

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.71	0.66	24.37	<=33.01	Pass
			13	23.75	0.66	24.41	<=33.01	Pass
			24	23.63	0.66	24.29	<=33.01	Pass
		12	0	22.69	0.66	23.35	<=33.01	Pass
			6	22.81	0.66	23.47	<=33.01	Pass
			13	22.70	0.66	23.36	<=33.01	Pass
		25	0	22.70	0.66	23.36	<=33.01	Pass
	2593	1	0	23.87	0.66	24.53	<=33.01	Pass
			13	24.05	0.66	24.71	<=33.01	Pass
			24	23.79	0.66	24.45	<=33.01	Pass
		12	0	22.91	0.66	23.57	<=33.01	Pass
			6	22.96	0.66	23.62	<=33.01	Pass
			13	22.90	0.66	23.56	<=33.01	Pass
		25	0	22.99	0.66	23.65	<=33.01	Pass
	2687.5	1	0	23.46	0.66	24.12	<=33.01	Pass
			13	23.53	0.66	24.19	<=33.01	Pass
			24	23.48	0.66	24.14	<=33.01	Pass
		12	0	22.57	0.66	23.23	<=33.01	Pass
			6	22.62	0.66	23.28	<=33.01	Pass
			13	22.53	0.66	23.19	<=33.01	Pass
		25	0	22.60	0.66	23.26	<=33.01	Pass
16QAM	2498.5	1	0	22.71	0.66	23.37	<=33.01	Pass
			13	22.66	0.66	23.32	<=33.01	Pass
			24	22.53	0.66	23.19	<=33.01	Pass
		12	0	21.68	0.66	22.34	<=33.01	Pass
			6	21.73	0.66	22.39	<=33.01	Pass
			13	21.70	0.66	22.36	<=33.01	Pass
		25	0	21.74	0.66	22.40	<=33.01	Pass
	2593	1	0	22.84	0.66	23.50	<=33.01	Pass
			13	22.86	0.66	23.52	<=33.01	Pass
			24	22.99	0.66	23.65	<=33.01	Pass
		12	0	21.93	0.66	22.59	<=33.01	Pass
			6	21.96	0.66	22.62	<=33.01	Pass
			13	21.94	0.66	22.60	<=33.01	Pass
		25	0	21.94	0.66	22.60	<=33.01	Pass
	2687.5	1	0	22.44	0.66	23.10	<=33.01	Pass
			13	22.49	0.66	23.15	<=33.01	Pass
			24	22.38	0.66	23.04	<=33.01	Pass
		12	0	21.57	0.66	22.23	<=33.01	Pass
			6	21.61	0.66	22.27	<=33.01	Pass
			13	21.55	0.66	22.21	<=33.01	Pass
		25	0	21.51	0.66	22.17	<=33.01	Pass
64QAM	2498.5	1	0	21.75	0.66	22.41	<=33.01	Pass
			13	21.65	0.66	22.31	<=33.01	Pass
			24	21.63	0.66	22.29	<=33.01	Pass
		12	0	20.70	0.66	21.36	<=33.01	Pass
			6	20.82	0.66	21.48	<=33.01	Pass
			13	20.69	0.66	21.35	<=33.01	Pass
		25	0	20.78	0.66	21.44	<=33.01	Pass

	2593	1	0	21.93	0.66	22.59	<=33.01	Pass
			13	21.92	0.66	22.58	<=33.01	Pass
			24	21.95	0.66	22.61	<=33.01	Pass
		12	0	21.00	0.66	21.66	<=33.01	Pass
			6	21.04	0.66	21.70	<=33.01	Pass
			13	20.96	0.66	21.62	<=33.01	Pass
		25	0	20.96	0.66	21.62	<=33.01	Pass
	2687.5	1	0	21.54	0.66	22.20	<=33.01	Pass
			13	21.55	0.66	22.21	<=33.01	Pass
			24	21.56	0.66	22.22	<=33.01	Pass
		12	0	20.52	0.66	21.18	<=33.01	Pass
			6	20.67	0.66	21.33	<=33.01	Pass
			13	20.55	0.66	21.21	<=33.01	Pass
		25	0	20.61	0.66	21.27	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.71	0.66	24.37	<=33.01	Pass
			25	23.65	0.66	24.31	<=33.01	Pass
			49	23.60	0.66	24.26	<=33.01	Pass
		25	0	22.73	0.66	23.39	<=33.01	Pass
			13	22.77	0.66	23.43	<=33.01	Pass
			25	22.73	0.66	23.39	<=33.01	Pass
		50	0	22.75	0.66	23.41	<=33.01	Pass
	2593	1	0	23.89	0.66	24.55	<=33.01	Pass
			25	23.88	0.66	24.54	<=33.01	Pass
			49	23.83	0.66	24.49	<=33.01	Pass
		25	0	22.85	0.66	23.51	<=33.01	Pass
			13	22.96	0.66	23.62	<=33.01	Pass
			25	22.98	0.66	23.64	<=33.01	Pass
		50	0	22.92	0.66	23.58	<=33.01	Pass
	2685	1	0	23.48	0.66	24.14	<=33.01	Pass
			25	23.48	0.66	24.14	<=33.01	Pass
			49	23.51	0.66	24.17	<=33.01	Pass
		25	0	22.45	0.66	23.11	<=33.01	Pass
			13	22.53	0.66	23.19	<=33.01	Pass
			25	22.58	0.66	23.24	<=33.01	Pass
		50	0	22.56	0.66	23.22	<=33.01	Pass
16QAM	2501	1	0	22.67	0.66	23.33	<=33.01	Pass
			25	22.78	0.66	23.44	<=33.01	Pass
			49	22.70	0.66	23.36	<=33.01	Pass
		25	0	21.67	0.66	22.33	<=33.01	Pass
			13	21.77	0.66	22.43	<=33.01	Pass
			25	21.66	0.66	22.32	<=33.01	Pass
		50	0	21.77	0.66	22.43	<=33.01	Pass
	2593	1	0	22.86	0.66	23.52	<=33.01	Pass
			25	22.89	0.66	23.55	<=33.01	Pass
			49	22.91	0.66	23.57	<=33.01	Pass
		25	0	21.90	0.66	22.56	<=33.01	Pass
			13	21.95	0.66	22.61	<=33.01	Pass
			25	21.91	0.66	22.57	<=33.01	Pass
		50	0	21.99	0.66	22.65	<=33.01	Pass
	2685	1	0	22.47	0.66	23.13	<=33.01	Pass

			25	22.54	0.66	23.20	<=33.01	Pass	
			49	22.58	0.66	23.24	<=33.01	Pass	
		25	0	21.47	0.66	22.13	<=33.01	Pass	
			13	21.51	0.66	22.17	<=33.01	Pass	
			25	21.55	0.66	22.21	<=33.01	Pass	
		50	0	21.52	0.66	22.18	<=33.01	Pass	
64QAM	2501	1	0	21.70	0.66	22.36	<=33.01	Pass	
			25	21.73	0.66	22.39	<=33.01	Pass	
			49	21.66	0.66	22.32	<=33.01	Pass	
		25	0	20.71	0.66	21.37	<=33.01	Pass	
			13	20.75	0.66	21.41	<=33.01	Pass	
			25	20.73	0.66	21.39	<=33.01	Pass	
	50	0	20.72	0.66	21.38	<=33.01	Pass		
	2593	1	0	21.92	0.66	22.58	<=33.01	Pass	
			25	21.90	0.66	22.56	<=33.01	Pass	
			49	21.87	0.66	22.53	<=33.01	Pass	
		25	0	20.94	0.66	21.60	<=33.01	Pass	
			13	21.04	0.66	21.70	<=33.01	Pass	
			25	20.93	0.66	21.59	<=33.01	Pass	
	50	0	20.94	0.66	21.60	<=33.01	Pass		
	2685	1	0	21.51	0.66	22.17	<=33.01	Pass	
			25	21.49	0.66	22.15	<=33.01	Pass	
			49	21.47	0.66	22.13	<=33.01	Pass	
		25	0	20.46	0.66	21.12	<=33.01	Pass	
			13	20.52	0.66	21.18	<=33.01	Pass	
			25	20.54	0.66	21.20	<=33.01	Pass	
	50	0	20.51	0.66	21.17	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.47	0.66	24.13	<=33.01	Pass
			38	23.54	0.66	24.20	<=33.01	Pass
			74	23.39	0.66	24.05	<=33.01	Pass
		36	0	22.52	0.66	23.18	<=33.01	Pass
			18	22.51	0.66	23.17	<=33.01	Pass
			39	22.45	0.66	23.11	<=33.01	Pass
		75	0	22.55	0.66	23.21	<=33.01	Pass
	2593	1	0	23.73	0.66	24.39	<=33.01	Pass
			38	23.67	0.66	24.33	<=33.01	Pass
			74	23.66	0.66	24.32	<=33.01	Pass
		36	0	22.67	0.66	23.33	<=33.01	Pass
			18	22.82	0.66	23.48	<=33.01	Pass
			39	22.79	0.66	23.45	<=33.01	Pass
		75	0	22.80	0.66	23.46	<=33.01	Pass
	2682.5	1	0	23.37	0.66	24.03	<=33.01	Pass
			38	23.33	0.66	23.99	<=33.01	Pass
			74	23.43	0.66	24.09	<=33.01	Pass
		36	0	22.32	0.66	22.98	<=33.01	Pass
			18	22.33	0.66	22.99	<=33.01	Pass
			39	22.39	0.66	23.05	<=33.01	Pass
		75	0	22.36	0.66	23.02	<=33.01	Pass
16QAM	2503.5	1	0	22.45	0.66	23.11	<=33.01	Pass
			38	22.58	0.66	23.24	<=33.01	Pass

			74	22.47	0.66	23.13	<=33.01	Pass	
			36	0	21.49	0.66	22.15	<=33.01	Pass
				18	21.58	0.66	22.24	<=33.01	Pass
				39	21.50	0.66	22.16	<=33.01	Pass
				75	0	21.55	0.66	22.21	<=33.01
		2593	1	0	22.63	0.66	23.29	<=33.01	Pass
				38	22.53	0.66	23.19	<=33.01	Pass
				74	22.66	0.66	23.32	<=33.01	Pass
			36	0	21.72	0.66	22.38	<=33.01	Pass
				18	21.75	0.66	22.41	<=33.01	Pass
	39	21.81		0.66	22.47	<=33.01	Pass		
	75	0	21.80	0.66	22.46	<=33.01	Pass		
	2682.5	1	0	22.38	0.66	23.04	<=33.01	Pass	
			38	22.38	0.66	23.04	<=33.01	Pass	
			74	22.39	0.66	23.05	<=33.01	Pass	
		36	0	21.33	0.66	21.99	<=33.01	Pass	
			18	21.43	0.66	22.09	<=33.01	Pass	
			39	21.39	0.66	22.05	<=33.01	Pass	
		75	0	21.38	0.66	22.04	<=33.01	Pass	
	64QAM	2503.5	1	0	21.61	0.66	22.27	<=33.01	Pass
				38	21.61	0.66	22.27	<=33.01	Pass
				74	21.46	0.66	22.12	<=33.01	Pass
			36	0	20.51	0.66	21.17	<=33.01	Pass
				18	20.59	0.66	21.25	<=33.01	Pass
39				20.47	0.66	21.13	<=33.01	Pass	
75			0	20.58	0.66	21.24	<=33.01	Pass	
2593			1	0	21.81	0.66	22.47	<=33.01	Pass
				38	21.73	0.66	22.39	<=33.01	Pass
				74	21.71	0.66	22.37	<=33.01	Pass
		36	0	20.77	0.66	21.43	<=33.01	Pass	
			18	20.84	0.66	21.50	<=33.01	Pass	
			39	20.79	0.66	21.45	<=33.01	Pass	
75		0	20.87	0.66	21.53	<=33.01	Pass		
2682.5		1	0	21.43	0.66	22.09	<=33.01	Pass	
			38	21.30	0.66	21.96	<=33.01	Pass	
			74	21.40	0.66	22.06	<=33.01	Pass	
		36	0	20.29	0.66	20.95	<=33.01	Pass	
			18	20.40	0.66	21.06	<=33.01	Pass	
			39	20.42	0.66	21.08	<=33.01	Pass	
		75	0	20.41	0.66	21.07	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	23.56	0.66	24.22	<=33.01	Pass
			50	23.49	0.66	24.15	<=33.01	Pass
			99	23.43	0.66	24.09	<=33.01	Pass
		50	0	22.57	0.66	23.23	<=33.01	Pass
			25	22.59	0.66	23.25	<=33.01	Pass
			50	22.50	0.66	23.16	<=33.01	Pass
		100	0	22.52	0.66	23.18	<=33.01	Pass
	2593	1	0	23.87	0.66	24.53	<=33.01	Pass
			50	23.79	0.66	24.45	<=33.01	Pass
			99	23.69	0.66	24.35	<=33.01	Pass

		50	0	22.80	0.66	23.46	<=33.01	Pass		
			25	22.84	0.66	23.50	<=33.01	Pass		
			50	22.72	0.66	23.38	<=33.01	Pass		
		100	0	22.82	0.66	23.48	<=33.01	Pass		
			1	0	23.42	0.66	24.08	<=33.01	Pass	
				50	23.29	0.66	23.95	<=33.01	Pass	
		99		23.38	0.66	24.04	<=33.01	Pass		
		50	0	22.34	0.66	23.00	<=33.01	Pass		
			25	22.34	0.66	23.00	<=33.01	Pass		
	50		22.36	0.66	23.02	<=33.01	Pass			
	100	0	22.43	0.66	23.09	<=33.01	Pass			
	16QAM	2506	1	0	22.52	0.66	23.18	<=33.01	Pass	
50				22.48	0.66	23.14	<=33.01	Pass		
99				22.36	0.66	23.02	<=33.01	Pass		
50			0	21.56	0.66	22.22	<=33.01	Pass		
			25	21.61	0.66	22.27	<=33.01	Pass		
			50	21.57	0.66	22.23	<=33.01	Pass		
100			0	21.51	0.66	22.17	<=33.01	Pass		
2593			1	0	22.69	0.66	23.35	<=33.01	Pass	
				50	22.76	0.66	23.42	<=33.01	Pass	
		99		22.53	0.66	23.19	<=33.01	Pass		
		50	0	21.79	0.66	22.45	<=33.01	Pass		
			25	21.89	0.66	22.55	<=33.01	Pass		
			50	21.74	0.66	22.40	<=33.01	Pass		
		100	0	21.80	0.66	22.46	<=33.01	Pass		
		2680	1	0	22.56	0.66	23.22	<=33.01	Pass	
				50	22.53	0.66	23.19	<=33.01	Pass	
99				22.56	0.66	23.22	<=33.01	Pass		
50			0	21.34	0.66	22.00	<=33.01	Pass		
			25	21.43	0.66	22.09	<=33.01	Pass		
			50	21.42	0.66	22.08	<=33.01	Pass		
100			0	21.41	0.66	22.07	<=33.01	Pass		
64QAM			2506	1	0	21.74	0.66	22.40	<=33.01	Pass
					50	21.46	0.66	22.12	<=33.01	Pass
		99			21.46	0.66	22.12	<=33.01	Pass	
		50		0	20.54	0.66	21.20	<=33.01	Pass	
				25	20.62	0.66	21.28	<=33.01	Pass	
				50	20.52	0.66	21.18	<=33.01	Pass	
		100		0	20.51	0.66	21.17	<=33.01	Pass	
		2593		1	0	21.75	0.66	22.41	<=33.01	Pass
					50	21.83	0.66	22.49	<=33.01	Pass
			99		21.67	0.66	22.33	<=33.01	Pass	
			50	0	20.78	0.66	21.44	<=33.01	Pass	
				25	20.78	0.66	21.44	<=33.01	Pass	
				50	20.82	0.66	21.48	<=33.01	Pass	
		100	0	20.78	0.66	21.44	<=33.01	Pass		
		2680	1	0	21.51	0.66	22.17	<=33.01	Pass	
	50			21.36	0.66	22.02	<=33.01	Pass		
	99			21.35	0.66	22.01	<=33.01	Pass		
	50		0	20.37	0.66	21.03	<=33.01	Pass		
			25	20.43	0.66	21.09	<=33.01	Pass		
			50	20.45	0.66	21.11	<=33.01	Pass		
	100		0	20.48	0.66	21.14	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.6	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	5.300	0.0021	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				0	3.92	6.700	0.0027	-2.5 to 2.5	Pass
				10	3.92	3.500	0.0014	-2.5 to 2.5	Pass
				30	3.92	6.600	0.0026	-2.5 to 2.5	Pass
				40	3.92	4.200	0.0017	-2.5 to 2.5	Pass
				50	3.92	1.900	0.0008	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	1.000	0.0004	-2.5 to 2.5	Pass
					4.53	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				0	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				40	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				50	3.92	2.500	0.0010	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	1.800	0.0007	-2.5 to 2.5	Pass
					3.92	-1.700	-0.0006	-2.5 to 2.5	Pass
					4.53	3.800	0.0014	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	4.500	0.0017	-2.5 to 2.5	Pass
				-10	3.92	-0.400	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				50	3.92	0.500	0.0002	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.6	-1.700	-0.0007	-2.5 to 2.5	Pass
					3.92	2.800	0.0011	-2.5 to 2.5	Pass
					4.53	3.300	0.0013	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				0	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				10	3.92	4.000	0.0016	-2.5 to 2.5	Pass
				30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				50	3.92	2.300	0.0009	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	-1.500	-0.0006	-2.5 to 2.5	Pass
					3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
					4.53	-6.600	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.000	0.0000	-2.5 to 2.5	Pass

				-10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass
				50	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	1.300	0.0005	-2.5 to 2.5	Pass
					3.92	2.700	0.0010	-2.5 to 2.5	Pass
					4.53	4.300	0.0016	-2.5 to 2.5	Pass
				-30	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				0	3.92	2.800	0.0010	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				40	3.92	4.800	0.0018	-2.5 to 2.5	Pass
				50	3.92	2.800	0.0010	-2.5 to 2.5	Pass
64QAM	2498.5	25	0	20	3.6	5.200	0.0021	-2.5 to 2.5	Pass
					3.92	-46.200	-0.0185	-2.5 to 2.5	Pass
					4.53	-30.000	-0.0120	-2.5 to 2.5	Pass
				-30	3.92	24.400	0.0098	-2.5 to 2.5	Pass
				-20	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	5.900	0.0024	-2.5 to 2.5	Pass
				0	3.92	2.700	0.0011	-2.5 to 2.5	Pass
				10	3.92	51.700	0.0207	-2.5 to 2.5	Pass
				30	3.92	7.000	0.0028	-2.5 to 2.5	Pass
				40	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				50	3.92	21.400	0.0086	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	-36.200	-0.0140	-2.5 to 2.5	Pass
					3.92	-59.600	-0.0230	-2.5 to 2.5	Pass
					4.53	-9.300	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	19.300	0.0074	-2.5 to 2.5	Pass
				-20	3.92	-31.500	-0.0121	-2.5 to 2.5	Pass
				-10	3.92	-26.400	-0.0102	-2.5 to 2.5	Pass
				0	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				10	3.92	27.500	0.0106	-2.5 to 2.5	Pass
				30	3.92	-18.600	-0.0072	-2.5 to 2.5	Pass
				40	3.92	12.900	0.0050	-2.5 to 2.5	Pass
				50	3.92	4.700	0.0018	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	13.800	0.0051	-2.5 to 2.5	Pass
					3.92	-50.700	-0.0189	-2.5 to 2.5	Pass
					4.53	-4.200	-0.0016	-2.5 to 2.5	Pass
				-30	3.92	-23.600	-0.0088	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	8.400	0.0031	-2.5 to 2.5	Pass
				0	3.92	12.500	0.0047	-2.5 to 2.5	Pass
				10	3.92	-22.600	-0.0084	-2.5 to 2.5	Pass
				30	3.92	7.800	0.0029	-2.5 to 2.5	Pass
				40	3.92	-18.400	-0.0068	-2.5 to 2.5	Pass
				50	3.92	-22.800	-0.0085	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.6	-0.700	-0.0003	-2.5 to 2.5	Pass

					3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.53	-1.200	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				30	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				40	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				50	3.92	4.200	0.0017	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	-2.200	-0.0008	-2.5 to 2.5	Pass
					3.92	1.100	0.0004	-2.5 to 2.5	Pass
					4.53	4.200	0.0016	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				50	3.92	2.800	0.0011	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	1.100	0.0004	-2.5 to 2.5	Pass
					3.92	1.100	0.0004	-2.5 to 2.5	Pass
					4.53	1.100	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	-0.400	-0.0001	-2.5 to 2.5	Pass
				10	3.92	4.300	0.0016	-2.5 to 2.5	Pass
				30	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.6	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.92	0.400	0.0002	-2.5 to 2.5	Pass
					4.53	-2.100	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				50	3.92	1.300	0.0005	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	0.600	0.0002	-2.5 to 2.5	Pass
					3.92	2.500	0.0010	-2.5 to 2.5	Pass
					4.53	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				0	3.92	2.900	0.0011	-2.5 to 2.5	Pass
				10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.92	2.800	0.0011	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	1.300	0.0005	-2.5 to 2.5	Pass
					3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
					4.53	0.700	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0003	-2.5 to 2.5	Pass

