

Appendix Test Data for LTE_band_7

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	24.30	1.90	26.20	<=33.01	Pass
			13	24.32	1.90	26.22	<=33.01	Pass
			24	24.32	1.90	26.22	<=33.01	Pass
		12	0	23.25	1.90	25.15	<=33.01	Pass
			6	23.25	1.90	25.15	<=33.01	Pass
			13	23.26	1.90	25.16	<=33.01	Pass
		25	0	23.25	1.90	25.15	<=33.01	Pass
	2535	1	0	24.35	1.90	26.25	<=33.01	Pass
			13	24.34	1.90	26.24	<=33.01	Pass
			24	24.33	1.90	26.23	<=33.01	Pass
		12	0	23.23	1.90	25.13	<=33.01	Pass
			6	23.20	1.90	25.10	<=33.01	Pass
			13	23.16	1.90	25.06	<=33.01	Pass
		25	0	23.18	1.90	25.08	<=33.01	Pass
	2567.5	1	0	23.94	1.90	25.84	<=33.01	Pass
			13	23.81	1.90	25.71	<=33.01	Pass
			24	23.81	1.90	25.71	<=33.01	Pass
		12	0	23.17	1.90	25.07	<=33.01	Pass
			6	23.12	1.90	25.02	<=33.01	Pass
			13	23.12	1.90	25.02	<=33.01	Pass
		25	0	23.15	1.90	25.05	<=33.01	Pass
16QAM	2502.5	1	0	23.43	1.90	25.33	<=33.01	Pass
			13	23.46	1.90	25.36	<=33.01	Pass
			24	23.45	1.90	25.35	<=33.01	Pass
		12	0	22.31	1.90	24.21	<=33.01	Pass
			6	22.27	1.90	24.17	<=33.01	Pass
			13	22.28	1.90	24.18	<=33.01	Pass
		25	0	22.24	1.90	24.14	<=33.01	Pass
	2535	1	0	23.29	1.90	25.19	<=33.01	Pass
			13	23.25	1.90	25.15	<=33.01	Pass
			24	23.23	1.90	25.13	<=33.01	Pass
		12	0	22.22	1.90	24.12	<=33.01	Pass
			6	22.21	1.90	24.11	<=33.01	Pass
			13	22.16	1.90	24.06	<=33.01	Pass
		25	0	22.25	1.90	24.15	<=33.01	Pass
	2567.5	1	0	22.66	1.90	24.56	<=33.01	Pass
			13	22.67	1.90	24.57	<=33.01	Pass
			24	22.68	1.90	24.58	<=33.01	Pass
		12	0	22.21	1.90	24.11	<=33.01	Pass
			6	22.16	1.90	24.06	<=33.01	Pass
			13	22.12	1.90	24.02	<=33.01	Pass

		25	0	22.16	1.90	24.06	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	24.17	1.90	26.07	<=33.01	Pass
			25	24.07	1.90	25.97	<=33.01	Pass
			49	23.69	1.90	25.59	<=33.01	Pass
		25	0	23.23	1.90	25.13	<=33.01	Pass
			13	23.24	1.90	25.14	<=33.01	Pass
			25	23.25	1.90	25.15	<=33.01	Pass
		50	0	23.26	1.90	25.16	<=33.01	Pass
	2535	1	0	23.60	1.90	25.50	<=33.01	Pass
			25	23.66	1.90	25.56	<=33.01	Pass
			49	23.60	1.90	25.50	<=33.01	Pass
		25	0	23.17	1.90	25.07	<=33.01	Pass
			13	23.20	1.90	25.10	<=33.01	Pass
			25	23.20	1.90	25.10	<=33.01	Pass
		50	0	23.24	1.90	25.14	<=33.01	Pass
	2565	1	0	23.61	1.90	25.51	<=33.01	Pass
			25	23.65	1.90	25.55	<=33.01	Pass
			49	23.68	1.90	25.58	<=33.01	Pass
		25	0	23.20	1.90	25.10	<=33.01	Pass
			13	23.14	1.90	25.04	<=33.01	Pass
			25	23.09	1.90	24.99	<=33.01	Pass
		50	0	23.18	1.90	25.08	<=33.01	Pass
16QAM	2505	1	0	22.89	1.90	24.79	<=33.01	Pass
			25	22.92	1.90	24.82	<=33.01	Pass
			49	22.88	1.90	24.78	<=33.01	Pass
		12	0	23.26	1.90	25.16	<=33.01	Pass
			19	23.25	1.90	25.15	<=33.01	Pass
			38	23.26	1.90	25.16	<=33.01	Pass
		27	0	22.31	1.90	24.21	<=33.01	Pass
	2535	1	0	22.48	1.90	24.38	<=33.01	Pass
			25	22.60	1.90	24.50	<=33.01	Pass
			49	22.57	1.90	24.47	<=33.01	Pass
		12	0	23.16	1.90	25.06	<=33.01	Pass
			19	23.22	1.90	25.12	<=33.01	Pass
			38	23.19	1.90	25.09	<=33.01	Pass
		27	0	22.14	1.90	24.04	<=33.01	Pass
	2565	1	0	22.73	1.90	24.63	<=33.01	Pass
			25	22.81	1.90	24.71	<=33.01	Pass
			49	22.79	1.90	24.69	<=33.01	Pass
		12	0	23.20	1.90	25.10	<=33.01	Pass
			19	23.20	1.90	25.10	<=33.01	Pass
			38	23.20	1.90	25.10	<=33.01	Pass
		27	23	22.11	1.90	24.01	<=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	23.68	1.90	25.58	<=33.01	Pass		
			38	23.66	1.90	25.56	<=33.01	Pass		
			74	23.57	1.90	25.47	<=33.01	Pass		
		36	0	23.16	1.90	25.06	<=33.01	Pass		
			18	23.21	1.90	25.11	<=33.01	Pass		
			39	23.22	1.90	25.12	<=33.01	Pass		
		75	0	23.19	1.90	25.09	<=33.01	Pass		
		2535	1	0	23.50	1.90	25.40	<=33.01	Pass	
				38	23.65	1.90	25.55	<=33.01	Pass	
	74			23.50	1.90	25.40	<=33.01	Pass		
	36		0	23.14	1.90	25.04	<=33.01	Pass		
			18	23.17	1.90	25.07	<=33.01	Pass		
			39	23.12	1.90	25.02	<=33.01	Pass		
	75	0	23.13	1.90	25.03	<=33.01	Pass			
	2562.5	1	0	23.51	1.90	25.41	<=33.01	Pass		
			38	23.65	1.90	25.55	<=33.01	Pass		
			74	23.60	1.90	25.50	<=33.01	Pass		
		36	0	23.07	1.90	24.97	<=33.01	Pass		
			18	23.10	1.90	25.00	<=33.01	Pass		
			39	23.10	1.90	25.00	<=33.01	Pass		
		75	0	23.13	1.90	25.03	<=33.01	Pass		
		16QAM	2507.5	1	0	22.91	1.90	24.81	<=33.01	Pass
					38	22.99	1.90	24.89	<=33.01	Pass
	74				22.91	1.90	24.81	<=33.01	Pass	
12	0			23.20	1.90	25.10	<=33.01	Pass		
	31			23.21	1.90	25.11	<=33.01	Pass		
	63			23.17	1.90	25.07	<=33.01	Pass		
27	0			22.19	1.90	24.09	<=33.01	Pass		
2535	1		0	22.50	1.90	24.40	<=33.01	Pass		
			38	22.56	1.90	24.46	<=33.01	Pass		
			74	22.49	1.90	24.39	<=33.01	Pass		
	12		0	23.12	1.90	25.02	<=33.01	Pass		
			31	23.19	1.90	25.09	<=33.01	Pass		
			63	23.14	1.90	25.04	<=33.01	Pass		
27	0		22.12	1.90	24.02	<=33.01	Pass			
2562.5	1		0	22.66	1.90	24.56	<=33.01	Pass		
		38	22.80	1.90	24.70	<=33.01	Pass			
		74	22.76	1.90	24.66	<=33.01	Pass			
	12	0	23.10	1.90	25.00	<=33.01	Pass			
		31	23.22	1.90	25.12	<=33.01	Pass			
		63	23.18	1.90	25.08	<=33.01	Pass			
	27	48	22.11	1.90	24.01	<=33.01	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

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	23.64	1.90	25.54	<=33.01	Pass
			50	23.66	1.90	25.56	<=33.01	Pass
			99	23.57	1.90	25.47	<=33.01	Pass
		50	0	23.17	1.90	25.07	<=33.01	Pass
			25	23.19	1.90	25.09	<=33.01	Pass
			50	23.27	1.90	25.17	<=33.01	Pass
		100	0	23.21	1.90	25.11	<=33.01	Pass
	2535	1	0	23.37	1.90	25.27	<=33.01	Pass
			50	23.57	1.90	25.47	<=33.01	Pass
			99	23.43	1.90	25.33	<=33.01	Pass
		50	0	23.16	1.90	25.06	<=33.01	Pass
			25	23.23	1.90	25.13	<=33.01	Pass
			50	23.18	1.90	25.08	<=33.01	Pass
		100	0	23.21	1.90	25.11	<=33.01	Pass
	2560	1	0	23.57	1.90	25.47	<=33.01	Pass
			50	23.76	1.90	25.66	<=33.01	Pass
			99	23.70	1.90	25.60	<=33.01	Pass
		50	0	23.13	1.90	25.03	<=33.01	Pass
			25	23.17	1.90	25.07	<=33.01	Pass
			50	23.05	1.90	24.95	<=33.01	Pass
		100	0	23.13	1.90	25.03	<=33.01	Pass
16QAM	2510	1	0	22.75	1.90	24.65	<=33.01	Pass
			50	22.86	1.90	24.76	<=33.01	Pass
			99	22.81	1.90	24.71	<=33.01	Pass
		12	0	23.14	1.90	25.04	<=33.01	Pass
			44	23.22	1.90	25.12	<=33.01	Pass
			88	23.15	1.90	25.05	<=33.01	Pass
		27	0	22.15	1.90	24.05	<=33.01	Pass
	2535	1	0	22.59	1.90	24.49	<=33.01	Pass
			50	22.79	1.90	24.69	<=33.01	Pass
			99	22.68	1.90	24.58	<=33.01	Pass
		12	0	23.04	1.90	24.94	<=33.01	Pass
			44	23.22	1.90	25.12	<=33.01	Pass
			88	23.14	1.90	25.04	<=33.01	Pass
		27	0	22.09	1.90	23.99	<=33.01	Pass
	2560	1	0	22.64	1.90	24.54	<=33.01	Pass
			50	22.82	1.90	24.72	<=33.01	Pass
			99	22.79	1.90	24.69	<=33.01	Pass
		12	0	23.04	1.90	24.94	<=33.01	Pass
			44	23.17	1.90	25.07	<=33.01	Pass
			88	23.10	1.90	25.00	<=33.01	Pass
		27	73	22.08	1.90	23.98	<=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	3.27	-5.107	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.277	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.405	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-11.201	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.805	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0027	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-8.812	-0.0035	-2.5 to 2.5	Pass
					3.85	5.379	0.0021	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-8.769	-0.0035	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-4.864	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-9.584	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.432	0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0032	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-8.211	-0.0033	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass
				0	3.85	7.782	0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0012	-2.5 to 2.5	Pass

				30	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-9.027	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0017	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	2.146	0.0008	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0037	-2.5 to 2.5	Pass
					4.43	2.661	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-14.706	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-4.992	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0022	-2.5 to 2.5	Pass
					4.43	3.347	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.059	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0011	-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	3.27	-3.934	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
					4.43	-8.197	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0019	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-0.901	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
					4.43	2.918	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.287	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0004	-2.5 to 2.5	Pass

				30	3.85	4.077	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				50	3.85	4.148	0.0016	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-4.878	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.388	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-7.410	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
16QAM	2505	27	0	20	3.27	-2.575	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0027	-2.5 to 2.5	Pass
					4.43	0.501	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-8.826	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.994	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-10.242	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0026	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-4.663	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.43	1.059	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-11.101	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.978	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.904	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0020	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0009	-2.5 to 2.5	Pass
	2565	27	23	20	3.27	-5.350	-0.0021	-2.5 to 2.5	Pass
					3.85	1.073	0.0004	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.416	0.0006	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-10.543	-0.0041	-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	3.27	2.246	0.0009	-2.5 to 2.5	Pass
					3.85	2.489	0.0010	-2.5 to 2.5	Pass
					4.43	2.546	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
				30	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	1.702	0.0007	-2.5 to 2.5	Pass
					3.85	0.844	0.0003	-2.5 to 2.5	Pass
					4.43	3.247	0.0013	-2.5 to 2.5	Pass
				-30	3.85	4.706	0.0019	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.775	0.0011	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-2.747	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				0	3.85	2.747	0.0011	-2.5 to 2.5	Pass
				10	3.85	2.489	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.416	0.0006	-2.5 to 2.5	Pass
16QAM	2507.5	27	0	20	3.27	-3.347	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0022	-2.5 to 2.5	Pass
					4.43	0.930	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.774	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-8.054	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-1.531	-0.0006	-2.5 to 2.5	Pass
					3.85	6.666	0.0026	-2.5 to 2.5	Pass

					4.43	6.022	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.758	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0025	-2.5 to 2.5	Pass
				0	3.85	4.005	0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.85	7.052	0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass
				50	3.85	2.861	0.0011	-2.5 to 2.5	Pass
	2562.5	27	48	20	3.27	2.732	0.0011	-2.5 to 2.5	Pass
					3.85	1.717	0.0007	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.077	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.718	-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	3.27	-4.621	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.388	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0024	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-7.281	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0024	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-3.247	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0021	-2.5 to 2.5	Pass

					4.43	-5.736	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.891	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
16QAM	2510	27	0	20	3.27	-2.389	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.635	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.448	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0006	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-7.467	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.723	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-7.925	-0.0031	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0002	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass
	2560	27	73	20	3.27	-5.364	-0.0021	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	0.772	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.646	-0.0010	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0009	-2.5 to 2.5	Pass
				30	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

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

3.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	50	0	Refer To Test Graph		Pass
16QAM	2535	27	0	Refer To Test Graph		Pass

