

1. Effective (Isotropic) Radiated Power Output Data

1.1 B38_5MHz_EIRP

1.1.1 Test Result

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	24.61	-0.50	24.11	<=33.01	Pass
			13	24.34	-0.50	23.84	<=33.01	Pass
			24	24.39	-0.50	23.89	<=33.01	Pass
		12	0	23.39	-0.50	22.89	<=33.01	Pass
			6	23.43	-0.50	22.93	<=33.01	Pass
			13	23.42	-0.50	22.92	<=33.01	Pass
		25	0	23.44	-0.50	22.94	<=33.01	Pass
	2595	1	0	24.42	-0.50	23.92	<=33.01	Pass
			13	24.63	-0.50	24.13	<=33.01	Pass
			24	24.54	-0.50	24.04	<=33.01	Pass
		12	0	23.61	-0.50	23.11	<=33.01	Pass
			6	23.61	-0.50	23.11	<=33.01	Pass
			13	23.58	-0.50	23.08	<=33.01	Pass
		25	0	23.60	-0.50	23.10	<=33.01	Pass
	2617.5	1	0	24.24	-0.50	23.74	<=33.01	Pass
			13	24.48	-0.50	23.98	<=33.01	Pass
			24	24.45	-0.50	23.95	<=33.01	Pass
		12	0	23.41	-0.50	22.91	<=33.01	Pass
			6	23.44	-0.50	22.94	<=33.01	Pass
			13	23.41	-0.50	22.91	<=33.01	Pass
		25	0	23.41	-0.50	22.91	<=33.01	Pass
16QAM	2572.5	1	0	23.36	-0.50	22.86	<=33.01	Pass
			13	23.52	-0.50	23.02	<=33.01	Pass
			24	23.51	-0.50	23.01	<=33.01	Pass
		12	0	22.40	-0.50	21.90	<=33.01	Pass
			6	22.55	-0.50	22.05	<=33.01	Pass
			13	22.55	-0.50	22.05	<=33.01	Pass
		25	0	22.57	-0.50	22.07	<=33.01	Pass
	2595	1	0	23.68	-0.50	23.18	<=33.01	Pass
			13	23.58	-0.50	23.08	<=33.01	Pass
			24	23.57	-0.50	23.07	<=33.01	Pass
		12	0	22.59	-0.50	22.09	<=33.01	Pass
			6	22.61	-0.50	22.11	<=33.01	Pass
			13	22.64	-0.50	22.14	<=33.01	Pass
		25	0	22.61	-0.50	22.11	<=33.01	Pass
	2617.5	1	0	23.45	-0.50	22.95	<=33.01	Pass
			13	23.43	-0.50	22.93	<=33.01	Pass
			24	23.32	-0.50	22.82	<=33.01	Pass
		12	0	22.49	-0.50	21.99	<=33.01	Pass
			6	22.45	-0.50	21.95	<=33.01	Pass
			13	22.50	-0.50	22.00	<=33.01	Pass
		25	0	22.40	-0.50	21.90	<=33.01	Pass
64QAM	2572.5	1	0	23.64	-0.50	23.14	<=33.01	Pass
			13	23.62	-0.50	23.12	<=33.01	Pass
			24	23.71	-0.50	23.21	<=33.01	Pass
		12	0	22.72	-0.50	22.22	<=33.01	Pass

		25	6	22.72	-0.50	22.22	<=33.01	Pass	
			13	22.73	-0.50	22.23	<=33.01	Pass	
			0	22.73	-0.50	22.23	<=33.01	Pass	
	2595	1	0	22.59	-0.50	22.09	<=33.01	Pass	
			13	22.56	-0.50	22.06	<=33.01	Pass	
			24	22.55	-0.50	22.05	<=33.01	Pass	
		12	0	21.61	-0.50	21.11	<=33.01	Pass	
			6	21.61	-0.50	21.11	<=33.01	Pass	
			13	21.58	-0.50	21.08	<=33.01	Pass	
		25	0	21.56	-0.50	21.06	<=33.01	Pass	
		2617.5	1	0	22.55	-0.50	22.05	<=33.01	Pass
				13	22.46	-0.50	21.96	<=33.01	Pass
	24			22.41	-0.50	21.91	<=33.01	Pass	
	12		0	21.44	-0.50	20.94	<=33.01	Pass	
			6	21.43	-0.50	20.93	<=33.01	Pass	
			13	21.42	-0.50	20.92	<=33.01	Pass	
	25		0	21.41	-0.50	20.91	<=33.01	Pass	

256QAM	2572.5	1	0	19.63	-0.50	19.13	<=33.01	Pass
			13	19.83	-0.50	19.33	<=33.01	Pass
			24	19.61	-0.50	19.11	<=33.01	Pass
		12	0	19.78	-0.50	19.28	<=33.01	Pass
			6	19.84	-0.50	19.34	<=33.01	Pass
			13	19.74	-0.50	19.24	<=33.01	Pass
		25	0	19.76	-0.50	19.26	<=33.01	Pass
	2595	1	0	19.59	-0.50	19.09	<=33.01	Pass
			13	19.63	-0.50	19.13	<=33.01	Pass
			24	19.60	-0.50	19.10	<=33.01	Pass
		12	0	19.65	-0.50	19.15	<=33.01	Pass
			6	19.68	-0.50	19.18	<=33.01	Pass
			13	19.61	-0.50	19.11	<=33.01	Pass
		25	0	19.61	-0.50	19.11	<=33.01	Pass
	2617.5	1	0	19.31	-0.50	18.81	<=33.01	Pass
			13	19.54	-0.50	19.04	<=33.01	Pass
			24	19.45	-0.50	18.95	<=33.01	Pass
		12	0	19.42	-0.50	18.92	<=33.01	Pass
			6	19.46	-0.50	18.96	<=33.01	Pass
			13	19.45	-0.50	18.95	<=33.01	Pass
		25	0	19.46	-0.50	18.96	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B38_10MHz_EIRP

1.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	24.72	-0.50	24.22	<=33.01	Pass
			25	24.75	-0.50	24.25	<=33.01	Pass
			49	24.67	-0.50	24.17	<=33.01	Pass
		25	0	23.73	-0.50	23.23	<=33.01	Pass
			13	23.74	-0.50	23.24	<=33.01	Pass
			25	23.75	-0.50	23.25	<=33.01	Pass
		50	0	23.74	-0.50	23.24	<=33.01	Pass
	2595	1	0	24.45	-0.50	23.95	<=33.01	Pass

		25	25	24.59	-0.50	24.09	<=33.01	Pass
			49	24.48	-0.50	23.98	<=33.01	Pass
			0	23.62	-0.50	23.12	<=33.01	Pass
			13	23.63	-0.50	23.13	<=33.01	Pass
			25	23.57	-0.50	23.07	<=33.01	Pass
		50	0	23.60	-0.50	23.10	<=33.01	Pass
	2615	1	0	24.16	-0.50	23.66	<=33.01	Pass
			25	24.41	-0.50	23.91	<=33.01	Pass
			49	24.34	-0.50	23.84	<=33.01	Pass
		25	0	23.44	-0.50	22.94	<=33.01	Pass
			13	23.45	-0.50	22.95	<=33.01	Pass
			25	23.41	-0.50	22.91	<=33.01	Pass
		50	0	23.42	-0.50	22.92	<=33.01	Pass
16QAM	2575	1	0	23.73	-0.50	23.23	<=33.01	Pass
			25	23.74	-0.50	23.24	<=33.01	Pass
			49	23.80	-0.50	23.30	<=33.01	Pass
		25	0	22.72	-0.50	22.22	<=33.01	Pass
			13	22.79	-0.50	22.29	<=33.01	Pass
			25	22.72	-0.50	22.22	<=33.01	Pass
		50	0	22.75	-0.50	22.25	<=33.01	Pass
	2595	1	0	23.69	-0.50	23.19	<=33.01	Pass
			25	23.67	-0.50	23.17	<=33.01	Pass
			49	23.52	-0.50	23.02	<=33.01	Pass
		25	0	22.66	-0.50	22.16	<=33.01	Pass
			13	22.59	-0.50	22.09	<=33.01	Pass
			25	22.54	-0.50	22.04	<=33.01	Pass
		50	0	22.61	-0.50	22.11	<=33.01	Pass
	2615	1	0	23.43	-0.50	22.93	<=33.01	Pass
			25	23.50	-0.50	23.00	<=33.01	Pass
			49	23.40	-0.50	22.90	<=33.01	Pass
		25	0	22.42	-0.50	21.92	<=33.01	Pass
			13	22.43	-0.50	21.93	<=33.01	Pass
			25	22.39	-0.50	21.89	<=33.01	Pass
		50	0	22.42	-0.50	21.92	<=33.01	Pass
64QAM	2575	1	0	23.75	-0.50	23.25	<=33.01	Pass
			25	23.77	-0.50	23.65	<=33.01	Pass
			49	23.71	-0.50	23.21	<=33.01	Pass
		25	0	22.74	-0.50	22.24	<=33.01	Pass
			13	22.76	-0.50	22.26	<=33.01	Pass
			25	22.74	-0.50	22.24	<=33.01	Pass
		50	0	22.75	-0.50	22.25	<=33.01	Pass
	2595	1	0	22.61	-0.50	22.11	<=33.01	Pass
			25	22.58	-0.50	22.08	<=33.01	Pass
			49	22.50	-0.50	22.00	<=33.01	Pass
		25	0	21.60	-0.50	21.10	<=33.01	Pass
			13	21.61	-0.50	21.11	<=33.01	Pass
			25	21.55	-0.50	21.05	<=33.01	Pass
		50	0	21.59	-0.50	21.09	<=33.01	Pass
	2615	1	0	22.41	-0.50	21.91	<=33.01	Pass
			25	22.47	-0.50	21.97	<=33.01	Pass
			49	22.43	-0.50	21.93	<=33.01	Pass
		25	0	21.41	-0.50	20.91	<=33.01	Pass
			13	21.41	-0.50	20.91	<=33.01	Pass
			25	21.42	-0.50	20.92	<=33.01	Pass
		50	0	21.41	-0.50	20.91	<=33.01	Pass
256QAM	2575	1	0	19.60	-0.50	19.10	<=33.01	Pass
			25	19.70	-0.50	19.20	<=33.01	Pass

			49	19.58	-0.50	19.08	<=33.01	Pass
		25	0	19.76	-0.50	19.26	<=33.01	Pass
			13	19.76	-0.50	19.26	<=33.01	Pass
			25	19.76	-0.50	19.26	<=33.01	Pass
		50	0	19.75	-0.50	19.25	<=33.01	Pass
	2595	1	0	19.58	-0.50	19.08	<=33.01	Pass
			25	19.53	-0.50	19.03	<=33.01	Pass
			49	19.49	-0.50	18.99	<=33.01	Pass
		25	0	19.66	-0.50	19.16	<=33.01	Pass
			13	19.67	-0.50	19.17	<=33.01	Pass
			25	19.57	-0.50	19.07	<=33.01	Pass
		50	0	19.64	-0.50	19.14	<=33.01	Pass
		2615	1	0	19.29	-0.50	18.79	<=33.01
	25			19.45	-0.50	18.95	<=33.01	Pass
	49			19.26	-0.50	18.76	<=33.01	Pass
	25		0	19.34	-0.50	18.84	<=33.01	Pass
			13	19.38	-0.50	18.88	<=33.01	Pass
			25	19.34	-0.50	18.84	<=33.01	Pass
	50		0	19.36	-0.50	18.86	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.3 B38_15MHz_EIRP

1.3.1 Test Result

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	24.50	-0.50	24.00	<=33.01	Pass
			38	24.44	-0.50	23.94	<=33.01	Pass
			74	24.46	-0.50	23.96	<=33.01	Pass
		36	0	23.51	-0.50	23.01	<=33.01	Pass
			18	23.56	-0.50	23.06	<=33.01	Pass
			39	23.55	-0.50	23.05	<=33.01	Pass
		75	0	23.54	-0.50	23.04	<=33.01	Pass
	2595	1	0	24.45	-0.50	23.95	<=33.01	Pass
			38	24.37	-0.50	23.87	<=33.01	Pass
			74	24.20	-0.50	23.70	<=33.01	Pass
		36	0	23.46	-0.50	22.96	<=33.01	Pass
			18	23.41	-0.50	22.91	<=33.01	Pass
			39	23.35	-0.50	22.85	<=33.01	Pass
		75	0	23.41	-0.50	22.91	<=33.01	Pass
	2612.5	1	0	24.21	-0.50	23.71	<=33.01	Pass
			38	24.16	-0.50	23.66	<=33.01	Pass
			74	24.13	-0.50	23.63	<=33.01	Pass
		36	0	23.26	-0.50	22.76	<=33.01	Pass
			18	23.23	-0.50	22.73	<=33.01	Pass
			39	23.22	-0.50	22.72	<=33.01	Pass
		75	0	23.23	-0.50	22.73	<=33.01	Pass
16QAM	2577.5	1	0	23.59	-0.50	23.09	<=33.01	Pass
			38	23.49	-0.50	22.99	<=33.01	Pass
			74	23.47	-0.50	22.97	<=33.01	Pass
		36	0	22.52	-0.50	22.02	<=33.01	Pass
			18	22.53	-0.50	22.03	<=33.01	Pass
			39	22.53	-0.50	22.03	<=33.01	Pass

		75	0	22.55	-0.50	22.05	<=33.01	Pass
	2595	1	0	23.41	-0.50	22.91	<=33.01	Pass
			38	23.41	-0.50	22.91	<=33.01	Pass
			74	23.21	-0.50	22.71	<=33.01	Pass
			0	22.46	-0.50	21.96	<=33.01	Pass
		36	18	22.39	-0.50	21.89	<=33.01	Pass
			39	22.37	-0.50	21.87	<=33.01	Pass
			75	0	22.39	-0.50	21.89	<=33.01
	2612.5	1	0	23.08	-0.50	22.58	<=33.01	Pass
			38	23.16	-0.50	22.66	<=33.01	Pass
			74	22.98	-0.50	22.48	<=33.01	Pass
		36	0	22.25	-0.50	21.75	<=33.01	Pass
			18	22.21	-0.50	21.71	<=33.01	Pass
			39	22.23	-0.50	21.73	<=33.01	Pass
		75	0	22.22	-0.50	21.72	<=33.01	Pass
64QAM	2577.5	1	0	22.41	-0.50	21.91	<=33.01	Pass
			38	22.57	-0.50	22.07	<=33.01	Pass
			74	22.50	-0.50	22.00	<=33.01	Pass
		36	0	21.54	-0.50	21.04	<=33.01	Pass
			18	21.56	-0.50	21.06	<=33.01	Pass
			39	21.53	-0.50	21.03	<=33.01	Pass
		75	0	21.55	-0.50	21.05	<=33.01	Pass
	2595	1	0	22.52	-0.50	22.02	<=33.01	Pass
			38	22.42	-0.50	21.92	<=33.01	Pass
			74	22.25	-0.50	21.75	<=33.01	Pass
		36	0	21.44	-0.50	20.94	<=33.01	Pass
			18	21.42	-0.50	20.92	<=33.01	Pass
			39	21.36	-0.50	20.86	<=33.01	Pass
		75	0	21.41	-0.50	20.91	<=33.01	Pass
	2612.5	1	0	22.24	-0.50	21.74	<=33.01	Pass
			38	22.33	-0.50	21.83	<=33.01	Pass
			74	22.23	-0.50	21.73	<=33.01	Pass
		36	0	21.22	-0.50	20.72	<=33.01	Pass
			18	21.24	-0.50	20.74	<=33.01	Pass
			39	21.18	-0.50	20.68	<=33.01	Pass
		75	0	21.21	-0.50	20.71	<=33.01	Pass
256QAM	2577.5	1	0	19.48	-0.50	18.98	<=33.01	Pass
			38	19.46	-0.50	18.96	<=33.01	Pass
			74	19.58	-0.50	19.08	<=33.01	Pass
		36	0	19.57	-0.50	19.07	<=33.01	Pass
			18	19.53	-0.50	19.03	<=33.01	Pass
			39	19.53	-0.50	19.03	<=33.01	Pass
		75	0	19.52	-0.50	19.02	<=33.01	Pass
	2595	1	0	19.50	-0.50	19.00	<=33.01	Pass
			38	19.44	-0.50	18.94	<=33.01	Pass
			74	19.36	-0.50	18.86	<=33.01	Pass
		36	0	19.45	-0.50	18.95	<=33.01	Pass
			18	19.43	-0.50	18.93	<=33.01	Pass
			39	19.36	-0.50	18.86	<=33.01	Pass
		75	0	19.44	-0.50	18.94	<=33.01	Pass
	2612.5	1	0	19.20	-0.50	18.70	<=33.01	Pass
			38	19.20	-0.50	18.70	<=33.01	Pass
			74	19.04	-0.50	18.54	<=33.01	Pass
		36	0	19.26	-0.50	18.76	<=33.01	Pass
			18	19.24	-0.50	18.74	<=33.01	Pass
			39	19.21	-0.50	18.71	<=33.01	Pass
		75	0	19.24	-0.50	18.74	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B38_20MHz_EIRP

1.4.1 Test Result

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	24.46	-0.50	23.96	<=33.01	Pass
			50	24.50	-0.50	24.00	<=33.01	Pass
			99	24.37	-0.50	23.87	<=33.01	Pass
		50	0	23.52	-0.50	23.02	<=33.01	Pass
			25	23.52	-0.50	23.02	<=33.01	Pass
			50	23.49	-0.50	22.99	<=33.01	Pass
		100	0	23.51	-0.50	23.01	<=33.01	Pass
	2595	1	0	24.46	-0.50	23.96	<=33.01	Pass
			50	24.39	-0.50	23.89	<=33.01	Pass
			99	24.19	-0.50	23.69	<=33.01	Pass
		50	0	23.47	-0.50	22.97	<=33.01	Pass
			25	23.41	-0.50	22.91	<=33.01	Pass
			50	23.34	-0.50	22.84	<=33.01	Pass
		100	0	23.40	-0.50	22.90	<=33.01	Pass
	2610	1	0	24.24	-0.50	23.74	<=33.01	Pass
			50	24.17	-0.50	23.67	<=33.01	Pass
			99	24.08	-0.50	23.58	<=33.01	Pass
		50	0	23.65	-0.50	22.77	<=33.01	Pass
			25	23.28	-0.50	22.78	<=33.01	Pass
			50	23.24	-0.50	22.74	<=33.01	Pass
		100	0	23.24	-0.50	22.74	<=33.01	Pass
16QAM	2580	1	0	23.60	-0.50	23.10	<=33.01	Pass
			50	23.56	-0.50	23.06	<=33.01	Pass
			99	23.52	-0.50	23.02	<=33.01	Pass
		50	0	22.54	-0.50	22.04	<=33.01	Pass
			25	22.55	-0.50	22.05	<=33.01	Pass
			50	22.51	-0.50	22.01	<=33.01	Pass
		100	0	22.51	-0.50	22.01	<=33.01	Pass
	2595	1	0	23.52	-0.50	23.02	<=33.01	Pass
			50	23.65	-0.50	23.15	<=33.01	Pass
			99	23.22	-0.50	22.72	<=33.01	Pass
		50	0	22.46	-0.50	21.96	<=33.01	Pass
			25	22.43	-0.50	21.93	<=33.01	Pass
			50	22.35	-0.50	21.85	<=33.01	Pass
		100	0	22.42	-0.50	21.92	<=33.01	Pass
	2610	1	0	23.47	-0.50	22.97	<=33.01	Pass
			50	23.29	-0.50	22.79	<=33.01	Pass
			99	23.11	-0.50	22.61	<=33.01	Pass
		50	0	22.29	-0.50	21.79	<=33.01	Pass
			25	22.27	-0.50	21.77	<=33.01	Pass
			50	22.24	-0.50	21.74	<=33.01	Pass
		100	0	22.25	-0.50	21.75	<=33.01	Pass
64QAM	2580	1	0	22.46	-0.50	21.96	<=33.01	Pass
			50	22.47	-0.50	21.97	<=33.01	Pass
			99	22.35	-0.50	21.85	<=33.01	Pass
		50	0	21.53	-0.50	21.03	<=33.01	Pass

		100	25	21.52	-0.50	21.02	<=33.01	Pass	
			50	21.48	-0.50	20.98	<=33.01	Pass	
			0	21.52	-0.50	21.02	<=33.01	Pass	
	2595	1	0	22.30	-0.50	21.80	<=33.01	Pass	
			50	22.39	-0.50	21.89	<=33.01	Pass	
			99	22.14	-0.50	21.64	<=33.01	Pass	
		50	0	21.47	-0.50	20.97	<=33.01	Pass	
			25	21.43	-0.50	20.93	<=33.01	Pass	
			50	21.34	-0.50	20.84	<=33.01	Pass	
		100	0	21.38	-0.50	20.88	<=33.01	Pass	
		2610	1	0	23.43	-0.50	22.93	<=33.01	Pass
				50	23.28	-0.50	22.78	<=33.01	Pass
	99			23.12	-0.50	22.62	<=33.01	Pass	
	50		0	22.26	-0.50	21.76	<=33.01	Pass	
			25	22.25	-0.50	21.75	<=33.01	Pass	
			50	22.25	-0.50	21.75	<=33.01	Pass	
	100	0	22.27	-0.50	21.77	<=33.01	Pass		
256QAM	2580	1	0	19.43	-0.50	18.93	<=33.01	Pass	
			50	19.46	-0.50	18.96	<=33.01	Pass	
			99	19.44	-0.50	18.94	<=33.01	Pass	
		50	0	19.51	-0.50	19.01	<=33.01	Pass	
			25	19.53	-0.50	19.03	<=33.01	Pass	
			50	19.49	-0.50	18.99	<=33.01	Pass	
		100	0	19.51	-0.50	19.01	<=33.01	Pass	
	2595	1	0	19.49	-0.50	18.99	<=33.01	Pass	
			50	19.33	-0.50	18.83	<=33.01	Pass	
			99	19.11	-0.50	18.61	<=33.01	Pass	
		50	0	19.45	-0.50	18.95	<=33.01	Pass	
			25	19.40	-0.50	18.90	<=33.01	Pass	
			50	19.35	-0.50	18.85	<=33.01	Pass	
		100	0	19.41	-0.50	18.91	<=33.01	Pass	
	2610	1	0	19.26	-0.50	18.76	<=33.01	Pass	
			50	19.23	-0.50	18.73	<=33.01	Pass	
			99	19.21	-0.50	18.71	<=33.01	Pass	
		50	0	19.26	-0.50	18.76	<=33.01	Pass	
			25	19.25	-0.50	18.75	<=33.01	Pass	
			50	19.23	-0.50	18.73	<=33.01	Pass	
		100	0	19.24	-0.50	18.74	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 B38_20MHz

2.1.1 Test Result

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	3.65	-3.233	-0.0013	-2.5 to 2.5	Pass
					3.87	-2.117	-0.0008	-2.5 to 2.5	Pass
					4.45	-2.775	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	-1.702	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.215	-0.0001	-2.5 to 2.5	Pass

				-10	3.87	-4.706	-0.0018	-2.5 to 2.5	Pass
				0	3.87	-2.189	-0.0008	-2.5 to 2.5	Pass
				10	3.87	-5.379	-0.0021	-2.5 to 2.5	Pass
				30	3.87	-0.458	-0.0002	-2.5 to 2.5	Pass
				40	3.87	-2.260	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-2.146	-0.0008	-2.5 to 2.5	Pass
	2595	100	0	20	3.65	-1.688	-0.0007	-2.5 to 2.5	Pass
					3.87	-2.103	-0.0008	-2.5 to 2.5	Pass
					4.45	-2.890	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	-3.204	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-3.905	-0.0015	-2.5 to 2.5	Pass
				-10	3.87	-0.973	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-2.632	-0.0010	-2.5 to 2.5	Pass
				10	3.87	-0.186	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-0.629	-0.0002	-2.5 to 2.5	Pass
				40	3.87	-2.418	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-1.330	-0.0005	-2.5 to 2.5	Pass
	2610	100	0	20	3.65	0.043	0.0000	-2.5 to 2.5	Pass
					3.87	-4.106	-0.0016	-2.5 to 2.5	Pass
					4.45	-3.133	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	-1.516	-0.0006	-2.5 to 2.5	Pass
				-20	3.87	-1.817	-0.0007	-2.5 to 2.5	Pass
				-10	3.87	-1.273	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-0.715	-0.0003	-2.5 to 2.5	Pass
				10	3.87	-2.961	-0.0011	-2.5 to 2.5	Pass
				30	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-2.174	-0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

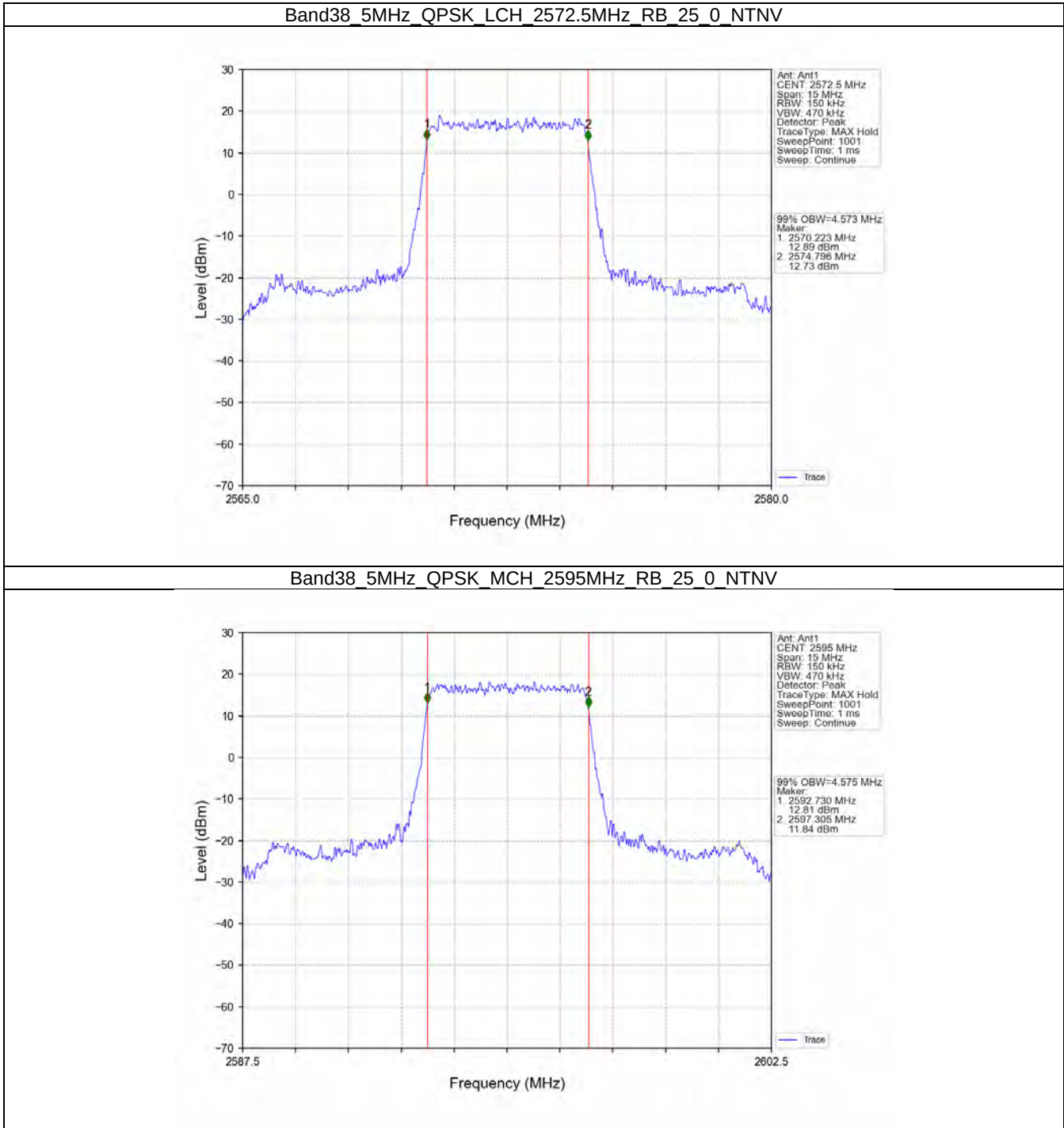
3.1 Band38_OBW

3.1.1 Test Result

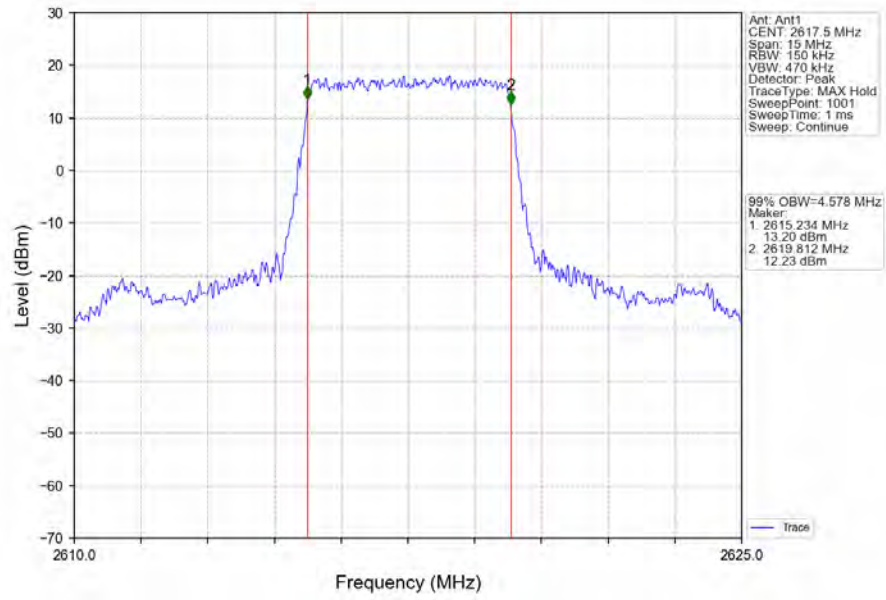
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.573	/	Pass
		2595	25	0	4.575	/	Pass
		2617.5	25	0	4.578	/	Pass
	16QAM	2572.5	25	0	4.581	/	Pass
		2595	25	0	4.568	/	Pass
		2617.5	25	0	4.585	/	Pass
	64QAM	2572.5	25	0	4.565	/	Pass
		2595	25	0	4.563	/	Pass
		2617.5	25	0	4.566	/	Pass
	256QAM	2572.5	25	0	4.572	/	Pass
		2595	25	0	4.564	/	Pass
		2617.5	25	0	4.572	/	Pass
10	QPSK	2575	50	0	9.149	/	Pass
		2595	50	0	9.095	/	Pass
		2615	50	0	9.079	/	Pass
	16QAM	2575	50	0	9.077	/	Pass

		2595	50	0	9.098	/	Pass
		2615	50	0	9.091	/	Pass
	64QAM	2575	50	0	9.078	/	Pass
		2595	50	0	9.083	/	Pass
		2615	50	0	9.048	/	Pass
	256QAM	2575	50	0	9.104	/	Pass
		2595	50	0	9.068	/	Pass
		2615	50	0	9.067	/	Pass
15	QPSK	2577.5	75	0	13.581	/	Pass
		2595	75	0	13.563	/	Pass
		2612.5	75	0	13.599	/	Pass
	16QAM	2577.5	75	0	13.624	/	Pass
		2595	75	0	13.575	/	Pass
		2612.5	75	0	13.638	/	Pass
	64QAM	2577.5	75	0	13.611	/	Pass
		2595	75	0	13.647	/	Pass
		2612.5	75	0	13.611	/	Pass
	256QAM	2577.5	75	0	13.632	/	Pass
		2595	75	0	13.599	/	Pass
		2612.5	75	0	13.609	/	Pass
20	QPSK	2580	100	0	18.156	/	Pass
		2595	100	0	18.213	/	Pass
		2610	100	0	18.128	/	Pass
	16QAM	2580	100	0	18.183	/	Pass
		2595	100	0	18.111	/	Pass
		2610	100	0	18.153	/	Pass
	64QAM	2580	100	0	18.171	/	Pass
		2595	100	0	18.089	/	Pass
		2610	100	0	18.151	/	Pass
	256QAM	2580	100	0	18.104	/	Pass
		2595	100	0	18.110	/	Pass
		2610	100	0	18.147	/	Pass

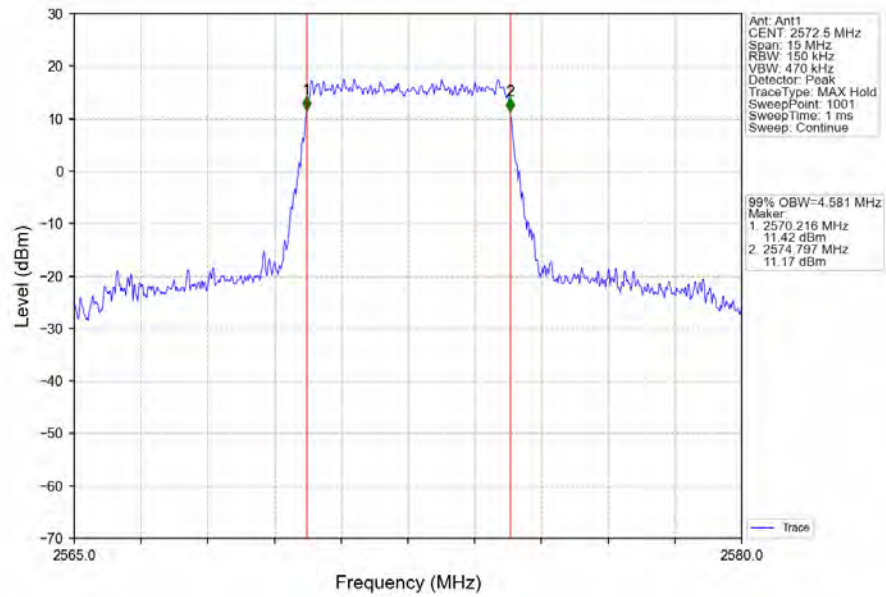
3.1.2 Test Graph



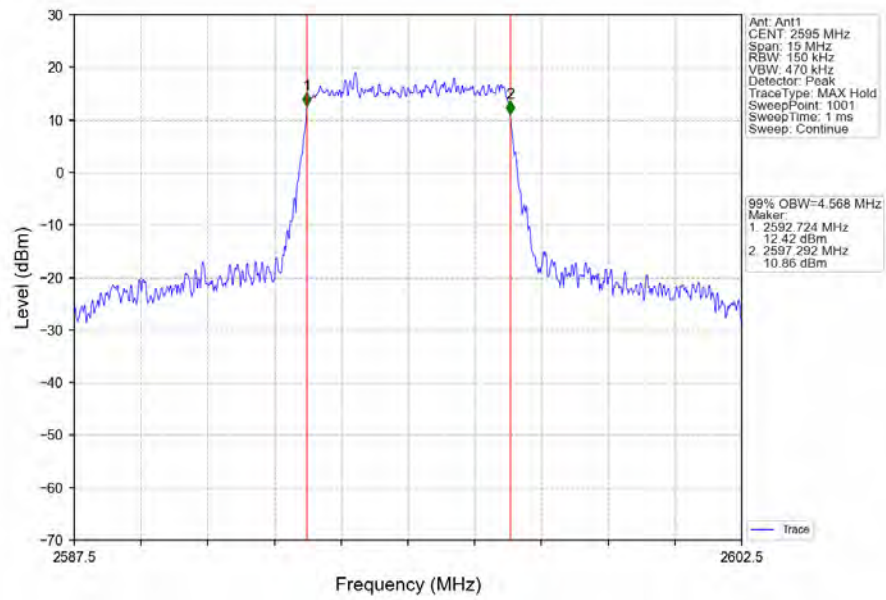
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



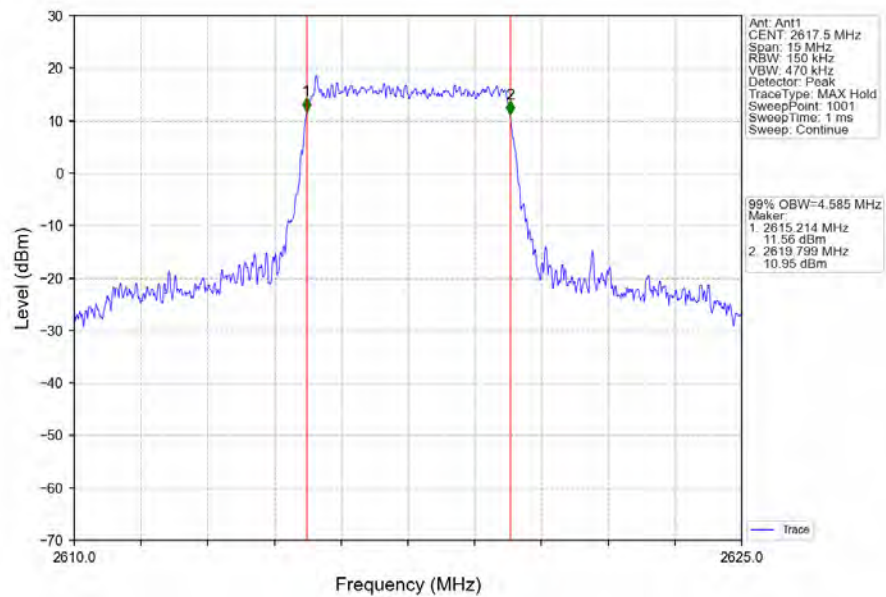
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



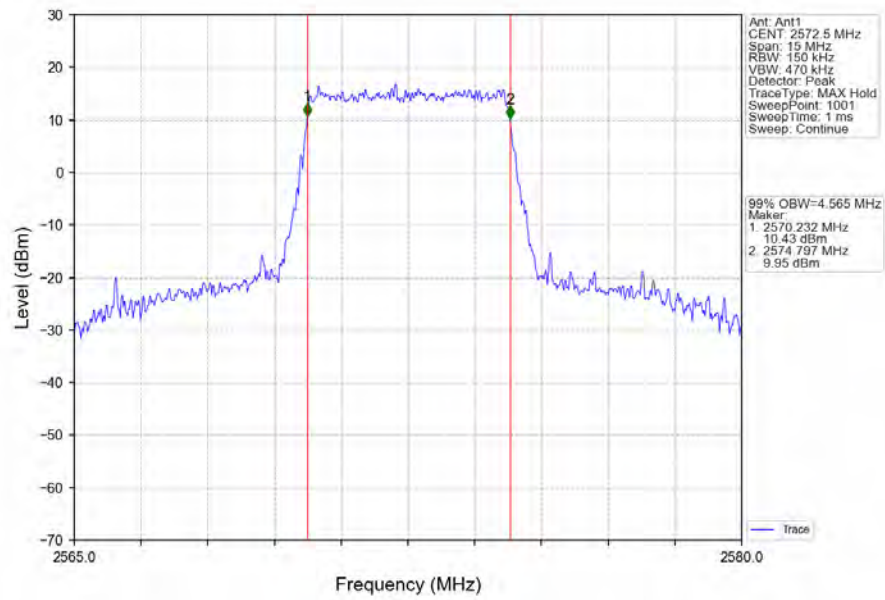
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



