

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	25.44	2.60	28.04	<=33.01	Pass
			13	25.52	2.60	28.12	<=33.01	Pass
			24	25.82	2.60	28.42	<=33.01	Pass
		12	0	24.63	2.60	27.23	<=33.01	Pass
			6	24.75	2.60	27.35	<=33.01	Pass
			13	24.70	2.60	27.30	<=33.01	Pass
		25	0	24.67	2.60	27.27	<=33.01	Pass
	2595	1	0	26.26	2.60	28.86	<=33.01	Pass
			13	26.38	2.60	28.98	<=33.01	Pass
			24	26.20	2.60	28.80	<=33.01	Pass
		12	0	25.02	2.60	27.62	<=33.01	Pass
			6	25.40	2.60	28.00	<=33.01	Pass
			13	25.15	2.60	27.75	<=33.01	Pass
		25	0	25.24	2.60	27.84	<=33.01	Pass
	2617.5	1	0	25.59	2.60	28.19	<=33.01	Pass
			13	25.94	2.60	28.54	<=33.01	Pass
			24	26.03	2.60	28.63	<=33.01	Pass
		12	0	24.58	2.60	27.18	<=33.01	Pass
			6	24.70	2.60	27.30	<=33.01	Pass
			13	24.79	2.60	27.39	<=33.01	Pass
		25	0	24.65	2.60	27.25	<=33.01	Pass
16QAM	2572.5	1	0	24.53	2.60	27.13	<=33.01	Pass
			13	24.55	2.60	27.15	<=33.01	Pass
			24	25.03	2.60	27.63	<=33.01	Pass
		12	0	23.38	2.60	25.98	<=33.01	Pass
			6	23.56	2.60	26.16	<=33.01	Pass
			13	23.63	2.60	26.23	<=33.01	Pass
		25	0	23.71	2.60	26.31	<=33.01	Pass
	2595	1	0	25.15	2.60	27.75	<=33.01	Pass
			13	25.25	2.60	27.85	<=33.01	Pass
			24	25.24	2.60	27.84	<=33.01	Pass
		12	0	24.18	2.60	26.78	<=33.01	Pass
			6	24.27	2.60	26.87	<=33.01	Pass
			13	24.29	2.60	26.89	<=33.01	Pass
		25	0	24.19	2.60	26.79	<=33.01	Pass
	2617.5	1	0	24.70	2.60	27.30	<=33.01	Pass
			13	24.94	2.60	27.54	<=33.01	Pass
			24	25.09	2.60	27.69	<=33.01	Pass
		12	0	23.57	2.60	26.17	<=33.01	Pass
			6	23.87	2.60	26.47	<=33.01	Pass
			13	23.79	2.60	26.39	<=33.01	Pass
		25	0	23.61	2.60	26.21	<=33.01	Pass
64QAM	2572.5	1	0	23.27	2.60	25.87	<=33.01	Pass
			13	23.51	2.60	26.11	<=33.01	Pass
			24	23.77	2.60	26.37	<=33.01	Pass
		12	0	22.51	2.60	25.11	<=33.01	Pass
			6	22.51	2.60	25.11	<=33.01	Pass
			13	22.80	2.60	25.40	<=33.01	Pass
		25	0	22.68	2.60	25.28	<=33.01	Pass

	2595	1	0	24.08	2.60	26.68	<=33.01	Pass
			13	24.48	2.60	27.08	<=33.01	Pass
			24	24.48	2.60	27.08	<=33.01	Pass
		12	0	23.21	2.60	25.81	<=33.01	Pass
			6	23.01	2.60	25.61	<=33.01	Pass
			13	22.99	2.60	25.59	<=33.01	Pass
		25	0	23.00	2.60	25.60	<=33.01	Pass
	2617.5	1	0	23.74	2.60	26.34	<=33.01	Pass
			13	23.60	2.60	26.20	<=33.01	Pass
			24	24.03	2.60	26.63	<=33.01	Pass
		12	0	22.35	2.60	24.95	<=33.01	Pass
			6	22.68	2.60	25.28	<=33.01	Pass
			13	22.58	2.60	25.18	<=33.01	Pass
		25	0	22.70	2.60	25.30	<=33.01	Pass
256QAM	2572.5	1	0	20.07	2.60	22.67	<=33.01	Pass
			13	20.37	2.60	22.97	<=33.01	Pass
			24	21.18	2.60	23.78	<=33.01	Pass
		12	0	20.28	2.60	22.88	<=33.01	Pass
			6	20.65	2.60	23.25	<=33.01	Pass
			13	20.63	2.60	23.23	<=33.01	Pass
		25	0	20.61	2.60	23.21	<=33.01	Pass
	2595	1	0	21.19	2.60	23.79	<=33.01	Pass
			13	21.21	2.60	23.81	<=33.01	Pass
			24	21.23	2.60	23.83	<=33.01	Pass
		12	0	21.03	2.60	23.63	<=33.01	Pass
			6	21.25	2.60	23.85	<=33.01	Pass
			13	21.03	2.60	23.63	<=33.01	Pass
		25	0	20.91	2.60	23.51	<=33.01	Pass
	2617.5	1	0	20.65	2.60	23.25	<=33.01	Pass
			13	20.69	2.60	23.29	<=33.01	Pass
			24	20.69	2.60	23.29	<=33.01	Pass
		12	0	20.36	2.60	22.96	<=33.01	Pass
			6	20.65	2.60	23.25	<=33.01	Pass
			13	20.61	2.60	23.21	<=33.01	Pass
		25	0	20.43	2.60	23.03	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

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	25.39	2.60	25.84	<=33.01	Pass
			25	25.39	2.60	25.94	<=33.01	Pass
			49	25.68	2.60	25.94	<=33.01	Pass
		25	0	24.50	2.60	25.94	<=33.01	Pass
			13	24.49	2.60	25.83	<=33.01	Pass
			25	24.43	2.60	25.83	<=33.01	Pass
		50	0	24.41	2.60	26.30	<=33.01	Pass
	2595	1	0	26.15	2.60	26.78	<=33.01	Pass
			25	26.34	2.60	26.39	<=33.01	Pass
			49	26.41	2.60	27.00	<=33.01	Pass
		25	0	25.09	2.60	26.39	<=33.01	Pass
			13	25.28	2.60	27.00	<=33.01	Pass
			25	25.24	2.60	27.03	<=33.01	Pass
		50	0	25.06	2.60	26.57	<=33.01	Pass
	2615	1	0	25.59	2.60	26.49	<=33.01	Pass

			25	25.57	2.60	26.23	<=33.01	Pass		
			49	25.76	2.60	26.58	<=33.01	Pass		
			0	24.64	2.60	26.57	<=33.01	Pass		
		25	13	24.43	2.60	26.53	<=33.01	Pass		
			25	24.71	2.60	26.53	<=33.01	Pass		
			50	0	24.49	2.60	26.52	<=33.01	Pass	
16QAM	2575	1	0	24.55	2.60	26.29	<=33.01	Pass		
			25	24.87	2.60	25.84	<=33.01	Pass		
			49	24.67	2.60	25.95	<=33.01	Pass		
		25	0	23.48	2.60	25.84	<=33.01	Pass		
			13	23.56	2.60	25.84	<=33.01	Pass		
			25	23.61	2.60	25.84	<=33.01	Pass		
		50	0	23.35	2.60	26.31	<=33.01	Pass		
		2595	1	0	25.49	2.60	26.40	<=33.01	Pass	
				25	25.44	2.60	26.77	<=33.01	Pass	
	49			25.27	2.60	26.56	<=33.01	Pass		
	25		0	24.03	2.60	26.78	<=33.01	Pass		
			13	24.05	2.60	27.01	<=33.01	Pass		
			25	24.26	2.60	26.40	<=33.01	Pass		
	50		0	24.05	2.60	26.77	<=33.01	Pass		
	2615		1	0	24.76	2.60	26.53	<=33.01	Pass	
				25	24.57	2.60	26.50	<=33.01	Pass	
		49		24.92	2.60	26.49	<=33.01	Pass		
		25	0	23.47	2.60	26.58	<=33.01	Pass		
			13	23.52	2.60	26.50	<=33.01	Pass		
			25	23.54	2.60	26.58	<=33.01	Pass		
		50	0	23.49	2.60	26.53	<=33.01	Pass		
		64QAM	2575	1	0	23.43	2.60	26.30	<=33.01	Pass
					25	23.74	2.60	26.29	<=33.01	Pass
	49				23.56	2.60	25.93	<=33.01	Pass	
25	0			22.37	2.60	25.83	<=33.01	Pass		
	13			22.44	2.60	26.30	<=33.01	Pass		
	25			22.63	2.60	26.39	<=33.01	Pass		
50	0			22.28	2.60	26.39	<=33.01	Pass		
2595	1			0	24.65	2.60	26.77	<=33.01	Pass	
				25	24.27	2.60	27.02	<=33.01	Pass	
			49	24.27	2.60	26.77	<=33.01	Pass		
	25		0	23.08	2.60	27.01	<=33.01	Pass		
			13	23.34	2.60	26.58	<=33.01	Pass		
			25	23.11	2.60	26.58	<=33.01	Pass		
50	0		23.01	2.60	26.40	<=33.01	Pass			
2615	1		0	23.93	2.60	26.49	<=33.01	Pass		
			25	23.93	2.60	26.54	<=33.01	Pass		
			49	24.22	2.60	26.24	<=33.01	Pass		
	25		0	22.70	2.60	26.59	<=33.01	Pass		
		13	22.55	2.60	26.52	<=33.01	Pass			
		25	22.58	2.60	26.59	<=33.01	Pass			
	50	0	22.42	2.60	26.53	<=33.01	Pass			
	256QAM	2575	1	0	20.09	2.60	23.12	<=33.01	Pass	
				25	20.72	2.60	22.88	<=33.01	Pass	
49				20.93	2.60	23.10	<=33.01	Pass		
25			0	20.29	2.60	22.99	<=33.01	Pass		
			13	20.19	2.60	22.90	<=33.01	Pass		
			25	20.39	2.60	22.96	<=33.01	Pass		
50			0	20.29	2.60	23.02	<=33.01	Pass		
2595			1	0	21.57	2.60	23.35	<=33.01	Pass	
				25	21.49	2.60	23.37	<=33.01	Pass	
		49		21.58	2.60	23.57	<=33.01	Pass		
25		0	20.98	2.60	23.44	<=33.01	Pass			

			13	21.21	2.60	23.22	<=33.01	Pass
			25	21.15	2.60	23.50	<=33.01	Pass
		50	0	21.00	2.60	23.46	<=33.01	Pass
	2615	1	0	20.59	2.60	23.63	<=33.01	Pass
			25	20.63	2.60	23.64	<=33.01	Pass
			49	20.60	2.60	23.73	<=33.01	Pass
		25	0	20.33	2.60	23.25	<=33.01	Pass
			13	20.70	2.60	23.27	<=33.01	Pass
			25	20.43	2.60	23.49	<=33.01	Pass
		50	0	20.45	2.60	23.31	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	25.50	2.60	25.83	<=33.01	Pass
			38	25.98	2.60	25.83	<=33.01	Pass
			74	26.63	2.60	26.38	<=33.01	Pass
		36	0	24.79	2.60	26.28	<=33.01	Pass
			18	24.92	2.60	26.29	<=33.01	Pass
			39	25.28	2.60	25.93	<=33.01	Pass
		75	0	24.98	2.60	25.83	<=33.01	Pass
	2595	1	0	26.22	2.60	26.95	<=33.01	Pass
			38	26.16	2.60	26.34	<=33.01	Pass
			74	26.12	2.60	26.69	<=33.01	Pass
		36	0	25.28	2.60	26.52	<=33.01	Pass
			18	25.33	2.60	26.48	<=33.01	Pass
			39	25.39	2.60	26.32	<=33.01	Pass
		75	0	25.06	2.60	26.92	<=33.01	Pass
	2612.5	1	0	25.72	2.60	26.20	<=33.01	Pass
			38	25.51	2.60	26.71	<=33.01	Pass
			74	25.57	2.60	26.39	<=33.01	Pass
		36	0	24.63	2.60	26.22	<=33.01	Pass
			18	24.53	2.60	26.31	<=33.01	Pass
			39	24.49	2.60	26.30	<=33.01	Pass
		75	0	24.63	2.60	26.30	<=33.01	Pass
16QAM	2577.5	1	0	24.57	2.60	26.29	<=33.01	Pass
			38	24.87	2.60	25.93	<=33.01	Pass
			74	25.76	2.60	26.31	<=33.01	Pass
		36	0	23.79	2.60	25.91	<=33.01	Pass
			18	23.91	2.60	25.81	<=33.01	Pass
			39	24.26	2.60	25.92	<=33.01	Pass
		75	0	23.95	2.60	26.37	<=33.01	Pass
	2595	1	0	25.07	2.60	26.92	<=33.01	Pass
			38	25.77	2.60	26.94	<=33.01	Pass
			74	25.20	2.60	26.49	<=33.01	Pass
		36	0	24.22	2.60	26.32	<=33.01	Pass
			18	24.09	2.60	26.94	<=33.01	Pass
			39	24.12	2.60	26.93	<=33.01	Pass
		75	0	24.04	2.60	26.31	<=33.01	Pass
	2612.5	1	0	24.86	2.60	26.30	<=33.01	Pass
			38	24.48	2.60	26.70	<=33.01	Pass
			74	24.61	2.60	26.41	<=33.01	Pass
		36	0	23.62	2.60	26.30	<=33.01	Pass
			18	23.27	2.60	26.38	<=33.01	Pass

			39	23.68	2.60	26.69	<=33.01	Pass	
		75	0	23.36	2.60	26.39	<=33.01	Pass	
64QAM	2577.5	1	0	23.53	2.60	26.36	<=33.01	Pass	
			38	24.06	2.60	26.29	<=33.01	Pass	
			74	24.72	2.60	26.36	<=33.01	Pass	
			0	22.70	2.60	25.92	<=33.01	Pass	
		36	18	22.95	2.60	26.29	<=33.01	Pass	
			39	23.42	2.60	26.29	<=33.01	Pass	
			75	0	23.10	2.60	26.38	<=33.01	Pass
		2595	1	0	24.09	2.60	26.33	<=33.01	Pass
				38	24.32	2.60	26.50	<=33.01	Pass
	74			24.11	2.60	26.50	<=33.01	Pass	
	0			22.98	2.60	26.50	<=33.01	Pass	
	36		18	23.13	2.60	26.94	<=33.01	Pass	
			39	23.30	2.60	26.95	<=33.01	Pass	
			75	0	23.24	2.60	26.94	<=33.01	Pass
	2612.5		1	0	23.66	2.60	26.70	<=33.01	Pass
				38	23.27	2.60	26.71	<=33.01	Pass
		74		23.73	2.60	26.20	<=33.01	Pass	
		0		22.58	2.60	26.68	<=33.01	Pass	
		36	18	22.44	2.60	26.34	<=33.01	Pass	
			39	22.46	2.60	26.31	<=33.01	Pass	
			75	0	22.55	2.60	26.20	<=33.01	Pass
		256QAM	2577.5	1	0	20.25	2.60	23.01	<=33.01
38					21.38	2.60	23.11	<=33.01	Pass
74	21.94				2.60	23.18	<=33.01	Pass	
0	20.49				2.60	22.88	<=33.01	Pass	
36	18			20.82	2.60	23.00	<=33.01	Pass	
	39			21.15	2.60	23.07	<=33.01	Pass	
	75			0	21.00	2.60	23.03	<=33.01	Pass
2595	1			0	21.45	2.60	23.42	<=33.01	Pass
				38	20.92	2.60	23.43	<=33.01	Pass
			74	20.90	2.60	23.52	<=33.01	Pass	
			0	21.13	2.60	23.38	<=33.01	Pass	
	36		18	21.00	2.60	23.45	<=33.01	Pass	
			39	21.03	2.60	23.46	<=33.01	Pass	
			75	0	21.20	2.60	23.23	<=33.01	Pass
	2612.5		1	0	21.06	2.60	23.37	<=33.01	Pass
				38	20.57	2.60	23.42	<=33.01	Pass
74				20.47	2.60	23.54	<=33.01	Pass	
0				20.53	2.60	23.16	<=33.01	Pass	
36			18	20.50	2.60	23.33	<=33.01	Pass	
			39	20.62	2.60	23.41	<=33.01	Pass	
			75	0	20.38	2.60	23.18	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	25.49	2.60	28.05	<=33.01	Pass
			50	25.80	2.60	28.21	<=33.01	Pass
			99	26.46	2.60	28.38	<=33.01	Pass
		50	0	24.57	2.60	27.16	<=33.01	Pass
			25	24.84	2.60	27.06	<=33.01	Pass
			50	25.16	2.60	27.29	<=33.01	Pass

		100	0	24.79	2.60	27.23	<=33.01	Pass
		1	0	26.23	2.60	26.58	<=33.01	Pass
			50	26.40	2.60	26.60	<=33.01	Pass
			99	26.14	2.60	26.59	<=33.01	Pass
		50	0	25.00	2.60	26.16	<=33.01	Pass
			25	25.08	2.60	26.17	<=33.01	Pass
			50	25.28	2.60	26.56	<=33.01	Pass
		100	0	25.10	2.60	26.57	<=33.01	Pass
		1	0	25.67	2.60	26.40	<=33.01	Pass
			50	25.65	2.60	26.67	<=33.01	Pass
			99	25.60	2.60	26.75	<=33.01	Pass
		50	0	24.49	2.60	26.38	<=33.01	Pass
			25	24.47	2.60	26.74	<=33.01	Pass
			50	24.63	2.60	26.67	<=33.01	Pass
		100	0	24.40	2.60	26.74	<=33.01	Pass
16QAM	2580	1	0	24.44	2.60	27.04	<=33.01	Pass
			50	24.78	2.60	27.28	<=33.01	Pass
			99	25.27	2.60	27.40	<=33.01	Pass
		50	0	23.53	2.60	26.17	<=33.01	Pass
			25	23.68	2.60	26.07	<=33.01	Pass
			50	24.02	2.60	26.26	<=33.01	Pass
		100	0	23.86	2.60	26.24	<=33.01	Pass
	2595	1	0	25.29	2.60	26.56	<=33.01	Pass
			50	25.28	2.60	26.59	<=33.01	Pass
			99	25.40	2.60	26.40	<=33.01	Pass
		50	0	24.26	2.60	26.39	<=33.01	Pass
			25	24.28	2.60	26.56	<=33.01	Pass
			50	24.12	2.60	26.58	<=33.01	Pass
		100	0	24.10	2.60	26.59	<=33.01	Pass
	2610	1	0	24.33	2.60	26.47	<=33.01	Pass
			50	24.28	2.60	26.39	<=33.01	Pass
			99	24.51	2.60	26.67	<=33.01	Pass
		50	0	23.44	2.60	26.68	<=33.01	Pass
			25	23.46	2.60	26.47	<=33.01	Pass
			50	23.49	2.60	26.39	<=33.01	Pass
		100	0	23.57	2.60	26.74	<=33.01	Pass
64QAM	2580	1	0	23.76	2.60	25.95	<=33.01	Pass
			50	24.08	2.60	26.07	<=33.01	Pass
			99	24.50	2.60	26.40	<=33.01	Pass
		50	0	22.48	2.60	24.98	<=33.01	Pass
			25	22.79	2.60	25.17	<=33.01	Pass
			50	23.13	2.60	25.06	<=33.01	Pass
		100	0	22.82	2.60	25.05	<=33.01	Pass
	2595	1	0	24.33	2.60	26.58	<=33.01	Pass
			50	24.45	2.60	26.59	<=33.01	Pass
			99	24.12	2.60	26.16	<=33.01	Pass
		50	0	22.97	2.60	26.58	<=33.01	Pass
			25	23.28	2.60	26.39	<=33.01	Pass
			50	23.22	2.60	26.15	<=33.01	Pass
		100	0	23.08	2.60	26.56	<=33.01	Pass
	2610	1	0	23.79	2.60	26.76	<=33.01	Pass
			50	23.79	2.60	26.67	<=33.01	Pass
			99	23.98	2.60	26.48	<=33.01	Pass
		50	0	22.26	2.60	26.76	<=33.01	Pass
			25	22.50	2.60	26.67	<=33.01	Pass
			50	22.45	2.60	26.75	<=33.01	Pass
		100	0	22.54	2.60	26.67	<=33.01	Pass
256QAM	2580	1	0	20.42	2.60	22.82	<=33.01	Pass
			50	20.72	2.60	22.82	<=33.01	Pass

			99	21.46	2.60	23.70	<=33.01	Pass
		50	0	20.58	2.60	23.08	<=33.01	Pass
			25	20.58	2.60	22.92	<=33.01	Pass
			50	20.95	2.60	23.01	<=33.01	Pass
		100	0	20.66	2.60	23.00	<=33.01	Pass
	2595	1	0	20.96	2.60	23.11	<=33.01	Pass
			50	21.19	2.60	23.32	<=33.01	Pass
			99	21.33	2.60	23.16	<=33.01	Pass
		50	0	21.15	2.60	23.37	<=33.01	Pass
			25	21.20	2.60	23.29	<=33.01	Pass
			50	21.02	2.60	23.33	<=33.01	Pass
		100	0	21.17	2.60	23.43	<=33.01	Pass
	2610	1	0	20.42	2.60	23.66	<=33.01	Pass
			50	20.50	2.60	22.96	<=33.01	Pass
			99	20.63	2.60	23.17	<=33.01	Pass
		50	0	20.27	2.60	23.18	<=33.01	Pass
			25	20.43	2.60	23.33	<=33.01	Pass
			50	20.59	2.60	23.27	<=33.01	Pass
		100	0	20.51	2.60	23.38	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	25	0	20	3.27	-5.368	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.247	-0.0001	-2.5 to 2.5	Pass
					4.43	-3.366	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.356	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.576	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.768	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.954	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.661	0.0022	-2.5 to 2.5	Pass
				30	3.85	1.152	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.279	0.0005	-2.5 to 2.5	Pass
				50	3.85	8.384	0.0032	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	50	0	20	3.27	-1.740	-0.0007	-2.5 to 2.5	Pass
					3.85	3.689	0.0014	-2.5 to 2.5	Pass
					4.43	3.205	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.751	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.666	0.0006	-2.5 to 2.5	Pass
				0	3.85	3.353	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.166	0.0008	-2.5 to 2.5	Pass

				30	3.85	0.981	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.416	0.0009	-2.5 to 2.5	Pass
				50	3.85	3.206	0.0012	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	75	0	20	3.27	4.016	0.0015	-2.5 to 2.5	Pass
					3.85	1.474	0.0006	-2.5 to 2.5	Pass
					4.43	6.153	0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.311	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.384	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.186	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.404	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.411	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.009	-0.0004	-2.5 to 2.5	Pass
				40	3.85	2.800	0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	100	0	20	3.27	-2.822	-0.0011	-2.5 to 2.5	Pass
					3.85	2.762	0.0011	-2.5 to 2.5	Pass
					4.43	0.158	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.625	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.495	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	3.267	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.128	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	4.259	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.935	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.465	0.0009	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.508	/	Pass
		2595	25	0	4.508	/	Pass
		2617.5	25	0	4.506	/	Pass
	16QAM	2572.5	25	0	4.511	/	Pass
		2595	25	0	4.526	/	Pass
		2617.5	25	0	4.503	/	Pass

10	64QAM	2572.5	25	0	4.512	/	Pass
		2595	25	0	4.525	/	Pass
		2617.5	25	0	4.508	/	Pass
	256QAM	2572.5	25	0	4.519	/	Pass
		2595	25	0	4.519	/	Pass
		2617.5	25	0	4.528	/	Pass
	QPSK	2575	50	0	9.018	/	Pass
		2595	50	0	9.003	/	Pass
		2615	50	0	8.995	/	Pass
15	16QAM	2575	50	0	9.027	/	Pass
		2595	50	0	8.995	/	Pass
		2615	50	0	9.020	/	Pass
	64QAM	2575	50	0	9.004	/	Pass
		2595	50	0	9.016	/	Pass
		2615	50	0	9.004	/	Pass
	256QAM	2575	50	0	9.007	/	Pass
		2595	50	0	9.019	/	Pass
		2615	50	0	9.012	/	Pass
20	QPSK	2577.5	75	0	13.501	/	Pass
		2595	75	0	13.506	/	Pass
		2612.5	75	0	13.474	/	Pass
	16QAM	2577.5	75	0	13.499	/	Pass
		2595	75	0	13.532	/	Pass
		2612.5	75	0	13.481	/	Pass
	64QAM	2577.5	75	0	13.486	/	Pass
		2595	75	0	13.520	/	Pass
		2612.5	75	0	13.526	/	Pass
	256QAM	2577.5	75	0	13.477	/	Pass
		2595	75	0	13.484	/	Pass
		2612.5	75	0	13.500	/	Pass
	QPSK	2580	100	0	18.046	/	Pass
		2595	100	0	18.083	/	Pass
		2610	100	0	18.096	/	Pass
	16QAM	2580	100	0	18.058	/	Pass
		2595	100	0	18.069	/	Pass
		2610	100	0	18.097	/	Pass
	64QAM	2580	100	0	18.021	/	Pass
		2595	100	0	18.051	/	Pass
		2610	100	0	18.069	/	Pass
	256QAM	2580	100	0	18.093	/	Pass
		2595	100	0	18.082	/	Pass
		2610	100	0	18.035	/	Pass

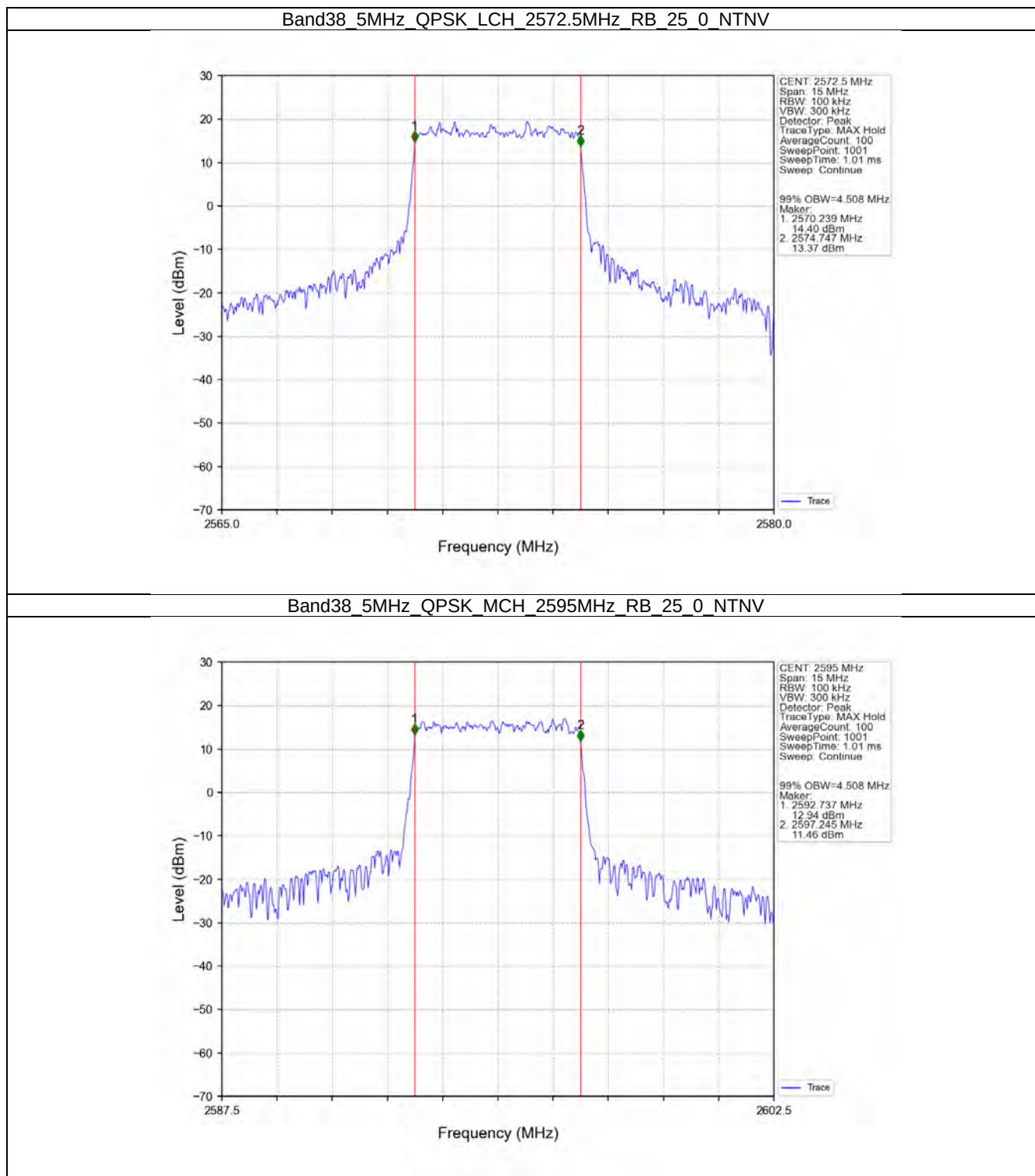
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.034	/	Pass
		2595	25	0	5.028	/	Pass
		2617.5	25	0	5.020	/	Pass
	16QAM	2572.5	25	0	5.140	/	Pass
		2595	25	0	5.013	/	Pass
		2617.5	25	0	4.976	/	Pass
	64QAM	2572.5	25	0	5.076	/	Pass
		2595	25	0	5.007	/	Pass
		2617.5	25	0	4.970	/	Pass

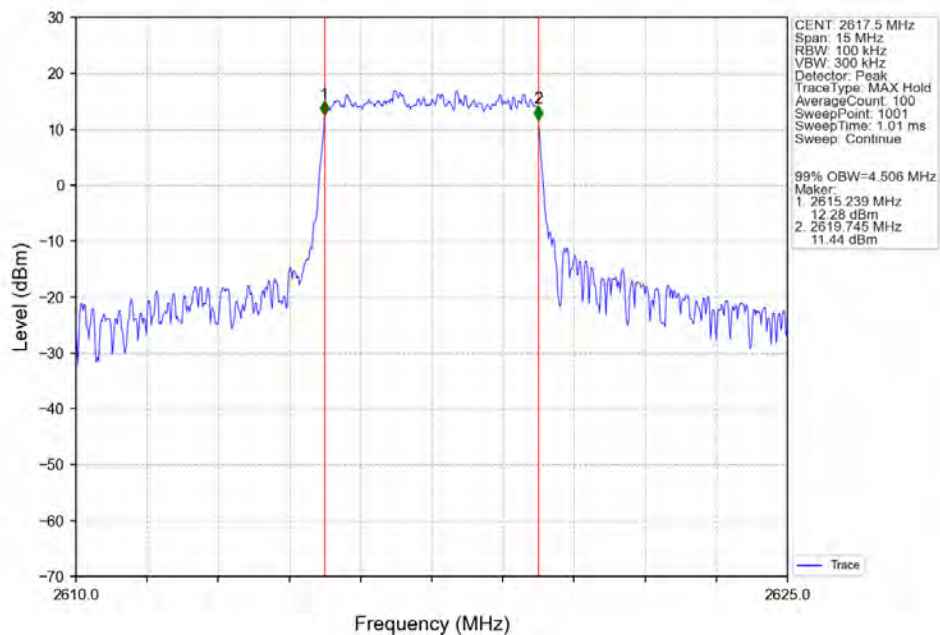
	256QAM	2572.5	25	0	5.004	/	Pass
		2595	25	0	5.362	/	Pass
		2617.5	25	0	4.998	/	Pass
10	QPSK	2575	50	0	9.867	/	Pass
		2595	50	0	10.259	/	Pass
		2615	50	0	10.181	/	Pass
	16QAM	2575	50	0	9.726	/	Pass
		2595	50	0	10.259	/	Pass
		2615	50	0	10.182	/	Pass
	64QAM	2575	50	0	9.829	/	Pass
		2595	50	0	10.119	/	Pass
		2615	50	0	10.081	/	Pass
	256QAM	2575	50	0	9.925	/	Pass
		2595	50	0	10.339	/	Pass
		2615	50	0	9.901	/	Pass
15	QPSK	2577.5	75	0	15.062	/	Pass
		2595	75	0	14.892	/	Pass
		2612.5	75	0	14.825	/	Pass
	16QAM	2577.5	75	0	14.850	/	Pass
		2595	75	0	14.983	/	Pass
		2612.5	75	0	15.572	/	Pass
	64QAM	2577.5	75	0	14.984	/	Pass
		2595	75	0	14.927	/	Pass
		2612.5	75	0	14.751	/	Pass
	256QAM	2577.5	75	0	14.659	/	Pass
		2595	75	0	14.933	/	Pass
		2612.5	75	0	14.657	/	Pass
20	QPSK	2580	100	0	20.812	/	Pass
		2595	100	0	20.128	/	Pass
		2610	100	0	21.876	/	Pass
	16QAM	2580	100	0	20.401	/	Pass
		2595	100	0	19.970	/	Pass
		2610	100	0	21.656	/	Pass
	64QAM	2580	100	0	21.323	/	Pass
		2595	100	0	20.004	/	Pass
		2610	100	0	22.249	/	Pass
	256QAM	2580	100	0	20.507	/	Pass
		2595	100	0	20.160	/	Pass
		2610	100	0	21.477	/	Pass

3.2 Test Graph

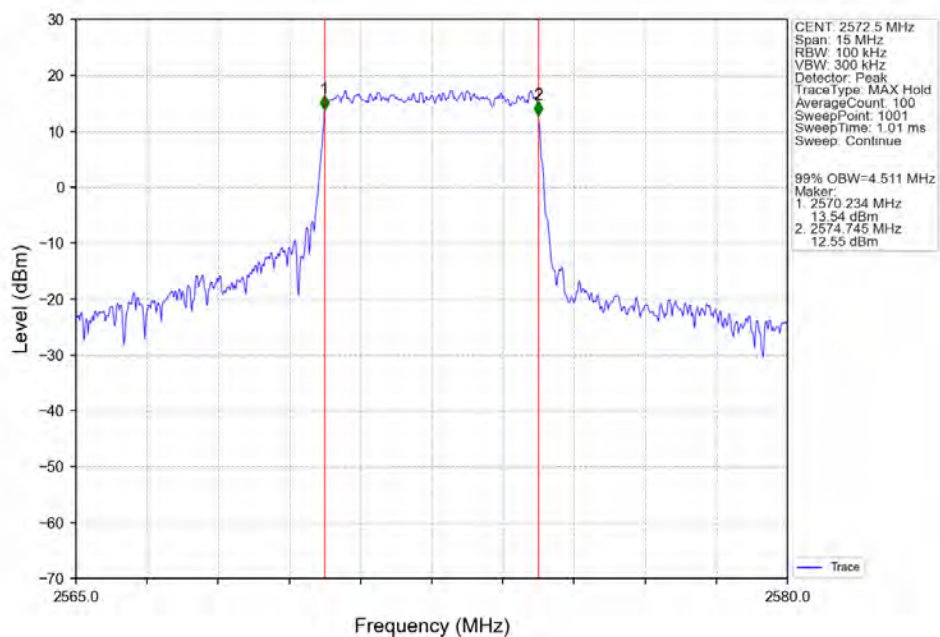
3.2.1 Band38_OBW



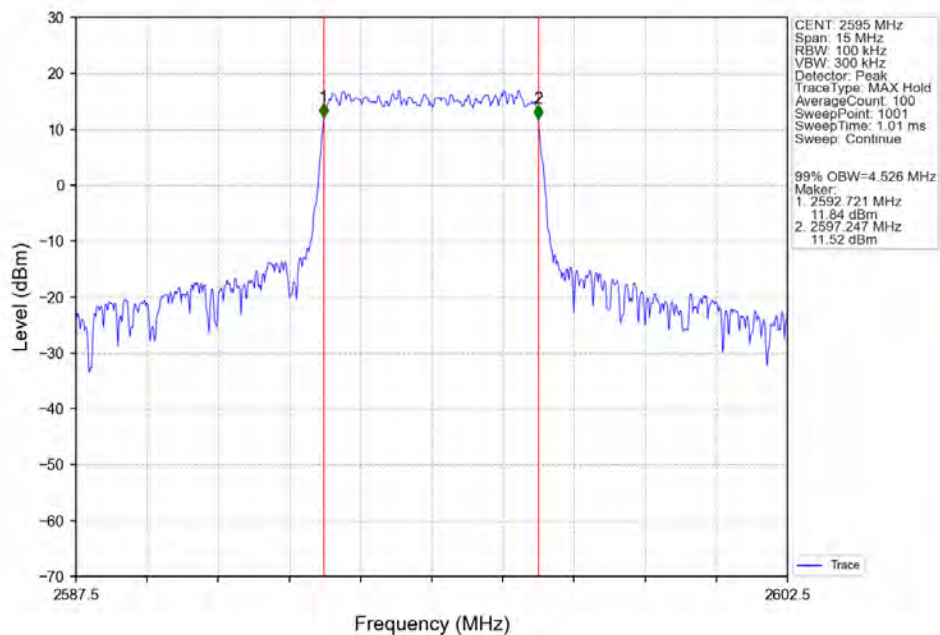
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



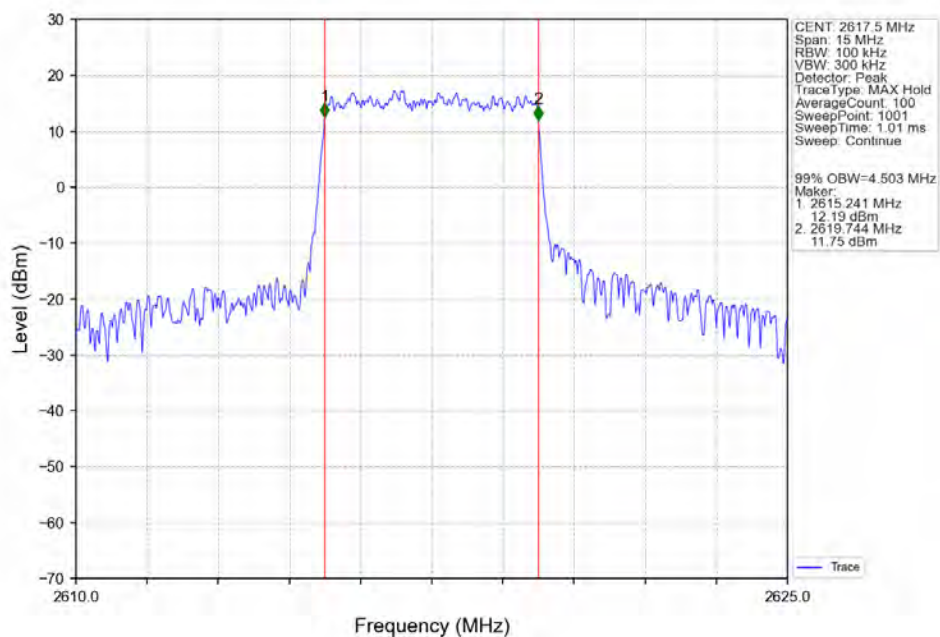
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



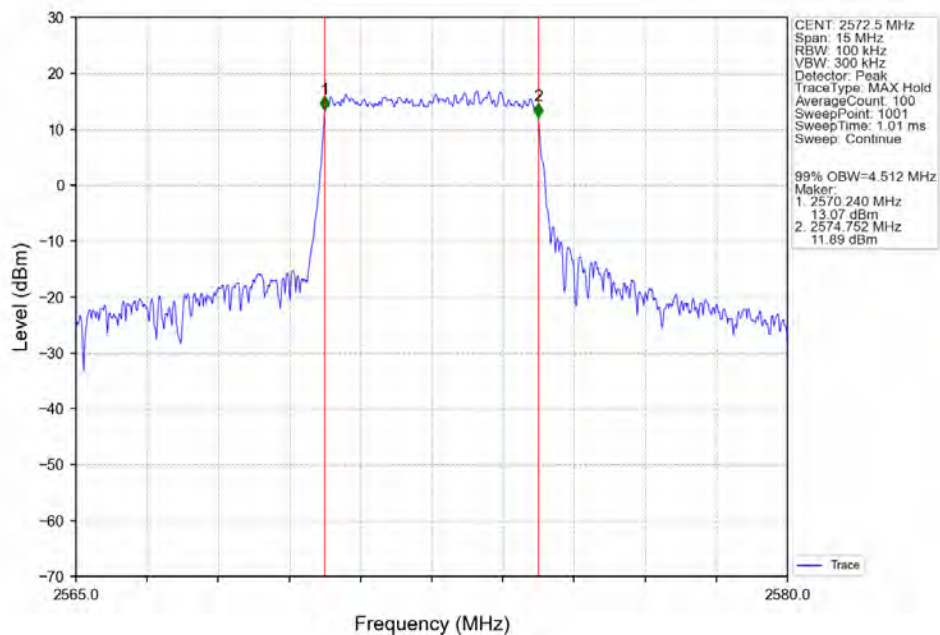
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



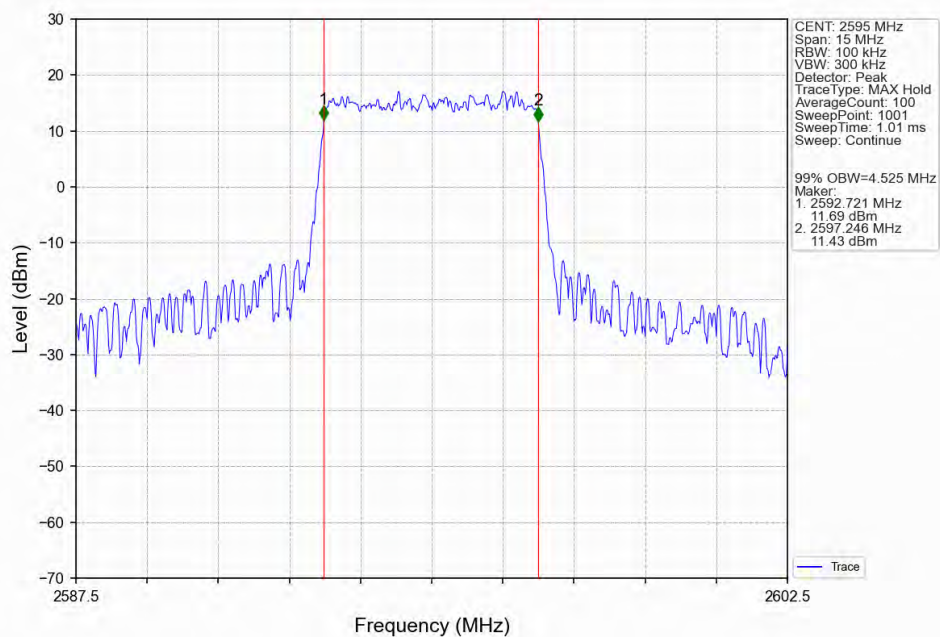
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



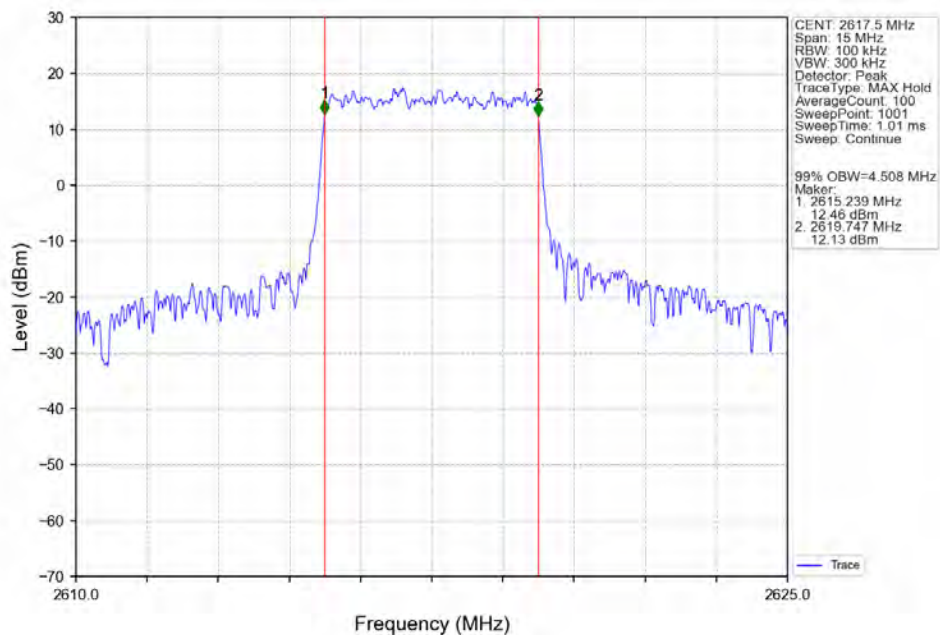
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



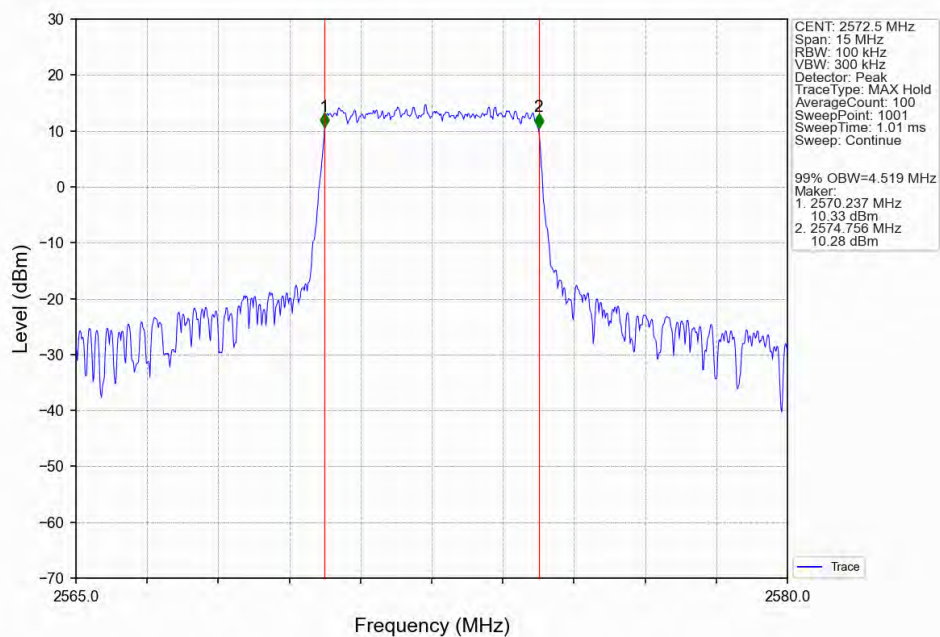
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTNV



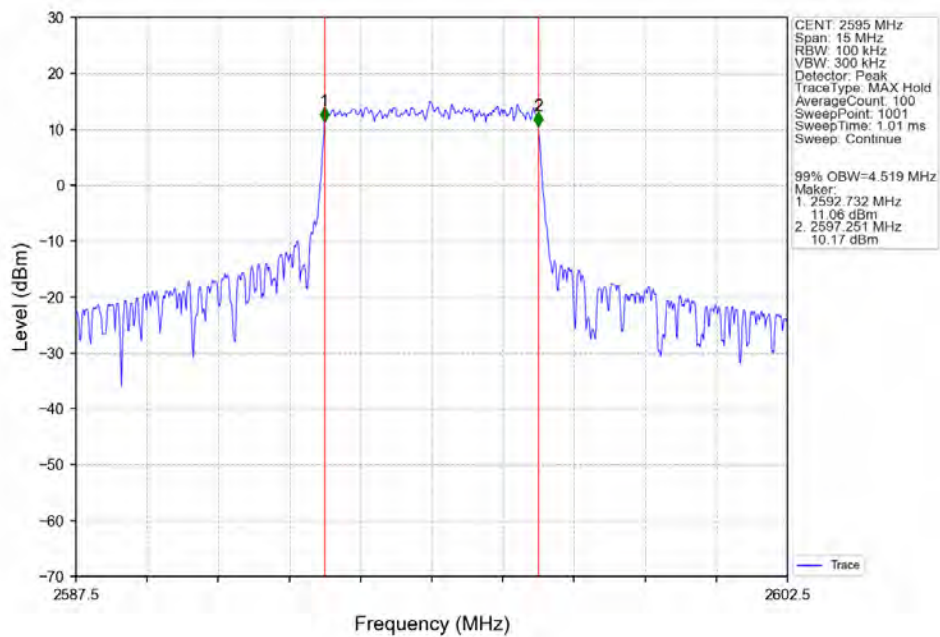
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



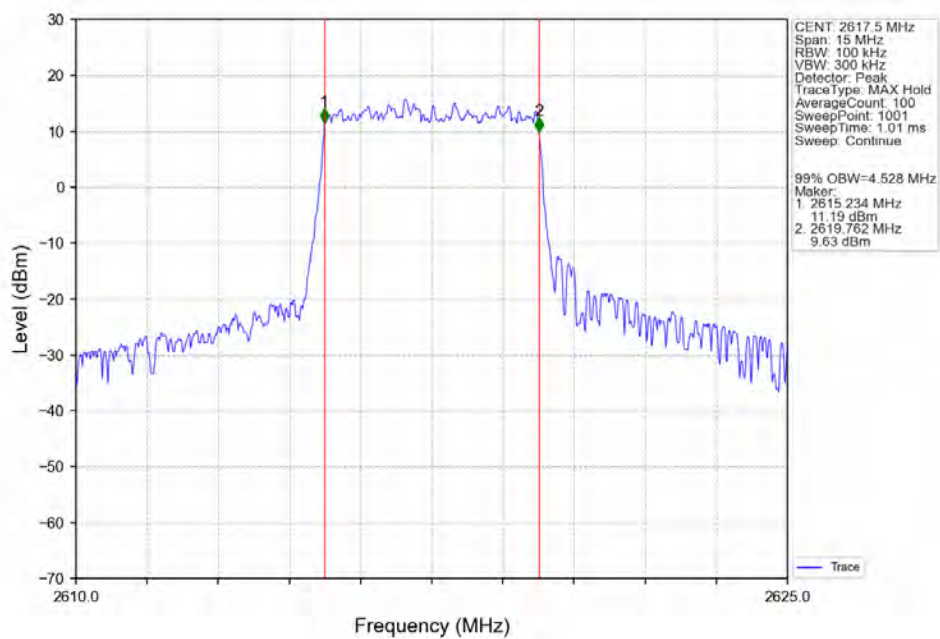
Band38_5MHz_256QAM_LCH_2572.5MHz_RB_25_0_NTNV



