

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	23.28	0.66	23.94	<=33.01	Pass
			13	23.35	0.66	24.01	<=33.01	Pass
			24	23.18	0.66	23.84	<=33.01	Pass
		12	0	22.24	0.66	22.90	<=33.01	Pass
			6	22.32	0.66	22.98	<=33.01	Pass
			13	22.32	0.66	22.98	<=33.01	Pass
		25	0	22.22	0.66	22.88	<=33.01	Pass
	2595	1	0	23.31	0.66	23.97	<=33.01	Pass
			13	23.33	0.66	23.99	<=33.01	Pass
			24	23.19	0.66	23.85	<=33.01	Pass
		12	0	22.33	0.66	22.99	<=33.01	Pass
			6	22.44	0.66	23.10	<=33.01	Pass
			13	22.38	0.66	23.04	<=33.01	Pass
		25	0	22.30	0.66	22.96	<=33.01	Pass
	2617.5	1	0	23.13	0.66	23.79	<=33.01	Pass
			13	23.28	0.66	23.94	<=33.01	Pass
			24	23.12	0.66	23.78	<=33.01	Pass
		12	0	22.18	0.66	22.84	<=33.01	Pass
			6	22.12	0.66	22.78	<=33.01	Pass
			13	22.19	0.66	22.85	<=33.01	Pass
		25	0	22.19	0.66	22.85	<=33.01	Pass
16QAM	2572.5	1	0	22.21	0.66	22.87	<=33.01	Pass
			13	22.23	0.66	22.89	<=33.01	Pass
			24	22.21	0.66	22.87	<=33.01	Pass
		12	0	21.19	0.66	21.85	<=33.01	Pass
			6	21.28	0.66	21.94	<=33.01	Pass
			13	21.36	0.66	22.02	<=33.01	Pass
		25	0	21.26	0.66	21.92	<=33.01	Pass
	2595	1	0	22.31	0.66	22.97	<=33.01	Pass
			13	22.45	0.66	23.11	<=33.01	Pass
			24	22.30	0.66	22.96	<=33.01	Pass
		12	0	21.36	0.66	22.02	<=33.01	Pass
			6	21.44	0.66	22.10	<=33.01	Pass
			13	21.38	0.66	22.04	<=33.01	Pass
		25	0	21.34	0.66	22.00	<=33.01	Pass
	2617.5	1	0	22.24	0.66	22.90	<=33.01	Pass
			13	22.20	0.66	22.86	<=33.01	Pass
			24	22.22	0.66	22.88	<=33.01	Pass
		12	0	21.17	0.66	21.83	<=33.01	Pass
			6	21.17	0.66	21.83	<=33.01	Pass
			13	21.25	0.66	21.91	<=33.01	Pass
		25	0	21.16	0.66	21.82	<=33.01	Pass
64QAM	2572.5	1	0	21.08	0.66	21.74	<=33.01	Pass
			13	21.30	0.66	21.96	<=33.01	Pass
			24	21.12	0.66	21.78	<=33.01	Pass
		12	0	20.22	0.66	20.88	<=33.01	Pass
			6	20.35	0.66	21.01	<=33.01	Pass
			13	20.26	0.66	20.92	<=33.01	Pass
		25	0	20.29	0.66	20.95	<=33.01	Pass

	2595	1	0	21.33	0.66	21.99	<=33.01	Pass
			13	21.39	0.66	22.05	<=33.01	Pass
			24	21.37	0.66	22.03	<=33.01	Pass
		12	0	20.39	0.66	21.05	<=33.01	Pass
			6	20.43	0.66	21.09	<=33.01	Pass
			13	20.38	0.66	21.04	<=33.01	Pass
		25	0	20.36	0.66	21.02	<=33.01	Pass
	2617.5	1	0	21.27	0.66	21.93	<=33.01	Pass
			13	21.29	0.66	21.95	<=33.01	Pass
			24	21.18	0.66	21.84	<=33.01	Pass
		12	0	20.19	0.66	20.85	<=33.01	Pass
			6	20.16	0.66	20.82	<=33.01	Pass
			13	20.22	0.66	20.88	<=33.01	Pass
		25	0	20.18	0.66	20.84	<=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	23.21	0.66	23.87	<=33.01	Pass
			25	23.25	0.66	23.91	<=33.01	Pass
			49	23.20	0.66	23.86	<=33.01	Pass
		25	0	22.32	0.66	22.98	<=33.01	Pass
			13	22.34	0.66	23.00	<=33.01	Pass
			25	22.26	0.66	22.92	<=33.01	Pass
		50	0	22.35	0.66	23.01	<=33.01	Pass
	2595	1	0	23.32	0.66	23.98	<=33.01	Pass
			25	23.39	0.66	24.05	<=33.01	Pass
			49	23.32	0.66	23.98	<=33.01	Pass
		25	0	22.33	0.66	22.99	<=33.01	Pass
			13	22.37	0.66	23.03	<=33.01	Pass
			25	22.30	0.66	22.96	<=33.01	Pass
		50	0	22.39	0.66	23.05	<=33.01	Pass
	2615	1	0	23.24	0.66	23.90	<=33.01	Pass
			25	23.21	0.66	23.87	<=33.01	Pass
			49	23.17	0.66	23.83	<=33.01	Pass
		25	0	22.20	0.66	22.86	<=33.01	Pass
			13	22.23	0.66	22.89	<=33.01	Pass
			25	22.15	0.66	22.81	<=33.01	Pass
		50	0	22.19	0.66	22.85	<=33.01	Pass
16QAM	2575	1	0	22.23	0.66	22.89	<=33.01	Pass
			25	22.36	0.66	23.02	<=33.01	Pass
			49	22.28	0.66	22.94	<=33.01	Pass
		25	0	21.26	0.66	21.92	<=33.01	Pass
			13	21.31	0.66	21.97	<=33.01	Pass
			25	21.32	0.66	21.98	<=33.01	Pass
		50	0	21.32	0.66	21.98	<=33.01	Pass
	2595	1	0	22.28	0.66	22.94	<=33.01	Pass
			25	22.38	0.66	23.04	<=33.01	Pass
			49	22.28	0.66	22.94	<=33.01	Pass
		25	0	21.28	0.66	21.94	<=33.01	Pass
			13	21.41	0.66	22.07	<=33.01	Pass
			25	21.35	0.66	22.01	<=33.01	Pass
		50	0	21.38	0.66	22.04	<=33.01	Pass
	2615	1	0	22.31	0.66	22.97	<=33.01	Pass

			25	22.34	0.66	23.00	<=33.01	Pass		
			49	22.21	0.66	22.87	<=33.01	Pass		
		25	0	21.15	0.66	21.81	<=33.01	Pass		
			13	21.28	0.66	21.94	<=33.01	Pass		
			25	21.21	0.66	21.87	<=33.01	Pass		
		50	0	21.11	0.66	21.77	<=33.01	Pass		
64QAM	2575	1	0	21.19	0.66	21.85	<=33.01	Pass		
			25	21.33	0.66	21.99	<=33.01	Pass		
			49	21.29	0.66	21.95	<=33.01	Pass		
		25	0	20.26	0.66	20.92	<=33.01	Pass		
			13	20.34	0.66	21.00	<=33.01	Pass		
			25	20.32	0.66	20.98	<=33.01	Pass		
		50	0	20.30	0.66	20.96	<=33.01	Pass		
		2595	1	0	21.37	0.66	22.03	<=33.01	Pass	
				25	21.31	0.66	21.97	<=33.01	Pass	
				49	21.24	0.66	21.90	<=33.01	Pass	
	25		0	20.28	0.66	20.94	<=33.01	Pass		
			13	20.43	0.66	21.09	<=33.01	Pass		
			25	20.36	0.66	21.02	<=33.01	Pass		
	50		0	20.39	0.66	21.05	<=33.01	Pass		
	2615		1	0	21.25	0.66	21.91	<=33.01	Pass	
				25	21.23	0.66	21.89	<=33.01	Pass	
				49	21.21	0.66	21.87	<=33.01	Pass	
		25	0	20.14	0.66	20.80	<=33.01	Pass		
			13	20.28	0.66	20.94	<=33.01	Pass		
			25	20.27	0.66	20.93	<=33.01	Pass		
		50	0	20.18	0.66	20.84	<=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	23.08	0.66	23.74	<=33.01	Pass
			38	23.16	0.66	23.82	<=33.01	Pass
			74	23.08	0.66	23.74	<=33.01	Pass
		36	0	22.06	0.66	22.72	<=33.01	Pass
			18	22.18	0.66	22.84	<=33.01	Pass
			39	22.23	0.66	22.89	<=33.01	Pass
		75	0	22.17	0.66	22.83	<=33.01	Pass
	2595	1	0	23.15	0.66	23.81	<=33.01	Pass
			38	23.15	0.66	23.81	<=33.01	Pass
			74	23.07	0.66	23.73	<=33.01	Pass
		36	0	22.18	0.66	22.84	<=33.01	Pass
			18	22.18	0.66	22.84	<=33.01	Pass
			39	22.12	0.66	22.78	<=33.01	Pass
		75	0	22.15	0.66	22.81	<=33.01	Pass
	2612.5	1	0	23.10	0.66	23.76	<=33.01	Pass
			38	22.97	0.66	23.63	<=33.01	Pass
			74	22.84	0.66	23.50	<=33.01	Pass
		36	0	22.02	0.66	22.68	<=33.01	Pass
			18	22.05	0.66	22.71	<=33.01	Pass
			39	22.06	0.66	22.72	<=33.01	Pass
		75	0	21.98	0.66	22.64	<=33.01	Pass
16QAM	2577.5	1	0	22.18	0.66	22.84	<=33.01	Pass
			38	22.25	0.66	22.91	<=33.01	Pass

			74	22.25	0.66	22.91	<=33.01	Pass	
			36	0	21.10	0.66	21.76	<=33.01	Pass
				18	21.23	0.66	21.89	<=33.01	Pass
				39	21.24	0.66	21.90	<=33.01	Pass
				75	0	21.17	0.66	21.83	<=33.01
		2595	1	0	22.14	0.66	22.80	<=33.01	Pass
				38	22.13	0.66	22.79	<=33.01	Pass
				74	22.08	0.66	22.74	<=33.01	Pass
			36	0	21.18	0.66	21.84	<=33.01	Pass
				18	21.19	0.66	21.85	<=33.01	Pass
	39	21.21		0.66	21.87	<=33.01	Pass		
	75	0	21.23	0.66	21.89	<=33.01	Pass		
	2612.5	1	0	22.00	0.66	22.66	<=33.01	Pass	
			38	21.95	0.66	22.61	<=33.01	Pass	
			74	21.92	0.66	22.58	<=33.01	Pass	
		36	0	21.07	0.66	21.73	<=33.01	Pass	
			18	21.06	0.66	21.72	<=33.01	Pass	
			39	21.06	0.66	21.72	<=33.01	Pass	
		75	0	21.06	0.66	21.72	<=33.01	Pass	
		64QAM	2577.5	1	0	21.15	0.66	21.81	<=33.01
	38				21.19	0.66	21.85	<=33.01	Pass
	74				21.06	0.66	21.72	<=33.01	Pass
	36			0	20.17	0.66	20.83	<=33.01	Pass
				18	20.20	0.66	20.86	<=33.01	Pass
				39	20.25	0.66	20.91	<=33.01	Pass
	75			0	20.19	0.66	20.85	<=33.01	Pass
	2595		1	0	21.23	0.66	21.89	<=33.01	Pass
				38	21.20	0.66	21.86	<=33.01	Pass
				74	20.93	0.66	21.59	<=33.01	Pass
			36	0	20.18	0.66	20.84	<=33.01	Pass
18				20.22	0.66	20.88	<=33.01	Pass	
39		20.17		0.66	20.83	<=33.01	Pass		
75	0	20.25	0.66	20.91	<=33.01	Pass			
2612.5	1	0	21.09	0.66	21.75	<=33.01	Pass		
		38	20.90	0.66	21.56	<=33.01	Pass		
		74	21.02	0.66	21.68	<=33.01	Pass		
	36	0	20.05	0.66	20.71	<=33.01	Pass		
		18	20.03	0.66	20.69	<=33.01	Pass		
		39	20.10	0.66	20.76	<=33.01	Pass		
	75	0	20.01	0.66	20.67	<=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	23.13	0.66	23.79	<=33.01	Pass
			50	23.14	0.66	23.80	<=33.01	Pass
			99	23.12	0.66	23.78	<=33.01	Pass
		50	0	22.24	0.66	22.90	<=33.01	Pass
			25	22.21	0.66	22.87	<=33.01	Pass
			50	22.25	0.66	22.91	<=33.01	Pass
		100	0	22.24	0.66	22.90	<=33.01	Pass
	2595	1	0	23.17	0.66	23.83	<=33.01	Pass
			50	23.09	0.66	23.75	<=33.01	Pass
			99	22.94	0.66	23.60	<=33.01	Pass

		50	0	22.15	0.66	22.81	<=33.01	Pass		
			25	22.30	0.66	22.96	<=33.01	Pass		
			50	22.22	0.66	22.88	<=33.01	Pass		
		100	0	22.21	0.66	22.87	<=33.01	Pass		
			50	23.00	0.66	23.66	<=33.01	Pass		
			99	22.93	0.66	23.59	<=33.01	Pass		
	50	0	22.12	0.66	22.78	<=33.01	Pass			
		25	22.02	0.66	22.68	<=33.01	Pass			
		50	22.02	0.66	22.68	<=33.01	Pass			
	100	0	22.08	0.66	22.74	<=33.01	Pass			
	16QAM	2580	1	0	22.22	0.66	22.88	<=33.01	Pass	
				50	22.11	0.66	22.77	<=33.01	Pass	
99				22.10	0.66	22.76	<=33.01	Pass		
50			0	21.25	0.66	21.91	<=33.01	Pass		
			25	21.23	0.66	21.89	<=33.01	Pass		
			50	21.25	0.66	21.91	<=33.01	Pass		
100			0	21.20	0.66	21.86	<=33.01	Pass		
2595			1	0	22.02	0.66	22.68	<=33.01	Pass	
				50	22.10	0.66	22.76	<=33.01	Pass	
		99		21.98	0.66	22.64	<=33.01	Pass		
		50	0	21.16	0.66	21.82	<=33.01	Pass		
			25	21.29	0.66	21.95	<=33.01	Pass		
			50	21.19	0.66	21.85	<=33.01	Pass		
		100	0	21.20	0.66	21.86	<=33.01	Pass		
		2610	1	0	22.23	0.66	22.89	<=33.01	Pass	
				50	22.26	0.66	22.92	<=33.01	Pass	
99				22.06	0.66	22.72	<=33.01	Pass		
50			0	21.13	0.66	21.79	<=33.01	Pass		
			25	21.06	0.66	21.72	<=33.01	Pass		
			50	21.07	0.66	21.73	<=33.01	Pass		
100			0	21.06	0.66	21.72	<=33.01	Pass		
64QAM			2580	1	0	21.12	0.66	21.78	<=33.01	Pass
					50	21.13	0.66	21.79	<=33.01	Pass
		99			21.23	0.66	21.89	<=33.01	Pass	
		50		0	20.21	0.66	20.87	<=33.01	Pass	
				25	20.23	0.66	20.89	<=33.01	Pass	
				50	20.24	0.66	20.90	<=33.01	Pass	
	100	0		20.22	0.66	20.88	<=33.01	Pass		
	2595	1		0	21.19	0.66	21.85	<=33.01	Pass	
				50	21.27	0.66	21.93	<=33.01	Pass	
			99	21.07	0.66	21.73	<=33.01	Pass		
		50	0	20.23	0.66	20.89	<=33.01	Pass		
			25	20.27	0.66	20.93	<=33.01	Pass		
			50	20.19	0.66	20.85	<=33.01	Pass		
		100	0	20.23	0.66	20.89	<=33.01	Pass		
		2610	1	0	21.11	0.66	21.77	<=33.01	Pass	
				50	21.08	0.66	21.74	<=33.01	Pass	
	99			21.00	0.66	21.66	<=33.01	Pass		
	50		0	20.11	0.66	20.77	<=33.01	Pass		
			25	20.06	0.66	20.72	<=33.01	Pass		
			50	20.08	0.66	20.74	<=33.01	Pass		
	100		0	20.05	0.66	20.71	<=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	6.100	0.0024	-2.5 to 2.5	Pass
					3.92	0.400	0.0002	-2.5 to 2.5	Pass
					4.53	3.600	0.0014	-2.5 to 2.5	Pass
				-30	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				-20	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				-10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				0	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				10	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				30	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				40	3.92	5.500	0.0021	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	-3.600	-0.0014	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.53	1.000	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	3.900	0.0015	-2.5 to 2.5	Pass
				-10	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				0	3.92	5.700	0.0022	-2.5 to 2.5	Pass
				10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				30	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				40	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	0.700	0.0003	-2.5 to 2.5	Pass
					3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
					4.53	6.400	0.0024	-2.5 to 2.5	Pass
				-30	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				-10	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				0	3.92	-4.700	-0.0018	-2.5 to 2.5	Pass
				10	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				30	3.92	5.000	0.0019	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.6	6.300	0.0024	-2.5 to 2.5	Pass
					3.92	7.300	0.0028	-2.5 to 2.5	Pass
					4.53	5.900	0.0023	-2.5 to 2.5	Pass
				-30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				-20	3.92	4.300	0.0017	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				0	3.92	6.300	0.0024	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				40	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				50	3.92	4.200	0.0016	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	2.200	0.0008	-2.5 to 2.5	Pass
					3.92	-5.900	-0.0023	-2.5 to 2.5	Pass
					4.53	-3.300	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				-20	3.92	1.800	0.0007	-2.5 to 2.5	Pass

				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.92	6.300	0.0024	-2.5 to 2.5	Pass
					4.53	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	3.000	0.0011	-2.5 to 2.5	Pass
				-20	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				40	3.92	3.900	0.0015	-2.5 to 2.5	Pass
				50	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
64QAM	2572.5	25	0	20	3.6	6.500	0.0025	-2.5 to 2.5	Pass
					3.92	-10.700	-0.0042	-2.5 to 2.5	Pass
					4.53	-14.000	-0.0054	-2.5 to 2.5	Pass
				-30	3.92	10.300	0.0040	-2.5 to 2.5	Pass
				-20	3.92	-11.200	-0.0044	-2.5 to 2.5	Pass
				-10	3.92	33.100	0.0129	-2.5 to 2.5	Pass
				0	3.92	19.200	0.0075	-2.5 to 2.5	Pass
				10	3.92	25.600	0.0100	-2.5 to 2.5	Pass
				30	3.92	-34.500	-0.0134	-2.5 to 2.5	Pass
				40	3.92	-31.100	-0.0121	-2.5 to 2.5	Pass
				50	3.92	-8.000	-0.0031	-2.5 to 2.5	Pass
	2595	25	0	20	3.6	31.100	0.0120	-2.5 to 2.5	Pass
					3.92	22.700	0.0087	-2.5 to 2.5	Pass
					4.53	17.400	0.0067	-2.5 to 2.5	Pass
				-30	3.92	14.000	0.0054	-2.5 to 2.5	Pass
				-20	3.92	-29.100	-0.0112	-2.5 to 2.5	Pass
				-10	3.92	-9.000	-0.0035	-2.5 to 2.5	Pass
				0	3.92	-32.300	-0.0124	-2.5 to 2.5	Pass
				10	3.92	-22.200	-0.0086	-2.5 to 2.5	Pass
				30	3.92	20.400	0.0079	-2.5 to 2.5	Pass
				40	3.92	22.200	0.0086	-2.5 to 2.5	Pass
				50	3.92	-34.000	-0.0131	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.6	13.500	0.0052	-2.5 to 2.5	Pass
					3.92	-12.100	-0.0046	-2.5 to 2.5	Pass
					4.53	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-14.800	-0.0057	-2.5 to 2.5	Pass
				-20	3.92	16.000	0.0061	-2.5 to 2.5	Pass
				-10	3.92	15.100	0.0058	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				10	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				40	3.92	17.700	0.0068	-2.5 to 2.5	Pass
				50	3.92	15.800	0.0060	-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	-3.400	-0.0013	-2.5 to 2.5	Pass

					3.92	1.700	0.0007	-2.5 to 2.5	Pass
					4.53	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				-20	3.92	2.800	0.0011	-2.5 to 2.5	Pass
				-10	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				30	3.92	3.400	0.0013	-2.5 to 2.5	Pass
				40	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0004	-2.5 to 2.5	Pass
	2595	50	0	20	3.6	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	0.800	0.0003	-2.5 to 2.5	Pass
					4.53	1.000	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				0	3.92	7.400	0.0029	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				30	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				50	3.92	4.000	0.0015	-2.5 to 2.5	Pass
	2615	50	0	20	3.6	-1.900	-0.0007	-2.5 to 2.5	Pass
					3.92	3.800	0.0015	-2.5 to 2.5	Pass
					4.53	-0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-4.900	-0.0019	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				0	3.92	4.700	0.0018	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.6	-4.300	-0.0017	-2.5 to 2.5	Pass
					3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
					4.53	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.92	-4.600	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
	2595	50	0	20	3.6	0.800	0.0003	-2.5 to 2.5	Pass
					3.92	1.100	0.0004	-2.5 to 2.5	Pass
					4.53	-3.400	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	-5.800	-0.0022	-2.5 to 2.5	Pass
				0	3.92	2.200	0.0008	-2.5 to 2.5	Pass
				10	3.92	5.200	0.0020	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				50	3.92	6.500	0.0025	-2.5 to 2.5	Pass
	2615	50	0	20	3.6	3.400	0.0013	-2.5 to 2.5	Pass
					3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
					4.53	6.200	0.0024	-2.5 to 2.5	Pass
				-30	3.92	4.100	0.0016	-2.5 to 2.5	Pass
				-20	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass

