

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP (ANT13)

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	23.96	-0.73	23.23	<=33.01	Pass
			13	24.01	-0.73	23.28	<=33.01	Pass
			24	23.92	-0.73	23.19	<=33.01	Pass
		12	0	23.05	-0.73	22.32	<=33.01	Pass
			6	23.07	-0.73	22.34	<=33.01	Pass
			13	23.02	-0.73	22.29	<=33.01	Pass
		25	0	23.04	-0.73	22.31	<=33.01	Pass
	2595	1	0	23.55	-0.73	22.82	<=33.01	Pass
			13	23.65	-0.73	22.92	<=33.01	Pass
			24	23.56	-0.73	22.83	<=33.01	Pass
		12	0	22.57	-0.73	21.84	<=33.01	Pass
			6	22.53	-0.73	21.80	<=33.01	Pass
			13	22.51	-0.73	21.78	<=33.01	Pass
		25	0	22.52	-0.73	21.79	<=33.01	Pass
	2617.5	1	0	23.38	-0.73	22.65	<=33.01	Pass
			13	23.43	-0.73	22.70	<=33.01	Pass
			24	23.41	-0.73	22.68	<=33.01	Pass
		12	0	22.41	-0.73	21.68	<=33.01	Pass
			6	22.46	-0.73	21.73	<=33.01	Pass
			13	22.42	-0.73	21.69	<=33.01	Pass
		25	0	22.43	-0.73	21.70	<=33.01	Pass
16QAM	2572.5	1	0	23.31	-0.73	22.58	<=33.01	Pass
			13	23.31	-0.73	22.58	<=33.01	Pass
			24	23.33	-0.73	22.60	<=33.01	Pass
		12	0	22.05	-0.73	21.32	<=33.01	Pass
			6	22.07	-0.73	21.34	<=33.01	Pass
			13	22.10	-0.73	21.37	<=33.01	Pass
		25	0	22.08	-0.73	21.35	<=33.01	Pass
	2595	1	0	22.88	-0.73	22.15	<=33.01	Pass
			13	22.99	-0.73	22.26	<=33.01	Pass
			24	22.80	-0.73	22.07	<=33.01	Pass
		12	0	21.74	-0.73	21.01	<=33.01	Pass
			6	21.64	-0.73	20.91	<=33.01	Pass
			13	21.52	-0.73	20.79	<=33.01	Pass
		25	0	21.53	-0.73	20.80	<=33.01	Pass
	2617.5	1	0	22.73	-0.73	22.00	<=33.01	Pass
			13	22.78	-0.73	22.05	<=33.01	Pass
			24	22.80	-0.73	22.07	<=33.01	Pass
		12	0	21.41	-0.73	20.68	<=33.01	Pass
			6	21.54	-0.73	20.81	<=33.01	Pass
			13	21.45	-0.73	20.72	<=33.01	Pass
		25	0	21.46	-0.73	20.73	<=33.01	Pass
64QAM	2572.5	1	0	22.97	-0.73	22.24	<=33.01	Pass
			13	23.18	-0.73	22.45	<=33.01	Pass
			24	23.12	-0.73	22.39	<=33.01	Pass
		12	0	7.06	-0.73	6.33	<=33.01	Pass
			6	22.12	-0.73	21.39	<=33.01	Pass
			13	22.26	-0.73	21.53	<=33.01	Pass
		25	0	22.14	-0.73	21.41	<=33.01	Pass

	2595	1	0	21.93	-0.73	21.20	<=33.01	Pass	
			13	21.82	-0.73	21.09	<=33.01	Pass	
			24	21.79	-0.73	21.06	<=33.01	Pass	
		12	0	20.81	-0.73	20.08	<=33.01	Pass	
			6	20.64	-0.73	19.91	<=33.01	Pass	
			13	20.61	-0.73	19.88	<=33.01	Pass	
		25	0	20.53	-0.73	19.80	<=33.01	Pass	
		2617.5	1	0	21.49	-0.73	20.76	<=33.01	Pass
				13	21.67	-0.73	20.94	<=33.01	Pass
	24			21.68	-0.73	20.95	<=33.01	Pass	
	12		0	20.49	-0.73	19.76	<=33.01	Pass	
			6	20.42	-0.73	19.69	<=33.01	Pass	
			13	20.42	-0.73	19.69	<=33.01	Pass	
	25		0	20.47	-0.73	19.74	<=33.01	Pass	

256QAM	2572.5	1	0	2.79	-0.73	2.06	<=33.01	Pass
			13	18.75	-0.73	18.02	<=33.01	Pass
			24	18.75	-0.73	18.02	<=33.01	Pass
		12	0	18.67	-0.73	17.94	<=33.01	Pass
			6	18.62	-0.73	17.89	<=33.01	Pass
			13	18.60	-0.73	17.87	<=33.01	Pass
		25	0	18.57	-0.73	17.84	<=33.01	Pass
	2595	1	0	18.68	-0.73	17.95	<=33.01	Pass
			13	18.90	-0.73	18.17	<=33.01	Pass
			24	18.54	-0.73	17.81	<=33.01	Pass
		12	0	18.70	-0.73	17.97	<=33.01	Pass
			6	18.65	-0.73	17.92	<=33.01	Pass
			13	18.56	-0.73	17.83	<=33.01	Pass
		25	0	18.56	-0.73	17.83	<=33.01	Pass
	2617.5	1	0	18.55	-0.73	17.82	<=33.01	Pass
			13	18.64	-0.73	17.91	<=33.01	Pass
			24	18.55	-0.73	17.82	<=33.01	Pass
		12	0	18.51	-0.73	17.78	<=33.01	Pass
			6	18.51	-0.73	17.78	<=33.01	Pass
			13	18.45	-0.73	17.72	<=33.01	Pass
		25	0	18.45	-0.73	17.72	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain								
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1.1.2 B38_10MHz_EIRP (ANT13)

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	23.51	-0.73	22.78	<=33.01	Pass
			25	23.61	-0.73	22.88	<=33.01	Pass
			49	23.51	-0.73	22.78	<=33.01	Pass
		25	0	22.59	-0.73	21.86	<=33.01	Pass
			13	22.53	-0.73	21.80	<=33.01	Pass
			25	22.52	-0.73	21.79	<=33.01	Pass
		50	0	22.53	-0.73	21.80	<=33.01	Pass
	2595	1	0	23.64	-0.73	22.91	<=33.01	Pass
			25	23.64	-0.73	22.91	<=33.01	Pass
			49	23.60	-0.73	22.87	<=33.01	Pass
		25	0	22.61	-0.73	21.88	<=33.01	Pass
			13	22.58	-0.73	21.85	<=33.01	Pass
			25	22.55	-0.73	21.82	<=33.01	Pass
		50	0	22.57	-0.73	21.84	<=33.01	Pass
	2615	1	0	23.50	-0.73	22.77	<=33.01	Pass

		25	25	23.47	-0.73	22.74	<=33.01	Pass
			49	23.43	-0.73	22.70	<=33.01	Pass
			0	22.47	-0.73	21.74	<=33.01	Pass
			13	22.48	-0.73	21.75	<=33.01	Pass
			25	22.49	-0.73	21.76	<=33.01	Pass
			50	0	-0.73	21.75	<=33.01	Pass
16QAM	2575	1	0	22.80	-0.73	22.07	<=33.01	Pass
			25	22.89	-0.73	22.16	<=33.01	Pass
			49	22.75	-0.73	22.02	<=33.01	Pass
		25	0	21.61	-0.73	20.88	<=33.01	Pass
			13	21.54	-0.73	20.81	<=33.01	Pass
			25	21.59	-0.73	20.86	<=33.01	Pass
		50	0	21.54	-0.73	20.81	<=33.01	Pass
	2595	1	0	22.76	-0.73	22.03	<=33.01	Pass
			25	22.89	-0.73	22.16	<=33.01	Pass
			49	22.73	-0.73	22.00	<=33.01	Pass
		25	0	21.61	-0.73	20.88	<=33.01	Pass
			13	21.58	-0.73	20.85	<=33.01	Pass
			25	21.62	-0.73	20.89	<=33.01	Pass
		50	0	21.59	-0.73	20.86	<=33.01	Pass
	2615	1	0	22.69	-0.73	21.96	<=33.01	Pass
			25	22.69	-0.73	21.96	<=33.01	Pass
			49	22.69	-0.73	21.96	<=33.01	Pass
		25	0	21.47	-0.73	20.74	<=33.01	Pass
			13	21.48	-0.73	20.75	<=33.01	Pass
			25	21.51	-0.73	20.78	<=33.01	Pass
		50	0	21.49	-0.73	20.76	<=33.01	Pass
64QAM	2575	1	0	21.68	-0.73	20.95	<=33.01	Pass
			25	21.86	-0.73	21.13	<=33.01	Pass
			49	21.73	-0.73	21.00	<=33.01	Pass
		25	0	20.64	-0.73	19.91	<=33.01	Pass
			13	20.56	-0.73	19.83	<=33.01	Pass
			25	20.53	-0.73	19.80	<=33.01	Pass
		50	0	20.56	-0.73	19.83	<=33.01	Pass
	2595	1	0	21.77	-0.73	21.04	<=33.01	Pass
			25	21.87	-0.73	21.14	<=33.01	Pass
			49	21.70	-0.73	20.97	<=33.01	Pass
		25	0	20.63	-0.73	19.90	<=33.01	Pass
			13	20.59	-0.73	19.86	<=33.01	Pass
			25	20.54	-0.73	19.81	<=33.01	Pass
		50	0	20.58	-0.73	19.85	<=33.01	Pass
	2615	1	0	22.54	-0.73	21.81	<=33.01	Pass
			25	22.53	-0.73	21.80	<=33.01	Pass
			49	22.40	-0.73	21.67	<=33.01	Pass
		25	0	21.48	-0.73	20.75	<=33.01	Pass
			13	21.51	-0.73	20.78	<=33.01	Pass
			25	21.50	-0.73	20.77	<=33.01	Pass
		50	0	21.47	-0.73	20.74	<=33.01	Pass
256QAM	2575	1	0	18.73	-0.73	18.00	<=33.01	Pass
			25	18.82	-0.73	18.09	<=33.01	Pass
			49	18.71	-0.73	17.98	<=33.01	Pass
		25	0	18.62	-0.73	17.89	<=33.01	Pass
			13	18.59	-0.73	17.86	<=33.01	Pass
			25	18.53	-0.73	17.80	<=33.01	Pass
		50	0	18.54	-0.73	17.81	<=33.01	Pass
	2595	1	0	18.71	-0.73	17.98	<=33.01	Pass
			25	18.80	-0.73	18.07	<=33.01	Pass
			49	18.66	-0.73	17.93	<=33.01	Pass
		25	0	18.66	-0.73	17.93	<=33.01	Pass

			13	18.58	-0.73	17.85	<=33.01	Pass
			25	18.57	-0.73	17.84	<=33.01	Pass
		50	0	18.59	-0.73	17.86	<=33.01	Pass
	2615	1	0	18.65	-0.73	17.92	<=33.01	Pass
			25	18.52	-0.73	17.79	<=33.01	Pass
			49	18.75	-0.73	18.02	<=33.01	Pass
		25	0	18.52	-0.73	17.79	<=33.01	Pass
			13	18.51	-0.73	17.78	<=33.01	Pass
			25	18.46	-0.73	17.73	<=33.01	Pass
		50	0	18.55	-0.73	17.82	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP (ANT13)

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	23.28	-0.73	22.55	<=33.01	Pass
			38	23.38	-0.73	22.65	<=33.01	Pass
			74	23.30	-0.73	22.57	<=33.01	Pass
		36	0	22.43	-0.73	21.70	<=33.01	Pass
			18	22.41	-0.73	21.68	<=33.01	Pass
			39	22.32	-0.73	21.59	<=33.01	Pass
		75	0	22.36	-0.73	21.63	<=33.01	Pass
	2595	1	0	23.45	-0.73	22.72	<=33.01	Pass
			38	23.50	-0.73	22.77	<=33.01	Pass
			74	23.40	-0.73	22.67	<=33.01	Pass
		36	0	22.48	-0.73	21.75	<=33.01	Pass
			18	22.40	-0.73	21.67	<=33.01	Pass
			39	22.39	-0.73	21.66	<=33.01	Pass
		75	0	22.41	-0.73	21.68	<=33.01	Pass
	2612.5	1	0	23.25	-0.73	22.52	<=33.01	Pass
			38	23.26	-0.73	22.53	<=33.01	Pass
			74	23.22	-0.73	22.49	<=33.01	Pass
		36	0	22.36	-0.73	21.63	<=33.01	Pass
			18	22.36	-0.73	21.63	<=33.01	Pass
			39	22.23	-0.73	21.50	<=33.01	Pass
		75	0	22.36	-0.73	21.63	<=33.01	Pass
16QAM	2577.5	1	0	22.66	-0.73	21.93	<=33.01	Pass
			38	22.61	-0.73	21.88	<=33.01	Pass
			74	22.59	-0.73	21.86	<=33.01	Pass
		36	0	21.46	-0.73	20.73	<=33.01	Pass
			18	21.48	-0.73	20.75	<=33.01	Pass
			39	21.42	-0.73	20.69	<=33.01	Pass
		75	0	21.33	-0.73	20.60	<=33.01	Pass
	2595	1	0	22.68	-0.73	21.95	<=33.01	Pass
			38	22.68	-0.73	21.95	<=33.01	Pass
			74	22.64	-0.73	21.91	<=33.01	Pass
		36	0	21.48	-0.73	20.75	<=33.01	Pass
			18	21.40	-0.73	20.67	<=33.01	Pass
			39	21.41	-0.73	20.68	<=33.01	Pass
		75	0	21.42	-0.73	20.69	<=33.01	Pass
	2612.5	1	0	22.59	-0.73	21.86	<=33.01	Pass
			38	22.65	-0.73	21.92	<=33.01	Pass
			74	22.59	-0.73	21.86	<=33.01	Pass
		36	0	21.34	-0.73	20.61	<=33.01	Pass
			18	21.31	-0.73	20.58	<=33.01	Pass

			39	21.30	-0.73	20.57	<=33.01	Pass		
		75	0	21.37	-0.73	20.64	<=33.01	Pass		
64QAM	2577.5	1	0	22.55	-0.73	21.82	<=33.01	Pass		
			38	22.50	-0.73	21.77	<=33.01	Pass		
			74	22.47	-0.73	21.74	<=33.01	Pass		
			0	21.43	-0.73	20.70	<=33.01	Pass		
		36	18	21.44	-0.73	20.71	<=33.01	Pass		
			39	21.39	-0.73	20.66	<=33.01	Pass		
			75	0	21.39	-0.73	20.66	<=33.01	Pass	
		2595	1	0	22.49	-0.73	21.76	<=33.01	Pass	
				38	22.57	-0.73	21.84	<=33.01	Pass	
	74			22.34	-0.73	21.61	<=33.01	Pass		
	0			21.43	-0.73	20.70	<=33.01	Pass		
	36		18	21.39	-0.73	20.66	<=33.01	Pass		
			39	21.41	-0.73	20.68	<=33.01	Pass		
			75	0	21.43	-0.73	20.70	<=33.01	Pass	
	2612.5		1	0	22.38	-0.73	21.65	<=33.01	Pass	
				38	22.42	-0.73	21.69	<=33.01	Pass	
		74		22.36	-0.73	21.63	<=33.01	Pass		
		0		21.38	-0.73	20.65	<=33.01	Pass		
		36	18	21.33	-0.73	20.60	<=33.01	Pass		
			39	21.28	-0.73	20.55	<=33.01	Pass		
			75	0	21.40	-0.73	20.67	<=33.01	Pass	
		256QAM	2577.5	1	0	18.45	-0.73	17.72	<=33.01	Pass
					38	18.59	-0.73	17.86	<=33.01	Pass
74	18.60				-0.73	17.87	<=33.01	Pass		
36	0			18.48	-0.73	17.75	<=33.01	Pass		
	18			18.49	-0.73	17.76	<=33.01	Pass		
	39			18.41	-0.73	17.68	<=33.01	Pass		
75	0			18.44	-0.73	17.71	<=33.01	Pass		
2595	1		0	18.64	-0.73	17.91	<=33.01	Pass		
			38	18.68	-0.73	17.95	<=33.01	Pass		
			74	18.52	-0.73	17.79	<=33.01	Pass		
	36		0	18.57	-0.73	17.84	<=33.01	Pass		
			18	18.46	-0.73	17.73	<=33.01	Pass		
			39	18.44	-0.73	17.71	<=33.01	Pass		
2612.5	1		0	18.39	-0.73	17.66	<=33.01	Pass		
			0	18.41	-0.73	17.68	<=33.01	Pass		
			38	18.49	-0.73	17.76	<=33.01	Pass		
	36		74	18.40	-0.73	17.67	<=33.01	Pass		
			0	18.45	-0.73	17.72	<=33.01	Pass		
			18	18.41	-0.73	17.68	<=33.01	Pass		
	39		18.27	-0.73	17.54	<=33.01	Pass			
75	0		18.40	-0.73	17.67	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B38_20MHz_EIRP (ANT13)

Band: 38 / Bandwidth: 20MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	23.37	-0.73	22.64	<=33.01	Pass
			50	23.36	-0.73	22.63	<=33.01	Pass
			99	23.24	-0.73	22.51	<=33.01	Pass
		50	0	22.43	-0.73	21.70	<=33.01	Pass
			25	22.49	-0.73	21.76	<=33.01	Pass
			50	22.37	-0.73	21.64	<=33.01	Pass

		100	0	22.39	-0.73	21.66	<=33.01	Pass
		2595	1	0	23.45	-0.73	22.72	<=33.01
				50	23.48	-0.73	22.75	<=33.01
				99	23.34	-0.73	22.61	<=33.01
			50	0	22.49	-0.73	21.76	<=33.01
				25	22.45	-0.73	21.72	<=33.01
				50	22.40	-0.73	21.67	<=33.01
		100	0	22.43	-0.73	21.70	<=33.01	Pass
		2610	1	0	23.40	-0.73	22.67	<=33.01
				50	23.29	-0.73	22.56	<=33.01
				99	23.23	-0.73	22.50	<=33.01
			50	0	22.39	-0.73	21.66	<=33.01
				25	22.41	-0.73	21.68	<=33.01
				50	22.29	-0.73	21.56	<=33.01
		100	0	22.38	-0.73	21.65	<=33.01	Pass
16QAM	2580	1	0	22.66	-0.73	21.93	<=33.01	Pass
			50	22.67	-0.73	21.94	<=33.01	Pass
			99	22.76	-0.73	22.03	<=33.01	Pass
			0	21.44	-0.73	20.71	<=33.01	Pass
		50	25	21.46	-0.73	20.73	<=33.01	Pass
			50	21.39	-0.73	20.66	<=33.01	Pass
		100	0	21.40	-0.73	20.67	<=33.01	Pass
	2595	1	0	22.66	-0.73	21.93	<=33.01	Pass
			50	22.76	-0.73	22.03	<=33.01	Pass
			99	22.52	-0.73	21.79	<=33.01	Pass
		50	0	21.50	-0.73	20.77	<=33.01	Pass
			25	21.46	-0.73	20.73	<=33.01	Pass
			50	21.39	-0.73	20.66	<=33.01	Pass
		100	0	21.45	-0.73	20.72	<=33.01	Pass
	2610	1	0	22.71	-0.73	21.98	<=33.01	Pass
			50	22.56	-0.73	21.83	<=33.01	Pass
			99	22.52	-0.73	21.79	<=33.01	Pass
		50	0	21.36	-0.73	20.63	<=33.01	Pass
			25	21.42	-0.73	20.69	<=33.01	Pass
			50	21.25	-0.73	20.52	<=33.01	Pass
		100	0	21.37	-0.73	20.64	<=33.01	Pass
64QAM	2580	1	0	22.39	-0.73	21.66	<=33.01	Pass
			50	22.40	-0.73	21.67	<=33.01	Pass
			99	22.46	-0.73	21.73	<=33.01	Pass
			0	21.44	-0.73	20.71	<=33.01	Pass
		50	25	21.49	-0.73	20.76	<=33.01	Pass
			50	21.40	-0.73	20.67	<=33.01	Pass
		100	0	21.39	-0.73	20.66	<=33.01	Pass
	2595	1	0	22.52	-0.73	21.79	<=33.01	Pass
			50	22.59	-0.73	21.86	<=33.01	Pass
			99	22.36	-0.73	21.63	<=33.01	Pass
		50	0	21.45	-0.73	20.72	<=33.01	Pass
			25	21.44	-0.73	20.71	<=33.01	Pass
			50	21.41	-0.73	20.68	<=33.01	Pass
		100	0	21.42	-0.73	20.69	<=33.01	Pass
	2610	1	0	22.50	-0.73	21.77	<=33.01	Pass
			50	22.40	-0.73	21.67	<=33.01	Pass
			99	22.23	-0.73	21.50	<=33.01	Pass
		50	0	21.41	-0.73	20.68	<=33.01	Pass
			25	21.40	-0.73	20.67	<=33.01	Pass
			50	21.29	-0.73	20.56	<=33.01	Pass
		100	0	21.36	-0.73	20.63	<=33.01	Pass
256QAM	2580	1	0	18.79	-0.73	18.06	<=33.01	Pass
			50	18.51	-0.73	17.78	<=33.01	Pass

			99	18.53	-0.73	17.80	<=33.01	Pass
		50	0	18.52	-0.73	17.79	<=33.01	Pass
			25	18.54	-0.73	17.81	<=33.01	Pass
			50	18.44	-0.73	17.71	<=33.01	Pass
		100	0	18.39	-0.73	17.66	<=33.01	Pass
	2595	1	0	18.63	-0.73	17.90	<=33.01	Pass
			50	18.61	-0.73	17.88	<=33.01	Pass
			99	18.54	-0.73	17.81	<=33.01	Pass
		50	0	18.50	-0.73	17.77	<=33.01	Pass
			25	18.43	-0.73	17.70	<=33.01	Pass
			50	18.42	-0.73	17.69	<=33.01	Pass
		100	0	18.42	-0.73	17.69	<=33.01	Pass
		2610	1	0	18.62	-0.73	17.89	<=33.01
	50			18.58	-0.73	17.85	<=33.01	Pass
	99			18.18	-0.73	17.45	<=33.01	Pass
	50		0	18.43	-0.73	17.70	<=33.01	Pass
			25	18.43	-0.73	17.70	<=33.01	Pass
			50	18.35	-0.73	17.62	<=33.01	Pass
	100		0	18.42	-0.73	17.69	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.7	-0.500	-0.0002	/	Pass
					3.91	1.400	0.0005	/	Pass
					4.4	2.600	0.0010	/	Pass
				-30	3.91	1.800	0.0007	/	Pass
				-20	3.91	1.100	0.0004	/	Pass
				-10	3.91	3.000	0.0012	/	Pass
				0	3.91	2.100	0.0008	/	Pass
				10	3.91	-0.700	-0.0003	/	Pass
				30	3.91	1.400	0.0005	/	Pass
				40	3.91	-1.100	-0.0004	/	Pass
				50	3.91	1.700	0.0007	/	Pass
	2595	100	0	20	3.7	0.600	0.0002	/	Pass
					3.91	-0.100	0.0000	/	Pass
					4.4	1.000	0.0004	/	Pass
				-30	3.91	-0.100	0.0000	/	Pass
				-20	3.91	0.500	0.0002	/	Pass
				-10	3.91	0.900	0.0003	/	Pass
				0	3.91	1.300	0.0005	/	Pass
				10	3.91	-0.200	-0.0001	/	Pass
				30	3.91	0.900	0.0003	/	Pass
				40	3.91	1.500	0.0006	/	Pass
				50	3.91	1.700	0.0007	/	Pass
	2610	100	0	20	3.7	1.700	0.0007	/	Pass
					3.91	1.300	0.0005	/	Pass
					4.4	0.100	0.0000	/	Pass
				-30	3.91	1.400	0.0005	/	Pass

				-20	3.91	-0.300	-0.0001	/	Pass
				-10	3.91	1.200	0.0005	/	Pass
				0	3.91	2.300	0.0009	/	Pass
				10	3.91	1.200	0.0005	/	Pass
				30	3.91	0.100	0.0000	/	Pass
				40	3.91	1.000	0.0004	/	Pass
				50	3.91	3.200	0.0012	/	Pass
16QAM	2580	100	0	20	3.7	0.200	0.0001	/	Pass
					3.91	-0.300	-0.0001	/	Pass
					4.4	0.600	0.0002	/	Pass
				-30	3.91	1.000	0.0004	/	Pass
				-20	3.91	0.600	0.0002	/	Pass
				-10	3.91	-1.500	-0.0006	/	Pass
				0	3.91	1.000	0.0004	/	Pass
				10	3.91	1.200	0.0005	/	Pass
				30	3.91	-0.900	-0.0003	/	Pass
				40	3.91	0.600	0.0002	/	Pass
				50	3.91	-0.400	-0.0002	/	Pass
	2595	100	0	20	3.7	1.100	0.0004	/	Pass
					3.91	1.600	0.0006	/	Pass
					4.4	1.400	0.0005	/	Pass
				-30	3.91	-0.900	-0.0003	/	Pass
				-20	3.91	1.700	0.0007	/	Pass
				-10	3.91	-0.200	-0.0001	/	Pass
				0	3.91	1.000	0.0004	/	Pass
				10	3.91	4.100	0.0016	/	Pass
				30	3.91	0.500	0.0002	/	Pass
				40	3.91	0.700	0.0003	/	Pass
				50	3.91	0.700	0.0003	/	Pass
	2610	100	0	20	3.7	0.900	0.0003	/	Pass
					3.91	0.100	0.0000	/	Pass
					4.4	1.500	0.0006	/	Pass
				-30	3.91	0.700	0.0003	/	Pass
				-20	3.91	0.700	0.0003	/	Pass
				-10	3.91	2.700	0.0010	/	Pass
				0	3.91	0.100	0.0000	/	Pass
				10	3.91	0.100	0.0000	/	Pass
				30	3.91	-1.700	-0.0007	/	Pass
				40	3.91	3.800	0.0015	/	Pass
				50	3.91	-0.500	-0.0002	/	Pass
64QAM	2580	100	0	20	3.7	-22.100	-0.0086	/	Pass
					3.91	-0.200	-0.0001	/	Pass
					4.4	-8.300	-0.0032	/	Pass
				-30	3.91	12.500	0.0048	/	Pass
				-20	3.91	-20.200	-0.0078	/	Pass
				-10	3.91	7.600	0.0029	/	Pass
				0	3.91	-16.500	-0.0064	/	Pass
				10	3.91	2.800	0.0011	/	Pass
				30	3.91	8.700	0.0034	/	Pass
				40	3.91	9.700	0.0038	/	Pass
				50	3.91	-4.500	-0.0017	/	Pass
	2595	100	0	20	3.7	-12.200	-0.0047	/	Pass
					3.91	-2.200	-0.0008	/	Pass
					4.4	-2.500	-0.0010	/	Pass
				-30	3.91	-6.400	-0.0025	/	Pass
				-20	3.91	2.800	0.0011	/	Pass
				-10	3.91	4.500	0.0017	/	Pass
				0	3.91	7.100	0.0027	/	Pass
				10	3.91	-2.000	-0.0008	/	Pass

	2610	100	0	30	3.91	11.800	0.0045	/	Pass
				40	3.91	4.500	0.0017	/	Pass
				50	3.91	-7.900	-0.0030	/	Pass
				20	3.7	-5.600	-0.0021	/	Pass
					3.91	6.900	0.0026	/	Pass
					4.4	-3.900	-0.0015	/	Pass
				-30	3.91	-11.900	-0.0046	/	Pass
				-20	3.91	2.400	0.0009	/	Pass
				-10	3.91	4.800	0.0018	/	Pass
				0	3.91	-11.700	-0.0045	/	Pass
				10	3.91	4.800	0.0018	/	Pass
				30	3.91	-5.700	-0.0022	/	Pass
				40	3.91	4.100	0.0016	/	Pass
				50	3.91	2.100	0.0008	/	Pass
256QAM	2580	100	0	20	3.7	1.600	0.0006	/	Pass
					3.91	2.300	0.0009	/	Pass
					4.4	-0.400	-0.0002	/	Pass
				-30	3.91	-0.200	-0.0001	/	Pass
				-20	3.91	0.900	0.0003	/	Pass
				-10	3.91	1.300	0.0005	/	Pass
				0	3.91	1.000	0.0004	/	Pass
				10	3.91	-0.300	-0.0001	/	Pass
				30	3.91	0.200	0.0001	/	Pass
				40	3.91	1.800	0.0007	/	Pass
				50	3.91	0.200	0.0001	/	Pass
	2595	100	0	20	3.7	0.400	0.0002	/	Pass
					3.91	-0.100	0.0000	/	Pass
					4.4	-0.100	0.0000	/	Pass
				-30	3.91	-2.500	-0.0010	/	Pass
				-20	3.91	1.200	0.0005	/	Pass
				-10	3.91	0.800	0.0003	/	Pass
				0	3.91	1.400	0.0005	/	Pass
				10	3.91	0.600	0.0002	/	Pass
				30	3.91	-0.600	-0.0002	/	Pass
				40	3.91	1.000	0.0004	/	Pass
				50	3.91	-0.700	-0.0003	/	Pass
	2610	100	0	20	3.7	-1.100	-0.0004	/	Pass
					3.91	2.100	0.0008	/	Pass
					4.4	-2.600	-0.0010	/	Pass
				-30	3.91	-2.400	-0.0009	/	Pass
				-20	3.91	0.600	0.0002	/	Pass
				-10	3.91	-1.900	-0.0007	/	Pass
				0	3.91	0.800	0.0003	/	Pass
				10	3.91	-2.100	-0.0008	/	Pass
				30	3.91	-1.600	-0.0006	/	Pass
				40	3.91	1.600	0.0006	/	Pass
				50	3.91	-0.400	-0.0002	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

Band: 38 / NTNV					
Bandwidth (MHz)	Modulation	Frequency	RB Allocation	99% Occupied Bandwidth (MHz)	Verdict

		(MHz)	Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.555	/	Pass
		2595	25	0	4.567	/	Pass
		2617.5	25	0	4.565	/	Pass
	16QAM	2572.5	25	0	4.569	/	Pass
		2595	25	0	4.564	/	Pass
		2617.5	25	0	4.563	/	Pass
	64QAM	2572.5	25	0	4.581	/	Pass
		2595	25	0	4.563	/	Pass
		2617.5	25	0	4.586	/	Pass
	256QAM	2572.5	25	0	4.565	/	Pass
		2595	25	0	4.577	/	Pass
		2617.5	25	0	4.568	/	Pass
10	QPSK	2575	50	0	9.104	/	Pass
		2595	50	0	9.105	/	Pass
		2615	50	0	9.094	/	Pass
	16QAM	2575	50	0	9.129	/	Pass
		2595	50	0	9.090	/	Pass
		2615	50	0	9.104	/	Pass
	64QAM	2575	50	0	9.094	/	Pass
		2595	50	0	9.101	/	Pass
		2615	50	0	9.105	/	Pass
	256QAM	2575	50	0	9.124	/	Pass
		2595	50	0	9.123	/	Pass
		2615	50	0	9.120	/	Pass
15	QPSK	2577.5	75	0	13.650	/	Pass
		2595	75	0	13.652	/	Pass
		2612.5	75	0	13.630	/	Pass
	16QAM	2577.5	75	0	13.617	/	Pass
		2595	75	0	13.638	/	Pass
		2612.5	75	0	13.597	/	Pass
	64QAM	2577.5	75	0	13.634	/	Pass
		2595	75	0	13.614	/	Pass
		2612.5	75	0	13.634	/	Pass
	256QAM	2577.5	75	0	13.647	/	Pass
		2595	75	0	13.627	/	Pass
		2612.5	75	0	13.589	/	Pass
20	QPSK	2580	100	0	18.187	/	Pass
		2595	100	0	18.181	/	Pass
		2610	100	0	18.174	/	Pass
	16QAM	2580	100	0	18.166	/	Pass
		2595	100	0	18.165	/	Pass
		2610	100	0	18.198	/	Pass
	64QAM	2580	100	0	18.208	/	Pass
		2595	100	0	18.162	/	Pass
		2610	100	0	18.183	/	Pass
	256QAM	2580	100	0	18.186	/	Pass
		2595	100	0	18.119	/	Pass
		2610	100	0	18.157	/	Pass

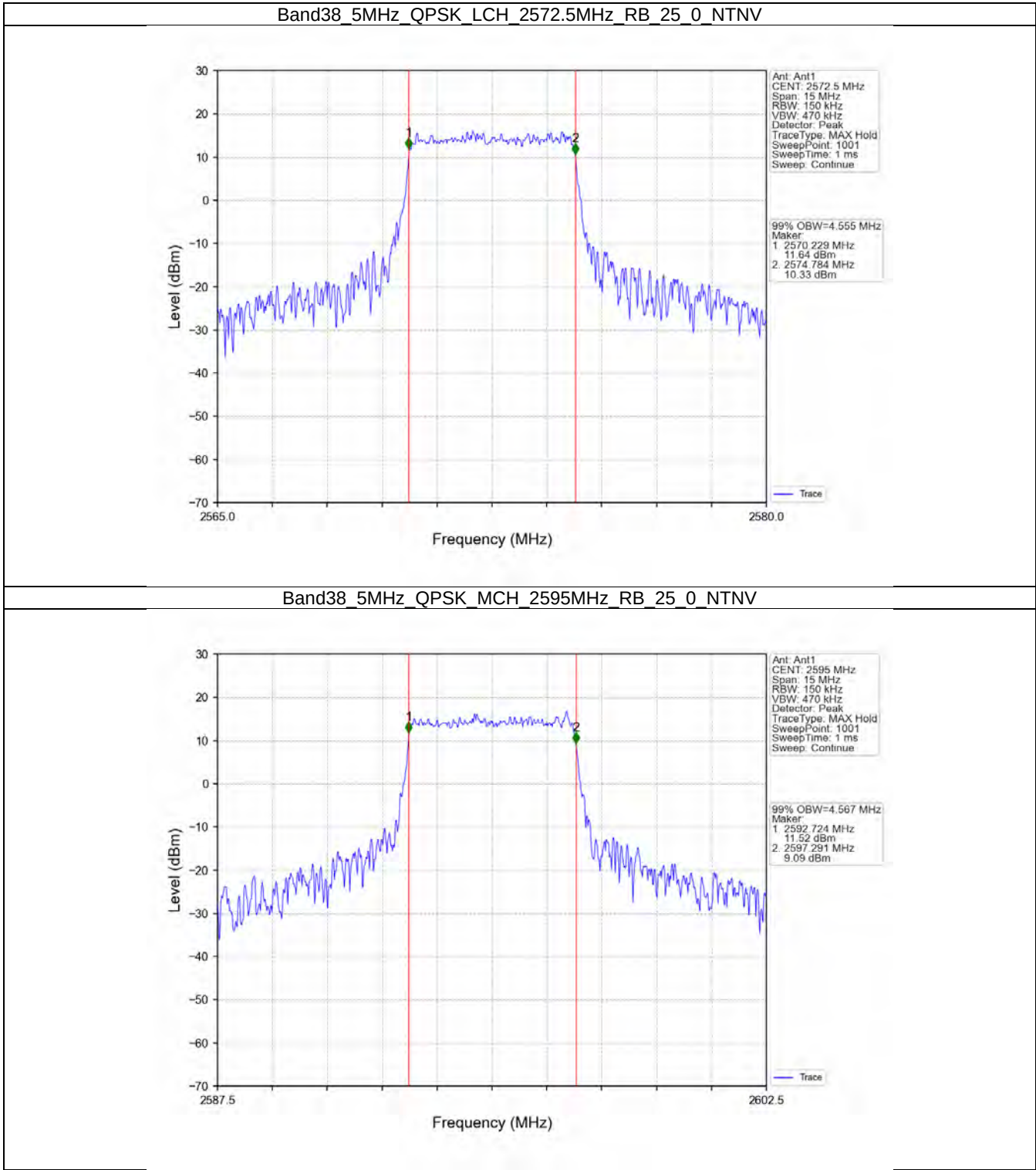
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.368	/	Pass
		2595	25	0	5.316	/	Pass

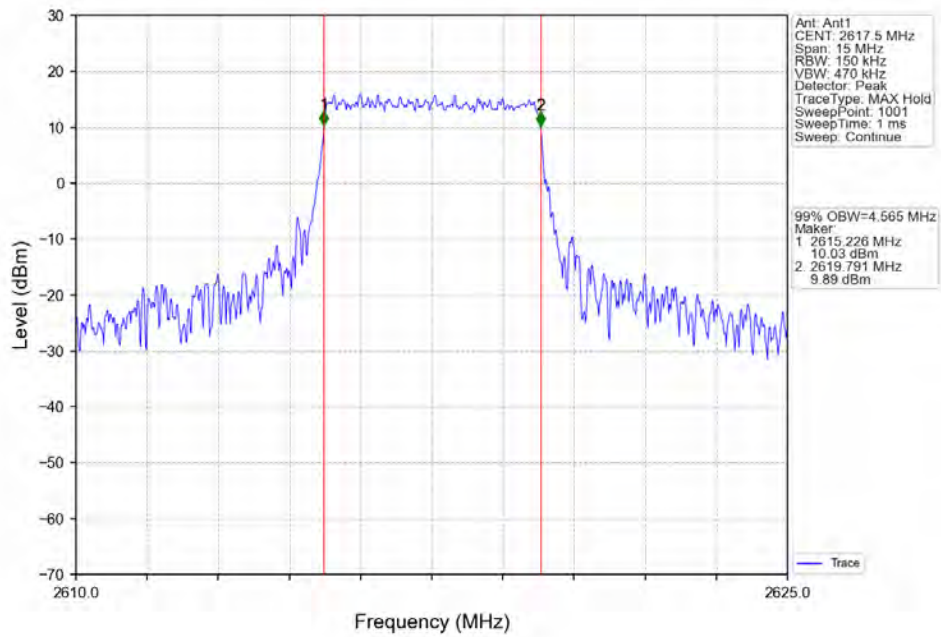
	16QAM	2617.5	25	0	5.837	/	Pass
		2572.5	25	0	5.525	/	Pass
		2595	25	0	5.423	/	Pass
		2617.5	25	0	5.311	/	Pass
	64QAM	2572.5	25	0	5.366	/	Pass
		2595	25	0	6.053	/	Pass
		2617.5	25	0	5.687	/	Pass
	256QAM	2572.5	25	0	5.827	/	Pass
		2595	25	0	5.547	/	Pass
		2617.5	25	0	5.554	/	Pass
10	QPSK	2575	50	0	10.674	/	Pass
		2595	50	0	11.516	/	Pass
		2615	50	0	10.703	/	Pass
	16QAM	2575	50	0	11.347	/	Pass
		2595	50	0	10.351	/	Pass
		2615	50	0	11.804	/	Pass
	64QAM	2575	50	0	10.862	/	Pass
		2595	50	0	10.755	/	Pass
		2615	50	0	10.847	/	Pass
15	QPSK	2577.5	75	0	17.073	/	Pass
		2595	75	0	17.339	/	Pass
		2612.5	75	0	15.448	/	Pass
	16QAM	2577.5	75	0	16.517	/	Pass
		2595	75	0	17.064	/	Pass
		2612.5	75	0	15.875	/	Pass
	64QAM	2577.5	75	0	16.062	/	Pass
		2595	75	0	16.456	/	Pass
		2612.5	75	0	16.673	/	Pass
20	QPSK	2577.5	75	0	15.848	/	Pass
		2595	75	0	16.766	/	Pass
		2612.5	75	0	15.507	/	Pass
	16QAM	2580	100	0	22.094	/	Pass
		2595	100	0	20.891	/	Pass
		2610	100	0	21.168	/	Pass
	64QAM	2580	100	0	21.227	/	Pass
		2595	100	0	20.713	/	Pass
		2610	100	0	22.225	/	Pass
	QPSK	2580	100	0	23.542	/	Pass
		2595	100	0	20.174	/	Pass
		2610	100	0	22.992	/	Pass
	16QAM	2580	100	0	22.741	/	Pass
		2595	100	0	21.774	/	Pass
		2610	100	0	22.018	/	Pass
	64QAM	2580	100	0	22.741	/	Pass
		2595	100	0	21.774	/	Pass
		2610	100	0	22.018	/	Pass

3.2 Test Graph

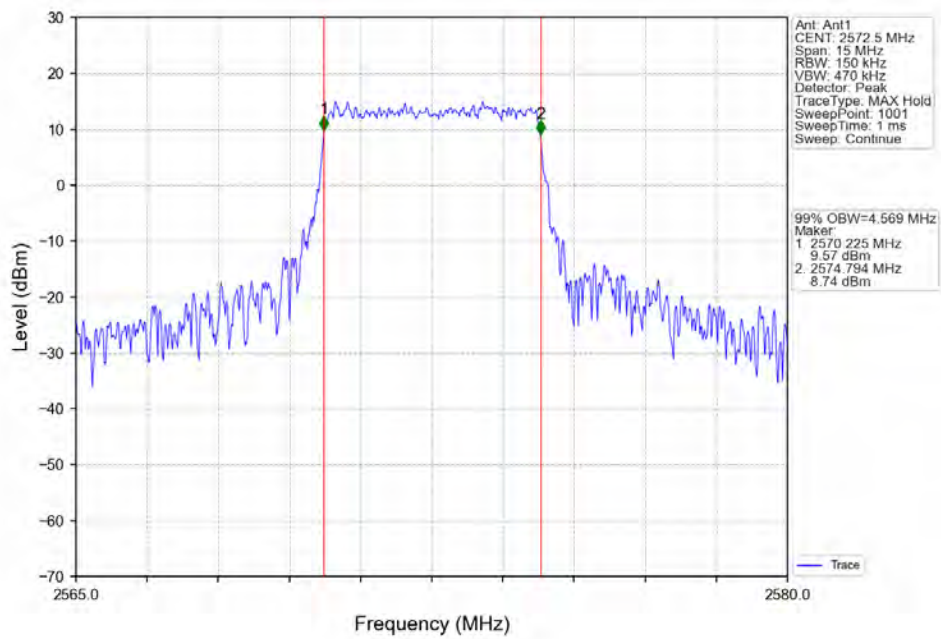
3.2.1 Band38_OBW



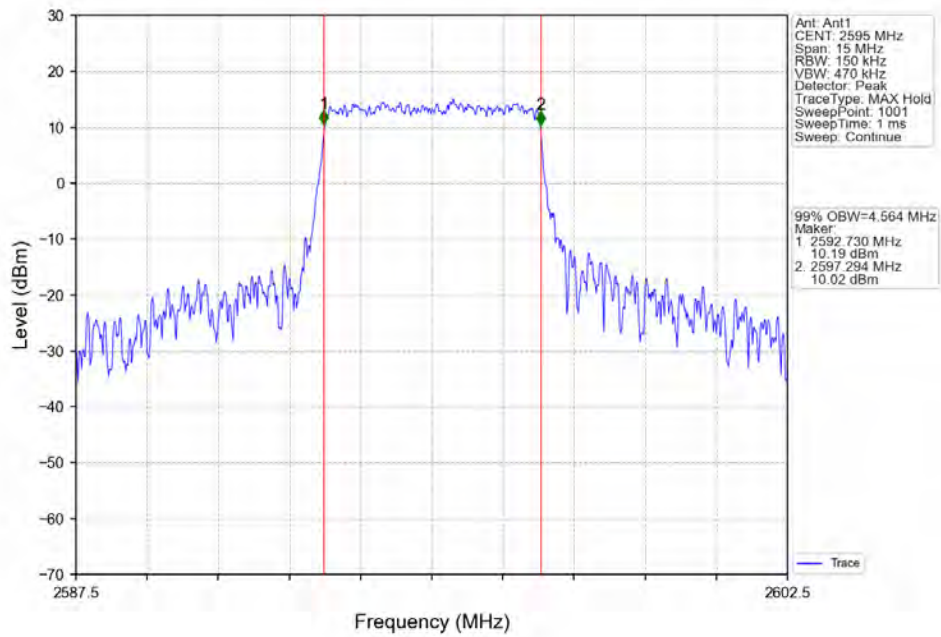
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



