

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	21.26	-3.19	18.07	<=33.01	Pass
			13	21.27	-3.19	18.08	<=33.01	Pass
			24	21.50	-3.19	18.31	<=33.01	Pass
		12	0	20.53	-3.19	17.34	<=33.01	Pass
			6	20.38	-3.19	17.19	<=33.01	Pass
			13	20.53	-3.19	17.34	<=33.01	Pass
		25	0	20.49	-3.19	17.30	<=33.01	Pass
	2535	1	0	21.46	-3.19	18.27	<=33.01	Pass
			13	21.41	-3.19	18.22	<=33.01	Pass
			24	21.44	-3.19	18.25	<=33.01	Pass
		12	0	20.49	-3.19	17.30	<=33.01	Pass
			6	20.43	-3.19	17.24	<=33.01	Pass
			13	20.39	-3.19	17.20	<=33.01	Pass
		25	0	20.46	-3.19	17.27	<=33.01	Pass
	2567.5	1	0	21.09	-3.19	17.90	<=33.01	Pass
			13	21.05	-3.19	17.86	<=33.01	Pass
			24	21.14	-3.19	17.95	<=33.01	Pass
		12	0	20.04	-3.19	16.85	<=33.01	Pass
			6	20.03	-3.19	16.84	<=33.01	Pass
			13	20.18	-3.19	16.99	<=33.01	Pass
		25	0	20.15	-3.19	16.96	<=33.01	Pass
16QAM	2502.5	1	0	21.11	-3.19	17.92	<=33.01	Pass
			13	21.08	-3.19	17.89	<=33.01	Pass
			24	21.15	-3.19	17.96	<=33.01	Pass
		12	0	19.58	-3.19	16.39	<=33.01	Pass
			6	19.57	-3.19	16.38	<=33.01	Pass
			13	19.57	-3.19	16.38	<=33.01	Pass
		25	0	19.65	-3.19	16.46	<=33.01	Pass
	2535	1	0	20.98	-3.19	17.79	<=33.01	Pass
			13	20.89	-3.19	17.70	<=33.01	Pass
			24	20.95	-3.19	17.76	<=33.01	Pass
		12	0	19.53	-3.19	16.34	<=33.01	Pass
			6	19.55	-3.19	16.36	<=33.01	Pass
			13	19.69	-3.19	16.50	<=33.01	Pass
		25	0	19.62	-3.19	16.43	<=33.01	Pass
	2567.5	1	0	19.83	-3.19	16.64	<=33.01	Pass
			13	19.78	-3.19	16.59	<=33.01	Pass
			24	19.83	-3.19	16.64	<=33.01	Pass
		12	0	19.13	-3.19	15.94	<=33.01	Pass
			6	19.15	-3.19	15.96	<=33.01	Pass
			13	19.11	-3.19	15.92	<=33.01	Pass
		25	0	19.21	-3.19	16.02	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	21.40	-3.19	18.21	<=33.01	Pass
			25	21.42	-3.19	18.23	<=33.01	Pass
			49	21.42	-3.19	18.23	<=33.01	Pass
		25	0	20.58	-3.19	17.39	<=33.01	Pass
			13	20.54	-3.19	17.35	<=33.01	Pass
			25	20.42	-3.19	17.23	<=33.01	Pass
		50	0	20.54	-3.19	17.35	<=33.01	Pass
	2535	1	0	21.44	-3.19	18.25	<=33.01	Pass
			25	21.42	-3.19	18.23	<=33.01	Pass
			49	21.44	-3.19	18.25	<=33.01	Pass
		25	0	20.51	-3.19	17.32	<=33.01	Pass
			13	20.52	-3.19	17.33	<=33.01	Pass
			25	20.58	-3.19	17.39	<=33.01	Pass
		50	0	20.55	-3.19	17.36	<=33.01	Pass
	2565	1	0	21.20	-3.19	18.01	<=33.01	Pass
			25	21.22	-3.19	18.03	<=33.01	Pass
			49	21.19	-3.19	18.00	<=33.01	Pass
		25	0	20.12	-3.19	16.93	<=33.01	Pass
			13	20.10	-3.19	16.91	<=33.01	Pass
			25	20.12	-3.19	16.93	<=33.01	Pass
		50	0	20.12	-3.19	16.93	<=33.01	Pass
16QAM	2505	1	0	21.42	-3.19	18.23	<=33.01	Pass
			25	21.45	-3.19	18.26	<=33.01	Pass
			49	21.47	-3.19	18.28	<=33.01	Pass
		25	0	19.63	-3.19	16.44	<=33.01	Pass
			13	19.64	-3.19	16.45	<=33.01	Pass
			25	19.72	-3.19	16.53	<=33.01	Pass
		50	0	19.62	-3.19	16.43	<=33.01	Pass
	2535	1	0	20.47	-3.19	17.28	<=33.01	Pass
			25	20.45	-3.19	17.26	<=33.01	Pass
			49	20.42	-3.19	17.23	<=33.01	Pass
		25	0	19.73	-3.19	16.54	<=33.01	Pass
			13	19.70	-3.19	16.51	<=33.01	Pass
			25	19.73	-3.19	16.54	<=33.01	Pass
		50	0	19.56	-3.19	16.37	<=33.01	Pass
	2565	1	0	20.79	-3.19	17.60	<=33.01	Pass
			25	20.78	-3.19	17.59	<=33.01	Pass
			49	20.78	-3.19	17.59	<=33.01	Pass
		25	0	19.35	-3.19	16.16	<=33.01	Pass
			13	19.36	-3.19	16.17	<=33.01	Pass
			25	19.27	-3.19	16.08	<=33.01	Pass
		50	0	19.38	-3.19	16.19	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	21.28	-3.19	18.09	<=33.01	Pass
			38	21.34	-3.19	18.15	<=33.01	Pass
			74	21.37	-3.19	18.18	<=33.01	Pass
		36	0	20.49	-3.19	17.30	<=33.01	Pass
			18	20.49	-3.19	17.30	<=33.01	Pass
			39	20.50	-3.19	17.31	<=33.01	Pass
		75	0	20.56	-3.19	17.37	<=33.01	Pass

16QAM	2535	1	0	21.37	-3.19	18.18	<=33.01	Pass
			38	21.36	-3.19	18.17	<=33.01	Pass
			74	21.42	-3.19	18.23	<=33.01	Pass
		36	0	20.56	-3.19	17.37	<=33.01	Pass
			18	20.47	-3.19	17.28	<=33.01	Pass
			39	20.37	-3.19	17.18	<=33.01	Pass
		75	0	20.50	-3.19	17.31	<=33.01	Pass
	2562.5	1	0	21.19	-3.19	18.00	<=33.01	Pass
			38	21.21	-3.19	18.02	<=33.01	Pass
			74	21.13	-3.19	17.94	<=33.01	Pass
		36	0	20.18	-3.19	16.99	<=33.01	Pass
			18	20.22	-3.19	17.03	<=33.01	Pass
			39	20.12	-3.19	16.93	<=33.01	Pass
		75	0	20.24	-3.19	17.05	<=33.01	Pass
	2507.5	1	0	21.38	-3.19	18.19	<=33.01	Pass
			38	21.37	-3.19	18.18	<=33.01	Pass
			74	21.39	-3.19	18.20	<=33.01	Pass
		36	0	19.60	-3.19	16.41	<=33.01	Pass
			18	19.62	-3.19	16.43	<=33.01	Pass
			39	19.74	-3.19	16.55	<=33.01	Pass
		75	0	19.51	-3.19	16.32	<=33.01	Pass
	2535	1	0	21.38	-3.19	18.19	<=33.01	Pass
			38	21.43	-3.19	18.24	<=33.01	Pass
			74	21.35	-3.19	18.16	<=33.01	Pass
		36	0	19.57	-3.19	16.38	<=33.01	Pass
			18	19.55	-3.19	16.36	<=33.01	Pass
			39	19.55	-3.19	16.36	<=33.01	Pass
		75	0	19.59	-3.19	16.40	<=33.01	Pass
	2562.5	1	0	20.95	-3.19	17.76	<=33.01	Pass
			38	20.91	-3.19	17.72	<=33.01	Pass
			74	21.46	-3.19	18.27	<=33.01	Pass
		36	0	19.24	-3.19	16.05	<=33.01	Pass
			18	19.24	-3.19	16.05	<=33.01	Pass
			39	19.24	-3.19	16.05	<=33.01	Pass
		75	0	19.28	-3.19	16.09	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	21.30	-3.19	18.11	<=33.01	Pass
			50	21.33	-3.19	18.14	<=33.01	Pass
			99	21.39	-3.19	18.20	<=33.01	Pass
		50	0	20.37	-3.19	17.18	<=33.01	Pass
			25	20.48	-3.19	17.29	<=33.01	Pass
			50	20.54	-3.19	17.35	<=33.01	Pass
		100	0	20.37	-3.19	17.18	<=33.01	Pass
	2535	1	0	21.39	-3.19	18.20	<=33.01	Pass
			50	21.45	-3.19	18.26	<=33.01	Pass
			99	21.42	-3.19	18.23	<=33.01	Pass
		50	0	20.42	-3.19	17.23	<=33.01	Pass
			25	20.54	-3.19	17.35	<=33.01	Pass
			50	20.42	-3.19	17.23	<=33.01	Pass
		100	0	20.44	-3.19	17.25	<=33.01	Pass
	2560	1	0	21.42	-3.19	18.23	<=33.01	Pass
			50	21.44	-3.19	18.25	<=33.01	Pass

16QAM	2510	50	99	21.36	-3.19	18.17	<=33.01	Pass
			0	20.31	-3.19	17.12	<=33.01	Pass
			25	20.24	-3.19	17.05	<=33.01	Pass
			50	20.22	-3.19	17.03	<=33.01	Pass
		100	0	20.30	-3.19	17.11	<=33.01	Pass
	2535	1	0	20.79	-3.19	17.60	<=33.01	Pass
			50	20.90	-3.19	17.71	<=33.01	Pass
			99	21.01	-3.19	17.82	<=33.01	Pass
			0	19.64	-3.19	16.45	<=33.01	Pass
		50	25	19.67	-3.19	16.48	<=33.01	Pass
			50	19.67	-3.19	16.48	<=33.01	Pass
			0	19.54	-3.19	16.35	<=33.01	Pass
		100	0	19.54	-3.19	16.35	<=33.01	Pass
		1	0	21.81	-3.19	18.62	<=33.01	Pass
			50	21.82	-3.19	18.63	<=33.01	Pass
			99	21.78	-3.19	18.59	<=33.01	Pass
			0	19.58	-3.19	16.39	<=33.01	Pass
	2560	50	25	19.53	-3.19	16.34	<=33.01	Pass
			50	19.54	-3.19	16.35	<=33.01	Pass
			0	19.63	-3.19	16.44	<=33.01	Pass
		1	0	21.04	-3.19	17.85	<=33.01	Pass
			50	21.05	-3.19	17.86	<=33.01	Pass
			99	20.98	-3.19	17.79	<=33.01	Pass
			0	19.33	-3.19	16.14	<=33.01	Pass
		50	25	19.41	-3.19	16.22	<=33.01	Pass
			50	19.34	-3.19	16.15	<=33.01	Pass
			0	19.26	-3.19	16.07	<=33.01	Pass
		100	0	19.26	-3.19	16.07	<=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	-16.079	-0.0064	-2.5 to 2.5	Pass
					3.85	5.922	0.0024	-2.5 to 2.5	Pass
					4.43	32.001	0.0128	-2.5 to 2.5	Pass
				-30	3.85	14.577	0.0058	-2.5 to 2.5	Pass
				-20	3.85	30.098	0.0120	-2.5 to 2.5	Pass
				-10	3.85	34.933	0.0140	-2.5 to 2.5	Pass
				0	3.85	33.131	0.0132	-2.5 to 2.5	Pass
				10	3.85	26.464	0.0106	-2.5 to 2.5	Pass
				30	3.85	13.661	0.0055	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-25.921	-0.0104	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-18.954	-0.0075	-2.5 to 2.5	Pass
					3.85	-16.007	-0.0063	-2.5 to 2.5	Pass
					4.43	-13.146	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.632	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.661	0.0010	-2.5 to 2.5	Pass
				10	3.85	9.813	0.0039	-2.5 to 2.5	Pass

16QAM	2567.5	25	0	30	3.85	17.567	0.0069	-2.5 to 2.5	Pass
				40	3.85	19.197	0.0076	-2.5 to 2.5	Pass
				50	3.85	26.393	0.0104	-2.5 to 2.5	Pass
				20	3.27	-7.567	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0011	-2.5 to 2.5	Pass
					4.43	-5.264	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	6.967	0.0027	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-9.913	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-20.099	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-36.378	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-24.891	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-37.508	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-45.176	-0.0176	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-10.042	-0.0040	-2.5 to 2.5	Pass
					3.85	-34.261	-0.0137	-2.5 to 2.5	Pass
					4.43	-47.321	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-13.518	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-30.756	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-39.711	-0.0159	-2.5 to 2.5	Pass
				0	3.85	10.214	0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-12.245	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-15.192	-0.0061	-2.5 to 2.5	Pass
	2535	25	0	50	3.85	-19.999	-0.0080	-2.5 to 2.5	Pass
				20	3.27	17.066	0.0067	-2.5 to 2.5	Pass
					3.85	38.867	0.0153	-2.5 to 2.5	Pass
					4.43	44.775	0.0177	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.758	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				10	3.85	7.081	0.0028	-2.5 to 2.5	Pass
				30	3.85	15.893	0.0063	-2.5 to 2.5	Pass
	2567.5	25	0	40	3.85	18.797	0.0074	-2.5 to 2.5	Pass
				50	3.85	24.433	0.0096	-2.5 to 2.5	Pass
				20	3.27	-17.223	-0.0067	-2.5 to 2.5	Pass
					3.85	-22.173	-0.0086	-2.5 to 2.5	Pass
					4.43	-27.795	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-36.278	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-43.173	-0.0168	-2.5 to 2.5	Pass
				-10	3.85	-52.357	-0.0204	-2.5 to 2.5	Pass
				0	3.85	-18.640	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-24.319	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-22.545	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-29.068	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-40.083	-0.0156	-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	-14.362	-0.0057	-2.5 to 2.5	Pass
					3.85	-15.264	-0.0061	-2.5 to 2.5	Pass
					4.43	-14.391	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-9.656	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	0.315	0.0001	-2.5 to 2.5	Pass

