

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	22.85	0.66	23.51	<=33.01	Pass
			13	22.92	0.66	23.58	<=33.01	Pass
			24	22.77	0.66	23.43	<=33.01	Pass
		12	0	21.77	0.66	22.43	<=33.01	Pass
			6	21.87	0.66	22.53	<=33.01	Pass
			13	21.79	0.66	22.45	<=33.01	Pass
		25	0	21.84	0.66	22.50	<=33.01	Pass
	2535	1	0	22.90	0.66	23.56	<=33.01	Pass
			13	23.12	0.66	23.78	<=33.01	Pass
			24	22.97	0.66	23.63	<=33.01	Pass
		12	0	21.90	0.66	22.56	<=33.01	Pass
			6	22.03	0.66	22.69	<=33.01	Pass
			13	22.02	0.66	22.68	<=33.01	Pass
		25	0	22.06	0.66	22.72	<=33.01	Pass
	2567.5	1	0	22.93	0.66	23.59	<=33.01	Pass
			13	23.04	0.66	23.70	<=33.01	Pass
			24	23.00	0.66	23.66	<=33.01	Pass
		12	0	21.90	0.66	22.56	<=33.01	Pass
			6	21.98	0.66	22.64	<=33.01	Pass
			13	21.96	0.66	22.62	<=33.01	Pass
		25	0	21.97	0.66	22.63	<=33.01	Pass
16QAM	2502.5	1	0	21.92	0.66	22.58	<=33.01	Pass
			13	21.99	0.66	22.65	<=33.01	Pass
			24	21.87	0.66	22.53	<=33.01	Pass
		12	0	20.83	0.66	21.49	<=33.01	Pass
			6	20.89	0.66	21.55	<=33.01	Pass
			13	20.83	0.66	21.49	<=33.01	Pass
		25	0	20.85	0.66	21.51	<=33.01	Pass
	2535	1	0	22.14	0.66	22.80	<=33.01	Pass
			13	22.17	0.66	22.83	<=33.01	Pass
			24	22.16	0.66	22.82	<=33.01	Pass
		12	0	20.98	0.66	21.64	<=33.01	Pass
			6	21.11	0.66	21.77	<=33.01	Pass
			13	21.08	0.66	21.74	<=33.01	Pass
		25	0	21.06	0.66	21.72	<=33.01	Pass
	2567.5	1	0	22.10	0.66	22.76	<=33.01	Pass
			13	22.18	0.66	22.84	<=33.01	Pass
			24	22.14	0.66	22.80	<=33.01	Pass
		12	0	20.94	0.66	21.60	<=33.01	Pass
			6	21.04	0.66	21.70	<=33.01	Pass
			13	21.00	0.66	21.66	<=33.01	Pass
		25	0	21.01	0.66	21.67	<=33.01	Pass
64QAM	2502.5	1	0	21.01	0.66	21.67	<=33.01	Pass
			13	21.02	0.66	21.68	<=33.01	Pass
			24	21.00	0.66	21.66	<=33.01	Pass
		12	0	19.79	0.66	20.45	<=33.01	Pass
			6	19.92	0.66	20.58	<=33.01	Pass
			13	19.86	0.66	20.52	<=33.01	Pass
		25	0	19.84	0.66	20.50	<=33.01	Pass

	2535	1	0	21.21	0.66	21.87	<=33.01	Pass
			13	21.23	0.66	21.89	<=33.01	Pass
			24	21.17	0.66	21.83	<=33.01	Pass
		12	0	19.99	0.66	20.65	<=33.01	Pass
			6	20.09	0.66	20.75	<=33.01	Pass
			13	20.05	0.66	20.71	<=33.01	Pass
		25	0	20.07	0.66	20.73	<=33.01	Pass
			0	21.02	0.66	21.68	<=33.01	Pass
			13	21.14	0.66	21.80	<=33.01	Pass
	2567.5	1	24	21.01	0.66	21.67	<=33.01	Pass
			0	19.90	0.66	20.56	<=33.01	Pass
			6	20.02	0.66	20.68	<=33.01	Pass
		12	13	20.00	0.66	20.66	<=33.01	Pass
			0	19.97	0.66	20.63	<=33.01	Pass
			0					
			0					
			0					
			0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.82	0.66	23.48	<=33.01	Pass
			25	22.78	0.66	23.44	<=33.01	Pass
			49	22.68	0.66	23.34	<=33.01	Pass
		25	0	21.87	0.66	22.53	<=33.01	Pass
			13	21.86	0.66	22.52	<=33.01	Pass
			25	21.79	0.66	22.45	<=33.01	Pass
		50	0	21.82	0.66	22.48	<=33.01	Pass
			0	23.00	0.66	23.66	<=33.01	Pass
			25	23.07	0.66	23.73	<=33.01	Pass
	2535	1	49	23.01	0.66	23.67	<=33.01	Pass
			0	21.99	0.66	22.65	<=33.01	Pass
			13	22.09	0.66	22.75	<=33.01	Pass
		25	25	22.03	0.66	22.69	<=33.01	Pass
			0	22.03	0.66	22.69	<=33.01	Pass
			0	22.99	0.66	23.65	<=33.01	Pass
		1	25	23.02	0.66	23.68	<=33.01	Pass
			49	22.93	0.66	23.59	<=33.01	Pass
			0	21.95	0.66	22.61	<=33.01	Pass
	2565	25	13	21.91	0.66	22.57	<=33.01	Pass
			25	21.95	0.66	22.61	<=33.01	Pass
			0	21.89	0.66	22.55	<=33.01	Pass
16QAM	2505	1	0	22.12	0.66	22.78	<=33.01	Pass
			25	22.03	0.66	22.69	<=33.01	Pass
			49	21.96	0.66	22.62	<=33.01	Pass
		25	0	20.90	0.66	21.56	<=33.01	Pass
			13	20.88	0.66	21.54	<=33.01	Pass
			25	20.82	0.66	21.48	<=33.01	Pass
		50	0	20.86	0.66	21.52	<=33.01	Pass
			0	22.14	0.66	22.80	<=33.01	Pass
			25	22.12	0.66	22.78	<=33.01	Pass
	2535	1	49	22.18	0.66	22.84	<=33.01	Pass
			0	20.95	0.66	21.61	<=33.01	Pass
			13	21.06	0.66	21.72	<=33.01	Pass
		25	25	21.07	0.66	21.73	<=33.01	Pass
			0	21.03	0.66	21.69	<=33.01	Pass
			0	22.17	0.66	22.83	<=33.01	Pass
		1	0					
			0					
			0					

			25	22.19	0.66	22.85	<=33.01	Pass	
			49	22.06	0.66	22.72	<=33.01	Pass	
		25	0	20.95	0.66	21.61	<=33.01	Pass	
			13	20.97	0.66	21.63	<=33.01	Pass	
			25	20.97	0.66	21.63	<=33.01	Pass	
		50	0	20.90	0.66	21.56	<=33.01	Pass	
64QAM	2505	1	0	21.05	0.66	21.71	<=33.01	Pass	
			25	20.97	0.66	21.63	<=33.01	Pass	
			49	20.85	0.66	21.51	<=33.01	Pass	
		25	0	19.89	0.66	20.55	<=33.01	Pass	
			13	19.88	0.66	20.54	<=33.01	Pass	
			25	19.80	0.66	20.46	<=33.01	Pass	
	50	0	19.84	0.66	20.50	<=33.01	Pass		
	2535	1	0	21.13	0.66	21.79	<=33.01	Pass	
			25	21.27	0.66	21.93	<=33.01	Pass	
			49	21.15	0.66	21.81	<=33.01	Pass	
		25	0	19.98	0.66	20.64	<=33.01	Pass	
			13	20.10	0.66	20.76	<=33.01	Pass	
			25	20.06	0.66	20.72	<=33.01	Pass	
	50	0	20.06	0.66	20.72	<=33.01	Pass		
	2565	1	0	21.22	0.66	21.88	<=33.01	Pass	
			25	21.25	0.66	21.91	<=33.01	Pass	
			49	21.06	0.66	21.72	<=33.01	Pass	
		25	0	19.94	0.66	20.60	<=33.01	Pass	
			13	19.95	0.66	20.61	<=33.01	Pass	
			25	20.00	0.66	20.66	<=33.01	Pass	
	50	0	19.94	0.66	20.60	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	22.61	0.66	23.27	<=33.01	Pass
			38	22.50	0.66	23.16	<=33.01	Pass
			74	22.37	0.66	23.03	<=33.01	Pass
		36	0	21.75	0.66	22.41	<=33.01	Pass
			18	21.72	0.66	22.38	<=33.01	Pass
			39	21.66	0.66	22.32	<=33.01	Pass
		75	0	21.72	0.66	22.38	<=33.01	Pass
	2535	1	0	22.79	0.66	23.45	<=33.01	Pass
			38	22.82	0.66	23.48	<=33.01	Pass
			74	22.79	0.66	23.45	<=33.01	Pass
		36	0	21.80	0.66	22.46	<=33.01	Pass
			18	21.94	0.66	22.60	<=33.01	Pass
			39	21.91	0.66	22.57	<=33.01	Pass
		75	0	21.91	0.66	22.57	<=33.01	Pass
	2562.5	1	0	22.91	0.66	23.57	<=33.01	Pass
			38	22.83	0.66	23.49	<=33.01	Pass
			74	22.65	0.66	23.31	<=33.01	Pass
		36	0	21.82	0.66	22.48	<=33.01	Pass
			18	21.90	0.66	22.56	<=33.01	Pass
			39	21.78	0.66	22.44	<=33.01	Pass
		75	0	21.88	0.66	22.54	<=33.01	Pass
16QAM	2507.5	1	0	21.81	0.66	22.47	<=33.01	Pass
			38	21.64	0.66	22.30	<=33.01	Pass

64QAM	2535	36	74	21.68	0.66	22.34	<=33.01	Pass
			0	20.77	0.66	21.43	<=33.01	Pass
			18	20.74	0.66	21.40	<=33.01	Pass
			39	20.65	0.66	21.31	<=33.01	Pass
		75	0	20.73	0.66	21.39	<=33.01	Pass
		1	0	21.89	0.66	22.55	<=33.01	Pass
			38	22.13	0.66	22.79	<=33.01	Pass
			74	22.08	0.66	22.74	<=33.01	Pass
			0	20.83	0.66	21.49	<=33.01	Pass
			18	20.89	0.66	21.55	<=33.01	Pass
			39	20.95	0.66	21.61	<=33.01	Pass
		75	0	20.92	0.66	21.58	<=33.01	Pass
	2562.5	1	0	21.93	0.66	22.59	<=33.01	Pass
			38	21.84	0.66	22.50	<=33.01	Pass
			74	21.73	0.66	22.39	<=33.01	Pass
			0	20.87	0.66	21.53	<=33.01	Pass
		36	18	20.88	0.66	21.54	<=33.01	Pass
			39	20.83	0.66	21.49	<=33.01	Pass
			0	20.87	0.66	21.53	<=33.01	Pass
		75	0	20.87	0.66	21.53	<=33.01	Pass
64QAM	2507.5	1	0	20.94	0.66	21.60	<=33.01	Pass
			38	20.83	0.66	21.49	<=33.01	Pass
			74	20.66	0.66	21.32	<=33.01	Pass
			0	19.77	0.66	20.43	<=33.01	Pass
		36	18	19.74	0.66	20.40	<=33.01	Pass
			39	19.65	0.66	20.31	<=33.01	Pass
			0	19.75	0.66	20.41	<=33.01	Pass
		75	0	19.75	0.66	20.41	<=33.01	Pass
	2535	1	0	20.93	0.66	21.59	<=33.01	Pass
			38	20.98	0.66	21.64	<=33.01	Pass
			74	21.05	0.66	21.71	<=33.01	Pass
			0	19.86	0.66	20.52	<=33.01	Pass
		36	18	19.96	0.66	20.62	<=33.01	Pass
			39	19.92	0.66	20.58	<=33.01	Pass
			0	19.96	0.66	20.62	<=33.01	Pass
		75	0	19.96	0.66	20.62	<=33.01	Pass
	2562.5	1	0	20.97	0.66	21.63	<=33.01	Pass
			38	21.06	0.66	21.72	<=33.01	Pass
			74	20.92	0.66	21.58	<=33.01	Pass
			0	19.88	0.66	20.54	<=33.01	Pass
		36	18	19.89	0.66	20.55	<=33.01	Pass
			39	19.87	0.66	20.53	<=33.01	Pass
			0	19.89	0.66	20.55	<=33.01	Pass
		75	0	19.89	0.66	20.55	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.68	0.66	23.34	<=33.01	Pass
			50	22.58	0.66	23.24	<=33.01	Pass
			99	22.52	0.66	23.18	<=33.01	Pass
		50	0	21.68	0.66	22.34	<=33.01	Pass
			25	21.69	0.66	22.35	<=33.01	Pass
			50	21.64	0.66	22.30	<=33.01	Pass
		100	0	21.71	0.66	22.37	<=33.01	Pass
			0	22.65	0.66	23.31	<=33.01	Pass
	2535	1	50	22.76	0.66	23.42	<=33.01	Pass
			99	22.70	0.66	23.36	<=33.01	Pass

		50	0	21.84	0.66	22.50	<=33.01	Pass	
			25	21.94	0.66	22.60	<=33.01	Pass	
			50	21.93	0.66	22.59	<=33.01	Pass	
		100	0	21.91	0.66	22.57	<=33.01	Pass	
			50	22.79	0.66	23.45	<=33.01	Pass	
			99	22.63	0.66	23.29	<=33.01	Pass	
	50	0	21.93	0.66	22.59	<=33.01	Pass		
		25	21.91	0.66	22.57	<=33.01	Pass		
		50	21.82	0.66	22.48	<=33.01	Pass		
	100	0	21.85	0.66	22.51	<=33.01	Pass		
	16QAM	2510	1	0	21.78	0.66	22.44	<=33.01	Pass
				50	21.63	0.66	22.29	<=33.01	Pass
99				21.61	0.66	22.27	<=33.01	Pass	
50			0	20.69	0.66	21.35	<=33.01	Pass	
			25	20.71	0.66	21.37	<=33.01	Pass	
			50	20.65	0.66	21.31	<=33.01	Pass	
100			0	20.70	0.66	21.36	<=33.01	Pass	
50			21.82	0.66	22.48	<=33.01	Pass		
99			21.69	0.66	22.35	<=33.01	Pass		
50		0	20.86	0.66	21.52	<=33.01	Pass		
		25	20.95	0.66	21.61	<=33.01	Pass		
		50	20.94	0.66	21.60	<=33.01	Pass		
100		0	20.94	0.66	21.60	<=33.01	Pass		
50		21.97	0.66	22.63	<=33.01	Pass			
99		21.80	0.66	22.46	<=33.01	Pass			
50		0	20.92	0.66	21.58	<=33.01	Pass		
		25	20.93	0.66	21.59	<=33.01	Pass		
		50	20.86	0.66	21.52	<=33.01	Pass		
100		0	20.86	0.66	21.52	<=33.01	Pass		
64QAM		2510	1	0	20.89	0.66	21.55	<=33.01	Pass
				50	20.76	0.66	21.42	<=33.01	Pass
				99	20.65	0.66	21.31	<=33.01	Pass
			50	0	19.63	0.66	20.29	<=33.01	Pass
				25	19.71	0.66	20.37	<=33.01	Pass
				50	19.67	0.66	20.33	<=33.01	Pass
			100	0	19.72	0.66	20.38	<=33.01	Pass
			50	20.97	0.66	21.63	<=33.01	Pass	
	99		20.93	0.66	21.59	<=33.01	Pass		
	50	0	19.84	0.66	20.50	<=33.01	Pass		
		25	19.96	0.66	20.62	<=33.01	Pass		
		50	19.93	0.66	20.59	<=33.01	Pass		
	100	0	19.94	0.66	20.60	<=33.01	Pass		
	50	20.96	0.66	21.62	<=33.01	Pass			
	99	21.00	0.66	21.66	<=33.01	Pass			
	50	0	19.91	0.66	20.57	<=33.01	Pass		
		25	19.97	0.66	20.63	<=33.01	Pass		
		50	19.83	0.66	20.49	<=33.01	Pass		
	100	0	19.83	0.66	20.49	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.6	-1.900	-0.0008	-2.5 to 2.5	Pass
					3.92	0.100	0.0000	-2.5 to 2.5	Pass
					4.53	-3.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-10	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				50	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
	2535	25	0	20	3.6	3.500	0.0014	-2.5 to 2.5	Pass
					3.92	1.300	0.0005	-2.5 to 2.5	Pass
					4.53	1.700	0.0007	-2.5 to 2.5	Pass
				-30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.92	-1.000	-0.0004	-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	4.100	0.0016	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0001	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.6	-2.200	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
					4.53	2.900	0.0011	-2.5 to 2.5	Pass
				-30	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	1.800	0.0007	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.6	2.200	0.0009	-2.5 to 2.5	Pass
					3.92	3.200	0.0013	-2.5 to 2.5	Pass
					4.53	2.000	0.0008	-2.5 to 2.5	Pass
				-30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.92	2.800	0.0011	-2.5 to 2.5	Pass
				10	3.92	3.400	0.0014	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				50	3.92	0.400	0.0002	-2.5 to 2.5	Pass
	2535	25	0	20	3.6	3.700	0.0015	-2.5 to 2.5	Pass
					3.92	2.900	0.0011	-2.5 to 2.5	Pass
					4.53	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-0.900	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	2.300	0.0009	-2.5 to 2.5	Pass

				-10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				40	3.92	4.200	0.0017	-2.5 to 2.5	Pass
				50	3.92	2.500	0.0010	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.6	1.600	0.0006	-2.5 to 2.5	Pass
					3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
					4.53	-2.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				40	3.92	4.100	0.0016	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
64QAM	2502.5	25	0	20	3.6	2.400	0.0010	-2.5 to 2.5	Pass
					3.92	-53.400	-0.0213	-2.5 to 2.5	Pass
					4.53	15.200	0.0061	-2.5 to 2.5	Pass
				-30	3.92	19.800	0.0079	-2.5 to 2.5	Pass
				-20	3.92	12.100	0.0048	-2.5 to 2.5	Pass
				-10	3.92	15.900	0.0064	-2.5 to 2.5	Pass
				0	3.92	-33.700	-0.0135	-2.5 to 2.5	Pass
				10	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-31.400	-0.0125	-2.5 to 2.5	Pass
				40	3.92	-15.400	-0.0062	-2.5 to 2.5	Pass
	2535	25	0	50	3.92	-23.500	-0.0094	-2.5 to 2.5	Pass
				20	3.6	-12.700	-0.0050	-2.5 to 2.5	Pass
					3.92	-9.100	-0.0036	-2.5 to 2.5	Pass
					4.53	43.600	0.0172	-2.5 to 2.5	Pass
				-30	3.92	-12.100	-0.0048	-2.5 to 2.5	Pass
				-20	3.92	31.000	0.0122	-2.5 to 2.5	Pass
				-10	3.92	17.300	0.0068	-2.5 to 2.5	Pass
				0	3.92	7.800	0.0031	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	4.300	0.0017	-2.5 to 2.5	Pass
	2567.5	25	0	40	3.92	-7.200	-0.0028	-2.5 to 2.5	Pass
				50	3.92	-43.200	-0.0170	-2.5 to 2.5	Pass
				20	3.6	12.600	0.0049	-2.5 to 2.5	Pass
					3.92	-4.600	-0.0018	-2.5 to 2.5	Pass
					4.53	15.000	0.0058	-2.5 to 2.5	Pass
				-30	3.92	-13.300	-0.0052	-2.5 to 2.5	Pass
				-20	3.92	-43.200	-0.0168	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-60.800	-0.0237	-2.5 to 2.5	Pass
				10	3.92	-15.700	-0.0061	-2.5 to 2.5	Pass
				30	3.92	18.900	0.0074	-2.5 to 2.5	Pass
				40	3.92	-10.100	-0.0039	-2.5 to 2.5	Pass
				50	3.92	4.000	0.0016	-2.5 to 2.5	Pass

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.6	3.100	0.0012	-2.5 to 2.5	Pass

					3.92	0.900	0.0004	-2.5 to 2.5	Pass
					4.53	1.200	0.0005	-2.5 to 2.5	Pass
				-30	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				-20	3.92	2.200	0.0009	-2.5 to 2.5	Pass
				-10	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				0	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				10	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.92	3.700	0.0015	-2.5 to 2.5	Pass
				50	3.92	2.100	0.0008	-2.5 to 2.5	Pass
	2535	50	0	20	3.6	-0.800	-0.0003	-2.5 to 2.5	Pass
					3.92	1.700	0.0007	-2.5 to 2.5	Pass
					4.53	-1.900	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				-20	3.92	2.700	0.0011	-2.5 to 2.5	Pass
				-10	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				0	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	5.100	0.0020	-2.5 to 2.5	Pass
	2565	50	0	20	3.6	2.300	0.0009	-2.5 to 2.5	Pass
					3.92	3.700	0.0014	-2.5 to 2.5	Pass
					4.53	1.900	0.0007	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				-20	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0004	-2.5 to 2.5	Pass
				0	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
				30	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				40	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				50	3.92	0.800	0.0003	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.6	2.600	0.0010	-2.5 to 2.5	Pass
					3.92	3.300	0.0013	-2.5 to 2.5	Pass
					4.53	2.300	0.0009	-2.5 to 2.5	Pass
				-30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				30	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				40	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				50	3.92	3.700	0.0015	-2.5 to 2.5	Pass
	2535	50	0	20	3.6	3.500	0.0014	-2.5 to 2.5	Pass
					3.92	7.900	0.0031	-2.5 to 2.5	Pass
					4.53	2.900	0.0011	-2.5 to 2.5	Pass
				-30	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				0	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				40	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				50	3.92	1.200	0.0005	-2.5 to 2.5	Pass
	2565	50	0	20	3.6	-1.900	-0.0007	-2.5 to 2.5	Pass
					3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
					4.53	-0.300	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass

64QAM				-10	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				0	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				10	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				40	3.92	1.700	0.0007	-2.5 to 2.5	Pass
	2505	50	0	50	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				20	3.6	16.000	0.0064	-2.5 to 2.5	Pass
					3.92	7.600	0.0030	-2.5 to 2.5	Pass
					4.53	1.500	0.0006	-2.5 to 2.5	Pass
				-30	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				-20	3.92	9.200	0.0037	-2.5 to 2.5	Pass
				-10	3.92	9.500	0.0038	-2.5 to 2.5	Pass
				0	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				10	3.92	-7.100	-0.0028	-2.5 to 2.5	Pass
				30	3.92	3.200	0.0013	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	3.92	-9.200	-0.0037	-2.5 to 2.5	Pass
	2535	50	0	20	3.6	5.100	0.0020	-2.5 to 2.5	Pass
					3.92	12.500	0.0049	-2.5 to 2.5	Pass
					4.53	-14.200	-0.0056	-2.5 to 2.5	Pass
				-30	3.92	9.500	0.0037	-2.5 to 2.5	Pass
				-20	3.92	10.000	0.0039	-2.5 to 2.5	Pass
				-10	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-6.700	-0.0026	-2.5 to 2.5	Pass
				10	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-38.500	-0.0152	-2.5 to 2.5	Pass
				40	3.92	-9.500	-0.0037	-2.5 to 2.5	Pass
				50	3.92	2.800	0.0011	-2.5 to 2.5	Pass
	2565	50	0	20	3.6	23.600	0.0092	-2.5 to 2.5	Pass
					3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
					4.53	-10.600	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	-18.100	-0.0071	-2.5 to 2.5	Pass
				-20	3.92	13.700	0.0053	-2.5 to 2.5	Pass
				-10	3.92	16.600	0.0065	-2.5 to 2.5	Pass
				0	3.92	-14.700	-0.0057	-2.5 to 2.5	Pass
				10	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				30	3.92	-7.100	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				50	3.92	-8.500	-0.0033	-2.5 to 2.5	Pass

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.6	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	-3.700	-0.0015	-2.5 to 2.5	Pass
					4.53	0.800	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				10	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0008	-2.5 to 2.5	Pass
				50	3.92	2.200	0.0009	-2.5 to 2.5	Pass
	2535	75	0	20	3.6	-0.300	-0.0001	-2.5 to 2.5	Pass

					3.92	-1.400	-0.0006	-2.5 to 2.5	Pass
					4.53	1.000	0.0004	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				-10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0001	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.6	-0.500	-0.0002	-2.5 to 2.5	Pass
					3.92	1.300	0.0005	-2.5 to 2.5	Pass
					4.53	0.900	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				-10	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				0	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0011	-2.5 to 2.5	Pass
				40	3.92	2.300	0.0009	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.6	2.200	0.0009	-2.5 to 2.5	Pass
					3.92	0.800	0.0003	-2.5 to 2.5	Pass
					4.53	1.200	0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.92	2.200	0.0009	-2.5 to 2.5	Pass
				0	3.92	-7.000	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				40	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
	2535	75	0	20	3.6	1.000	0.0004	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
					4.53	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				-10	3.92	3.500	0.0014	-2.5 to 2.5	Pass
				0	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				10	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0004	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.6	-5.200	-0.0020	-2.5 to 2.5	Pass
					3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
					4.53	0.400	0.0002	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				10	3.92	2.900	0.0011	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.700	0.0007	-2.5 to 2.5	Pass
64QAM	2507.5	75	0	20	3.6	8.100	0.0032	-2.5 to 2.5	Pass
					3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
					4.53	5.700	0.0023	-2.5 to 2.5	Pass
				-30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0008	-2.5 to 2.5	Pass

				-10	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				0	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				10	3.92	7.900	0.0032	-2.5 to 2.5	Pass
				30	3.92	13.700	0.0055	-2.5 to 2.5	Pass
				40	3.92	-7.100	-0.0028	-2.5 to 2.5	Pass
				50	3.92	-12.400	-0.0049	-2.5 to 2.5	Pass
	2535	75	0	20	3.6	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	16.000	0.0063	-2.5 to 2.5	Pass
					4.53	7.400	0.0029	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-14.700	-0.0058	-2.5 to 2.5	Pass
				-10	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				0	3.92	-6.200	-0.0024	-2.5 to 2.5	Pass
				10	3.92	-4.400	-0.0017	-2.5 to 2.5	Pass
				30	3.92	16.500	0.0065	-2.5 to 2.5	Pass
				40	3.92	6.600	0.0026	-2.5 to 2.5	Pass
				50	3.92	6.800	0.0027	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.6	0.900	0.0004	-2.5 to 2.5	Pass
					3.92	1.800	0.0007	-2.5 to 2.5	Pass
					4.53	-4.800	-0.0019	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	7.000	0.0027	-2.5 to 2.5	Pass
				-10	3.92	4.000	0.0016	-2.5 to 2.5	Pass
				0	3.92	13.200	0.0052	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				40	3.92	-11.100	-0.0043	-2.5 to 2.5	Pass
				50	3.92	2.900	0.0011	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.6	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.92	-0.100	0.0000	-2.5 to 2.5	Pass
					4.53	0.700	0.0003	-2.5 to 2.5	Pass
				-30	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				-20	3.92	2.900	0.0012	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
				30	3.92	3.800	0.0015	-2.5 to 2.5	Pass
				40	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	3.92	2.600	0.0010	-2.5 to 2.5	Pass
	2535	100	0	20	3.6	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
					4.53	-1.200	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				-20	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				-10	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				50	3.92	0.100	0.0000	-2.5 to 2.5	Pass
	2560	100	0	20	3.6	0.900	0.0004	-2.5 to 2.5	Pass

					3.92	3.400	0.0013	-2.5 to 2.5	Pass
					4.53	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				-10	3.92	2.900	0.0011	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				40	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.6	2.600	0.0010	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
					4.53	-0.700	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				10	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0004	-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
	2535	100	0	20	3.6	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	1.200	0.0005	-2.5 to 2.5	Pass
					4.53	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	2.800	0.0011	-2.5 to 2.5	Pass
				0	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	1.800	0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.6	-1.800	-0.0007	-2.5 to 2.5	Pass
					3.92	-2.700	-0.0011	-2.5 to 2.5	Pass
					4.53	-1.200	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				0	3.92	2.700	0.0011	-2.5 to 2.5	Pass
				10	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	0.900	0.0004	-2.5 to 2.5	Pass
64QAM	2510	100	0	20	3.6	-11.000	-0.0044	-2.5 to 2.5	Pass
					3.92	3.600	0.0014	-2.5 to 2.5	Pass
					4.53	-2.400	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	9.800	0.0039	-2.5 to 2.5	Pass
				-20	3.92	-5.800	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-13.900	-0.0055	-2.5 to 2.5	Pass
				0	3.92	-4.300	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				40	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				50	3.92	5.600	0.0022	-2.5 to 2.5	Pass
	2535	100	0	20	3.6	11.400	0.0045	-2.5 to 2.5	Pass
					3.92	5.900	0.0023	-2.5 to 2.5	Pass
					4.53	0.700	0.0003	-2.5 to 2.5	Pass
				-30	3.92	9.400	0.0037	-2.5 to 2.5	Pass
				-20	3.92	20.500	0.0081	-2.5 to 2.5	Pass

				-10	3.92	-13.400	-0.0053	-2.5 to 2.5	Pass
				0	3.92	5.400	0.0021	-2.5 to 2.5	Pass
				10	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	9.900	0.0039	-2.5 to 2.5	Pass
				50	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.6	-4.800	-0.0019	-2.5 to 2.5	Pass
					3.92	3.100	0.0012	-2.5 to 2.5	Pass
					4.53	0.700	0.0003	-2.5 to 2.5	Pass
				-30	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				-20	3.92	4.400	0.0017	-2.5 to 2.5	Pass
				-10	3.92	-6.000	-0.0023	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				10	3.92	1.700	0.0007	-2.5 to 2.5	Pass
				30	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				40	3.92	6.000	0.0023	-2.5 to 2.5	Pass
				50	3.92	9.700	0.0038	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.569	/	Pass
		2535	25	0	4.565	/	Pass
		2567.5	25	0	4.583	/	Pass
	16QAM	2502.5	25	0	4.554	/	Pass
		2535	25	0	4.567	/	Pass
		2567.5	25	0	4.566	/	Pass
	64QAM	2502.5	25	0	4.563	/	Pass
		2535	25	0	4.560	/	Pass
		2567.5	25	0	4.567	/	Pass
10	QPSK	2505	50	0	9.101	/	Pass
		2535	50	0	9.081	/	Pass
		2565	50	0	9.113	/	Pass
	16QAM	2505	50	0	9.085	/	Pass
		2535	50	0	9.094	/	Pass
		2565	50	0	9.099	/	Pass
	64QAM	2505	50	0	9.113	/	Pass
		2535	50	0	9.096	/	Pass
		2565	50	0	9.094	/	Pass
15	QPSK	2507.5	75	0	13.620	/	Pass
		2535	75	0	13.632	/	Pass
		2562.5	75	0	13.602	/	Pass
	16QAM	2507.5	75	0	13.609	/	Pass
		2535	75	0	13.640	/	Pass
		2562.5	75	0	13.628	/	Pass
	64QAM	2507.5	75	0	13.642	/	Pass
		2535	75	0	13.675	/	Pass
		2562.5	75	0	13.649	/	Pass
20	QPSK	2510	100	0	18.143	/	Pass
		2535	100	0	18.145	/	Pass
		2560	100	0	18.163	/	Pass
	16QAM	2510	100	0	18.172	/	Pass
		2535	100	0	18.120	/	Pass
		2560	100	0	18.189	/	Pass
	64QAM	2510	100	0	18.196	/	Pass
		2535	100	0	18.146	/	Pass
		2560	100	0	18.104	/	Pass

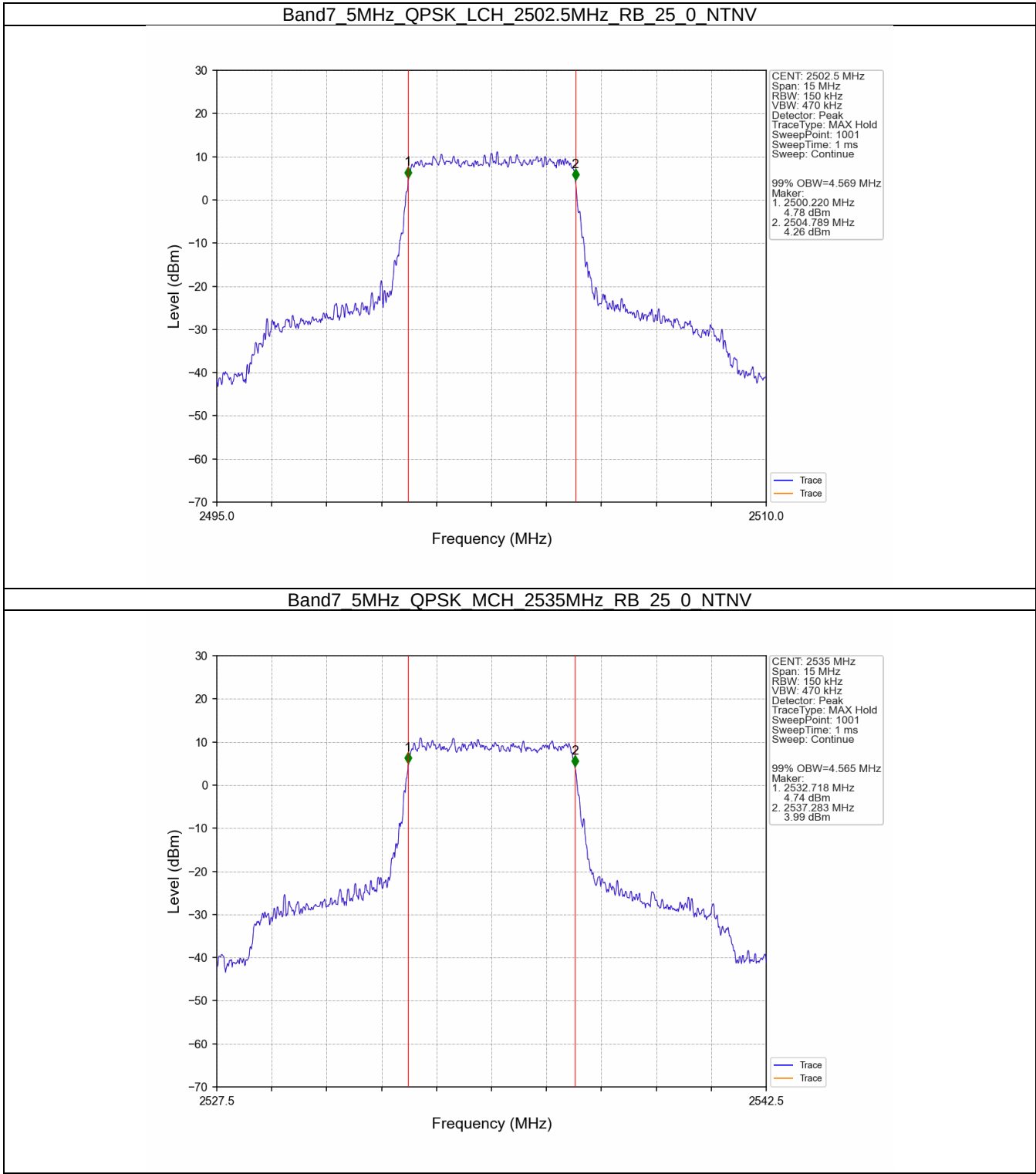
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.276	/	Pass
		2535	25	0	5.243	/	Pass
		2567.5	25	0	5.261	/	Pass

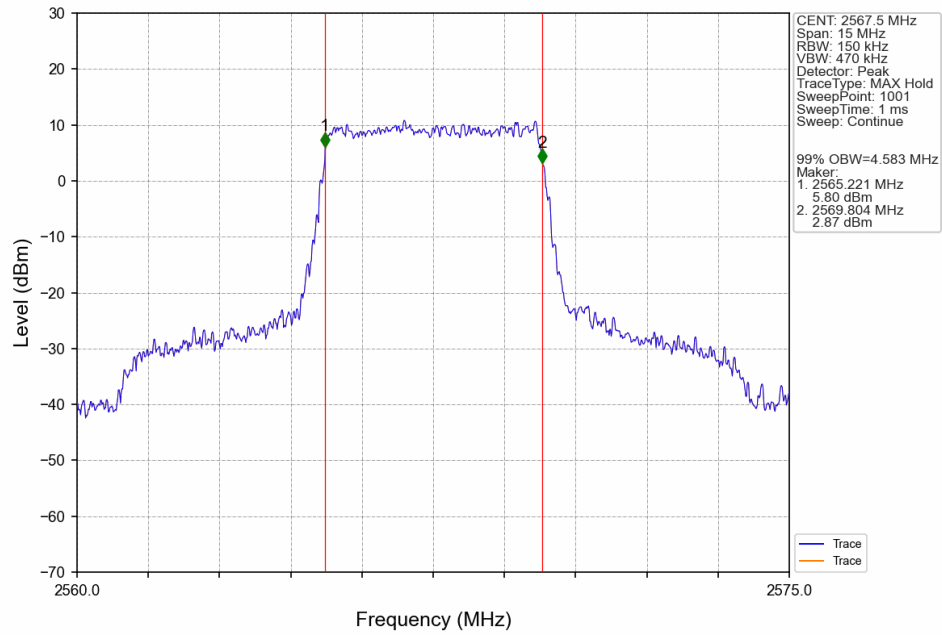
	16QAM	2502.5	25	0	5.229	/	Pass
		2535	25	0	5.224	/	Pass
		2567.5	25	0	5.283	/	Pass
	64QAM	2502.5	25	0	5.199	/	Pass
		2535	25	0	5.256	/	Pass
		2567.5	25	0	5.229	/	Pass
10	QPSK	2505	50	0	10.274	/	Pass
		2535	50	0	10.220	/	Pass
		2565	50	0	10.285	/	Pass
	16QAM	2505	50	0	10.384	/	Pass
		2535	50	0	9.996	/	Pass
		2565	50	0	10.205	/	Pass
	64QAM	2505	50	0	10.309	/	Pass
		2535	50	0	10.253	/	Pass
		2565	50	0	10.274	/	Pass
15	QPSK	2507.5	75	0	15.295	/	Pass
		2535	75	0	15.174	/	Pass
		2562.5	75	0	15.140	/	Pass
	16QAM	2507.5	75	0	15.079	/	Pass
		2535	75	0	15.196	/	Pass
		2562.5	75	0	15.056	/	Pass
	64QAM	2507.5	75	0	15.194	/	Pass
		2535	75	0	15.227	/	Pass
		2562.5	75	0	15.070	/	Pass
20	QPSK	2510	100	0	20.047	/	Pass
		2535	100	0	20.034	/	Pass
		2560	100	0	20.063	/	Pass
	16QAM	2510	100	0	20.182	/	Pass
		2535	100	0	20.069	/	Pass
		2560	100	0	19.983	/	Pass
	64QAM	2510	100	0	20.215	/	Pass
		2535	100	0	20.114	/	Pass
		2560	100	0	20.078	/	Pass

3.2 Test Graph

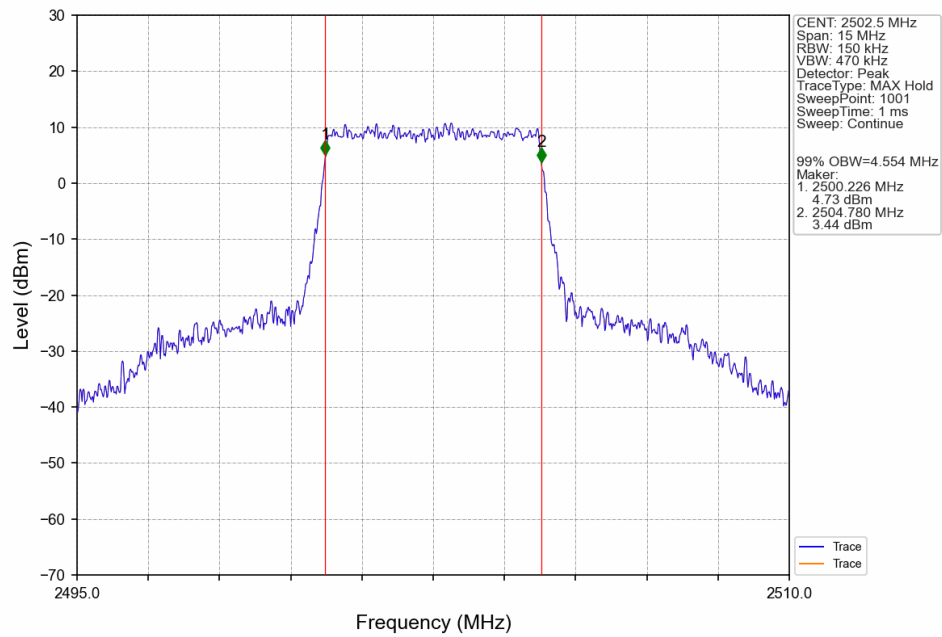
3.2.1 Band7_OBW



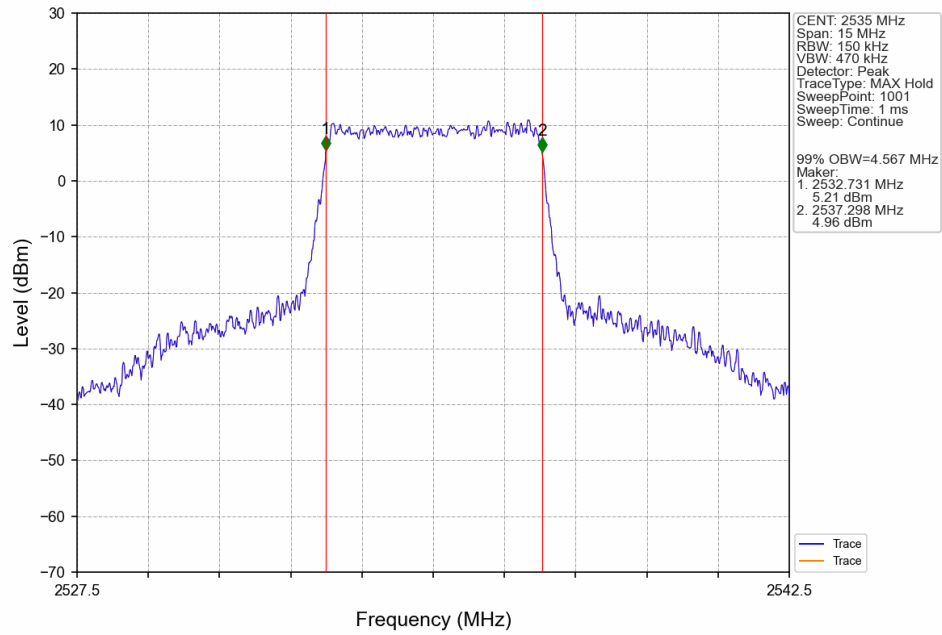
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



