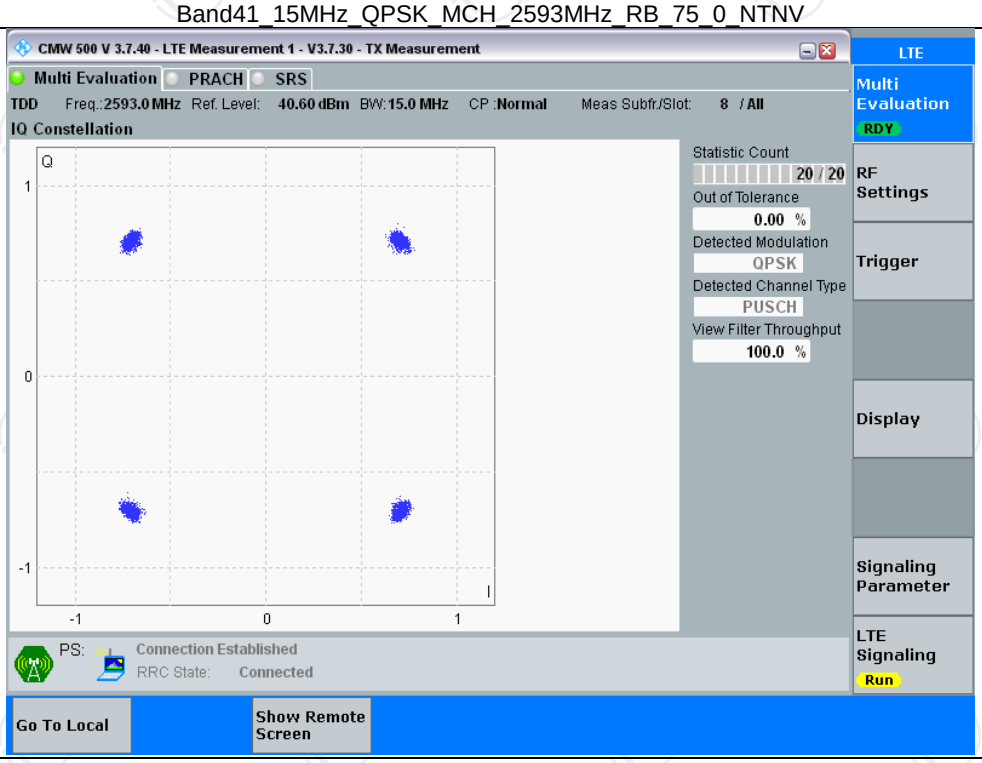


Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

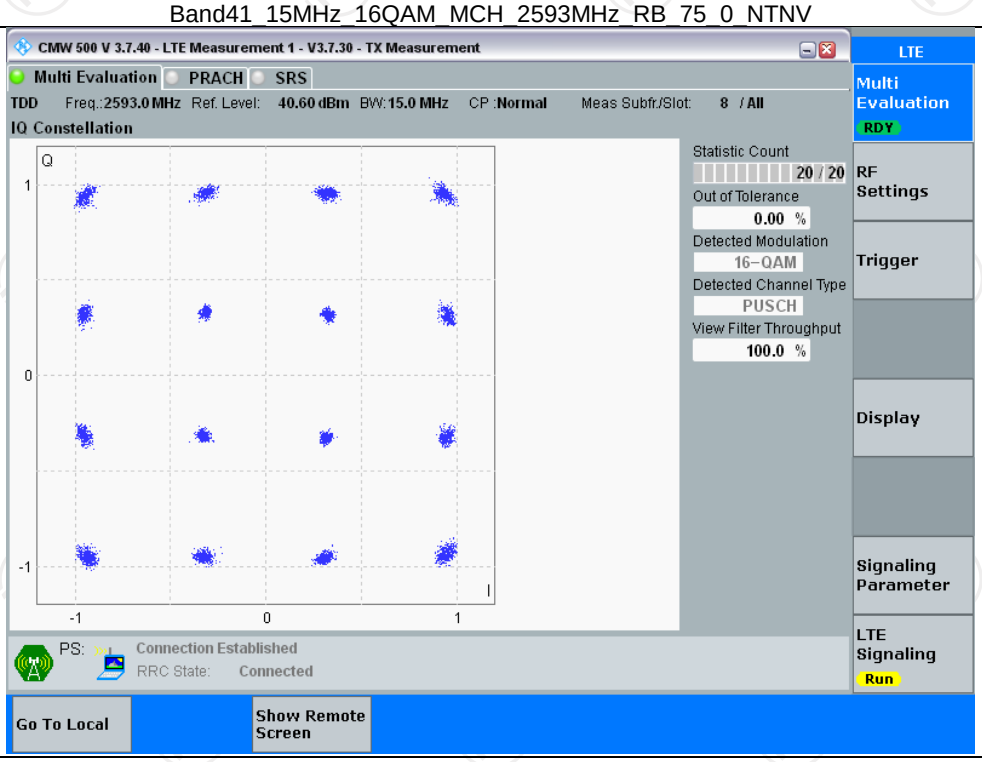


3.2.3 B41_15MHz

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

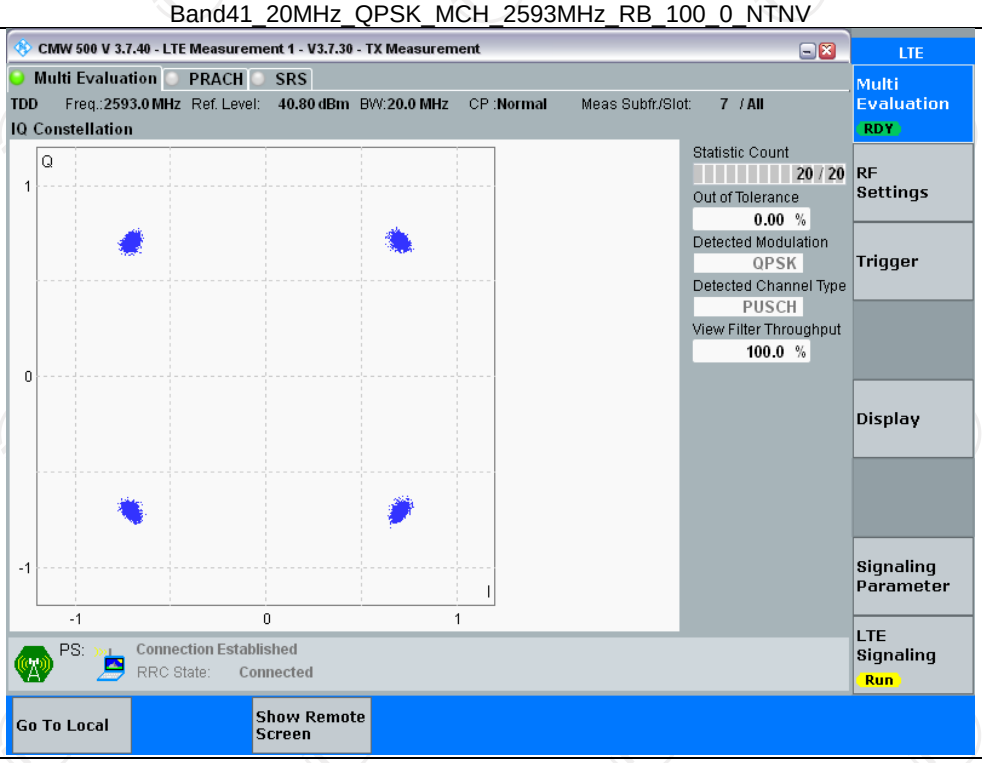


Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

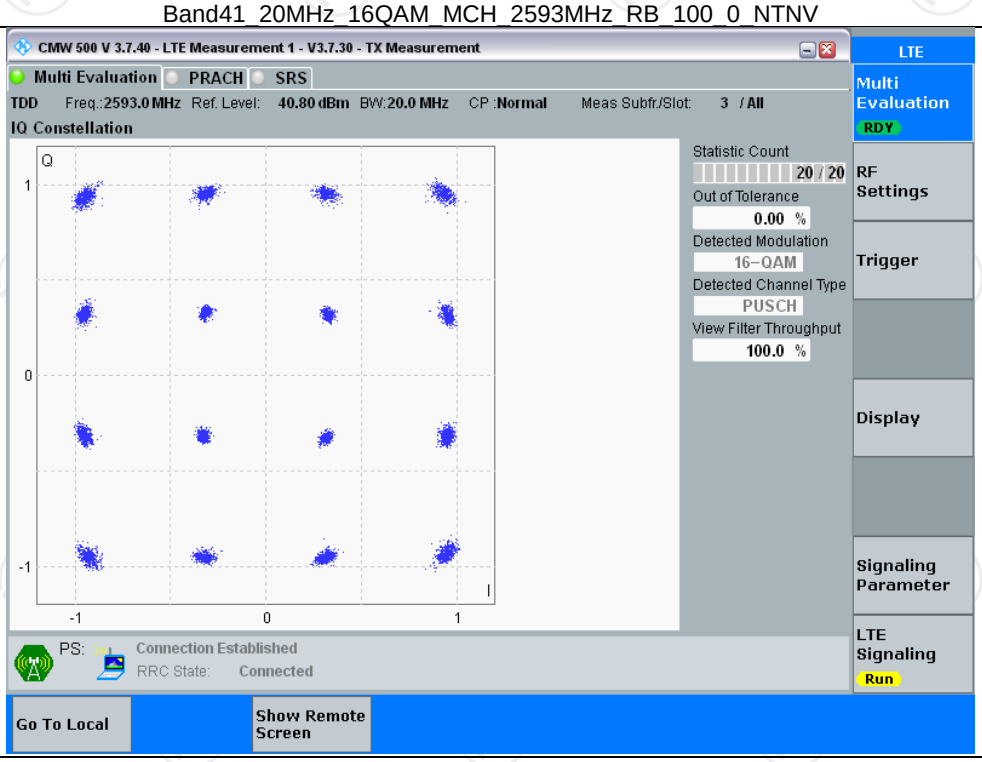


3.2.4 B41_20MHz

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



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	2498.5	25	0	4.555	/	Pass
		2593	25	0	4.546	/	Pass
		2687.5	25	0	4.551	/	Pass
	16QAM	2498.5	25	0	4.552	/	Pass
		2593	25	0	4.592	/	Pass
		2687.5	25	0	4.550	/	Pass
10	QPSK	2501	50	0	9.131	/	Pass
		2593	50	0	9.057	/	Pass
		2685	50	0	9.047	/	Pass
	16QAM	2501	50	0	9.061	/	Pass
		2593	50	0	9.024	/	Pass
		2685	50	0	9.056	/	Pass
15	QPSK	2503.5	75	0	13.555	/	Pass
		2593	75	0	13.582	/	Pass
		2682.5	75	0	13.611	/	Pass
	16QAM	2503.5	75	0	13.636	/	Pass
		2593	75	0	13.615	/	Pass
		2682.5	75	0	13.601	/	Pass
20	QPSK	2506	100	0	18.140	/	Pass
		2593	100	0	18.113	/	Pass
		2680	100	0	18.105	/	Pass
	16QAM	2506	100	0	18.142	/	Pass
		2593	100	0	18.176	/	Pass
		2680	100	0	17.971	/	Pass

4.1.2 Band41_XDB

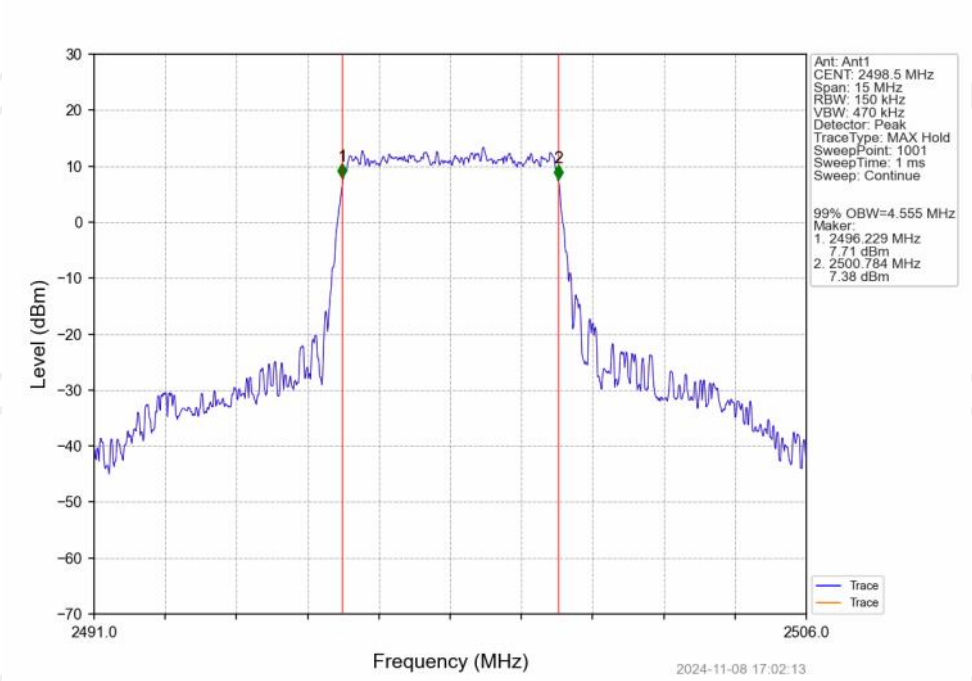
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.081	/	Pass
		2593	25	0	5.056	/	Pass
		2687.5	25	0	5.066	/	Pass
	16QAM	2498.5	25	0	5.047	/	Pass
		2593	25	0	5.150	/	Pass
		2687.5	25	0	5.057	/	Pass
10	QPSK	2501	50	0	10.074	/	Pass
		2593	50	0	10.086	/	Pass
		2685	50	0	10.035	/	Pass
	16QAM	2501	50	0	10.044	/	Pass
		2593	50	0	9.611	/	Pass
		2685	50	0	10.092	/	Pass
15	QPSK	2503.5	75	0	15.217	/	Pass
		2593	75	0	15.119	/	Pass
		2682.5	75	0	15.222	/	Pass

	16QAM	2503.5	75	0	15.269	/	Pass
		2593	75	0	15.186	/	Pass
		2682.5	75	0	15.183	/	Pass
20	QPSK	2506	100	0	19.936	/	Pass
		2593	100	0	20.646	/	Pass
		2680	100	0	20.111	/	Pass
	16QAM	2506	100	0	19.966	/	Pass
		2593	100	0	19.900	/	Pass
		2680	100	0	19.284	/	Pass

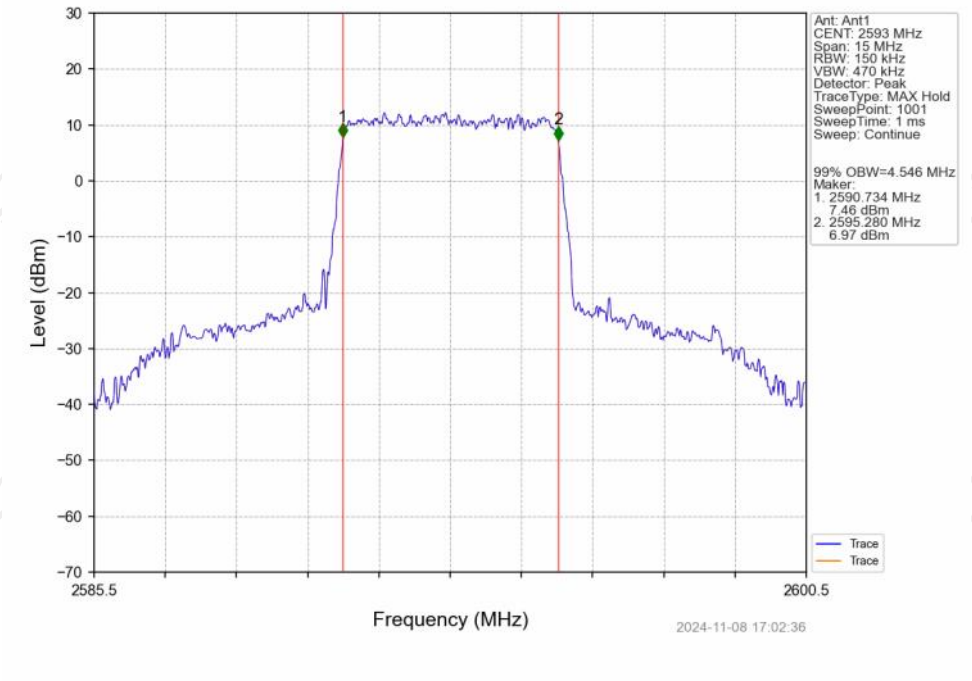
4.2 Test Graph

4.2.1 Band41_OBW

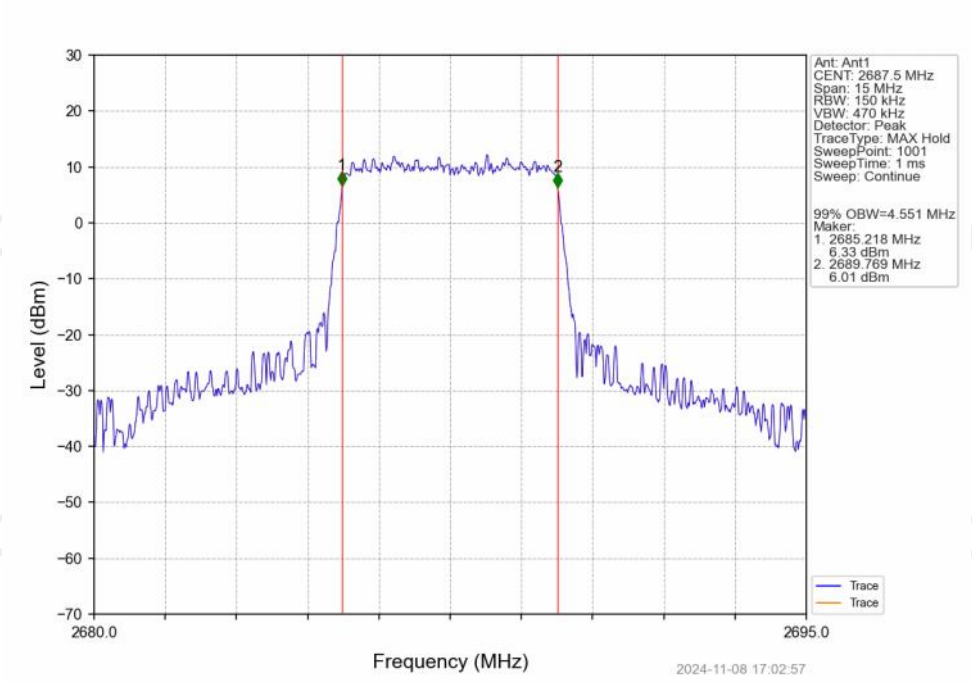
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



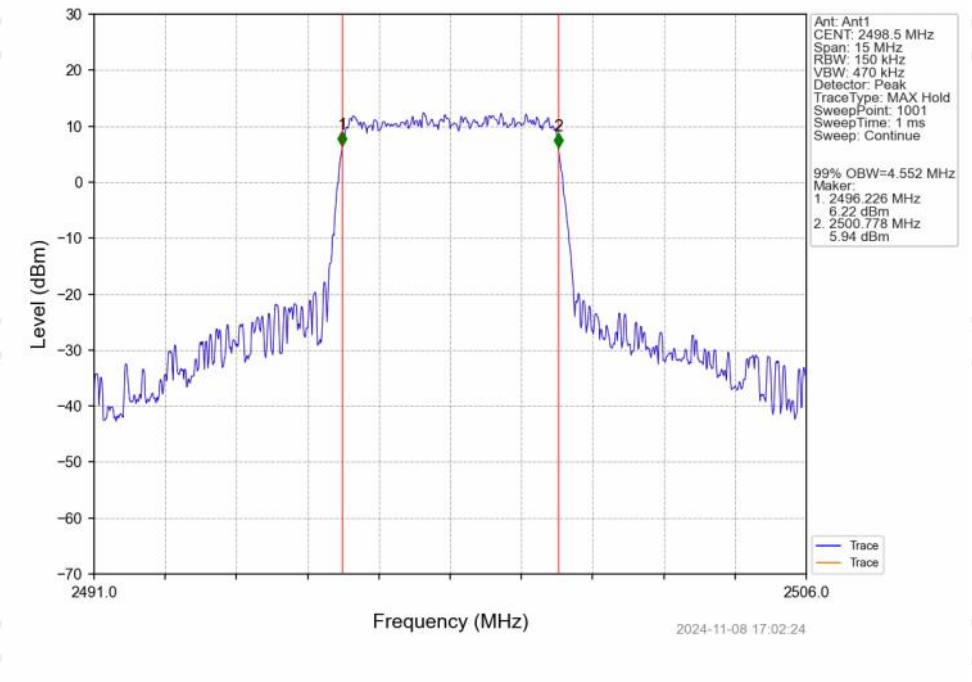
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



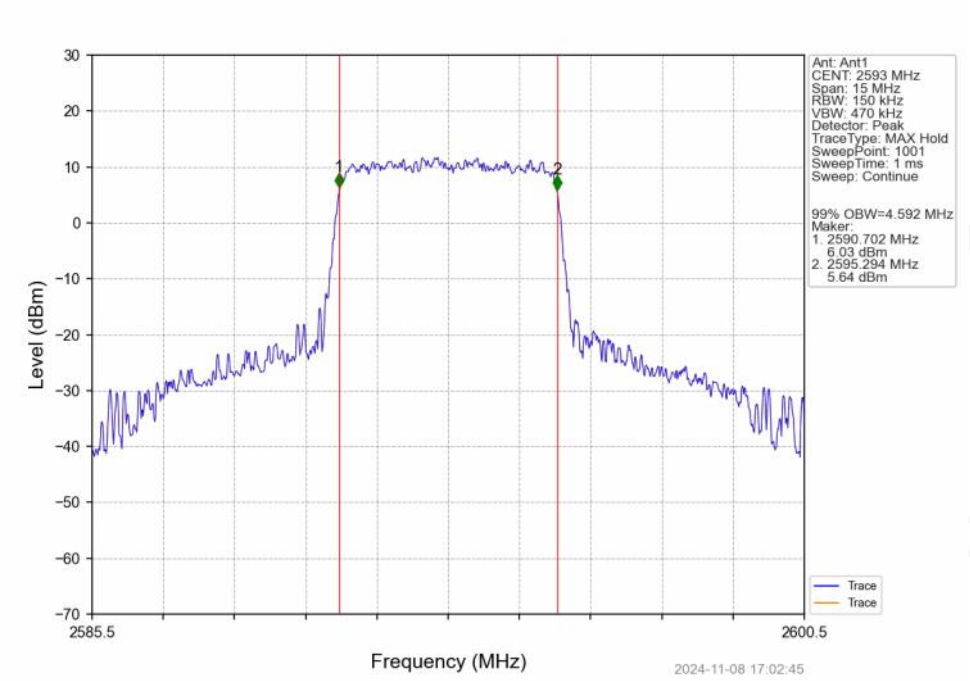
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



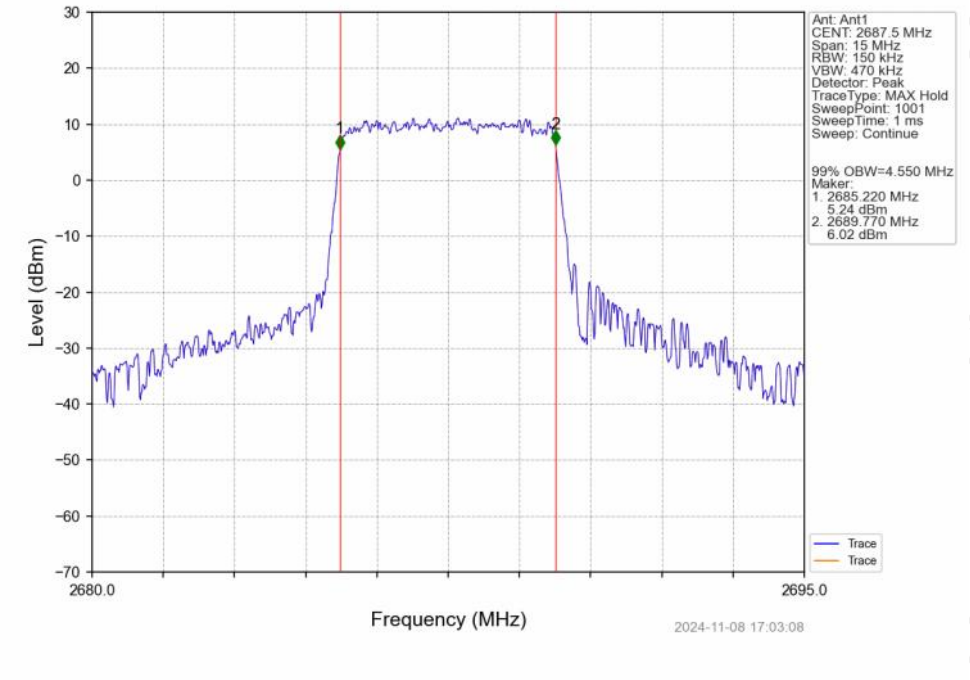
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