64QAM				-10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				0	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				10	3.92	3.000	0.0011	-2.5 to 2.5	Pass
				30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				40	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
	2575	50	0	50	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				20	3.6	-7.400	-0.0029	-2.5 to 2.5	Pass
					3.92	2.200	0.0009	-2.5 to 2.5	Pass
					4.53	-2.000	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	9.700	0.0038	-2.5 to 2.5	Pass
				-20	3.92	7.400	0.0029	-2.5 to 2.5	Pass
				-10	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	13.600	0.0053	-2.5 to 2.5	Pass
				30	3.92	5.100	0.0020	-2.5 to 2.5	Pass
	2595	50	0	40	3.92	4.400	0.0017	-2.5 to 2.5	Pass
				50	3.92	11.200	0.0043	-2.5 to 2.5	Pass
				20	3.6	-1.000	-0.0004	-2.5 to 2.5	Pass
					3.92	2.800	0.0011	-2.5 to 2.5	Pass
					4.53	11.300	0.0044	-2.5 to 2.5	Pass
				-30	3.92	13.500	0.0052	-2.5 to 2.5	Pass
				-20	3.92	-11.900	-0.0046	-2.5 to 2.5	Pass
				-10	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				0	3.92	6.200	0.0024	-2.5 to 2.5	Pass
				10	3.92	22.300	0.0086	-2.5 to 2.5	Pass
	2615	50	0	30	3.92	18.400	0.0071	-2.5 to 2.5	Pass
				40	3.92	13.400	0.0052	-2.5 to 2.5	Pass
				50	3.92	14.600	0.0056	-2.5 to 2.5	Pass
				20	3.6	-3.400	-0.0013	-2.5 to 2.5	Pass
					3.92	13.200	0.0050	-2.5 to 2.5	Pass
					4.53	18.800	0.0072	-2.5 to 2.5	Pass
				-30	3.92	5.900	0.0023	-2.5 to 2.5	Pass
				-20	3.92	4.100	0.0016	-2.5 to 2.5	Pass
				-10	3.92	9.000	0.0034	-2.5 to 2.5	Pass
				0	3.92	7.400	0.0028	-2.5 to 2.5	Pass
				10	3.92	20.100	0.0077	-2.5 to 2.5	Pass
				30	3.92	-5.400	-0.0021	-2.5 to 2.5	Pass
				40	3.92	-15.000	-0.0057	-2.5 to 2.5	Pass
				50	3.92	-17.300	-0.0066	-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	-1.500	-0.0006	-2.5 to 2.5	Pass
					3.92	-6.200	-0.0024	-2.5 to 2.5	Pass
					4.53	2.500	0.0010	-2.5 to 2.5	Pass
				-30	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				-20	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				10	3.92	-4.300	-0.0017	-2.5 to 2.5	Pass
				30	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				40	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				50	3.92	0.800	0.0003	-2.5 to 2.5	Pass
	2595	75	0	20	3.6	2.900	0.0011	-2.5 to 2.5	Pass

					3.92	1.300	0.0005	-2.5 to 2.5	Pass
					4.53	1.500	0.0006	-2.5 to 2.5	Pass
				-30	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-10	3.92	4.000	0.0015	-2.5 to 2.5	Pass
				0	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				40	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				50	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.6	-2.800	-0.0011	-2.5 to 2.5	Pass
					3.92	0.700	0.0003	-2.5 to 2.5	Pass
					4.53	-2.800	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	2.200	0.0008	-2.5 to 2.5	Pass
				10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	4.000	0.0015	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.6	0.300	0.0001	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
					4.53	-1.000	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	3.500	0.0014	-2.5 to 2.5	Pass
				-20	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				-10	3.92	4.200	0.0016	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				50	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
	2595	75	0	20	3.6	2.900	0.0011	-2.5 to 2.5	Pass
					3.92	4.900	0.0019	-2.5 to 2.5	Pass
					4.53	-2.100	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				40	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				50	3.92	1.800	0.0007	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.6	-0.700	-0.0003	-2.5 to 2.5	Pass
					3.92	-4.200	-0.0016	-2.5 to 2.5	Pass
					4.53	2.100	0.0008	-2.5 to 2.5	Pass
				-30	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				-20	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				0	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-4.200	-0.0016	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
64QAM	2577.5	75	0	20	3.6	-1.700	-0.0007	-2.5 to 2.5	Pass
					3.92	1.600	0.0006	-2.5 to 2.5	Pass
					4.53	-7.900	-0.0031	-2.5 to 2.5	Pass
				-30	3.92	-18.600	-0.0072	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass

				-10	3.92	-8.400	-0.0033	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-10.200	-0.0040	-2.5 to 2.5	Pass
				30	3.92	6.200	0.0024	-2.5 to 2.5	Pass
				40	3.92	11.600	0.0045	-2.5 to 2.5	Pass
				50	3.92	-10.700	-0.0042	-2.5 to 2.5	Pass
	2595	75	0	20	3.6	4.300	0.0017	-2.5 to 2.5	Pass
					3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
					4.53	-1.200	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	-5.000	-0.0019	-2.5 to 2.5	Pass
				0	3.92	-15.700	-0.0061	-2.5 to 2.5	Pass
				10	3.92	-5.400	-0.0021	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	14.000	0.0054	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.6	2.900	0.0011	-2.5 to 2.5	Pass
					3.92	-9.900	-0.0038	-2.5 to 2.5	Pass
					4.53	-6.900	-0.0026	-2.5 to 2.5	Pass
				-30	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				-20	3.92	10.000	0.0038	-2.5 to 2.5	Pass
				-10	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				0	3.92	15.300	0.0059	-2.5 to 2.5	Pass
				10	3.92	-8.600	-0.0033	-2.5 to 2.5	Pass
				30	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				50	3.92	2.200	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	2580	100	0	20	3.6	3.200	0.0012	-2.5 to 2.5	Pass
					3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
					4.53	-1.000	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	1.800	0.0007	-2.5 to 2.5	Pass
					3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
					4.53	0.400	0.0002	-2.5 to 2.5	Pass
				-30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				0	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				10	3.92	4.200	0.0016	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	3.92	0.000	0.0000	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	-2.100	-0.0008	-2.5 to 2.5	Pass

					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	-0.600	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				-20	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				-10	3.92	4.700	0.0018	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				30	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				40	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				50	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.6	-3.400	-0.0013	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
					4.53	-5.500	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				0	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				40	3.92	-7.500	-0.0029	-2.5 to 2.5	Pass
				50	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	4.200	0.0016	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
					4.53	0.800	0.0003	-2.5 to 2.5	Pass
				-30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				-20	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				30	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				40	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				50	3.92	2.300	0.0009	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	-4.200	-0.0016	-2.5 to 2.5	Pass
					3.92	32.700	0.0125	-2.5 to 2.5	Pass
					4.53	-0.700	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				-10	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				10	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				30	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				40	3.92	3.500	0.0013	-2.5 to 2.5	Pass
				50	3.92	0.100	0.0000	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	3.6	12.900	0.0050	-2.5 to 2.5	Pass
					3.92	1.700	0.0007	-2.5 to 2.5	Pass
					4.53	-3.700	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-7.800	-0.0030	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	8.500	0.0033	-2.5 to 2.5	Pass
				0	3.92	-11.100	-0.0043	-2.5 to 2.5	Pass
				10	3.92	-12.300	-0.0048	-2.5 to 2.5	Pass
				30	3.92	3.500	0.0014	-2.5 to 2.5	Pass
				40	3.92	-12.100	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-15.100	-0.0059	-2.5 to 2.5	Pass
	2595	100	0	20	3.6	-3.500	-0.0013	-2.5 to 2.5	Pass
					3.92	4.700	0.0018	-2.5 to 2.5	Pass
					4.53	-7.400	-0.0029	-2.5 to 2.5	Pass
				-30	3.92	-11.000	-0.0042	-2.5 to 2.5	Pass
				-20	3.92	-6.800	-0.0026	-2.5 to 2.5	Pass

				-10	3.92	-5.100	-0.0020	-2.5 to 2.5	Pass
				0	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				10	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-8.400	-0.0032	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				50	3.92	12.900	0.0050	-2.5 to 2.5	Pass
	2610	100	0	20	3.6	4.400	0.0017	-2.5 to 2.5	Pass
					3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
					4.53	2.700	0.0010	-2.5 to 2.5	Pass
				-30	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	-7.300	-0.0028	-2.5 to 2.5	Pass
				0	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				10	3.92	11.100	0.0043	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.92	-3.900	-0.0015	-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	4.562	/	Pass
		2595	25	0	4.540	/	Pass
		2617.5	25	0	4.557	/	Pass
	16QAM	2572.5	25	0	4.554	/	Pass
		2595	25	0	4.567	/	Pass
		2617.5	25	0	4.563	/	Pass
	64QAM	2572.5	25	0	4.560	/	Pass
		2595	25	0	4.542	/	Pass
		2617.5	25	0	4.562	/	Pass
10	QPSK	2575	50	0	9.086	/	Pass
		2595	50	0	9.087	/	Pass
		2615	50	0	9.080	/	Pass
	16QAM	2575	50	0	9.070	/	Pass
		2595	50	0	9.077	/	Pass
		2615	50	0	9.067	/	Pass
	64QAM	2575	50	0	9.090	/	Pass
		2595	50	0	9.072	/	Pass
		2615	50	0	9.068	/	Pass
15	QPSK	2577.5	75	0	13.628	/	Pass
		2595	75	0	13.628	/	Pass
		2612.5	75	0	13.633	/	Pass
	16QAM	2577.5	75	0	13.614	/	Pass
		2595	75	0	13.609	/	Pass
		2612.5	75	0	13.627	/	Pass
	64QAM	2577.5	75	0	13.628	/	Pass
		2595	75	0	13.593	/	Pass
		2612.5	75	0	13.623	/	Pass
20	QPSK	2580	100	0	18.158	/	Pass
		2595	100	0	18.085	/	Pass
		2610	100	0	18.162	/	Pass
	16QAM	2580	100	0	18.100	/	Pass
		2595	100	0	18.135	/	Pass
		2610	100	0	18.117	/	Pass
	64QAM	2580	100	0	18.156	/	Pass
		2595	100	0	18.076	/	Pass
		2610	100	0	18.165	/	Pass

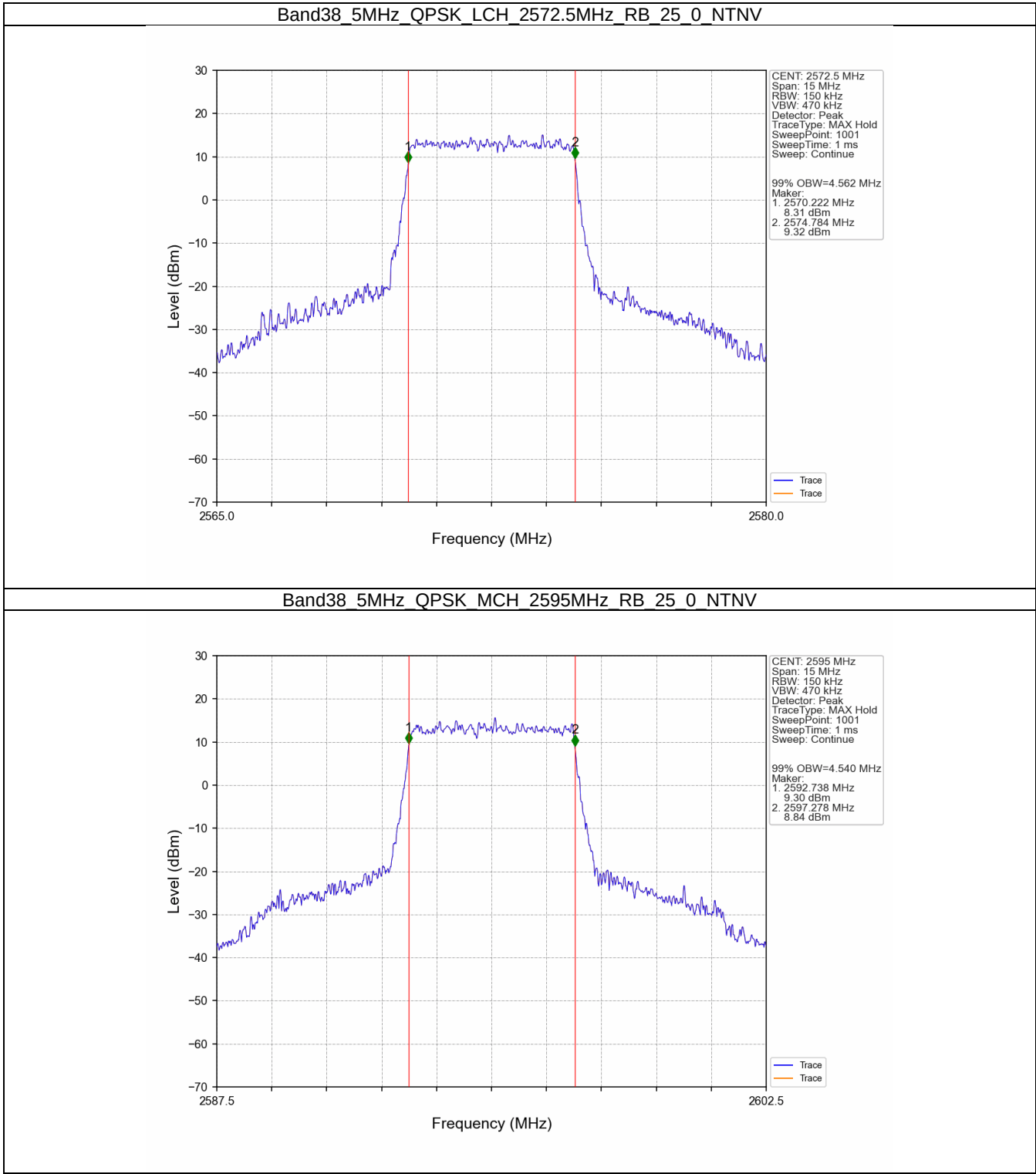
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.223	/	Pass
		2595	25	0	5.196	/	Pass
		2617.5	25	0	5.201	/	Pass

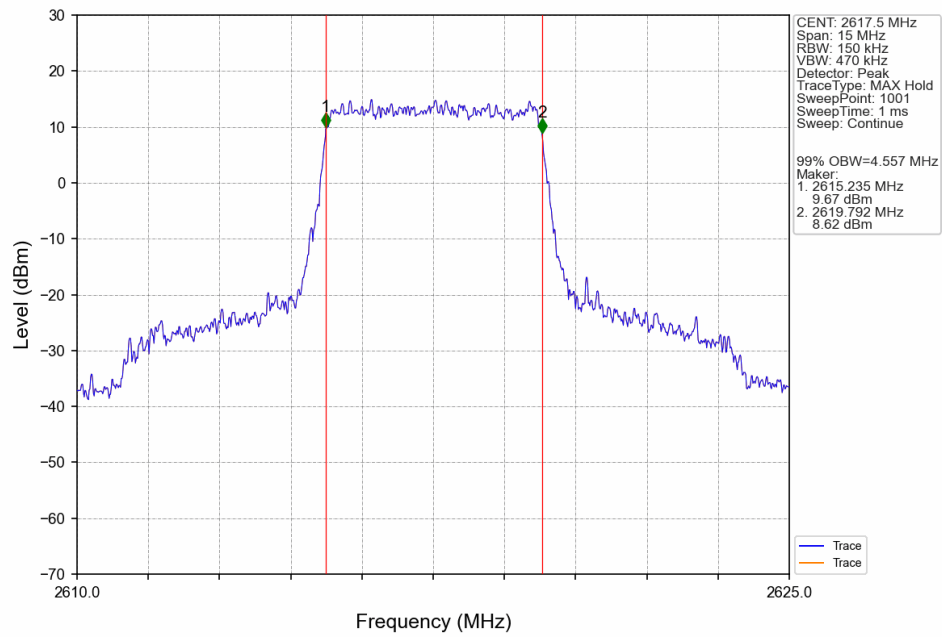
	16QAM	2572.5	25	0	5.253	/	Pass
		2595	25	0	5.201	/	Pass
		2617.5	25	0	5.208	/	Pass
	64QAM	2572.5	25	0	5.196	/	Pass
		2595	25	0	5.174	/	Pass
		2617.5	25	0	5.254	/	Pass
10	QPSK	2575	50	0	10.128	/	Pass
		2595	50	0	10.429	/	Pass
		2615	50	0	10.271	/	Pass
	16QAM	2575	50	0	10.145	/	Pass
		2595	50	0	10.169	/	Pass
		2615	50	0	10.230	/	Pass
	64QAM	2575	50	0	10.112	/	Pass
		2595	50	0	10.411	/	Pass
		2615	50	0	10.207	/	Pass
15	QPSK	2577.5	75	0	15.210	/	Pass
		2595	75	0	14.992	/	Pass
		2612.5	75	0	15.051	/	Pass
	16QAM	2577.5	75	0	15.191	/	Pass
		2595	75	0	15.202	/	Pass
		2612.5	75	0	15.151	/	Pass
	64QAM	2577.5	75	0	15.240	/	Pass
		2595	75	0	15.076	/	Pass
		2612.5	75	0	15.052	/	Pass
20	QPSK	2580	100	0	20.163	/	Pass
		2595	100	0	20.023	/	Pass
		2610	100	0	20.062	/	Pass
	16QAM	2580	100	0	20.155	/	Pass
		2595	100	0	20.037	/	Pass
		2610	100	0	19.978	/	Pass
	64QAM	2580	100	0	20.102	/	Pass
		2595	100	0	20.026	/	Pass
		2610	100	0	20.096	/	Pass

3.2 Test Graph

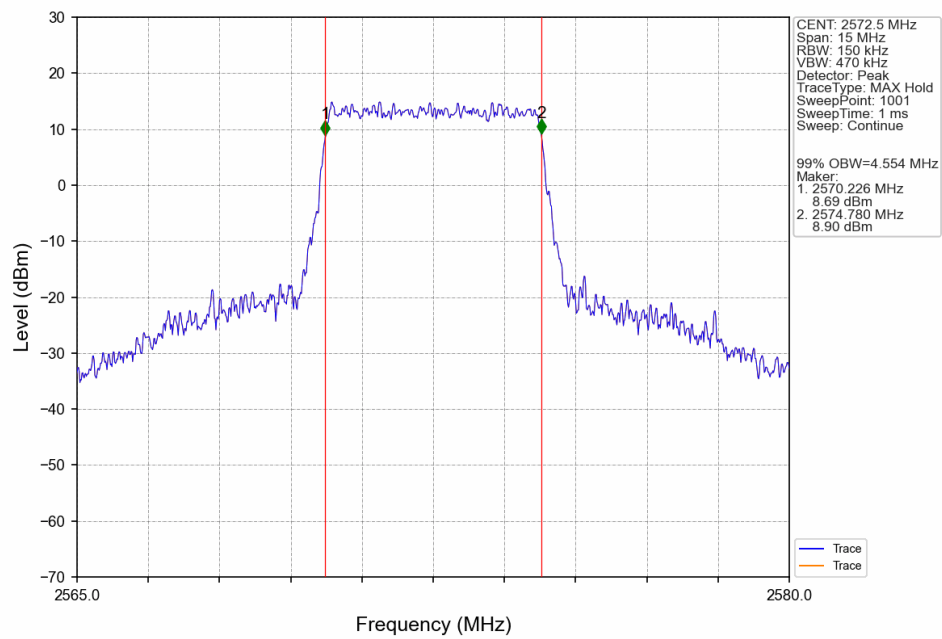
3.2.1 Band38_OBW



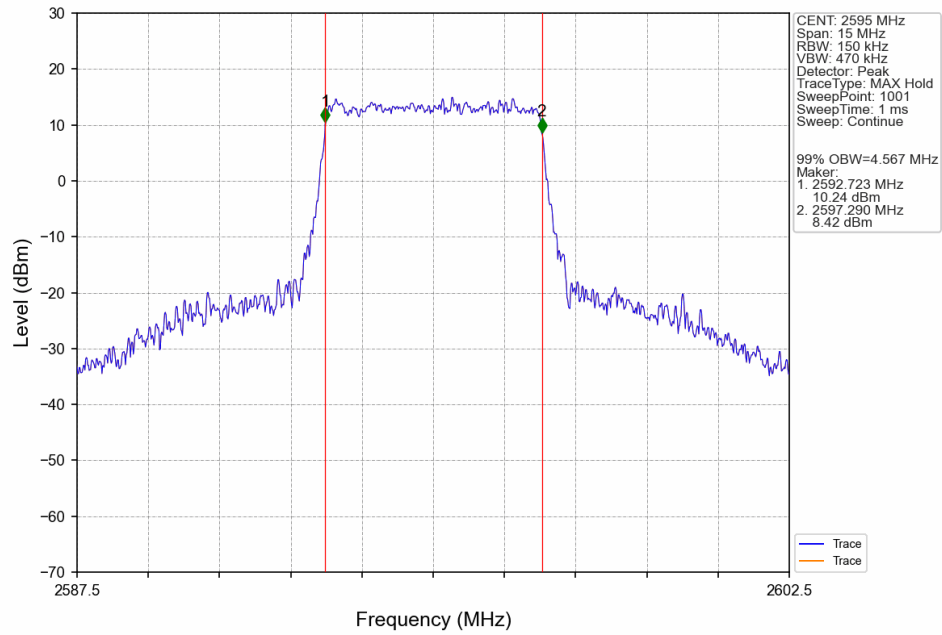
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



