

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	22.12	2.67	24.79	<=33.01	Pass
			13	22.15	2.67	24.82	<=33.01	Pass
			24	22.20	2.67	24.87	<=33.01	Pass
		12	0	21.11	2.67	23.78	<=33.01	Pass
			6	21.13	2.67	23.80	<=33.01	Pass
			13	21.18	2.67	23.85	<=33.01	Pass
		25	0	21.15	2.67	23.82	<=33.01	Pass
	2535	1	0	21.88	2.67	24.55	<=33.01	Pass
			13	21.86	2.67	24.53	<=33.01	Pass
			24	21.89	2.67	24.56	<=33.01	Pass
		12	0	21.42	2.67	24.09	<=33.01	Pass
			6	21.41	2.67	24.08	<=33.01	Pass
			13	21.44	2.67	24.11	<=33.01	Pass
		25	0	21.44	2.67	24.11	<=33.01	Pass
	2567.5	1	0	22.08	2.67	24.75	<=33.01	Pass
			13	22.11	2.67	24.78	<=33.01	Pass
			24	22.13	2.67	24.80	<=33.01	Pass
		12	0	21.55	2.67	24.22	<=33.01	Pass
			6	21.52	2.67	24.19	<=33.01	Pass
			13	21.53	2.67	24.20	<=33.01	Pass
		25	0	21.58	2.67	24.25	<=33.01	Pass
16QAM	2502.5	1	0	20.98	2.67	23.65	<=33.01	Pass
			13	20.97	2.67	23.64	<=33.01	Pass
			24	20.99	2.67	23.66	<=33.01	Pass
		12	0	20.06	2.67	22.73	<=33.01	Pass
			6	20.07	2.67	22.74	<=33.01	Pass
			13	20.14	2.67	22.81	<=33.01	Pass
		25	0	20.19	2.67	22.86	<=33.01	Pass
	2535	1	0	21.14	2.67	23.81	<=33.01	Pass
			13	21.12	2.67	23.79	<=33.01	Pass
			24	21.12	2.67	23.79	<=33.01	Pass
		12	0	20.41	2.67	23.08	<=33.01	Pass
			6	20.40	2.67	23.07	<=33.01	Pass
			13	20.41	2.67	23.08	<=33.01	Pass
		25	0	20.44	2.67	23.11	<=33.01	Pass
	2567.5	1	0	21.23	2.67	23.90	<=33.01	Pass
			13	21.27	2.67	23.94	<=33.01	Pass
			24	21.31	2.67	23.98	<=33.01	Pass
		12	0	20.66	2.67	23.33	<=33.01	Pass
			6	20.61	2.67	23.28	<=33.01	Pass
			13	20.60	2.67	23.27	<=33.01	Pass
		25	0	20.60	2.67	23.27	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

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	21.51	2.67	24.18	<=33.01	Pass
			25	21.61	2.67	24.28	<=33.01	Pass
			49	21.59	2.67	24.26	<=33.01	Pass
		25	0	21.10	2.67	23.77	<=33.01	Pass
			13	21.21	2.67	23.88	<=33.01	Pass
			25	21.24	2.67	23.91	<=33.01	Pass
		50	0	21.18	2.67	23.85	<=33.01	Pass
			0	21.91	2.67	24.58	<=33.01	Pass
			25	22.06	2.67	24.73	<=33.01	Pass
	2535	1	49	22.05	2.67	24.72	<=33.01	Pass
			0	21.41	2.67	24.08	<=33.01	Pass
			13	21.46	2.67	24.13	<=33.01	Pass
		25	25	21.51	2.67	24.18	<=33.01	Pass
			0	21.50	2.67	24.17	<=33.01	Pass
			0	21.93	2.67	24.60	<=33.01	Pass
		2565	25	22.04	2.67	24.71	<=33.01	Pass
			49	22.03	2.67	24.70	<=33.01	Pass
			0	21.62	2.67	24.29	<=33.01	Pass
			13	21.57	2.67	24.24	<=33.01	Pass
			25	21.60	2.67	24.27	<=33.01	Pass
			0	21.62	2.67	24.29	<=33.01	Pass
16QAM	2505	1	0	20.78	2.67	23.45	<=33.01	Pass
			25	20.85	2.67	23.52	<=33.01	Pass
			49	20.86	2.67	23.53	<=33.01	Pass
		25	0	20.11	2.67	22.78	<=33.01	Pass
			13	20.18	2.67	22.85	<=33.01	Pass
			25	20.26	2.67	22.93	<=33.01	Pass
		50	0	20.13	2.67	22.80	<=33.01	Pass
			0	20.99	2.67	23.66	<=33.01	Pass
			25	21.13	2.67	23.80	<=33.01	Pass
	2535	1	49	21.11	2.67	23.78	<=33.01	Pass
			0	20.48	2.67	23.15	<=33.01	Pass
			13	20.53	2.67	23.20	<=33.01	Pass
		25	25	20.59	2.67	23.26	<=33.01	Pass
			0	20.50	2.67	23.17	<=33.01	Pass
			0	21.13	2.67	23.80	<=33.01	Pass
		2565	25	21.22	2.67	23.89	<=33.01	Pass
			49	21.20	2.67	23.87	<=33.01	Pass
			0	20.64	2.67	23.31	<=33.01	Pass
			13	20.60	2.67	23.27	<=33.01	Pass
			25	20.66	2.67	23.33	<=33.01	Pass
			0	20.59	2.67	23.26	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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	21.48	2.67	24.15	<=33.01	Pass		
			38	21.61	2.67	24.28	<=33.01	Pass		
			74	21.60	2.67	24.27	<=33.01	Pass		
		36	0	21.05	2.67	23.72	<=33.01	Pass		
			18	21.14	2.67	23.81	<=33.01	Pass		
			39	21.20	2.67	23.87	<=33.01	Pass		
		75	0	21.13	2.67	23.80	<=33.01	Pass		
		2535	1	0	21.84	2.67	24.51	<=33.01	Pass	
				38	22.07	2.67	24.74	<=33.01	Pass	
	74			22.02	2.67	24.69	<=33.01	Pass		
	36		0	21.39	2.67	24.06	<=33.01	Pass		
			18	21.43	2.67	24.10	<=33.01	Pass		
			39	21.50	2.67	24.17	<=33.01	Pass		
	75		0	21.46	2.67	24.13	<=33.01	Pass		
	2562.5		1	0	21.86	2.67	24.53	<=33.01	Pass	
				38	22.03	2.67	24.70	<=33.01	Pass	
		74		21.94	2.67	24.61	<=33.01	Pass		
		36	0	21.50	2.67	24.17	<=33.01	Pass		
			18	21.50	2.67	24.17	<=33.01	Pass		
			39	21.51	2.67	24.18	<=33.01	Pass		
		75	0	21.59	2.67	24.26	<=33.01	Pass		
		16QAM	2507.5	1	0	21.08	2.67	23.75	<=33.01	Pass
					38	21.17	2.67	23.84	<=33.01	Pass
	74				21.13	2.67	23.80	<=33.01	Pass	
36	0			20.07	2.67	22.74	<=33.01	Pass		
	18			20.15	2.67	22.82	<=33.01	Pass		
	39			20.20	2.67	22.87	<=33.01	Pass		
75	0			20.08	2.67	22.75	<=33.01	Pass		
2535	1			0	20.91	2.67	23.58	<=33.01	Pass	
				38	21.14	2.67	23.81	<=33.01	Pass	
			74	21.11	2.67	23.78	<=33.01	Pass		
	36		0	20.41	2.67	23.08	<=33.01	Pass		
			18	20.47	2.67	23.14	<=33.01	Pass		
			39	20.51	2.67	23.18	<=33.01	Pass		
	75		0	20.44	2.67	23.11	<=33.01	Pass		
	2562.5		1	0	21.06	2.67	23.73	<=33.01	Pass	
				38	21.23	2.67	23.90	<=33.01	Pass	
74				21.16	2.67	23.83	<=33.01	Pass		
36			0	20.56	2.67	23.23	<=33.01	Pass		
			18	20.56	2.67	23.23	<=33.01	Pass		
			39	20.61	2.67	23.28	<=33.01	Pass		
75			0	20.61	2.67	23.28	<=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	21.60	2.67	24.27	<=33.01	Pass
			50	21.75	2.67	24.42	<=33.01	Pass
			99	21.71	2.67	24.38	<=33.01	Pass
		50	0	21.00	2.67	23.67	<=33.01	Pass
			25	21.23	2.67	23.90	<=33.01	Pass
			50	21.22	2.67	23.89	<=33.01	Pass
		100	0	21.11	2.67	23.78	<=33.01	Pass
			0	21.67	2.67	24.34	<=33.01	Pass
			50	21.93	2.67	24.60	<=33.01	Pass
	2535	1	99	21.87	2.67	24.54	<=33.01	Pass
			0	21.43	2.67	24.10	<=33.01	Pass
			25	21.52	2.67	24.19	<=33.01	Pass
		50	50	21.60	2.67	24.27	<=33.01	Pass
			0	21.50	2.67	24.17	<=33.01	Pass
			0	21.83	2.67	24.50	<=33.01	Pass
		100	50	22.06	2.67	24.73	<=33.01	Pass
			99	22.01	2.67	24.68	<=33.01	Pass
			0	21.66	2.67	24.33	<=33.01	Pass
16QAM	2510	1	25	21.59	2.67	24.26	<=33.01	Pass
			50	21.58	2.67	24.25	<=33.01	Pass
			0	21.61	2.67	24.28	<=33.01	Pass
		50	0	20.77	2.67	23.44	<=33.01	Pass
			50	20.95	2.67	23.62	<=33.01	Pass
			99	20.95	2.67	23.62	<=33.01	Pass
		100	0	20.01	2.67	22.68	<=33.01	Pass
			25	20.20	2.67	22.87	<=33.01	Pass
			50	20.19	2.67	22.86	<=33.01	Pass
	2535	1	0	20.11	2.67	22.78	<=33.01	Pass
			0	21.12	2.67	23.79	<=33.01	Pass
			50	21.37	2.67	24.04	<=33.01	Pass
		50	99	21.31	2.67	23.98	<=33.01	Pass
			0	20.44	2.67	23.11	<=33.01	Pass
			25	20.53	2.67	23.20	<=33.01	Pass
		100	50	20.61	2.67	23.28	<=33.01	Pass
			0	20.50	2.67	23.17	<=33.01	Pass
			0	21.07	2.67	23.74	<=33.01	Pass
	2560	1	50	21.28	2.67	23.95	<=33.01	Pass
			99	21.24	2.67	23.91	<=33.01	Pass
			0	20.66	2.67	23.33	<=33.01	Pass
		50	25	20.59	2.67	23.26	<=33.01	Pass
			50	20.54	2.67	23.21	<=33.01	Pass
			0	20.61	2.67	23.28	<=33.01	Pass
		100	0					

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	-3.133	-0.0013	-2.5 to 2.5	Pass
					3.85	4.992	0.0020	-2.5 to 2.5	Pass
					4.43	0.615	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	9.098	0.0036	-2.5 to 2.5	Pass
				-10	3.85	7.353	0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-6.952	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
					4.43	-10.171	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-8.998	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0021	-2.5 to 2.5	Pass
					4.43	-12.174	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-5.951	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-8.268	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.197	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-13.604	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0016	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	0.744	0.0003	-2.5 to 2.5	Pass
					3.85	3.662	0.0015	-2.5 to 2.5	Pass
					4.43	-2.089	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	4.463	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0026	-2.5 to 2.5	Pass
				0	3.85	6.008	0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-7.582	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0017	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.194	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass

				0	3.85	-2.947	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-10.028	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.183	-0.0032	-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	-4.807	-0.0019	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0019	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-13.719	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-9.570	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0005	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0018	-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	-1.087	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.861	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-5.679	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.777	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	3.834	0.0015	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.85	3.791	0.0015	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0014	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0014	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-4.177	-0.0016	-2.5 to 2.5	Pass
					3.85	0.687	0.0003	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	1.445	0.0006	-2.5 to 2.5	Pass
					3.85	-3.276	-0.0013	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass

				-30	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0019	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0001	-2.5 to 2.5	Pass
				50	3.85	9.499	0.0038	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-2.732	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.046	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.933	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0023	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	1.044	0.0004	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.646	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.001	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0007	-2.5 to 2.5	Pass
				30	3.85	3.362	0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.817	-0.0007	-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	-0.901	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				50	3.85	2.089	0.0008	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	1.087	0.0004	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.676	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
				10	3.85	4.907	0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0021	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	-1.574	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.448	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0018	-2.5 to 2.5	Pass
				40	3.85	2.389	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.835	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0003	-2.5 to 2.5	Pass
				10	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-4.778	-0.0019	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.575	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.518	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.688	0.0007	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-0.572	-0.0002	-2.5 to 2.5	Pass
					3.85	-11.830	-0.0046	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0010	-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	1.945	0.0008	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.418	0.0010	-2.5 to 2.5	Pass
				0	3.85	4.420	0.0018	-2.5 to 2.5	Pass
				10	3.85	3.133	0.0012	-2.5 to 2.5	Pass

				30	3.85	-1.173	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-0.300	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.475	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-9.484	-0.0037	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	1.945	0.0008	-2.5 to 2.5	Pass
					3.85	2.189	0.0009	-2.5 to 2.5	Pass
					4.43	2.761	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	2.518	0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-16.766	-0.0065	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	1.631	0.0006	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0010	-2.5 to 2.5	Pass
					4.43	0.701	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.476	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-14.620	-0.0058	-2.5 to 2.5	Pass
					3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.973	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.950	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-4.478	-0.0018	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0015	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-1.073	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0001	-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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	50	0	Refer To Test Graph		Pass
16QAM	2535	50	0	Refer To Test Graph		Pass

3.1.3 B7_15MHz

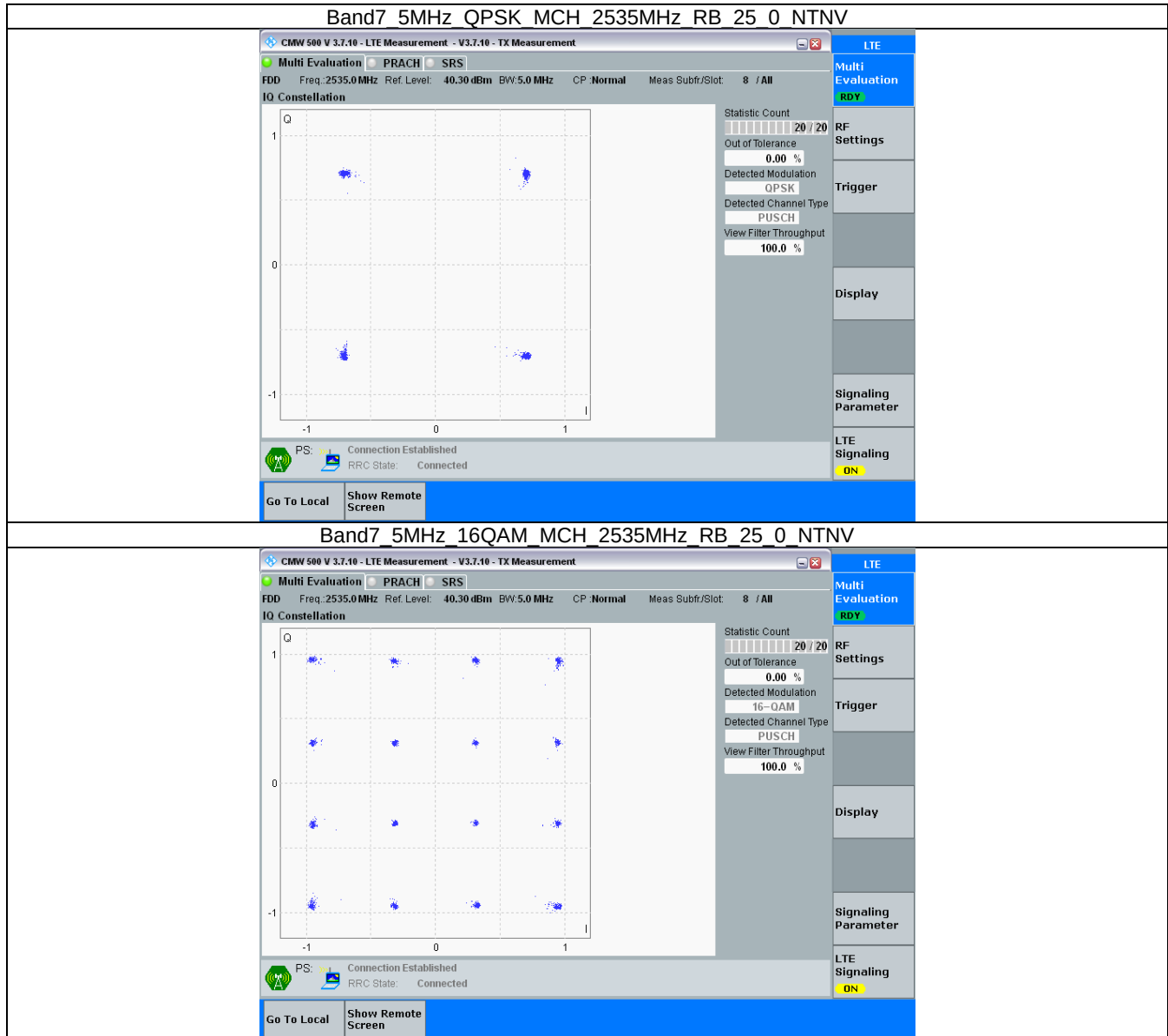
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

