

Appendix Test Data for LTE_band_7

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	24.29	2.54	26.83	<=33.01	Pass
			13	24.29	2.54	26.83	<=33.01	Pass
			24	24.30	2.54	26.84	<=33.01	Pass
		12	0	23.22	2.54	25.76	<=33.01	Pass
			6	23.20	2.54	25.74	<=33.01	Pass
			13	23.22	2.54	25.76	<=33.01	Pass
		25	0	23.25	2.54	25.79	<=33.01	Pass
	2535	1	0	24.30	2.54	26.84	<=33.01	Pass
			13	24.28	2.54	26.82	<=33.01	Pass
			24	24.32	2.54	26.86	<=33.01	Pass
		12	0	23.19	2.54	25.73	<=33.01	Pass
			6	23.15	2.54	25.69	<=33.01	Pass
			13	23.12	2.54	25.66	<=33.01	Pass
		25	0	23.14	2.54	25.68	<=33.01	Pass
	2567.5	1	0	24.22	2.54	26.76	<=33.01	Pass
			13	24.22	2.54	26.76	<=33.01	Pass
			24	24.03	2.54	26.57	<=33.01	Pass
		12	0	23.15	2.54	25.69	<=33.01	Pass
			6	23.10	2.54	25.64	<=33.01	Pass
			13	23.06	2.54	25.60	<=33.01	Pass
		25	0	23.12	2.54	25.66	<=33.01	Pass
16QAM	2502.5	1	0	23.38	2.54	25.92	<=33.01	Pass
			13	23.40	2.54	25.94	<=33.01	Pass
			24	23.43	2.54	25.97	<=33.01	Pass
		12	0	22.26	2.54	24.80	<=33.01	Pass
			6	22.23	2.54	24.77	<=33.01	Pass
			13	22.28	2.54	24.82	<=33.01	Pass
		25	0	22.20	2.54	24.74	<=33.01	Pass
	2535	1	0	23.35	2.54	25.89	<=33.01	Pass
			13	23.34	2.54	25.88	<=33.01	Pass
			24	23.34	2.54	25.88	<=33.01	Pass
		12	0	22.21	2.54	24.75	<=33.01	Pass
			6	22.15	2.54	24.69	<=33.01	Pass
			13	22.13	2.54	24.67	<=33.01	Pass
		25	0	22.22	2.54	24.76	<=33.01	Pass
	2567.5	1	0	22.63	2.54	25.17	<=33.01	Pass
			13	22.61	2.54	25.15	<=33.01	Pass
			24	22.65	2.54	25.19	<=33.01	Pass
		12	0	22.18	2.54	24.72	<=33.01	Pass
			6	22.14	2.54	24.68	<=33.01	Pass
			13	22.11	2.54	24.65	<=33.01	Pass
		25	0	22.14	2.54	24.68	<=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	24.12	2.54	26.66	<=33.01	Pass
			25	24.12	2.54	26.66	<=33.01	Pass
			49	23.72	2.54	26.26	<=33.01	Pass
		25	0	23.19	2.54	25.73	<=33.01	Pass
			13	23.21	2.54	25.75	<=33.01	Pass
			25	23.21	2.54	25.75	<=33.01	Pass
		50	0	23.23	2.54	25.77	<=33.01	Pass
			0	23.56	2.54	26.10	<=33.01	Pass
			25	23.63	2.54	26.17	<=33.01	Pass
	2535	1	49	23.56	2.54	26.10	<=33.01	Pass
			0	23.11	2.54	25.65	<=33.01	Pass
			13	23.17	2.54	25.71	<=33.01	Pass
		25	25	23.13	2.54	25.67	<=33.01	Pass
			0	23.19	2.54	25.73	<=33.01	Pass
			0	23.59	2.54	26.13	<=33.01	Pass
		25	25	23.63	2.54	26.17	<=33.01	Pass
			49	23.63	2.54	26.17	<=33.01	Pass
			0	23.17	2.54	25.71	<=33.01	Pass
	2565	1	13	23.10	2.54	25.64	<=33.01	Pass
			25	23.11	2.54	25.65	<=33.01	Pass
			0	23.17	2.54	25.71	<=33.01	Pass
16QAM	2505	1	0	22.86	2.54	25.40	<=33.01	Pass
			25	22.90	2.54	25.44	<=33.01	Pass
			49	22.86	2.54	25.40	<=33.01	Pass
		25	0	22.27	2.54	24.81	<=33.01	Pass
			13	22.21	2.54	24.75	<=33.01	Pass
			25	22.24	2.54	24.78	<=33.01	Pass
		50	0	22.22	2.54	24.76	<=33.01	Pass
			0	22.44	2.54	24.98	<=33.01	Pass
			25	22.56	2.54	25.10	<=33.01	Pass
	2535	1	49	22.51	2.54	25.05	<=33.01	Pass
			0	22.17	2.54	24.71	<=33.01	Pass
			13	22.20	2.54	24.74	<=33.01	Pass
		25	25	22.24	2.54	24.78	<=33.01	Pass
			0	22.17	2.54	24.71	<=33.01	Pass
			0	22.70	2.54	25.24	<=33.01	Pass
		25	25	22.76	2.54	25.30	<=33.01	Pass
			49	22.76	2.54	25.30	<=33.01	Pass
			0	22.15	2.54	24.69	<=33.01	Pass
	2565	1	13	22.10	2.54	24.64	<=33.01	Pass
			25	22.06	2.54	24.60	<=33.01	Pass
			0	22.10	2.54	24.64	<=33.01	Pass

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	24.05	2.54	26.59	<=33.01	Pass
			38	23.64	2.54	26.18	<=33.01	Pass
			74	23.51	2.54	26.05	<=33.01	Pass
		36	0	23.14	2.54	25.68	<=33.01	Pass
			18	23.15	2.54	25.69	<=33.01	Pass
			39	23.16	2.54	25.70	<=33.01	Pass
		75	0	23.15	2.54	25.69	<=33.01	Pass
	2535	1	0	23.45	2.54	25.99	<=33.01	Pass
			38	23.60	2.54	26.14	<=33.01	Pass
			74	23.49	2.54	26.03	<=33.01	Pass
		36	0	23.09	2.54	25.63	<=33.01	Pass
			18	23.09	2.54	25.63	<=33.01	Pass
			39	23.09	2.54	25.63	<=33.01	Pass
		75	0	23.05	2.54	25.59	<=33.01	Pass
	2562.5	1	0	23.43	2.54	25.97	<=33.01	Pass
			38	23.61	2.54	26.15	<=33.01	Pass
			74	23.56	2.54	26.10	<=33.01	Pass
		36	0	23.03	2.54	25.57	<=33.01	Pass
			18	23.06	2.54	25.60	<=33.01	Pass
			39	23.06	2.54	25.60	<=33.01	Pass
		75	0	23.10	2.54	25.64	<=33.01	Pass
16QAM	2507.5	1	0	22.88	2.54	25.42	<=33.01	Pass
			38	22.94	2.54	25.48	<=33.01	Pass
			74	22.85	2.54	25.39	<=33.01	Pass
		36	0	22.22	2.54	24.76	<=33.01	Pass
			18	22.19	2.54	24.73	<=33.01	Pass
			39	22.23	2.54	24.77	<=33.01	Pass
		75	0	22.14	2.54	24.68	<=33.01	Pass
	2535	1	0	22.35	2.54	24.89	<=33.01	Pass
			38	22.51	2.54	25.05	<=33.01	Pass
			74	22.43	2.54	24.97	<=33.01	Pass
		36	0	22.07	2.54	24.61	<=33.01	Pass
			18	22.06	2.54	24.60	<=33.01	Pass
			39	22.04	2.54	24.58	<=33.01	Pass
		75	0	22.09	2.54	24.63	<=33.01	Pass
	2562.5	1	0	22.62	2.54	25.16	<=33.01	Pass
			38	22.77	2.54	25.31	<=33.01	Pass
			74	22.72	2.54	25.26	<=33.01	Pass
		36	0	22.03	2.54	24.57	<=33.01	Pass
			18	22.09	2.54	24.63	<=33.01	Pass
			39	22.06	2.54	24.60	<=33.01	Pass
		75	0	22.05	2.54	24.59	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



Band: 7 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2510	1	0	24.02	2.54	26.56	<=33.01	Pass		
			50	23.65	2.54	26.19	<=33.01	Pass		
			99	23.52	2.54	26.06	<=33.01	Pass		
		50	0	23.09	2.54	25.63	<=33.01	Pass		
			25	23.19	2.54	25.73	<=33.01	Pass		
			50	23.23	2.54	25.77	<=33.01	Pass		
		100	0	23.16	2.54	25.70	<=33.01	Pass		
		2535	1	0	23.29	2.54	25.83	<=33.01	Pass	
				50	23.52	2.54	26.06	<=33.01	Pass	
	99			23.39	2.54	25.93	<=33.01	Pass		
	50		0	23.12	2.54	25.66	<=33.01	Pass		
			25	23.16	2.54	25.70	<=33.01	Pass		
			50	23.16	2.54	25.70	<=33.01	Pass		
	100		0	23.12	2.54	25.66	<=33.01	Pass		
	2560		1	0	23.54	2.54	26.08	<=33.01	Pass	
				50	23.72	2.54	26.26	<=33.01	Pass	
		99		23.68	2.54	26.22	<=33.01	Pass		
		50	0	23.11	2.54	25.65	<=33.01	Pass		
			25	23.13	2.54	25.67	<=33.01	Pass		
			50	23.06	2.54	25.60	<=33.01	Pass		
		100	0	23.07	2.54	25.61	<=33.01	Pass		
		16QAM	2510	1	0	22.72	2.54	25.26	<=33.01	Pass
					50	22.82	2.54	25.36	<=33.01	Pass
	99				22.73	2.54	25.27	<=33.01	Pass	
50	0			22.12	2.54	24.66	<=33.01	Pass		
	25			22.16	2.54	24.70	<=33.01	Pass		
	50			22.22	2.54	24.76	<=33.01	Pass		
100	0			22.14	2.54	24.68	<=33.01	Pass		
2535	1		0	22.52	2.54	25.06	<=33.01	Pass		
			50	22.76	2.54	25.30	<=33.01	Pass		
			99	22.63	2.54	25.17	<=33.01	Pass		
	50		0	22.13	2.54	24.67	<=33.01	Pass		
			25	22.19	2.54	24.73	<=33.01	Pass		
			50	22.15	2.54	24.69	<=33.01	Pass		
	100		0	22.15	2.54	24.69	<=33.01	Pass		
2560	1		0	22.63	2.54	25.17	<=33.01	Pass		
			50	22.79	2.54	25.33	<=33.01	Pass		
			99	22.72	2.54	25.26	<=33.01	Pass		
	50		0	22.08	2.54	24.62	<=33.01	Pass		
			25	22.08	2.54	24.62	<=33.01	Pass		
			50	22.02	2.54	24.56	<=33.01	Pass		
	100		0	22.02	2.54	24.56	<=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	-11.687	-0.0047	-2.5 to 2.5	Pass
					3.85	7.911	0.0032	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.060	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-9.084	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-13.232	-0.0053	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				40	3.85	-13.089	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-9.756	-0.0038	-2.5 to 2.5	Pass
					3.85	8.025	0.0032	-2.5 to 2.5	Pass
					4.43	-1.717	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
				0	3.85	7.482	0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0030	-2.5 to 2.5	Pass
				50	3.85	3.777	0.0015	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-8.612	-0.0034	-2.5 to 2.5	Pass
					3.85	-9.069	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-10.471	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.582	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-9.241	-0.0036	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-5.908	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-11.401	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0028	-2.5 to 2.5	Pass
				10	3.85	3.362	0.0013	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-2.632	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0024	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	3.419	0.0013	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
					4.43	6.108	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.454	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-13.533	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	8.883	0.0035	-2.5 to 2.5	Pass

				0	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0007	-2.5 to 2.5	Pass
				50	3.85	-8.039	-0.0032	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-14.963	-0.0058	-2.5 to 2.5	Pass
					3.85	-9.084	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.059	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.225	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.922	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.130	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0009	-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	-7.510	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.151	-0.0025	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0027	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-7.739	-0.0031	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-8.039	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				30	3.85	-8.297	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-6.866	-0.0027	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.792	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-7.682	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-7.238	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0027	-2.5 to 2.5	Pass

				-30	3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-7.496	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-9.427	-0.0038	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-5.693	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.478	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0025	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0025	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-2.561	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0010	-2.5 to 2.5	Pass
					4.43	0.458	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0021	-2.5 to 2.5	Pass
				10	3.85	4.606	0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0021	-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	-6.137	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.516	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-8.826	-0.0035	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-8.125	-0.0032	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.403	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.950	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.878	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.549	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0019	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	-2.346	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-5.350	-0.0021	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-6.909	-0.0028	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0021	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0019	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-0.844	-0.0003	-2.5 to 2.5	Pass
					3.85	-7.782	-0.0031	-2.5 to 2.5	Pass
					4.43	-2.460	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.276	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-5.922	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.373	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0005	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	0.072	0.0000	-2.5 to 2.5	Pass
					3.85	1.159	0.0005	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0025	-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	-1.044	-0.0004	-2.5 to 2.5	Pass
					3.85	2.675	0.0011	-2.5 to 2.5	Pass
					4.43	-1.917	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.804	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.330	0.0005	-2.5 to 2.5	Pass
				-10	3.85	7.281	0.0029	-2.5 to 2.5	Pass
				0	3.85	3.705	0.0015	-2.5 to 2.5	Pass
				10	3.85	4.034	0.0016	-2.5 to 2.5	Pass

				30	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				40	3.85	6.351	0.0025	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-5.064	-0.0020	-2.5 to 2.5	Pass
					3.85	-10.228	-0.0040	-2.5 to 2.5	Pass
					4.43	-2.575	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.895	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.606	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0020	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	2.375	0.0009	-2.5 to 2.5	Pass
					3.85	2.789	0.0011	-2.5 to 2.5	Pass
					4.43	2.646	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.807	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.772	0.0003	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				50	3.85	3.734	0.0015	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	6.037	0.0024	-2.5 to 2.5	Pass
					3.85	2.918	0.0012	-2.5 to 2.5	Pass
					4.43	2.632	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0013	-2.5 to 2.5	Pass
				-10	3.85	3.834	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0011	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				50	3.85	4.005	0.0016	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-1.545	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0016	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.865	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0025	-2.5 to 2.5	Pass
				40	3.85	0.973	0.0004	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	10.729	0.0042	-2.5 to 2.5	Pass
					3.85	4.635	0.0018	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0009	-2.5 to 2.5	Pass
				0	3.85	5.164	0.0020	-2.5 to 2.5	Pass
				10	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.016	0.0004	-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