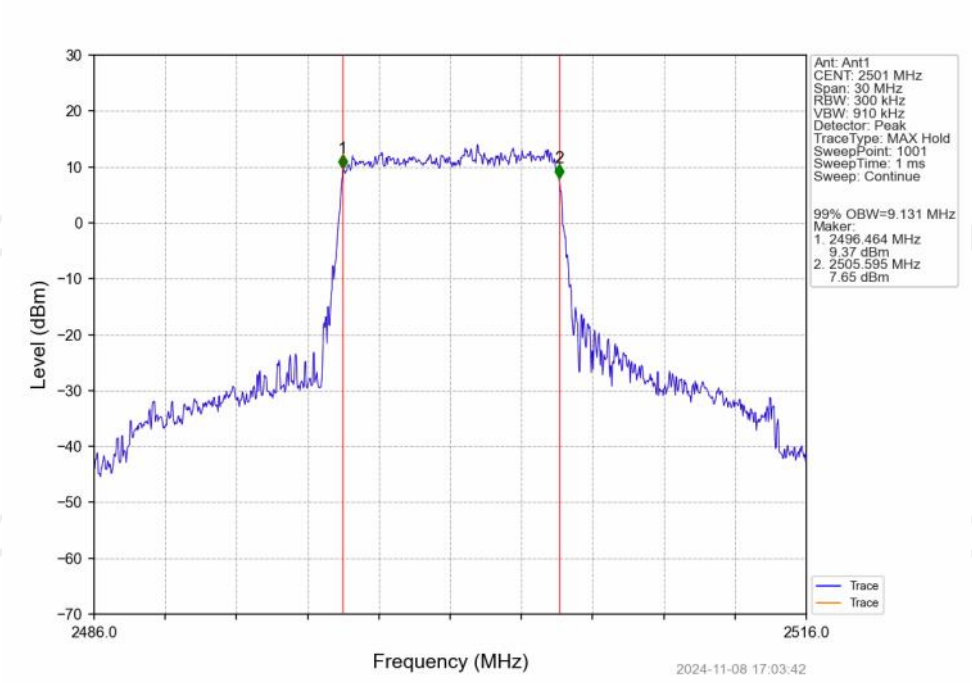
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



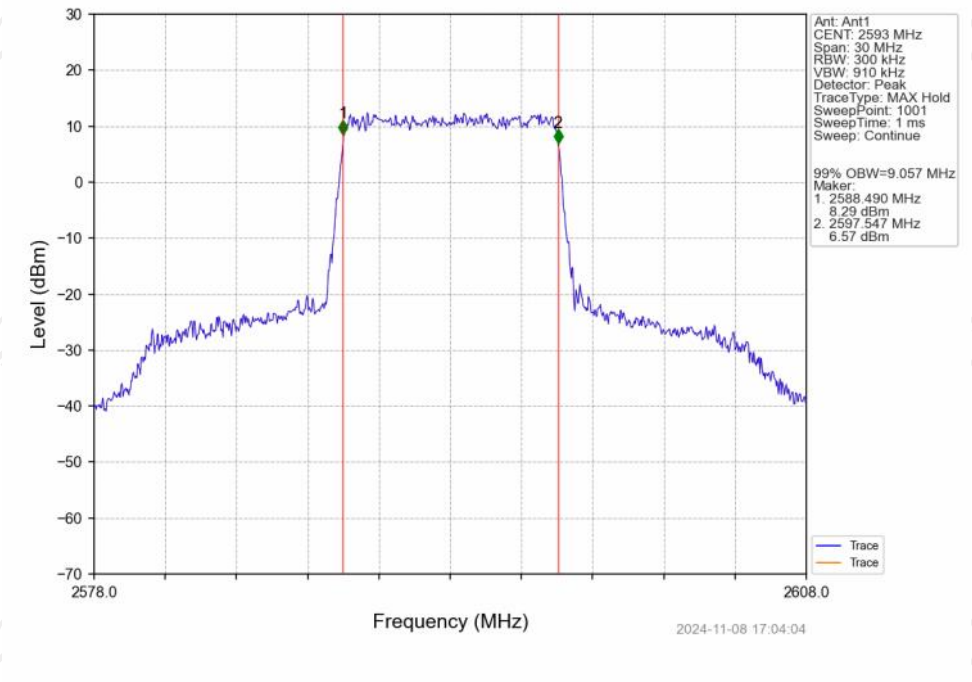
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



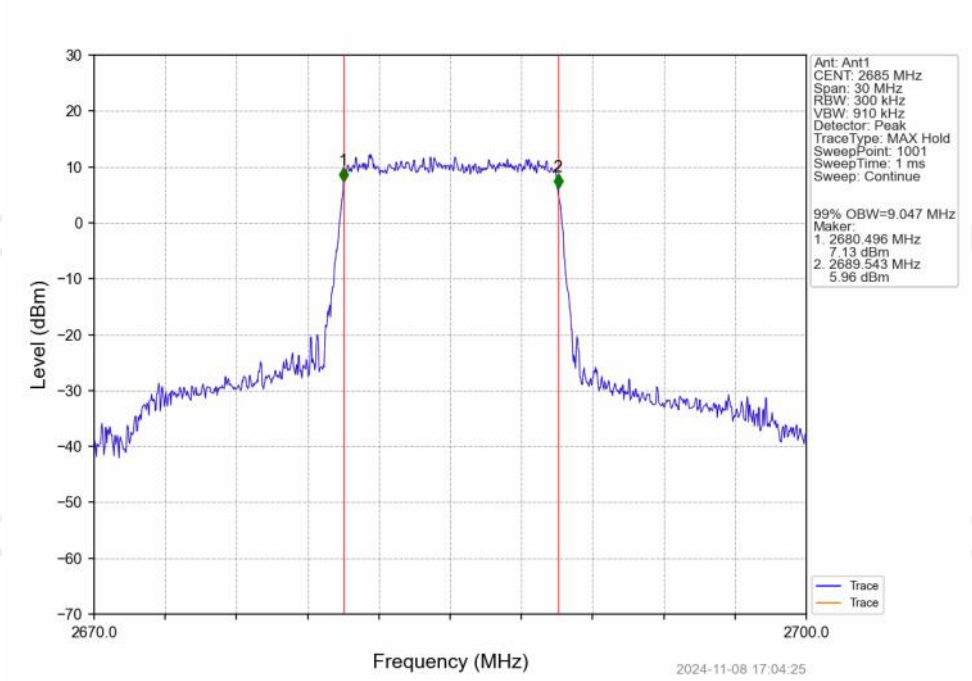
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



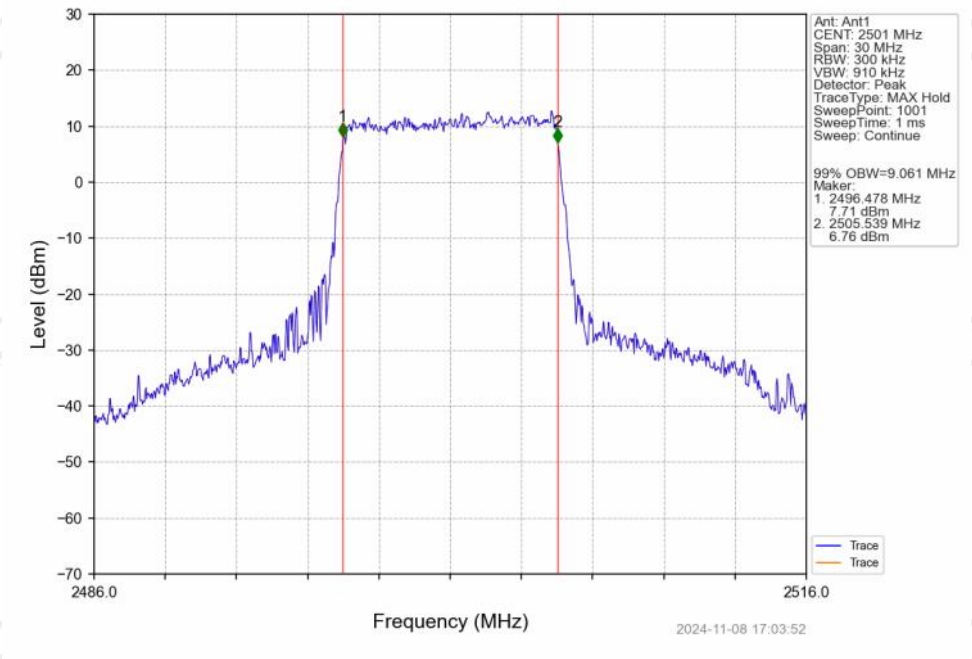
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



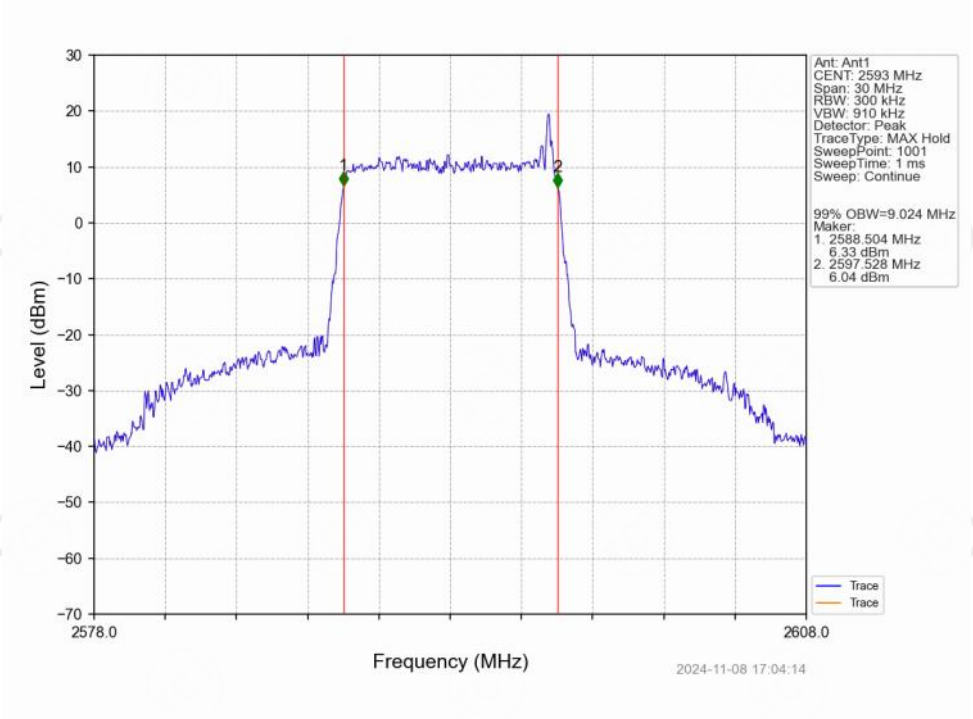
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



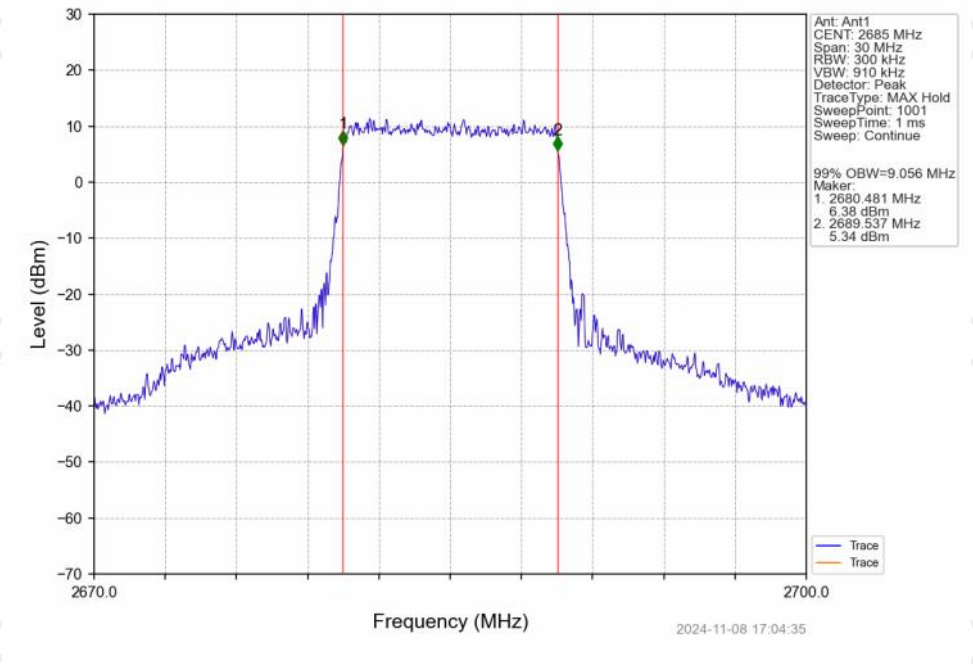
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



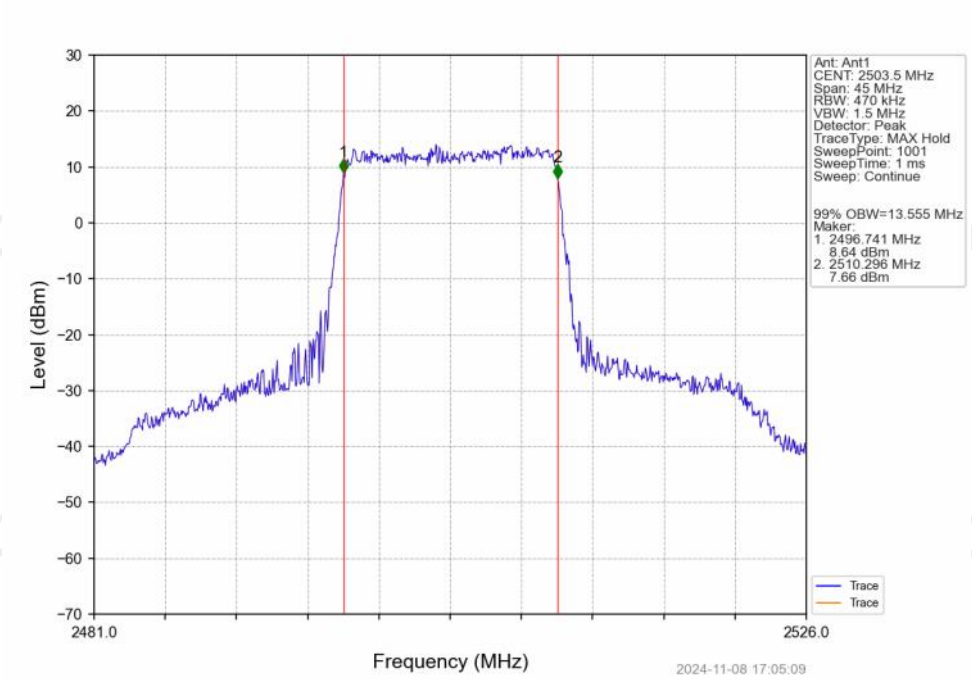
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



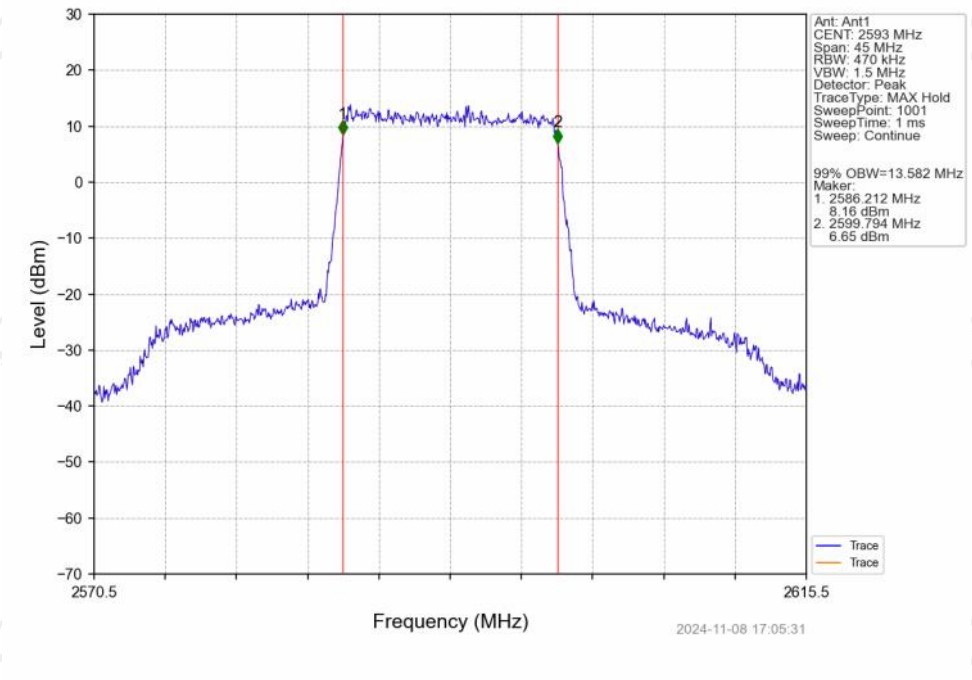
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



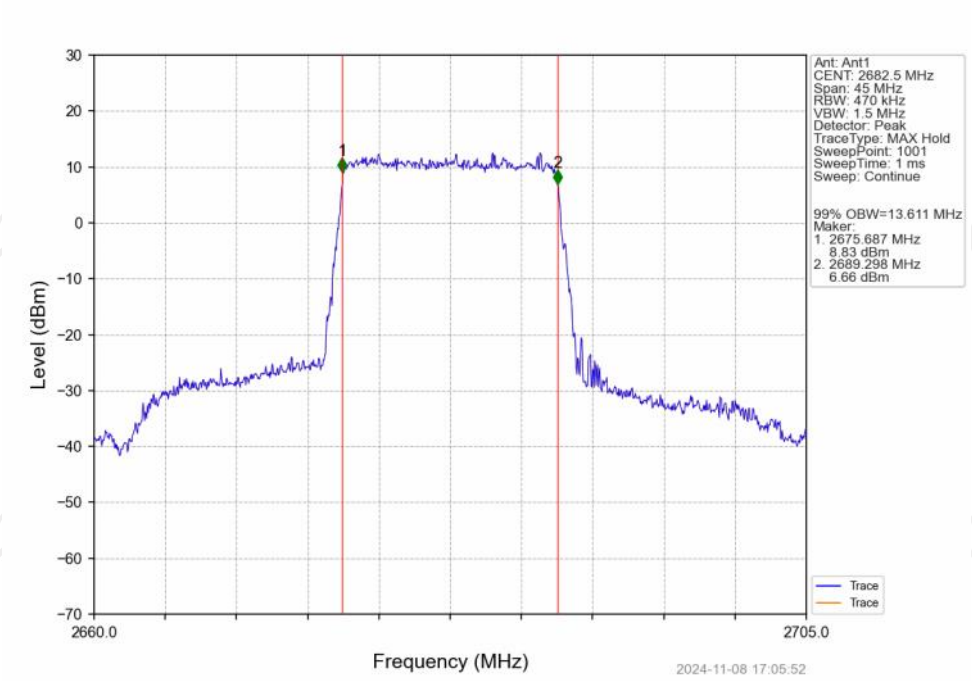
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



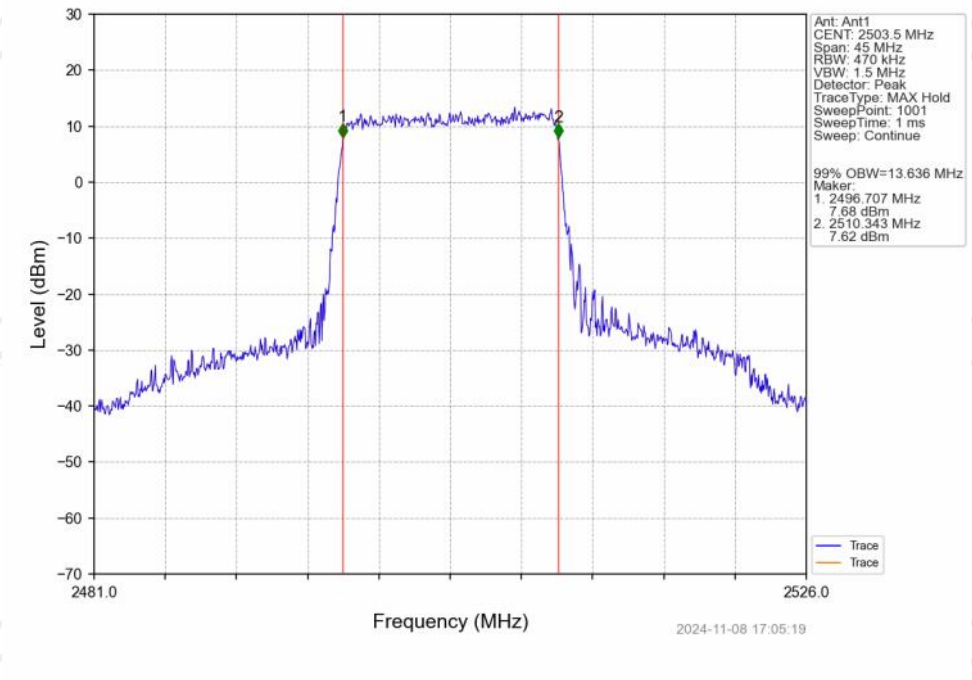
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



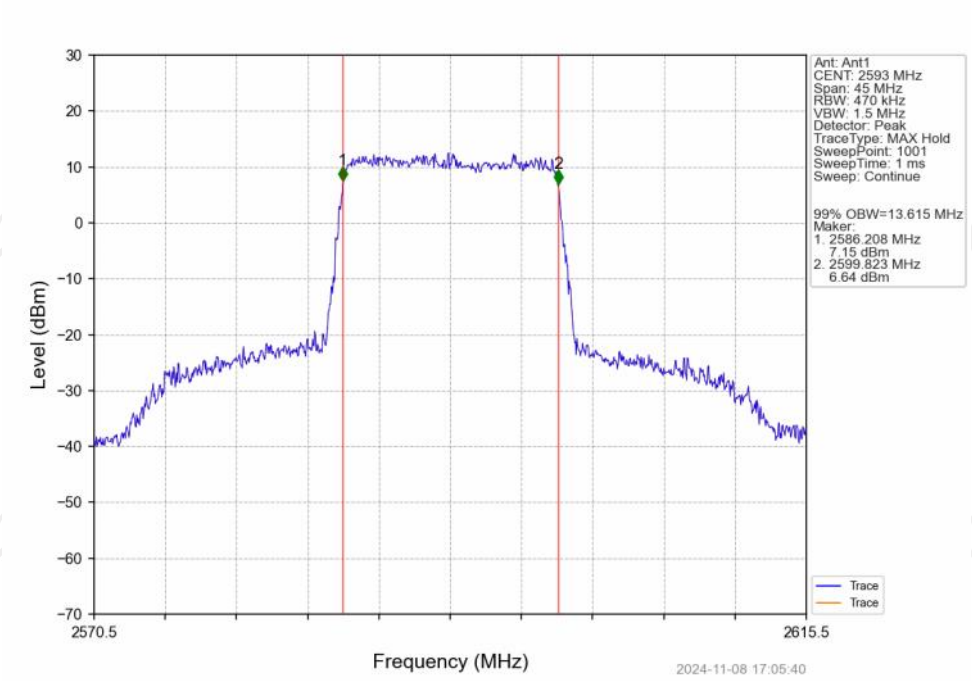
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



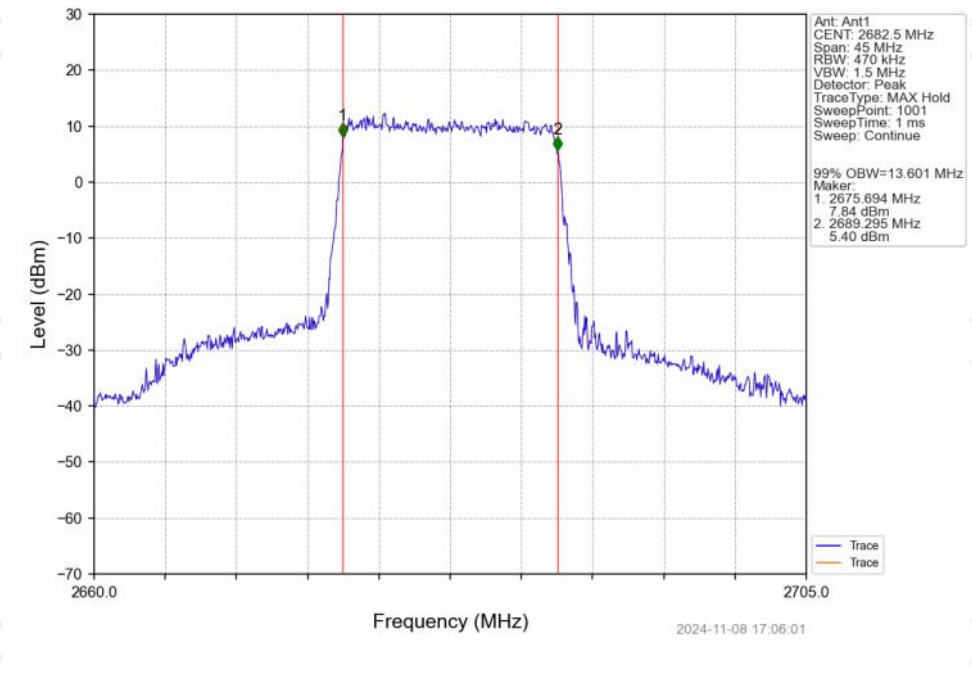
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



