

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	21.73	1.40	23.13	<=33.01	Pass
			13	21.75	1.40	23.15	<=33.01	Pass
			24	21.45	1.40	22.85	<=33.01	Pass
		12	0	20.73	1.40	22.13	<=33.01	Pass
			6	20.76	1.40	22.16	<=33.01	Pass
			13	20.82	1.40	22.22	<=33.01	Pass
		25	0	20.80	1.40	22.20	<=33.01	Pass
	2535	1	0	21.73	1.40	23.13	<=33.01	Pass
			13	21.77	1.40	23.17	<=33.01	Pass
			24	21.82	1.40	23.22	<=33.01	Pass
		12	0	21.15	1.40	22.55	<=33.01	Pass
			6	21.16	1.40	22.56	<=33.01	Pass
			13	21.17	1.40	22.57	<=33.01	Pass
		25	0	21.17	1.40	22.57	<=33.01	Pass
	2567.5	1	0	21.77	1.40	23.17	<=33.01	Pass
			13	21.79	1.40	23.19	<=33.01	Pass
			24	21.84	1.40	23.24	<=33.01	Pass
		12	0	21.20	1.40	22.60	<=33.01	Pass
			6	21.18	1.40	22.58	<=33.01	Pass
			13	21.21	1.40	22.61	<=33.01	Pass
		25	0	21.24	1.40	22.64	<=33.01	Pass
16QAM	2502.5	1	0	20.50	1.40	21.90	<=33.01	Pass
			13	20.52	1.40	21.92	<=33.01	Pass
			24	20.54	1.40	21.94	<=33.01	Pass
		12	0	19.77	1.40	21.17	<=33.01	Pass
			6	19.79	1.40	21.19	<=33.01	Pass
			13	19.88	1.40	21.28	<=33.01	Pass
		25	0	19.85	1.40	21.25	<=33.01	Pass
	2535	1	0	20.79	1.40	22.19	<=33.01	Pass
			13	20.77	1.40	22.17	<=33.01	Pass
			24	20.81	1.40	22.21	<=33.01	Pass
		12	0	20.06	1.40	21.46	<=33.01	Pass
			6	20.07	1.40	21.47	<=33.01	Pass
			13	20.09	1.40	21.49	<=33.01	Pass
		25	0	20.14	1.40	21.54	<=33.01	Pass
	2567.5	1	0	20.84	1.40	22.24	<=33.01	Pass
			13	20.80	1.40	22.20	<=33.01	Pass
			24	20.82	1.40	22.22	<=33.01	Pass
		12	0	20.23	1.40	21.63	<=33.01	Pass
			6	20.22	1.40	21.62	<=33.01	Pass
			13	20.21	1.40	21.61	<=33.01	Pass
		25	0	20.26	1.40	21.66	<=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	21.37	1.40	22.77	<=33.01	Pass
			25	21.39	1.40	22.79	<=33.01	Pass
			49	21.44	1.40	22.84	<=33.01	Pass
		25	0	20.74	1.40	22.14	<=33.01	Pass
			13	20.86	1.40	22.26	<=33.01	Pass
			25	20.92	1.40	22.32	<=33.01	Pass
		50	0	20.86	1.40	22.26	<=33.01	Pass
			0	21.50	1.40	22.90	<=33.01	Pass
			25	21.63	1.40	23.03	<=33.01	Pass
	2535	1	49	21.59	1.40	22.99	<=33.01	Pass
			0	21.08	1.40	22.48	<=33.01	Pass
			13	21.14	1.40	22.54	<=33.01	Pass
		25	25	21.22	1.40	22.62	<=33.01	Pass
			0	21.19	1.40	22.59	<=33.01	Pass
			0	21.70	1.40	23.10	<=33.01	Pass
		50	25	21.79	1.40	23.19	<=33.01	Pass
			49	21.76	1.40	23.16	<=33.01	Pass
			0	21.28	1.40	22.68	<=33.01	Pass
16QAM	2505	1	13	21.26	1.40	22.66	<=33.01	Pass
			25	21.27	1.40	22.67	<=33.01	Pass
			0	21.30	1.40	22.70	<=33.01	Pass
		25	0	20.19	1.40	21.59	<=33.01	Pass
			25	20.26	1.40	21.66	<=33.01	Pass
			49	20.26	1.40	21.66	<=33.01	Pass
		50	0	19.72	1.40	21.12	<=33.01	Pass
			13	19.81	1.40	21.21	<=33.01	Pass
			25	19.88	1.40	21.28	<=33.01	Pass
	2535	1	0	19.83	1.40	21.23	<=33.01	Pass
			0	20.58	1.40	21.98	<=33.01	Pass
			25	20.68	1.40	22.08	<=33.01	Pass
		25	49	20.66	1.40	22.06	<=33.01	Pass
			0	20.15	1.40	21.55	<=33.01	Pass
			13	20.20	1.40	21.60	<=33.01	Pass
		50	25	20.27	1.40	21.67	<=33.01	Pass
			0	20.17	1.40	21.57	<=33.01	Pass
			0	20.89	1.40	22.29	<=33.01	Pass
	2565	1	25	20.94	1.40	22.34	<=33.01	Pass
			49	20.93	1.40	22.33	<=33.01	Pass
			0	20.34	1.40	21.74	<=33.01	Pass
		25	13	20.29	1.40	21.69	<=33.01	Pass
			25	20.36	1.40	21.76	<=33.01	Pass
			0	20.25	1.40	21.65	<=33.01	Pass
		50	0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	21.29	1.40	22.69	<=33.01	Pass
			38	21.41	1.40	22.81	<=33.01	Pass
			74	21.38	1.40	22.78	<=33.01	Pass
		36	0	20.68	1.40	22.08	<=33.01	Pass
			18	20.79	1.40	22.19	<=33.01	Pass
			39	20.85	1.40	22.25	<=33.01	Pass
		75	0	20.78	1.40	22.18	<=33.01	Pass
			0	21.37	1.40	22.77	<=33.01	Pass
			38	21.56	1.40	22.96	<=33.01	Pass
	2535	1	74	21.51	1.40	22.91	<=33.01	Pass
			0	21.05	1.40	22.45	<=33.01	Pass
			18	21.09	1.40	22.49	<=33.01	Pass
		36	39	21.14	1.40	22.54	<=33.01	Pass
			0	21.11	1.40	22.51	<=33.01	Pass
			0	21.60	1.40	23.00	<=33.01	Pass
		75	38	21.76	1.40	23.16	<=33.01	Pass
			74	21.76	1.40	23.16	<=33.01	Pass
			0	21.20	1.40	22.60	<=33.01	Pass
	2562.5	36	18	21.20	1.40	22.60	<=33.01	Pass
			39	21.20	1.40	22.60	<=33.01	Pass
			0	21.27	1.40	22.67	<=33.01	Pass
16QAM	2507.5	1	0	20.34	1.40	21.74	<=33.01	Pass
			38	20.46	1.40	21.86	<=33.01	Pass
			74	20.43	1.40	21.83	<=33.01	Pass
		36	0	19.72	1.40	21.12	<=33.01	Pass
			18	19.81	1.40	21.21	<=33.01	Pass
			39	19.85	1.40	21.25	<=33.01	Pass
		75	0	19.77	1.40	21.17	<=33.01	Pass
			0	20.48	1.40	21.88	<=33.01	Pass
			38	20.68	1.40	22.08	<=33.01	Pass
	2535	1	74	20.61	1.40	22.01	<=33.01	Pass
			0	20.09	1.40	21.49	<=33.01	Pass
			18	20.11	1.40	21.51	<=33.01	Pass
		36	39	20.19	1.40	21.59	<=33.01	Pass
			0	20.09	1.40	21.49	<=33.01	Pass
			0	20.81	1.40	22.21	<=33.01	Pass
		75	38	20.95	1.40	22.35	<=33.01	Pass
			74	20.92	1.40	22.32	<=33.01	Pass
			0	20.24	1.40	21.64	<=33.01	Pass
	2562.5	36	18	20.25	1.40	21.65	<=33.01	Pass
			39	20.30	1.40	21.70	<=33.01	Pass
			0	20.27	1.40	21.67	<=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	21.09	1.40	22.49	<=33.01	Pass
			50	21.28	1.40	22.68	<=33.01	Pass
			99	21.38	1.40	22.78	<=33.01	Pass
		50	0	20.67	1.40	22.07	<=33.01	Pass
			25	20.88	1.40	22.28	<=33.01	Pass
			50	20.89	1.40	22.29	<=33.01	Pass
		100	0	20.76	1.40	22.16	<=33.01	Pass
	2535	1	0	21.39	1.40	22.79	<=33.01	Pass
			50	21.69	1.40	23.09	<=33.01	Pass
			99	21.62	1.40	23.02	<=33.01	Pass
		50	0	21.10	1.40	22.50	<=33.01	Pass
			25	21.22	1.40	22.62	<=33.01	Pass
			50	21.30	1.40	22.70	<=33.01	Pass
		100	0	21.21	1.40	22.61	<=33.01	Pass
	2560	1	0	21.68	1.40	23.08	<=33.01	Pass
			50	21.80	1.40	23.20	<=33.01	Pass
			99	21.79	1.40	23.19	<=33.01	Pass
		50	0	21.39	1.40	22.79	<=33.01	Pass
			25	21.29	1.40	22.69	<=33.01	Pass
			50	21.28	1.40	22.68	<=33.01	Pass
		100	0	21.32	1.40	22.72	<=33.01	Pass
16QAM	2510	1	0	20.04	1.40	21.44	<=33.01	Pass
			50	20.20	1.40	21.60	<=33.01	Pass
			99	20.23	1.40	21.63	<=33.01	Pass
		50	0	19.65	1.40	21.05	<=33.01	Pass
			25	19.88	1.40	21.28	<=33.01	Pass
			50	19.89	1.40	21.29	<=33.01	Pass
		100	0	19.75	1.40	21.15	<=33.01	Pass
	2535	1	0	20.27	1.40	21.67	<=33.01	Pass
			50	20.65	1.40	22.05	<=33.01	Pass
			99	20.59	1.40	21.99	<=33.01	Pass
		50	0	20.07	1.40	21.47	<=33.01	Pass
			25	20.16	1.40	21.56	<=33.01	Pass
			50	20.24	1.40	21.64	<=33.01	Pass
		100	0	20.20	1.40	21.60	<=33.01	Pass
	2560	1	0	20.70	1.40	22.10	<=33.01	Pass
			50	20.89	1.40	22.29	<=33.01	Pass
			99	20.83	1.40	22.23	<=33.01	Pass
		50	0	20.33	1.40	21.73	<=33.01	Pass
			25	20.27	1.40	21.67	<=33.01	Pass
			50	20.25	1.40	21.65	<=33.01	Pass
		100	0	20.30	1.40	21.70	<=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	-7.353	-0.0029	-2.5 to 2.5	Pass
					3.85	1.688	0.0007	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.576	0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.781	0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0019	-2.5 to 2.5	Pass
				0	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.373	0.0005	-2.5 to 2.5	Pass
				30	3.85	5.608	0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0014	-2.5 to 2.5	Pass
				50	3.85	1.273	0.0005	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-6.366	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0020	-2.5 to 2.5	Pass
					4.43	-10.443	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.974	0.0008	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-7.768	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.379	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-9.856	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	5.021	0.0020	-2.5 to 2.5	Pass
					4.43	5.507	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.472	0.0002	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-10.829	-0.0043	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
					4.43	7.281	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.662	-0.0014	-2.5 to 2.5	Pass

				0	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.762	0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-12.860	-0.0050	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-15.593	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-17.352	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-6.022	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.752	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-12.374	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0003	-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	-5.407	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.563	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.488	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-8.183	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.678	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-5.779	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-2.460	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-8.454	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0027	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-1.044	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0022	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.693	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0005	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-3.133	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.648	-0.0015	-2.5 to 2.5	Pass

				-30	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-2.847	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-3.676	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-10.142	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-7.668	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-7.768	-0.0030	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0020	-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	-1.960	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.419	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.007	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.961	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.788	0.0007	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	1.588	0.0006	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	2.704	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.831	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.319	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.531	0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass
				40	3.85	3.176	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	2.489	0.0010	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.659	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-9.742	-0.0038	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-4.392	-0.0018	-2.5 to 2.5	Pass
					3.85	2.775	0.0011	-2.5 to 2.5	Pass
					4.43	-8.984	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.503	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
				10	3.85	1.359	0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0006	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	0.358	0.0001	-2.5 to 2.5	Pass
					3.85	2.775	0.0011	-2.5 to 2.5	Pass
					4.43	6.194	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.208	0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0021	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0002	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-3.333	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.781	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.349	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.852	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-7.925	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0005	-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	1.659	0.0007	-2.5 to 2.5	Pass
					3.85	2.360	0.0009	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
				10	3.85	3.576	0.0014	-2.5 to 2.5	Pass

				30	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				40	3.85	1.860	0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	3.762	0.0015	-2.5 to 2.5	Pass
					3.85	1.345	0.0005	-2.5 to 2.5	Pass
					4.43	0.601	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	2.775	0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0013	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-1.402	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	4.678	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0006	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				50	3.85	-2.961	-0.0012	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	6.080	0.0024	-2.5 to 2.5	Pass
					3.85	3.963	0.0016	-2.5 to 2.5	Pass
					4.43	1.345	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.333	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				10	3.85	2.103	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0007	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-0.129	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
					4.43	1.473	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	4.377	0.0017	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0012	-2.5 to 2.5	Pass
					4.43	1.087	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.147	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.016	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.917	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0002	-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