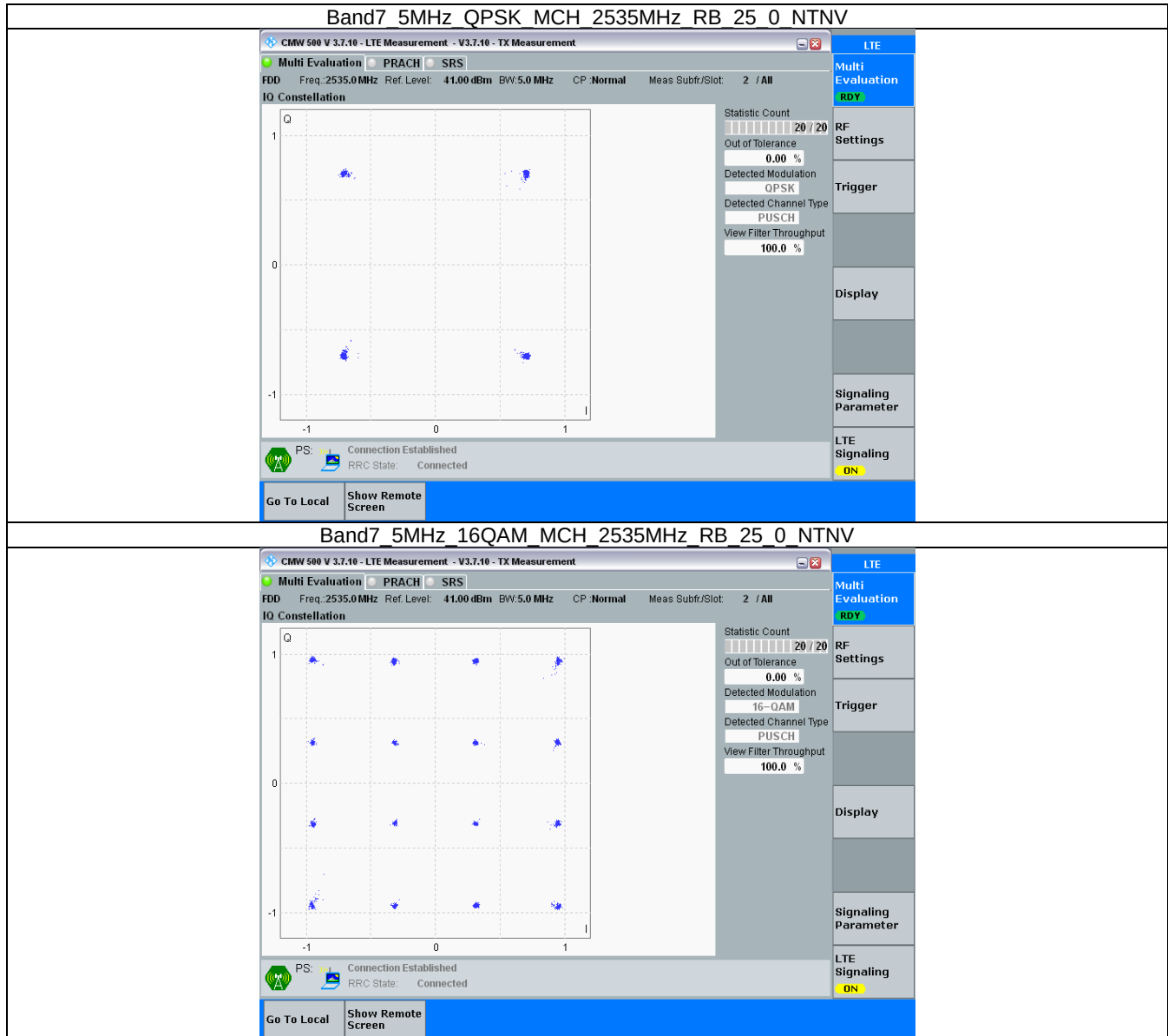
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

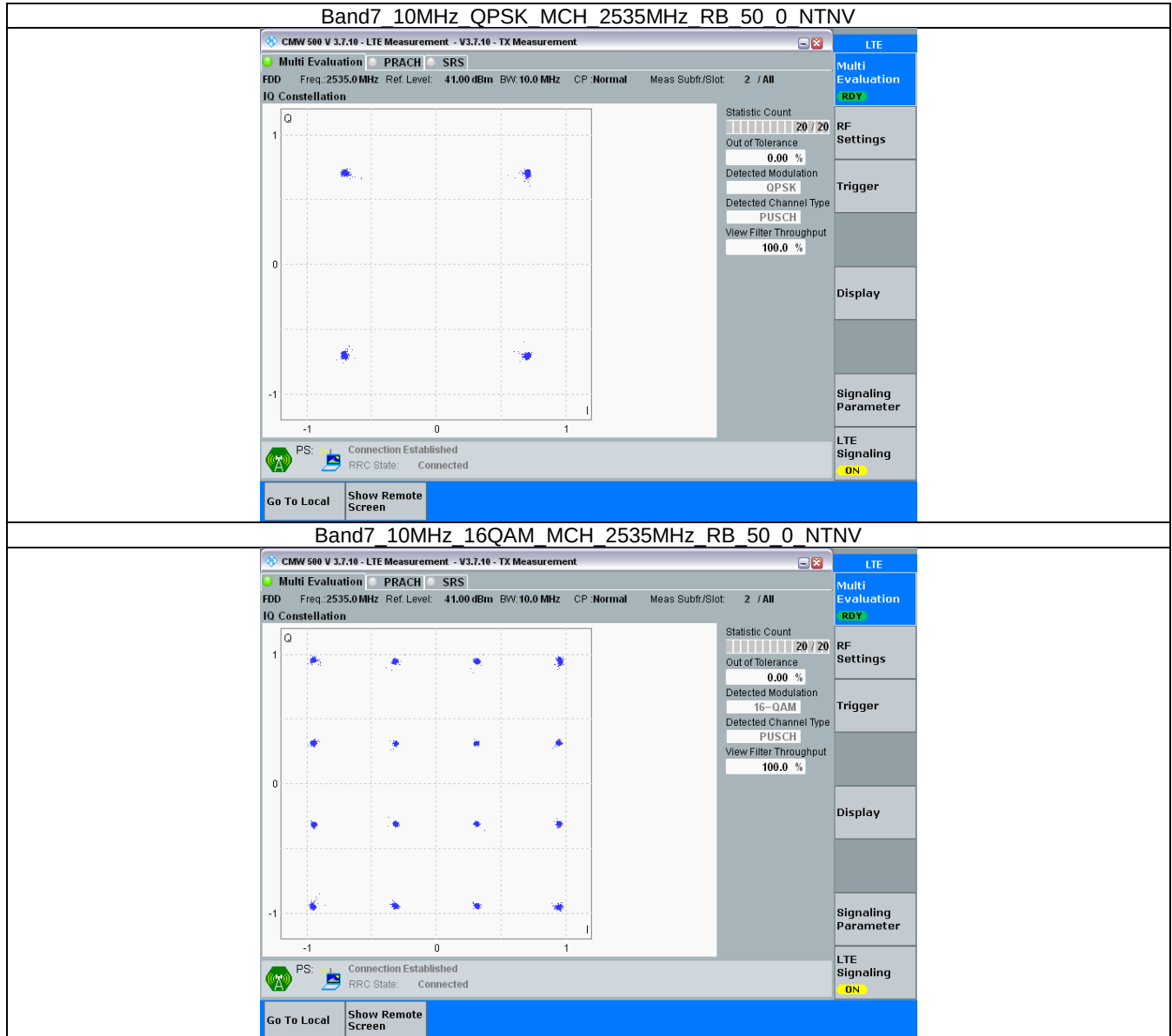
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

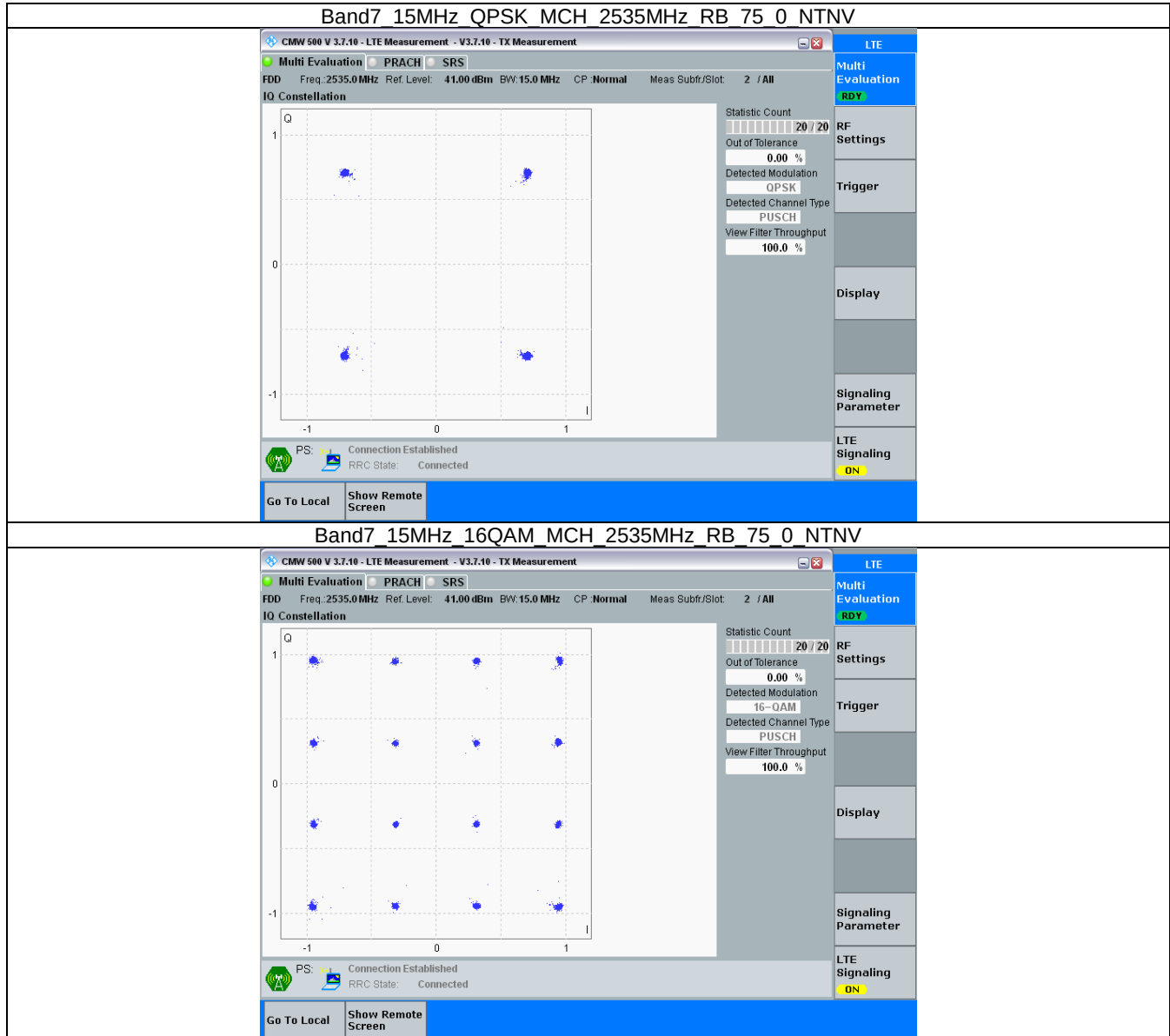
3.2.1 B7_5MHz



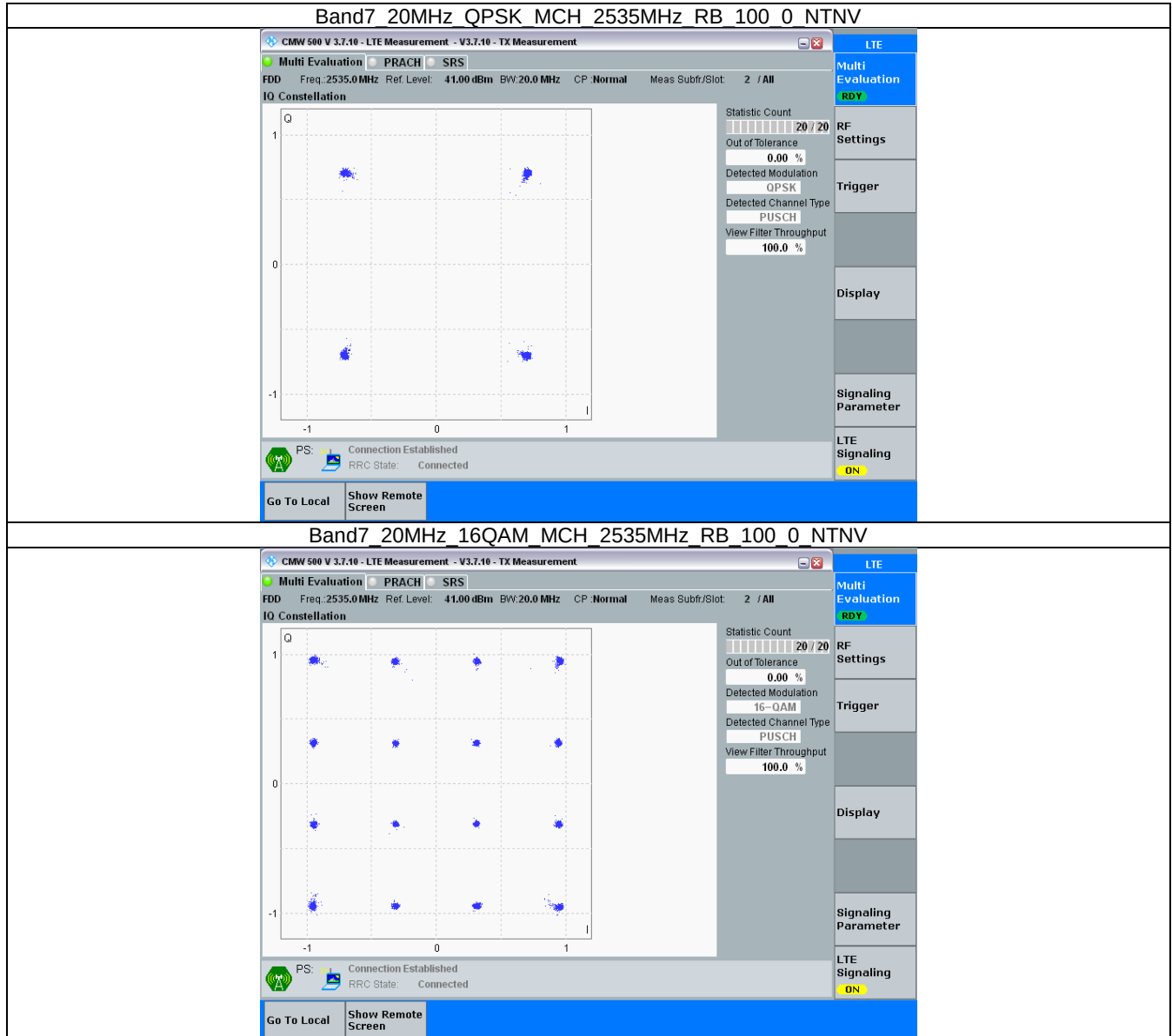
3.2.2 B7_10MHz



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	4.470	/	Pass
		2535	25	0	4.471	/	Pass
		2567.5	25	0	4.473	/	Pass
	16QAM	2502.5	25	0	4.476	/	Pass
		2535	25	0	4.480	/	Pass
		2567.5	25	0	4.473	/	Pass
10	QPSK	2505	50	0	8.951	/	Pass
		2535	50	0	8.956	/	Pass
		2565	50	0	8.960	/	Pass
	16QAM	2505	50	0	8.957	/	Pass
		2535	50	0	8.950	/	Pass
		2565	50	0	8.945	/	Pass
15	QPSK	2507.5	75	0	13.450	/	Pass
		2535	75	0	13.418	/	Pass
		2562.5	75	0	13.434	/	Pass
	16QAM	2507.5	75	0	13.439	/	Pass
		2535	75	0	13.429	/	Pass
		2562.5	75	0	13.431	/	Pass
20	QPSK	2510	100	0	17.932	/	Pass
		2535	100	0	17.897	/	Pass
		2560	100	0	17.861	/	Pass
	16QAM	2510	100	0	17.898	/	Pass
		2535	100	0	17.893	/	Pass
		2560	100	0	17.944	/	Pass