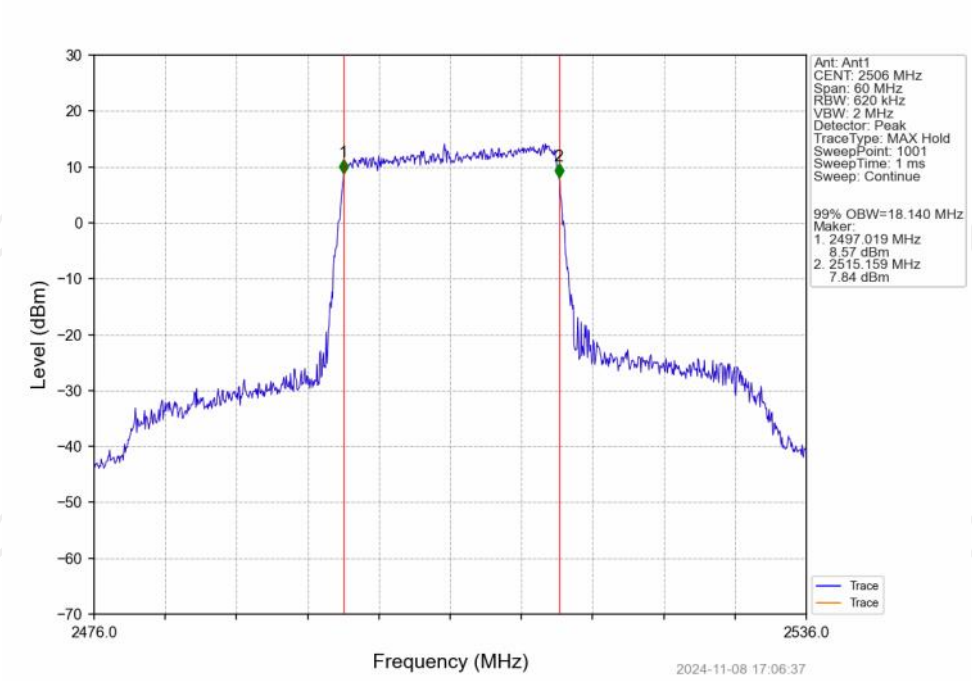
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



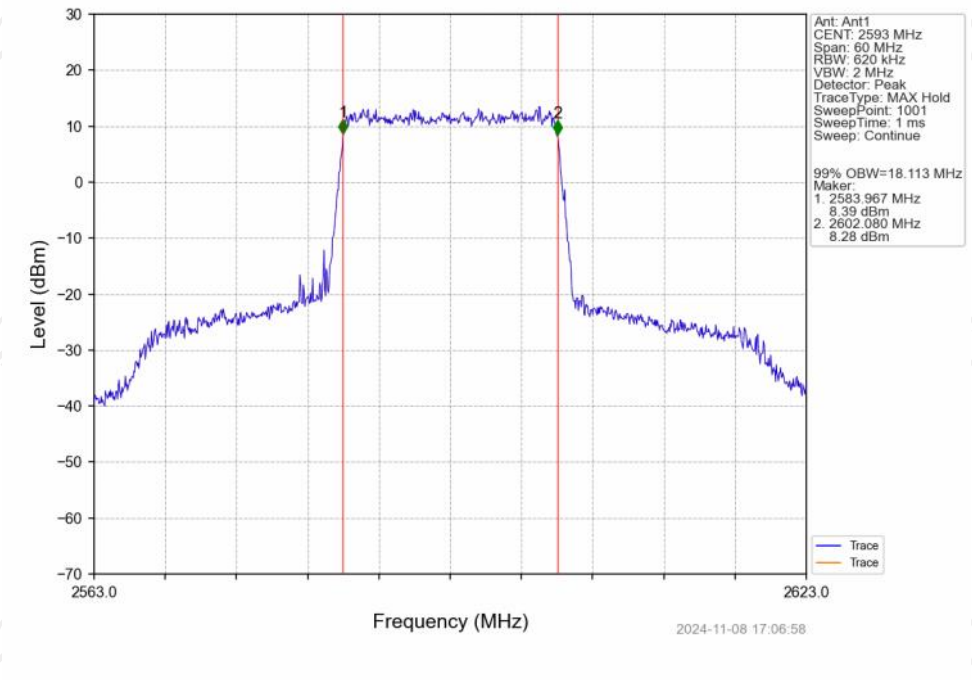
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



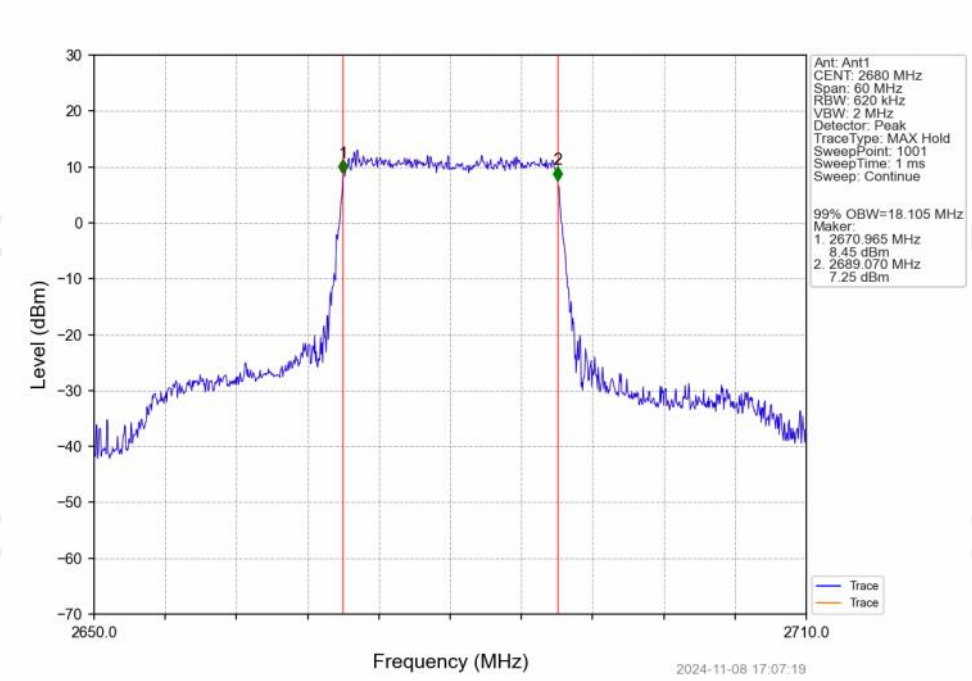
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



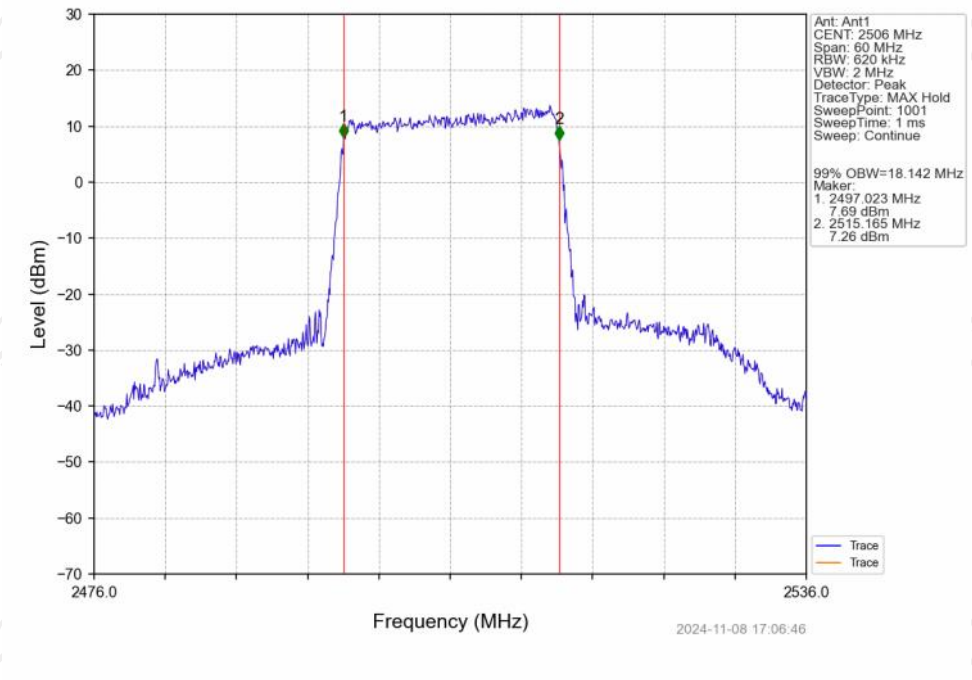
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



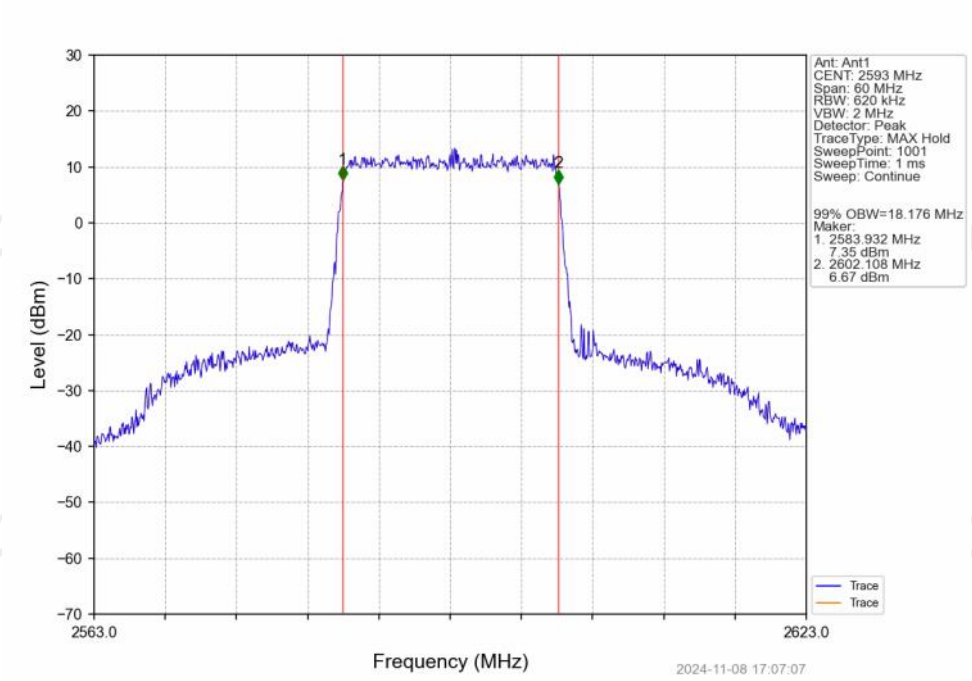
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



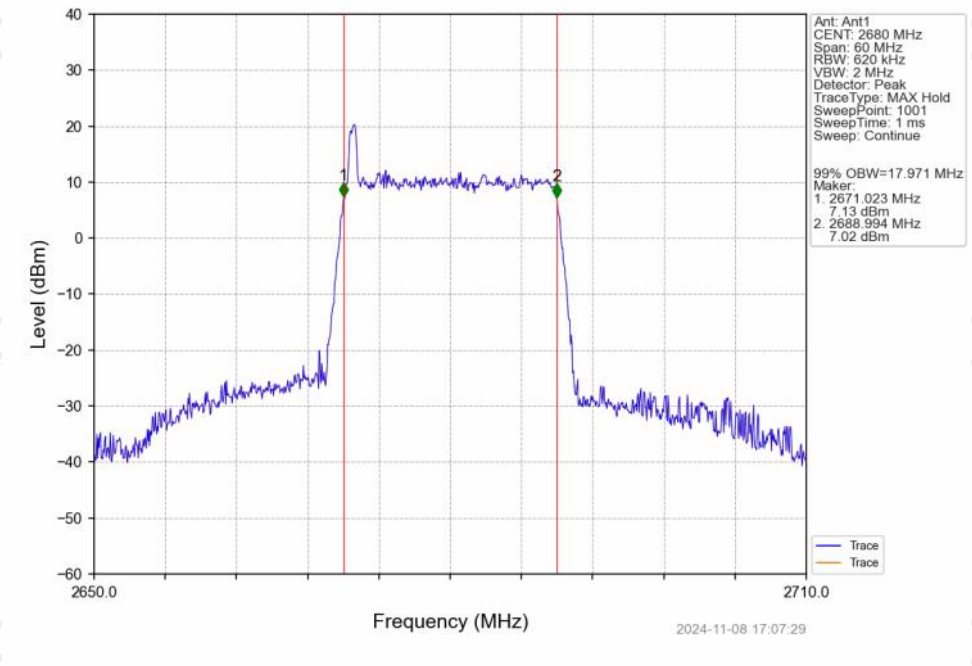
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

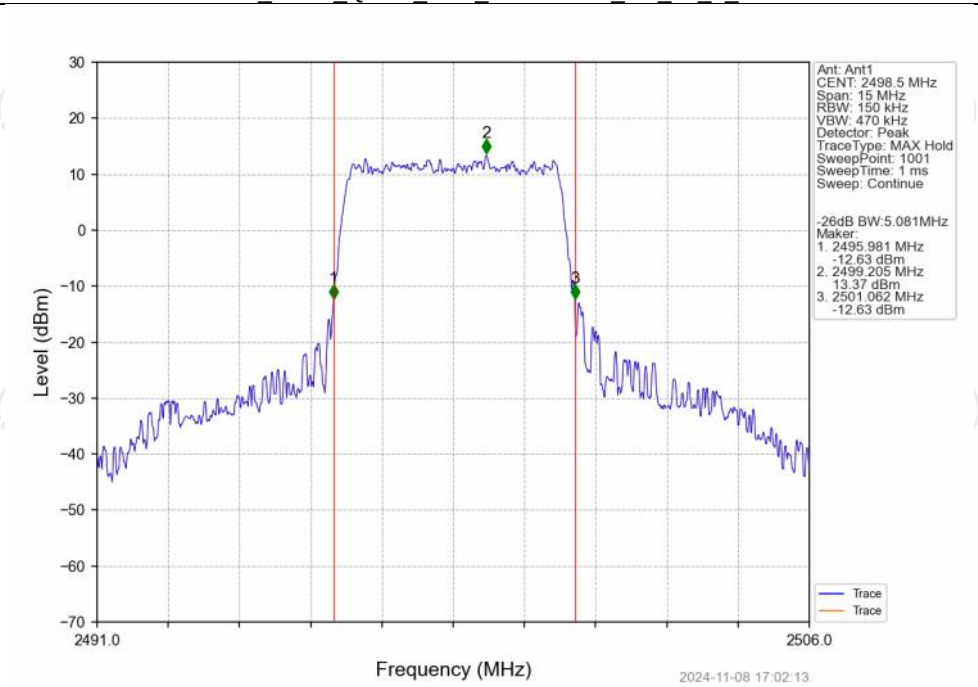


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

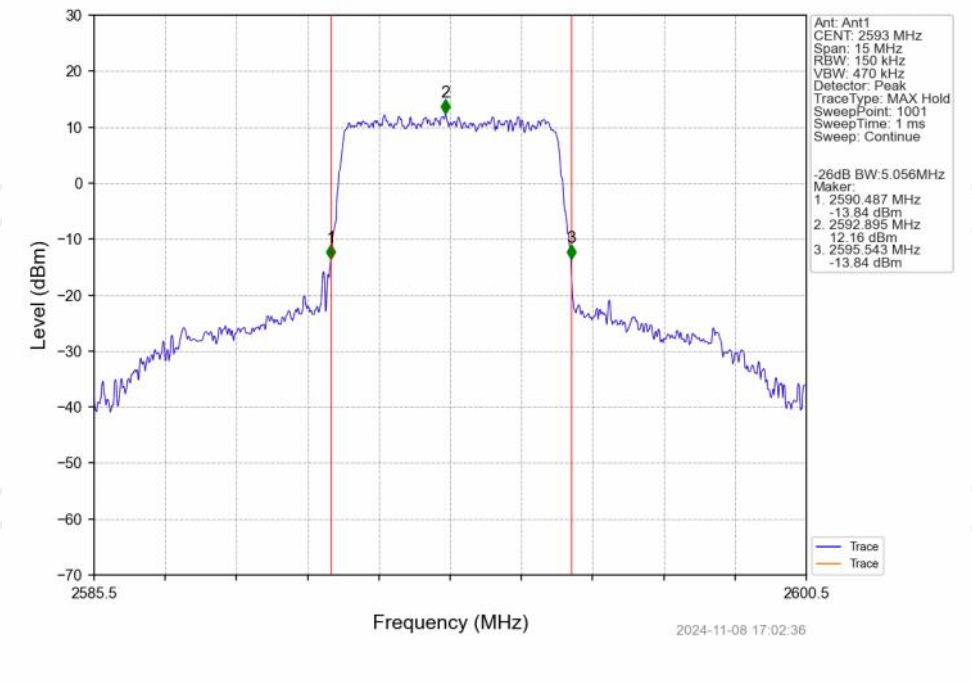


4.2.2 Band41_XDB

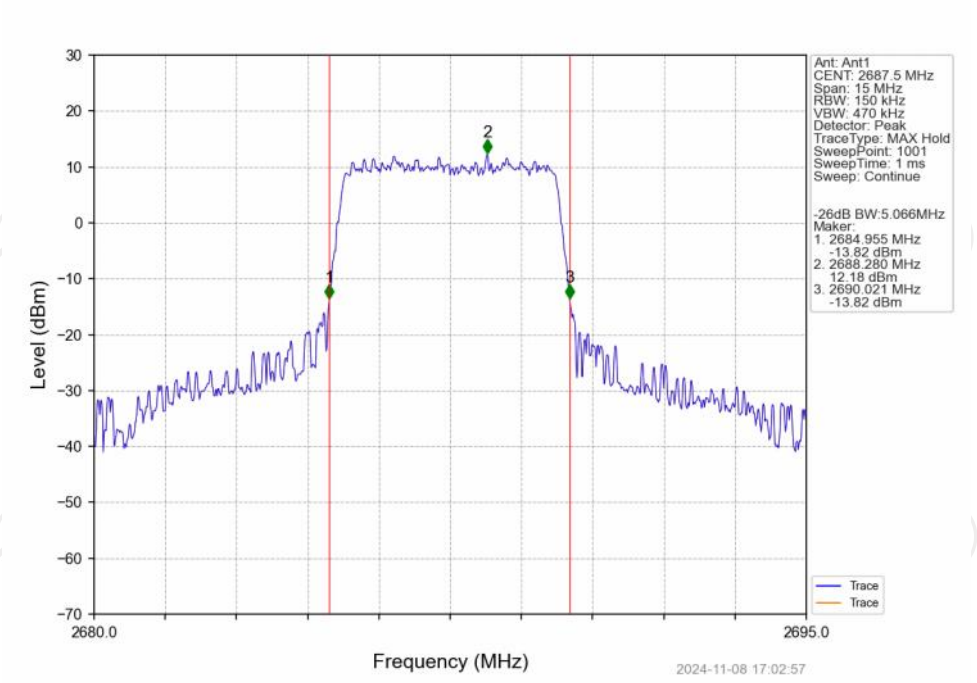
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



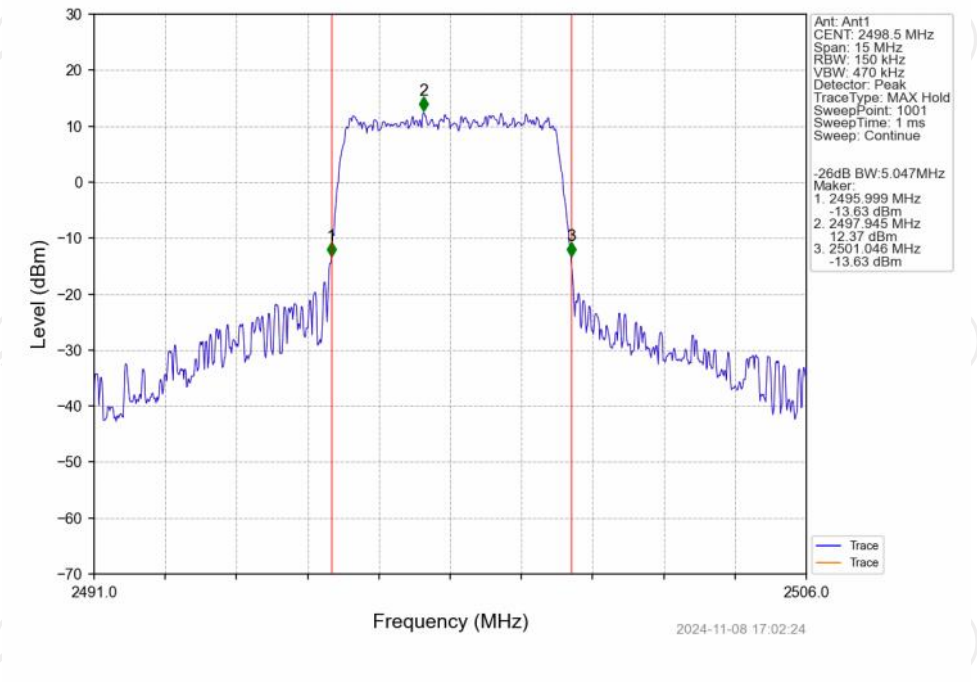
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



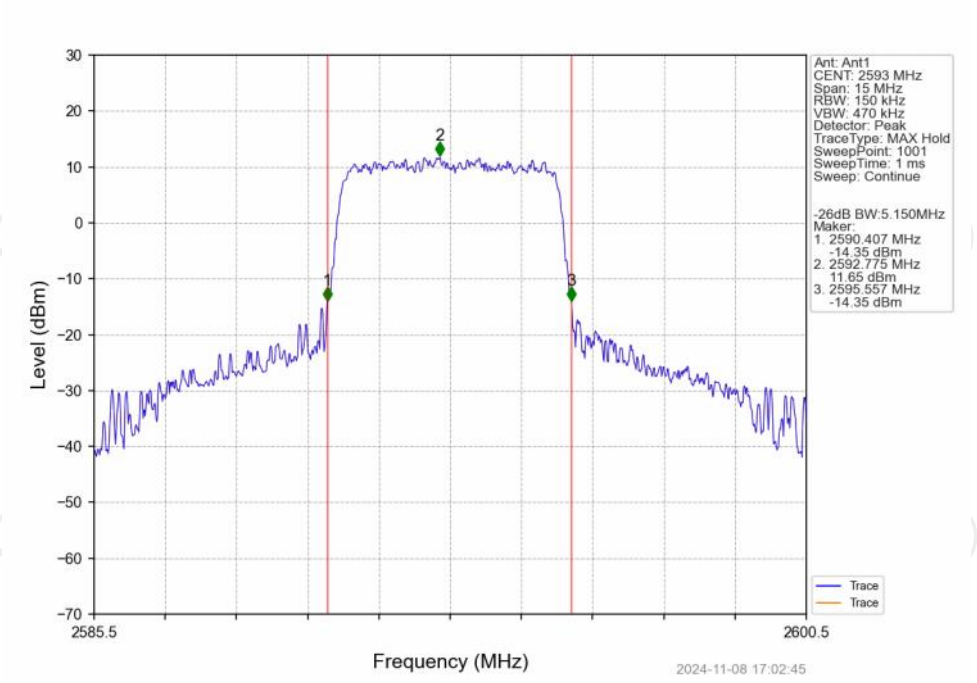
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



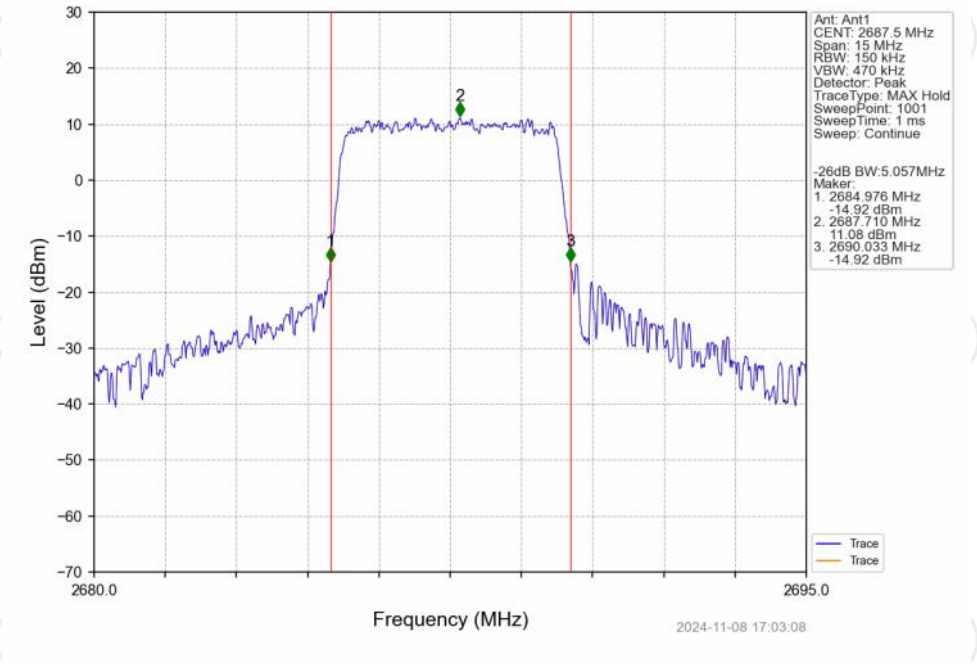
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