64QAM				-10	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				40	3.92	1.300	0.0005	-2.5 to 2.5	Pass
	2501	50	0	50	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				20	3.6	-13.700	-0.0055	-2.5 to 2.5	Pass
					3.92	27.200	0.0109	-2.5 to 2.5	Pass
					4.53	-10.600	-0.0042	-2.5 to 2.5	Pass
				-30	3.92	-18.500	-0.0074	-2.5 to 2.5	Pass
				-20	3.92	14.600	0.0058	-2.5 to 2.5	Pass
				-10	3.92	-7.000	-0.0028	-2.5 to 2.5	Pass
				0	3.92	6.900	0.0028	-2.5 to 2.5	Pass
				10	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-17.300	-0.0069	-2.5 to 2.5	Pass
	2593	50	0	40	3.92	-7.900	-0.0032	-2.5 to 2.5	Pass
				50	3.92	9.200	0.0037	-2.5 to 2.5	Pass
				20	3.6	-16.300	-0.0063	-2.5 to 2.5	Pass
					3.92	-4.400	-0.0017	-2.5 to 2.5	Pass
					4.53	-18.300	-0.0071	-2.5 to 2.5	Pass
				-30	3.92	20.800	0.0080	-2.5 to 2.5	Pass
				-20	3.92	-9.000	-0.0035	-2.5 to 2.5	Pass
				-10	3.92	-11.300	-0.0044	-2.5 to 2.5	Pass
				0	3.92	-11.800	-0.0046	-2.5 to 2.5	Pass
				10	3.92	-16.400	-0.0063	-2.5 to 2.5	Pass
	2685	50	0	30	3.92	-18.200	-0.0070	-2.5 to 2.5	Pass
				40	3.92	-7.100	-0.0027	-2.5 to 2.5	Pass
				50	3.92	-21.900	-0.0084	-2.5 to 2.5	Pass
				20	3.6	0.800	0.0003	-2.5 to 2.5	Pass
					3.92	6.800	0.0025	-2.5 to 2.5	Pass
					4.53	4.700	0.0018	-2.5 to 2.5	Pass
				-30	3.92	-4.400	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	14.200	0.0053	-2.5 to 2.5	Pass
				-10	3.92	-11.300	-0.0042	-2.5 to 2.5	Pass
				0	3.92	12.400	0.0046	-2.5 to 2.5	Pass
				10	3.92	7.700	0.0029	-2.5 to 2.5	Pass
				30	3.92	-12.200	-0.0045	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				50	3.92	23.100	0.0086	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.6	2.800	0.0011	-2.5 to 2.5	Pass
					3.92	10.300	0.0041	-2.5 to 2.5	Pass
					4.53	-2.500	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.200	0.0009	-2.5 to 2.5	Pass
				0	3.92	4.900	0.0020	-2.5 to 2.5	Pass
				10	3.92	5.200	0.0021	-2.5 to 2.5	Pass
				30	3.92	6.700	0.0027	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	4.400	0.0018	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	2.700	0.0010	-2.5 to 2.5	Pass

					3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
					4.53	-1.900	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-20	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				0	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				40	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.92	0.700	0.0003	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-2.300	-0.0009	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	3.000	0.0011	-2.5 to 2.5	Pass
				-30	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				-10	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				0	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				10	3.92	-2.800	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0008	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.6	3.100	0.0012	-2.5 to 2.5	Pass
					3.92	6.100	0.0024	-2.5 to 2.5	Pass
					4.53	-1.900	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	1.900	0.0008	-2.5 to 2.5	Pass
				-20	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				-10	3.92	5.800	0.0023	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0004	-2.5 to 2.5	Pass
				30	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				40	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	1.000	0.0004	-2.5 to 2.5	Pass
					3.92	0.400	0.0002	-2.5 to 2.5	Pass
					4.53	-0.300	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-2.200	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	1.800	0.0007	-2.5 to 2.5	Pass
					3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
					4.53	1.700	0.0006	-2.5 to 2.5	Pass
				-30	3.92	2.500	0.0009	-2.5 to 2.5	Pass
				-20	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-5.000	-0.0019	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0008	-2.5 to 2.5	Pass
64QAM	2503.5	75	0	20	3.6	-1.100	-0.0004	-2.5 to 2.5	Pass
					3.92	3.600	0.0014	-2.5 to 2.5	Pass
					4.53	5.600	0.0022	-2.5 to 2.5	Pass
				-30	3.92	5.700	0.0023	-2.5 to 2.5	Pass
				-20	3.92	3.300	0.0013	-2.5 to 2.5	Pass

				-10	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				0	3.92	-12.800	-0.0051	-2.5 to 2.5	Pass
				10	3.92	5.700	0.0023	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.92	15.500	0.0062	-2.5 to 2.5	Pass
				50	3.92	14.800	0.0059	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	-0.600	-0.0002	-2.5 to 2.5	Pass
					3.92	10.300	0.0040	-2.5 to 2.5	Pass
					4.53	-5.000	-0.0019	-2.5 to 2.5	Pass
				-30	3.92	-8.900	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	-9.900	-0.0038	-2.5 to 2.5	Pass
				-10	3.92	-4.700	-0.0018	-2.5 to 2.5	Pass
				0	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				10	3.92	8.300	0.0032	-2.5 to 2.5	Pass
				30	3.92	3.000	0.0012	-2.5 to 2.5	Pass
				40	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				50	3.92	-6.700	-0.0026	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-13.600	-0.0051	-2.5 to 2.5	Pass
					3.92	11.500	0.0043	-2.5 to 2.5	Pass
					4.53	-11.800	-0.0044	-2.5 to 2.5	Pass
				-30	3.92	10.200	0.0038	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	-5.600	-0.0021	-2.5 to 2.5	Pass
				30	3.92	6.600	0.0025	-2.5 to 2.5	Pass
				40	3.92	5.500	0.0021	-2.5 to 2.5	Pass
				50	3.92	9.600	0.0036	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.6	2.800	0.0011	-2.5 to 2.5	Pass
					3.92	2.300	0.0009	-2.5 to 2.5	Pass
					4.53	2.600	0.0010	-2.5 to 2.5	Pass
				-30	3.92	3.800	0.0015	-2.5 to 2.5	Pass
				-20	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				-10	3.92	3.400	0.0014	-2.5 to 2.5	Pass
				0	3.92	3.800	0.0015	-2.5 to 2.5	Pass
				10	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				40	3.92	-2.400	-0.0010	-2.5 to 2.5	Pass
				50	3.92	8.000	0.0032	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-4.400	-0.0017	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	-0.600	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				0	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				10	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0004	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-0.300	-0.0001	-2.5 to 2.5	Pass

					3.92	2.200	0.0008	-2.5 to 2.5	Pass
					4.53	0.600	0.0002	-2.5 to 2.5	Pass
				-30	3.92	4.200	0.0016	-2.5 to 2.5	Pass
				-20	3.92	4.400	0.0016	-2.5 to 2.5	Pass
				-10	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				0	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-1.200	-0.0004	-2.5 to 2.5	Pass
				40	3.92	-3.700	-0.0014	-2.5 to 2.5	Pass
				50	3.92	-3.800	-0.0014	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.6	-1.100	-0.0004	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	3.700	0.0015	-2.5 to 2.5	Pass
				-30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				0	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.92	5.800	0.0023	-2.5 to 2.5	Pass
				40	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	3.92	3.100	0.0012	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-5.900	-0.0023	-2.5 to 2.5	Pass
					3.92	0.700	0.0003	-2.5 to 2.5	Pass
					4.53	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	-3.700	-0.0014	-2.5 to 2.5	Pass
				40	3.92	-4.800	-0.0019	-2.5 to 2.5	Pass
				50	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-0.400	-0.0001	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
					4.53	-4.600	-0.0017	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-1.700	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0004	-2.5 to 2.5	Pass
				10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				40	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
64QAM	2506	100	0	20	3.6	-9.200	-0.0037	-2.5 to 2.5	Pass
					3.92	9.000	0.0036	-2.5 to 2.5	Pass
					4.53	20.500	0.0082	-2.5 to 2.5	Pass
				-30	3.92	6.200	0.0025	-2.5 to 2.5	Pass
				-20	3.92	-10.700	-0.0043	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.92	4.000	0.0016	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-23.000	-0.0092	-2.5 to 2.5	Pass
				40	3.92	4.200	0.0017	-2.5 to 2.5	Pass
				50	3.92	-6.200	-0.0025	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-7.400	-0.0029	-2.5 to 2.5	Pass
					3.92	-7.900	-0.0030	-2.5 to 2.5	Pass
					4.53	-11.600	-0.0045	-2.5 to 2.5	Pass
				-30	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				-20	3.92	14.900	0.0057	-2.5 to 2.5	Pass

				-10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.92	-7.600	-0.0029	-2.5 to 2.5	Pass
				10	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-6.000	-0.0023	-2.5 to 2.5	Pass
				40	3.92	-20.100	-0.0078	-2.5 to 2.5	Pass
				50	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-1.600	-0.0006	-2.5 to 2.5	Pass
					3.92	0.400	0.0001	-2.5 to 2.5	Pass
					4.53	-3.900	-0.0015	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	6.600	0.0025	-2.5 to 2.5	Pass
				0	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-9.900	-0.0037	-2.5 to 2.5	Pass
				40	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				50	3.92	5.800	0.0022	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.540	/	Pass
		2593	25	0	4.562	/	Pass
		2687.5	25	0	4.543	/	Pass
	16QAM	2498.5	25	0	4.534	/	Pass
		2593	25	0	4.563	/	Pass
		2687.5	25	0	4.535	/	Pass
	64QAM	2498.5	25	0	4.566	/	Pass
		2593	25	0	4.561	/	Pass
		2687.5	25	0	4.550	/	Pass
10	QPSK	2501	50	0	9.057	/	Pass
		2593	50	0	9.068	/	Pass
		2685	50	0	9.090	/	Pass
	16QAM	2501	50	0	9.073	/	Pass
		2593	50	0	9.067	/	Pass
		2685	50	0	9.101	/	Pass
	64QAM	2501	50	0	9.086	/	Pass
		2593	50	0	9.096	/	Pass
		2685	50	0	9.071	/	Pass
15	QPSK	2503.5	75	0	13.604	/	Pass
		2593	75	0	13.610	/	Pass
		2682.5	75	0	13.637	/	Pass
	16QAM	2503.5	75	0	13.592	/	Pass
		2593	75	0	13.585	/	Pass
		2682.5	75	0	13.577	/	Pass
	64QAM	2503.5	75	0	13.590	/	Pass
		2593	75	0	13.582	/	Pass
		2682.5	75	0	13.638	/	Pass
20	QPSK	2506	100	0	18.116	/	Pass
		2593	100	0	18.136	/	Pass
		2680	100	0	18.124	/	Pass
	16QAM	2506	100	0	18.171	/	Pass
		2593	100	0	18.124	/	Pass
		2680	100	0	18.104	/	Pass
	64QAM	2506	100	0	18.075	/	Pass
		2593	100	0	18.145	/	Pass
		2680	100	0	18.098	/	Pass

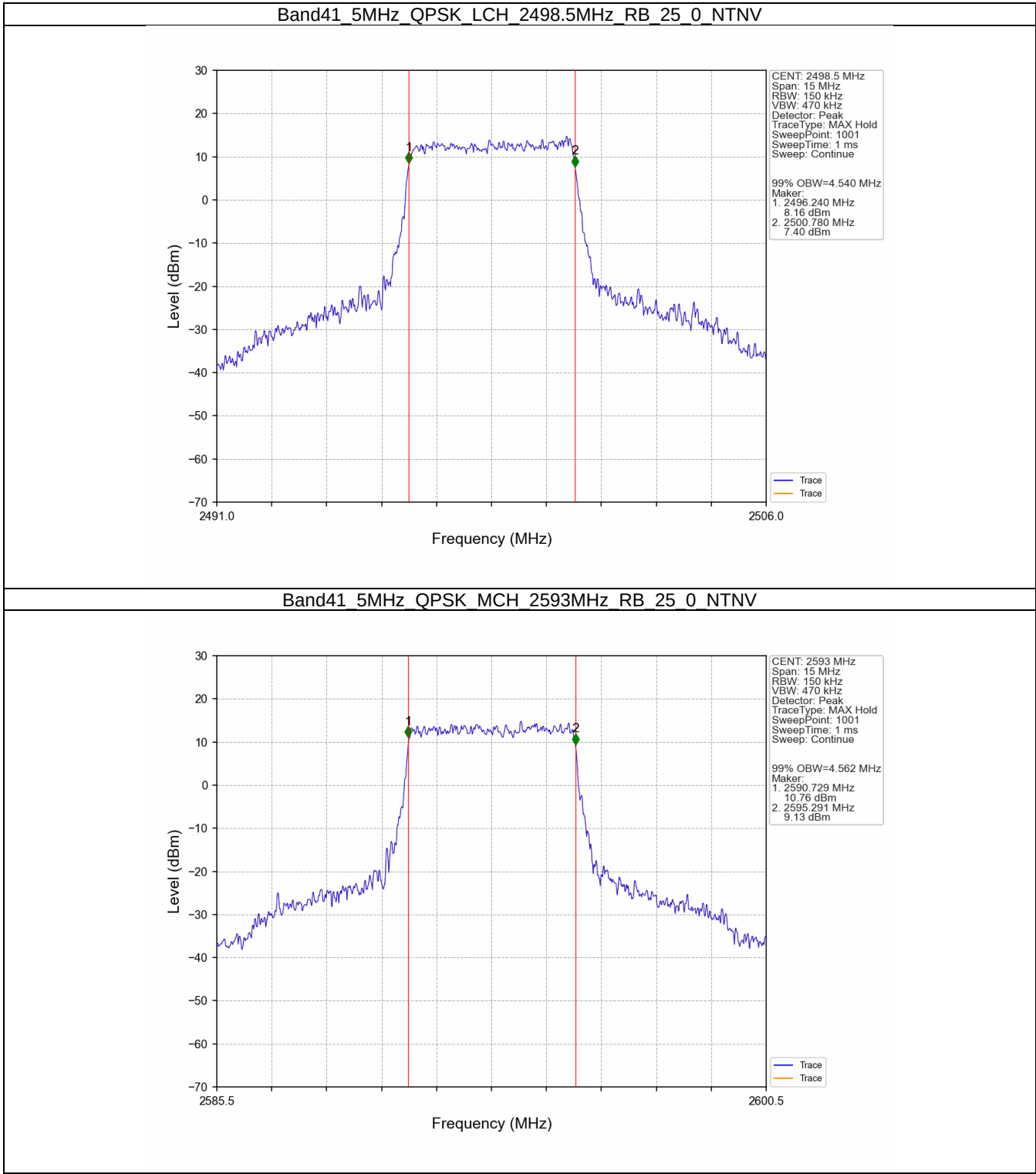
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.201	/	Pass
		2593	25	0	5.227	/	Pass
		2687.5	25	0	5.176	/	Pass

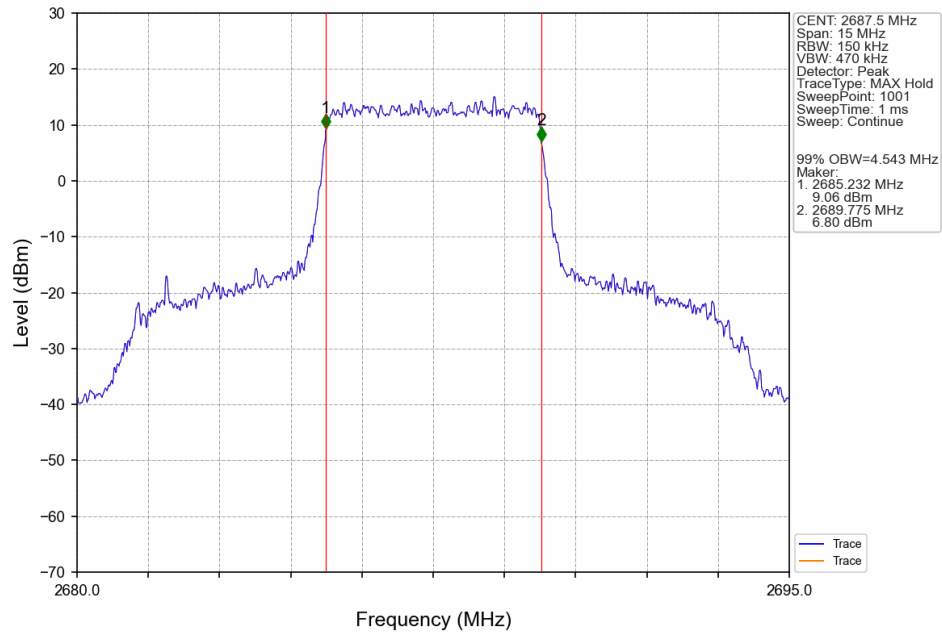
	16QAM	2498.5	25	0	5.183	/	Pass
		2593	25	0	5.209	/	Pass
		2687.5	25	0	5.248	/	Pass
	64QAM	2498.5	25	0	5.179	/	Pass
		2593	25	0	5.256	/	Pass
		2687.5	25	0	5.213	/	Pass
10	QPSK	2501	50	0	10.161	/	Pass
		2593	50	0	10.182	/	Pass
		2685	50	0	10.182	/	Pass
	16QAM	2501	50	0	10.113	/	Pass
		2593	50	0	10.174	/	Pass
		2685	50	0	10.286	/	Pass
	64QAM	2501	50	0	10.199	/	Pass
		2593	50	0	10.270	/	Pass
		2685	50	0	10.187	/	Pass
15	QPSK	2503.5	75	0	15.278	/	Pass
		2593	75	0	15.070	/	Pass
		2682.5	75	0	15.270	/	Pass
	16QAM	2503.5	75	0	15.108	/	Pass
		2593	75	0	15.219	/	Pass
		2682.5	75	0	15.043	/	Pass
	64QAM	2503.5	75	0	15.168	/	Pass
		2593	75	0	15.105	/	Pass
		2682.5	75	0	15.077	/	Pass
20	QPSK	2506	100	0	20.066	/	Pass
		2593	100	0	20.099	/	Pass
		2680	100	0	20.069	/	Pass
	16QAM	2506	100	0	20.162	/	Pass
		2593	100	0	19.980	/	Pass
		2680	100	0	19.994	/	Pass
	64QAM	2506	100	0	20.079	/	Pass
		2593	100	0	20.219	/	Pass
		2680	100	0	19.894	/	Pass

3.2 Test Graph

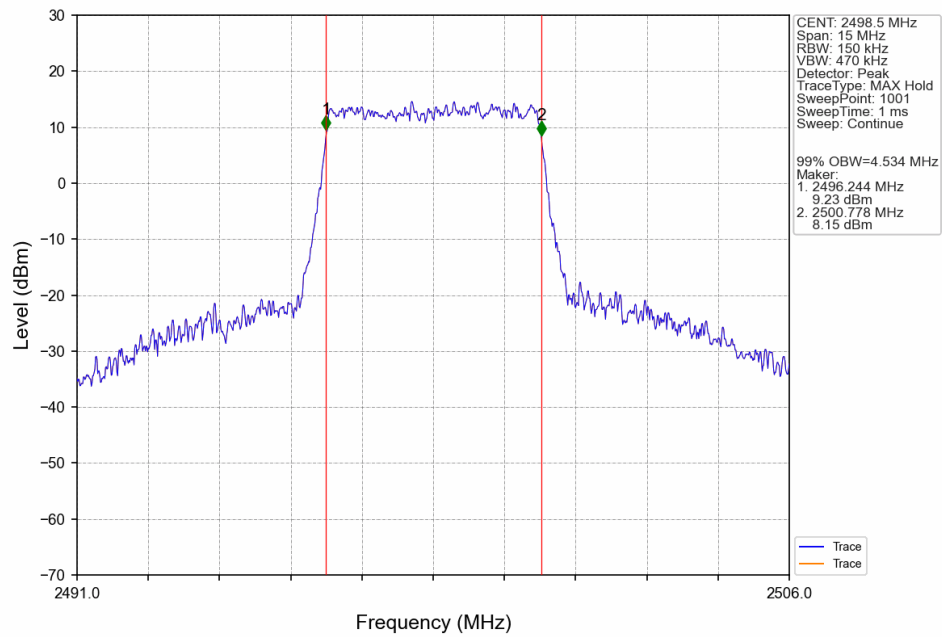
3.2.1 Band41_OBW



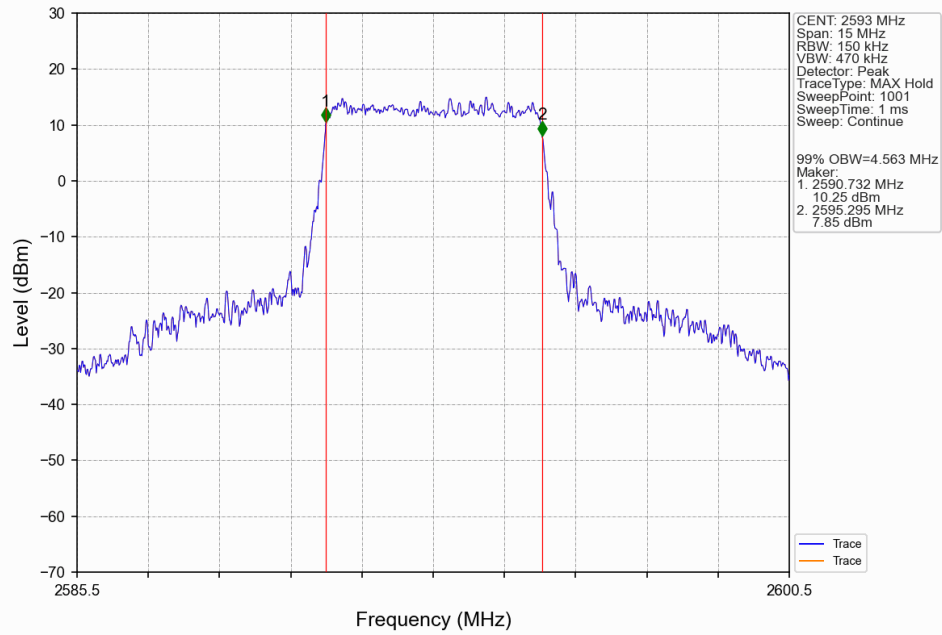
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