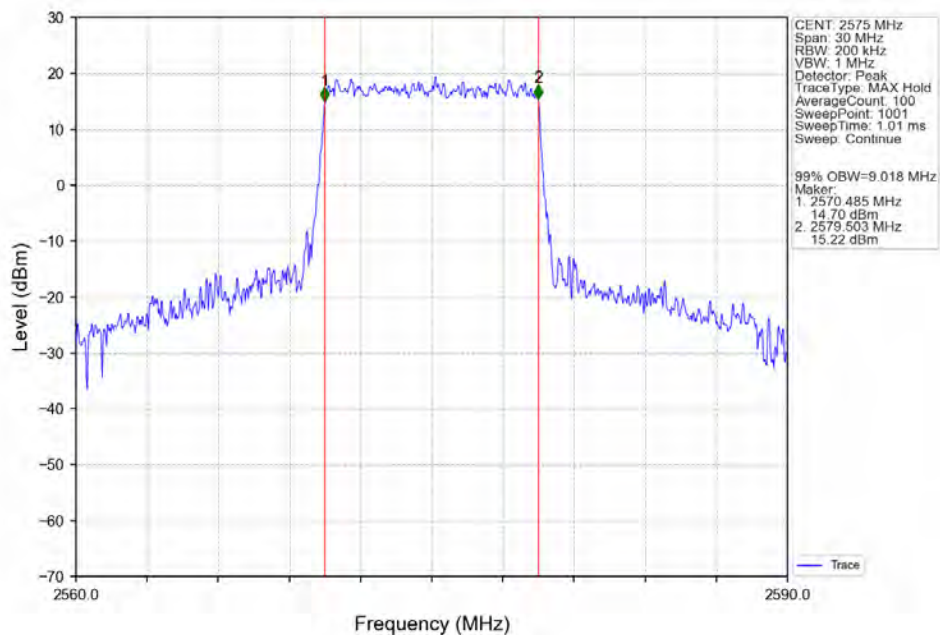
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTNV



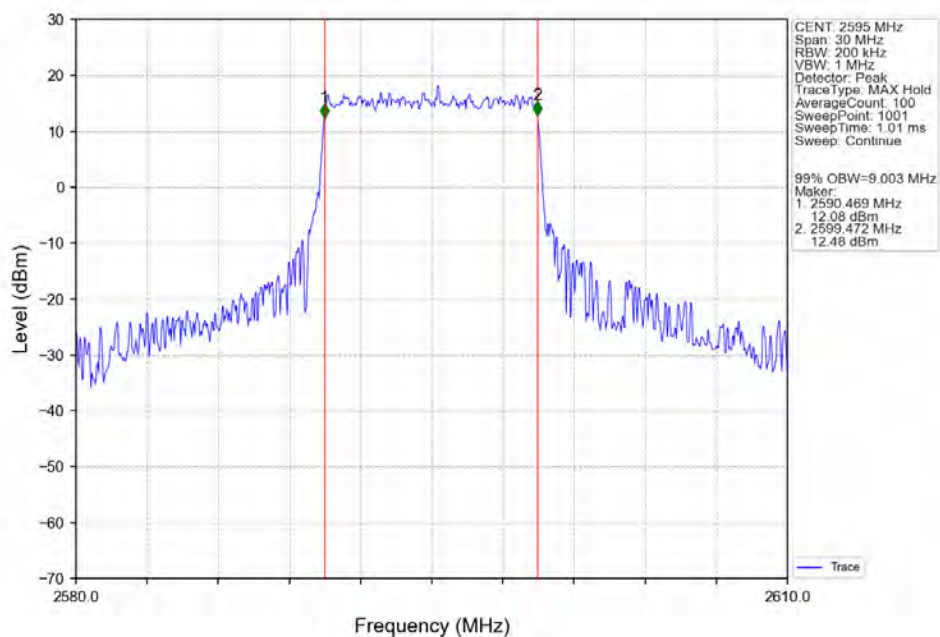
Band38 5MHz 256QAM HCH 2617.5MHz RB 25 0 NTNV



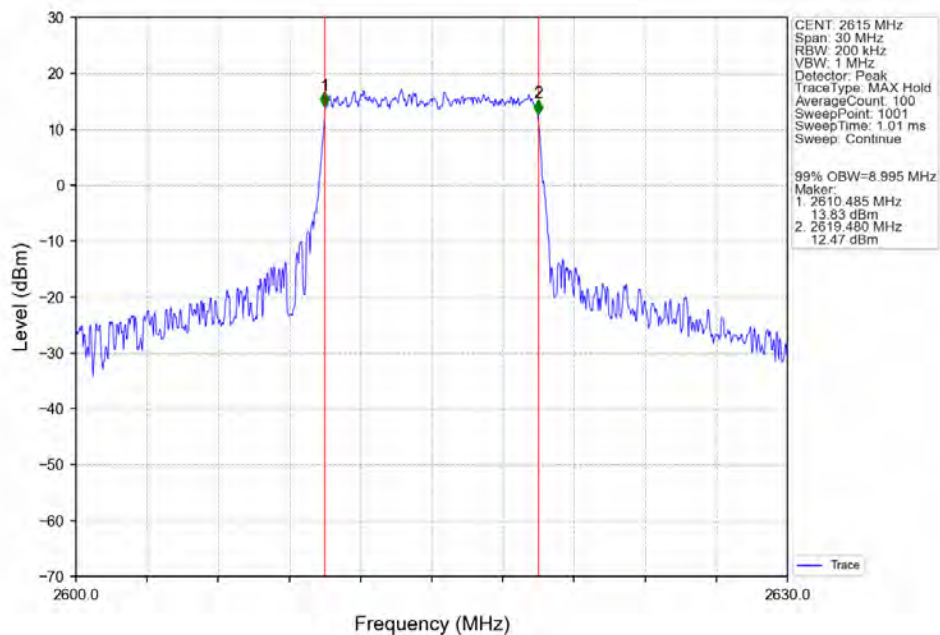
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



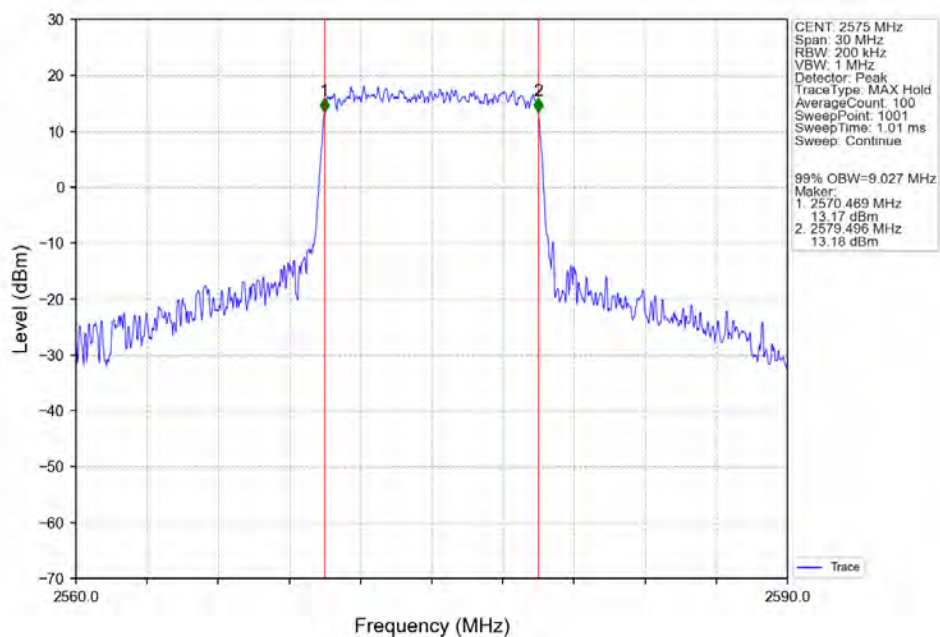
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



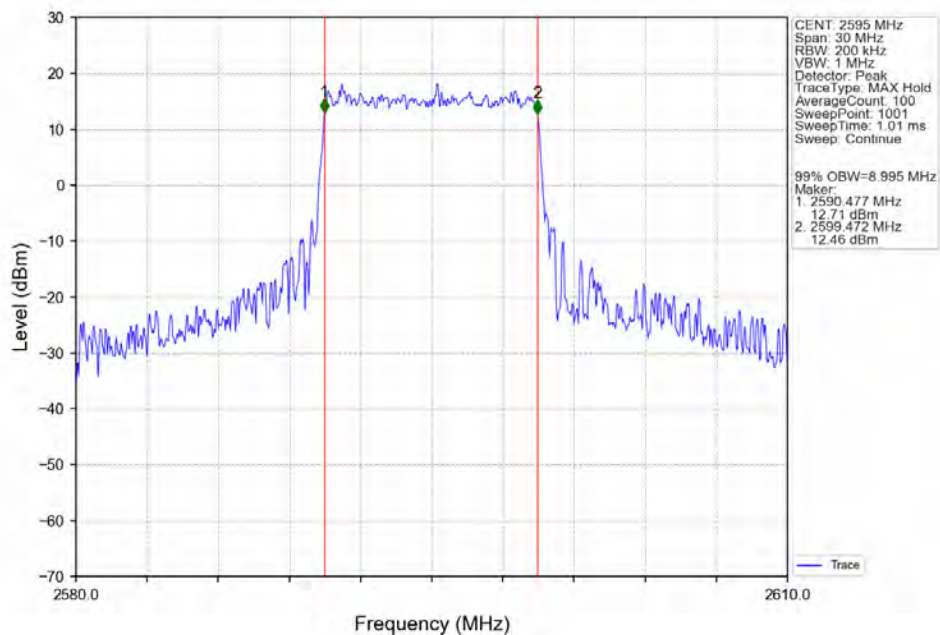
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



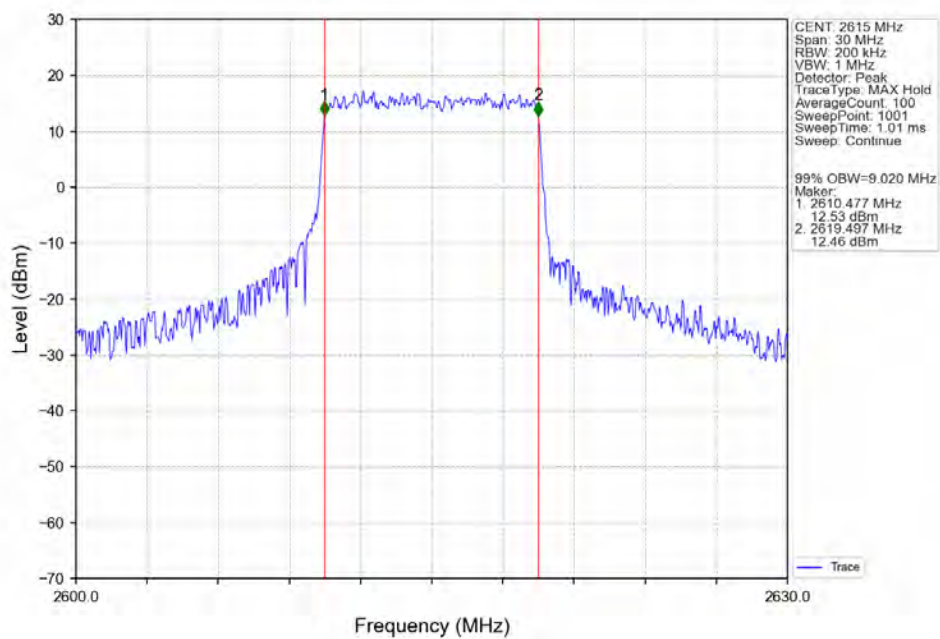
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



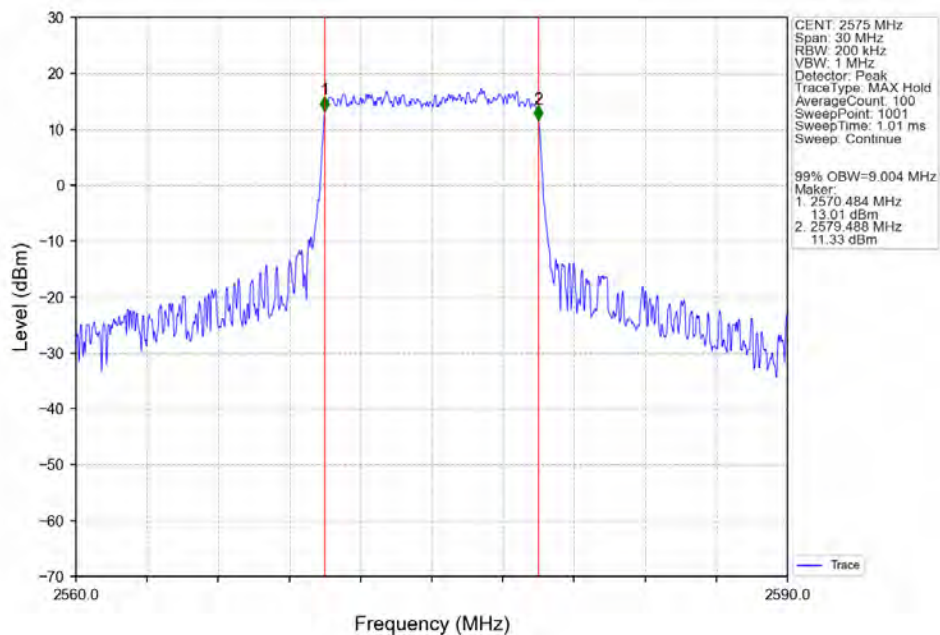
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



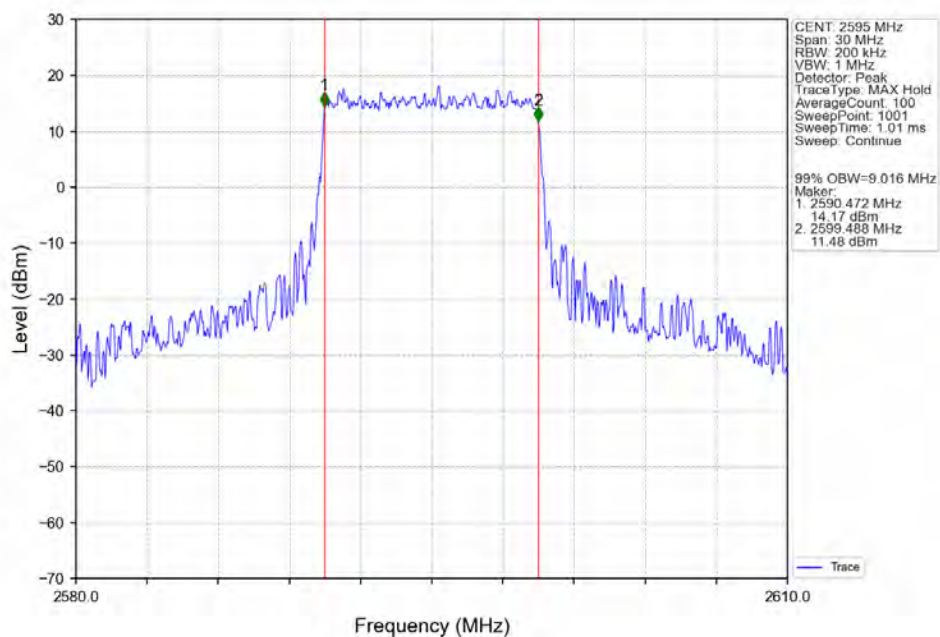
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



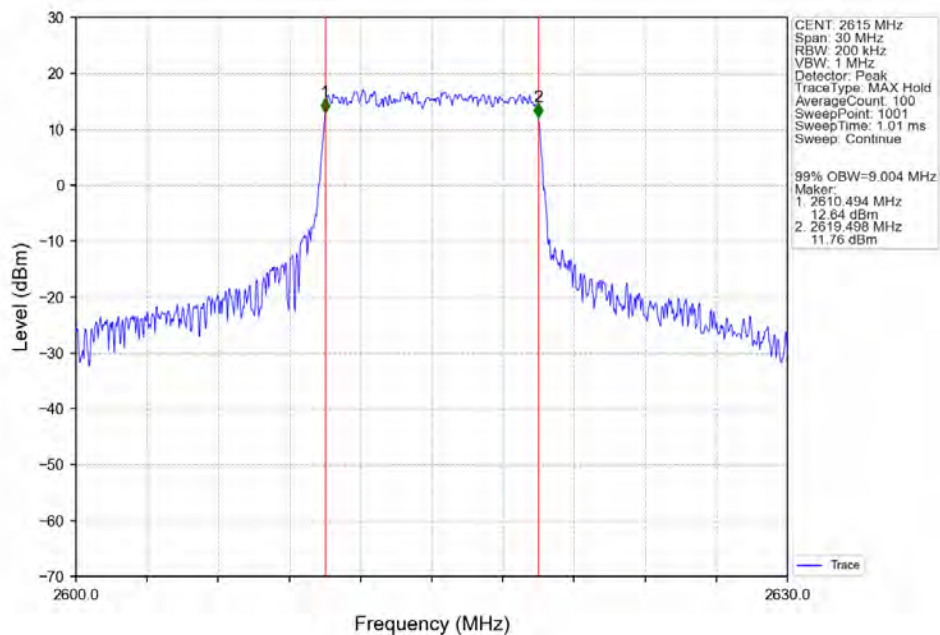
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



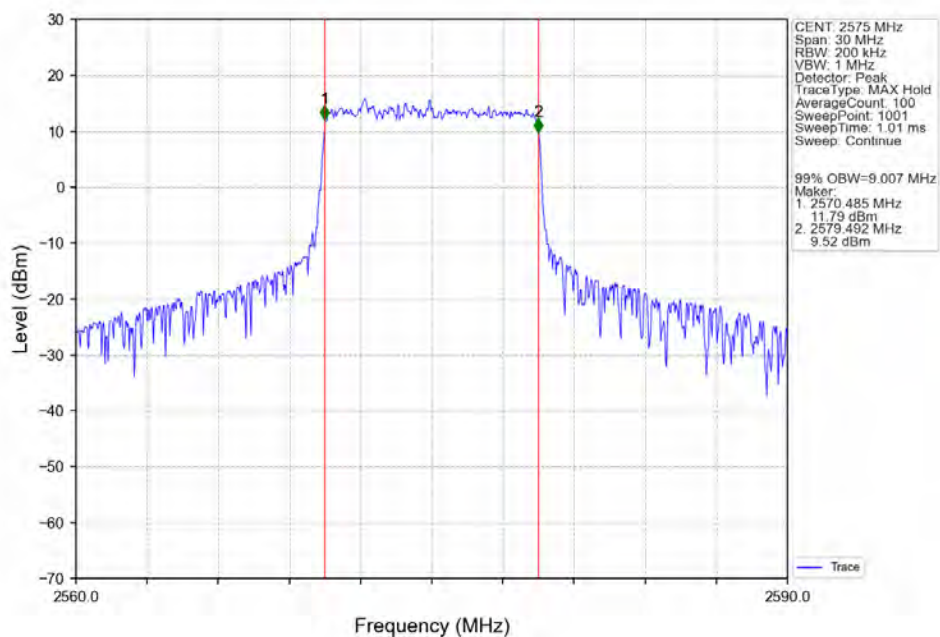
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



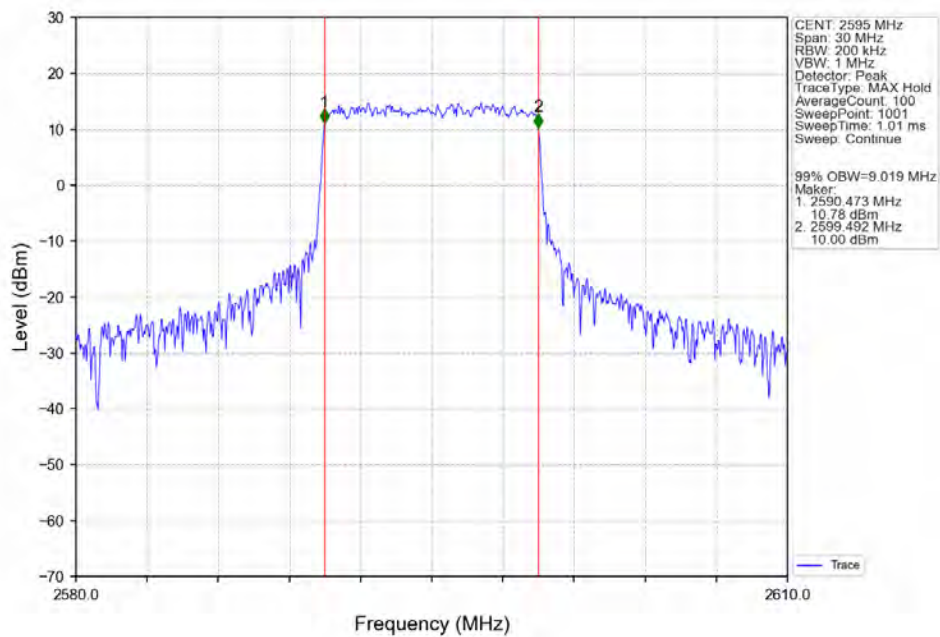
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



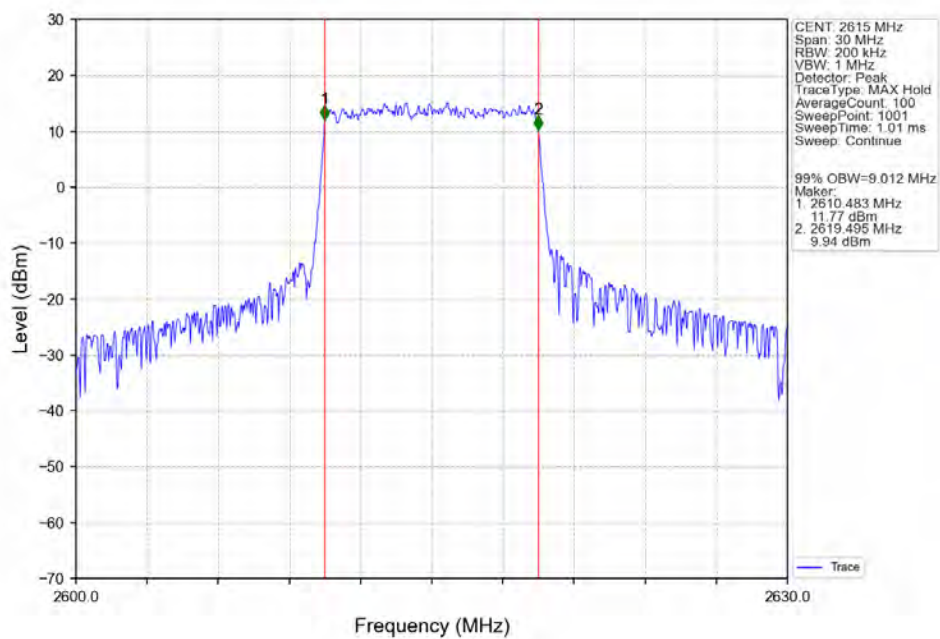
Band38_10MHz_256QAM_LCH_2575MHz_RB_50_0_NTNV



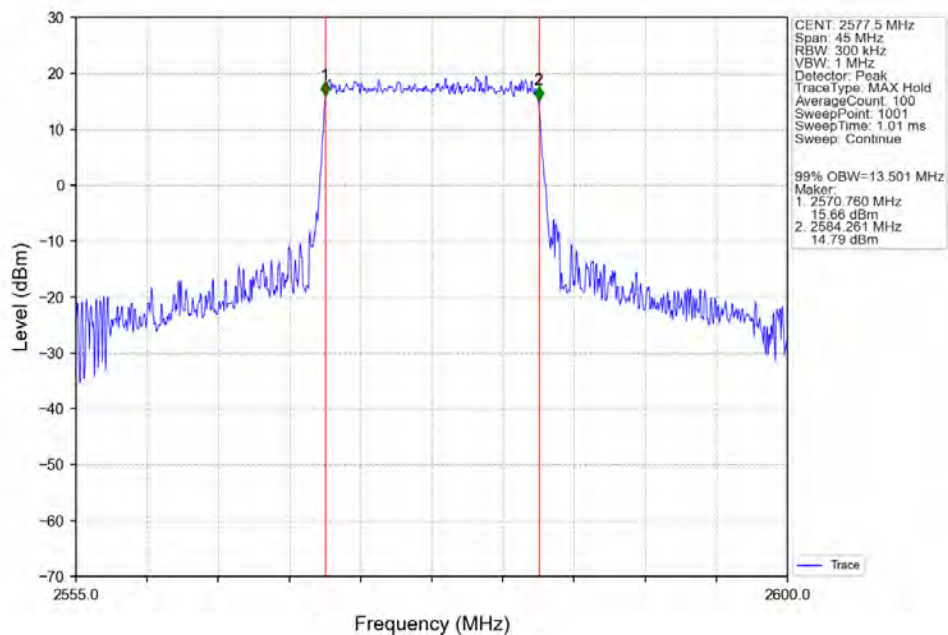
Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV



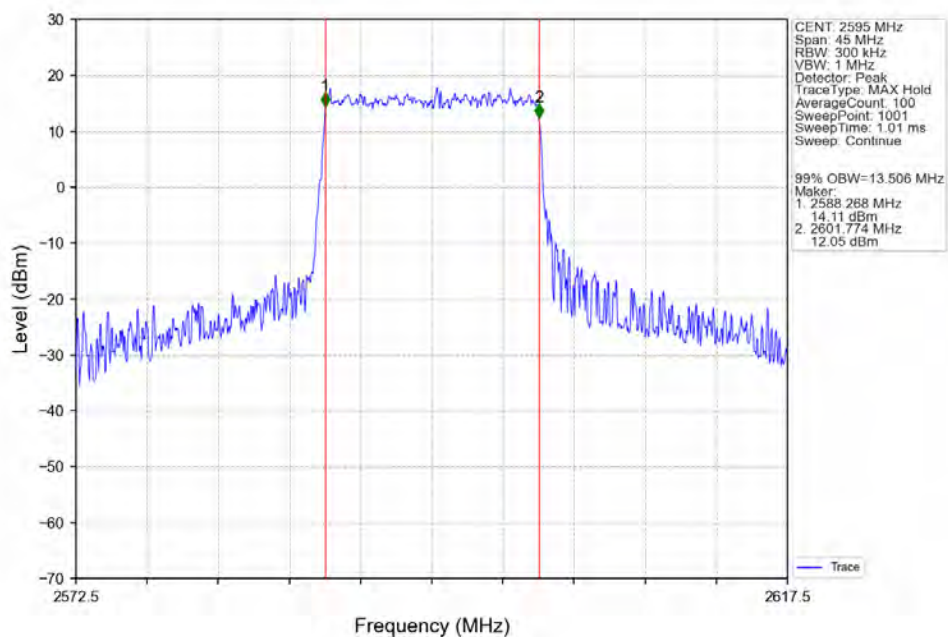
Band38_10MHz_256QAM_HCH_2615MHz_RB_50_0_NTNV



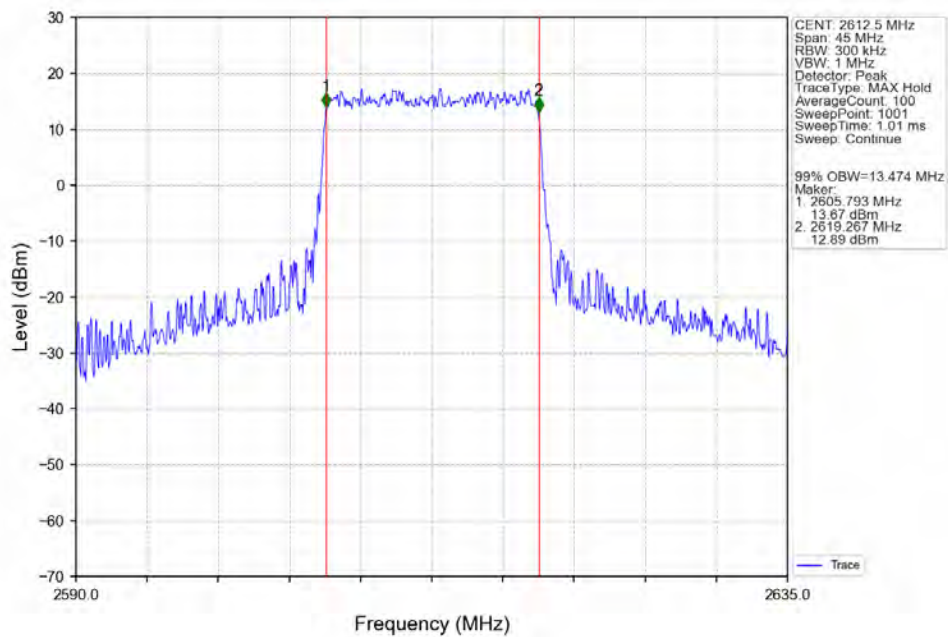
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



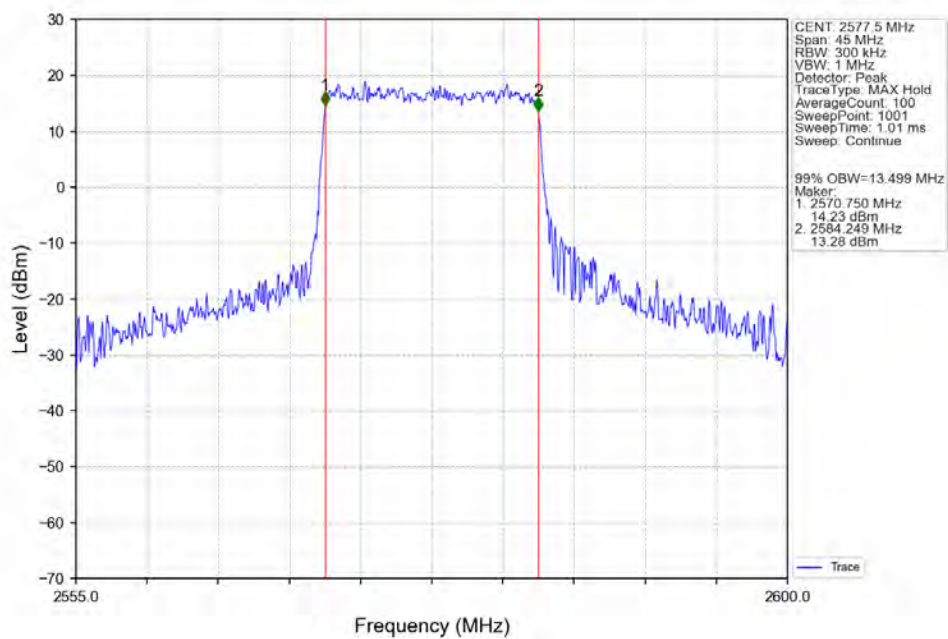
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



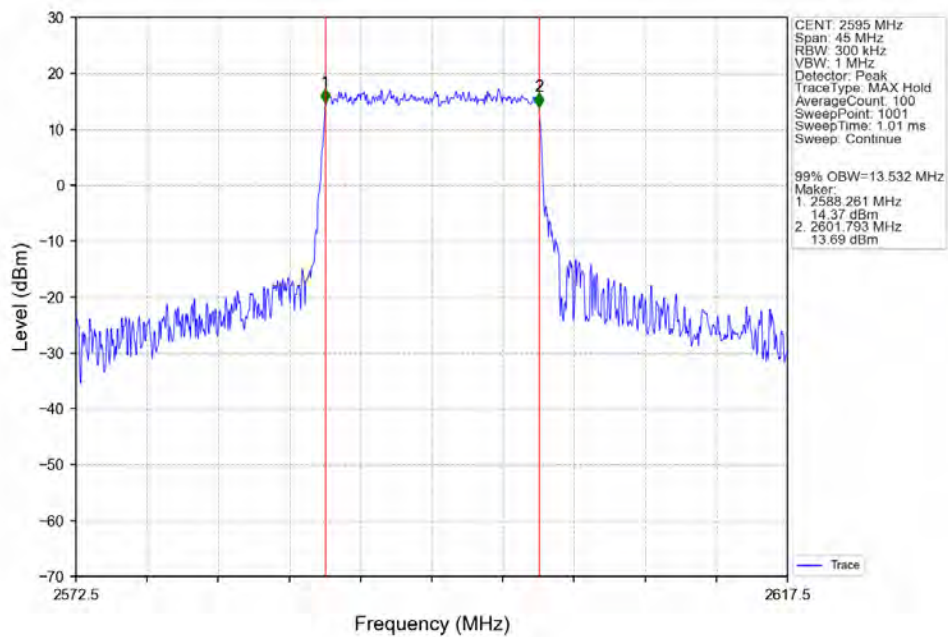
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



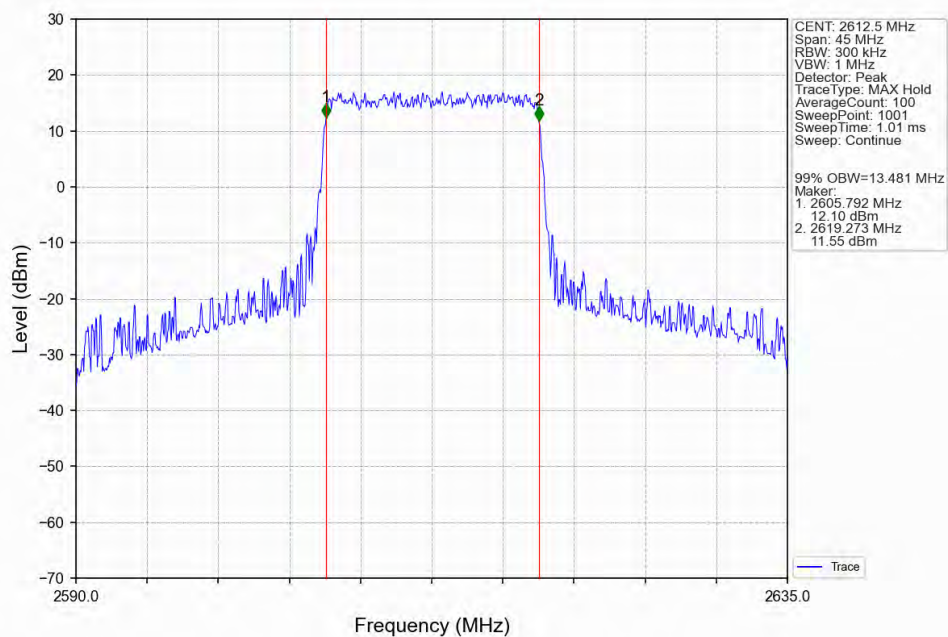
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



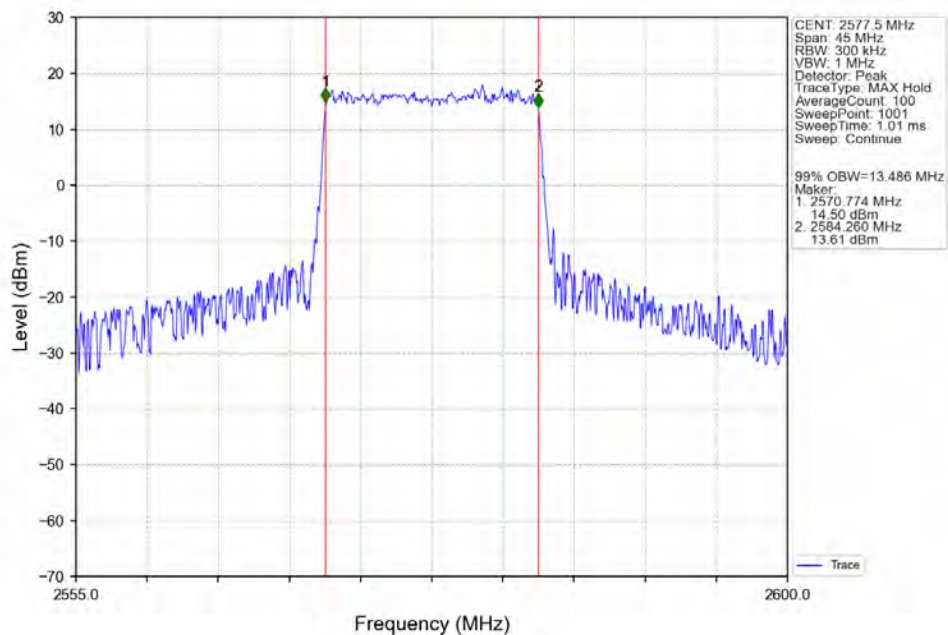
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



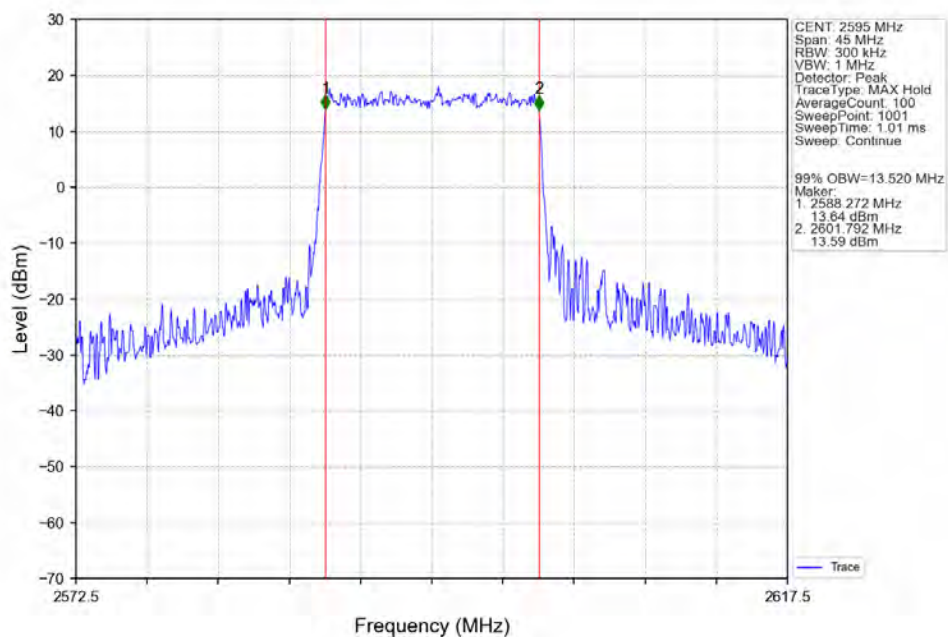
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



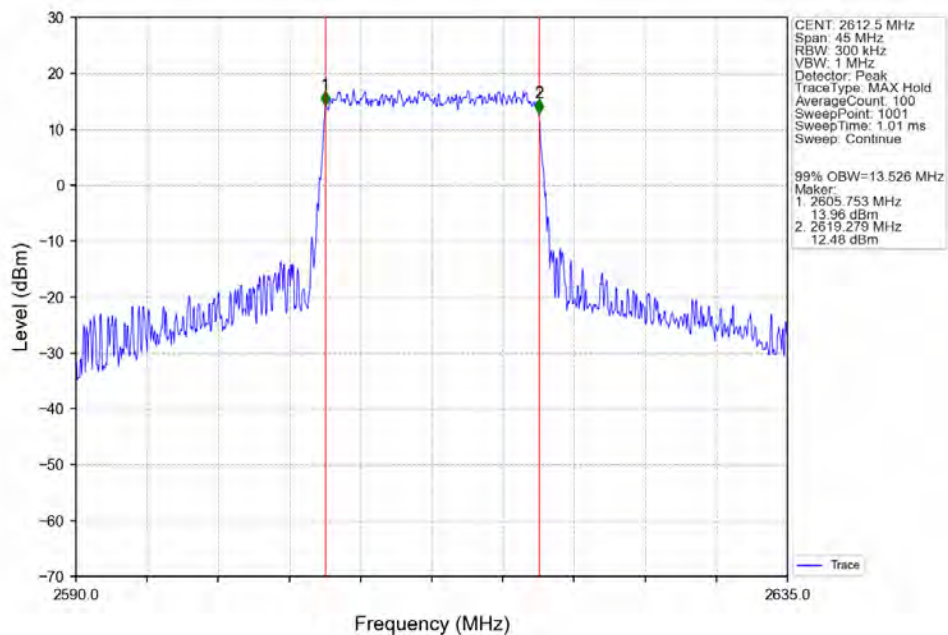
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



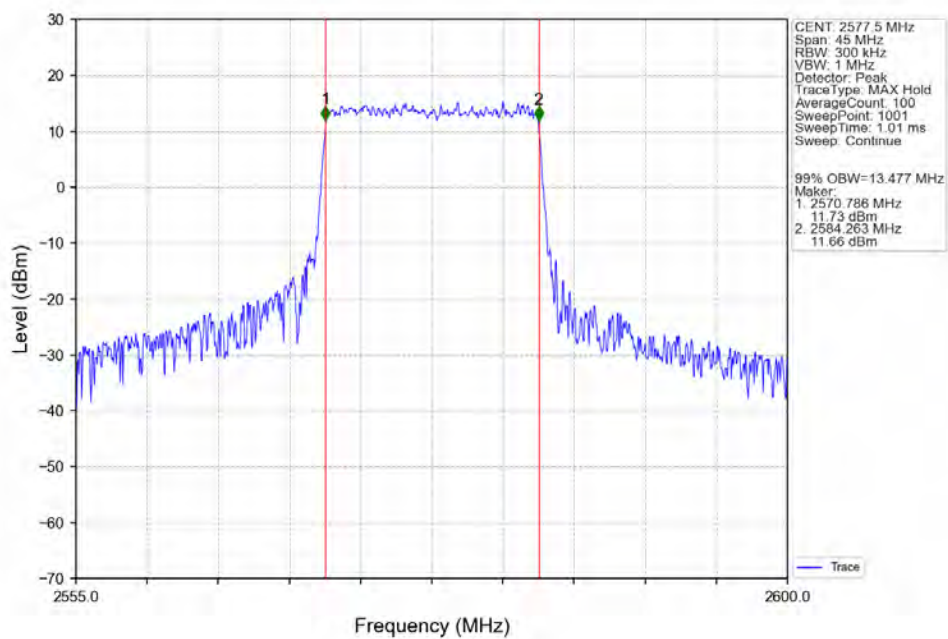
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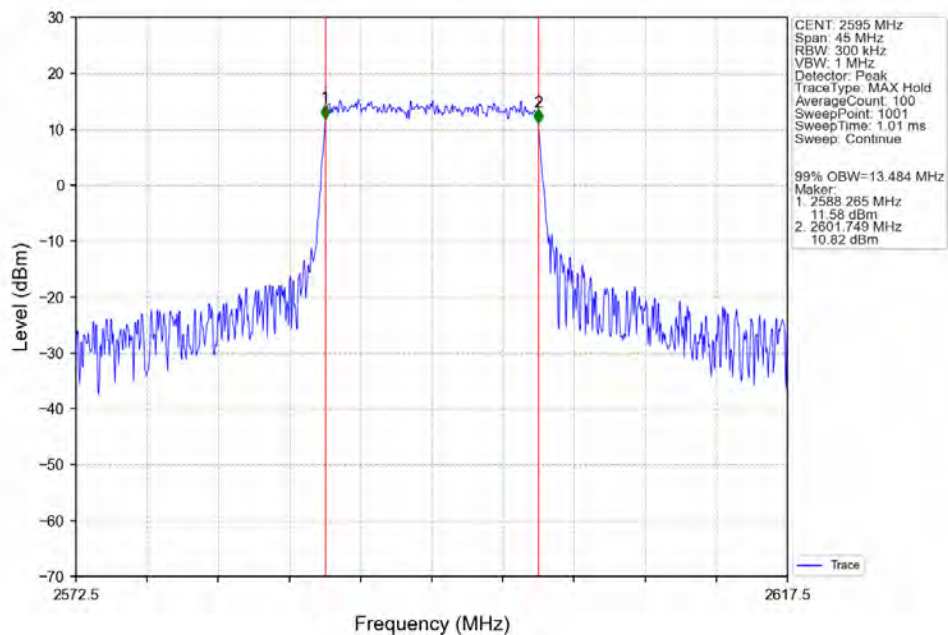
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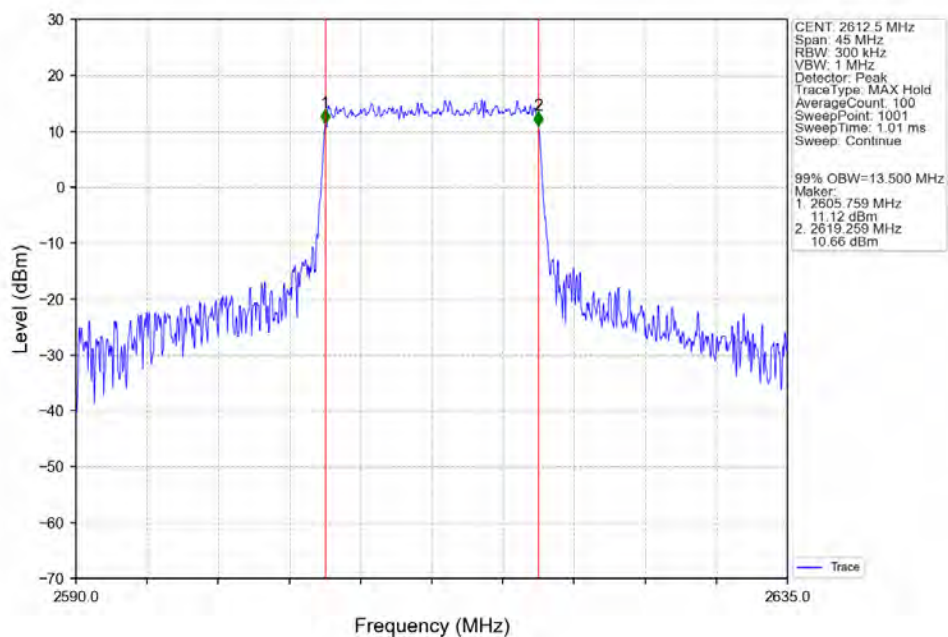
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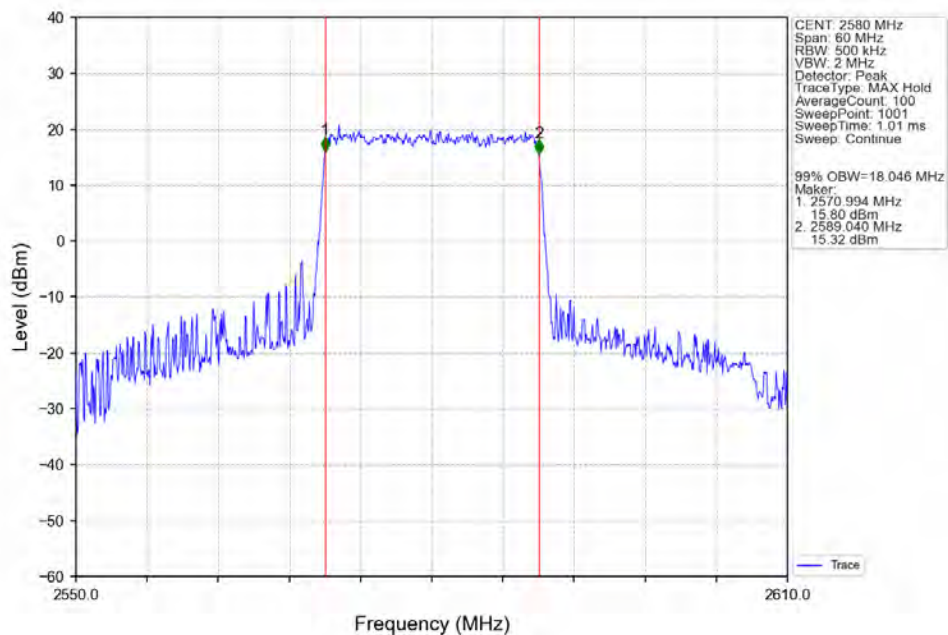
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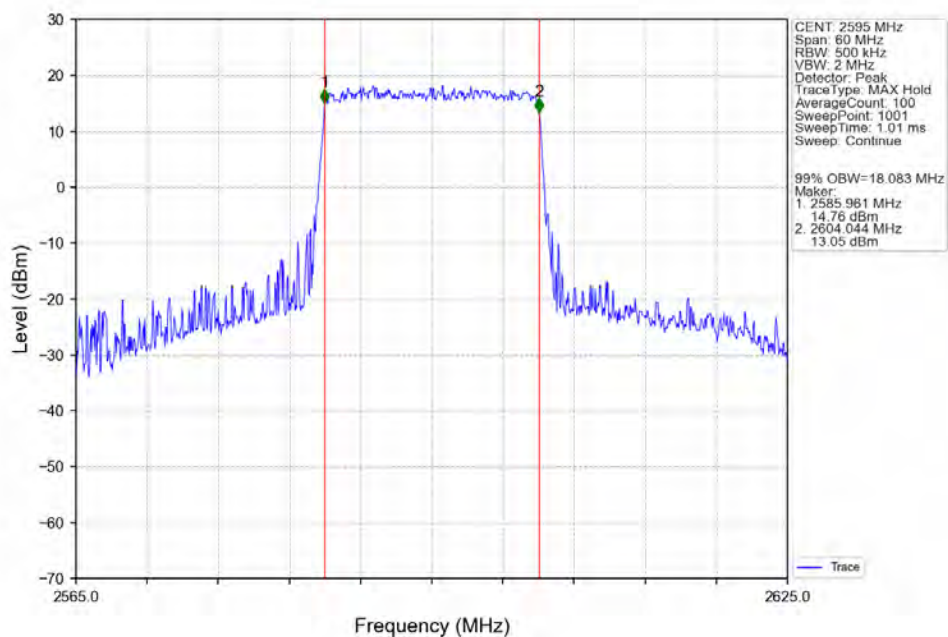
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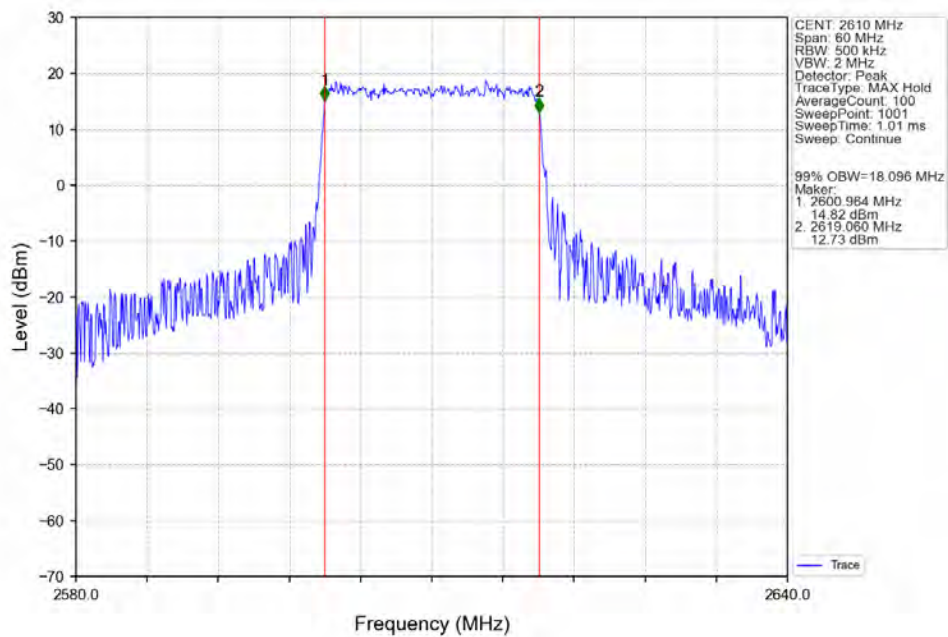
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