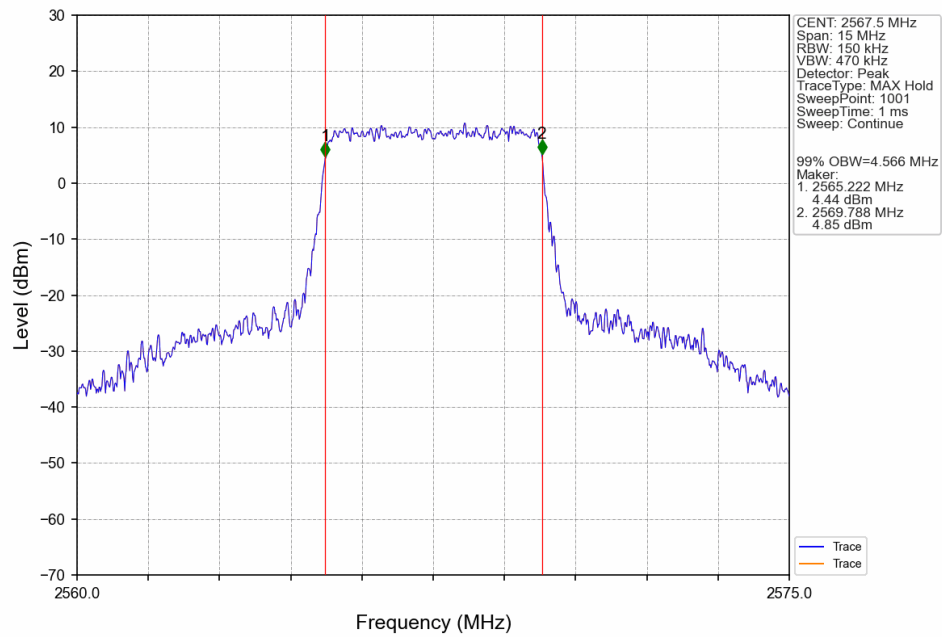
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



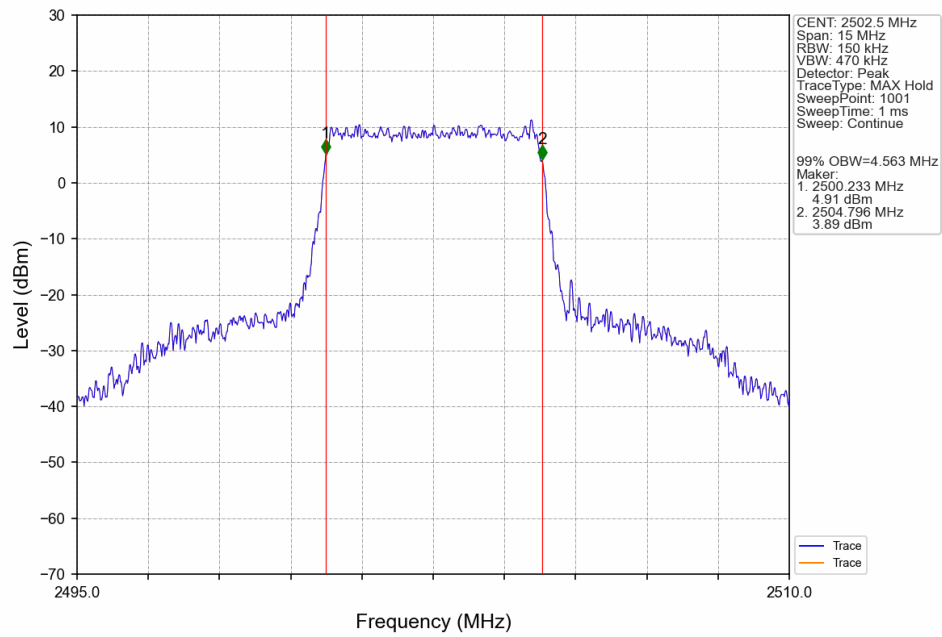
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



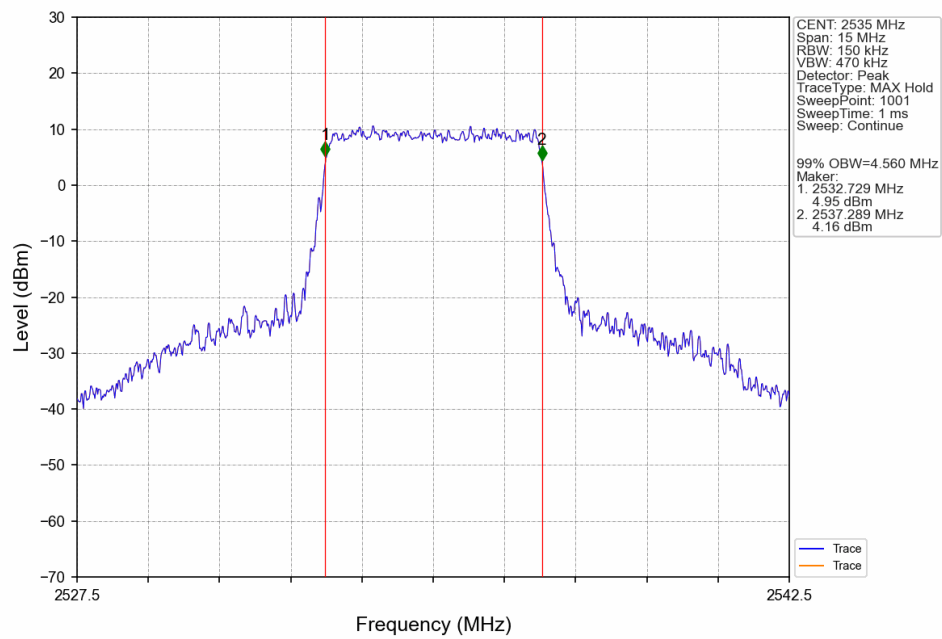
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



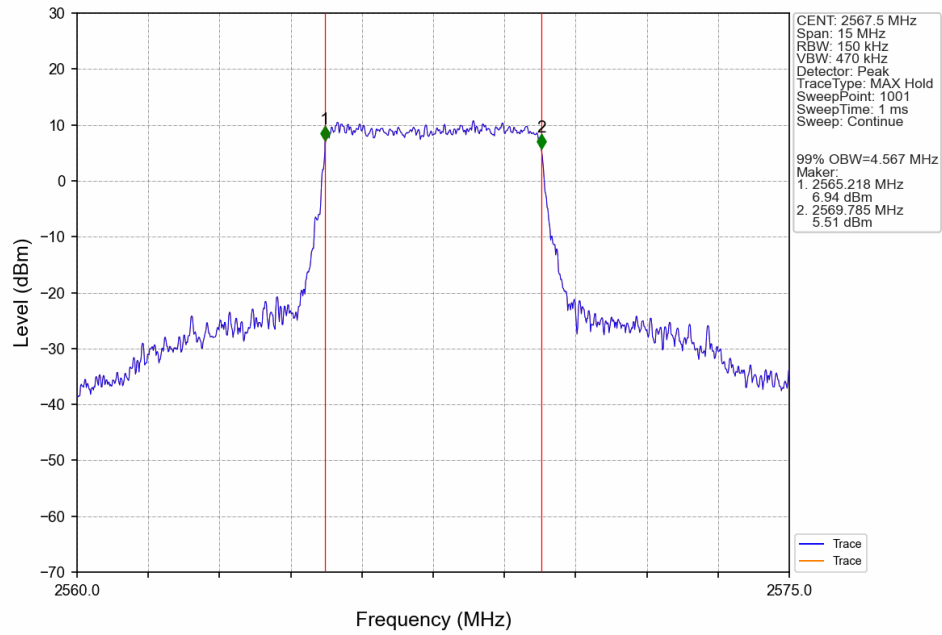
Band7 5MHz 64QAM LCH 2502.5MHz RB 25 0 NTNV



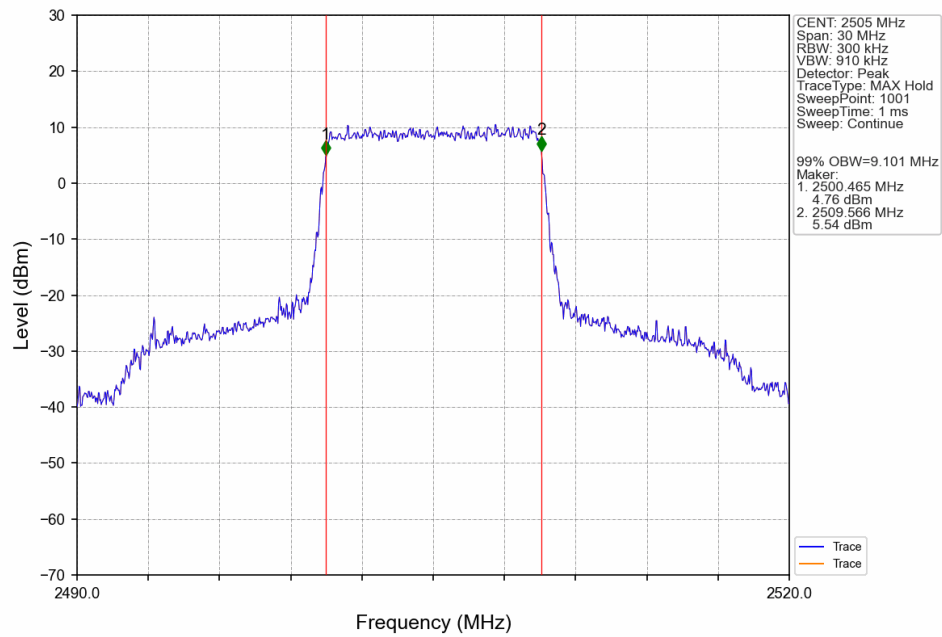
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



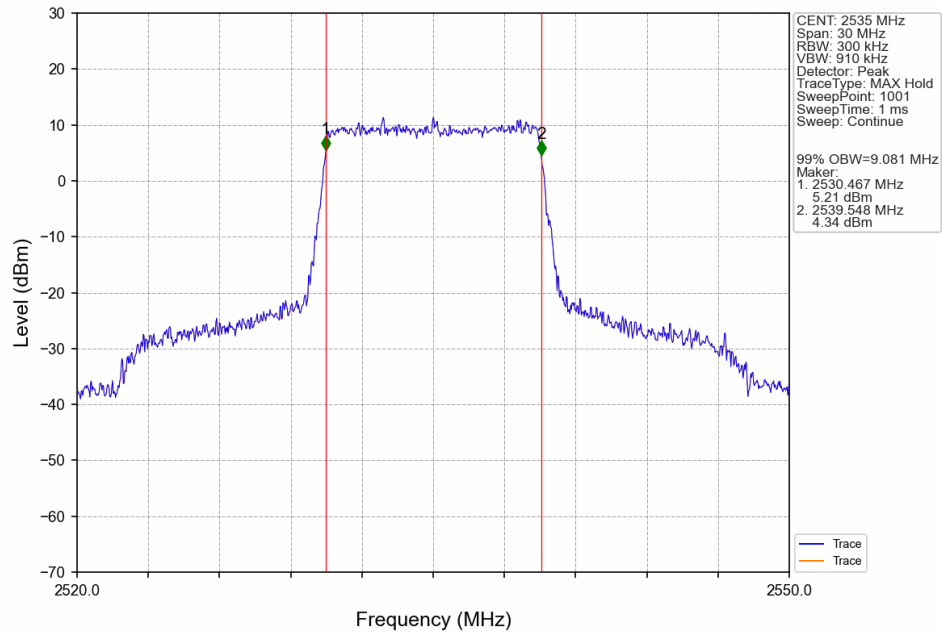
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTNV



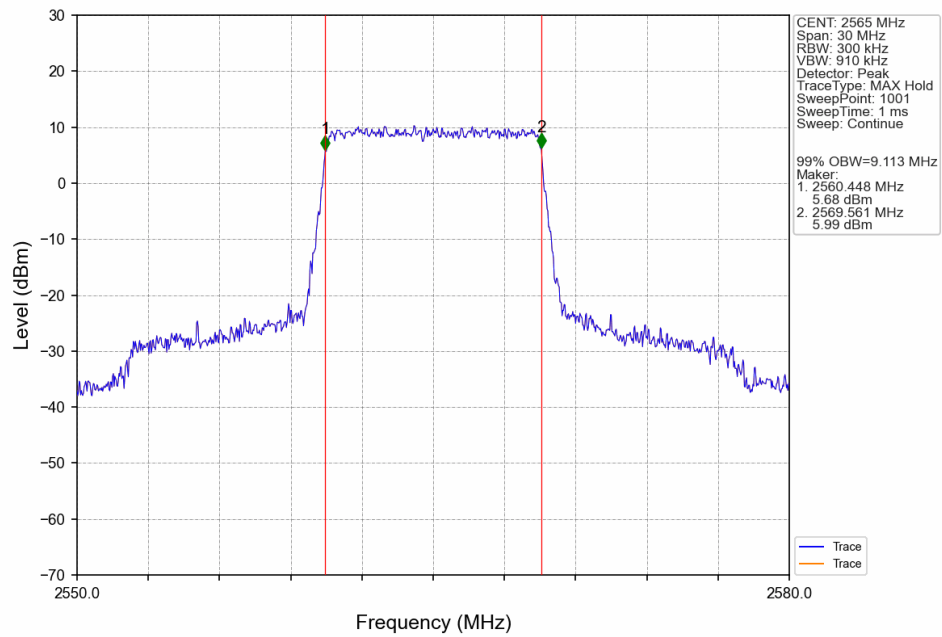
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



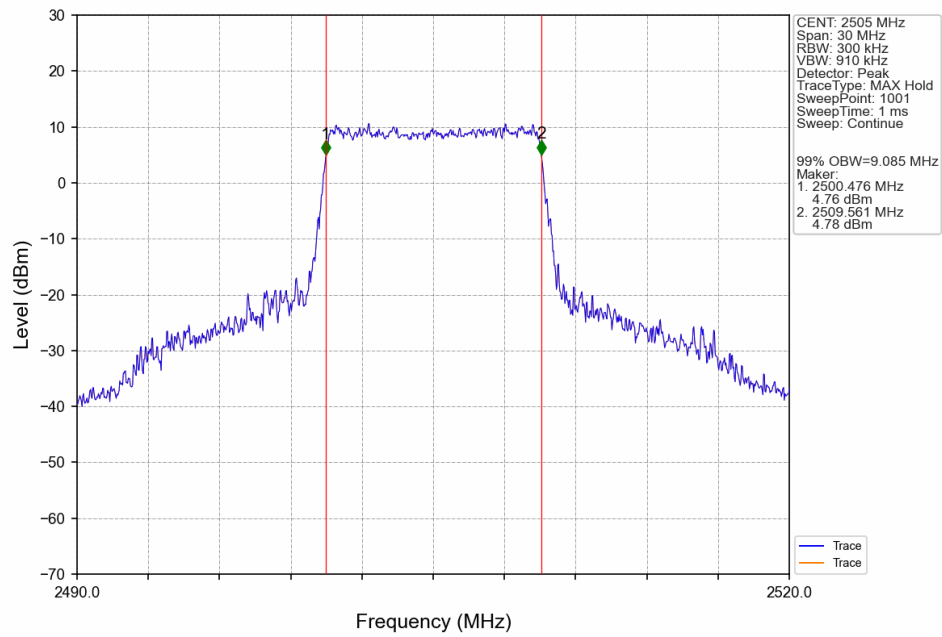
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



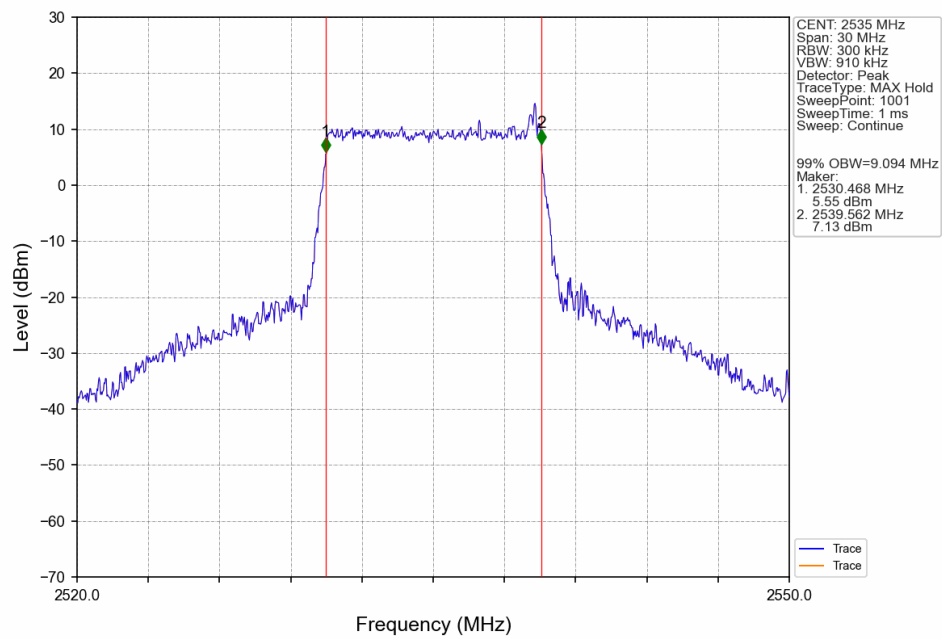
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



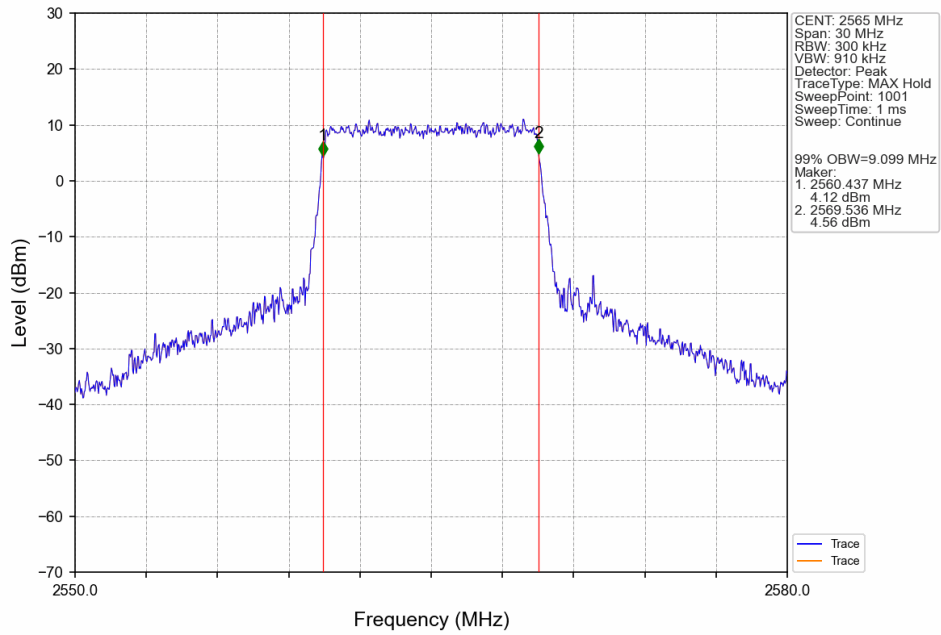
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



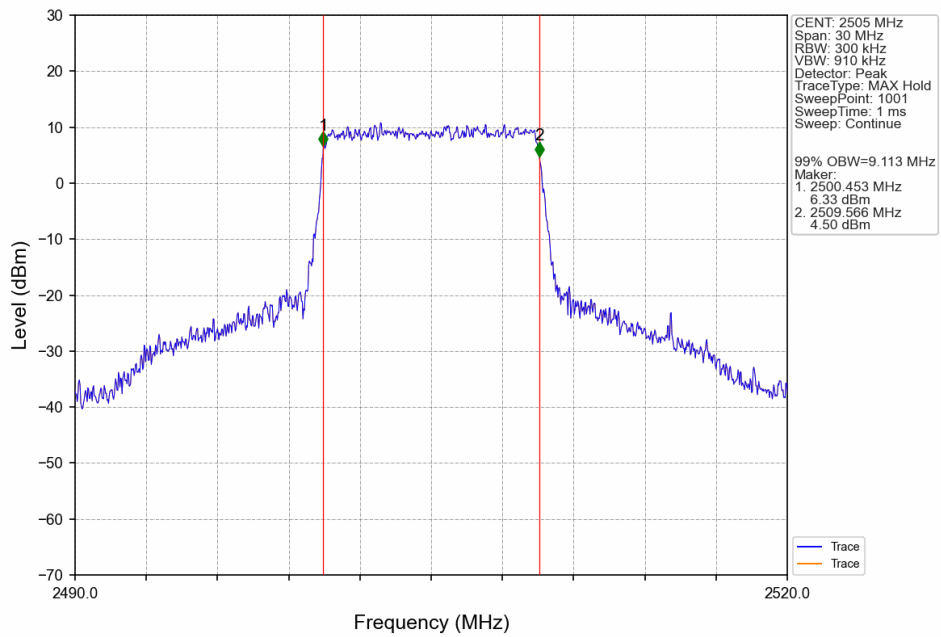
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