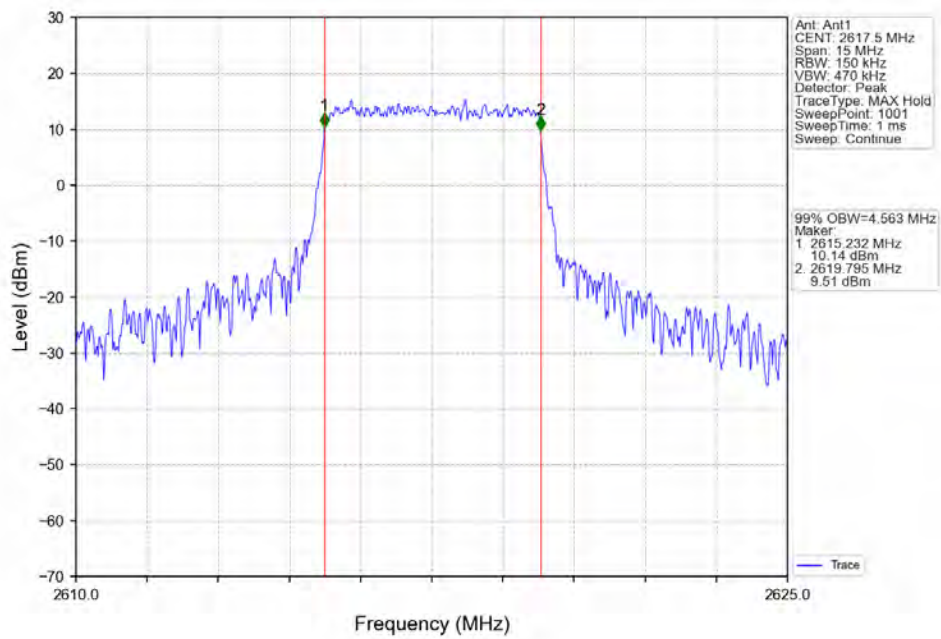
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



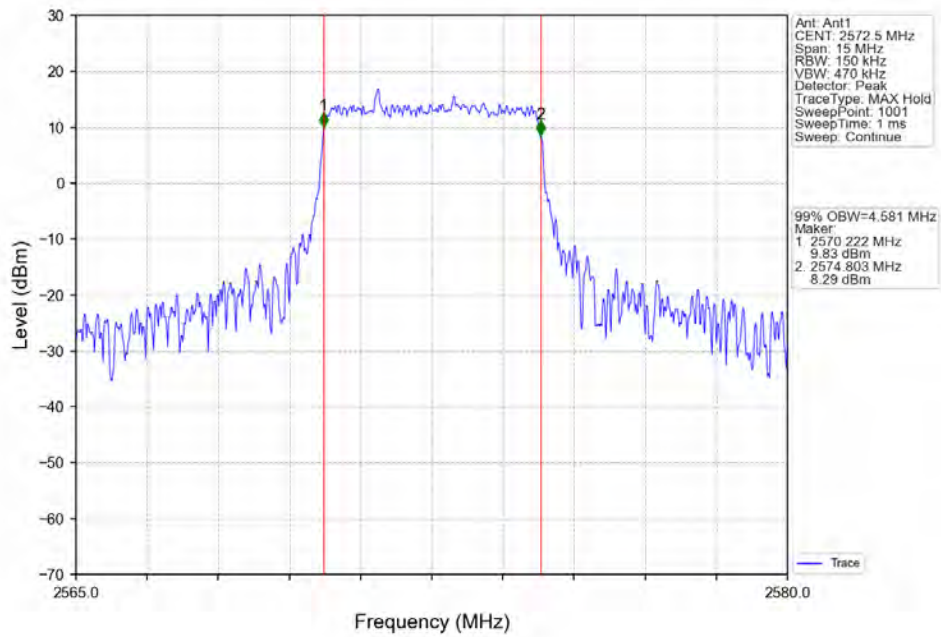
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



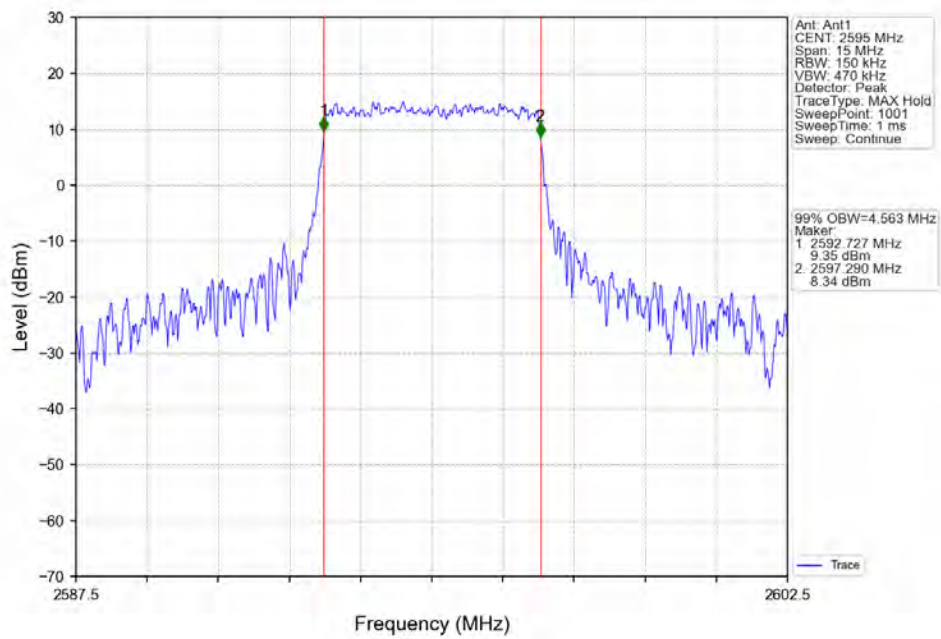
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



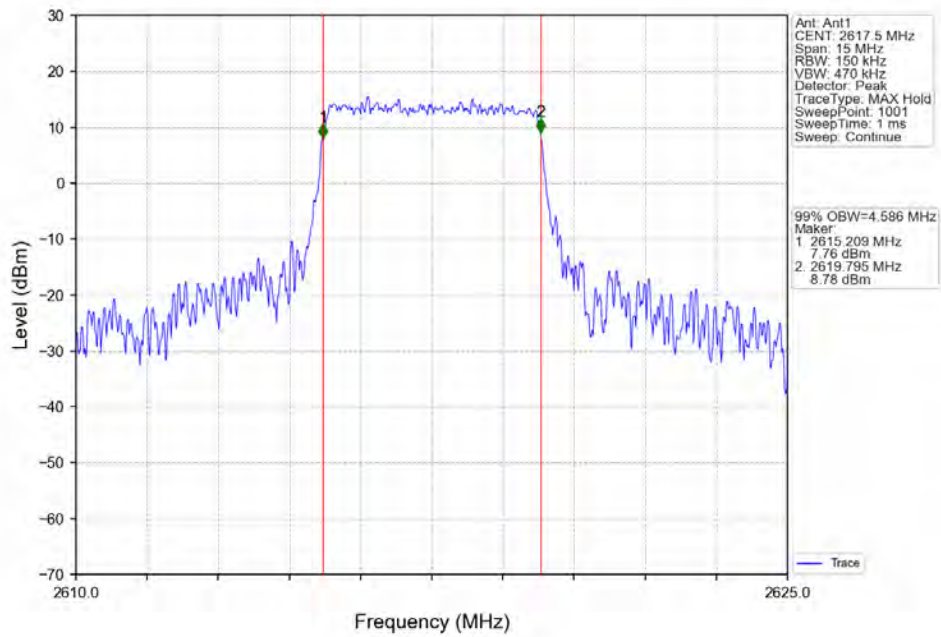
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



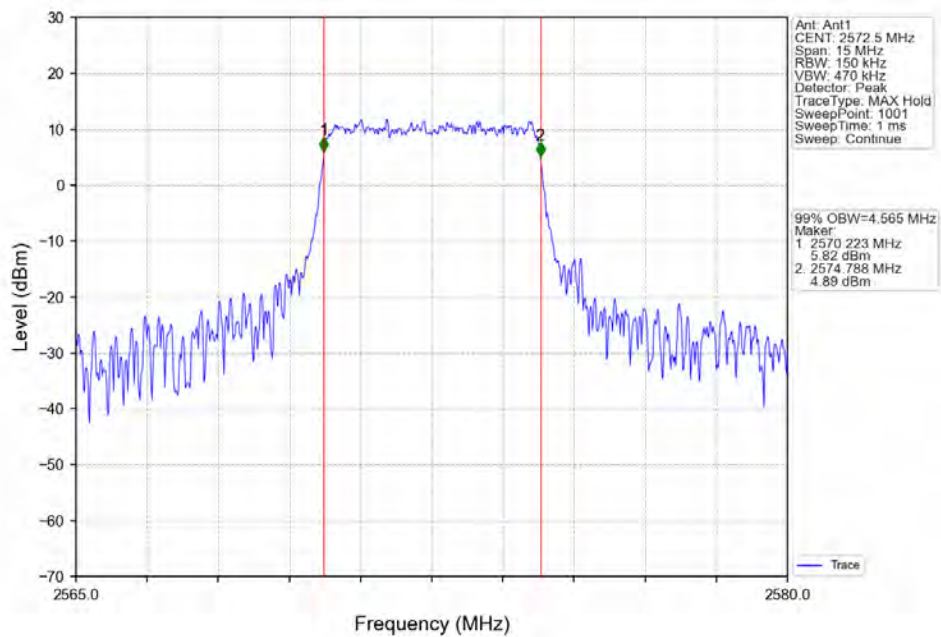
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTNV



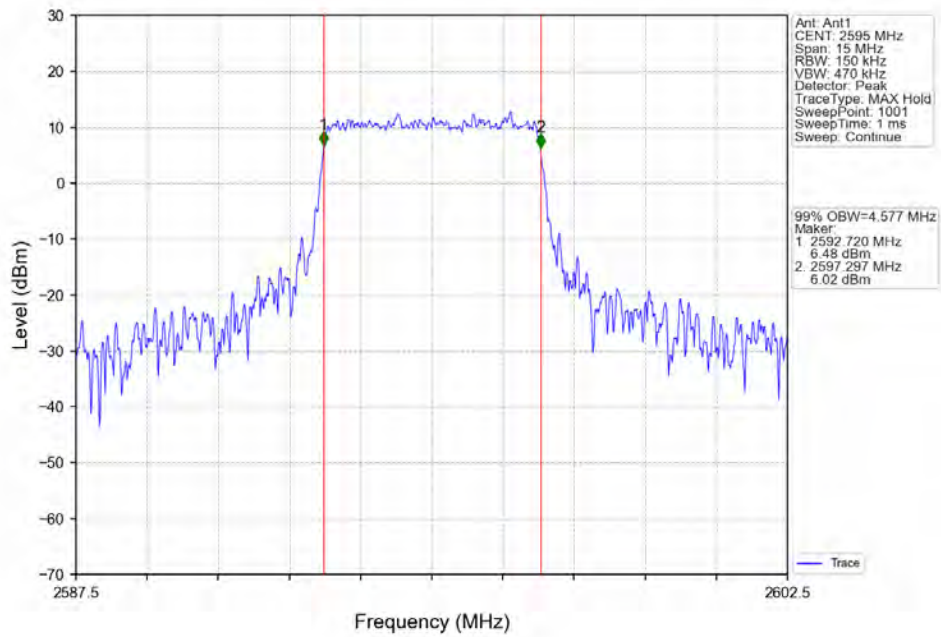
Band38 5MHz 64QAM HCH 2617.5MHz RB 25 0 NTNV



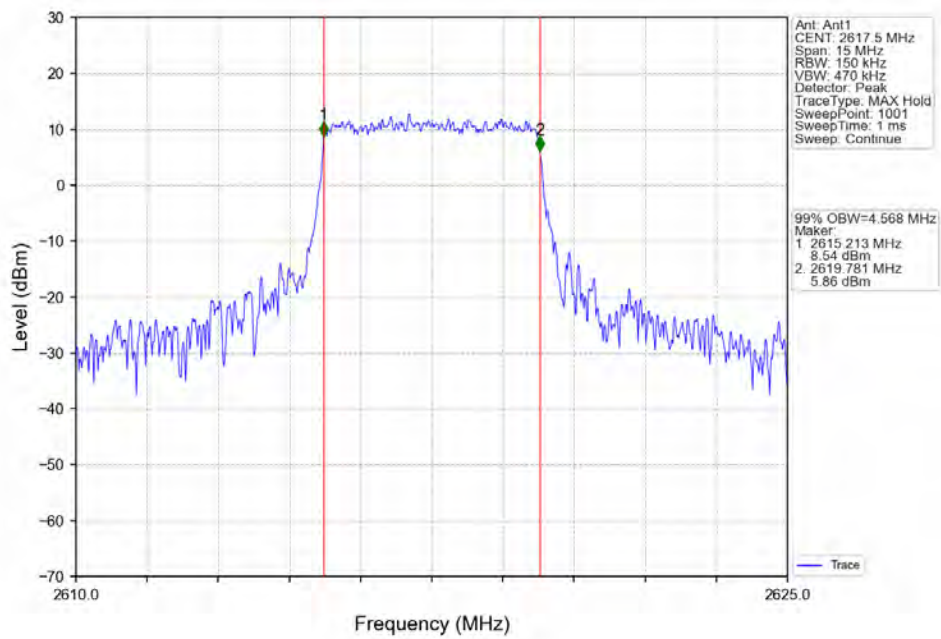
Band38 5MHz 256QAM LCH 2572.5MHz RB 25 0 NTNV



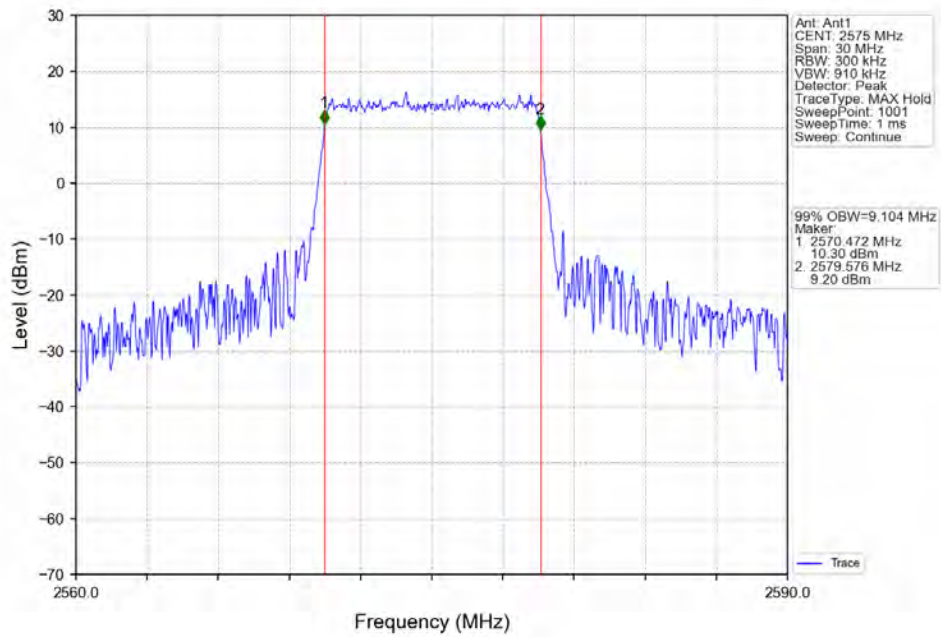
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTNV



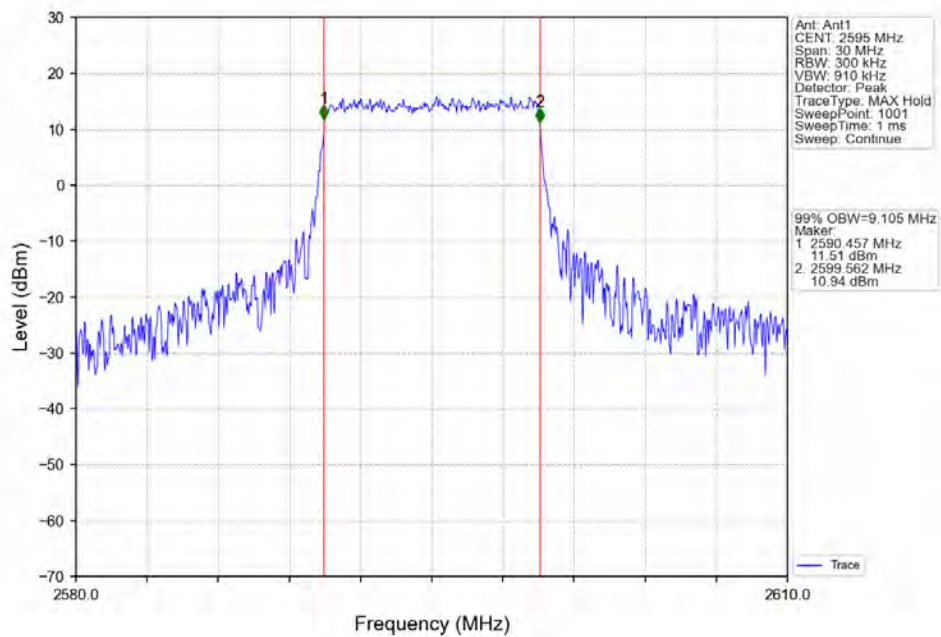
Band38 5MHz 256QAM HCH 2617.5MHz RB 25 0 NTNV



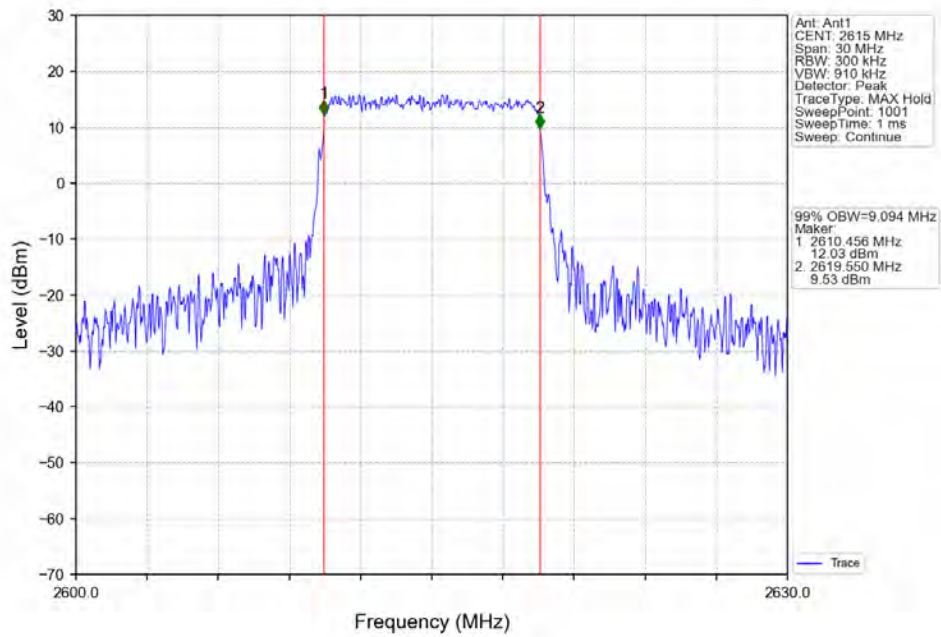
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV



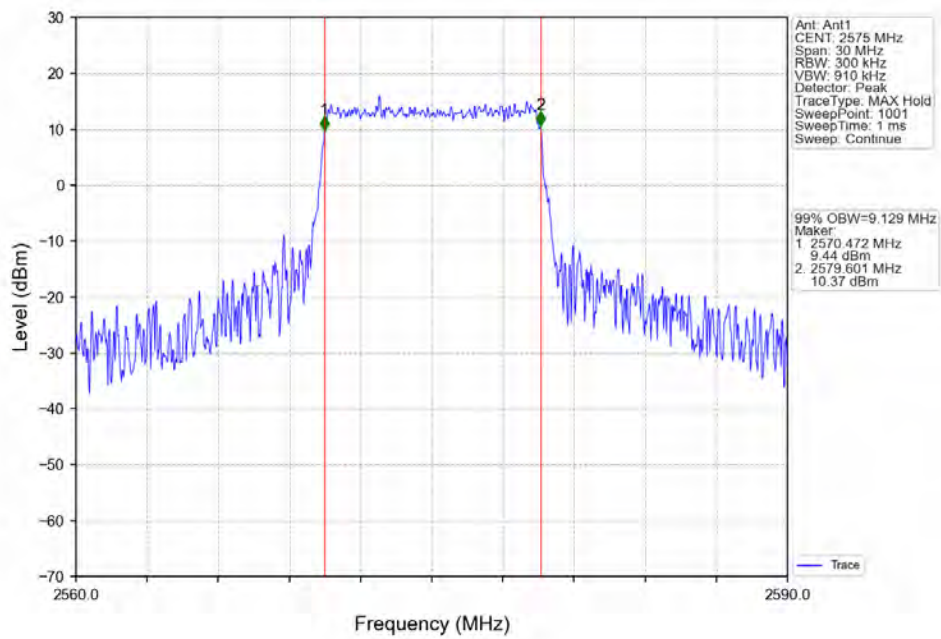
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTNV



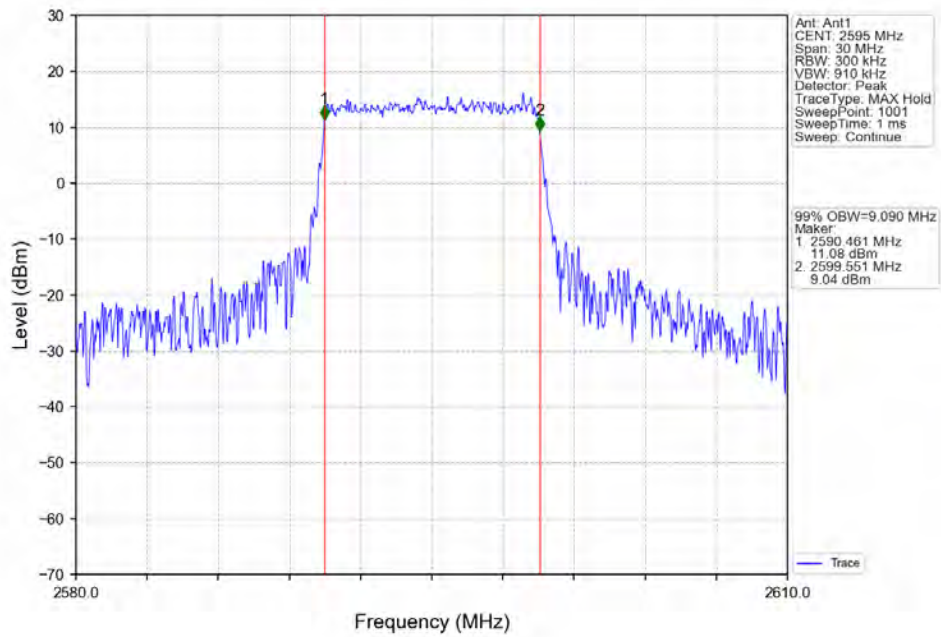
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTV



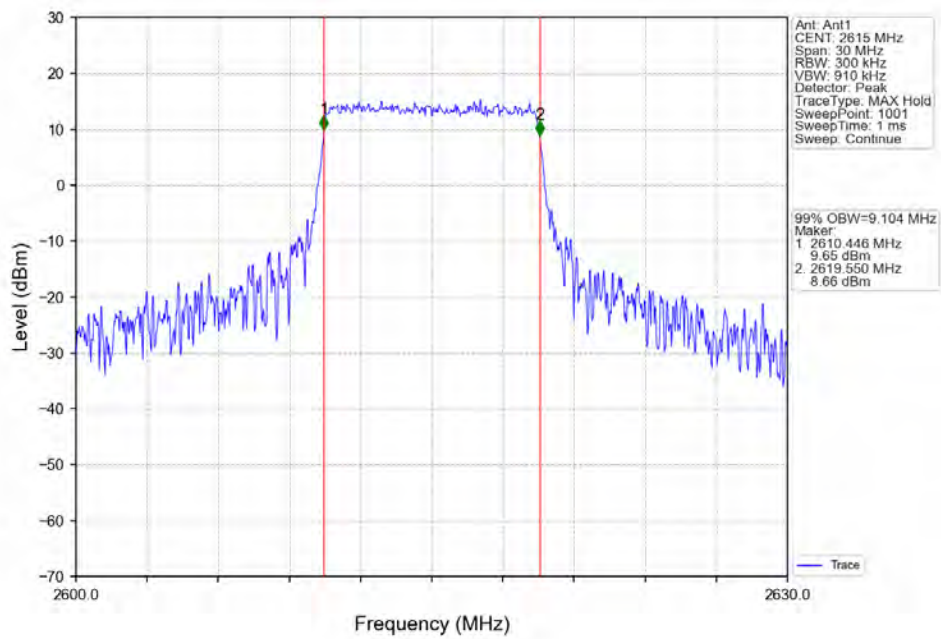
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTV



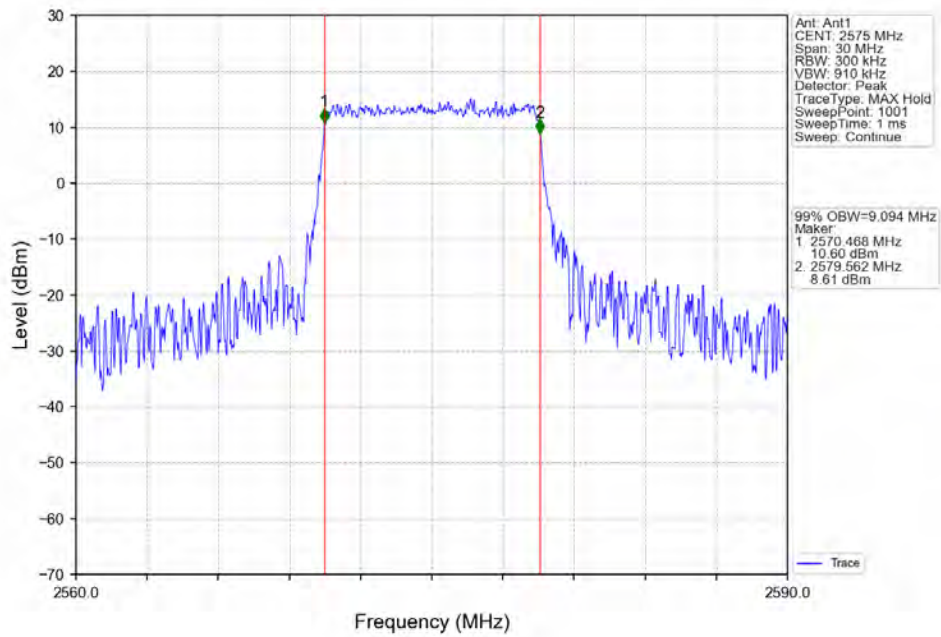
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