3.1.3 B7_15MHz

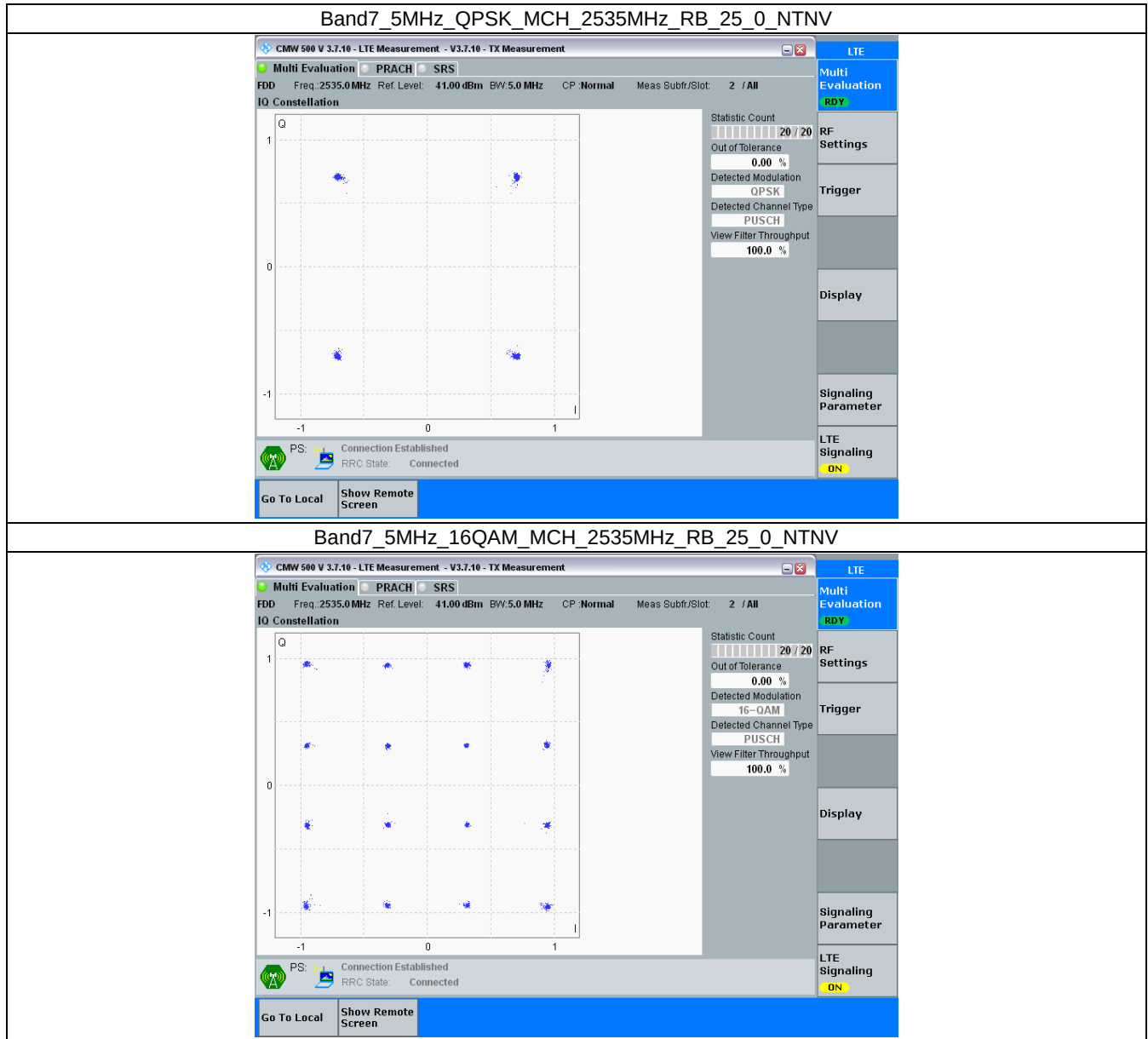
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	27	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

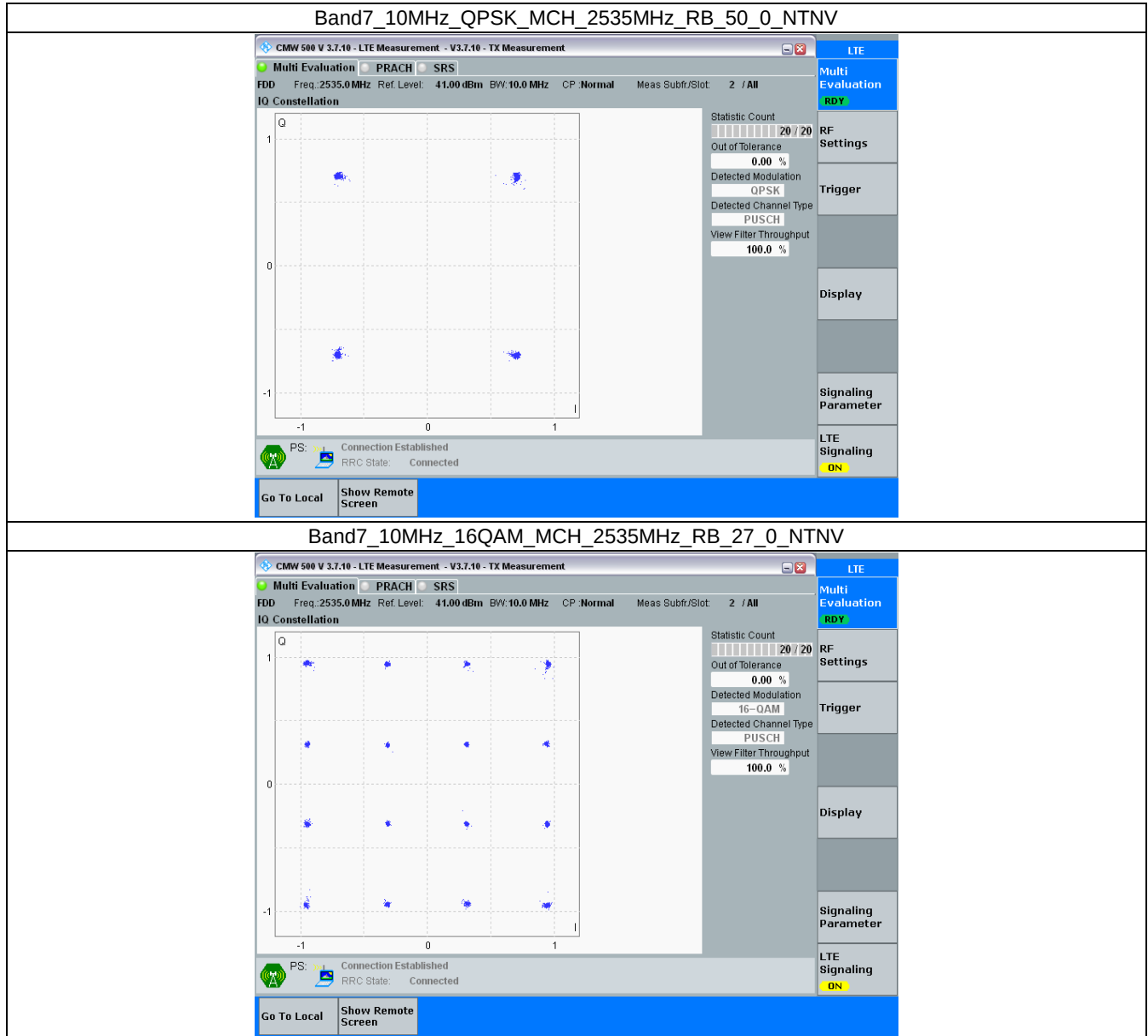
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	27	0	Refer To Test Graph		Pass

3.2 Test Graph

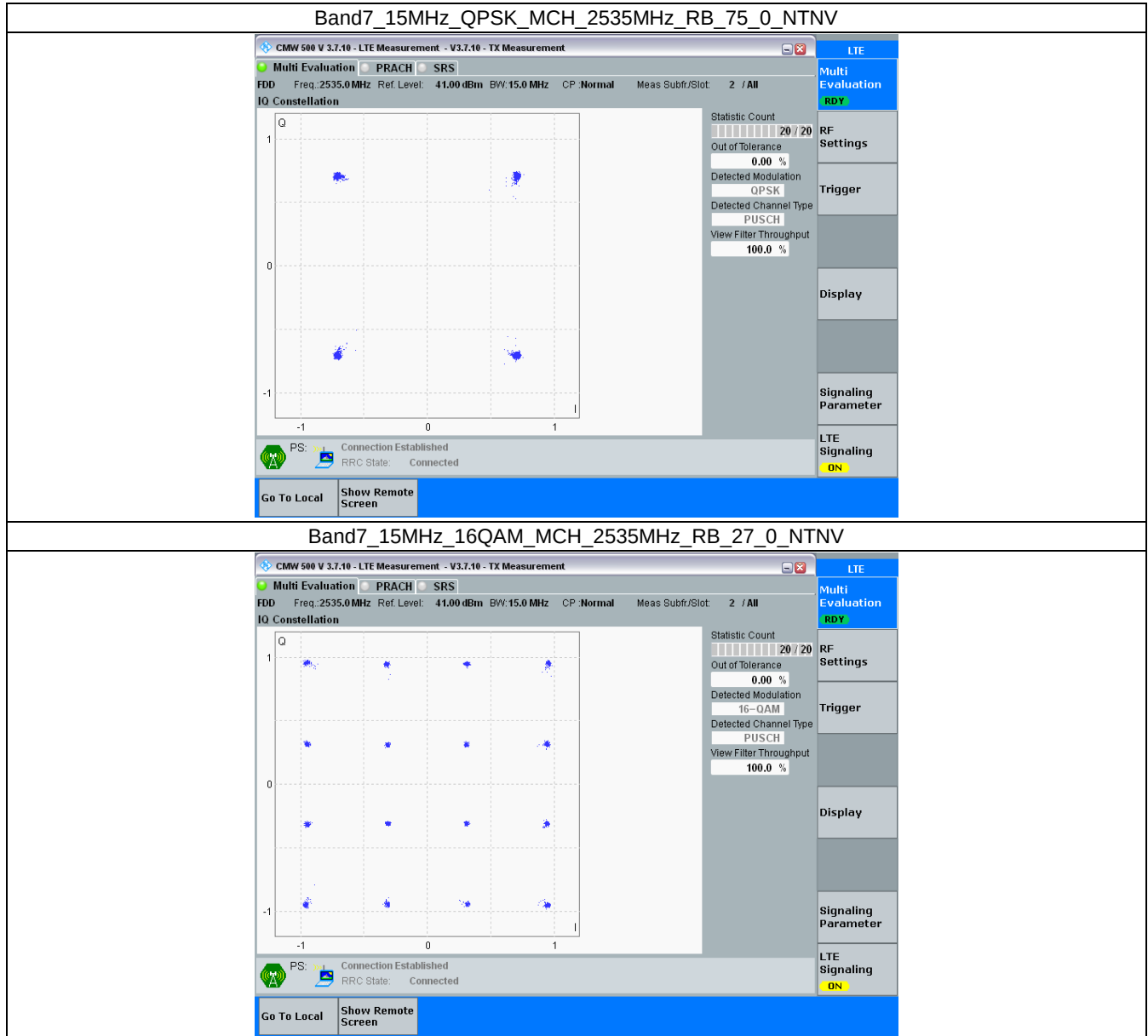
3.2.1 B7_5MHz



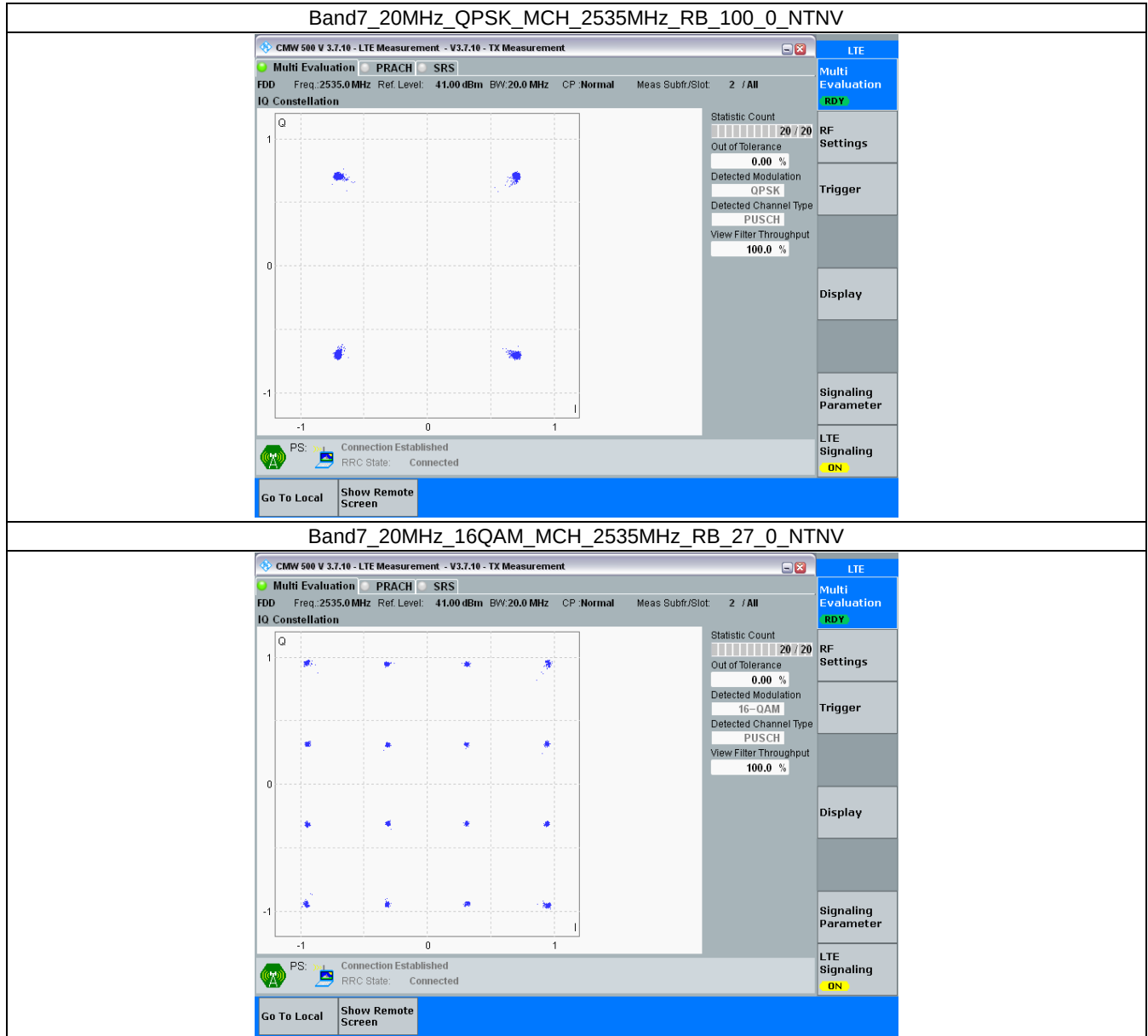
3.2.2 B7_10MHz



3.2.3 B7_15MHz



3.2.4 B7_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	4.470	/	Pass
		2535	25	0	4.485	/	Pass
		2567.5	25	0	4.491	/	Pass
	16QAM	2502.5	25	0	4.473	/	Pass
		2535	25	0	4.458	/	Pass
		2567.5	25	0	4.470	/	Pass
10	QPSK	2505	50	0	8.957	/	Pass
		2535	50	0	8.958	/	Pass
		2565	50	0	8.980	/	Pass
	16QAM	2505	27	0	4.841	/	Pass
		2535	27	0	4.849	/	Pass
		2565	27	23	4.844	/	Pass
15	QPSK	2507.5	75	0	13.435	/	Pass
		2535	75	0	13.398	/	Pass
		2562.5	75	0	13.400	/	Pass
	16QAM	2507.5	27	0	4.824	/	Pass
		2535	27	0	4.849	/	Pass
		2562.5	27	48	4.842	/	Pass
20	QPSK	2510	100	0	17.950	/	Pass
		2535	100	0	17.920	/	Pass
		2560	100	0	17.850	/	Pass
	16QAM	2510	27	0	4.852	/	Pass
		2535	27	0	4.843	/	Pass
		2560	27	73	4.835	/	Pass