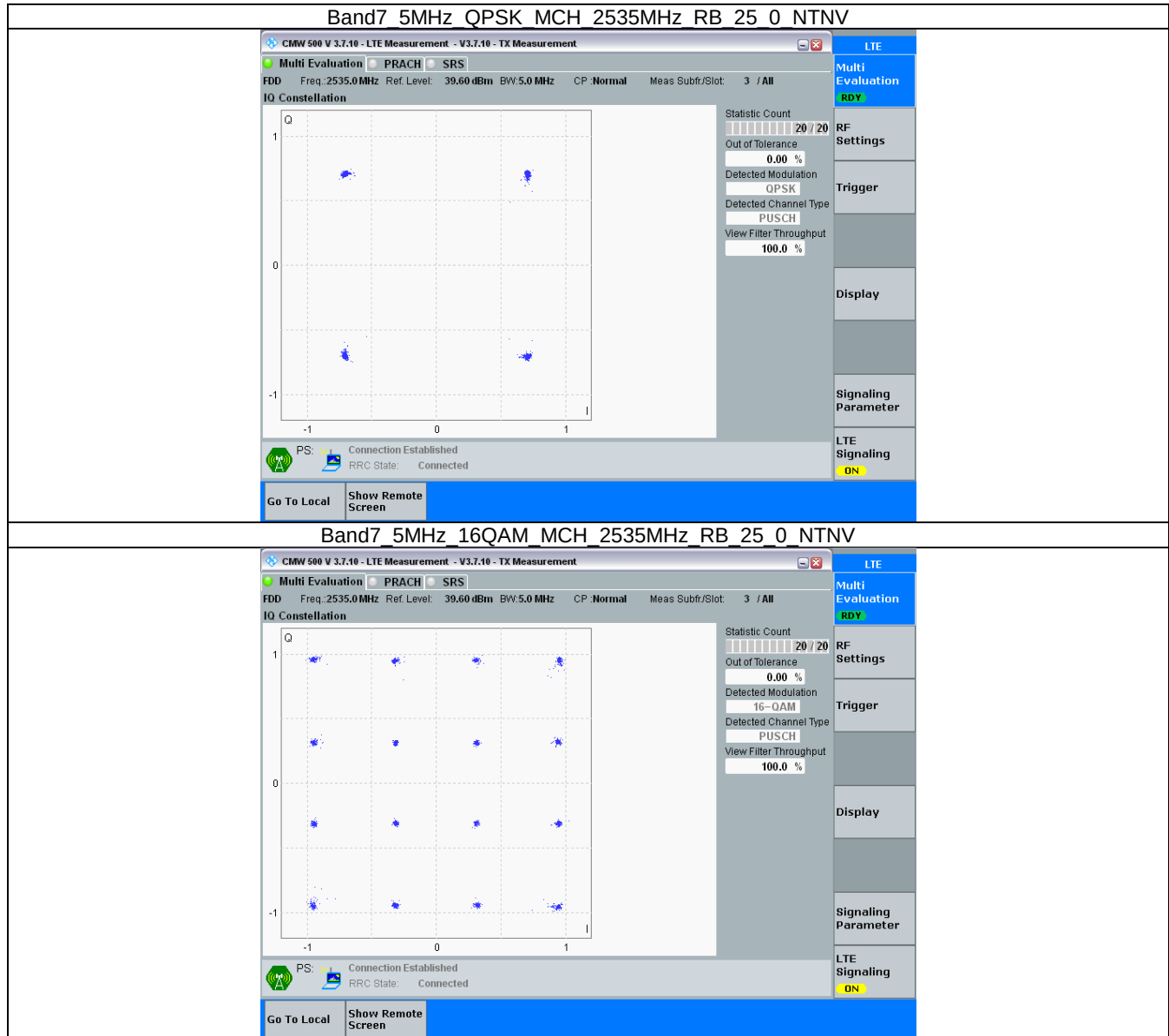
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

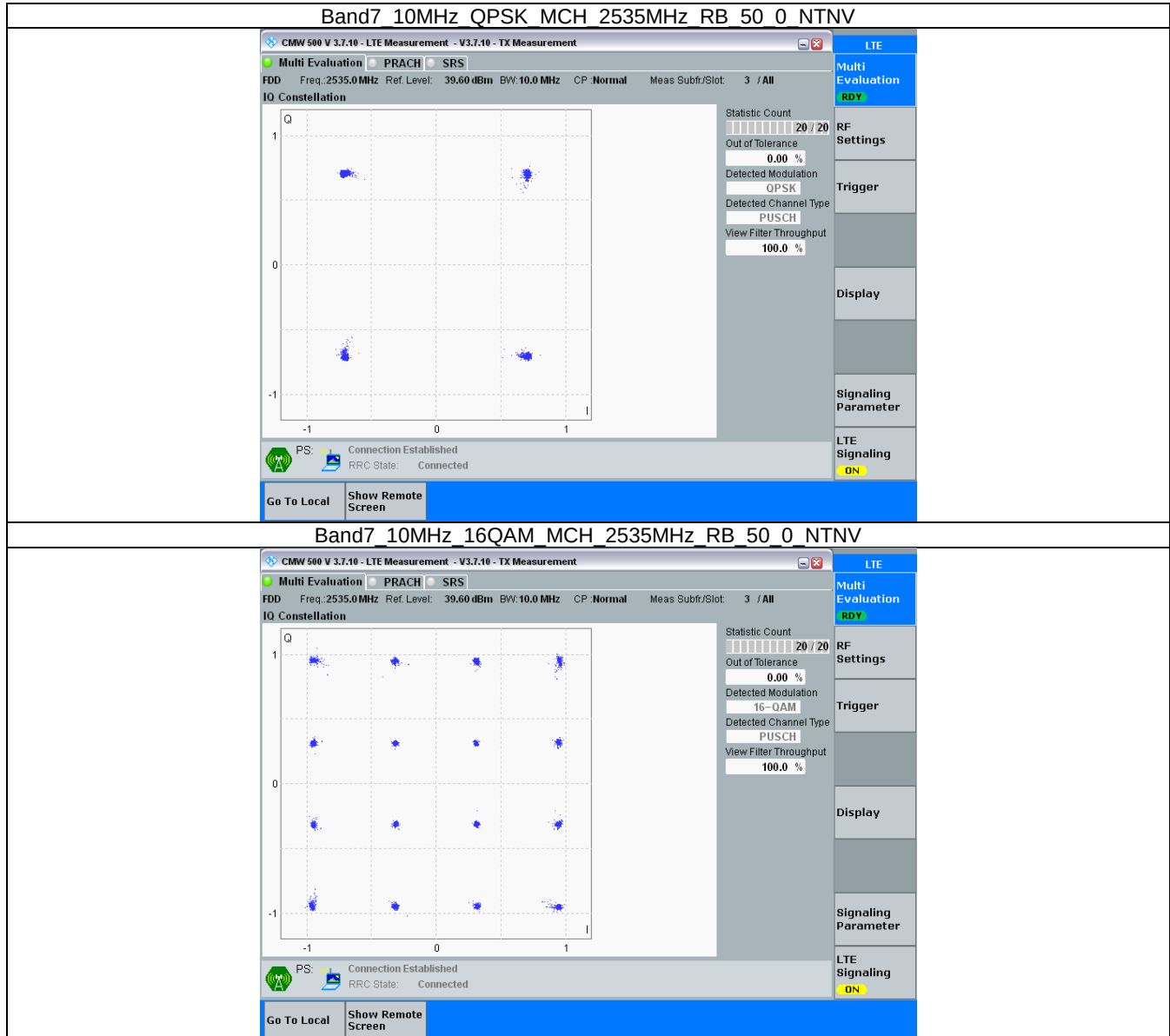
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

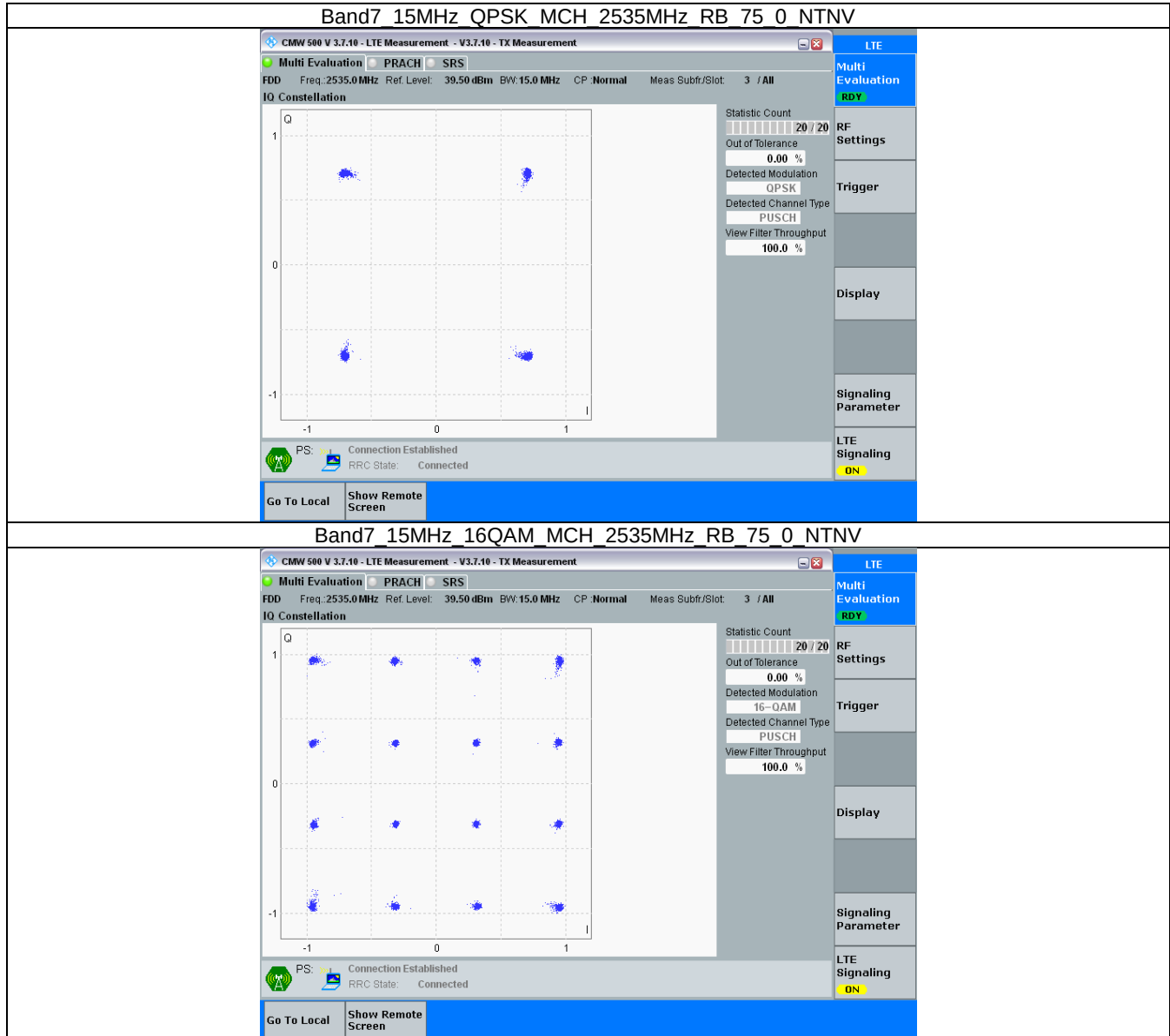
3.2.1 B7_5MHz



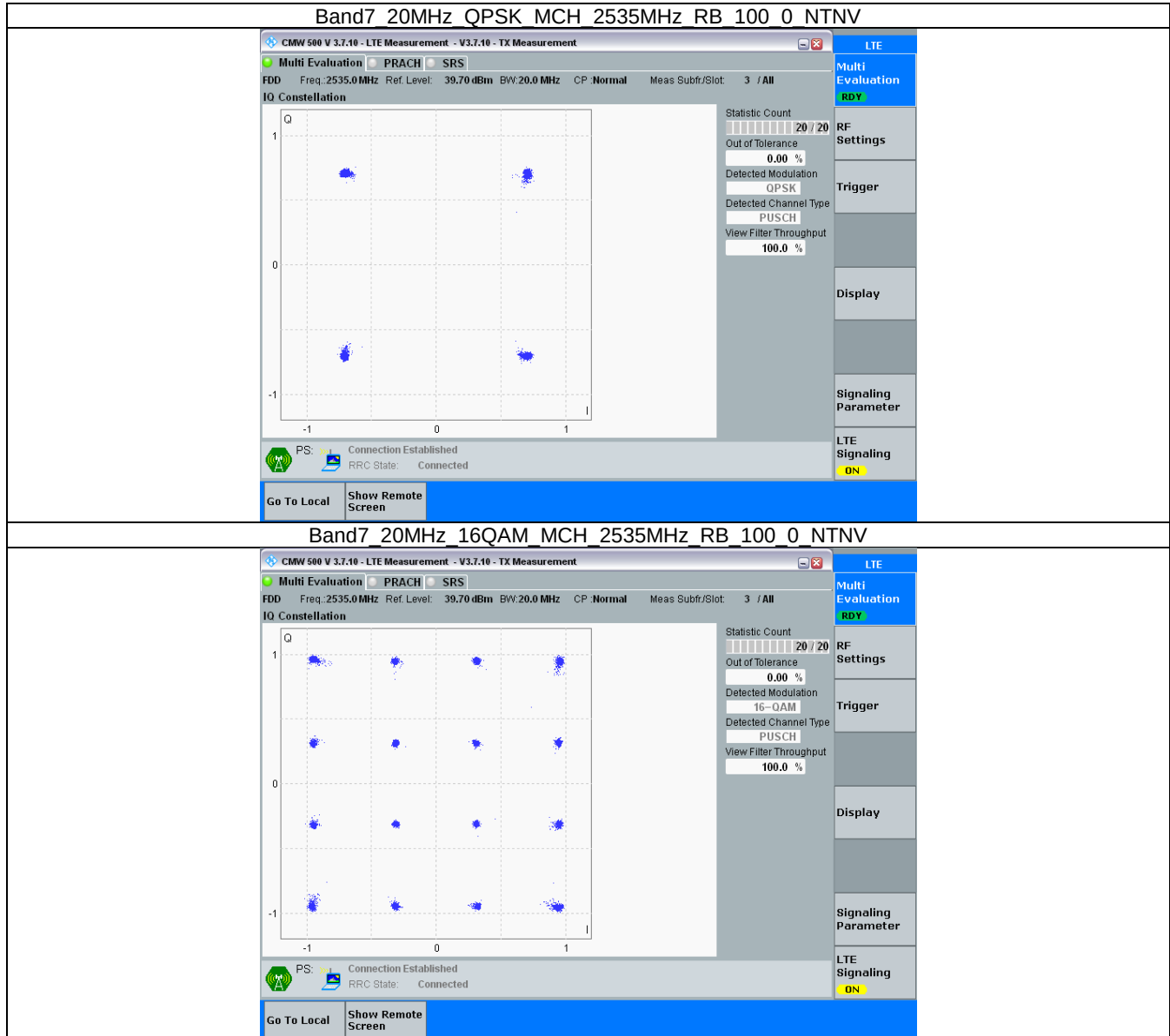
3.2.2 B7_10MHz



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 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.506	/	Pass
		2535	25	0	4.524	/	Pass
		2567.5	25	0	4.537	/	Pass
	16QAM	2502.5	25	0	4.516	/	Pass
		2535	25	0	4.505	/	Pass
		2567.5	25	0	4.514	/	Pass
10	QPSK	2505	50	0	8.960	/	Pass
		2535	50	0	8.945	/	Pass
		2565	50	0	8.964	/	Pass
	16QAM	2505	50	0	8.963	/	Pass
		2535	50	0	8.965	/	Pass
		2565	50	0	8.949	/	Pass
15	QPSK	2507.5	75	0	13.456	/	Pass
		2535	75	0	13.448	/	Pass
		2562.5	75	0	13.456	/	Pass
	16QAM	2507.5	75	0	13.451	/	Pass
		2535	75	0	13.454	/	Pass
		2562.5	75	0	13.481	/	Pass
20	QPSK	2510	100	0	17.910	/	Pass
		2535	100	0	17.881	/	Pass
		2560	100	0	17.880	/	Pass
	16QAM	2510	100	0	17.857	/	Pass
		2535	100	0	17.920	/	Pass
		2560	100	0	17.928	/	Pass