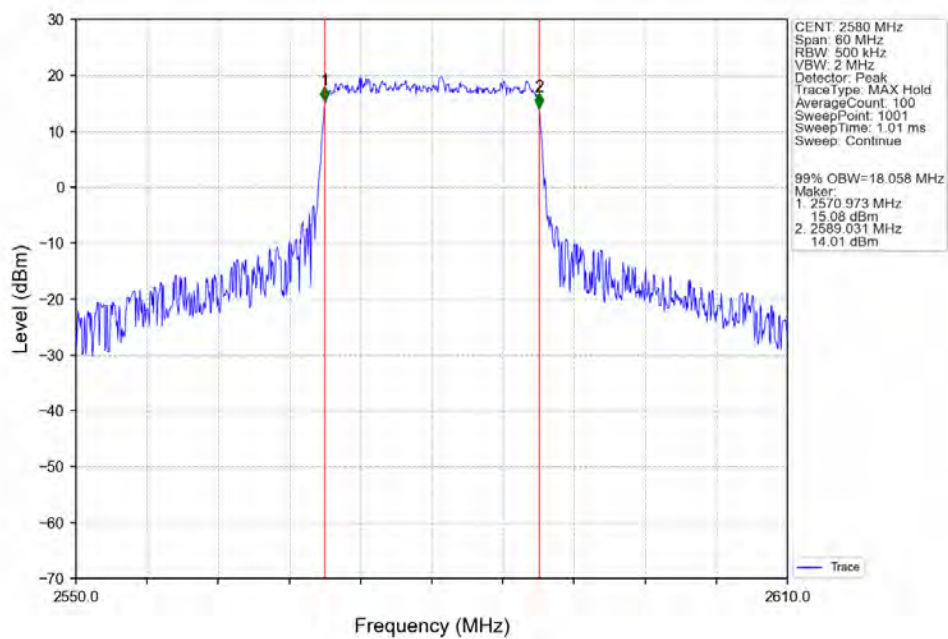
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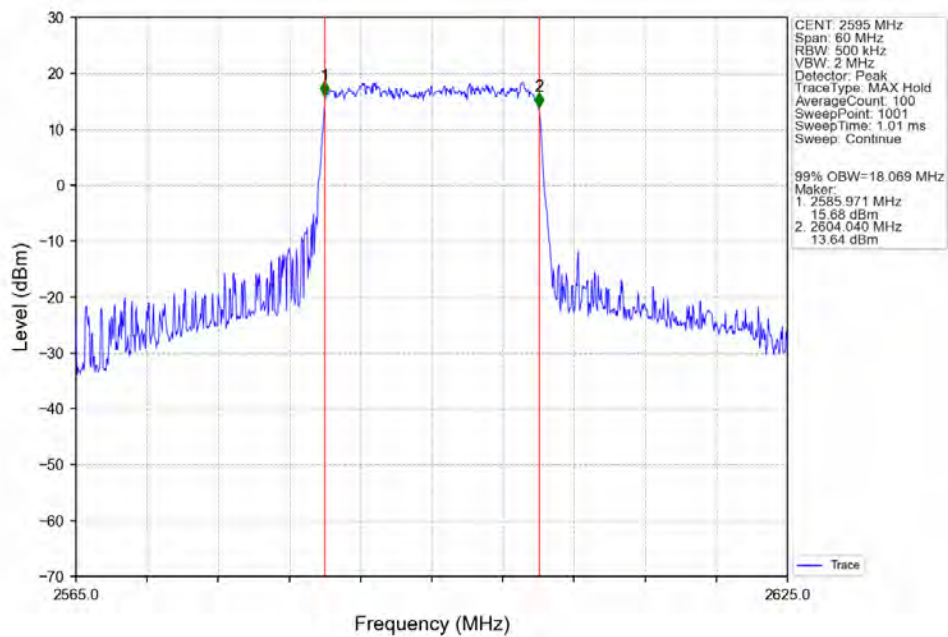
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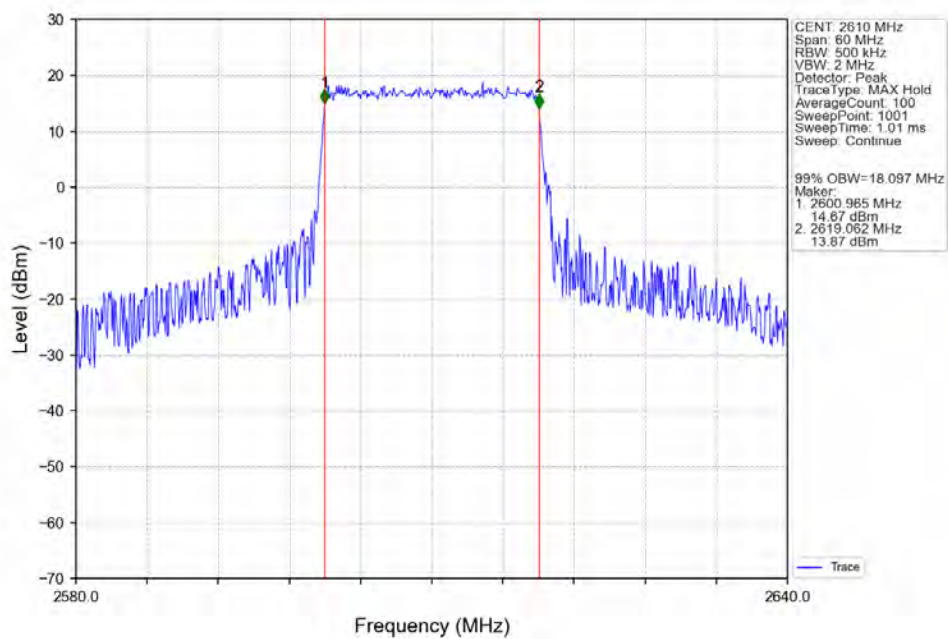
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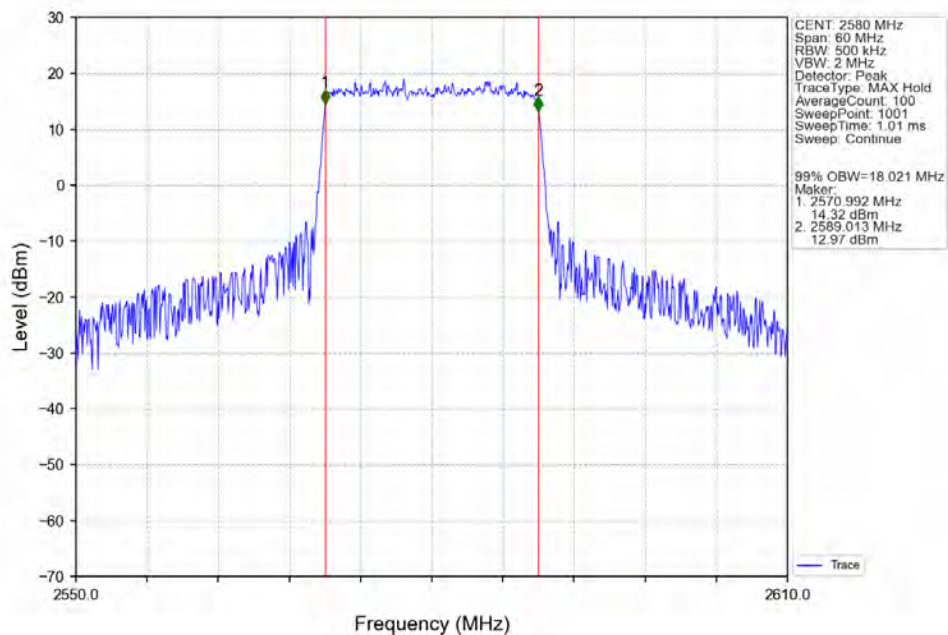
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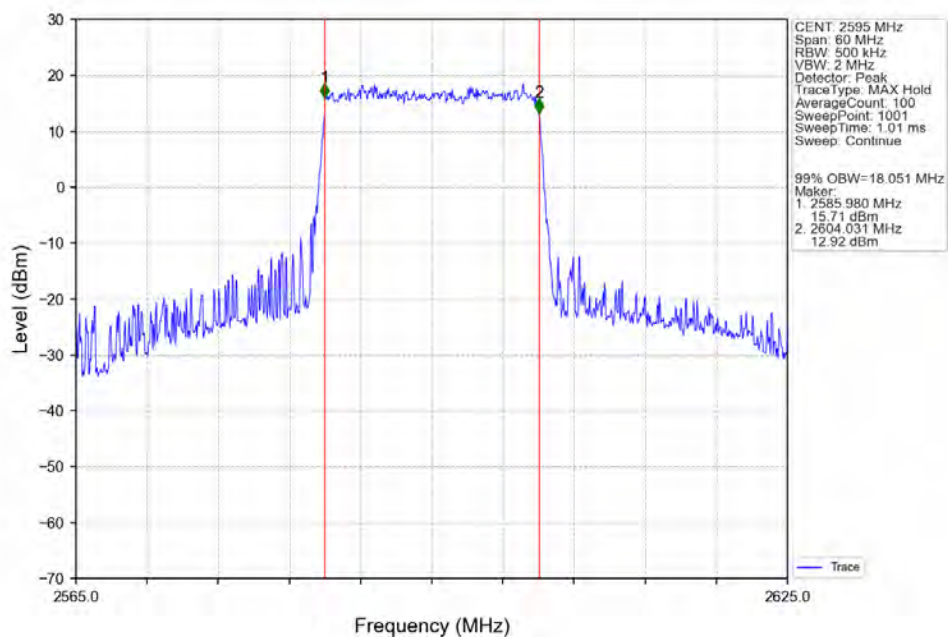
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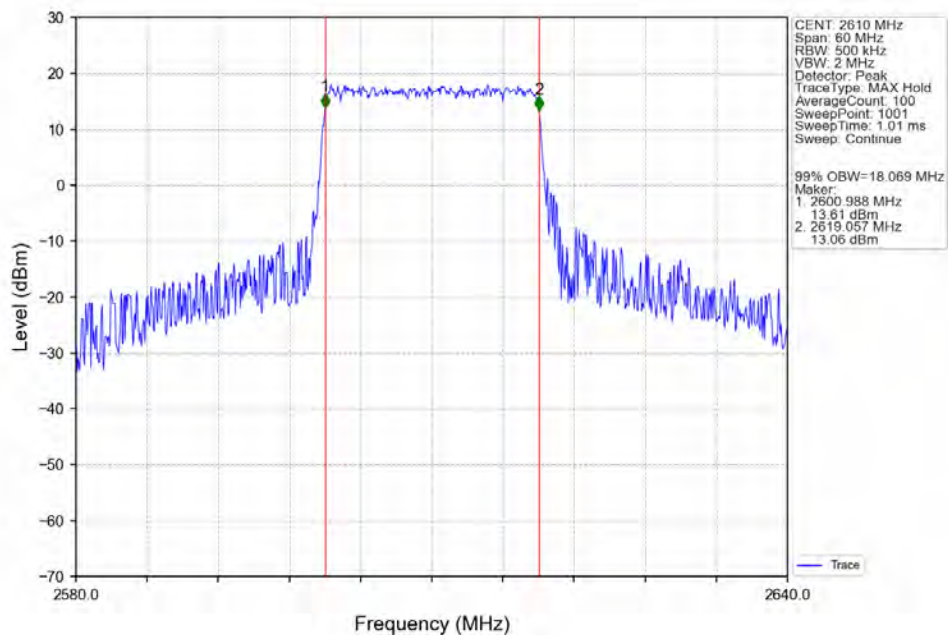
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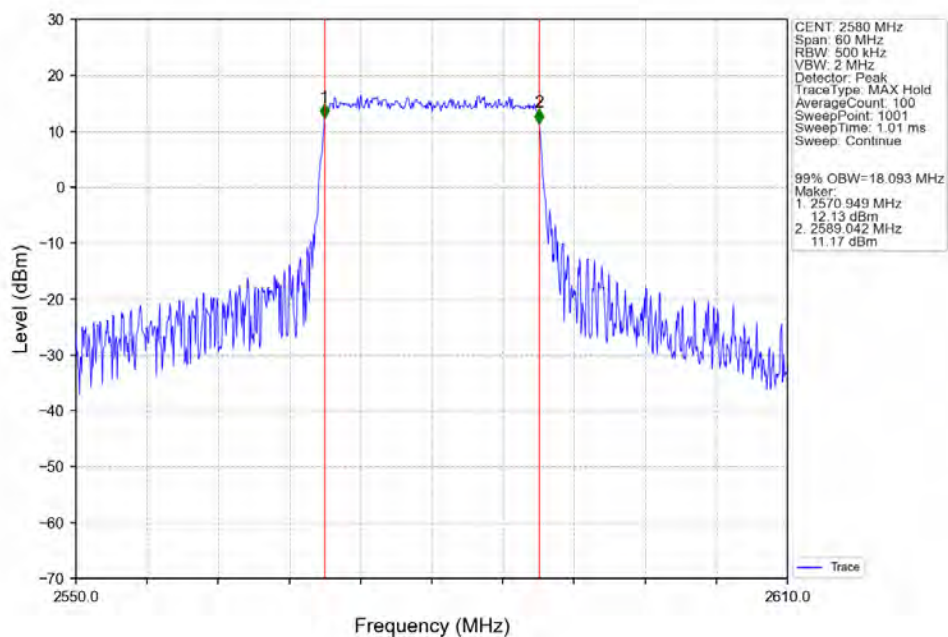
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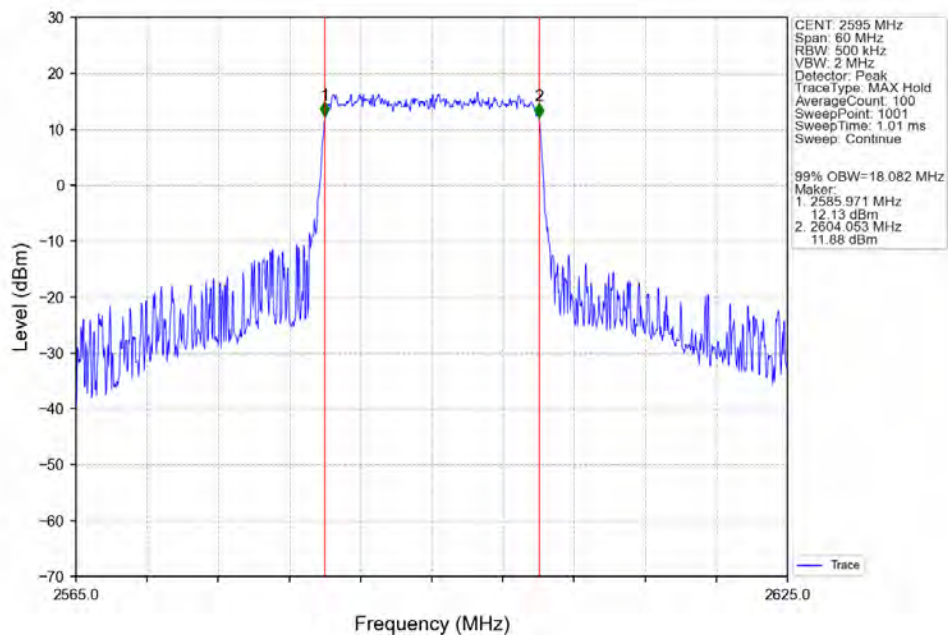
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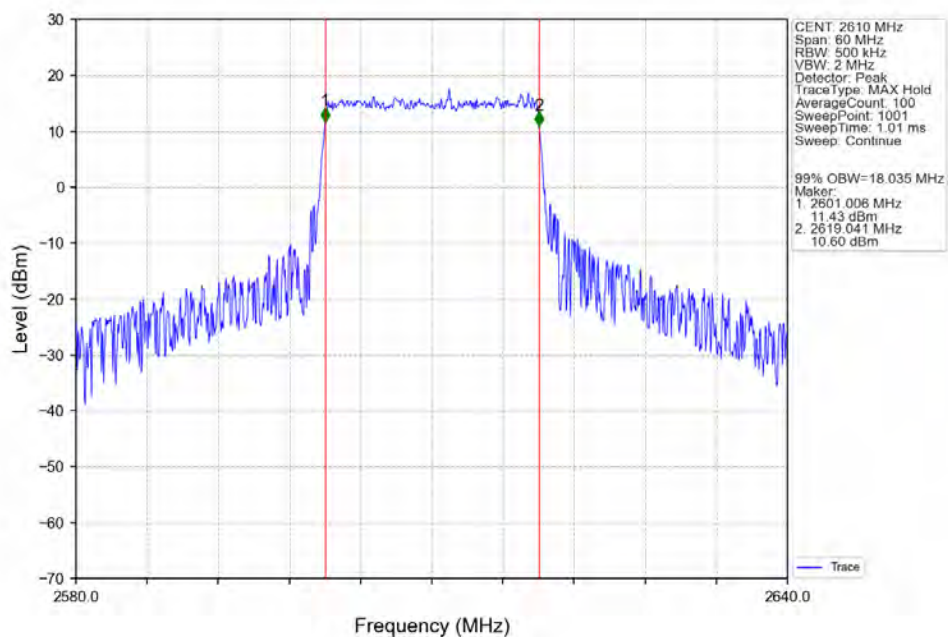
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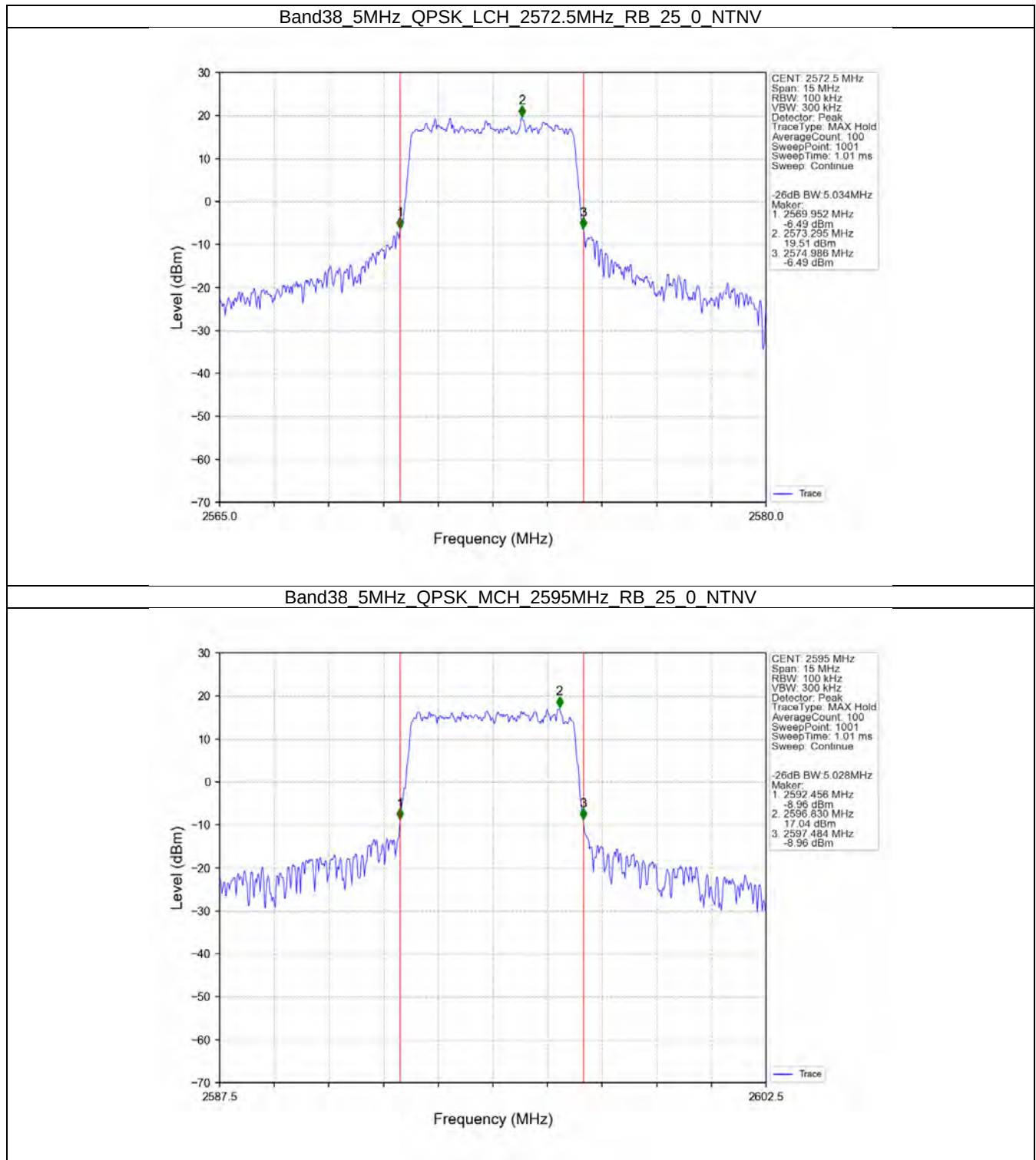
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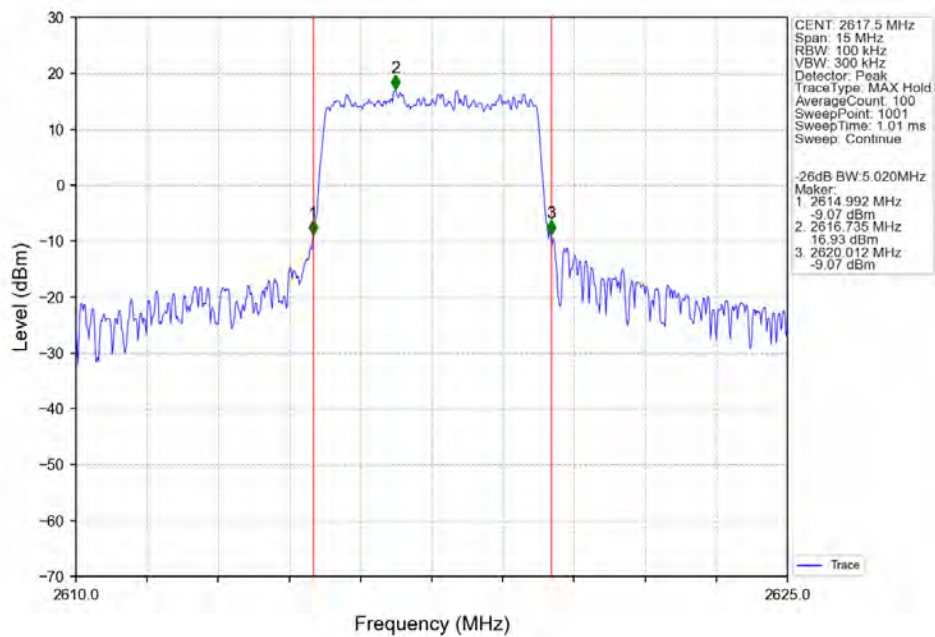
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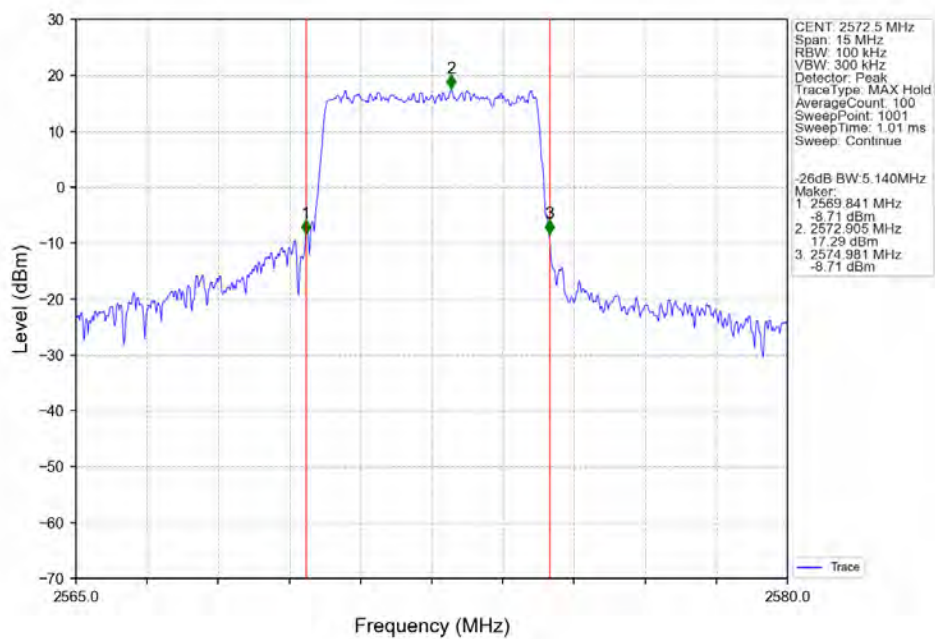
3.2.2 Band38_XDB



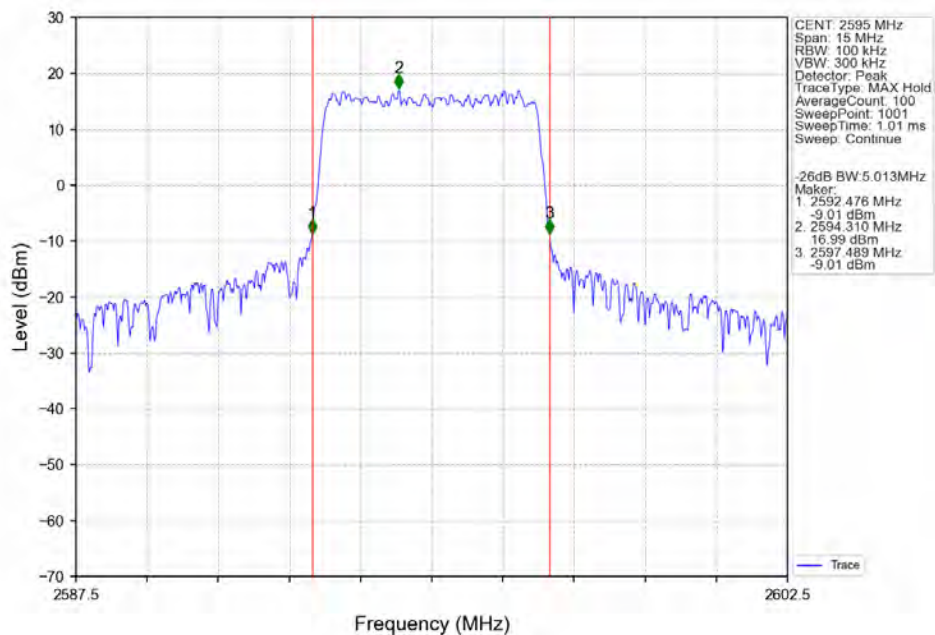
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



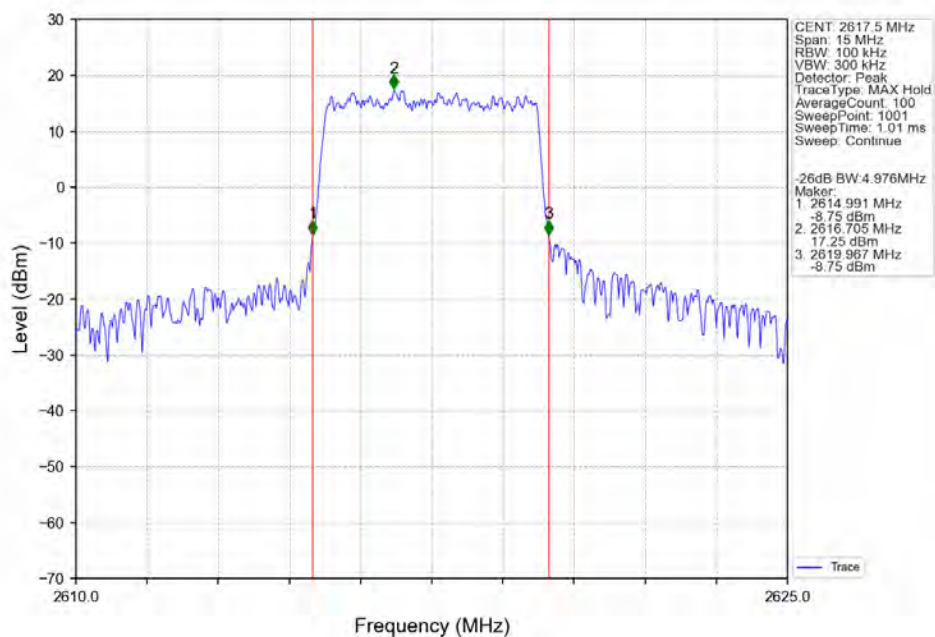
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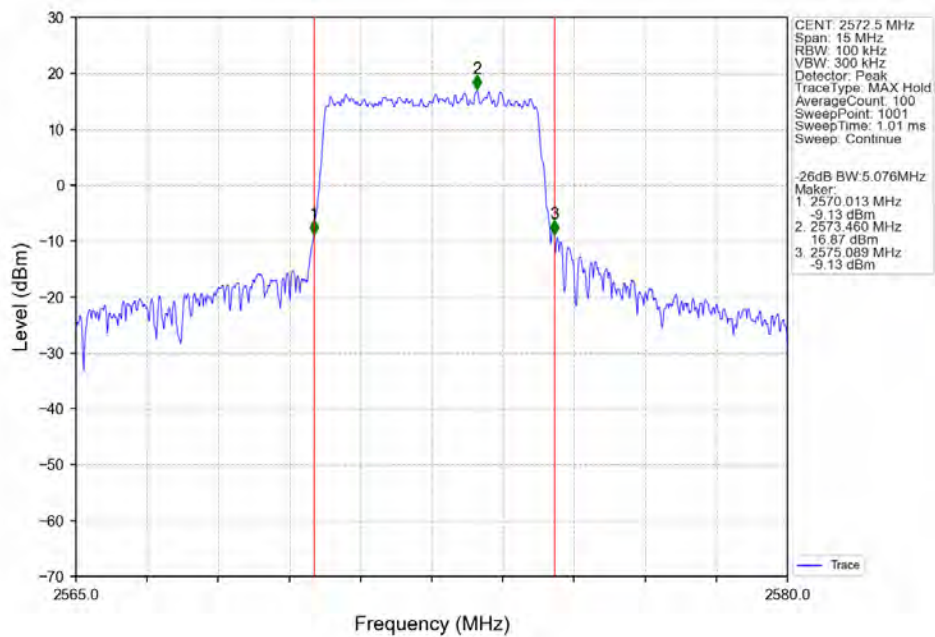
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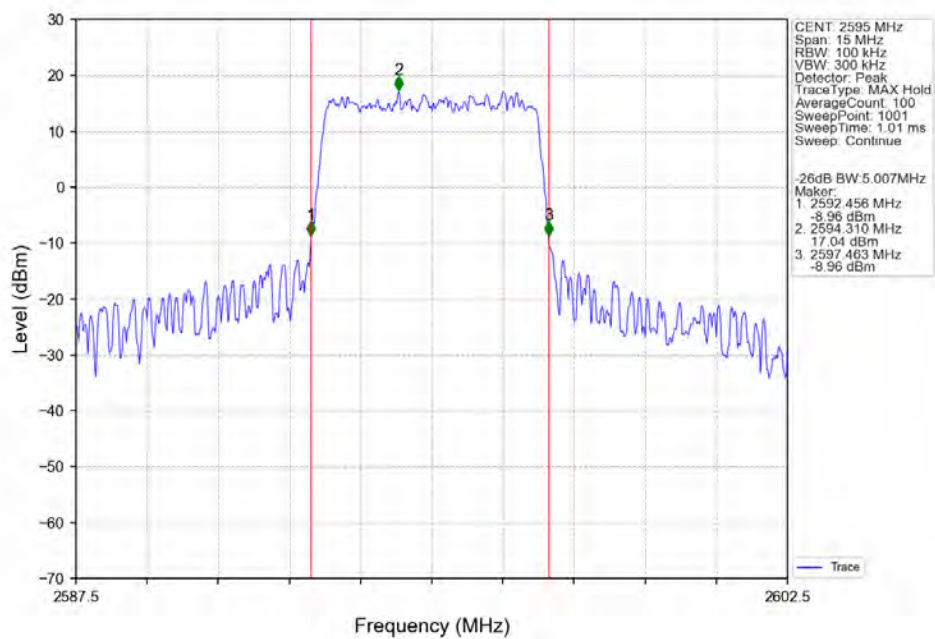
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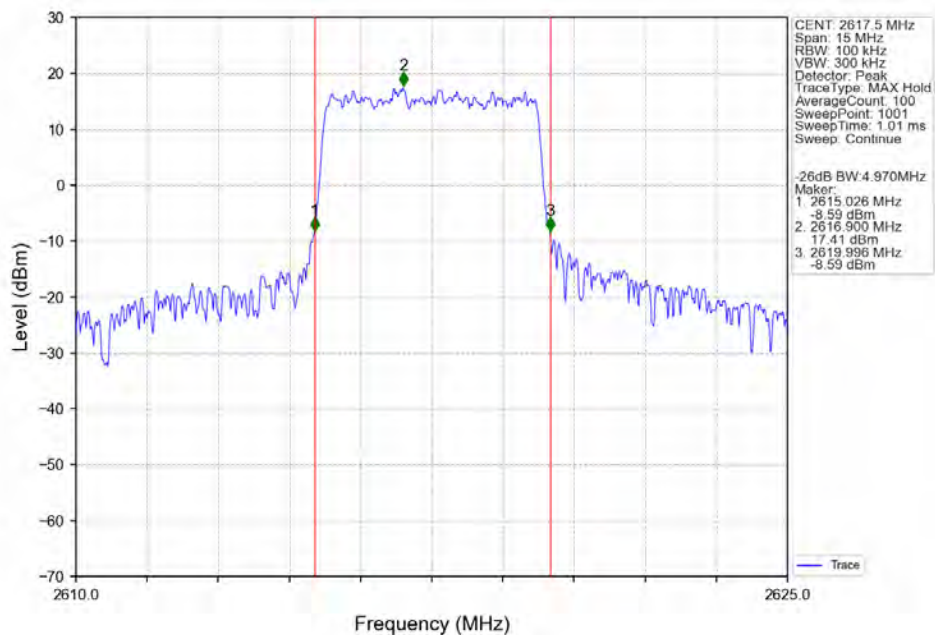
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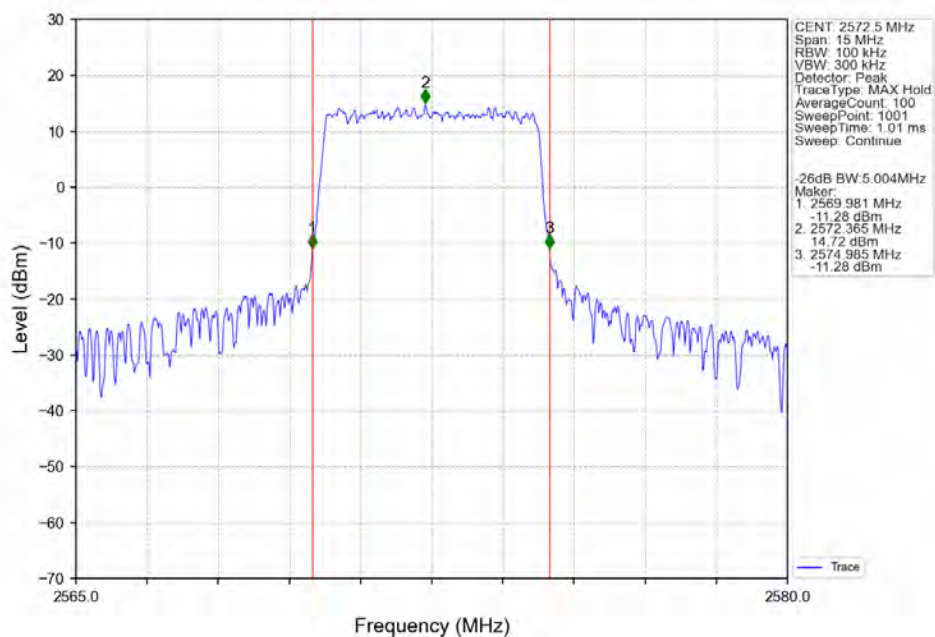
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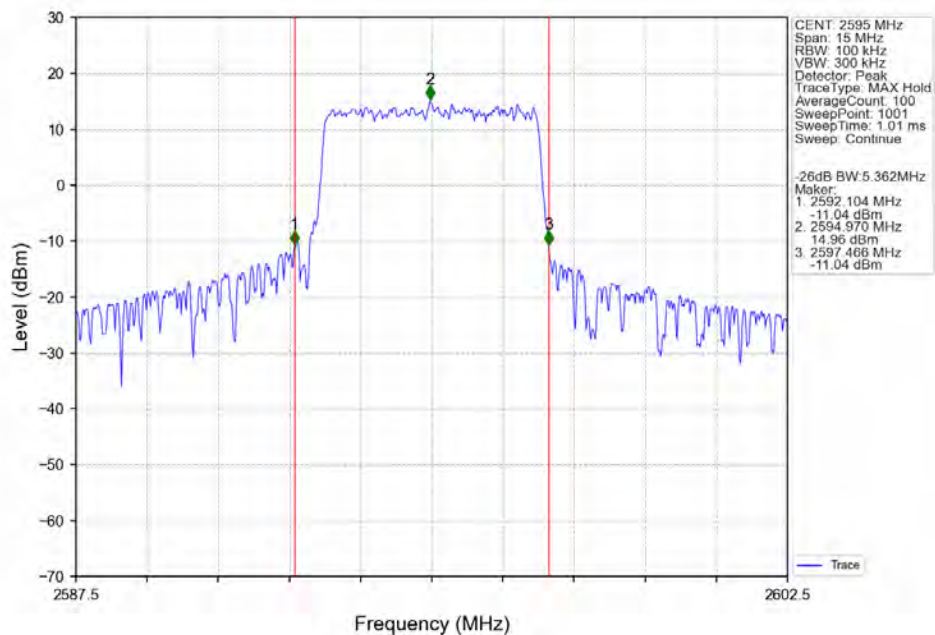
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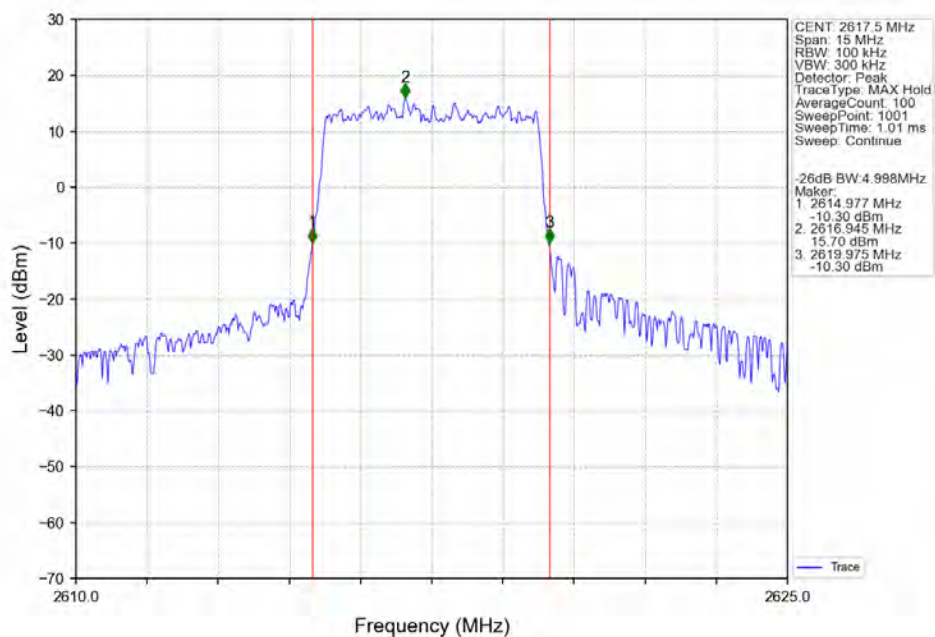
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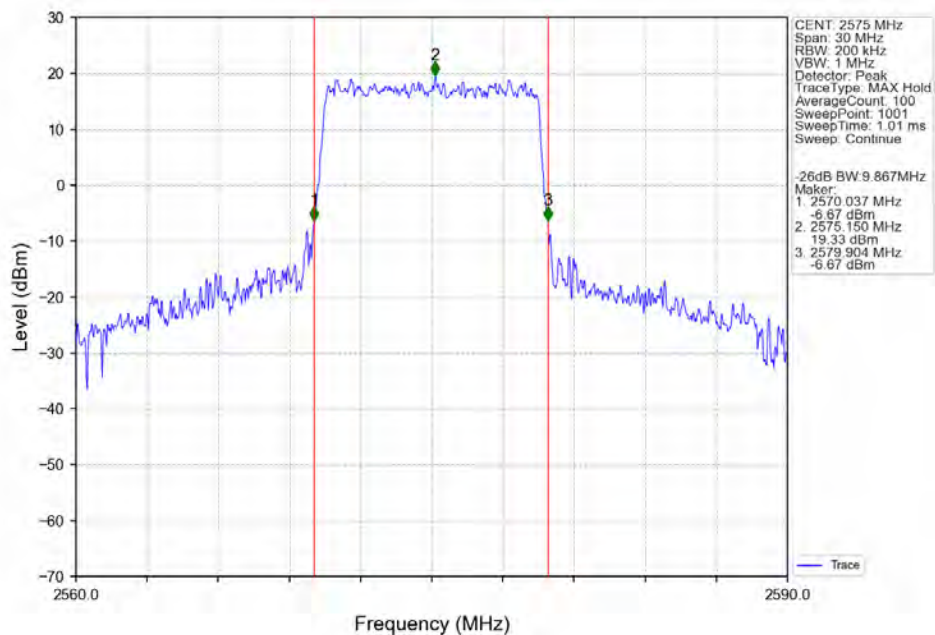
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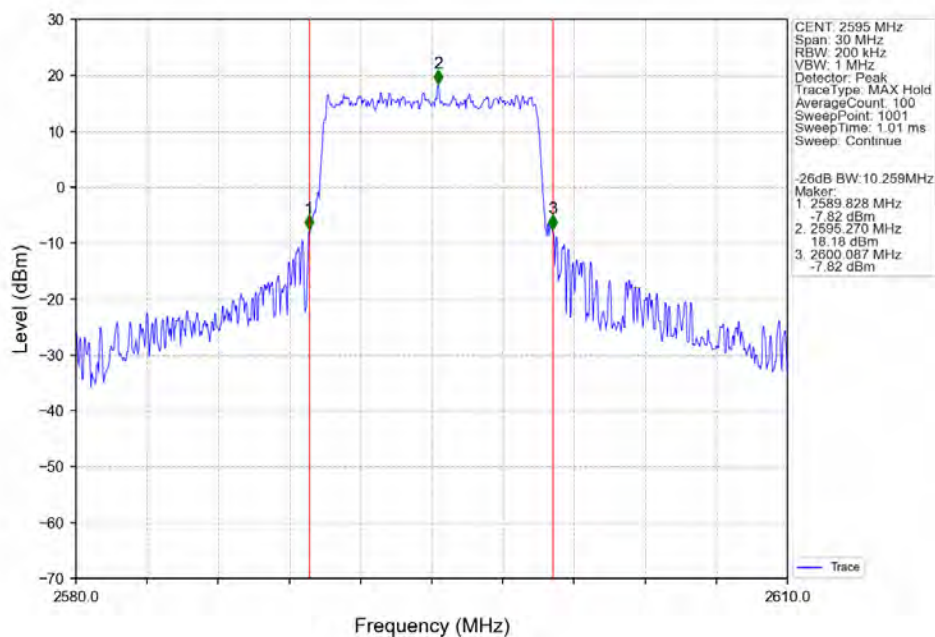
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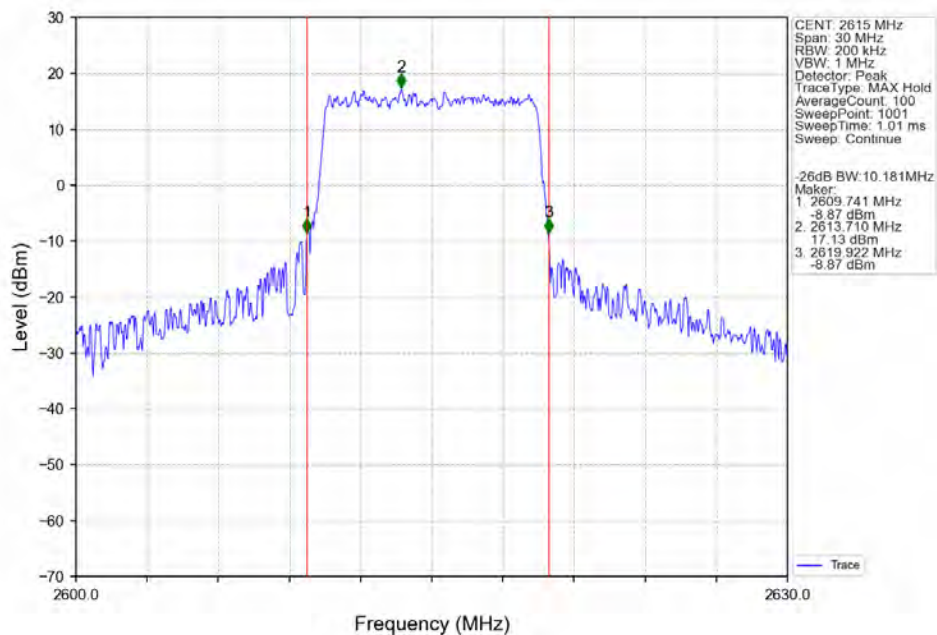
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



