

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	22.78	1.29	24.07	<=33.01	Pass
			13	22.89	1.29	24.18	<=33.01	Pass
			24	22.78	1.29	24.07	<=33.01	Pass
		12	0	21.87	1.29	23.16	<=33.01	Pass
			6	21.90	1.29	23.19	<=33.01	Pass
			13	21.85	1.29	23.14	<=33.01	Pass
		25	0	21.80	1.29	23.09	<=33.01	Pass
	2595	1	0	22.78	1.29	24.07	<=33.01	Pass
			13	22.99	1.29	24.28	<=33.01	Pass
			24	22.91	1.29	24.20	<=33.01	Pass
		12	0	22.00	1.29	23.29	<=33.01	Pass
			6	22.03	1.29	23.32	<=33.01	Pass
			13	21.94	1.29	23.23	<=33.01	Pass
		25	0	22.03	1.29	23.32	<=33.01	Pass
	2617.5	1	0	22.94	1.29	24.23	<=33.01	Pass
			13	22.96	1.29	24.25	<=33.01	Pass
			24	22.93	1.29	24.22	<=33.01	Pass
		12	0	22.16	1.29	23.45	<=33.01	Pass
			6	21.99	1.29	23.28	<=33.01	Pass
			13	22.02	1.29	23.31	<=33.01	Pass
		25	0	22.02	1.29	23.31	<=33.01	Pass
16QAM	2572.5	1	0	23.20	1.29	24.49	<=33.01	Pass
			13	22.88	1.29	24.17	<=33.01	Pass
			24	23.13	1.29	24.42	<=33.01	Pass
		12	0	20.78	1.29	22.07	<=33.01	Pass
			6	20.70	1.29	21.99	<=33.01	Pass
			13	20.70	1.29	21.99	<=33.01	Pass
		25	0	20.80	1.29	22.09	<=33.01	Pass
	2595	1	0	22.22	1.29	23.51	<=33.01	Pass
			13	22.32	1.29	23.61	<=33.01	Pass
			24	22.30	1.29	23.59	<=33.01	Pass
		12	0	20.65	1.29	21.94	<=33.01	Pass
			6	20.98	1.29	22.27	<=33.01	Pass
			13	20.67	1.29	21.96	<=33.01	Pass
		25	0	21.00	1.29	22.29	<=33.01	Pass
	2617.5	1	0	22.42	1.29	23.71	<=33.01	Pass
			13	22.51	1.29	23.80	<=33.01	Pass
			24	22.56	1.29	23.85	<=33.01	Pass
		12	0	20.88	1.29	22.17	<=33.01	Pass
			6	20.96	1.29	22.25	<=33.01	Pass
			13	20.79	1.29	22.08	<=33.01	Pass
		25	0	21.08	1.29	22.37	<=33.01	Pass
64QAM	2572.5	1	0	21.77	1.29	23.06	<=33.01	Pass
			13	21.85	1.29	23.14	<=33.01	Pass
			24	21.46	1.29	22.75	<=33.01	Pass
		12	0	20.09	1.29	21.38	<=33.01	Pass
			6	20.33	1.29	21.62	<=33.01	Pass
			13	20.43	1.29	21.72	<=33.01	Pass
		25	0	20.52	1.29	21.81	<=33.01	Pass

	2595	1	0	20.07	1.29	21.36	<=33.01	Pass
			13	20.91	1.29	22.20	<=33.01	Pass
			24	20.17	1.29	21.46	<=33.01	Pass
		12	0	20.06	1.29	21.35	<=33.01	Pass
			6	20.37	1.29	21.66	<=33.01	Pass
			13	20.20	1.29	21.49	<=33.01	Pass
		25	0	20.49	1.29	21.78	<=33.01	Pass
	2617.5	1	0	21.40	1.29	22.69	<=33.01	Pass
			13	21.85	1.29	23.14	<=33.01	Pass
			24	21.65	1.29	22.94	<=33.01	Pass
		12	0	20.53	1.29	21.82	<=33.01	Pass
			6	20.45	1.29	21.74	<=33.01	Pass
			13	20.47	1.29	21.76	<=33.01	Pass
		25	0	20.69	1.29	21.98	<=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	23.10	1.29	24.39	<=33.01	Pass
			25	22.89	1.29	24.18	<=33.01	Pass
			49	22.81	1.29	24.10	<=33.01	Pass
		25	0	21.92	1.29	23.21	<=33.01	Pass
			13	21.85	1.29	23.14	<=33.01	Pass
			25	21.77	1.29	23.06	<=33.01	Pass
		50	0	21.82	1.29	23.11	<=33.01	Pass
	2595	1	0	22.90	1.29	24.19	<=33.01	Pass
			25	22.94	1.29	24.23	<=33.01	Pass
			49	22.97	1.29	24.26	<=33.01	Pass
		25	0	21.93	1.29	23.22	<=33.01	Pass
			13	21.98	1.29	23.27	<=33.01	Pass
			25	21.91	1.29	23.20	<=33.01	Pass
		50	0	22.04	1.29	23.33	<=33.01	Pass
	2615	1	0	22.91	1.29	24.20	<=33.01	Pass
			25	22.95	1.29	24.24	<=33.01	Pass
			49	22.95	1.29	24.24	<=33.01	Pass
		25	0	22.04	1.29	23.33	<=33.01	Pass
			13	21.96	1.29	23.25	<=33.01	Pass
			25	22.09	1.29	23.38	<=33.01	Pass
		50	0	21.93	1.29	23.22	<=33.01	Pass
16QAM	2575	1	0	22.26	1.29	23.55	<=33.01	Pass
			25	22.42	1.29	23.71	<=33.01	Pass
			49	22.30	1.29	23.59	<=33.01	Pass
		25	0	20.79	1.29	22.08	<=33.01	Pass
			13	20.82	1.29	22.11	<=33.01	Pass
			25	20.75	1.29	22.04	<=33.01	Pass
		50	0	20.84	1.29	22.13	<=33.01	Pass
	2595	1	0	23.12	1.29	24.41	<=33.01	Pass
			25	23.15	1.29	24.44	<=33.01	Pass
			49	23.09	1.29	24.38	<=33.01	Pass
		25	0	20.72	1.29	22.01	<=33.01	Pass
			13	21.09	1.29	22.38	<=33.01	Pass
			25	20.98	1.29	22.27	<=33.01	Pass
		50	0	21.28	1.29	22.57	<=33.01	Pass
	2615	1	0	22.79	1.29	24.08	<=33.01	Pass

		25	25	22.39	1.29	23.68	<=33.01	Pass		
			49	22.48	1.29	23.77	<=33.01	Pass		
			0	21.24	1.29	22.53	<=33.01	Pass		
		50	13	21.10	1.29	22.39	<=33.01	Pass		
			25	21.28	1.29	22.57	<=33.01	Pass		
			0	20.88	1.29	22.17	<=33.01	Pass		
64QAM	2575	1	0	21.12	1.29	22.41	<=33.01	Pass		
			25	20.82	1.29	22.11	<=33.01	Pass		
			49	20.85	1.29	22.14	<=33.01	Pass		
		25	0	20.37	1.29	21.66	<=33.01	Pass		
			13	20.39	1.29	21.68	<=33.01	Pass		
			25	20.04	1.29	21.33	<=33.01	Pass		
		50	0	20.49	1.29	21.78	<=33.01	Pass		
		2595	1	0	21.80	1.29	23.09	<=33.01	Pass	
				25	21.48	1.29	22.77	<=33.01	Pass	
	49			21.82	1.29	23.11	<=33.01	Pass		
	25		0	20.09	1.29	21.38	<=33.01	Pass		
			13	20.33	1.29	21.62	<=33.01	Pass		
			25	20.23	1.29	21.52	<=33.01	Pass		
	50		0	20.50	1.29	21.79	<=33.01	Pass		
	2615		1	0	21.92	1.29	23.21	<=33.01	Pass	
				25	21.59	1.29	22.88	<=33.01	Pass	
		49		21.63	1.29	22.92	<=33.01	Pass		
		25	0	20.53	1.29	21.82	<=33.01	Pass		
			13	20.38	1.29	21.67	<=33.01	Pass		
			25	20.74	1.29	22.03	<=33.01	Pass		
		50	0	20.45	1.29	21.74	<=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	22.93	1.29	24.22	<=33.01	Pass
			38	22.96	1.29	24.25	<=33.01	Pass
			74	22.79	1.29	24.08	<=33.01	Pass
		36	0	21.84	1.29	23.13	<=33.01	Pass
			18	21.87	1.29	23.16	<=33.01	Pass
			39	21.80	1.29	23.09	<=33.01	Pass
		75	0	21.82	1.29	23.11	<=33.01	Pass
	2595	1	0	22.86	1.29	24.15	<=33.01	Pass
			38	22.92	1.29	24.21	<=33.01	Pass
			74	22.77	1.29	24.06	<=33.01	Pass
		36	0	21.80	1.29	23.09	<=33.01	Pass
			18	22.03	1.29	23.32	<=33.01	Pass
			39	21.87	1.29	23.16	<=33.01	Pass
		75	0	21.95	1.29	23.24	<=33.01	Pass
	2612.5	1	0	22.87	1.29	24.16	<=33.01	Pass
			38	22.92	1.29	24.21	<=33.01	Pass
			74	22.96	1.29	24.25	<=33.01	Pass
		36	0	22.02	1.29	23.31	<=33.01	Pass
			18	21.97	1.29	23.26	<=33.01	Pass
			39	21.98	1.29	23.27	<=33.01	Pass
		75	0	21.89	1.29	23.18	<=33.01	Pass
16QAM	2577.5	1	0	22.47	1.29	23.76	<=33.01	Pass
			38	22.44	1.29	23.73	<=33.01	Pass

		36	74	22.38	1.29	23.67	<=33.01	Pass	
			0	20.83	1.29	22.12	<=33.01	Pass	
			18	20.74	1.29	22.03	<=33.01	Pass	
			39	20.87	1.29	22.16	<=33.01	Pass	
		75	0	20.87	1.29	22.16	<=33.01	Pass	
	2595	1	0	23.06	1.29	24.35	<=33.01	Pass	
			38	23.08	1.29	24.37	<=33.01	Pass	
			74	23.01	1.29	24.30	<=33.01	Pass	
		36	0	20.80	1.29	22.09	<=33.01	Pass	
			18	21.07	1.29	22.36	<=33.01	Pass	
			39	20.97	1.29	22.26	<=33.01	Pass	
		75	0	21.12	1.29	22.41	<=33.01	Pass	
	2612.5	1	0	22.35	1.29	23.64	<=33.01	Pass	
			38	22.56	1.29	23.85	<=33.01	Pass	
			74	22.25	1.29	23.54	<=33.01	Pass	
		36	0	21.01	1.29	22.30	<=33.01	Pass	
			18	20.92	1.29	22.21	<=33.01	Pass	
			39	21.01	1.29	22.30	<=33.01	Pass	
		75	0	20.93	1.29	22.22	<=33.01	Pass	
	64QAM	2577.5	1	0	20.93	1.29	22.22	<=33.01	Pass
				38	21.10	1.29	22.39	<=33.01	Pass
				74	21.45	1.29	22.74	<=33.01	Pass
			36	0	20.54	1.29	21.83	<=33.01	Pass
				18	20.28	1.29	21.57	<=33.01	Pass
39				20.37	1.29	21.66	<=33.01	Pass	
75			0	20.24	1.29	21.53	<=33.01	Pass	
2595		1	0	21.70	1.29	22.99	<=33.01	Pass	
			38	21.98	1.29	23.27	<=33.01	Pass	
			74	21.77	1.29	23.06	<=33.01	Pass	
		36	0	20.15	1.29	21.44	<=33.01	Pass	
			18	20.38	1.29	21.67	<=33.01	Pass	
			39	20.22	1.29	21.51	<=33.01	Pass	
		75	0	20.48	1.29	21.77	<=33.01	Pass	
2612.5		1	0	21.63	1.29	22.92	<=33.01	Pass	
			38	21.85	1.29	23.14	<=33.01	Pass	
			74	21.70	1.29	22.99	<=33.01	Pass	
		36	0	20.37	1.29	21.66	<=33.01	Pass	
			18	20.39	1.29	21.68	<=33.01	Pass	
			39	20.52	1.29	21.81	<=33.01	Pass	
		75	0	20.32	1.29	21.61	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.93	1.29	24.22	<=33.01	Pass
			50	22.96	1.29	24.25	<=33.01	Pass
			99	22.76	1.29	24.05	<=33.01	Pass
		50	0	21.89	1.29	23.18	<=33.01	Pass
			25	21.87	1.29	23.16	<=33.01	Pass
			50	21.72	1.29	23.01	<=33.01	Pass
		100	0	21.92	1.29	23.21	<=33.01	Pass
	2595	1	0	22.91	1.29	24.20	<=33.01	Pass
			50	22.88	1.29	24.17	<=33.01	Pass
			99	22.85	1.29	24.14	<=33.01	Pass

		50	0	21.92	1.29	23.21	<=33.01	Pass		
			25	22.03	1.29	23.32	<=33.01	Pass		
			50	21.90	1.29	23.19	<=33.01	Pass		
		2610	100	0	22.03	1.29	23.32	<=33.01	Pass	
				1	0	23.07	1.29	24.36	<=33.01	Pass
					50	23.10	1.29	24.39	<=33.01	Pass
			99		23.12	1.29	24.41	<=33.01	Pass	
			50	0	21.99	1.29	23.28	<=33.01	Pass	
				25	21.91	1.29	23.20	<=33.01	Pass	
	50			21.89	1.29	23.18	<=33.01	Pass		
	100		0	21.98	1.29	23.27	<=33.01	Pass		
	16QAM		2580	1	0	22.76	1.29	24.05	<=33.01	Pass
50		22.67			1.29	23.96	<=33.01	Pass		
99		22.64			1.29	23.93	<=33.01	Pass		
50		0		21.06	1.29	22.35	<=33.01	Pass		
		25		21.07	1.29	22.36	<=33.01	Pass		
		50		21.00	1.29	22.29	<=33.01	Pass		
		100		0	21.11	1.29	22.40	<=33.01	Pass	
		2595		1	0	22.12	1.29	23.41	<=33.01	Pass
					50	22.38	1.29	23.67	<=33.01	Pass
99			22.13		1.29	23.42	<=33.01	Pass		
50			0	20.82	1.29	22.11	<=33.01	Pass		
			25	21.18	1.29	22.47	<=33.01	Pass		
			50	20.92	1.29	22.21	<=33.01	Pass		
100		0	21.08	1.29	22.37	<=33.01	Pass			
2610		1	0	23.27	1.29	24.56	<=33.01	Pass		
			50	23.16	1.29	24.45	<=33.01	Pass		
			99	23.24	1.29	24.53	<=33.01	Pass		
		50	0	21.04	1.29	22.33	<=33.01	Pass		
			25	21.00	1.29	22.29	<=33.01	Pass		
			50	20.99	1.29	22.28	<=33.01	Pass		
			100	0	20.95	1.29	22.24	<=33.01	Pass	
			64QAM	2580	1	0	21.84	1.29	23.13	<=33.01
50		21.96				1.29	23.25	<=33.01	Pass	
99	22.04	1.29				23.33	<=33.01	Pass		
50	0	20.46			1.29	21.75	<=33.01	Pass		
	25	20.61			1.29	21.90	<=33.01	Pass		
	50	20.55			1.29	21.84	<=33.01	Pass		
	100	0			20.48	1.29	21.77	<=33.01	Pass	
	2595	1			0	21.92	1.29	23.21	<=33.01	Pass
					50	21.89	1.29	23.18	<=33.01	Pass
99				21.59	1.29	22.88	<=33.01	Pass		
50		0		20.36	1.29	21.65	<=33.01	Pass		
		25		20.53	1.29	21.82	<=33.01	Pass		
		50		20.34	1.29	21.63	<=33.01	Pass		
100	0	20.44		1.29	21.73	<=33.01	Pass			
2610	1	0		22.04	1.29	23.33	<=33.01	Pass		
		50		22.12	1.29	23.41	<=33.01	Pass		
		99		22.06	1.29	23.35	<=33.01	Pass		
	50	0		20.48	1.29	21.77	<=33.01	Pass		
		25		20.59	1.29	21.88	<=33.01	Pass		
		50		20.32	1.29	21.61	<=33.01	Pass		
		100		0	20.50	1.29	21.79	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.6	21.686	0.0084	-2.5 to 2.5	Pass
					3.87	16.078	0.0062	-2.5 to 2.5	Pass
					4.45	-41.161	-0.0160	-2.5 to 2.5	Pass
				-30	3.87	-12.890	-0.0050	-2.5 to 2.5	Pass
				-20	3.87	3.951	0.0015	-2.5 to 2.5	Pass
				-10	3.87	-28.051	-0.0109	-2.5 to 2.5	Pass
				0	3.87	-41.948	-0.0163	-2.5 to 2.5	Pass
				10	3.87	-3.543	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-17.601	-0.0068	-2.5 to 2.5	Pass
				40	3.87	-22.951	-0.0089	-2.5 to 2.5	Pass
				50	3.87	-17.710	-0.0069	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	40.827	0.0157	-2.5 to 2.5	Pass
					3.87	7.157	0.0028	-2.5 to 2.5	Pass
					4.45	-47.683	-0.0184	-2.5 to 2.5	Pass
				-30	3.87	-3.315	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-43.361	-0.0167	-2.5 to 2.5	Pass
				-10	3.87	-47.673	-0.0184	-2.5 to 2.5	Pass
				0	3.87	-9.087	-0.0035	-2.5 to 2.5	Pass
				10	3.87	-44.166	-0.0170	-2.5 to 2.5	Pass
				30	3.87	-16.094	-0.0062	-2.5 to 2.5	Pass
				40	3.87	-43.070	-0.0166	-2.5 to 2.5	Pass
				50	3.87	-37.969	-0.0146	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	26.715	0.0102	-2.5 to 2.5	Pass
					3.87	26.889	0.0103	-2.5 to 2.5	Pass
					4.45	-12.896	-0.0049	-2.5 to 2.5	Pass
				-30	3.87	-35.476	-0.0136	-2.5 to 2.5	Pass
				-20	3.87	-1.982	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-44.000	-0.0168	-2.5 to 2.5	Pass
				0	3.87	-23.762	-0.0091	-2.5 to 2.5	Pass
				10	3.87	-11.098	-0.0042	-2.5 to 2.5	Pass
				30	3.87	0.238	0.0001	-2.5 to 2.5	Pass
				40	3.87	-24.575	-0.0094	-2.5 to 2.5	Pass
				50	3.87	-8.801	-0.0034	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.6	-1.261	-0.0005	-2.5 to 2.5	Pass
					3.87	30.536	0.0119	-2.5 to 2.5	Pass
					4.45	14.069	0.0055	-2.5 to 2.5	Pass
				-30	3.87	2.020	0.0008	-2.5 to 2.5	Pass
				-20	3.87	42.110	0.0164	-2.5 to 2.5	Pass
				-10	3.87	45.260	0.0176	-2.5 to 2.5	Pass
				0	3.87	29.763	0.0116	-2.5 to 2.5	Pass
				10	3.87	17.677	0.0069	-2.5 to 2.5	Pass
				30	3.87	33.427	0.0130	-2.5 to 2.5	Pass
				40	3.87	45.726	0.0178	-2.5 to 2.5	Pass
				50	3.87	45.856	0.0178	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	-45.593	-0.0176	-2.5 to 2.5	Pass
					3.87	5.859	0.0023	-2.5 to 2.5	Pass
					4.45	16.911	0.0065	-2.5 to 2.5	Pass
				-30	3.87	39.180	0.0151	-2.5 to 2.5	Pass
				-20	3.87	-0.980	-0.0004	-2.5 to 2.5	Pass