4.1.2 Band7_XDB

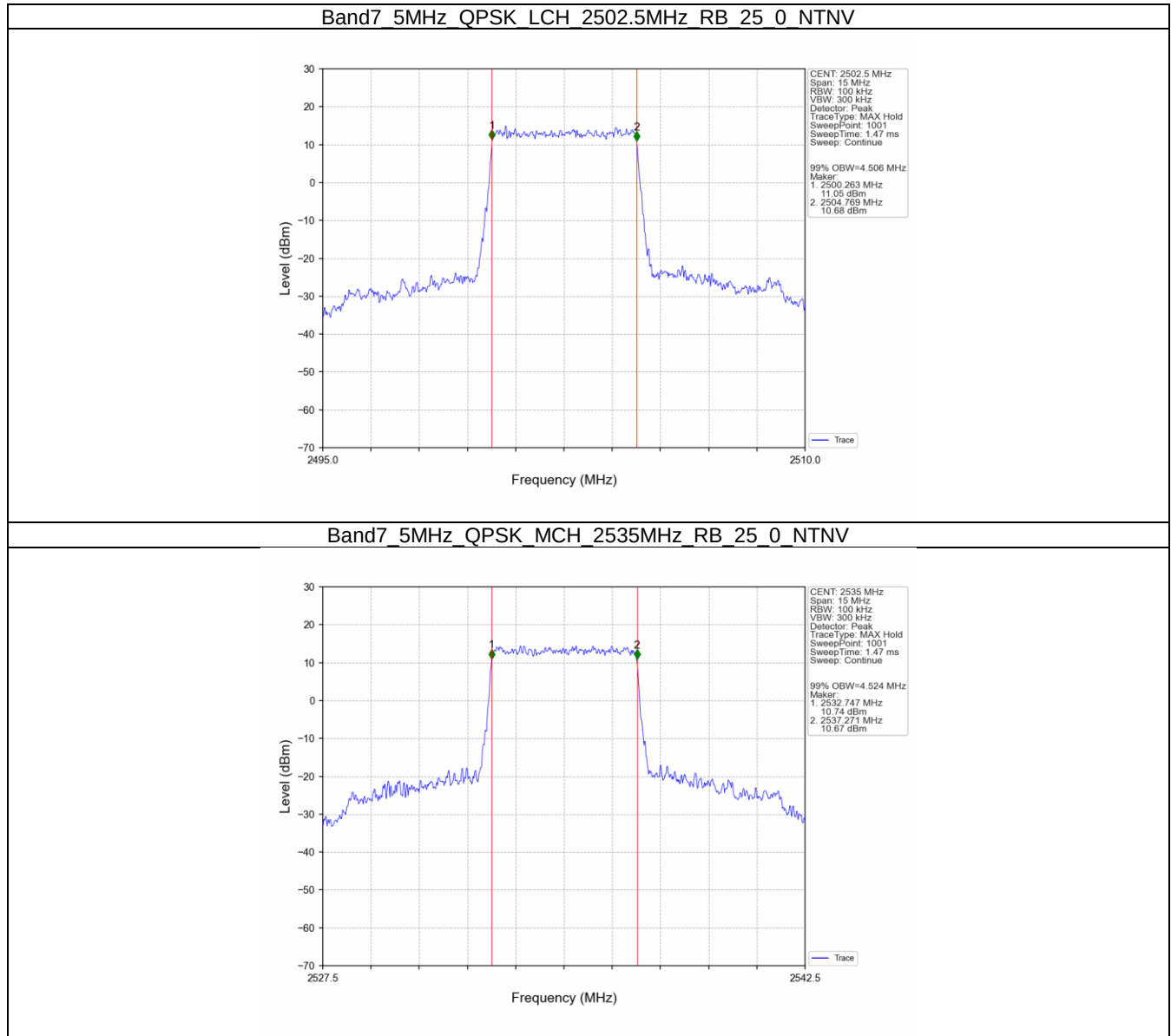
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.969	/	Pass
		2535	25	0	5.039	/	Pass
		2567.5	25	0	4.959	/	Pass
	16QAM	2502.5	25	0	4.986	/	Pass
		2535	25	0	4.972	/	Pass
		2567.5	25	0	4.945	/	Pass
10	QPSK	2505	50	0	9.667	/	Pass
		2535	50	0	9.618	/	Pass
		2565	50	0	9.561	/	Pass
	16QAM	2505	50	0	9.654	/	Pass
		2535	50	0	9.593	/	Pass
		2565	50	0	9.580	/	Pass
15	QPSK	2507.5	75	0	14.523	/	Pass
		2535	75	0	14.433	/	Pass
		2562.5	75	0	14.584	/	Pass
	16QAM	2507.5	75	0	14.513	/	Pass
		2535	75	0	14.444	/	Pass
		2562.5	75	0	14.430	/	Pass
20	QPSK	2510	100	0	19.089	/	Pass



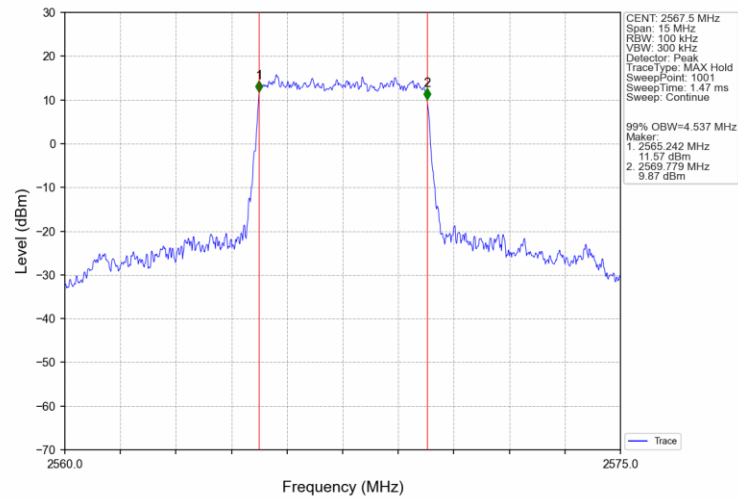
		2535	100	0	19.081	/	Pass
		2560	100	0	19.032	/	Pass
	16QAM	2510	100	0	19.055	/	Pass
		2535	100	0	19.085	/	Pass
		2560	100	0	18.951	/	Pass

4.2 Test Graph

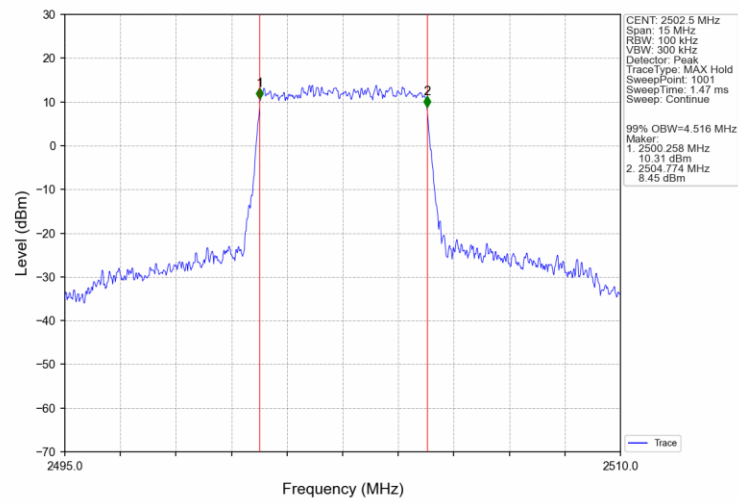
4.2.1 Band7_OBW



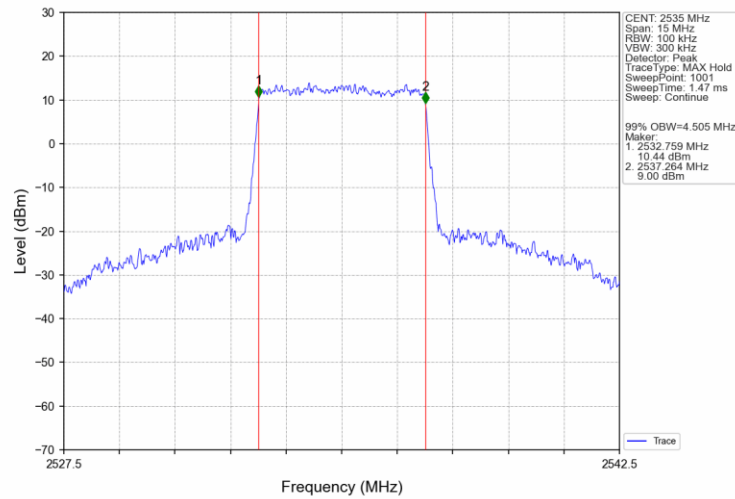
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



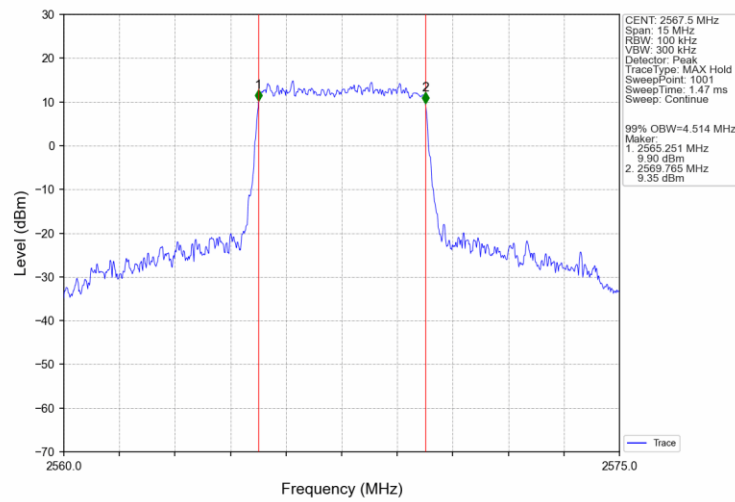
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



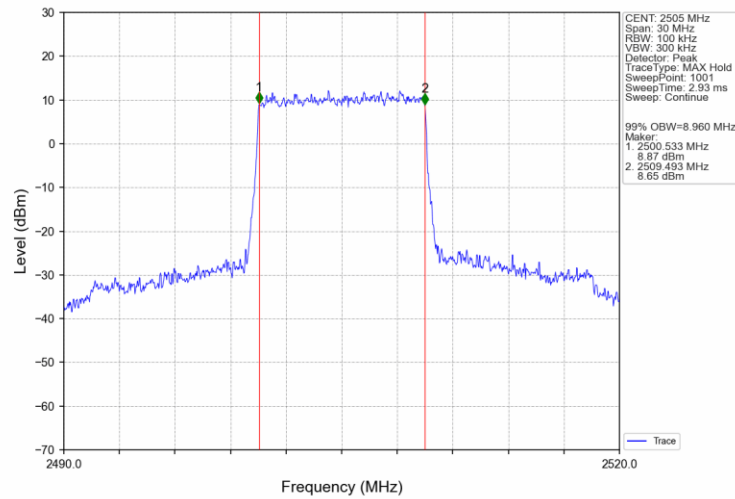
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



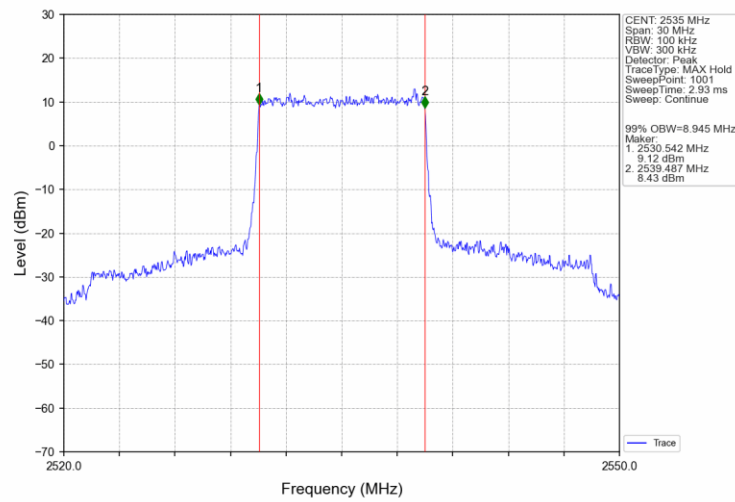
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



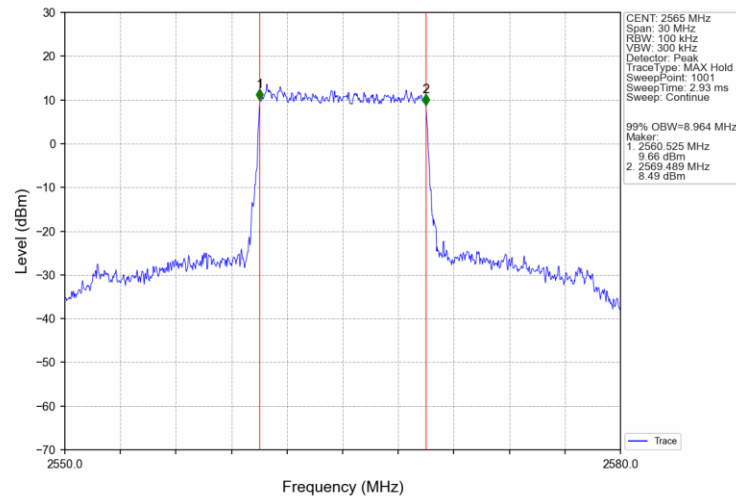
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



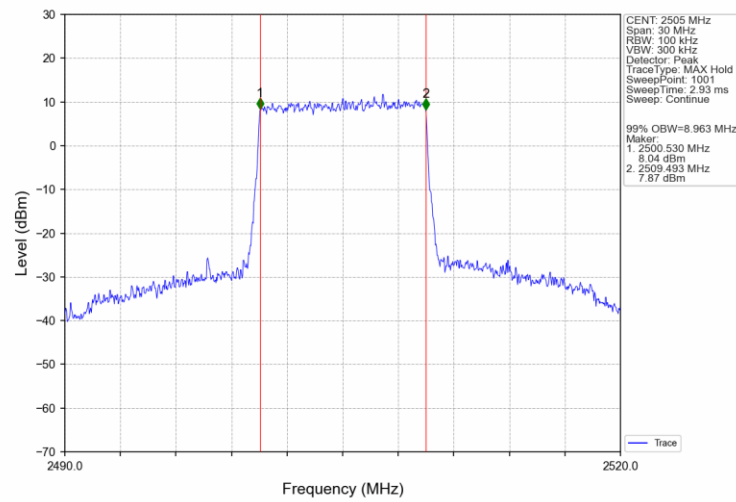
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



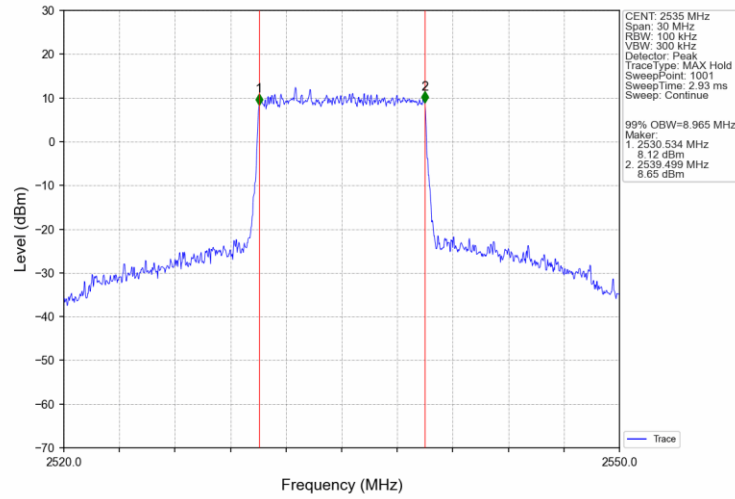
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