4.1.2 Band7_XDB

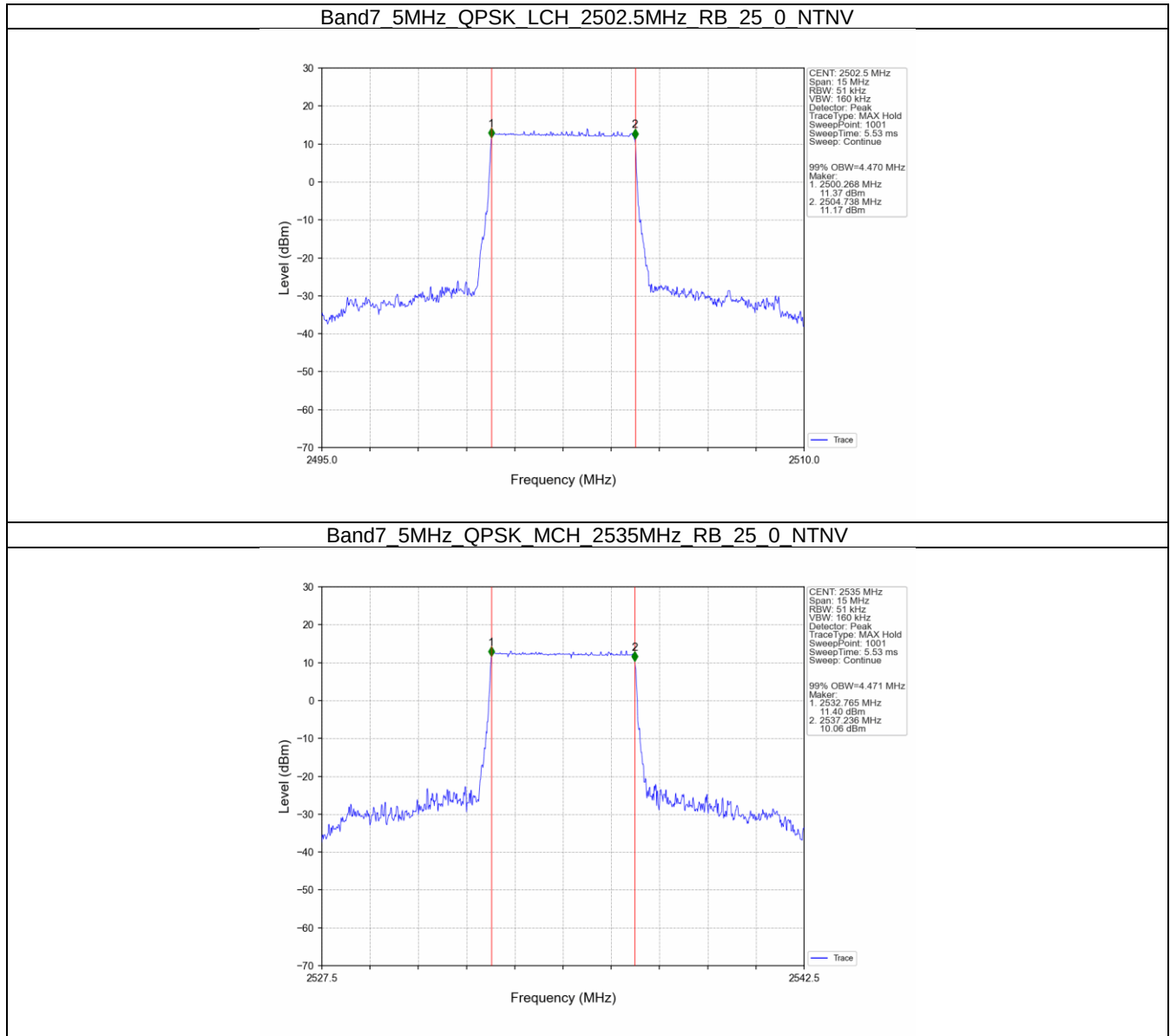
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.863	/	Pass
		2535	25	0	4.871	/	Pass
		2567.5	25	0	4.840	/	Pass
	16QAM	2502.5	25	0	4.879	/	Pass
		2535	25	0	4.871	/	Pass
		2567.5	25	0	4.852	/	Pass
10	QPSK	2505	50	0	9.632	/	Pass
		2535	50	0	9.631	/	Pass
		2565	50	0	9.662	/	Pass
	16QAM	2505	50	0	9.538	/	Pass
		2535	50	0	9.602	/	Pass
		2565	50	0	9.619	/	Pass
15	QPSK	2507.5	75	0	14.204	/	Pass
		2535	75	0	14.381	/	Pass
		2562.5	75	0	14.402	/	Pass
	16QAM	2507.5	75	0	14.289	/	Pass
		2535	75	0	14.356	/	Pass
		2562.5	75	0	14.372	/	Pass
20	QPSK	2510	100	0	19.232	/	Pass



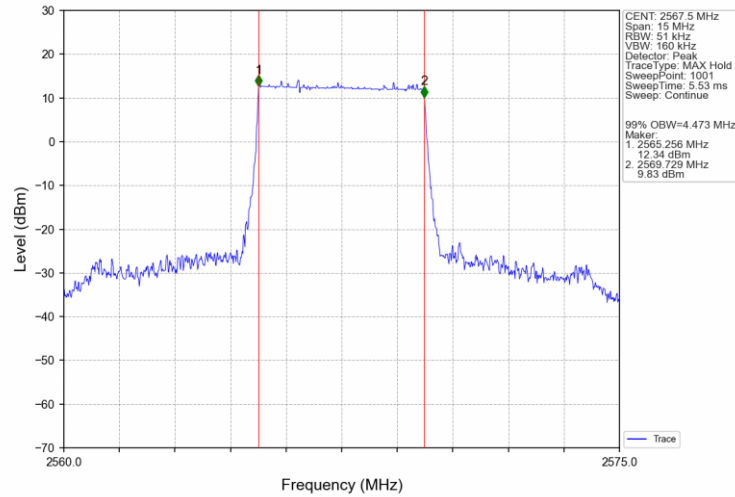
		2535	100	0	19.000	/	Pass
		2560	100	0	18.842	/	Pass
	16QAM	2510	100	0	19.073	/	Pass
		2535	100	0	19.042	/	Pass
		2560	100	0	19.055	/	Pass

4.2 Test Graph

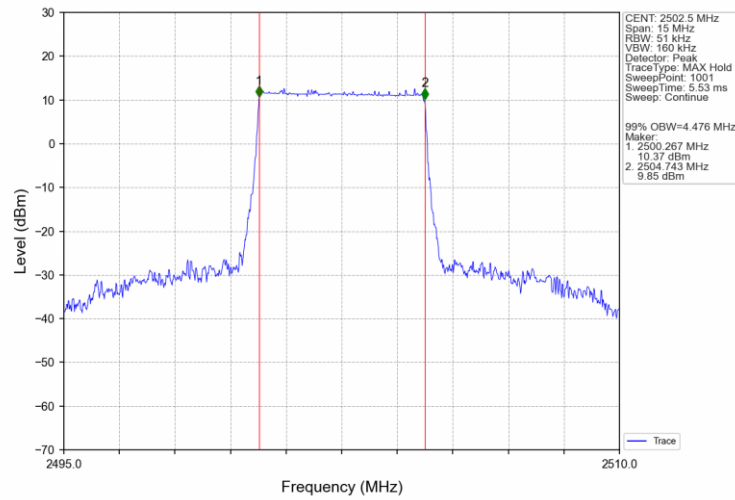
4.2.1 Band7_OBW



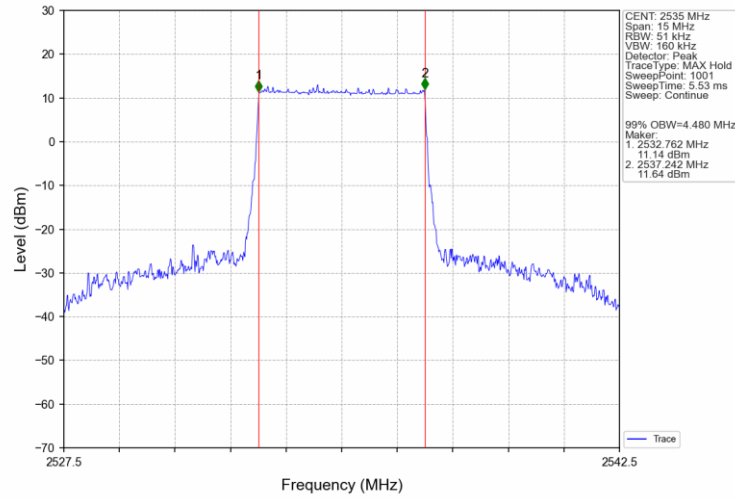
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



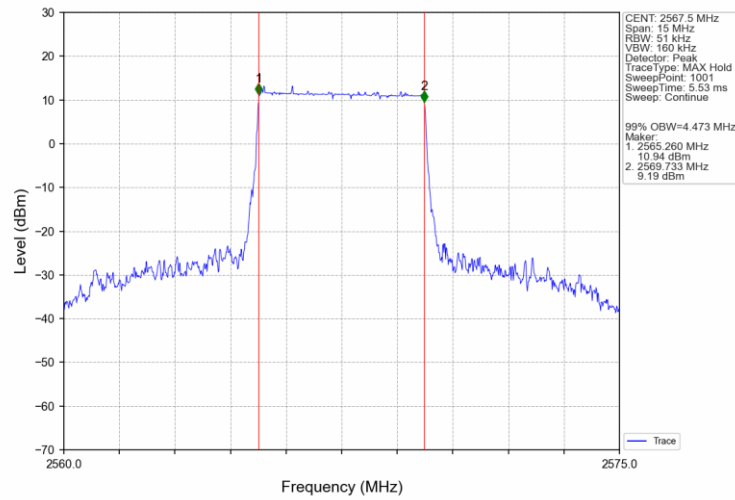
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



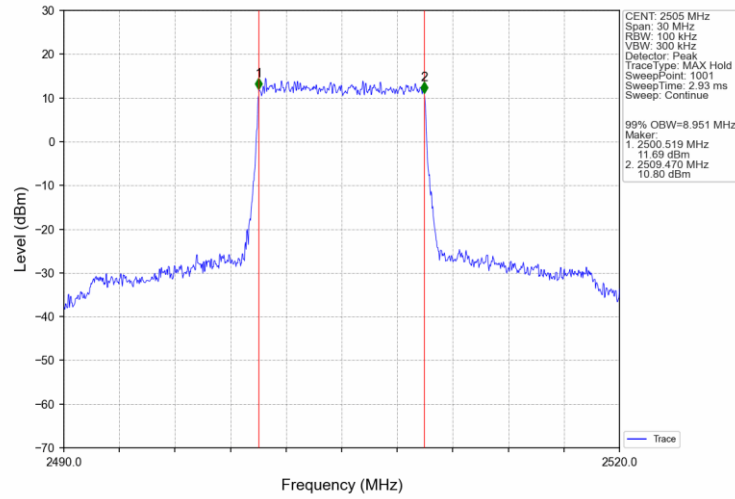
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



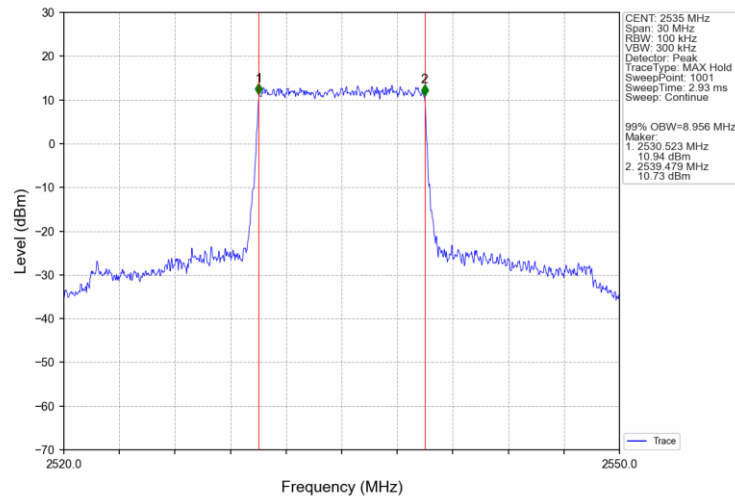
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



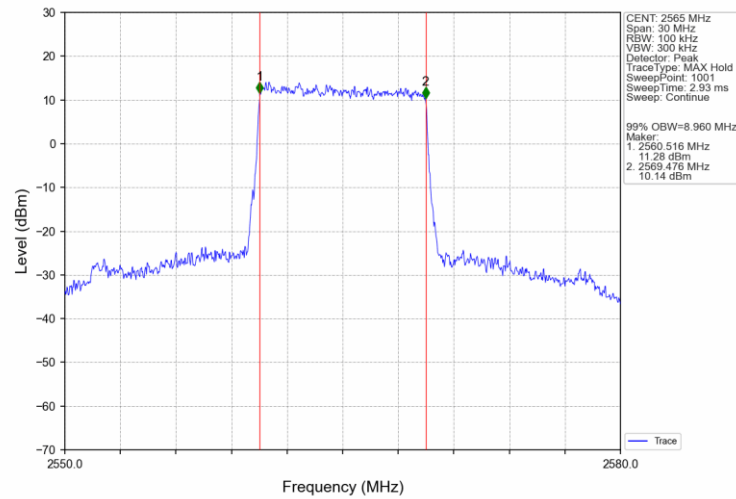
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



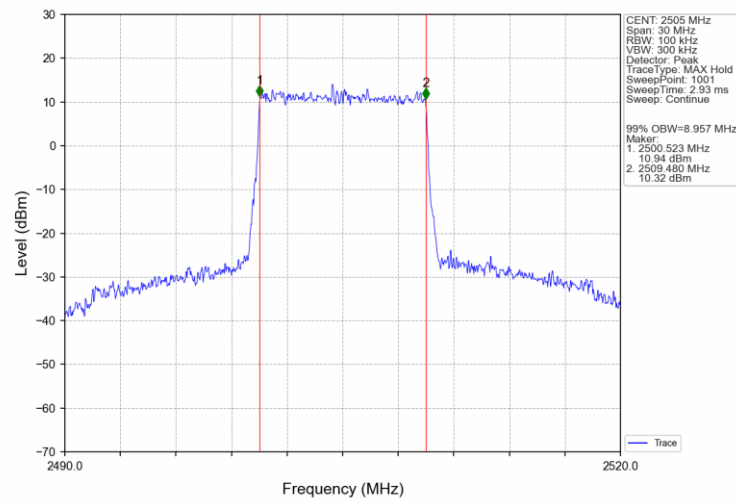
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



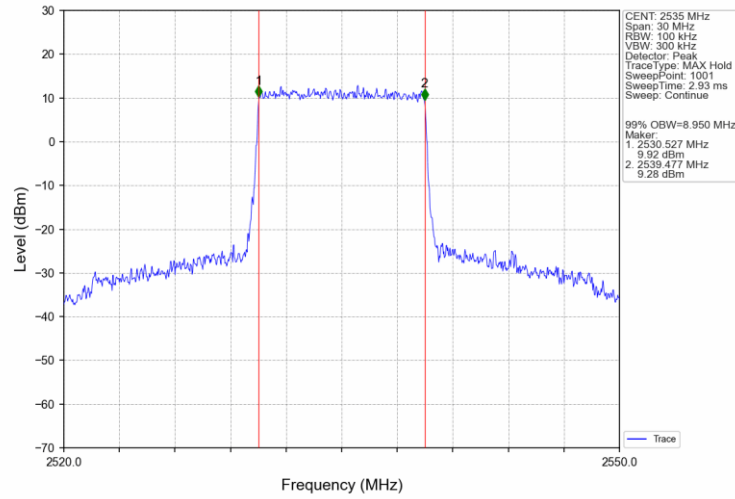
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



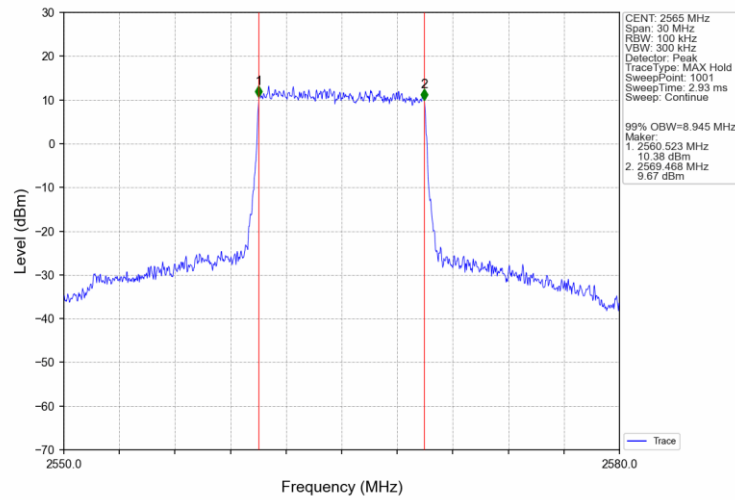
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



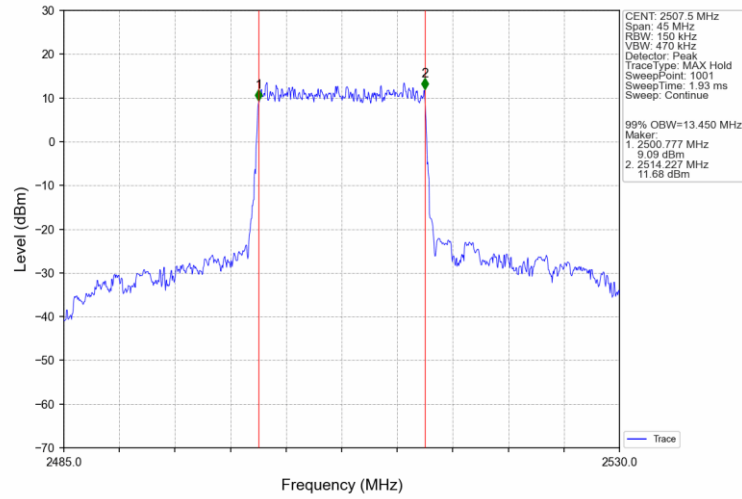
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