				-10	3.87	-4.107	-0.0016	-2.5 to 2.5	Pass
				0	3.87	-5.076	-0.0020	-2.5 to 2.5	Pass
				10	3.87	-8.221	-0.0032	-2.5 to 2.5	Pass
				30	3.87	2.311	0.0009	-2.5 to 2.5	Pass
				40	3.87	19.250	0.0074	-2.5 to 2.5	Pass
				50	3.87	38.610	0.0149	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	-29.680	-0.0113	-2.5 to 2.5	Pass
					3.87	-20.333	-0.0078	-2.5 to 2.5	Pass
					4.45	5.839	0.0022	-2.5 to 2.5	Pass
				-30	3.87	25.485	0.0097	-2.5 to 2.5	Pass
				-20	3.87	29.016	0.0111	-2.5 to 2.5	Pass
				-10	3.87	18.447	0.0070	-2.5 to 2.5	Pass
				0	3.87	12.387	0.0047	-2.5 to 2.5	Pass
				10	3.87	8.158	0.0031	-2.5 to 2.5	Pass
				30	3.87	25.080	0.0096	-2.5 to 2.5	Pass
				40	3.87	42.894	0.0164	-2.5 to 2.5	Pass
64QAM	2572.5	25	0	20	3.6	-6.156	-0.0024	-2.5 to 2.5	Pass
					3.87	35.609	0.0138	-2.5 to 2.5	Pass
					4.45	10.552	0.0041	-2.5 to 2.5	Pass
				-30	3.87	46.174	0.0179	-2.5 to 2.5	Pass
				-20	3.87	43.164	0.0168	-2.5 to 2.5	Pass
				-10	3.87	38.480	0.0150	-2.5 to 2.5	Pass
				0	3.87	2.905	0.0011	-2.5 to 2.5	Pass
				10	3.87	18.133	0.0070	-2.5 to 2.5	Pass
				30	3.87	47.630	0.0185	-2.5 to 2.5	Pass
				40	3.87	29.086	0.0113	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	40.812	0.0157	-2.5 to 2.5	Pass
					3.87	39.437	0.0152	-2.5 to 2.5	Pass
					4.45	11.509	0.0044	-2.5 to 2.5	Pass
				-30	3.87	48.891	0.0188	-2.5 to 2.5	Pass
				-20	3.87	12.531	0.0048	-2.5 to 2.5	Pass
				-10	3.87	31.090	0.0120	-2.5 to 2.5	Pass
				0	3.87	48.351	0.0186	-2.5 to 2.5	Pass
				10	3.87	21.556	0.0083	-2.5 to 2.5	Pass
				30	3.87	22.136	0.0085	-2.5 to 2.5	Pass
				40	3.87	27.682	0.0107	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	41.016	0.0157	-2.5 to 2.5	Pass
					3.87	32.600	0.0125	-2.5 to 2.5	Pass
					4.45	-3.180	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	24.859	0.0095	-2.5 to 2.5	Pass
				-20	3.87	42.395	0.0162	-2.5 to 2.5	Pass
				-10	3.87	26.816	0.0102	-2.5 to 2.5	Pass
				0	3.87	16.028	0.0061	-2.5 to 2.5	Pass
				10	3.87	31.531	0.0120	-2.5 to 2.5	Pass
				30	3.87	43.001	0.0164	-2.5 to 2.5	Pass
				40	3.87	-0.009	0.0000	-2.5 to 2.5	Pass
				50	3.87	7.806	0.0030	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.6	43.963	0.0171	-2.5 to 2.5	Pass

					3.87	19.092	0.0074	-2.5 to 2.5	Pass
					4.45	-43.586	-0.0169	-2.5 to 2.5	Pass
				-30	3.87	-4.850	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	-14.127	-0.0055	-2.5 to 2.5	Pass
				-10	3.87	-26.640	-0.0103	-2.5 to 2.5	Pass
				0	3.87	-28.513	-0.0111	-2.5 to 2.5	Pass
				10	3.87	-10.777	-0.0042	-2.5 to 2.5	Pass
				30	3.87	-33.819	-0.0131	-2.5 to 2.5	Pass
				40	3.87	-41.621	-0.0162	-2.5 to 2.5	Pass
				50	3.87	-27.423	-0.0106	-2.5 to 2.5	Pass
	2595	50	0	20	3.6	24.007	0.0093	-2.5 to 2.5	Pass
					3.87	26.197	0.0101	-2.5 to 2.5	Pass
					4.45	-23.496	-0.0091	-2.5 to 2.5	Pass
				-30	3.87	-45.312	-0.0175	-2.5 to 2.5	Pass
				-20	3.87	-38.487	-0.0148	-2.5 to 2.5	Pass
				-10	3.87	-30.156	-0.0116	-2.5 to 2.5	Pass
				0	3.87	-6.635	-0.0026	-2.5 to 2.5	Pass
				10	3.87	-40.689	-0.0157	-2.5 to 2.5	Pass
				30	3.87	-29.454	-0.0114	-2.5 to 2.5	Pass
				40	3.87	-4.738	-0.0018	-2.5 to 2.5	Pass
				50	3.87	-39.829	-0.0153	-2.5 to 2.5	Pass
	2615	50	0	20	3.6	45.280	0.0173	-2.5 to 2.5	Pass
					3.87	2.765	0.0011	-2.5 to 2.5	Pass
					4.45	1.621	0.0006	-2.5 to 2.5	Pass
				-30	3.87	-46.005	-0.0176	-2.5 to 2.5	Pass
				-20	3.87	-15.357	-0.0059	-2.5 to 2.5	Pass
				-10	3.87	-23.283	-0.0089	-2.5 to 2.5	Pass
				0	3.87	10.754	0.0041	-2.5 to 2.5	Pass
				10	3.87	-13.425	-0.0051	-2.5 to 2.5	Pass
				30	3.87	-42.264	-0.0162	-2.5 to 2.5	Pass
				40	3.87	-7.219	-0.0028	-2.5 to 2.5	Pass
				50	3.87	-49.811	-0.0190	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.6	0.806	0.0003	-2.5 to 2.5	Pass
					3.87	-16.751	-0.0065	-2.5 to 2.5	Pass
					4.45	-15.077	-0.0059	-2.5 to 2.5	Pass
				-30	3.87	-31.336	-0.0122	-2.5 to 2.5	Pass
				-20	3.87	-33.746	-0.0131	-2.5 to 2.5	Pass
				-10	3.87	-25.817	-0.0100	-2.5 to 2.5	Pass
				0	3.87	-37.028	-0.0144	-2.5 to 2.5	Pass
				10	3.87	-38.810	-0.0151	-2.5 to 2.5	Pass
				30	3.87	-24.674	-0.0096	-2.5 to 2.5	Pass
				40	3.87	-12.829	-0.0050	-2.5 to 2.5	Pass
				50	3.87	-3.213	-0.0012	-2.5 to 2.5	Pass
	2595	50	0	20	3.6	8.629	0.0033	-2.5 to 2.5	Pass
					3.87	-0.391	-0.0002	-2.5 to 2.5	Pass
					4.45	11.084	0.0043	-2.5 to 2.5	Pass
				-30	3.87	14.067	0.0054	-2.5 to 2.5	Pass
				-20	3.87	21.963	0.0085	-2.5 to 2.5	Pass
				-10	3.87	19.071	0.0073	-2.5 to 2.5	Pass
				0	3.87	15.845	0.0061	-2.5 to 2.5	Pass
				10	3.87	22.256	0.0086	-2.5 to 2.5	Pass
				30	3.87	41.815	0.0161	-2.5 to 2.5	Pass
				40	3.87	39.338	0.0152	-2.5 to 2.5	Pass
				50	3.87	41.851	0.0161	-2.5 to 2.5	Pass
	2615	50	0	20	3.6	-31.926	-0.0122	-2.5 to 2.5	Pass
					3.87	-29.181	-0.0112	-2.5 to 2.5	Pass
					4.45	-9.885	-0.0038	-2.5 to 2.5	Pass
				-30	3.87	9.180	0.0035	-2.5 to 2.5	Pass
				-20	3.87	42.032	0.0161	-2.5 to 2.5	Pass

				-10	3.87	32.969	0.0126	-2.5 to 2.5	Pass
				0	3.87	-10.030	-0.0038	-2.5 to 2.5	Pass
				10	3.87	30.392	0.0116	-2.5 to 2.5	Pass
				30	3.87	33.846	0.0129	-2.5 to 2.5	Pass
				40	3.87	47.997	0.0184	-2.5 to 2.5	Pass
				50	3.87	41.268	0.0158	-2.5 to 2.5	Pass
64QAM	2575	50	0	20	3.6	10.542	0.0041	-2.5 to 2.5	Pass
					3.87	10.595	0.0041	-2.5 to 2.5	Pass
					4.45	34.275	0.0133	-2.5 to 2.5	Pass
				-30	3.87	48.750	0.0189	-2.5 to 2.5	Pass
				-20	3.87	-6.578	-0.0026	-2.5 to 2.5	Pass
				-10	3.87	10.820	0.0042	-2.5 to 2.5	Pass
				0	3.87	28.558	0.0111	-2.5 to 2.5	Pass
				10	3.87	45.246	0.0176	-2.5 to 2.5	Pass
				30	3.87	18.728	0.0073	-2.5 to 2.5	Pass
				40	3.87	43.271	0.0168	-2.5 to 2.5	Pass
				50	3.87	47.908	0.0186	-2.5 to 2.5	Pass
				2595	50	0	20	3.6	-9.187
	3.87	-9.700	-0.0037					-2.5 to 2.5	Pass
	4.45	2.680	0.0010					-2.5 to 2.5	Pass
	-30	3.87	38.417				0.0148	-2.5 to 2.5	Pass
	-20	3.87	26.929				0.0104	-2.5 to 2.5	Pass
	-10	3.87	34.718				0.0134	-2.5 to 2.5	Pass
	0	3.87	34.955				0.0135	-2.5 to 2.5	Pass
	10	3.87	-2.242				-0.0009	-2.5 to 2.5	Pass
	30	3.87	22.372				0.0086	-2.5 to 2.5	Pass
	40	3.87	33.672				0.0130	-2.5 to 2.5	Pass
	50	3.87	42.434				0.0164	-2.5 to 2.5	Pass
	2615	50	0				20	3.6	12.458
				3.87	27.461	0.0105		-2.5 to 2.5	Pass
				4.45	45.441	0.0174		-2.5 to 2.5	Pass
				-30	3.87	29.869	0.0114	-2.5 to 2.5	Pass
				-20	3.87	50.190	0.0192	-2.5 to 2.5	Pass
				-10	3.87	20.861	0.0080	-2.5 to 2.5	Pass
				0	3.87	28.412	0.0109	-2.5 to 2.5	Pass
				10	3.87	42.700	0.0163	-2.5 to 2.5	Pass
				30	3.87	40.005	0.0153	-2.5 to 2.5	Pass
				40	3.87	49.832	0.0191	-2.5 to 2.5	Pass
				50	3.87	11.765	0.0045	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.6	34.429	0.0134	-2.5 to 2.5	Pass
					3.87	7.563	0.0029	-2.5 to 2.5	Pass
					4.45	-43.738	-0.0170	-2.5 to 2.5	Pass
				-30	3.87	2.072	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-49.752	-0.0193	-2.5 to 2.5	Pass
				-10	3.87	-45.650	-0.0177	-2.5 to 2.5	Pass
				0	3.87	-8.178	-0.0032	-2.5 to 2.5	Pass
				10	3.87	-12.014	-0.0047	-2.5 to 2.5	Pass
				30	3.87	-49.663	-0.0193	-2.5 to 2.5	Pass
				40	3.87	-26.434	-0.0103	-2.5 to 2.5	Pass
				50	3.87	-16.787	-0.0065	-2.5 to 2.5	Pass
	2595	75	0	20	3.6	35.341	0.0136	-2.5 to 2.5	Pass

					3.87	34.904	0.0135	-2.5 to 2.5	Pass
					4.45	-15.631	-0.0060	-2.5 to 2.5	Pass
				-30	3.87	-0.395	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-49.697	-0.0192	-2.5 to 2.5	Pass
				-10	3.87	-13.989	-0.0054	-2.5 to 2.5	Pass
				0	3.87	-24.141	-0.0093	-2.5 to 2.5	Pass
				10	3.87	-37.551	-0.0145	-2.5 to 2.5	Pass
				30	3.87	-33.174	-0.0128	-2.5 to 2.5	Pass
				40	3.87	-20.537	-0.0079	-2.5 to 2.5	Pass
				50	3.87	-44.038	-0.0170	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.6	8.375	0.0032	-2.5 to 2.5	Pass
					3.87	-2.646	-0.0010	-2.5 to 2.5	Pass
					4.45	-18.516	-0.0071	-2.5 to 2.5	Pass
				-30	3.87	-34.229	-0.0131	-2.5 to 2.5	Pass
				-20	3.87	-25.863	-0.0099	-2.5 to 2.5	Pass
				-10	3.87	-50.423	-0.0193	-2.5 to 2.5	Pass
				0	3.87	-42.938	-0.0164	-2.5 to 2.5	Pass
				10	3.87	-6.441	-0.0025	-2.5 to 2.5	Pass
				30	3.87	-39.947	-0.0153	-2.5 to 2.5	Pass
				40	3.87	-32.311	-0.0124	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.6	-26.745	-0.0104	-2.5 to 2.5	Pass
					3.87	-24.333	-0.0094	-2.5 to 2.5	Pass
					4.45	-12.821	-0.0050	-2.5 to 2.5	Pass
				-30	3.87	-13.551	-0.0053	-2.5 to 2.5	Pass
				-20	3.87	-7.219	-0.0028	-2.5 to 2.5	Pass
				-10	3.87	9.643	0.0037	-2.5 to 2.5	Pass
				0	3.87	13.952	0.0054	-2.5 to 2.5	Pass
				10	3.87	17.722	0.0069	-2.5 to 2.5	Pass
				30	3.87	22.218	0.0086	-2.5 to 2.5	Pass
				40	3.87	28.326	0.0110	-2.5 to 2.5	Pass
	2595	75	0	50	3.87	22.894	0.0089	-2.5 to 2.5	Pass
				20	3.6	-23.822	-0.0092	-2.5 to 2.5	Pass
					3.87	-32.309	-0.0125	-2.5 to 2.5	Pass
					4.45	-27.348	-0.0105	-2.5 to 2.5	Pass
				-30	3.87	-5.580	-0.0022	-2.5 to 2.5	Pass
				-20	3.87	11.412	0.0044	-2.5 to 2.5	Pass
				-10	3.87	12.484	0.0048	-2.5 to 2.5	Pass
				0	3.87	29.835	0.0115	-2.5 to 2.5	Pass
				10	3.87	16.306	0.0063	-2.5 to 2.5	Pass
				30	3.87	26.782	0.0103	-2.5 to 2.5	Pass
				40	3.87	22.209	0.0086	-2.5 to 2.5	Pass
	2612.5	75	0	50	3.87	30.382	0.0117	-2.5 to 2.5	Pass
				20	3.6	-36.064	-0.0138	-2.5 to 2.5	Pass
					3.87	-27.259	-0.0104	-2.5 to 2.5	Pass
					4.45	-13.508	-0.0052	-2.5 to 2.5	Pass
				-30	3.87	-2.377	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	18.376	0.0070	-2.5 to 2.5	Pass
				-10	3.87	48.794	0.0187	-2.5 to 2.5	Pass
				0	3.87	10.202	0.0039	-2.5 to 2.5	Pass
				10	3.87	16.256	0.0062	-2.5 to 2.5	Pass
				30	3.87	14.946	0.0057	-2.5 to 2.5	Pass
				40	3.87	22.437	0.0086	-2.5 to 2.5	Pass
64QAM	2577.5	75	0	50	3.87	32.325	0.0124	-2.5 to 2.5	Pass
				20	3.6	28.037	0.0109	-2.5 to 2.5	Pass
					3.87	44.681	0.0173	-2.5 to 2.5	Pass
					4.45	22.619	0.0088	-2.5 to 2.5	Pass
				-30	3.87	41.190	0.0160	-2.5 to 2.5	Pass
				-20	3.87	46.078	0.0179	-2.5 to 2.5	Pass

				-10	3.87	5.262	0.0020	-2.5 to 2.5	Pass
				0	3.87	19.633	0.0076	-2.5 to 2.5	Pass
				10	3.87	29.736	0.0115	-2.5 to 2.5	Pass
				30	3.87	41.649	0.0162	-2.5 to 2.5	Pass
				40	3.87	0.335	0.0001	-2.5 to 2.5	Pass
				50	3.87	12.612	0.0049	-2.5 to 2.5	Pass
	2595	75	0	20	3.6	41.285	0.0159	-2.5 to 2.5	Pass
					3.87	-0.267	-0.0001	-2.5 to 2.5	Pass
					4.45	22.447	0.0087	-2.5 to 2.5	Pass
				-30	3.87	38.779	0.0149	-2.5 to 2.5	Pass
				-20	3.87	47.972	0.0185	-2.5 to 2.5	Pass
				-10	3.87	28.396	0.0109	-2.5 to 2.5	Pass
				0	3.87	8.408	0.0032	-2.5 to 2.5	Pass
				10	3.87	19.248	0.0074	-2.5 to 2.5	Pass
				30	3.87	24.450	0.0094	-2.5 to 2.5	Pass
				40	3.87	37.330	0.0144	-2.5 to 2.5	Pass
				50	3.87	47.121	0.0182	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.6	39.357	0.0151	-2.5 to 2.5	Pass
					3.87	23.532	0.0090	-2.5 to 2.5	Pass
					4.45	40.481	0.0155	-2.5 to 2.5	Pass
				-30	3.87	19.484	0.0075	-2.5 to 2.5	Pass
				-20	3.87	20.070	0.0077	-2.5 to 2.5	Pass
				-10	3.87	52.277	0.0200	-2.5 to 2.5	Pass
				0	3.87	-8.358	-0.0032	-2.5 to 2.5	Pass
				10	3.87	-17.180	-0.0066	-2.5 to 2.5	Pass
				30	3.87	-12.278	-0.0047	-2.5 to 2.5	Pass
				40	3.87	8.110	0.0031	-2.5 to 2.5	Pass
				50	3.87	31.558	0.0121	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.6	23.436	0.0091	-2.5 to 2.5	Pass
					3.87	19.456	0.0075	-2.5 to 2.5	Pass
					4.45	-36.635	-0.0142	-2.5 to 2.5	Pass
				-30	3.87	-37.087	-0.0144	-2.5 to 2.5	Pass
				-20	3.87	-38.410	-0.0149	-2.5 to 2.5	Pass
				-10	3.87	-12.970	-0.0050	-2.5 to 2.5	Pass
				0	3.87	-43.482	-0.0169	-2.5 to 2.5	Pass
				10	3.87	-51.496	-0.0200	-2.5 to 2.5	Pass
				30	3.87	-11.001	-0.0043	-2.5 to 2.5	Pass
				40	3.87	-7.710	-0.0030	-2.5 to 2.5	Pass
				50	3.87	-43.902	-0.0170	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	41.922	0.0162	-2.5 to 2.5	Pass
					3.87	-6.748	-0.0026	-2.5 to 2.5	Pass
					4.45	-3.322	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-22.289	-0.0086	-2.5 to 2.5	Pass
				-20	3.87	-8.278	-0.0032	-2.5 to 2.5	Pass
				-10	3.87	-3.582	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-42.013	-0.0162	-2.5 to 2.5	Pass
				10	3.87	-49.683	-0.0191	-2.5 to 2.5	Pass
				30	3.87	3.346	0.0013	-2.5 to 2.5	Pass
				40	3.87	-14.140	-0.0054	-2.5 to 2.5	Pass
				50	3.87	-28.329	-0.0109	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	26.264	0.0101	-2.5 to 2.5	Pass