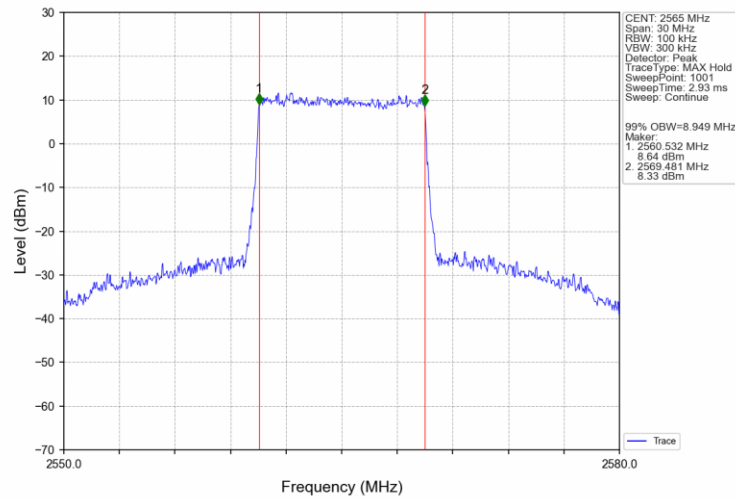
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



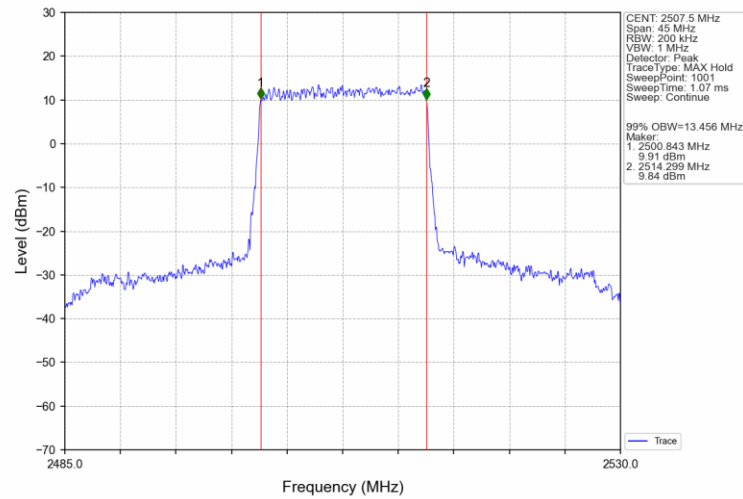
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



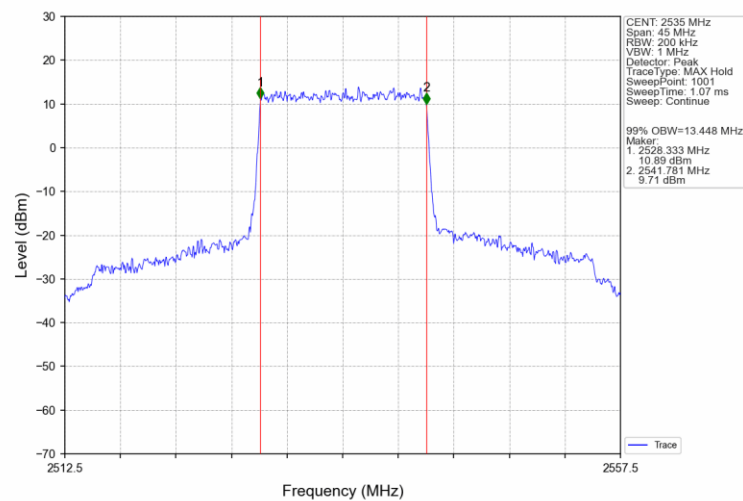
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



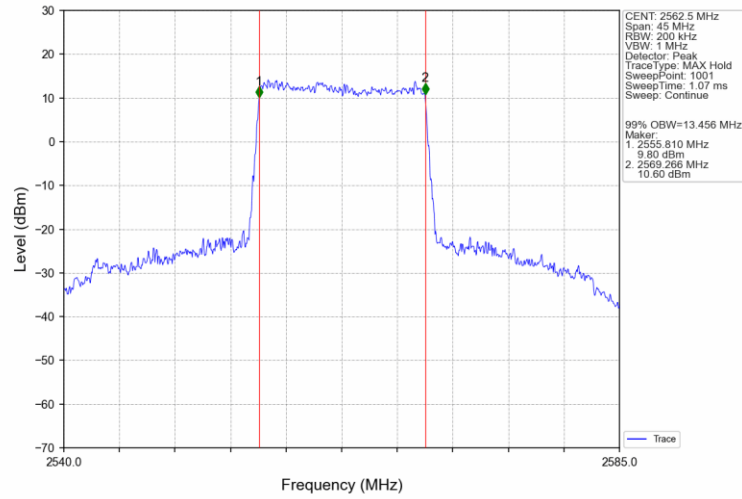
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



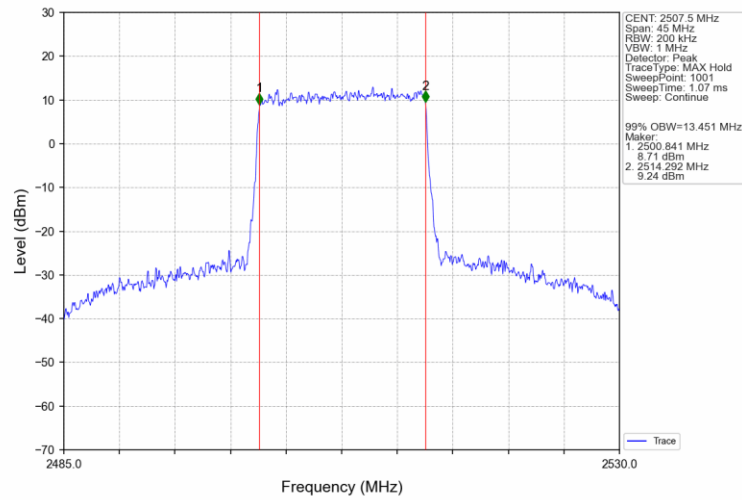
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



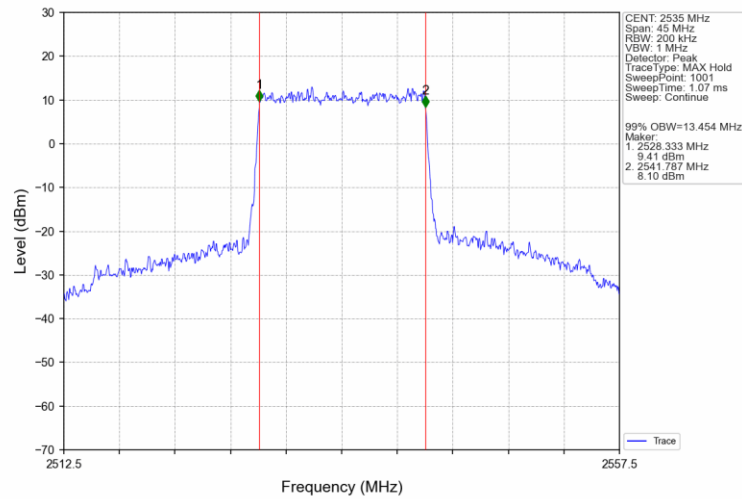
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



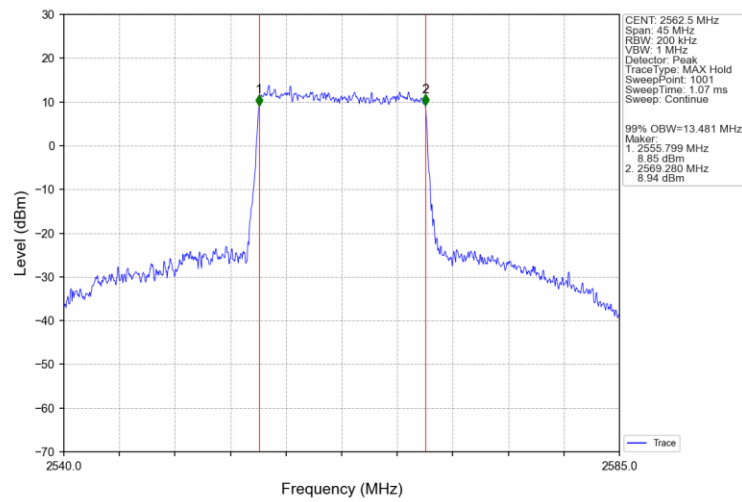
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



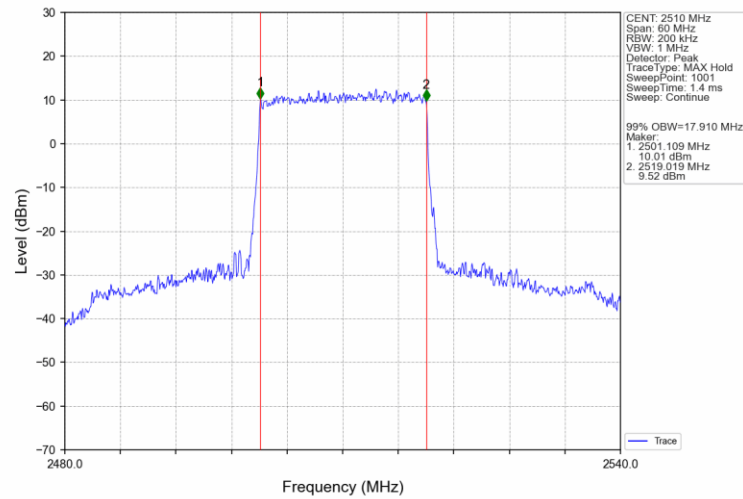
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



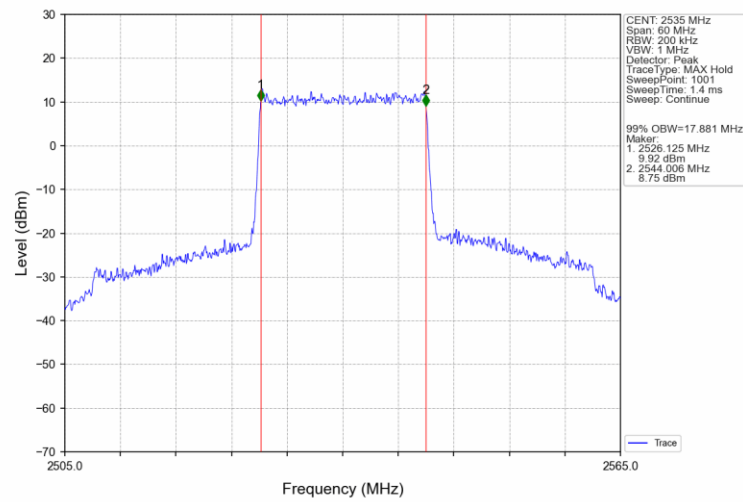
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



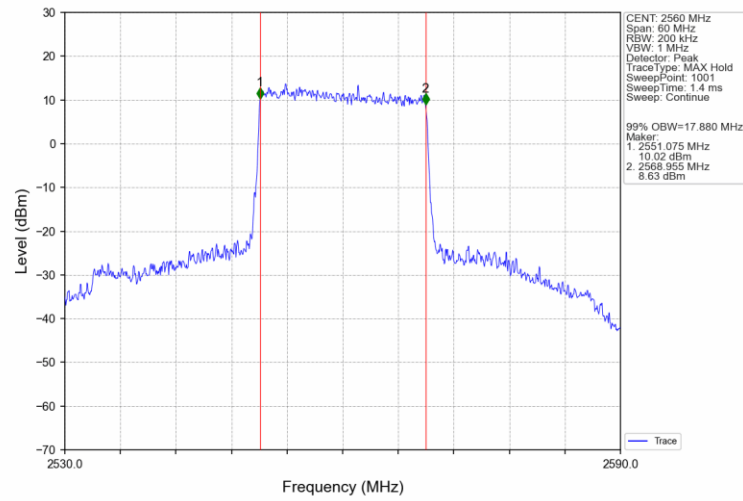
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



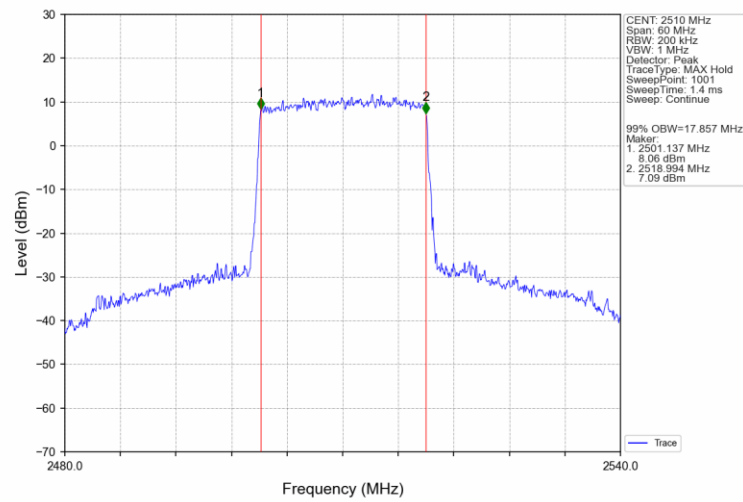
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



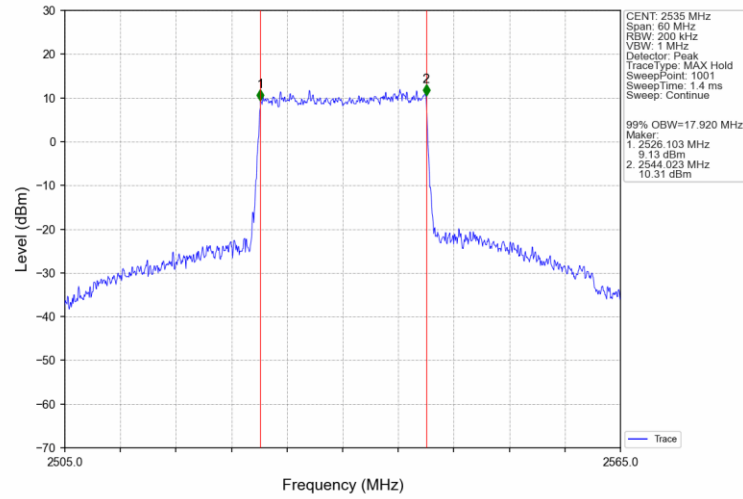
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



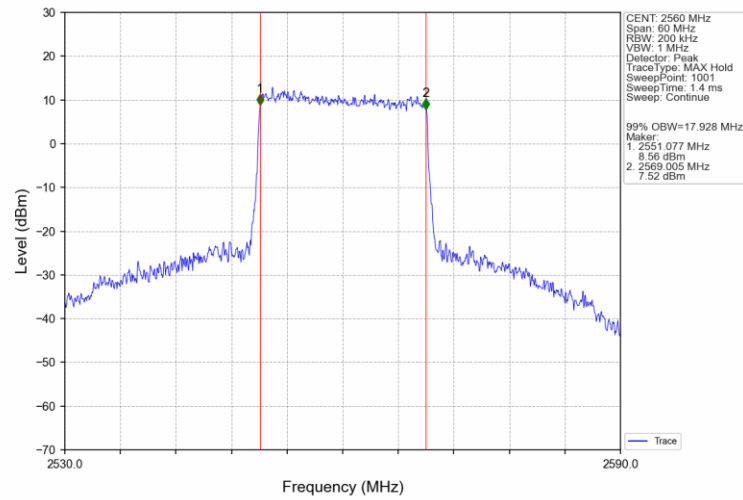
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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