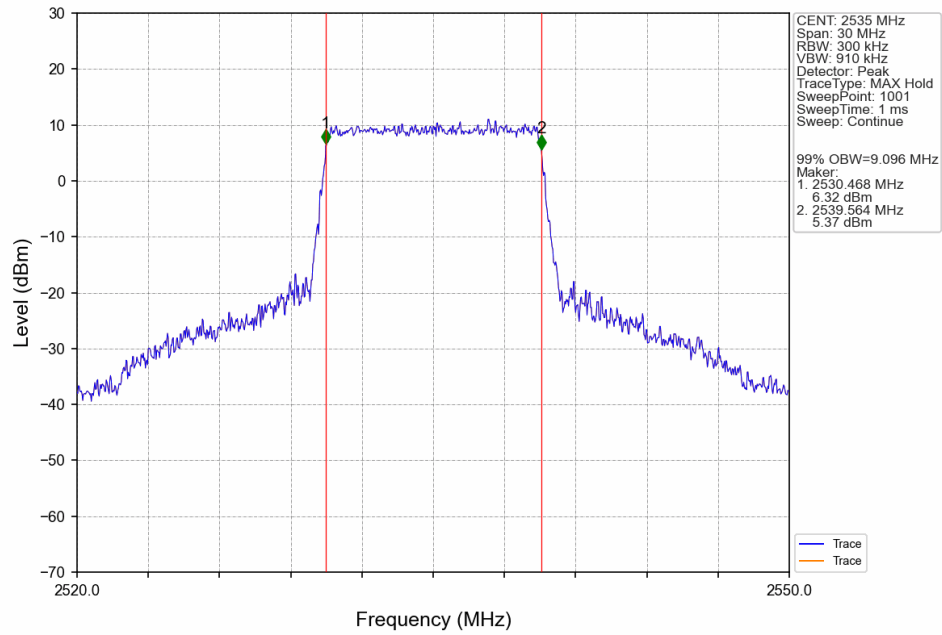
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



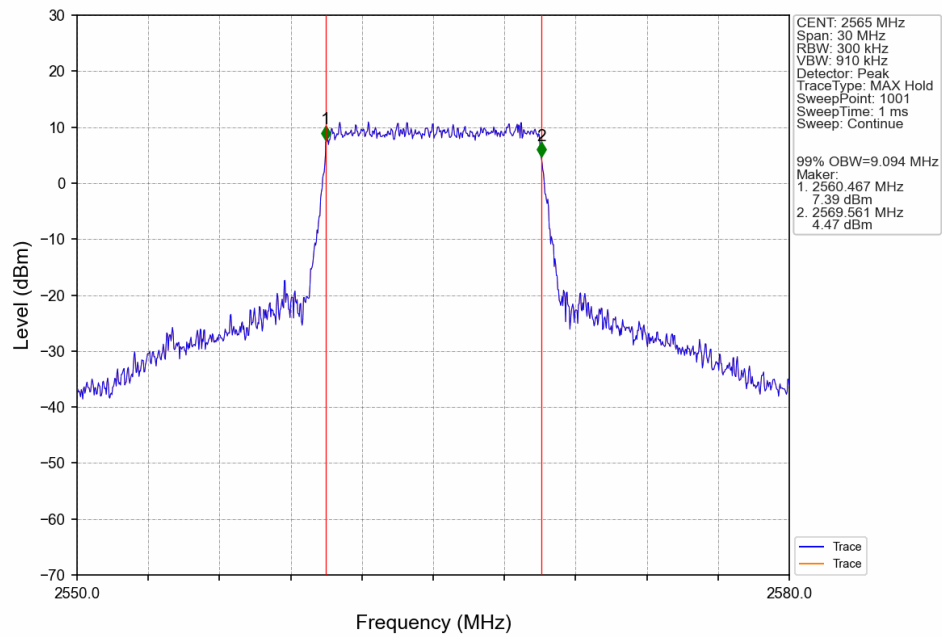
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



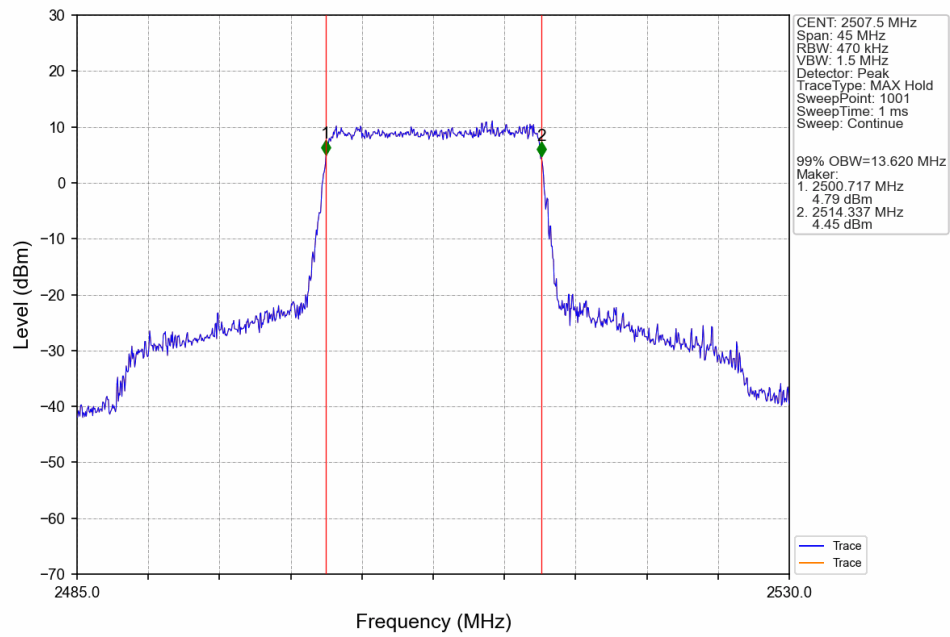
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



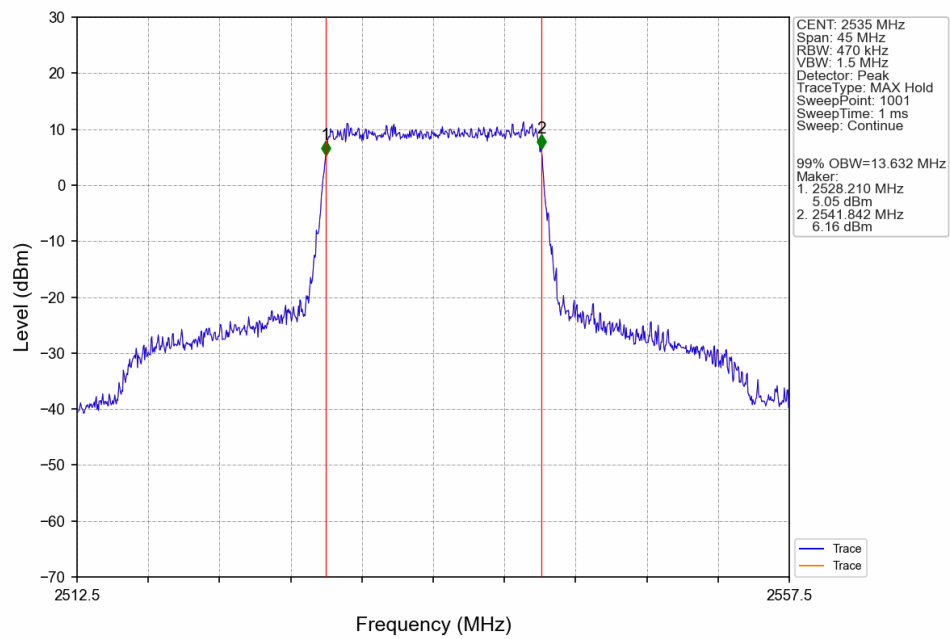
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



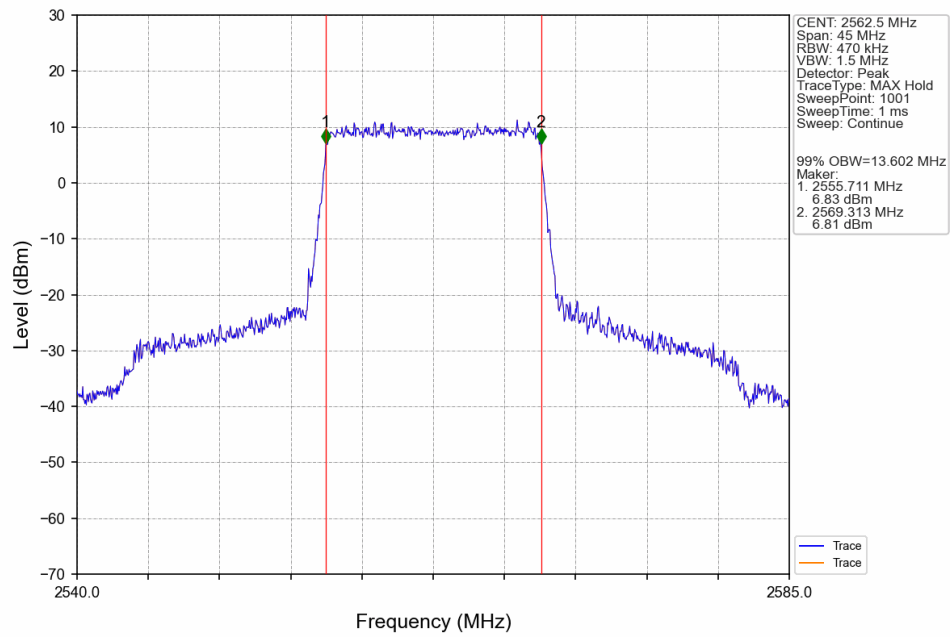
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



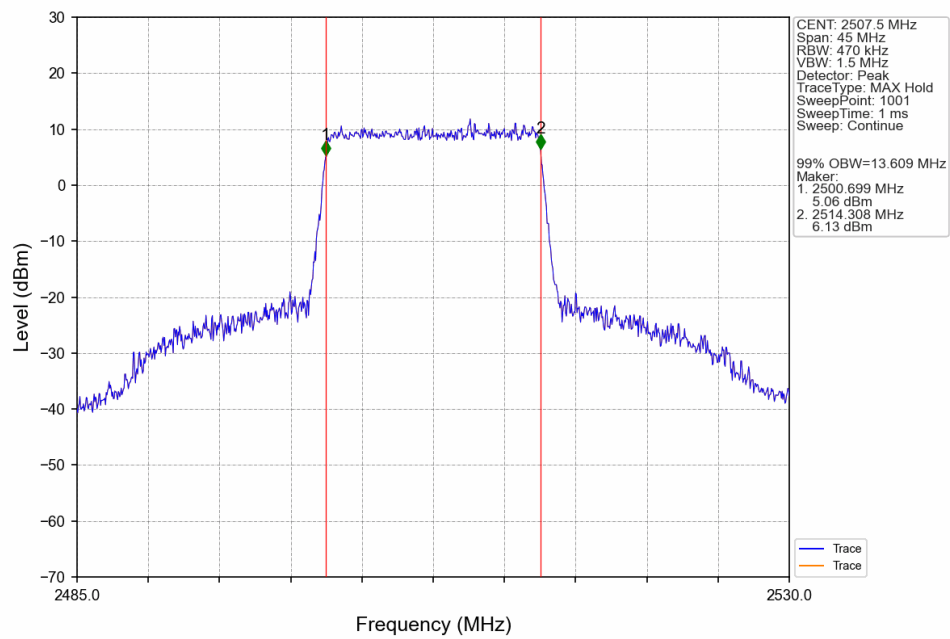
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



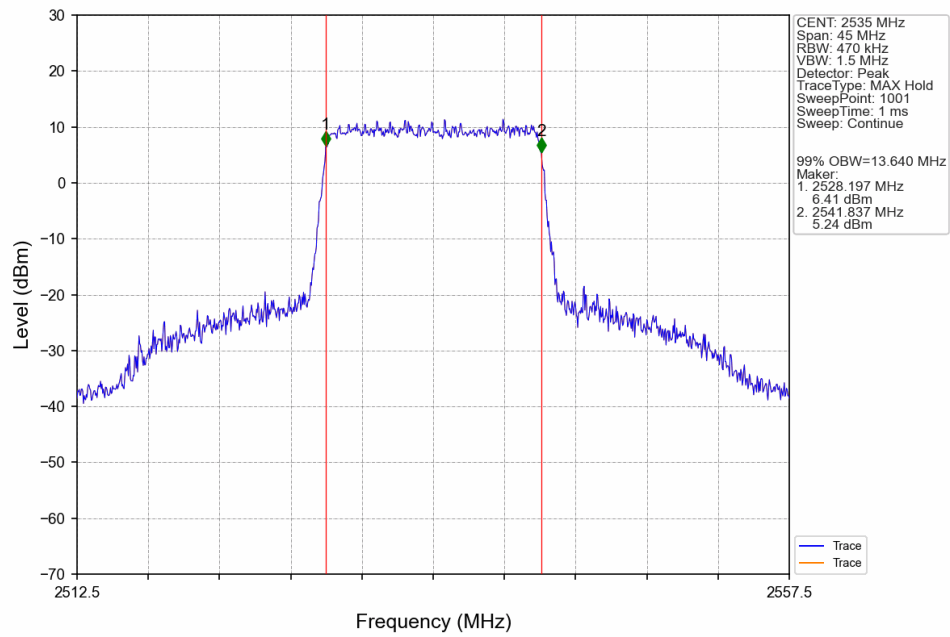
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



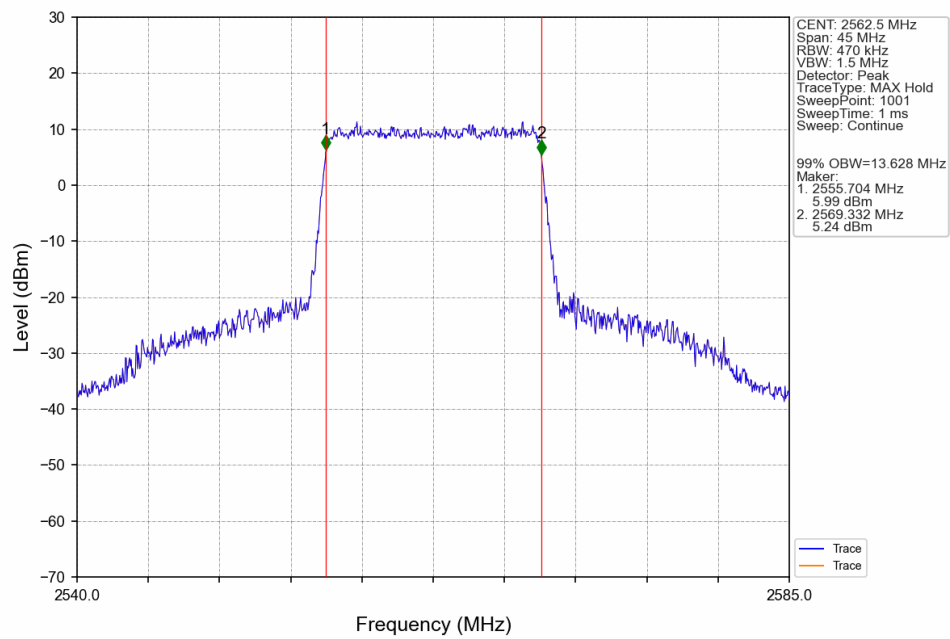
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



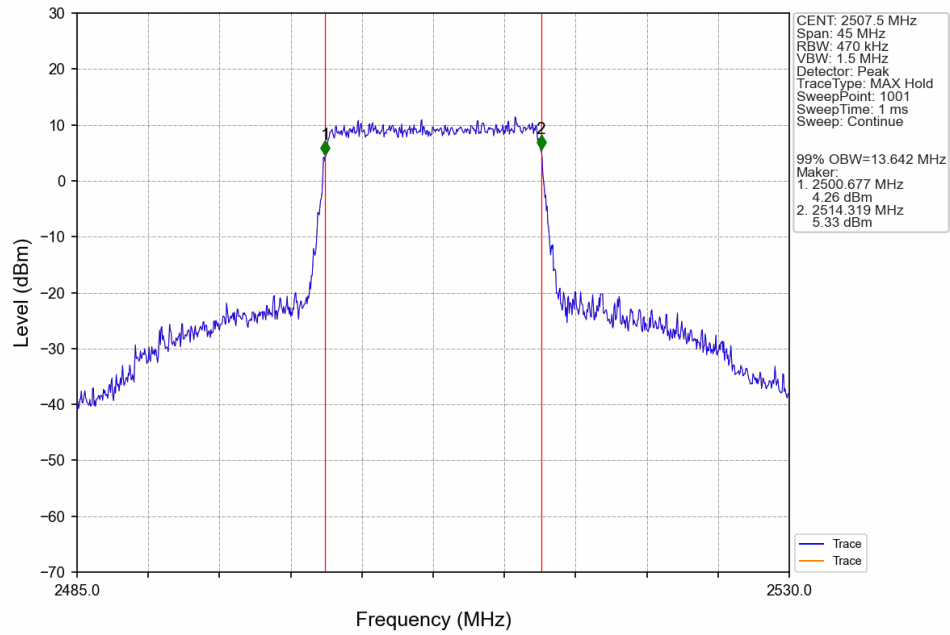
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



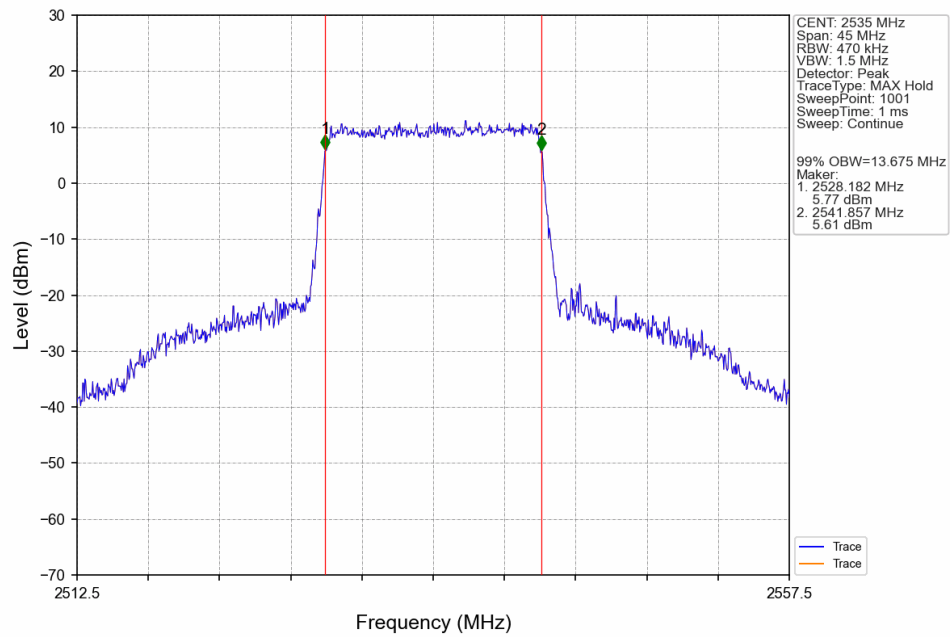
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



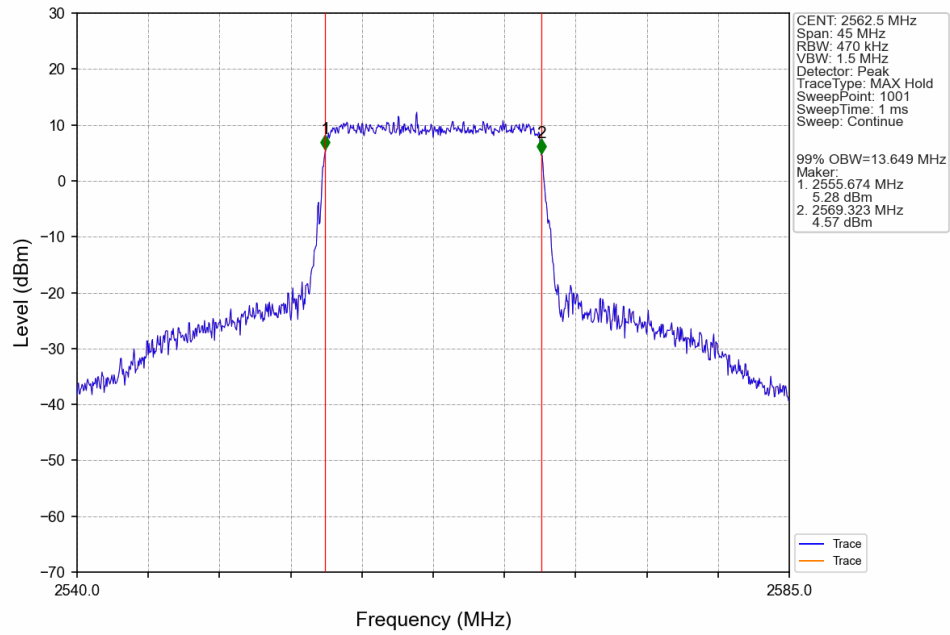
Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



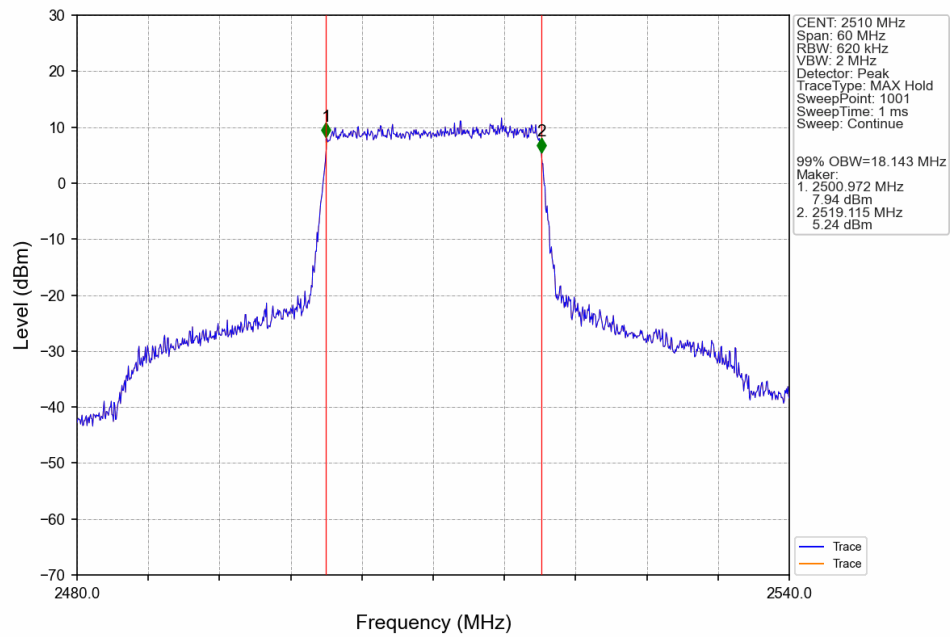
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