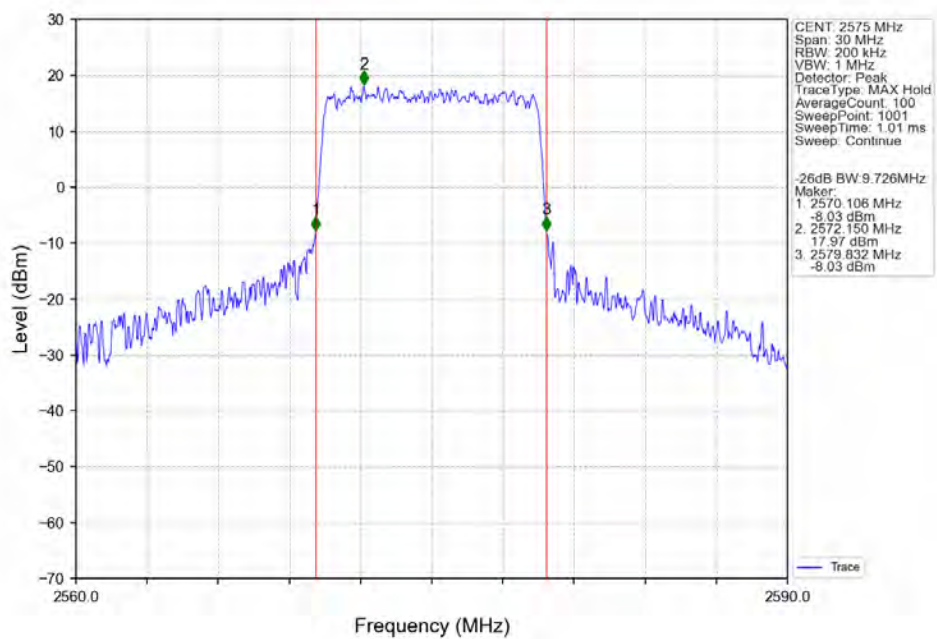
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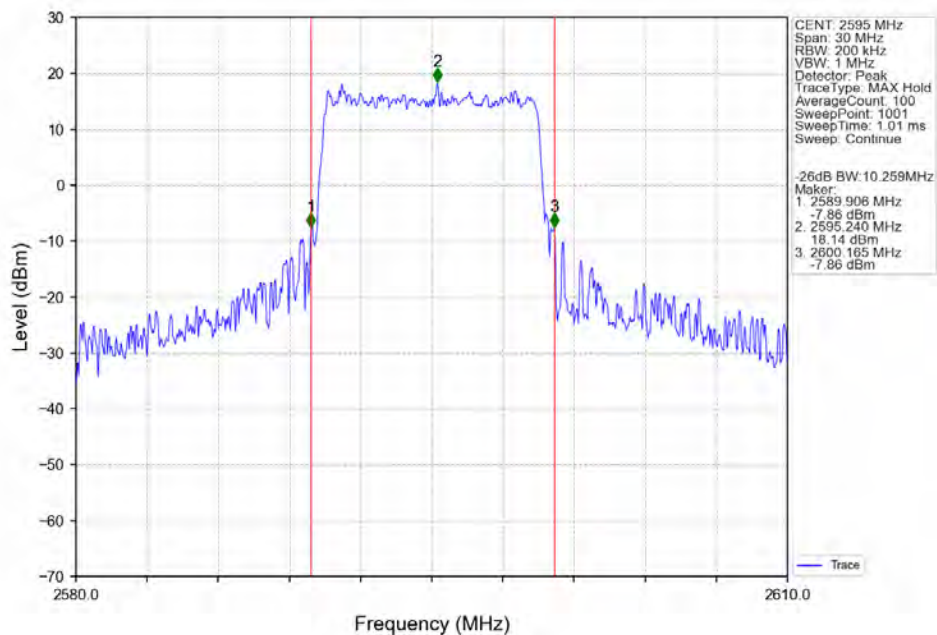
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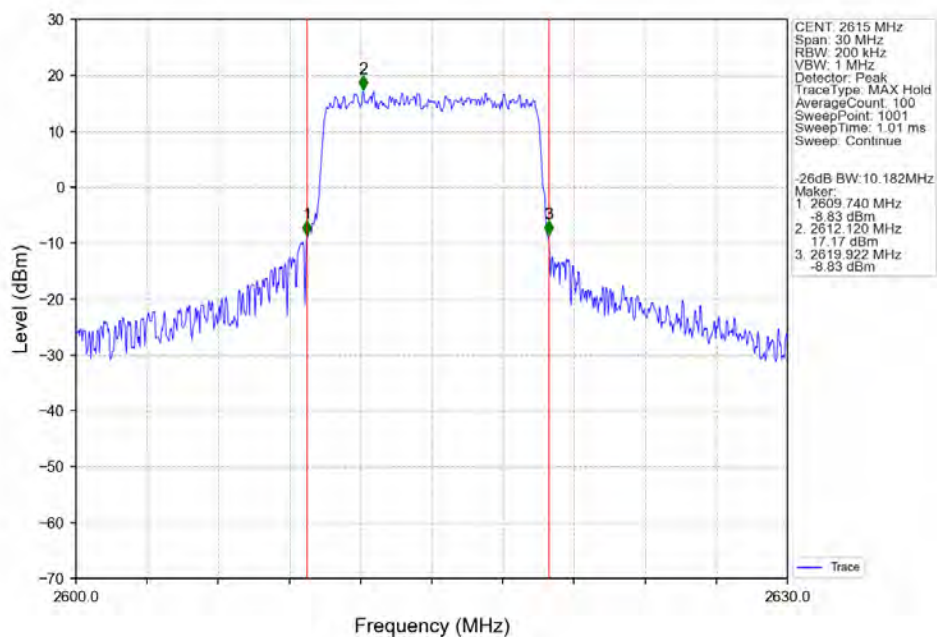
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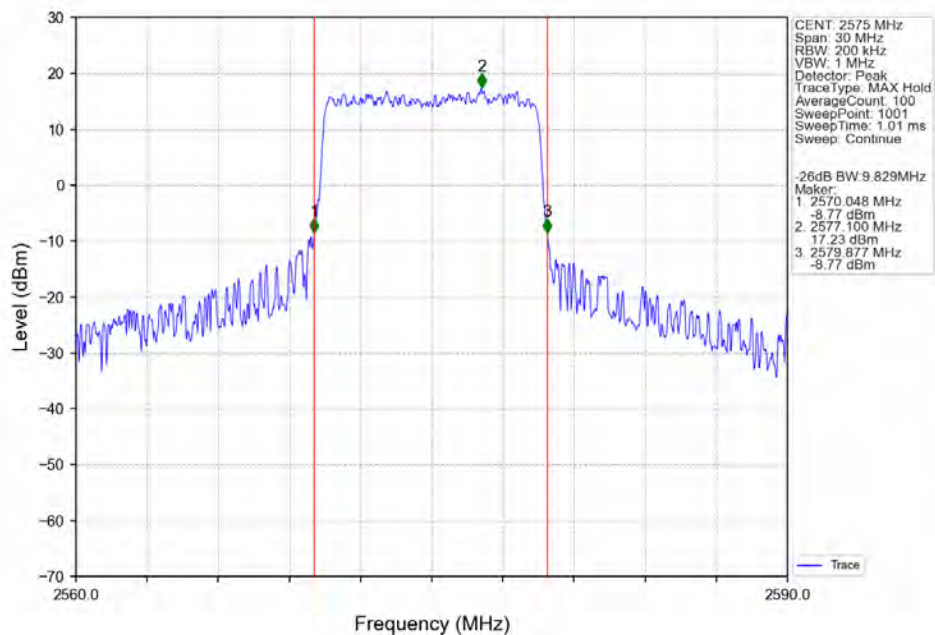
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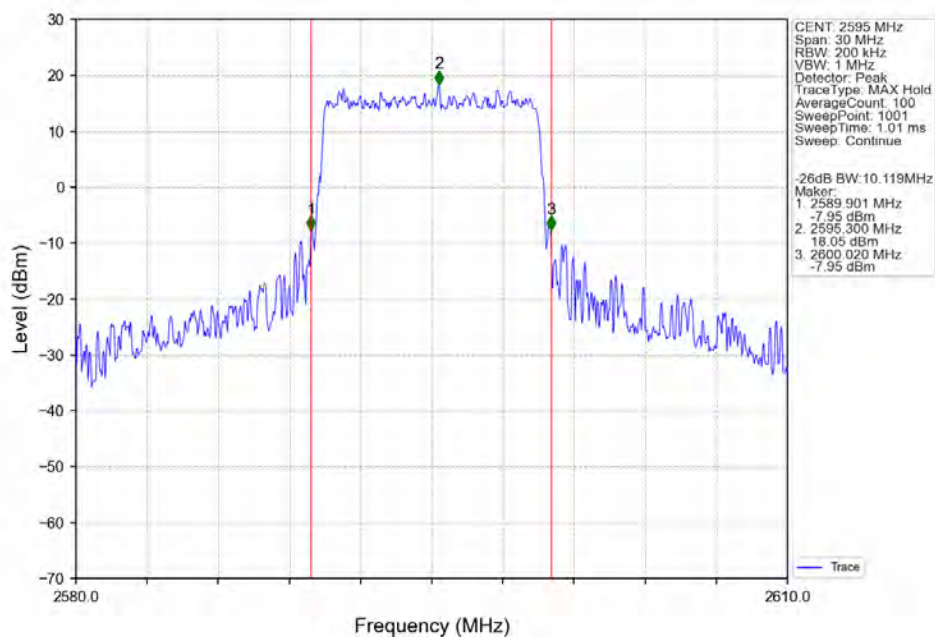
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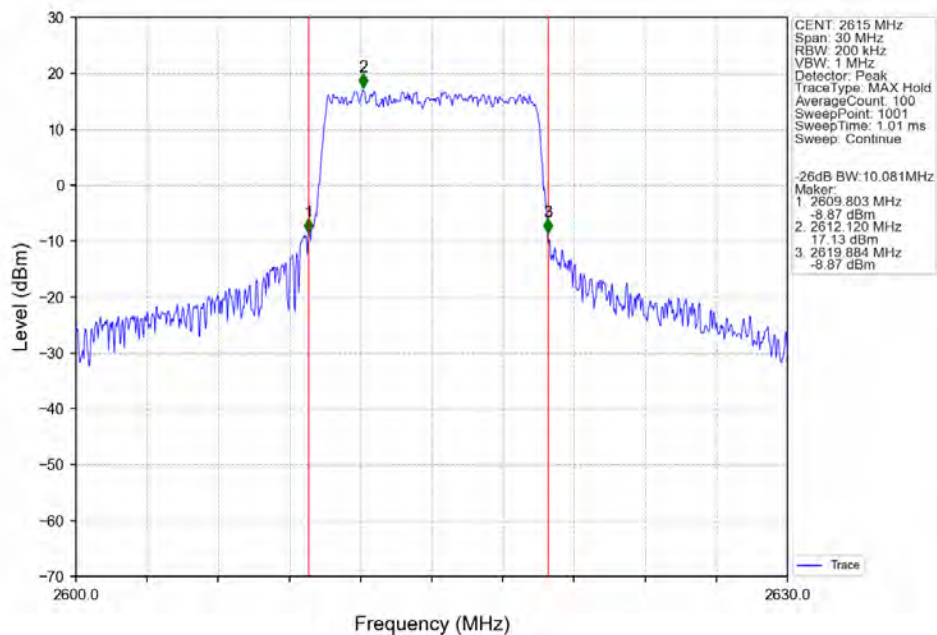
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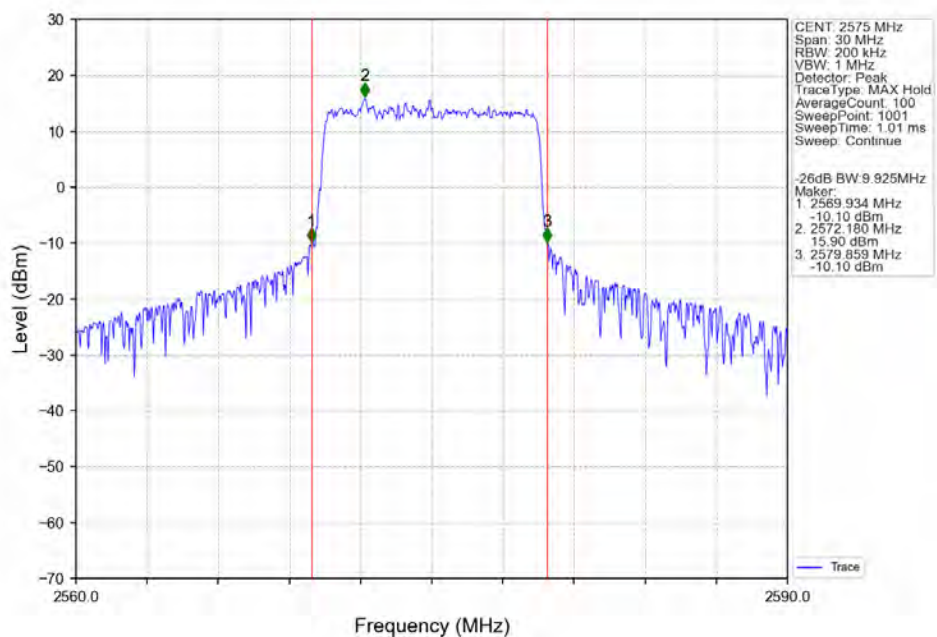
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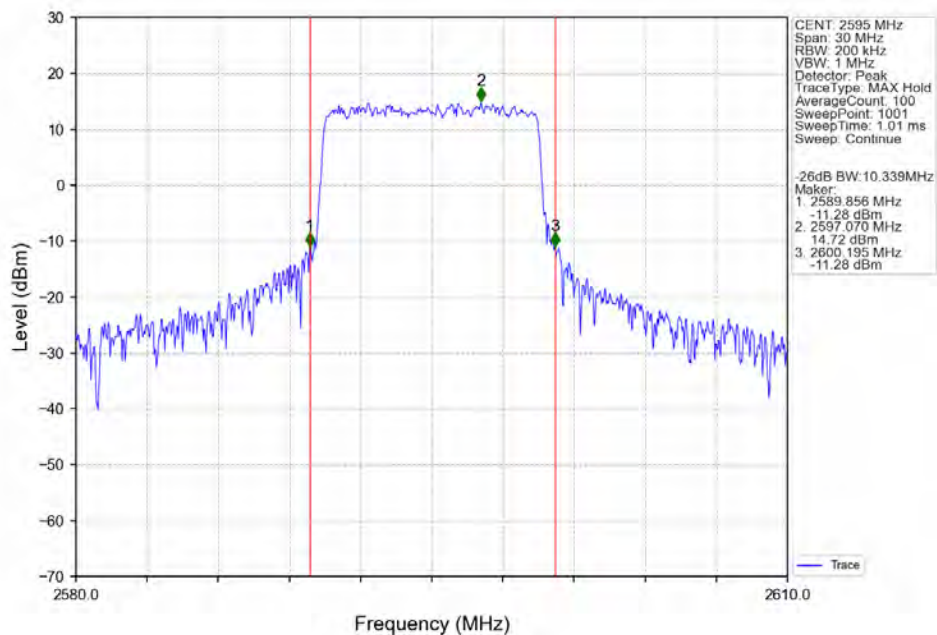
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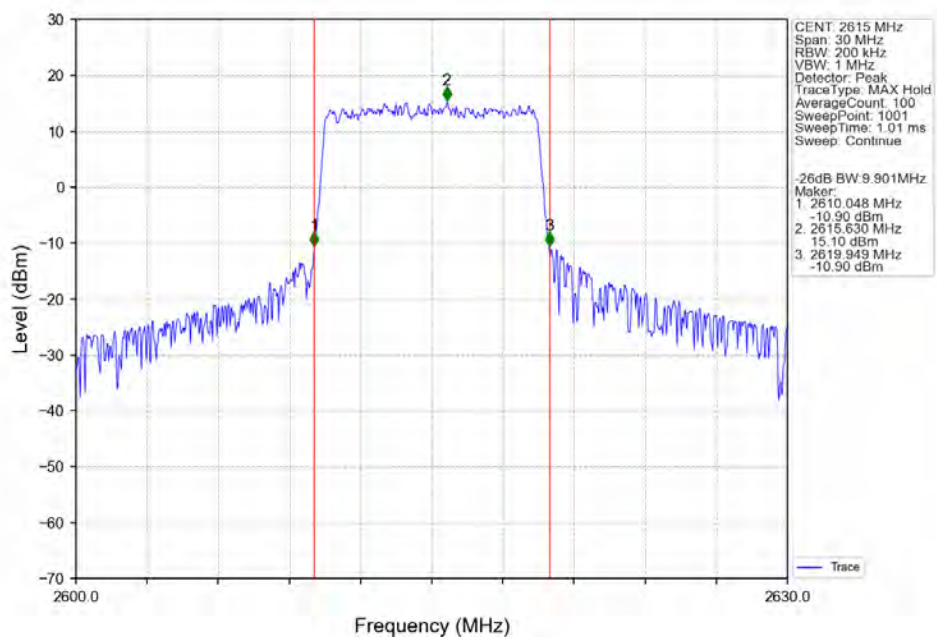
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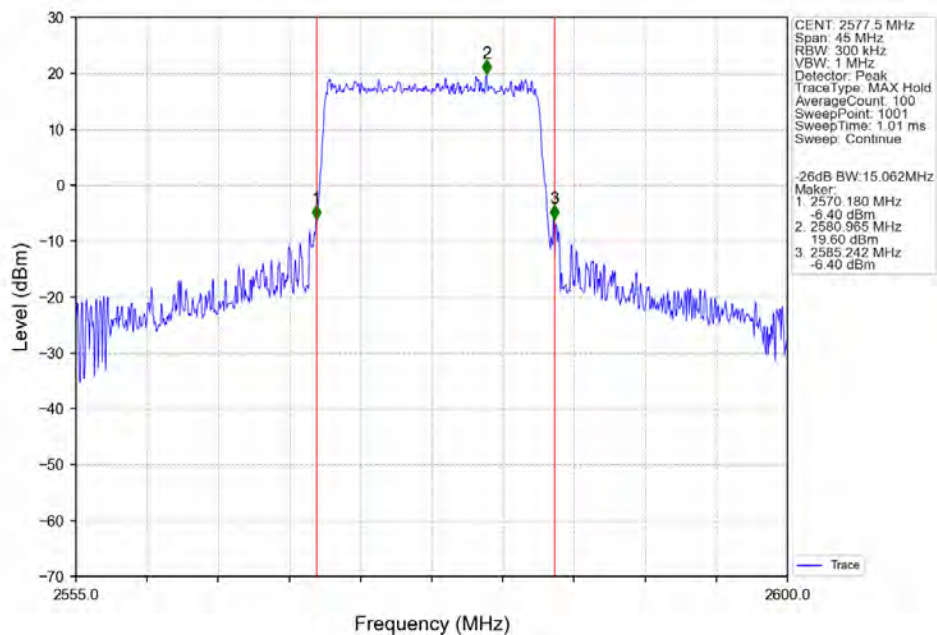
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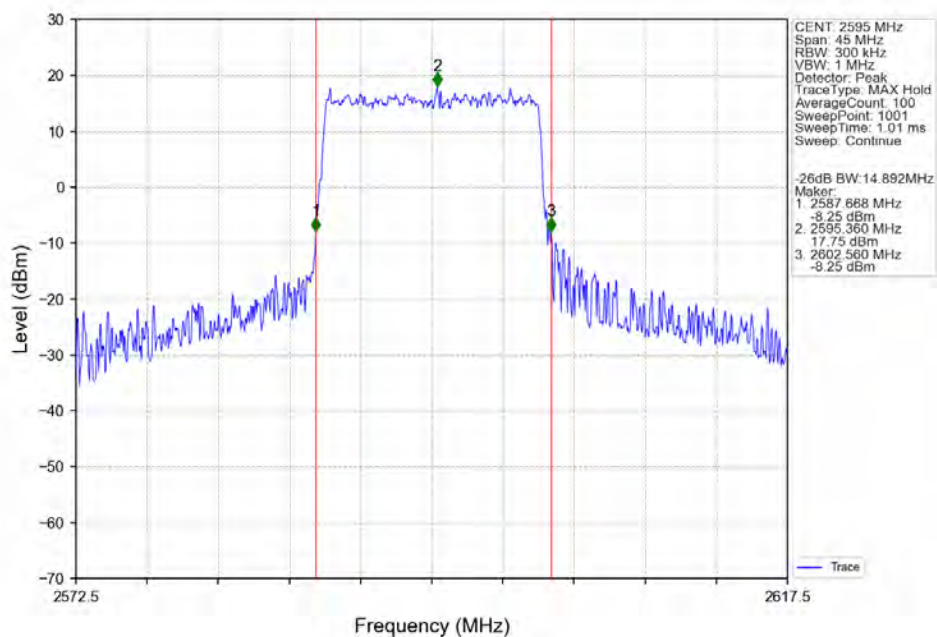
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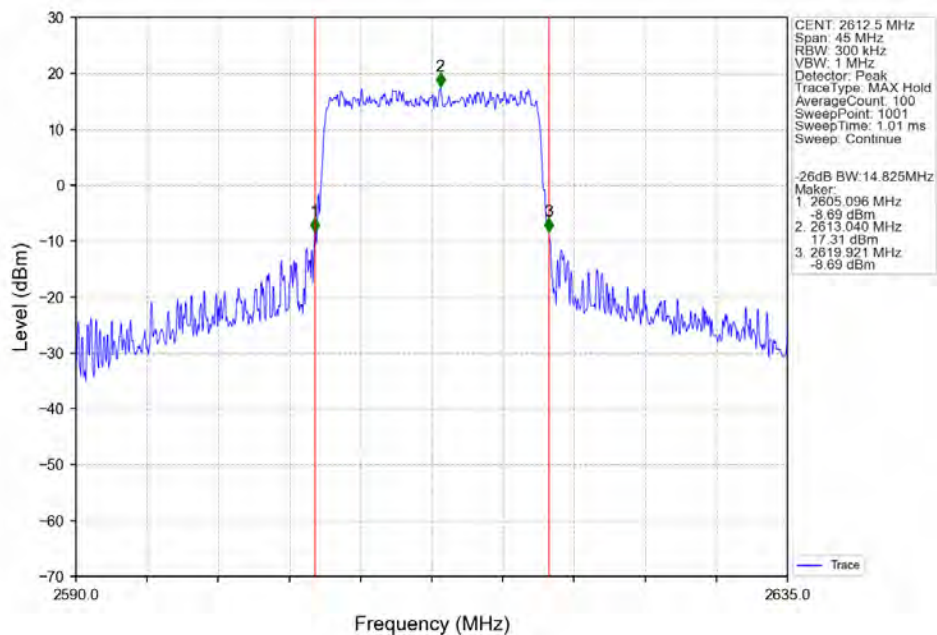
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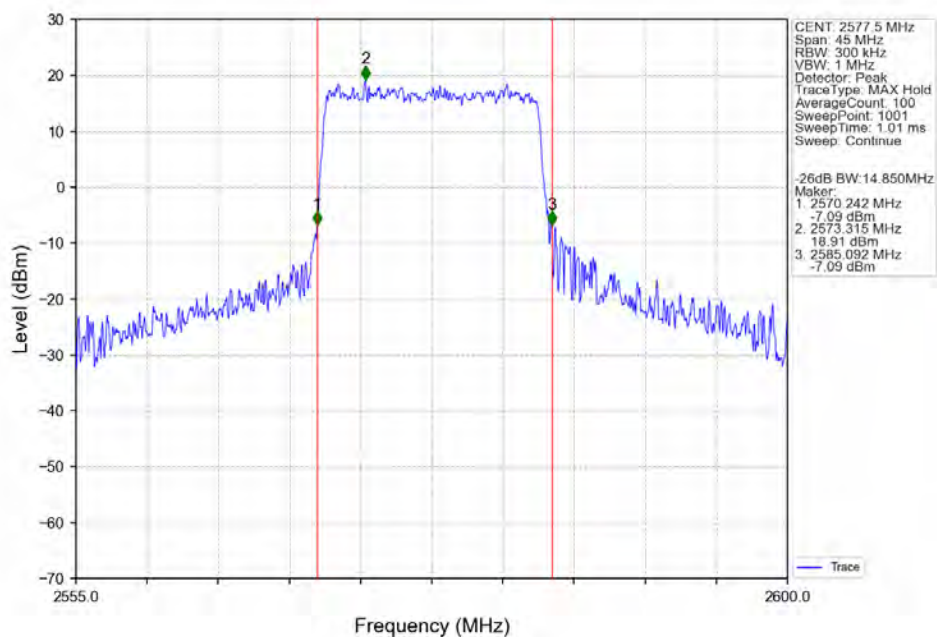
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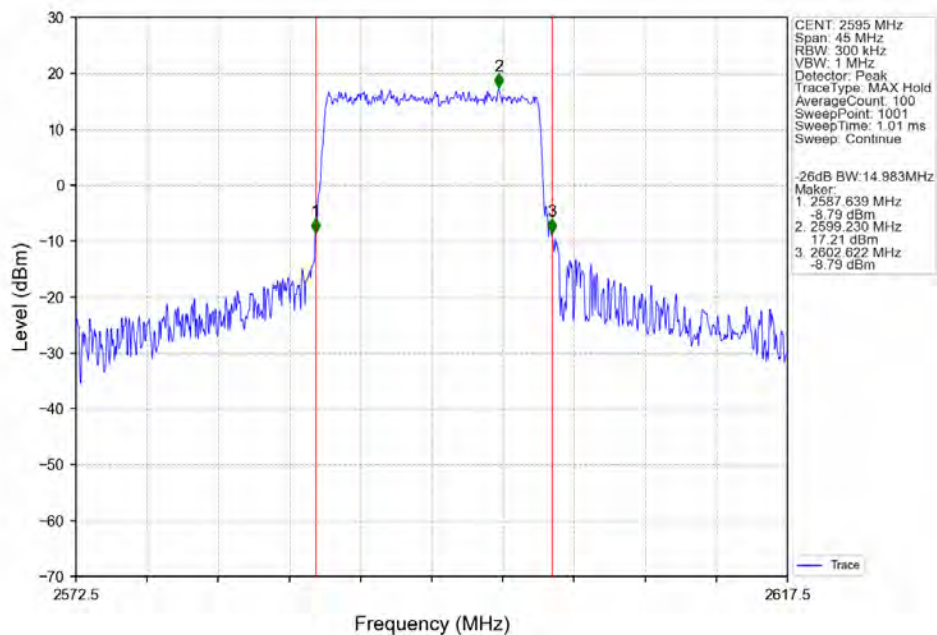
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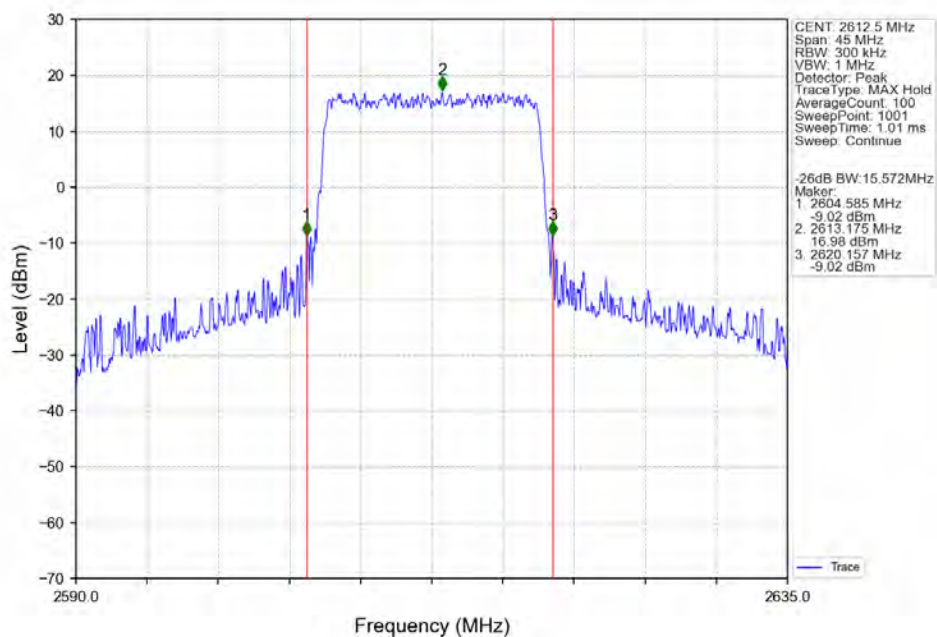
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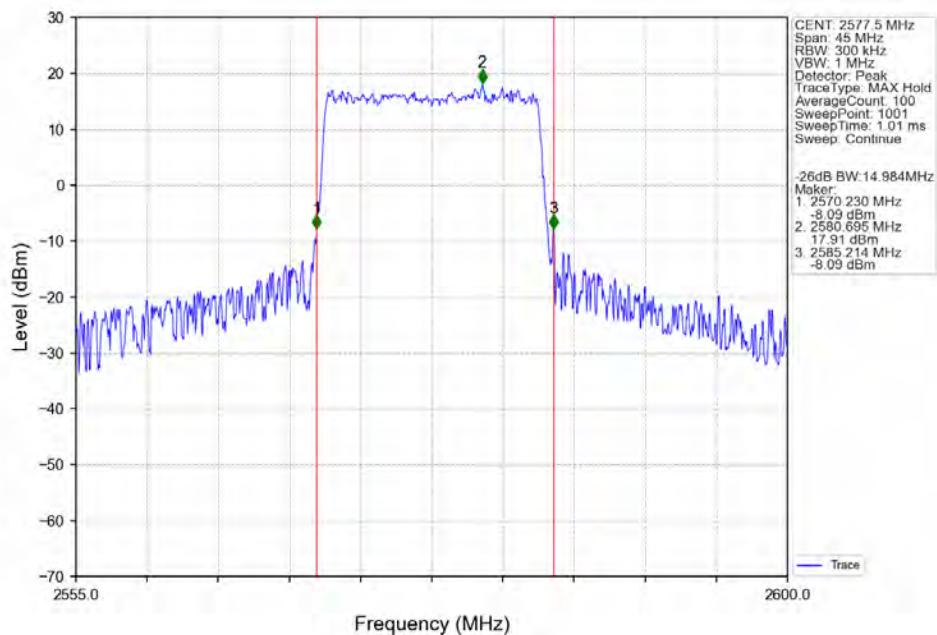
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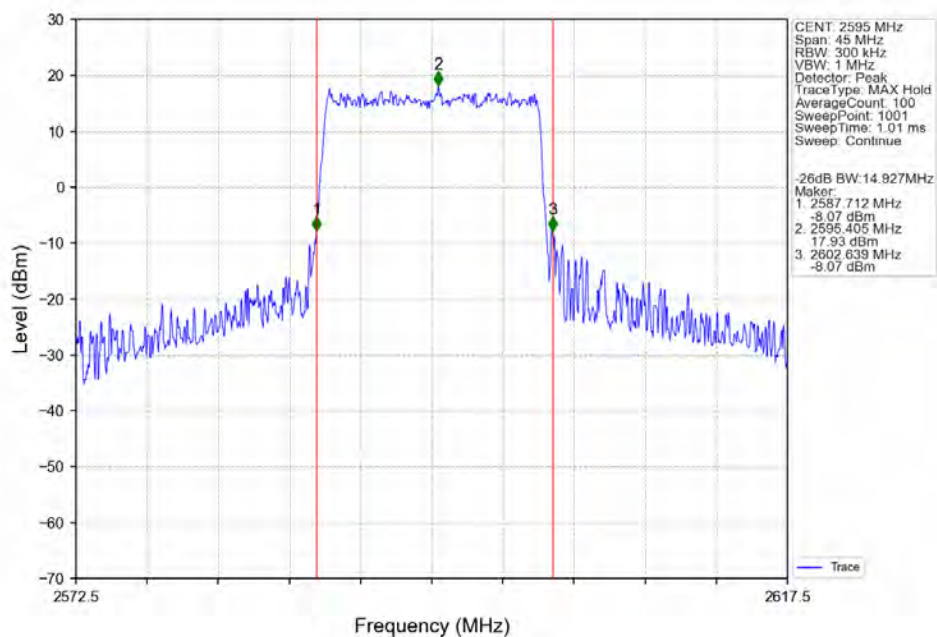
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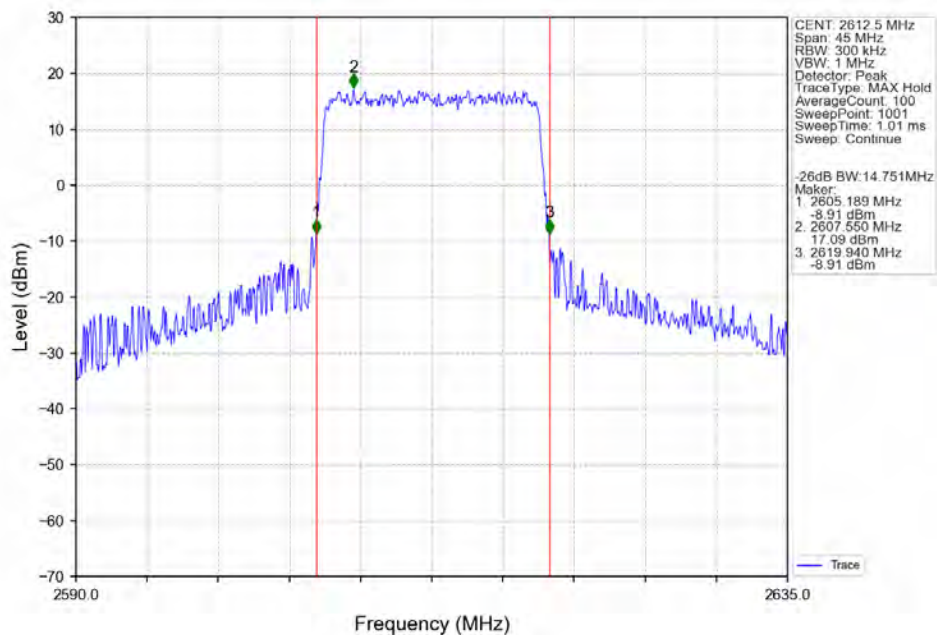
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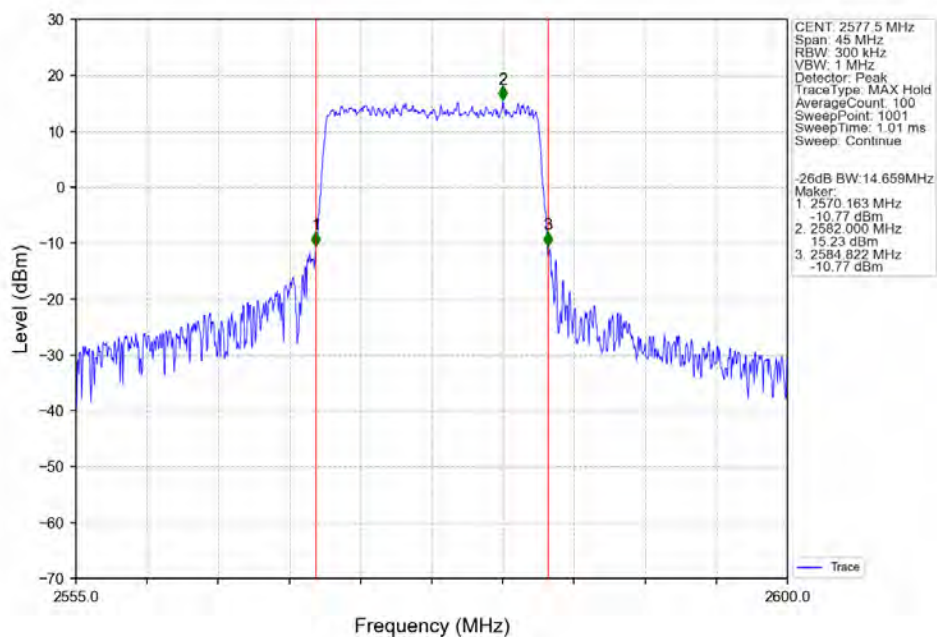
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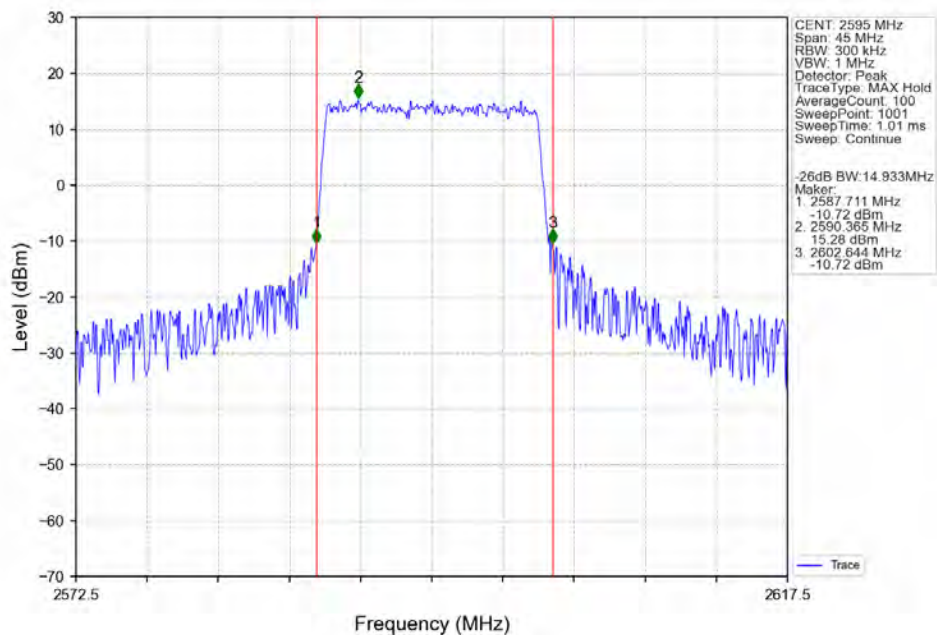
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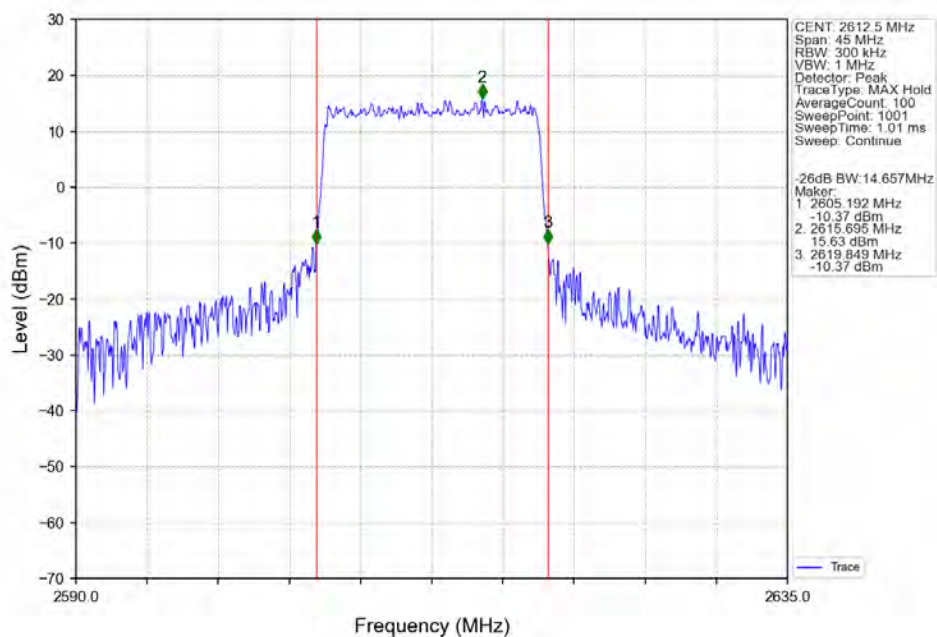
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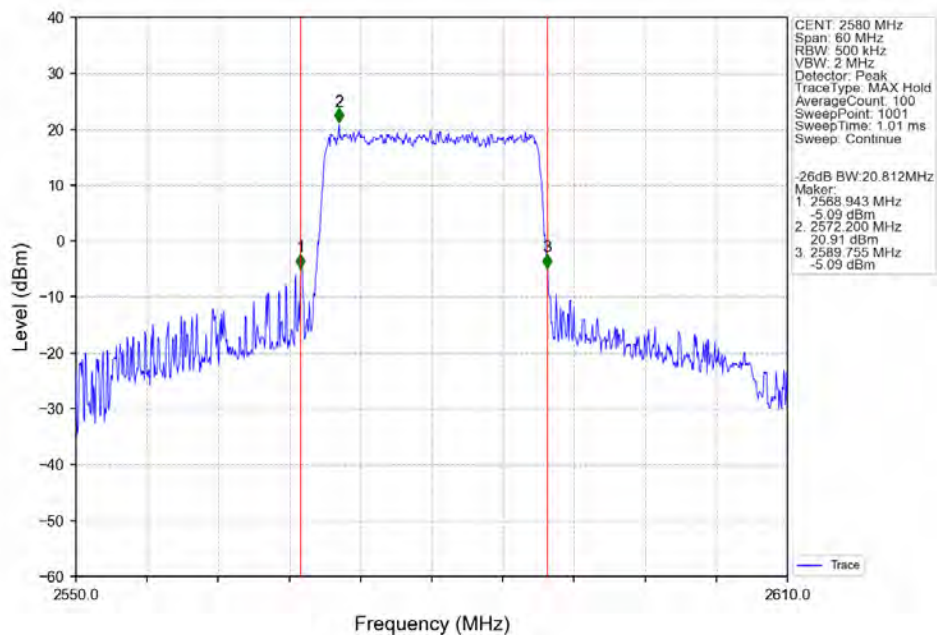
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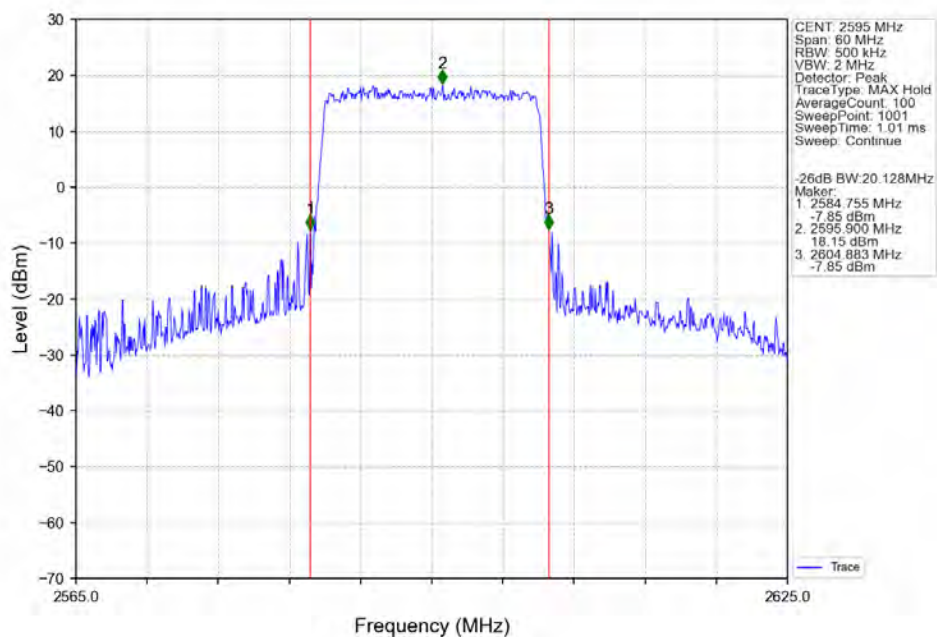
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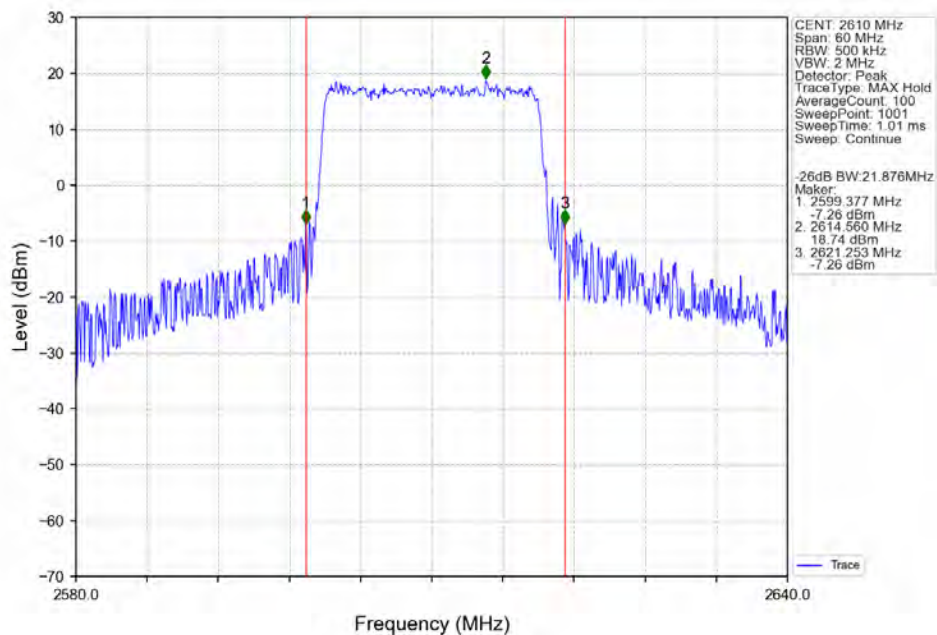
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



