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Appendix for LTE Band 41

Applicant: Howen Technologies Co., Ltd.

**Address: Room 2001 & 2004, Building 2A, Shenzhen International
Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen,
China**

Product Name: Mobile Digital Video Recorder

**Model: Hero-ME32-04, Hero-ME30-04, Hero-ME31-04, Hero-ME31-
08, Hero-ME31-12, Hero-ME31-16, Hero-ME32-06, Hero-ME32-08,
Hero-ME32-16, Hero-ME34-04, Hero-ME34-08**

FCC ID: 2AGBD-HERO-ME32-04

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1. Conducted Output Power

1.1 Test Result

1.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	2498.5	1	0	22.56	Pass
			13	22.63	Pass
			24	22.70	Pass
		12	0	21.77	Pass
			6	21.87	Pass
			13	21.79	Pass
		25	0	21.84	Pass
	2593	1	0	22.67	Pass
			13	22.95	Pass
			24	22.63	Pass
		12	0	22.02	Pass
			6	21.87	Pass
			13	21.93	Pass
		25	0	21.89	Pass
	2687.5	1	0	22.94	Pass
			13	22.96	Pass
			24	23.07	Pass
		12	0	21.95	Pass
			6	22.15	Pass
			13	22.06	Pass
		25	0	22.04	Pass
16QAM	2498.5	1	0	21.52	Pass
			13	21.35	Pass
			24	21.84	Pass
		12	0	20.73	Pass
			6	20.74	Pass
			13	20.83	Pass
		25	0	20.84	Pass
	2593	1	0	22.09	Pass
			13	21.39	Pass
			24	21.59	Pass
		12	0	20.94	Pass
			6	20.85	Pass
			13	20.73	Pass
		25	0	20.81	Pass
	2687.5	1	0	22.57	Pass
			13	22.57	Pass
			24	22.58	Pass
		12	0	20.82	Pass
			6	21.02	Pass
			13	21.04	Pass
		25	0	20.90	Pass

1.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV				
Modulation	Frequency	RB Allocation	Conducted Power	Verdict

	(MHz)	Size	Offset	(dBm)	
QPSK	2501	1	0	23.01	Pass
			25	23.02	Pass
			49	23.01	Pass
		25	0	22.12	Pass
			13	22.14	Pass
			25	21.99	Pass
		50	0	22.05	Pass
	2593	1	0	23.14	Pass
			25	23.01	Pass
			49	22.76	Pass
		25	0	22.32	Pass
			13	22.15	Pass
			25	22.09	Pass
		50	0	22.03	Pass
	2685	1	0	22.97	Pass
			25	23.08	Pass
			49	22.94	Pass
		25	0	22.22	Pass
			13	22.24	Pass
			25	22.19	Pass
		50	0	22.20	Pass
16QAM	2501	1	0	22.62	Pass
			25	22.82	Pass
			49	22.54	Pass
		25	0	21.25	Pass
			13	21.28	Pass
			25	21.04	Pass
		50	0	20.97	Pass
	2593	1	0	21.95	Pass
			25	21.82	Pass
			49	21.56	Pass
		25	0	21.28	Pass
			13	21.18	Pass
			25	21.07	Pass
		50	0	21.25	Pass
	2685	1	0	22.28	Pass
			25	22.75	Pass
			49	22.18	Pass
		25	0	21.06	Pass
			13	21.20	Pass
			25	21.16	Pass
		50	0	21.09	Pass

1.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	2503.5	1	0	22.88	Pass
			38	22.49	Pass
			74	22.59	Pass
		36	0	21.79	Pass
			18	21.71	Pass
			39	21.74	Pass
		75	0	21.72	Pass
	2593	1	0	23.01	Pass

			38	23.03	Pass
			74	22.80	Pass
			0	22.17	Pass
			18	22.02	Pass
			39	21.91	Pass
		75	0	21.89	Pass
	2682.5	1	0	22.83	Pass
			38	22.80	Pass
			74	22.73	Pass
		36	0	21.92	Pass
			18	21.97	Pass
			39	22.00	Pass
		75	0	21.94	Pass
	16QAM	2503.5	0	22.11	Pass
			38	21.41	Pass
			74	21.64	Pass
			0	20.80	Pass
			18	20.74	Pass
		36	39	20.46	Pass
			0	20.69	Pass
		2593	0	22.61	Pass
			38	22.91	Pass
			74	22.47	Pass
			0	21.45	Pass
			18	21.14	Pass
			39	21.02	Pass
		75	0	21.08	Pass
		2682.5	0	21.63	Pass
			38	21.76	Pass
			74	21.80	Pass
			0	20.86	Pass
			18	21.06	Pass
			39	20.88	Pass
		75	0	20.92	Pass

1.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	2506	1	0	22.72	Pass
			50	22.70	Pass
			99	22.81	Pass
		50	0	21.69	Pass
			25	21.72	Pass
			50	21.77	Pass
		100	0	21.72	Pass
	2593	1	0	22.92	Pass
			50	22.68	Pass
			99	22.51	Pass
		50	0	22.01	Pass
			25	22.01	Pass
			50	21.98	Pass
		100	0	22.09	Pass
	2680	1	0	23.09	Pass
			50	23.18	Pass
			99	23.09	Pass

16QAM		50	0	22.07	Pass
			25	22.19	Pass
			50	22.29	Pass
		100	0	22.23	Pass
	2506	1	0	22.04	Pass
			50	21.94	Pass
			99	22.47	Pass
		50	0	20.71	Pass
			25	20.79	Pass
			50	20.55	Pass
		100	0	20.66	Pass
	2593	1	0	22.73	Pass
			50	23.06	Pass
			99	22.61	Pass
		50	0	21.35	Pass
			25	21.35	Pass
			50	21.11	Pass
		100	0	21.21	Pass
	2680	1	0	22.00	Pass
			50	22.09	Pass
			99	21.58	Pass
		50	0	21.02	Pass
			25	21.10	Pass
			50	21.16	Pass
		100	0	21.08	Pass

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	24	9.0	1.645	0.0007	-2.5 to 2.5	Pass
					12.0	7.339	0.0029	-2.5 to 2.5	Pass
					36.0	1.616	0.0006	-2.5 to 2.5	Pass
				-20	12.0	-0.086	0.0000	-2.5 to 2.5	Pass
				-10	12.0	8.283	0.0033	-2.5 to 2.5	Pass
				0	12.0	0.787	0.0003	-2.5 to 2.5	Pass
				10	12.0	12.188	0.0049	-2.5 to 2.5	Pass
				30	12.0	2.561	0.0010	-2.5 to 2.5	Pass
				40	12.0	-0.014	0.0000	-2.5 to 2.5	Pass
				50	12.0	-1.445	-0.0006	-2.5 to 2.5	Pass
				60	12.0	0.014	0.0000	-2.5 to 2.5	Pass
				70	12.0	2.403	0.0010	-2.5 to 2.5	Pass
	2593	25	0	24	9.0	1.359	0.0005	-2.5 to 2.5	Pass
					12.0	10.357	0.0040	-2.5 to 2.5	Pass
					36.0	-0.916	-0.0004	-2.5 to 2.5	Pass
				-20	12.0	2.904	0.0011	-2.5 to 2.5	Pass
				-10	12.0	9.427	0.0036	-2.5 to 2.5	Pass
				0	12.0	10.600	0.0041	-2.5 to 2.5	Pass
				10	12.0	10.529	0.0041	-2.5 to 2.5	Pass
				30	12.0	2.346	0.0009	-2.5 to 2.5	Pass
				40	12.0	-0.014	0.0000	-2.5 to 2.5	Pass

	2687.5	25	0	50	12.0	0.372	0.0001	-2.5 to 2.5	Pass
				60	12.0	10.214	0.0039	-2.5 to 2.5	Pass
				70	12.0	9.928	0.0038	-2.5 to 2.5	Pass
				24	9.0	-0.544	-0.0002	-2.5 to 2.5	Pass
					12.0	3.319	0.0012	-2.5 to 2.5	Pass
					36.0	2.861	0.0011	-2.5 to 2.5	Pass
				-20	12.0	0.744	0.0003	-2.5 to 2.5	Pass
				-10	12.0	4.749	0.0018	-2.5 to 2.5	Pass
				0	12.0	5.622	0.0021	-2.5 to 2.5	Pass
				10	12.0	3.204	0.0012	-2.5 to 2.5	Pass
				30	12.0	1.502	0.0006	-2.5 to 2.5	Pass
				40	12.0	4.249	0.0016	-2.5 to 2.5	Pass
				50	12.0	1.316	0.0005	-2.5 to 2.5	Pass
				60	12.0	-0.143	-0.0001	-2.5 to 2.5	Pass
				70	12.0	-0.901	-0.0003	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	24	9.0	8.955	0.0036	-2.5 to 2.5	Pass
					12.0	9.427	0.0038	-2.5 to 2.5	Pass
					36.0	1.874	0.0008	-2.5 to 2.5	Pass
				-20	12.0	0.257	0.0001	-2.5 to 2.5	Pass
				-10	12.0	7.610	0.0030	-2.5 to 2.5	Pass
				0	12.0	-1.044	-0.0004	-2.5 to 2.5	Pass
				10	12.0	1.245	0.0005	-2.5 to 2.5	Pass
				30	12.0	1.287	0.0005	-2.5 to 2.5	Pass
				40	12.0	8.526	0.0034	-2.5 to 2.5	Pass
				50	12.0	0.587	0.0002	-2.5 to 2.5	Pass
				60	12.0	0.329	0.0001	-2.5 to 2.5	Pass
				70	12.0	-0.987	-0.0004	-2.5 to 2.5	Pass
	2593	25	0	24	9.0	2.890	0.0011	-2.5 to 2.5	Pass
					12.0	0.687	0.0003	-2.5 to 2.5	Pass
					36.0	-0.329	-0.0001	-2.5 to 2.5	Pass
				-20	12.0	4.692	0.0018	-2.5 to 2.5	Pass
				-10	12.0	5.207	0.0020	-2.5 to 2.5	Pass
				0	12.0	3.204	0.0012	-2.5 to 2.5	Pass
				10	12.0	3.018	0.0012	-2.5 to 2.5	Pass
				30	12.0	4.263	0.0016	-2.5 to 2.5	Pass
				40	12.0	2.174	0.0008	-2.5 to 2.5	Pass
				50	12.0	4.506	0.0017	-2.5 to 2.5	Pass
				60	12.0	9.155	0.0035	-2.5 to 2.5	Pass
				70	12.0	3.018	0.0012	-2.5 to 2.5	Pass
	2687.5	25	0	24	9.0	4.578	0.0017	-2.5 to 2.5	Pass
					12.0	6.781	0.0025	-2.5 to 2.5	Pass
					36.0	4.835	0.0018	-2.5 to 2.5	Pass
				-20	12.0	6.251	0.0023	-2.5 to 2.5	Pass
				-10	12.0	1.116	0.0004	-2.5 to 2.5	Pass
				0	12.0	-0.730	-0.0003	-2.5 to 2.5	Pass
				10	12.0	4.935	0.0018	-2.5 to 2.5	Pass
				30	12.0	4.892	0.0018	-2.5 to 2.5	Pass
				40	12.0	1.645	0.0006	-2.5 to 2.5	Pass
				50	12.0	-2.317	-0.0009	-2.5 to 2.5	Pass
				60	12.0	6.337	0.0024	-2.5 to 2.5	Pass
				70	12.0	8.154	0.0030	-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	24	9.0	2.561	0.0010	-2.5 to 2.5	Pass
					12.0	3.090	0.0012	-2.5 to 2.5	Pass
					36.0	3.848	0.0015	-2.5 to 2.5	Pass
				-20	12.0	9.713	0.0039	-2.5 to 2.5	Pass
				-10	12.0	11.401	0.0046	-2.5 to 2.5	Pass
				0	12.0	4.478	0.0018	-2.5 to 2.5	Pass
				10	12.0	1.988	0.0008	-2.5 to 2.5	Pass
				30	12.0	9.069	0.0036	-2.5 to 2.5	Pass
				40	12.0	8.855	0.0035	-2.5 to 2.5	Pass
				50	12.0	2.646	0.0011	-2.5 to 2.5	Pass
				60	12.0	9.899	0.0040	-2.5 to 2.5	Pass
				70	12.0	3.018	0.0012	-2.5 to 2.5	Pass
	2593	50	0	24	9.0	1.216	0.0005	-2.5 to 2.5	Pass
					12.0	7.668	0.0030	-2.5 to 2.5	Pass
					36.0	8.082	0.0031	-2.5 to 2.5	Pass
				-20	12.0	6.037	0.0023	-2.5 to 2.5	Pass
				-10	12.0	8.340	0.0032	-2.5 to 2.5	Pass
				0	12.0	7.067	0.0027	-2.5 to 2.5	Pass
				10	12.0	0.257	0.0001	-2.5 to 2.5	Pass
				30	12.0	7.982	0.0031	-2.5 to 2.5	Pass
				40	12.0	6.924	0.0027	-2.5 to 2.5	Pass
				50	12.0	2.074	0.0008	-2.5 to 2.5	Pass
				60	12.0	0.229	0.0001	-2.5 to 2.5	Pass
				70	12.0	8.526	0.0033	-2.5 to 2.5	Pass
	2685	50	0	24	9.0	-4.449	-0.0017	-2.5 to 2.5	Pass
					12.0	-3.490	-0.0013	-2.5 to 2.5	Pass
					36.0	0.873	0.0003	-2.5 to 2.5	Pass
				-20	12.0	0.901	0.0003	-2.5 to 2.5	Pass
				-10	12.0	1.359	0.0005	-2.5 to 2.5	Pass
				0	12.0	-4.606	-0.0017	-2.5 to 2.5	Pass
				10	12.0	4.406	0.0016	-2.5 to 2.5	Pass
				30	12.0	1.817	0.0007	-2.5 to 2.5	Pass
				40	12.0	3.734	0.0014	-2.5 to 2.5	Pass
				50	12.0	4.706	0.0018	-2.5 to 2.5	Pass
				60	12.0	-4.435	-0.0017	-2.5 to 2.5	Pass
				70	12.0	-4.706	-0.0018	-2.5 to 2.5	Pass
16QAM	2501	50	0	24	9.0	9.284	0.0037	-2.5 to 2.5	Pass
					12.0	10.271	0.0041	-2.5 to 2.5	Pass
					36.0	5.965	0.0024	-2.5 to 2.5	Pass
				-20	12.0	8.068	0.0032	-2.5 to 2.5	Pass
				-10	12.0	9.570	0.0038	-2.5 to 2.5	Pass
				0	12.0	11.129	0.0044	-2.5 to 2.5	Pass
				10	12.0	11.158	0.0045	-2.5 to 2.5	Pass
				30	12.0	3.676	0.0015	-2.5 to 2.5	Pass
				40	12.0	2.704	0.0011	-2.5 to 2.5	Pass
				50	12.0	7.925	0.0032	-2.5 to 2.5	Pass
				60	12.0	10.901	0.0044	-2.5 to 2.5	Pass
				70	12.0	4.935	0.0020	-2.5 to 2.5	Pass
	2593	50	0	24	9.0	9.284	0.0036	-2.5 to 2.5	Pass
					12.0	7.310	0.0028	-2.5 to 2.5	Pass
					36.0	9.742	0.0038	-2.5 to 2.5	Pass
				-20	12.0	5.665	0.0022	-2.5 to 2.5	Pass
				-10	12.0	11.115	0.0043	-2.5 to 2.5	Pass
				0	12.0	0.787	0.0003	-2.5 to 2.5	Pass
				10	12.0	1.588	0.0006	-2.5 to 2.5	Pass
				30	12.0	-0.386	-0.0001	-2.5 to 2.5	Pass
				40	12.0	10.099	0.0039	-2.5 to 2.5	Pass
				50	12.0	0.529	0.0002	-2.5 to 2.5	Pass
				60	12.0	8.512	0.0033	-2.5 to 2.5	Pass

	2685	50	0	70	12.0	0.014	0.0000	-2.5 to 2.5	Pass
				24	9.0	-3.190	-0.0012	-2.5 to 2.5	Pass
					12.0	-1.459	-0.0005	-2.5 to 2.5	Pass
					36.0	4.191	0.0016	-2.5 to 2.5	Pass
				-20	12.0	-3.762	-0.0014	-2.5 to 2.5	Pass
				-10	12.0	0.916	0.0003	-2.5 to 2.5	Pass
				0	12.0	1.559	0.0006	-2.5 to 2.5	Pass
				10	12.0	-3.119	-0.0012	-2.5 to 2.5	Pass
				30	12.0	-2.789	-0.0010	-2.5 to 2.5	Pass
				40	12.0	6.051	0.0023	-2.5 to 2.5	Pass
				50	12.0	4.821	0.0018	-2.5 to 2.5	Pass
				60	12.0	-4.320	-0.0016	-2.5 to 2.5	Pass
				70	12.0	-3.548	-0.0013	-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	24	9.0	-4.463	-0.0018	-2.5 to 2.5	Pass
					12.0	-3.576	-0.0014	-2.5 to 2.5	Pass
					36.0	-1.931	-0.0008	-2.5 to 2.5	Pass
				-20	12.0	-3.533	-0.0014	-2.5 to 2.5	Pass
				-10	12.0	-0.672	-0.0003	-2.5 to 2.5	Pass
				0	12.0	-1.159	-0.0005	-2.5 to 2.5	Pass
				10	12.0	-0.916	-0.0004	-2.5 to 2.5	Pass
				30	12.0	-0.916	-0.0004	-2.5 to 2.5	Pass
				40	12.0	2.589	0.0010	-2.5 to 2.5	Pass
				50	12.0	0.772	0.0003	-2.5 to 2.5	Pass
				60	12.0	-0.043	0.0000	-2.5 to 2.5	Pass
				70	12.0	-1.473	-0.0006	-2.5 to 2.5	Pass
	2593	75	0	24	9.0	0.215	0.0001	-2.5 to 2.5	Pass
					12.0	2.532	0.0010	-2.5 to 2.5	Pass
					36.0	6.080	0.0023	-2.5 to 2.5	Pass
				-20	12.0	8.554	0.0033	-2.5 to 2.5	Pass
				-10	12.0	6.895	0.0027	-2.5 to 2.5	Pass
				0	12.0	1.173	0.0005	-2.5 to 2.5	Pass
				10	12.0	9.799	0.0038	-2.5 to 2.5	Pass
				30	12.0	9.284	0.0036	-2.5 to 2.5	Pass
				40	12.0	-1.101	-0.0004	-2.5 to 2.5	Pass
				50	12.0	6.723	0.0026	-2.5 to 2.5	Pass
				60	12.0	9.170	0.0035	-2.5 to 2.5	Pass
				70	12.0	8.926	0.0034	-2.5 to 2.5	Pass
	2682.5	75	0	24	9.0	12.746	0.0048	-2.5 to 2.5	Pass
					12.0	12.946	0.0048	-2.5 to 2.5	Pass
					36.0	14.720	0.0055	-2.5 to 2.5	Pass
				-20	12.0	12.746	0.0048	-2.5 to 2.5	Pass
				-10	12.0	14.076	0.0052	-2.5 to 2.5	Pass
				0	12.0	13.947	0.0052	-2.5 to 2.5	Pass
				10	12.0	2.503	0.0009	-2.5 to 2.5	Pass
				30	12.0	3.018	0.0011	-2.5 to 2.5	Pass
				40	12.0	11.630	0.0043	-2.5 to 2.5	Pass
				50	12.0	2.975	0.0011	-2.5 to 2.5	Pass
				60	12.0	1.874	0.0007	-2.5 to 2.5	Pass
				70	12.0	1.745	0.0007	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	24	9.0	-1.745	-0.0007	-2.5 to 2.5	Pass
					12.0	0.658	0.0003	-2.5 to 2.5	Pass

					36.0	1.416	0.0006	-2.5 to 2.5	Pass
				-20	12.0	2.575	0.0010	-2.5 to 2.5	Pass
				-10	12.0	-0.858	-0.0003	-2.5 to 2.5	Pass
				0	12.0	-2.818	-0.0011	-2.5 to 2.5	Pass
				10	12.0	-1.144	-0.0005	-2.5 to 2.5	Pass
				30	12.0	3.433	0.0014	-2.5 to 2.5	Pass
				40	12.0	-1.287	-0.0005	-2.5 to 2.5	Pass
				50	12.0	-2.675	-0.0011	-2.5 to 2.5	Pass
				60	12.0	2.933	0.0012	-2.5 to 2.5	Pass
				70	12.0	2.518	0.0010	-2.5 to 2.5	Pass
	2593	75	0	24	9.0	8.154	0.0031	-2.5 to 2.5	Pass
					12.0	-1.917	-0.0007	-2.5 to 2.5	Pass
					36.0	9.298	0.0036	-2.5 to 2.5	Pass
				-20	12.0	6.909	0.0027	-2.5 to 2.5	Pass
				-10	12.0	2.732	0.0011	-2.5 to 2.5	Pass
				0	12.0	8.354	0.0032	-2.5 to 2.5	Pass
				10	12.0	6.466	0.0025	-2.5 to 2.5	Pass
				30	12.0	3.076	0.0012	-2.5 to 2.5	Pass
				40	12.0	3.676	0.0014	-2.5 to 2.5	Pass
				50	12.0	2.303	0.0009	-2.5 to 2.5	Pass
				60	12.0	5.622	0.0022	-2.5 to 2.5	Pass
				70	12.0	8.640	0.0033	-2.5 to 2.5	Pass
	2682.5	75	0	24	9.0	11.158	0.0042	-2.5 to 2.5	Pass
					12.0	0.200	0.0001	-2.5 to 2.5	Pass
					36.0	2.961	0.0011	-2.5 to 2.5	Pass
				-20	12.0	1.774	0.0007	-2.5 to 2.5	Pass
				-10	12.0	12.574	0.0047	-2.5 to 2.5	Pass
				0	12.0	3.648	0.0014	-2.5 to 2.5	Pass
				10	12.0	13.590	0.0051	-2.5 to 2.5	Pass
				30	12.0	3.605	0.0013	-2.5 to 2.5	Pass
				40	12.0	2.875	0.0011	-2.5 to 2.5	Pass
				50	12.0	17.638	0.0066	-2.5 to 2.5	Pass
				60	12.0	10.085	0.0038	-2.5 to 2.5	Pass
				70	12.0	8.597	0.0032	-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	24	9.0	0.958	0.0004	-2.5 to 2.5	Pass
					12.0	0.343	0.0001	-2.5 to 2.5	Pass
					36.0	-0.272	-0.0001	-2.5 to 2.5	Pass
				-20	12.0	8.912	0.0036	-2.5 to 2.5	Pass
				-10	12.0	2.632	0.0011	-2.5 to 2.5	Pass
				0	12.0	0.615	0.0002	-2.5 to 2.5	Pass
				10	12.0	8.011	0.0032	-2.5 to 2.5	Pass
				30	12.0	3.490	0.0014	-2.5 to 2.5	Pass
				40	12.0	1.388	0.0006	-2.5 to 2.5	Pass
				50	12.0	-0.343	-0.0001	-2.5 to 2.5	Pass
				60	12.0	10.228	0.0041	-2.5 to 2.5	Pass
				70	12.0	9.084	0.0036	-2.5 to 2.5	Pass
	2593	100	0	24	9.0	1.216	0.0005	-2.5 to 2.5	Pass
					12.0	5.693	0.0022	-2.5 to 2.5	Pass
					36.0	2.060	0.0008	-2.5 to 2.5	Pass
				-20	12.0	2.289	0.0009	-2.5 to 2.5	Pass
				-10	12.0	5.264	0.0020	-2.5 to 2.5	Pass

				0	12.0	1.745	0.0007	-2.5 to 2.5	Pass
				10	12.0	7.796	0.0030	-2.5 to 2.5	Pass
				30	12.0	-1.731	-0.0007	-2.5 to 2.5	Pass
				40	12.0	0.186	0.0001	-2.5 to 2.5	Pass
				50	12.0	7.968	0.0031	-2.5 to 2.5	Pass
				60	12.0	1.001	0.0004	-2.5 to 2.5	Pass
				70	12.0	2.303	0.0009	-2.5 to 2.5	Pass
	2680	100	0	24	9.0	13.790	0.0051	-2.5 to 2.5	Pass
					12.0	1.731	0.0006	-2.5 to 2.5	Pass
					36.0	8.082	0.0030	-2.5 to 2.5	Pass
				-20	12.0	8.898	0.0033	-2.5 to 2.5	Pass
				-10	12.0	1.760	0.0007	-2.5 to 2.5	Pass
				0	12.0	0.486	0.0002	-2.5 to 2.5	Pass
				10	12.0	1.845	0.0007	-2.5 to 2.5	Pass
				30	12.0	8.039	0.0030	-2.5 to 2.5	Pass
				40	12.0	7.281	0.0027	-2.5 to 2.5	Pass
				50	12.0	8.469	0.0032	-2.5 to 2.5	Pass
				60	12.0	0.057	0.0000	-2.5 to 2.5	Pass
				70	12.0	8.197	0.0031	-2.5 to 2.5	Pass
16QAM	2506	100	0	24	9.0	10.786	0.0043	-2.5 to 2.5	Pass
					12.0	-1.144	-0.0005	-2.5 to 2.5	Pass
					36.0	9.999	0.0040	-2.5 to 2.5	Pass
				-20	12.0	12.174	0.0049	-2.5 to 2.5	Pass
				-10	12.0	11.859	0.0047	-2.5 to 2.5	Pass
				0	12.0	11.287	0.0045	-2.5 to 2.5	Pass
				10	12.0	0.372	0.0001	-2.5 to 2.5	Pass
				30	12.0	1.731	0.0007	-2.5 to 2.5	Pass
				40	12.0	2.646	0.0011	-2.5 to 2.5	Pass
				50	12.0	2.775	0.0011	-2.5 to 2.5	Pass
				60	12.0	2.060	0.0008	-2.5 to 2.5	Pass
				70	12.0	5.493	0.0022	-2.5 to 2.5	Pass
	2593	100	0	24	9.0	-1.073	-0.0004	-2.5 to 2.5	Pass
					12.0	-2.017	-0.0008	-2.5 to 2.5	Pass
					36.0	0.701	0.0003	-2.5 to 2.5	Pass
				-20	12.0	4.148	0.0016	-2.5 to 2.5	Pass
				-10	12.0	8.969	0.0035	-2.5 to 2.5	Pass
				0	12.0	1.831	0.0007	-2.5 to 2.5	Pass
				10	12.0	8.540	0.0033	-2.5 to 2.5	Pass
				30	12.0	6.409	0.0025	-2.5 to 2.5	Pass
				40	12.0	7.453	0.0029	-2.5 to 2.5	Pass
				50	12.0	11.129	0.0043	-2.5 to 2.5	Pass
				60	12.0	10.786	0.0042	-2.5 to 2.5	Pass
				70	12.0	7.482	0.0029	-2.5 to 2.5	Pass
	2680	100	0	24	9.0	1.559	0.0006	-2.5 to 2.5	Pass
					12.0	7.682	0.0029	-2.5 to 2.5	Pass
					36.0	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	12.0	-0.973	-0.0004	-2.5 to 2.5	Pass
				-10	12.0	10.600	0.0040	-2.5 to 2.5	Pass
				0	12.0	-0.172	-0.0001	-2.5 to 2.5	Pass
				10	12.0	2.618	0.0010	-2.5 to 2.5	Pass
				30	12.0	1.116	0.0004	-2.5 to 2.5	Pass
				40	12.0	1.373	0.0005	-2.5 to 2.5	Pass
				50	12.0	1.631	0.0006	-2.5 to 2.5	Pass
				60	12.0	-0.601	-0.0002	-2.5 to 2.5	Pass
				70	12.0	10.071	0.0038	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.546	/	Pass
		2593	25	0	4.548	/	Pass
		2687.5	25	0	4.543	/	Pass
	16QAM	2498.5	25	0	4.574	/	Pass
		2593	25	0	4.535	/	Pass
		2687.5	25	0	4.544	/	Pass
10	QPSK	2501	50	0	9.036	/	Pass
		2593	50	0	9.061	/	Pass
		2685	50	0	9.049	/	Pass
	16QAM	2501	50	0	9.017	/	Pass
		2593	50	0	9.046	/	Pass
		2685	50	0	9.014	/	Pass
15	QPSK	2503.5	75	0	13.545	/	Pass
		2593	75	0	13.551	/	Pass
		2682.5	75	0	13.584	/	Pass
	16QAM	2503.5	75	0	13.612	/	Pass
		2593	75	0	13.597	/	Pass
		2682.5	75	0	13.599	/	Pass
20	QPSK	2506	100	0	18.040	/	Pass
		2593	100	0	18.108	/	Pass
		2680	100	0	18.038	/	Pass
	16QAM	2506	100	0	18.073	/	Pass
		2593	100	0	18.026	/	Pass
		2680	100	0	18.005	/	Pass