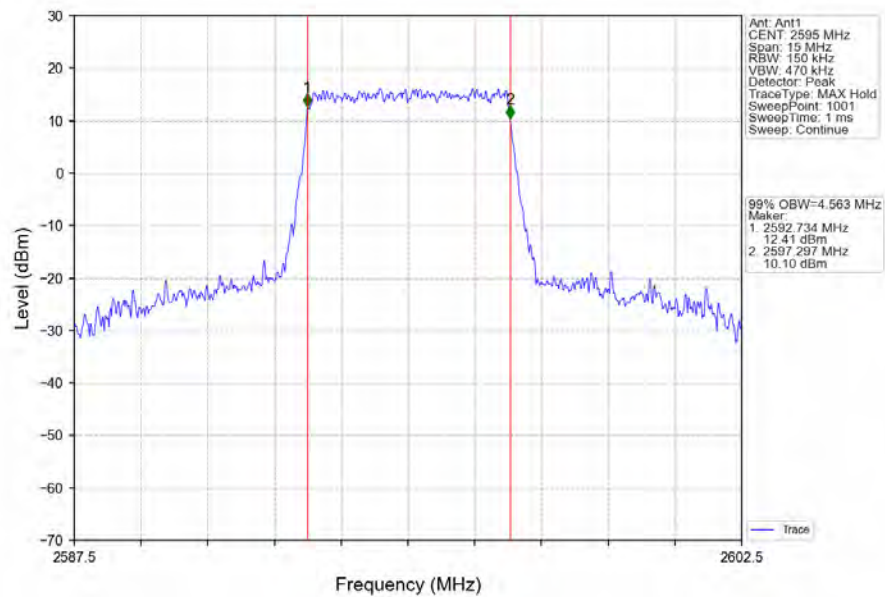
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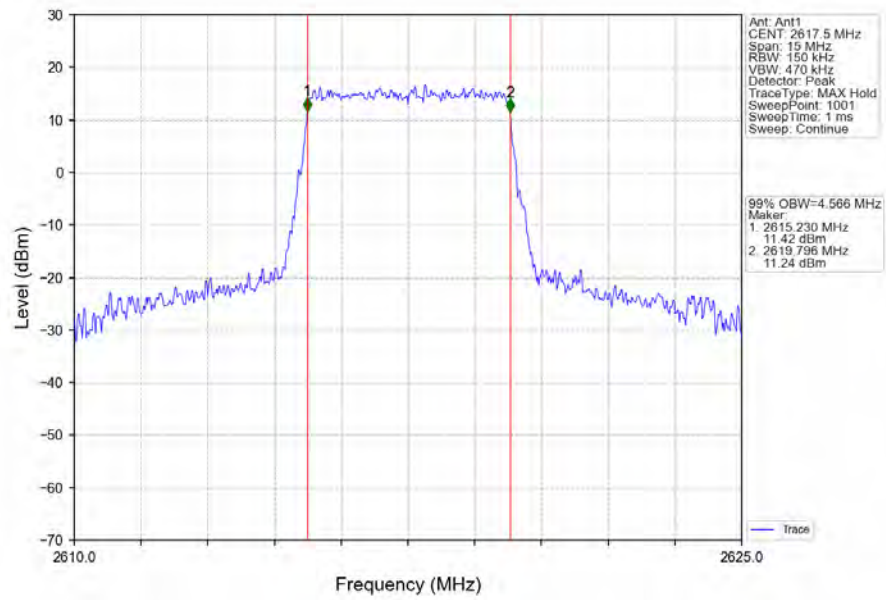
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



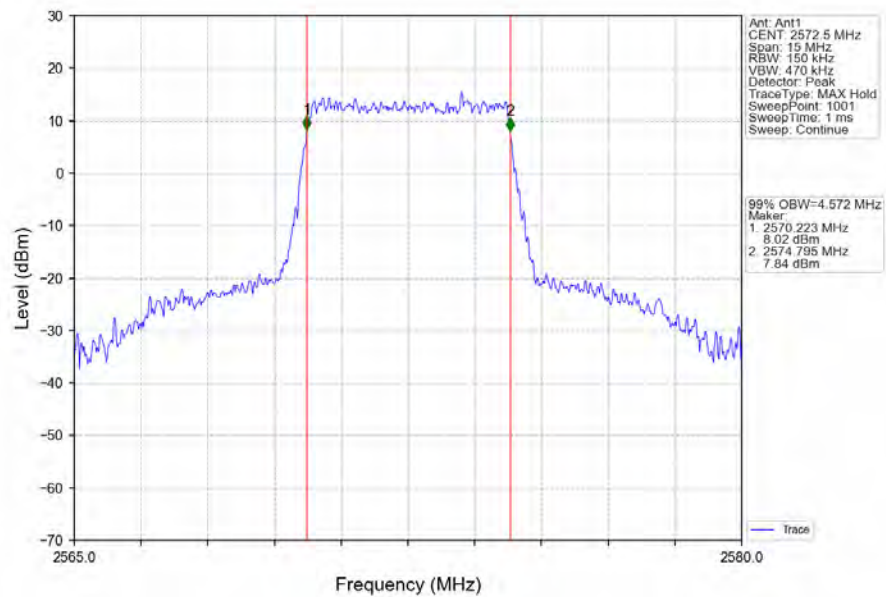
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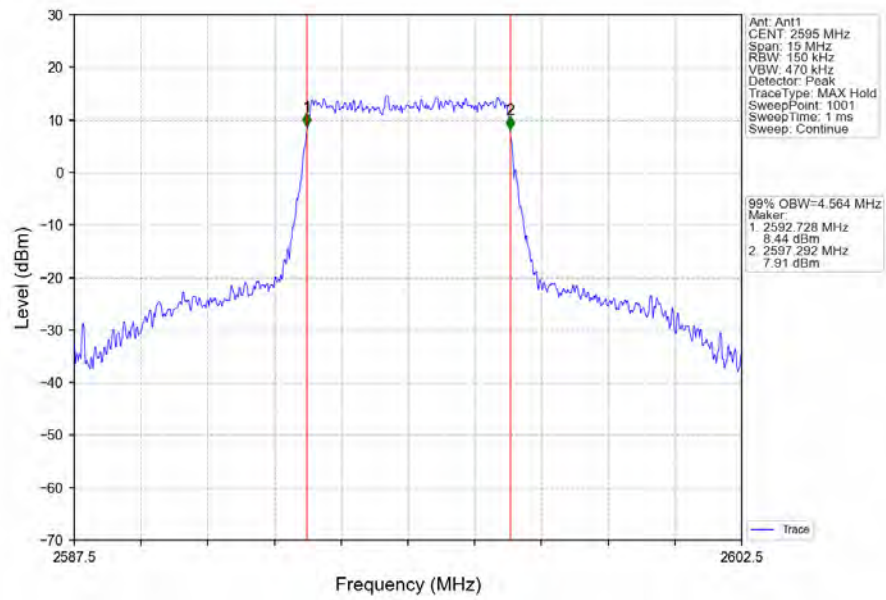
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



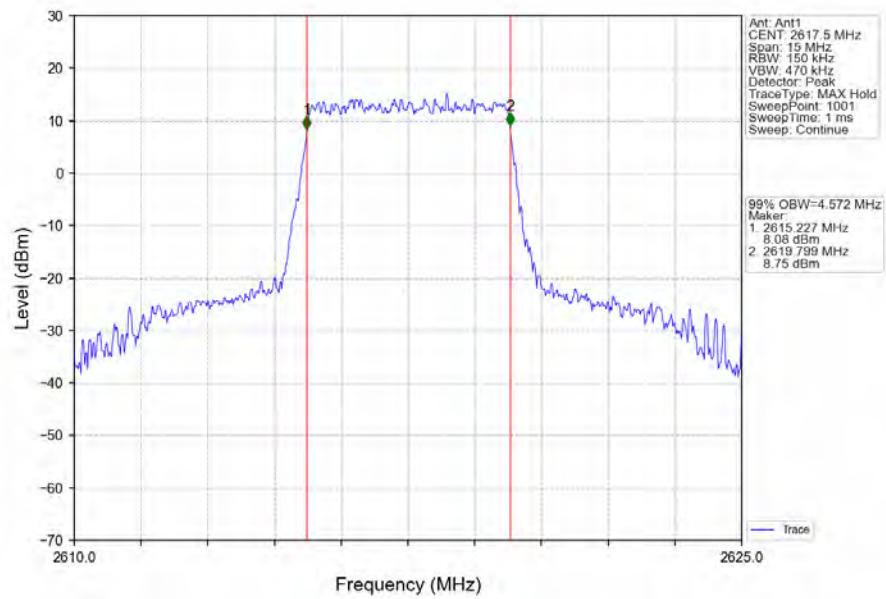
Band38_5MHz_256QAM_LCH_2572.5MHz_RB_25_0_NTNV



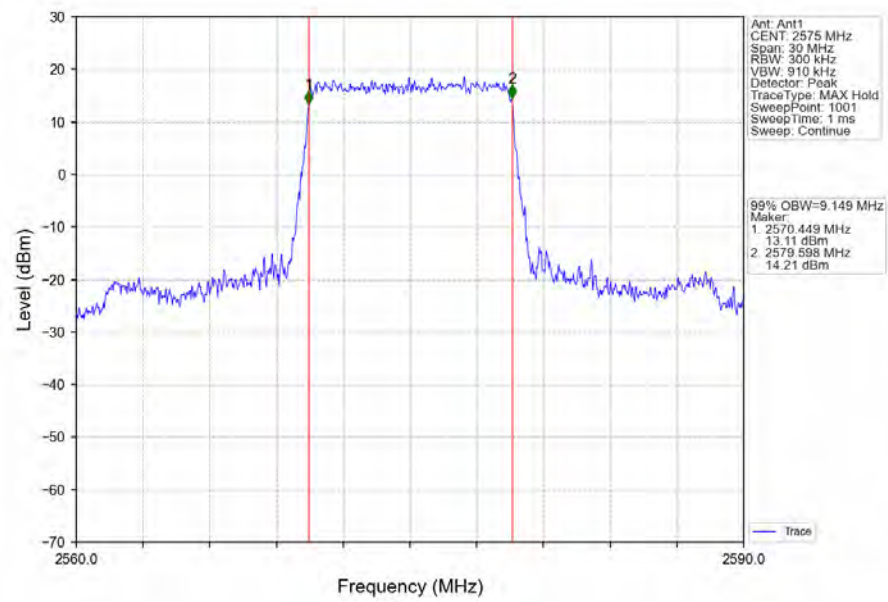
Band38_5MHz_256QAM_MCH_2595MHz_RB_25_0_NTNV



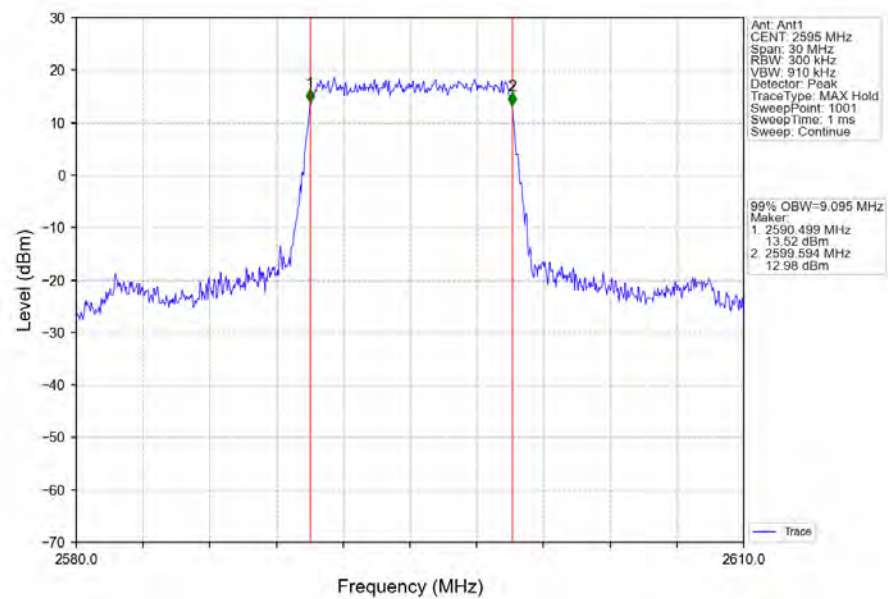
Band38_5MHz_256QAM_HCH_2617.5MHz_RB_25_0_NTNV



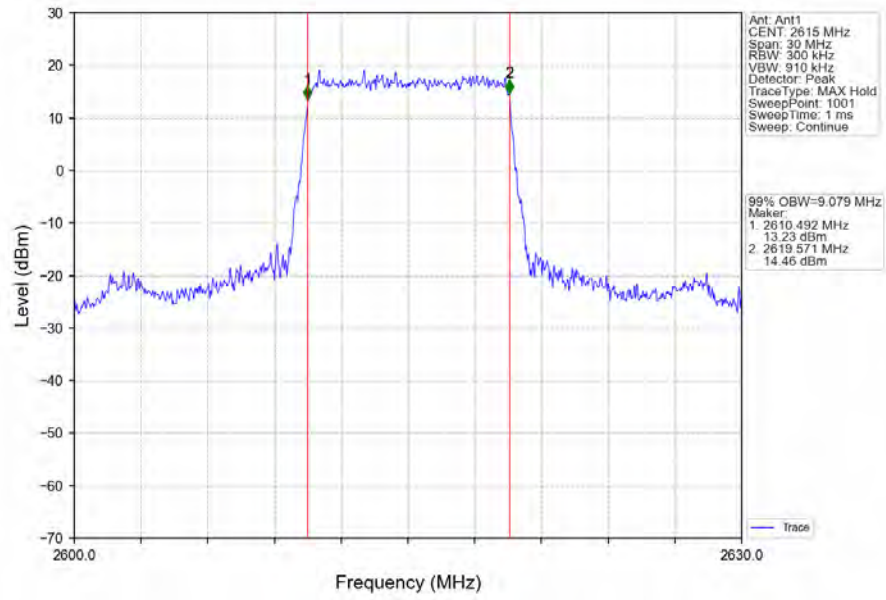
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



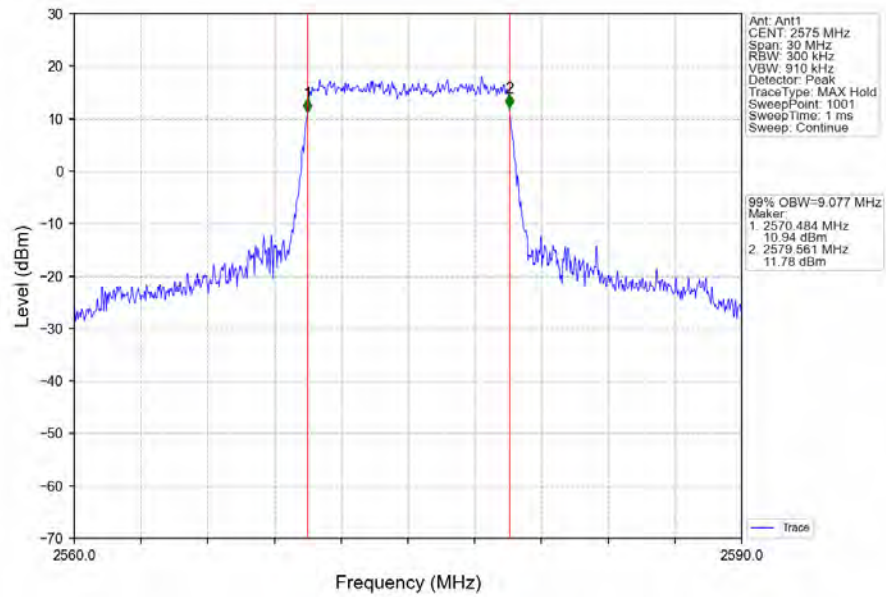
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



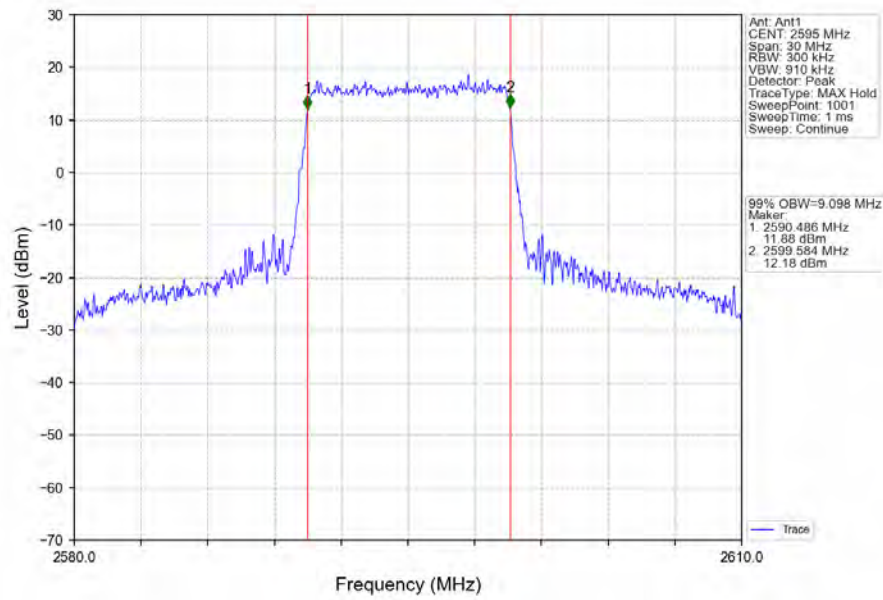
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



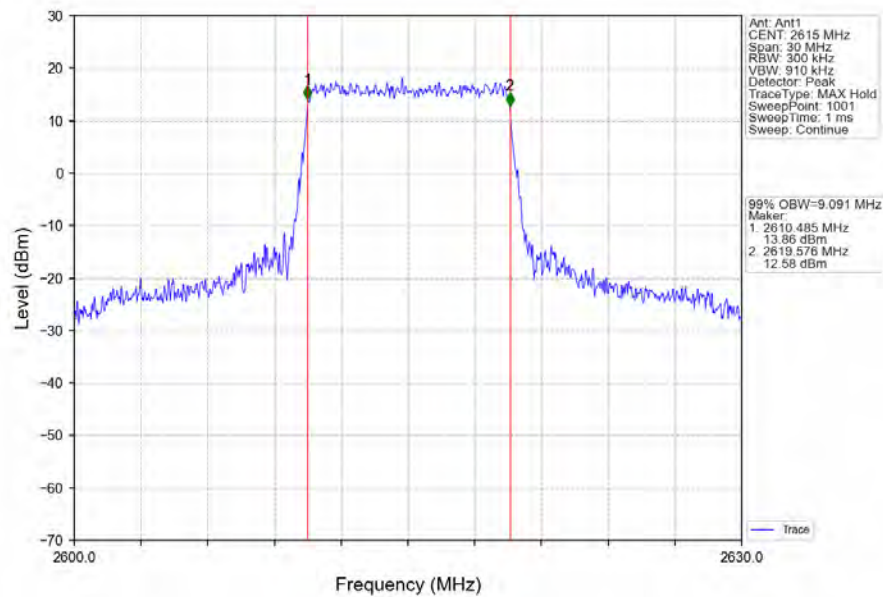
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



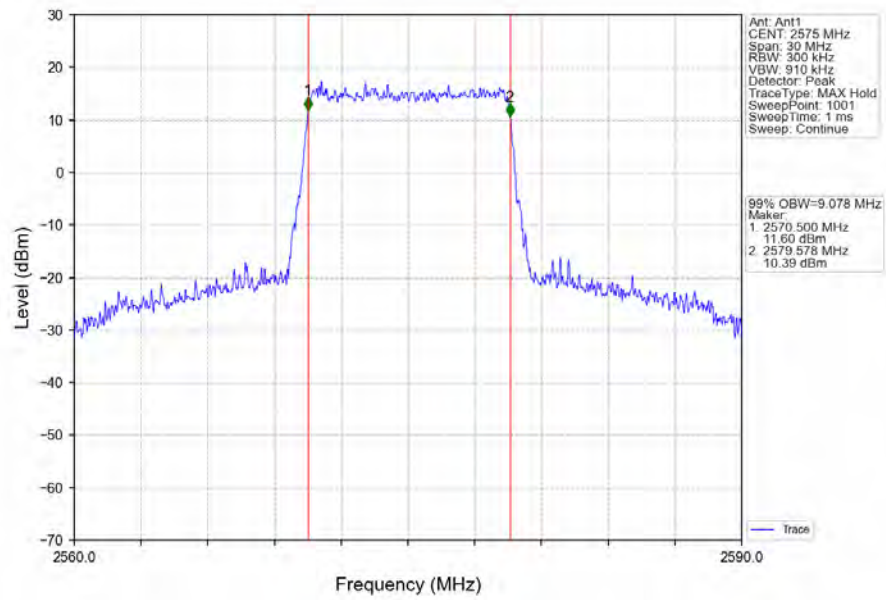
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



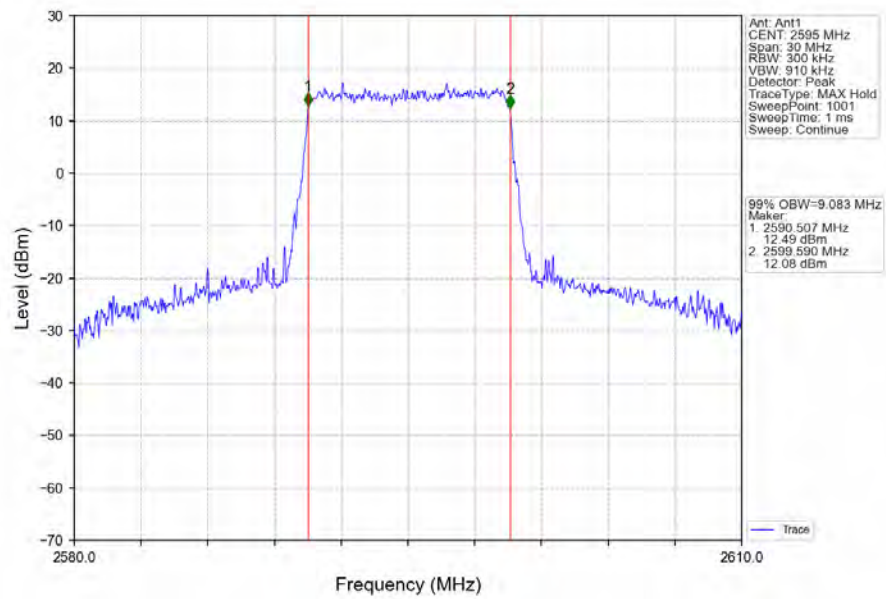
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



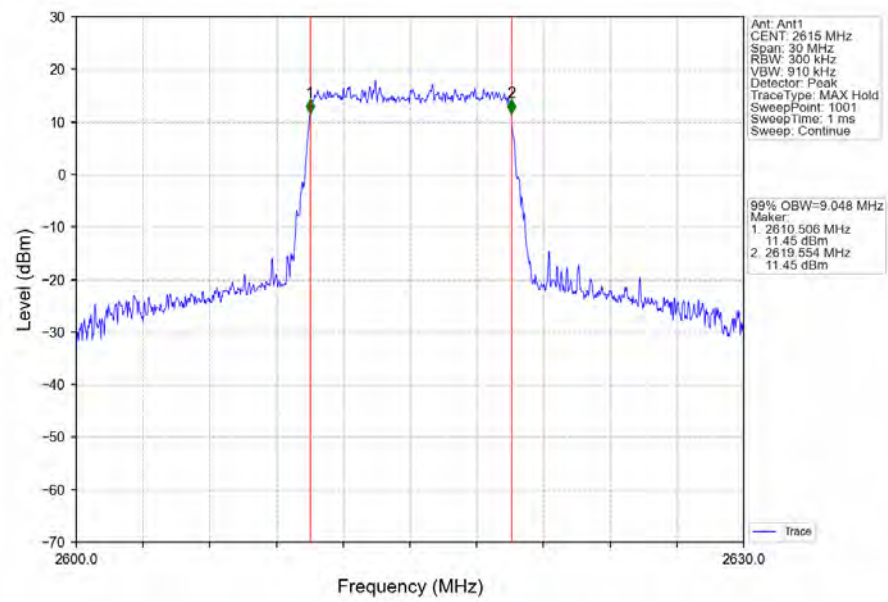
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



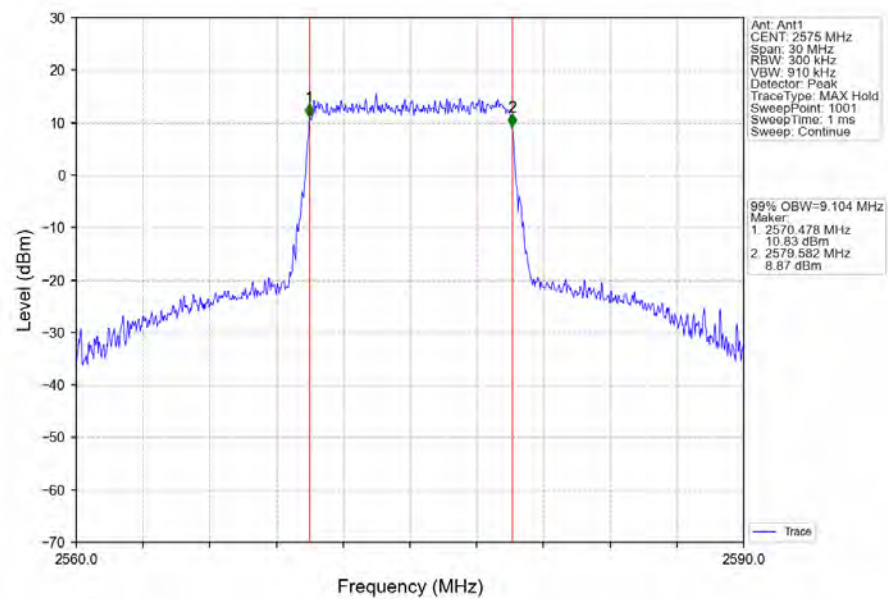
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



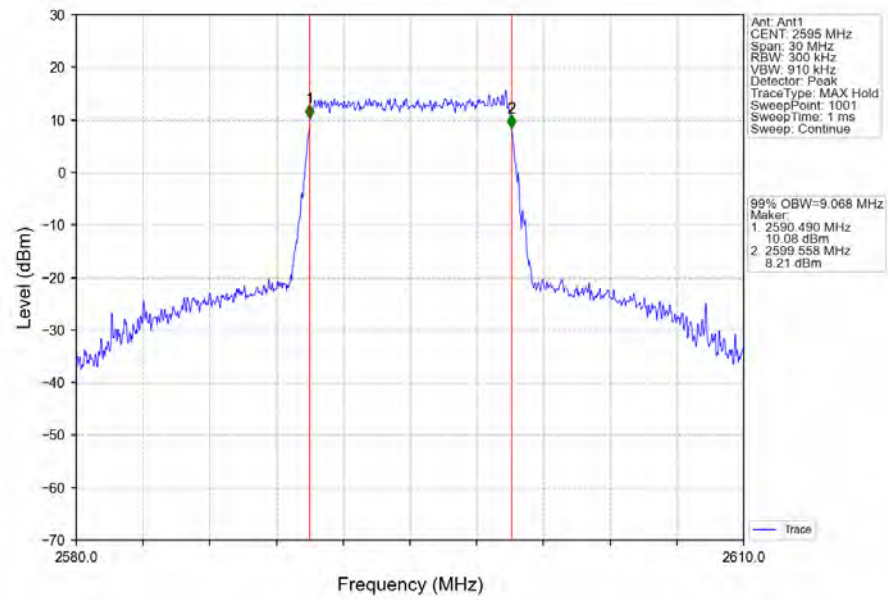
Band38 10MHz 64QAM HCH 2615MHz RB 50 0 NTN



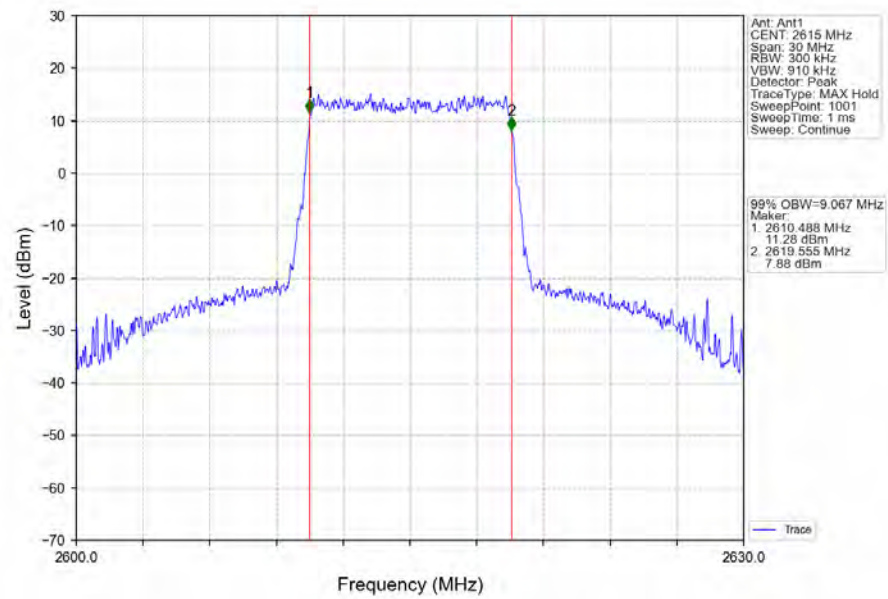
Band38_10MHz_256QAM_LCH_2575MHz_RB_50_0_NTN



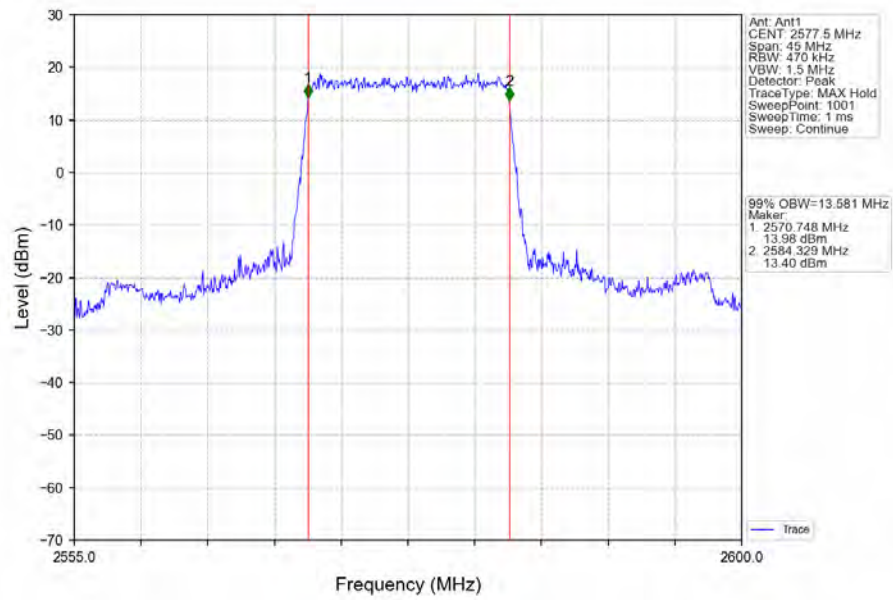
Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV



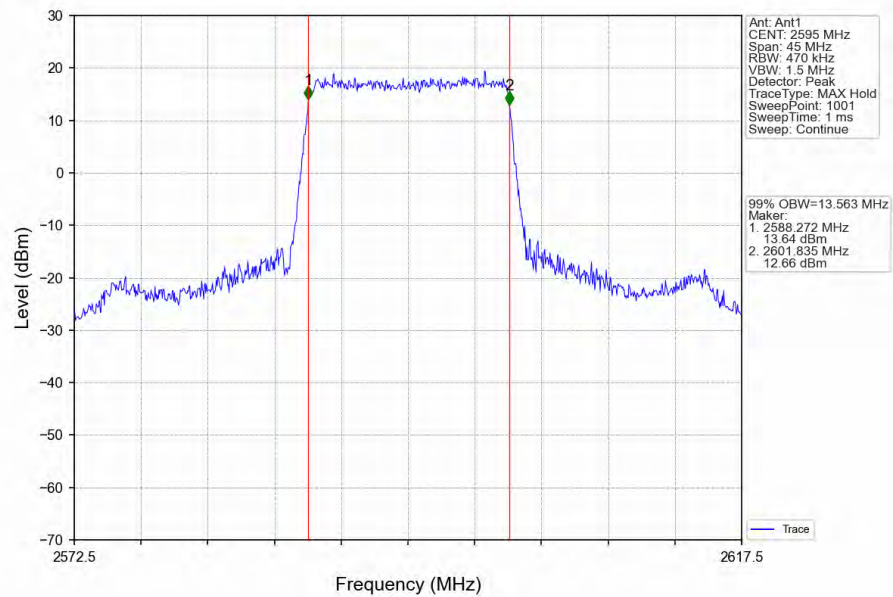
Band38_10MHz_256QAM_HCH_2615MHz_RB_50_0_NTNV



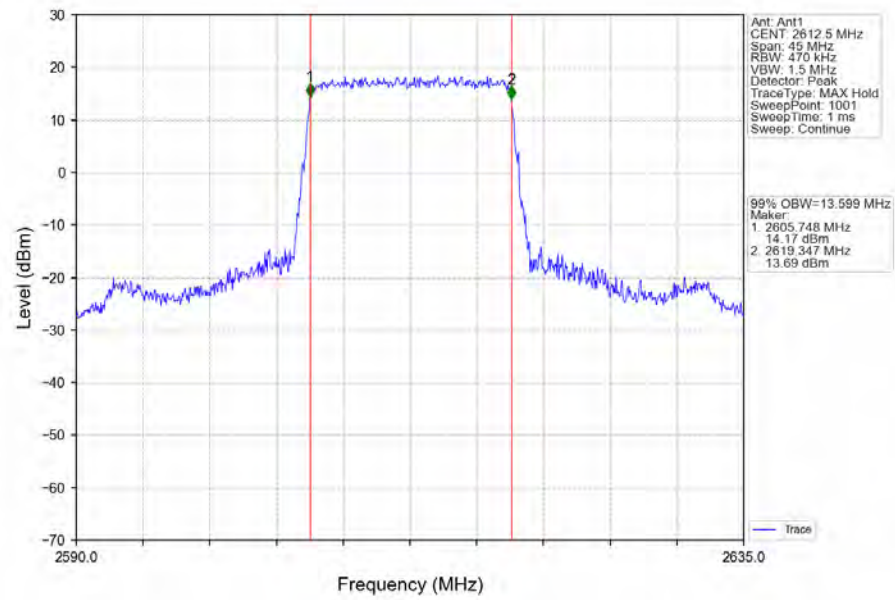
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



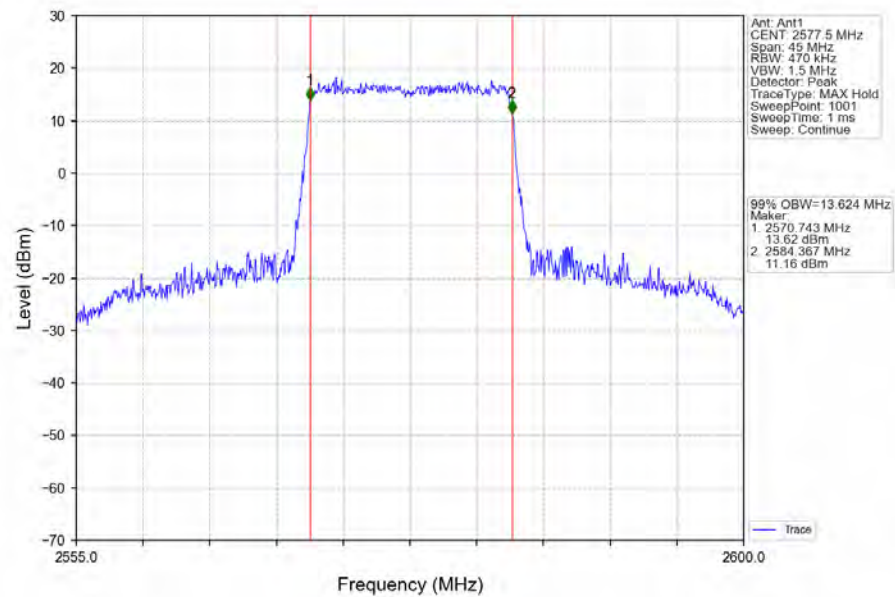
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



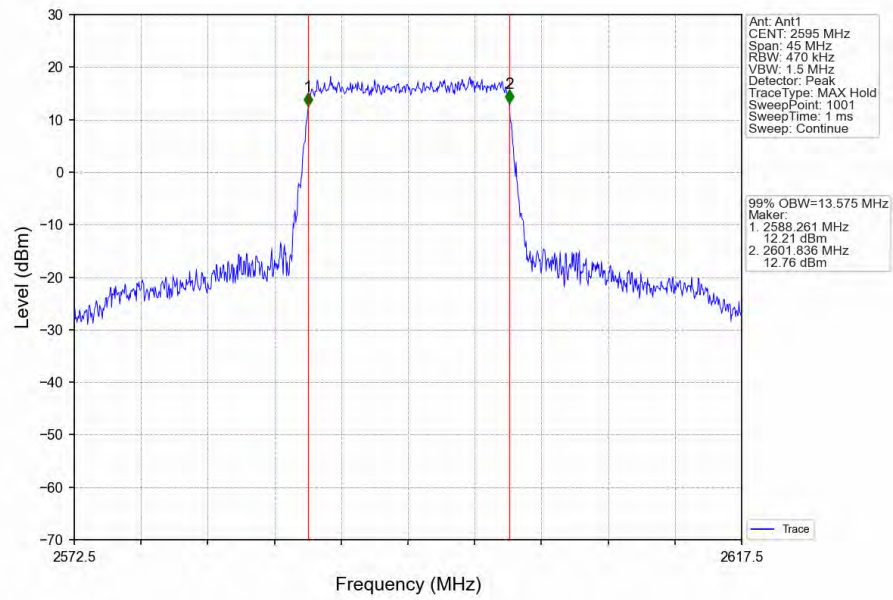
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