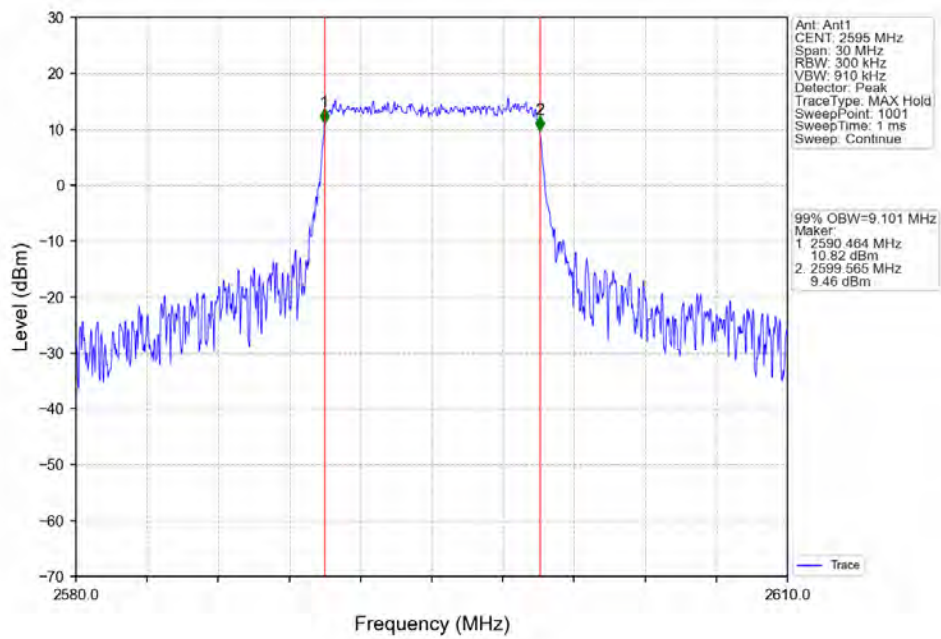
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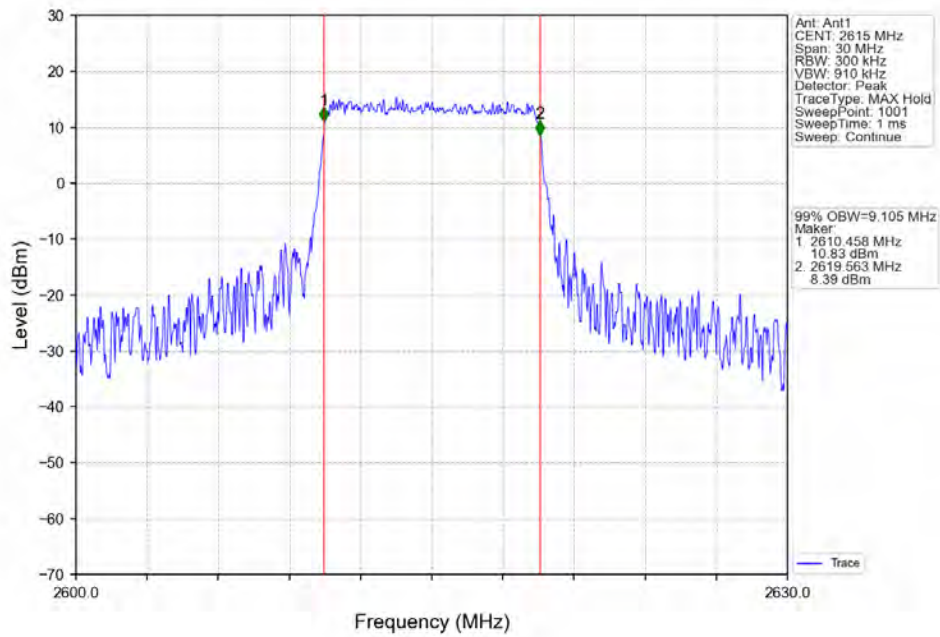
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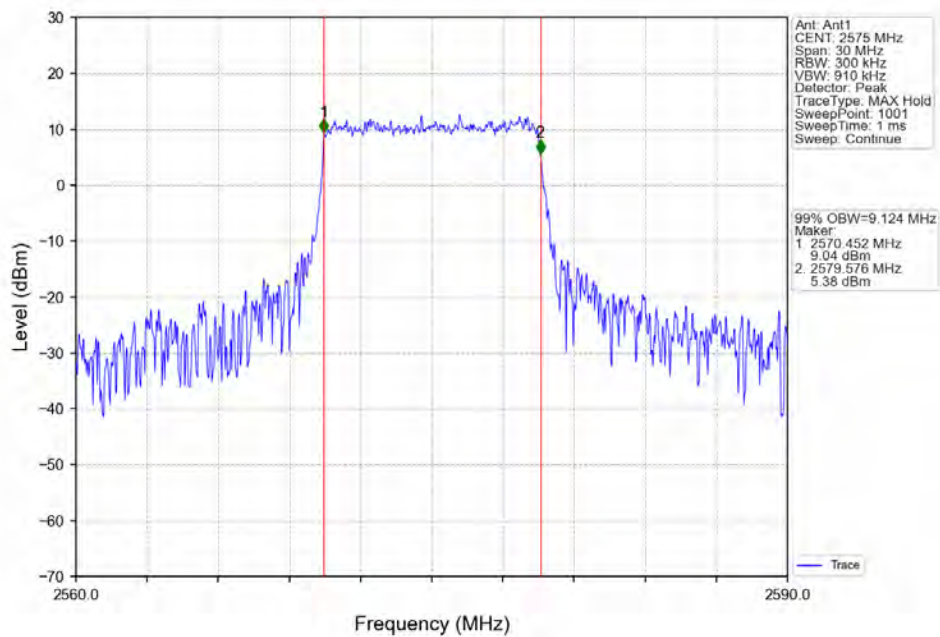
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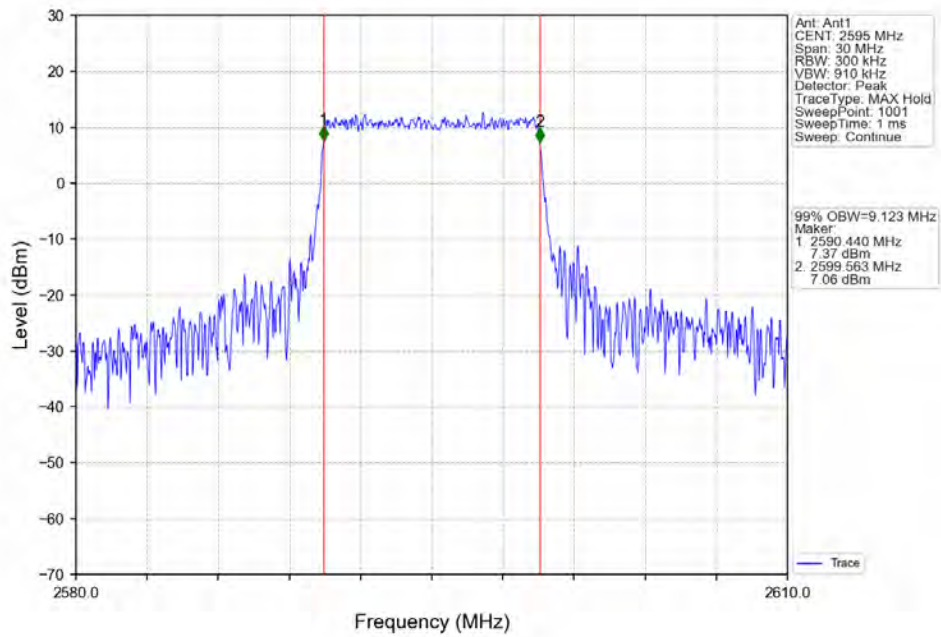
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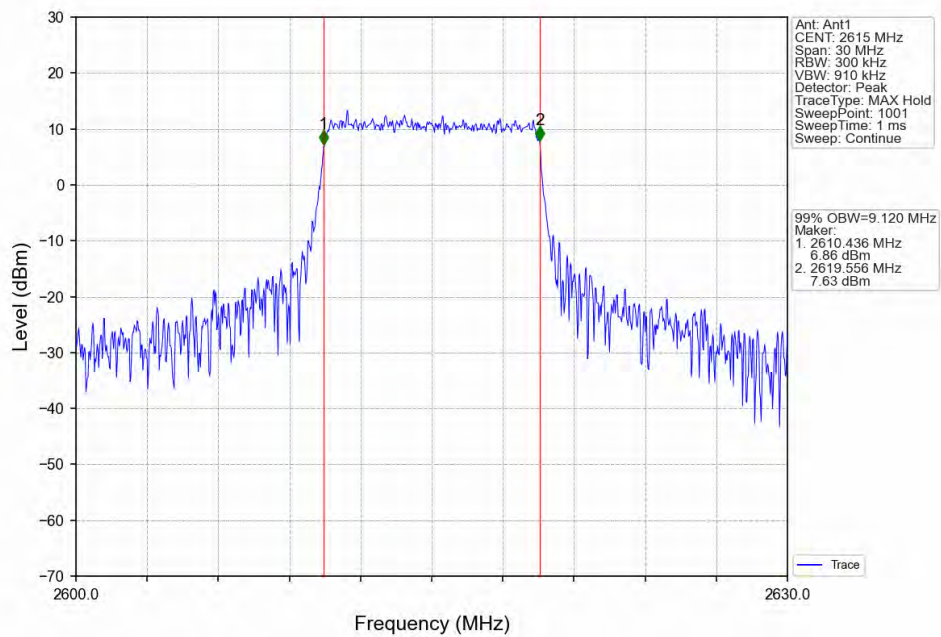
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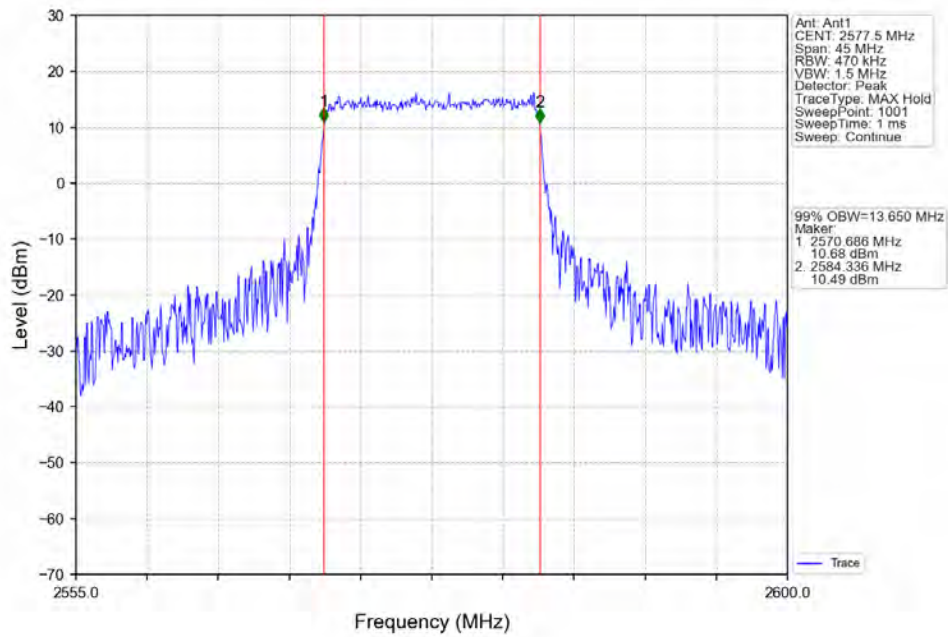
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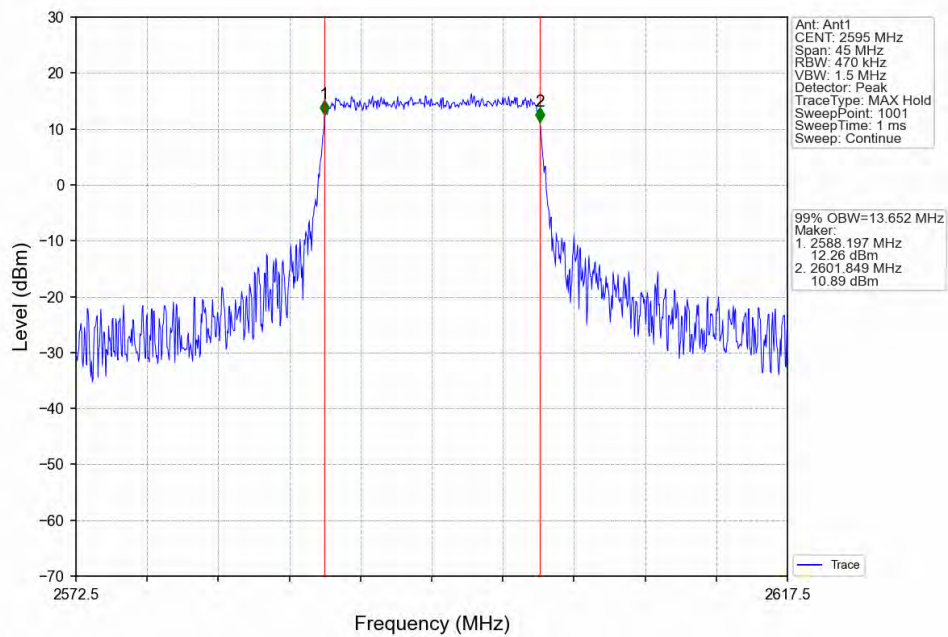
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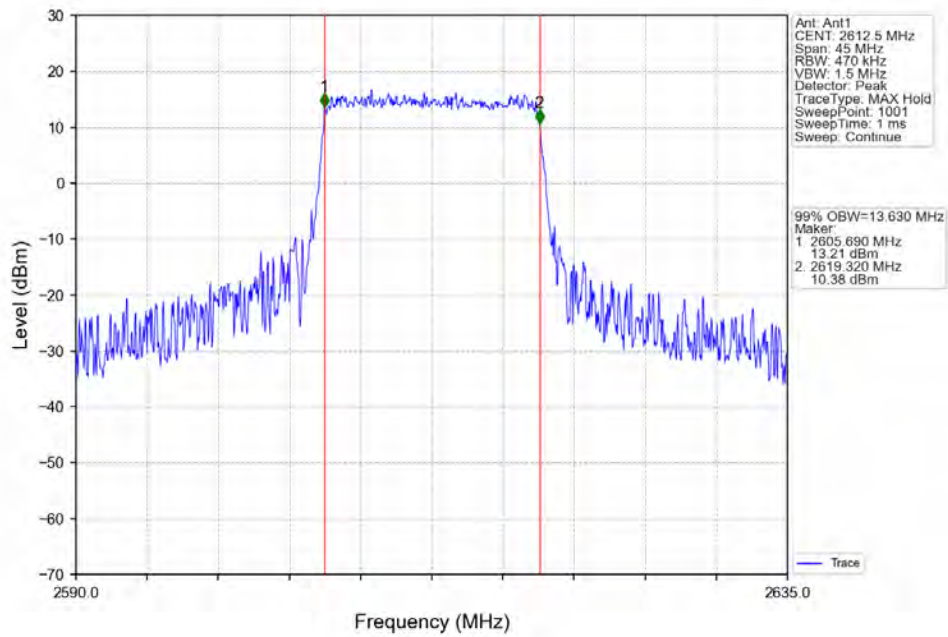
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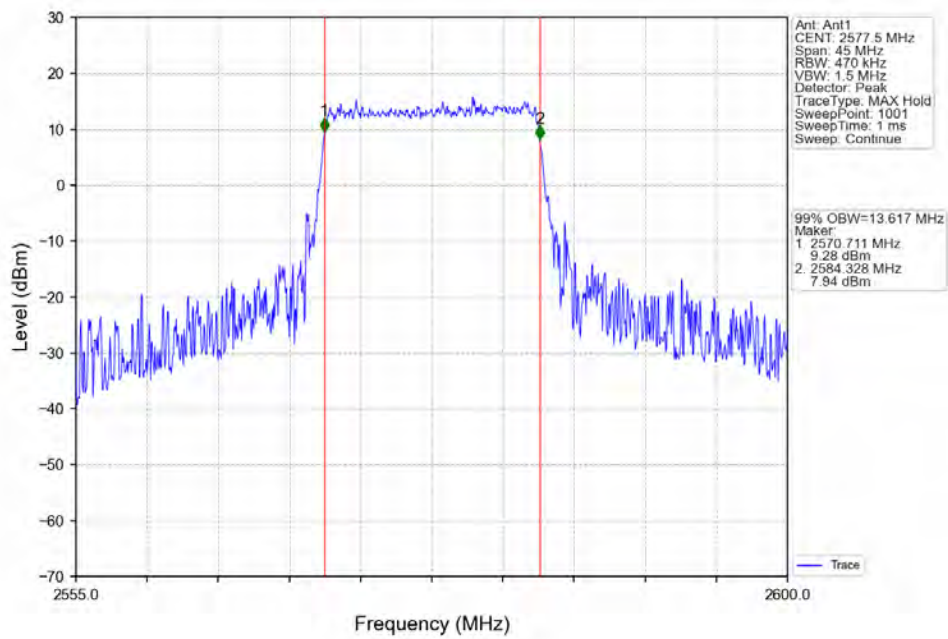
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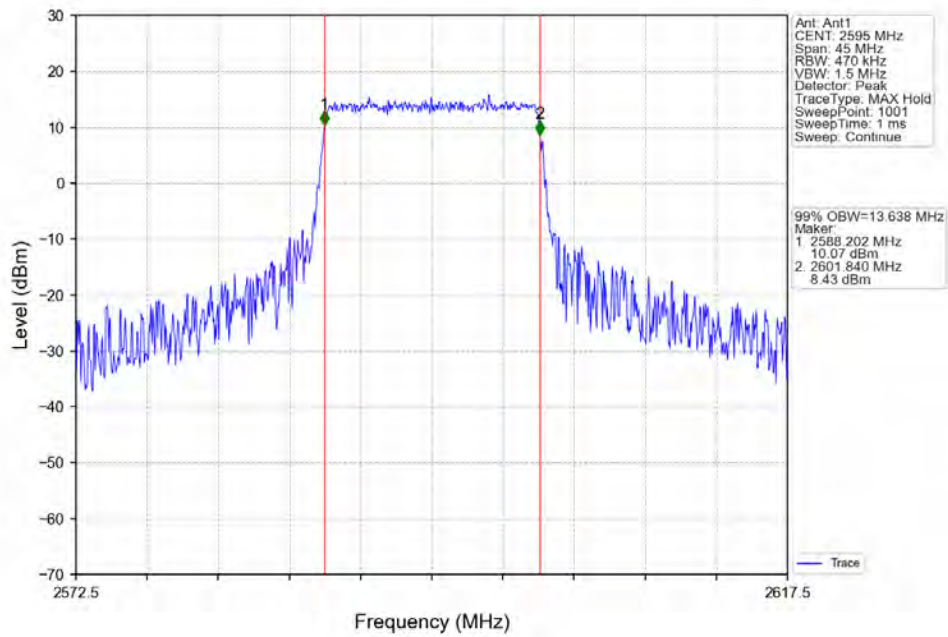
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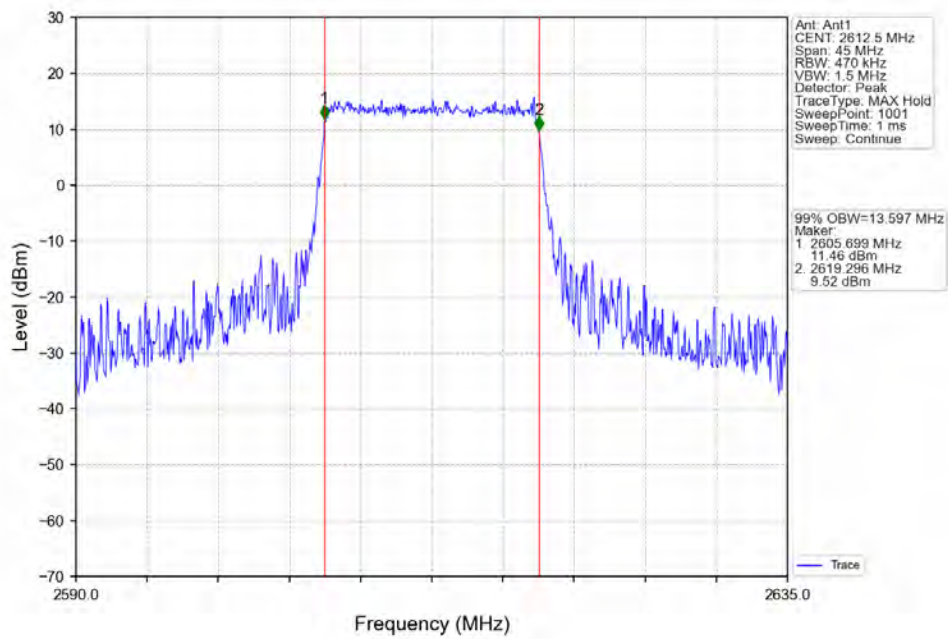
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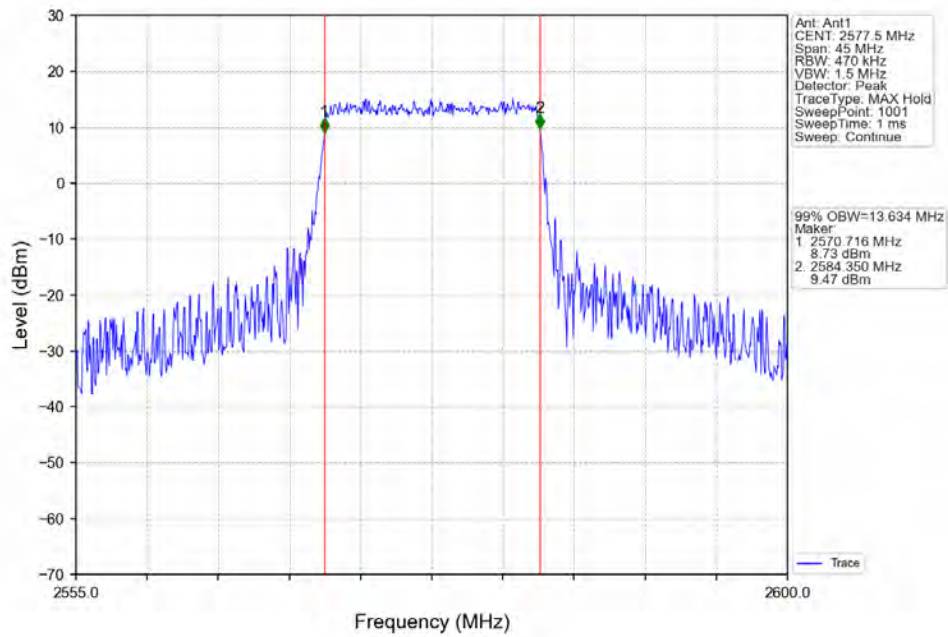
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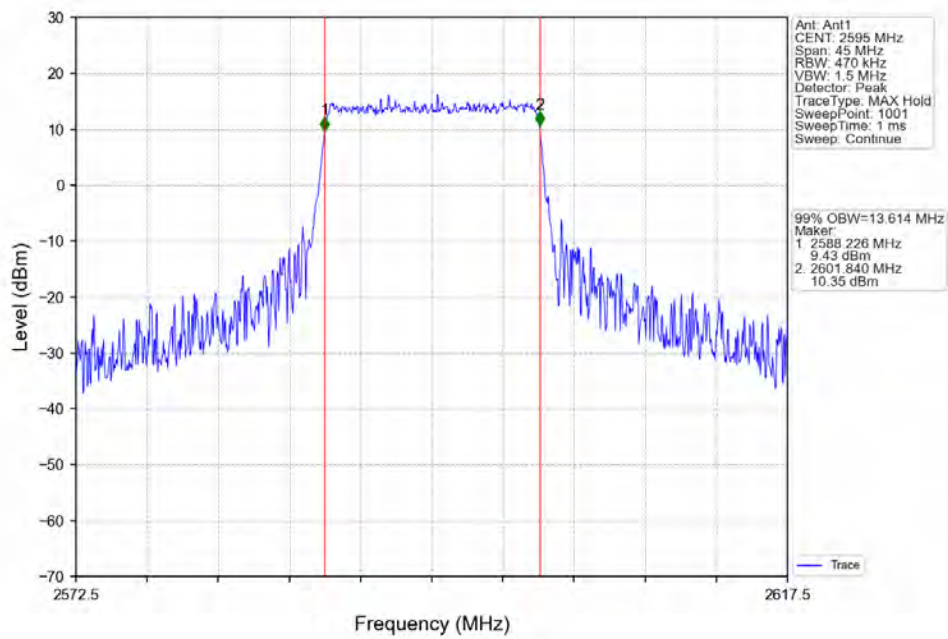
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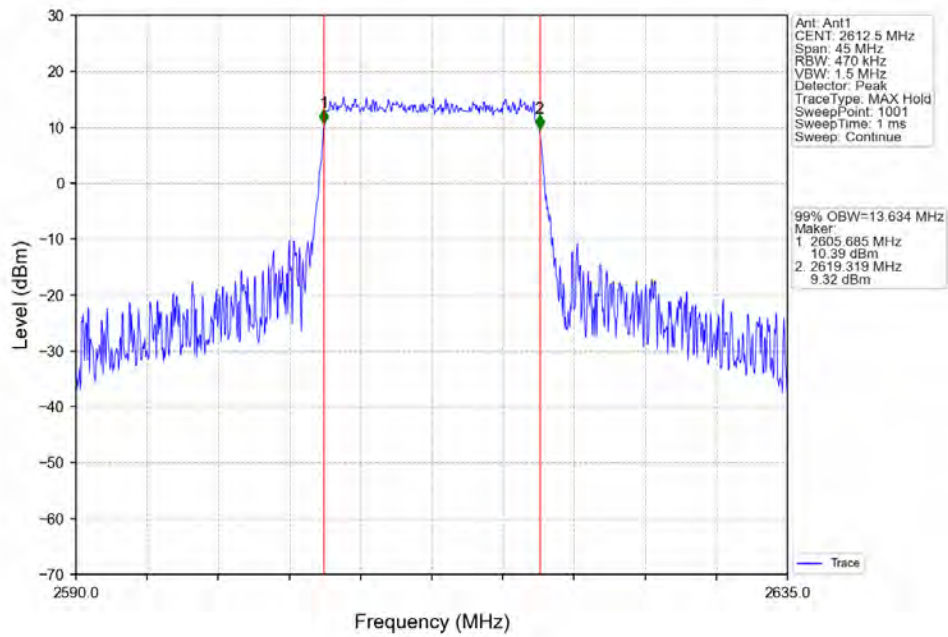
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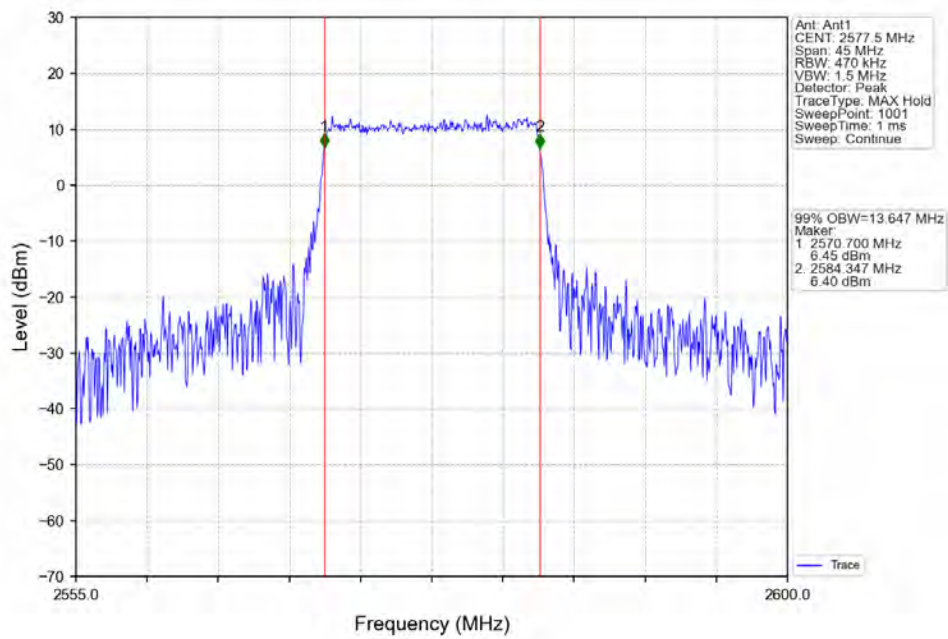
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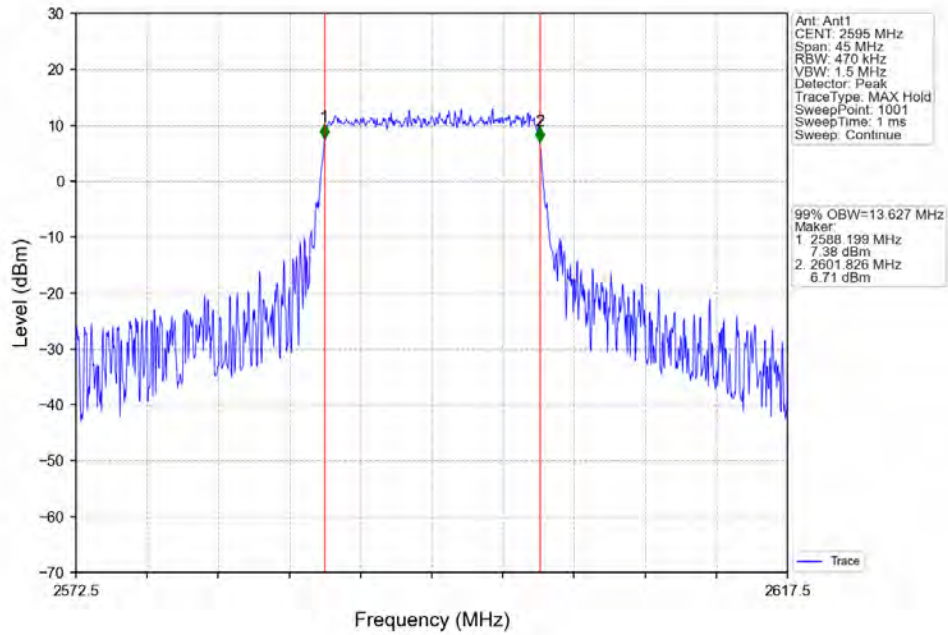
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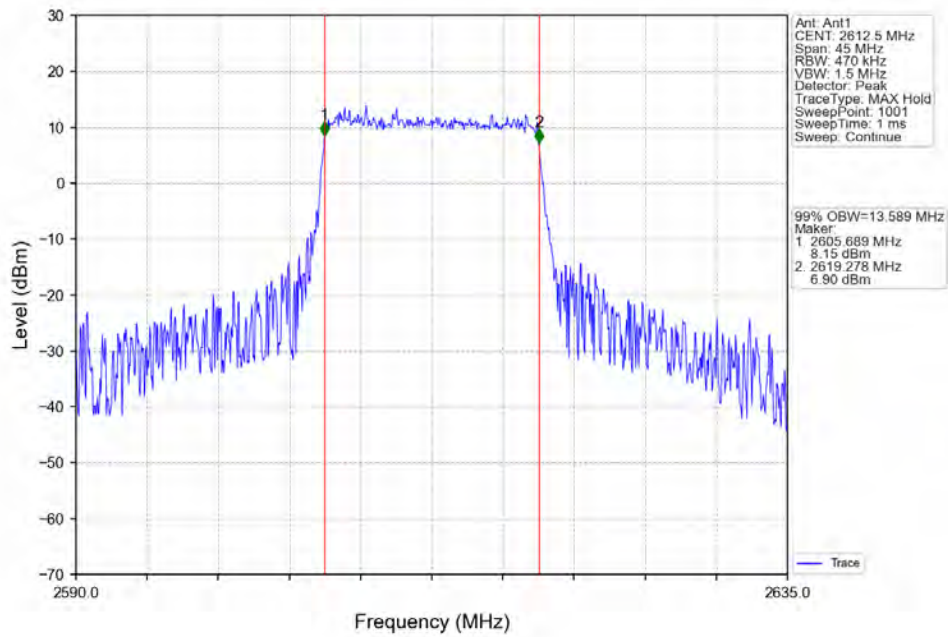
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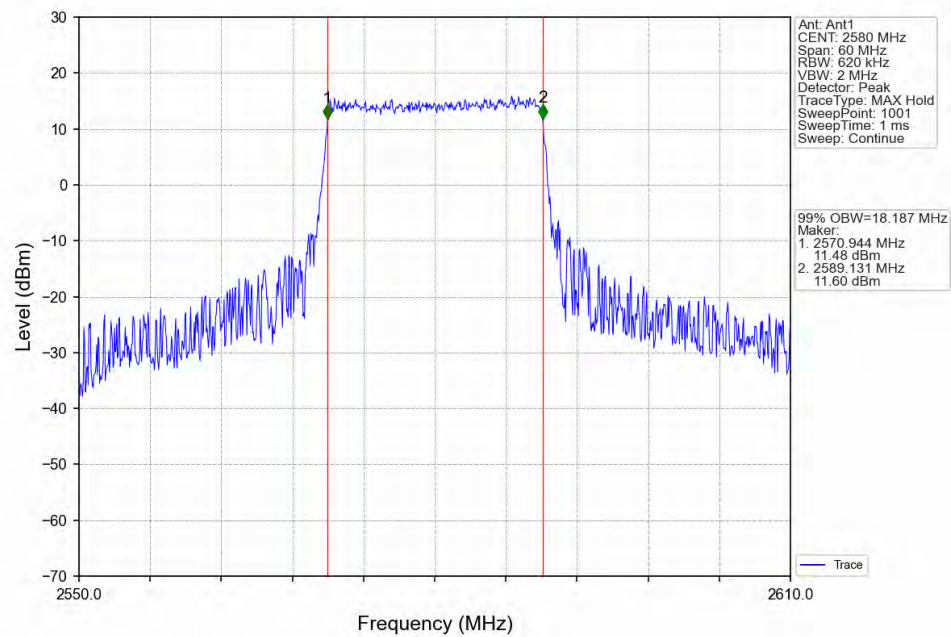
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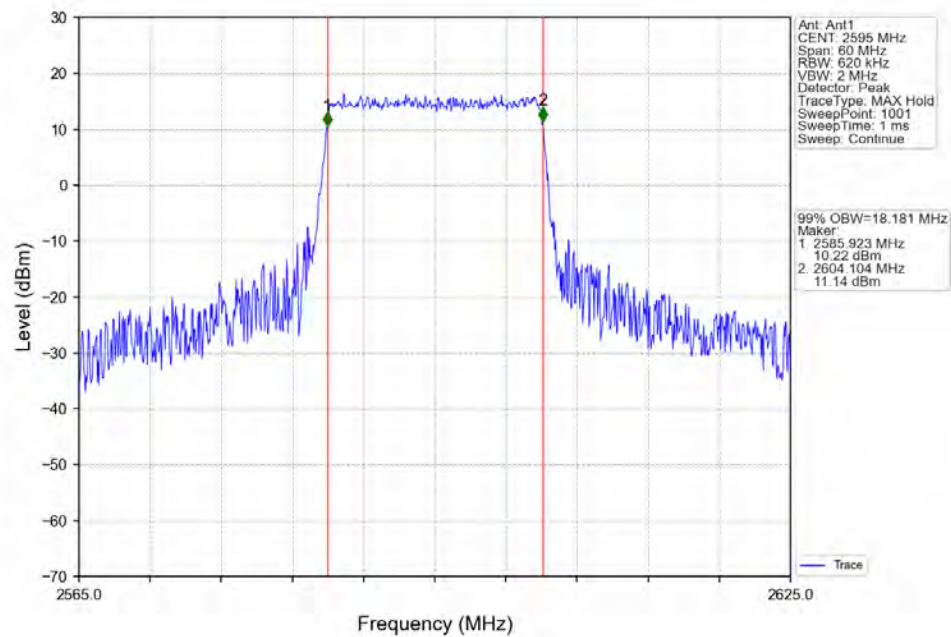
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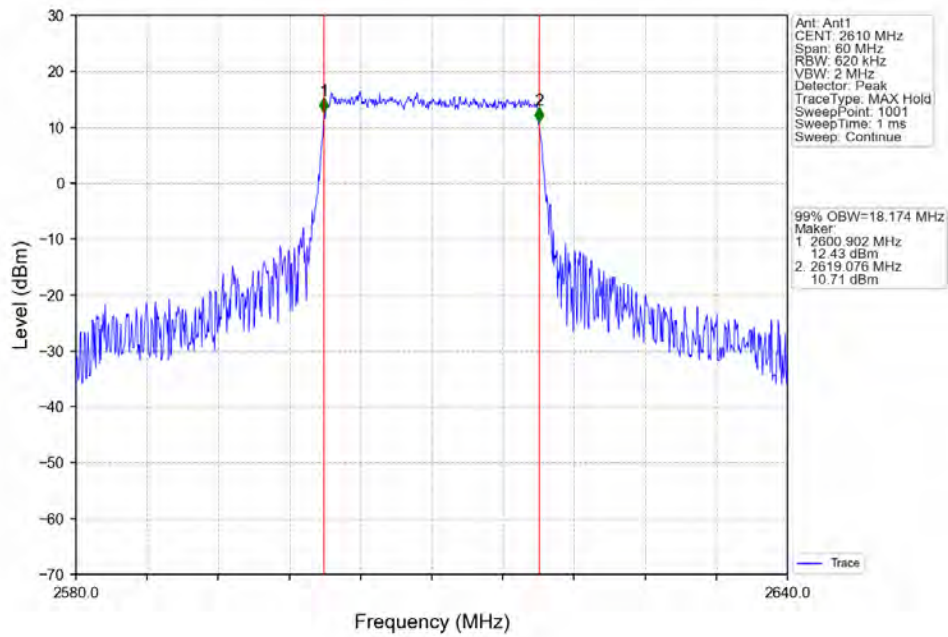
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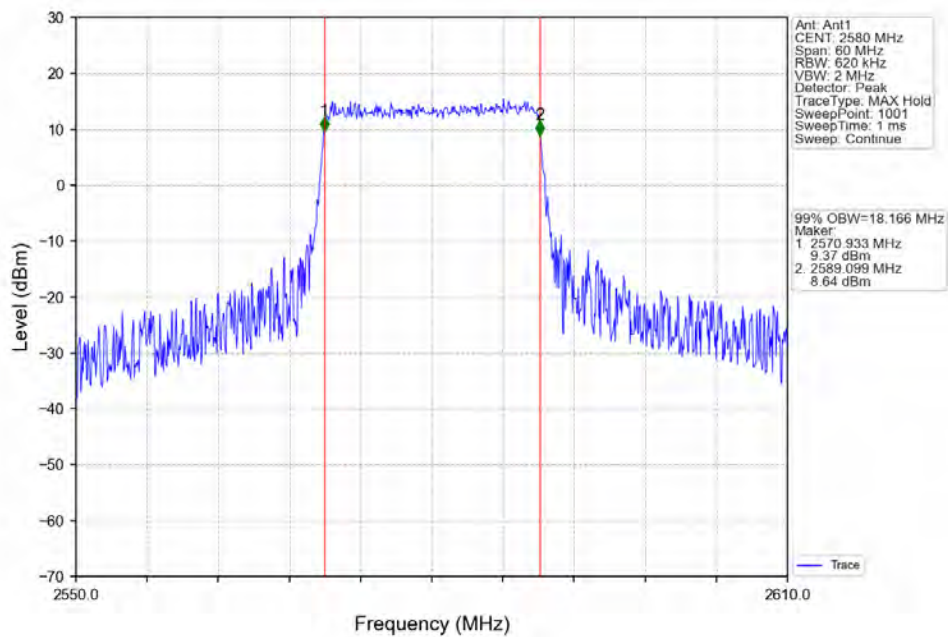
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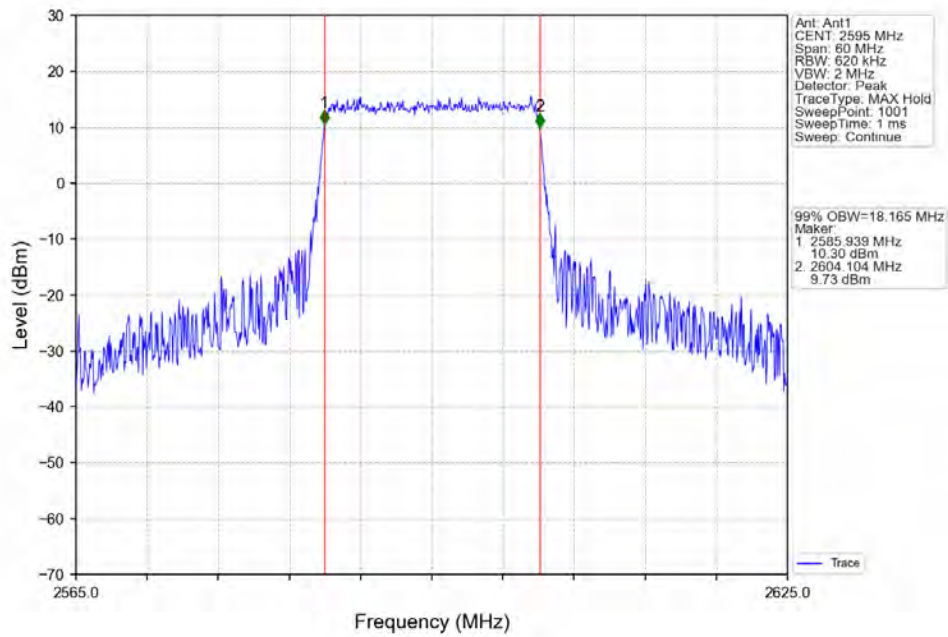
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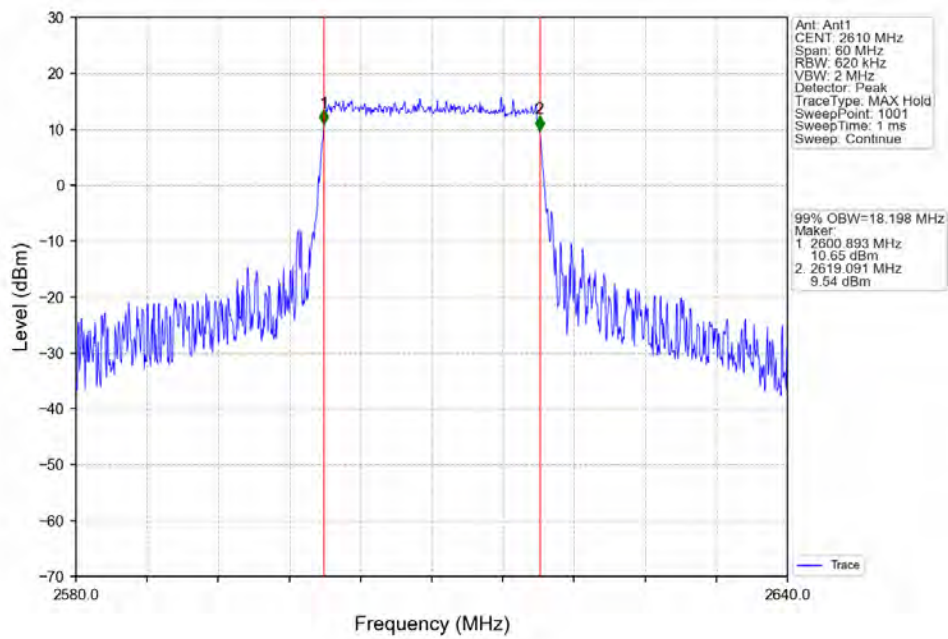
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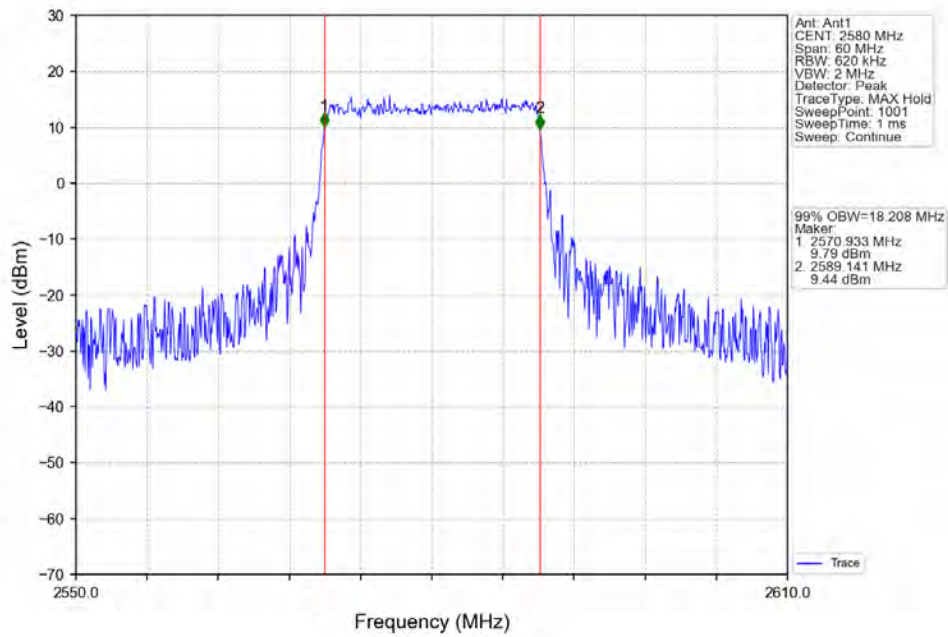
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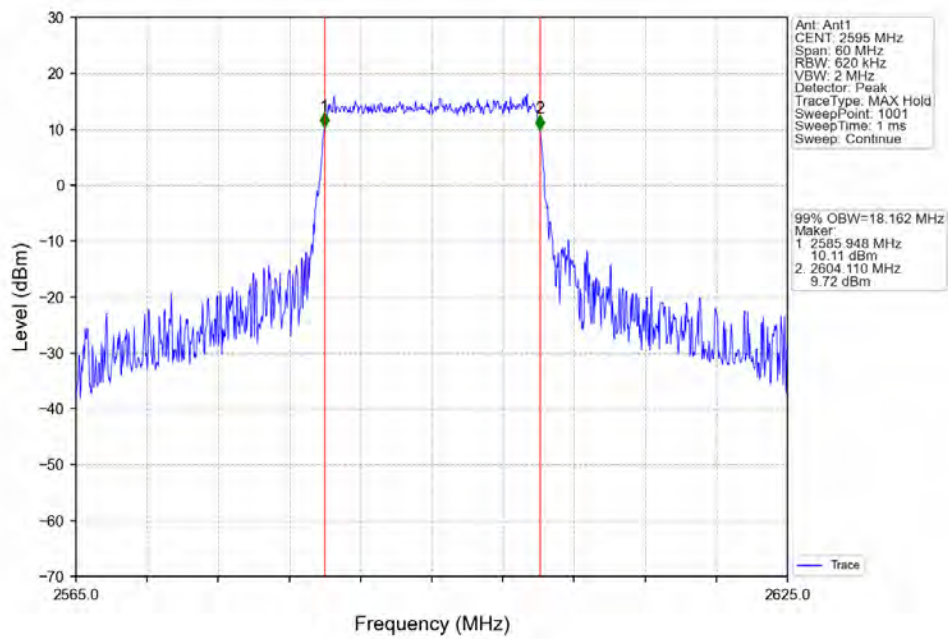
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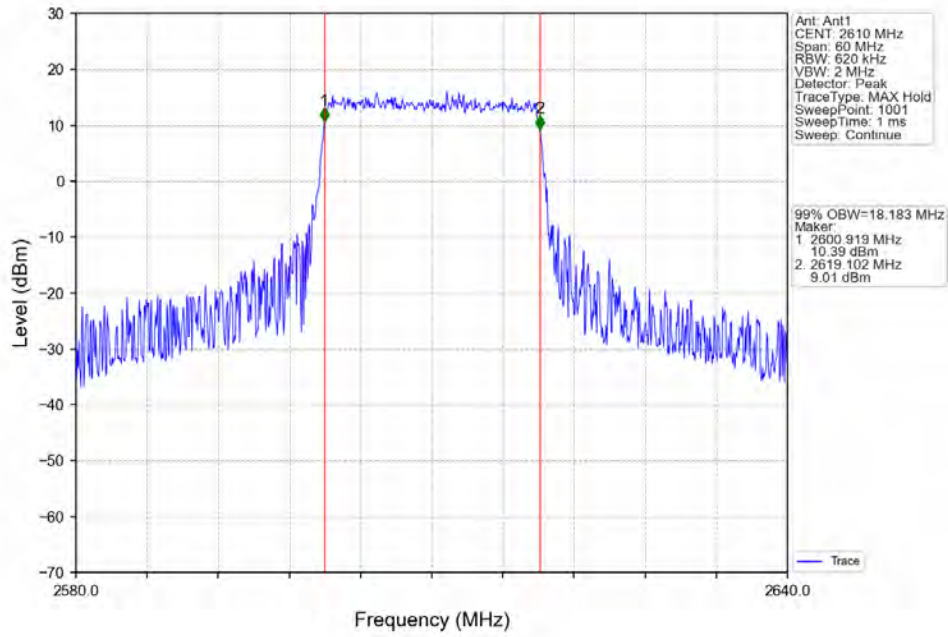
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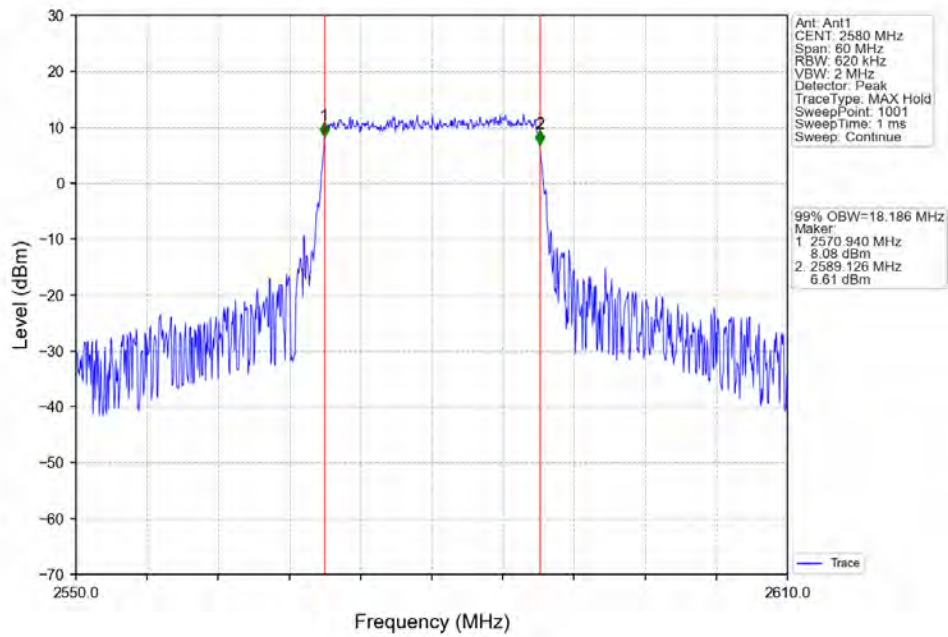
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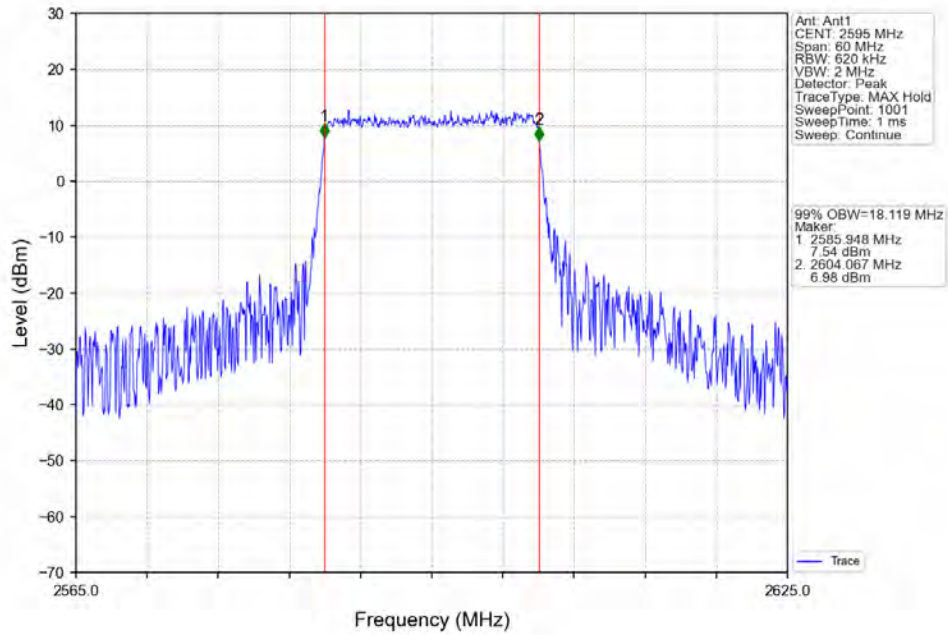
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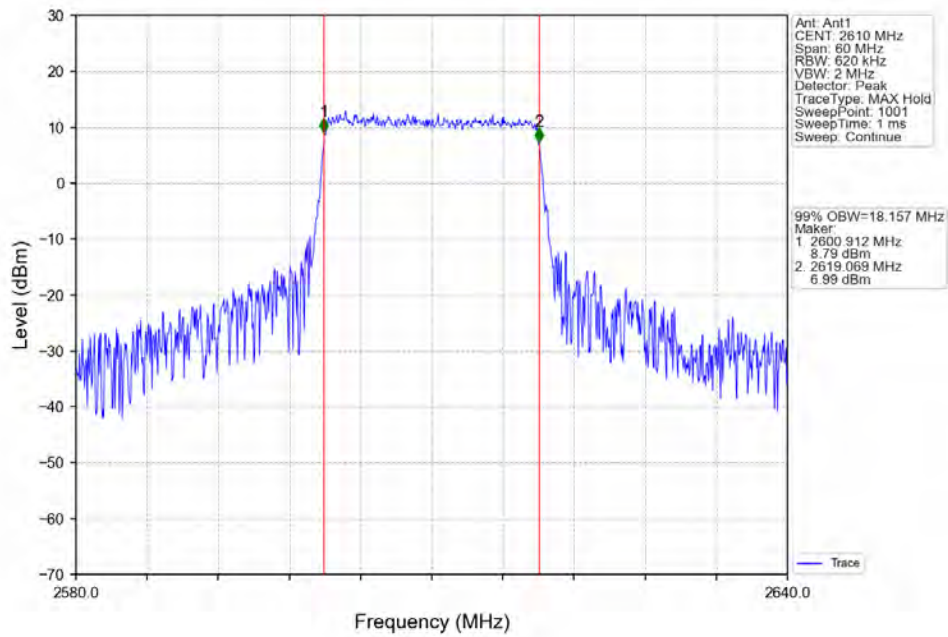
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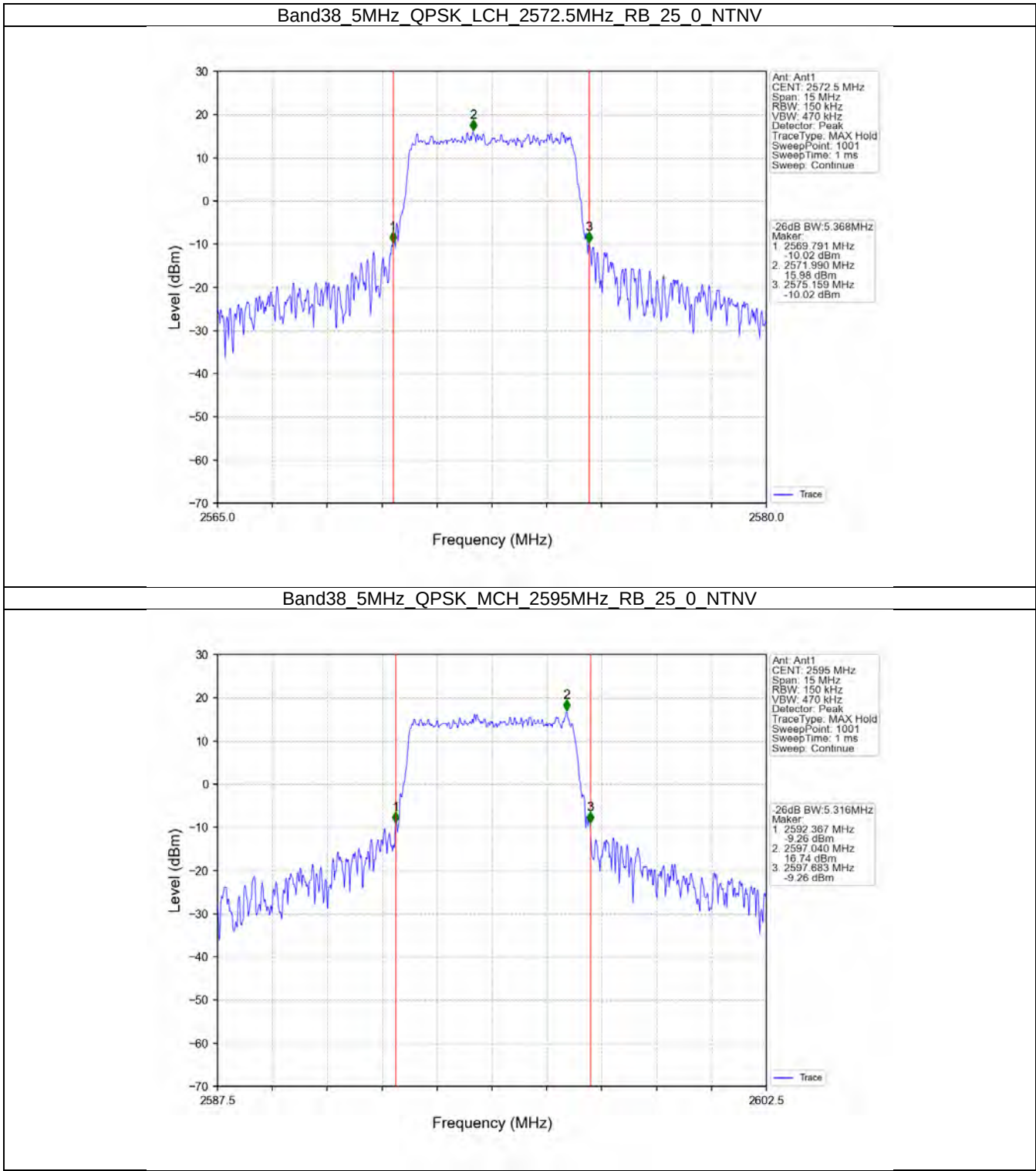
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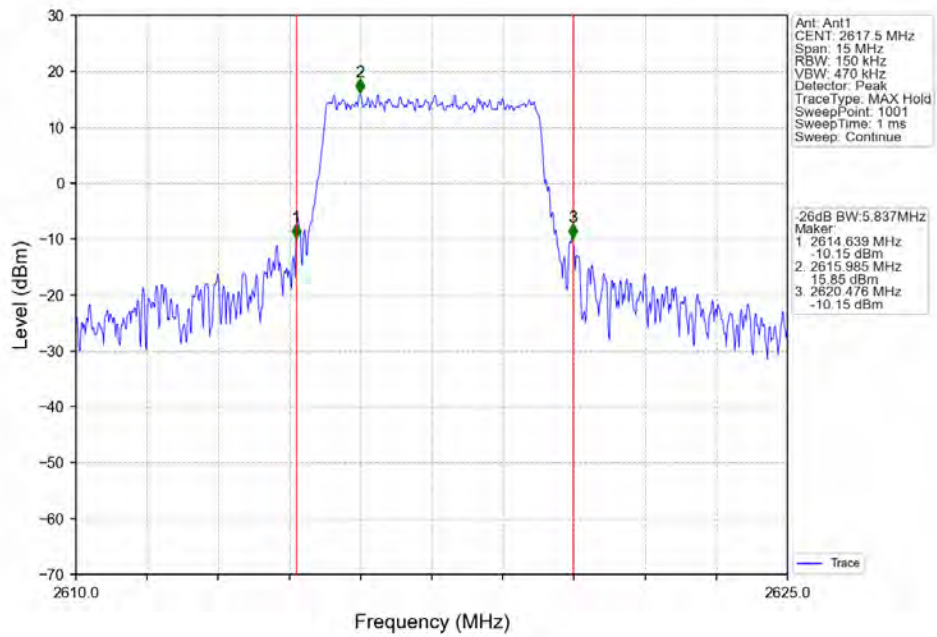
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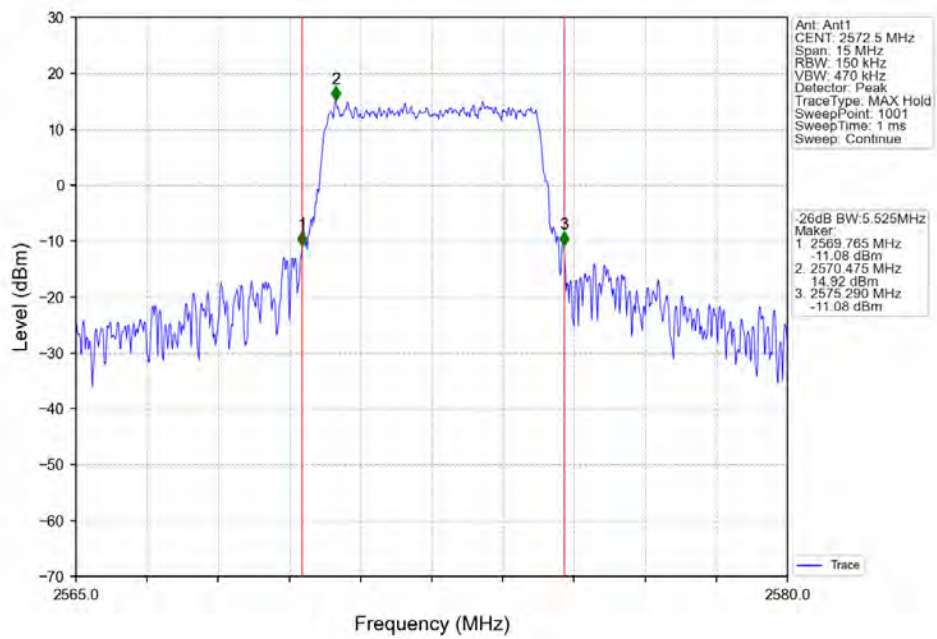
3.2.2 Band38_XDB



