1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	19.49	1.75	21.24	<=33.01	Pass
			13	19.77	1.75	21.52	<=33.01	Pass
			24	19.75	1.75	21.50	<=33.01	Pass
		12	0	18.61	1.75	20.36	<=33.01	Pass
			6	18.59	1.75	20.34	<=33.01	Pass
			13	18.58	1.75	20.33	<=33.01	Pass
		25	0	18.71	1.75	20.46	<=33.01	Pass
	2595	1	0	19.41	1.75	21.16	<=33.01	Pass
			13	19.73	1.75	21.48	<=33.01	Pass
			24	19.70	1.75	21.45	<=33.01	Pass
		12	0	18.24	1.75	19.99	<=33.01	Pass
			6	18.50	1.75	20.25	<=33.01	Pass
			13	18.51	1.75	20.26	<=33.01	Pass
		25	0	18.51	1.75	20.26	<=33.01	Pass
	2617.5	1	0	19.27	1.75	21.02	<=33.01	Pass
			13	19.17	1.75	20.92	<=33.01	Pass
			24	18.93	1.75	20.68	<=33.01	Pass
		12	0	17.94	1.75	19.69	<=33.01	Pass
			6	18.21	1.75	19.96	<=33.01	Pass
			13	17.93	1.75	19.68	<=33.01	Pass
		25	0	18.14	1.75	19.89	<=33.01	Pass
16QAM	2572.5	1	0	18.41	1.75	20.16	<=33.01	Pass
			13	18.66	1.75	20.41	<=33.01	Pass
			24	18.59	1.75	20.34	<=33.01	Pass
		12	0	17.47	1.75	19.22	<=33.01	Pass
			6	17.41	1.75	19.16	<=33.01	Pass
			13	17.71	1.75	19.46	<=33.01	Pass
		25	0	17.45	1.75	19.20	<=33.01	Pass
	2595	1	0	18.33	1.75	20.08	<=33.01	Pass
			13	18.31	1.75	20.06	<=33.01	Pass
			24	18.25	1.75	20.00	<=33.01	Pass
		12	0	17.21	1.75	18.96	<=33.01	Pass
			6	17.37	1.75	19.12	<=33.01	Pass
			13	17.32	1.75	19.07	<=33.01	Pass
		25	0	17.32	1.75	19.07	<=33.01	Pass
	2617.5	1	0	17.93	1.75	19.68	<=33.01	Pass
			13	17.99	1.75	19.74	<=33.01	Pass
			24	17.87	1.75	19.62	<=33.01	Pass
		12	0	16.99	1.75	18.74	<=33.01	Pass
			6	17.01	1.75	18.76	<=33.01	Pass
			13	16.95	1.75	18.70	<=33.01	Pass
		25	0	17.05	1.75	18.80	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV

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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	19.27	1.75	21.02	<=33.01	Pass
			25	19.36	1.75	21.11	<=33.01	Pass
			49	19.56	1.75	21.31	<=33.01	Pass
		25	0	18.49	1.75	20.24	<=33.01	Pass
			13	18.47	1.75	20.22	<=33.01	Pass
			25	18.42	1.75	20.17	<=33.01	Pass
		50	0	18.70	1.75	20.45	<=33.01	Pass
	2595	1	0	19.52	1.75	21.27	<=33.01	Pass
			25	19.31	1.75	21.06	<=33.01	Pass
			49	19.47	1.75	21.22	<=33.01	Pass
		25	0	18.25	1.75	20.00	<=33.01	Pass
			13	18.25	1.75	20.00	<=33.01	Pass
			25	18.22	1.75	19.97	<=33.01	Pass
		50	0	18.23	1.75	19.98	<=33.01	Pass
	2615	1	0	18.92	1.75	20.67	<=33.01	Pass
			25	19.18	1.75	20.93	<=33.01	Pass
			49	19.04	1.75	20.79	<=33.01	Pass
		25	0	18.26	1.75	20.01	<=33.01	Pass
			13	18.26	1.75	20.01	<=33.01	Pass
			25	17.93	1.75	19.68	<=33.01	Pass
		50	0	18.00	1.75	19.75	<=33.01	Pass
16QAM	2575	1	0	18.57	1.75	20.32	<=33.01	Pass
			25	18.65	1.75	20.40	<=33.01	Pass
			49	18.69	1.75	20.44	<=33.01	Pass
		25	0	17.71	1.75	19.46	<=33.01	Pass
			13	17.74	1.75	19.49	<=33.01	Pass
			25	17.91	1.75	19.66	<=33.01	Pass
		50	0	17.48	1.75	19.23	<=33.01	Pass
	2595	1	0	19.06	1.75	20.81	<=33.01	Pass
			25	18.94	1.75	20.69	<=33.01	Pass
			49	18.83	1.75	20.58	<=33.01	Pass
		25	0	17.26	1.75	19.01	<=33.01	Pass
			13	17.74	1.75	19.49	<=33.01	Pass
			25	17.59	1.75	19.34	<=33.01	Pass
		50	0	17.30	1.75	19.05	<=33.01	Pass
	2615	1	0	18.17	1.75	19.92	<=33.01	Pass
			25	18.06	1.75	19.81	<=33.01	Pass
			49	17.95	1.75	19.70	<=33.01	Pass
		25	0	16.99	1.75	18.74	<=33.01	Pass
			13	17.13	1.75	18.88	<=33.01	Pass
			25	17.16	1.75	18.91	<=33.01	Pass
		50	0	17.22	1.75	18.97	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	19.55	1.75	21.30	<=33.01	Pass
			38	19.36	1.75	21.11	<=33.01	Pass
			74	19.44	1.75	21.19	<=33.01	Pass
		36	0	18.45	1.75	20.20	<=33.01	Pass
			18	18.45	1.75	20.20	<=33.01	Pass
			39	18.38	1.75	20.13	<=33.01	Pass

		75	0	18.47	1.75	20.22	<=33.01	Pass
	2595	1	0	19.25	1.75	21.00	<=33.01	Pass
			38	19.27	1.75	21.02	<=33.01	Pass
			74	19.16	1.75	20.91	<=33.01	Pass
		36	0	18.52	1.75	20.27	<=33.01	Pass
			18	18.51	1.75	20.26	<=33.01	Pass
			39	18.26	1.75	20.01	<=33.01	Pass
		75	0	18.53	1.75	20.28	<=33.01	Pass
	2612.5	1	0	19.33	1.75	21.08	<=33.01	Pass
			38	19.08	1.75	20.83	<=33.01	Pass
			74	19.22	1.75	20.97	<=33.01	Pass
		36	0	18.32	1.75	20.07	<=33.01	Pass
			18	18.04	1.75	19.79	<=33.01	Pass
			39	18.19	1.75	19.94	<=33.01	Pass
		75	0	18.26	1.75	20.01	<=33.01	Pass
16QAM	2577.5	1	0	17.90	1.75	19.65	<=33.01	Pass
			38	18.24	1.75	19.99	<=33.01	Pass
			74	18.18	1.75	19.93	<=33.01	Pass
		36	0	17.48	1.75	19.23	<=33.01	Pass
			18	17.75	1.75	19.50	<=33.01	Pass
			39	17.42	1.75	19.17	<=33.01	Pass
		75	0	17.67	1.75	19.42	<=33.01	Pass
	2595	1	0	18.91	1.75	20.66	<=33.01	Pass
			38	18.92	1.75	20.67	<=33.01	Pass
			74	18.81	1.75	20.56	<=33.01	Pass
		36	0	17.55	1.75	19.30	<=33.01	Pass
			18	17.53	1.75	19.28	<=33.01	Pass
			39	17.22	1.75	18.97	<=33.01	Pass
		75	0	17.26	1.75	19.01	<=33.01	Pass
	2612.5	1	0	18.23	1.75	19.98	<=33.01	Pass
			38	17.72	1.75	19.47	<=33.01	Pass
			74	17.67	1.75	19.42	<=33.01	Pass
		36	0	17.30	1.75	19.05	<=33.01	Pass
			18	17.28	1.75	19.03	<=33.01	Pass
			39	17.06	1.75	18.81	<=33.01	Pass
		75	0	17.24	1.75	18.99	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	19.58	1.75	21.33	<=33.01	Pass
			50	19.73	1.75	21.48	<=33.01	Pass
			99	19.56	1.75	21.31	<=33.01	Pass
		50	0	18.42	1.75	20.17	<=33.01	Pass
			25	18.64	1.75	20.39	<=33.01	Pass
			50	18.55	1.75	20.30	<=33.01	Pass
		100	0	18.64	1.75	20.39	<=33.01	Pass
	2595	1	0	19.19	1.75	20.94	<=33.01	Pass
			50	19.56	1.75	21.31	<=33.01	Pass
			99	19.14	1.75	20.89	<=33.01	Pass
		50	0	18.52	1.75	20.27	<=33.01	Pass
			25	18.53	1.75	20.28	<=33.01	Pass
			50	18.48	1.75	20.23	<=33.01	Pass
		100	0	18.50	1.75	20.25	<=33.01	Pass

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	2610	1	0	19.30	1.75	21.05	<=33.01	Pass
			50	19.07	1.75	20.82	<=33.01	Pass
			99	19.00	1.75	20.75	<=33.01	Pass
		50	0	18.07	1.75	19.82	<=33.01	Pass
			25	18.31	1.75	20.06	<=33.01	Pass
			50	18.05	1.75	19.80	<=33.01	Pass
		100	0	18.28	1.75	20.03	<=33.01	Pass
16QAM	2580	1	0	19.25	1.75	21.00	<=33.01	Pass
			50	19.30	1.75	21.05	<=33.01	Pass
			99	19.13	1.75	20.88	<=33.01	Pass
		50	0	17.41	1.75	19.16	<=33.01	Pass
			25	17.59	1.75	19.34	<=33.01	Pass
			50	17.51	1.75	19.26	<=33.01	Pass
		100	0	17.66	1.75	19.41	<=33.01	Pass
	2595	1	0	18.28	1.75	20.03	<=33.01	Pass
			50	17.79	1.75	19.54	<=33.01	Pass
			99	17.66	1.75	19.41	<=33.01	Pass
		50	0	17.59	1.75	19.34	<=33.01	Pass
			25	17.57	1.75	19.32	<=33.01	Pass
			50	17.53	1.75	19.28	<=33.01	Pass
		100	0	17.28	1.75	19.03	<=33.01	Pass
	2610	1	0	18.16	1.75	19.91	<=33.01	Pass
			50	18.32	1.75	20.07	<=33.01	Pass
			99	17.85	1.75	19.60	<=33.01	Pass
		50	0	17.31	1.75	19.06	<=33.01	Pass
			25	17.33	1.75	19.08	<=33.01	Pass
			50	17.04	1.75	18.79	<=33.01	Pass
		100	0	17.03	1.75	18.78	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.27	-4.306	-0.0017	-2.5 to 2.5	Pass
					3.85	2.990	0.0012	-2.5 to 2.5	Pass
					4.43	3.805	0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.633	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	2.675	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0008	-2.5 to 2.5	Pass
				30	3.85	2.604	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.003	0.0008	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	1.802	0.0007	-2.5 to 2.5	Pass
					3.85	5.636	0.0022	-2.5 to 2.5	Pass
					4.43	3.519	0.0014	-2.5 to 2.5	Pass
				-30	3.85	3.905	0.0015	-2.5 to 2.5	Pass
				-20	3.85	4.706	0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.916	0.0004	-2.5 to 2.5	Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

				0	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.114	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				50	3.85	4.678	0.0018	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	0.916	0.0003	-2.5 to 2.5	Pass
					3.85	5.107	0.0020	-2.5 to 2.5	Pass
					4.43	1.316	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				0	3.85	4.449	0.0017	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.403	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.890	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.103	0.0008	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.27	1.531	0.0006	-2.5 to 2.5	Pass
					3.85	1.130	0.0004	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0007	-2.5 to 2.5	Pass
				0	3.85	2.017	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	4.392	0.0017	-2.5 to 2.5	Pass
					3.85	4.678	0.0018	-2.5 to 2.5	Pass
					4.43	0.787	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				10	3.85	4.678	0.0018	-2.5 to 2.5	Pass
				30	3.85	4.206	0.0016	-2.5 to 2.5	Pass
				40	3.85	5.107	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.734	0.0014	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	-3.877	-0.0015	-2.5 to 2.5	Pass
					3.85	2.103	0.0008	-2.5 to 2.5	Pass
					4.43	4.606	0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0005	-2.5 to 2.5	Pass
				0	3.85	3.333	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.559	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.963	0.0015	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.27	1.545	0.0006	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0002	-2.5 to 2.5	Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

					4.43	5.636	0.0022	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.990	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.147	0.0012	-2.5 to 2.5	Pass
				0	3.85	5.751	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.276	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				40	3.85	3.591	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0001	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	-4.206	-0.0016	-2.5 to 2.5	Pass
					3.85	4.163	0.0016	-2.5 to 2.5	Pass
					4.43	5.622	0.0022	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.316	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0003	-2.5 to 2.5	Pass
				0	3.85	3.519	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.104	0.0012	-2.5 to 2.5	Pass
				30	3.85	5.064	0.0020	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0007	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	2.260	0.0009	-2.5 to 2.5	Pass
					3.85	5.550	0.0021	-2.5 to 2.5	Pass
					4.43	1.130	0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.264	0.0020	-2.5 to 2.5	Pass
				-20	3.85	4.220	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.089	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.631	0.0006	-2.5 to 2.5	Pass
				10	3.85	4.535	0.0017	-2.5 to 2.5	Pass
				30	3.85	4.020	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0006	-2.5 to 2.5	Pass
				50	3.85	6.995	0.0027	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.27	3.204	0.0012	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
					4.43	3.161	0.0012	-2.5 to 2.5	Pass
				-30	3.85	4.449	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.606	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
				0	3.85	2.389	0.0009	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				50	3.85	3.204	0.0012	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	3.934	0.0015	-2.5 to 2.5	Pass
					3.85	1.659	0.0006	-2.5 to 2.5	Pass
					4.43	0.787	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.289	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.148	0.0016	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0009	-2.5 to 2.5	Pass
				30	3.85	4.292	0.0017	-2.5 to 2.5	Pass
				40	3.85	4.506	0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	0.873	0.0003	-2.5 to 2.5	Pass
					3.85	4.635	0.0018	-2.5 to 2.5	Pass
					4.43	4.849	0.0019	-2.5 to 2.5	Pass
				-30	3.85	5.522	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.615	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.443	0.0002	-2.5 to 2.5	Pass

				0	3.85	1.388	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.388	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.316	0.0005	-2.5 to 2.5	Pass
				40	3.85	4.492	0.0017	-2.5 to 2.5	Pass
				50	3.85	4.406	0.0017	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.27	3.362	0.0013	-2.5 to 2.5	Pass
					3.85	3.877	0.0015	-2.5 to 2.5	Pass
					4.43	1.702	0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.719	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0019	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.076	0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				50	3.85	4.835	0.0019	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	3.877	0.0015	-2.5 to 2.5	Pass
					3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
					4.43	2.460	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0010	-2.5 to 2.5	Pass
				40	3.85	4.435	0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.961	-0.0011	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	3.920	0.0015	-2.5 to 2.5	Pass
					3.85	0.944	0.0004	-2.5 to 2.5	Pass
					4.43	2.832	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.819	0.0015	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.520	0.0017	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0016	-2.5 to 2.5	Pass
				10	3.85	3.977	0.0015	-2.5 to 2.5	Pass
				30	3.85	4.964	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				50	3.85	3.762	0.0014	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.27	5.078	0.0020	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0004	-2.5 to 2.5	Pass
					4.43	0.372	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.890	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	3.734	0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0014	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	1.988	0.0008	-2.5 to 2.5	Pass
					3.85	1.259	0.0005	-2.5 to 2.5	Pass

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					4.43	2.818	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.402	0.0005	-2.5 to 2.5	Pass
				30	3.85	3.104	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0004	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	1.717	0.0007	-2.5 to 2.5	Pass
					3.85	0.744	0.0003	-2.5 to 2.5	Pass
					4.43	1.860	0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.090	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.963	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.674	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0004	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	-0.515	-0.0002	-2.5 to 2.5	Pass
					3.85	3.834	0.0015	-2.5 to 2.5	Pass
					4.43	0.472	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.973	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	4.320	0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0015	-2.5 to 2.5	Pass
				50	3.85	4.420	0.0017	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	3.633	0.0014	-2.5 to 2.5	Pass
					3.85	4.706	0.0018	-2.5 to 2.5	Pass
					4.43	2.031	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.576	0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
				10	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				30	3.85	3.576	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.745	0.0007	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	6.166	0.0024	-2.5 to 2.5	Pass
					3.85	2.074	0.0008	-2.5 to 2.5	Pass
					4.43	4.849	0.0019	-2.5 to 2.5	Pass
				-30	3.85	4.220	0.0016	-2.5 to 2.5	Pass
				-20	3.85	5.622	0.0022	-2.5 to 2.5	Pass
				-10	3.85	1.831	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.317	0.0009	-2.5 to 2.5	Pass
				10	3.85	3.347	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0010	-2.5 to 2.5	Pass

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				40	3.85	4.735	0.0018	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0015	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.27	4.292	0.0017	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
					4.43	0.715	0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.219	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	4.120	0.0016	-2.5 to 2.5	Pass
				30	3.85	3.791	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.705	0.0014	-2.5 to 2.5	Pass
				50	3.85	3.691	0.0014	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	3.233	0.0012	-2.5 to 2.5	Pass
					3.85	2.303	0.0009	-2.5 to 2.5	Pass
					4.43	4.749	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0009	-2.5 to 2.5	Pass
				0	3.85	1.416	0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0006	-2.5 to 2.5	Pass
				50	3.85	5.651	0.0022	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	4.578	0.0018	-2.5 to 2.5	Pass
					3.85	5.078	0.0019	-2.5 to 2.5	Pass
					4.43	2.546	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.490	0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.117	0.0008	-2.5 to 2.5	Pass
				10	3.85	4.277	0.0016	-2.5 to 2.5	Pass
				30	3.85	4.077	0.0016	-2.5 to 2.5	Pass
				40	3.85	3.548	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.160	0.0008	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	25	0	Refer To Test Graph		Pass
16QAM	2595	25	0	Refer To Test Graph		Pass

3.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	50	0	Refer To Test Graph		Pass
16QAM	2595	50	0	Refer To Test Graph		Pass

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3.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	75	0	Refer To Test Graph		Pass
16QAM	2595	75	0	Refer To Test Graph		Pass

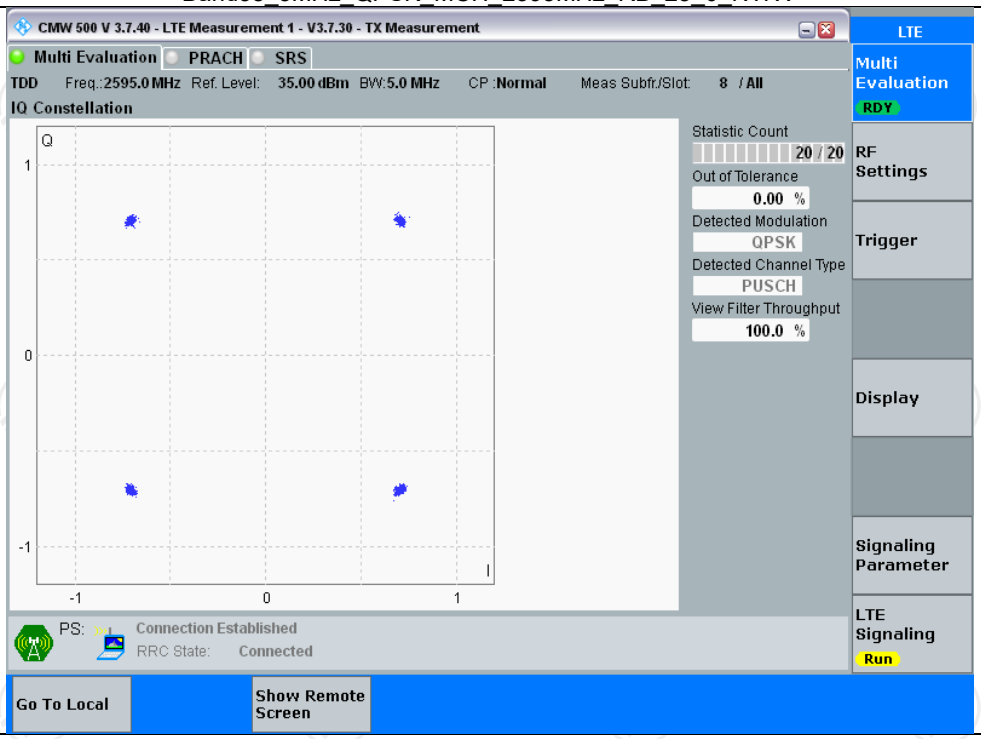
3.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	Refer To Test Graph		Pass
16QAM	2595	100	0	Refer To Test Graph		Pass

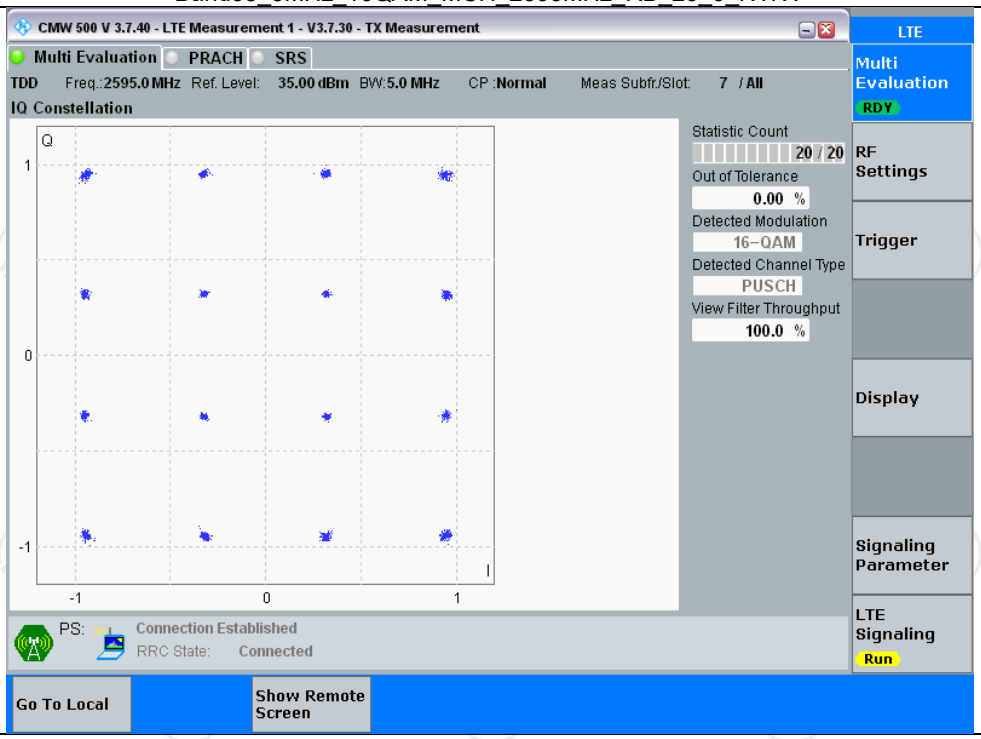
3.2 Test Graph

3.2.1 B38_5MHz

Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



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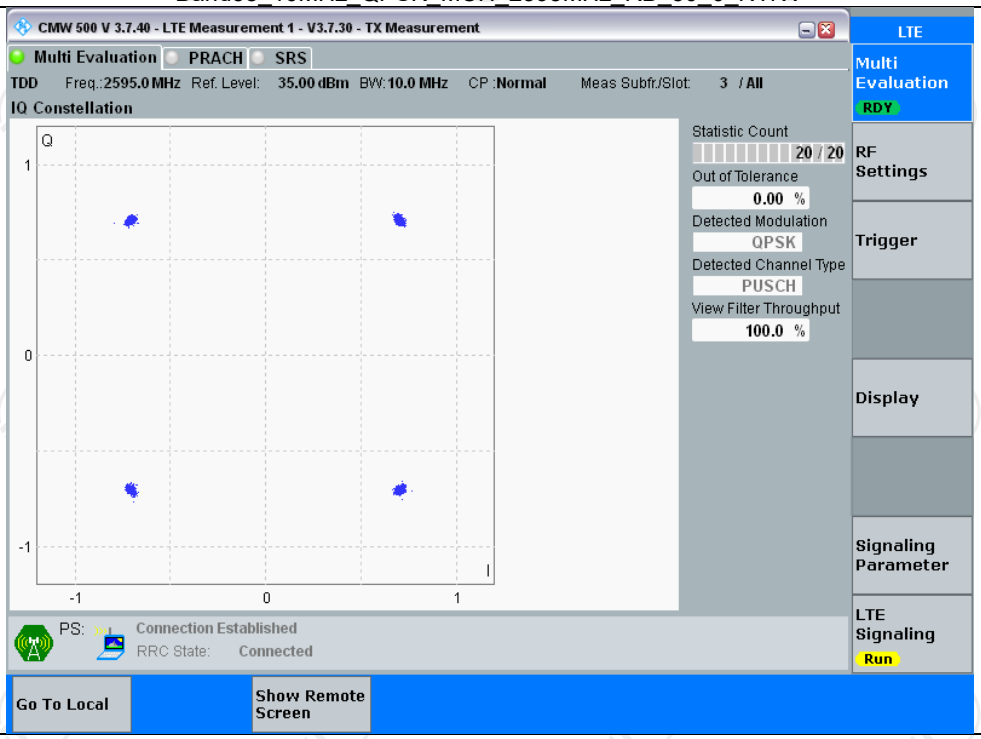
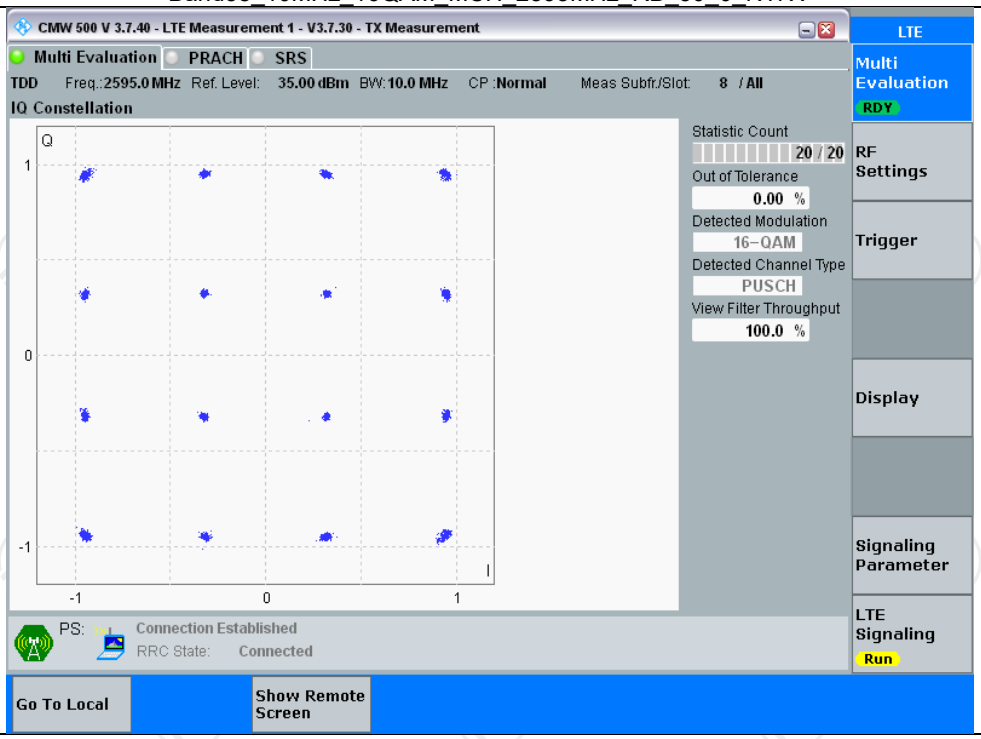
3.2.2 B38_10MHz

Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



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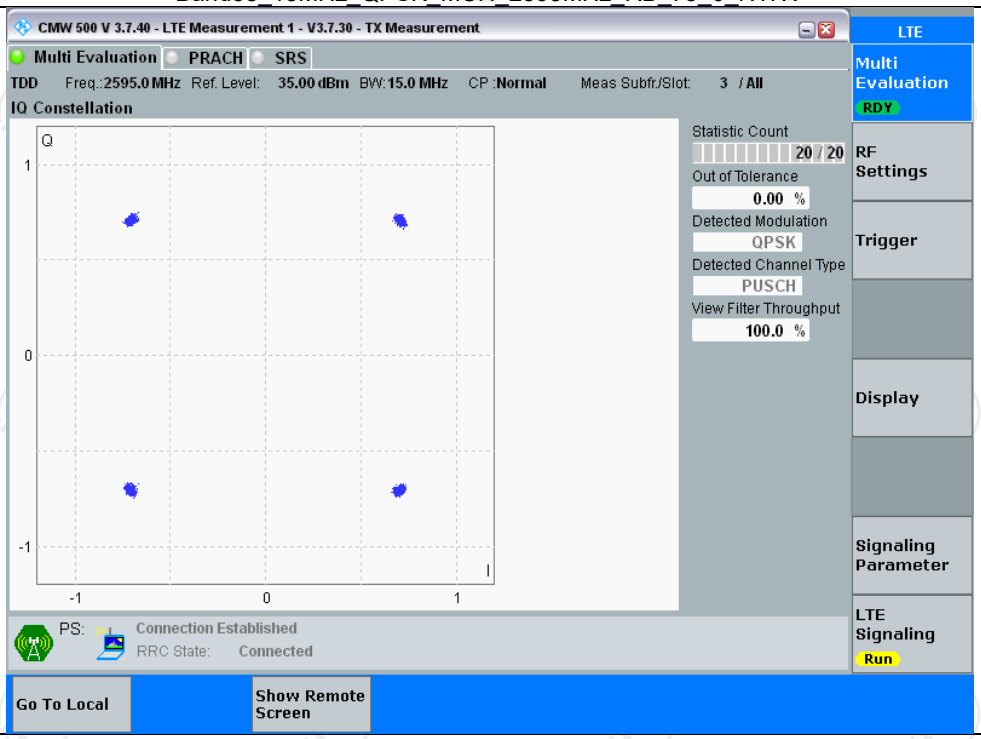
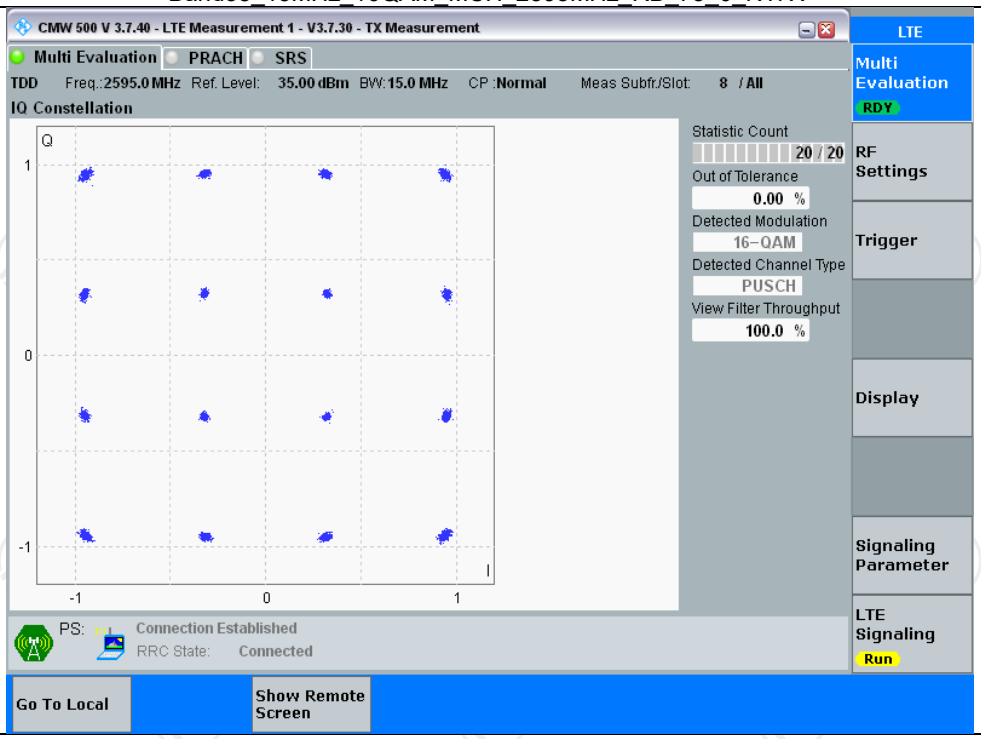
3.2.3 B38_15MHz

Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV

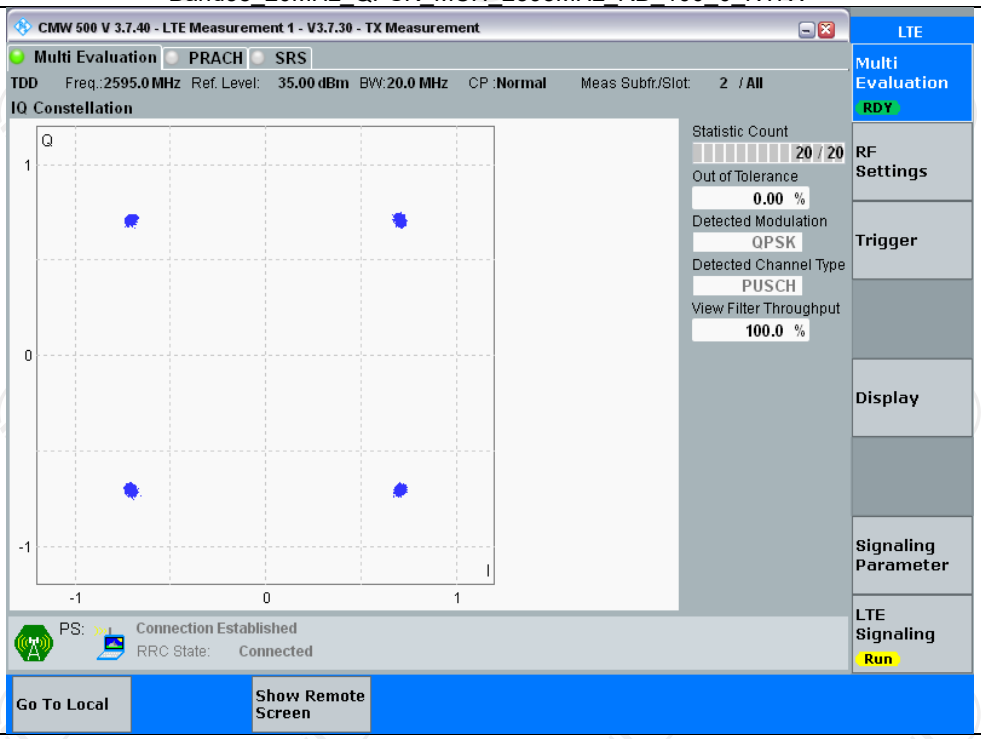


Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV

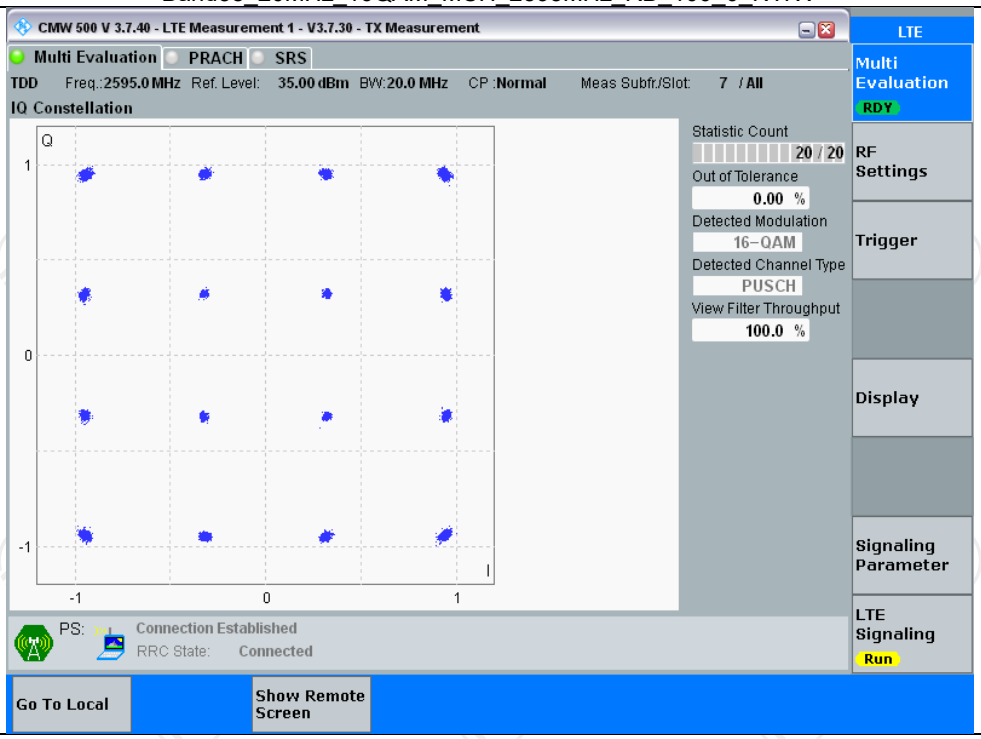


3.2.4 B38_20MHz

Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band38_OBW

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.535	/	Pass
		2595	25	0	4.553	/	Pass
		2617.5	25	0	4.545	/	Pass
	16QAM	2572.5	25	0	4.581	/	Pass
		2595	25	0	4.550	/	Pass
		2617.5	25	0	4.540	/	Pass
10	QPSK	2575	50	0	9.064	/	Pass
		2595	50	0	9.029	/	Pass
		2615	50	0	9.026	/	Pass
	16QAM	2575	50	0	9.050	/	Pass
		2595	50	0	9.026	/	Pass
		2615	50	0	9.059	/	Pass
15	QPSK	2577.5	75	0	13.441	/	Pass
		2595	75	0	13.480	/	Pass
		2612.5	75	0	13.515	/	Pass
	16QAM	2577.5	75	0	13.560	/	Pass
		2595	75	0	13.538	/	Pass
		2612.5	75	0	13.546	/	Pass
20	QPSK	2580	100	0	18.040	/	Pass
		2595	100	0	17.985	/	Pass
		2610	100	0	18.063	/	Pass
	16QAM	2580	100	0	18.035	/	Pass
		2595	100	0	18.027	/	Pass
		2610	100	0	17.984	/	Pass

4.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.913	/	Pass
		2595	25	0	5.000	/	Pass
		2617.5	25	0	5.130	/	Pass
	16QAM	2572.5	25	0	5.063	/	Pass
		2595	25	0	4.988	/	Pass
		2617.5	25	0	5.012	/	Pass
10	QPSK	2575	50	0	10.159	/	Pass
		2595	50	0	9.916	/	Pass
		2615	50	0	9.793	/	Pass
	16QAM	2575	50	0	9.854	/	Pass
		2595	50	0	9.771	/	Pass
		2615	50	0	9.904	/	Pass
15	QPSK	2577.5	75	0	14.439	/	Pass
		2595	75	0	14.688	/	Pass
		2612.5	75	0	14.586	/	Pass

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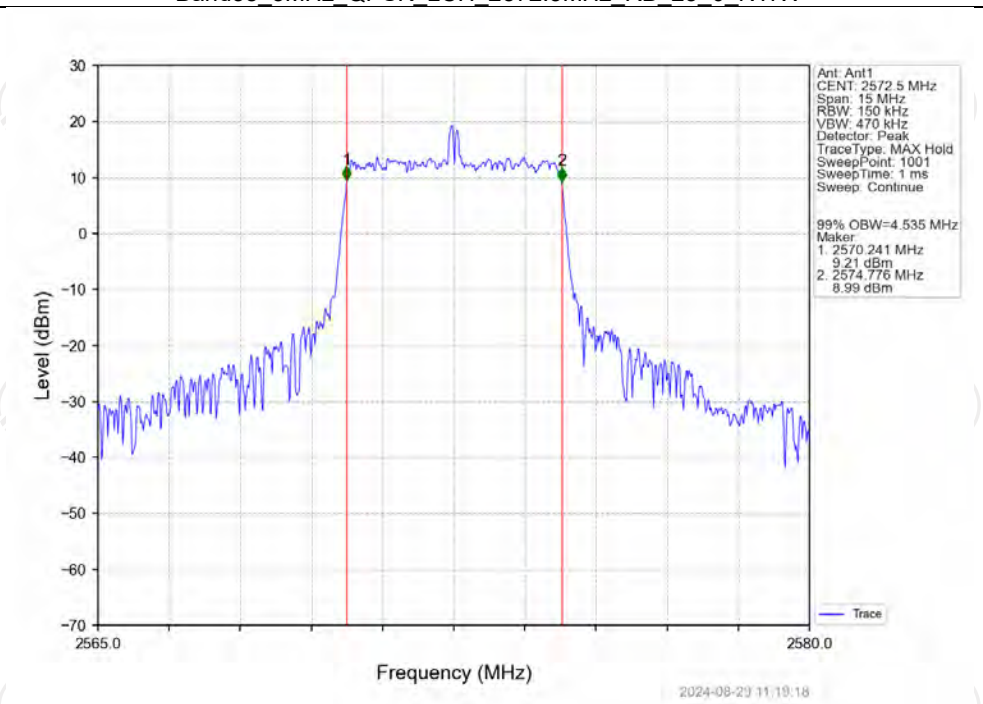
	16QAM	2577.5	75	0	16.297	/	Pass
		2595	75	0	14.919	/	Pass
		2612.5	75	0	15.357	/	Pass
20	QPSK	2580	100	0	19.482	/	Pass
		2595	100	0	21.822	/	Pass
		2610	100	0	19.566	/	Pass
	16QAM	2580	100	0	20.219	/	Pass
		2595	100	0	19.874	/	Pass
		2610	100	0	20.009	/	Pass

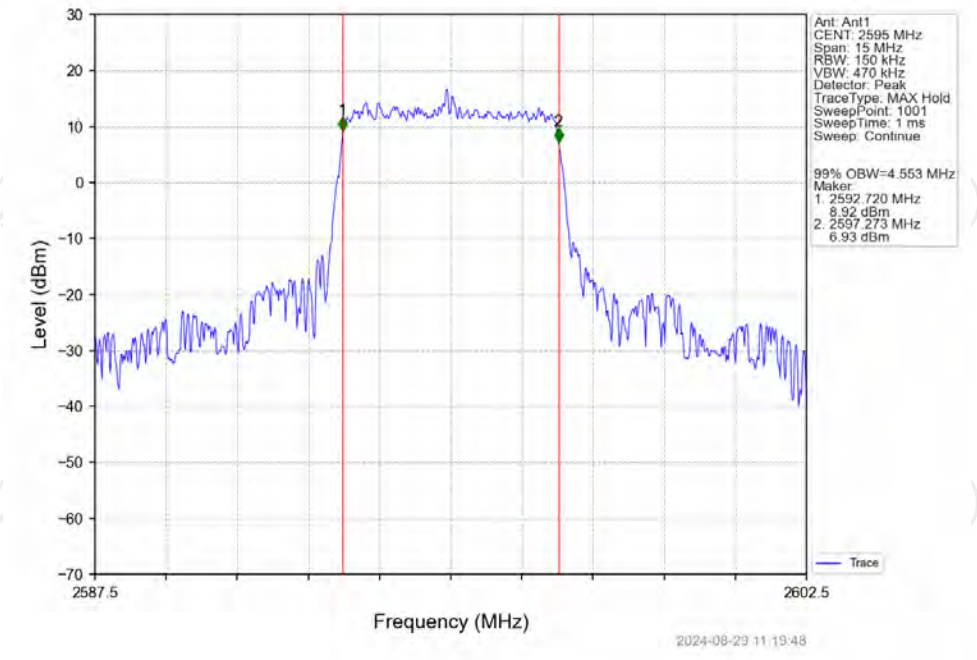
4.2 Test Graph

4.2.1 Band38_OBW

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



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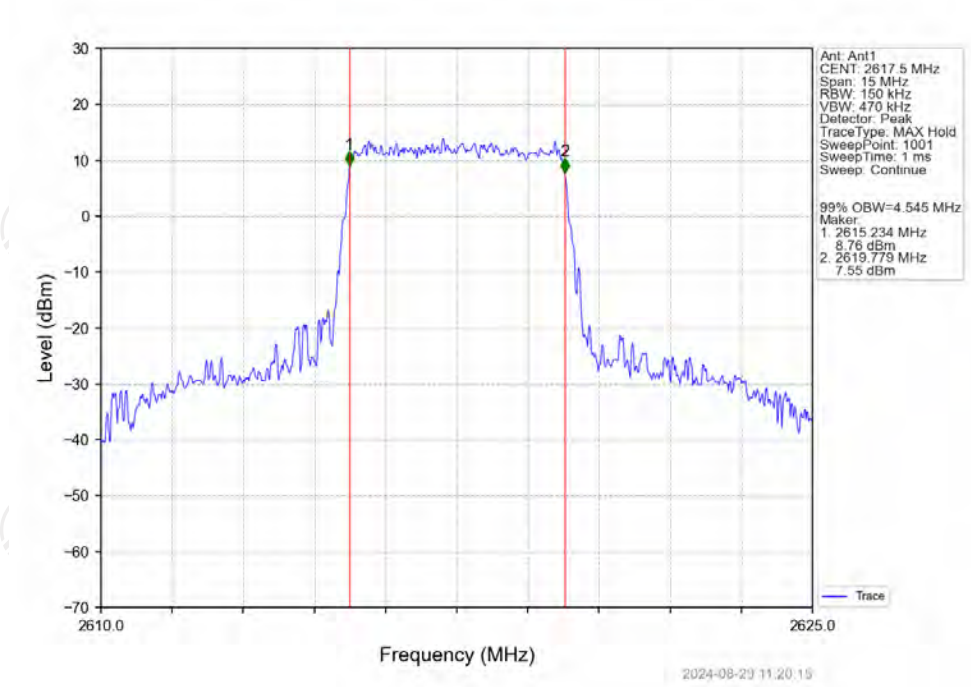
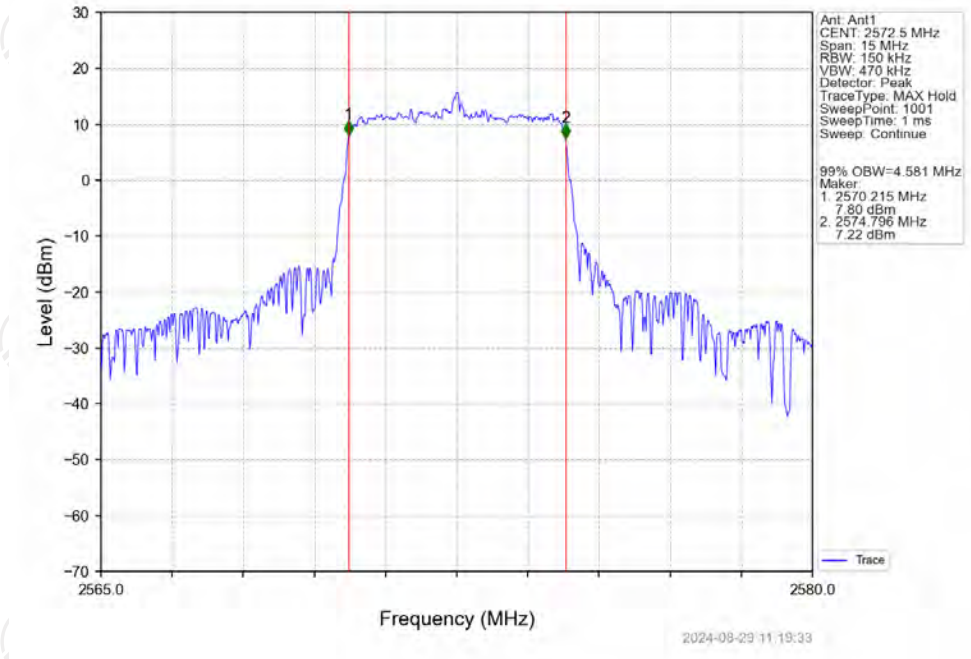
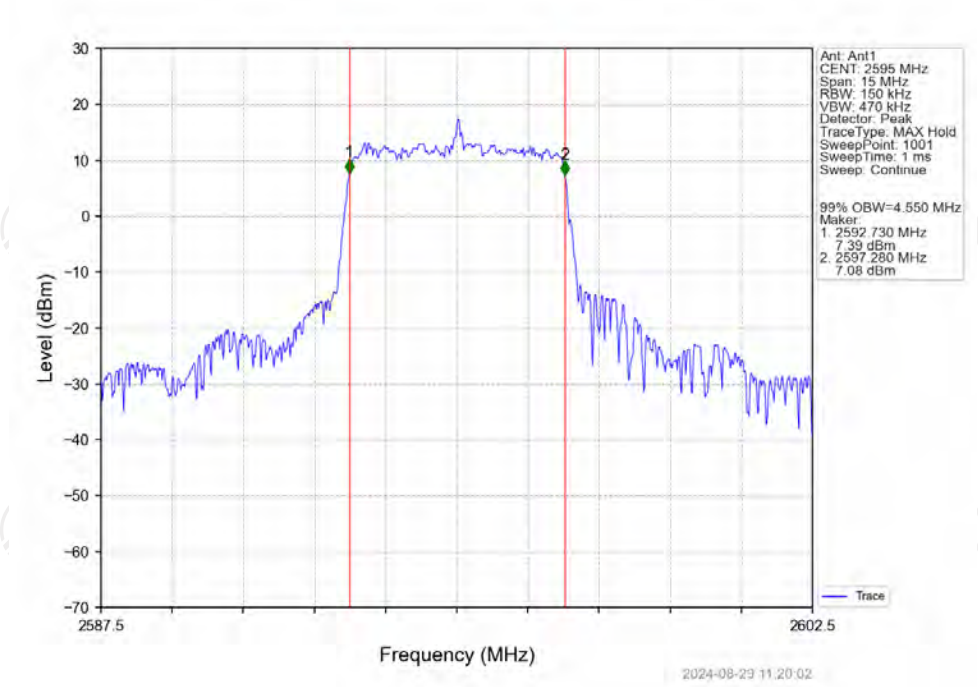
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