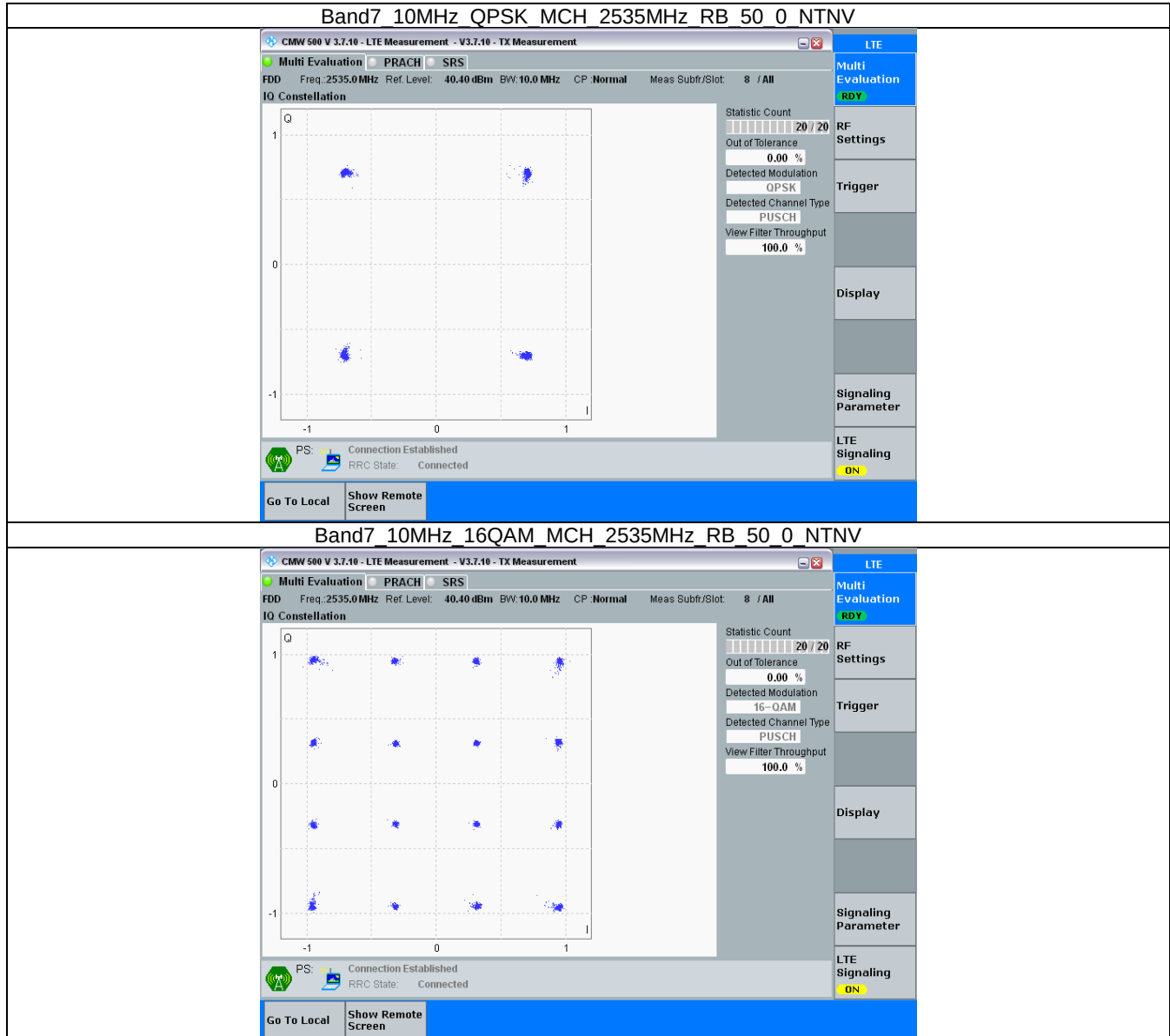
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

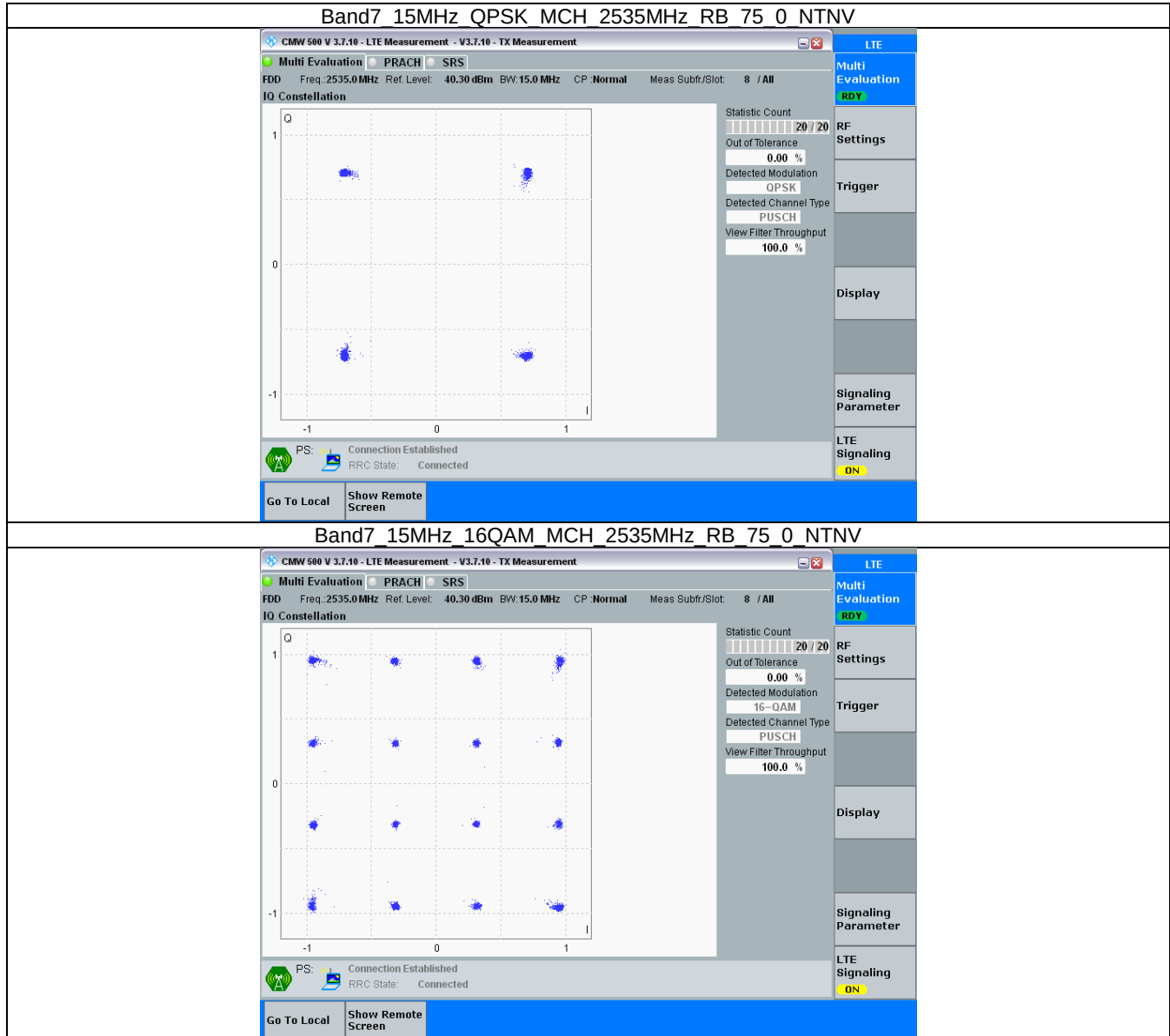
3.2.1 B7_5MHz



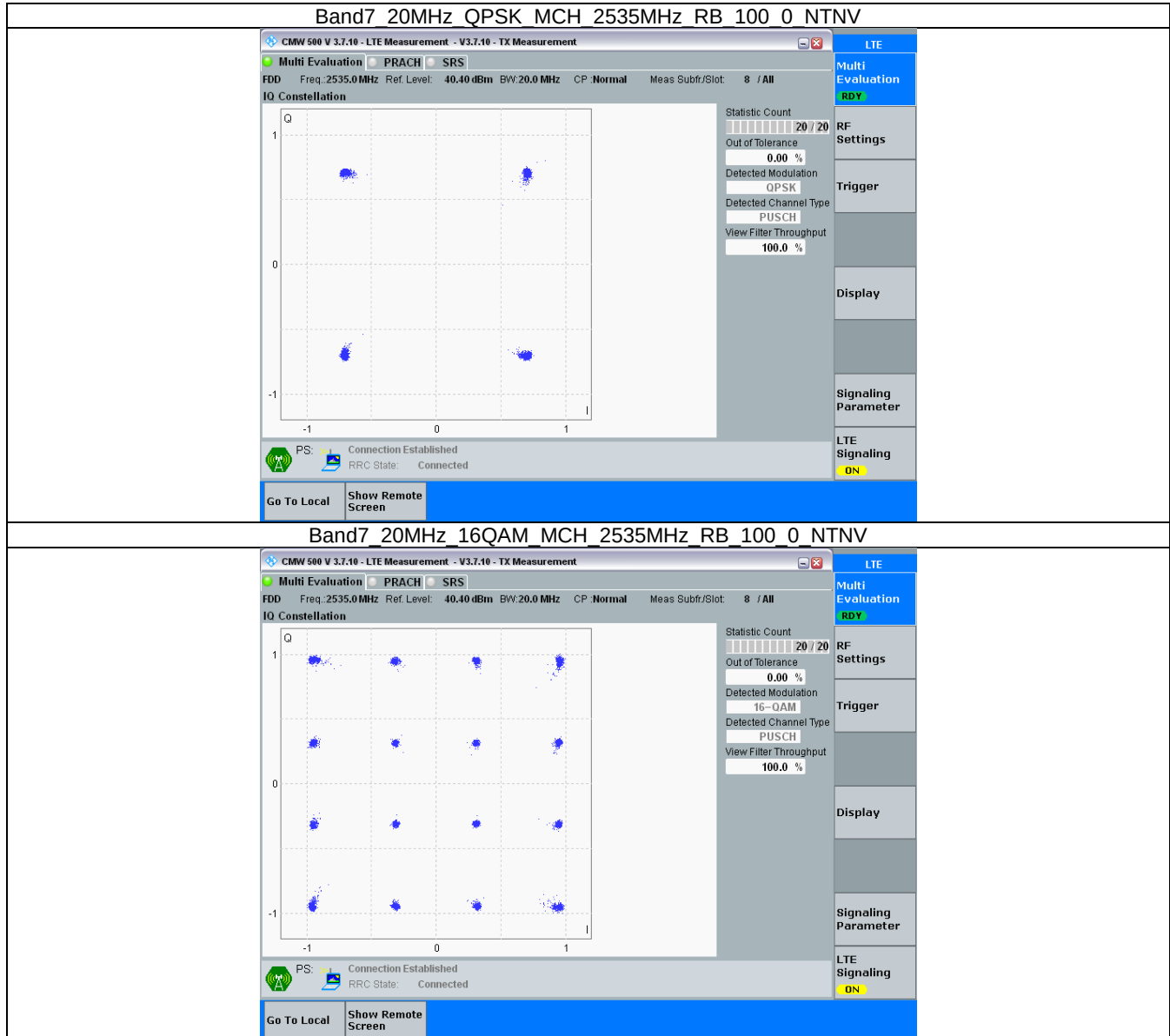
3.2.2 B7_10MHz



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 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.519	/	Pass
		2535	25	0	4.513	/	Pass
		2567.5	25	0	4.535	/	Pass
	16QAM	2502.5	25	0	4.515	/	Pass
		2535	25	0	4.523	/	Pass
		2567.5	25	0	4.515	/	Pass
10	QPSK	2505	50	0	8.969	/	Pass
		2535	50	0	8.966	/	Pass
		2565	50	0	8.985	/	Pass
	16QAM	2505	50	0	8.966	/	Pass
		2535	50	0	8.976	/	Pass
		2565	50	0	8.959	/	Pass
15	QPSK	2507.5	75	0	13.420	/	Pass
		2535	75	0	13.456	/	Pass
		2562.5	75	0	13.477	/	Pass
	16QAM	2507.5	75	0	13.436	/	Pass
		2535	75	0	13.483	/	Pass
		2562.5	75	0	13.455	/	Pass
20	QPSK	2510	100	0	17.830	/	Pass
		2535	100	0	17.900	/	Pass
		2560	100	0	17.870	/	Pass
	16QAM	2510	100	0	17.839	/	Pass
		2535	100	0	17.908	/	Pass
		2560	100	0	17.925	/	Pass