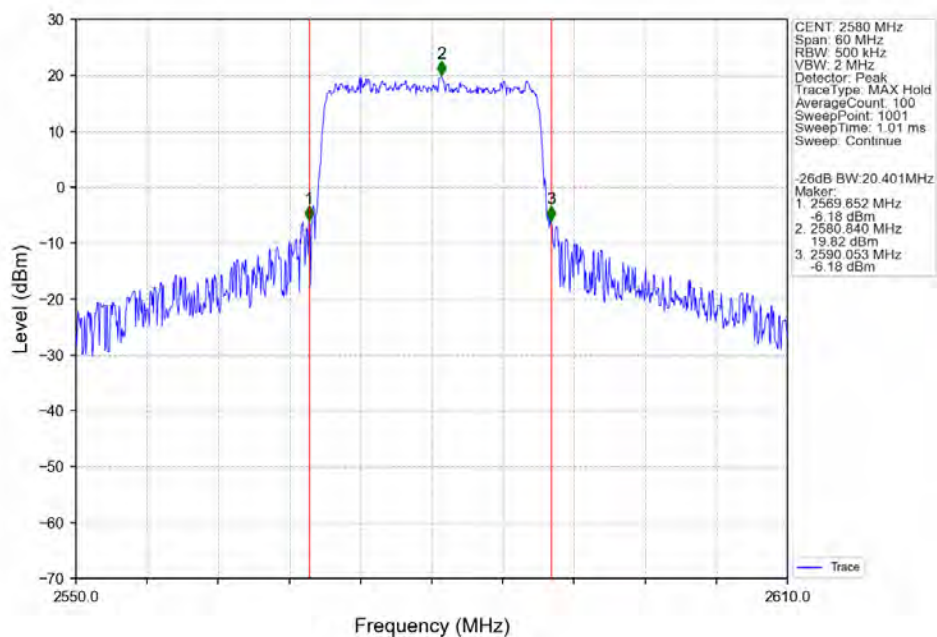
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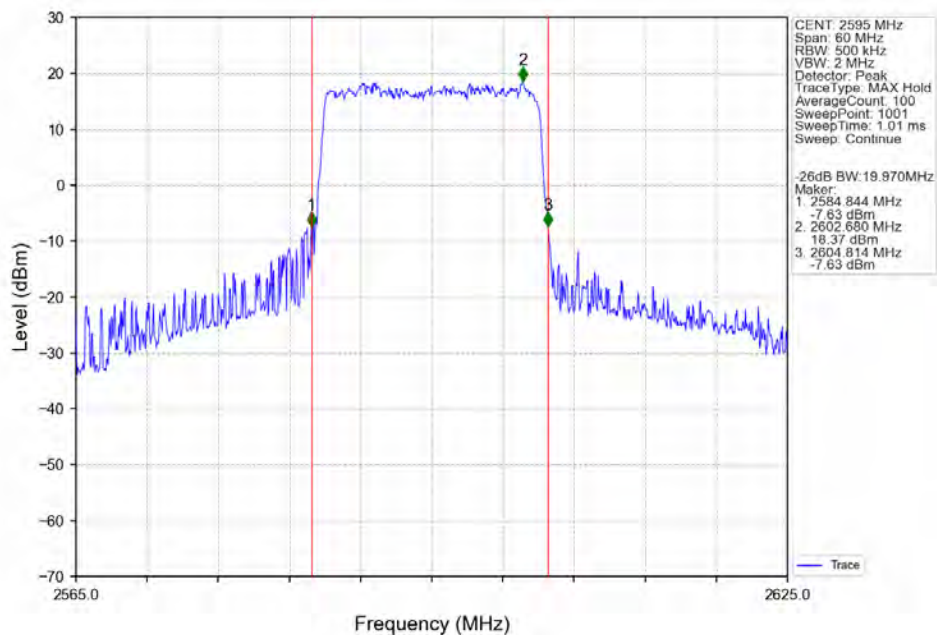
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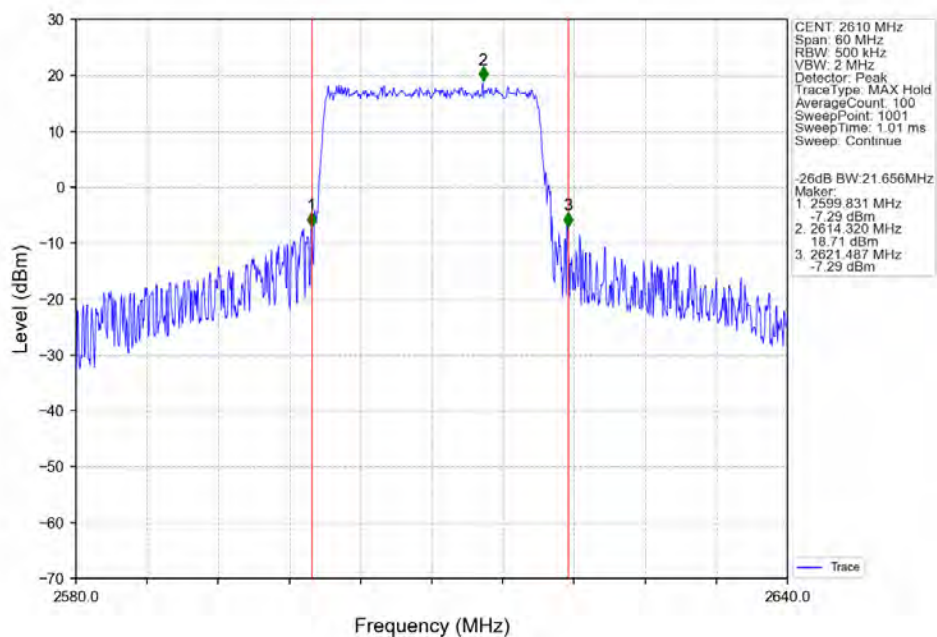
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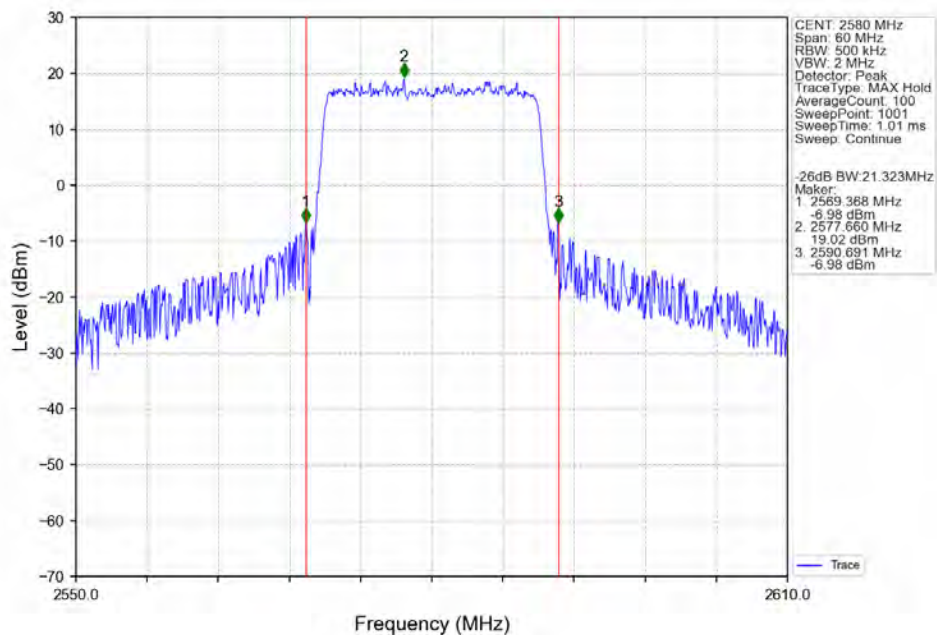
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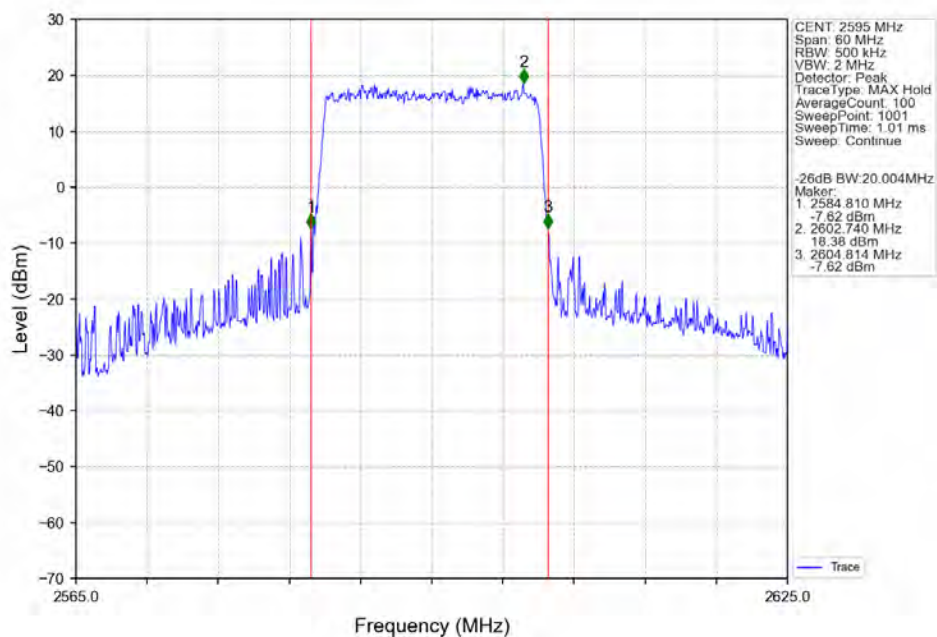
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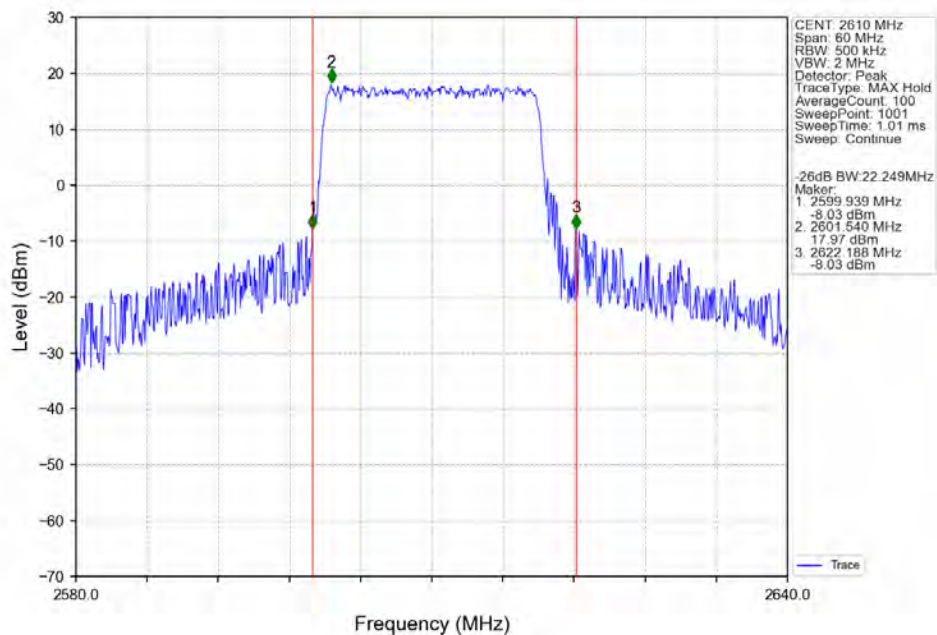
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



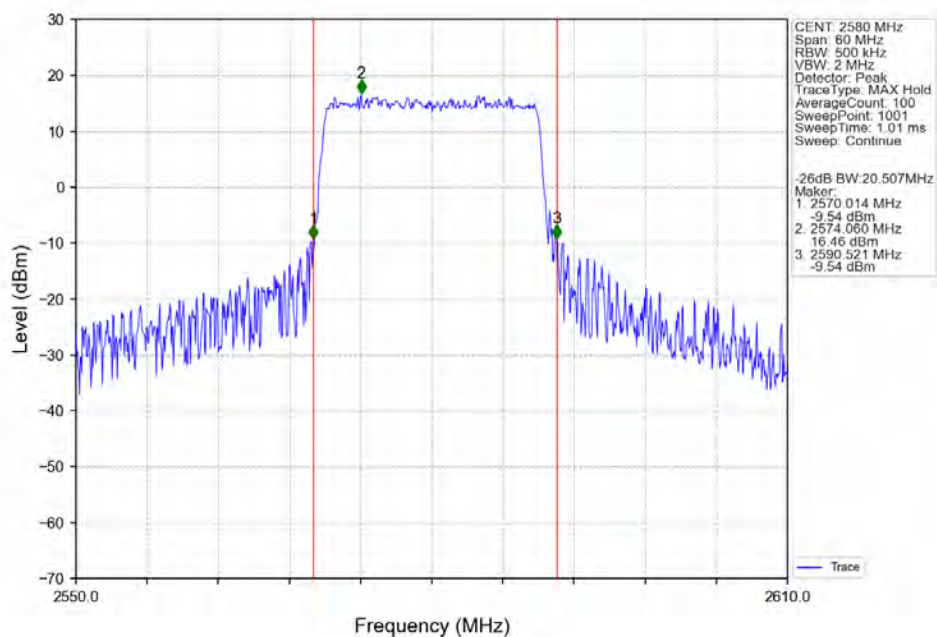
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



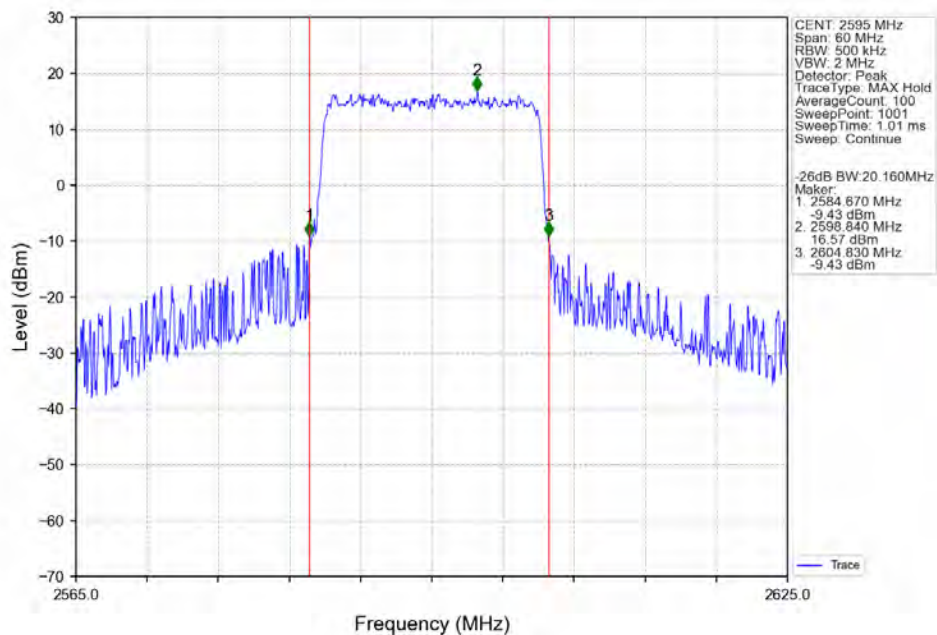
Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



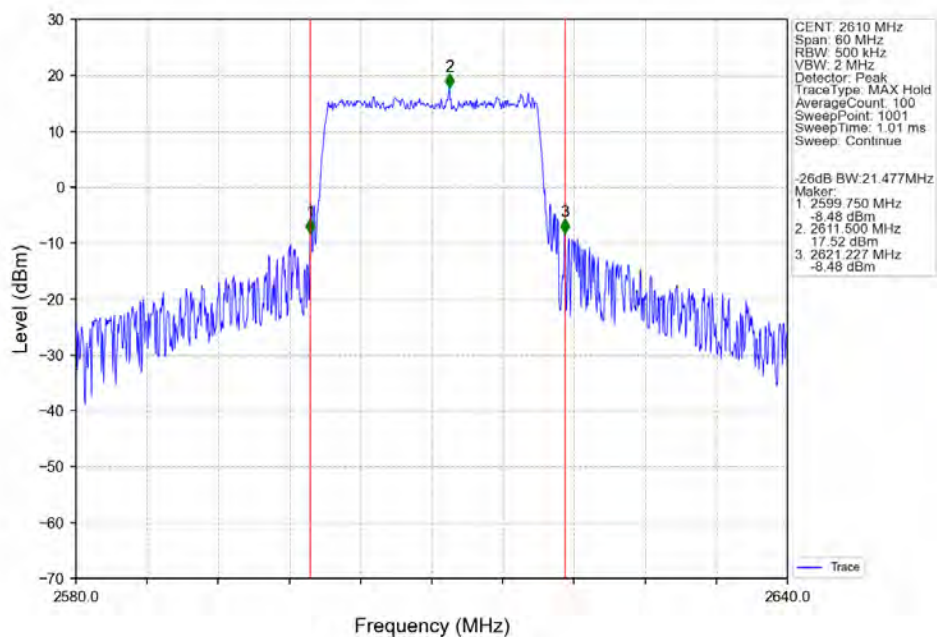
Band38_20MHz_256QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_HCH_2610MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	5.76	<=13	Pass
	2595	25	0	7.62	<=13	Pass
	2617.5	25	0	7.54	<=13	Pass
16QAM	2572.5	25	0	6.70	<=13	Pass
	2595	25	0	7.62	<=13	Pass
	2617.5	25	0	7.54	<=13	Pass
64QAM	2572.5	25	0	7.72	<=13	Pass
	2595	25	0	7.62	<=13	Pass
	2617.5	25	0	7.54	<=13	Pass
256QAM	2572.5	25	0	9.74	<=13	Pass
	2595	25	0	9.66	<=13	Pass
	2617.5	25	0	9.48	<=13	Pass

4.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.64	<=13	Pass
	2595	50	0	7.64	<=13	Pass
	2615	50	0	7.64	<=13	Pass
16QAM	2575	50	0	7.64	<=13	Pass
	2595	50	0	7.64	<=13	Pass
	2615	50	0	7.64	<=13	Pass
64QAM	2575	50	0	7.72	<=13	Pass
	2595	50	0	7.64	<=13	Pass
	2615	50	0	7.64	<=13	Pass
256QAM	2575	50	0	9.66	<=13	Pass
	2595	50	0	9.56	<=13	Pass
	2615	50	0	9.58	<=13	Pass

4.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.54	<=13	Pass
	2595	75	0	7.64	<=13	Pass
	2612.5	75	0	7.82	<=13	Pass
16QAM	2577.5	75	0	7.64	<=13	Pass
	2595	75	0	7.54	<=13	Pass
	2612.5	75	0	7.82	<=13	Pass
64QAM	2577.5	75	0	7.64	<=13	Pass

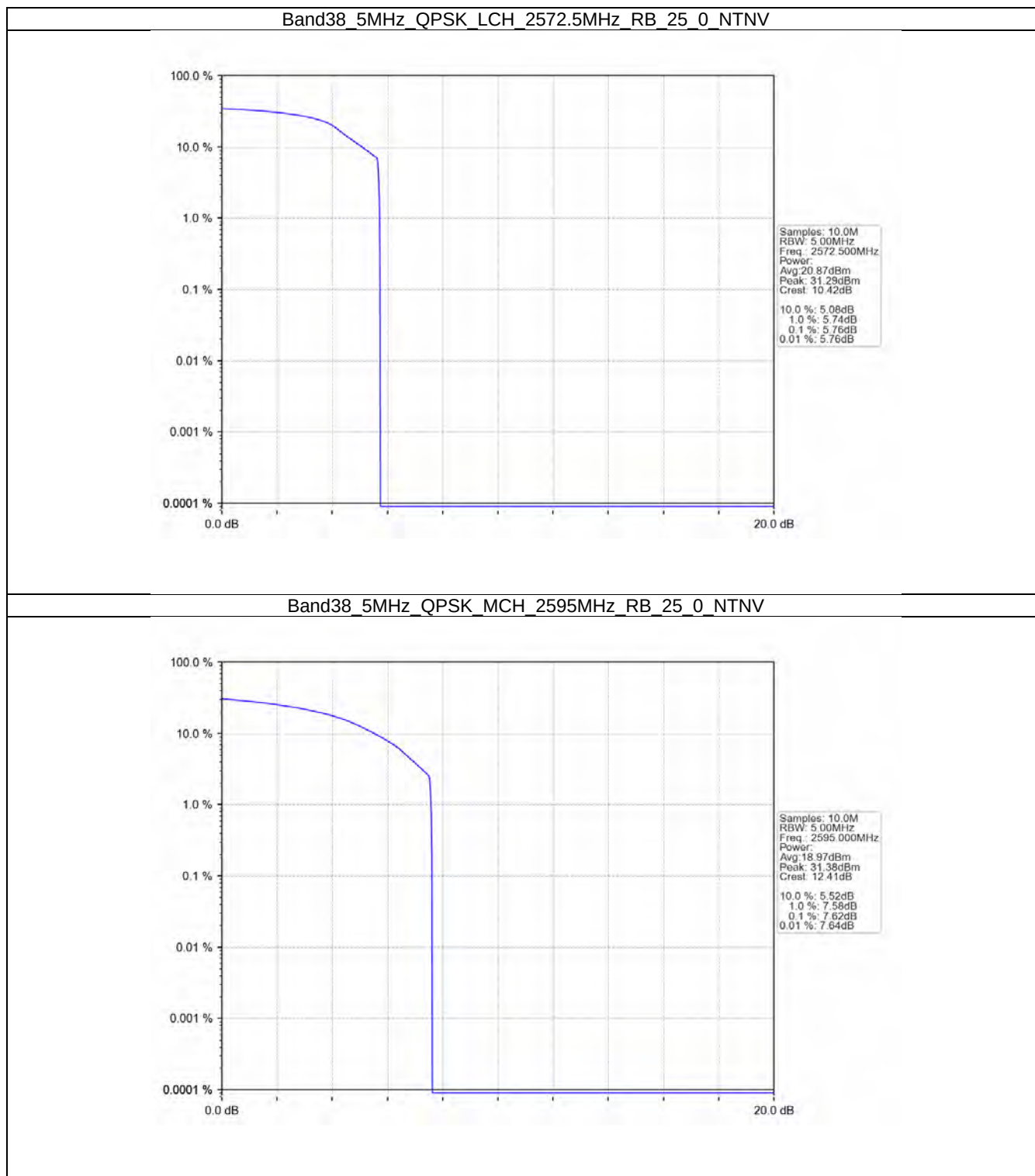
256QAM	2595	75	0	7.54	<=13	Pass
	2612.5	75	0	7.64	<=13	Pass
	2577.5	75	0	9.48	<=13	Pass
	2595	75	0	9.48	<=13	Pass
	2612.5	75	0	9.48	<=13	Pass

4.1.4 B38_20MHz

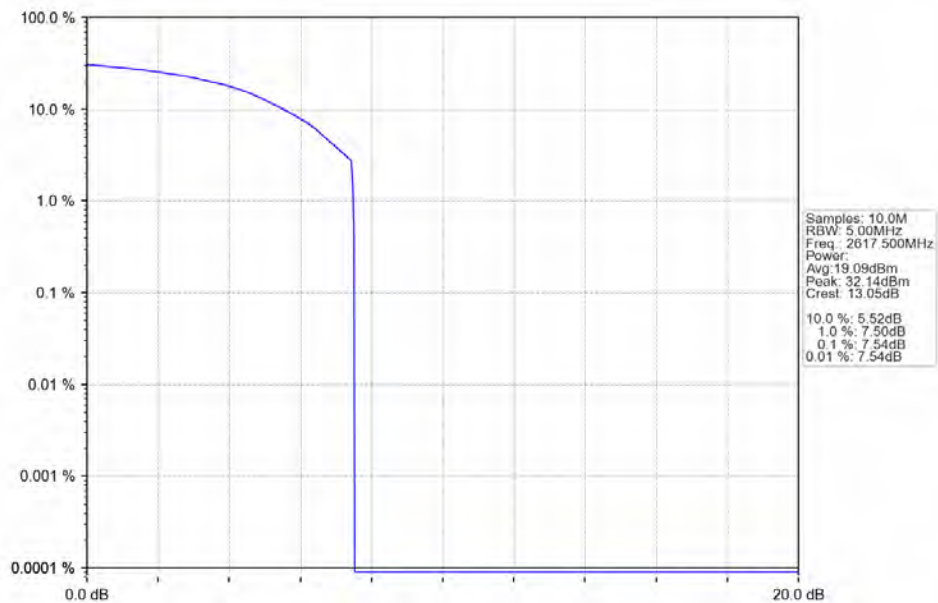
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.82	<=13	Pass
	2595	100	0	7.64	<=13	Pass
	2610	100	0	7.54	<=13	Pass
16QAM	2580	100	0	7.72	<=13	Pass
	2595	100	0	7.34	<=13	Pass
	2610	100	0	7.26	<=13	Pass
64QAM	2580	100	0	7.44	<=13	Pass
	2595	100	0	7.82	<=13	Pass
	2610	100	0	7.54	<=13	Pass
256QAM	2580	100	0	9.66	<=13	Pass
	2595	100	0	9.84	<=13	Pass
	2610	100	0	9.48	<=13	Pass

4.2 Test Graph

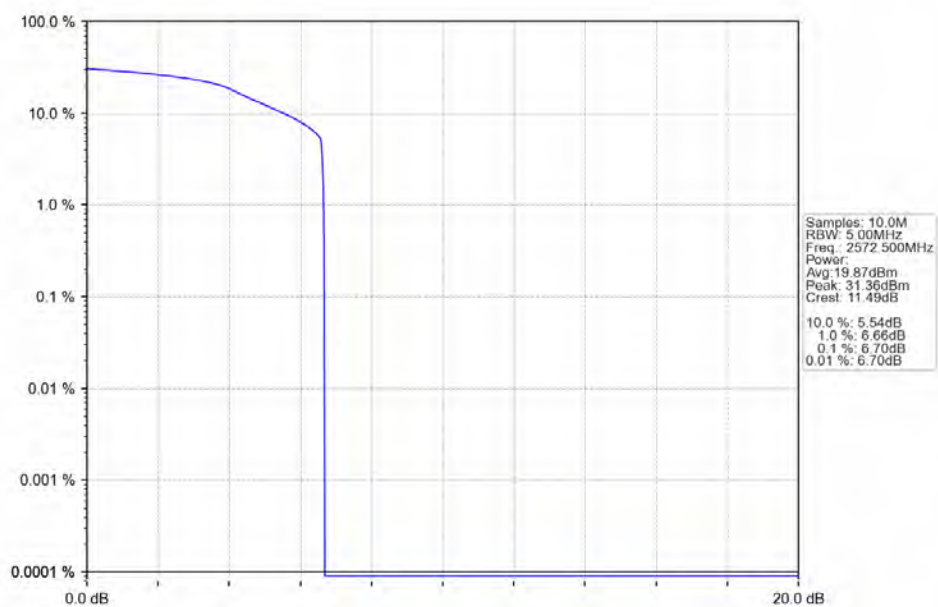
4.2.1 B38_5MHz



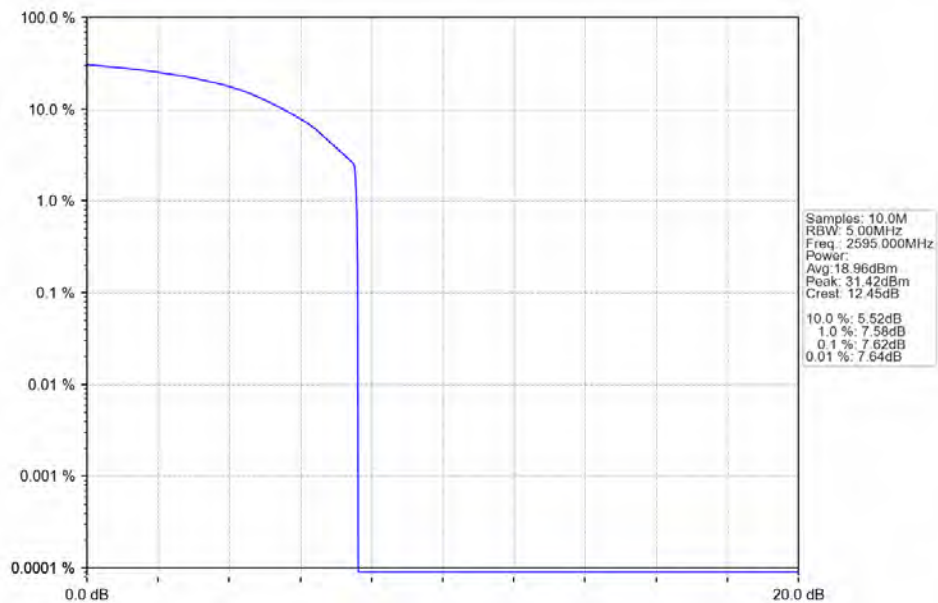
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



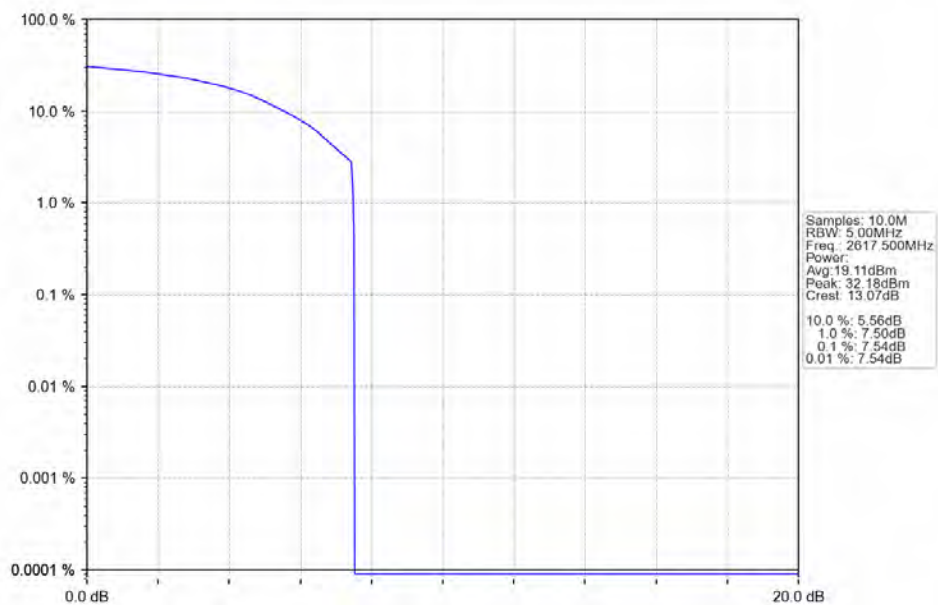
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



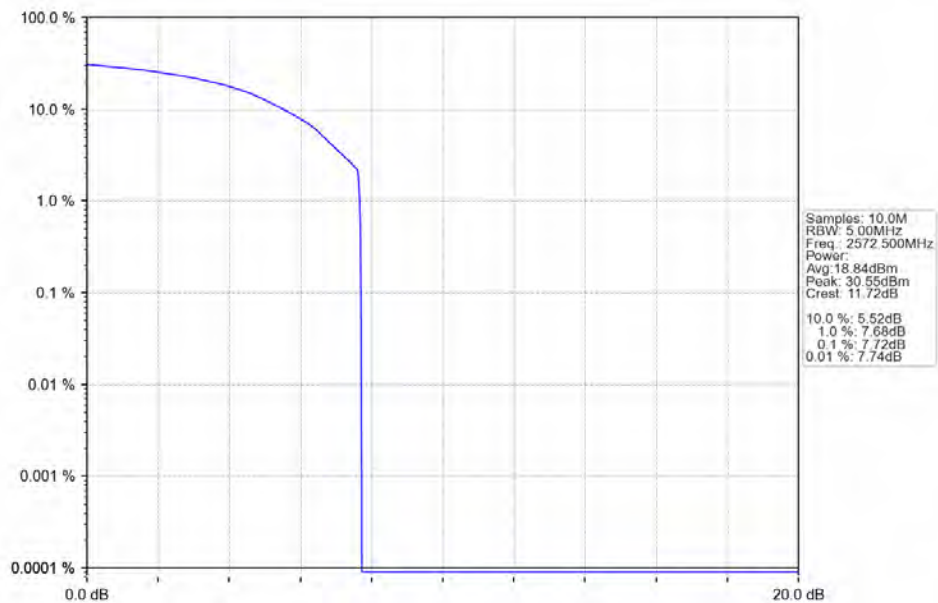
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



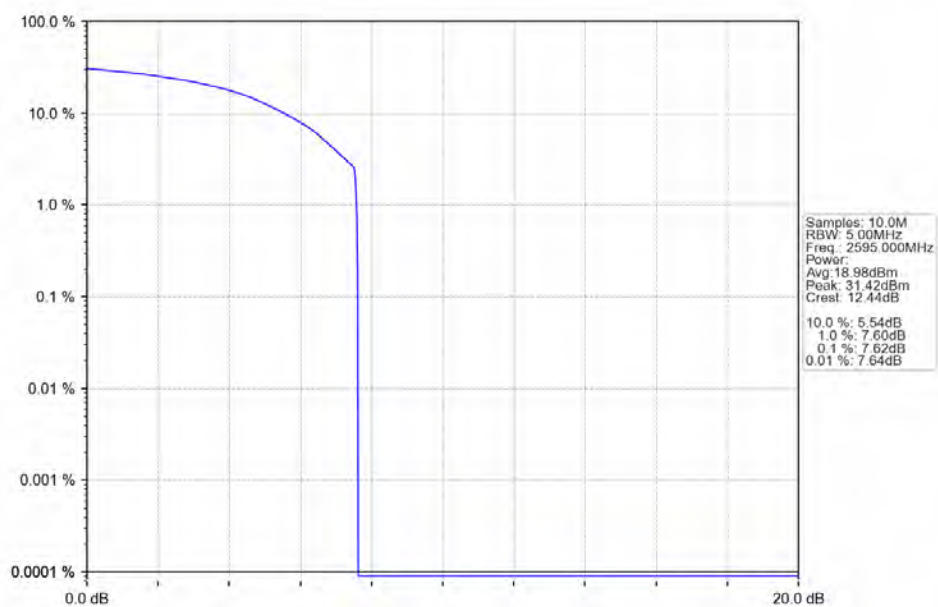
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



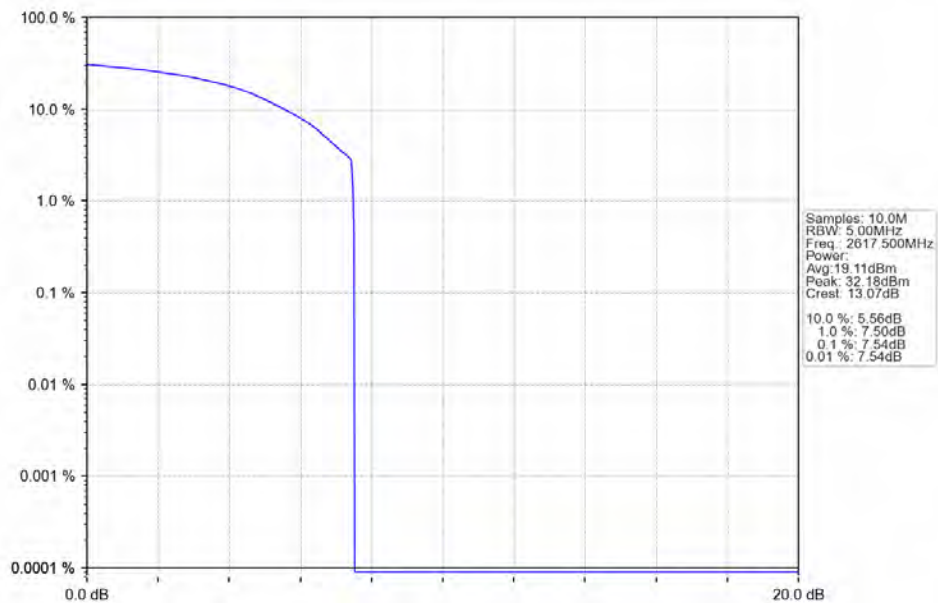
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



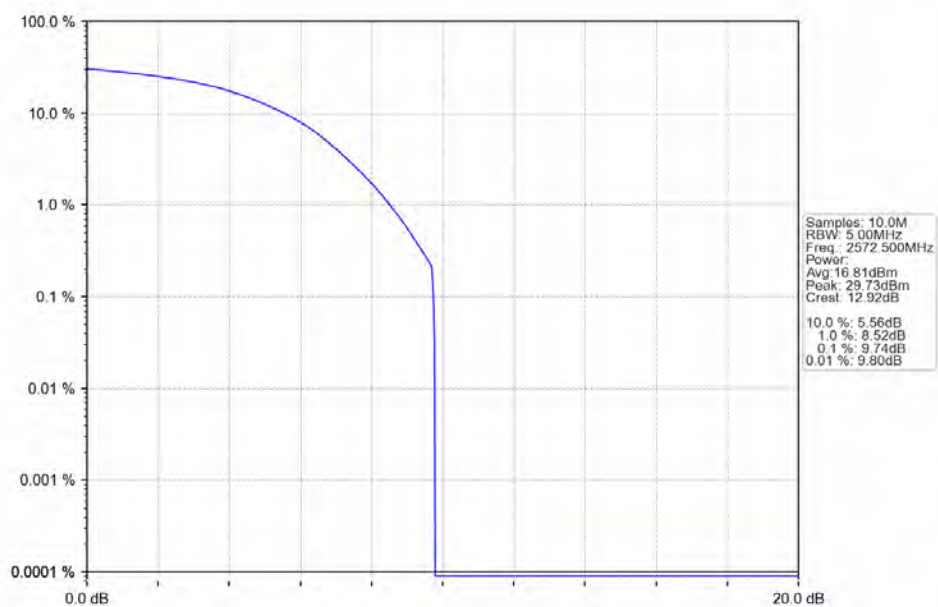
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTNV



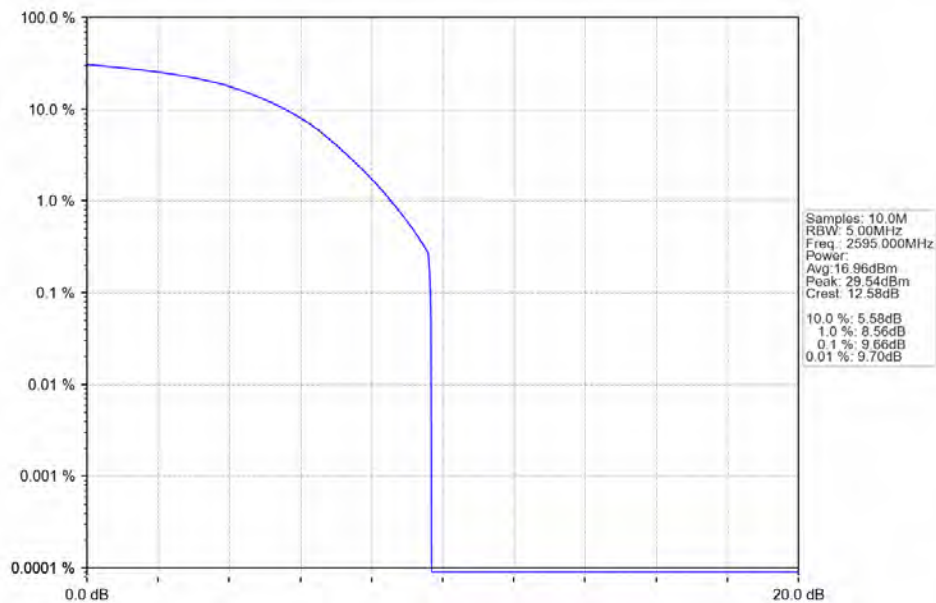
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



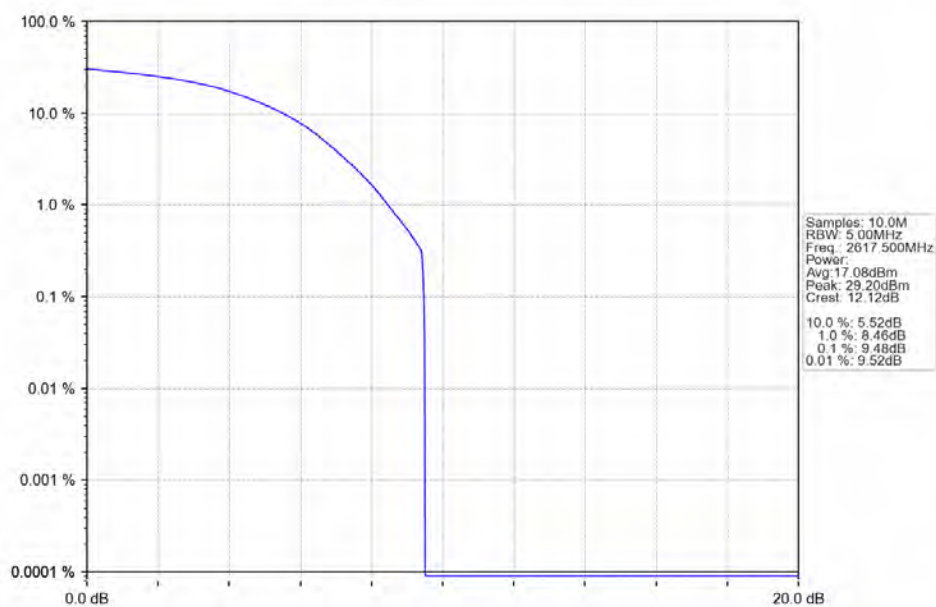
Band38_5MHz_256QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_256QAM_MCH_2595MHz_RB_25_0_NTNV

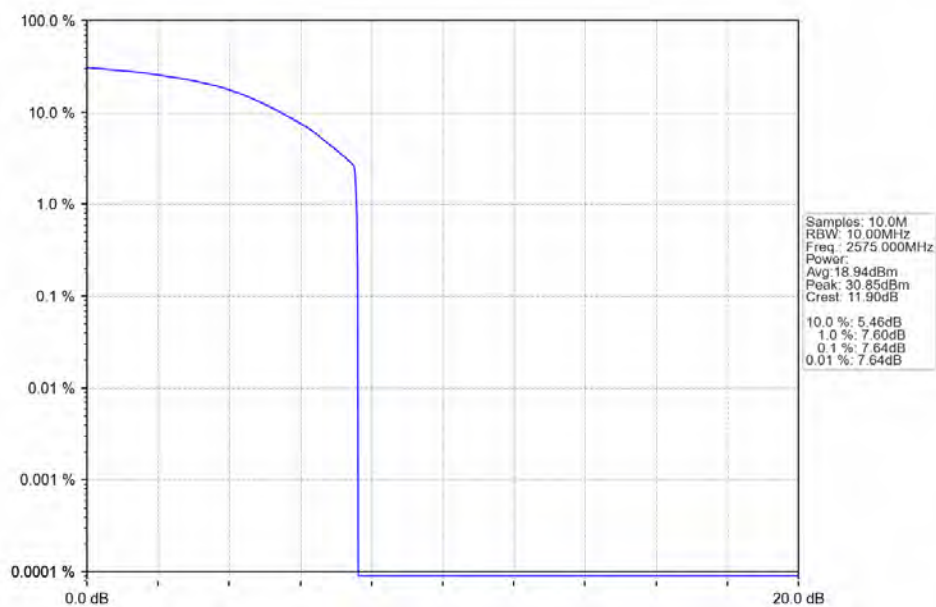


Band38_5MHz_256QAM_HCH_2617.5MHz_RB_25_0_NTNV

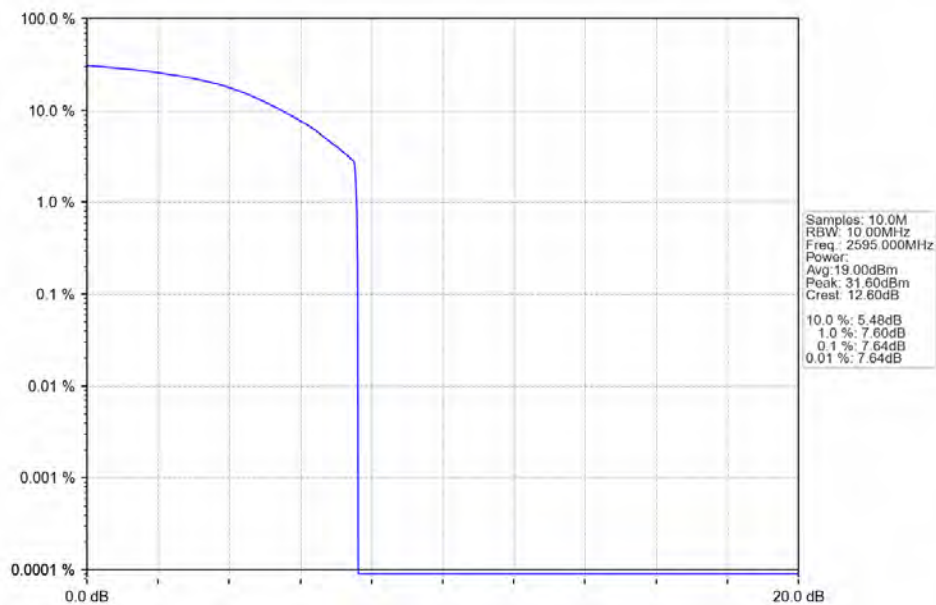


4.2.2 B38_10MHz

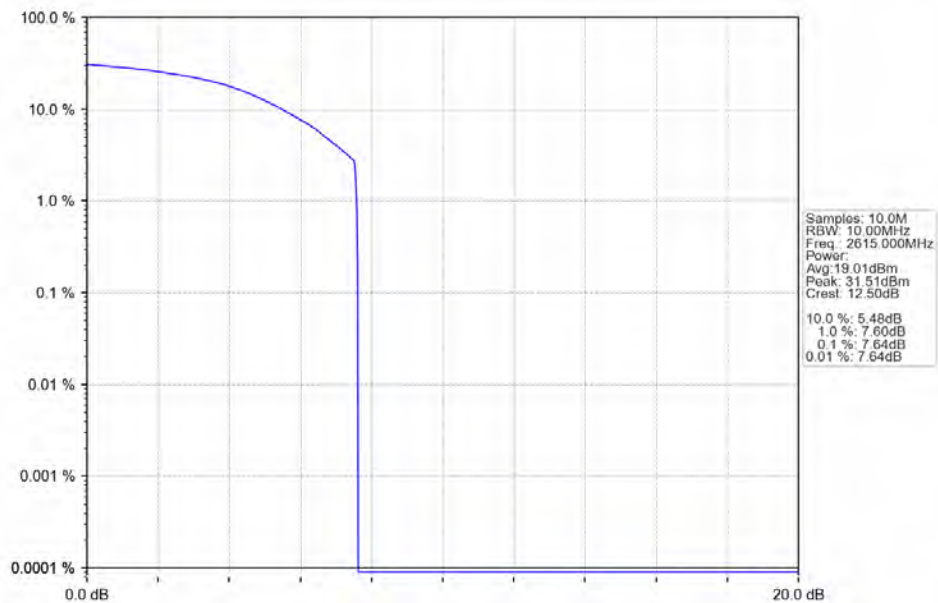
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



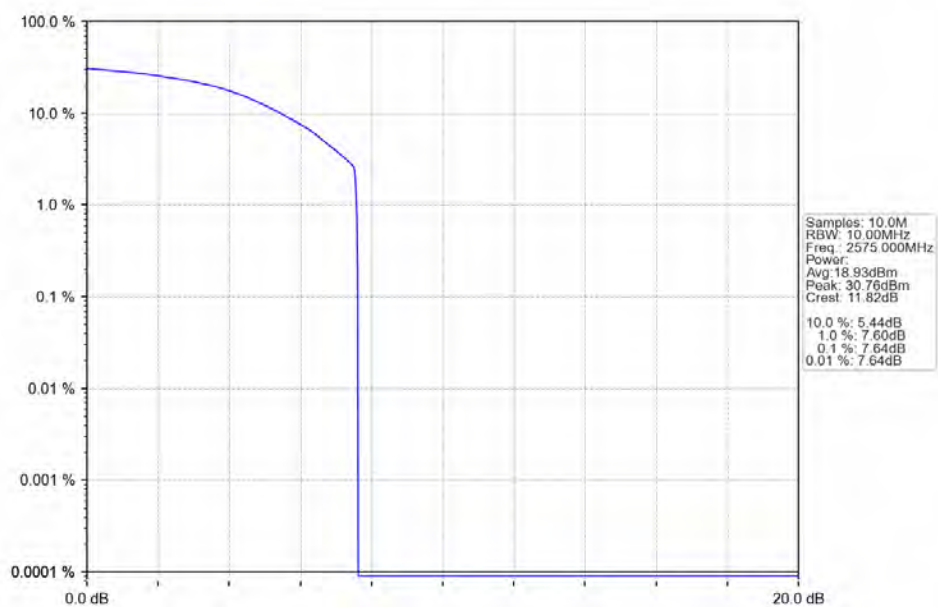
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



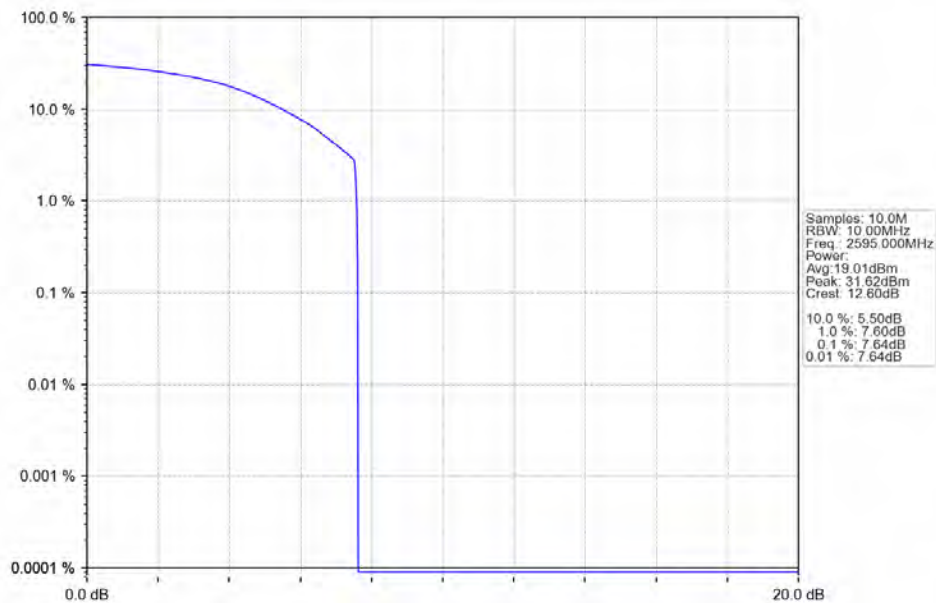
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



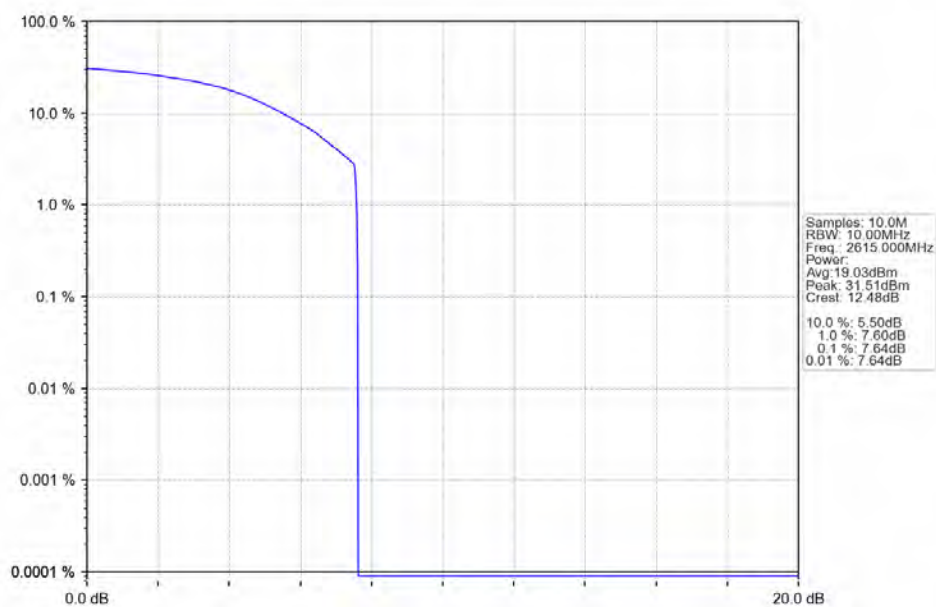
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



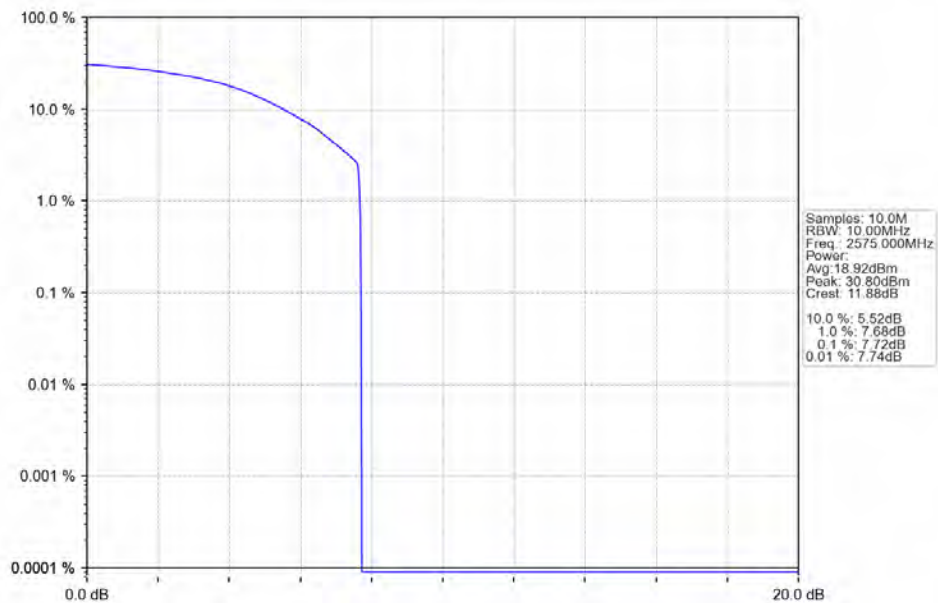
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



