

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	22.09	1.11	23.20	<=33.01	Pass
			13	21.99	1.11	23.10	<=33.01	Pass
			24	21.71	1.11	22.82	<=33.01	Pass
		12	0	21.04	1.11	22.15	<=33.01	Pass
			6	21.07	1.11	22.18	<=33.01	Pass
			13	21.13	1.11	22.24	<=33.01	Pass
		25	0	21.09	1.11	22.20	<=33.01	Pass
	2535	1	0	21.85	1.11	22.96	<=33.01	Pass
			13	21.84	1.11	22.95	<=33.01	Pass
			24	21.88	1.11	22.99	<=33.01	Pass
		12	0	21.40	1.11	22.51	<=33.01	Pass
			6	21.40	1.11	22.51	<=33.01	Pass
			13	21.41	1.11	22.52	<=33.01	Pass
		25	0	21.41	1.11	22.52	<=33.01	Pass
	2567.5	1	0	22.13	1.11	23.24	<=33.01	Pass
			13	22.18	1.11	23.29	<=33.01	Pass
			24	22.19	1.11	23.30	<=33.01	Pass
		12	0	21.51	1.11	22.62	<=33.01	Pass
			6	21.47	1.11	22.58	<=33.01	Pass
			13	21.41	1.11	22.52	<=33.01	Pass
		25	0	21.48	1.11	22.59	<=33.01	Pass
16QAM	2502.5	1	0	20.65	1.11	21.76	<=33.01	Pass
			13	20.68	1.11	21.79	<=33.01	Pass
			24	20.71	1.11	21.82	<=33.01	Pass
		12	0	20.03	1.11	21.14	<=33.01	Pass
			6	20.05	1.11	21.16	<=33.01	Pass
			13	20.10	1.11	21.21	<=33.01	Pass
		25	0	20.12	1.11	21.23	<=33.01	Pass
	2535	1	0	21.15	1.11	22.26	<=33.01	Pass
			13	21.12	1.11	22.23	<=33.01	Pass
			24	21.13	1.11	22.24	<=33.01	Pass
		12	0	20.42	1.11	21.53	<=33.01	Pass
			6	20.43	1.11	21.54	<=33.01	Pass
			13	20.44	1.11	21.55	<=33.01	Pass
		25	0	20.43	1.11	21.54	<=33.01	Pass
	2567.5	1	0	20.82	1.11	21.93	<=33.01	Pass
			13	20.85	1.11	21.96	<=33.01	Pass
			24	20.85	1.11	21.96	<=33.01	Pass
		12	0	20.53	1.11	21.64	<=33.01	Pass
			6	20.51	1.11	21.62	<=33.01	Pass
			13	20.50	1.11	21.61	<=33.01	Pass
		25	0	20.56	1.11	21.67	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	21.49	1.11	22.60	<=33.01	Pass
			25	21.57	1.11	22.68	<=33.01	Pass
			49	21.61	1.11	22.72	<=33.01	Pass
		25	0	20.98	1.11	22.09	<=33.01	Pass
			13	21.12	1.11	22.23	<=33.01	Pass
			25	21.18	1.11	22.29	<=33.01	Pass
		50	0	21.12	1.11	22.23	<=33.01	Pass
	2535	1	0	21.74	1.11	22.85	<=33.01	Pass
			25	21.89	1.11	23.00	<=33.01	Pass
			49	21.86	1.11	22.97	<=33.01	Pass
		25	0	21.33	1.11	22.44	<=33.01	Pass
			13	21.41	1.11	22.52	<=33.01	Pass
			25	21.48	1.11	22.59	<=33.01	Pass
		50	0	21.49	1.11	22.60	<=33.01	Pass
	2565	1	0	21.95	1.11	23.06	<=33.01	Pass
			25	22.03	1.11	23.14	<=33.01	Pass
			49	22.03	1.11	23.14	<=33.01	Pass
		25	0	21.54	1.11	22.65	<=33.01	Pass
			13	21.52	1.11	22.63	<=33.01	Pass
			25	21.54	1.11	22.65	<=33.01	Pass
		50	0	21.58	1.11	22.69	<=33.01	Pass
16QAM	2505	1	0	20.53	1.11	21.64	<=33.01	Pass
			25	20.61	1.11	21.72	<=33.01	Pass
			49	20.62	1.11	21.73	<=33.01	Pass
		12	0	21.07	1.11	22.18	<=33.01	Pass
			19	21.16	1.11	22.27	<=33.01	Pass
			38	21.16	1.11	22.27	<=33.01	Pass
		27	0	20.00	1.11	21.11	<=33.01	Pass
	2535	1	0	20.98	1.11	22.09	<=33.01	Pass
			25	21.12	1.11	22.23	<=33.01	Pass
			49	21.11	1.11	22.22	<=33.01	Pass
		12	0	21.34	1.11	22.45	<=33.01	Pass
			19	21.44	1.11	22.55	<=33.01	Pass
			38	21.50	1.11	22.61	<=33.01	Pass
		27	0	20.39	1.11	21.50	<=33.01	Pass
	2565	1	0	21.42	1.11	22.53	<=33.01	Pass
			25	21.50	1.11	22.61	<=33.01	Pass
			49	21.50	1.11	22.61	<=33.01	Pass
		12	0	21.56	1.11	22.67	<=33.01	Pass
			19	21.57	1.11	22.68	<=33.01	Pass
			38	21.62	1.11	22.73	<=33.01	Pass
		27	23	20.51	1.11	21.62	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	21.38	1.11	22.49	<=33.01	Pass
			38	21.51	1.11	22.62	<=33.01	Pass
			74	21.53	1.11	22.64	<=33.01	Pass
		36	0	20.98	1.11	22.09	<=33.01	Pass
			18	21.04	1.11	22.15	<=33.01	Pass
			39	21.11	1.11	22.22	<=33.01	Pass
		75	0	21.04	1.11	22.15	<=33.01	Pass
	2535	1	0	21.68	1.11	22.79	<=33.01	Pass
			38	21.88	1.11	22.99	<=33.01	Pass
			74	21.81	1.11	22.92	<=33.01	Pass
		36	0	21.32	1.11	22.43	<=33.01	Pass
			18	21.37	1.11	22.48	<=33.01	Pass
			39	21.44	1.11	22.55	<=33.01	Pass
		75	0	21.41	1.11	22.52	<=33.01	Pass
	2562.5	1	0	21.84	1.11	22.95	<=33.01	Pass
			38	22.02	1.11	23.13	<=33.01	Pass
			74	22.00	1.11	23.11	<=33.01	Pass
		36	0	21.46	1.11	22.57	<=33.01	Pass
			18	21.48	1.11	22.59	<=33.01	Pass
			39	21.55	1.11	22.66	<=33.01	Pass
		75	0	21.54	1.11	22.65	<=33.01	Pass
16QAM	2507.5	1	0	20.87	1.11	21.98	<=33.01	Pass
			38	20.98	1.11	22.09	<=33.01	Pass
			74	20.96	1.11	22.07	<=33.01	Pass
		12	0	20.93	1.11	22.04	<=33.01	Pass
			31	21.03	1.11	22.14	<=33.01	Pass
			63	21.04	1.11	22.15	<=33.01	Pass
		27	0	19.99	1.11	21.10	<=33.01	Pass
	2535	1	0	20.90	1.11	22.01	<=33.01	Pass
			38	21.12	1.11	22.23	<=33.01	Pass
			74	21.07	1.11	22.18	<=33.01	Pass
		12	0	21.25	1.11	22.36	<=33.01	Pass
			31	21.42	1.11	22.53	<=33.01	Pass
			63	21.42	1.11	22.53	<=33.01	Pass
		27	0	20.34	1.11	21.45	<=33.01	Pass
	2562.5	1	0	21.35	1.11	22.46	<=33.01	Pass
			38	21.55	1.11	22.66	<=33.01	Pass
			74	21.44	1.11	22.55	<=33.01	Pass
		12	0	21.46	1.11	22.57	<=33.01	Pass
			31	21.58	1.11	22.69	<=33.01	Pass
			63	21.58	1.11	22.69	<=33.01	Pass
		27	48	20.52	1.11	21.63	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	21.36	1.11	22.47	<=33.01	Pass
			50	21.55	1.11	22.66	<=33.01	Pass
			99	21.59	1.11	22.70	<=33.01	Pass
		50	0	20.93	1.11	22.04	<=33.01	Pass
			25	21.12	1.11	22.23	<=33.01	Pass
			50	21.12	1.11	22.23	<=33.01	Pass
		100	0	21.02	1.11	22.13	<=33.01	Pass
			0	21.60	1.11	22.71	<=33.01	Pass
			50	21.86	1.11	22.97	<=33.01	Pass
	2535	1	0	21.60	1.11	22.71	<=33.01	Pass
			50	21.86	1.11	22.97	<=33.01	Pass
			99	21.79	1.11	22.90	<=33.01	Pass
		50	0	21.35	1.11	22.46	<=33.01	Pass
			25	21.47	1.11	22.58	<=33.01	Pass
			50	21.57	1.11	22.68	<=33.01	Pass
		100	0	21.47	1.11	22.58	<=33.01	Pass
			0	21.76	1.11	22.87	<=33.01	Pass
			50	21.99	1.11	23.10	<=33.01	Pass
	2560	1	0	21.90	1.11	23.01	<=33.01	Pass
			50	21.59	1.11	22.70	<=33.01	Pass
			99	21.90	1.11	23.01	<=33.01	Pass
		50	0	21.59	1.11	22.70	<=33.01	Pass
			25	21.51	1.11	22.62	<=33.01	Pass
			50	21.54	1.11	22.65	<=33.01	Pass
		100	0	21.57	1.11	22.68	<=33.01	Pass
16QAM	2510	1	0	20.99	1.11	22.10	<=33.01	Pass
			50	21.18	1.11	22.29	<=33.01	Pass
			99	21.20	1.11	22.31	<=33.01	Pass
		12	0	20.92	1.11	22.03	<=33.01	Pass
			44	21.11	1.11	22.22	<=33.01	Pass
			88	21.09	1.11	22.20	<=33.01	Pass
		27	0	19.93	1.11	21.04	<=33.01	Pass
			0	20.83	1.11	21.94	<=33.01	Pass
			50	21.14	1.11	22.25	<=33.01	Pass
	2535	1	0	21.09	1.11	22.20	<=33.01	Pass
			50	21.15	1.11	22.26	<=33.01	Pass
			99	21.09	1.11	22.20	<=33.01	Pass
		12	0	21.15	1.11	22.26	<=33.01	Pass
			44	21.41	1.11	22.52	<=33.01	Pass
			88	21.38	1.11	22.49	<=33.01	Pass
		27	0	20.18	1.11	21.29	<=33.01	Pass
			0	21.04	1.11	22.15	<=33.01	Pass
			50	21.28	1.11	22.39	<=33.01	Pass
	2560	1	0	21.23	1.11	22.34	<=33.01	Pass
			50	21.39	1.11	22.50	<=33.01	Pass
			99	21.23	1.11	22.34	<=33.01	Pass
		12	0	21.39	1.11	22.50	<=33.01	Pass
			44	21.51	1.11	22.62	<=33.01	Pass
			88	21.49	1.11	22.60	<=33.01	Pass
		27	0	20.51	1.11	21.62	<=33.01	Pass
			73	20.51	1.11	21.62	<=33.01	Pass
			73	20.51	1.11	21.62	<=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	-4.506	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
					4.43	3.090	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.529	0.0002	-2.5 to 2.5	Pass
				30	3.85	-10.343	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	0.701	0.0003	-2.5 to 2.5	Pass
					3.85	-9.112	-0.0036	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-11.373	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0028	-2.5 to 2.5	Pass
				0	3.85	4.277	0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				30	3.85	0.687	0.0003	-2.5 to 2.5	Pass
				40	3.85	-7.954	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0023	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-8.068	-0.0031	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
					4.43	-11.930	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.234	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-8.969	-0.0035	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-2.704	-0.0011	-2.5 to 2.5	Pass
					3.85	0.615	0.0002	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.405	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.625	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-9.928	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.177	-0.0017	-2.5 to 2.5	Pass
				50	3.85	3.247	0.0013	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-4.134	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-6.480	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.136	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0033	-2.5 to 2.5	Pass

				0	3.85	-7.267	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-10.200	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.396	-0.0029	-2.5 to 2.5	Pass
				50	3.85	3.490	0.0014	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.930	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.462	0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.203	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0000	-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	-1.516	-0.0006	-2.5 to 2.5	Pass
					3.85	0.386	0.0002	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.180	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.645	0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
	2535	50	0	50	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-3.877	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.997	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.146	-0.0008	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0005	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-9.685	-0.0038	-2.5 to 2.5	Pass
	2565	50	0	40	3.85	-4.950	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-7.825	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-2.718	-0.0011	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0004	-2.5 to 2.5	Pass
16QAM	2505	27	0	20	3.27	-0.730	-0.0003	-2.5 to 2.5	Pass
					3.85	1.144	0.0005	-2.5 to 2.5	Pass
					4.43	3.605	0.0014	-2.5 to 2.5	Pass

				-30	3.85	-6.566	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0002	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.834	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0025	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-1.516	-0.0006	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0011	-2.5 to 2.5	Pass
				10	3.85	4.621	0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-7.982	-0.0031	-2.5 to 2.5	Pass
	2565	27	23	20	3.27	-0.587	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
					4.43	1.674	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.017	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				0	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				10	3.85	-10.772	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0024	-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	-2.646	-0.0011	-2.5 to 2.5	Pass
					3.85	3.762	0.0015	-2.5 to 2.5	Pass
					4.43	6.094	0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-3.390	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				50	3.85	2.832	0.0011	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	-3.748	-0.0015	-2.5 to 2.5	Pass
					3.85	1.760	0.0007	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
16QAM	2507.5	27	0	20	3.27	-4.964	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-6.237	-0.0025	-2.5 to 2.5	Pass
				0	3.85	4.935	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.119	0.0012	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.392	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	7.067	0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-6.752	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	8.039	0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0004	-2.5 to 2.5	Pass
	2562.5	27	48	20	3.27	-1.173	-0.0005	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-9.556	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-8.898	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-13.676	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-9.284	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-9.241	-0.0036	-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	-8.655	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
					4.43	0.343	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0004	-2.5 to 2.5	Pass

				30	3.85	0.672	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0010	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	7.296	0.0029	-2.5 to 2.5	Pass
					3.85	3.591	0.0014	-2.5 to 2.5	Pass
					4.43	2.789	0.0011	-2.5 to 2.5	Pass
				-30	3.85	2.632	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.918	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.502	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0026	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-8.440	-0.0033	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	3.233	0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.661	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0017	-2.5 to 2.5	Pass
16QAM	2510	27	0	20	3.27	2.403	0.0010	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.873	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-6.394	-0.0025	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-6.037	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.692	-0.0019	-2.5 to 2.5	Pass
					4.43	1.345	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	5.193	0.0020	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-10.285	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-5.836	-0.0023	-2.5 to 2.5	Pass
	2560	27	73	20	3.27	-2.389	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.950	-0.0019	-2.5 to 2.5	Pass
					4.43	-11.773	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0018	-2.5 to 2.5	Pass
				10	3.85	3.777	0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-10.858	-0.0042	-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	27	0	Refer To Test Graph		Pass