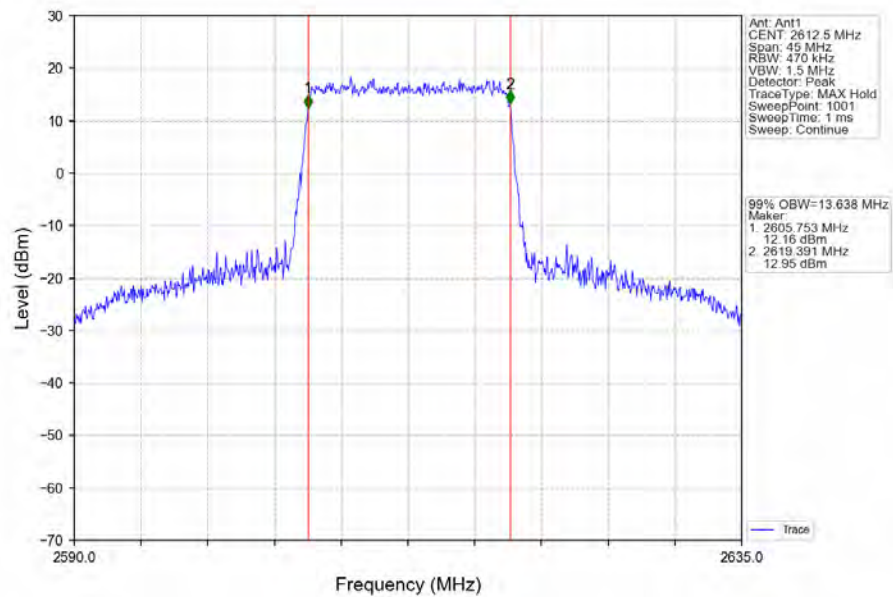
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



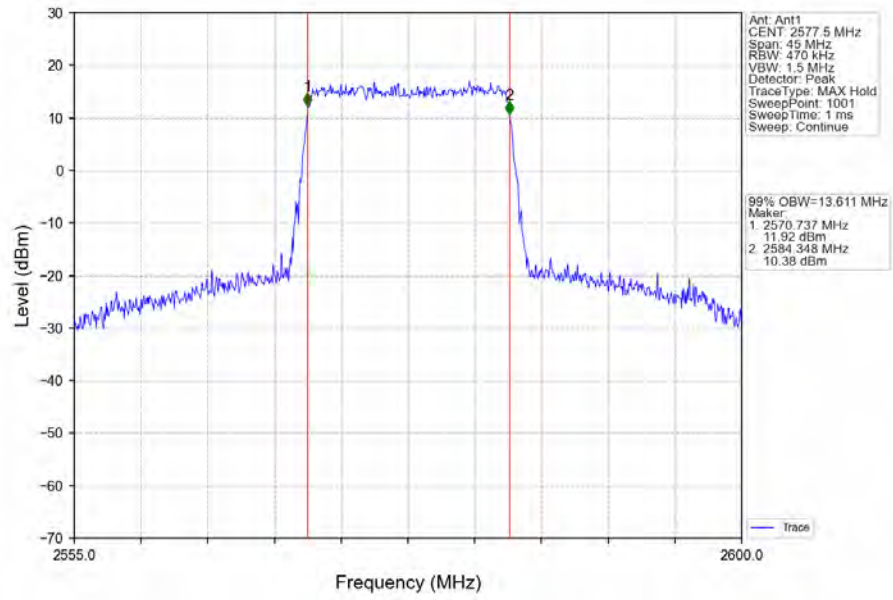
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



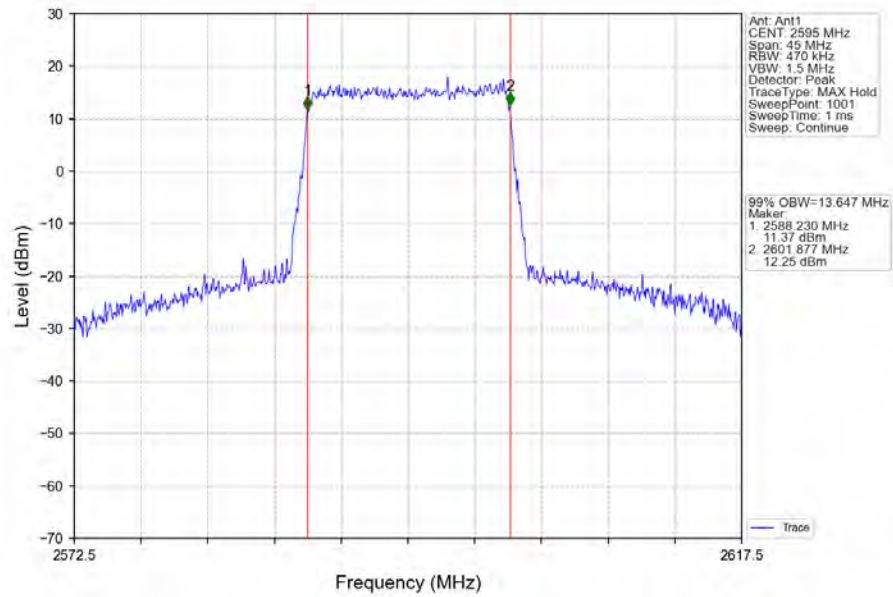
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



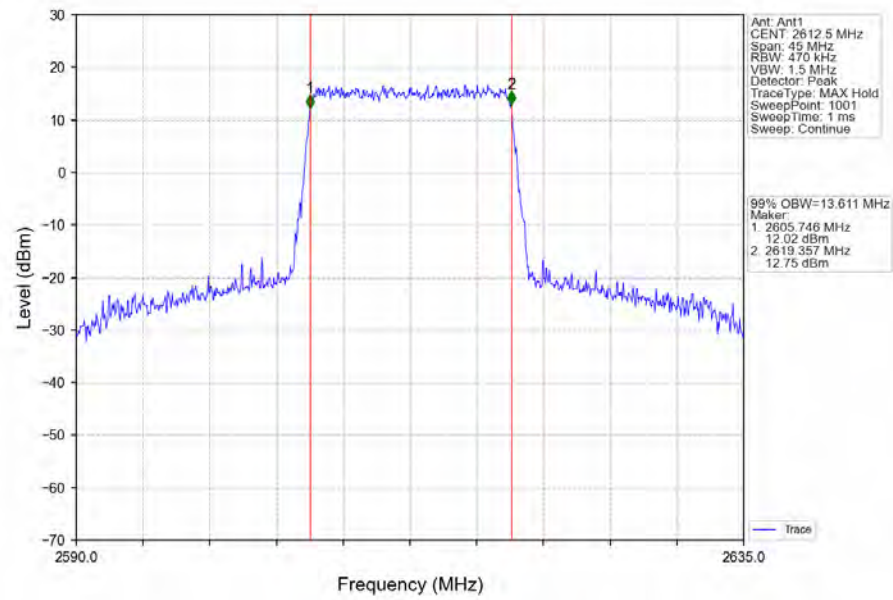
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



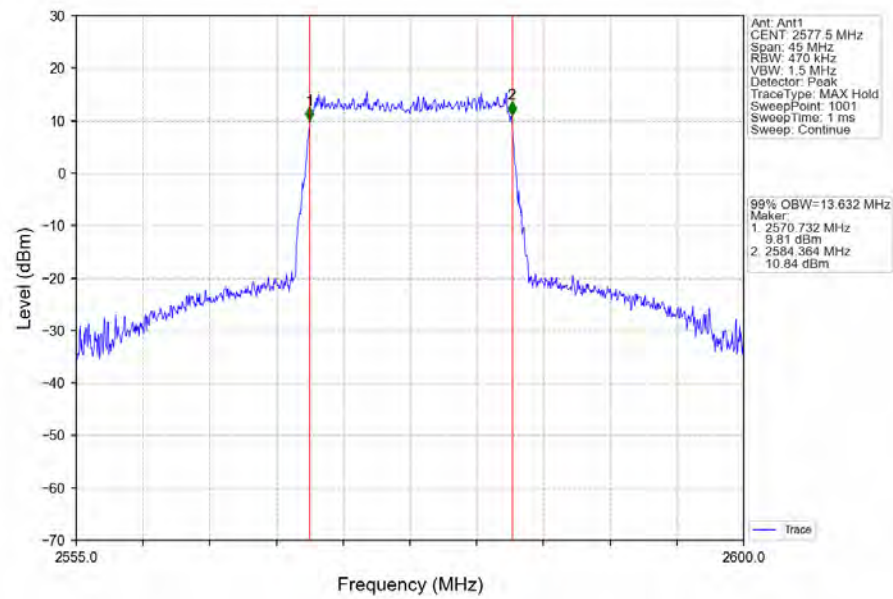
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



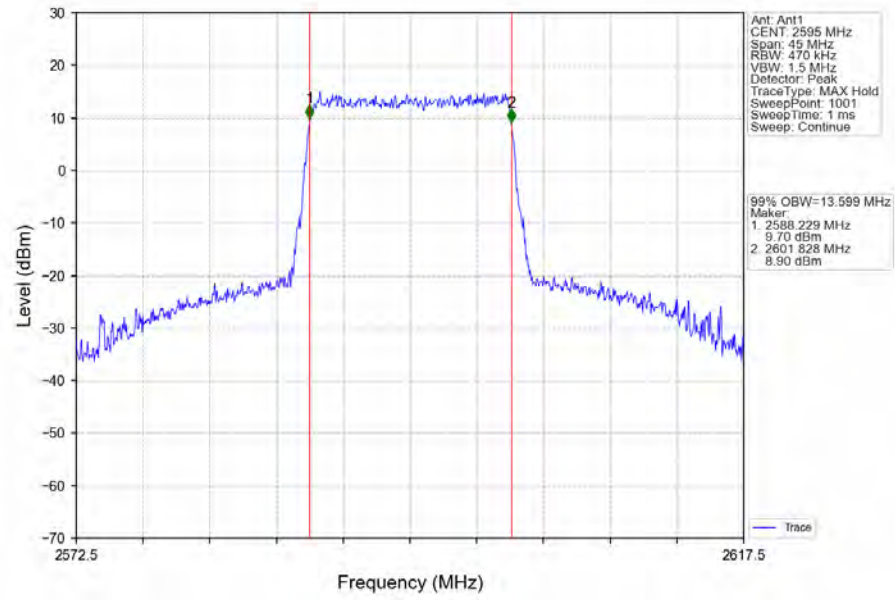
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



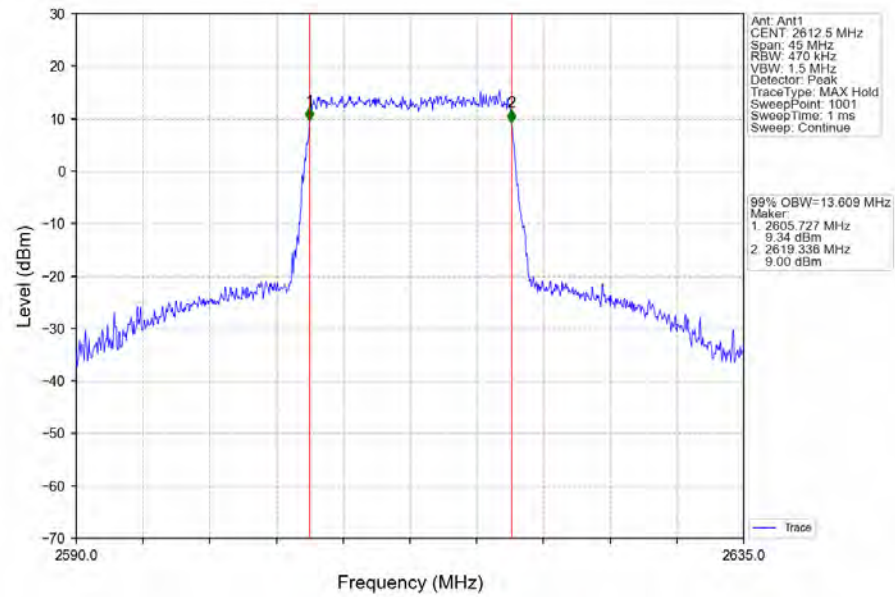
Band38_15MHz_256QAM_LCH_2577.5MHz_RB_75_0_NTNV



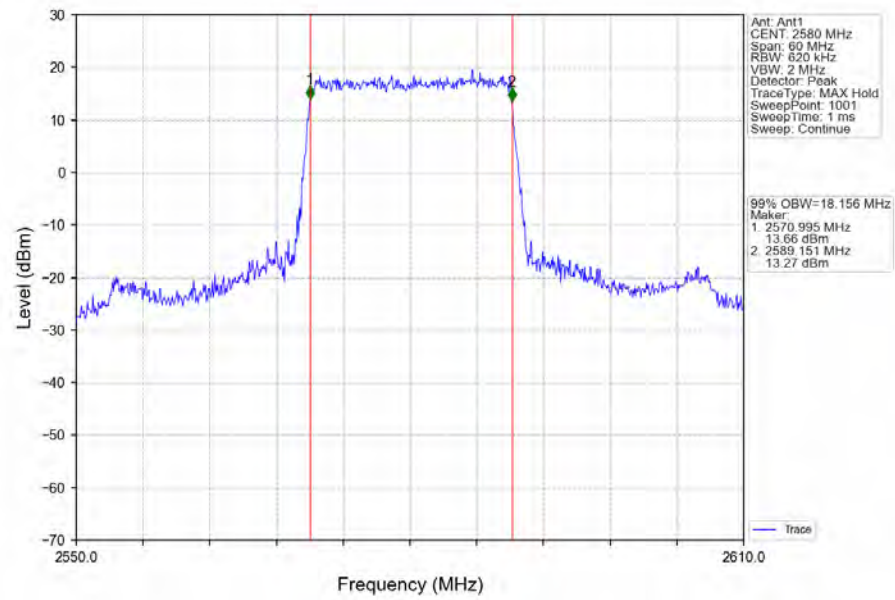
Band38_15MHz_256QAM_MCH_2595MHz_RB_75_0_NTNV



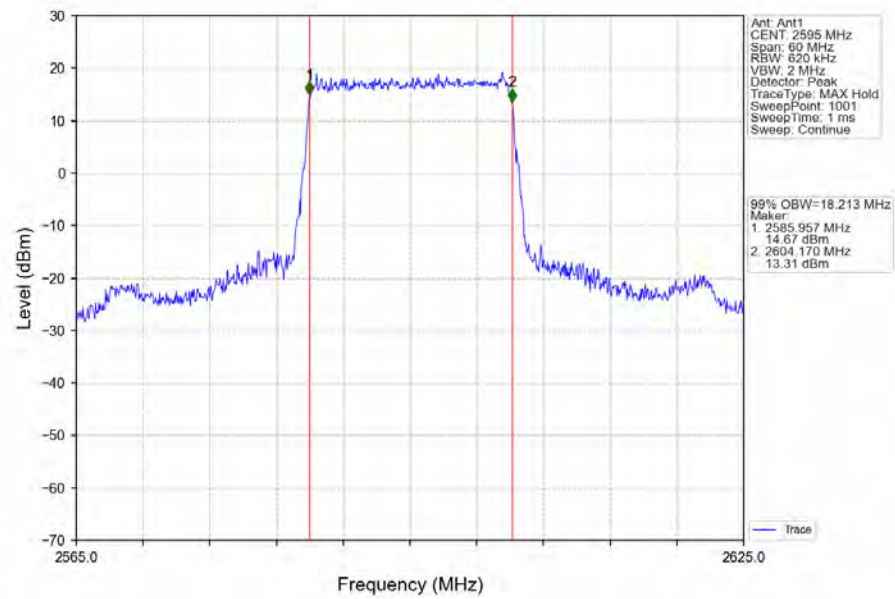
Band38_15MHz_256QAM_HCH_2612.5MHz_RB_75_0_NTNV



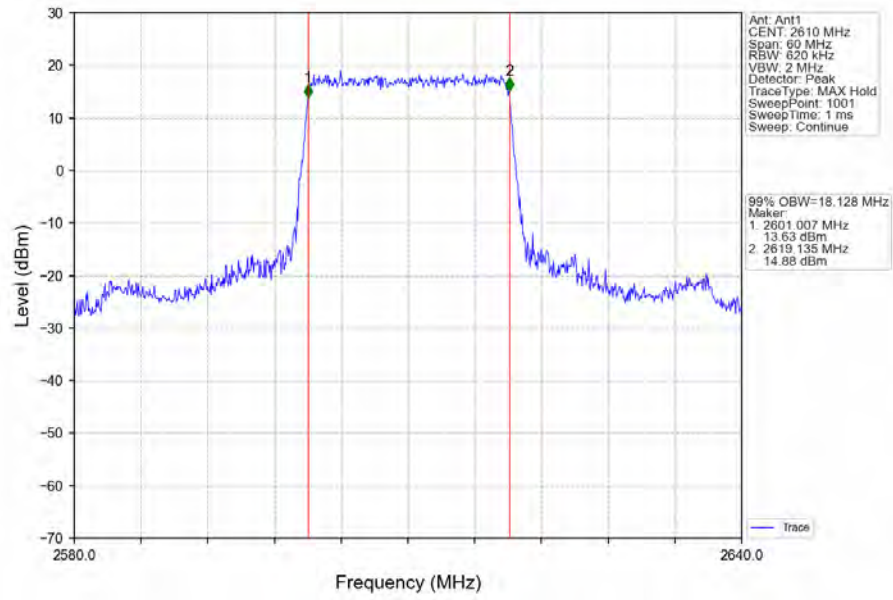
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV



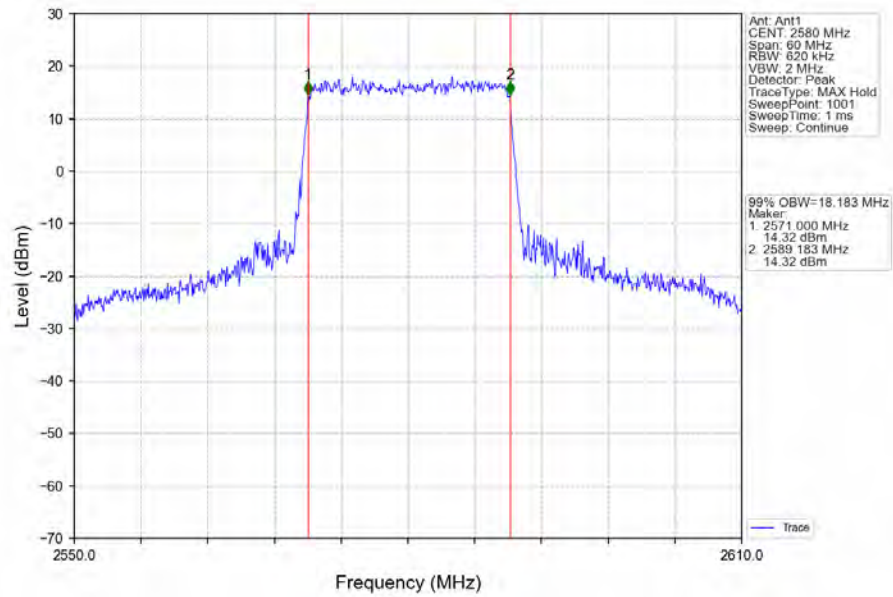
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTV



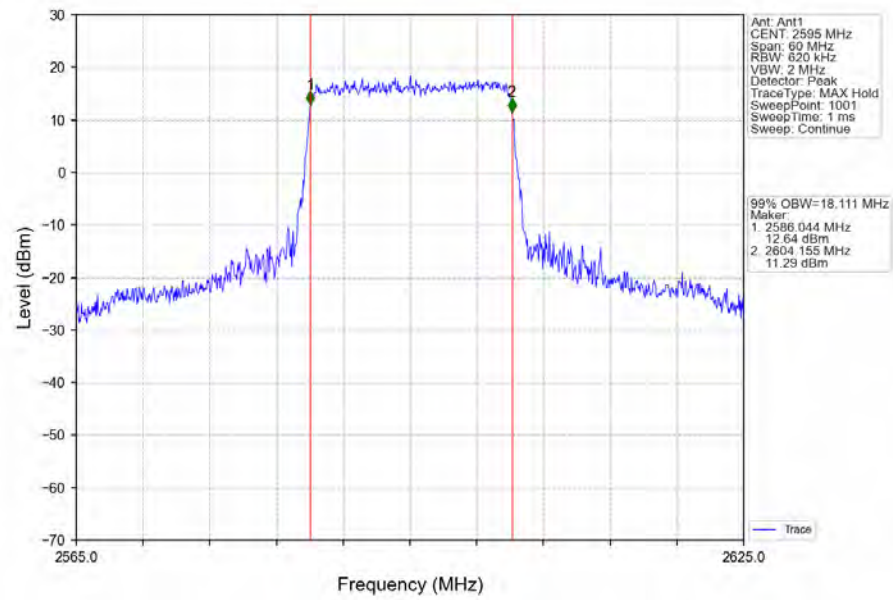
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



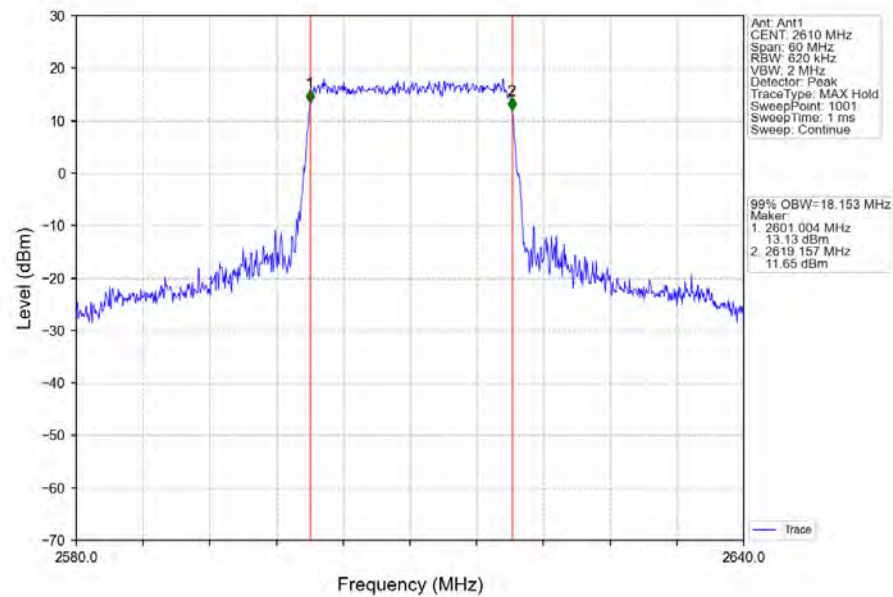
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



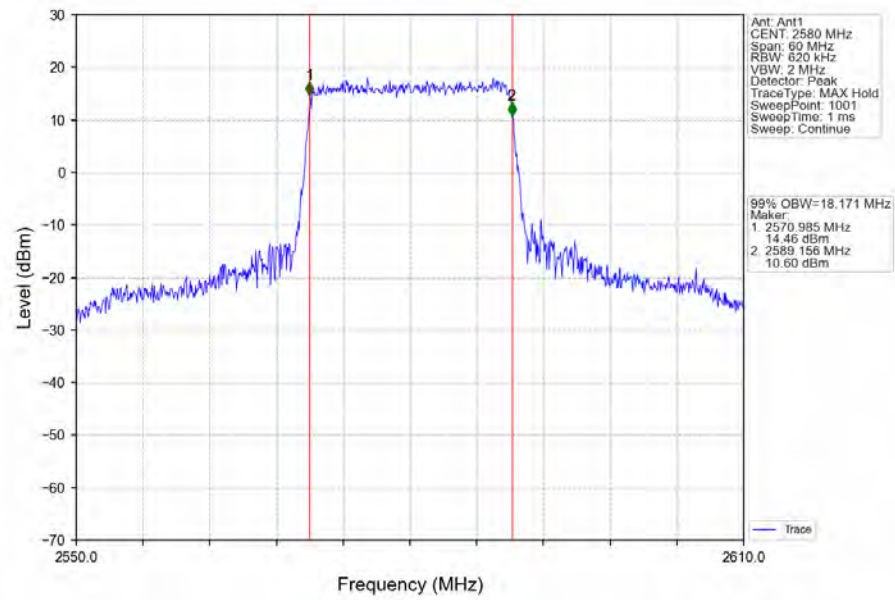
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



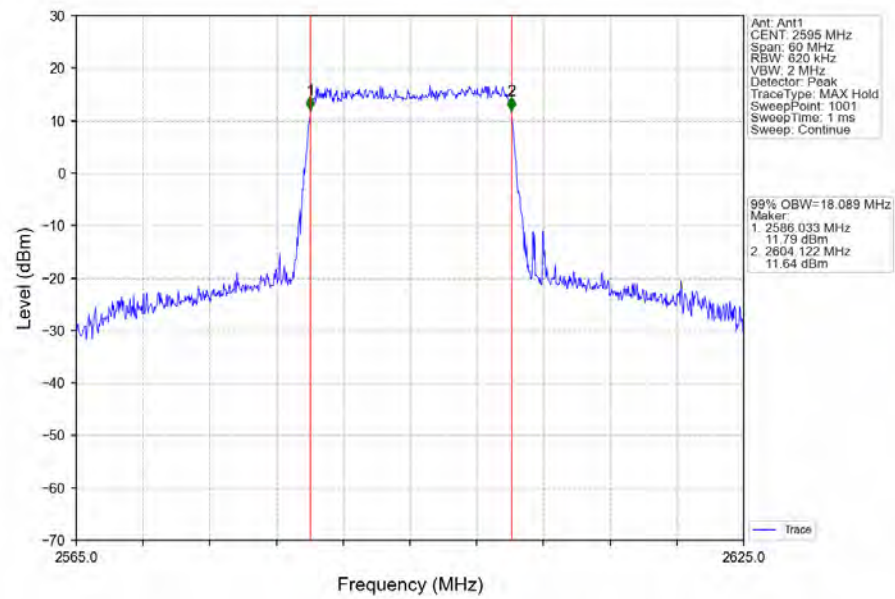
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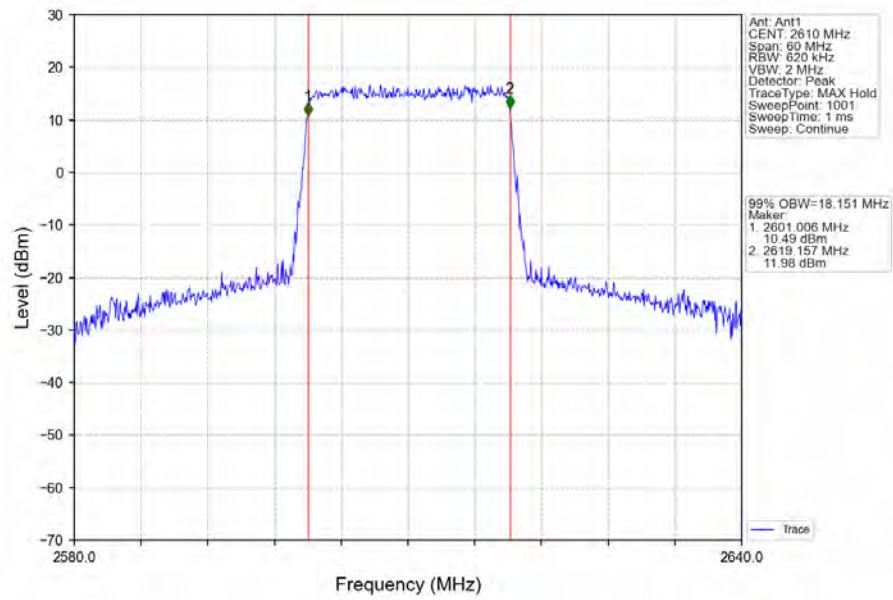
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



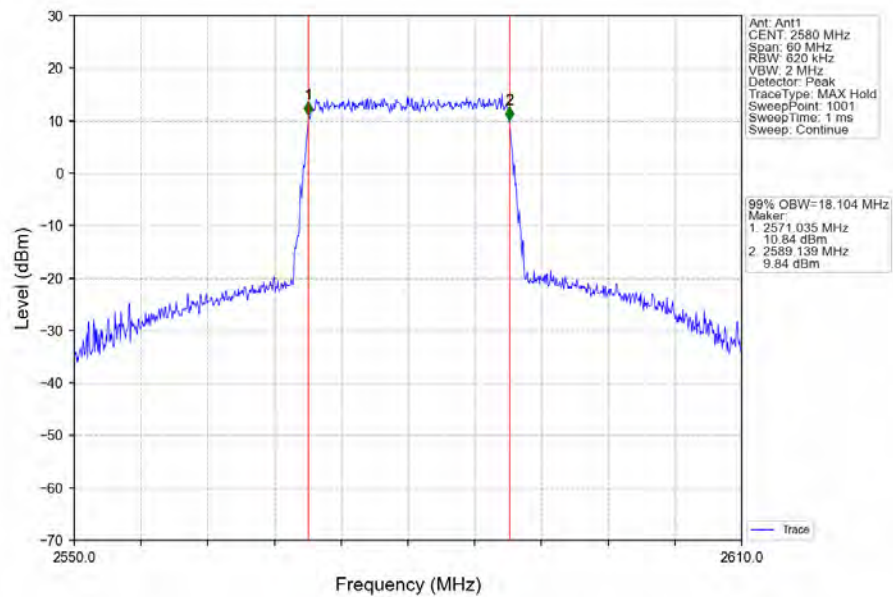
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



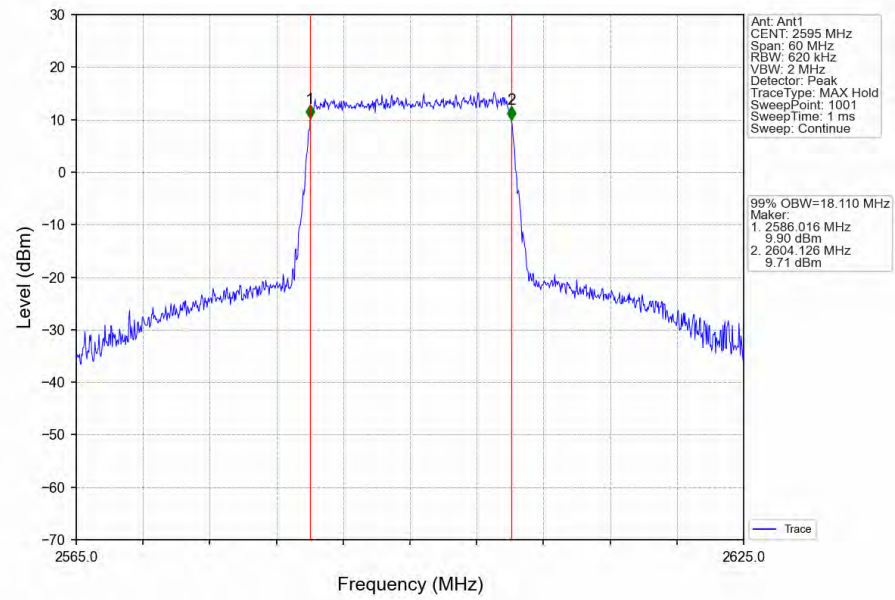
Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



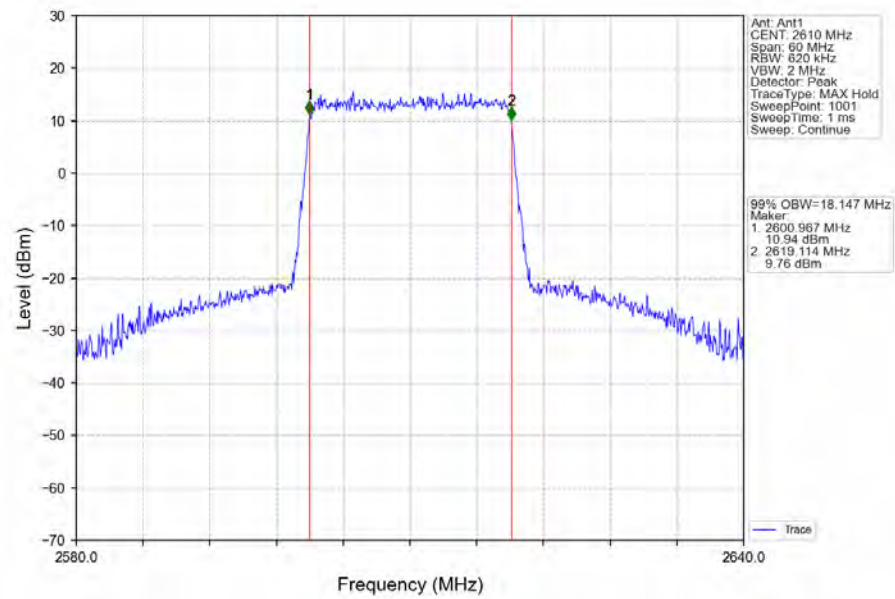
Band38_20MHz_256QAM_LCH_2580MHz_RB_100_0_NTNV



Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



Band38 20MHz 256QAM HCH 2610MHz RB 100 0 NTN



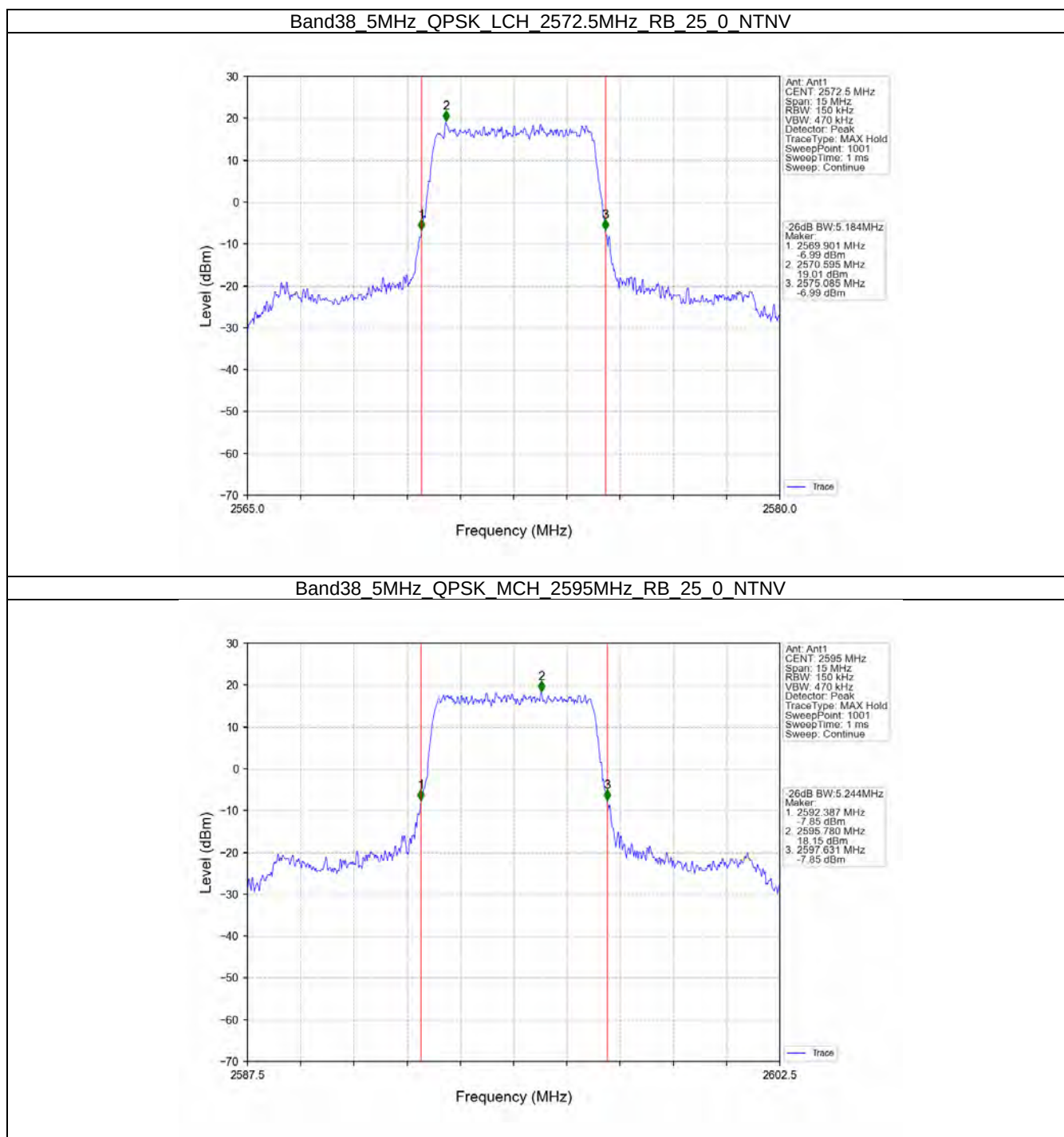
3.2 Band38_XDB

3.2.1 Test Result

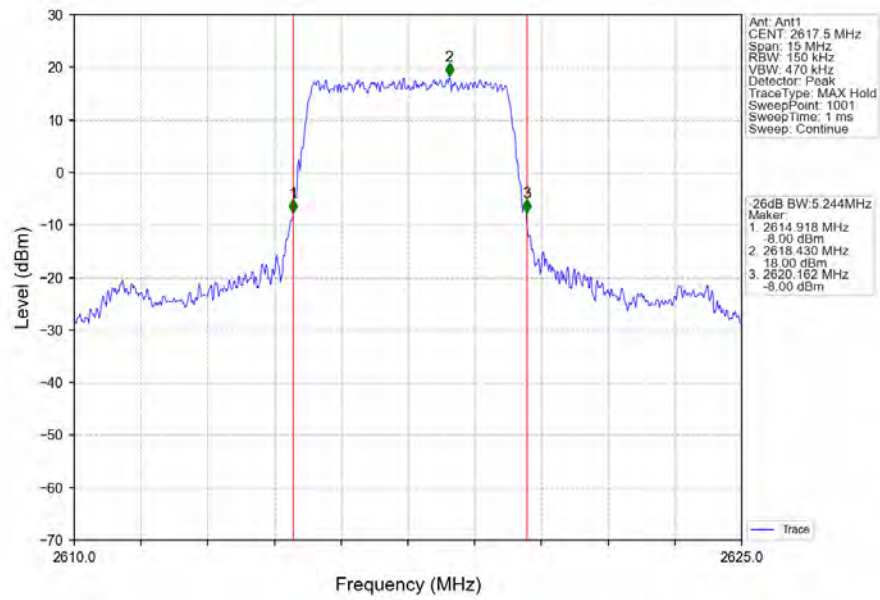
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.184	/	Pass
		2595	25	0	5.244	/	Pass
		2617.5	25	0	5.244	/	Pass
	16QAM	2572.5	25	0	5.266	/	Pass
		2595	25	0	5.254	/	Pass
		2617.5	25	0	5.173	/	Pass
	64QAM	2572.5	25	0	5.290	/	Pass
		2595	25	0	5.230	/	Pass
		2617.5	25	0	5.251	/	Pass
	256QAM	2572.5	25	0	5.233	/	Pass
		2595	25	0	5.222	/	Pass
		2617.5	25	0	5.201	/	Pass
10	QPSK	2575	50	0	10.284	/	Pass
		2595	50	0	10.308	/	Pass
		2615	50	0	10.211	/	Pass
	16QAM	2575	50	0	10.147	/	Pass
		2595	50	0	10.074	/	Pass
		2615	50	0	10.131	/	Pass
	64QAM	2575	50	0	10.148	/	Pass
		2595	50	0	10.199	/	Pass
		2615	50	0	10.284	/	Pass
	256QAM	2575	50	0	10.219	/	Pass
		2595	50	0	10.236	/	Pass
		2615	50	0	10.149	/	Pass
15	QPSK	2577.5	75	0	15.160	/	Pass
		2595	75	0	15.034	/	Pass
		2612.5	75	0	15.180	/	Pass
	16QAM	2577.5	75	0	15.073	/	Pass
		2595	75	0	15.197	/	Pass
		2612.5	75	0	15.104	/	Pass
	64QAM	2577.5	75	0	15.274	/	Pass
		2595	75	0	15.187	/	Pass
		2612.5	75	0	15.308	/	Pass
	256QAM	2577.5	75	0	15.274	/	Pass
		2595	75	0	15.300	/	Pass
		2612.5	75	0	15.182	/	Pass
20	QPSK	2580	100	0	19.847	/	Pass
		2595	100	0	20.083	/	Pass
		2610	100	0	19.983	/	Pass
	16QAM	2580	100	0	20.145	/	Pass
		2595	100	0	20.156	/	Pass
		2610	100	0	20.093	/	Pass
	64QAM	2580	100	0	20.109	/	Pass
		2595	100	0	20.094	/	Pass
		2610	100	0	20.076	/	Pass
	256QAM	2580	100	0	19.924	/	Pass
		2595	100	0	19.989	/	Pass