				-10	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-20.270	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-32.344	-0.0129	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-22.130	-0.0088	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-32.444	-0.0128	-2.5 to 2.5	Pass
					3.85	-12.002	-0.0047	-2.5 to 2.5	Pass
					4.43	5.364	0.0021	-2.5 to 2.5	Pass
				-30	3.85	30.098	0.0119	-2.5 to 2.5	Pass
				-20	3.85	26.464	0.0104	-2.5 to 2.5	Pass
				-10	3.85	17.867	0.0070	-2.5 to 2.5	Pass
				0	3.85	31.171	0.0123	-2.5 to 2.5	Pass
				10	3.85	37.694	0.0149	-2.5 to 2.5	Pass
				30	3.85	44.646	0.0176	-2.5 to 2.5	Pass
				40	3.85	29.912	0.0118	-2.5 to 2.5	Pass
				50	3.85	31.114	0.0123	-2.5 to 2.5	Pass
				20	3.27	-7.424	-0.0029	-2.5 to 2.5	Pass
					3.85	-15.664	-0.0061	-2.5 to 2.5	Pass
					4.43	3.977	0.0016	-2.5 to 2.5	Pass
	2565	50	0	-30	3.85	17.996	0.0070	-2.5 to 2.5	Pass
				-20	3.85	12.288	0.0048	-2.5 to 2.5	Pass
				-10	3.85	3.633	0.0014	-2.5 to 2.5	Pass
				0	3.85	-16.551	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-34.018	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-15.020	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-33.789	-0.0132	-2.5 to 2.5	Pass
				50	3.85	2.360	0.0009	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-38.710	-0.0155	-2.5 to 2.5	Pass
					3.85	14.105	0.0056	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-17.438	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-28.281	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-31.257	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-35.577	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-33.402	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-31.171	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-26.407	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-36.821	-0.0147	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	41.356	0.0163	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0020	-2.5 to 2.5	Pass
					4.43	5.422	0.0021	-2.5 to 2.5	Pass
				-30	3.85	11.930	0.0047	-2.5 to 2.5	Pass
				-20	3.85	28.296	0.0112	-2.5 to 2.5	Pass
				-10	3.85	31.071	0.0123	-2.5 to 2.5	Pass
				0	3.85	47.965	0.0189	-2.5 to 2.5	Pass
				10	3.85	22.702	0.0090	-2.5 to 2.5	Pass
				30	3.85	26.793	0.0106	-2.5 to 2.5	Pass
				40	3.85	36.278	0.0143	-2.5 to 2.5	Pass
				50	3.85	36.764	0.0145	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-7.567	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
					4.43	-10.600	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-17.180	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-21.930	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-33.188	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-32.172	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-38.452	-0.0150	-2.5 to 2.5	Pass
				30	3.85	8.211	0.0032	-2.5 to 2.5	Pass

				40	3.85	16.694	0.0065	-2.5 to 2.5	Pass
				50	3.85	7.882	0.0031	-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	-6.709	-0.0027	-2.5 to 2.5	Pass
					3.85	-11.086	-0.0044	-2.5 to 2.5	Pass
					4.43	2.174	0.0009	-2.5 to 2.5	Pass
				-30	3.85	12.102	0.0048	-2.5 to 2.5	Pass
				-20	3.85	23.289	0.0093	-2.5 to 2.5	Pass
				-10	3.85	36.764	0.0147	-2.5 to 2.5	Pass
				0	3.85	33.045	0.0132	-2.5 to 2.5	Pass
				10	3.85	13.289	0.0053	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-15.349	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-32.415	-0.0129	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-5.093	-0.0020	-2.5 to 2.5	Pass
					3.85	4.306	0.0017	-2.5 to 2.5	Pass
					4.43	15.221	0.0060	-2.5 to 2.5	Pass
				-30	3.85	19.255	0.0076	-2.5 to 2.5	Pass
				-20	3.85	42.086	0.0166	-2.5 to 2.5	Pass
				-10	3.85	44.003	0.0174	-2.5 to 2.5	Pass
				0	3.85	-9.212	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.903	-0.0008	-2.5 to 2.5	Pass
				50	3.85	6.008	0.0024	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-12.188	-0.0048	-2.5 to 2.5	Pass
					3.85	-11.787	-0.0046	-2.5 to 2.5	Pass
					4.43	9.785	0.0038	-2.5 to 2.5	Pass
				-30	3.85	13.990	0.0055	-2.5 to 2.5	Pass
				-20	3.85	12.474	0.0049	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-15.764	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-27.237	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-43.545	-0.0174	-2.5 to 2.5	Pass
					3.85	-37.365	-0.0149	-2.5 to 2.5	Pass
					4.43	-17.838	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-3.934	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0011	-2.5 to 2.5	Pass
				0	3.85	4.020	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				50	3.85	4.005	0.0016	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	13.661	0.0054	-2.5 to 2.5	Pass
					3.85	23.832	0.0094	-2.5 to 2.5	Pass
					4.43	22.259	0.0088	-2.5 to 2.5	Pass
				-30	3.85	20.700	0.0082	-2.5 to 2.5	Pass
				-20	3.85	23.346	0.0092	-2.5 to 2.5	Pass
				-10	3.85	20.514	0.0081	-2.5 to 2.5	Pass

				0	3.85	34.561	0.0136	-2.5 to 2.5	Pass
				10	3.85	45.176	0.0178	-2.5 to 2.5	Pass
				30	3.85	19.655	0.0078	-2.5 to 2.5	Pass
				40	3.85	31.614	0.0125	-2.5 to 2.5	Pass
				50	3.85	42.801	0.0169	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-46.506	-0.0181	-2.5 to 2.5	Pass
					3.85	-40.455	-0.0158	-2.5 to 2.5	Pass
					4.43	-20.199	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-21.601	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-24.347	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-18.411	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-17.967	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-14.148	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-10.042	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0033	-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	-7.410	-0.0030	-2.5 to 2.5	Pass
					3.85	-13.132	-0.0052	-2.5 to 2.5	Pass
					4.43	9.570	0.0038	-2.5 to 2.5	Pass
				-30	3.85	23.160	0.0092	-2.5 to 2.5	Pass
				-20	3.85	29.454	0.0117	-2.5 to 2.5	Pass
				-10	3.85	16.007	0.0064	-2.5 to 2.5	Pass
				0	3.85	-11.730	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-19.856	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-30.756	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-39.554	-0.0158	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-36.306	-0.0143	-2.5 to 2.5	Pass
					3.85	-15.278	-0.0060	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.851	0.0023	-2.5 to 2.5	Pass
				-20	3.85	23.975	0.0095	-2.5 to 2.5	Pass
				-10	3.85	27.924	0.0110	-2.5 to 2.5	Pass
				0	3.85	28.553	0.0113	-2.5 to 2.5	Pass
				10	3.85	29.969	0.0118	-2.5 to 2.5	Pass
				30	3.85	28.009	0.0110	-2.5 to 2.5	Pass
				40	3.85	1.888	0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-19.054	-0.0074	-2.5 to 2.5	Pass
					3.85	-11.916	-0.0047	-2.5 to 2.5	Pass
					4.43	4.449	0.0017	-2.5 to 2.5	Pass
				-30	3.85	10.157	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-10.614	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-19.484	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-34.046	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-44.703	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-25.434	-0.0099	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-35.605	-0.0142	-2.5 to 2.5	Pass
					3.85	-33.231	-0.0132	-2.5 to 2.5	Pass
					4.43	-39.039	-0.0156	-2.5 to 2.5	Pass

				-30	3.85	14.749	0.0059	-2.5 to 2.5	Pass
				-20	3.85	13.833	0.0055	-2.5 to 2.5	Pass
				-10	3.85	14.892	0.0059	-2.5 to 2.5	Pass
				0	3.85	13.189	0.0053	-2.5 to 2.5	Pass
				10	3.85	15.264	0.0061	-2.5 to 2.5	Pass
				30	3.85	24.962	0.0099	-2.5 to 2.5	Pass
				40	3.85	27.866	0.0111	-2.5 to 2.5	Pass
				50	3.85	36.564	0.0146	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	3.104	0.0012	-2.5 to 2.5	Pass
					3.85	17.824	0.0070	-2.5 to 2.5	Pass
					4.43	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0005	-2.5 to 2.5	Pass
				-20	3.85	14.591	0.0058	-2.5 to 2.5	Pass
				-10	3.85	27.938	0.0110	-2.5 to 2.5	Pass
				0	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				10	3.85	4.807	0.0019	-2.5 to 2.5	Pass
				30	3.85	8.883	0.0035	-2.5 to 2.5	Pass
				40	3.85	30.413	0.0120	-2.5 to 2.5	Pass
				50	3.85	42.787	0.0169	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-0.801	-0.0003	-2.5 to 2.5	Pass
					3.85	-17.667	-0.0069	-2.5 to 2.5	Pass
					4.43	-32.215	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-34.847	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	17.982	0.0070	-2.5 to 2.5	Pass
				-10	3.85	22.588	0.0088	-2.5 to 2.5	Pass
				0	3.85	20.185	0.0079	-2.5 to 2.5	Pass
				10	3.85	29.655	0.0116	-2.5 to 2.5	Pass
				30	3.85	28.911	0.0113	-2.5 to 2.5	Pass
				40	3.85	25.363	0.0099	-2.5 to 2.5	Pass
				50	3.85	38.037	0.0149	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

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

3.1.2 B7_10MHz

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

3.1.3 B7_15MHz

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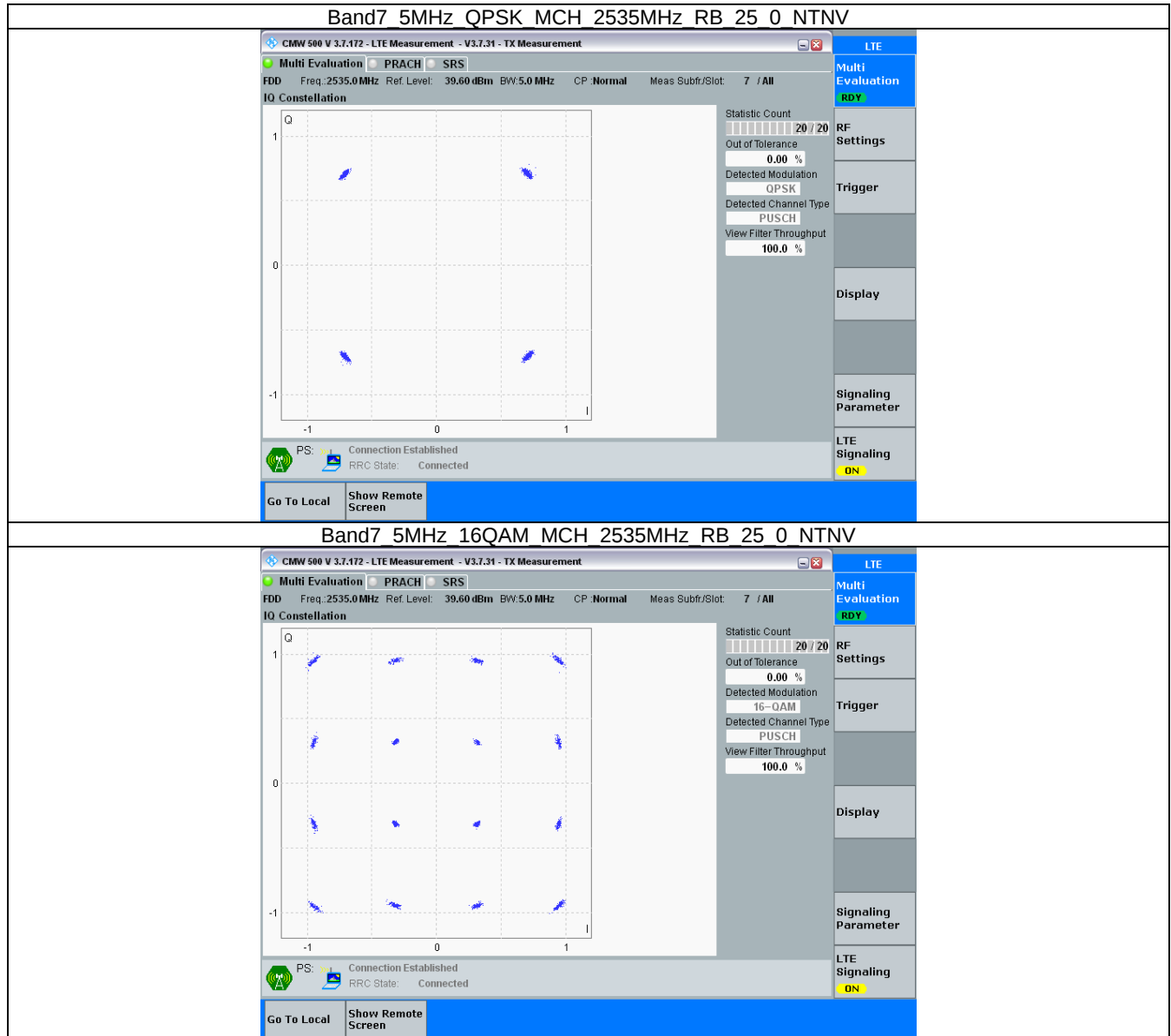
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