3.1.3 B7_15MHz

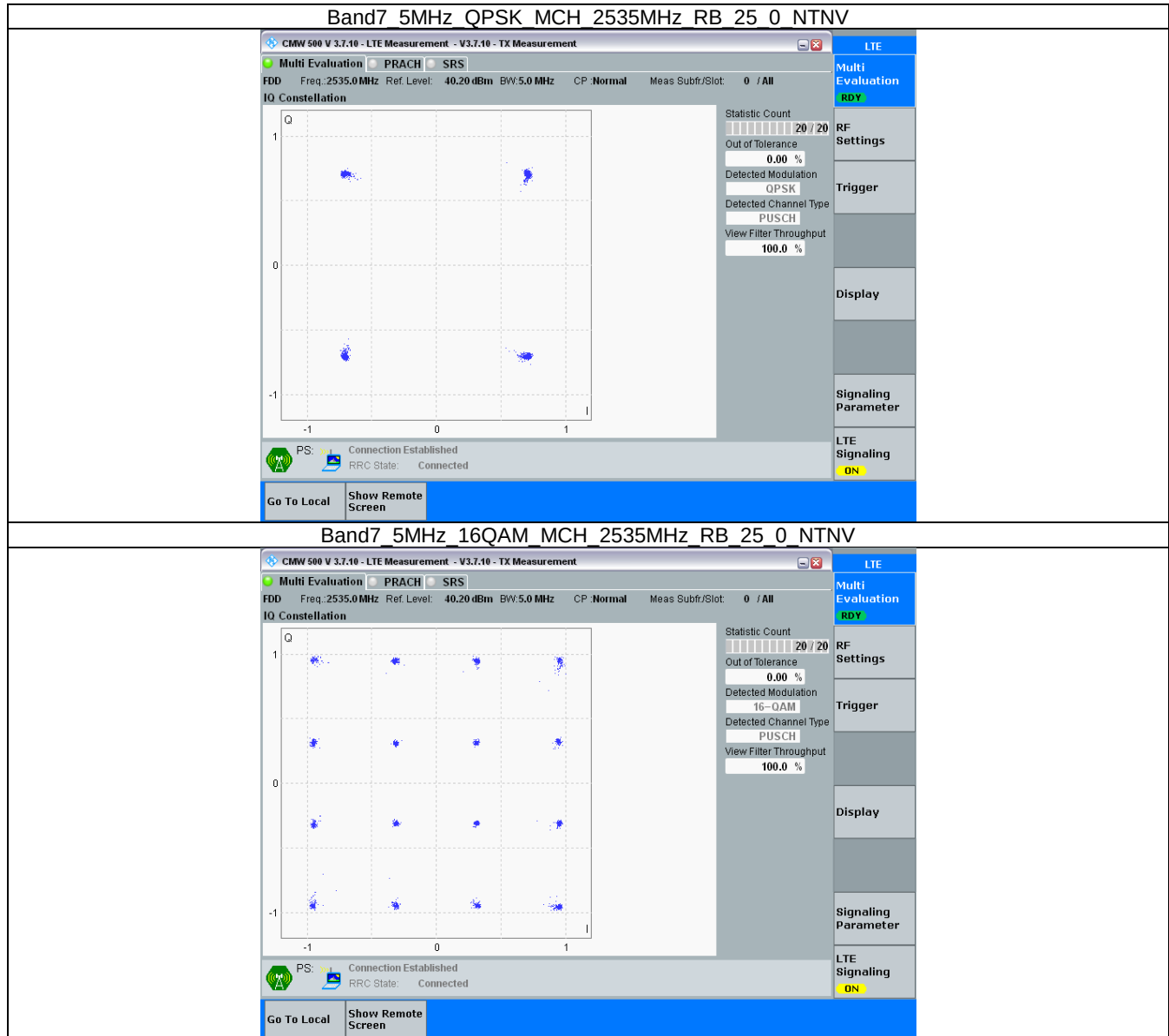
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	27	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

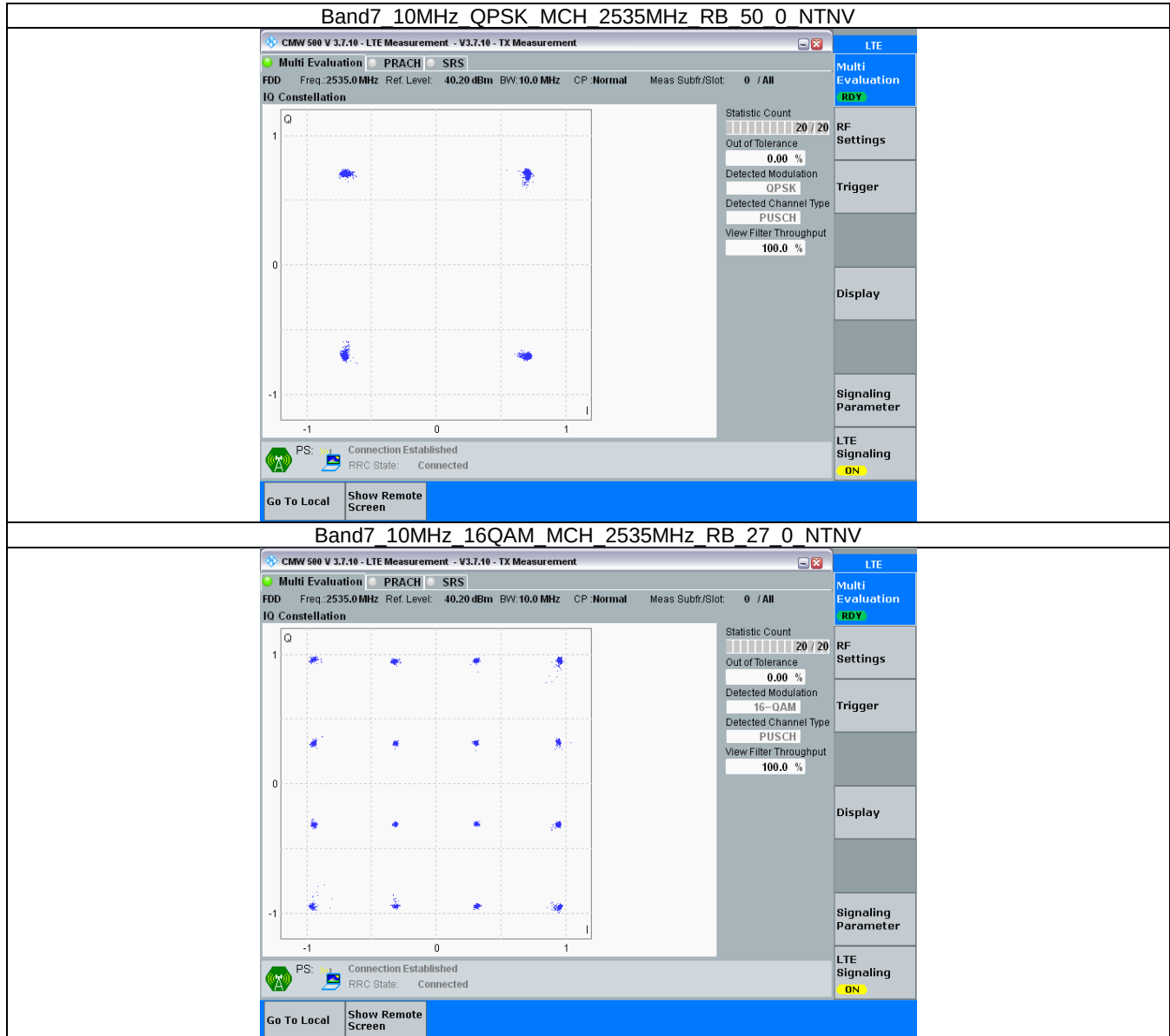
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	27	0	Refer To Test Graph		Pass

3.2 Test Graph

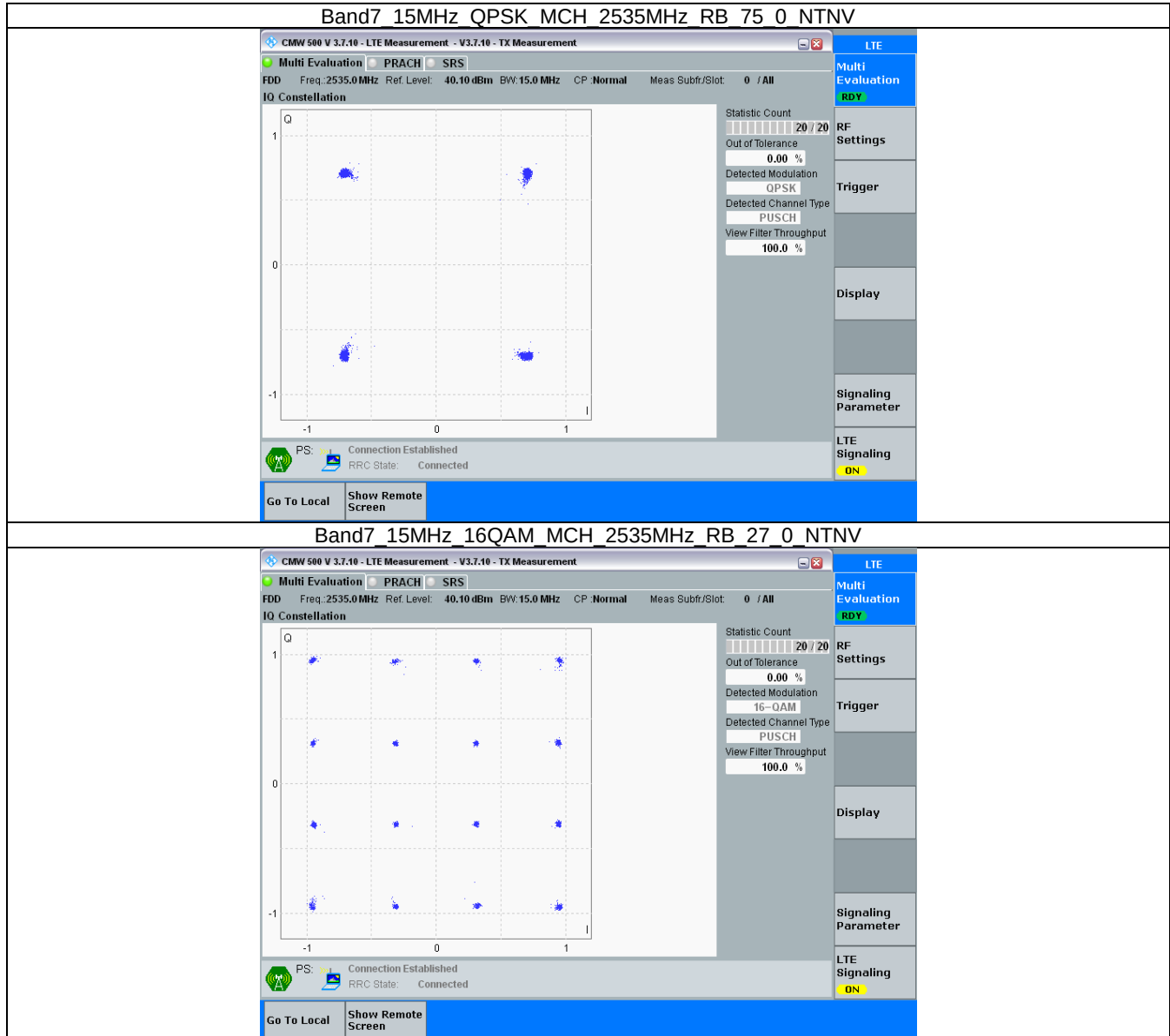
3.2.1 B7_5MHz



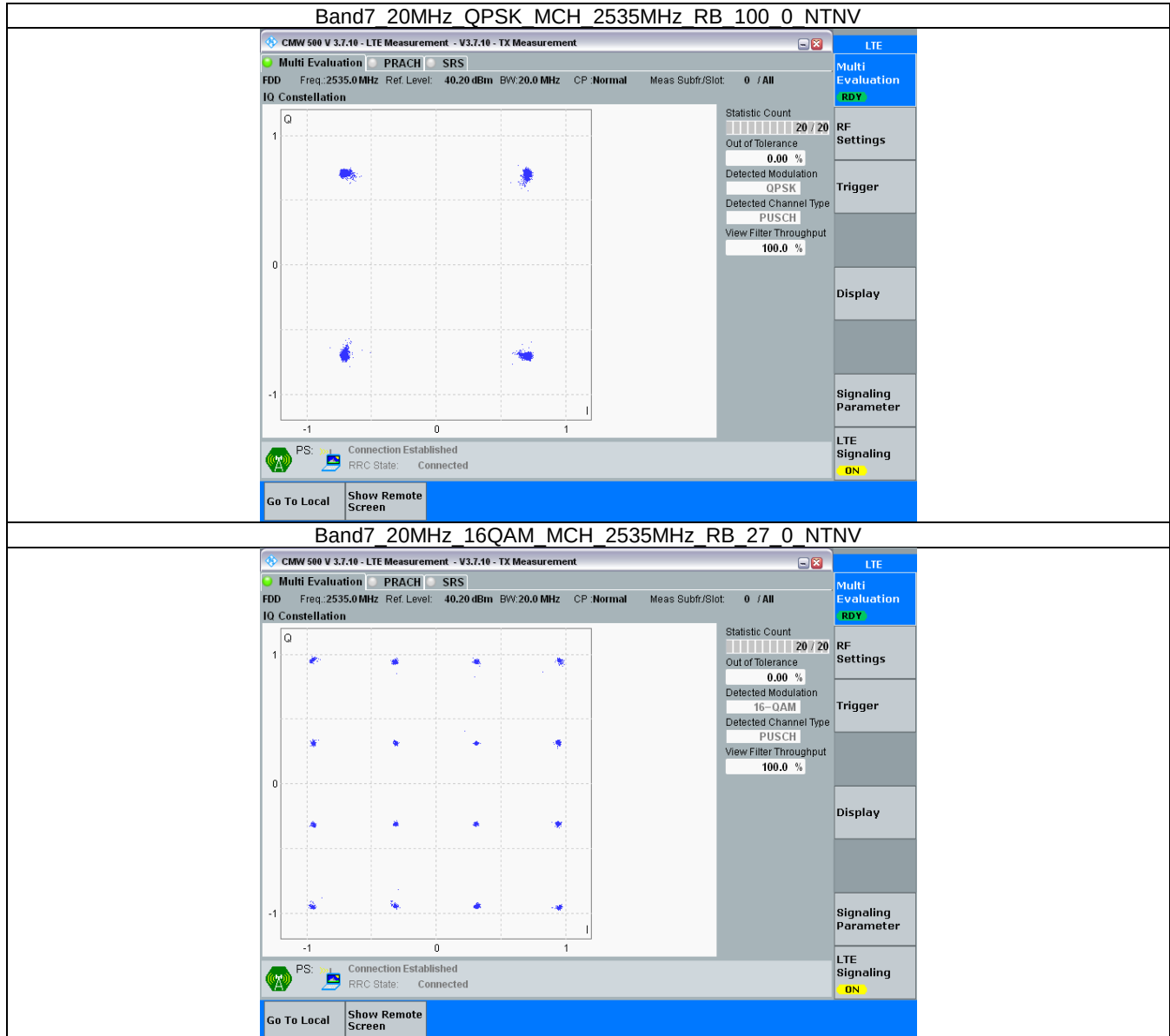
3.2.2 B7_10MHz



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	4.507	/	Pass
		2535	25	0	4.524	/	Pass
		2567.5	25	0	4.532	/	Pass
	16QAM	2502.5	25	0	4.522	/	Pass
		2535	25	0	4.526	/	Pass
		2567.5	25	0	4.509	/	Pass
10	QPSK	2505	50	0	8.966	/	Pass
		2535	50	0	8.969	/	Pass
		2565	50	0	8.973	/	Pass
	16QAM	2505	27	0	4.908	/	Pass
		2535	27	0	4.910	/	Pass
		2565	27	23	4.919	/	Pass
15	QPSK	2507.5	75	0	13.441	/	Pass
		2535	75	0	13.458	/	Pass
		2562.5	75	0	13.506	/	Pass
	16QAM	2507.5	27	0	4.900	/	Pass
		2535	27	0	4.915	/	Pass
		2562.5	27	48	4.911	/	Pass
20	QPSK	2510	100	0	17.889	/	Pass
		2535	100	0	17.916	/	Pass
		2560	100	0	17.895	/	Pass
	16QAM	2510	27	0	4.940	/	Pass
		2535	27	0	4.900	/	Pass
		2560	27	73	4.918	/	Pass