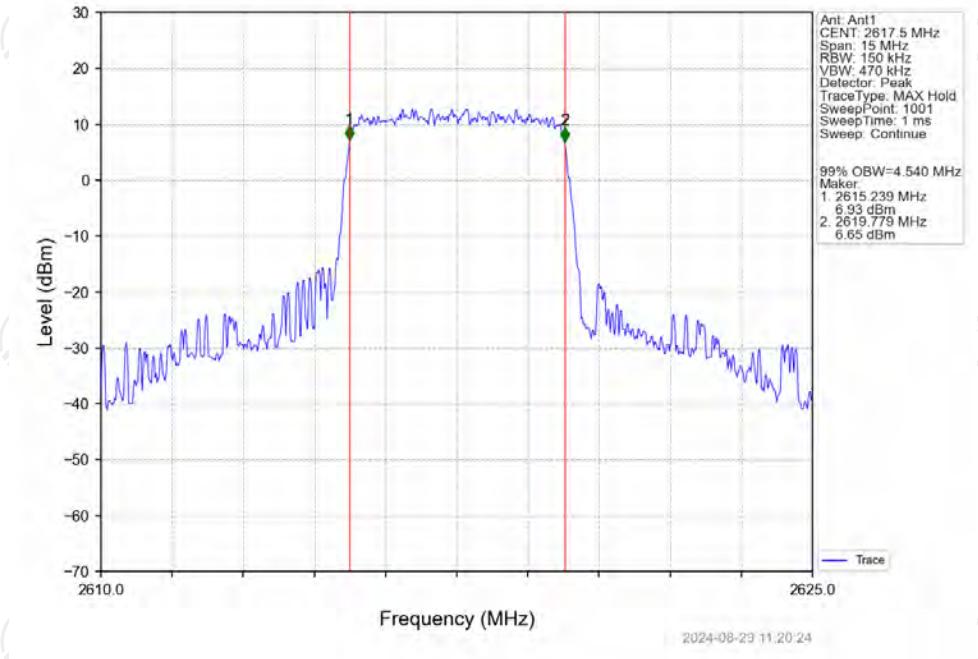
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



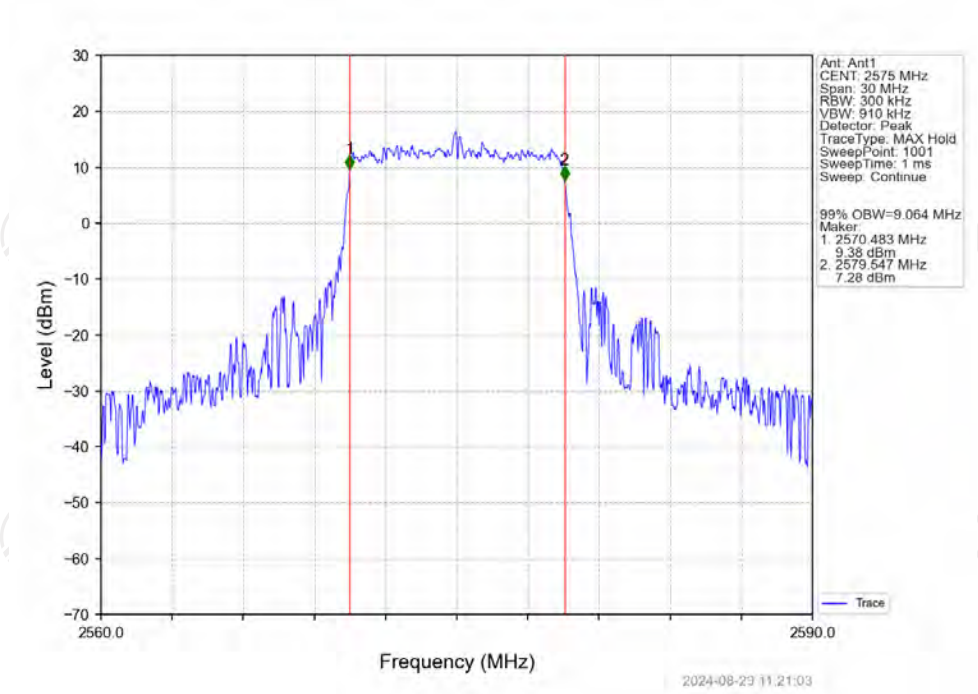
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



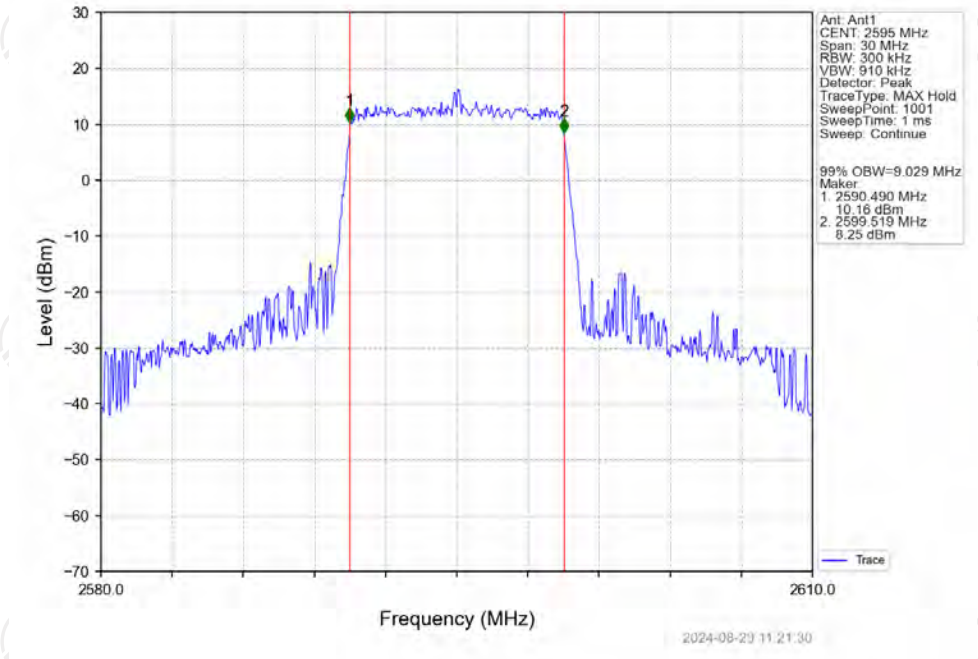
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



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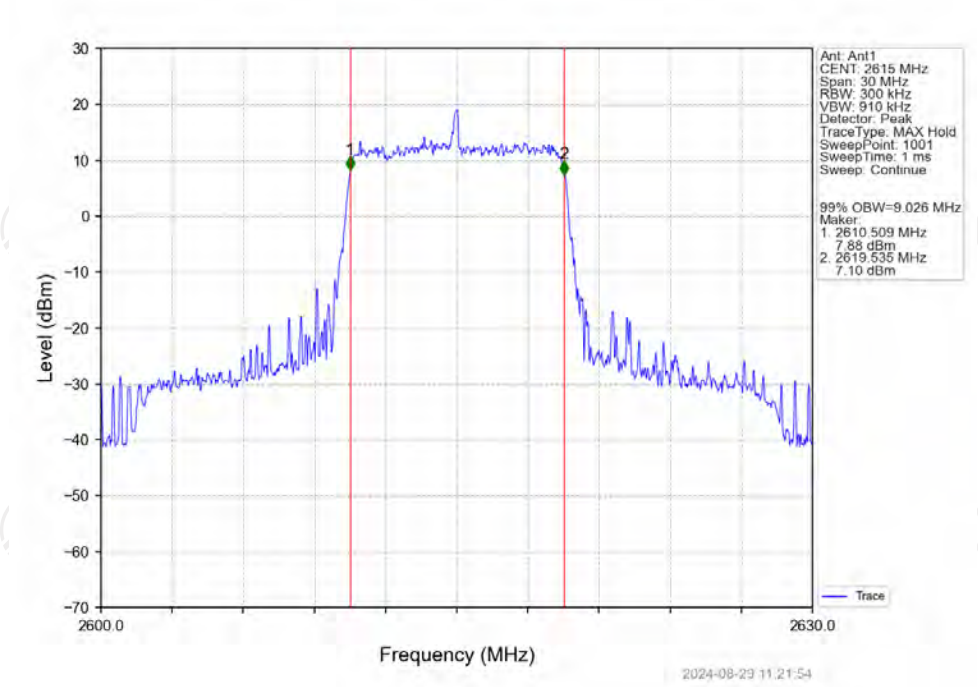
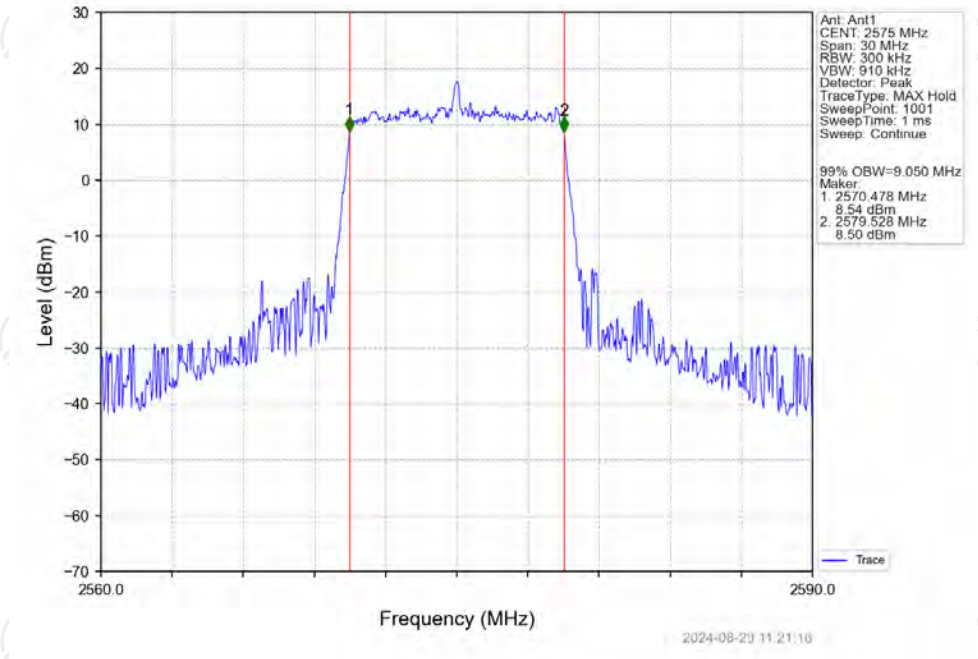
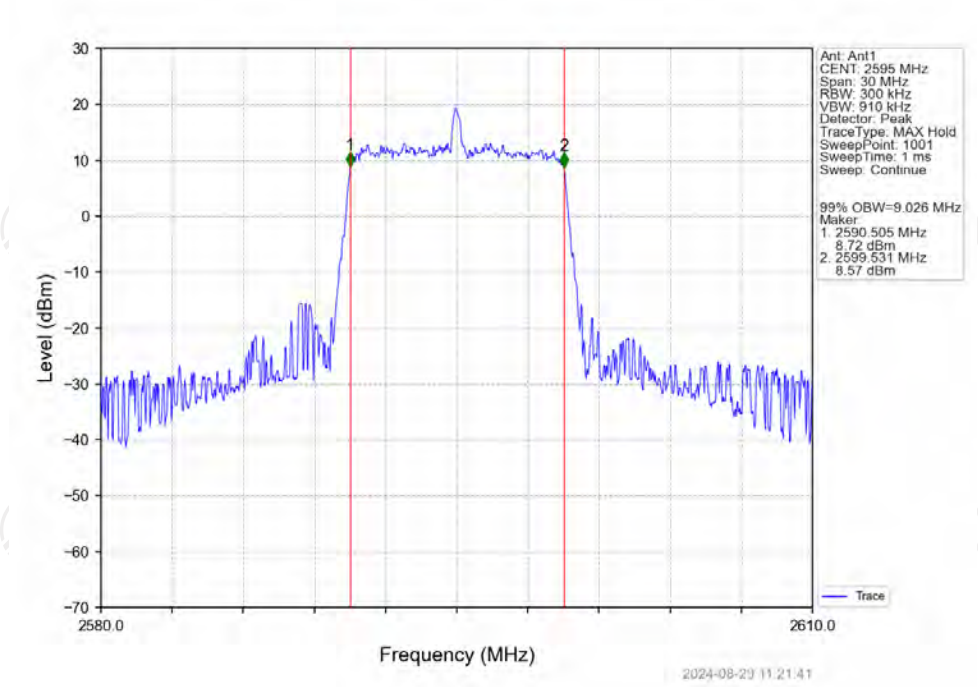
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



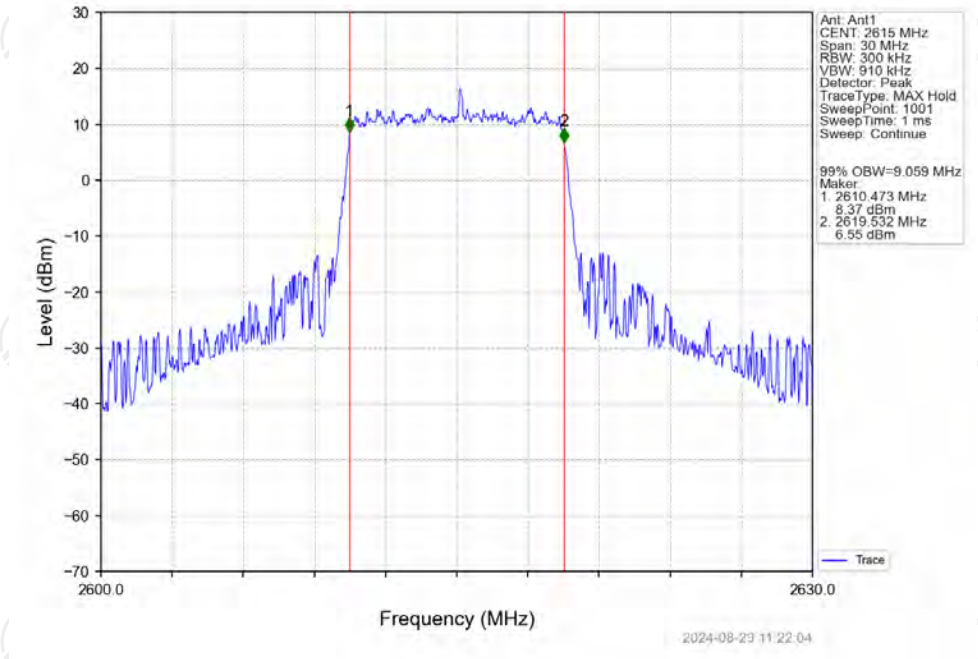
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



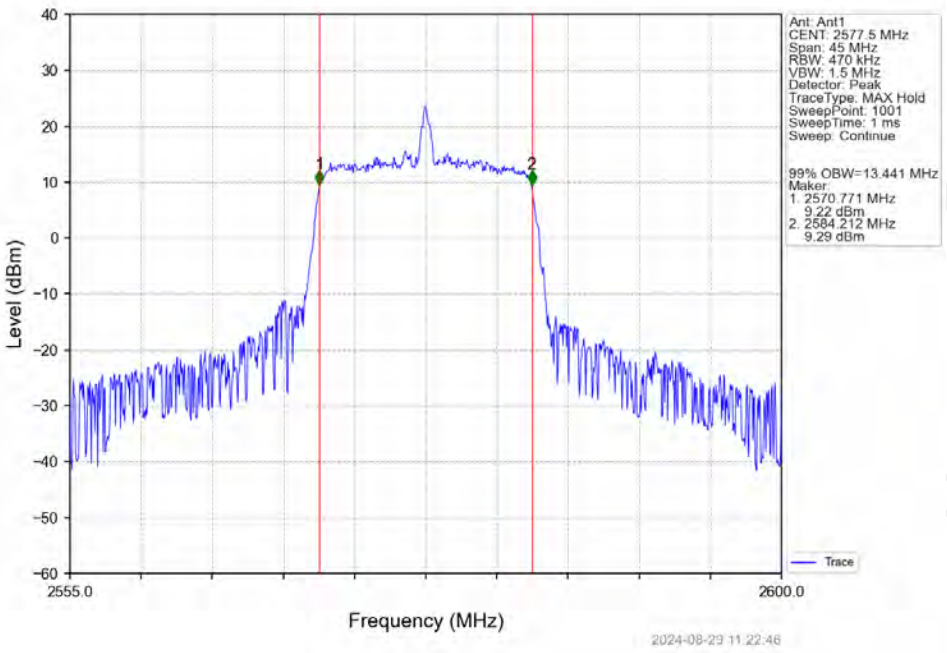
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



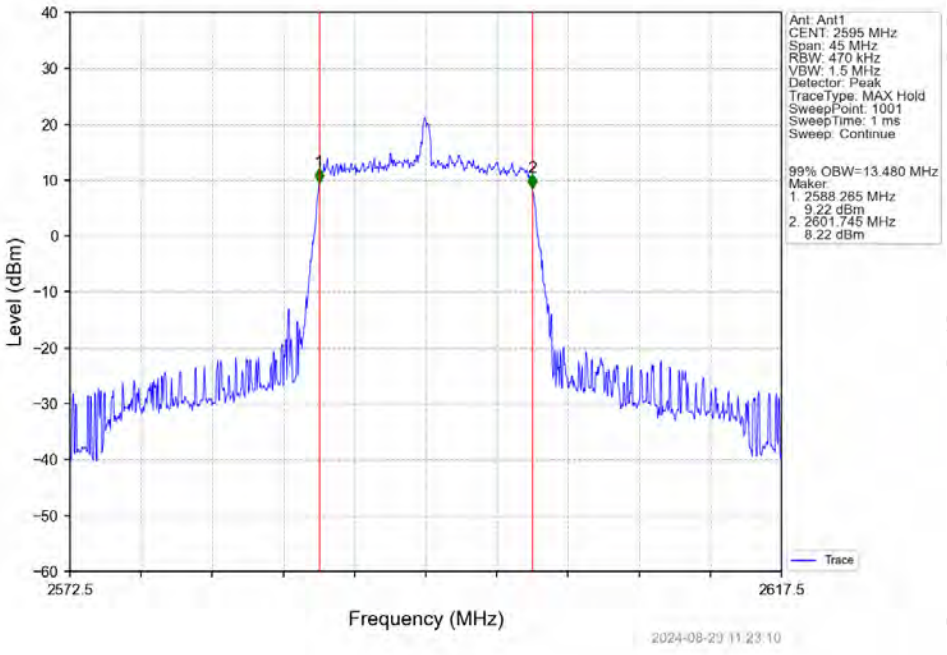
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



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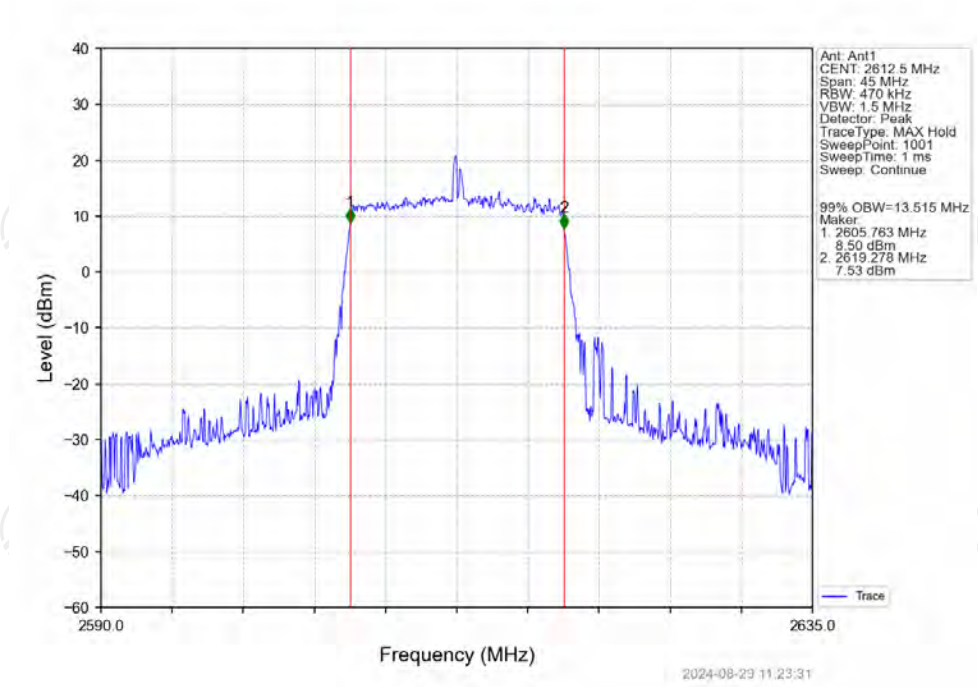
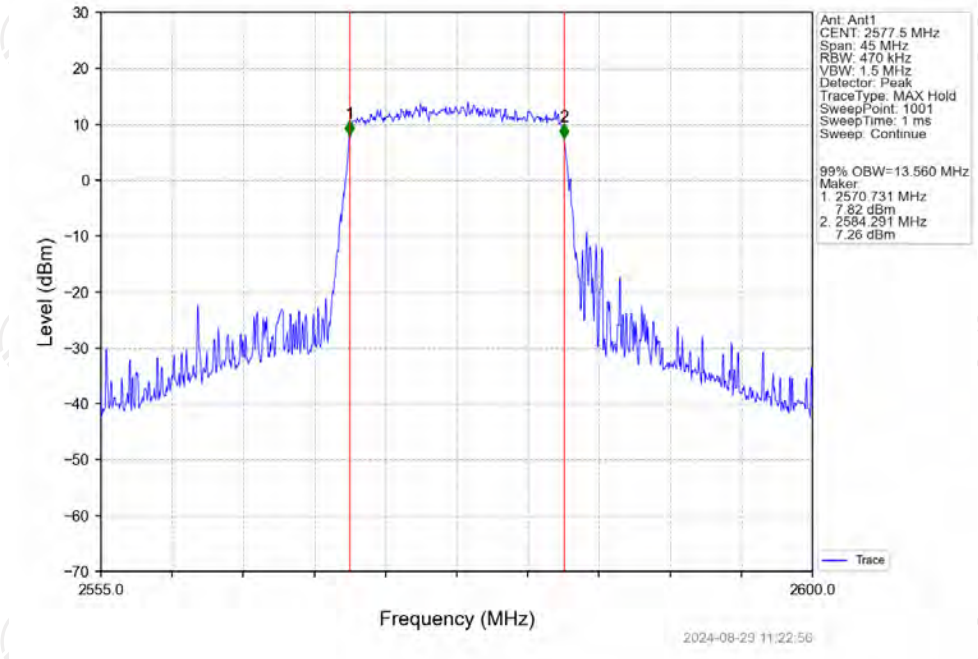
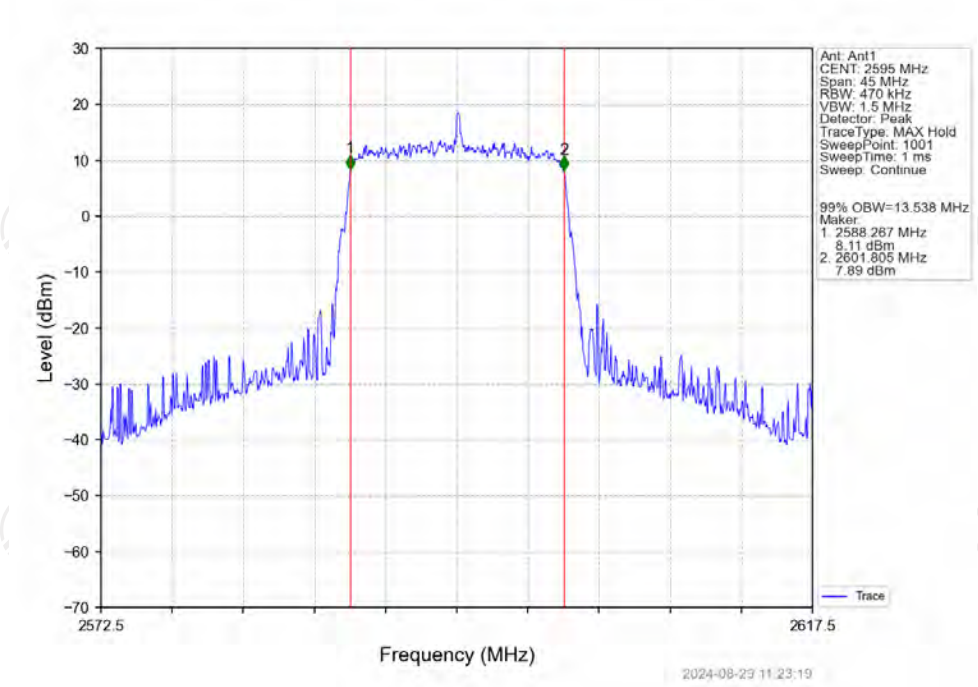
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



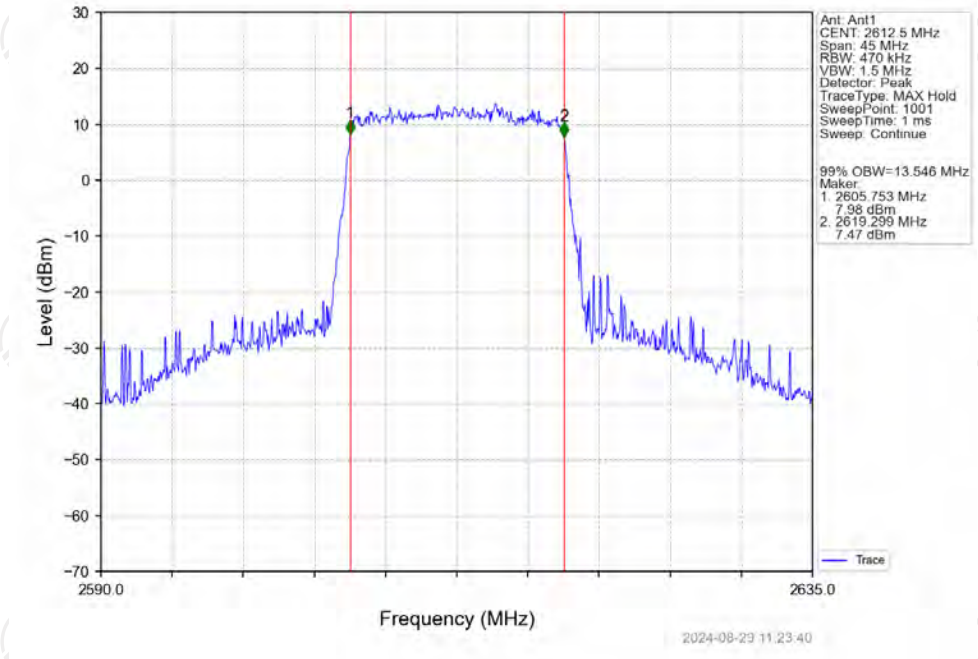
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



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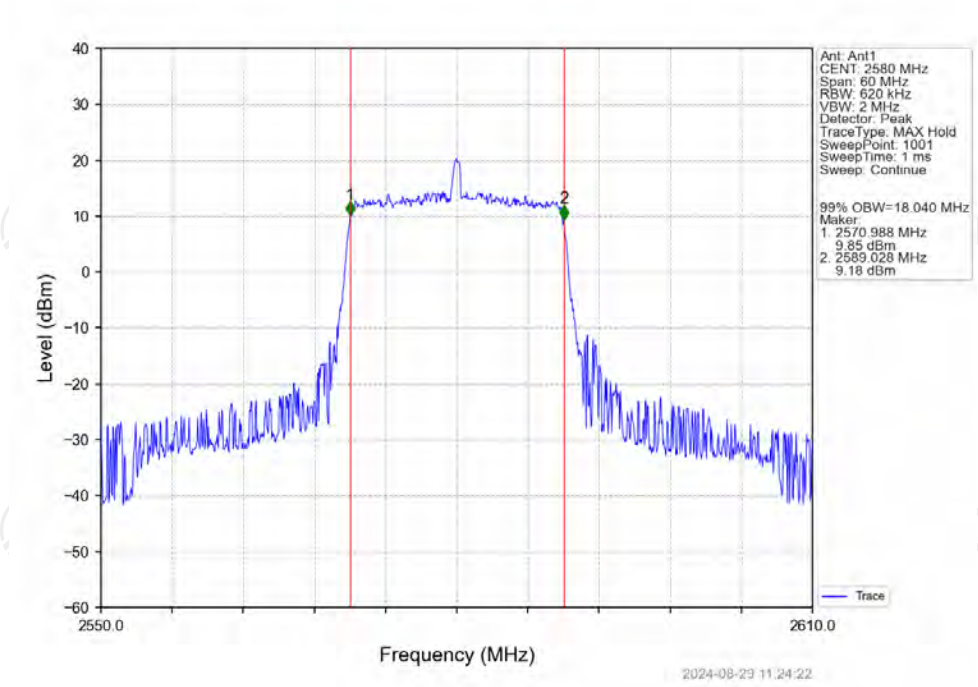
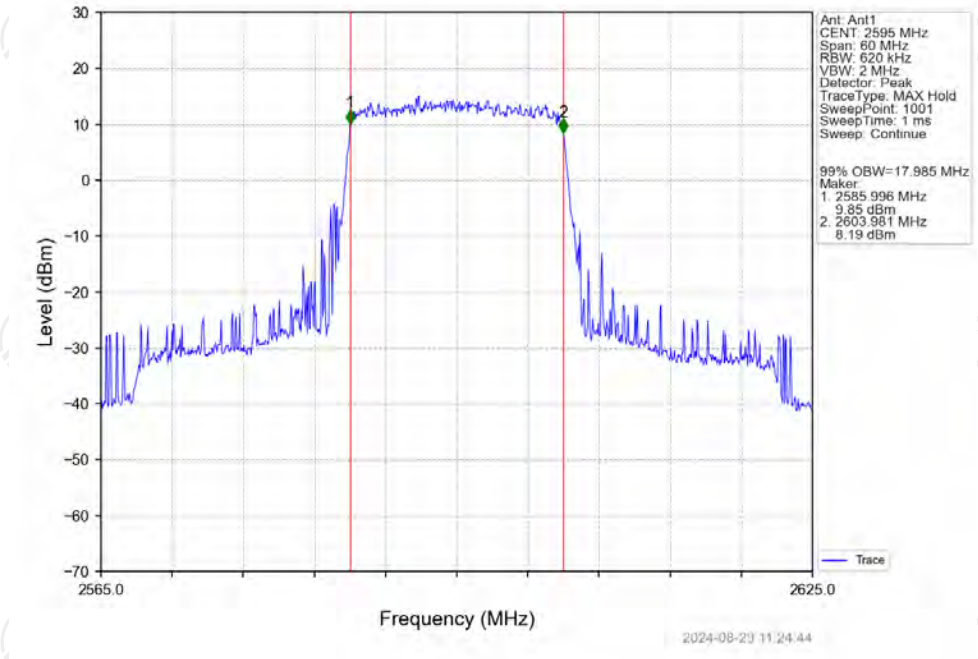
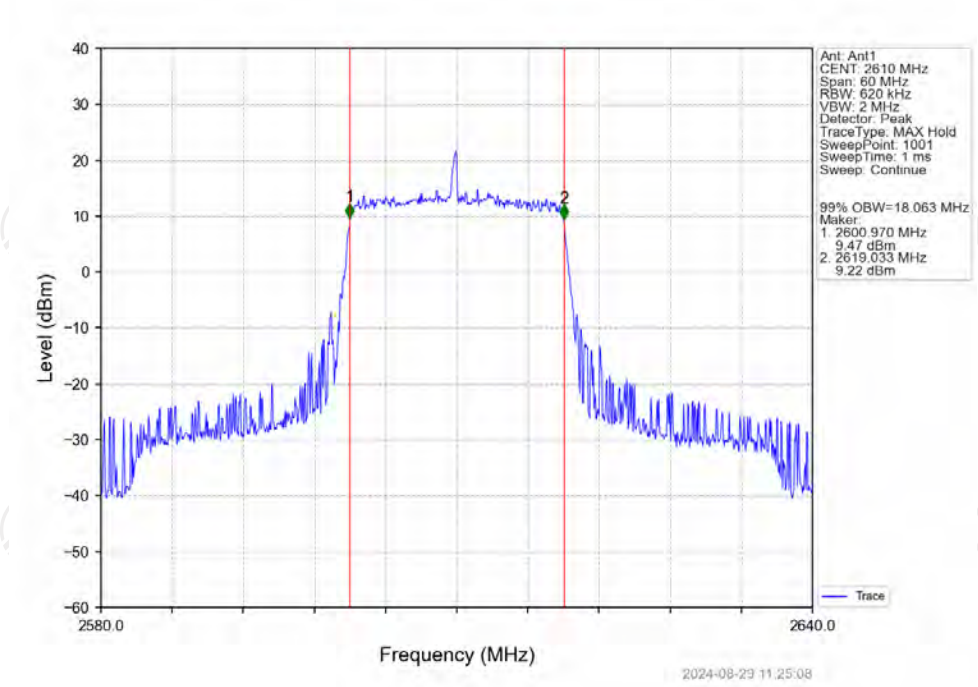
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



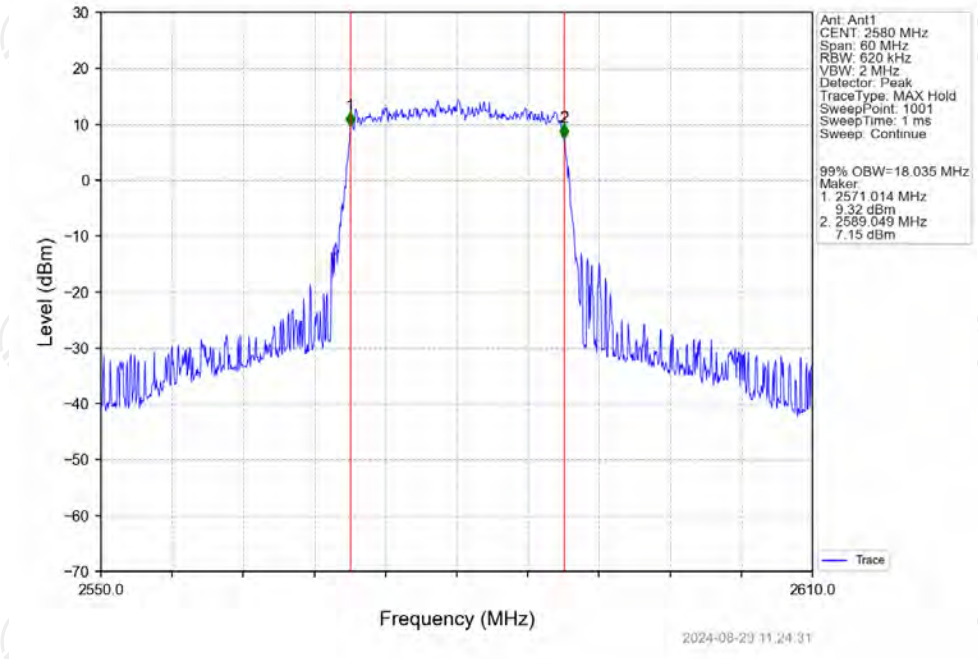
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



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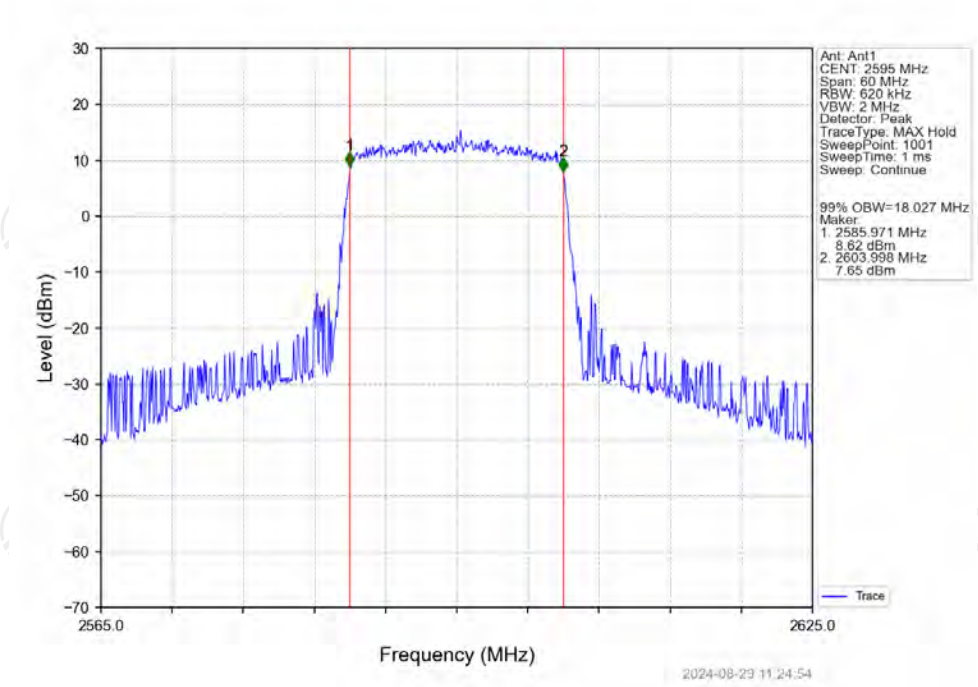
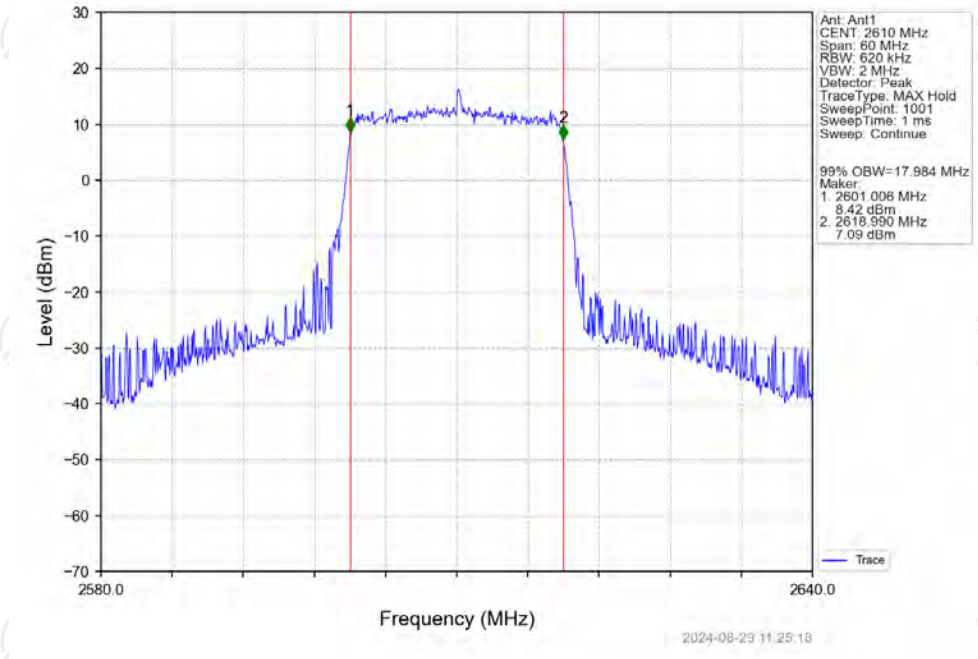
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV

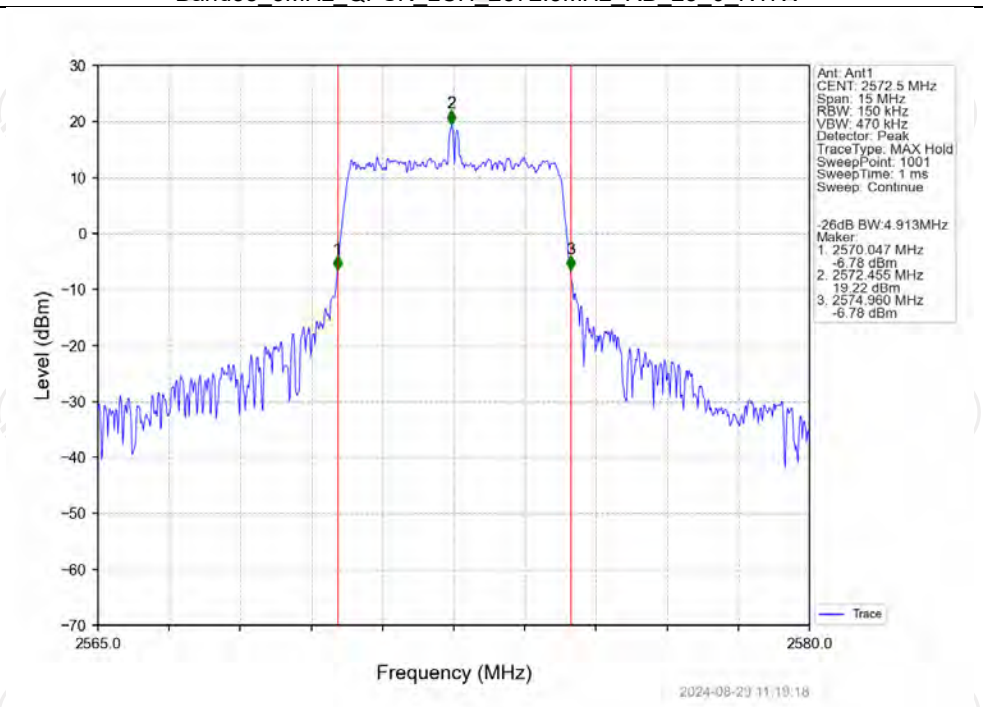


Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

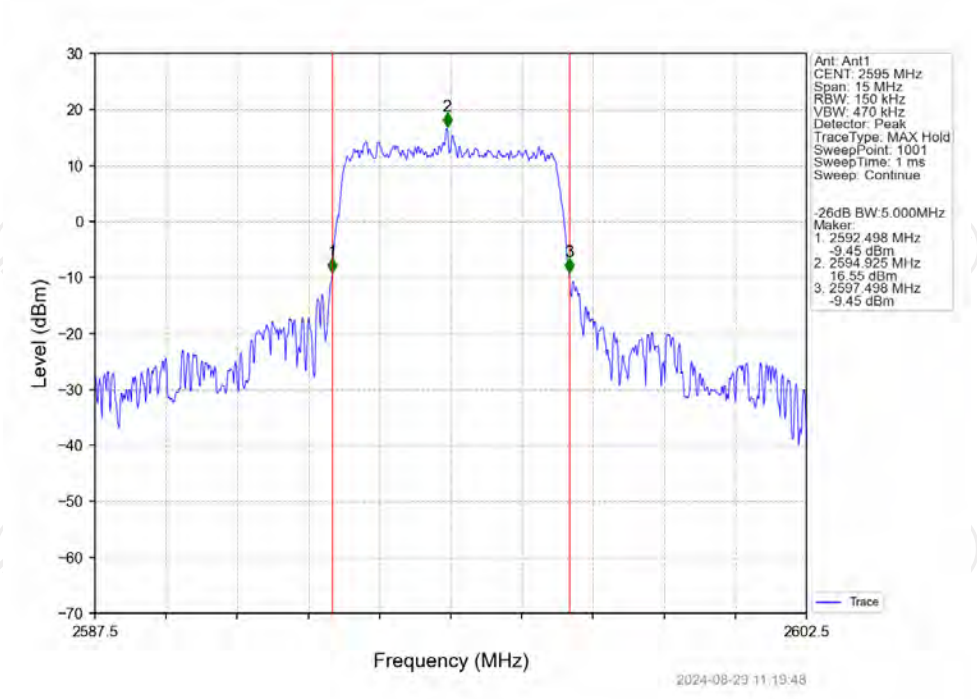


4.2.2 Band38_XDB

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



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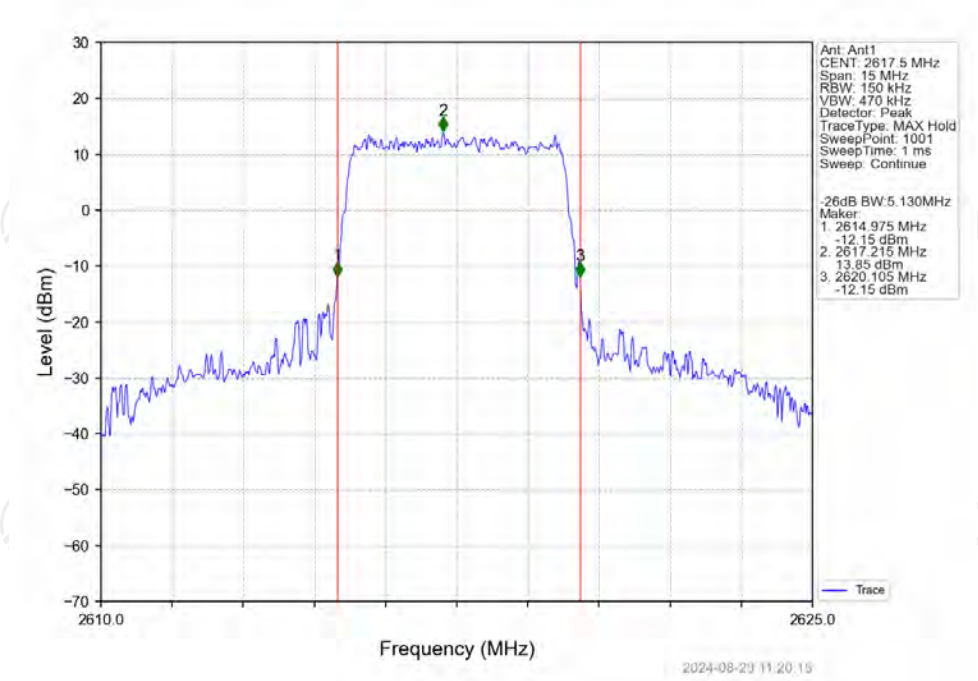
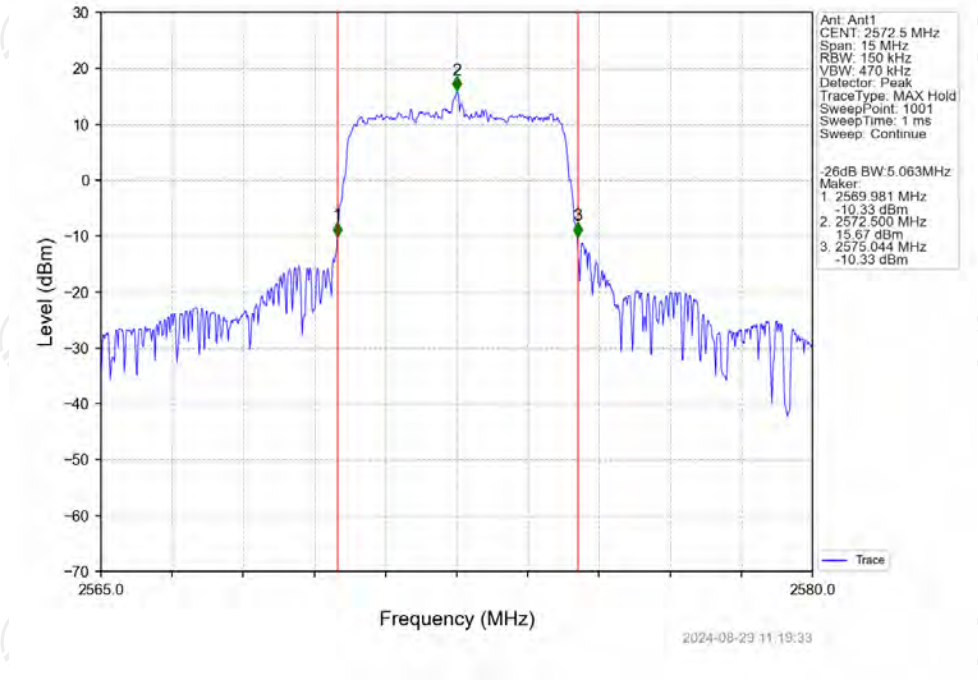
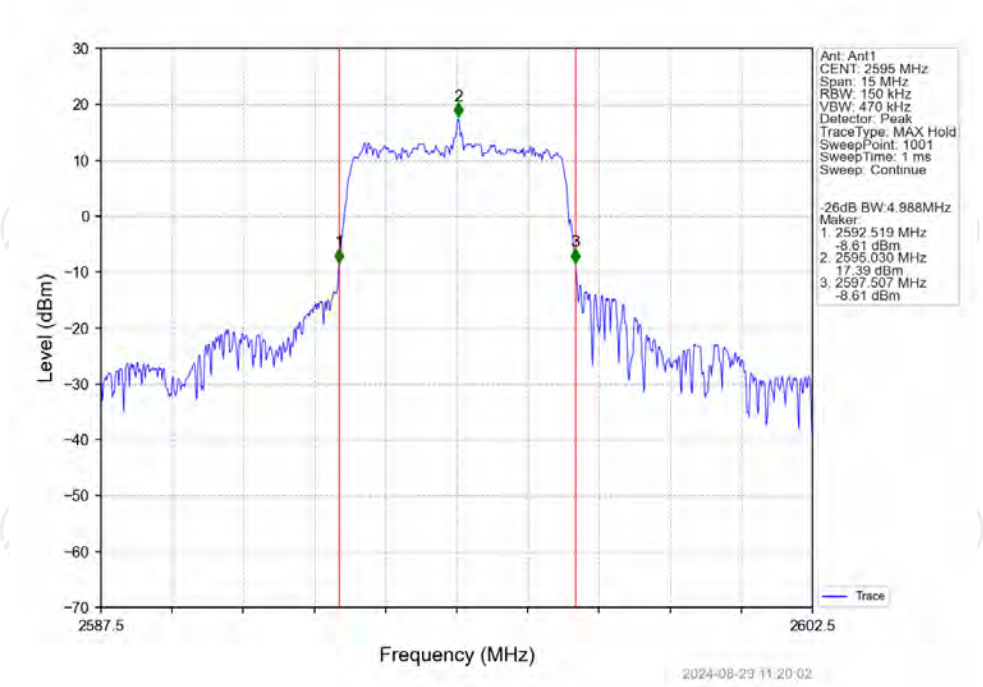
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



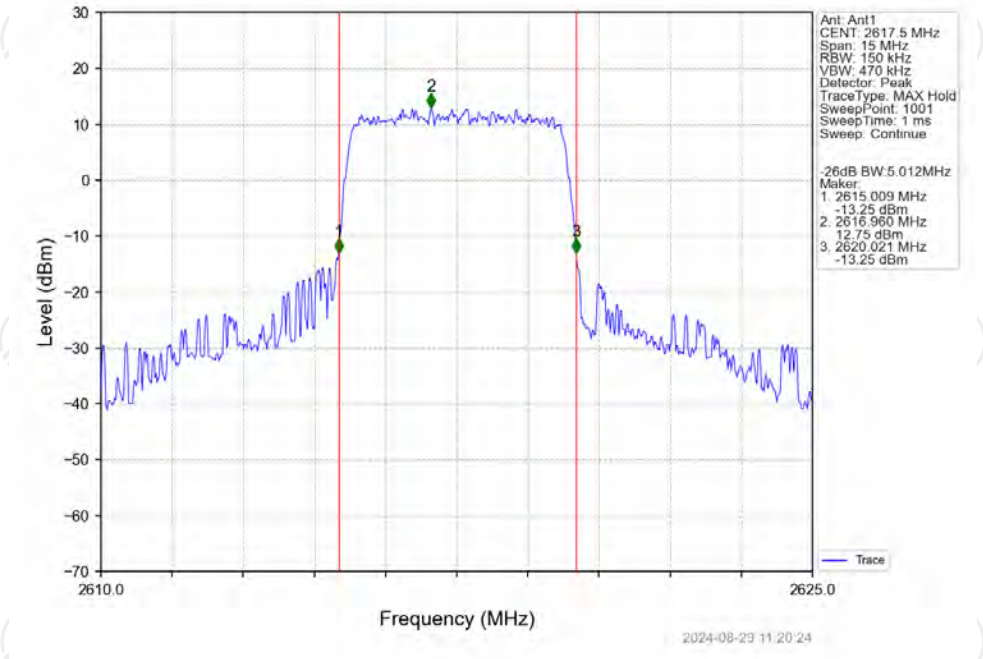
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