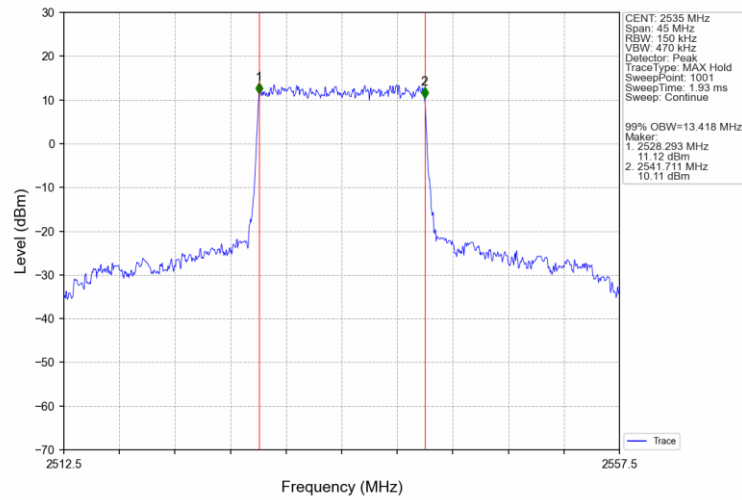
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



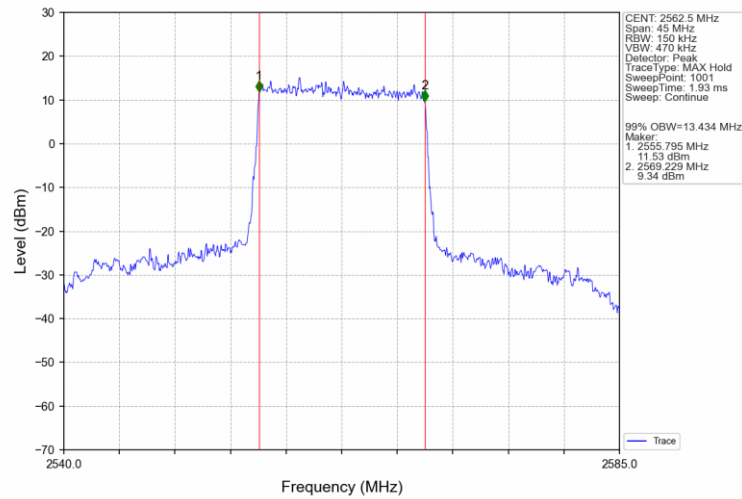
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



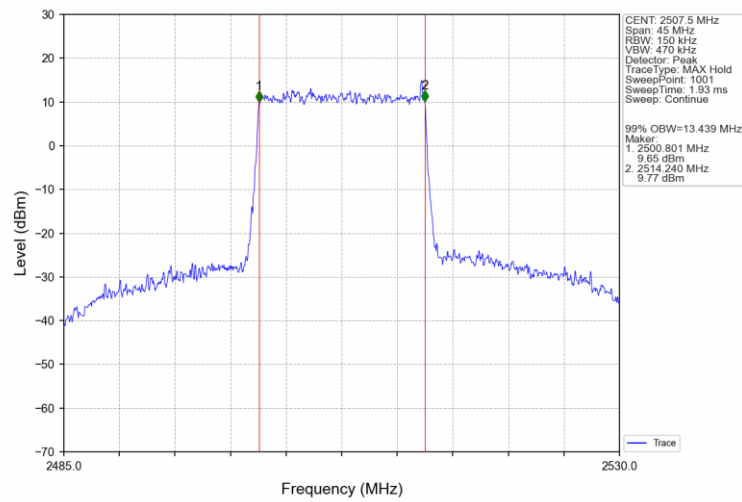
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



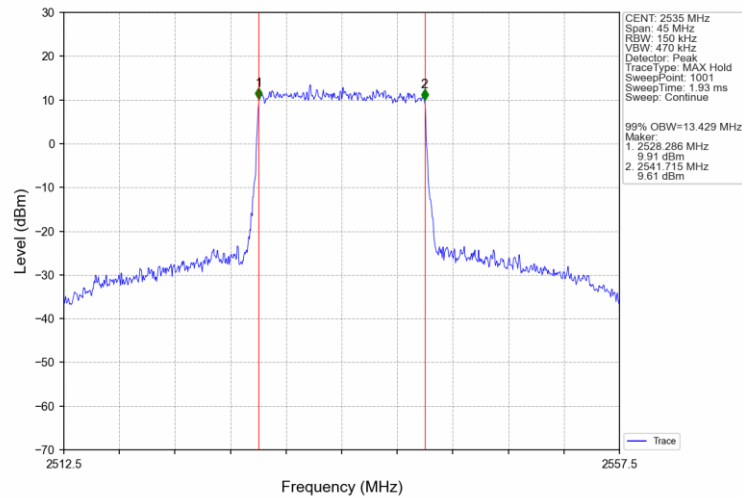
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



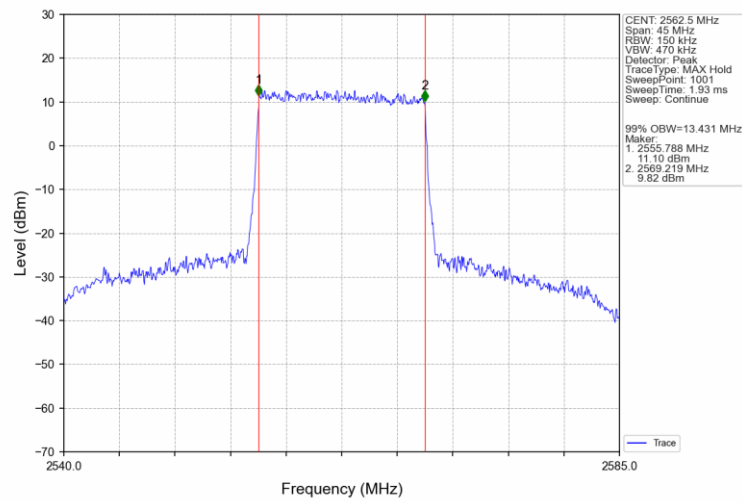
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



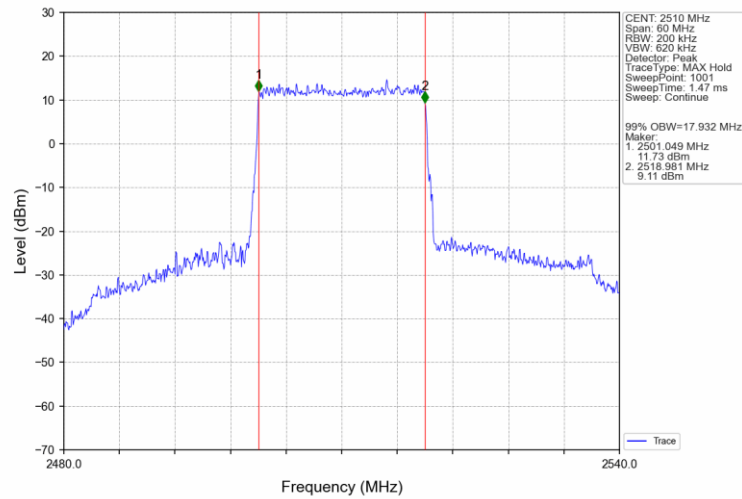
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



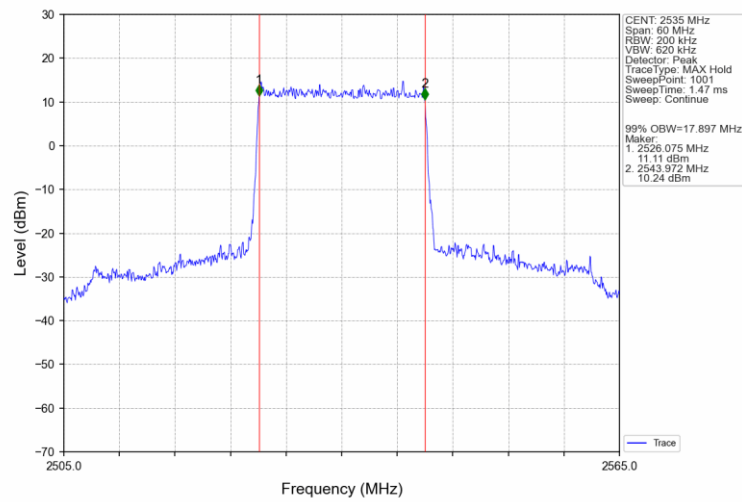
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



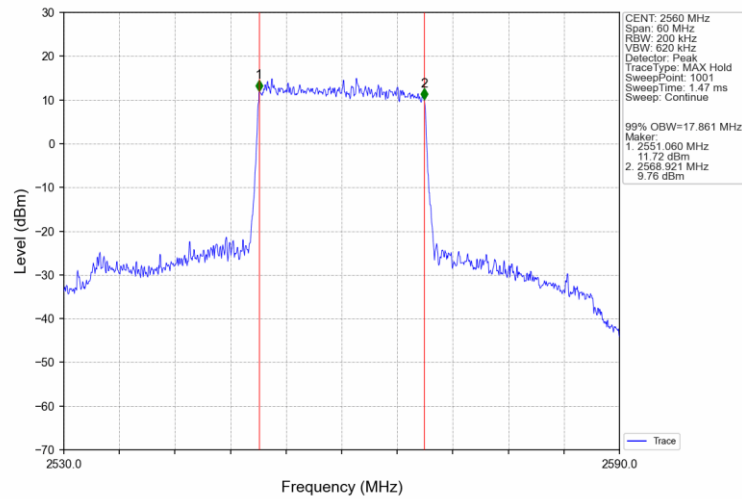
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



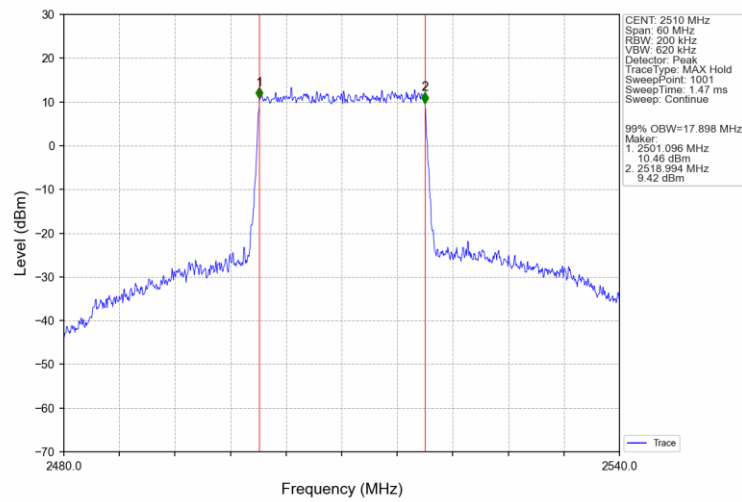
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



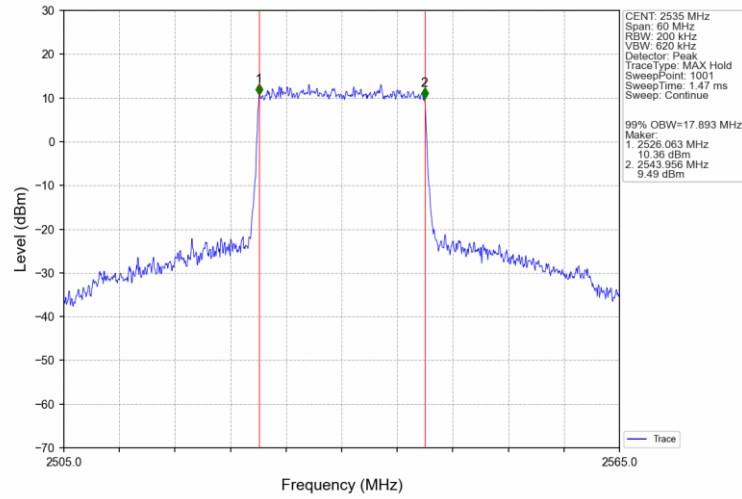
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



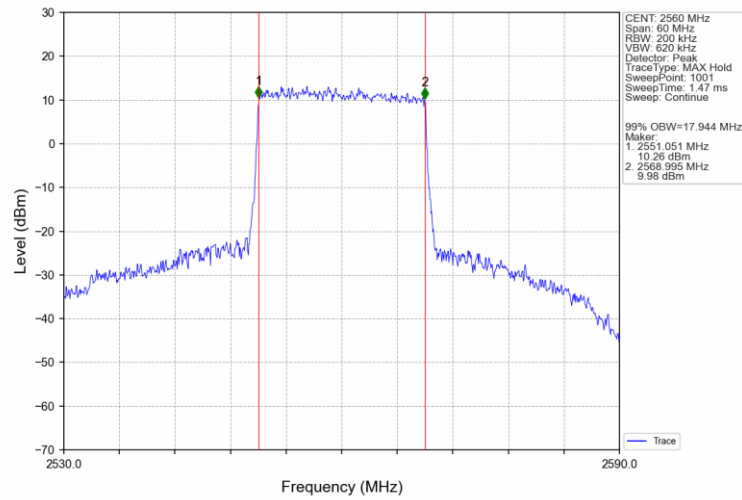
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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

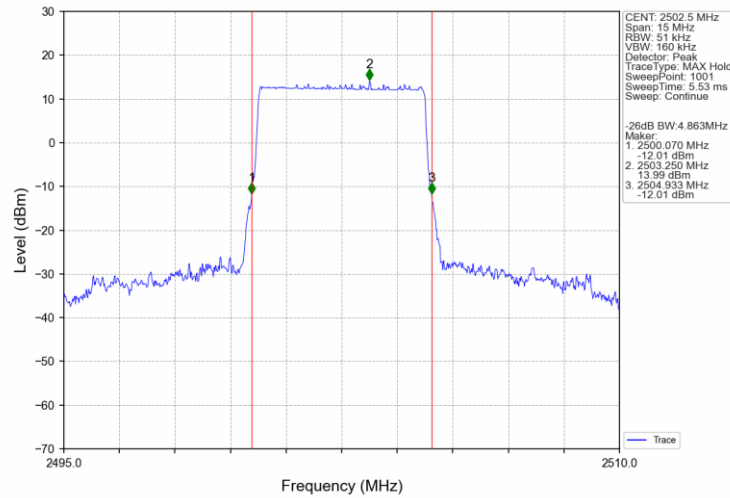


Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

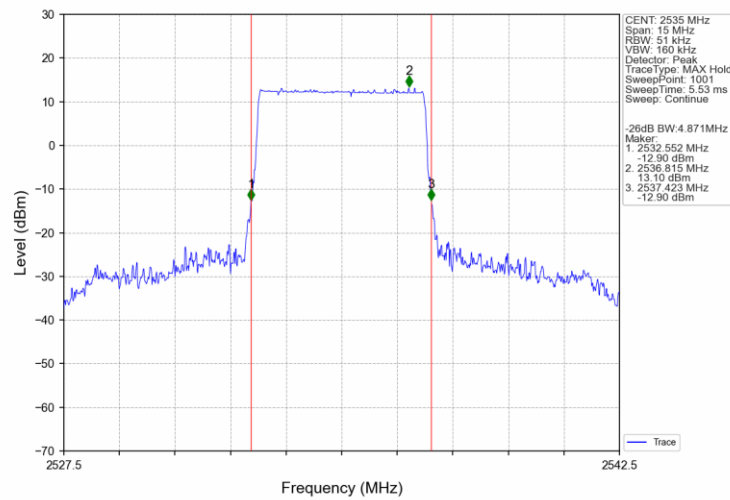


4.2.2 Band7_XDB

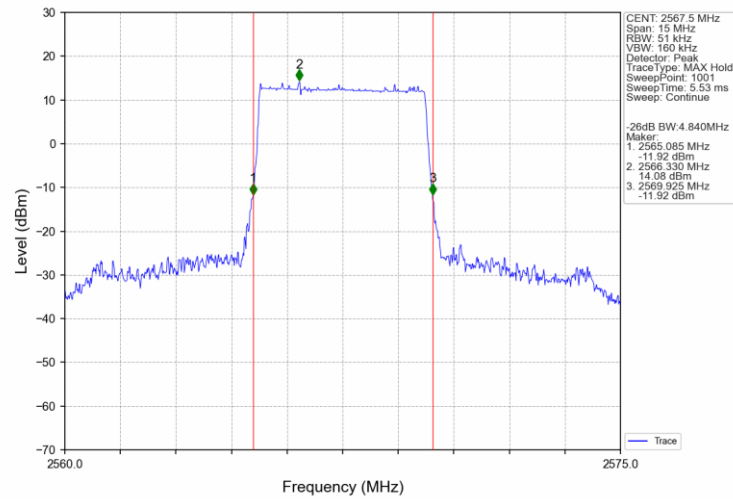
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