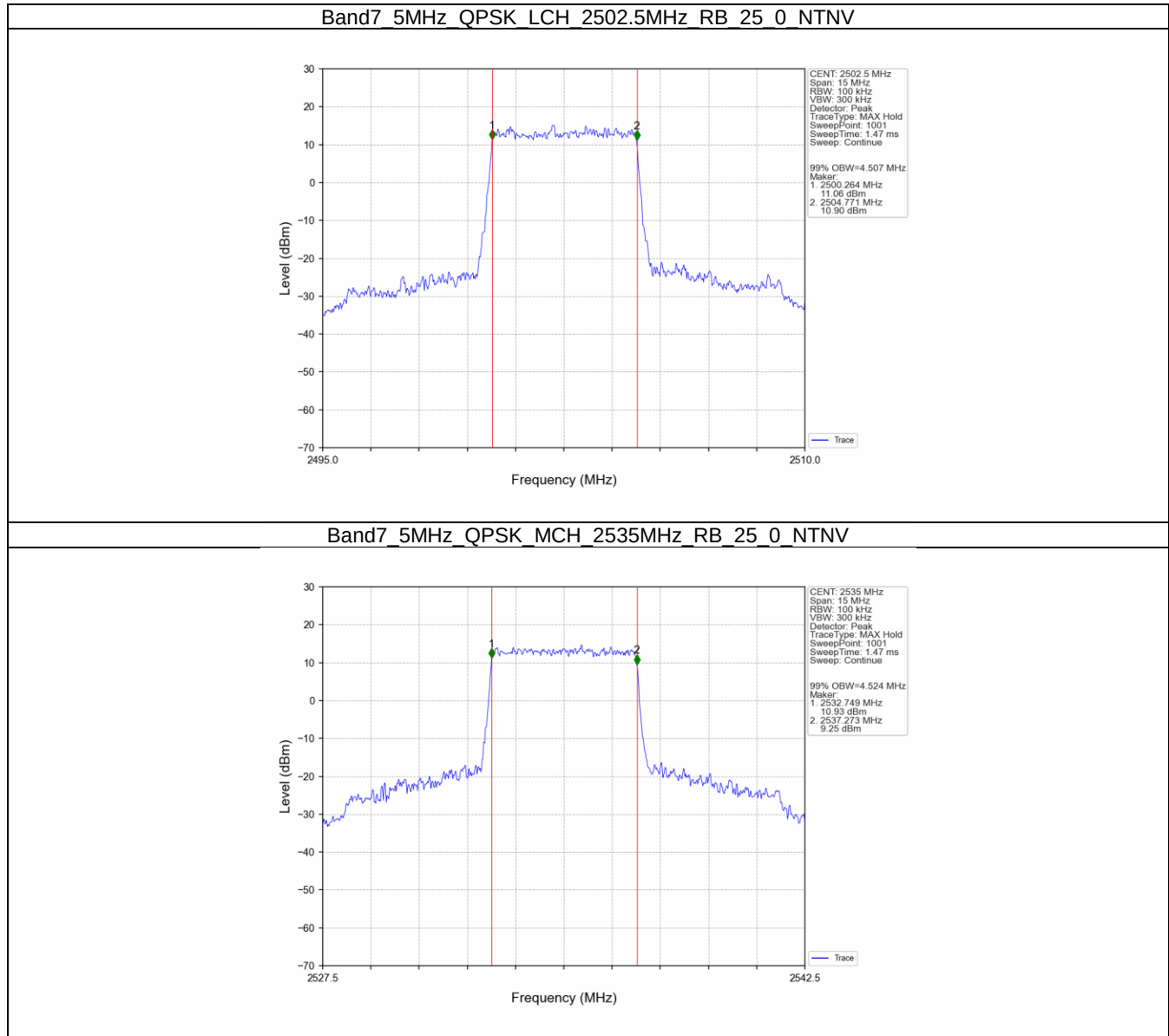
4.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.910	/	Pass
		2535	25	0	4.978	/	Pass
		2567.5	25	0	4.984	/	Pass
	16QAM	2502.5	25	0	5.012	/	Pass
		2535	25	0	4.988	/	Pass
		2567.5	25	0	4.956	/	Pass
10	QPSK	2505	50	0	9.651	/	Pass
		2535	50	0	9.520	/	Pass
		2565	50	0	9.652	/	Pass
	16QAM	2505	27	0	5.697	/	Pass
		2535	27	0	5.686	/	Pass
		2565	27	23	5.694	/	Pass
15	QPSK	2507.5	75	0	14.580	/	Pass
		2535	75	0	14.516	/	Pass
		2562.5	75	0	14.659	/	Pass

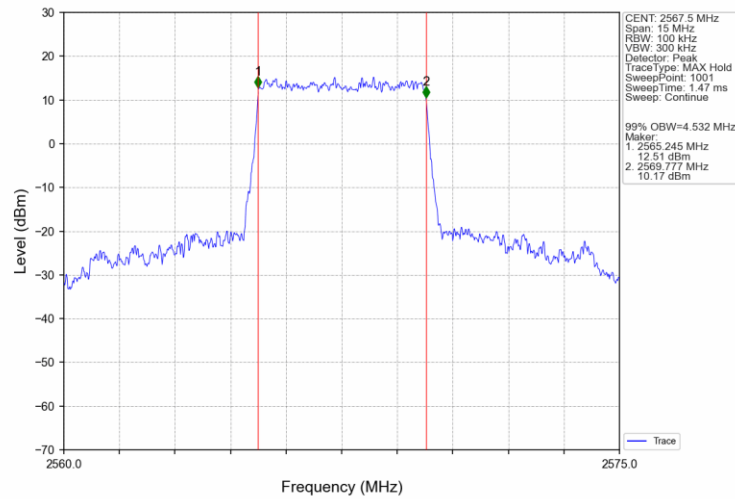
	16QAM	2507.5	27	0	5.937	/	Pass
		2535	27	0	5.727	/	Pass
		2562.5	27	48	5.883	/	Pass
20	QPSK	2510	100	0	19.146	/	Pass
		2535	100	0	19.088	/	Pass
		2560	100	0	18.983	/	Pass
	16QAM	2510	27	0	5.992	/	Pass
		2535	27	0	5.835	/	Pass
		2560	27	73	5.874	/	Pass

4.2 Test Graph

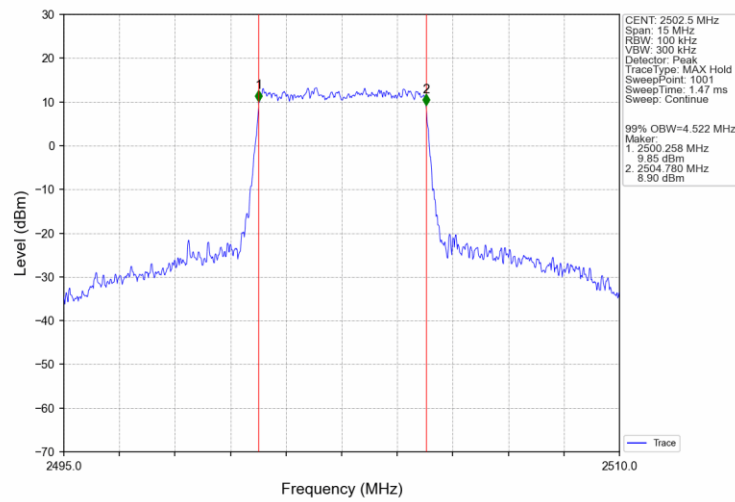
4.2.1 Band7_OBW



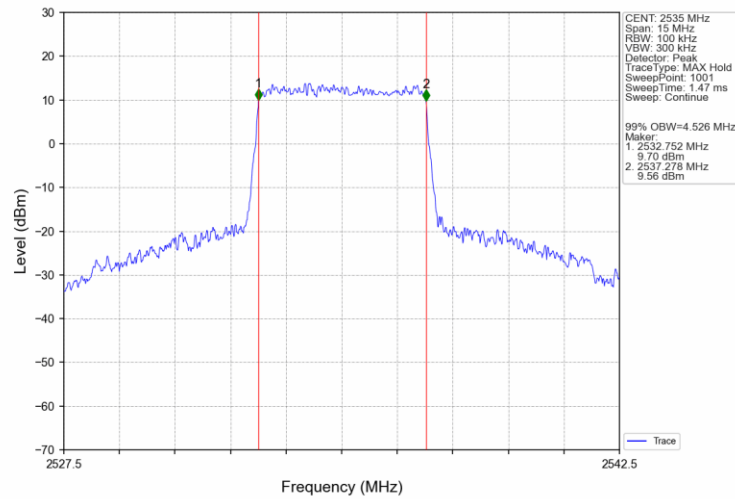
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



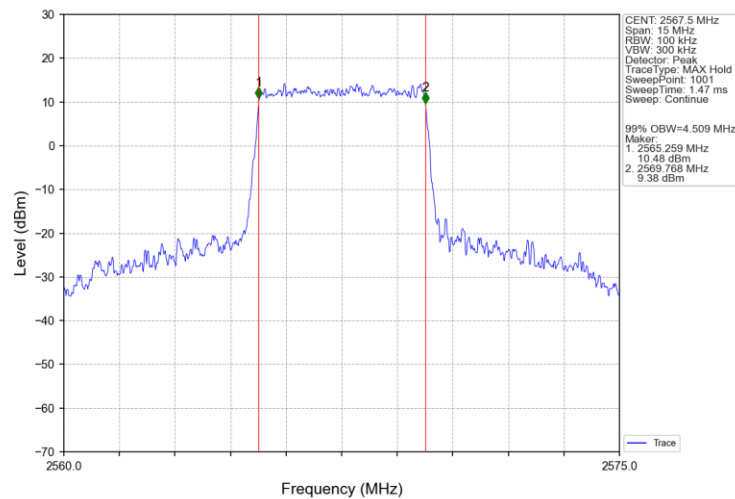
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



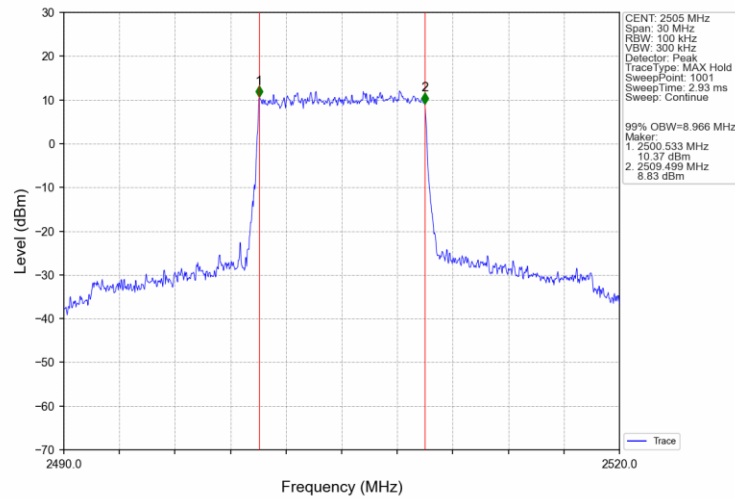
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



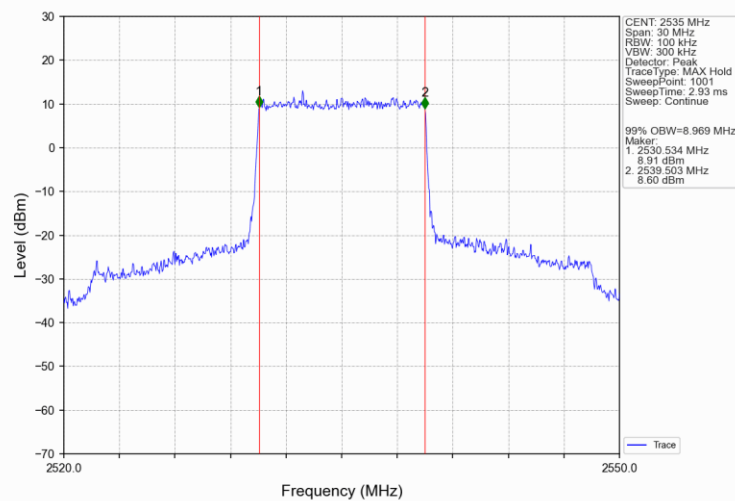
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



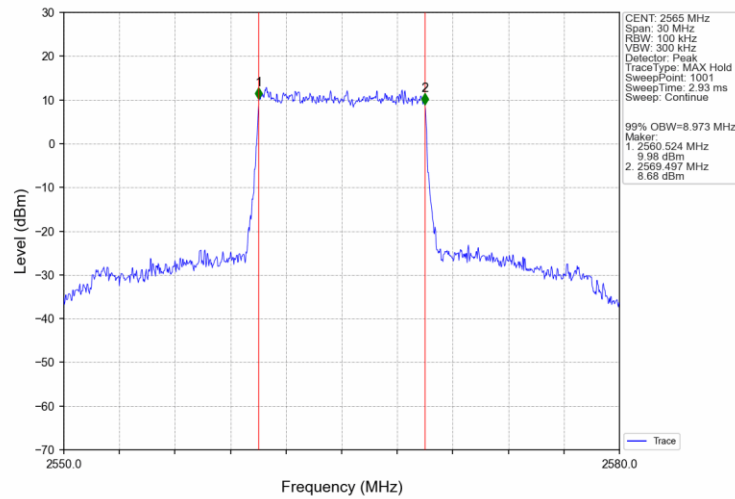
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



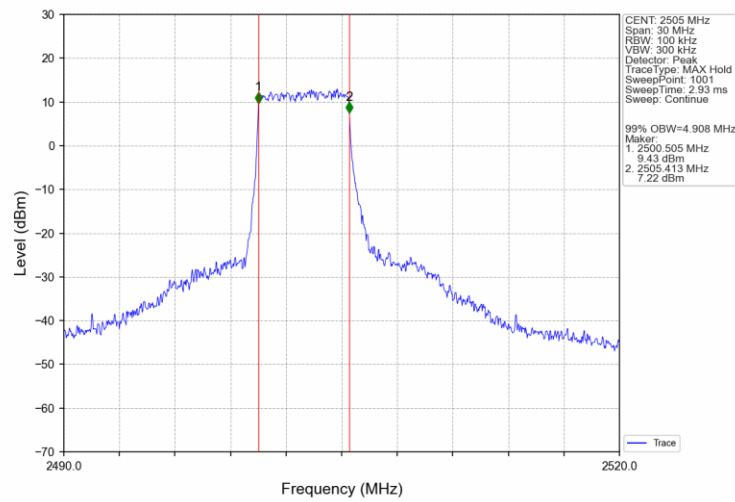
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