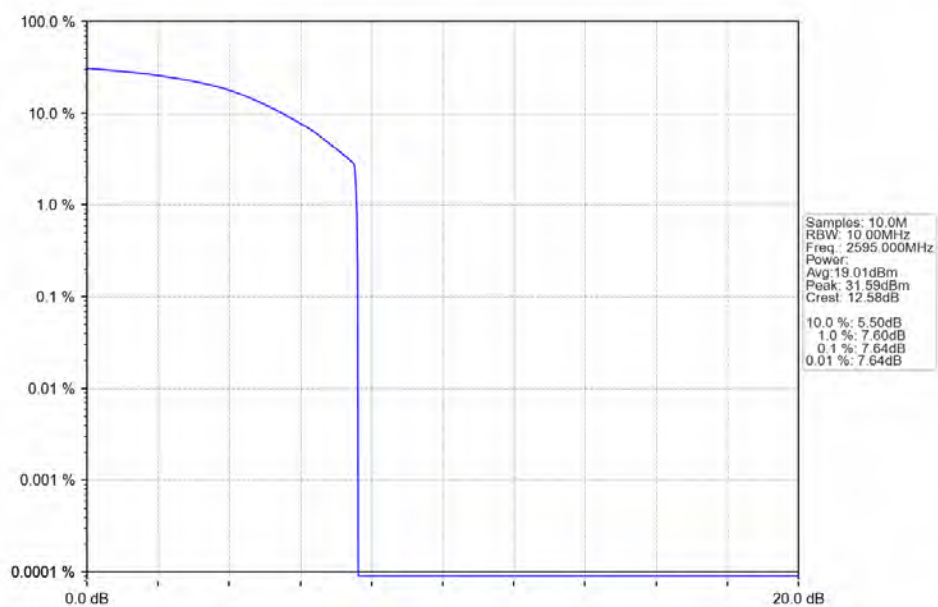
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



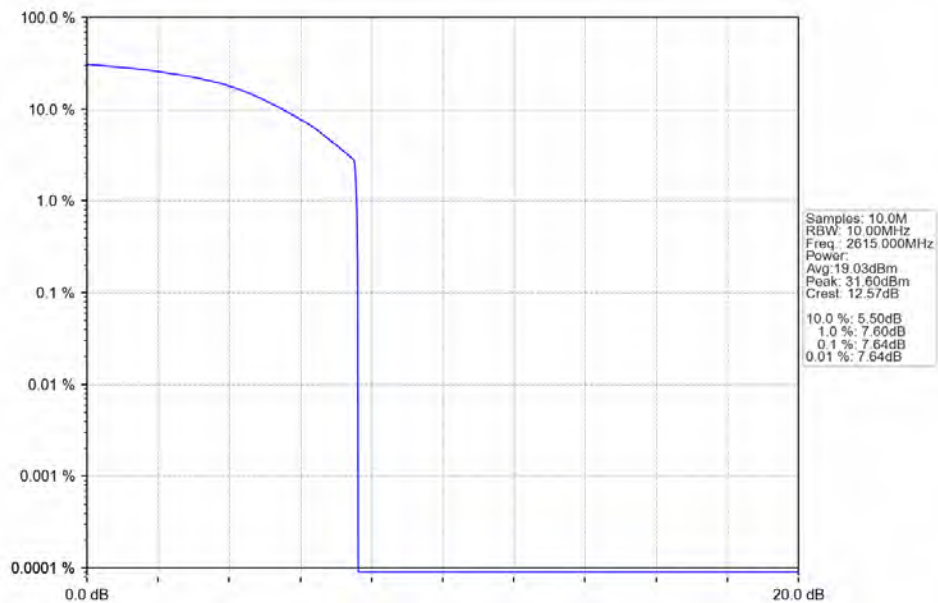
Band38 10MHz 64QAM LCH 2575MHz RB 50 0 NTV



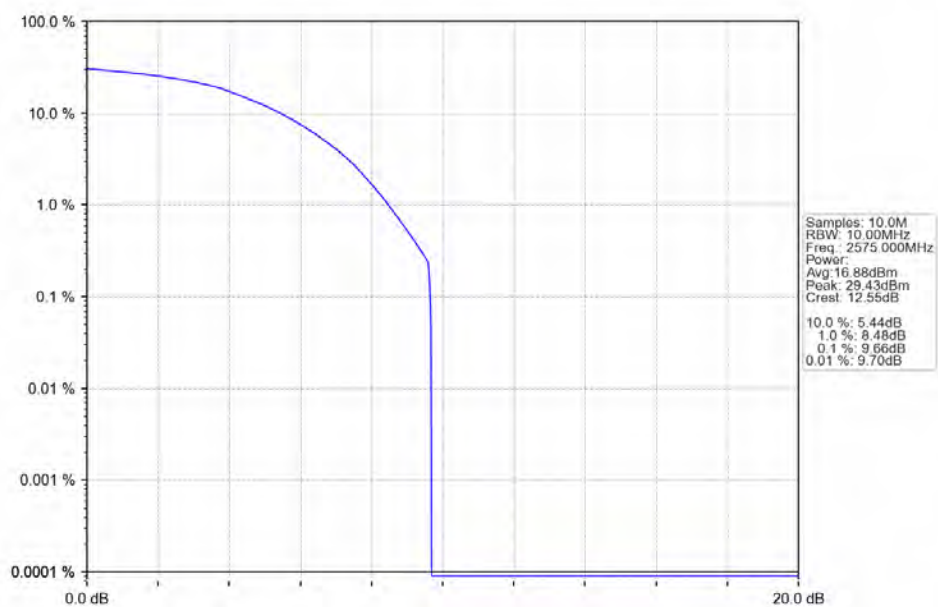
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTV



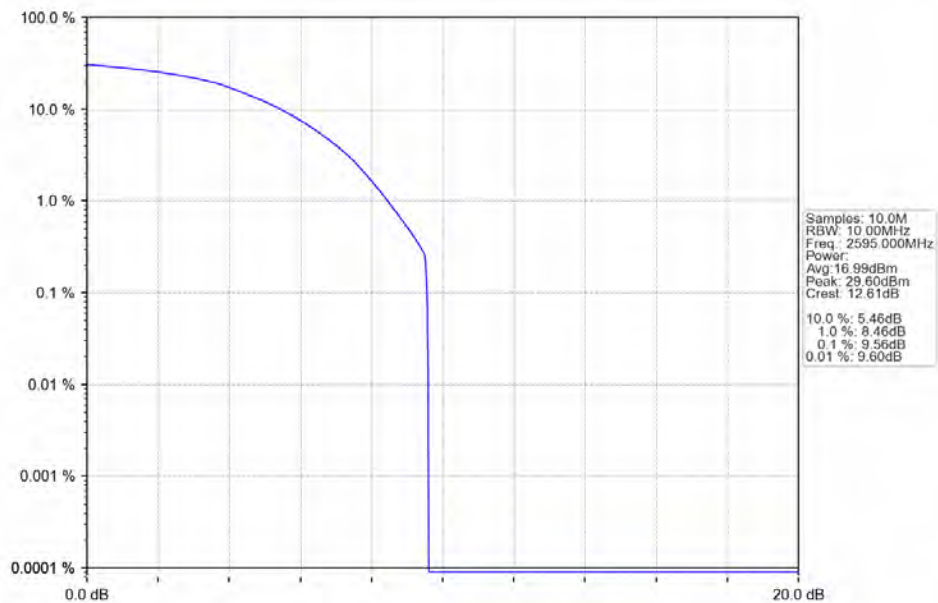
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



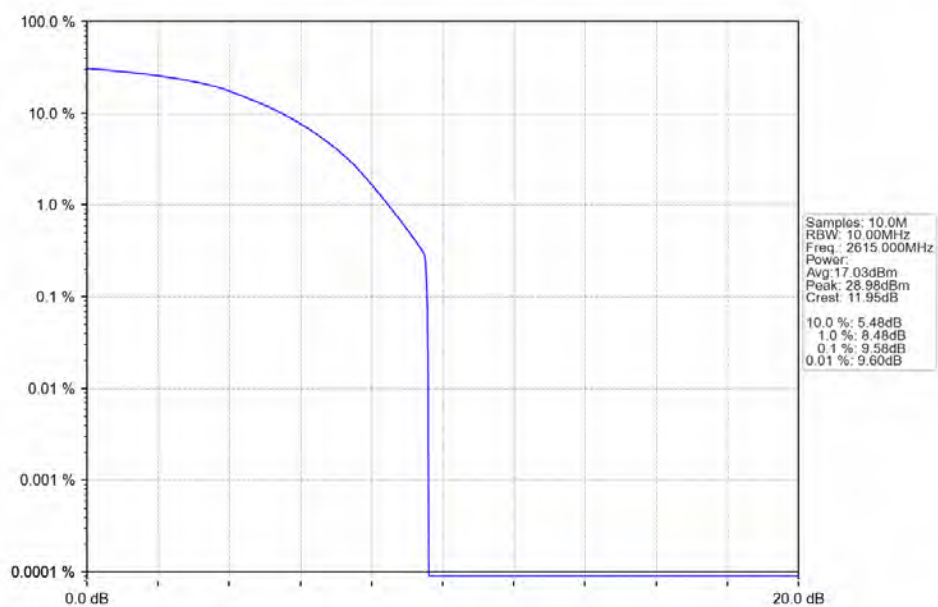
Band38_10MHz_256QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_256QAM_MCH_2595MHz_RB_50_0_NTNV

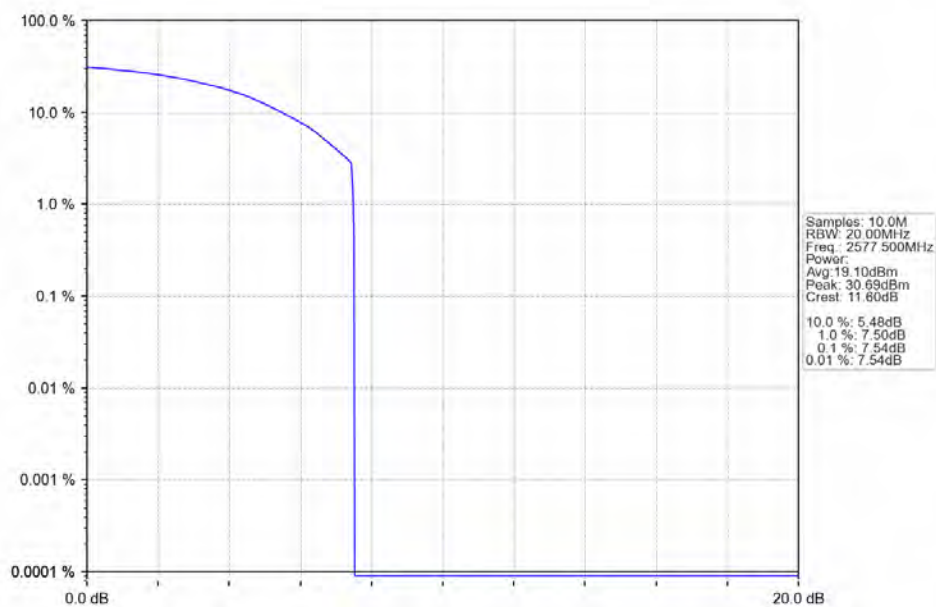


Band38_10MHz_256QAM_HCH_2615MHz_RB_50_0_NTNV

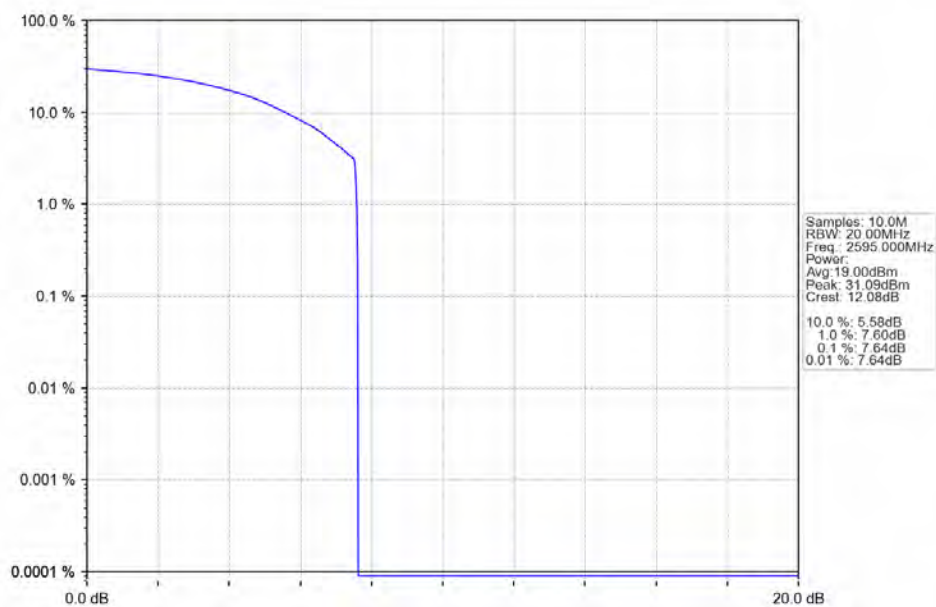


4.2.3 B38_15MHz

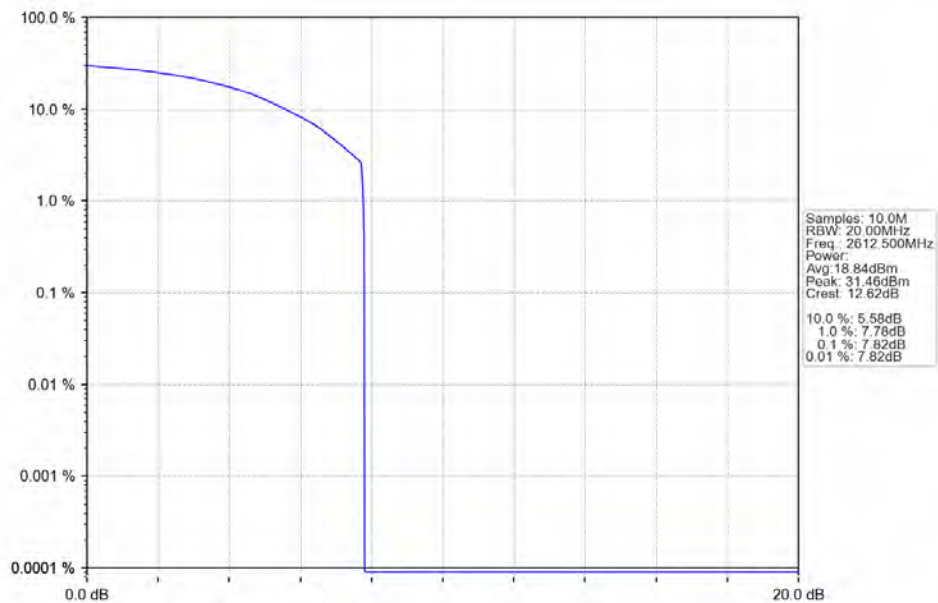
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



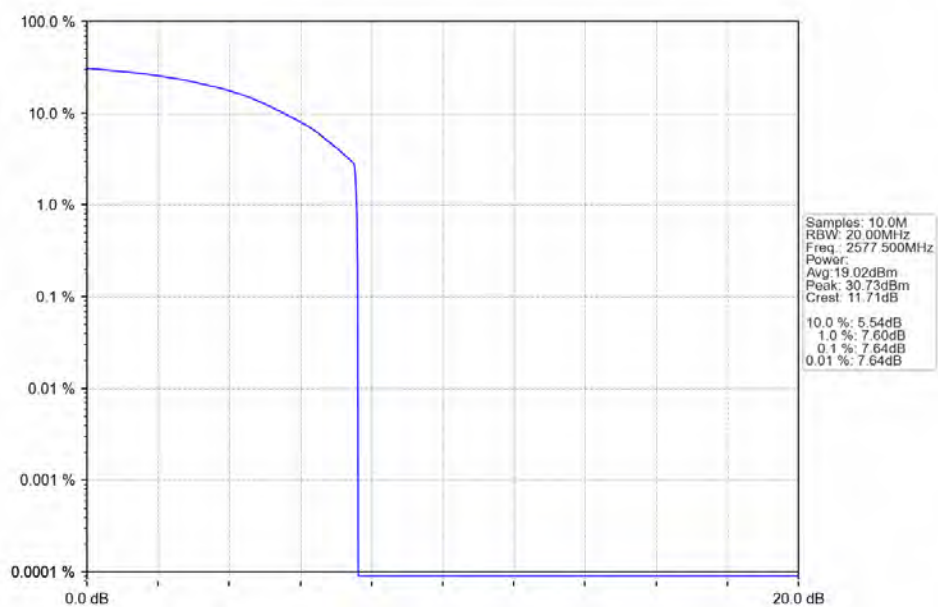
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



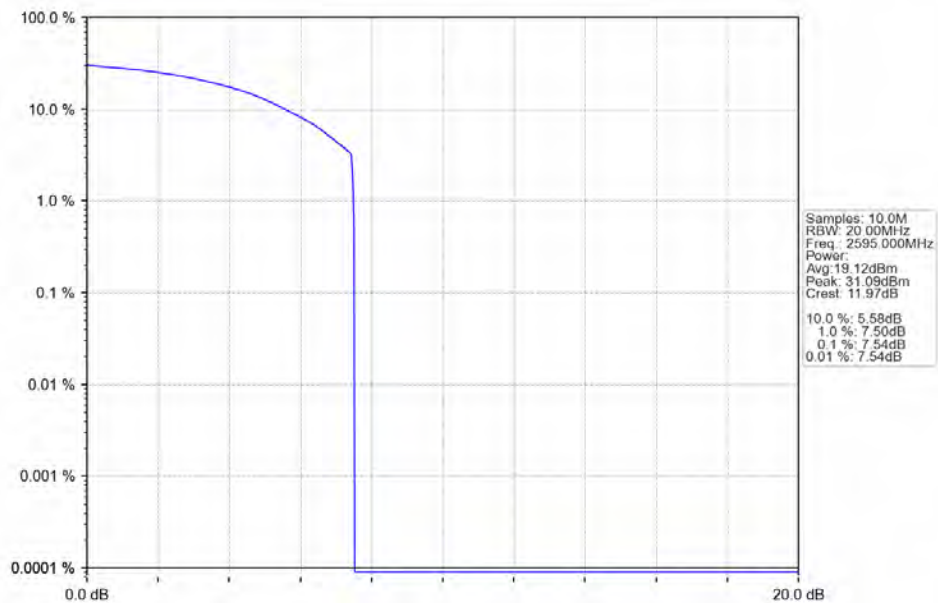
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



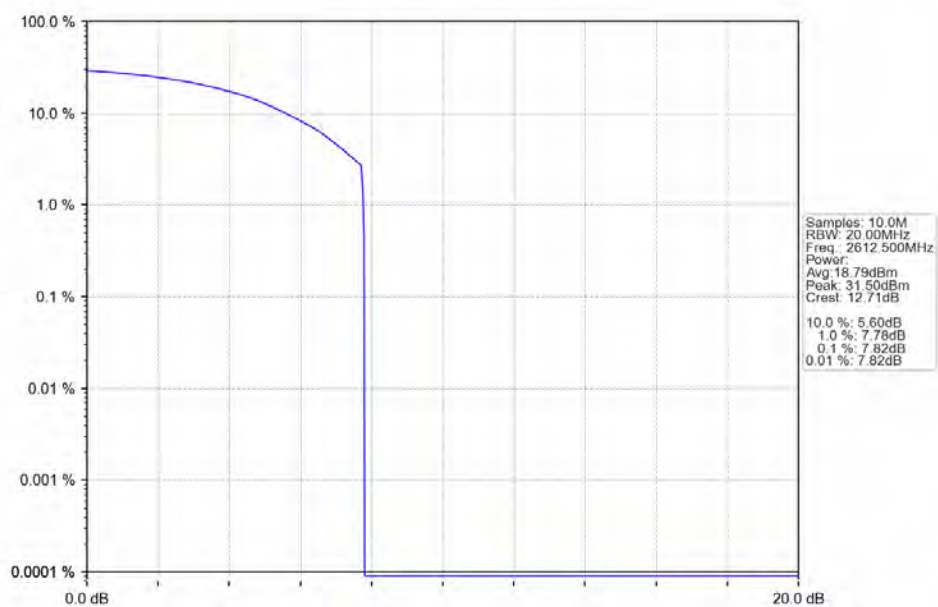
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



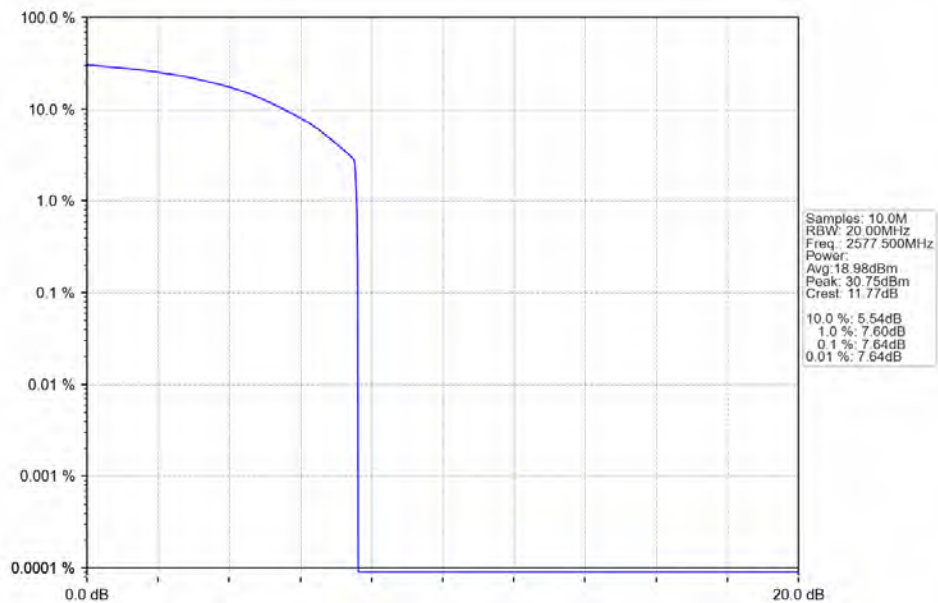
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



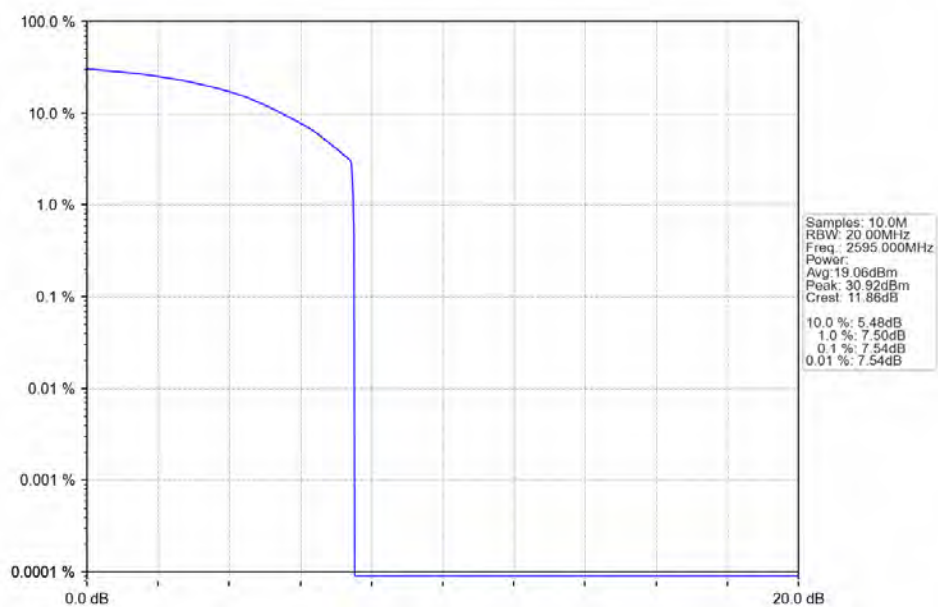
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



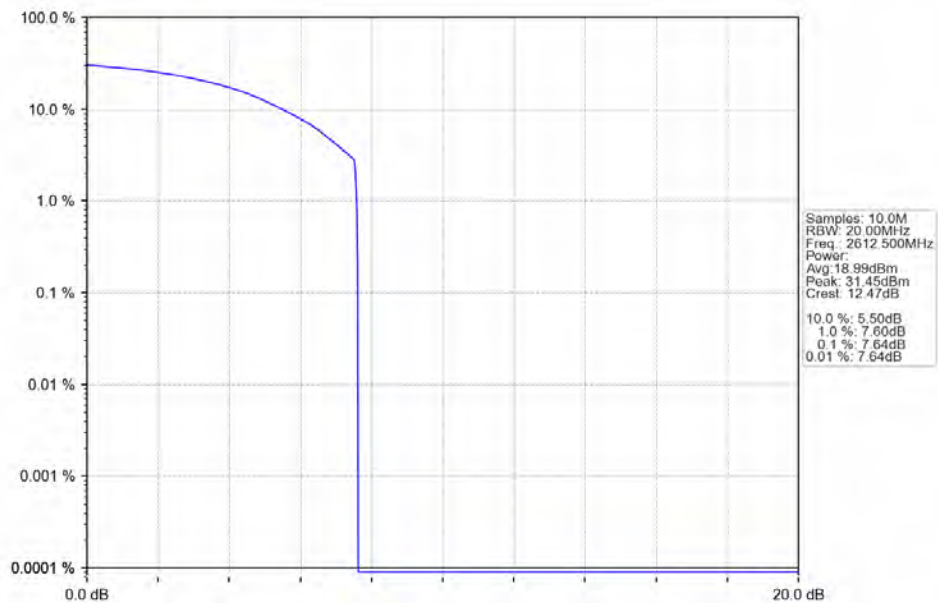
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



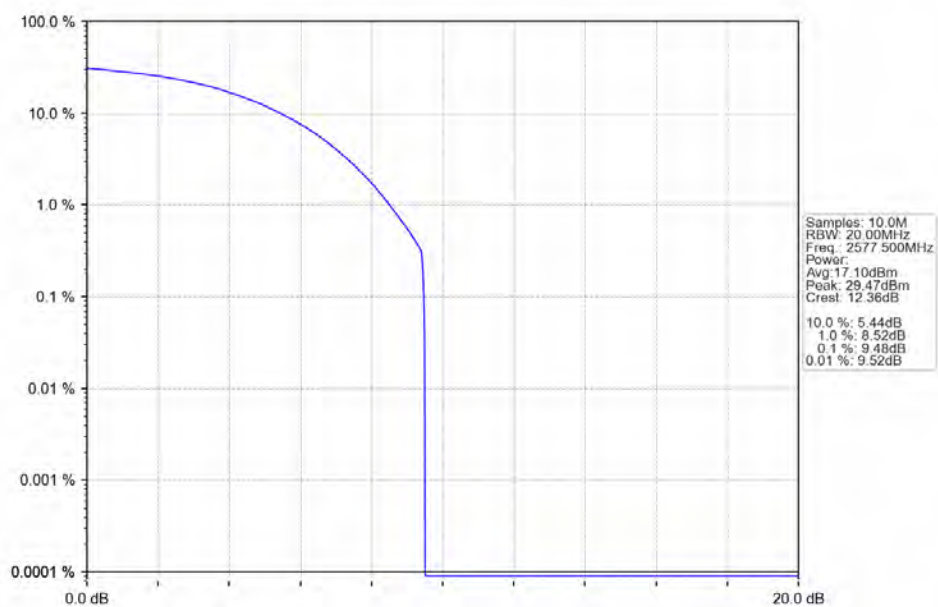
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



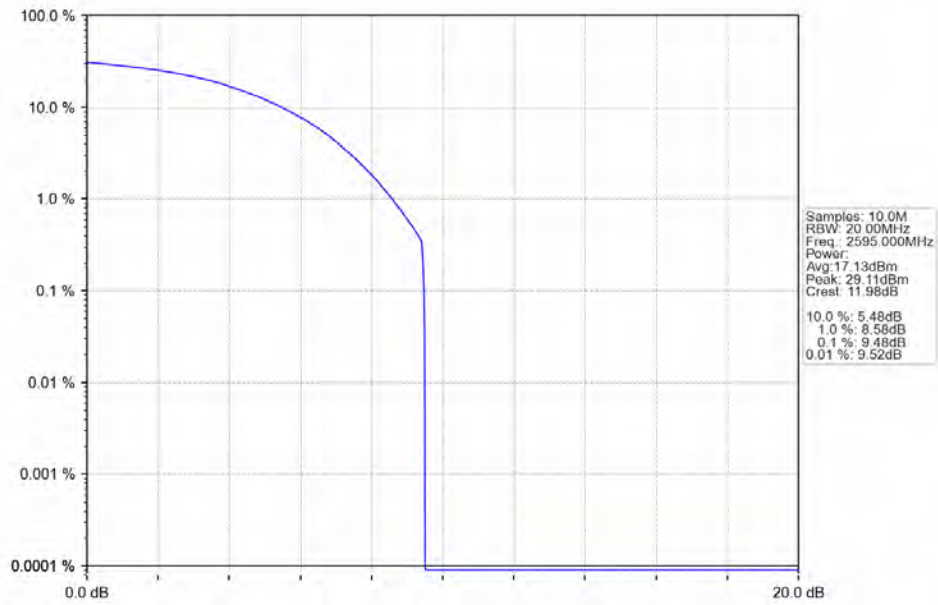
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



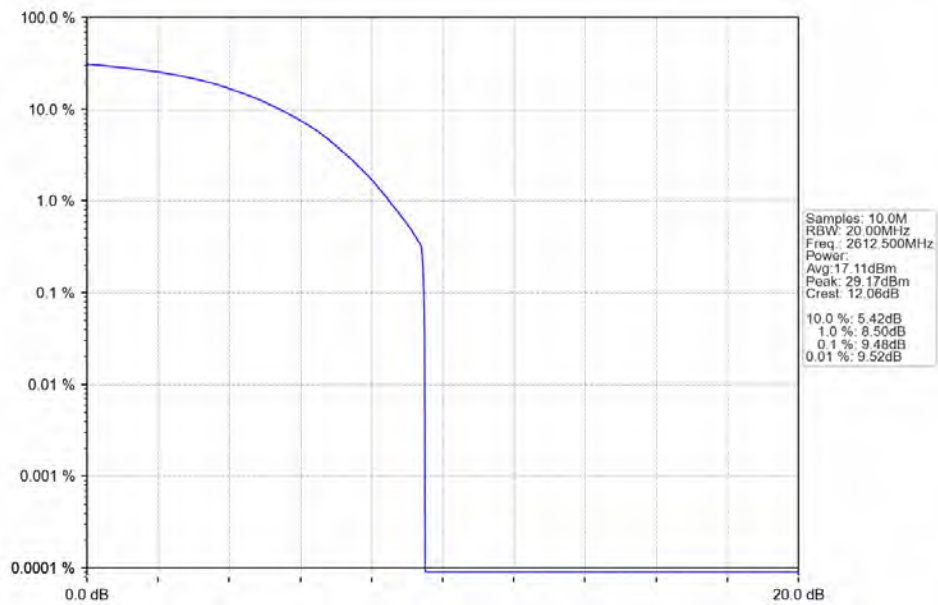
Band38_15MHz_256QAM_LCH_2577.5MHz_RB_75_0_NTNV



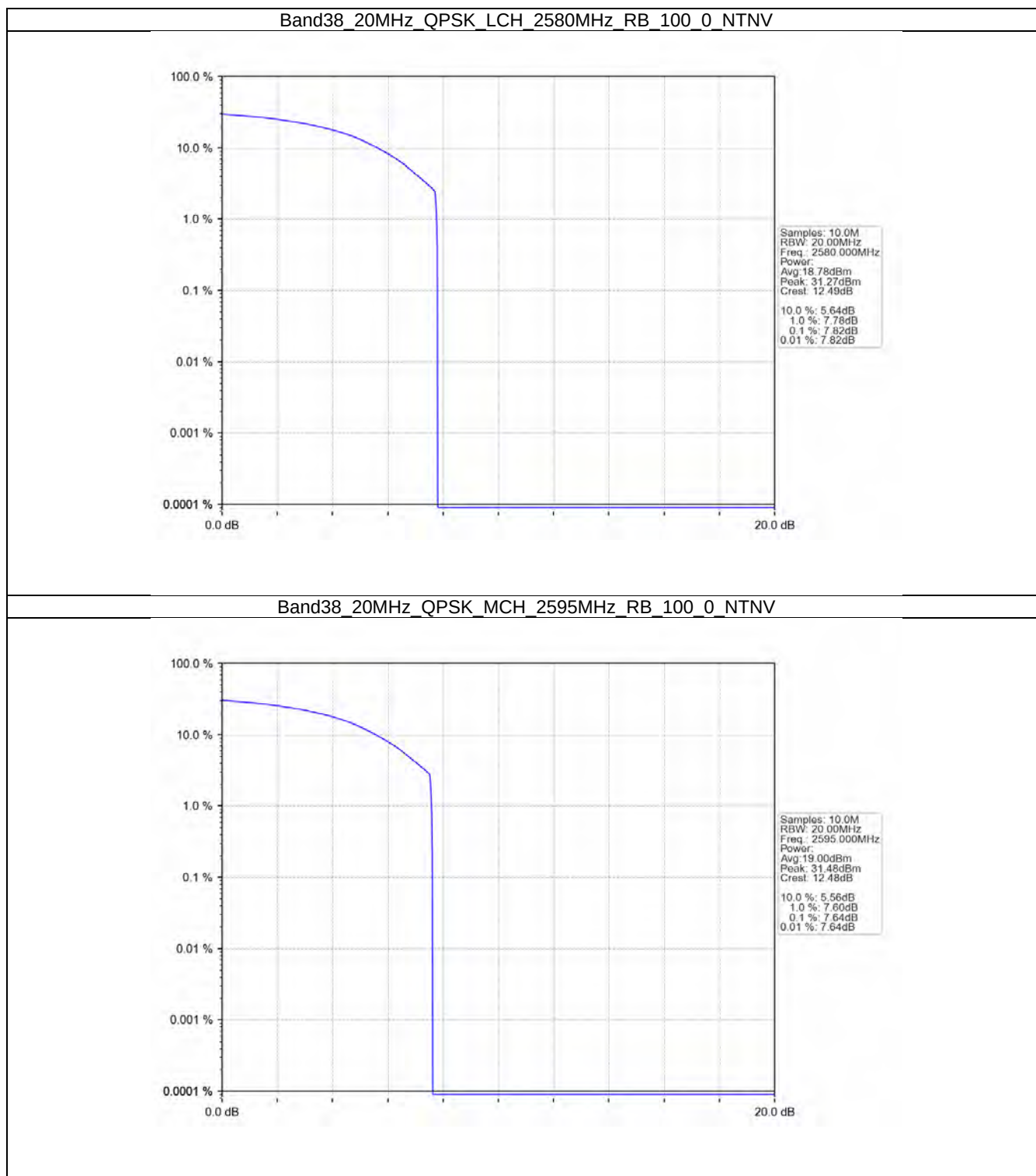
Band38_15MHz_256QAM_MCH_2595MHz_RB_75_0_NTNV



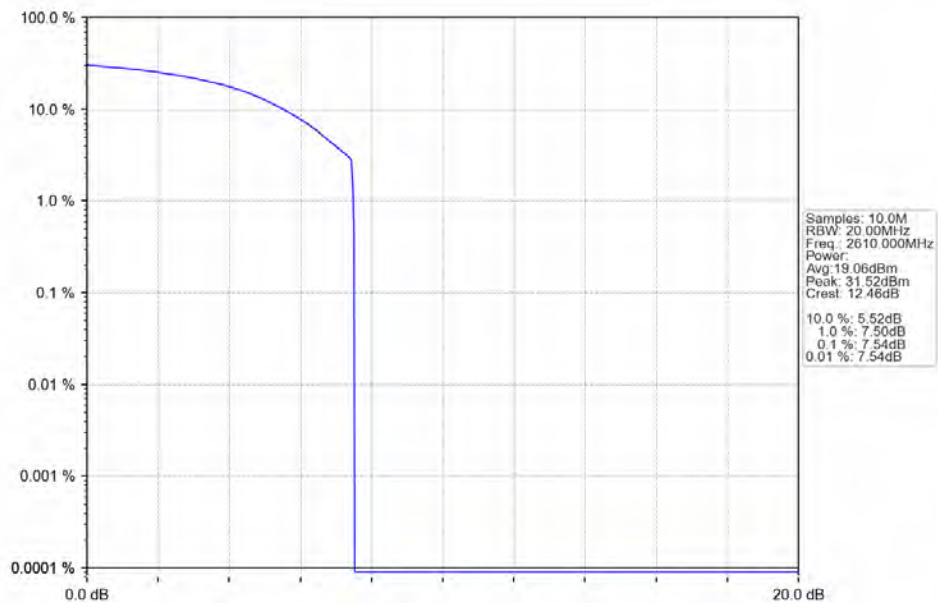
Band38_15MHz_256QAM_HCH_2612.5MHz_RB_75_0_NTNV



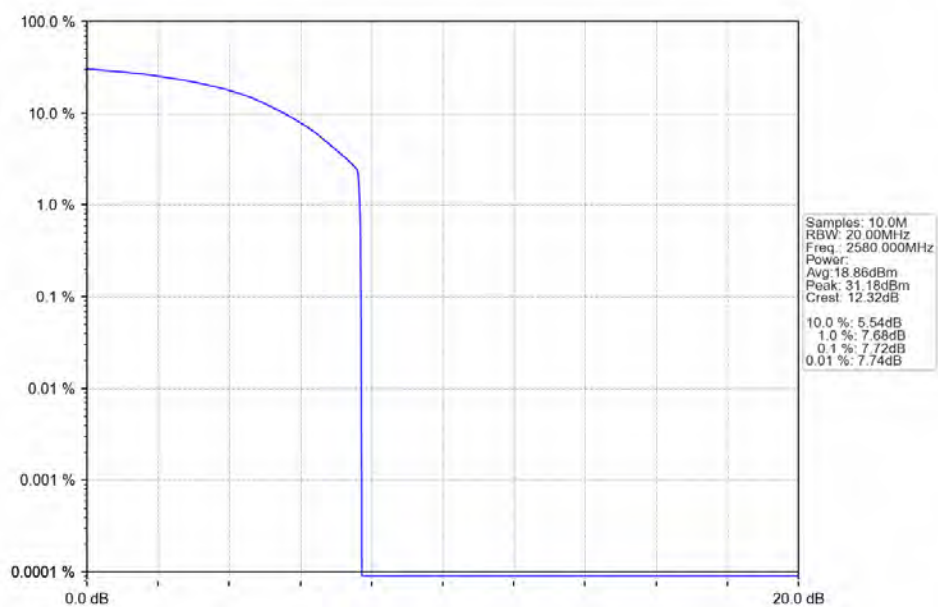
4.2.4 B38_20MHz



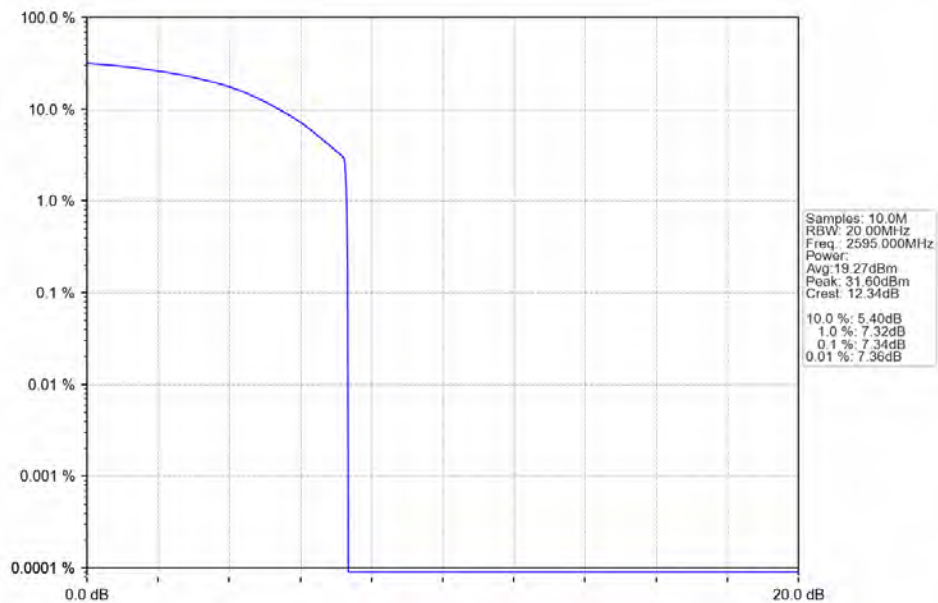
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



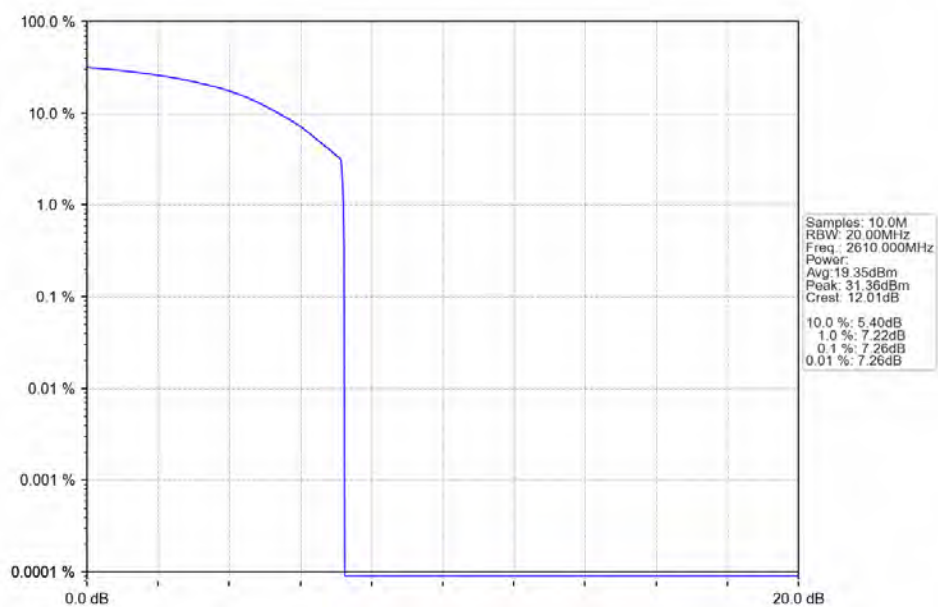
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



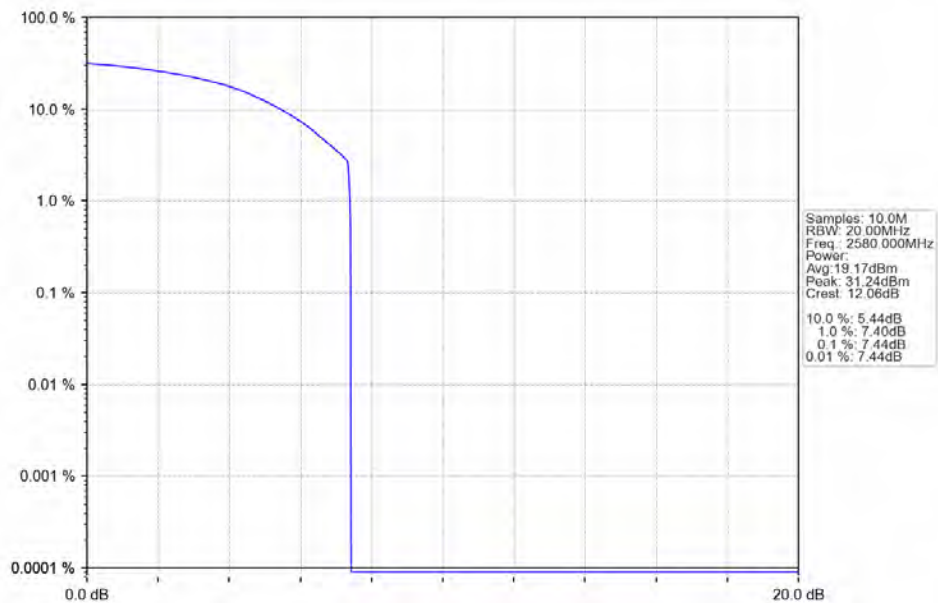
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



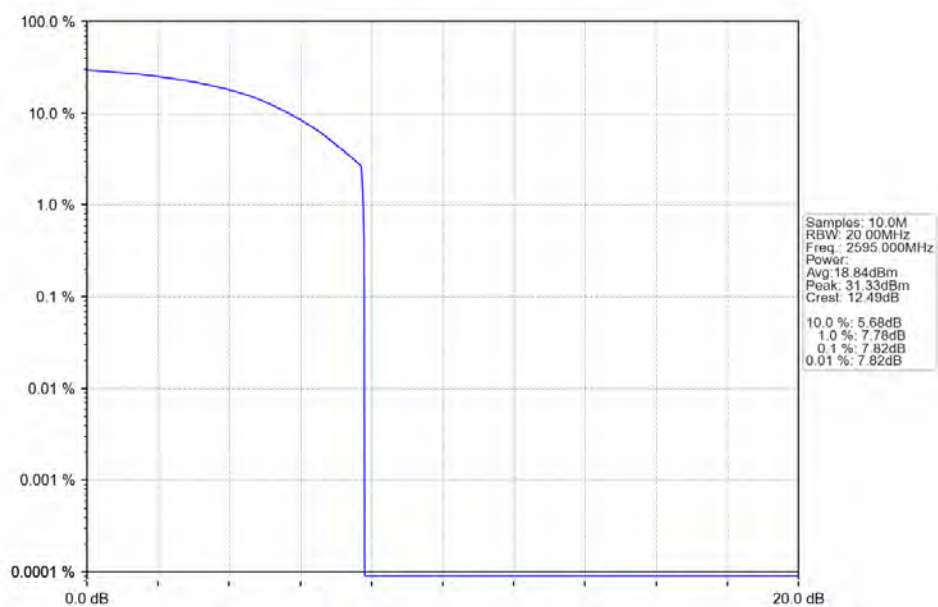
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



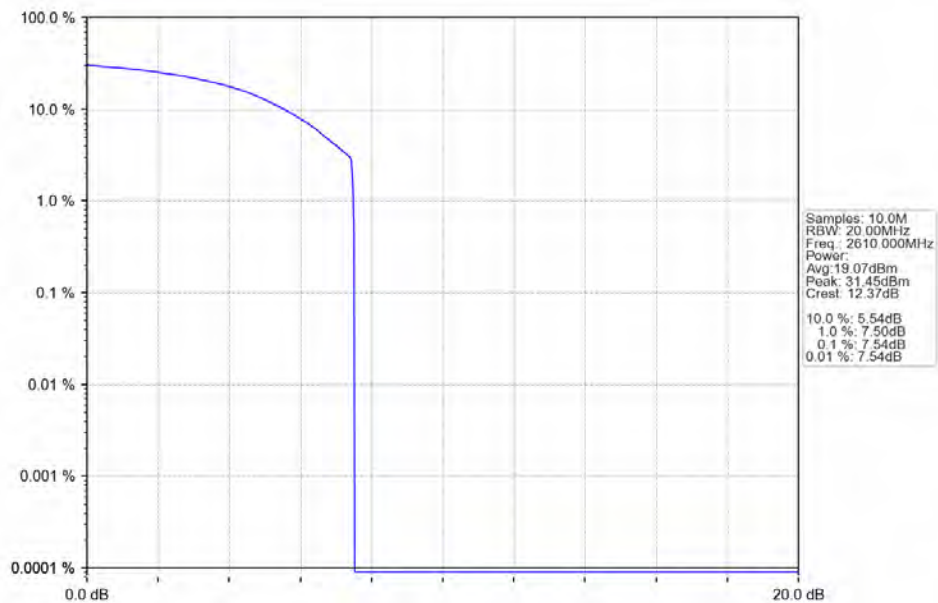
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



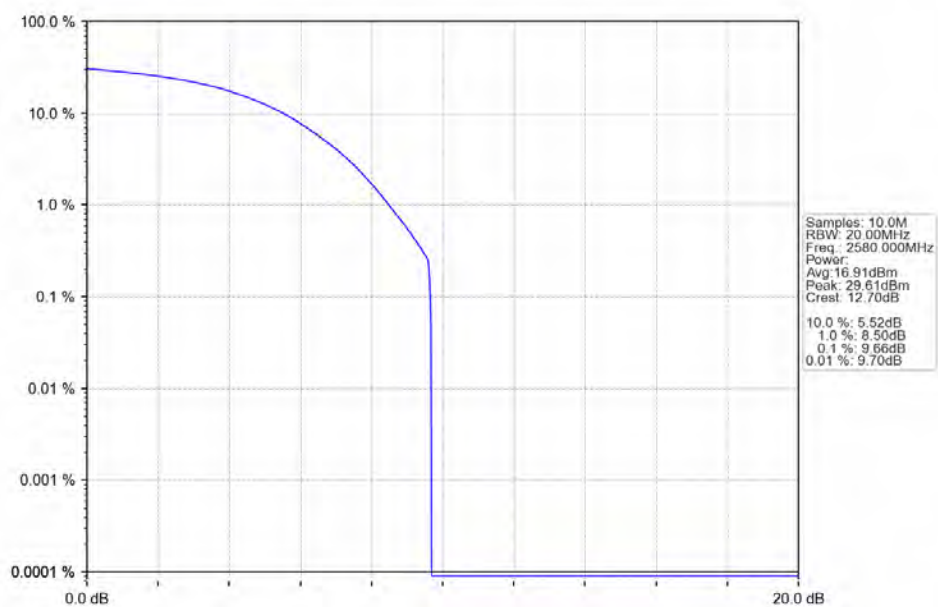
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