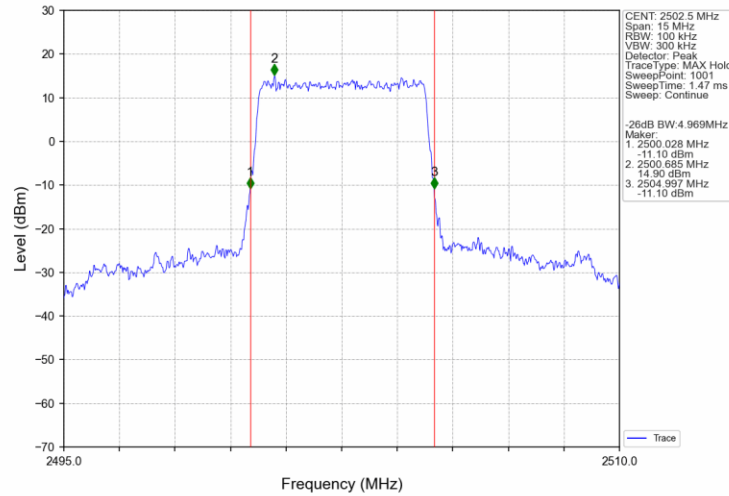


Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

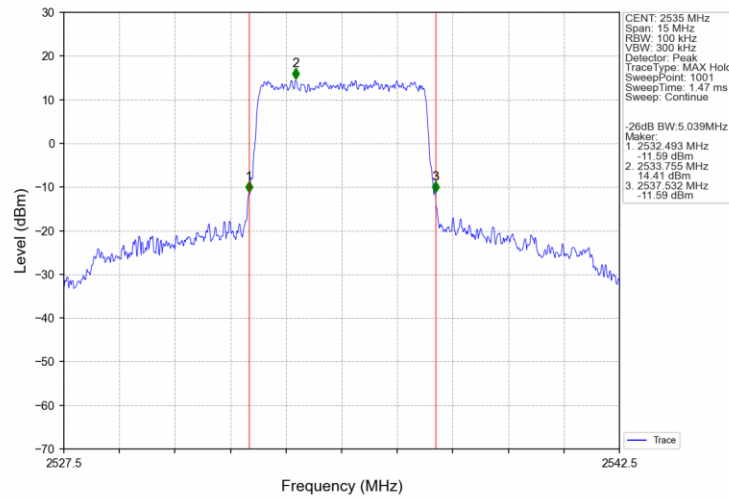


4.2.2 Band7_XDB

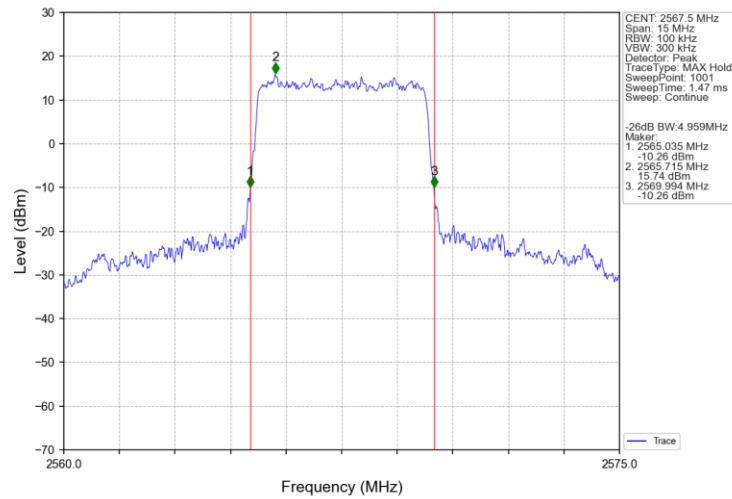
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



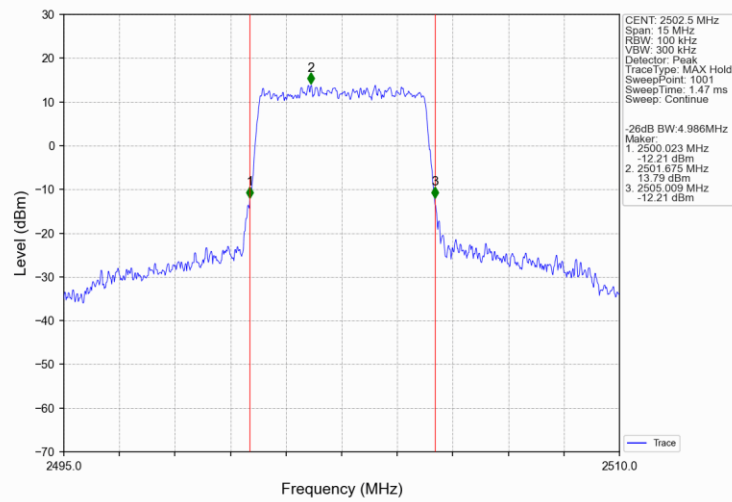
Band7 5MHz QPSK MCH 2535MHz RB 25 0 NTN



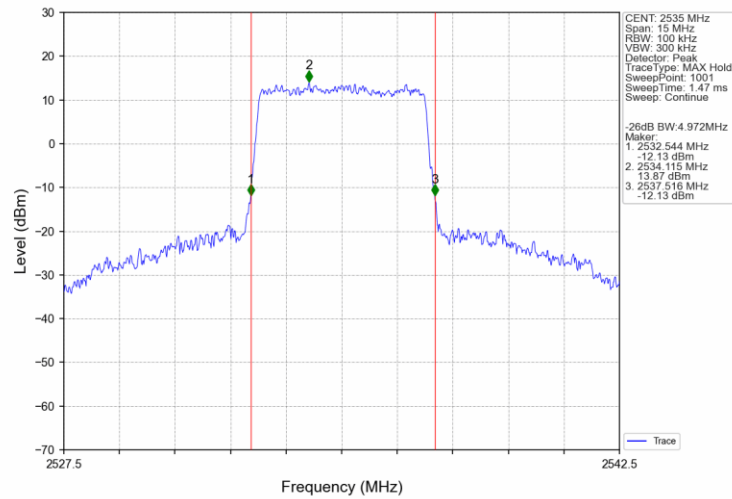
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



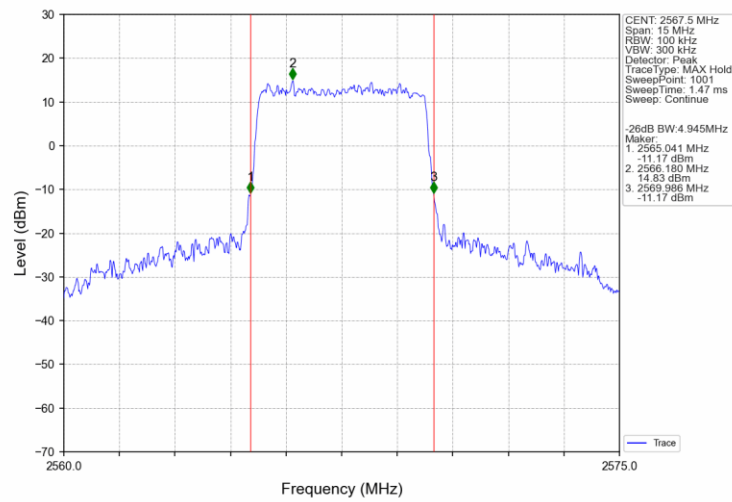
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



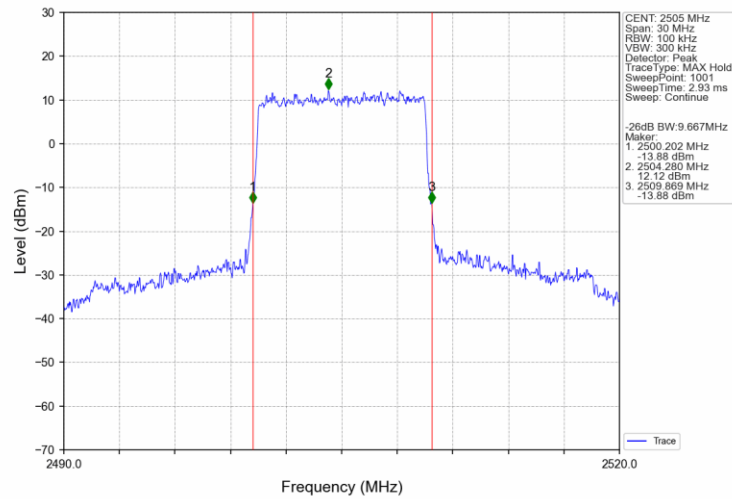
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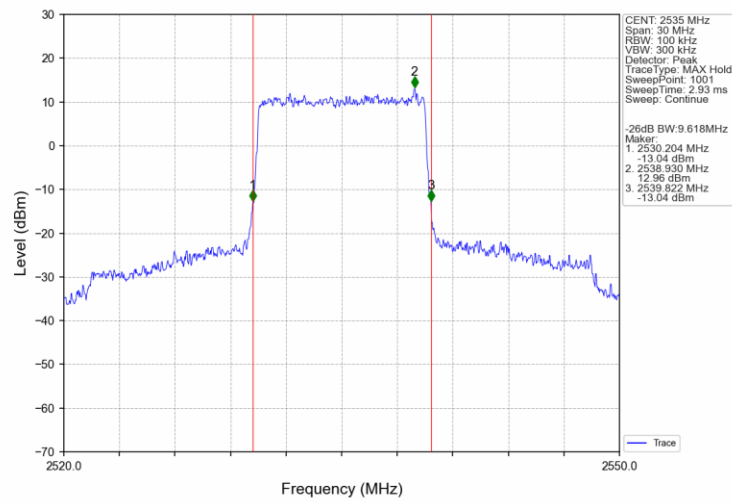
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



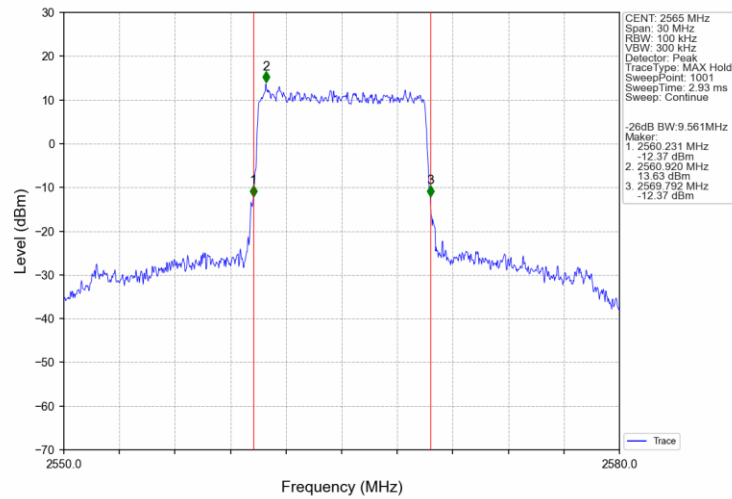
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



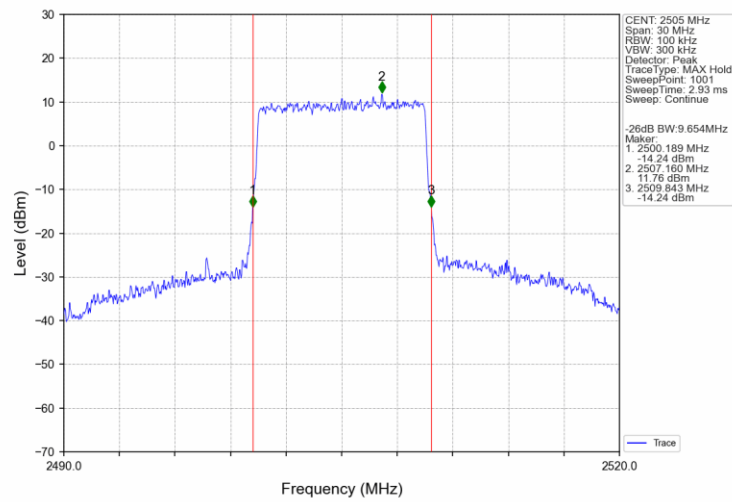
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



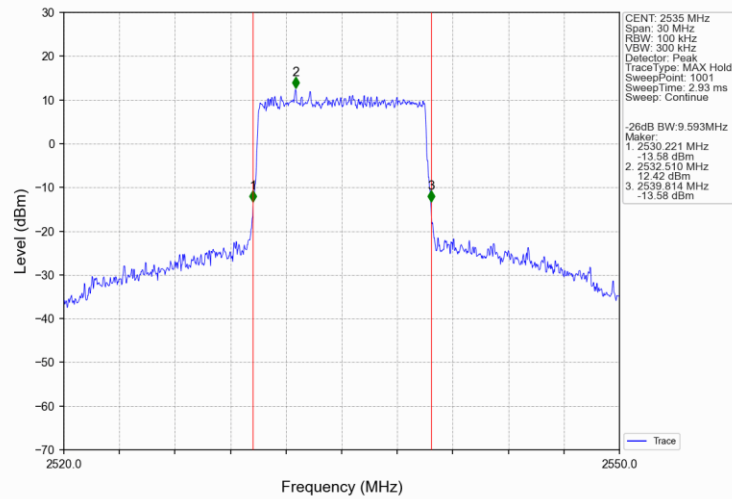
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



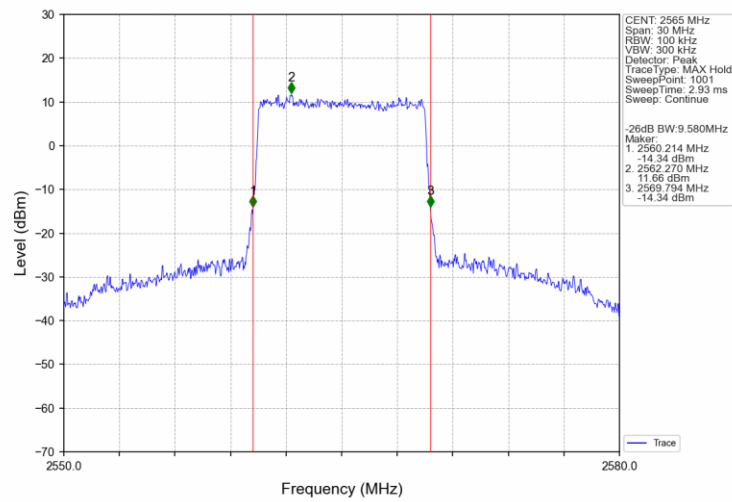
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