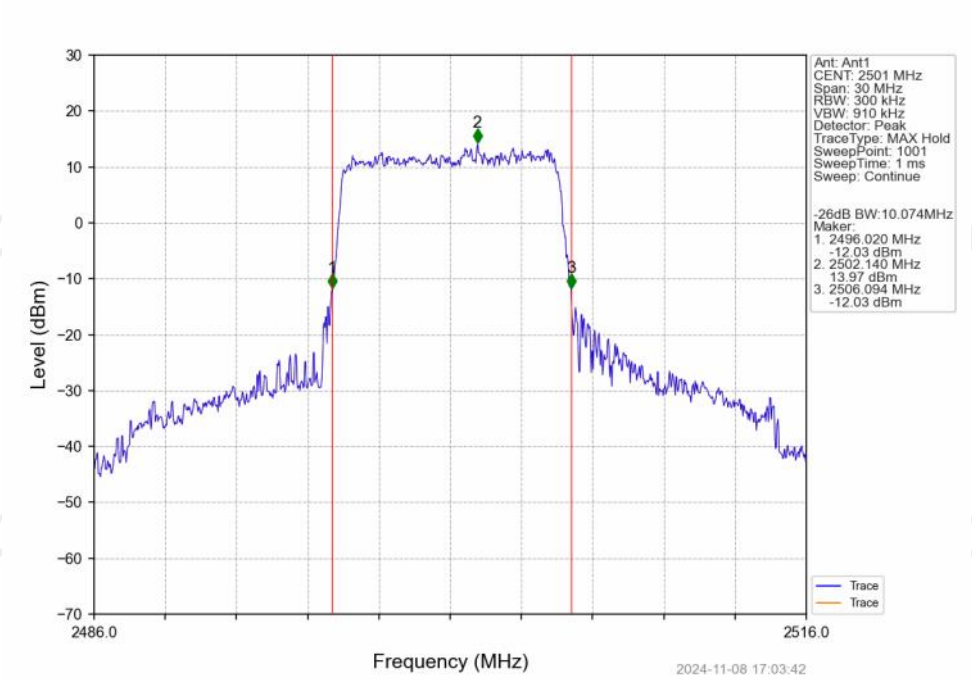
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



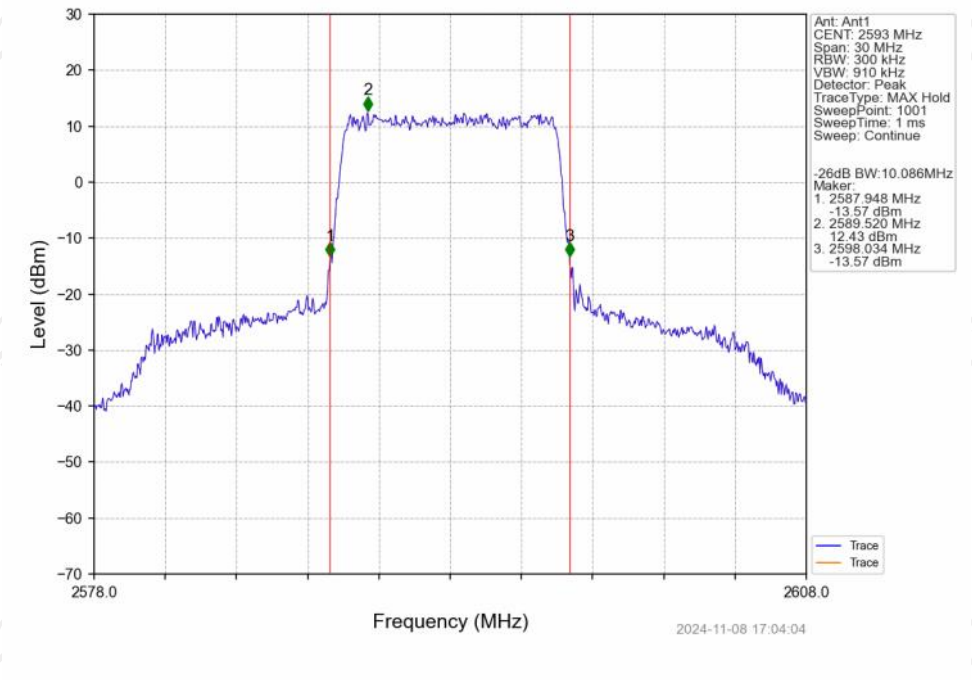
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



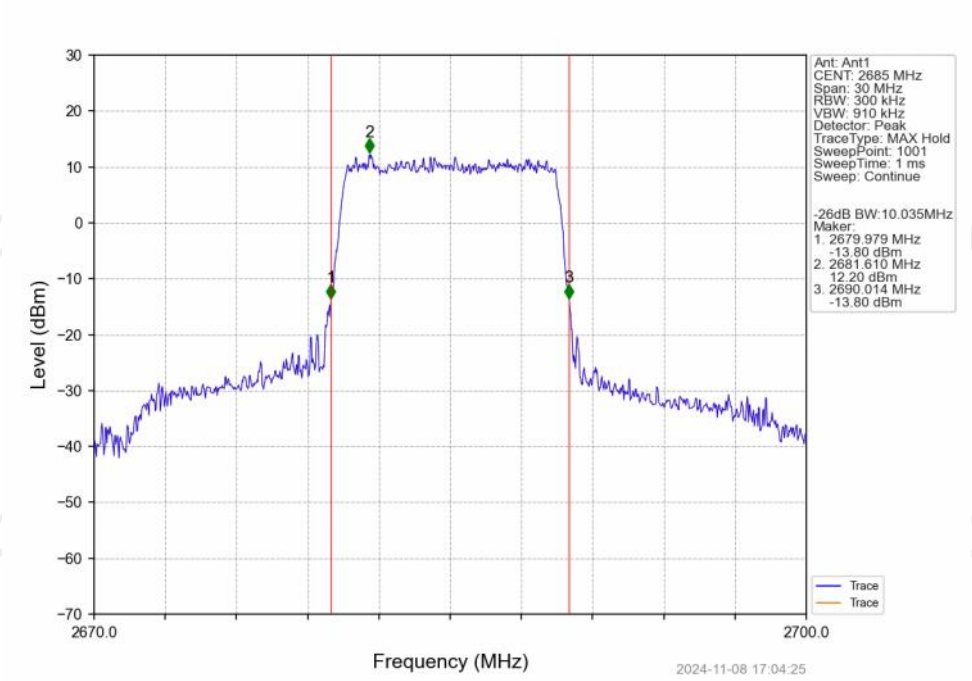
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



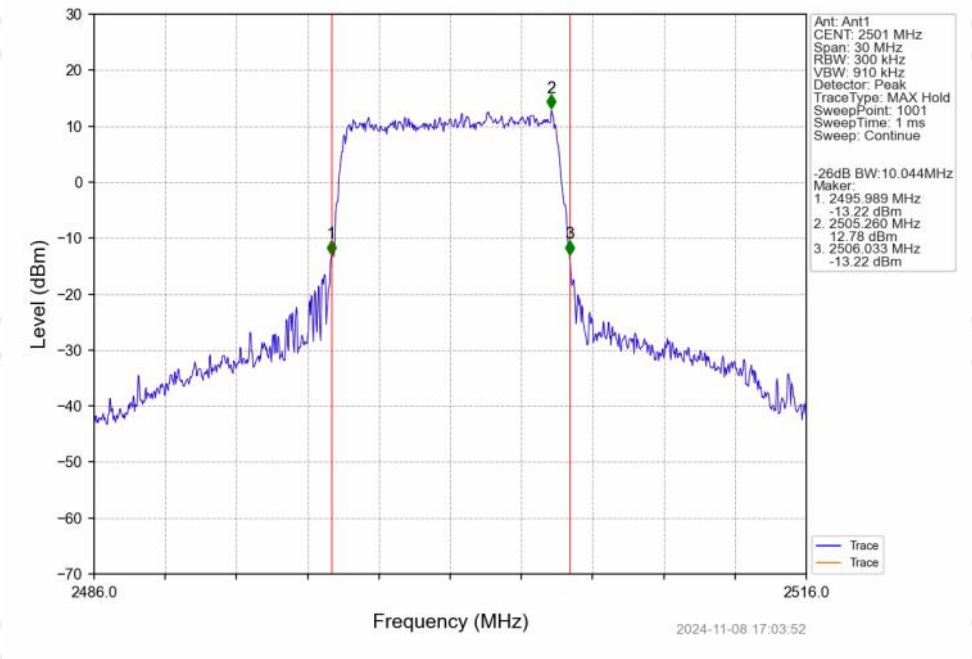
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



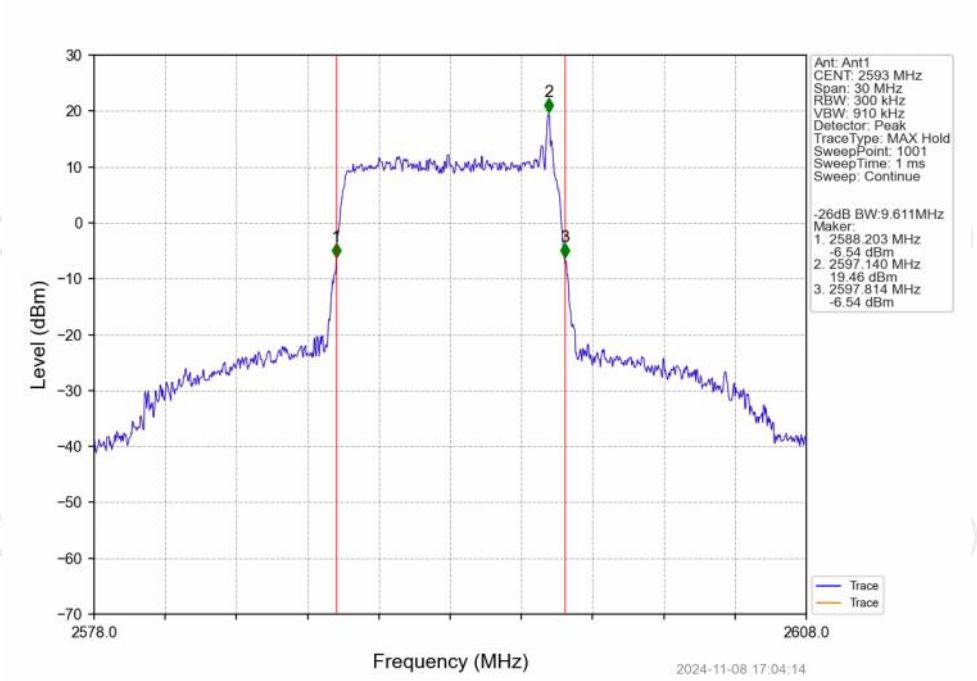
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



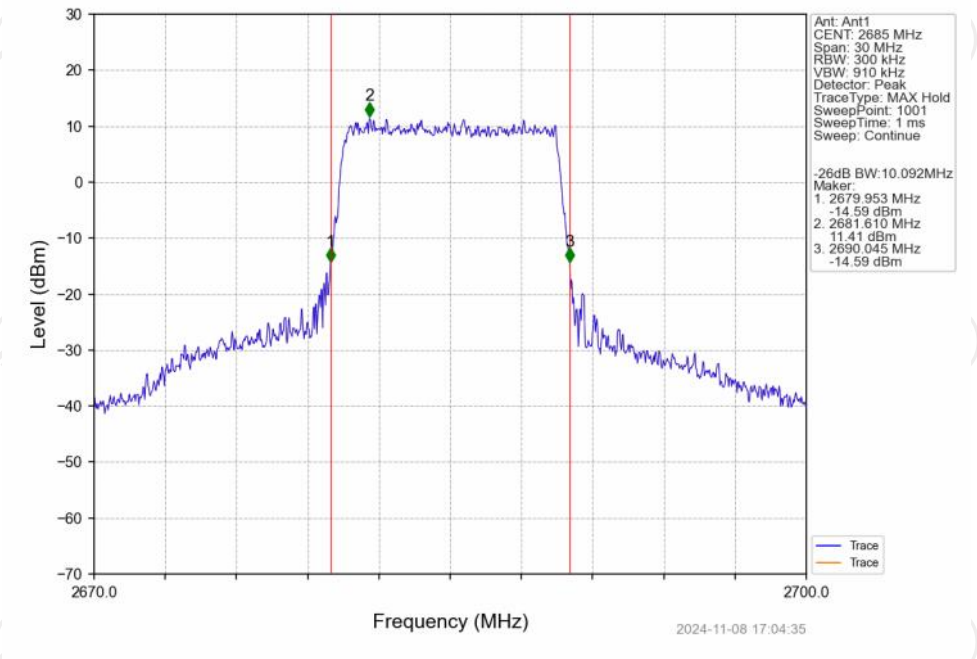
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



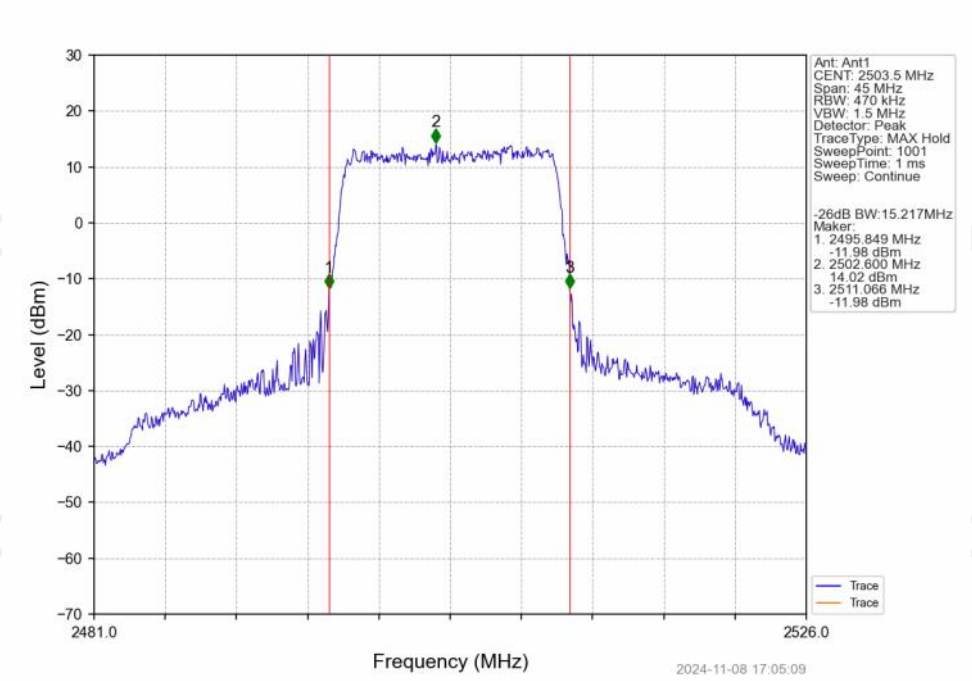
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



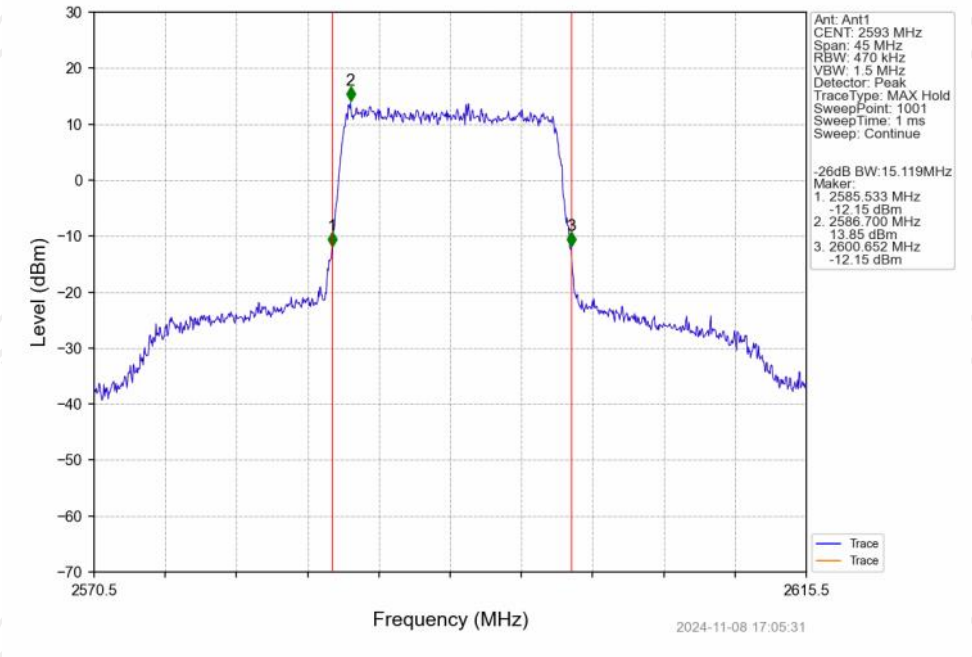
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



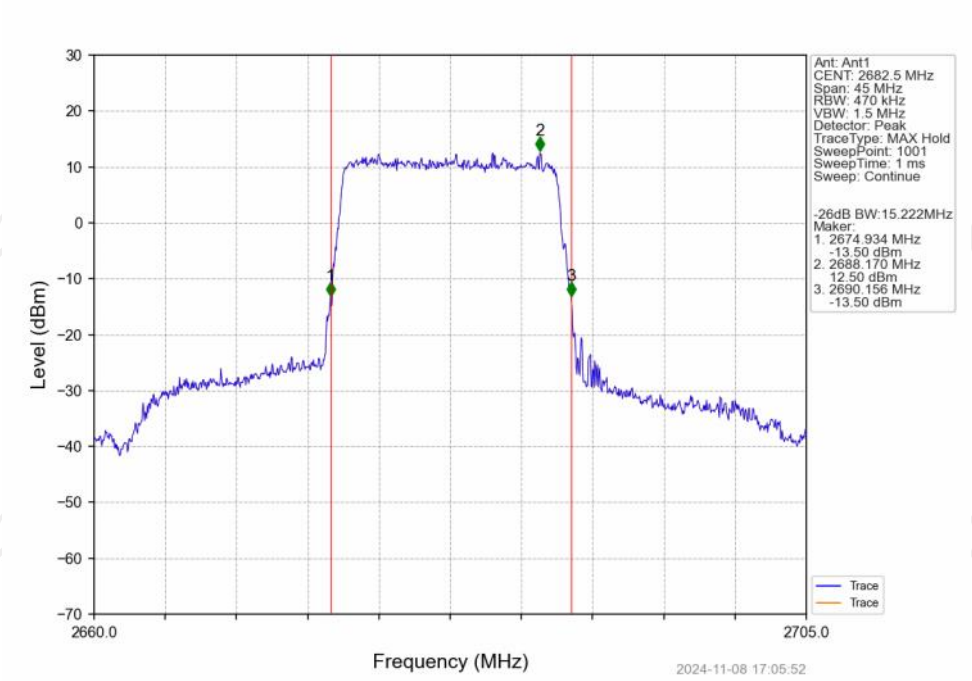
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



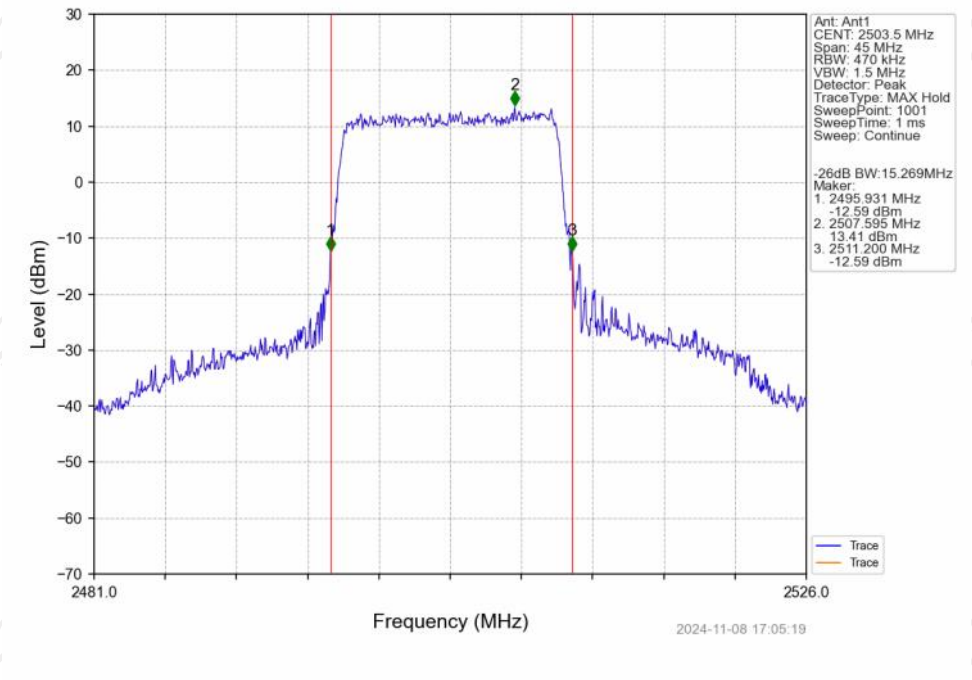
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



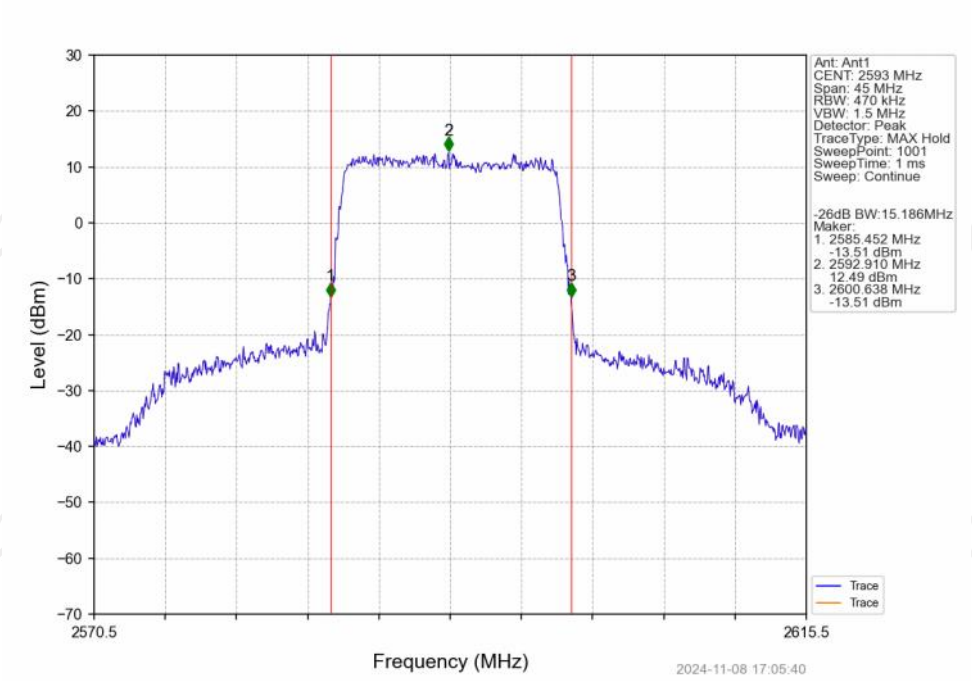
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



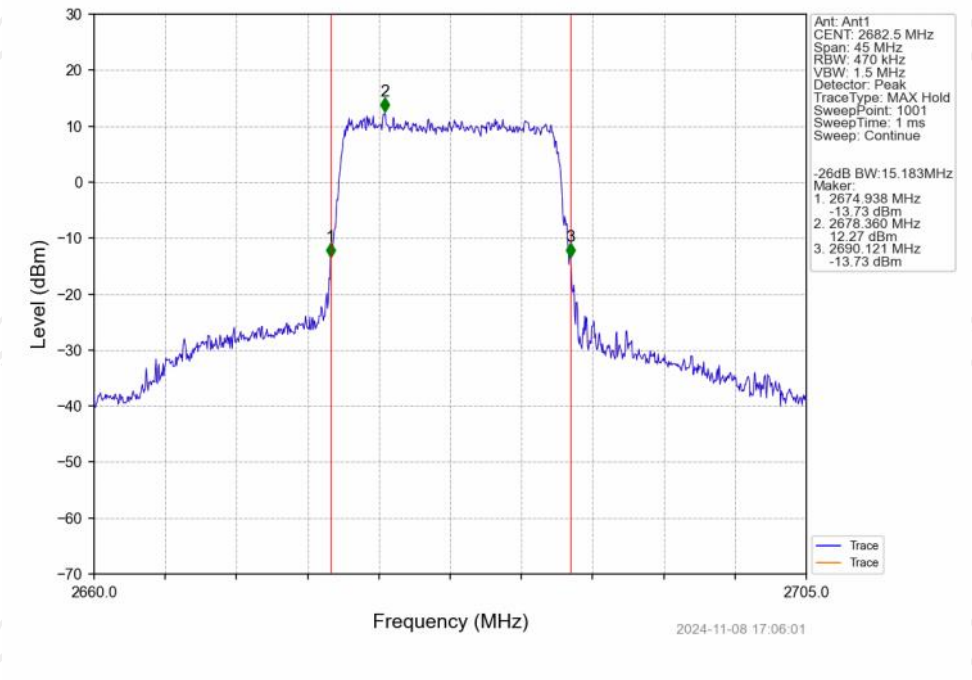
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