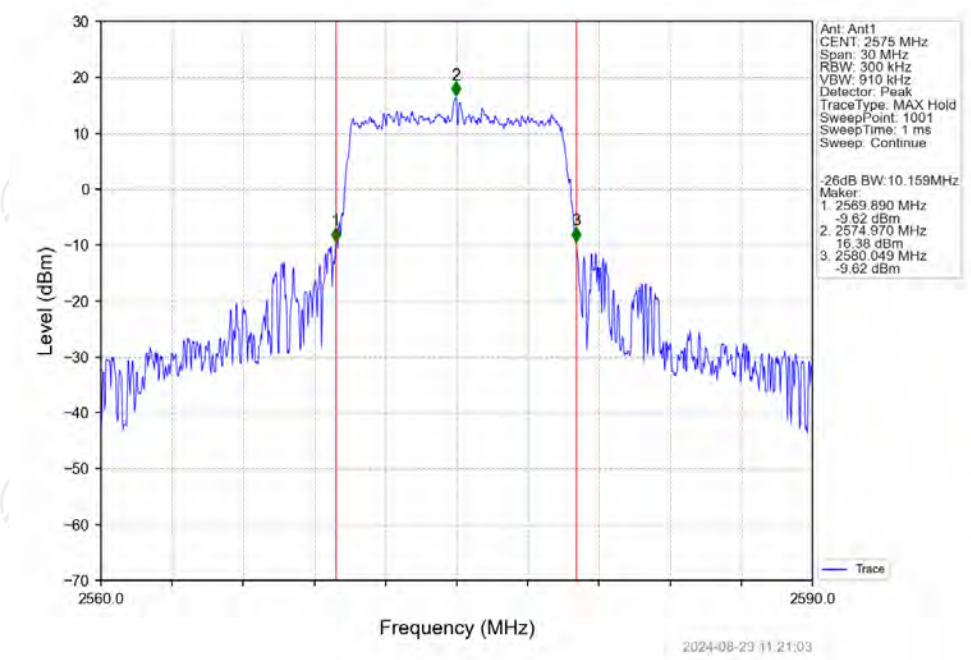
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



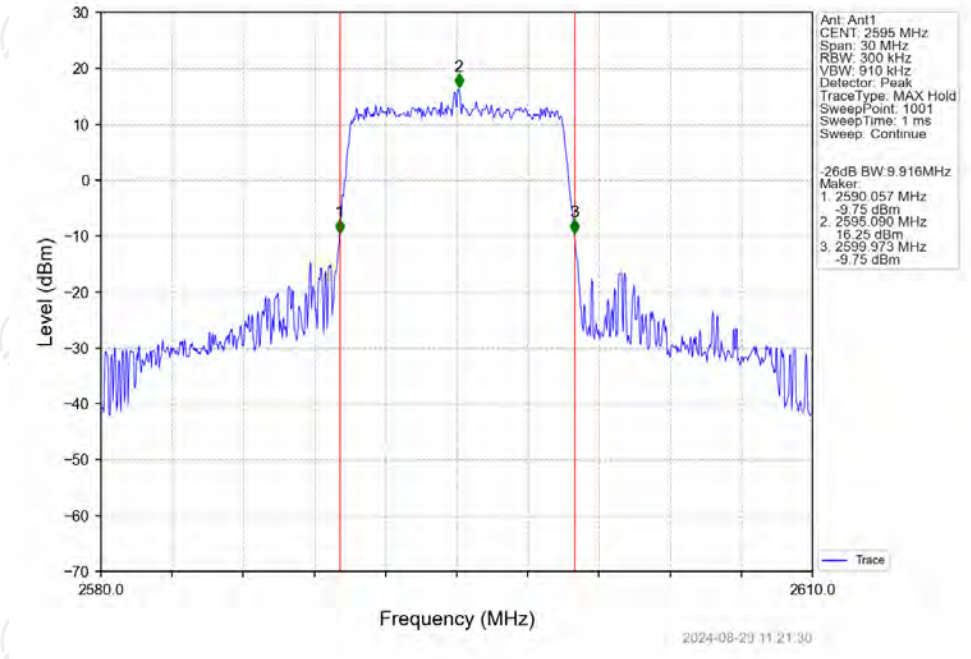
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



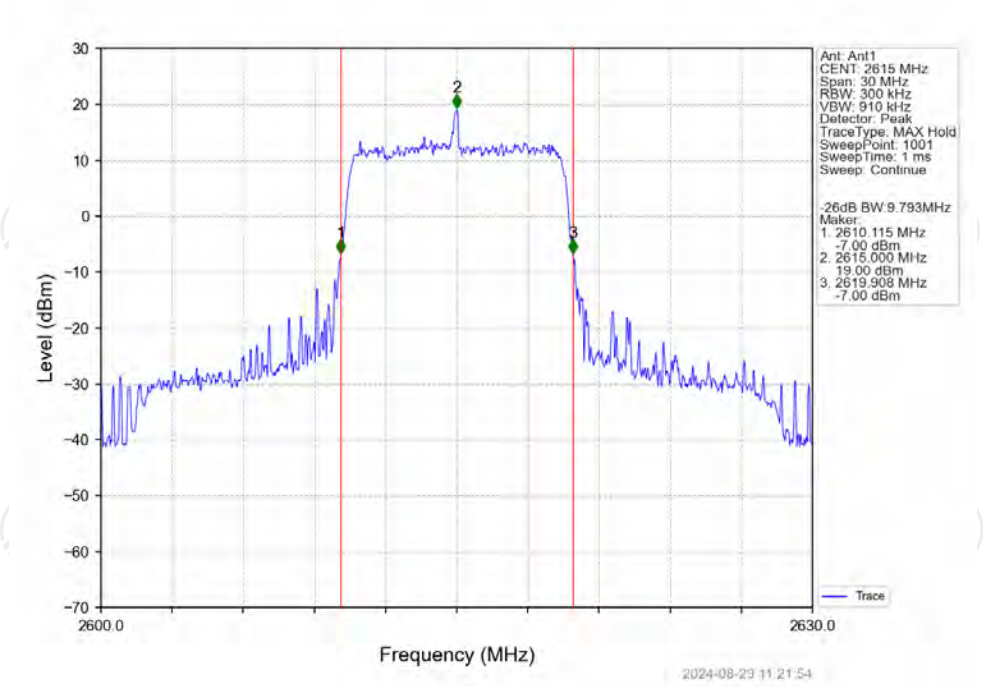
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



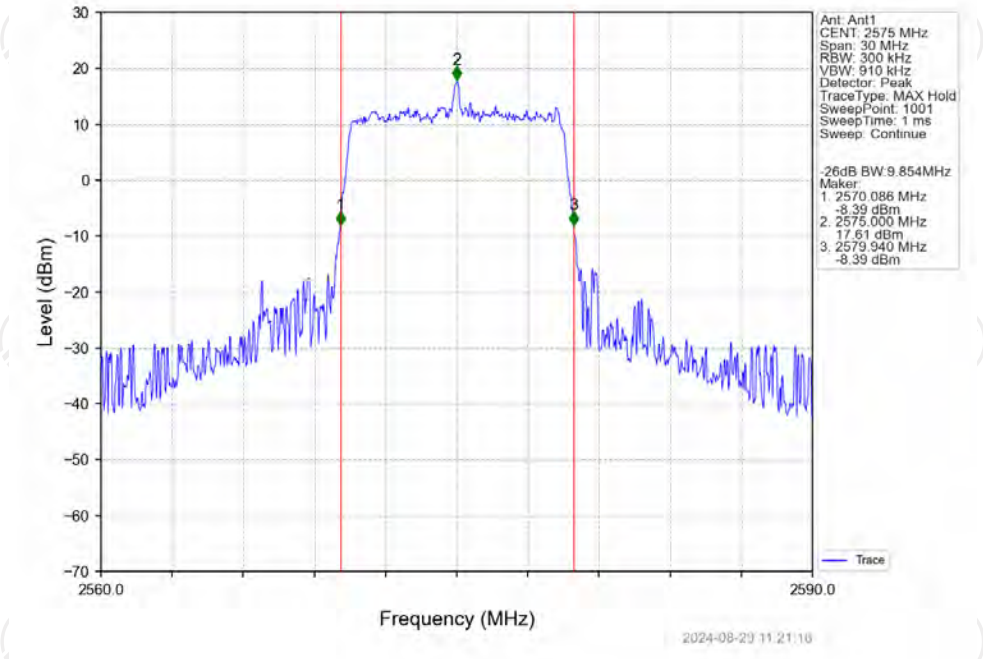
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



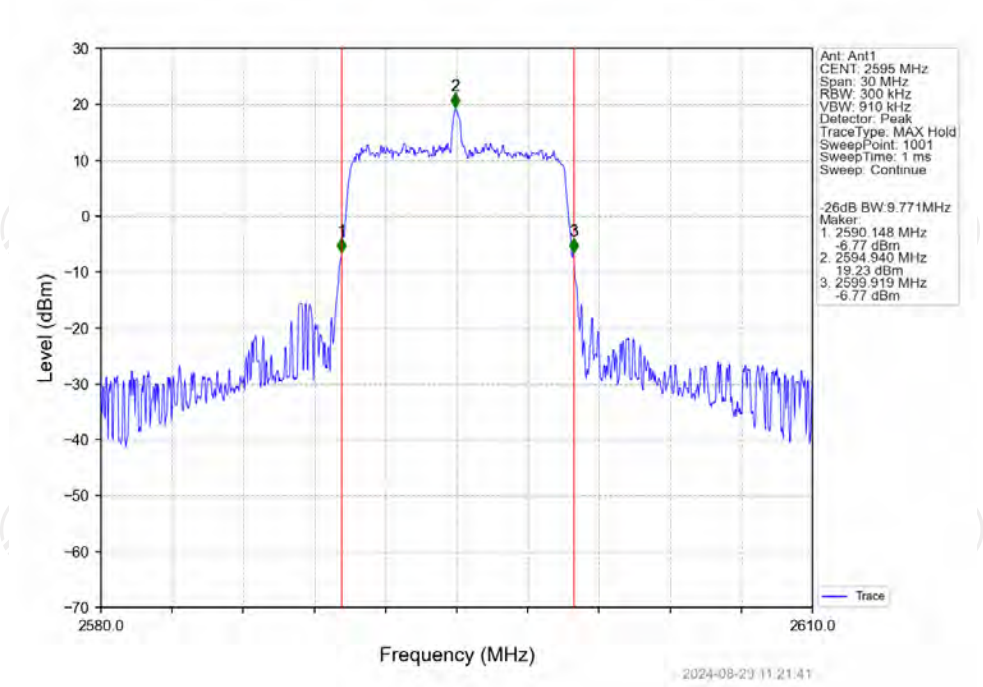
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



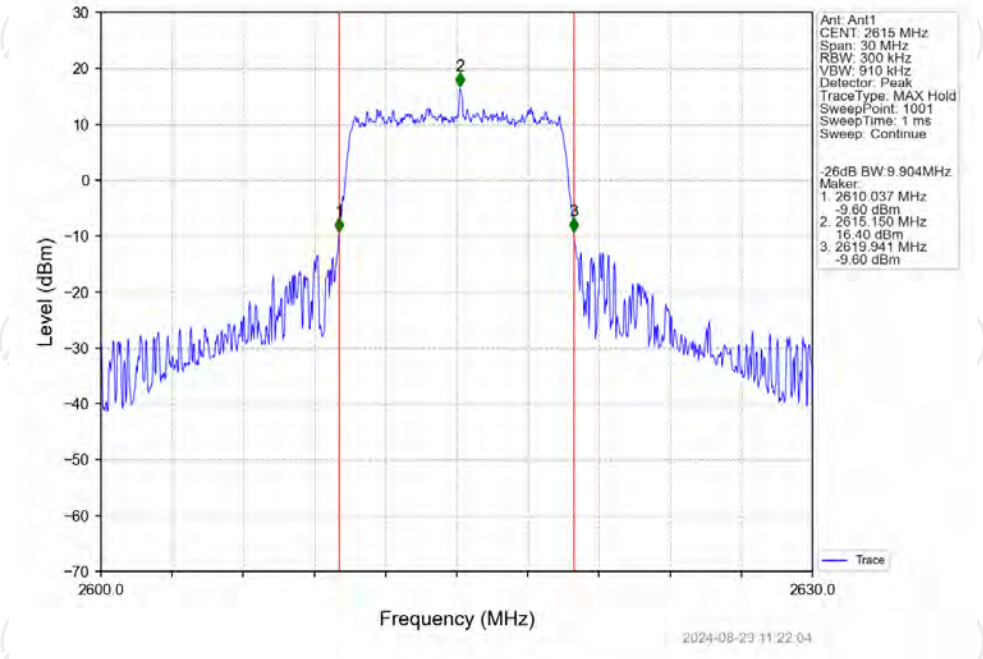
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



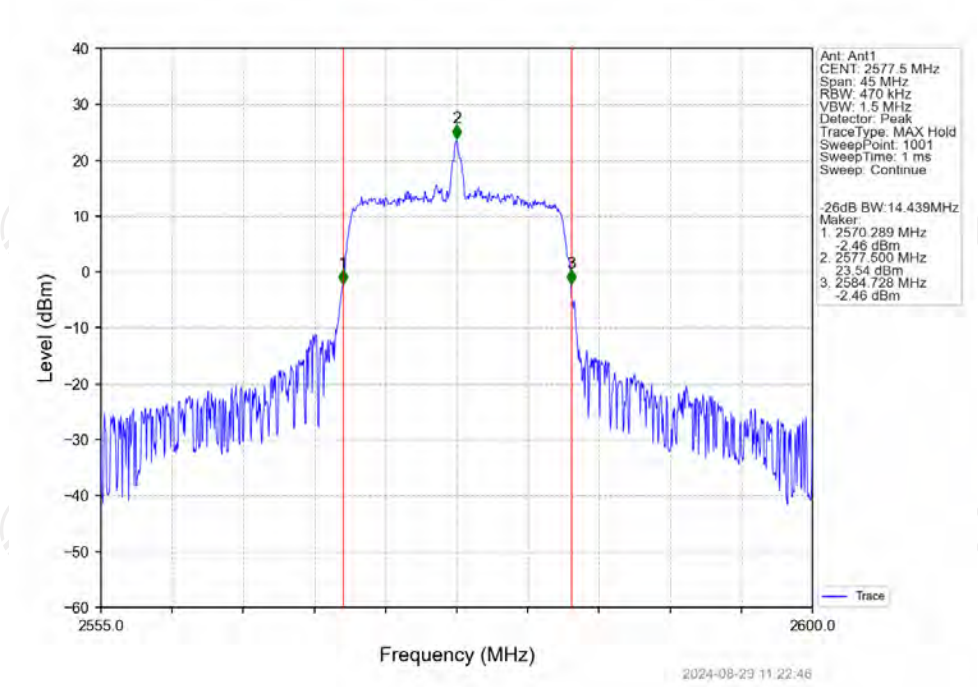
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



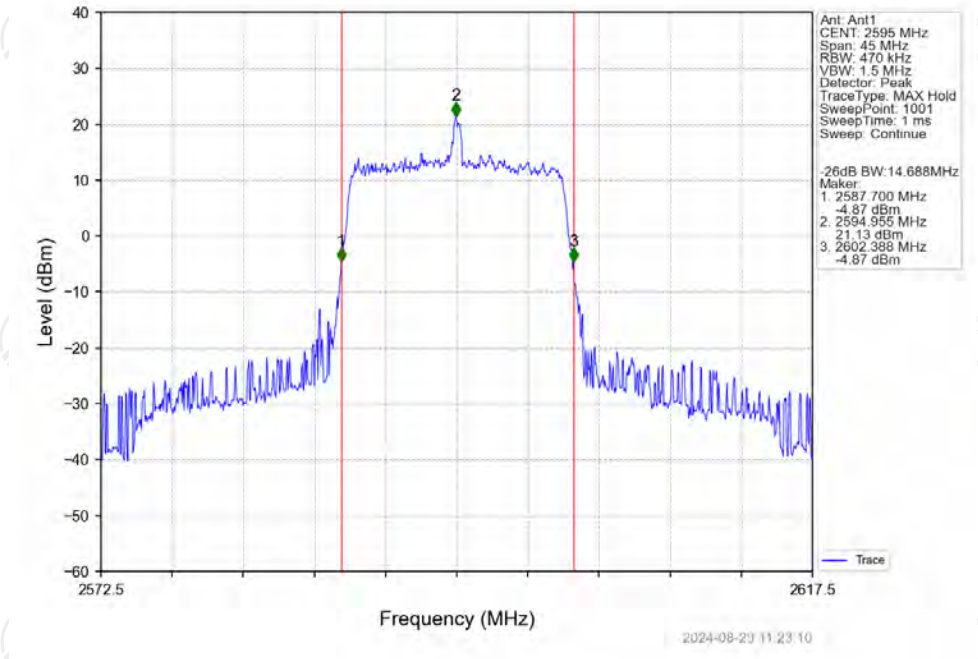
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



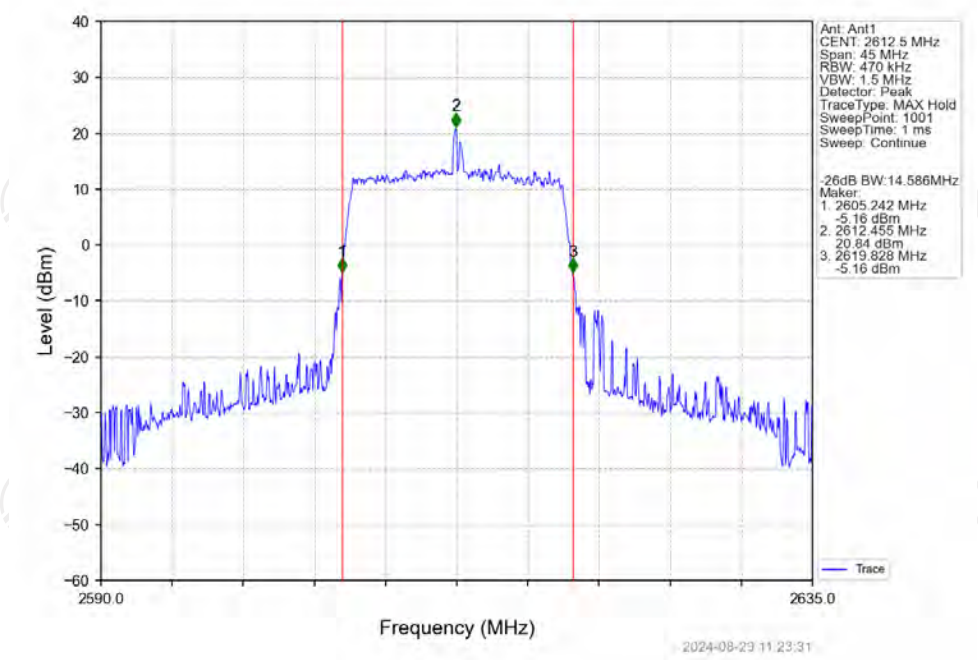
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



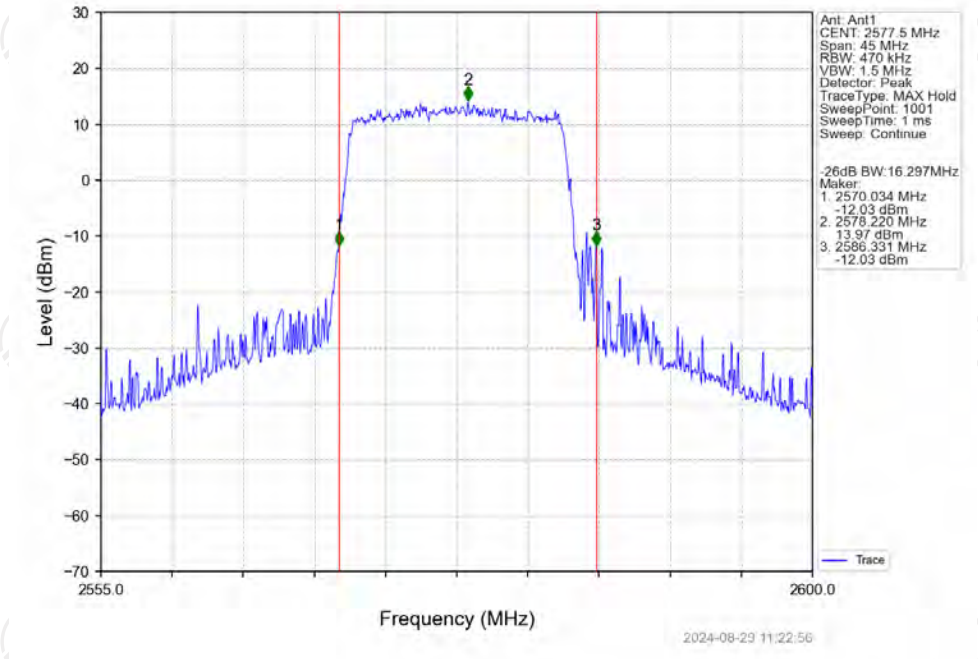
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



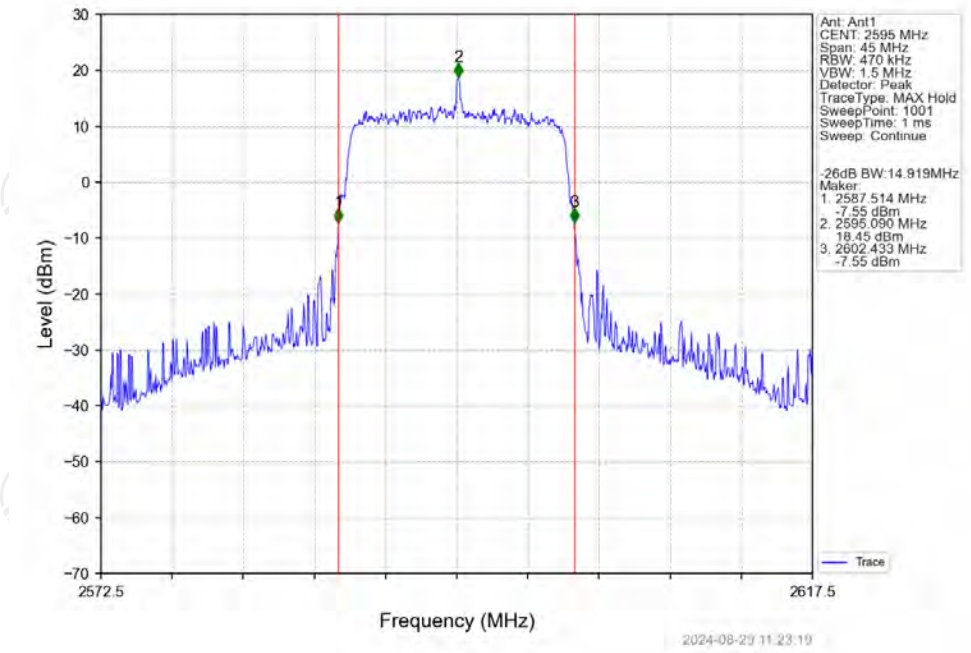
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



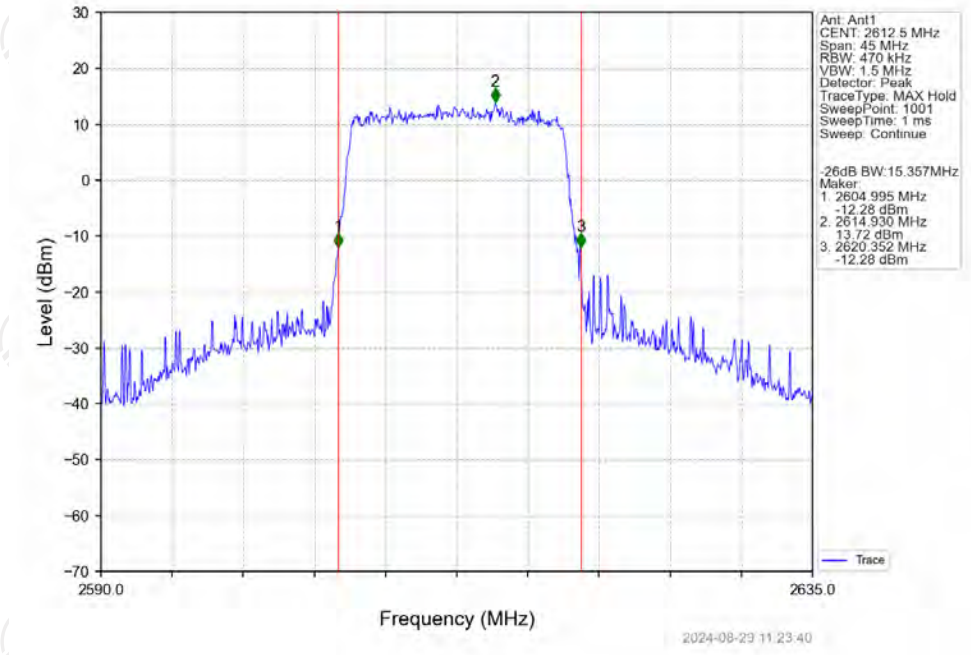
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



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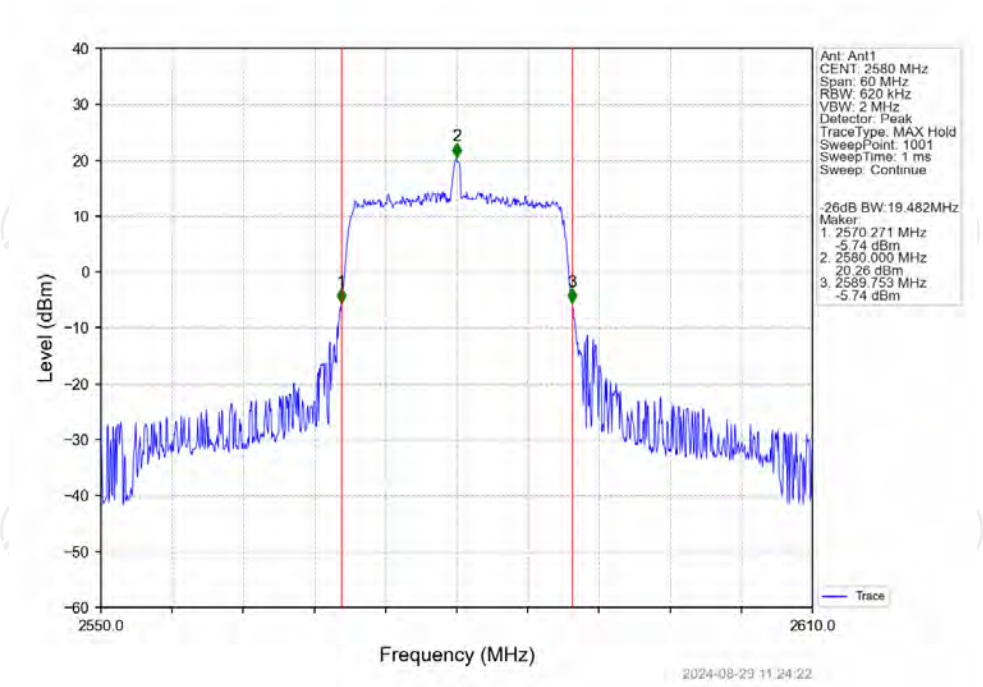
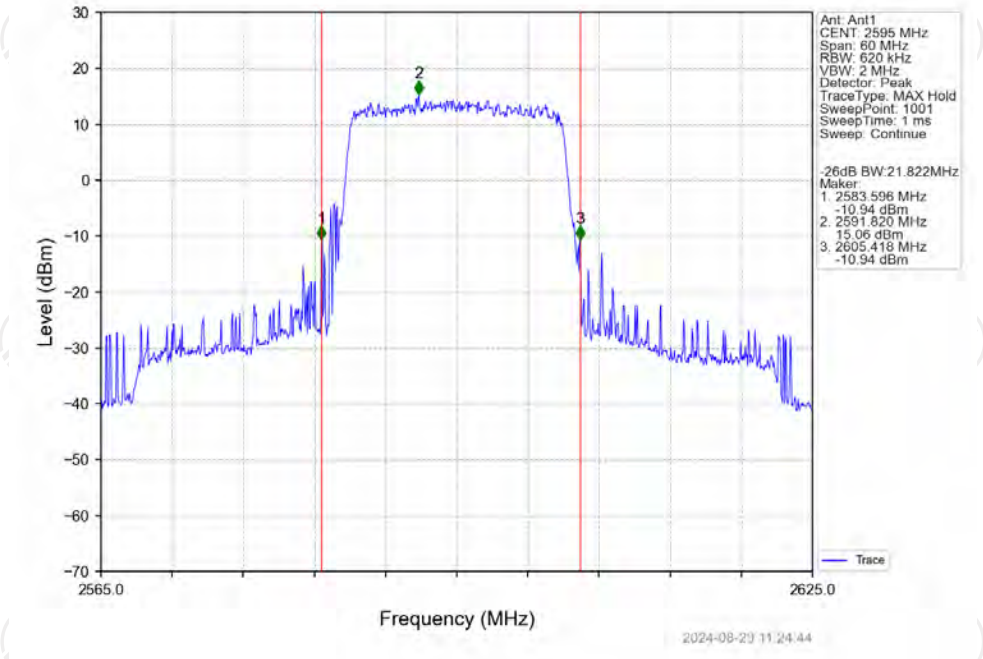
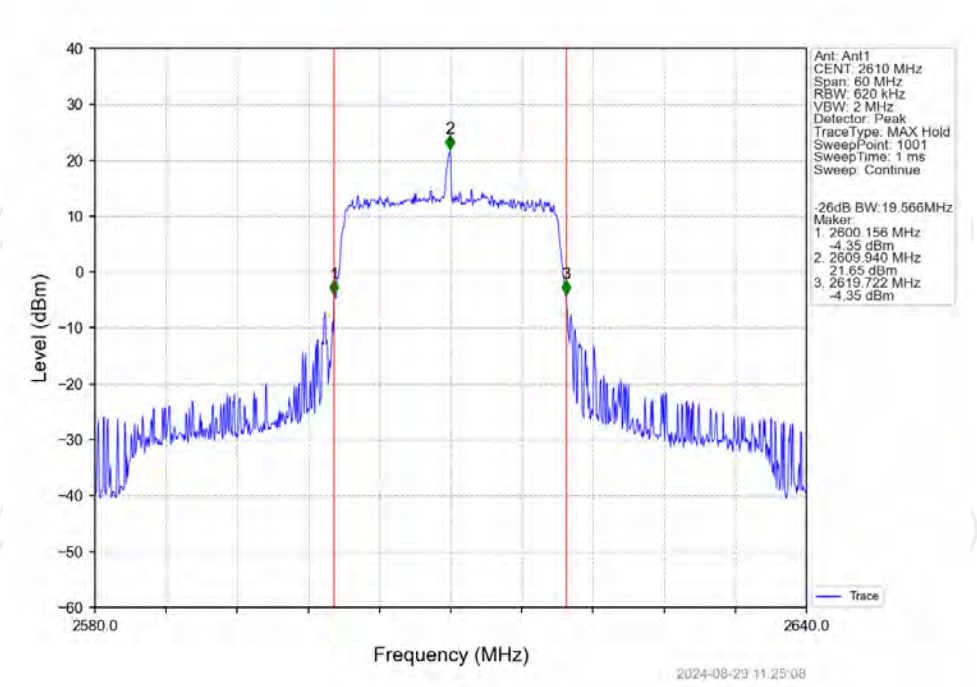
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



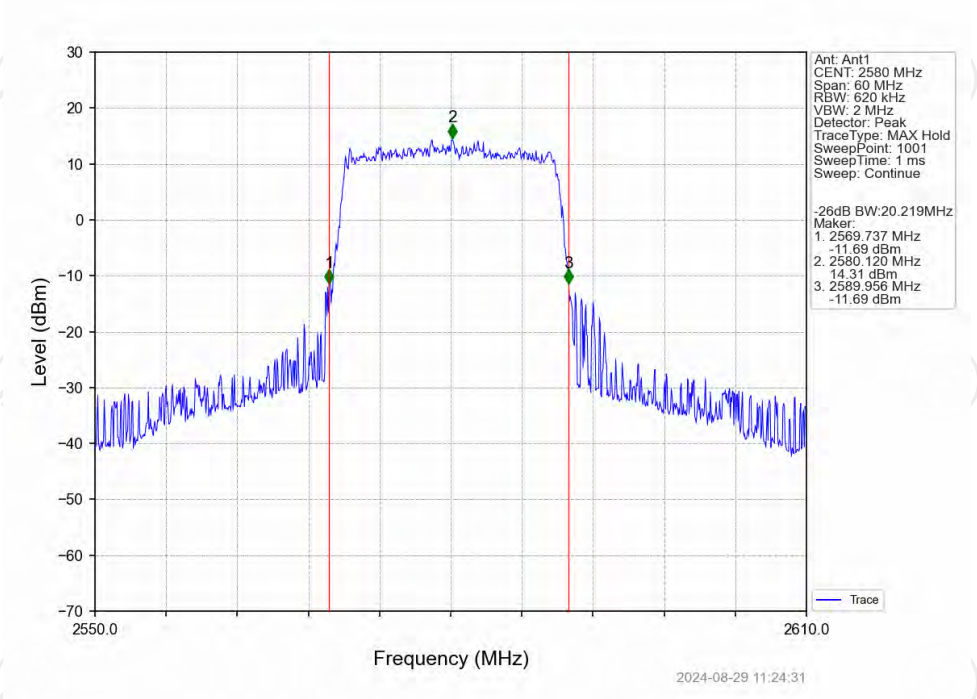
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



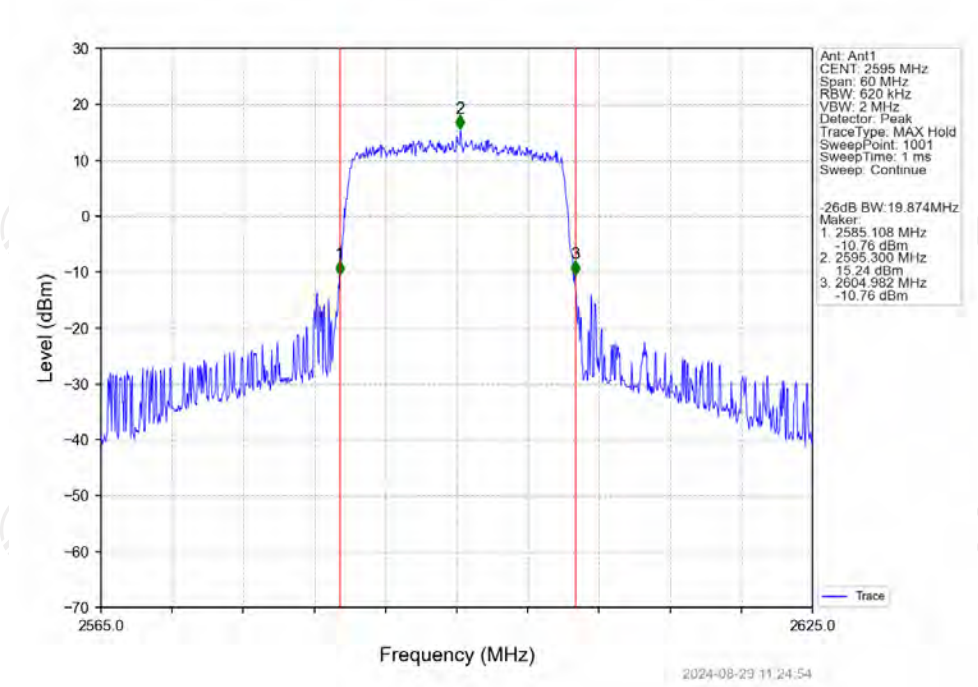
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



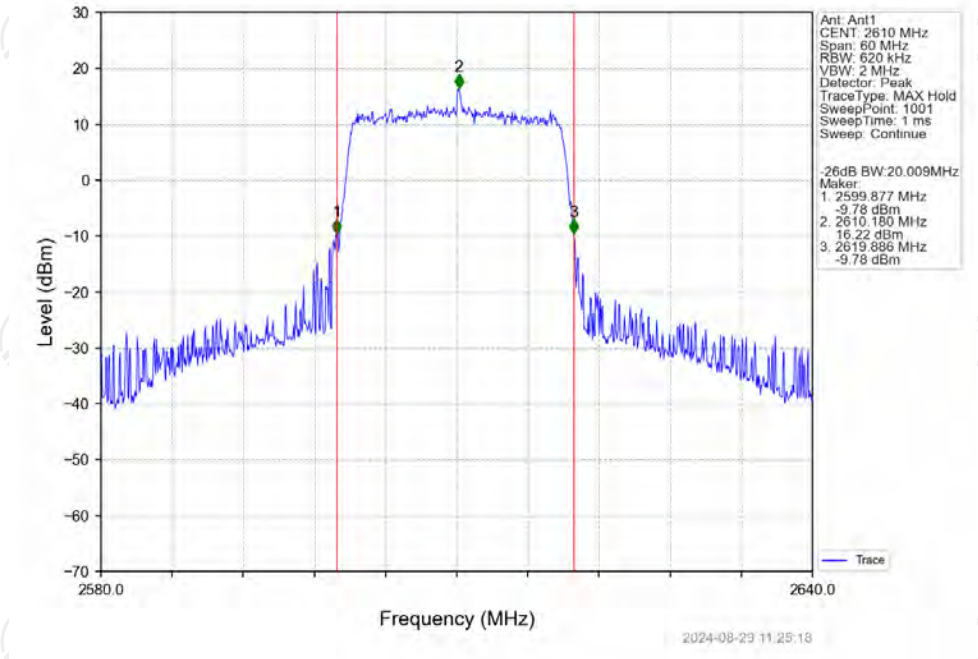
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.58	<=13	Pass
	2595	25	0	7.54	<=13	Pass
	2617.5	25	0	7.52	<=13	Pass
16QAM	2572.5	25	0	8.33	<=13	Pass
	2595	25	0	8.26	<=13	Pass
	2617.5	25	0	8.26	<=13	Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.34	<=13	Pass
	2595	50	0	7.48	<=13	Pass
	2615	50	0	7.43	<=13	Pass
16QAM	2575	50	0	8.23	<=13	Pass
	2595	50	0	8.19	<=13	Pass
	2615	50	0	8.12	<=13	Pass

5.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.89	<=13	Pass
	2595	75	0	7.42	<=13	Pass
	2612.5	75	0	7.56	<=13	Pass
16QAM	2577.5	75	0	8.36	<=13	Pass
	2595	75	0	8.39	<=13	Pass
	2612.5	75	0	8.15	<=13	Pass

5.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.32	<=13	Pass
	2595	100	0	7.24	<=13	Pass
	2610	100	0	7.10	<=13	Pass
16QAM	2580	100	0	8.03	<=13	Pass
	2595	100	0	8.26	<=13	Pass

	2610	100	0	7.80	<=13	Pass

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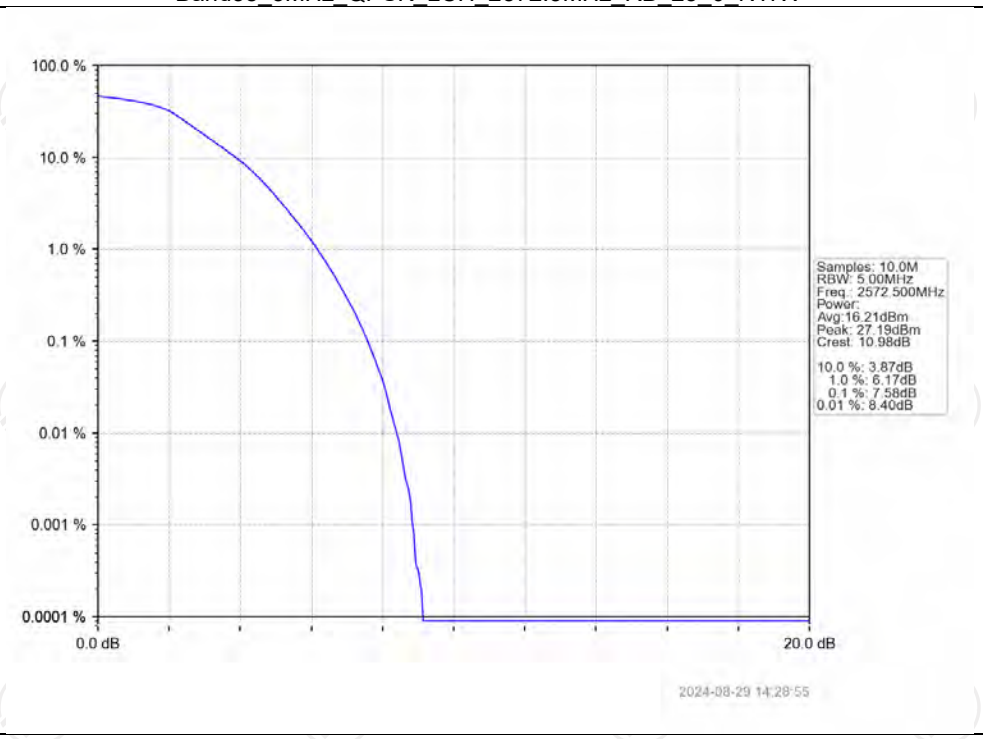
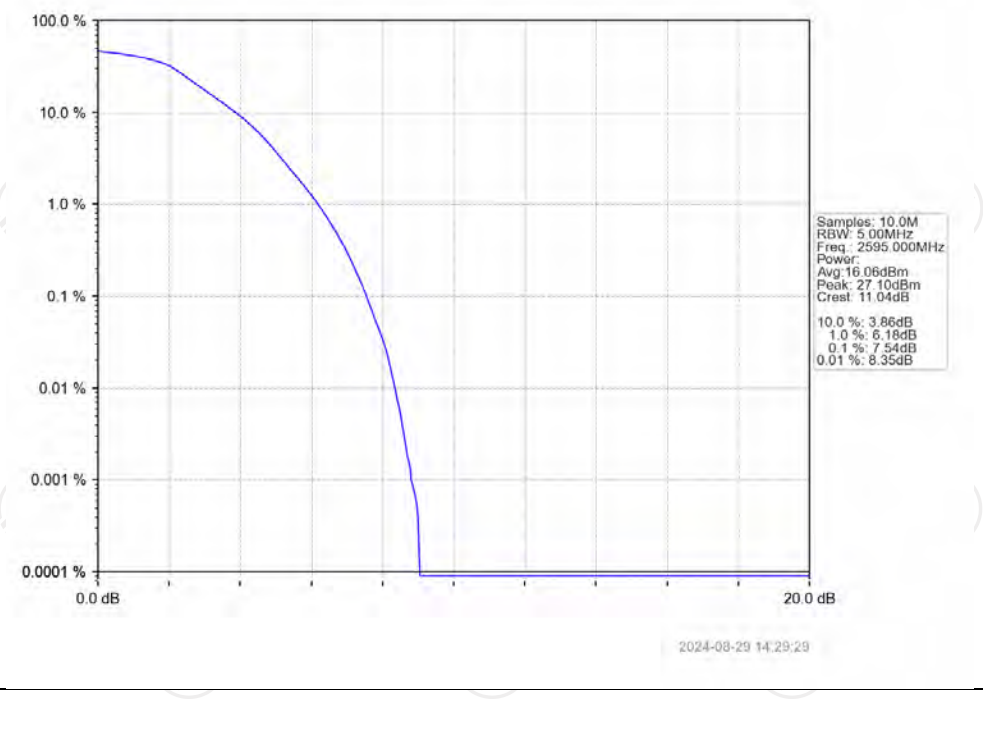
5.2 Test Graph

5.2.1 B38_5MHz

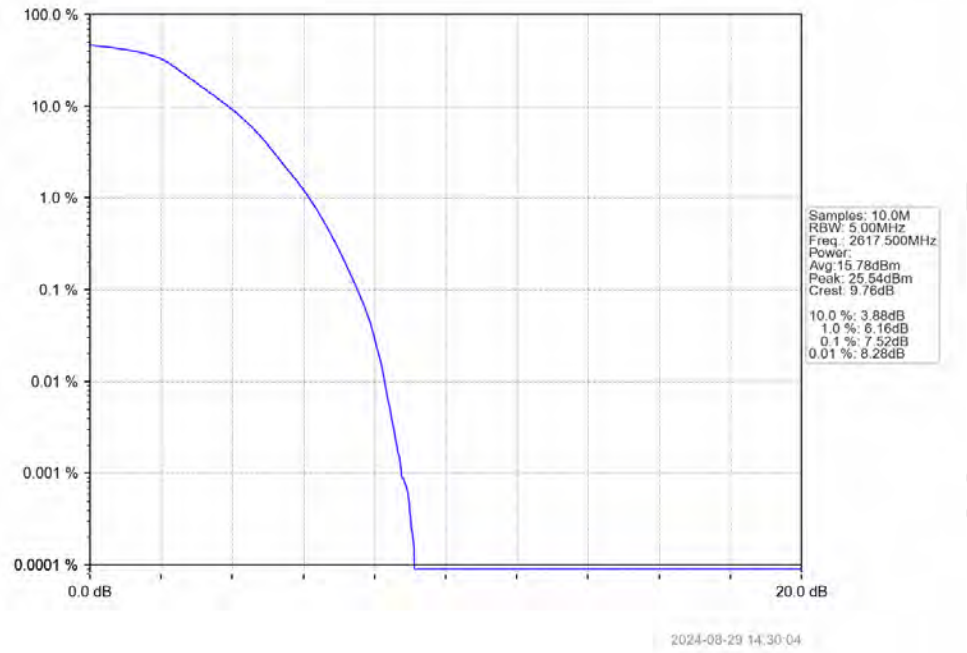
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



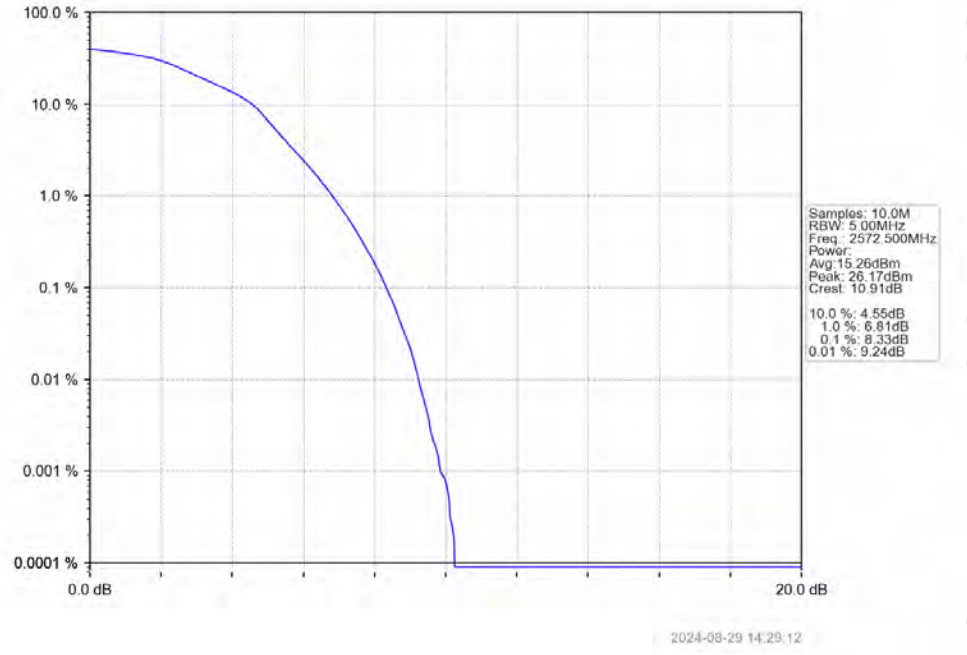
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



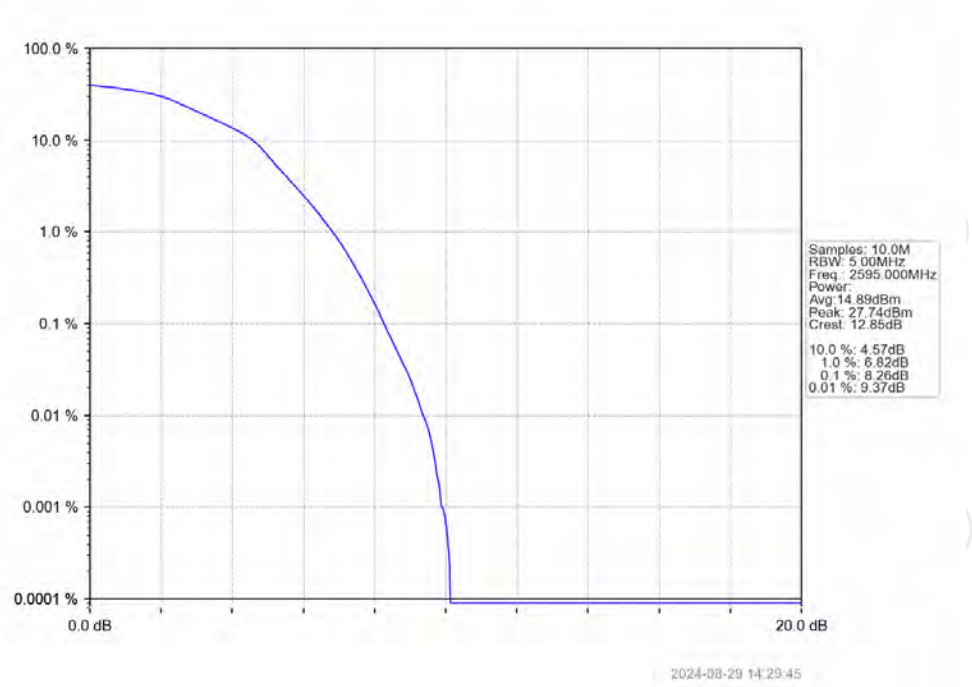
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