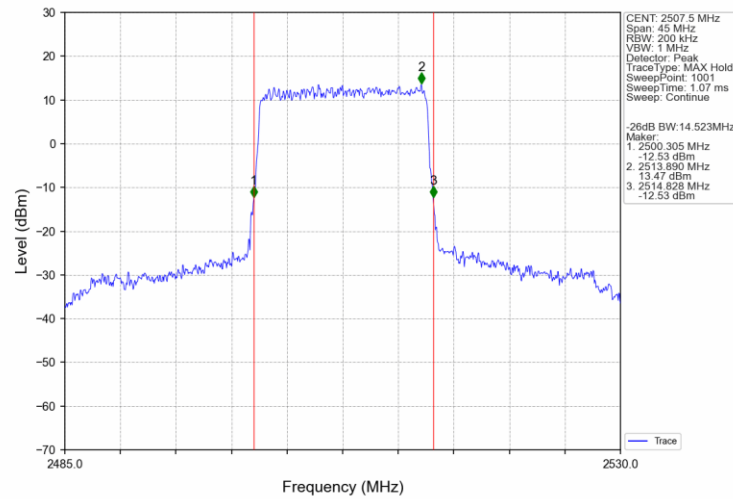
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



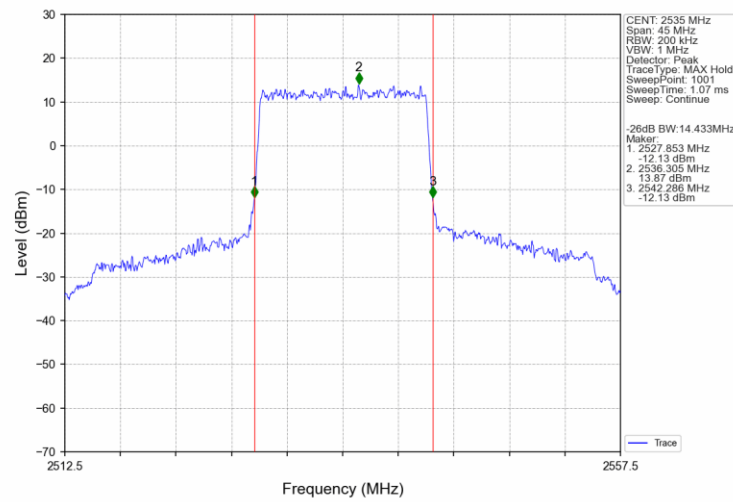
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



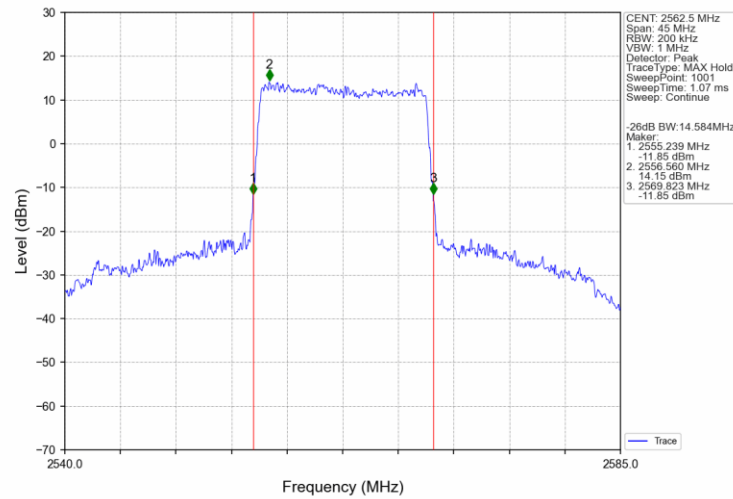
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



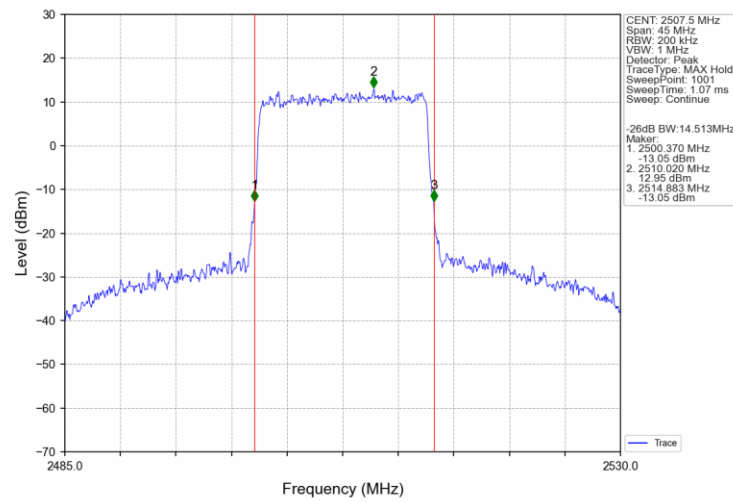
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



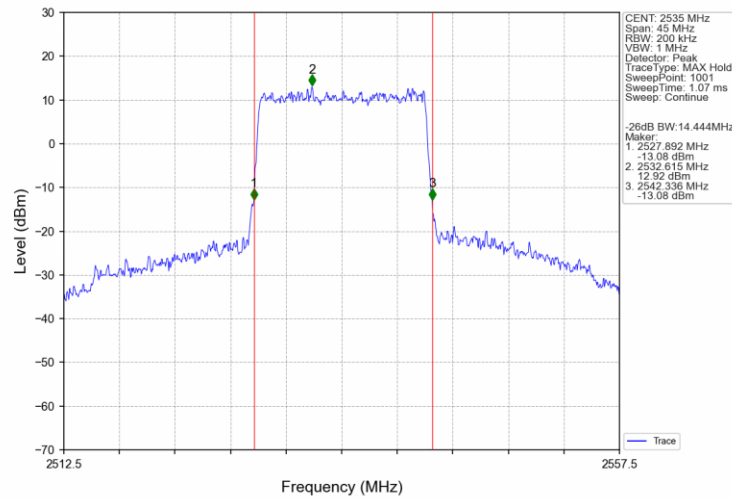
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



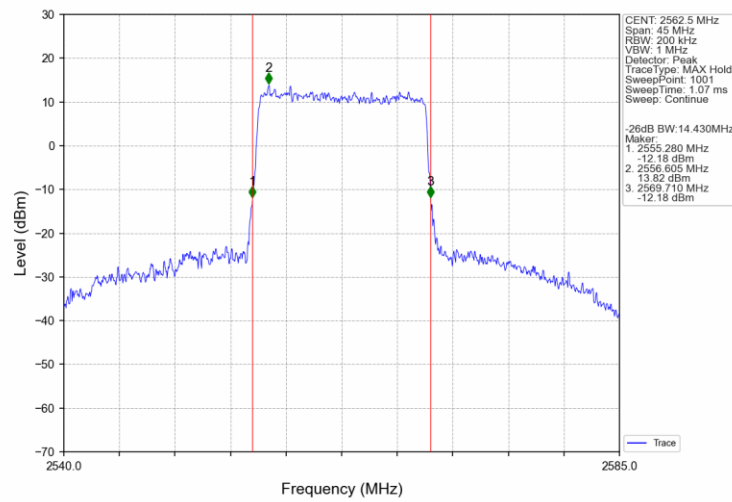
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



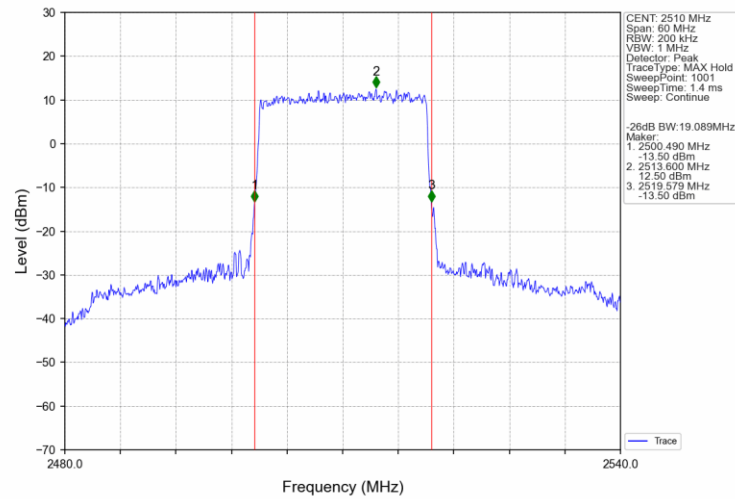
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



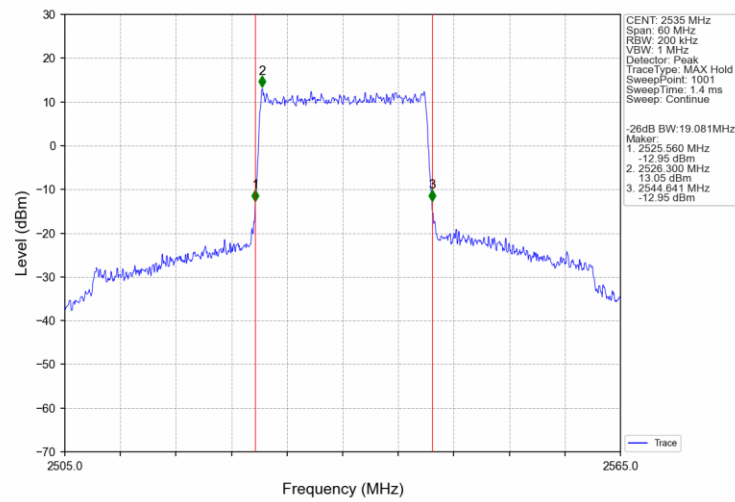
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



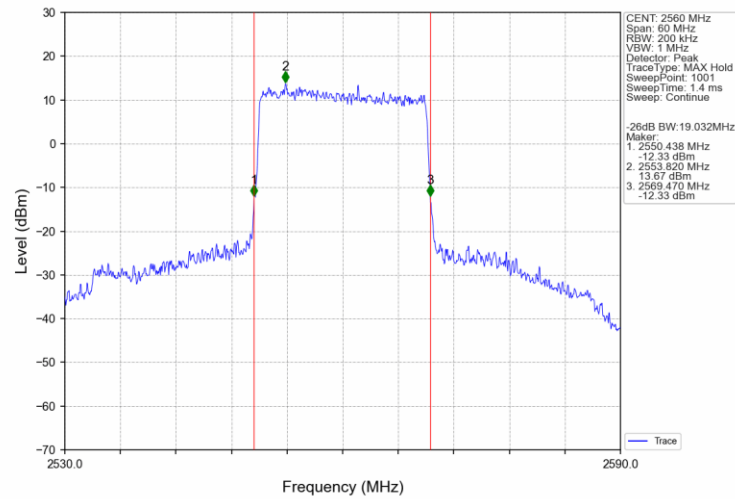
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



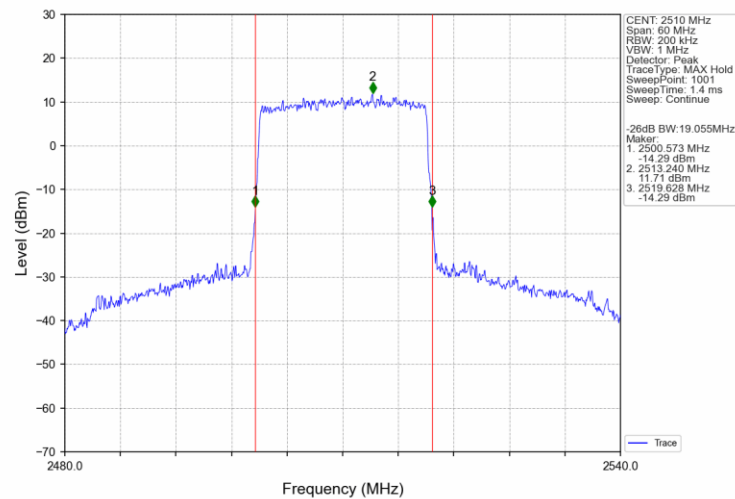
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



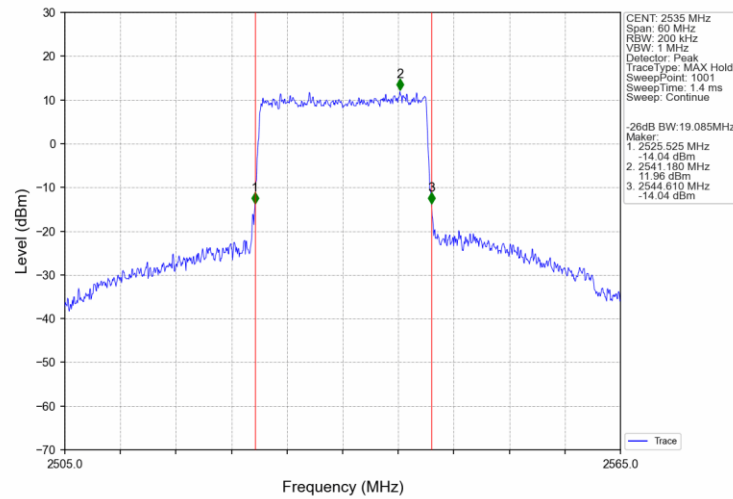
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



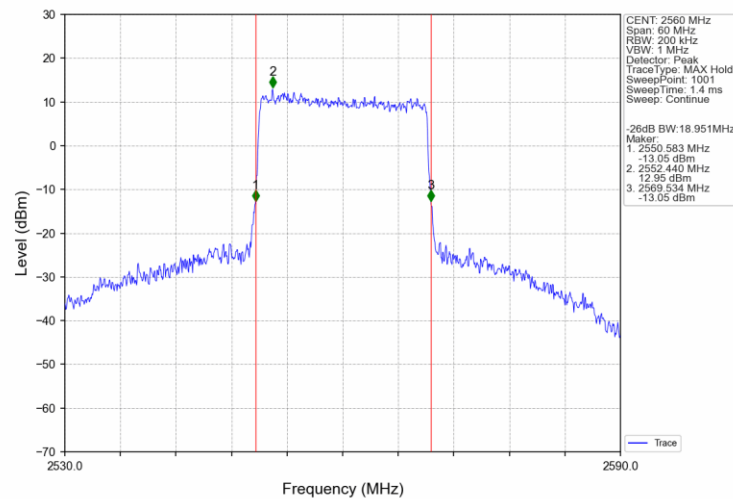
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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



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



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	5.42	<=13	Pass
	2535	25	0	5.09	<=13	Pass
	2567.5	25	0	5.29	<=13	Pass
16QAM	2502.5	25	0	6.16	<=13	Pass
	2535	25	0	5.80	<=13	Pass
	2567.5	25	0	6.01	<=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	5.33	<=13	Pass
	2535	50	0	5.03	<=13	Pass
	2565	50	0	5.34	<=13	Pass
16QAM	2505	50	0	6.13	<=13	Pass
	2535	50	0	5.83	<=13	Pass
	2565	50	0	6.11	<=13	Pass