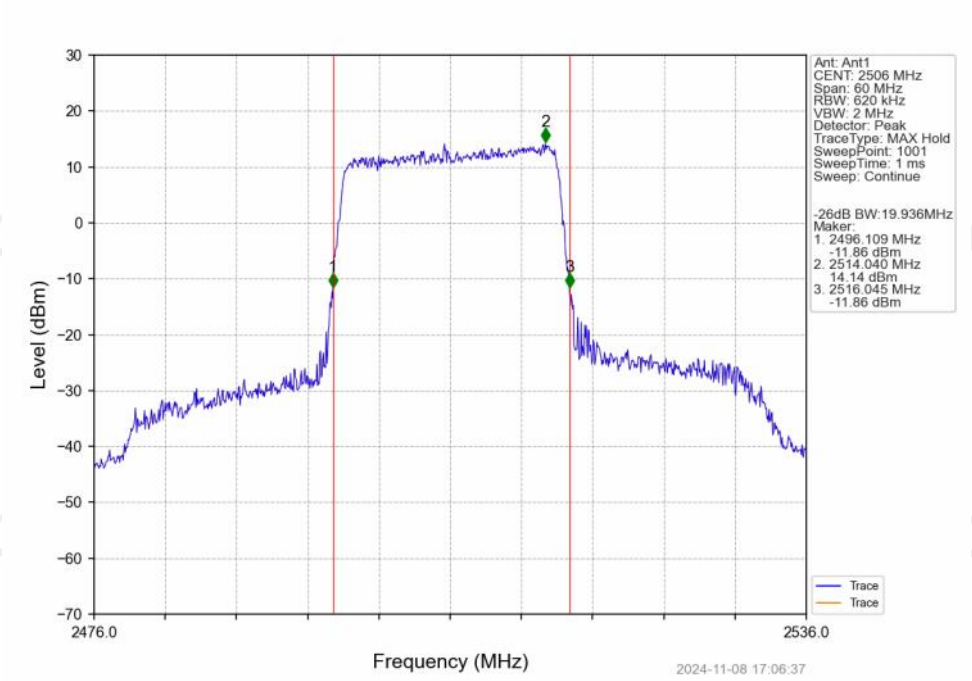
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



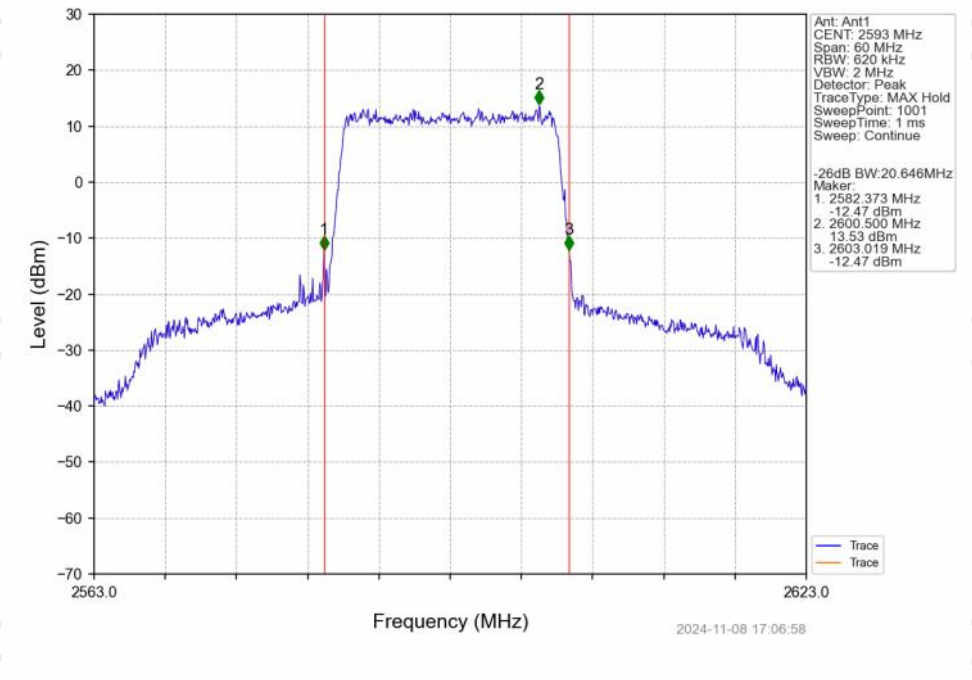
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



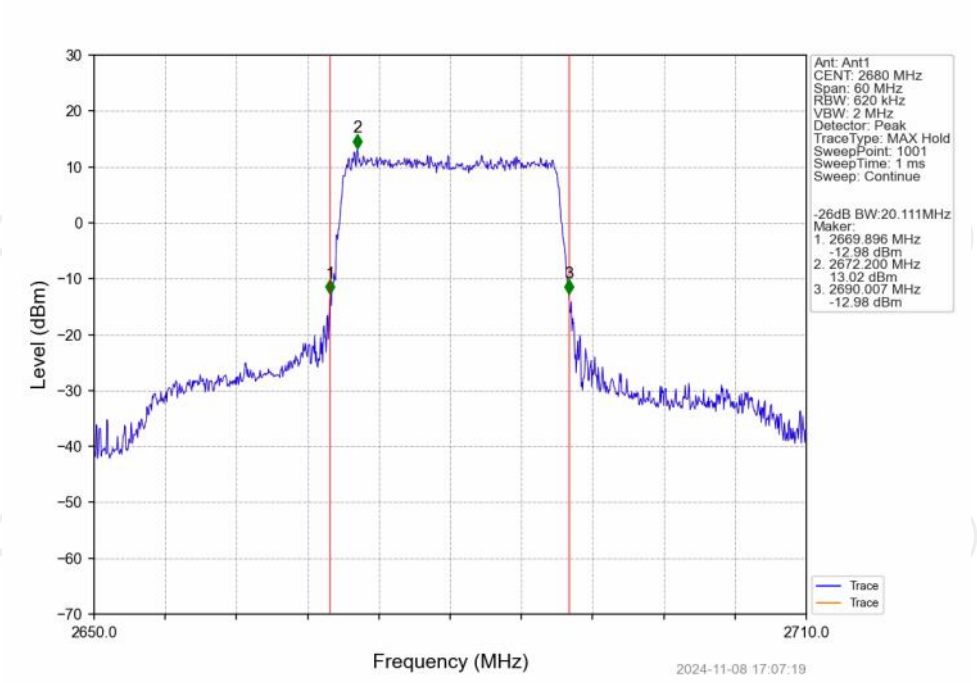
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



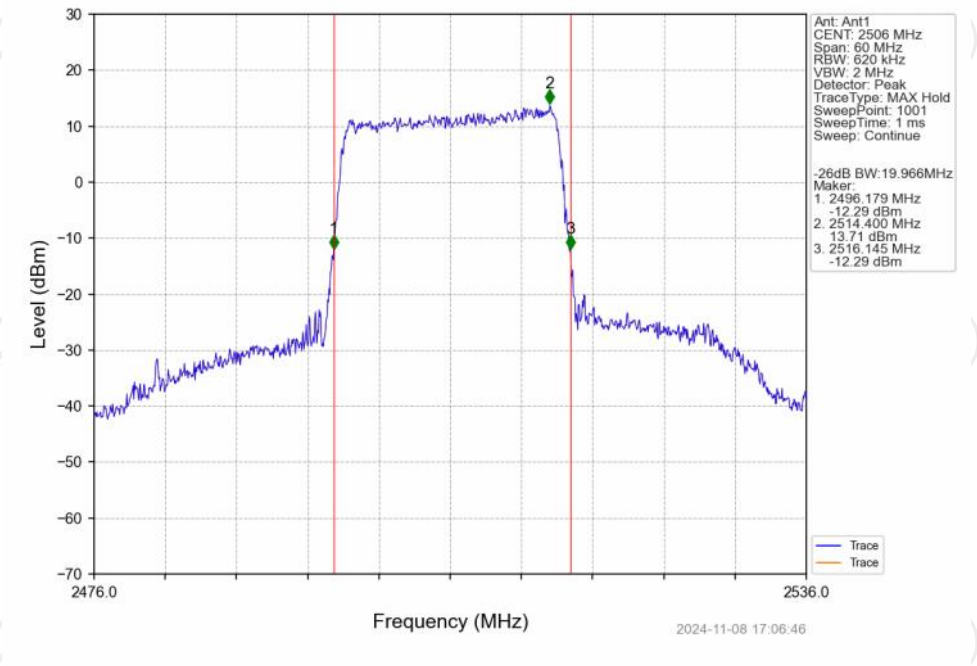
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



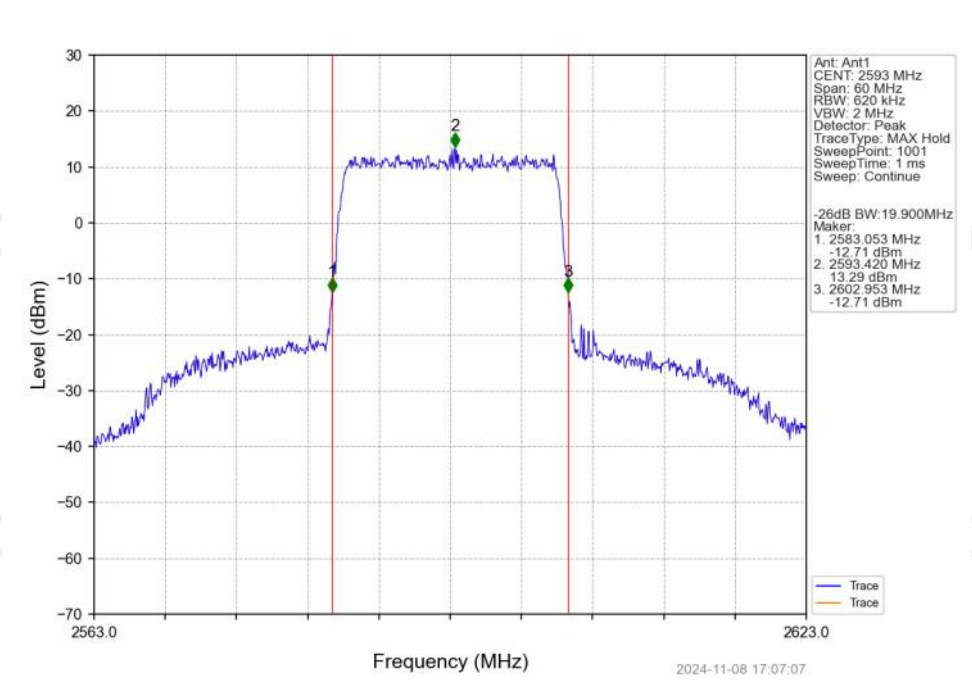
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



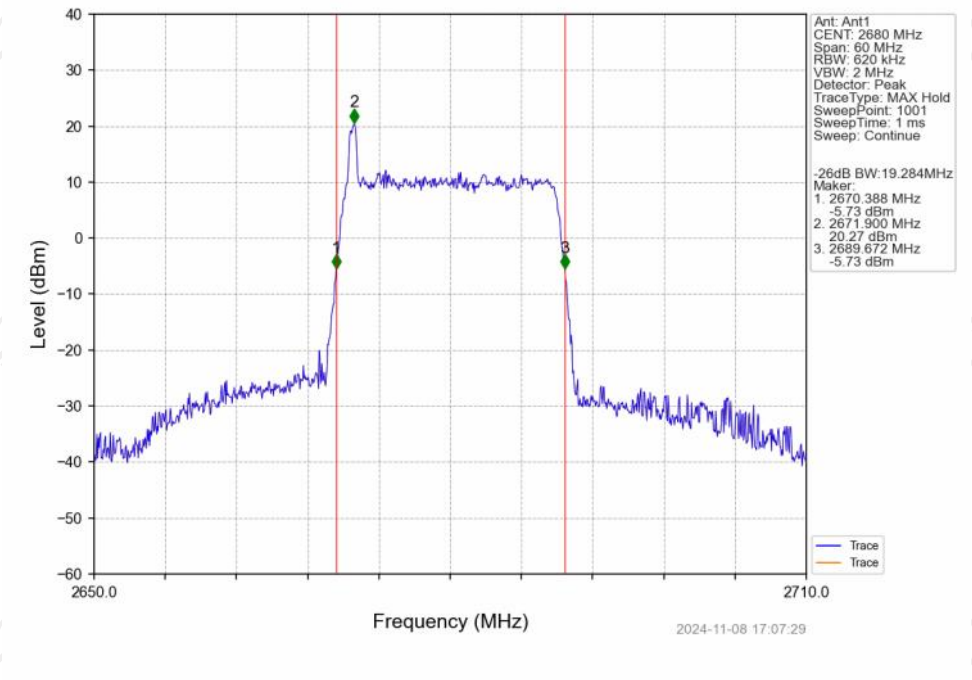
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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	2498.5	25	0	7.33	<=13	Pass
	2593	25	0	7.36	<=13	Pass
	2687.5	25	0	7.71	<=13	Pass
16QAM	2498.5	25	0	7.93	<=13	Pass
	2593	25	0	7.93	<=13	Pass
	2687.5	25	0	8.39	<=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	2501	50	0	7.46	<=13	Pass
	2593	50	0	7.55	<=13	Pass
	2685	50	0	7.63	<=13	Pass
16QAM	2501	50	0	8.09	<=13	Pass
	2593	50	0	8.11	<=13	Pass
	2685	50	0	8.39	<=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	2503.5	75	0	7.57	<=13	Pass
	2593	75	0	7.61	<=13	Pass
	2682.5	75	0	7.97	<=13	Pass
16QAM	2503.5	75	0	8.31	<=13	Pass
	2593	75	0	8.27	<=13	Pass
	2682.5	75	0	8.40	<=13	Pass

5.1.4 B41_20MHz

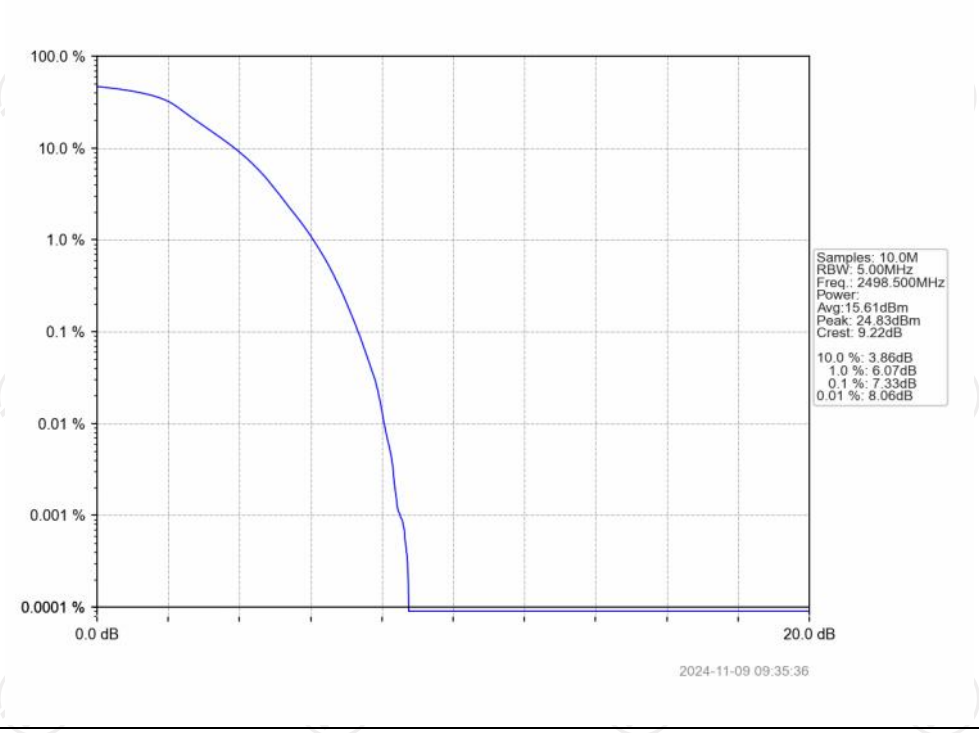
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.70	<=13	Pass
	2593	100	0	7.31	<=13	Pass
	2680	100	0	7.51	<=13	Pass
16QAM	2506	100	0	8.23	<=13	Pass
	2593	100	0	7.96	<=13	Pass

	2680	100	0	8.20	<=13	Pass

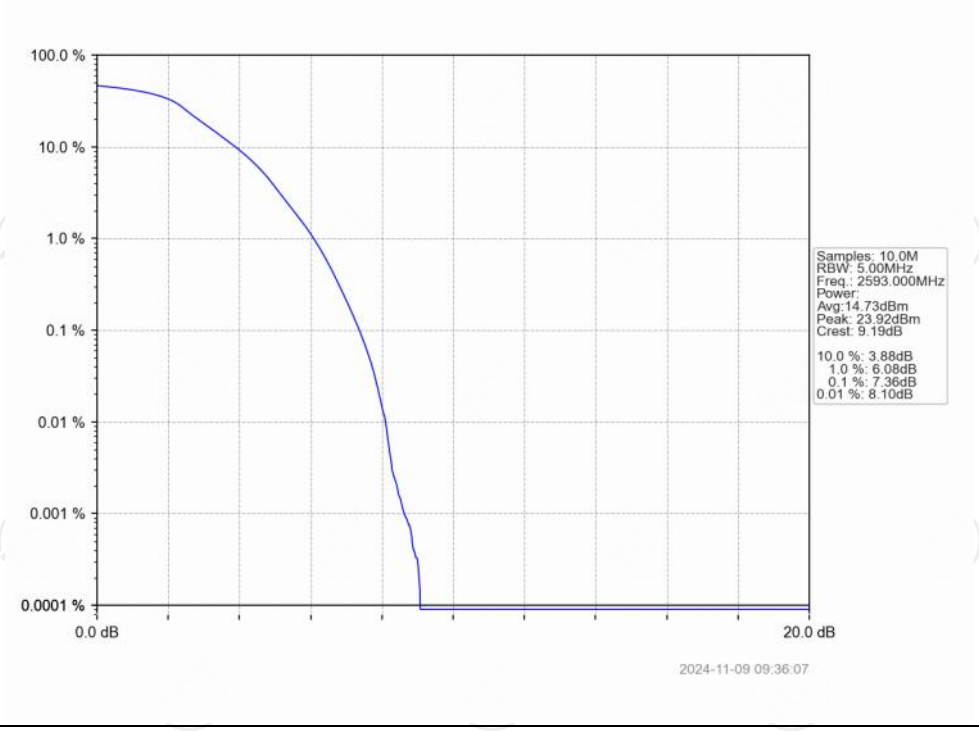
5.2 Test Graph

5.2.1 B41_5MHz

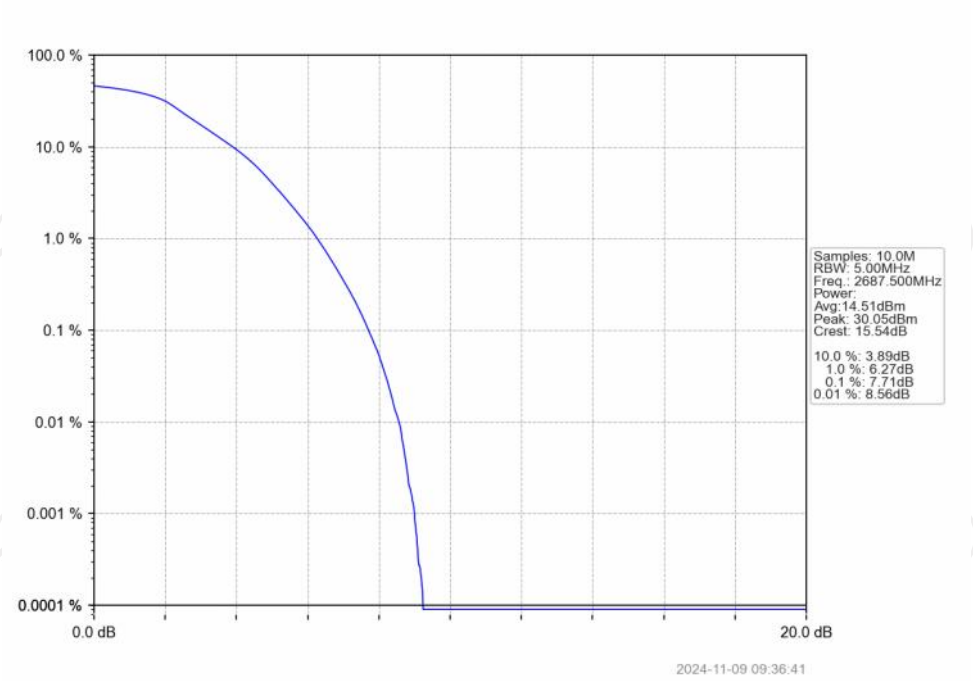
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



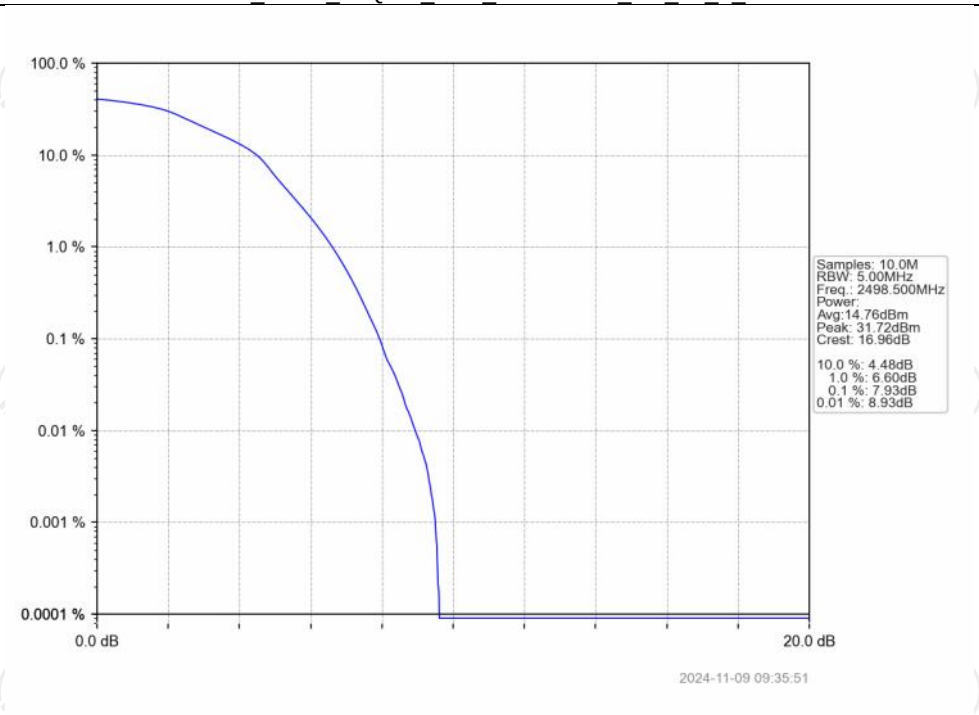
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



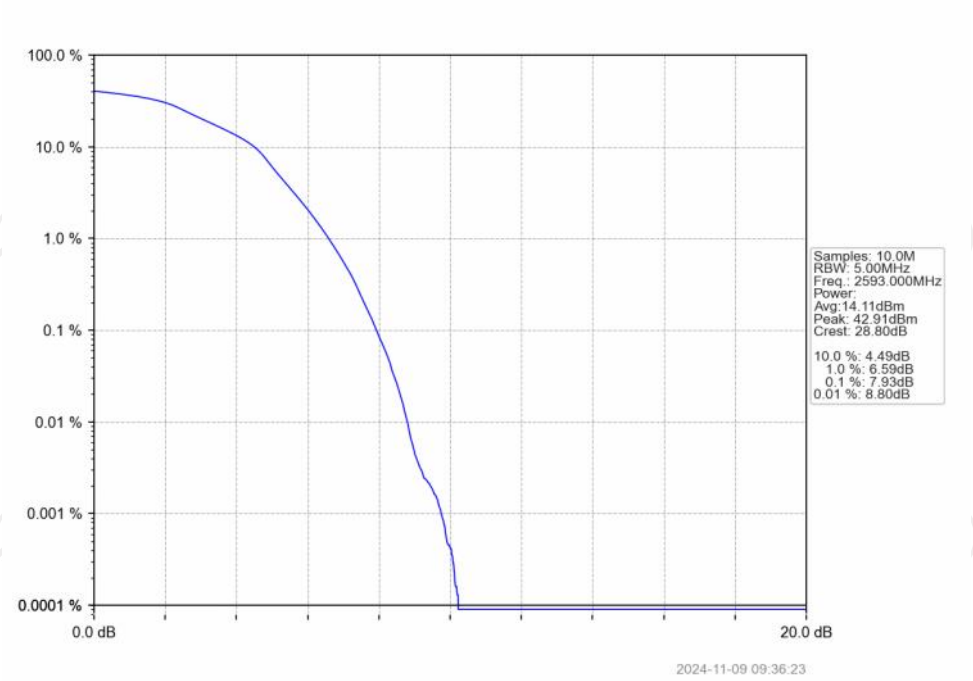
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