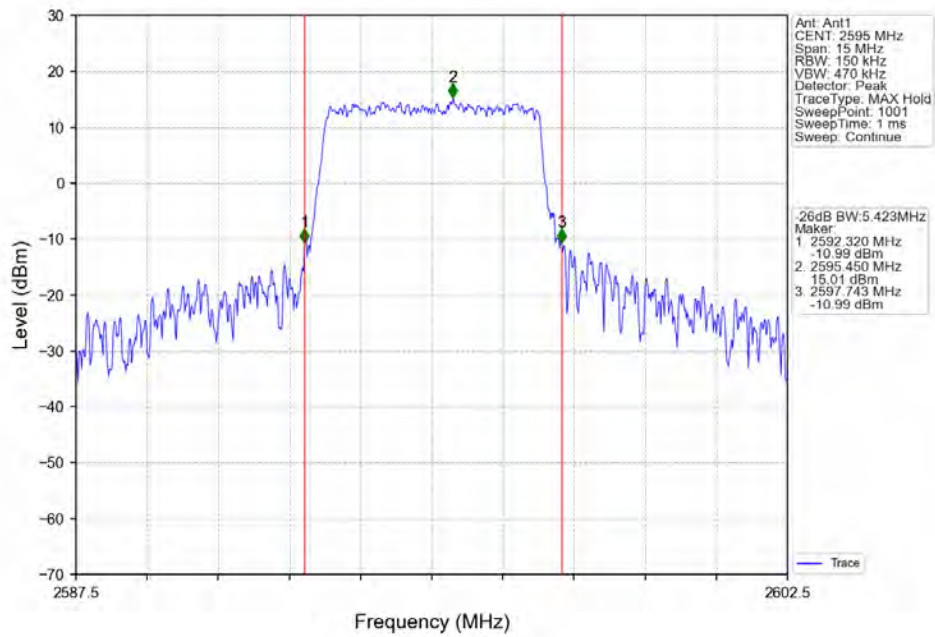
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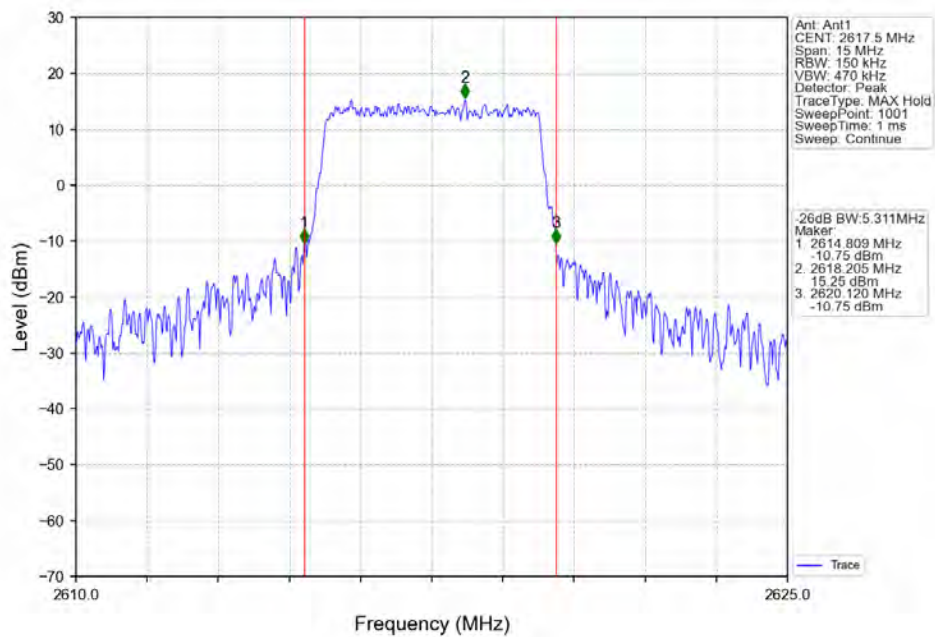
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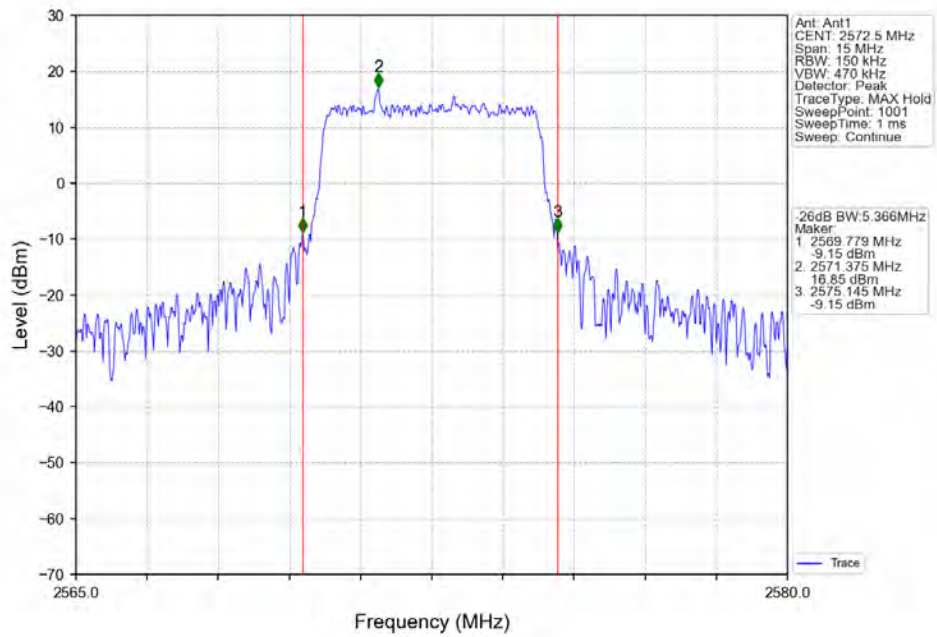
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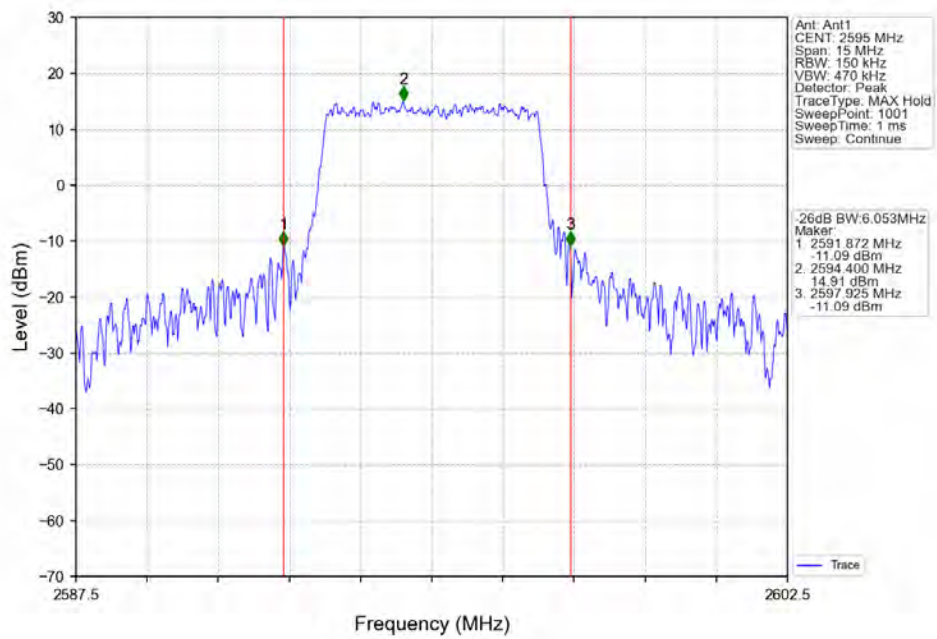
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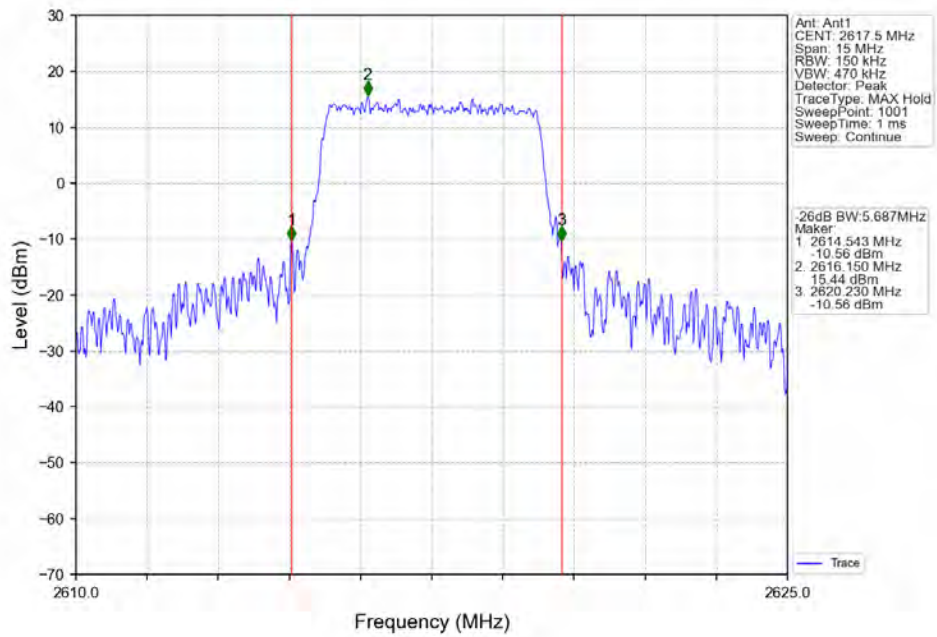
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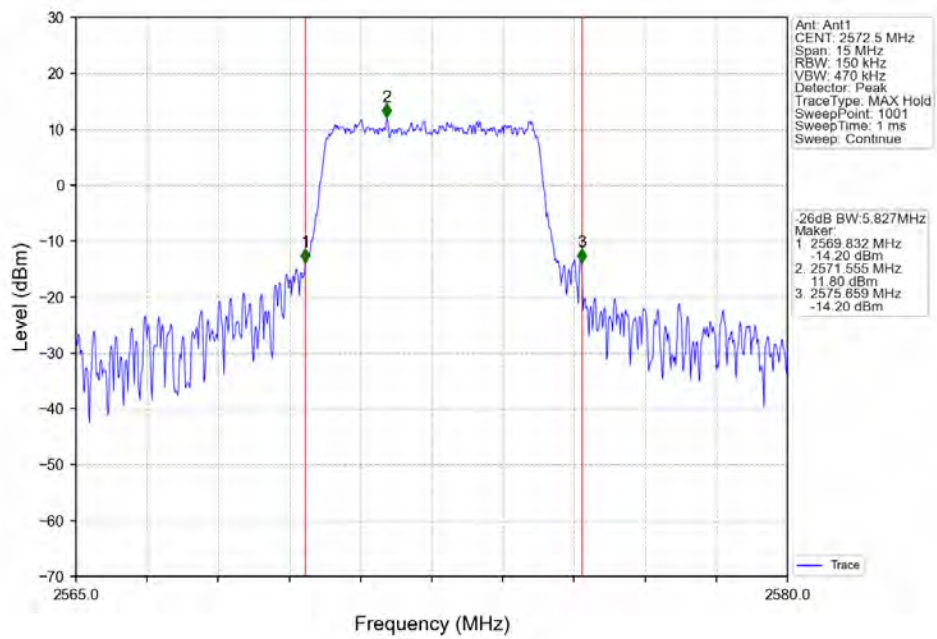
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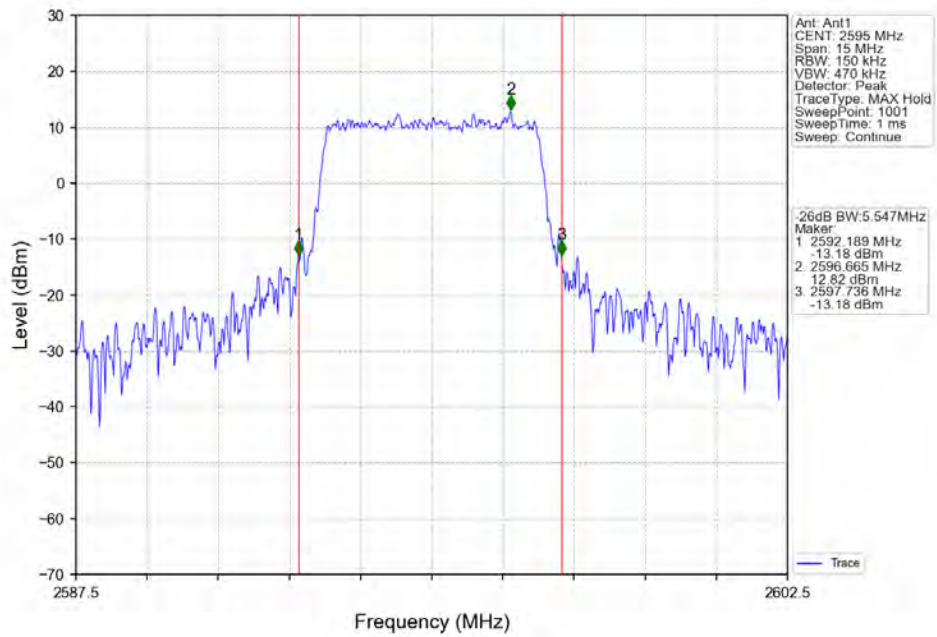
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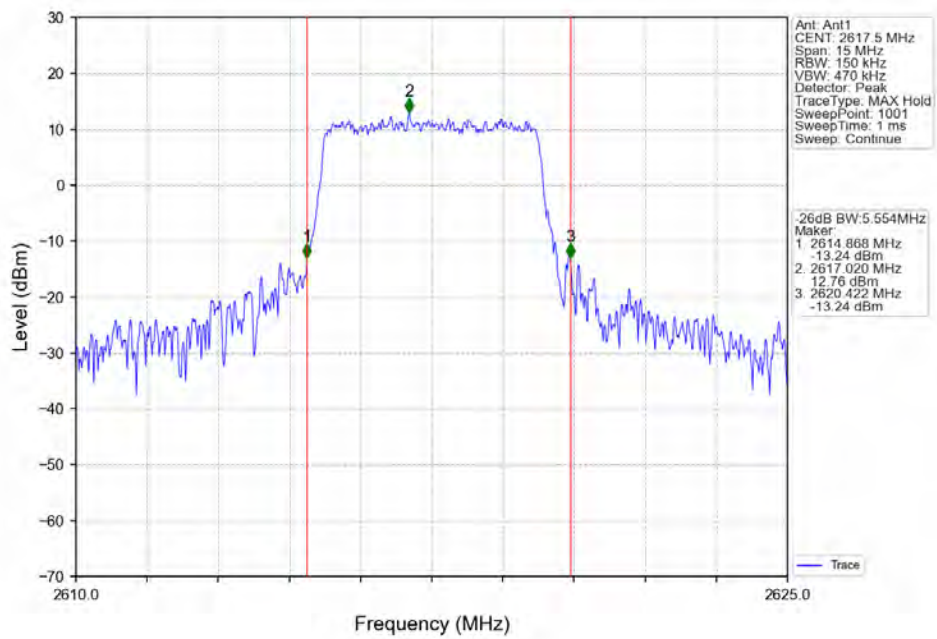
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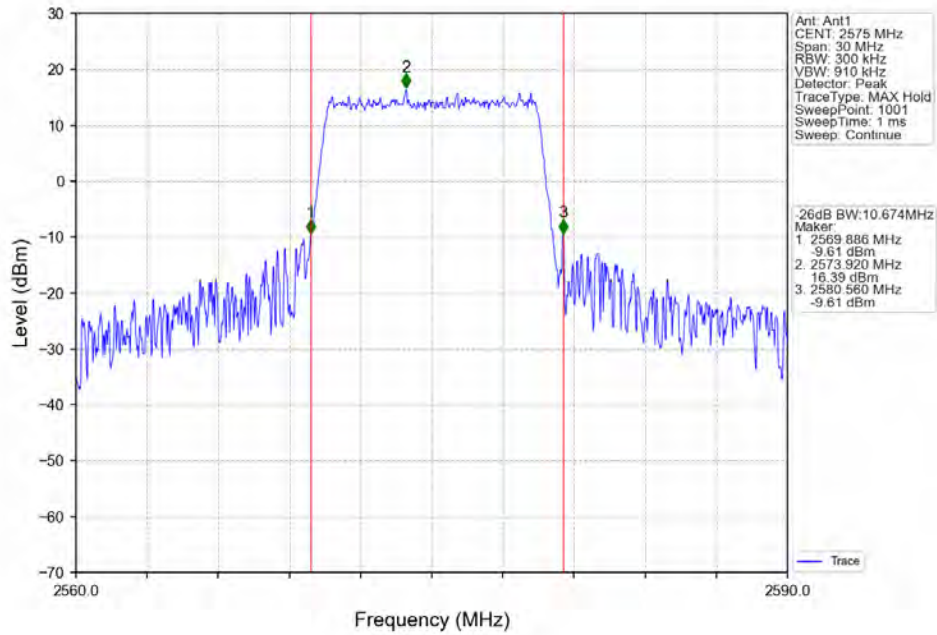
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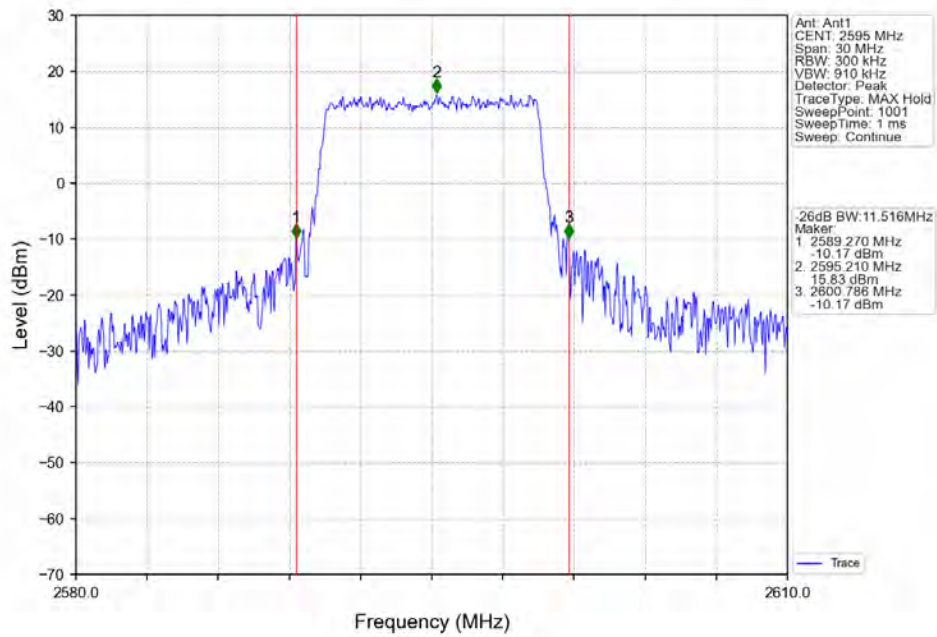
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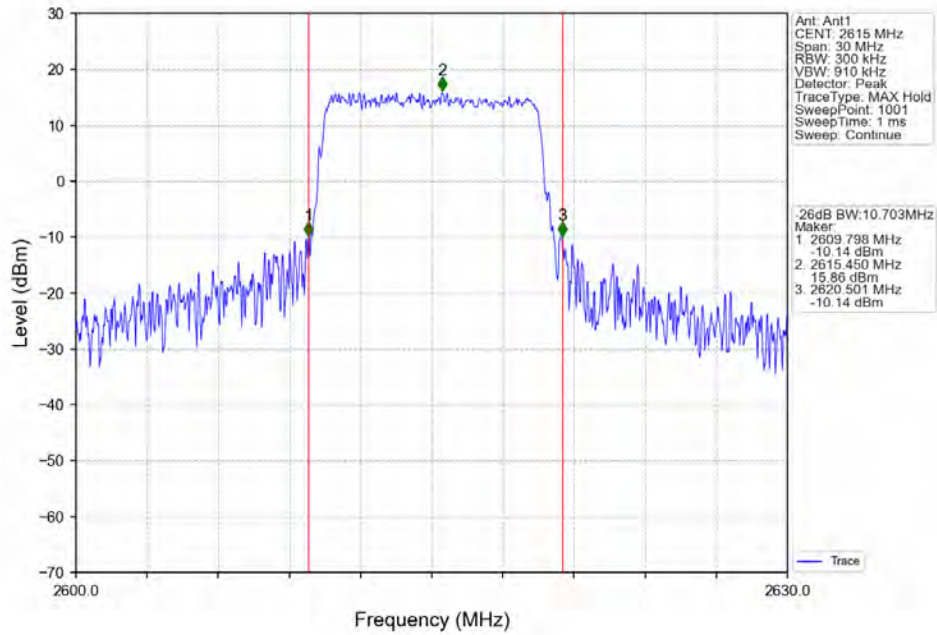
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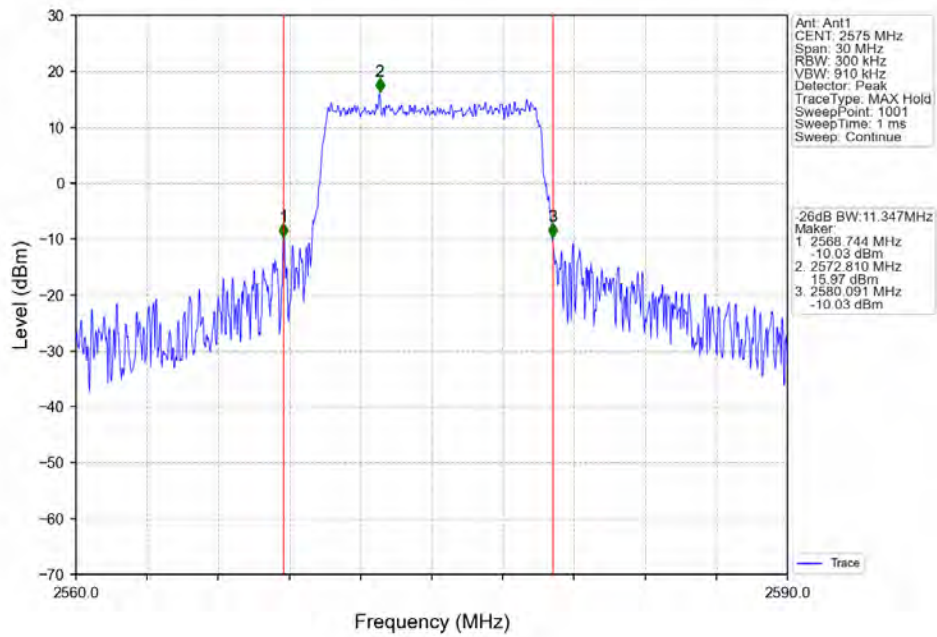
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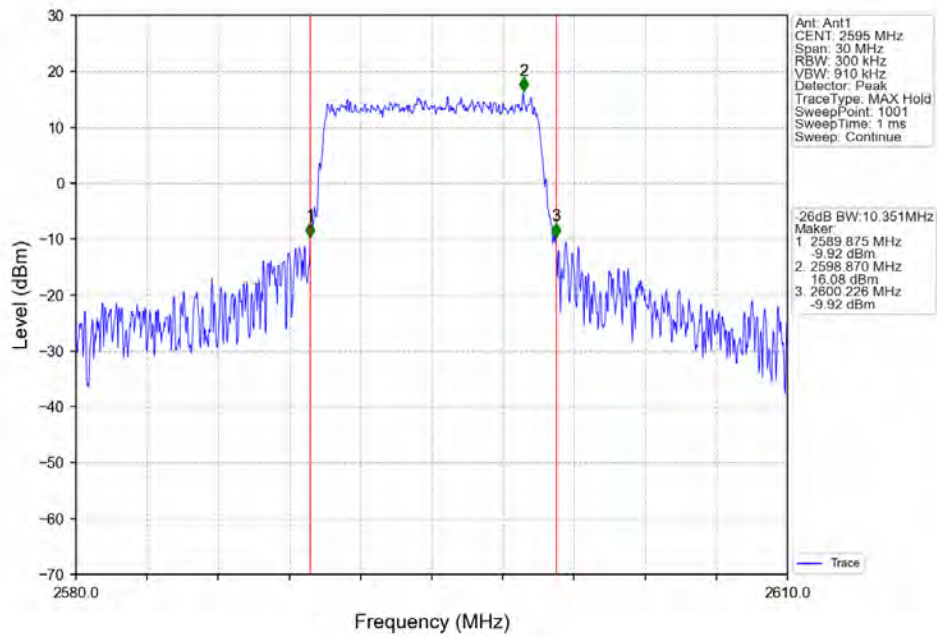
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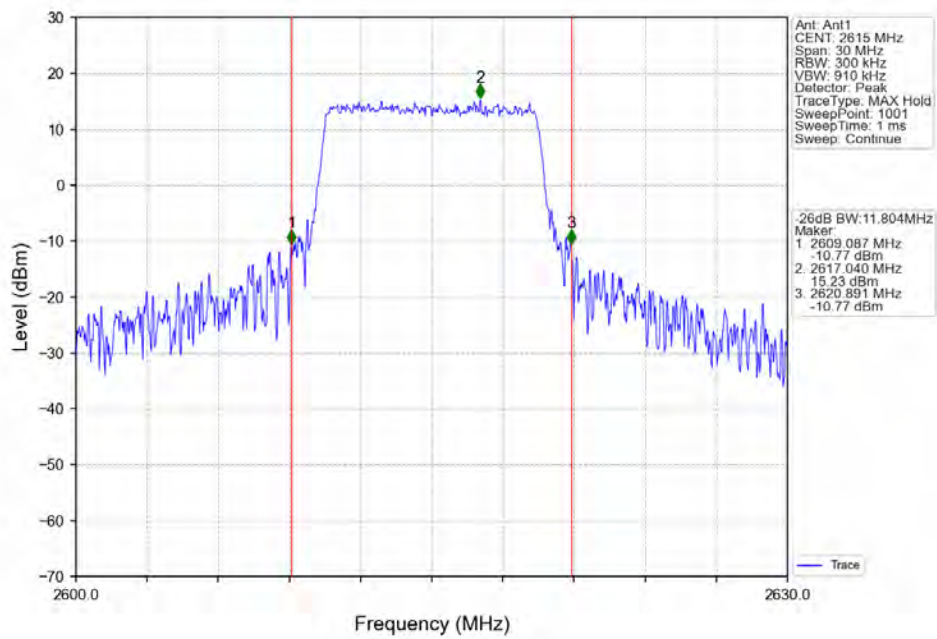
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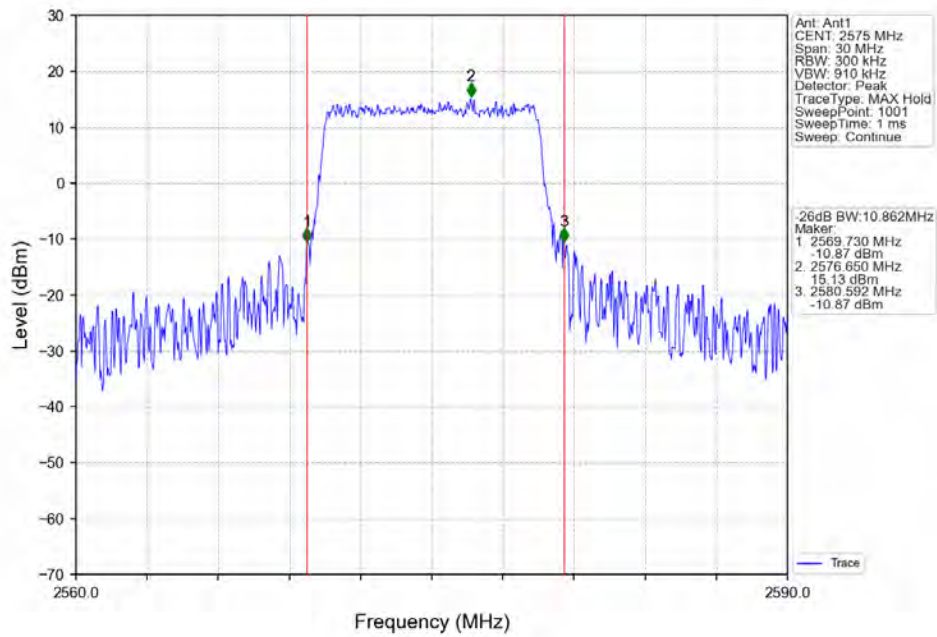
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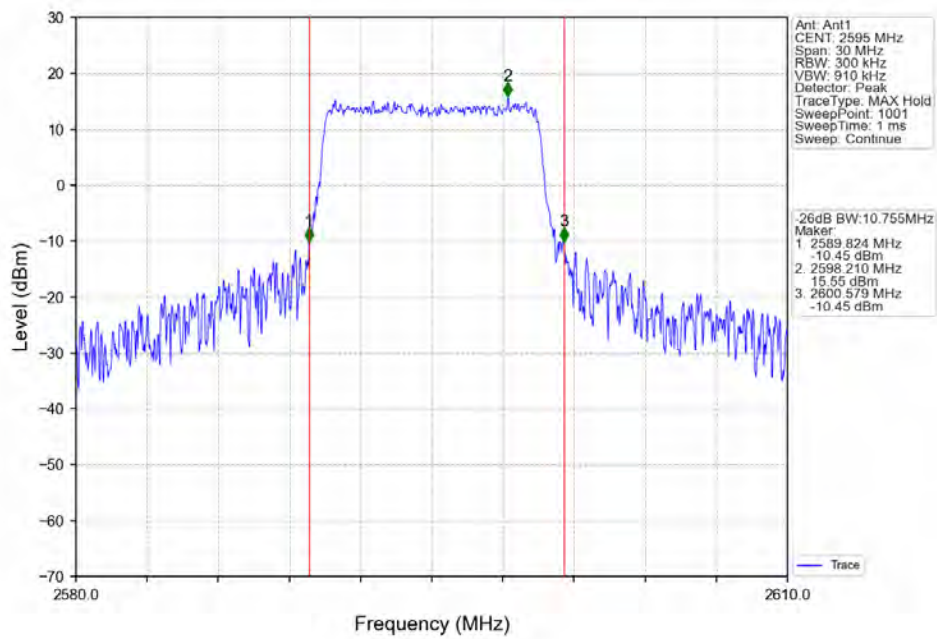
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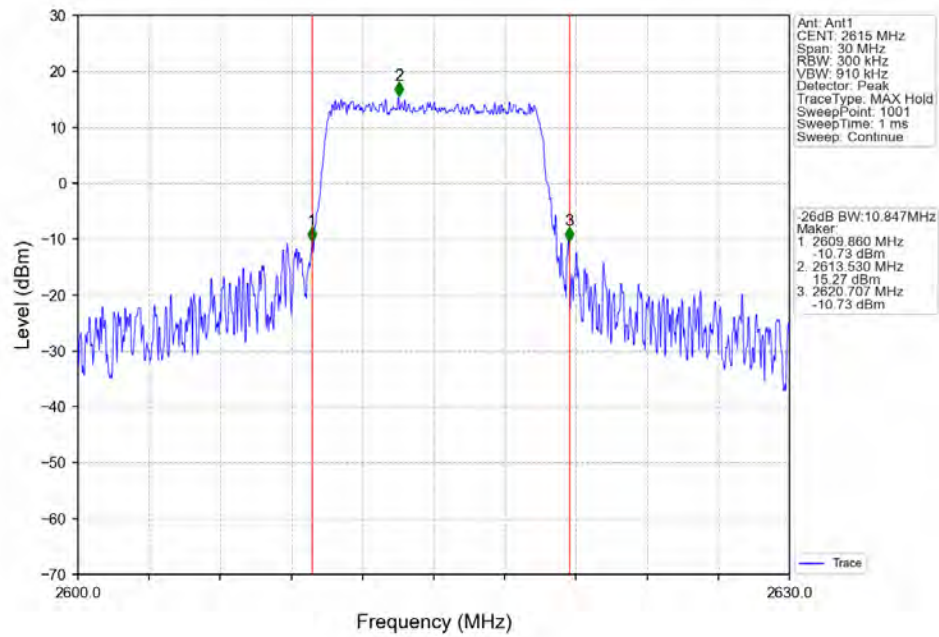
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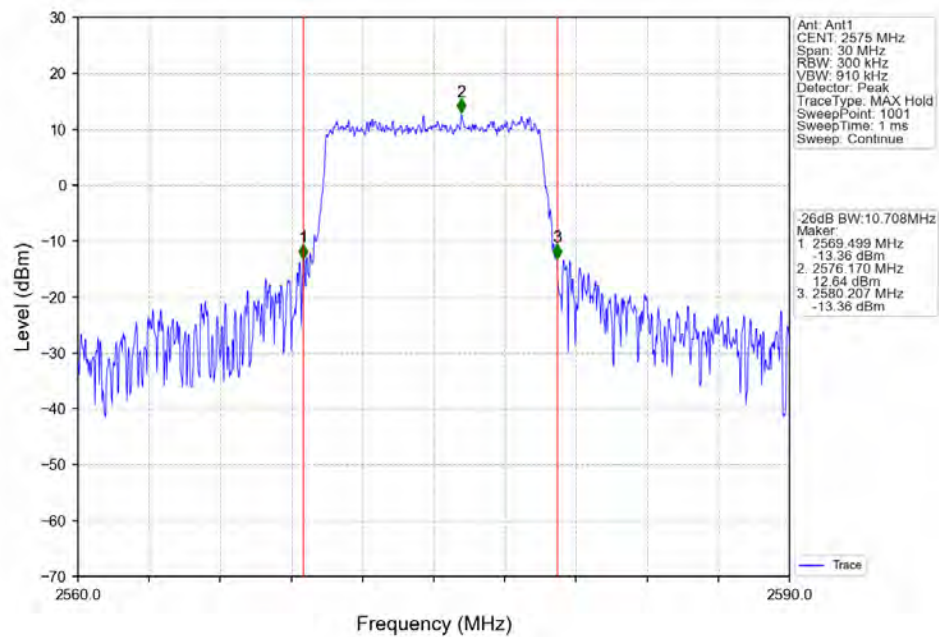
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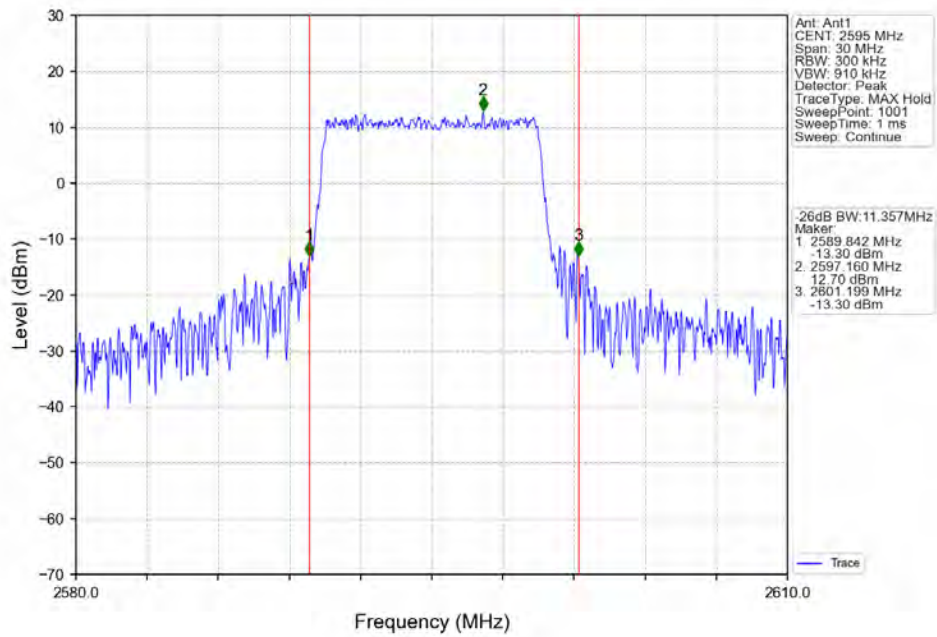
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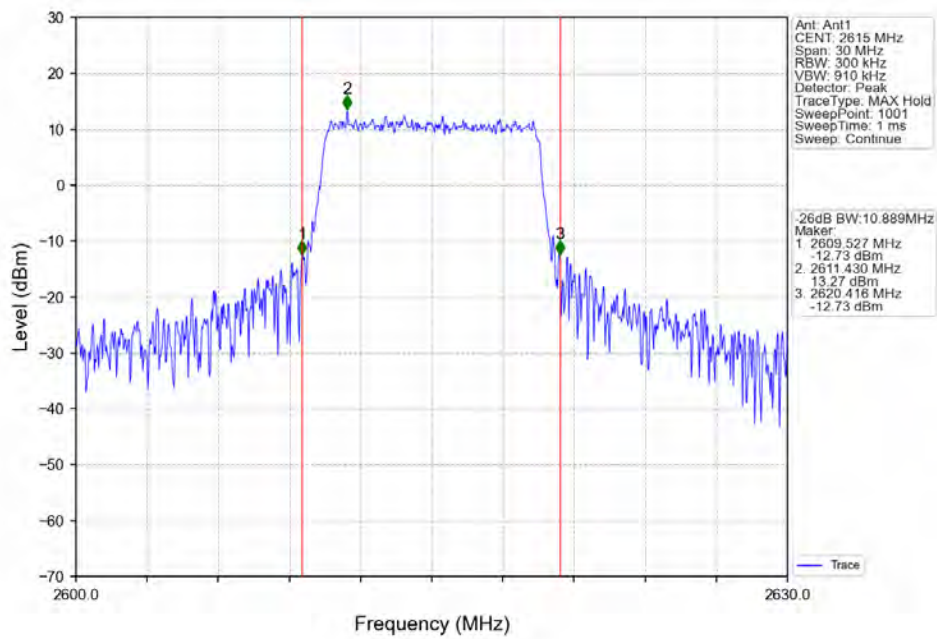
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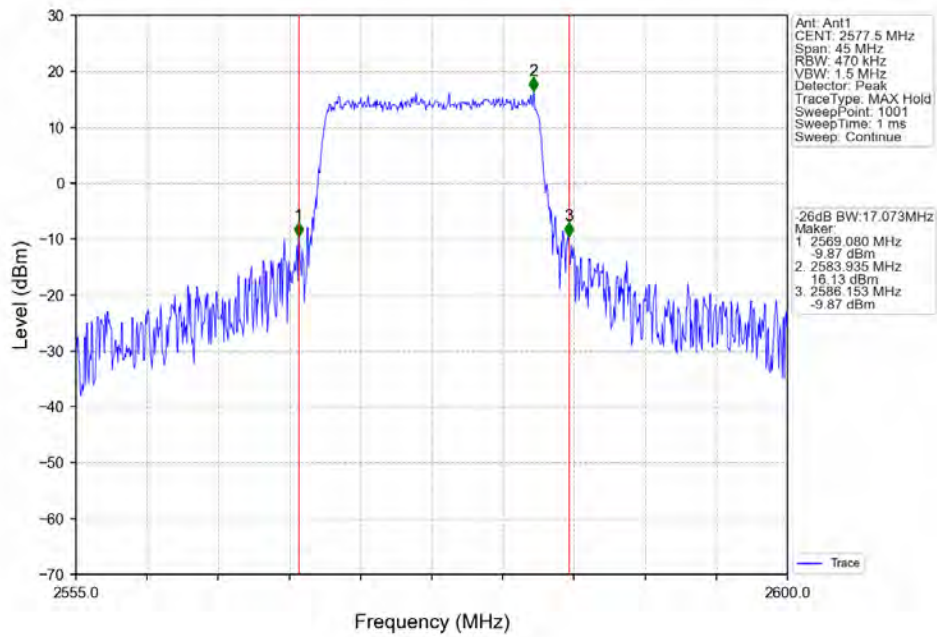
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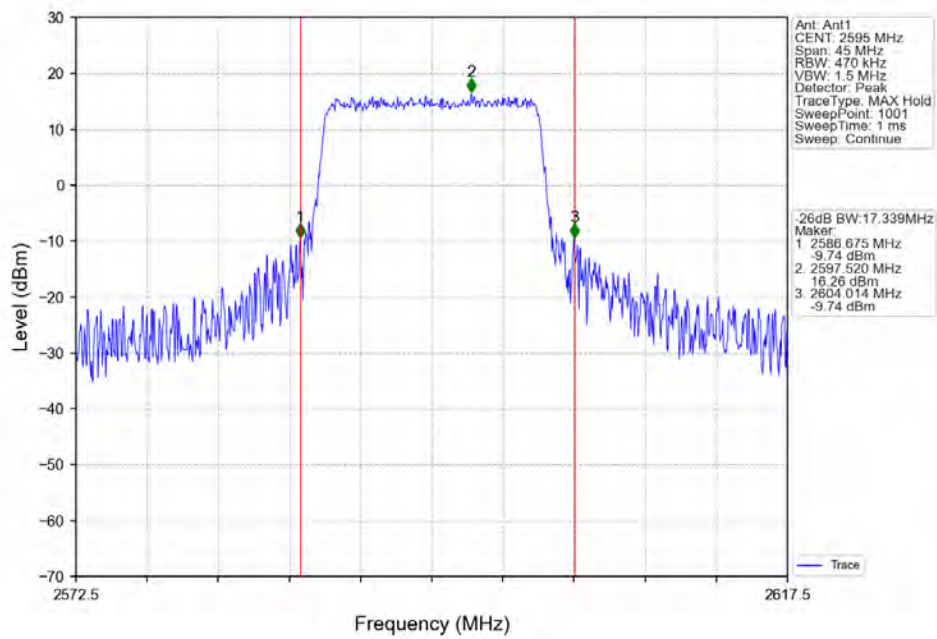
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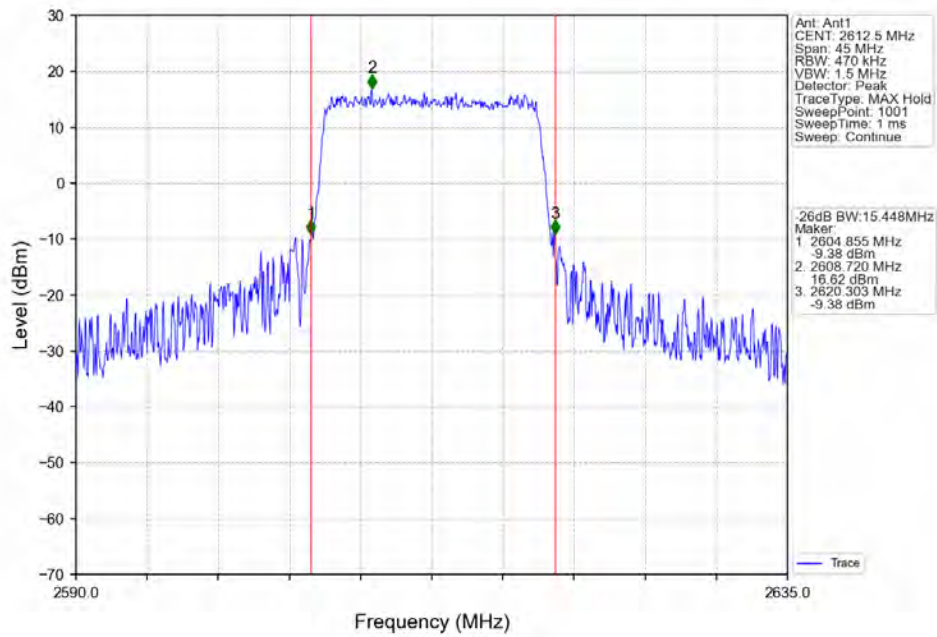