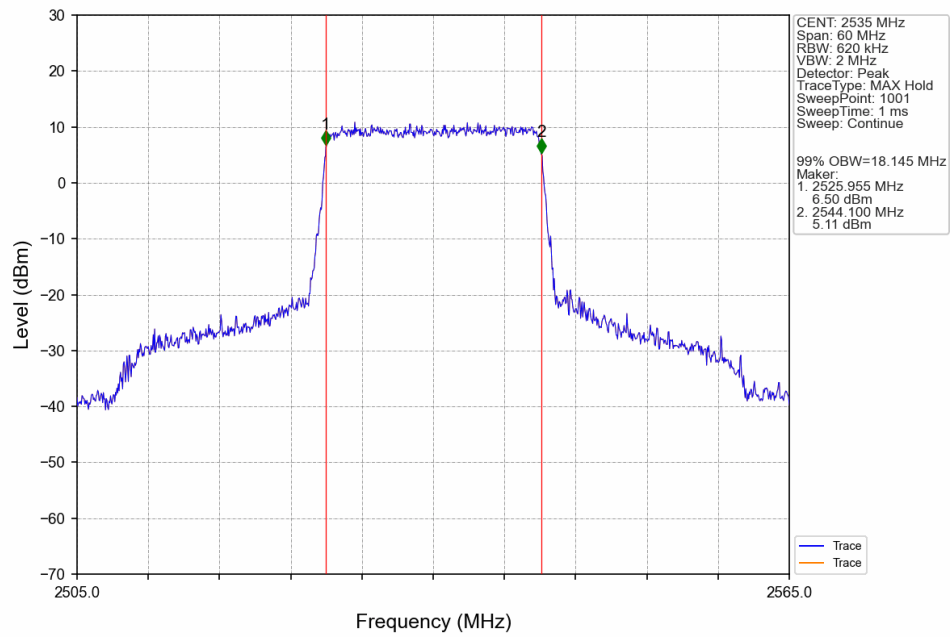
Band7 15MHz 64QAM HCH 2562.5MHz RB 75 0 NTNV



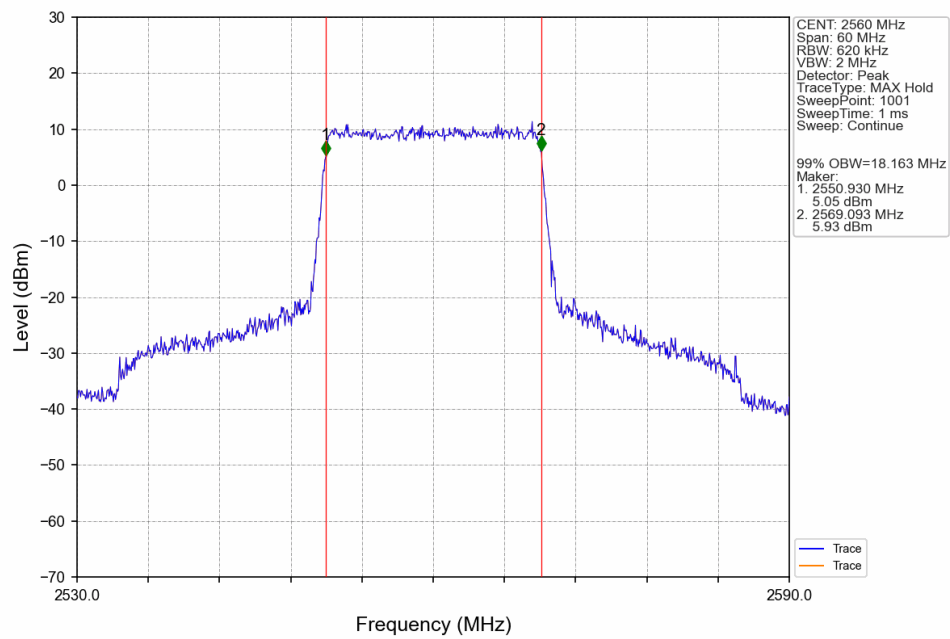
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



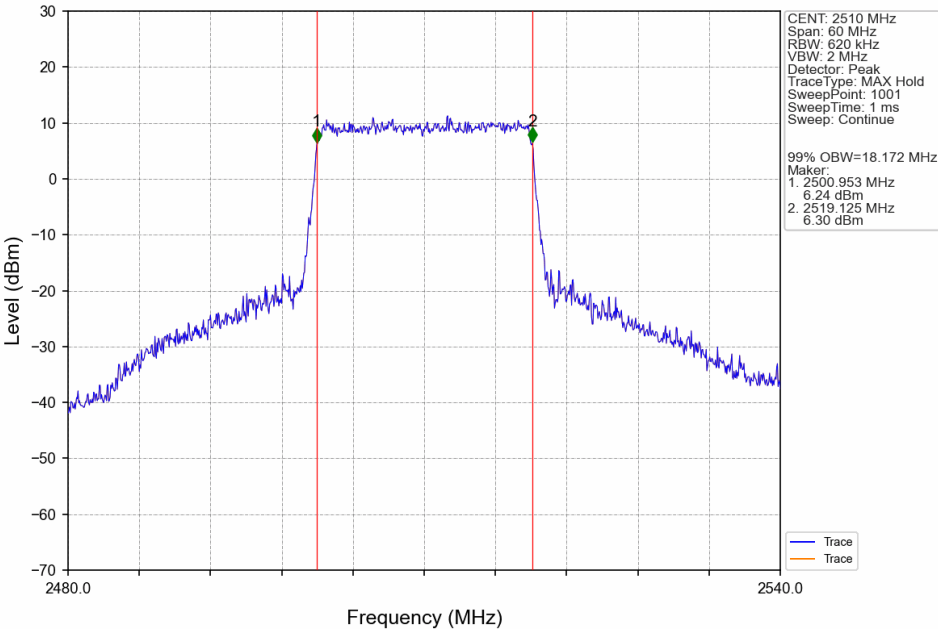
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



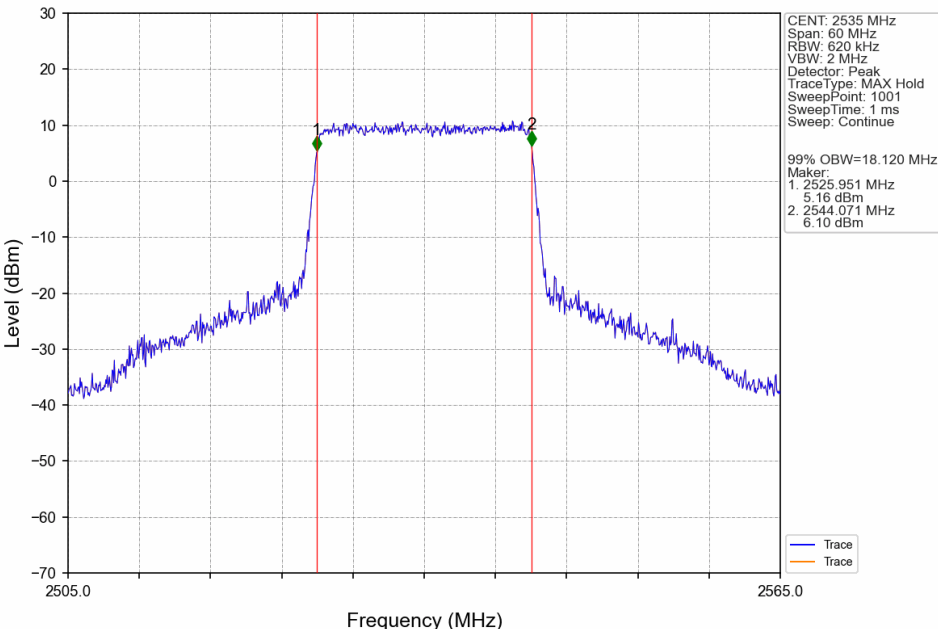
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



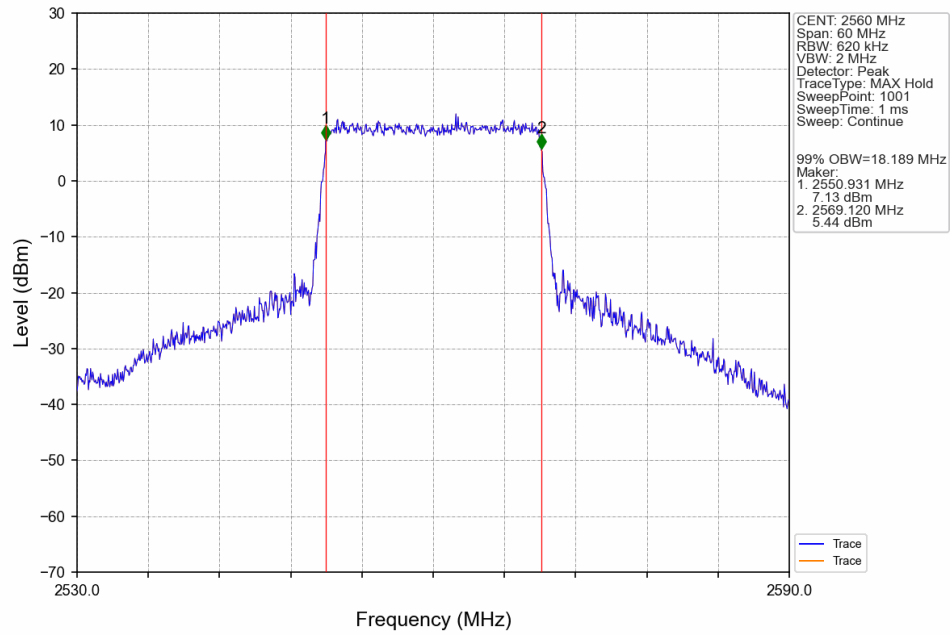
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



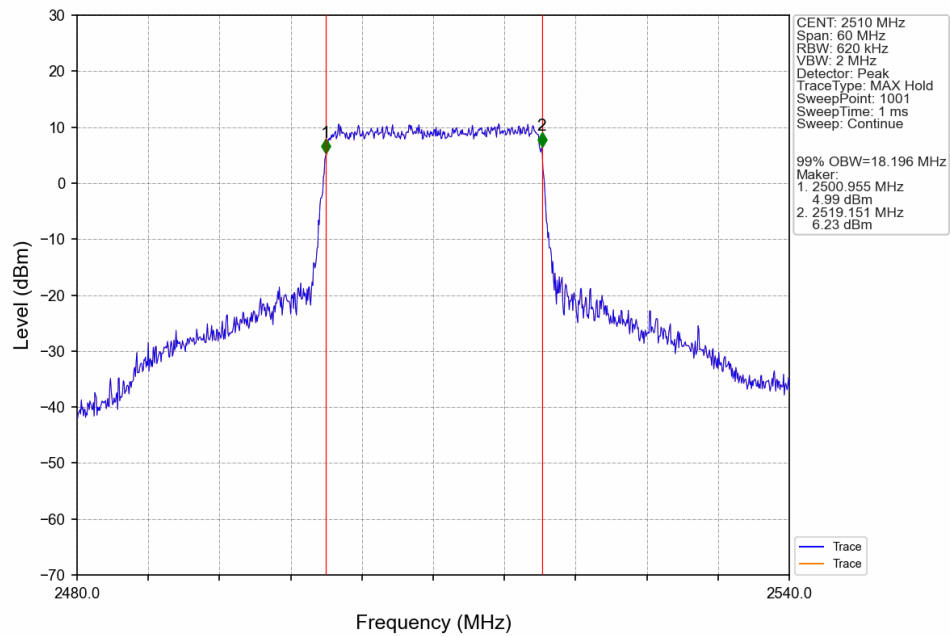
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



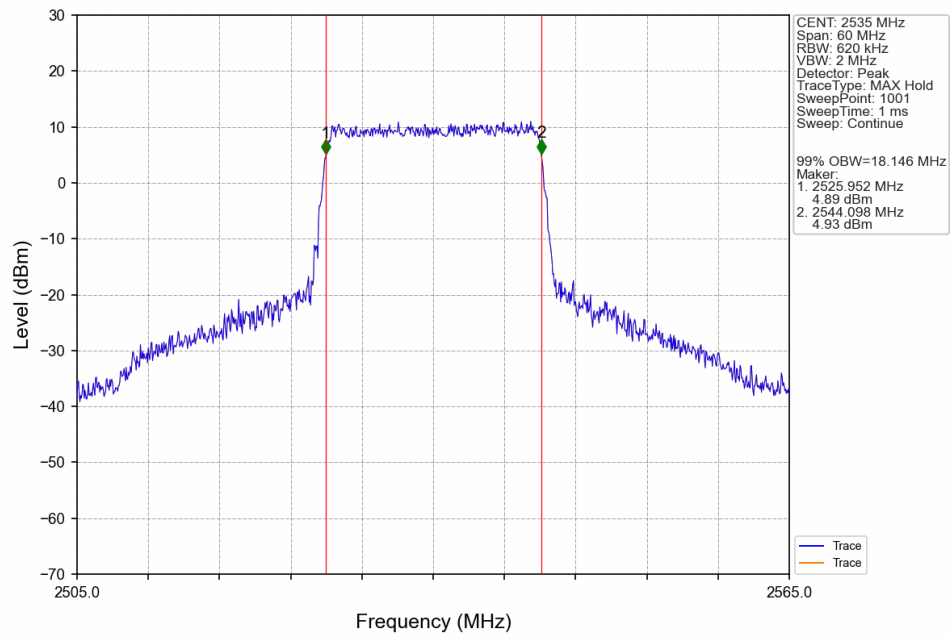
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



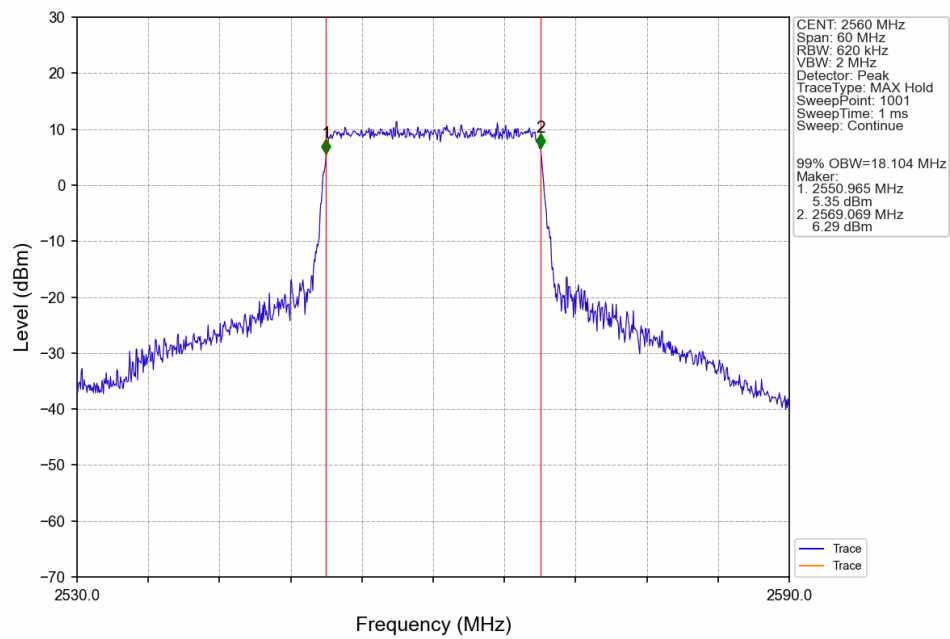
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



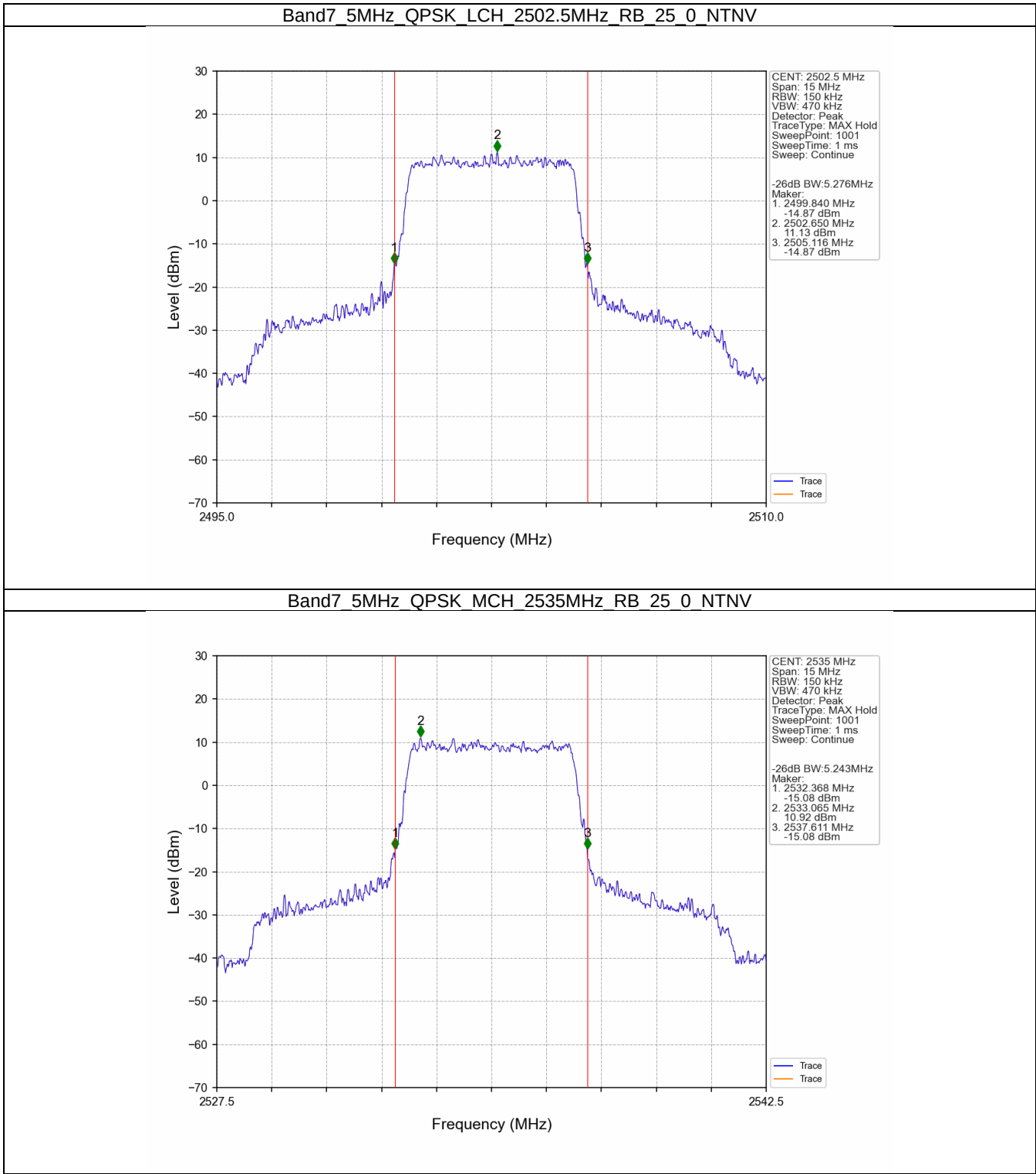
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



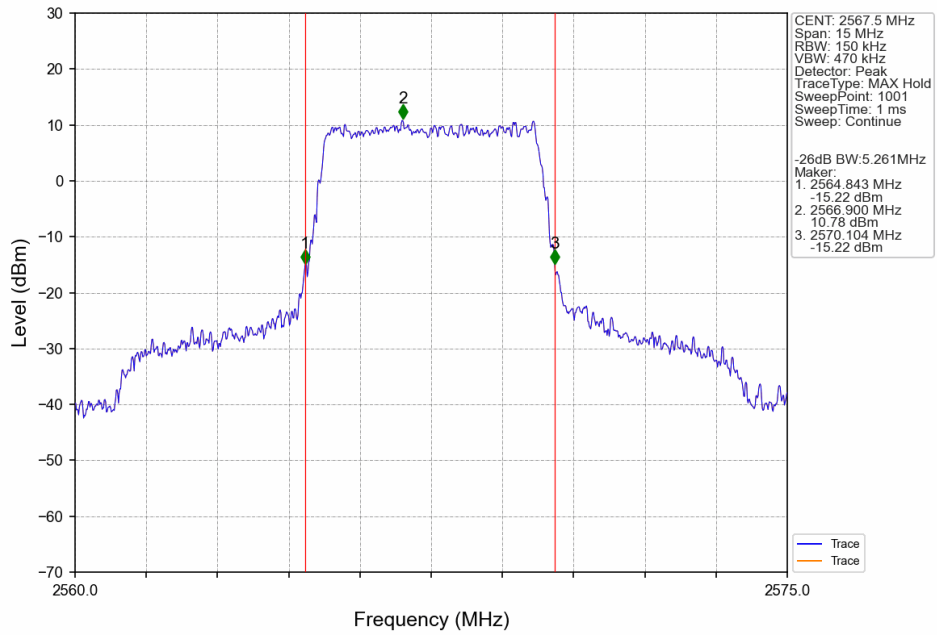
Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTNV



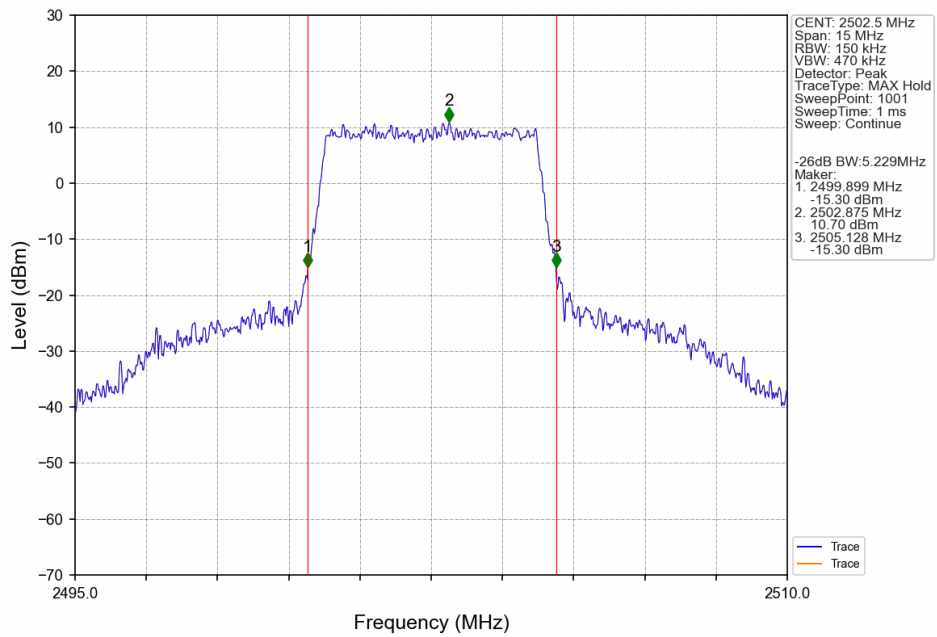
3.2.2 Band7_XDB



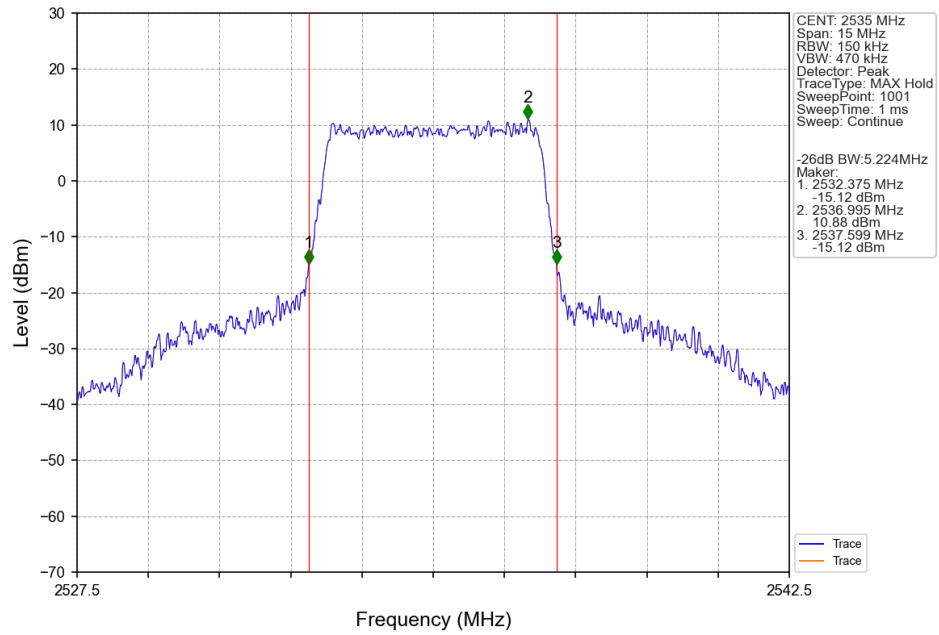
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



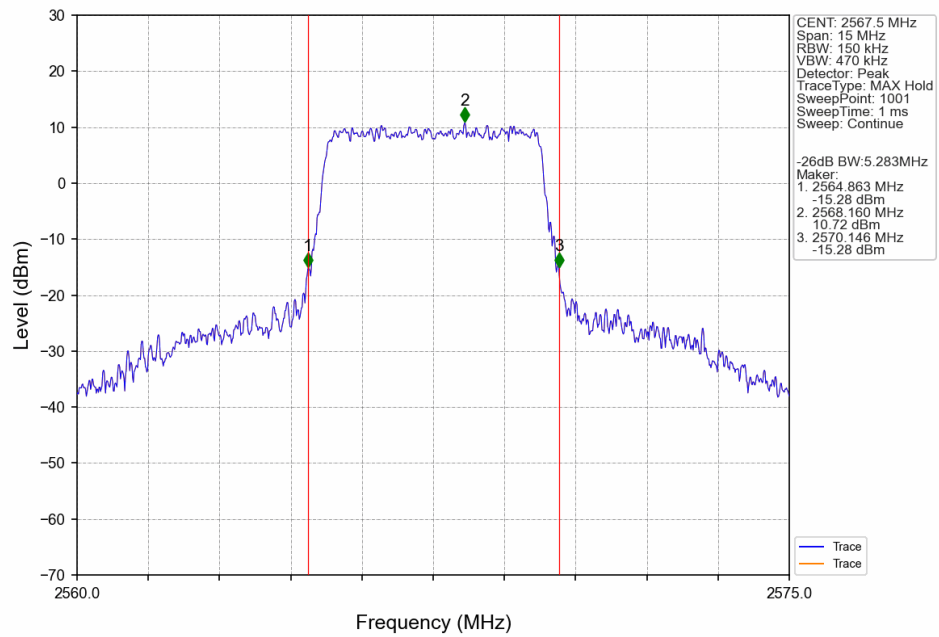
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



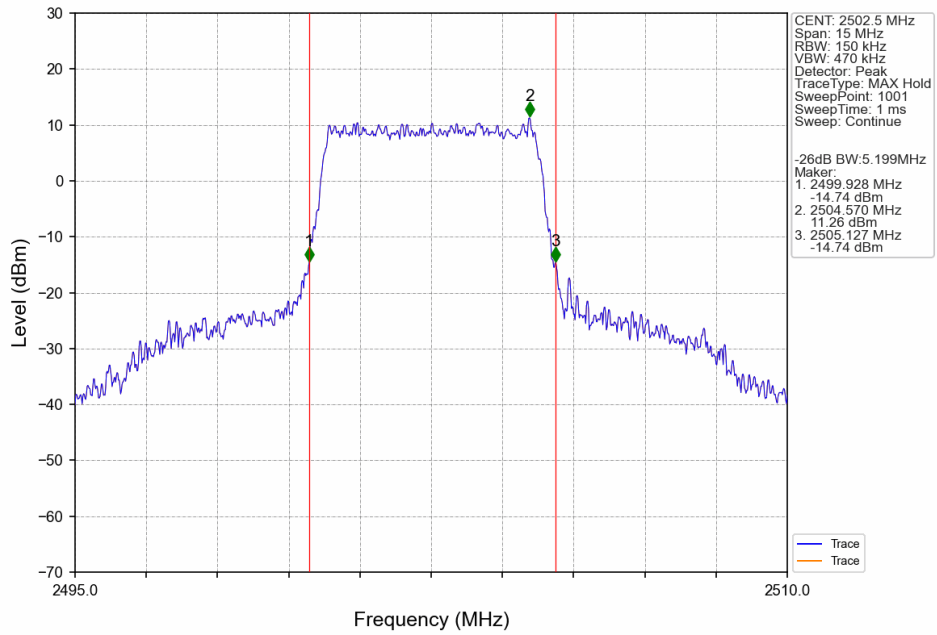
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



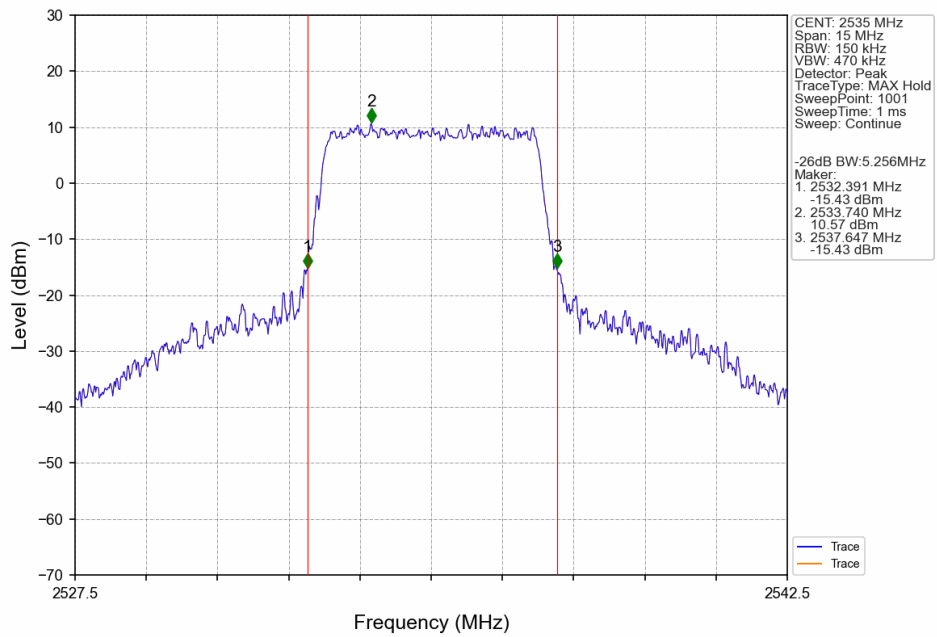
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



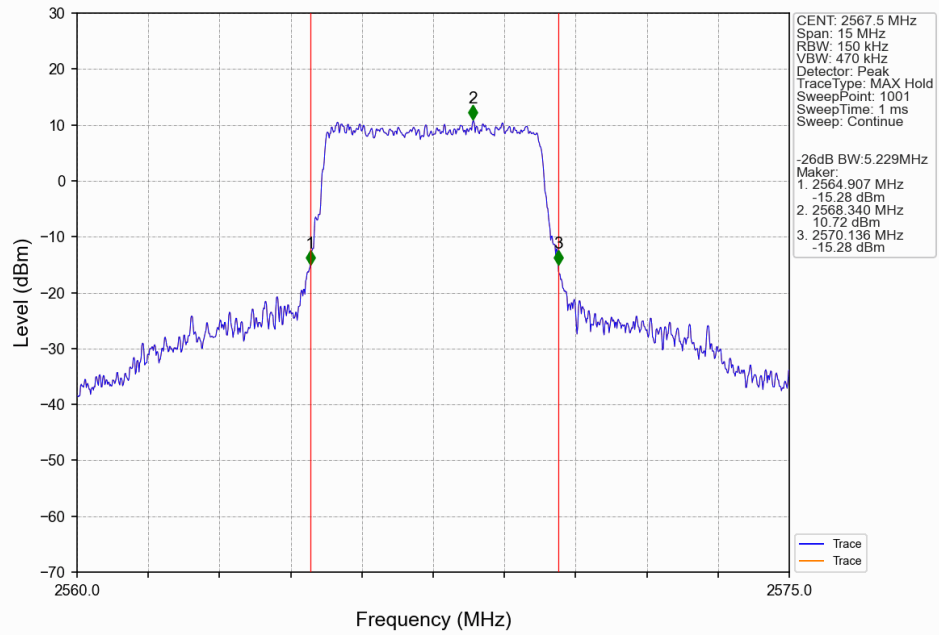
Band7 5MHz 64QAM LCH 2502.5MHz RB 25 0 NTNV



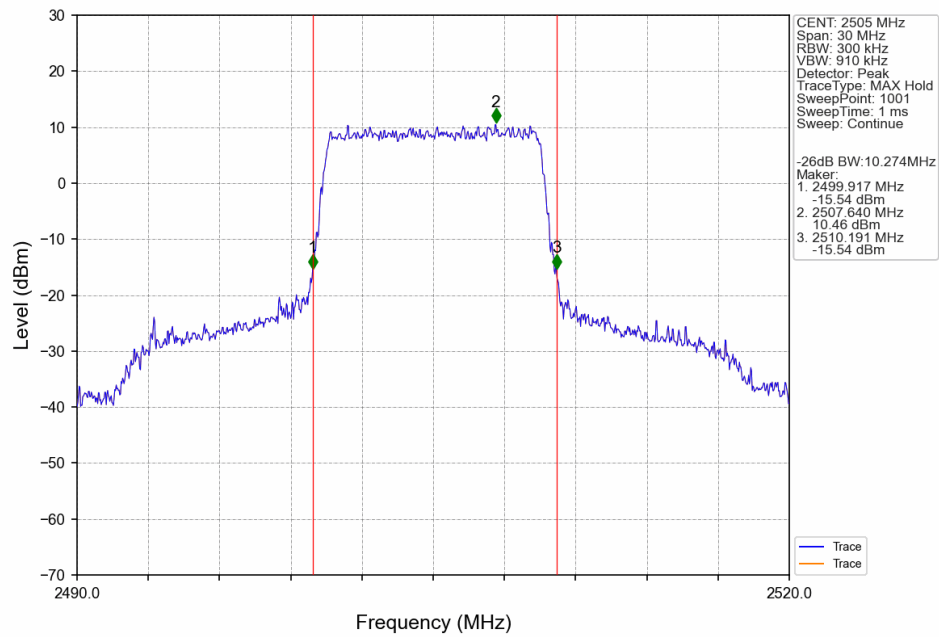
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



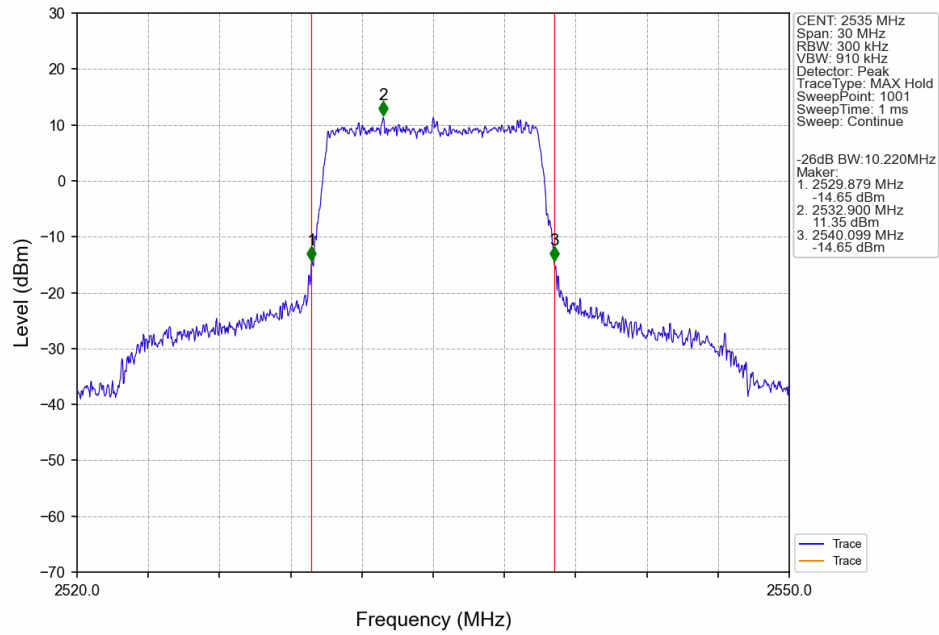
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTNV



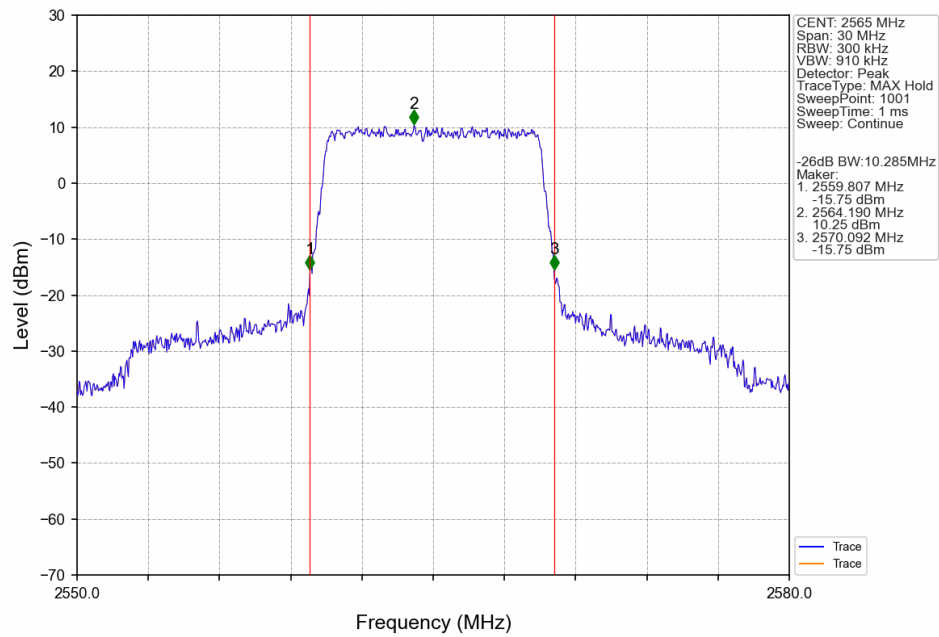
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



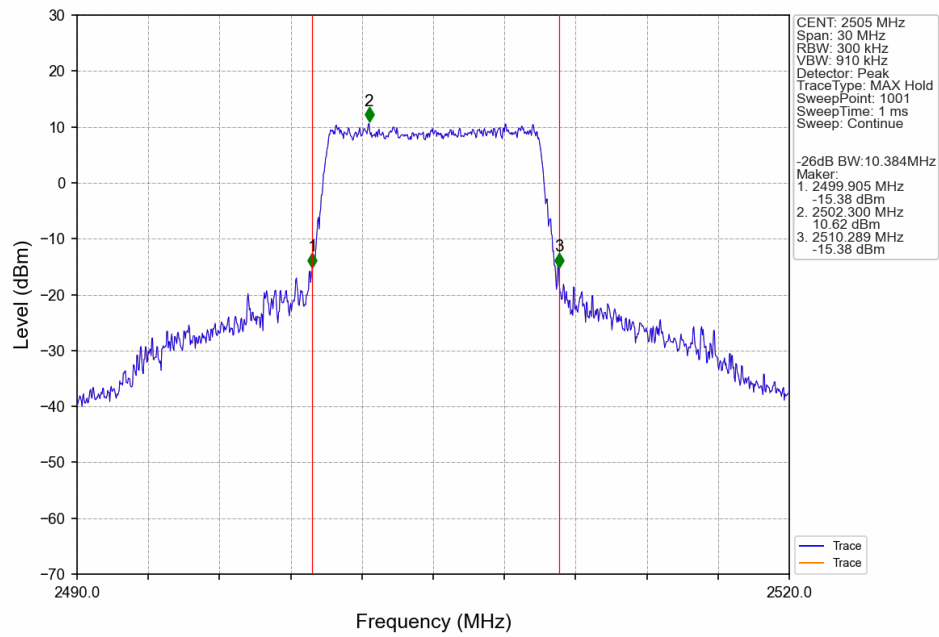
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



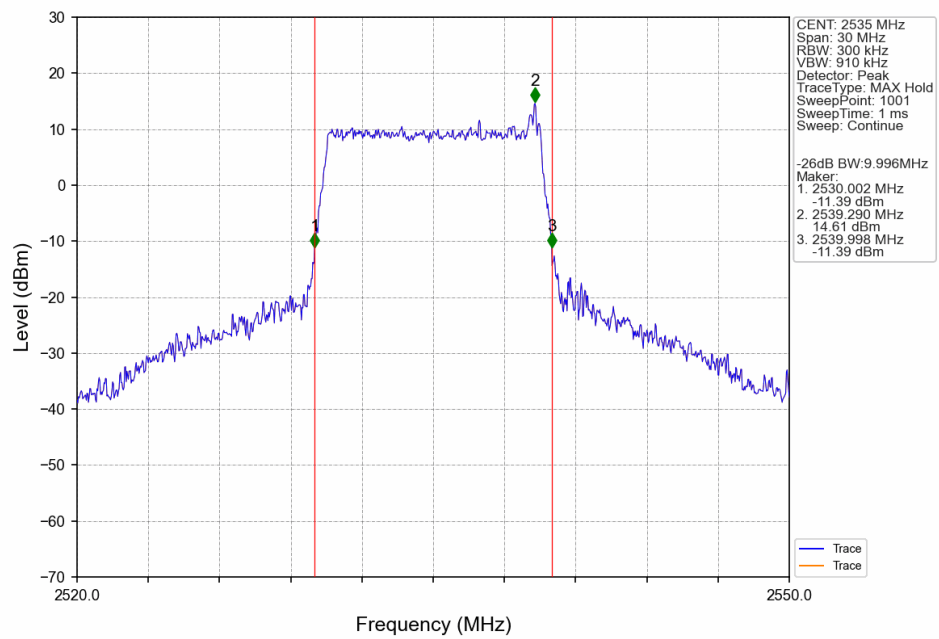
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