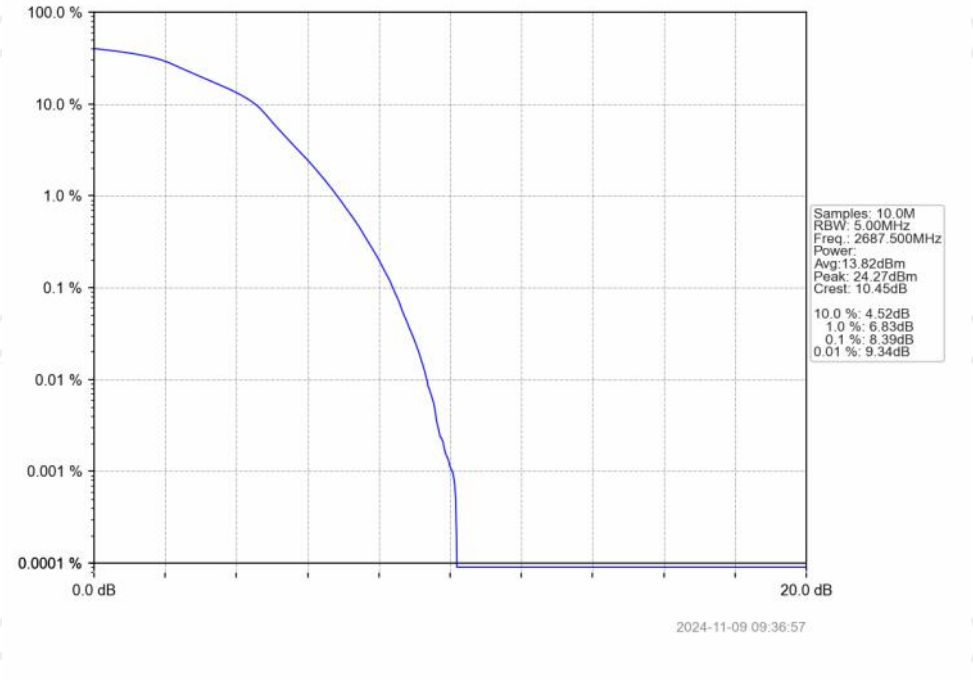
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

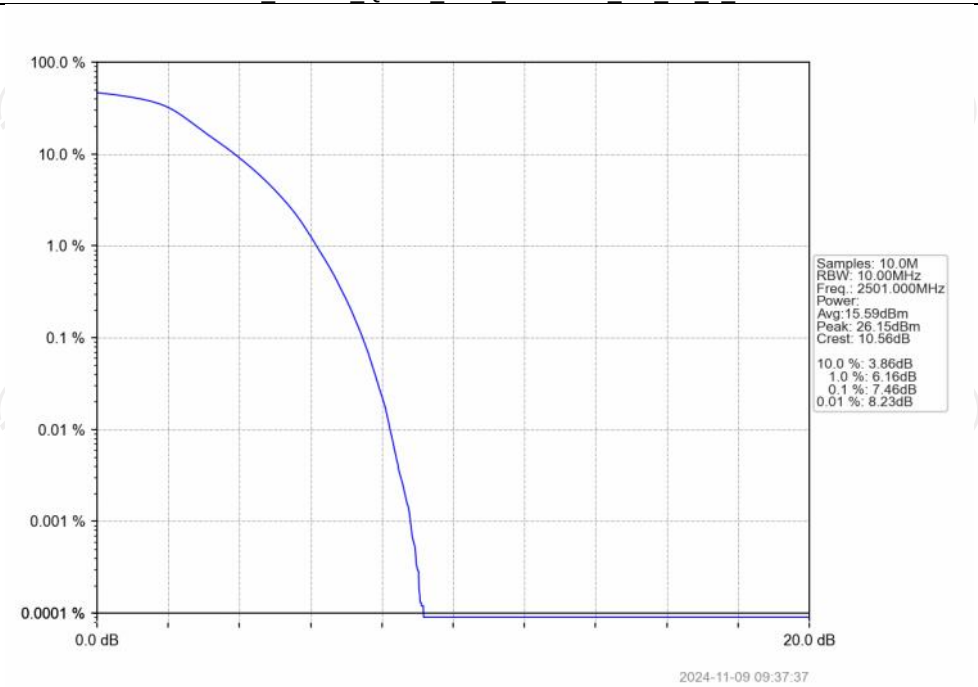


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

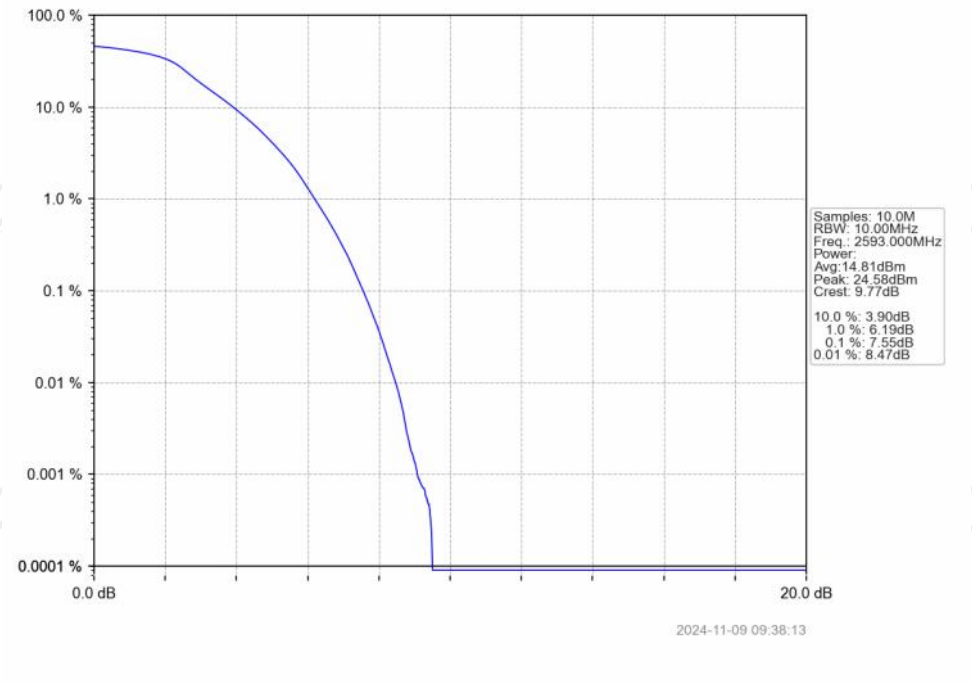


5.2.2 B41_10MHz

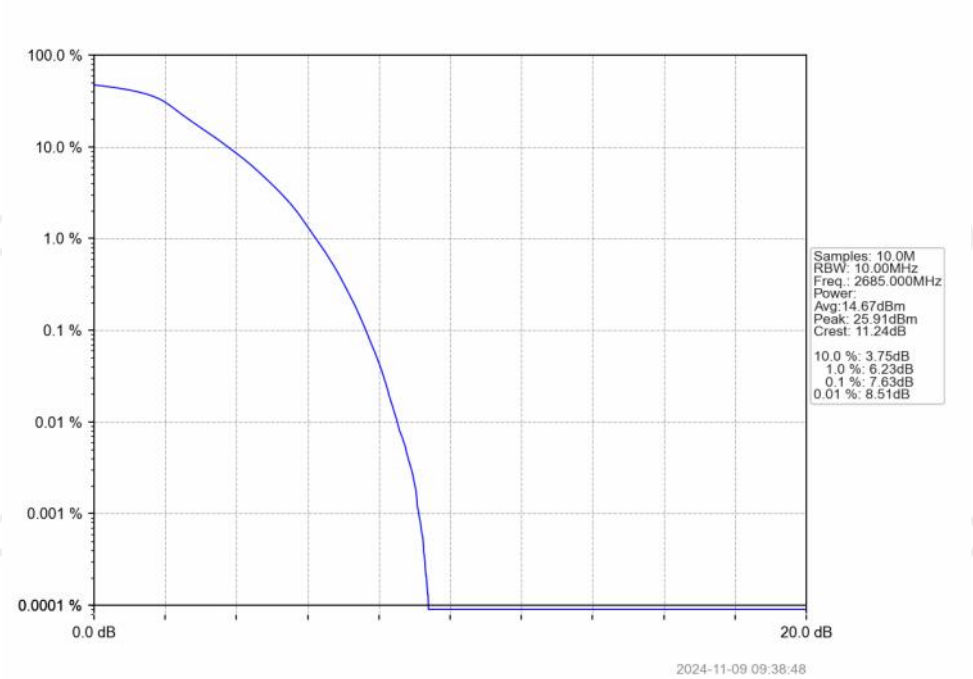
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



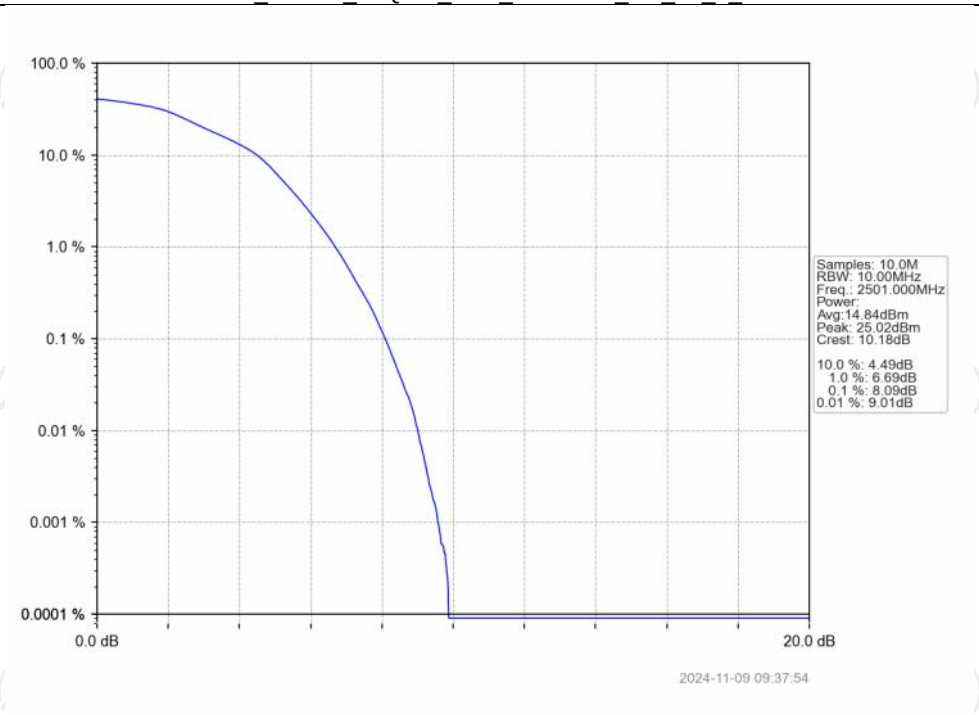
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



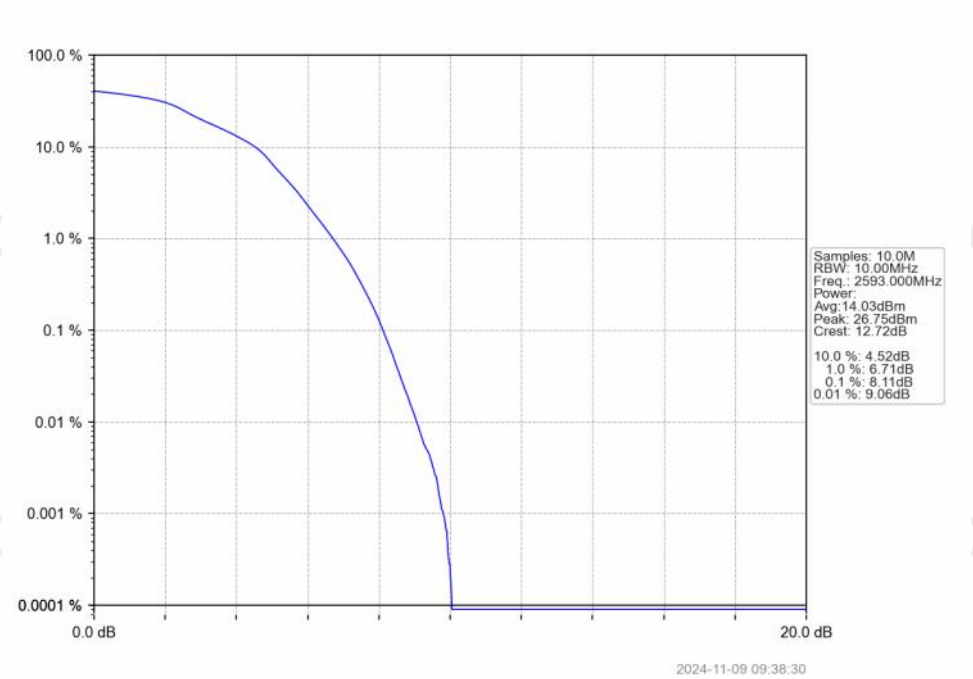
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



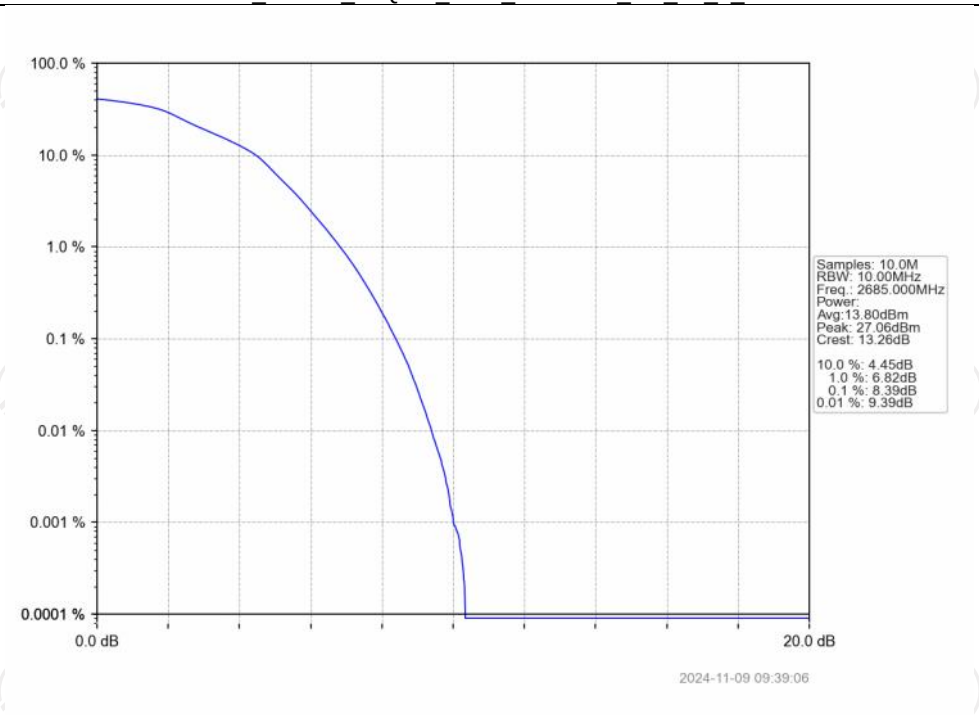
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

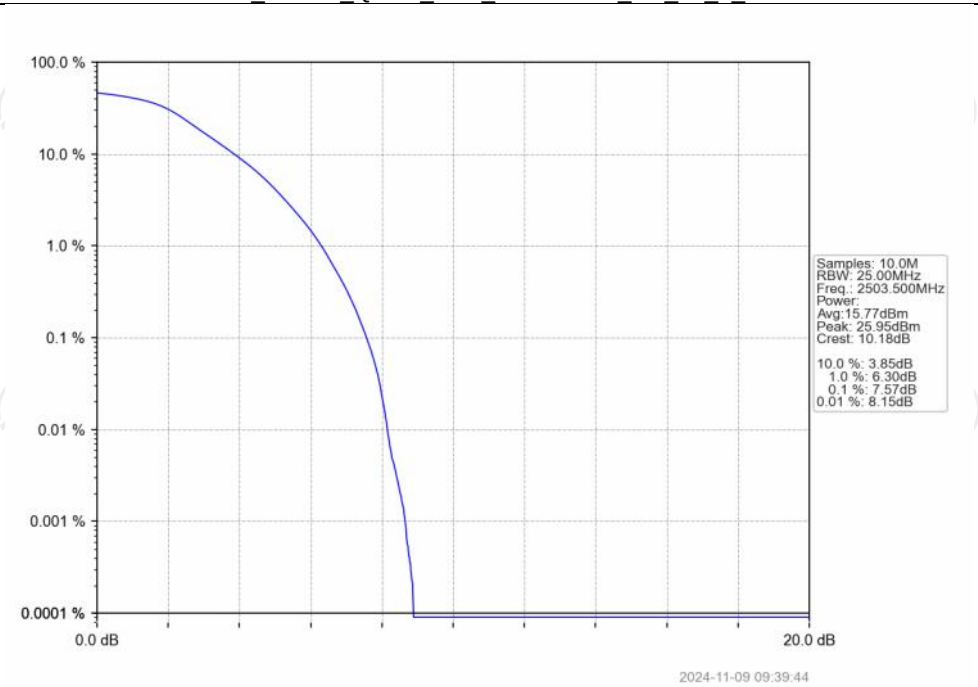


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

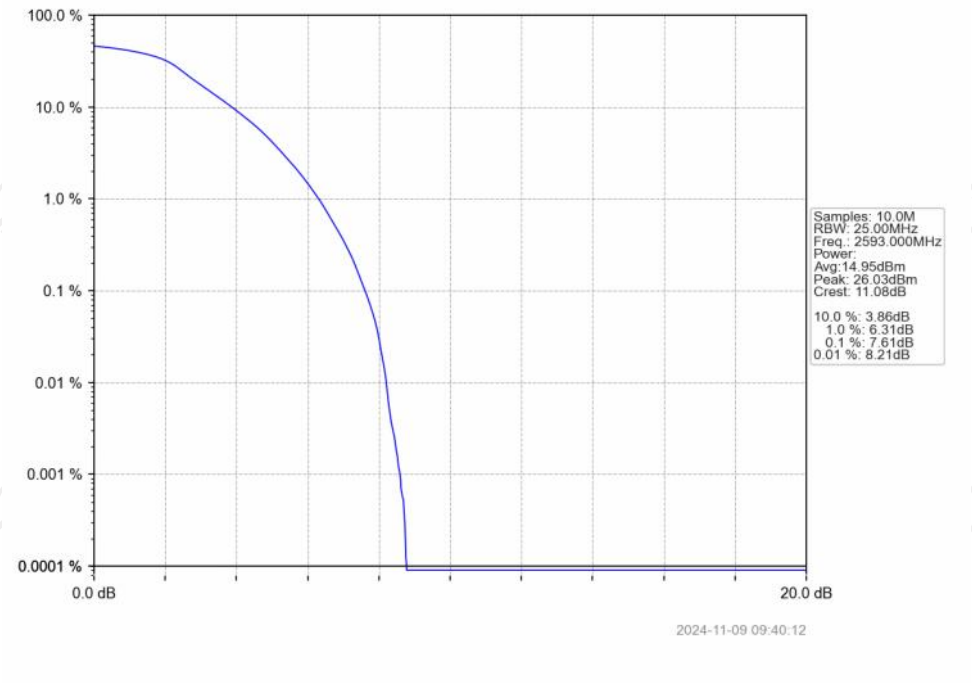


5.2.3 B41_15MHz

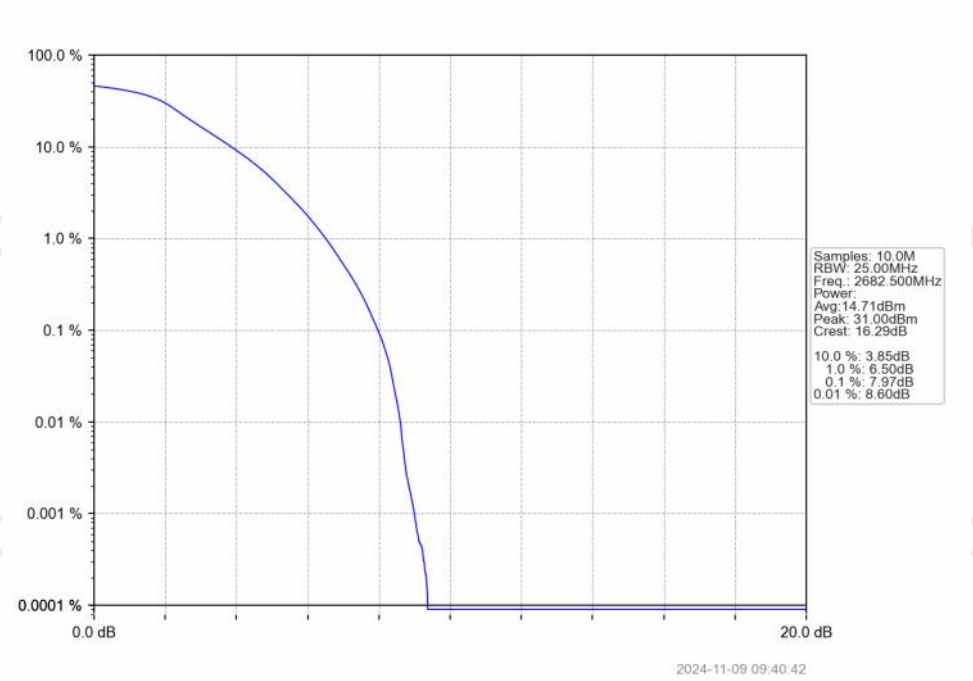
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



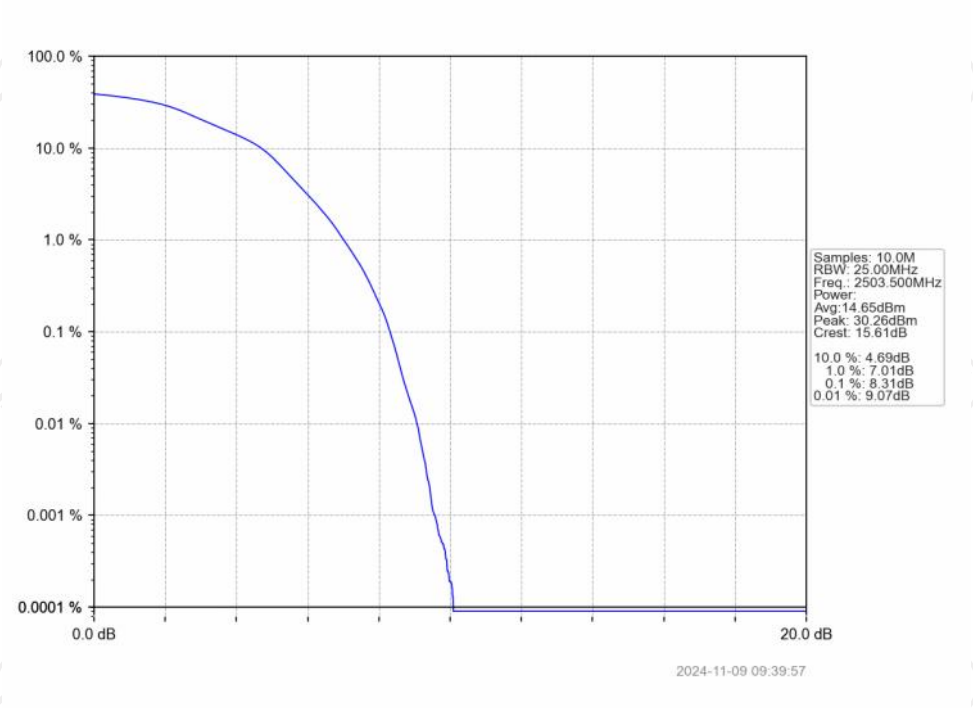
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



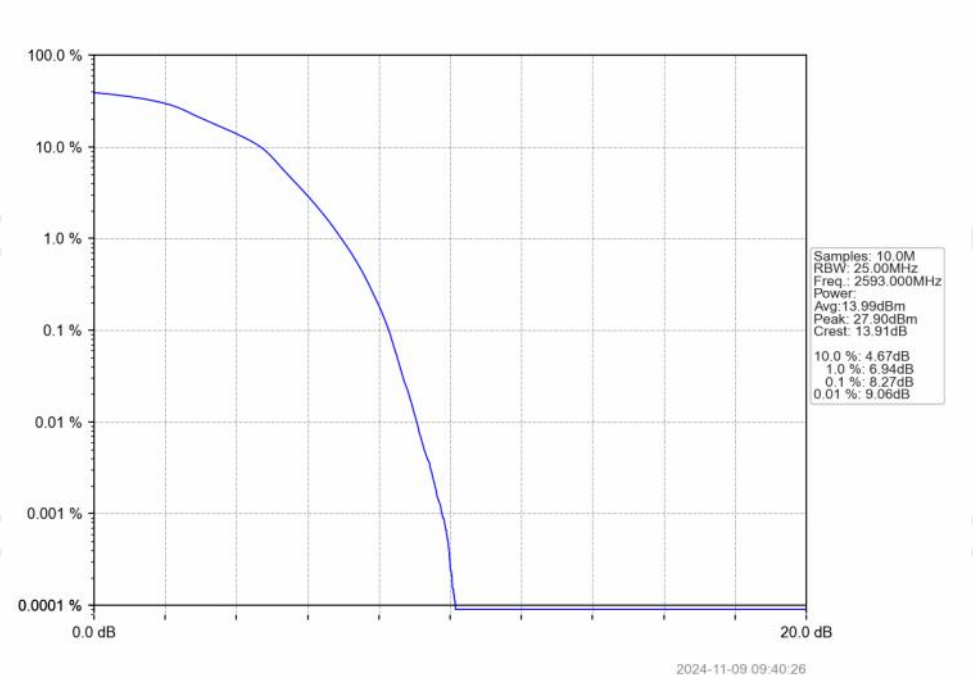
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