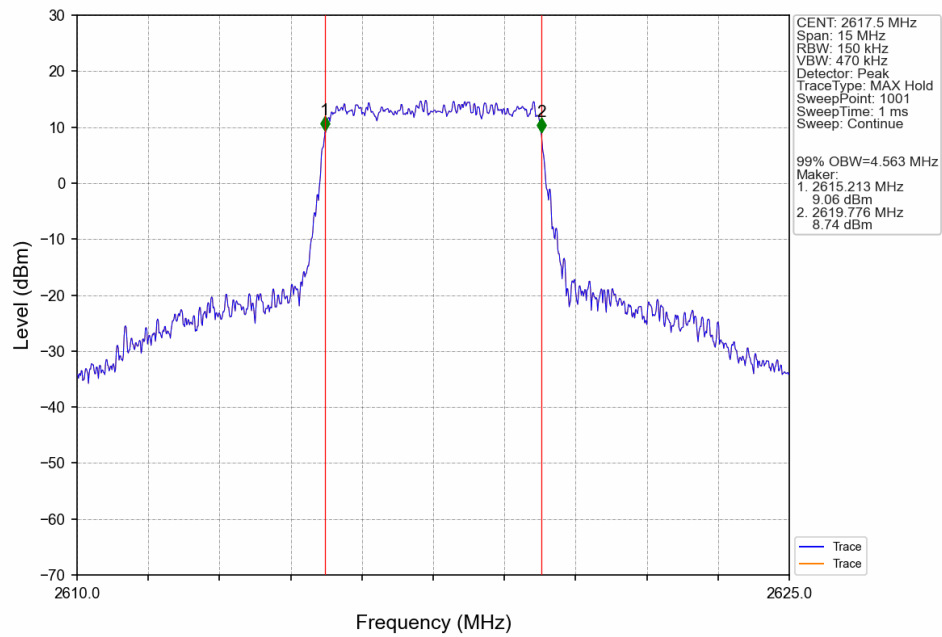
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



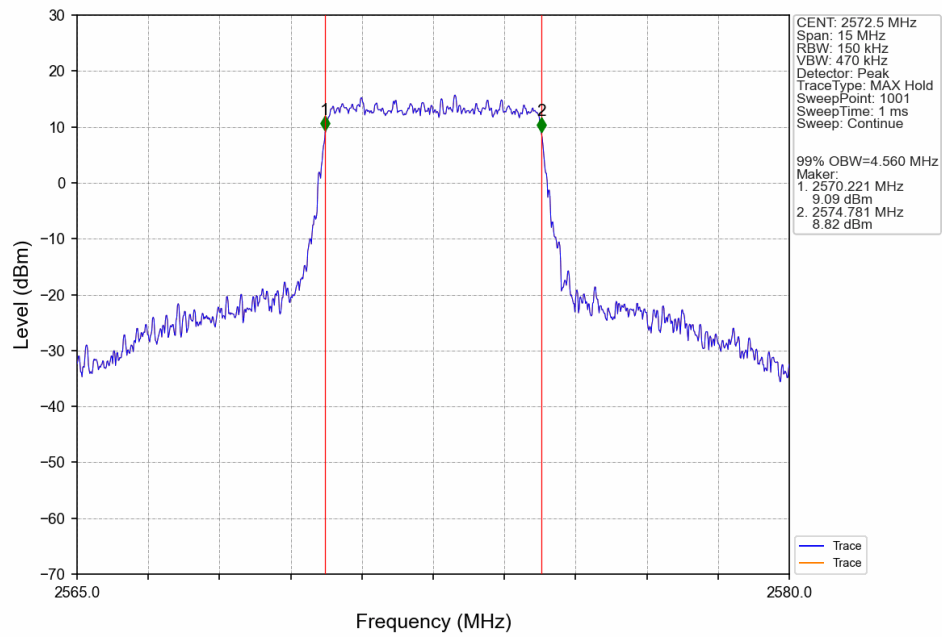
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



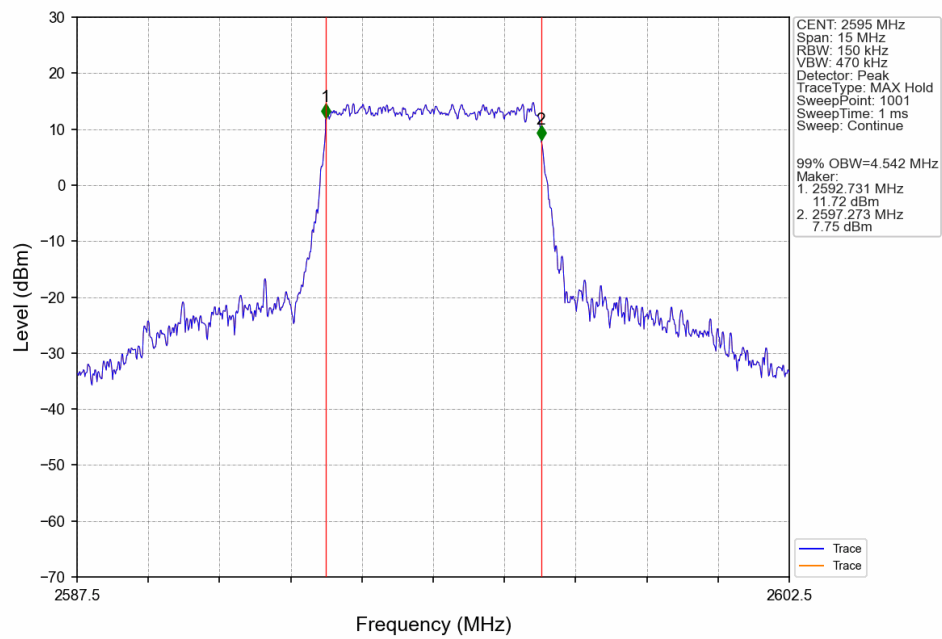
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



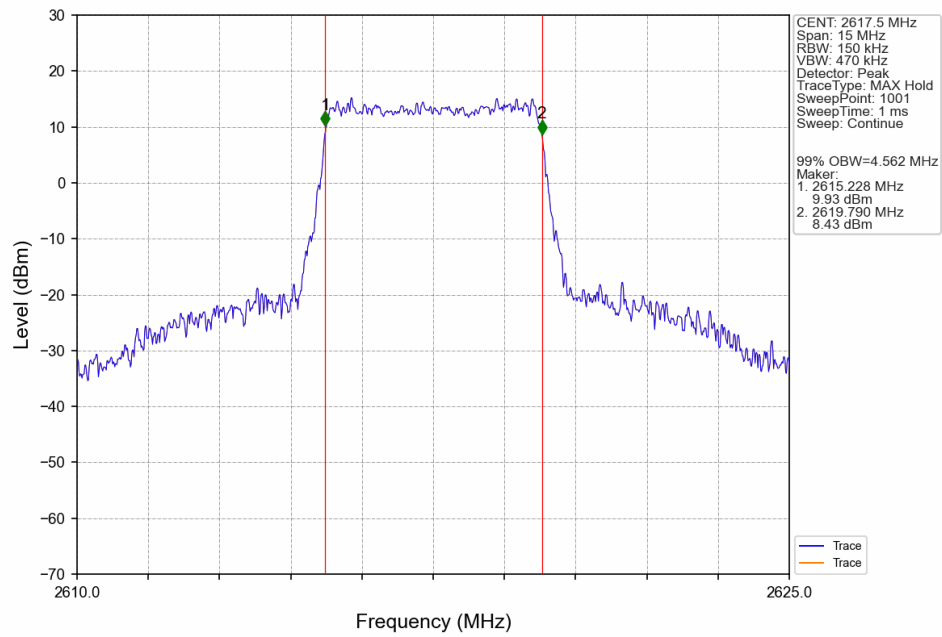
Band38 5MHz 64QAM LCH 2572.5MHz RB 25 0 NTNV



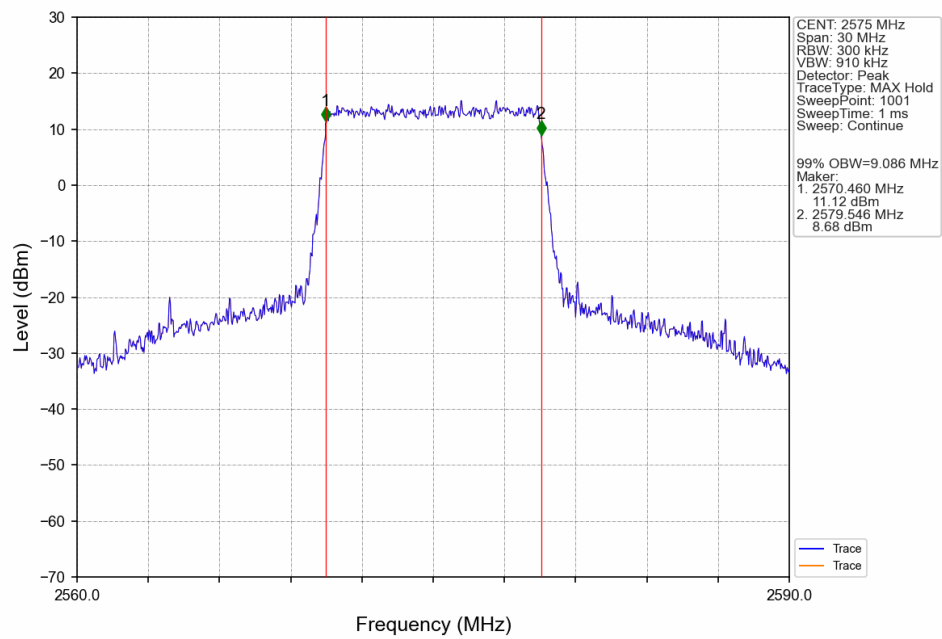
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



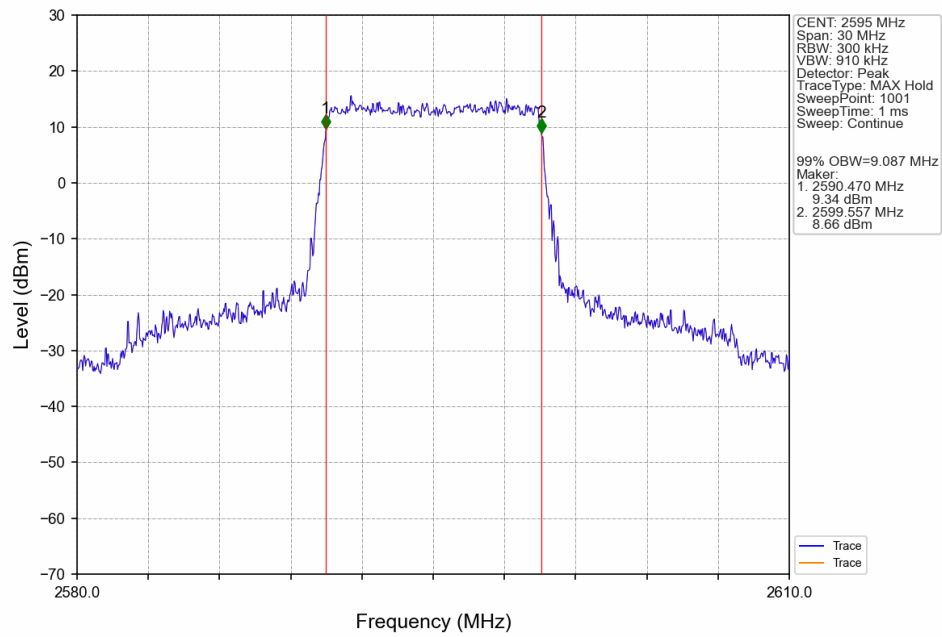
Band38 5MHz 64QAM HCH 2617.5MHz RB 25 0 NTN



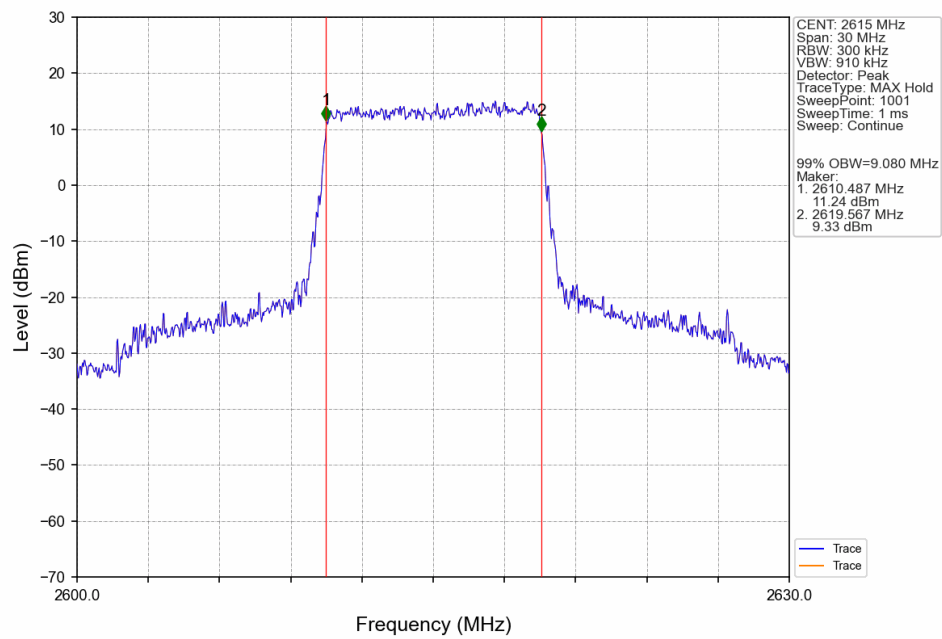
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTN



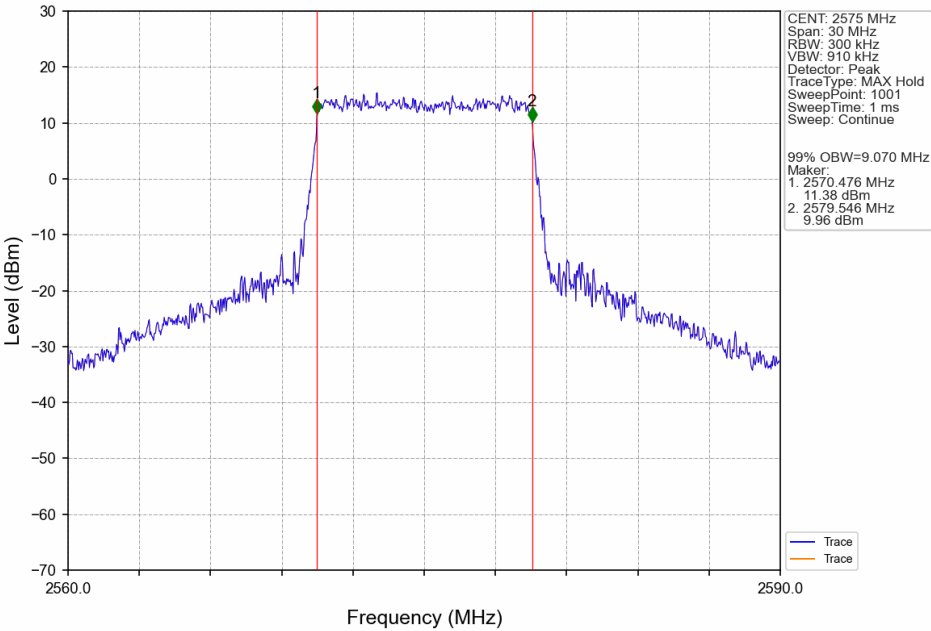
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



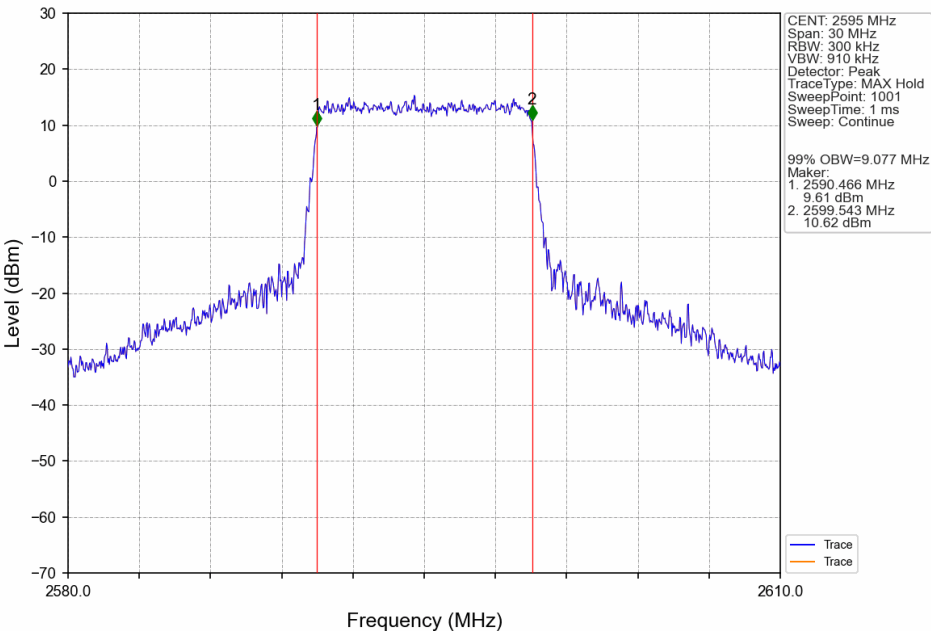
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



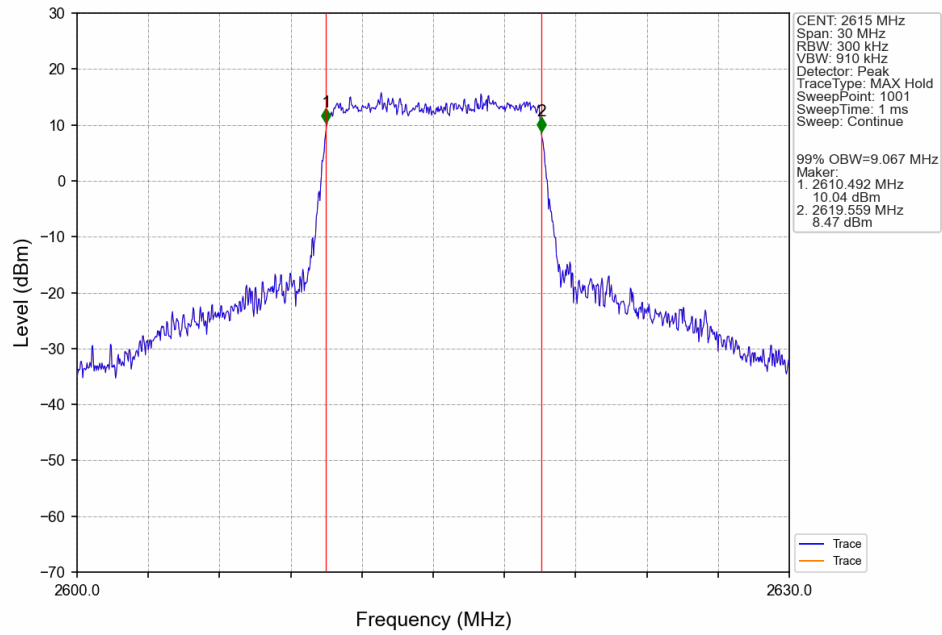
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



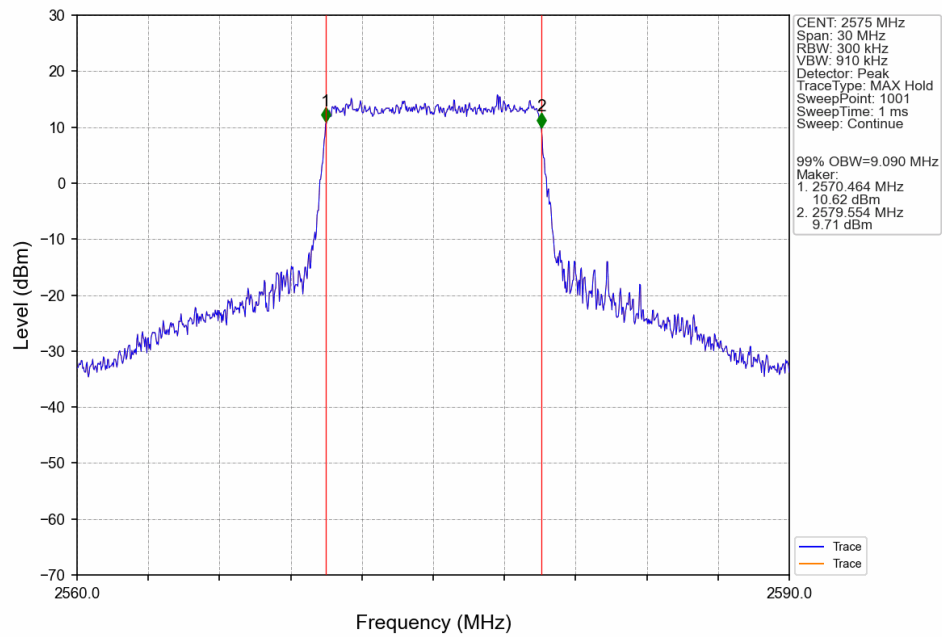
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