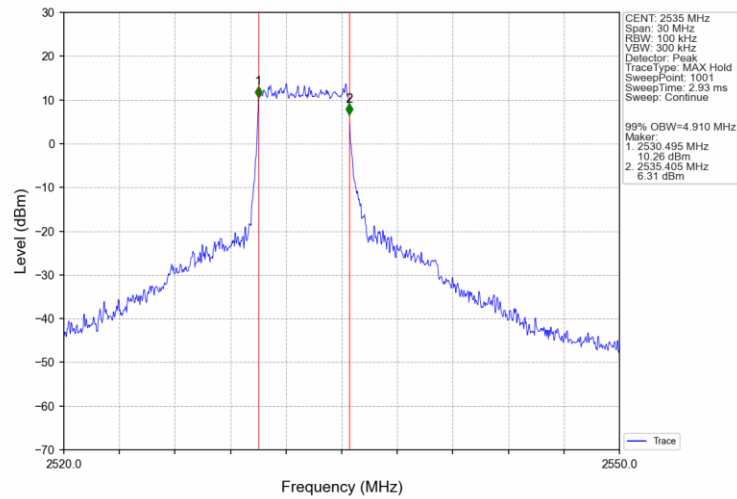
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



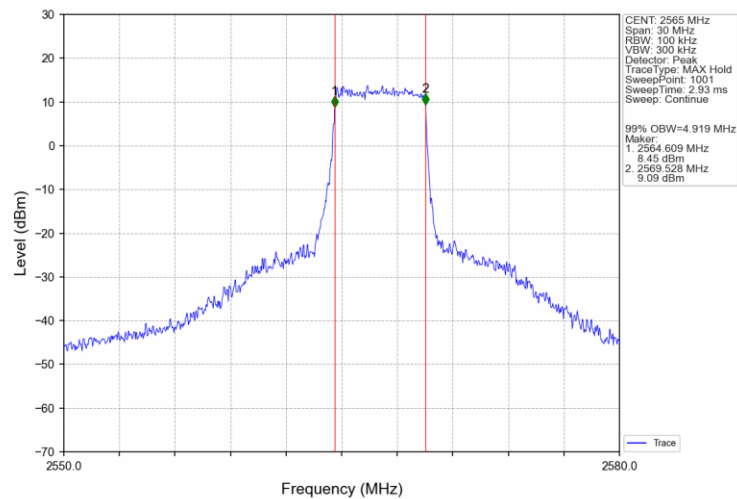
Band7 10MHz 16QAM LCH 2505MHz RB 27 0 NTNV



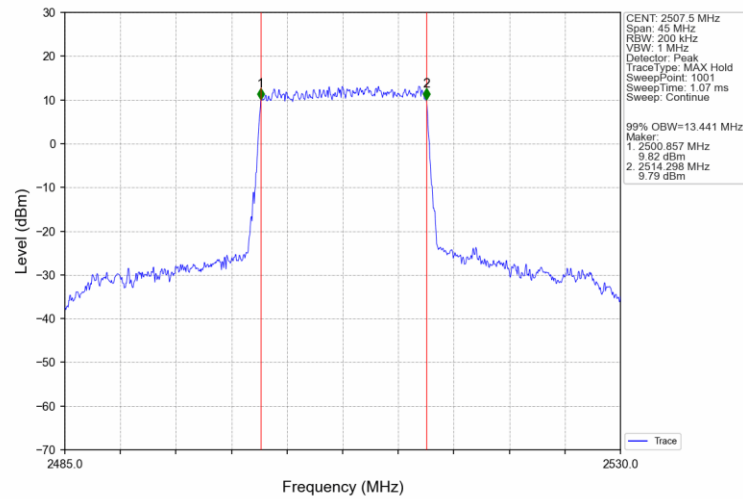
Band7 10MHz 16QAM MCH 2535MHz RB 27 0 NTNV



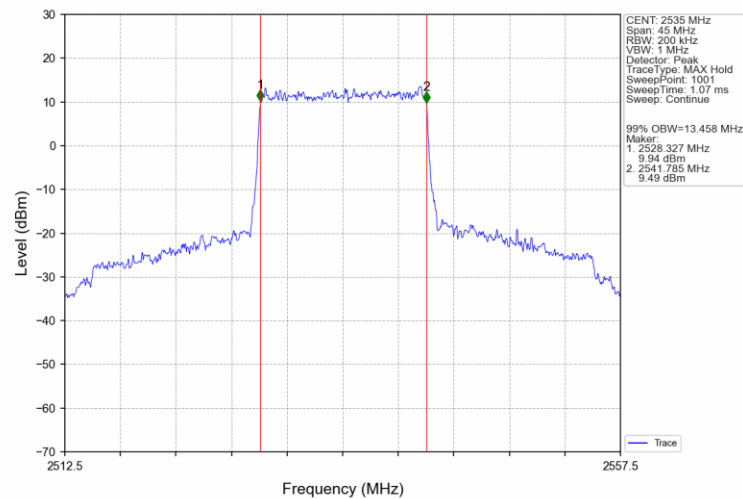
Band7 10MHz 16QAM HCH 2565MHz RB 27 23 NTNV



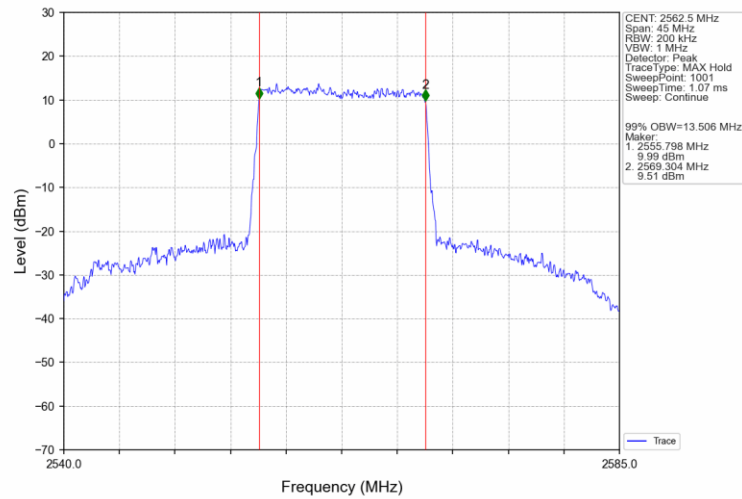
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



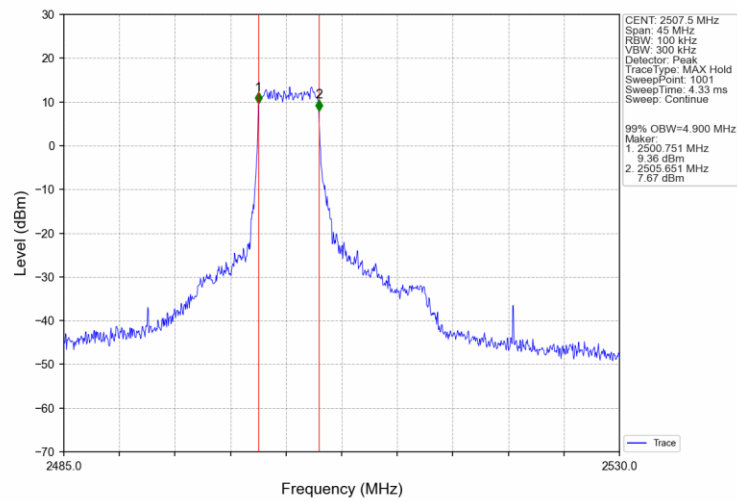
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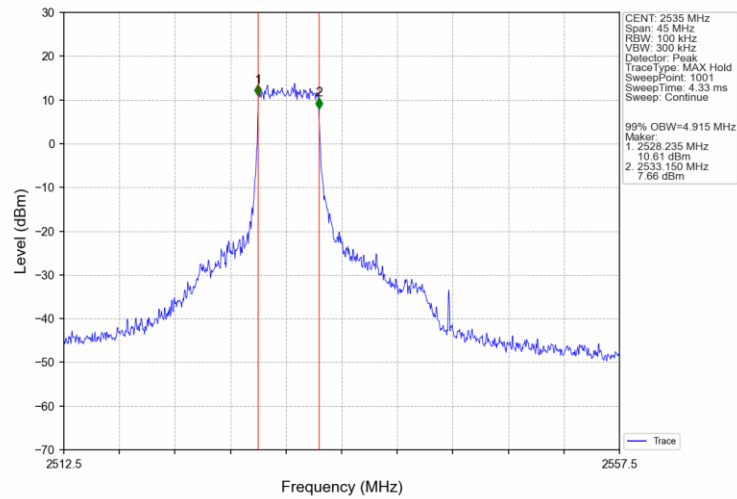
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



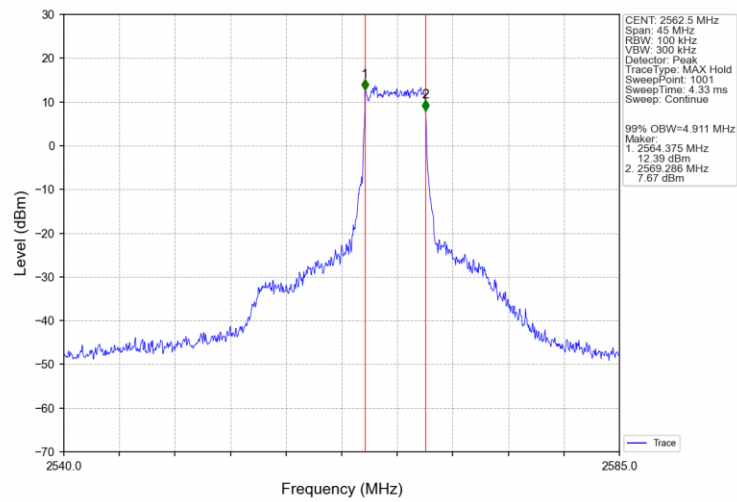
Band7 15MHz 16QAM LCH 2507.5MHz RB 27 0 NTNV



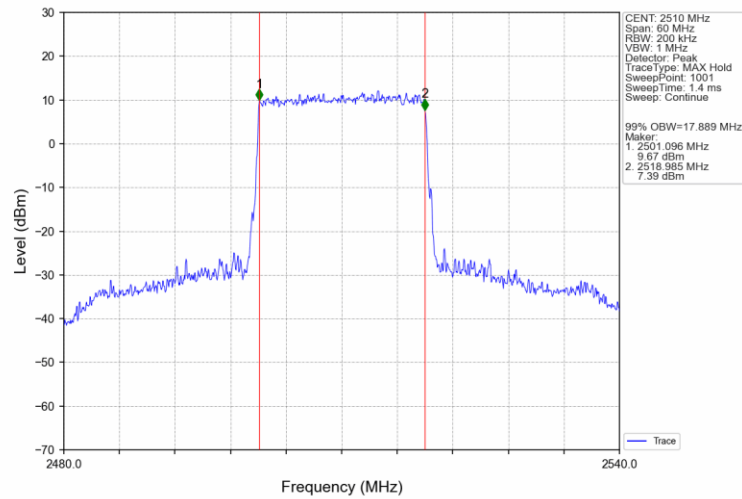
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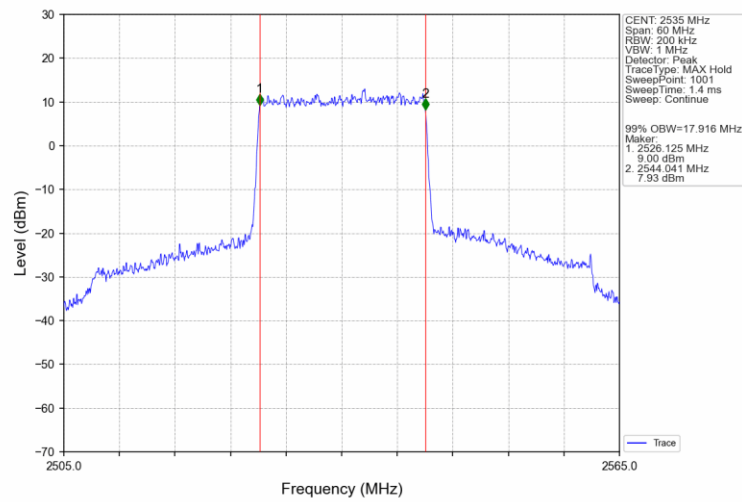
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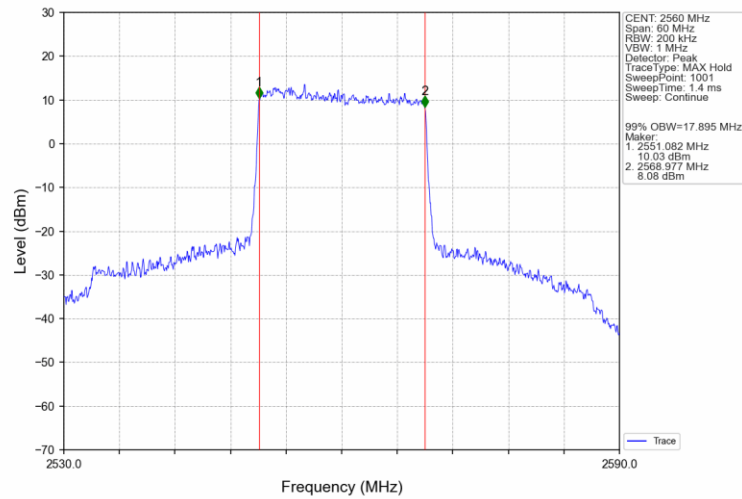
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



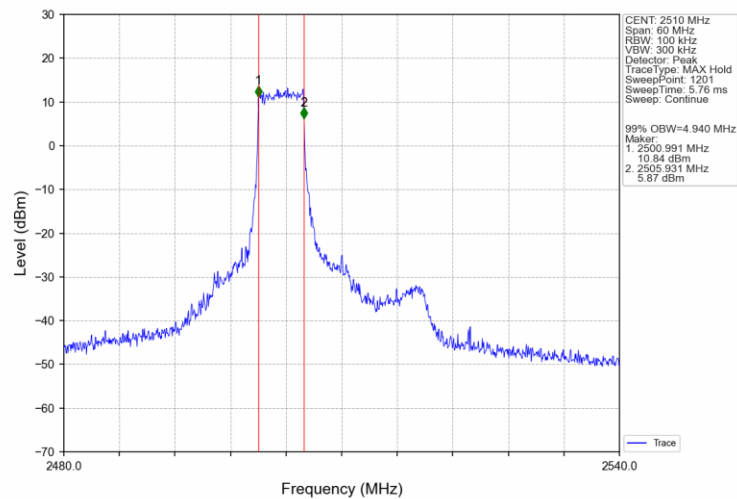
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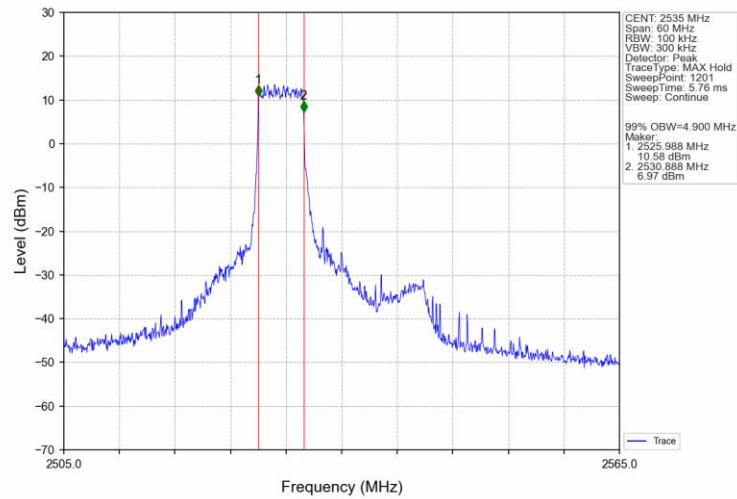
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