4.1.2 Band7_XDB

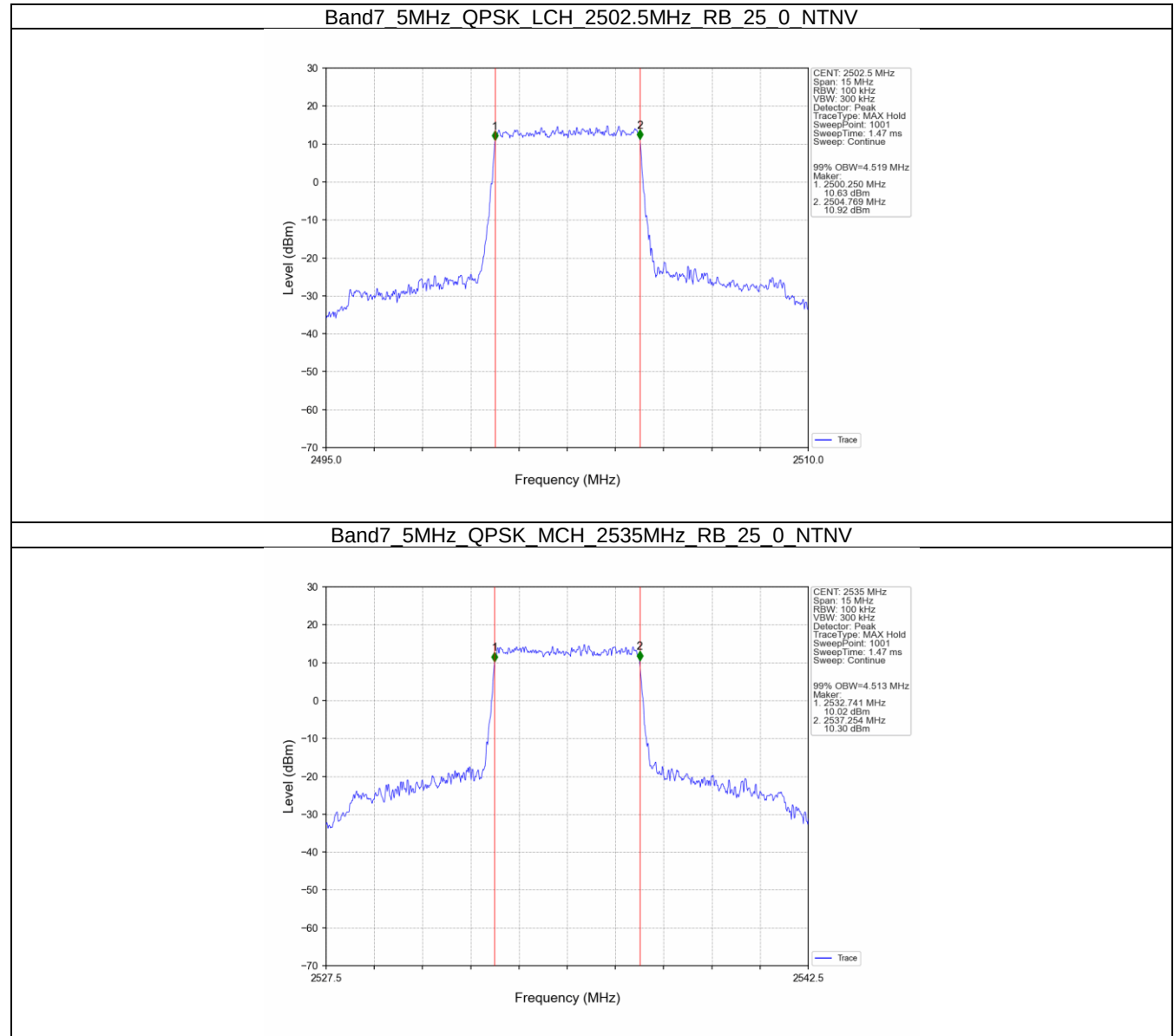
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.981	/	Pass
		2535	25	0	4.982	/	Pass
		2567.5	25	0	4.983	/	Pass
	16QAM	2502.5	25	0	4.961	/	Pass
		2535	25	0	4.988	/	Pass
		2567.5	25	0	4.988	/	Pass
10	QPSK	2505	50	0	9.683	/	Pass
		2535	50	0	9.600	/	Pass
		2565	50	0	9.580	/	Pass
	16QAM	2505	50	0	9.662	/	Pass
		2535	50	0	9.550	/	Pass
		2565	50	0	9.498	/	Pass
15	QPSK	2507.5	75	0	14.393	/	Pass
		2535	75	0	14.441	/	Pass
		2562.5	75	0	14.636	/	Pass
	16QAM	2507.5	75	0	14.516	/	Pass
		2535	75	0	14.494	/	Pass
		2562.5	75	0	14.427	/	Pass
20	QPSK	2510	100	0	19.193	/	Pass



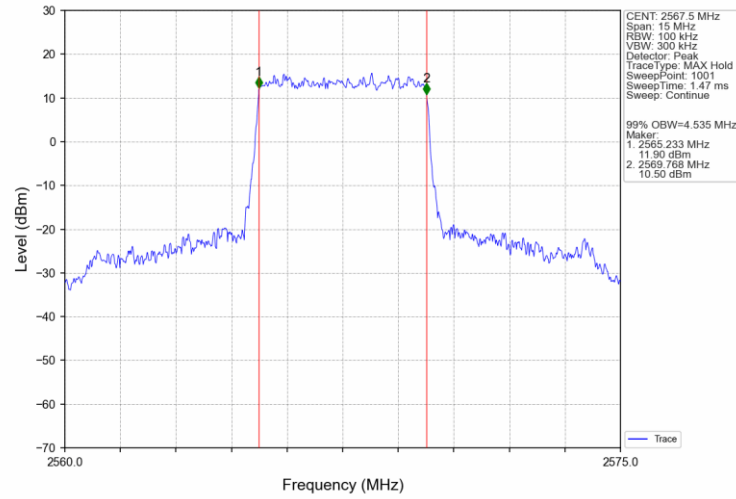
		2535	100	0	19.080	/	Pass
		2560	100	0	18.853	/	Pass
	16QAM	2510	100	0	18.941	/	Pass
		2535	100	0	19.108	/	Pass
		2560	100	0	19.034	/	Pass

4.2 Test Graph

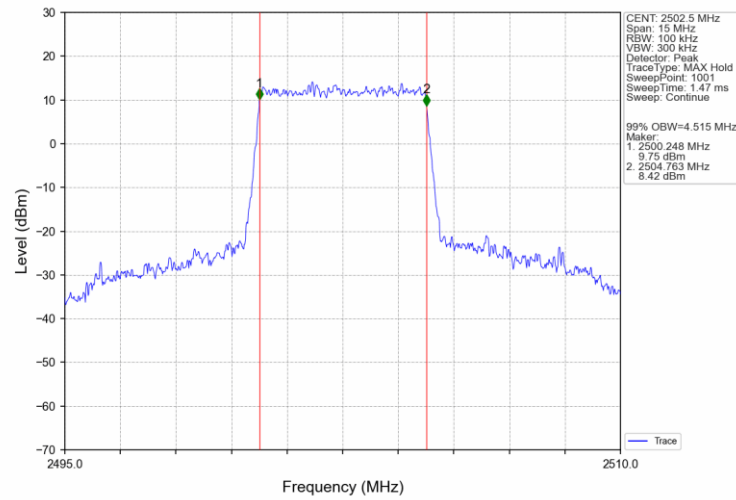
4.2.1 Band7_OBW



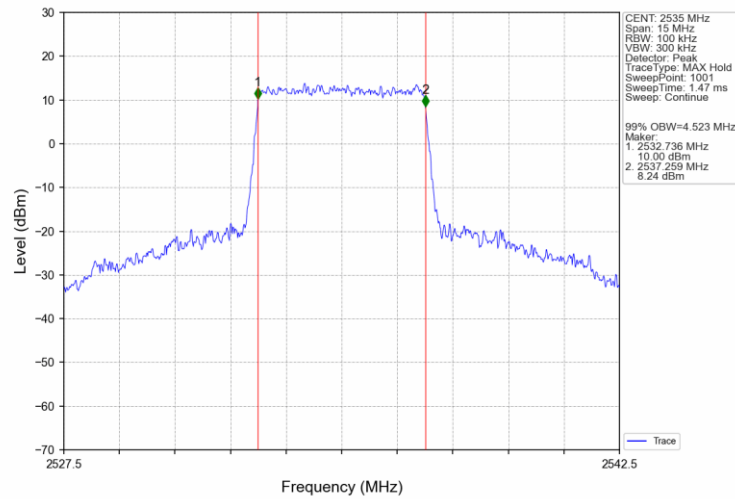
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



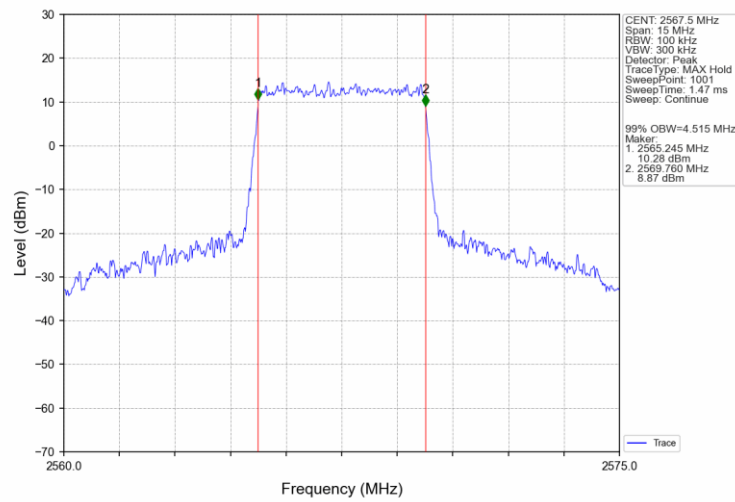
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



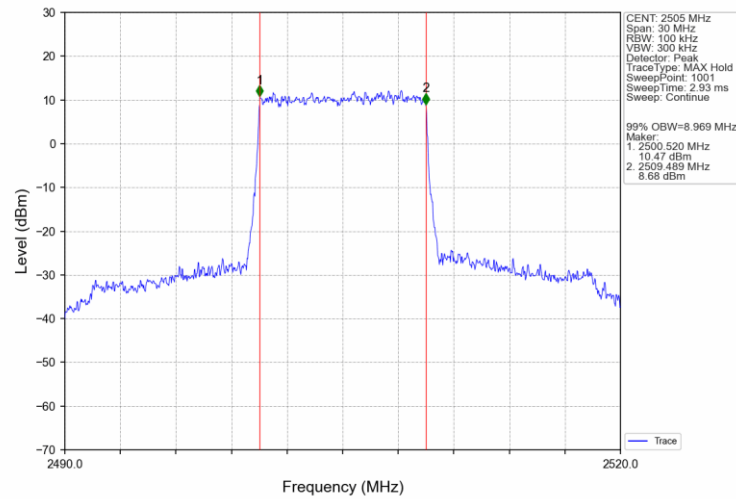
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



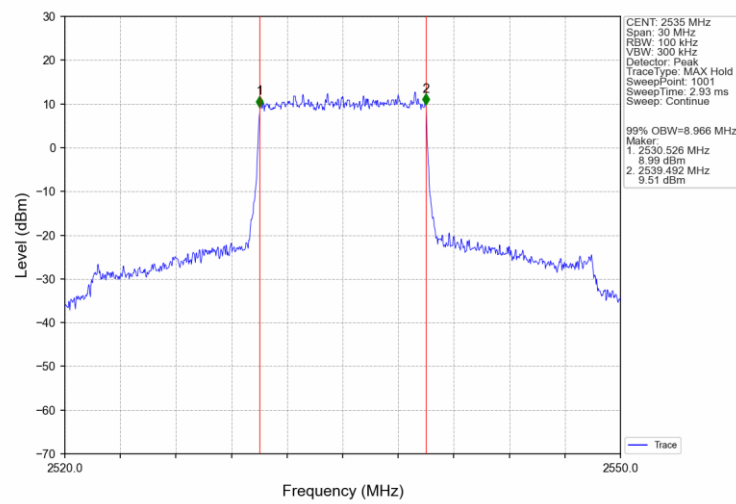
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



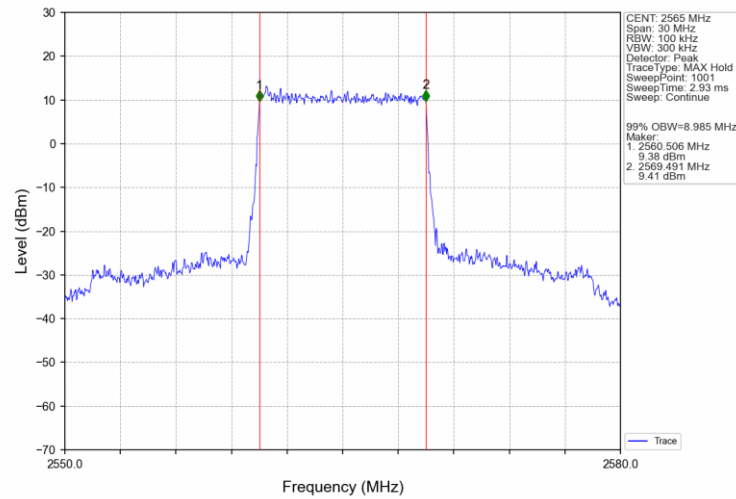
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



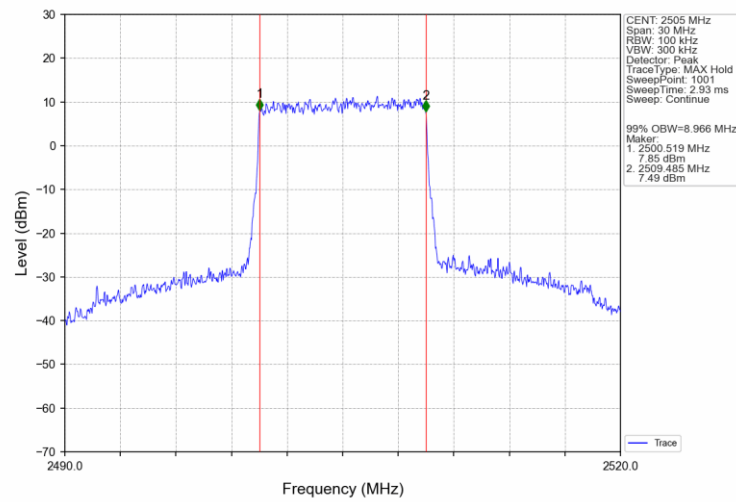
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



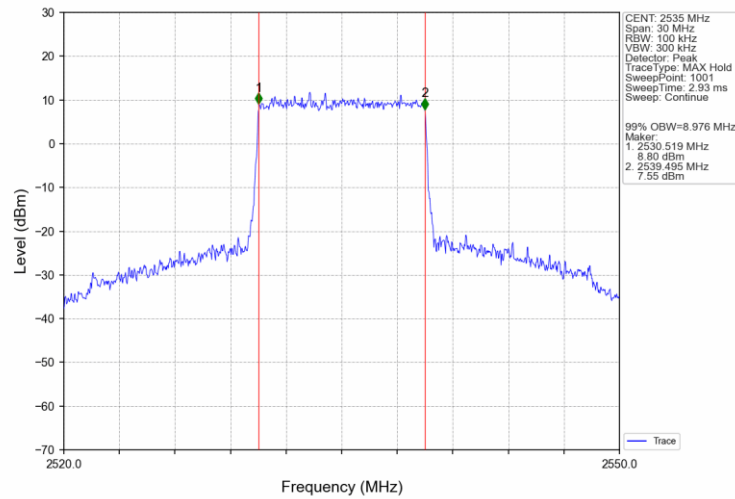
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



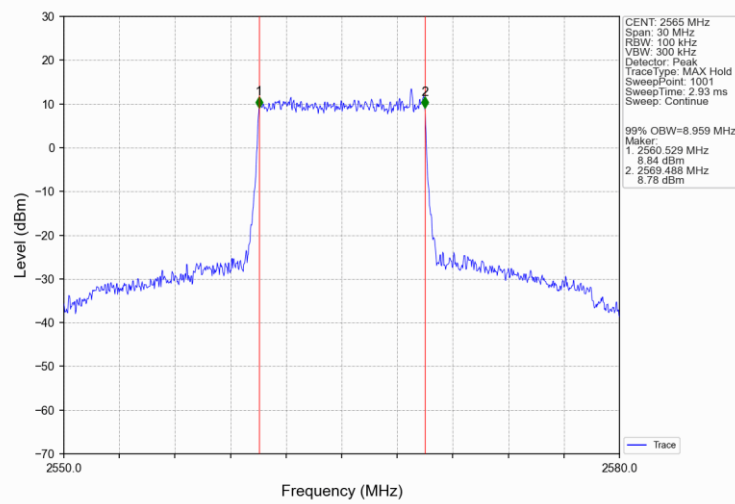
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



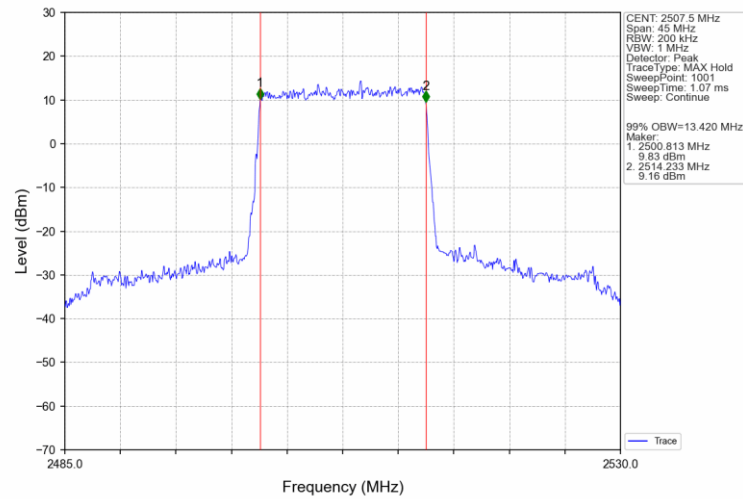
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