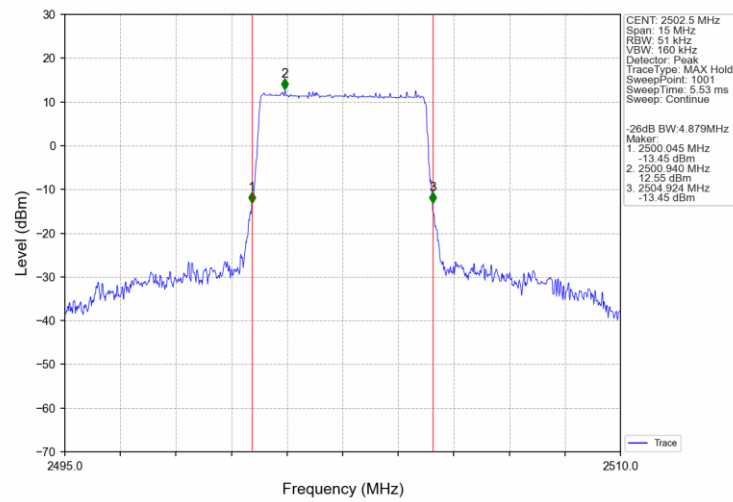
Band7 5MHz QPSK MCH 2535MHz RB 25 0 NTNV



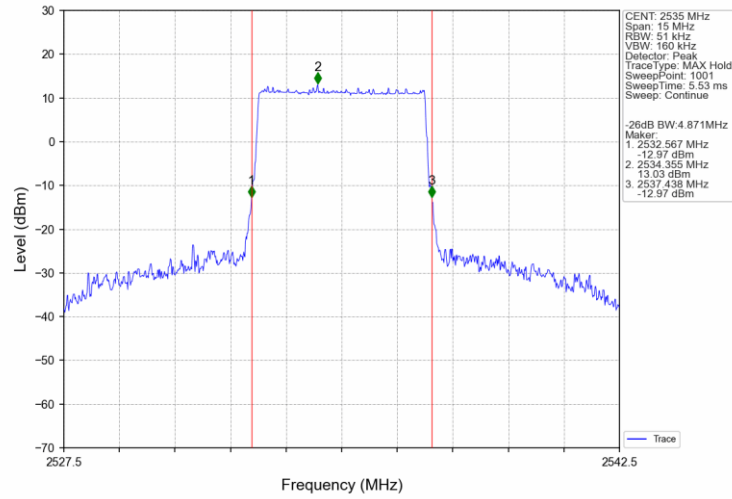
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



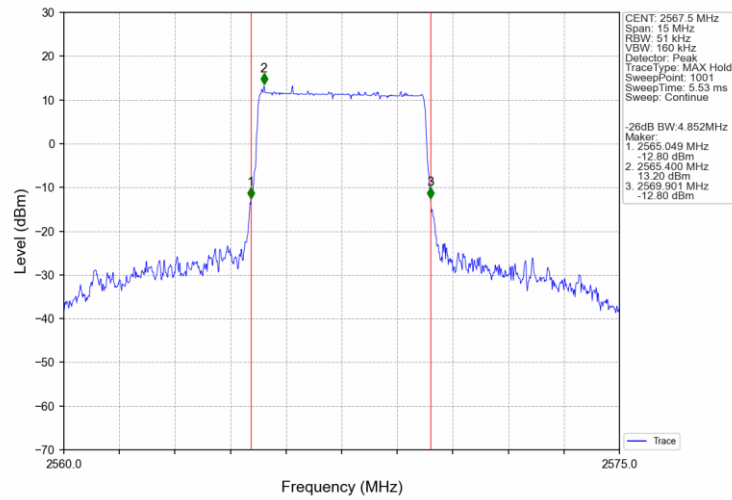
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



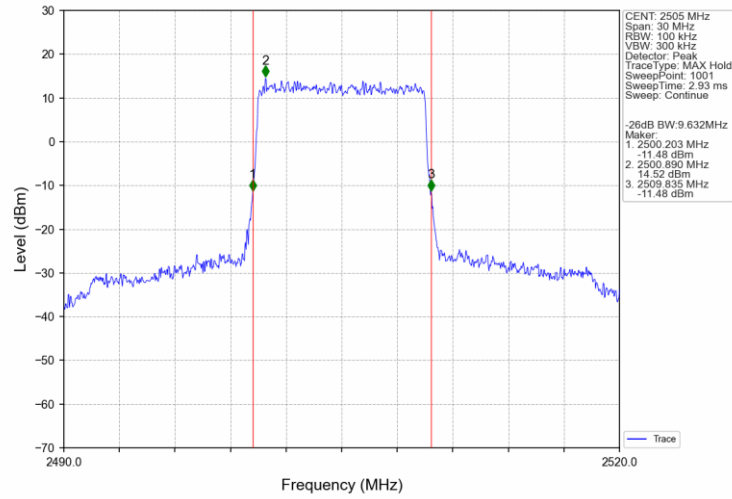
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



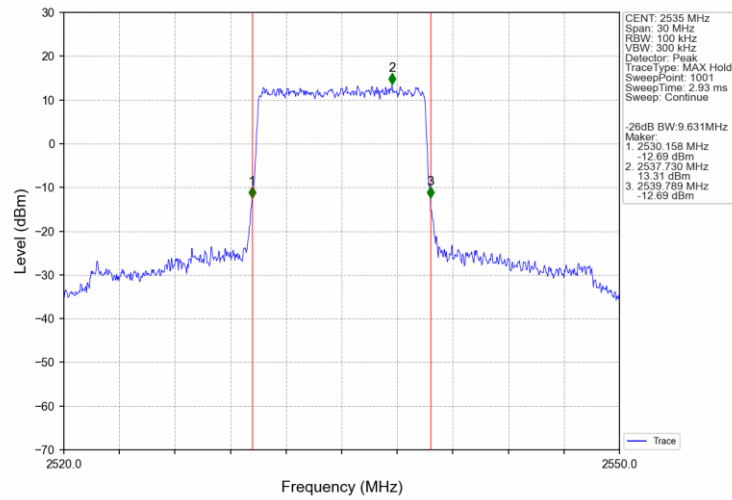
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



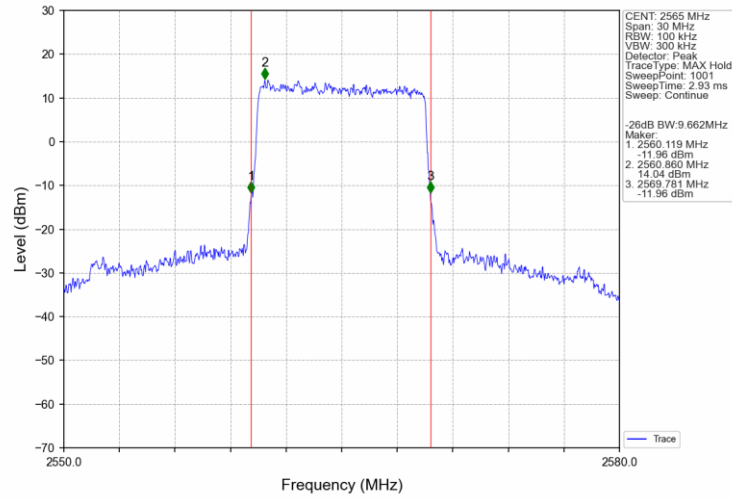
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



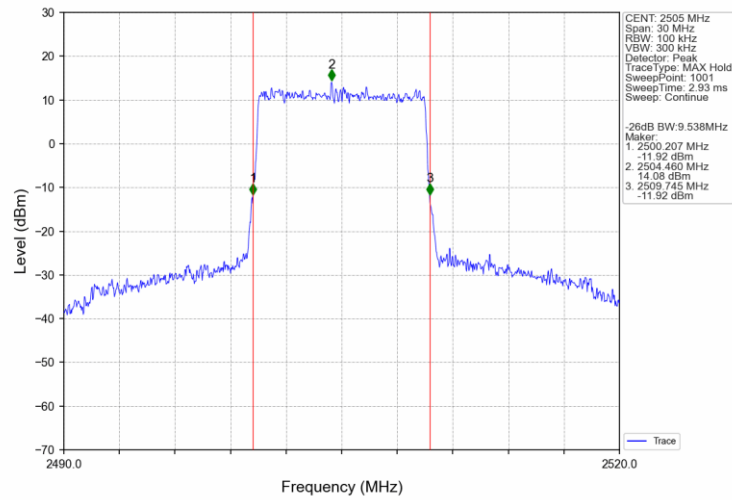
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



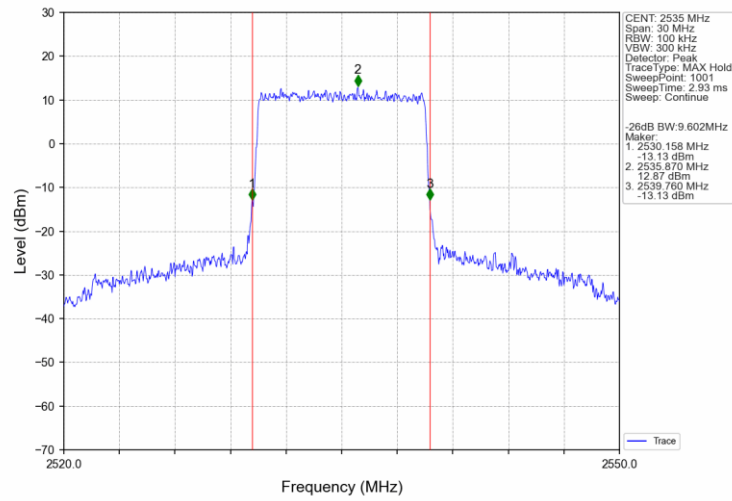
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



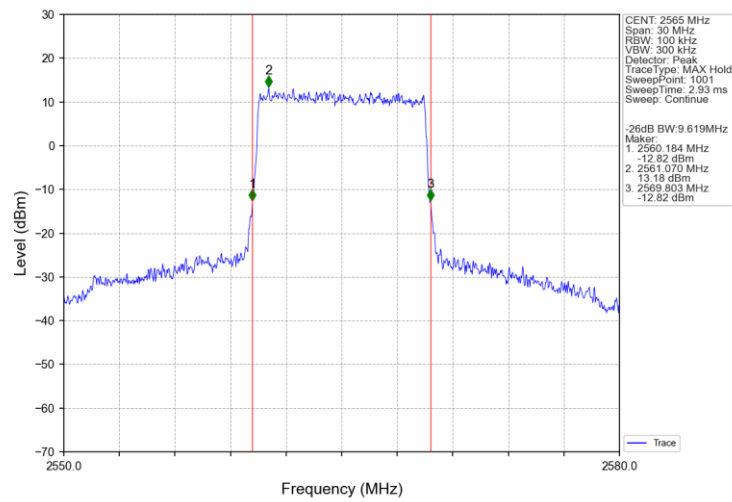
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



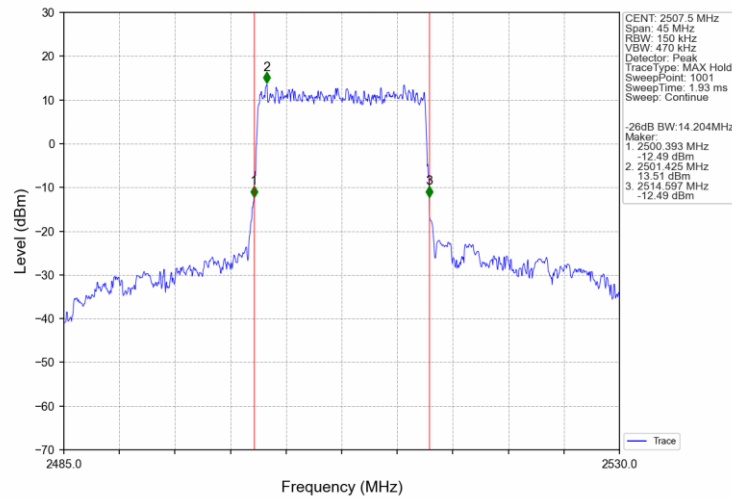
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



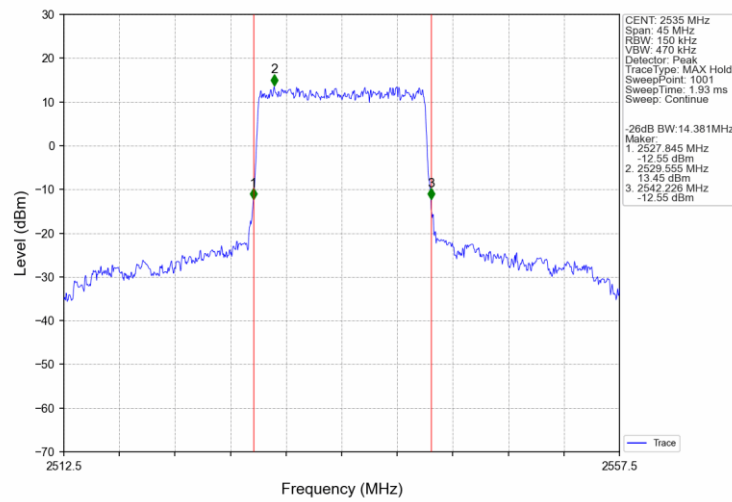
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



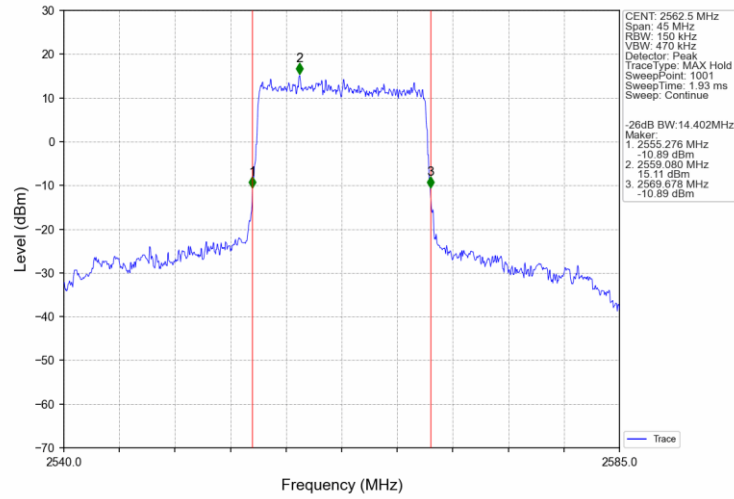
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



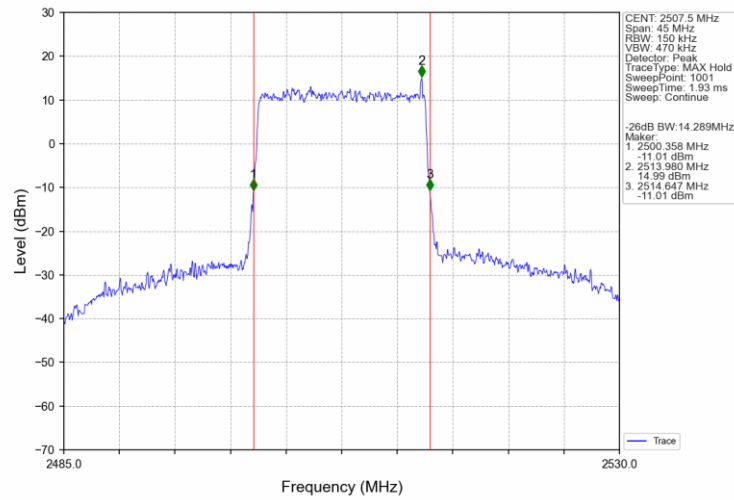
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