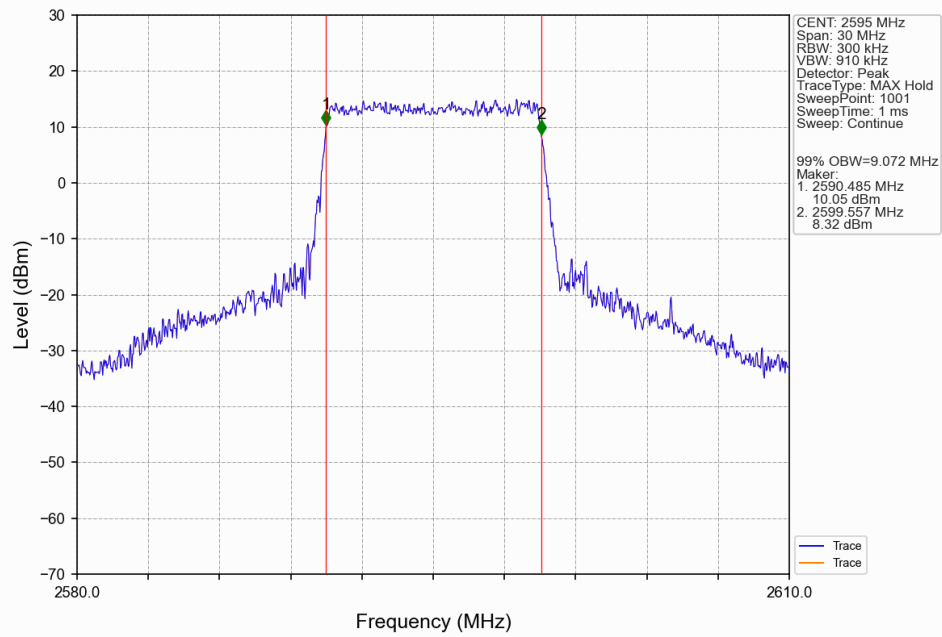
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV



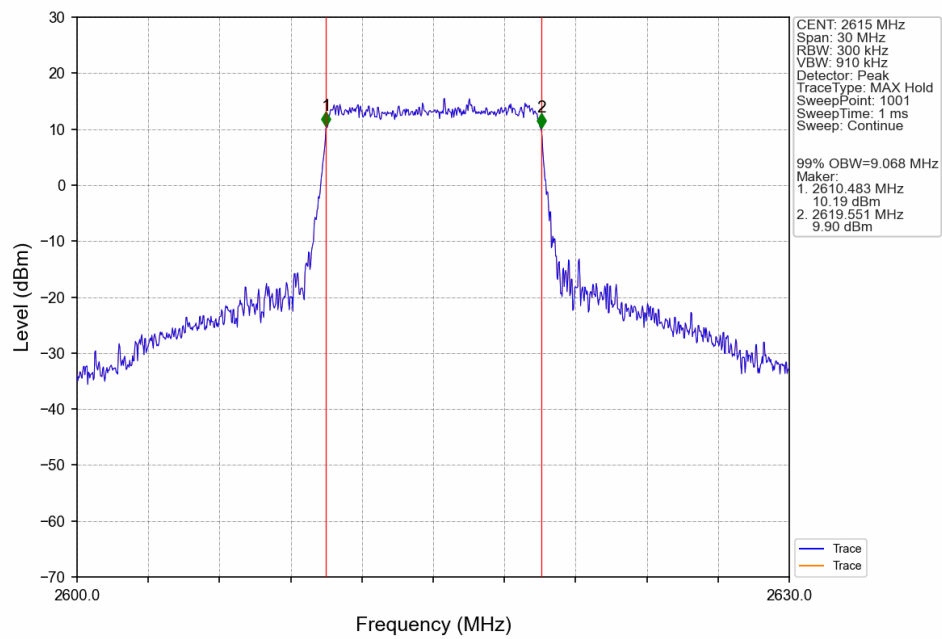
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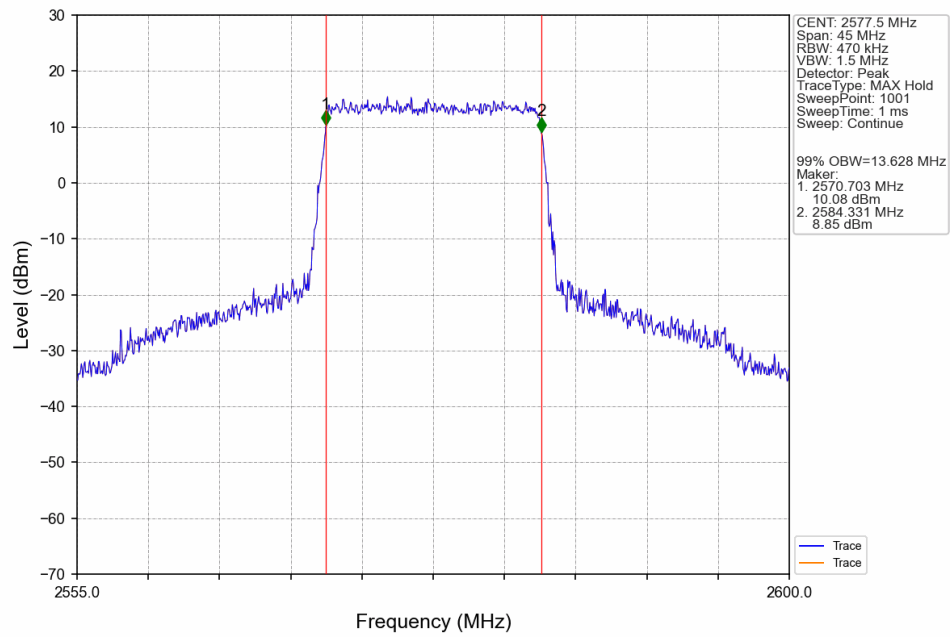
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTN



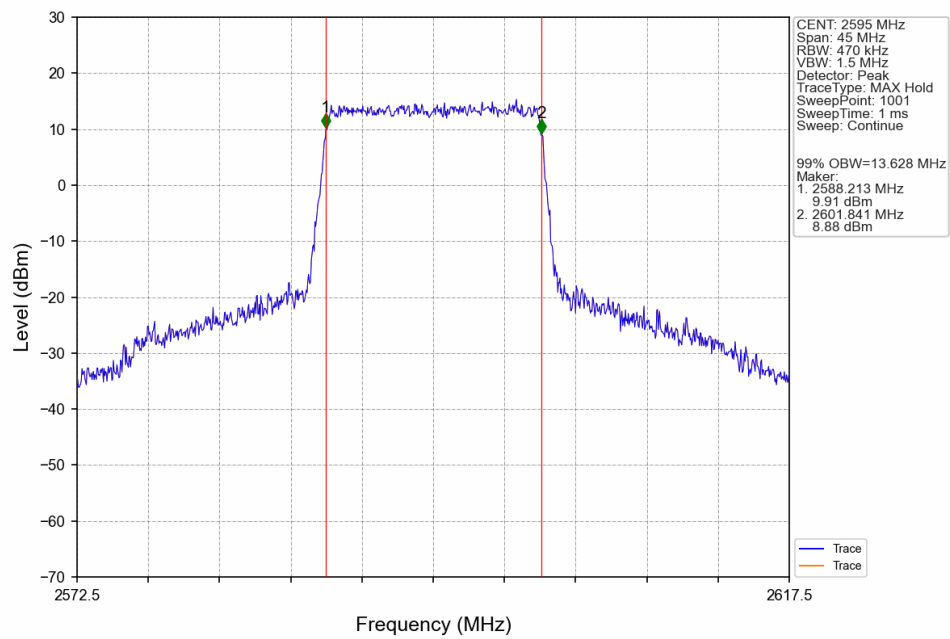
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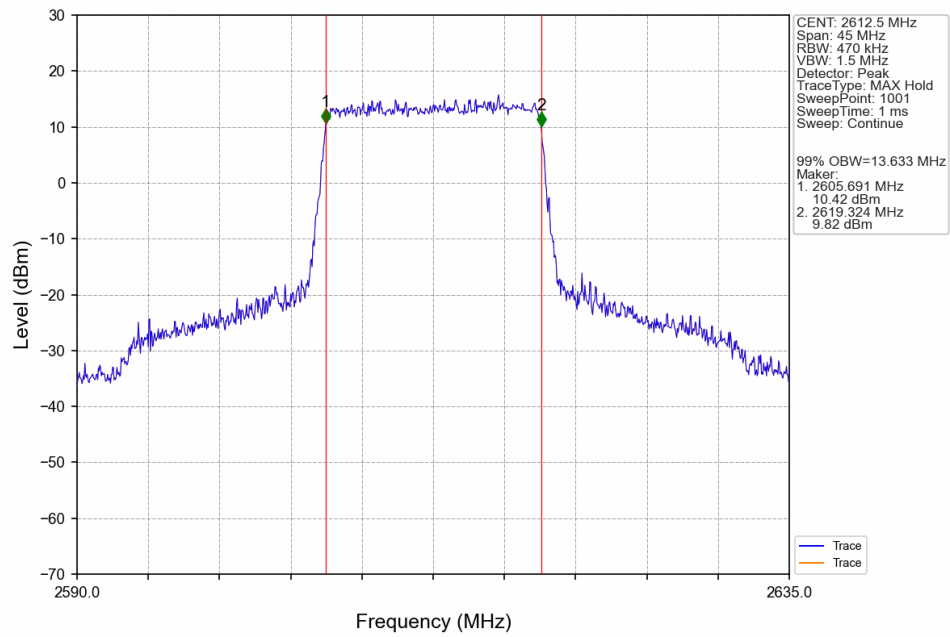
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



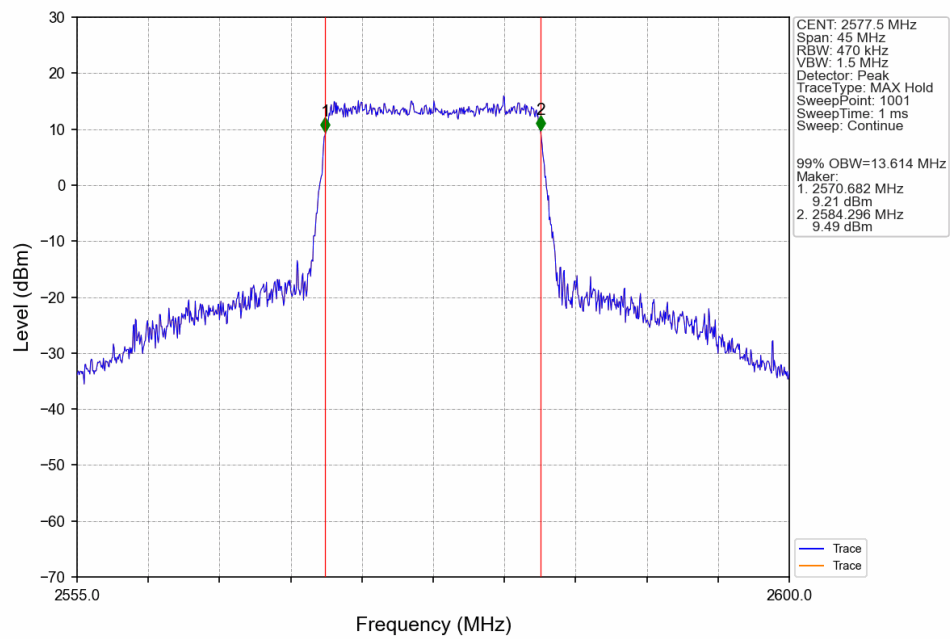
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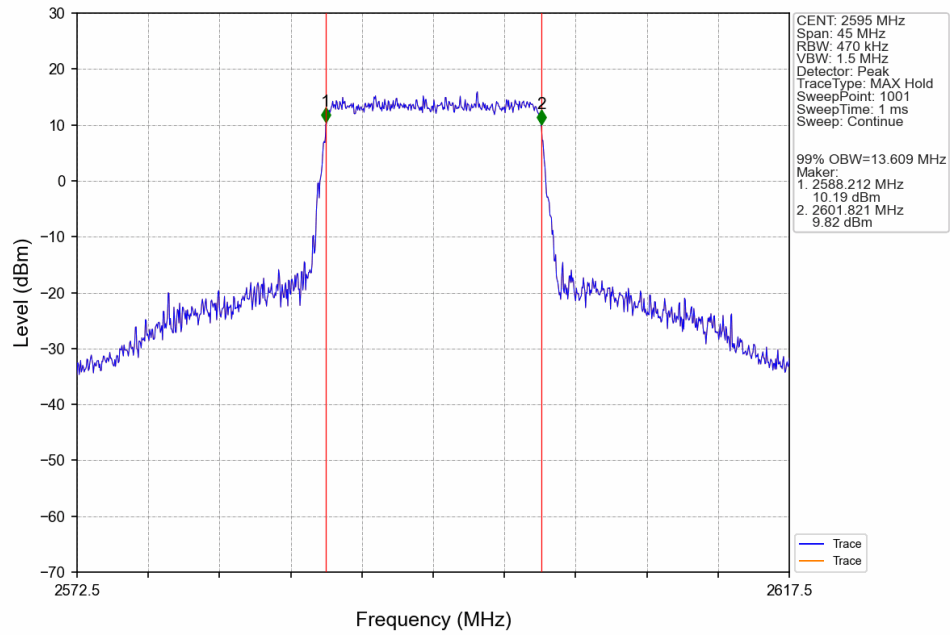
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTNV



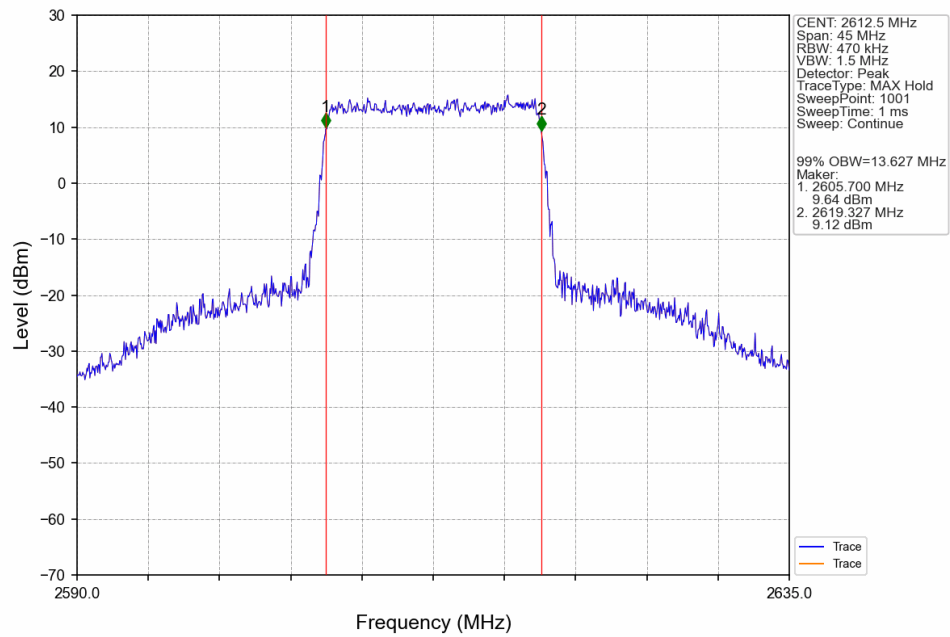
Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTNV



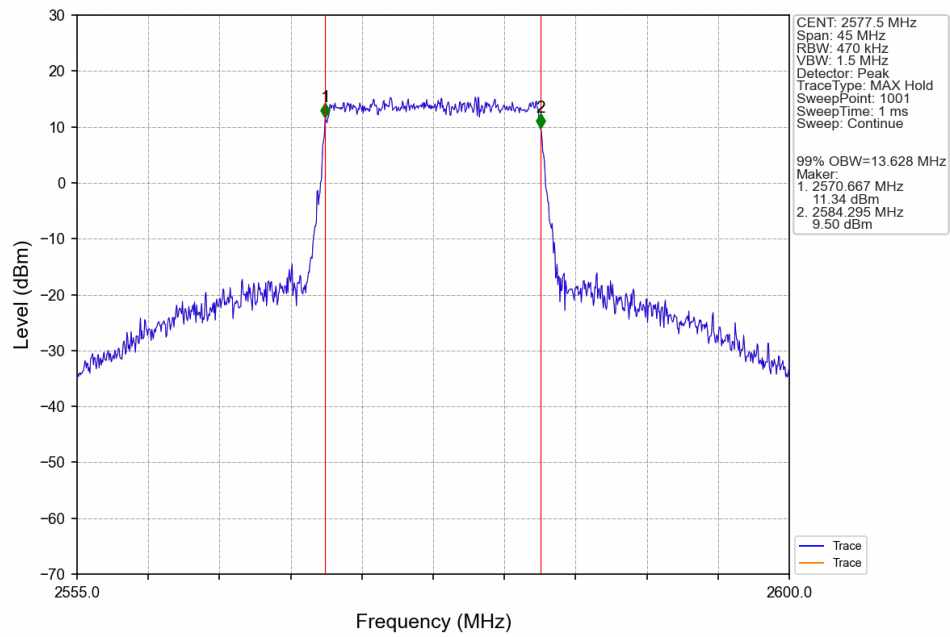
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTNV



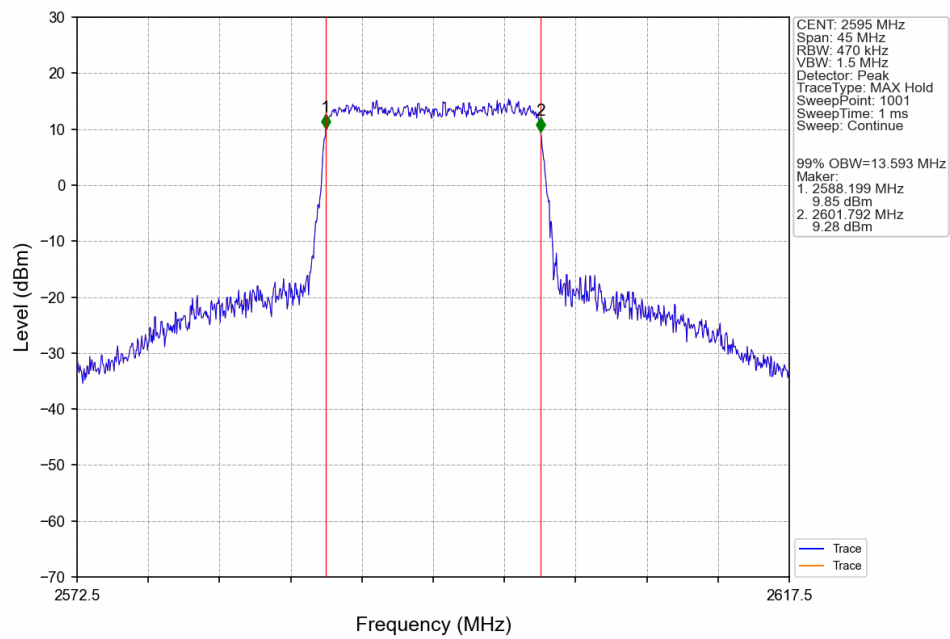
Band38 15MHz 16QAM HCH 2612.5MHz RB 75 0 NTNV



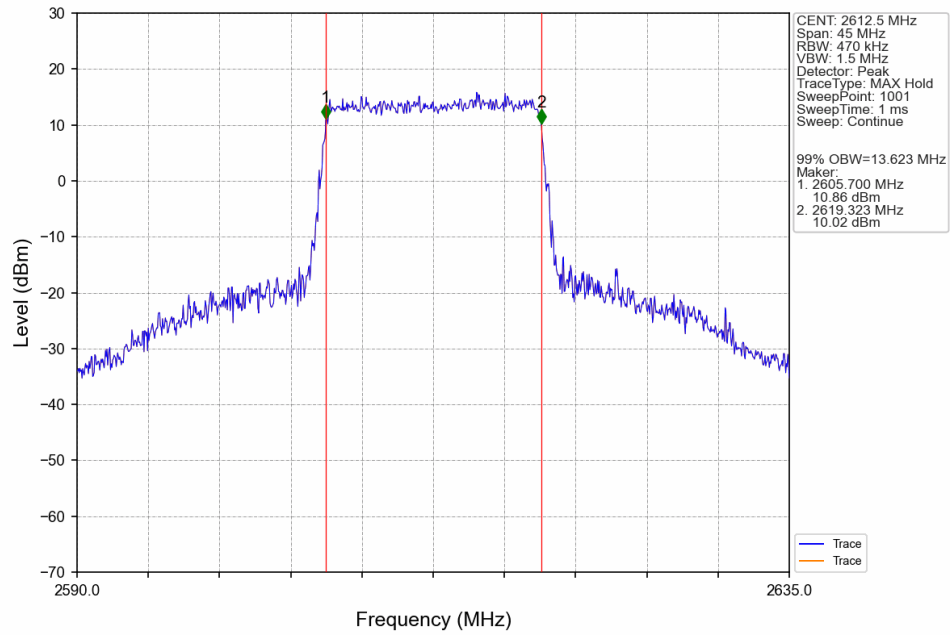
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