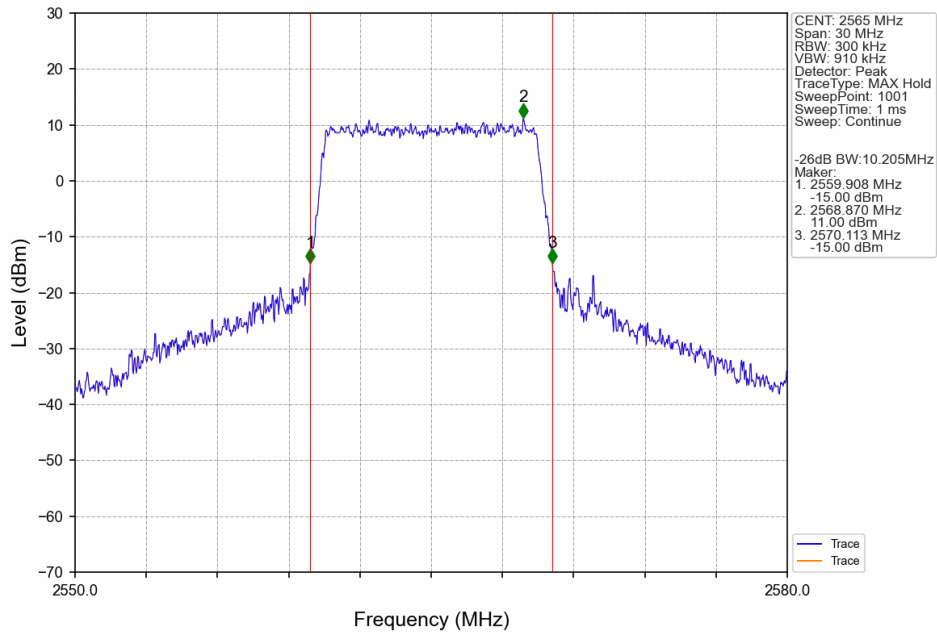
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



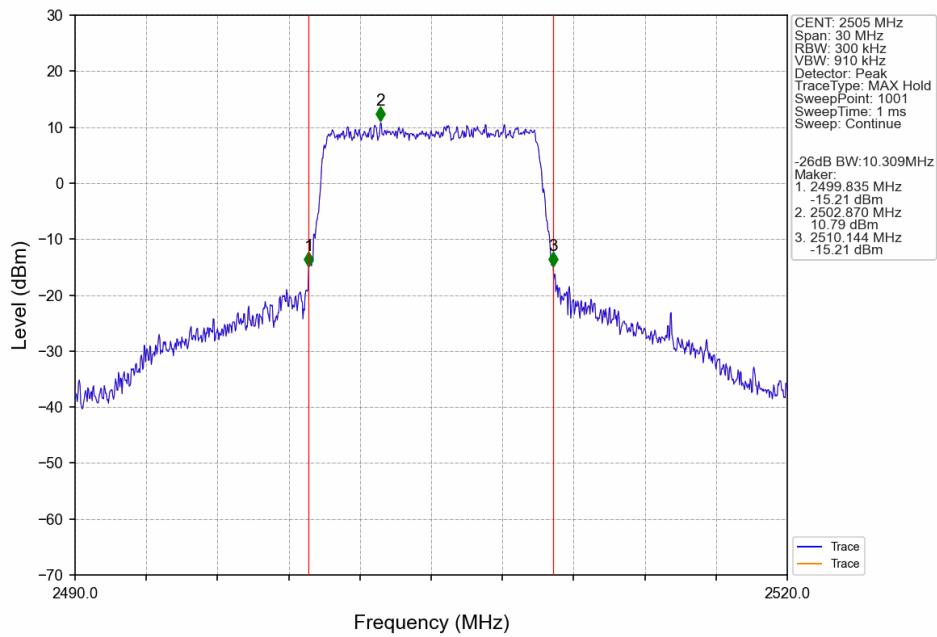
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



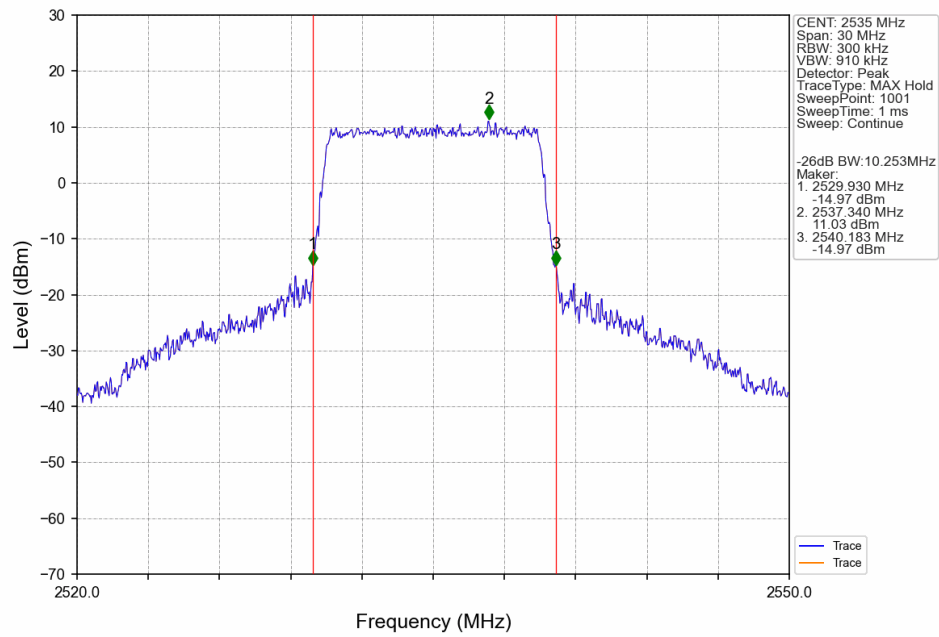
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



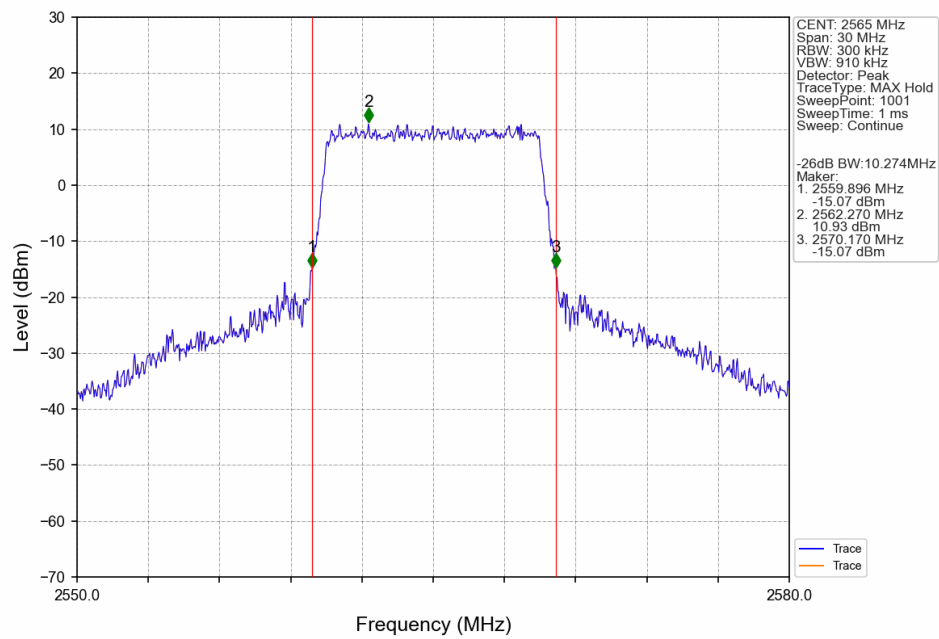
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



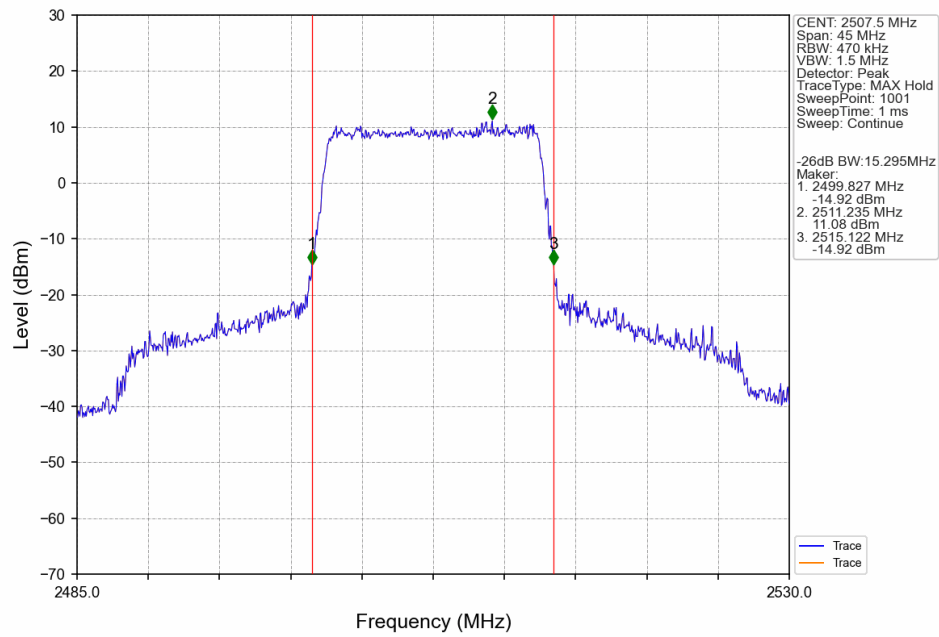
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



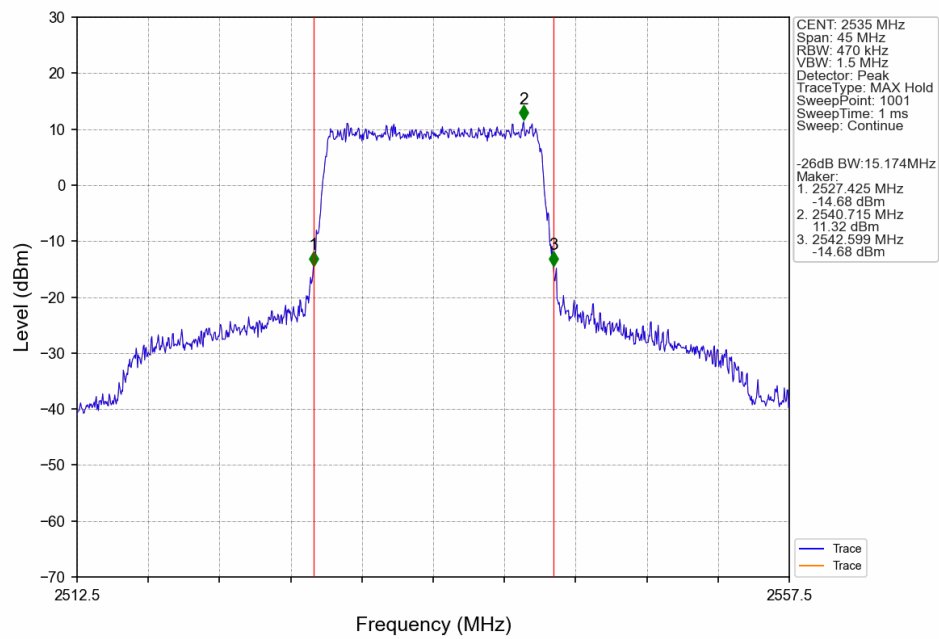
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



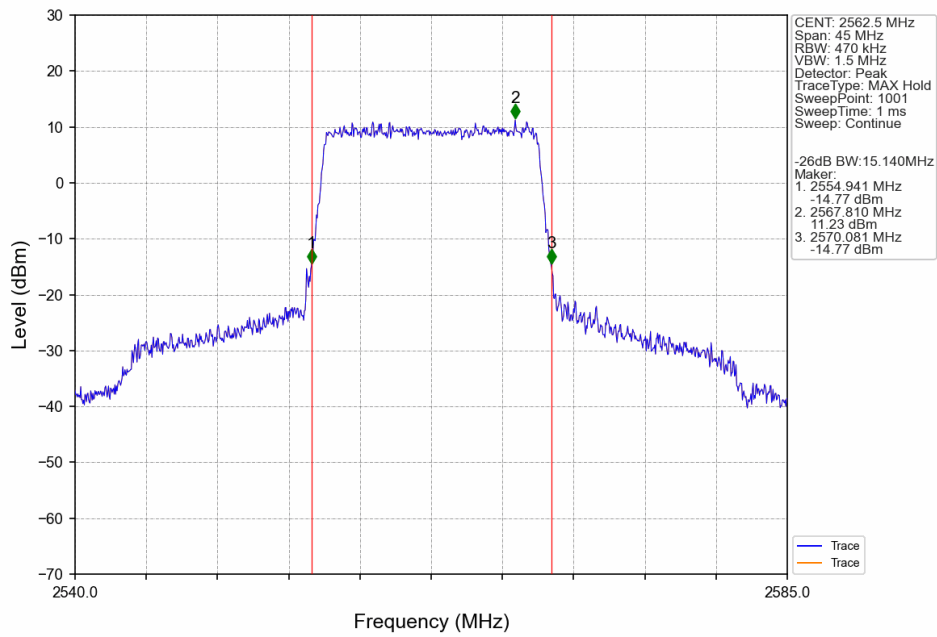
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



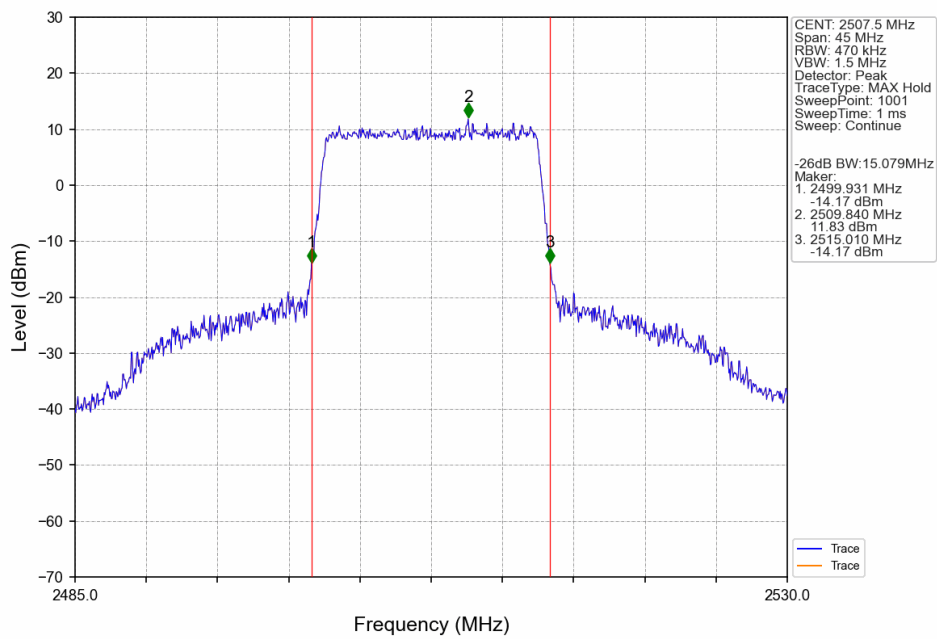
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



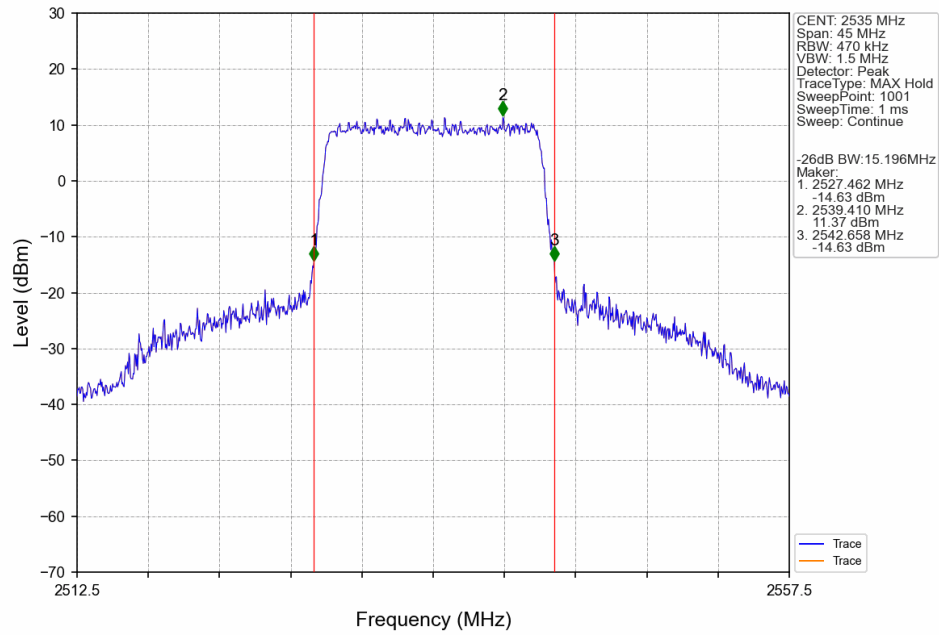
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



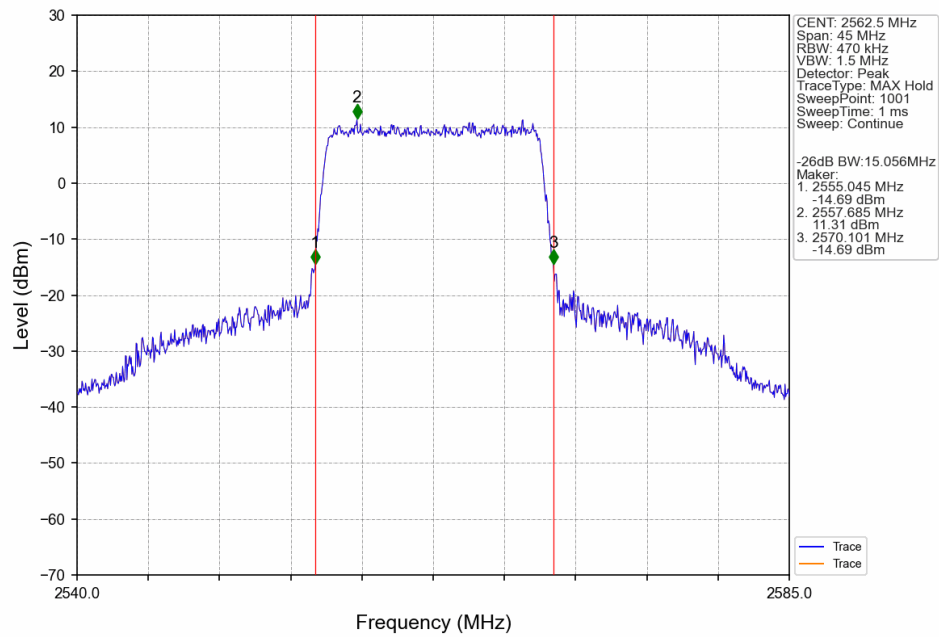
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



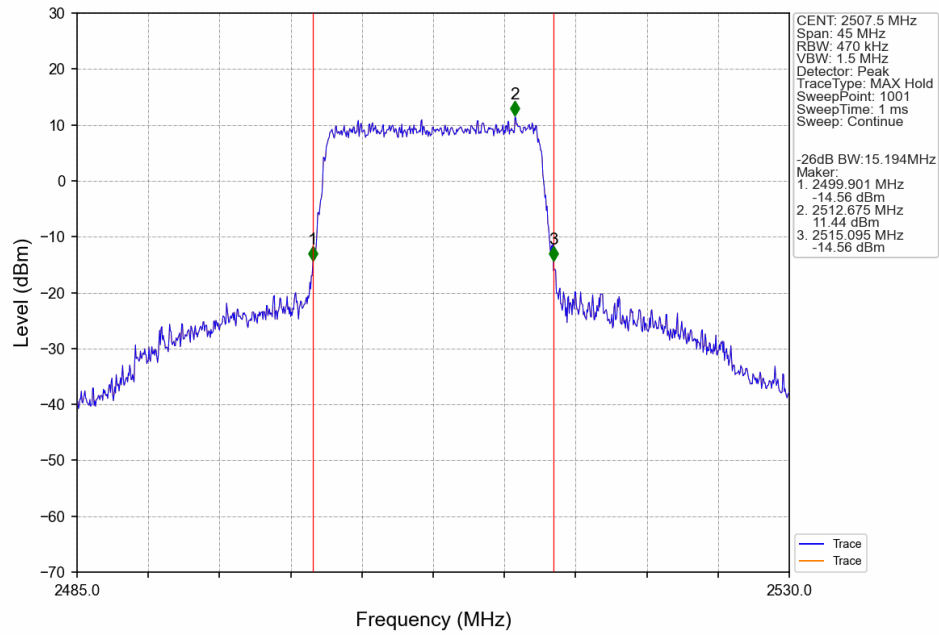
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



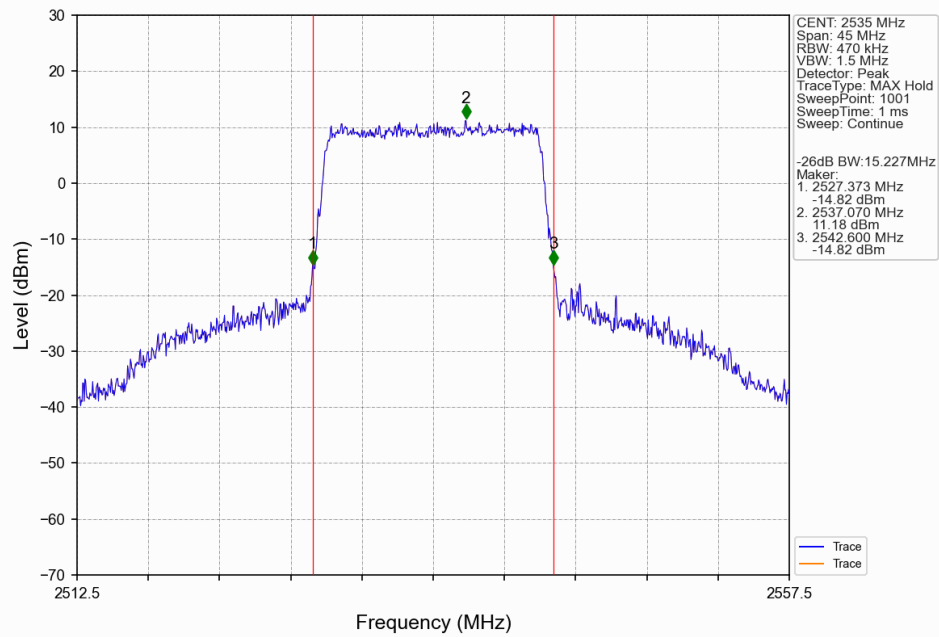
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