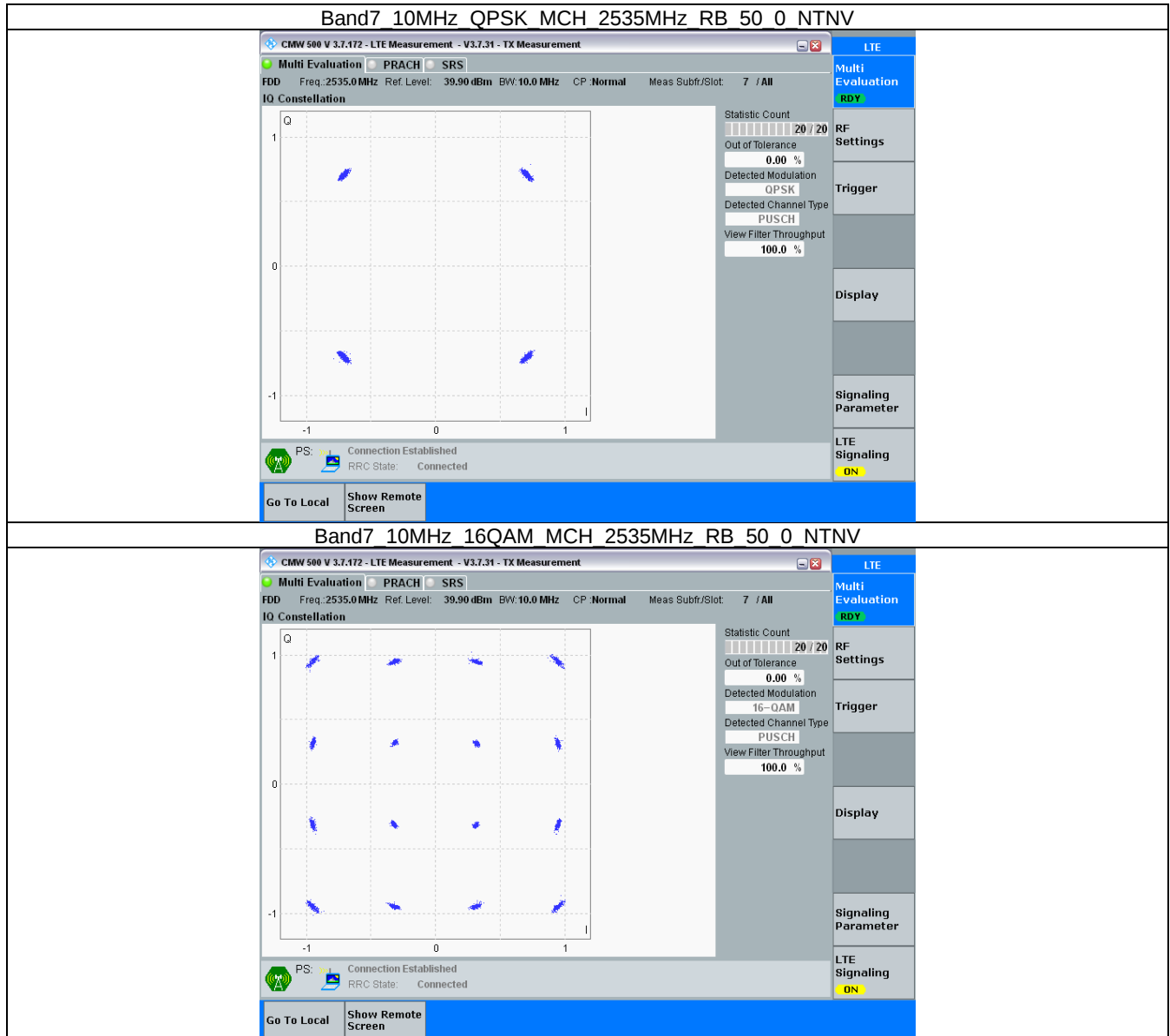
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

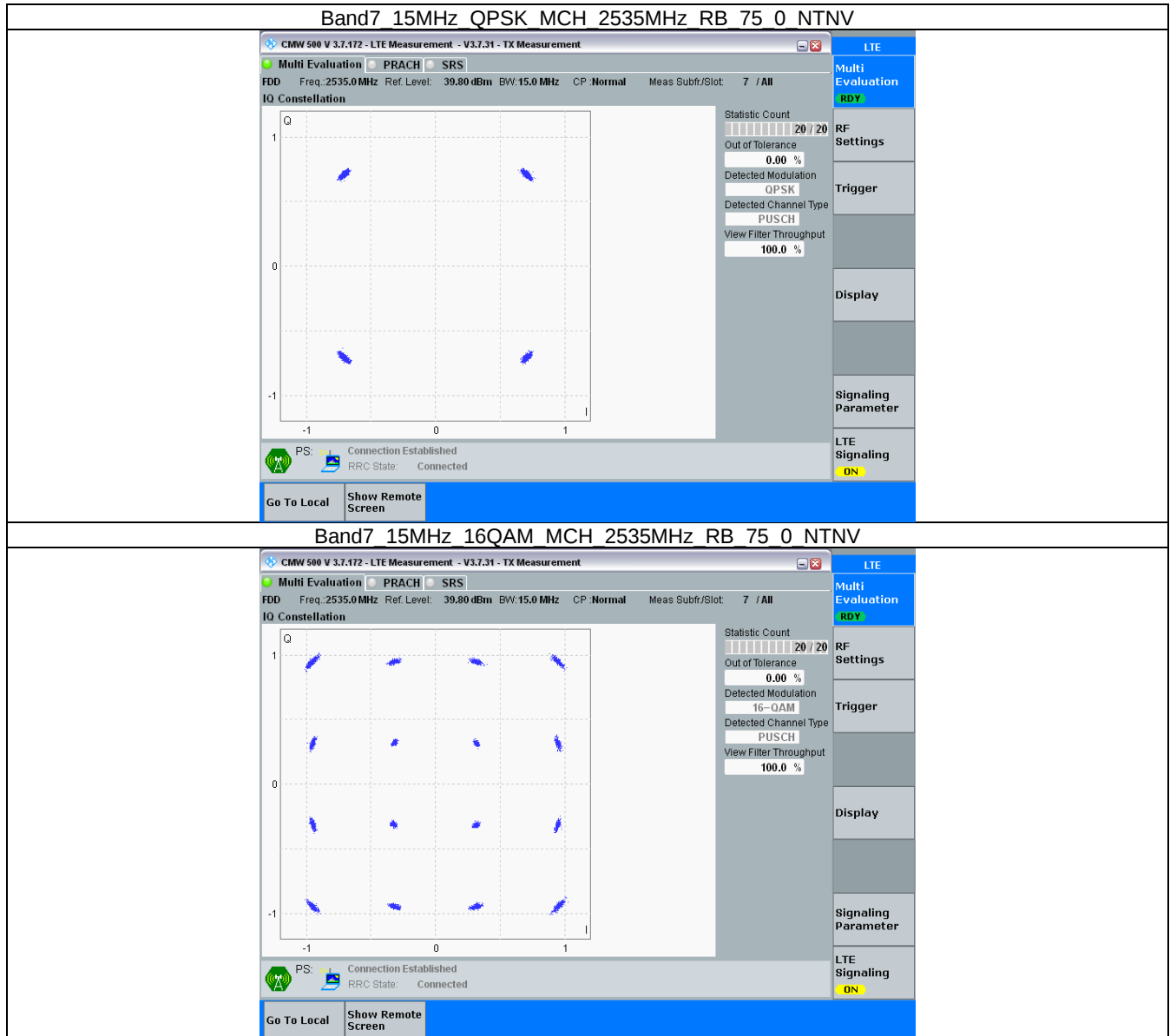
3.2.1 B7_5MHz



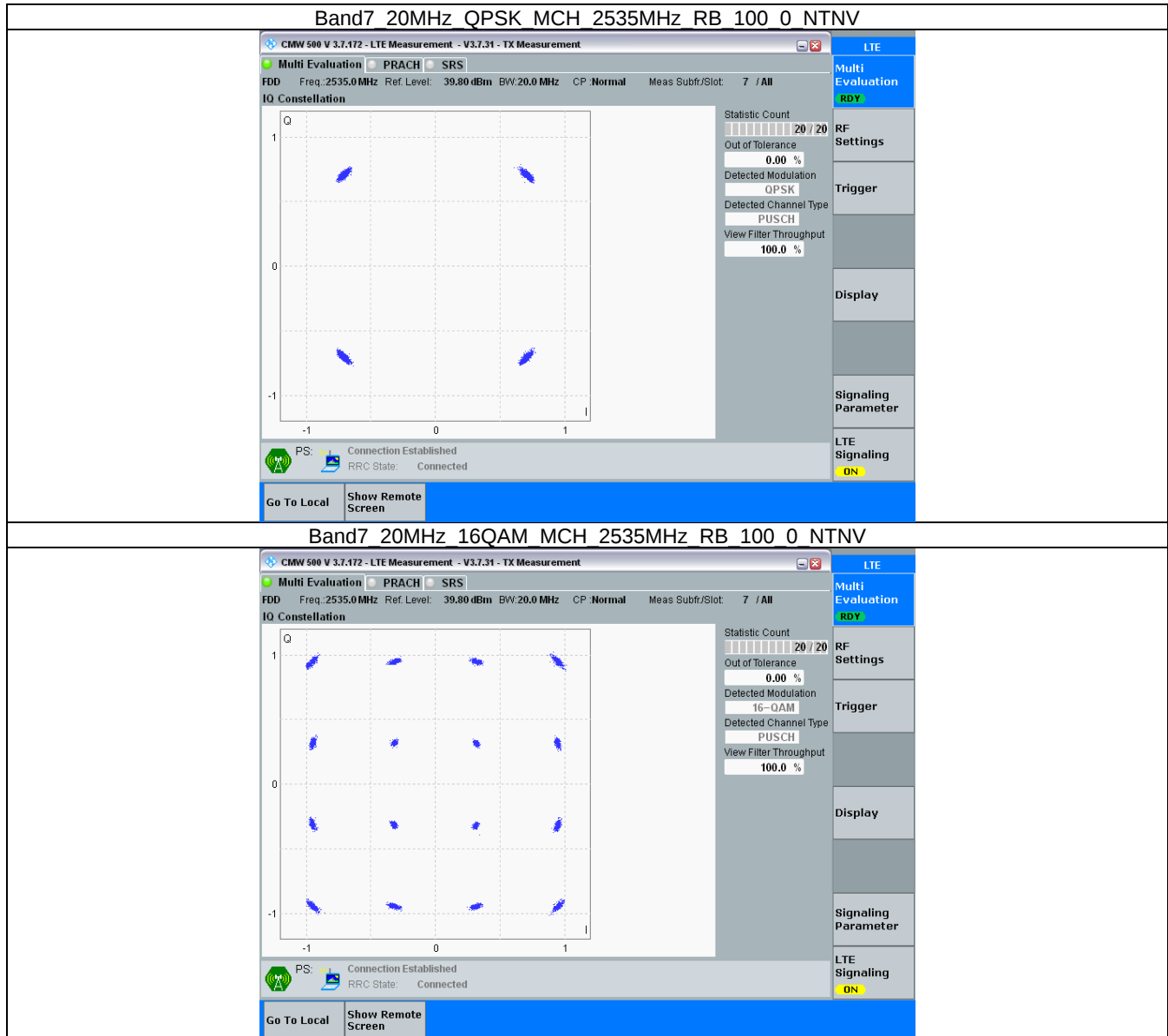
3.2.2 B7_10MHz



3.2.3 B7_15MHz



3.2.4 B7_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

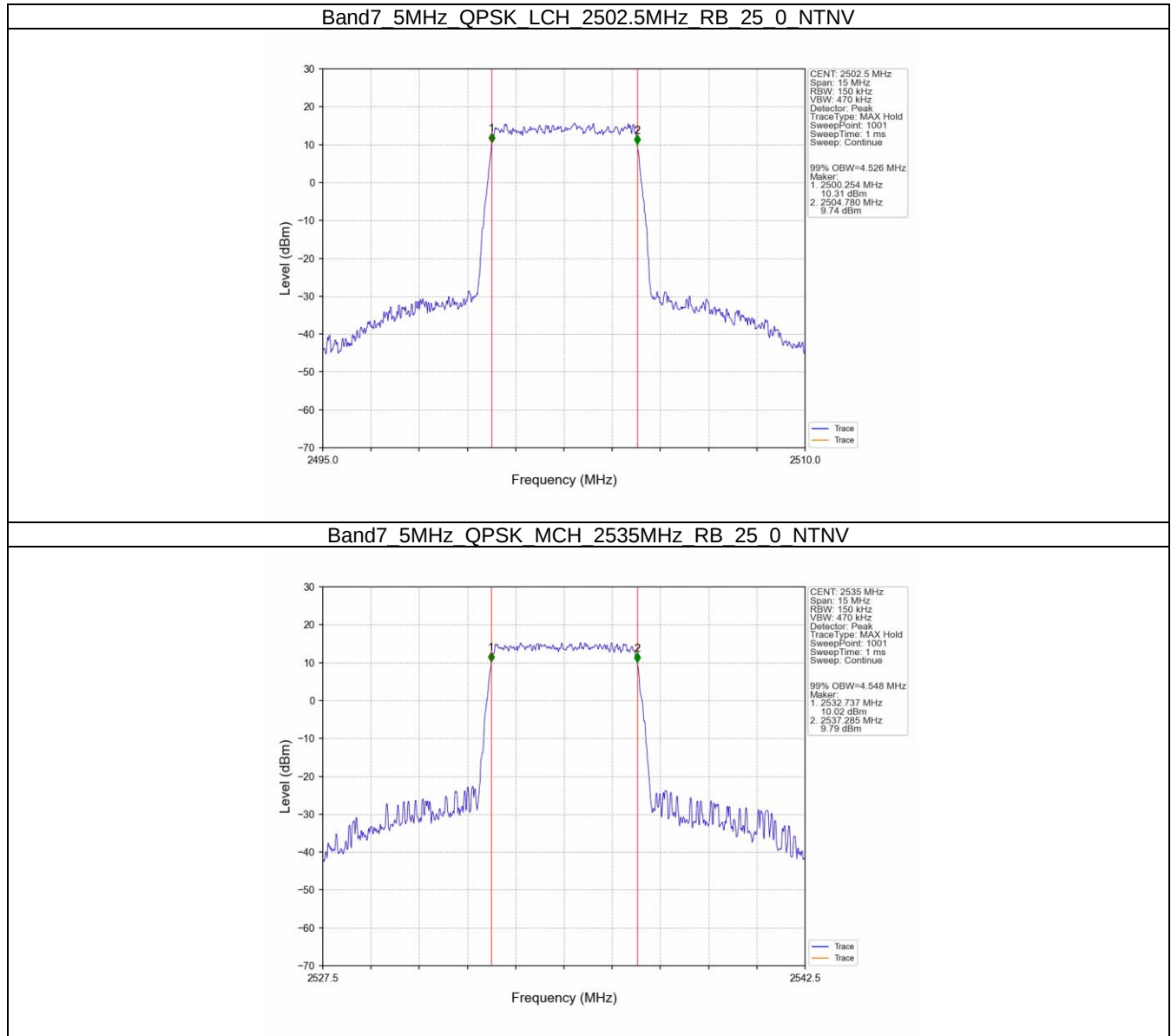
4.1.1 Band7_OBW

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	4.526	/	Pass
		2535	25	0	4.548	/	Pass
		2567.5	25	0	4.585	/	Pass
	16QAM	2502.5	25	0	4.578	/	Pass
		2535	25	0	4.572	/	Pass
		2567.5	25	0	4.529	/	Pass
10	QPSK	2505	50	0	8.984	/	Pass
		2535	50	0	9.061	/	Pass
		2565	50	0	9.049	/	Pass
	16QAM	2505	50	0	9.071	/	Pass
		2535	50	0	9.062	/	Pass
		2565	50	0	9.045	/	Pass
15	QPSK	2507.5	75	0	13.615	/	Pass
		2535	75	0	13.600	/	Pass
		2562.5	75	0	13.566	/	Pass
	16QAM	2507.5	75	0	13.556	/	Pass
		2535	75	0	13.598	/	Pass
		2562.5	75	0	13.572	/	Pass
20	QPSK	2510	100	0	18.130	/	Pass
		2535	100	0	18.169	/	Pass
		2560	100	0	18.214	/	Pass
	16QAM	2510	100	0	18.233	/	Pass
		2535	100	0	18.144	/	Pass
		2560	100	0	18.103	/	Pass