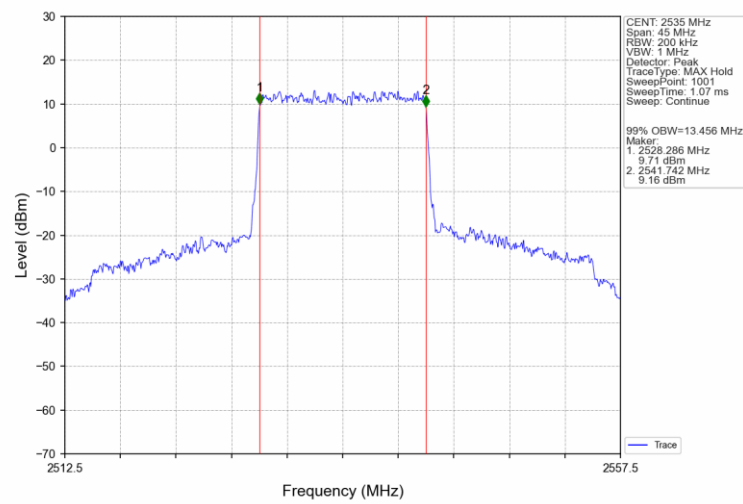
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



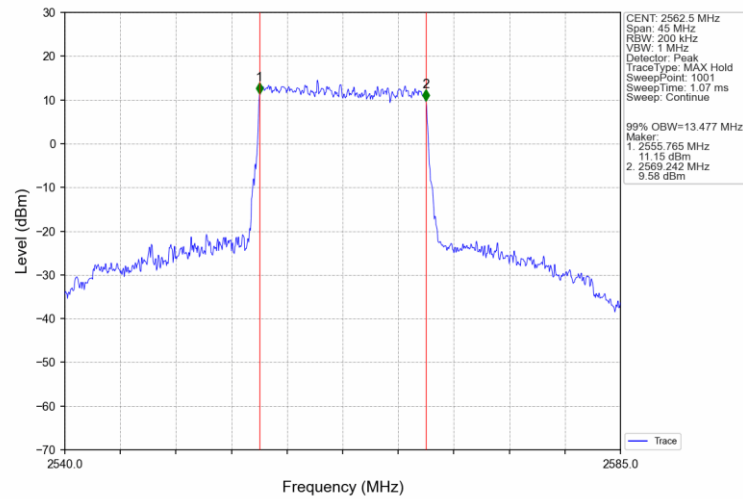
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



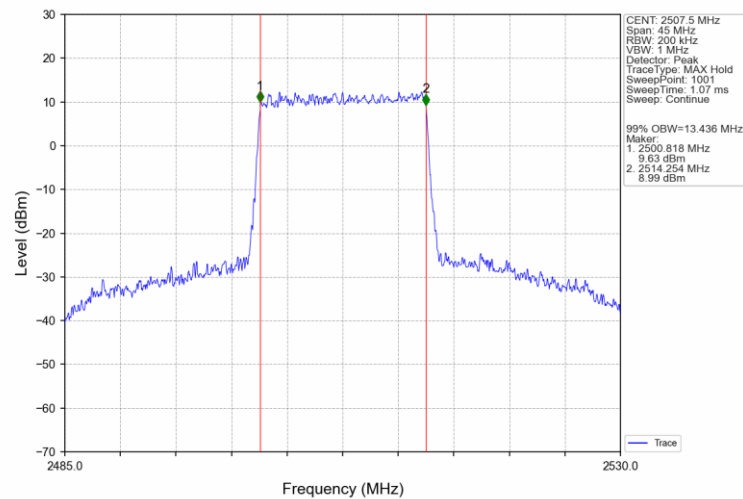
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



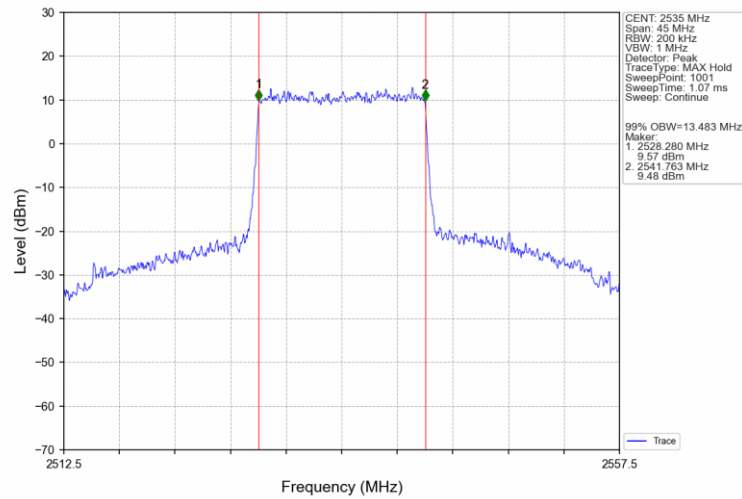
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



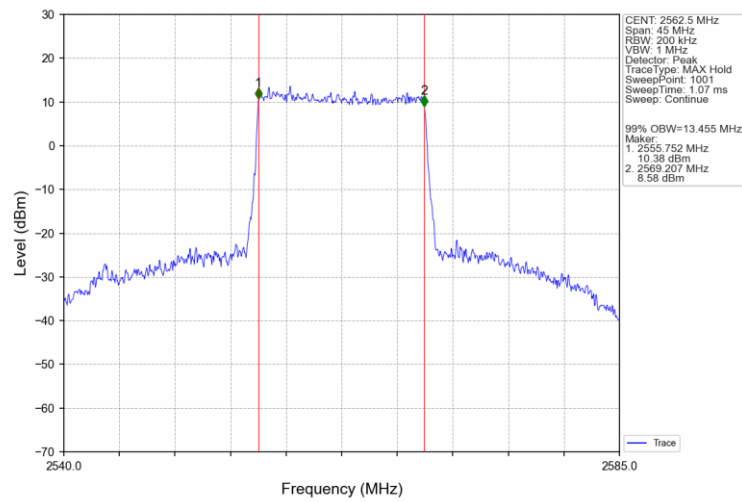
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



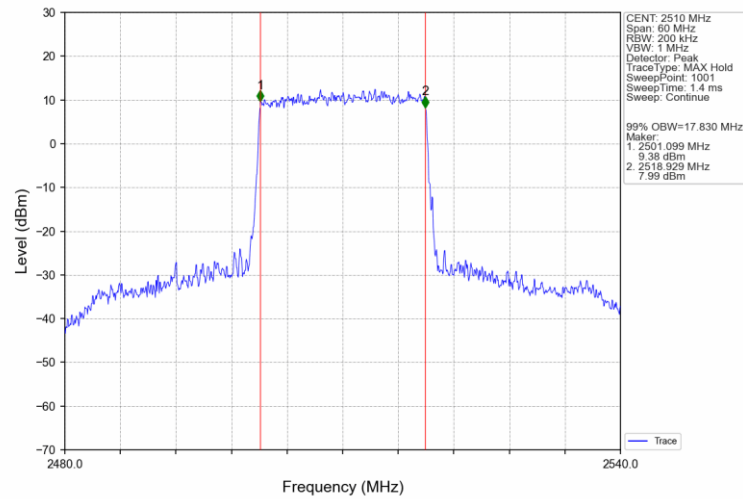
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



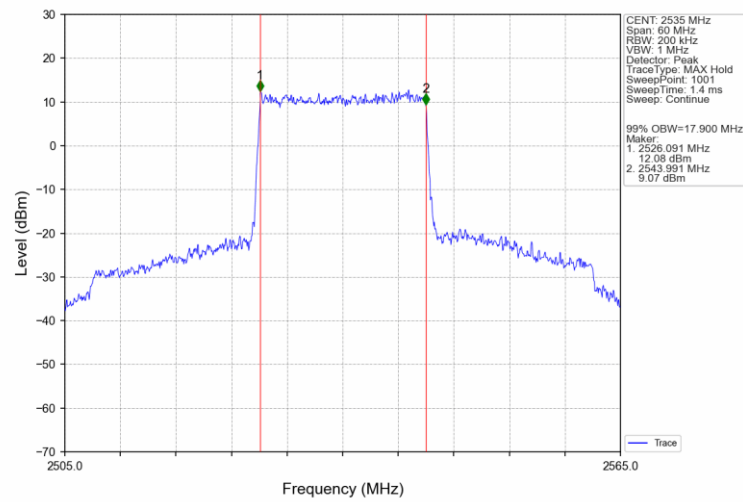
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



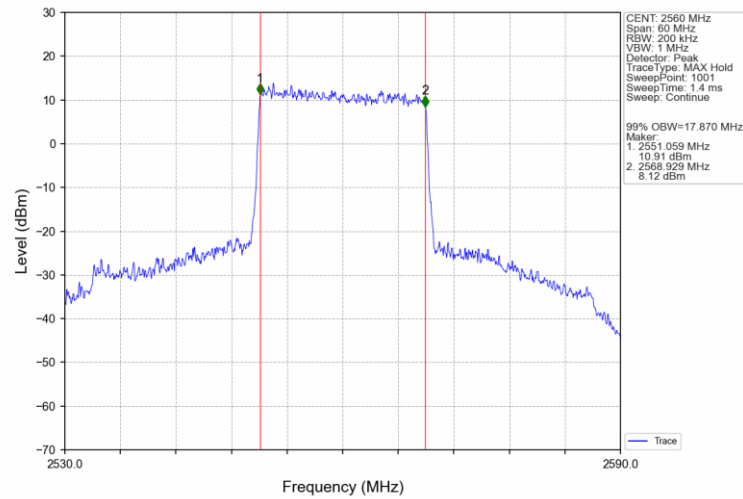
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



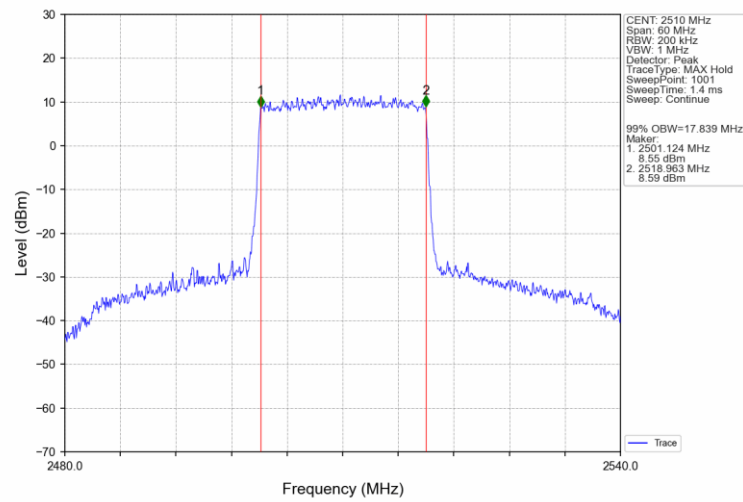
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



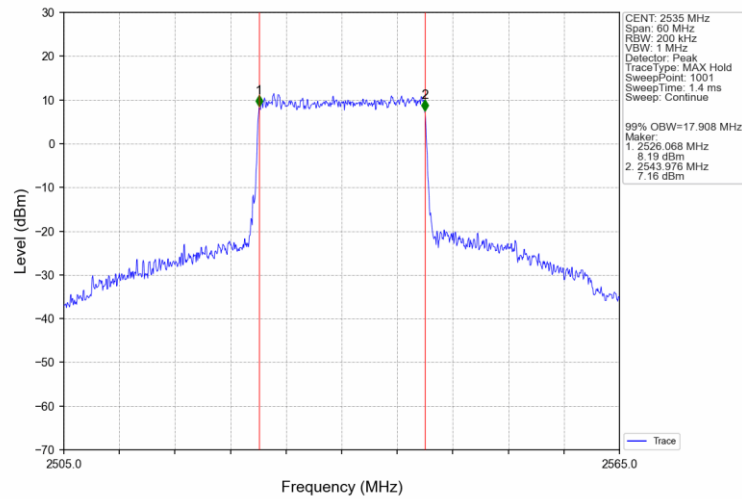
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



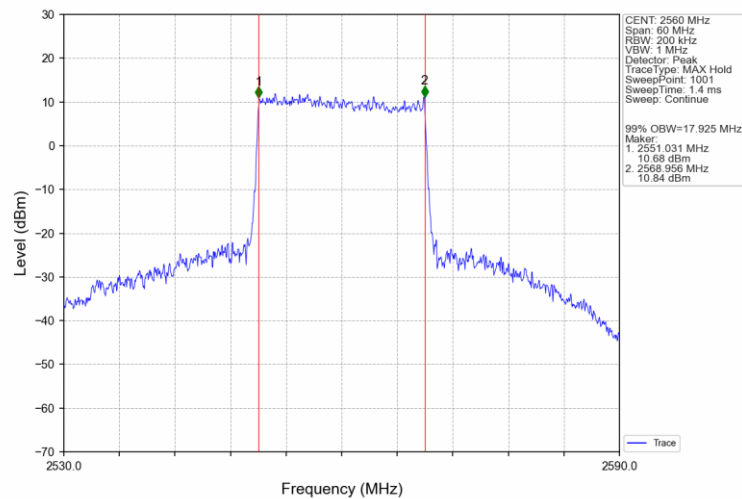
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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

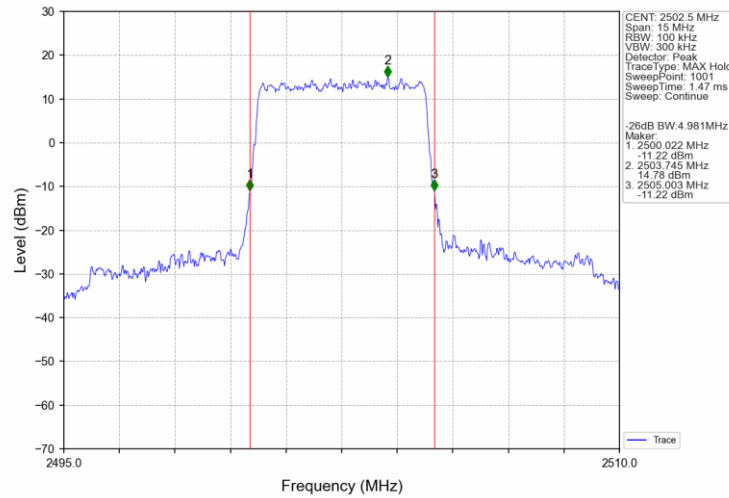


Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

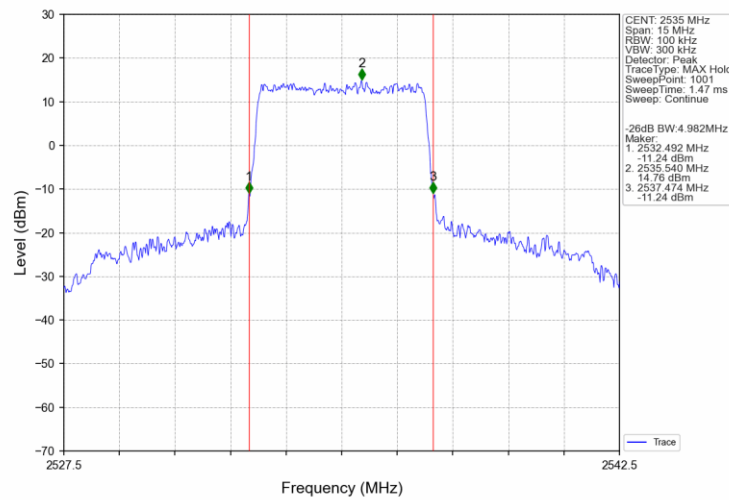


4.2.2 Band7_XDB

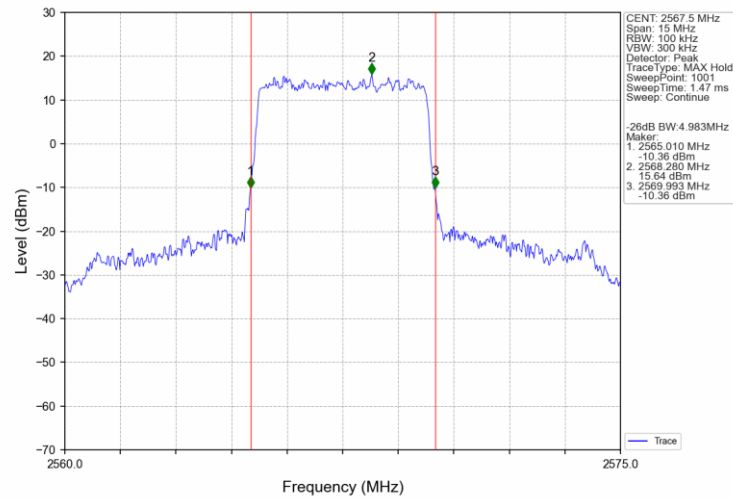
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