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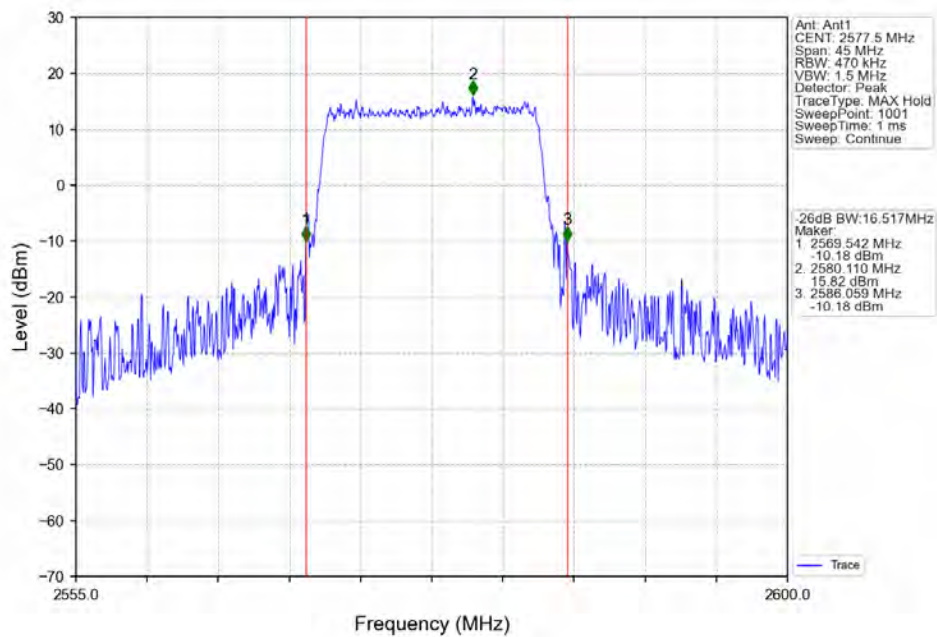
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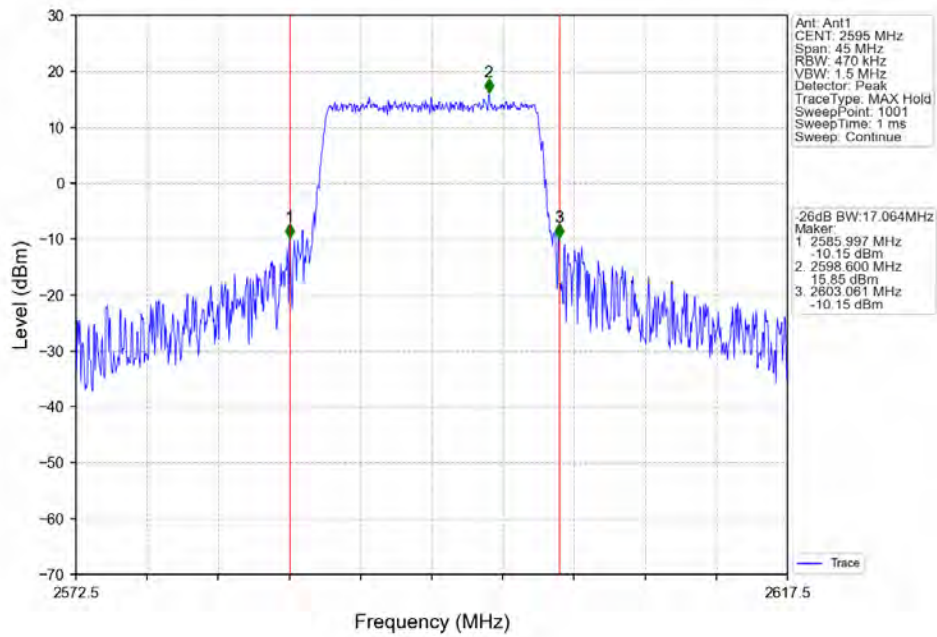
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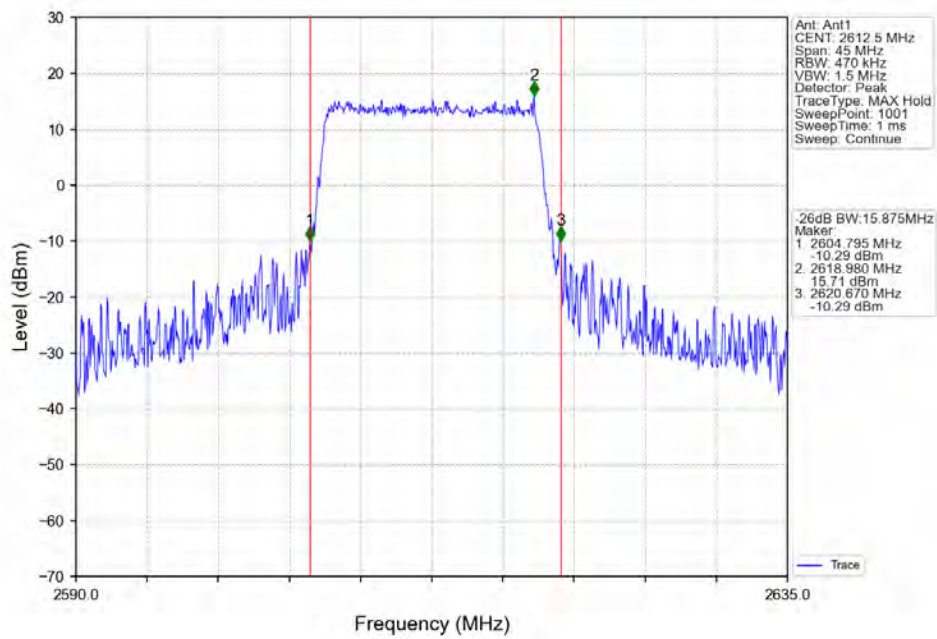
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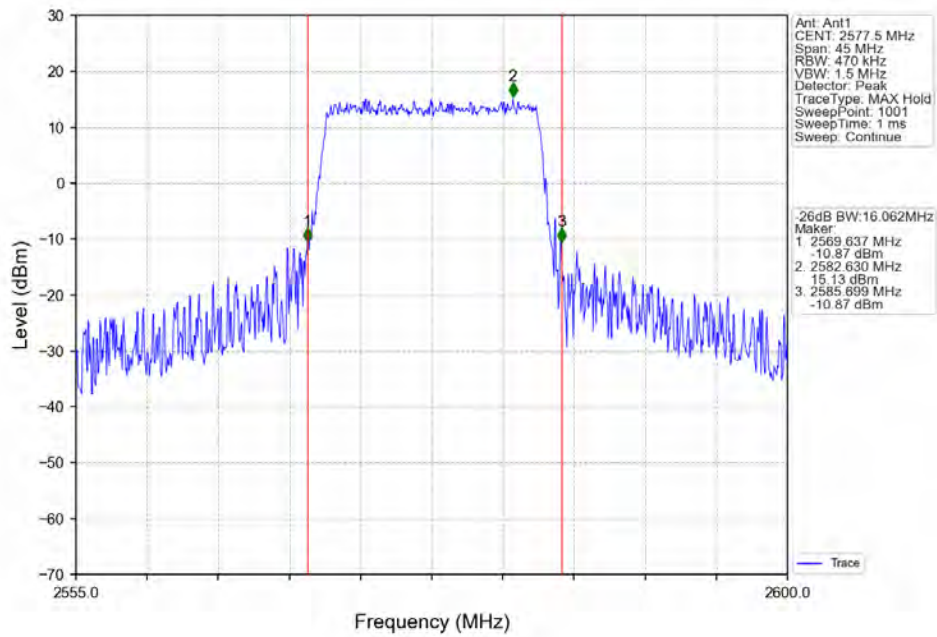
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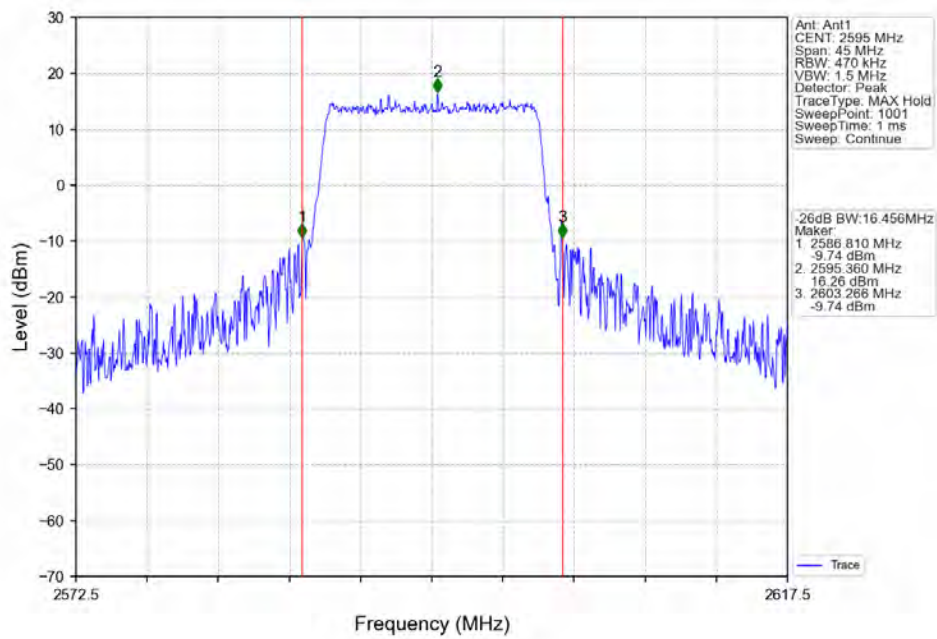
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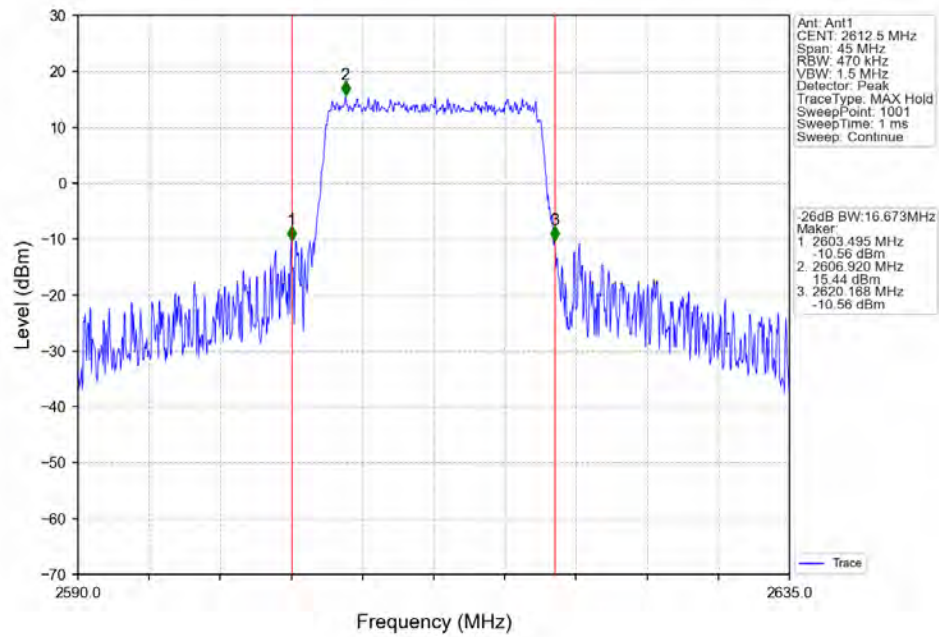
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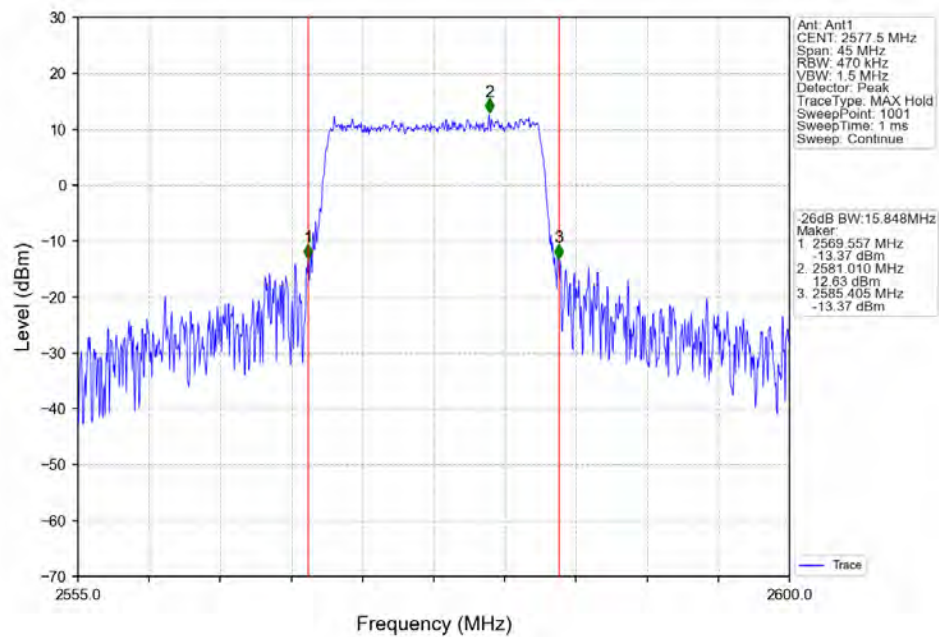
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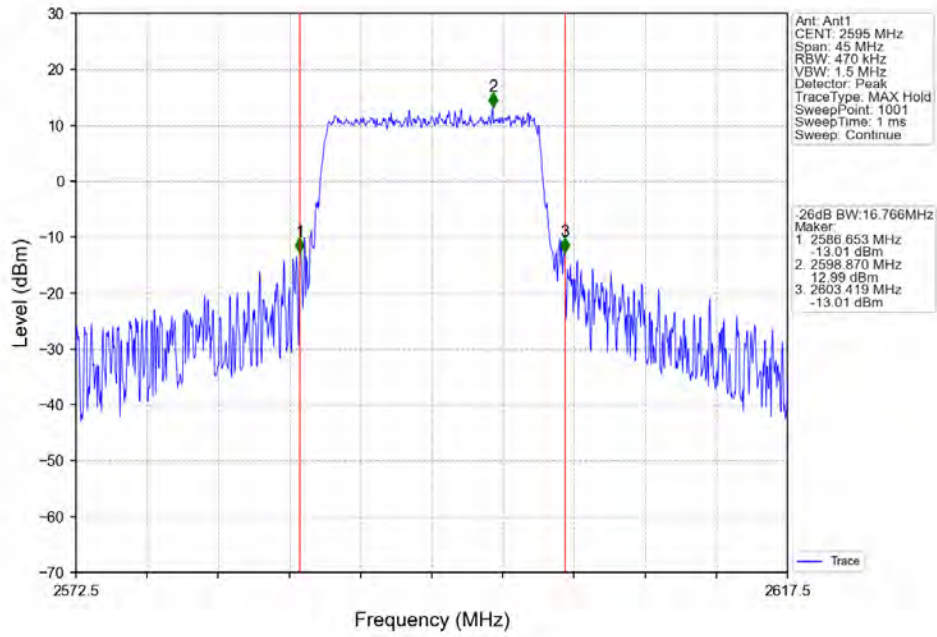
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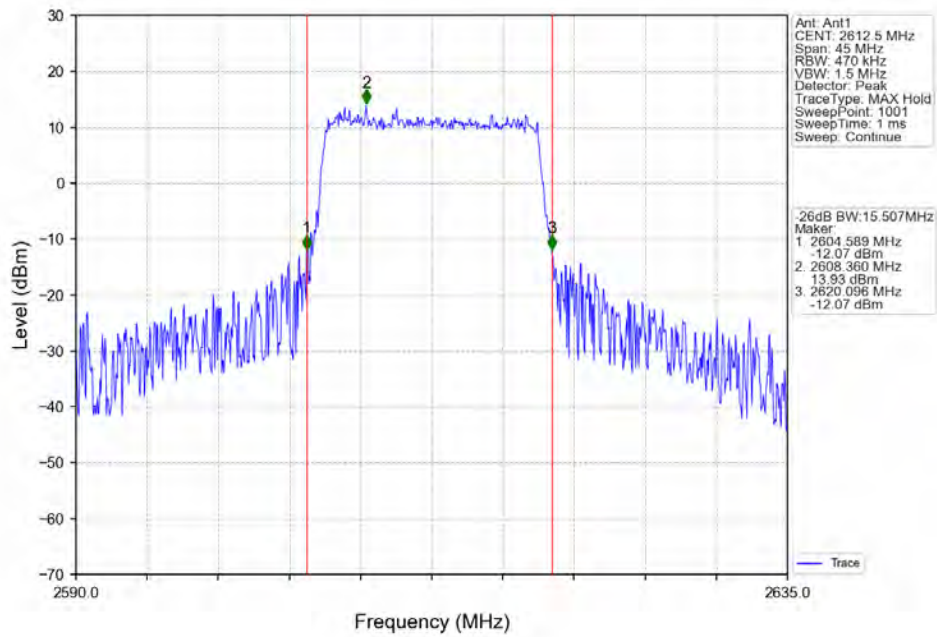
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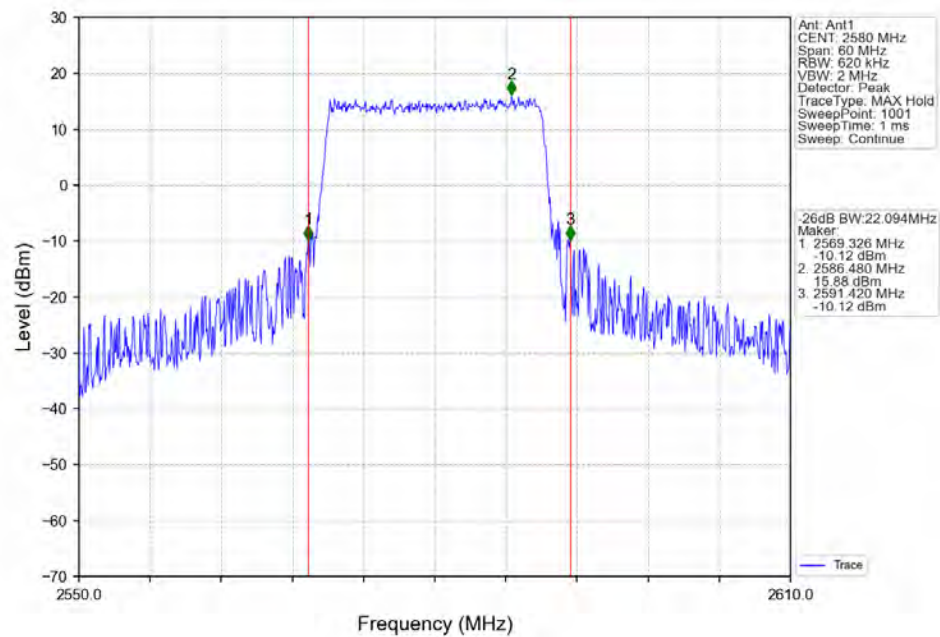
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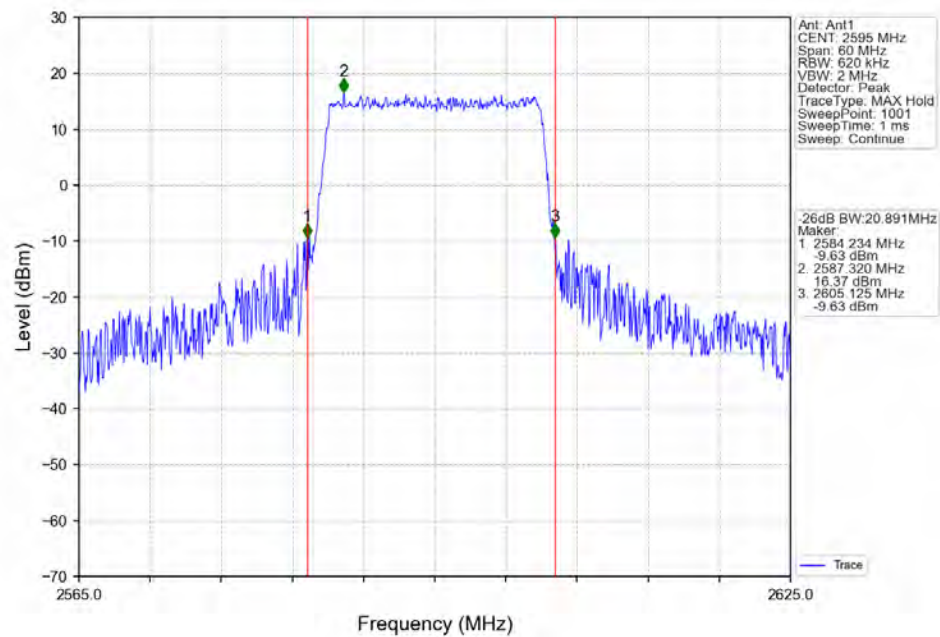
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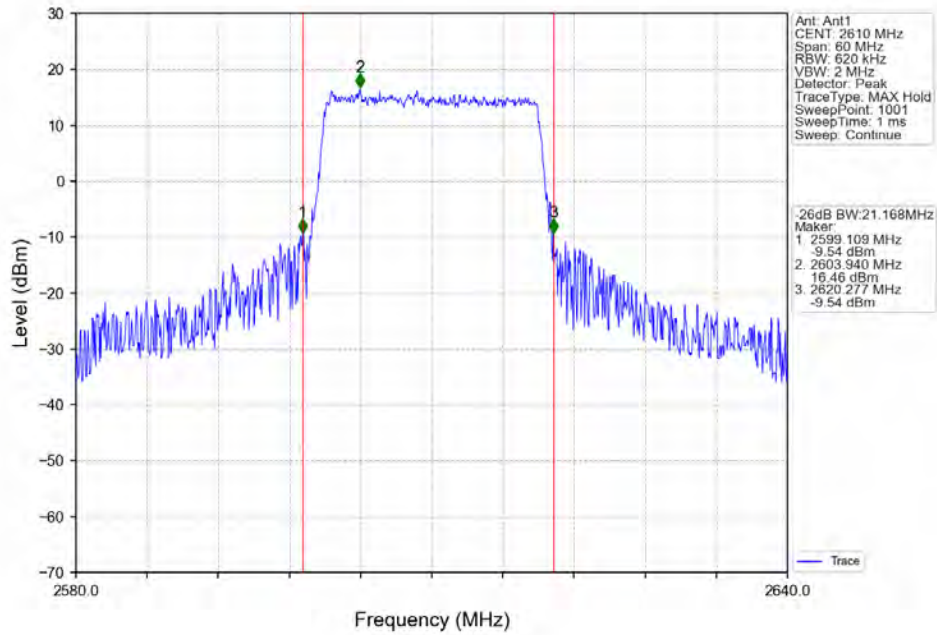
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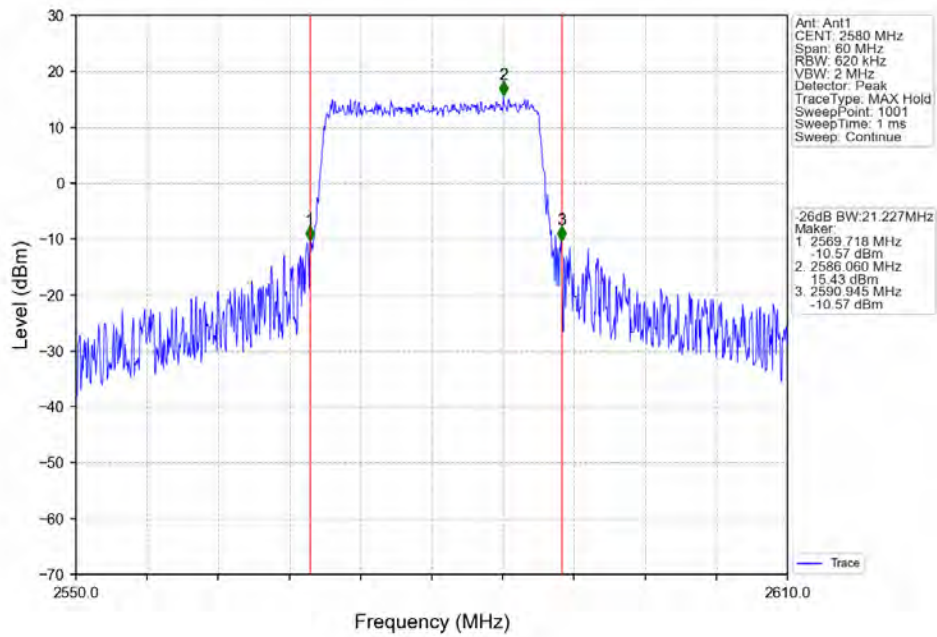
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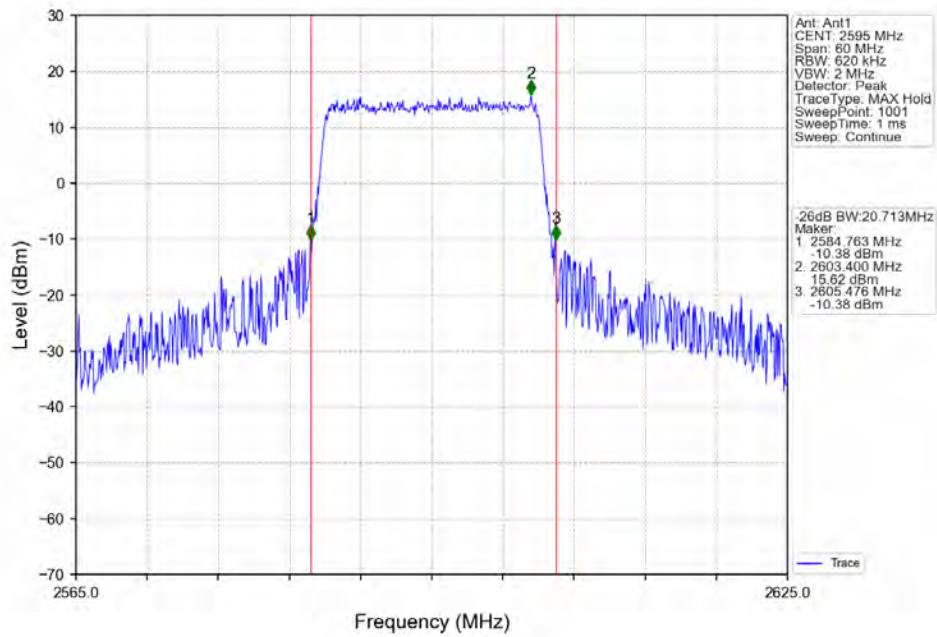
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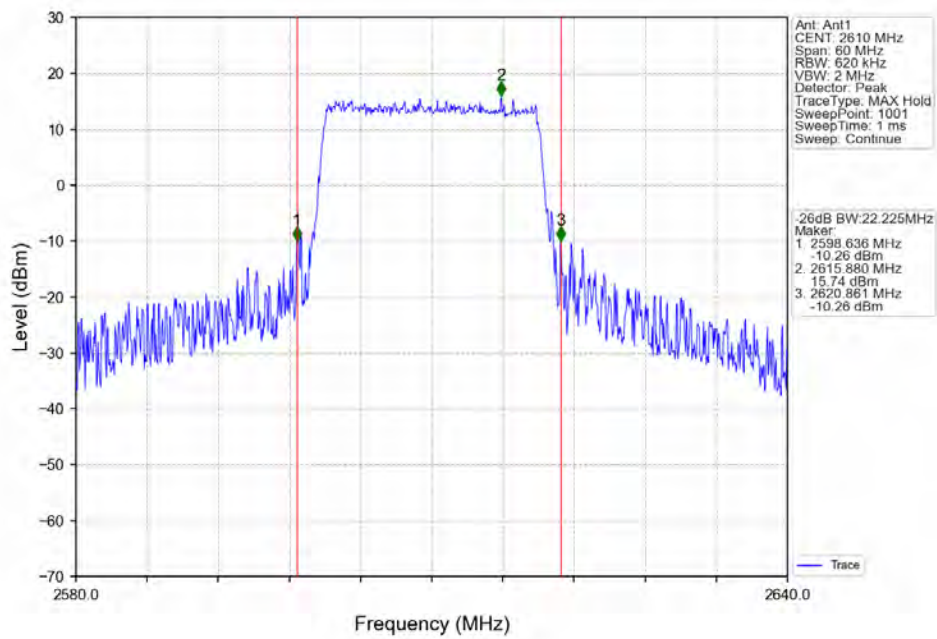
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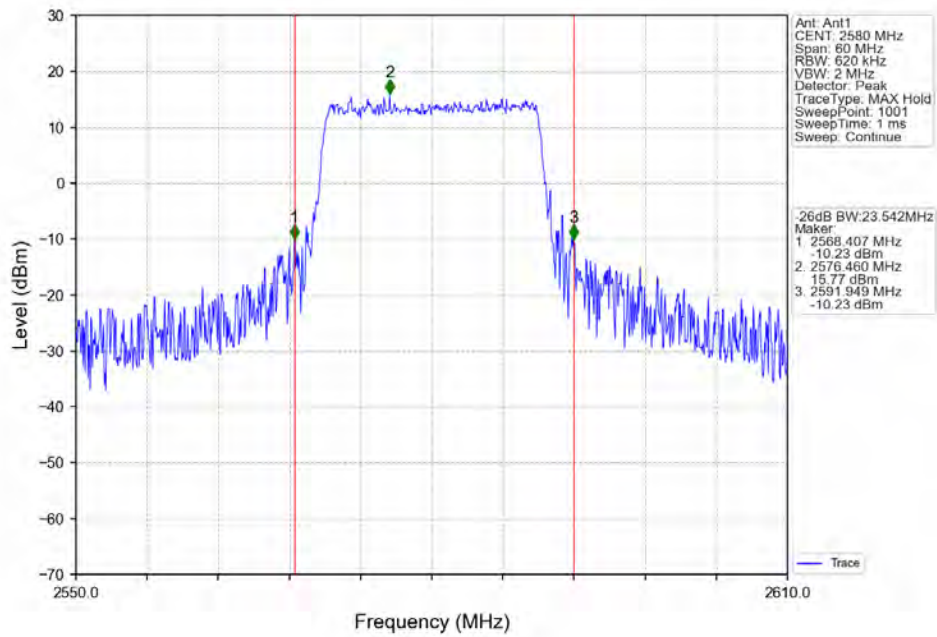
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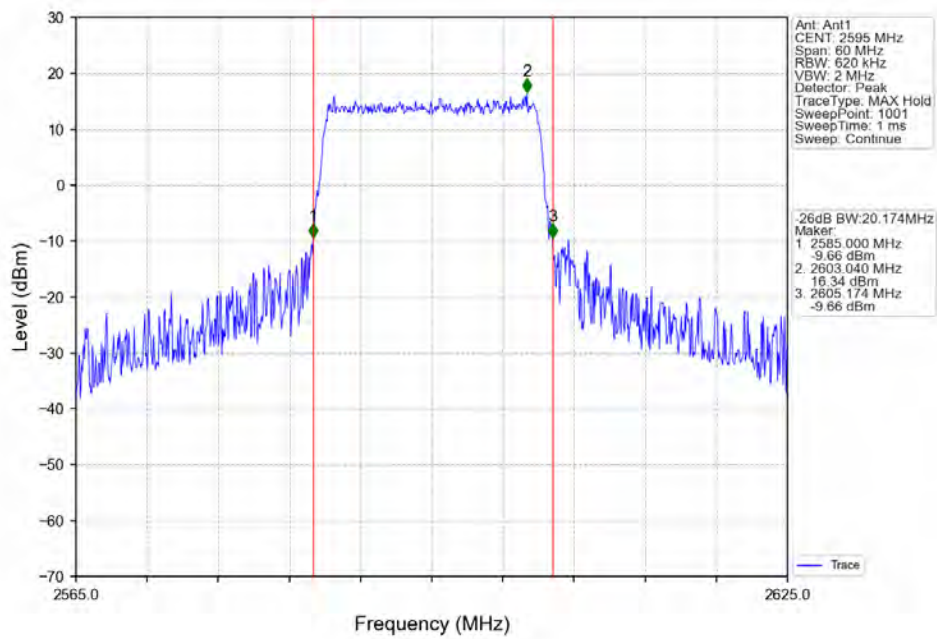
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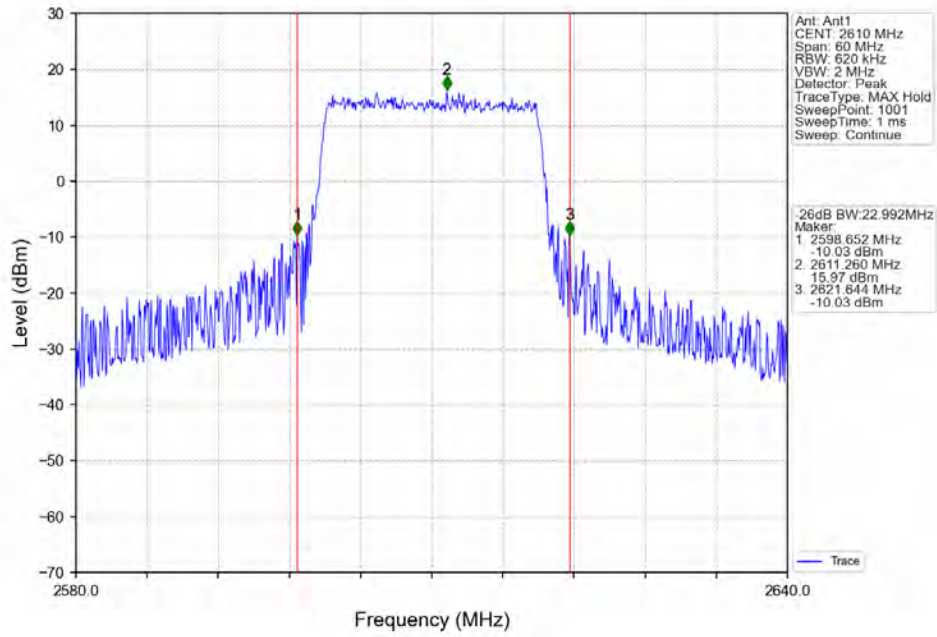
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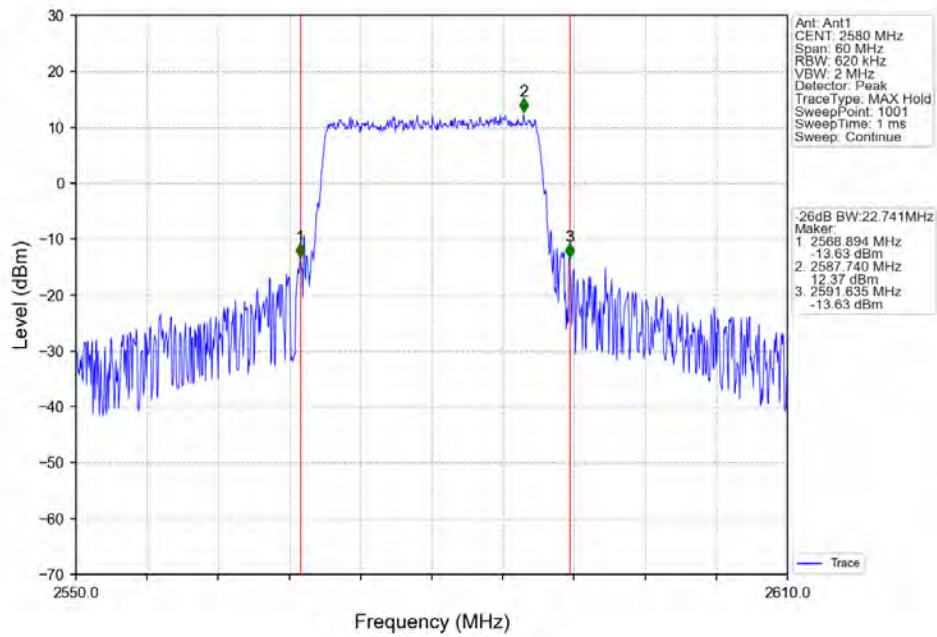
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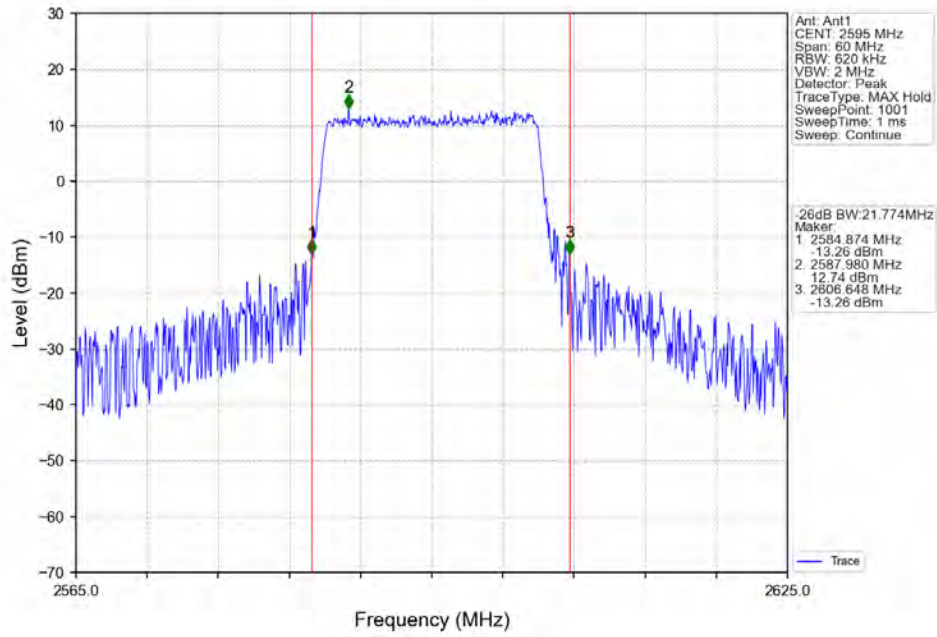
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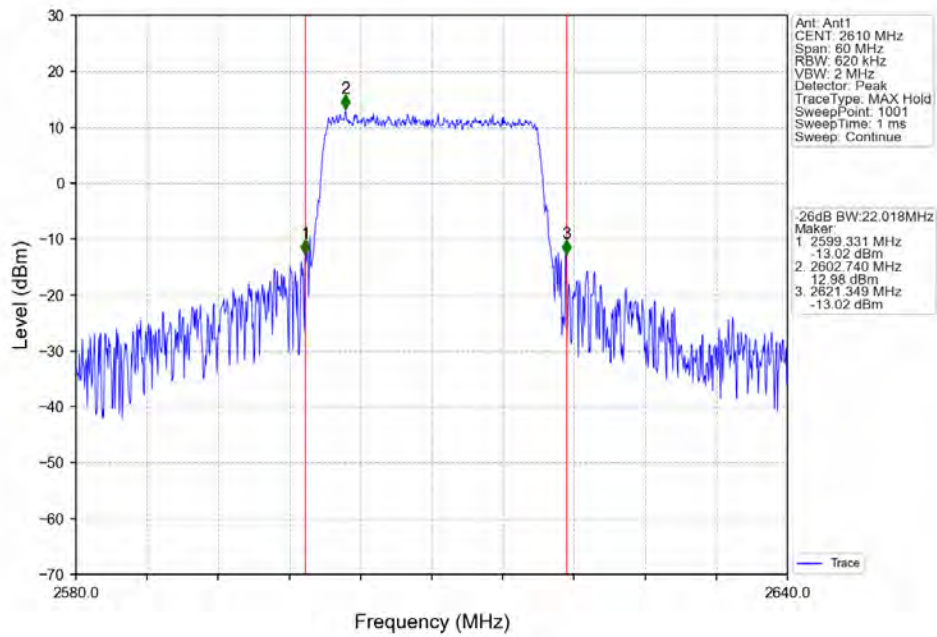
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Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