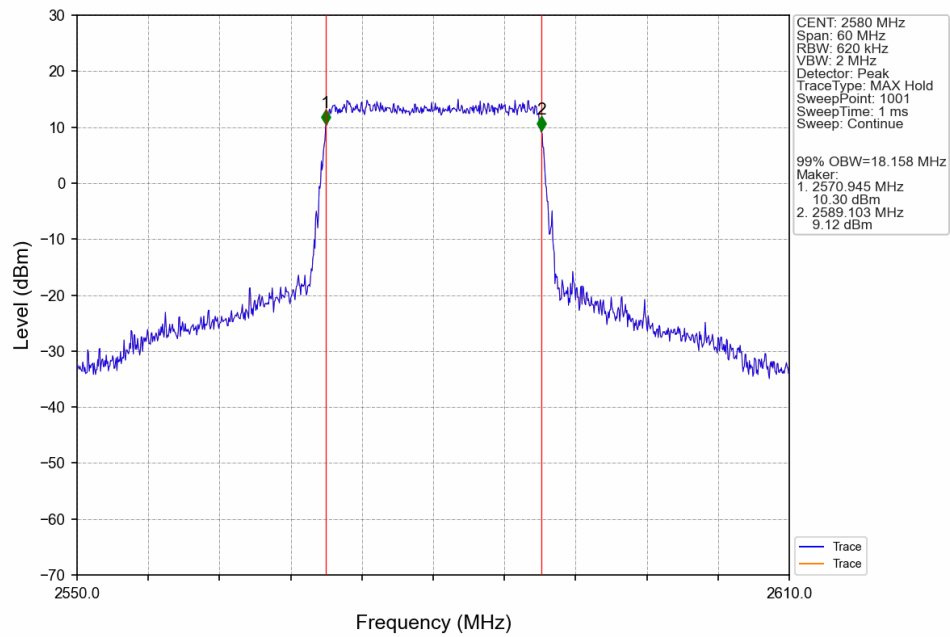
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



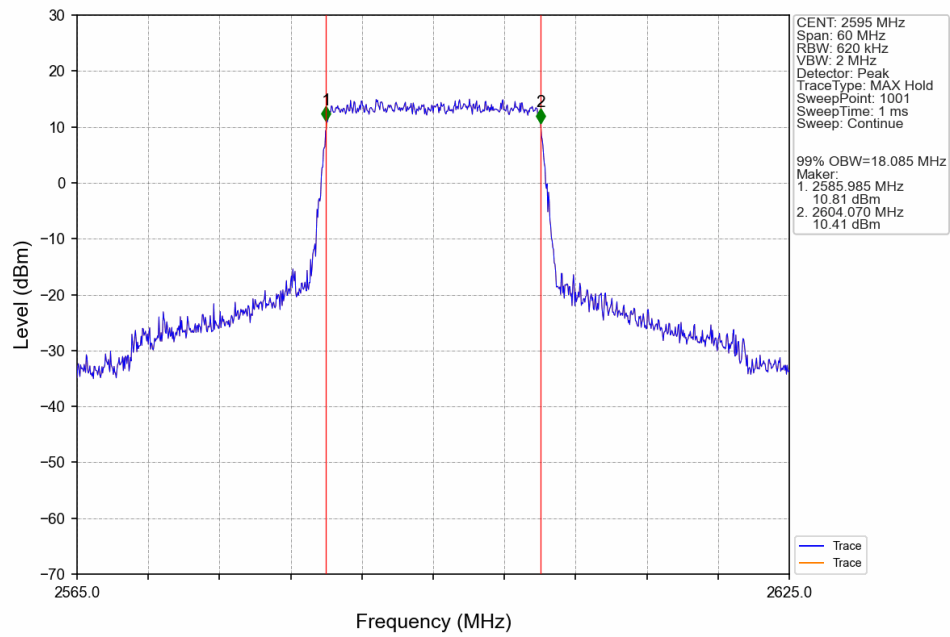
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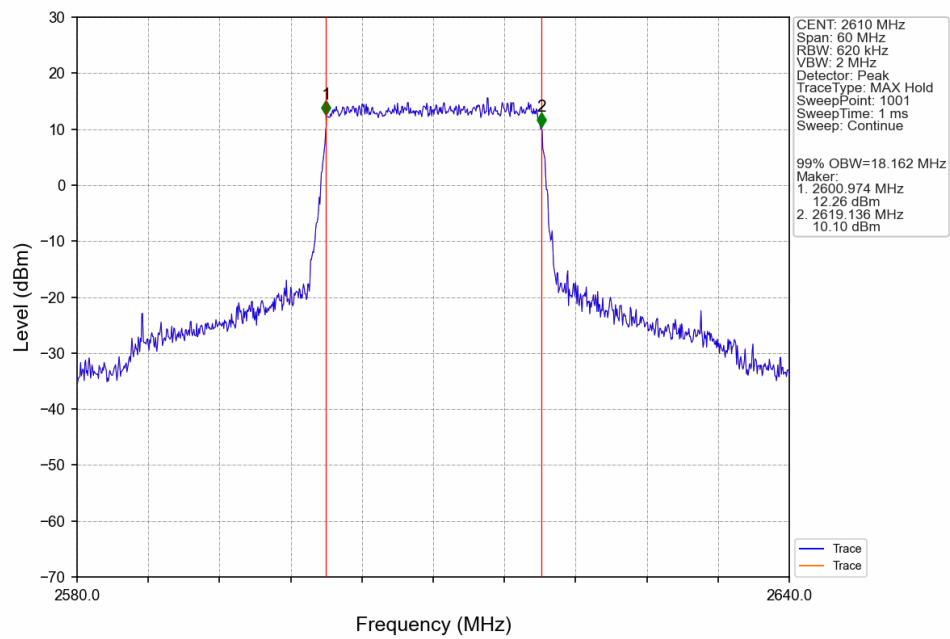
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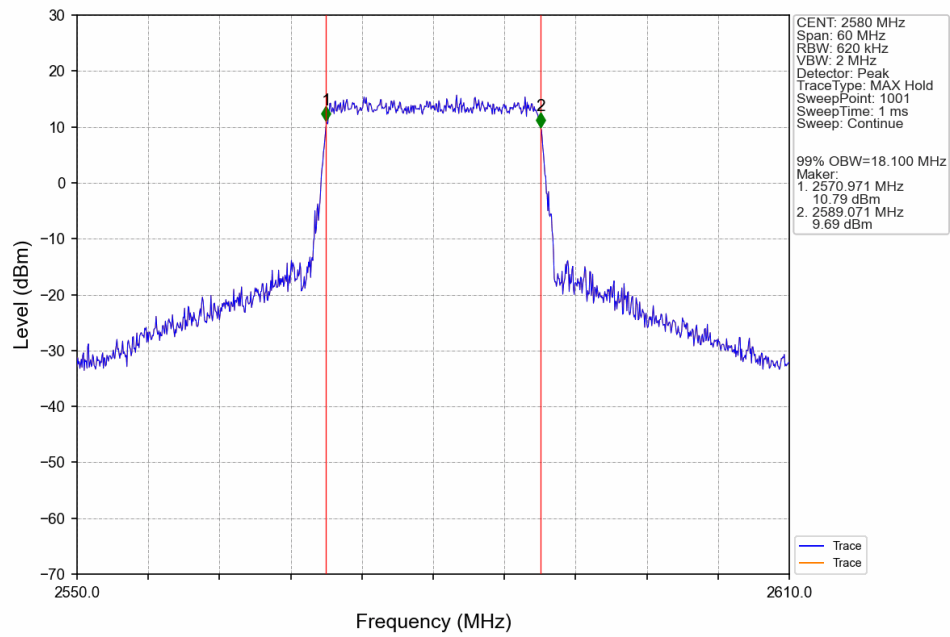
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



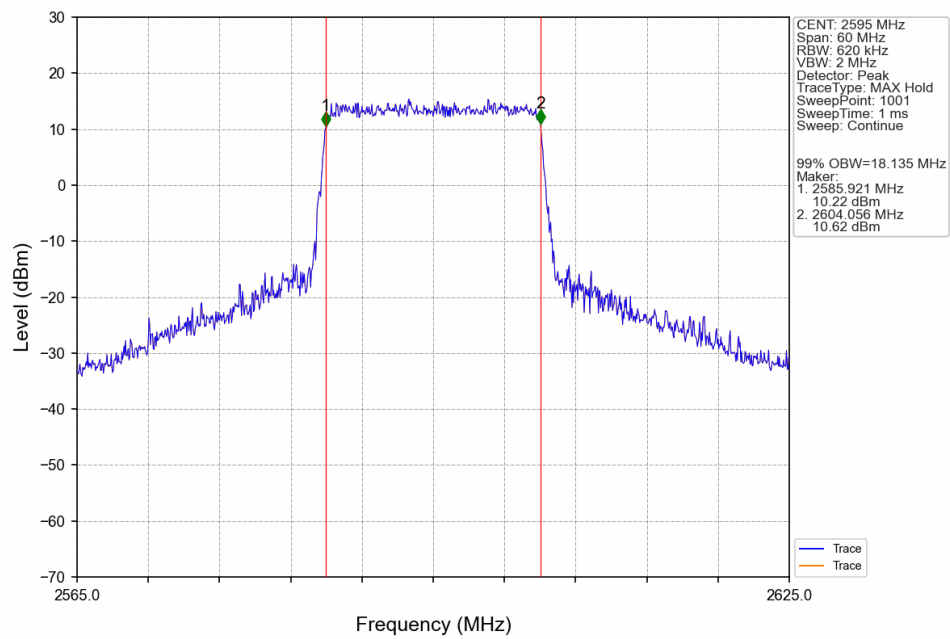
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



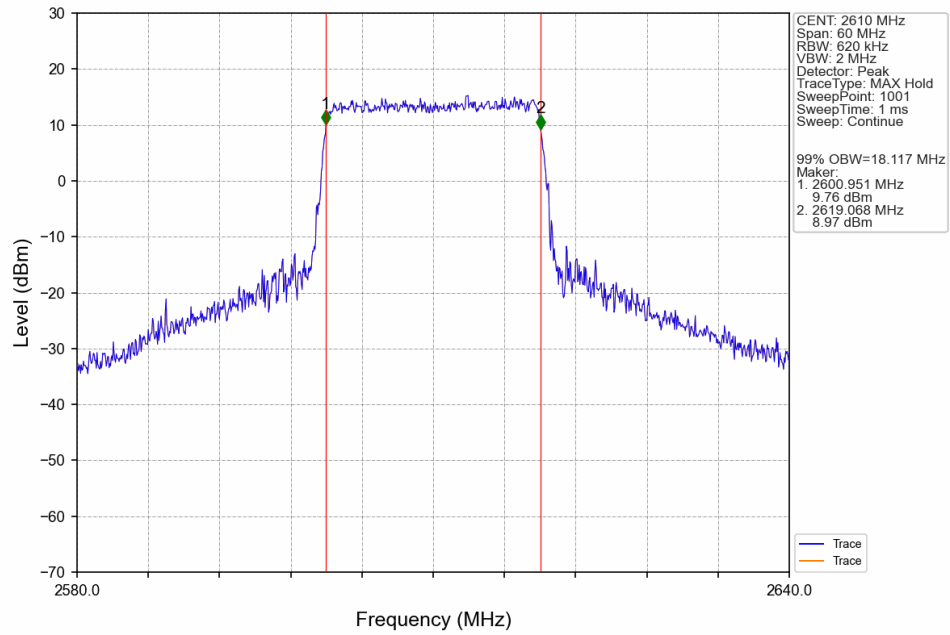
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



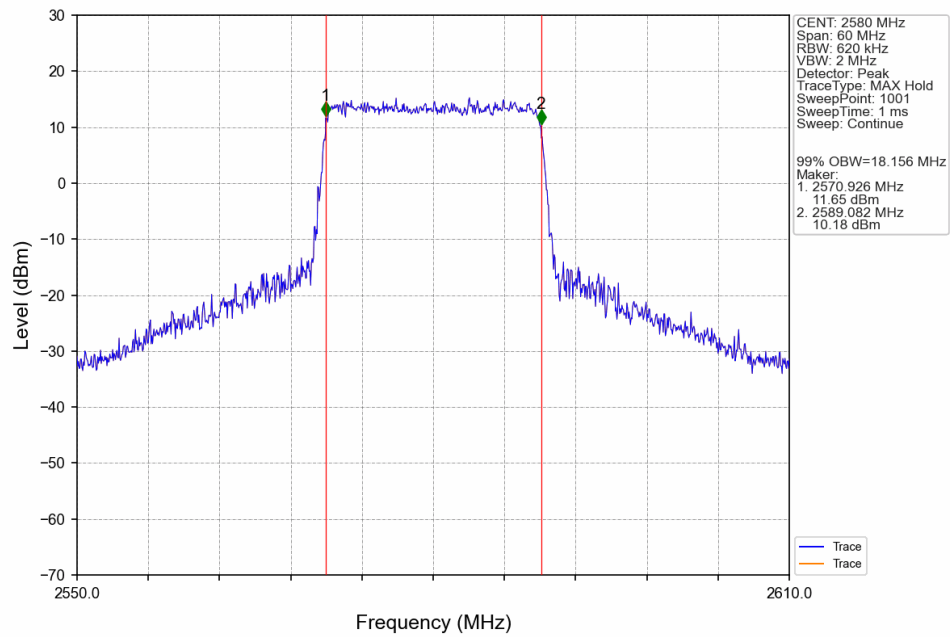
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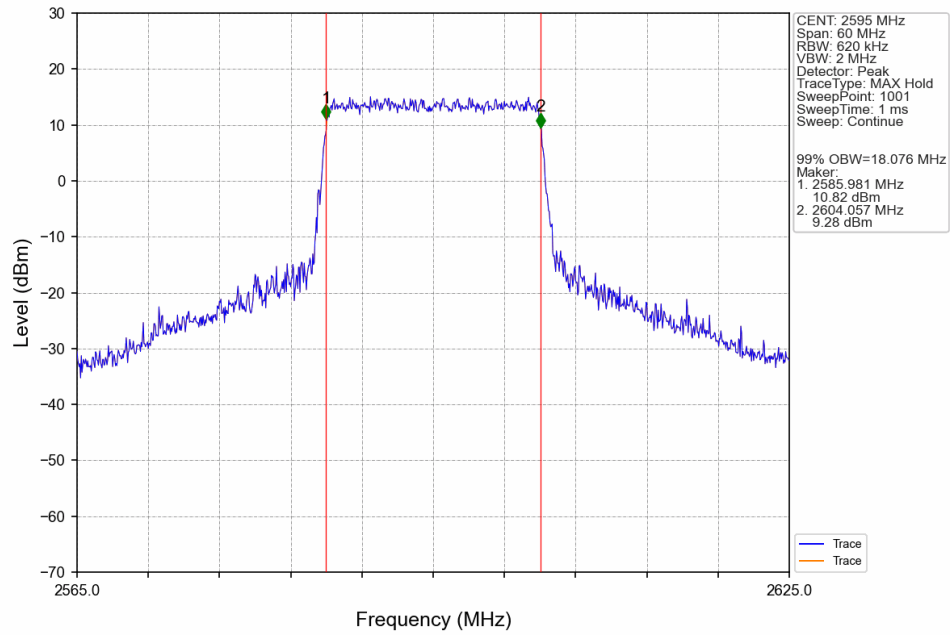
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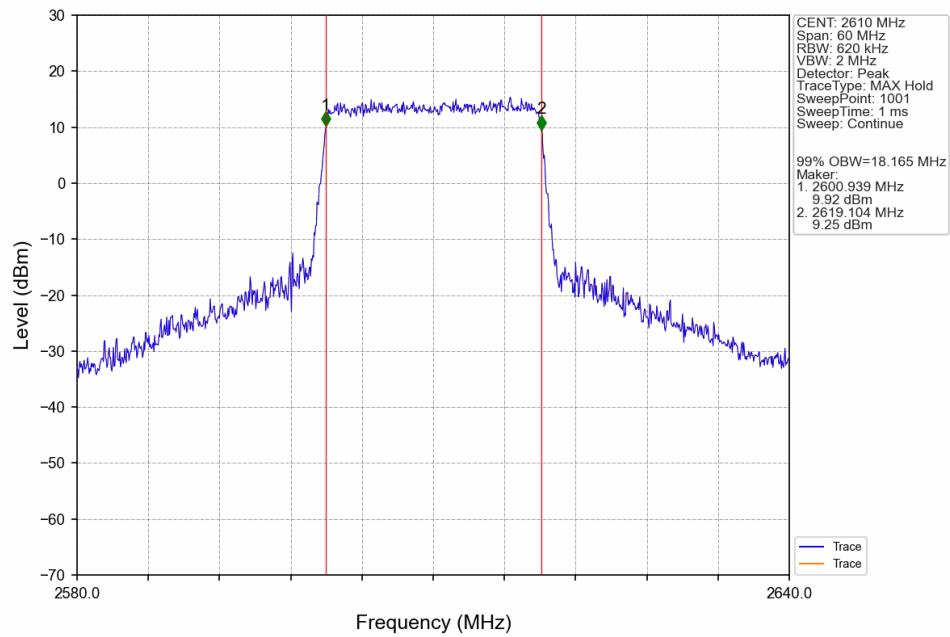
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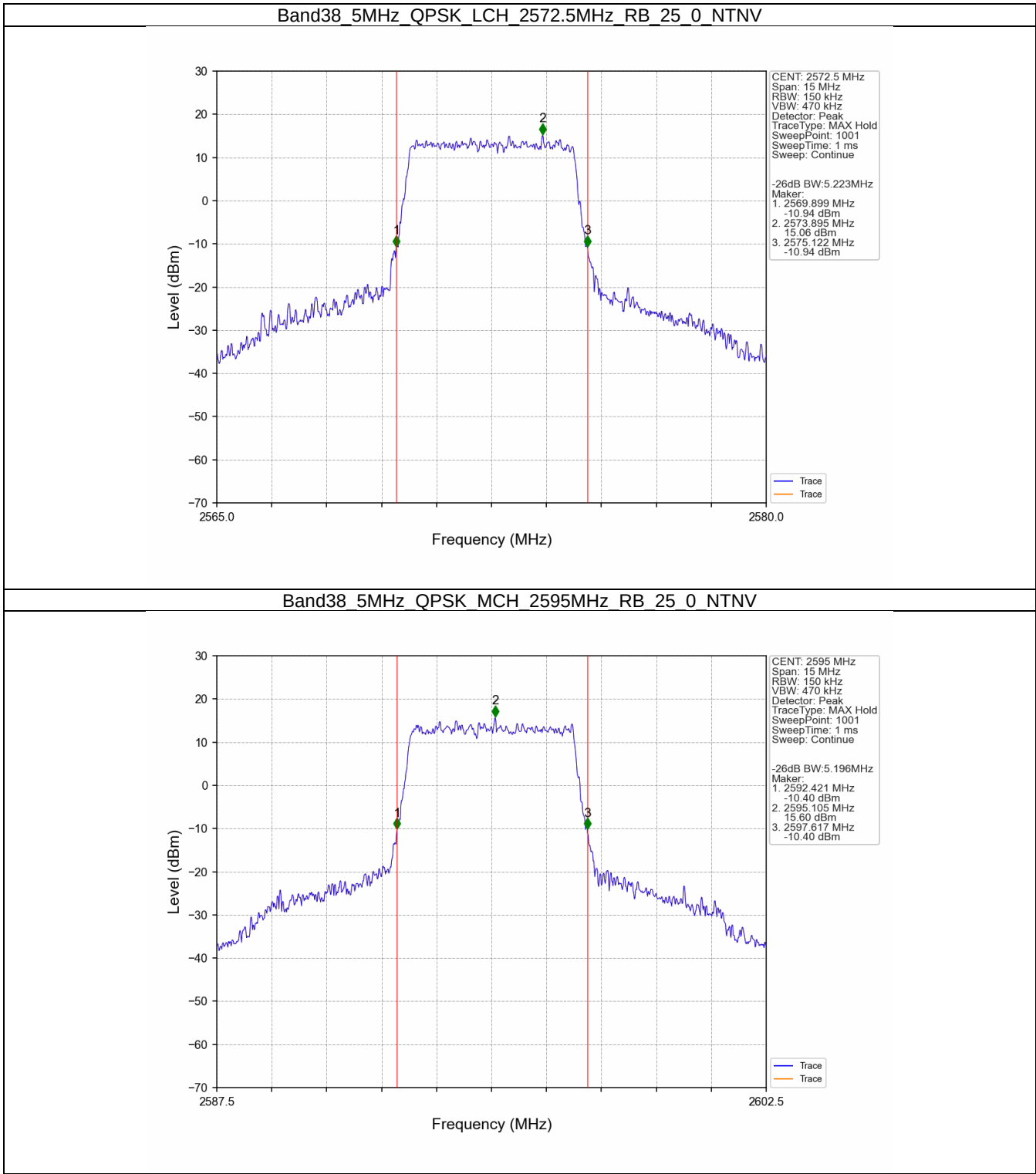
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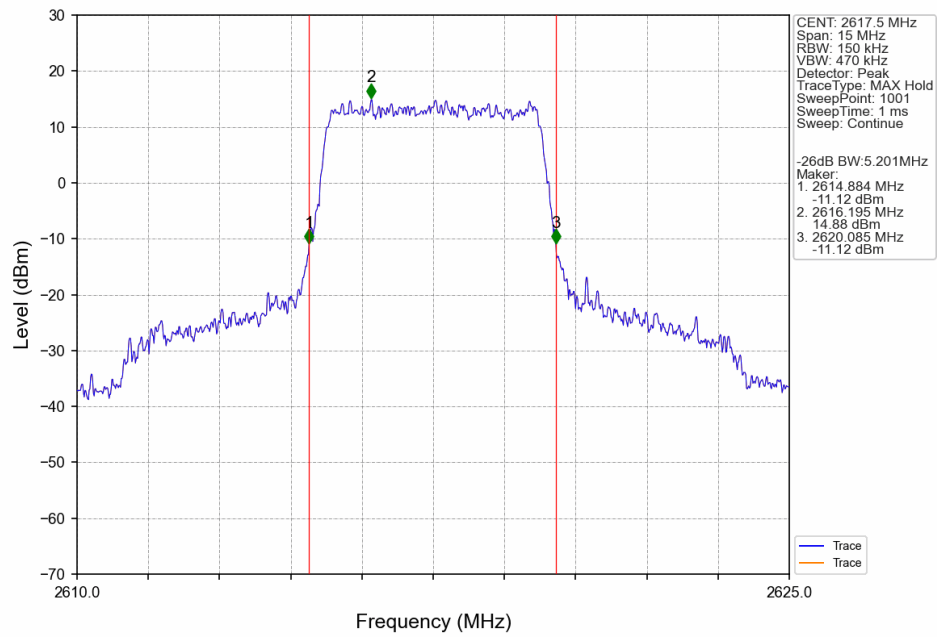
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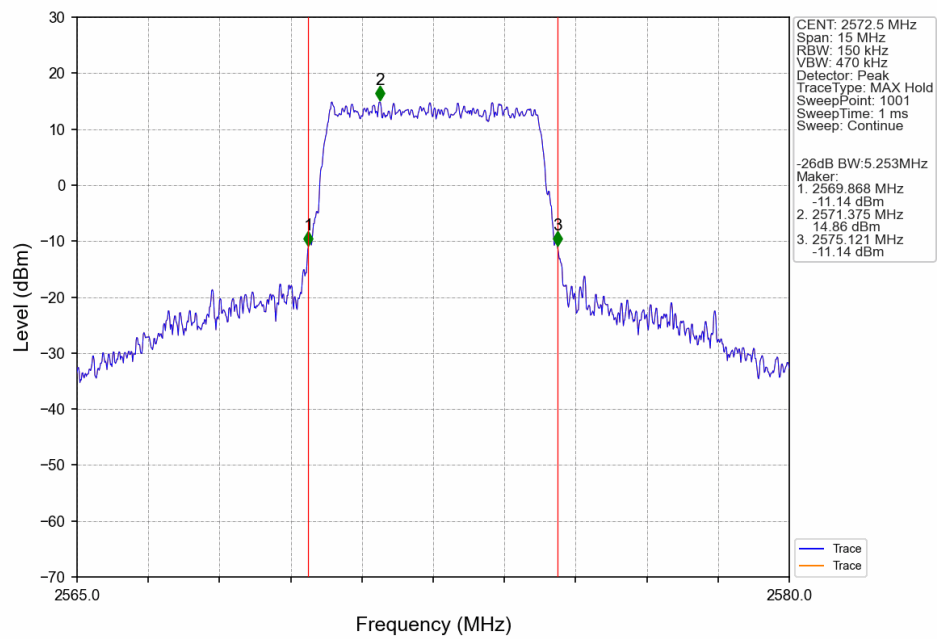
3.2.2 Band38_XDB