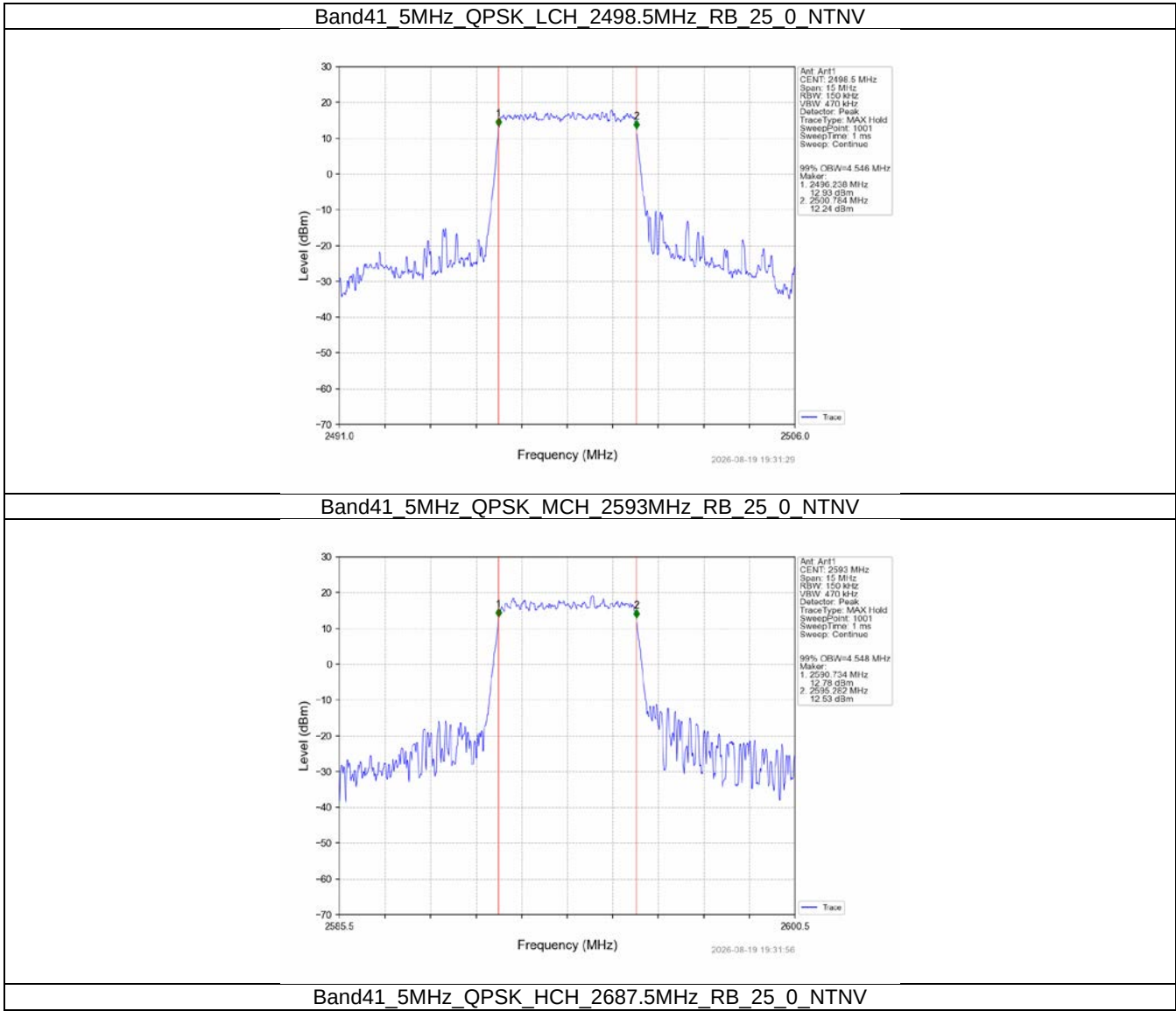
3.1.2 Band41_XDB

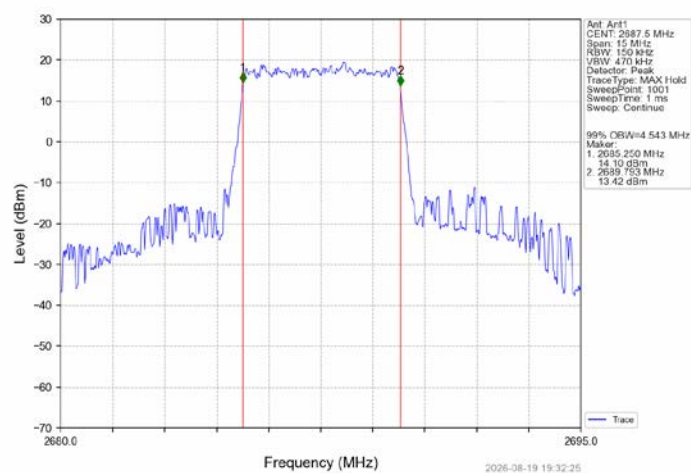
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.051	/	Pass
		2593	25	0	5.067	/	Pass
		2687.5	25	0	5.076	/	Pass
	16QAM	2498.5	25	0	5.321	/	Pass
		2593	25	0	5.094	/	Pass
		2687.5	25	0	5.103	/	Pass
10	QPSK	2501	50	0	10.008	/	Pass
		2593	50	0	10.563	/	Pass
		2685	50	0	10.204	/	Pass
	16QAM	2501	50	0	10.012	/	Pass
		2593	50	0	9.997	/	Pass
		2685	50	0	9.989	/	Pass
15	QPSK	2503.5	75	0	15.441	/	Pass
		2593	75	0	15.504	/	Pass
		2682.5	75	0	15.655	/	Pass
	16QAM	2503.5	75	0	19.407	/	Pass
		2593	75	0	15.030	/	Pass
		2682.5	75	0	15.255	/	Pass
20	QPSK	2506	100	0	19.724	/	Pass
		2593	100	0	20.921	/	Pass

		2680	100	0	20.147	/	Pass
	16QAM	2506	100	0	20.757	/	Pass
		2593	100	0	21.096	/	Pass
		2680	100	0	20.274	/	Pass

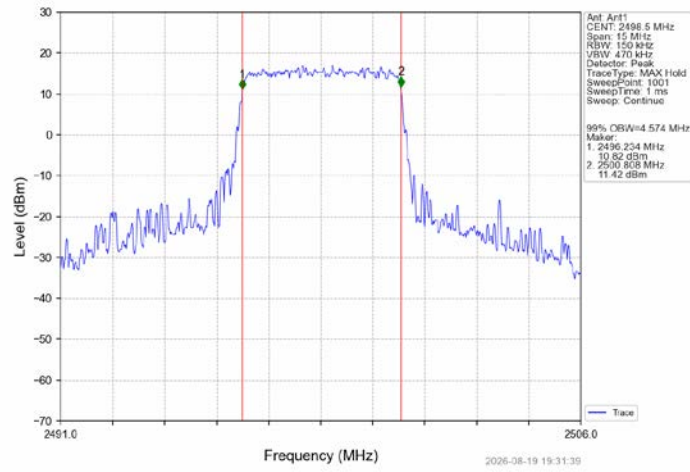
3.2 Test Graph

3.2.1 Band41_OBW

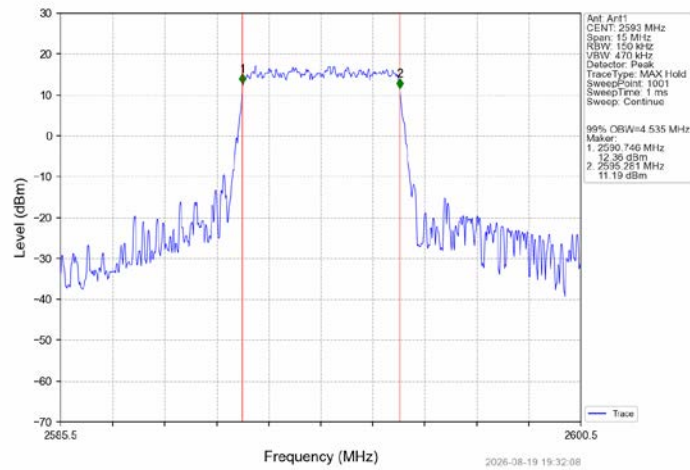




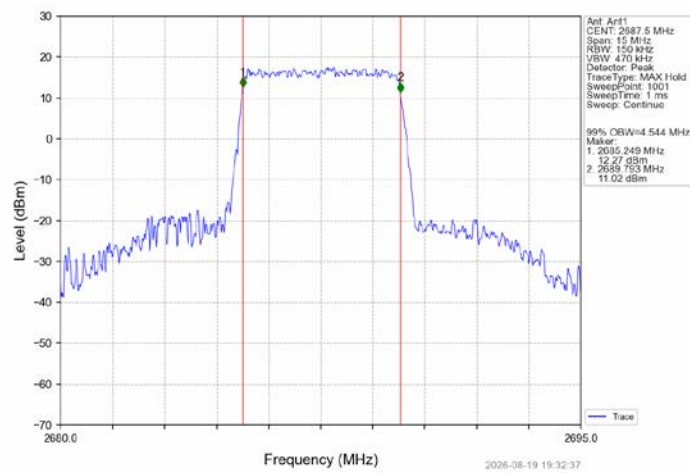
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



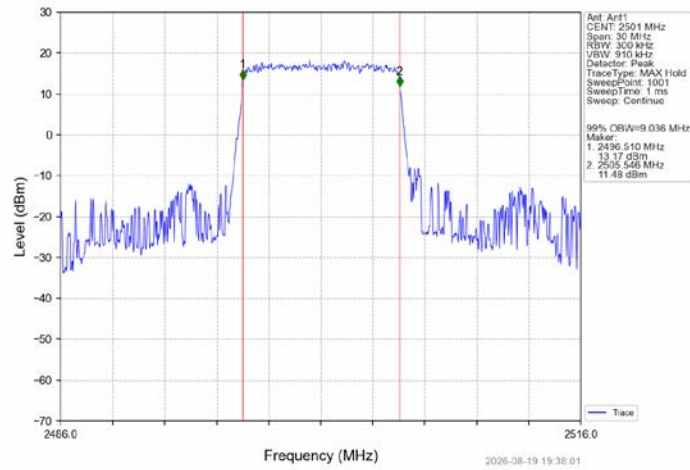
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



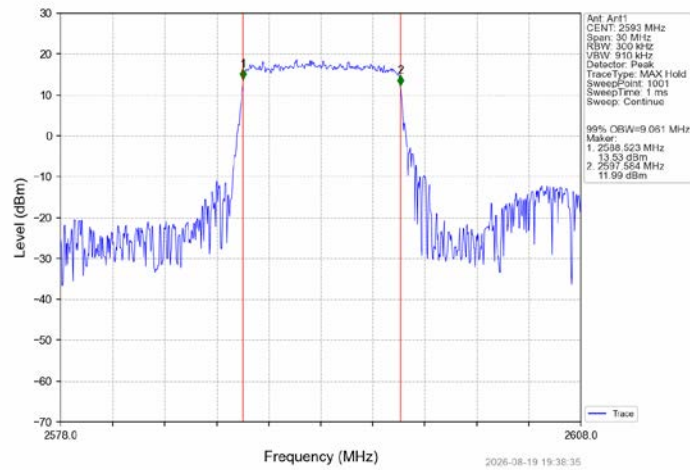
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



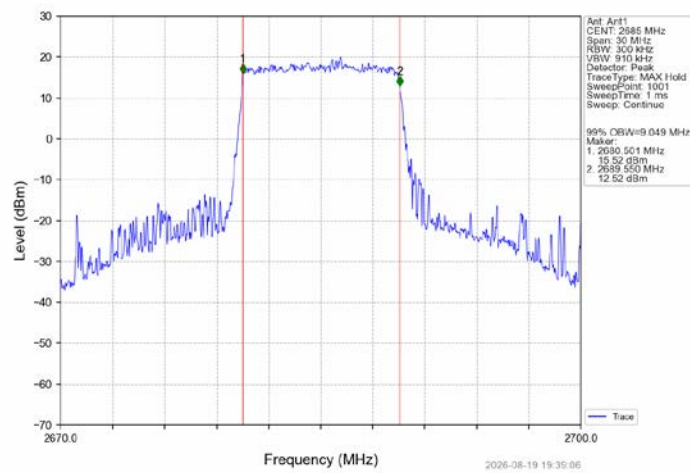
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



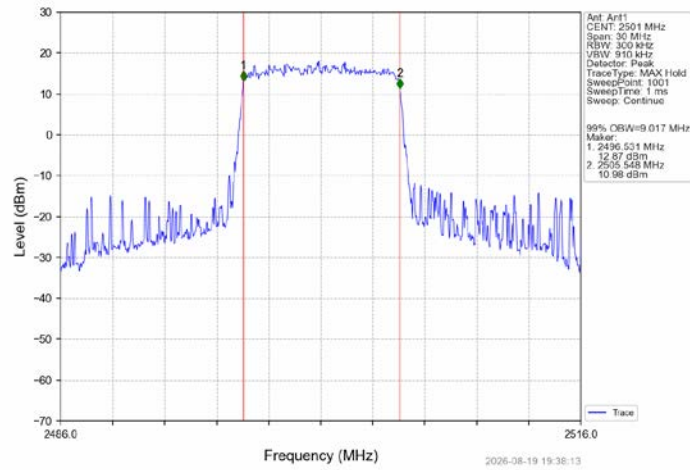
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



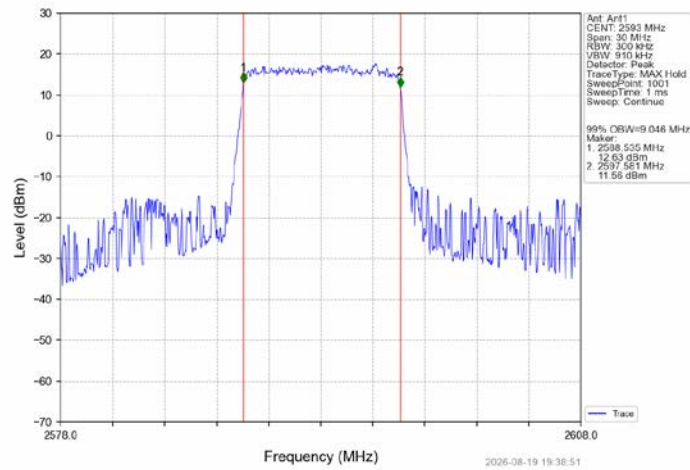
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



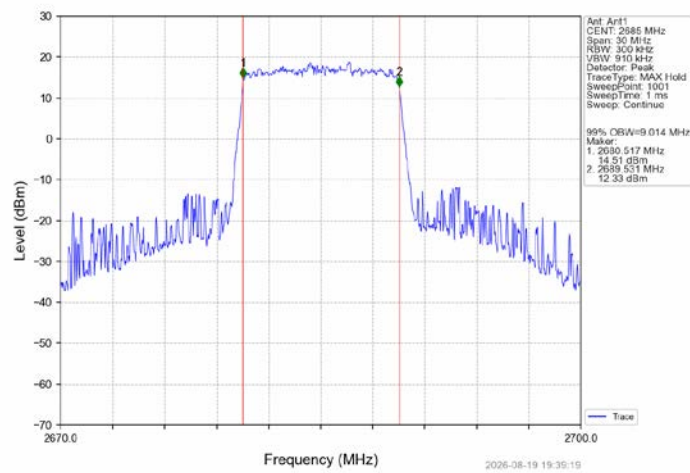
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTN



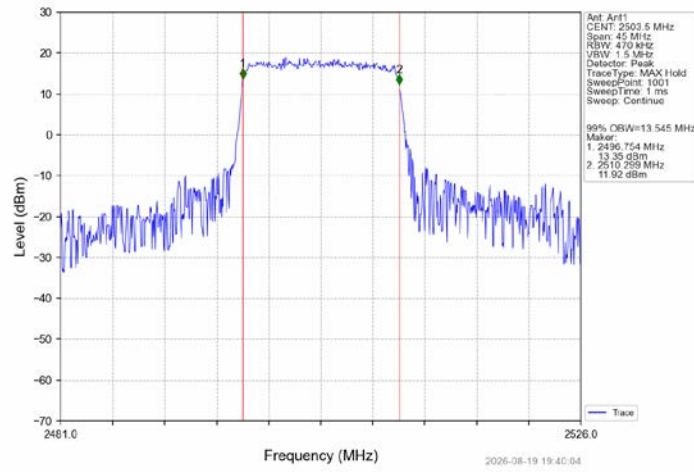
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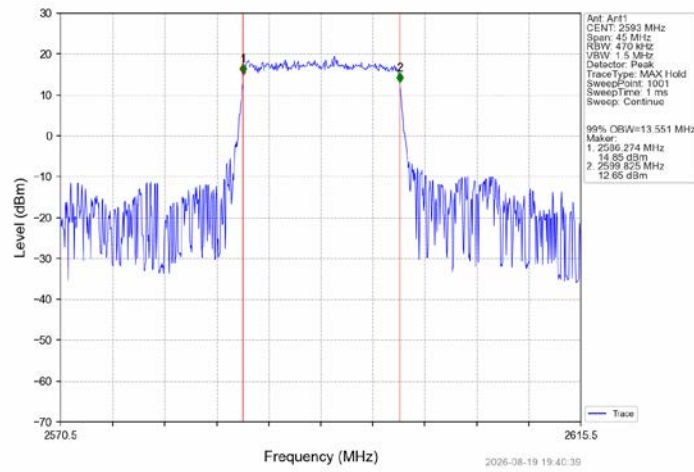
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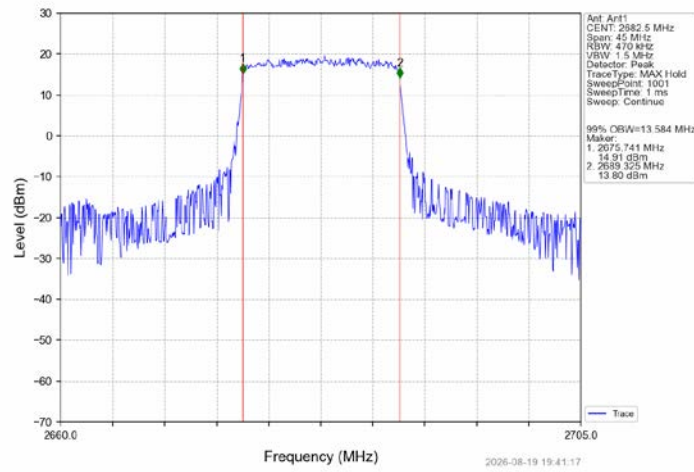
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



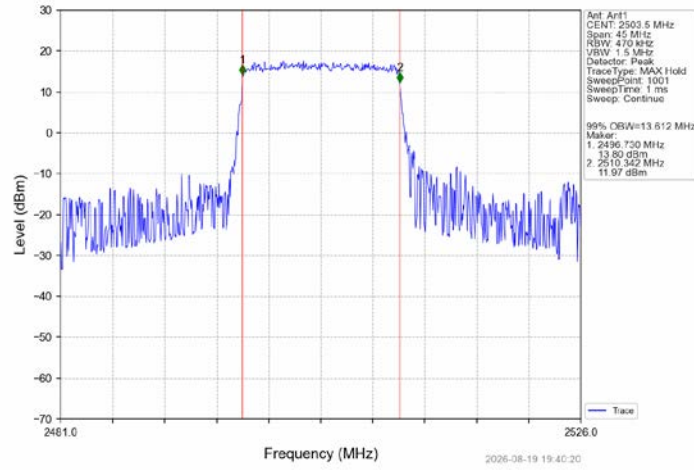
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



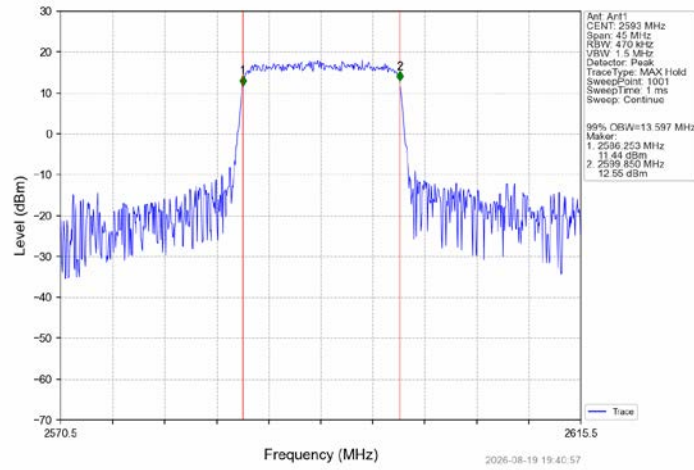
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



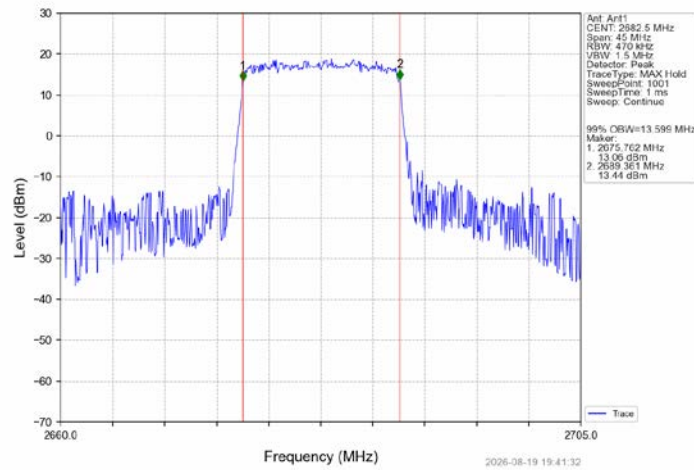
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



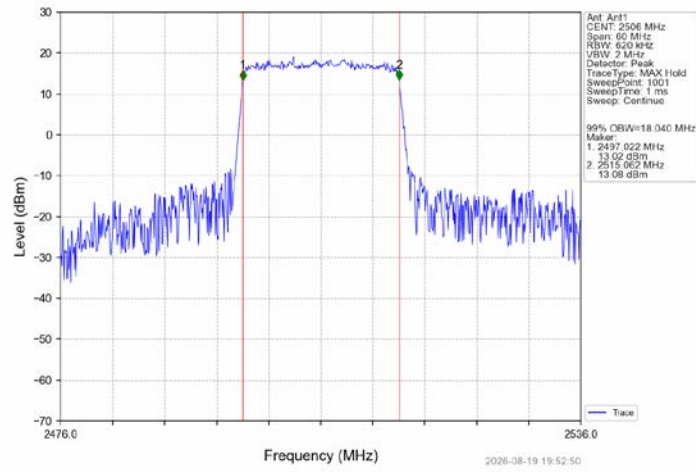
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



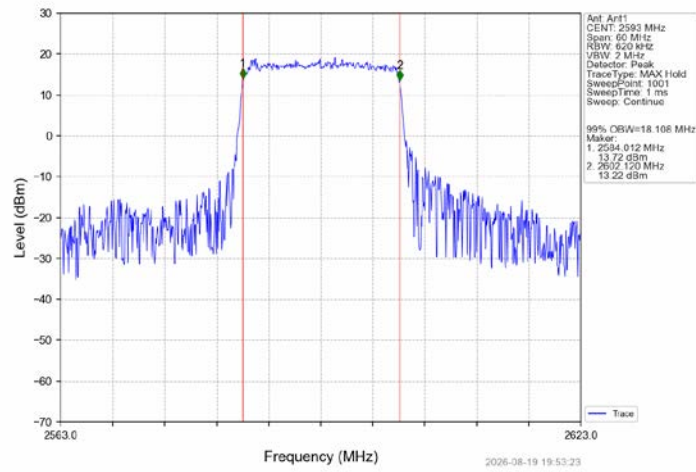
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



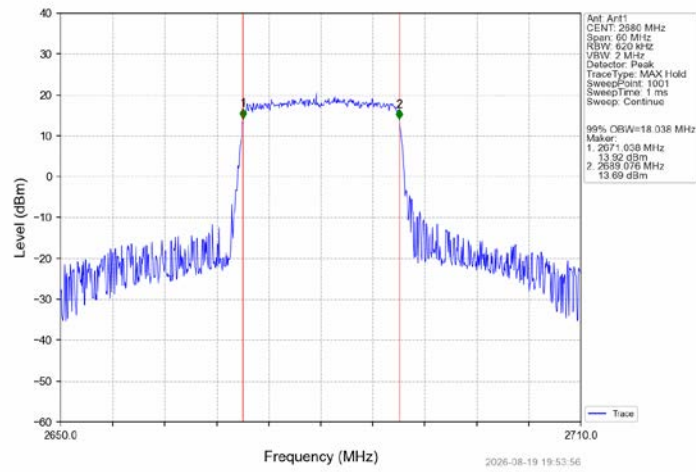
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



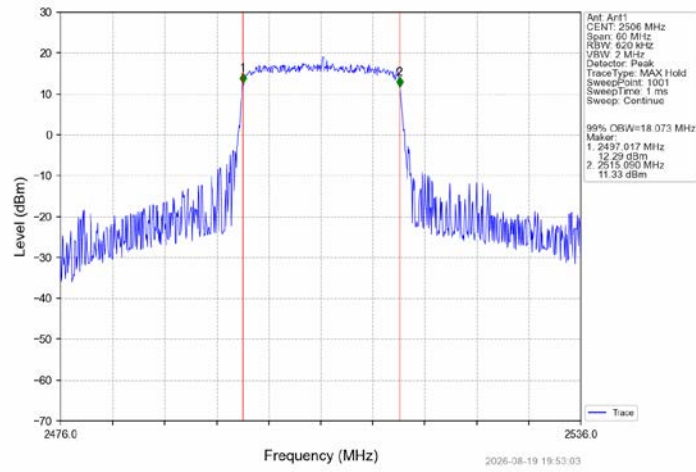
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



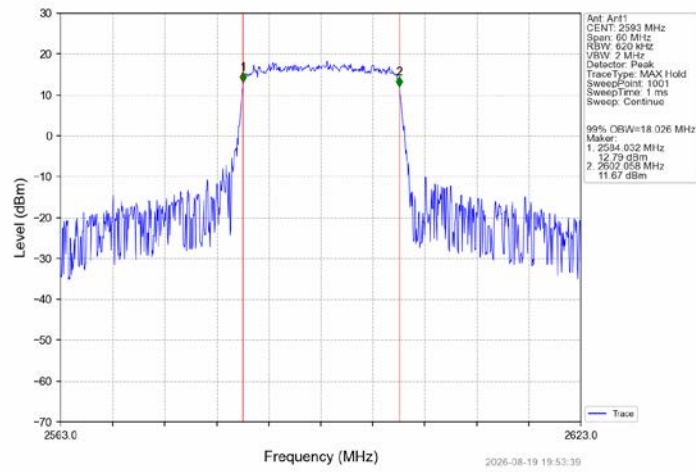
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



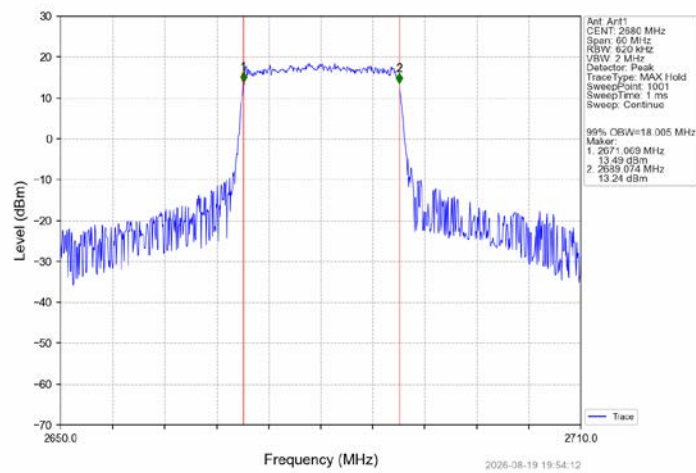
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