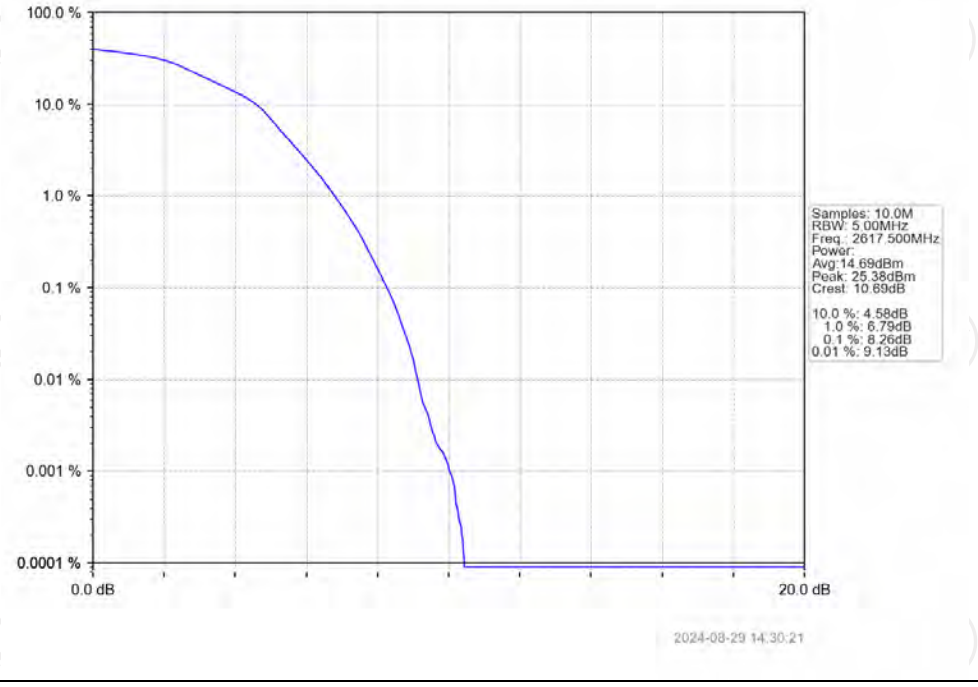
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



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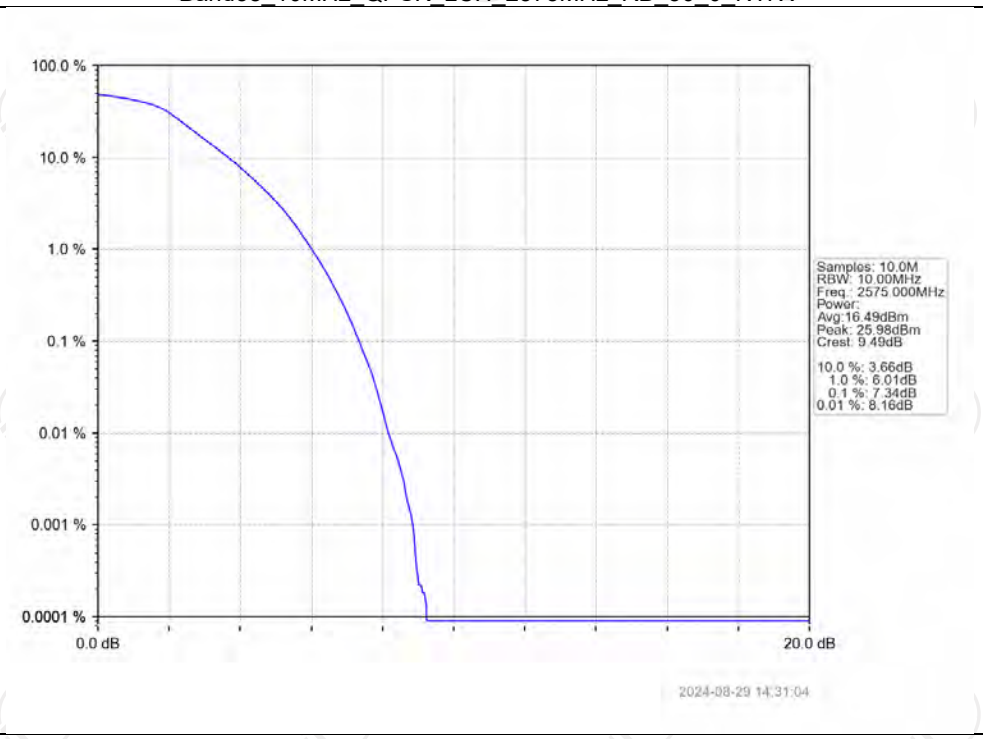
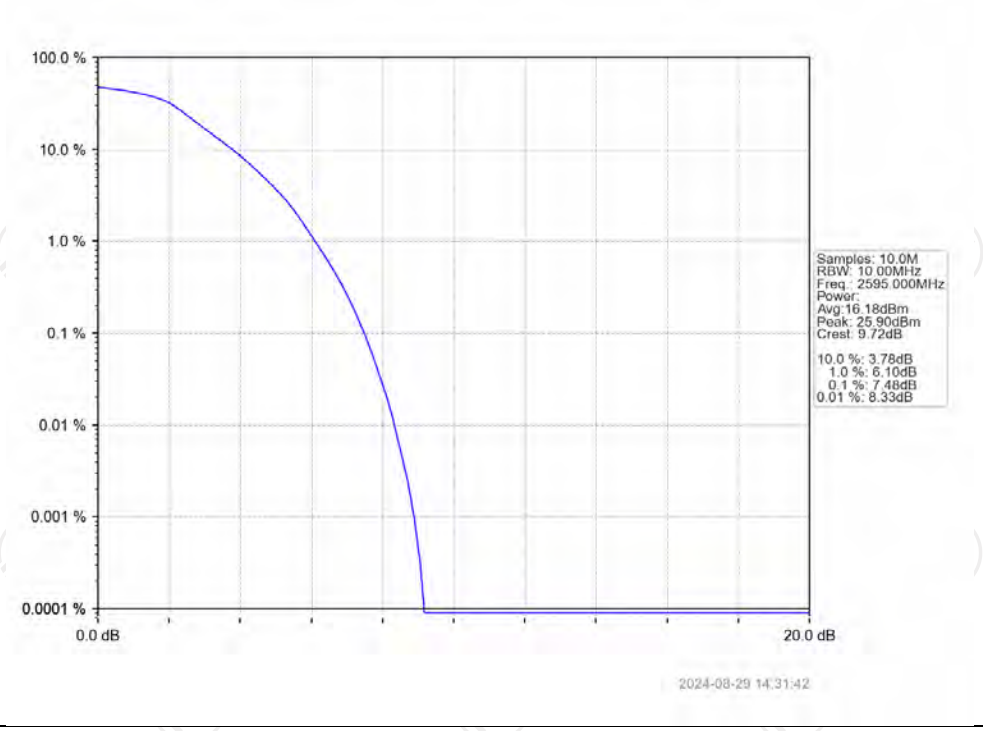
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



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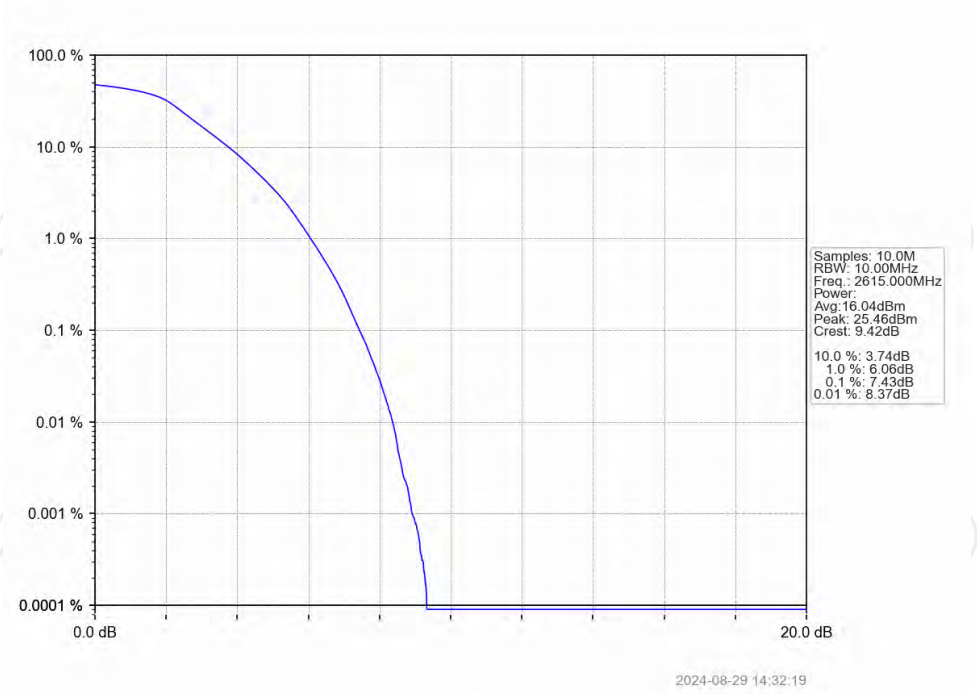
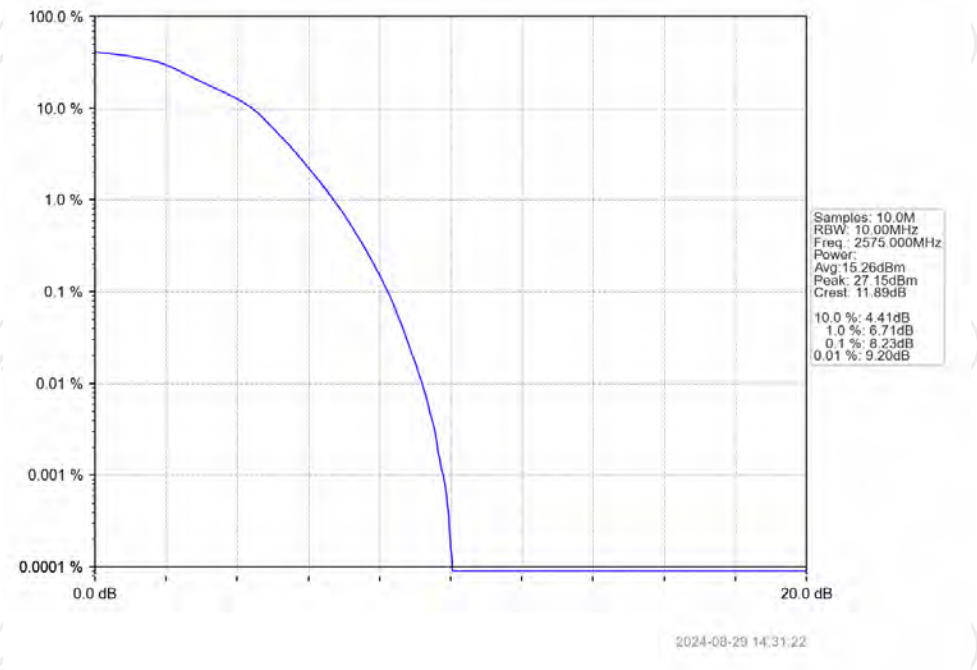
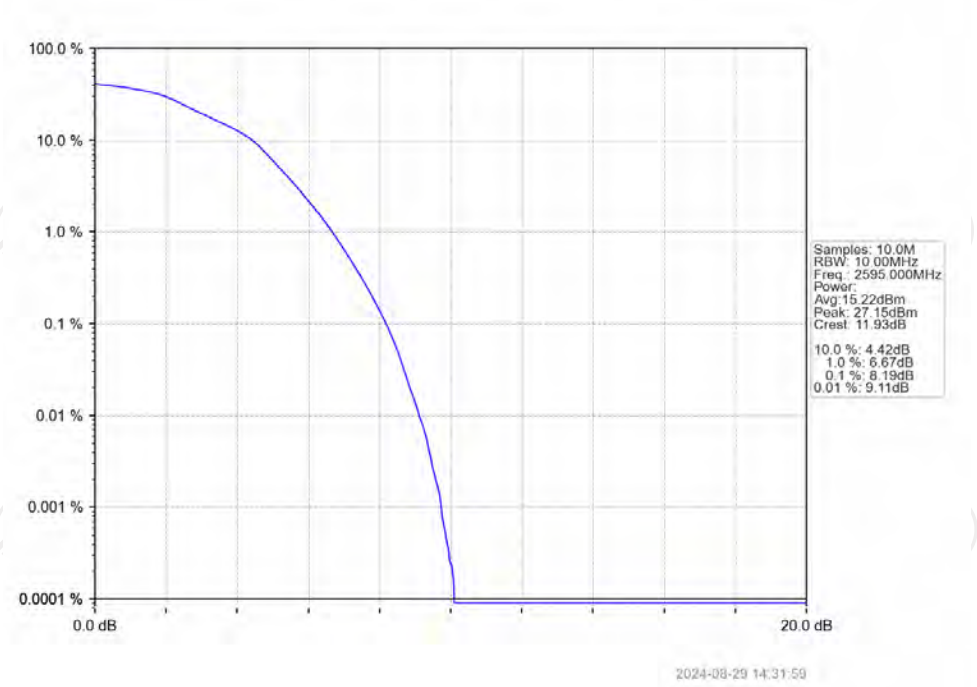
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



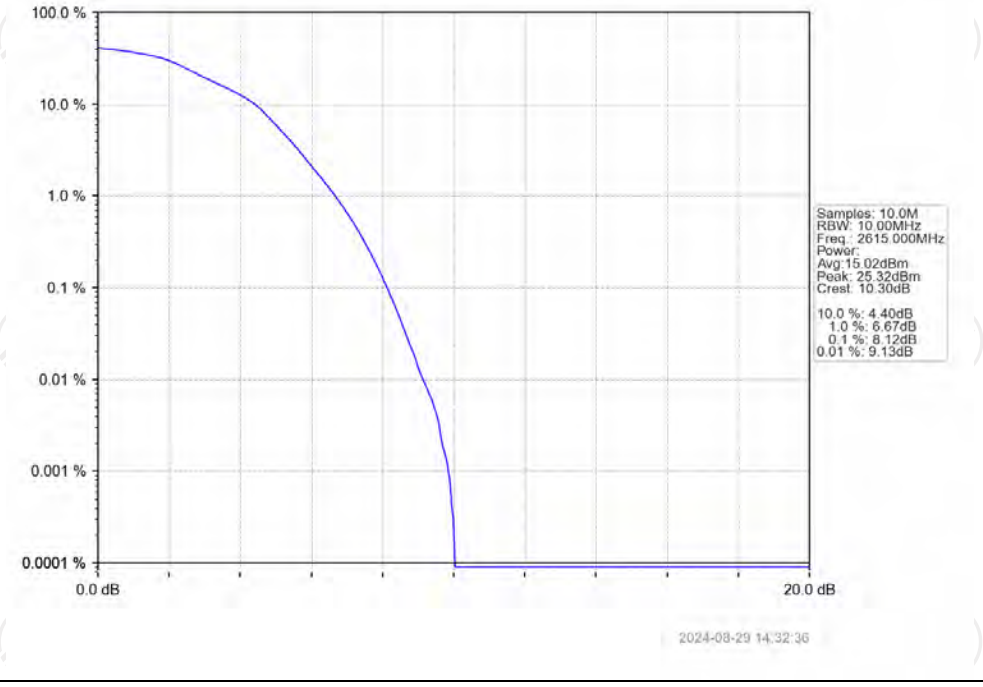
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV

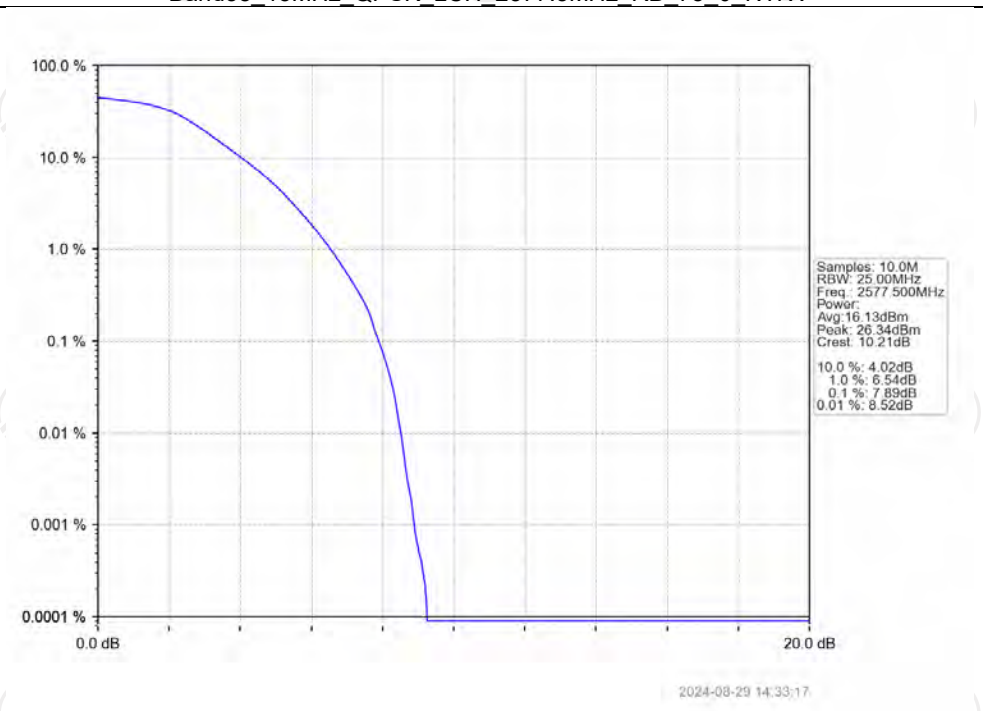


Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV

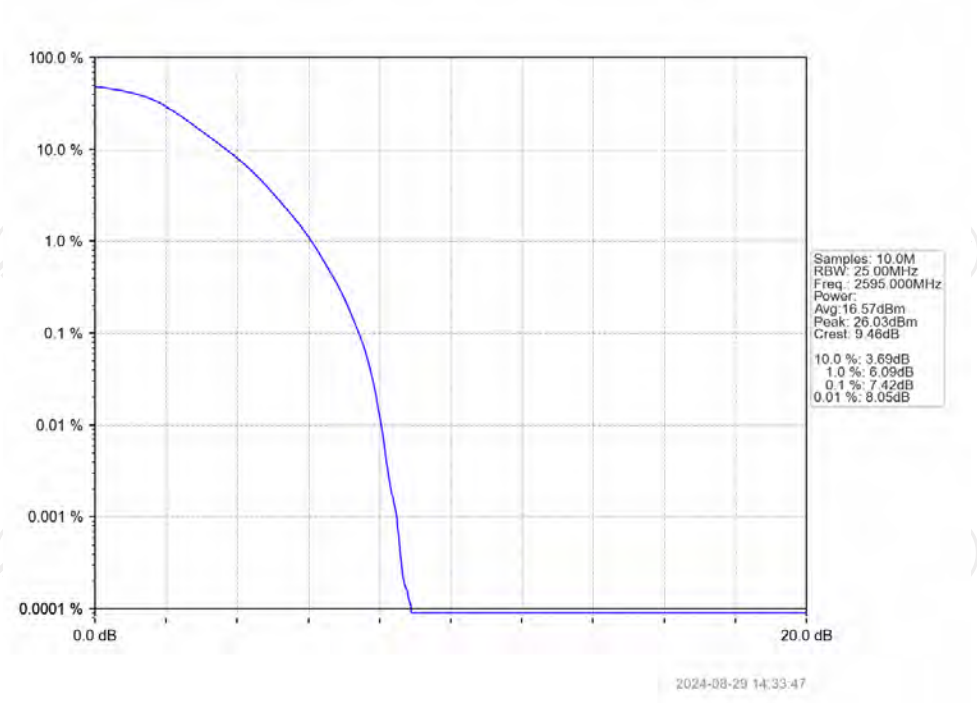


5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



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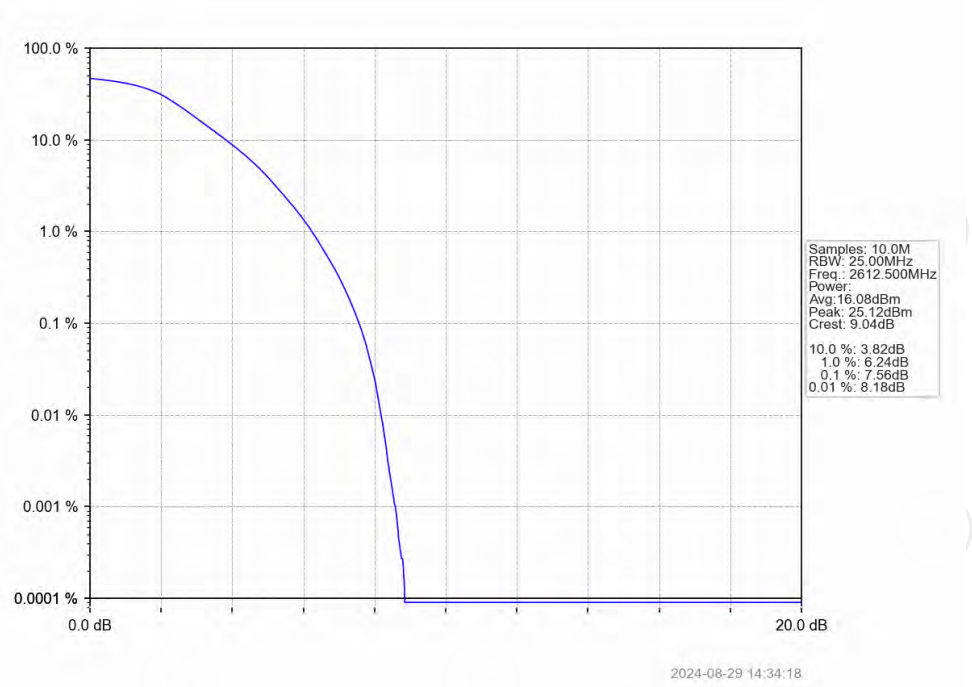
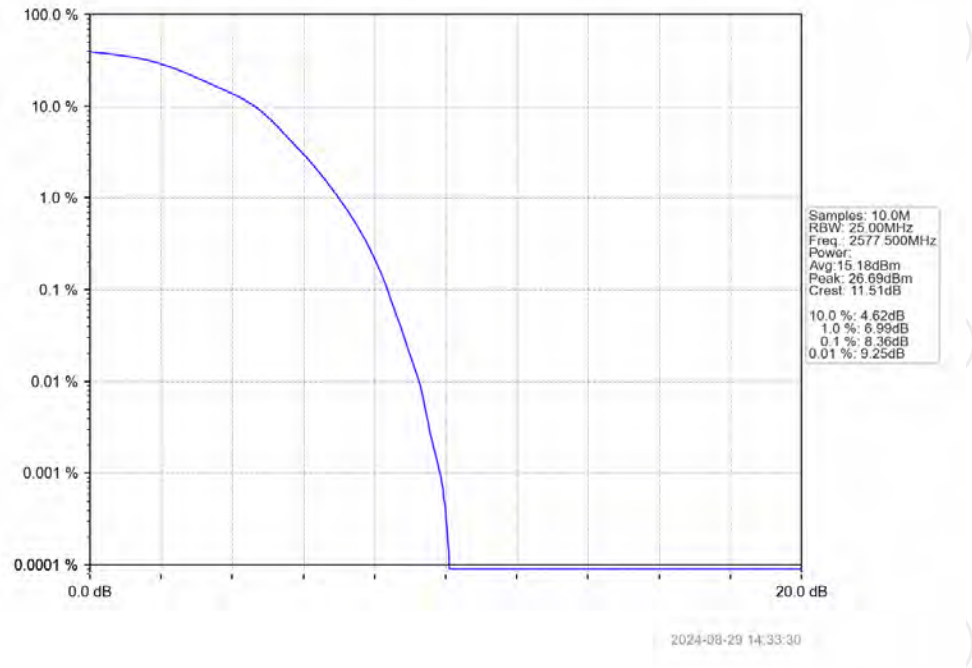
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



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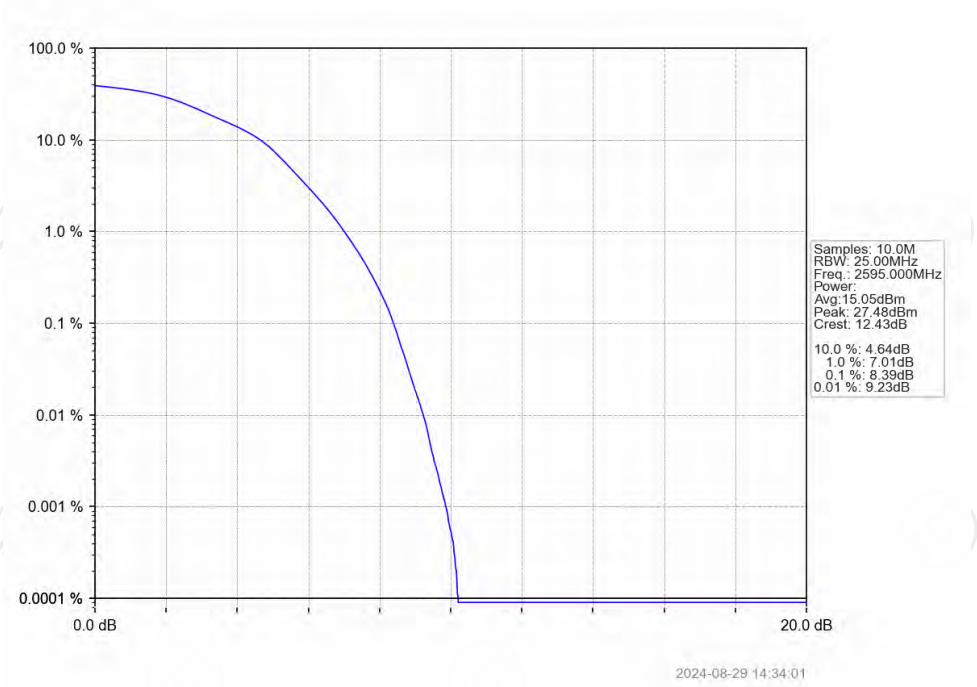
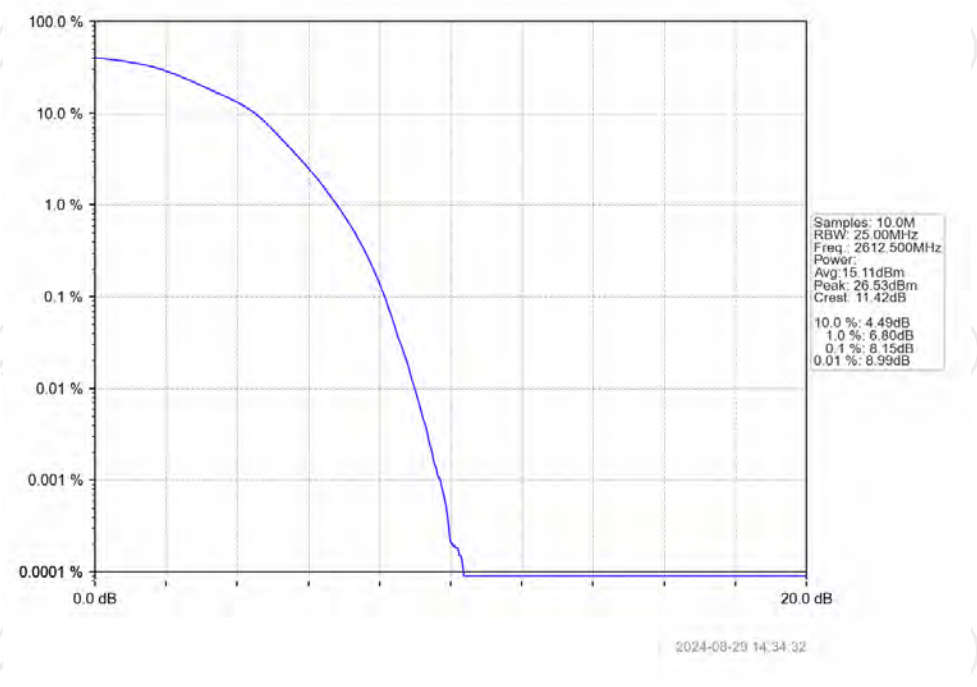
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



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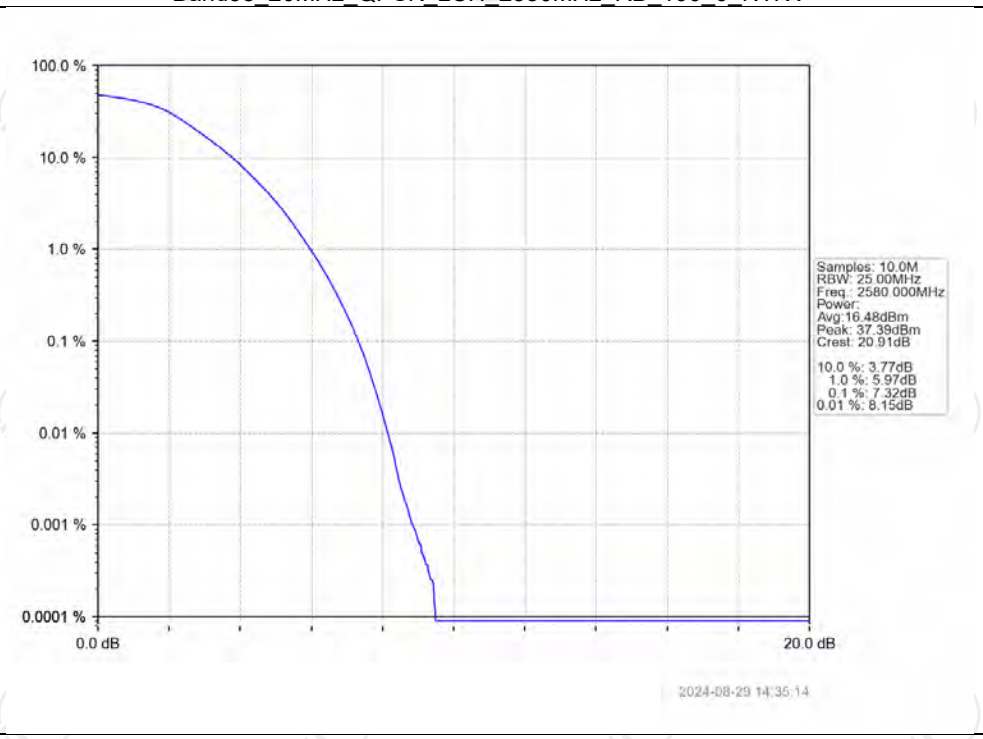
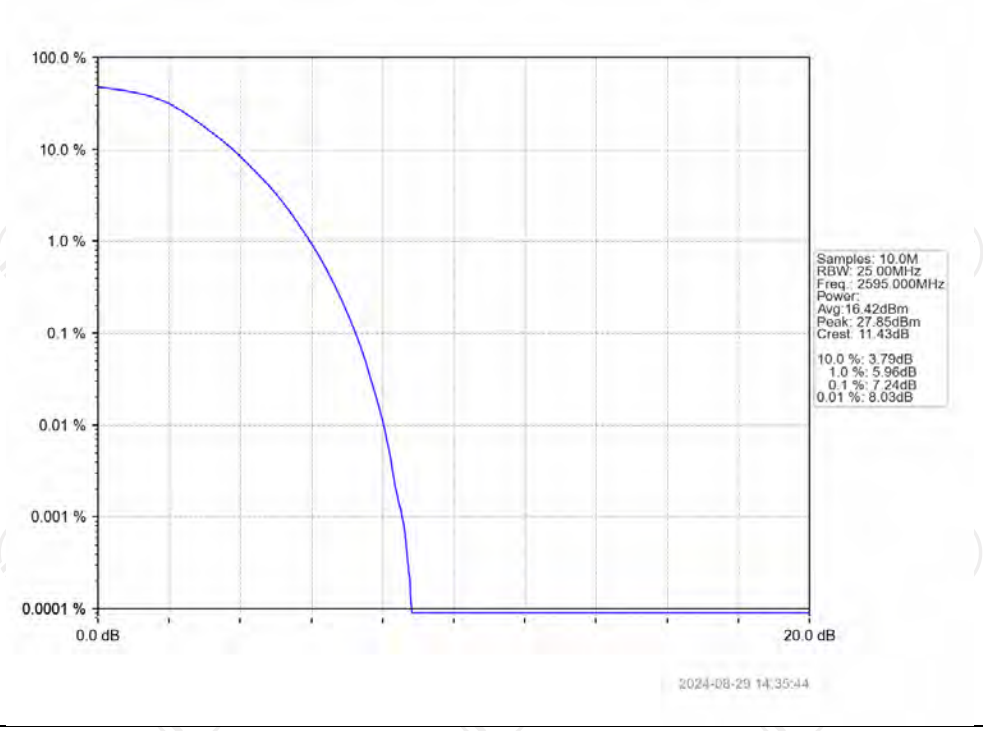
5.2.4 B38_20MHz

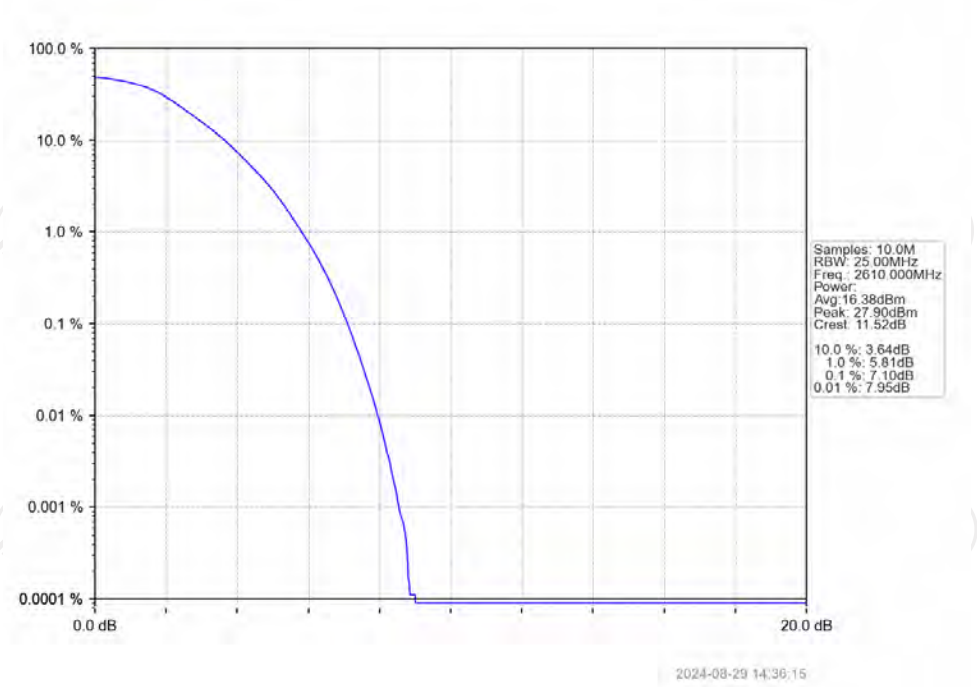
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



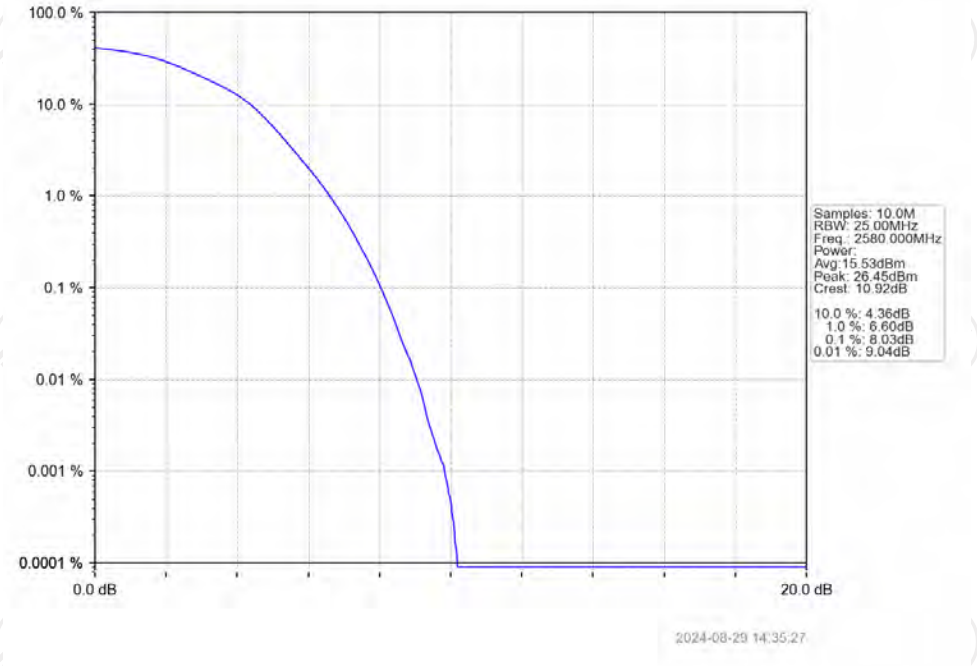
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



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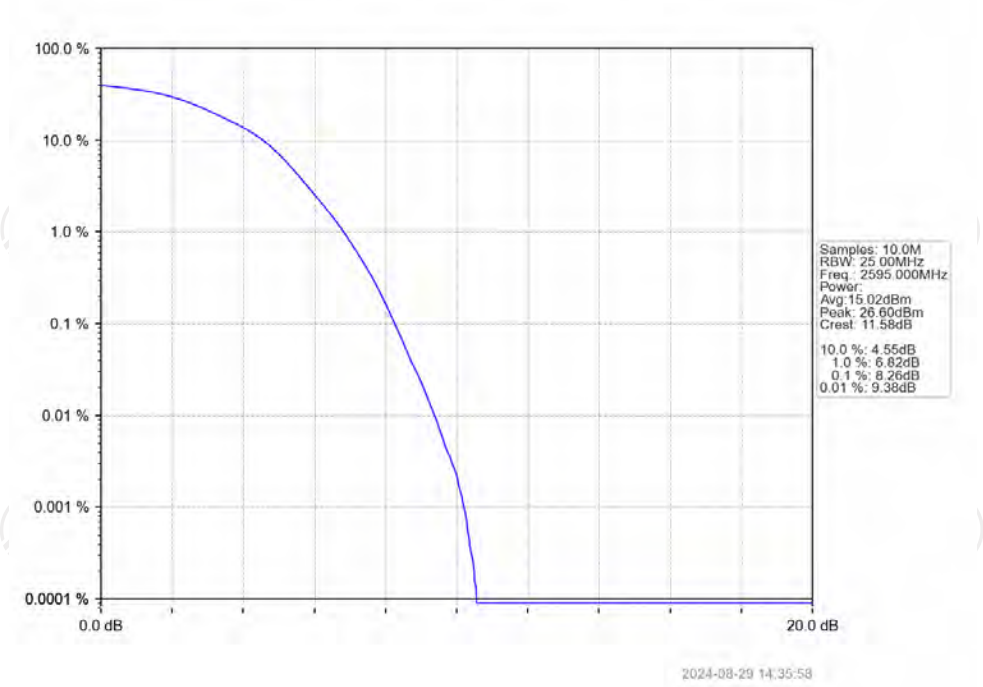
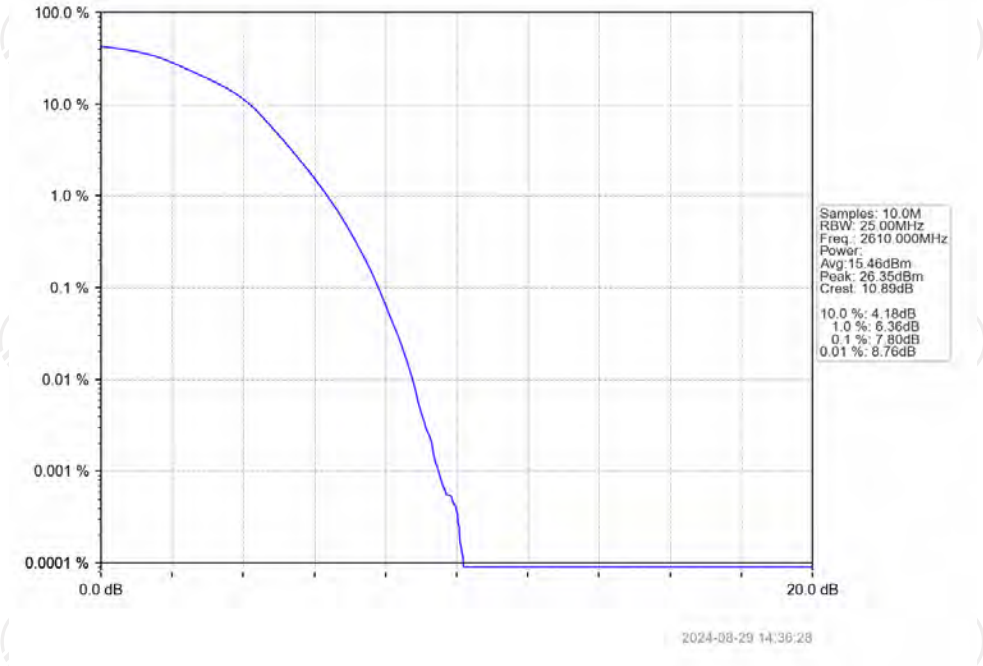
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



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6. Spurious Emission

6.1 Test Result

6.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2577.5	1	0	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
	2612.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

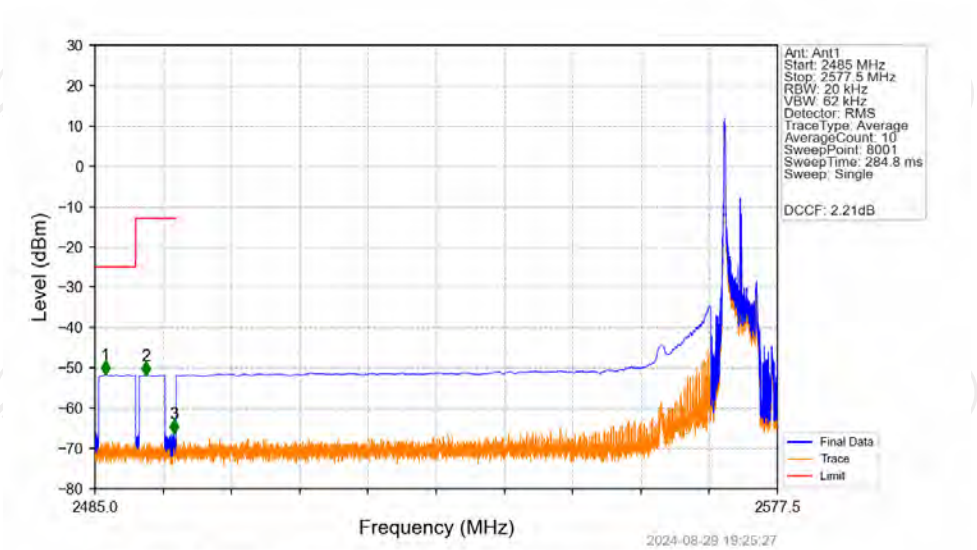
6.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

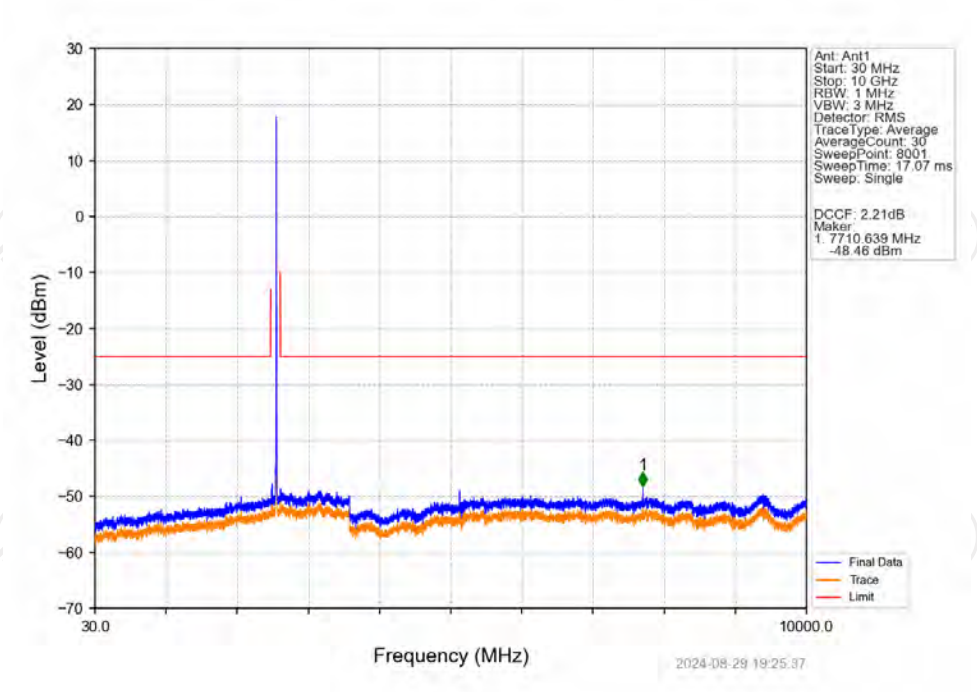
6.2.1 B38_5MHz

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

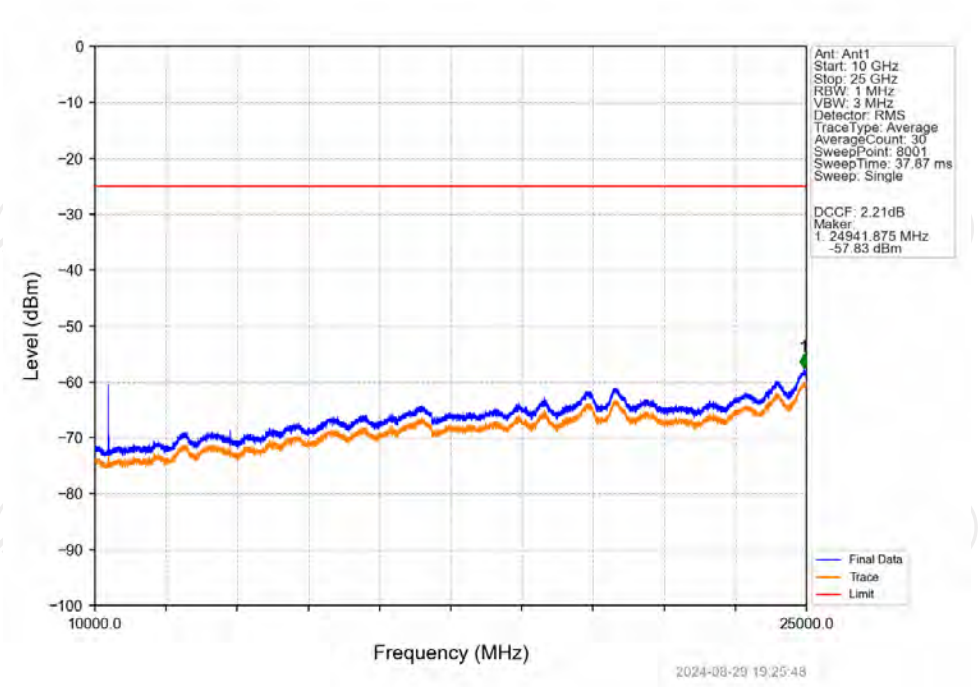


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.376	-51.73	25	Pass
2490.5	2495	1	CHP	2	2491.880	-51.80	-13	Pass
2495	2496	1	CHP	3	2495.672	-66.25	-13	Pass
2496	2577.5	0.02	/	/	/	/	/	/

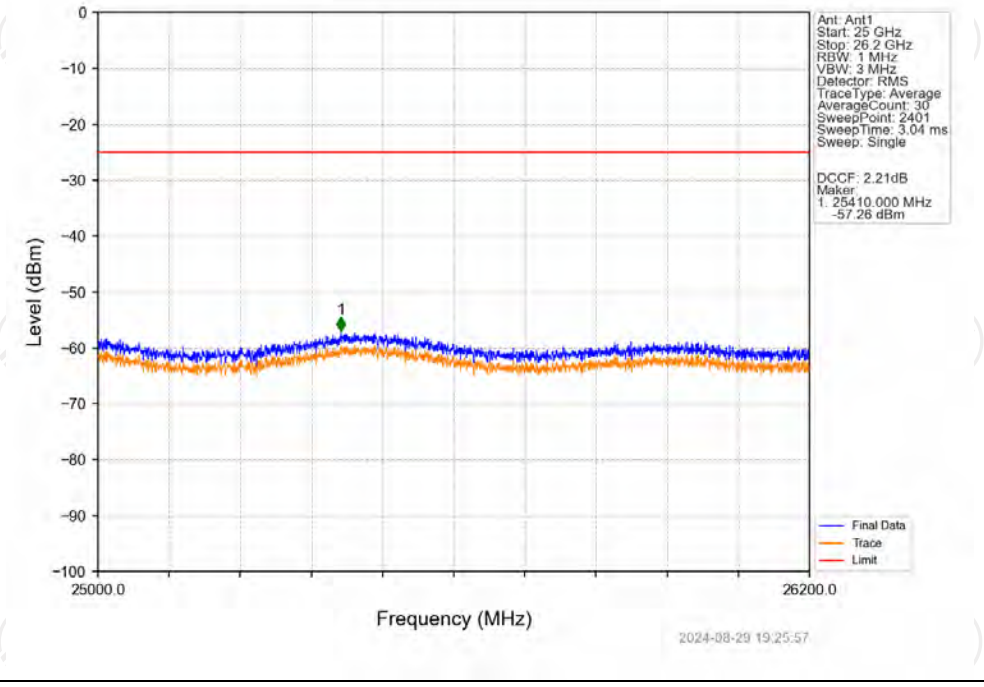
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