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



4. Peak-Average Ratio

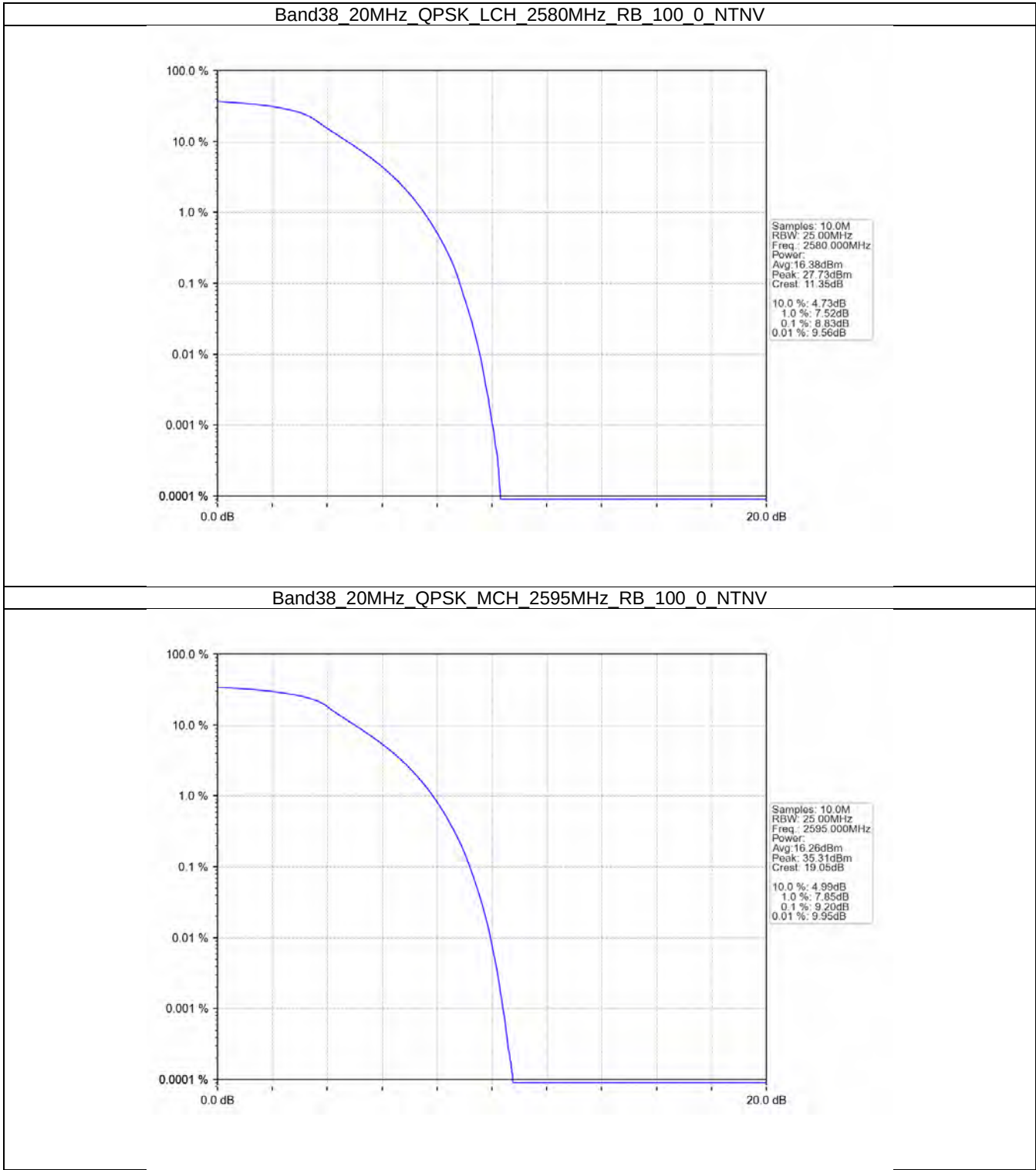
4.1 Test Result

4.1.1 B38_20MHz

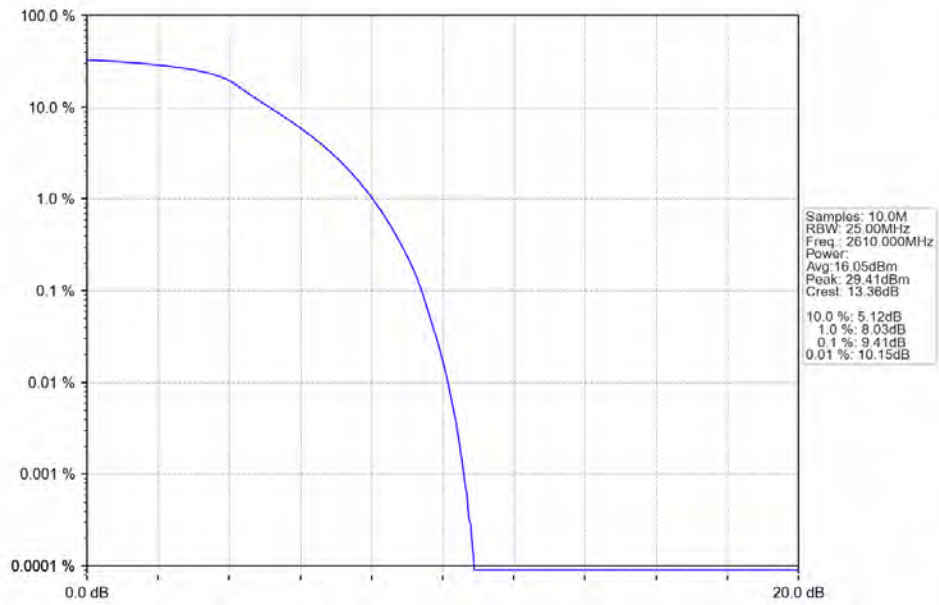
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	8.83	<=13	Pass
	2595	100	0	9.20	<=13	Pass
	2610	100	0	9.41	<=13	Pass
16QAM	2580	100	0	9.62	<=13	Pass
	2595	100	0	10.04	<=13	Pass
	2610	100	0	9.76	<=13	Pass
64QAM	2580	100	0	10.01	<=13	Pass
	2595	100	0	9.19	<=13	Pass
	2610	100	0	9.31	<=13	Pass
256QAM	2580	100	0	9.59	<=13	Pass
	2595	100	0	10.11	<=13	Pass
	2610	100	0	10.69	<=13	Pass

4.2 Test Graph

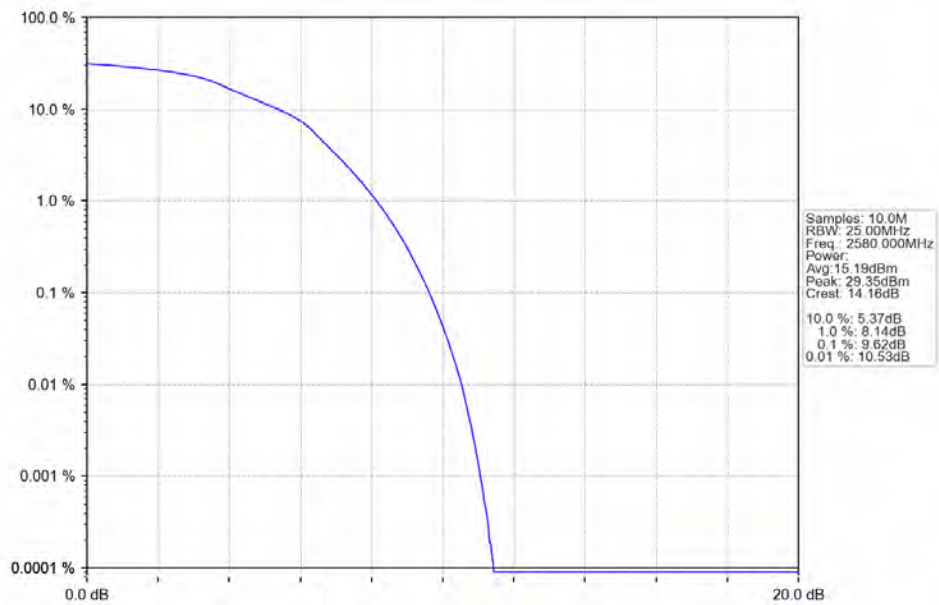
4.2.1 B38_20MHz



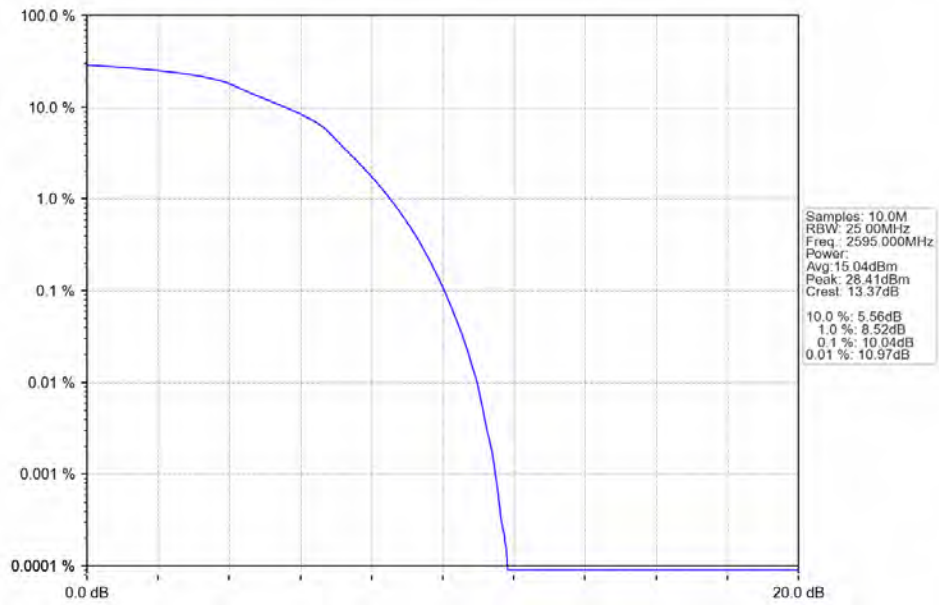
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



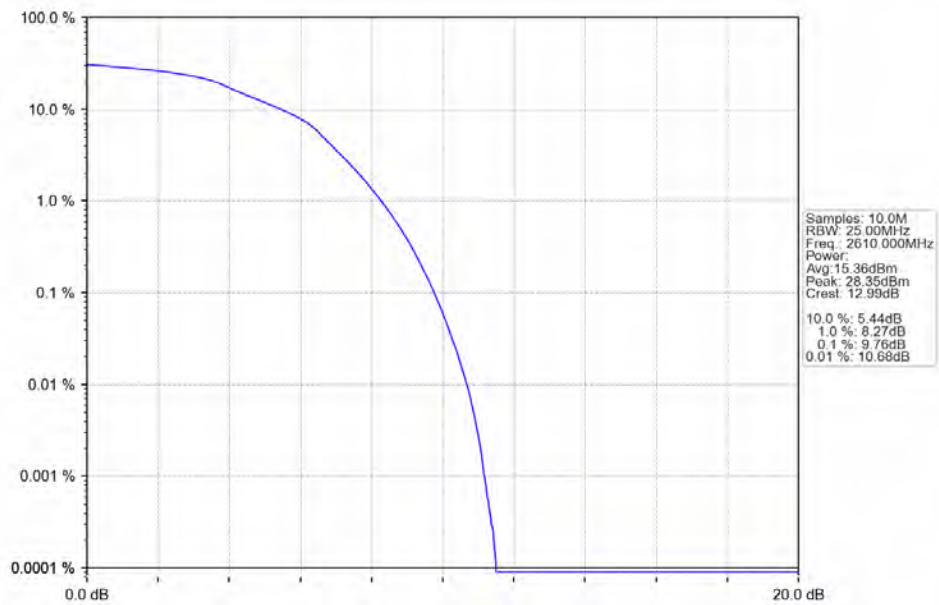
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



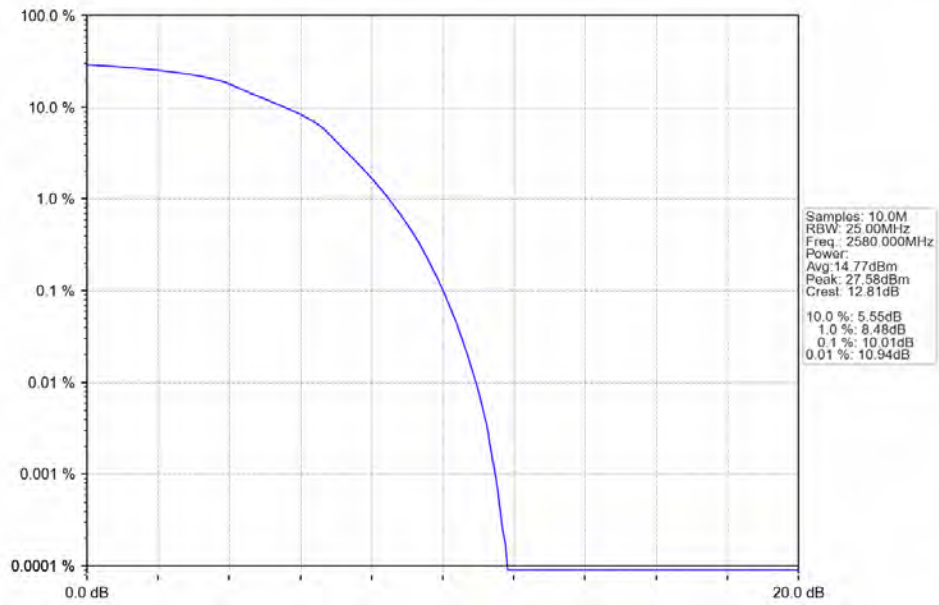
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



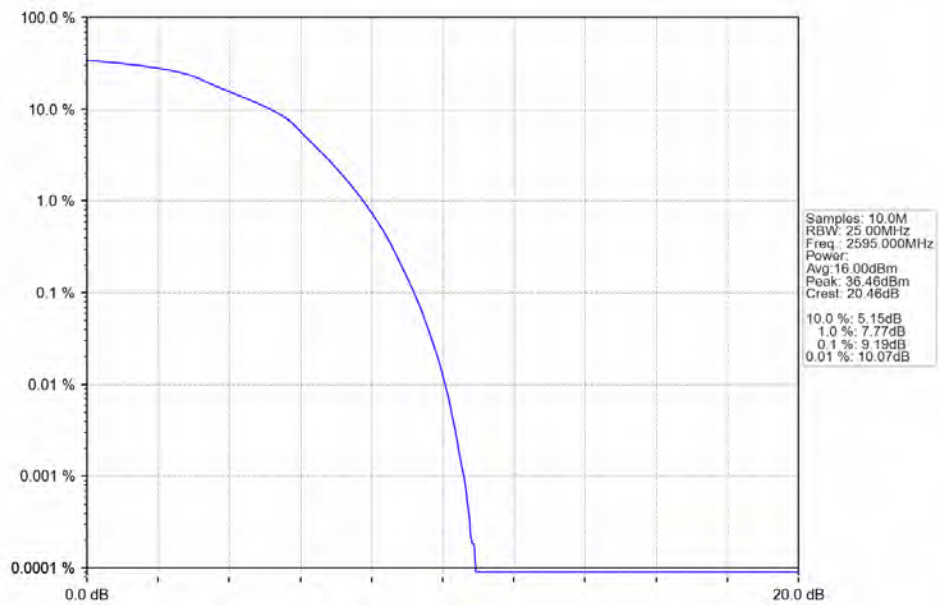
Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV



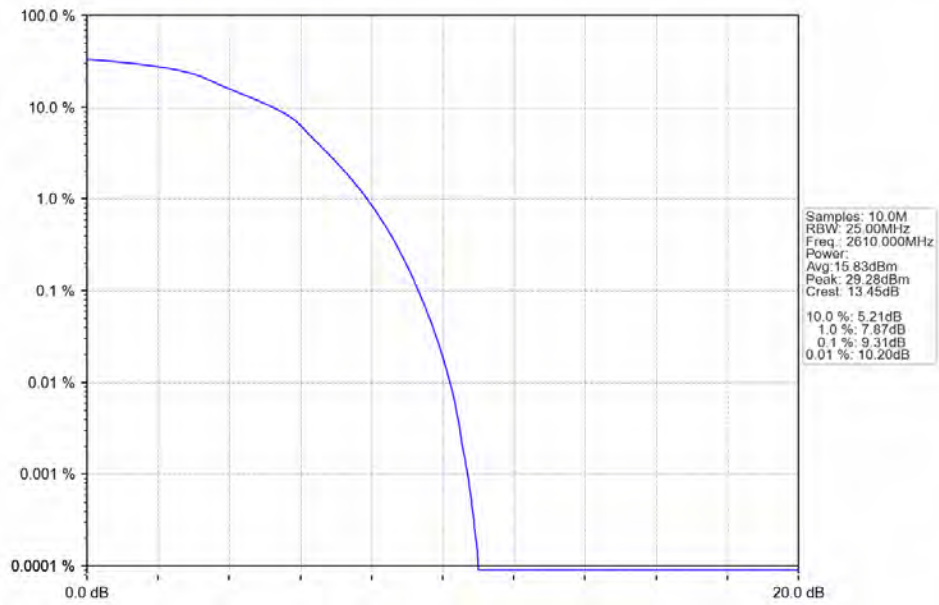
Band38 20MHz 64QAM LCH 2580MHz RB 100 0 NTNV



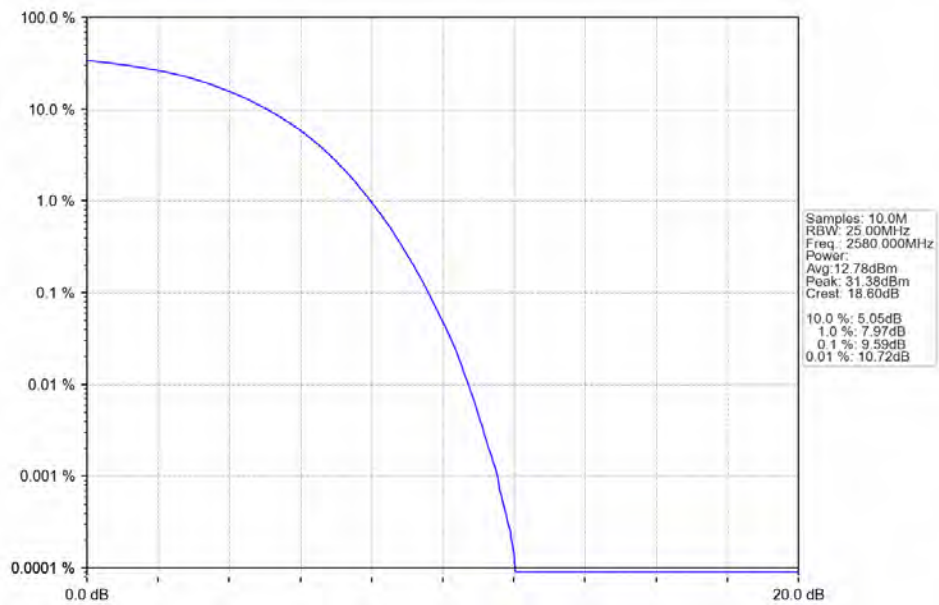
Band38 20MHz 64QAM MCH 2595MHz RB 100 0 NTNV



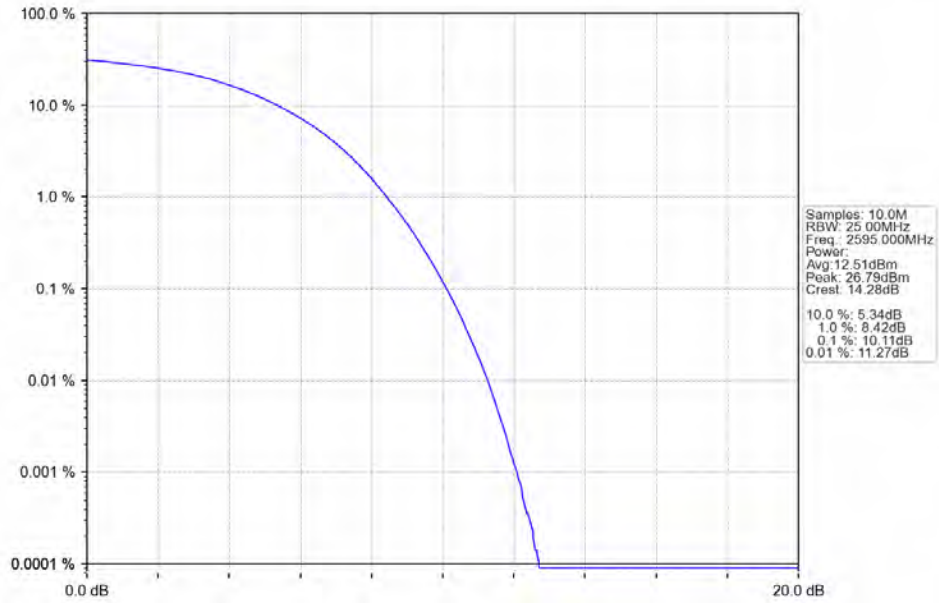
Band38 20MHz 64QAM HCH 2610MHz RB 100 0 NTNV



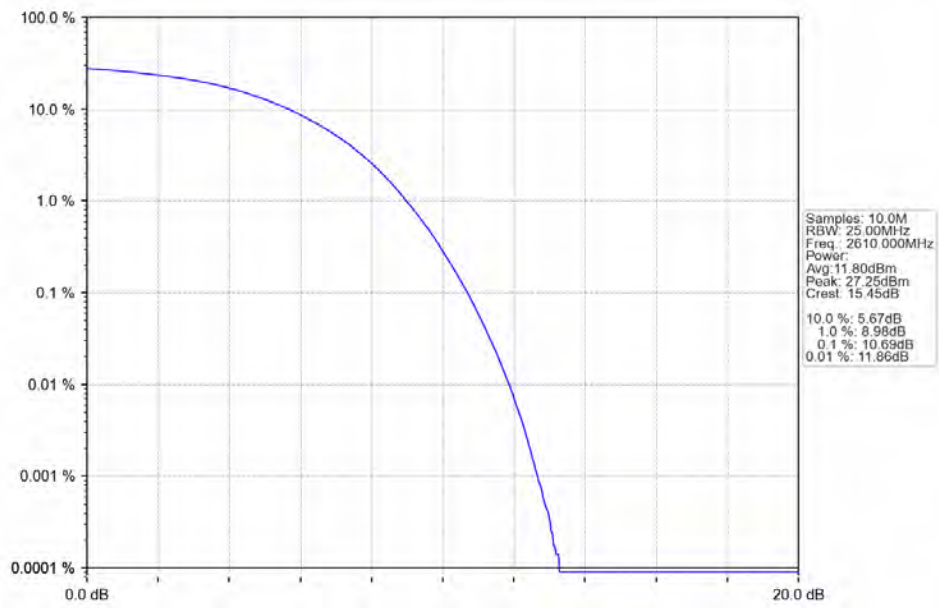
Band38 20MHz 256QAM LCH 2580MHz RB 100 0 NTNV



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



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



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B38_5MHz

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		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTVN						
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

5.1.3 B38_15MHz

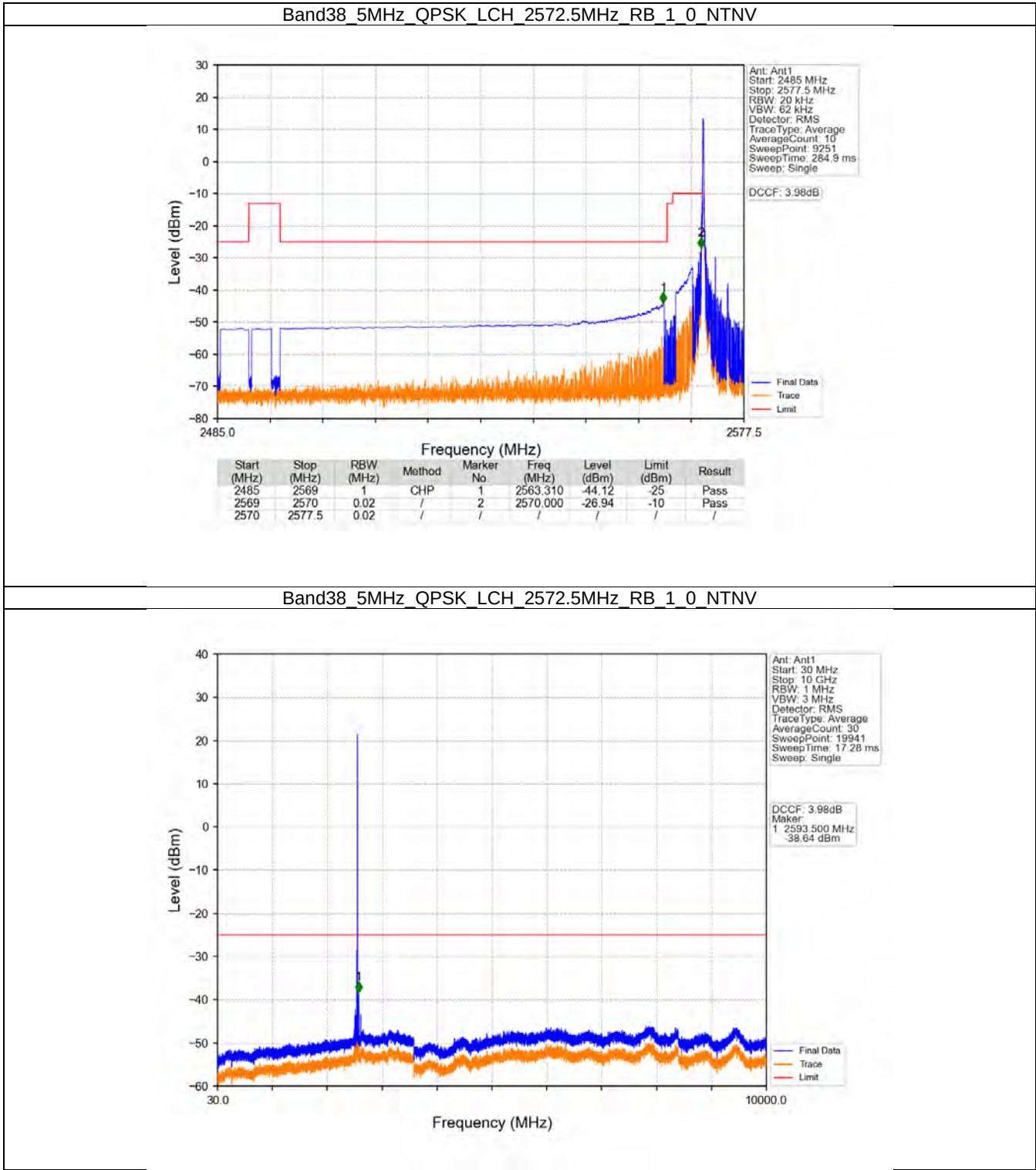
Band: 38 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

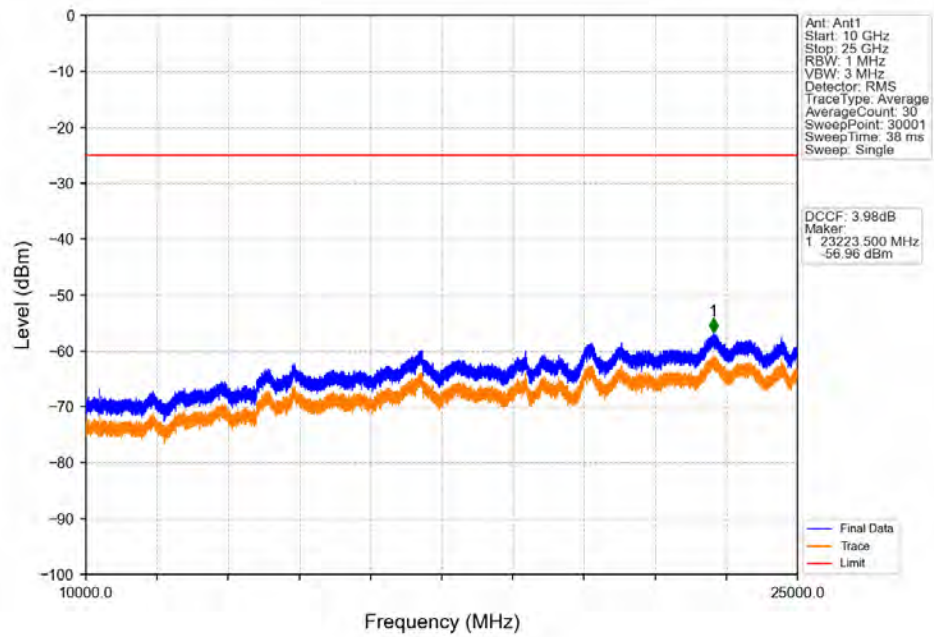
Band: 38 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

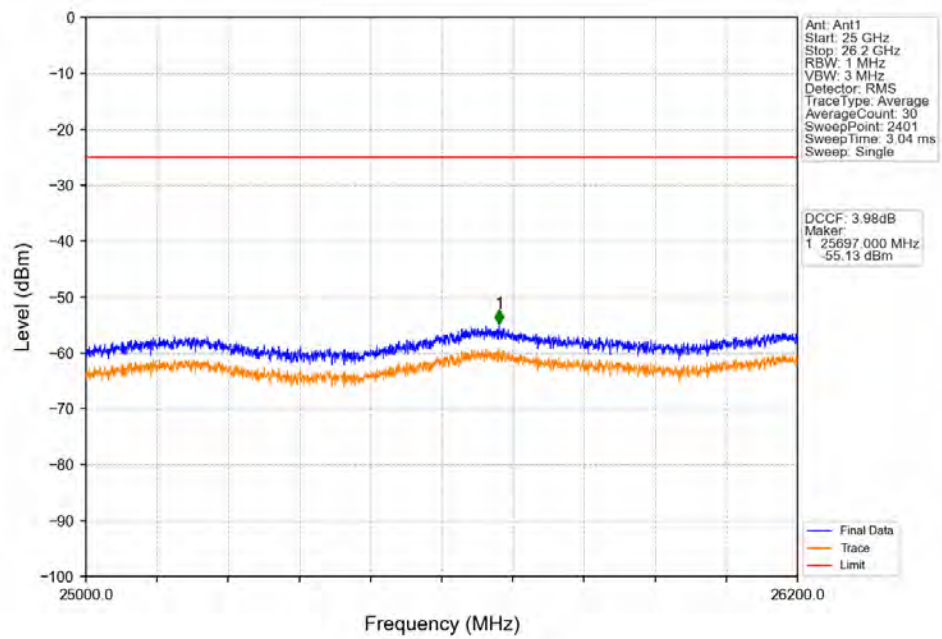
5.2.1 B38_5MHz



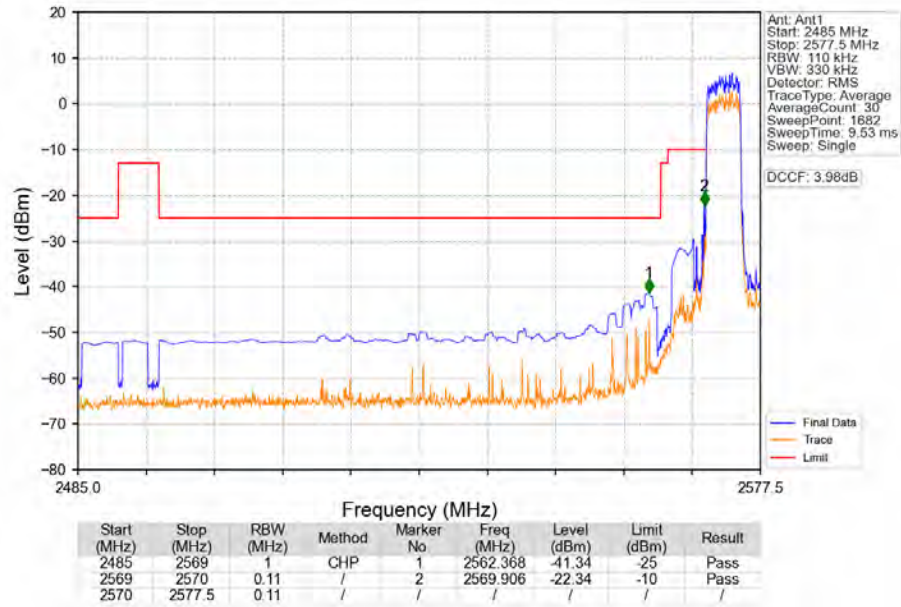
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



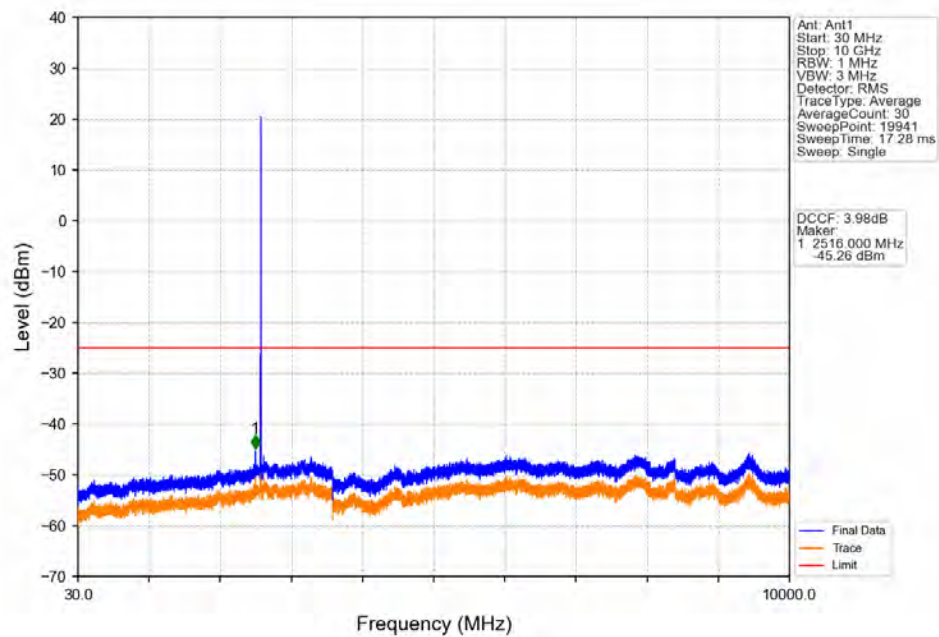
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



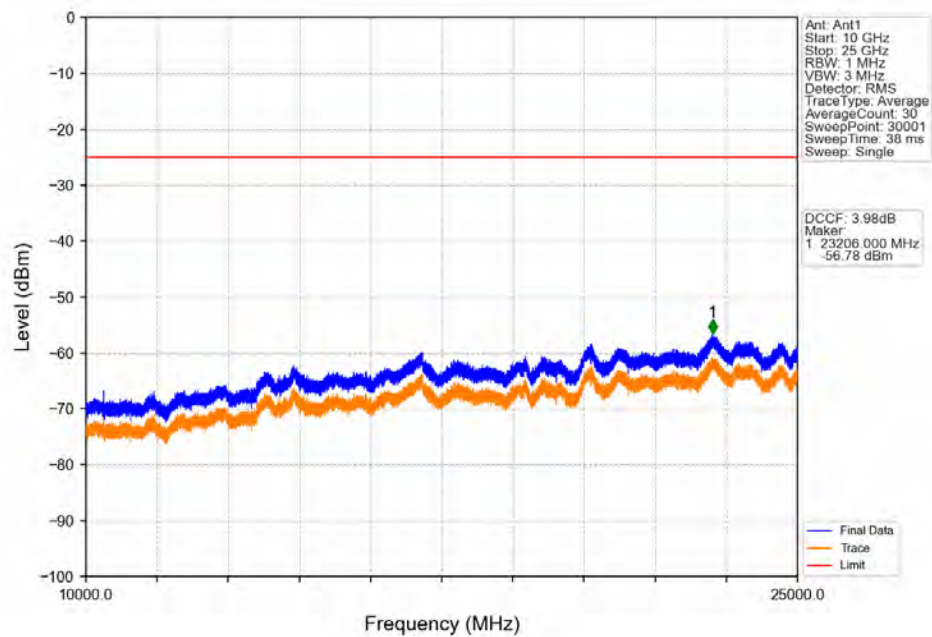
Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV