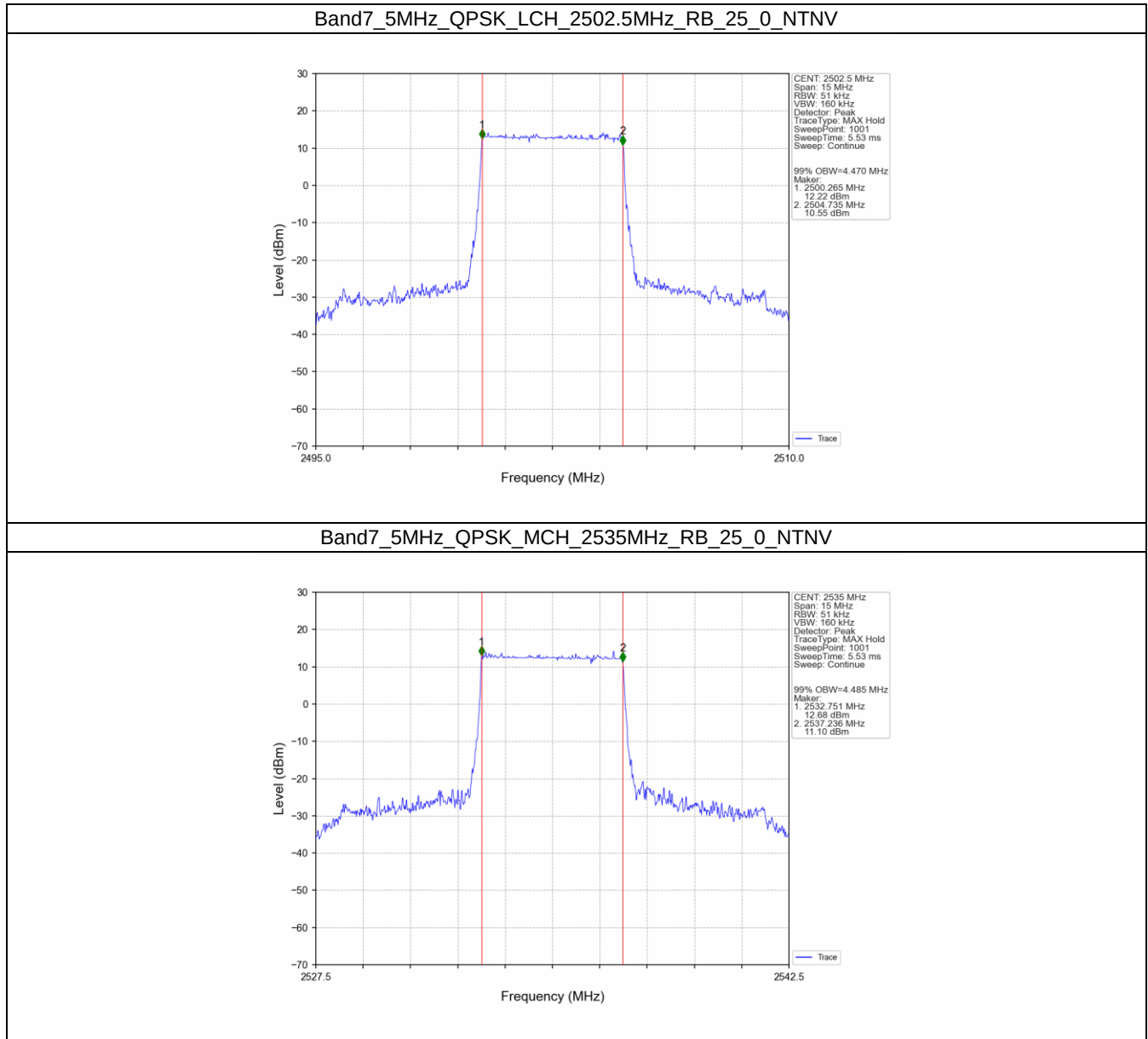
4.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.867	/	Pass
		2535	25	0	4.827	/	Pass
		2567.5	25	0	4.887	/	Pass
	16QAM	2502.5	25	0	4.899	/	Pass
		2535	25	0	4.887	/	Pass
		2567.5	25	0	4.797	/	Pass
10	QPSK	2505	50	0	9.591	/	Pass
		2535	50	0	9.593	/	Pass

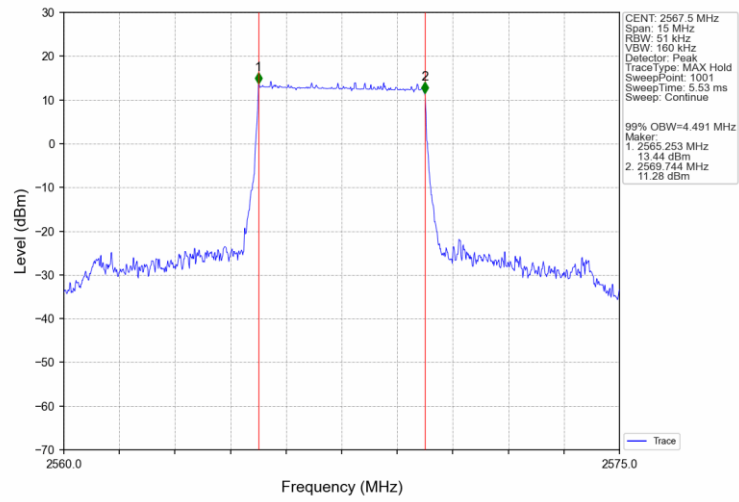
	16QAM	2565	50	0	9.617	/	Pass
		2505	27	0	5.468	/	Pass
		2535	27	0	5.447	/	Pass
		2565	27	23	5.466	/	Pass
15	QPSK	2507.5	75	0	14.434	/	Pass
		2535	75	0	14.503	/	Pass
		2562.5	75	0	14.394	/	Pass
	16QAM	2507.5	27	0	5.589	/	Pass
		2535	27	0	5.485	/	Pass
		2562.5	27	48	5.490	/	Pass
20	QPSK	2510	100	0	19.052	/	Pass
		2535	100	0	18.904	/	Pass
		2560	100	0	18.962	/	Pass
	16QAM	2510	27	0	5.551	/	Pass
		2535	27	0	5.648	/	Pass
		2560	27	73	5.631	/	Pass

4.2 Test Graph

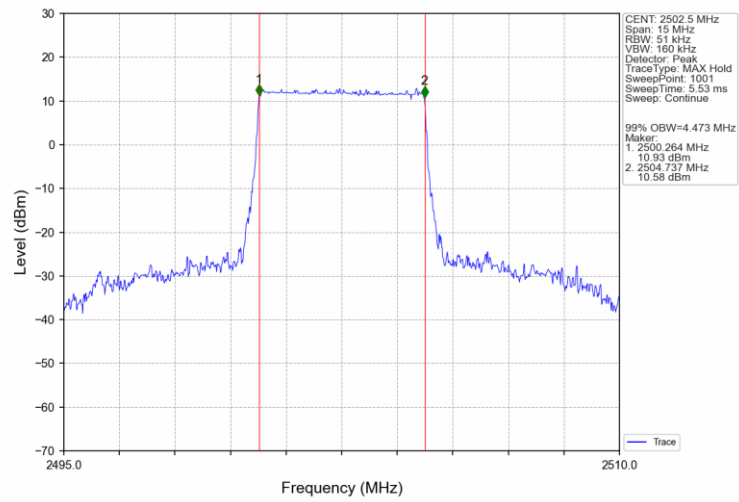
4.2.1 Band7_OBW



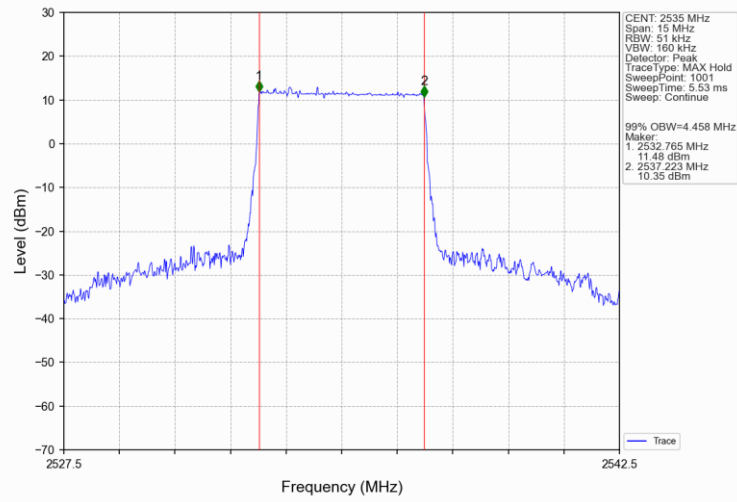
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



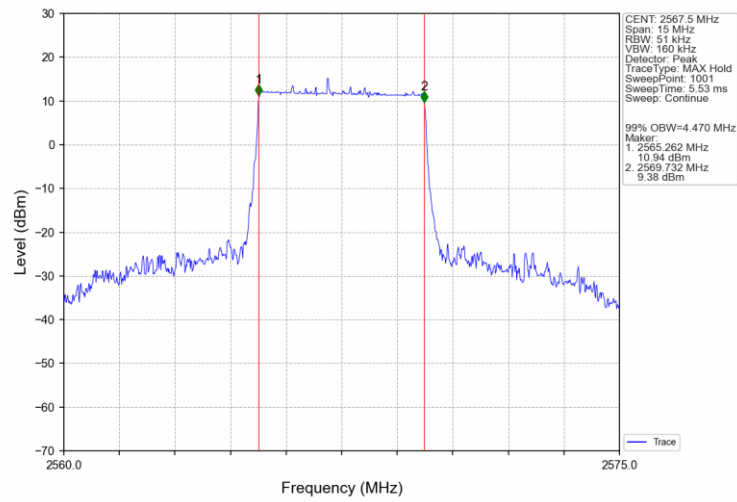
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



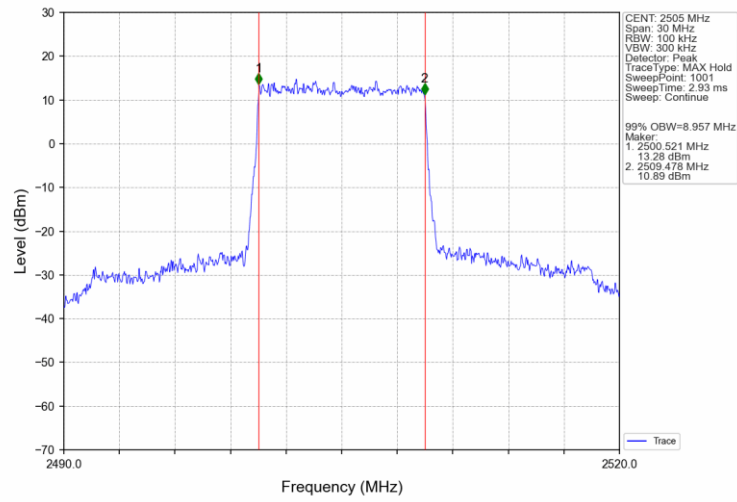
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



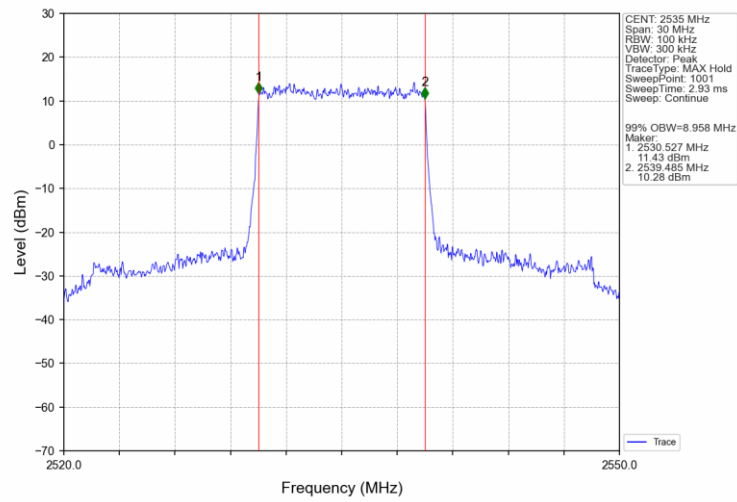
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



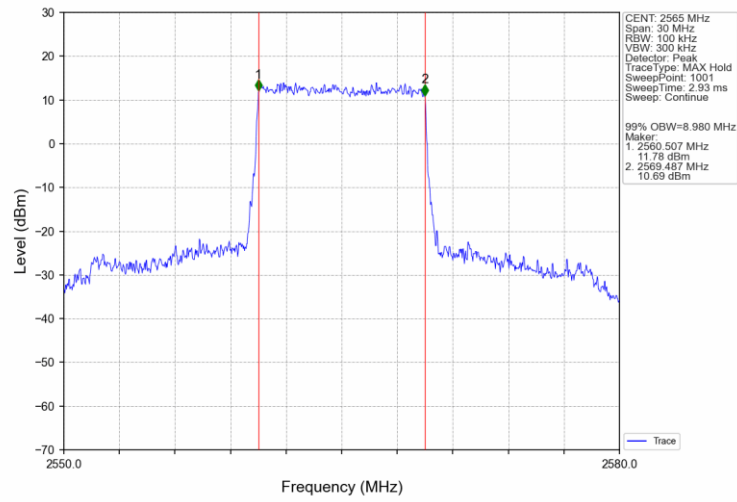
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



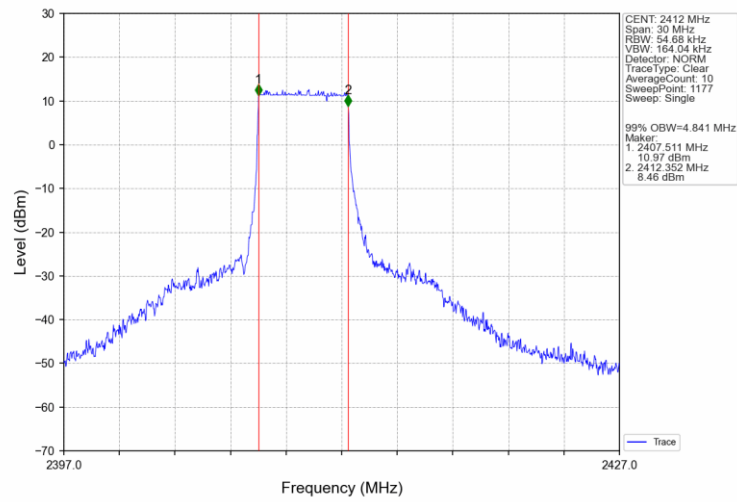
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



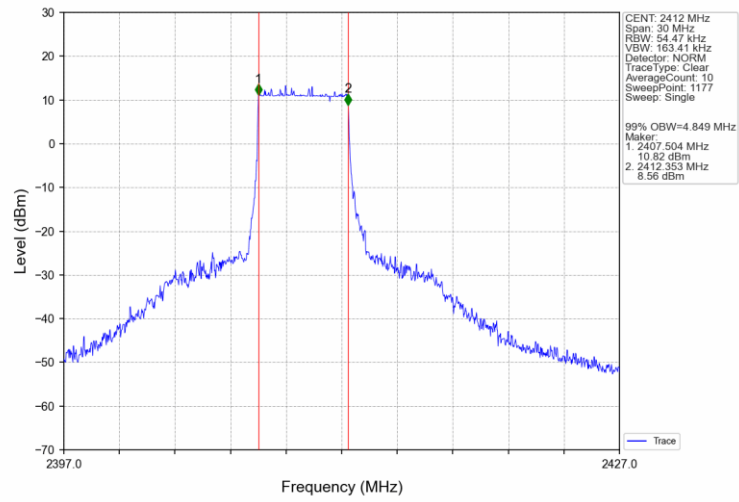
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



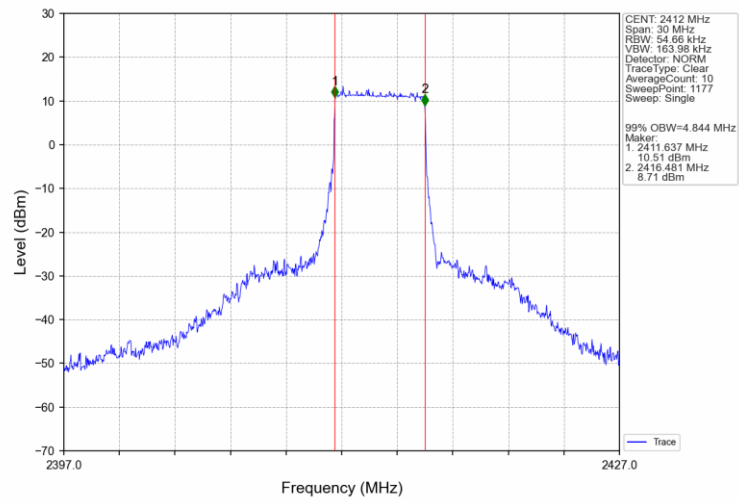
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