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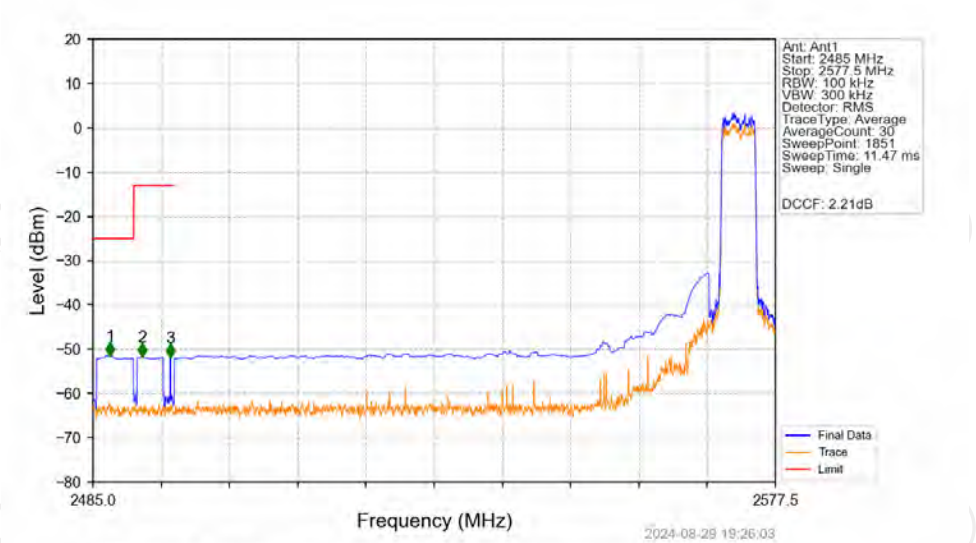
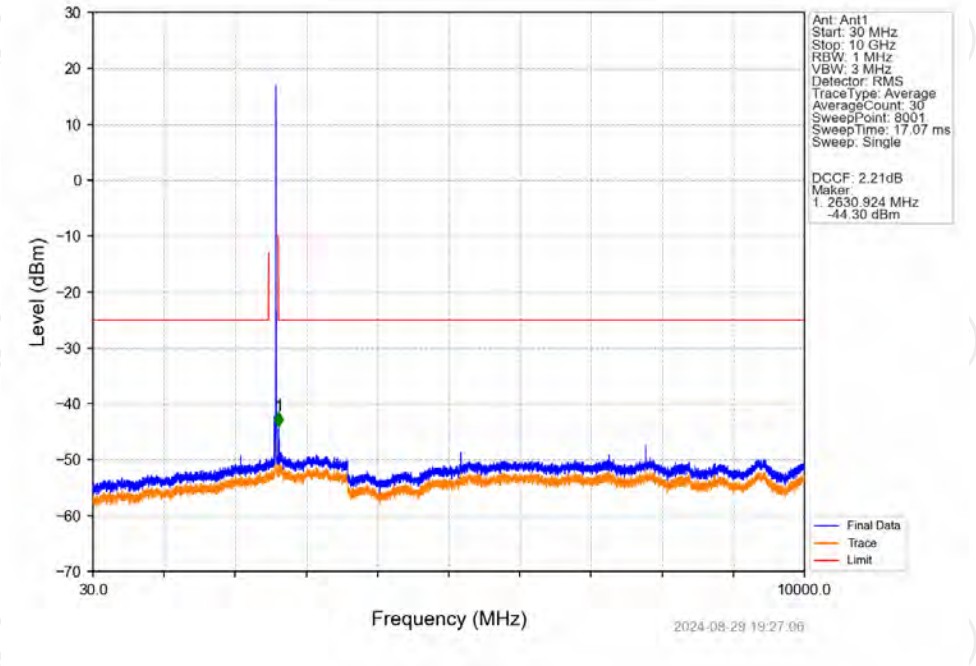
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

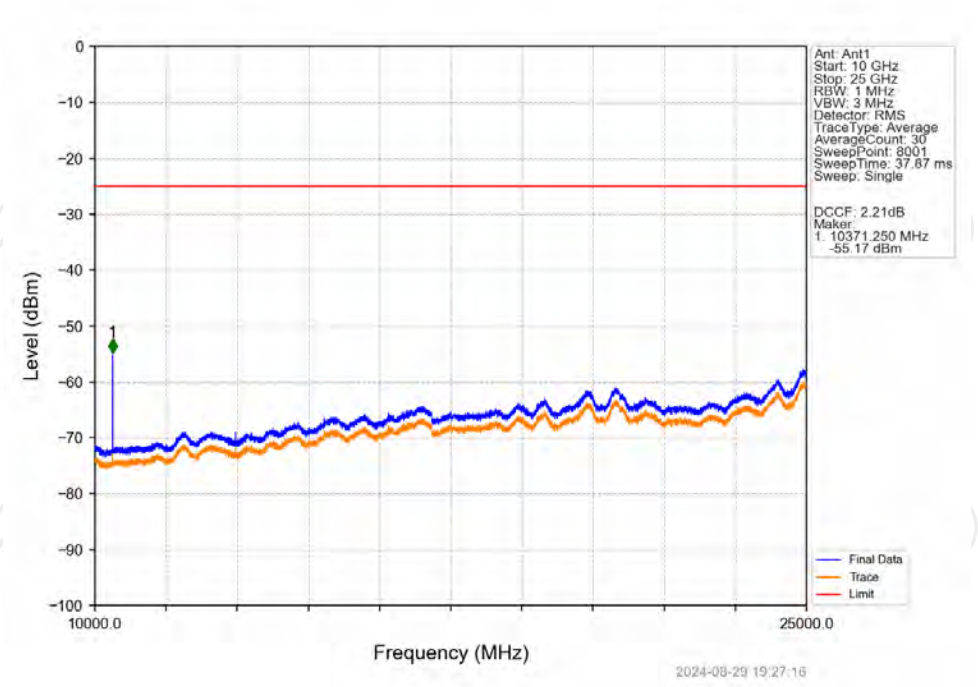


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.350	-51.47	25	Pass
2490.5	2495	1	CHP	2	2491.700	-51.76	-13	Pass
2495	2496	1	CHP	3	2495.500	-51.95	-13	Pass
2496	2577.5	0.1	/	/	/	/	/	/

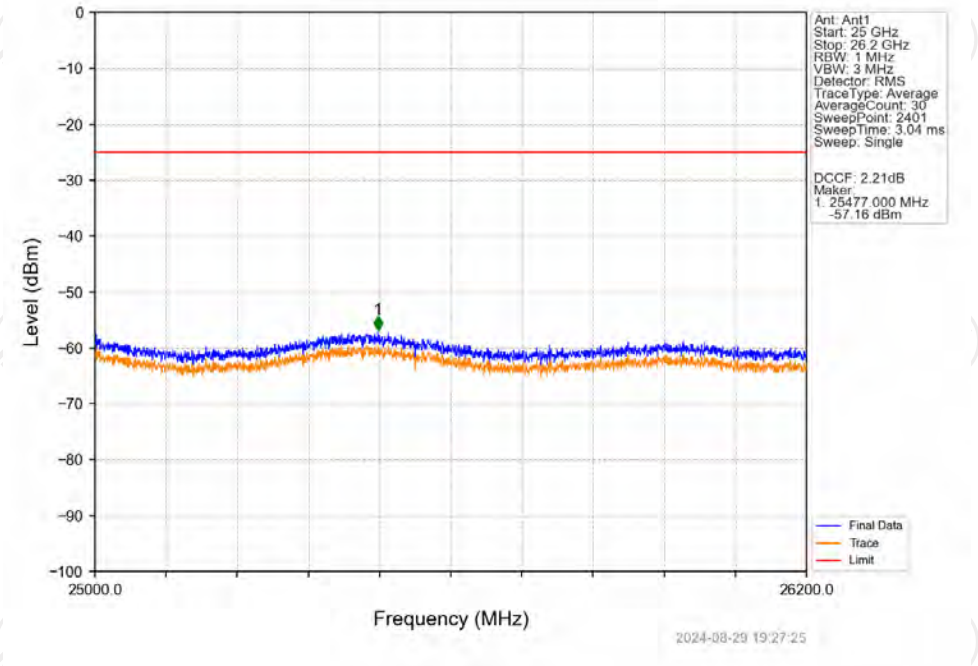
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



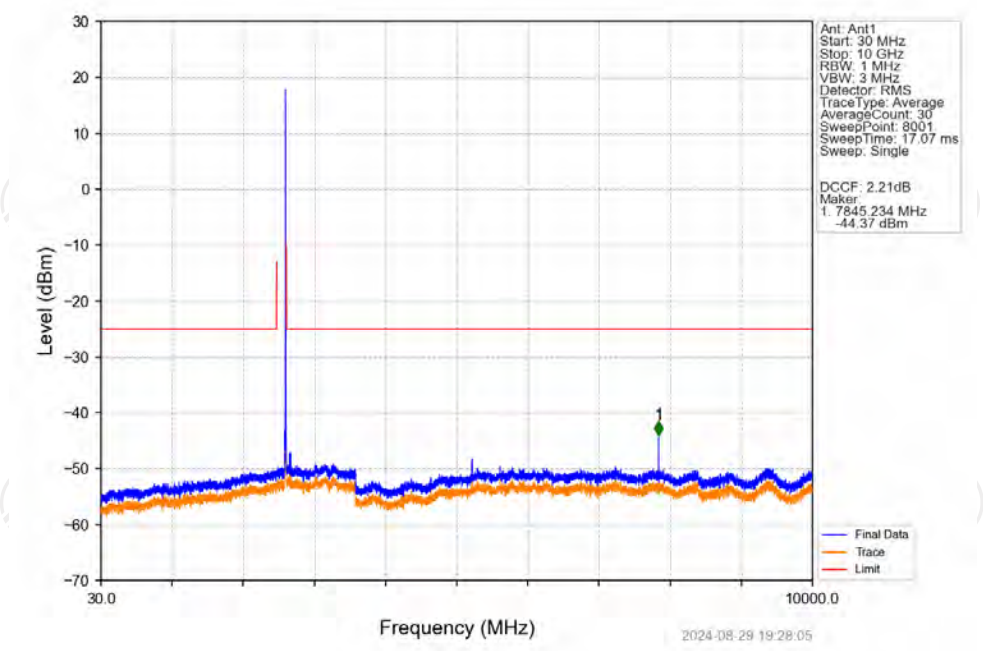
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



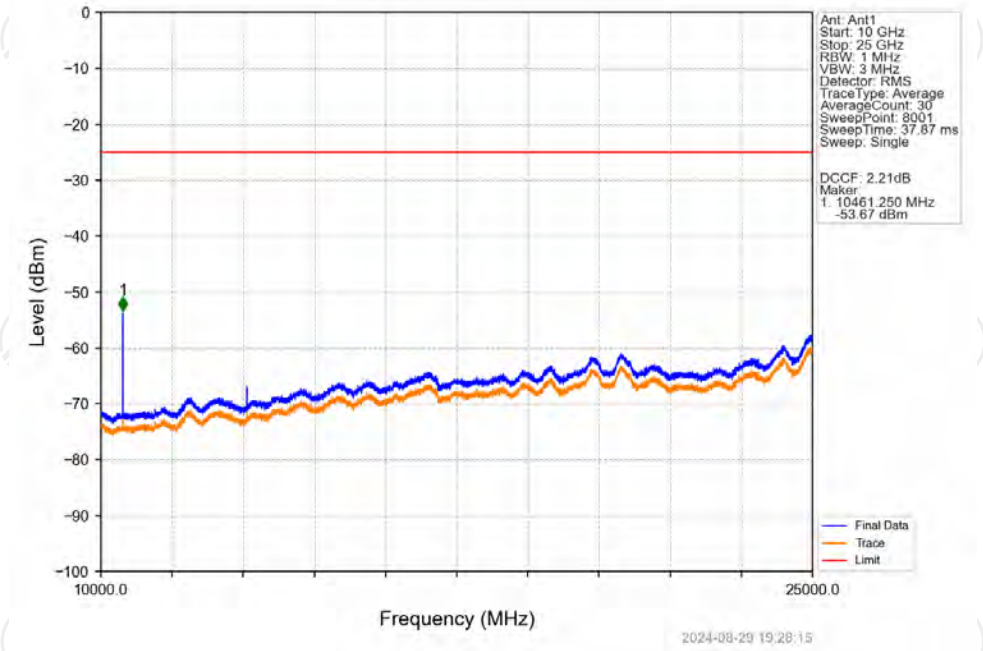
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



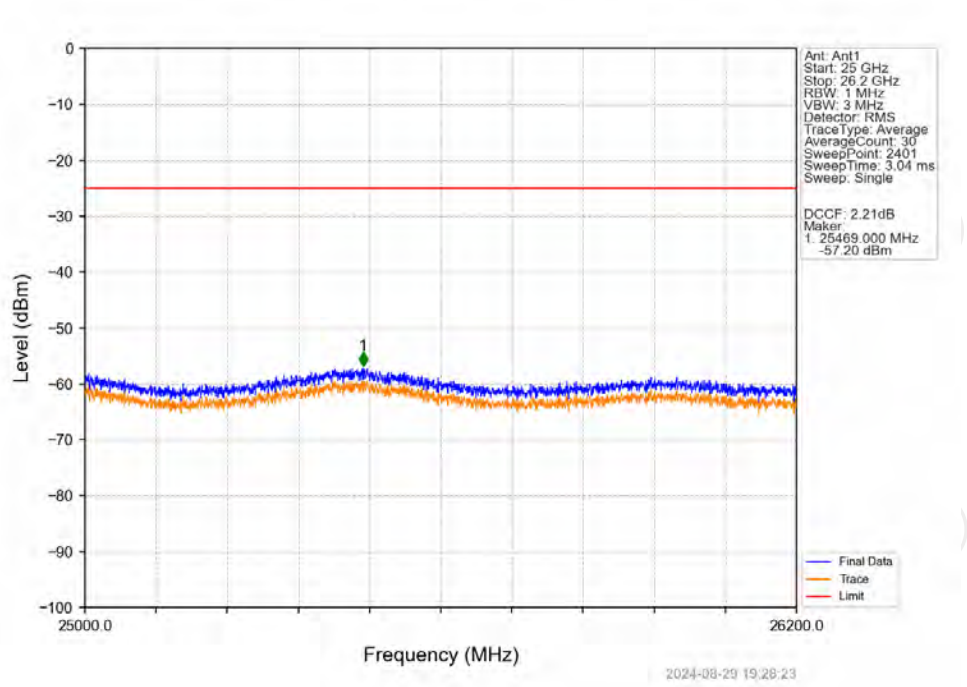
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



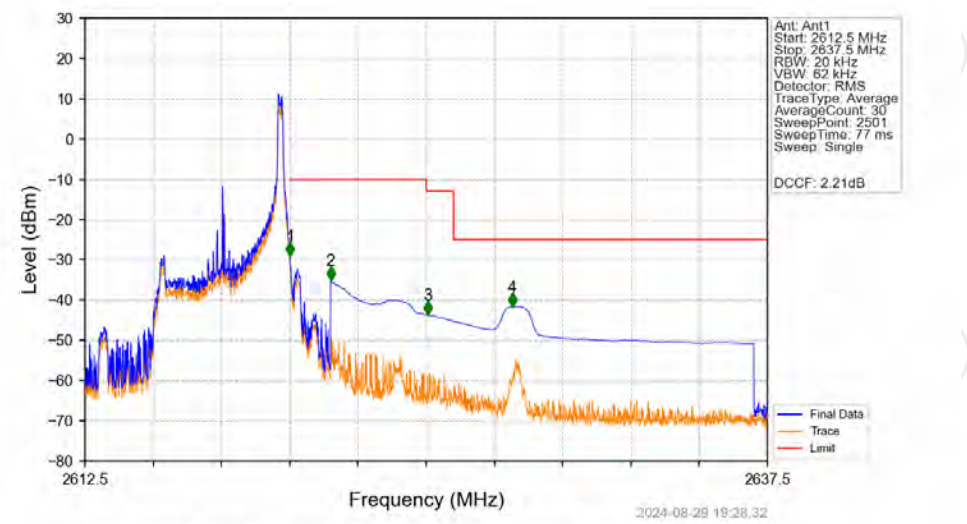
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

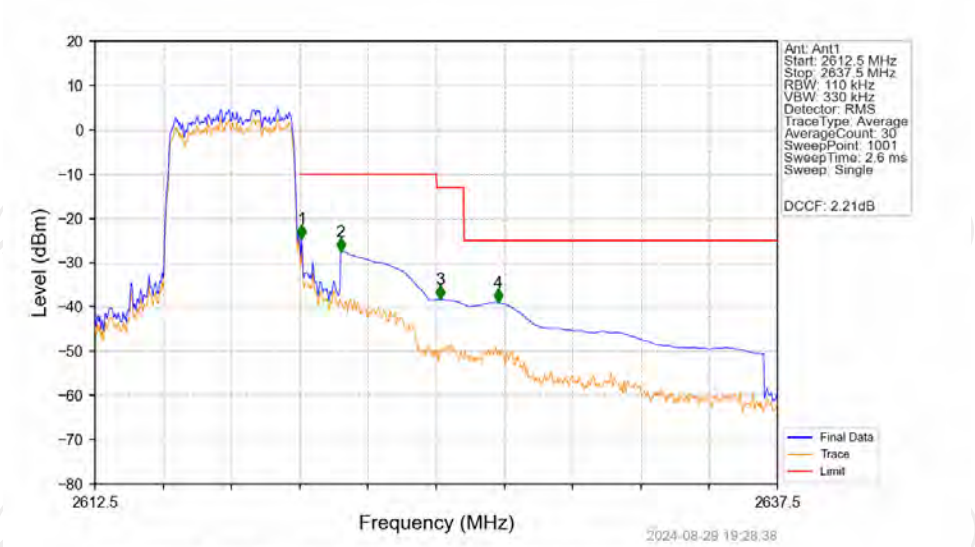


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



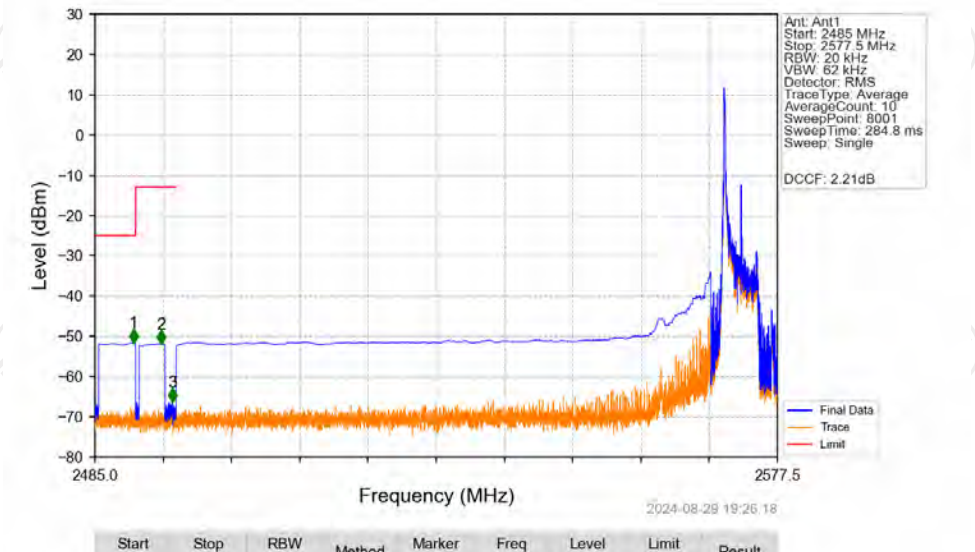
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-28.99	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.05	-10	Pass
2625	2626	1	CHP	3	2625.050	-43.62	-13	Pass
2626	2637.5	1	CHP	4	2628.160	-41.63	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.11	/	/	/	/	/	/
2620	2621	0.11	/	1	2620.075	-24.64	-10	Pass
2621	2625	1	CHP	2	2621.500	-27.56	-10	Pass
2625	2626	1	CHP	3	2625.150	-38.29	-13	Pass
2626	2637.5	1	CHP	4	2627.275	-38.99	-25	Pass

Band38_5MHz_16QAM_LCH_2572.5MHz_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	2490.238	-51.59	-25	Pass
2490.5	2495	1	CHP	2	2493.972	-51.85	-13	Pass
2495	2496	1	CHP	3	2495.476	-66.41	-13	Pass
2496	2577.5	0.02	/	/	/	/	/	/

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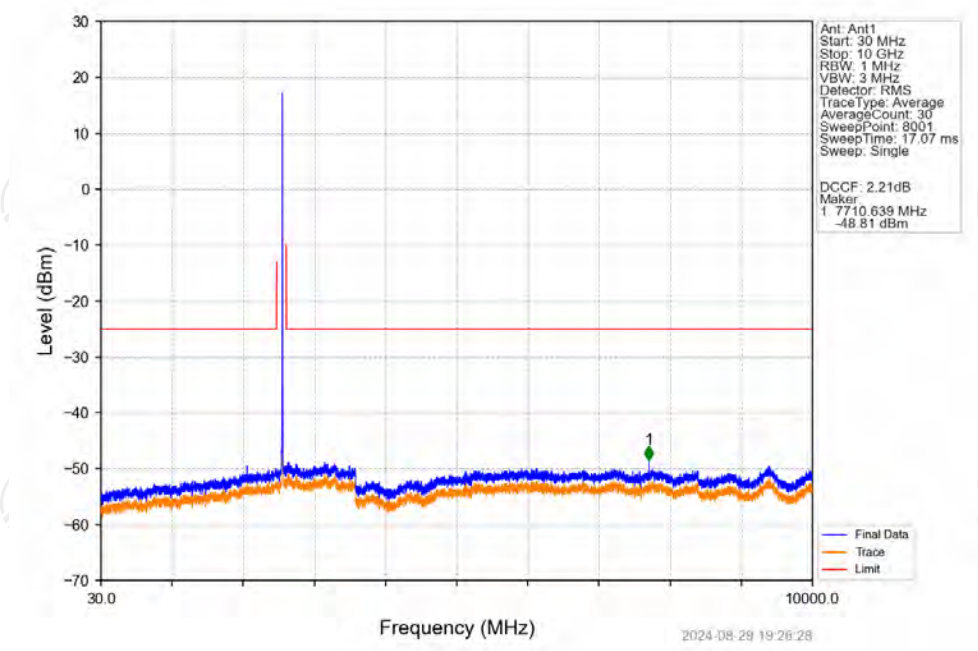
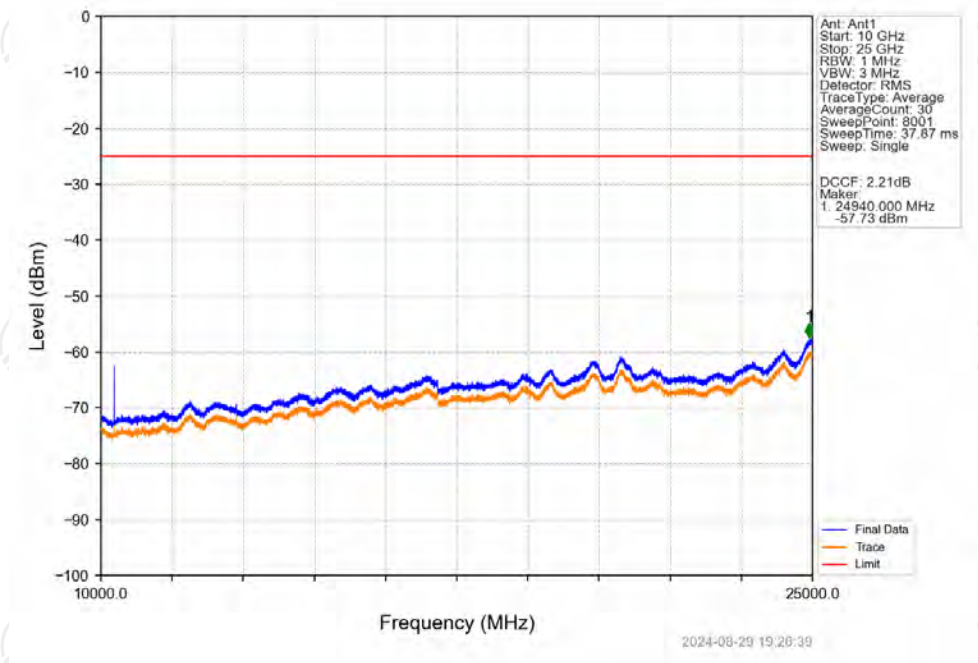
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



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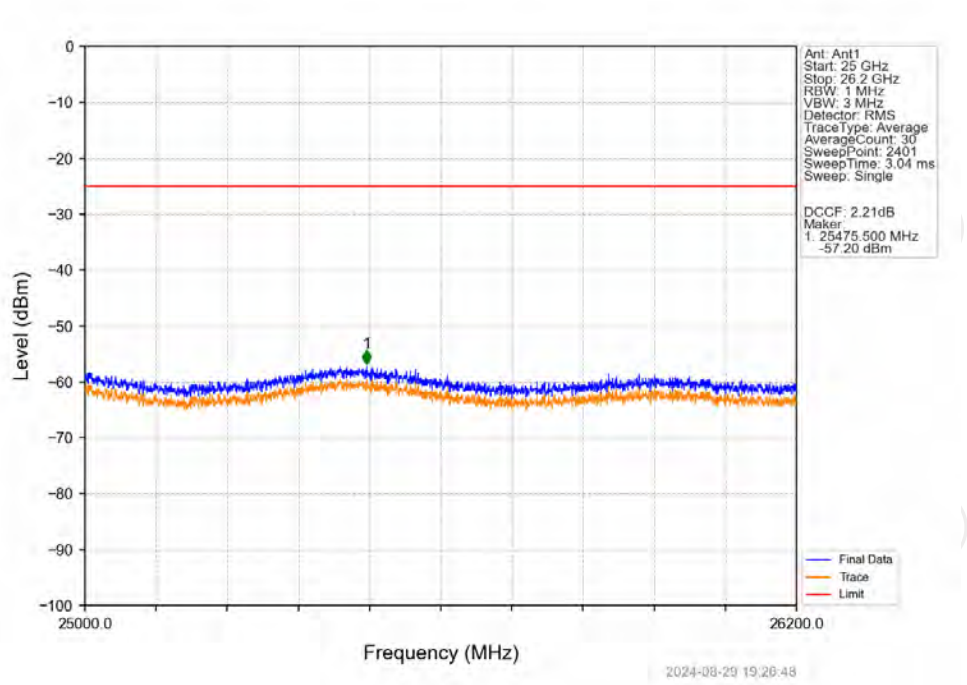
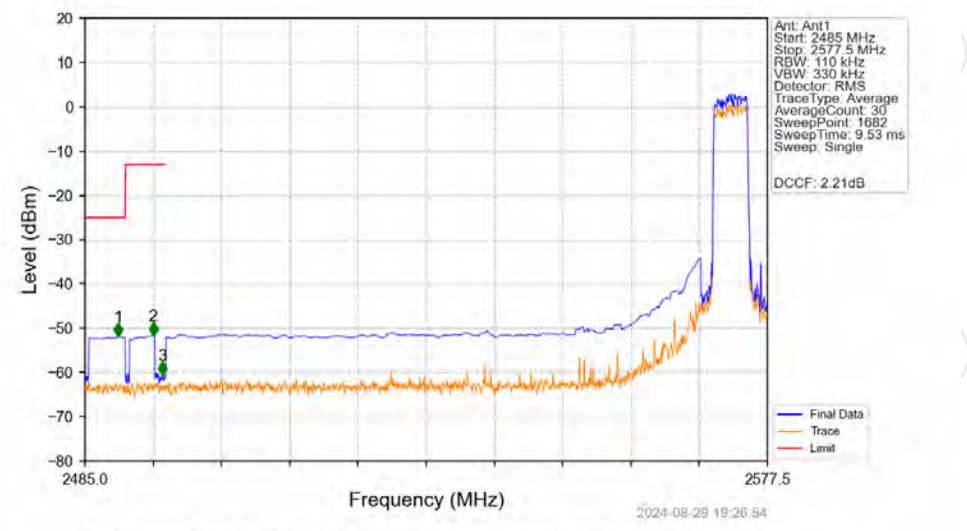
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.512	-51.92	-25	Pass
2490.5	2495	1	CHP	2	2494.244	-51.66	-13	Pass
2495	2496	1	CHP	3	2495.510	-60.64	-13	Pass
2496	2577.5	0.11	/	/	/	/	/	/

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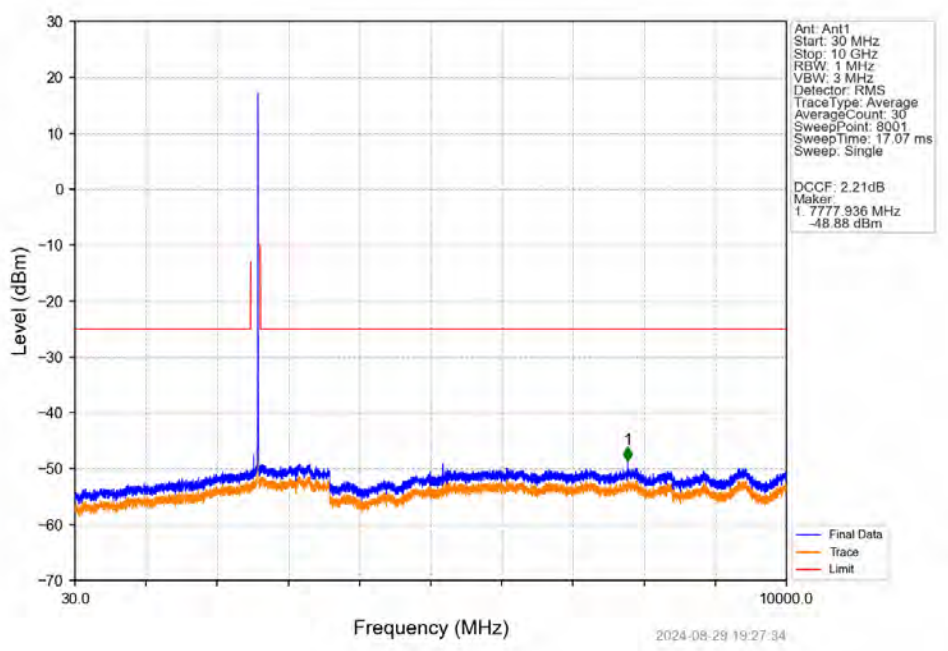
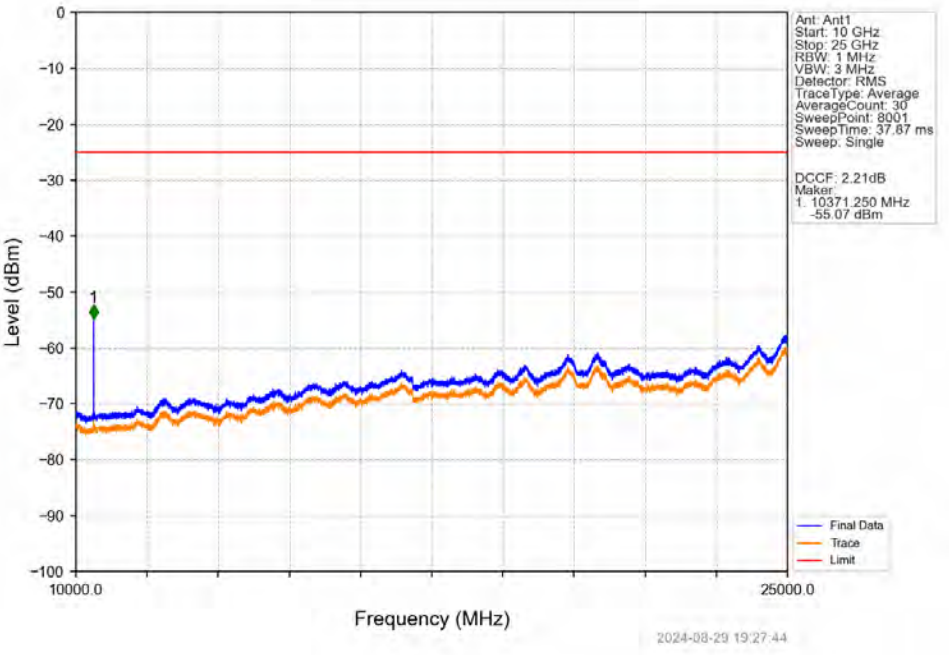
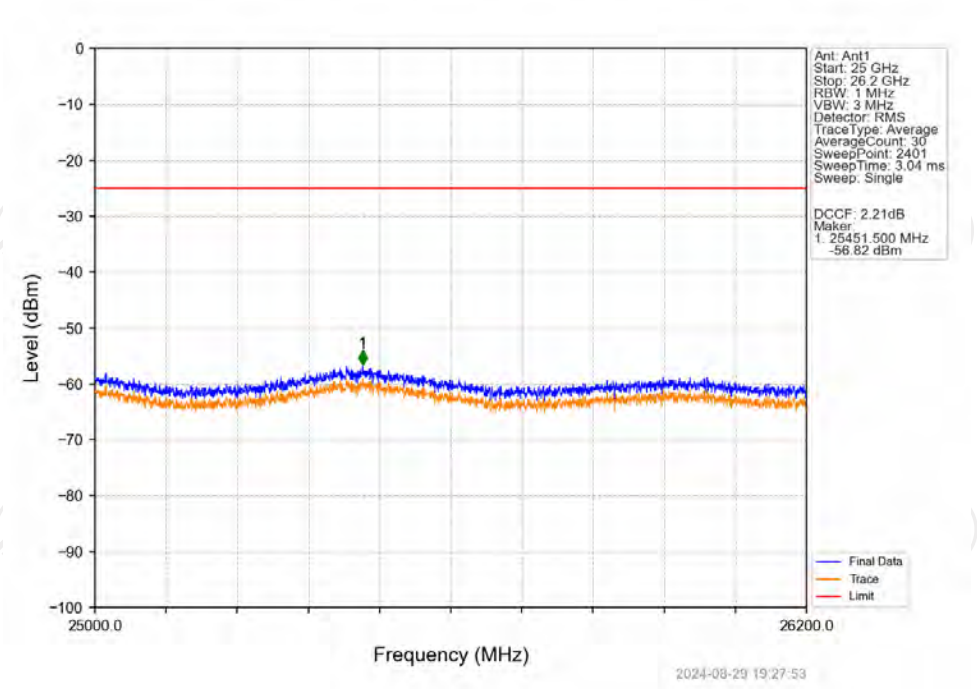
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



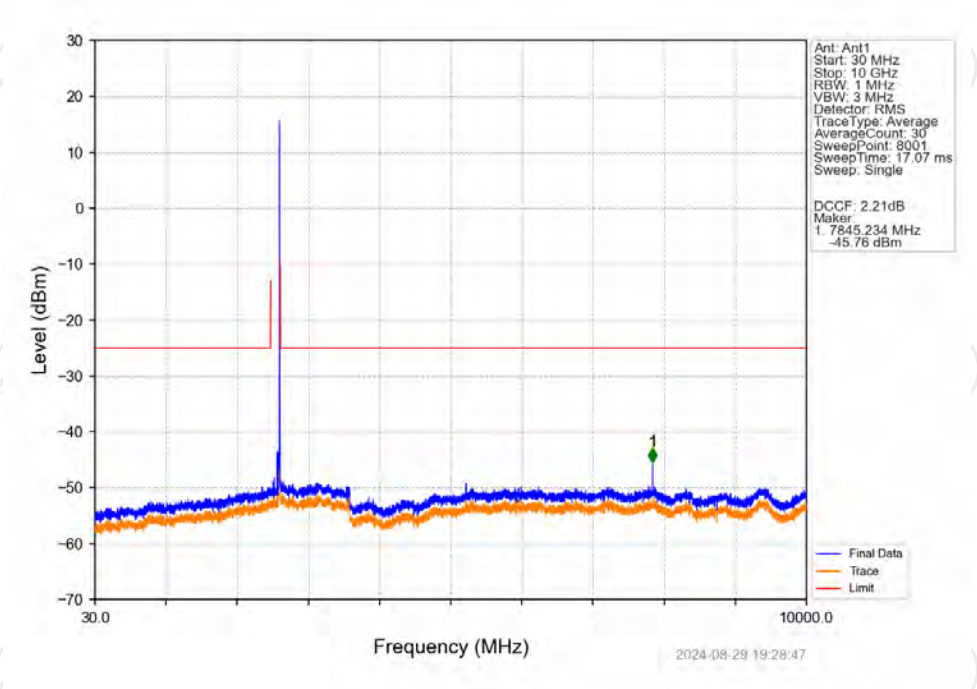
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



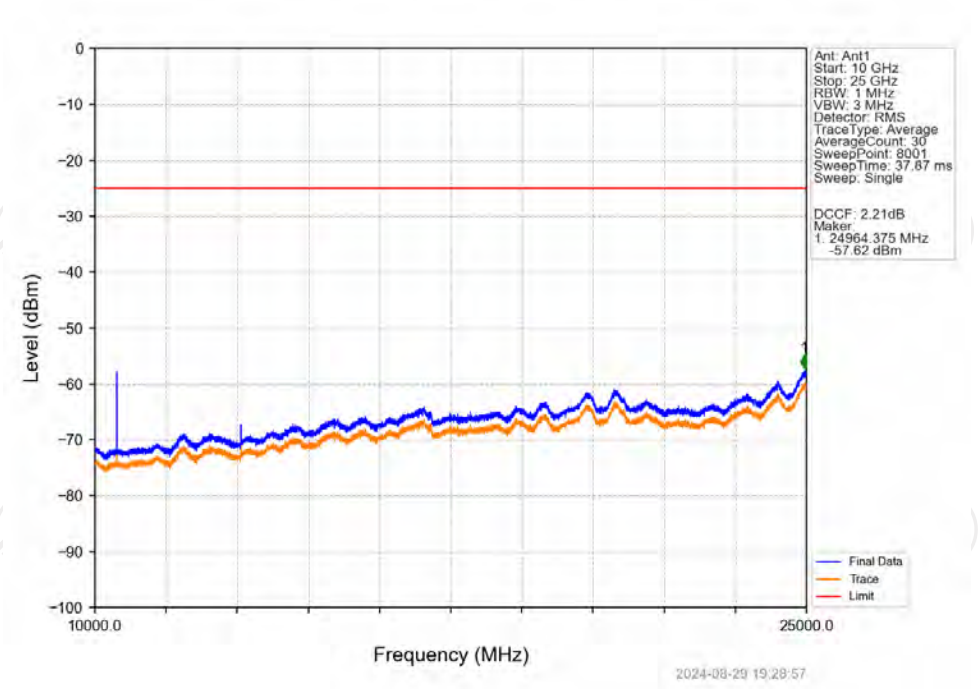
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



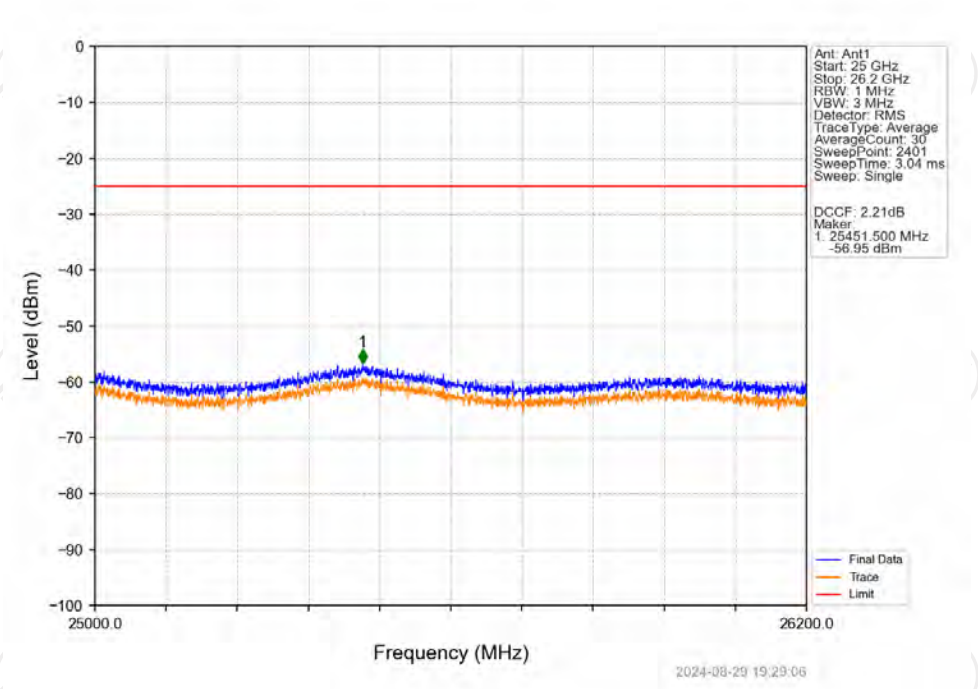
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



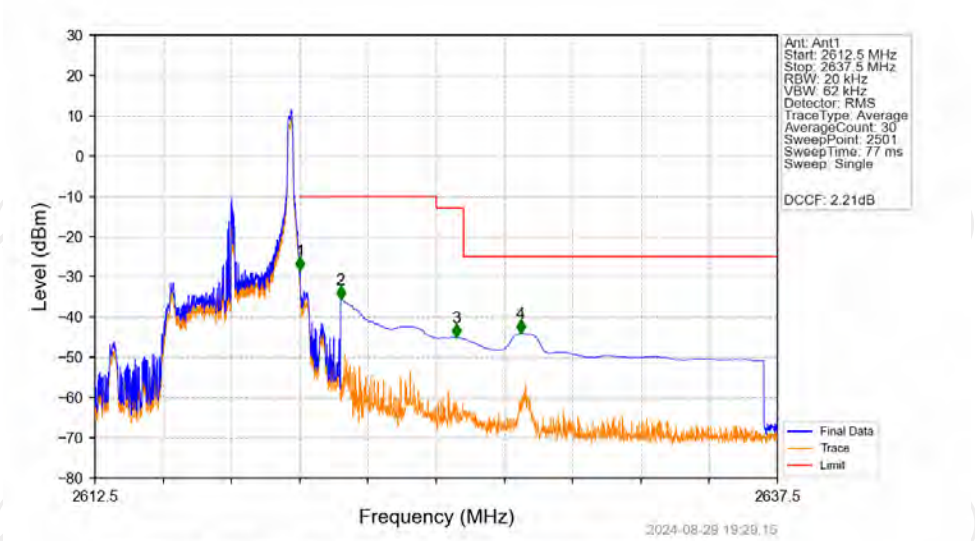
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV

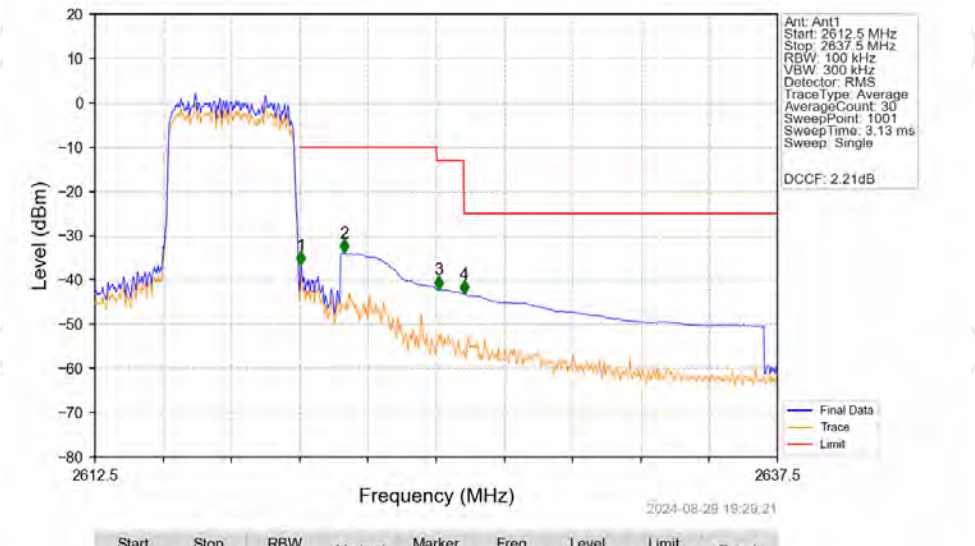


Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-28.36	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.61	-10	Pass
2625	2626	1	CHP	3	2625.730	-45.07	-13	Pass
2626	2637.5	1	CHP	4	2628.090	-44.12	-25	Pass

Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.1	/	/	/	/	/	/
2620	2621	0.1	/	1	2620.050	-36.52	-10	Pass
2621	2625	1	CHP	2	2621.625	-33.94	-10	Pass
2625	2626	1	CHP	3	2625.100	-42.15	-13	Pass
2626	2637.5	1	CHP	4	2626.025	-43.15	-25	Pass

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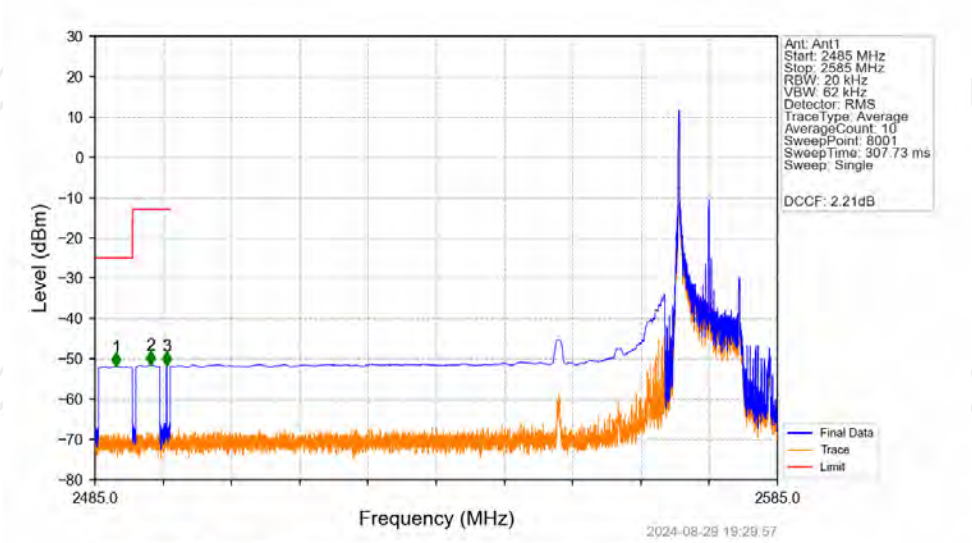
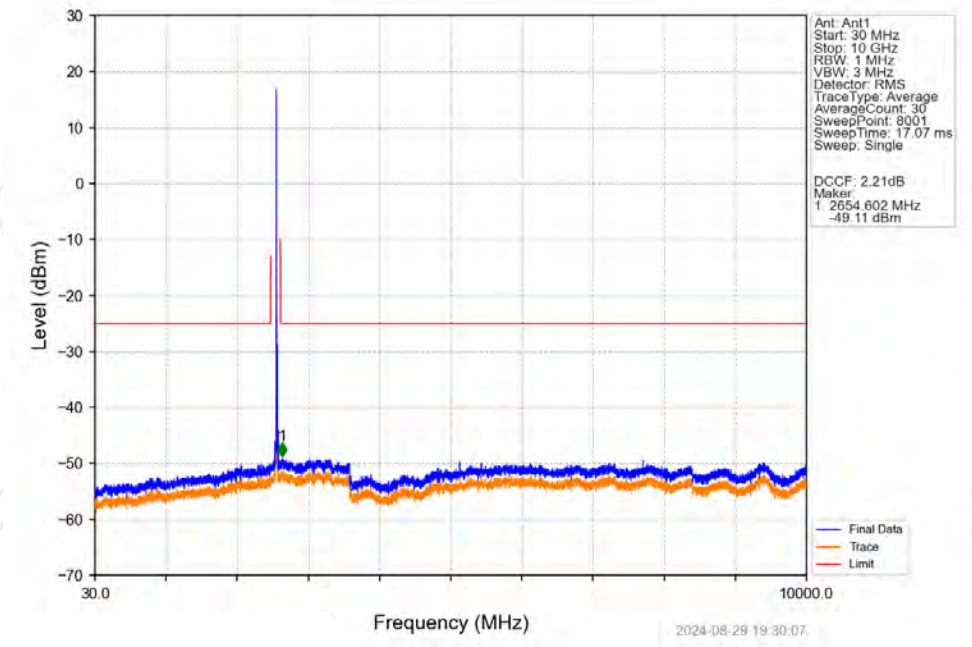
6.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_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	2488.113	-51.81	-25	Pass
2490.5	2495	1	CHP	2	2493.125	-51.47	-13	Pass
2495	2496	1	CHP	3	2495.500	-51.62	-13	Pass
2496	2585	0.02	/	/	/	/	/	/

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



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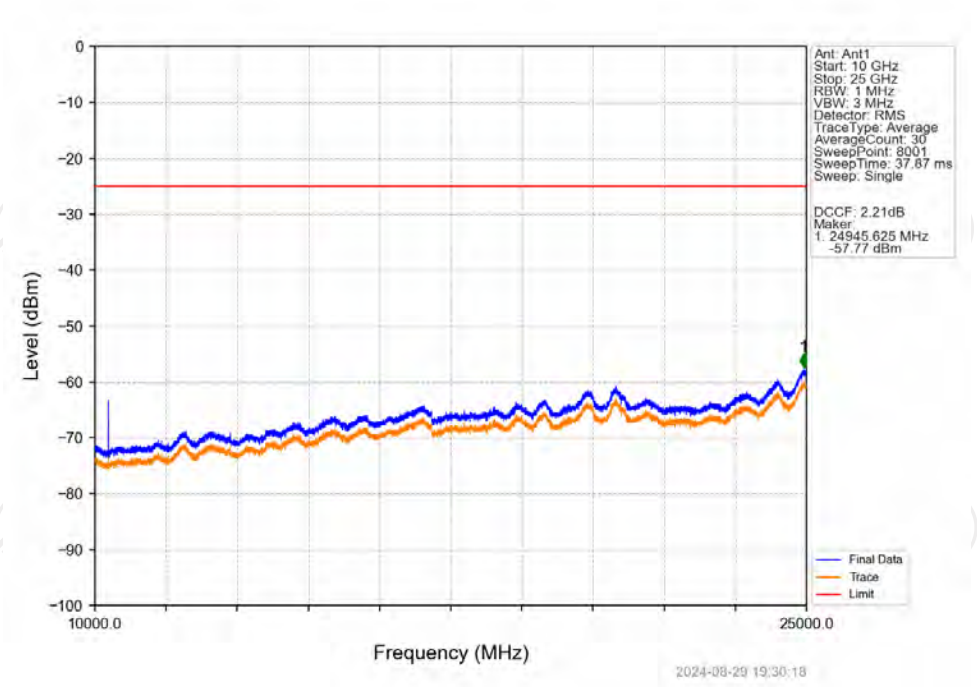
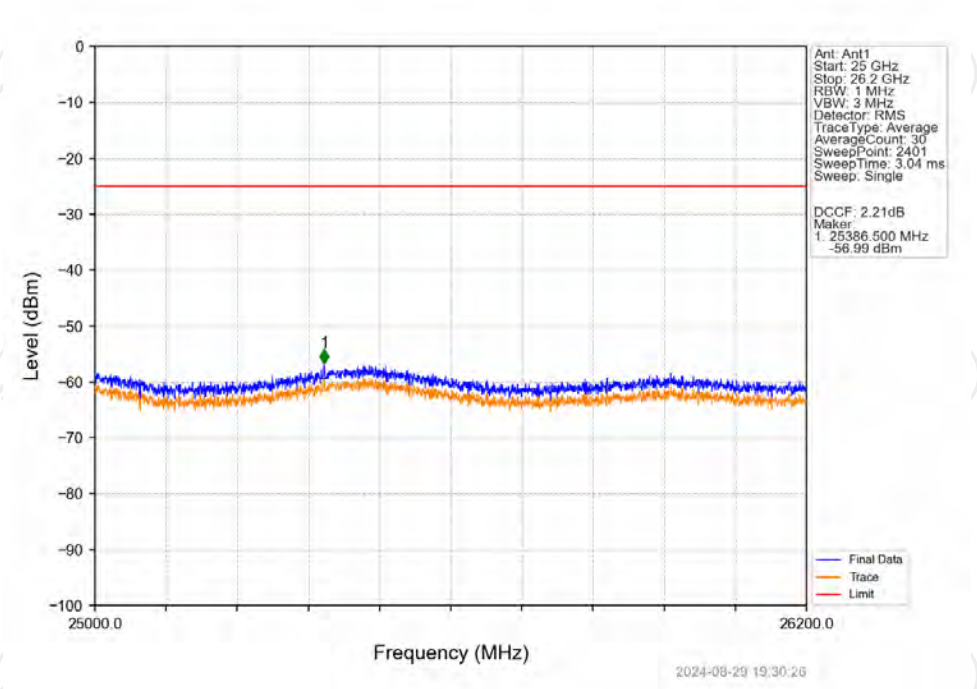
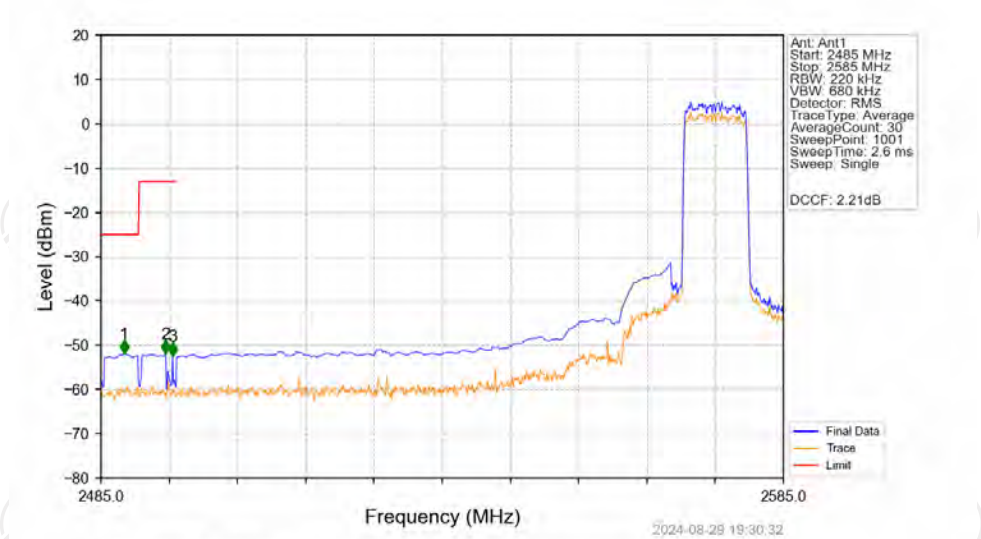
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