		2610	100	0	20.104	/	Pass
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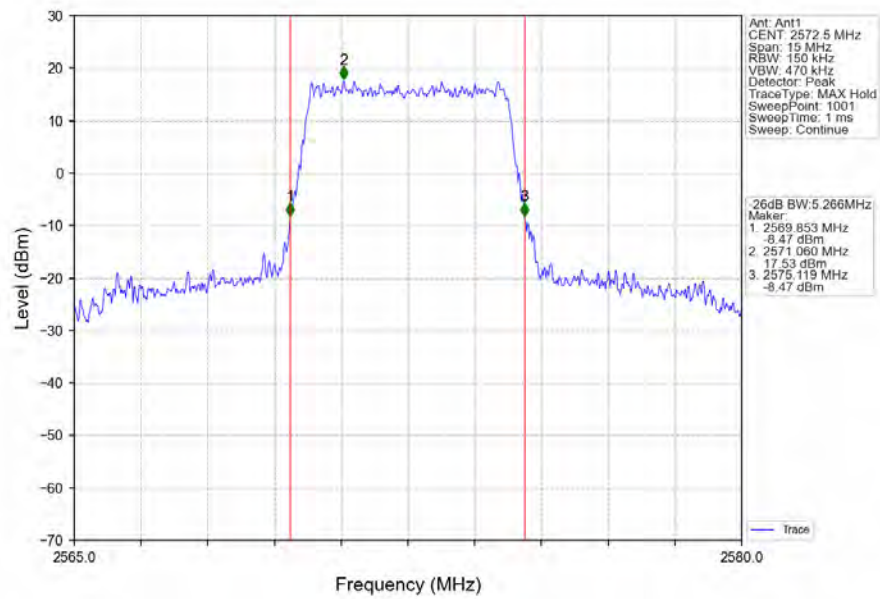
3.2.2 Test Graph



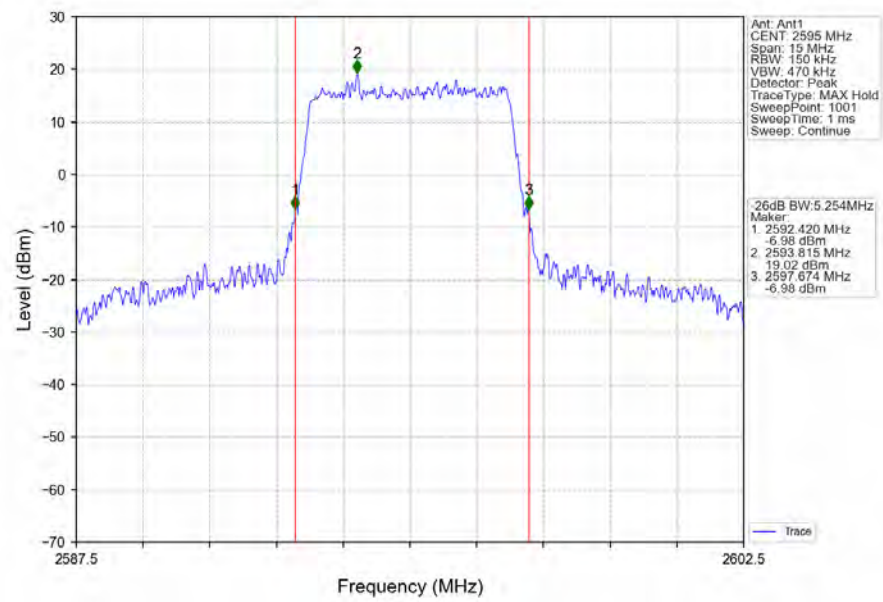
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



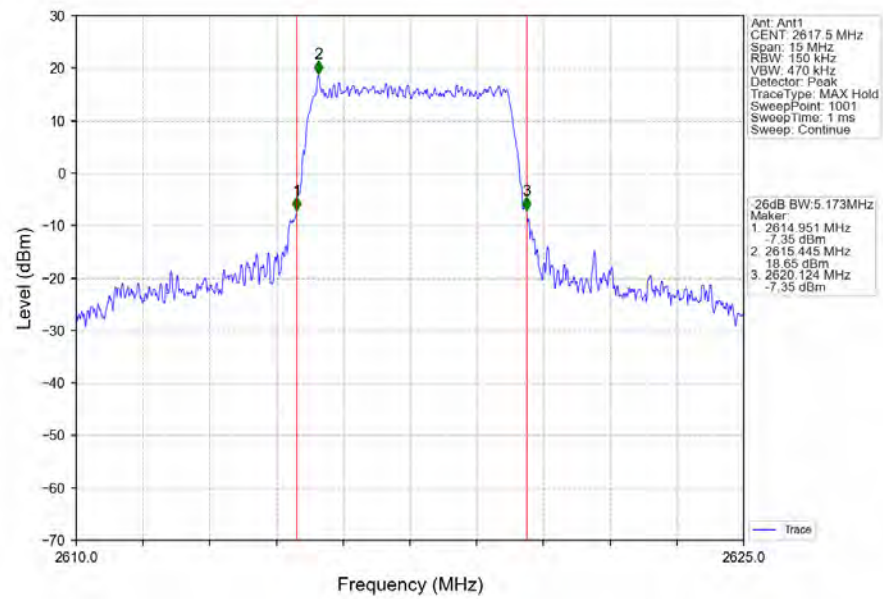
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



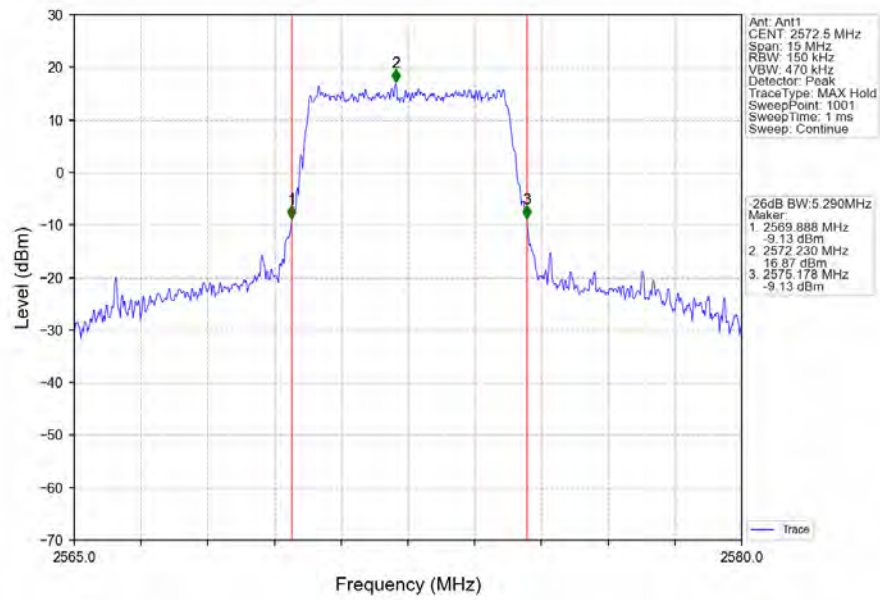
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



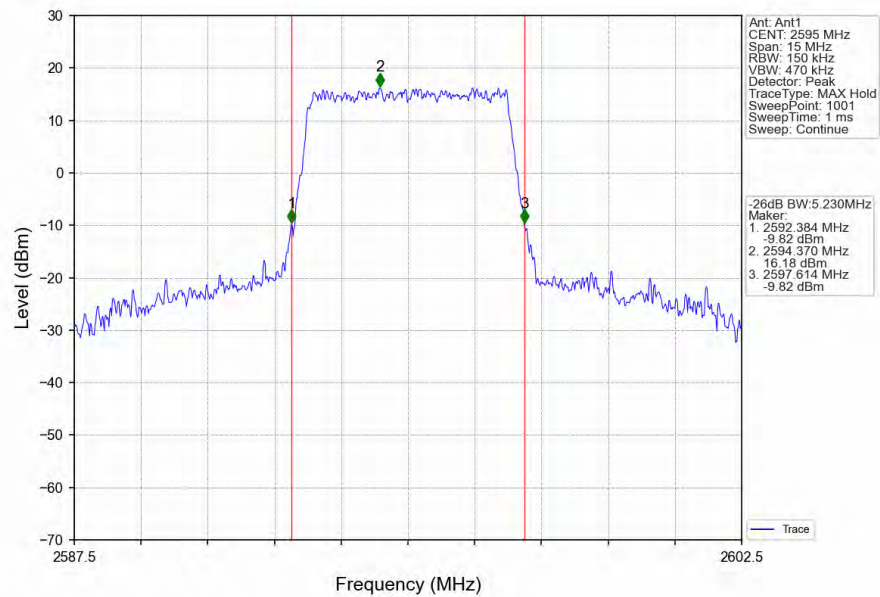
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



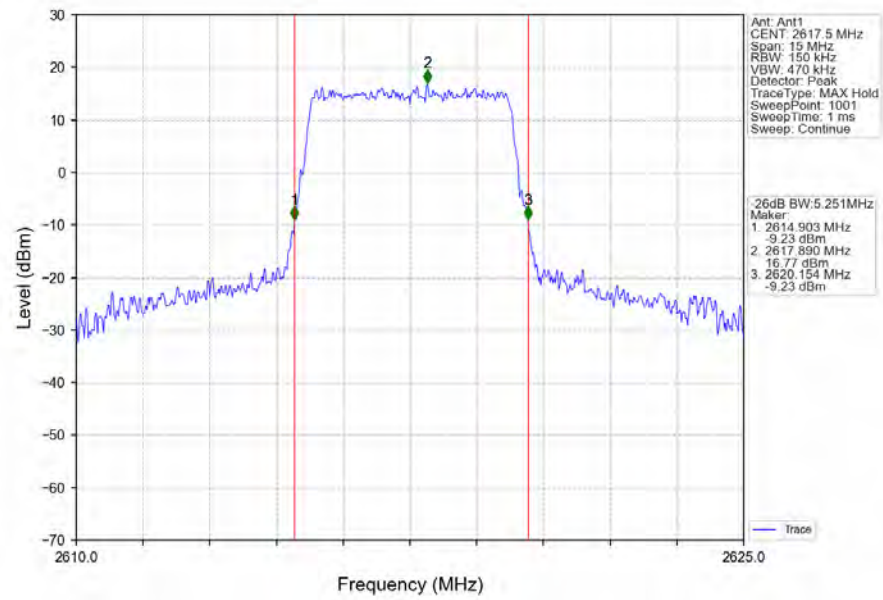
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



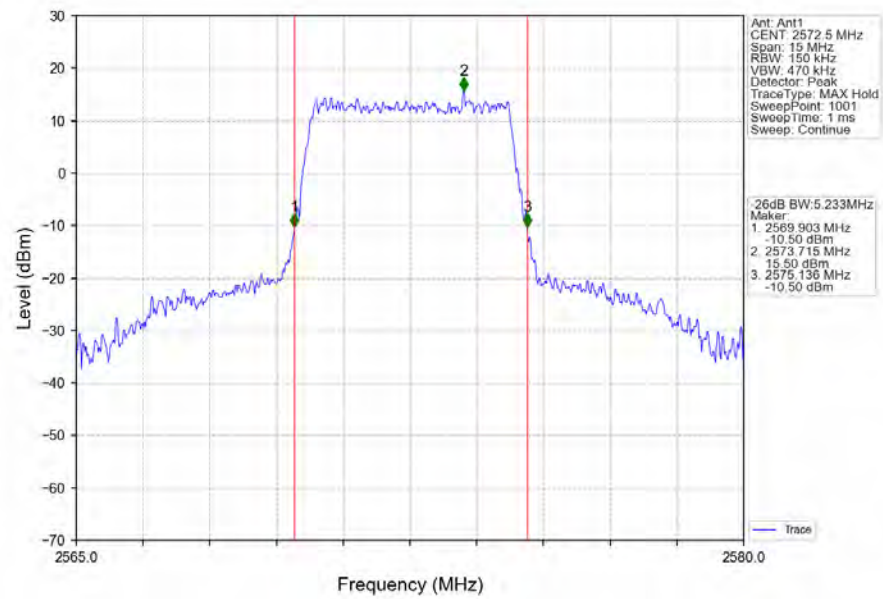
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



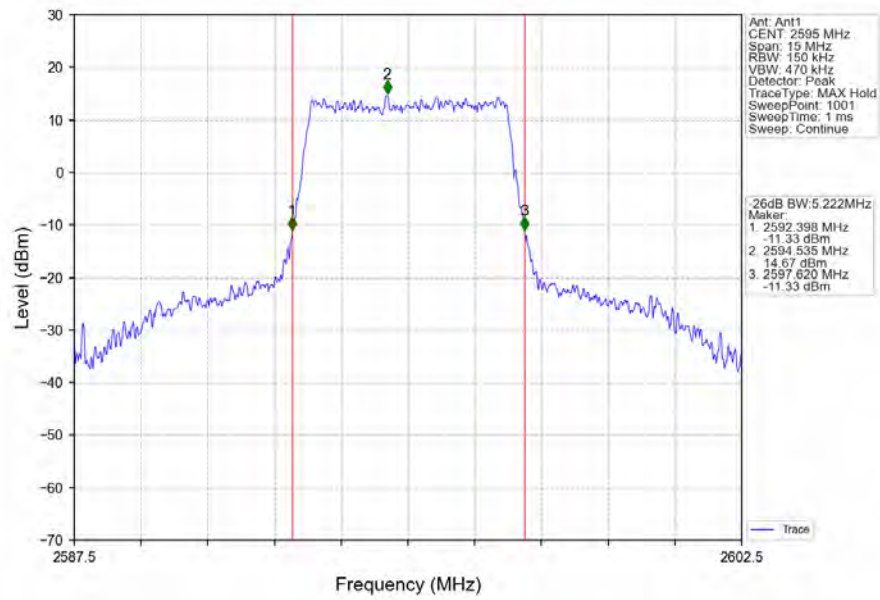
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



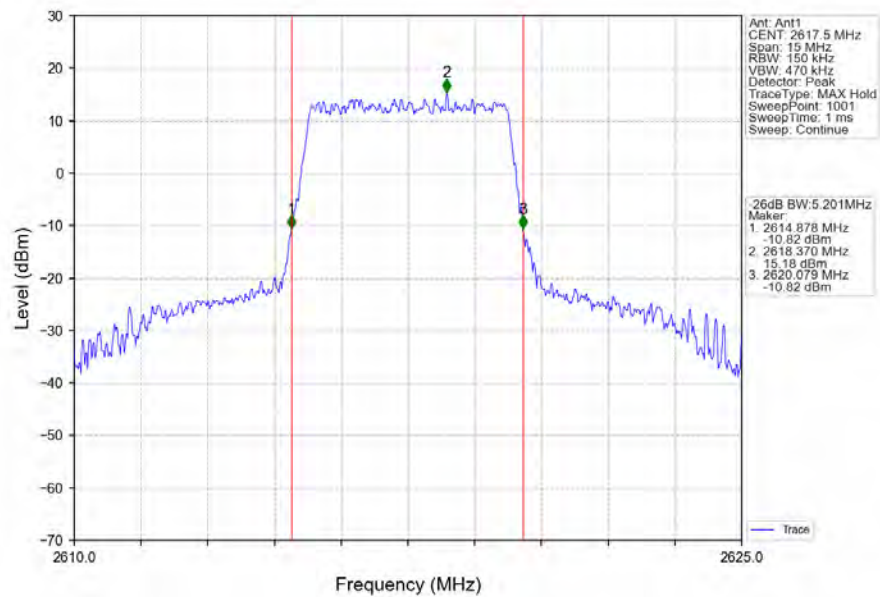
Band38_5MHz_256QAM_LCH_2572.5MHz_RB_25_0_NTNV



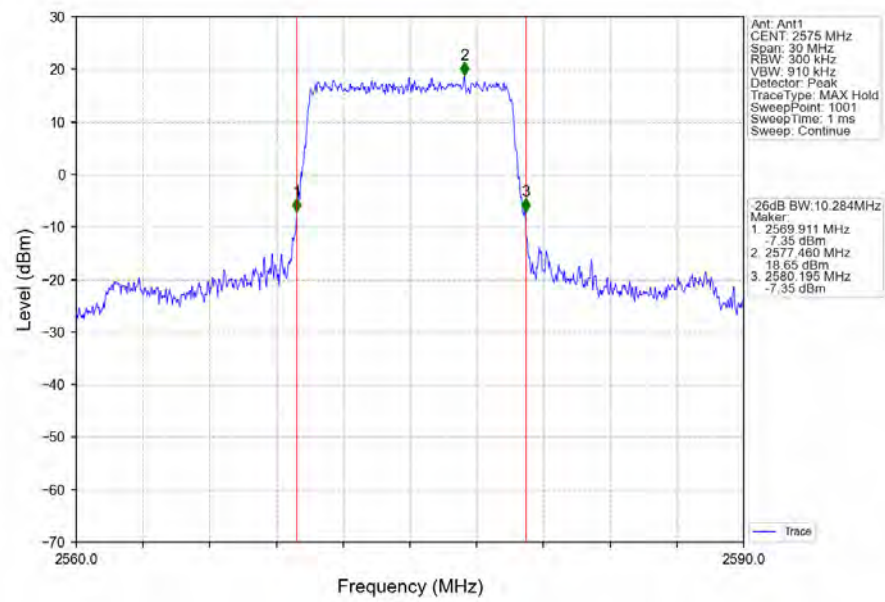
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



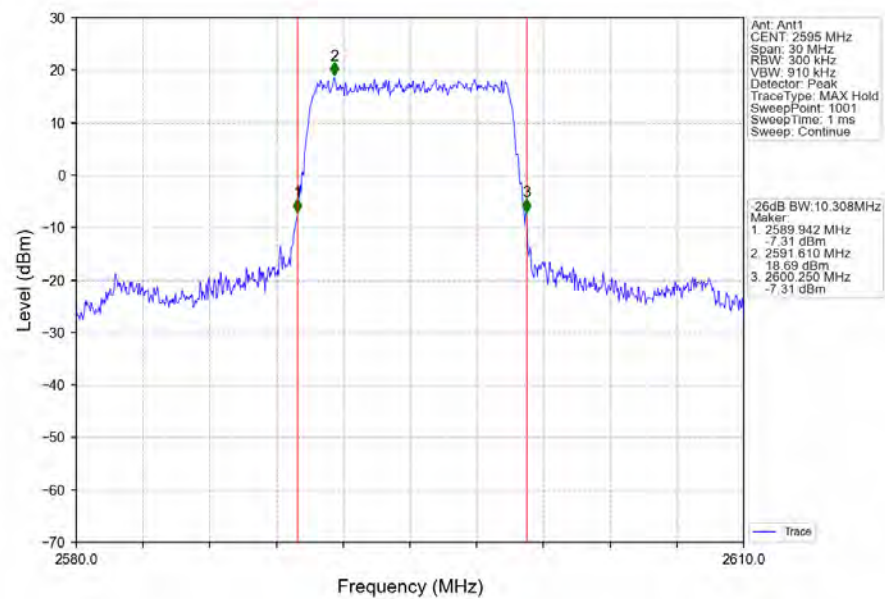
Band38_5MHz_256QAM_HCH_2617.5MHz_RB_25_0 NTN



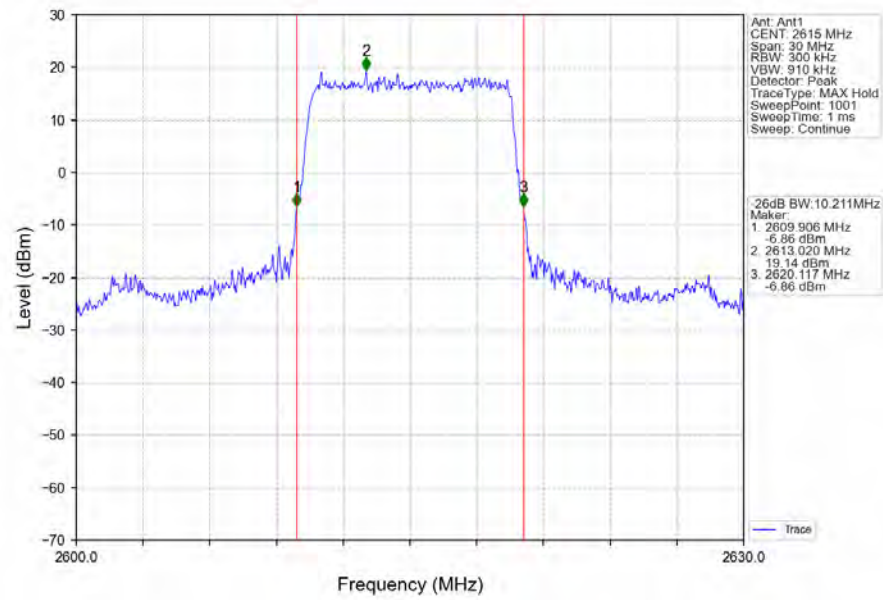
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



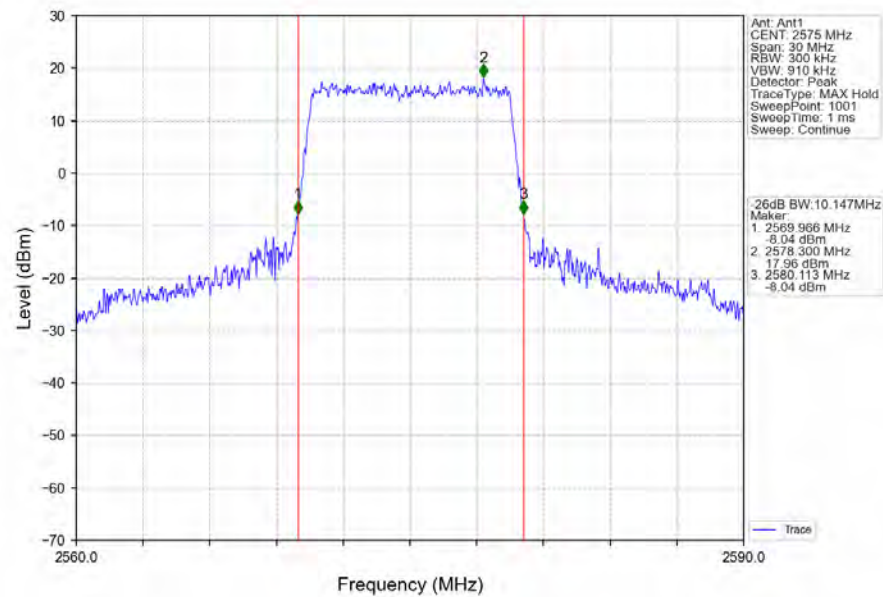
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



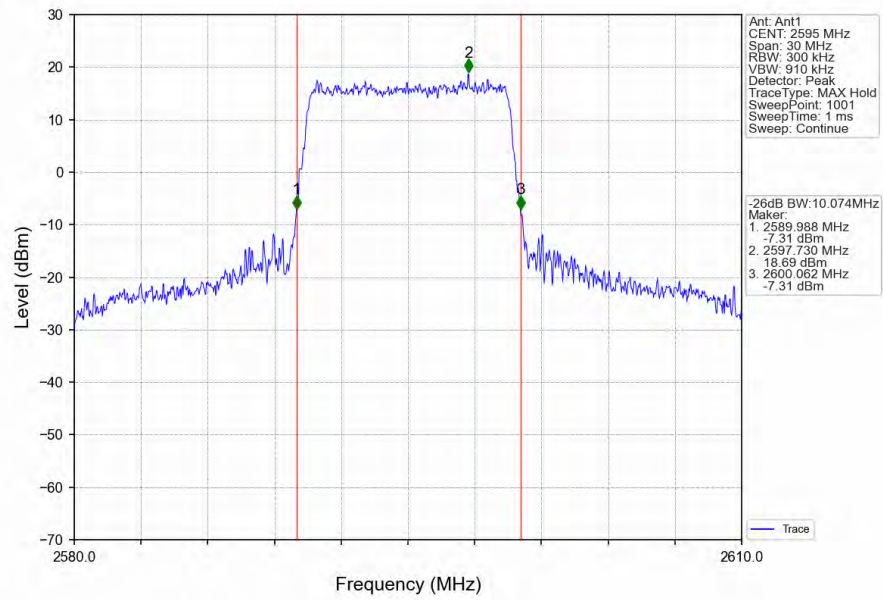
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



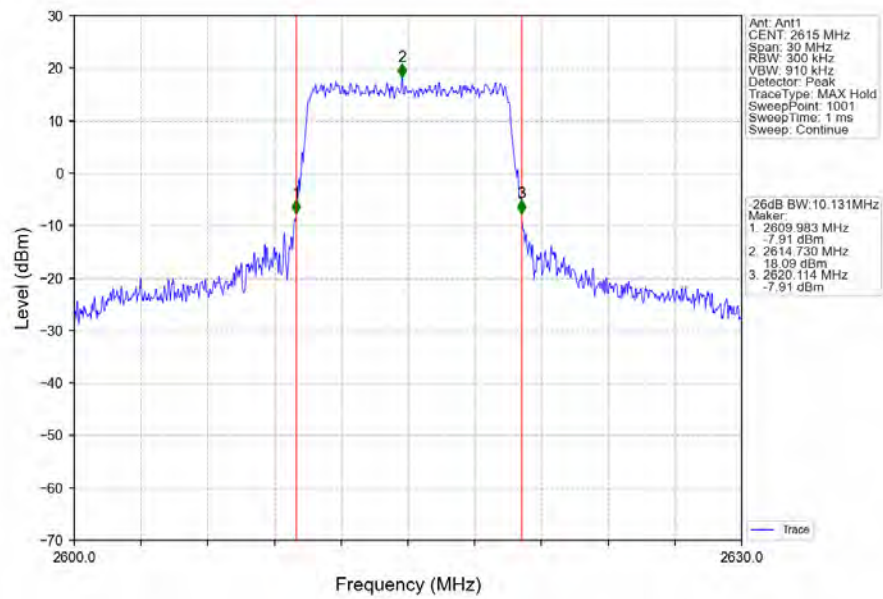
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



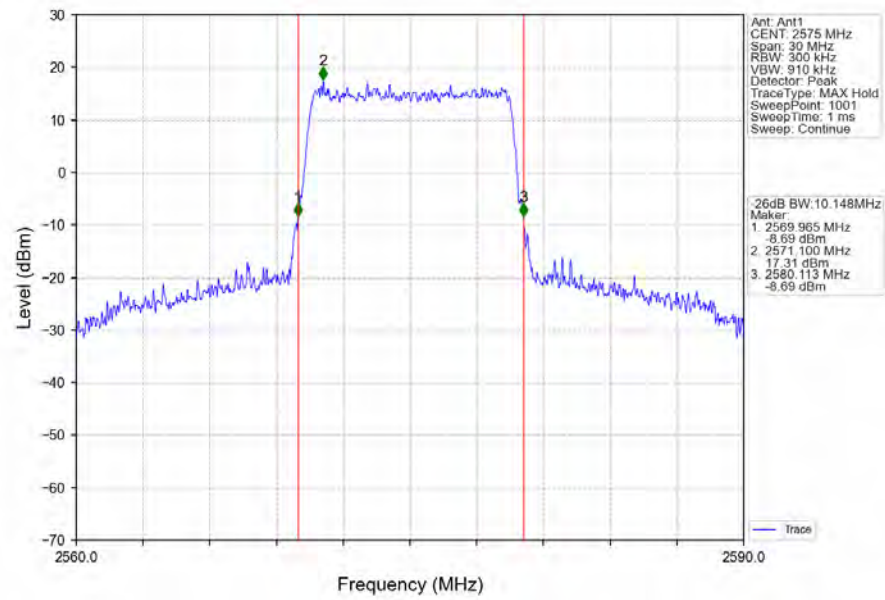
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



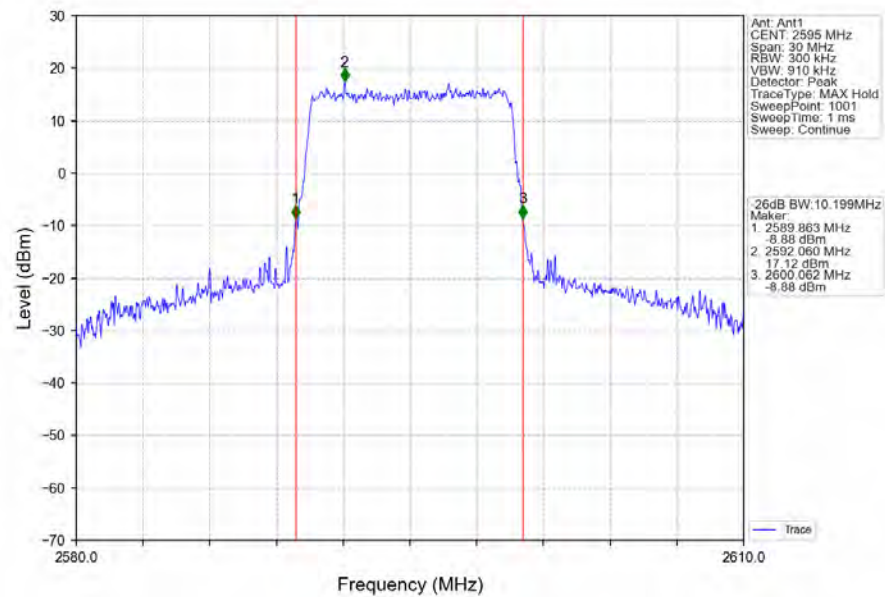
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



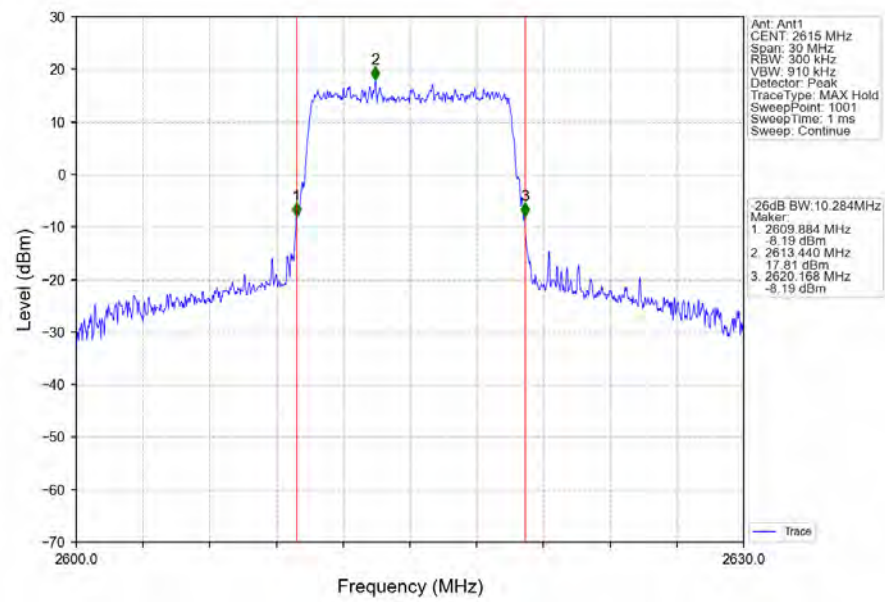
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



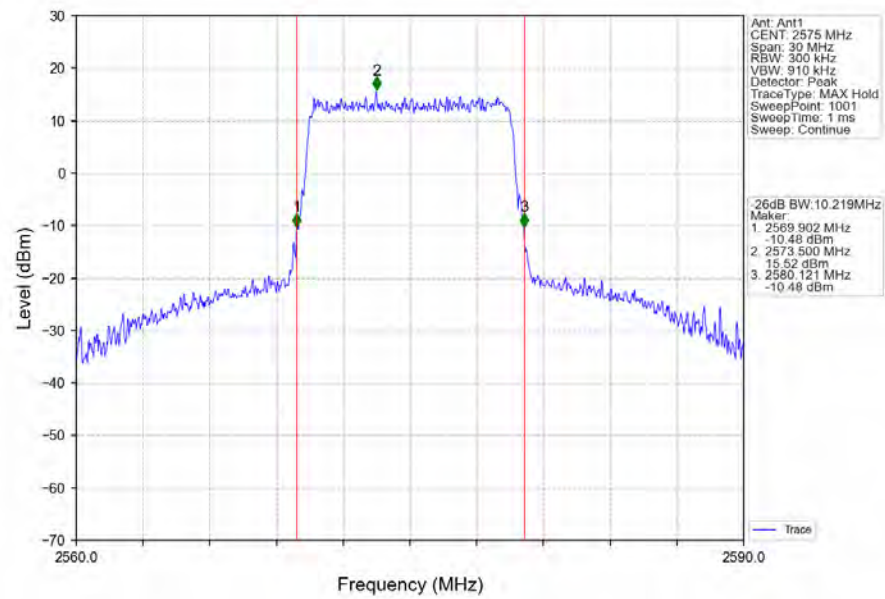
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



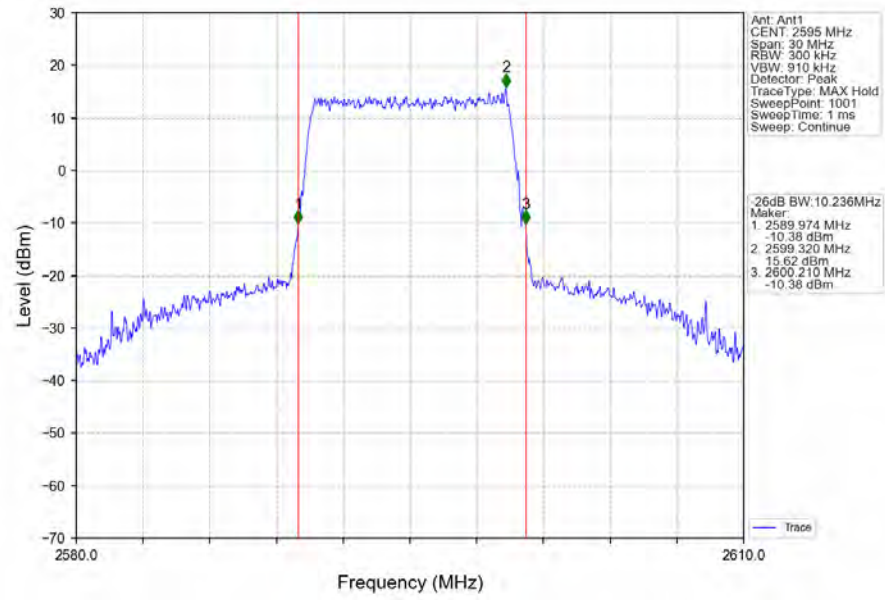
Band38 10MHz 64QAM HCH 2615MHz RB 50 0 NTN



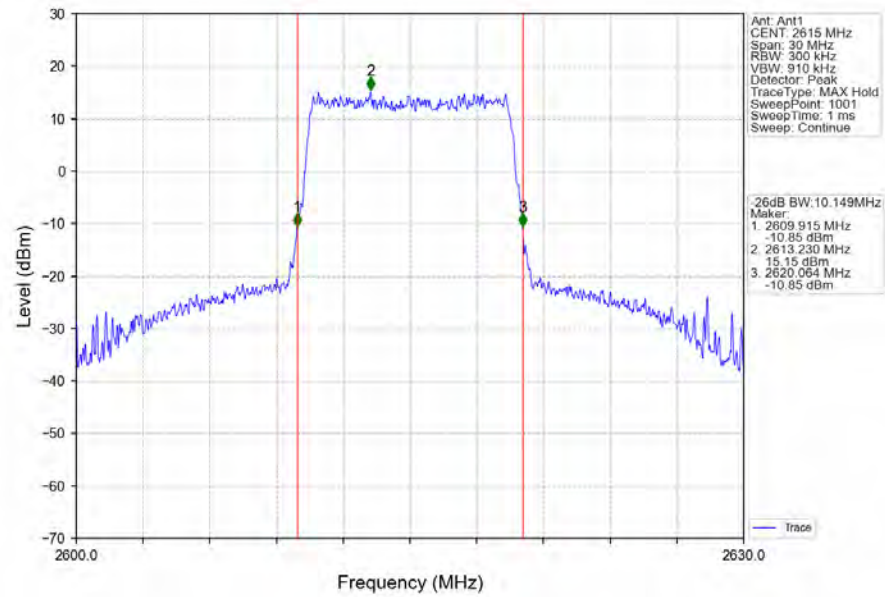
Band38_10MHz_256QAM_LCH_2575MHz_RB_50_0_NTN