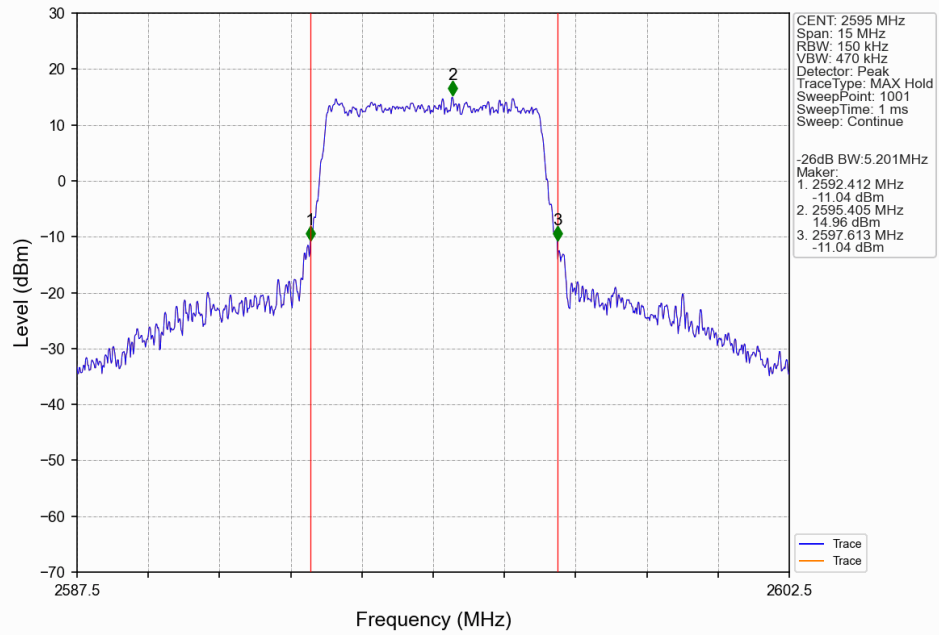
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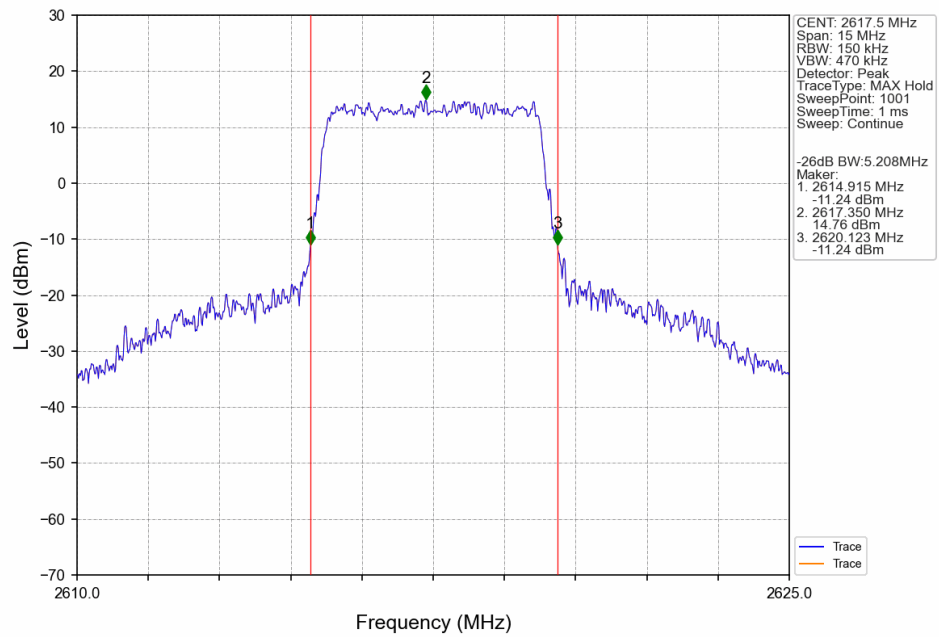
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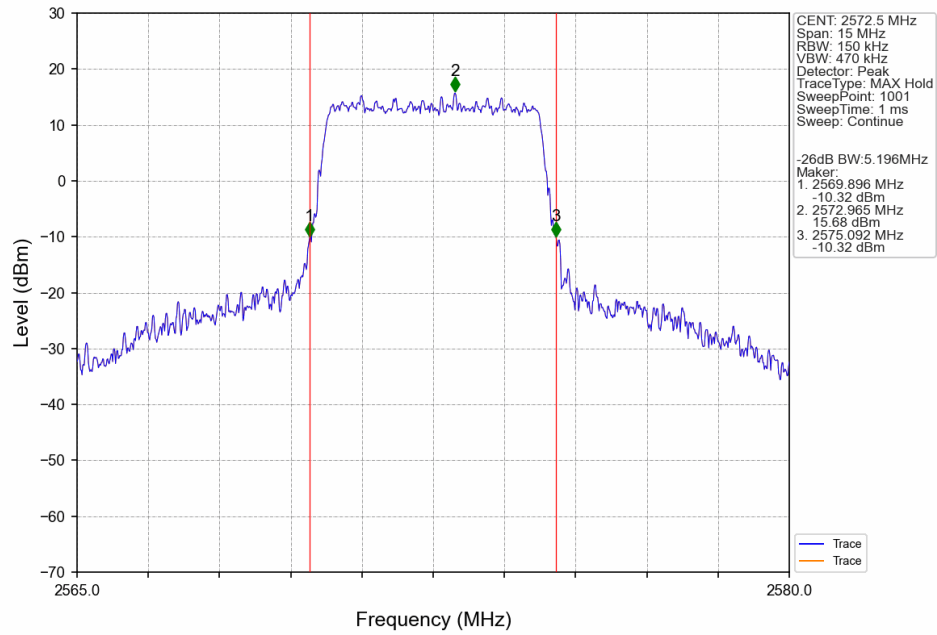
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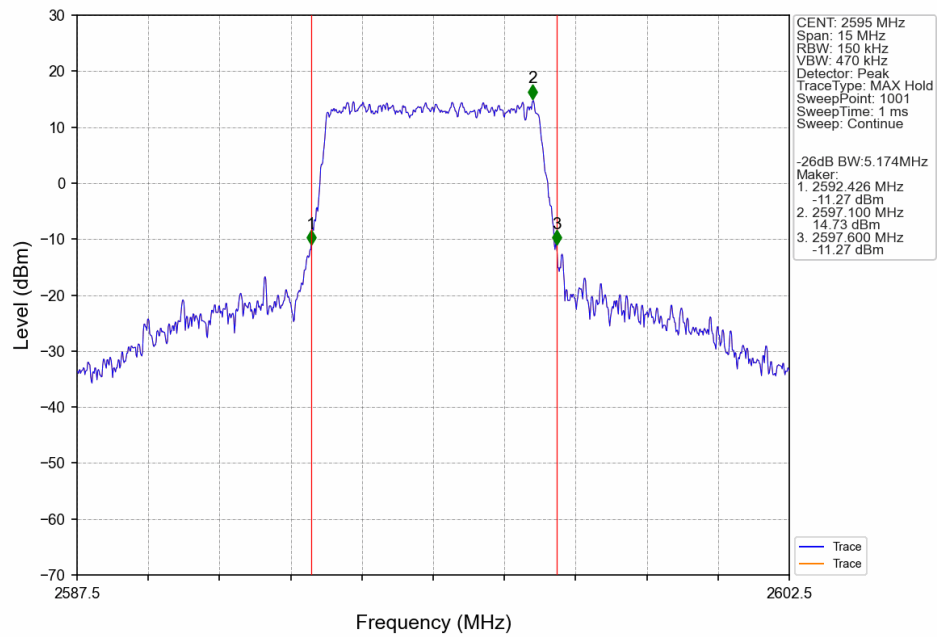
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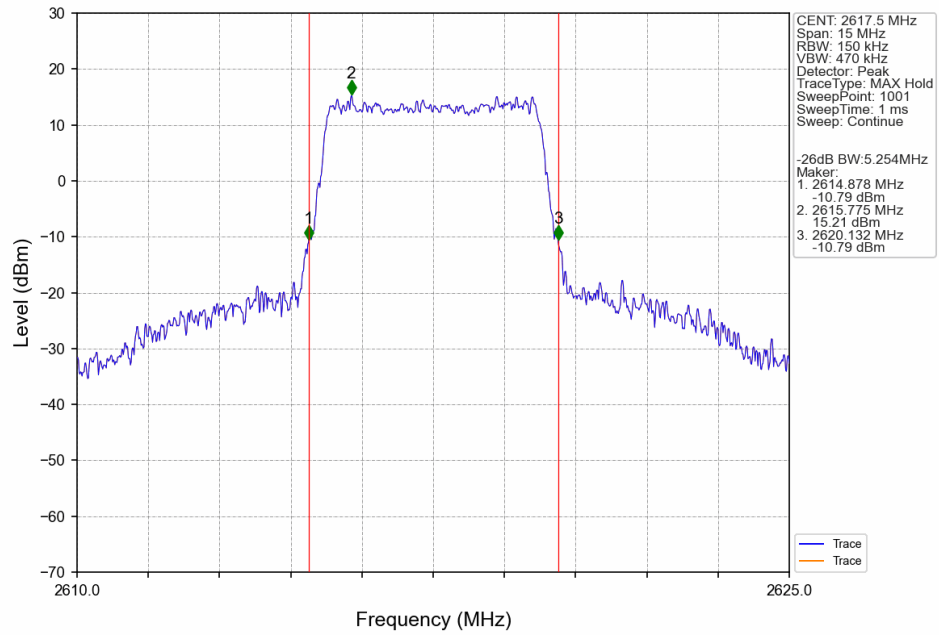
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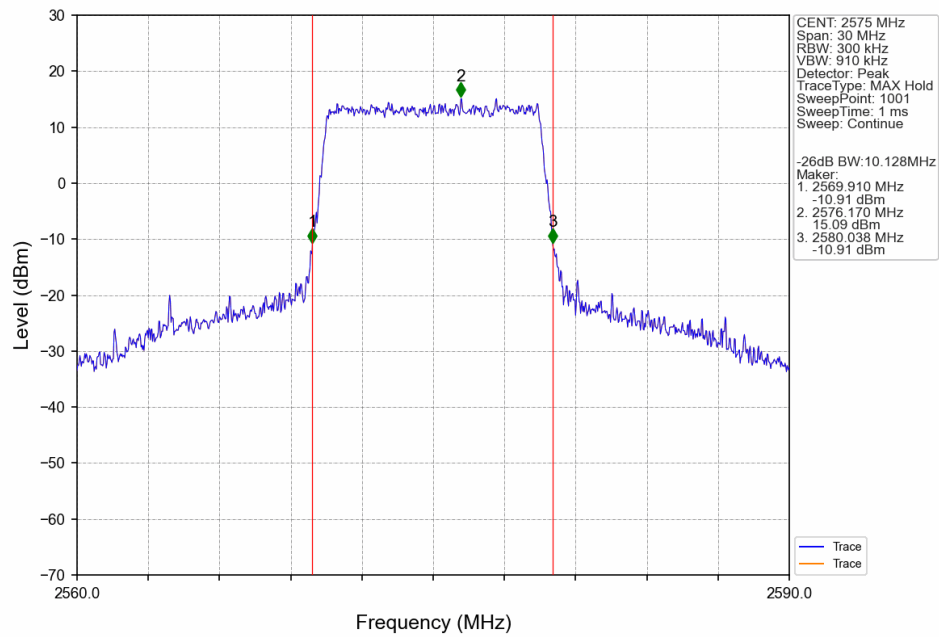
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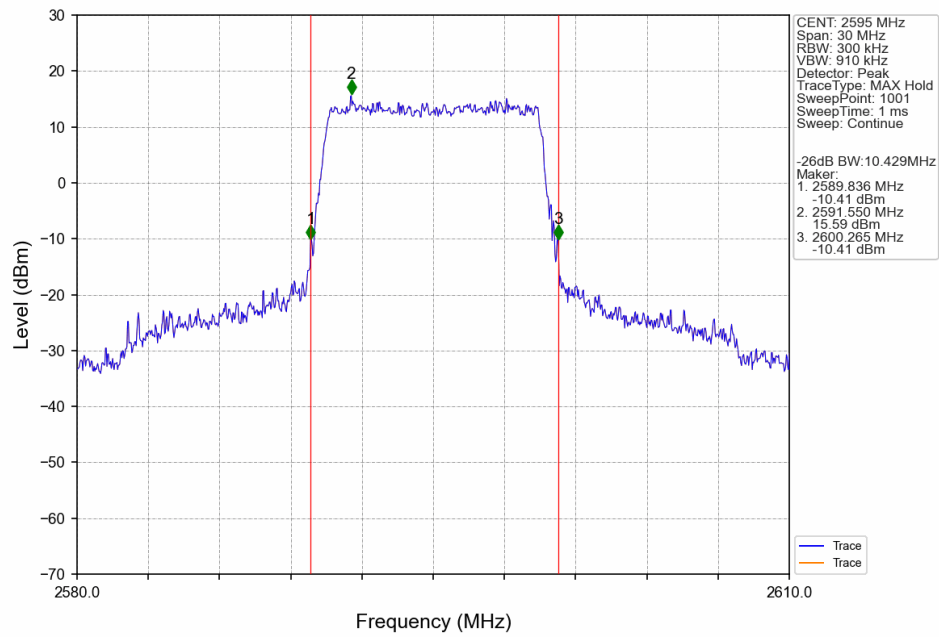
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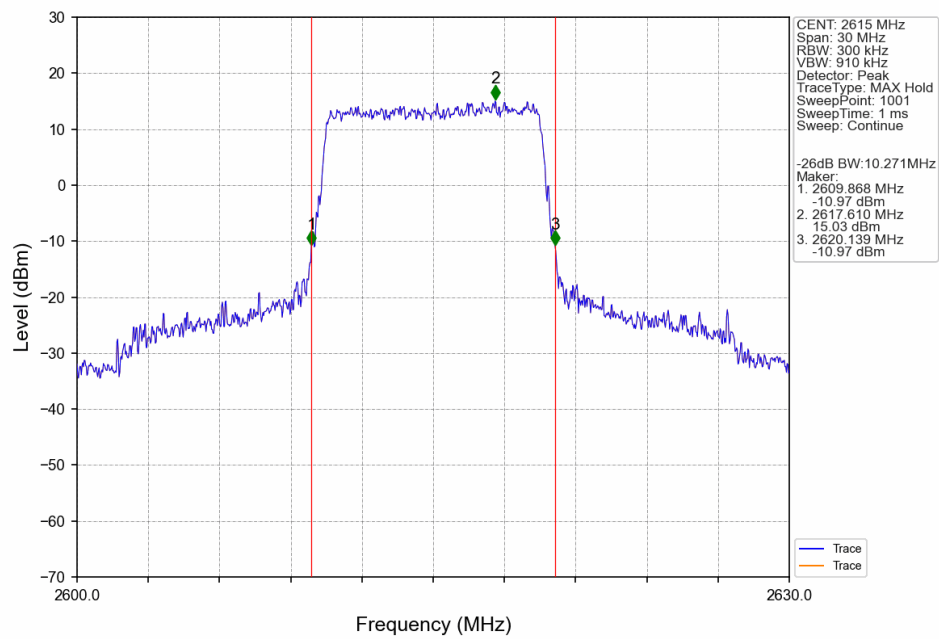
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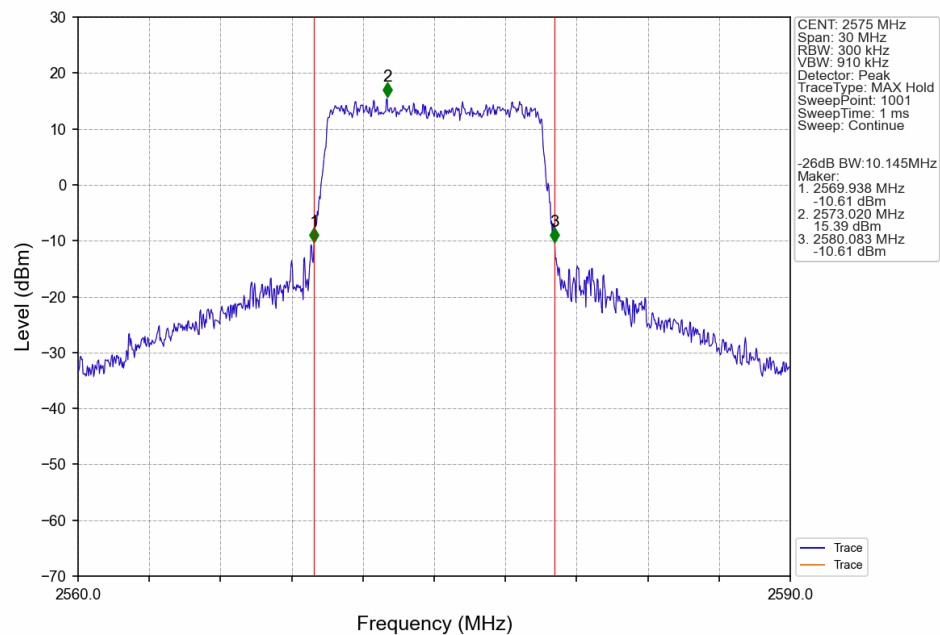
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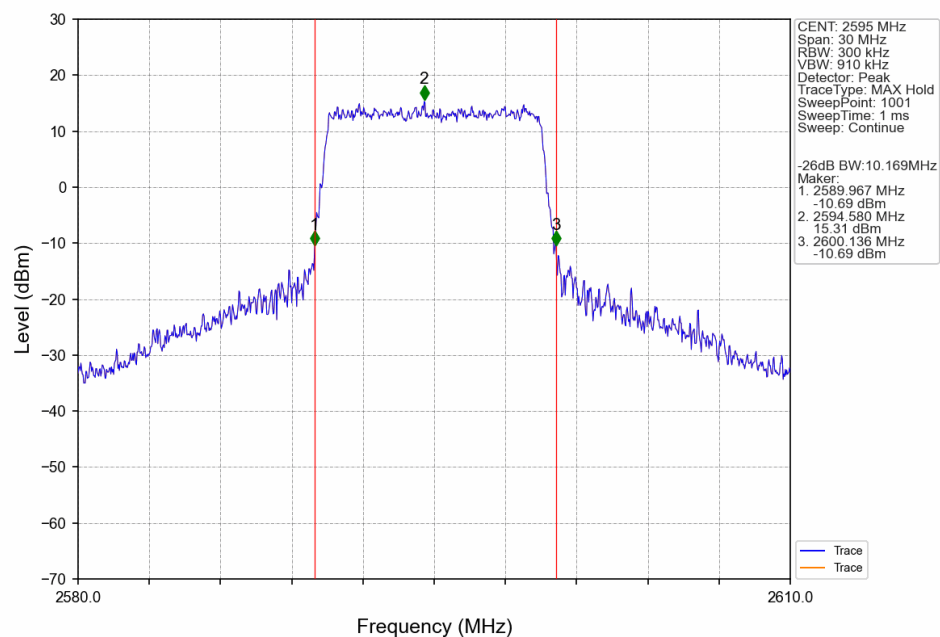
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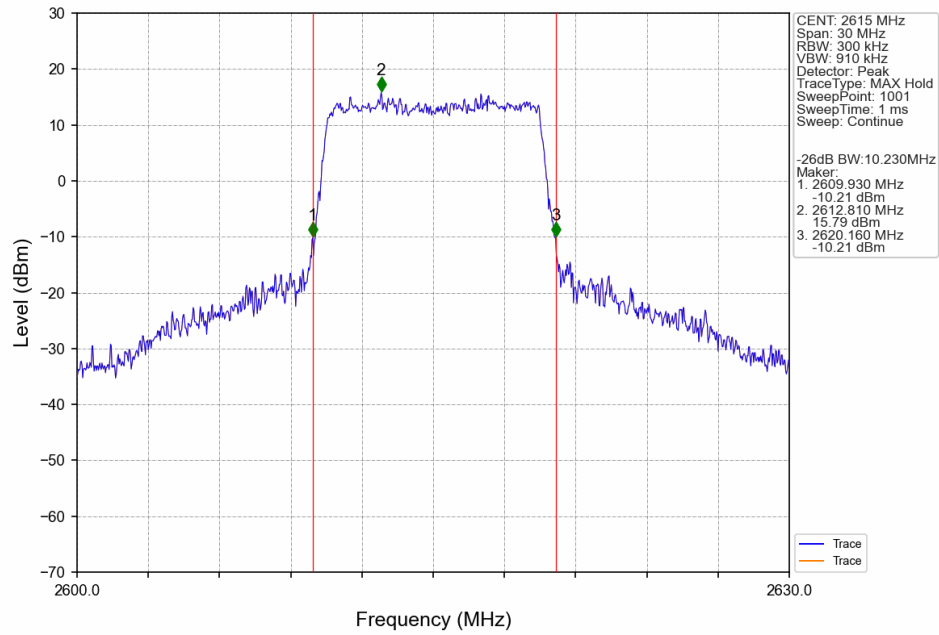