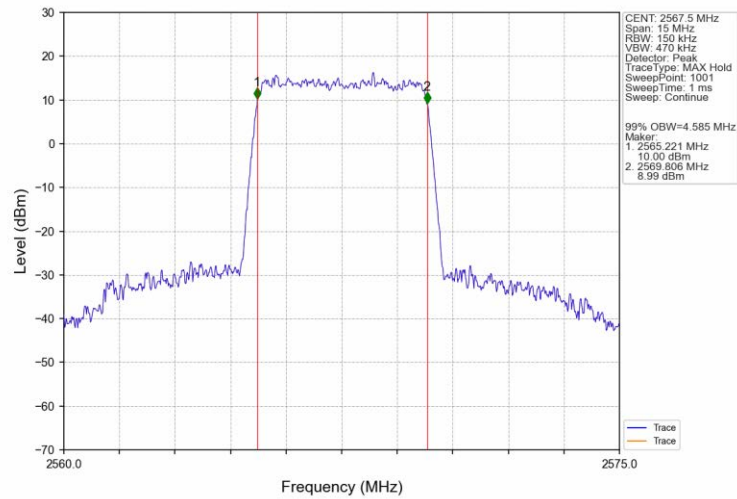
4.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.043	/	Pass
		2535	25	0	5.047	/	Pass
		2567.5	25	0	5.045	/	Pass
	16QAM	2502.5	25	0	5.039	/	Pass
		2535	25	0	5.064	/	Pass
		2567.5	25	0	5.054	/	Pass
10	QPSK	2505	50	0	9.641	/	Pass
		2535	50	0	10.055	/	Pass
		2565	50	0	10.074	/	Pass
	16QAM	2505	50	0	10.002	/	Pass
		2535	50	0	10.000	/	Pass
		2565	50	0	10.063	/	Pass
15	QPSK	2507.5	75	0	15.178	/	Pass
		2535	75	0	15.144	/	Pass
		2562.5	75	0	15.135	/	Pass

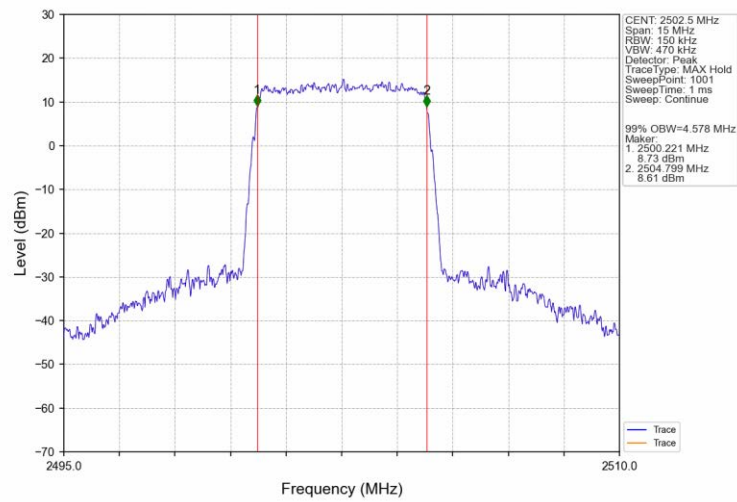
20	16QAM	2507.5	75	0	15.201	/	Pass
		2535	75	0	15.175	/	Pass
		2562.5	75	0	15.181	/	Pass
	QPSK	2510	100	0	19.971	/	Pass
		2535	100	0	20.024	/	Pass
		2560	100	0	19.902	/	Pass
	16QAM	2510	100	0	20.028	/	Pass
		2535	100	0	19.963	/	Pass
		2560	100	0	20.003	/	Pass



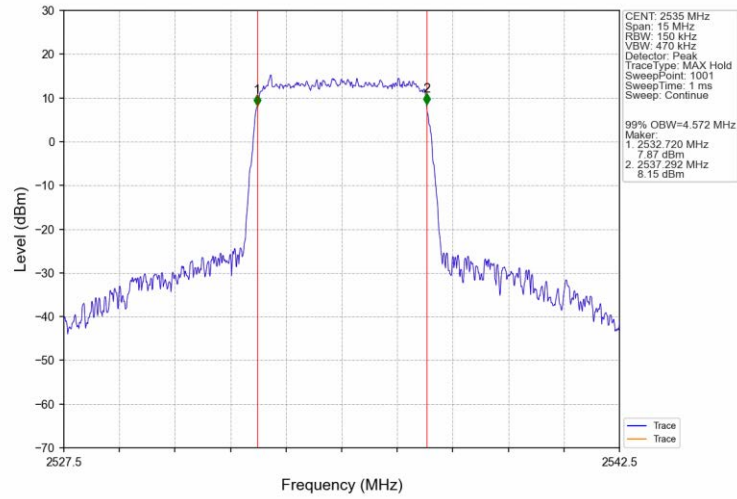
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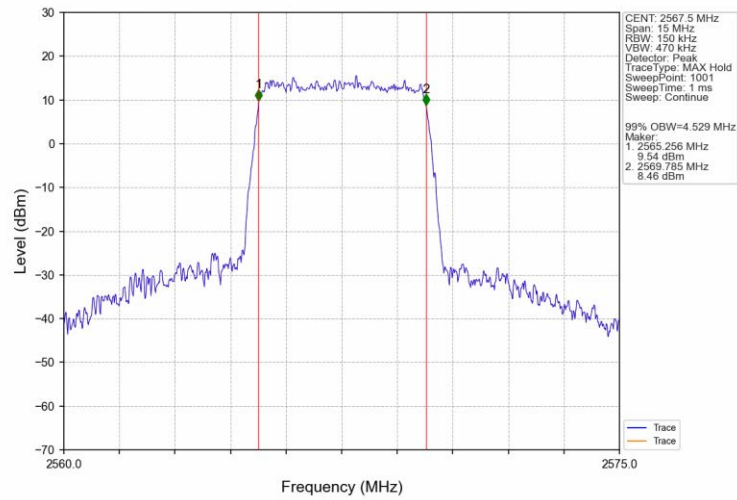
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



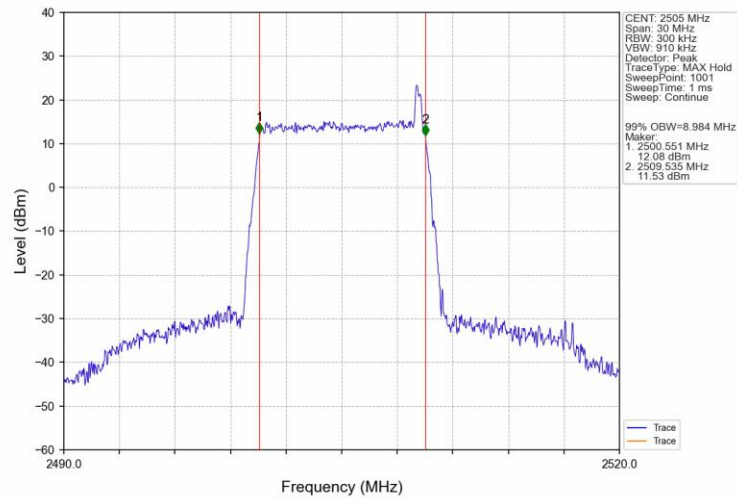
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



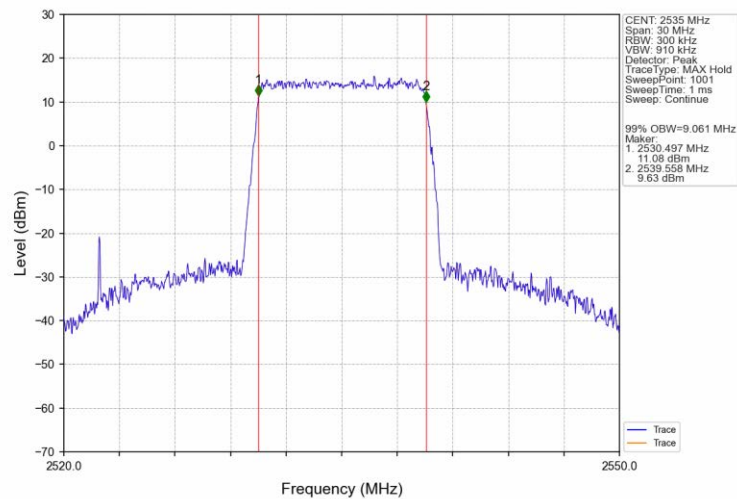
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



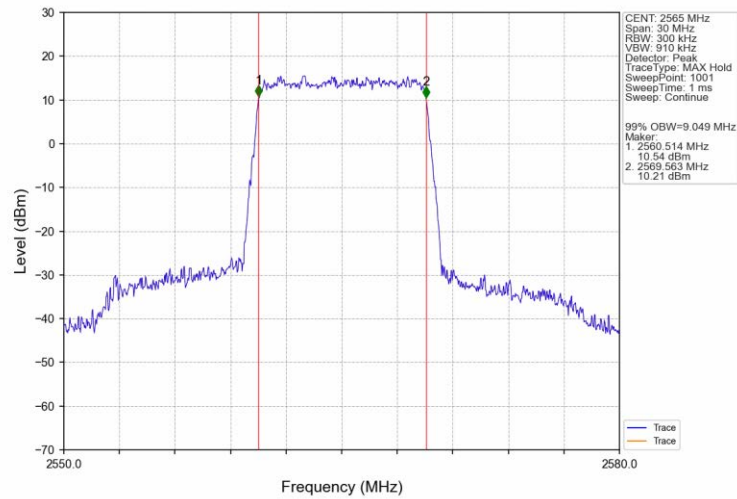
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



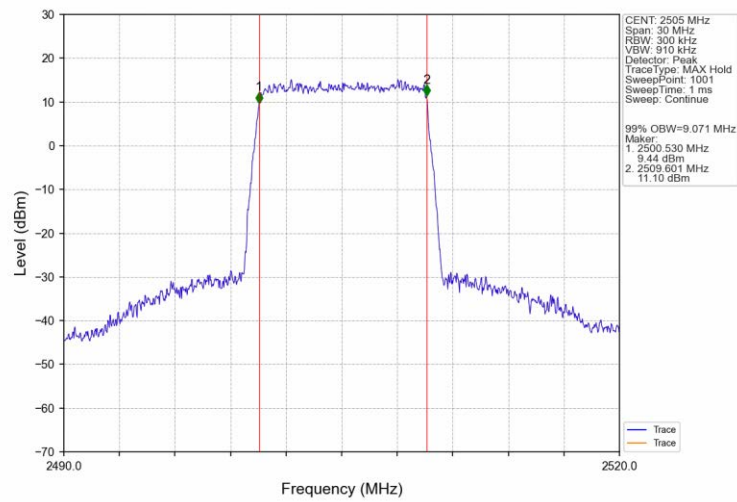
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



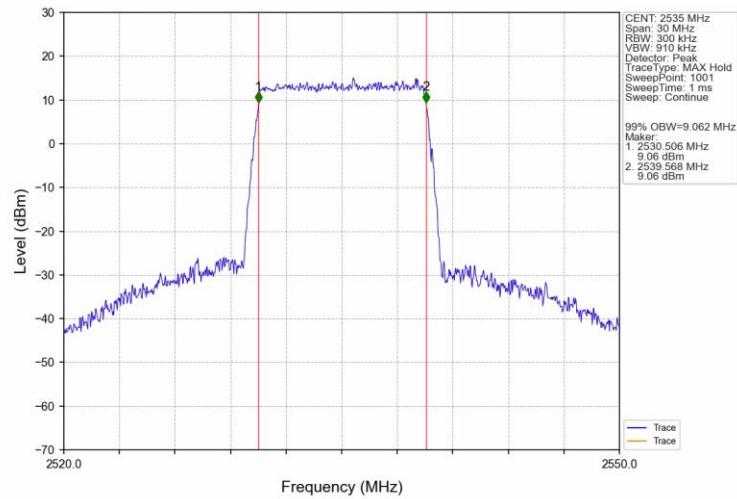
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



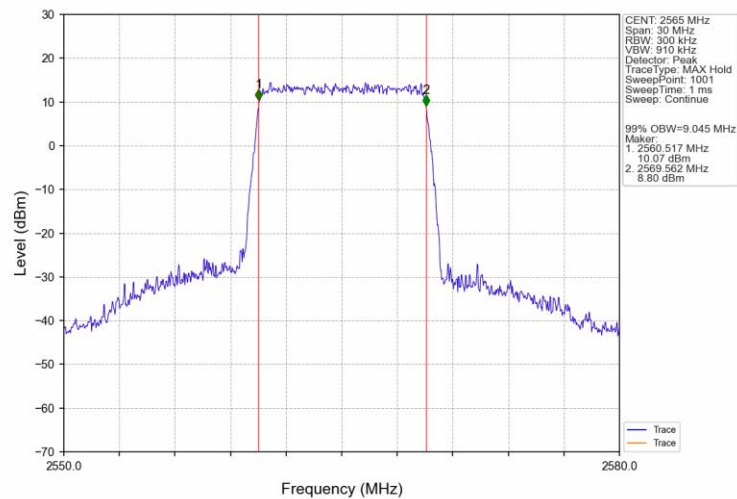
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