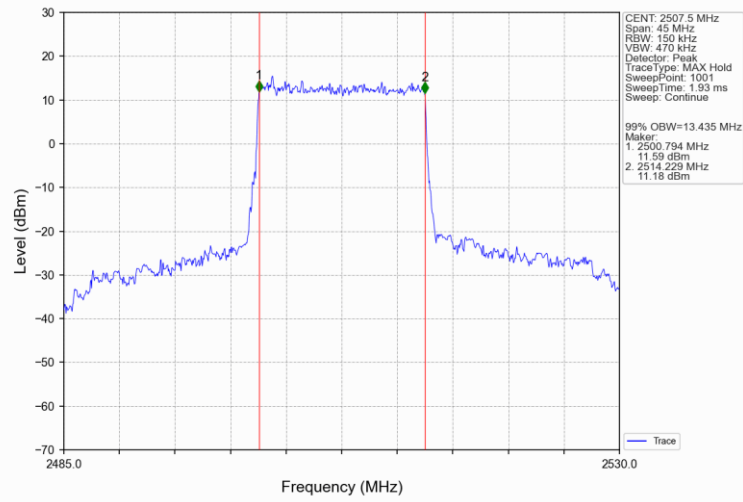
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



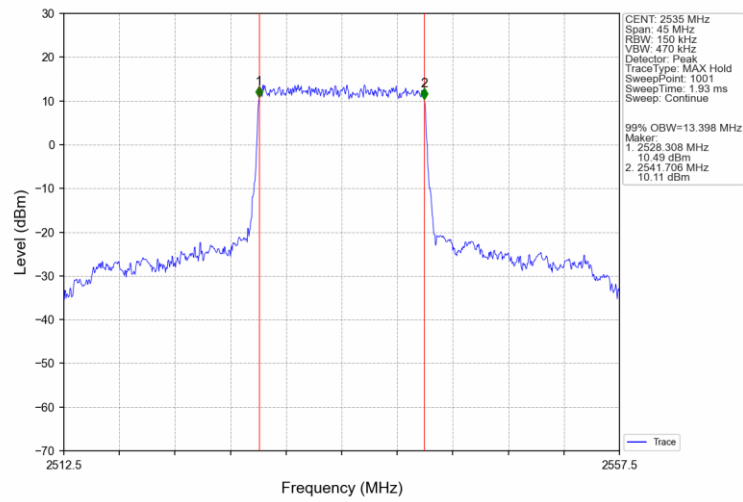
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



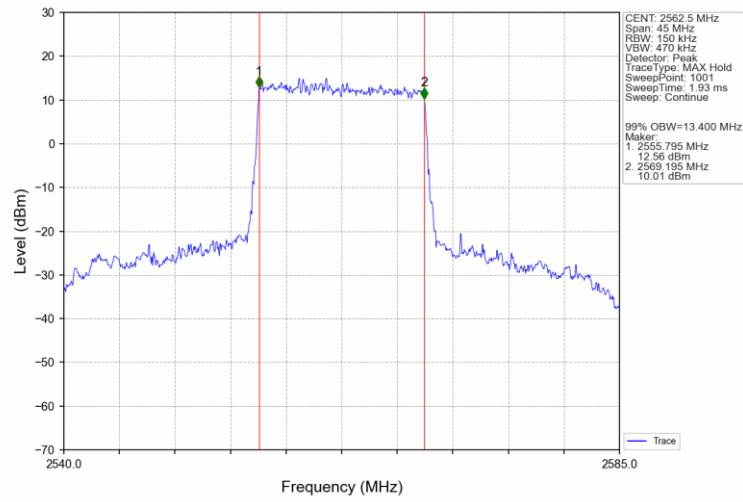
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



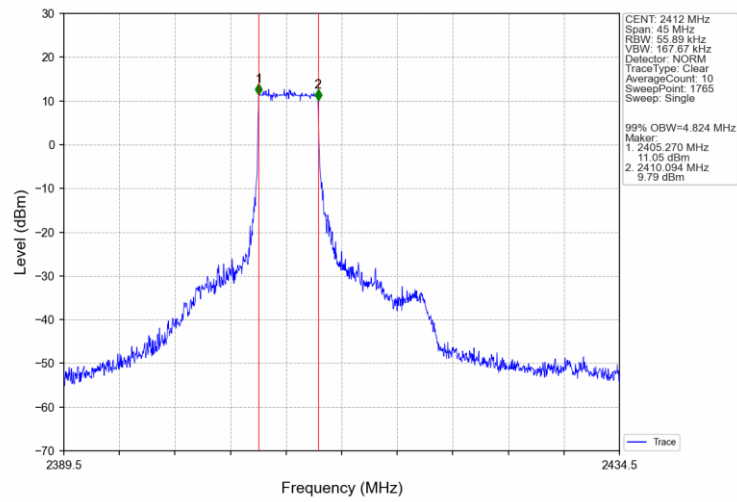
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



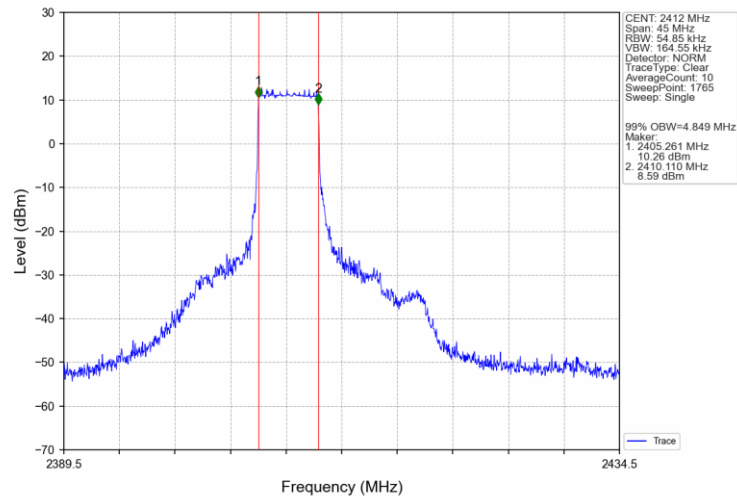
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



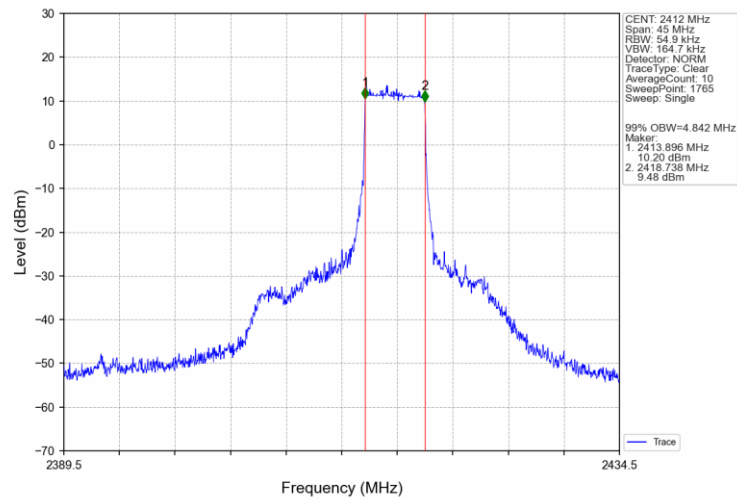
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



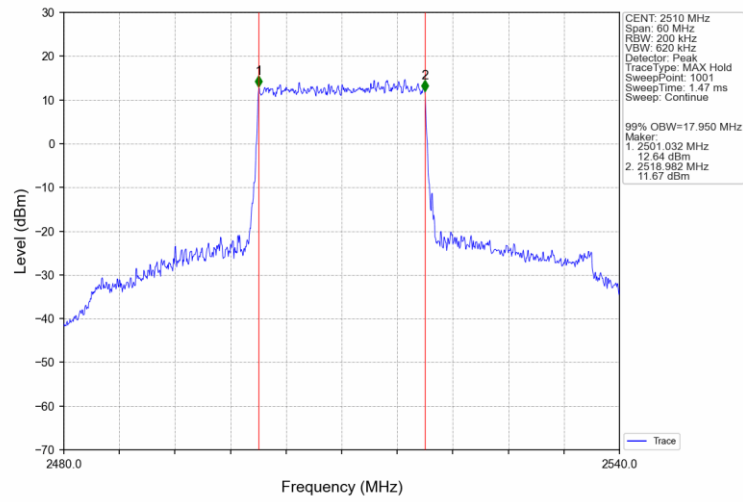
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



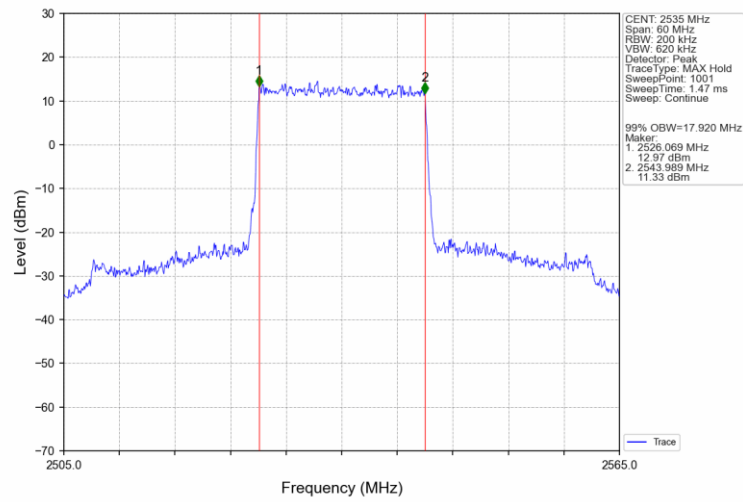
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



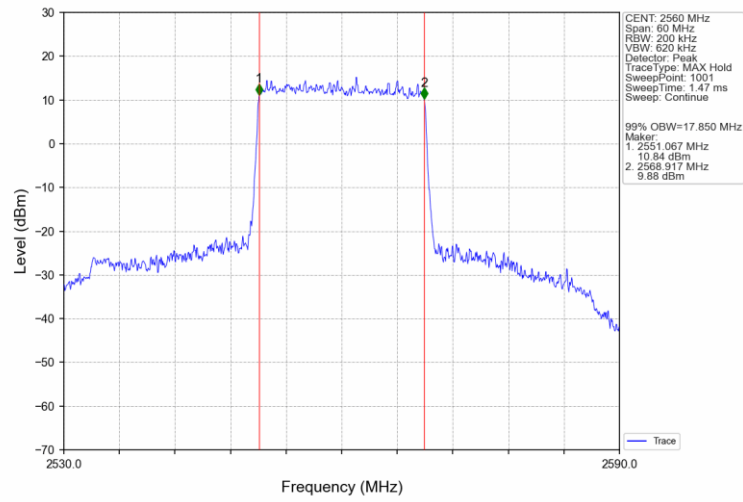
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



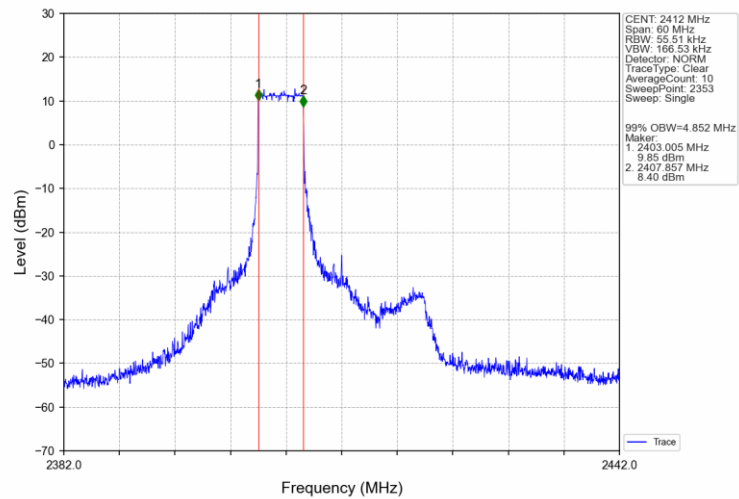
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



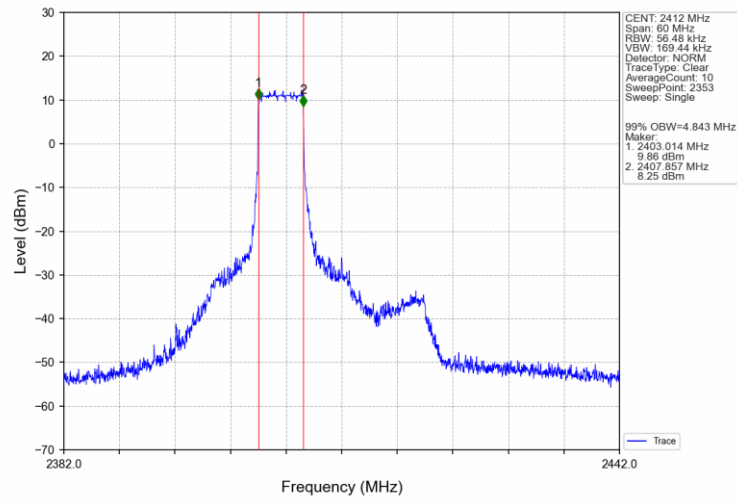
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



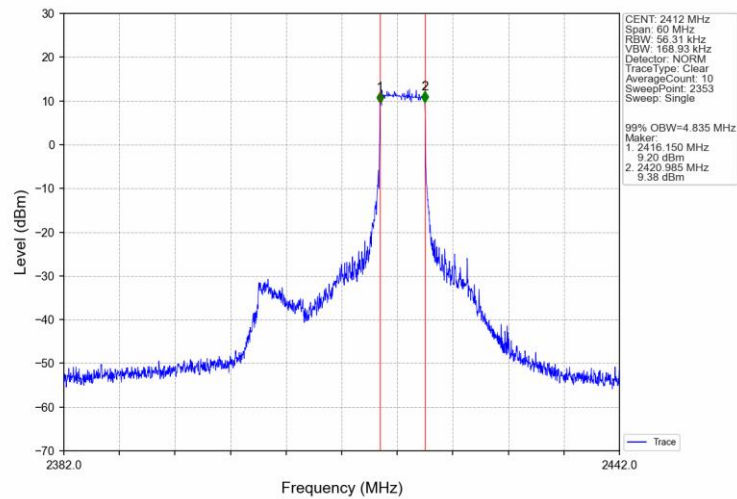
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV

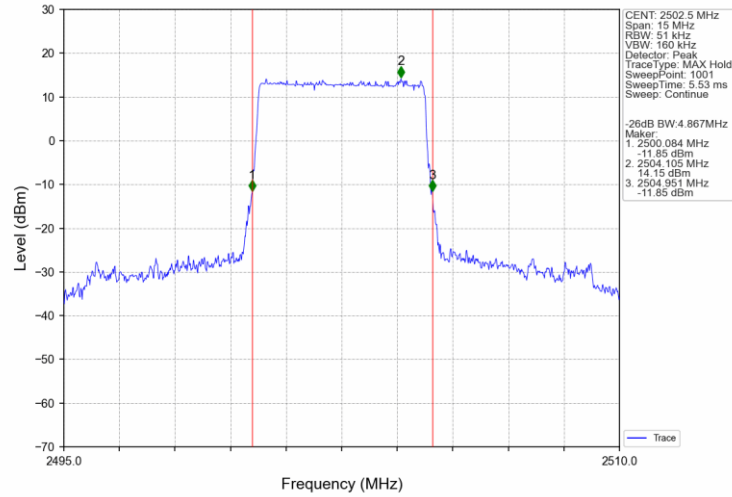


Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV

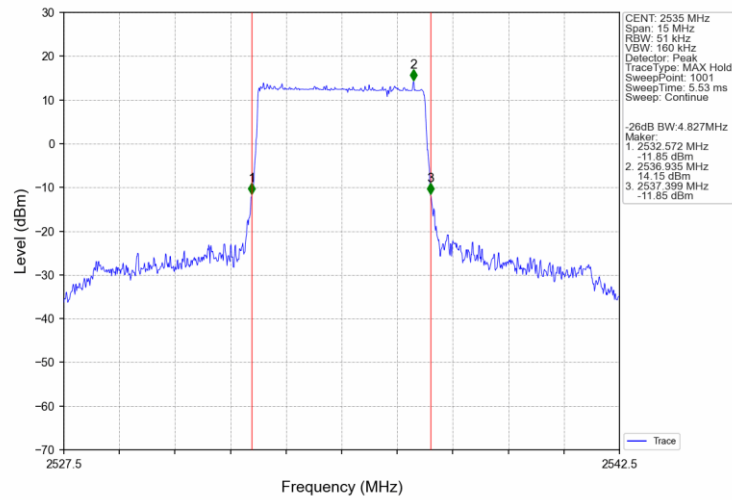


4.2.2 Band7_XDB

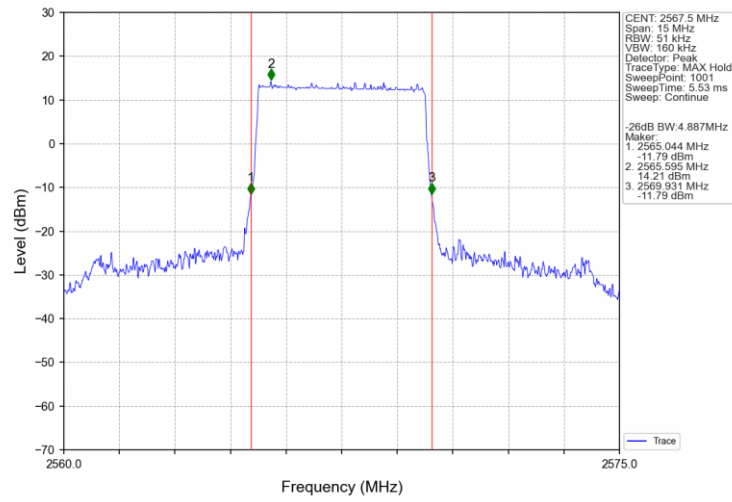
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