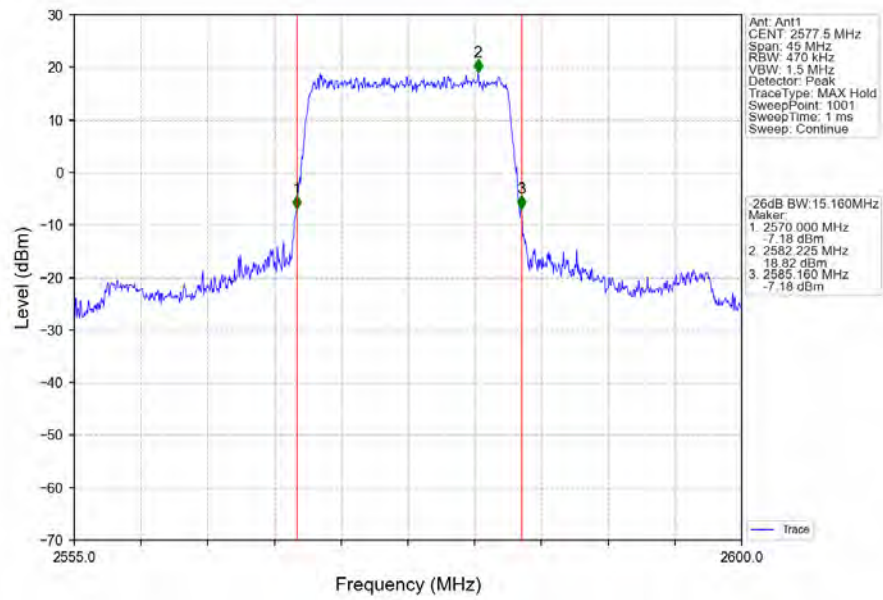
Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV



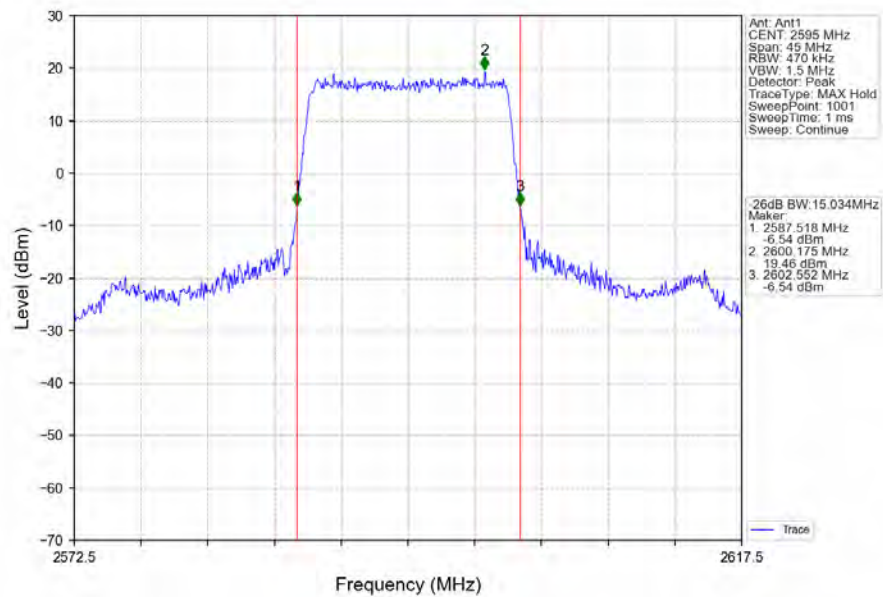
Band38_10MHz_256QAM_HCH_2615MHz_RB_50_0_NTNV



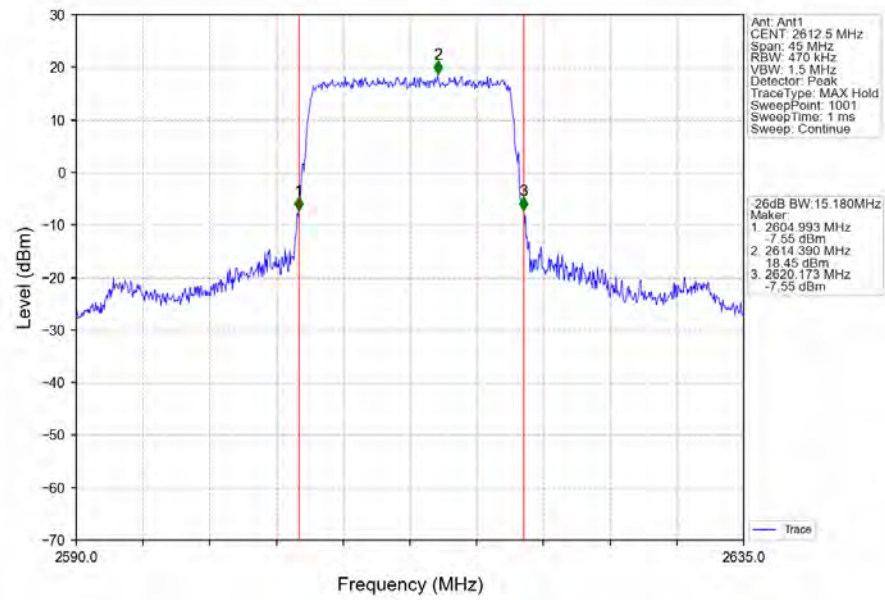
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



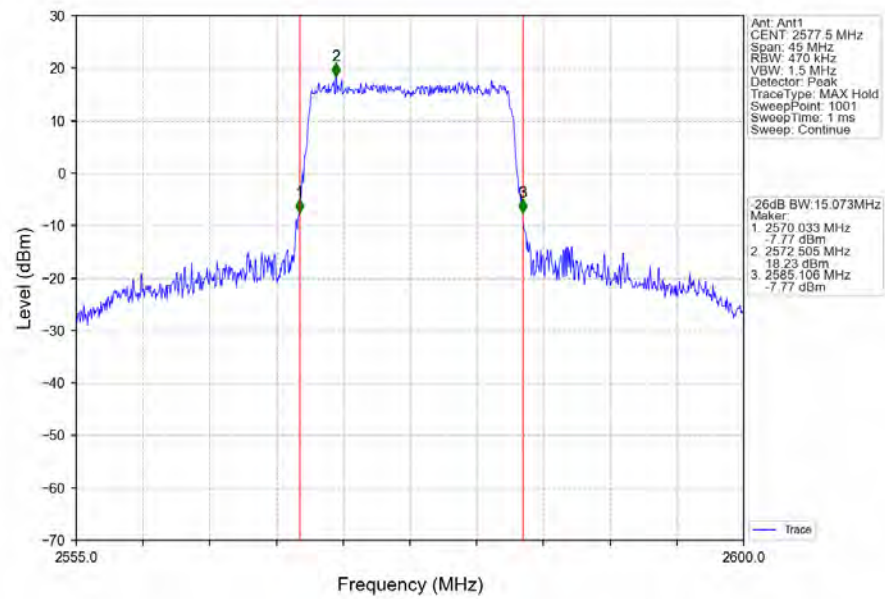
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



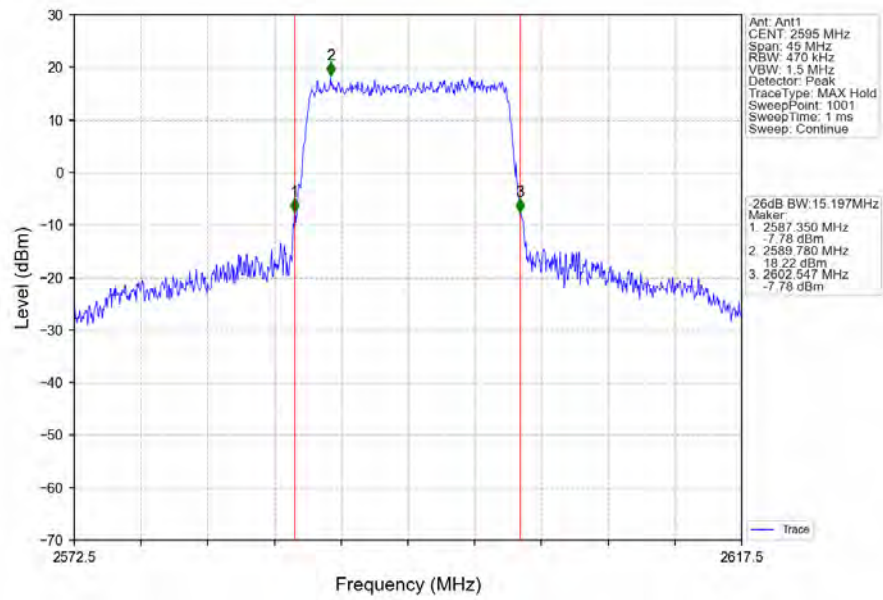
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



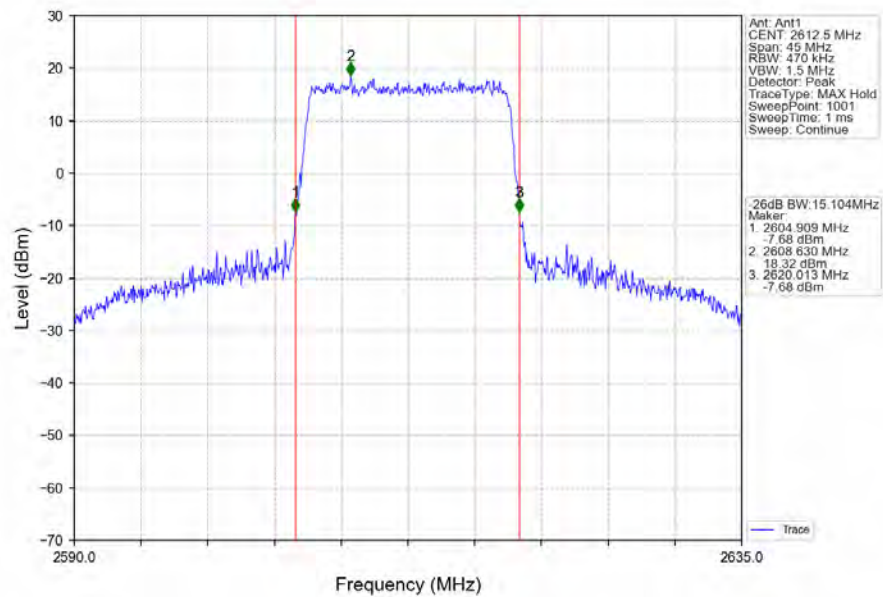
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



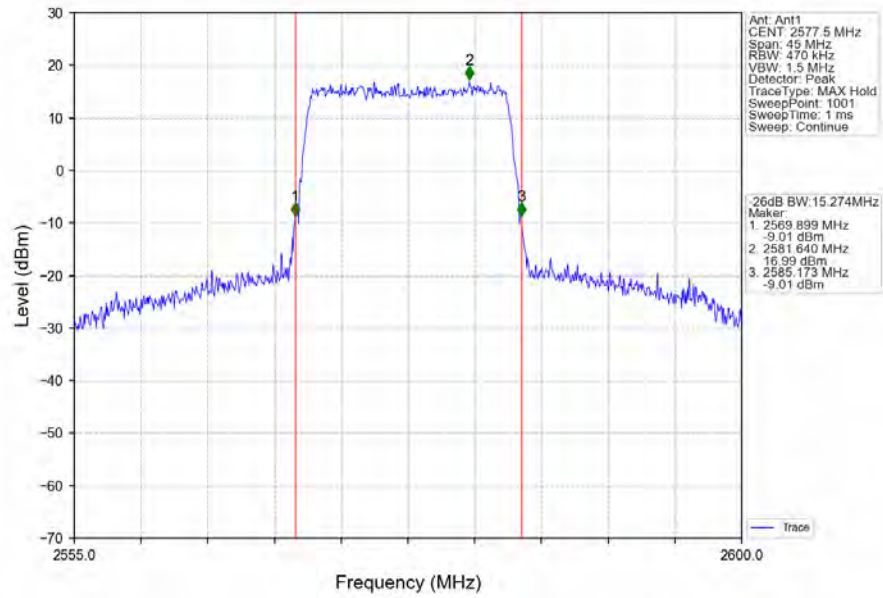
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



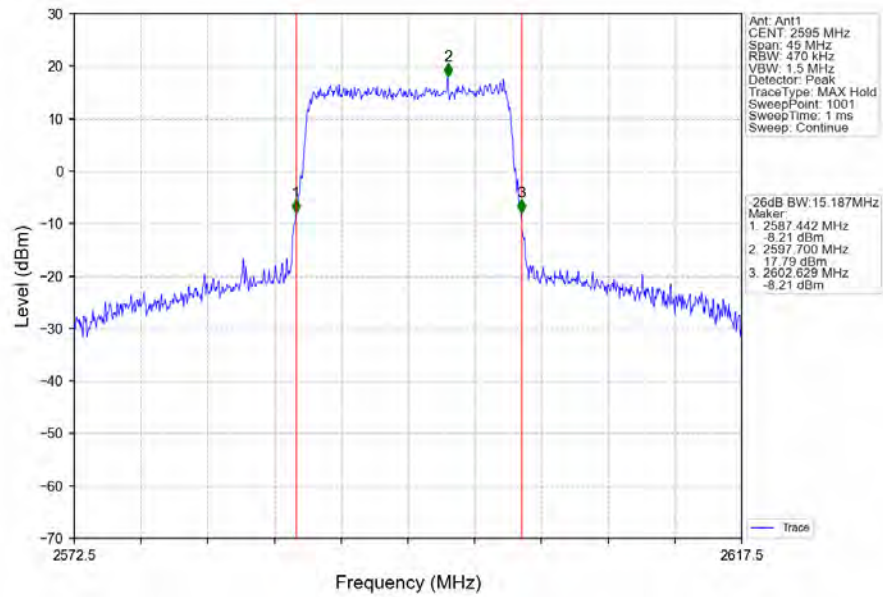
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



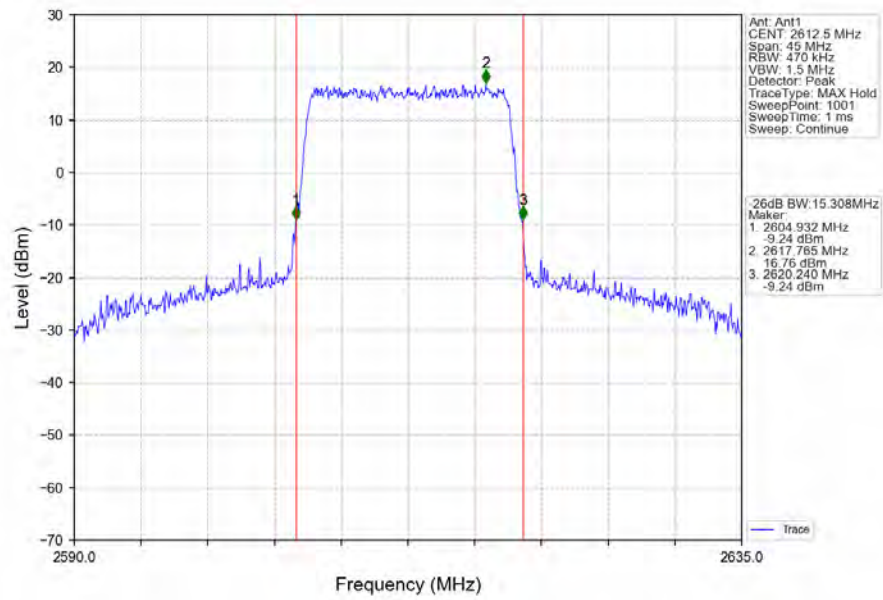
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



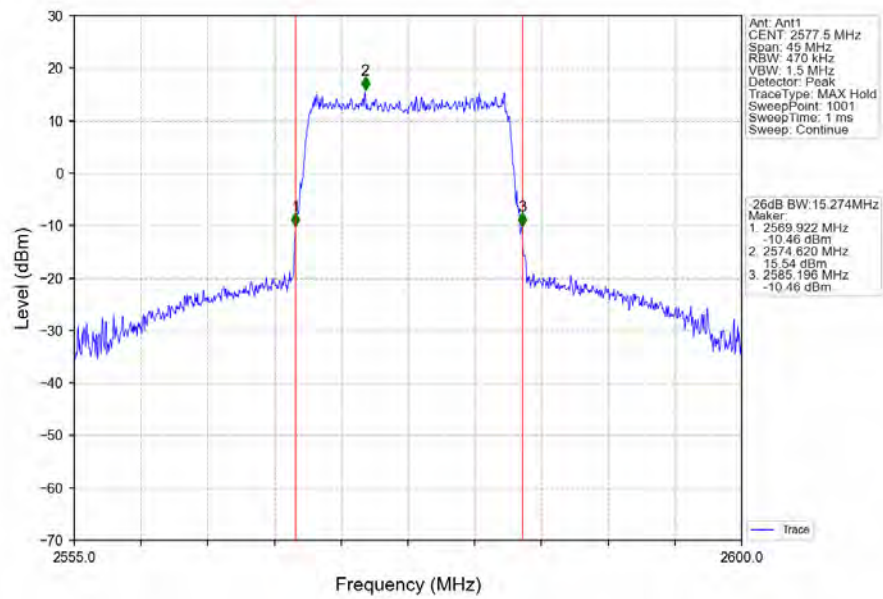
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



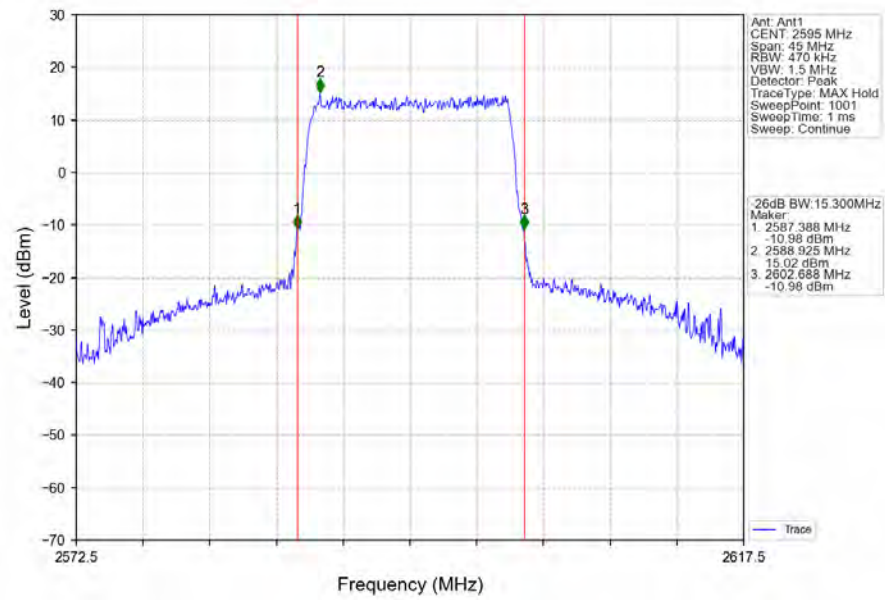
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



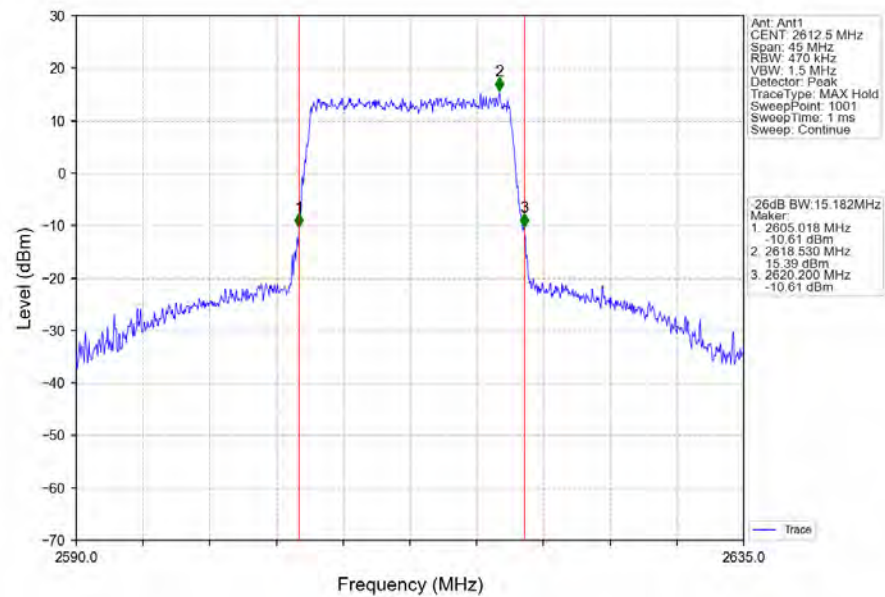
Band38_15MHz_256QAM_LCH_2577.5MHz_RB_75_0_NTNV



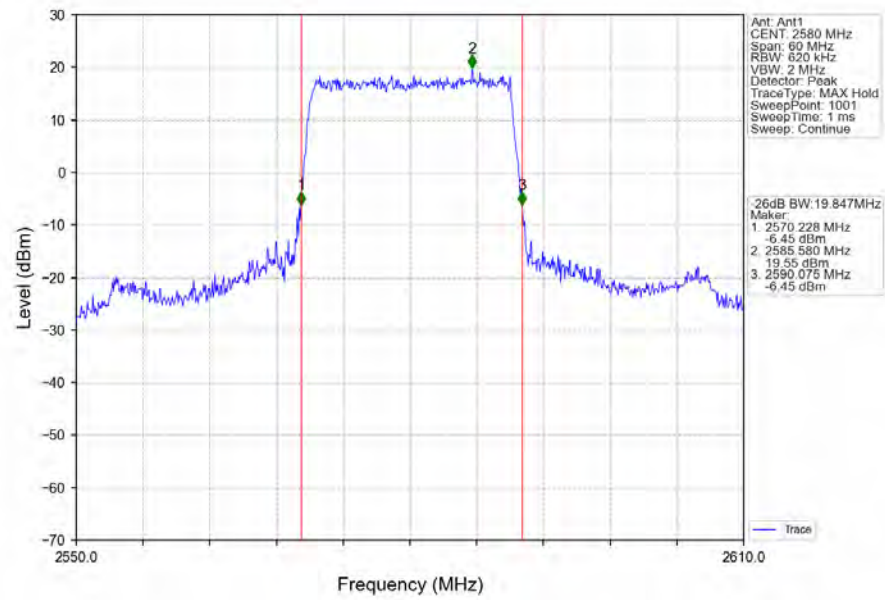
Band38_15MHz_256QAM_MCH_2595MHz_RB_75_0_NTNV



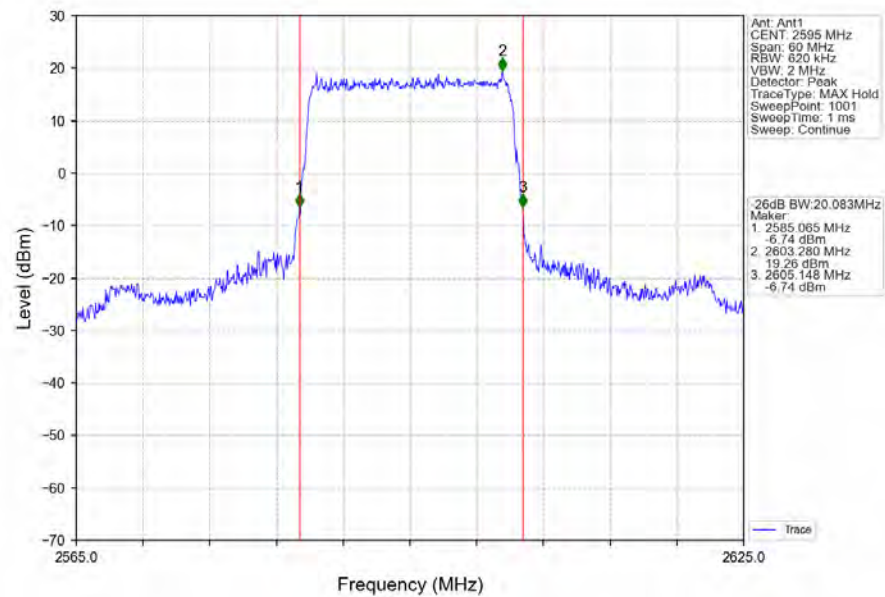
Band38_15MHz_256QAM_HCH_2612.5MHz_RB_75_0_NTNV



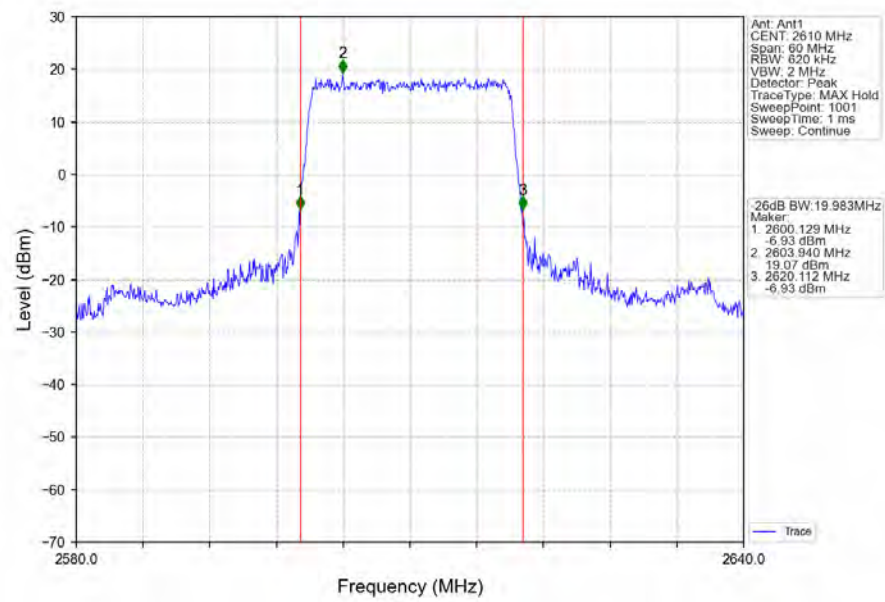
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



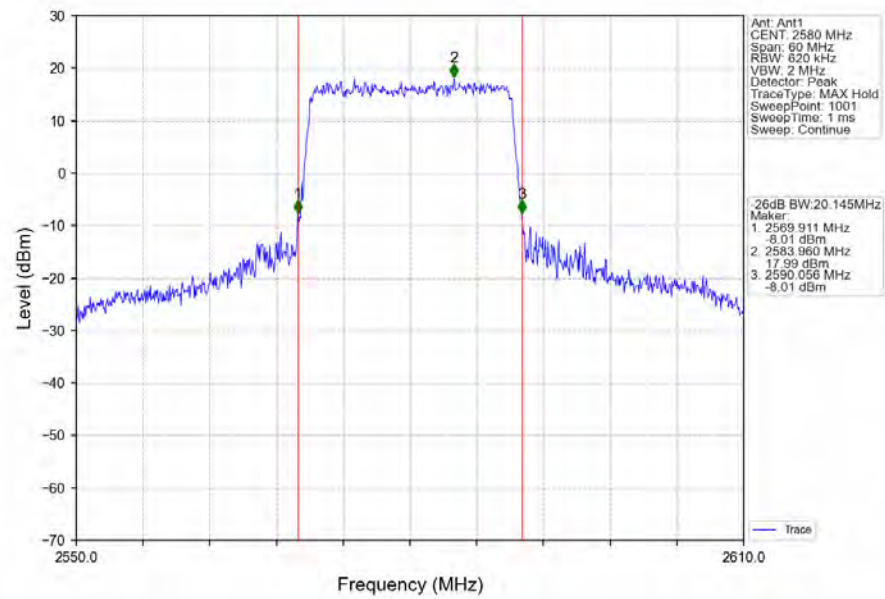
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



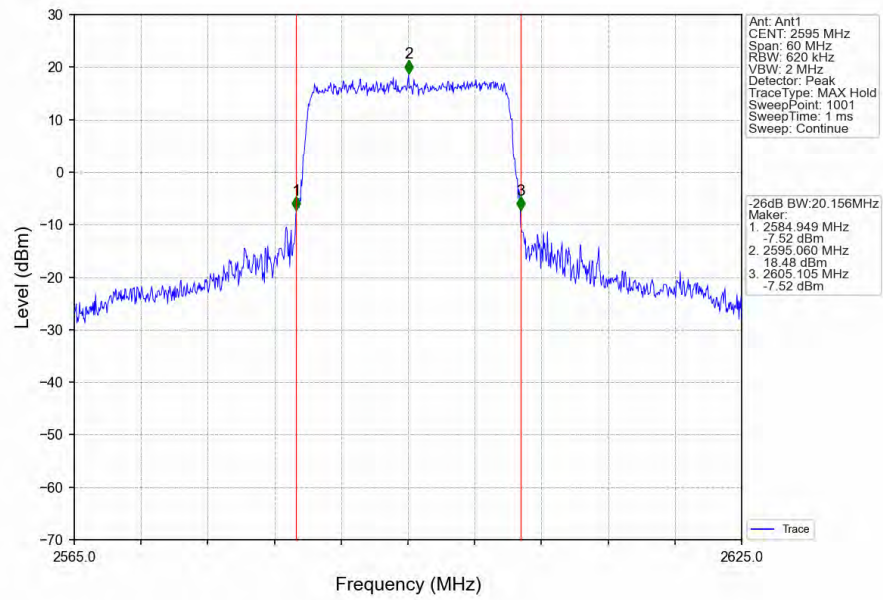
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



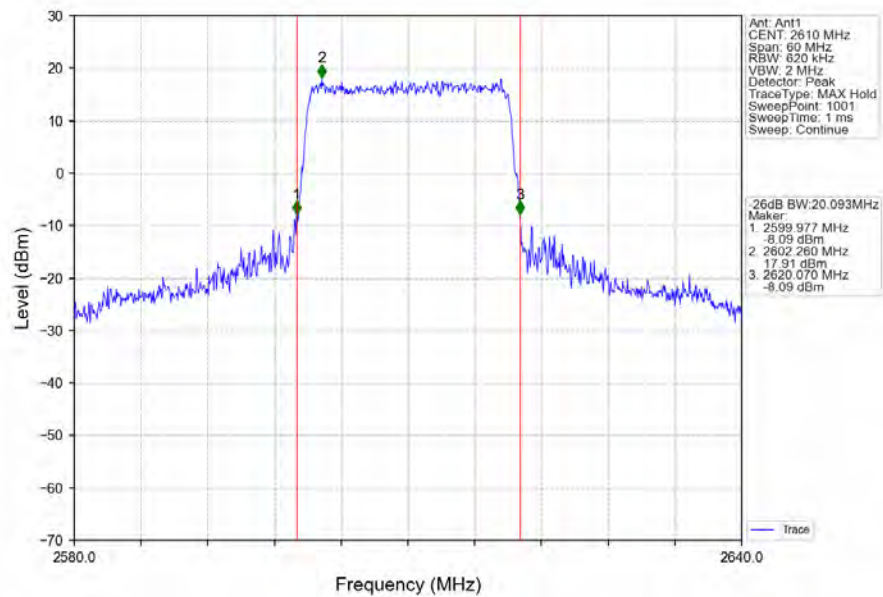
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0 NTN



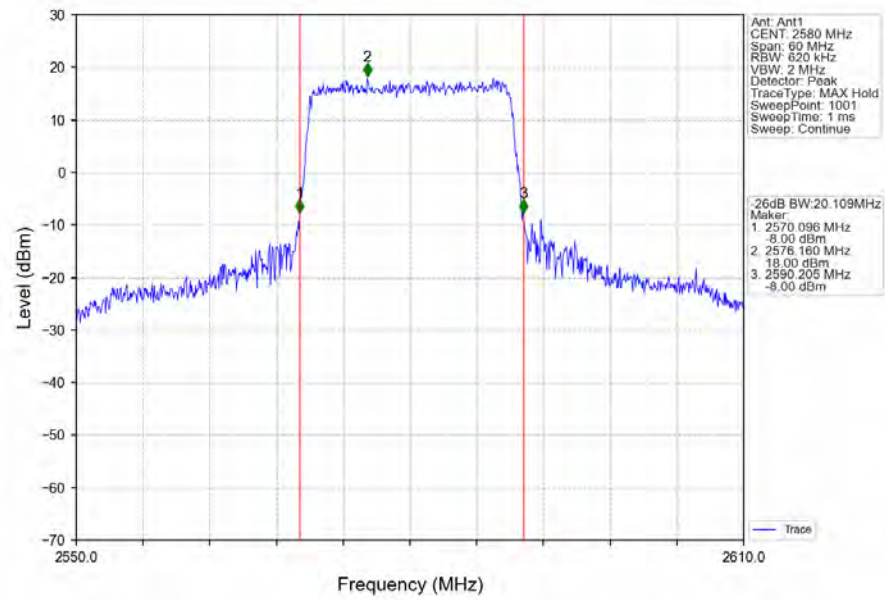
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



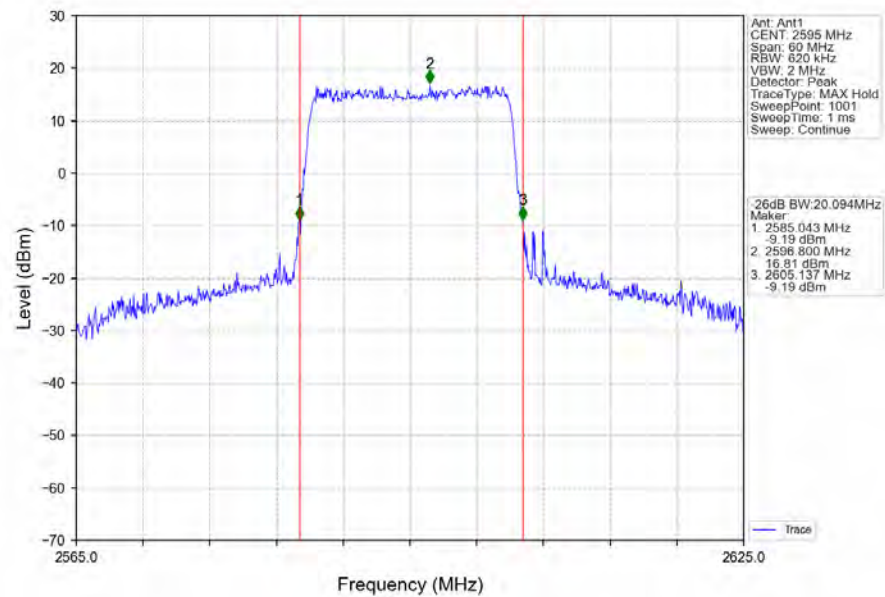
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



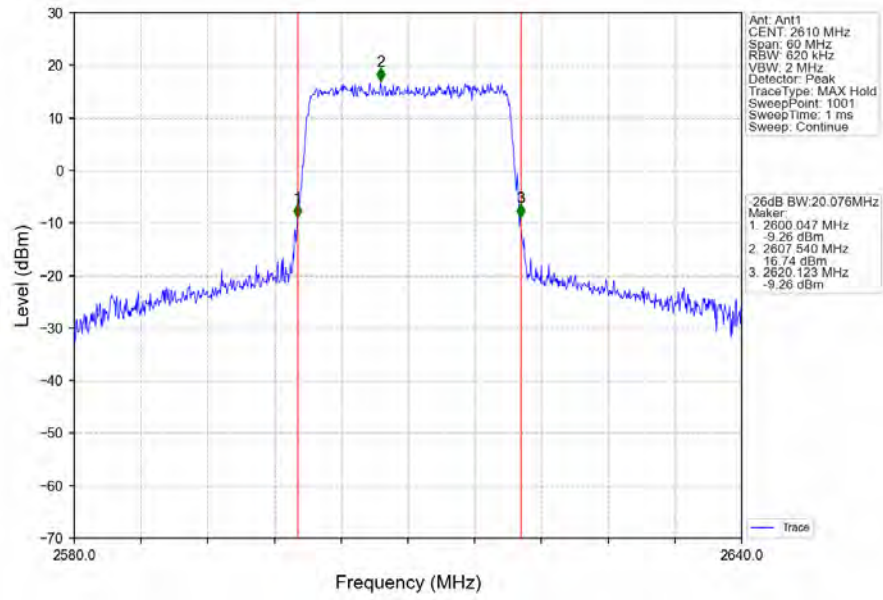
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



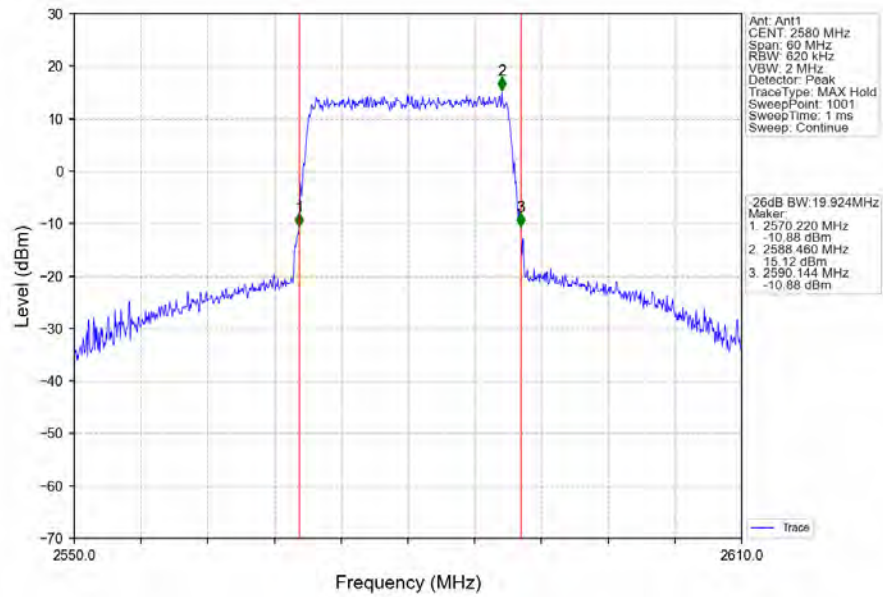
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