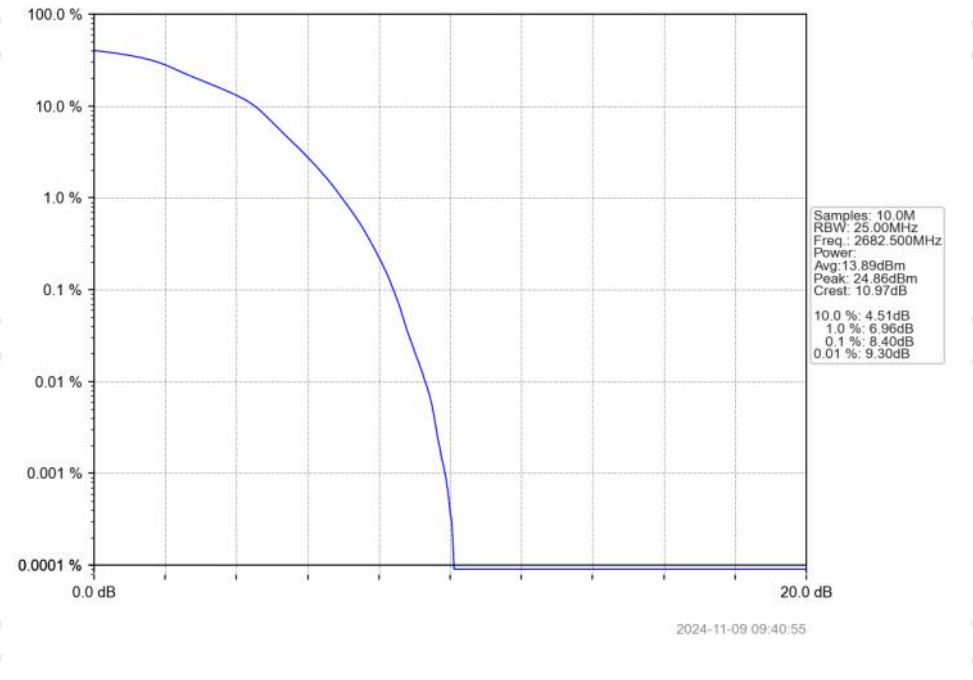
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

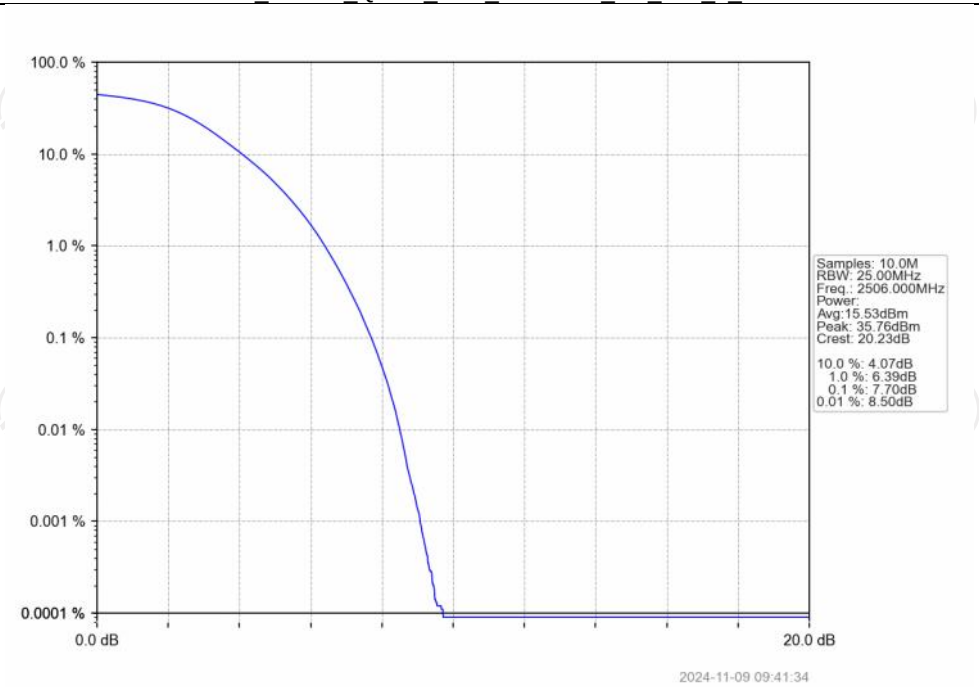


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

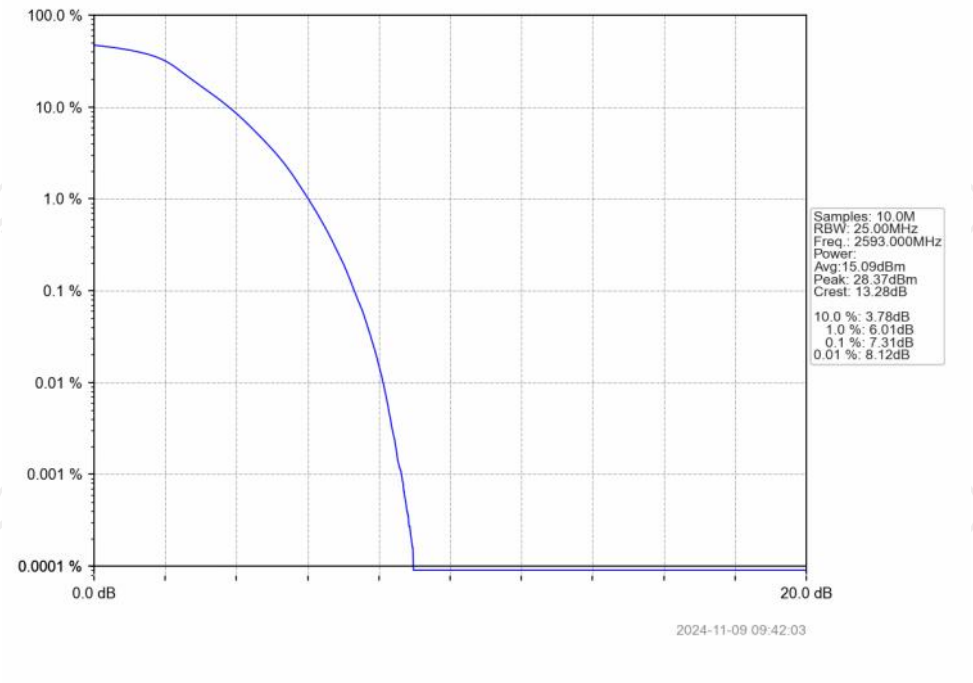


5.2.4 B41_20MHz

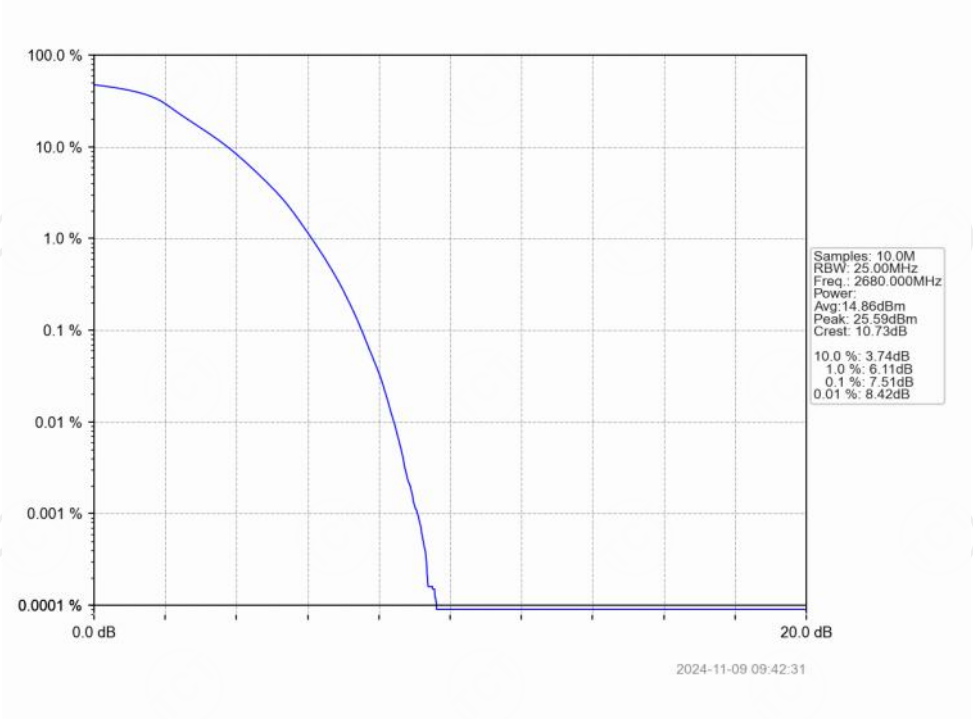
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



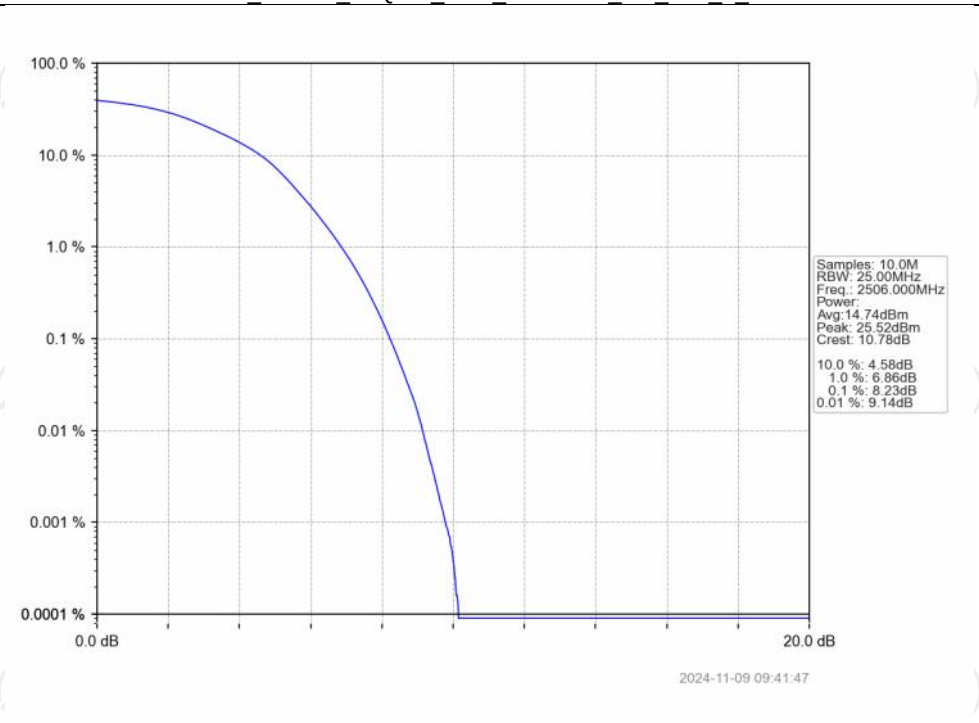
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



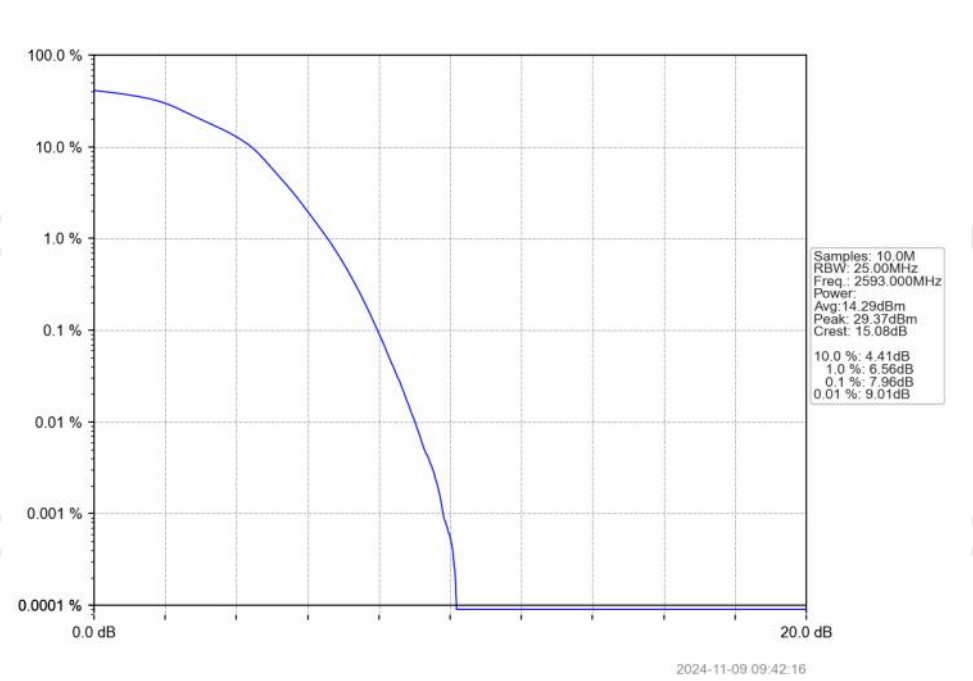
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



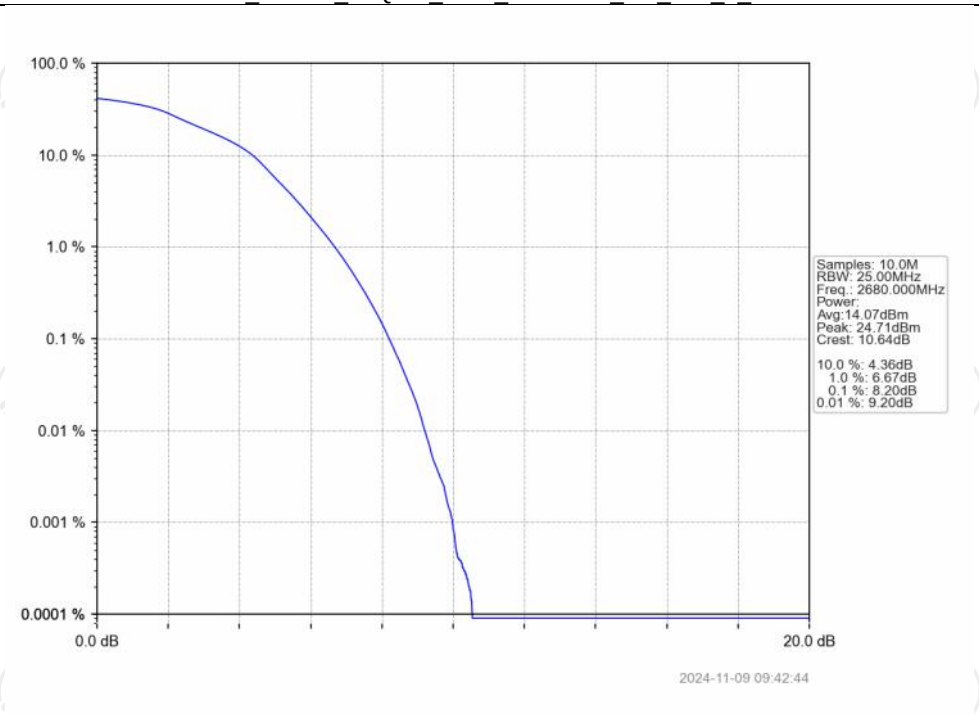
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 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

6.1.2 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

6.1.3 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

6.1.4 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

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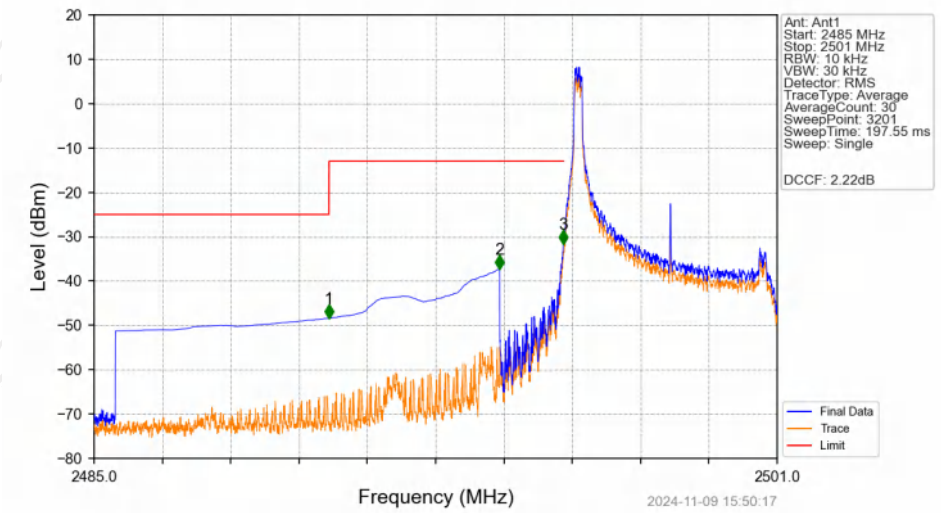
6.2 Test Graph

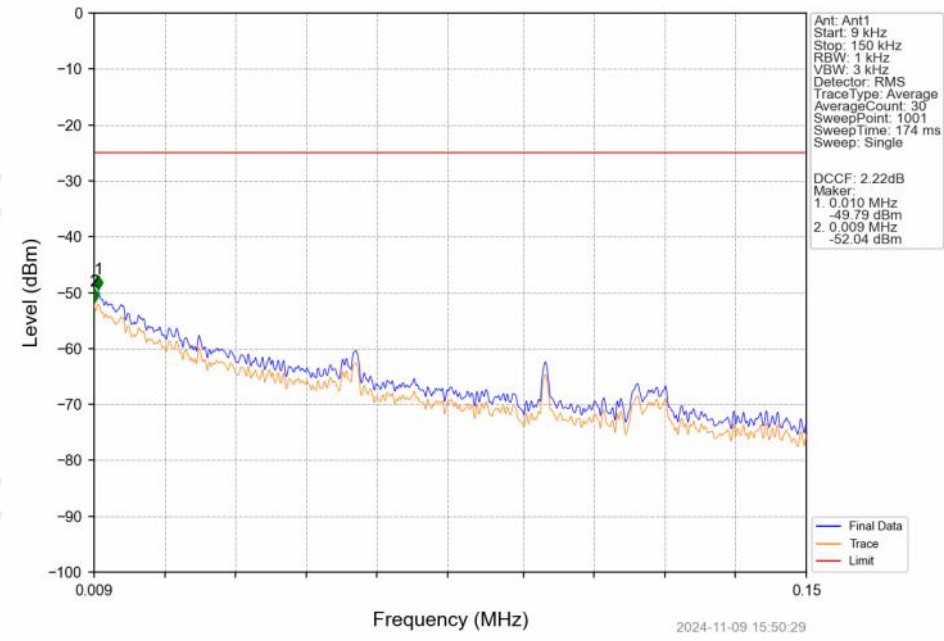
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

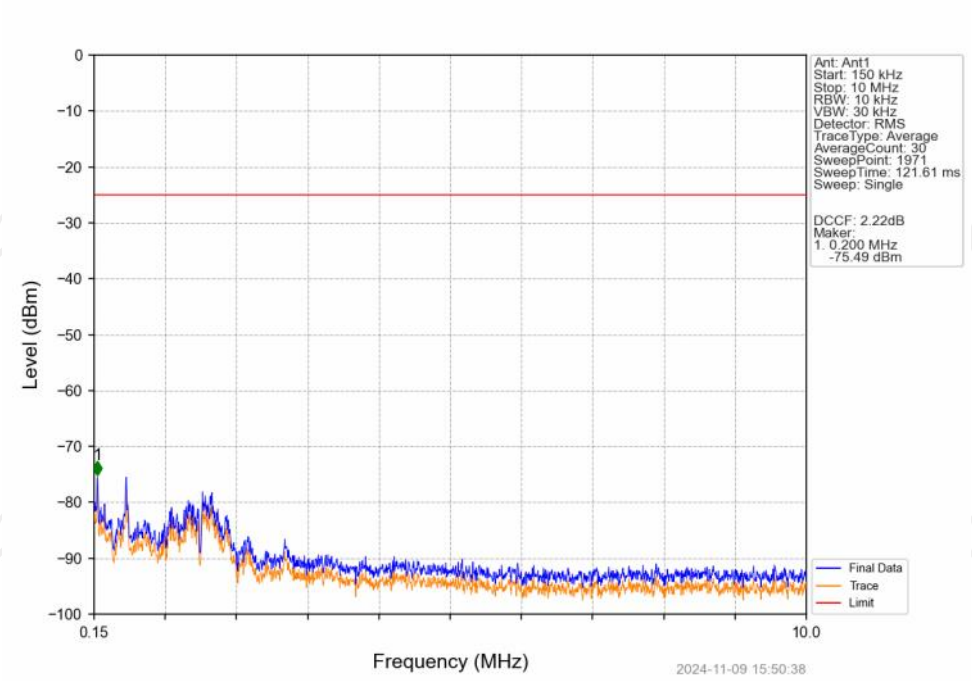


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-48.38	-25	Pass
2490.5	2495	1	CHP	2	2494.495	-37.33	-13	Pass
2495	2496	0.01	/	3	2495.995	-31.67	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

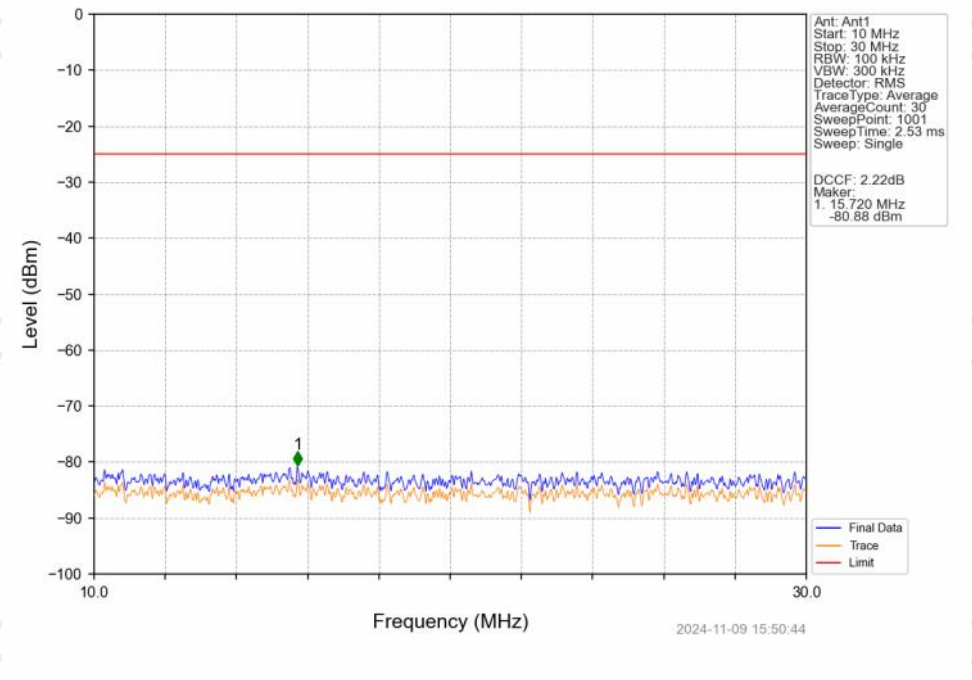
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



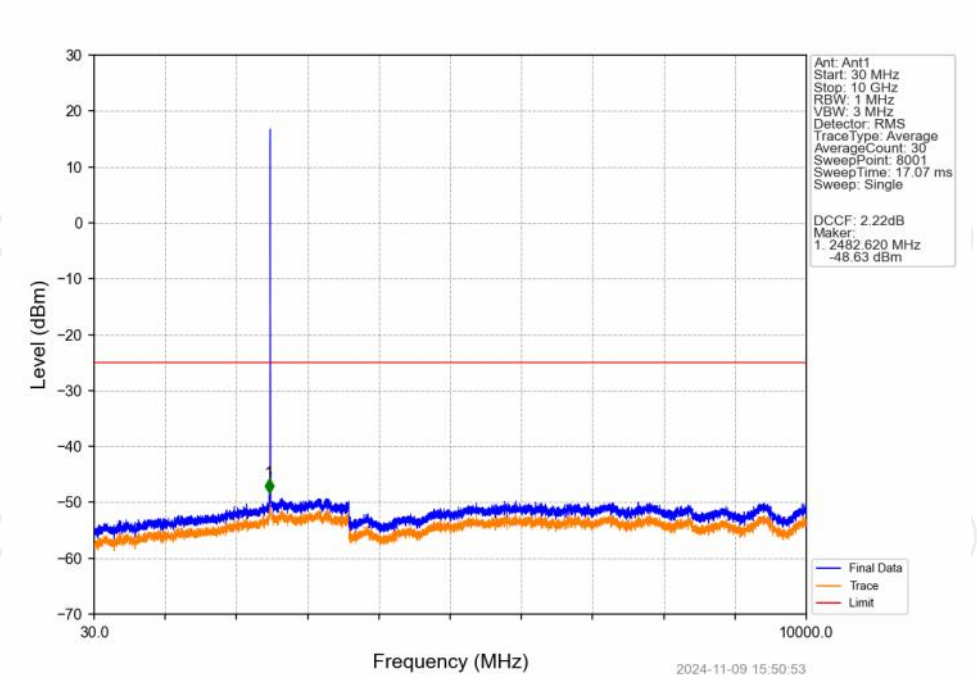
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