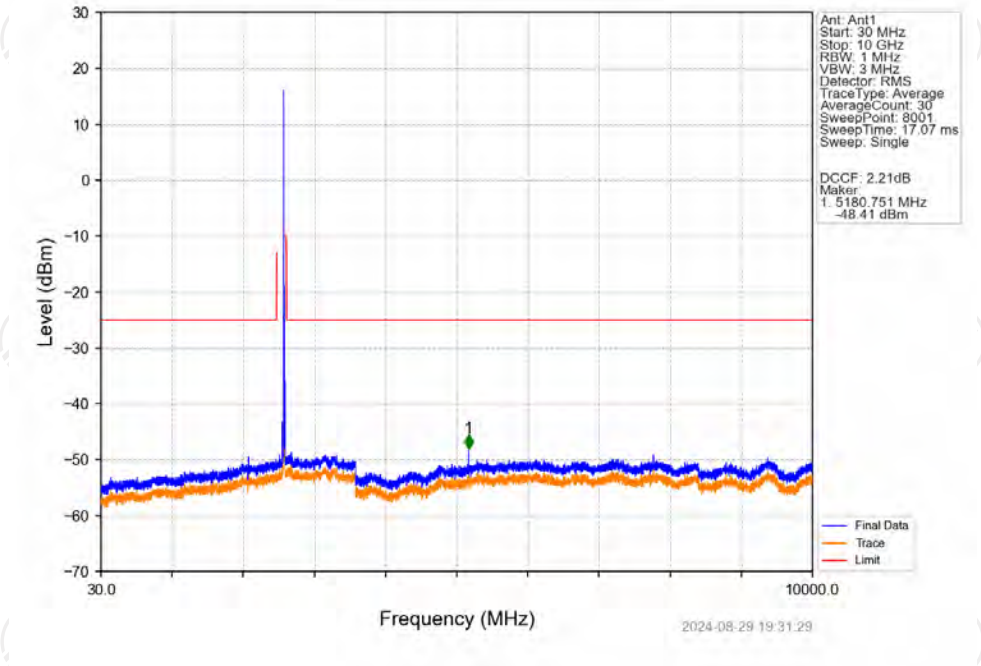


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.400	-51.96	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-51.93	-13	Pass
2495	2496	1	CHP	3	2495.500	-52.43	-13	Pass
2496	2585	0.22	/	/	/	/	/	/

Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



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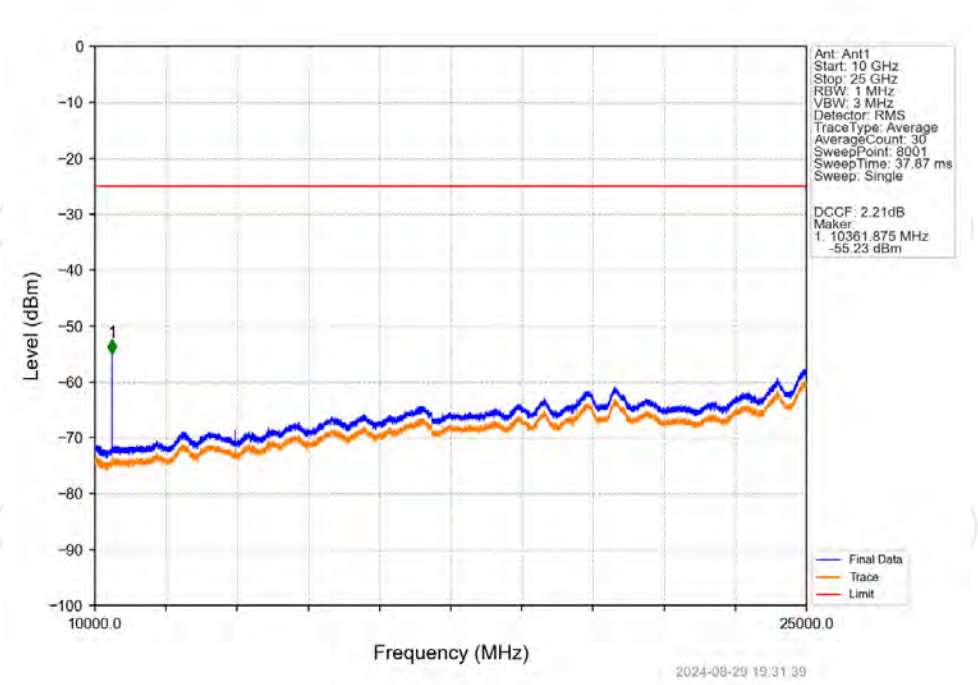
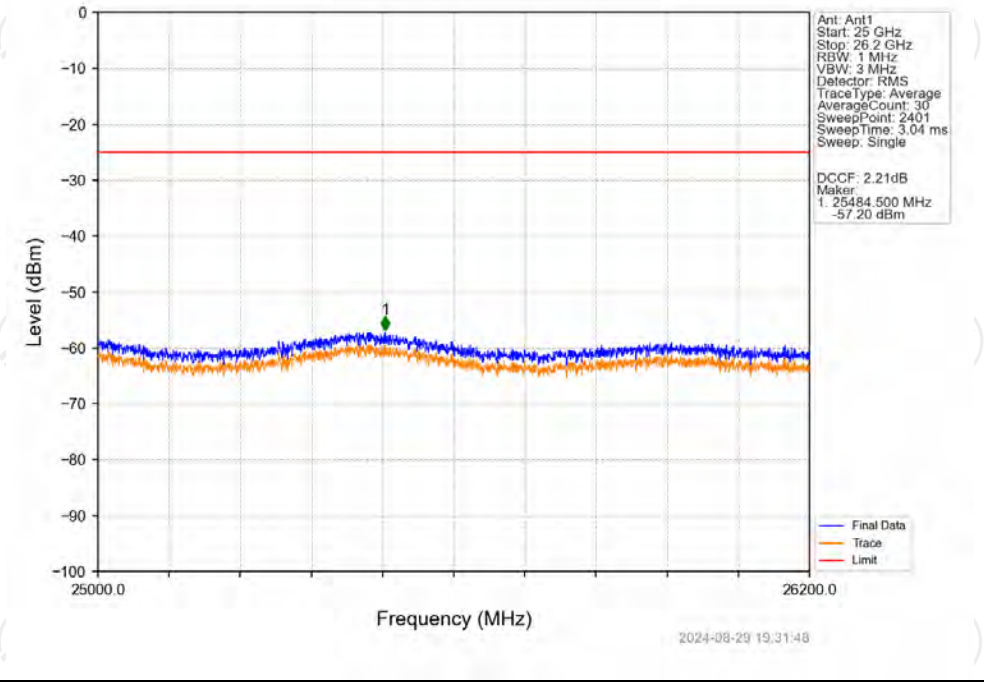
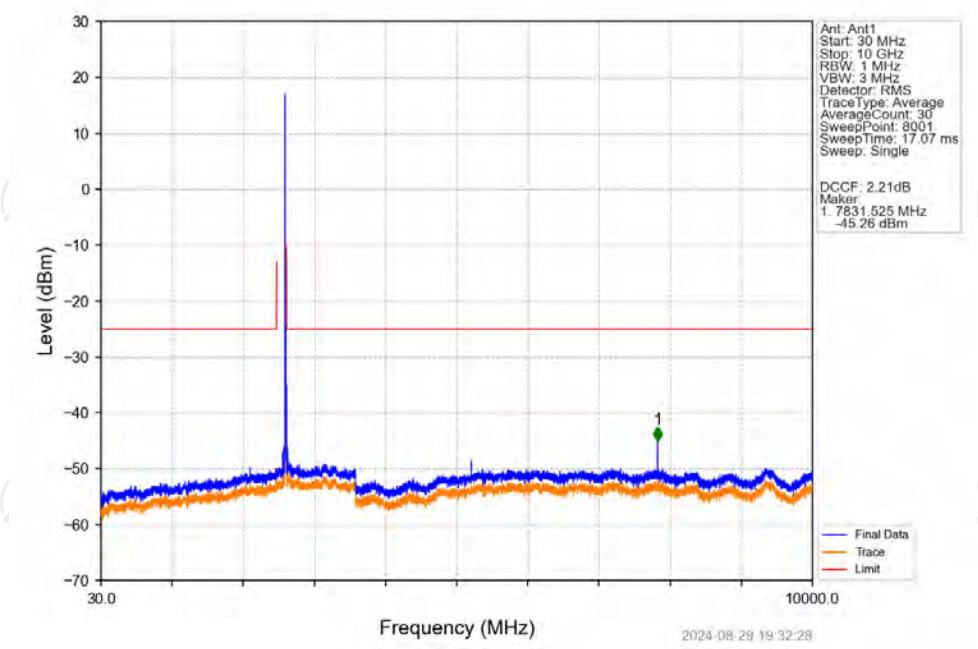
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



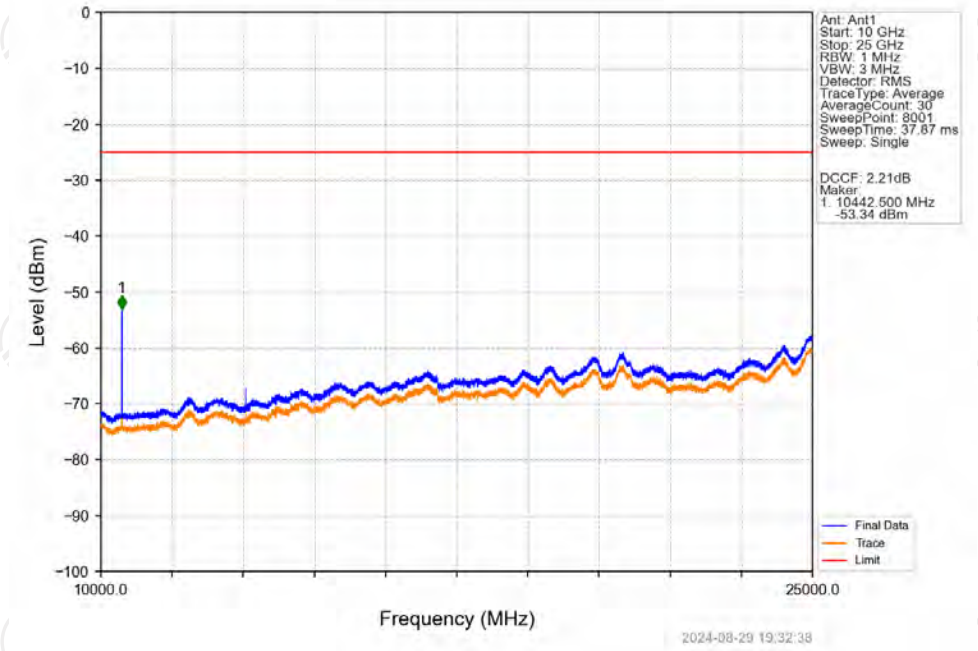
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



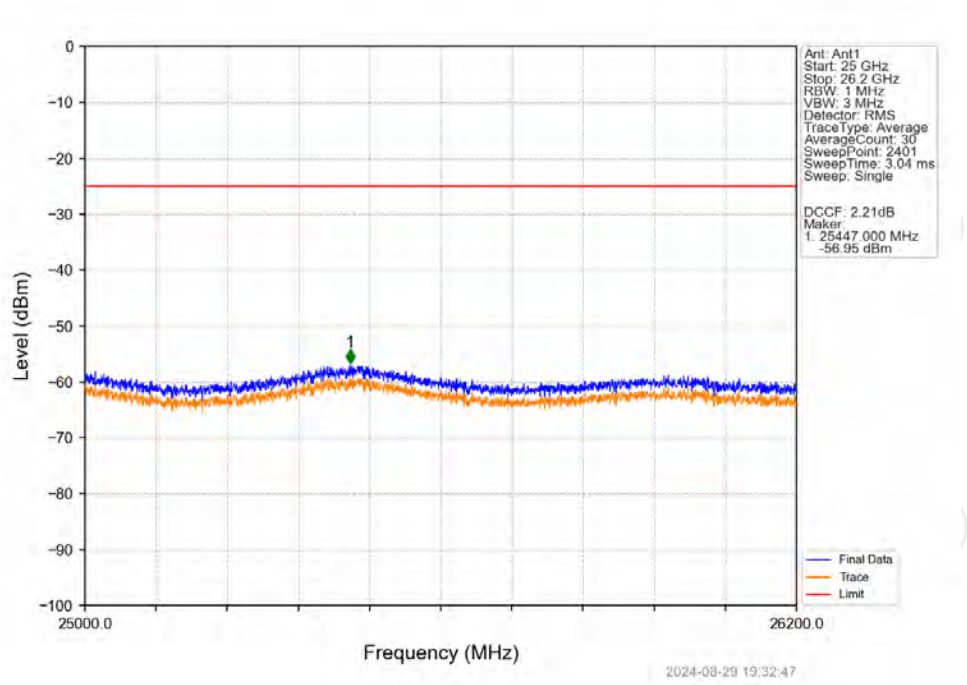
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



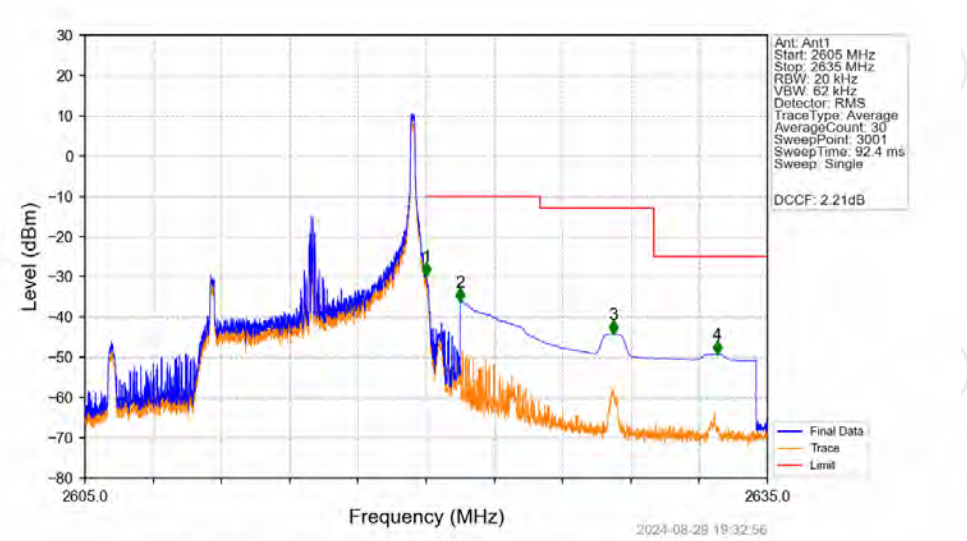
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-29.85	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.18	-10	Pass
2625	2630	1	CHP	3	2628.210	-44.24	-13	Pass
2630	2635	1	CHP	4	2632.790	-49.23	-25	Pass

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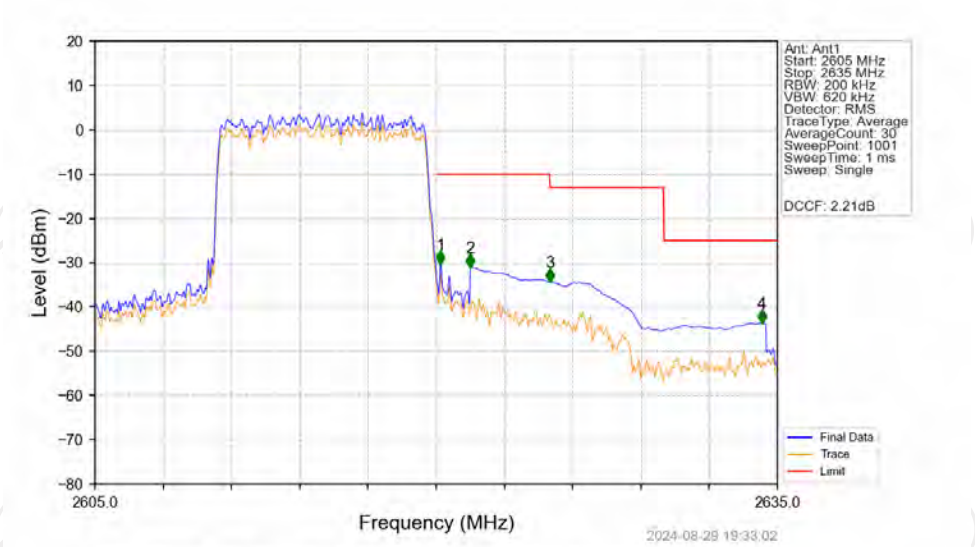
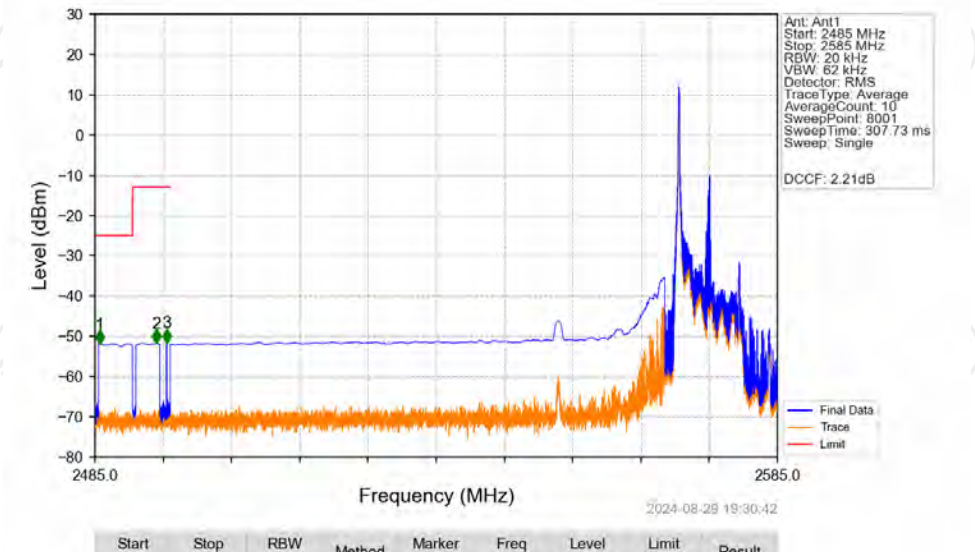
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.2	/	/	/	/	/	/
2620	2621	0.2	/	1	2620.180	-30.35	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.09	-10	Pass
2625	2630	1	CHP	3	2625.010	-34.45	-13	Pass
2630	2635	1	CHP	4	2634.310	-43.63	-25	Pass

Band38_10MHz_16QAM_LCH_2575MHz_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	2485.675	-51.80	-25	Pass
2490.5	2495	1	CHP	2	2494.037	-51.70	-13	Pass
2495	2496	1	CHP	3	2495.500	-51.59	-13	Pass
2496	2585	0.02	/	/	/	/	/	/

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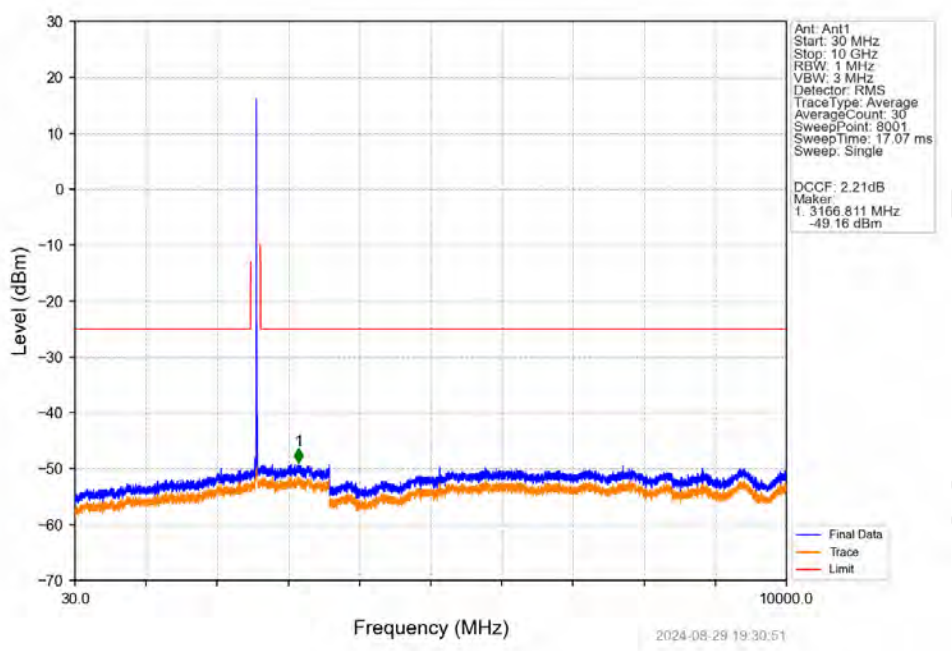
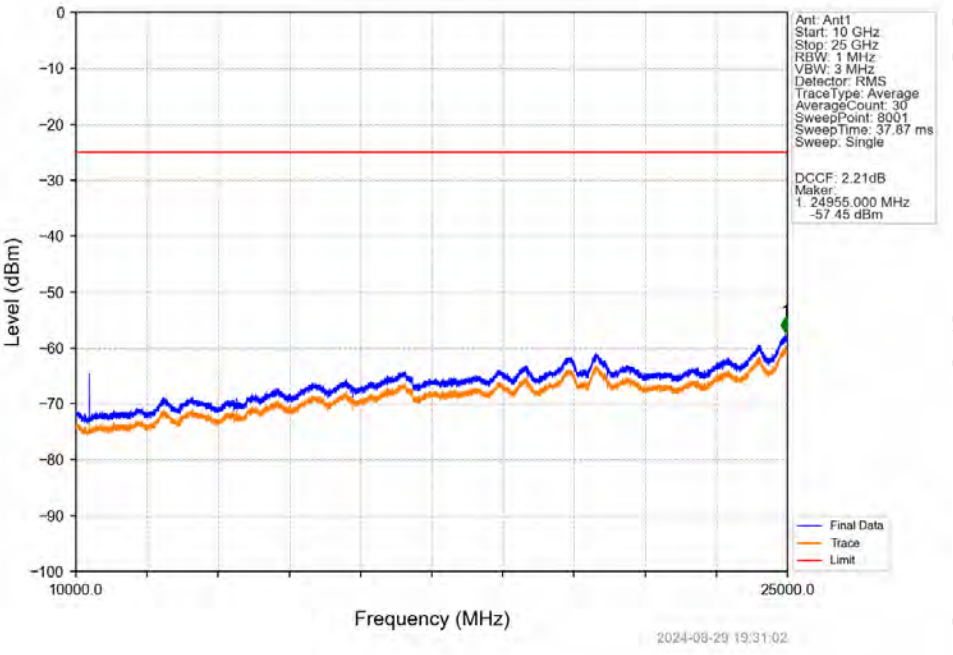
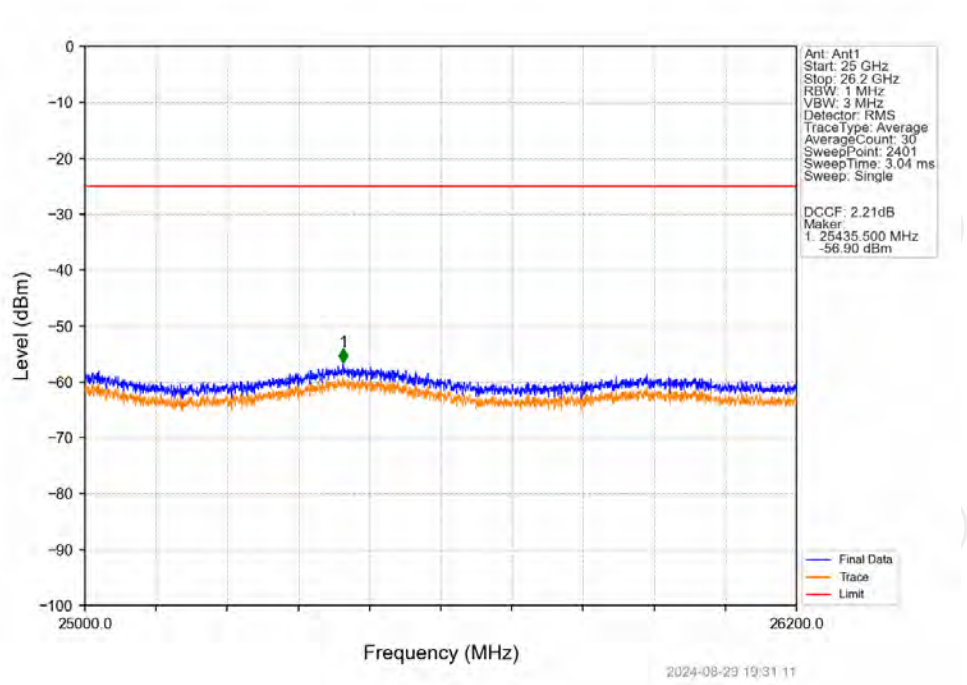
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



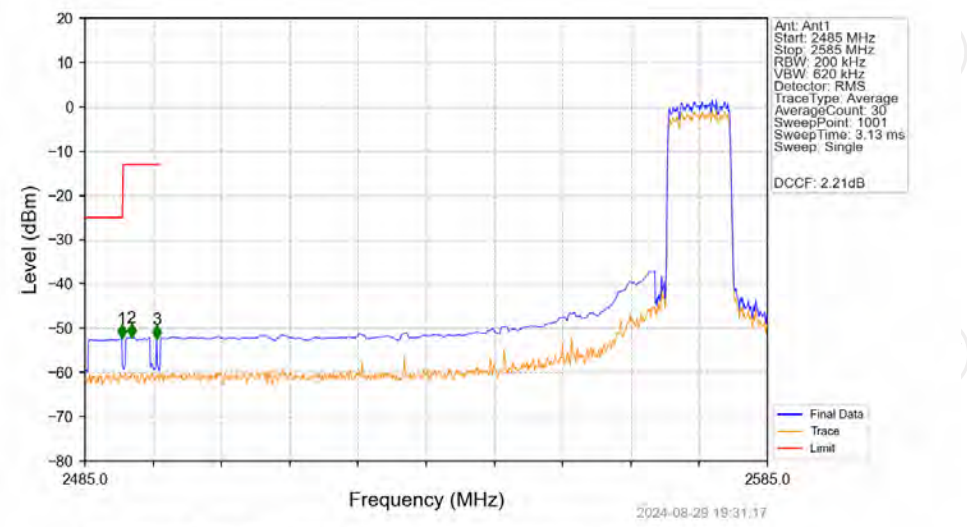
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_LCH_2575MHz_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	2490.400	-52.22	-25	Pass
2490.5	2495	1	CHP	2	2491.800	-52.05	-13	Pass
2495	2496	1	CHP	3	2495.500	-52.40	-13	Pass
2496	2585	0.2	/	/	/	/	/	/

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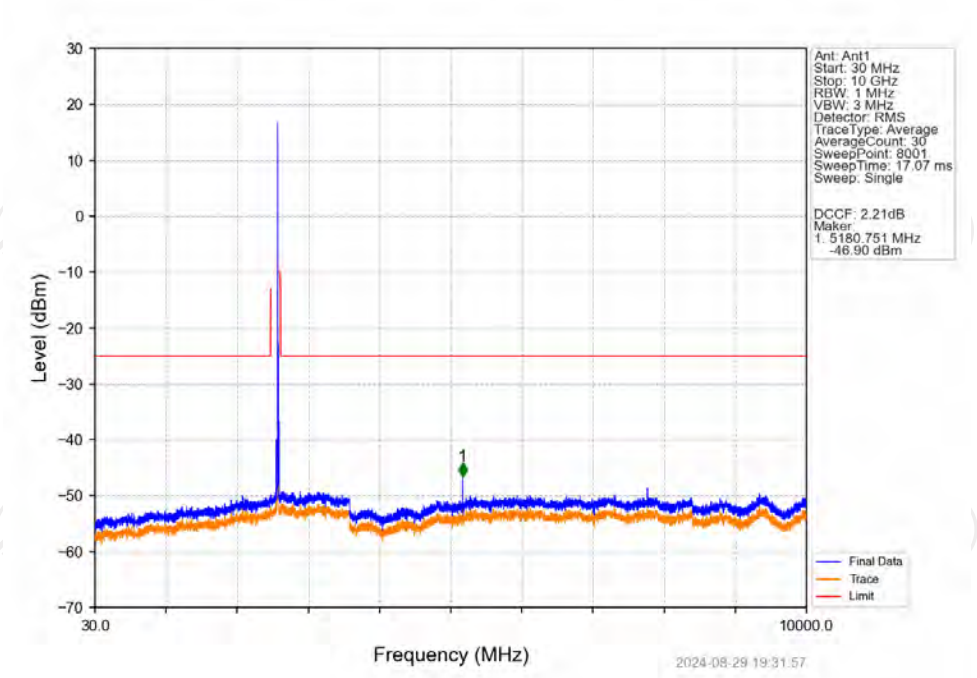
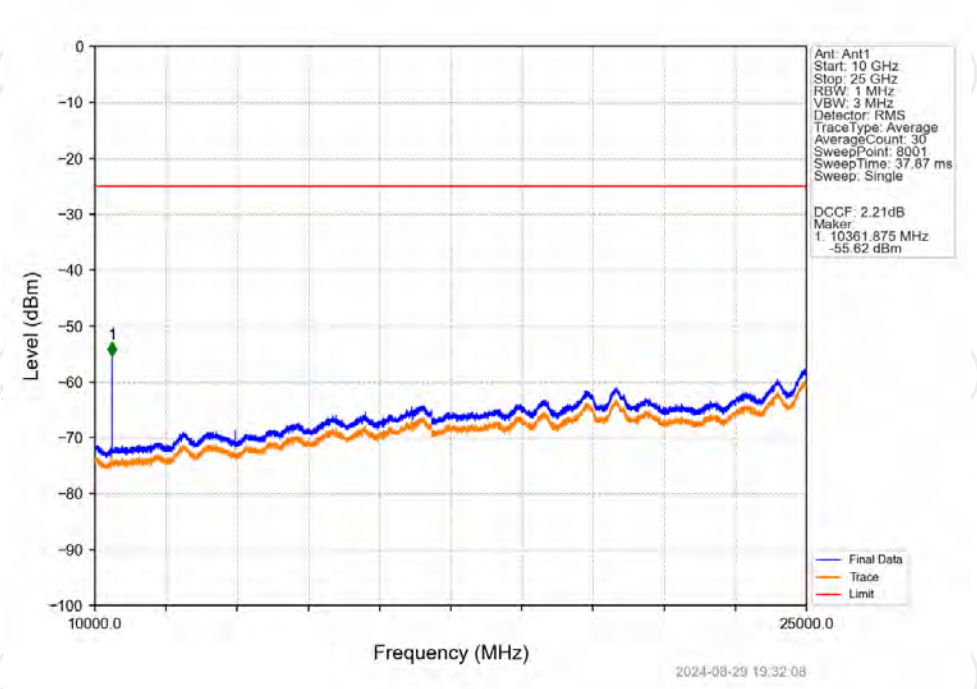
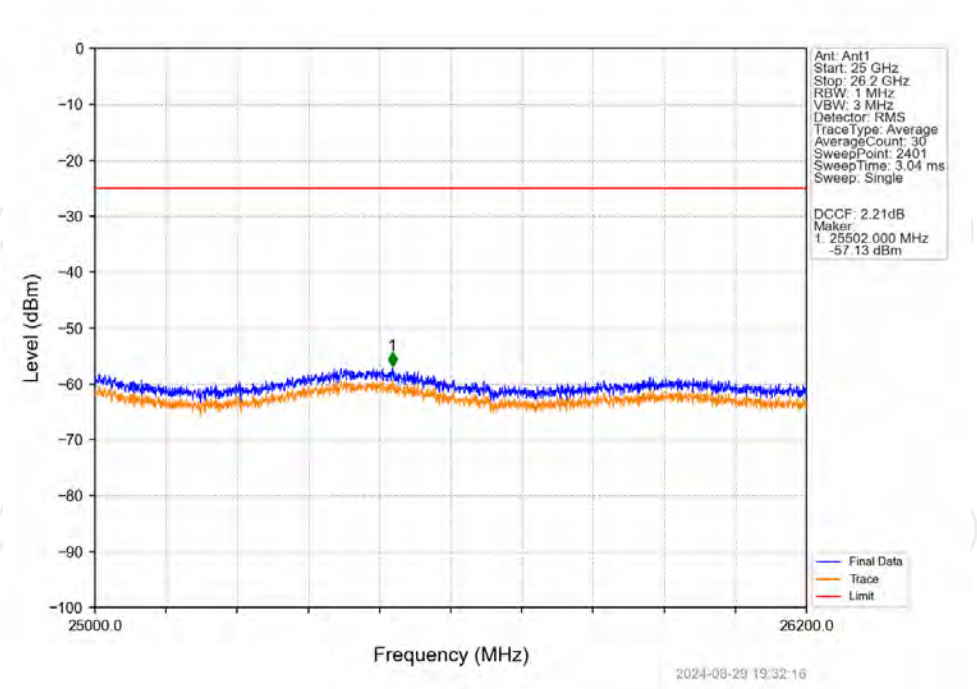
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



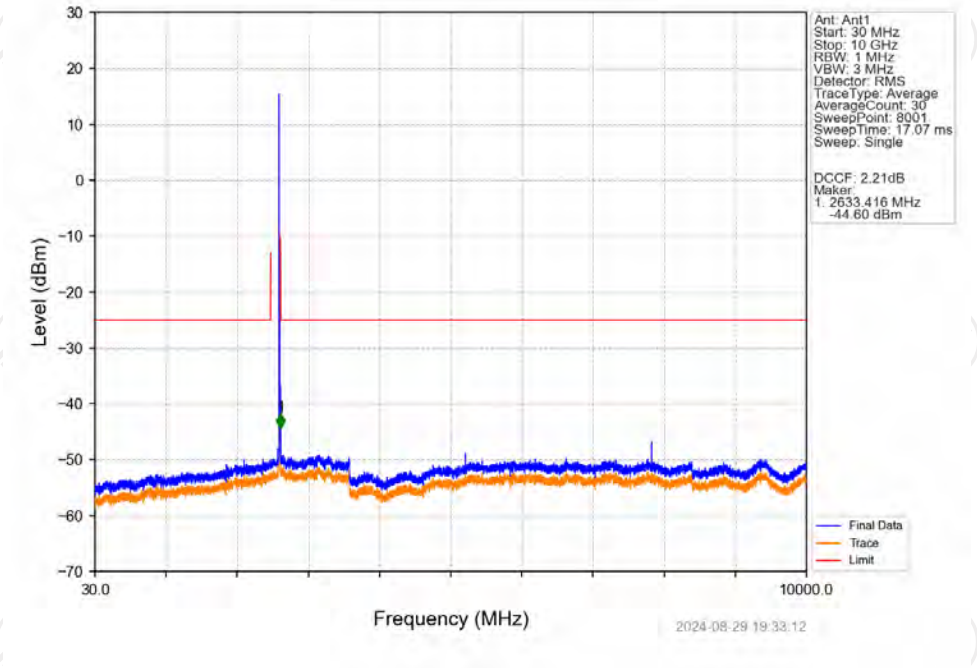
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



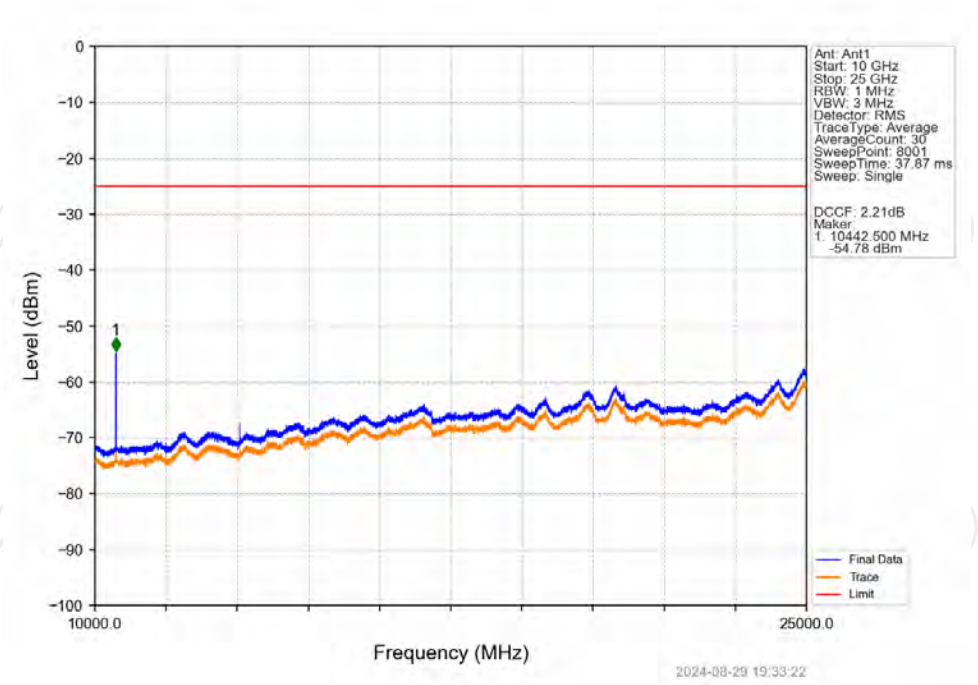
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



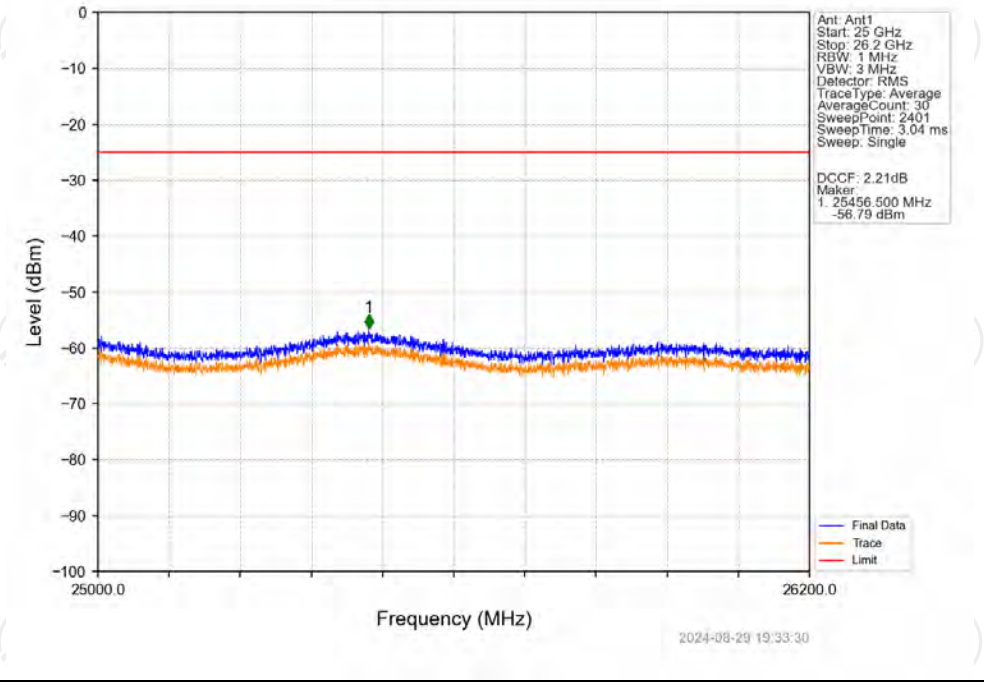
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



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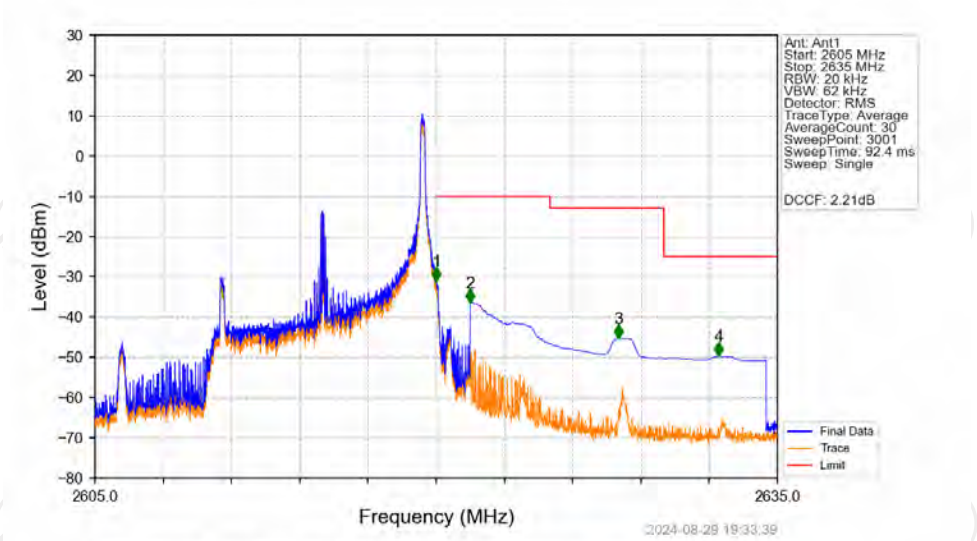
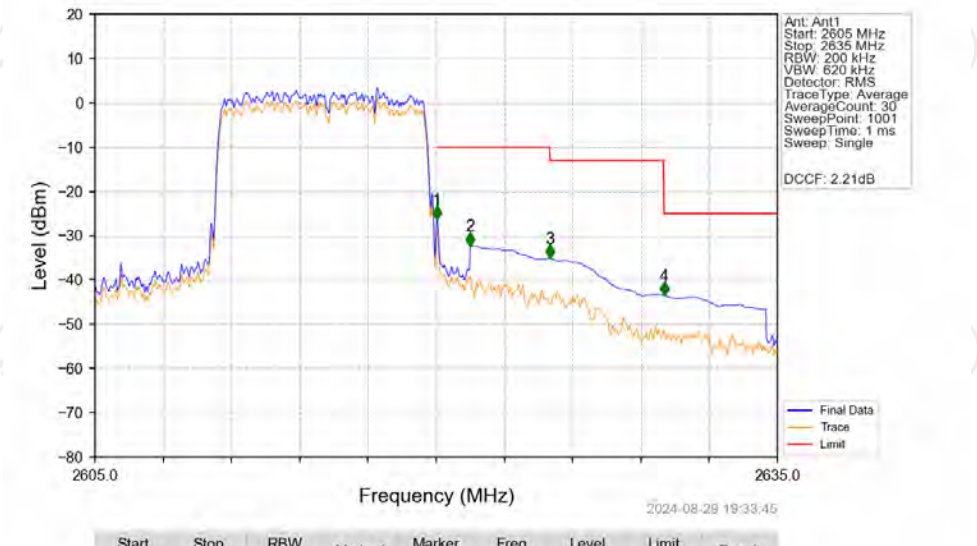
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-31.12	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.37	-10	Pass
2625	2630	1	CHP	3	2628.030	-45.31	-13	Pass
2630	2635	1	CHP	4	2632.420	-49.74	-25	Pass

Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.2	/	/	/	/	/	/
2620	2621	0.2	/	1	2620.030	-26.42	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.31	-10	Pass
2625	2630	1	CHP	3	2625.010	-35.16	-13	Pass
2630	2635	1	CHP	4	2630.020	-43.52	-25	Pass

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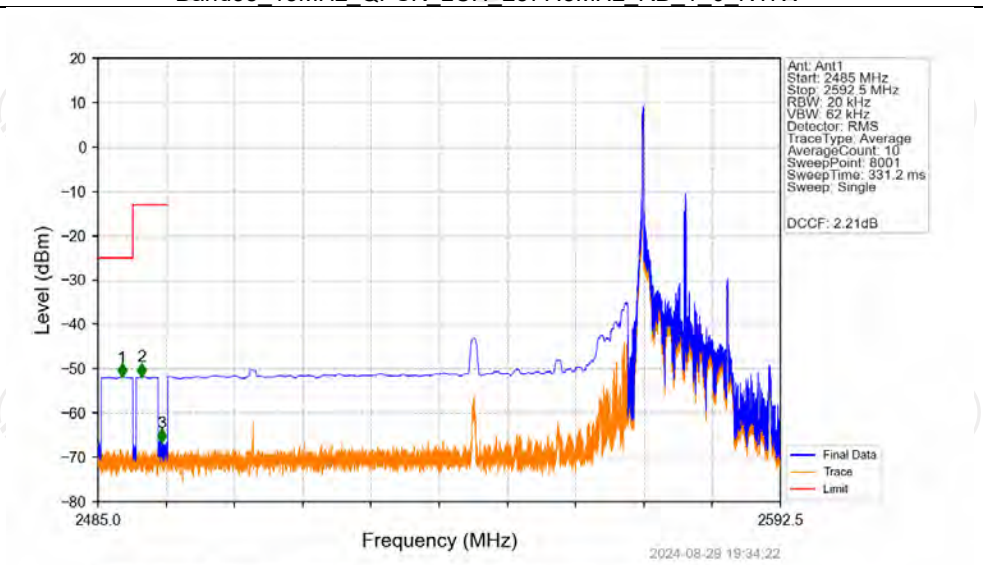
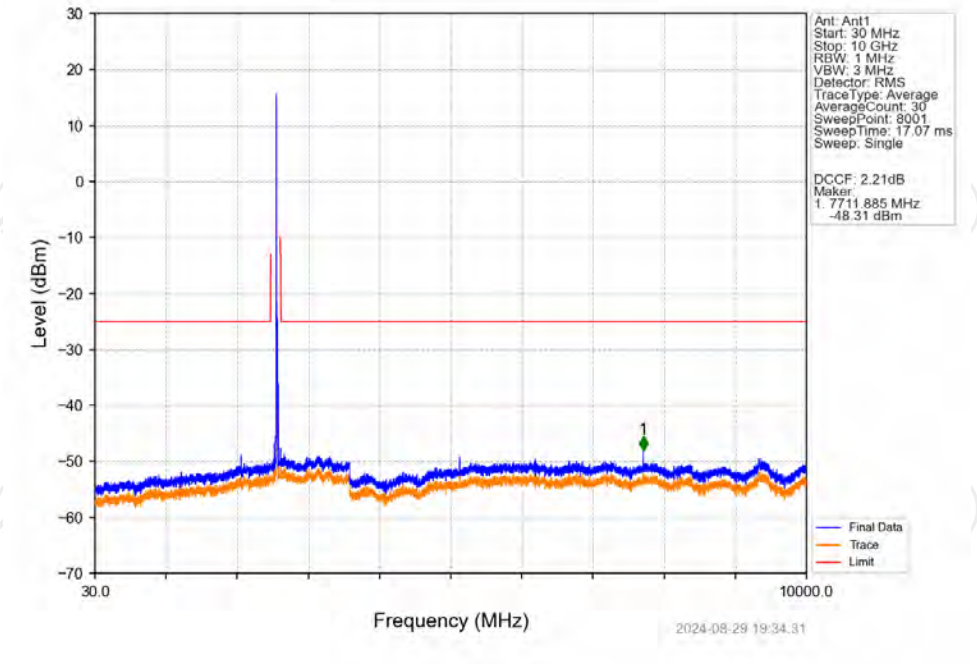
6.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_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	2488.776	-51.85	-25	Pass
2490.5	2495	1	CHP	2	2491.893	-51.80	-13	Pass
2495	2496	1	CHP	3	2495.051	-66.58	-13	Pass
2496	2592.5	0.02	/	/	/	/	/	/