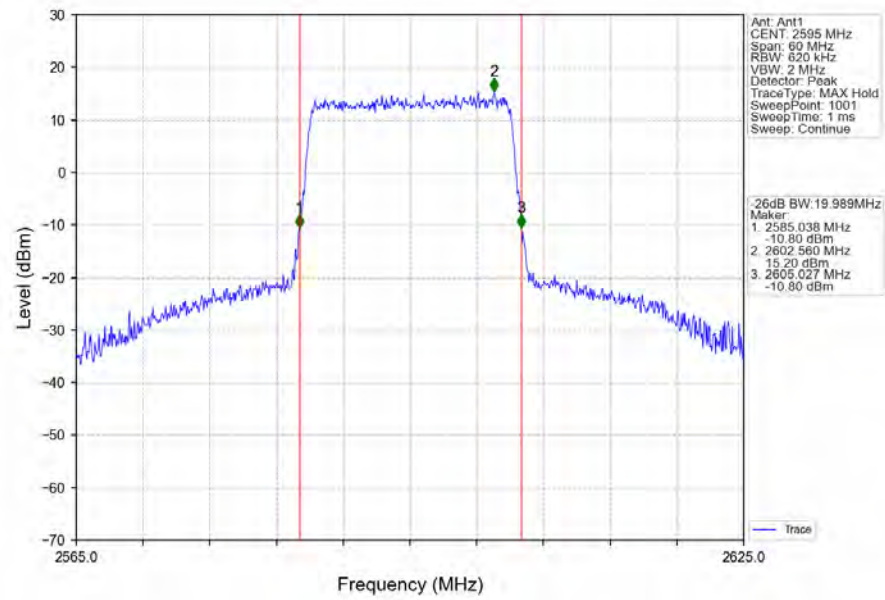
Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



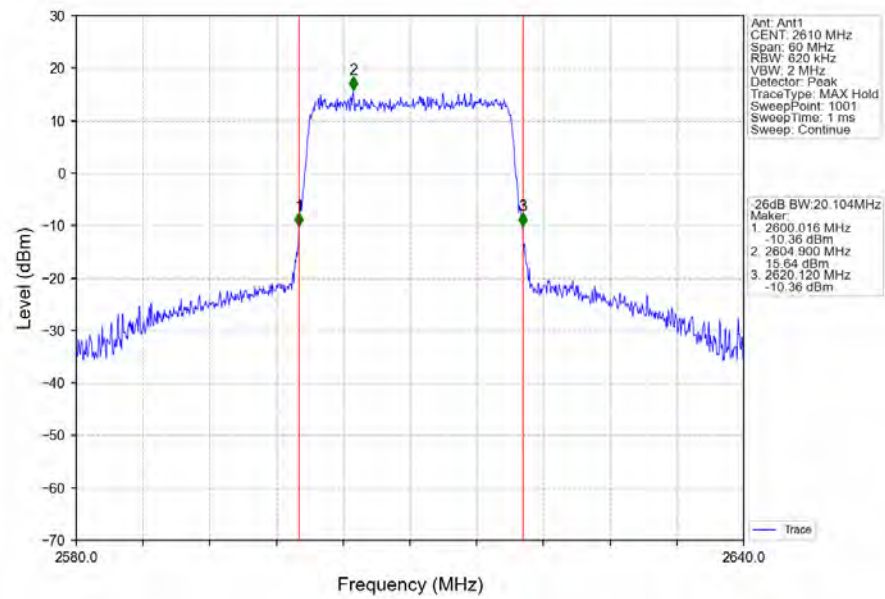
Band38_20MHz_256QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_HCH_2610MHz_RB_100_0_NTNV



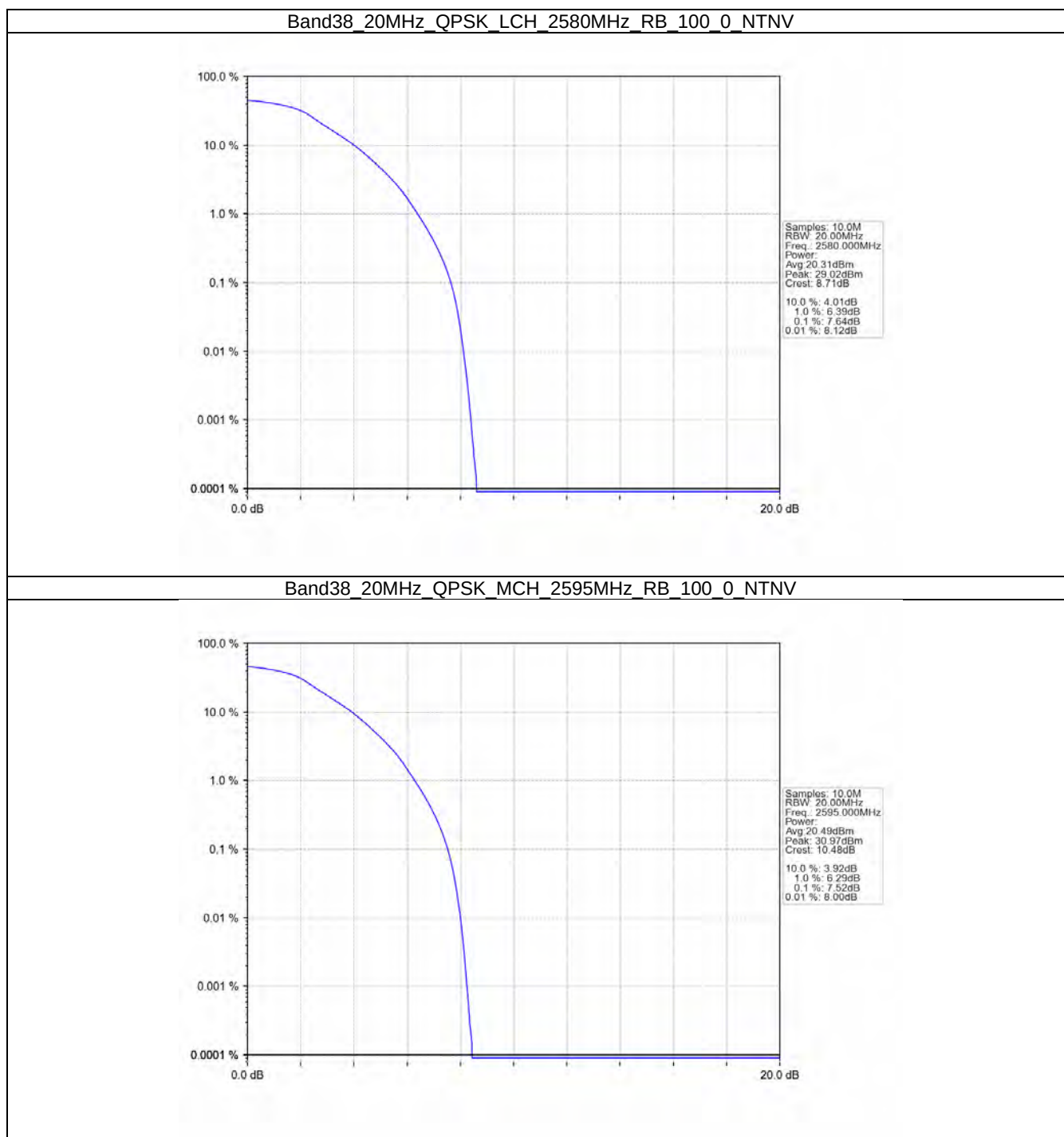
4. Peak-Average Ratio

4.1 B38_20MHz

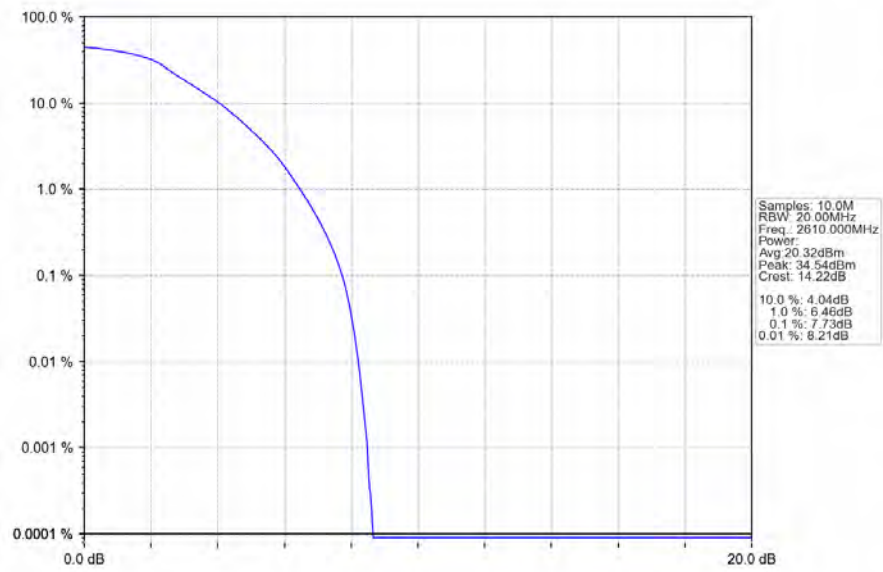
4.1.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.64	<=13	Pass
	2595	100	0	7.52	<=13	Pass
	2610	100	0	7.73	<=13	Pass
16QAM	2580	100	0	8.40	<=13	Pass
	2595	100	0	8.37	<=13	Pass
	2610	100	0	8.45	<=13	Pass
64QAM	2580	100	0	9.01	<=13	Pass
	2595	100	0	9.11	<=13	Pass
	2610	100	0	8.94	<=13	Pass
256QAM	2580	100	0	8.79	<=13	Pass
	2595	100	0	8.78	<=13	Pass
	2610	100	0	8.82	<=13	Pass

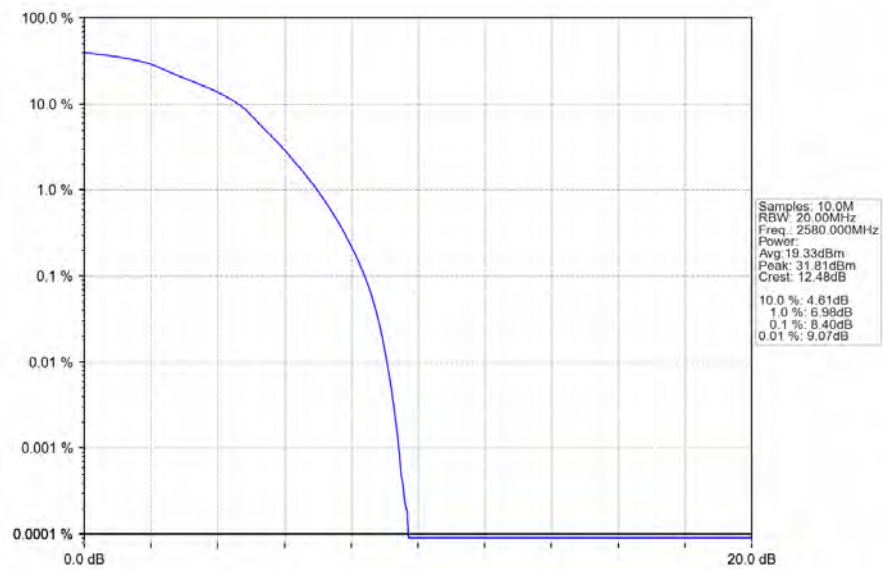
4.1.2 Test Graph



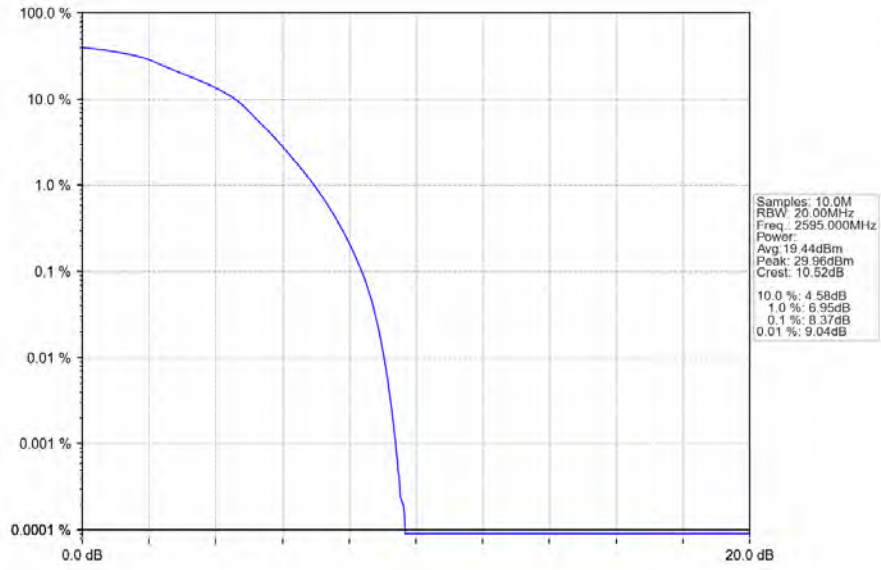
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTV



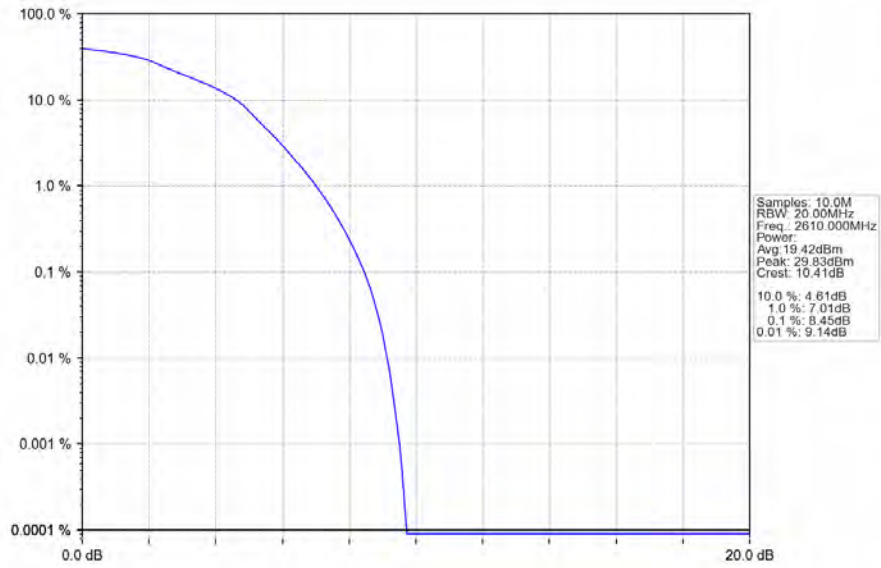
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTV



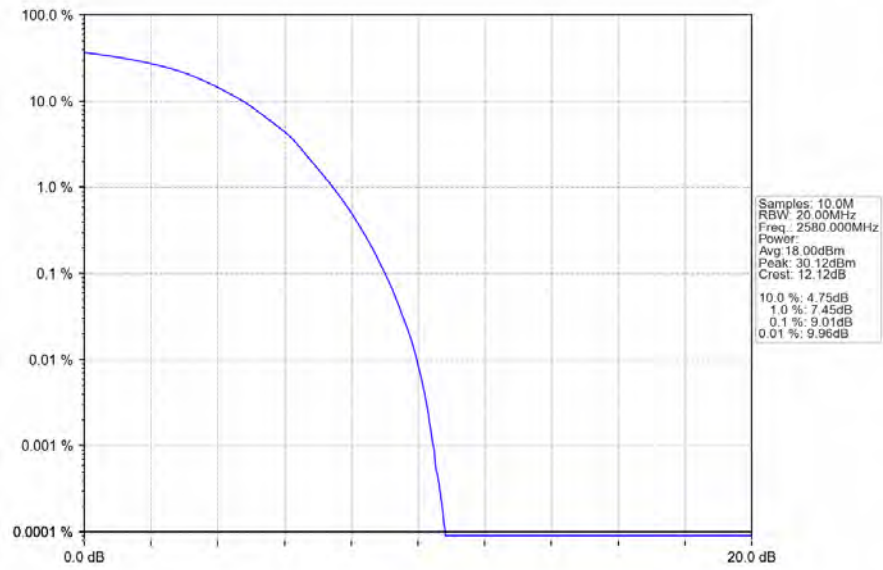
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



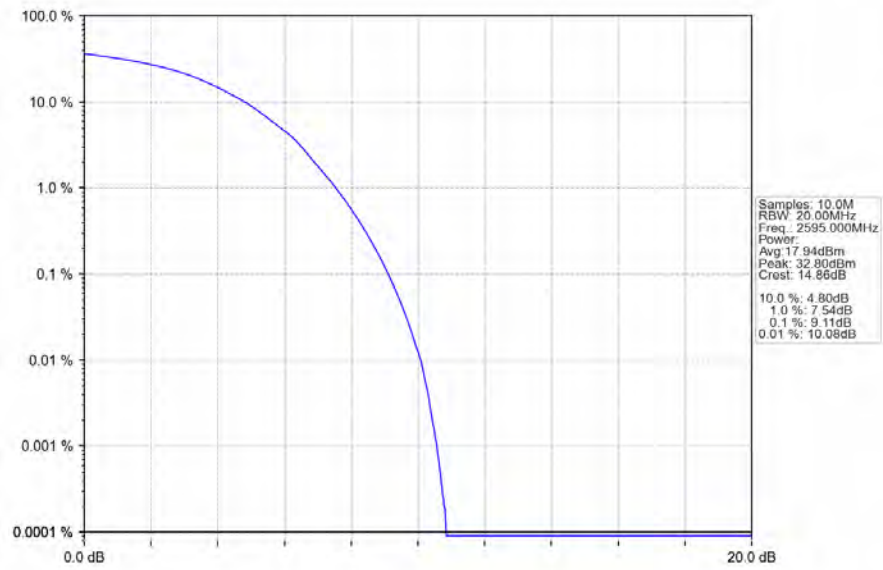
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



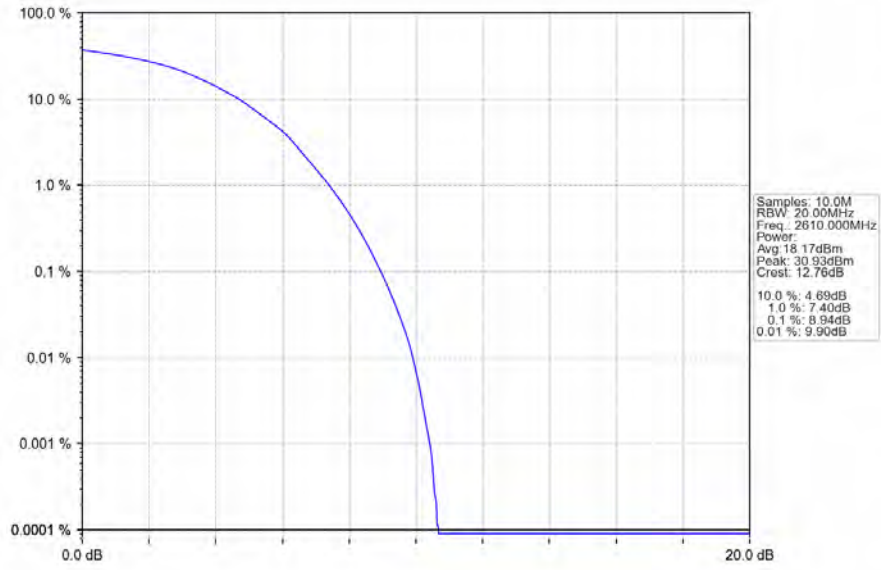
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



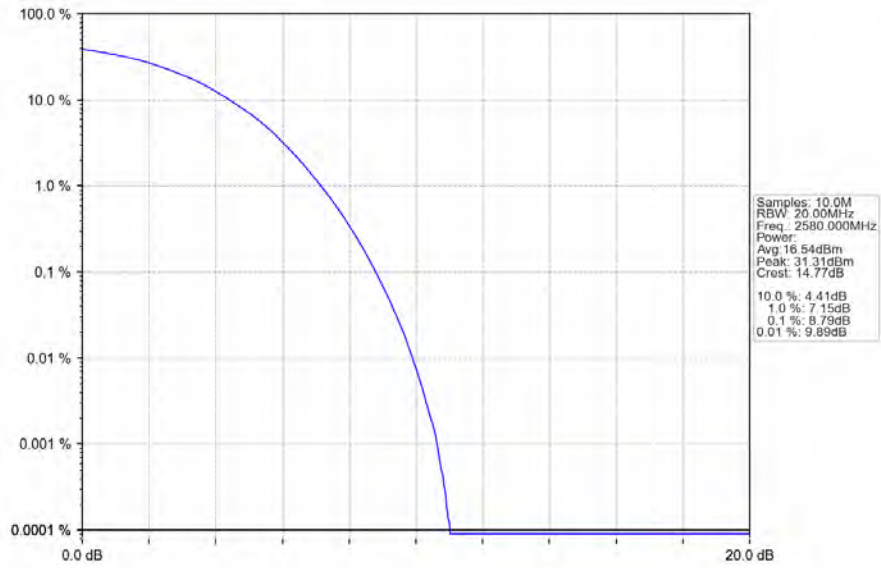
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



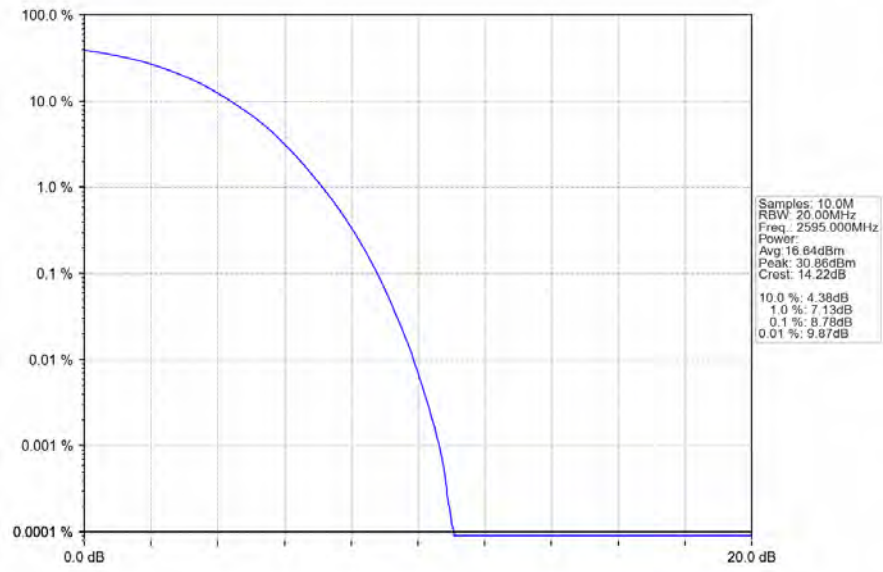
Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



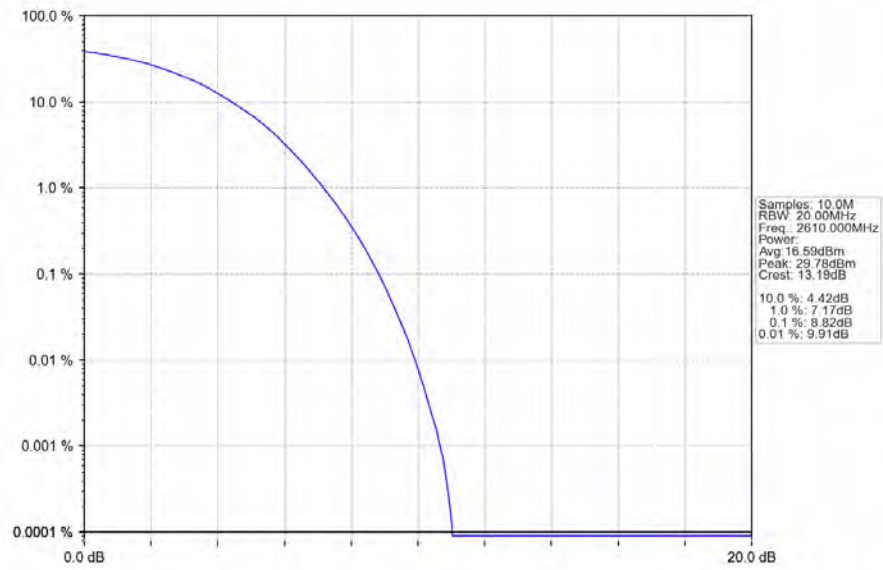
Band38_20MHz_256QAM_LCH_2580MHz_RB_100_0_NTNV



Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 256QAM HCH 2610MHz RB 100 0 NTNV



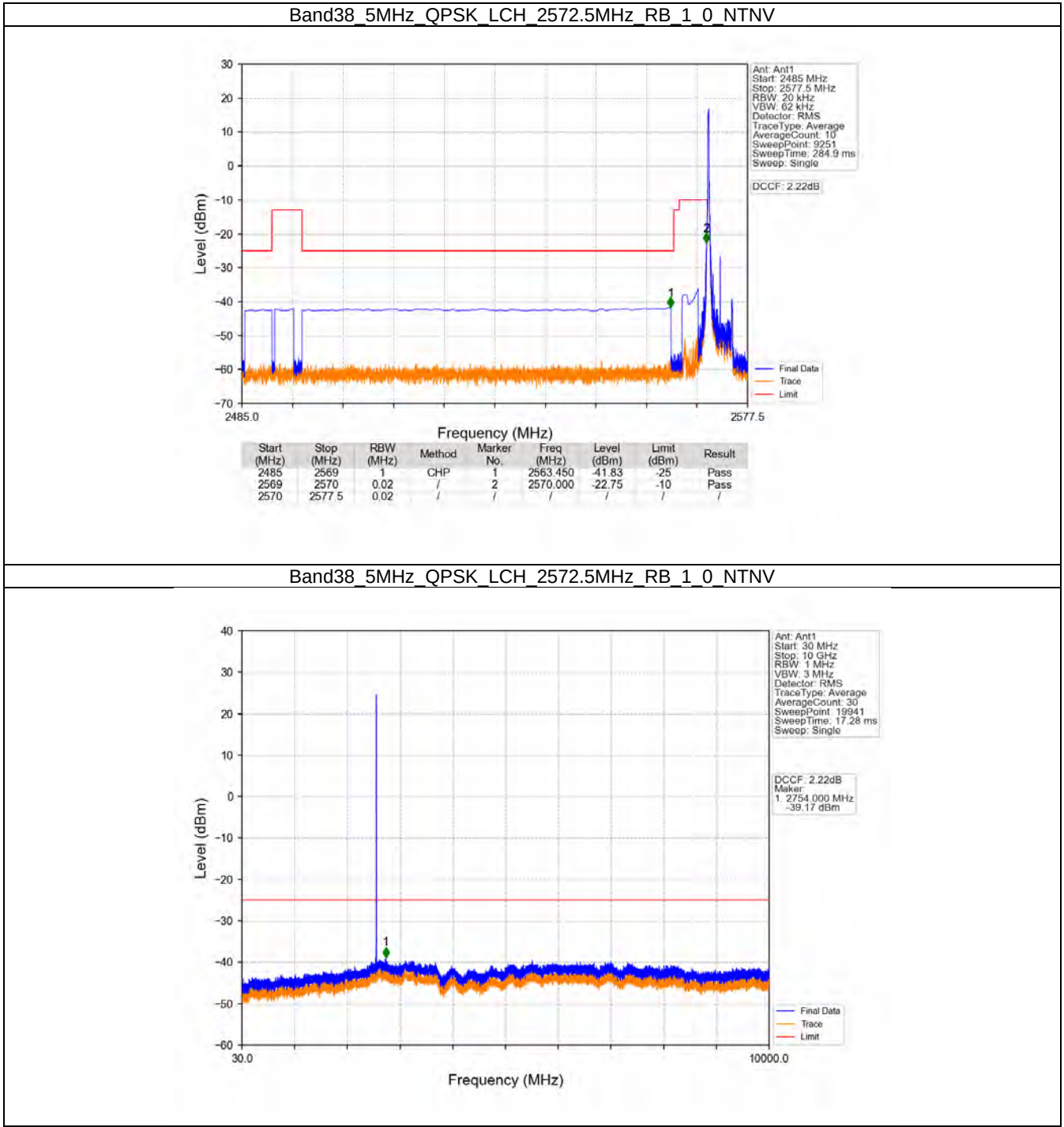
5. Spurious Emission

5.1 B38_5MHz

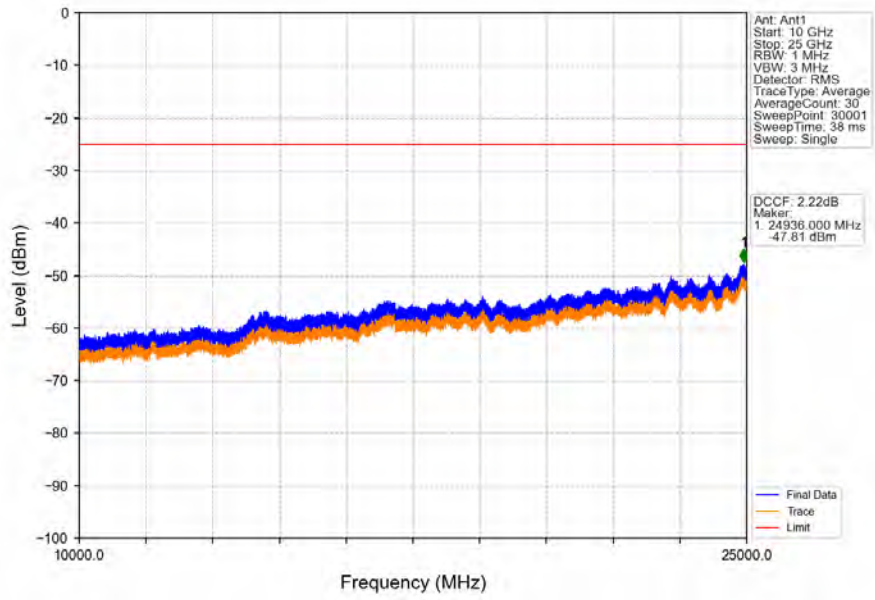
5.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTV						
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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

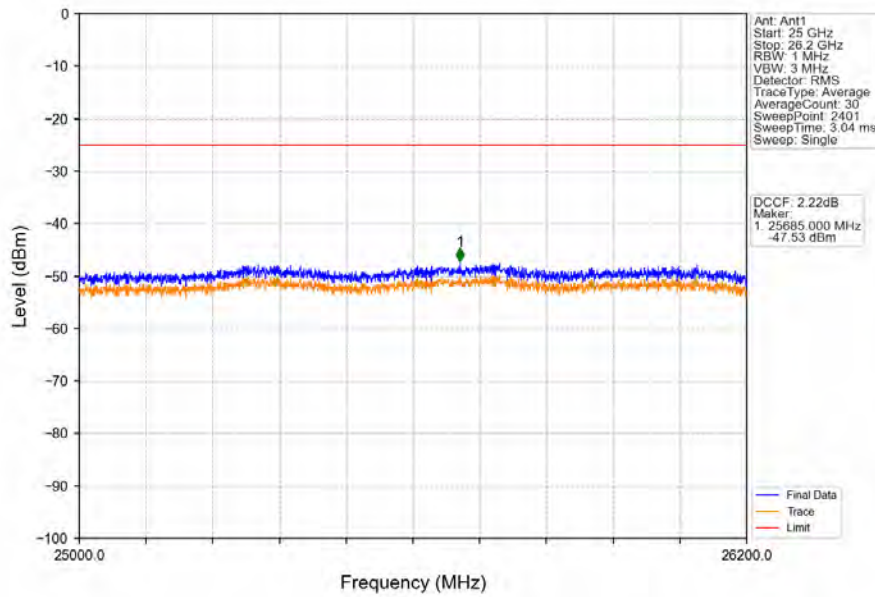
5.1.2 Test Graph



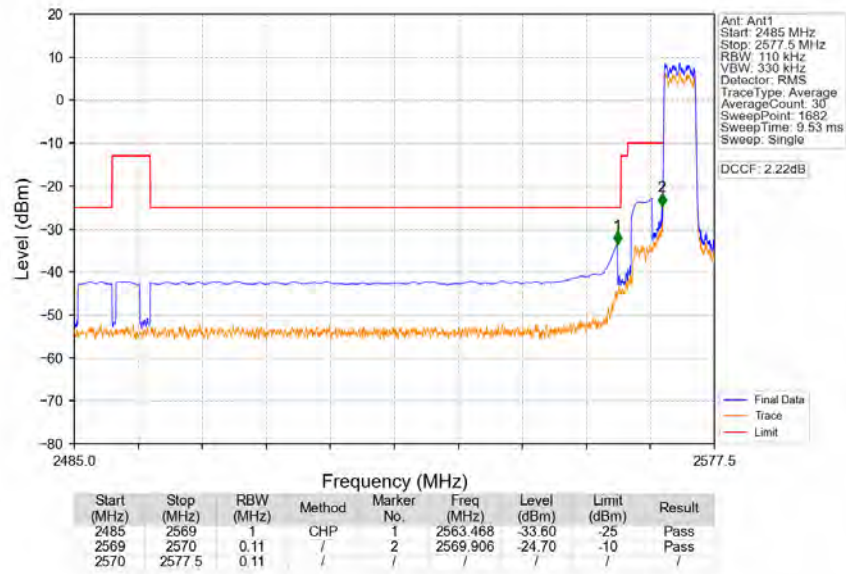
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



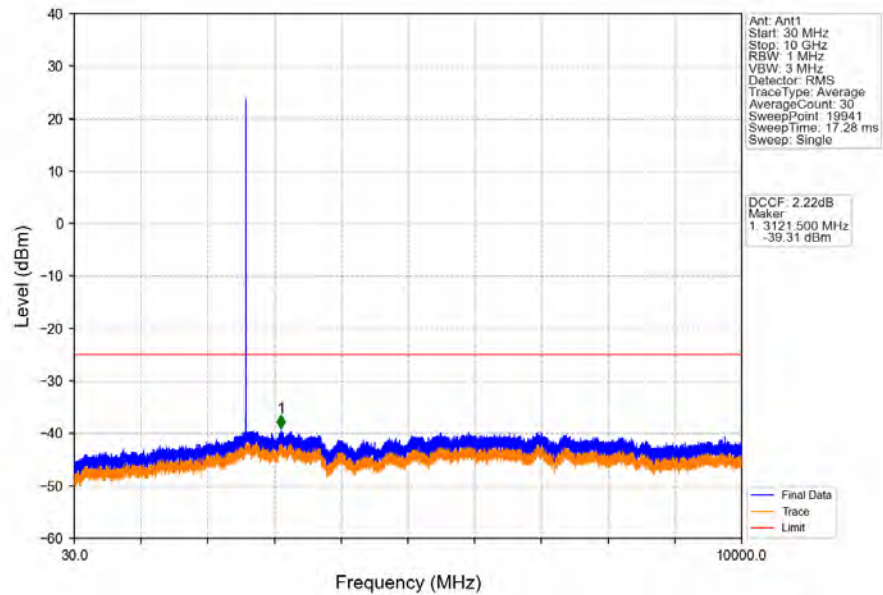
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



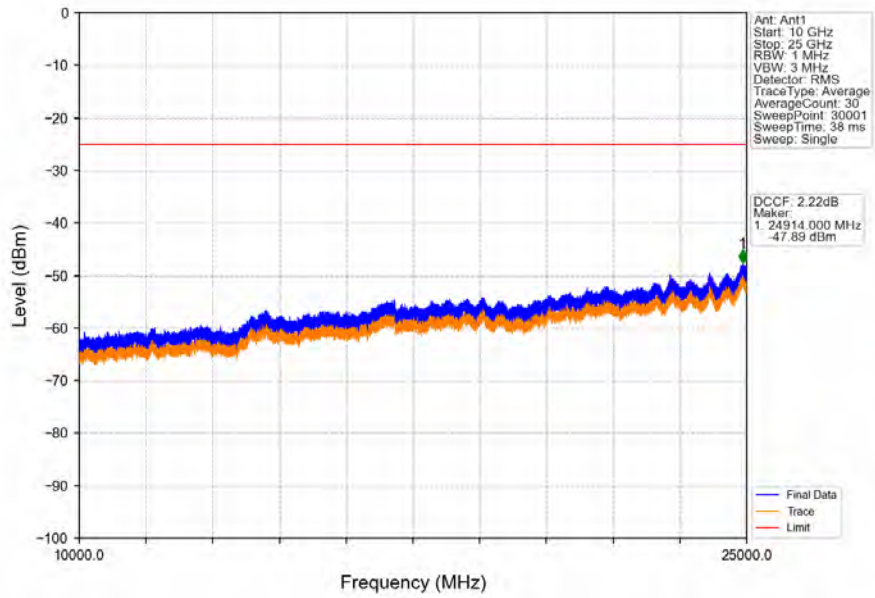
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



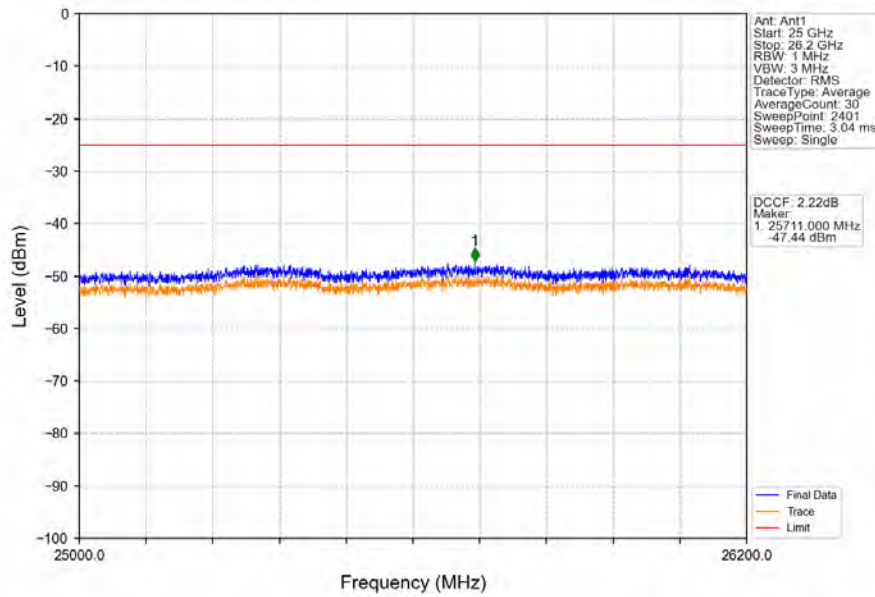
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