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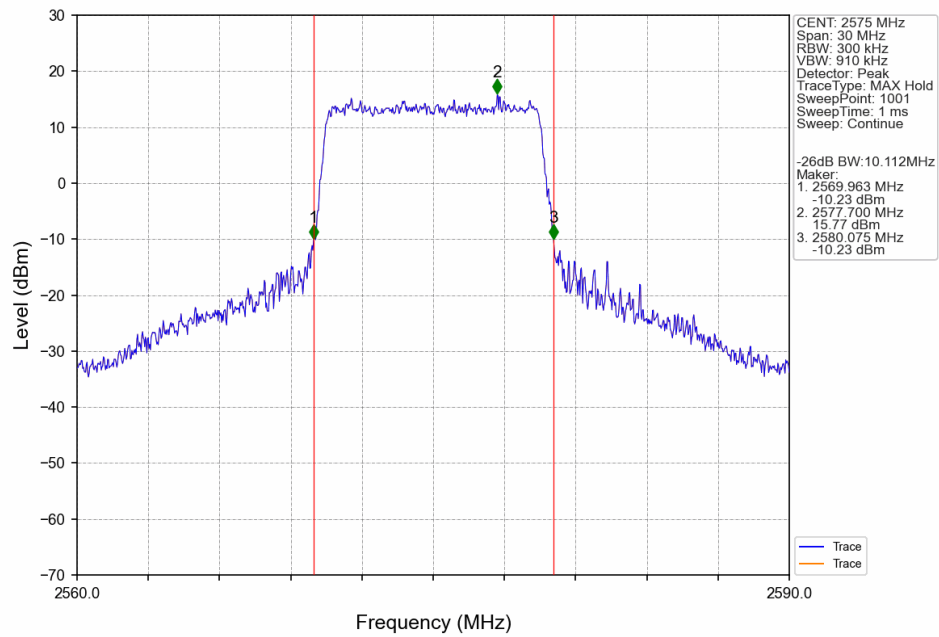
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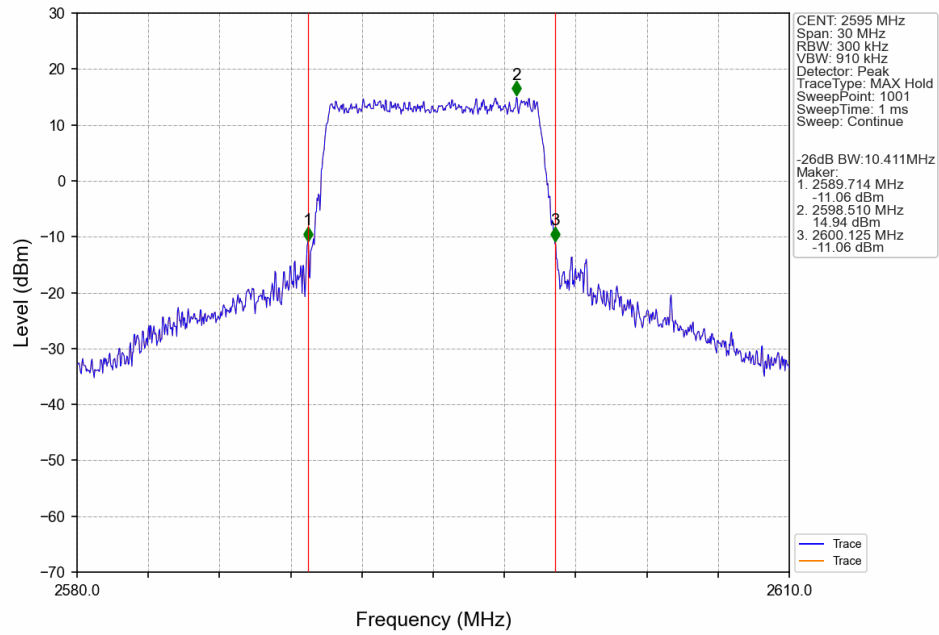
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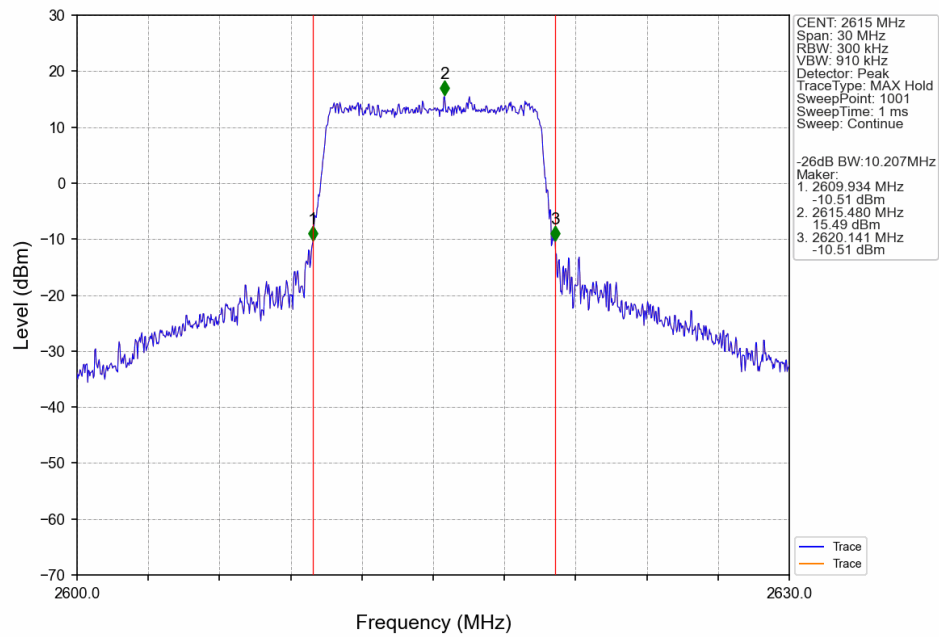
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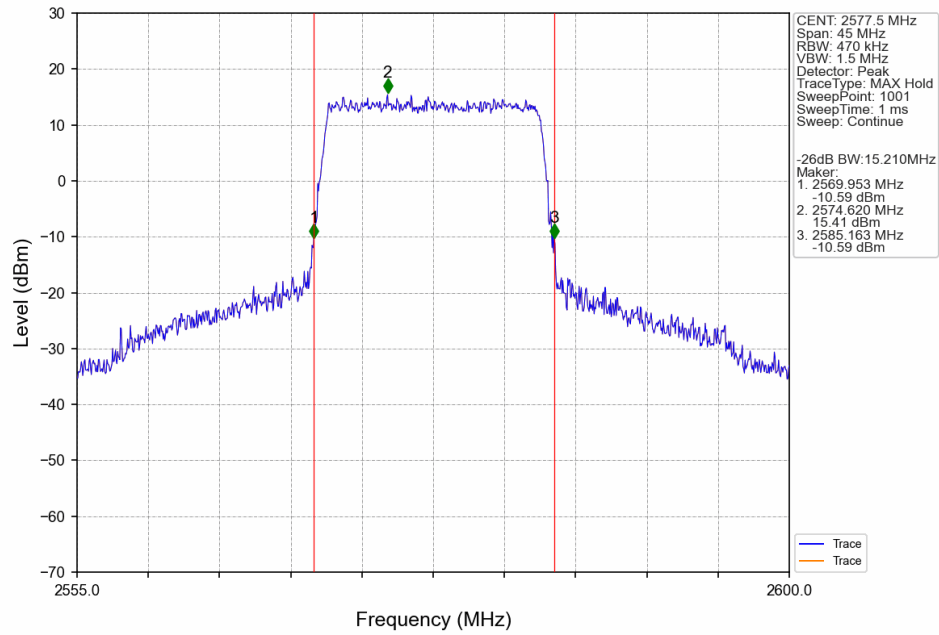
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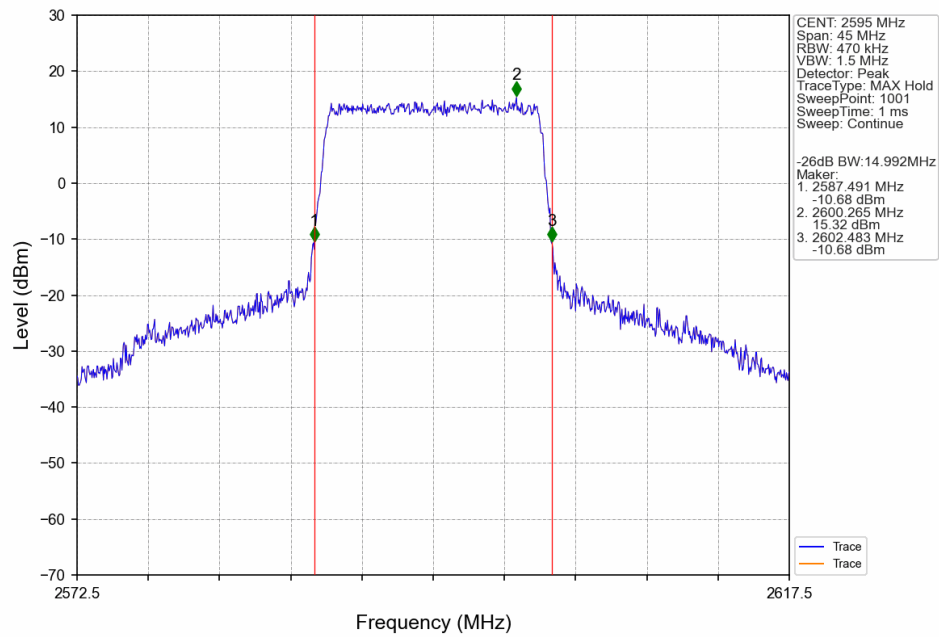
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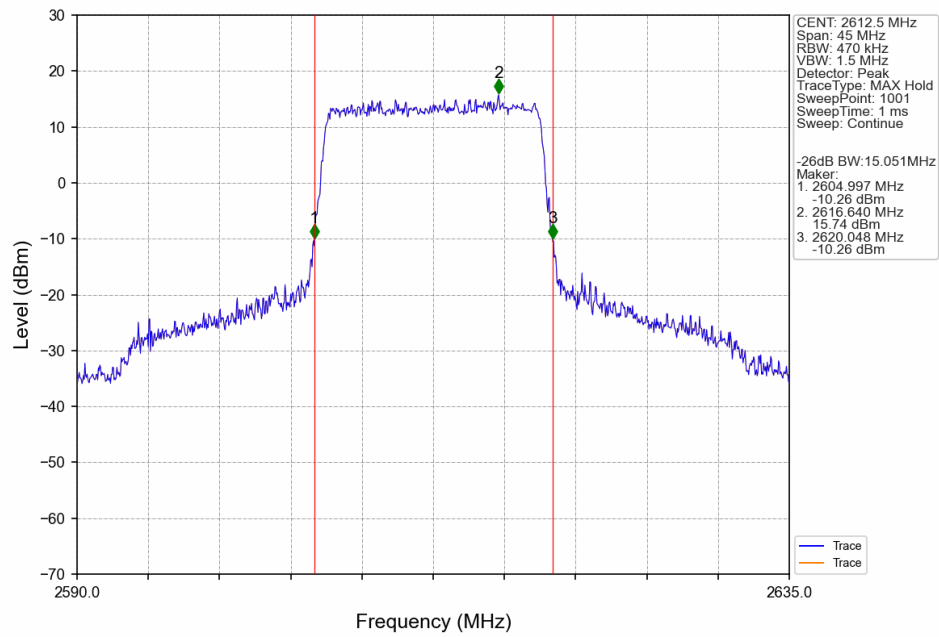
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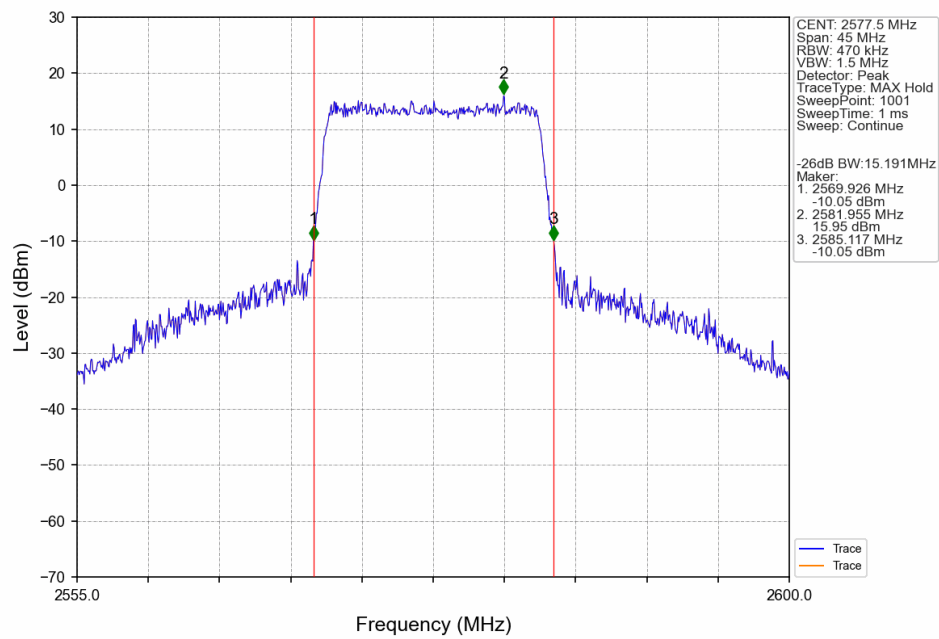
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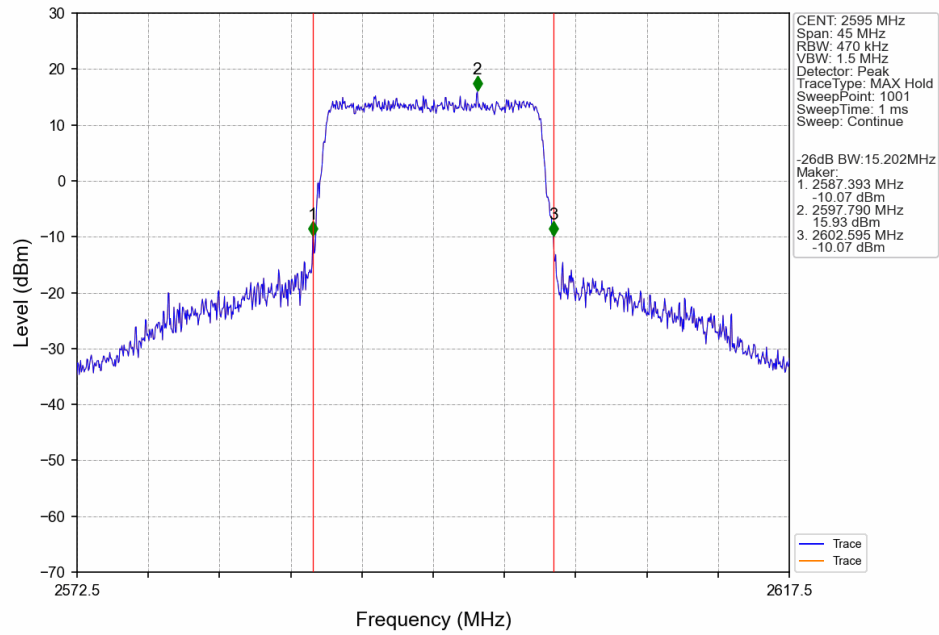
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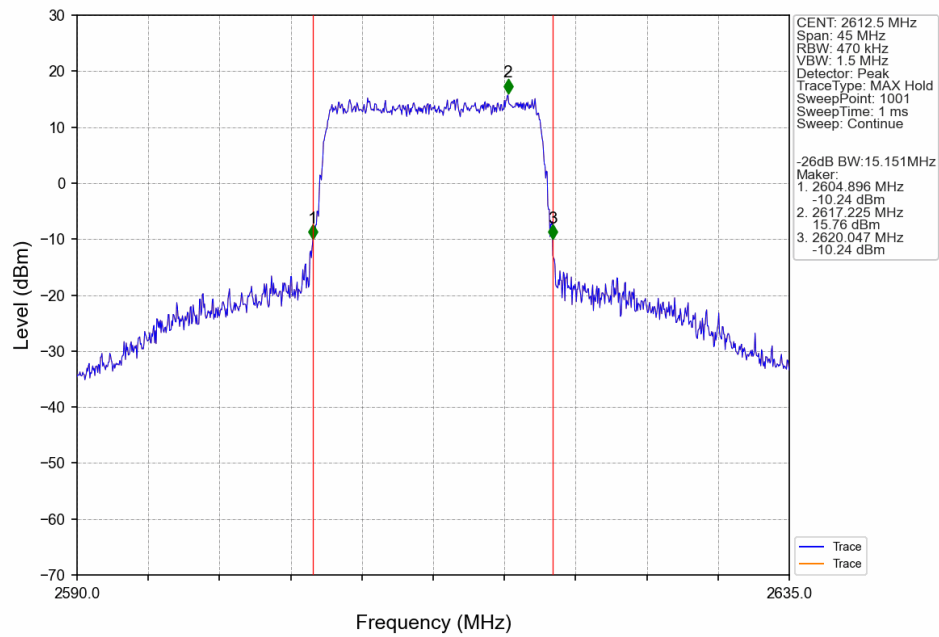
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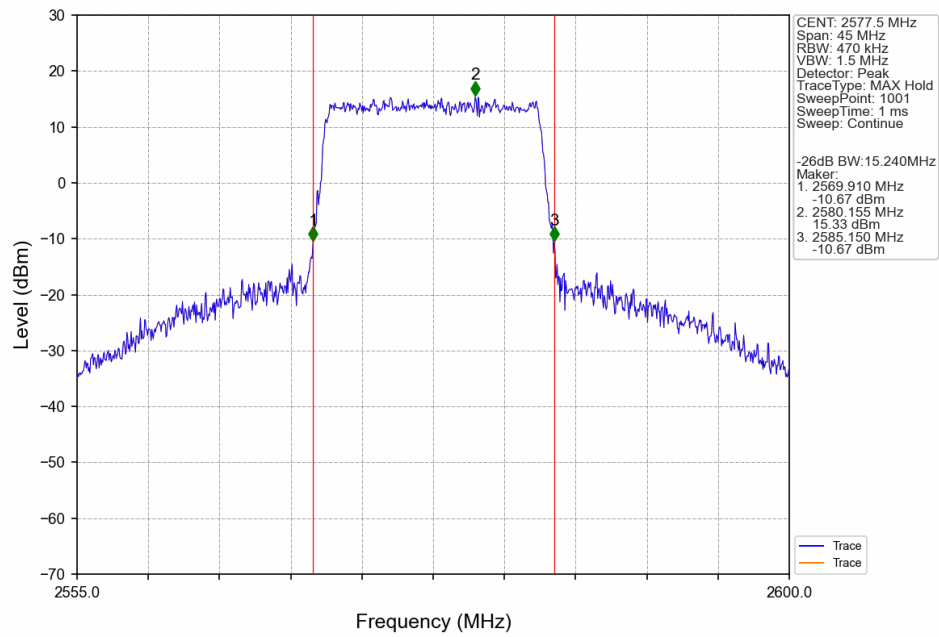
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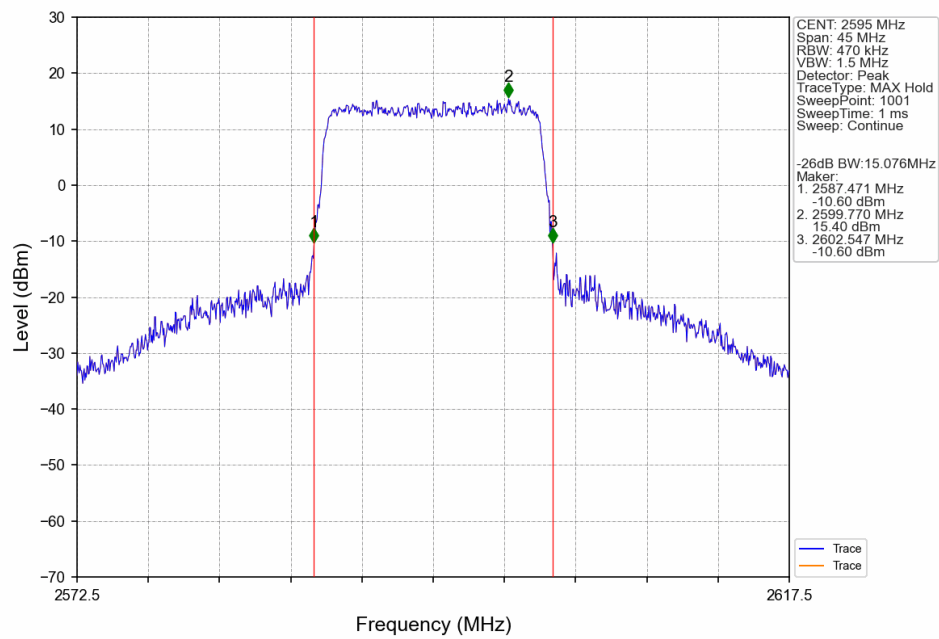
