



Appendix H for SHCR2208001794CO-LTE Band 7

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

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	22.60	3.30	25.90	<=33.01	Pass
			13	22.68	3.30	25.98	<=33.01	Pass
			24	22.59	3.30	25.89	<=33.01	Pass
		12	0	21.88	3.30	25.18	<=33.01	Pass
			6	21.81	3.30	25.11	<=33.01	Pass
			13	21.72	3.30	25.02	<=33.01	Pass
		25	0	21.80	3.30	25.10	<=33.01	Pass
	2535	1	0	22.91	3.30	26.21	<=33.01	Pass
			13	23.21	3.30	26.51	<=33.01	Pass
			24	22.92	3.30	26.22	<=33.01	Pass
		12	0	22.29	3.30	25.59	<=33.01	Pass
			6	22.35	3.30	25.65	<=33.01	Pass
			13	22.25	3.30	25.55	<=33.01	Pass
		25	0	22.27	3.30	25.57	<=33.01	Pass
	2567.5	1	0	23.11	3.30	26.41	<=33.01	Pass
			13	23.49	3.30	26.79	<=33.01	Pass
			24	23.48	3.30	26.78	<=33.01	Pass
		12	0	22.50	3.30	25.80	<=33.01	Pass
			6	22.47	3.30	25.77	<=33.01	Pass
			13	22.55	3.30	25.85	<=33.01	Pass
		25	0	22.50	3.30	25.80	<=33.01	Pass
16QAM	2502.5	1	0	21.11	3.30	24.41	<=33.01	Pass
			13	21.69	3.30	24.99	<=33.01	Pass
			24	21.39	3.30	24.69	<=33.01	Pass
		12	0	20.88	3.30	24.18	<=33.01	Pass
			6	20.80	3.30	24.10	<=33.01	Pass
			13	20.69	3.30	23.99	<=33.01	Pass
		25	0	20.89	3.30	24.19	<=33.01	Pass
	2535	1	0	22.24	3.30	25.54	<=33.01	Pass
			13	22.57	3.30	25.87	<=33.01	Pass
			24	22.41	3.30	25.71	<=33.01	Pass
		12	0	21.29	3.30	24.59	<=33.01	Pass
			6	21.34	3.30	24.64	<=33.01	Pass
			13	21.35	3.30	24.65	<=33.01	Pass
		25	0	21.32	3.30	24.62	<=33.01	Pass
	2567.5	1	0	22.10	3.30	25.40	<=33.01	Pass
			13	22.02	3.30	25.32	<=33.01	Pass
			24	22.28	3.30	25.58	<=33.01	Pass
		12	0	21.29	3.30	24.59	<=33.01	Pass
			6	21.53	3.30	24.83	<=33.01	Pass
			13	21.49	3.30	24.79	<=33.01	Pass
		25	0	21.52	3.30	24.82	<=33.01	Pass
64QAM	2502.5	1	0	21.08	3.30	24.38	<=33.01	Pass



			13	21.13	3.30	24.43	<=33.01	Pass	
			24	20.88	3.30	24.18	<=33.01	Pass	
		12	0	20.19	3.30	23.49	<=33.01	Pass	
			6	20.31	3.30	23.61	<=33.01	Pass	
			13	20.31	3.30	23.61	<=33.01	Pass	
		25	0	20.33	3.30	23.63	<=33.01	Pass	
		2535	1	0	21.81	3.30	25.11	<=33.01	Pass
	13			22.04	3.30	25.34	<=33.01	Pass	
	24			21.76	3.30	25.06	<=33.01	Pass	
	12		0	20.69	3.30	23.99	<=33.01	Pass	
			6	20.67	3.30	23.97	<=33.01	Pass	
			13	20.65	3.30	23.95	<=33.01	Pass	
	25		0	20.68	3.30	23.98	<=33.01	Pass	
	2567.5	1	0	21.48	3.30	24.78	<=33.01	Pass	
			13	22.08	3.30	25.38	<=33.01	Pass	
			24	21.64	3.30	24.94	<=33.01	Pass	
		12	0	20.92	3.30	24.22	<=33.01	Pass	
			6	21.02	3.30	24.32	<=33.01	Pass	
			13	21.01	3.30	24.31	<=33.01	Pass	
		25	0	20.97	3.30	24.27	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.89	3.30	26.19	<=33.01	Pass
			25	23.00	3.30	26.30	<=33.01	Pass
			49	22.74	3.30	26.04	<=33.01	Pass
		25	0	21.96	3.30	25.26	<=33.01	Pass
			13	21.97	3.30	25.27	<=33.01	Pass
			25	21.85	3.30	25.15	<=33.01	Pass
		50	0	21.93	3.30	25.23	<=33.01	Pass
	2535	1	0	23.24	3.30	26.54	<=33.01	Pass
			25	23.78	3.30	27.08	<=33.01	Pass
			49	23.06	3.30	26.36	<=33.01	Pass
		25	0	22.36	3.30	25.66	<=33.01	Pass
			13	22.34	3.30	25.64	<=33.01	Pass
			25	22.19	3.30	25.49	<=33.01	Pass
		50	0	22.28	3.30	25.58	<=33.01	Pass
	2565	1	0	23.15	3.30	26.45	<=33.01	Pass
			25	23.88	3.30	27.18	<=33.01	Pass
			49	23.55	3.30	26.85	<=33.01	Pass
		25	0	22.44	3.30	25.74	<=33.01	Pass
			13	22.60	3.30	25.90	<=33.01	Pass
			25	22.51	3.30	25.81	<=33.01	Pass
		50	0	22.40	3.30	25.70	<=33.01	Pass
16QAM	2505	1	0	22.28	3.30	25.58	<=33.01	Pass
			25	22.68	3.30	25.98	<=33.01	Pass
			49	21.98	3.30	25.28	<=33.01	Pass
		25	0	21.05	3.30	24.35	<=33.01	Pass

			13	21.08	3.30	24.38	<=33.01	Pass	
			25	20.88	3.30	24.18	<=33.01	Pass	
			50	0	20.91	3.30	24.21	<=33.01	Pass
		2535	1	0	22.81	3.30	26.11	<=33.01	Pass
				25	22.89	3.30	26.19	<=33.01	Pass
				49	22.76	3.30	26.06	<=33.01	Pass
			25	0	21.43	3.30	24.73	<=33.01	Pass
				13	21.52	3.30	24.82	<=33.01	Pass
				25	21.17	3.30	24.47	<=33.01	Pass
			50	0	21.34	3.30	24.64	<=33.01	Pass
	2565	1	0	22.17	3.30	25.47	<=33.01	Pass	
			25	22.51	3.30	25.81	<=33.01	Pass	
			49	22.40	3.30	25.70	<=33.01	Pass	
		25	0	21.50	3.30	24.80	<=33.01	Pass	
			13	21.81	3.30	25.11	<=33.01	Pass	
			25	21.77	3.30	25.07	<=33.01	Pass	
		50	0	21.36	3.30	24.66	<=33.01	Pass	
	64QAM	2505	1	0	21.48	3.30	24.78	<=33.01	Pass
				25	22.23	3.30	25.53	<=33.01	Pass
				49	21.47	3.30	24.77	<=33.01	Pass
25			0	20.59	3.30	23.89	<=33.01	Pass	
			13	20.57	3.30	23.87	<=33.01	Pass	
			25	20.42	3.30	23.72	<=33.01	Pass	
50			0	20.39	3.30	23.69	<=33.01	Pass	
2535			1	0	21.49	3.30	24.79	<=33.01	Pass
				25	22.23	3.30	25.53	<=33.01	Pass
				49	21.23	3.30	24.53	<=33.01	Pass
		25	0	20.90	3.30	24.20	<=33.01	Pass	
			13	20.79	3.30	24.09	<=33.01	Pass	
			25	20.67	3.30	23.97	<=33.01	Pass	
		50	0	20.86	3.30	24.16	<=33.01	Pass	
2565		1	0	21.89	3.30	25.19	<=33.01	Pass	
			25	22.36	3.30	25.66	<=33.01	Pass	
			49	22.16	3.30	25.46	<=33.01	Pass	
		25	0	21.01	3.30	24.31	<=33.01	Pass	
			13	20.96	3.30	24.26	<=33.01	Pass	
			25	21.12	3.30	24.42	<=33.01	Pass	
	50	0	20.90	3.30	24.20	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.3 B7_15MHz_EIRP

1.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	22.79	3.30	26.09	<=33.01	Pass
			38	22.93	3.30	26.23	<=33.01	Pass
			74	22.80	3.30	26.10	<=33.01	Pass
		36	0	21.97	3.30	25.27	<=33.01	Pass
			18	21.96	3.30	25.26	<=33.01	Pass
			39	21.84	3.30	25.14	<=33.01	Pass
		75	0	21.94	3.30	25.24	<=33.01	Pass



	2535	1	0	23.09	3.30	26.39	<=33.01	Pass
			38	23.36	3.30	26.66	<=33.01	Pass
			74	22.99	3.30	26.29	<=33.01	Pass
		36	0	22.43	3.30	25.73	<=33.01	Pass
			18	22.34	3.30	25.64	<=33.01	Pass
			39	22.21	3.30	25.51	<=33.01	Pass
	2562.5	75	0	22.37	3.30	25.67	<=33.01	Pass
			0	23.18	3.30	26.48	<=33.01	Pass
			38	23.38	3.30	26.68	<=33.01	Pass
		1	74	23.38	3.30	26.68	<=33.01	Pass
			0	22.56	3.30	25.86	<=33.01	Pass
			18	22.49	3.30	25.79	<=33.01	Pass
		36	39	22.52	3.30	25.82	<=33.01	Pass
			0	22.51	3.30	25.81	<=33.01	Pass
			0	22.33	3.30	25.63	<=33.01	Pass
16QAM	2507.5	1	38	22.29	3.30	25.59	<=33.01	Pass
			74	22.05	3.30	25.35	<=33.01	Pass
			0	20.99	3.30	24.29	<=33.01	Pass
		36	18	20.91	3.30	24.21	<=33.01	Pass
			39	20.85	3.30	24.15	<=33.01	Pass
			0	21.02	3.30	24.32	<=33.01	Pass
	2535	75	0	22.85	3.30	26.15	<=33.01	Pass
			38	23.44	3.30	26.74	<=33.01	Pass
			74	22.61	3.30	25.91	<=33.01	Pass
		1	0	21.59	3.30	24.89	<=33.01	Pass
			18	21.41	3.30	24.71	<=33.01	Pass
			39	21.11	3.30	24.41	<=33.01	Pass
	2562.5	36	0	21.37	3.30	24.67	<=33.01	Pass
			0	22.31	3.30	25.61	<=33.01	Pass
			38	22.39	3.30	25.69	<=33.01	Pass
64QAM	2507.5	1	74	22.20	3.30	25.50	<=33.01	Pass
			0	21.35	3.30	24.65	<=33.01	Pass
			18	21.46	3.30	24.76	<=33.01	Pass
		36	39	21.38	3.30	24.68	<=33.01	Pass
			0	21.59	3.30	24.89	<=33.01	Pass
			0	21.43	3.30	24.73	<=33.01	Pass
		1	38	21.00	3.30	25.30	<=33.01	Pass
			74	21.48	3.30	24.78	<=33.01	Pass
			0	20.46	3.30	23.76	<=33.01	Pass
	2535	36	18	20.51	3.30	23.81	<=33.01	Pass
			39	20.29	3.30	23.59	<=33.01	Pass
			0	20.32	3.30	23.62	<=33.01	Pass
		75	0	21.43	3.30	24.73	<=33.01	Pass
			38	21.99	3.30	25.29	<=33.01	Pass
			74	21.35	3.30	24.65	<=33.01	Pass
	2562.5	1	0	20.80	3.30	24.10	<=33.01	Pass
			18	20.79	3.30	24.09	<=33.01	Pass
			39	20.53	3.30	23.83	<=33.01	Pass
		36	0	20.82	3.30	24.12	<=33.01	Pass
			0	21.48	3.30	24.78	<=33.01	Pass
			38	22.59	3.30	25.89	<=33.01	Pass
		75	74	22.43	3.30	25.73	<=33.01	Pass
			0	20.94	3.30	24.24	<=33.01	Pass
			18	20.92	3.30	24.22	<=33.01	Pass
		1	39	20.89	3.30	24.19	<=33.01	Pass
			0	21.01	3.30	24.31	<=33.01	Pass



Note1: EIRP=Conducted Power+Antenna Gain

1.4 B7_20MHz_EIRP

1.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.53	3.30	25.83	<=33.01	Pass
			50	23.12	3.30	26.42	<=33.01	Pass
			99	22.67	3.30	25.97	<=33.01	Pass
		50	0	21.96	3.30	25.26	<=33.01	Pass
			25	21.98	3.30	25.28	<=33.01	Pass
			50	21.89	3.30	25.19	<=33.01	Pass
		100	0	21.98	3.30	25.28	<=33.01	Pass
	2535	1	0	22.71	3.30	26.01	<=33.01	Pass
			50	23.04	3.30	26.34	<=33.01	Pass
			99	22.44	3.30	25.74	<=33.01	Pass
		50	0	21.83	3.30	25.13	<=33.01	Pass
			25	21.82	3.30	25.12	<=33.01	Pass
			50	21.58	3.30	24.88	<=33.01	Pass
		100	0	21.71	3.30	25.01	<=33.01	Pass
	2560	1	0	22.41	3.30	25.71	<=33.01	Pass
			50	22.85	3.30	26.15	<=33.01	Pass
			99	22.62	3.30	25.92	<=33.01	Pass
		50	0	21.69	3.30	24.99	<=33.01	Pass
			25	21.88	3.30	25.18	<=33.01	Pass
			50	21.77	3.30	25.07	<=33.01	Pass
		100	0	21.67	3.30	24.97	<=33.01	Pass
16QAM	2510	1	0	22.09	3.30	25.39	<=33.01	Pass
			50	22.56	3.30	25.86	<=33.01	Pass
			99	22.24	3.30	25.54	<=33.01	Pass
		50	0	21.05	3.30	24.35	<=33.01	Pass
			25	21.03	3.30	24.33	<=33.01	Pass
			50	20.33	3.30	23.63	<=33.01	Pass
		100	0	20.25	3.30	23.55	<=33.01	Pass
	2535	1	0	21.60	3.30	24.90	<=33.01	Pass
			50	21.85	3.30	25.15	<=33.01	Pass
			99	20.96	3.30	24.26	<=33.01	Pass
		50	0	20.88	3.30	24.18	<=33.01	Pass
			25	20.88	3.30	24.18	<=33.01	Pass
			50	20.67	3.30	23.97	<=33.01	Pass
		100	0	20.76	3.30	24.06	<=33.01	Pass
	2560	1	0	22.28	3.30	25.58	<=33.01	Pass
			50	22.95	3.30	26.25	<=33.01	Pass
			99	22.26	3.30	25.56	<=33.01	Pass
		50	0	20.71	3.30	24.01	<=33.01	Pass
			25	20.92	3.30	24.22	<=33.01	Pass
			50	20.82	3.30	24.12	<=33.01	Pass
		100	0	20.83	3.30	24.13	<=33.01	Pass
64QAM	2510	1	0	21.19	3.30	24.49	<=33.01	Pass
			50	22.11	3.30	25.41	<=33.01	Pass
			99	21.45	3.30	24.75	<=33.01	Pass



		50	0	20.55	3.30	23.85	<=33.01	Pass
			25	20.57	3.30	23.87	<=33.01	Pass
			50	20.61	3.30	23.91	<=33.01	Pass
		100	0	20.20	3.30	23.50	<=33.01	Pass
	2535	1	0	21.51	3.30	24.81	<=33.01	Pass
			50	22.16	3.30	25.46	<=33.01	Pass
			99	21.44	3.30	24.74	<=33.01	Pass
		50	0	21.01	3.30	24.31	<=33.01	Pass
			25	20.83	3.30	24.13	<=33.01	Pass
			50	20.74	3.30	24.04	<=33.01	Pass
		100	0	20.65	3.30	23.95	<=33.01	Pass
		2560	1	0	21.09	3.30	24.39	<=33.01
	50			22.18	3.30	25.48	<=33.01	Pass
	99			21.55	3.30	24.85	<=33.01	Pass
	50		0	20.79	3.30	24.09	<=33.01	Pass
			25	21.06	3.30	24.36	<=33.01	Pass
			50	21.06	3.30	24.36	<=33.01	Pass
	100		0	20.84	3.30	24.14	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

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	6.12	5.119	0.0020	-2.5 to 2.5	Pass
					7.20	3.739	0.0015	-2.5 to 2.5	Pass
					8.28	0.417	0.0002	-2.5 to 2.5	Pass
				-30	7.20	3.891	0.0016	-2.5 to 2.5	Pass
				-20	7.20	0.815	0.0003	-2.5 to 2.5	Pass
				-10	7.20	2.672	0.0011	-2.5 to 2.5	Pass
				0	7.20	3.040	0.0012	-2.5 to 2.5	Pass
				10	7.20	3.341	0.0013	-2.5 to 2.5	Pass
				30	7.20	1.088	0.0004	-2.5 to 2.5	Pass
				40	7.20	1.552	0.0006	-2.5 to 2.5	Pass
				50	7.20	2.783	0.0011	-2.5 to 2.5	Pass
	2535	25	0	20	6.12	-2.197	-0.0009	-2.5 to 2.5	Pass
					7.20	-4.949	-0.0020	-2.5 to 2.5	Pass
					8.28	-4.155	-0.0016	-2.5 to 2.5	Pass
				-30	7.20	-4.325	-0.0017	-2.5 to 2.5	Pass
				-20	7.20	-5.296	-0.0021	-2.5 to 2.5	Pass
				-10	7.20	-5.162	-0.0020	-2.5 to 2.5	Pass
				0	7.20	-2.518	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-4.505	-0.0018	-2.5 to 2.5	Pass
				30	7.20	-2.967	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-3.639	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-2.986	-0.0012	-2.5 to 2.5	Pass
	2567.5	25	0	20	6.12	1.499	0.0006	-2.5 to 2.5	Pass
					7.20	-0.804	-0.0003	-2.5 to 2.5	Pass



					8.28	1.699	0.0007	-2.5 to 2.5	Pass
				-30	7.20	1.353	0.0005	-2.5 to 2.5	Pass
				-20	7.20	-0.024	0.0000	-2.5 to 2.5	Pass
				-10	7.20	1.408	0.0005	-2.5 to 2.5	Pass
				0	7.20	0.236	0.0001	-2.5 to 2.5	Pass
				10	7.20	4.857	0.0019	-2.5 to 2.5	Pass
				30	7.20	2.851	0.0011	-2.5 to 2.5	Pass
				40	7.20	3.361	0.0013	-2.5 to 2.5	Pass
16QAM	2502.5	25	0		7.20	1.383	0.0005	-2.5 to 2.5	Pass
				20	6.12	2.219	0.0009	-2.5 to 2.5	Pass
					7.20	-0.035	0.0000	-2.5 to 2.5	Pass
					8.28	1.369	0.0005	-2.5 to 2.5	Pass
				-30	7.20	0.420	0.0002	-2.5 to 2.5	Pass
				-20	7.20	1.671	0.0007	-2.5 to 2.5	Pass
				-10	7.20	0.884	0.0004	-2.5 to 2.5	Pass
				0	7.20	0.383	0.0002	-2.5 to 2.5	Pass
				10	7.20	3.729	0.0015	-2.5 to 2.5	Pass
				30	7.20	3.710	0.0015	-2.5 to 2.5	Pass
				40	7.20	1.269	0.0005	-2.5 to 2.5	Pass
				50	7.20	4.392	0.0018	-2.5 to 2.5	Pass
	2535	25	0	20	6.12	-3.815	-0.0015	-2.5 to 2.5	Pass
					7.20	-4.612	-0.0018	-2.5 to 2.5	Pass
					8.28	-3.852	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	-5.390	-0.0021	-2.5 to 2.5	Pass
				-20	7.20	-1.198	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	-1.899	-0.0007	-2.5 to 2.5	Pass
				0	7.20	-1.192	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-3.175	-0.0013	-2.5 to 2.5	Pass
				30	7.20	-3.195	-0.0013	-2.5 to 2.5	Pass
				40	7.20	-2.962	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-1.328	-0.0005	-2.5 to 2.5	Pass
	2567.5	25	0	20	6.12	2.064	0.0008	-2.5 to 2.5	Pass
					7.20	3.503	0.0014	-2.5 to 2.5	Pass
					8.28	1.809	0.0007	-2.5 to 2.5	Pass
				-30	7.20	1.121	0.0004	-2.5 to 2.5	Pass
				-20	7.20	4.003	0.0016	-2.5 to 2.5	Pass
				-10	7.20	2.341	0.0009	-2.5 to 2.5	Pass
				0	7.20	3.447	0.0013	-2.5 to 2.5	Pass
				10	7.20	2.339	0.0009	-2.5 to 2.5	Pass
				30	7.20	2.384	0.0009	-2.5 to 2.5	Pass
				40	7.20	5.117	0.0020	-2.5 to 2.5	Pass
				50	7.20	2.750	0.0011	-2.5 to 2.5	Pass
64QAM	2502.5	25	0	20	6.12	1.760	0.0007	-2.5 to 2.5	Pass
					7.20	-0.463	-0.0002	-2.5 to 2.5	Pass
					8.28	2.362	0.0009	-2.5 to 2.5	Pass
				-30	7.20	3.730	0.0015	-2.5 to 2.5	Pass
				-20	7.20	4.210	0.0017	-2.5 to 2.5	Pass
				-10	7.20	1.397	0.0006	-2.5 to 2.5	Pass
				0	7.20	0.813	0.0003	-2.5 to 2.5	Pass
				10	7.20	2.242	0.0009	-2.5 to 2.5	Pass
				30	7.20	2.954	0.0012	-2.5 to 2.5	Pass
				40	7.20	1.061	0.0004	-2.5 to 2.5	Pass
				50	7.20	0.471	0.0002	-2.5 to 2.5	Pass
	2535	25	0	20	6.12	-1.653	-0.0007	-2.5 to 2.5	Pass
					7.20	-1.797	-0.0007	-2.5 to 2.5	Pass
					8.28	-4.765	-0.0019	-2.5 to 2.5	Pass



				-30	7.20	-3.965	-0.0016	-2.5 to 2.5	Pass
				-20	7.20	-2.057	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-3.468	-0.0014	-2.5 to 2.5	Pass
				0	7.20	-1.747	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-4.809	-0.0019	-2.5 to 2.5	Pass
				30	7.20	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-0.917	-0.0004	-2.5 to 2.5	Pass
				50	7.20	-1.246	-0.0005	-2.5 to 2.5	Pass
	2567.5	25	0	20	6.12	-0.587	-0.0002	-2.5 to 2.5	Pass
					7.20	-0.277	-0.0001	-2.5 to 2.5	Pass
					8.28	0.951	0.0004	-2.5 to 2.5	Pass
				-30	7.20	1.691	0.0007	-2.5 to 2.5	Pass
				-20	7.20	1.368	0.0005	-2.5 to 2.5	Pass
				-10	7.20	0.139	0.0001	-2.5 to 2.5	Pass
				0	7.20	1.839	0.0007	-2.5 to 2.5	Pass
				10	7.20	2.797	0.0011	-2.5 to 2.5	Pass
				30	7.20	-1.030	-0.0004	-2.5 to 2.5	Pass
				40	7.20	1.425	0.0006	-2.5 to 2.5	Pass
				50	7.20	2.519	0.0010	-2.5 to 2.5	Pass

2.2 B7_10MHz

2.2.1 Test Result

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	6.12	-1.468	-0.0006	-2.5 to 2.5	Pass
					7.20	-2.367	-0.0009	-2.5 to 2.5	Pass
					8.28	-0.626	-0.0002	-2.5 to 2.5	Pass
				-30	7.20	-0.518	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	-1.325	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	-2.156	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-1.726	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-1.381	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-1.785	-0.0007	-2.5 to 2.5	Pass
				40	7.20	-1.938	-0.0008	-2.5 to 2.5	Pass
				50	7.20	-2.772	-0.0011	-2.5 to 2.5	Pass
	2535	50	0	20	6.12	-2.662	-0.0011	-2.5 to 2.5	Pass
					7.20	-2.478	-0.0010	-2.5 to 2.5	Pass
					8.28	-1.083	-0.0004	-2.5 to 2.5	Pass
				-30	7.20	-2.842	-0.0011	-2.5 to 2.5	Pass
				-20	7.20	-2.913	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	-1.987	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-1.955	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-2.348	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-2.353	-0.0009	-2.5 to 2.5	Pass
				40	7.20	-2.281	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-3.710	-0.0015	-2.5 to 2.5	Pass
	2565	50	0	20	6.12	-0.922	-0.0004	-2.5 to 2.5	Pass
					7.20	-1.859	-0.0007	-2.5 to 2.5	Pass
					8.28	-1.733	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	-2.119	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-1.543	-0.0006	-2.5 to 2.5	Pass