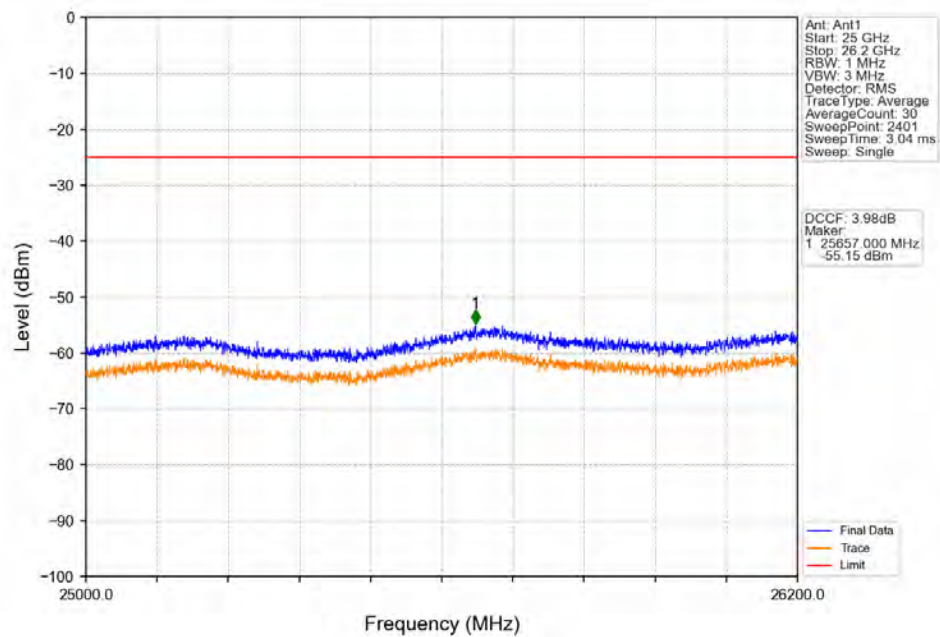
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



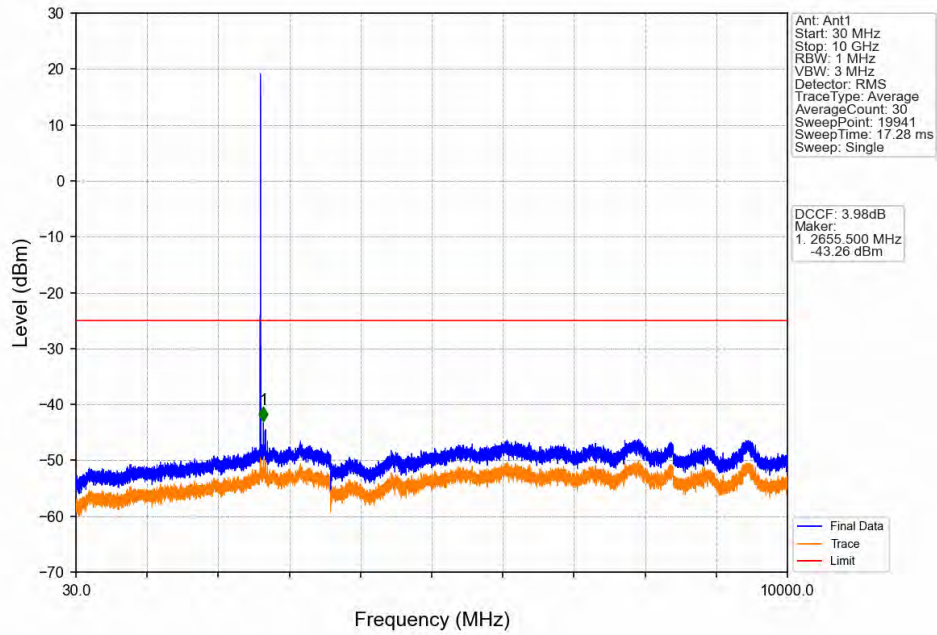
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



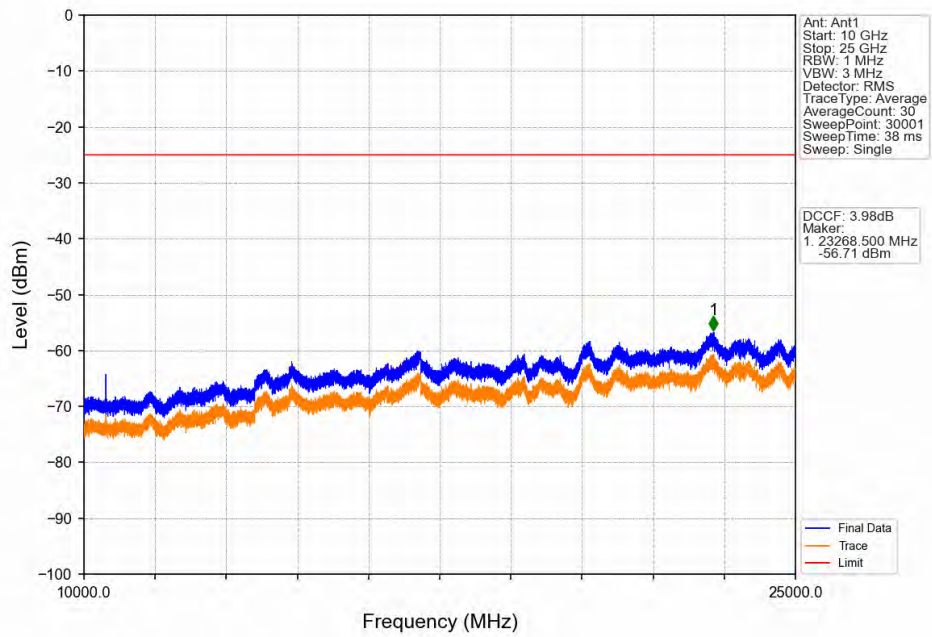
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



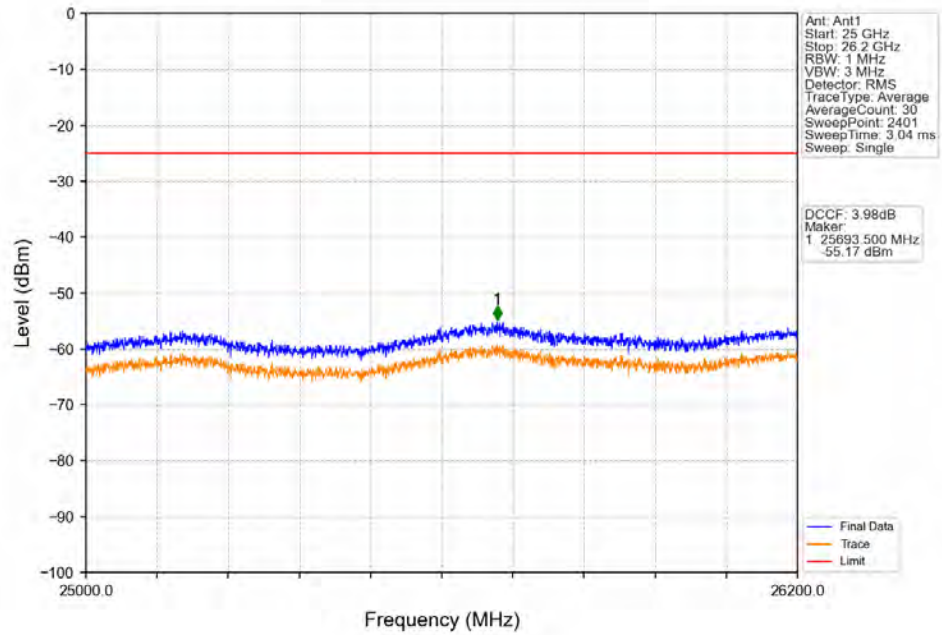
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



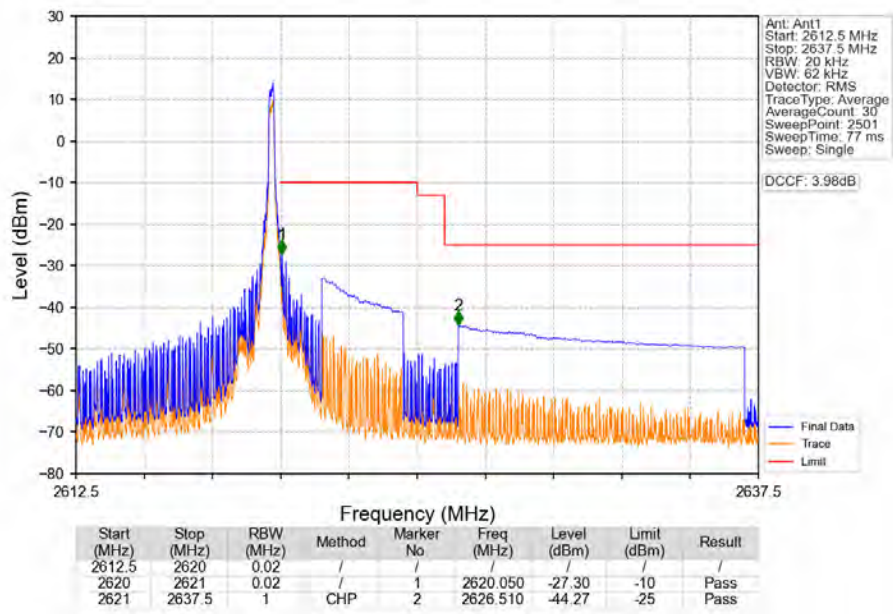
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV

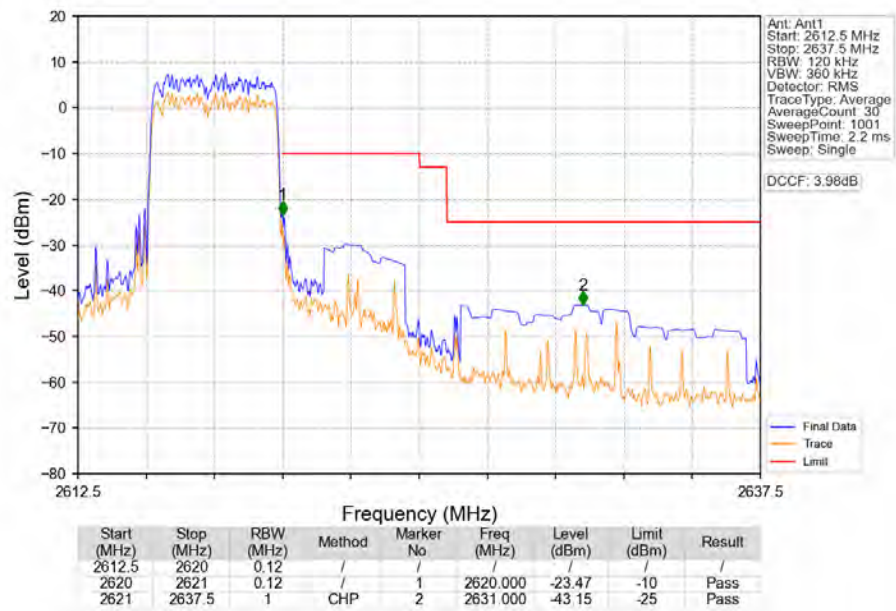


Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

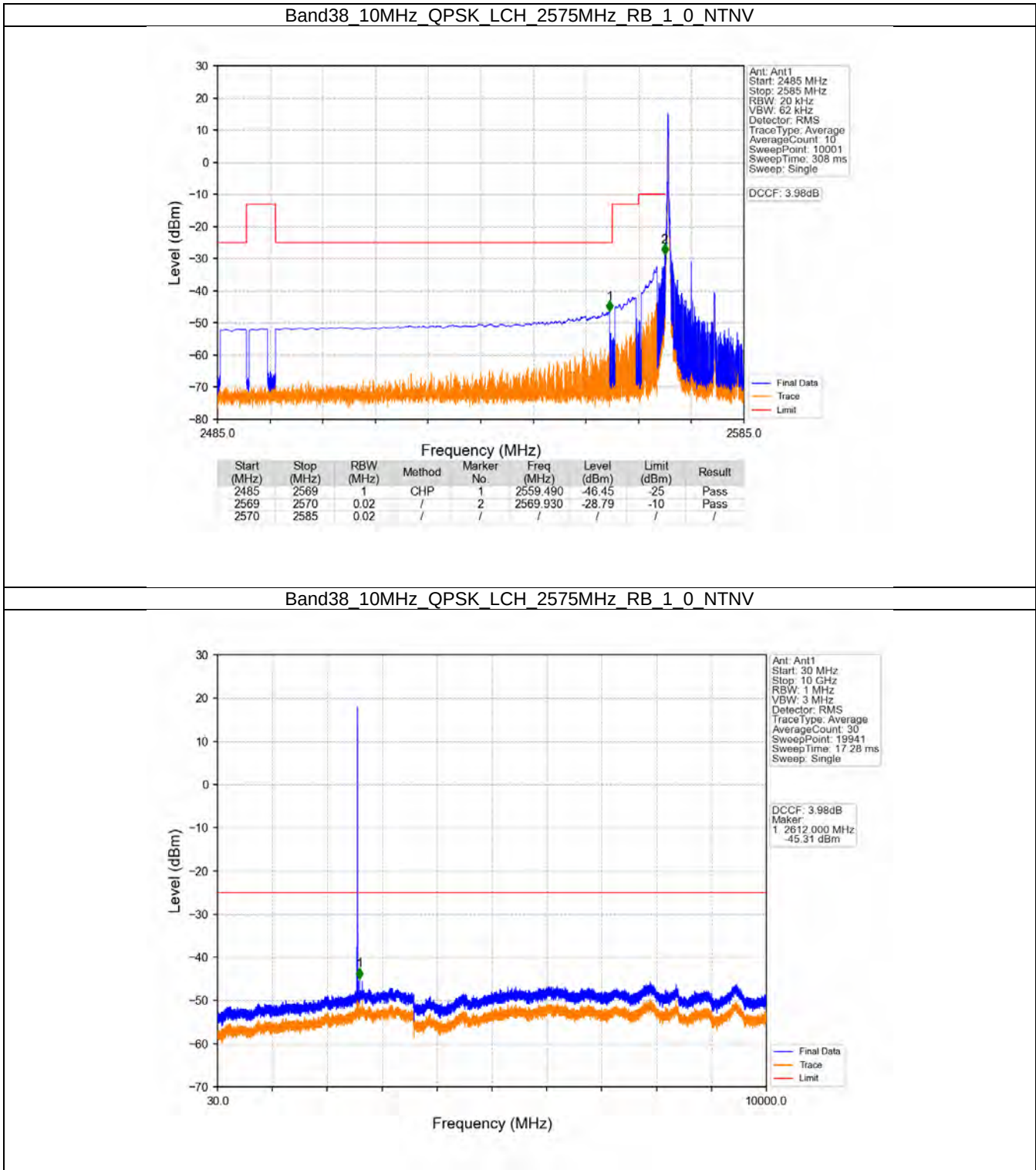


Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTV

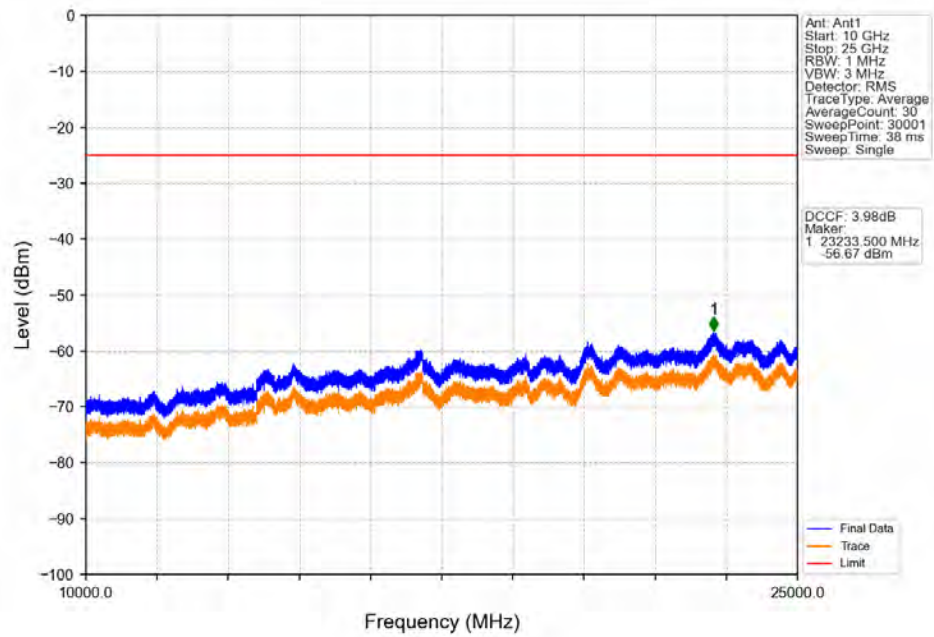




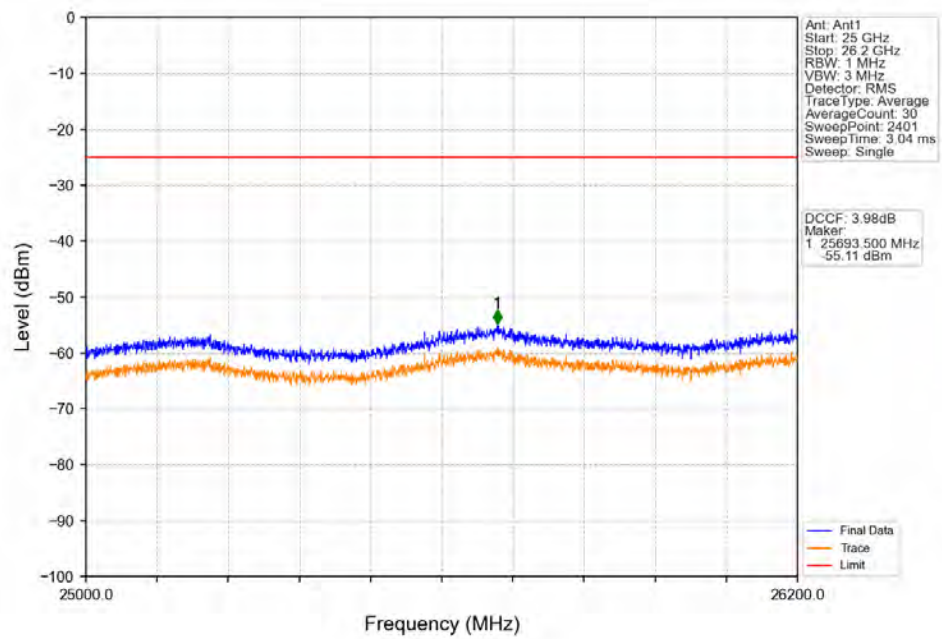
5.2.2 B38_10MHz



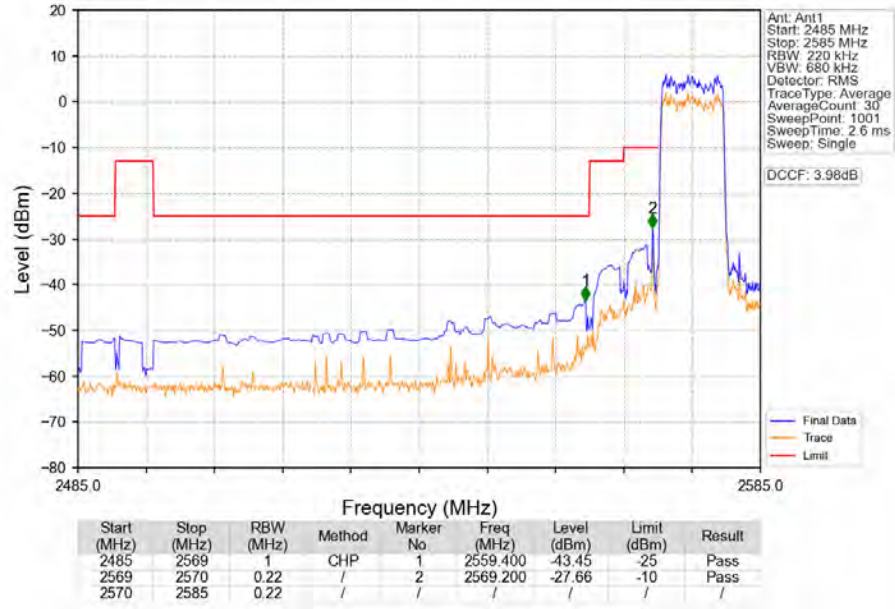
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



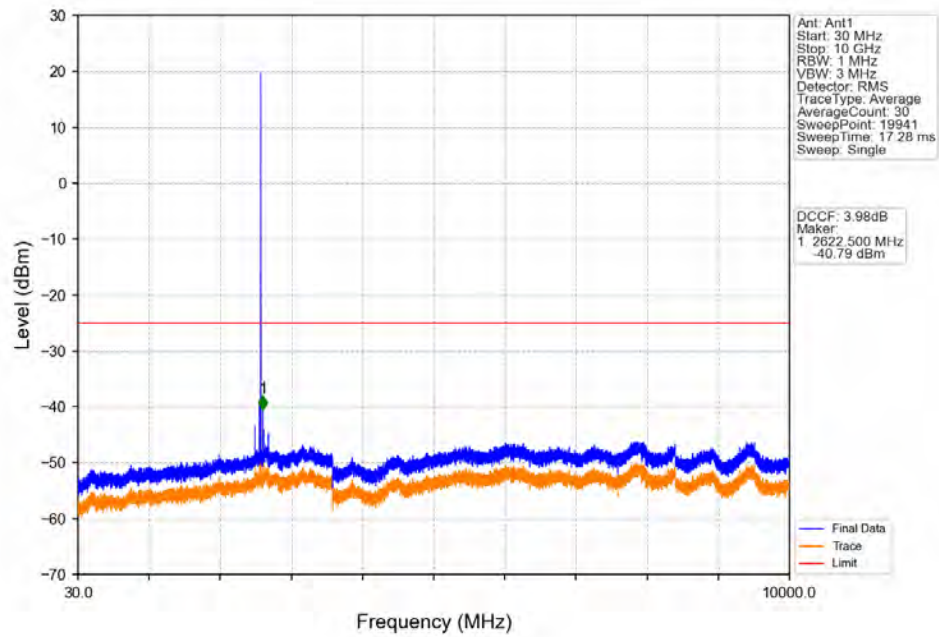
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



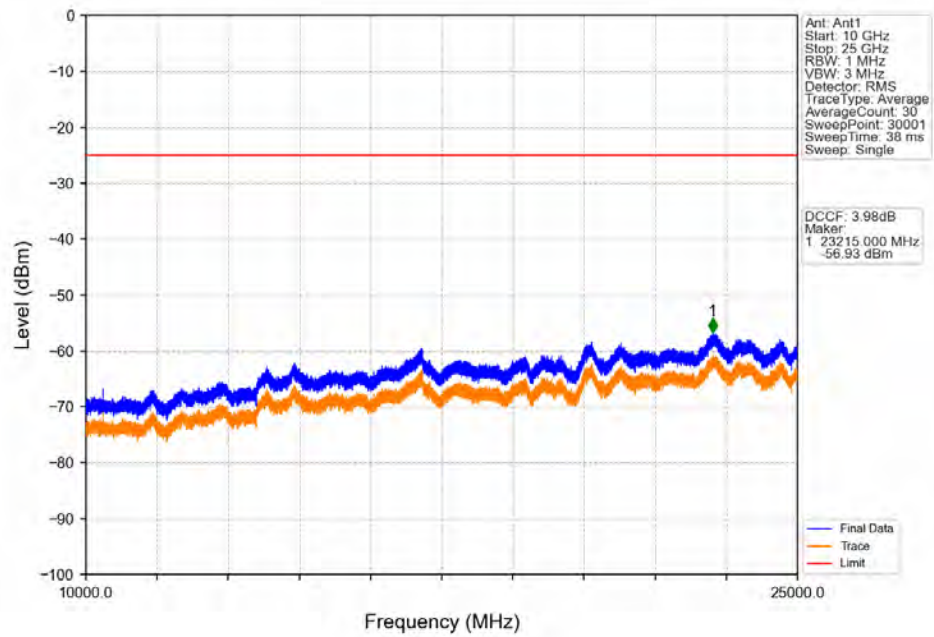
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV



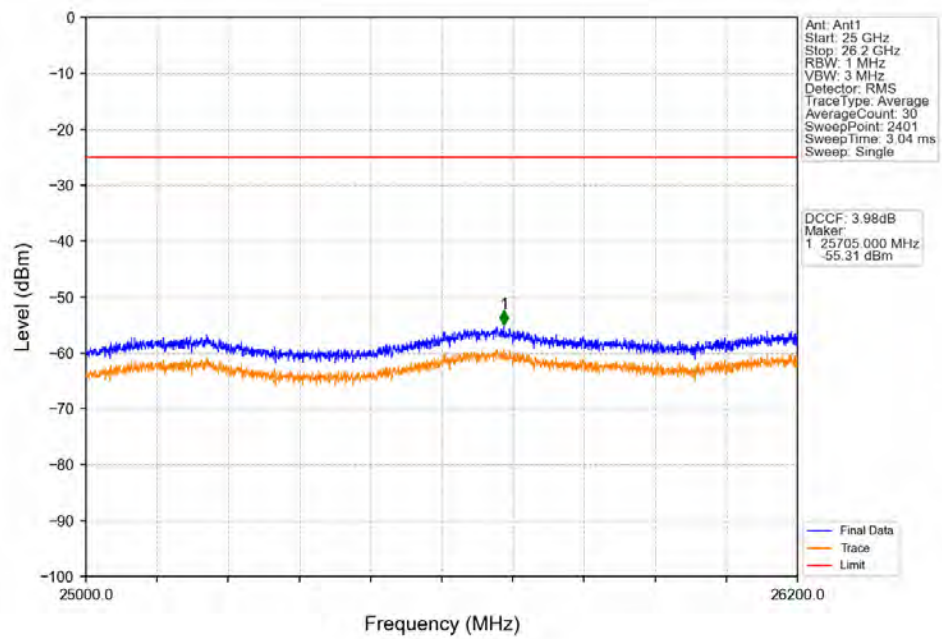
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



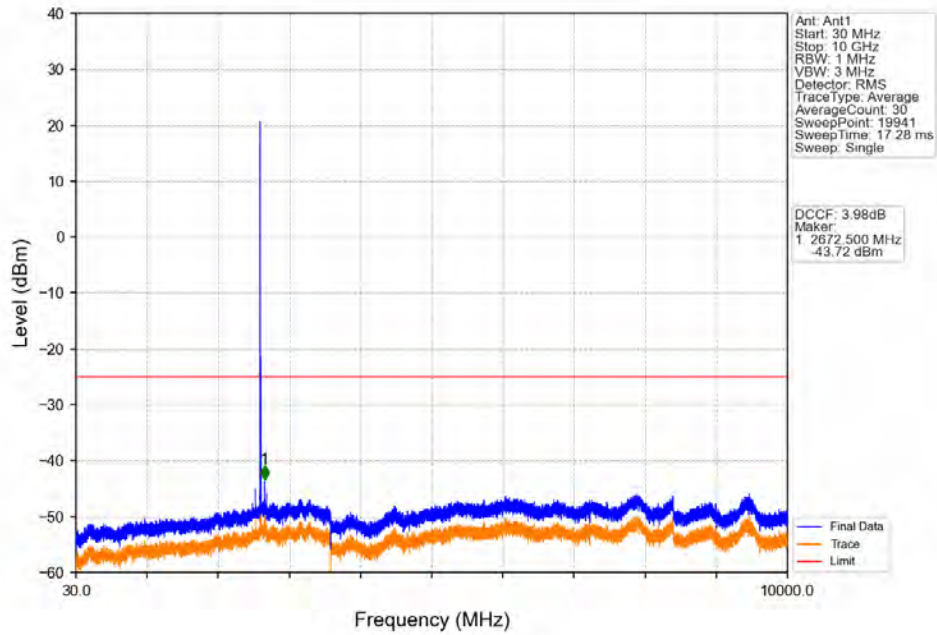
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



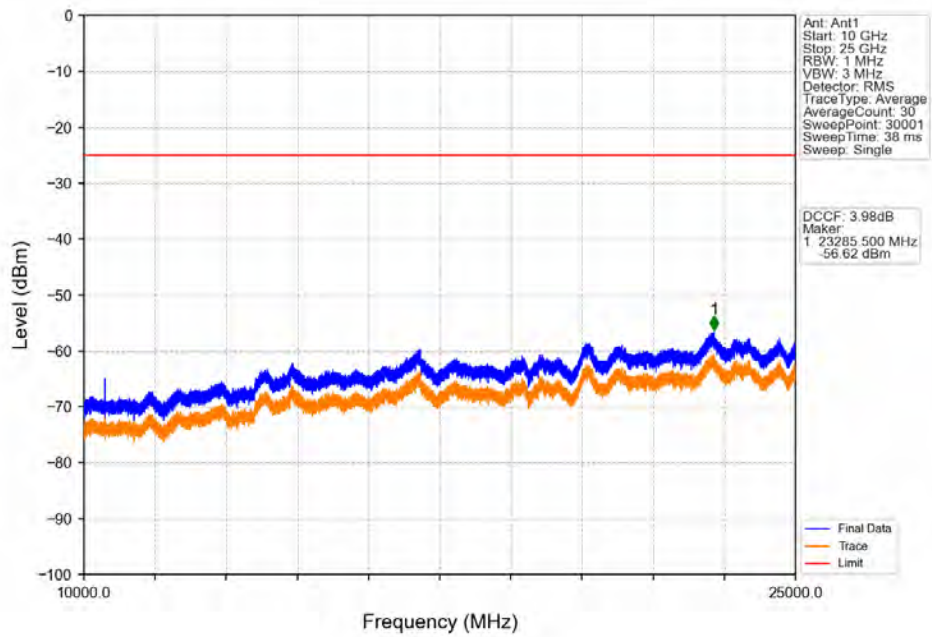
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTNV



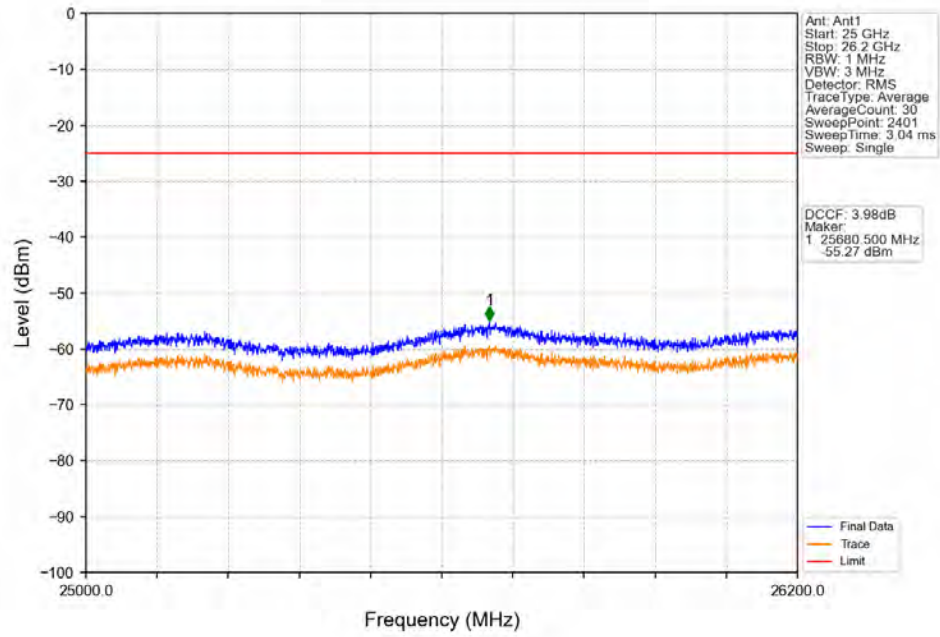
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



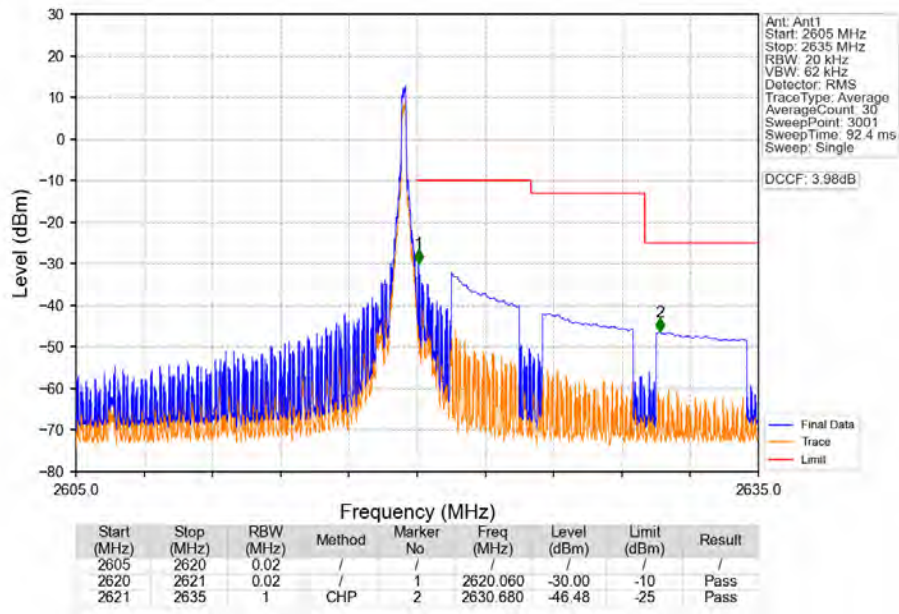
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV

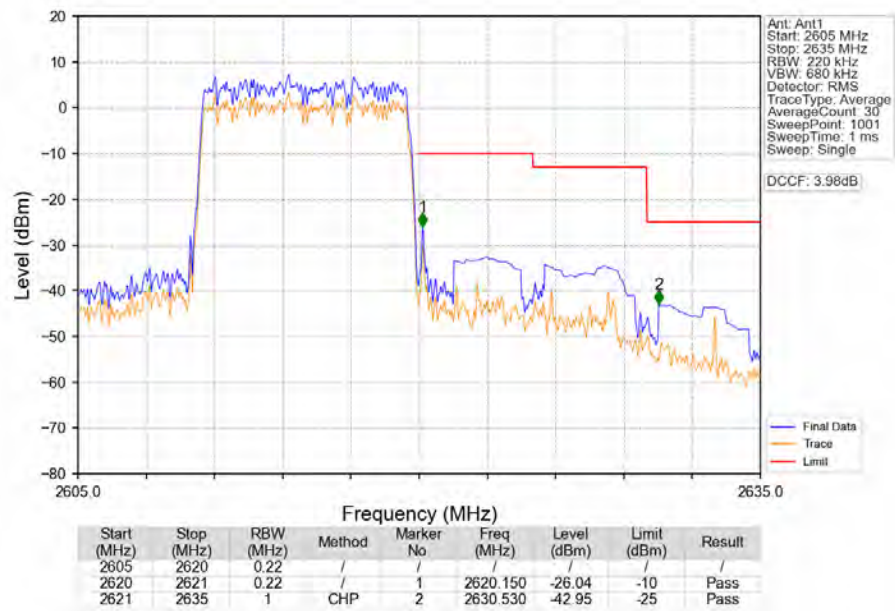


Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV

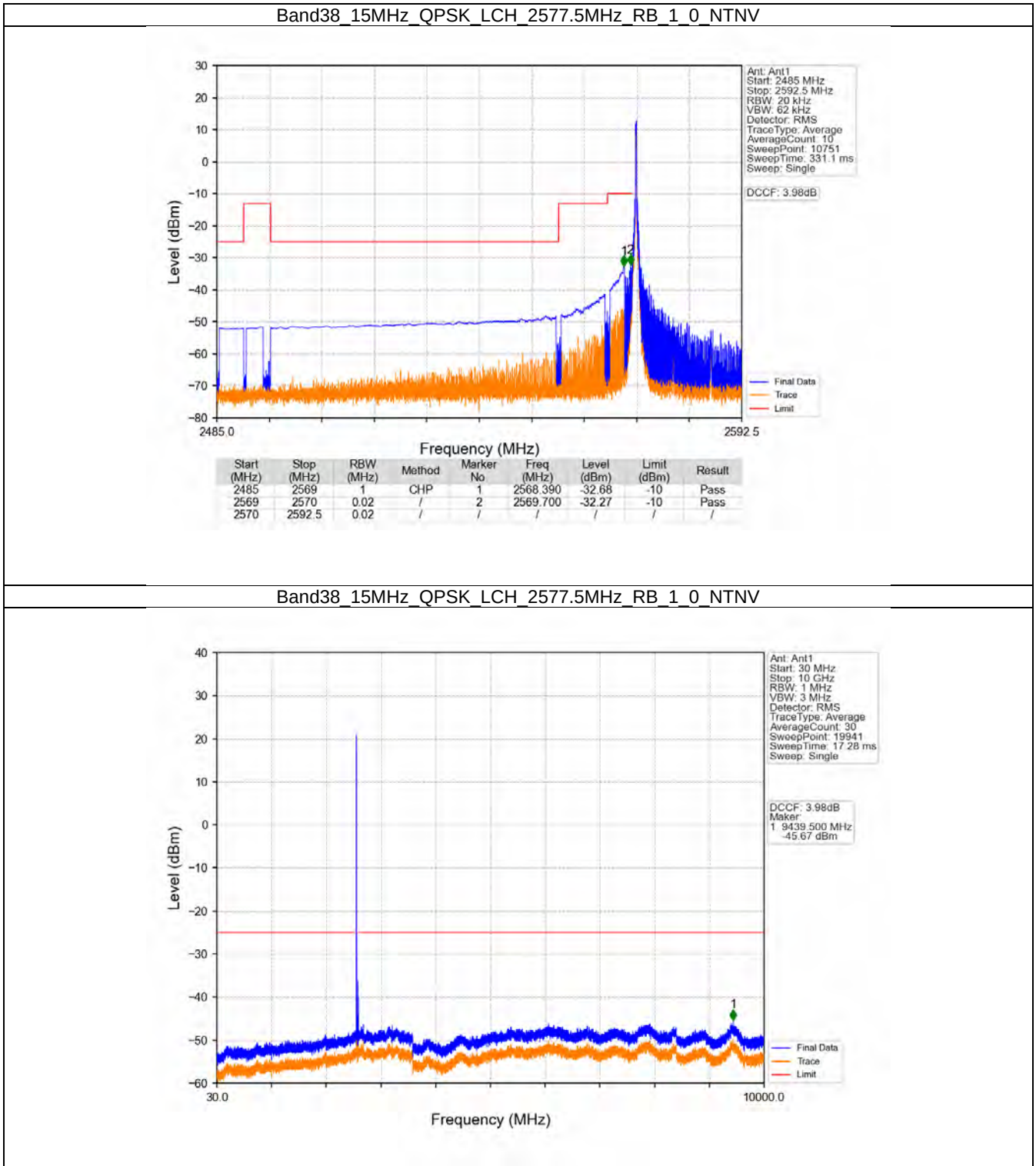


Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTNV

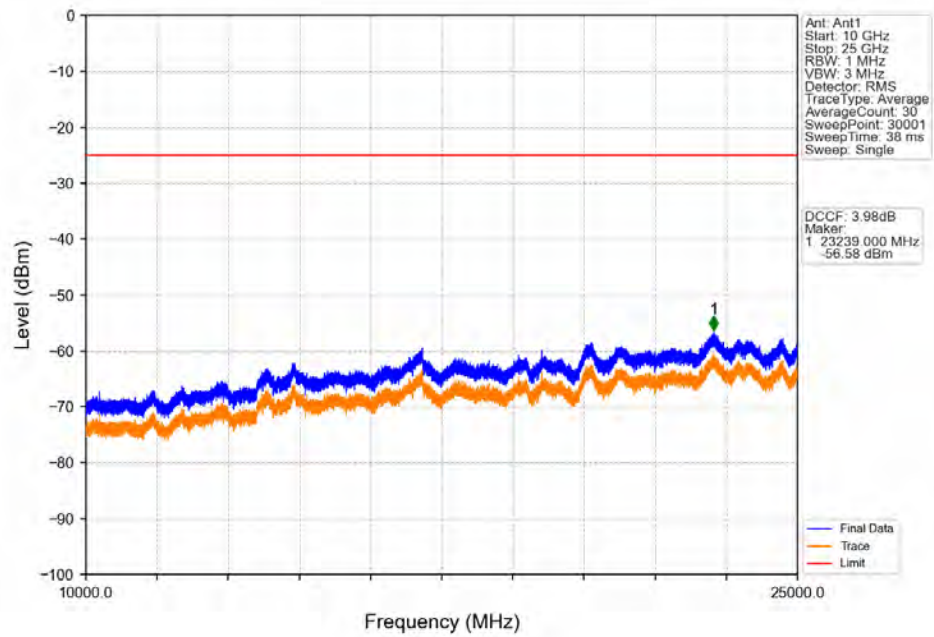




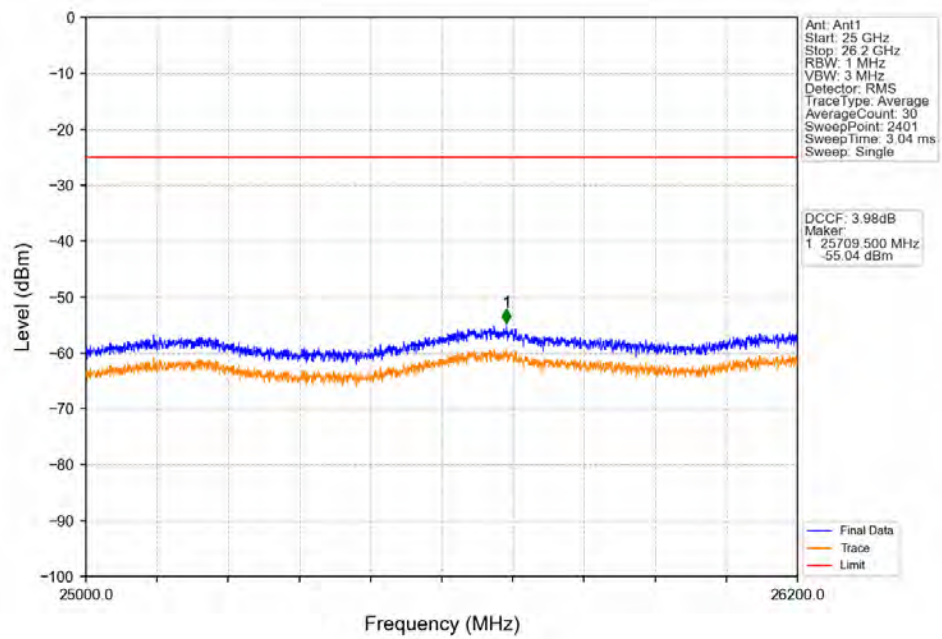
5.2.3 B38_15MHz



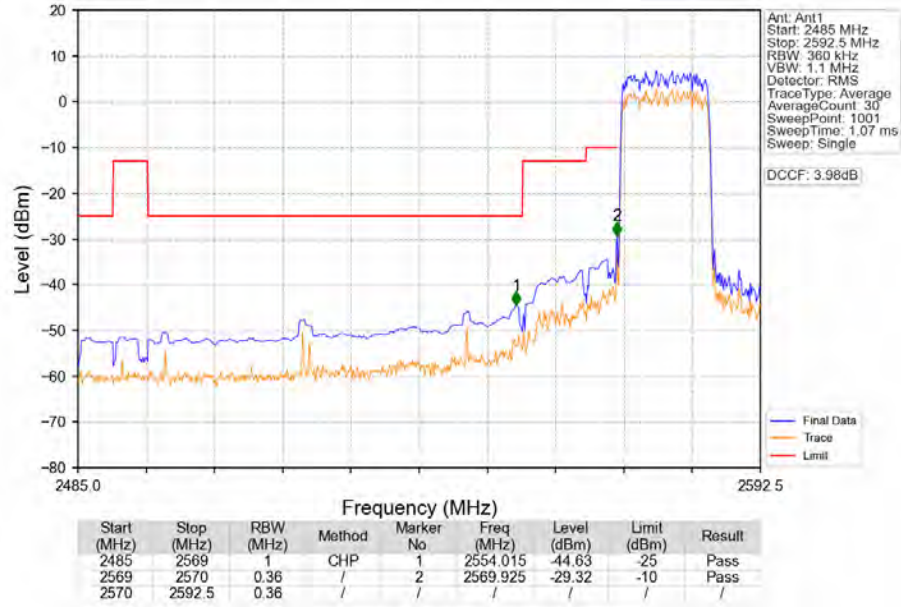
Band38 15MHz QPSK LCH 2577.5MHz RB 1 0 NTNV