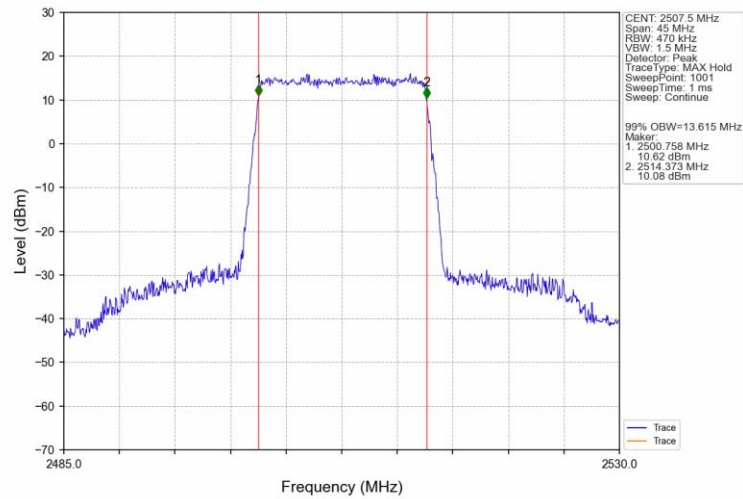
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



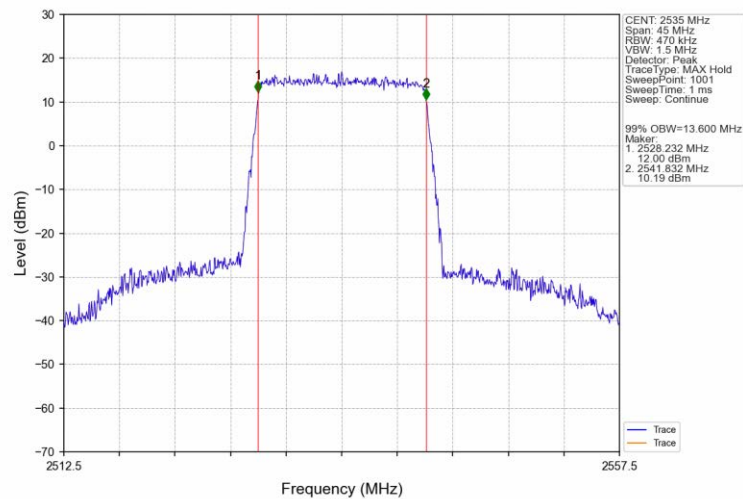
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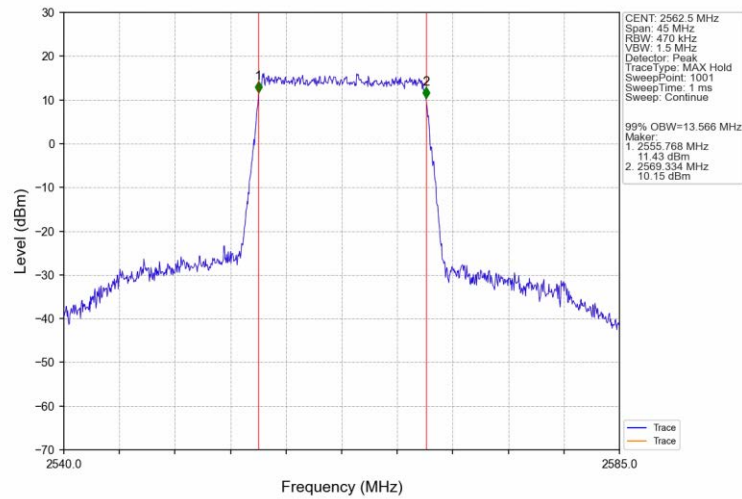
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



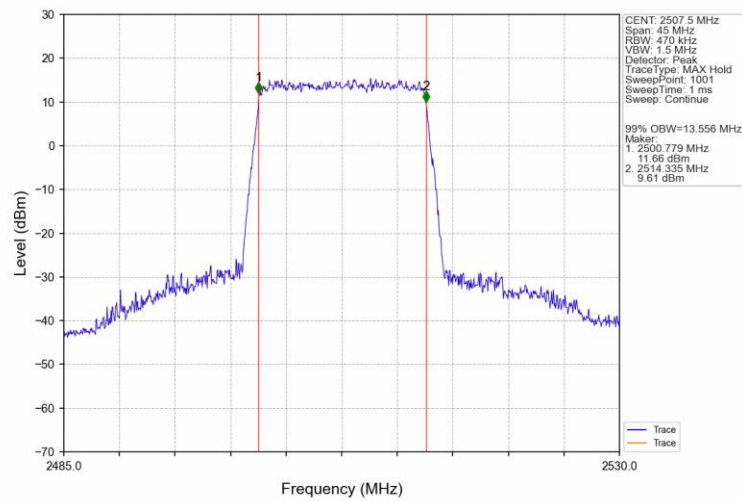
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



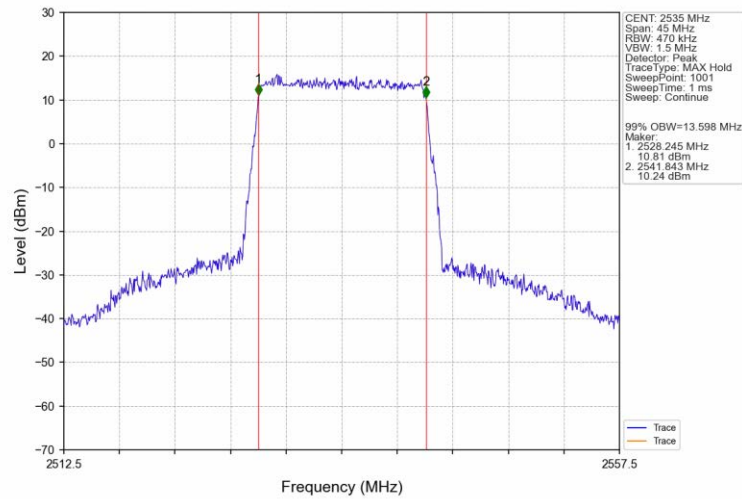
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



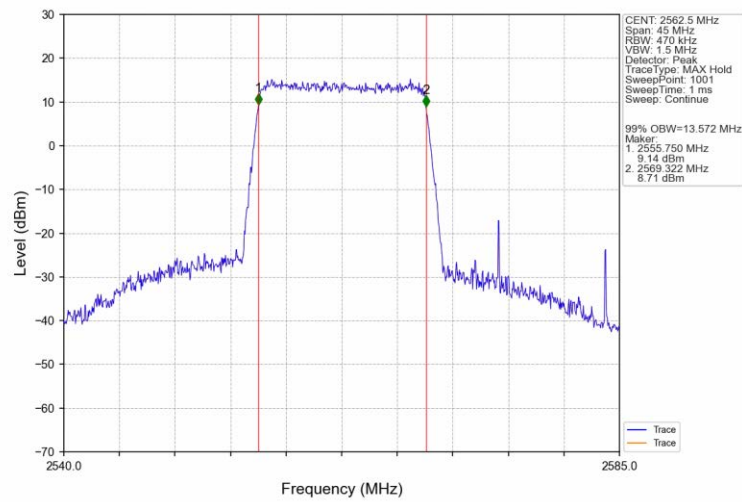
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



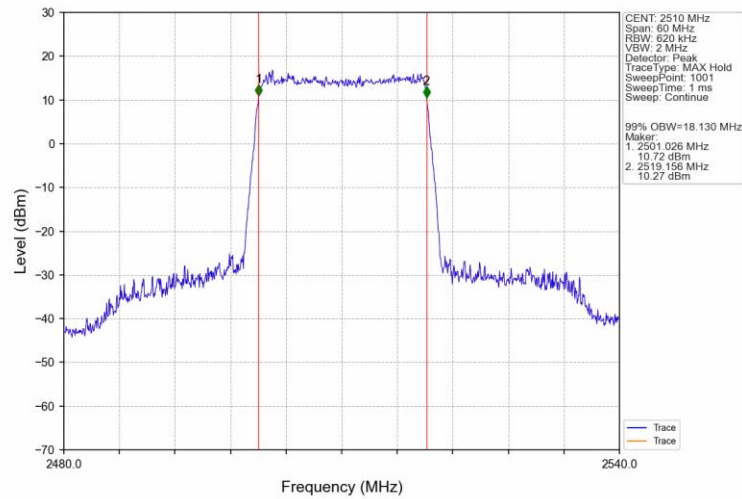
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



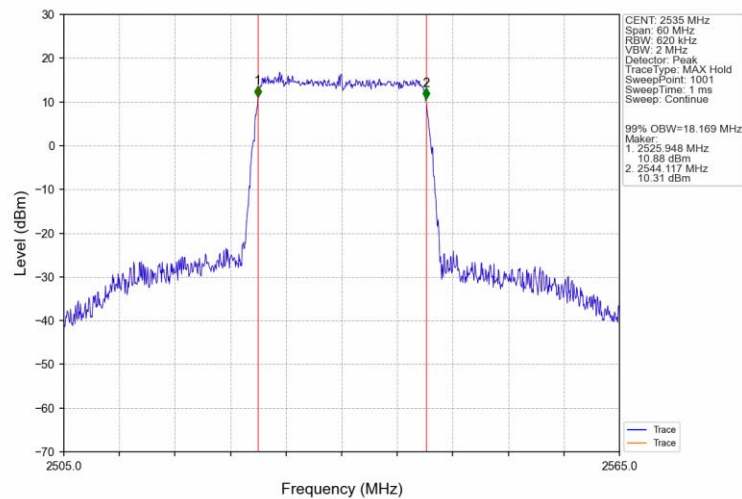
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



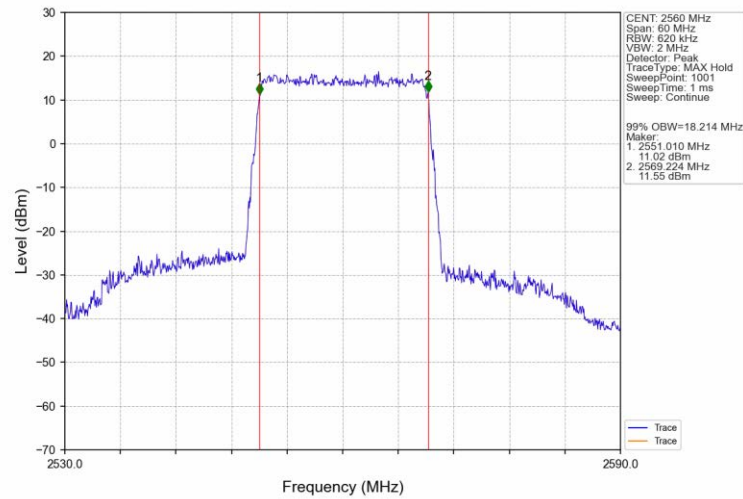
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



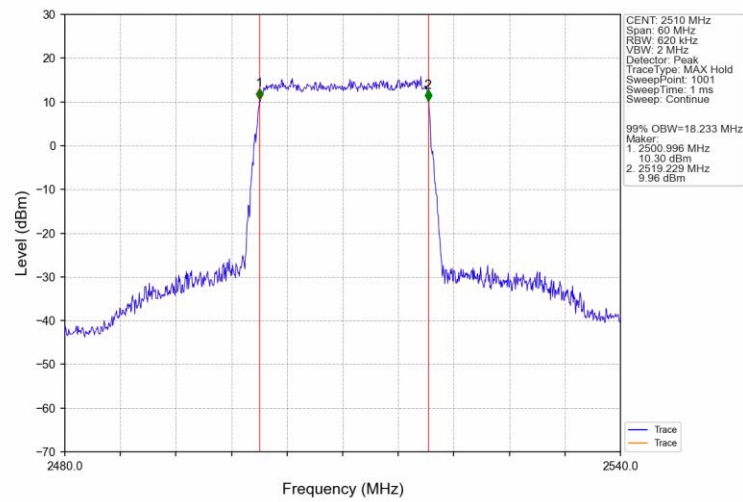
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



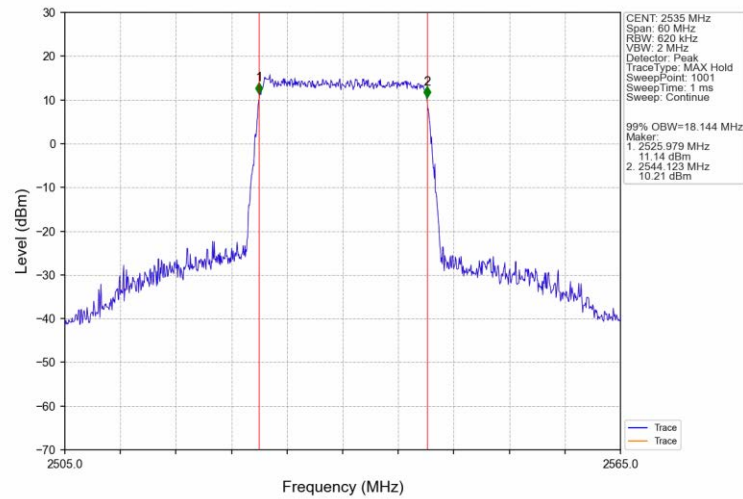
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