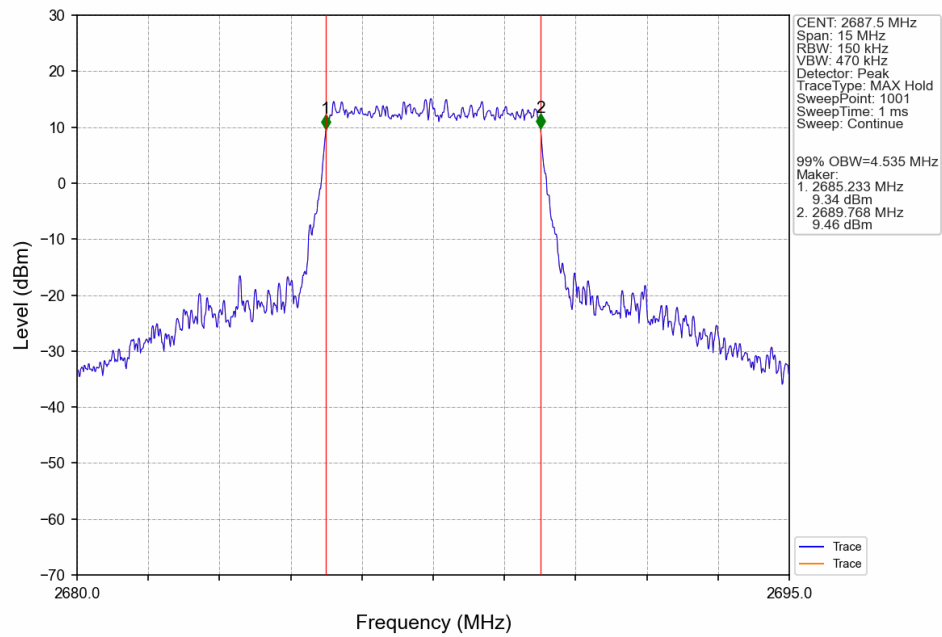
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



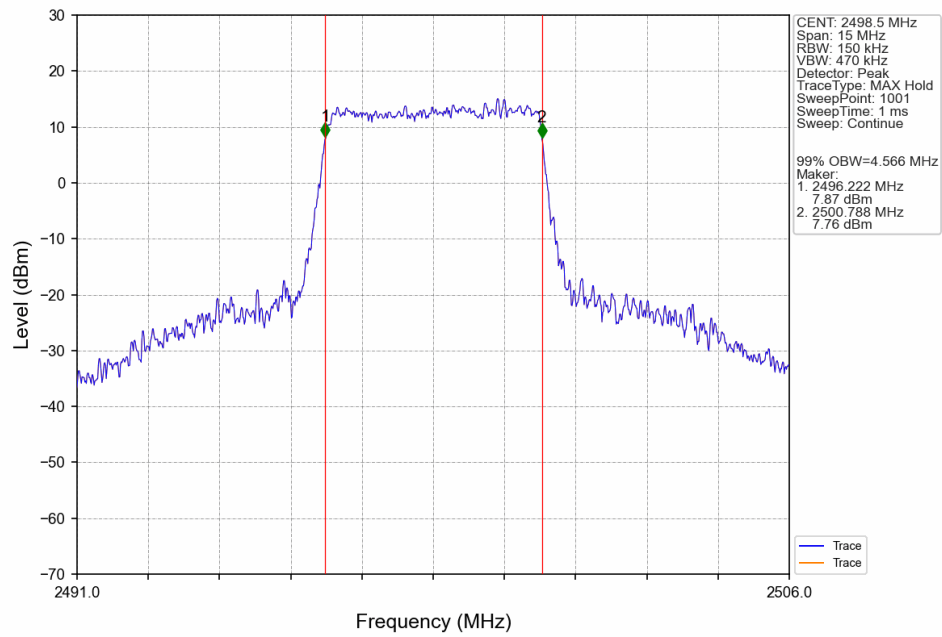
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



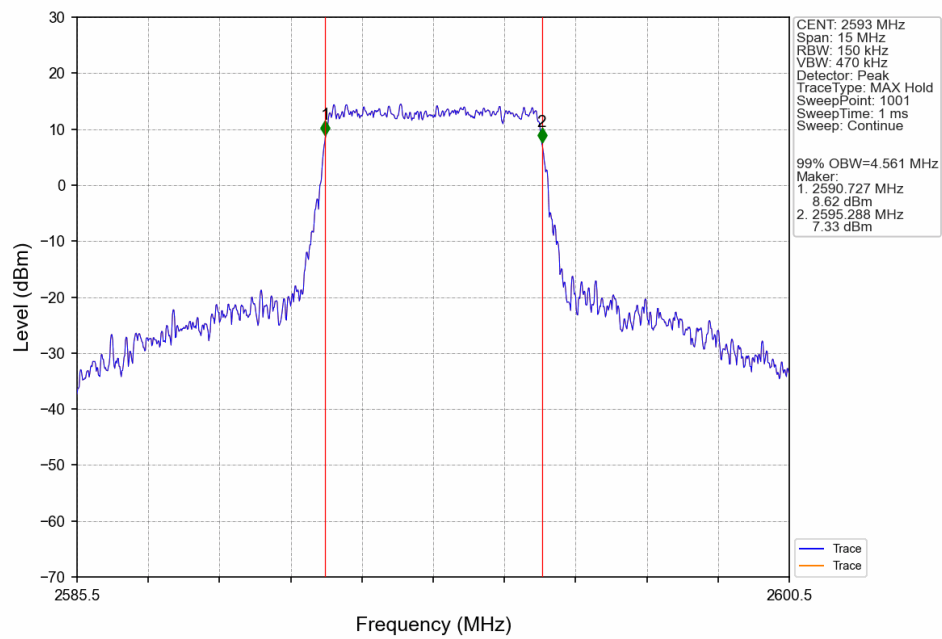
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



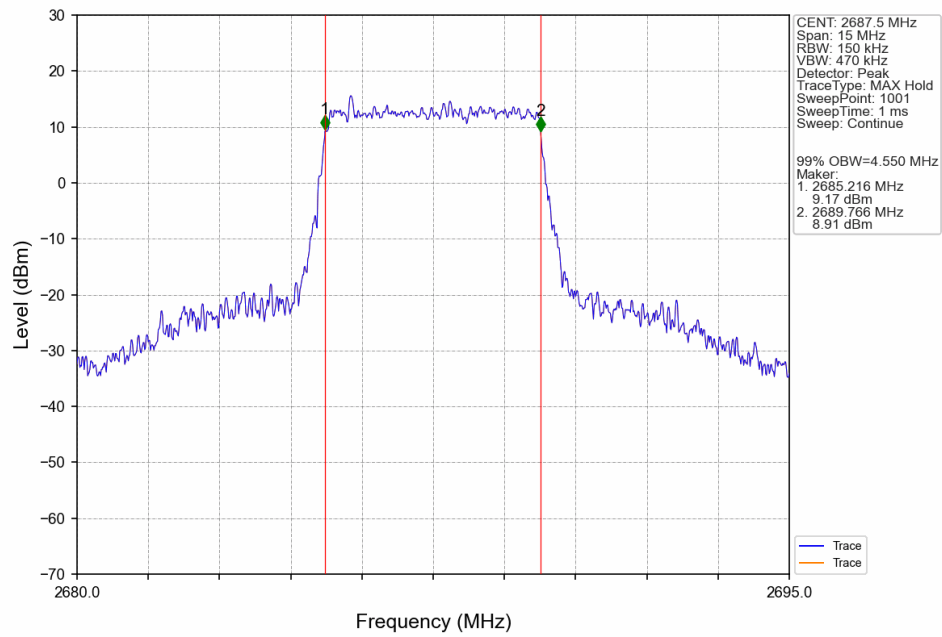
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



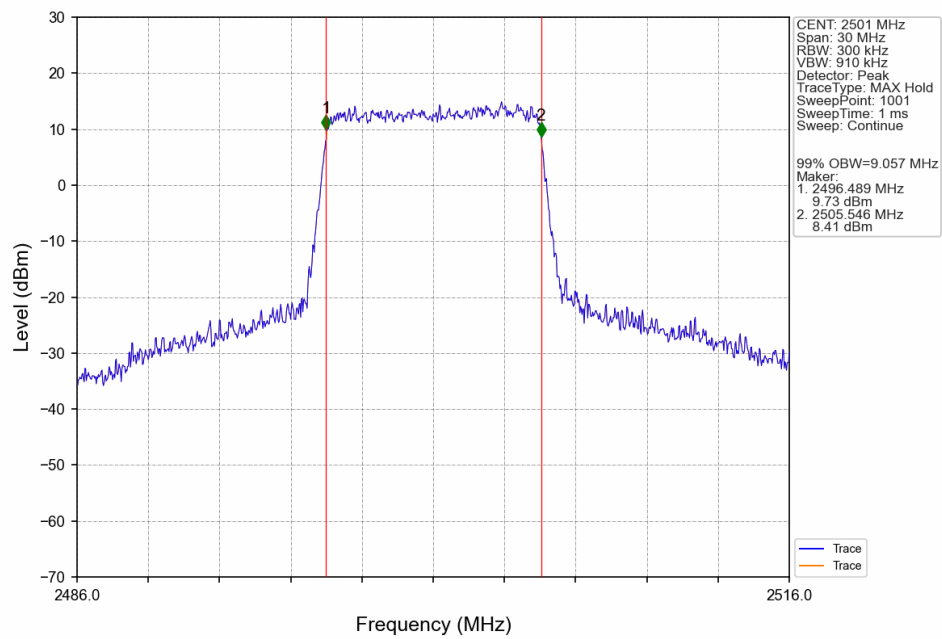
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



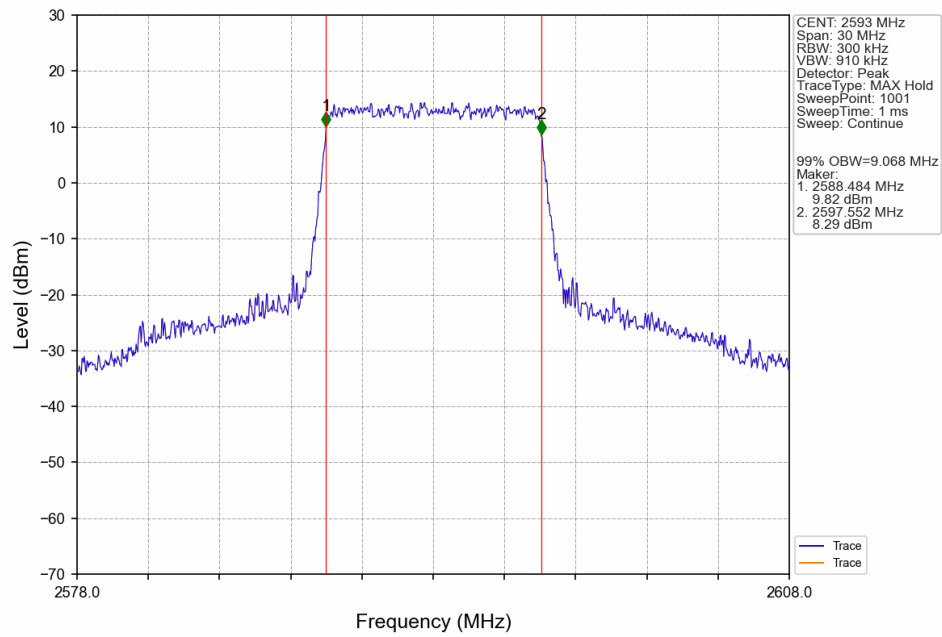
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTNV



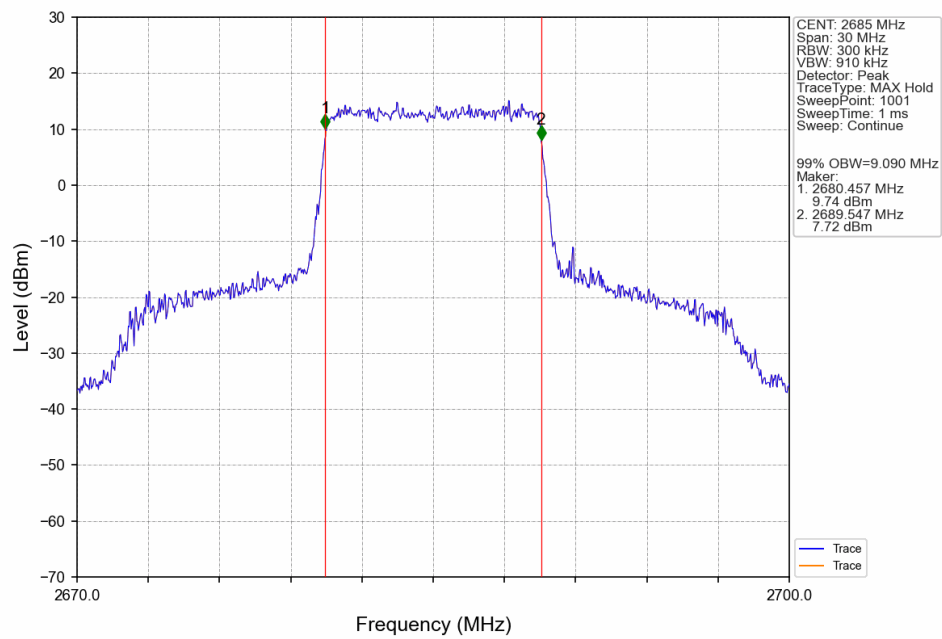
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



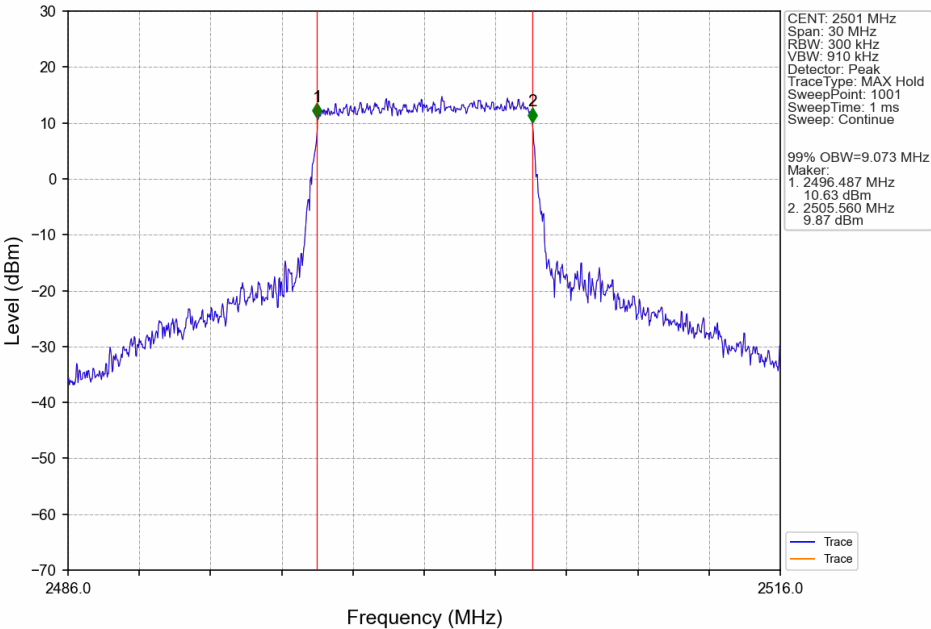
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



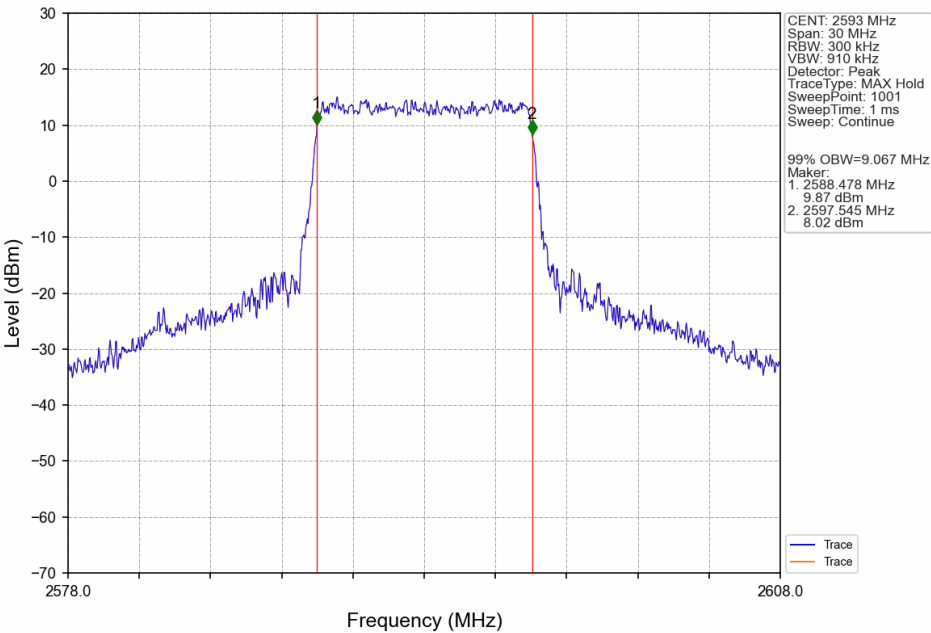
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



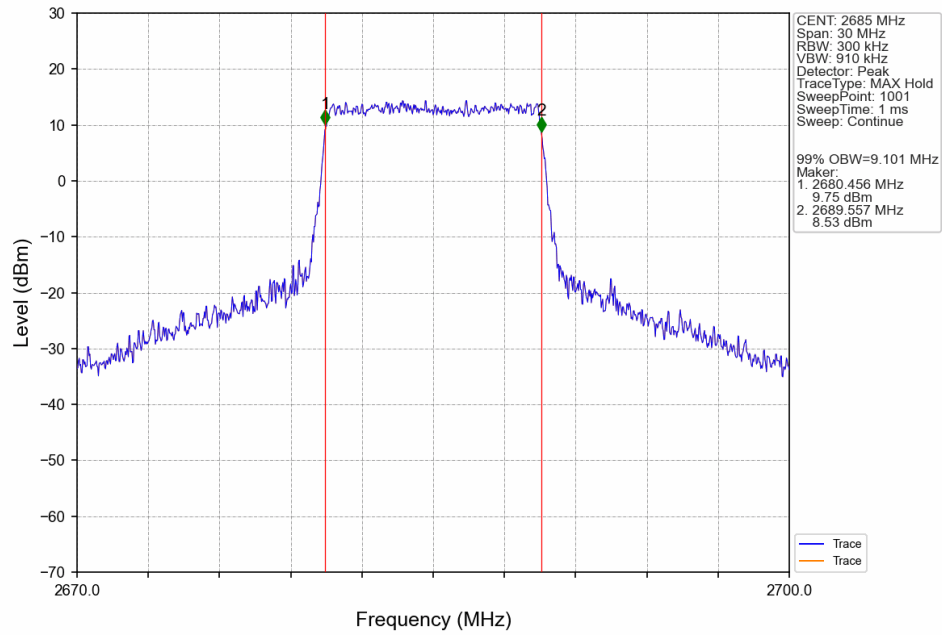
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



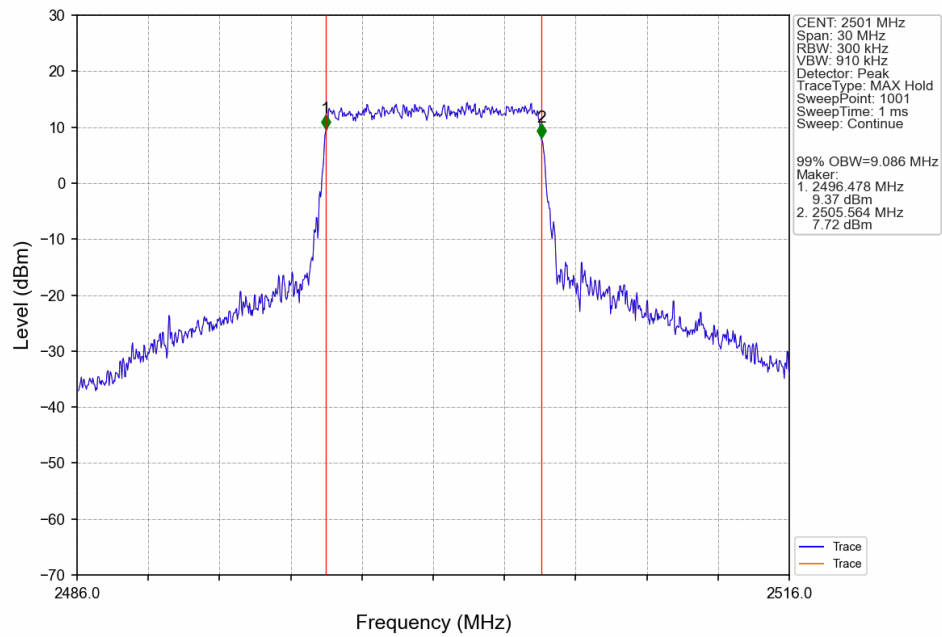
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