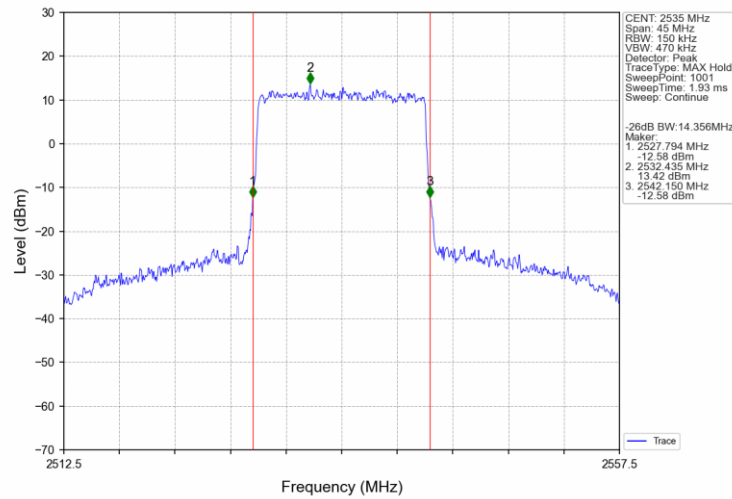
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



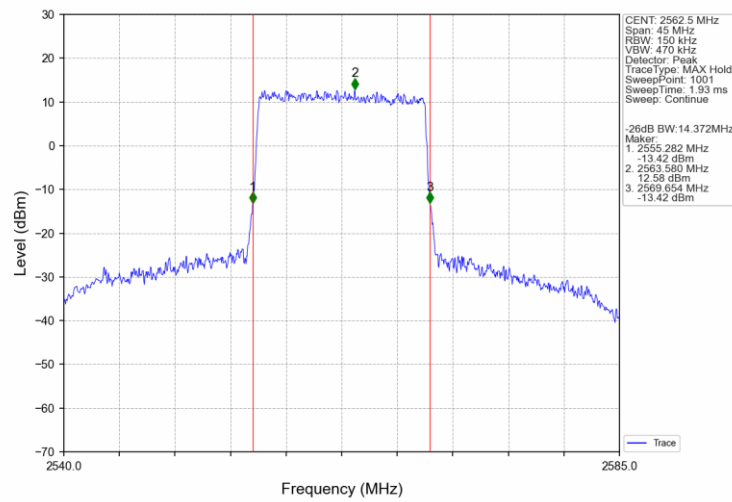
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



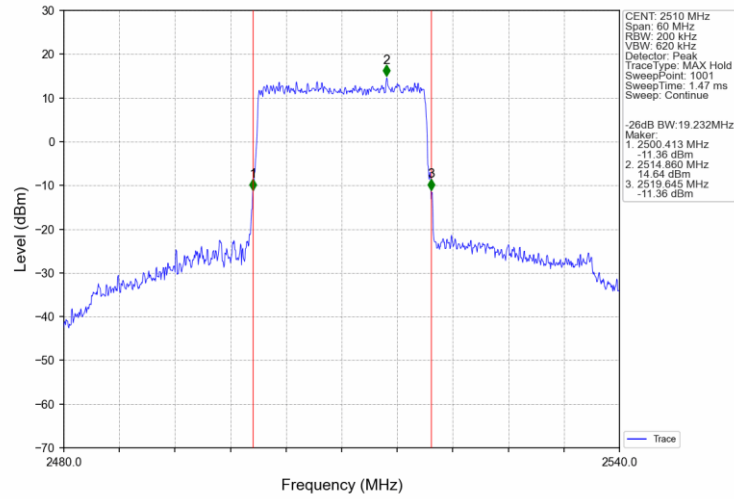
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



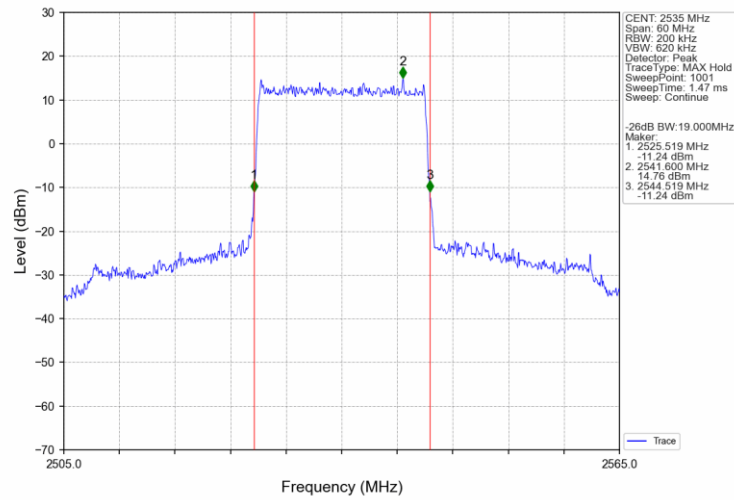
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



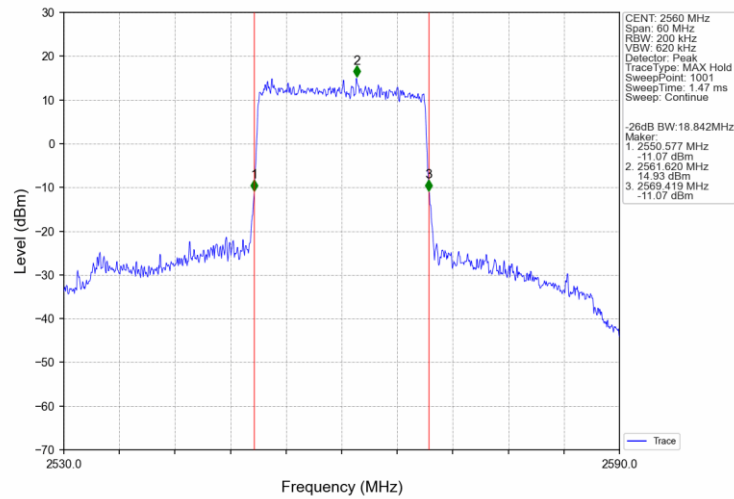
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



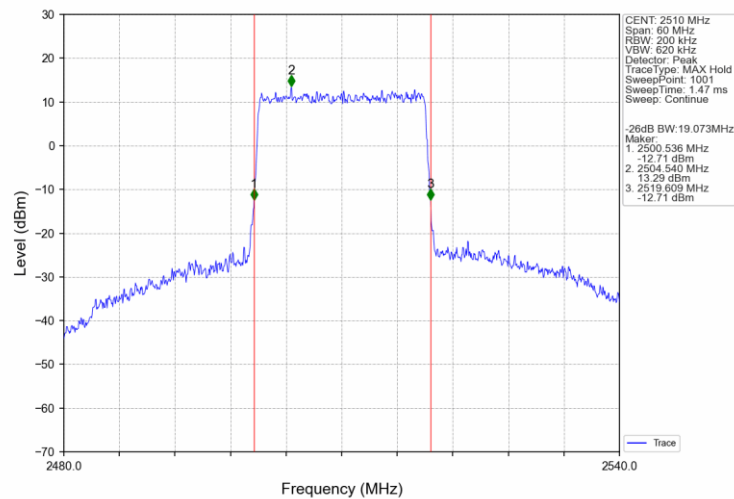
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



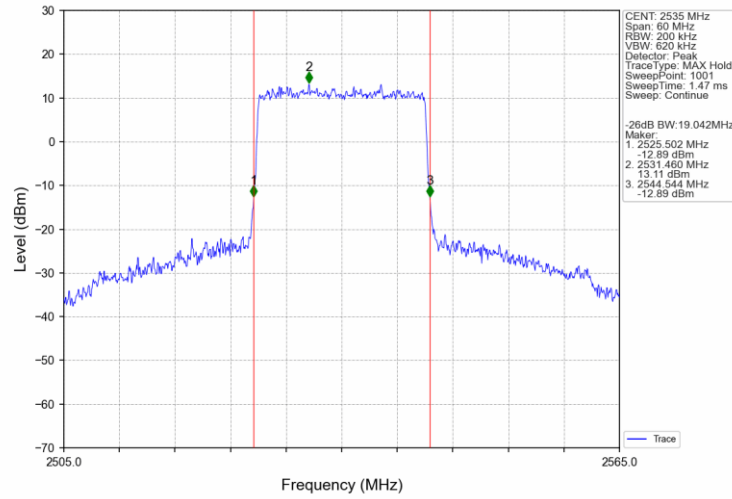
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



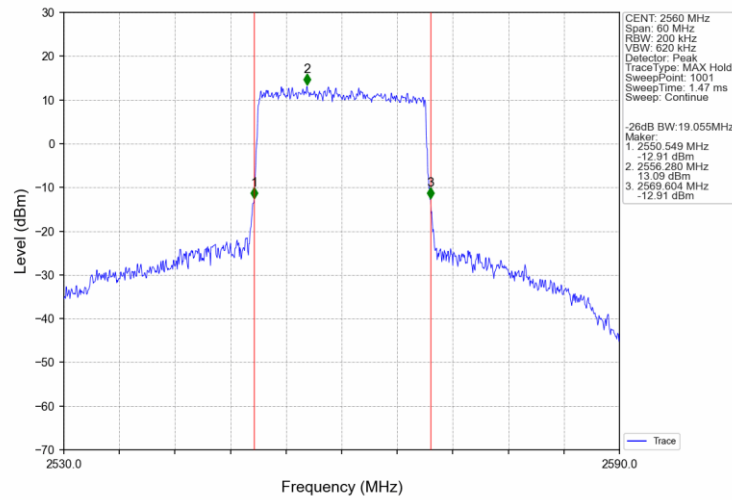
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



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



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



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	5.44	<=13	Pass
	2535	25	0	5.25	<=13	Pass
	2567.5	25	0	5.28	<=13	Pass
16QAM	2502.5	25	0	6.15	<=13	Pass
	2535	25	0	6.01	<=13	Pass
	2567.5	25	0	6.02	<=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	5.37	<=13	Pass
	2535	50	0	5.20	<=13	Pass
	2565	50	0	5.25	<=13	Pass
16QAM	2505	50	0	6.17	<=13	Pass
	2535	50	0	6.03	<=13	Pass
	2565	50	0	6.03	<=13	Pass

5.1.3 B7_15MHz

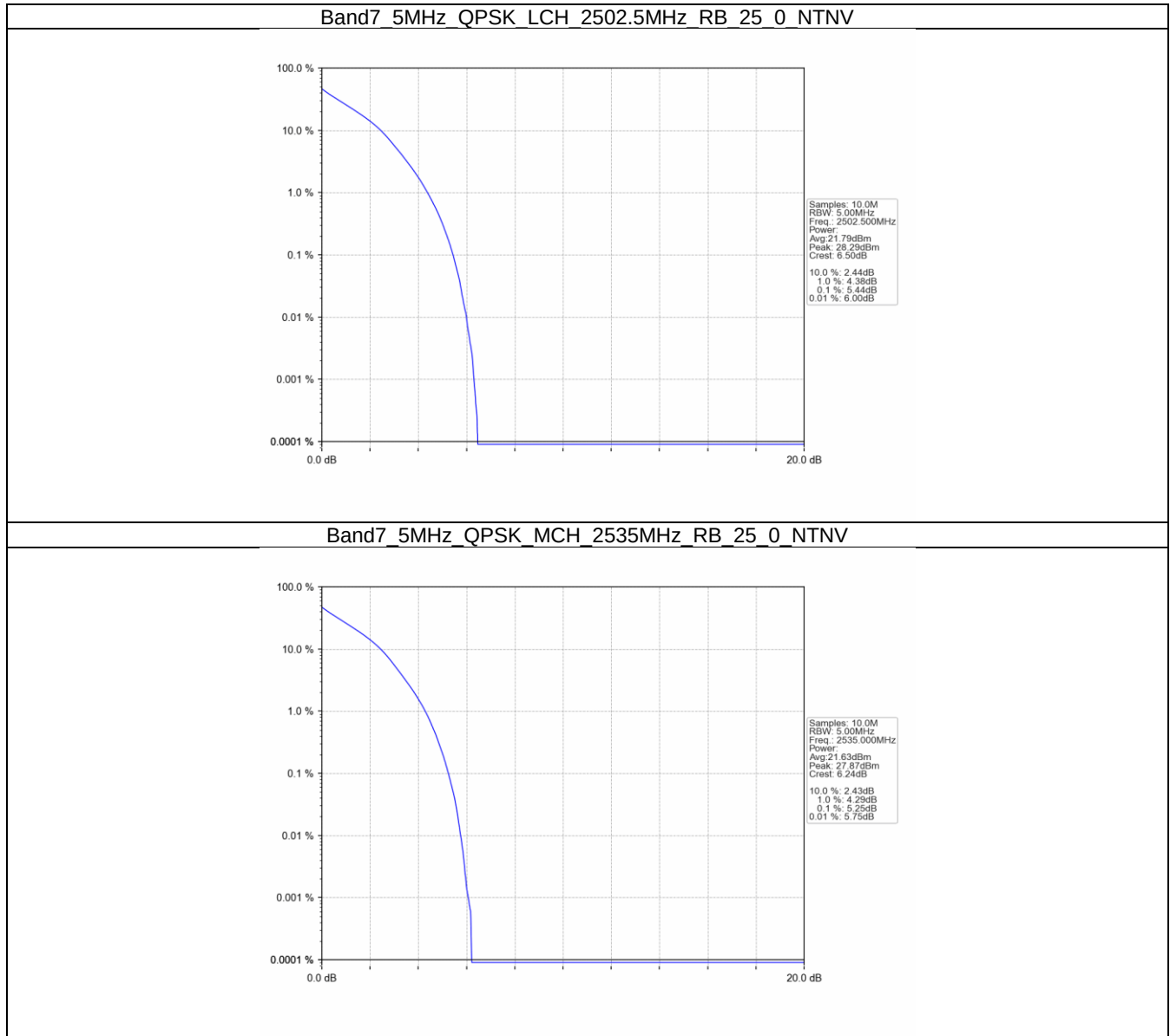
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.46	<=13	Pass
	2535	75	0	5.23	<=13	Pass
	2562.5	75	0	5.23	<=13	Pass
16QAM	2507.5	75	0	6.12	<=13	Pass
	2535	75	0	5.94	<=13	Pass
	2562.5	75	0	5.93	<=13	Pass

5.1.4 B7_20MHz

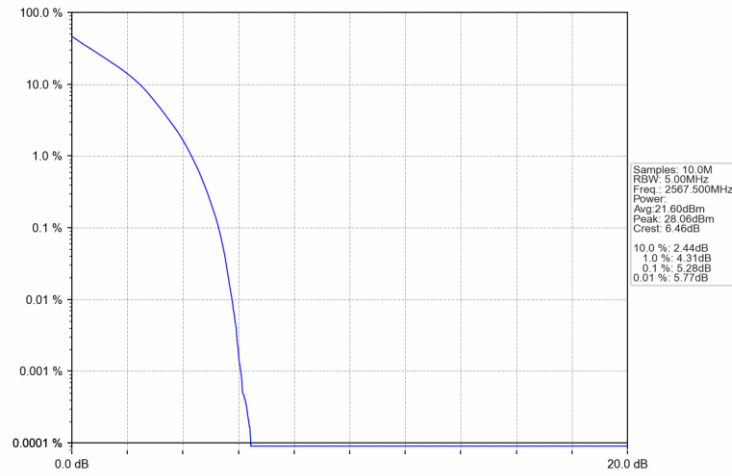
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.30	<=13	Pass
	2535	100	0	5.11	<=13	Pass
	2560	100	0	5.08	<=13	Pass
16QAM	2510	100	0	6.05	<=13	Pass
	2535	100	0	5.92	<=13	Pass
	2560	100	0	5.92	<=13	Pass