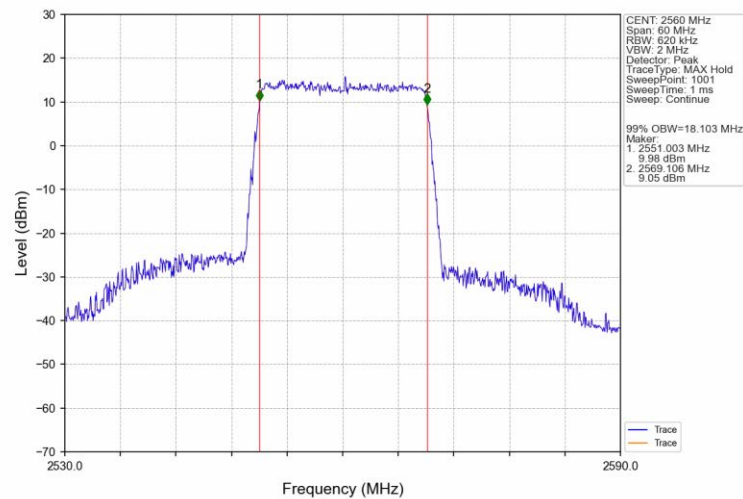
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Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

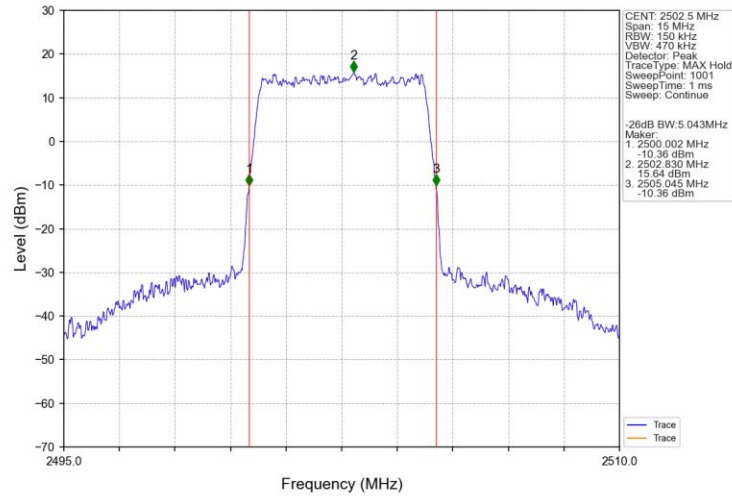


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

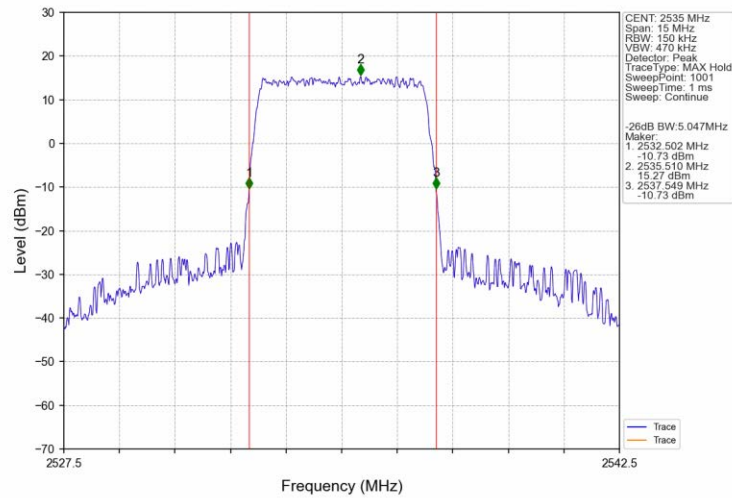


4.2.2 Band7_XDB

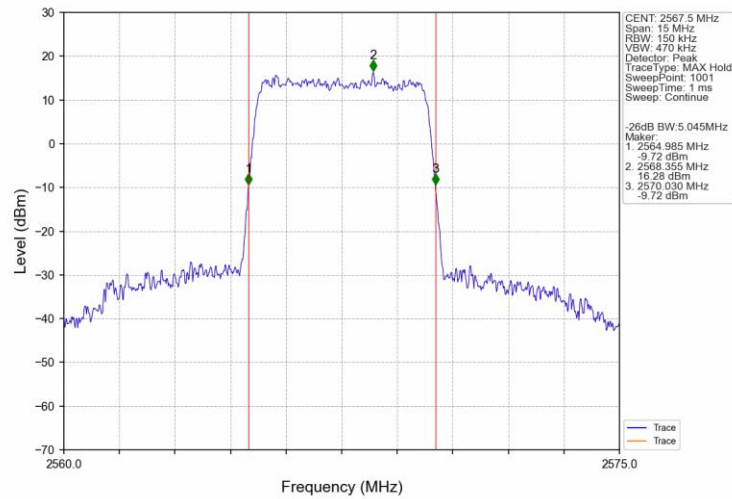
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



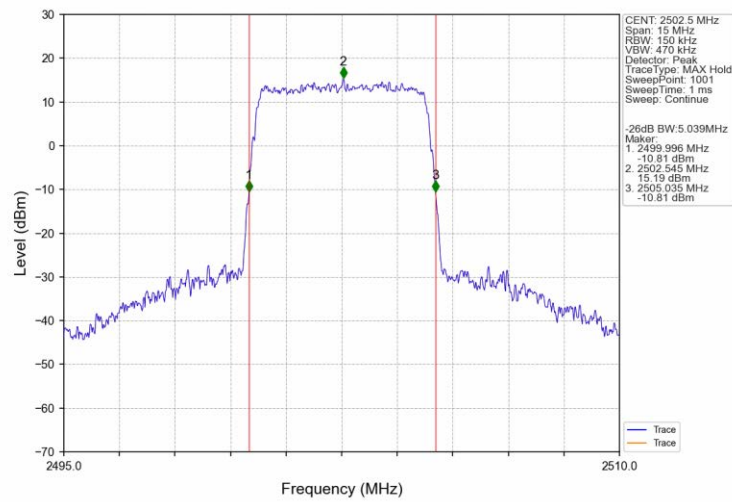
Band7 5MHz QPSK MCH 2535MHz RB 25 0 NTNV



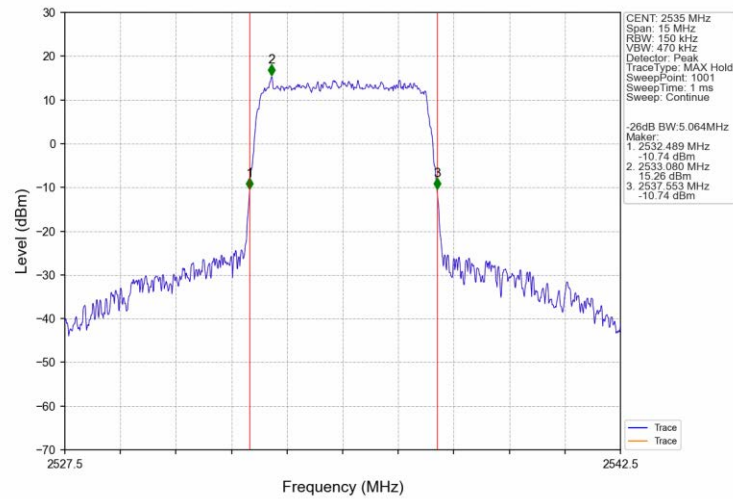
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



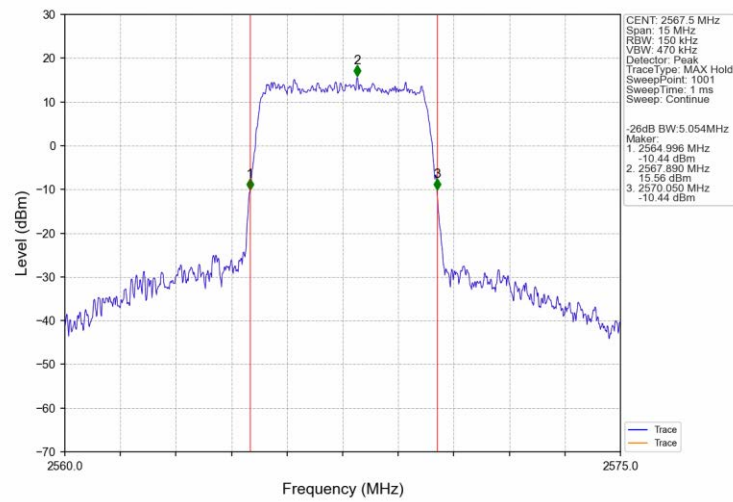
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



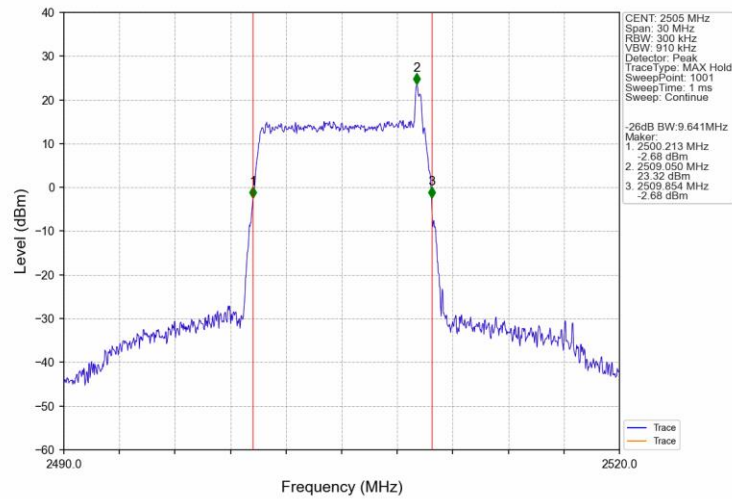
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



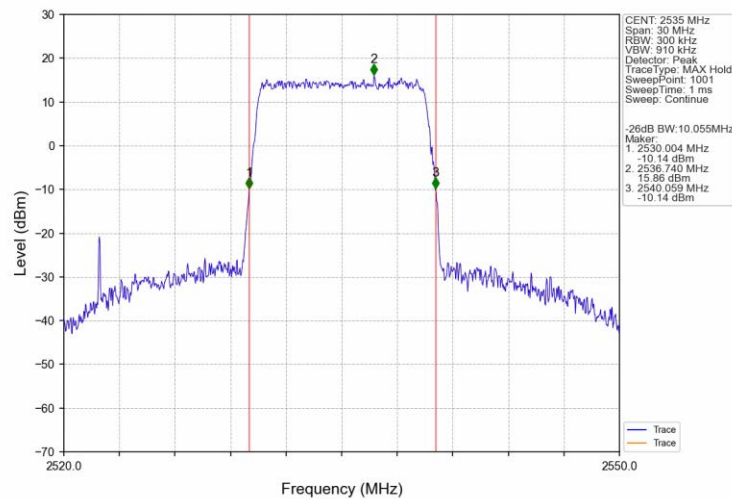
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



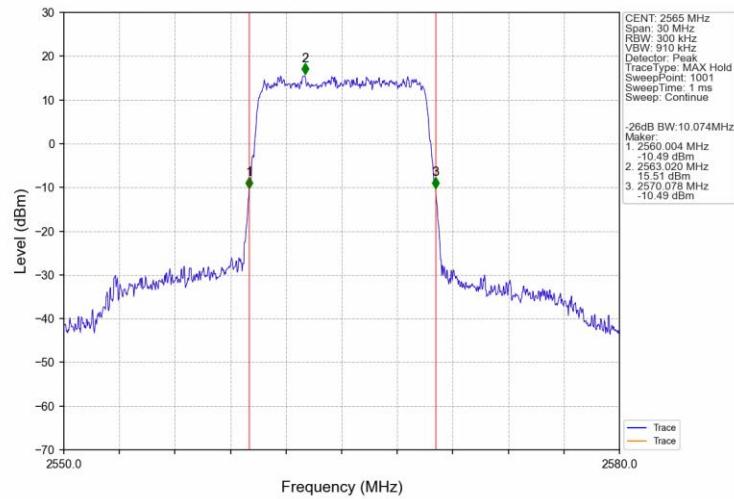
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



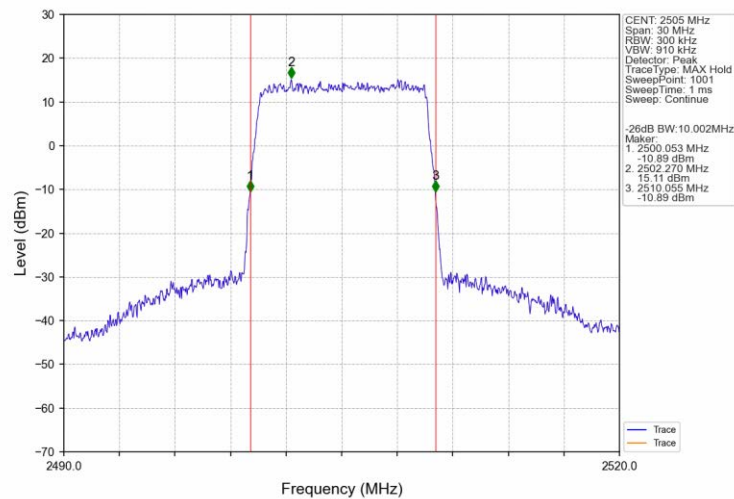
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



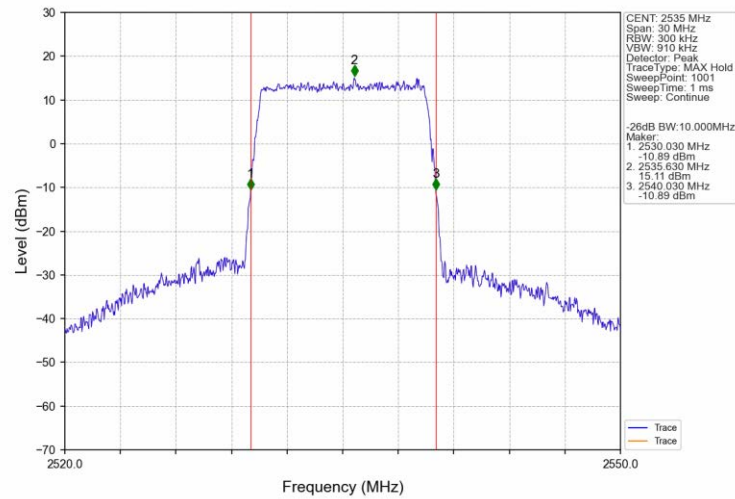
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