				-10	7.20	-1.032	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-2.193	-0.0009	-2.5 to 2.5	Pass
				10	7.20	0.135	0.0001	-2.5 to 2.5	Pass
				30	7.20	-1.413	-0.0006	-2.5 to 2.5	Pass
				40	7.20	-1.945	-0.0008	-2.5 to 2.5	Pass
16QAM	2505	50	0	50	7.20	-1.486	-0.0006	-2.5 to 2.5	Pass
				20	6.12	-3.490	-0.0014	-2.5 to 2.5	Pass
					7.20	-3.278	-0.0013	-2.5 to 2.5	Pass
					8.28	-2.268	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-2.650	-0.0011	-2.5 to 2.5	Pass
				-20	7.20	-2.597	-0.0010	-2.5 to 2.5	Pass
				-10	7.20	-2.434	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-2.929	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-1.868	-0.0007	-2.5 to 2.5	Pass
				30	7.20	-0.904	-0.0004	-2.5 to 2.5	Pass
	2535	50	0	40	7.20	-2.214	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-2.600	-0.0010	-2.5 to 2.5	Pass
				20	6.12	-3.110	-0.0012	-2.5 to 2.5	Pass
					7.20	-0.814	-0.0003	-2.5 to 2.5	Pass
					8.28	-0.063	0.0000	-2.5 to 2.5	Pass
				-30	7.20	-3.761	-0.0015	-2.5 to 2.5	Pass
				-20	7.20	-3.196	-0.0013	-2.5 to 2.5	Pass
				-10	7.20	-2.820	-0.0011	-2.5 to 2.5	Pass
				0	7.20	-1.000	-0.0004	-2.5 to 2.5	Pass
				10	7.20	-2.946	-0.0012	-2.5 to 2.5	Pass
	2565	50	0	30	7.20	-1.235	-0.0005	-2.5 to 2.5	Pass
				40	7.20	-2.789	-0.0011	-2.5 to 2.5	Pass
				50	7.20	-3.638	-0.0014	-2.5 to 2.5	Pass
				20	6.12	-0.792	-0.0003	-2.5 to 2.5	Pass
					7.20	-2.635	-0.0010	-2.5 to 2.5	Pass
					8.28	-3.241	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-1.782	-0.0007	-2.5 to 2.5	Pass
				-20	7.20	-2.304	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-3.289	-0.0013	-2.5 to 2.5	Pass
				0	7.20	-1.533	-0.0006	-2.5 to 2.5	Pass
64QAM	2505	50	0	10	7.20	-0.959	-0.0004	-2.5 to 2.5	Pass
				30	7.20	-0.974	-0.0004	-2.5 to 2.5	Pass
				40	7.20	-3.170	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-2.154	-0.0008	-2.5 to 2.5	Pass
				20	6.12	-5.068	-0.0020	-2.5 to 2.5	Pass
					7.20	-3.183	-0.0013	-2.5 to 2.5	Pass
					8.28	-2.079	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-5.660	-0.0023	-2.5 to 2.5	Pass
				-20	7.20	-4.921	-0.0020	-2.5 to 2.5	Pass
				-10	7.20	-2.333	-0.0009	-2.5 to 2.5	Pass
	2535	50	0	0	7.20	-2.589	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-2.490	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-4.206	-0.0017	-2.5 to 2.5	Pass
				40	7.20	-1.861	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-1.482	-0.0006	-2.5 to 2.5	Pass
				20	6.12	-4.990	-0.0020	-2.5 to 2.5	Pass
					7.20	-3.396	-0.0013	-2.5 to 2.5	Pass
					8.28	-3.485	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-1.621	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-4.898	-0.0019	-2.5 to 2.5	Pass
				-10	7.20	-0.691	-0.0003	-2.5 to 2.5	Pass



				0	7.20	-2.771	-0.0011	-2.5 to 2.5	Pass
				10	7.20	-3.795	-0.0015	-2.5 to 2.5	Pass
				30	7.20	-5.323	-0.0021	-2.5 to 2.5	Pass
				40	7.20	-4.440	-0.0018	-2.5 to 2.5	Pass
				50	7.20	-2.322	-0.0009	-2.5 to 2.5	Pass
	2565	50	0	20	6.12	-3.433	-0.0013	-2.5 to 2.5	Pass
					7.20	-2.846	-0.0011	-2.5 to 2.5	Pass
					8.28	-4.884	-0.0019	-2.5 to 2.5	Pass
				-30	7.20	-3.130	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-1.781	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-1.921	-0.0007	-2.5 to 2.5	Pass
				0	7.20	-3.072	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-2.920	-0.0011	-2.5 to 2.5	Pass
				30	7.20	-5.698	-0.0022	-2.5 to 2.5	Pass
				40	7.20	-1.301	-0.0005	-2.5 to 2.5	Pass
				50	7.20	-2.832	-0.0011	-2.5 to 2.5	Pass

2.3 B7_15MHz

2.3.1 Test Result

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	6.12	-0.513	-0.0002	-2.5 to 2.5	Pass
					7.20	1.885	0.0008	-2.5 to 2.5	Pass
					8.28	3.392	0.0014	-2.5 to 2.5	Pass
				-30	7.20	2.098	0.0008	-2.5 to 2.5	Pass
				-20	7.20	0.418	0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.864	-0.0003	-2.5 to 2.5	Pass
				0	7.20	0.973	0.0004	-2.5 to 2.5	Pass
				10	7.20	0.642	0.0003	-2.5 to 2.5	Pass
				30	7.20	1.424	0.0006	-2.5 to 2.5	Pass
				40	7.20	1.365	0.0005	-2.5 to 2.5	Pass
				50	7.20	0.454	0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	6.12	-4.091	-0.0016	-2.5 to 2.5	Pass
					7.20	2.825	0.0011	-2.5 to 2.5	Pass
					8.28	-3.933	-0.0016	-2.5 to 2.5	Pass
				-30	7.20	3.392	0.0013	-2.5 to 2.5	Pass
				-20	7.20	-3.923	-0.0015	-2.5 to 2.5	Pass
				-10	7.20	-2.077	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-2.498	-0.0010	-2.5 to 2.5	Pass
				10	7.20	-2.128	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-1.647	-0.0006	-2.5 to 2.5	Pass
				40	7.20	-3.100	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-3.077	-0.0012	-2.5 to 2.5	Pass
	2562.5	75	0	20	6.12	0.754	0.0003	-2.5 to 2.5	Pass
					7.20	0.382	0.0001	-2.5 to 2.5	Pass
					8.28	2.496	0.0010	-2.5 to 2.5	Pass
				-30	7.20	1.758	0.0007	-2.5 to 2.5	Pass
				-20	7.20	2.237	0.0009	-2.5 to 2.5	Pass
				-10	7.20	2.451	0.0010	-2.5 to 2.5	Pass
				0	7.20	1.126	0.0004	-2.5 to 2.5	Pass
				10	7.20	1.269	0.0005	-2.5 to 2.5	Pass

				30	7.20	2.986	0.0012	-2.5 to 2.5	Pass
				40	7.20	4.036	0.0016	-2.5 to 2.5	Pass
				50	7.20	1.109	0.0004	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	6.12	0.541	0.0002	-2.5 to 2.5	Pass
					7.20	2.419	0.0010	-2.5 to 2.5	Pass
					8.28	2.916	0.0012	-2.5 to 2.5	Pass
				-30	7.20	0.179	0.0001	-2.5 to 2.5	Pass
				-20	7.20	-0.817	-0.0003	-2.5 to 2.5	Pass
				-10	7.20	-0.687	-0.0003	-2.5 to 2.5	Pass
				0	7.20	2.481	0.0010	-2.5 to 2.5	Pass
				10	7.20	1.376	0.0005	-2.5 to 2.5	Pass
				30	7.20	2.378	0.0009	-2.5 to 2.5	Pass
				40	7.20	1.524	0.0006	-2.5 to 2.5	Pass
				50	7.20	3.940	0.0016	-2.5 to 2.5	Pass
	2535	75	0	20	6.12	-2.111	-0.0008	-2.5 to 2.5	Pass
					7.20	-3.545	-0.0014	-2.5 to 2.5	Pass
					8.28	-3.986	-0.0016	-2.5 to 2.5	Pass
				-30	7.20	-4.291	-0.0017	-2.5 to 2.5	Pass
				-20	7.20	-3.841	-0.0015	-2.5 to 2.5	Pass
				-10	7.20	-4.407	-0.0017	-2.5 to 2.5	Pass
				0	7.20	-3.003	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-2.412	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-4.865	-0.0019	-2.5 to 2.5	Pass
				40	7.20	-4.782	-0.0019	-2.5 to 2.5	Pass
				50	7.20	-3.236	-0.0013	-2.5 to 2.5	Pass
	2562.5	75	0	20	6.12	3.446	0.0013	-2.5 to 2.5	Pass
					7.20	3.443	0.0013	-2.5 to 2.5	Pass
					8.28	0.946	0.0004	-2.5 to 2.5	Pass
				-30	7.20	3.366	0.0013	-2.5 to 2.5	Pass
				-20	7.20	2.522	0.0010	-2.5 to 2.5	Pass
				-10	7.20	2.686	0.0010	-2.5 to 2.5	Pass
				0	7.20	3.986	0.0016	-2.5 to 2.5	Pass
				10	7.20	4.344	0.0017	-2.5 to 2.5	Pass
				30	7.20	2.030	0.0008	-2.5 to 2.5	Pass
				40	7.20	1.186	0.0005	-2.5 to 2.5	Pass
				50	7.20	3.220	0.0013	-2.5 to 2.5	Pass
64QAM	2507.5	75	0	20	6.12	-0.447	-0.0002	-2.5 to 2.5	Pass
					7.20	-1.080	-0.0004	-2.5 to 2.5	Pass
					8.28	2.171	0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.752	-0.0003	-2.5 to 2.5	Pass
				-20	7.20	1.196	0.0005	-2.5 to 2.5	Pass
				-10	7.20	-2.105	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-0.440	-0.0002	-2.5 to 2.5	Pass
				10	7.20	2.200	0.0009	-2.5 to 2.5	Pass
				30	7.20	-0.154	-0.0001	-2.5 to 2.5	Pass
				40	7.20	0.373	0.0001	-2.5 to 2.5	Pass
				50	7.20	1.533	0.0006	-2.5 to 2.5	Pass
	2535	75	0	20	6.12	-4.615	-0.0018	-2.5 to 2.5	Pass
					7.20	-1.978	-0.0008	-2.5 to 2.5	Pass
					8.28	-1.793	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	-5.401	-0.0021	-2.5 to 2.5	Pass
				-20	7.20	-2.290	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-0.741	-0.0003	-2.5 to 2.5	Pass
				0	7.20	-2.139	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-1.611	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-5.327	-0.0021	-2.5 to 2.5	Pass



	2562.5	75	0	40	7.20	-2.277	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-4.905	-0.0019	-2.5 to 2.5	Pass
				20	6.12	3.262	0.0013	-2.5 to 2.5	Pass
					7.20	-0.335	-0.0001	-2.5 to 2.5	Pass
					8.28	2.652	0.0010	-2.5 to 2.5	Pass
				-30	7.20	0.631	0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.960	0.0004	-2.5 to 2.5	Pass
				-10	7.20	1.578	0.0006	-2.5 to 2.5	Pass
				0	7.20	2.723	0.0011	-2.5 to 2.5	Pass
				10	7.20	2.117	0.0008	-2.5 to 2.5	Pass
				30	7.20	0.651	0.0003	-2.5 to 2.5	Pass
				40	7.20	1.878	0.0007	-2.5 to 2.5	Pass
				50	7.20	3.804	0.0015	-2.5 to 2.5	Pass

2.4 B7_20MHz

2.4.1 Test Result

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	6.12	2.650	0.0011	-2.5 to 2.5	Pass
					7.20	1.140	0.0005	-2.5 to 2.5	Pass
					8.28	1.777	0.0007	-2.5 to 2.5	Pass
				-30	7.20	3.277	0.0013	-2.5 to 2.5	Pass
				-20	7.20	2.092	0.0008	-2.5 to 2.5	Pass
				-10	7.20	3.832	0.0015	-2.5 to 2.5	Pass
				0	7.20	1.731	0.0007	-2.5 to 2.5	Pass
				10	7.20	2.322	0.0009	-2.5 to 2.5	Pass
				30	7.20	2.681	0.0011	-2.5 to 2.5	Pass
				40	7.20	0.761	0.0003	-2.5 to 2.5	Pass
	2535	100	0	20	6.12	-1.014	-0.0004	-2.5 to 2.5	Pass
					7.20	-4.228	-0.0017	-2.5 to 2.5	Pass
					8.28	-1.909	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-1.828	-0.0007	-2.5 to 2.5	Pass
				-20	7.20	-1.746	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-2.314	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-2.919	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-2.448	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-4.669	-0.0018	-2.5 to 2.5	Pass
				40	7.20	-3.883	-0.0015	-2.5 to 2.5	Pass
	2560	100	0	20	6.12	-0.796	-0.0003	-2.5 to 2.5	Pass
					7.20	0.649	0.0003	-2.5 to 2.5	Pass
					8.28	-0.355	-0.0001	-2.5 to 2.5	Pass
				-30	7.20	1.905	0.0007	-2.5 to 2.5	Pass
				-20	7.20	1.342	0.0005	-2.5 to 2.5	Pass
				-10	7.20	-2.037	-0.0008	-2.5 to 2.5	Pass
				0	7.20	2.574	0.0010	-2.5 to 2.5	Pass
				10	7.20	0.890	0.0003	-2.5 to 2.5	Pass
				30	7.20	2.476	0.0010	-2.5 to 2.5	Pass
				40	7.20	1.296	0.0005	-2.5 to 2.5	Pass
				50	7.20	2.052	0.0008	-2.5 to 2.5	Pass

16QAM	2510	100	0	20	6.12	2.721	0.0011	-2.5 to 2.5	Pass
					7.20	0.649	0.0003	-2.5 to 2.5	Pass
					8.28	1.681	0.0007	-2.5 to 2.5	Pass
				-30	7.20	0.214	0.0001	-2.5 to 2.5	Pass
				-20	7.20	1.102	0.0004	-2.5 to 2.5	Pass
				-10	7.20	1.543	0.0006	-2.5 to 2.5	Pass
				0	7.20	1.864	0.0007	-2.5 to 2.5	Pass
				10	7.20	3.407	0.0014	-2.5 to 2.5	Pass
				30	7.20	4.130	0.0016	-2.5 to 2.5	Pass
				40	7.20	3.499	0.0014	-2.5 to 2.5	Pass
				50	7.20	4.477	0.0018	-2.5 to 2.5	Pass
	2535	100	0	20	6.12	-3.088	-0.0012	-2.5 to 2.5	Pass
					7.20	-4.636	-0.0018	-2.5 to 2.5	Pass
					8.28	-3.665	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-2.511	-0.0010	-2.5 to 2.5	Pass
				-20	7.20	-2.035	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-4.930	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-3.724	-0.0015	-2.5 to 2.5	Pass
				10	7.20	-2.299	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-3.191	-0.0013	-2.5 to 2.5	Pass
				40	7.20	-4.219	-0.0017	-2.5 to 2.5	Pass
				50	7.20	-3.725	-0.0015	-2.5 to 2.5	Pass
	2560	100	0	20	6.12	1.842	0.0007	-2.5 to 2.5	Pass
					7.20	-0.362	-0.0001	-2.5 to 2.5	Pass
					8.28	2.501	0.0010	-2.5 to 2.5	Pass
				-30	7.20	2.374	0.0009	-2.5 to 2.5	Pass
				-20	7.20	-1.637	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	-0.772	-0.0003	-2.5 to 2.5	Pass
				0	7.20	1.320	0.0005	-2.5 to 2.5	Pass
				10	7.20	1.694	0.0007	-2.5 to 2.5	Pass
				30	7.20	-1.356	-0.0005	-2.5 to 2.5	Pass
				40	7.20	1.541	0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.409	-0.0002	-2.5 to 2.5	Pass
64QAM	2510	100	0	20	6.12	1.008	0.0004	-2.5 to 2.5	Pass
					7.20	3.376	0.0013	-2.5 to 2.5	Pass
					8.28	0.682	0.0003	-2.5 to 2.5	Pass
				-30	7.20	0.928	0.0004	-2.5 to 2.5	Pass
				-20	7.20	1.692	0.0007	-2.5 to 2.5	Pass
				-10	7.20	3.148	0.0013	-2.5 to 2.5	Pass
				0	7.20	4.068	0.0016	-2.5 to 2.5	Pass
				10	7.20	0.781	0.0003	-2.5 to 2.5	Pass
				30	7.20	2.669	0.0011	-2.5 to 2.5	Pass
				40	7.20	4.185	0.0017	-2.5 to 2.5	Pass
				50	7.20	-0.807	-0.0003	-2.5 to 2.5	Pass
	2535	100	0	20	6.12	-4.561	-0.0018	-2.5 to 2.5	Pass
					7.20	-1.065	-0.0004	-2.5 to 2.5	Pass
					8.28	-2.631	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-2.167	-0.0009	-2.5 to 2.5	Pass
				-20	7.20	-4.925	-0.0019	-2.5 to 2.5	Pass
				-10	7.20	-4.004	-0.0016	-2.5 to 2.5	Pass
				0	7.20	-1.166	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-2.125	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-3.607	-0.0014	-2.5 to 2.5	Pass
				40	7.20	-3.336	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-5.357	-0.0021	-2.5 to 2.5	Pass
	2560	100	0	20	6.12	-1.500	-0.0006	-2.5 to 2.5	Pass



					7.20	-1.396	-0.0005	-2.5 to 2.5	Pass
					8.28	1.169	0.0005	-2.5 to 2.5	Pass
				-30	7.20	-1.162	-0.0005	-2.5 to 2.5	Pass
				-20	7.20	0.331	0.0001	-2.5 to 2.5	Pass
				-10	7.20	0.237	0.0001	-2.5 to 2.5	Pass
				0	7.20	-1.016	-0.0004	-2.5 to 2.5	Pass
				10	7.20	0.911	0.0004	-2.5 to 2.5	Pass
				30	7.20	2.368	0.0009	-2.5 to 2.5	Pass
				40	7.20	-0.978	-0.0004	-2.5 to 2.5	Pass
				50	7.20	-1.142	-0.0004	-2.5 to 2.5	Pass

3. Modulation Characteristics

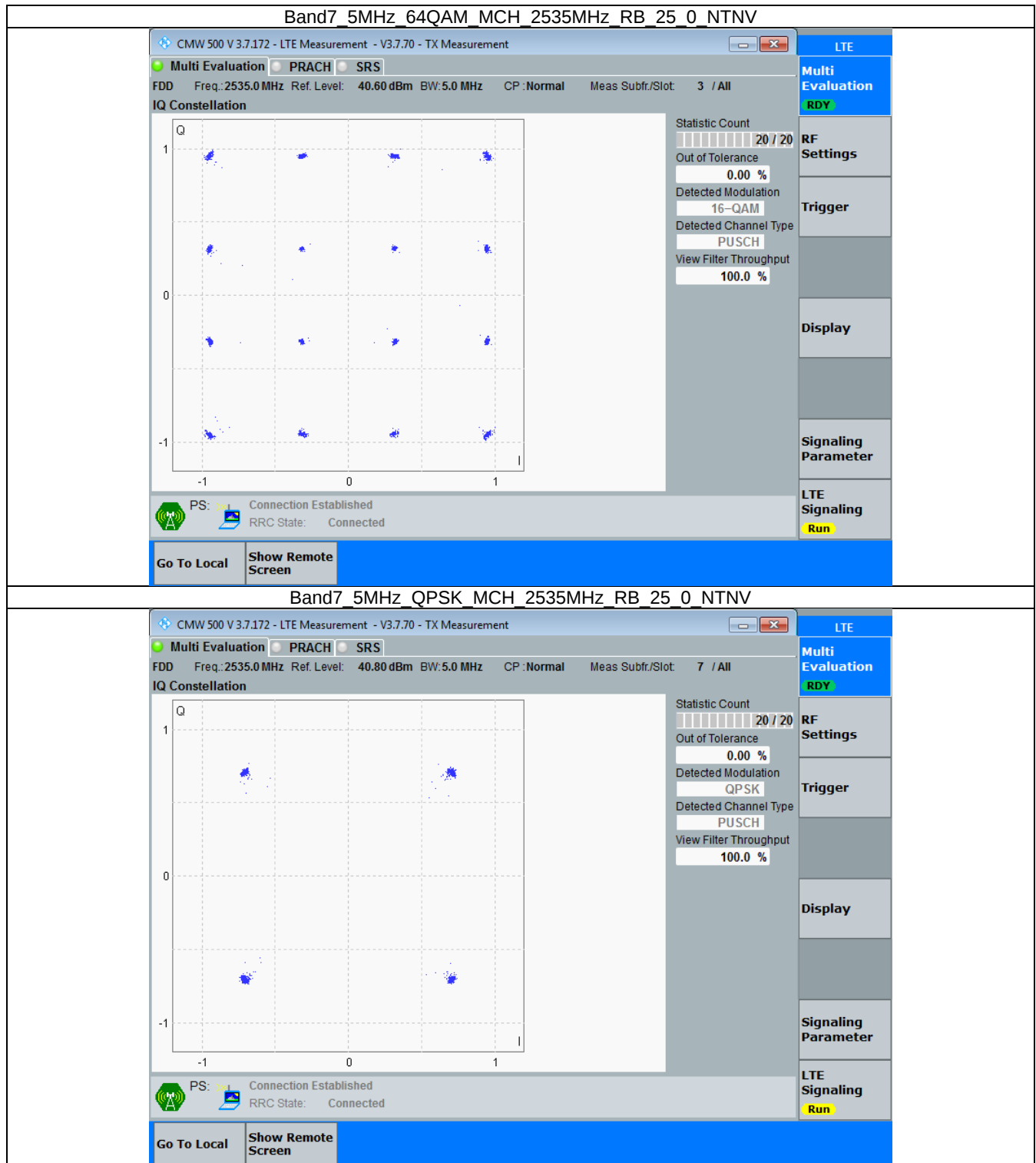
3.1 B7_5MHz

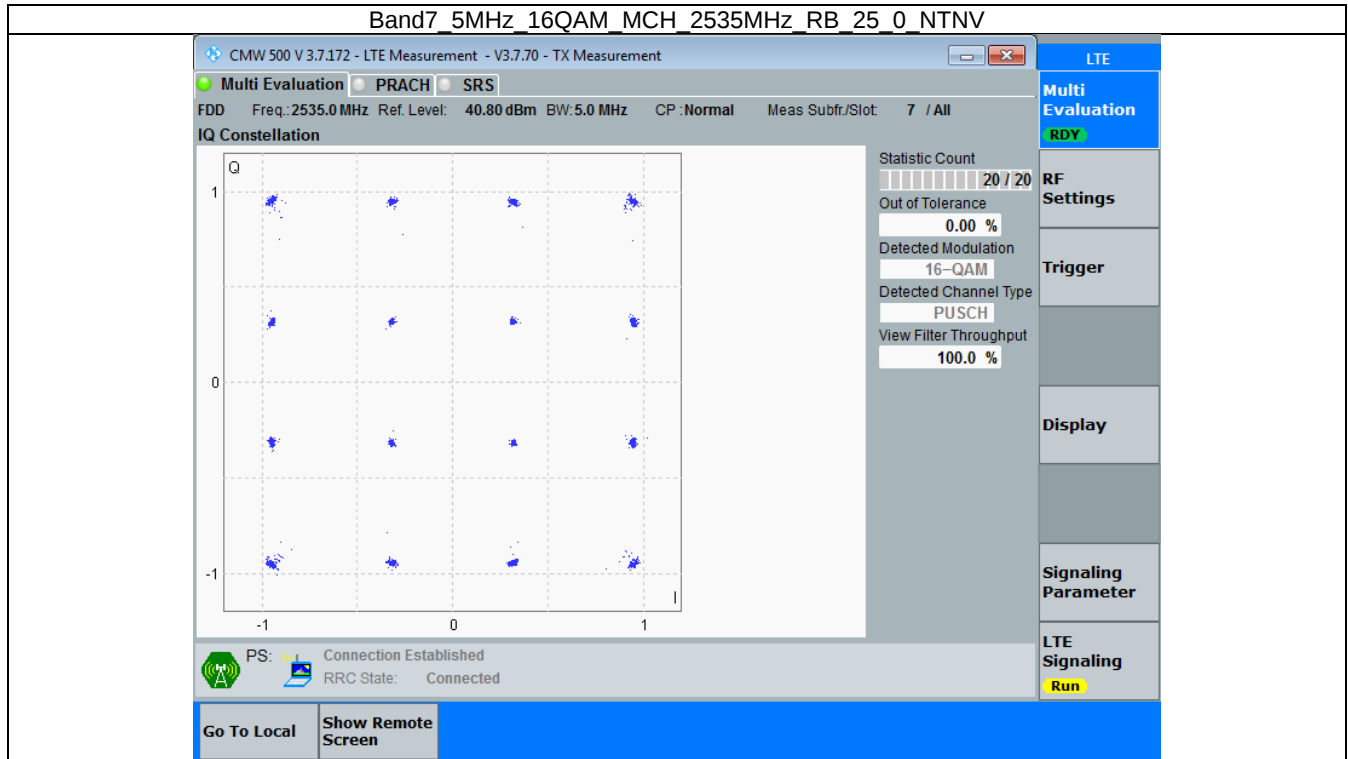
3.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
64QAM	2535	25	0	Refer To Test Graph		Pass
QPSK	2535	25	0	Refer To Test Graph		Pass
16QAM	2535	25	0	Refer To Test Graph		Pass



3.1.2 Test Graph







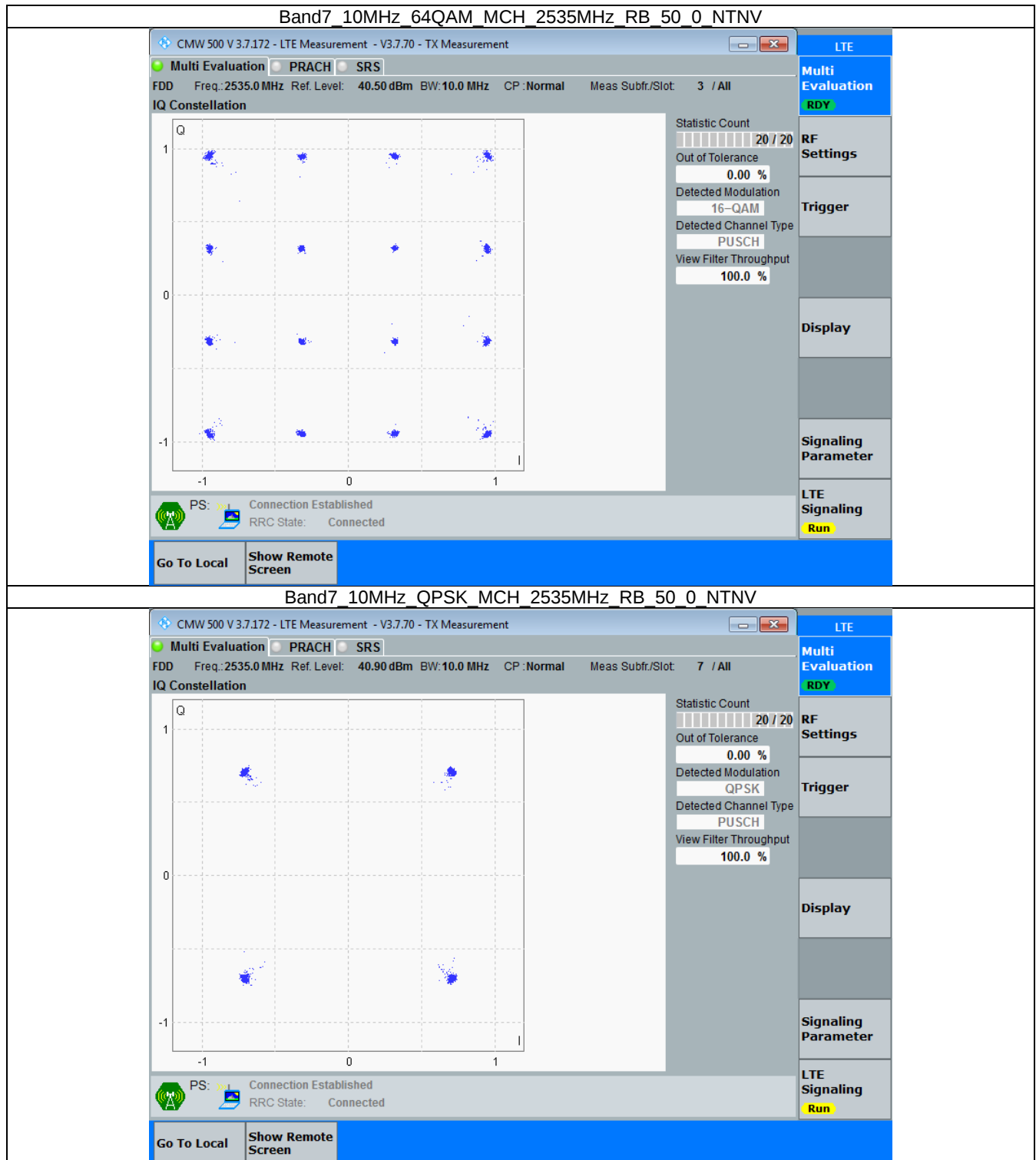
3.2 B7_10MHz

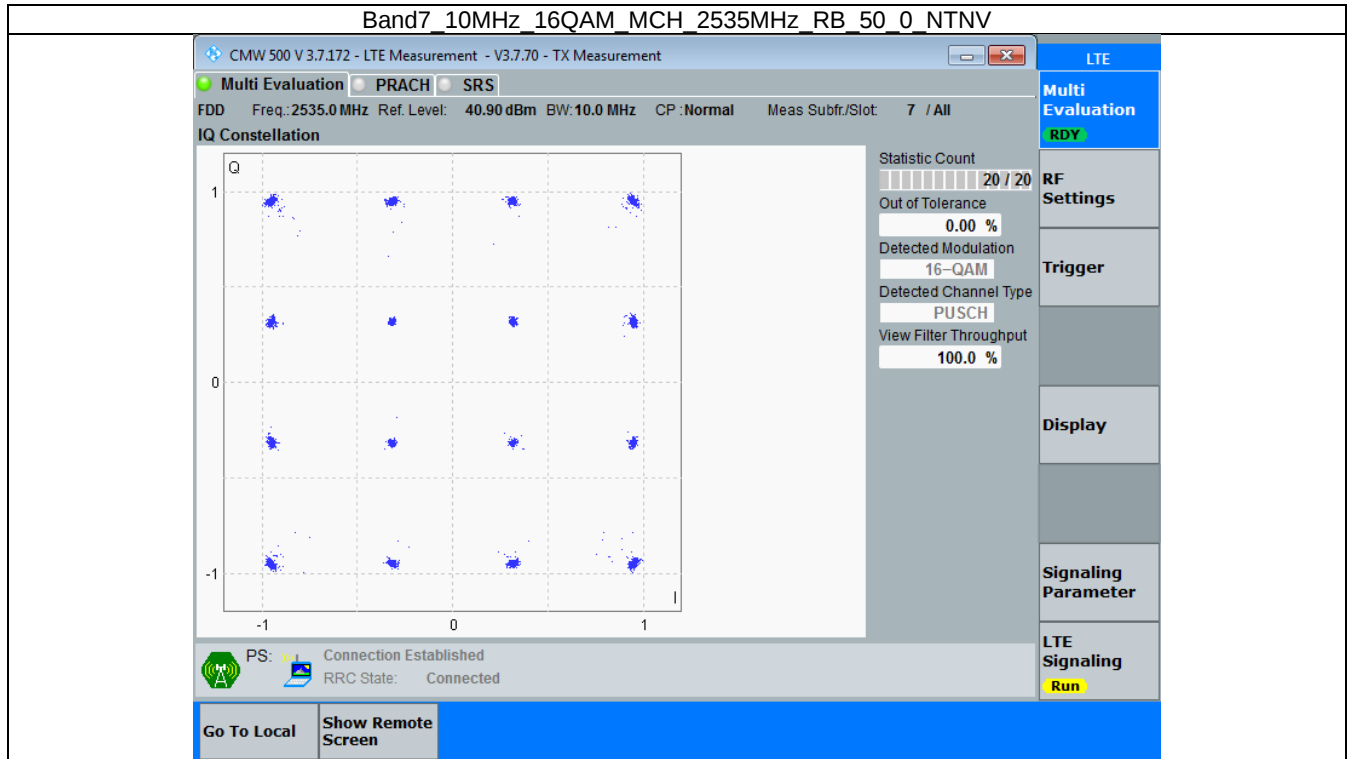
3.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
64QAM	2535	50	0	Refer To Test Graph	Pass
QPSK	2535	50	0	Refer To Test Graph	Pass
16QAM	2535	50	0	Refer To Test Graph	Pass



3.2.2 Test Graph







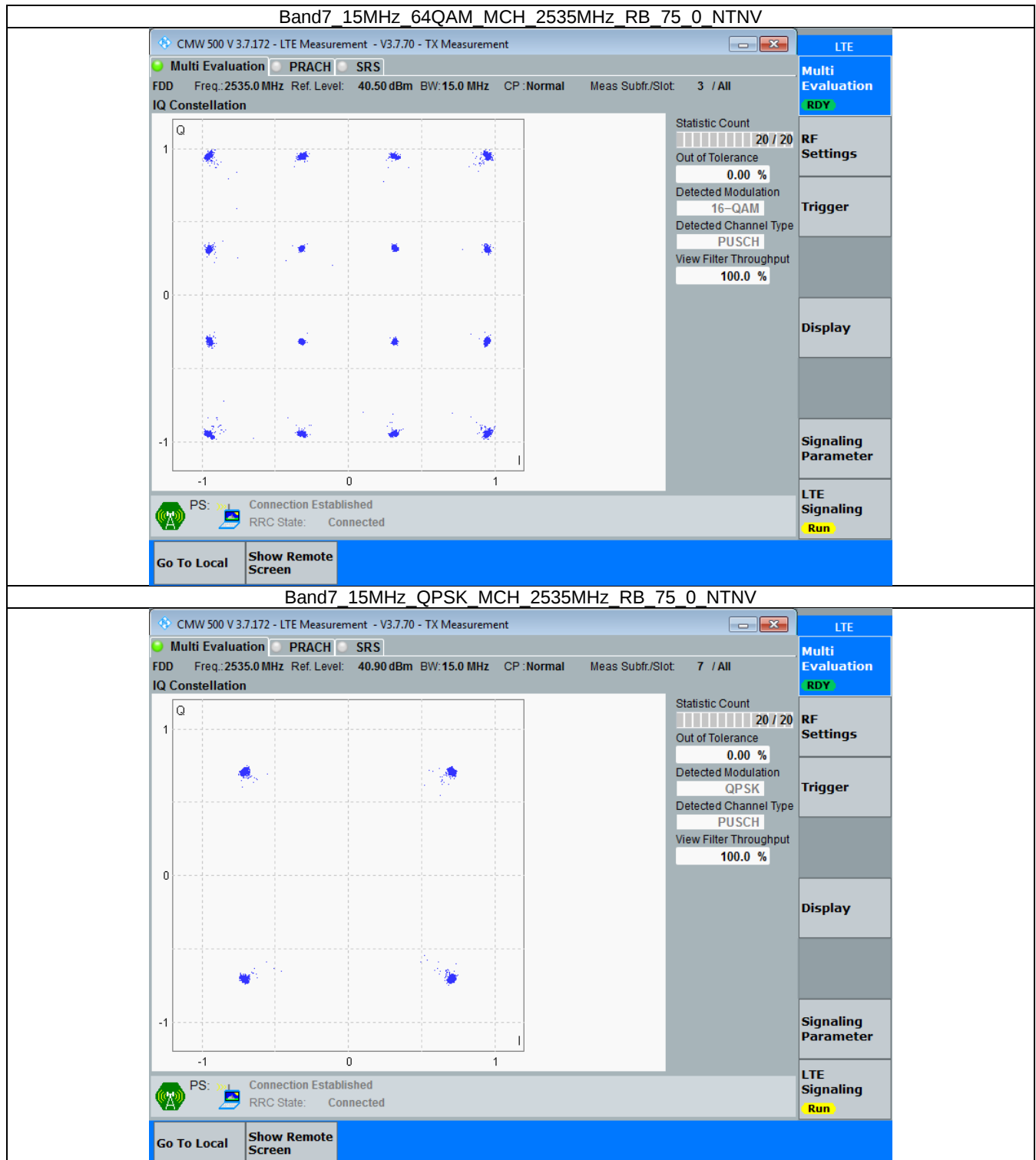
3.3 B7_15MHz

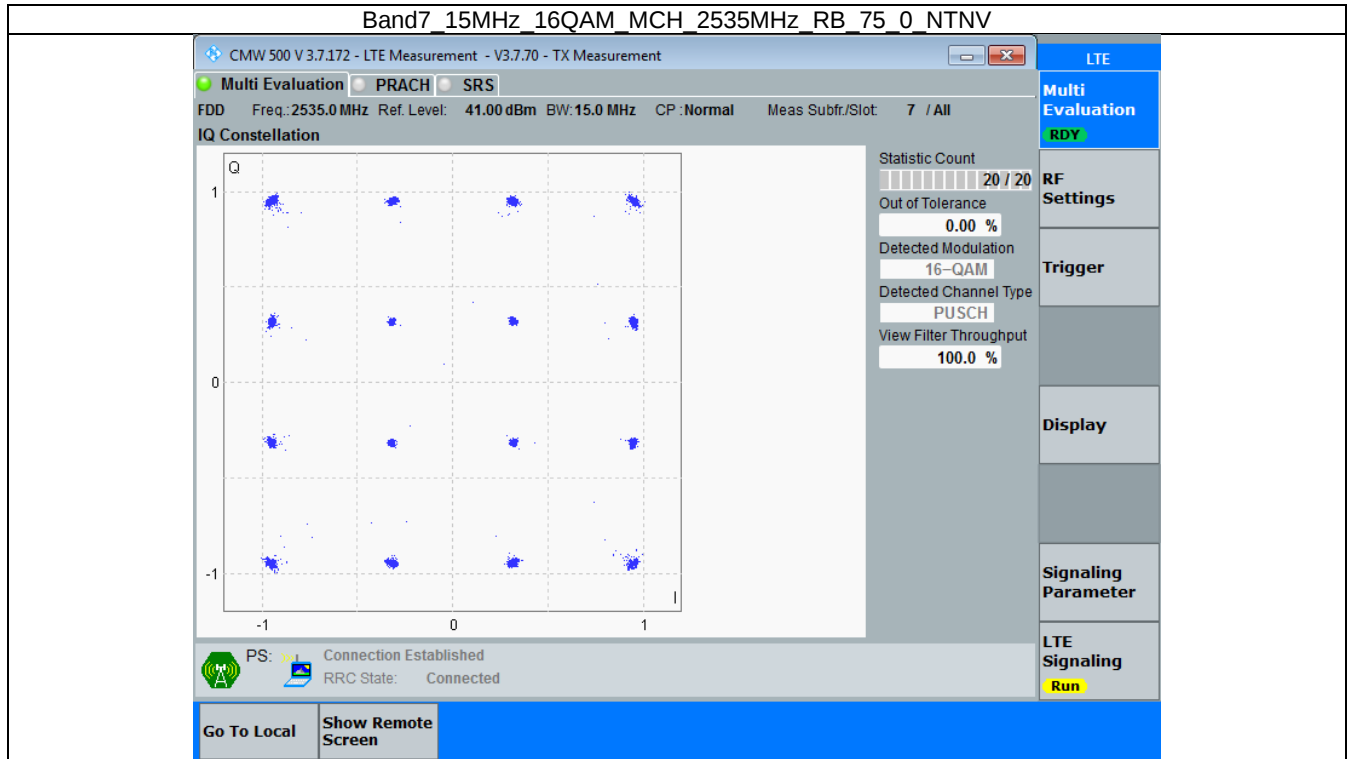
3.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	Verdict
		Size	Offset	Result	Limit
64QAM	2535	75	0	Refer To Test Graph	Pass
QPSK	2535	75	0	Refer To Test Graph	Pass
16QAM	2535	75	0	Refer To Test Graph	Pass



3.3.2 Test Graph







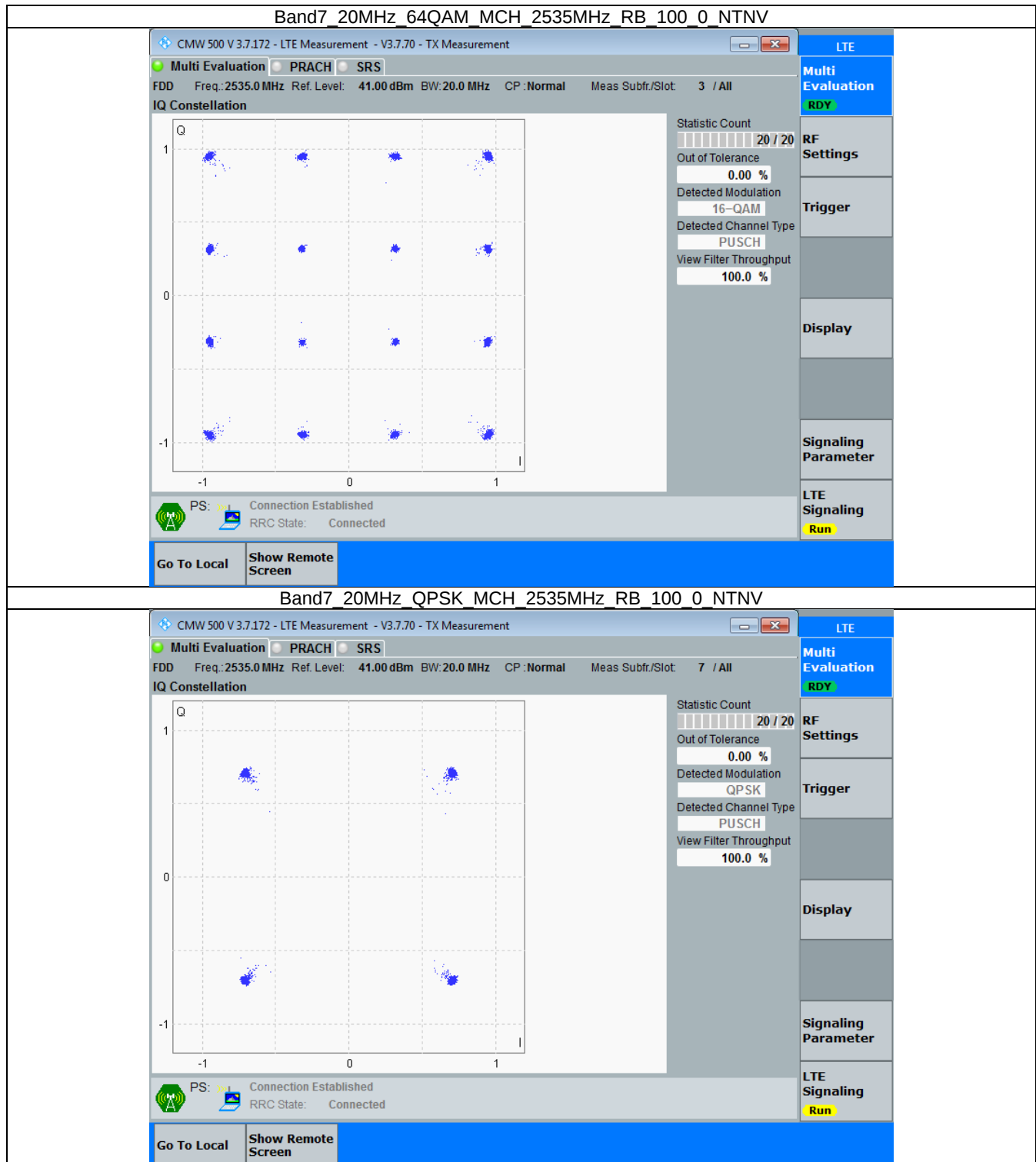
3.4 B7_20MHz

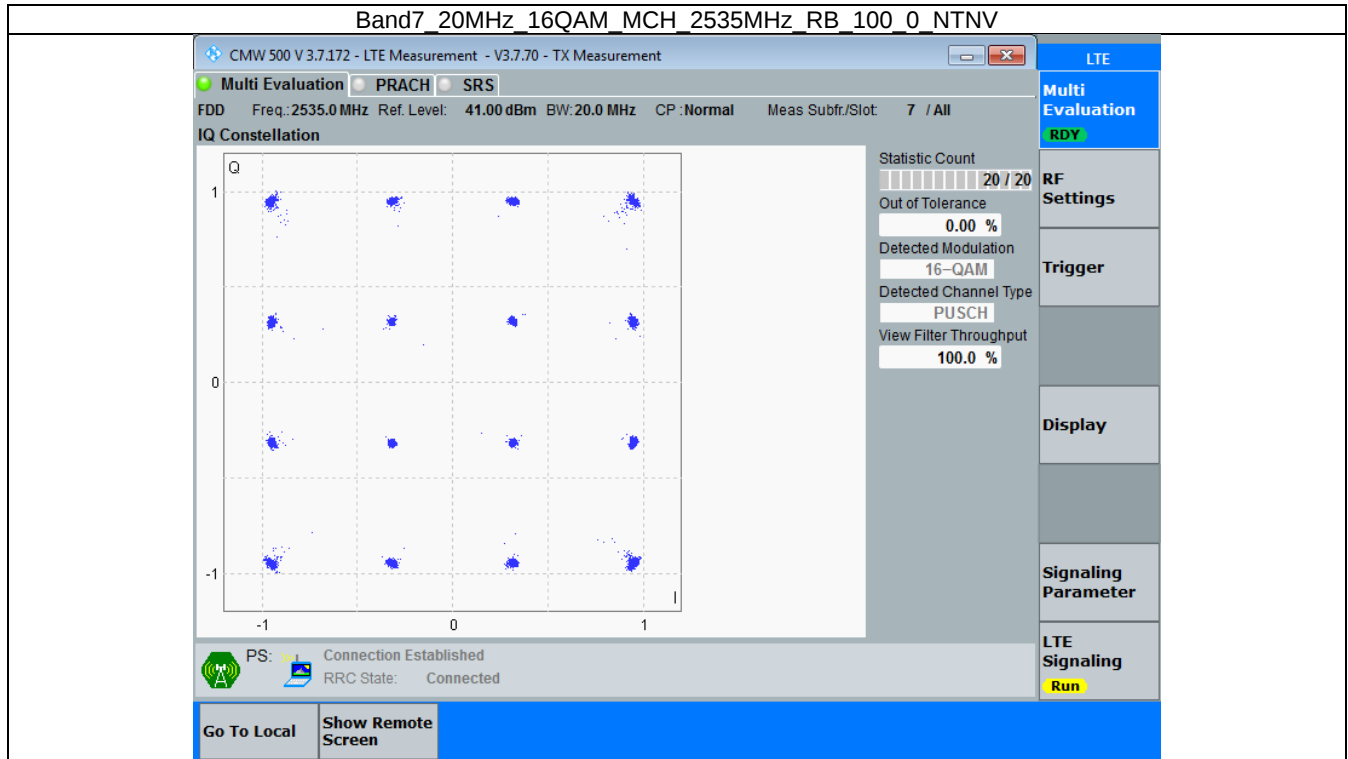
3.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	Verdict
		Size	Offset	Result	Limit
64QAM	2535	100	0	Refer To Test Graph	Pass
QPSK	2535	100	0	Refer To Test Graph	Pass
16QAM	2535	100	0	Refer To Test Graph	Pass



3.4.2 Test Graph







4. 99% & 26dB Bandwidth

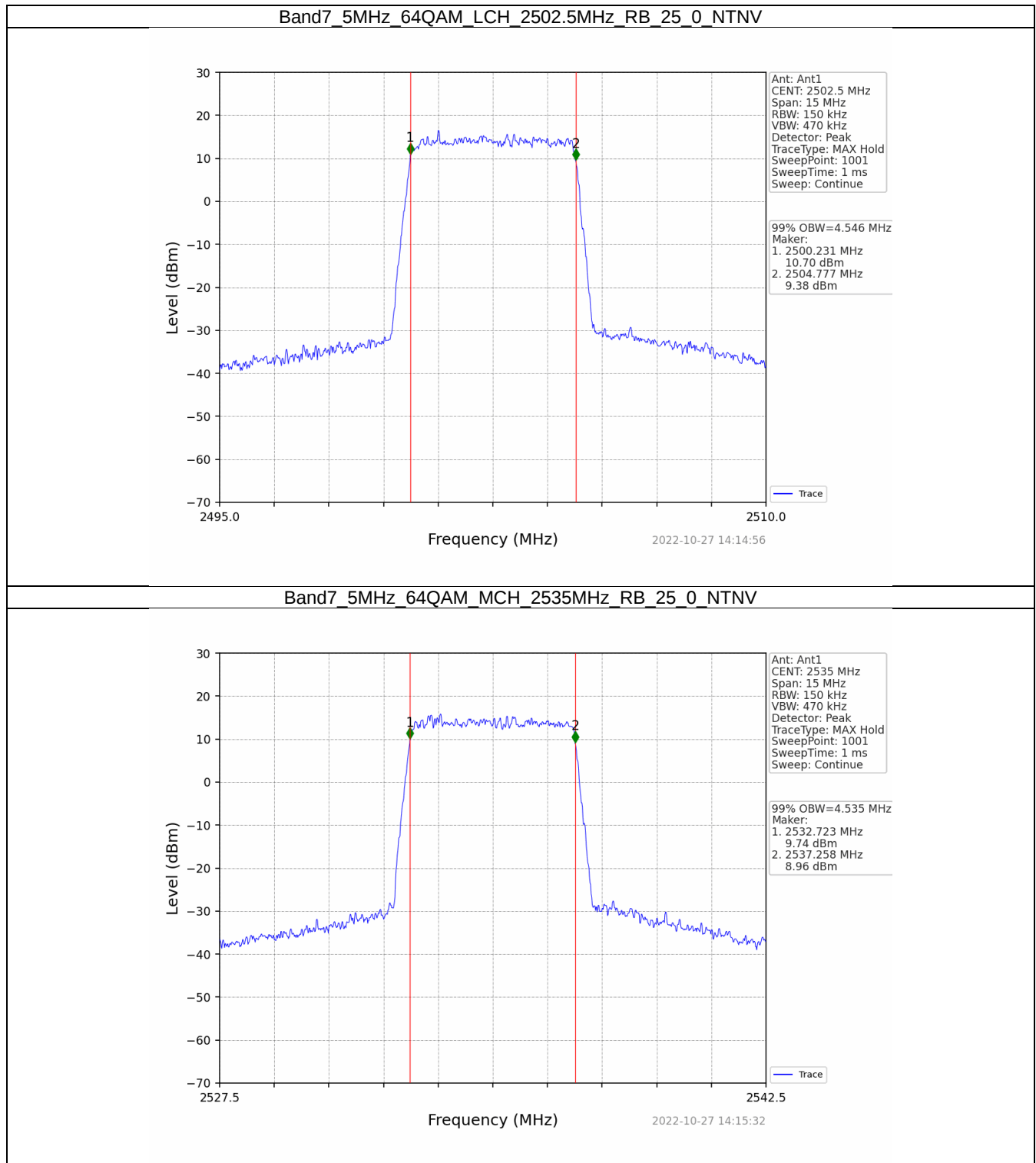
4.1 Band7_OBW

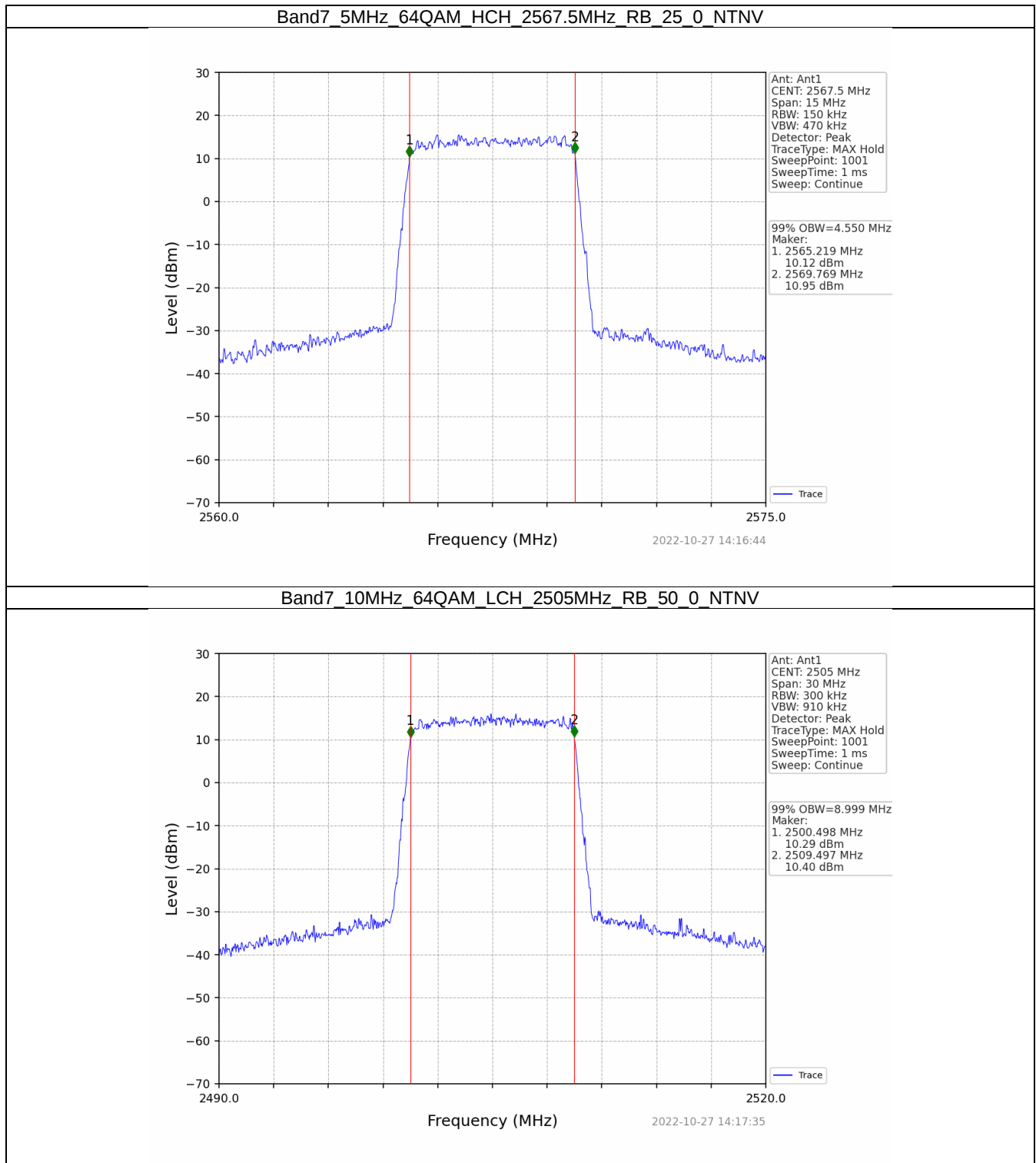
4.1.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	64QAM	2502.5	25	0	4.546	Pass
		2535	25	0	4.535	Pass
		2567.5	25	0	4.550	Pass
10	64QAM	2505	50	0	8.999	Pass
		2535	50	0	9.038	Pass
		2565	50	0	9.012	Pass
15	64QAM	2507.5	75	0	13.495	Pass
		2535	75	0	13.578	Pass
		2562.5	75	0	13.536	Pass
20	64QAM	2510	100	0	17.963	Pass
		2535	100	0	18.039	Pass
		2560	100	0	18.041	Pass
5	QPSK	2502.5	25	0	4.565	Pass
		2535	25	0	4.539	Pass
		2567.5	25	0	4.559	Pass
	16QAM	2502.5	25	0	4.532	Pass
		2535	25	0	4.549	Pass
		2567.5	25	0	4.534	Pass
10	QPSK	2505	50	0	9.029	Pass
		2535	50	0	9.016	Pass
		2565	50	0	9.012	Pass
	16QAM	2505	50	0	9.052	Pass
		2535	50	0	9.030	Pass
		2565	50	0	9.072	Pass
15	QPSK	2507.5	75	0	13.558	Pass
		2535	75	0	13.537	Pass
		2562.5	75	0	13.523	Pass
	16QAM	2507.5	75	0	13.514	Pass
		2535	75	0	13.541	Pass
		2562.5	75	0	13.548	Pass
20	QPSK	2510	100	0	18.012	Pass
		2535	100	0	18.035	Pass
		2560	100	0	18.041	Pass
	16QAM	2510	100	0	18.084	Pass
		2535	100	0	18.079	Pass
		2560	100	0	18.048	Pass