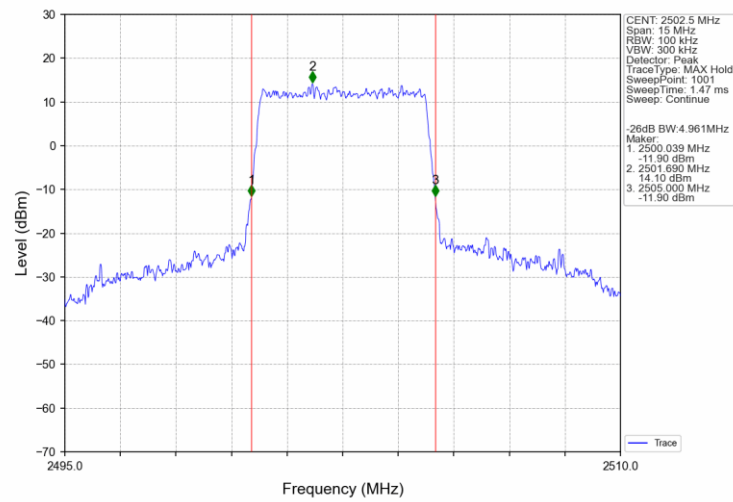
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



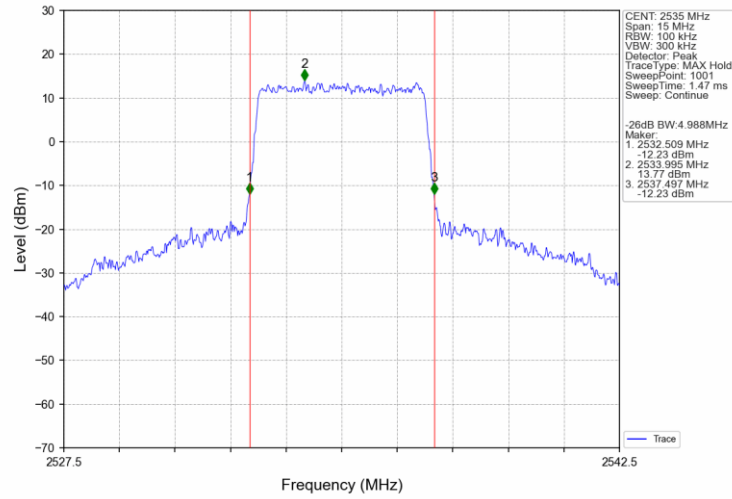
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



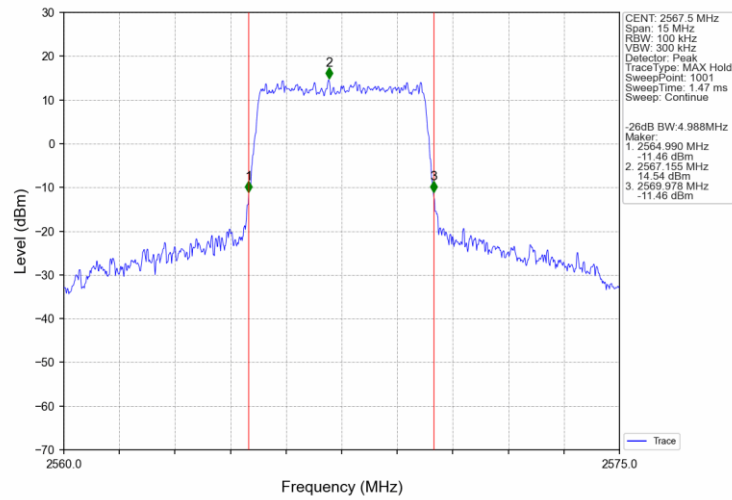
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



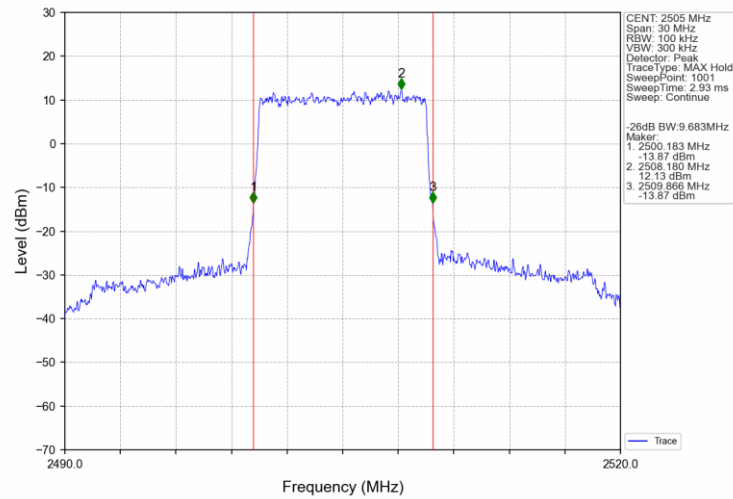
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



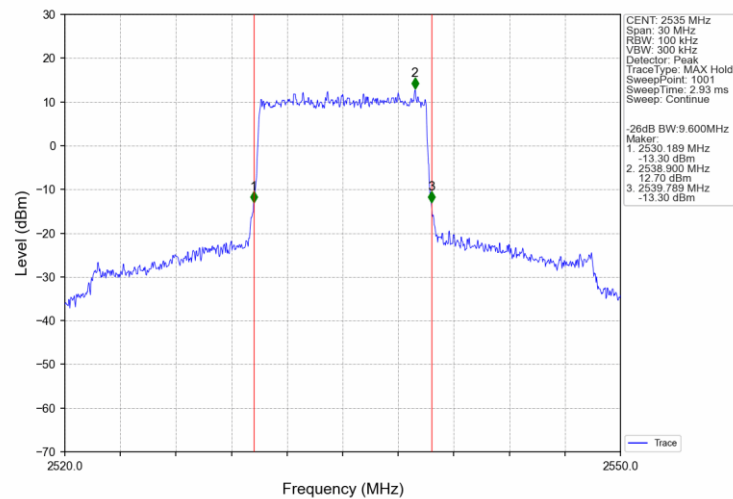
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



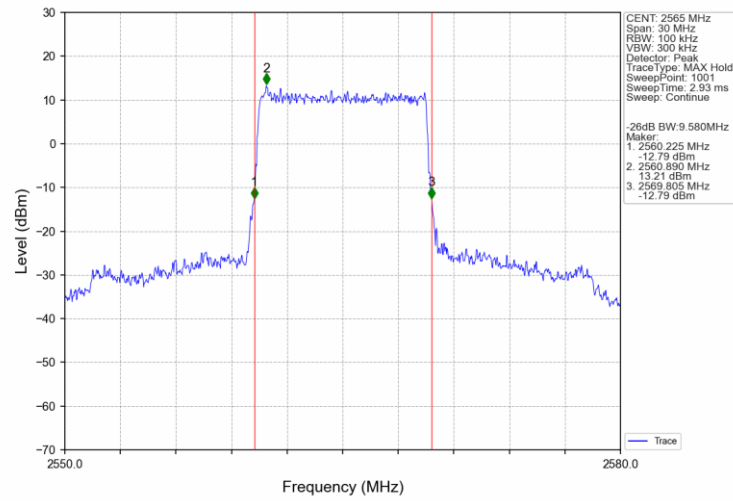
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



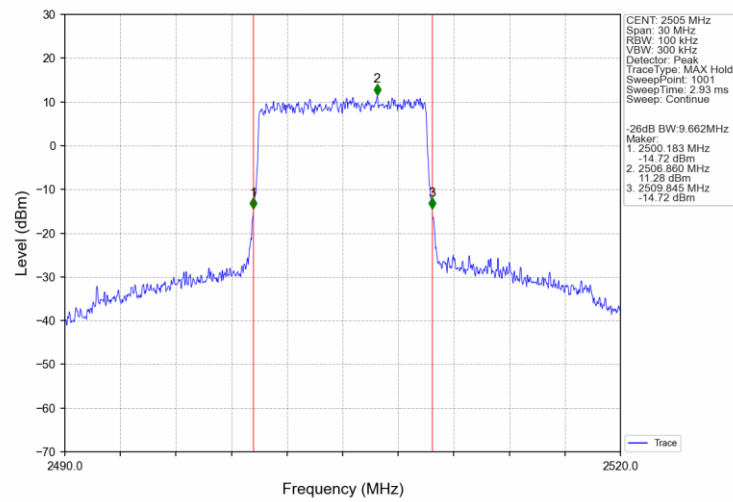
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



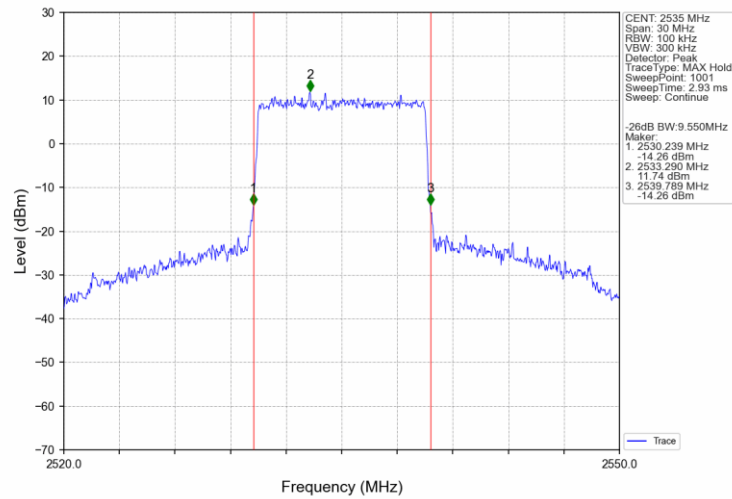
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



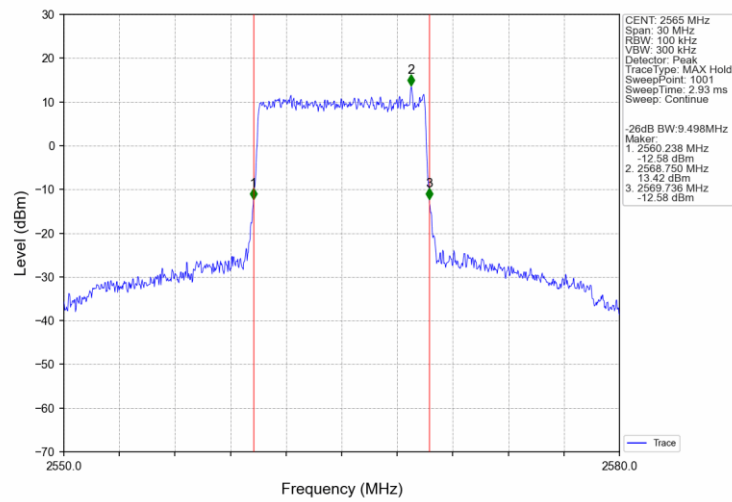
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



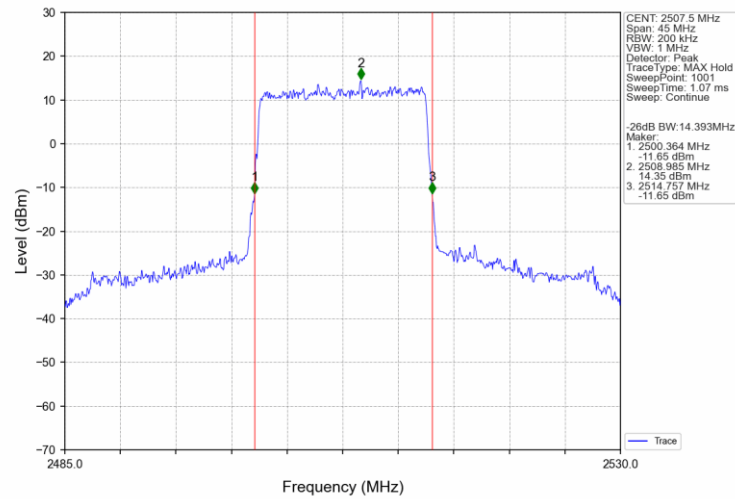
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



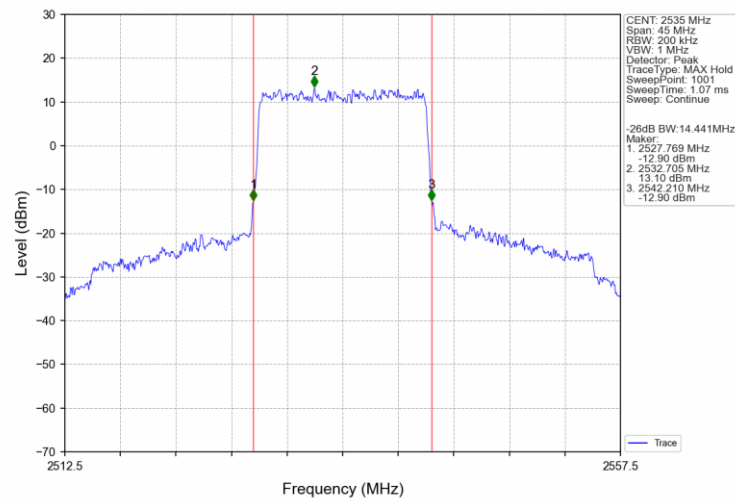
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



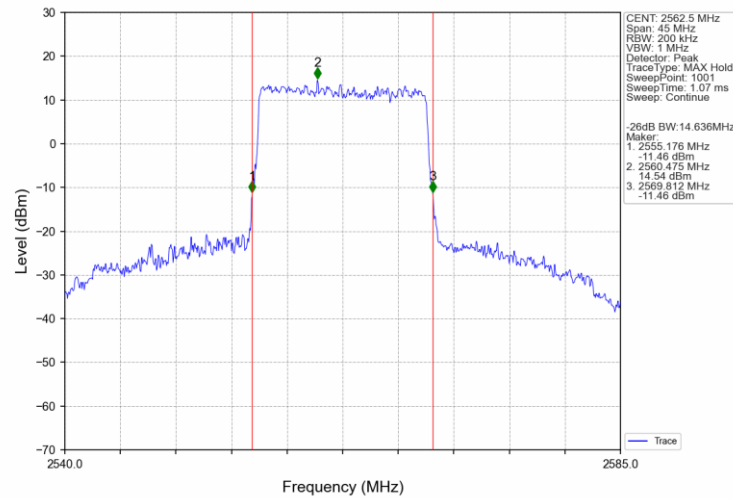
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



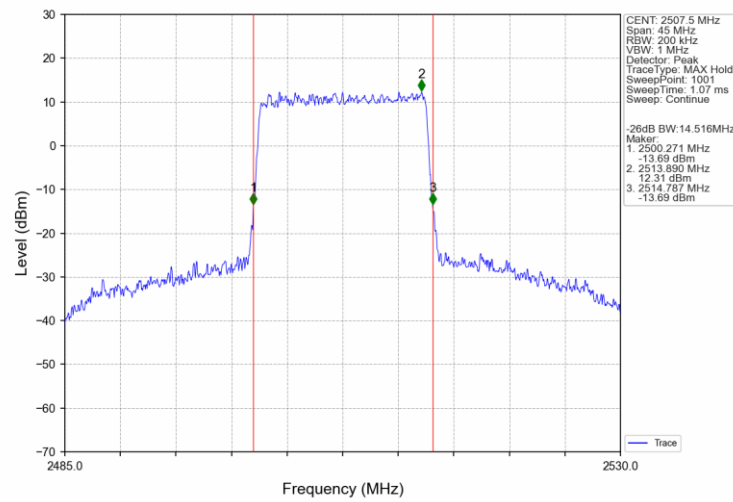
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