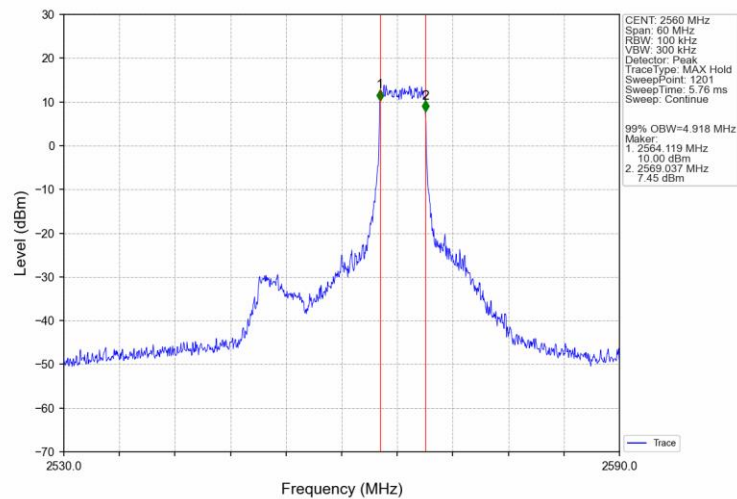
Band7 20MHz 16QAM LCH 2510MHz RB 27 0 NTV



Band7 20MHz 16QAM MCH 2535MHz RB 27 0 NTNV

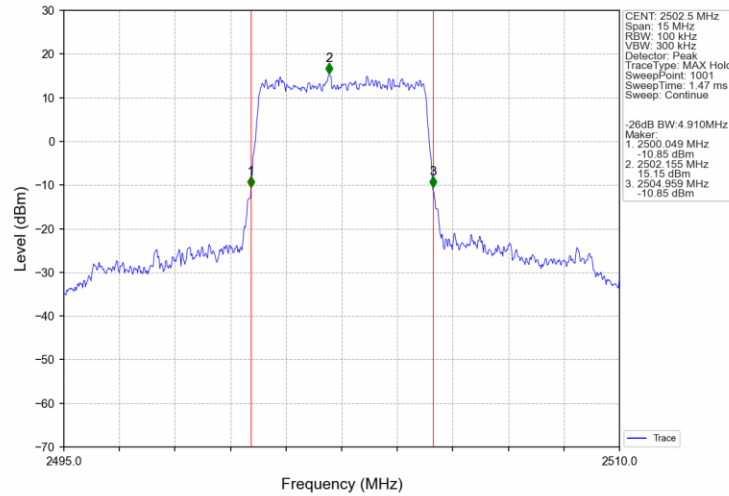


Band7 20MHz 16QAM HCH 2560MHz RB 27 73 NTNV

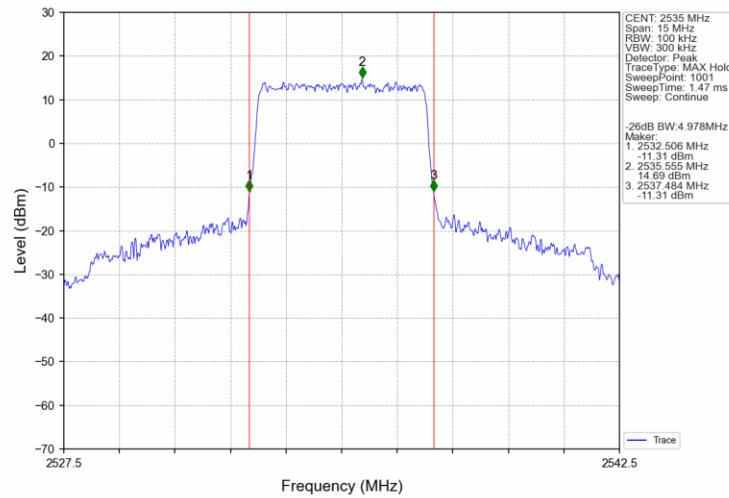


4.2.2 Band7_XDB

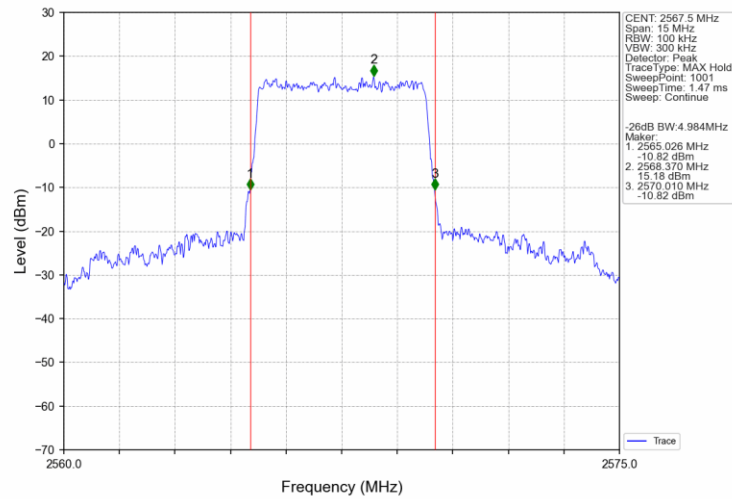
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



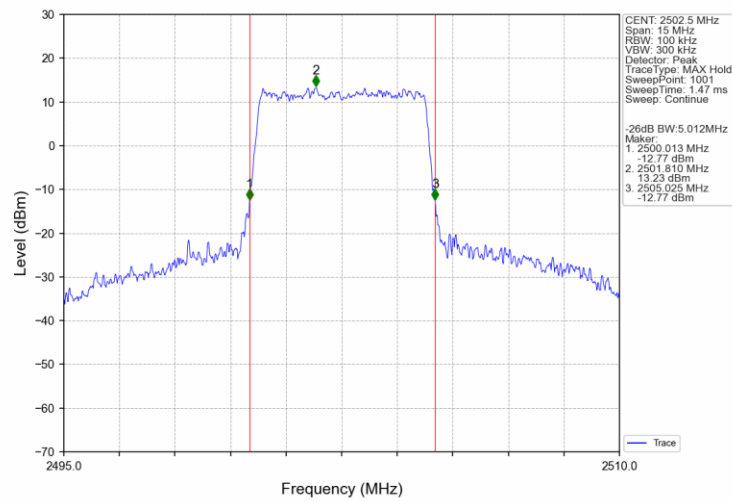
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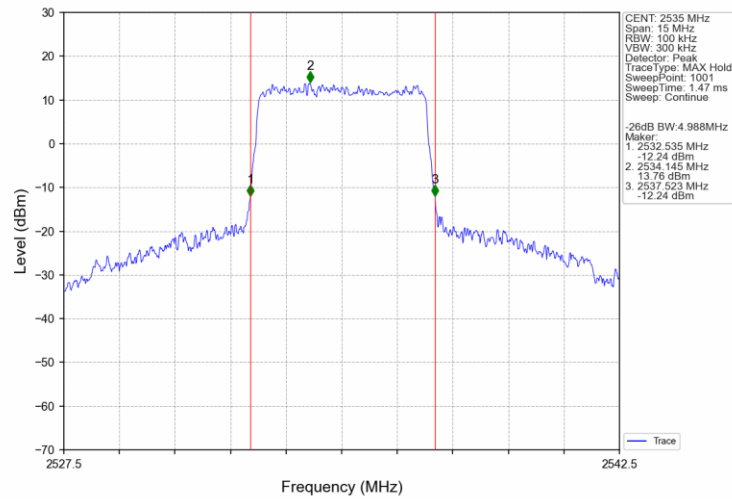
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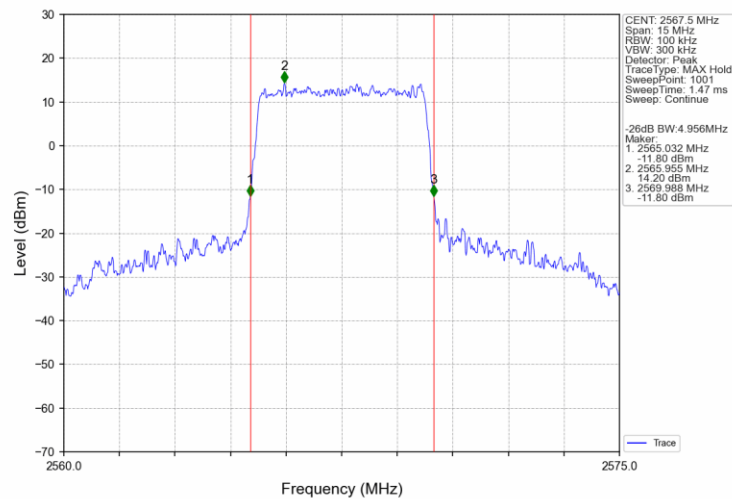
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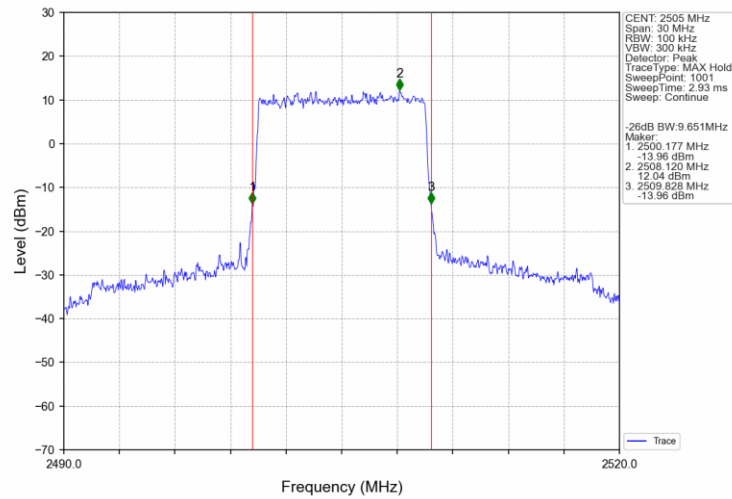
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



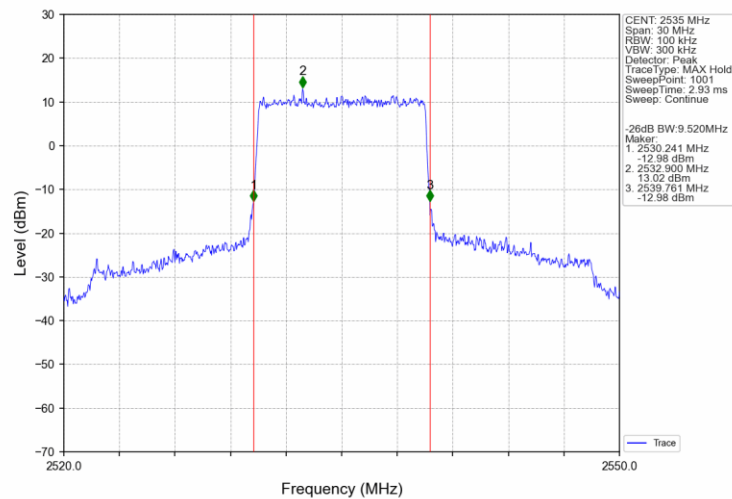
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



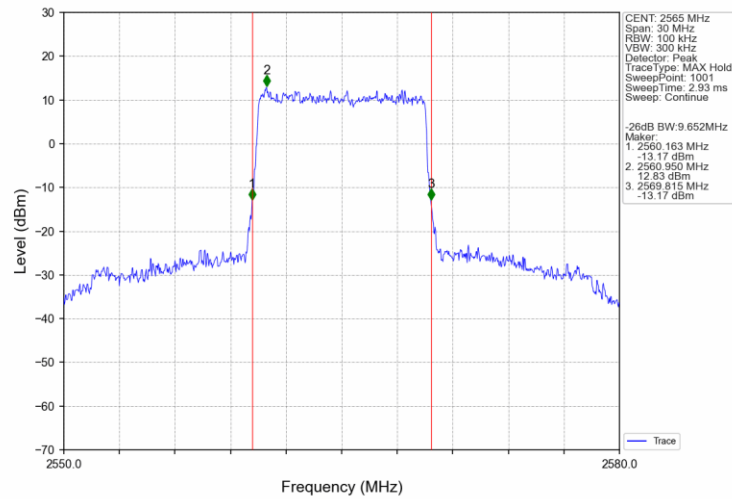
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



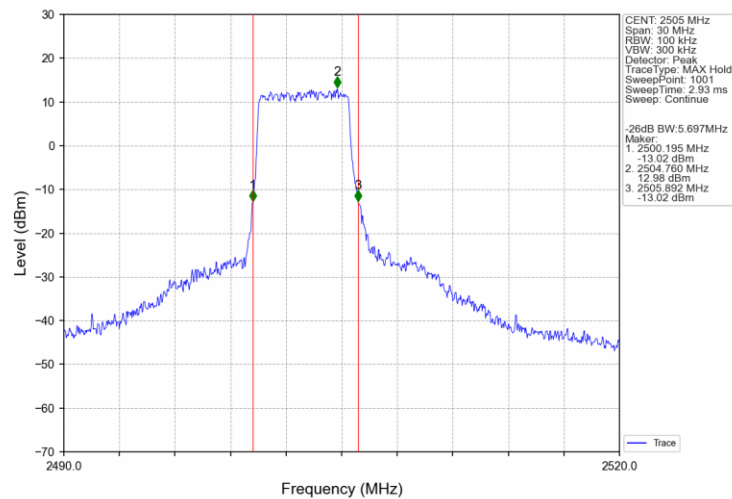
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



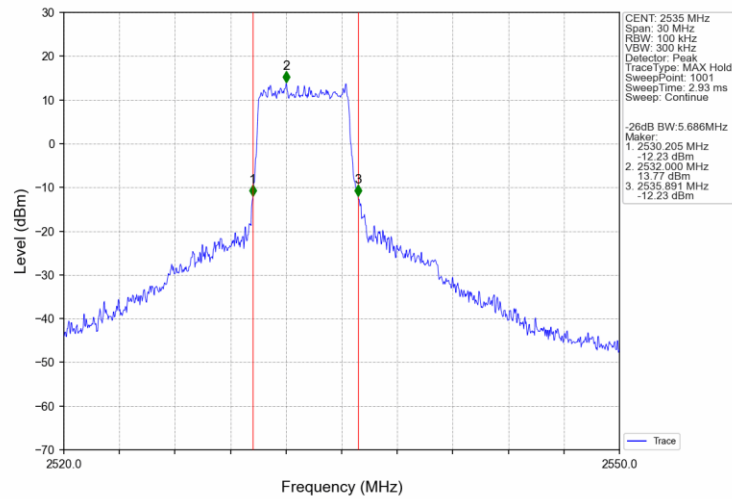
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