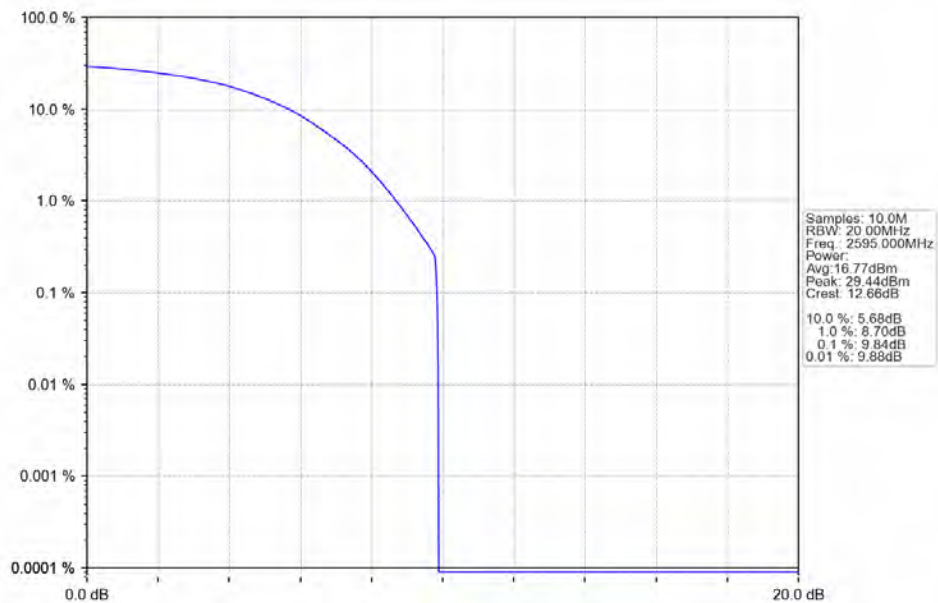
Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



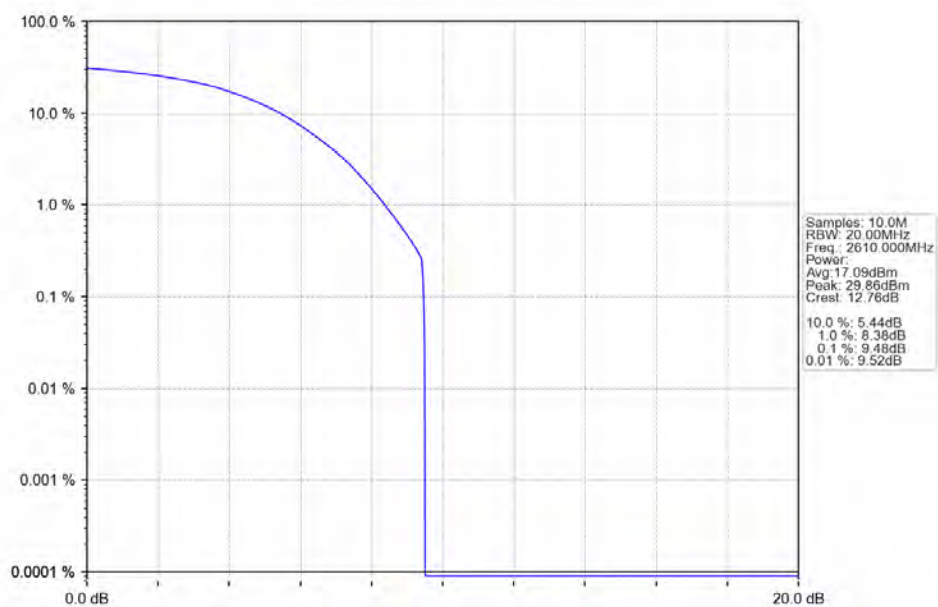
Band38_20MHz_256QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

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

5.1.2 B38_10MHz

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

5.1.3 B38_15MHz

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

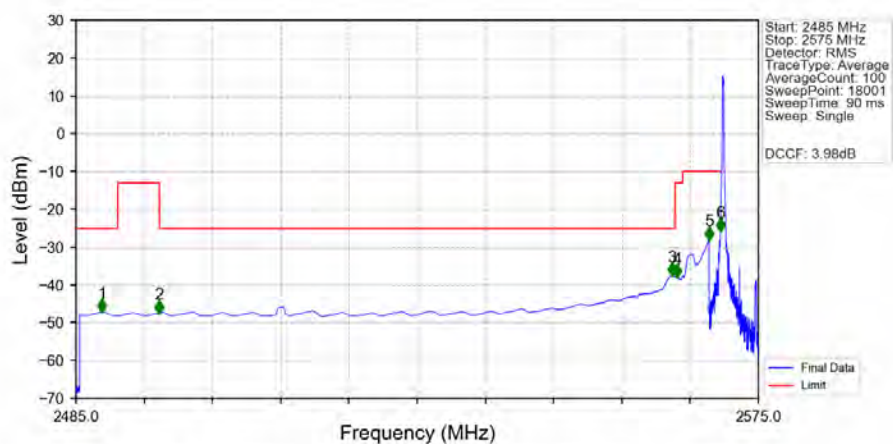
5.1.4 B38_20MHz

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

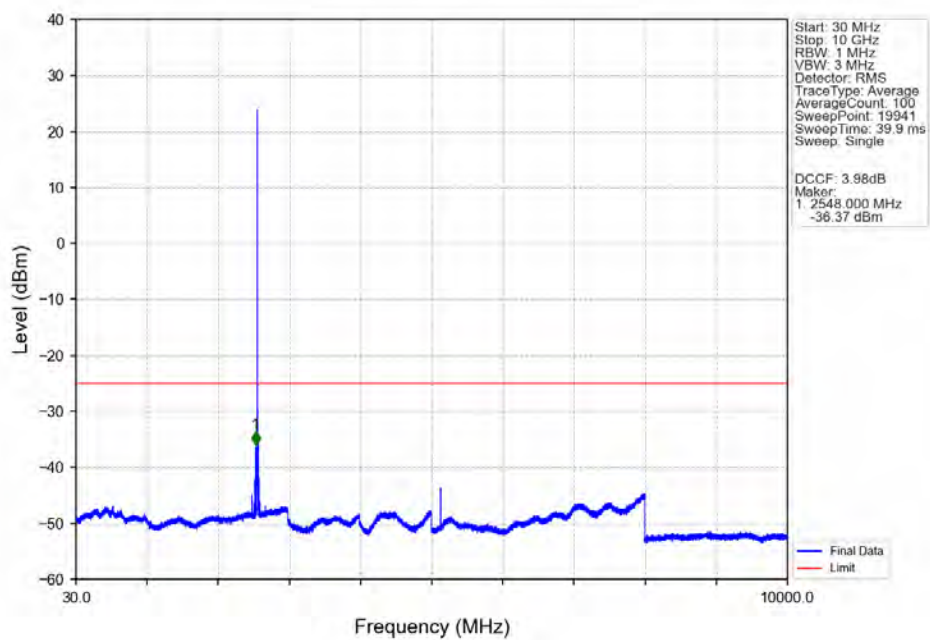
5.2 Test Graph

5.2.1 B38_5MHz

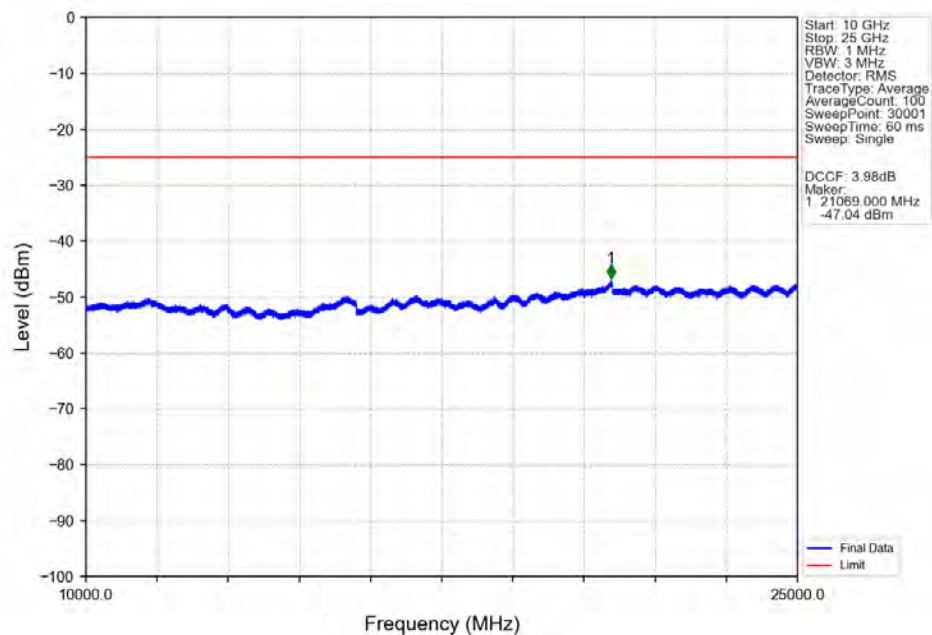
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



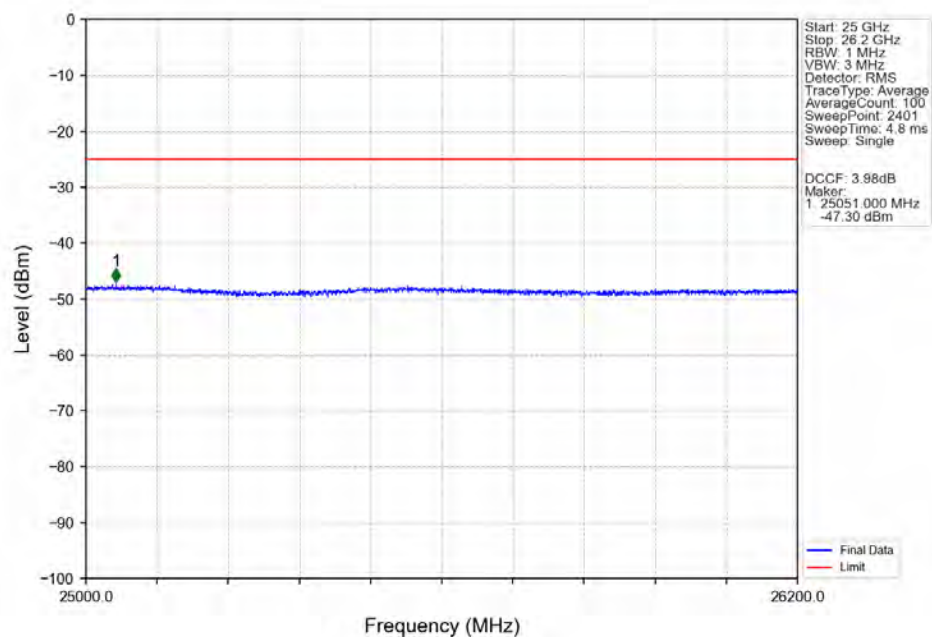
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



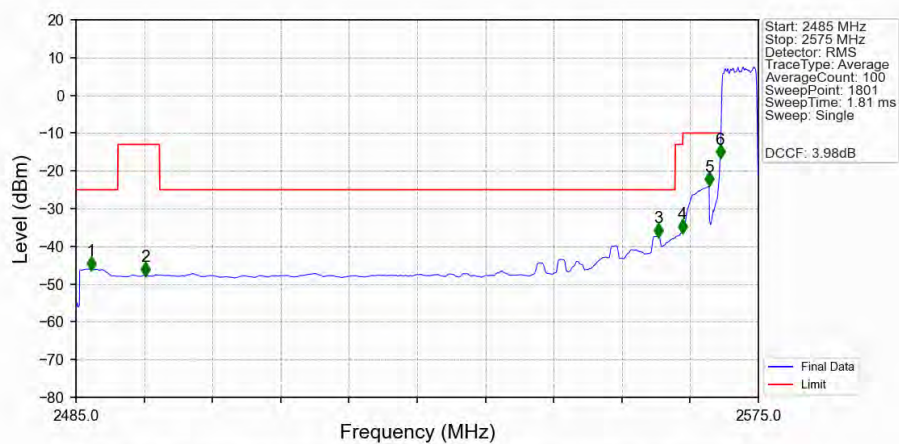
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

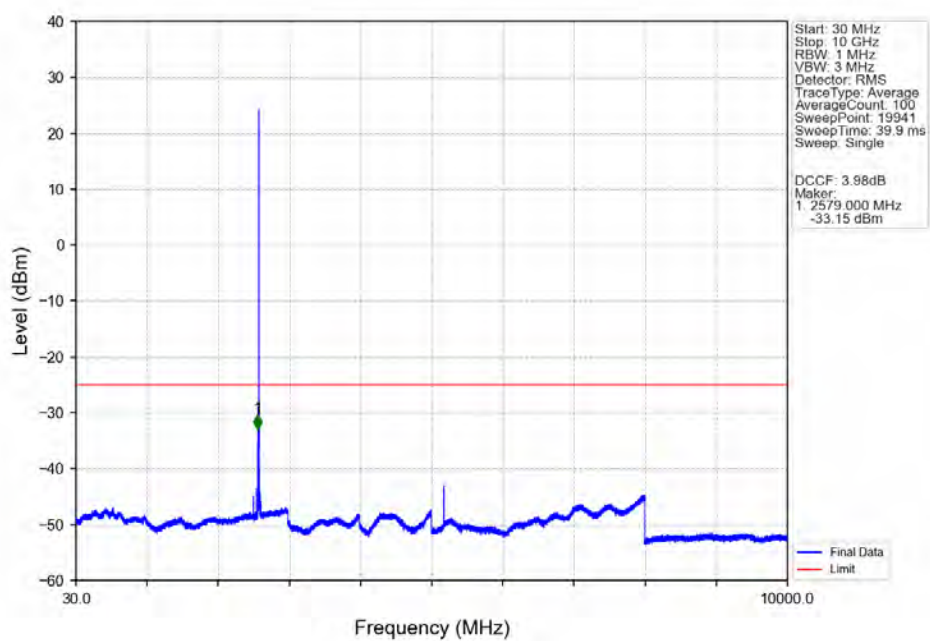


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

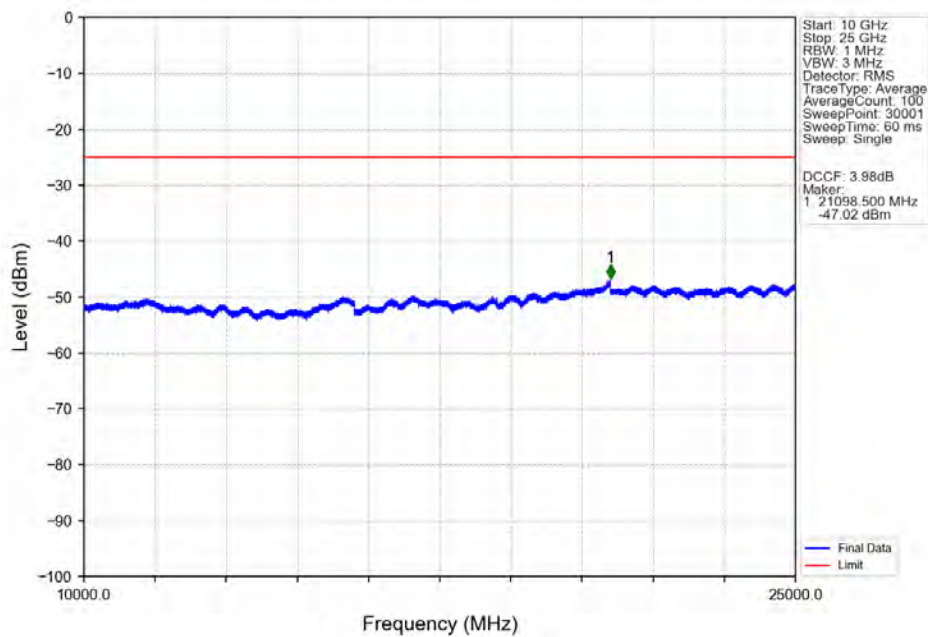


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.000	-46.02	-25	Pass
2490.5	2496	1	CHP	2	2494.150	-47.54	-13	Pass
2496	2564	1	CHP	3	2561.800	-37.28	-25	Pass
2564	2565	1	CHP	4	2565.000	-36.18	-13	Pass
2565	2569	1	CHP	5	2568.500	-23.77	-10	Pass
2569	2570	0.101	CHP	6	2569.950	-16.37	-10	Pass
2570	2575	0.101	CHP	/	/	/	/	/

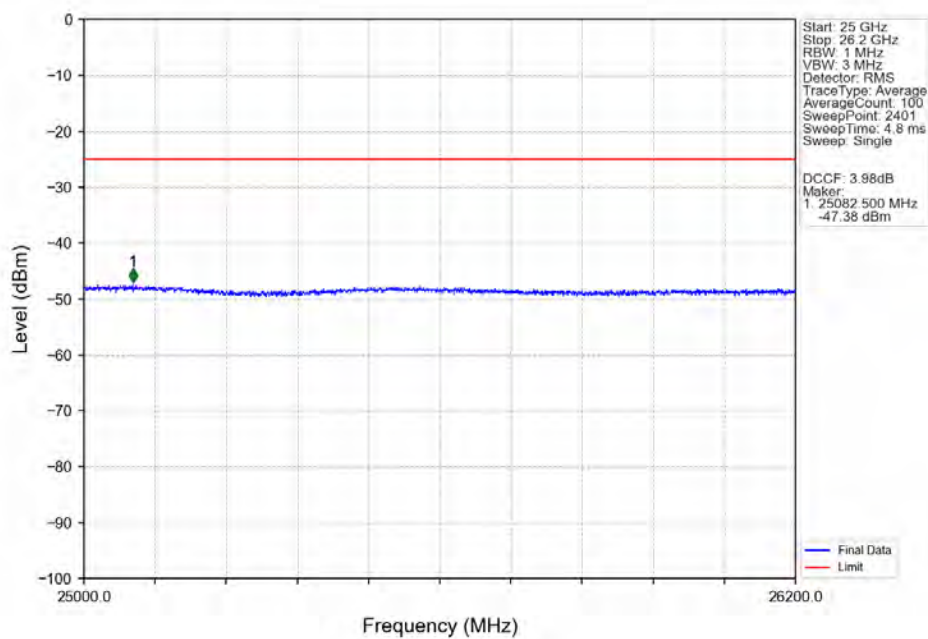
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



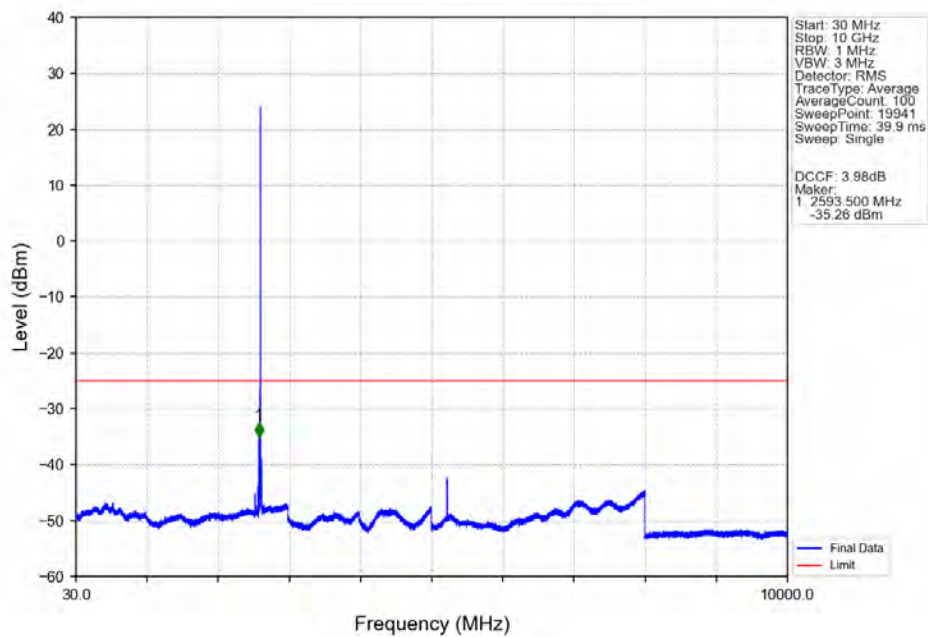
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



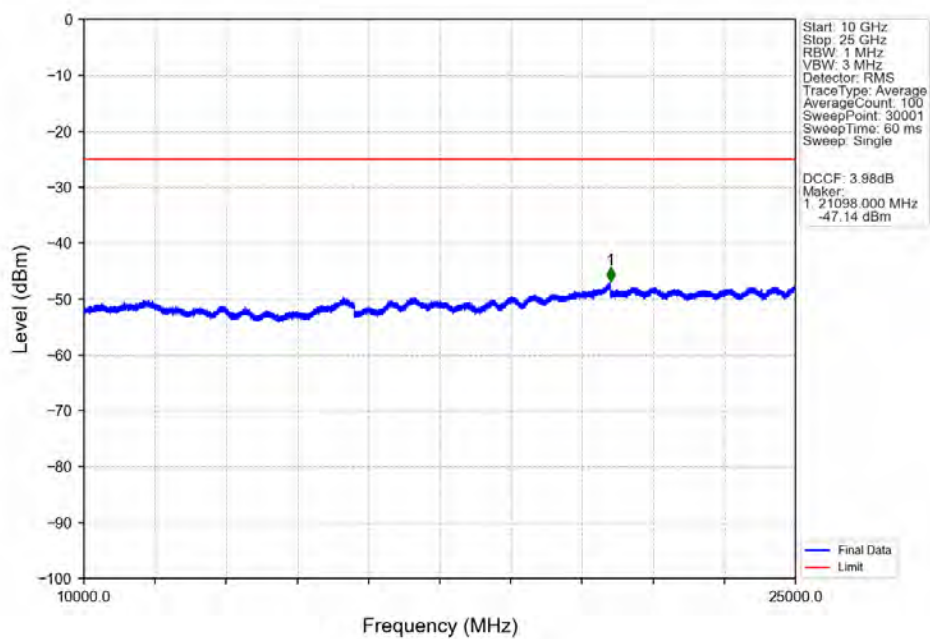
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



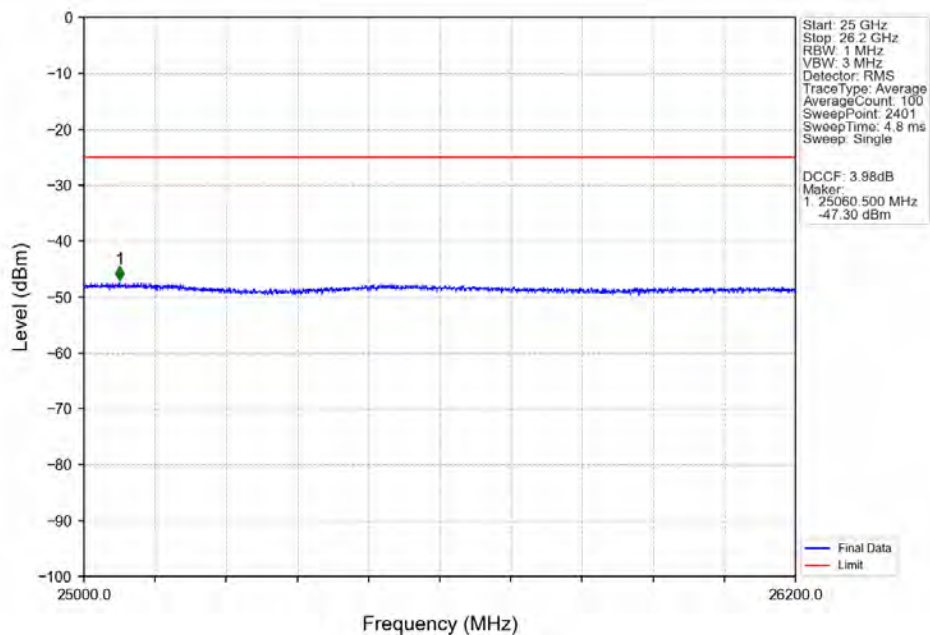
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



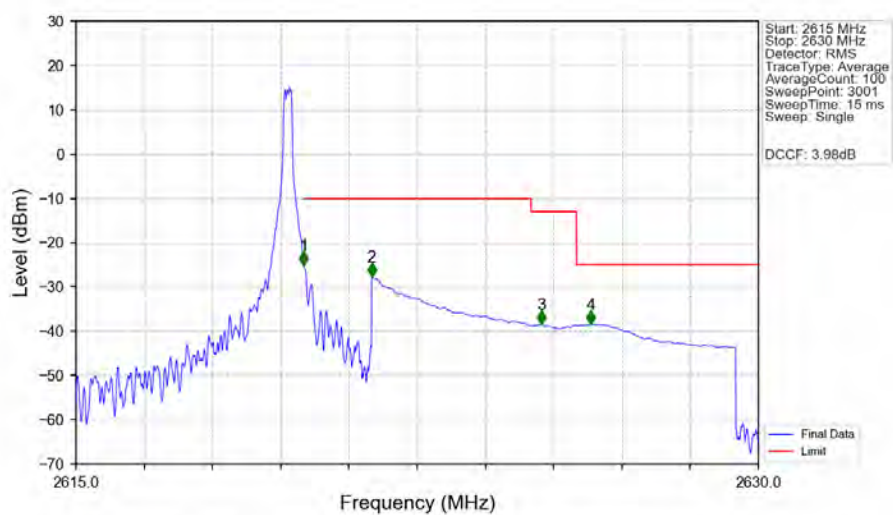
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

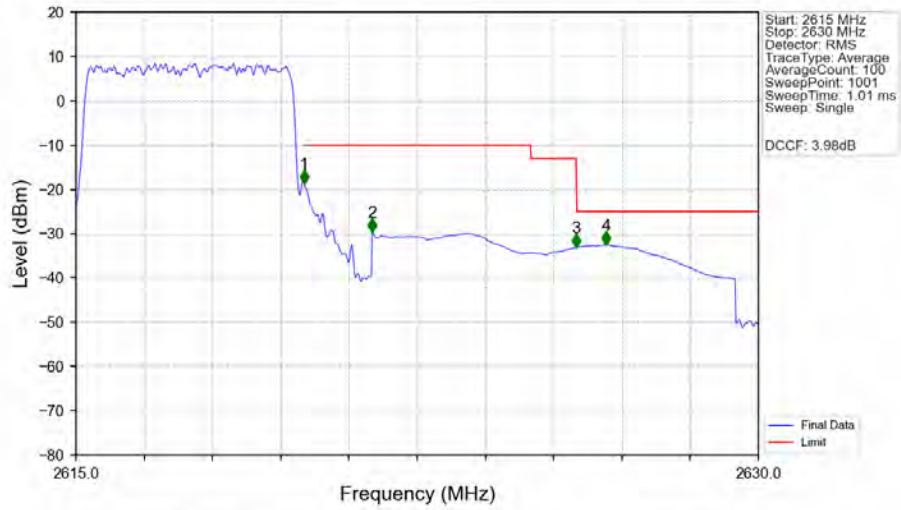


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-25.11	-10	Pass
2621	2625	1	CHP	2	2621.500	-27.74	-10	Pass
2625	2626	1	CHP	3	2625.235	-38.41	-13	Pass
2626	2630	1	CHP	4	2626.315	-38.48	-25	Pass

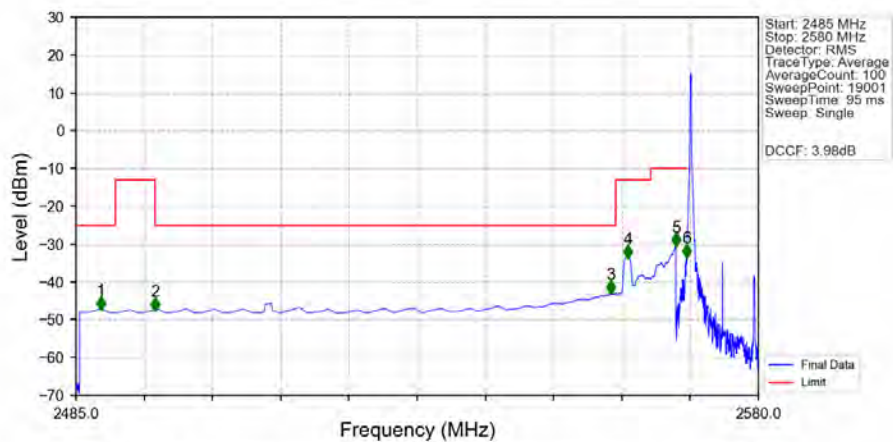
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.1	/	/	/	/	/	/
2620	2621	0.1	/	1	2620.010	-18.77	-10	Pass
2621	2625	1	CHP	2	2621.510	-29.72	-10	Pass
2625	2626	1	CHP	3	2625.995	-33.19	-13	Pass
2626	2630	1	CHP	4	2626.655	-32.54	-25	Pass

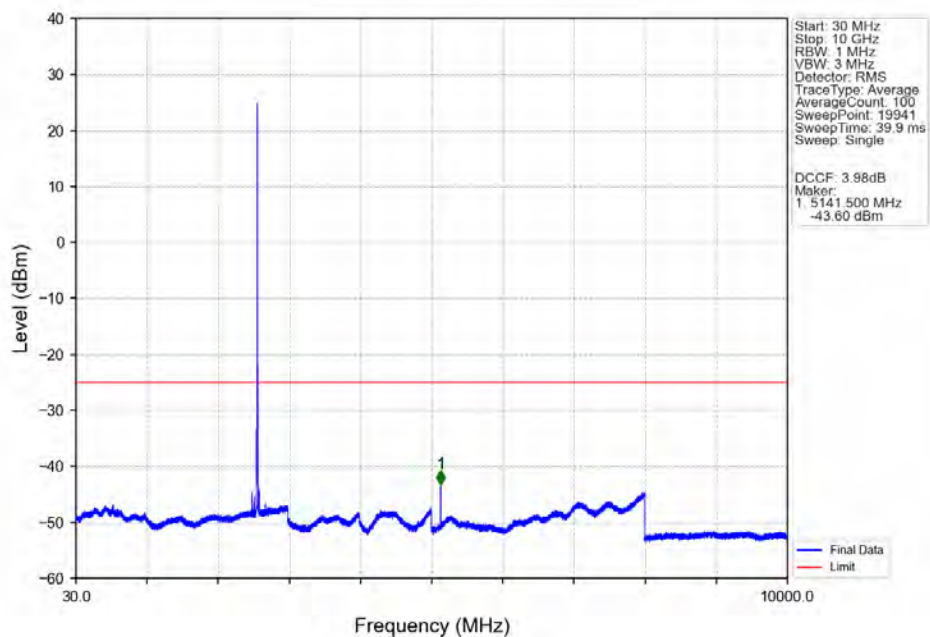
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

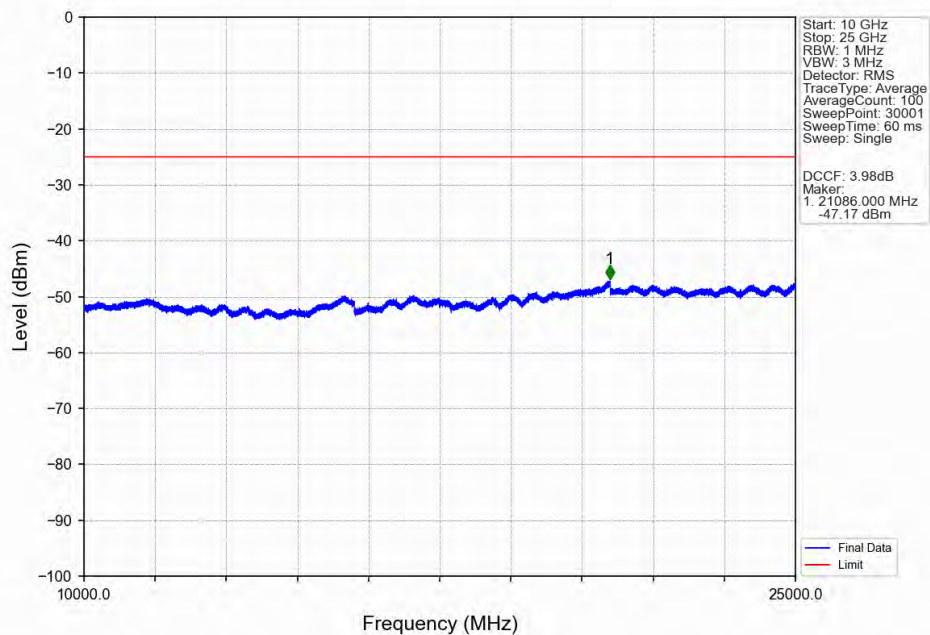


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.425	-47.14	-25	Pass
2490.5	2496	1	CHP	2	2495.995	-47.38	-13	Pass
2496	2560.133	1	CHP	3	2559.440	-42.90	-25	Pass
2560.133	2565	1	CHP	4	2561.845	-33.48	-13	Pass
2565	2569	1	CHP	5	2568.500	-30.44	-10	Pass
2569	2570	0.02	CHP	6	2569.970	-33.23	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

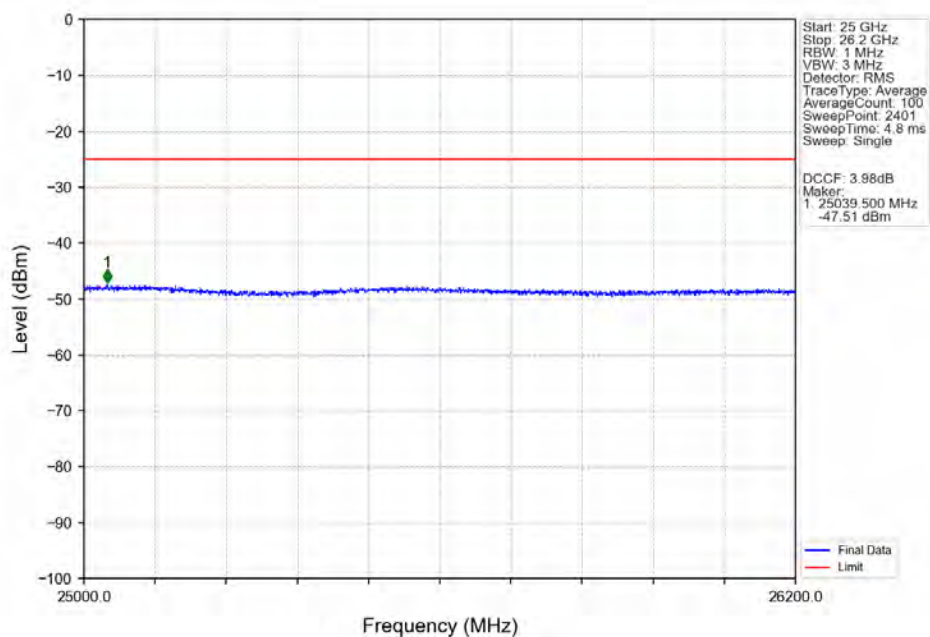
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



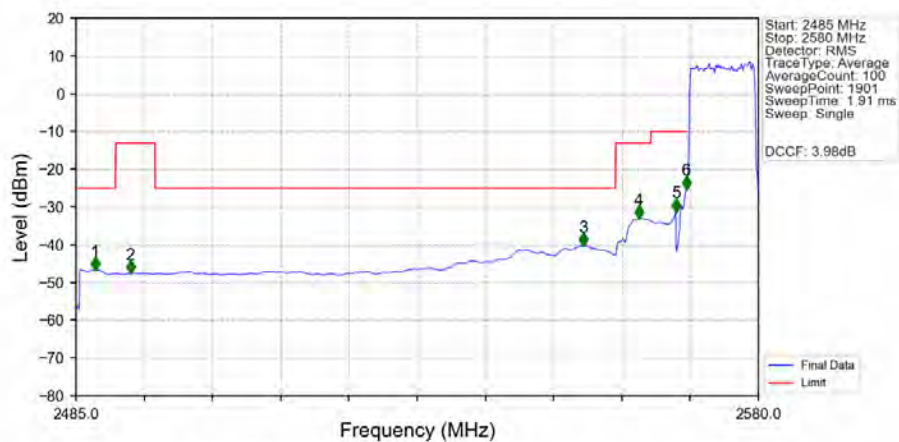
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

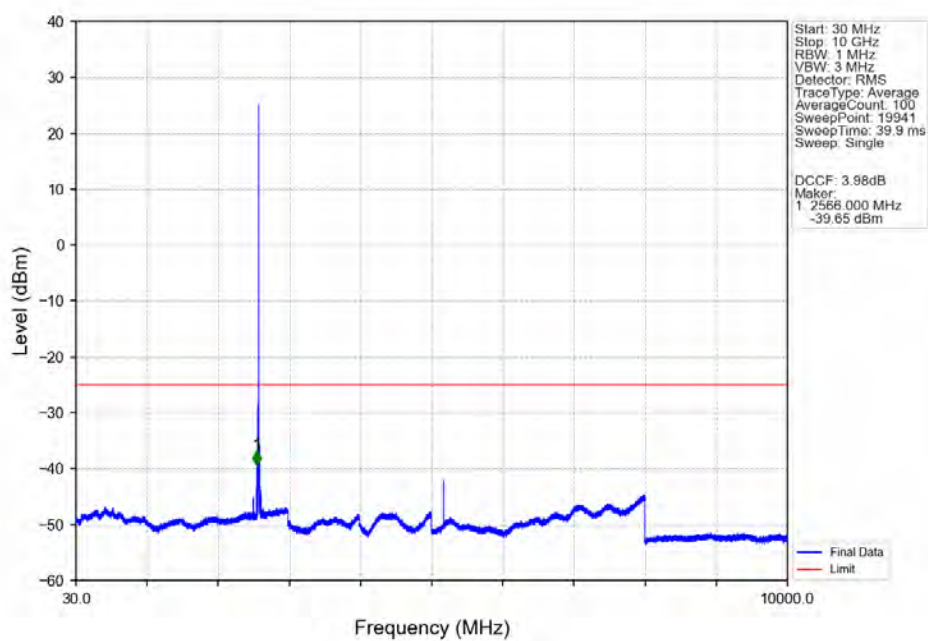


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

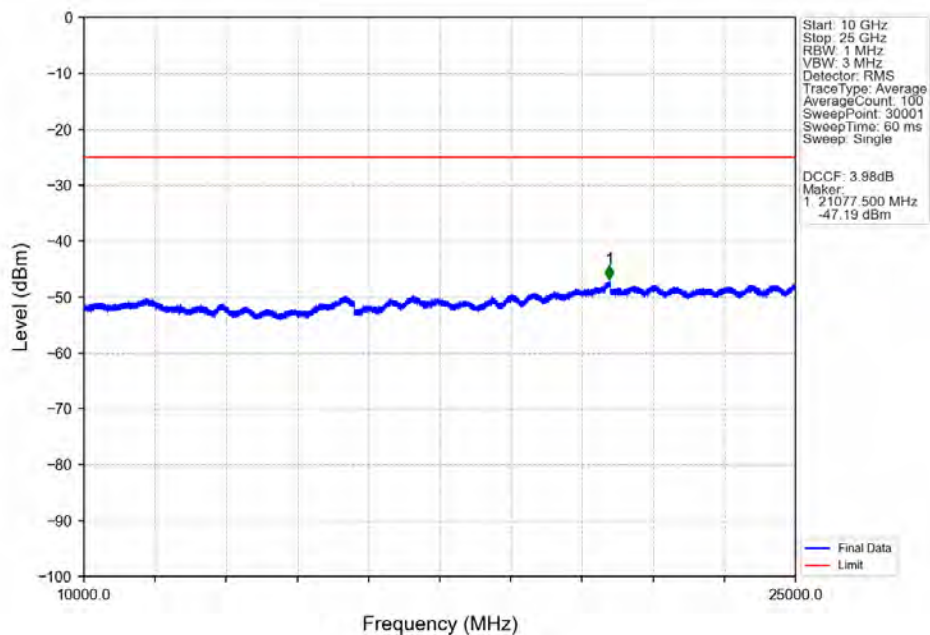


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.650	-46.64	-25	Pass
2490.5	2496	1	CHP	2	2492.600	-47.42	-13	Pass
2496	2560.133	1	CHP	3	2555.650	-40.22	-25	Pass
2560.133	2565	1	CHP	4	2563.350	-32.90	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.06	-10	Pass
2569	2570	0.197	CHP	6	2569.950	-25.12	-10	Pass
2570	2580	0.197	CHP	/	/	/	/	/

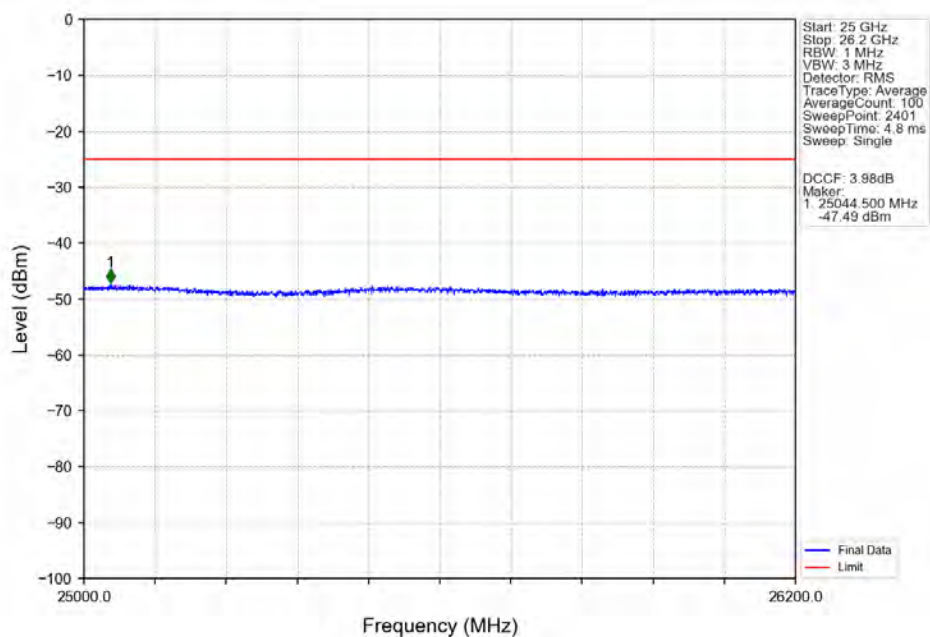
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



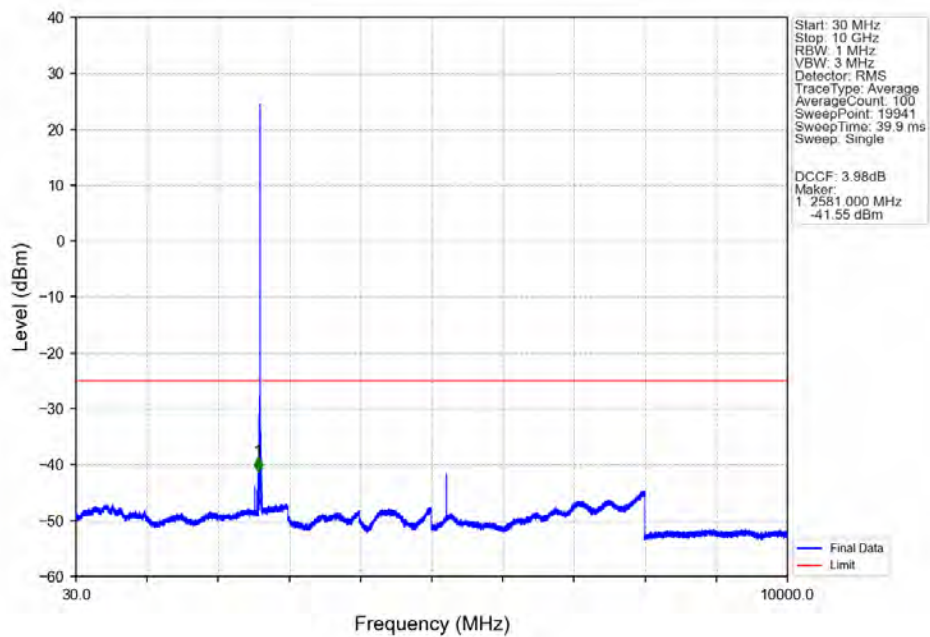
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



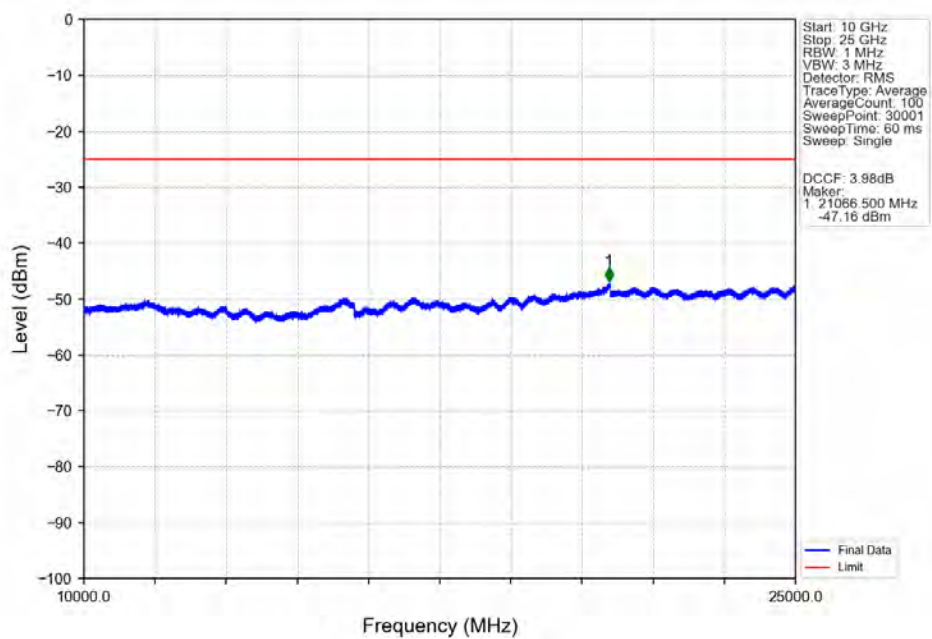
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



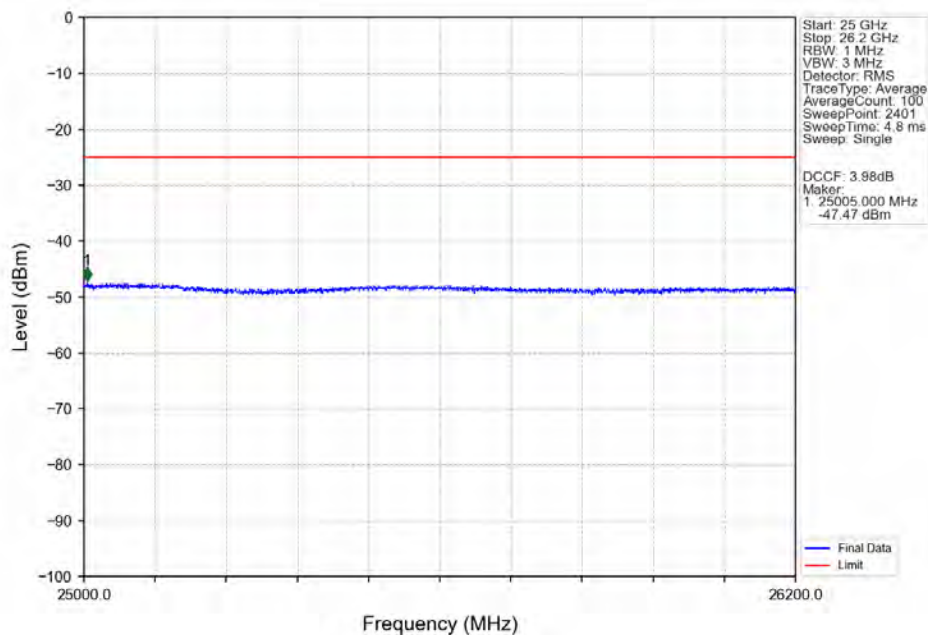
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



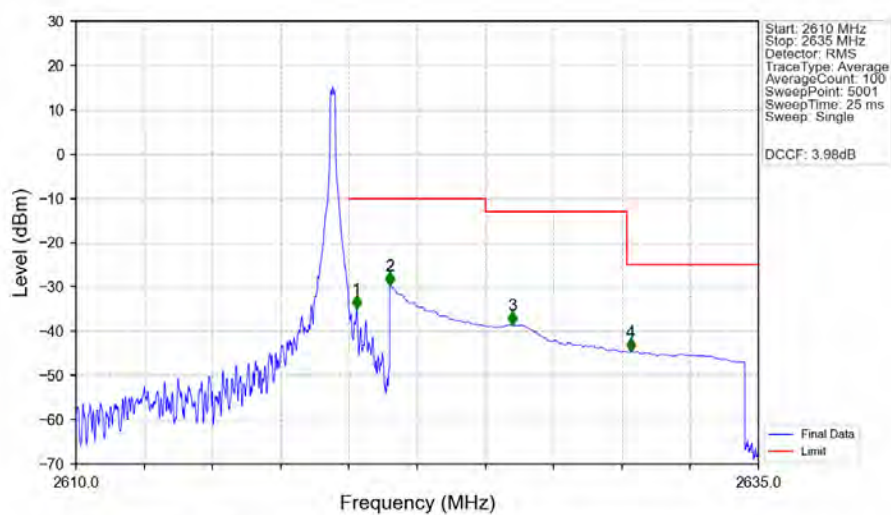
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