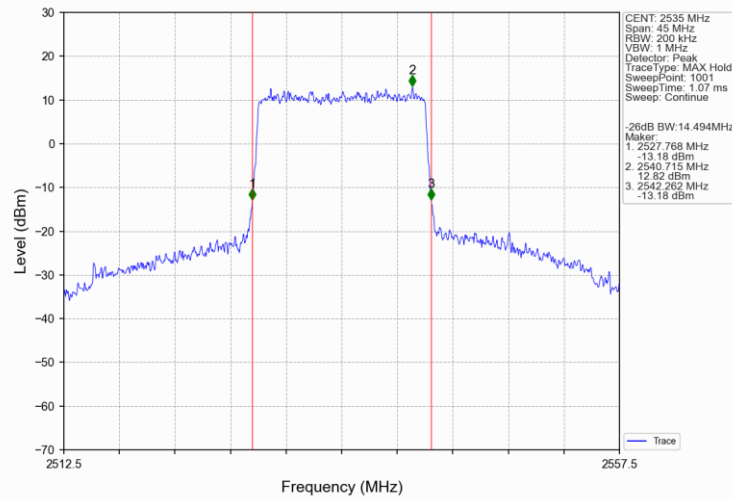
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



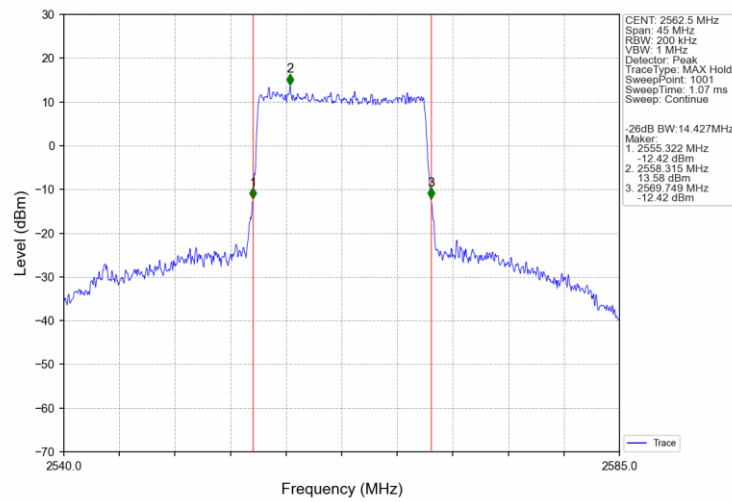
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



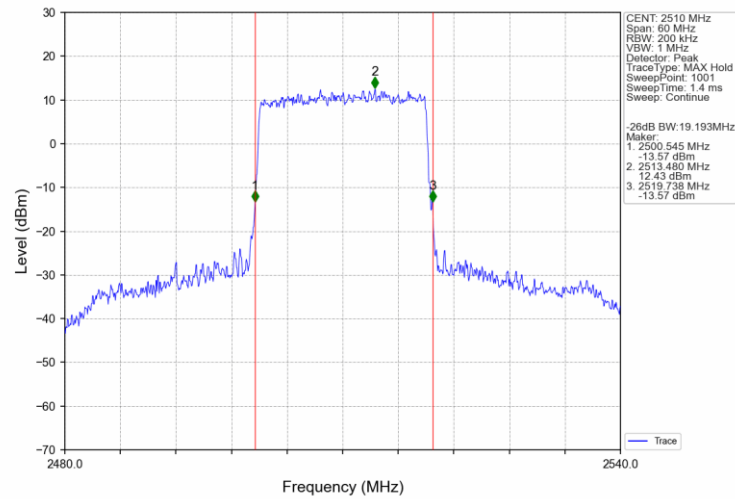
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



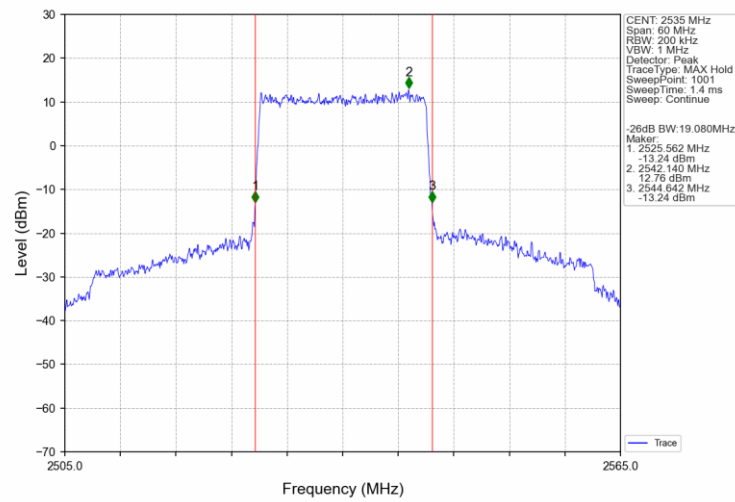
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



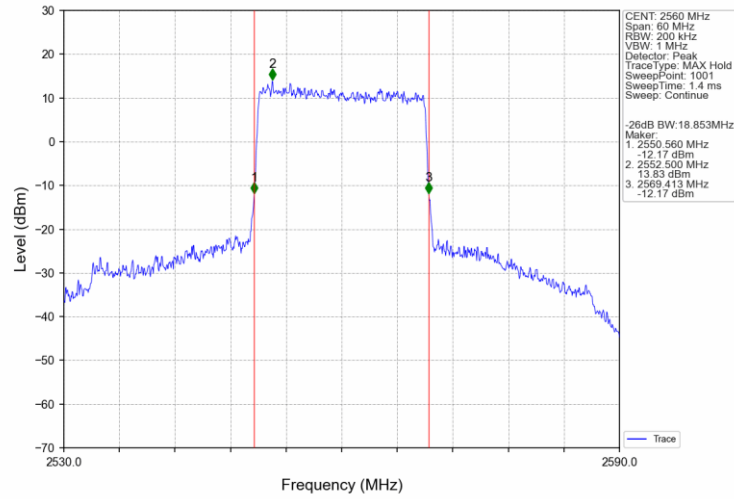
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



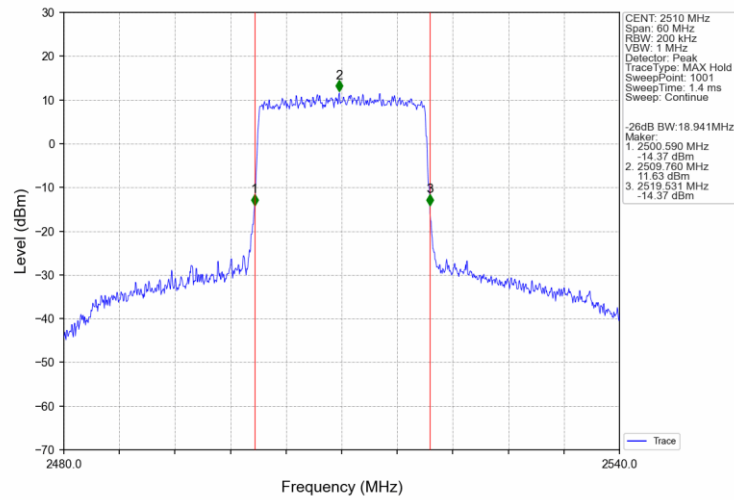
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



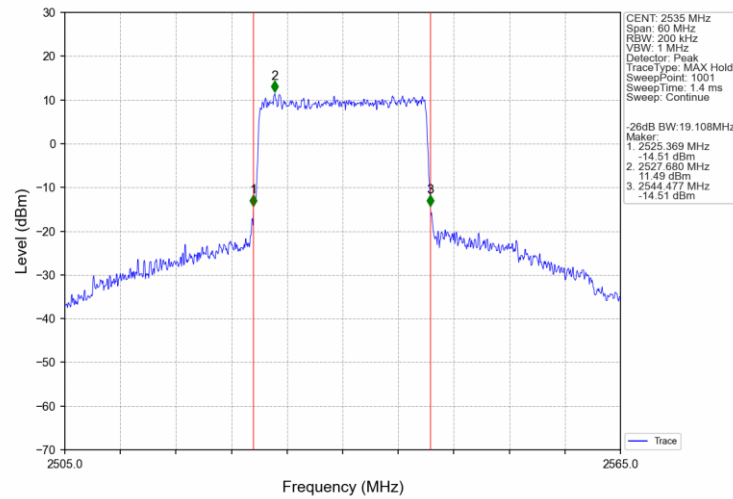
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



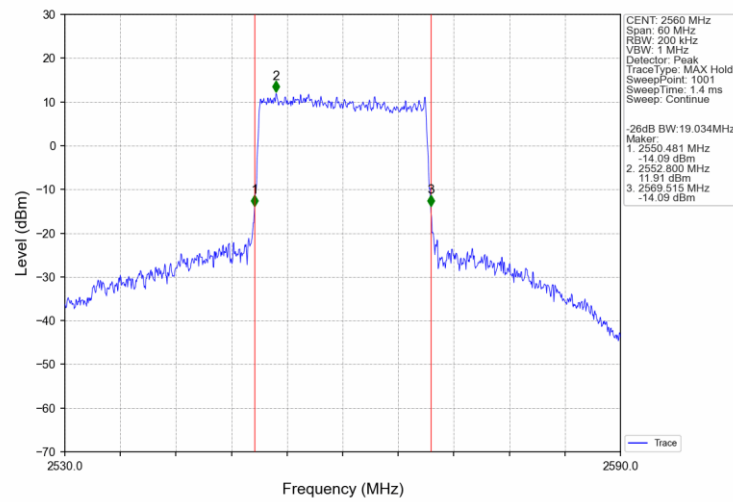
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 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	5.38	<=13	Pass
	2535	25	0	4.99	<=13	Pass
	2567.5	25	0	5.25	<=13	Pass
16QAM	2502.5	25	0	6.12	<=13	Pass
	2535	25	0	5.73	<=13	Pass
	2567.5	25	0	5.98	<=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	5.31	<=13	Pass
	2535	50	0	4.94	<=13	Pass
	2565	50	0	5.29	<=13	Pass
16QAM	2505	50	0	6.10	<=13	Pass
	2535	50	0	5.75	<=13	Pass
	2565	50	0	6.07	<=13	Pass

5.1.3 B7_15MHz

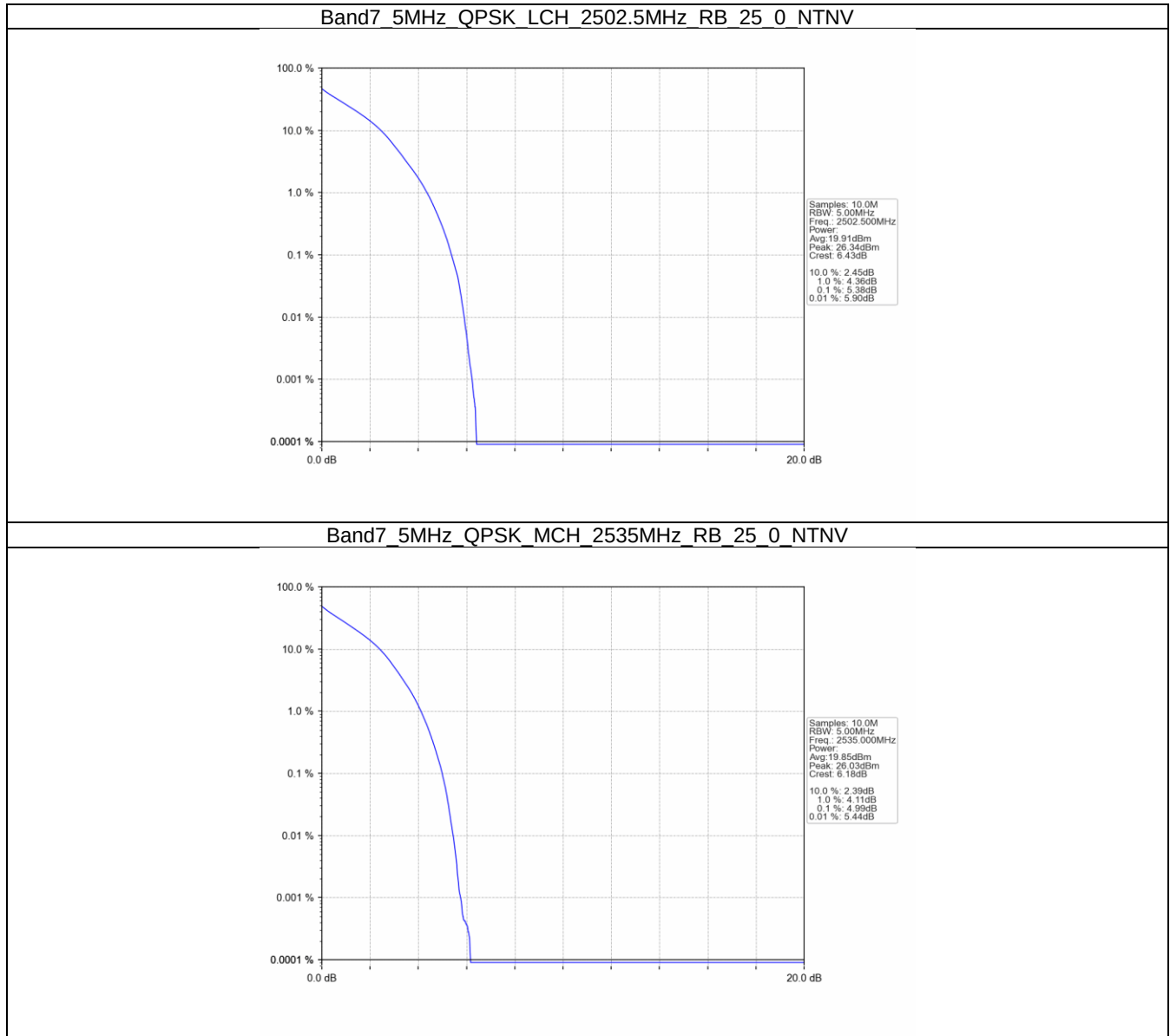
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.48	<=13	Pass
	2535	75	0	4.87	<=13	Pass
	2562.5	75	0	5.28	<=13	Pass
16QAM	2507.5	75	0	6.10	<=13	Pass
	2535	75	0	5.63	<=13	Pass
	2562.5	75	0	6.01	<=13	Pass

5.1.4 B7_20MHz

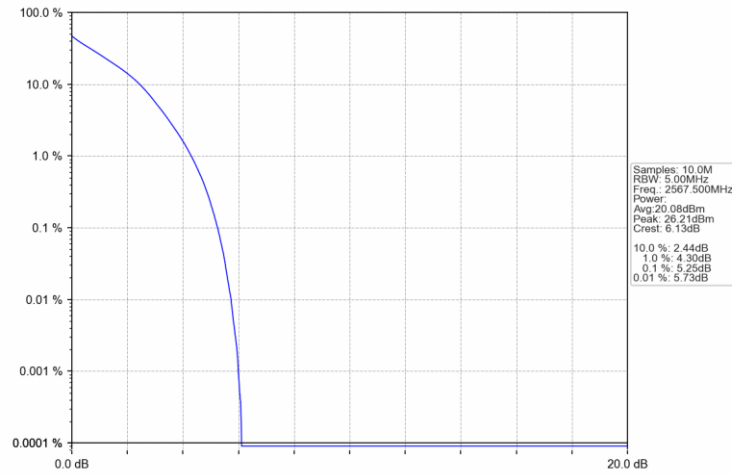
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.35	<=13	Pass
	2535	100	0	4.90	<=13	Pass
	2560	100	0	5.11	<=13	Pass
16QAM	2510	100	0	6.14	<=13	Pass
	2535	100	0	5.69	<=13	Pass
	2560	100	0	5.97	<=13	Pass