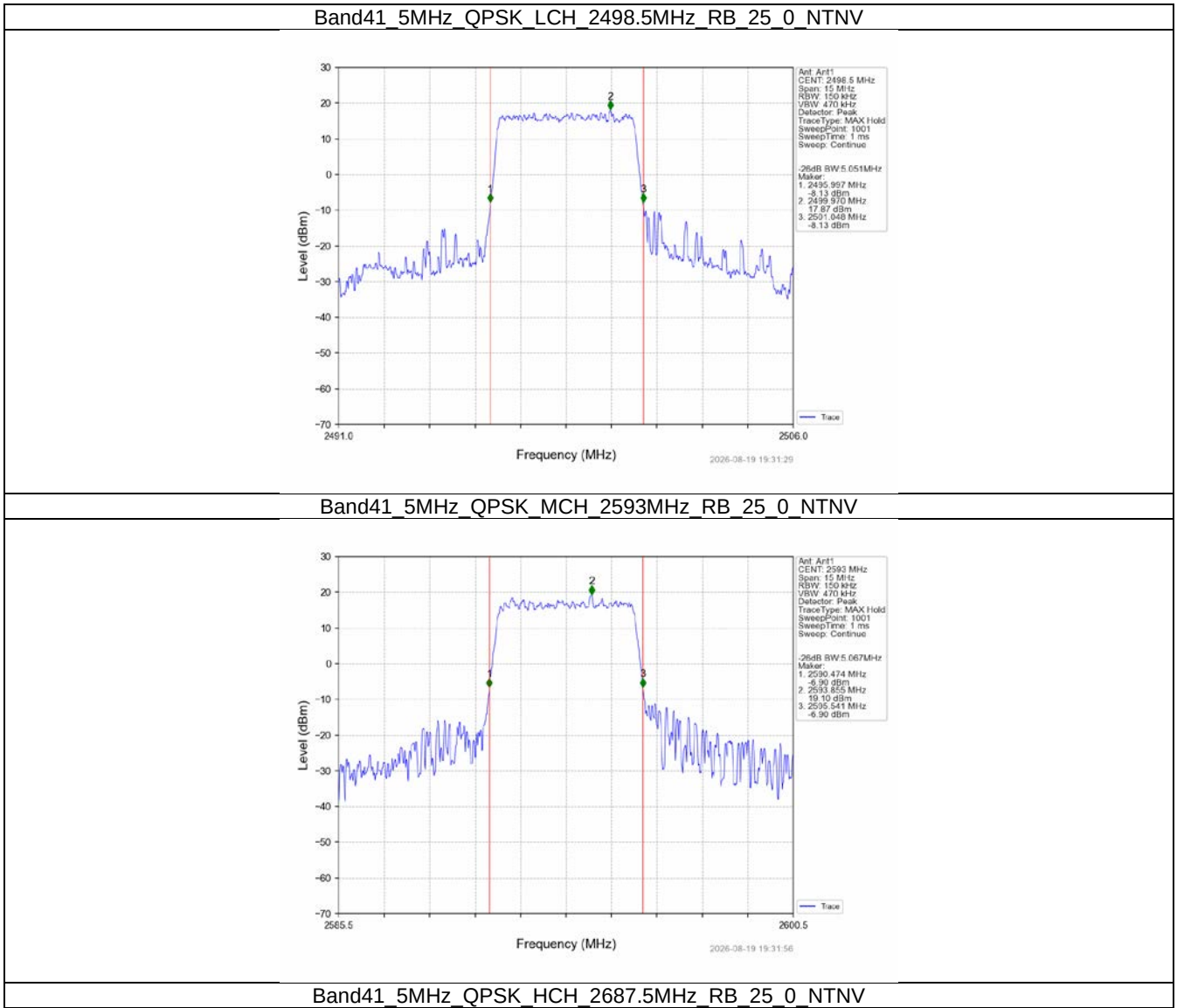
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

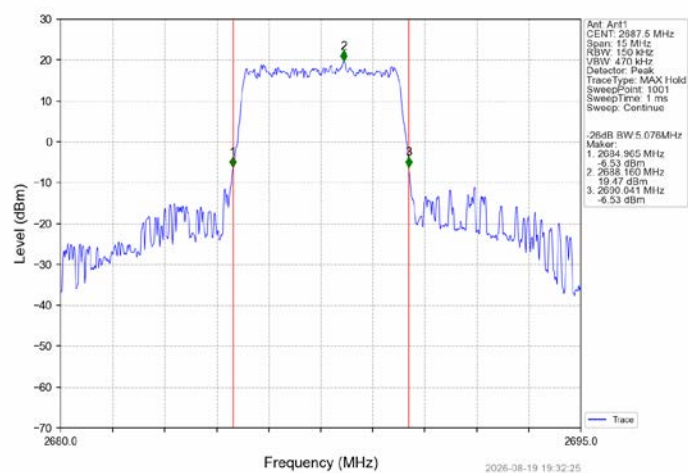


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

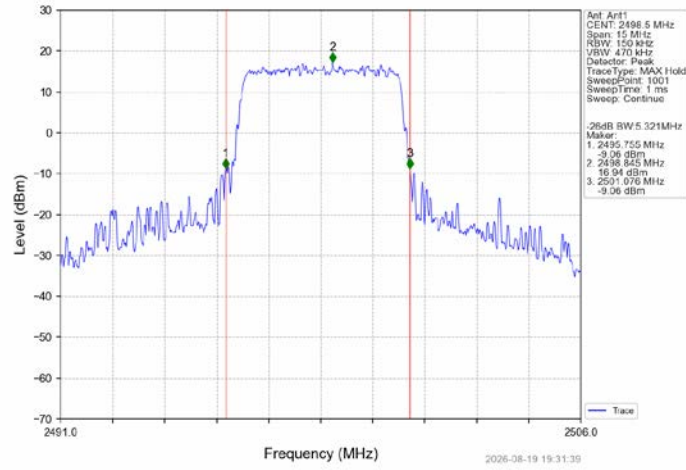


3.2.2 Band41_XDB

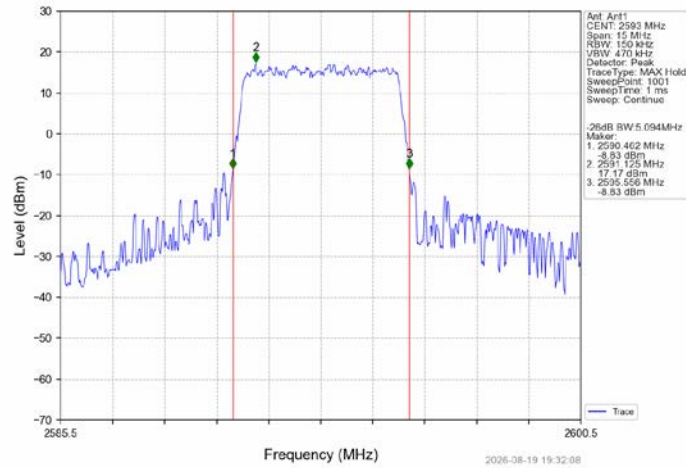




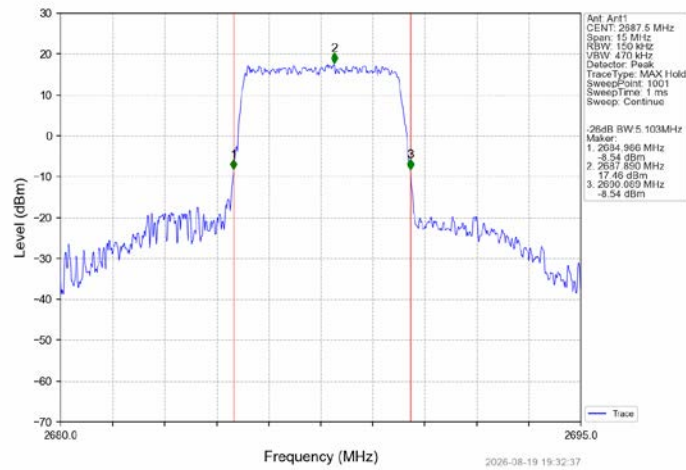
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



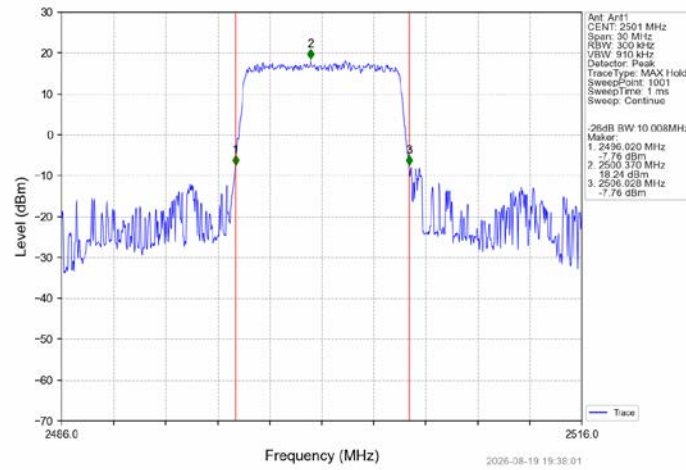
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



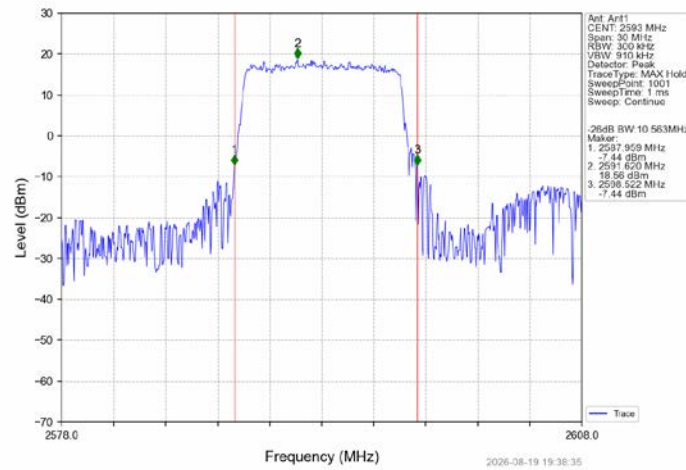
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



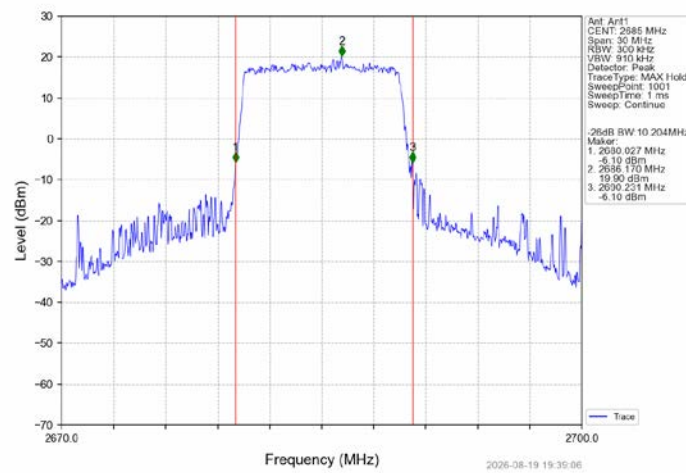
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



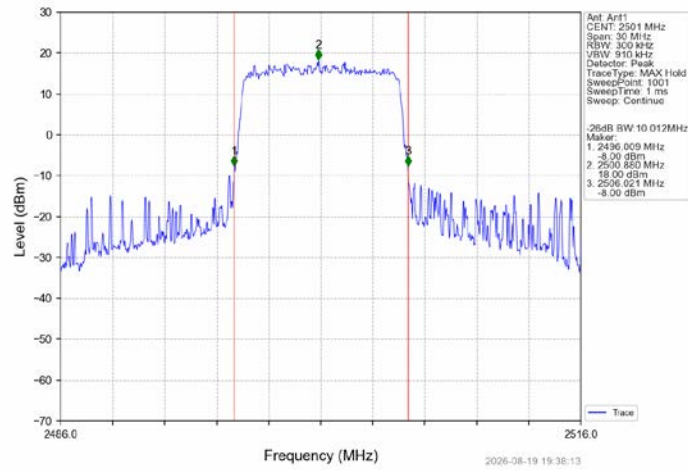
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



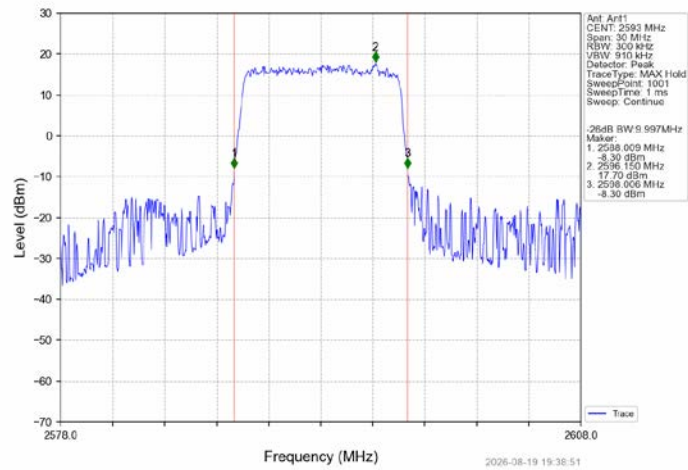
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



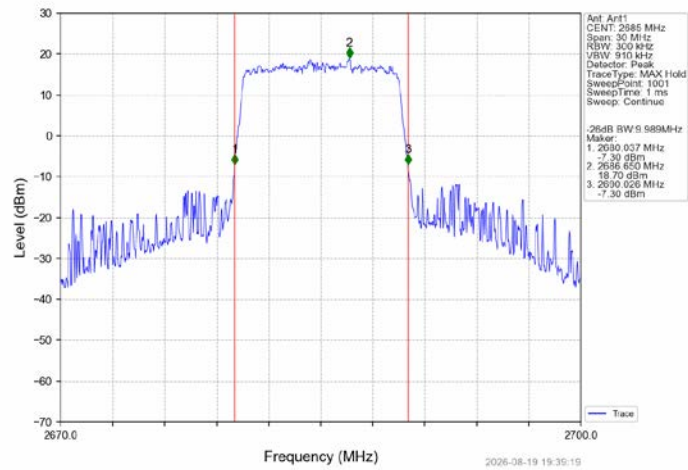
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTN



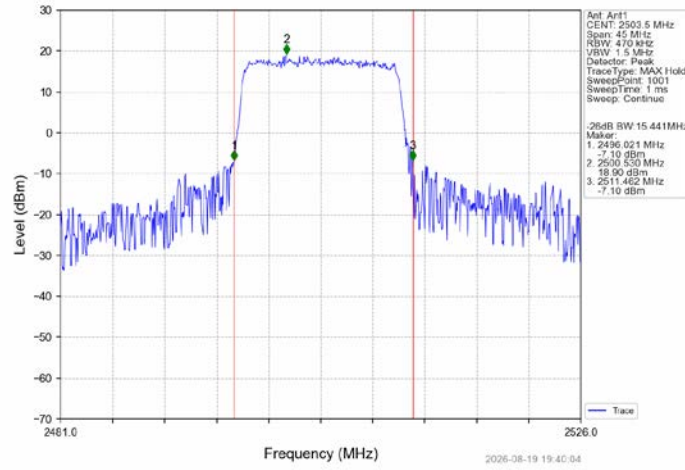
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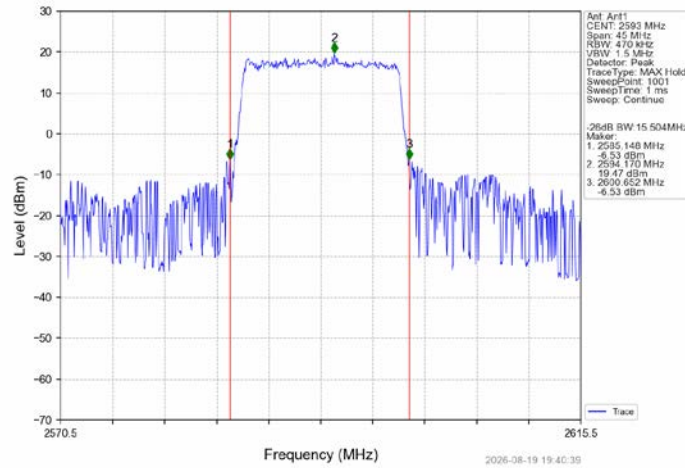
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



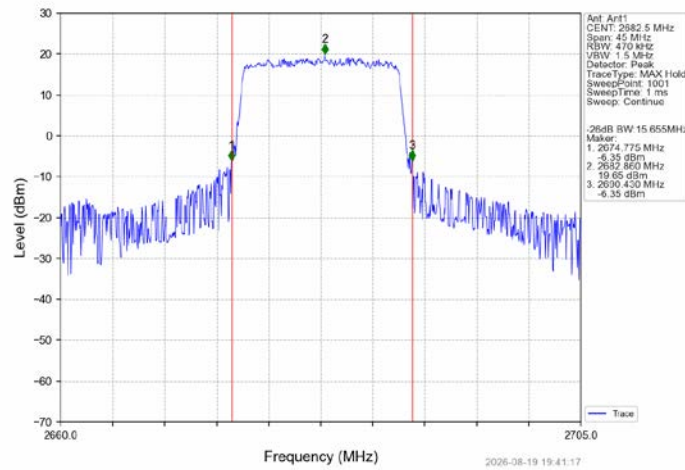
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



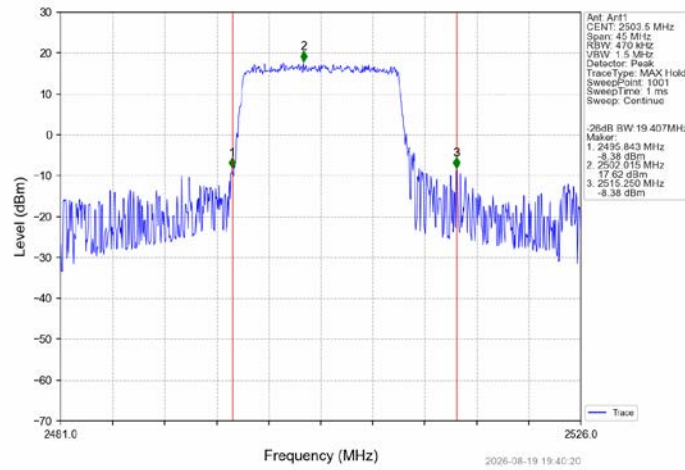
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



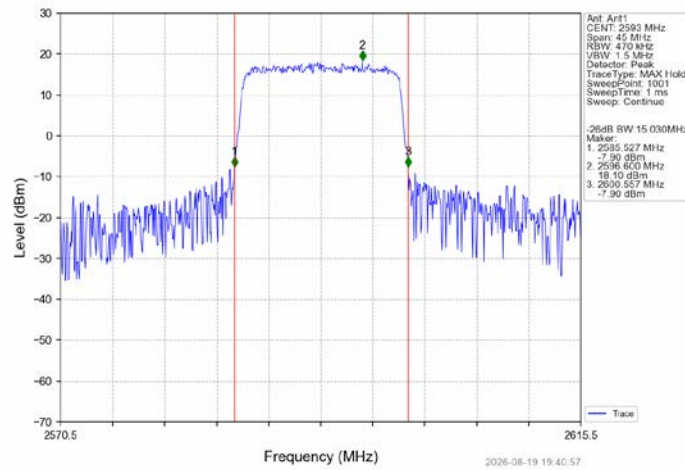
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



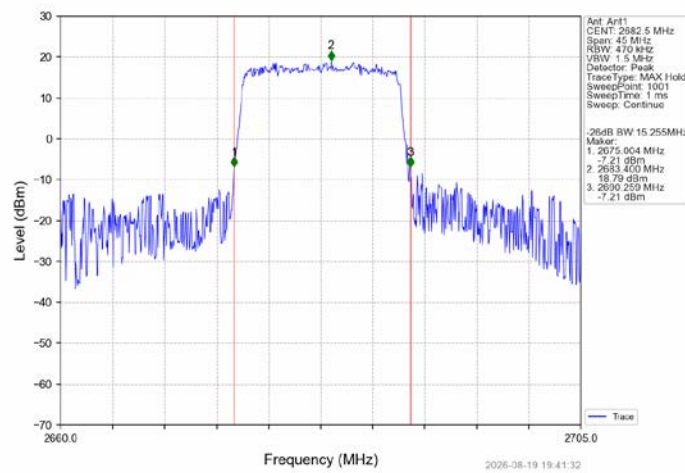
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



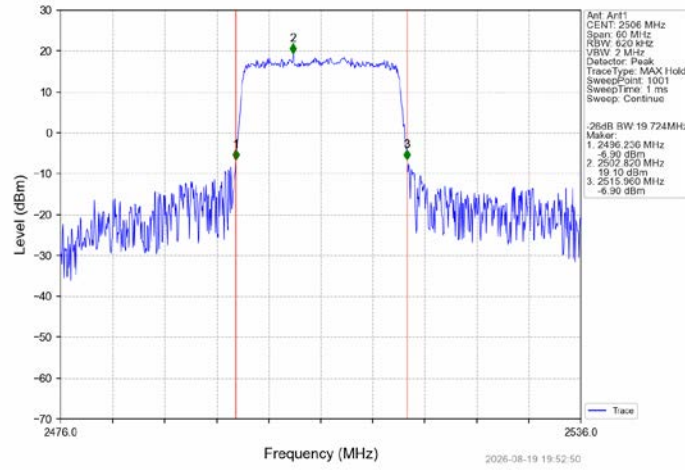
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



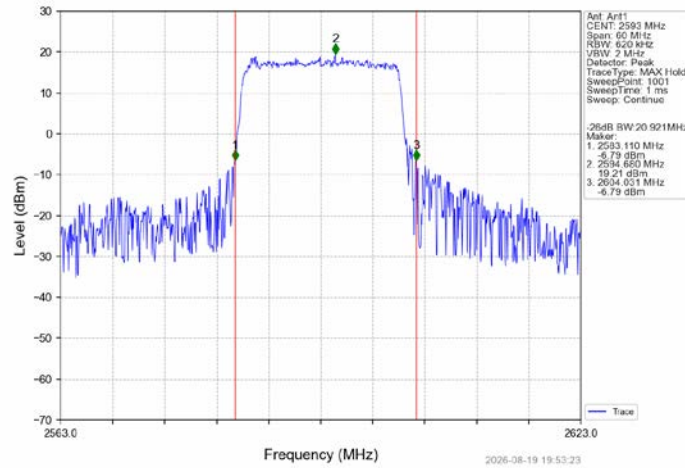
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



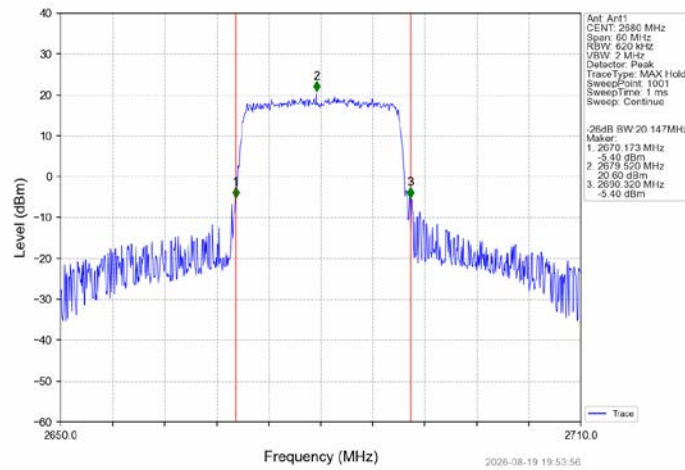
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTN



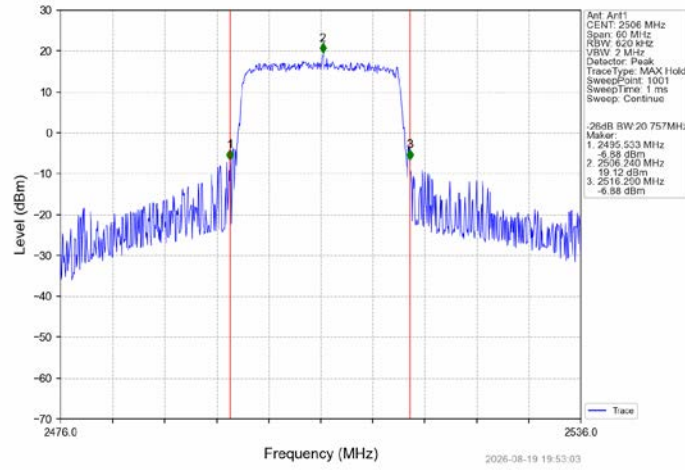
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTN



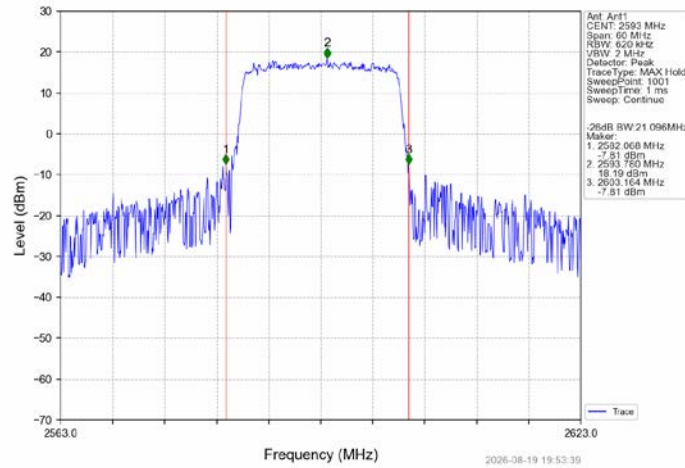
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



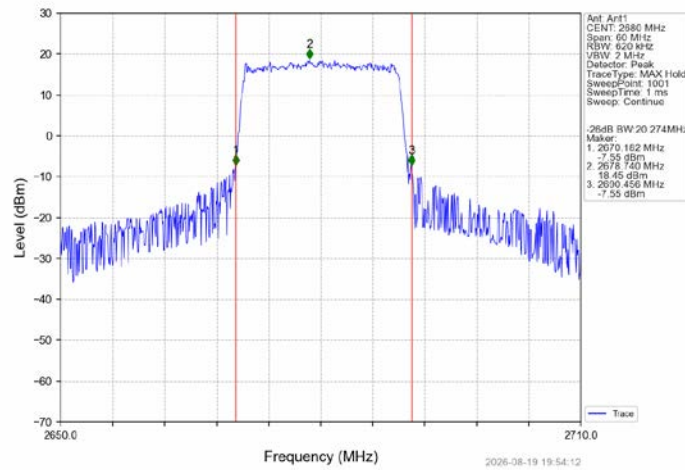
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.04	<=13	Pass
	2593	25	0	7.27	<=13	Pass
	2687.5	25	0	7.10	<=13	Pass
16QAM	2498.5	25	0	8.02	<=13	Pass
	2593	25	0	8.11	<=13	Pass
	2687.5	25	0	7.73	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.16	<=13	Pass
	2593	50	0	7.25	<=13	Pass
	2685	50	0	7.17	<=13	Pass
16QAM	2501	50	0	7.96	<=13	Pass
	2593	50	0	8.07	<=13	Pass
	2685	50	0	7.93	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.25	<=13	Pass
	2593	75	0	7.22	<=13	Pass
	2682.5	75	0	7.30	<=13	Pass
16QAM	2503.5	75	0	8.56	<=13	Pass
	2593	75	0	8.21	<=13	Pass
	2682.5	75	0	8.24	<=13	Pass