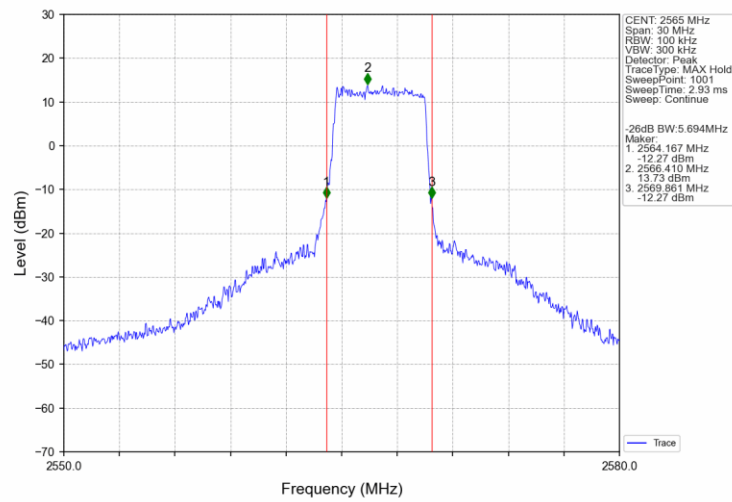
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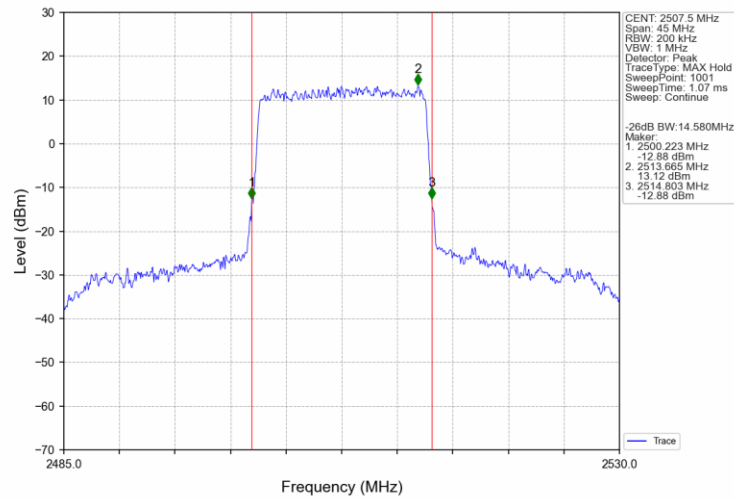
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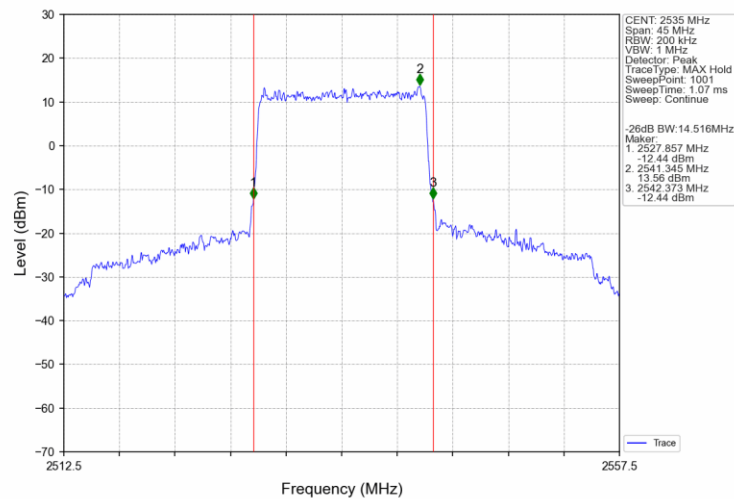
Band7 10MHz 16QAM HCH 2565MHz RB 27 23 NTNV



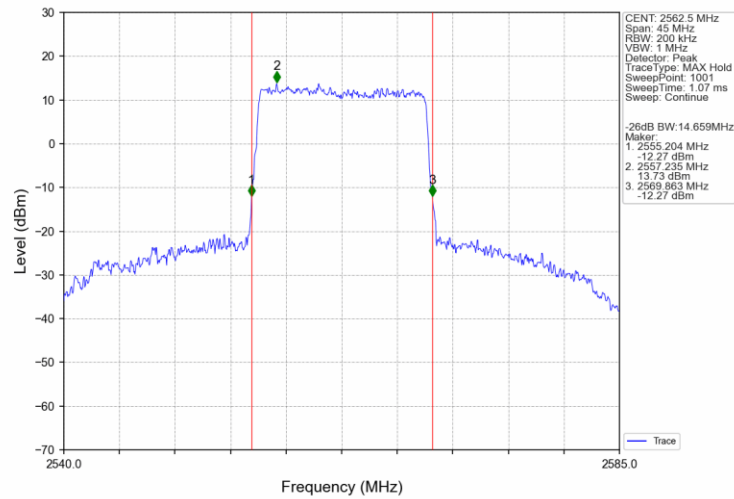
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



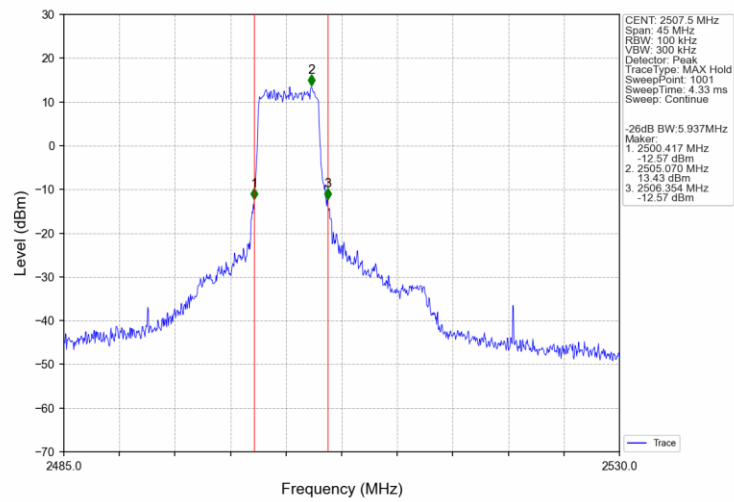
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



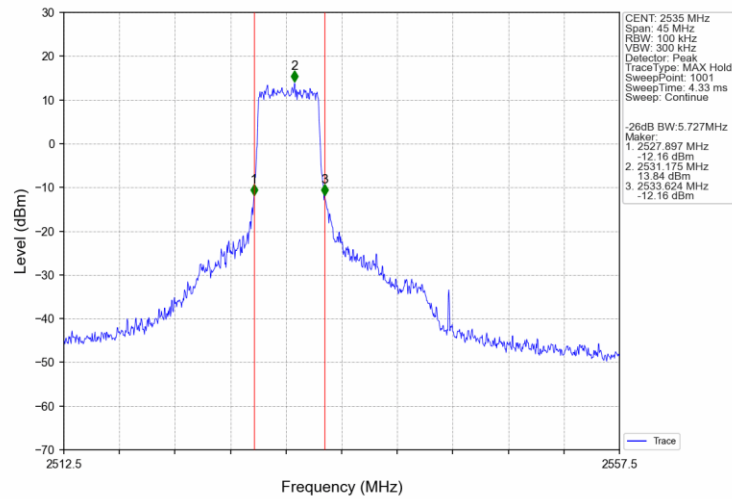
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



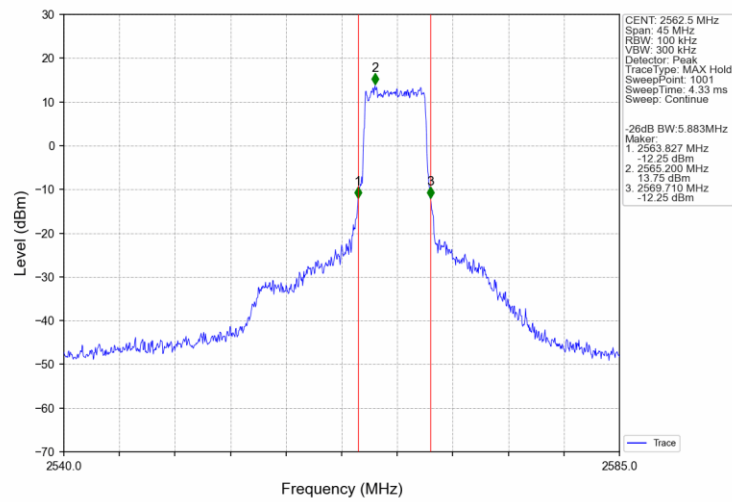
Band7 15MHz 16QAM LCH 2507.5MHz RB 27 0 NTNV



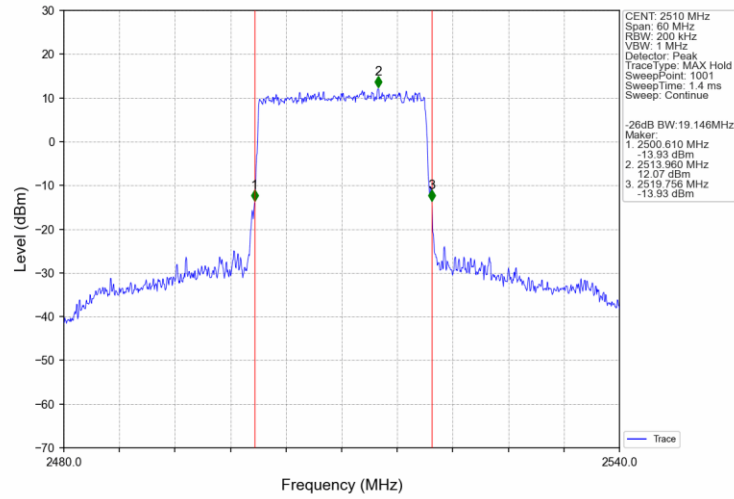
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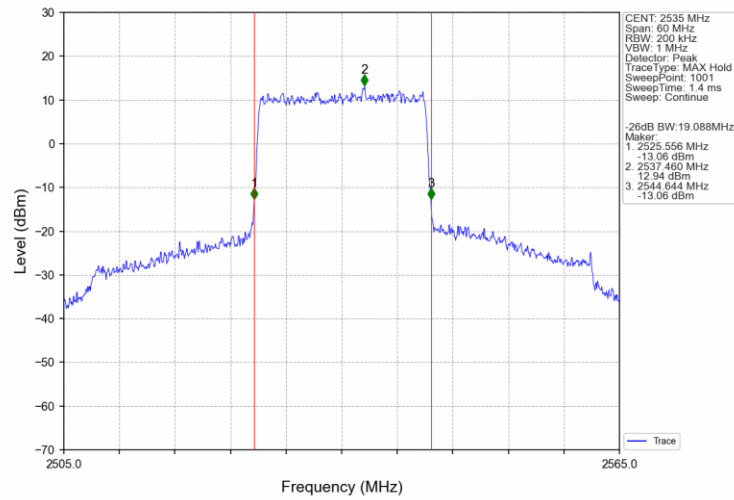
Band7 15MHz 16QAM HCH 2562.5MHz RB 27 48 NTNV



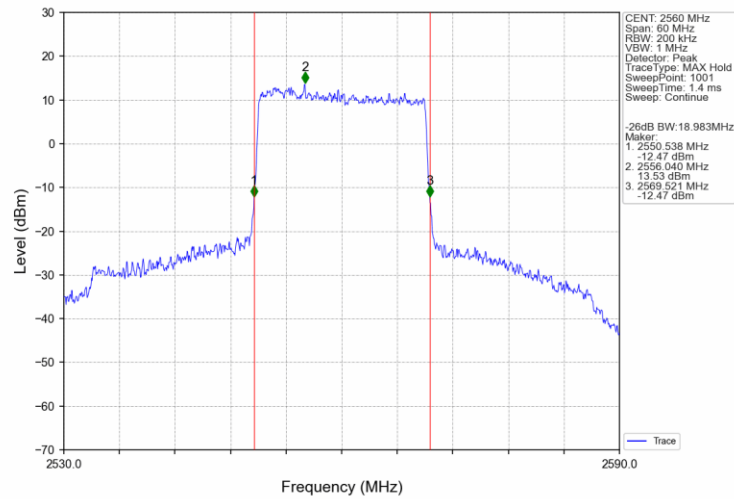
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



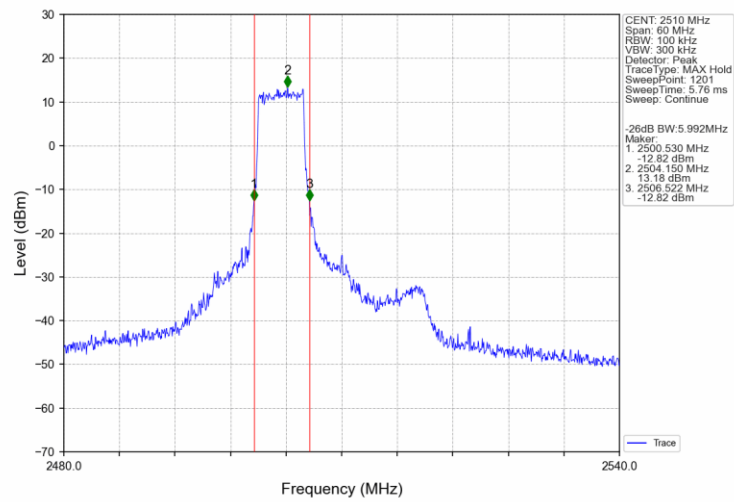
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



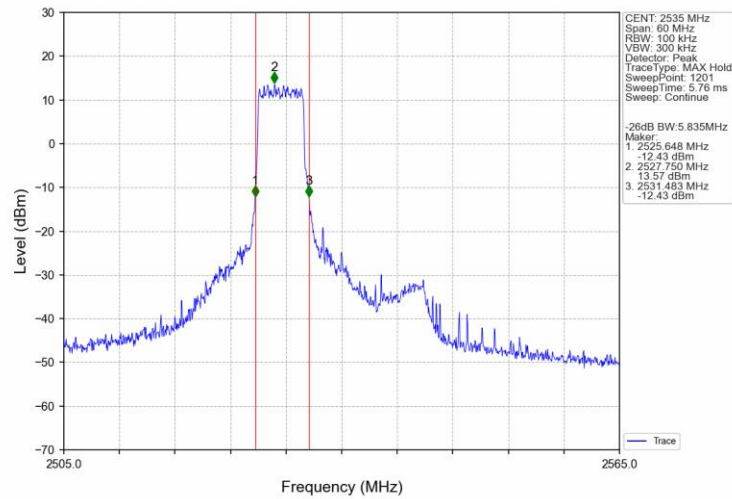
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



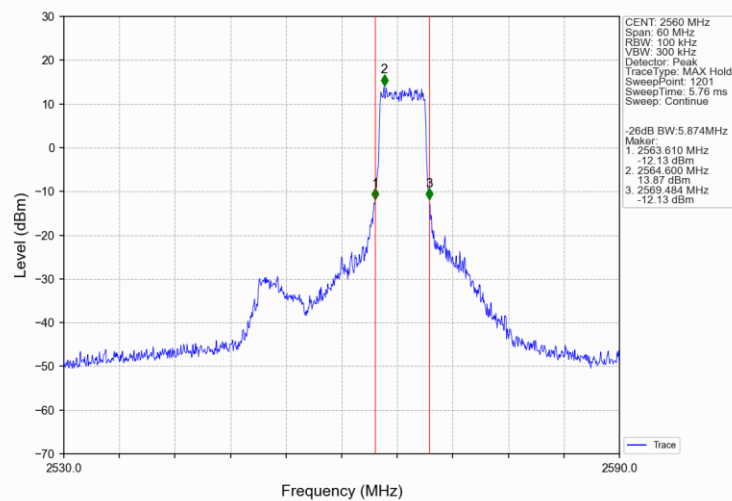
Band7 20MHz 16QAM LCH 2510MHz RB 27 0 NTV



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	5.19	<=13	Pass
	2567.5	25	0	5.21	<=13	Pass
16QAM	2502.5	25	0	6.12	<=13	Pass
	2535	25	0	5.96	<=13	Pass
	2567.5	25	0	5.94	<=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	5.32	<=13	Pass
	2535	50	0	5.14	<=13	Pass
	2565	50	0	5.16	<=13	Pass
16QAM	2505	27	0	6.00	<=13	Pass
	2535	27	0	5.81	<=13	Pass
	2565	27	23	5.80	<=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	5.38	<=13	Pass
	2535	75	0	5.10	<=13	Pass
	2562.5	75	0	5.11	<=13	Pass
16QAM	2507.5	27	0	5.89	<=13	Pass
	2535	27	0	5.67	<=13	Pass
	2562.5	27	48	5.65	<=13	Pass