5.1.3 B7_15MHz

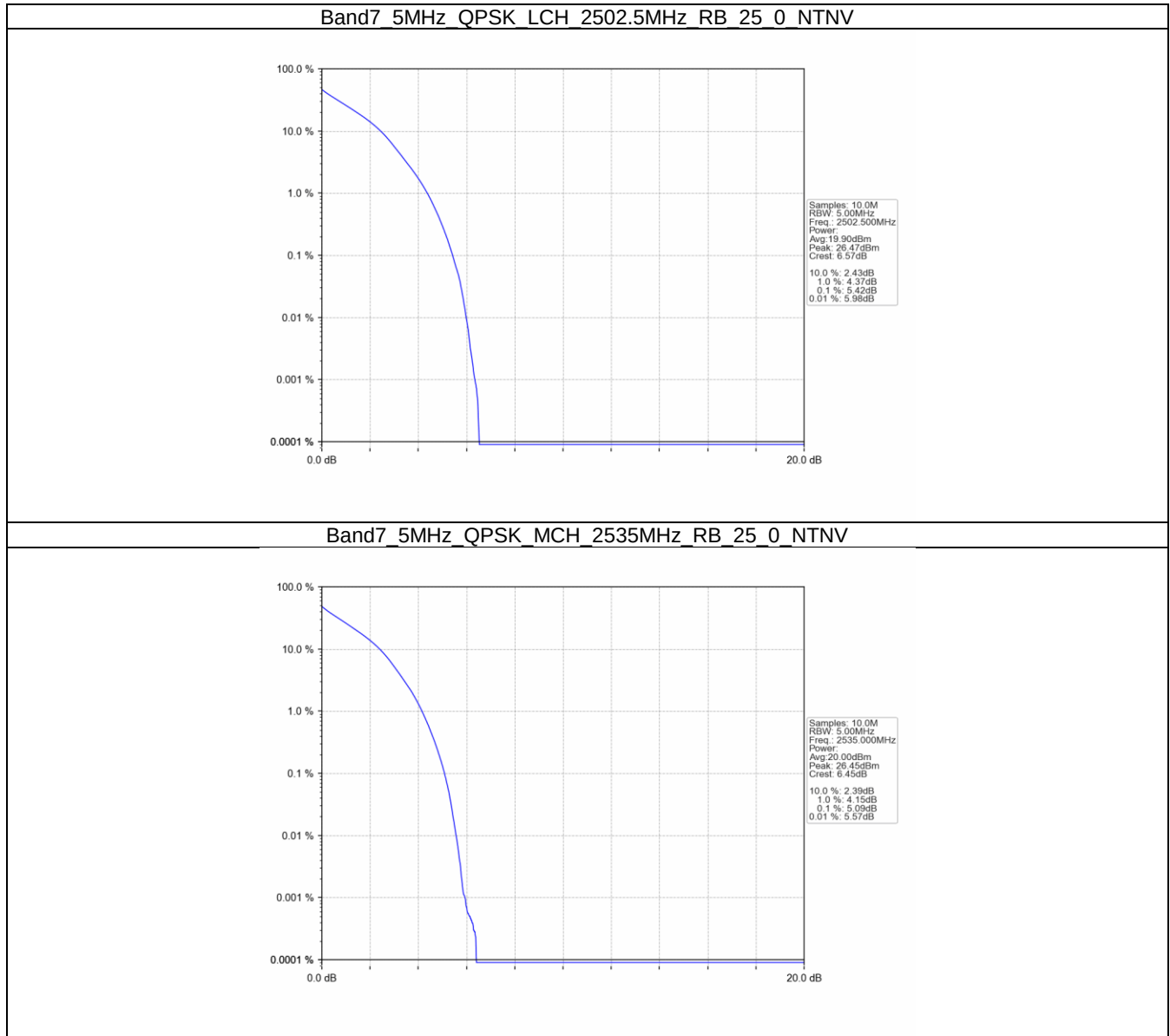
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.07	<=13	Pass
	2535	75	0	5.03	<=13	Pass
	2562.5	75	0	5.18	<=13	Pass
16QAM	2507.5	75	0	6.13	<=13	Pass
	2535	75	0	6.02	<=13	Pass
	2562.5	75	0	6.12	<=13	Pass

5.1.4 B7_20MHz

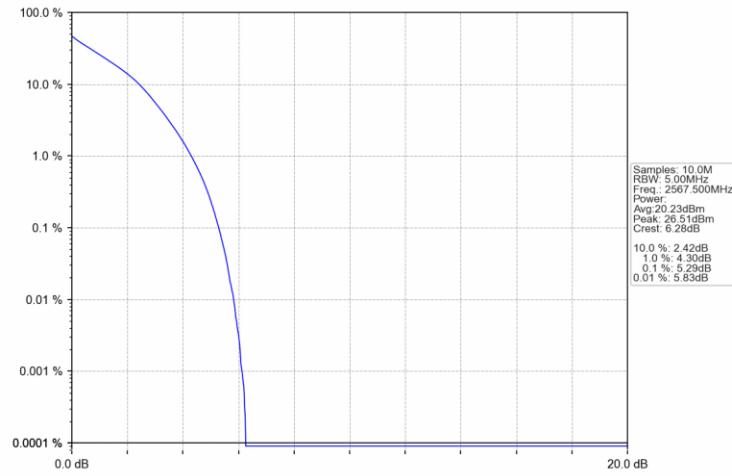
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.62	<=13	Pass
	2535	100	0	5.69	<=13	Pass
	2560	100	0	5.65	<=13	Pass
16QAM	2510	100	0	6.59	<=13	Pass
	2535	100	0	6.60	<=13	Pass
	2560	100	0	6.67	<=13	Pass

5.2 Test Graph

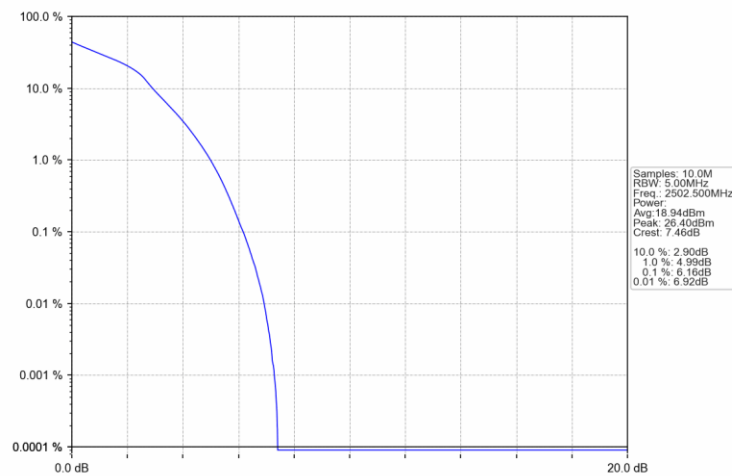
5.2.1 B7_5MHz



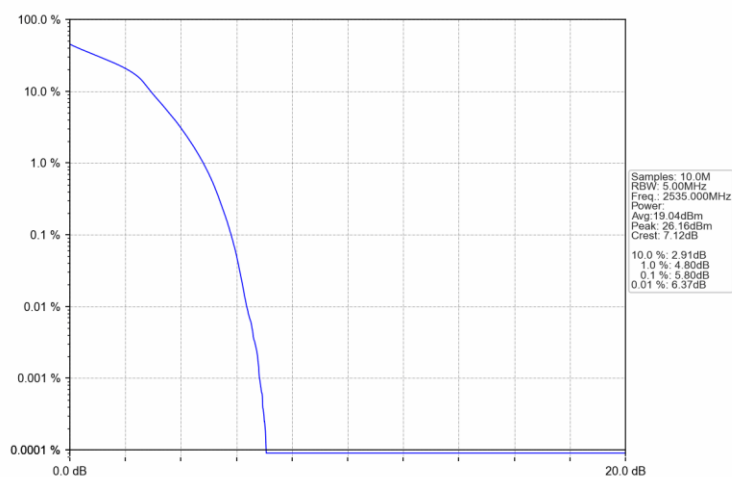
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



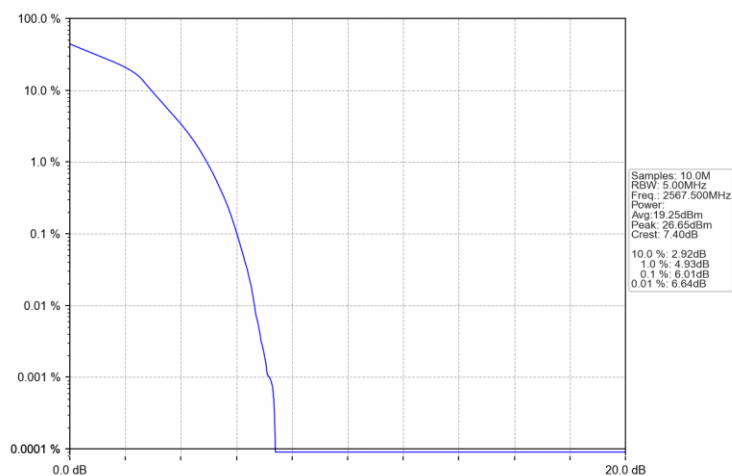
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



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

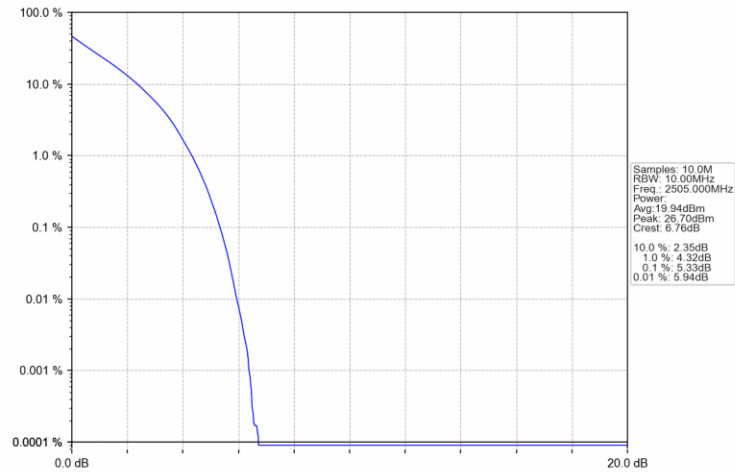


Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

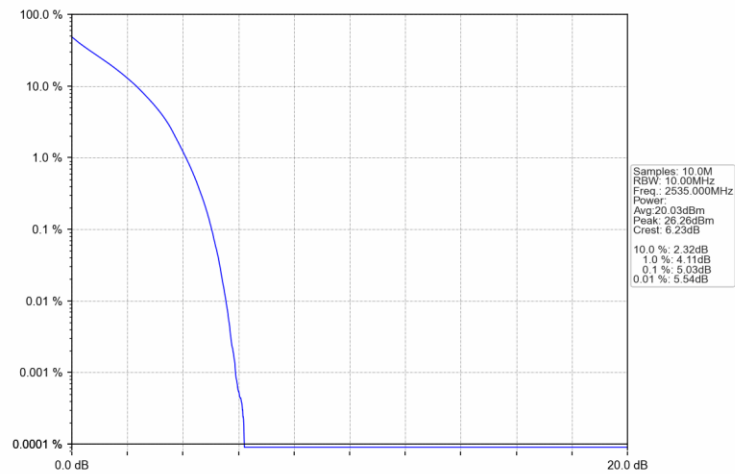


5.2.2 B7_10MHz

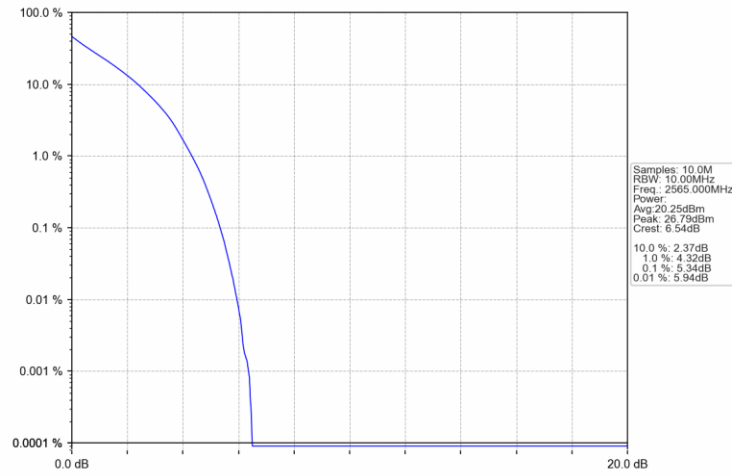
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



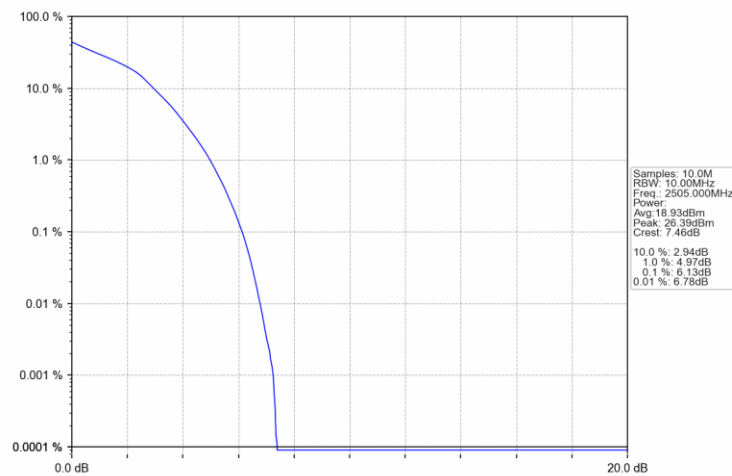
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



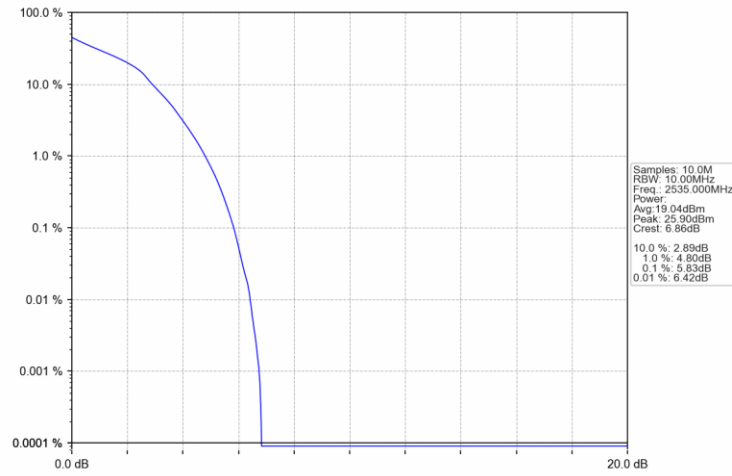
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



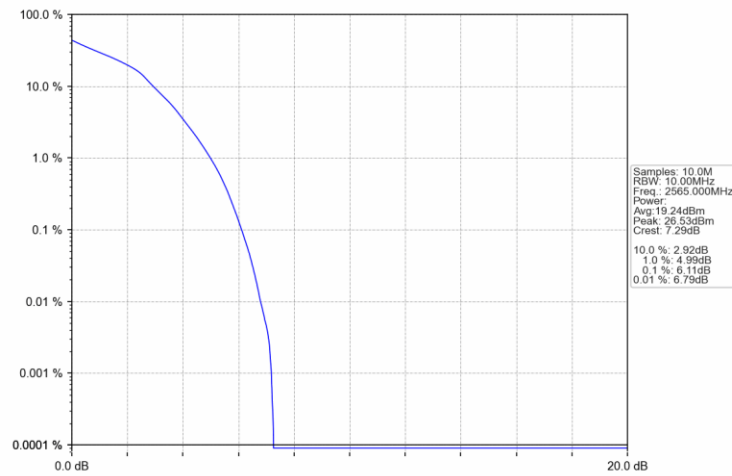
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