5.2 Test Graph

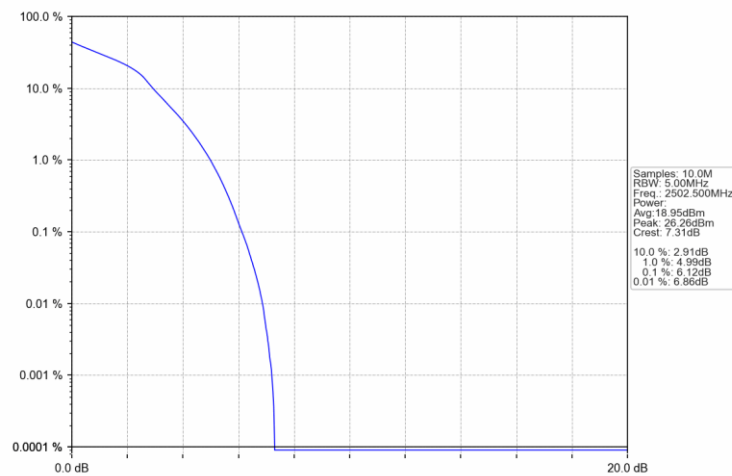
5.2.1 B7_5MHz



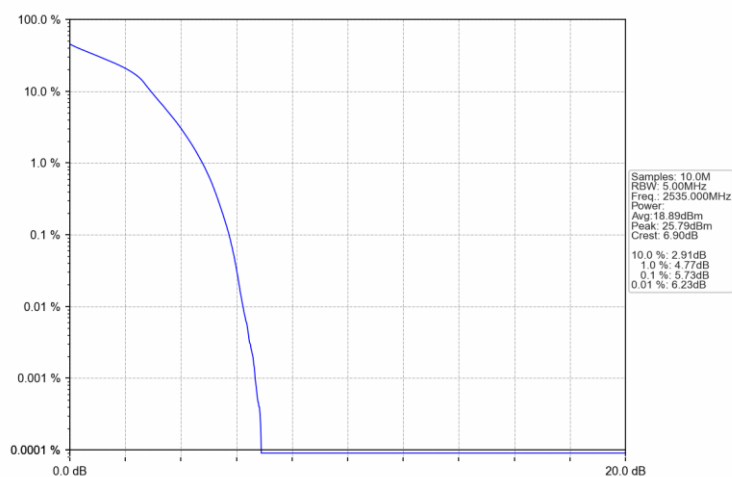
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



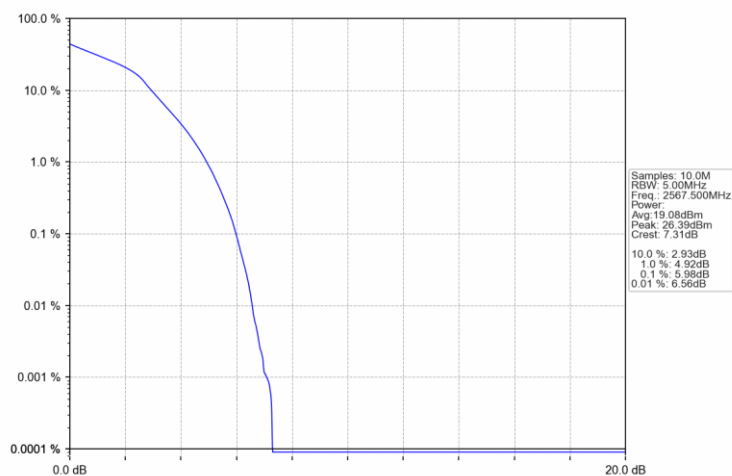
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



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

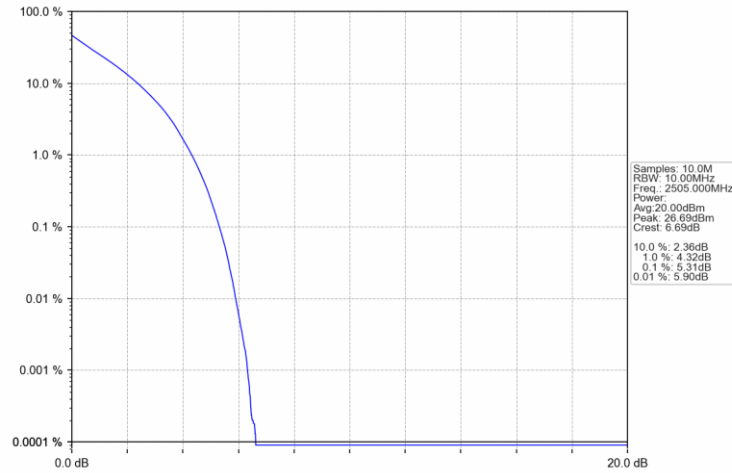


Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV

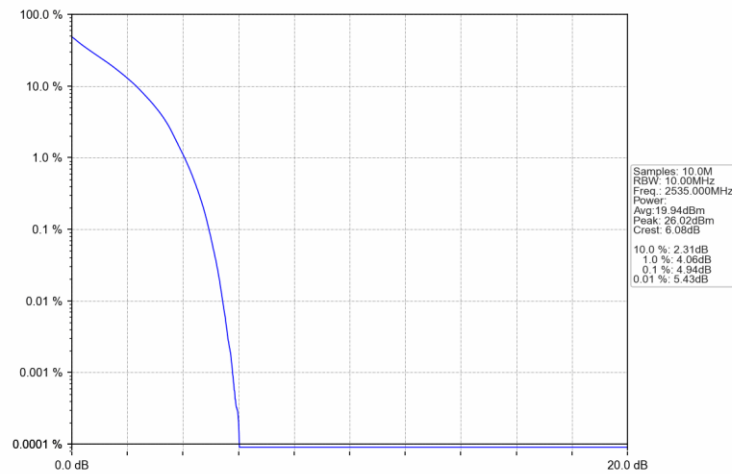


5.2.2 B7_10MHz

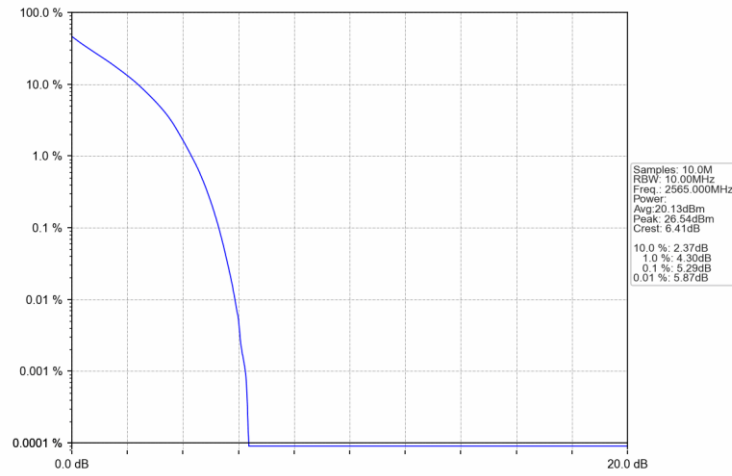
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



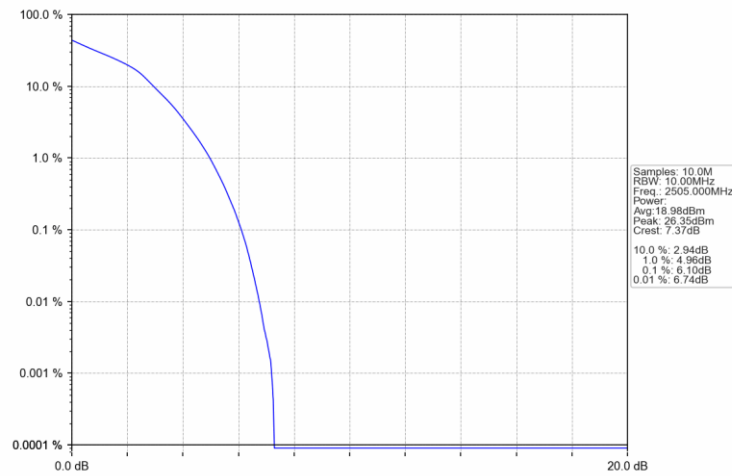
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTN



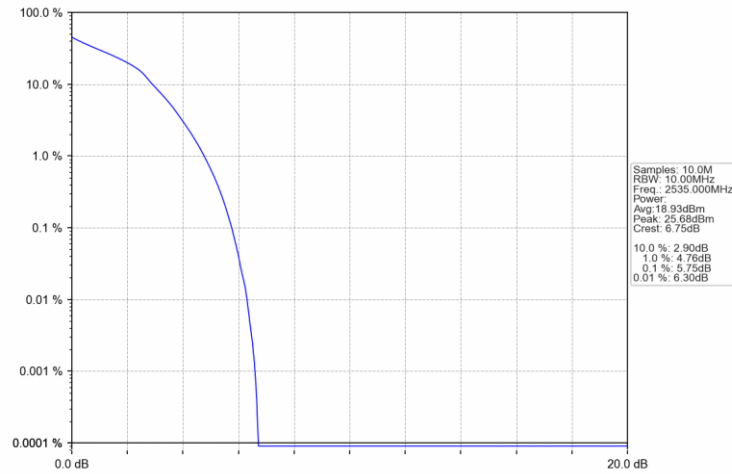
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



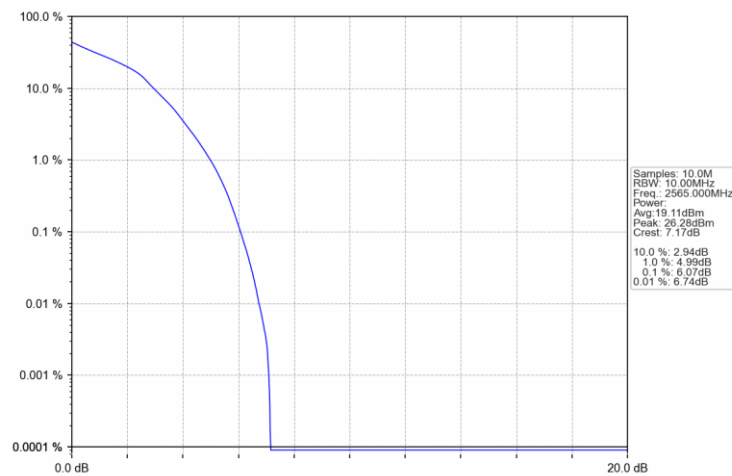
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



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

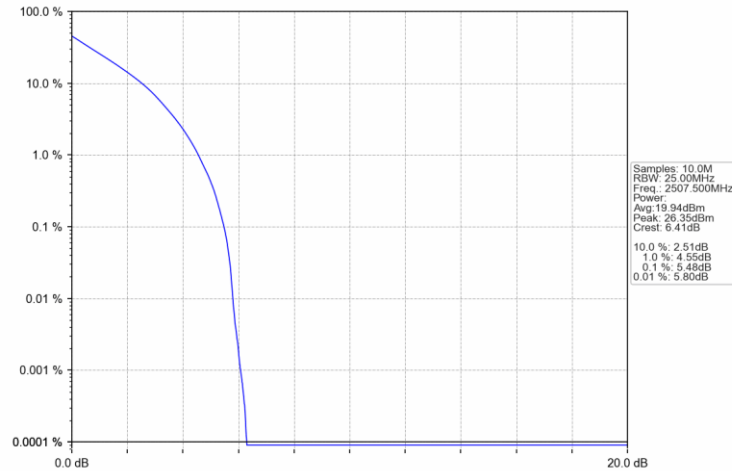


Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV

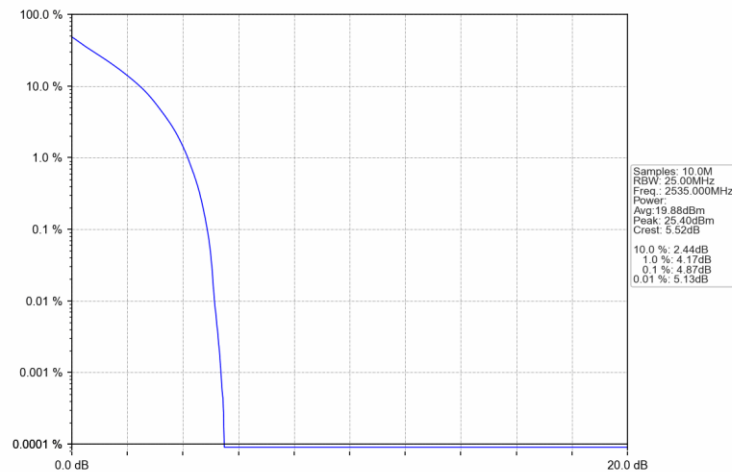


5.2.3 B7_15MHz

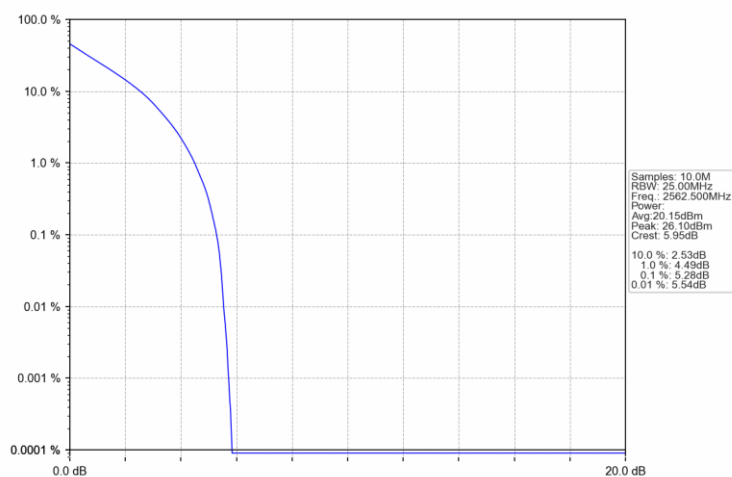
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



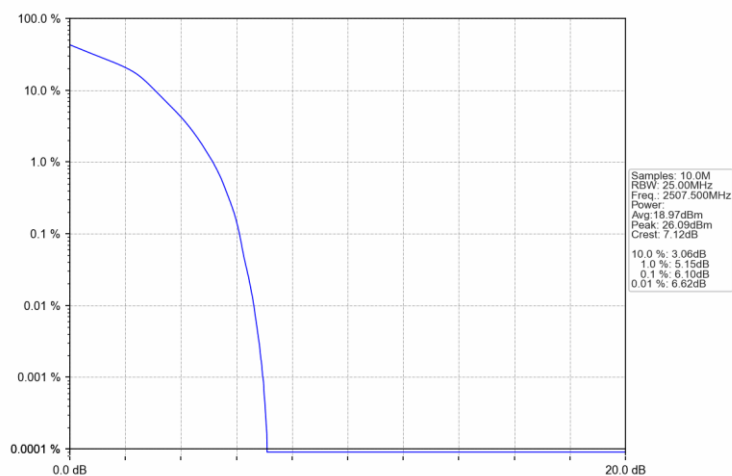
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



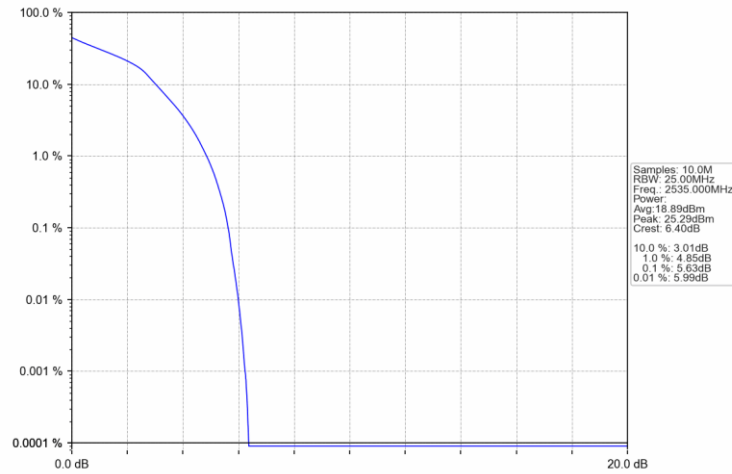
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN



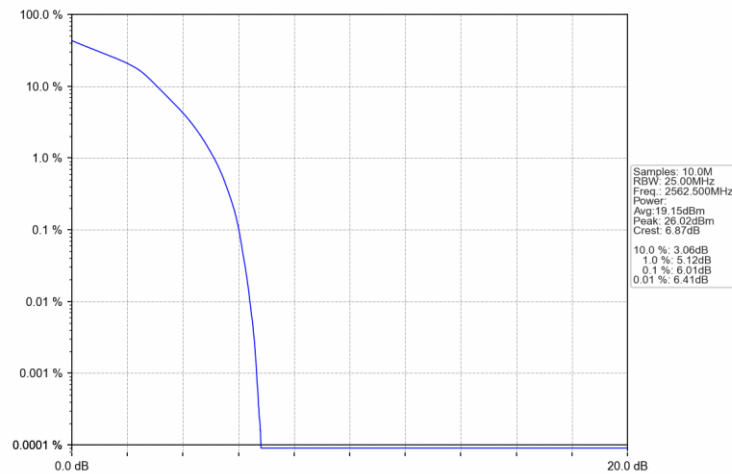
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTN