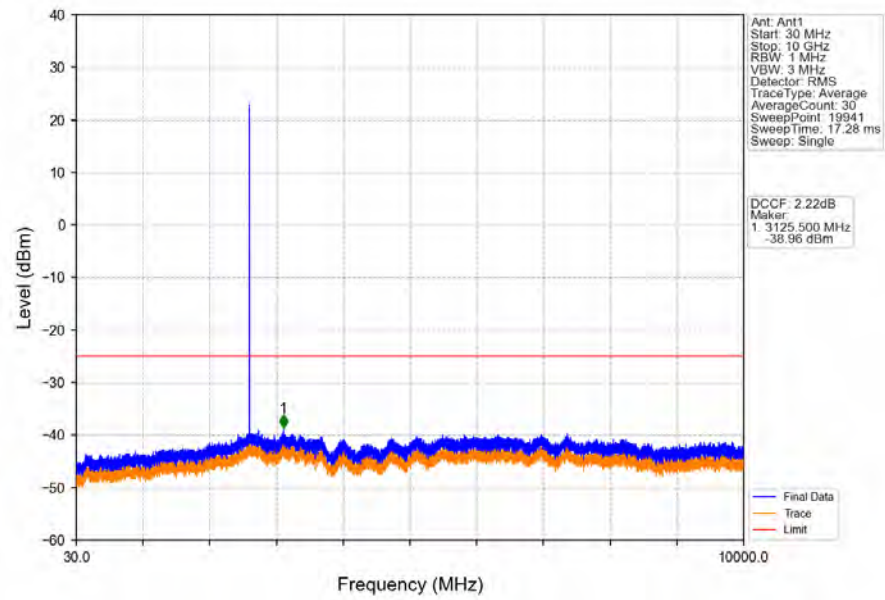
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



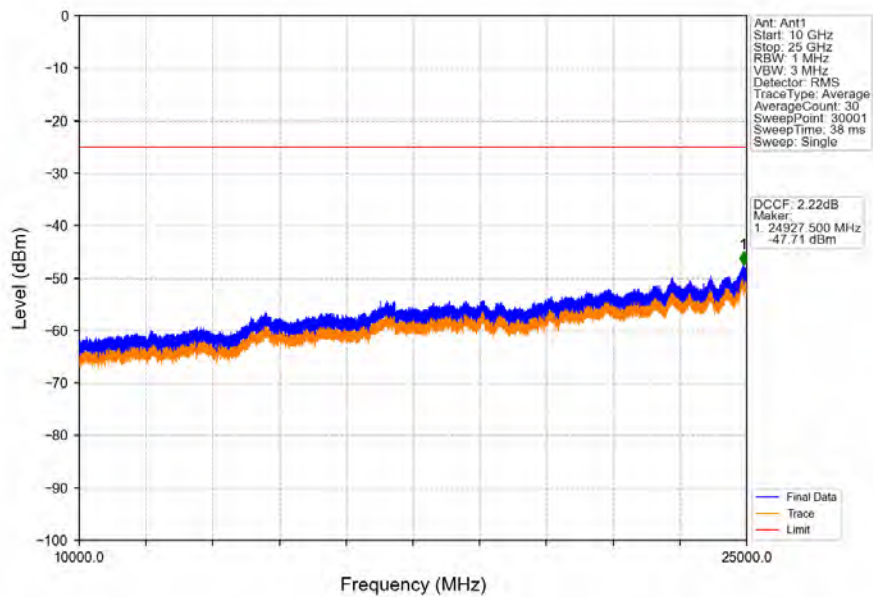
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



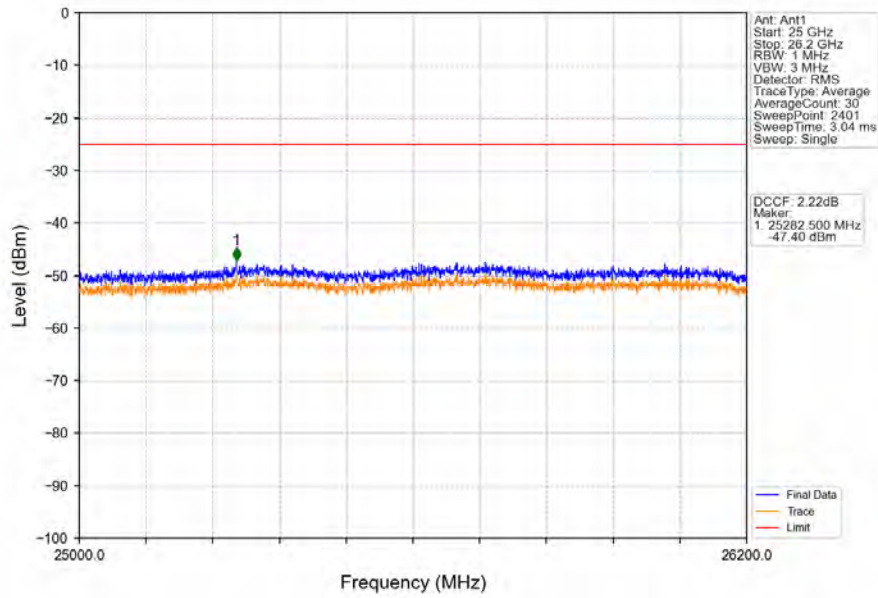
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



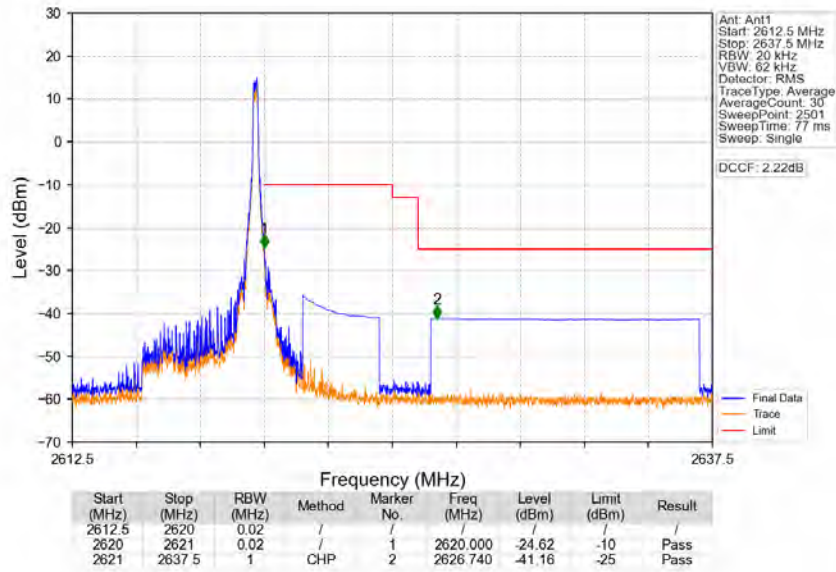
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



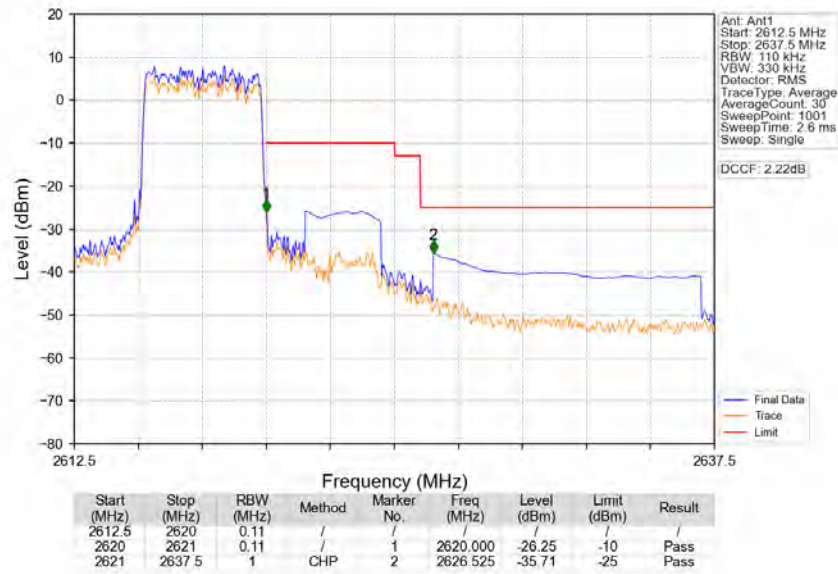
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV

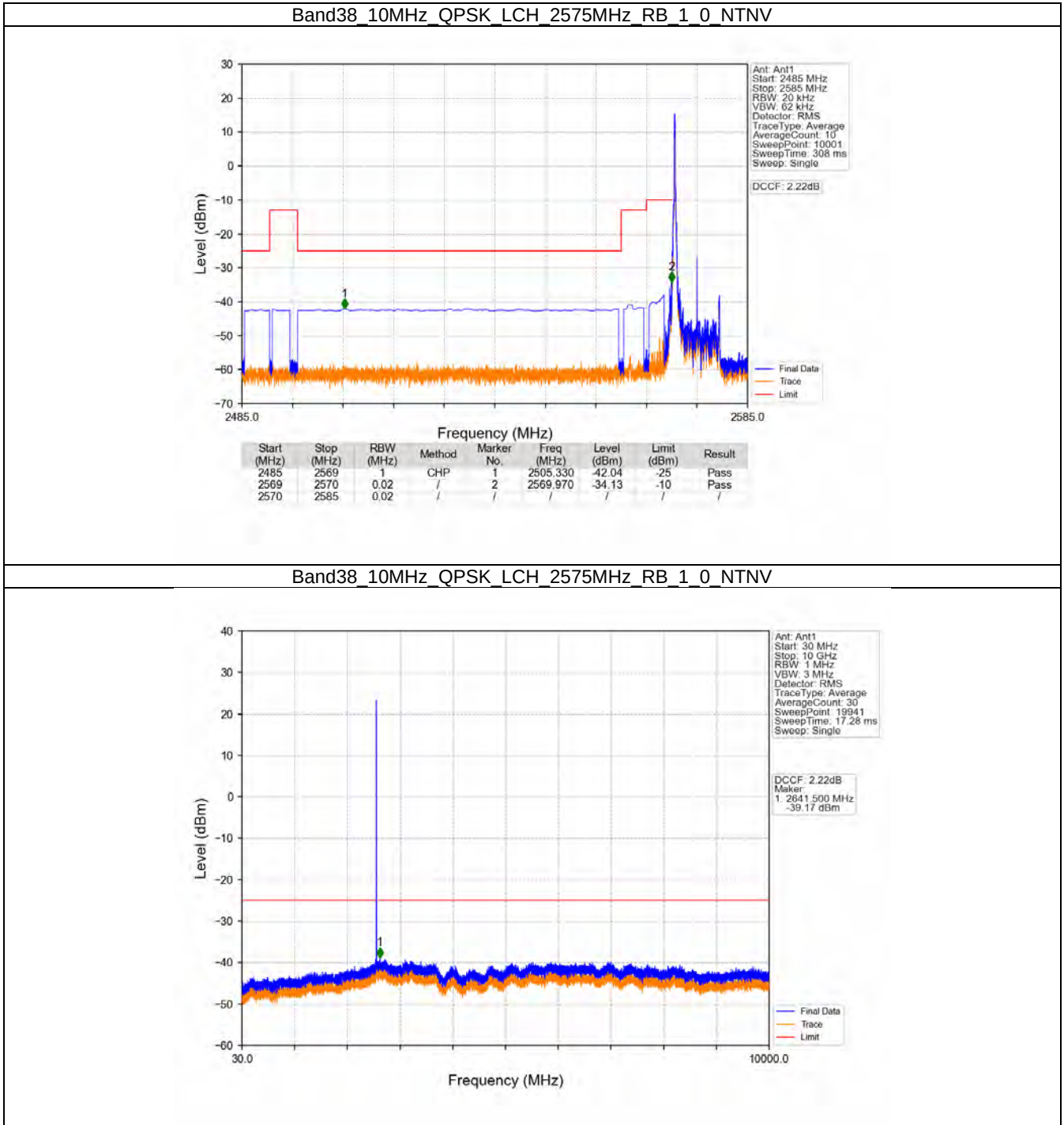


5.2 B38_10MHz

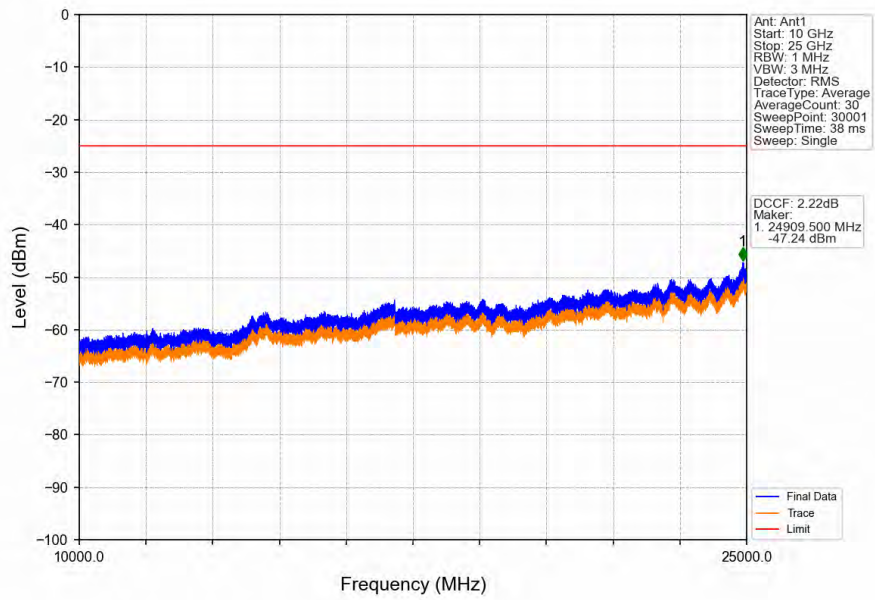
5.2.1 Test Result

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

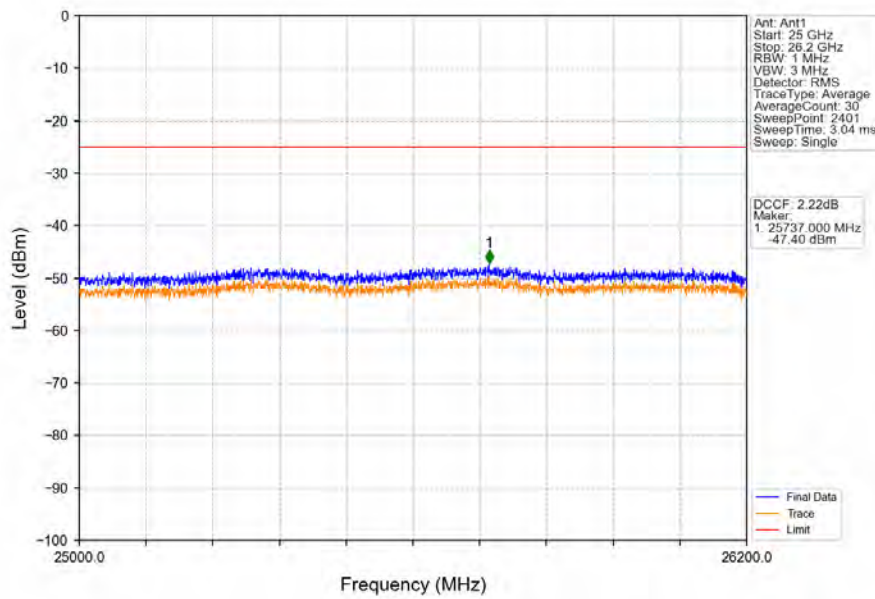
5.2.2 Test Graph



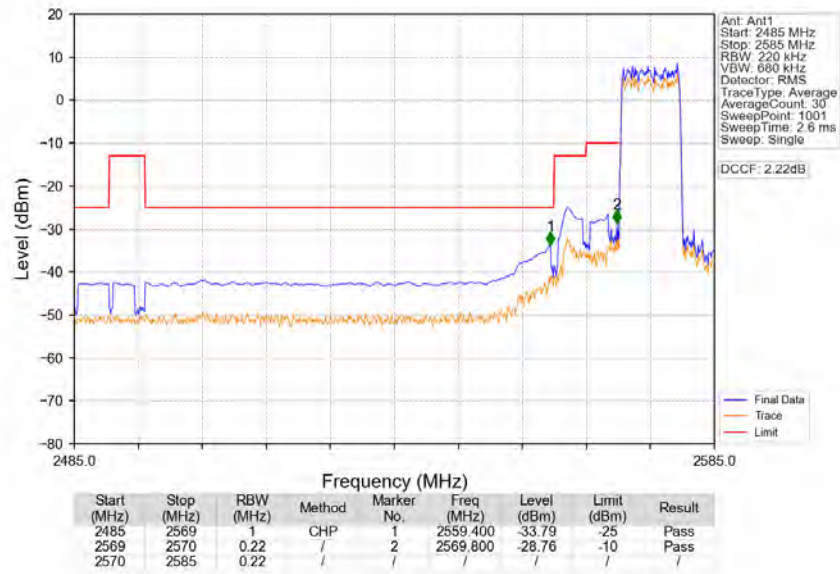
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



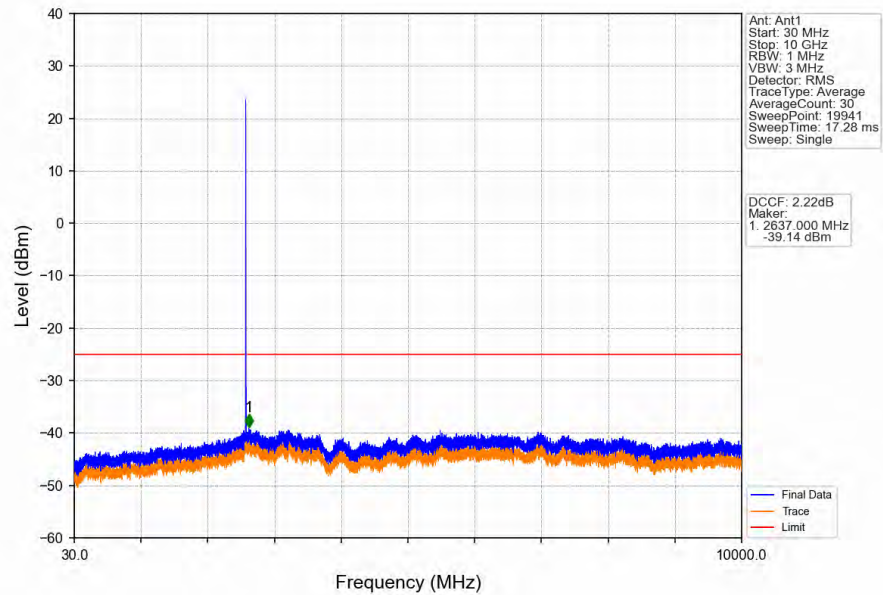
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



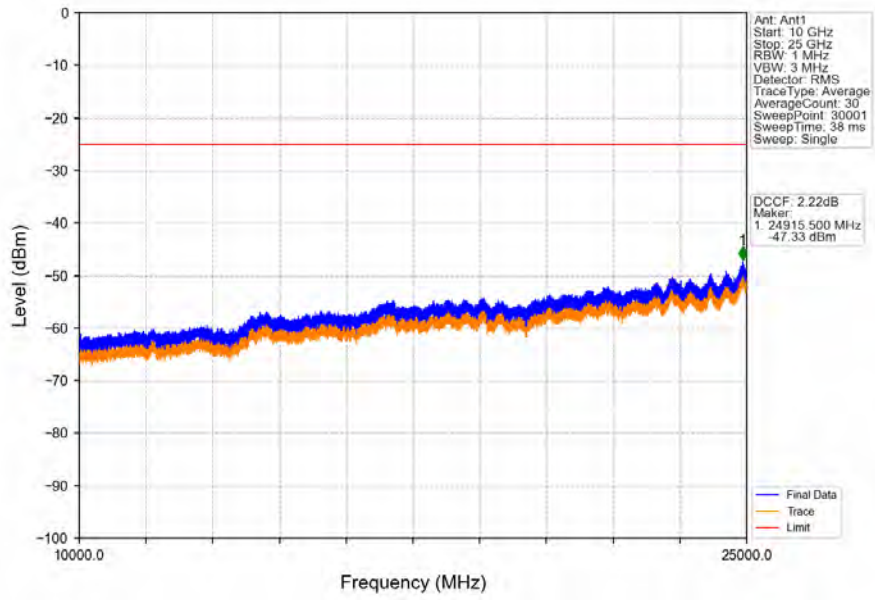
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



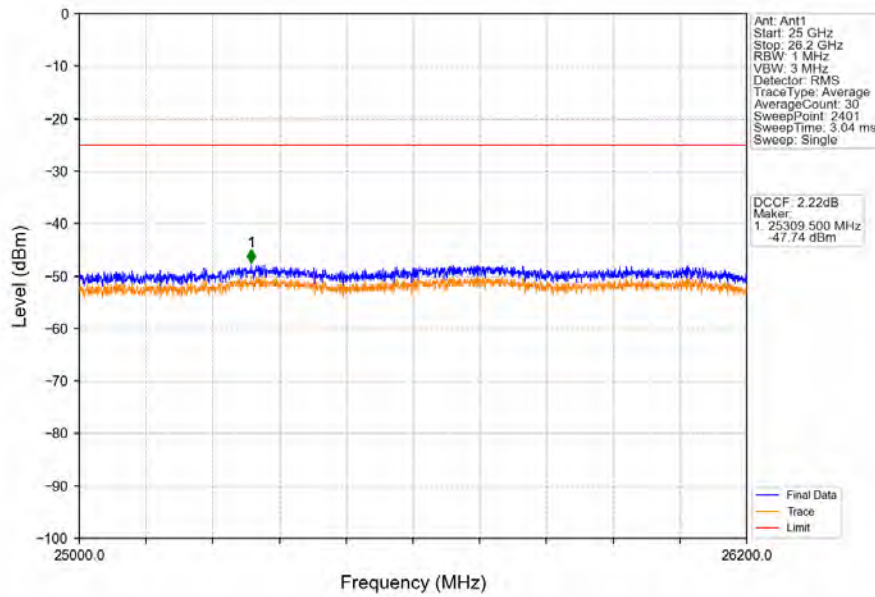
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



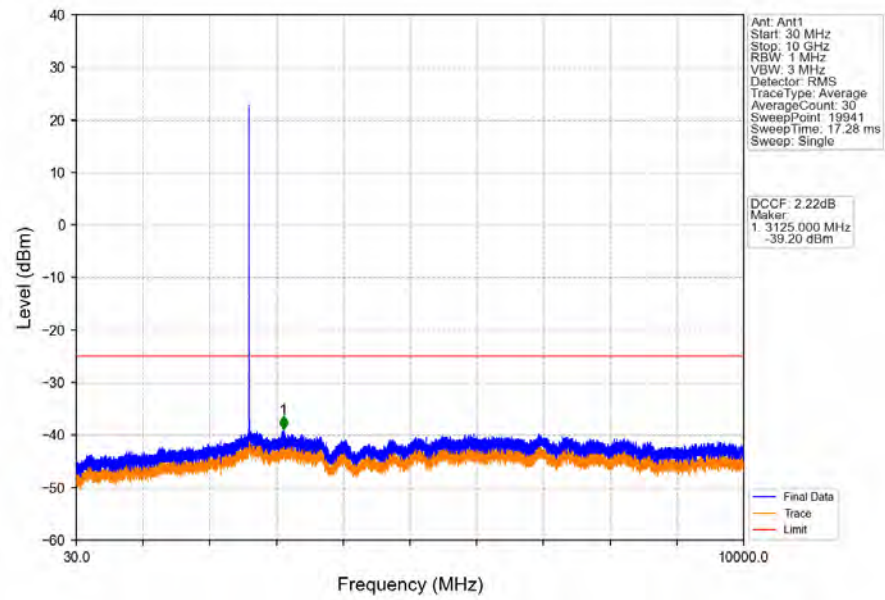
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



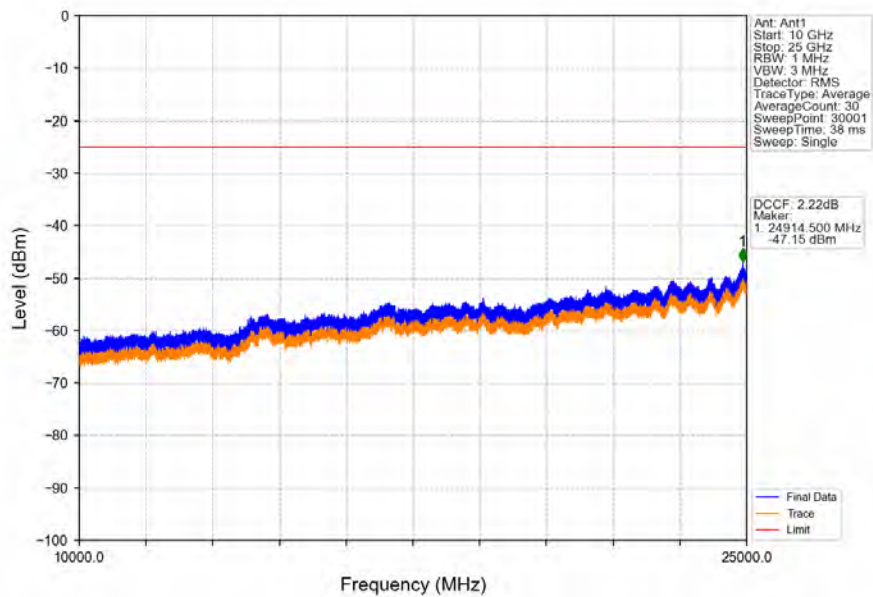
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



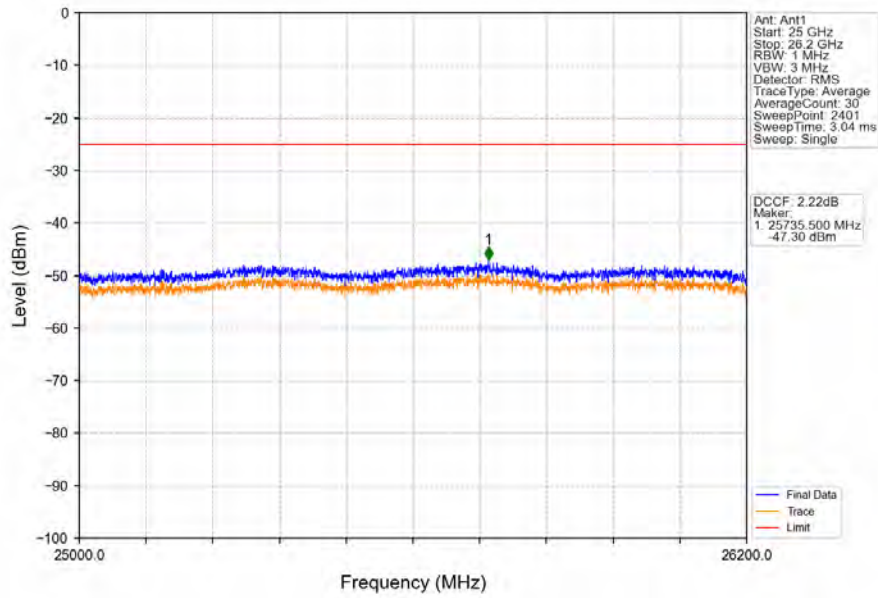
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



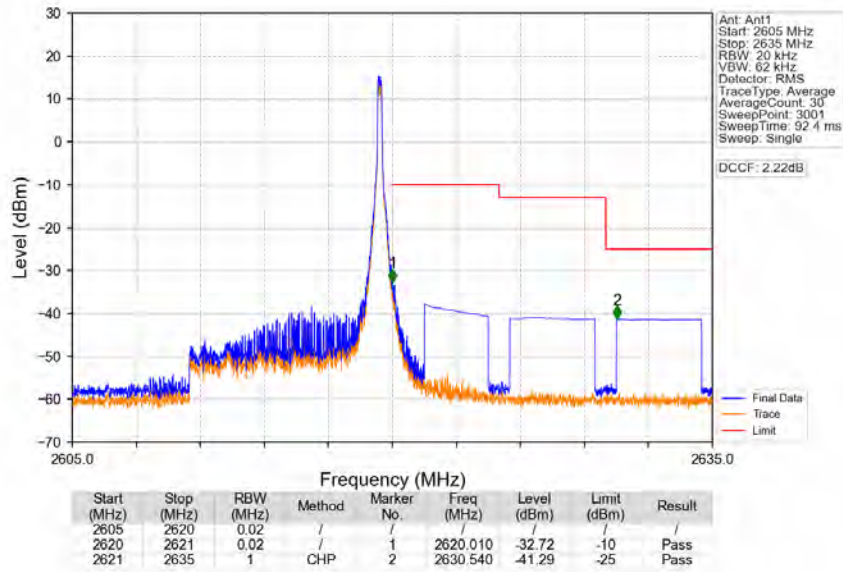
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



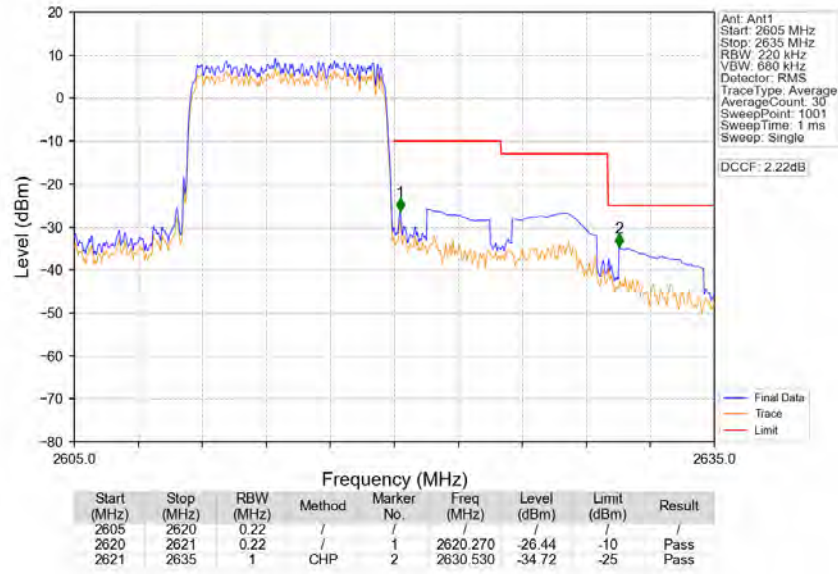
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

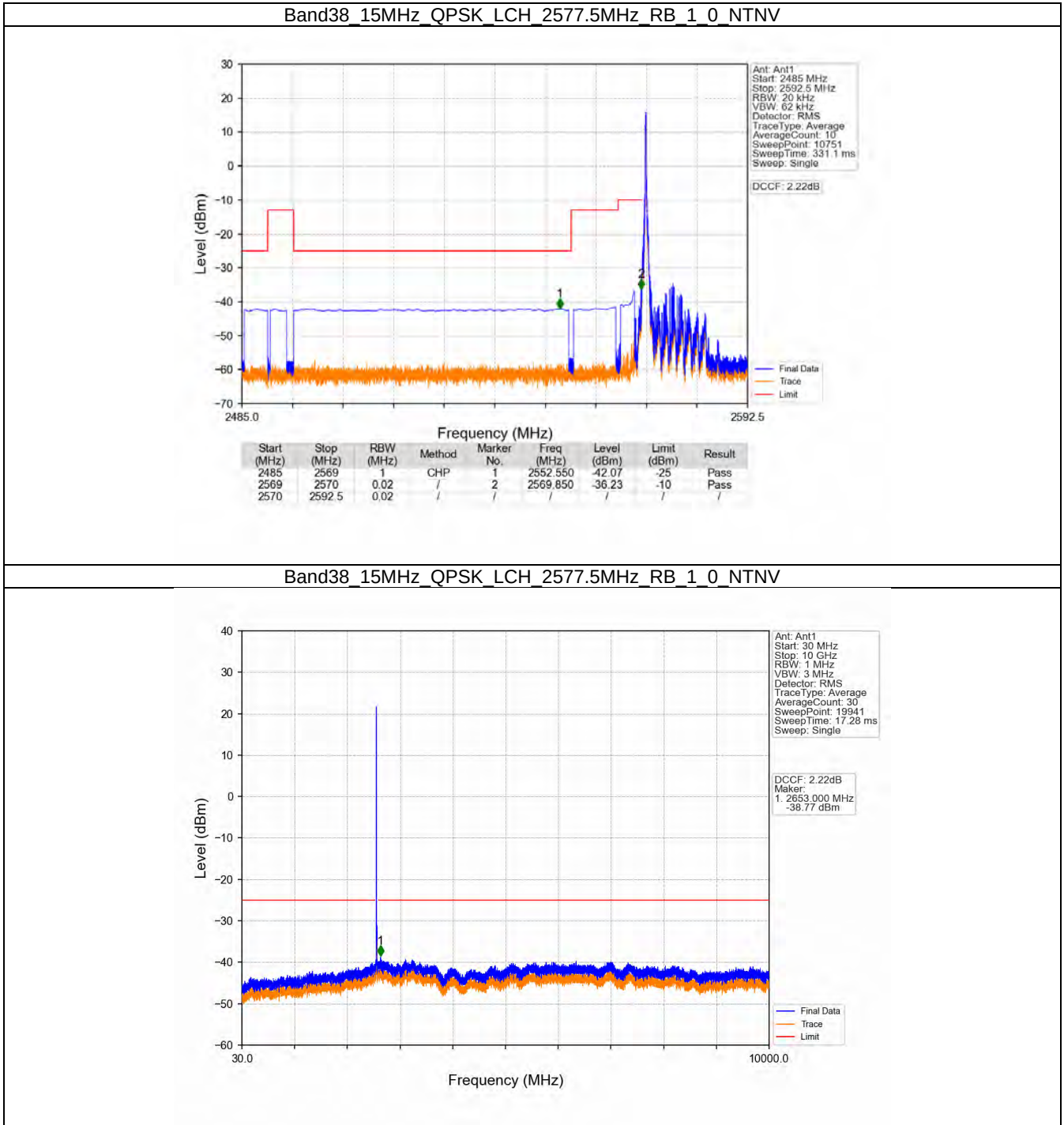


5.3 B38_15MHz

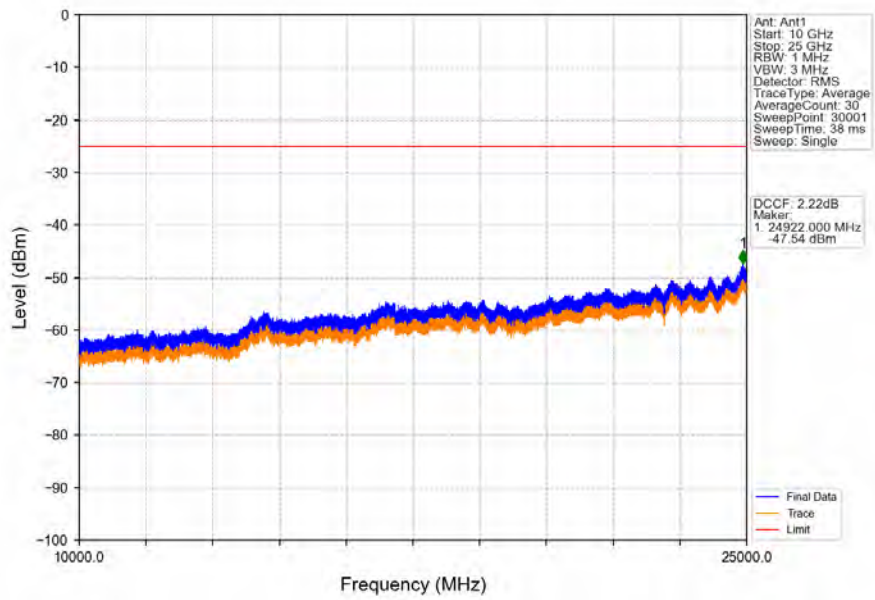
5.3.1 Test Result

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

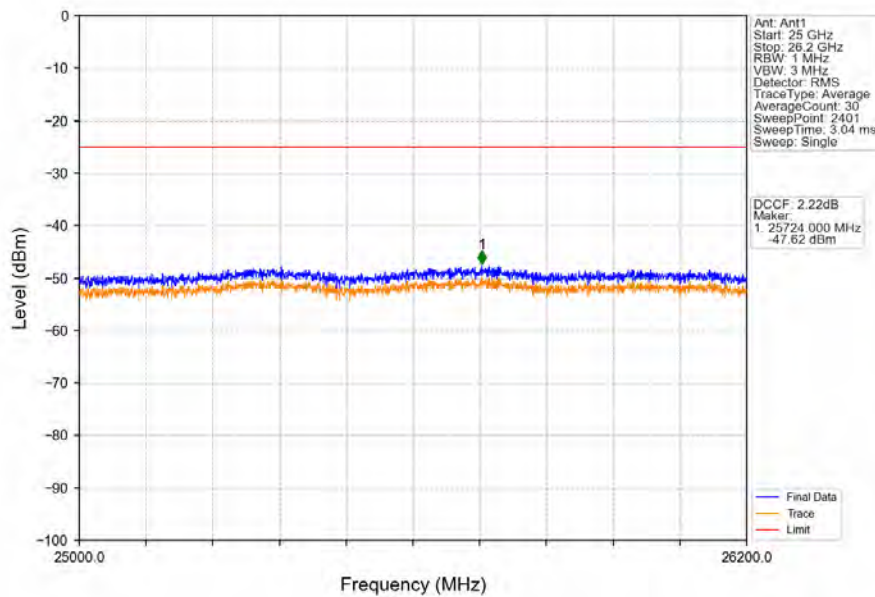
5.3.2 Test Graph



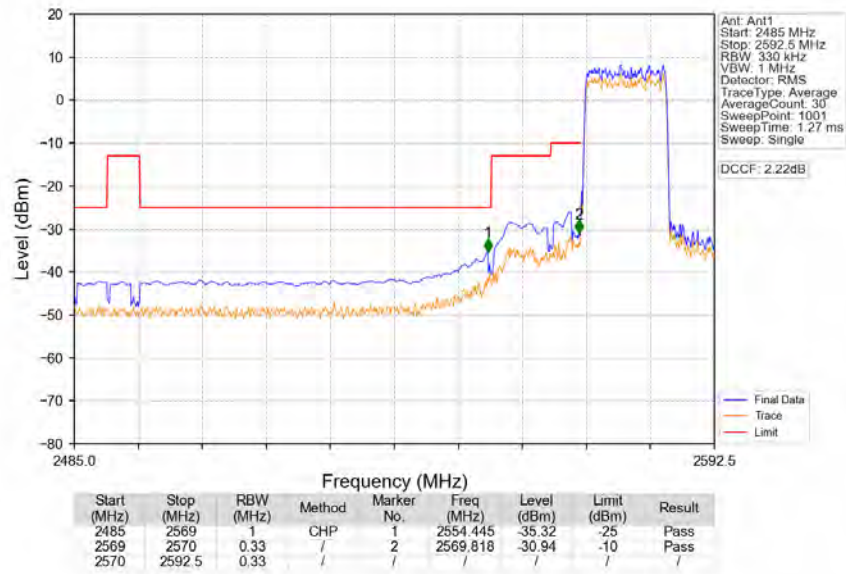
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