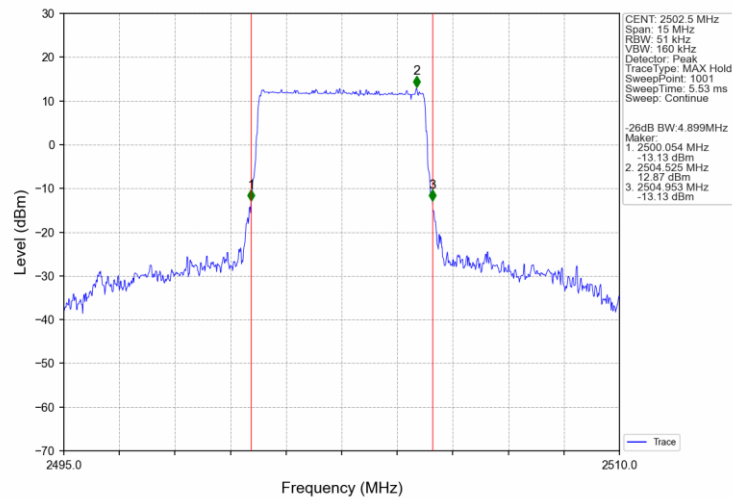
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



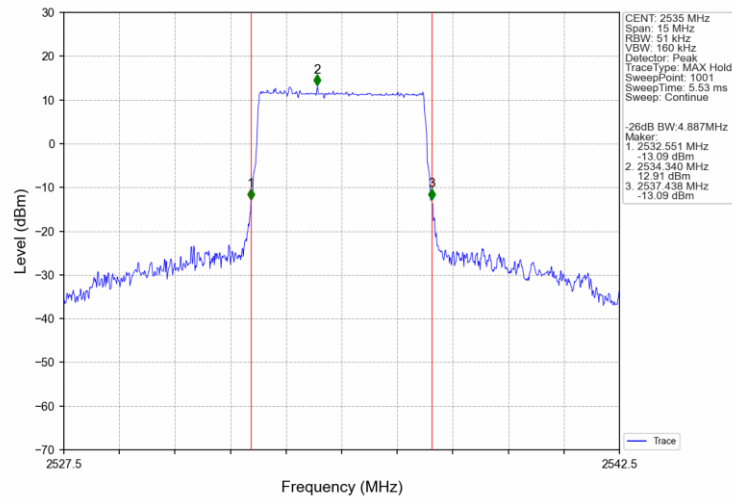
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



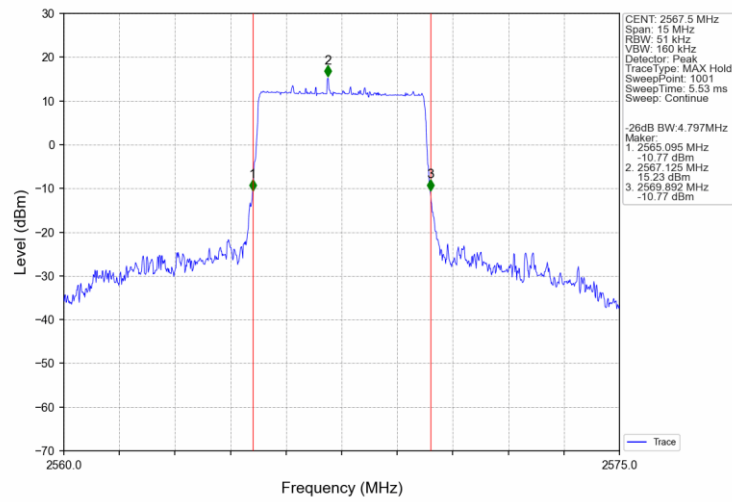
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



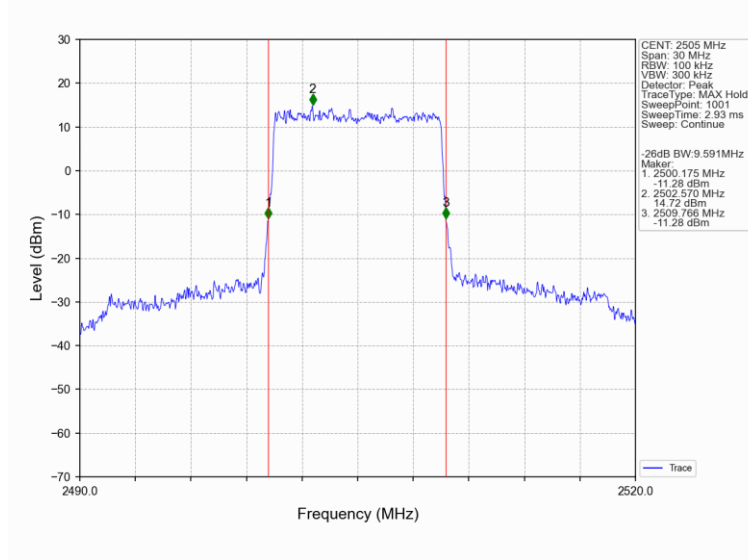
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



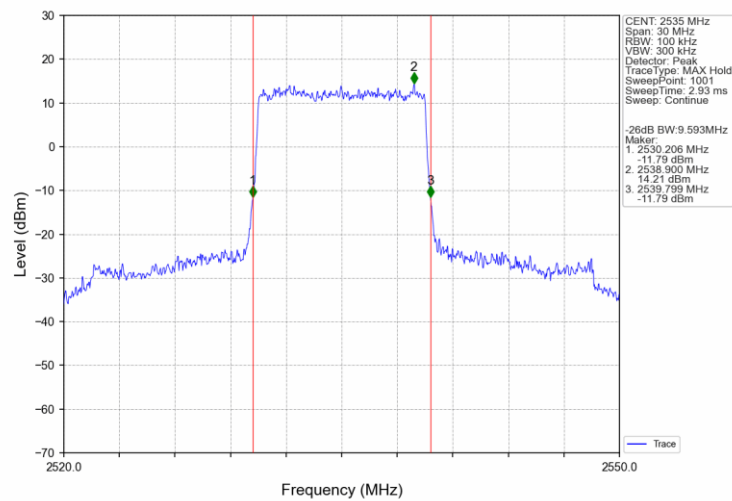
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



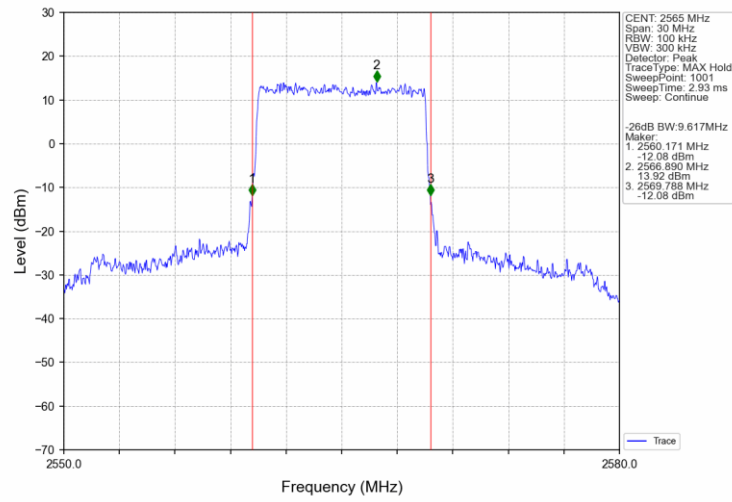
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



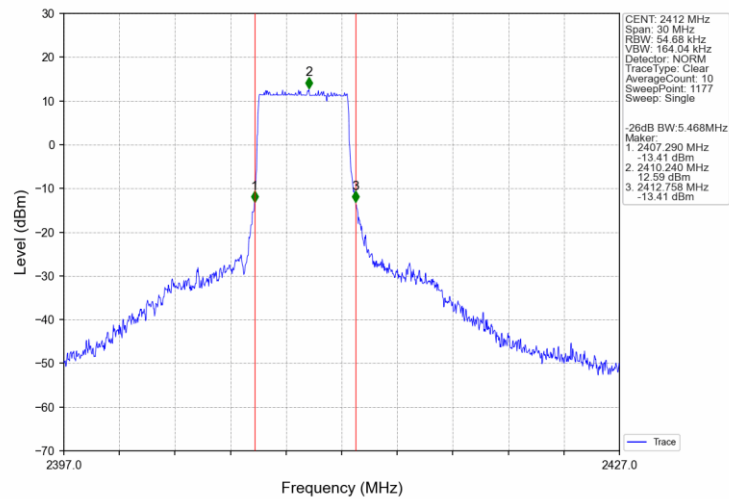
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



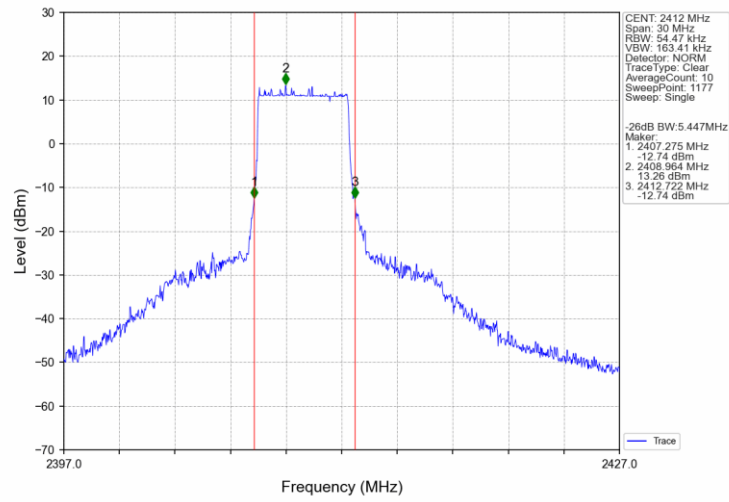
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



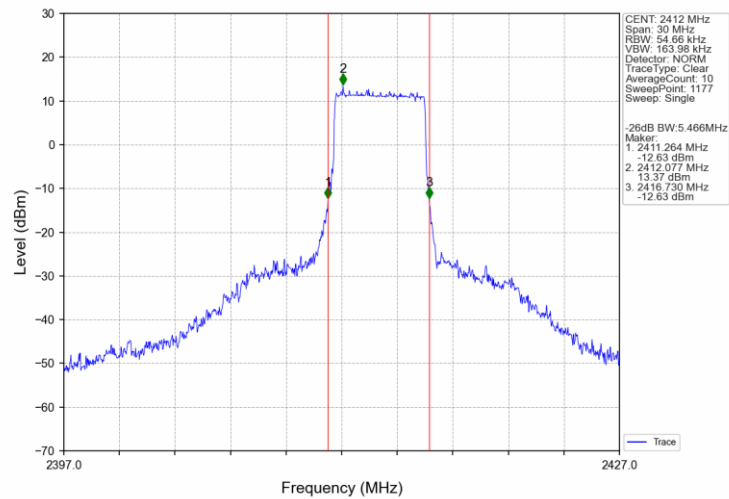
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



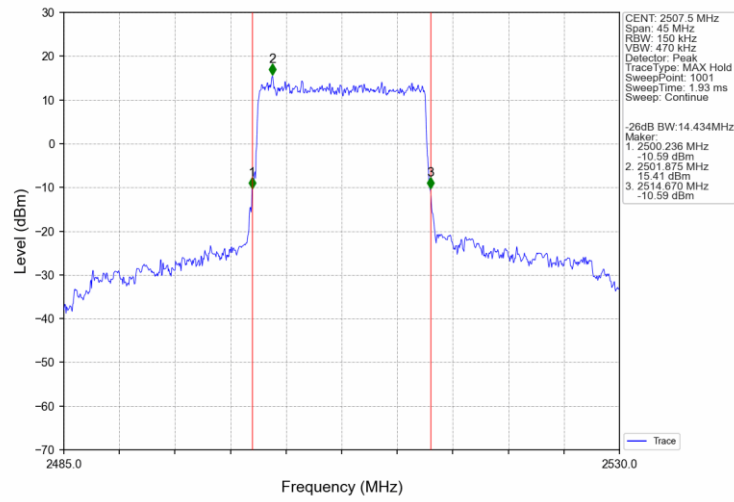
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



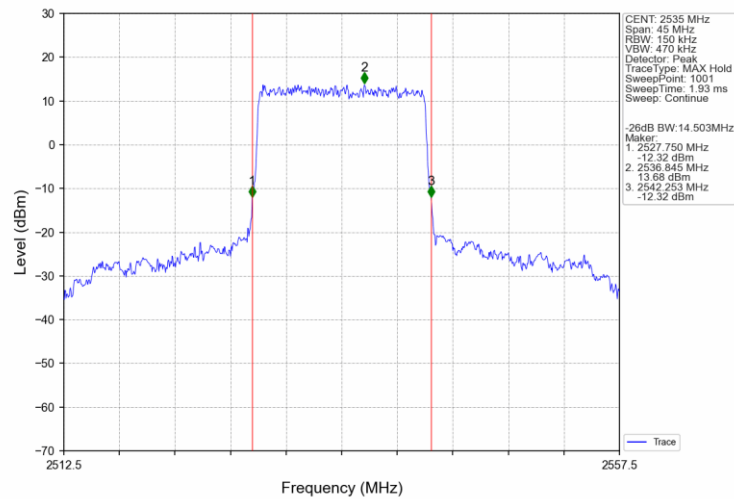
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



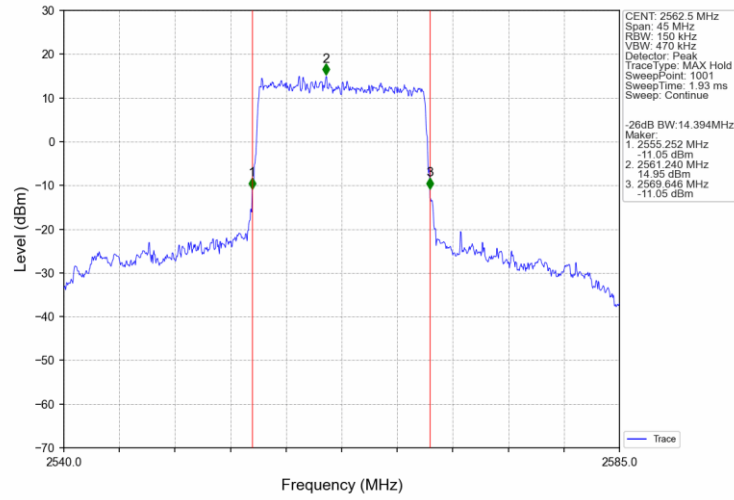
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