5.2 Test Graph

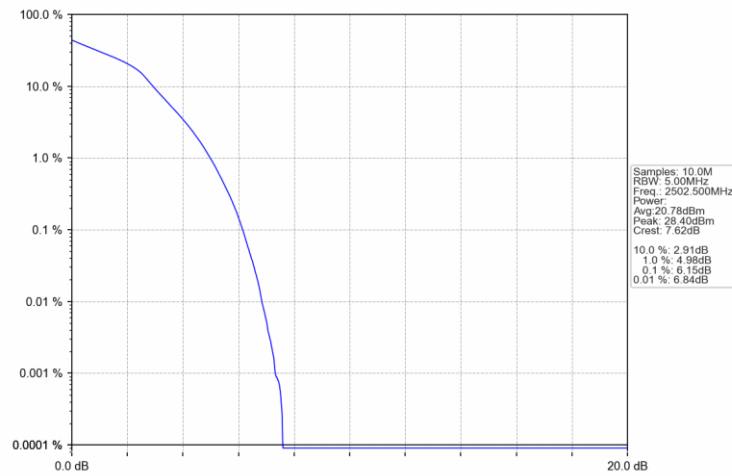
5.2.1 B7_5MHz



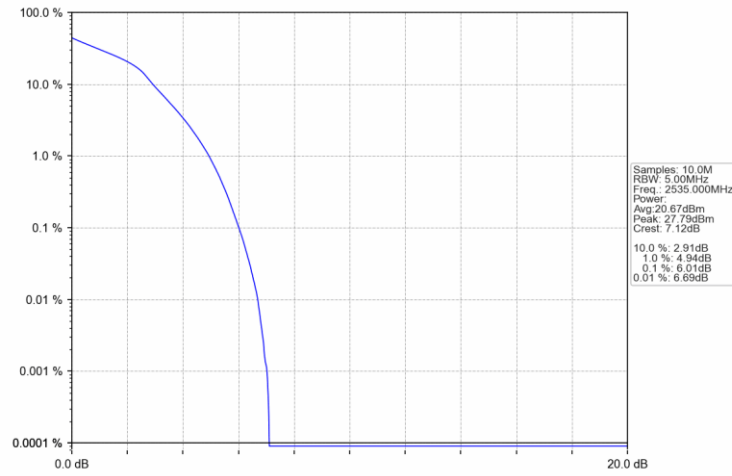
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



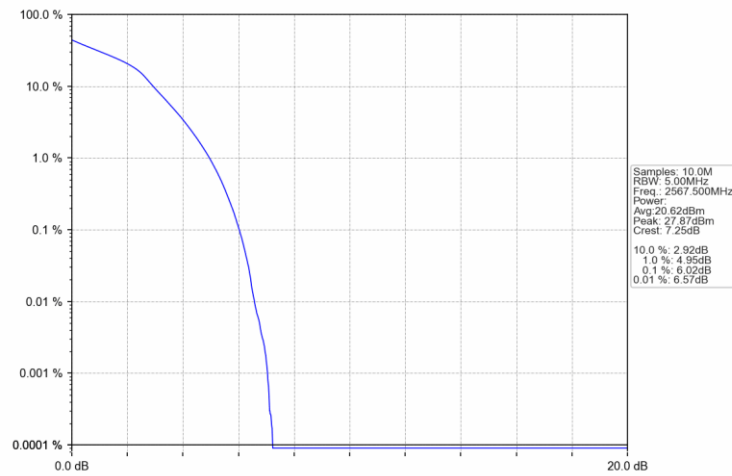
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



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

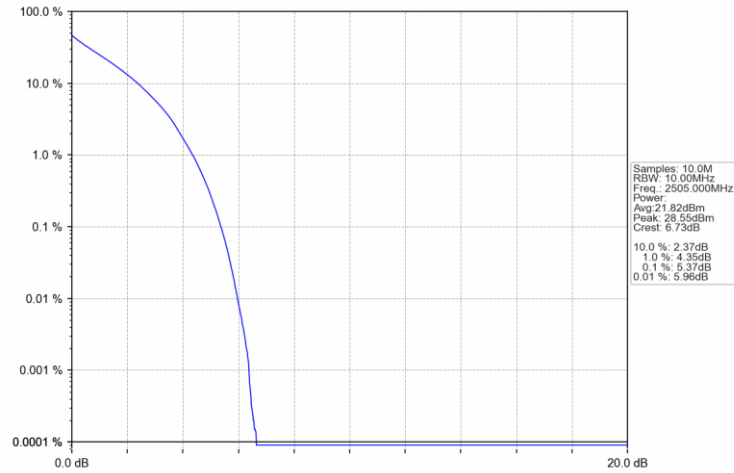


Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

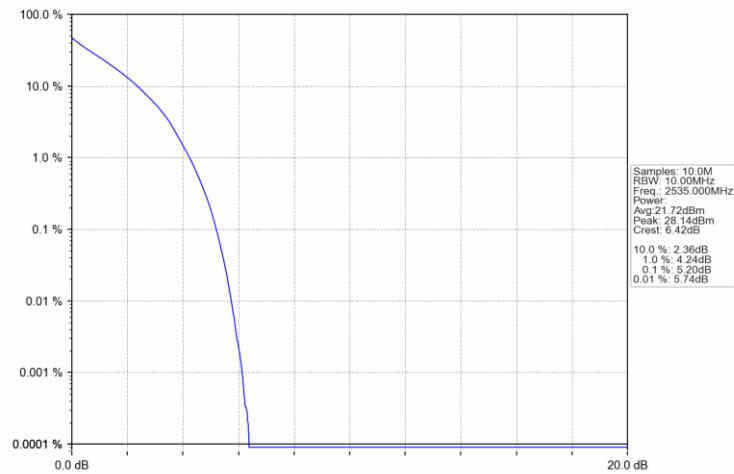


5.2.2 B7_10MHz

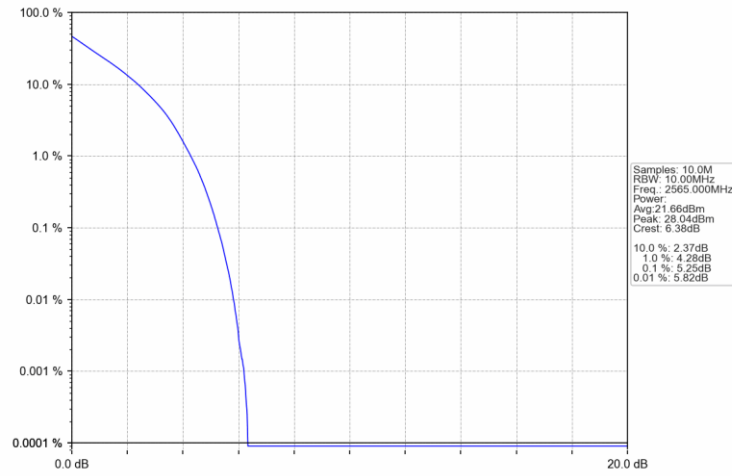
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



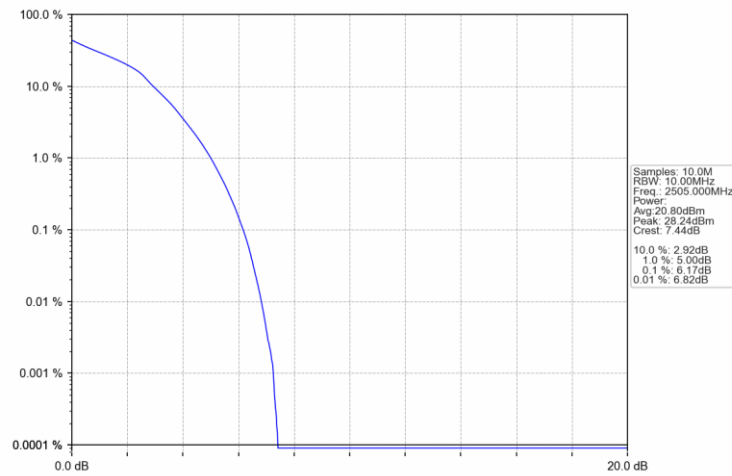
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTN



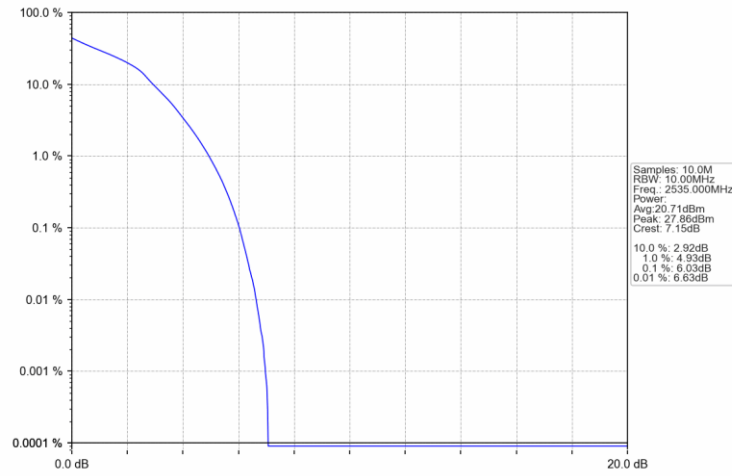
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



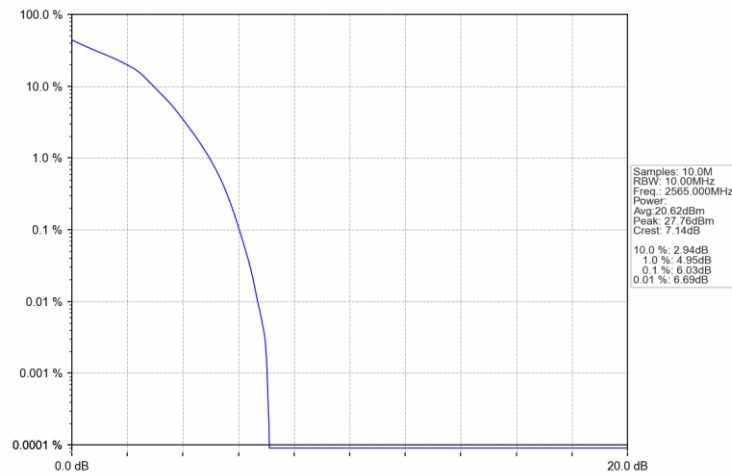
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



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

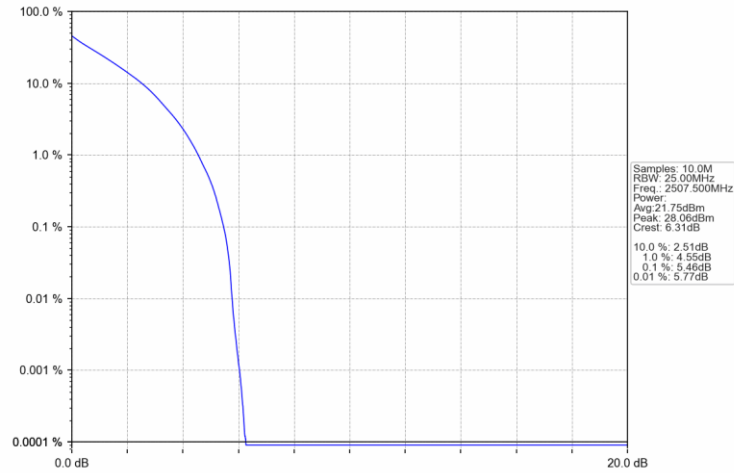


Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV

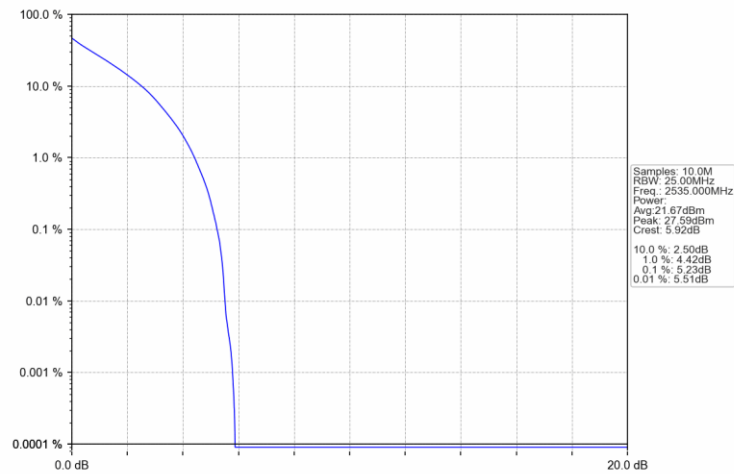


5.2.3 B7_15MHz

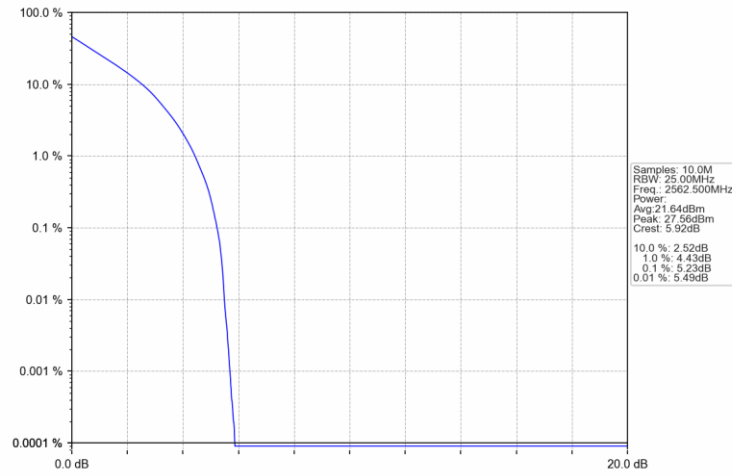
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



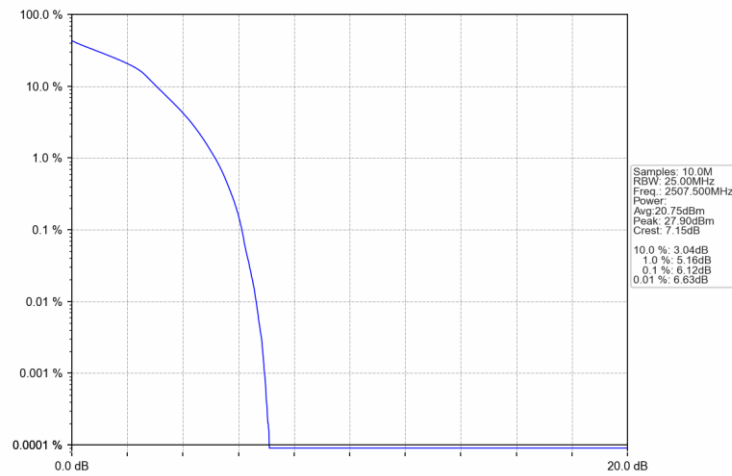
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



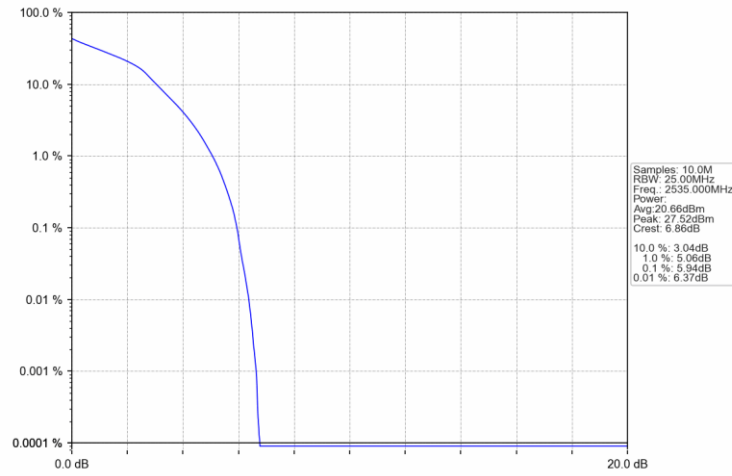
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



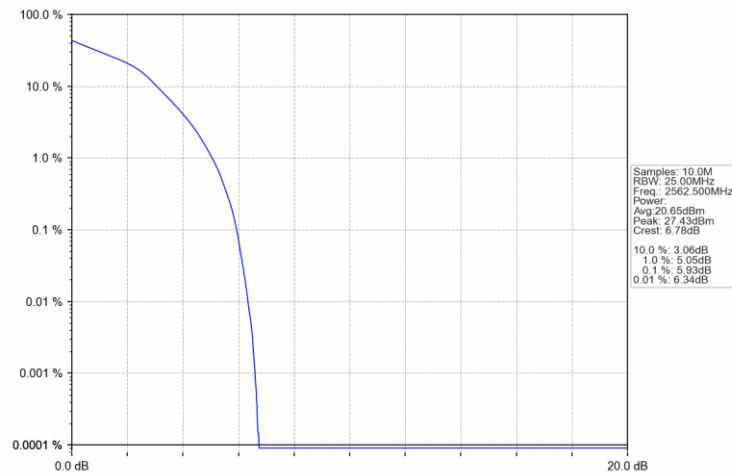
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