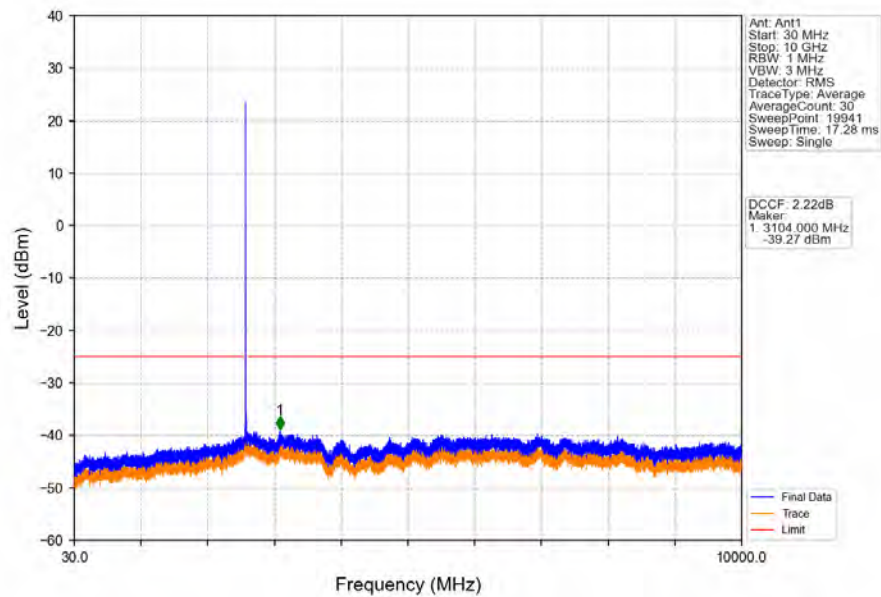
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



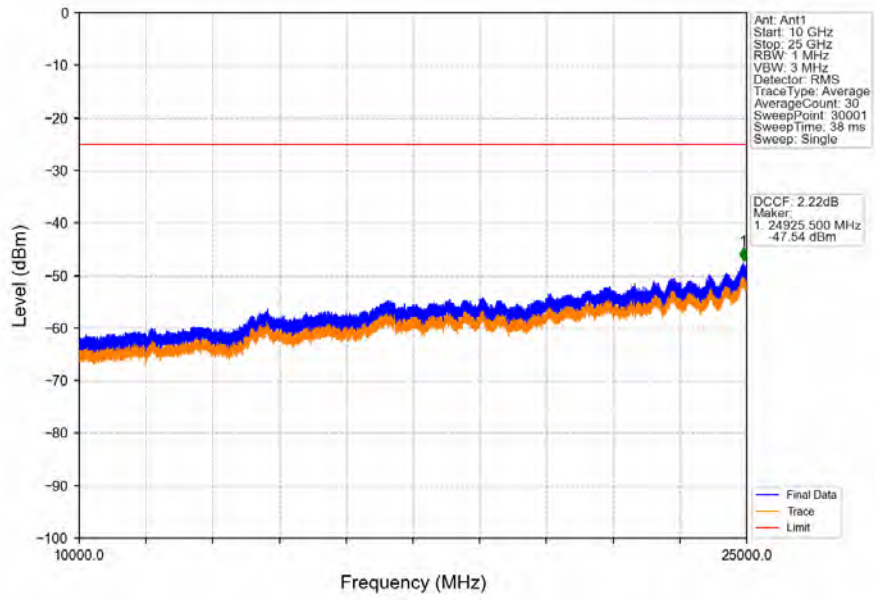
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTN



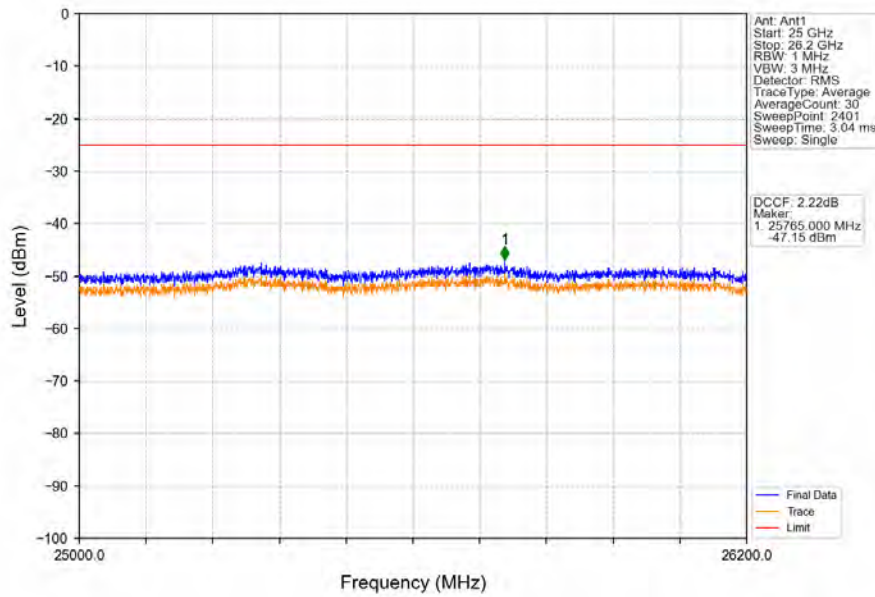
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTN



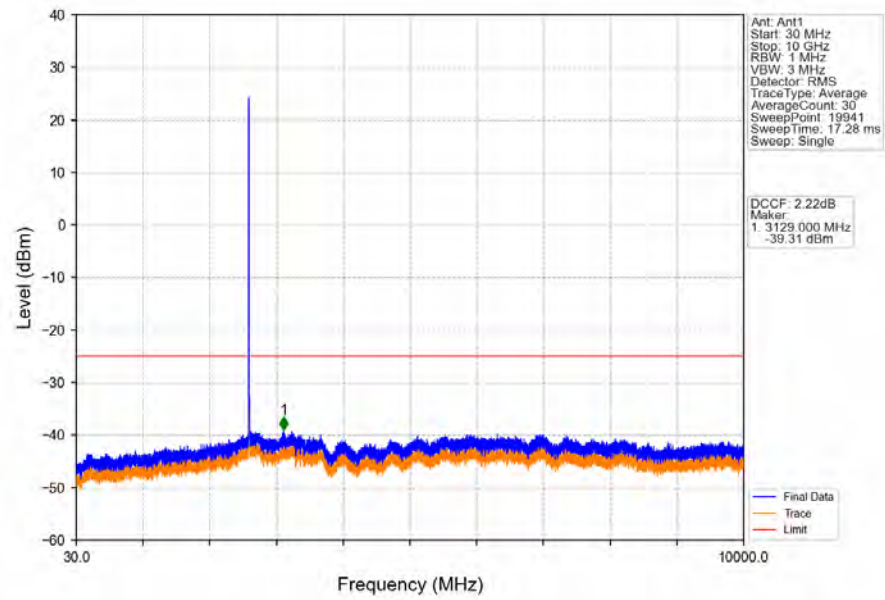
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



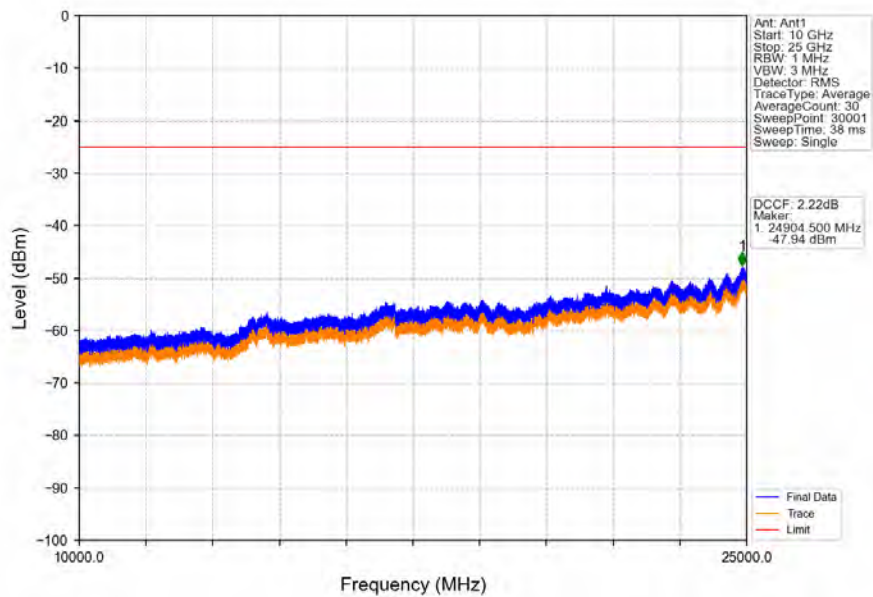
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



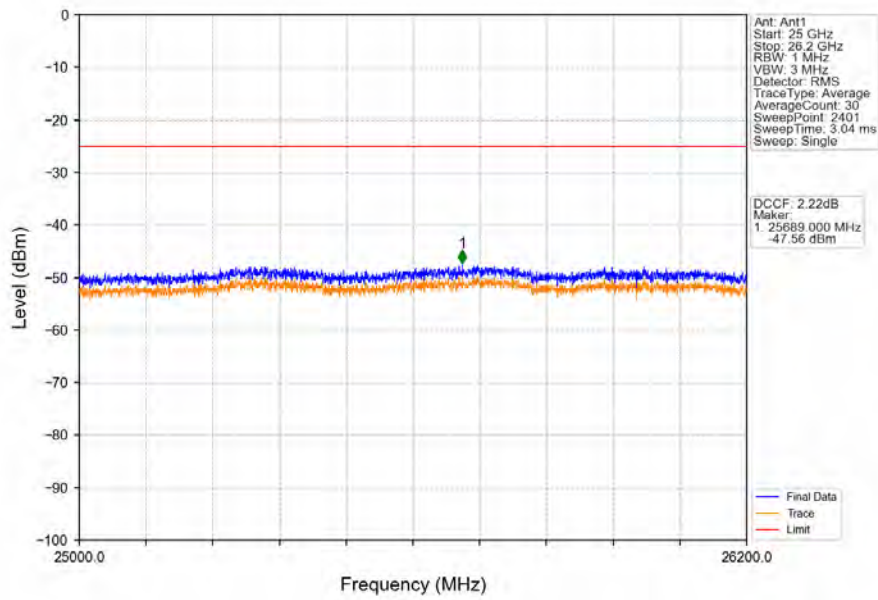
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



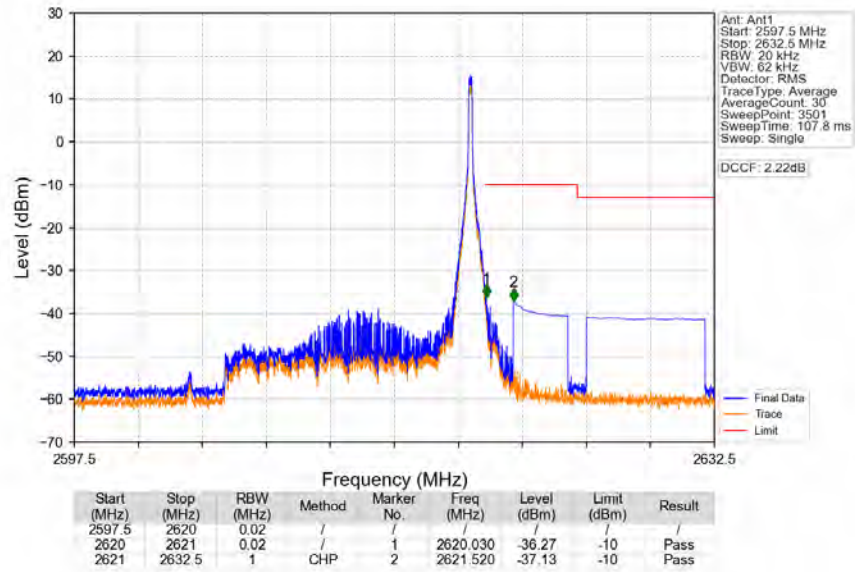
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



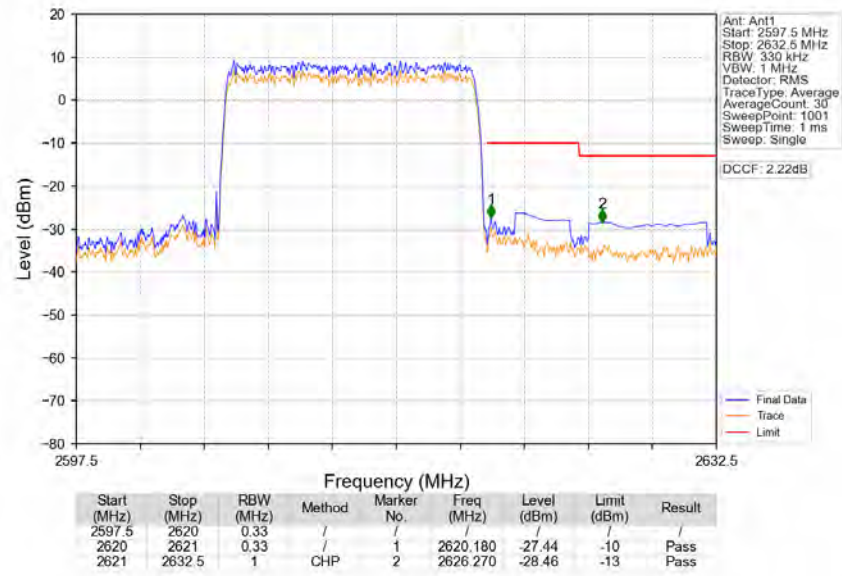
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN

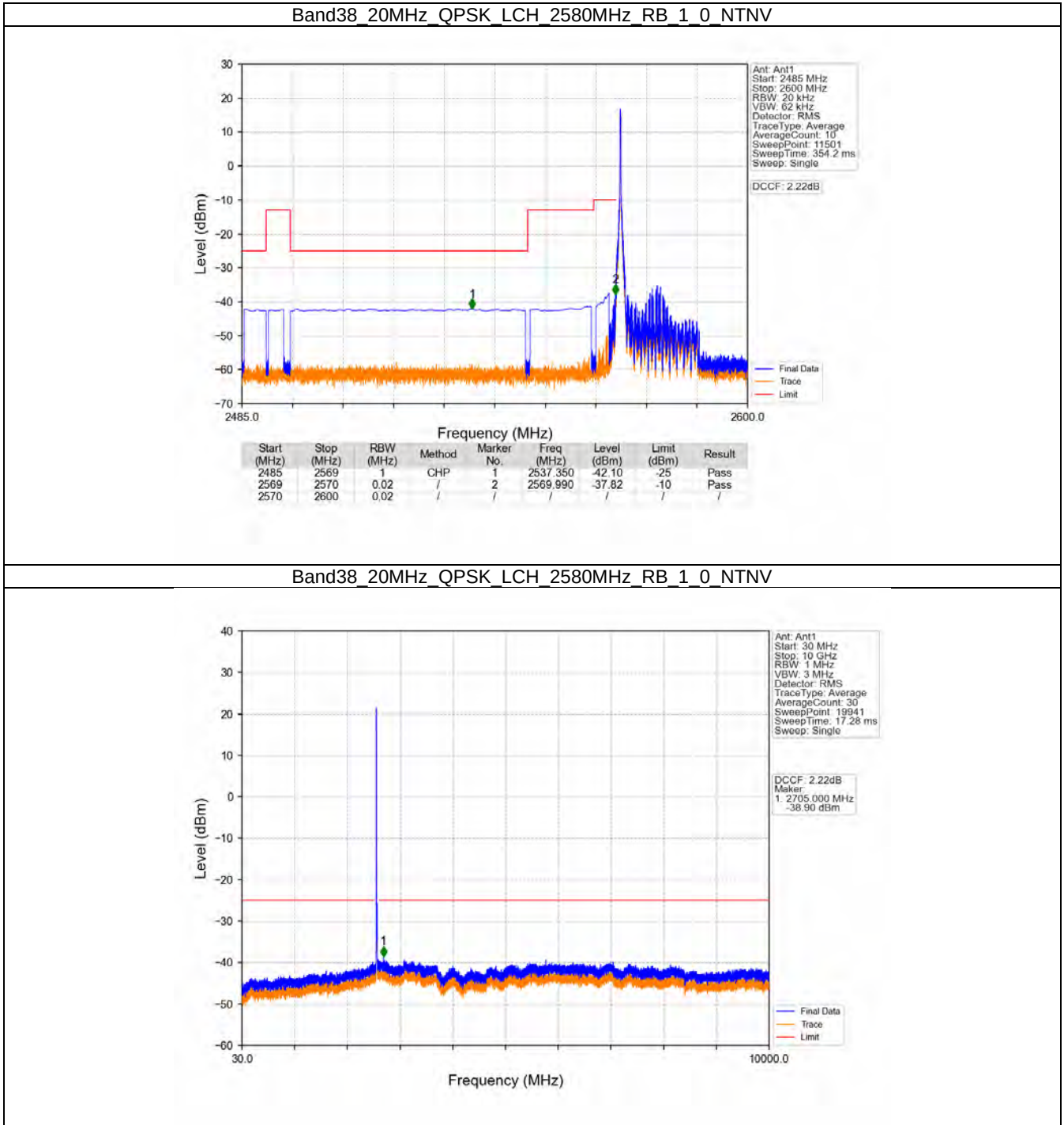


5.4 B38_20MHz

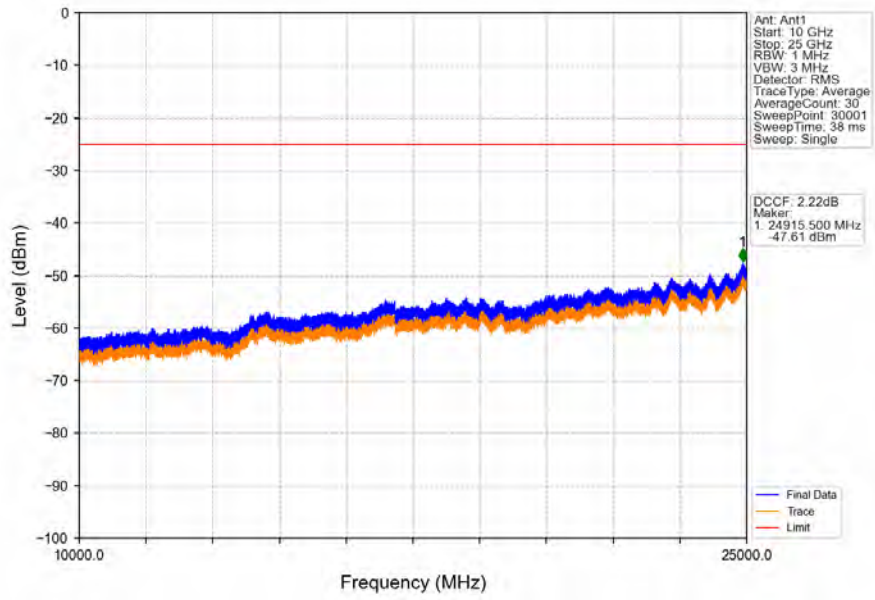
5.4.1 Test Result

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

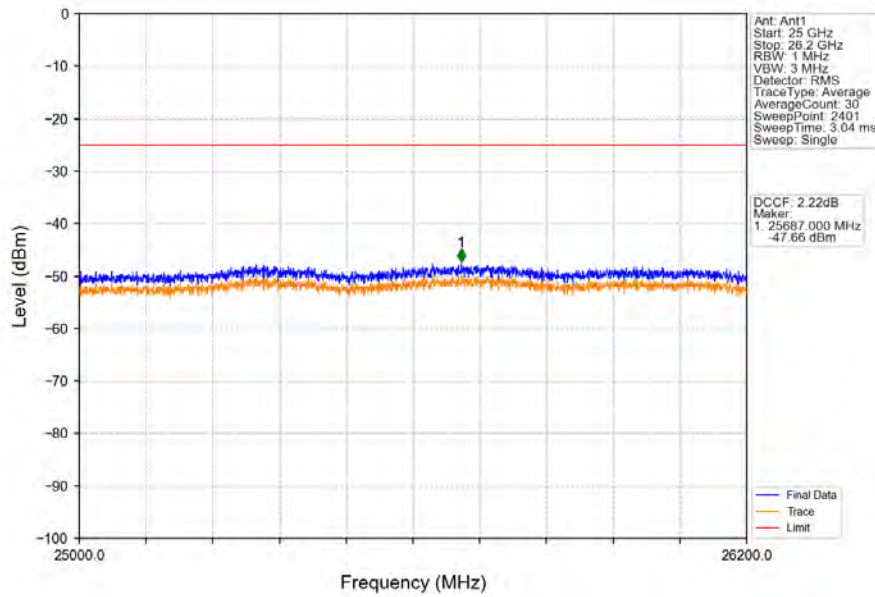
5.4.2 Test Graph



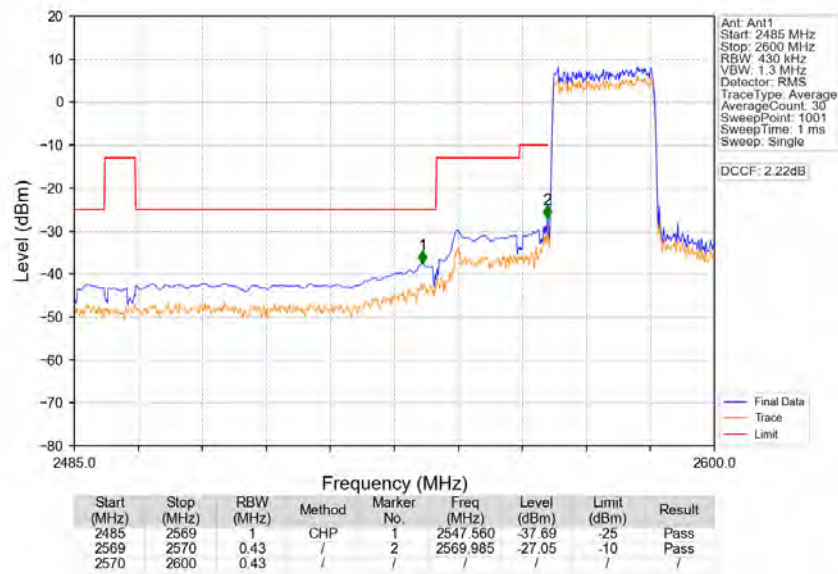
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



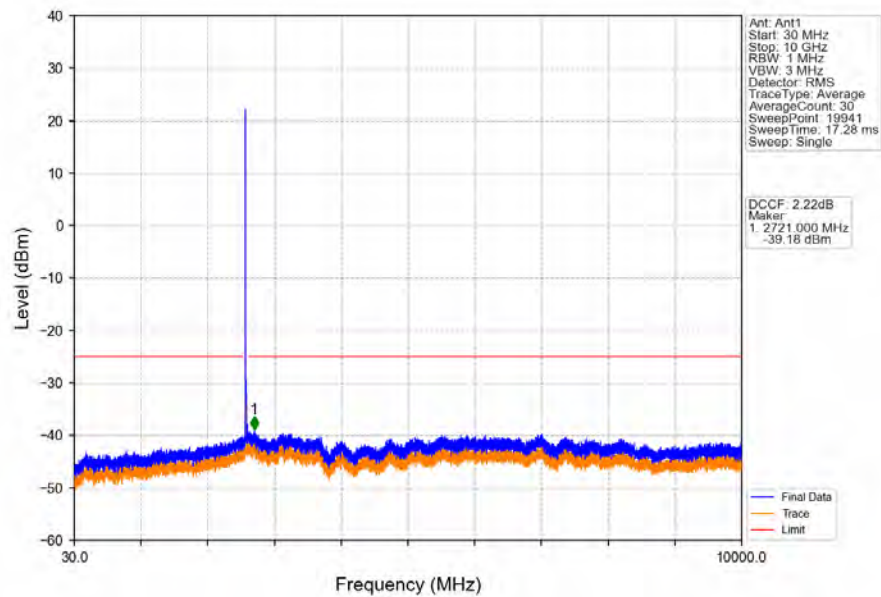
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



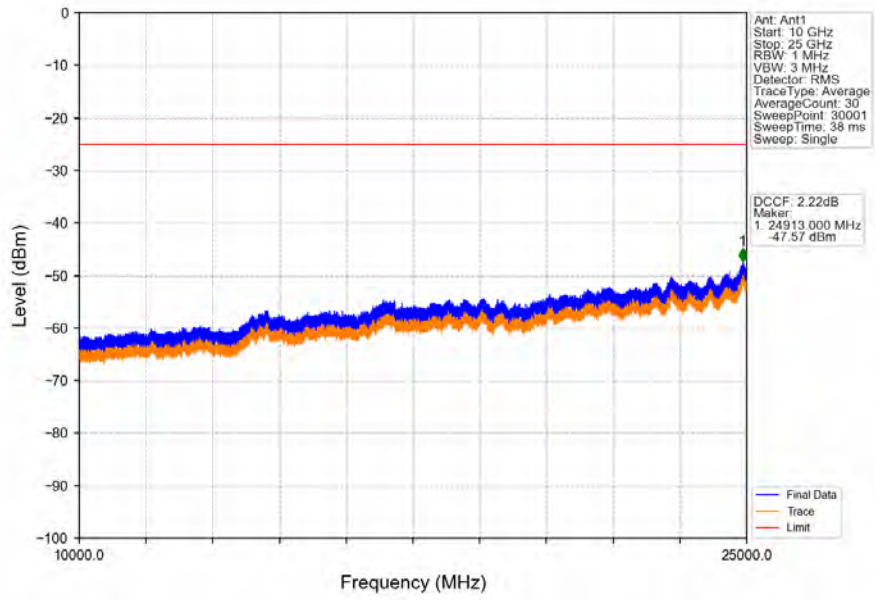
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



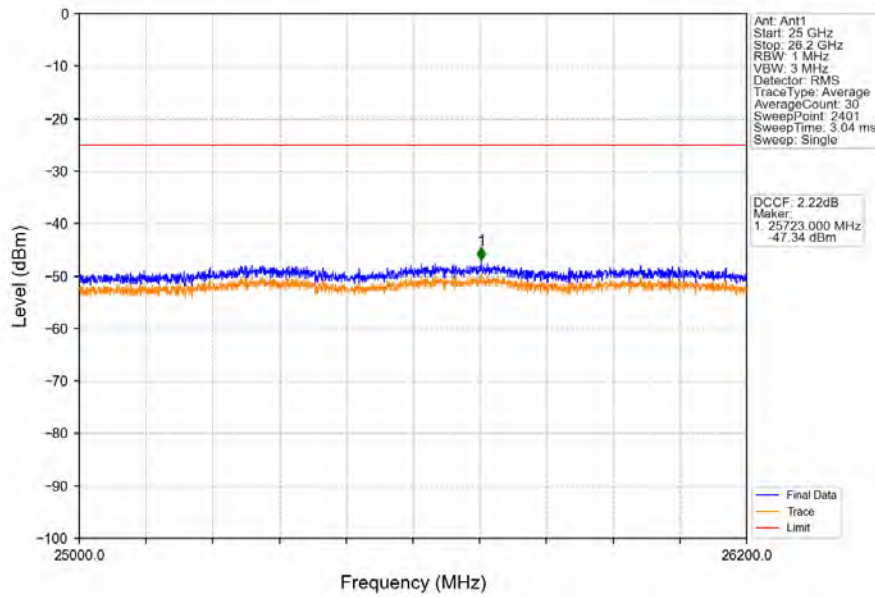
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



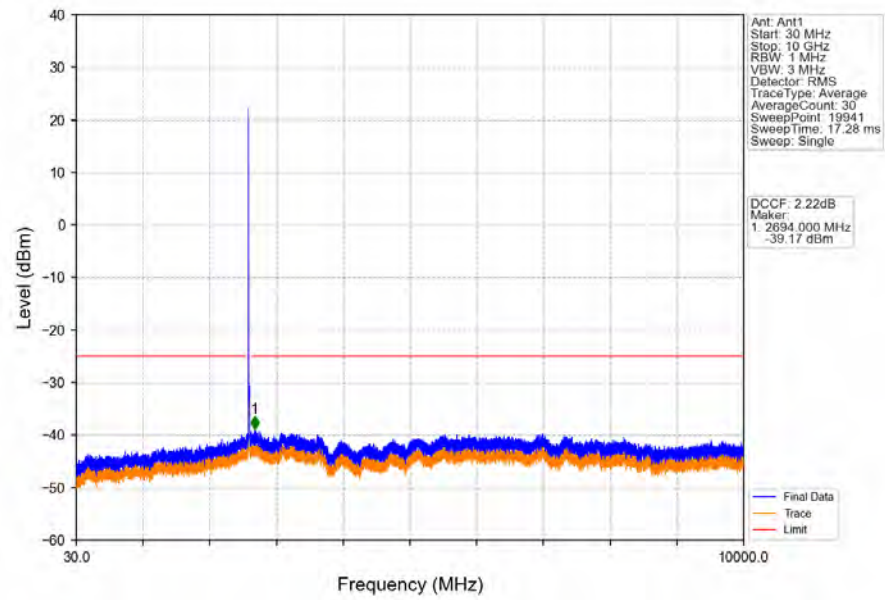
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



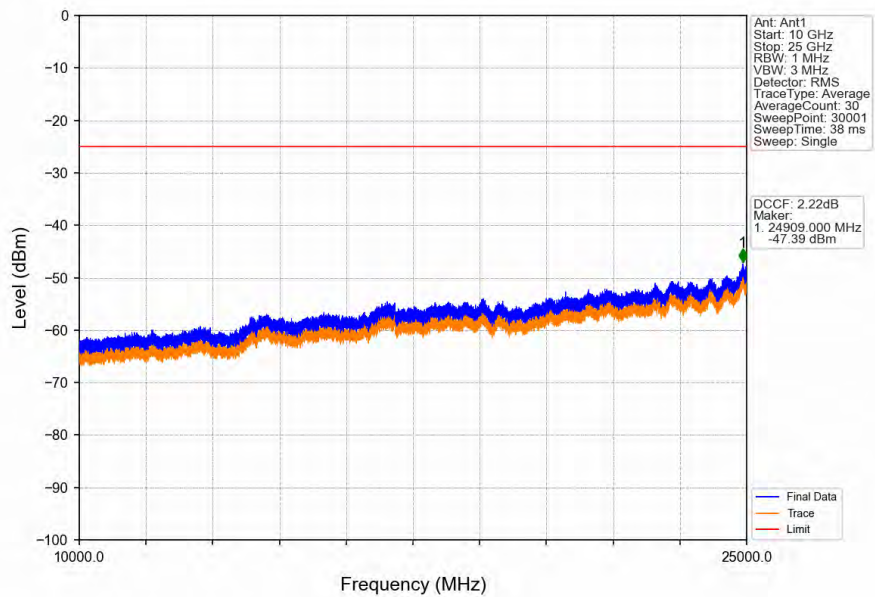
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



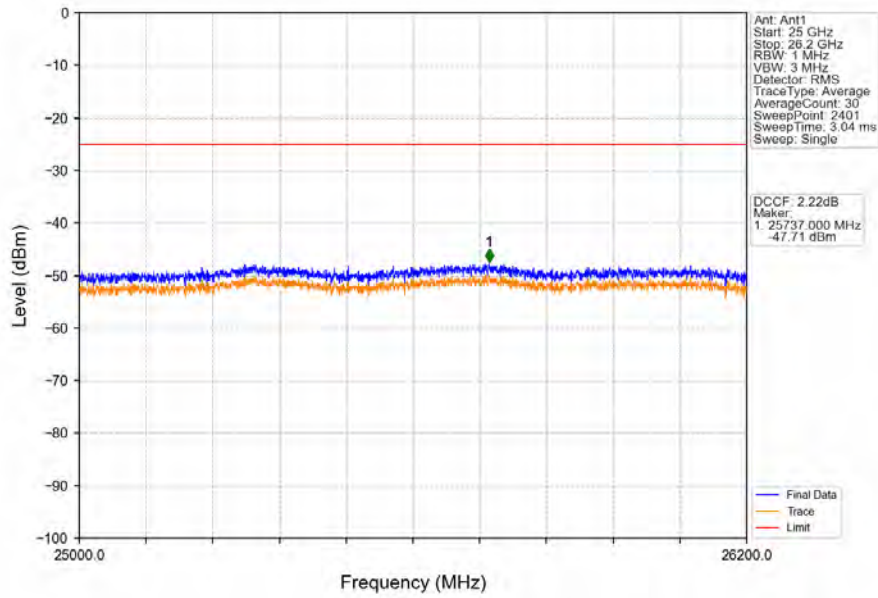
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



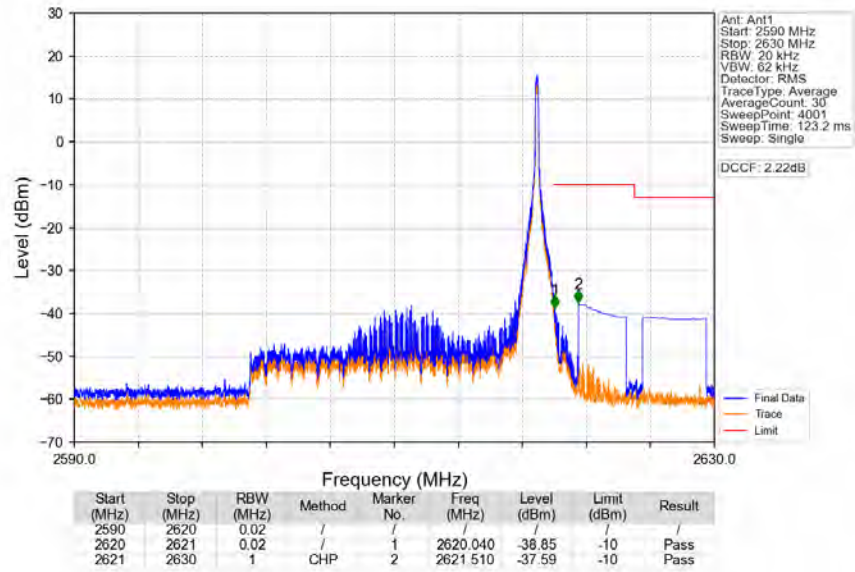
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV

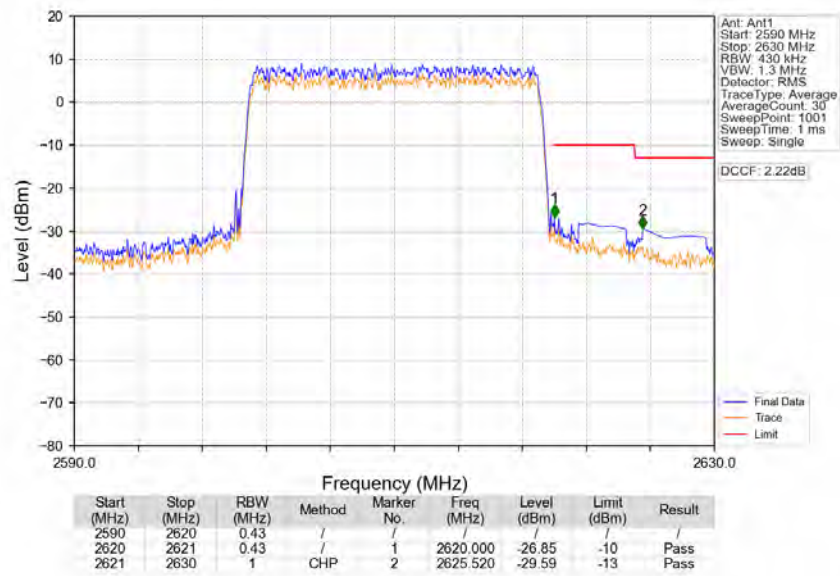


Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTV





6. Field Strength of Spurious Radiation

LTE Band 38-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5142.0	-55.6	-25	-30.6	-61.21	4.62	10.23	Horizontal	Pass
7713.0	-58.8	-25	-33.8	-65.83	4.96	11.99	Horizontal	Pass
10284.0	-56.83	-25	-31.83	-64.4	5.51	13.08	Horizontal	Pass
5142.0	-54.95	-25	-29.95	-60.56	4.62	10.23	Vertical	Pass
7713.0	-60.0	-25	-35.0	-67.03	4.96	11.99	Vertical	Pass
10284.0	-56.52	-25	-31.52	-64.09	5.51	13.08	Vertical	Pass

LTE Band 38-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5172.0	-56.76	-25	-31.76	-62.38	4.63	10.25	Horizontal	Pass
7758.0	-59.23	-25	-34.23	-66.31	4.96	12.04	Horizontal	Pass
10344.0	-56.55	-25	-31.55	-64.12	5.52	13.09	Horizontal	Pass
5172.0	-58.31	-25	-33.31	-63.93	4.63	10.25	Vertical	Pass
7758.0	-58.99	-25	-33.99	-66.07	4.96	12.04	Vertical	Pass
10344.0	-56.68	-25	-31.68	-64.25	5.52	13.09	Vertical	Pass

LTE Band 38-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5202.0	-56.3	-25	-31.3	-61.94	4.63	10.27	Horizontal	Pass
7803.0	-58.62	-25	-33.62	-65.76	4.96	12.1	Horizontal	Pass
10404.0	-56.32	-25	-31.32	-63.9	5.52	13.1	Horizontal	Pass
5202.0	-56.95	-25	-31.95	-62.59	4.63	10.27	Vertical	Pass
7803.0	-58.96	-25	-33.96	-66.1	4.96	12.1	Vertical	Pass
10404.0	-56.58	-25	-31.58	-64.16	5.52	13.1	Vertical	Pass