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

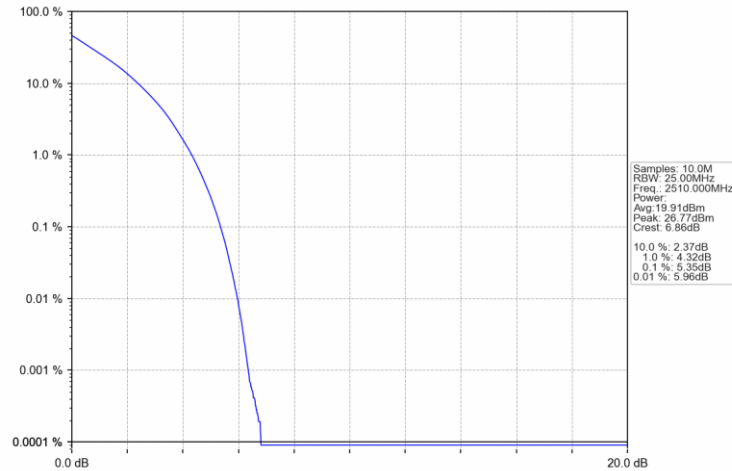


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

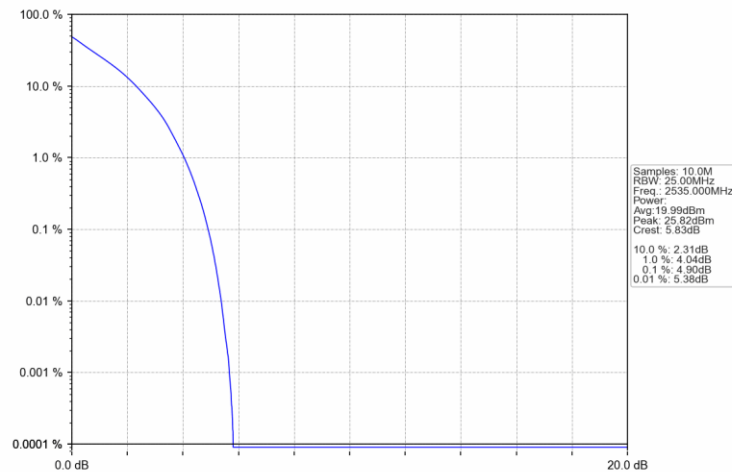


5.2.4 B7_20MHz

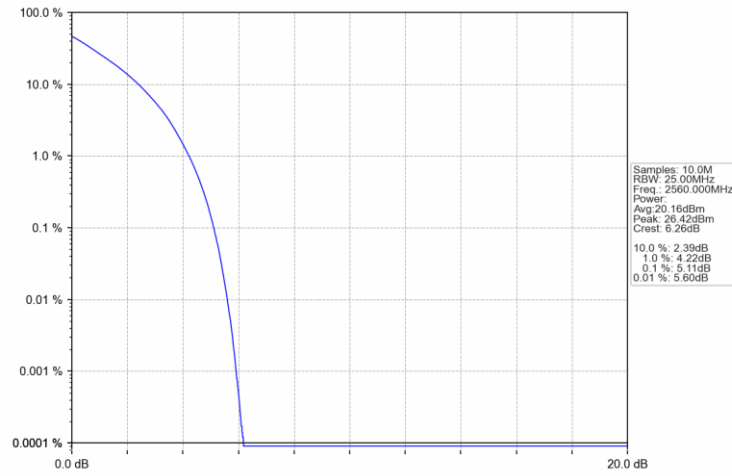
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



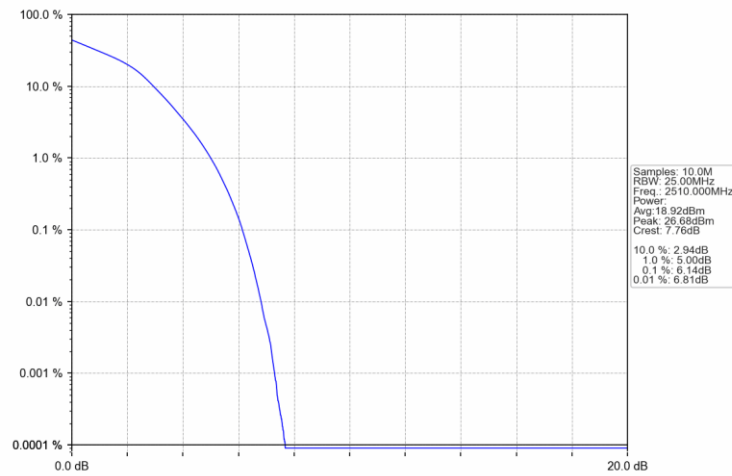
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



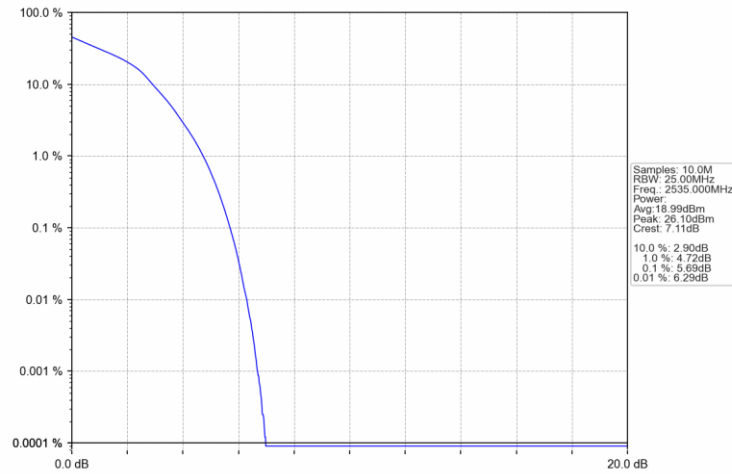
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



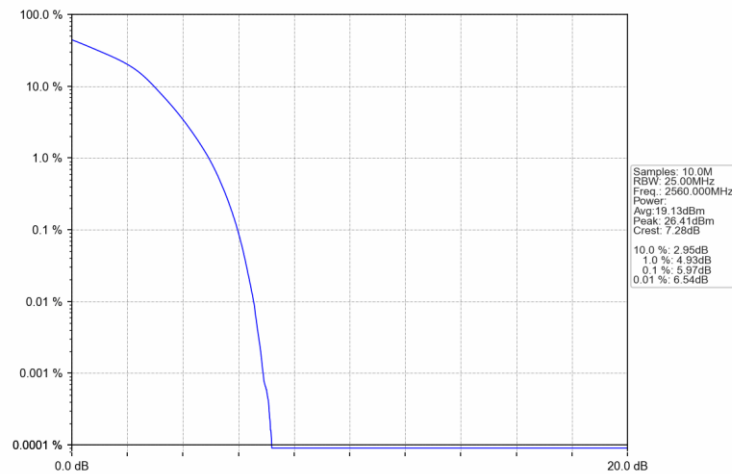
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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



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 / NTVN						
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
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTVN						
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
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

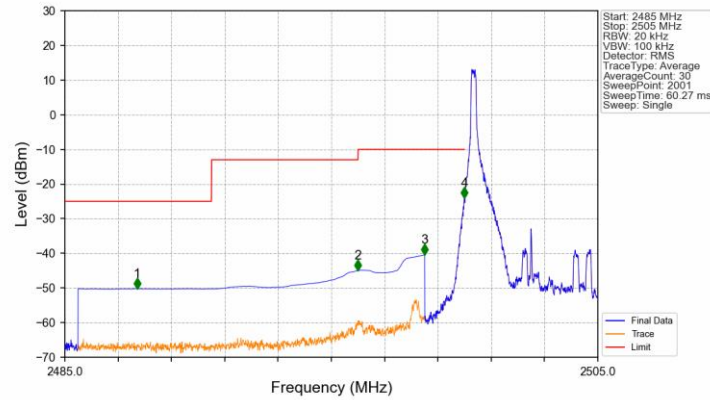
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTVN						
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
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

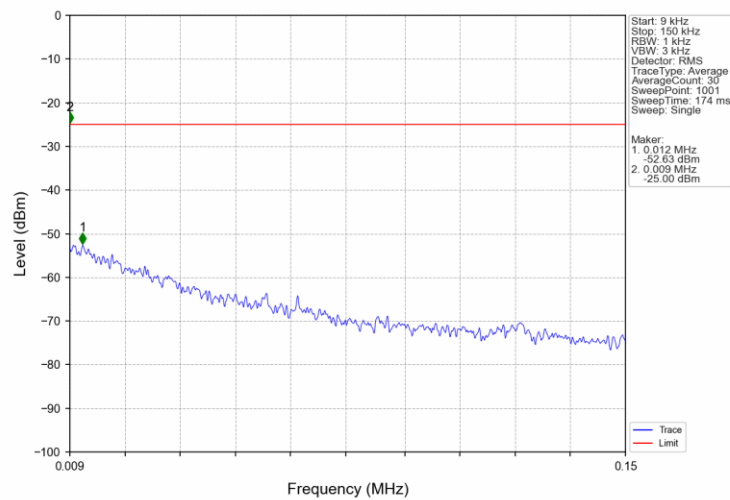
6.2 Test Graph

6.2.1 B7_5MHz

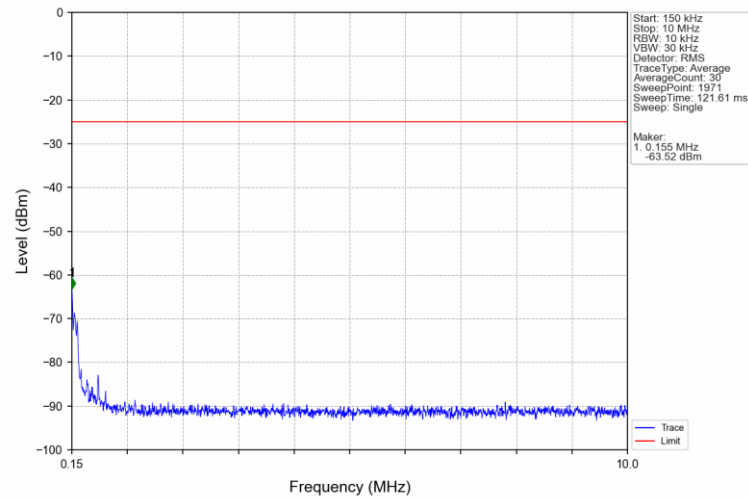
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



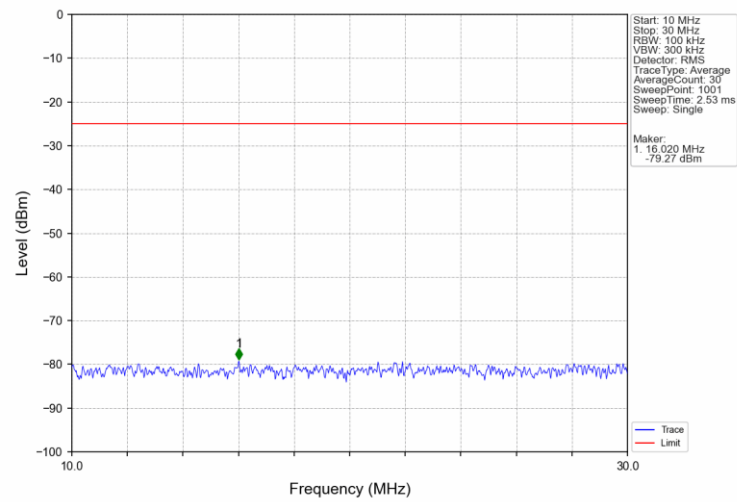
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



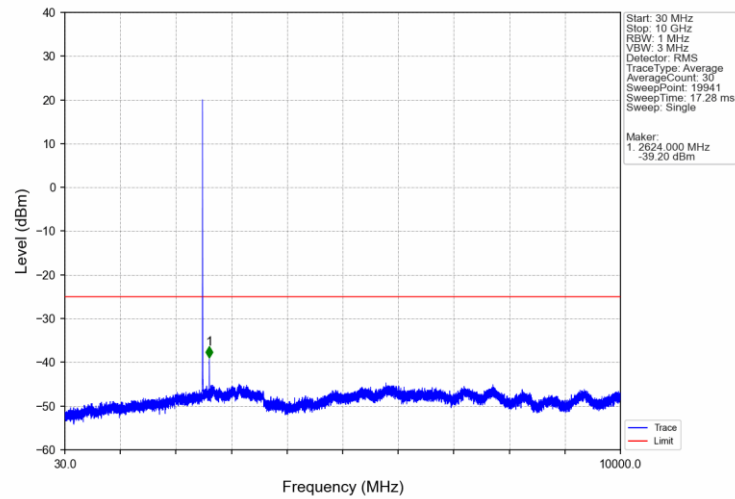
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



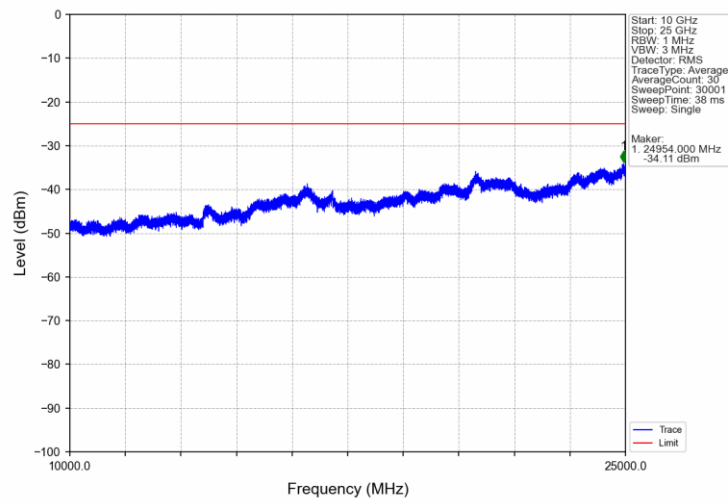
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



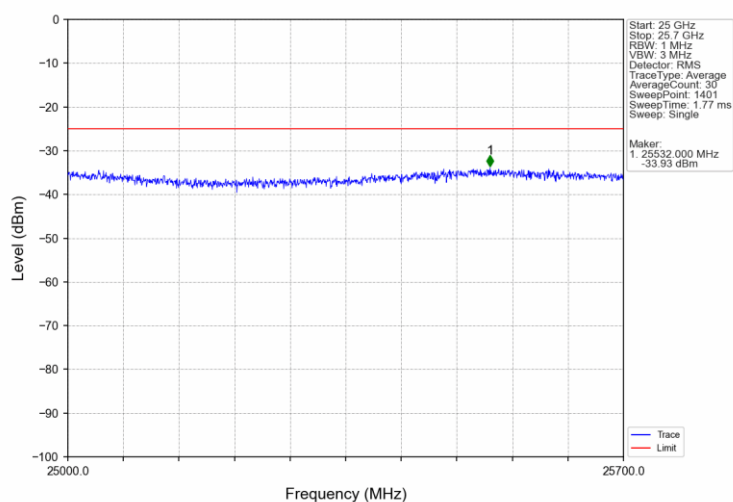
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



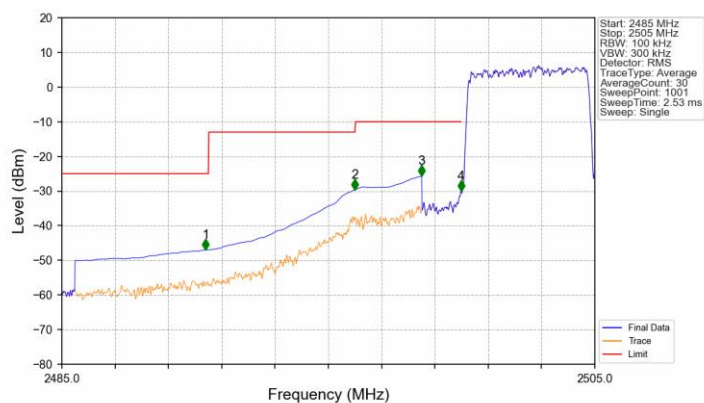
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.400	-46.97	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-29.66	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.72	-10	Pass
2499	2500	0.1	/	4	2499.980	-29.98	-10	Pass
2500	2505	0.1	/	/	/	/	/	/