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



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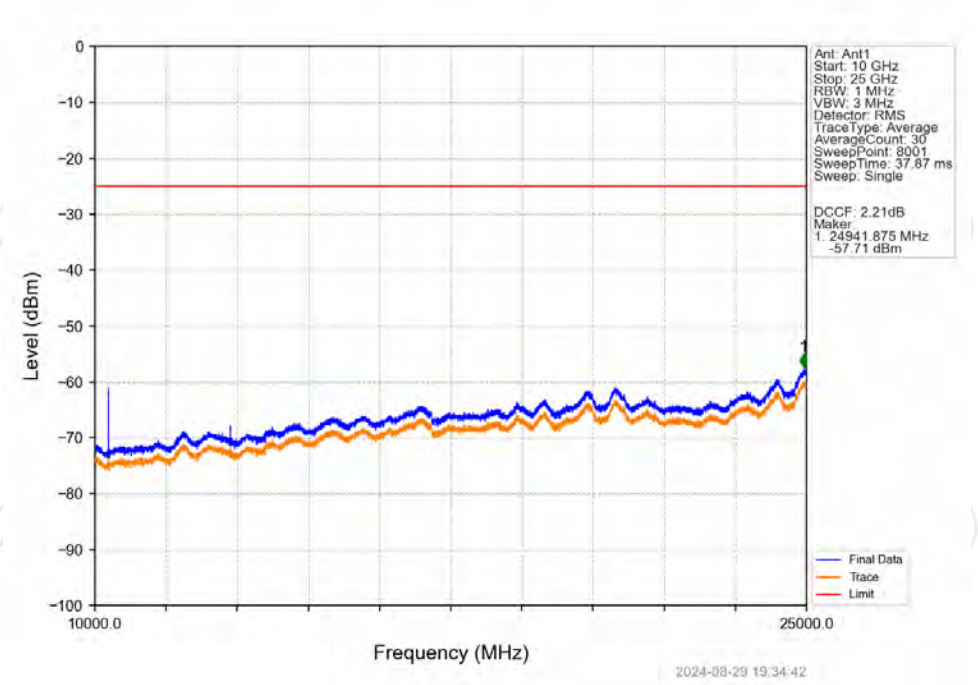
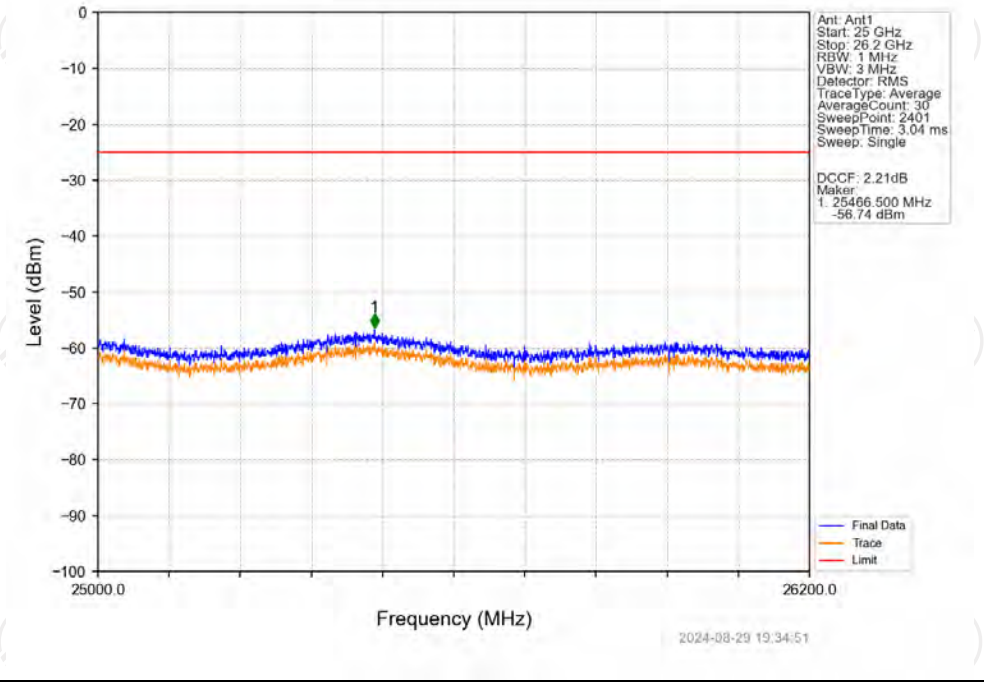
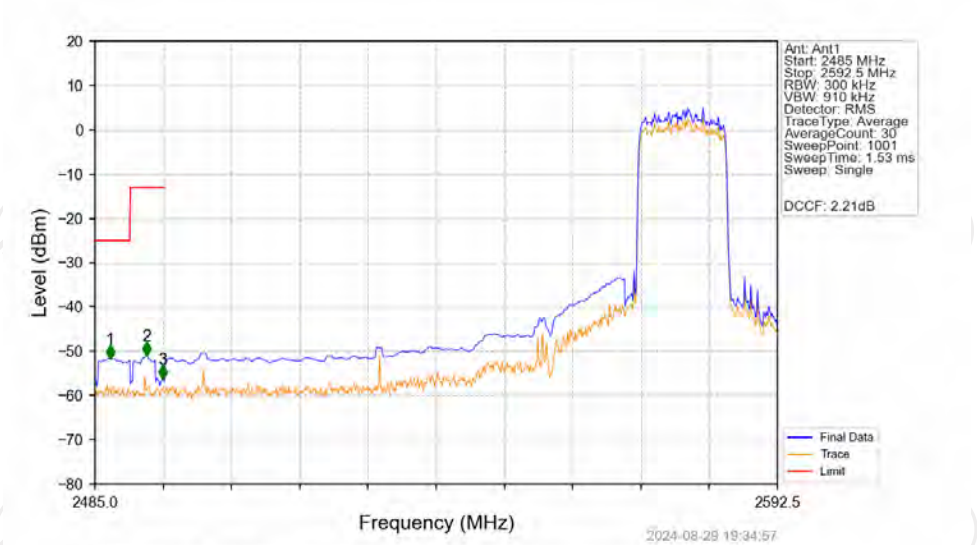
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

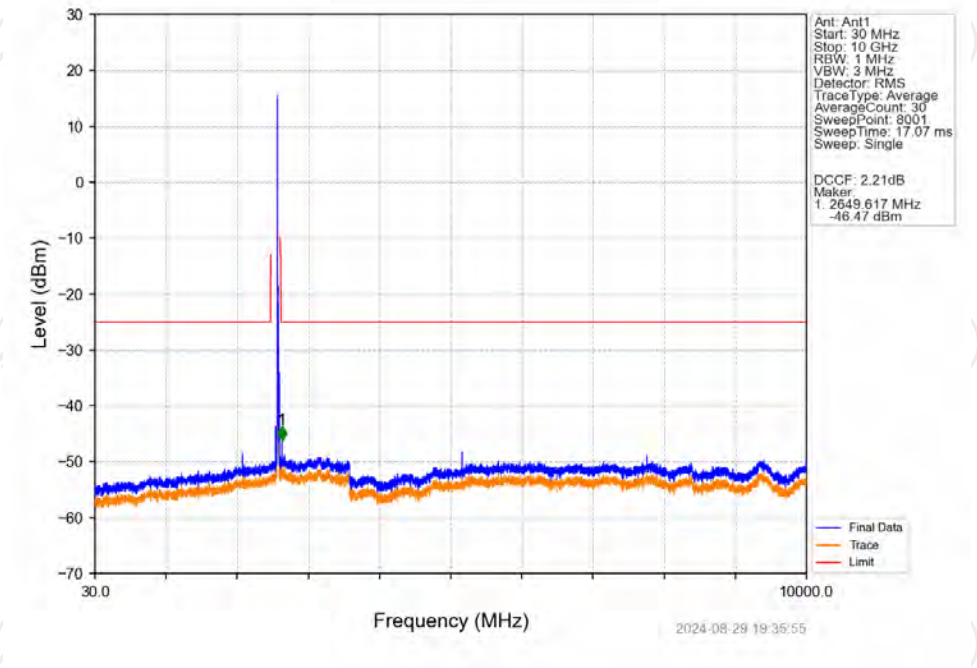


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



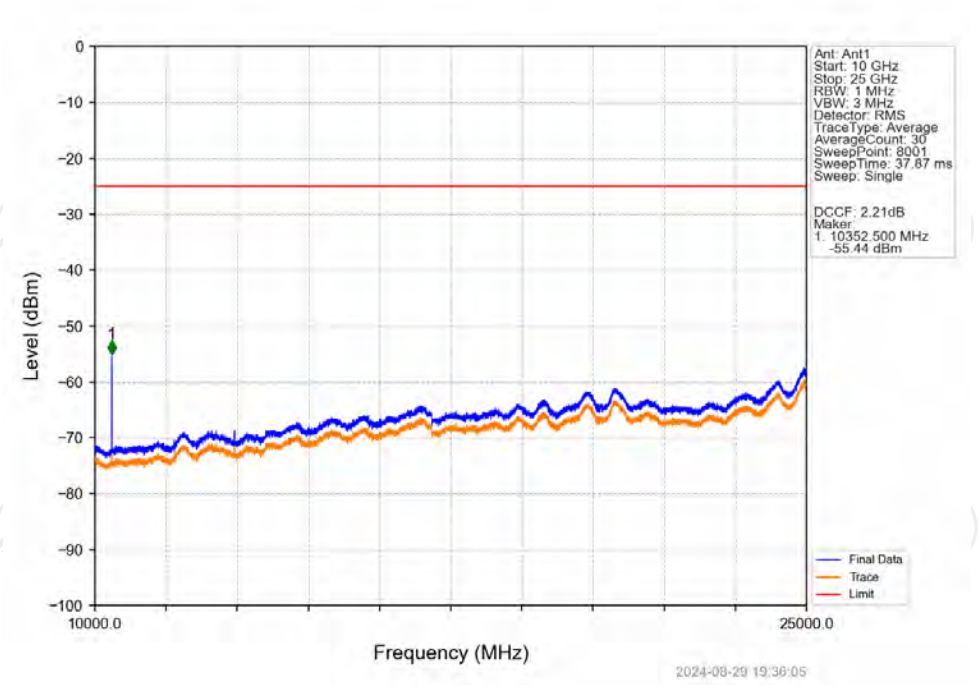
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.365	-51.63	25	Pass
2490.5	2495	1	CHP	2	2493.170	-50.94	-13	Pass
2495	2496	1	CHP	3	2495.642	-56.32	-13	Pass
2496	2592.5	0.3	/	/	/	/	/	/

Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV

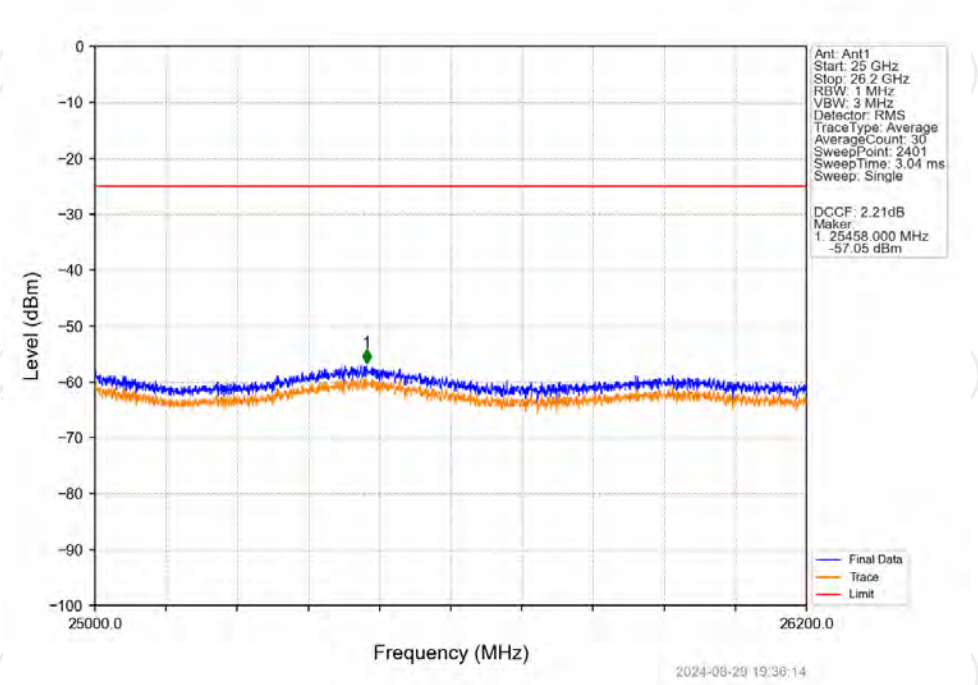


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

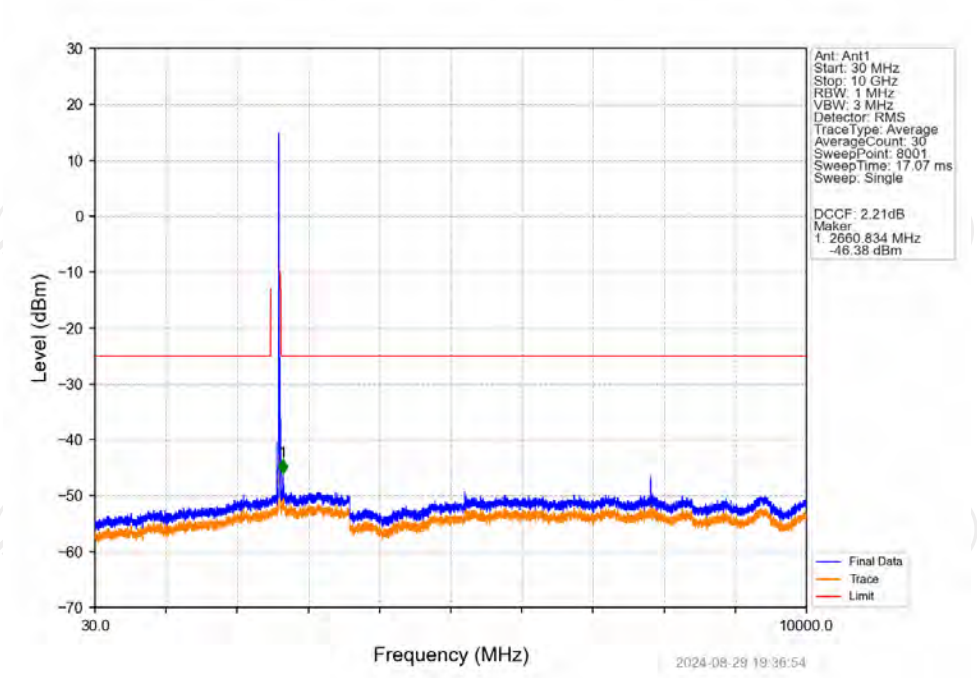
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



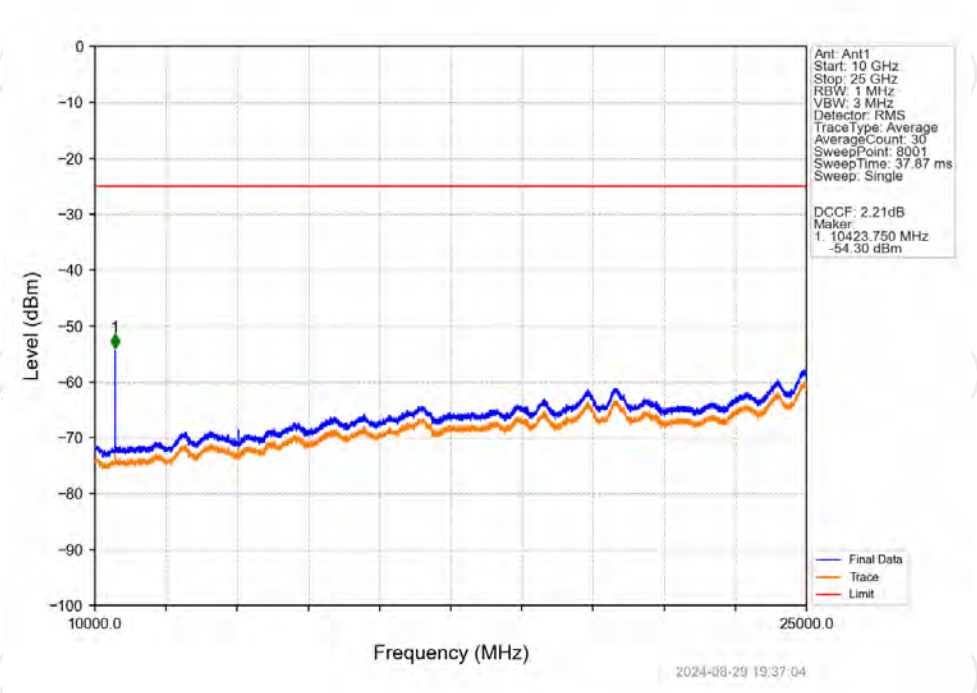
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



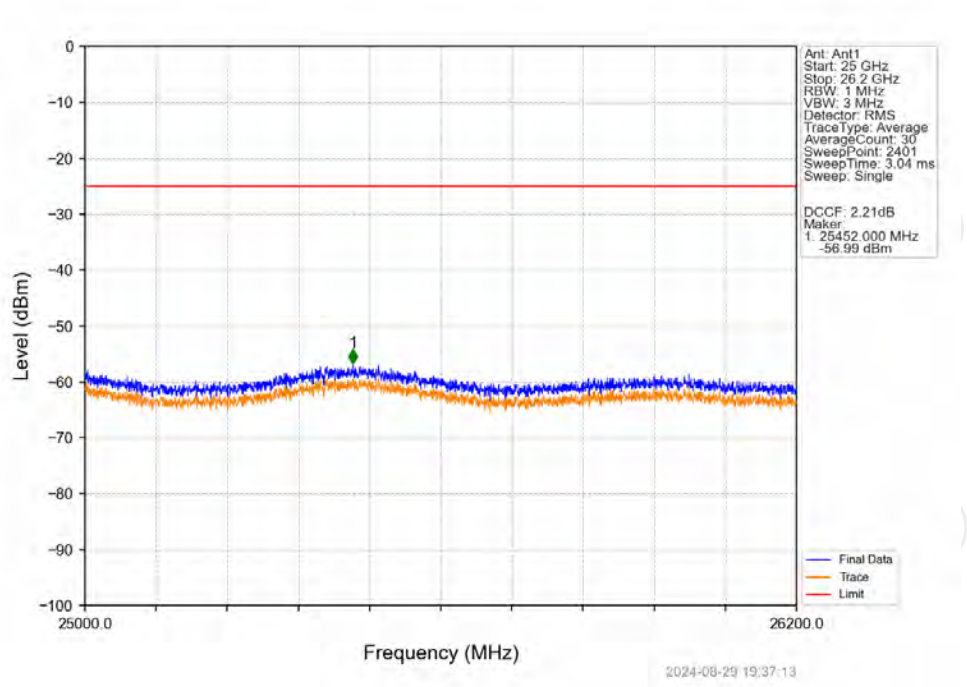
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



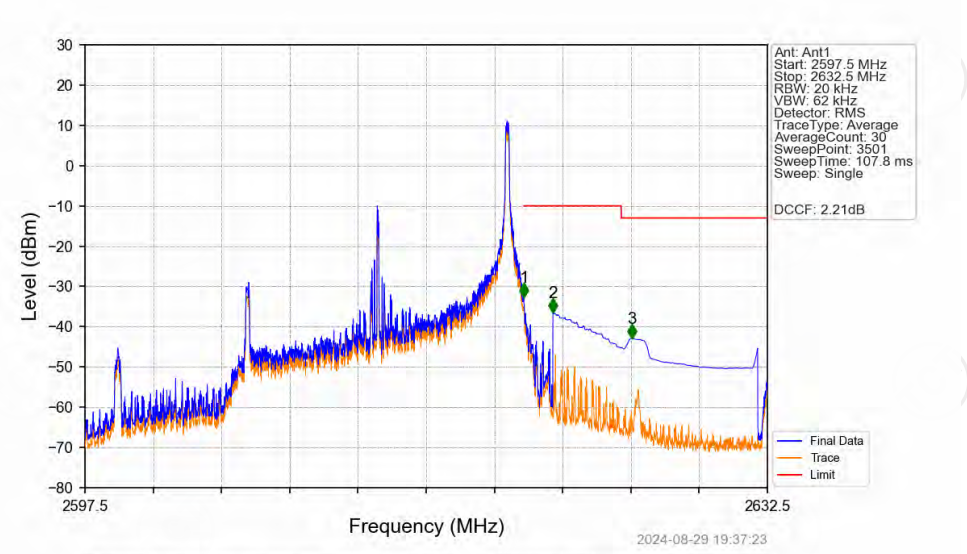
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-32.73	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.37	-10	Pass
2625	2632.5	1	CHP	3	2625.550	-42.95	-13	Pass

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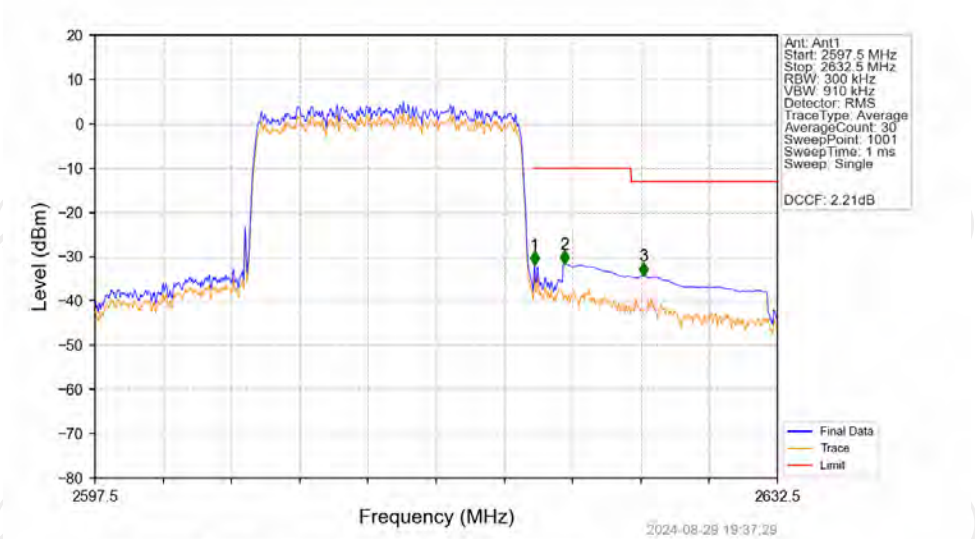
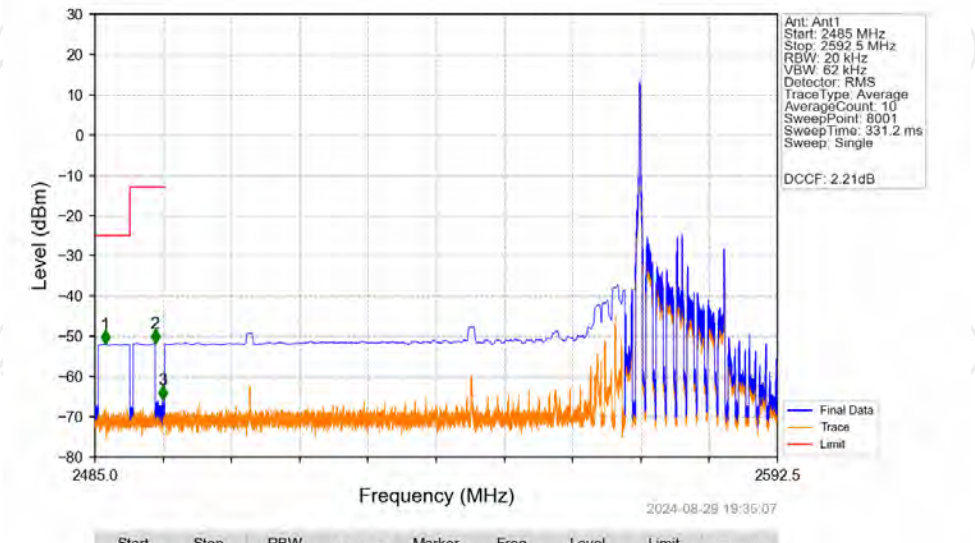
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.040	-31.79	-10	Pass
2621	2625	1	CHP	2	2621.580	-31.62	-10	Pass
2625	2632.5	1	CHP	3	2625.640	-34.32	-13	Pass

Band38_15MHz_16QAM_LCH_2577.5MHz_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	2486.639	-51.91	-25	Pass
2490.5	2495	1	CHP	2	2494.487	-51.70	-13	Pass
2495	2496	1	CHP	3	2495.629	-65.74	-13	Pass
2496	2592.5	0.02	/	/	/	/	/	/

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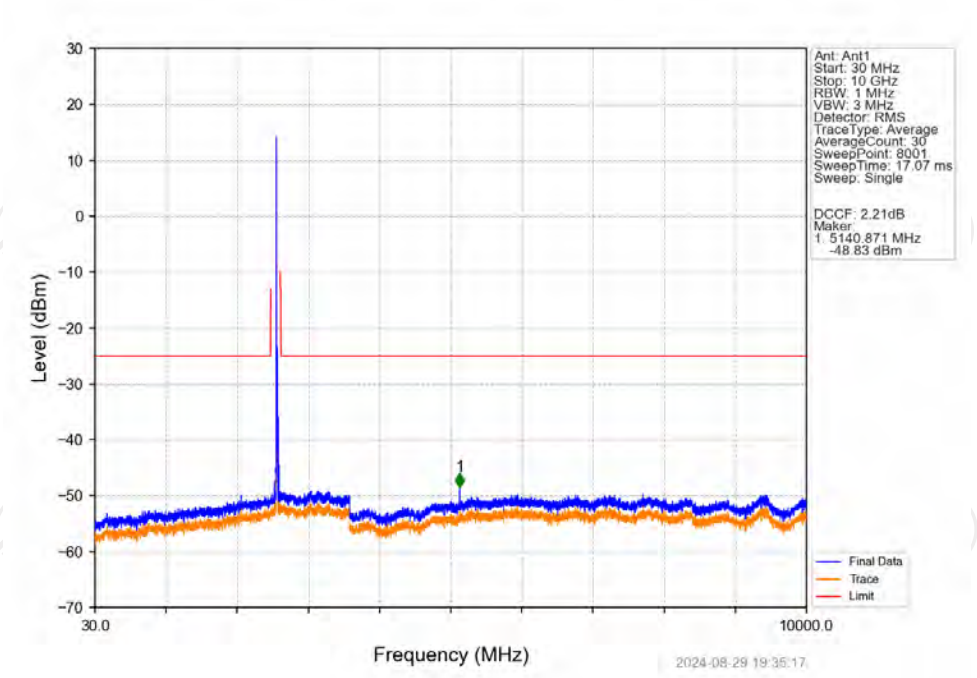
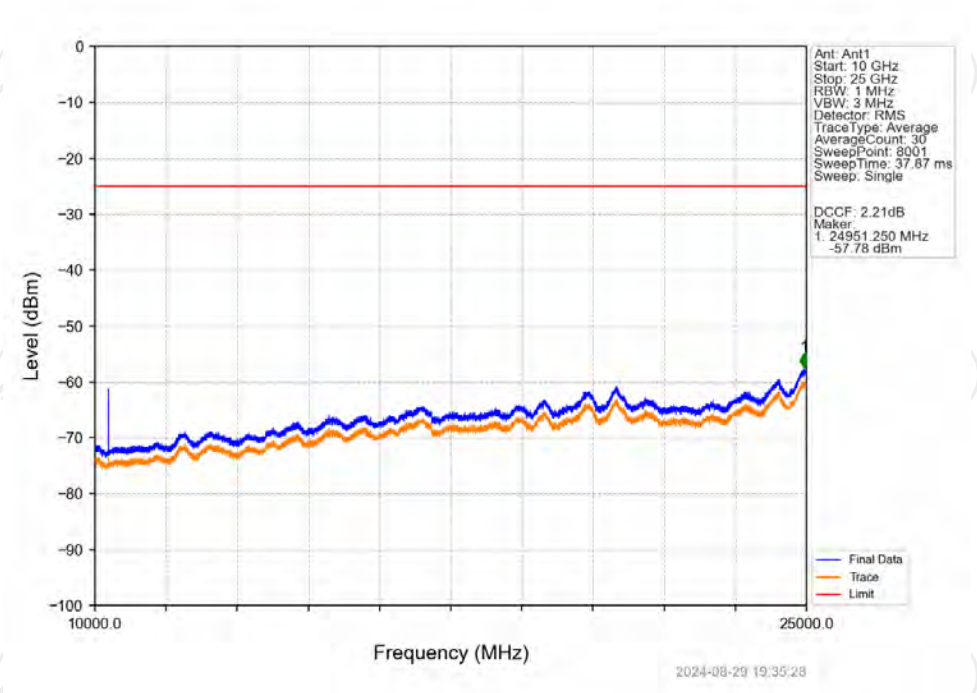
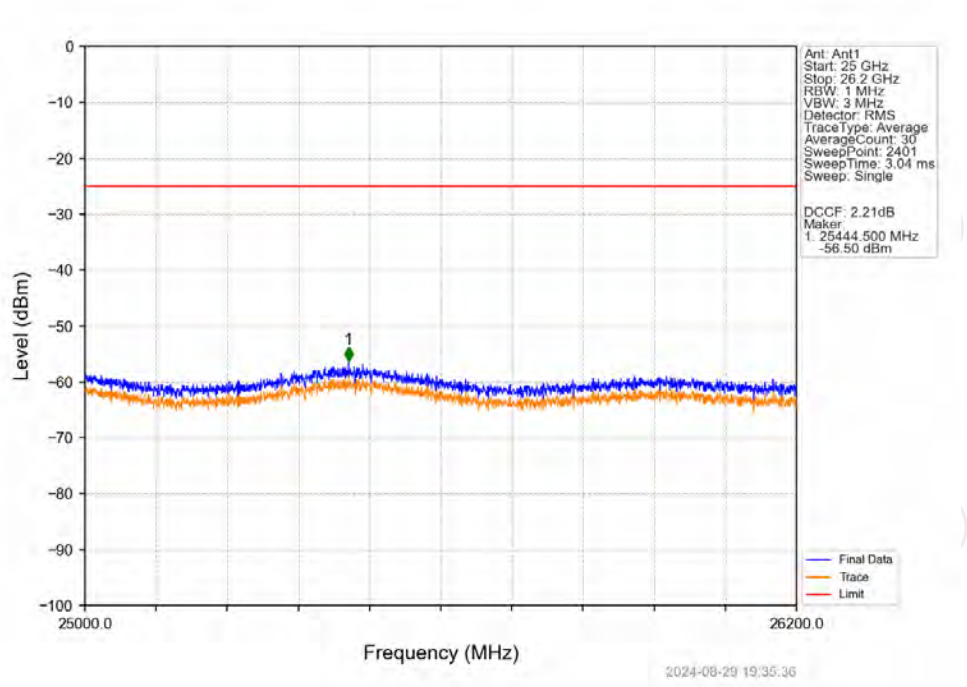
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



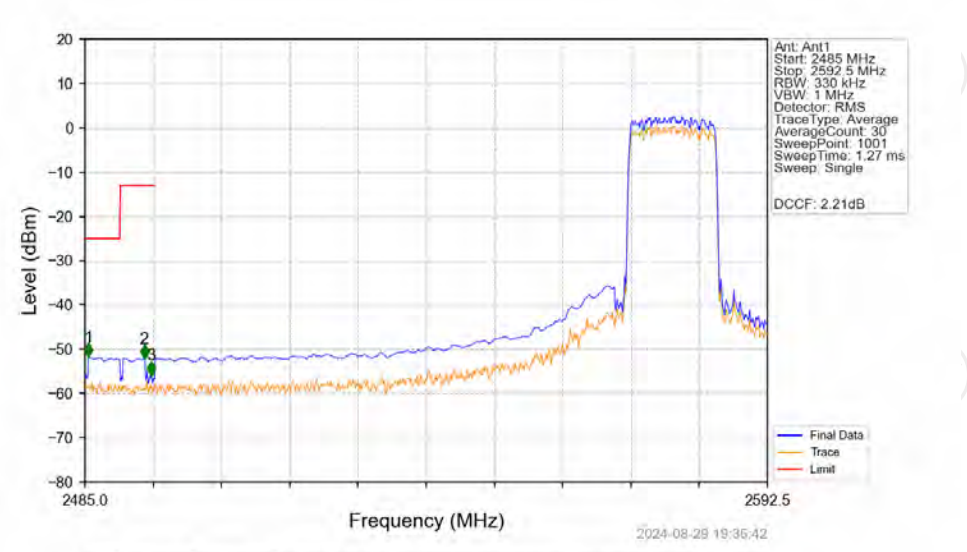
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_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	2485.537	-51.74	-25	Pass
2490.5	2495	1	CHP	2	2494.352	-52.07	-13	Pass
2495	2496	1	CHP	3	2495.427	-55.81	-13	Pass
2496	2592.5	0.33	/	/	/	/	/	/

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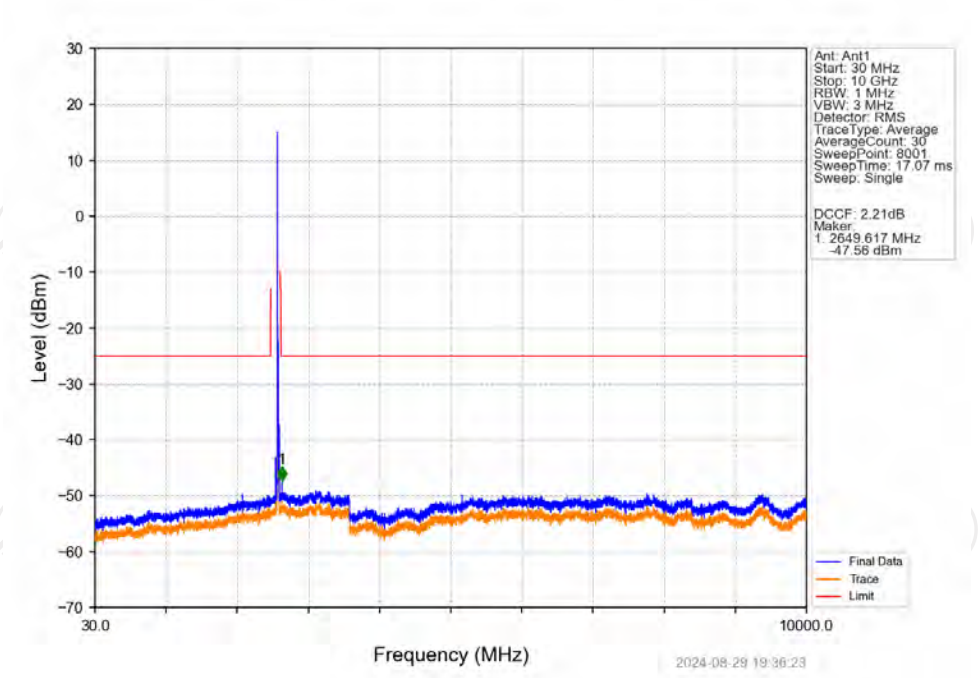
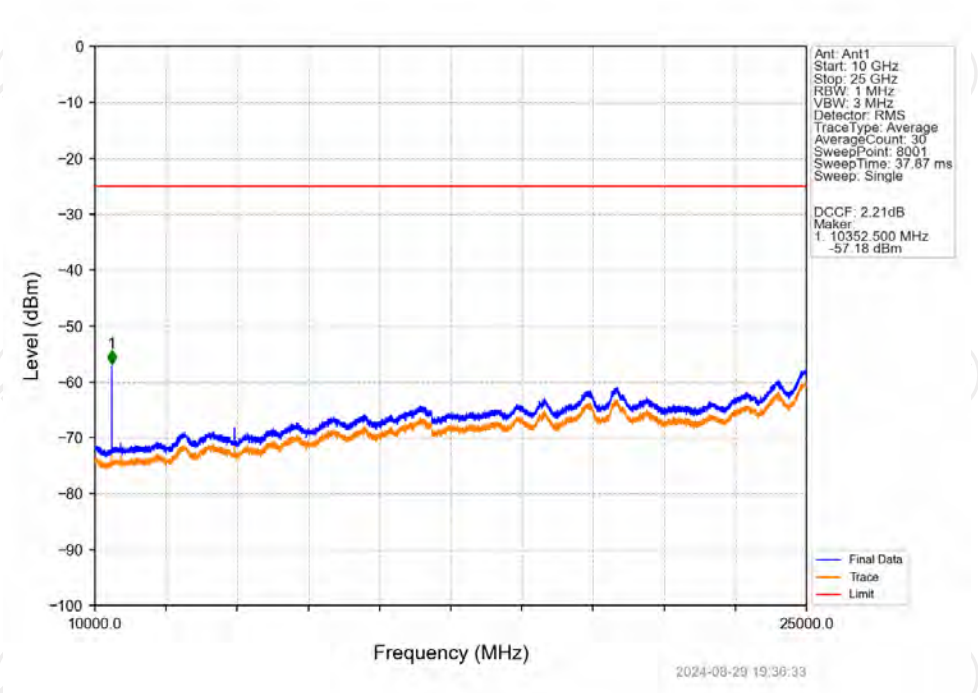
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV

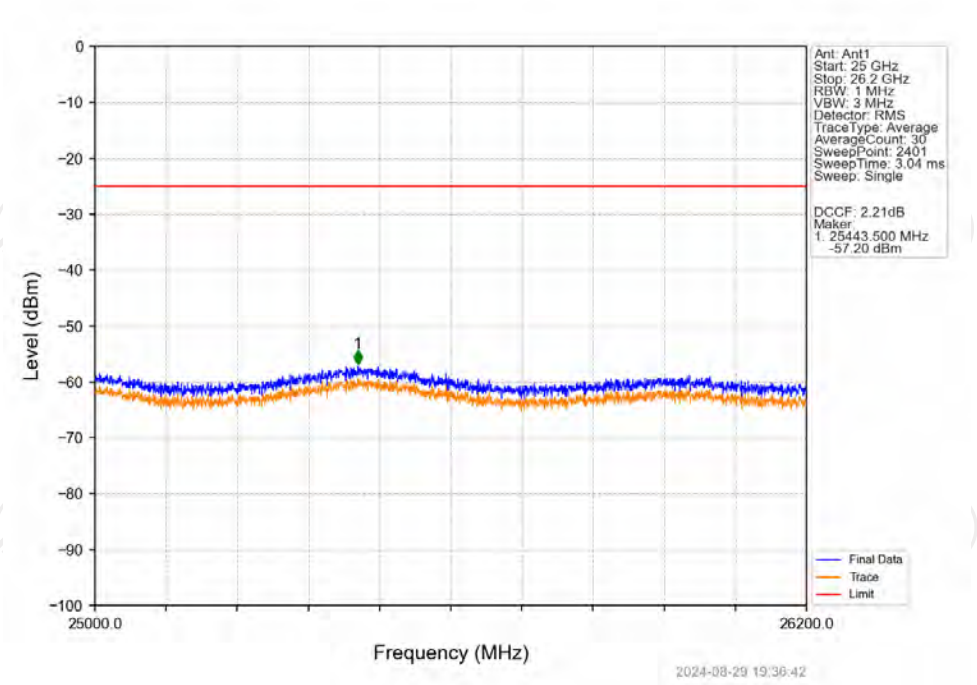


Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV

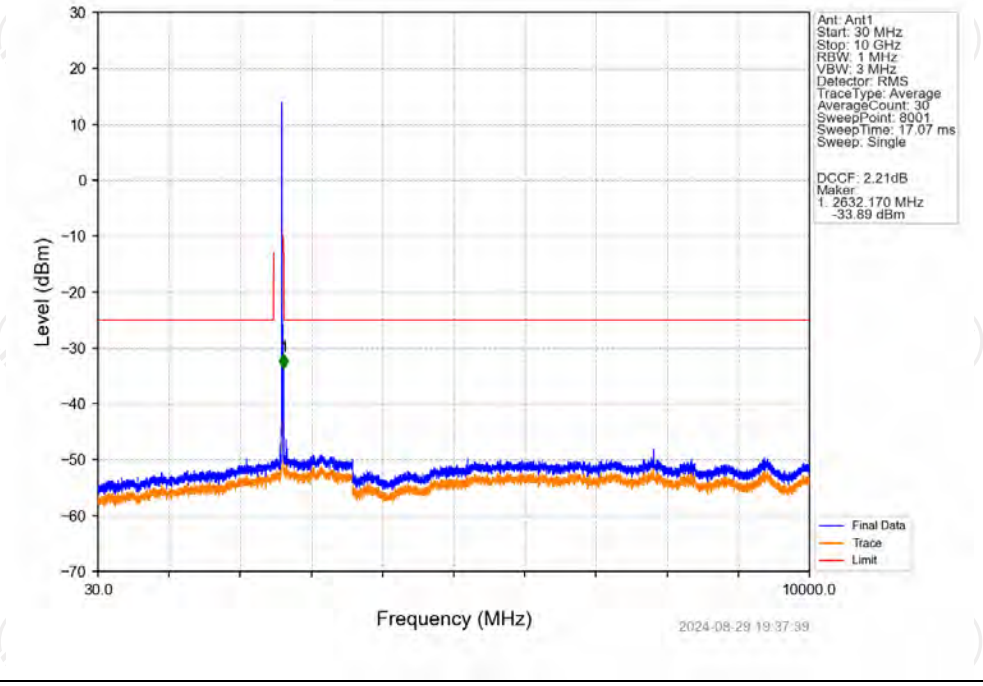


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV

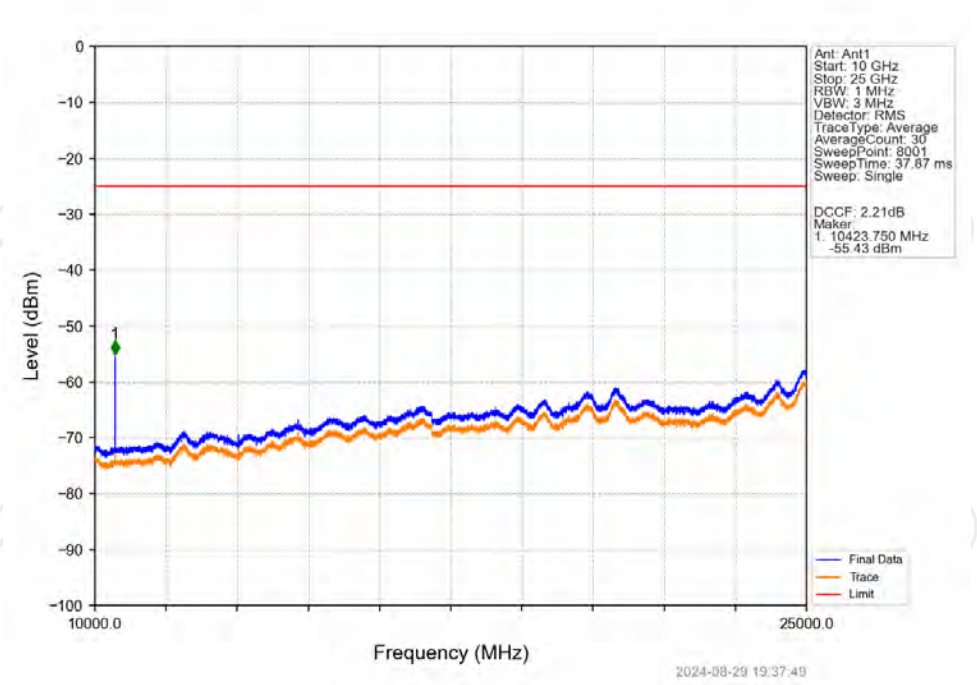


Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV

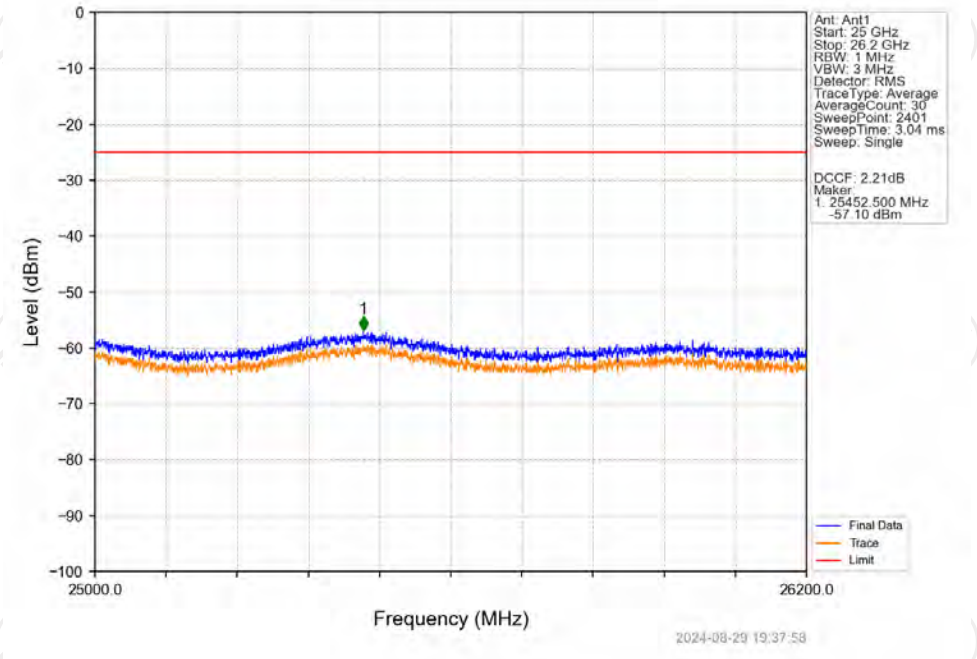


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

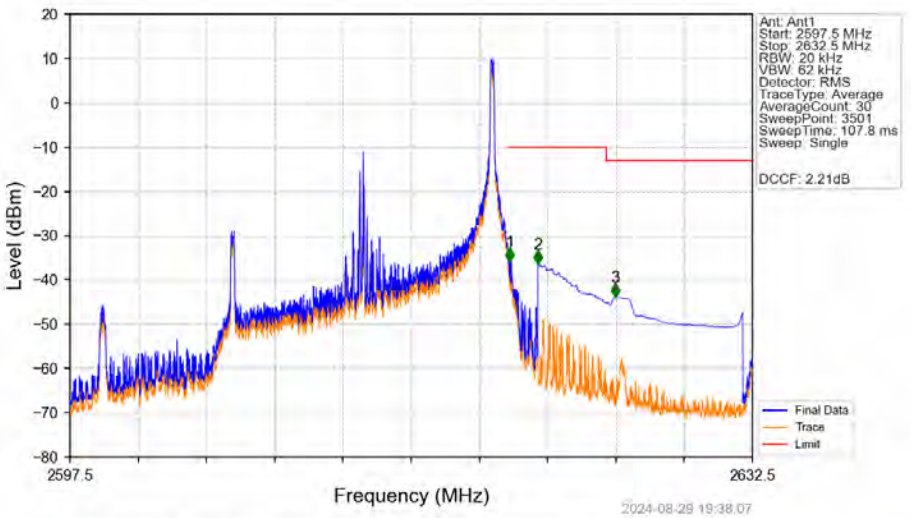
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV

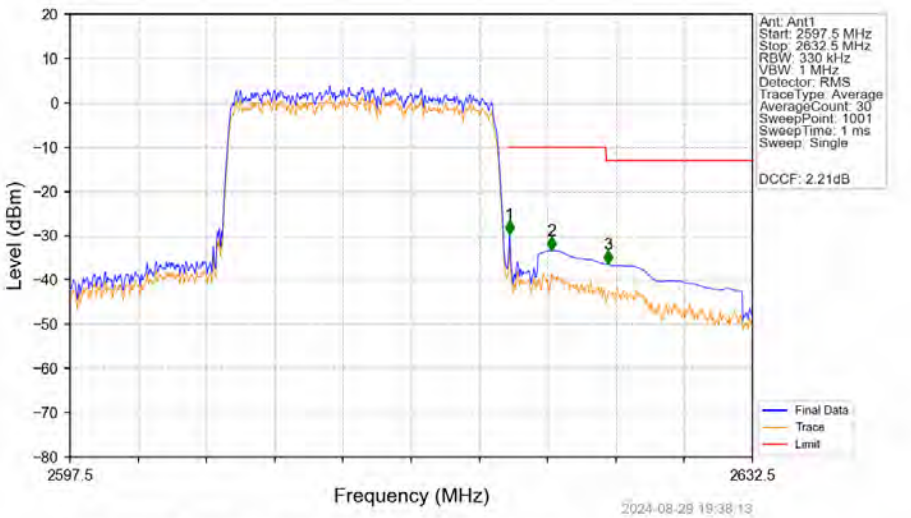


Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.060	-35.83	-10	Pass
2621	2625	1	CHP	2	2621.510	-36.41	-10	Pass
2625	2632.5	1	CHP	3	2625.480	-43.87	-13	Pass

Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.33	/	/	/	/	/	/
2620	2621	0.33	/	1	2620.040	-29.60	-10	Pass
2621	2625	1	CHP	2	2622.210	-33.30	-10	Pass
2625	2632.5	1	CHP	3	2625.080	-36.48	-13	Pass

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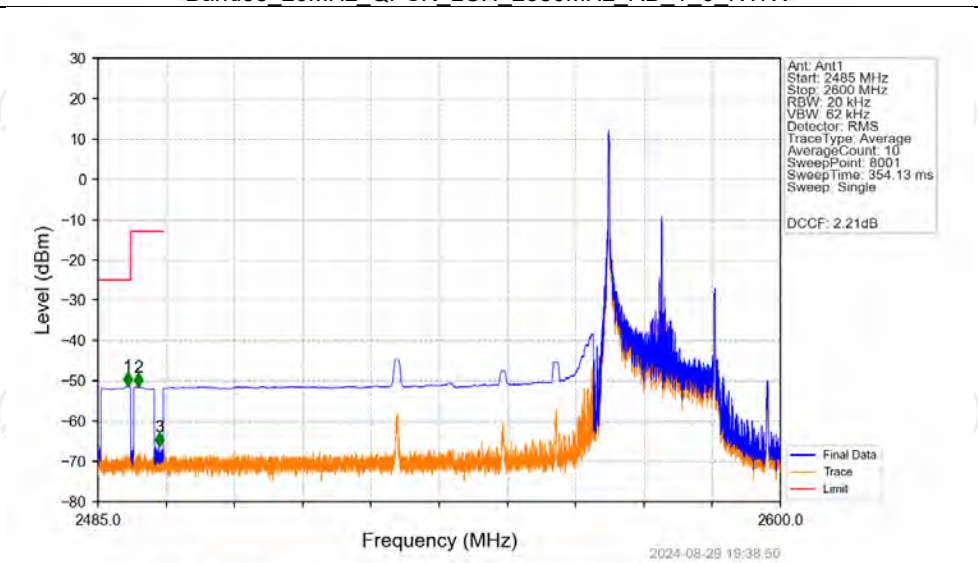
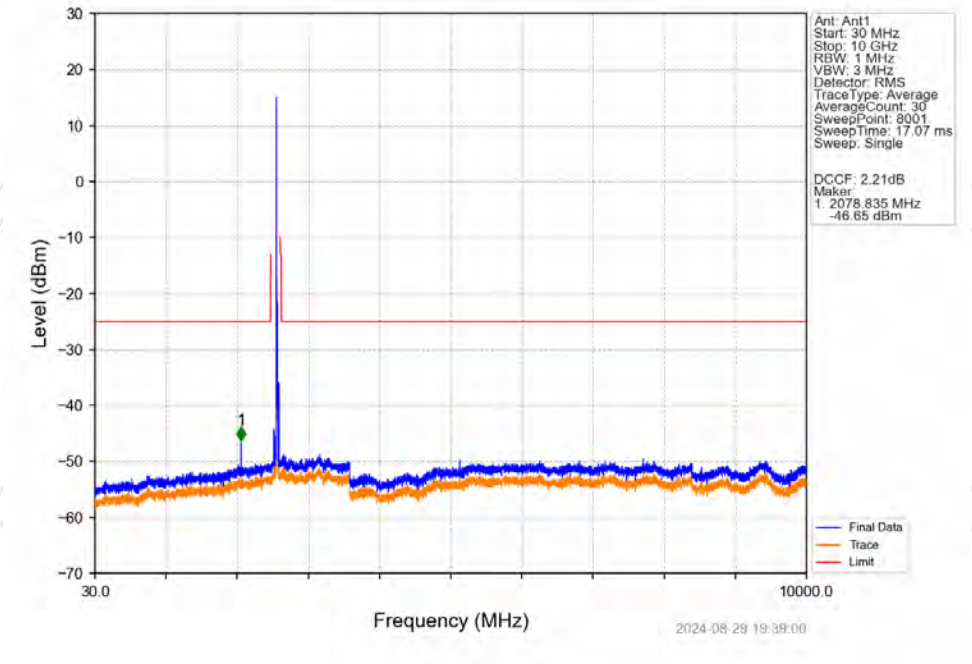
6.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