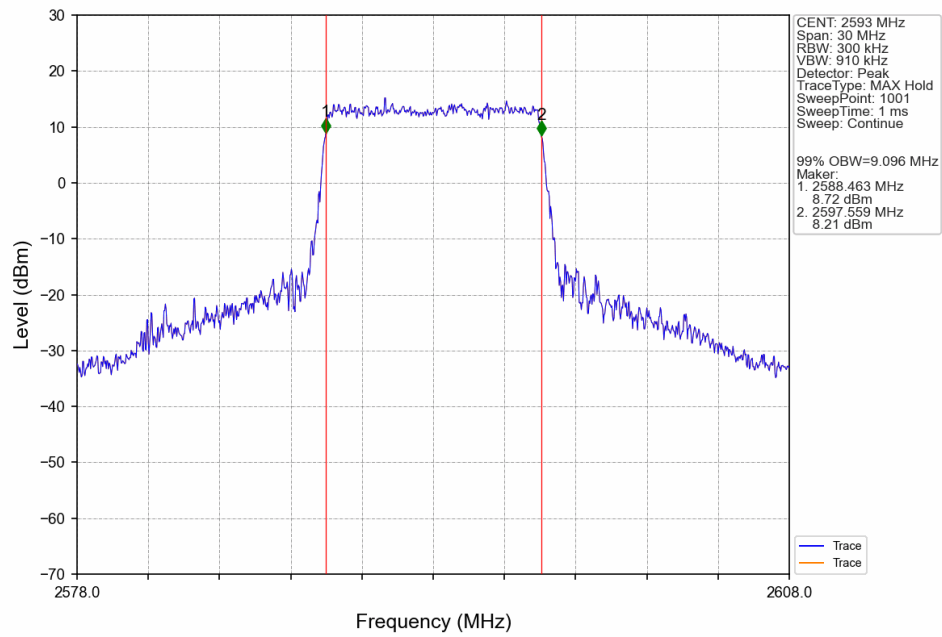
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



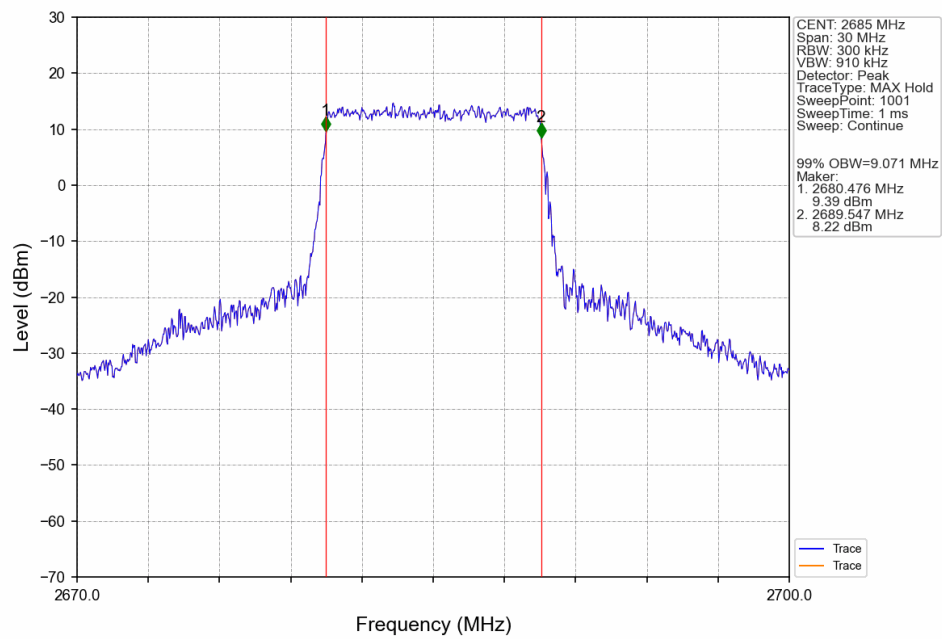
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



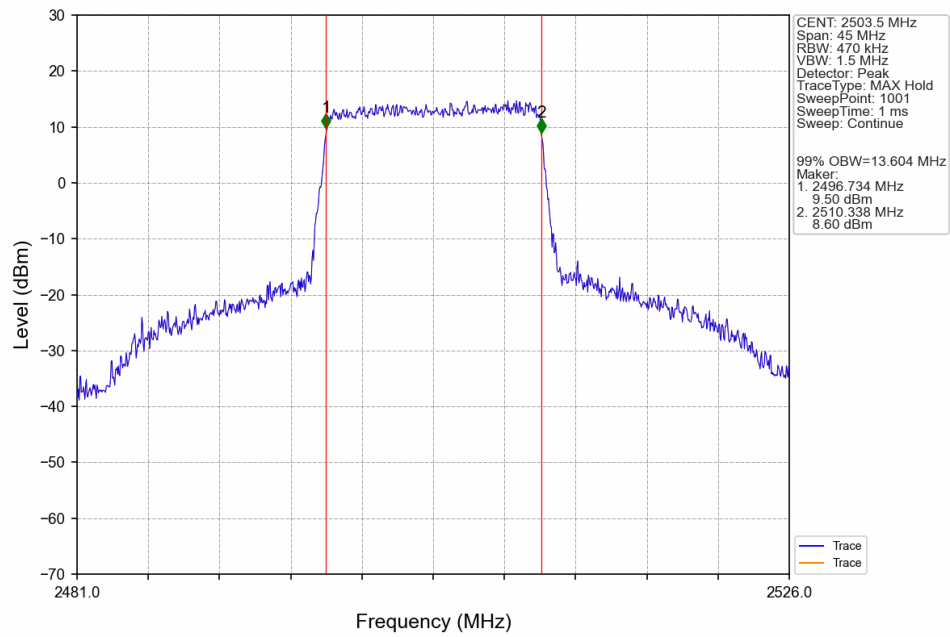
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



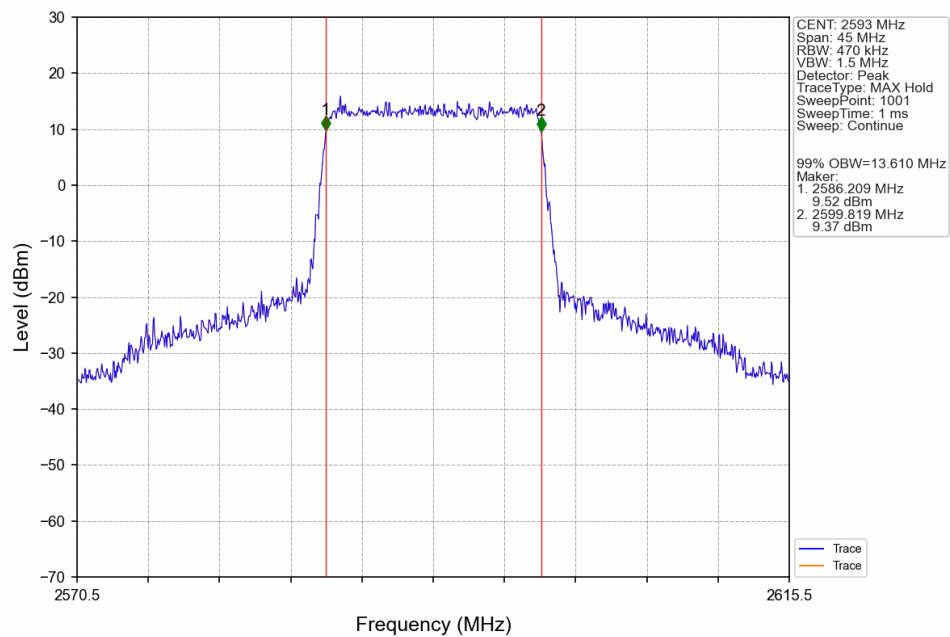
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



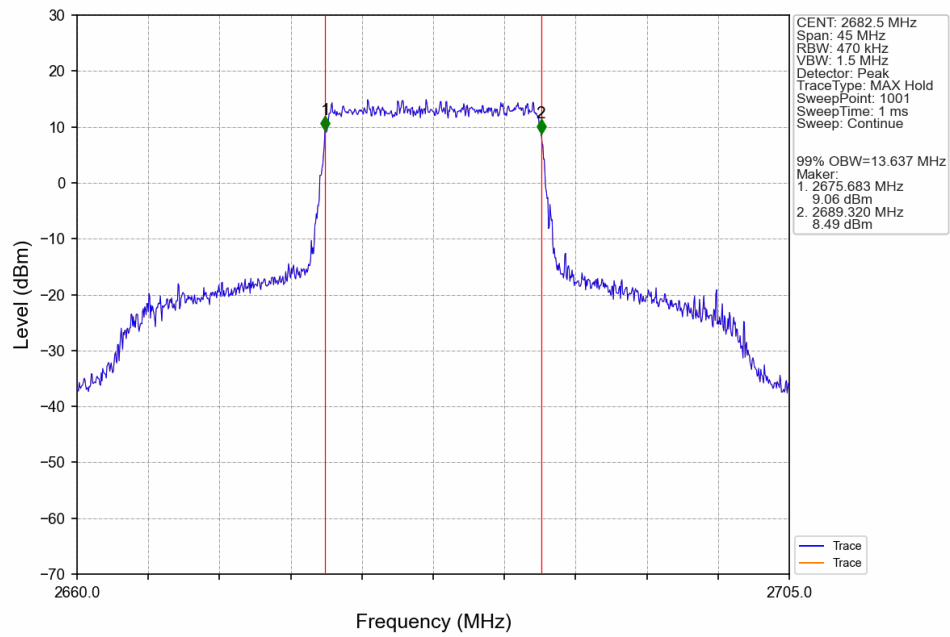
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



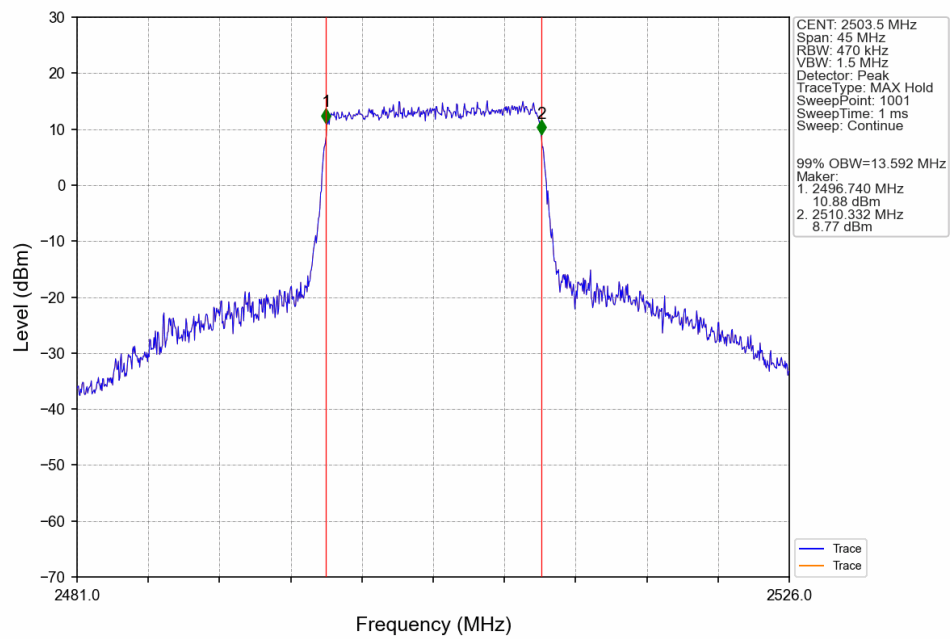
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



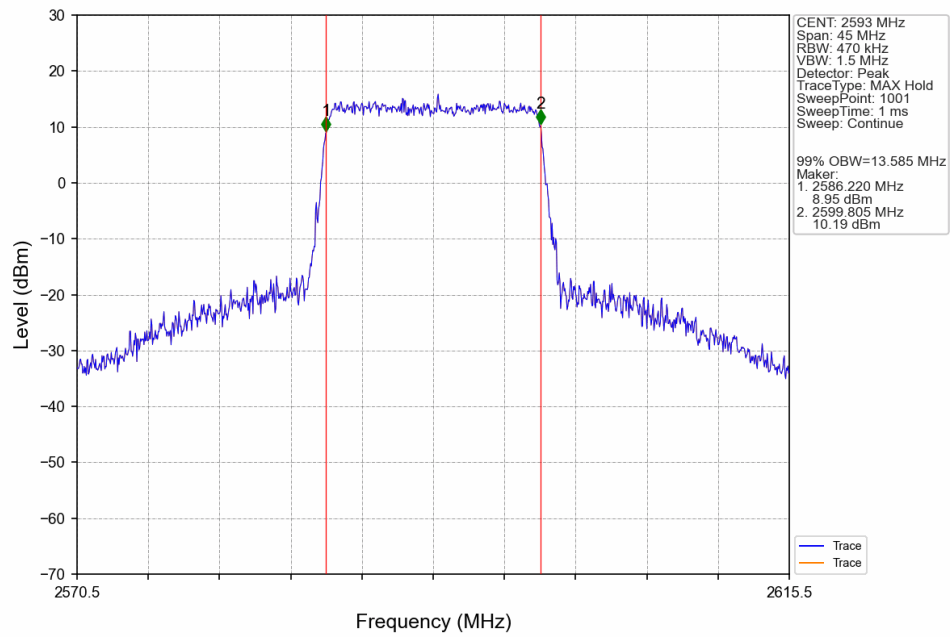
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



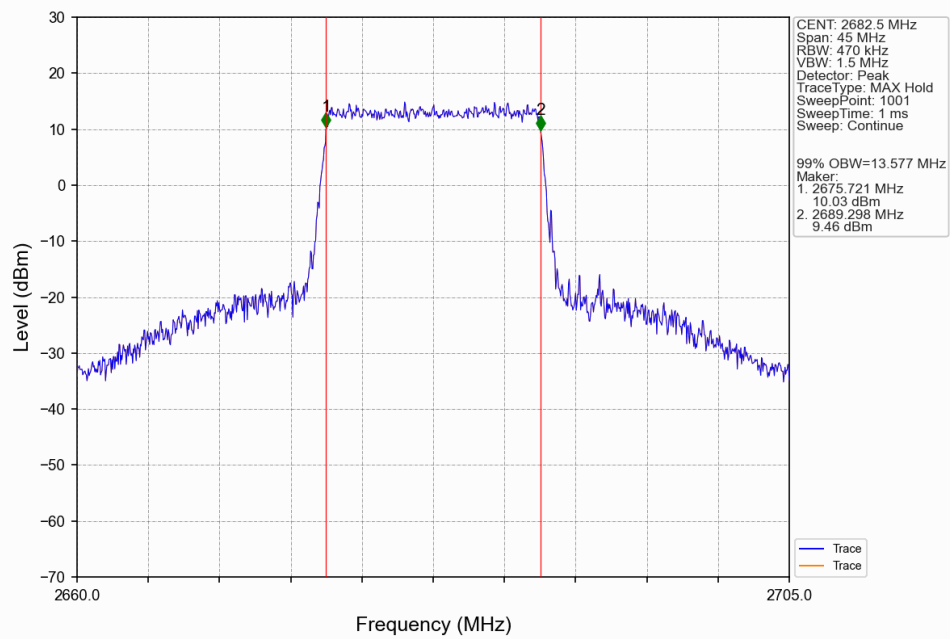
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



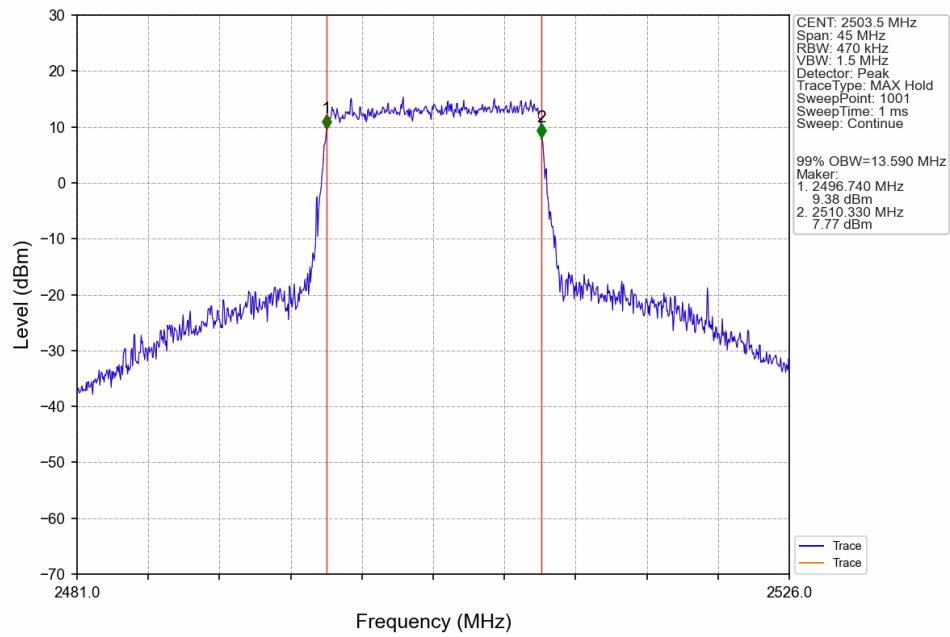
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



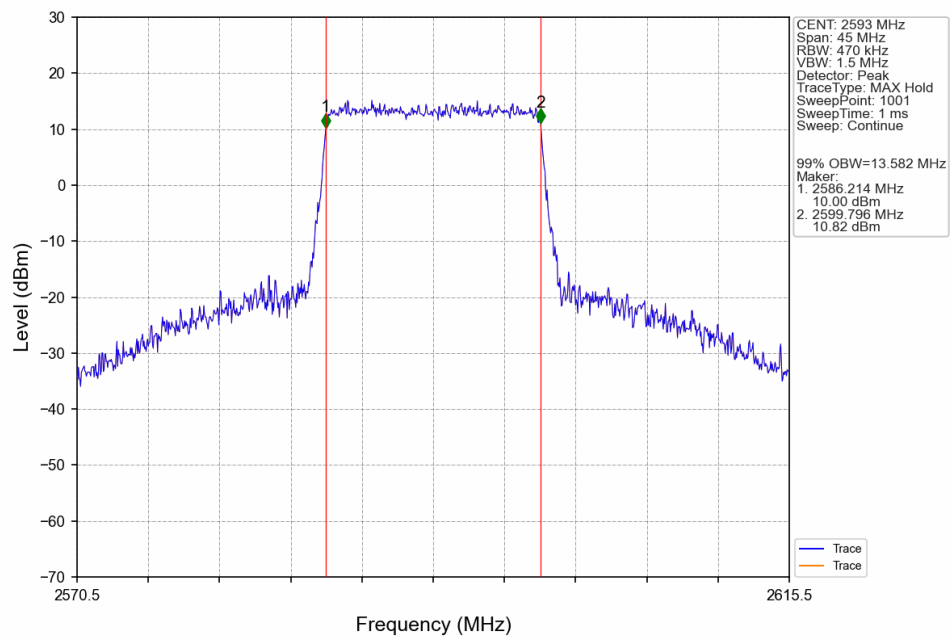
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



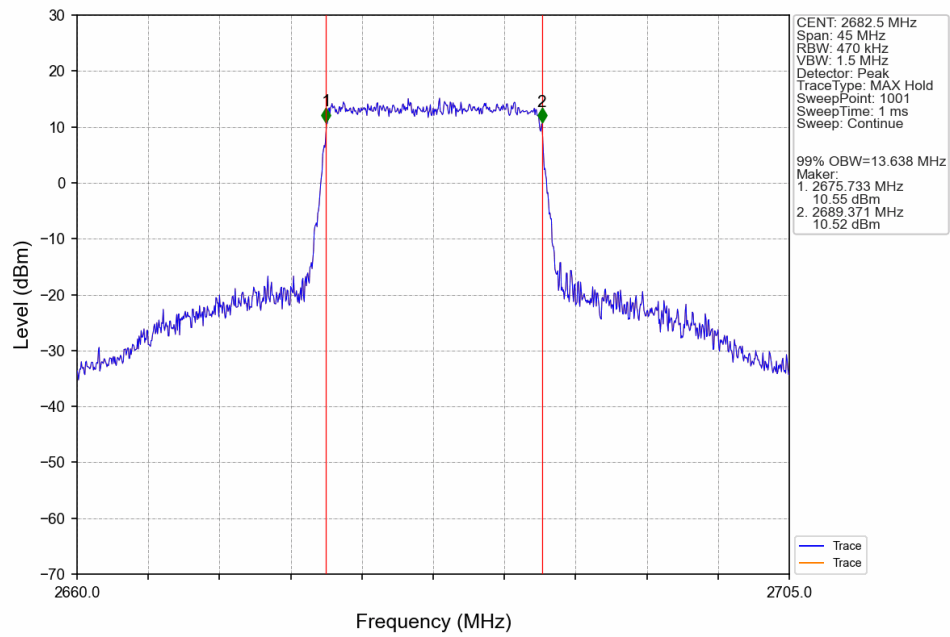
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



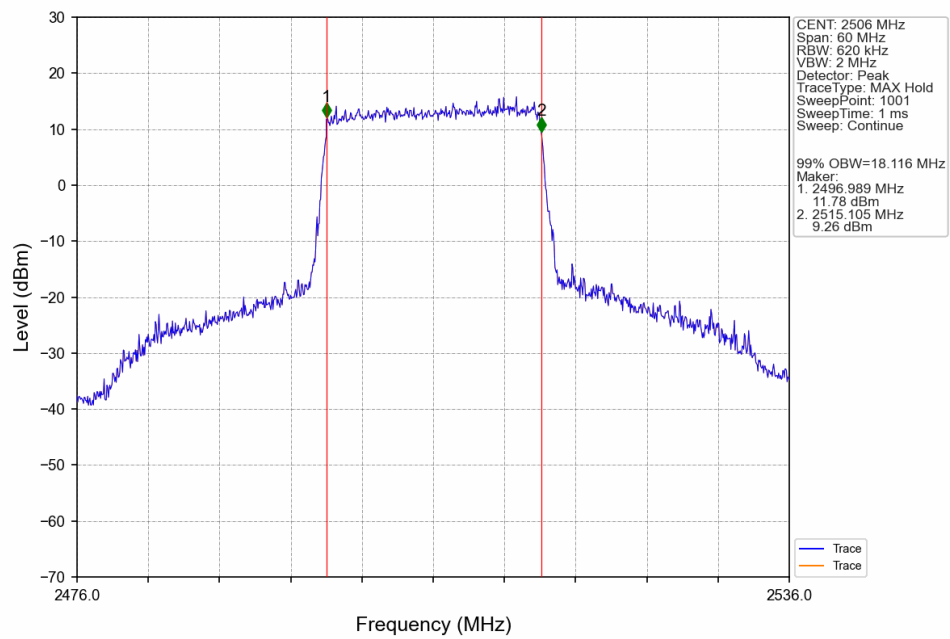
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