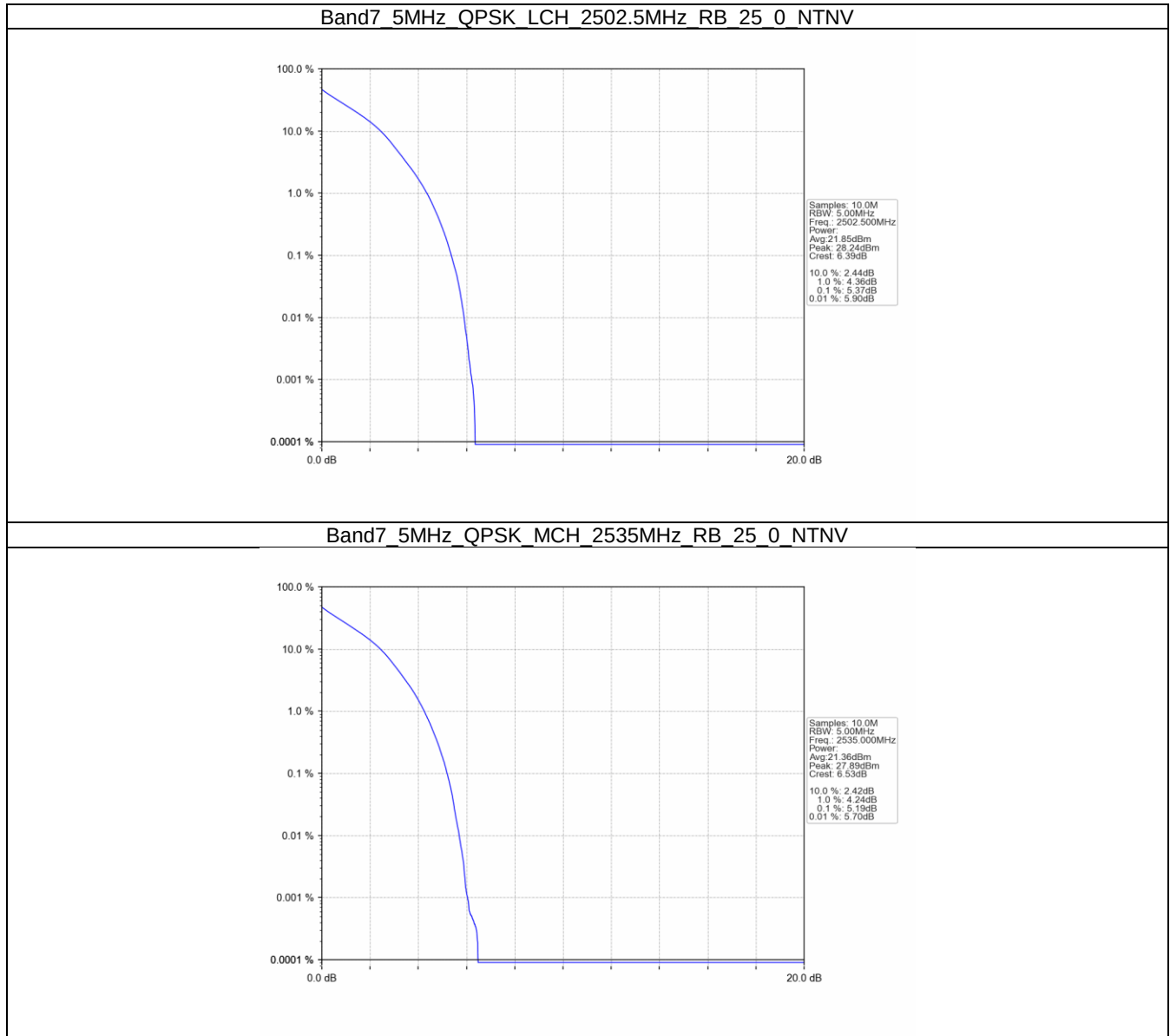
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.25	<=13	Pass
	2535	100	0	5.04	<=13	Pass
	2560	100	0	5.03	<=13	Pass
16QAM	2510	27	0	5.97	<=13	Pass
	2535	27	0	5.69	<=13	Pass
	2560	27	73	5.80	<=13	Pass

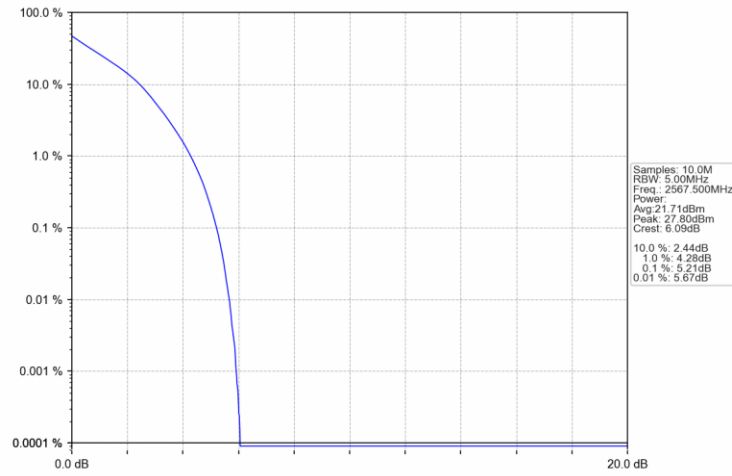


5.2 Test Graph

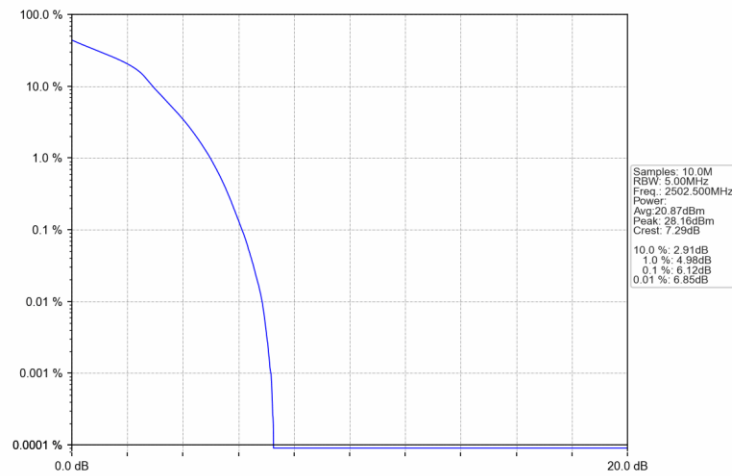
5.2.1 B7_5MHz



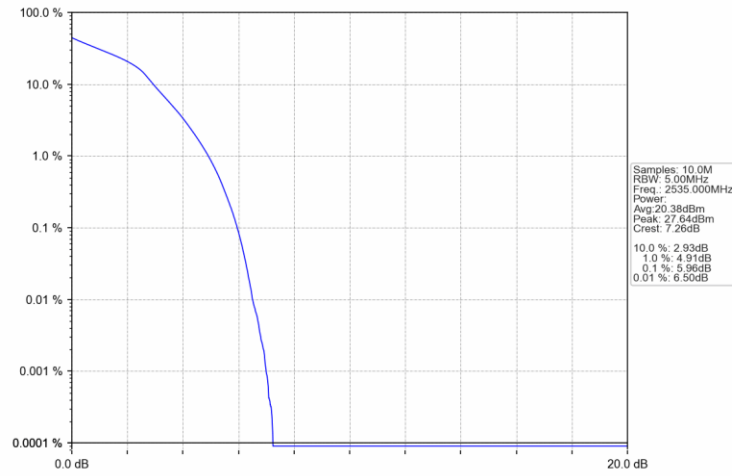
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



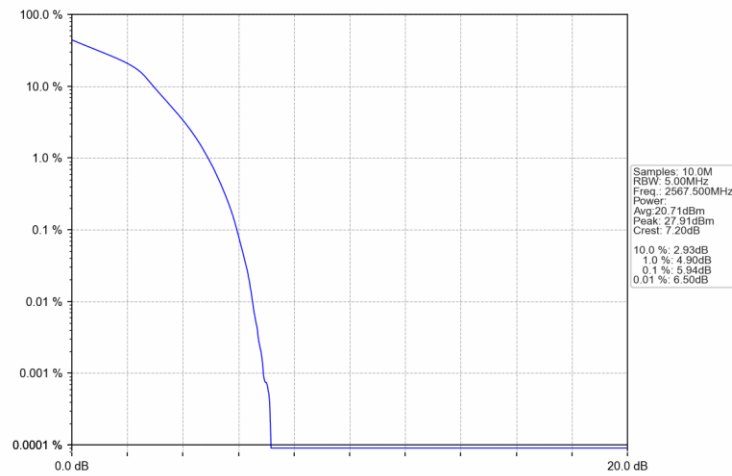
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



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

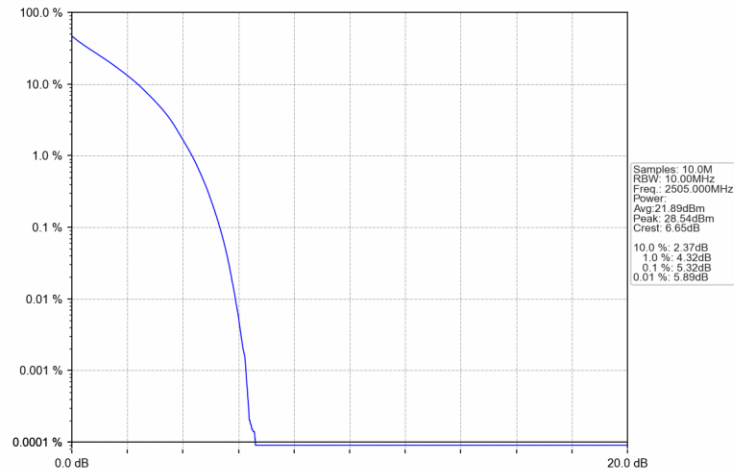


Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

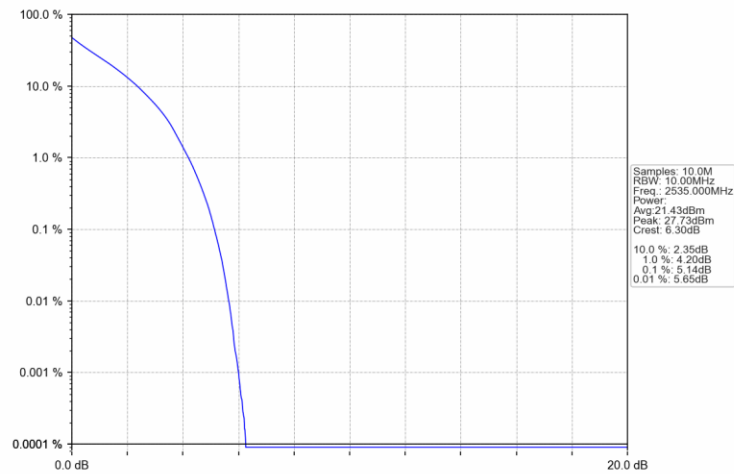


5.2.2 B7_10MHz

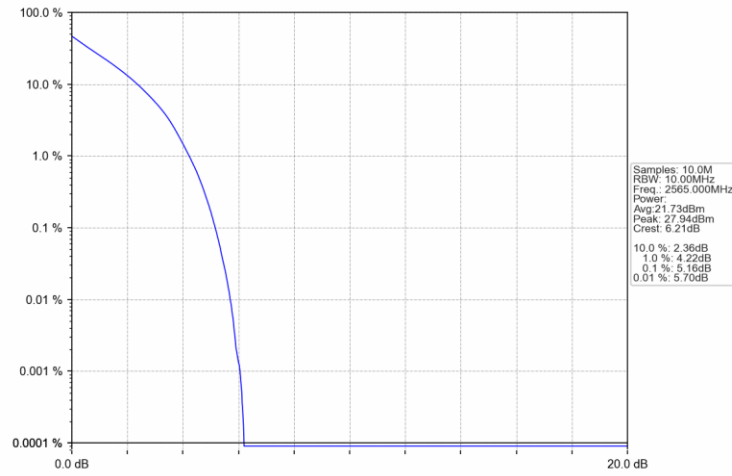
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



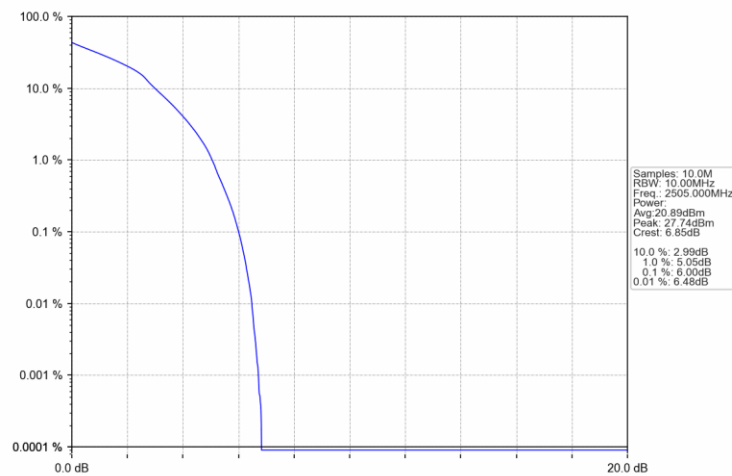
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



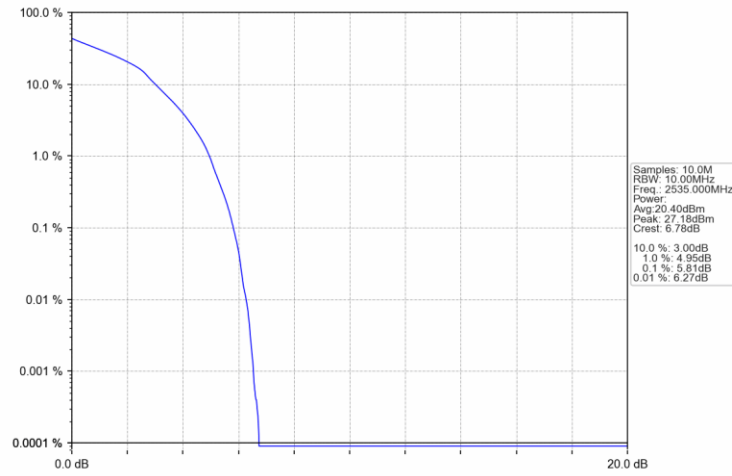
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV



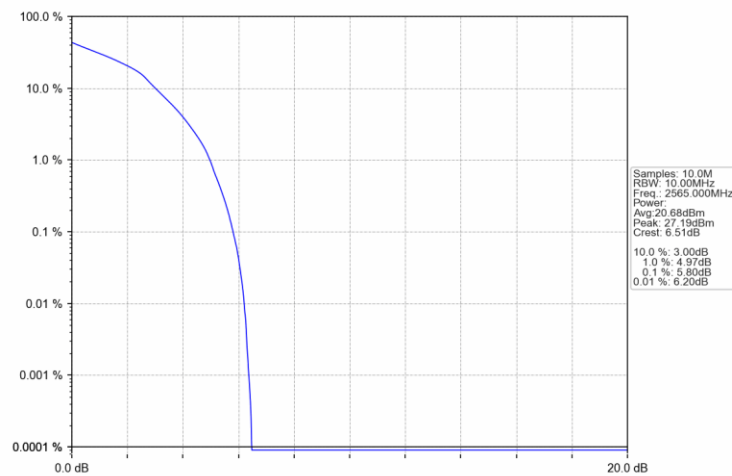
Band7 10MHz 16QAM LCH 2505MHz RB 27 0 NTV