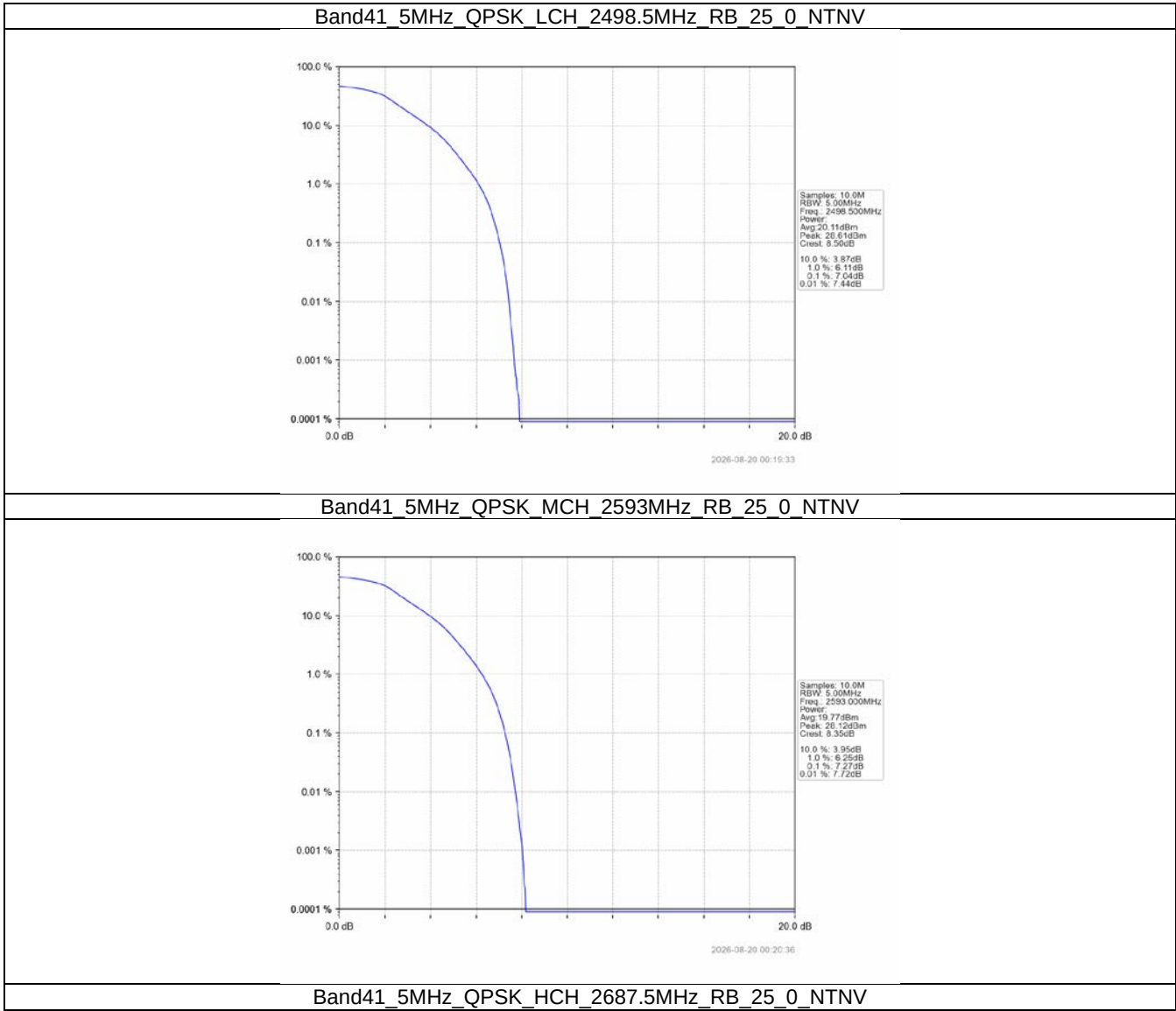
4.1.4 B41_20MHz

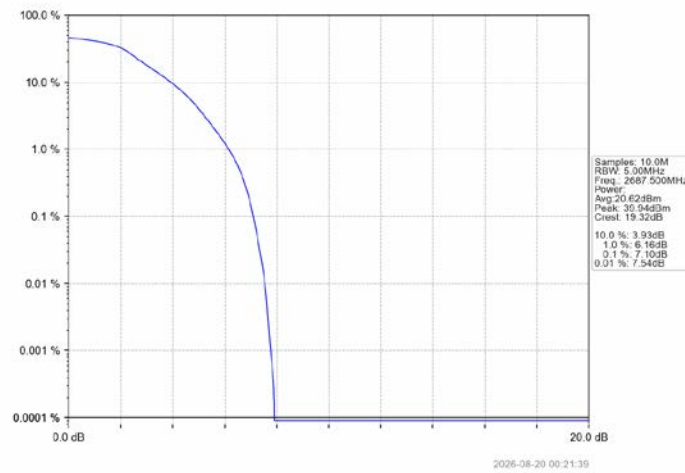
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.24	<=13	Pass
	2593	100	0	8.27	<=13	Pass
	2680	100	0	8.13	<=13	Pass
16QAM	2506	100	0	8.76	<=13	Pass
	2593	100	0	8.73	<=13	Pass

	2680	100	0	8.78	<=13	Pass
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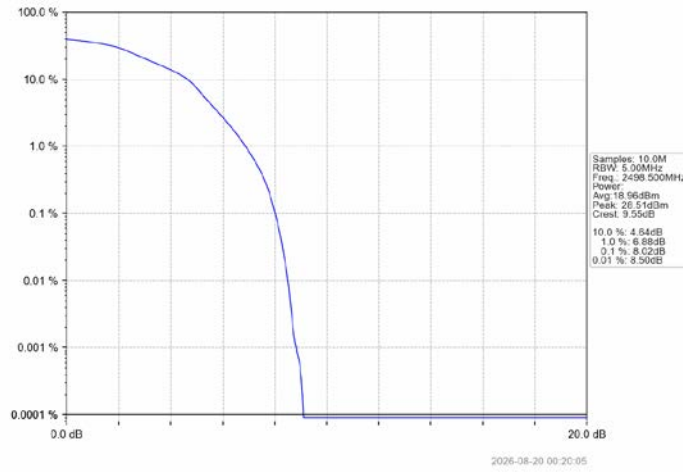
4.2 Test Graph

4.2.1 B41_5MHz

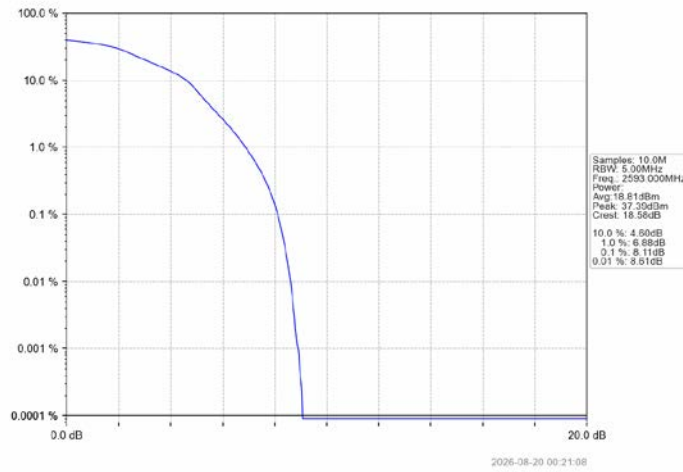




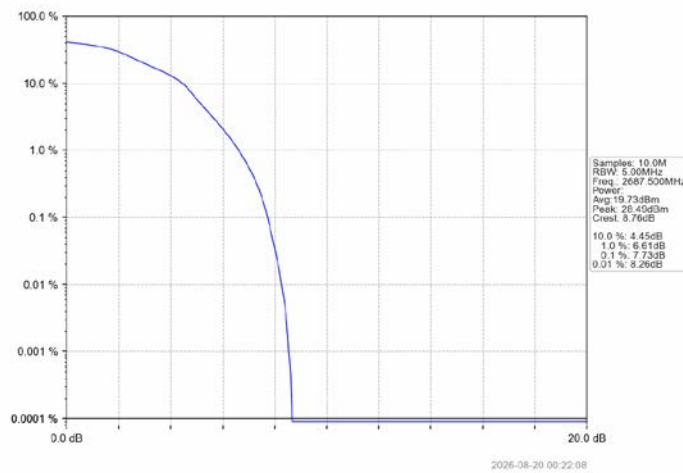
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



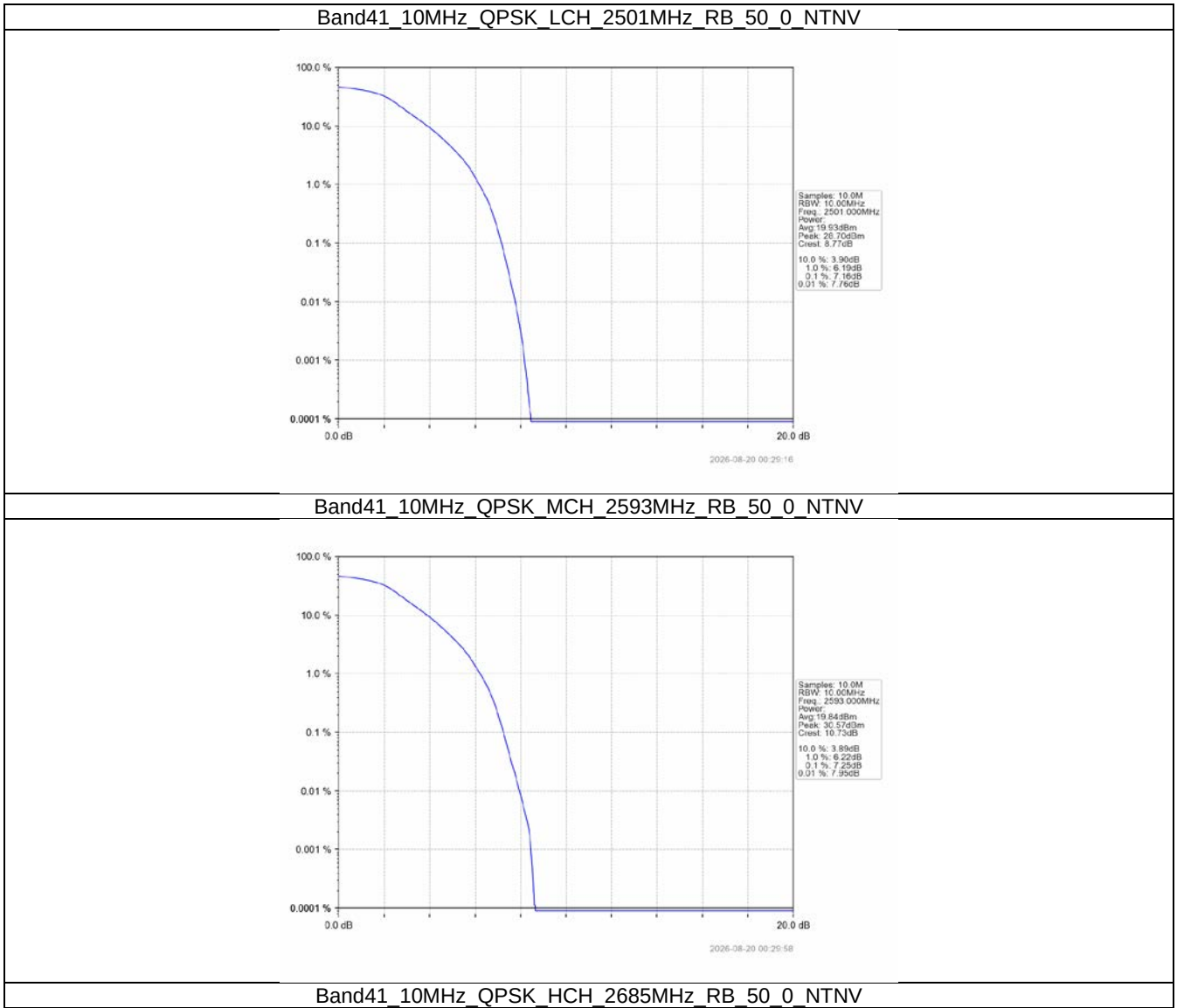
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

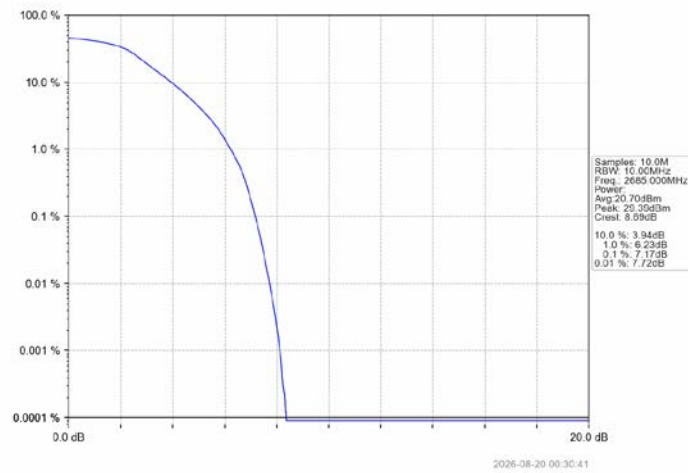


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

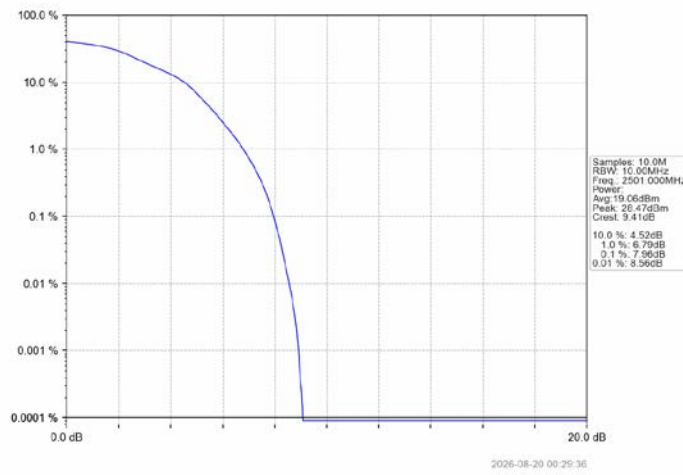


4.2.2 B41_10MHz

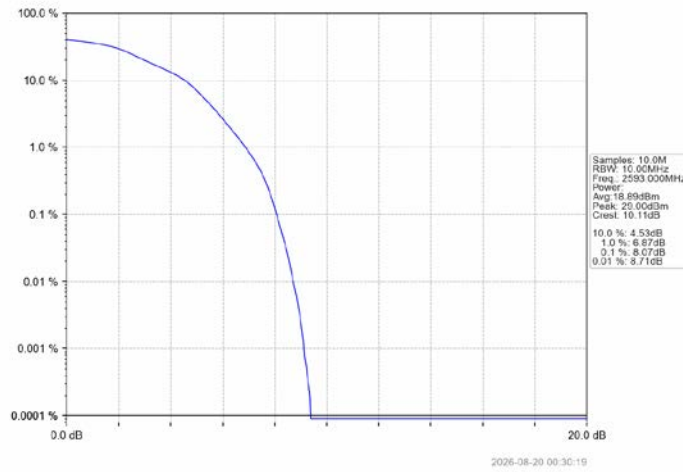




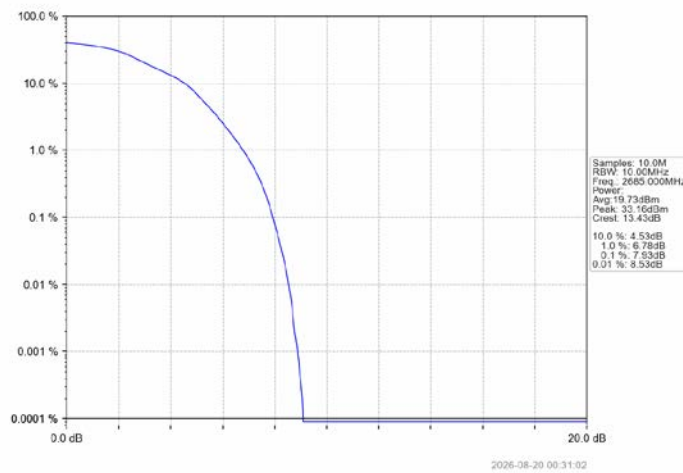
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTN



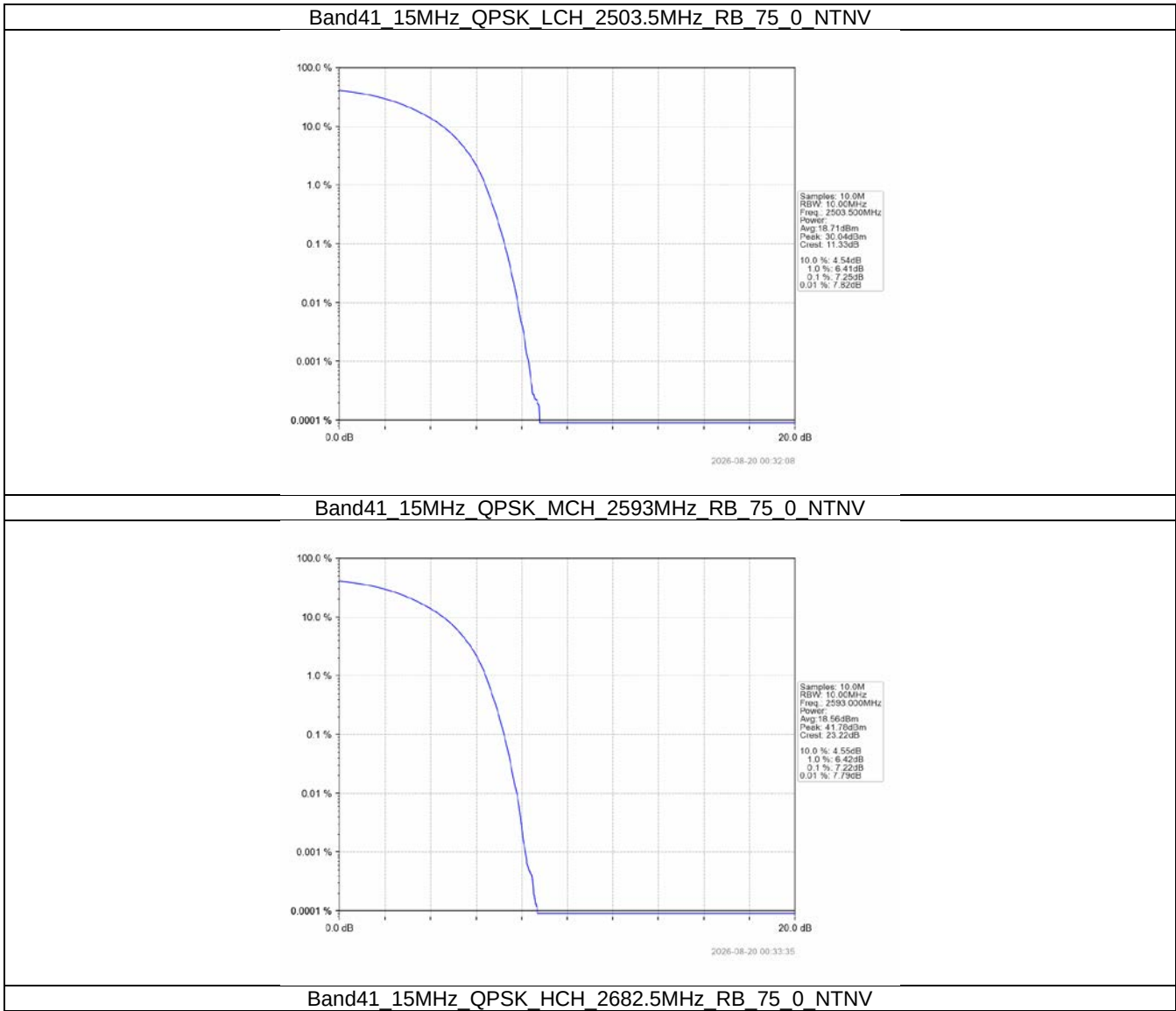
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN

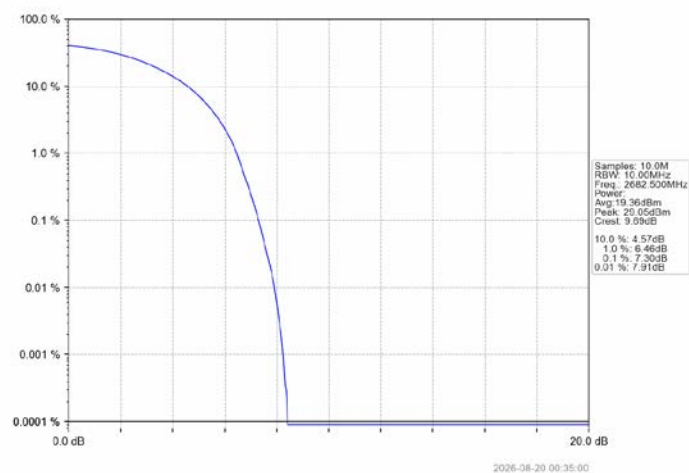


Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN

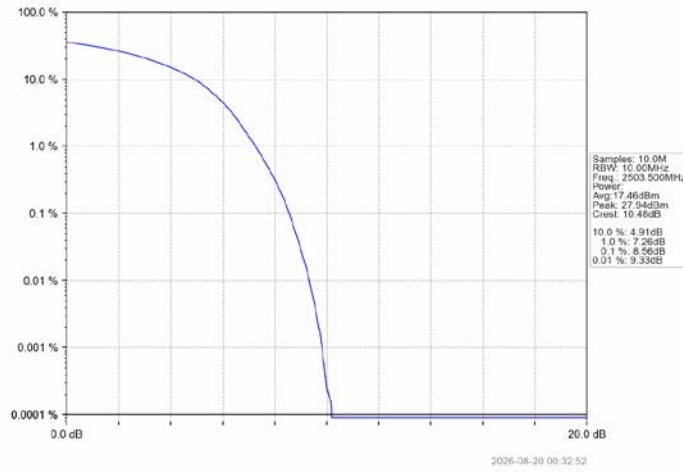


4.2.3 B41_15MHz

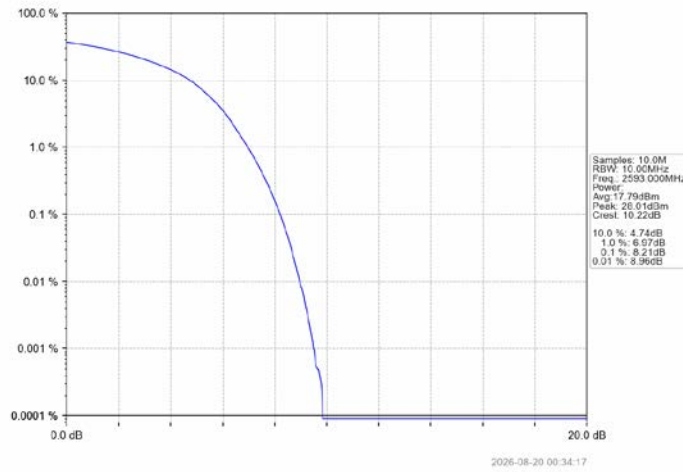




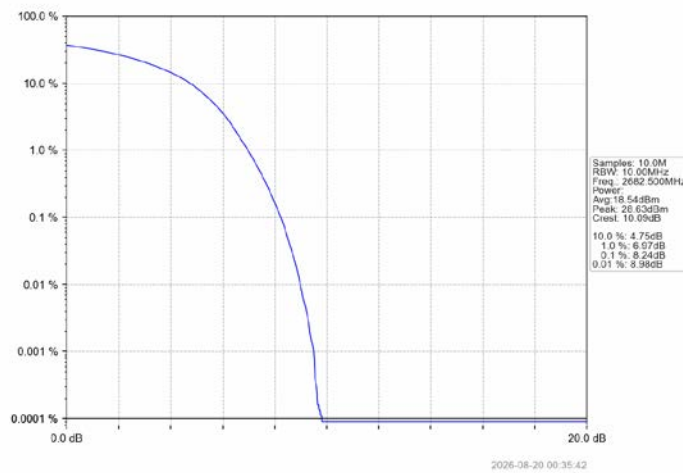
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



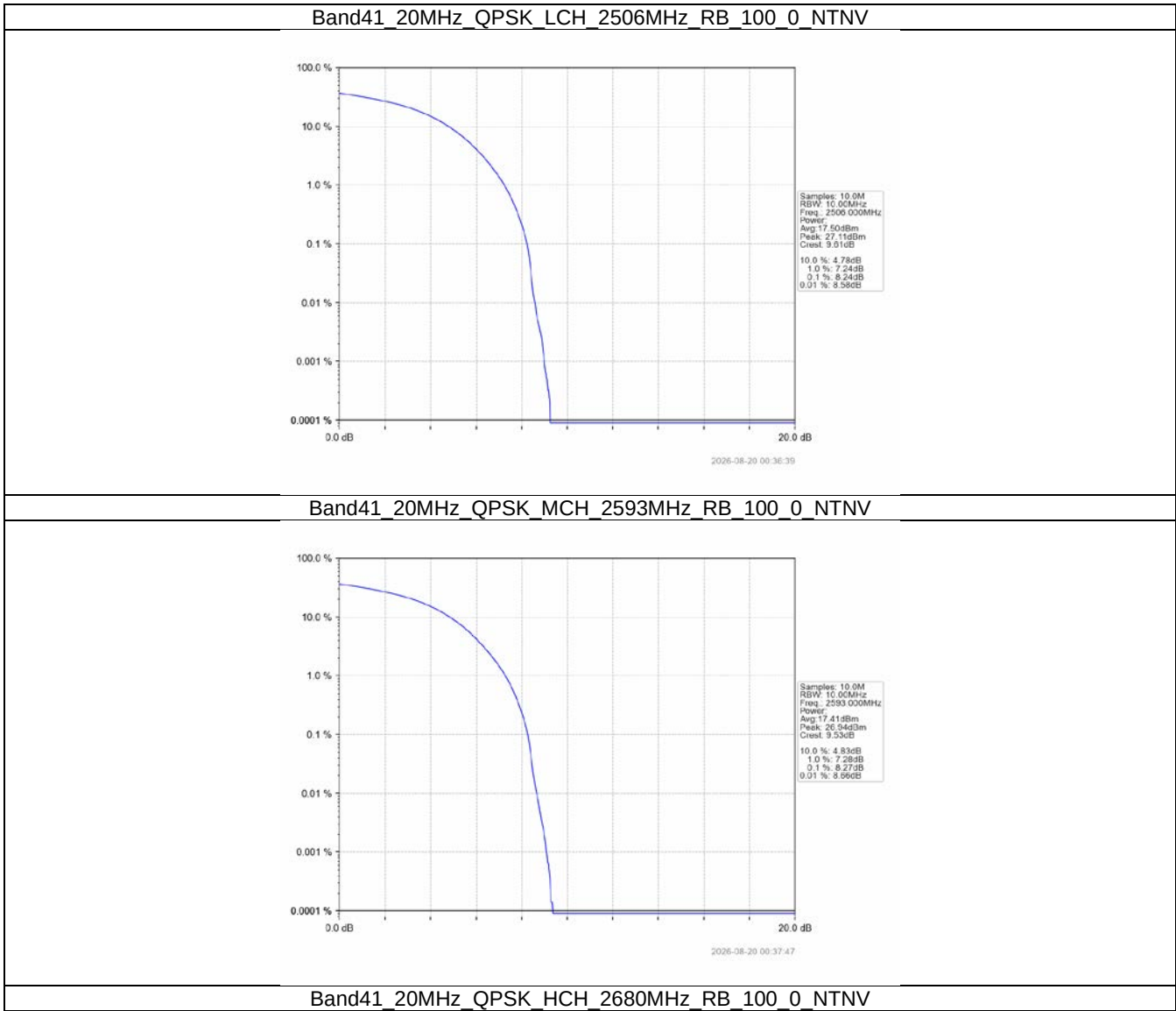
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