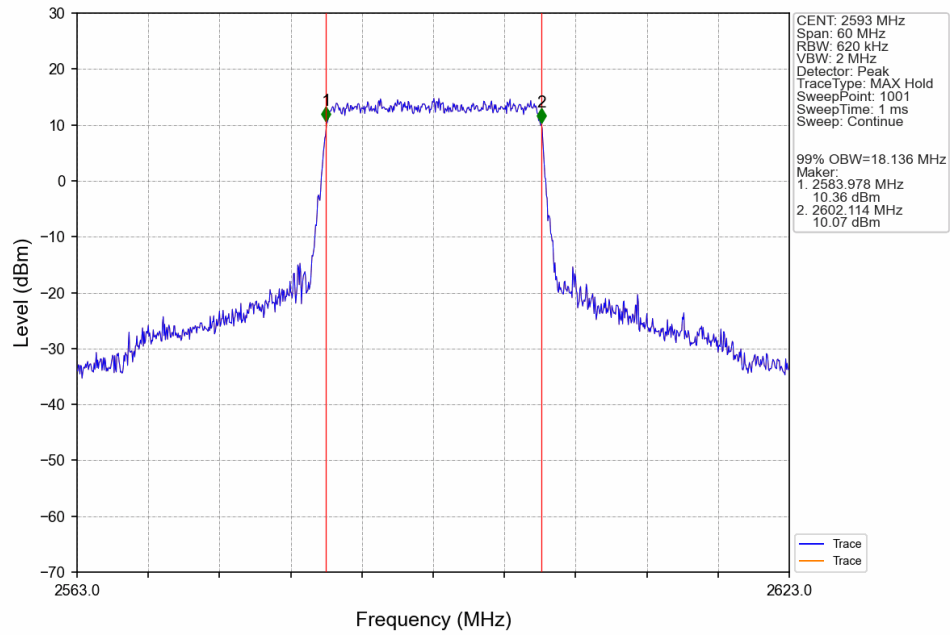
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



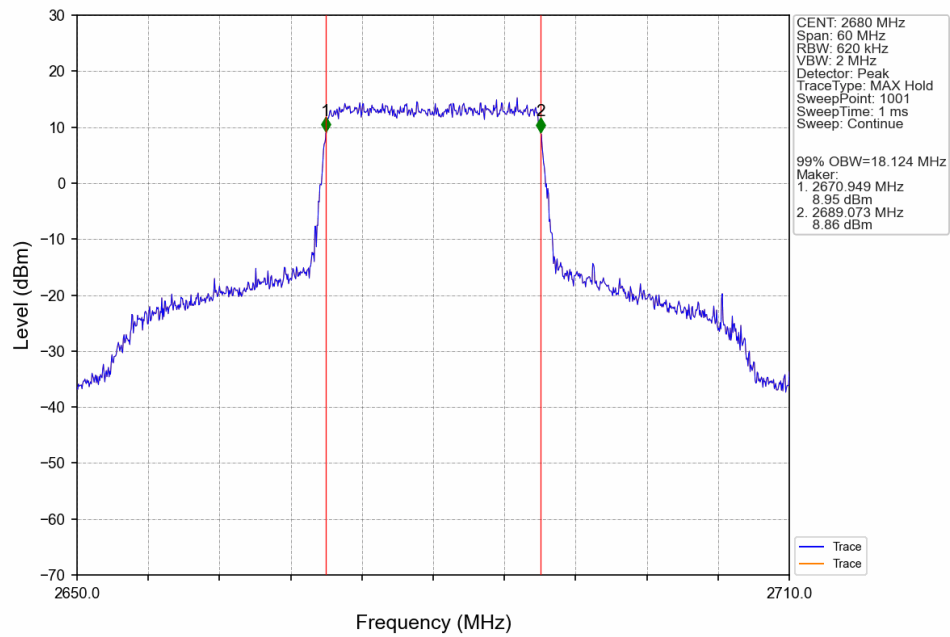
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



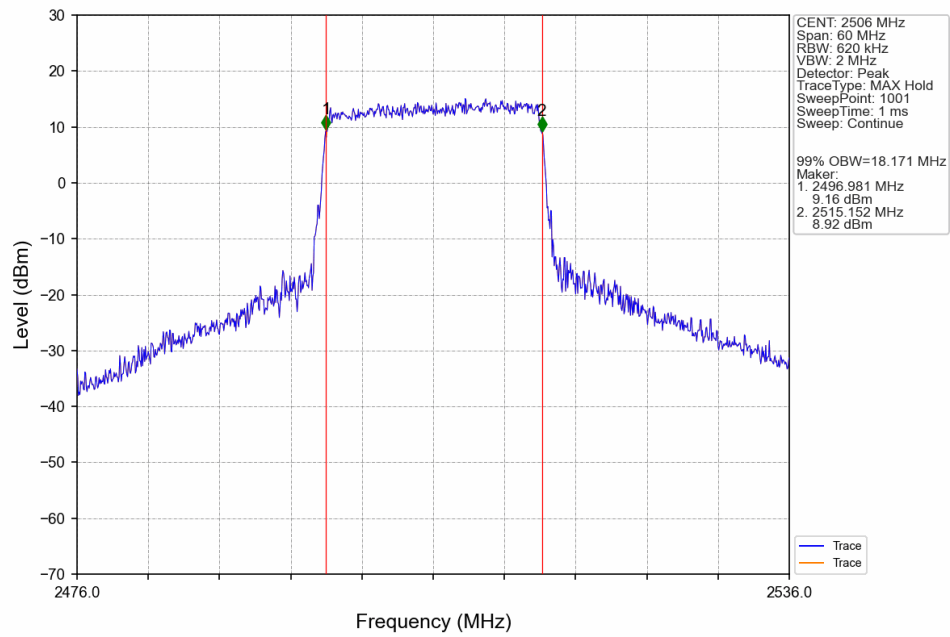
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



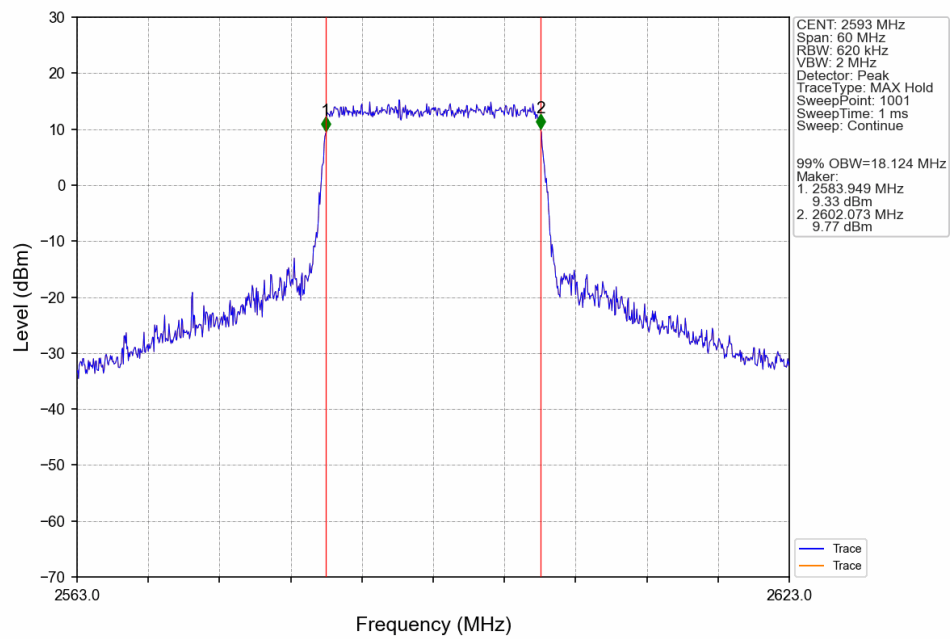
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



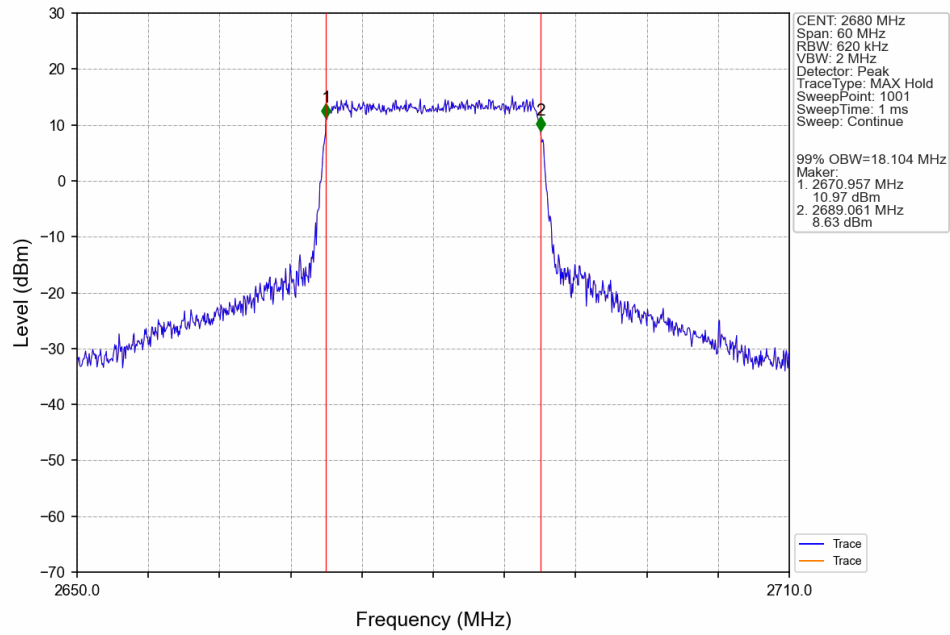
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



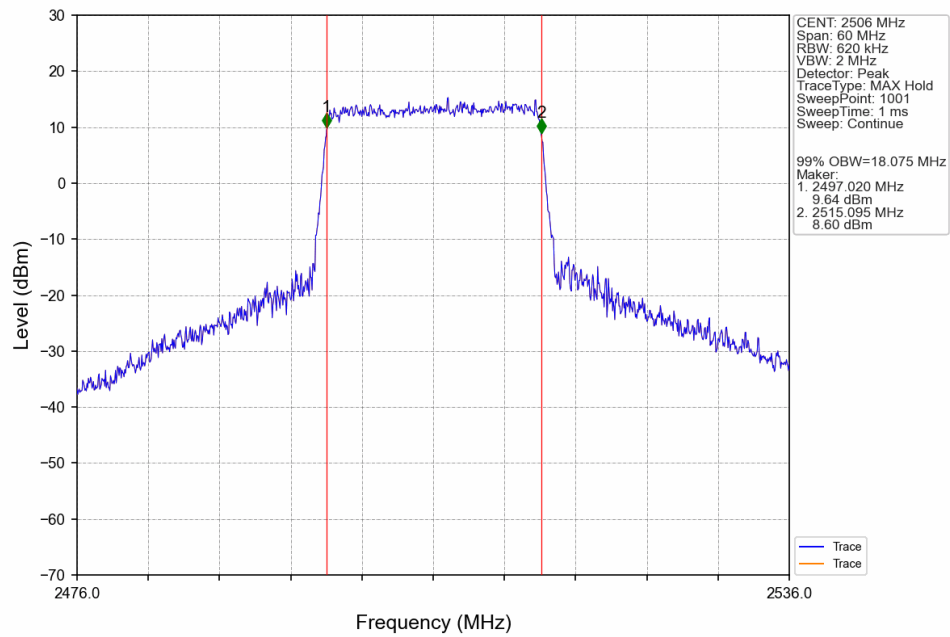
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



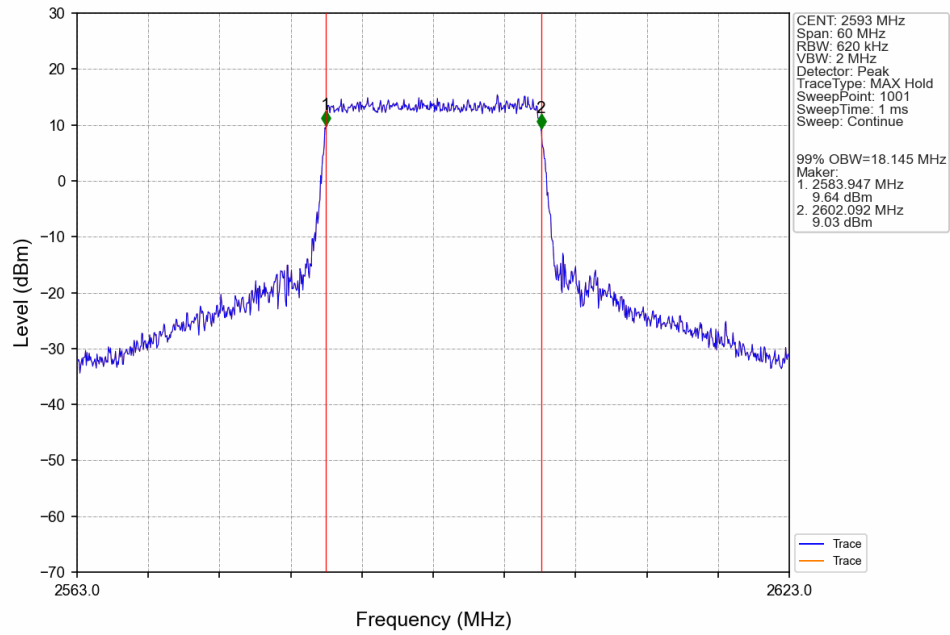
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



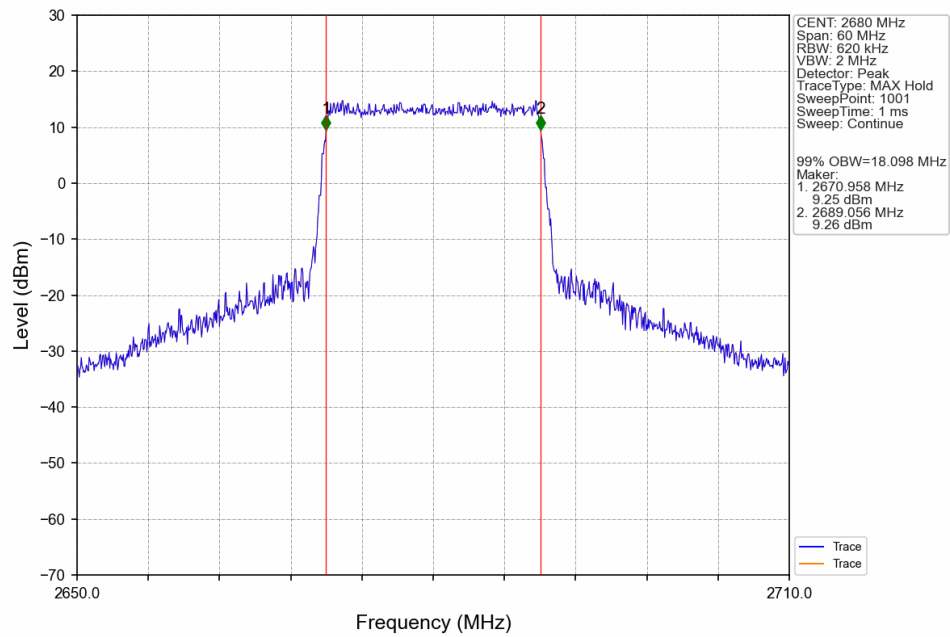
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



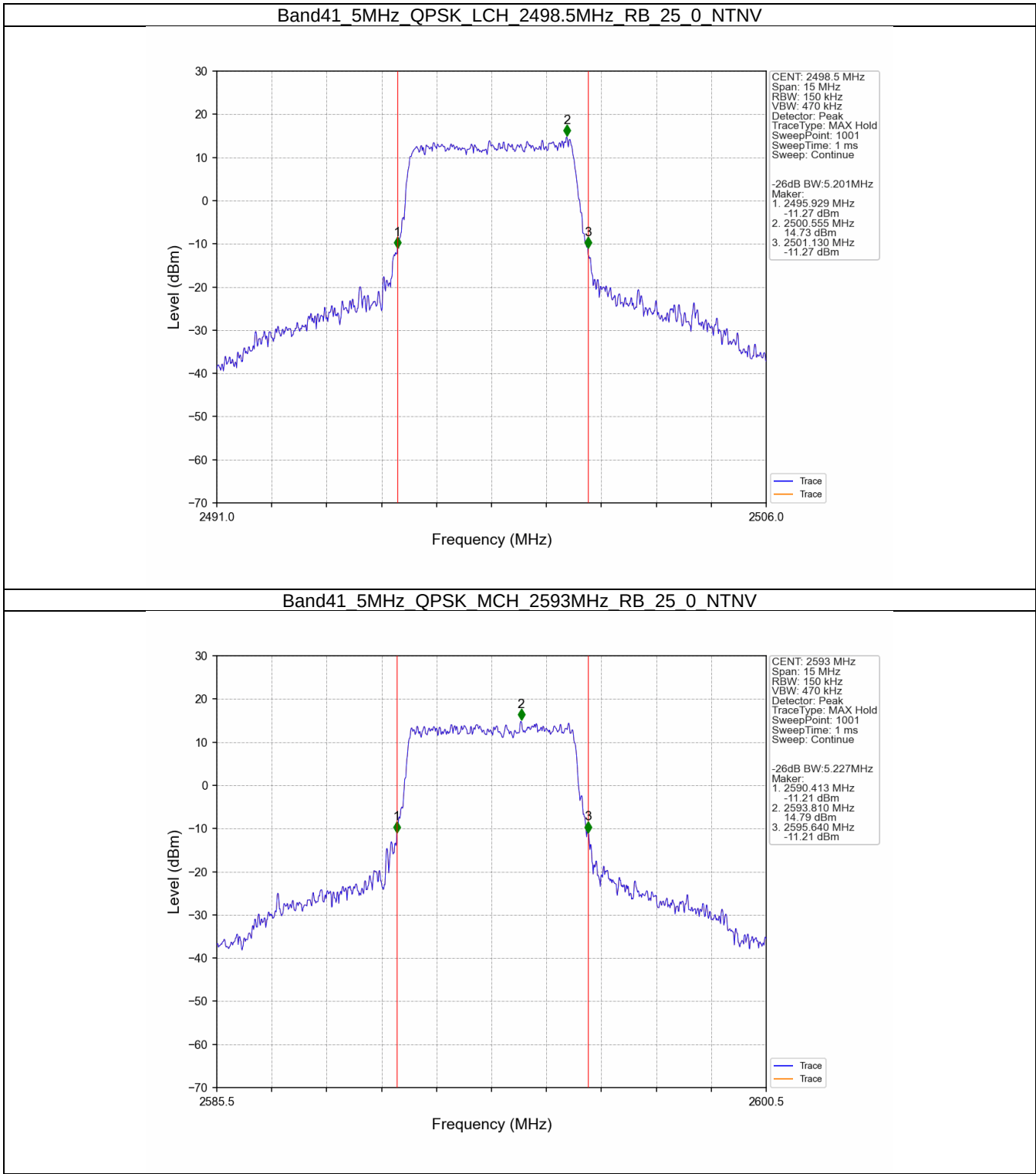
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



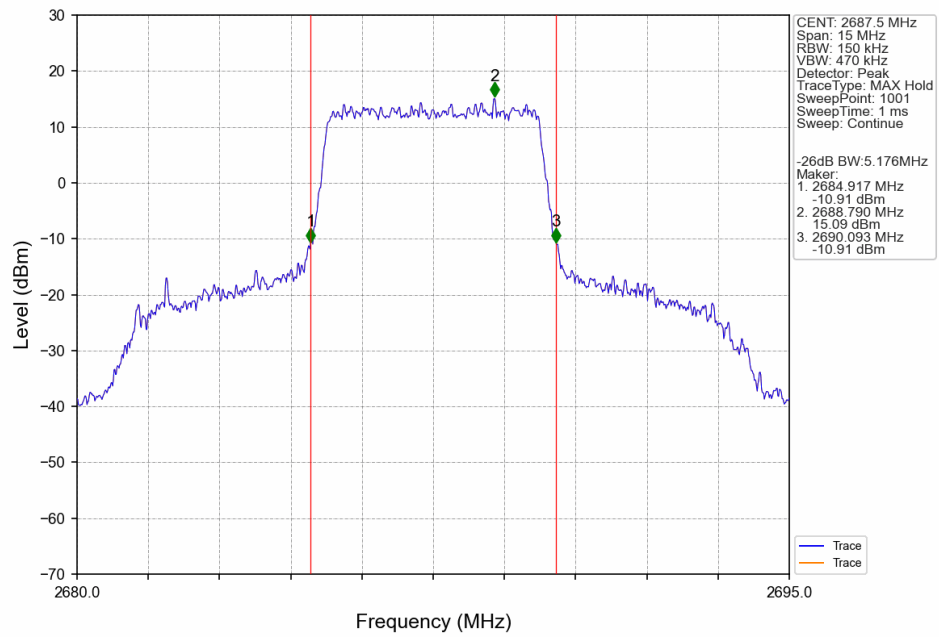
Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