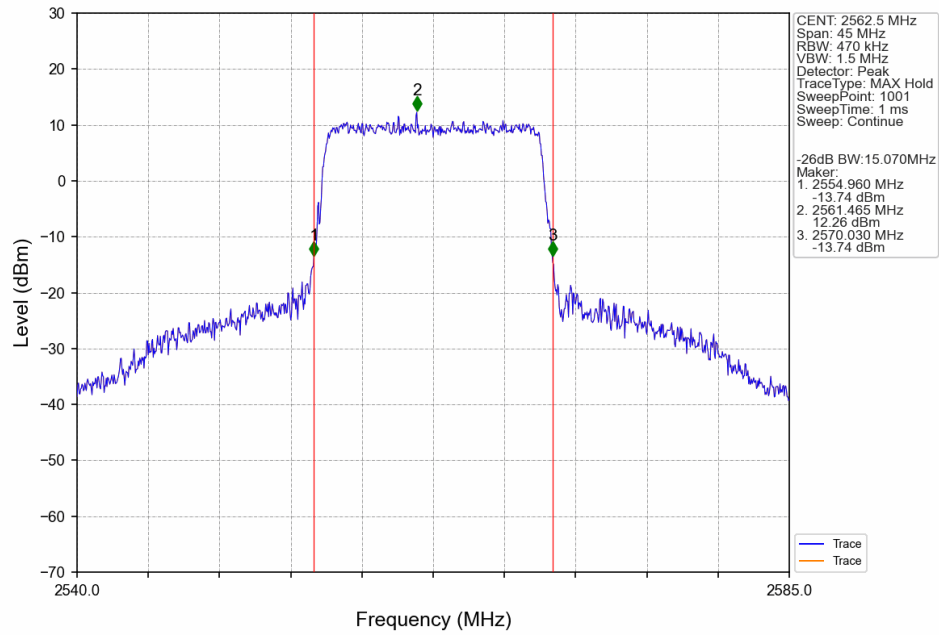
Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



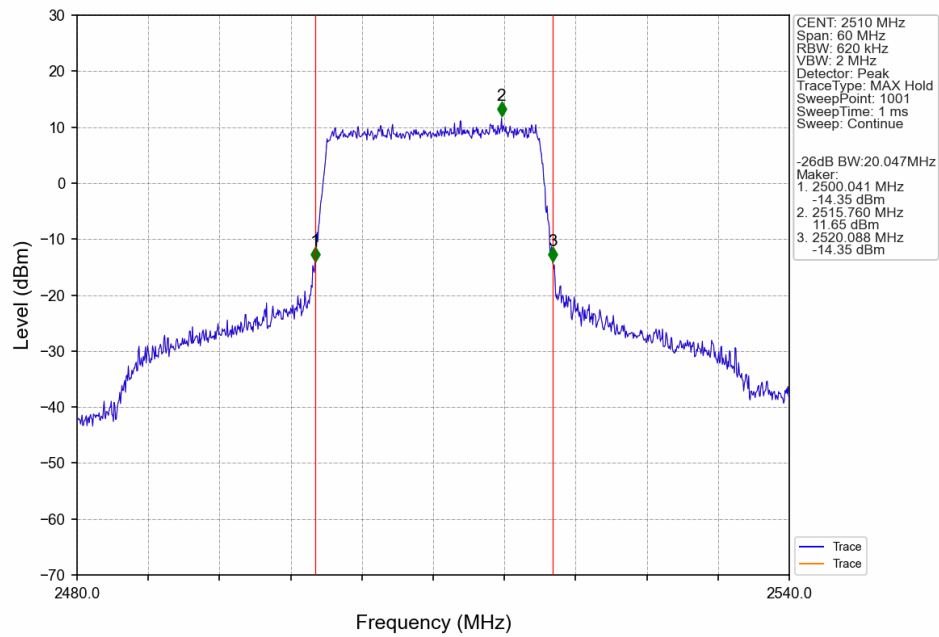
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



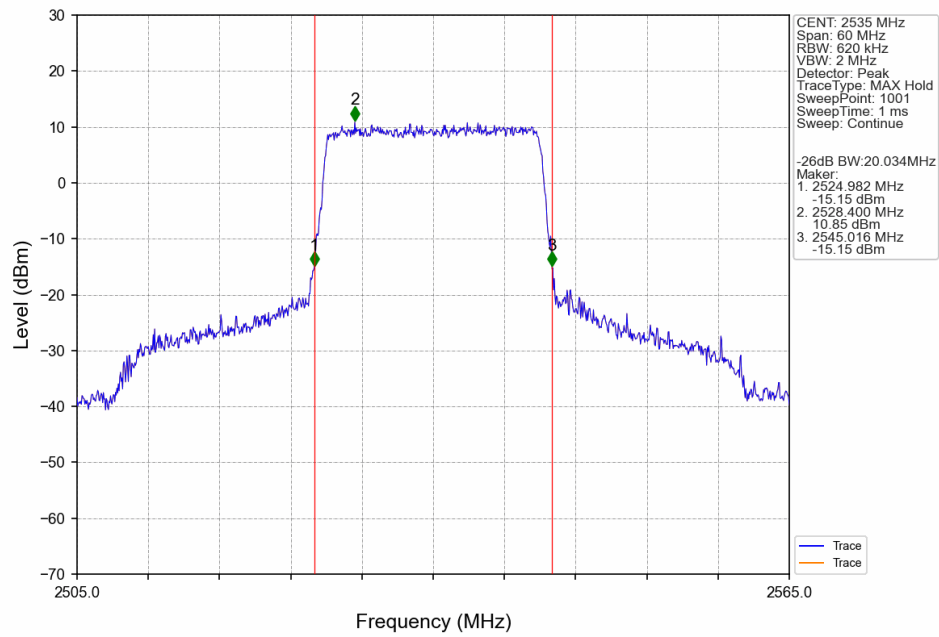
Band7 15MHz 64QAM HCH 2562.5MHz RB 75 0 NTNV



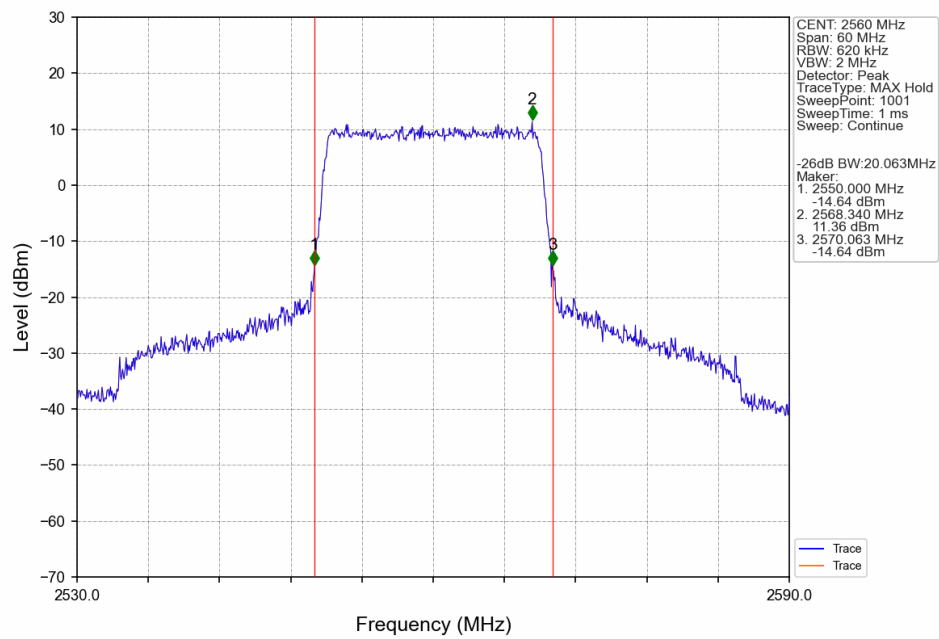
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



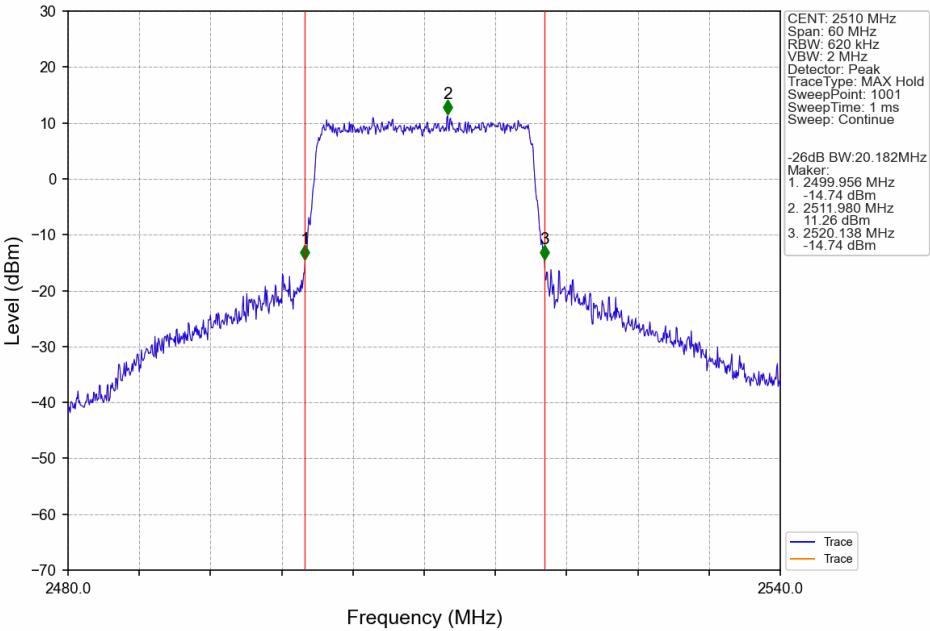
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



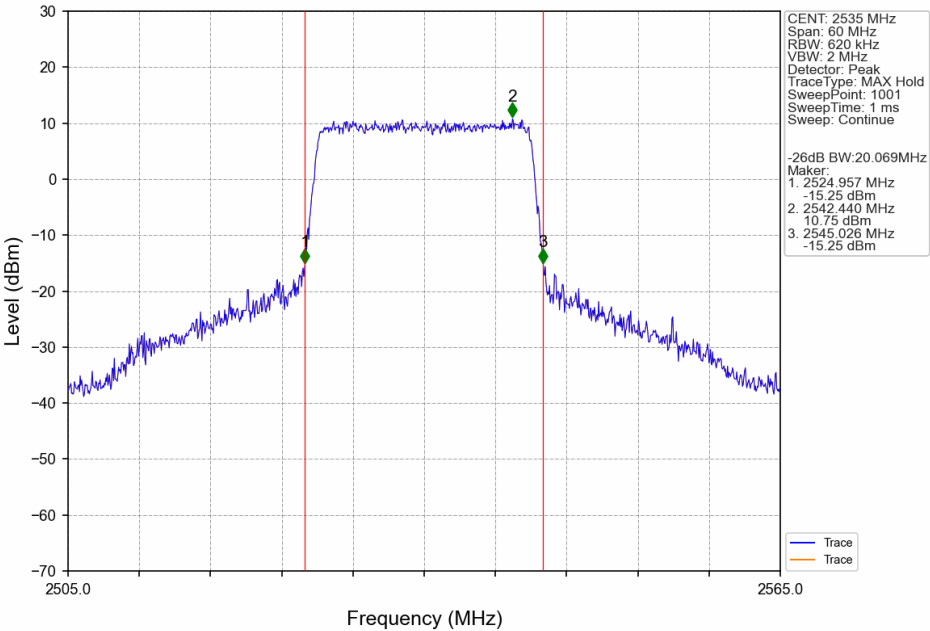
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



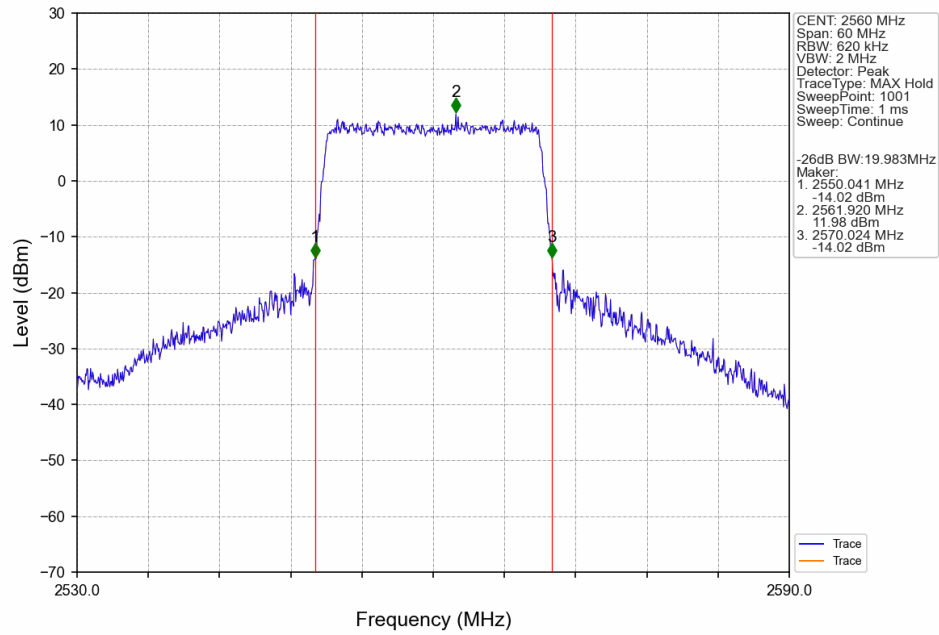
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



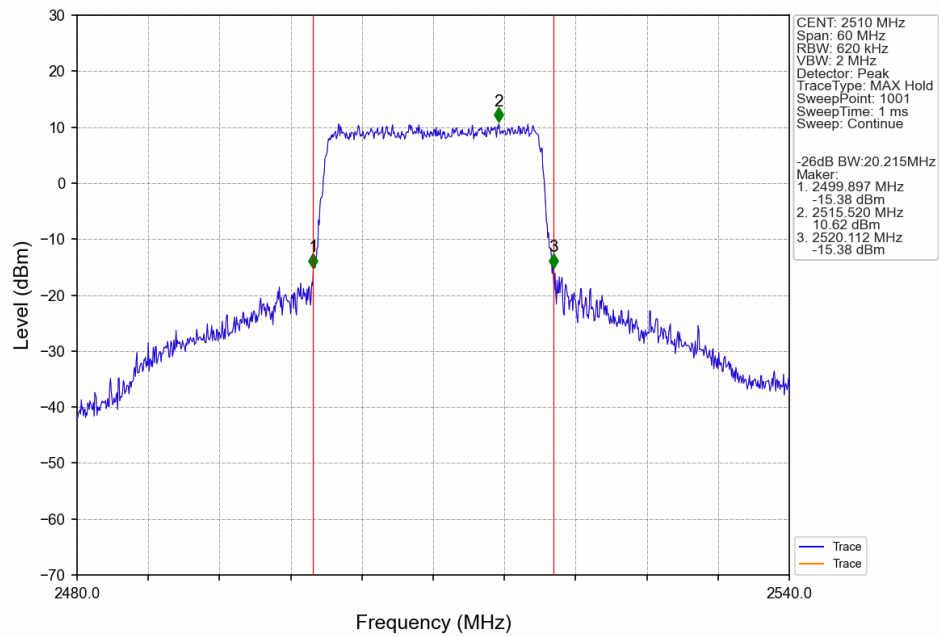
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



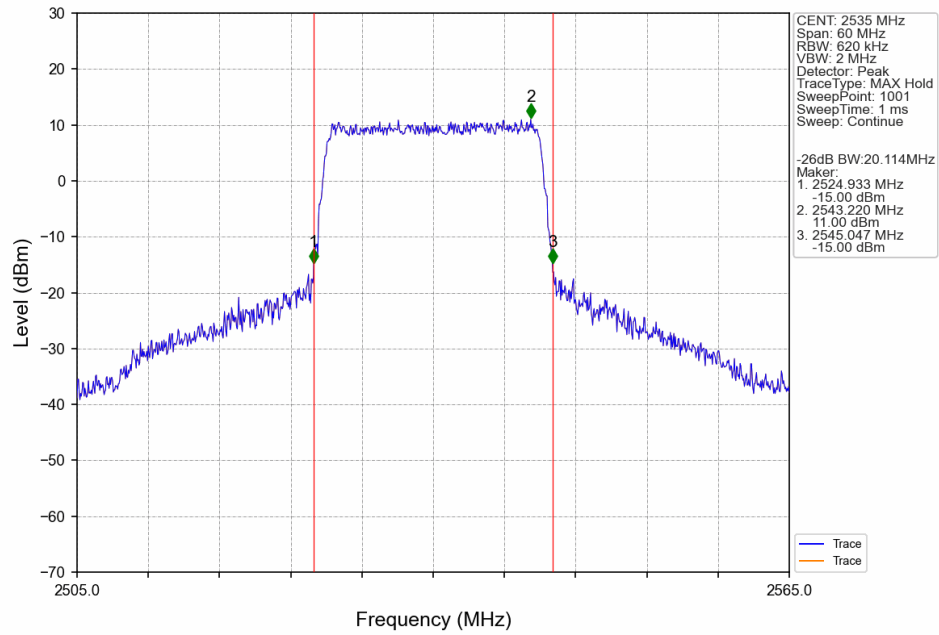
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



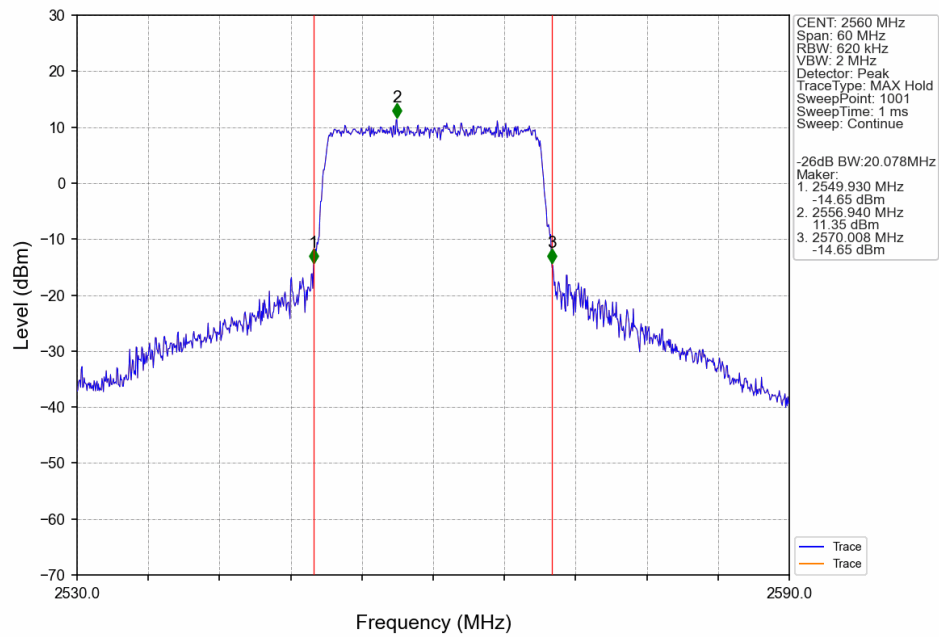
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	4.98	<=13	Pass
	2535	25	0	5.06	<=13	Pass
	2567.5	25	0	5.18	<=13	Pass
16QAM	2502.5	25	0	5.80	<=13	Pass
	2535	25	0	5.87	<=13	Pass
	2567.5	25	0	5.96	<=13	Pass
64QAM	2502.5	25	0	5.90	<=13	Pass
	2535	25	0	5.86	<=13	Pass
	2567.5	25	0	5.95	<=13	Pass

4.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.14	<=13	Pass
	2535	50	0	5.19	<=13	Pass
	2565	50	0	5.32	<=13	Pass
16QAM	2505	50	0	5.89	<=13	Pass
	2535	50	0	5.92	<=13	Pass
	2565	50	0	6.01	<=13	Pass
64QAM	2505	50	0	5.87	<=13	Pass
	2535	50	0	5.92	<=13	Pass
	2565	50	0	6.01	<=13	Pass

4.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	4.91	<=13	Pass
	2535	75	0	4.95	<=13	Pass
	2562.5	75	0	5.08	<=13	Pass
16QAM	2507.5	75	0	5.75	<=13	Pass
	2535	75	0	5.78	<=13	Pass
	2562.5	75	0	5.87	<=13	Pass
64QAM	2507.5	75	0	5.75	<=13	Pass
	2535	75	0	5.77	<=13	Pass
	2562.5	75	0	5.88	<=13	Pass

4.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.05	<=13	Pass
	2535	100	0	5.06	<=13	Pass
	2560	100	0	5.22	<=13	Pass
16QAM	2510	100	0	5.86	<=13	Pass
	2535	100	0	5.88	<=13	Pass
	2560	100	0	5.97	<=13	Pass
64QAM	2510	100	0	5.86	<=13	Pass
	2535	100	0	5.87	<=13	Pass
	2560	100	0	5.95	<=13	Pass