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

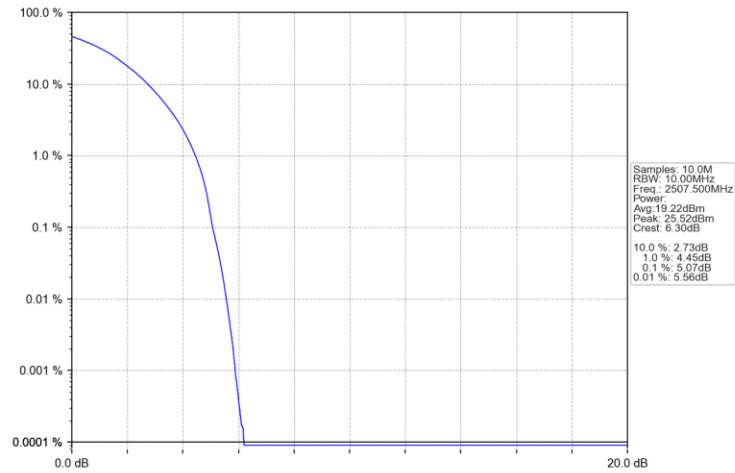


Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV

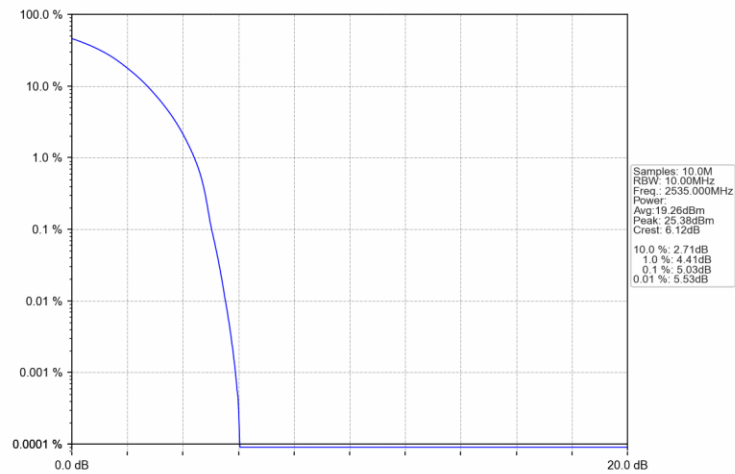


5.2.3 B7_15MHz

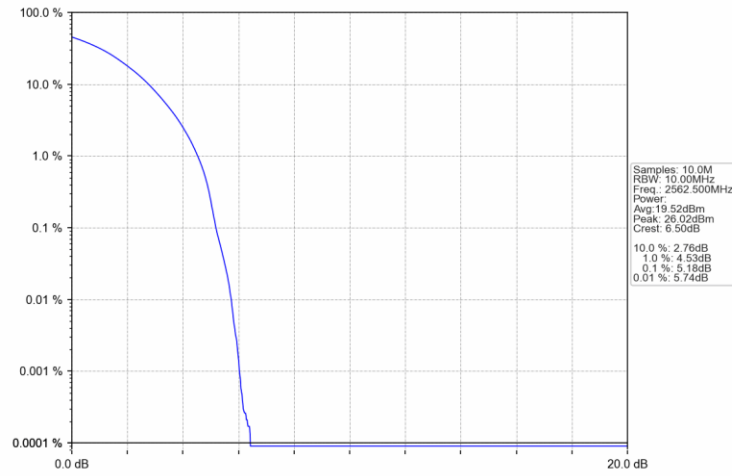
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



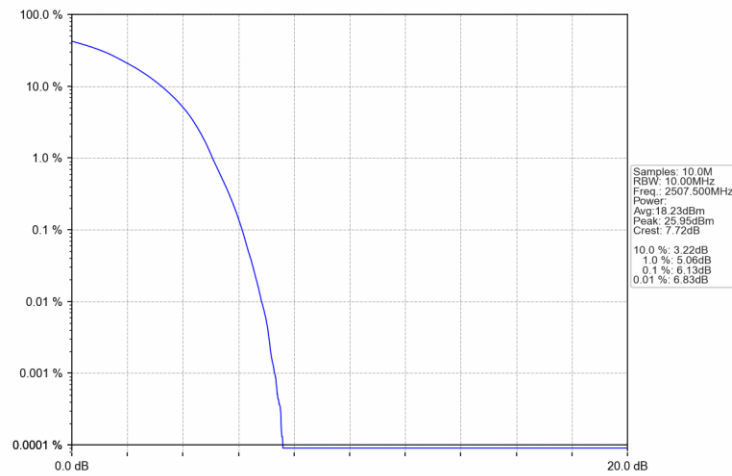
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



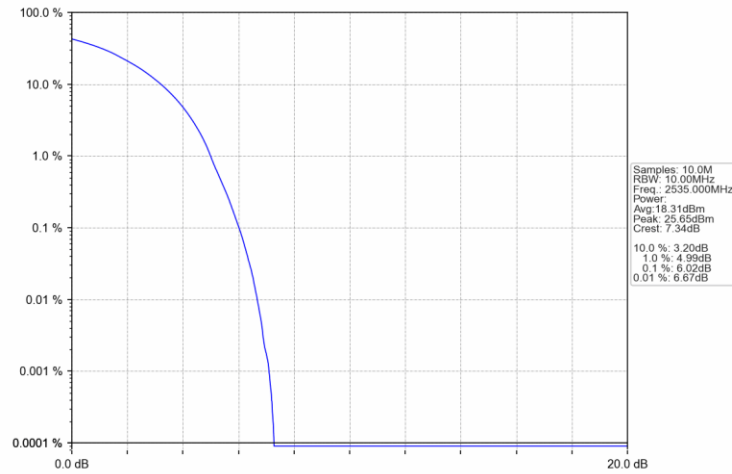
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



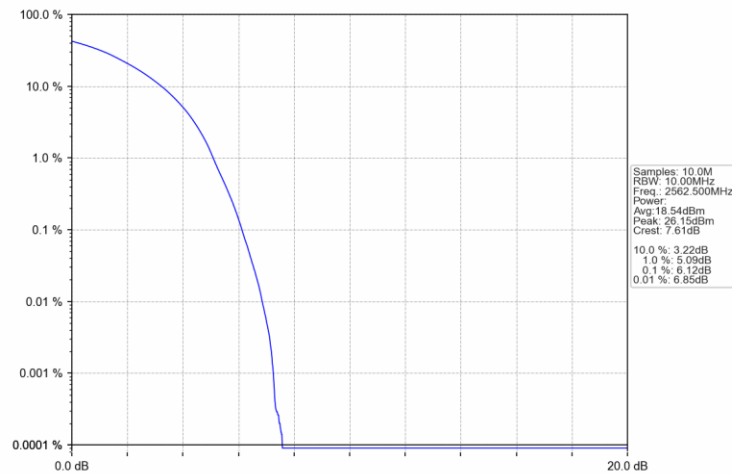
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

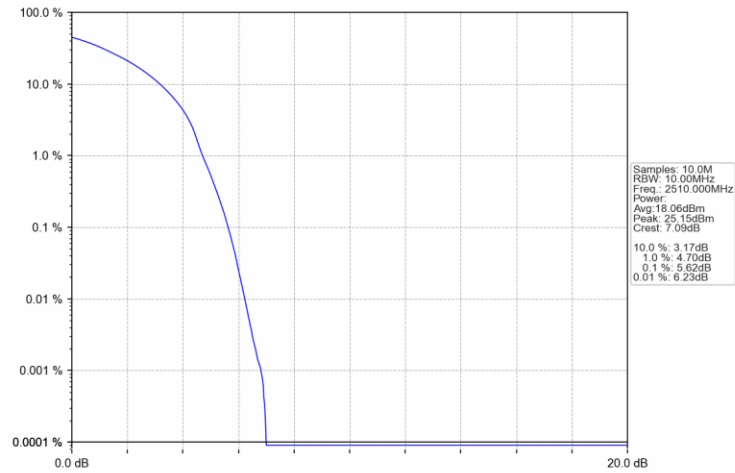


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

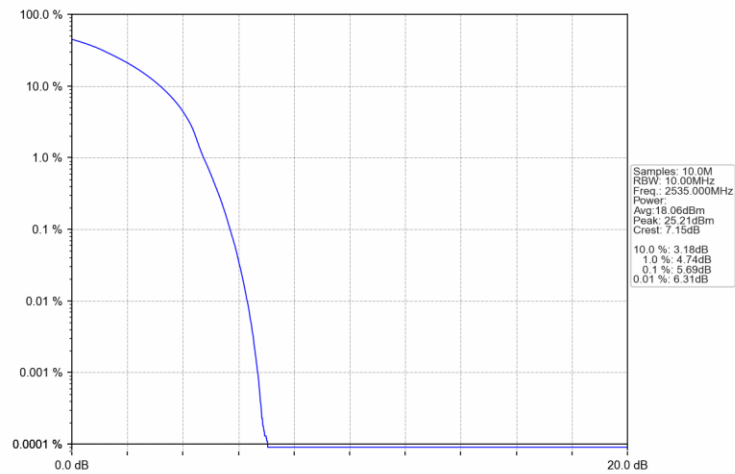


5.2.4 B7_20MHz

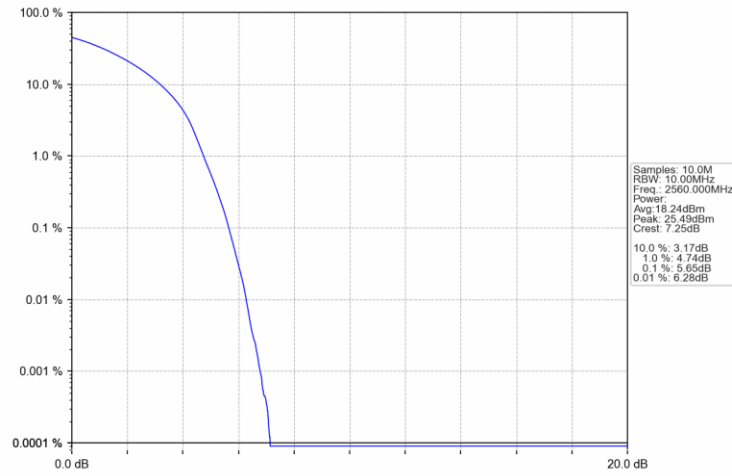
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



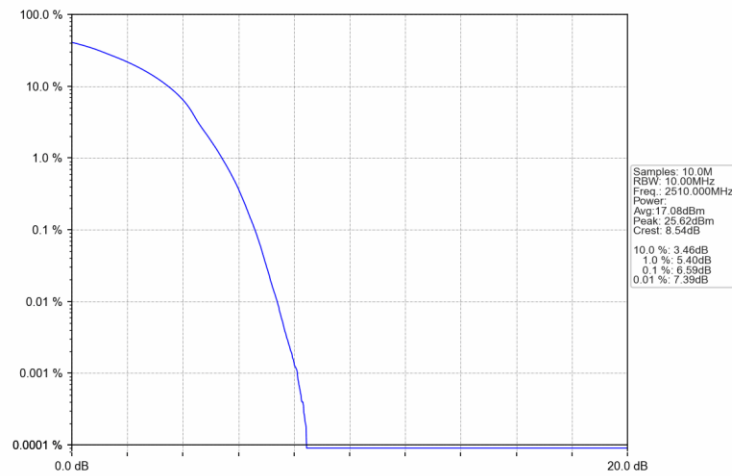
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



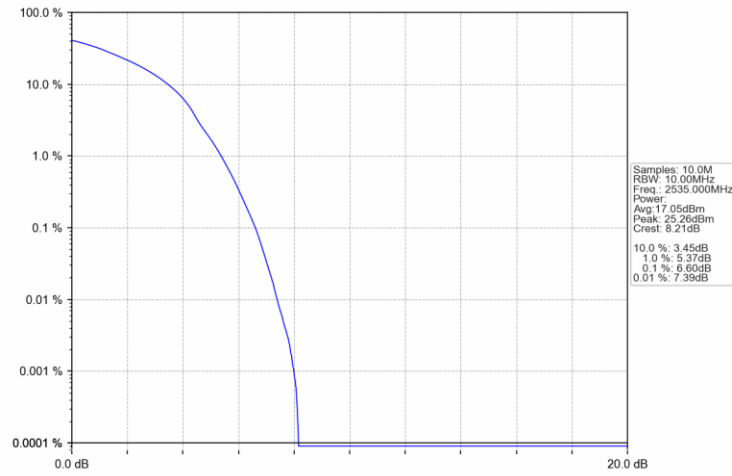
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



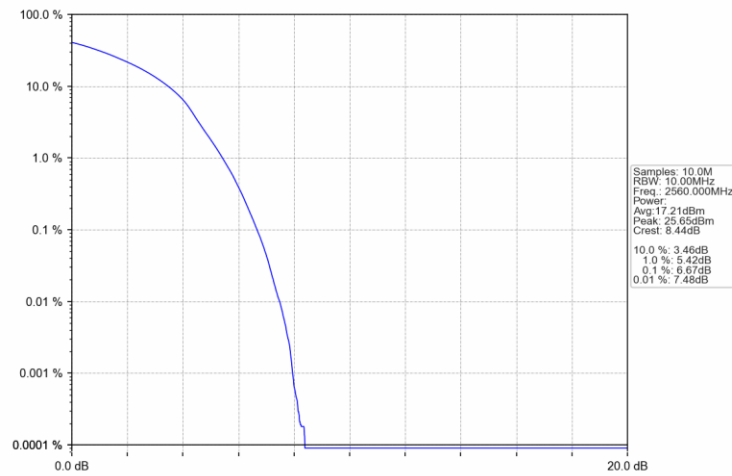
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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

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
		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

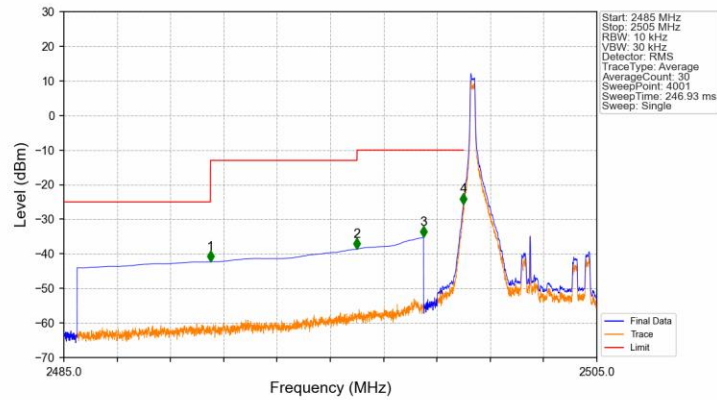
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTV						
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
		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

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	2490.500	-42.33	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-38.62	-13	Pass
2496	2499	1	CHP	3	2498.500	-35.20	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-25.59	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