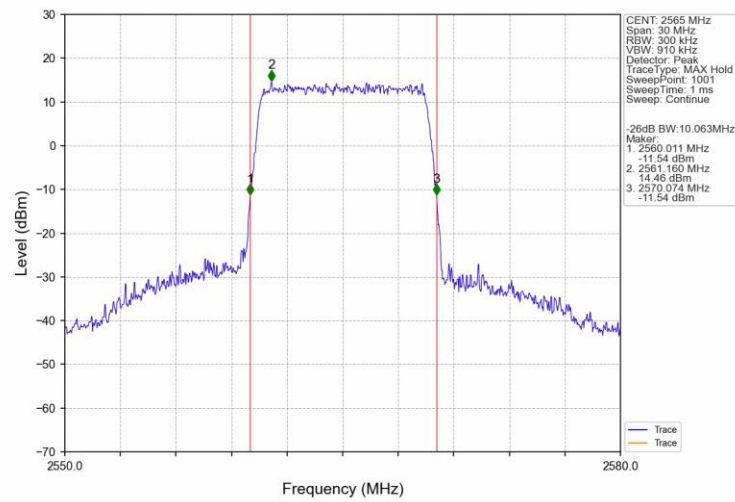
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



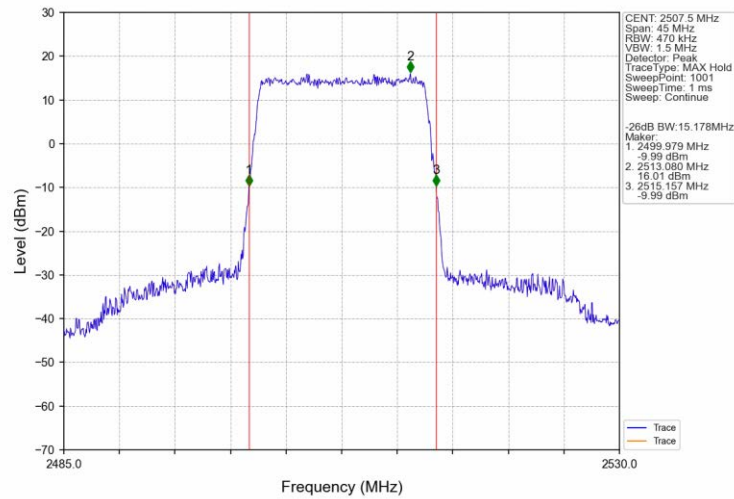
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



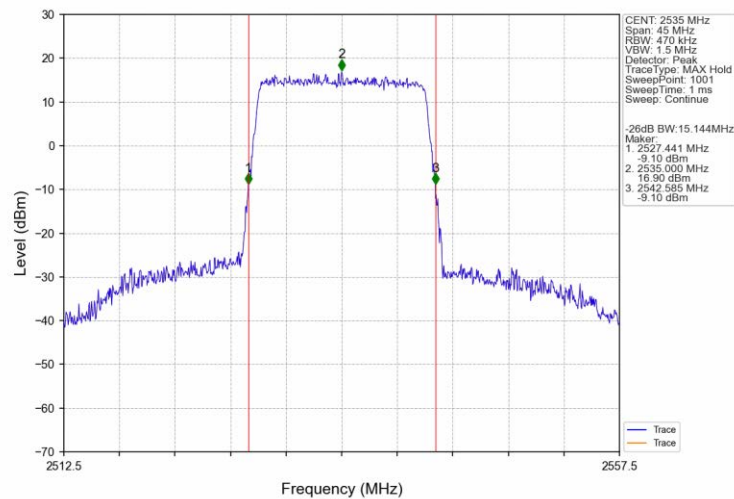
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



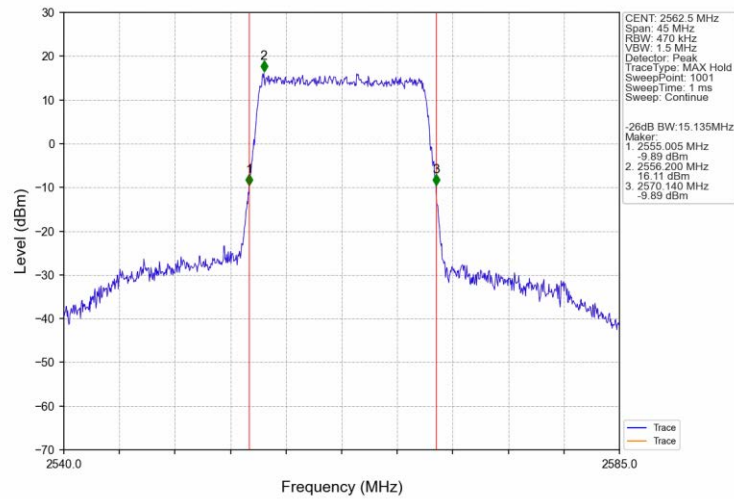
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



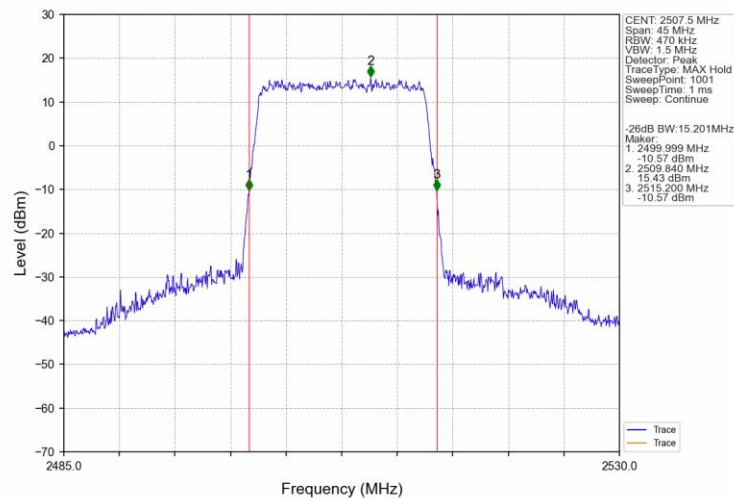
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



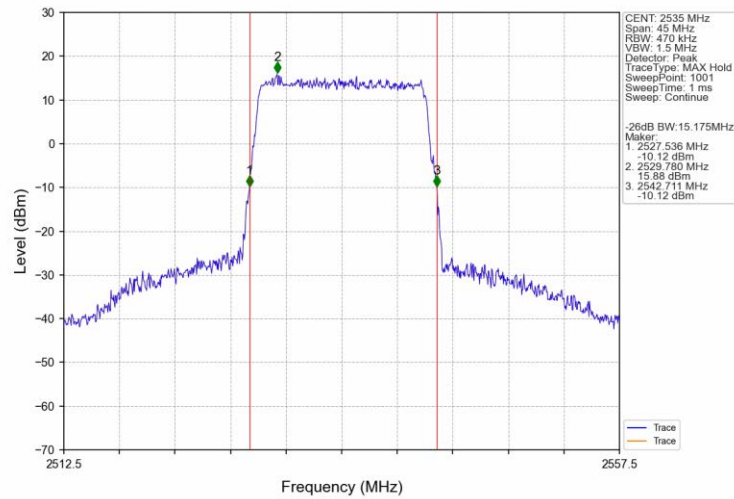
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



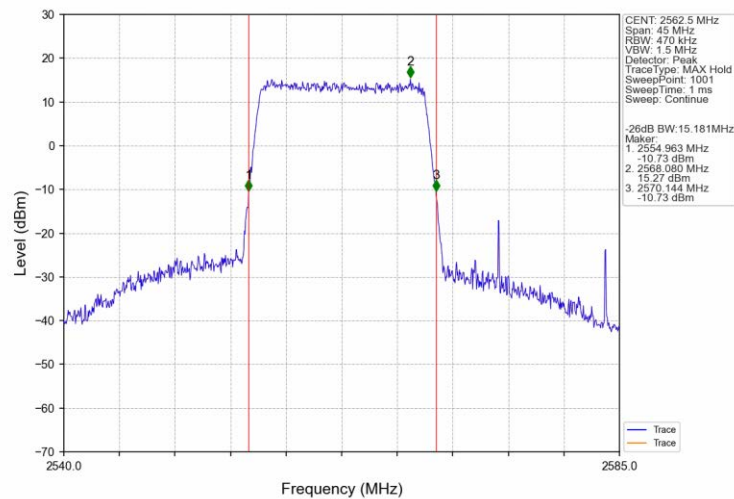
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



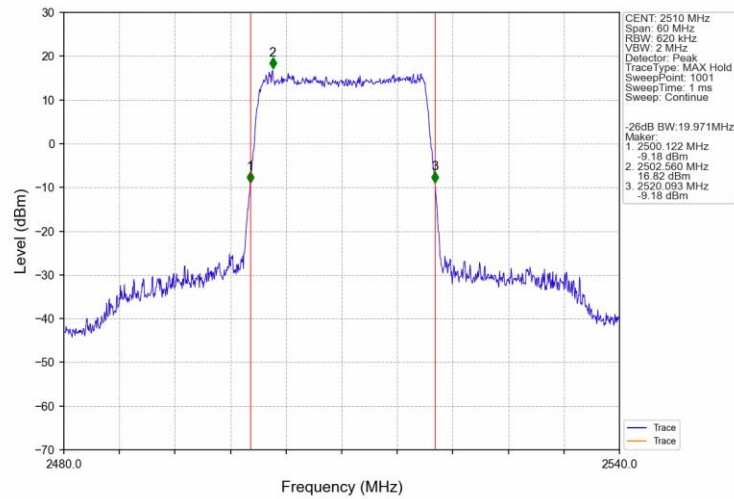
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



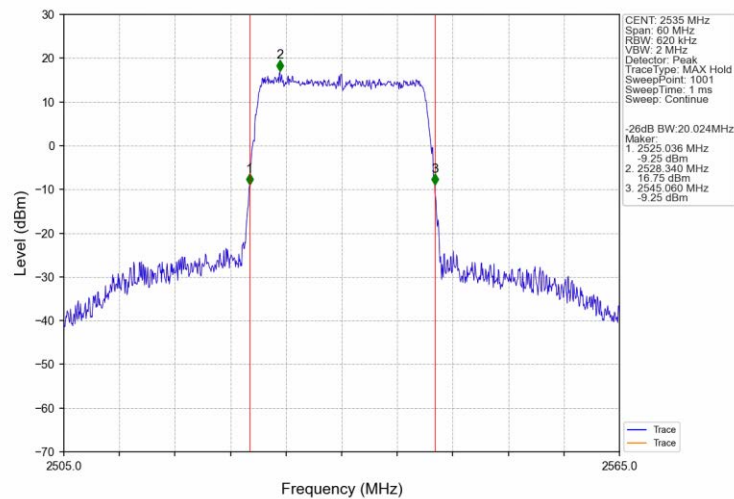
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



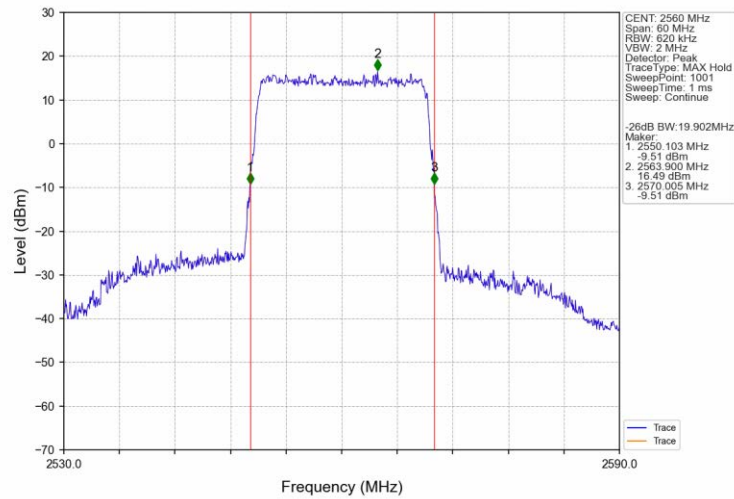
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



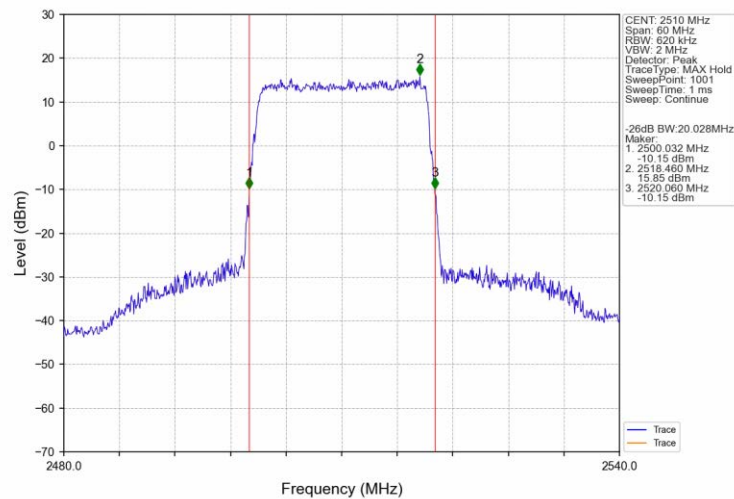
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



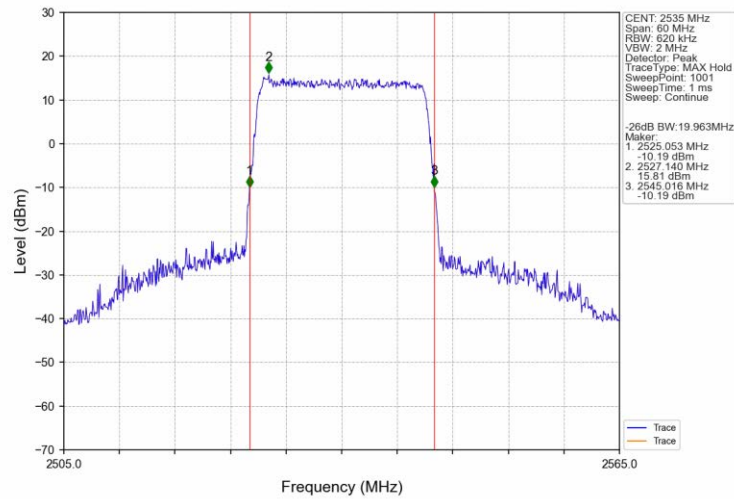
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