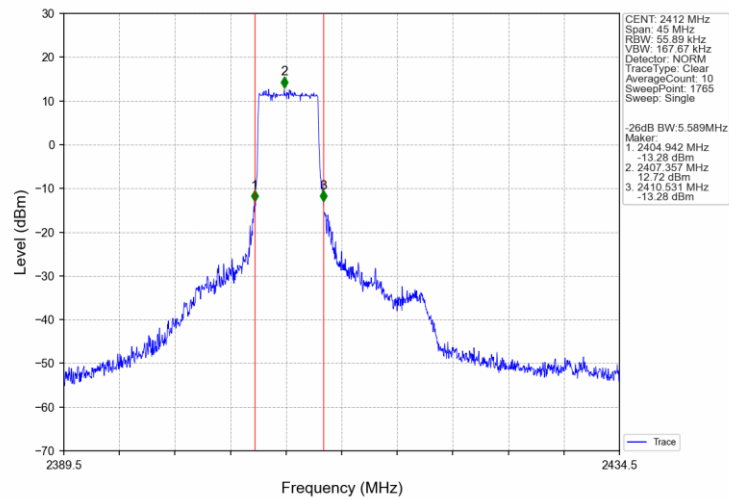
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



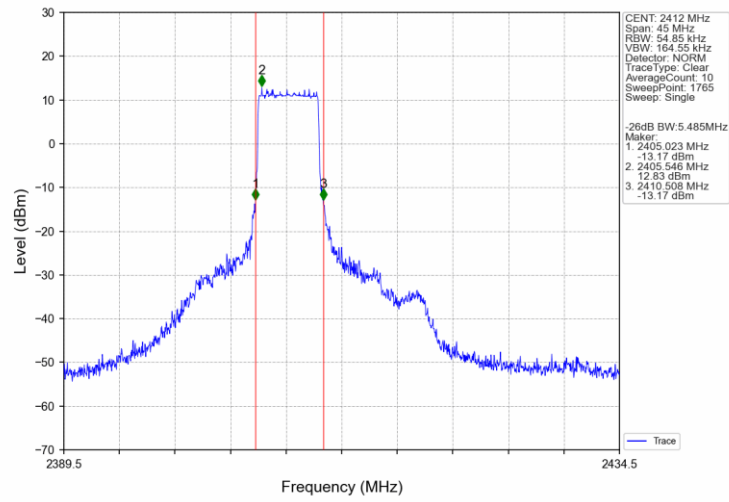
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



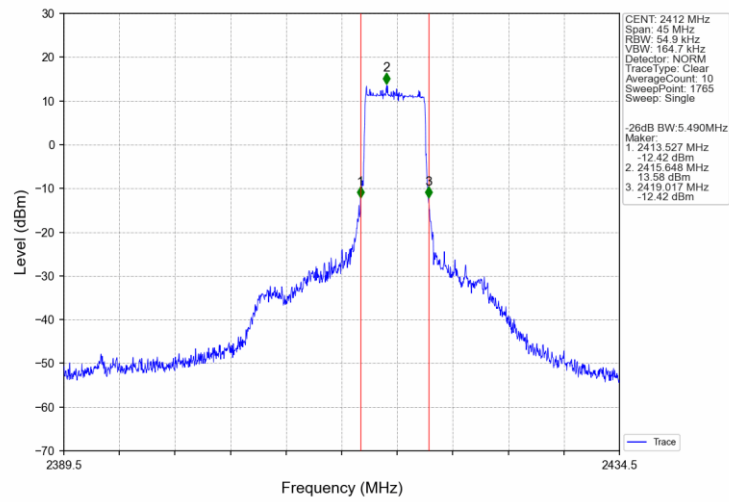
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



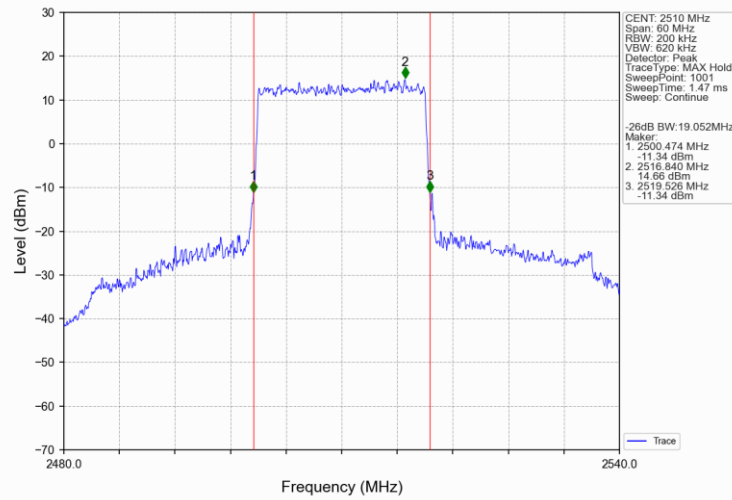
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



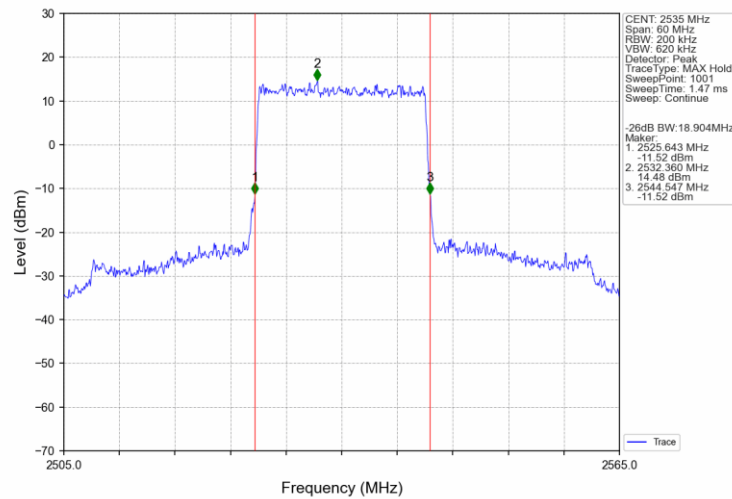
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



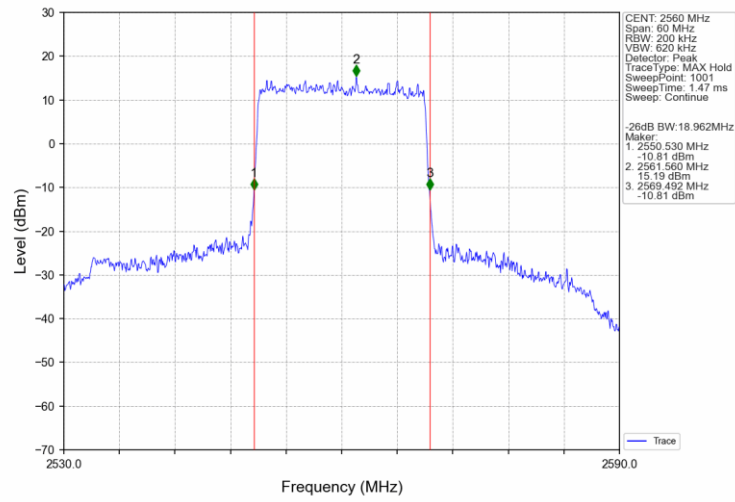
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



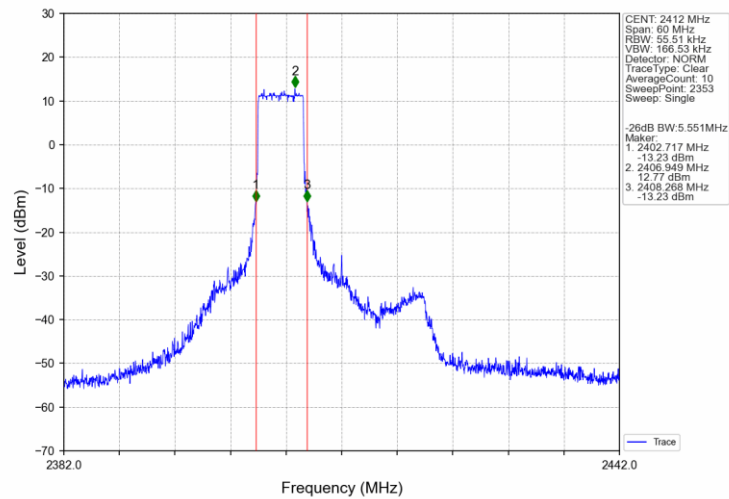
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



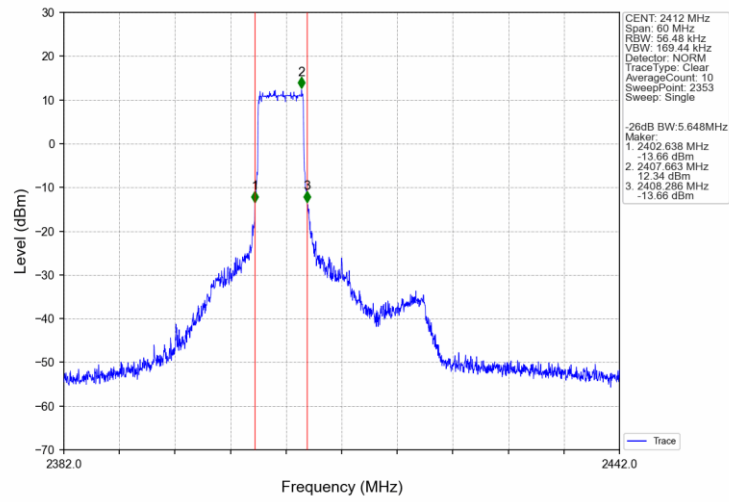
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



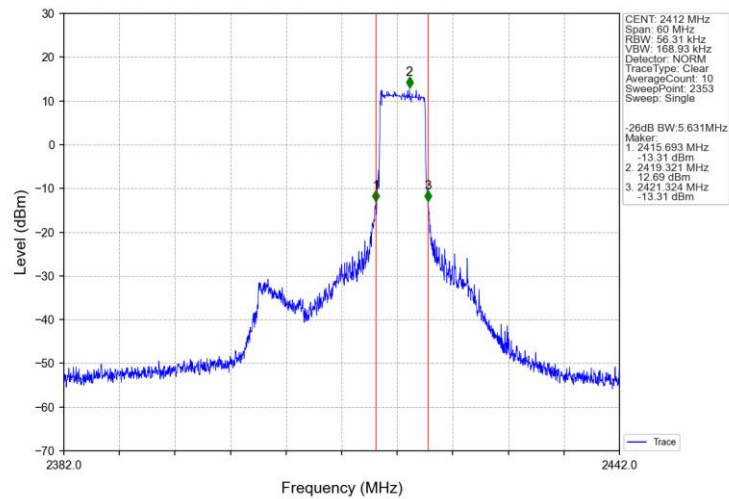
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 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	5.37	<=13	Pass
	2535	25	0	5.26	<=13	Pass
	2567.5	25	0	5.25	<=13	Pass
16QAM	2502.5	25	0	6.14	<=13	Pass
	2535	25	0	6.01	<=13	Pass
	2567.5	25	0	5.99	<=13	Pass

5.1.2 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	5.34	<=13	Pass
	2535	50	0	5.19	<=13	Pass
	2565	50	0	5.21	<=13	Pass
16QAM	2505	27	0	6.02	<=13	Pass
	2535	27	0	5.90	<=13	Pass
	2565	27	23	5.86	<=13	Pass

5.1.3 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	5.43	<=13	Pass
	2535	75	0	5.22	<=13	Pass
	2562.5	75	0	5.20	<=13	Pass
16QAM	2507.5	27	0	5.93	<=13	Pass
	2535	27	0	5.78	<=13	Pass
	2562.5	27	48	5.70	<=13	Pass

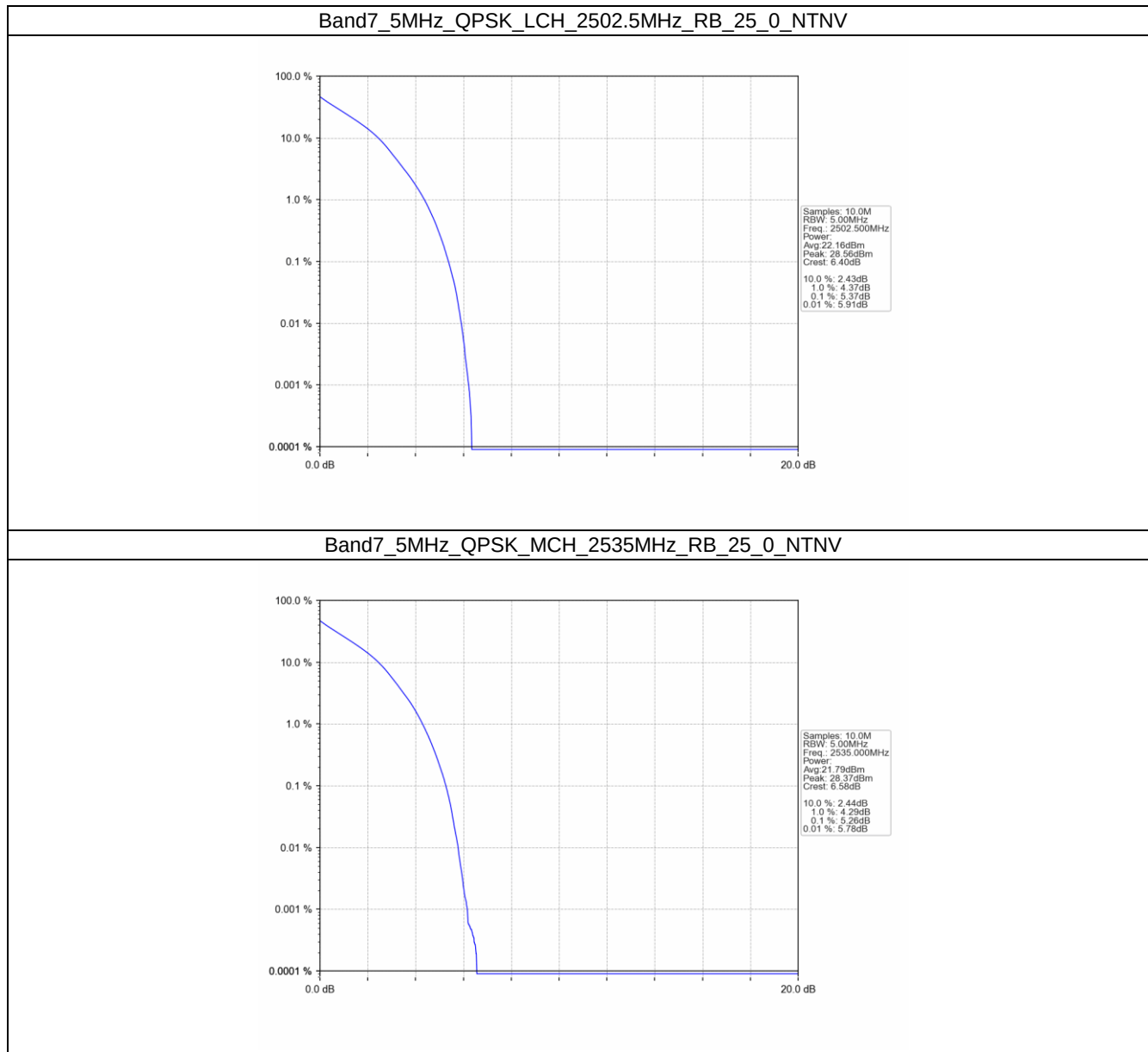
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.28	<=13	Pass
	2535	100	0	5.12	<=13	Pass