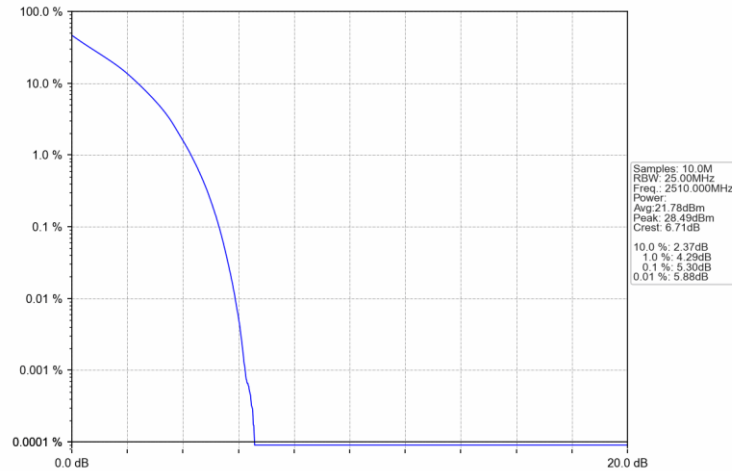


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

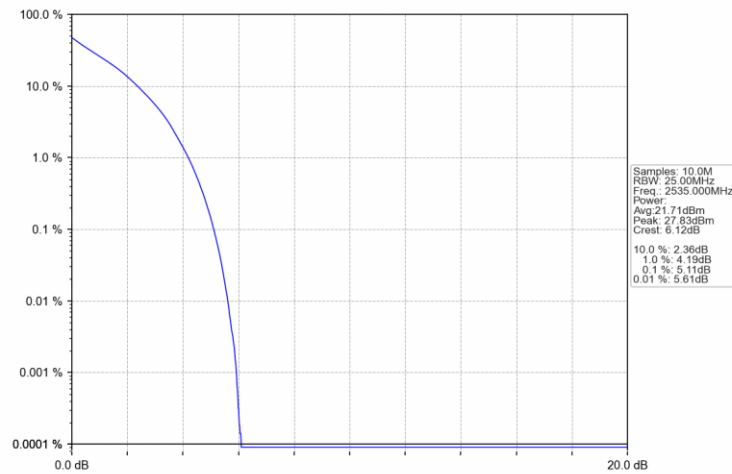


5.2.4 B7_20MHz

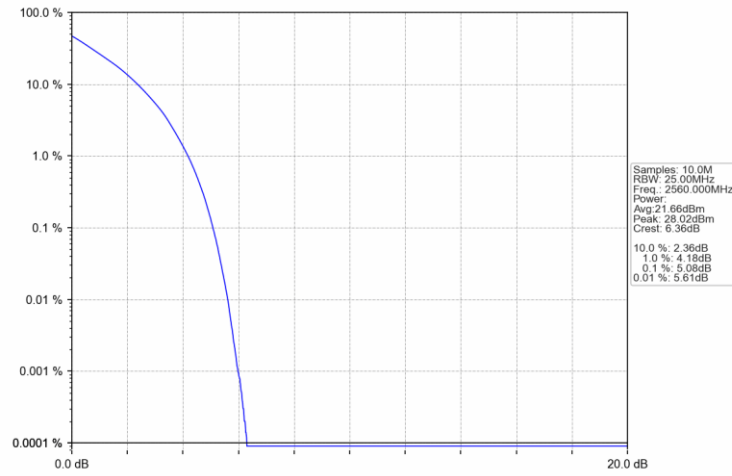
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



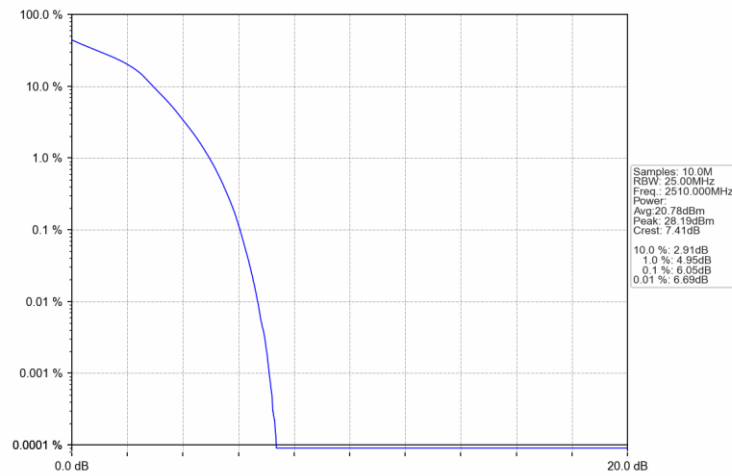
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



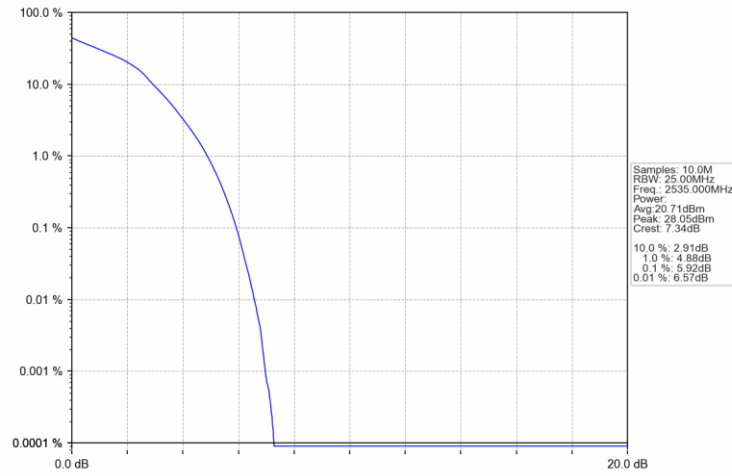
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



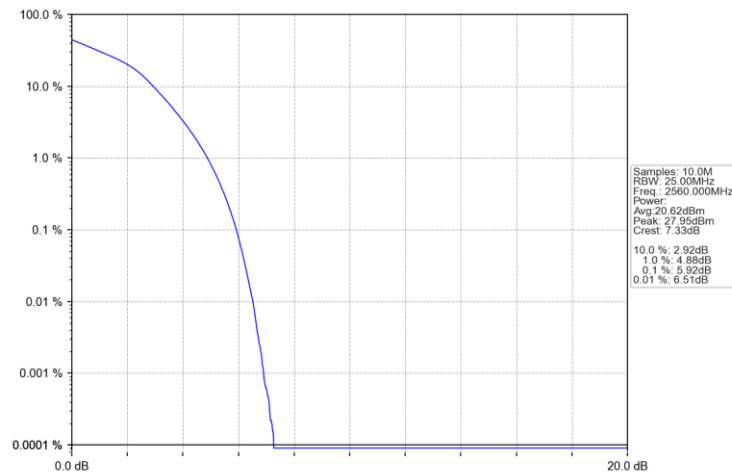
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 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 / NTVN						
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 / NTV						
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

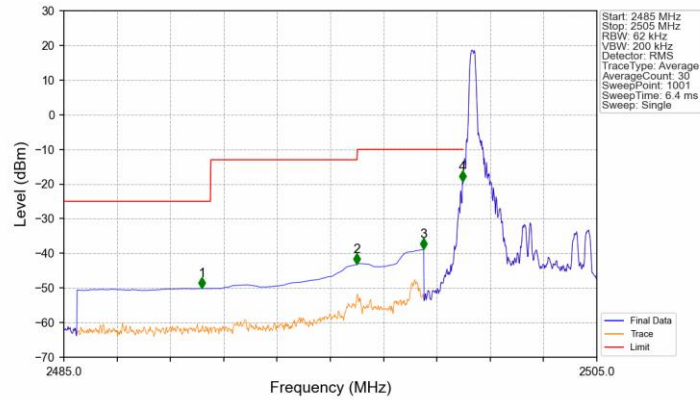
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / 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

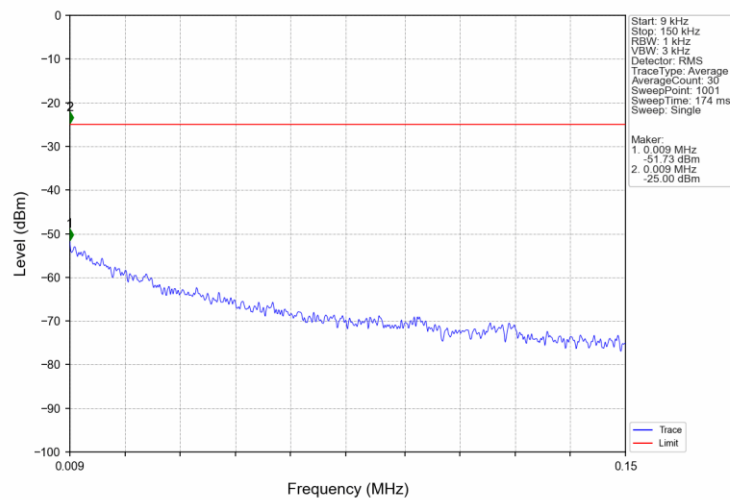
6.2 Test Graph

6.2.1 B7_5MHz

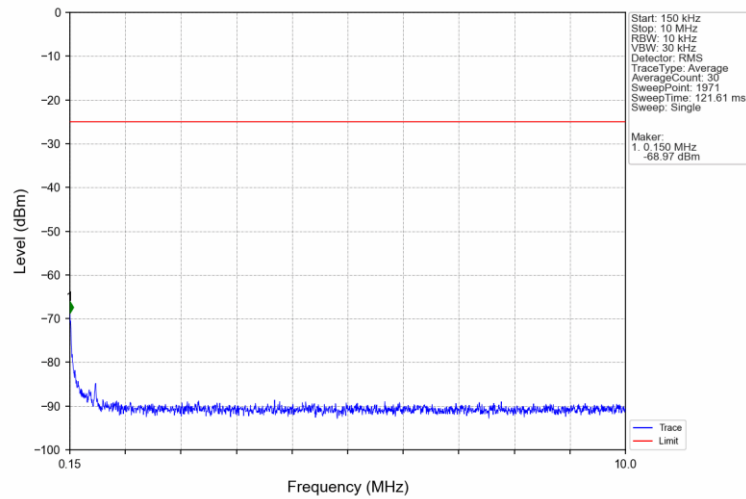
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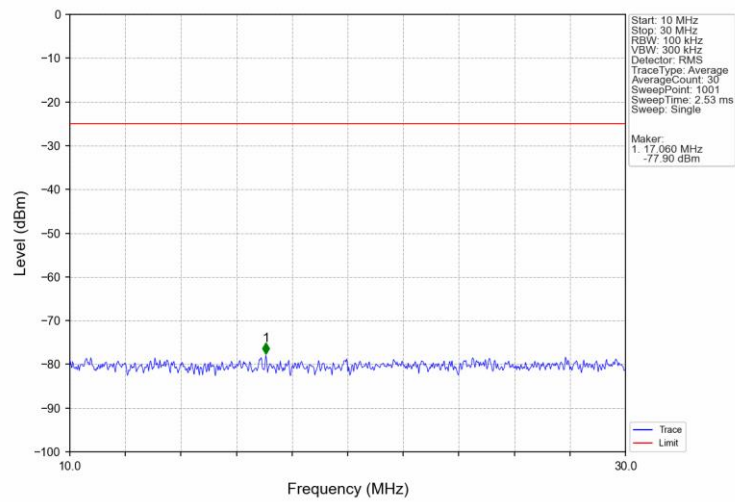
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



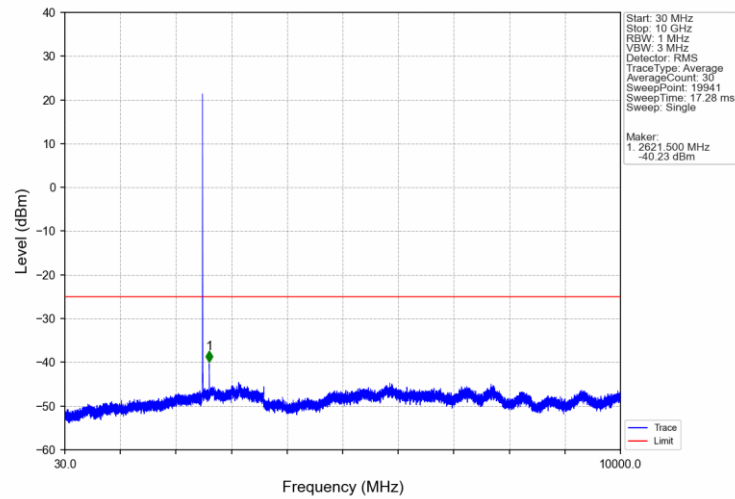
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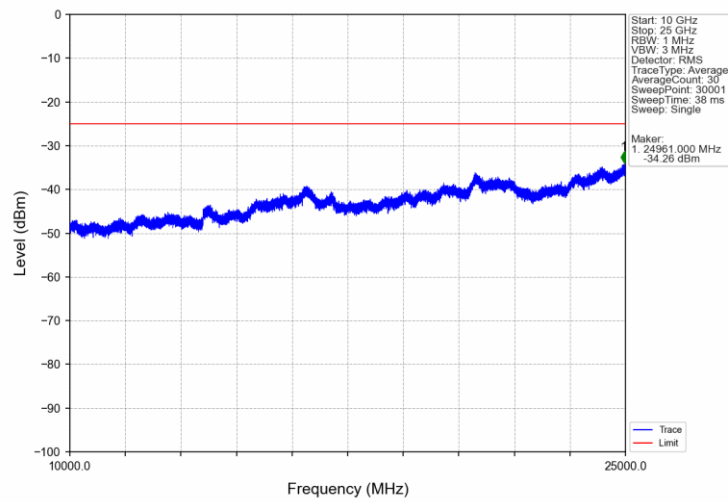
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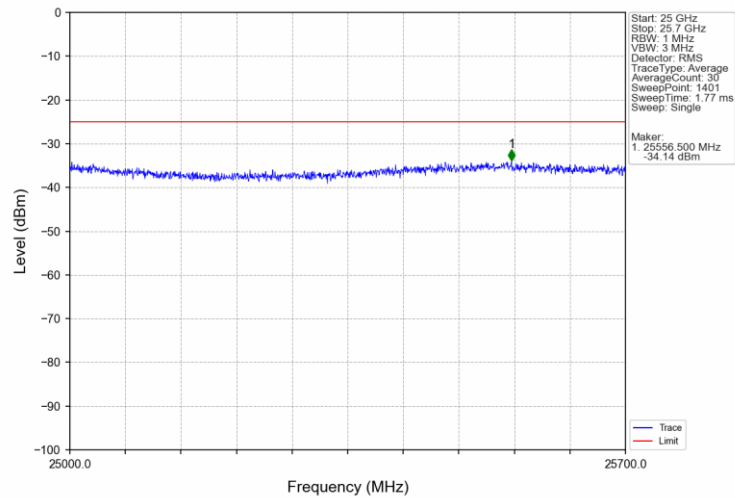
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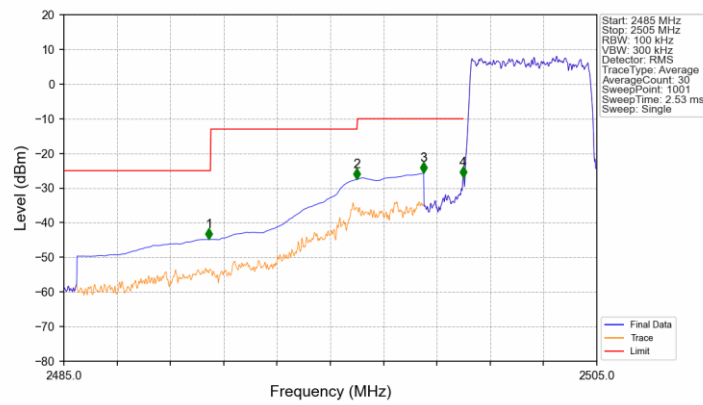
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_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	-44.82	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-27.50	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.72	-10	Pass
2499	2500	0.1	/	4	2499.980	-26.91	-10	Pass
2500	2505	0.1	/	/	/	/	/	/