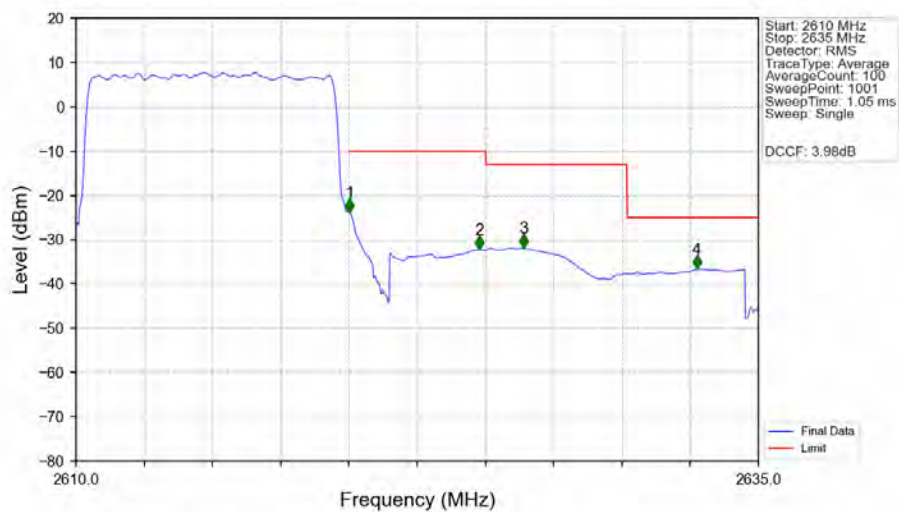


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.285	-35.04	-10	Pass
2621	2625	1	CHP	2	2621.500	-29.68	-10	Pass
2625	2630.181	1	CHP	3	2625.985	-38.53	-13	Pass
2630.181	2635	1	CHP	4	2630.330	-44.66	-25	Pass

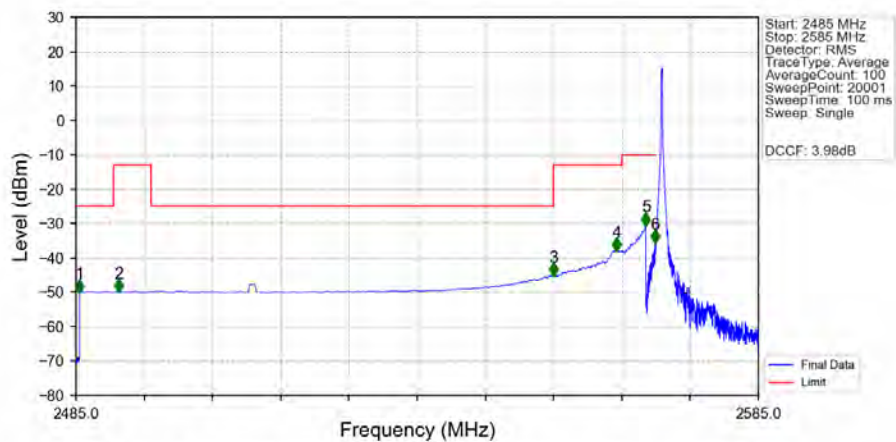
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.204	CHP	/	/	/	/	/
2620	2621	0.204	CHP	1	2620.025	-23.83	-10	Pass
2621	2625	1	CHP	2	2624.775	-32.24	-10	Pass
2625	2630.181	1	CHP	3	2626.400	-31.92	-13	Pass
2630.181	2635	1	CHP	4	2632.750	-36.65	-25	Pass

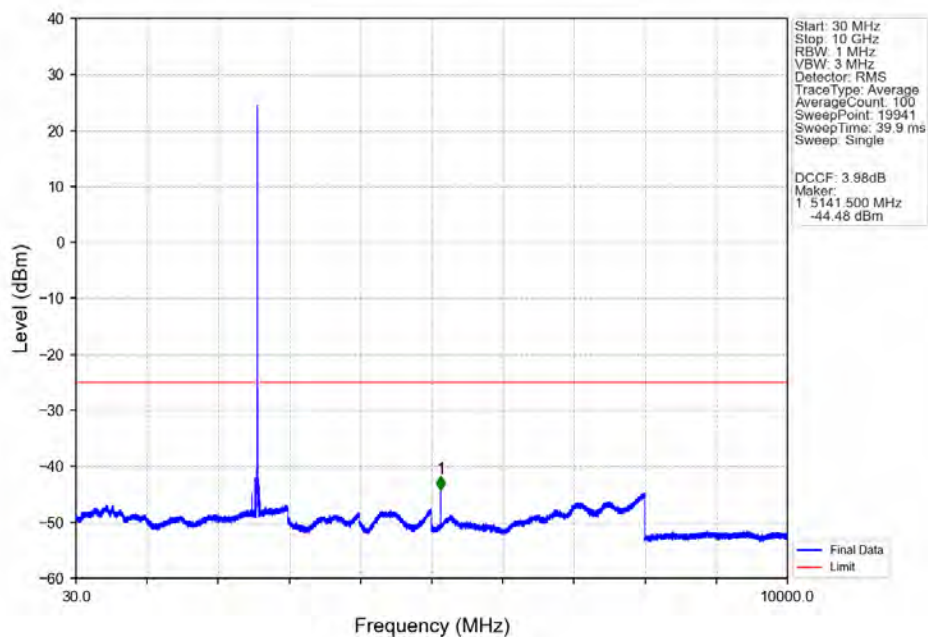
5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

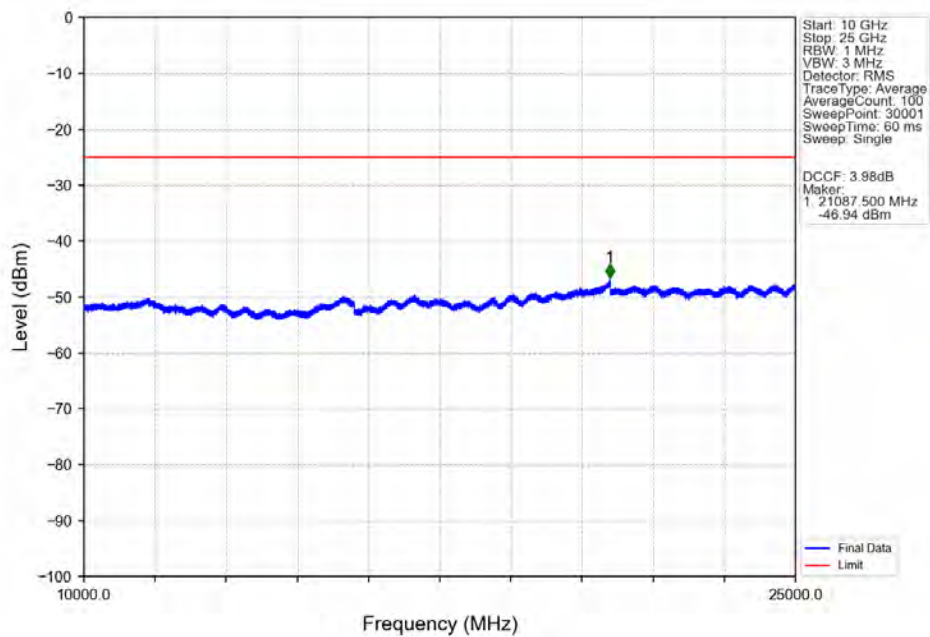


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-49.90	-25	Pass
2490.5	2496	1	CHP	2	2491.305	-49.89	-13	Pass
2496	2554.938	1	CHP	3	2554.935	-45.15	-25	Pass
2554.938	2565	1	CHP	4	2564.255	-37.77	-13	Pass
2565	2569	1	CHP	5	2568.500	-30.42	-10	Pass
2569	2570	0.02	CHP	6	2569.890	-35.43	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

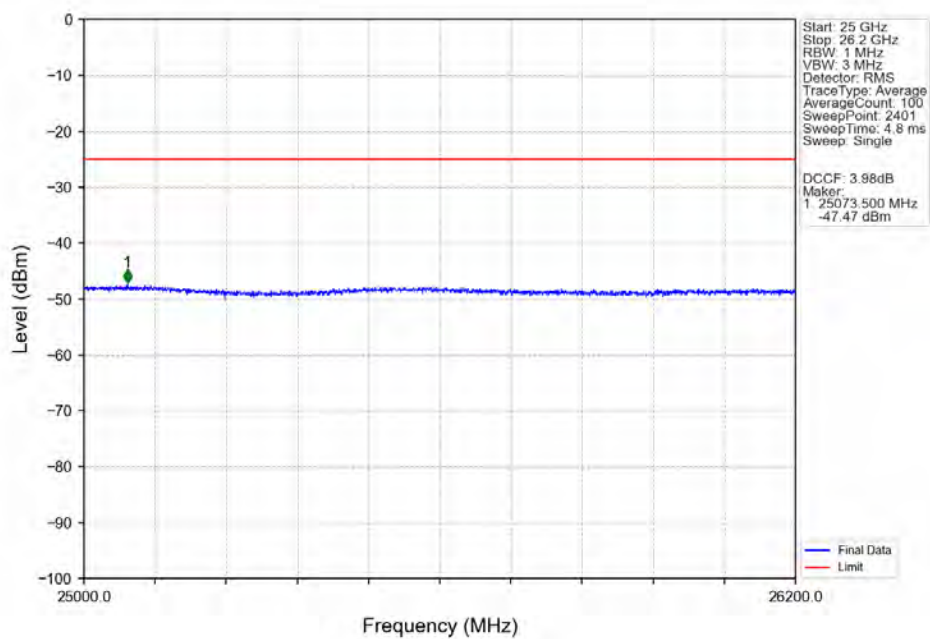
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



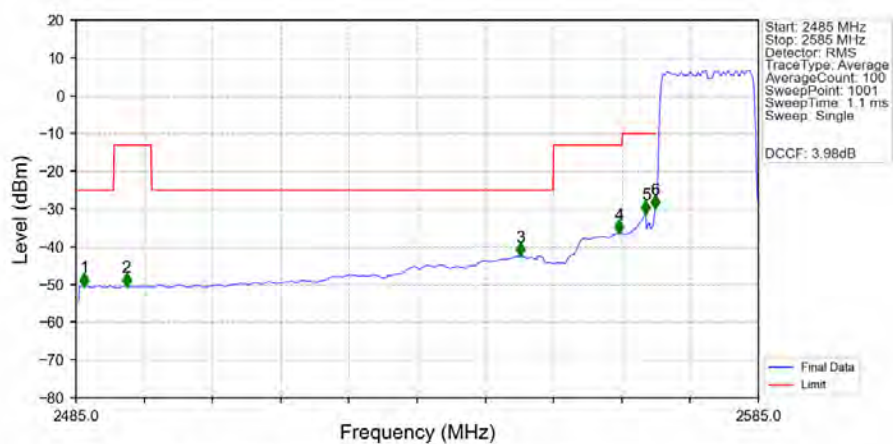
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

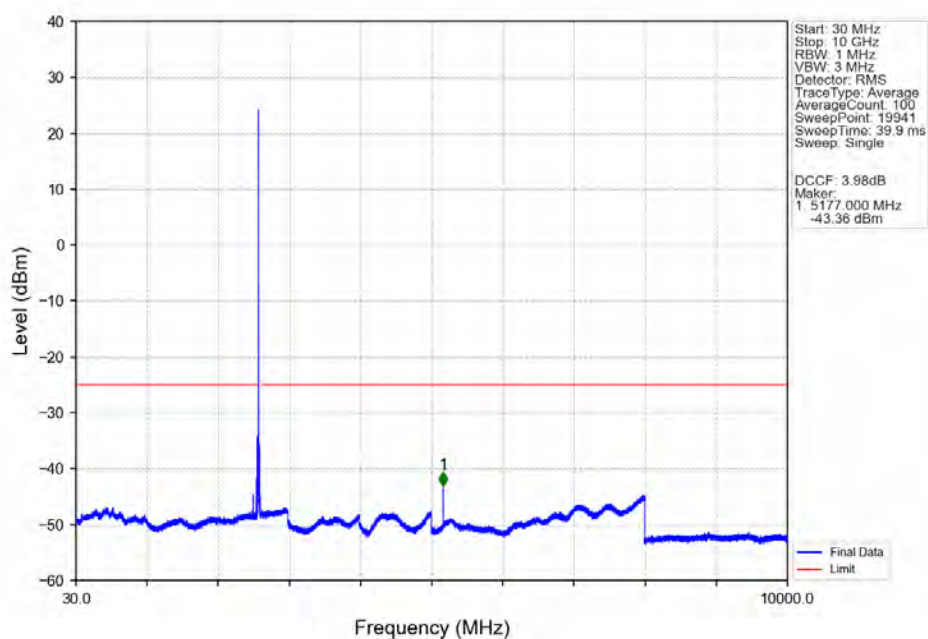


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

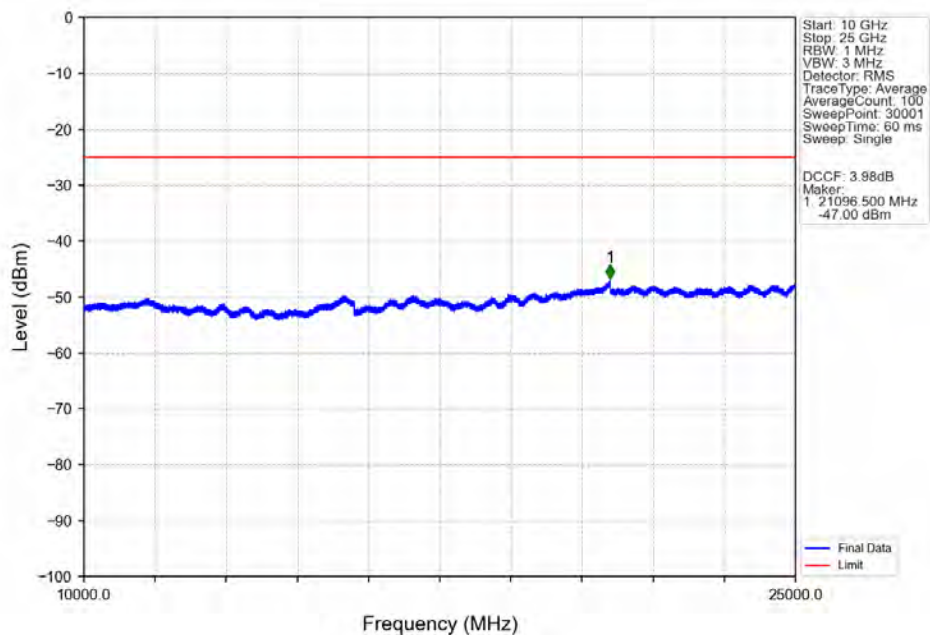


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.200	-50.30	-25	Pass
2490.5	2496	1	CHP	2	2492.400	-50.31	-13	Pass
2496	2554.938	1	CHP	3	2550.100	-42.26	-25	Pass
2554.938	2565	1	CHP	4	2564.600	-36.34	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.07	-10	Pass
2569	2570	0.301	CHP	6	2569.900	-29.76	-10	Pass
2570	2585	0.301	CHP	/	/	/	/	/

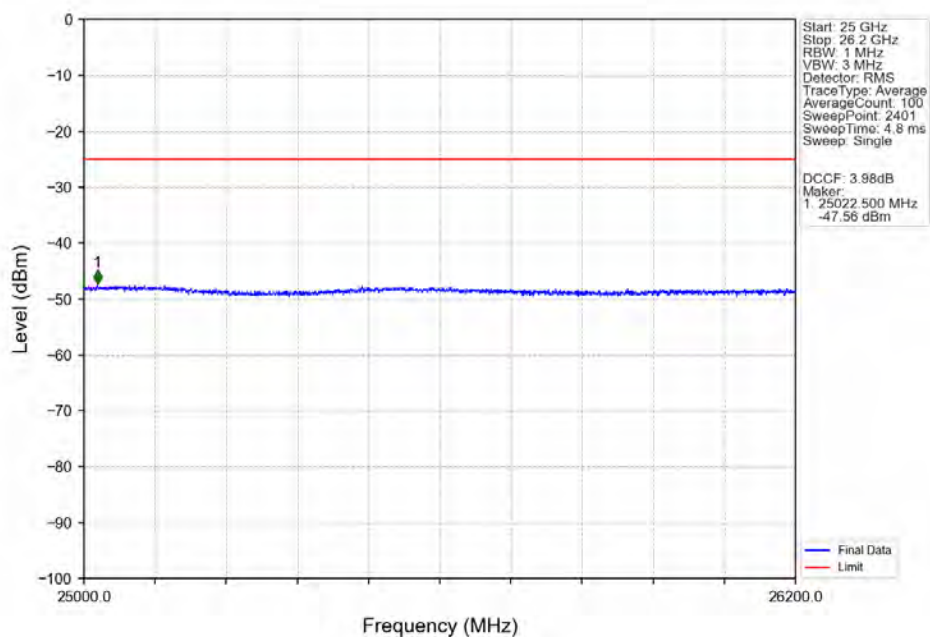
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



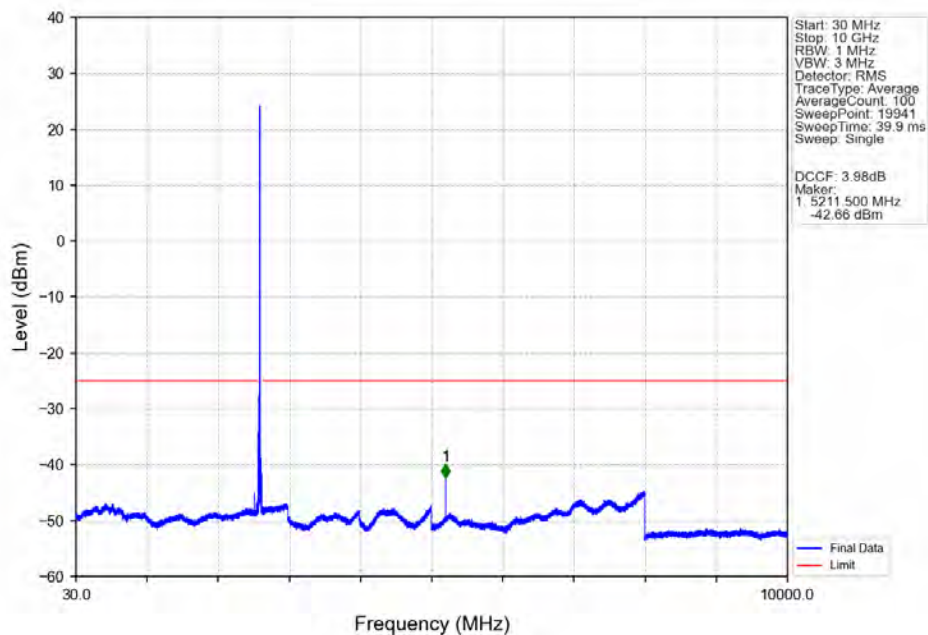
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



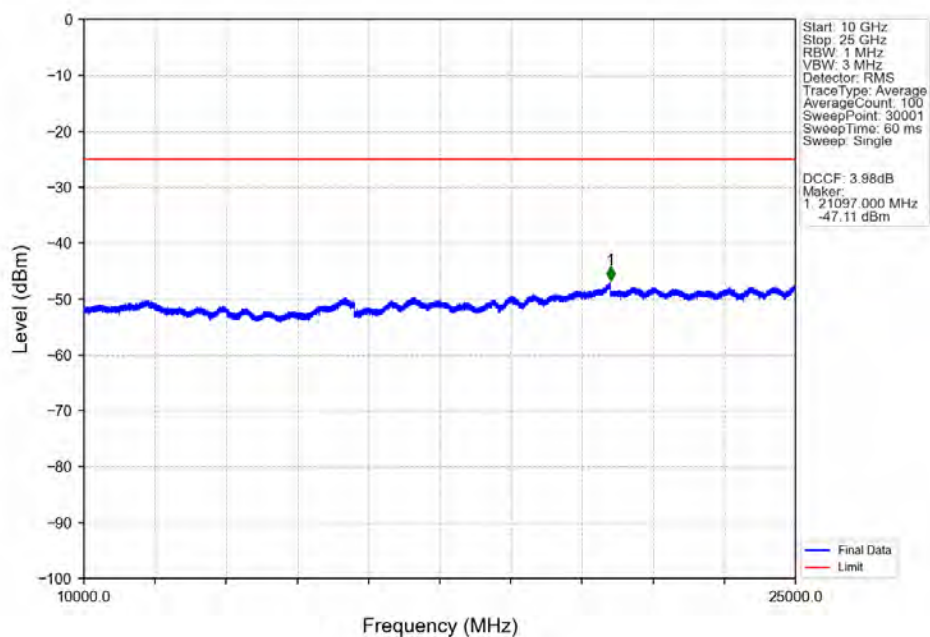
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



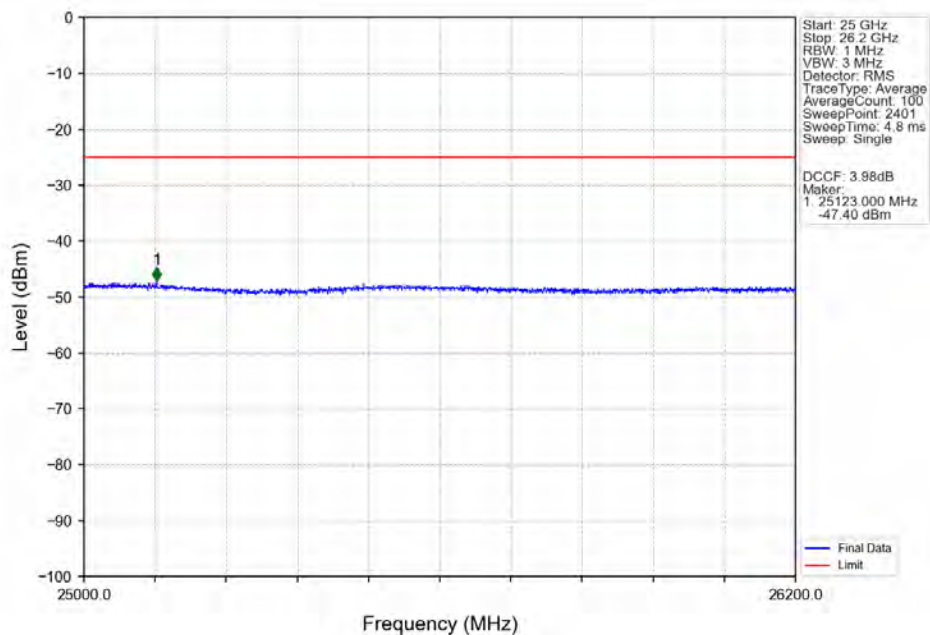
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



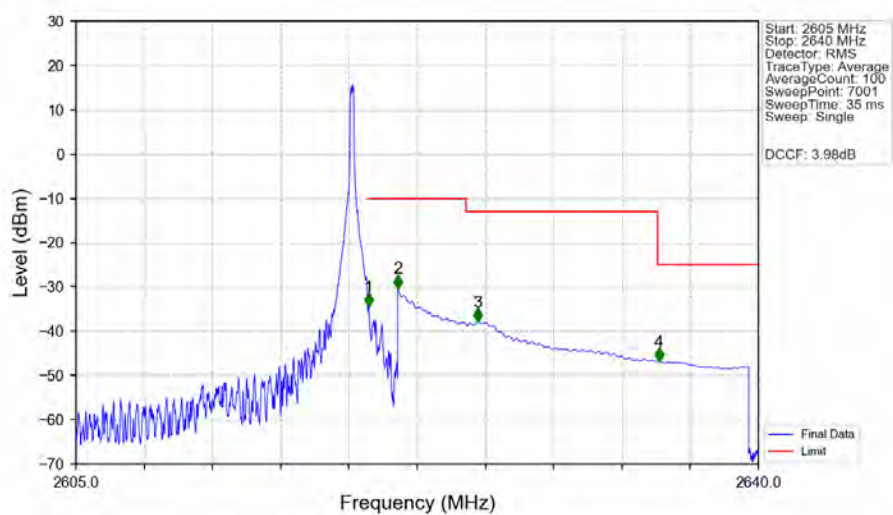
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

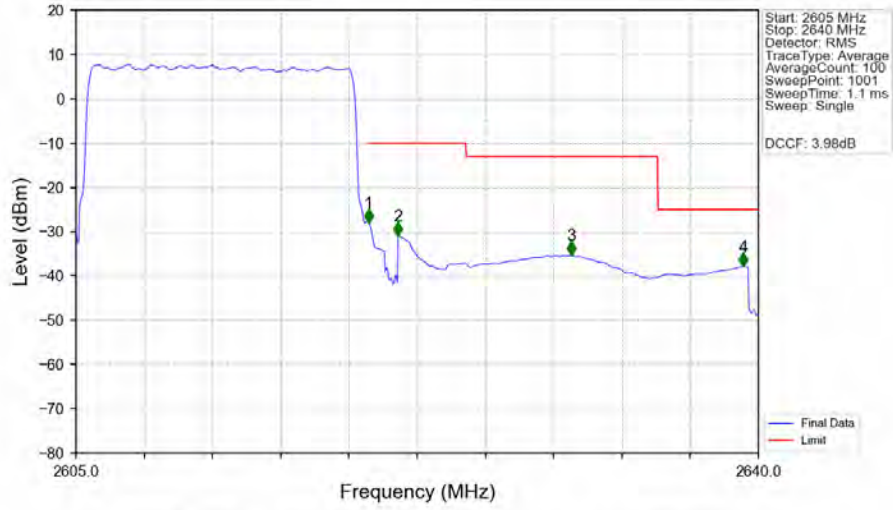


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-34.48	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.33	-10	Pass
2625	2634.825	1	CHP	3	2625.605	-37.89	-13	Pass
2634.825	2640	1	CHP	4	2634.900	-46.73	-25	Pass

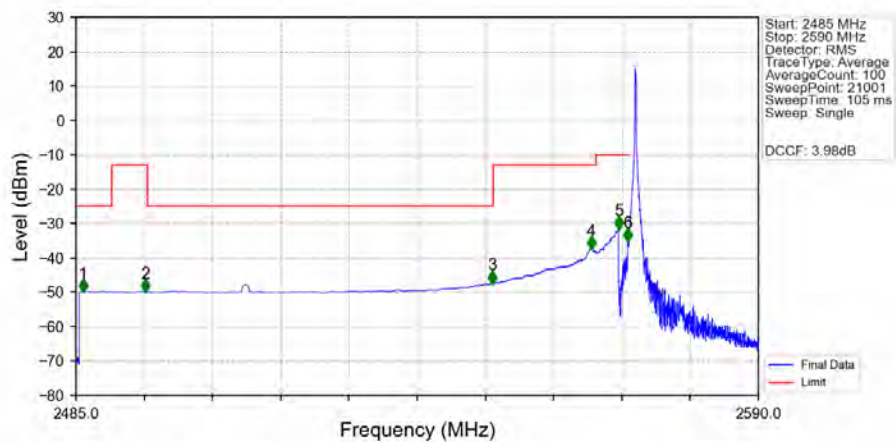
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.297	CHP	/	/	/	/	/
2620	2621	0.297	CHP	1	2620.015	-28.00	-10	Pass
2621	2625	1	CHP	2	2621.520	-30.90	-10	Pass
2625	2634.825	1	CHP	3	2630.410	-35.40	-13	Pass
2634.825	2640	1	CHP	4	2639.230	-37.94	-25	Pass

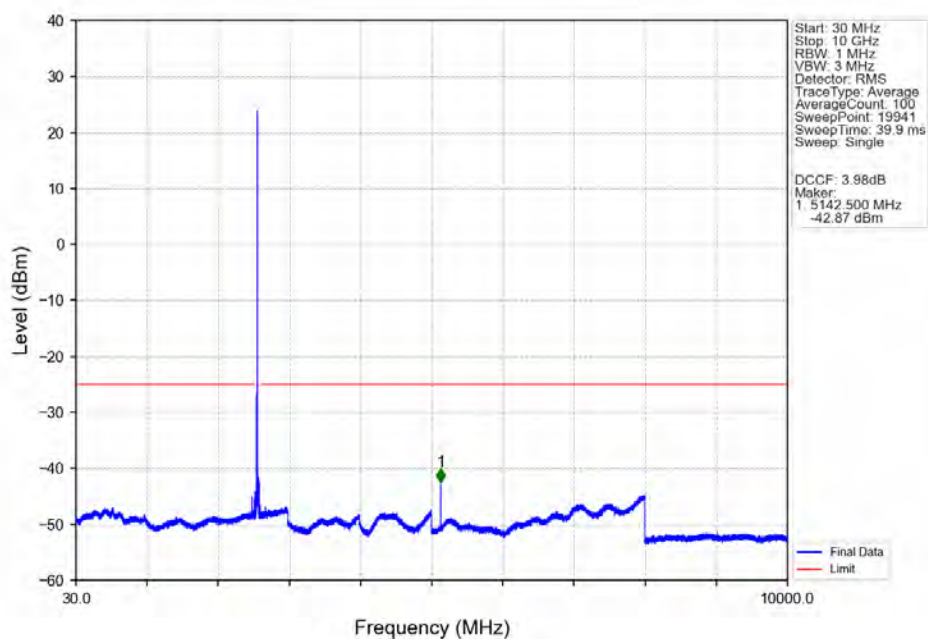
5.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

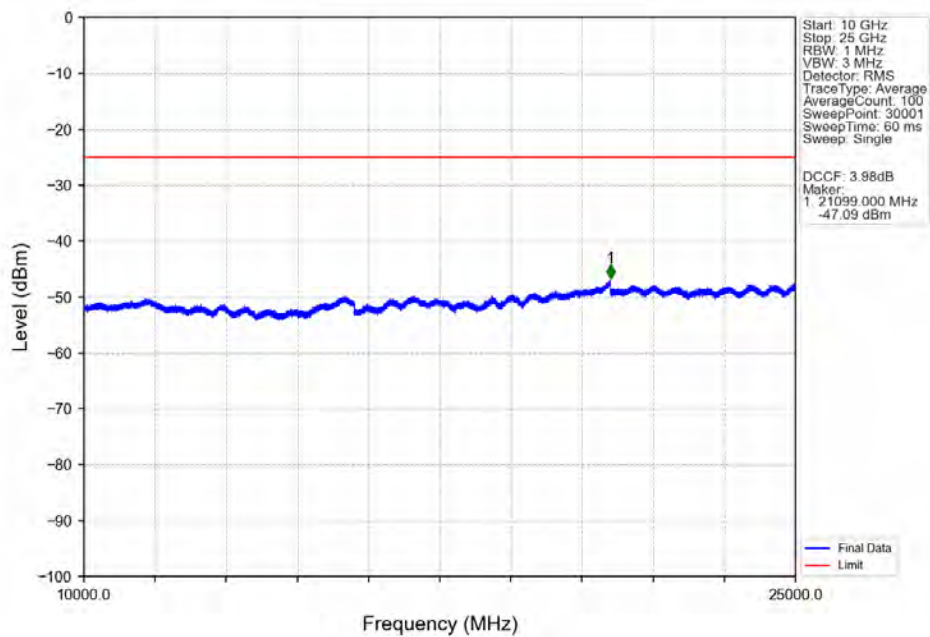


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.060	-49.89	-25	Pass
2490.5	2496	1	CHP	2	2495.685	-49.88	-13	Pass
2496	2549.188	1	CHP	3	2548.990	-47.37	-25	Pass
2549.188	2565	1	CHP	4	2564.265	-37.39	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.48	-10	Pass
2569	2570	0.02	CHP	6	2569.915	-35.08	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

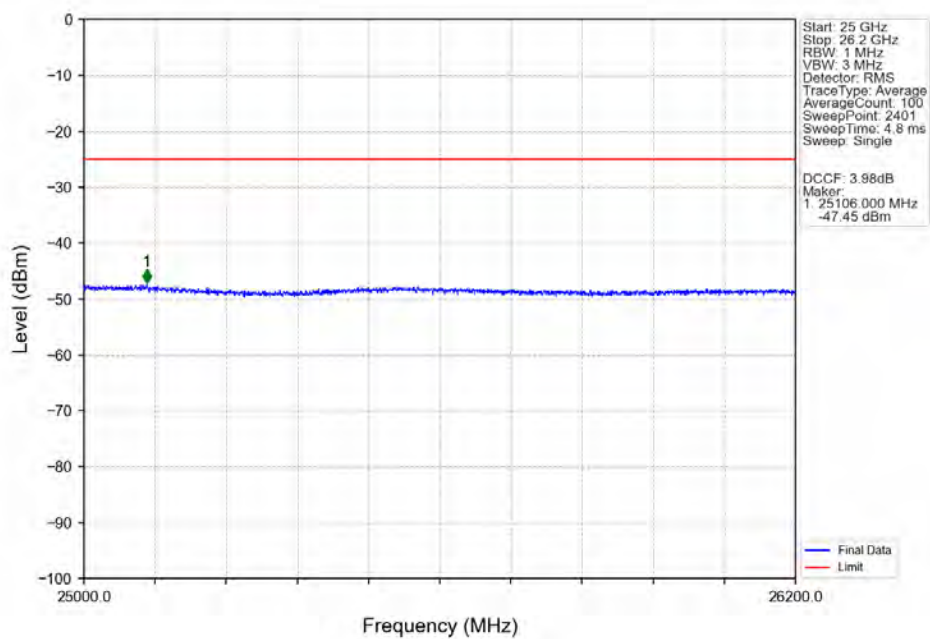
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



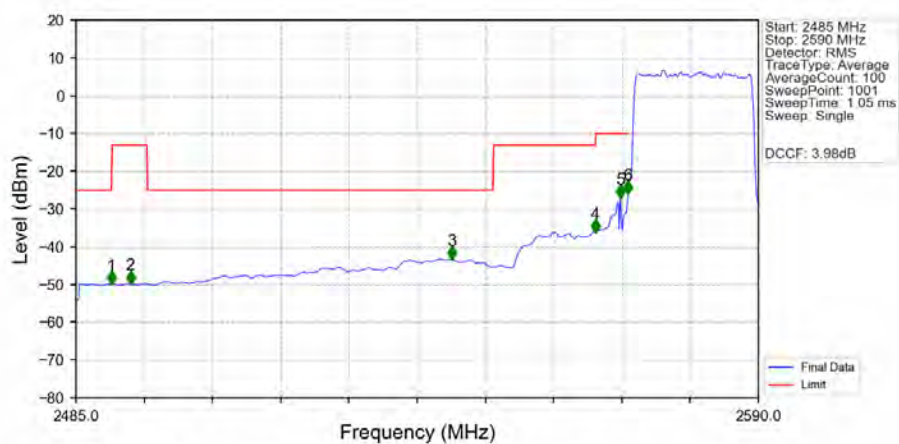
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

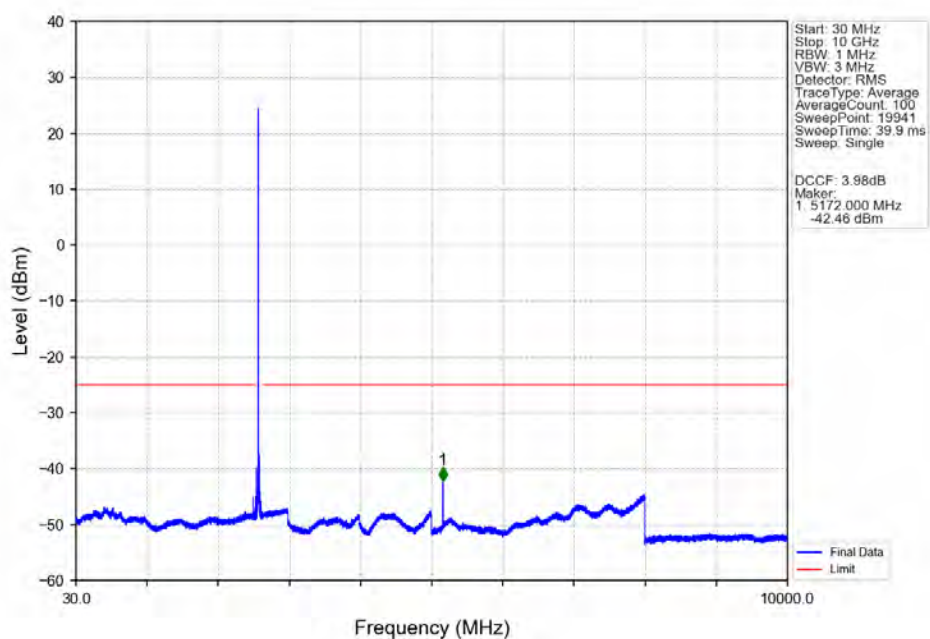


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

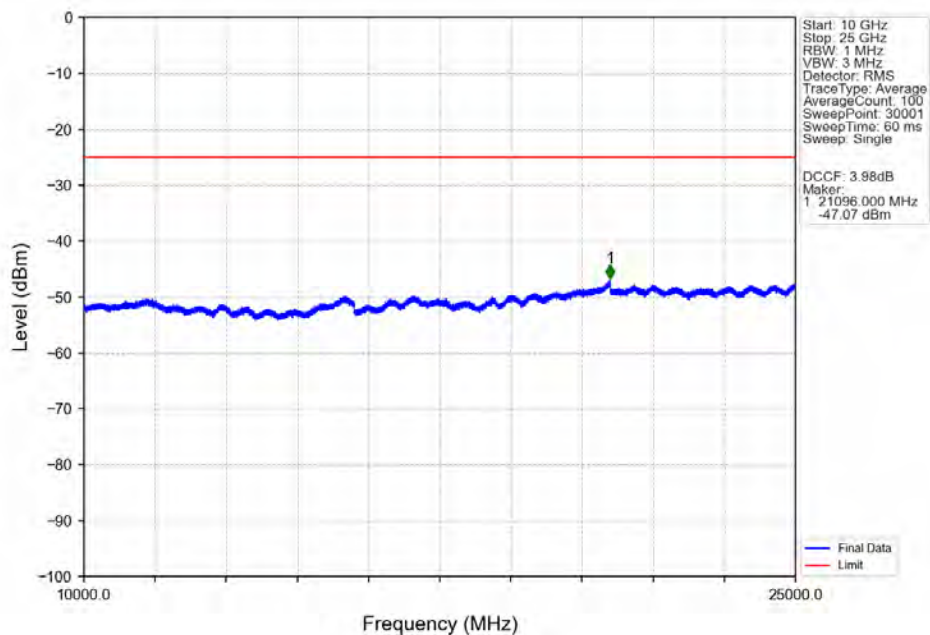


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-49.80	-25	Pass
2490.5	2496	1	CHP	2	2493.400	-49.69	-13	Pass
2496	2549.188	1	CHP	3	2542.855	-43.20	-25	Pass
2549.188	2565	1	CHP	4	2564.905	-36.03	-13	Pass
2565	2569	1	CHP	5	2568.790	-26.91	-10	Pass
2569	2570	0.416	CHP	6	2569.945	-25.82	-10	Pass
2570	2590	0.416	CHP	/	/	/	/	/

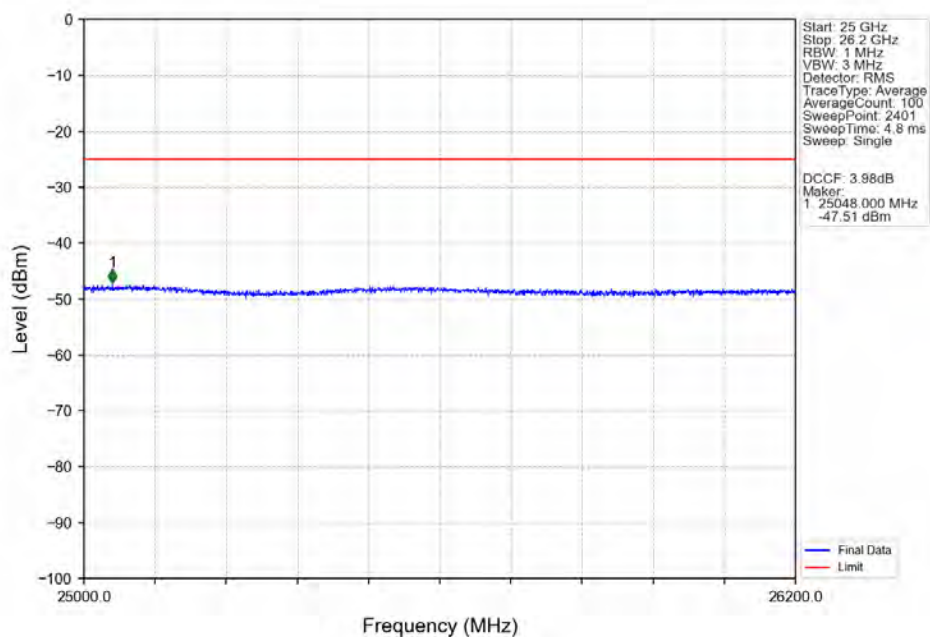
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



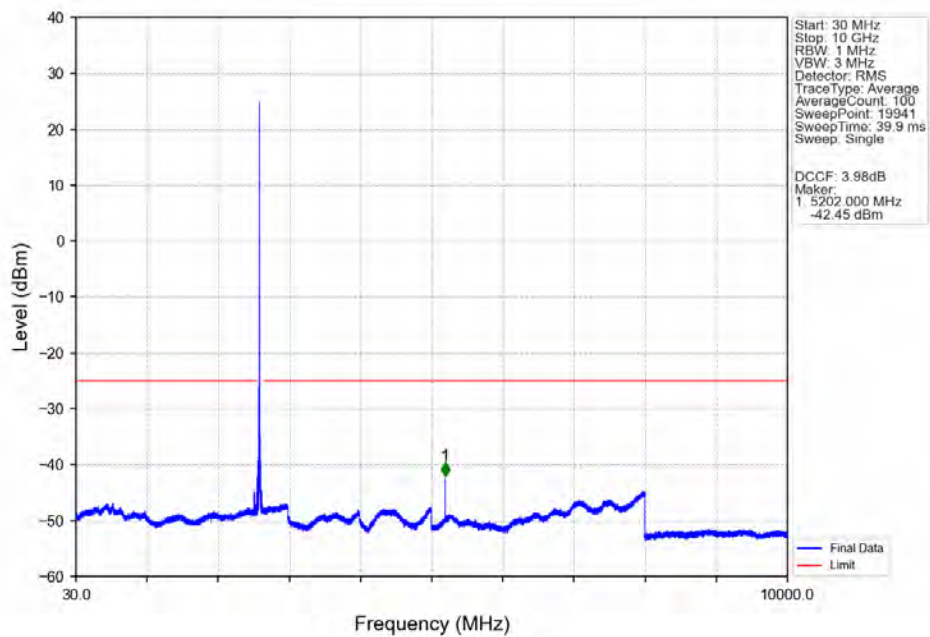
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



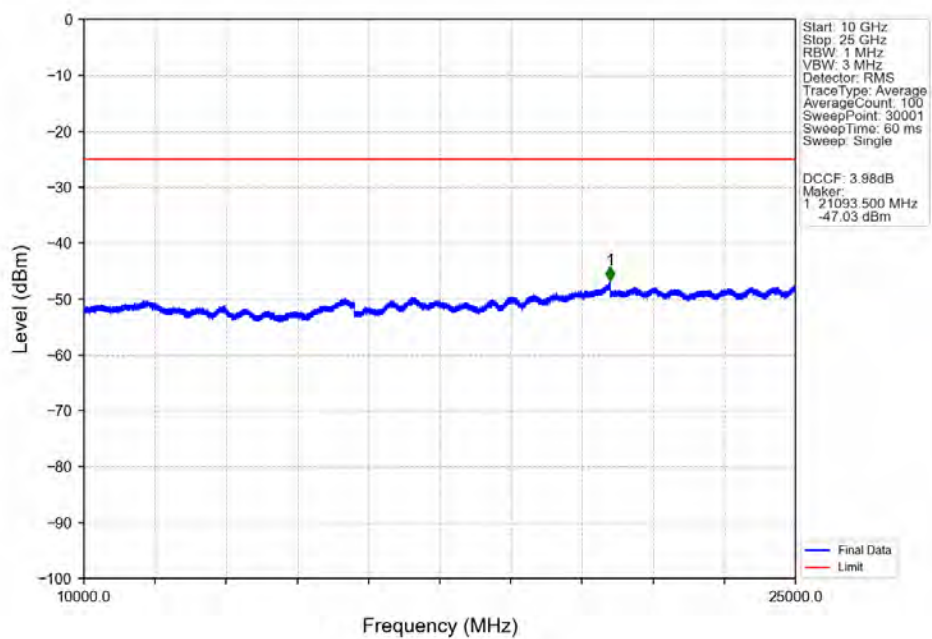
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



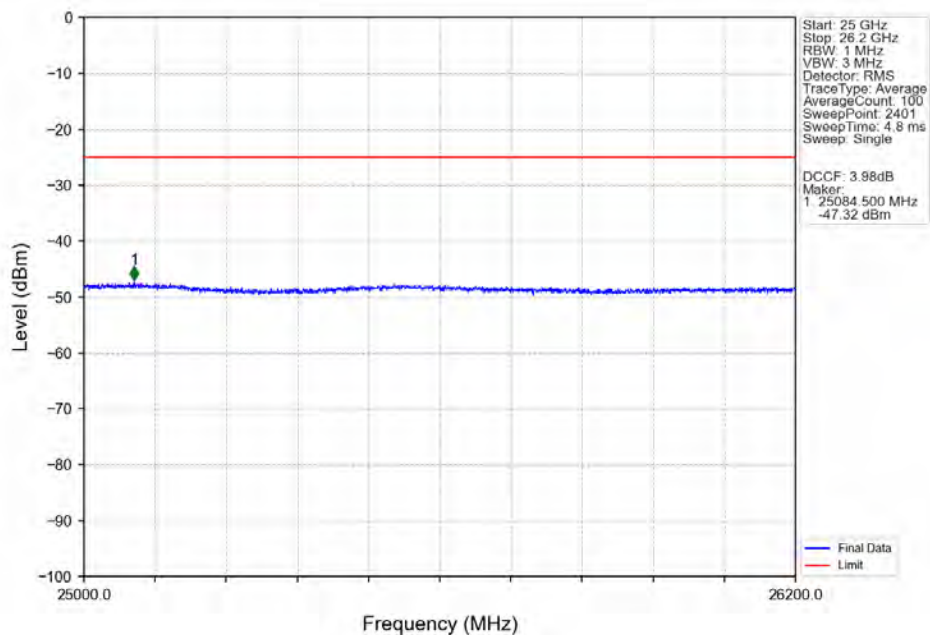
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



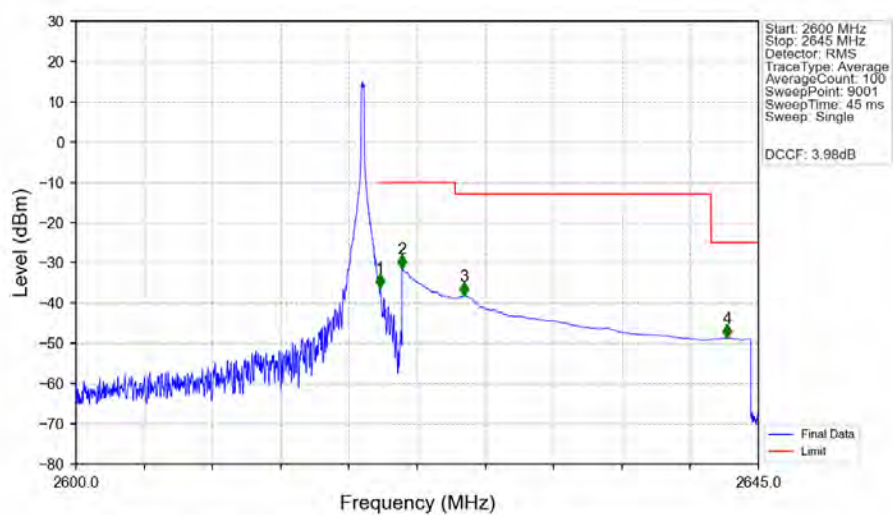
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

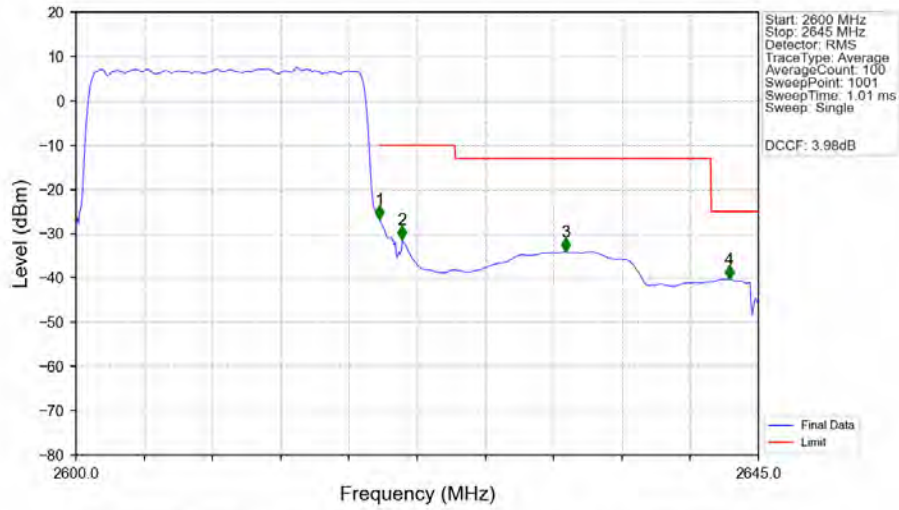


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.055	-36.34	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.44	-10	Pass
2625	2641.876	1	CHP	3	2625.610	-38.25	-13	Pass
2641.876	2645	1	CHP	4	2642.945	-48.77	-25	Pass

Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.438	CHP	/	/	/	/	/
2620	2621	0.438	CHP	1	2620.025	-26.68	-10	Pass
2621	2625	1	CHP	2	2621.510	-31.39	-10	Pass
2625	2641.876	1	CHP	3	2632.265	-34.04	-13	Pass
2641.876	2645	1	CHP	4	2643.065	-40.27	-25	Pass