					3.87	-27.527	-0.0105	-2.5 to 2.5	Pass
					4.45	-13.647	-0.0052	-2.5 to 2.5	Pass
				-30	3.87	-22.438	-0.0086	-2.5 to 2.5	Pass
				-20	3.87	4.914	0.0019	-2.5 to 2.5	Pass
				-10	3.87	-39.513	-0.0151	-2.5 to 2.5	Pass
				0	3.87	-0.363	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-43.463	-0.0167	-2.5 to 2.5	Pass
				30	3.87	-17.504	-0.0067	-2.5 to 2.5	Pass
				40	3.87	-6.404	-0.0025	-2.5 to 2.5	Pass
				50	3.87	-40.143	-0.0154	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.6	-14.046	-0.0054	-2.5 to 2.5	Pass
					3.87	-17.104	-0.0066	-2.5 to 2.5	Pass
					4.45	1.905	0.0007	-2.5 to 2.5	Pass
				-30	3.87	30.850	0.0120	-2.5 to 2.5	Pass
				-20	3.87	35.292	0.0137	-2.5 to 2.5	Pass
				-10	3.87	21.280	0.0082	-2.5 to 2.5	Pass
				0	3.87	22.412	0.0087	-2.5 to 2.5	Pass
				10	3.87	24.107	0.0093	-2.5 to 2.5	Pass
				30	3.87	29.025	0.0113	-2.5 to 2.5	Pass
				40	3.87	44.762	0.0173	-2.5 to 2.5	Pass
				50	3.87	-10.746	-0.0042	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	-44.793	-0.0173	-2.5 to 2.5	Pass
					3.87	-19.845	-0.0076	-2.5 to 2.5	Pass
					4.45	5.387	0.0021	-2.5 to 2.5	Pass
				-30	3.87	16.054	0.0062	-2.5 to 2.5	Pass
				-20	3.87	24.564	0.0095	-2.5 to 2.5	Pass
				-10	3.87	45.189	0.0174	-2.5 to 2.5	Pass
				0	3.87	22.945	0.0088	-2.5 to 2.5	Pass
				10	3.87	-9.414	-0.0036	-2.5 to 2.5	Pass
				30	3.87	10.285	0.0040	-2.5 to 2.5	Pass
				40	3.87	22.289	0.0086	-2.5 to 2.5	Pass
				50	3.87	24.536	0.0095	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	-37.967	-0.0145	-2.5 to 2.5	Pass
					3.87	-14.202	-0.0054	-2.5 to 2.5	Pass
					4.45	-1.666	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-2.743	-0.0011	-2.5 to 2.5	Pass
				-20	3.87	-2.942	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	29.575	0.0113	-2.5 to 2.5	Pass
				0	3.87	12.709	0.0049	-2.5 to 2.5	Pass
				10	3.87	8.980	0.0034	-2.5 to 2.5	Pass
				30	3.87	21.319	0.0082	-2.5 to 2.5	Pass
				40	3.87	25.574	0.0098	-2.5 to 2.5	Pass
				50	3.87	11.243	0.0043	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	3.6	8.622	0.0033	-2.5 to 2.5	Pass
					3.87	32.088	0.0124	-2.5 to 2.5	Pass
					4.45	29.378	0.0114	-2.5 to 2.5	Pass
				-30	3.87	44.242	0.0171	-2.5 to 2.5	Pass
				-20	3.87	17.313	0.0067	-2.5 to 2.5	Pass
				-10	3.87	15.788	0.0061	-2.5 to 2.5	Pass
				0	3.87	33.212	0.0129	-2.5 to 2.5	Pass
				10	3.87	14.147	0.0055	-2.5 to 2.5	Pass
				30	3.87	-4.703	-0.0018	-2.5 to 2.5	Pass
				40	3.87	-8.567	-0.0033	-2.5 to 2.5	Pass
				50	3.87	-24.603	-0.0095	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	27.909	0.0108	-2.5 to 2.5	Pass
					3.87	27.499	0.0106	-2.5 to 2.5	Pass
					4.45	1.389	0.0005	-2.5 to 2.5	Pass
				-30	3.87	27.860	0.0107	-2.5 to 2.5	Pass
				-20	3.87	-4.740	-0.0018	-2.5 to 2.5	Pass

				-10	3.87	-5.018	-0.0019	-2.5 to 2.5	Pass
				0	3.87	-15.973	-0.0062	-2.5 to 2.5	Pass
				10	3.87	-19.086	-0.0074	-2.5 to 2.5	Pass
				30	3.87	-3.707	-0.0014	-2.5 to 2.5	Pass
				40	3.87	3.905	0.0015	-2.5 to 2.5	Pass
				50	3.87	18.331	0.0071	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	17.322	0.0066	-2.5 to 2.5	Pass
					3.87	31.828	0.0122	-2.5 to 2.5	Pass
					4.45	17.398	0.0067	-2.5 to 2.5	Pass
				-30	3.87	4.622	0.0018	-2.5 to 2.5	Pass
				-20	3.87	-0.097	0.0000	-2.5 to 2.5	Pass
				-10	3.87	4.803	0.0018	-2.5 to 2.5	Pass
				0	3.87	16.930	0.0065	-2.5 to 2.5	Pass
				10	3.87	19.546	0.0075	-2.5 to 2.5	Pass
				30	3.87	43.406	0.0166	-2.5 to 2.5	Pass
				40	3.87	46.500	0.0178	-2.5 to 2.5	Pass
				50	3.87	26.853	0.0103	-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	4.542	/	Pass
		2595	25	0	4.564	/	Pass
		2617.5	25	0	4.542	/	Pass
	16QAM	2572.5	25	0	4.558	/	Pass
		2595	25	0	4.557	/	Pass
		2617.5	25	0	4.543	/	Pass
	64QAM	2572.5	25	0	4.539	/	Pass
		2595	25	0	4.562	/	Pass
		2617.5	25	0	4.561	/	Pass
10	QPSK	2575	50	0	9.031	/	Pass
		2595	50	0	9.076	/	Pass
		2615	50	0	9.108	/	Pass
	16QAM	2575	50	0	9.108	/	Pass
		2595	50	0	9.073	/	Pass
		2615	50	0	9.063	/	Pass
	64QAM	2575	50	0	9.086	/	Pass
		2595	50	0	9.045	/	Pass
		2615	50	0	9.071	/	Pass
15	QPSK	2577.5	75	0	13.600	/	Pass
		2595	75	0	13.591	/	Pass
		2612.5	75	0	13.591	/	Pass
	16QAM	2577.5	75	0	13.485	/	Pass
		2595	75	0	13.657	/	Pass
		2612.5	75	0	13.592	/	Pass
	64QAM	2577.5	75	0	13.611	/	Pass
		2595	75	0	13.564	/	Pass
20	QPSK	2612.5	75	0	13.561	/	Pass
		2580	100	0	18.084	/	Pass
		2595	100	0	18.117	/	Pass
		2610	100	0	18.128	/	Pass

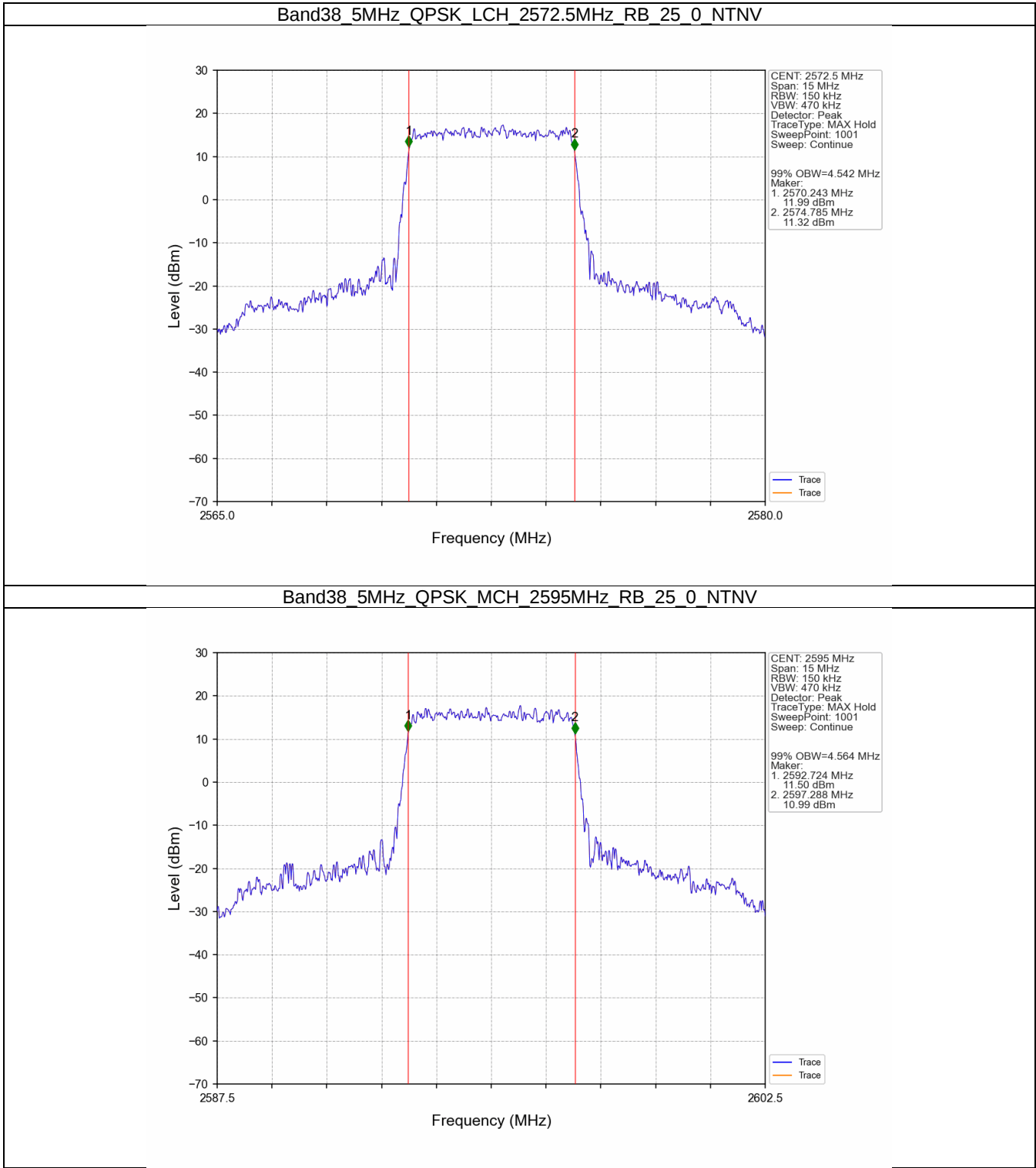
	16QAM	2580	100	0	18.133	/	Pass
		2595	100	0	18.181	/	Pass
		2610	100	0	18.139	/	Pass
	64QAM	2580	100	0	18.105	/	Pass
		2595	100	0	18.028	/	Pass
		2610	100	0	18.163	/	Pass

3.1.2 Band38_XDB

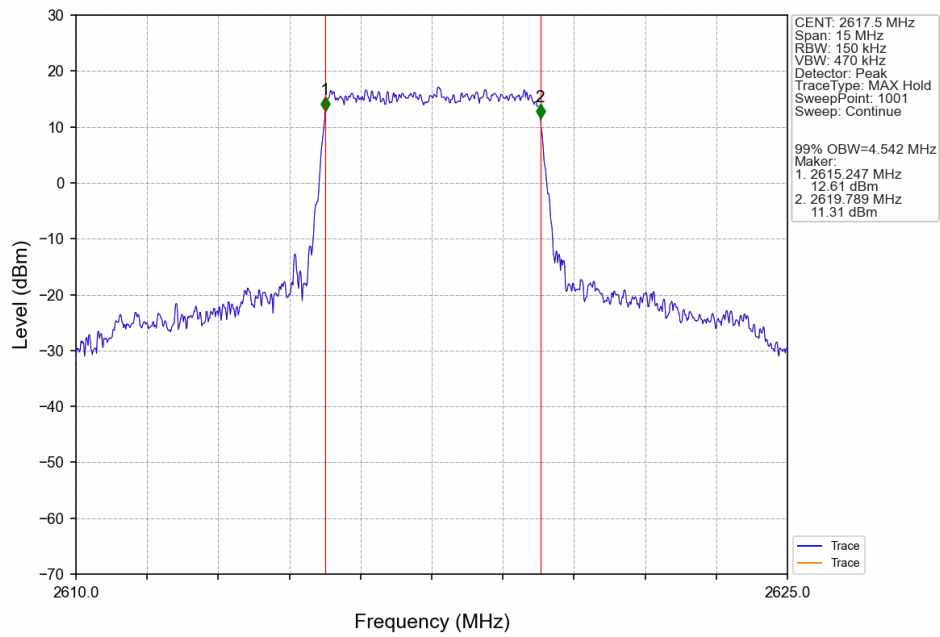
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.136	/	Pass
		2595	25	0	5.092	/	Pass
		2617.5	25	0	5.031	/	Pass
	16QAM	2572.5	25	0	5.160	/	Pass
		2595	25	0	5.210	/	Pass
		2617.5	25	0	4.940	/	Pass
	64QAM	2572.5	25	0	5.044	/	Pass
		2595	25	0	5.443	/	Pass
		2617.5	25	0	5.322	/	Pass
10	QPSK	2575	50	0	9.927	/	Pass
		2595	50	0	10.350	/	Pass
		2615	50	0	10.127	/	Pass
	16QAM	2575	50	0	10.038	/	Pass
		2595	50	0	10.051	/	Pass
		2615	50	0	9.939	/	Pass
	64QAM	2575	50	0	10.008	/	Pass
		2595	50	0	10.023	/	Pass
		2615	50	0	10.226	/	Pass
15	QPSK	2577.5	75	0	15.289	/	Pass
		2595	75	0	15.031	/	Pass
		2612.5	75	0	15.199	/	Pass
	16QAM	2577.5	75	0	14.507	/	Pass
		2595	75	0	15.147	/	Pass
		2612.5	75	0	15.179	/	Pass
	64QAM	2577.5	75	0	15.081	/	Pass
		2595	75	0	15.046	/	Pass
		2612.5	75	0	15.172	/	Pass
20	QPSK	2580	100	0	19.305	/	Pass
		2595	100	0	20.100	/	Pass
		2610	100	0	19.510	/	Pass
	16QAM	2580	100	0	19.811	/	Pass
		2595	100	0	20.104	/	Pass
		2610	100	0	20.179	/	Pass
	64QAM	2580	100	0	20.059	/	Pass
		2595	100	0	19.472	/	Pass
		2610	100	0	20.328	/	Pass

3.2 Test Graph

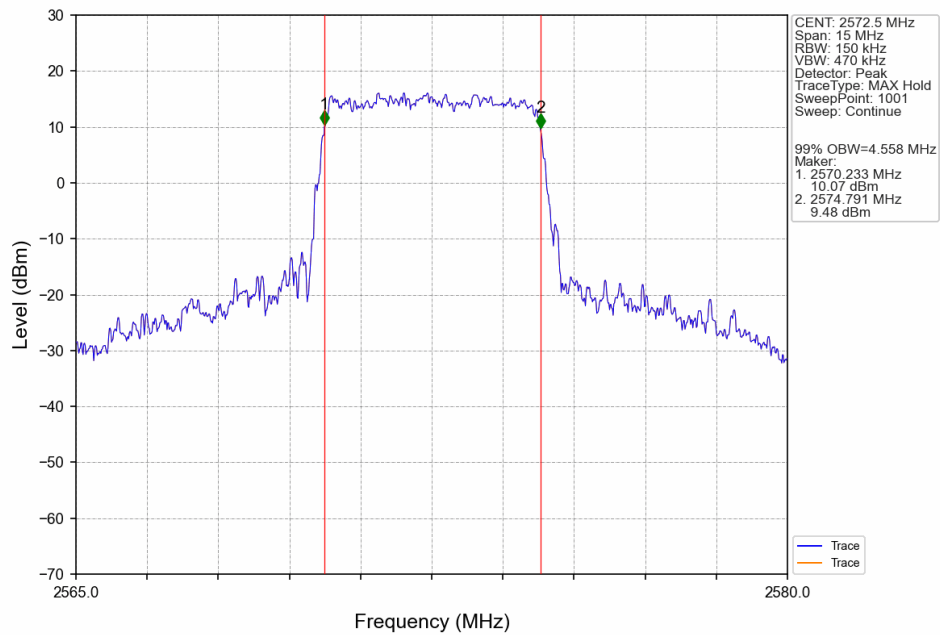
3.2.1 Band38_OBW



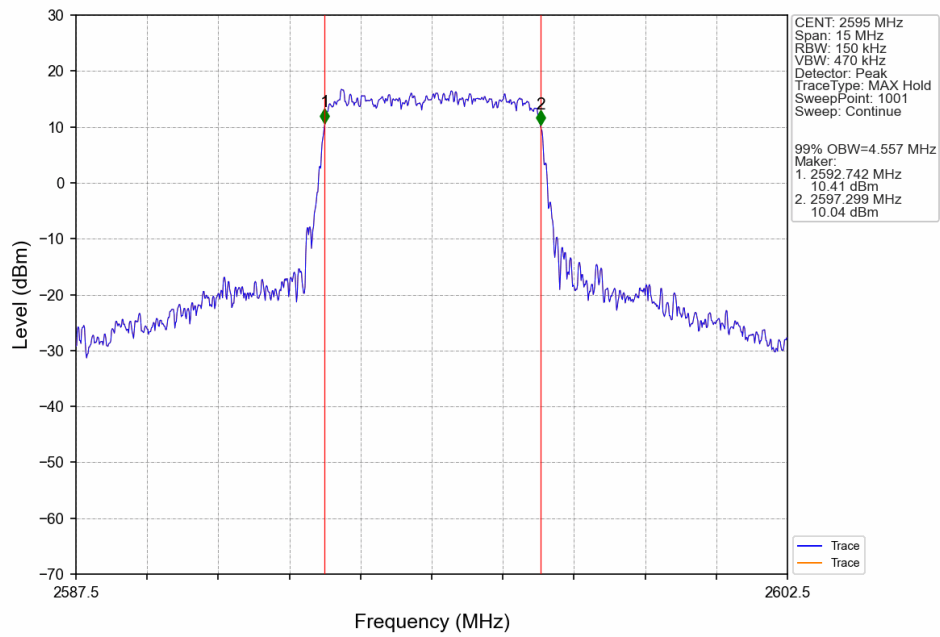
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



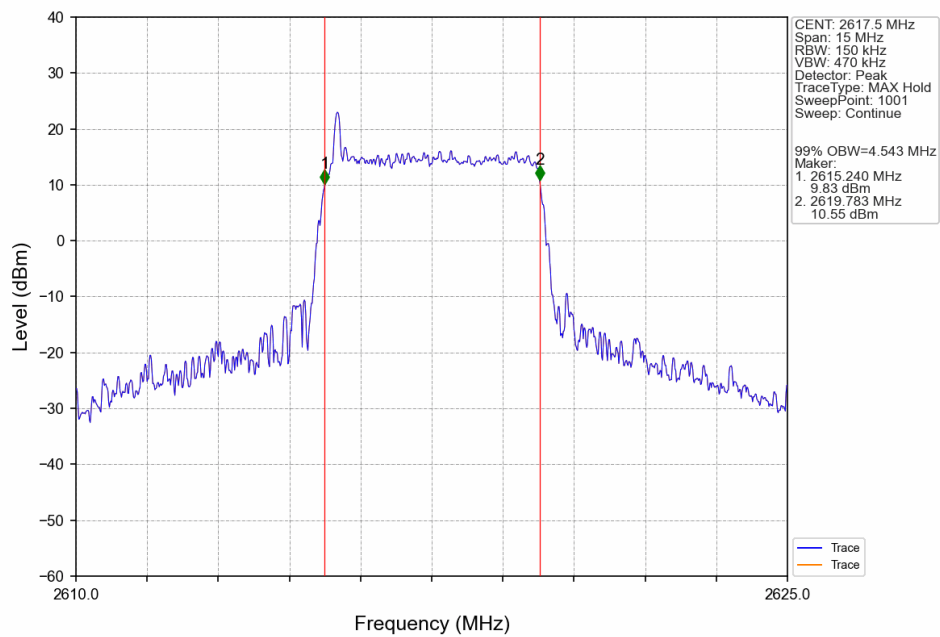
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