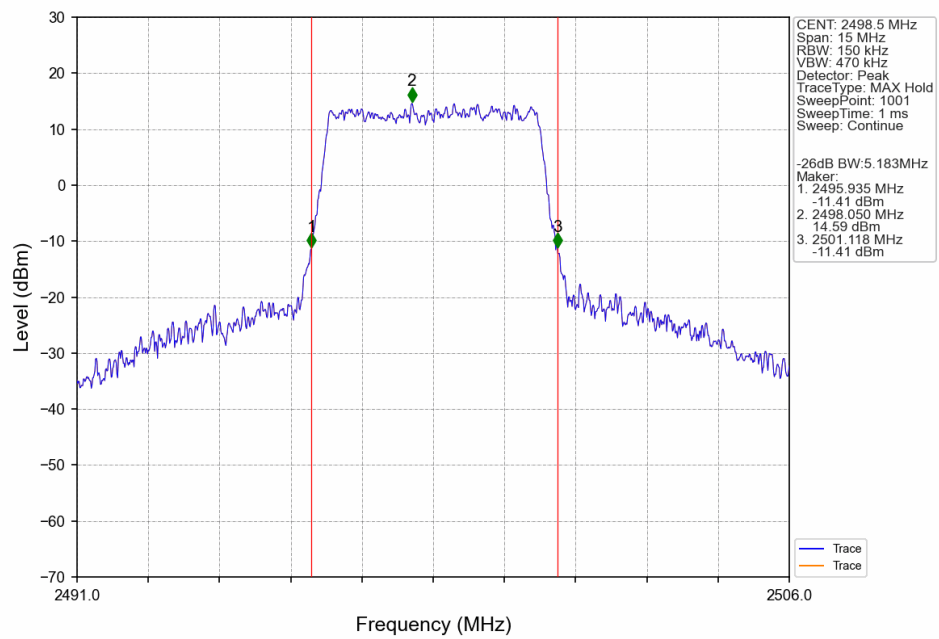
3.2.2 Band41_XDB



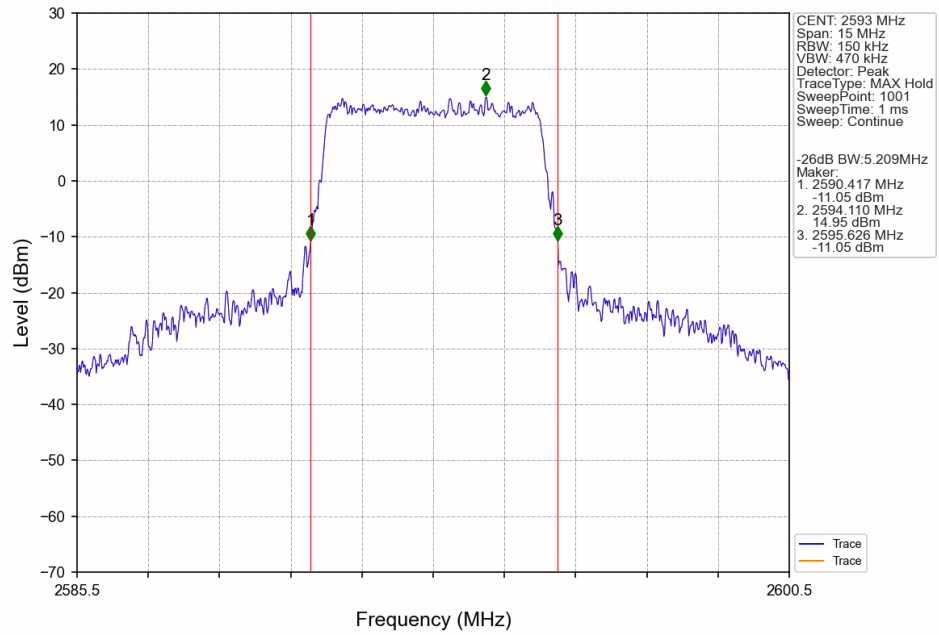
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



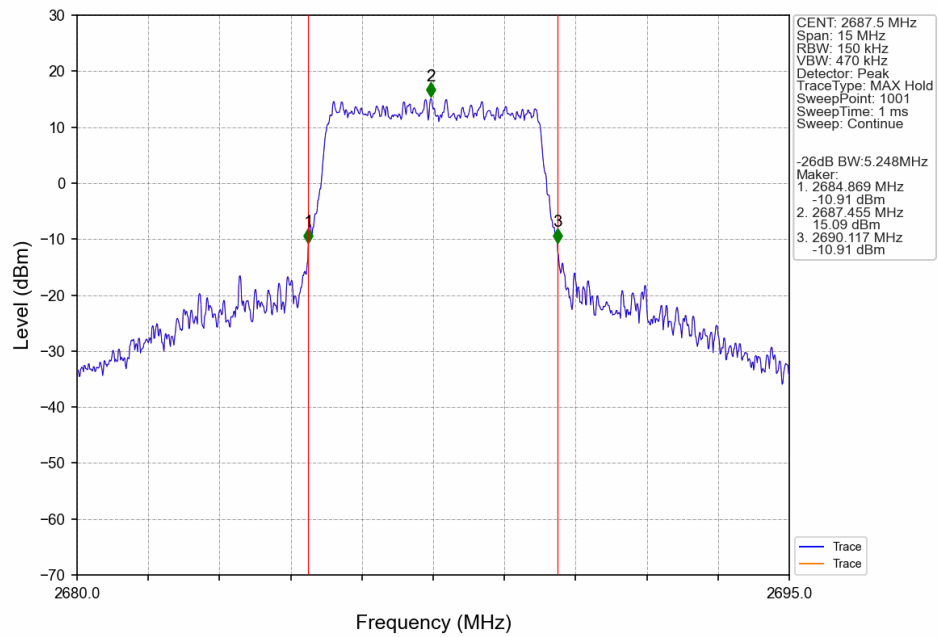
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



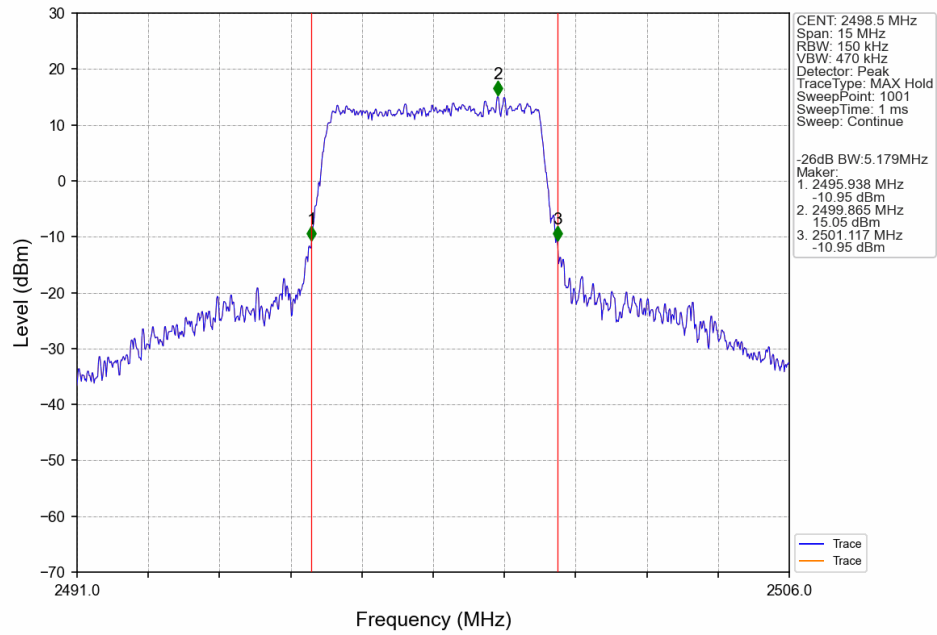
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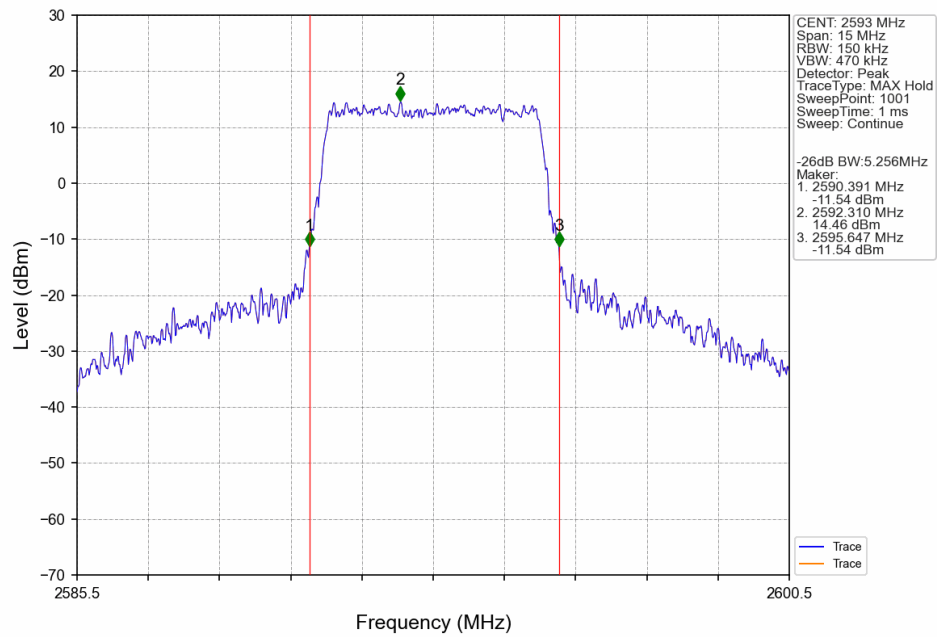
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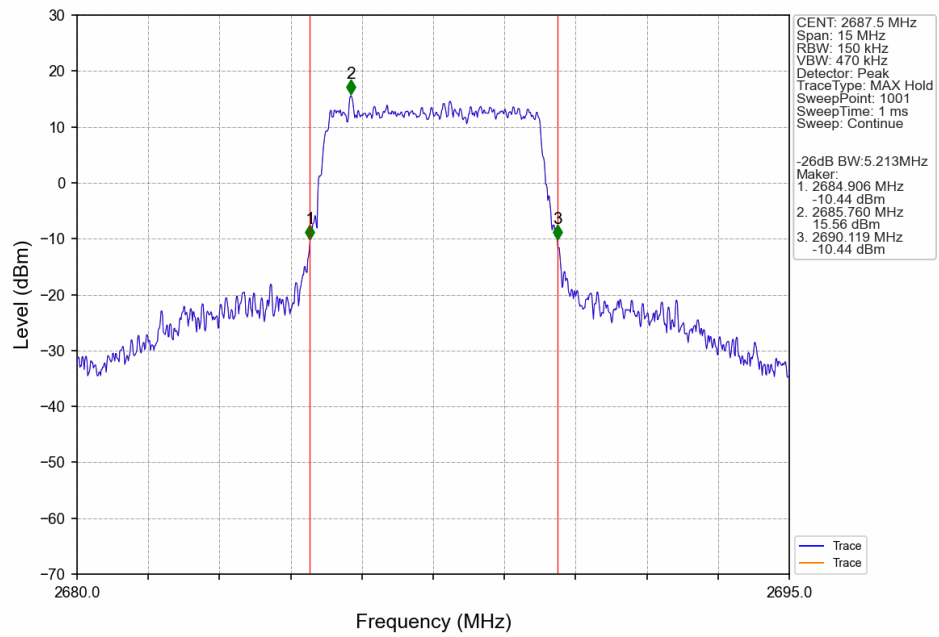
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



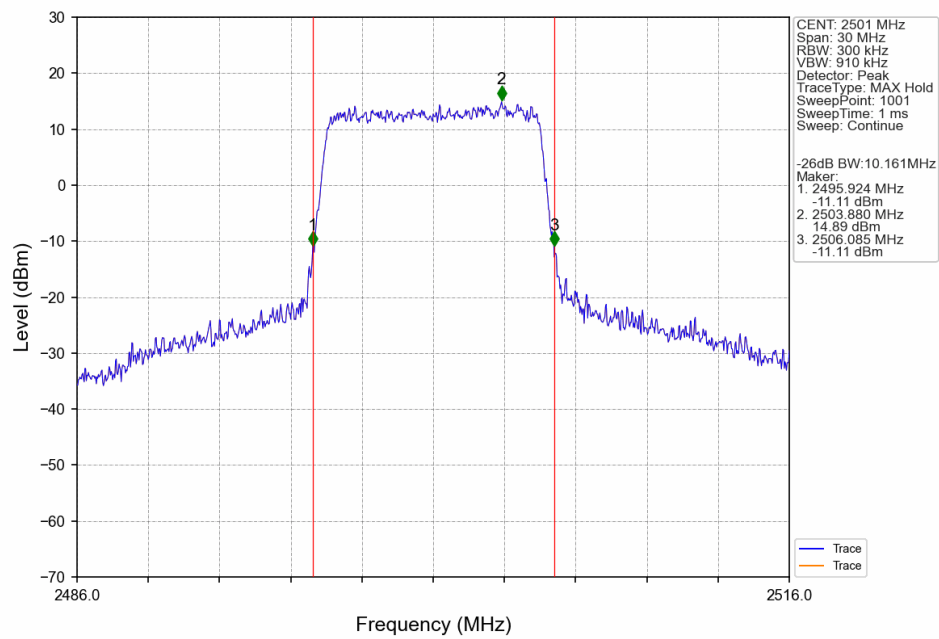
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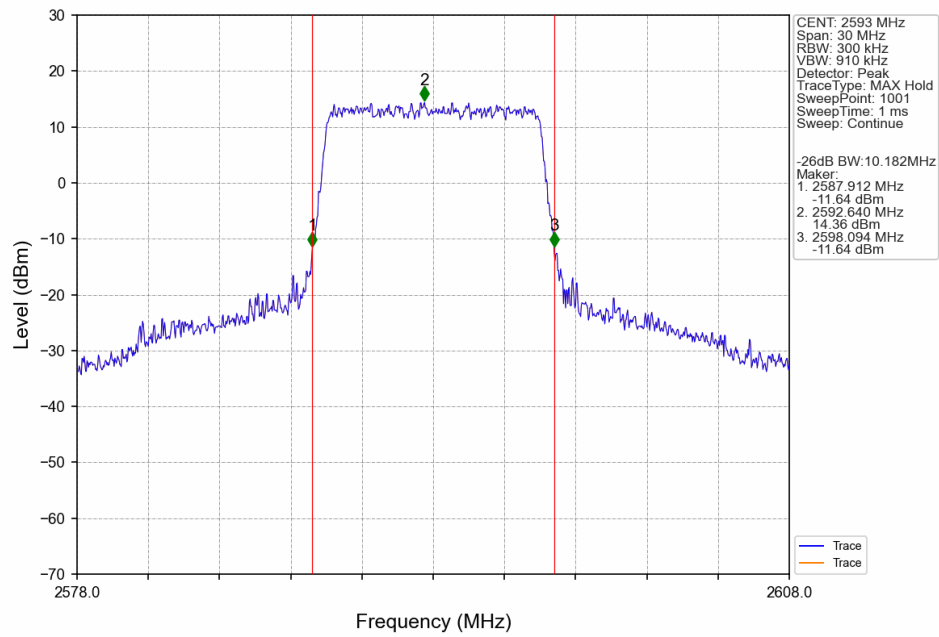
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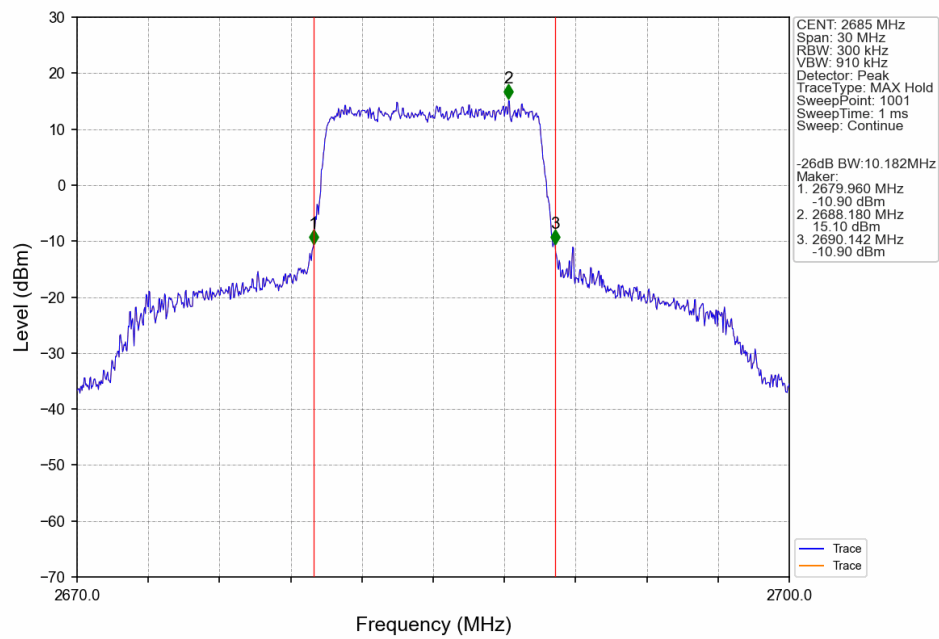
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



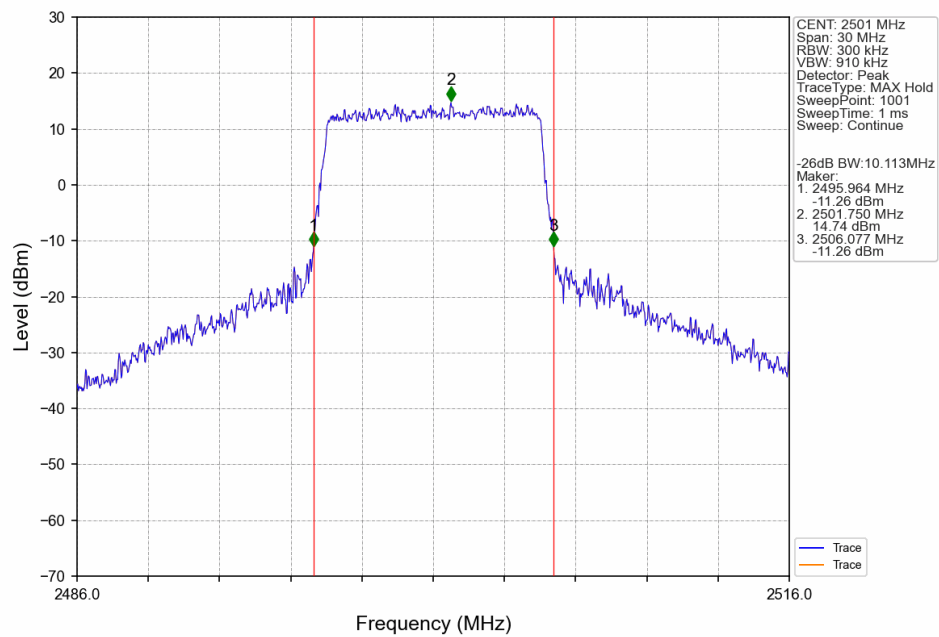
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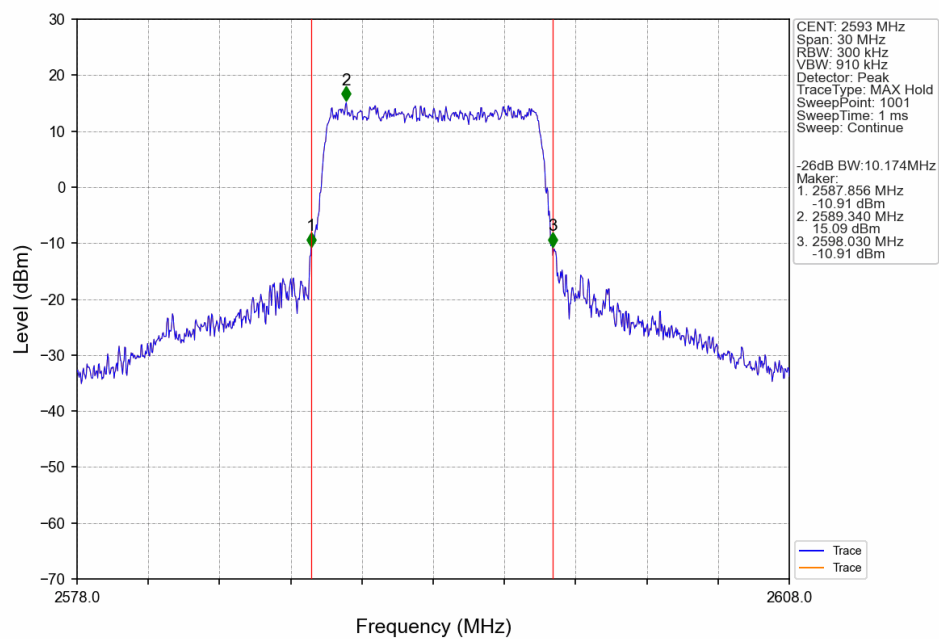
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