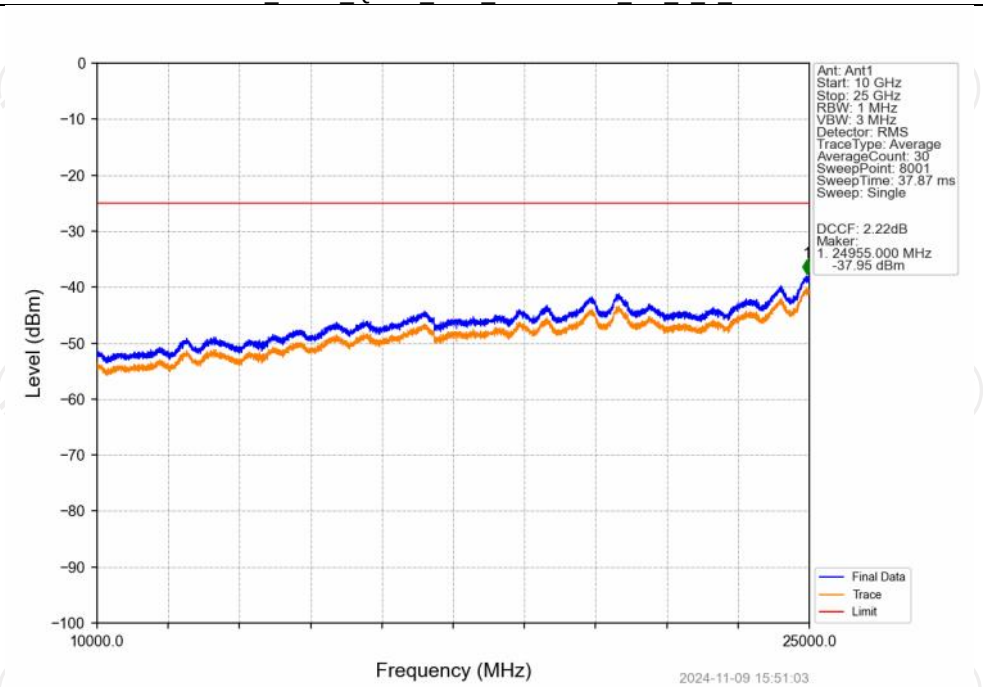
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



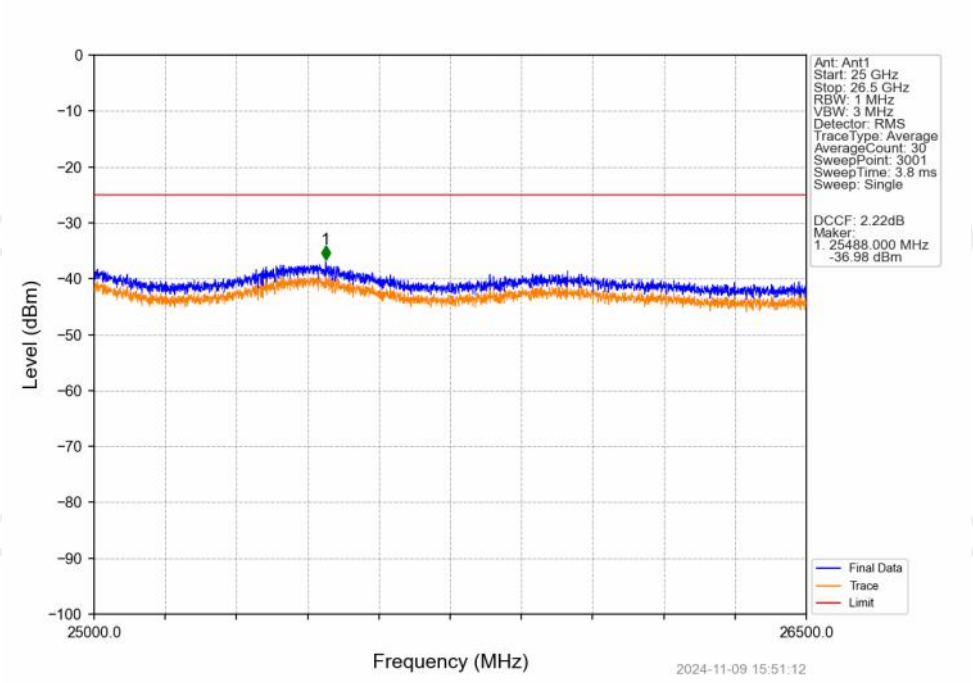
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



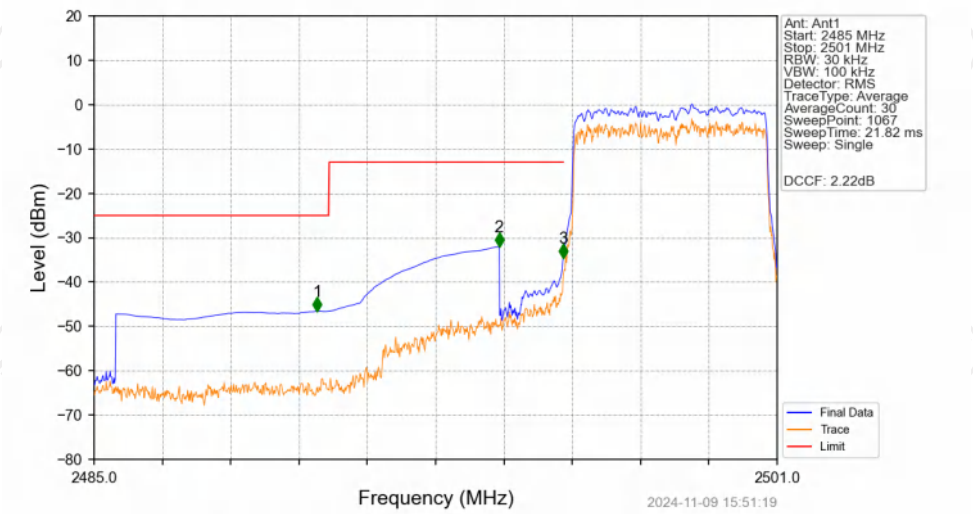
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

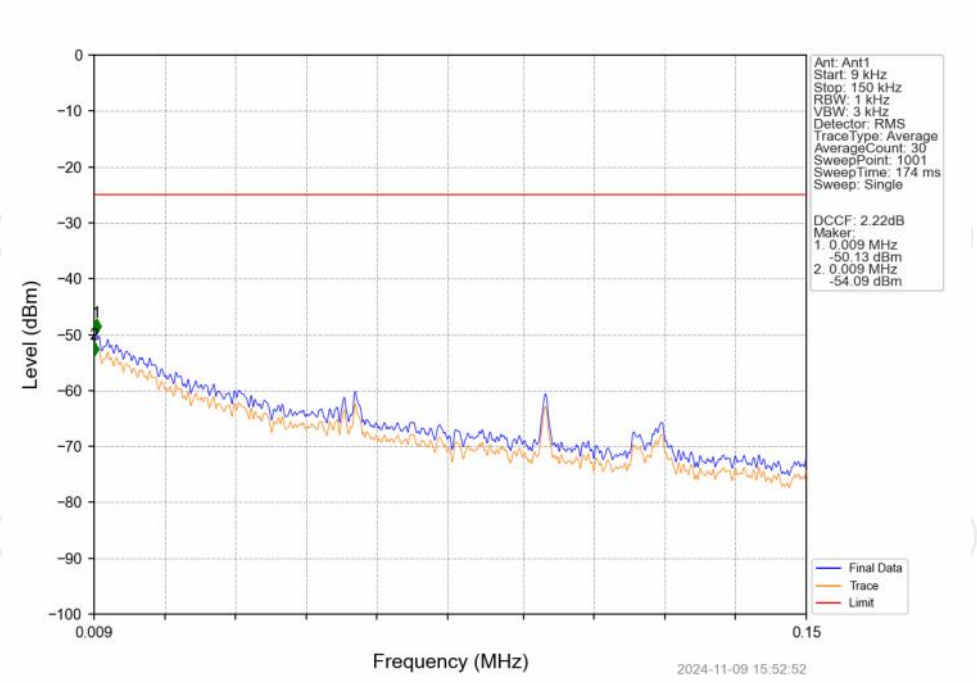


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

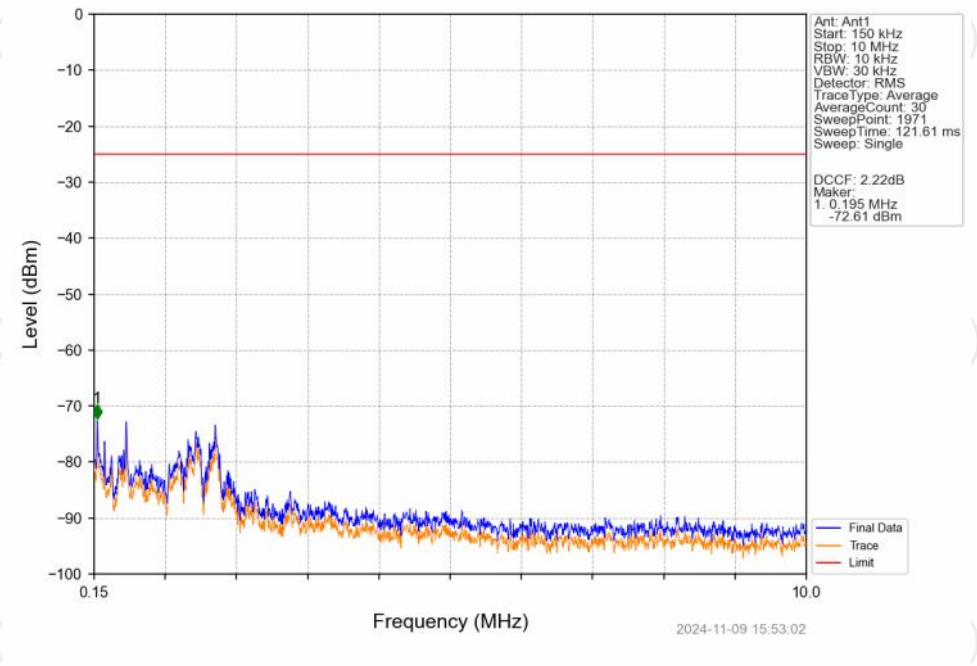


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.223	-46.58	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-32.06	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-34.56	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

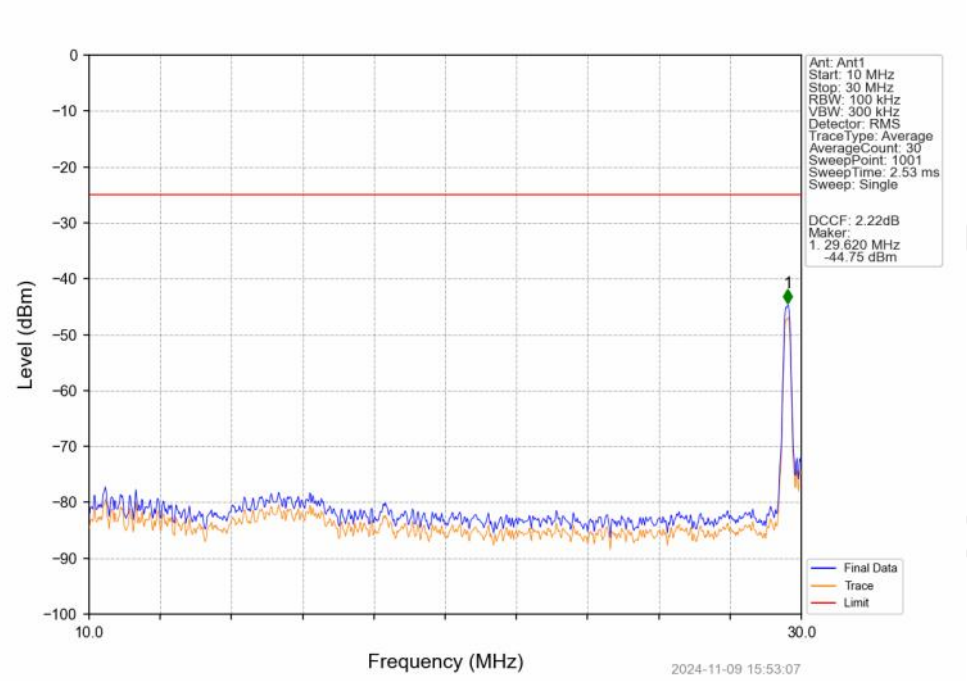
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



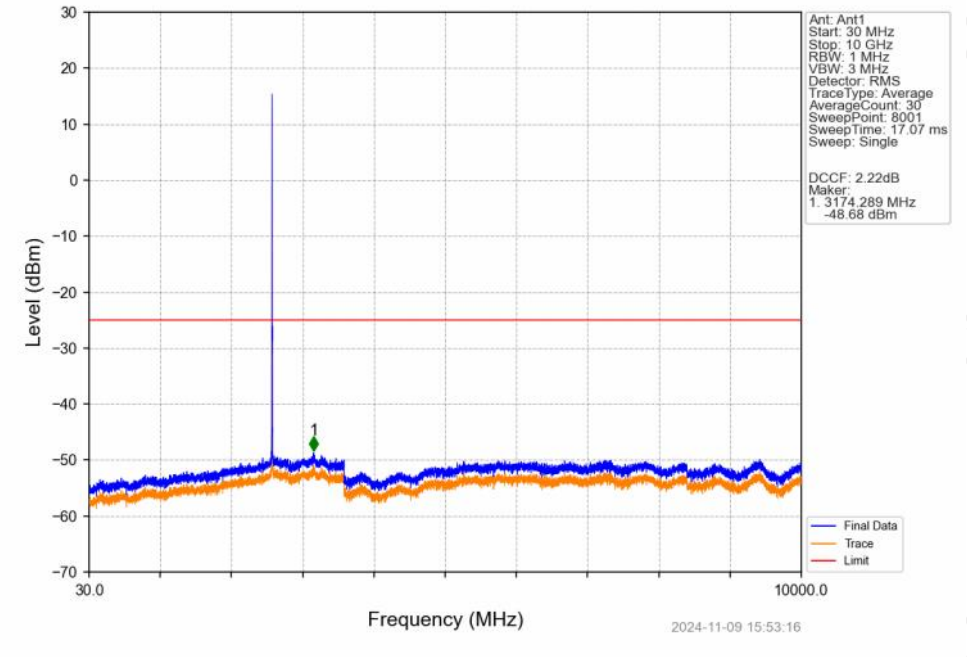
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



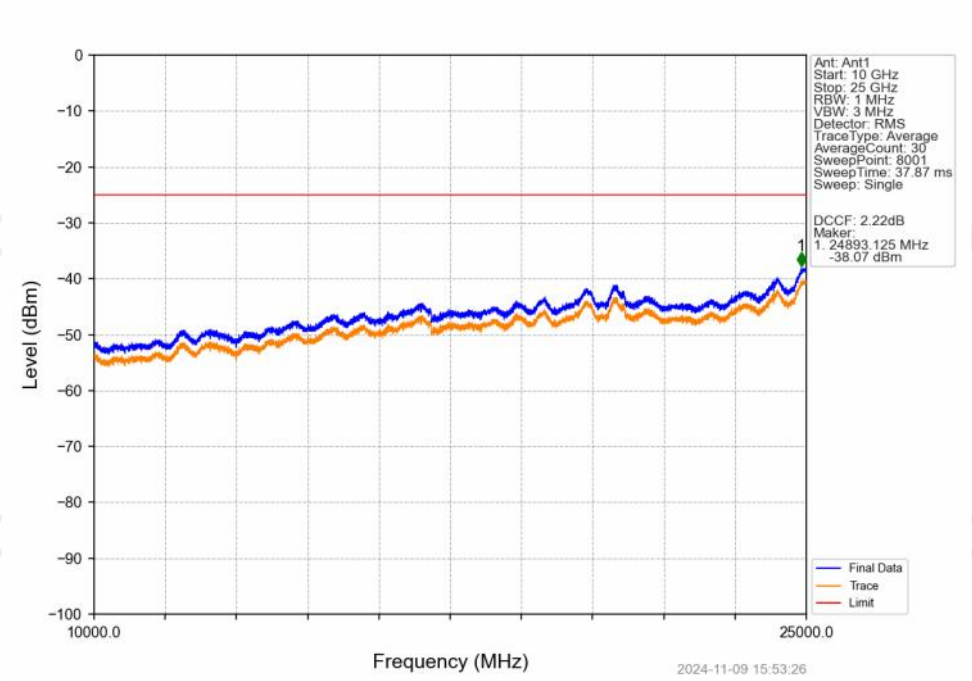
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



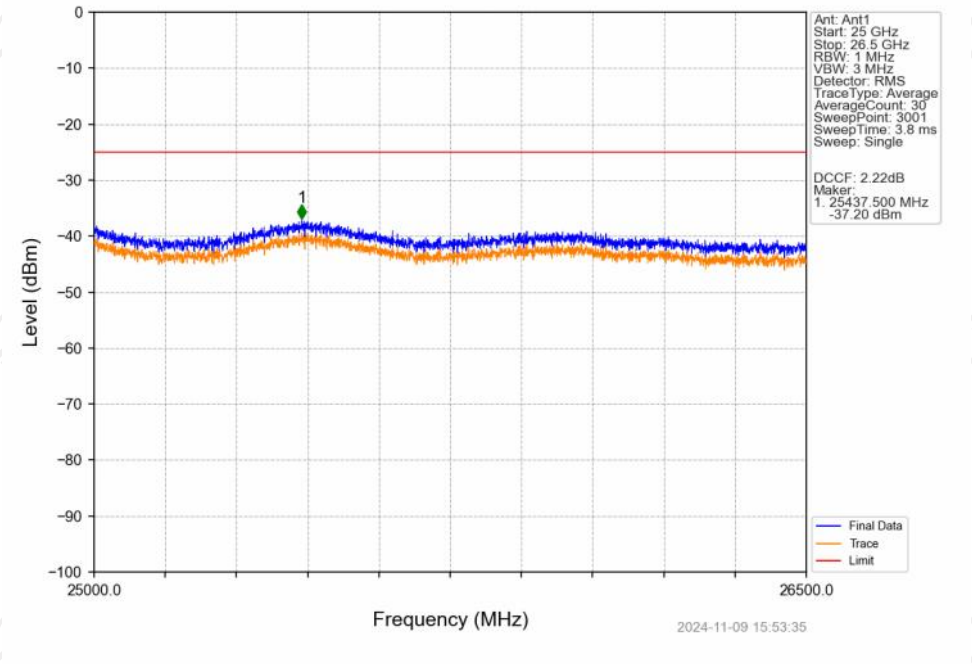
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



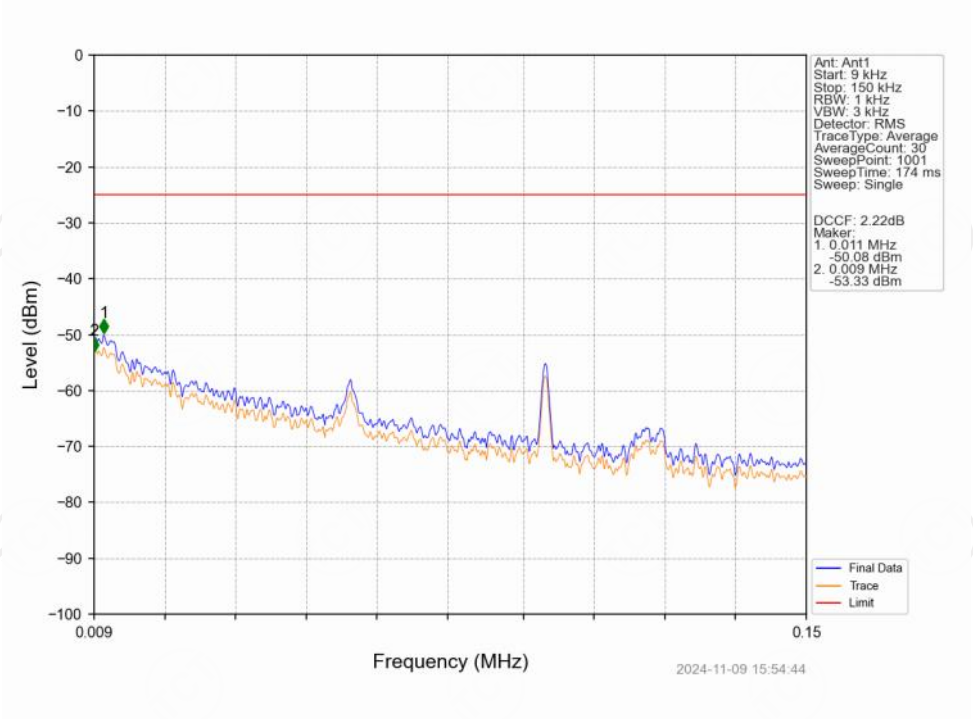
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



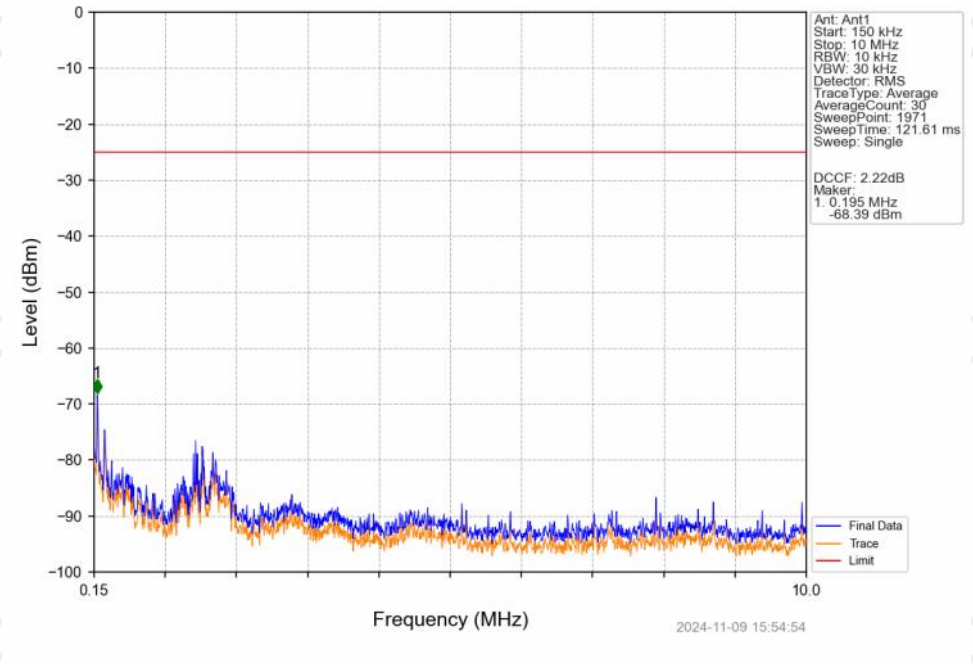
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



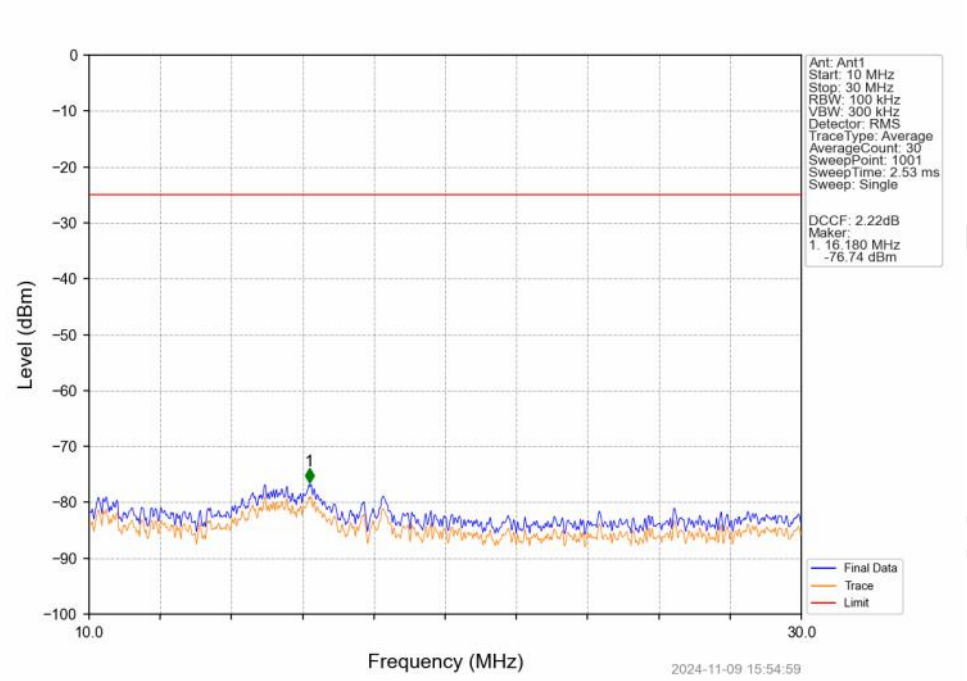
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



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_0_NTNV