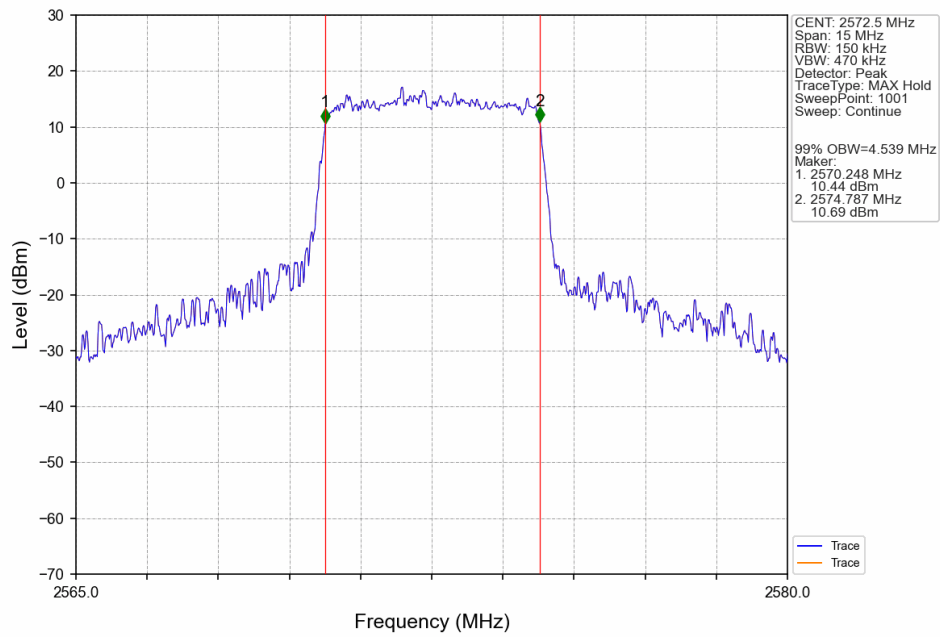
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



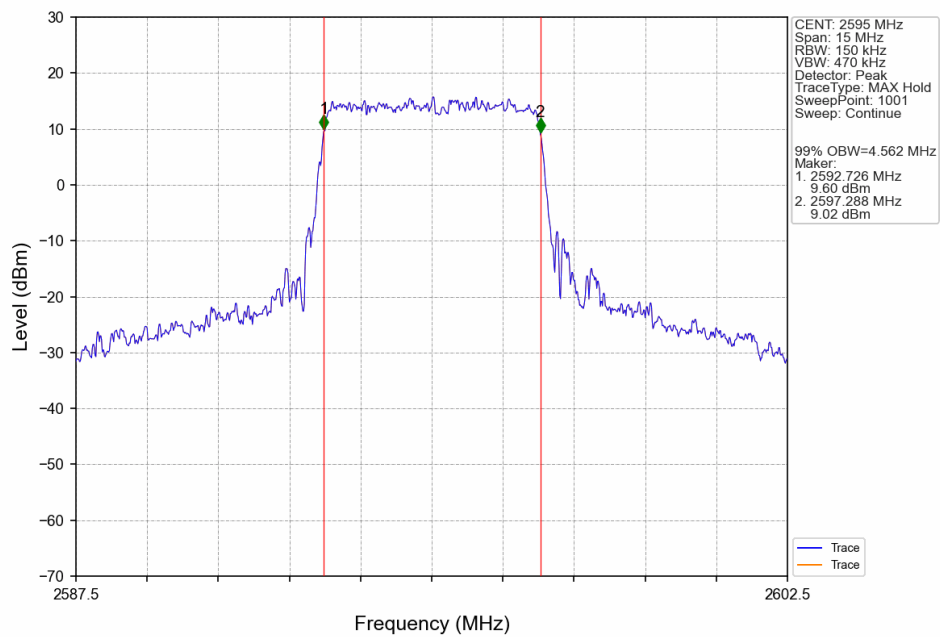
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



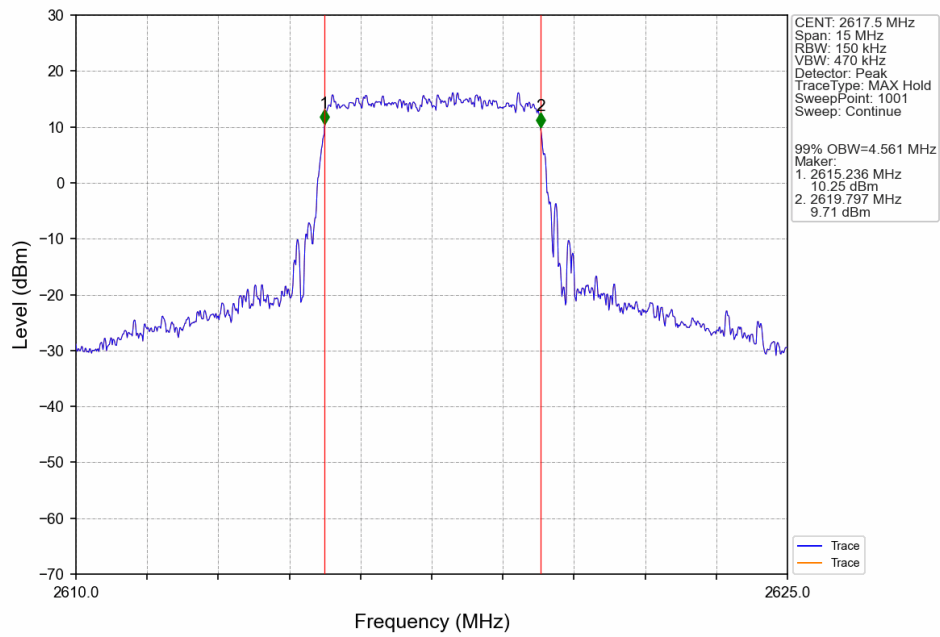
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTN



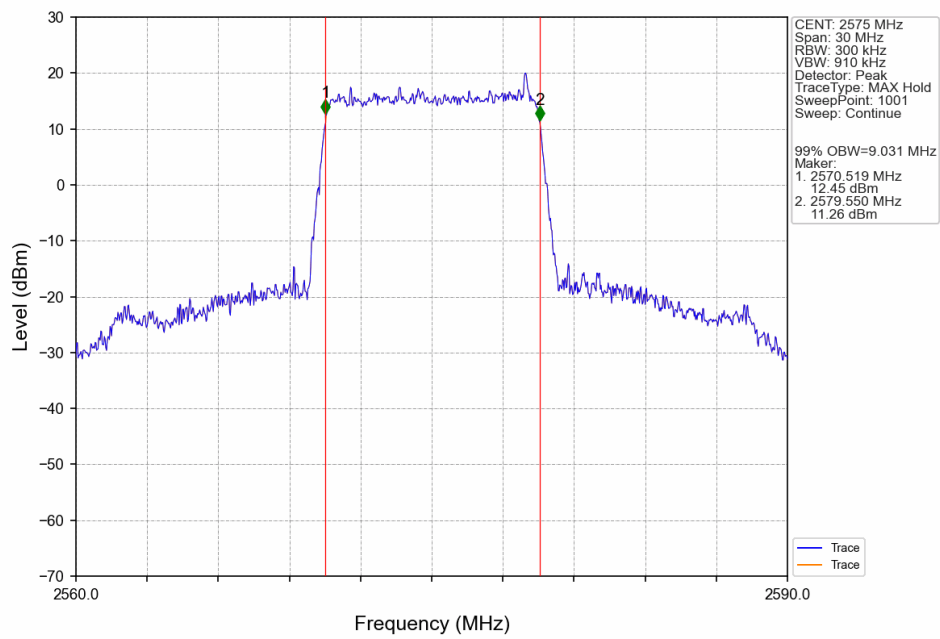
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTN



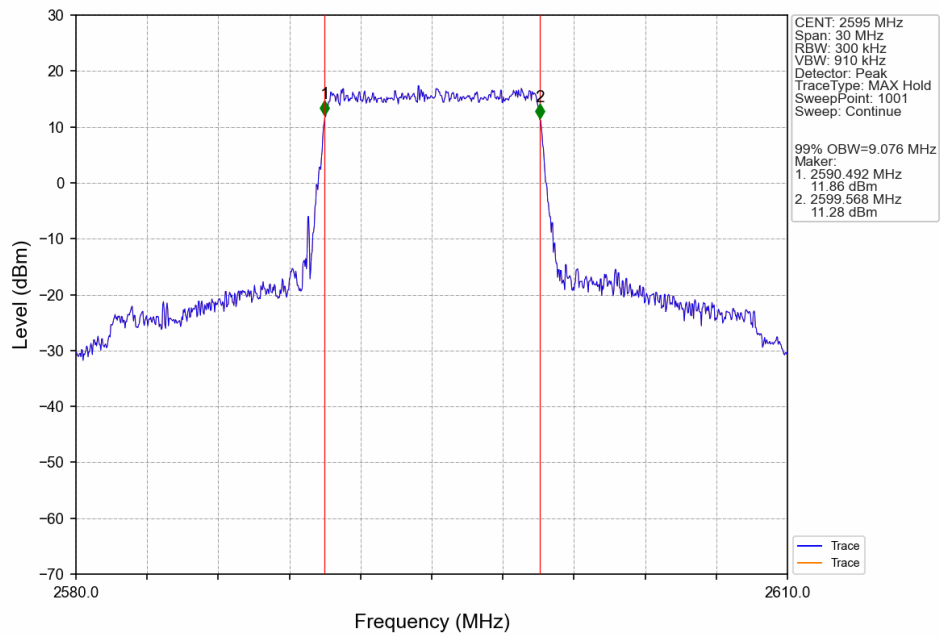
Band38 5MHz 64QAM HCH 2617.5MHz RB 25 0 NTNV



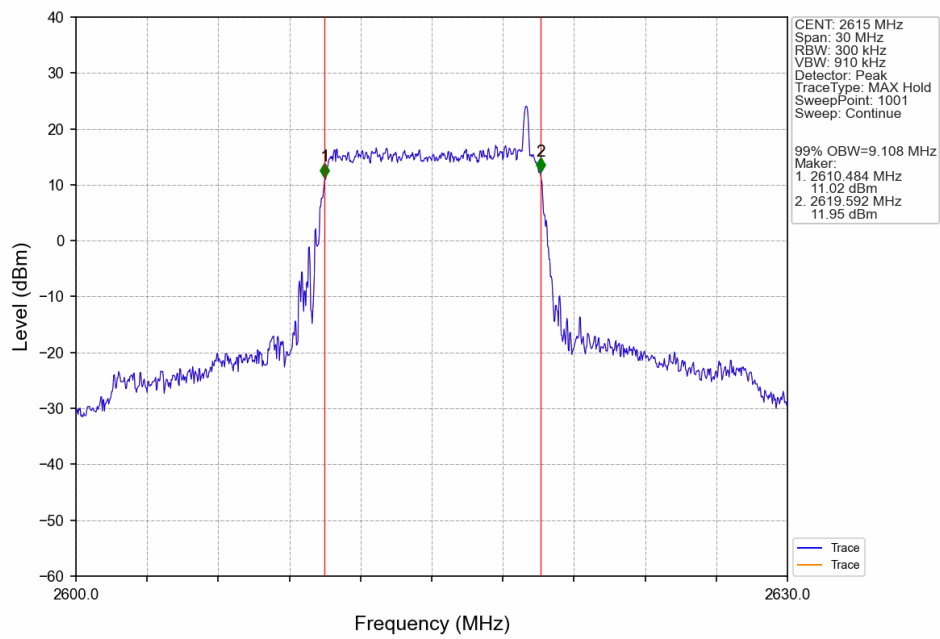
Band38_10MHz QPSK_LCH 2575MHz RB 50 0 NTNV



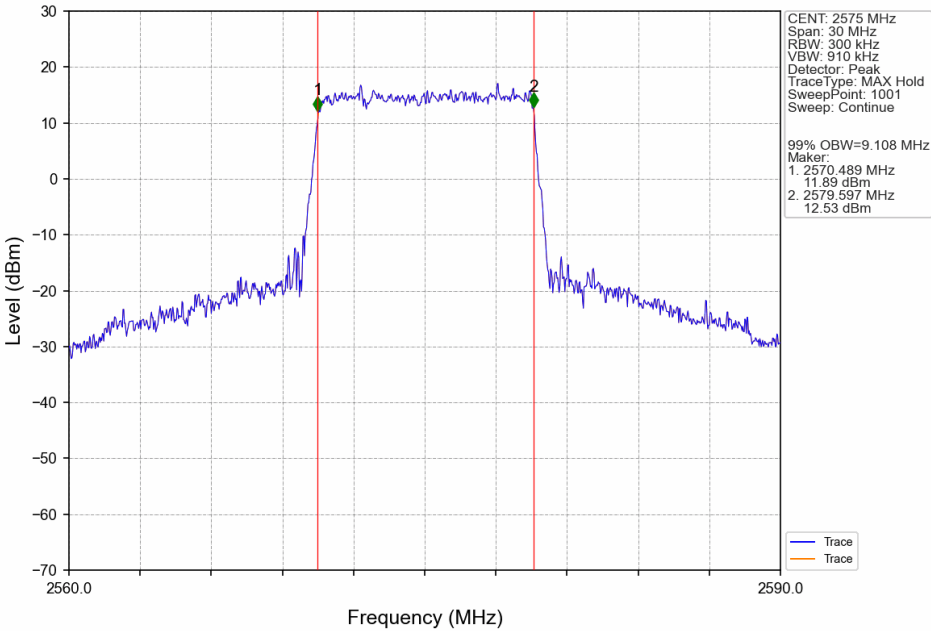
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



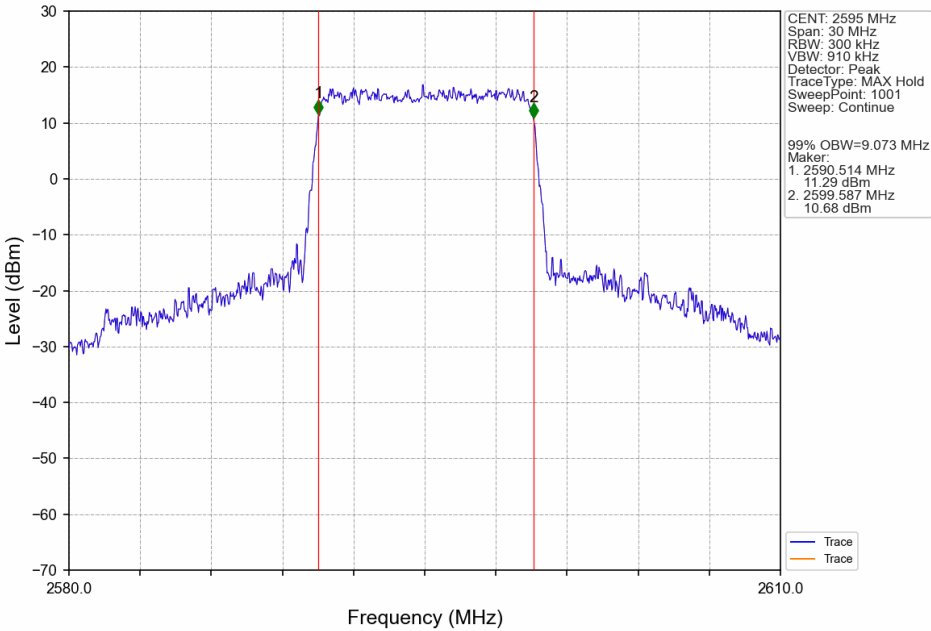
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



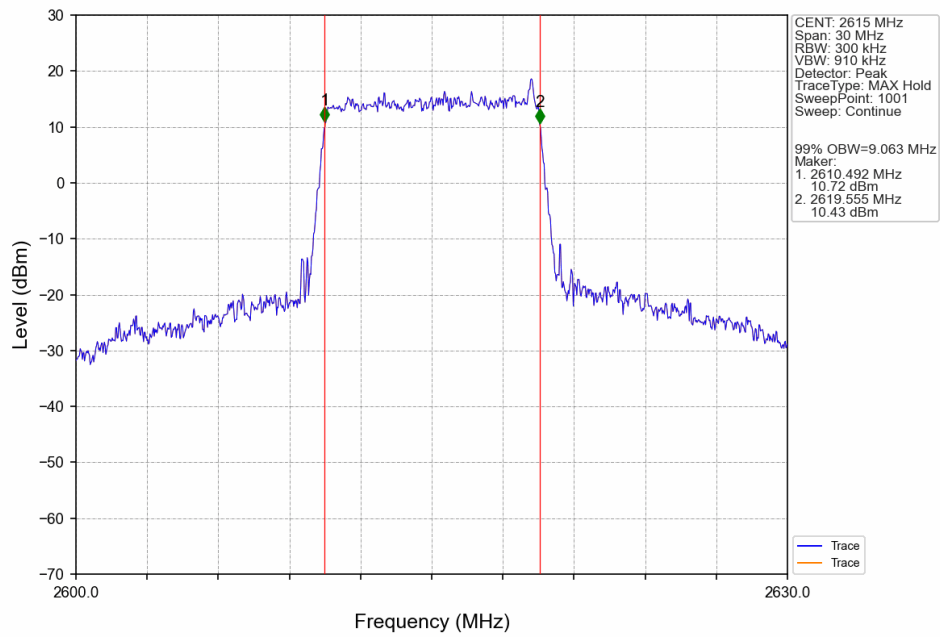
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTN



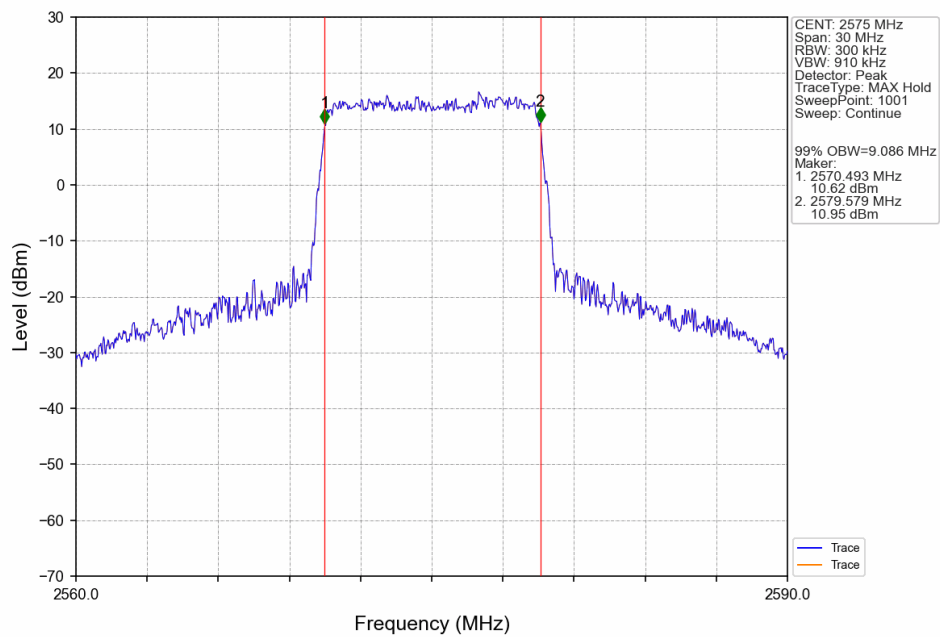
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTN