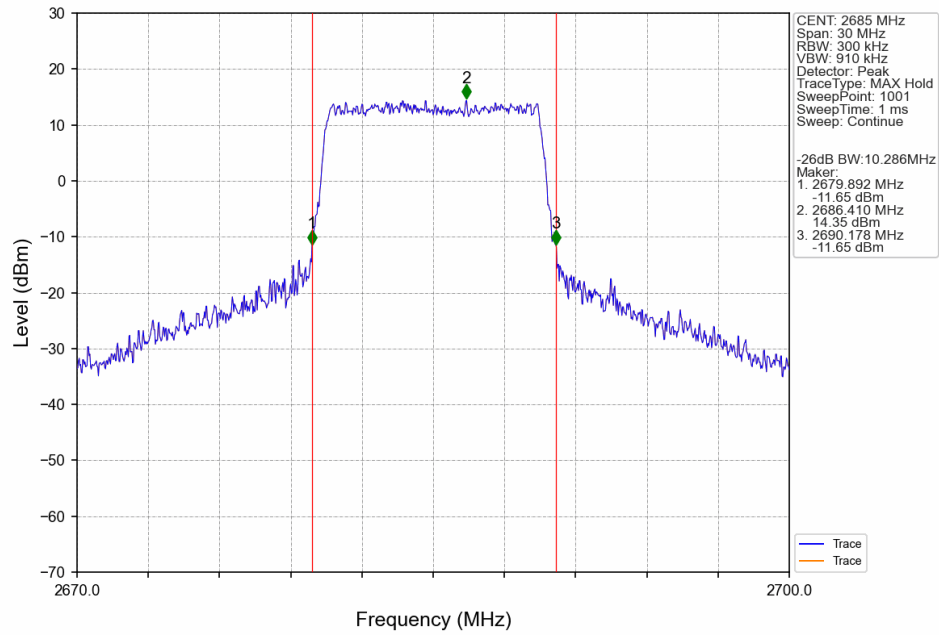
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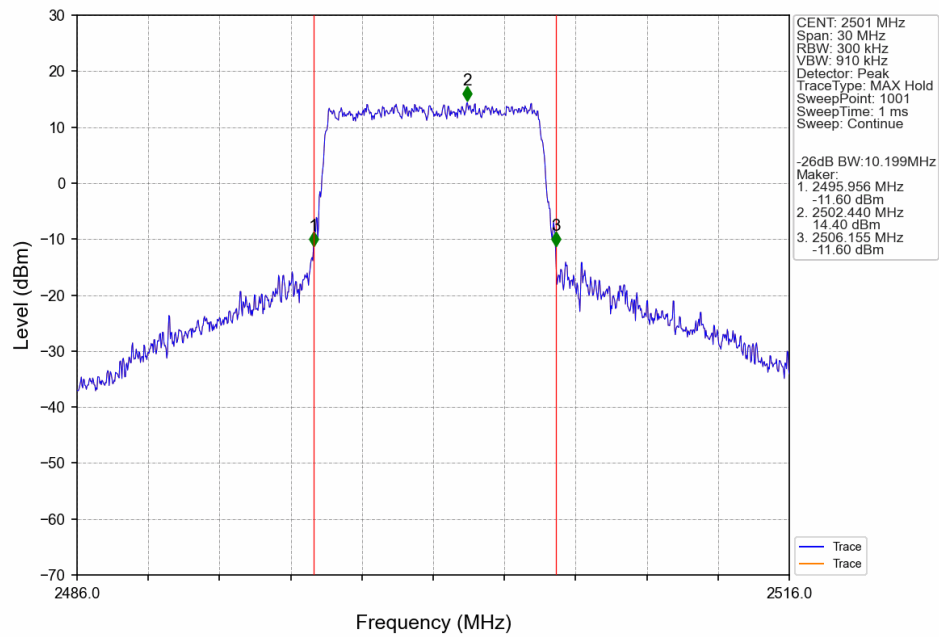
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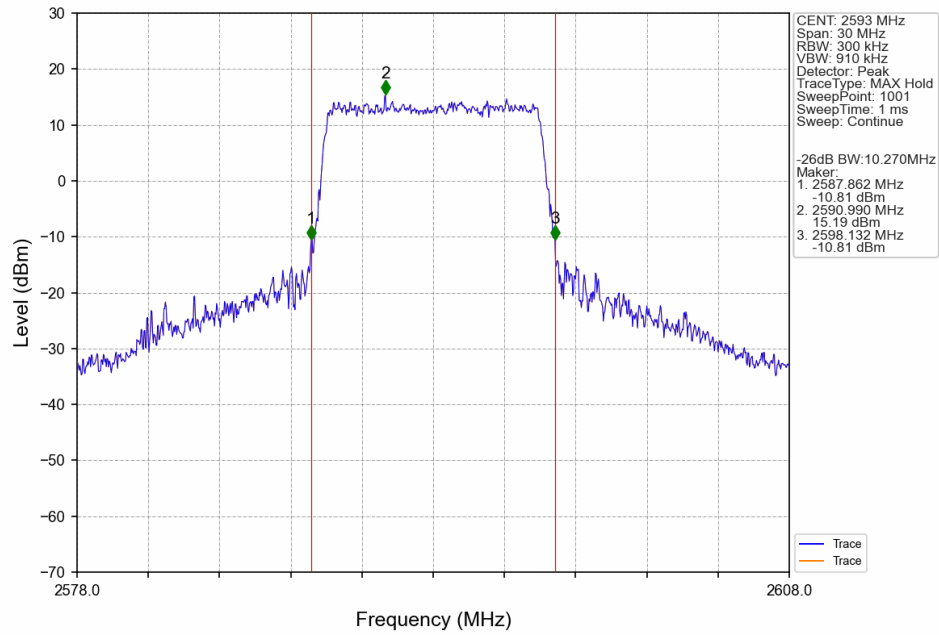
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



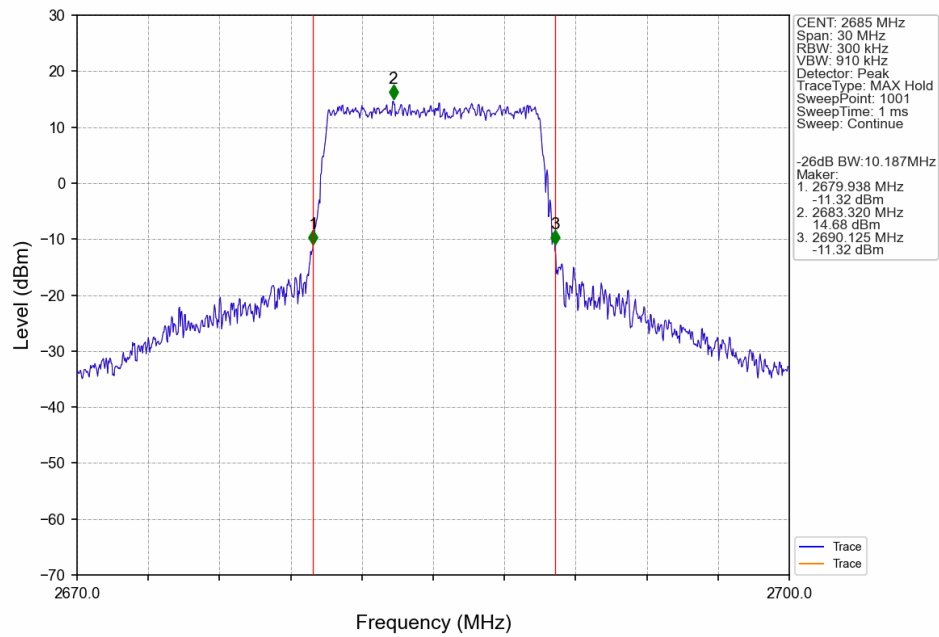
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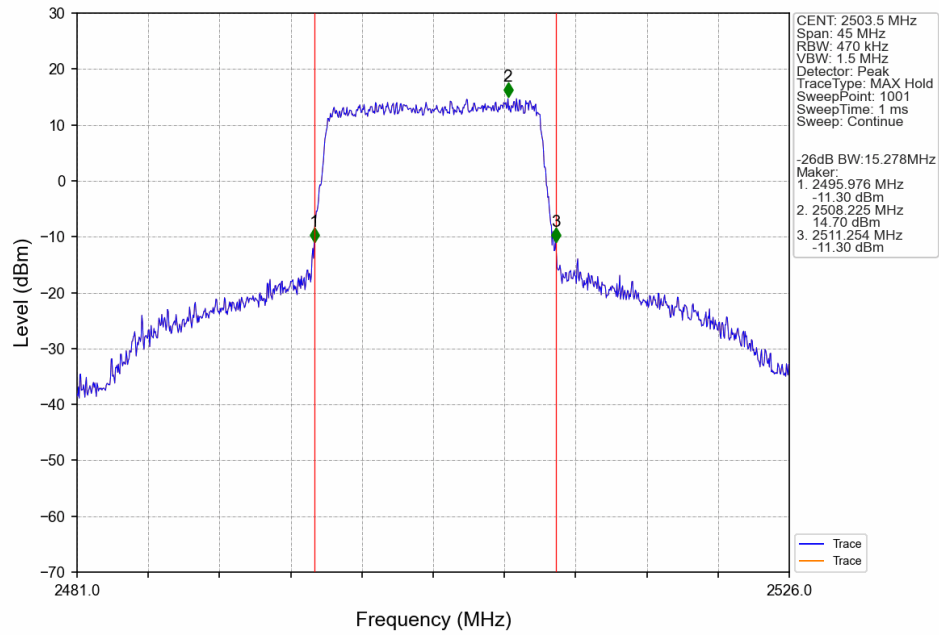
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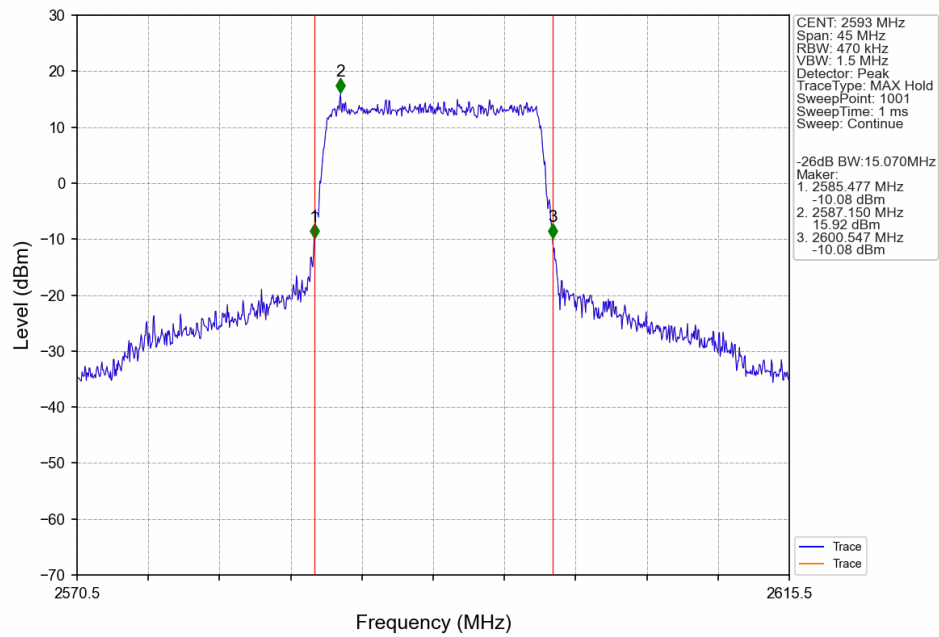
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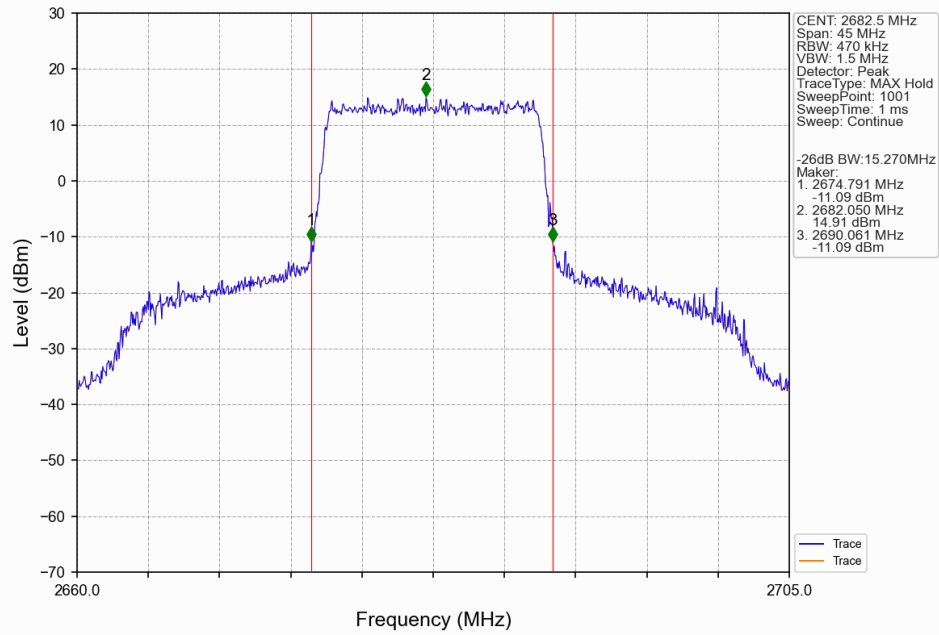
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



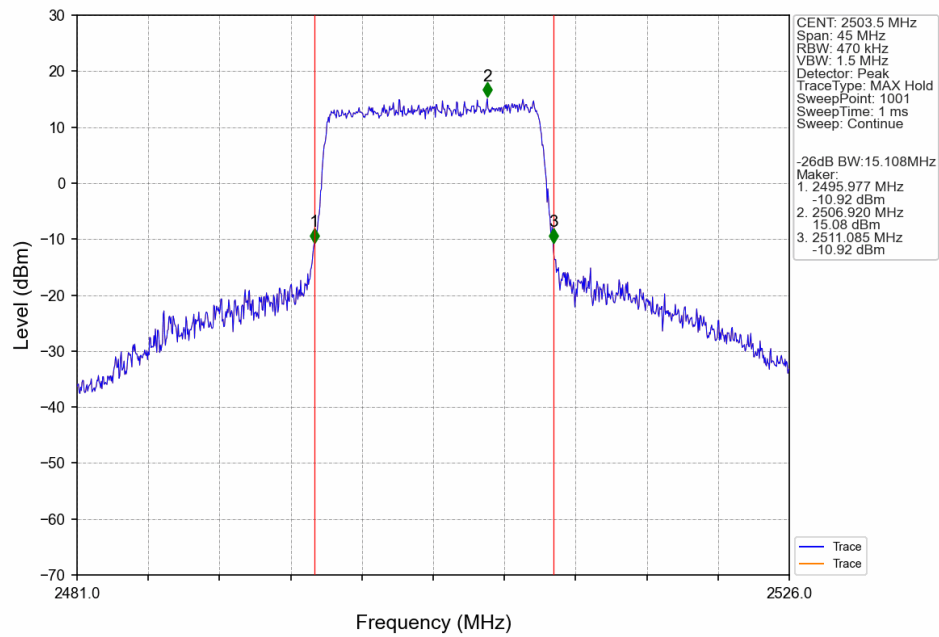
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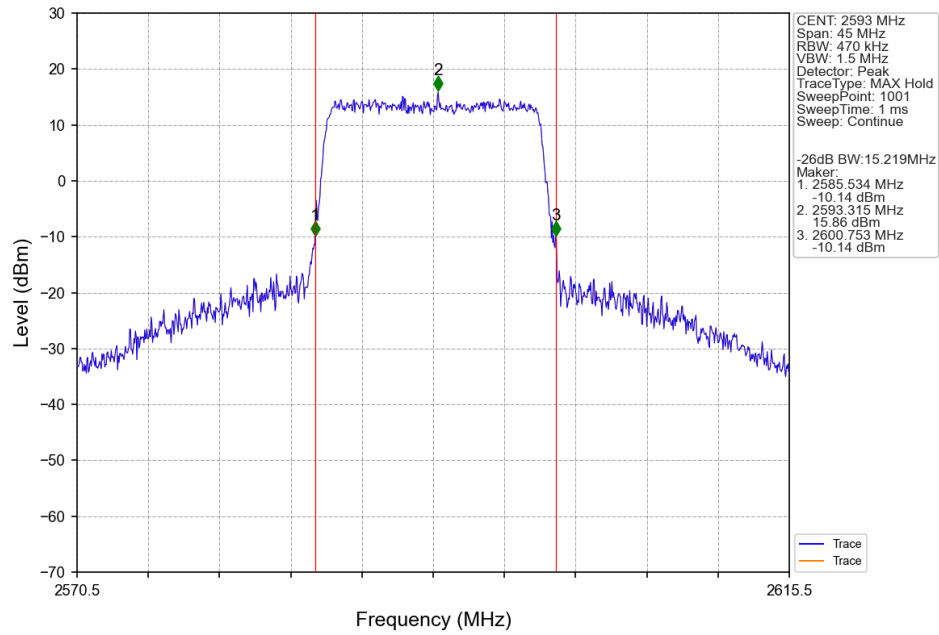
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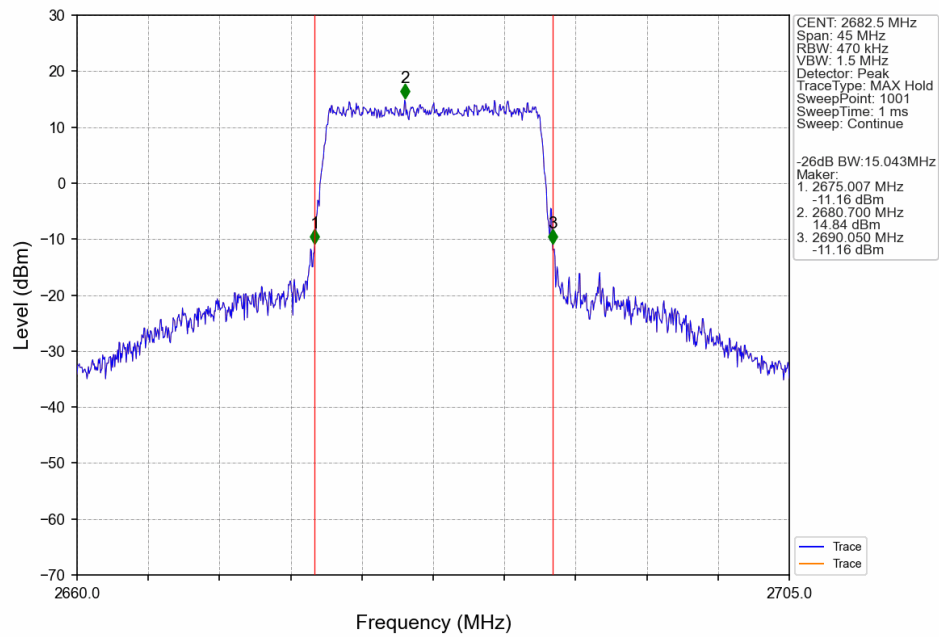
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