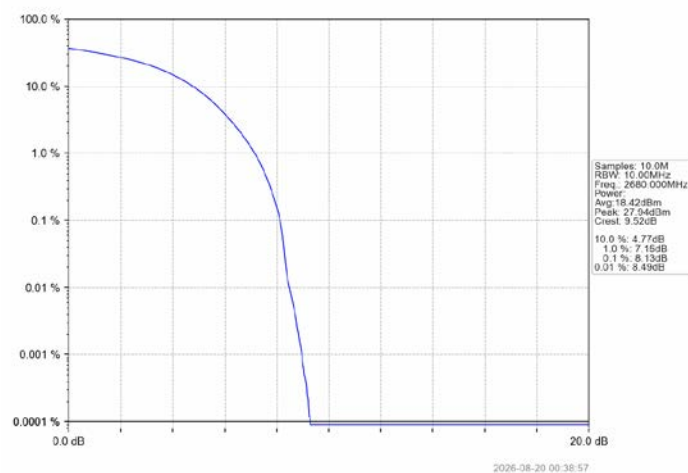


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

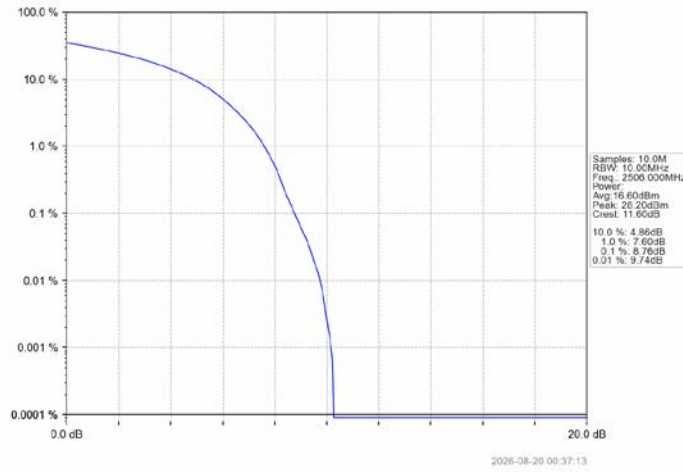


4.2.4 B41_20MHz

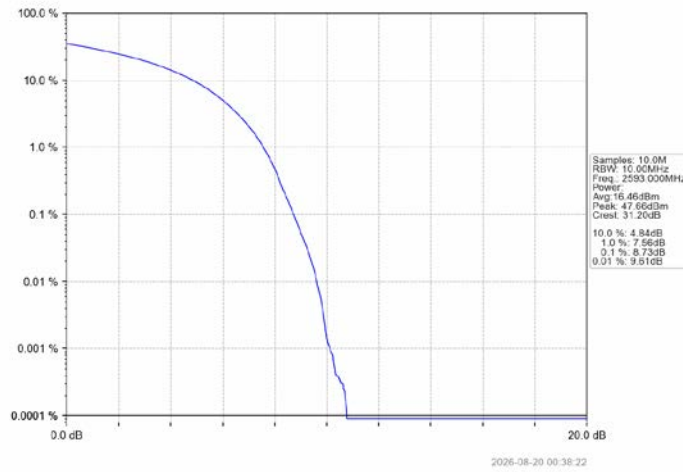




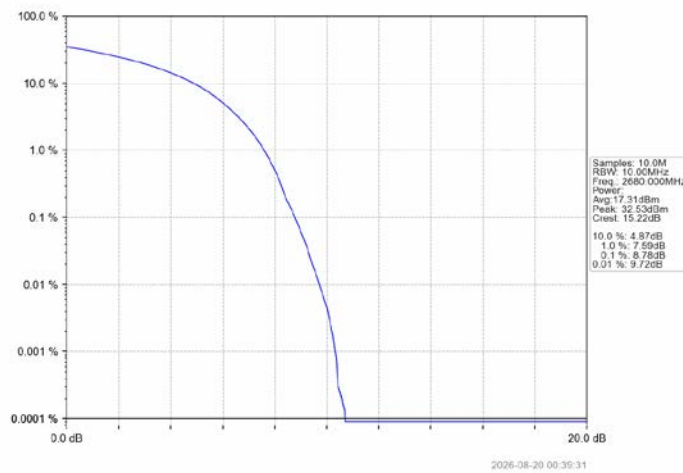
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission and Band Edge

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
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
	2687.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	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
	2687.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTV						
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
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	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
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTV						
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
	2682.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass

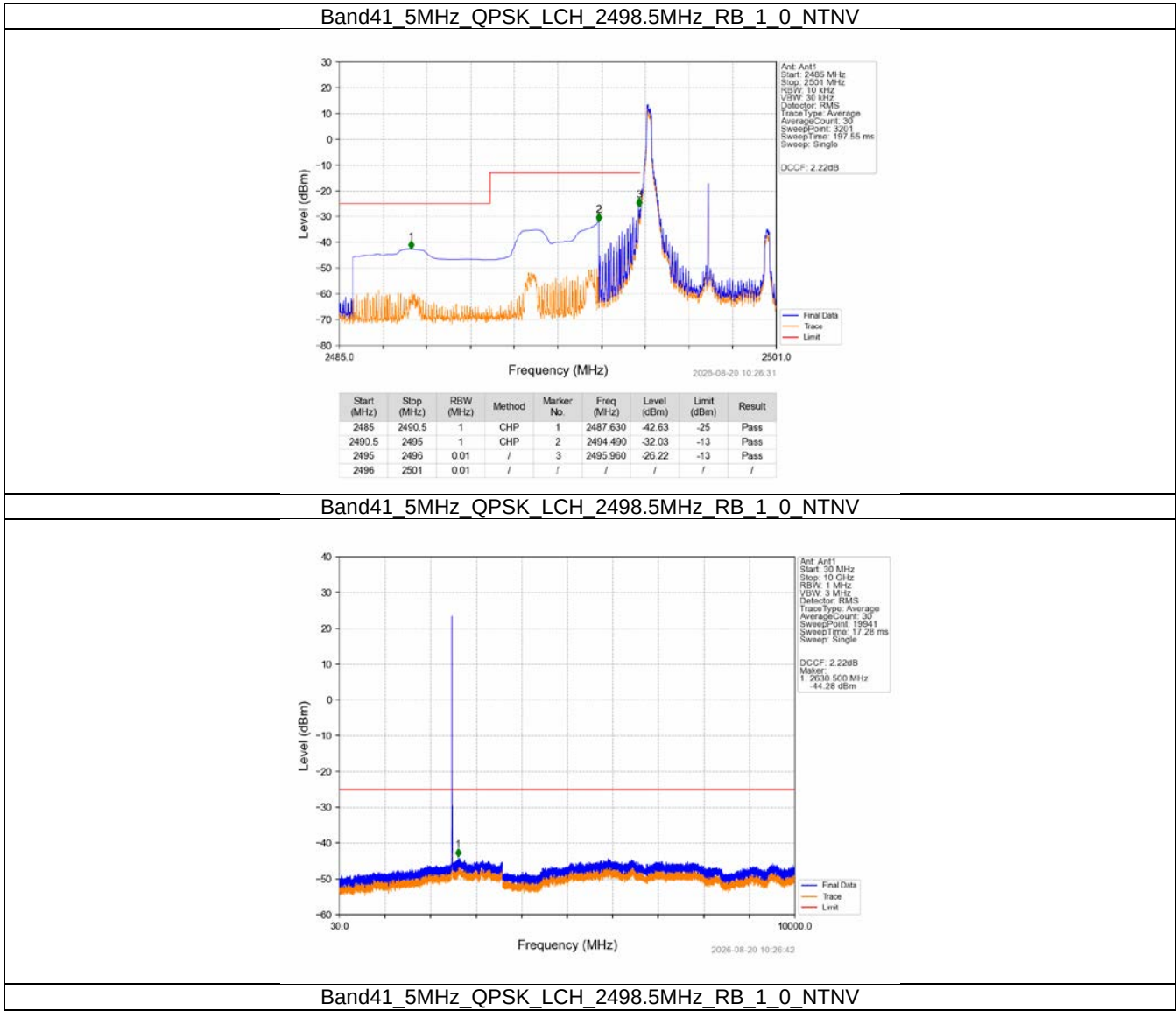
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

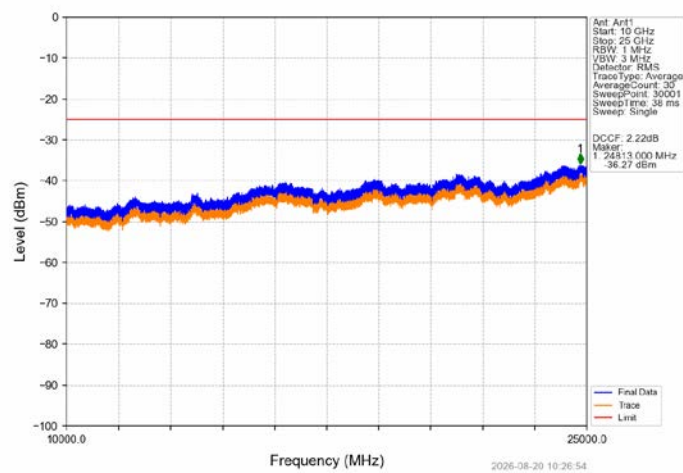
5.1.4 B41_20MHz

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

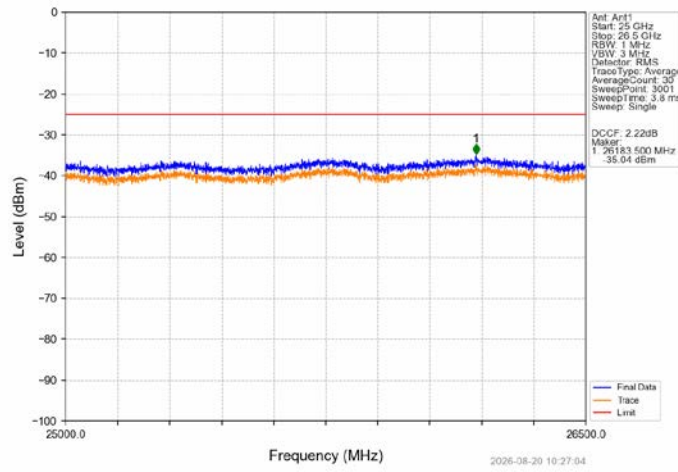
5.2 Test Graph

5.2.1 B41_5MHz

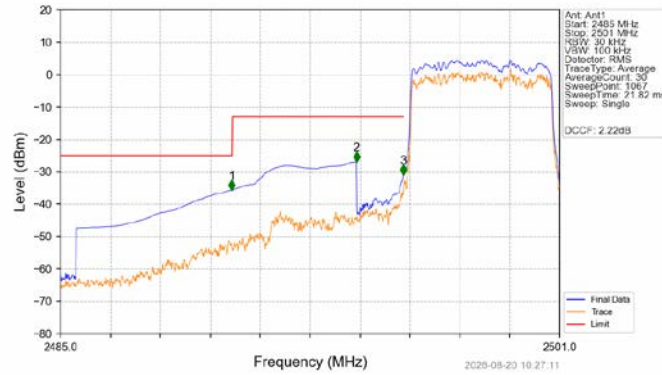




Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

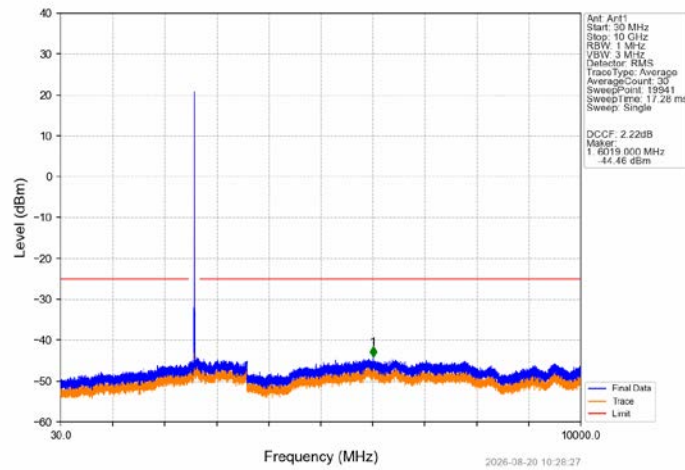


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

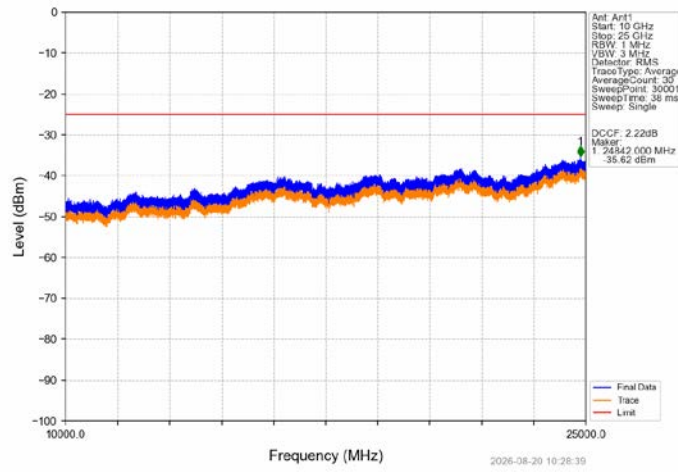


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-35.75	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-26.88	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-30.95	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

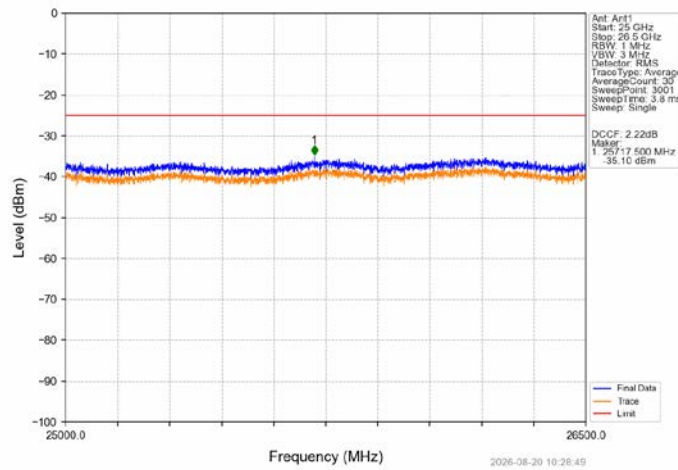
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



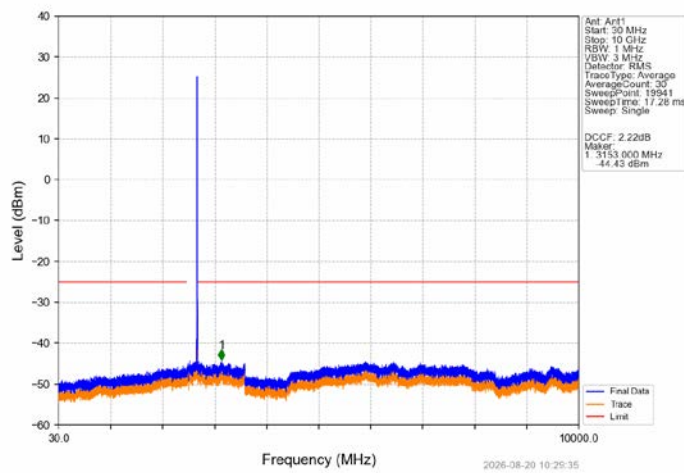
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



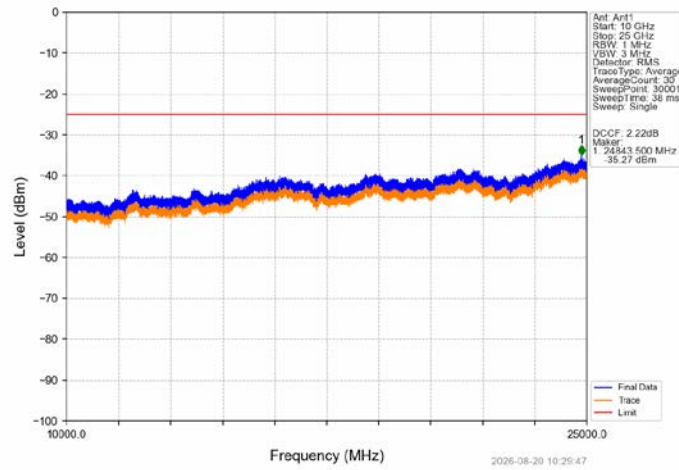
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



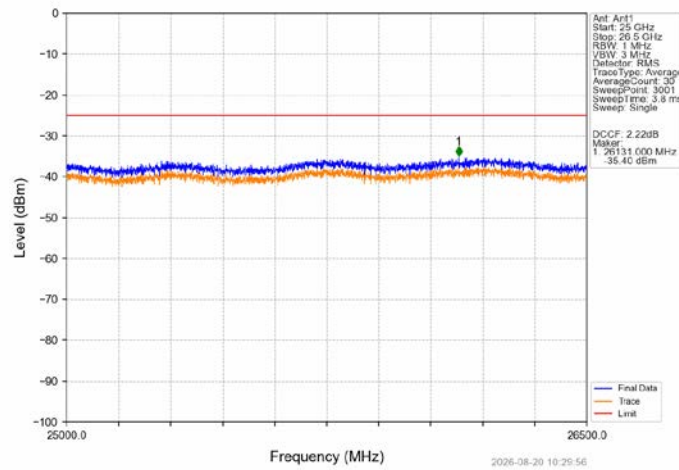
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



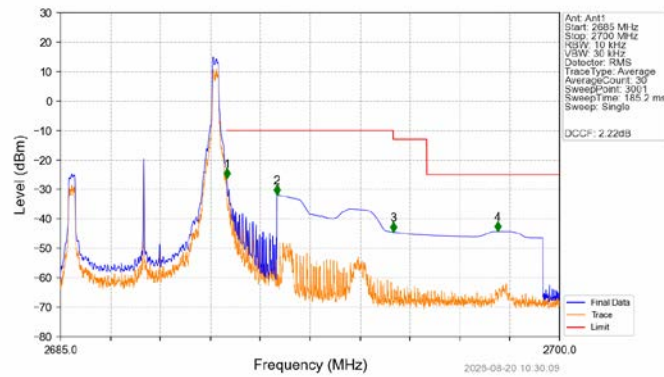
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

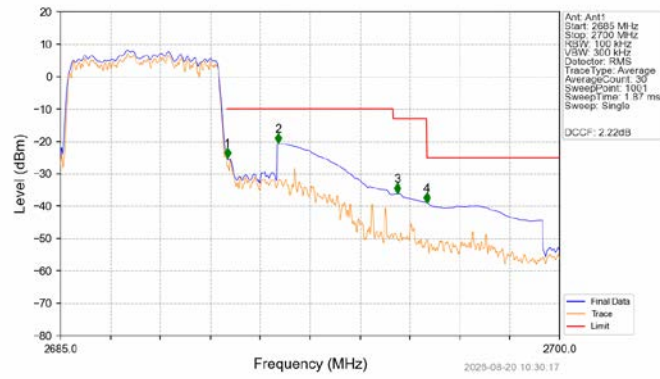


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV

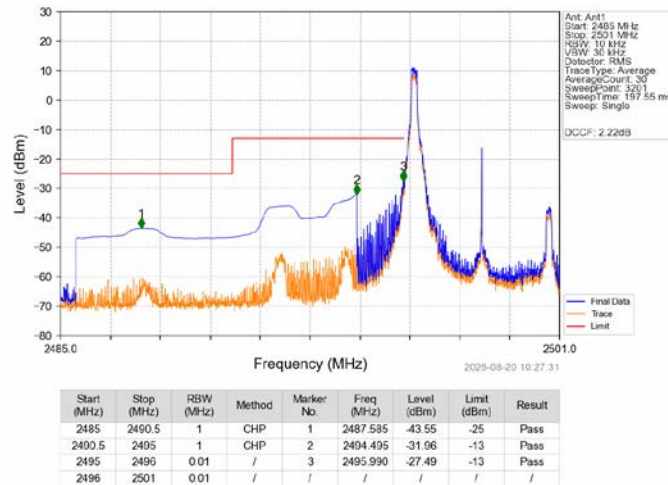


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-26.28	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.80	-10	Pass
2695	2696	1	CHP	3	2695.005	-44.43	-13	Pass
2696	2700	1	CHP	4	2698.130	-44.26	-25	Pass

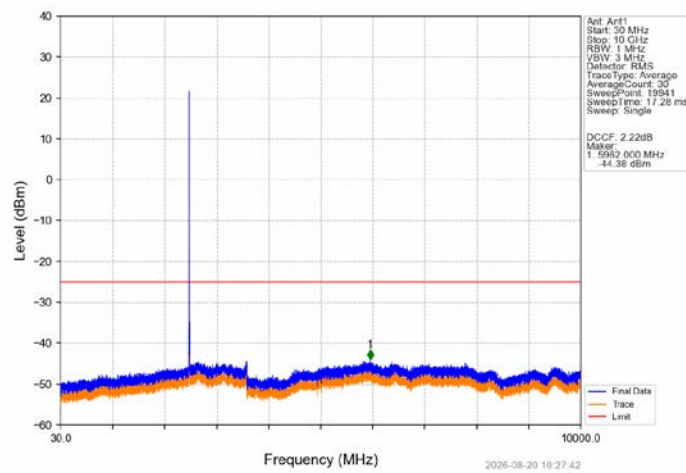
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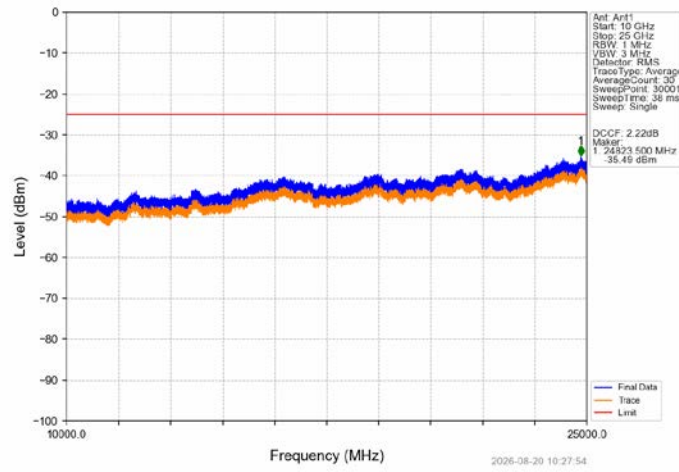
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



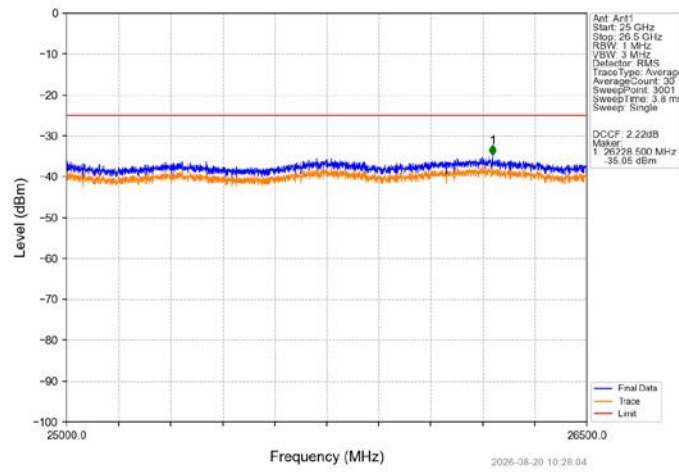
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



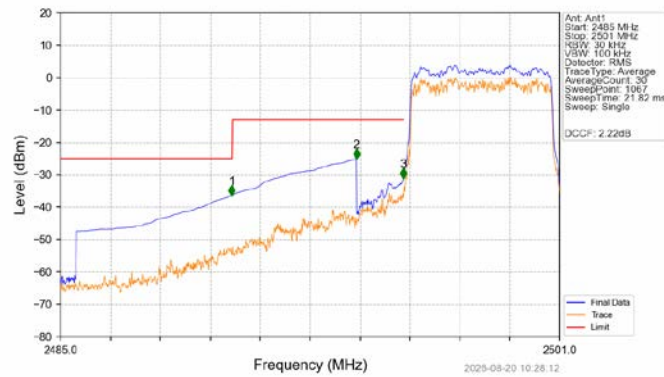
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

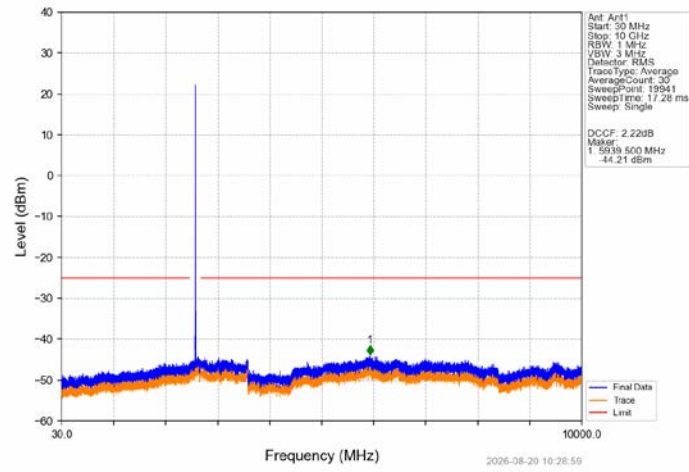


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

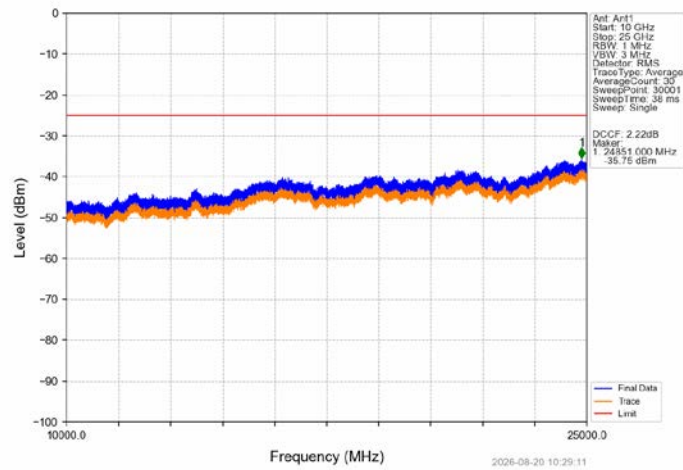


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-36.35	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-25.16	-13	Pass
2495	2496	0.053	CHP	3	2495.987	-31.10	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

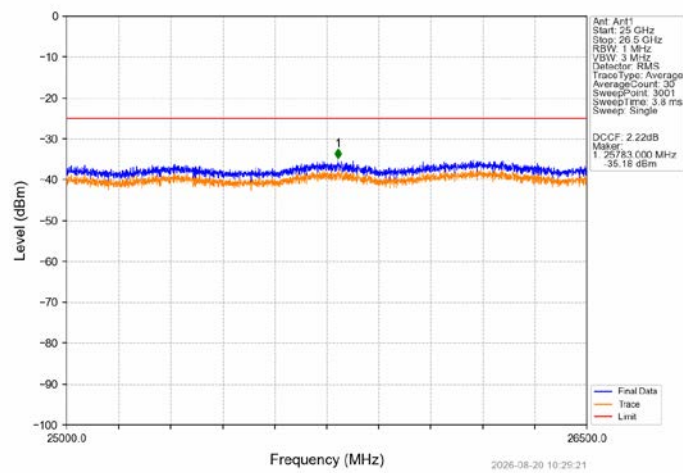
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



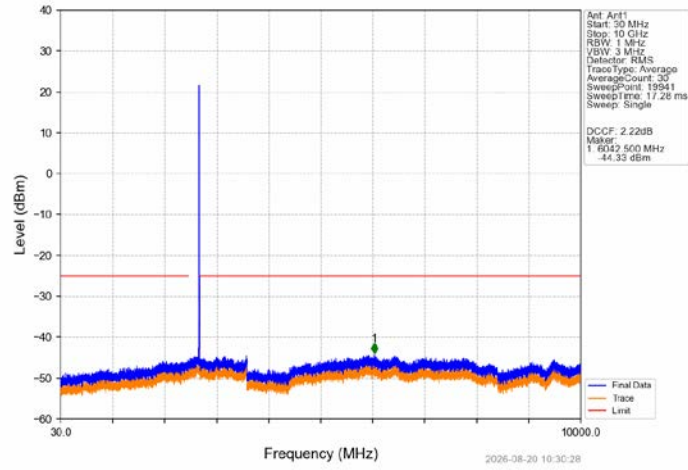
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