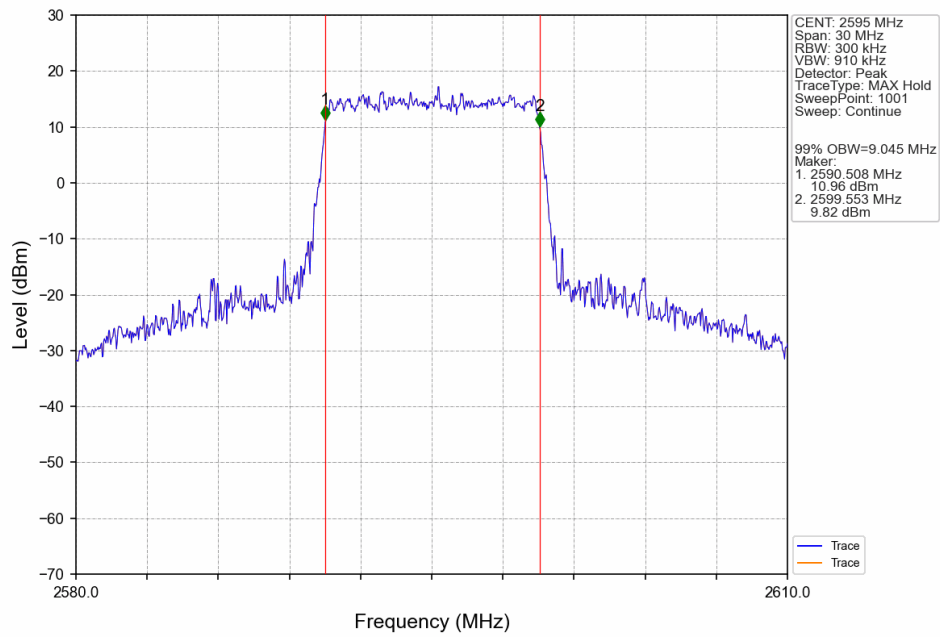
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV



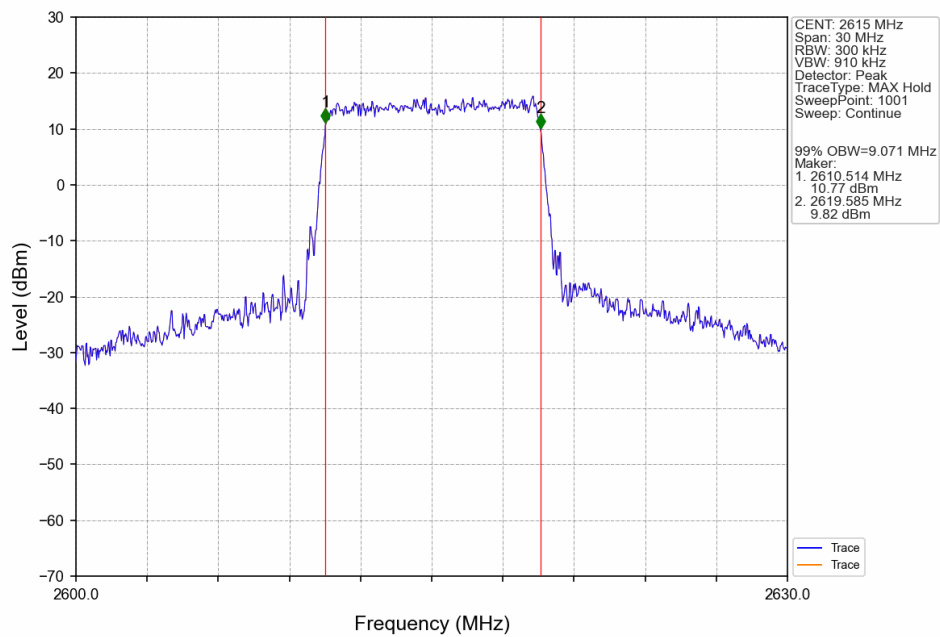
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



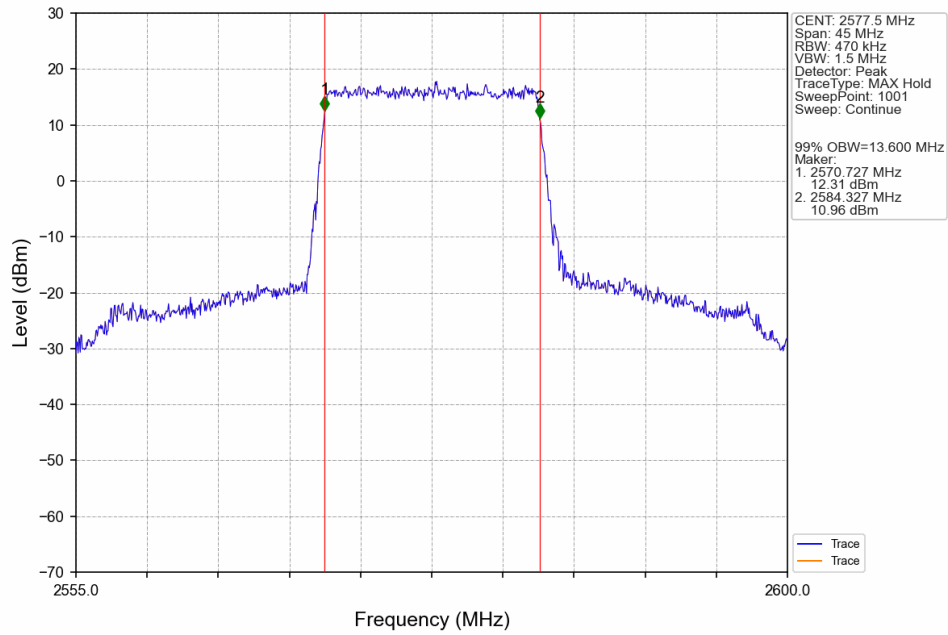
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTN



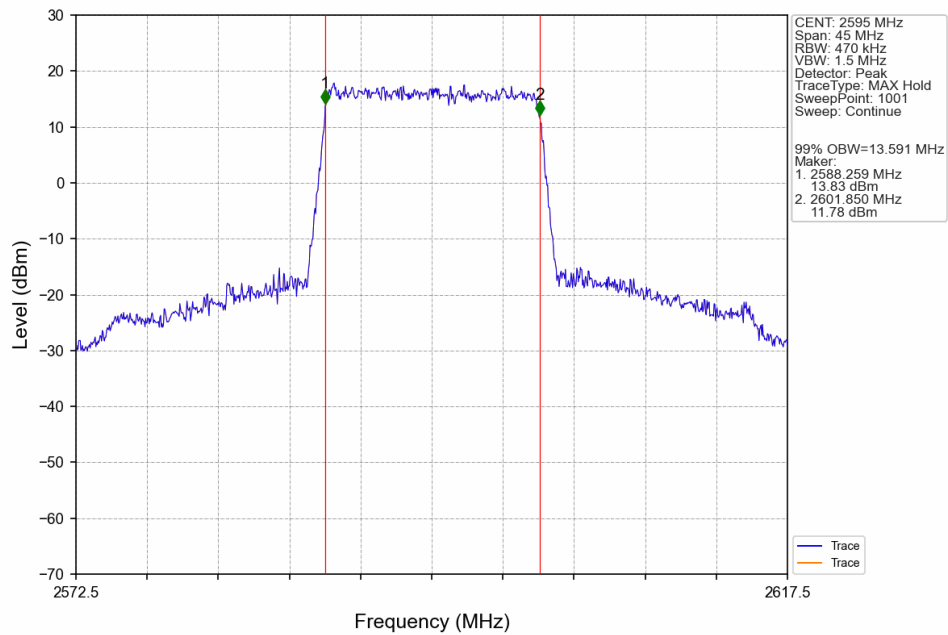
Band38 10MHz 64QAM HCH 2615MHz RB 50 0 NTN



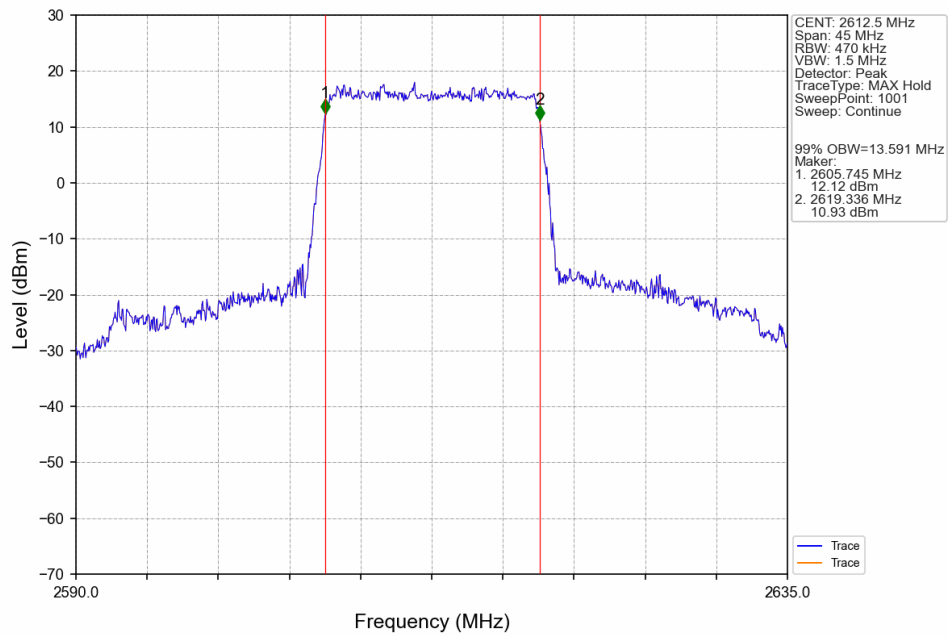
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



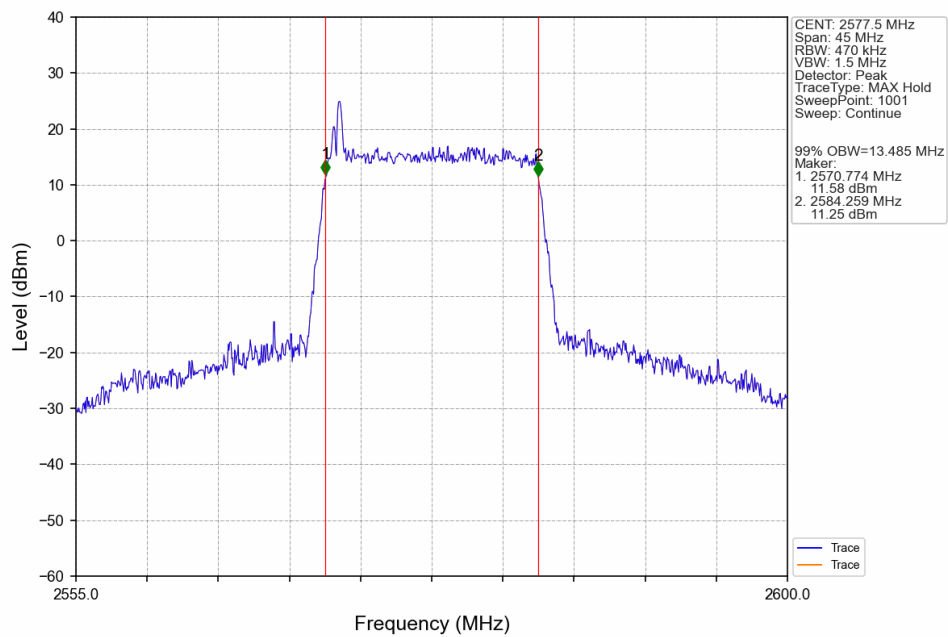
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



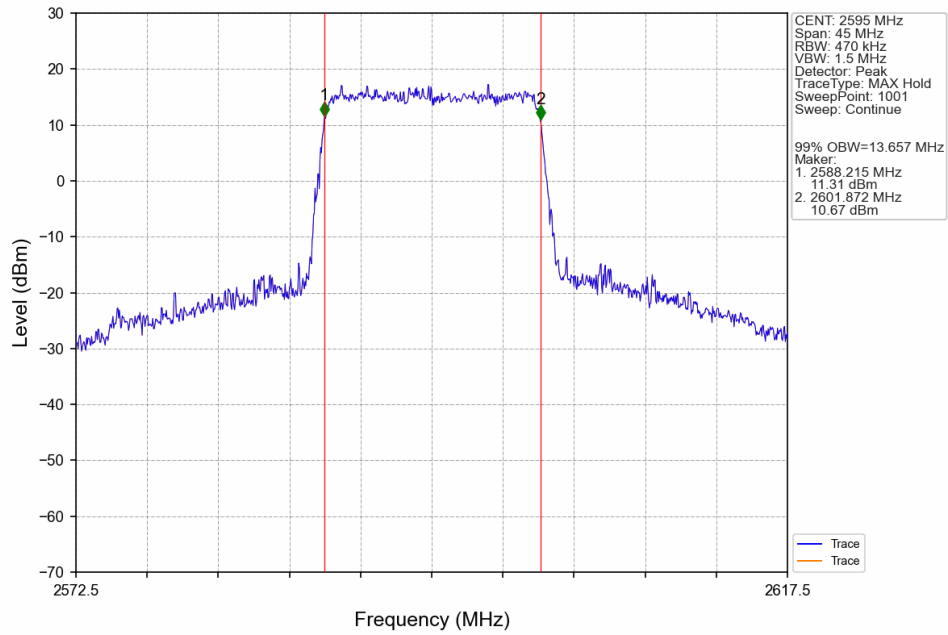
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



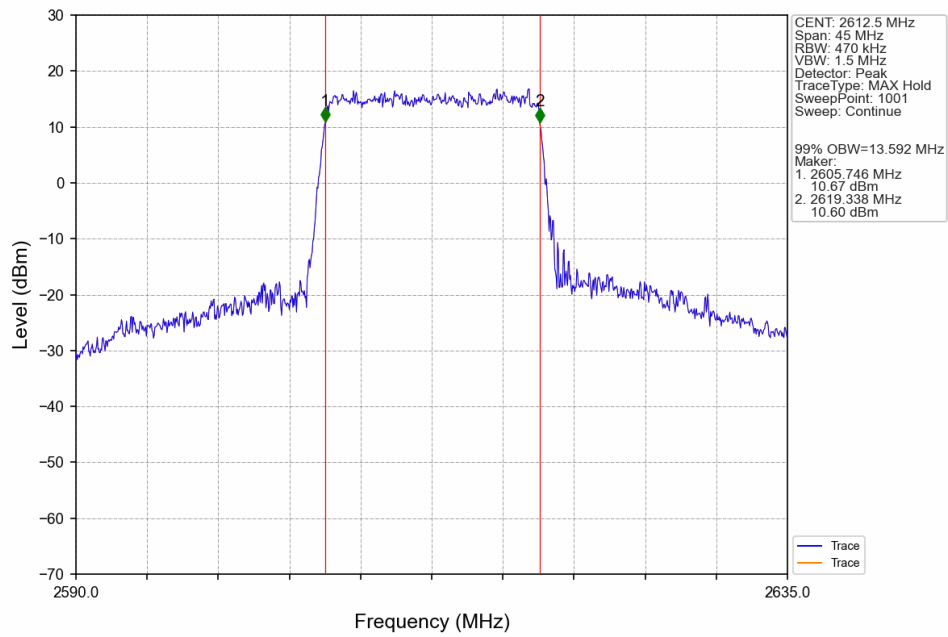
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTN



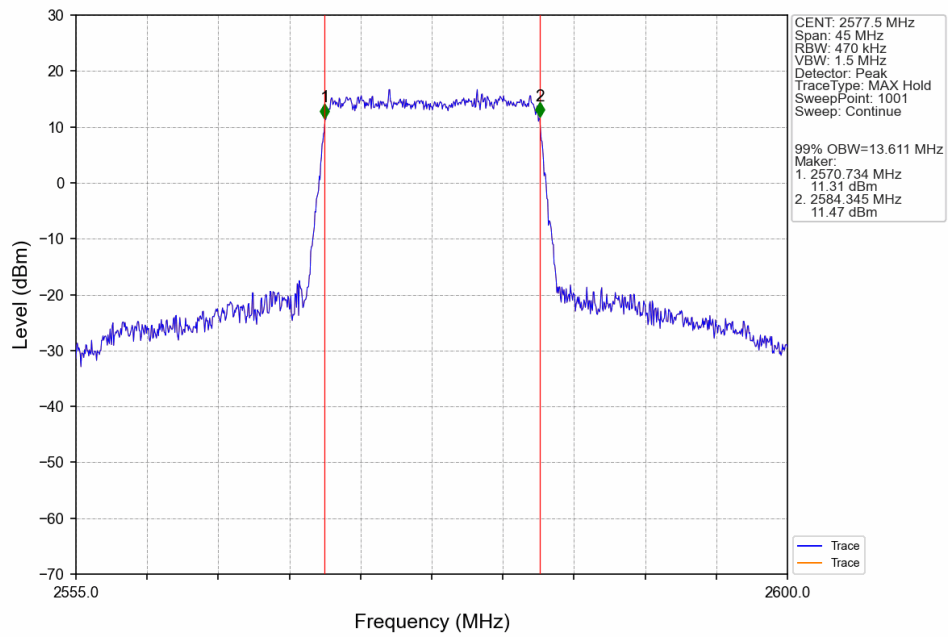
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTN



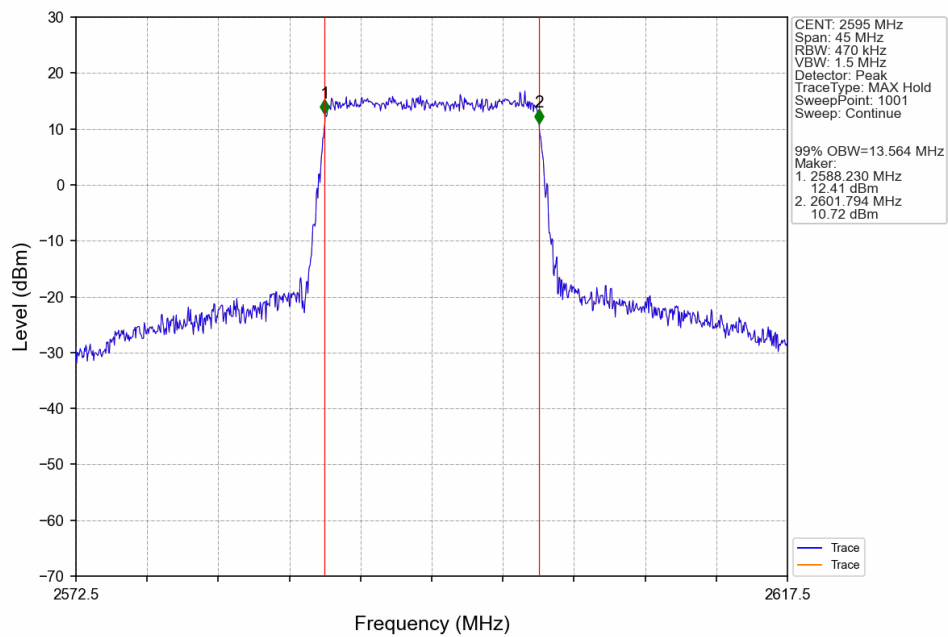
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0 NTN