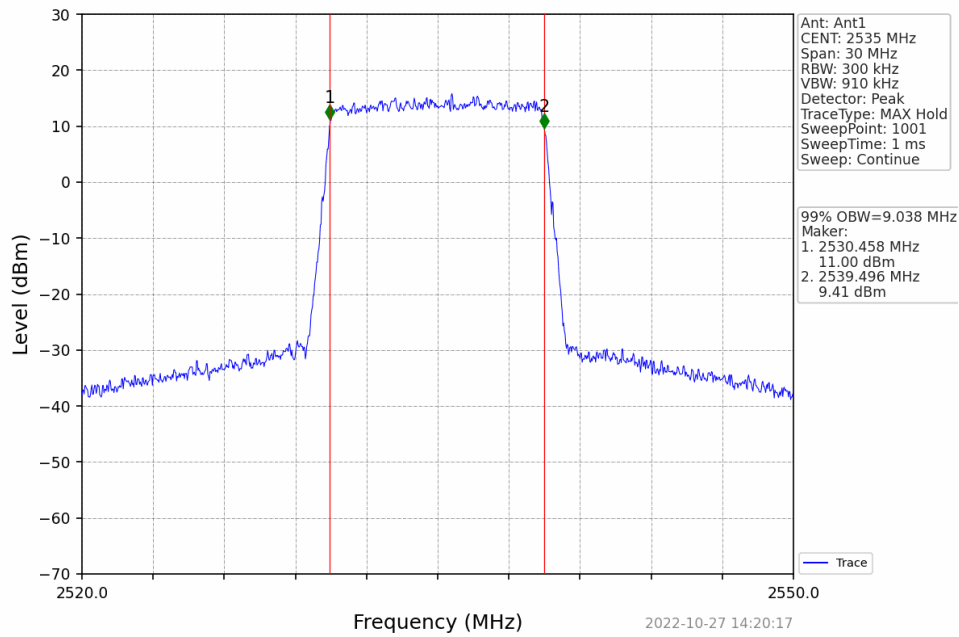
4.1.2 Test Graph



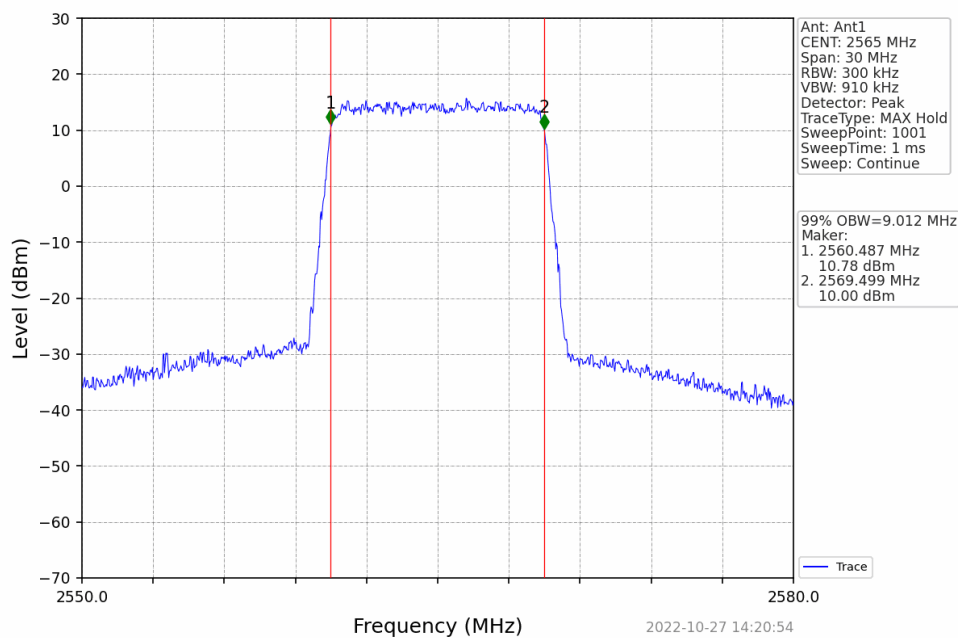




Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV

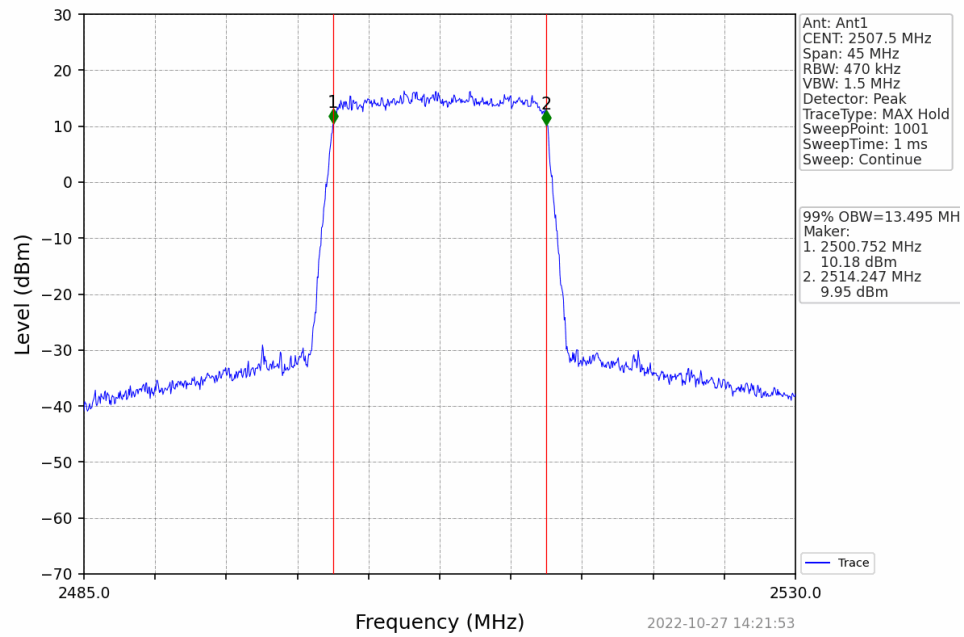


Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV

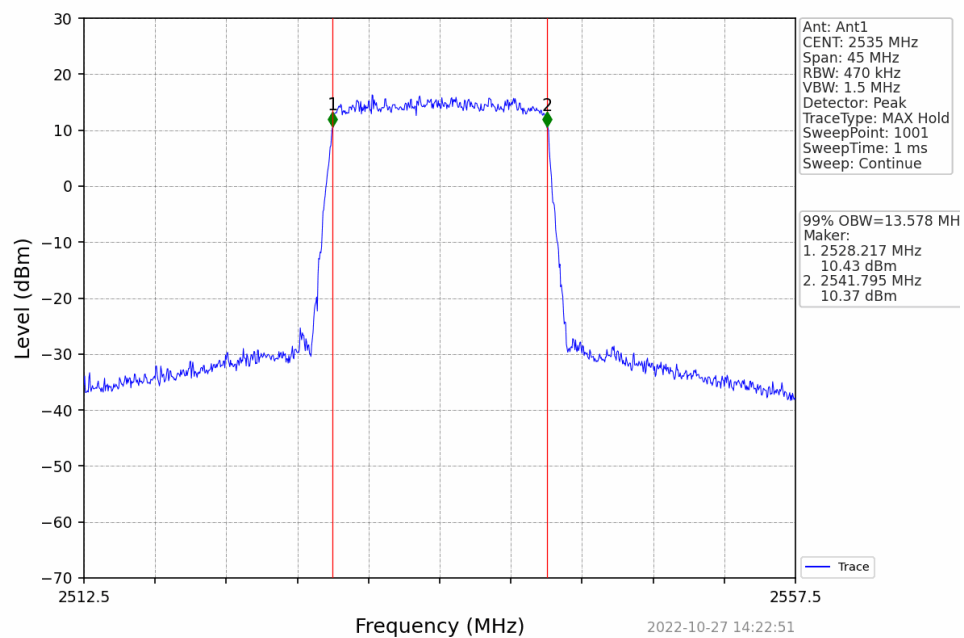




Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV

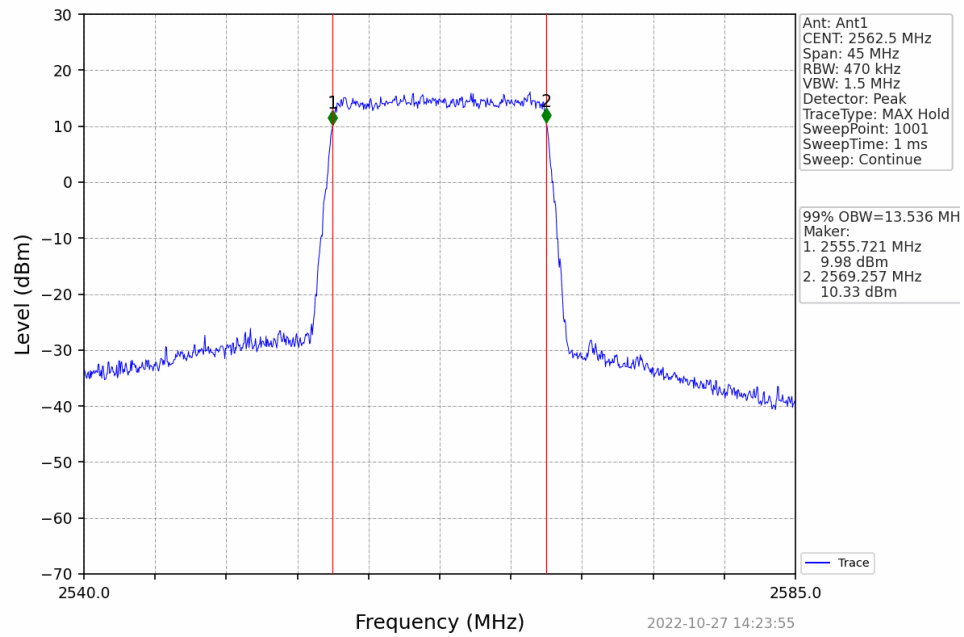


Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV

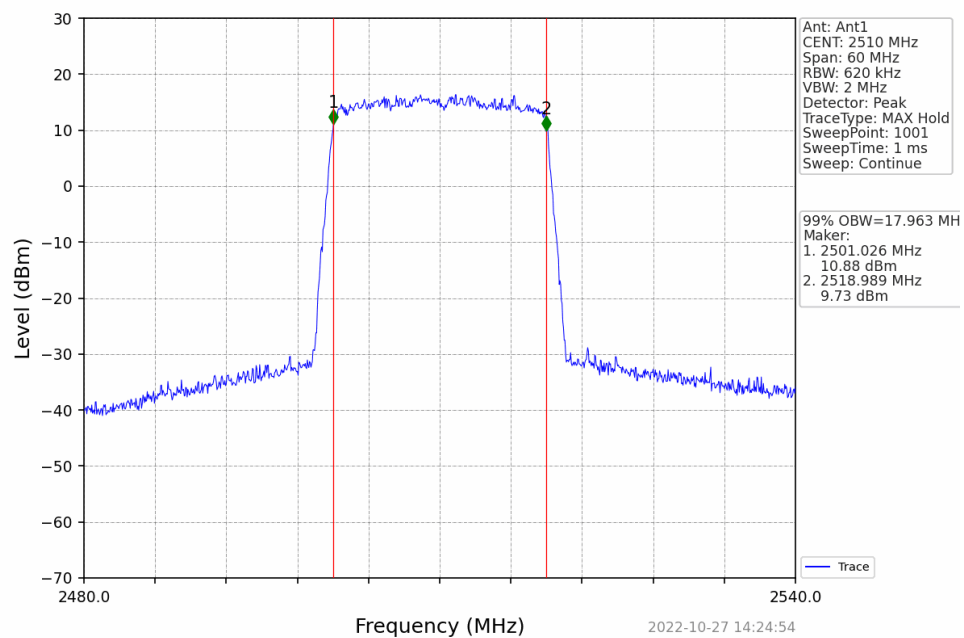




Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV

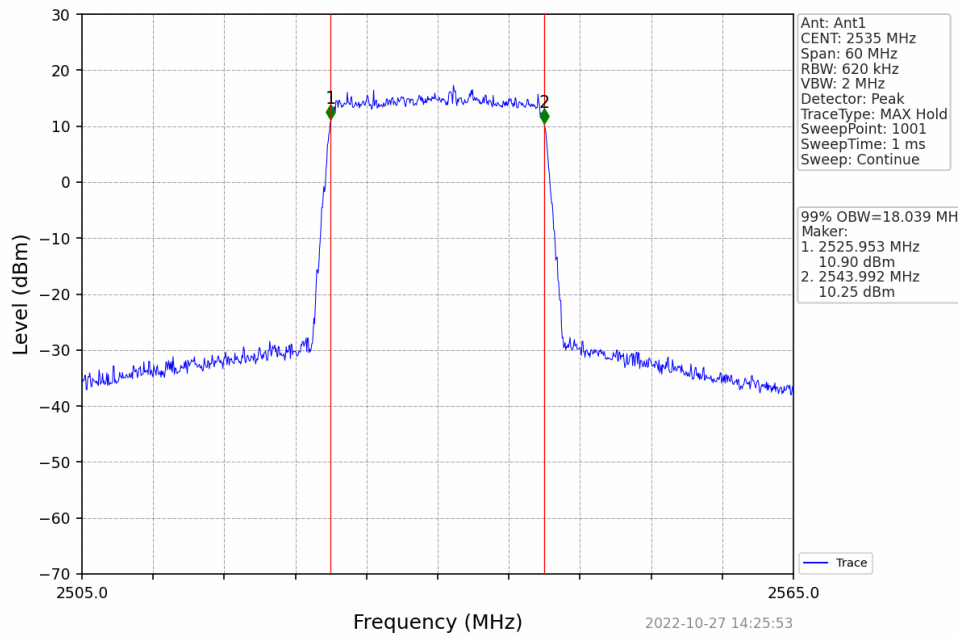


Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV

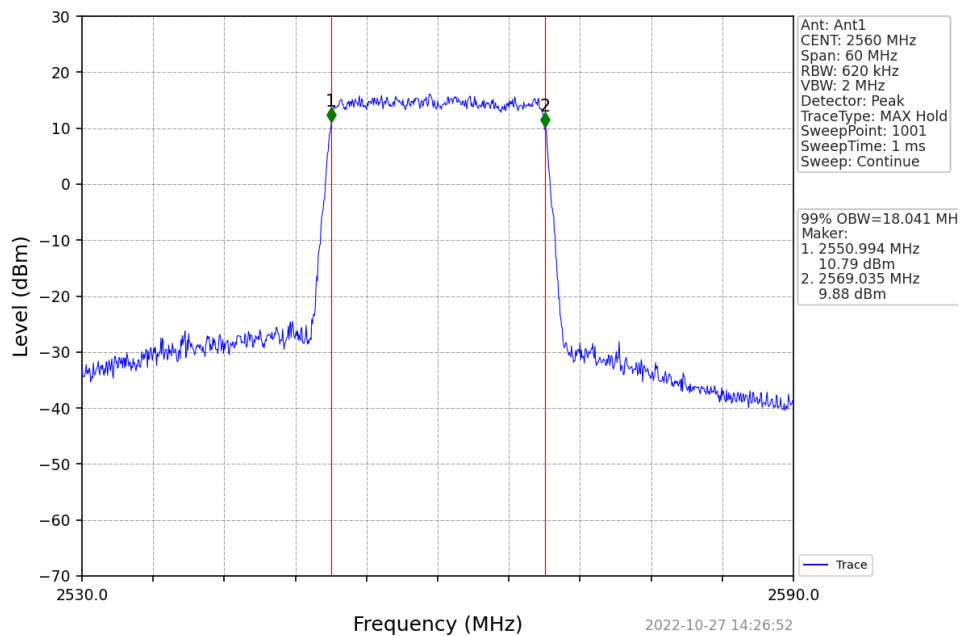




Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

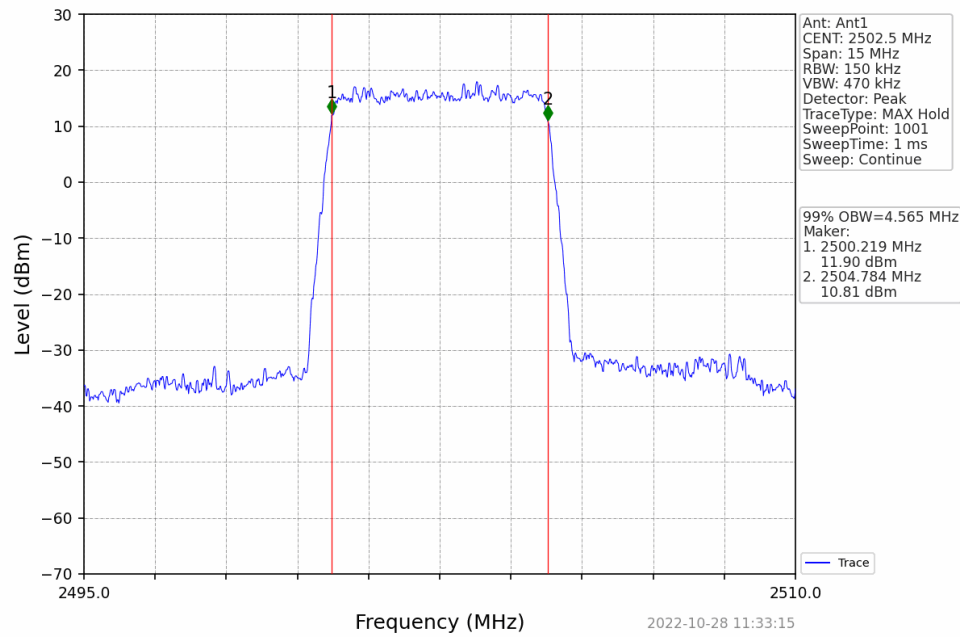


Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV

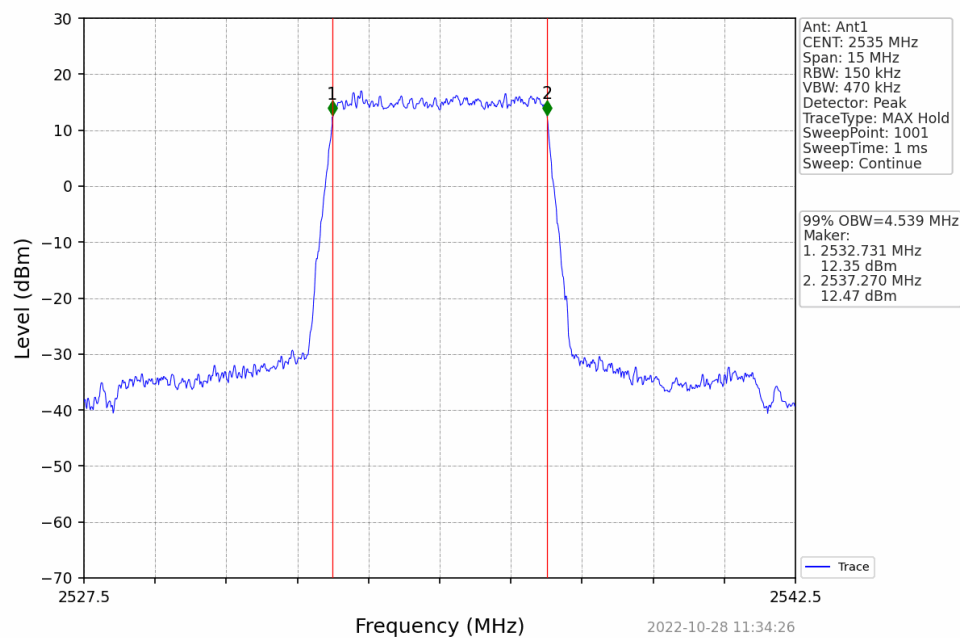




Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

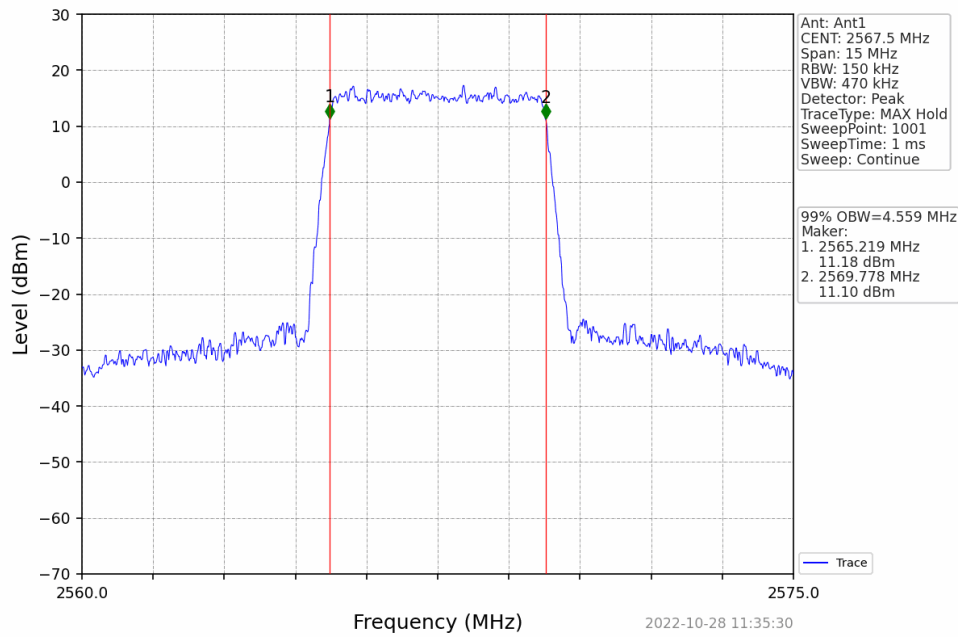


Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

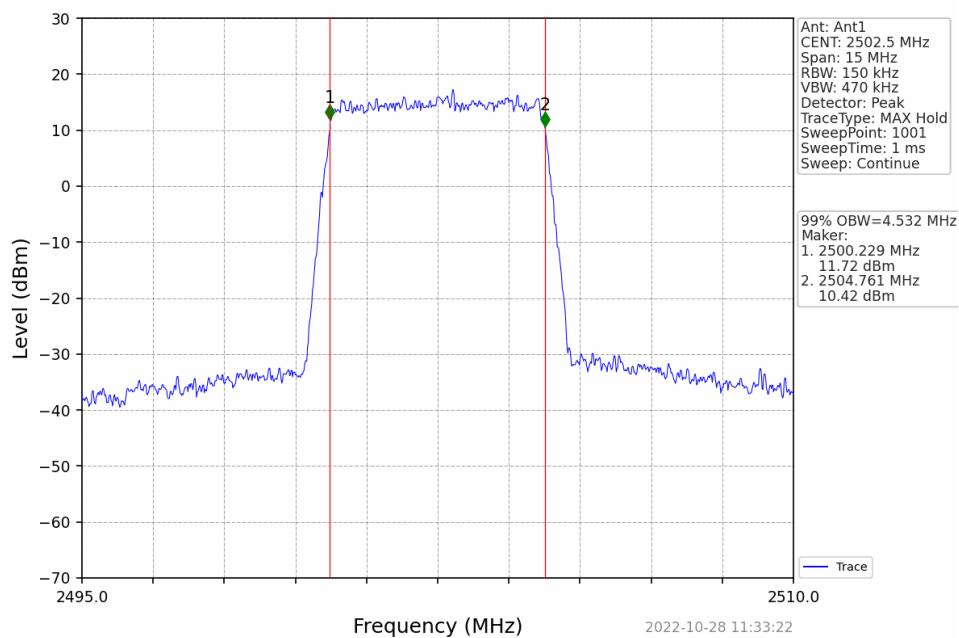




Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

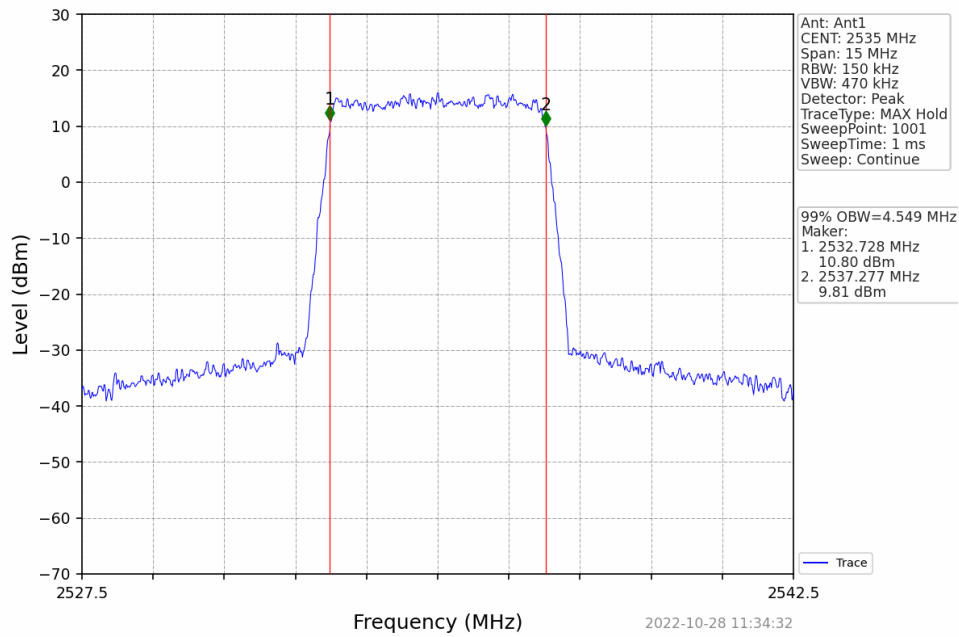


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

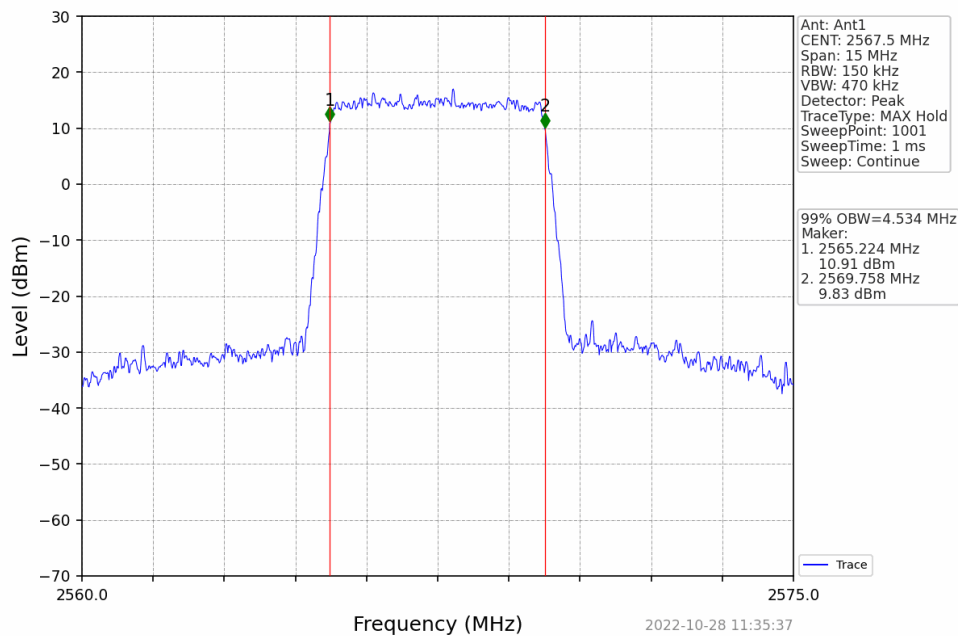




Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

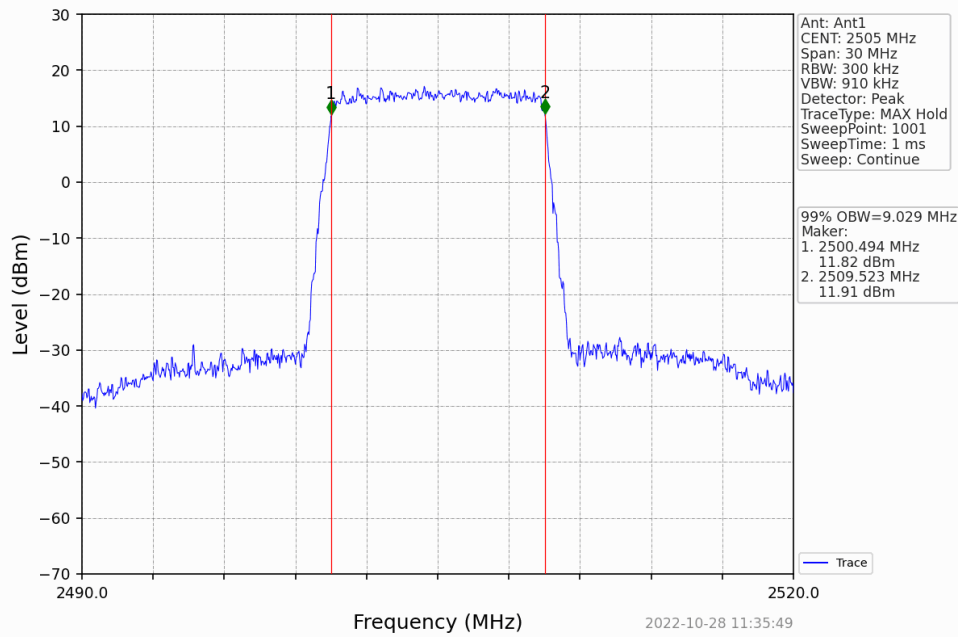