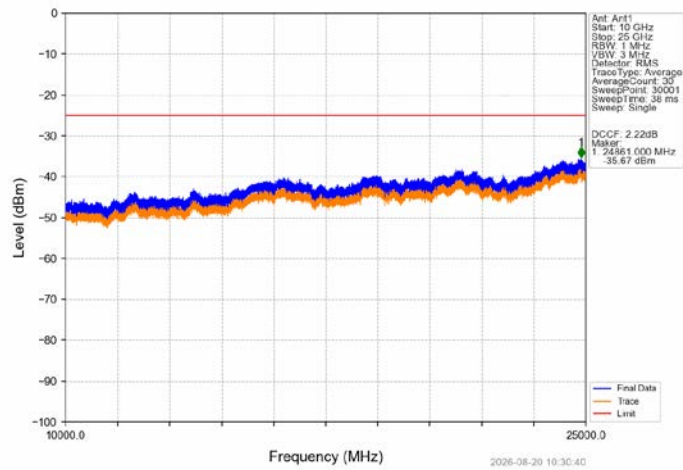
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



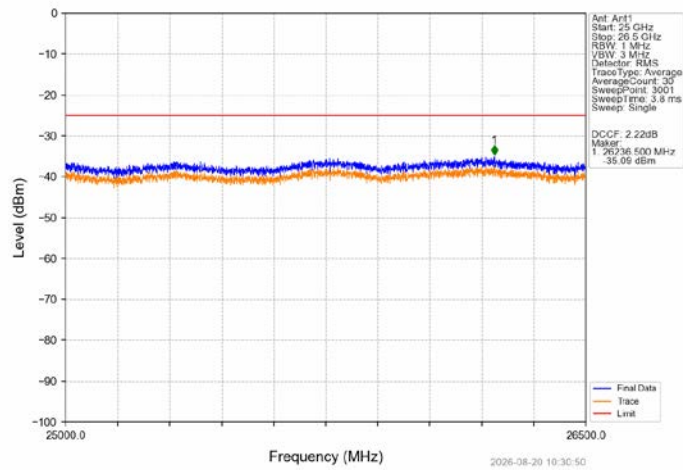
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



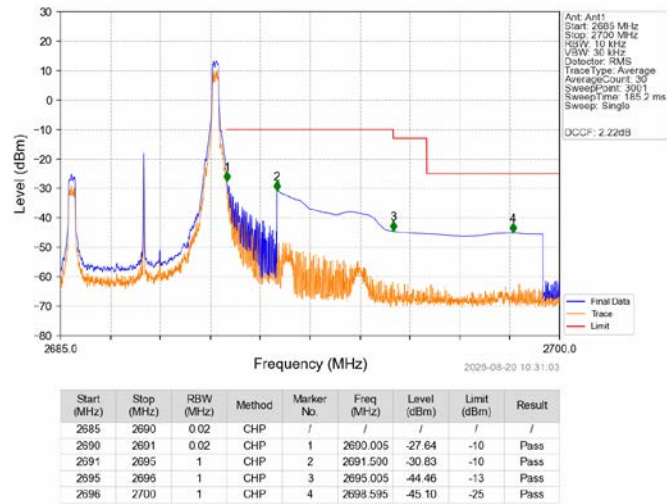
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



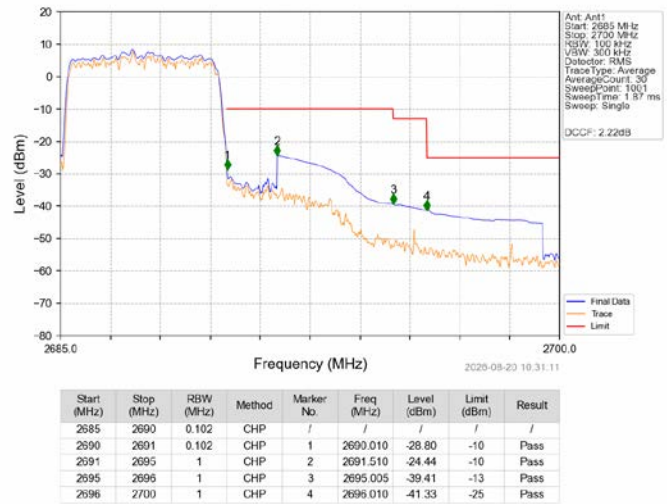
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV

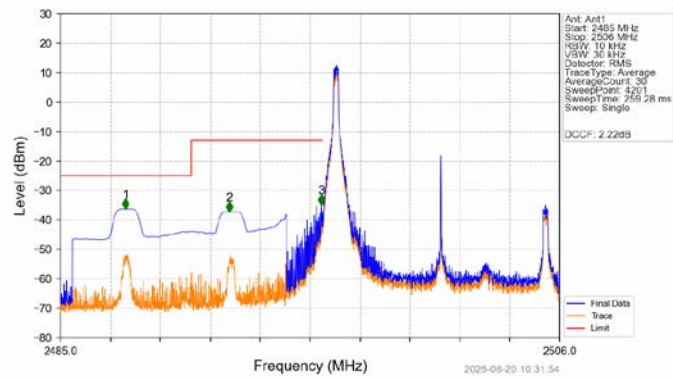


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

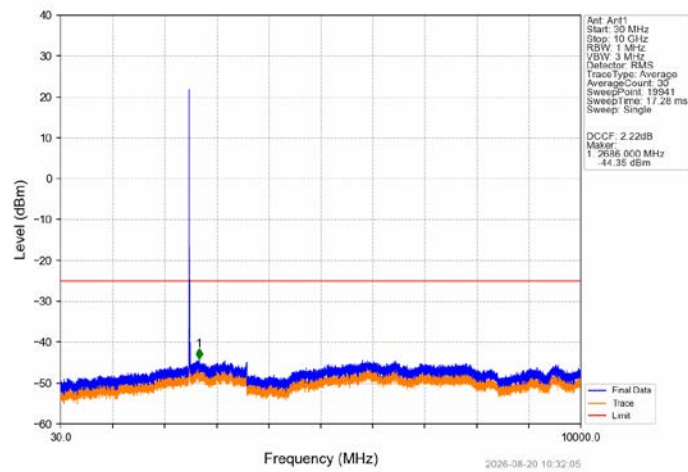


5.2.2 B41_10MHz

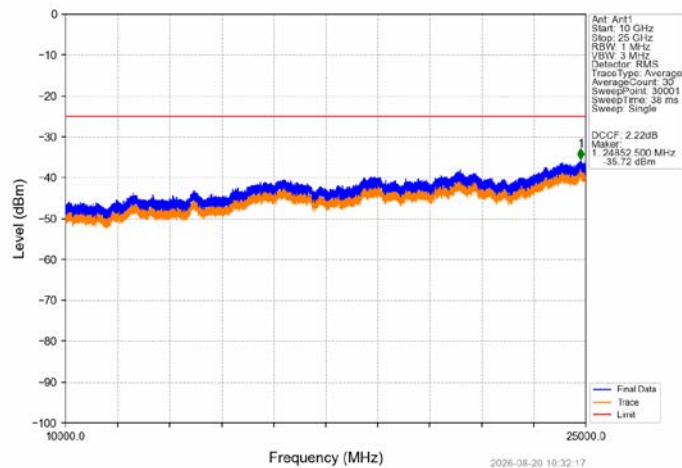
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



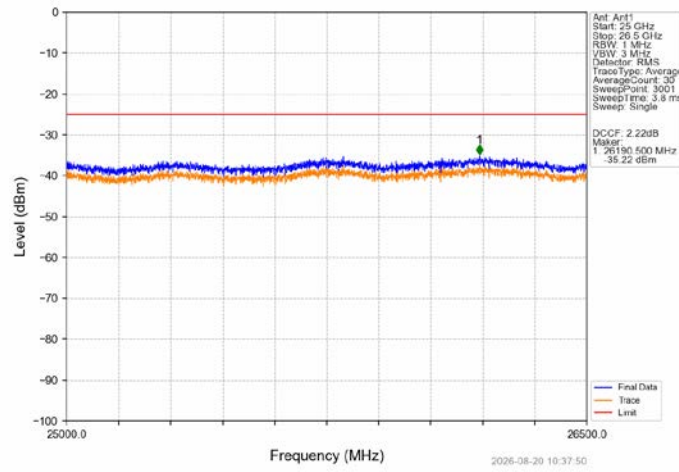
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



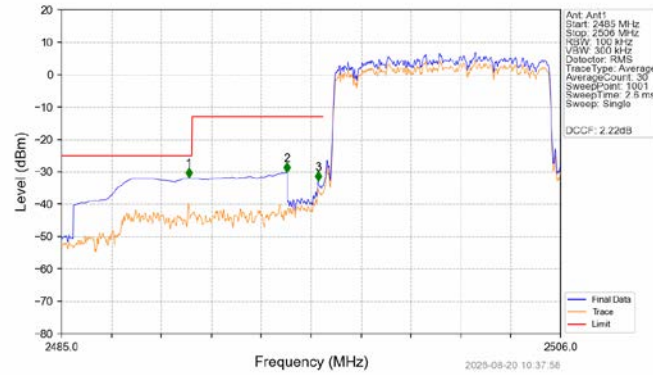
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

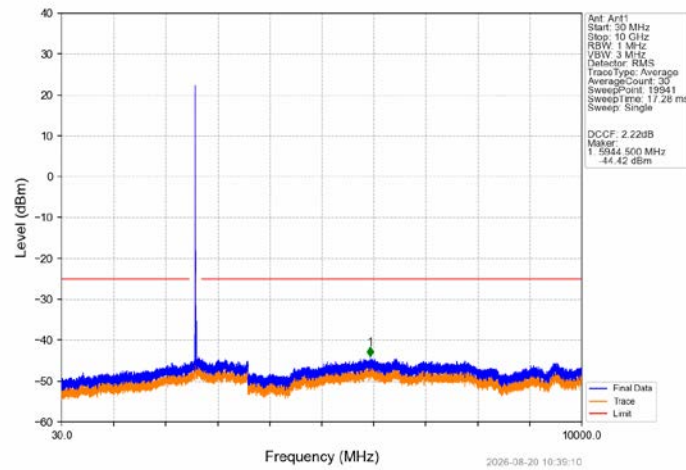


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

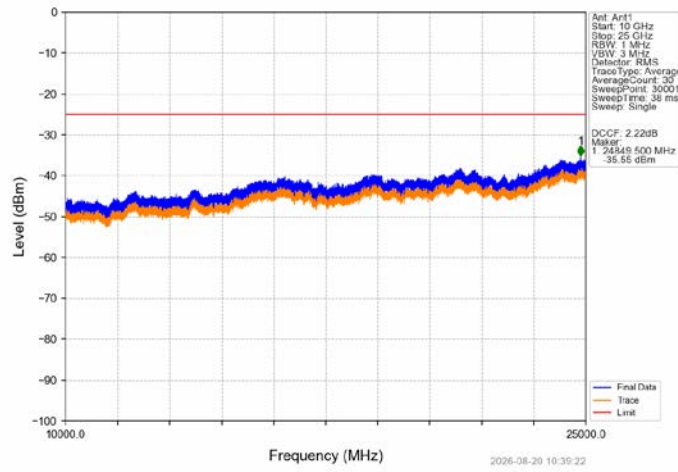


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.355	-31.93	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-30.30	-13	Pass
2495	2496	0.1	/	3	2495.794	-32.88	-13	Pass
2496	2506	0.1	/	/	/	/	/	/

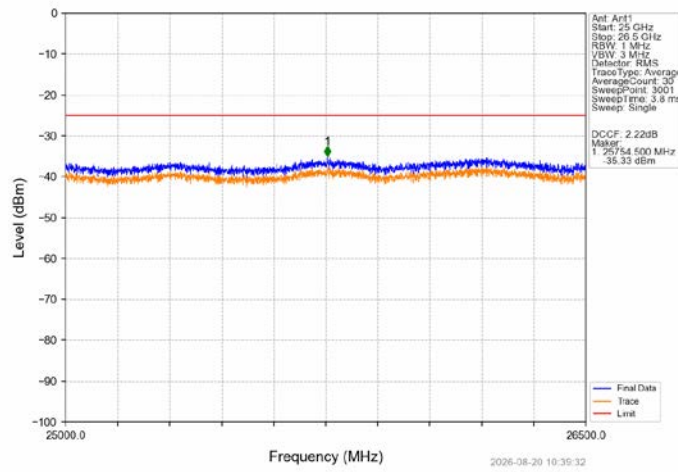
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



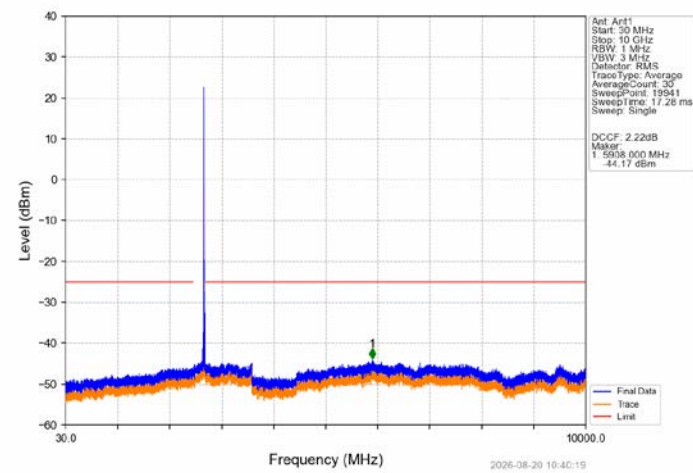
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



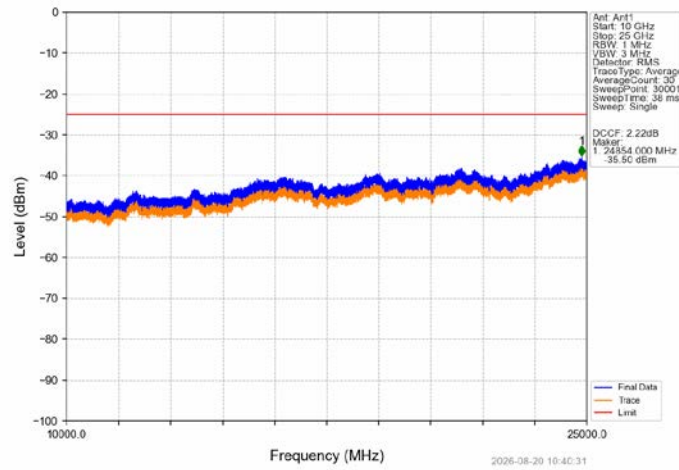
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



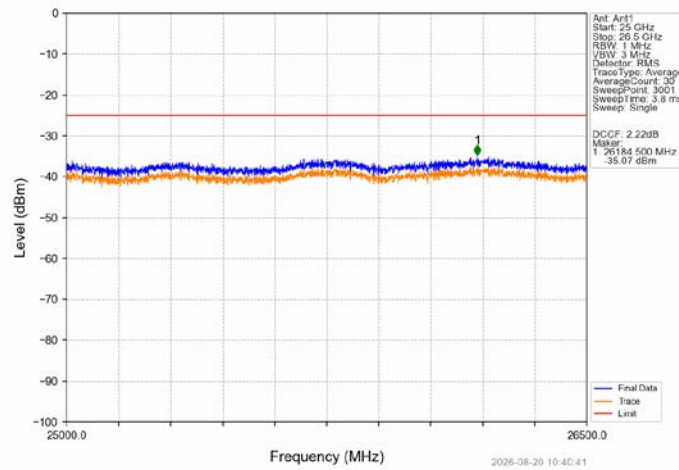
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



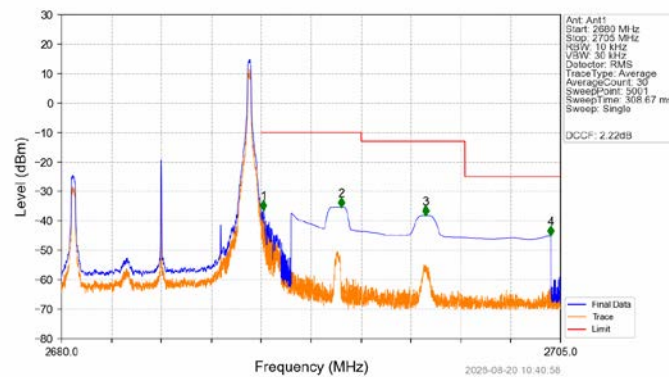
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

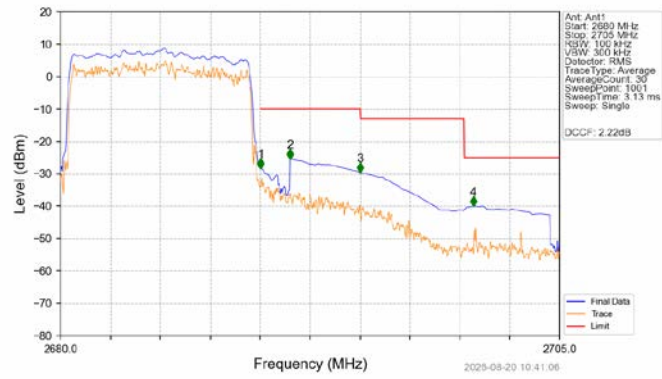


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV

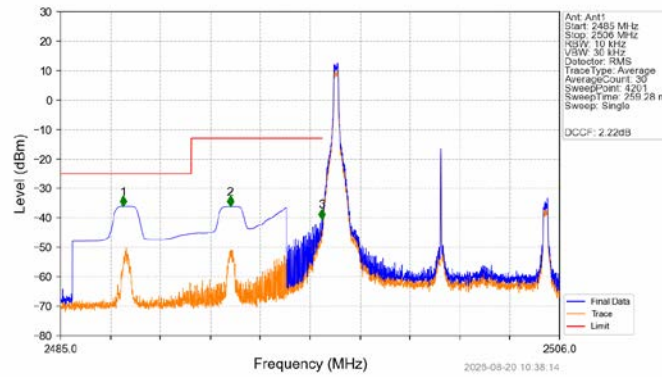


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.120	-36.55	-10	Pass
2691	2695	1	CHP	2	2694.005	-35.42	-10	Pass
2695	2700.204	1	CHP	3	2696.230	-38.20	-13	Pass
2700.204	2705	1	CHP	4	2704.500	-45.03	-25	Pass

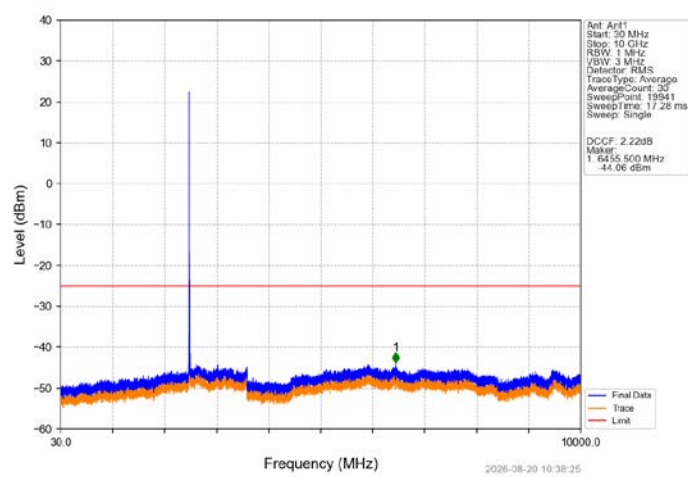
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



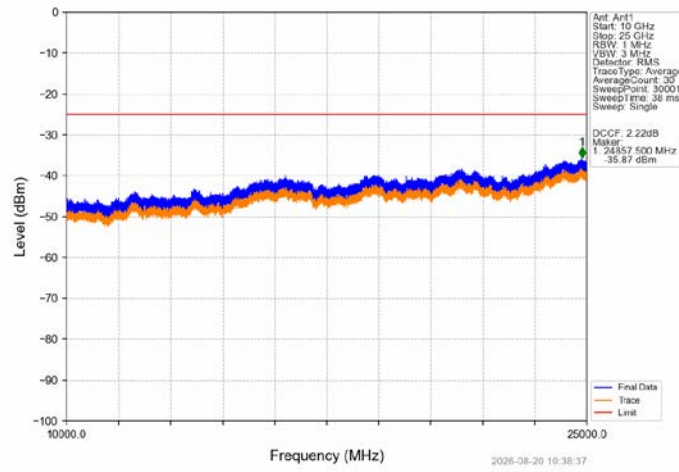
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



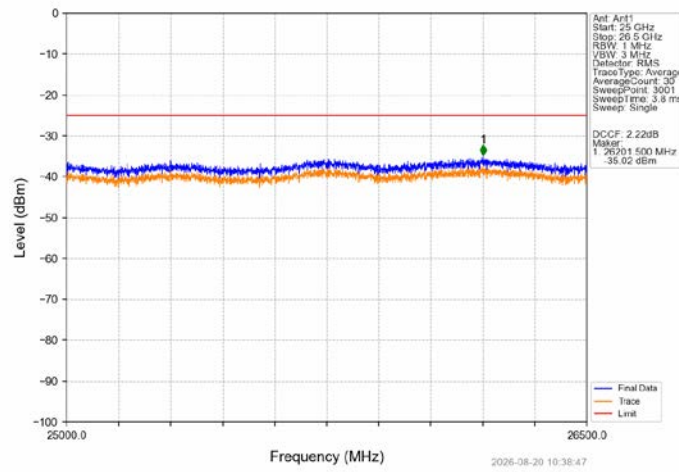
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



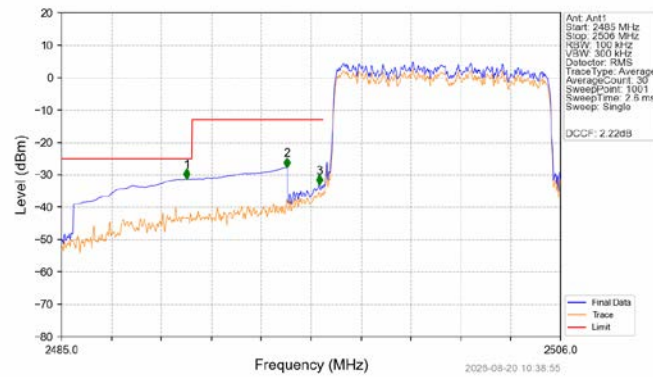
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

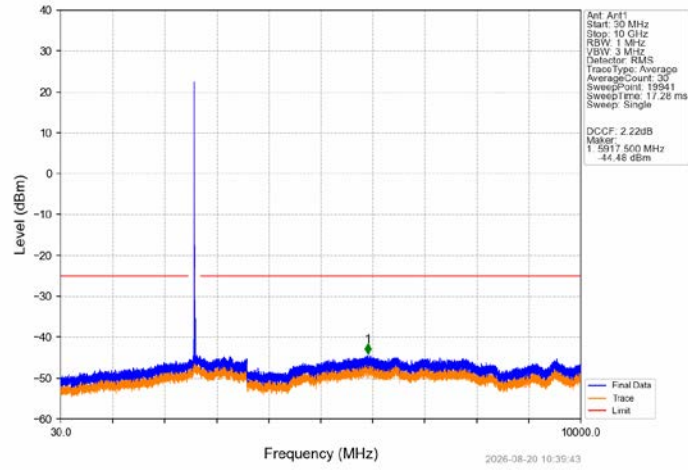


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

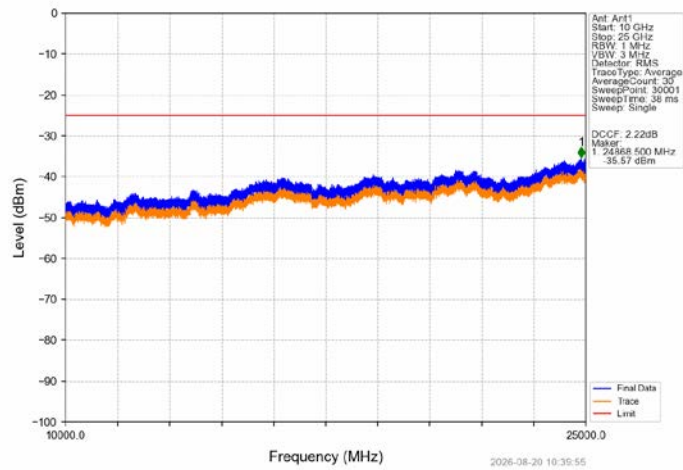


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.271	-31.30	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-27.76	-13	Pass
2495	2496	0.1	/	3	2495.836	-33.17	-13	Pass
2496	2506	0.1	/	/	/	/	/	/

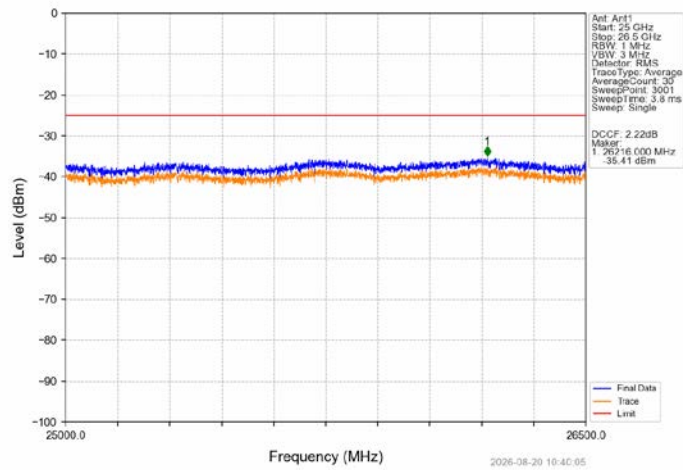
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



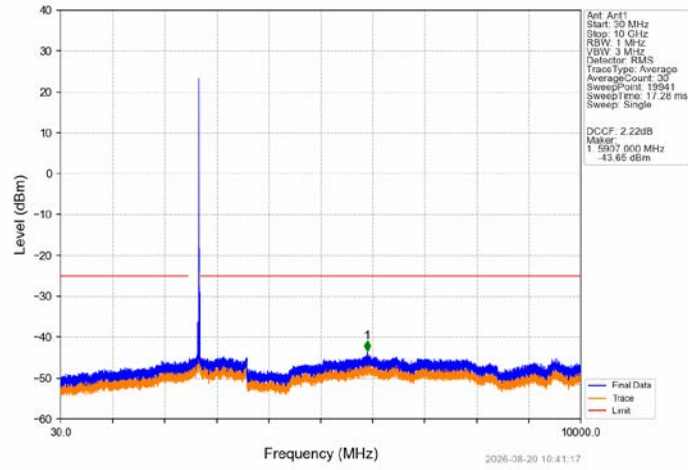
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



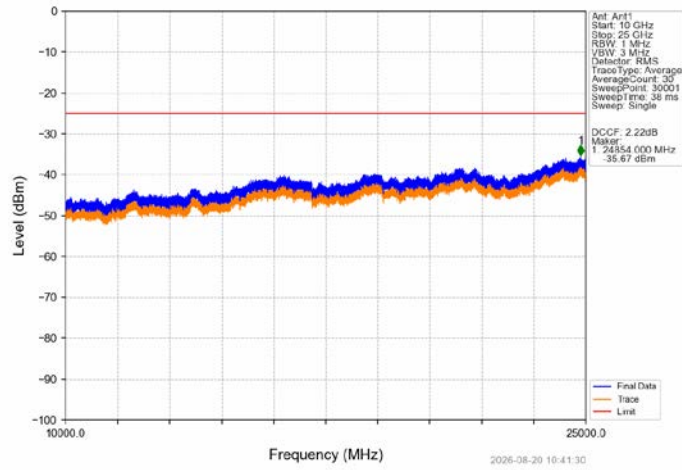
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