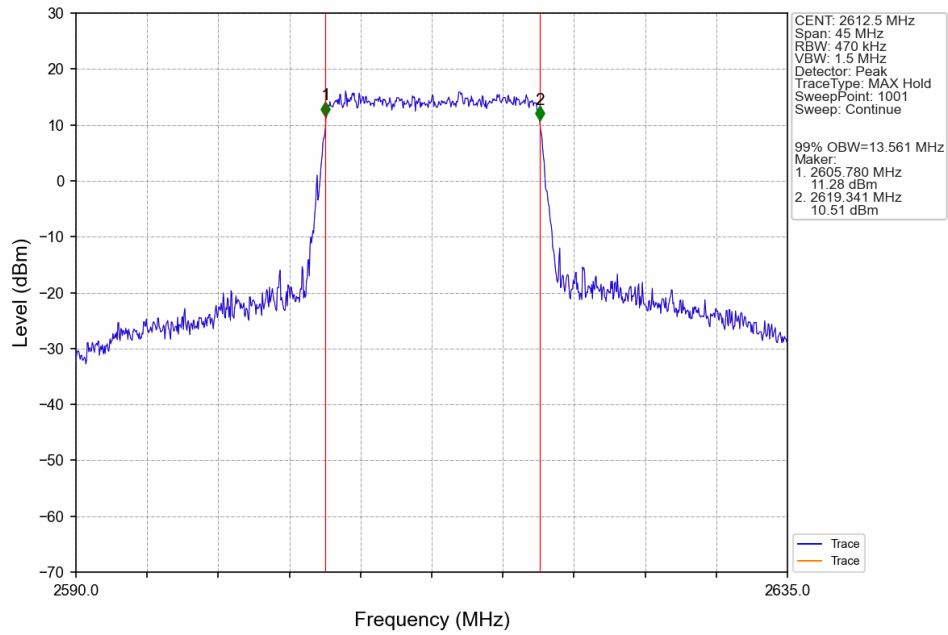
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



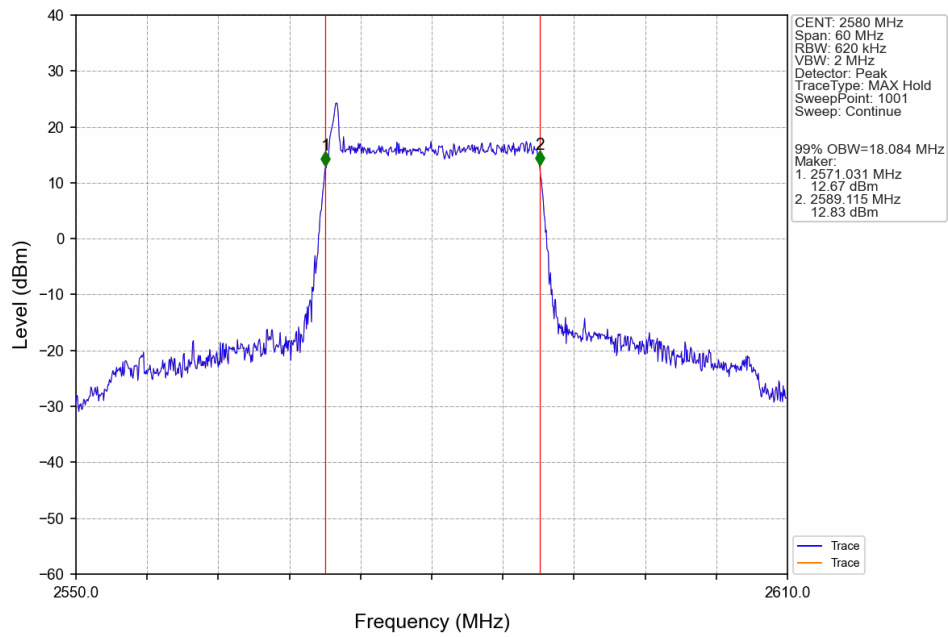
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



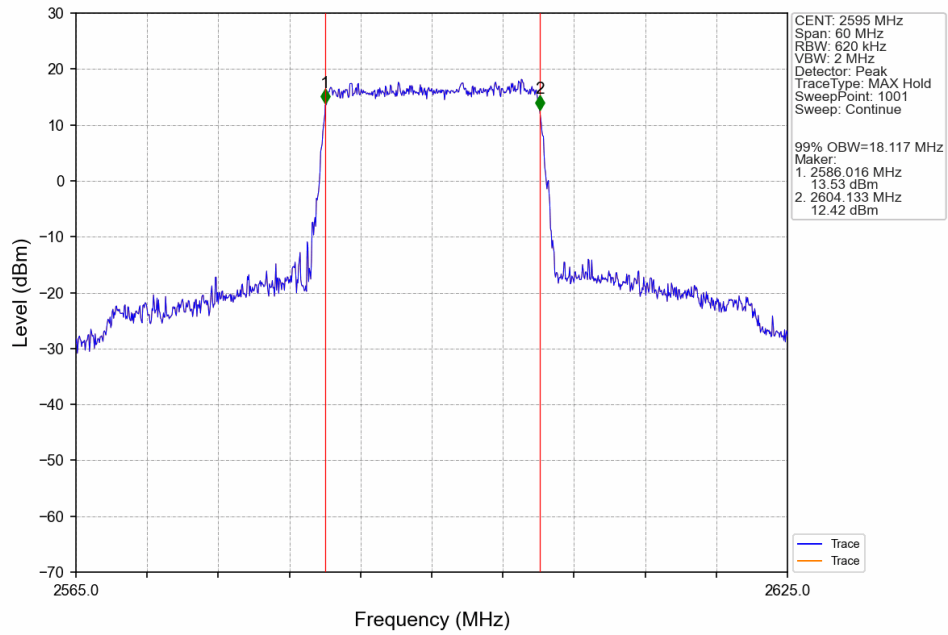
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



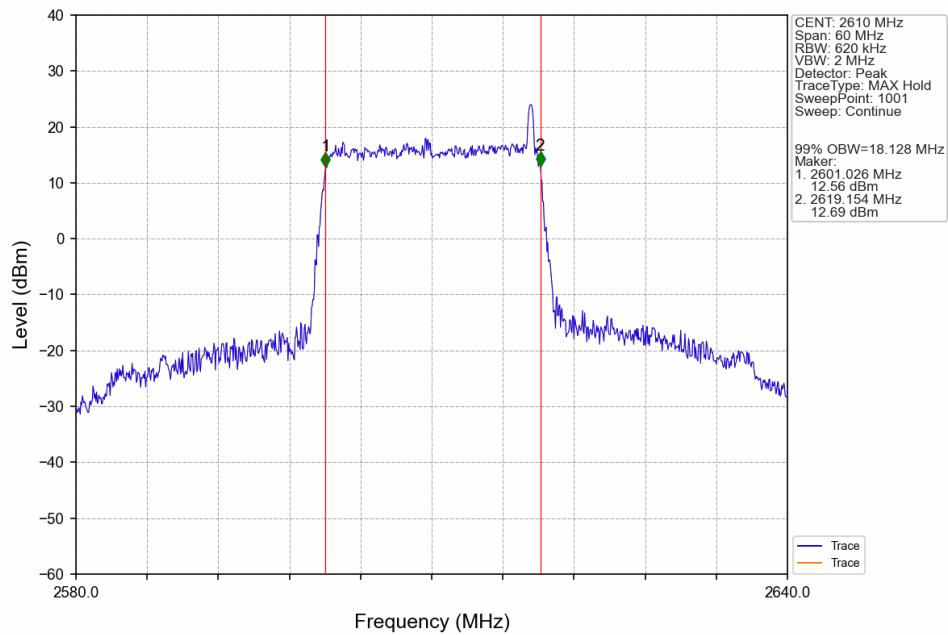
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



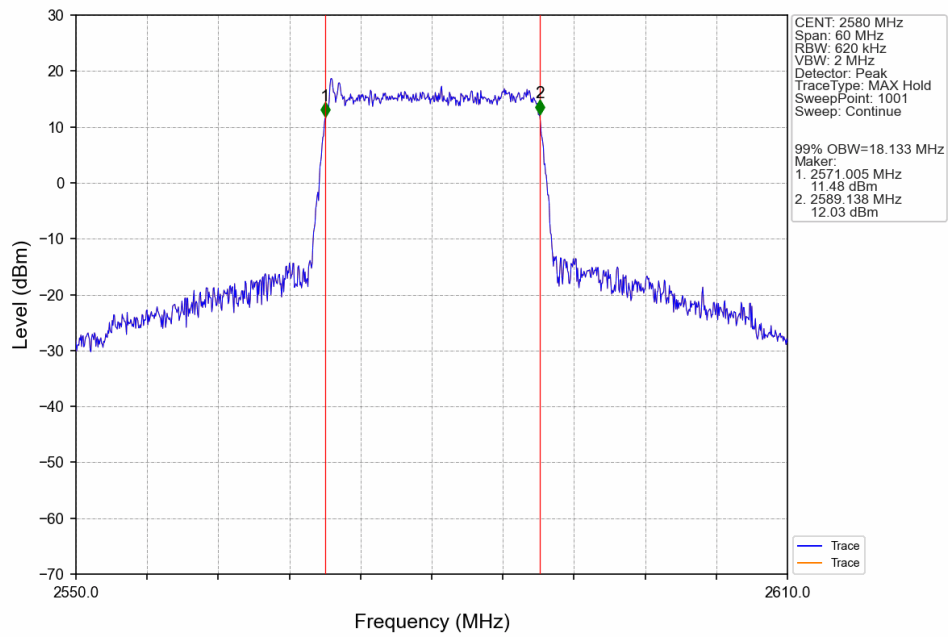
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



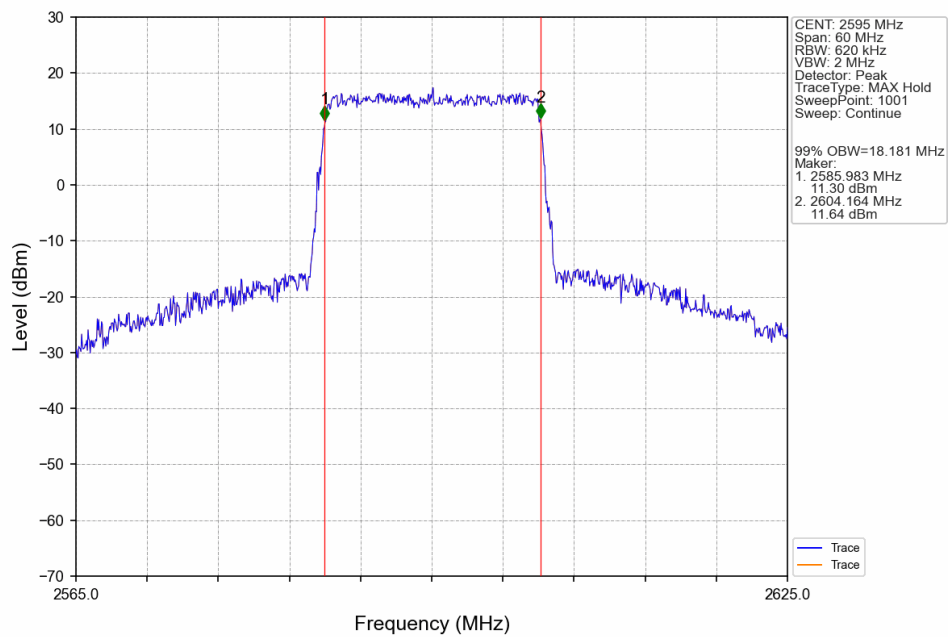
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



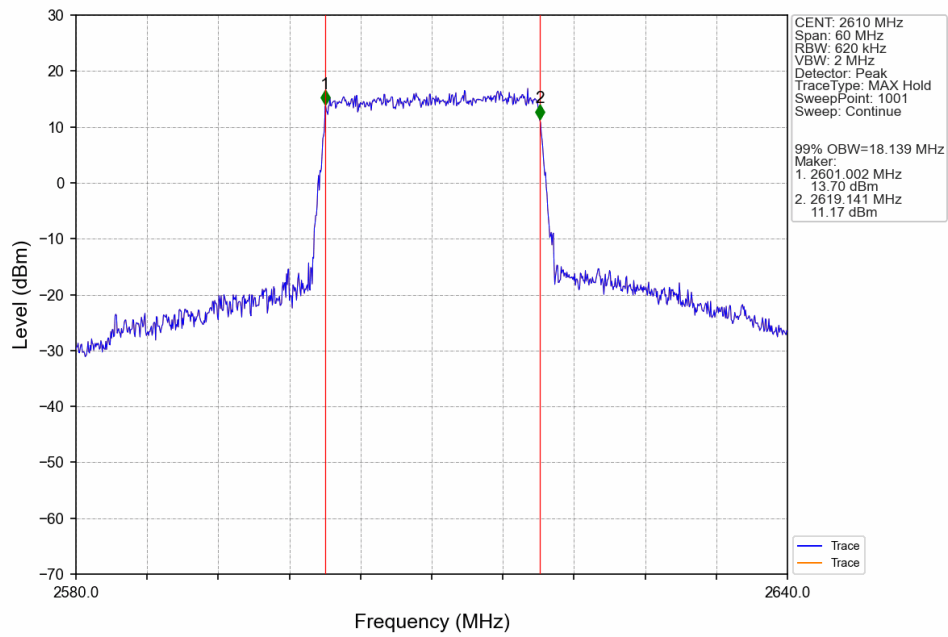
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



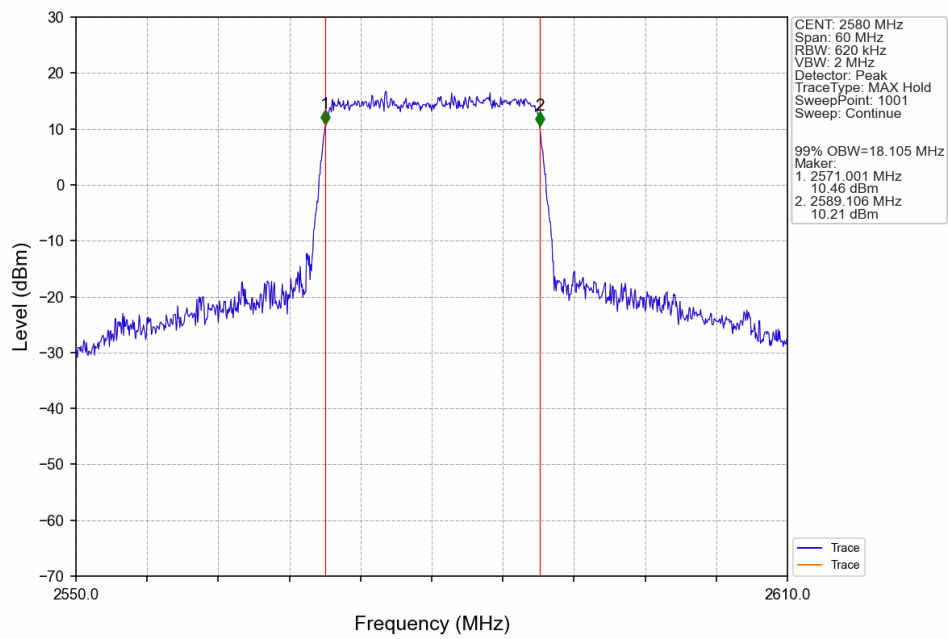
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