Band7 10MHz 16QAM MCH 2535MHz RB 27 0 NTNV

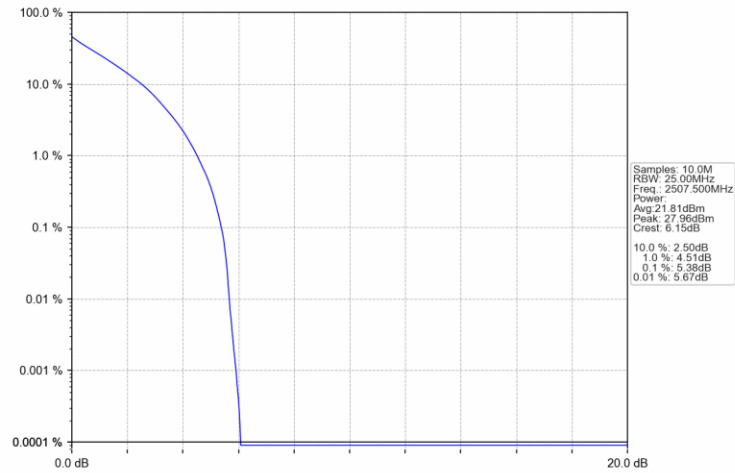


Band7 10MHz 16QAM HCH 2565MHz RB 27 23 NTNV

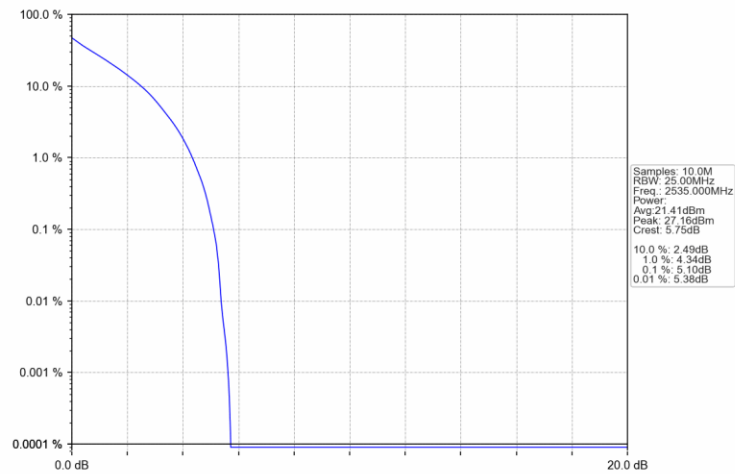


5.2.3 B7_15MHz

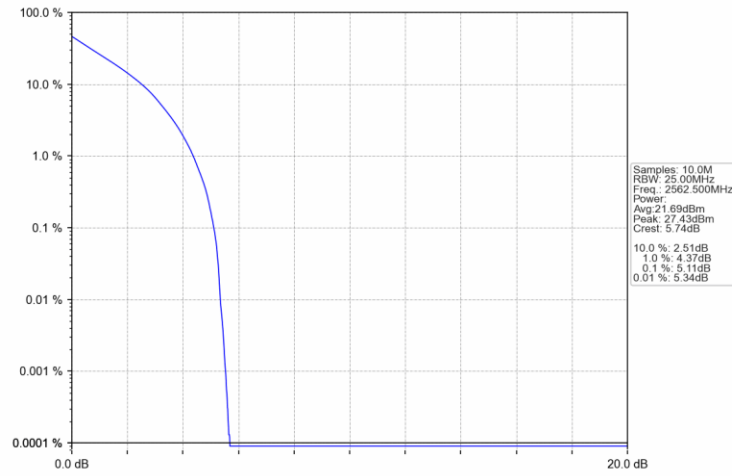
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



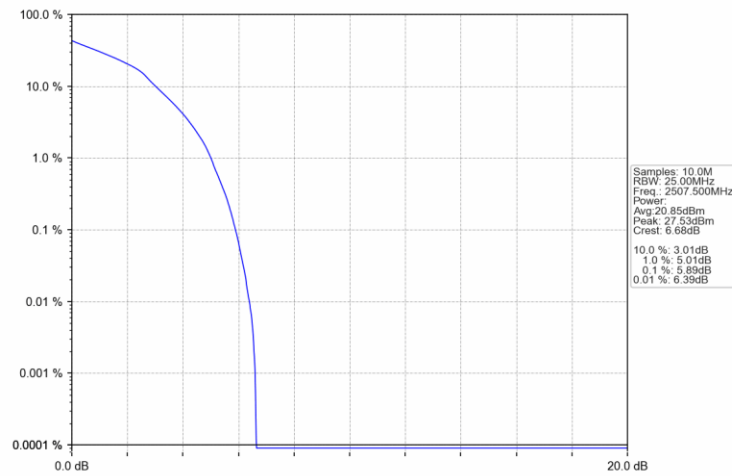
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



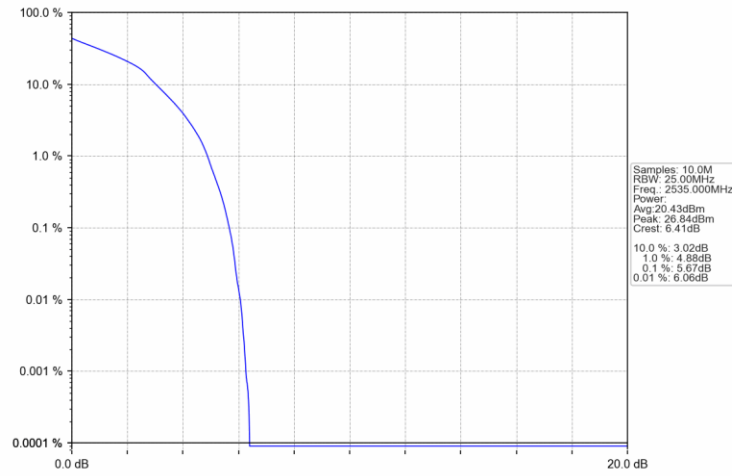
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



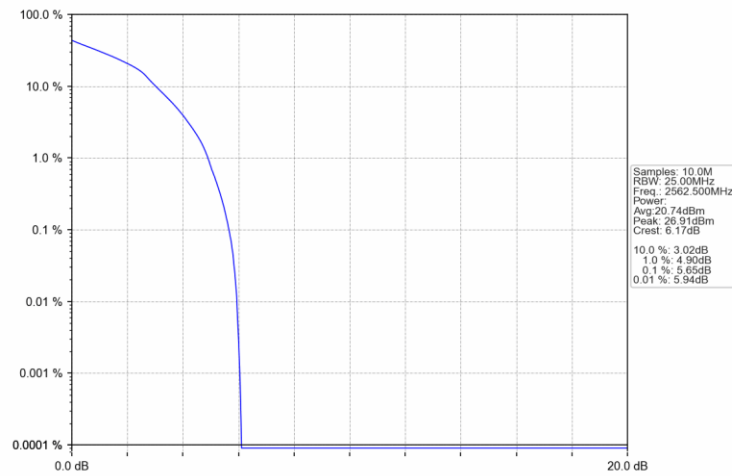
Band7 15MHz 16QAM LCH 2507.5MHz RB 27 0 NTNV



Band7 15MHz 16QAM MCH 2535MHz RB 27 0 NTNV

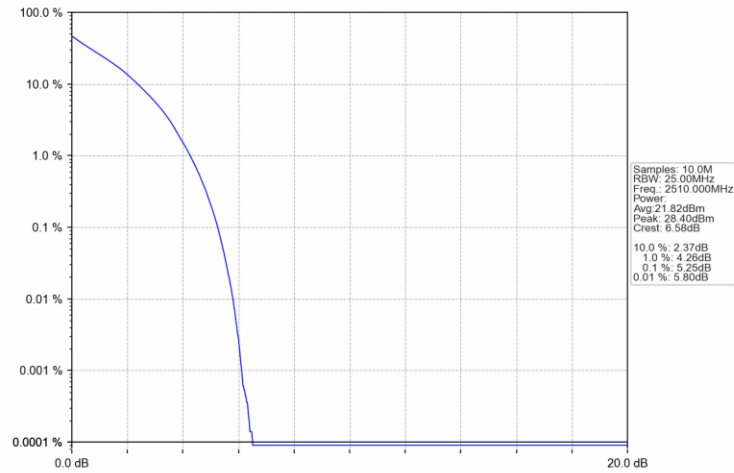


Band7 15MHz 16QAM HCH 2562.5MHz RB 27 48 NTNV

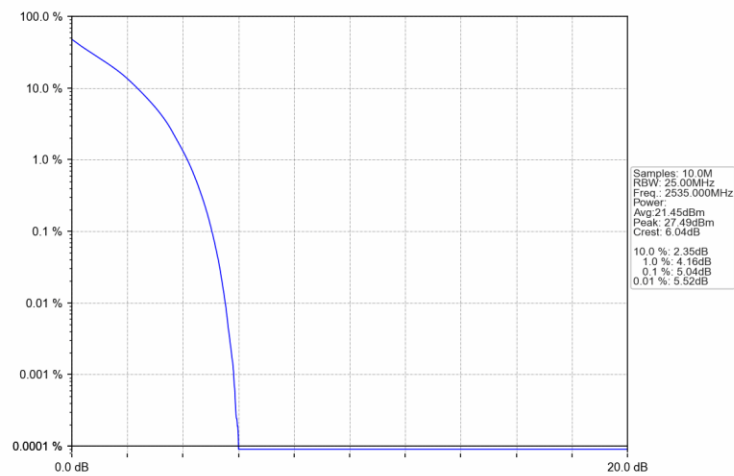


5.2.4 B7_20MHz

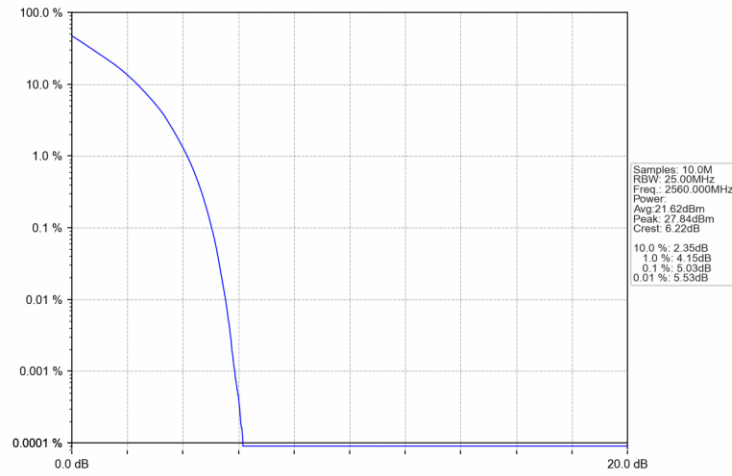
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



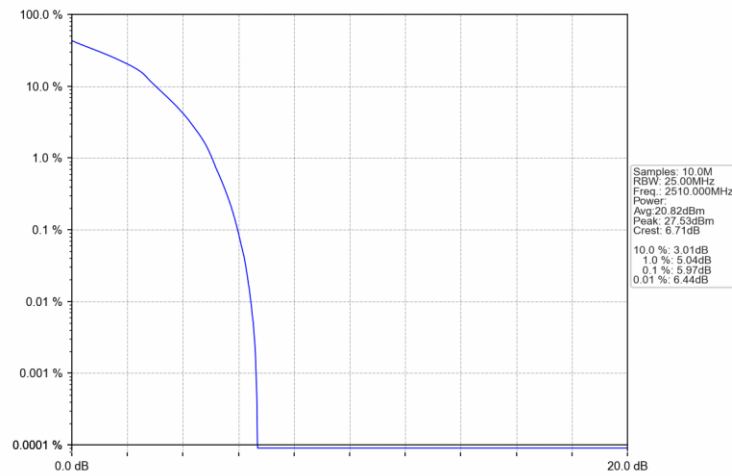
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



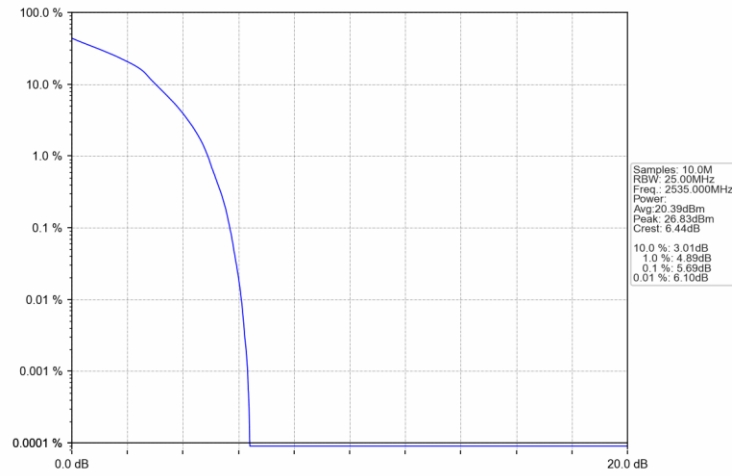
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



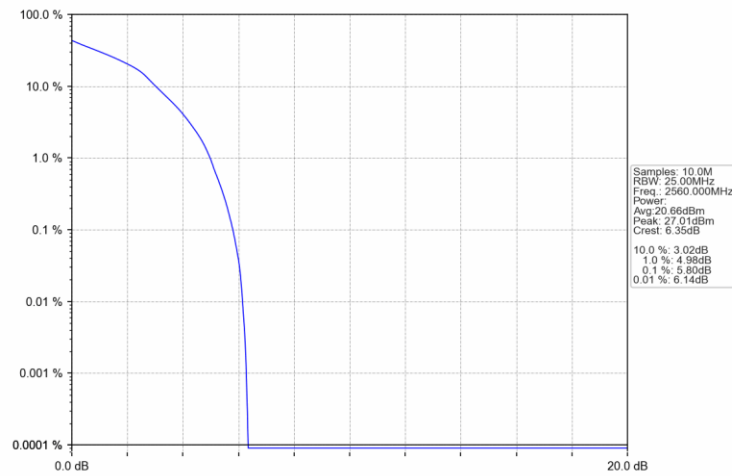
Band7 20MHz 16QAM LCH 2510MHz RB 27 0 NTNV



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	
		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	
		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 / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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

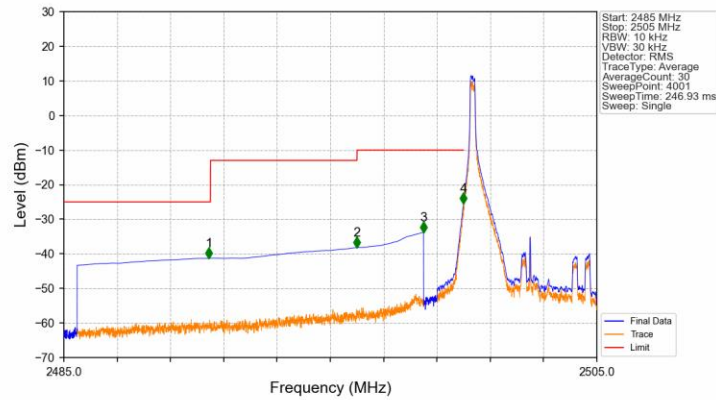
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / 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
	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



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.440	-41.29	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-38.22	-13	Pass
2496	2499	1	CHP	3	2498.500	-33.81	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-25.53	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