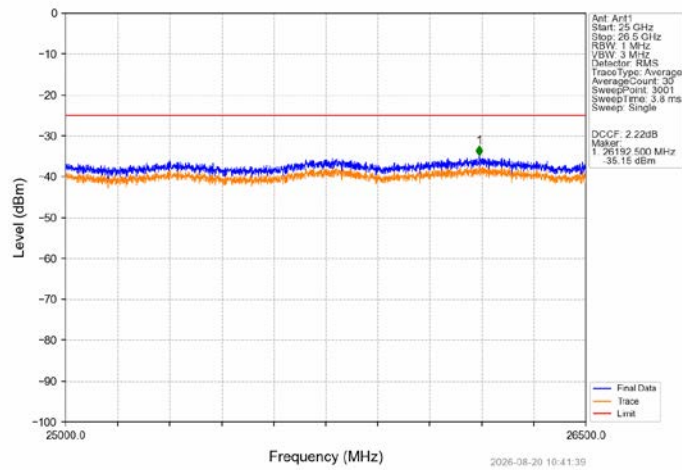
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



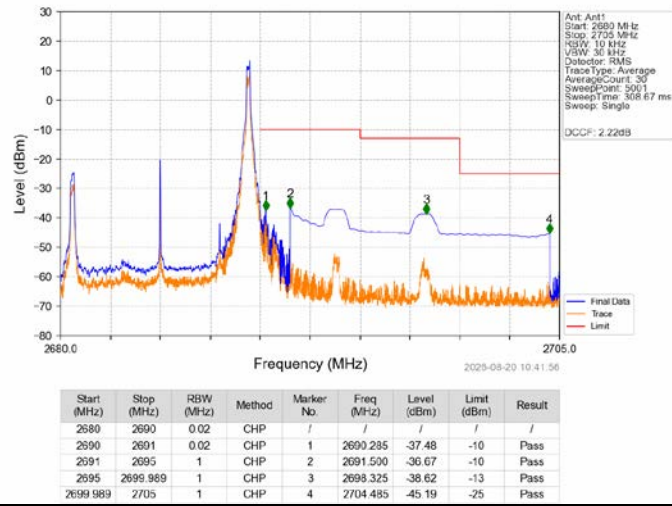
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



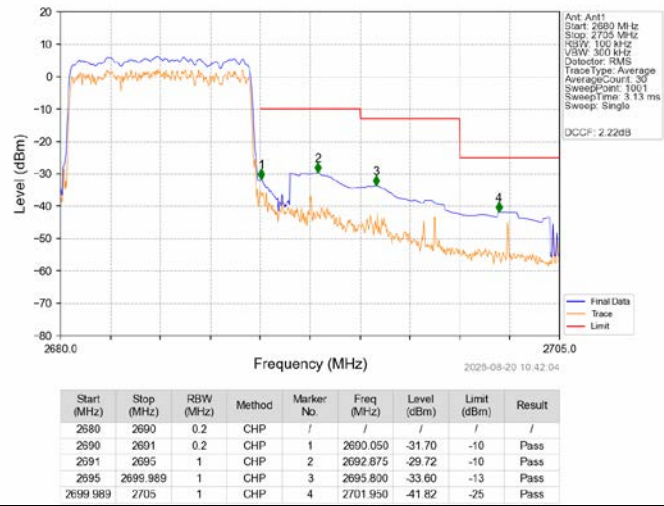
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41 10MHz 16QAM HCH 2685MHz RB 1 49 NTNV

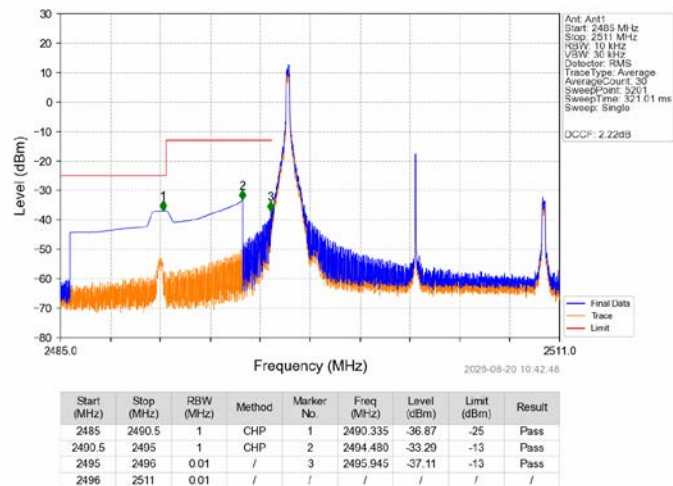


Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV

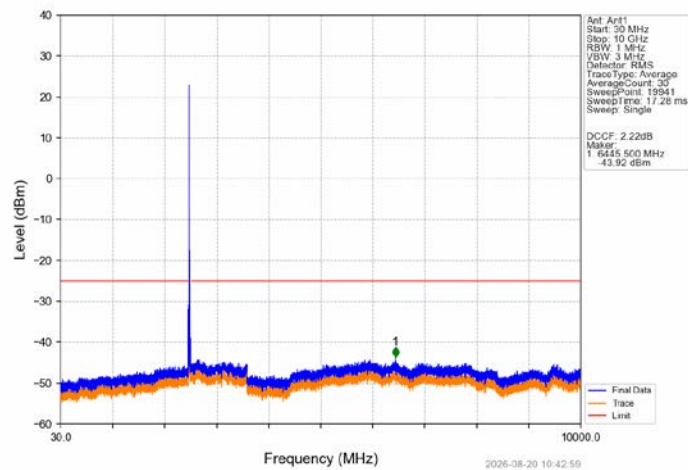


5.2.3 B41_15MHz

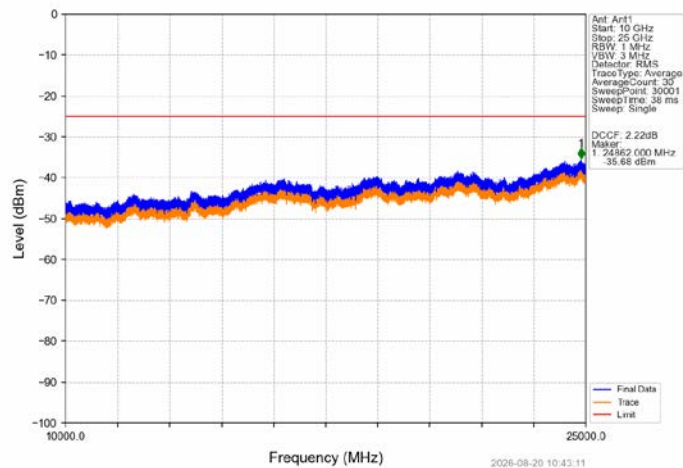
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



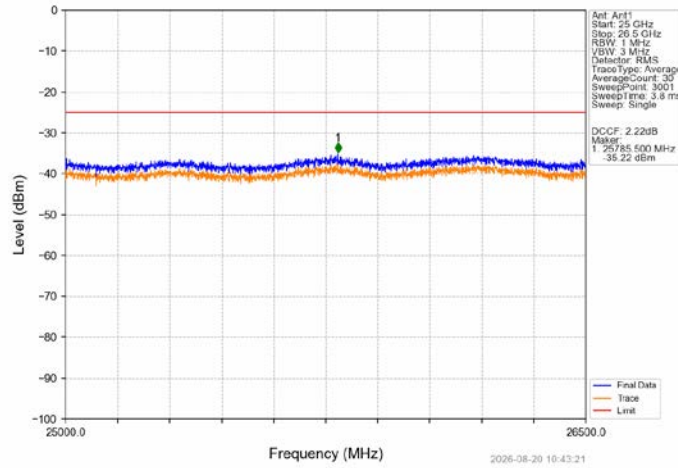
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



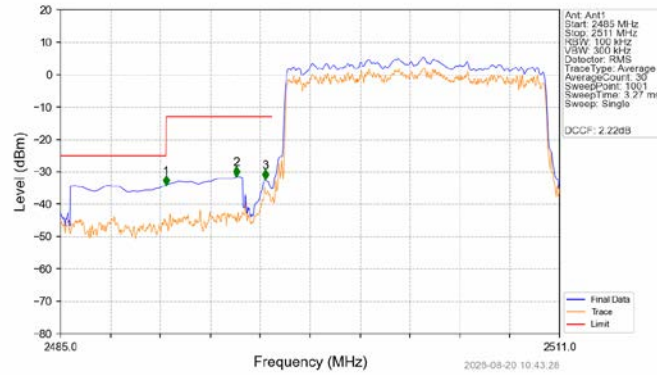
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

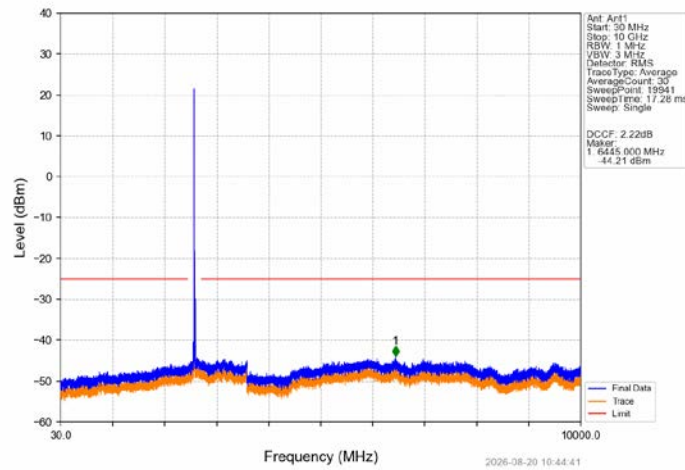


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

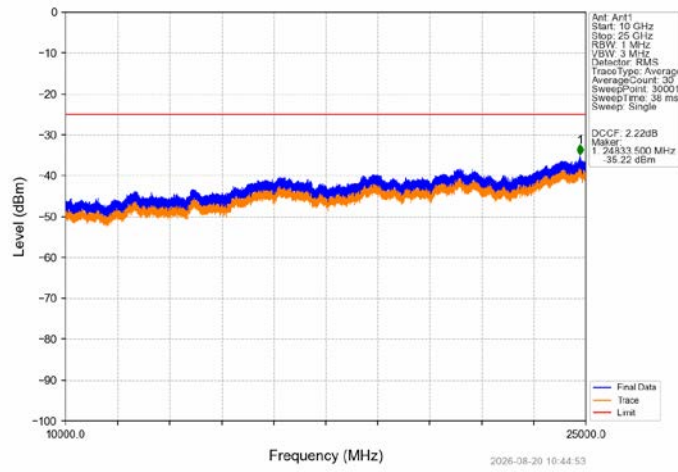


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-34.15	-25	Pass
2490.5	2495	1	CHP	2	2494.152	-31.54	-13	Pass
2495	2496	0.154	CHP	3	2495.660	-32.46	-13	Pass
2496	2511	0.154	CHP	/	/	/	/	/

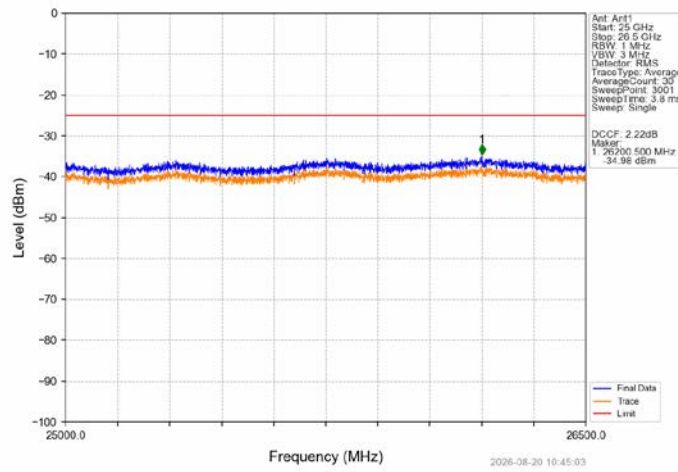
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



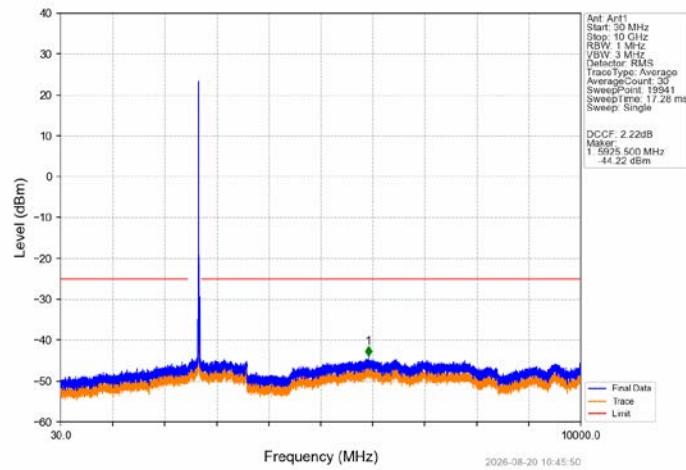
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



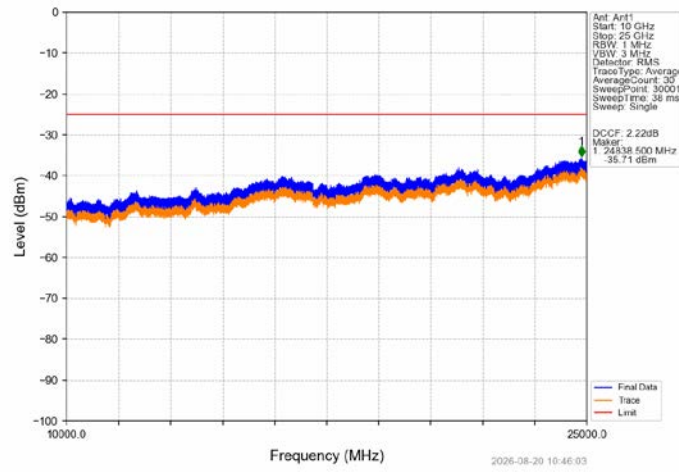
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



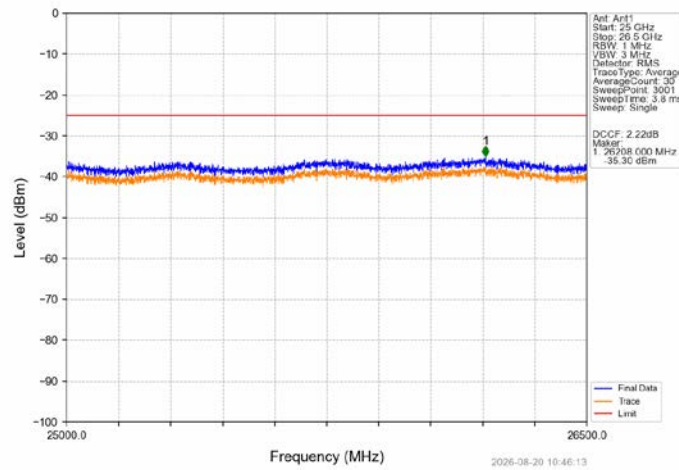
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



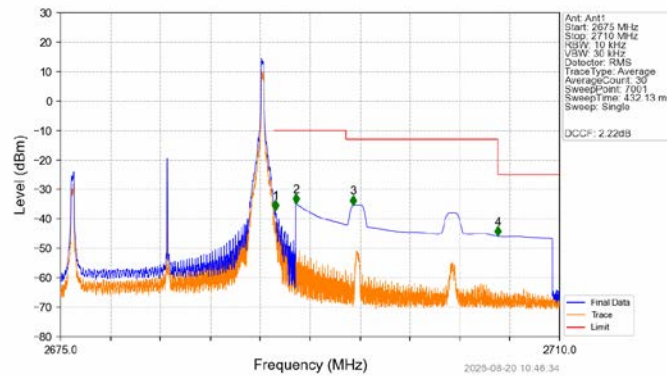
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

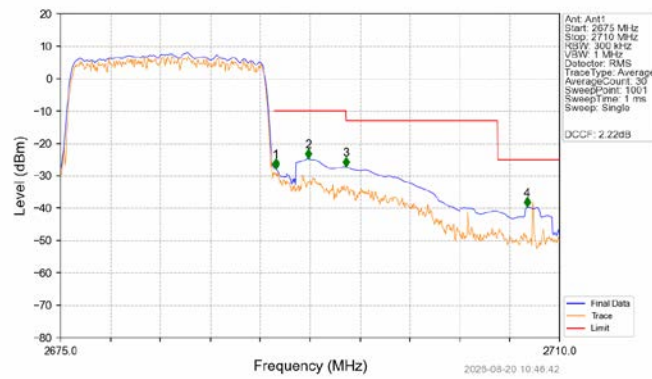


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



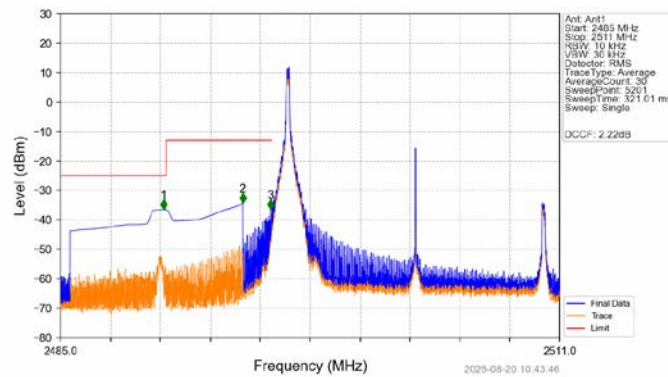
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.070	-37.13	-10	Pass
2691	2695	1	CHP	2	2691.505	-34.79	-10	Pass
2695	2705.655	1	CHP	3	2695.515	-35.36	-13	Pass
2705.655	2710	1	CHP	4	2705.665	-45.86	-25	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



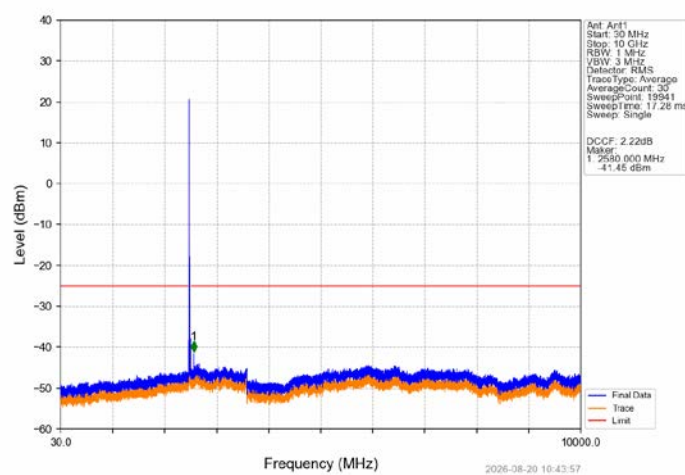
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.313	CHP	/	/	/	/	/
2690	2691	0.313	CHP	1	2690.085	-27.78	-10	Pass
2691	2695	1	CHP	2	2692.395	-24.72	-10	Pass
2695	2705.655	1	CHP	3	2695.020	-27.28	-13	Pass
2705.655	2710	1	CHP	4	2707.725	-39.71	-25	Pass

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

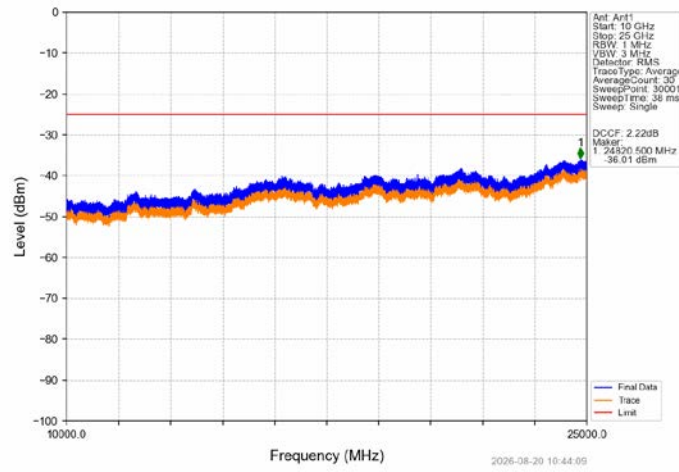


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.380	-36.50	-25	Pass
2490.5	2495	1	CHP	2	2494.485	-34.30	-13	Pass
2495	2496	0.01	/	3	2495.930	-36.52	-13	Pass
2496	2511	0.01	/	/	/	/	/	/

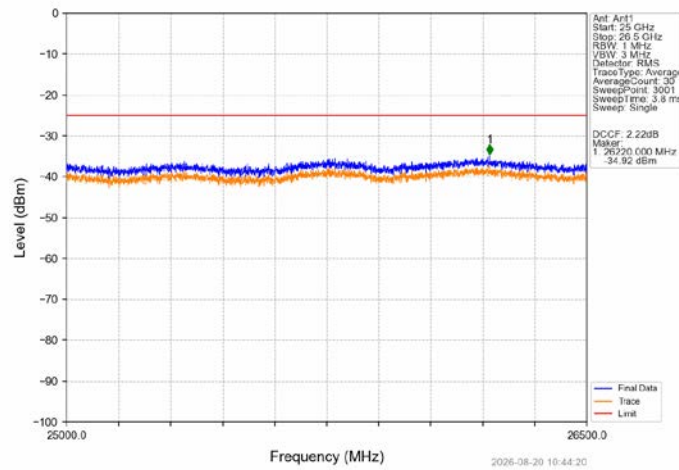
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



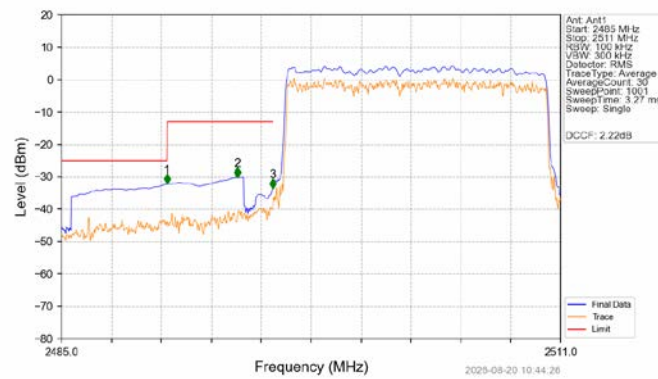
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

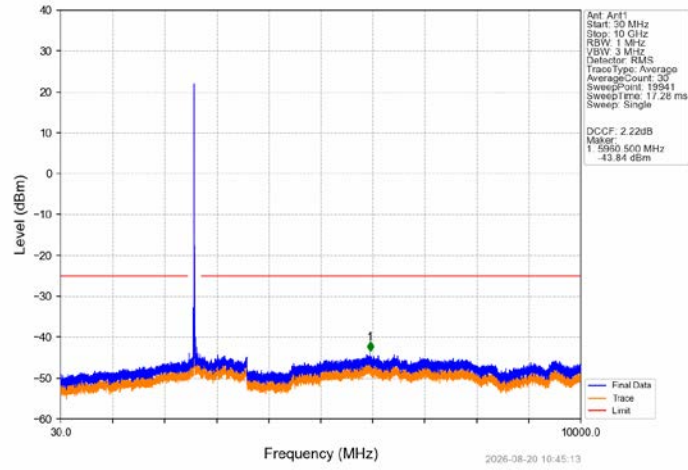


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

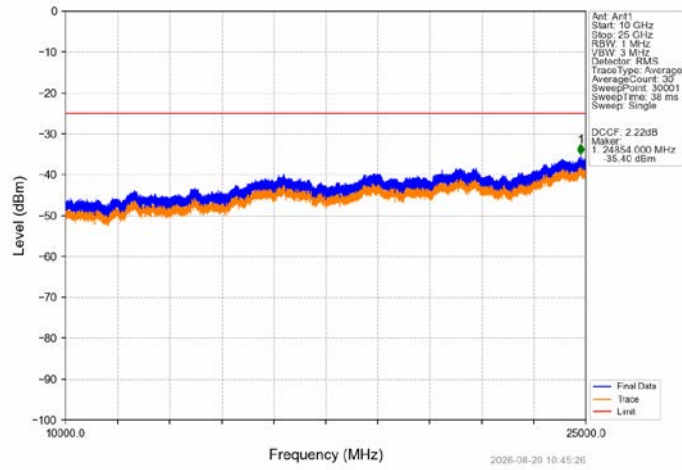


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-32.26	-25	Pass
2490.5	2495	1	CHP	2	2494.152	-30.20	-13	Pass
2495	2496	0.194	CHP	3	2495.998	-33.67	-13	Pass
2496	2511	0.194	CHP	/	/	/	/	/

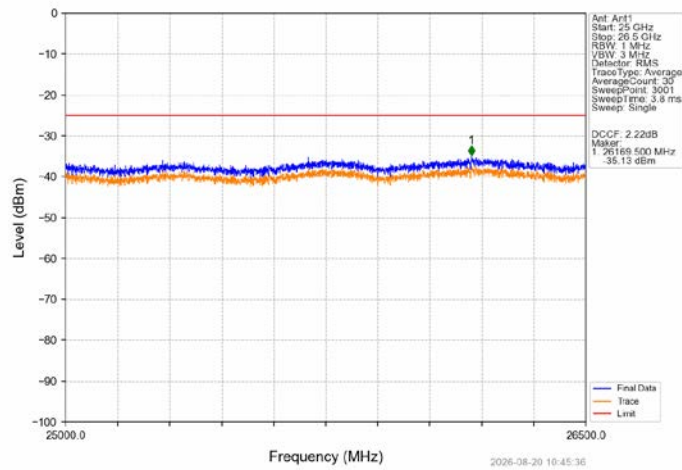
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



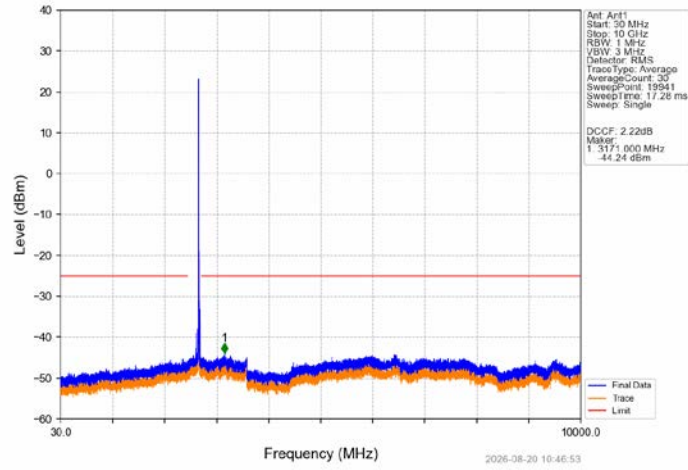
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



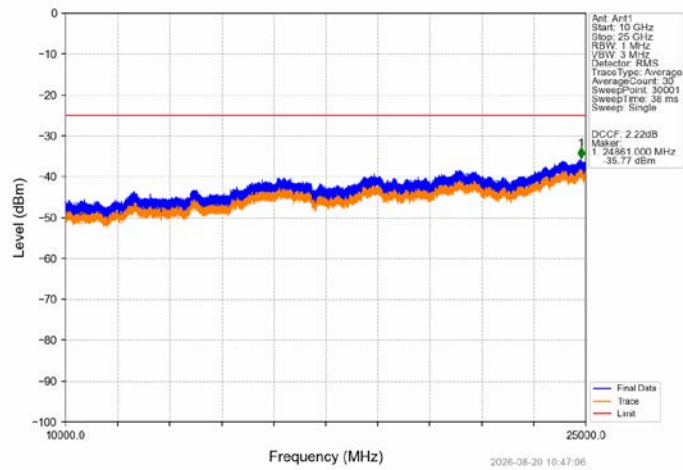
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



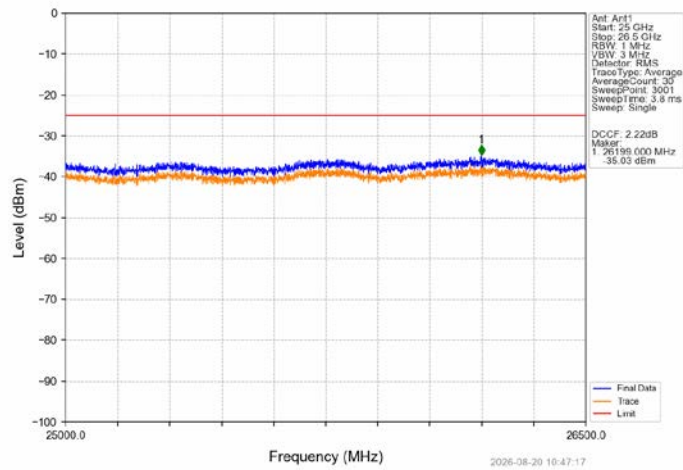
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