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

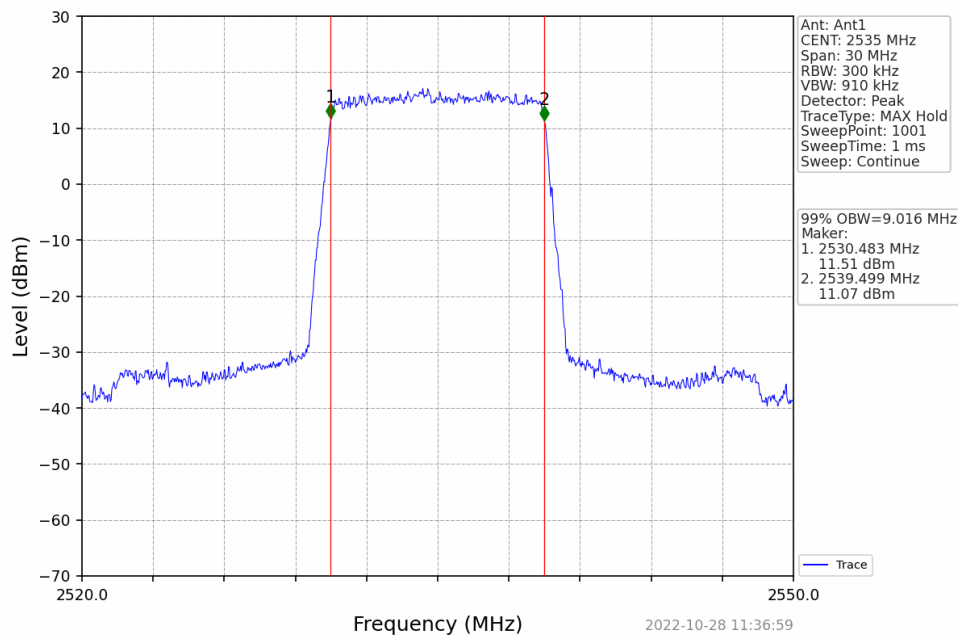




Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

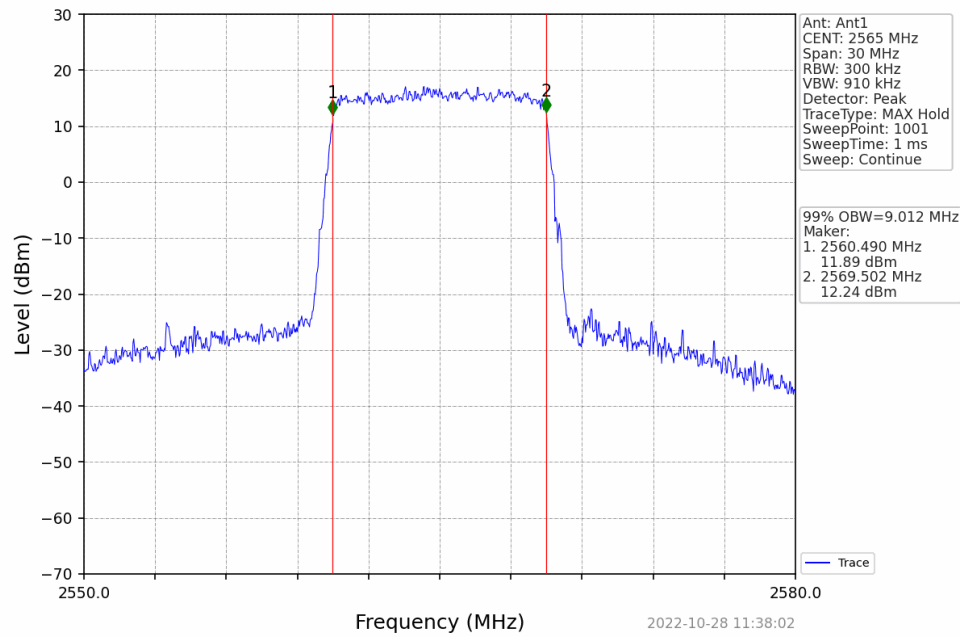


Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

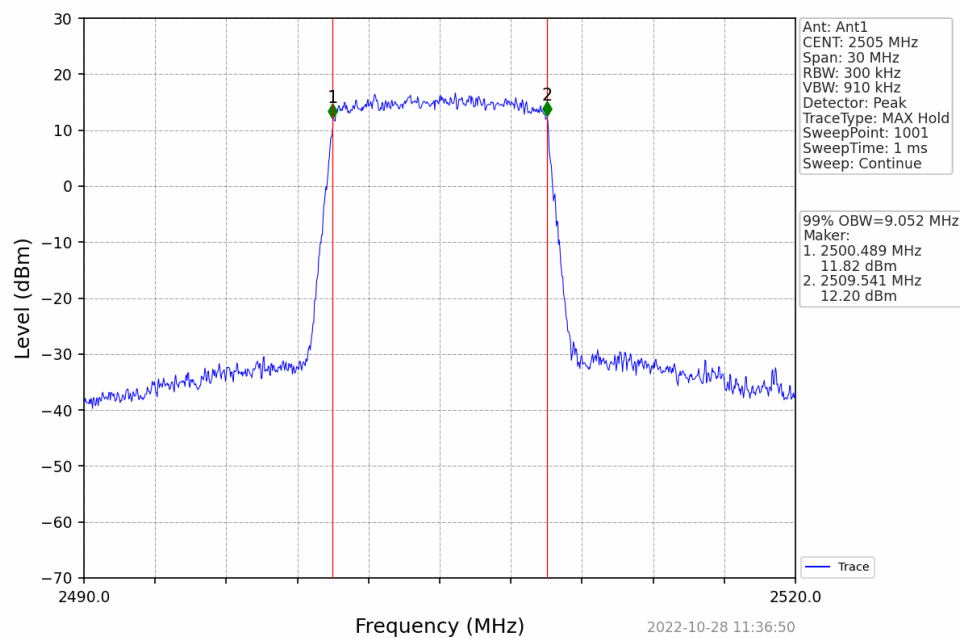




Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

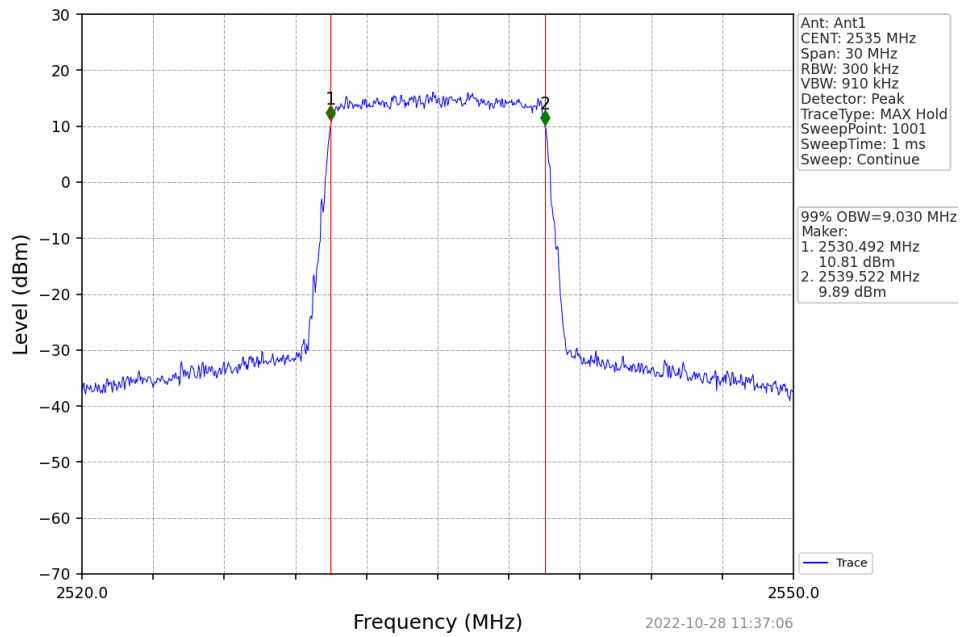


Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

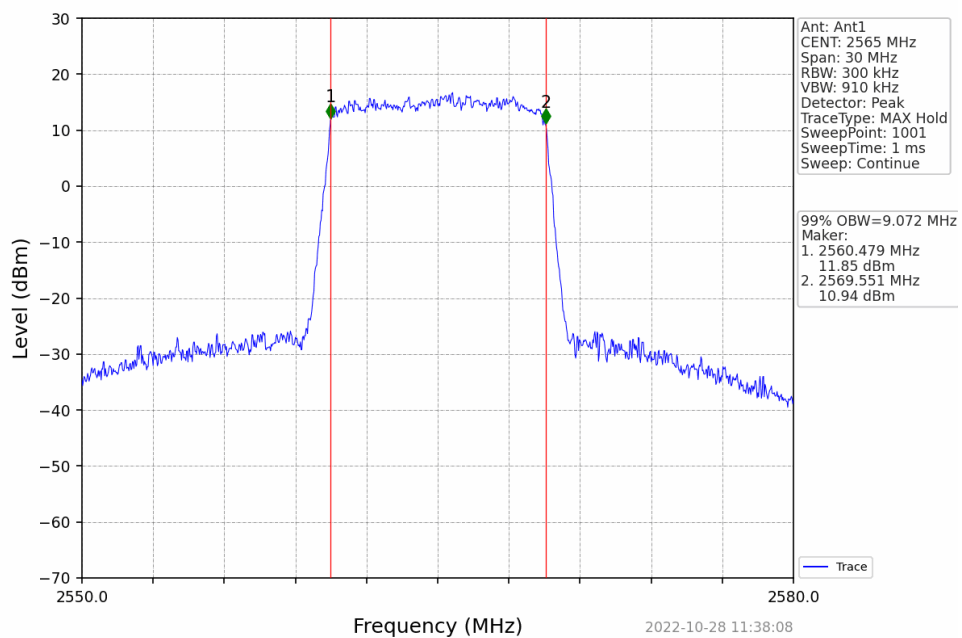




Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

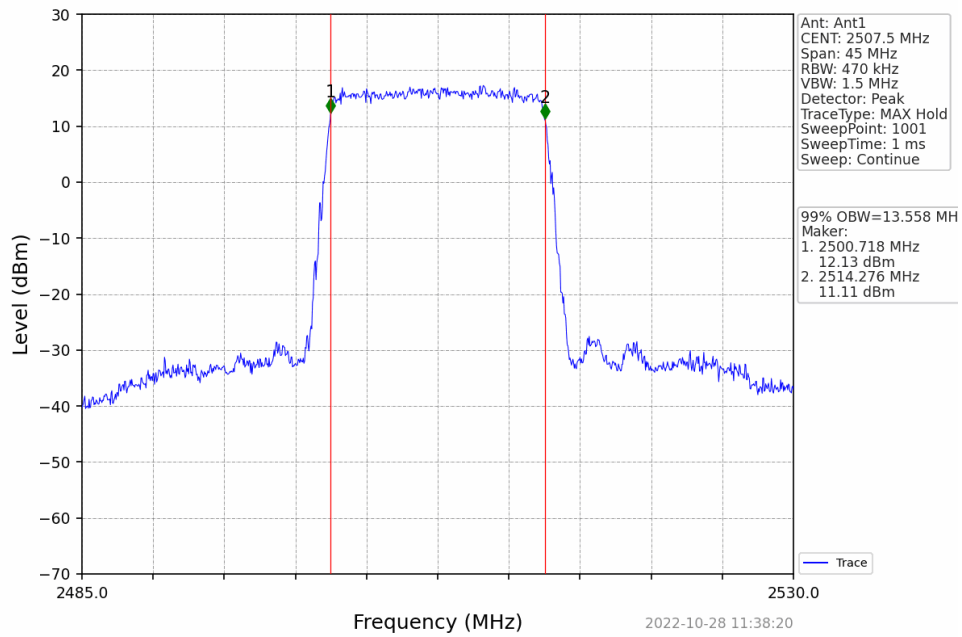


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

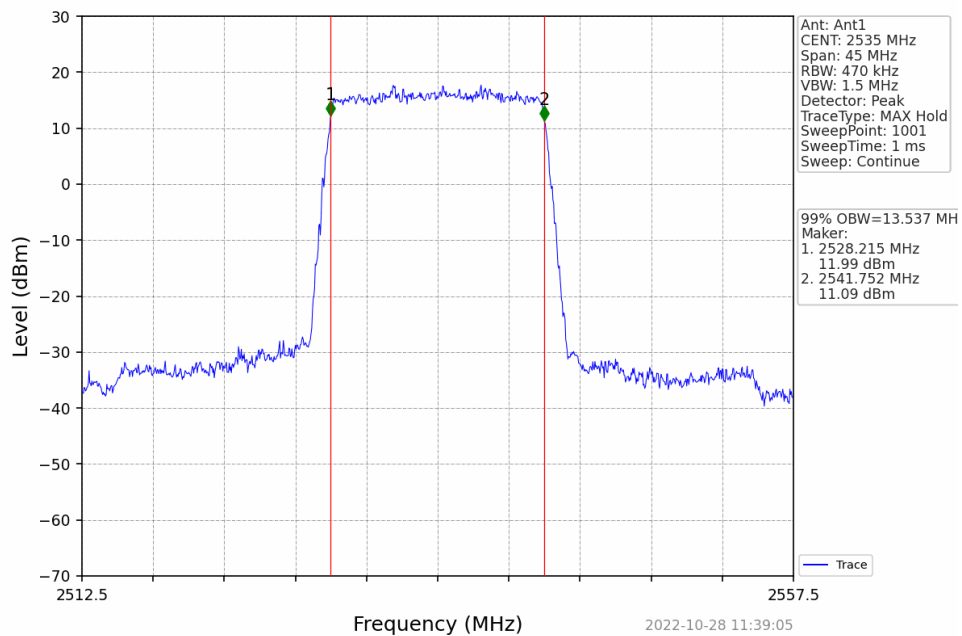




Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

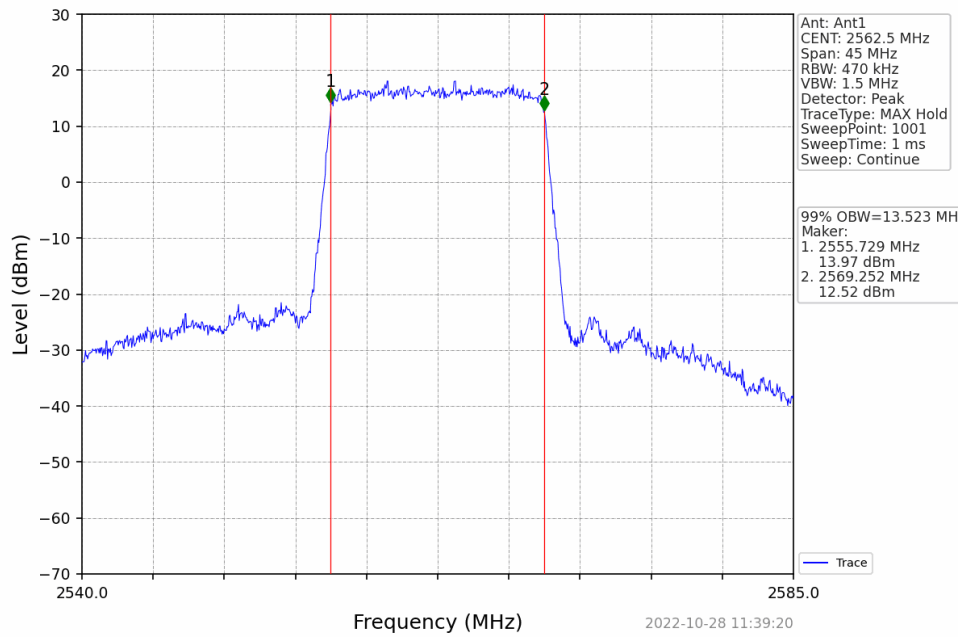


Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

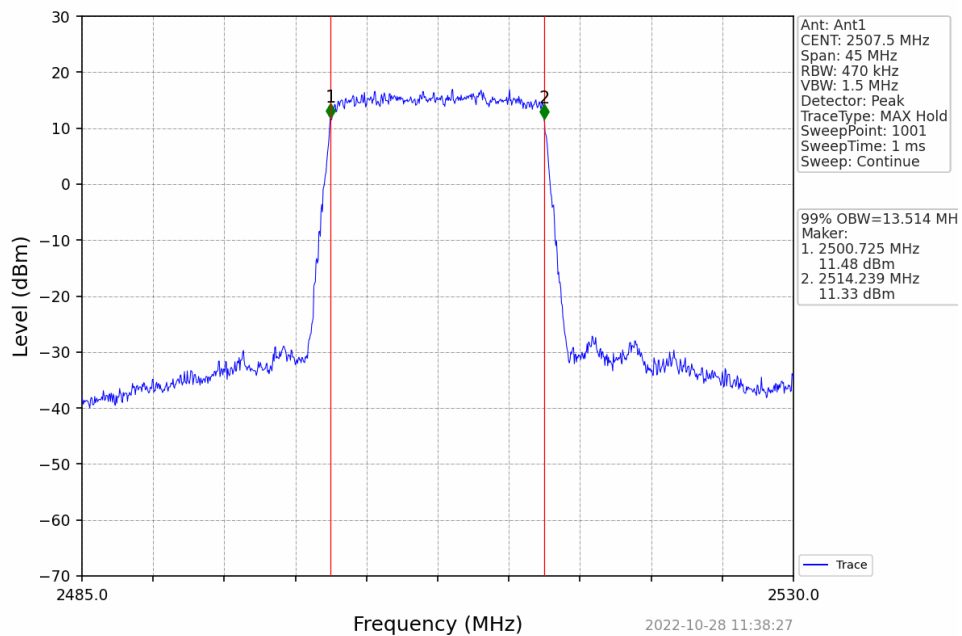




Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

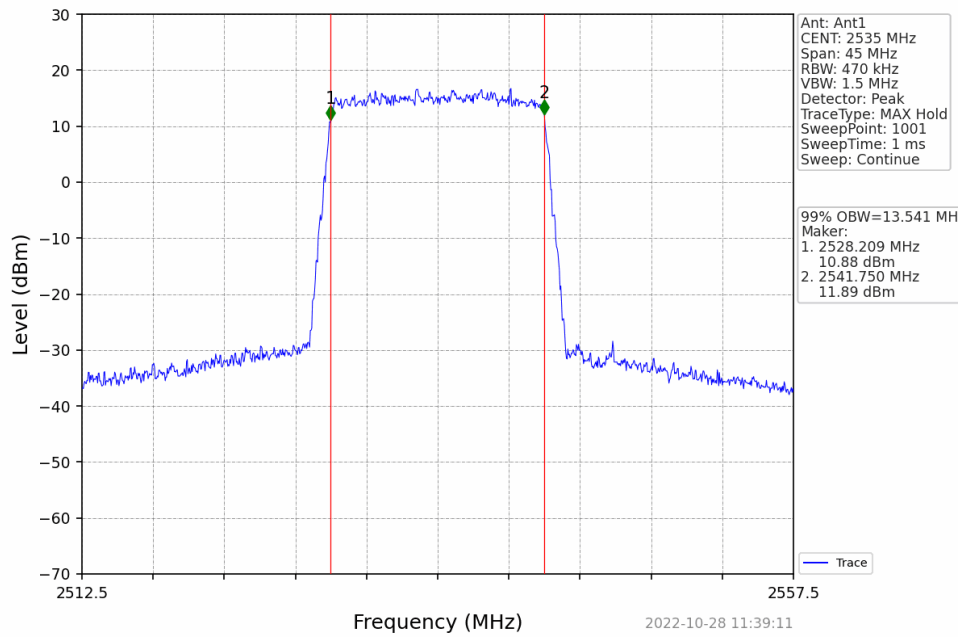


Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV

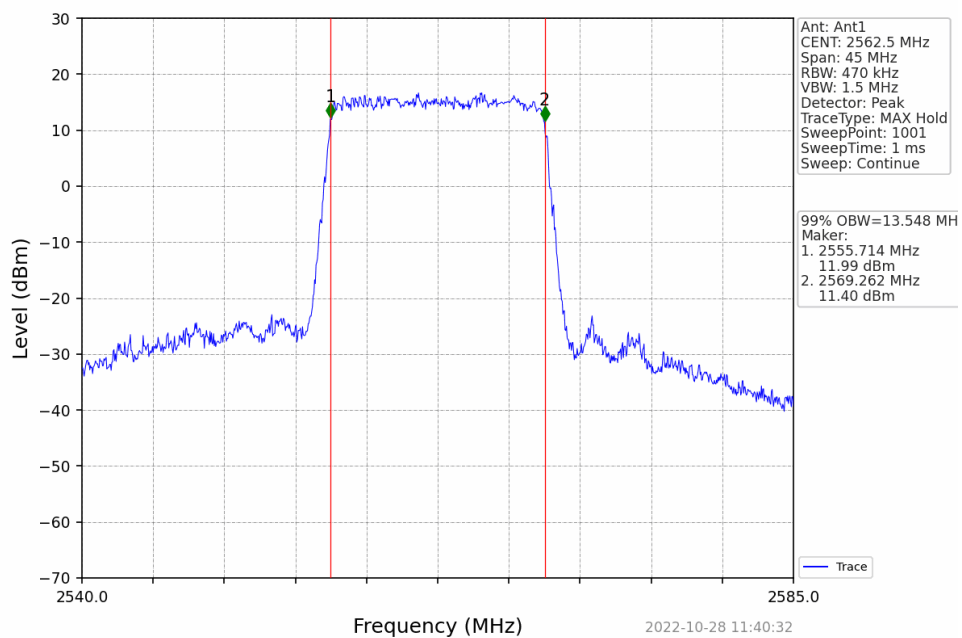




Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

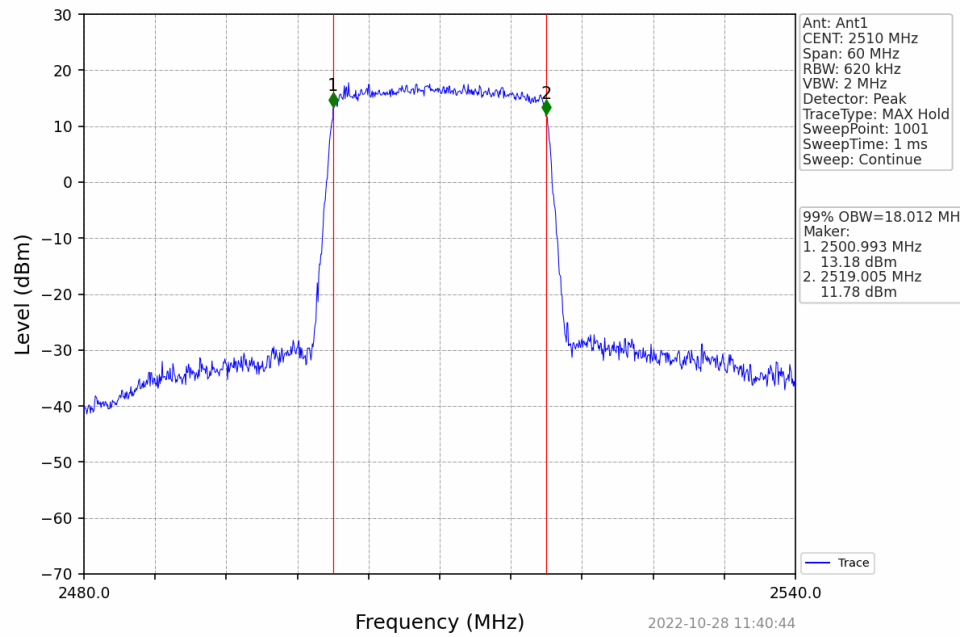


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

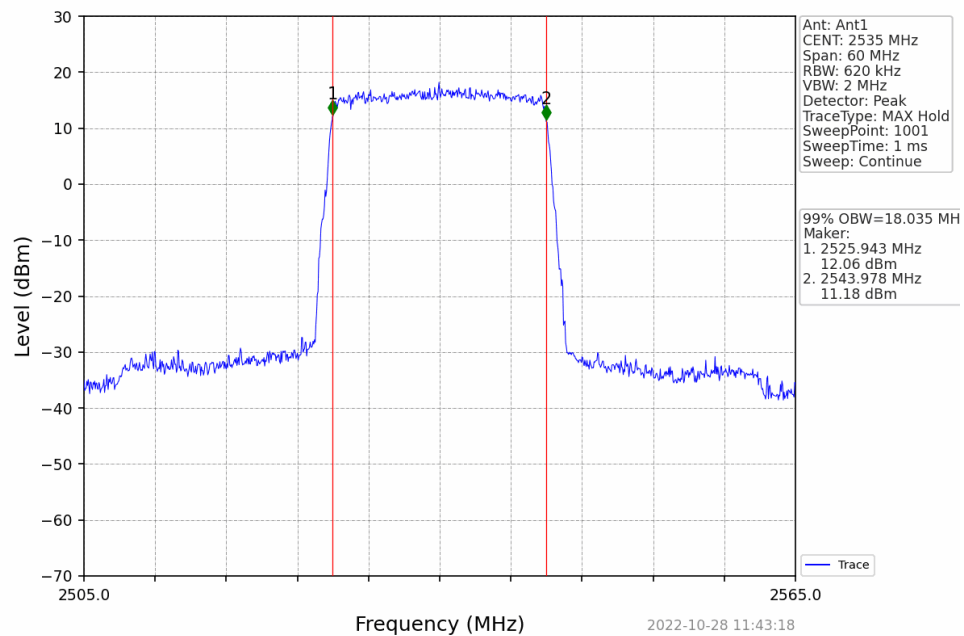




Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

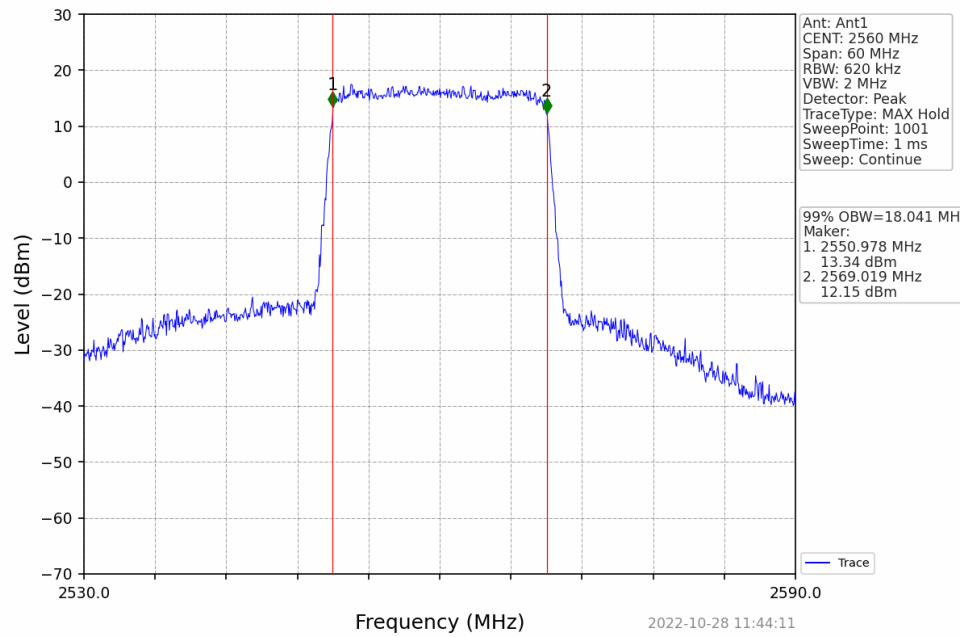


Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

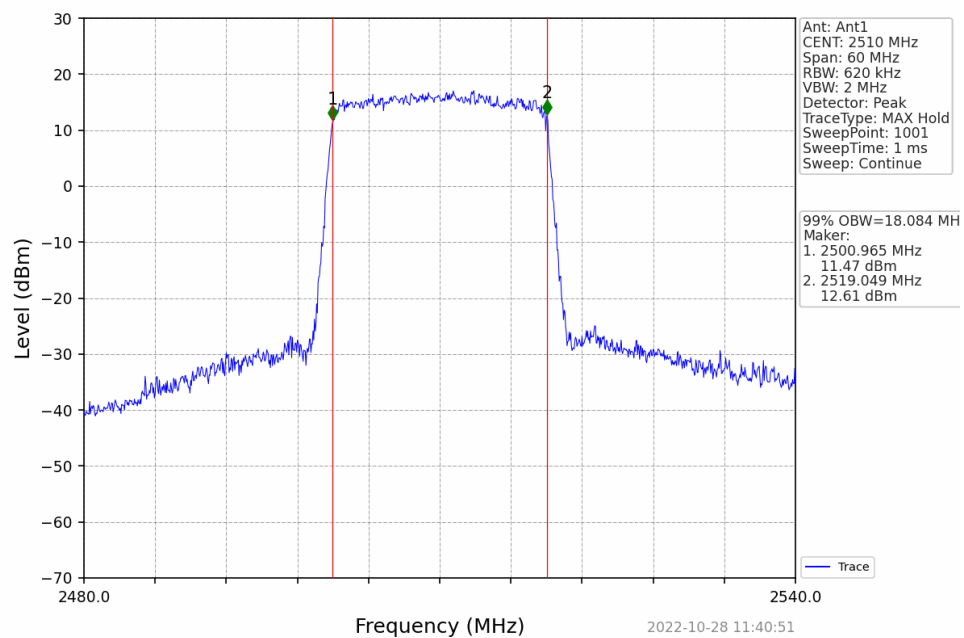




Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV

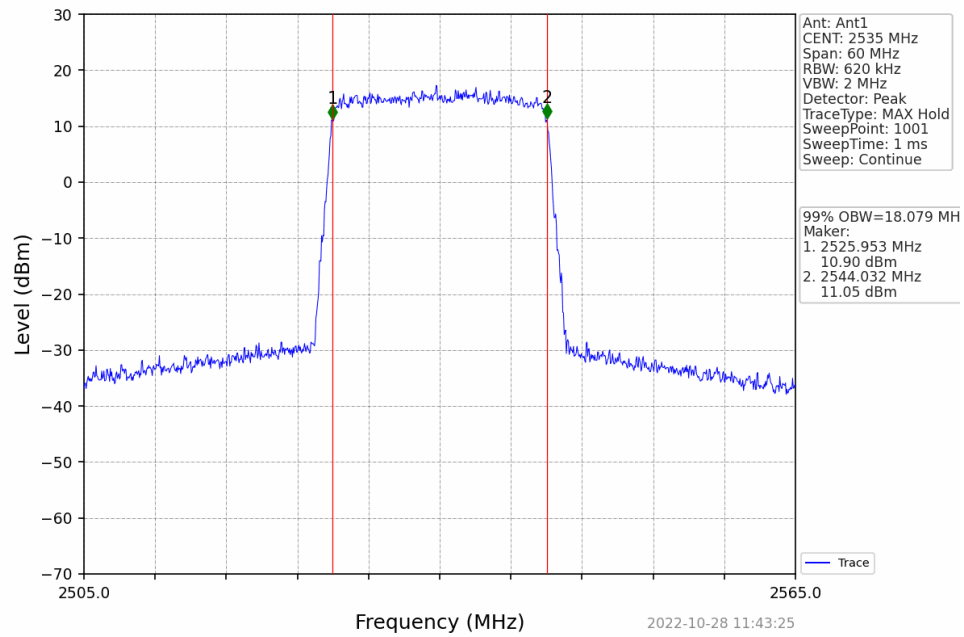


Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV

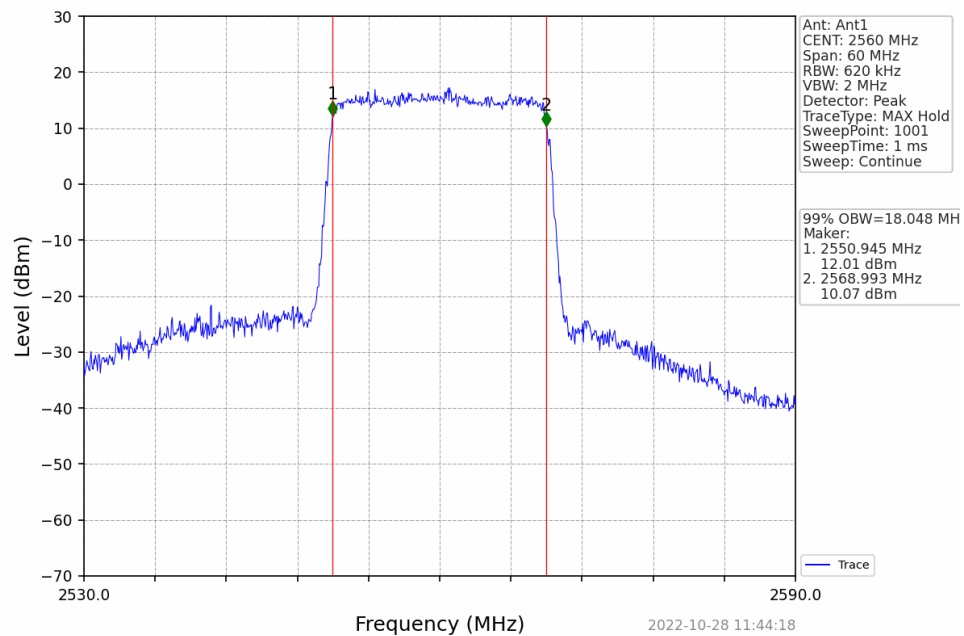




Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV





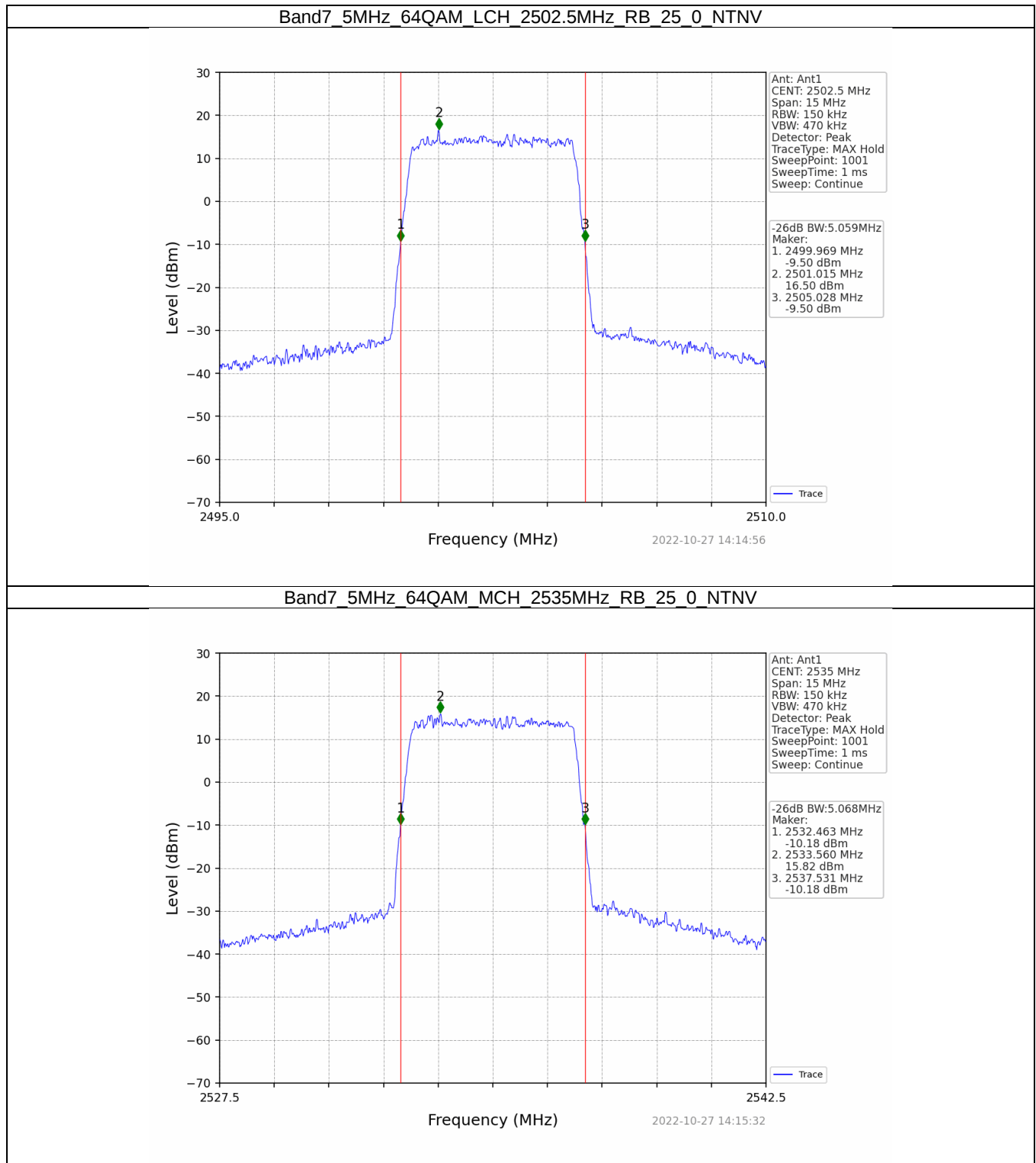
4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	64QAM	2502.5	25	0	5.059	Pass
		2535	25	0	5.068	Pass
		2567.5	25	0	5.054	Pass
10	64QAM	2505	50	0	9.944	Pass
		2535	50	0	9.991	Pass
		2565	50	0	9.992	Pass
15	64QAM	2507.5	75	0	14.944	Pass
		2535	75	0	14.876	Pass
		2562.5	75	0	14.936	Pass
20	64QAM	2510	100	0	19.750	Pass
		2535	100	0	19.704	Pass
		2560	100	0	19.802	Pass
5	QPSK	2502.5	25	0	5.080	Pass
		2535	25	0	5.045	Pass
		2567.5	25	0	5.063	Pass
	16QAM	2502.5	25	0	5.034	Pass
		2535	25	0	5.094	Pass
		2567.5	25	0	5.046	Pass
10	QPSK	2505	50	0	10.115	Pass
		2535	50	0	9.956	Pass
		2565	50	0	10.156	Pass
	16QAM	2505	50	0	9.999	Pass
		2535	50	0	9.912	Pass
		2565	50	0	9.996	Pass
15	QPSK	2507.5	75	0	14.999	Pass
		2535	75	0	15.026	Pass
		2562.5	75	0	14.845	Pass
	16QAM	2507.5	75	0	14.939	Pass
		2535	75	0	14.998	Pass
		2562.5	75	0	15.000	Pass
20	QPSK	2510	100	0	19.665	Pass
		2535	100	0	19.859	Pass
		2560	100	0	19.752	Pass
	16QAM	2510	100	0	19.698	Pass
		2535	100	0	19.635	Pass
		2560	100	0	19.761	Pass