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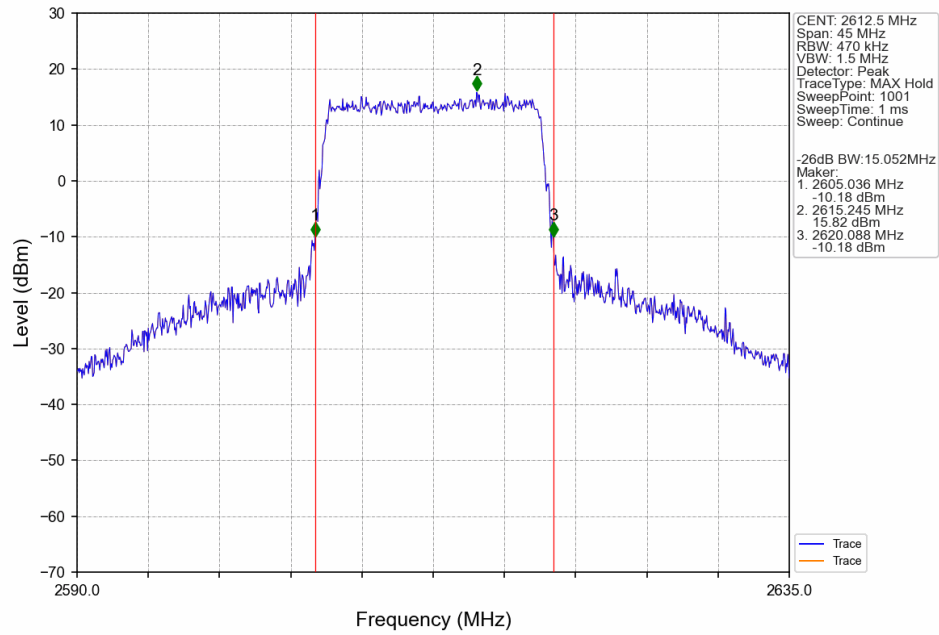
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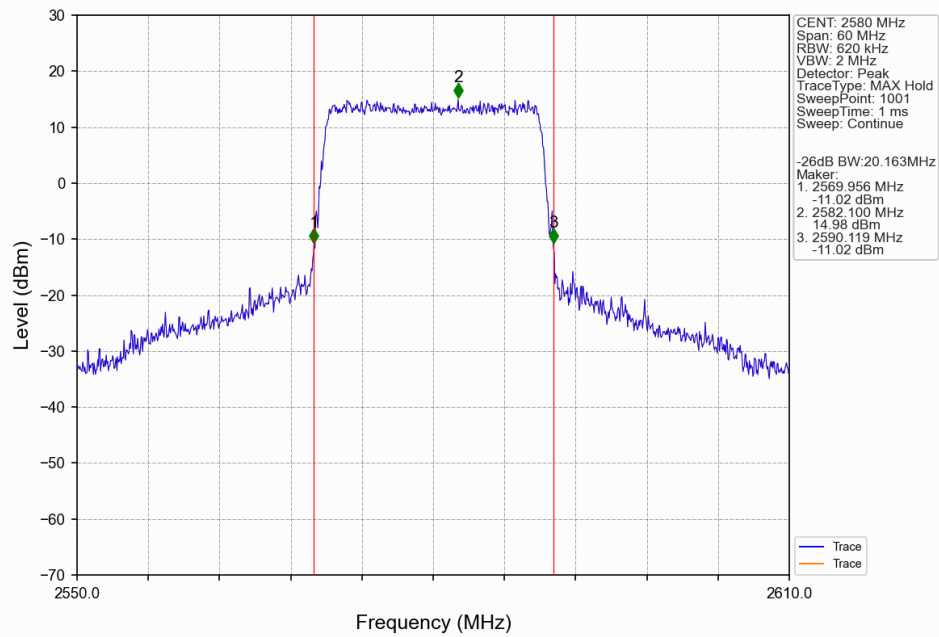
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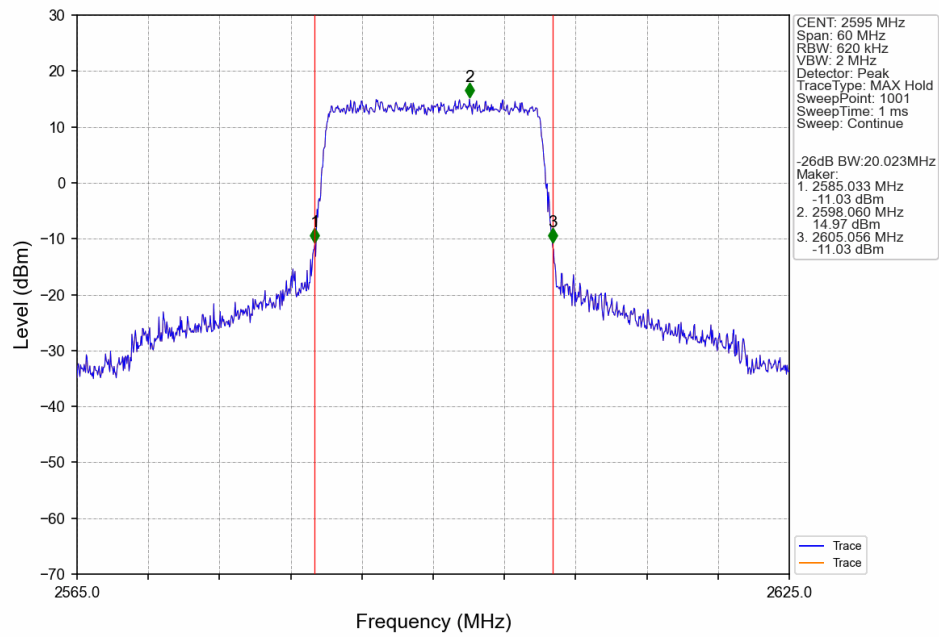
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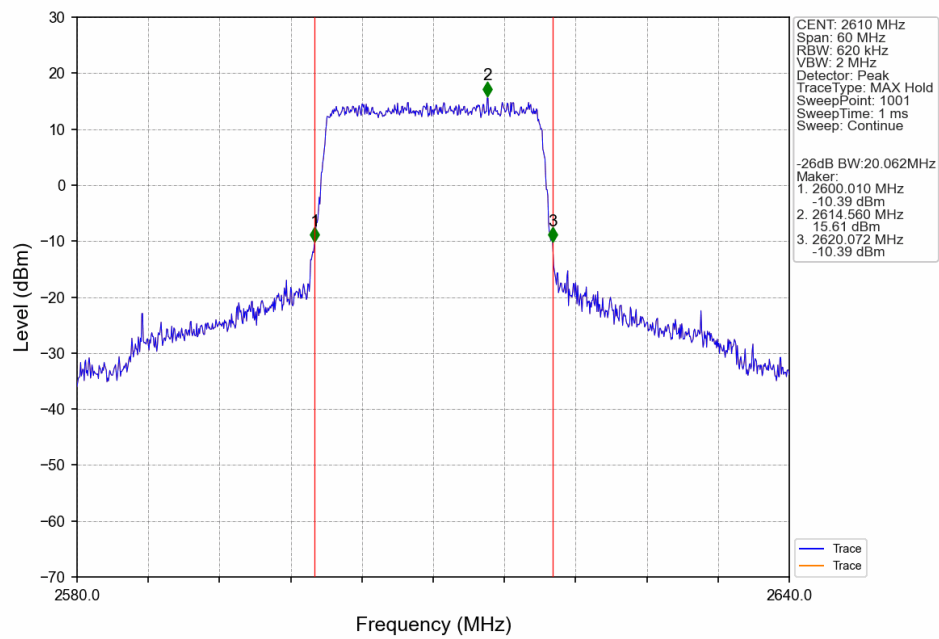
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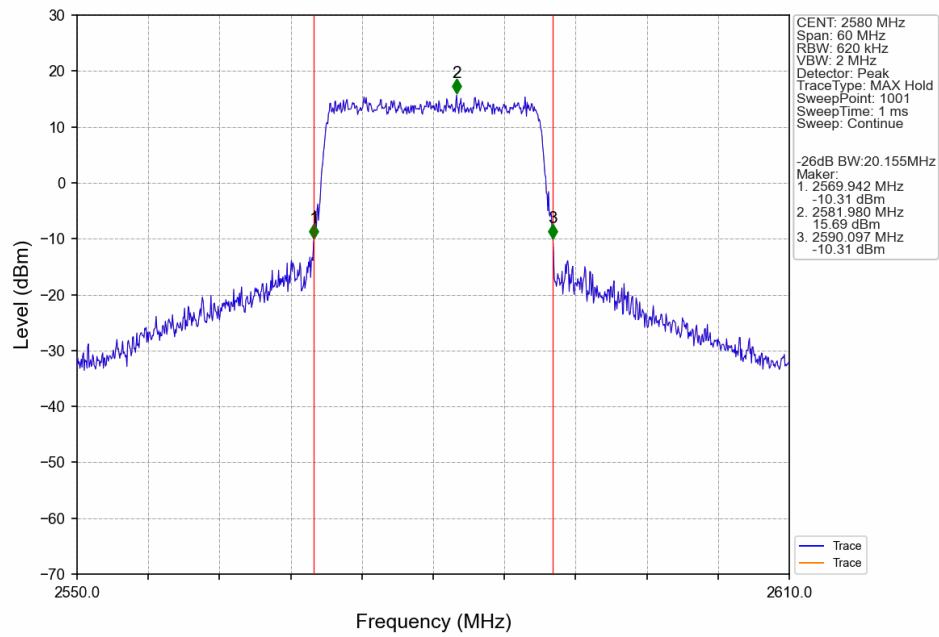
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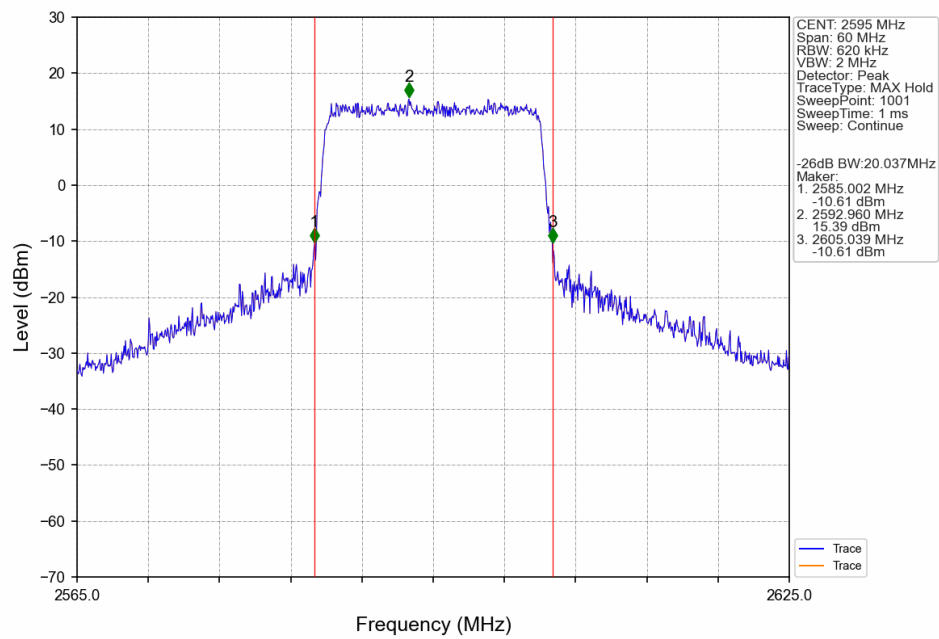
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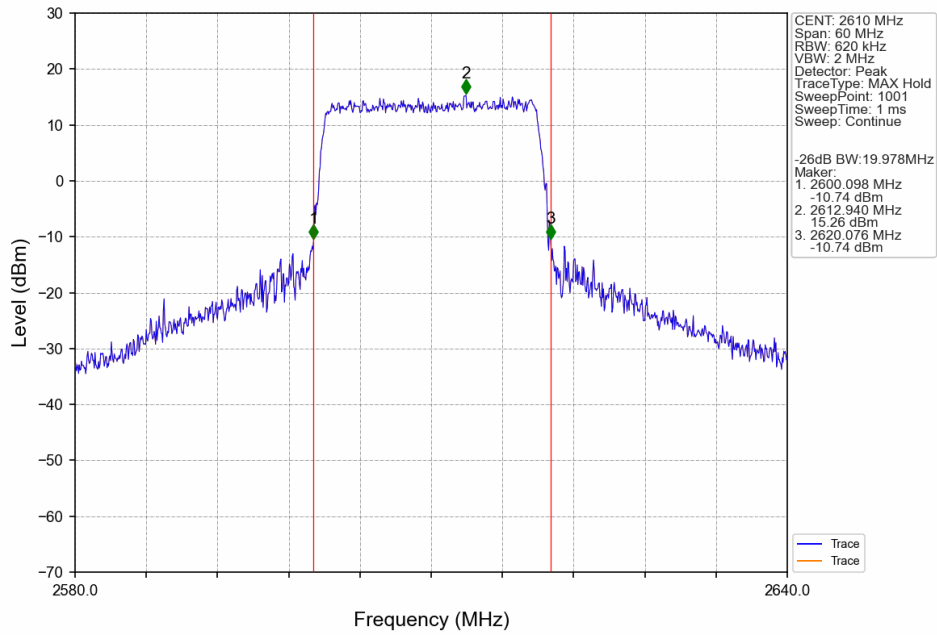
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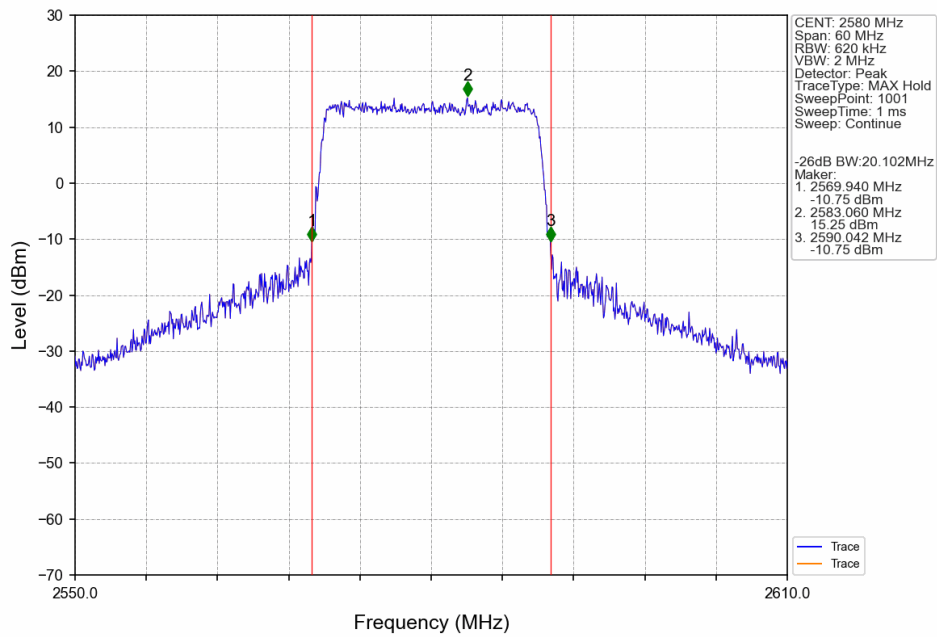
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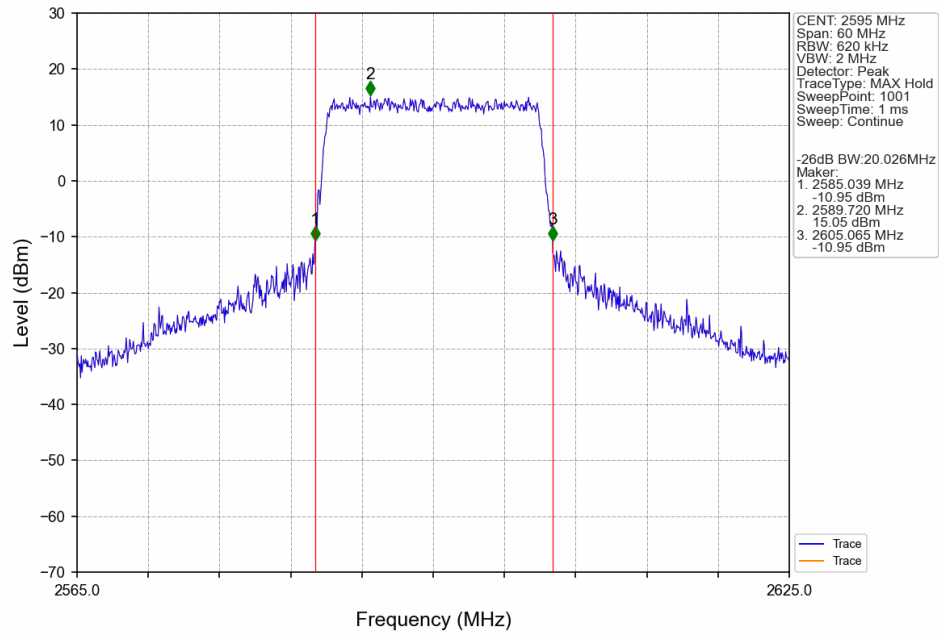
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Band38 20MHz 64QAM LCH 2580MHz RB 100 0 NTN



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV