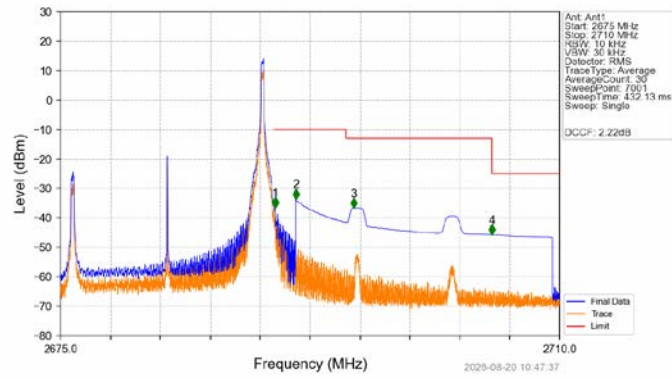
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



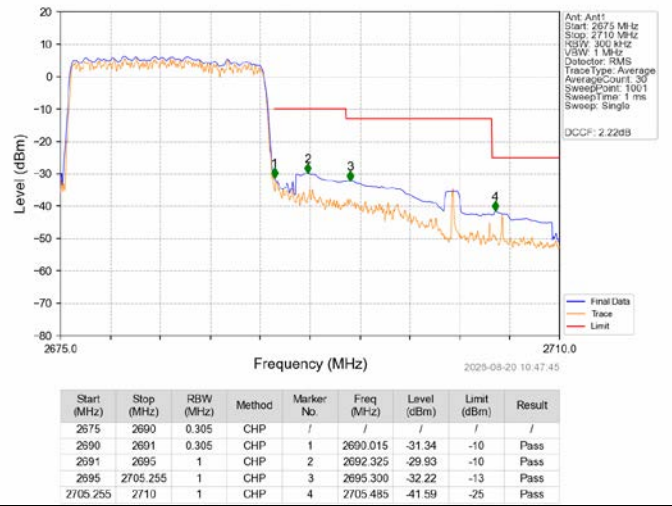
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz 16QAM HCH 2682.5MHz RB 1 74 NTN

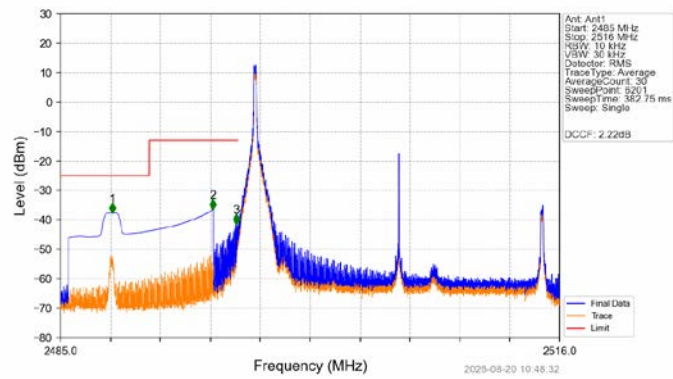


Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTN

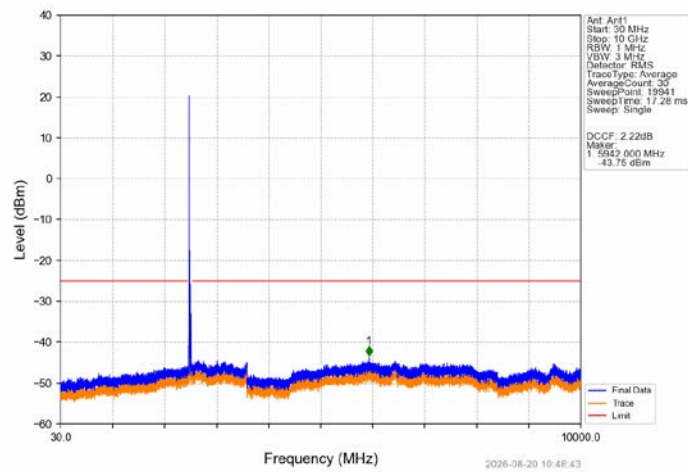


5.2.4 B41_20MHz

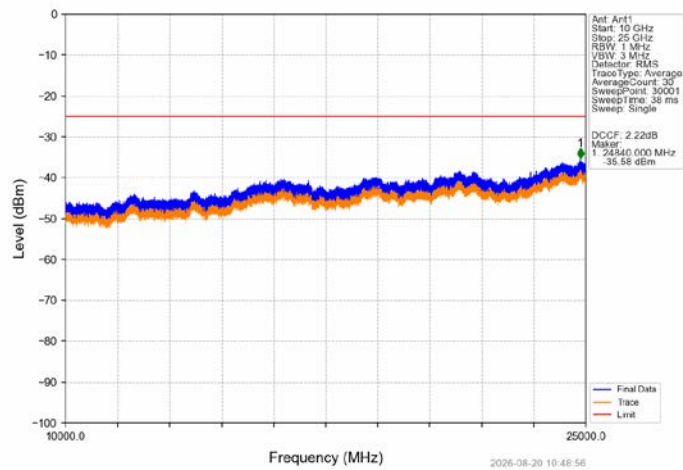
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



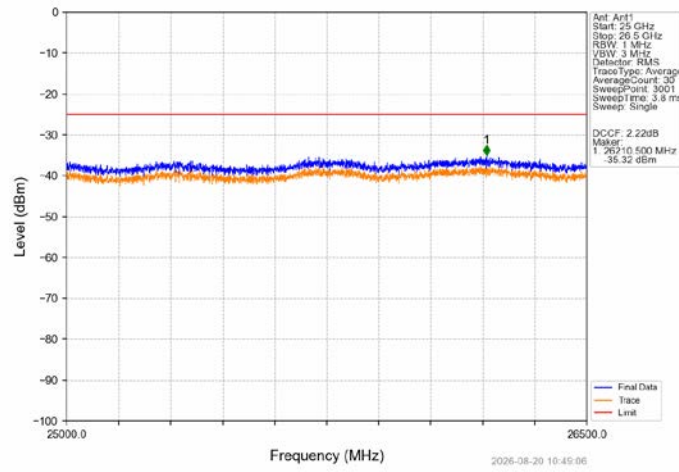
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



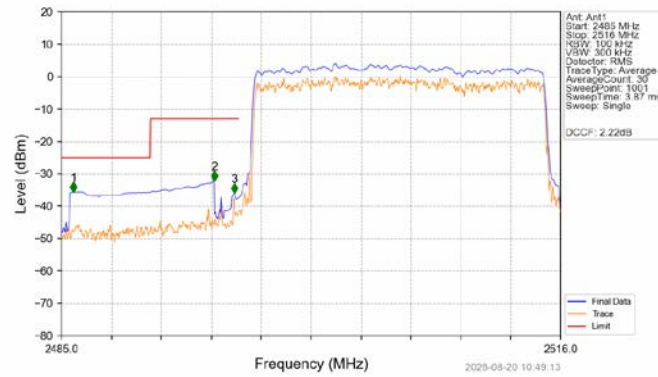
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

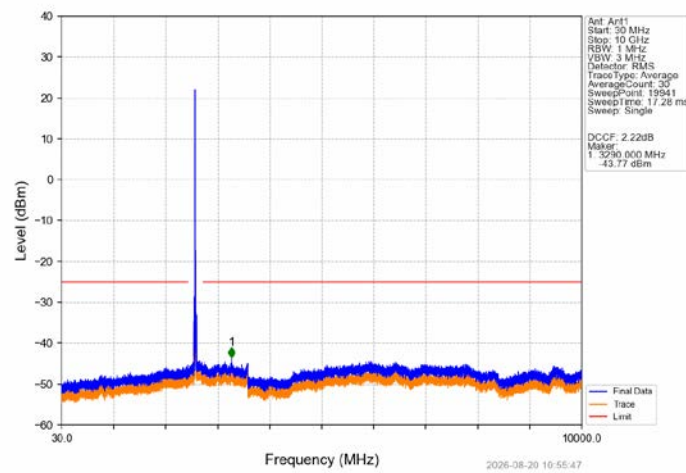


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

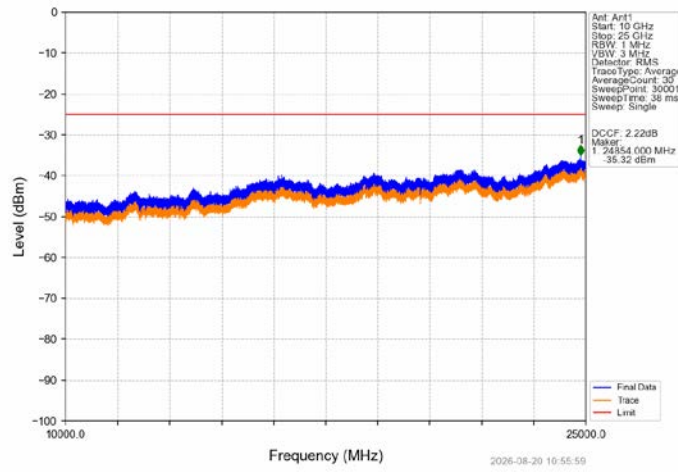


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.744	-35.65	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-32.22	-13	Pass
2495	2496	0.197	CHP	3	2495.726	-36.06	-13	Pass
2496	2516	0.197	CHP	/	/	/	/	/

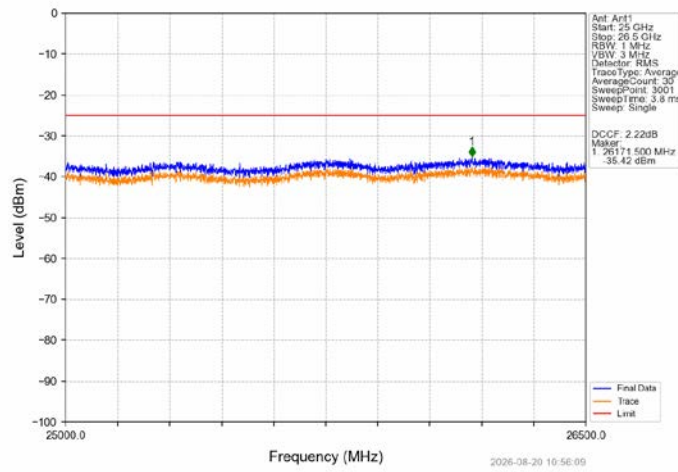
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



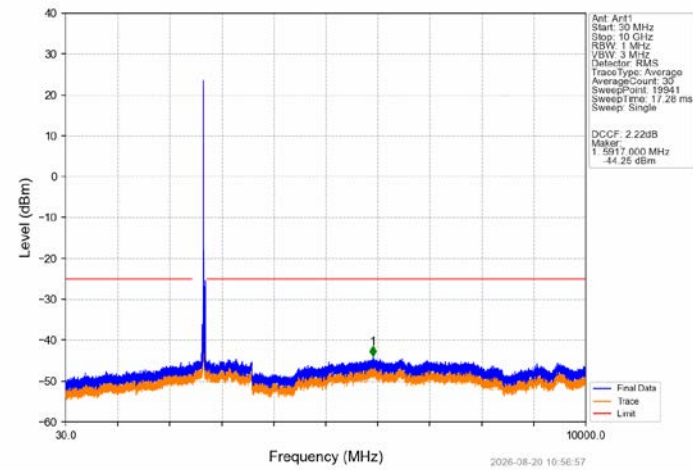
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



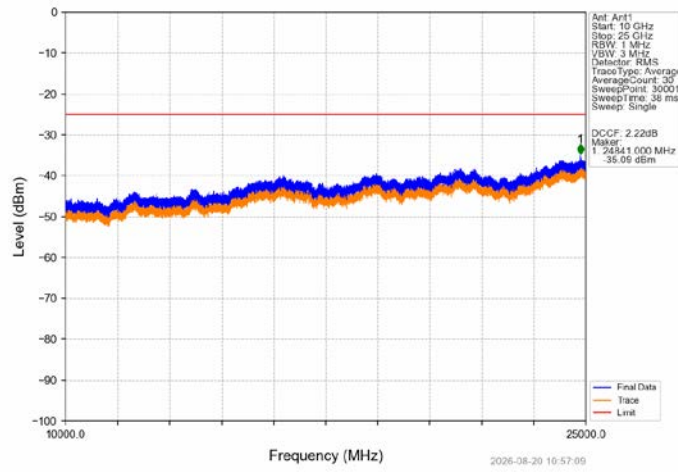
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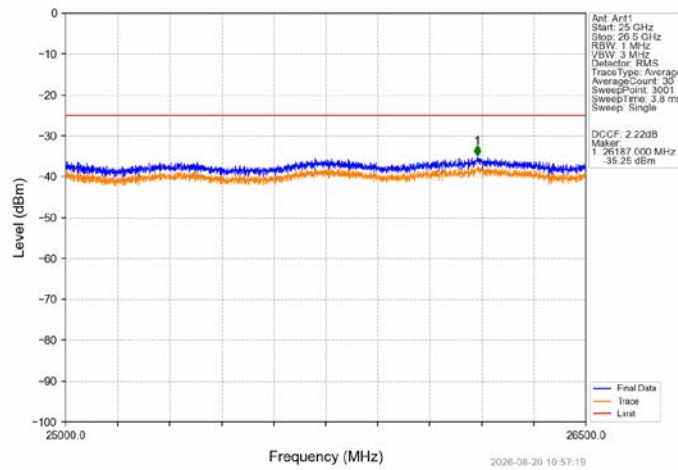
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



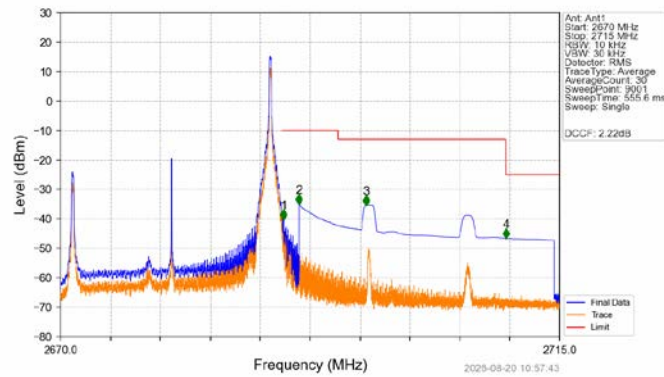
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

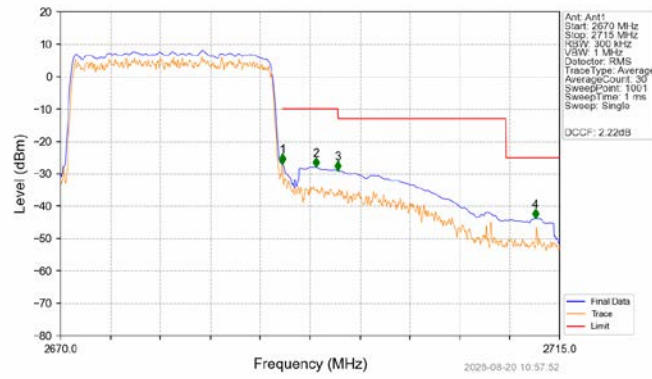


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



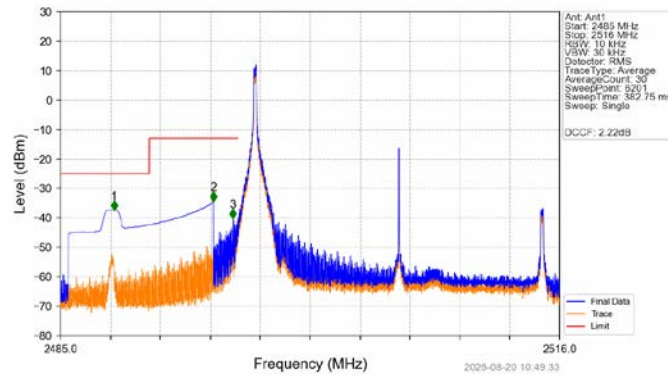
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.110	-40.18	-10	Pass
2691	2695	1	CHP	2	2691.500	-35.14	-10	Pass
2695	2710.147	1	CHP	3	2697.555	-35.39	-13	Pass
2710.147	2715	1	CHP	4	2710.165	-46.64	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



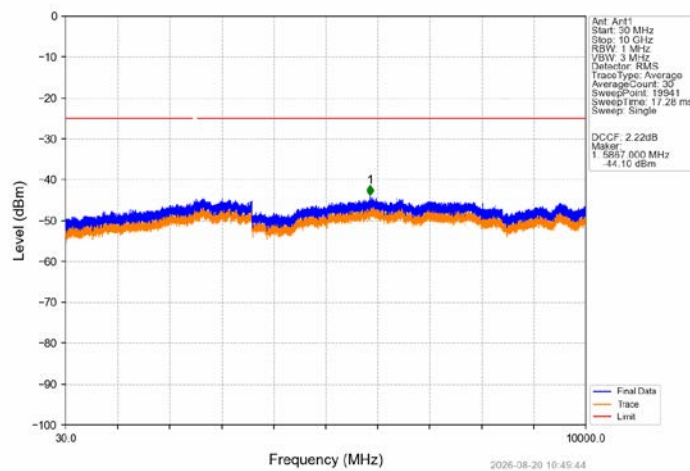
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.403	CHP	/	/	/	/	/
2690	2691	0.403	CHP	1	2690.025	-26.96	-10	Pass
2691	2695	1	CHP	2	2693.040	-27.99	-10	Pass
2695	2710.147	1	CHP	3	2695.020	-29.14	-13	Pass
2710.147	2715	1	CHP	4	2712.795	-43.88	-25	Pass

Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTN

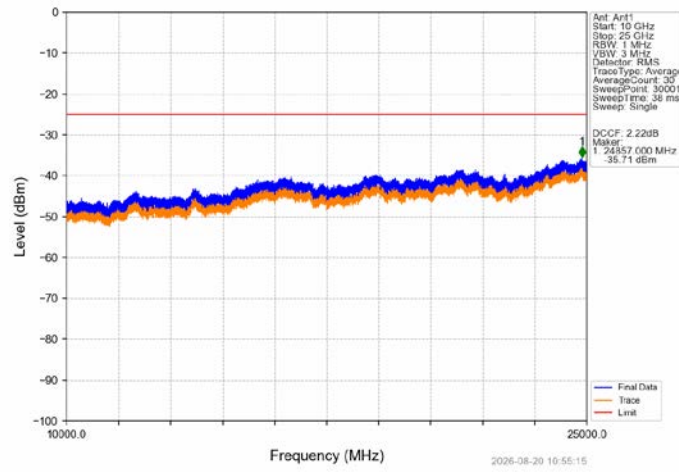


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.330	-37.42	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-34.40	-13	Pass
2495	2496	0.01	/	3	2495.715	-40.21	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

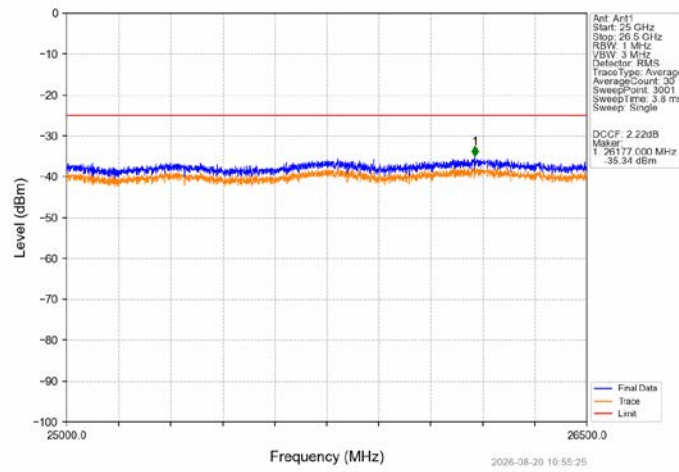
Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTN



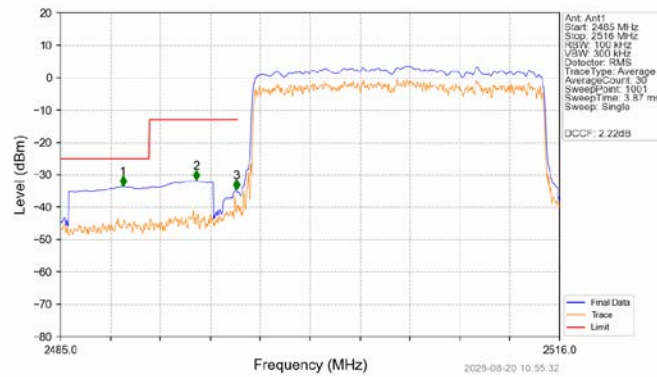
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

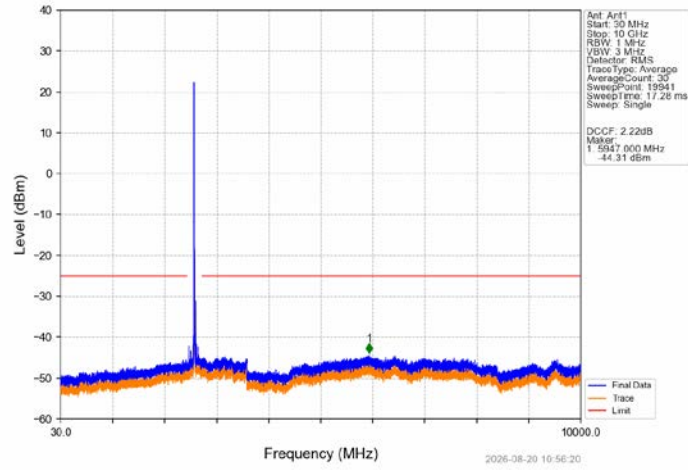


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

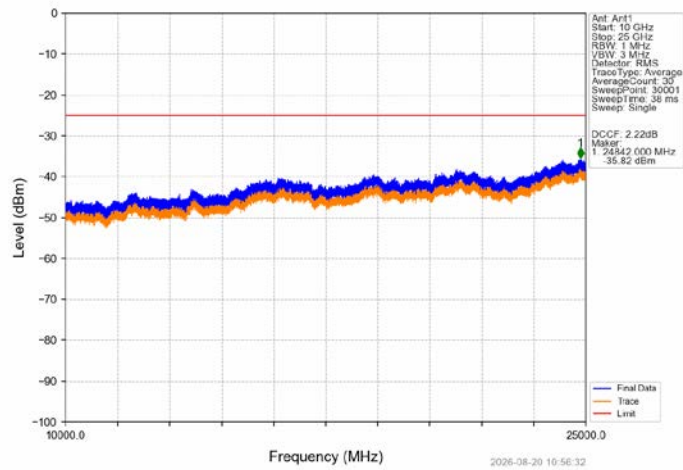


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.875	-33.57	-25	Pass
2490.5	2495	1	CHP	2	2493.432	-31.72	-13	Pass
2495	2496	0.206	CHP	3	2495.912	-34.60	-13	Pass
2496	2516	0.206	CHP	/	/	/	/	/

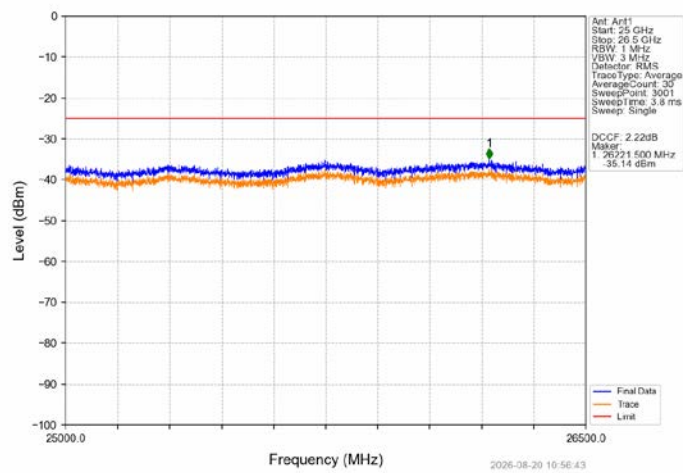
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



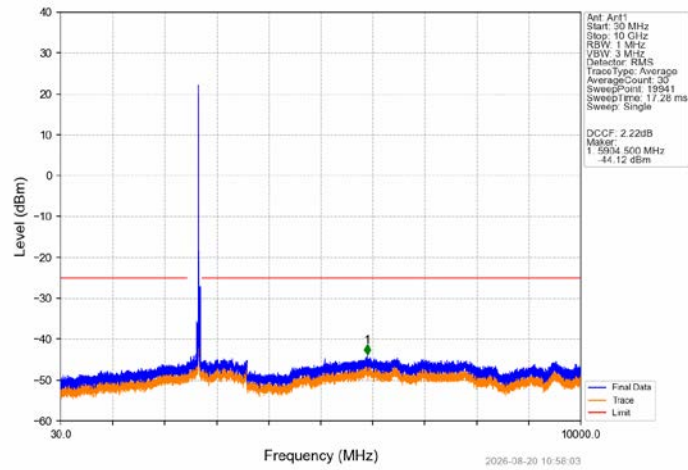
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



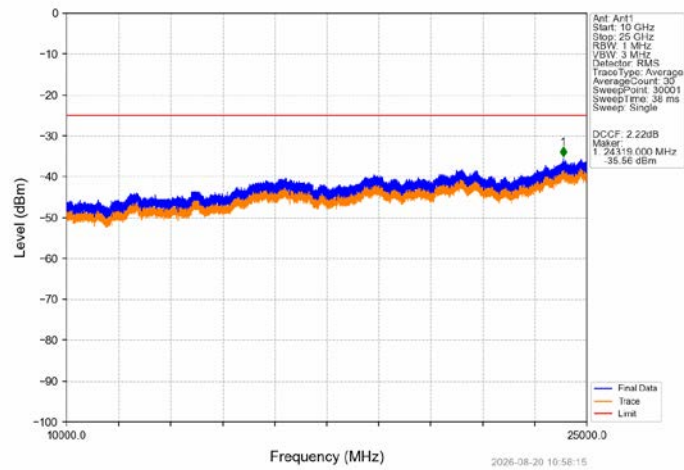
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



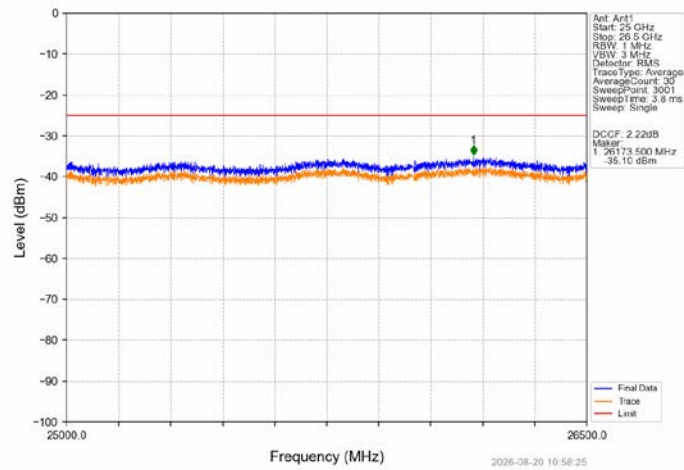
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



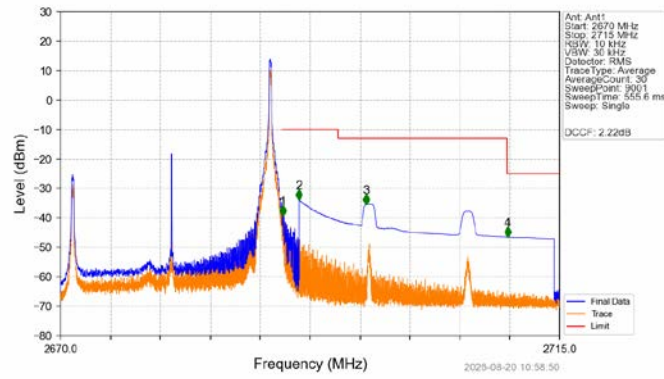
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