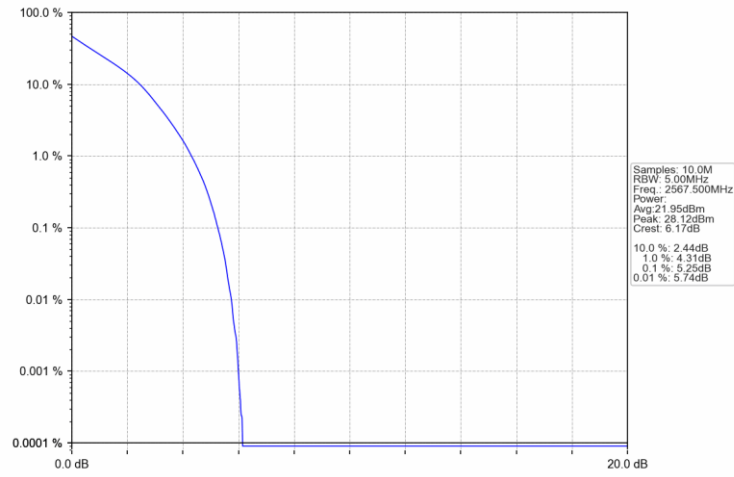
	2560	100	0	5.07	<=13	Pass
16QAM	2510	27	0	6.02	<=13	Pass
	2535	27	0	5.80	<=13	Pass
	2560	27	73	5.81	<=13	Pass

5.2 Test Graph

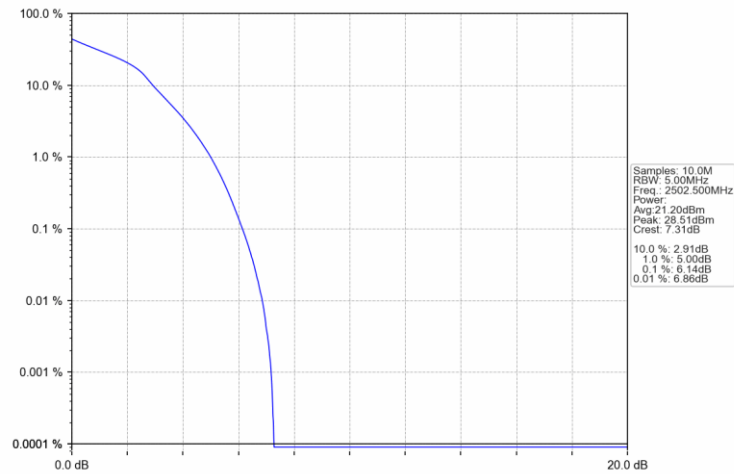
5.2.1 B7_5MHz



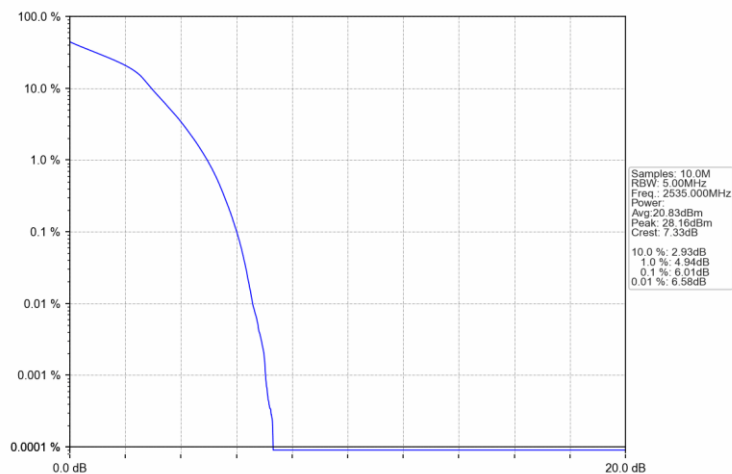
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



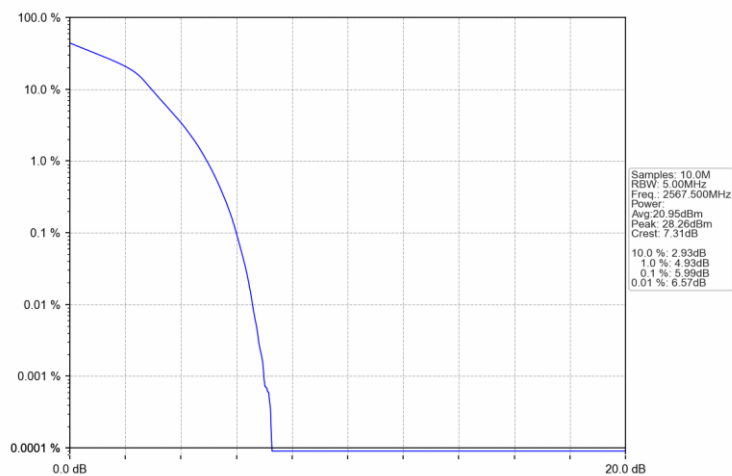
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

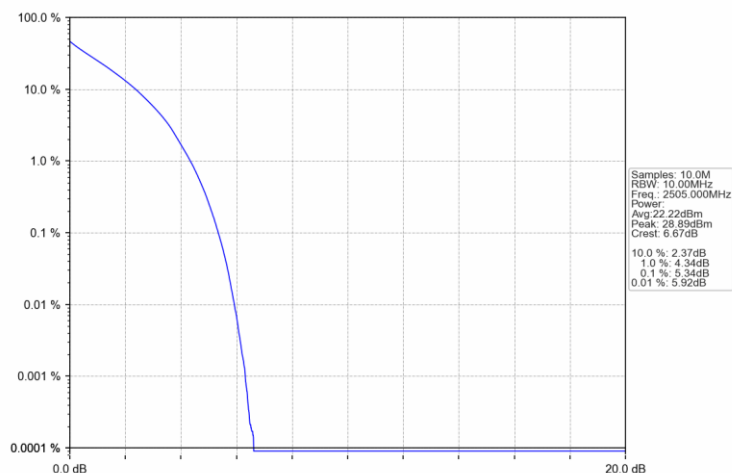


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

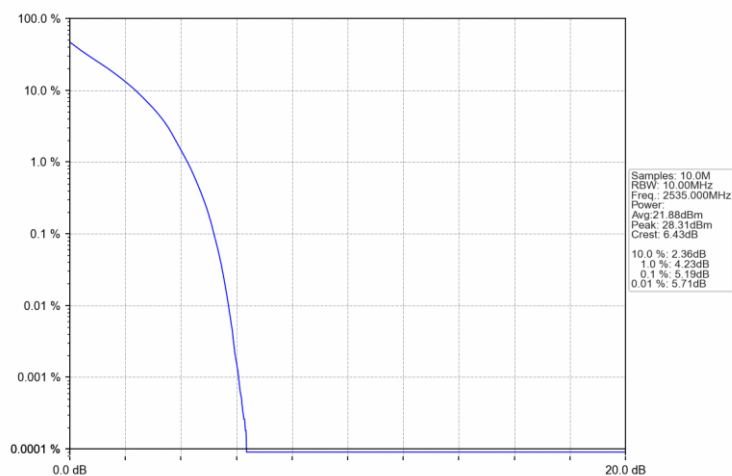


5.2.2 B7_10MHz

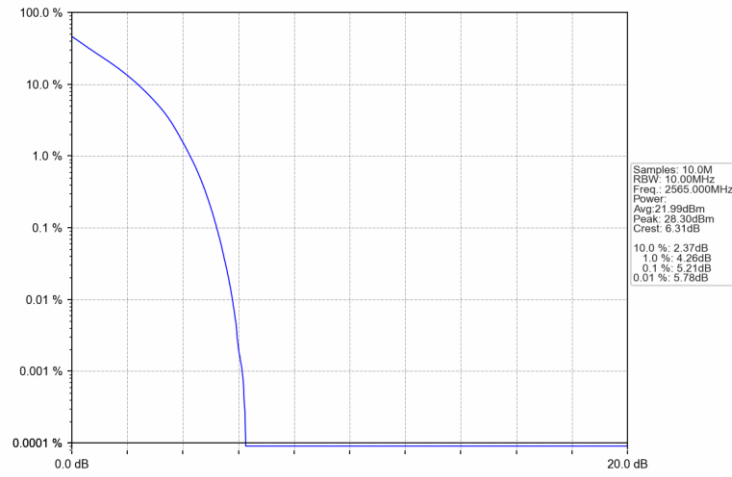
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



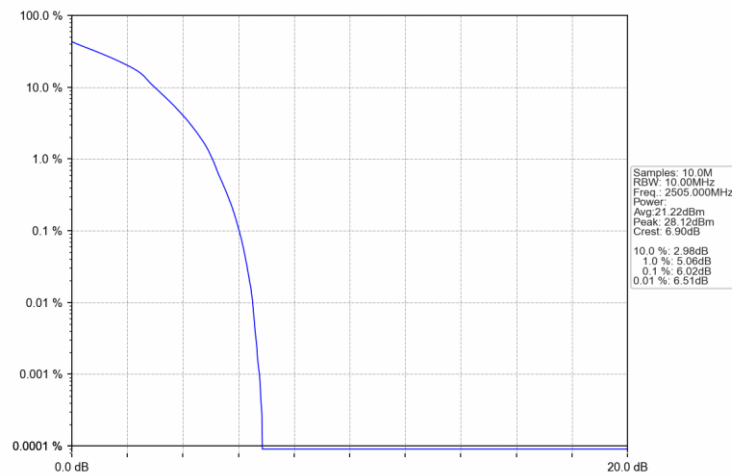
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



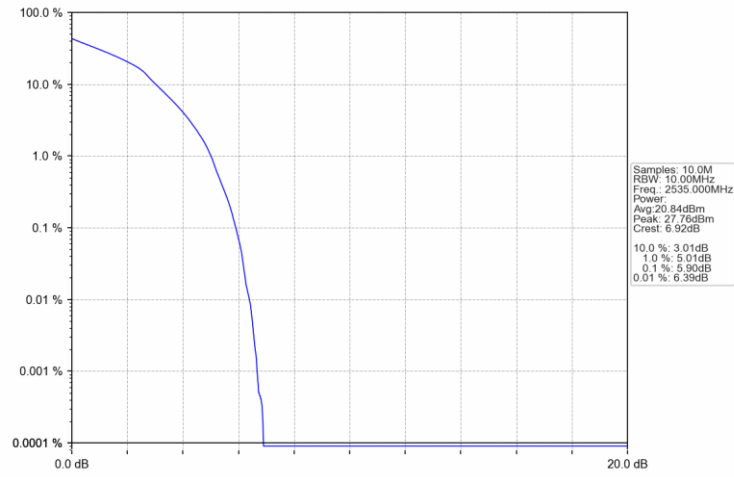
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



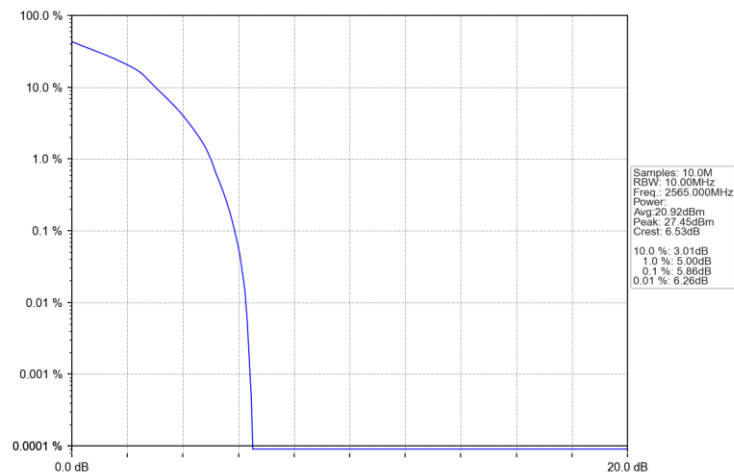
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV

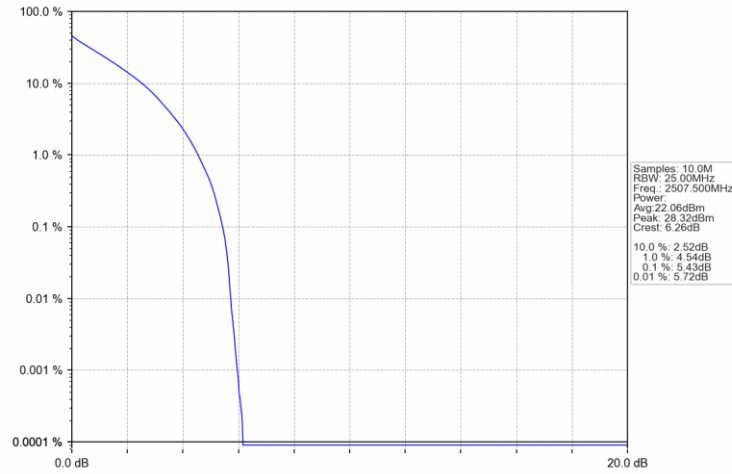


Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV

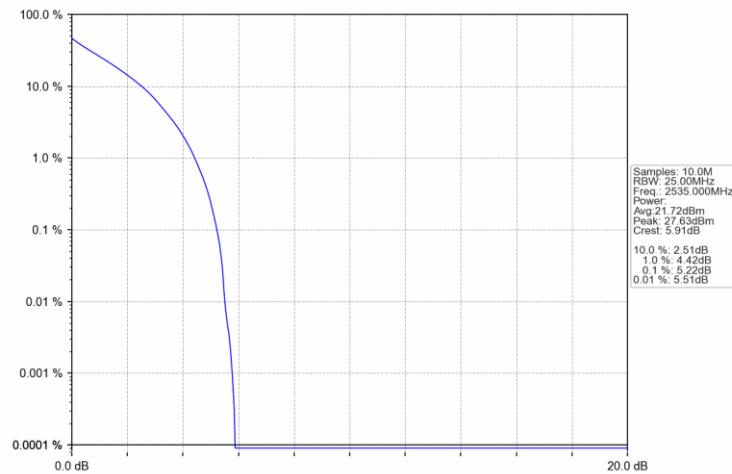


5.2.3 B7_15MHz

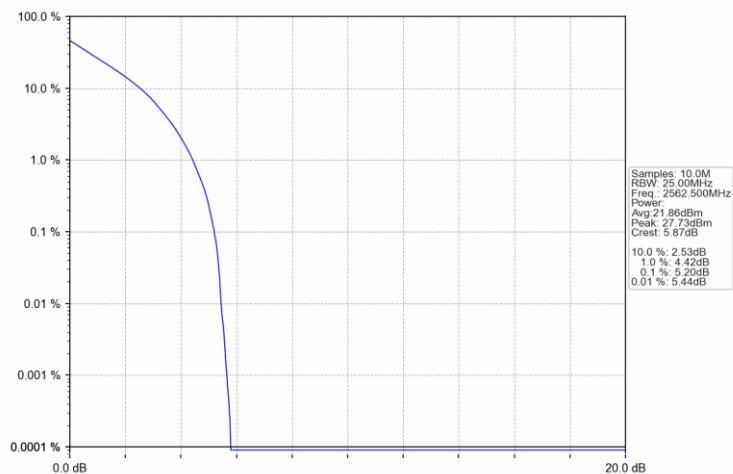
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



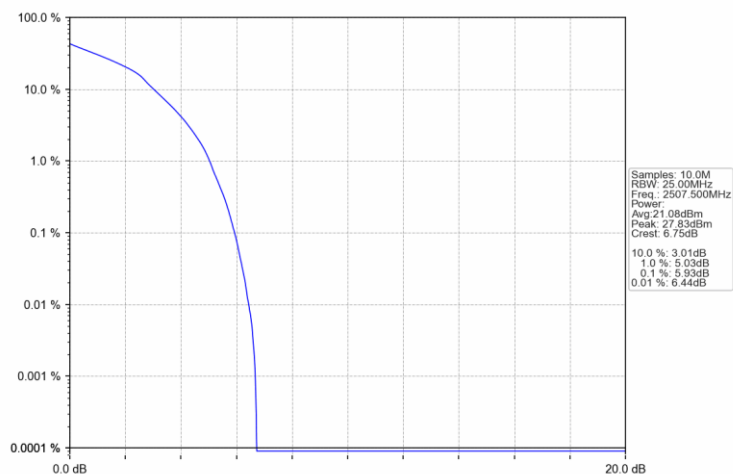
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