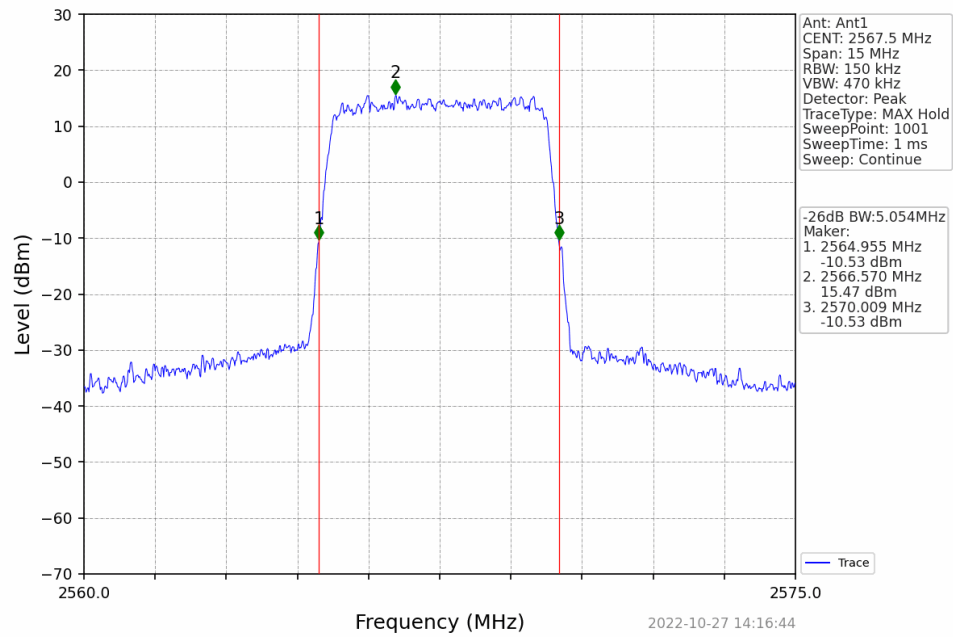


4.2.2 Test Graph

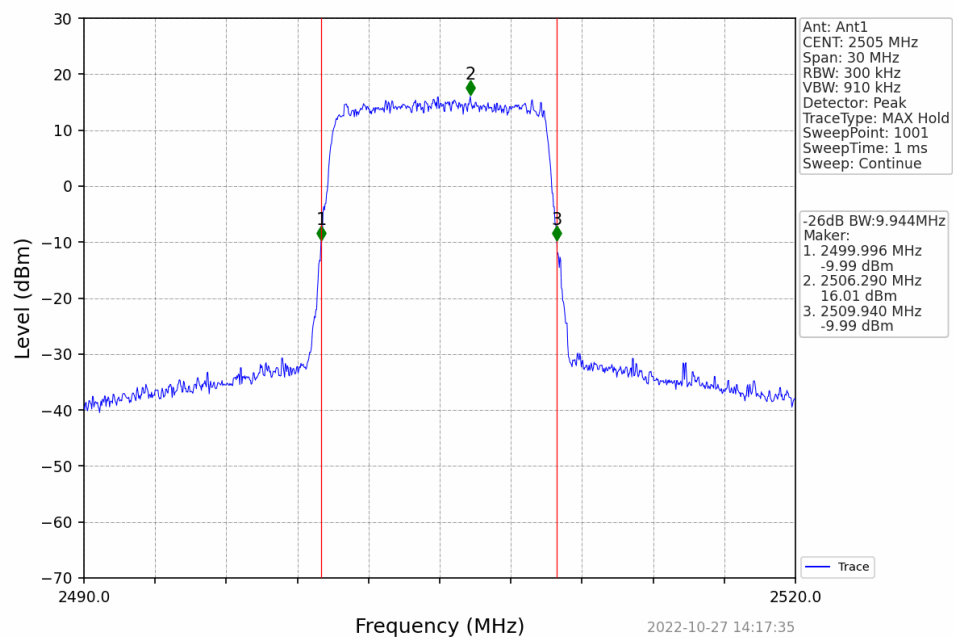




Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV

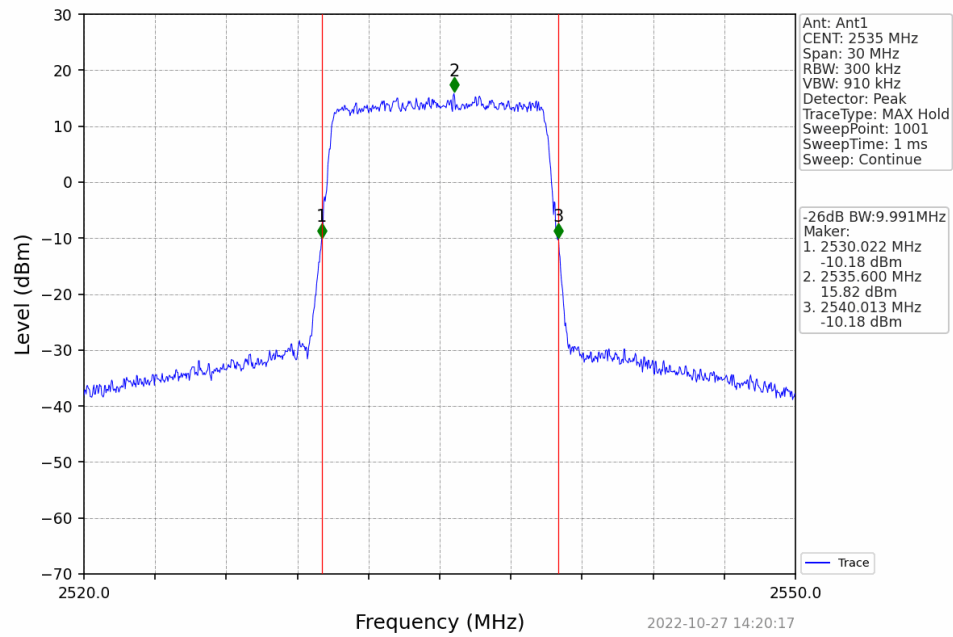


Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV

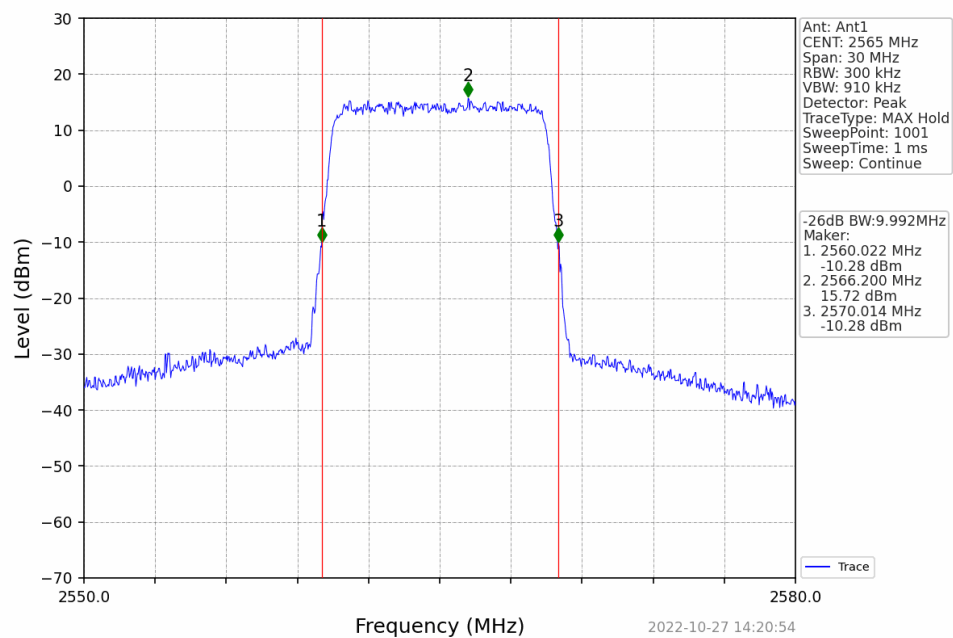




Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV

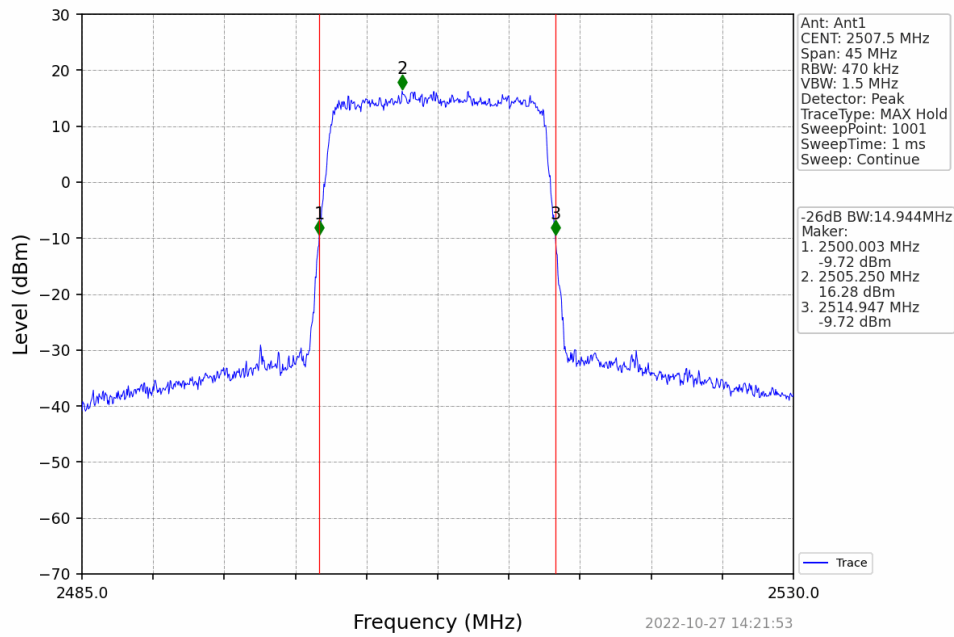


Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV

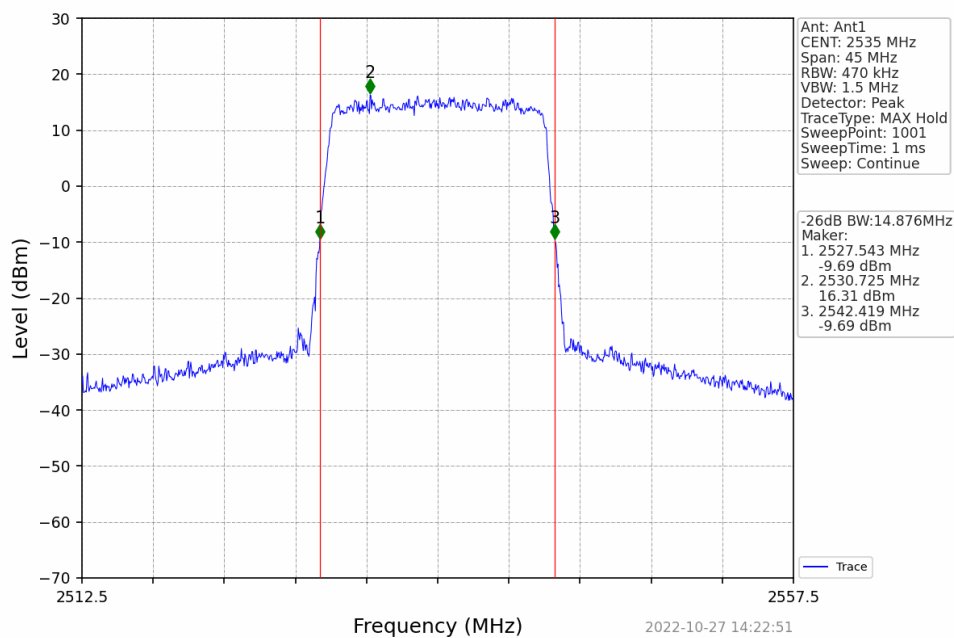




Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV

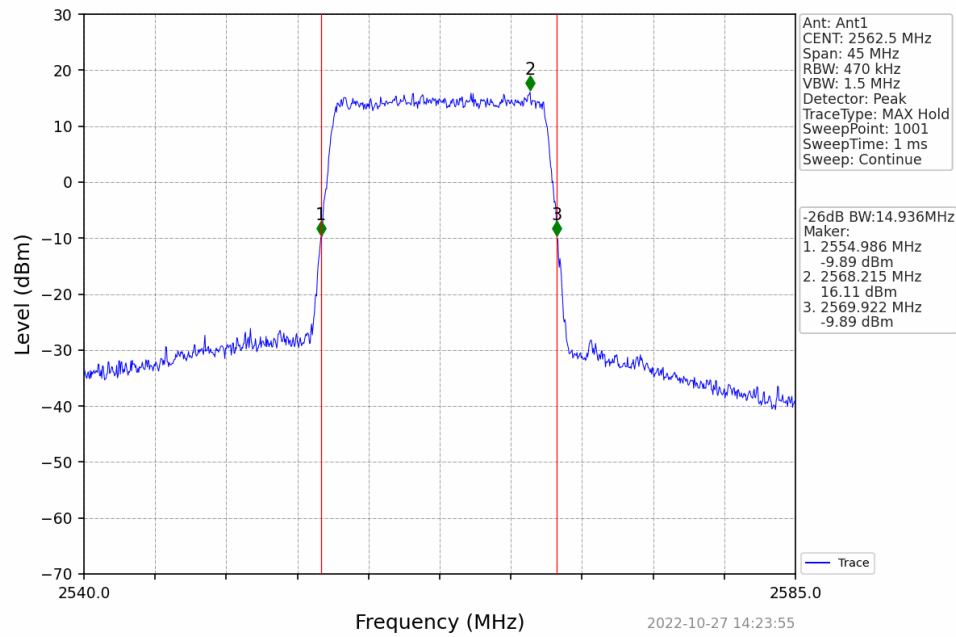


Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV

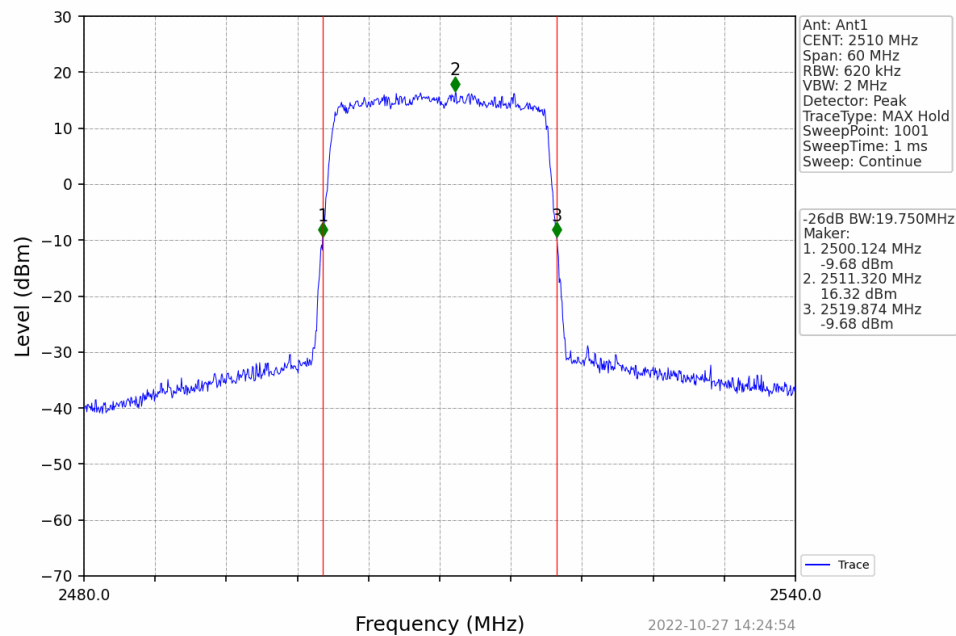




Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV

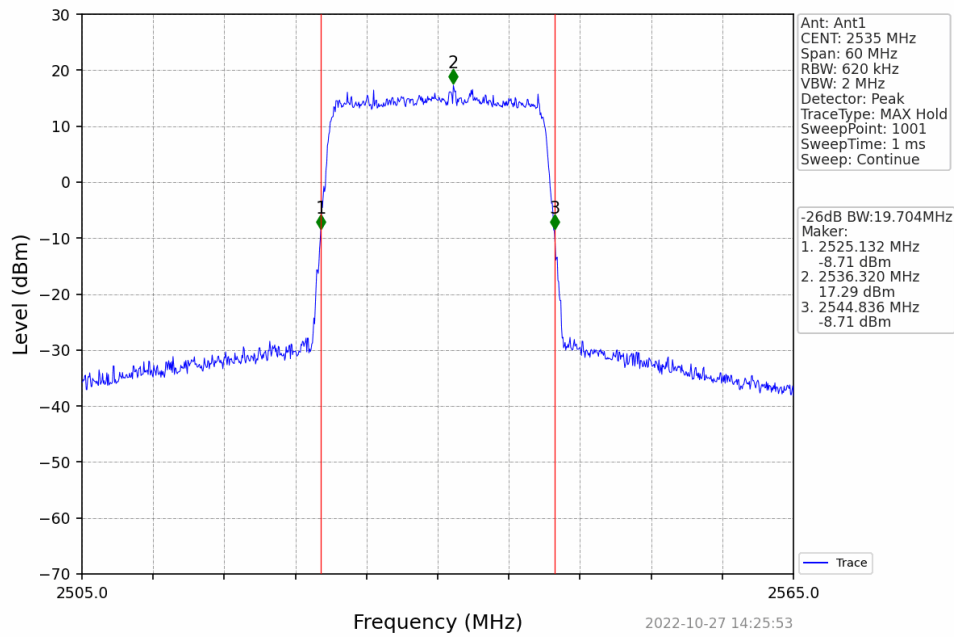


Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV

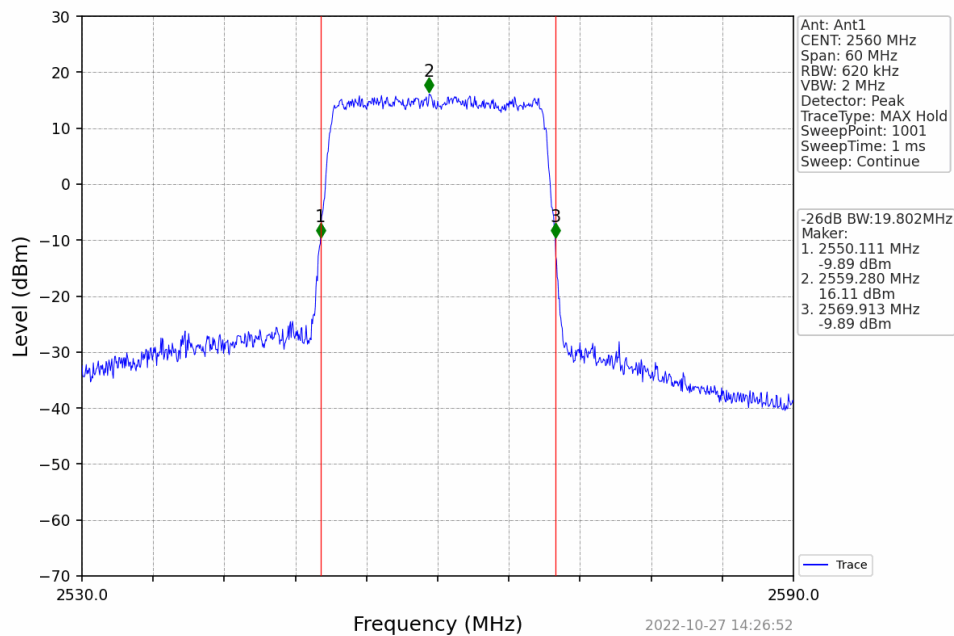




Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

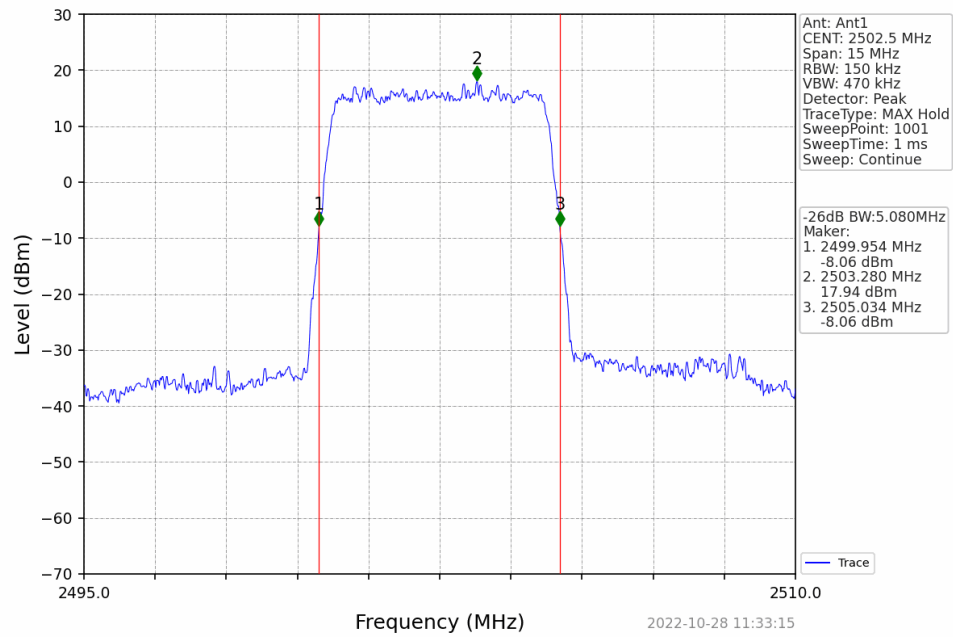


Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV

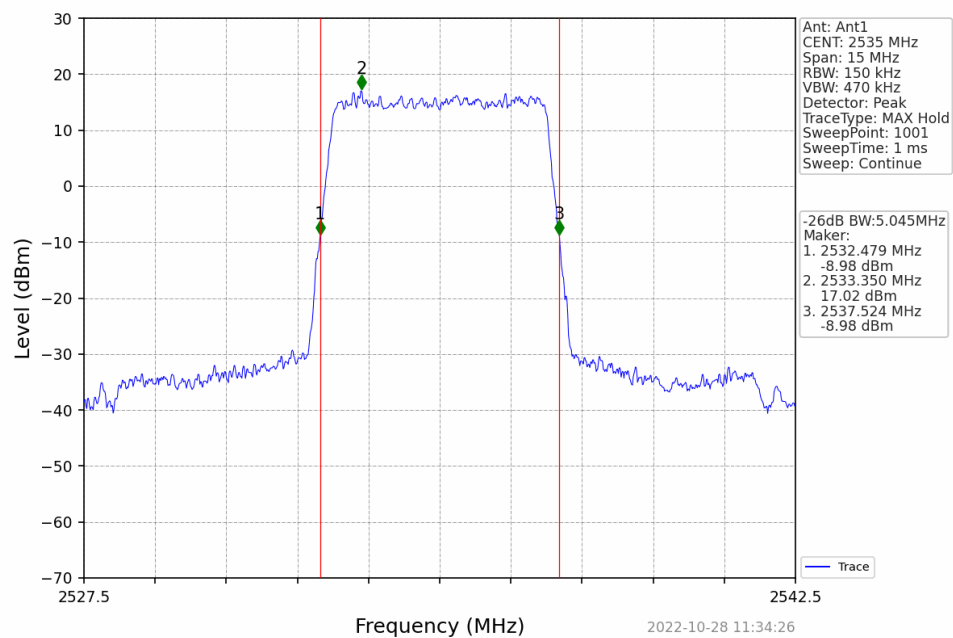




Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

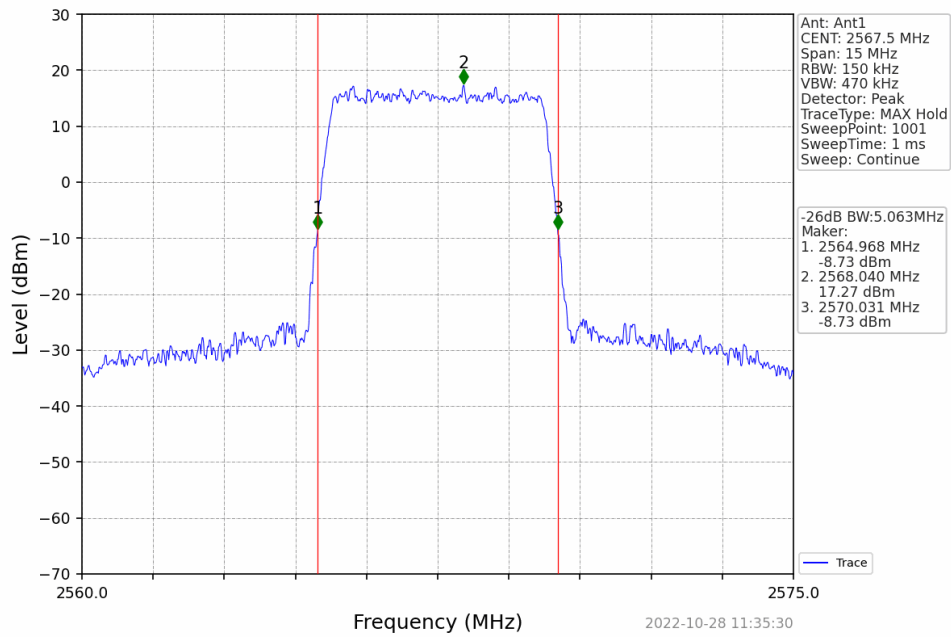


Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

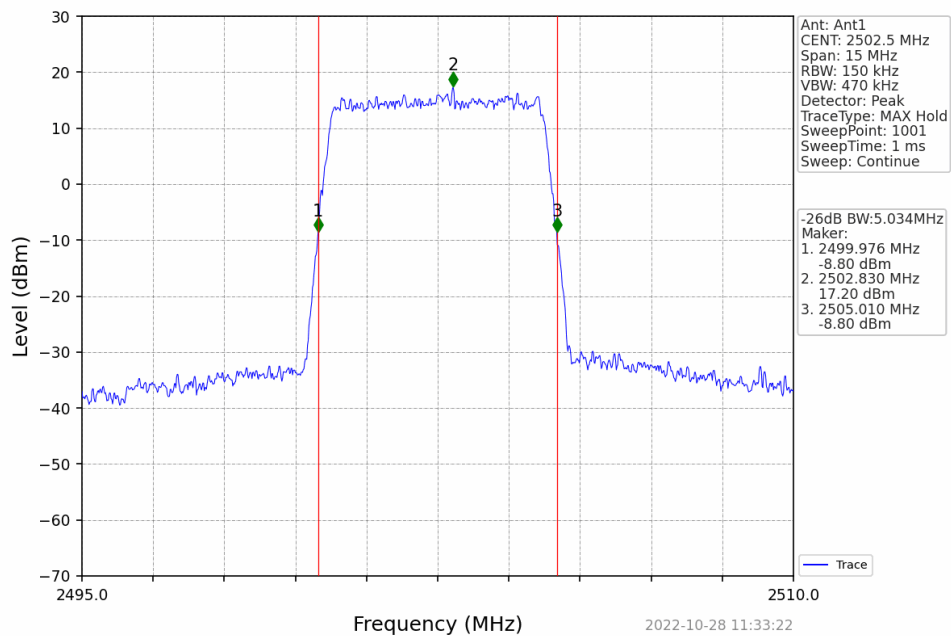




Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

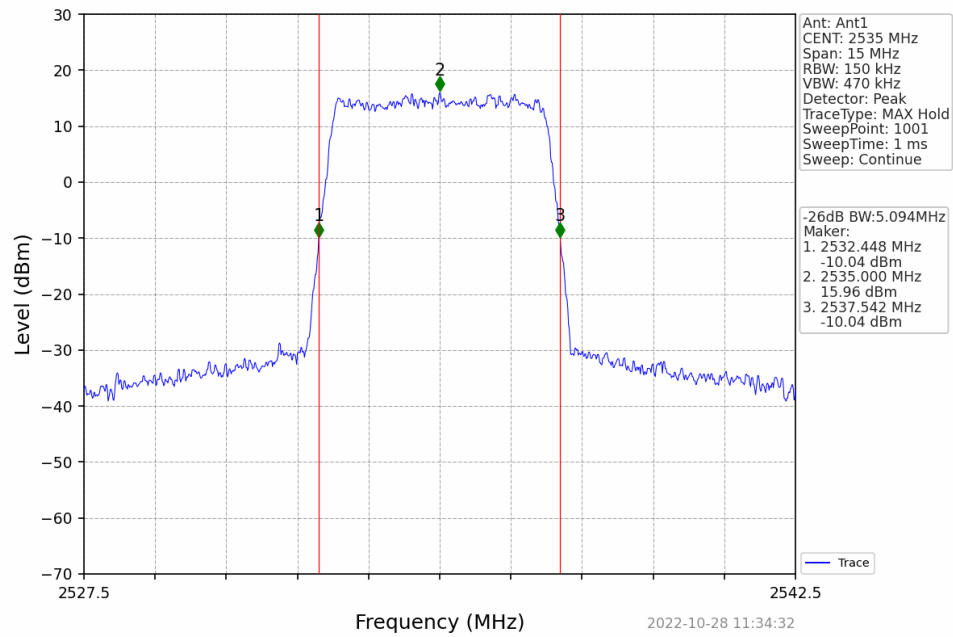


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

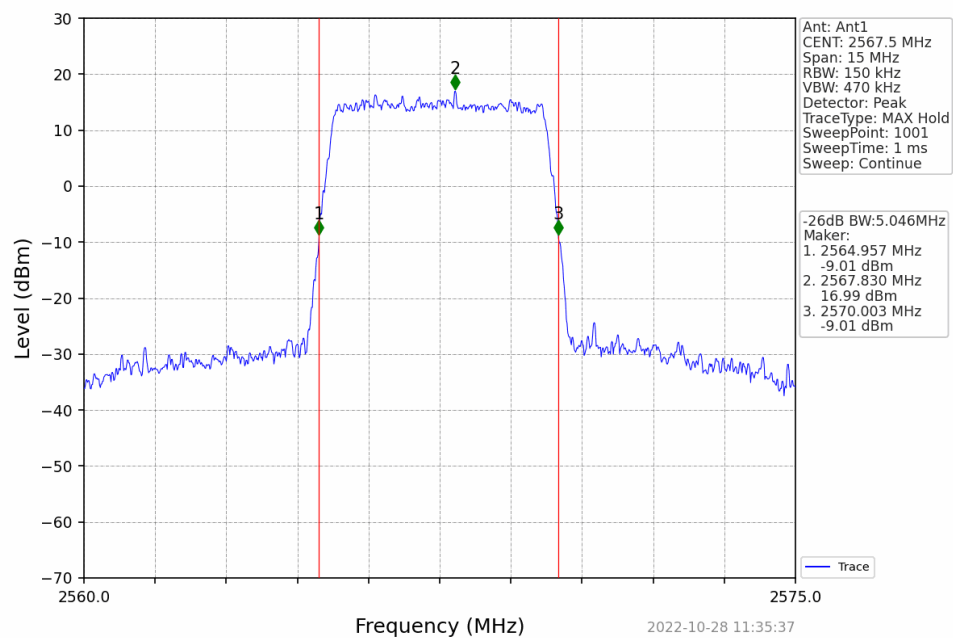




Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

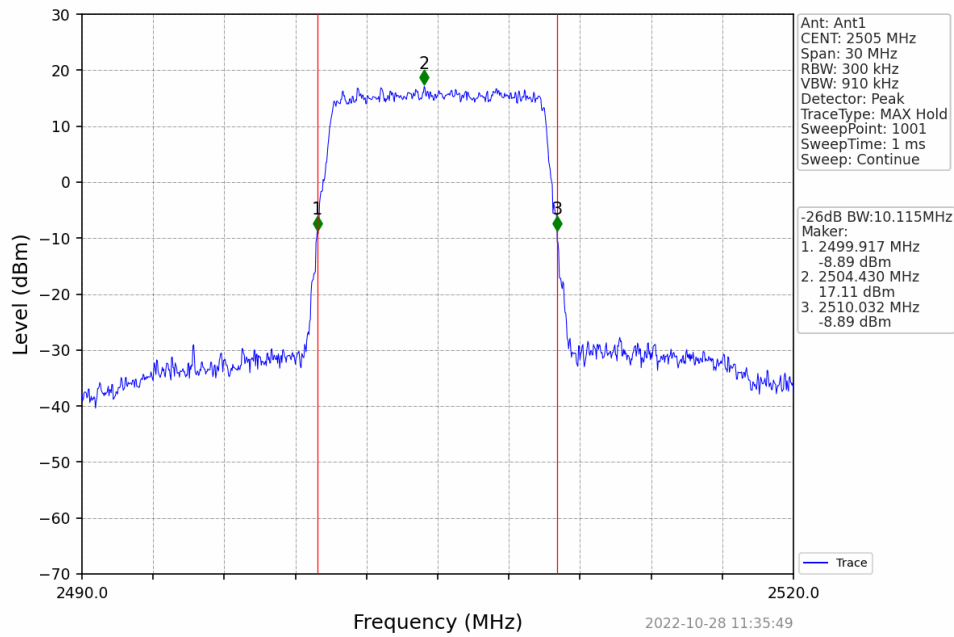


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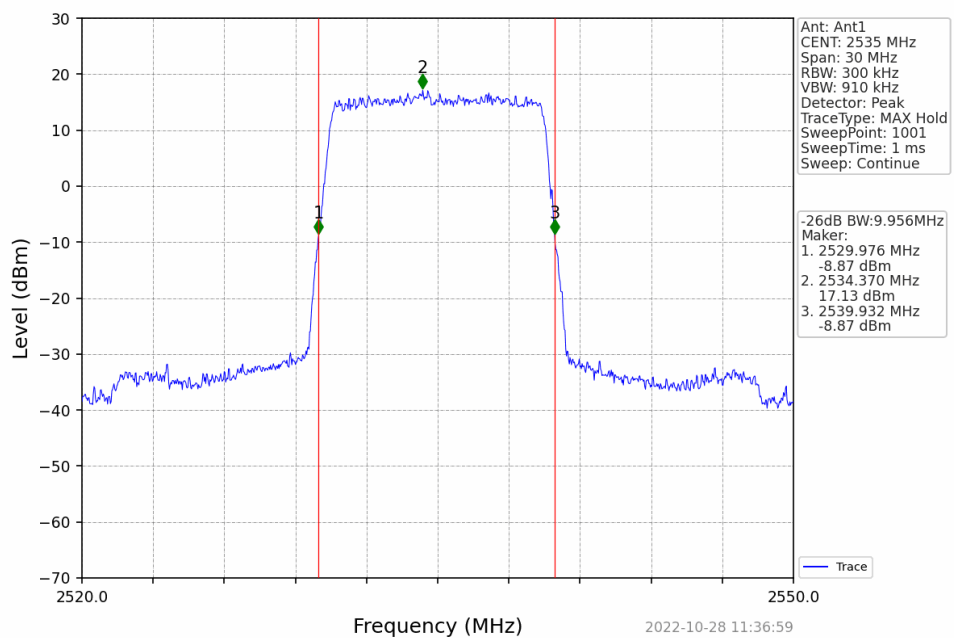




Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

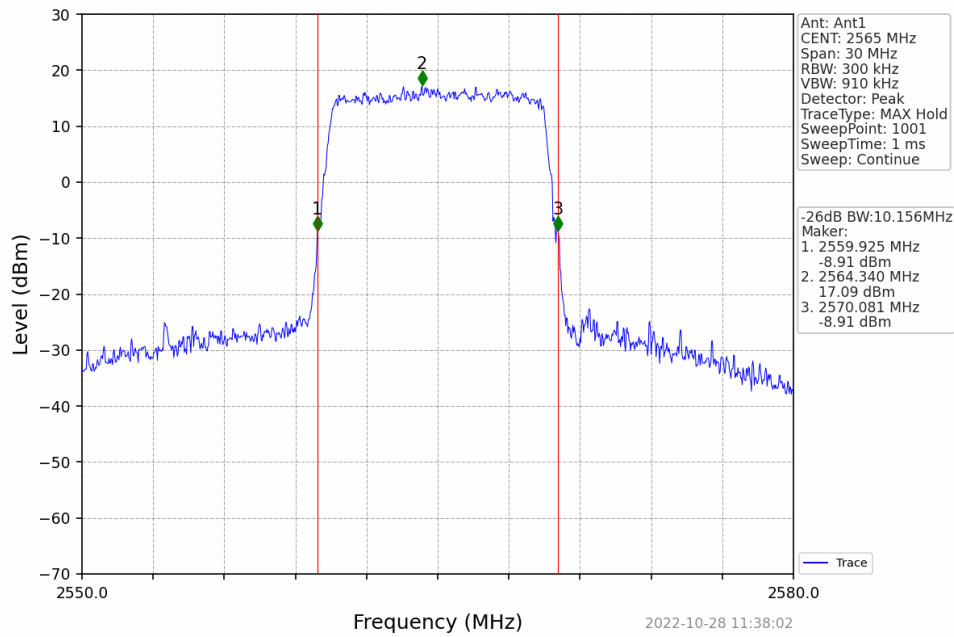


Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

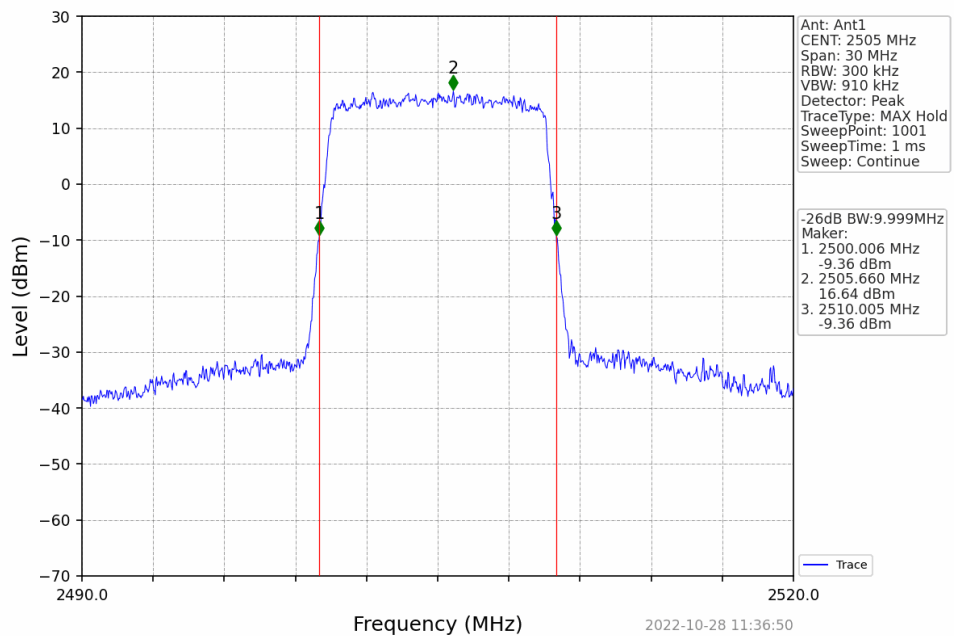




Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

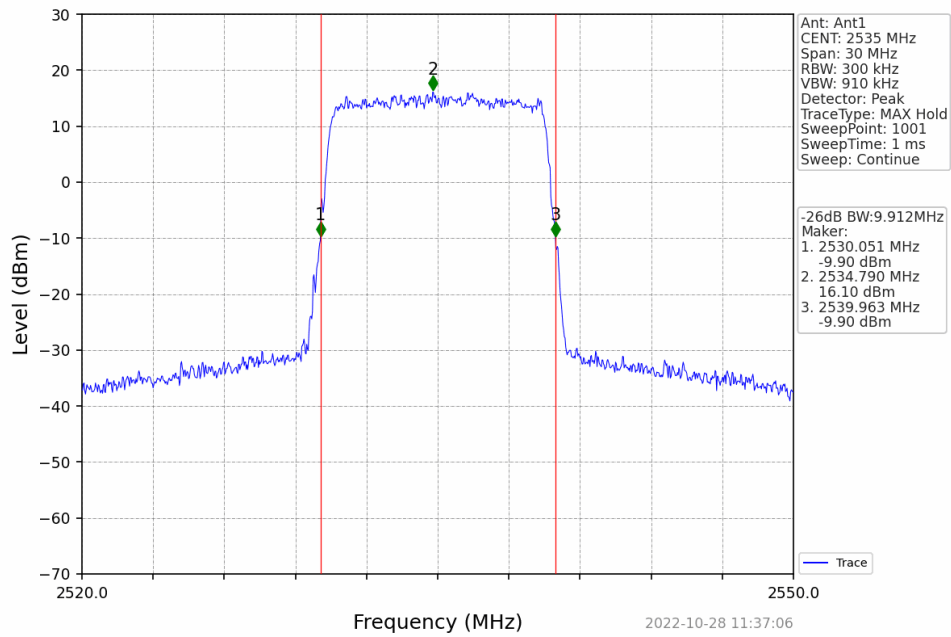


Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

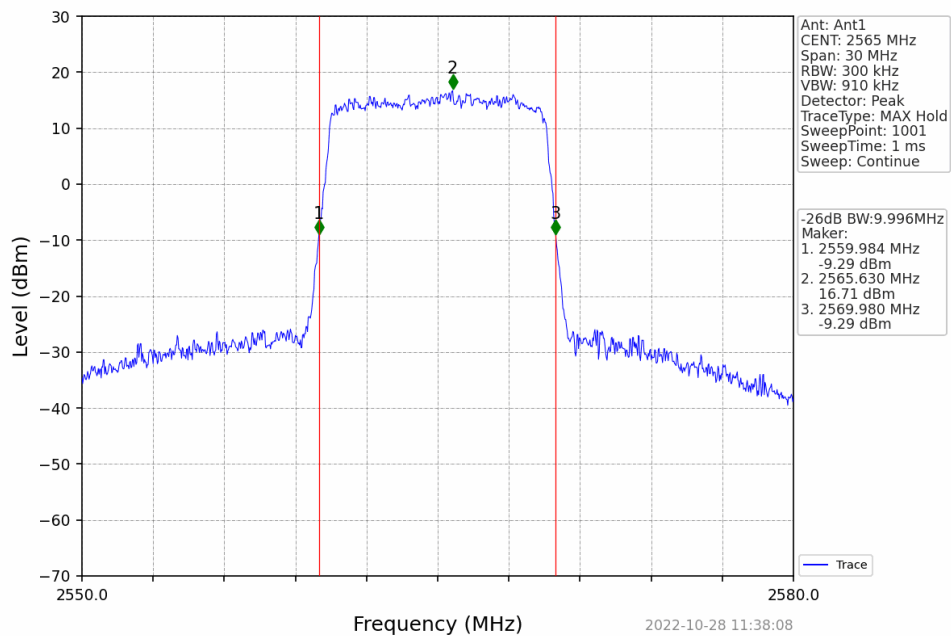




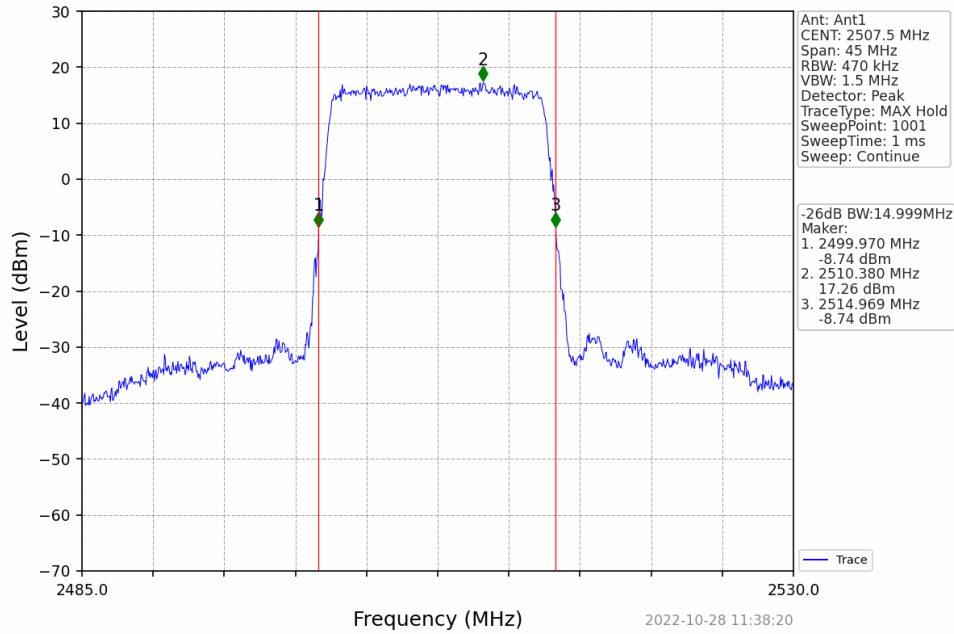
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



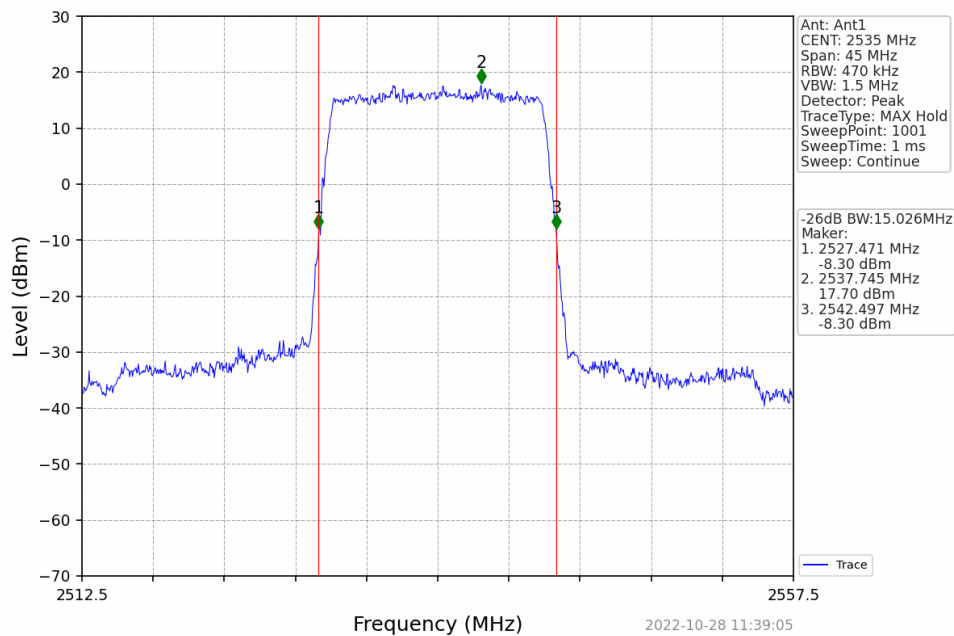
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

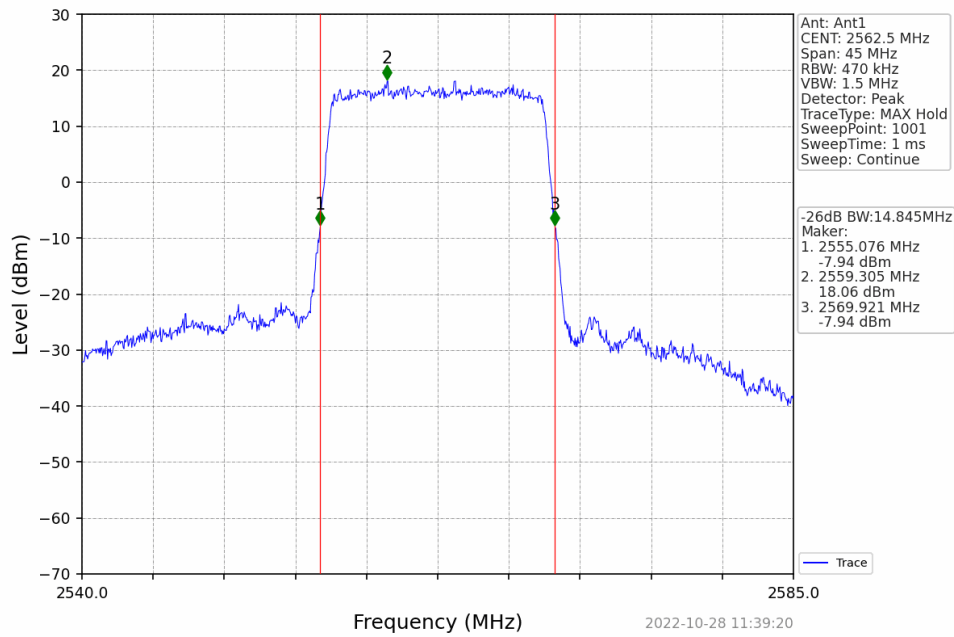


Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

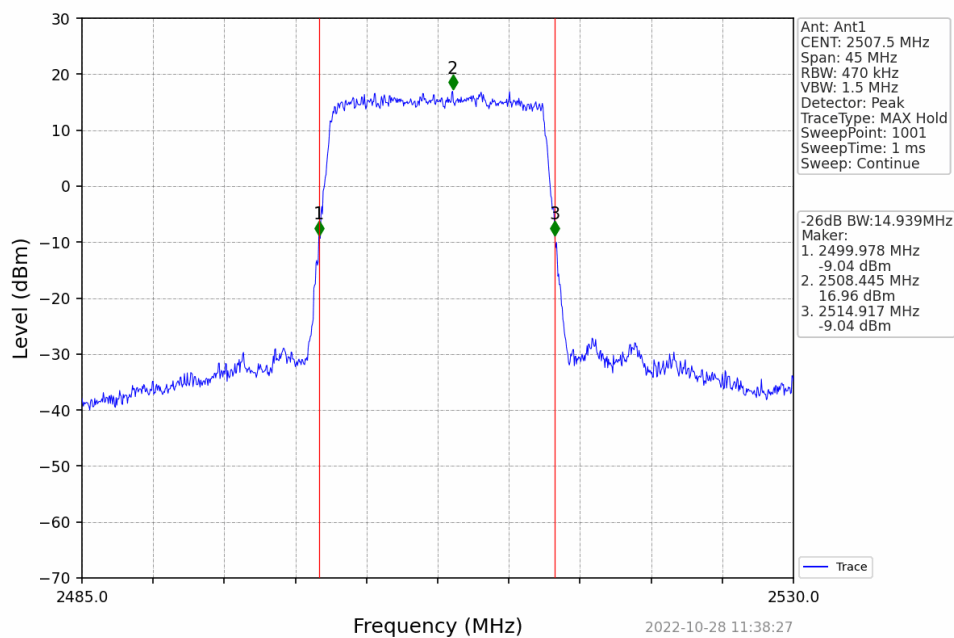




Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

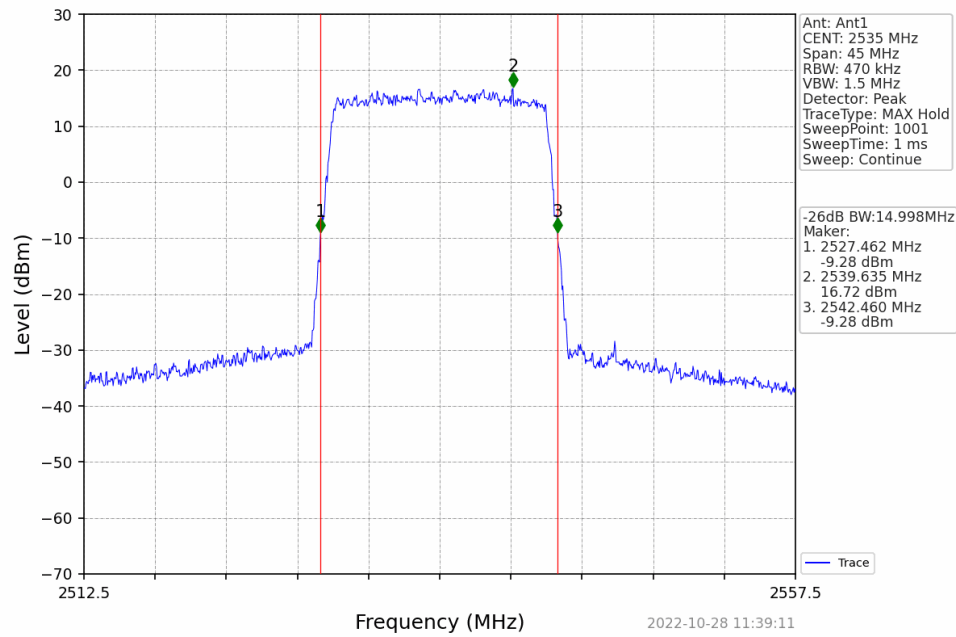


Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV

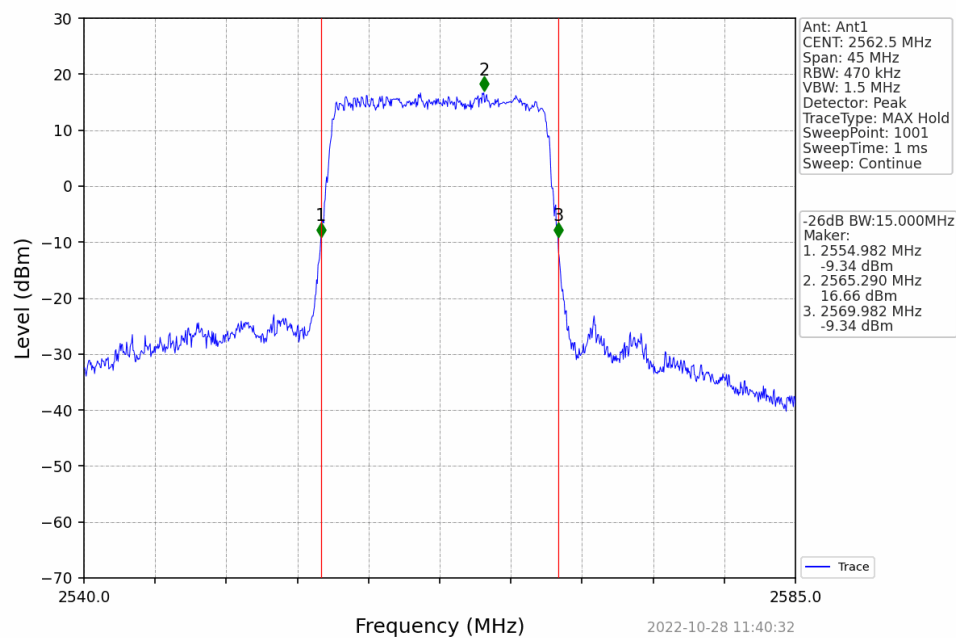




Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

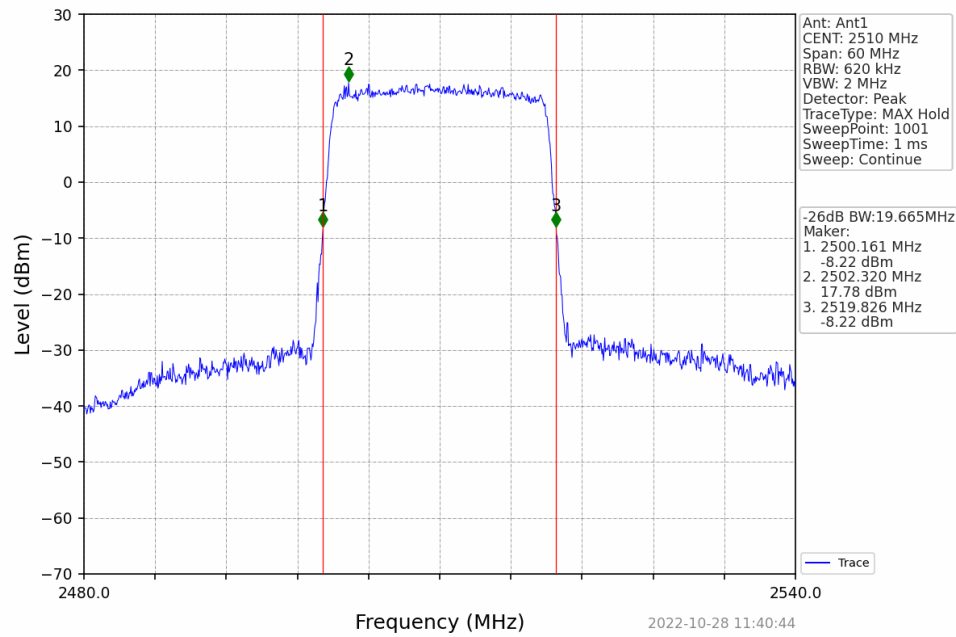


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

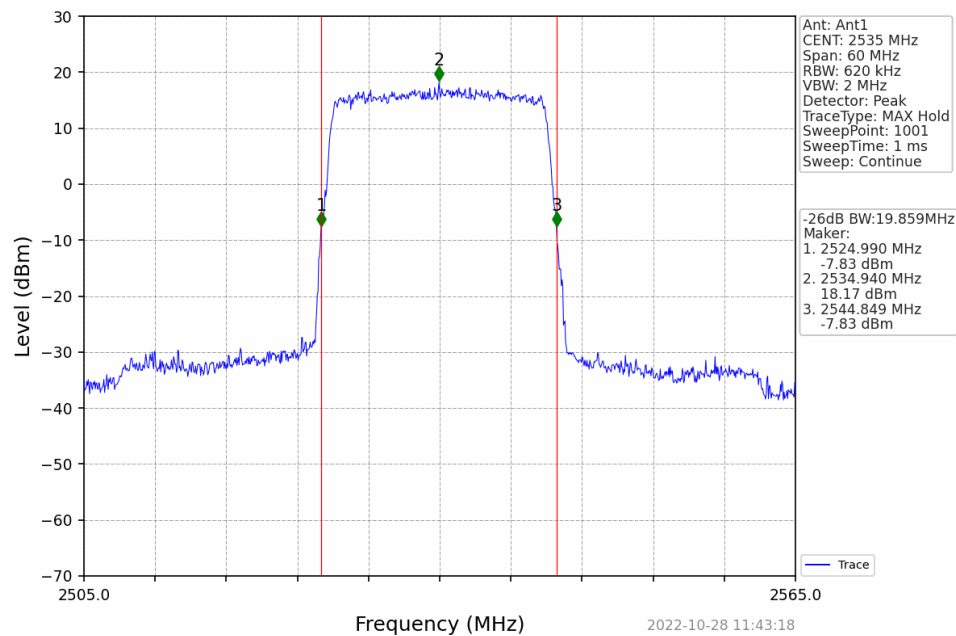




Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

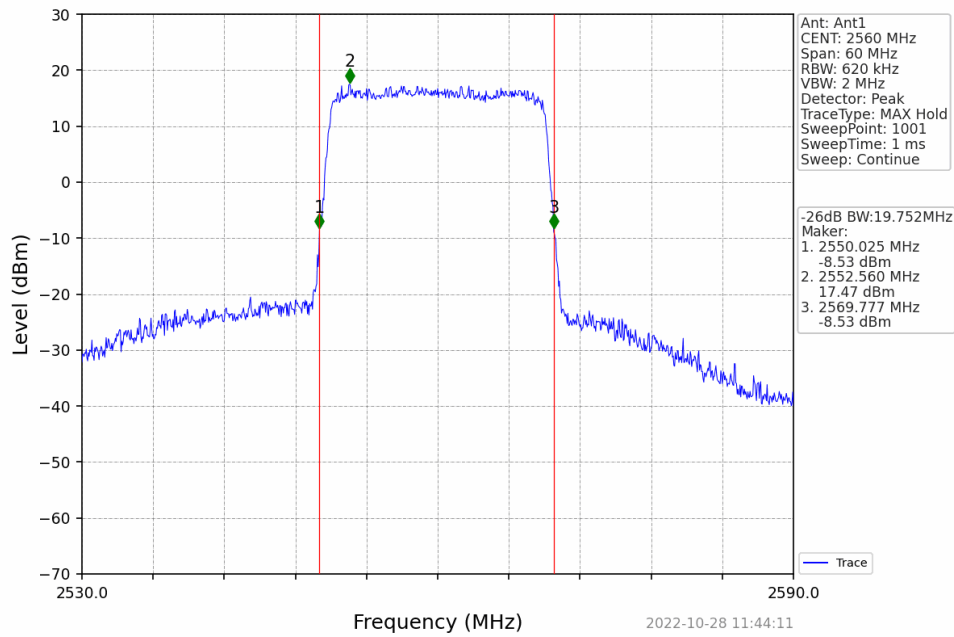


Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV





Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV