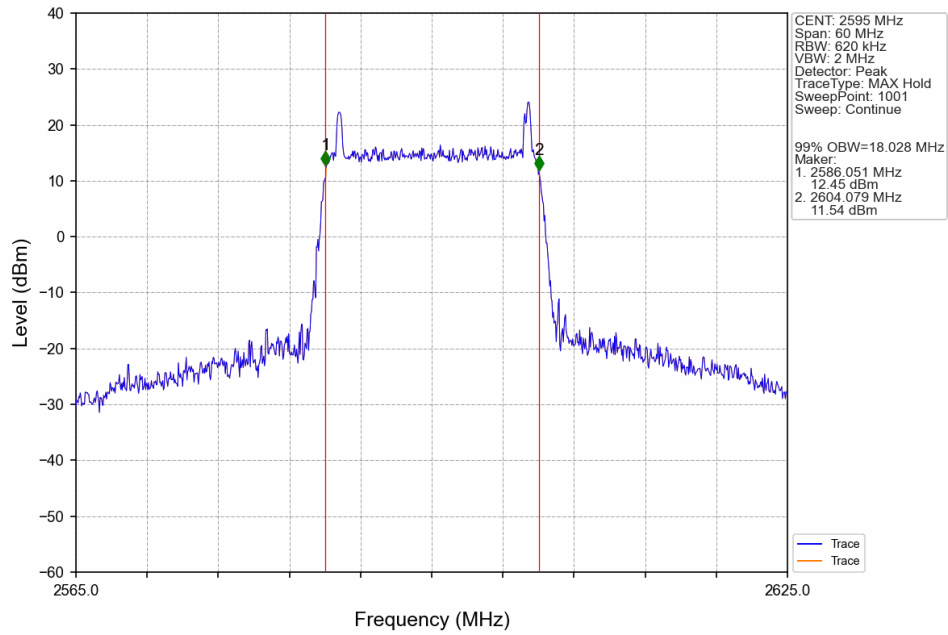
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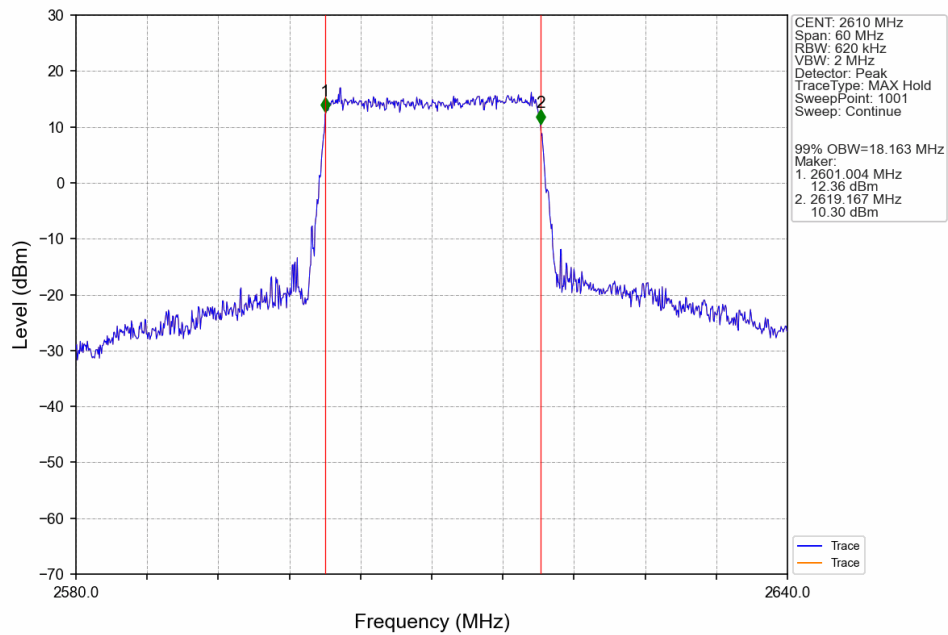
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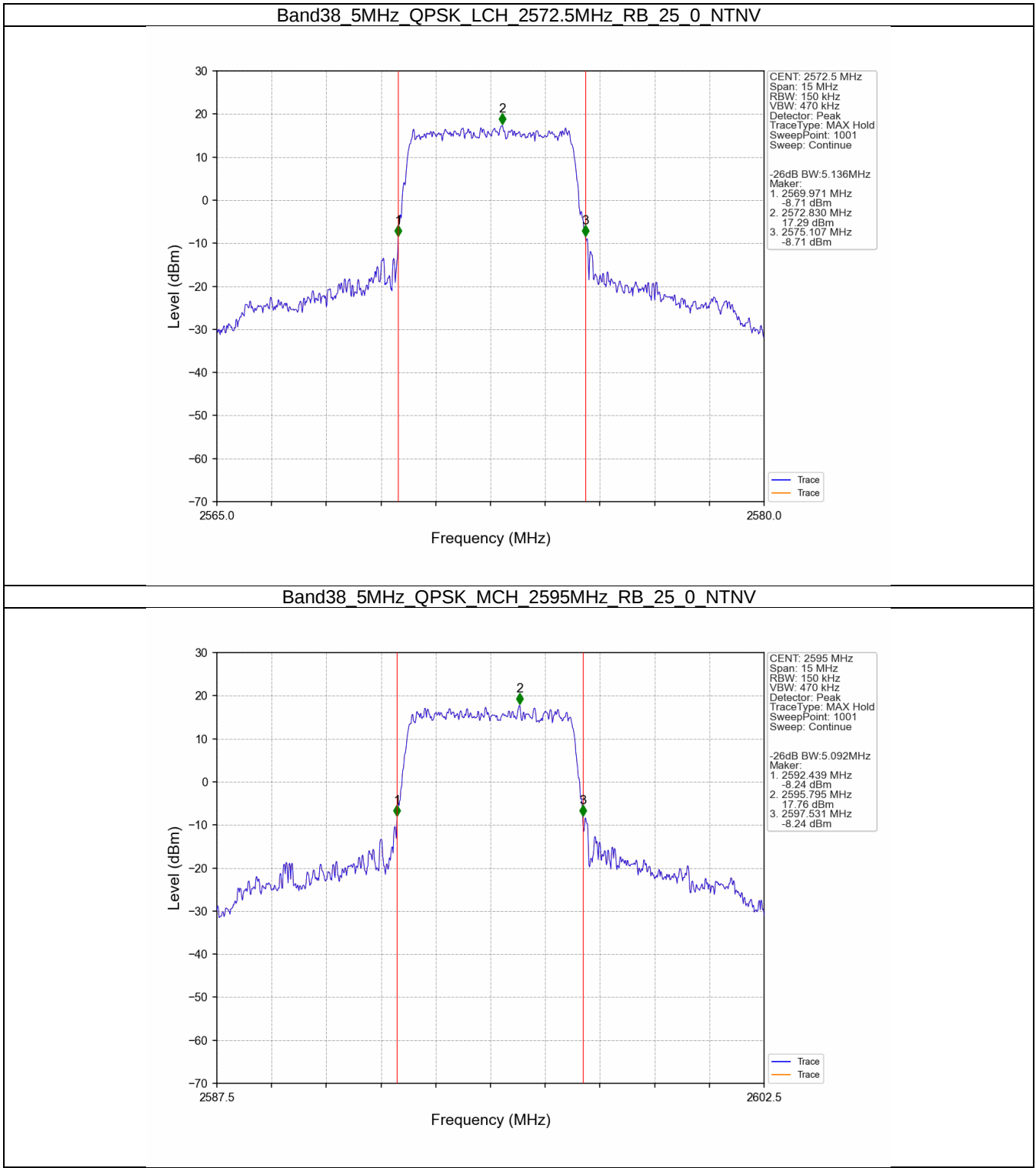
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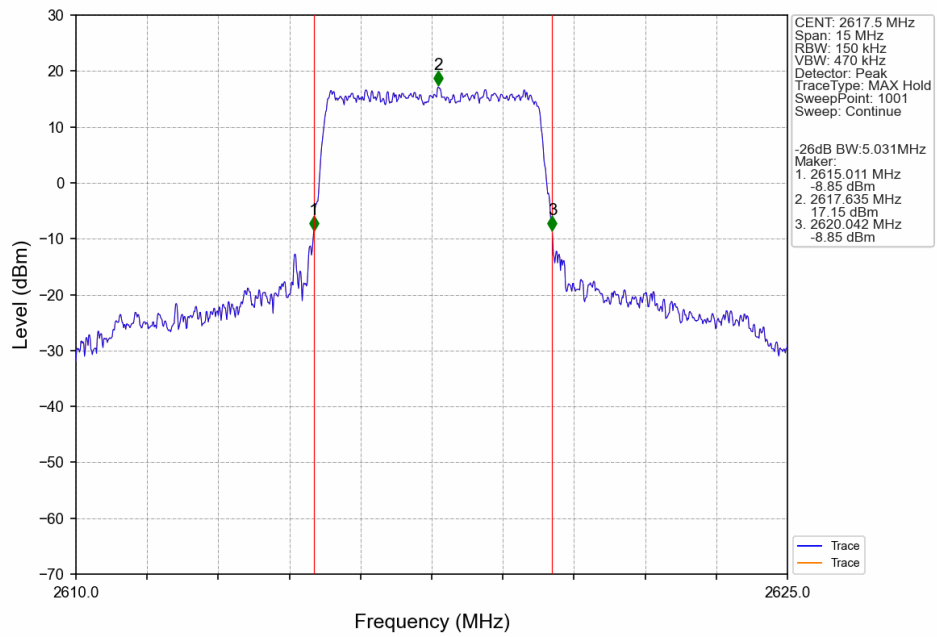
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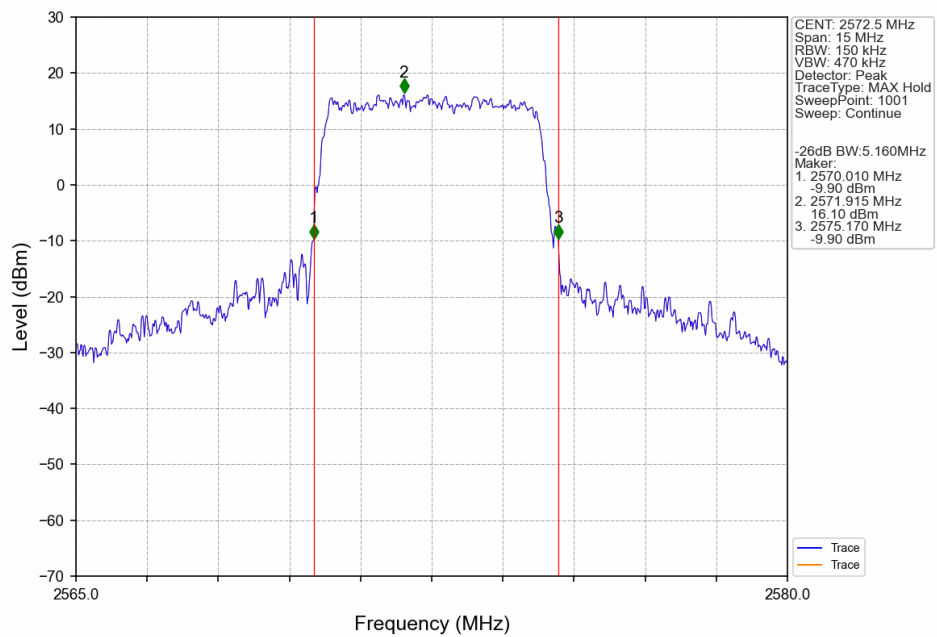
3.2.2 Band38_XDB



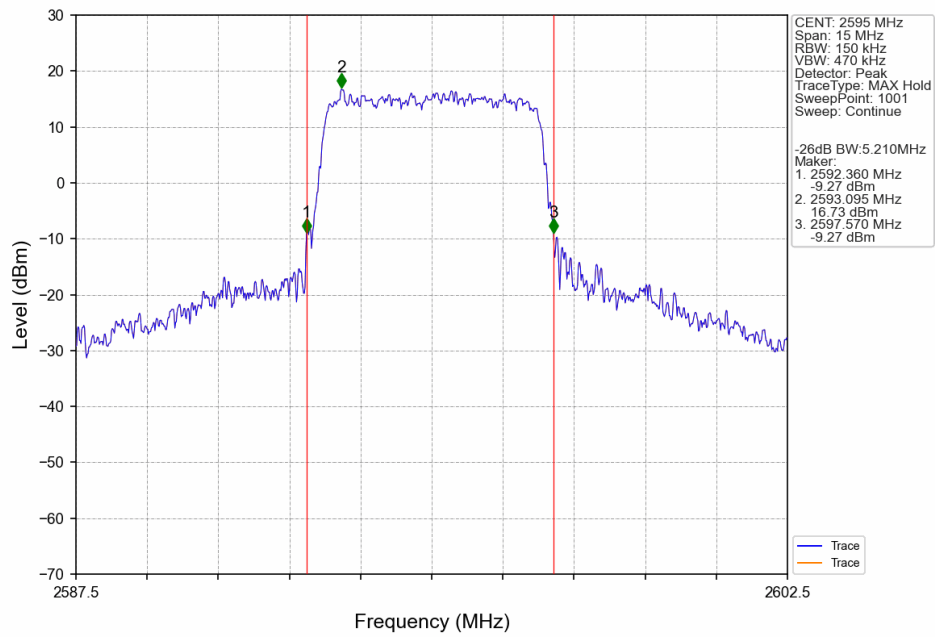
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