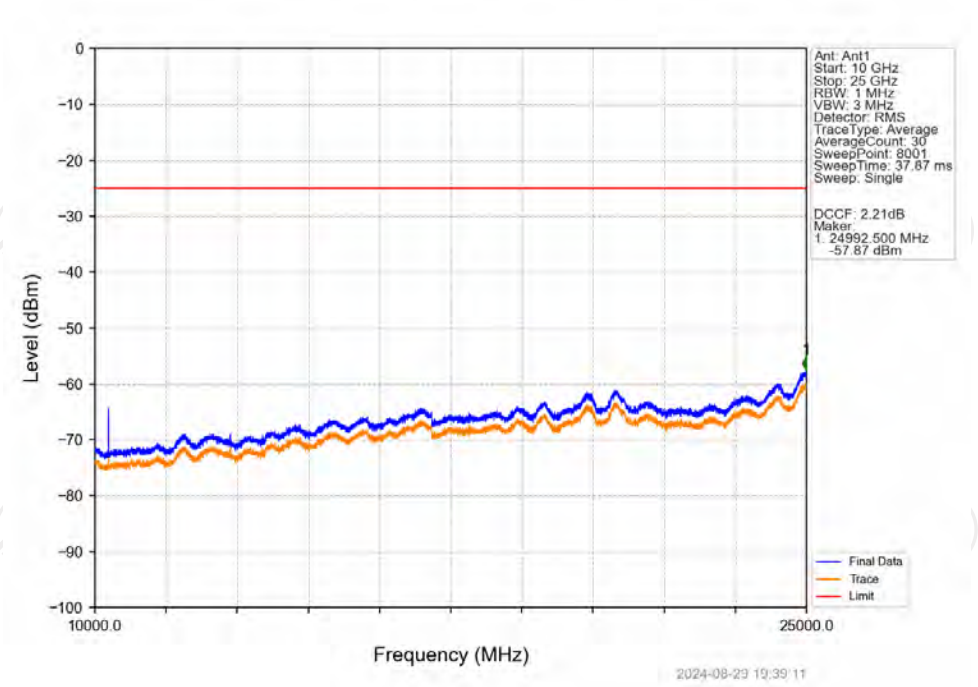
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.988	-51.35	-25	Pass
2490.5	2495	1	CHP	2	2491.785	-51.52	-13	Pass
2495	2496	1	CHP	3	2495.264	-66.33	-13	Pass
2496	2600	0.02	/	/	/	/	/	/

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

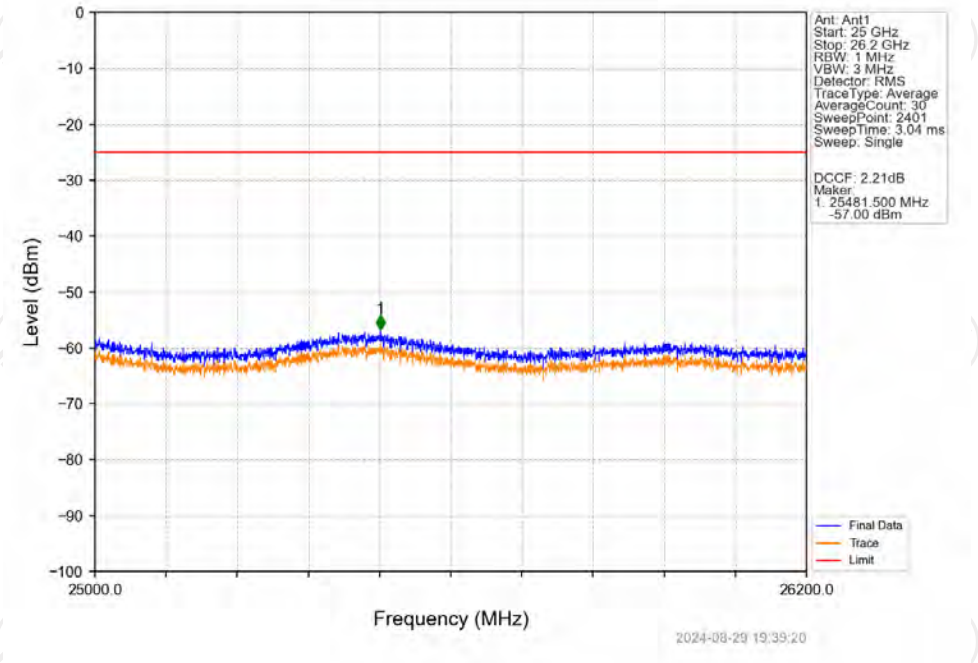


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

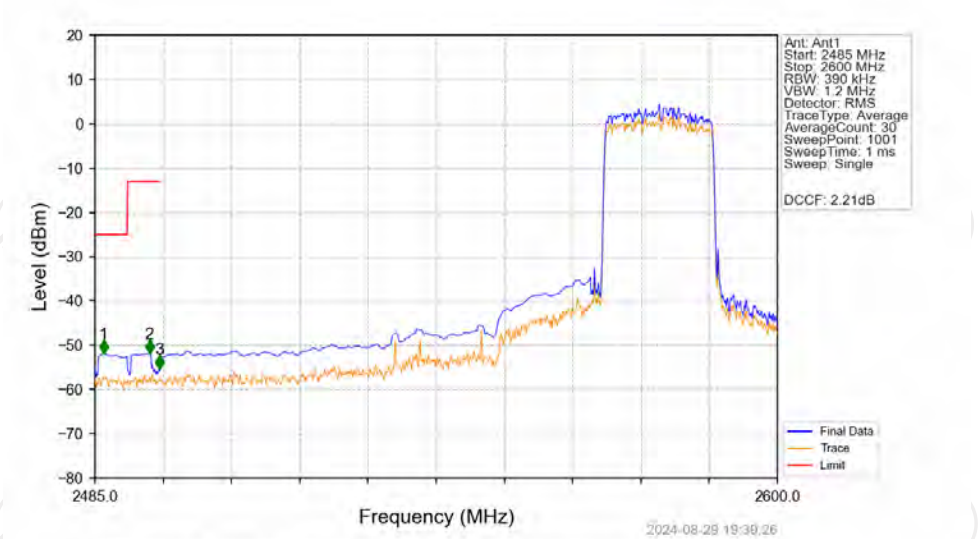


Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



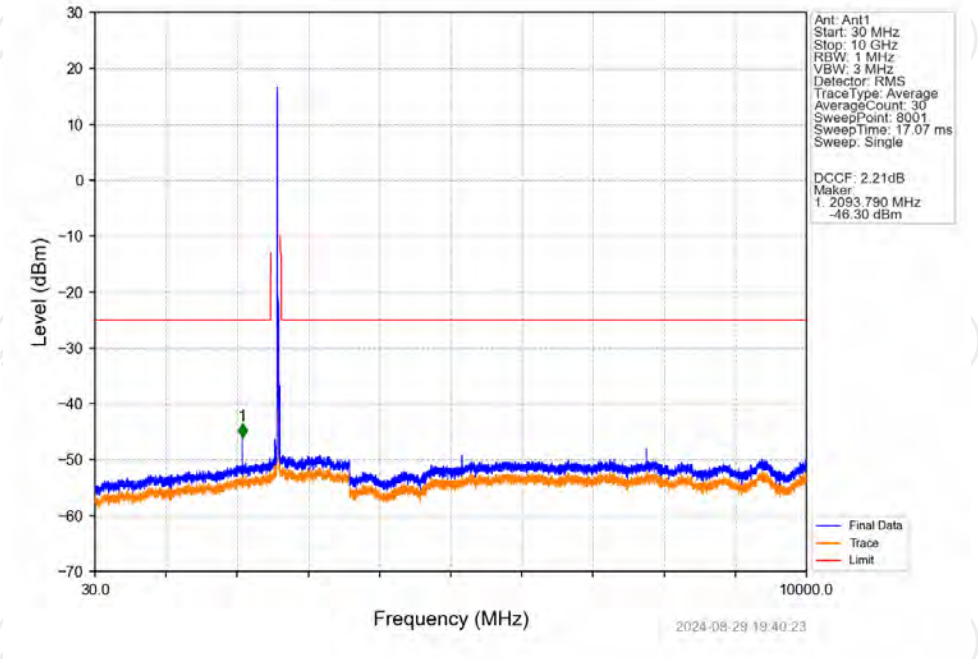
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band38_20MHz_QPSK_LCH_2580MHz_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	2486.495	-51.82	-25	Pass
2490.5	2495	1	CHP	2	2494.200	-51.82	-13	Pass
2495	2496	1	CHP	3	2495.810	-55.36	-13	Pass
2496	2600	0.39	/	/	/	/	/	/

Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



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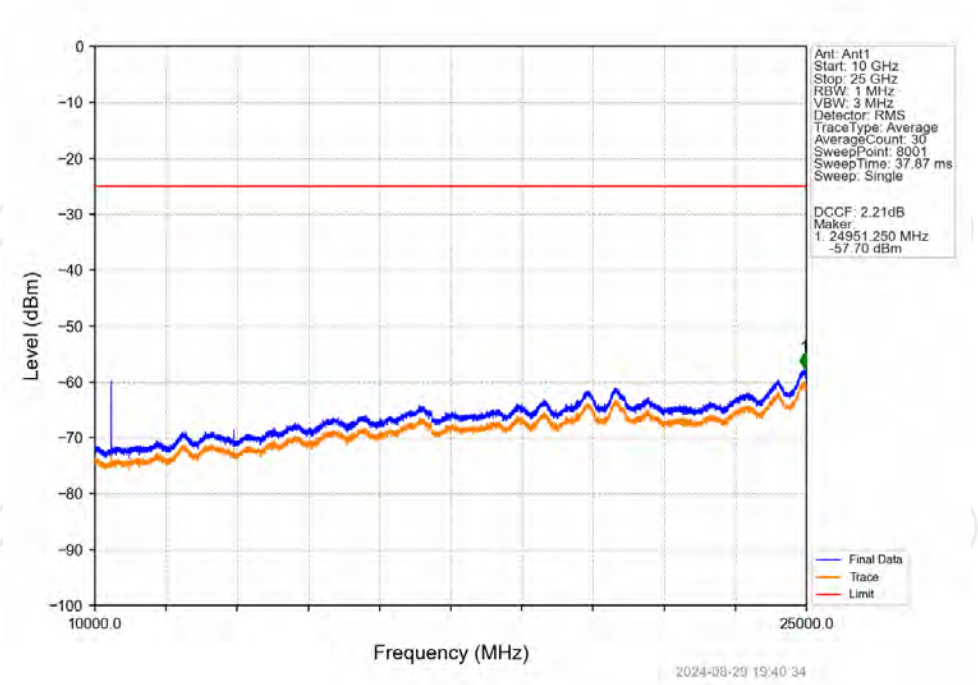
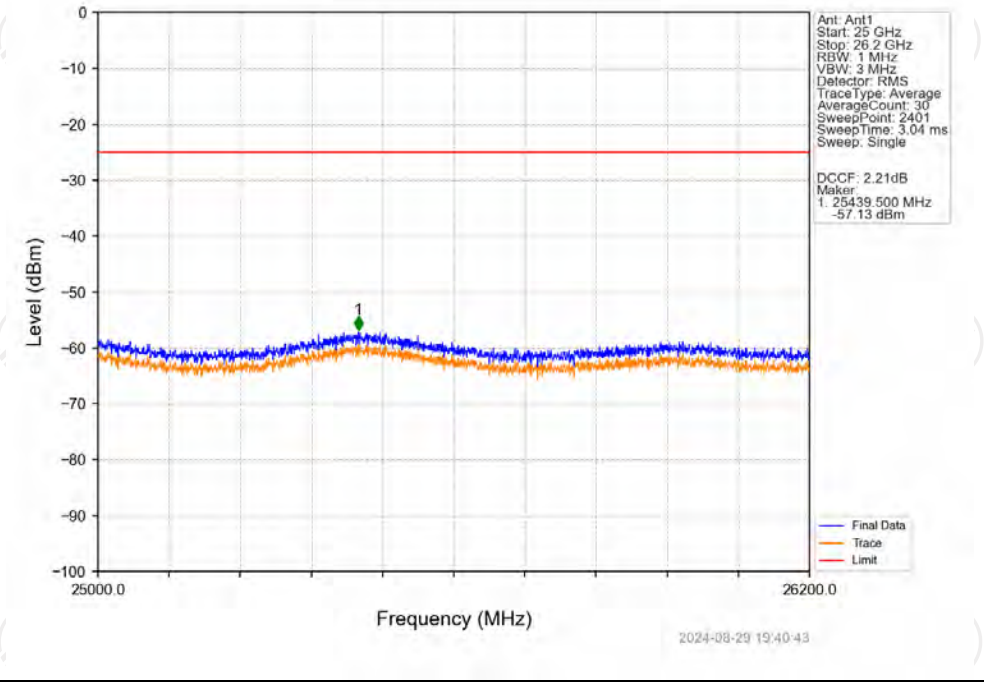
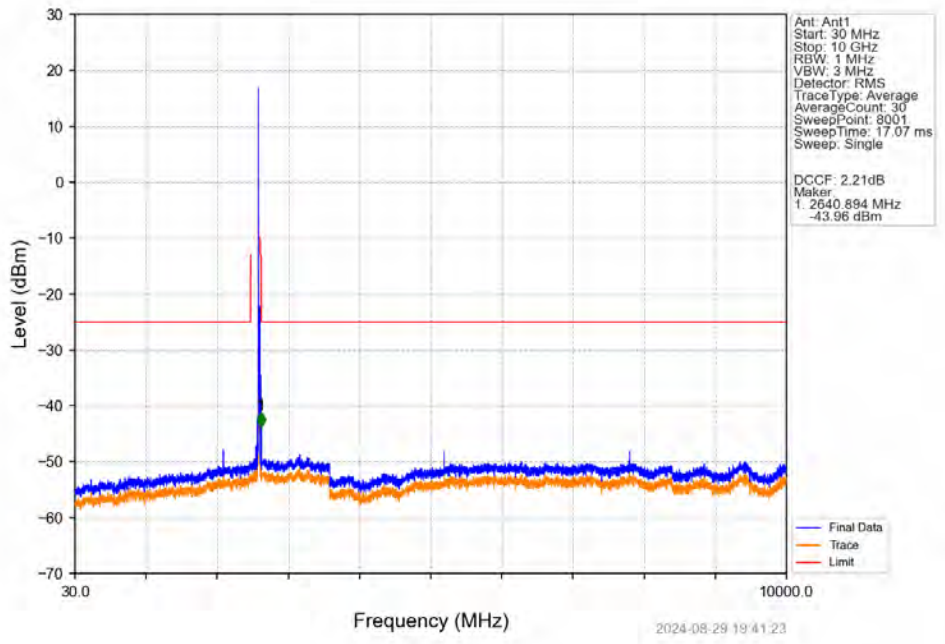
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



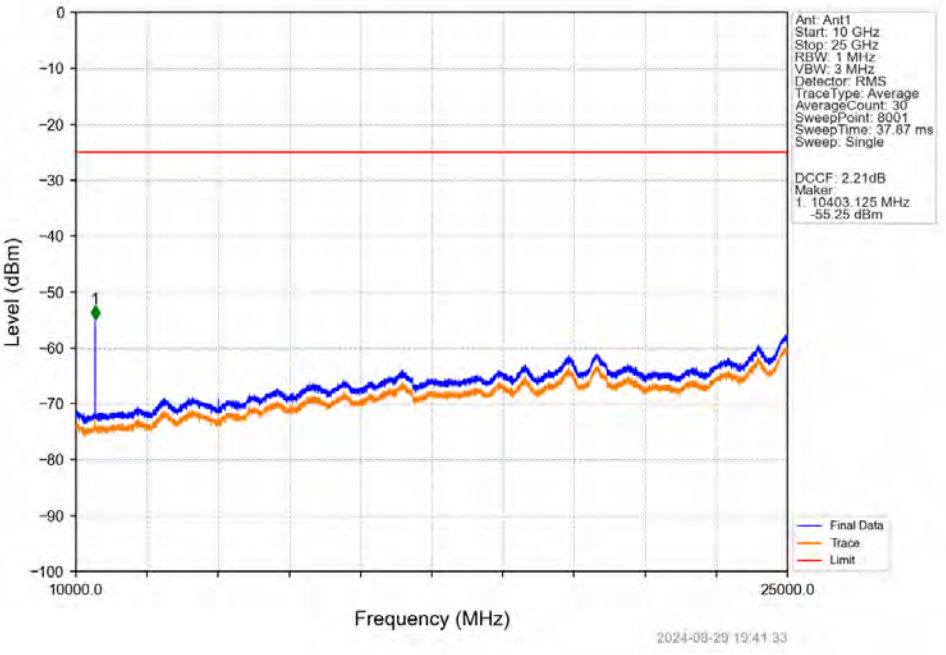
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



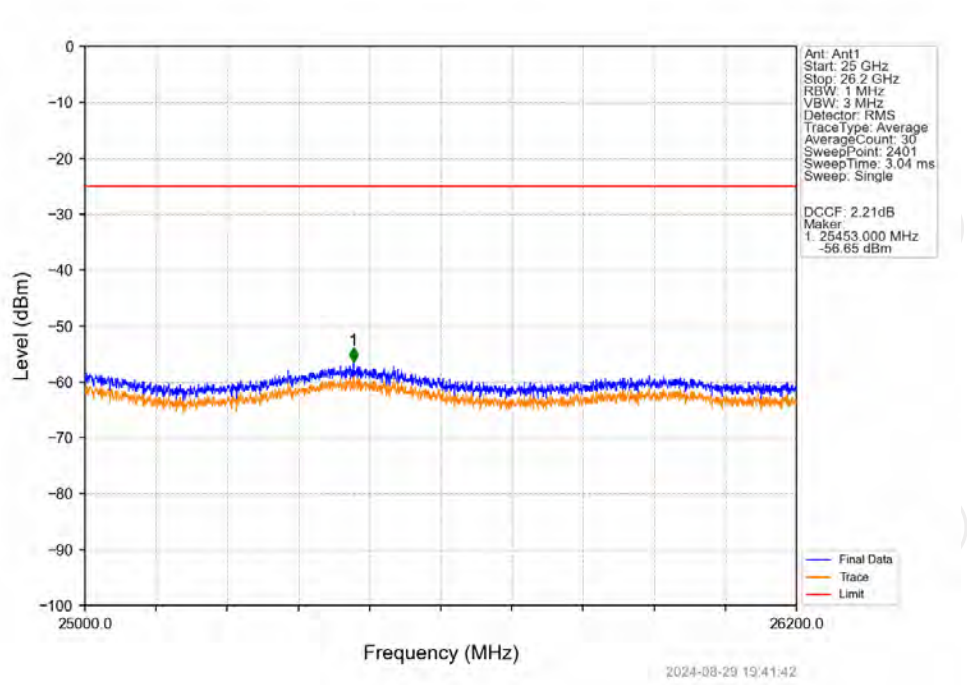
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



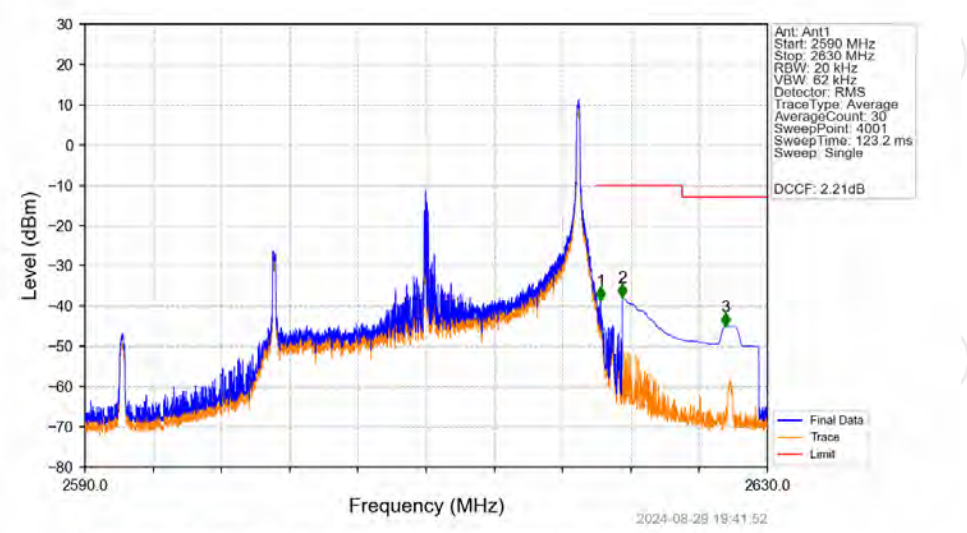
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.220	-38.62	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.89	-10	Pass
2625	2630	1	CHP	3	2627.530	-45.10	-13	Pass

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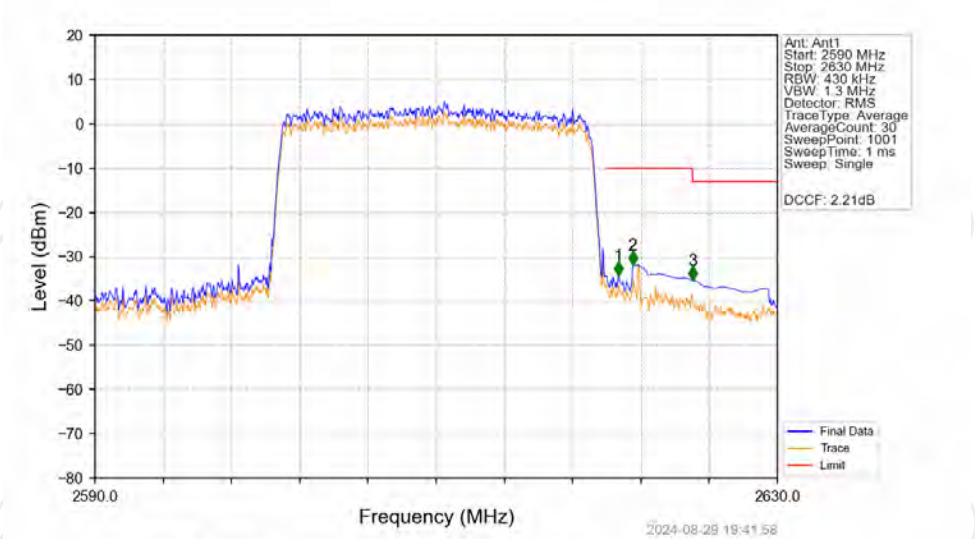
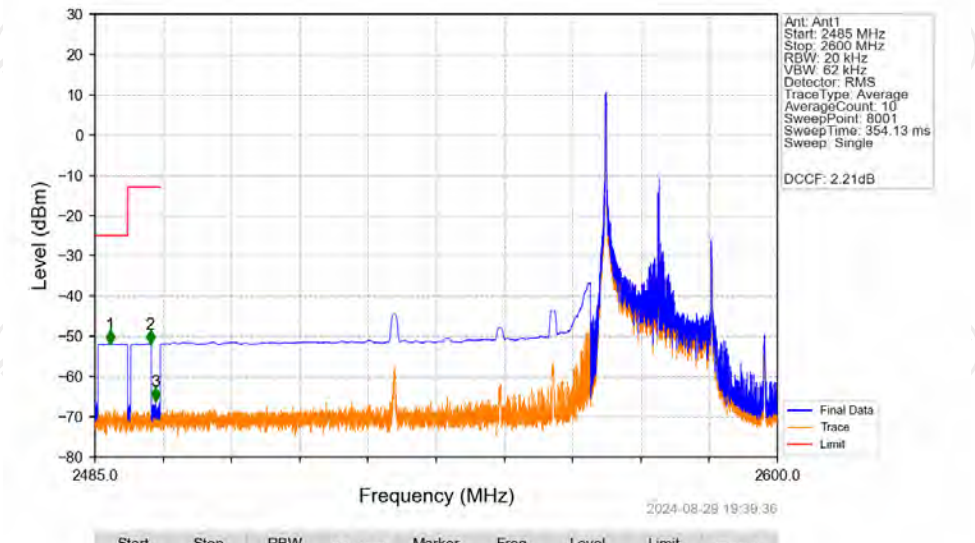
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.43	/	/	/	/	/	/
2620	2621	0.43	/	1	2620.680	-34.25	-10	Pass
2621	2625	1	CHP	2	2621.520	-31.85	-10	Pass
2625	2630	1	CHP	3	2625.040	-35.32	-13	Pass

Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.588	-51.80	-25	Pass
2490.5	2495	1	CHP	2	2494.315	-51.80	-13	Pass
2495	2496	1	CHP	3	2495.249	-66.13	-13	Pass
2496	2600	0.02	/	/	/	/	/	/

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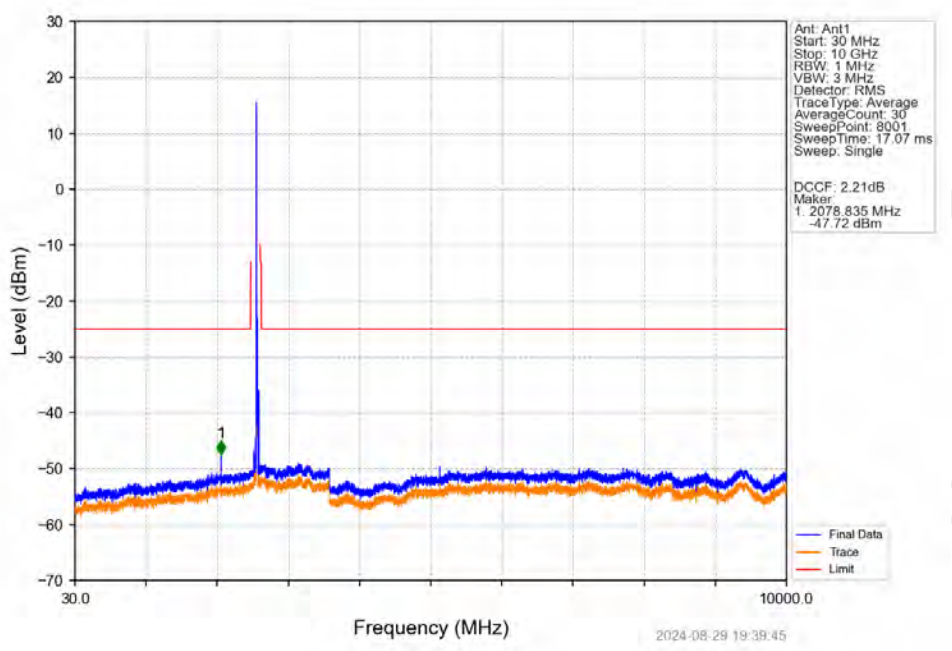
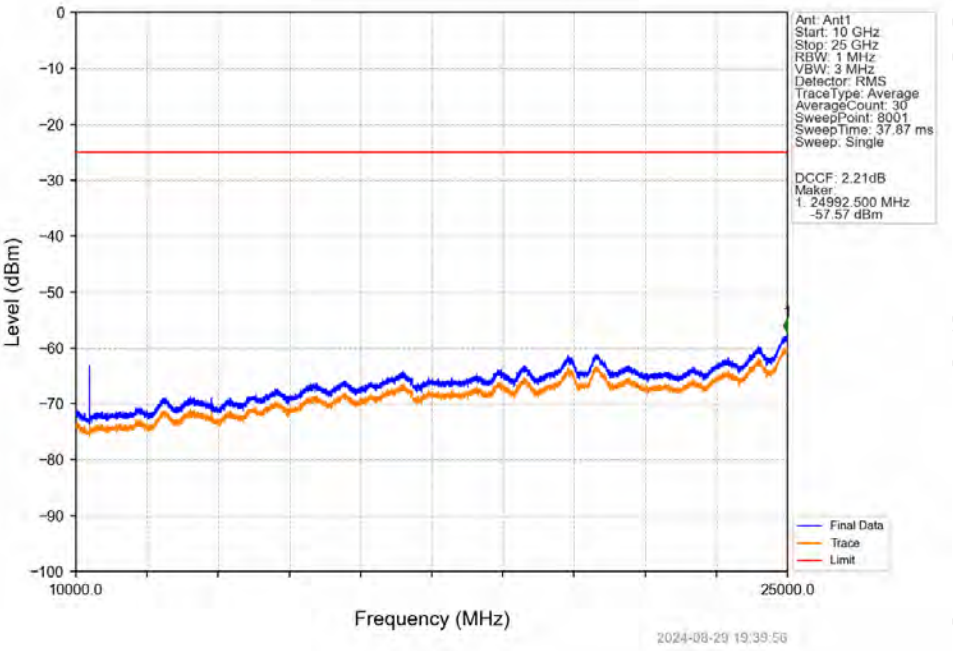
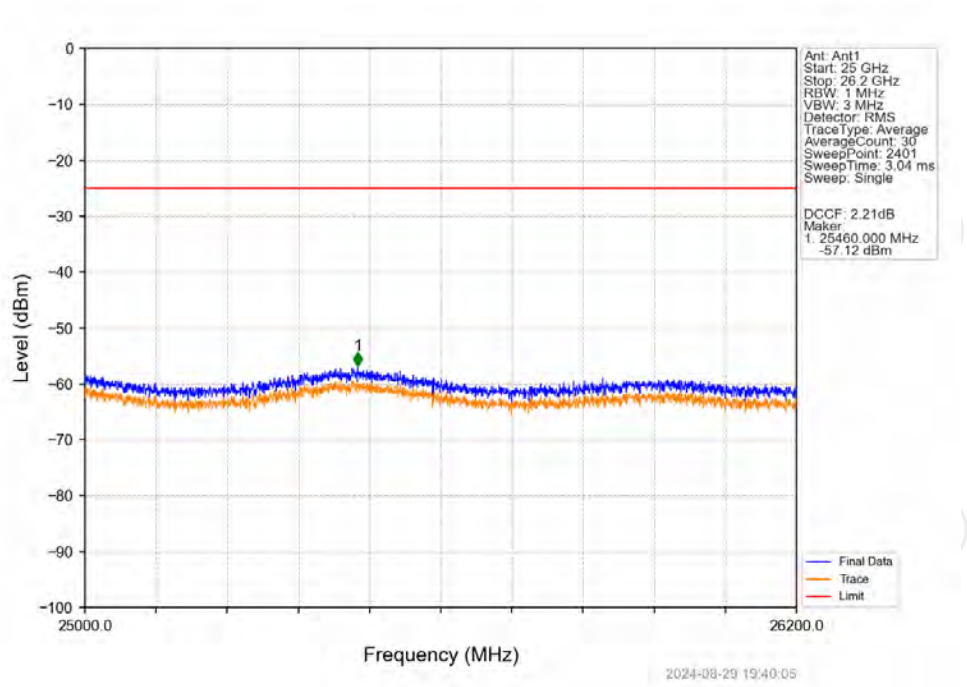
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



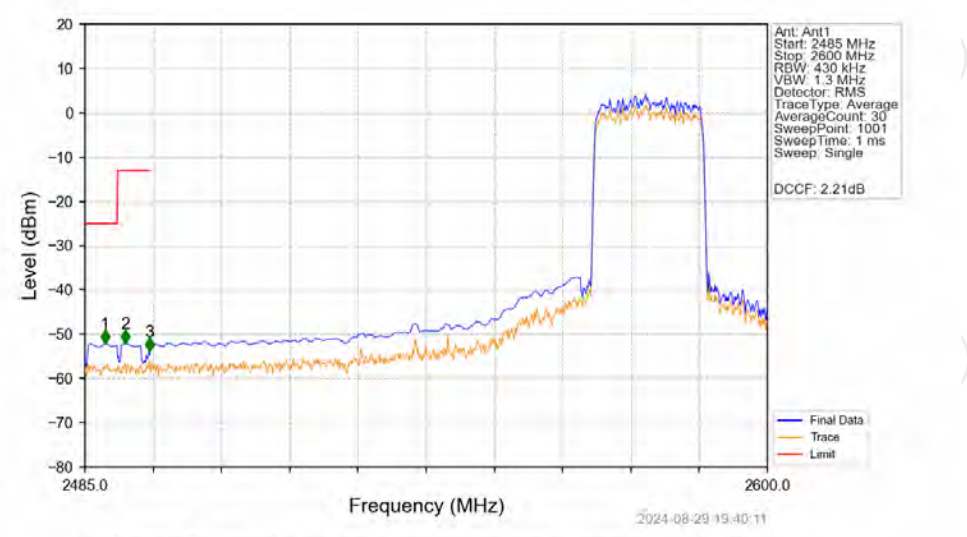
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_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	2488.335	-52.10	25	Pass
2490.5	2495	1	CHP	2	2491.785	-51.99	-13	Pass
2495	2496	1	CHP	3	2495.810	-53.81	-13	Pass
2496	2600	0.43	/	/	/	/	/	/

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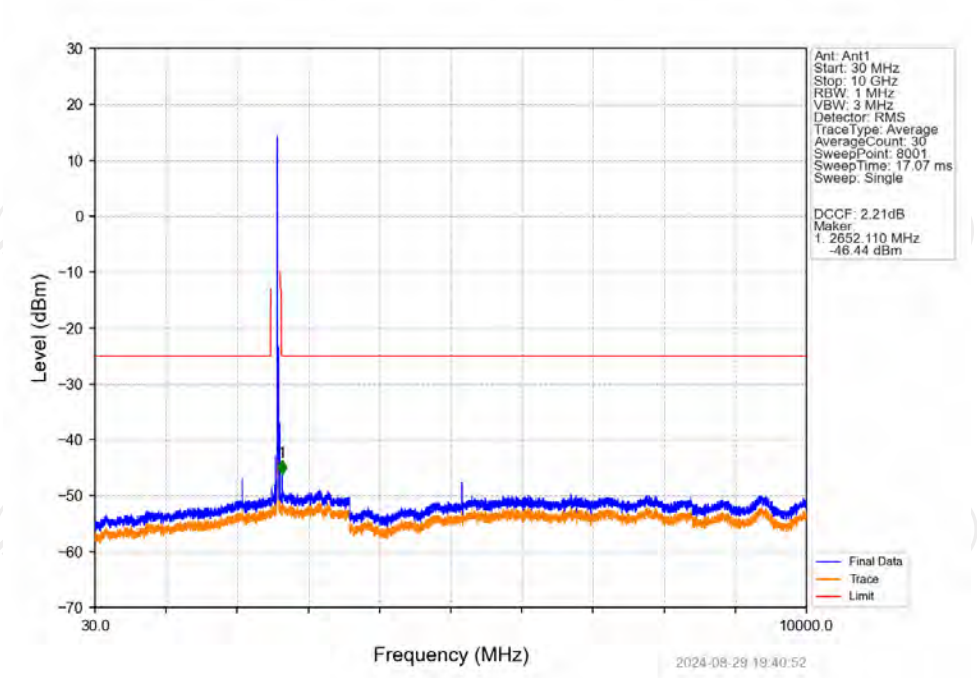
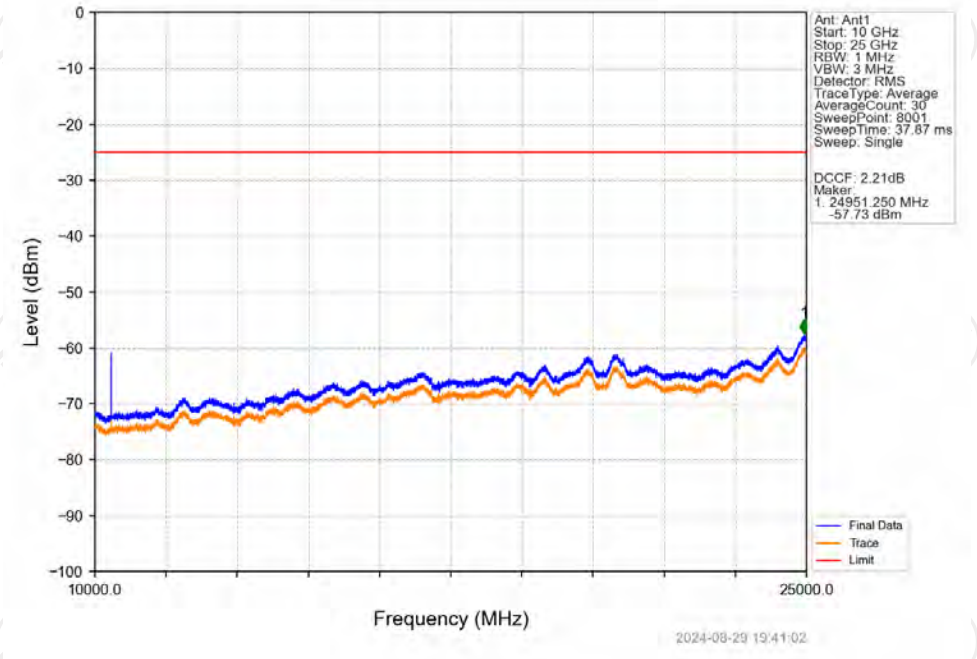
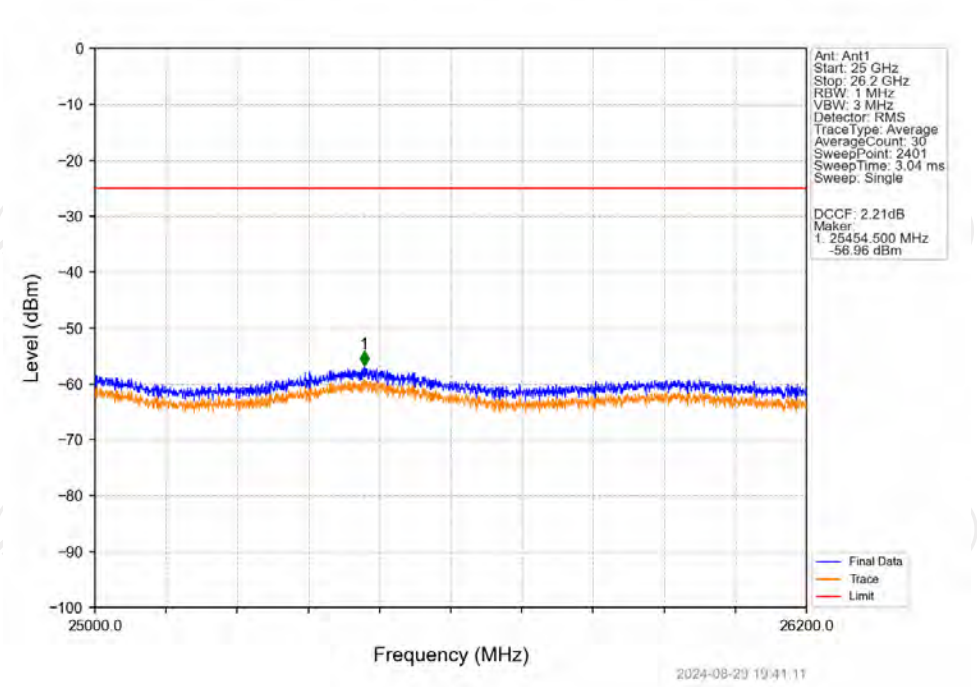
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



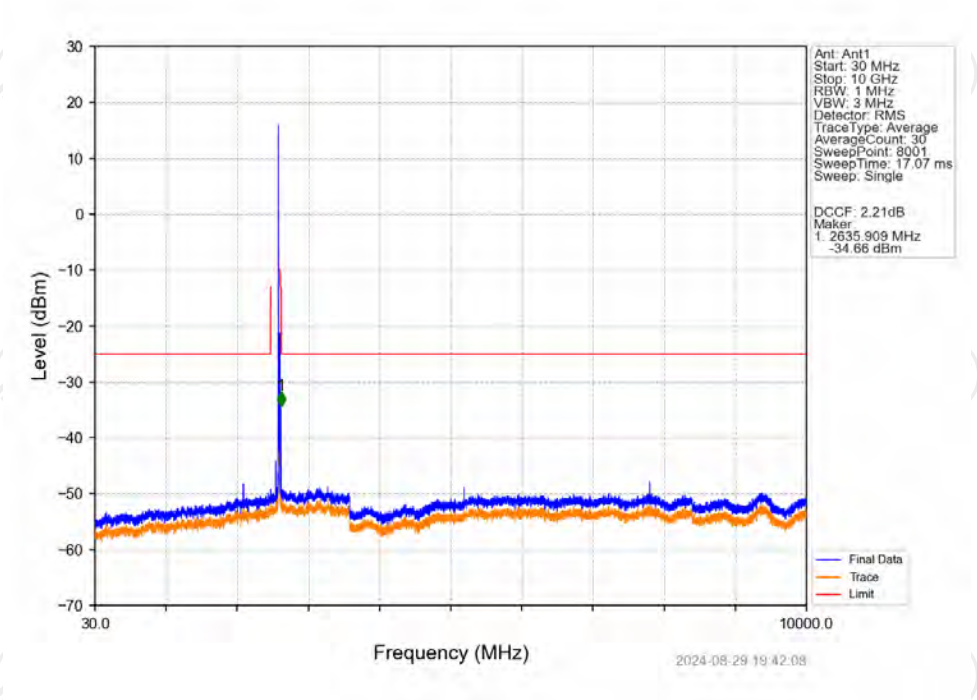
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



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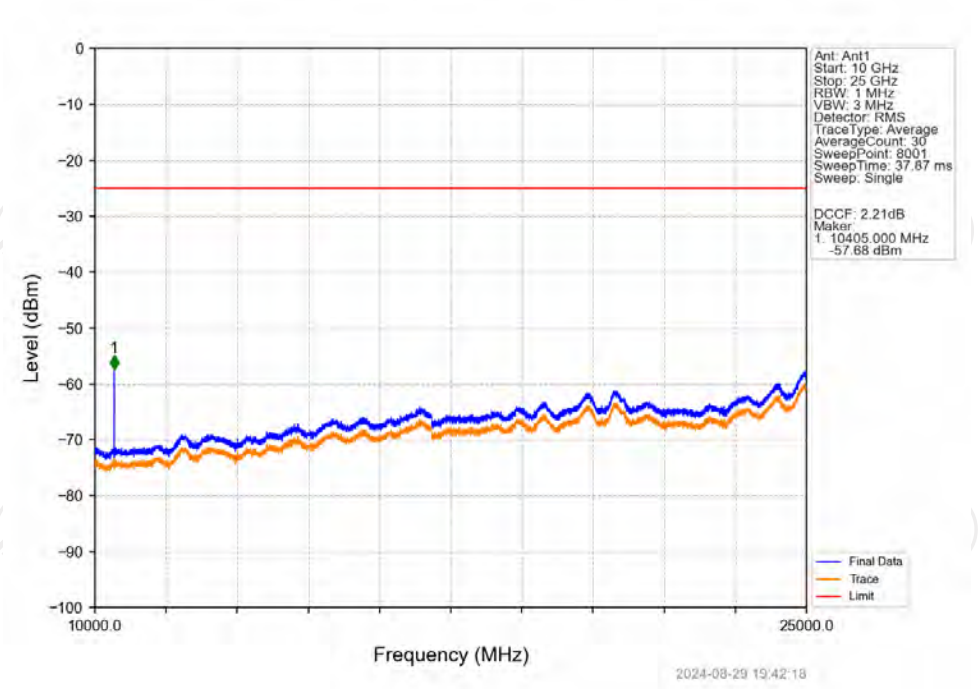
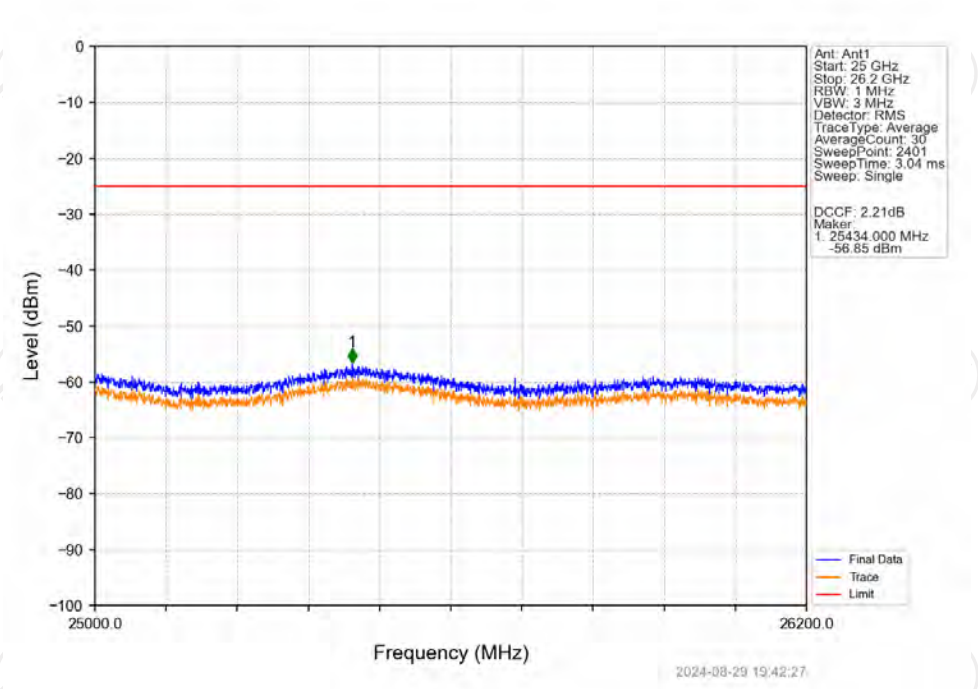
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



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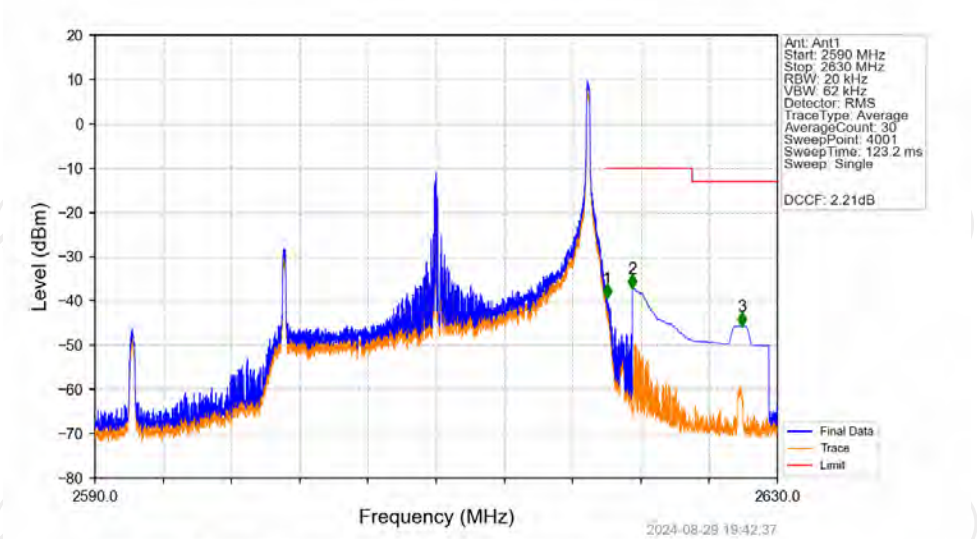
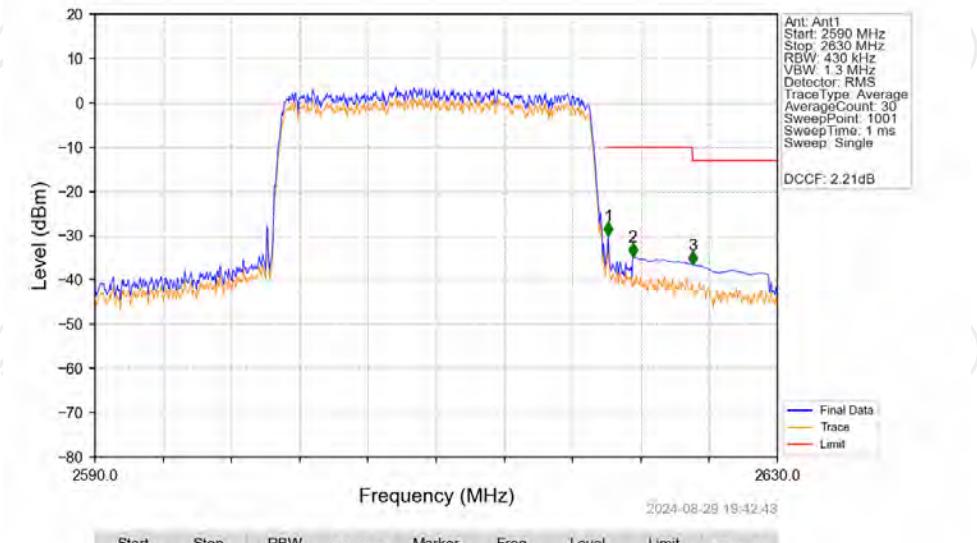
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-39.29	-10	Pass
2621	2625	1	CHP	2	2621.510	-37.17	-10	Pass
2625	2630	1	CHP	3	2627.940	-45.67	-13	Pass

Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.43	/	/	/	/	/	/
2620	2621	0.43	/	1	2620.080	-30.03	-10	Pass
2621	2625	1	CHP	2	2621.520	-34.72	-10	Pass
2625	2630	1	CHP	3	2625.040	-36.53	-13	Pass

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7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
38	5	2572.5	2617.5	0.0948	0.0022	ppm	4M55G7D	27M	19.77
38	5	2572.5	2617.5	0.0735	0.0020	ppm	4M58W7D	27M	18.66
38	10	2575	2615	0.0904	0.0027	ppm	9M06G7D	27M	19.56
38	10	2575	2615	0.0805	0.0021	ppm	9M06W7D	27M	19.06
38	15	2577.5	2612.5	0.0902	0.0019	ppm	13M5G7D	27M	19.55
38	15	2577.5	2612.5	0.0780	0.0020	ppm	13M6W7D	27M	18.92
38	20	2580	2610	0.0940	0.0024	ppm	18M1G7D	27M	19.73
38	20	2580	2610	0.0851	0.0022	ppm	18M0W7D	27M	19.30

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
38	5	2572.5	2617.5	0.1419	0.0022	ppm	4M55G7D	27M	21.52
38	5	2572.5	2617.5	0.1099	0.0020	ppm	4M58W7D	27M	20.41
38	10	2575	2615	0.1352	0.0027	ppm	9M06G7D	27M	21.31
38	10	2575	2615	0.1205	0.0021	ppm	9M06W7D	27M	20.81
38	15	2577.5	2612.5	0.1349	0.0019	ppm	13M5G7D	27M	21.30
38	15	2577.5	2612.5	0.1167	0.0020	ppm	13M6W7D	27M	20.67
38	20	2580	2610	0.1406	0.0024	ppm	18M1G7D	27M	21.48
38	20	2580	2610	0.1274	0.0022	ppm	18M0W7D	27M	21.05

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