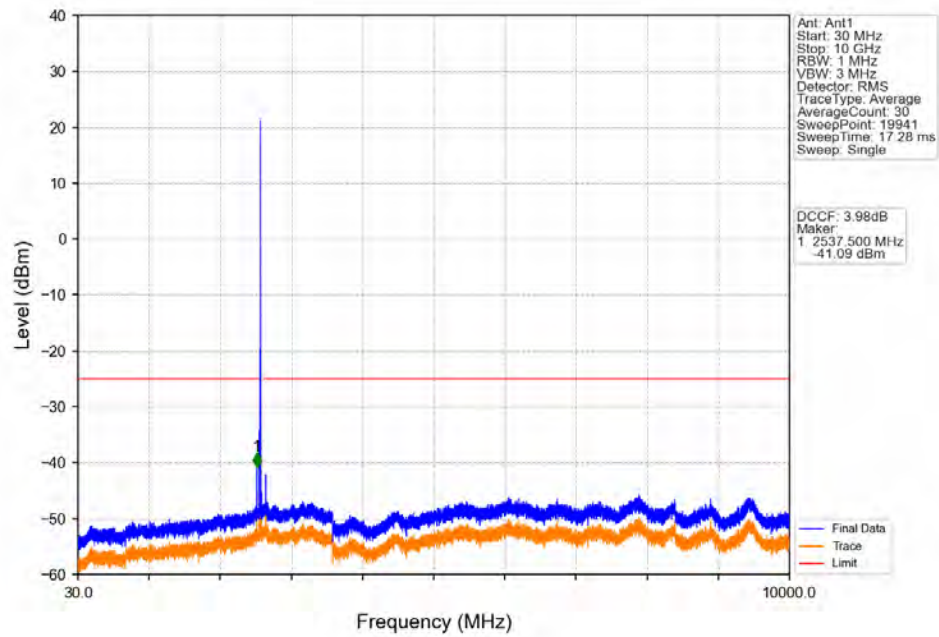
Band38 15MHz QPSK LCH 2577.5MHz RB 1 0 NTNV



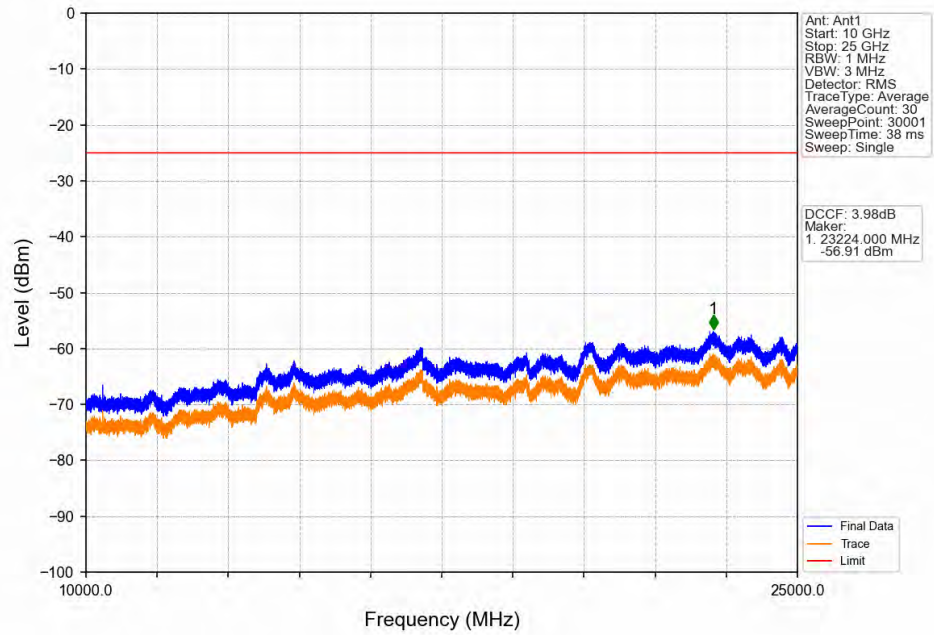
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



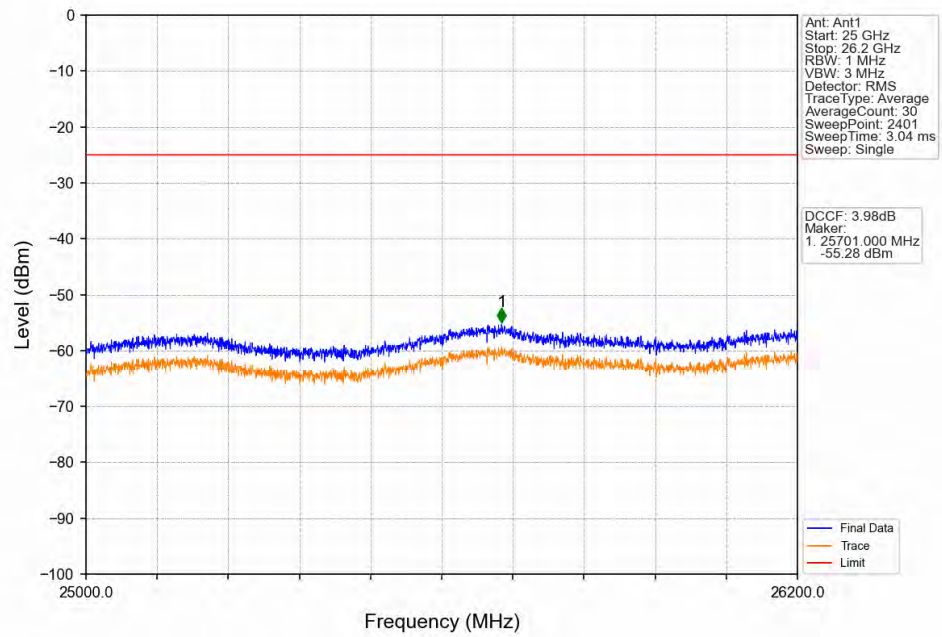
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



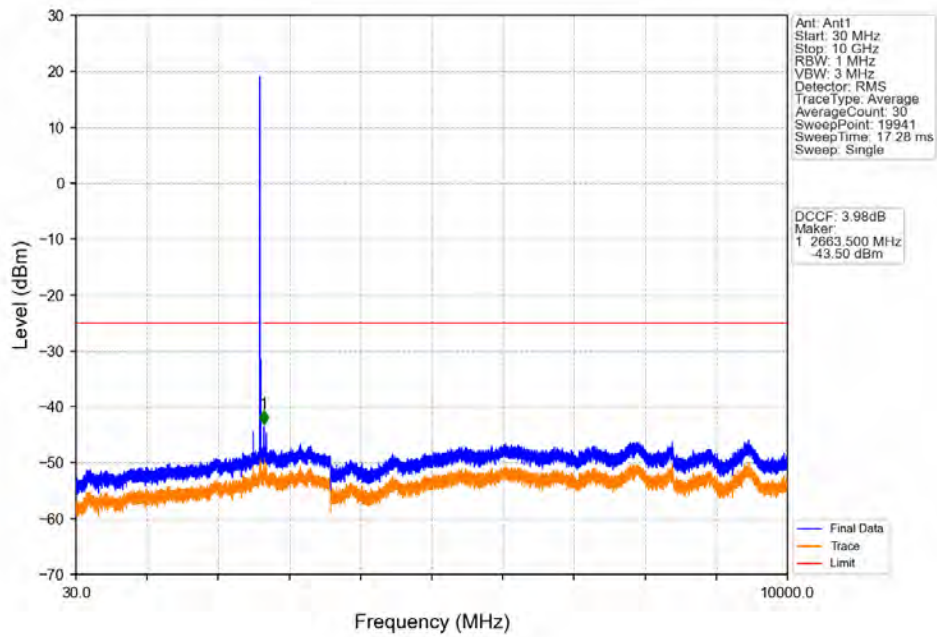
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



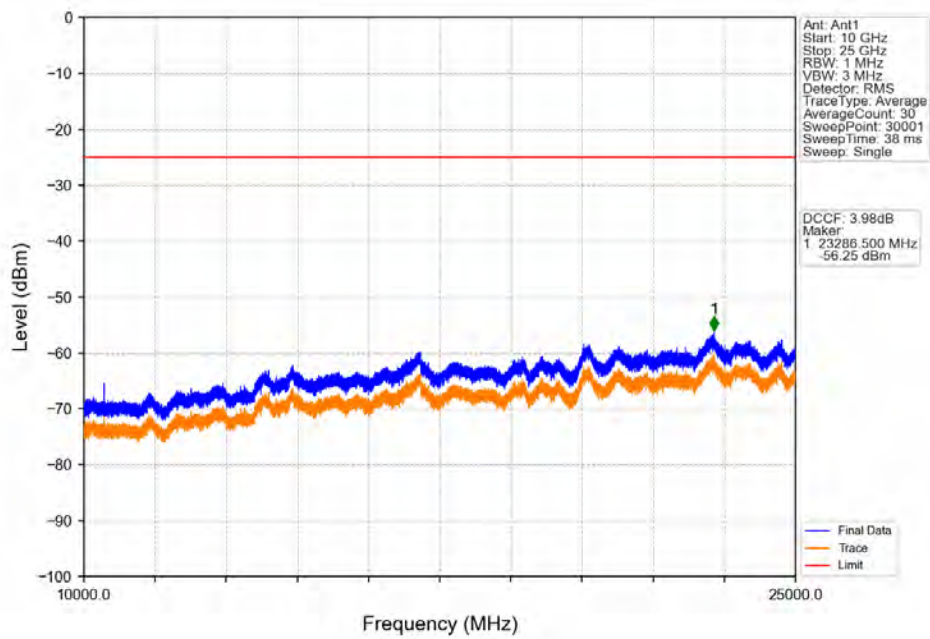
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



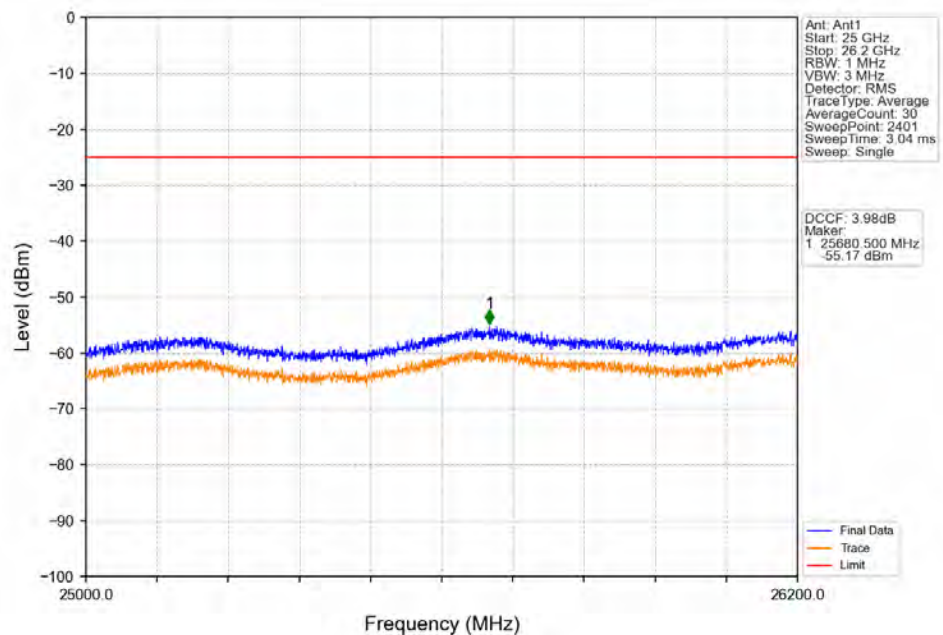
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV



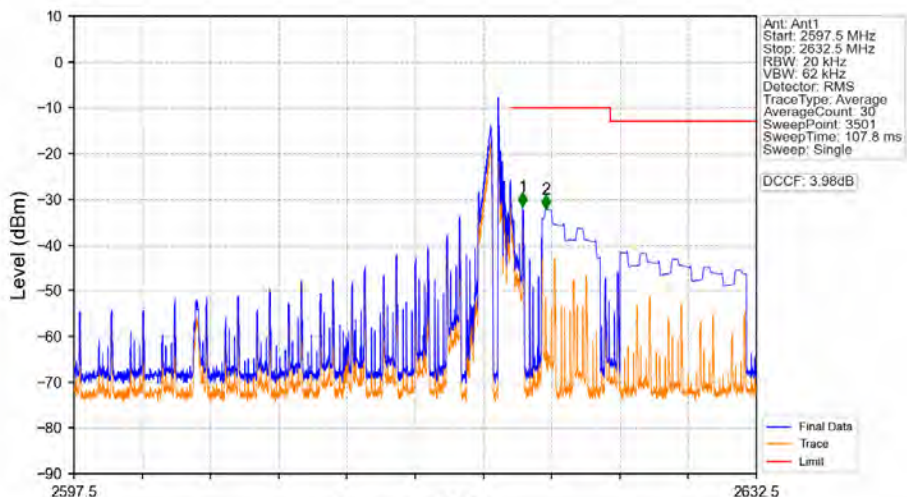
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

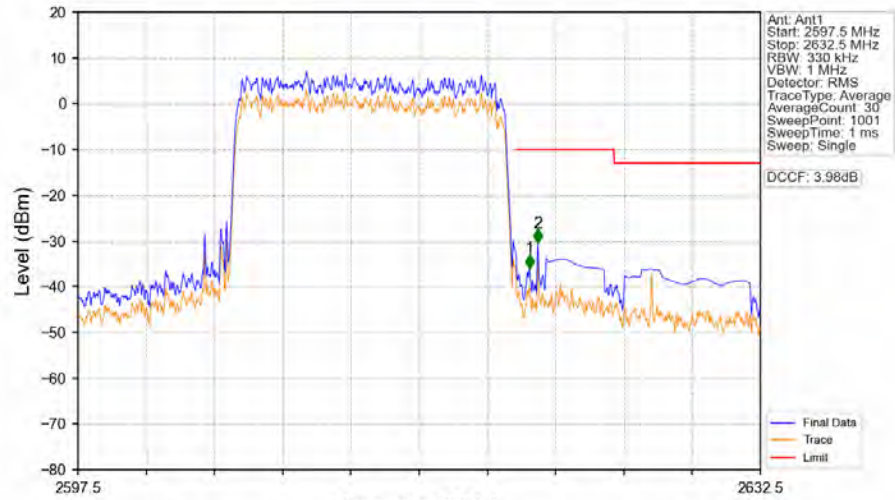


Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV



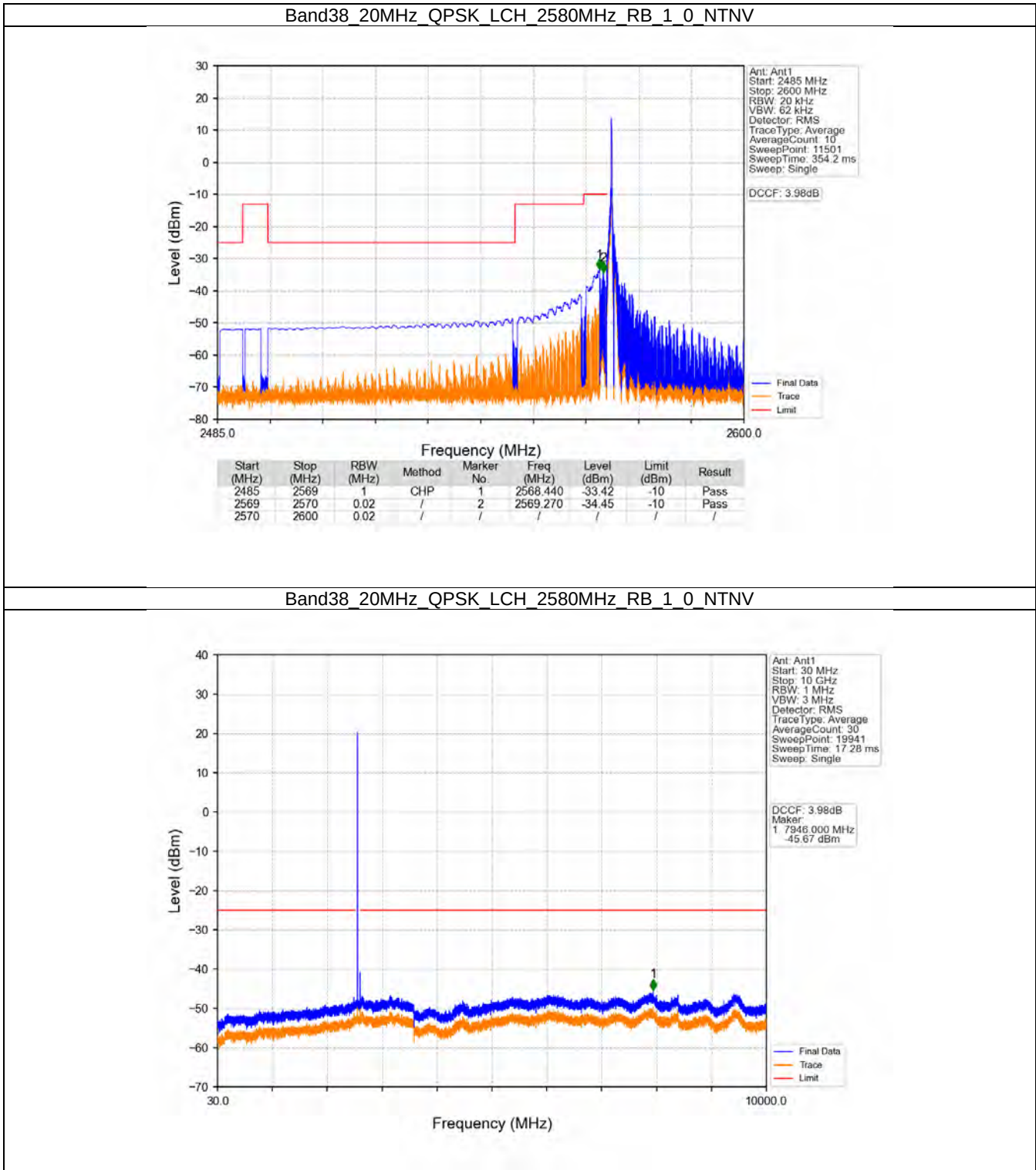
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	1	2620.520	-31.66	-10	Pass
2620	2621	0.02	/	1	2620.520	-31.66	-10	Pass
2621	2632.5	1	CHP	2	2621.720	-32.22	-10	Pass

Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN

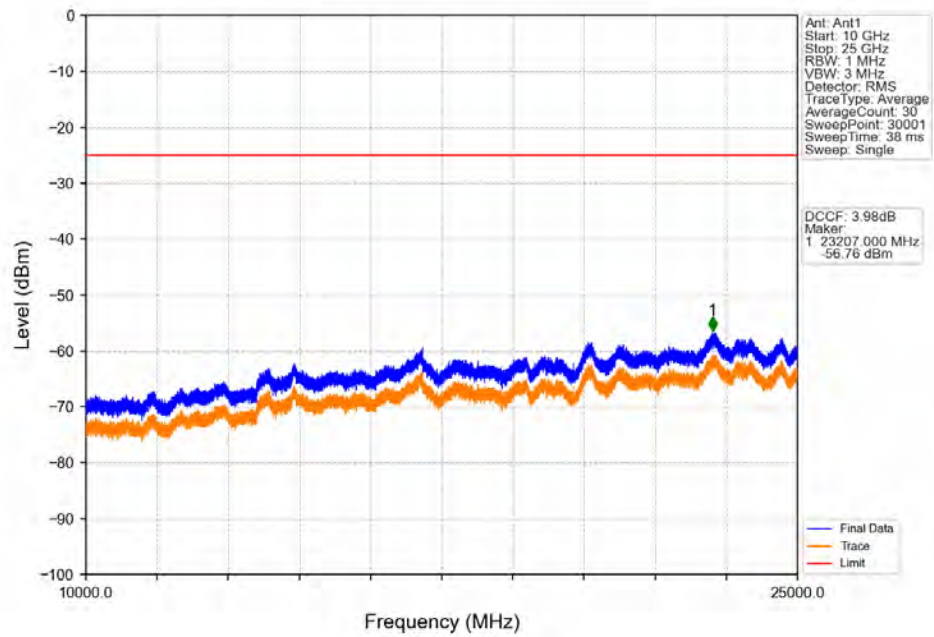


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.33	/	1	2620.670	-36.02	-10	Pass
2620	2621	0.33	/	2	2621.090	-30.42	-10	Pass
2621	2632.5	1	CHP					

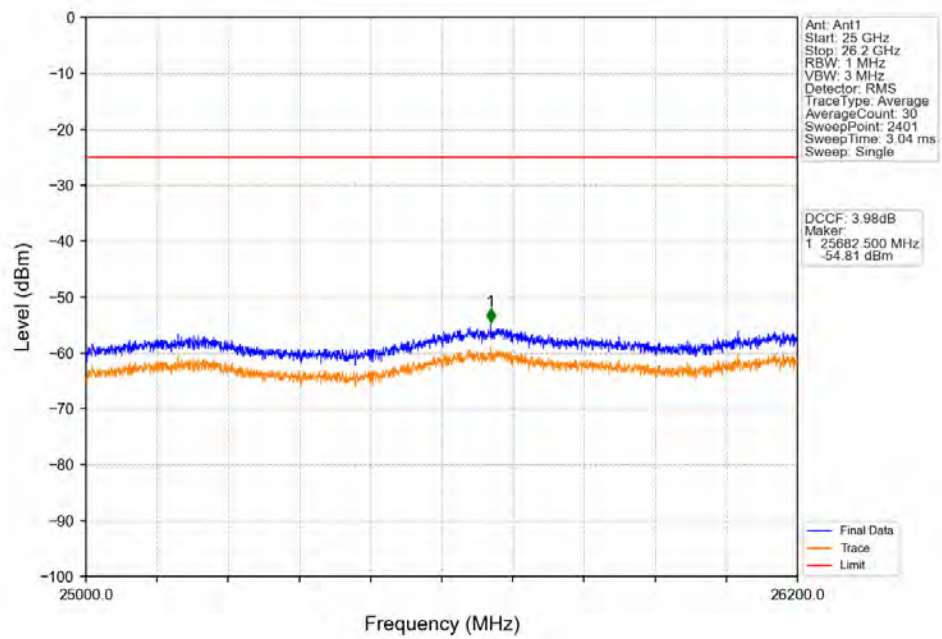
5.2.4 B38_20MHz



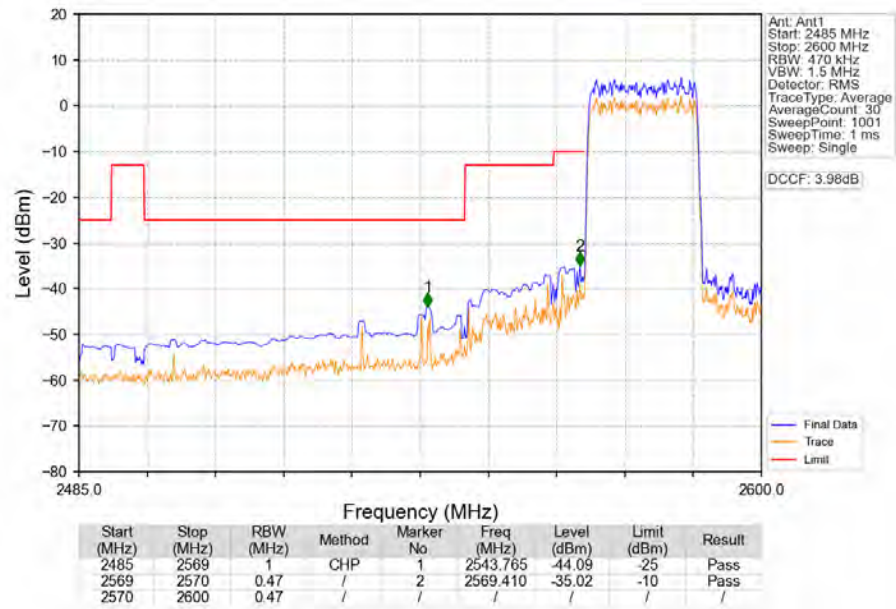
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



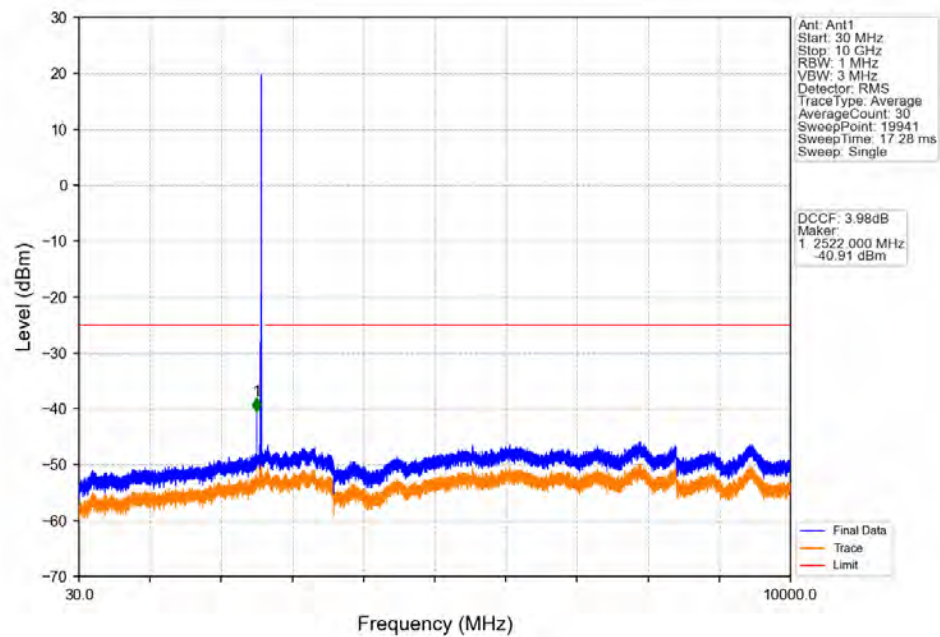
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



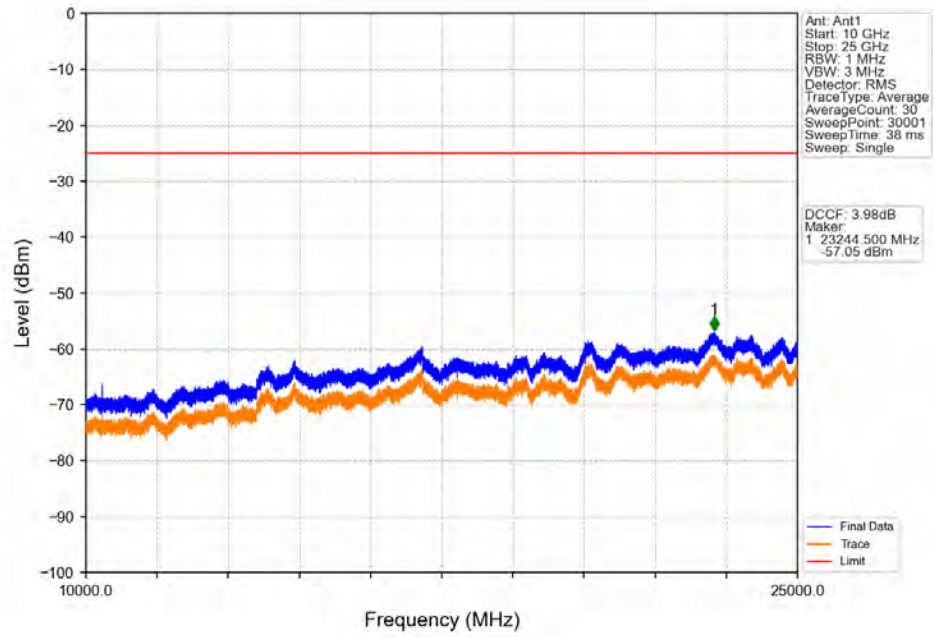
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



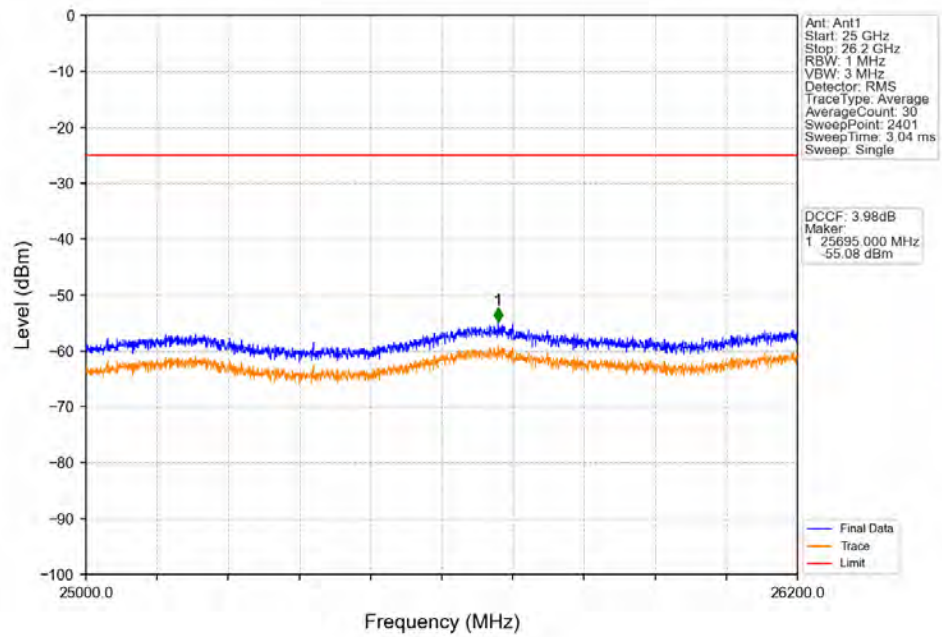
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



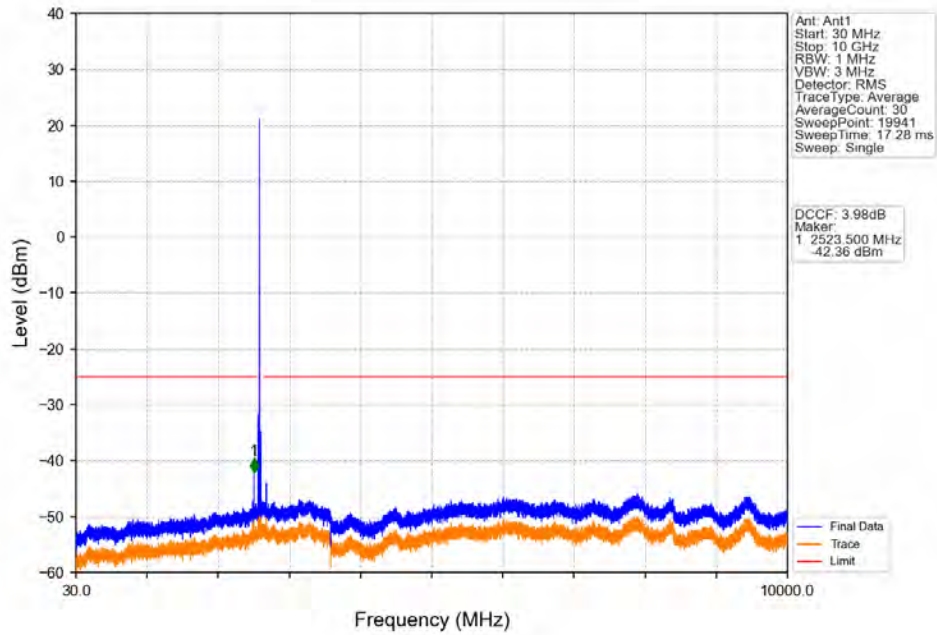
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



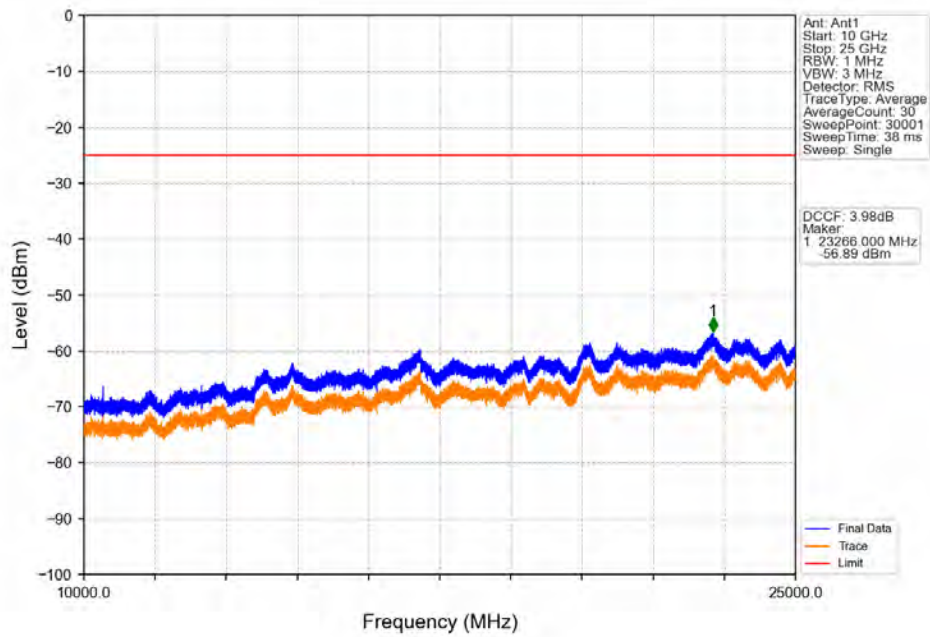
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



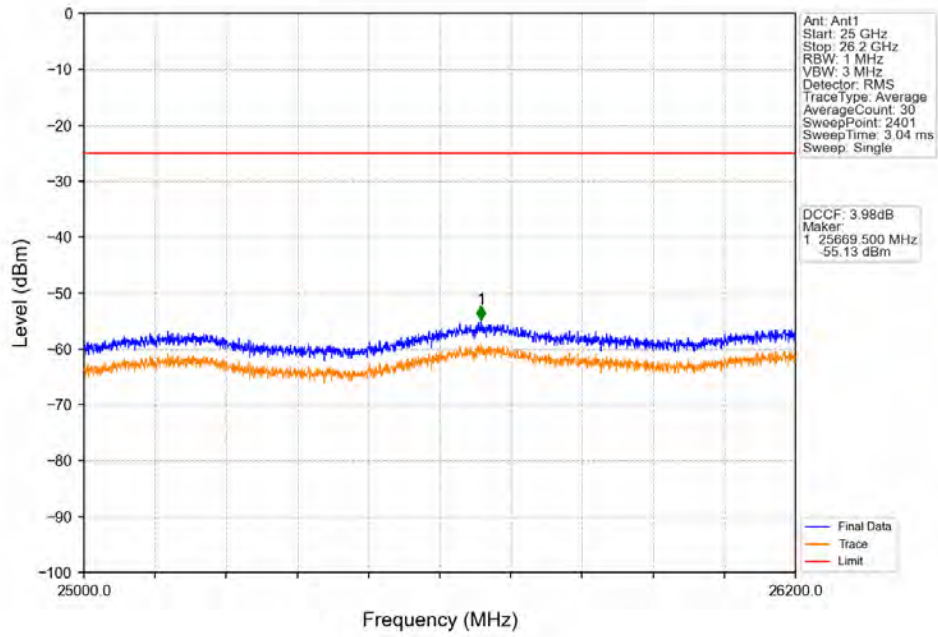
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



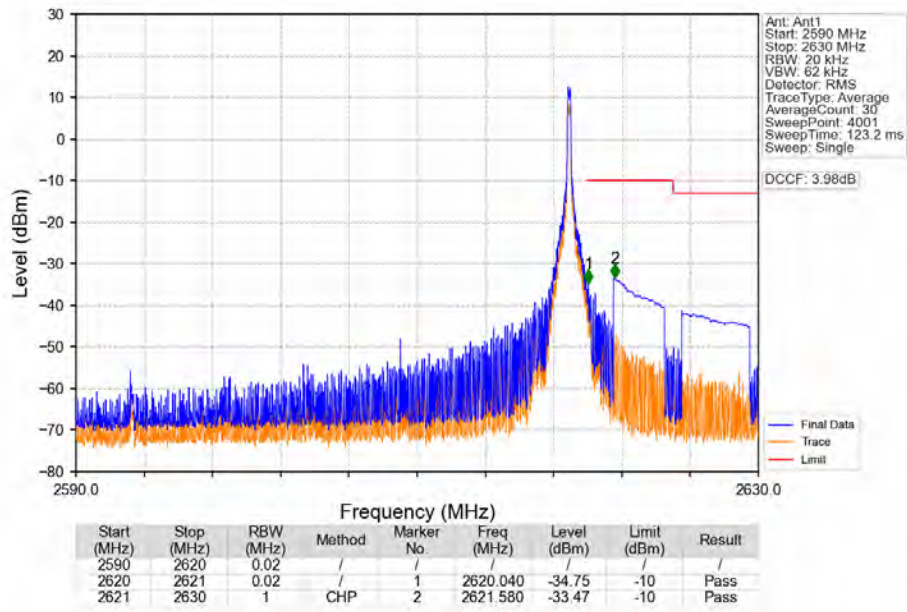
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV

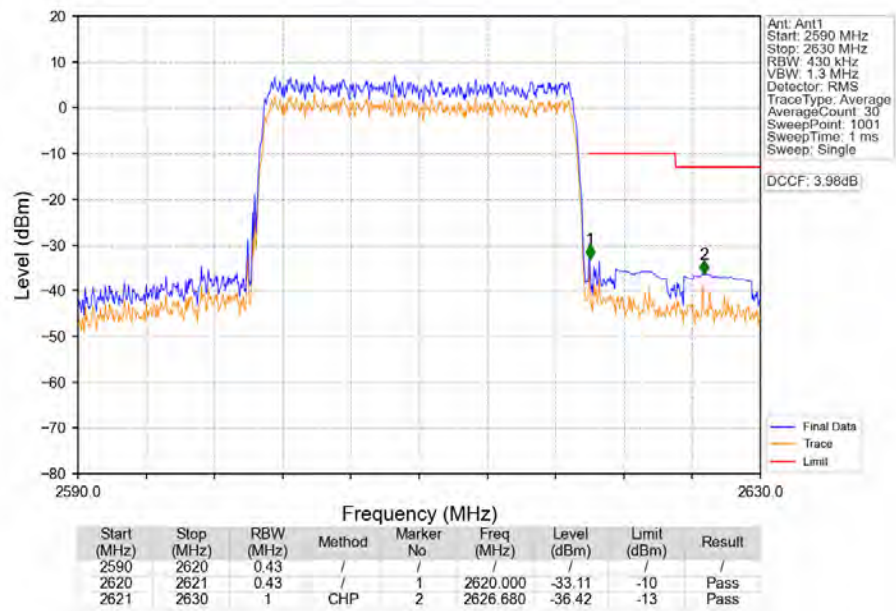


Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTNV





Field Strength of Spurious Radiation

LTE Band 38 ANT11-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	-61.91	-25	-36.91	-67.52	4.62	10.23	Horizontal	Pass
7713.0	-59.83	-25	-34.83	-66.86	4.96	11.99	Horizontal	Pass
10284.0	-56.5	-25	-31.5	-64.07	5.51	13.08	Horizontal	Pass
5142.0	-62.97	-25	-37.97	-68.58	4.62	10.23	Vertical	Pass
7713.0	-59.87	-25	-34.87	-66.9	4.96	11.99	Vertical	Pass
10284.0	-56.83	-25	-31.83	-64.4	5.51	13.08	Vertical	Pass

LTE Band 38 ANT11-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	-63.29	-25	-38.29	-68.91	4.63	10.25	Horizontal	Pass
7758.0	-59.69	-25	-34.69	-66.77	4.96	12.04	Horizontal	Pass
10344.0	-57.13	-25	-32.13	-64.7	5.52	13.09	Horizontal	Pass
5172.0	-63.36	-25	-38.36	-68.98	4.63	10.25	Vertical	Pass
7758.0	-59.7	-25	-34.7	-66.78	4.96	12.04	Vertical	Pass
10344.0	-57.13	-25	-32.13	-64.7	5.52	13.09	Vertical	Pass

LTE Band 38 ANT11-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	-63.38	-25	-38.38	-69.02	4.63	10.27	Horizontal	Pass
7803.0	-59.9	-25	-34.9	-67.04	4.96	12.1	Horizontal	Pass
10404.0	-57.04	-25	-32.04	-64.62	5.52	13.1	Horizontal	Pass
5202.0	-63.72	-25	-38.72	-69.36	4.63	10.27	Vertical	Pass
7803.0	-59.51	-25	-34.51	-66.65	4.96	12.1	Vertical	Pass
10404.0	-56.61	-25	-31.61	-64.19	5.52	13.1	Vertical	Pass

Remark:

- The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:

$$\text{EIRP} = \text{S.G. Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---