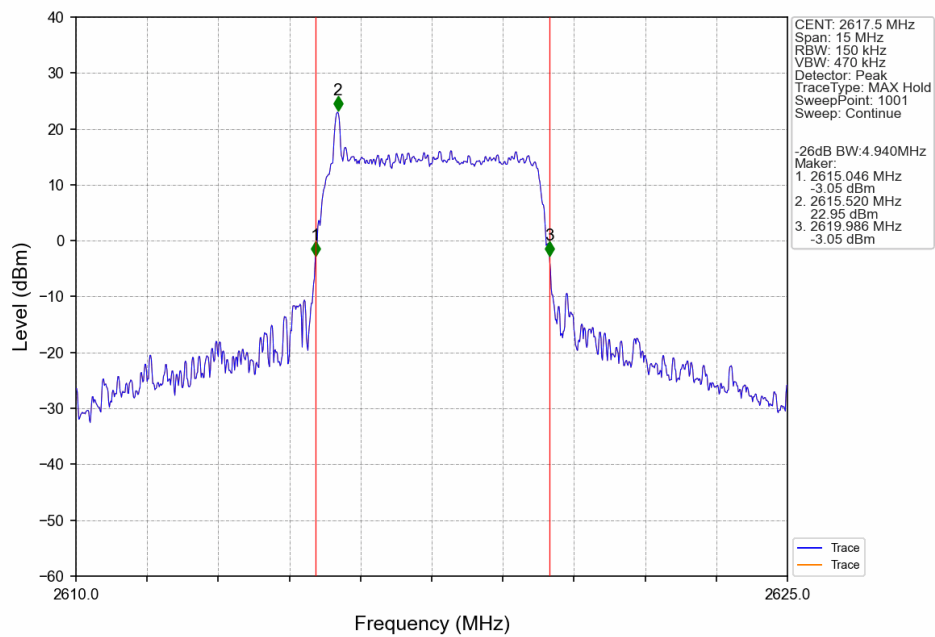
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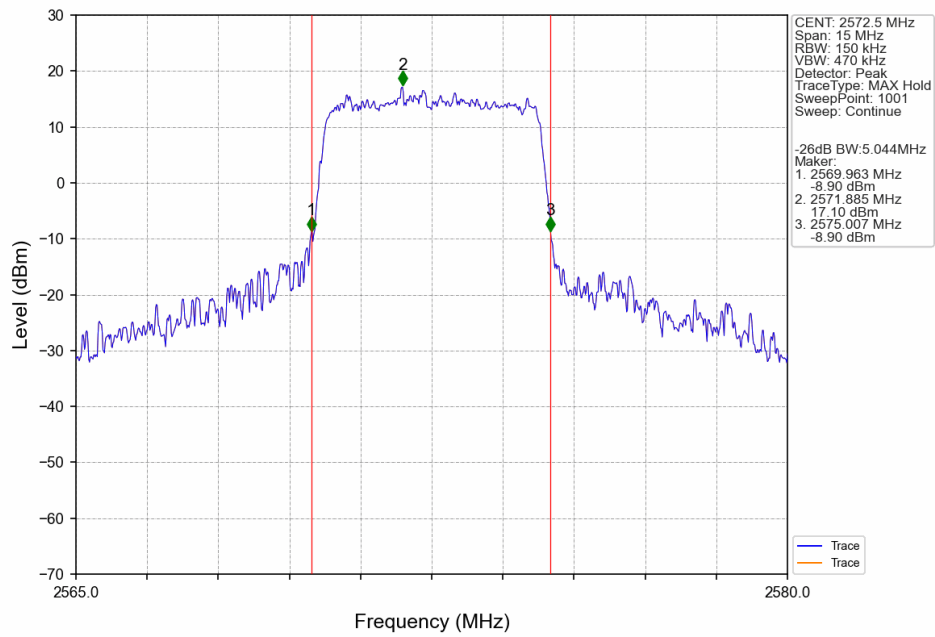
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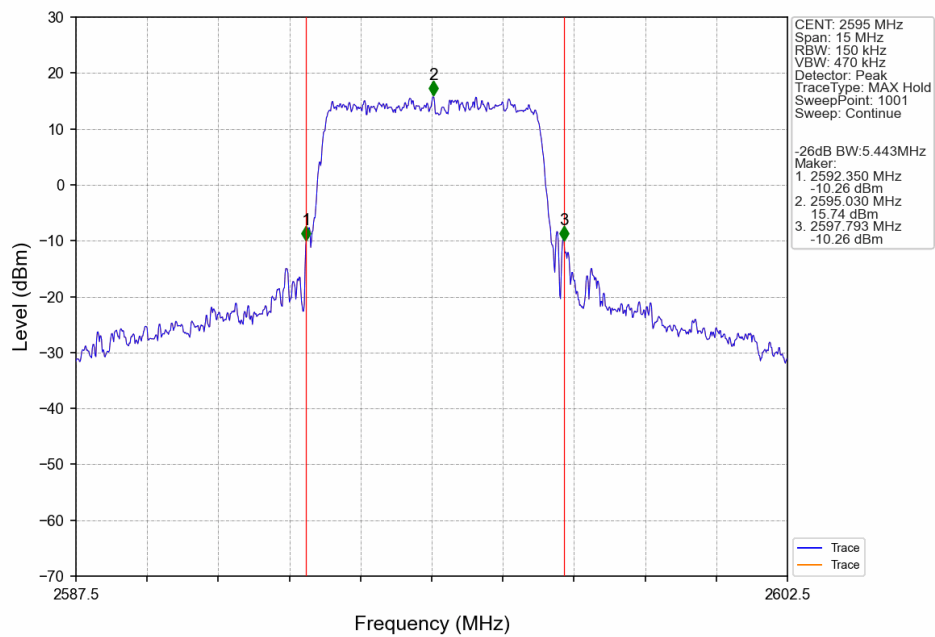
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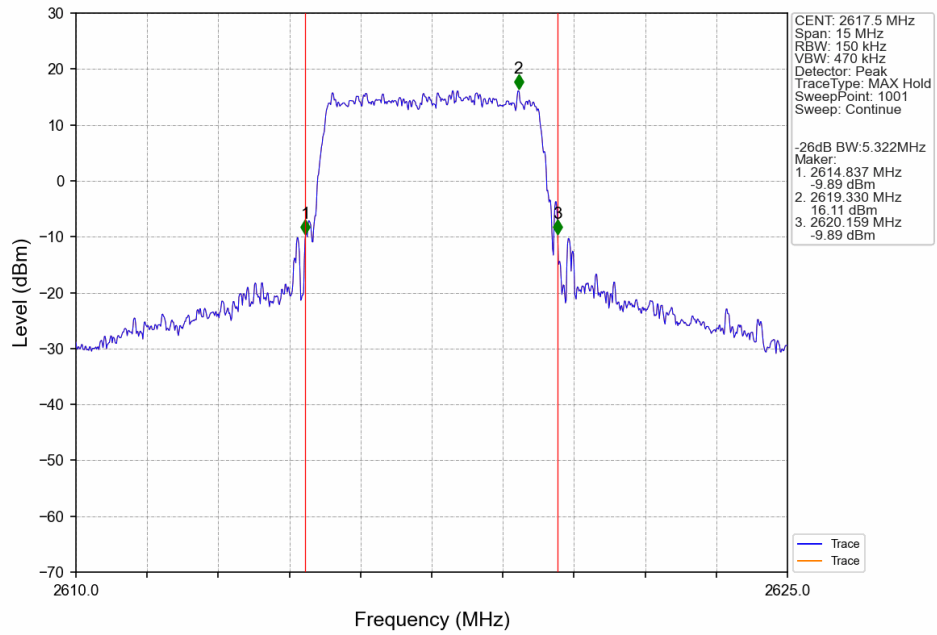
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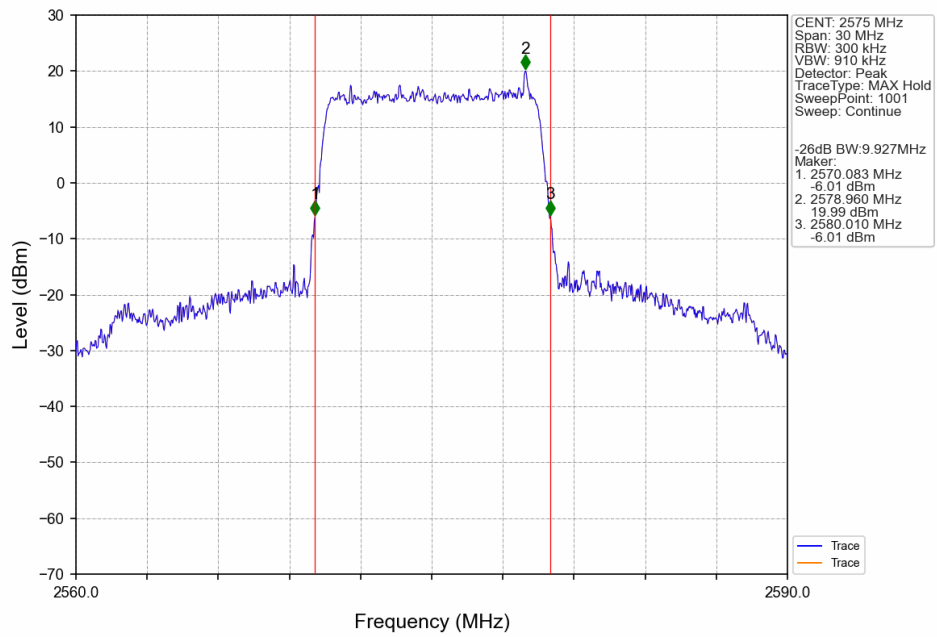
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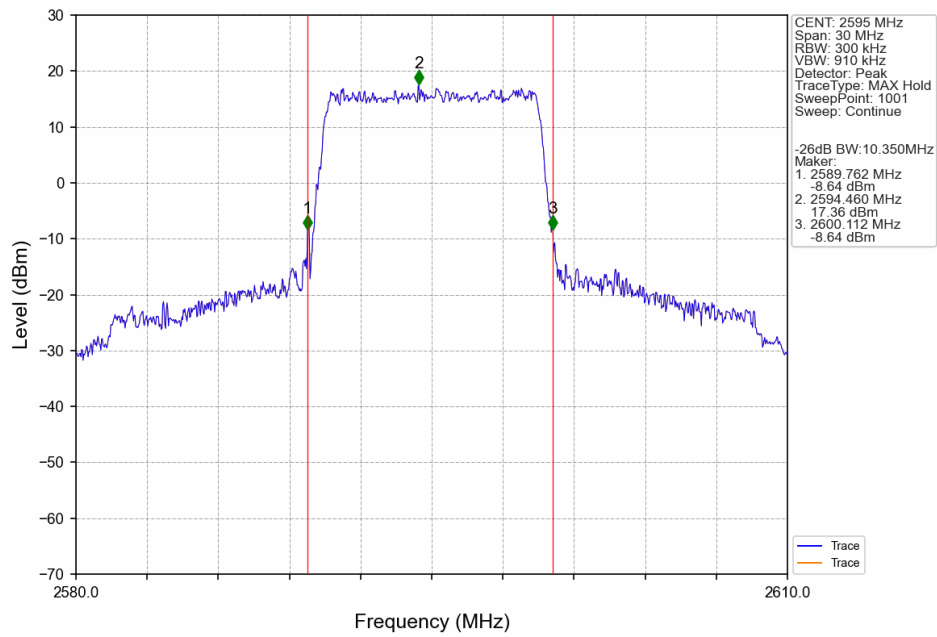
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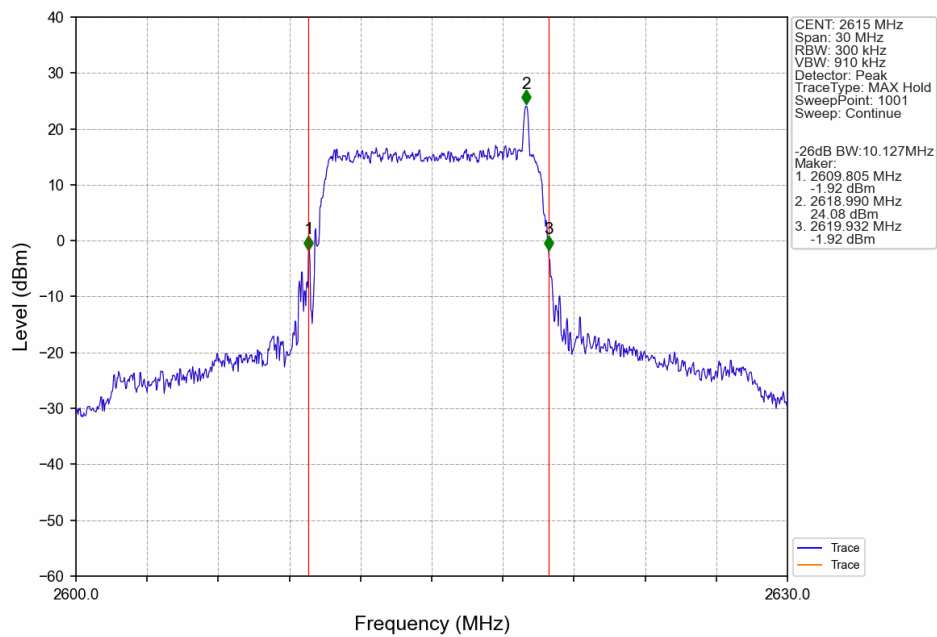
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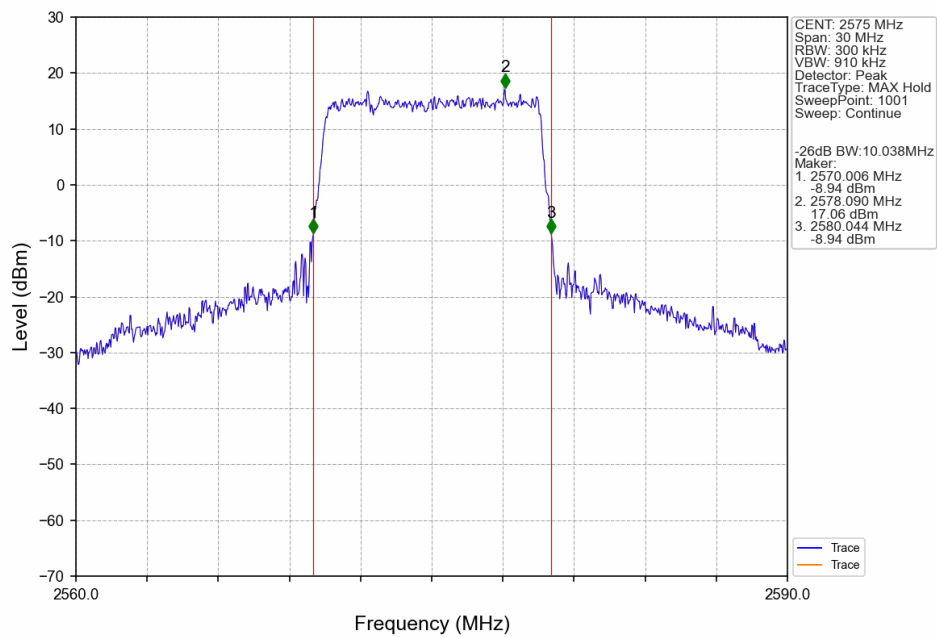
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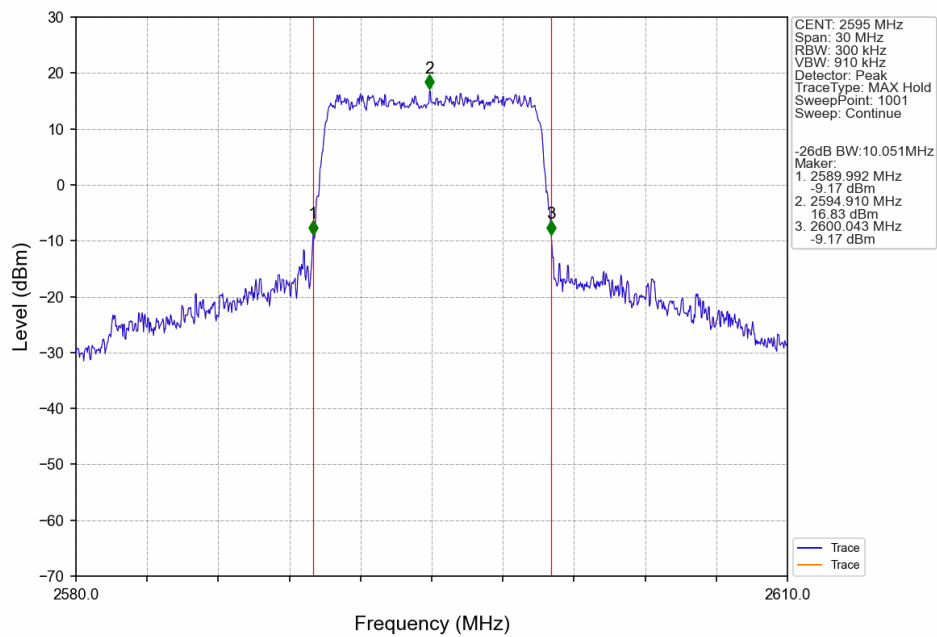
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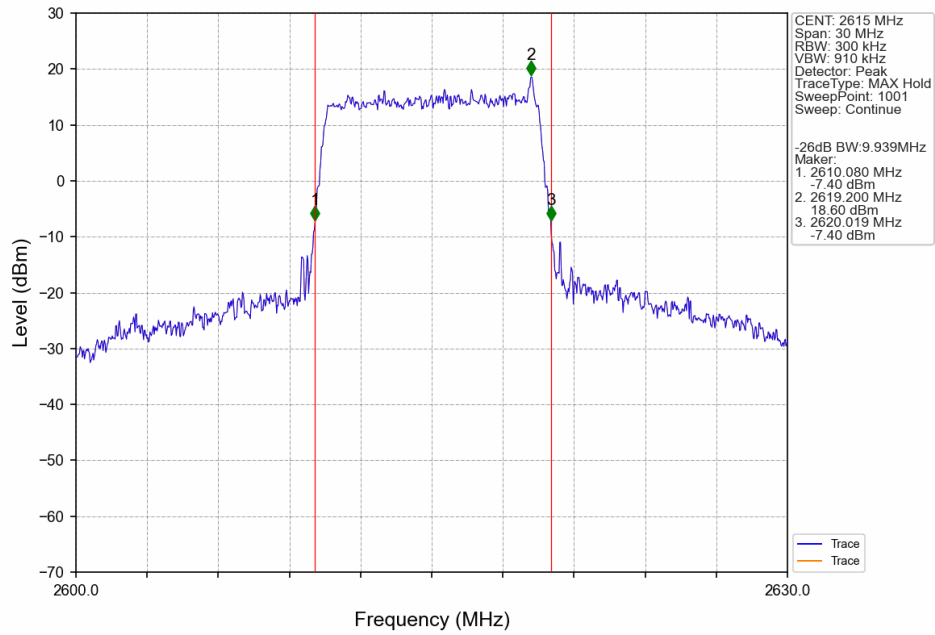
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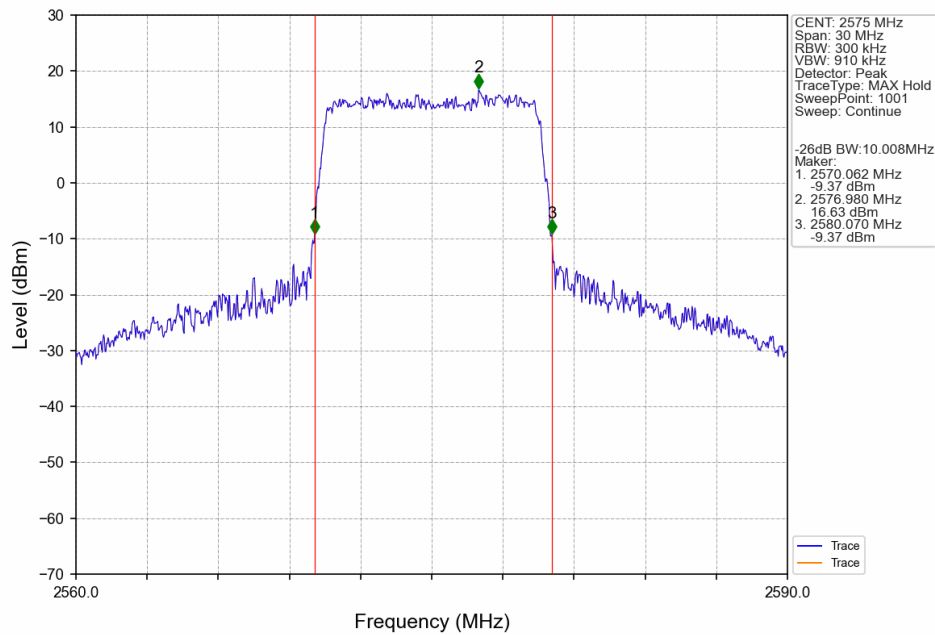
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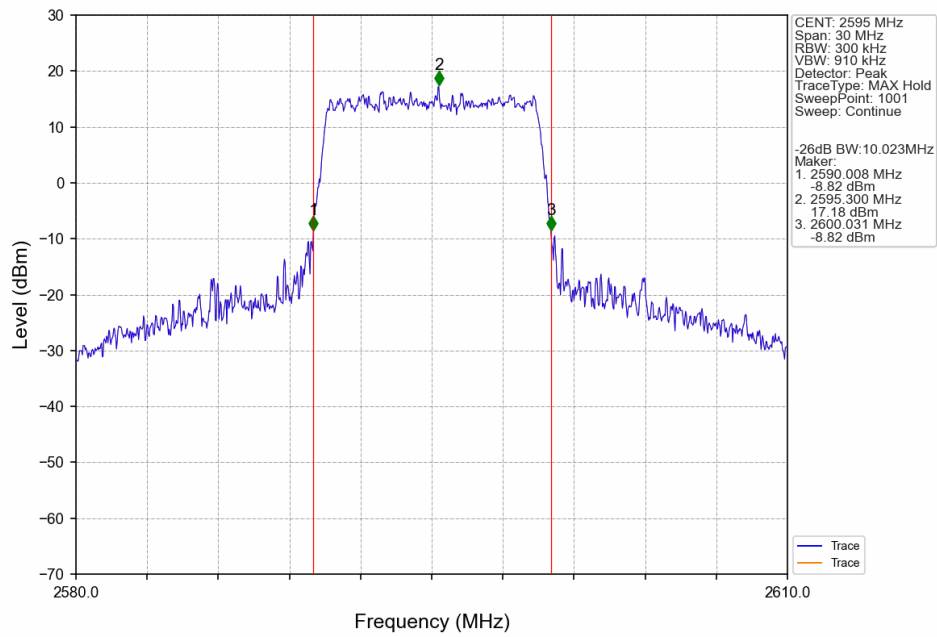
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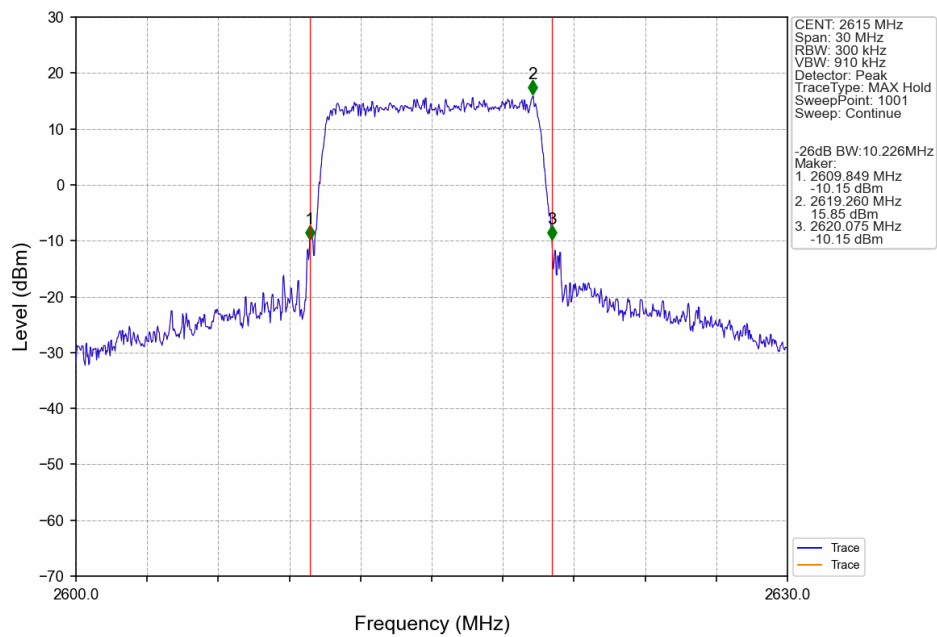
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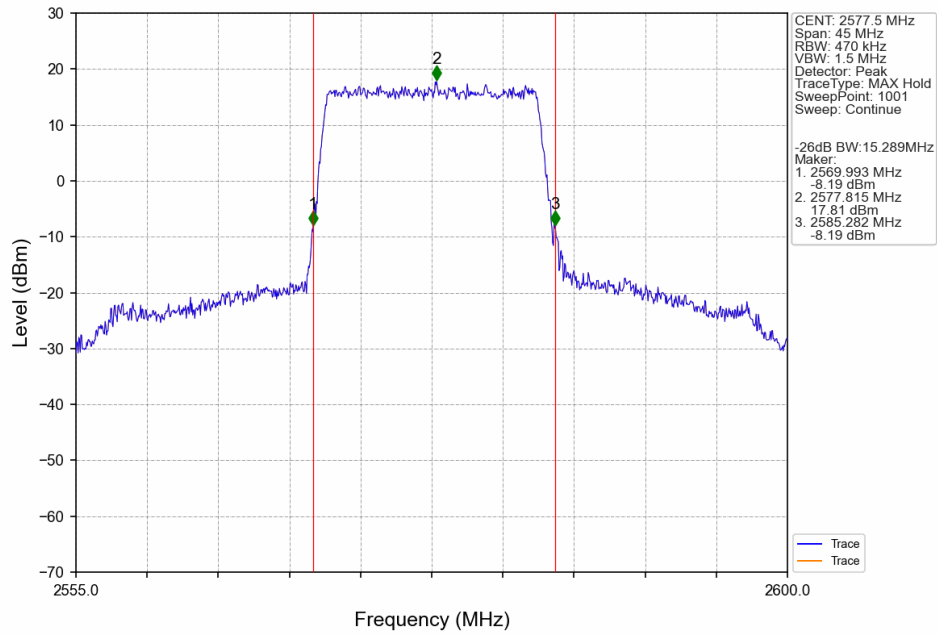
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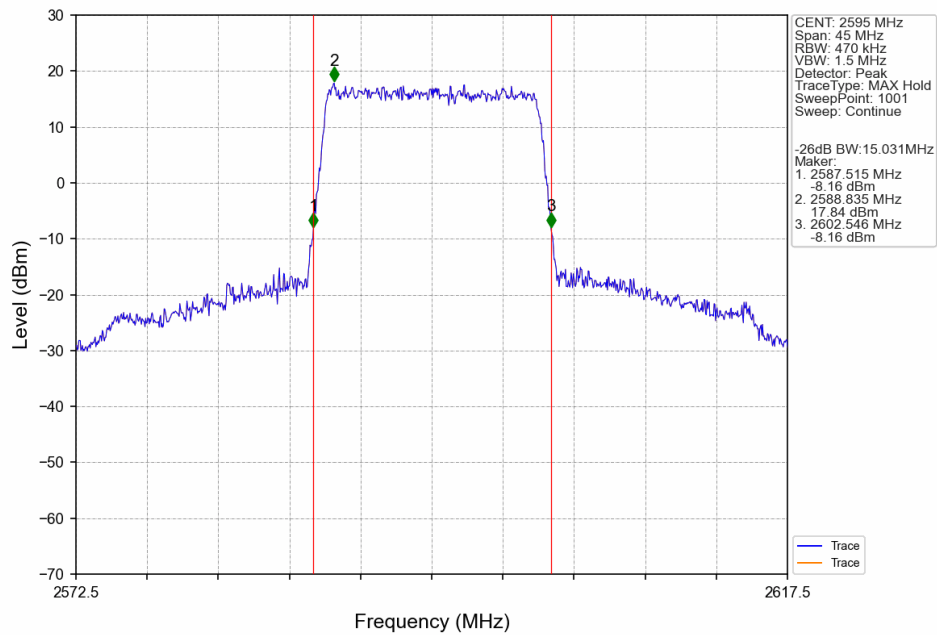
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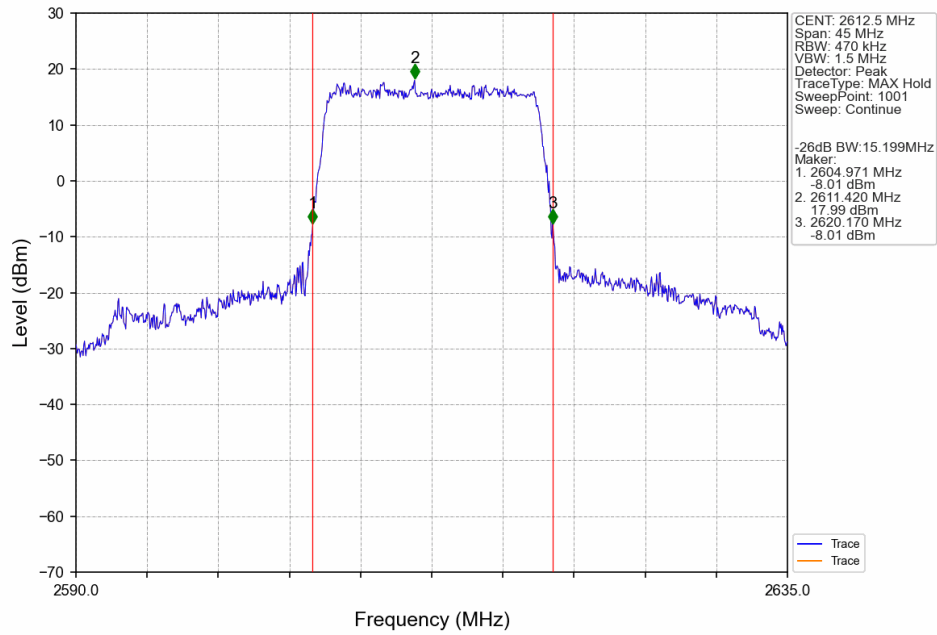
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN