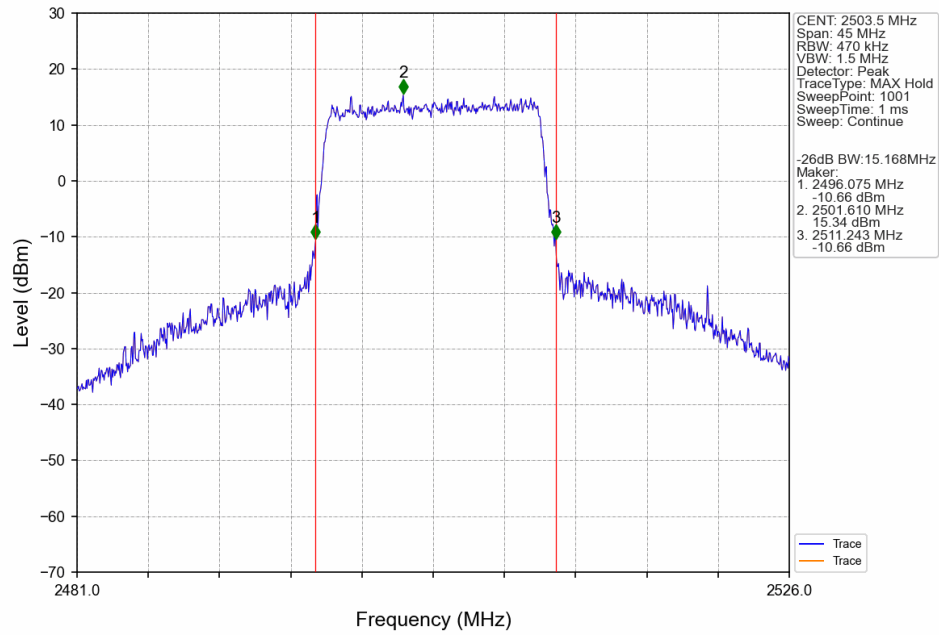
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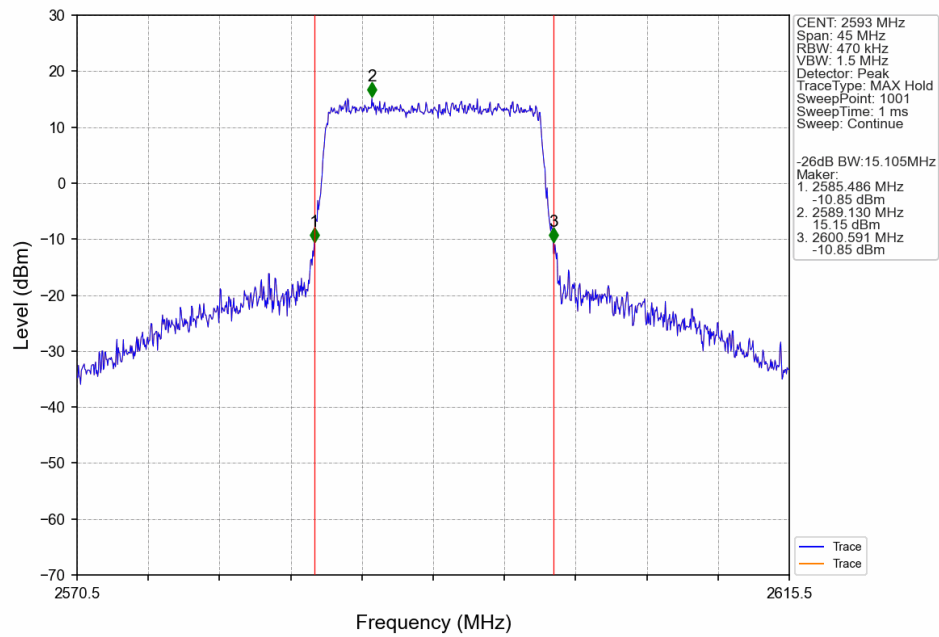
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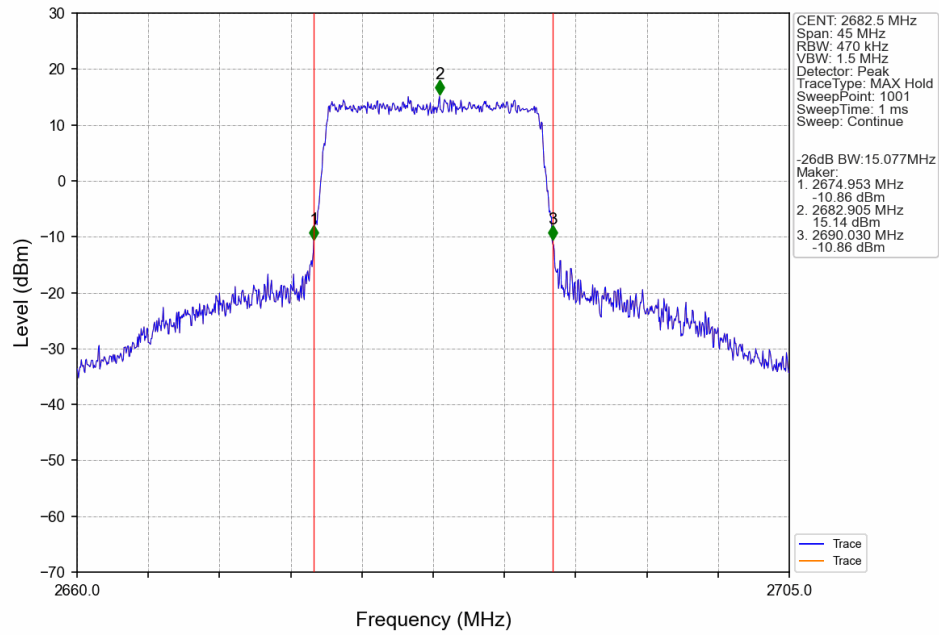
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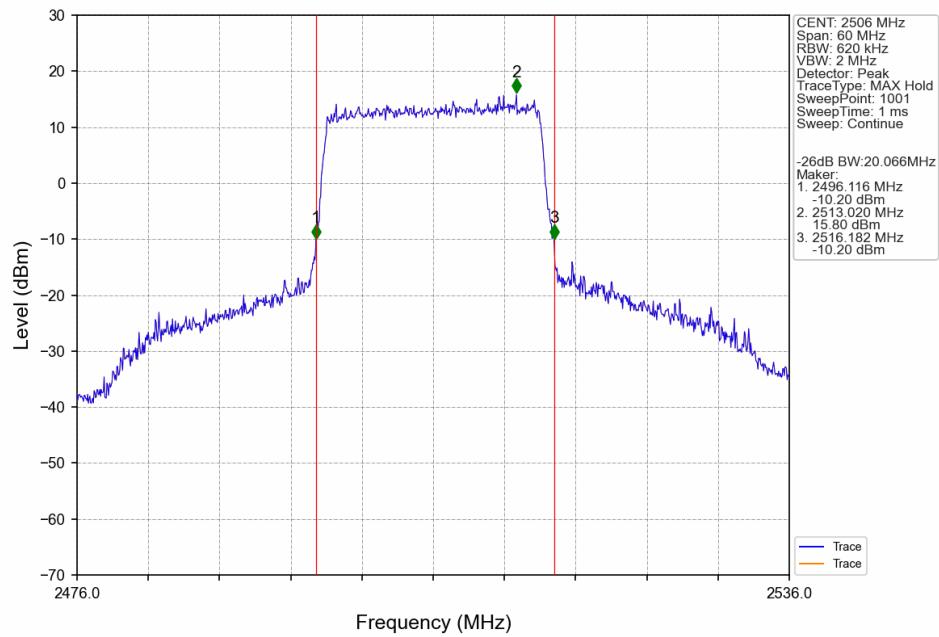
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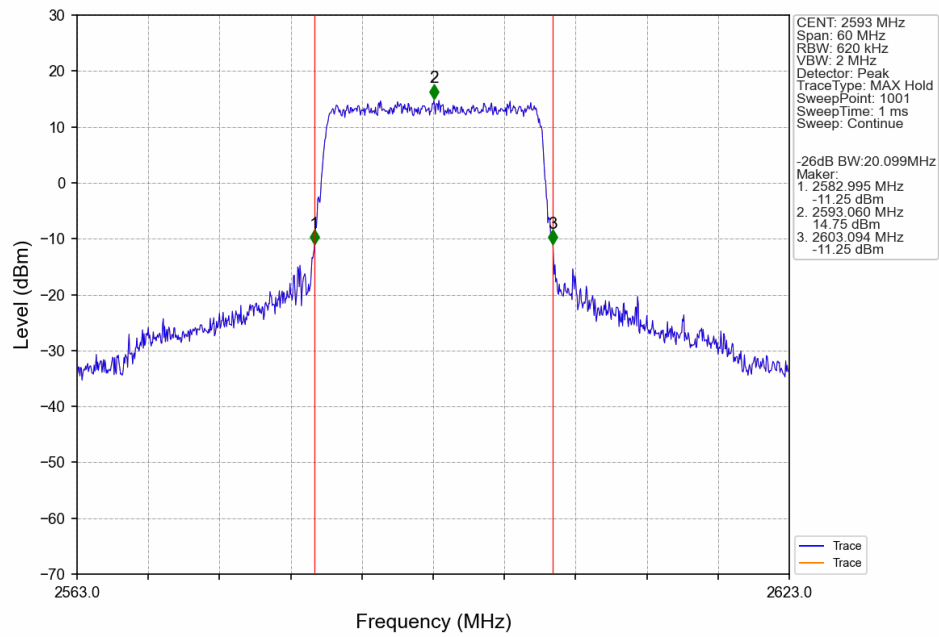
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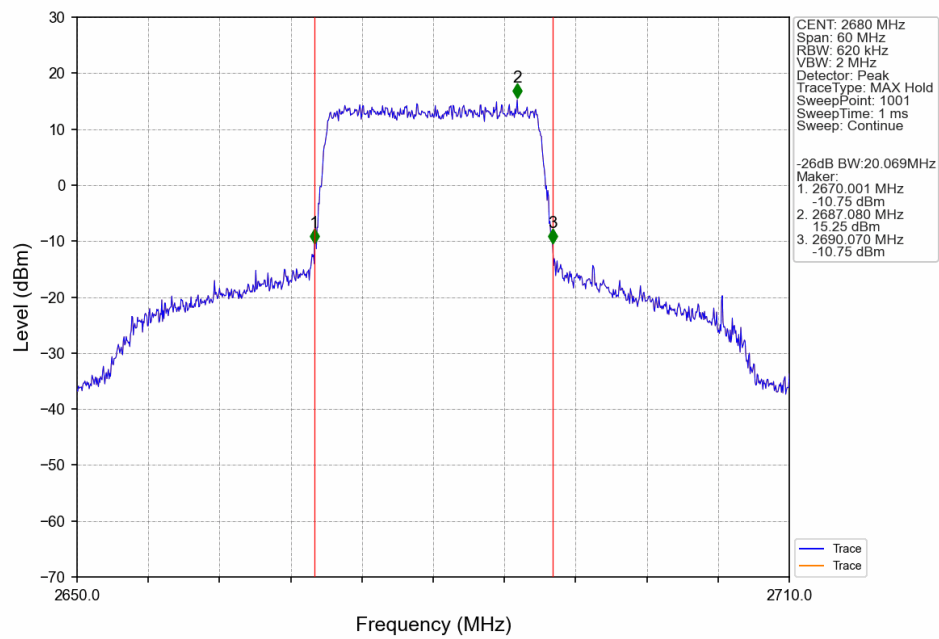
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



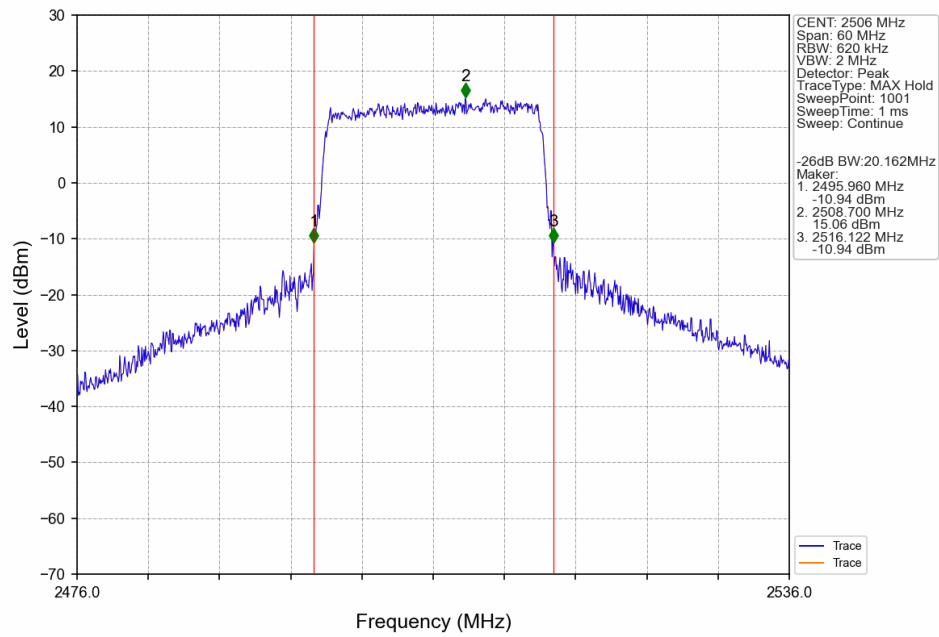
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



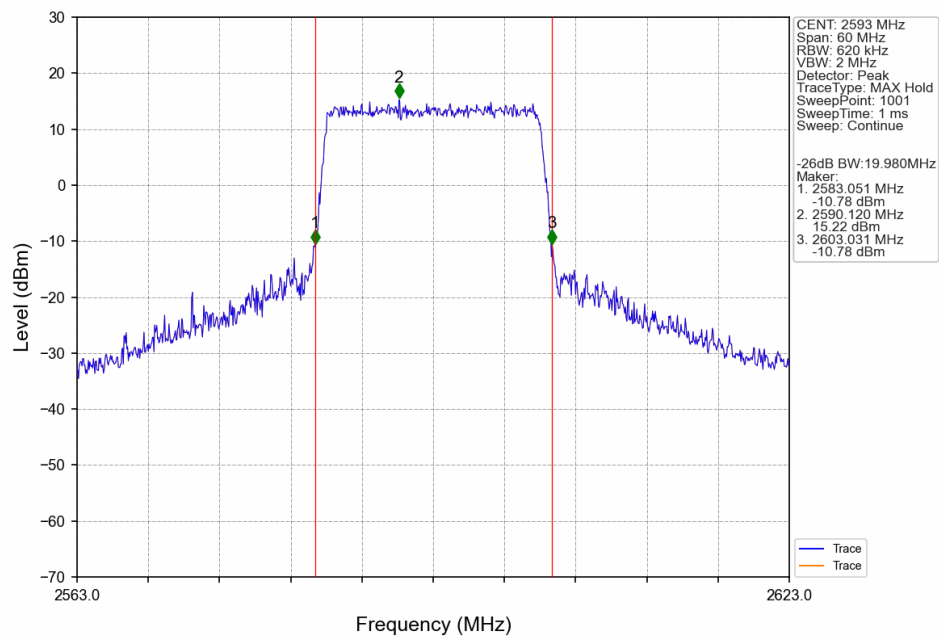
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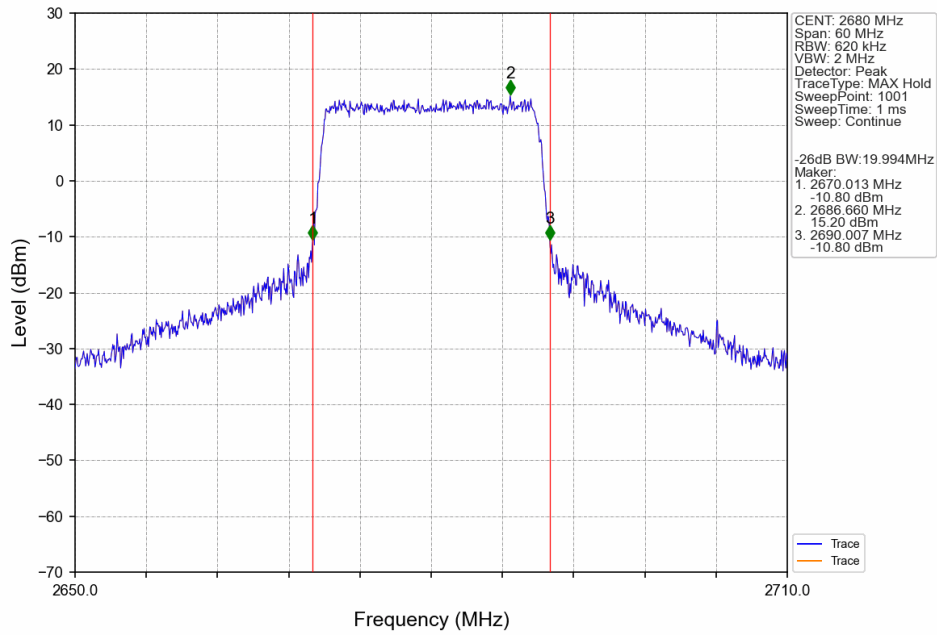
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



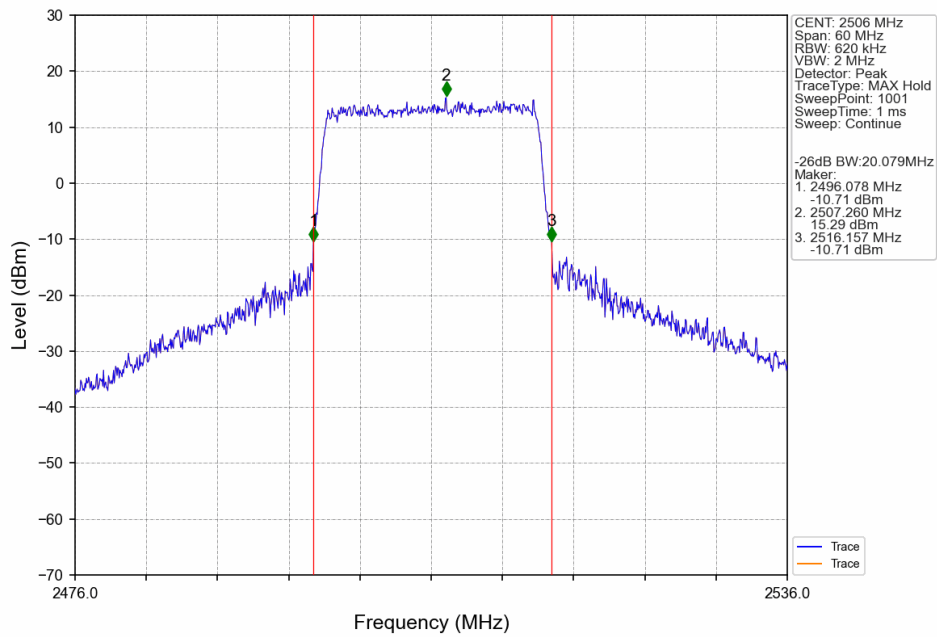
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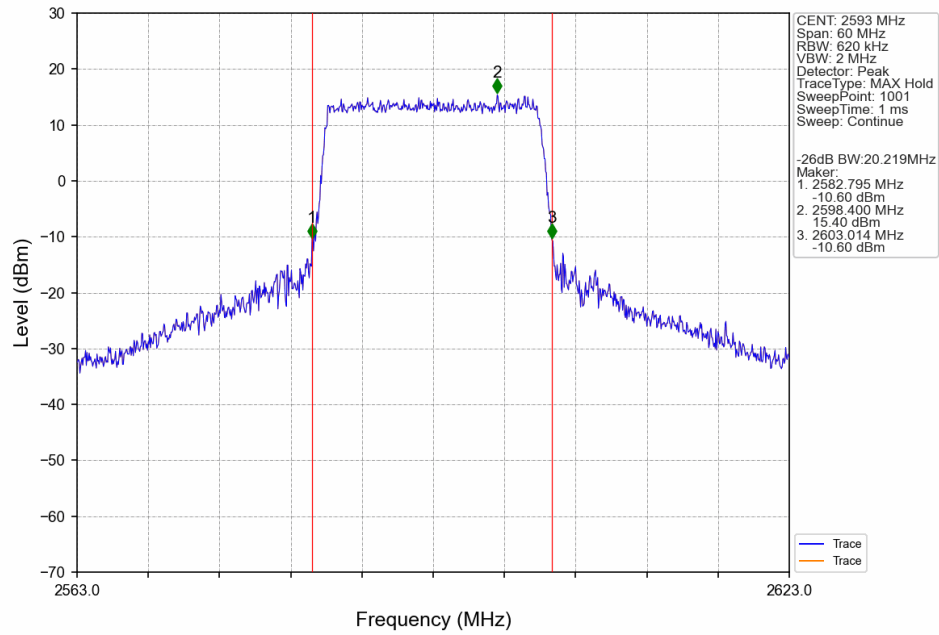
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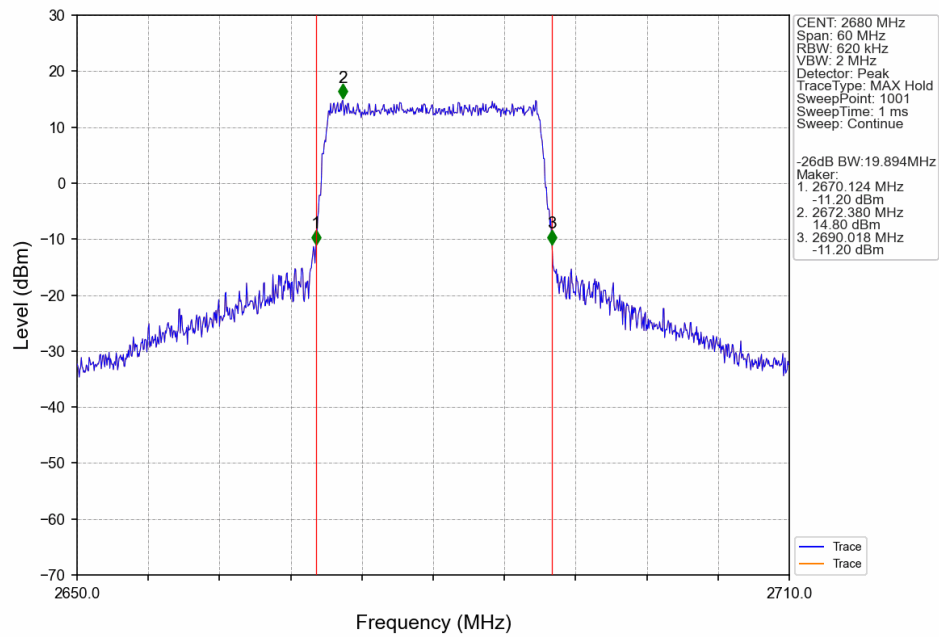
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.34	<=13	Pass
	2593	25	0	7.39	<=13	Pass
	2687.5	25	0	7.05	<=13	Pass
16QAM	2498.5	25	0	8.07	<=13	Pass
	2593	25	0	8.17	<=13	Pass
	2687.5	25	0	7.57	<=13	Pass
64QAM	2498.5	25	0	8.03	<=13	Pass
	2593	25	0	8.13	<=13	Pass
	2687.5	25	0	7.52	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.00	<=13	Pass
	2593	50	0	7.36	<=13	Pass
	2685	50	0	6.94	<=13	Pass
16QAM	2501	50	0	7.86	<=13	Pass
	2593	50	0	8.07	<=13	Pass
	2685	50	0	7.61	<=13	Pass
64QAM	2501	50	0	8.03	<=13	Pass
	2593	50	0	8.17	<=13	Pass
	2685	50	0	7.74	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.59	<=13	Pass
	2593	75	0	7.29	<=13	Pass
	2682.5	75	0	6.49	<=13	Pass
16QAM	2503.5	75	0	7.74	<=13	Pass
	2593	75	0	8.21	<=13	Pass
	2682.5	75	0	7.65	<=13	Pass
64QAM	2503.5	75	0	7.68	<=13	Pass
	2593	75	0	7.99	<=13	Pass
	2682.5	75	0	6.94	<=13	Pass

4.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	6.65	<=13	Pass
	2593	100	0	7.23	<=13	Pass
	2680	100	0	6.85	<=13	Pass
16QAM	2506	100	0	8.04	<=13	Pass
	2593	100	0	7.95	<=13	Pass
	2680	100	0	8.02	<=13	Pass
64QAM	2506	100	0	8.39	<=13	Pass
	2593	100	0	7.89	<=13	Pass
	2680	100	0	7.98	<=13	Pass