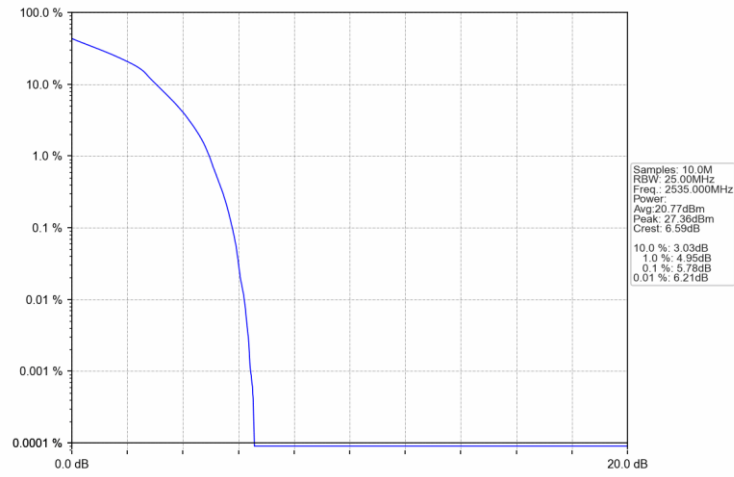
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



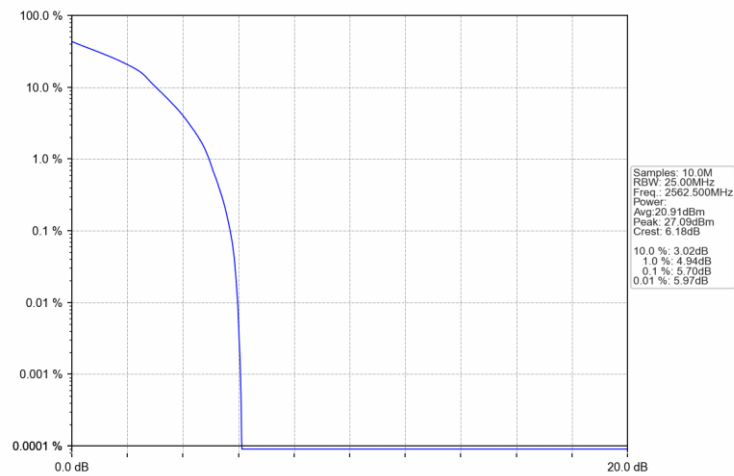
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV

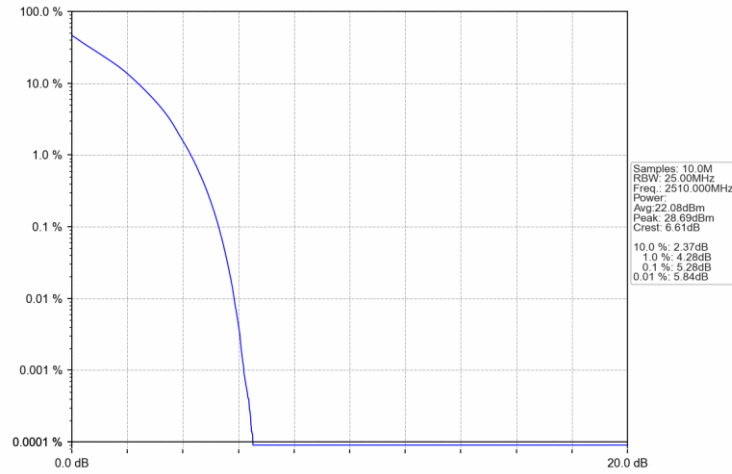


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV

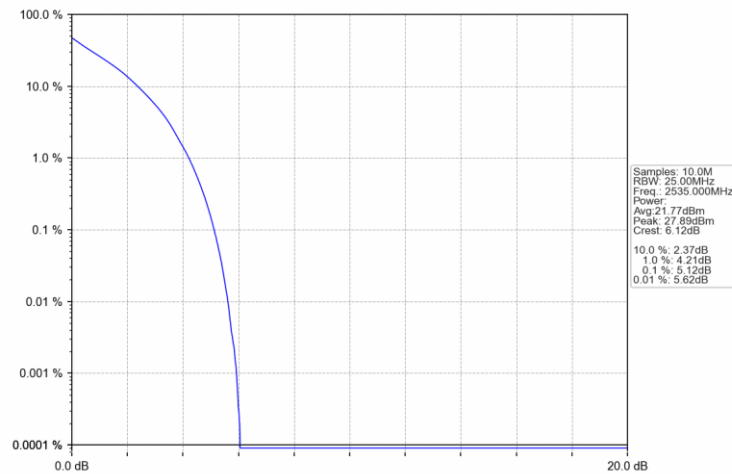


5.2.4 B7_20MHz

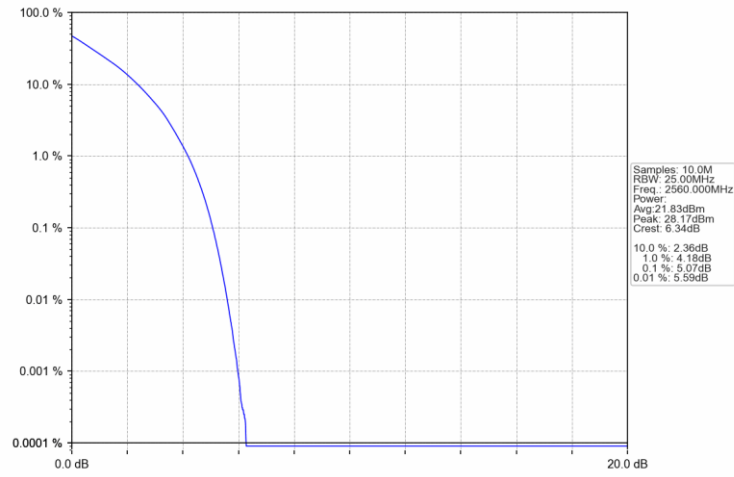
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



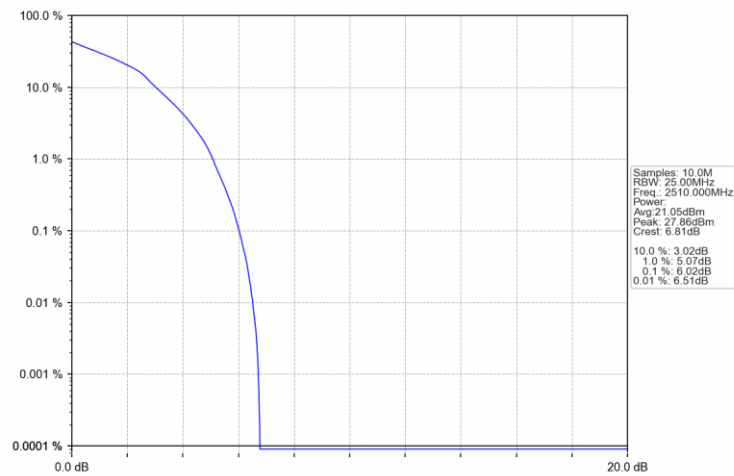
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



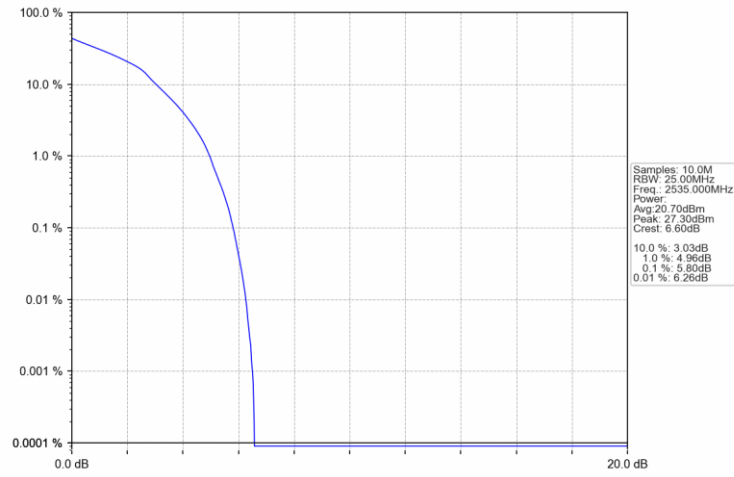
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



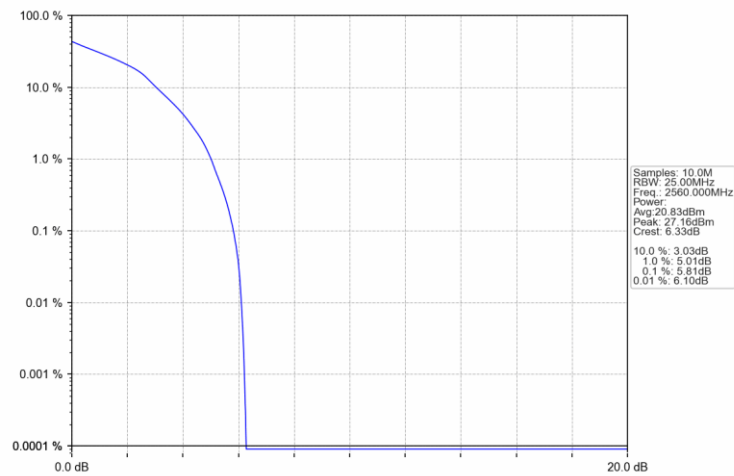
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV





6. Spurious Emission

6.1 Test Result

6.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		27	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		27	23	Refer To Test Graph		Pass

6.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		27	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		27	48	Refer To Test Graph		Pass

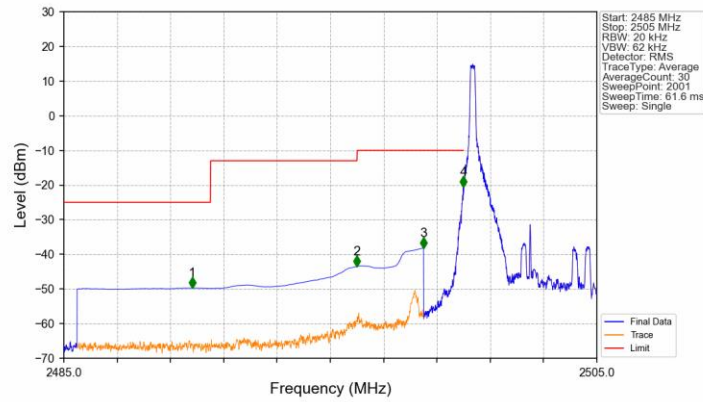
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		27	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		27	73	Refer To Test Graph		Pass

6.2 Test Graph

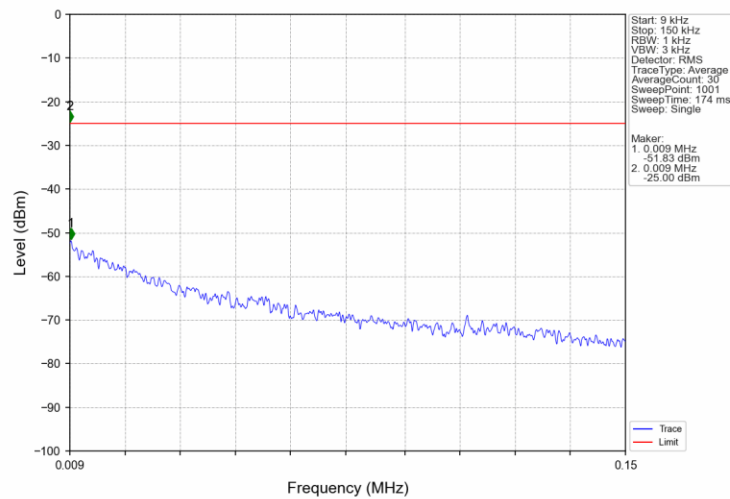
6.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

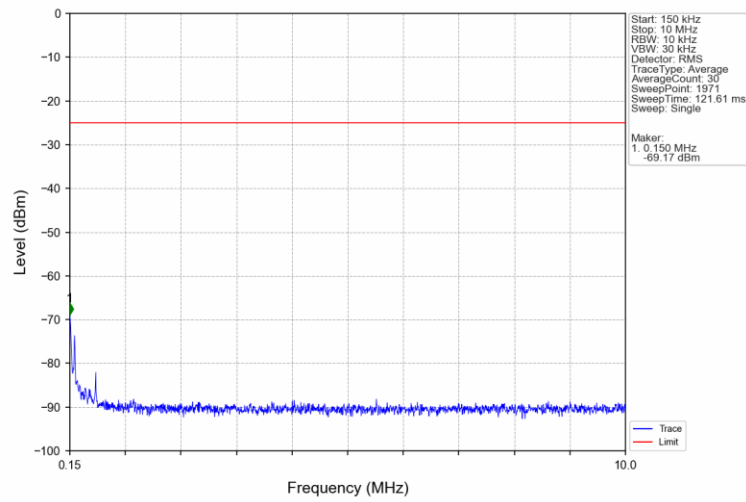


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.820	-49.71	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-43.48	-13	Pass
2496	2499	1	CHP	3	2498.500	-38.21	-10	Pass
2499	2500	0.02	/	4	2499.990	-20.61	-10	Pass
2500	2505	0.02	/	/	/	/	/	/

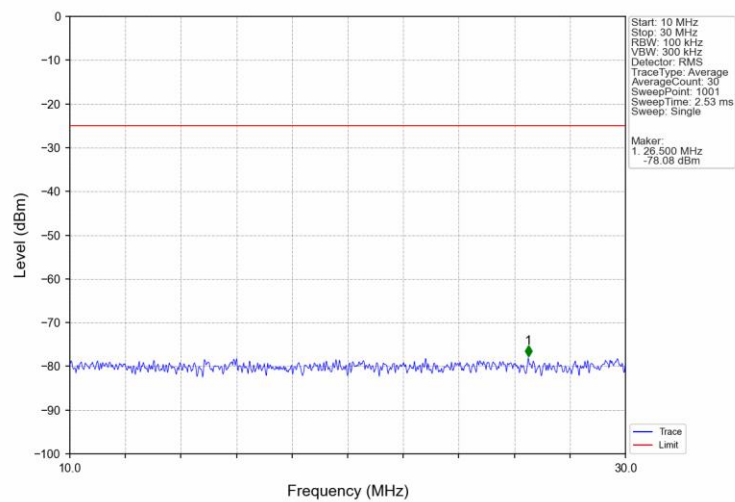
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



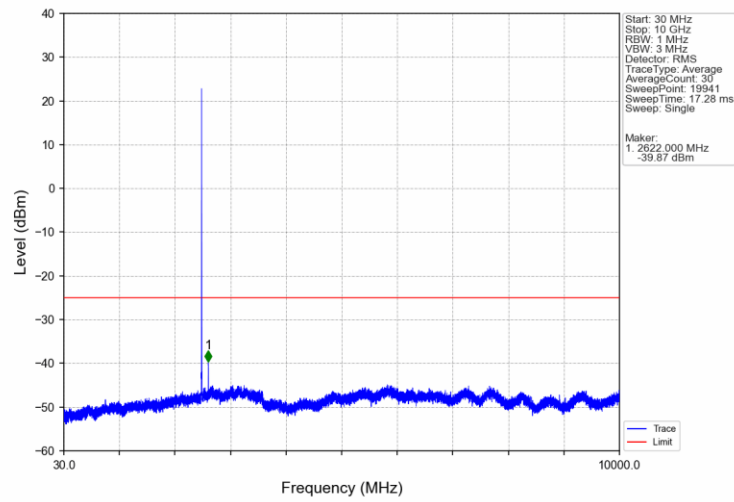
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