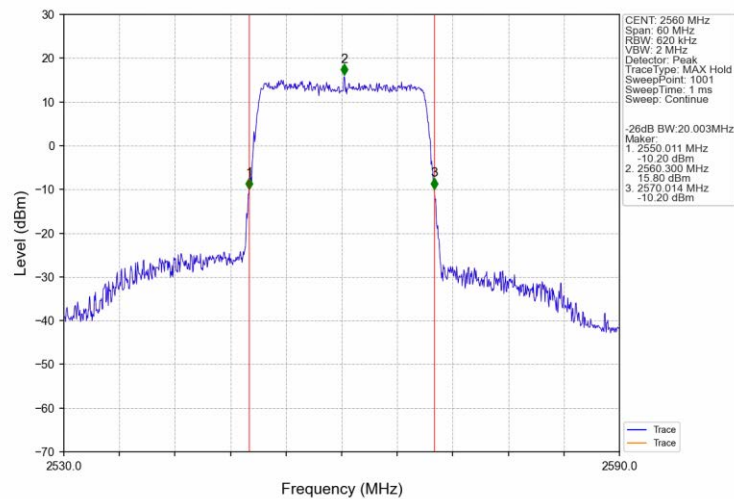
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



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	5.52	<=13	Pass
	2535	25	0	5.60	<=13	Pass
	2567.5	25	0	5.63	<=13	Pass
16QAM	2502.5	25	0	6.28	<=13	Pass
	2535	25	0	6.30	<=13	Pass
	2567.5	25	0	6.29	<=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	5.60	<=13	Pass
	2535	50	0	5.58	<=13	Pass
	2565	50	0	5.63	<=13	Pass
16QAM	2505	50	0	6.28	<=13	Pass
	2535	50	0	6.32	<=13	Pass
	2565	50	0	6.36	<=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	5.21	<=13	Pass
	2535	75	0	5.15	<=13	Pass
	2562.5	75	0	5.19	<=13	Pass
16QAM	2507.5	75	0	6.16	<=13	Pass
	2535	75	0	6.17	<=13	Pass
	2562.5	75	0	6.22	<=13	Pass

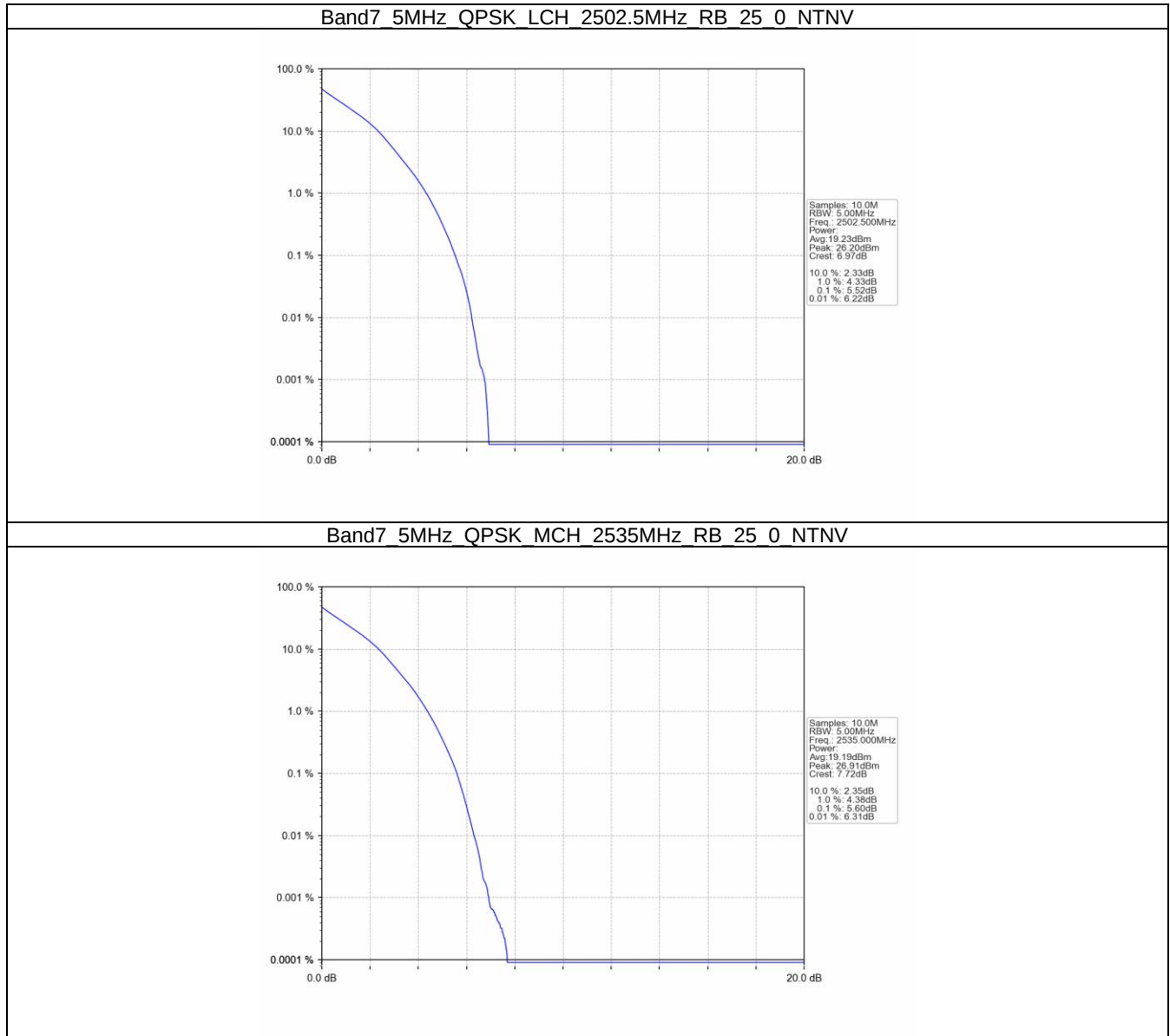
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.63	<=13	Pass
	2535	100	0	5.65	<=13	Pass
	2560	100	0	5.66	<=13	Pass
16QAM	2510	100	0	6.60	<=13	Pass
	2535	100	0	6.58	<=13	Pass
	2560	100	0	6.60	<=13	Pass

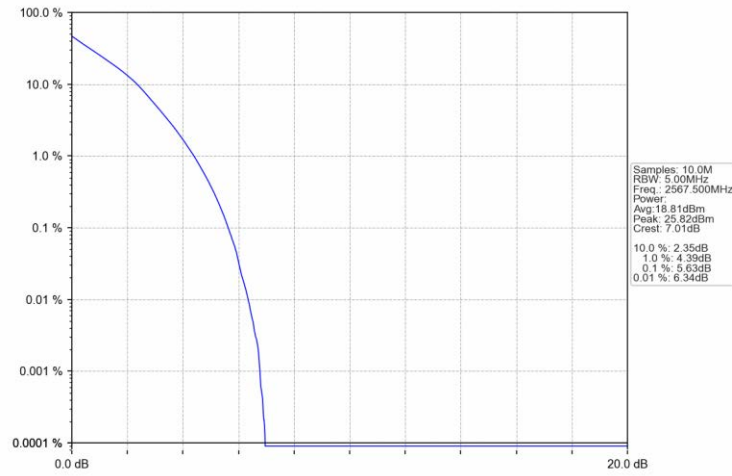


5.2 Test Graph

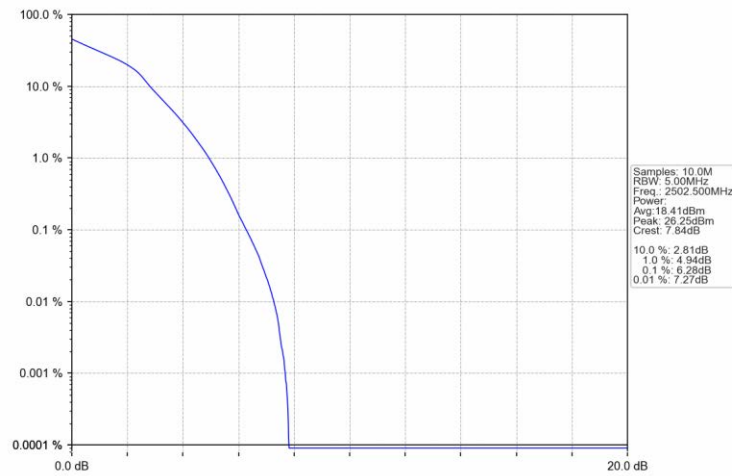
5.2.1 B7_5MHz



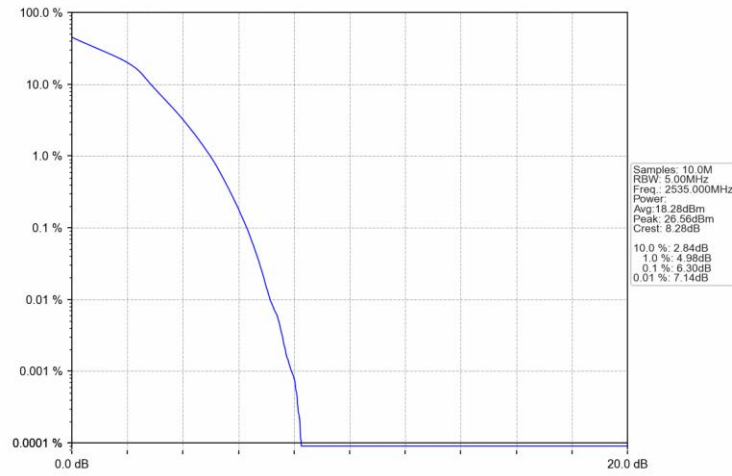
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



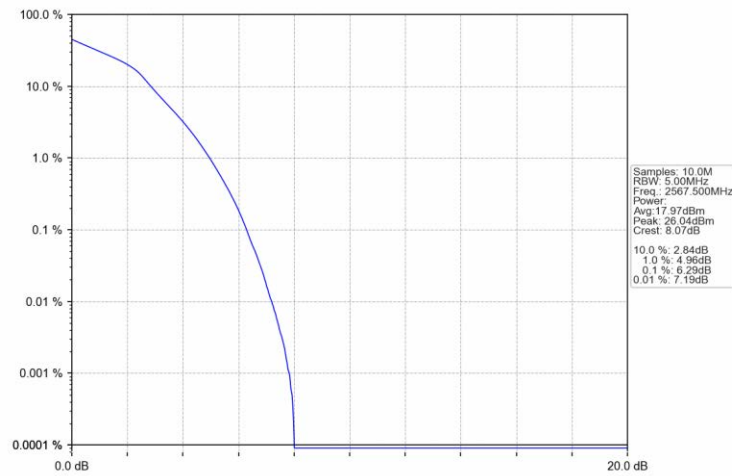
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

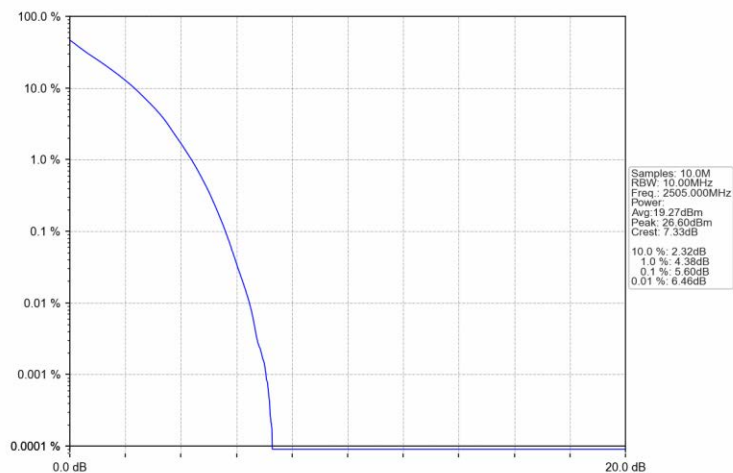


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

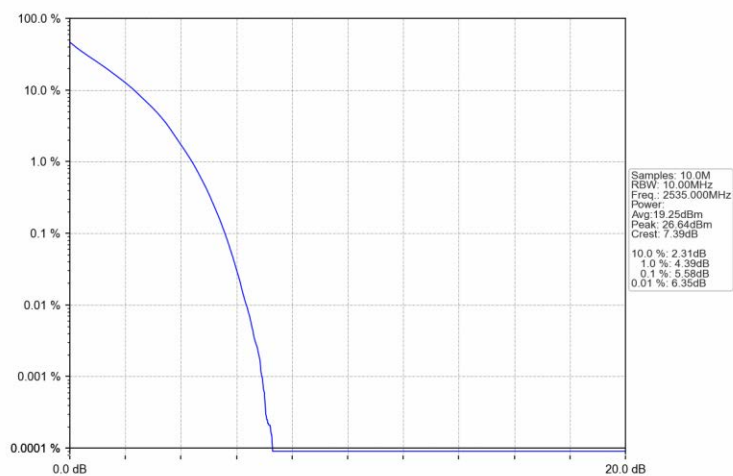


5.2.2 B7_10MHz

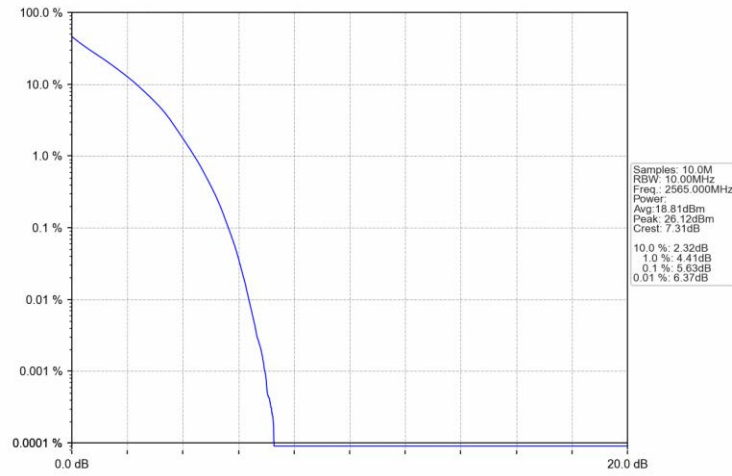
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



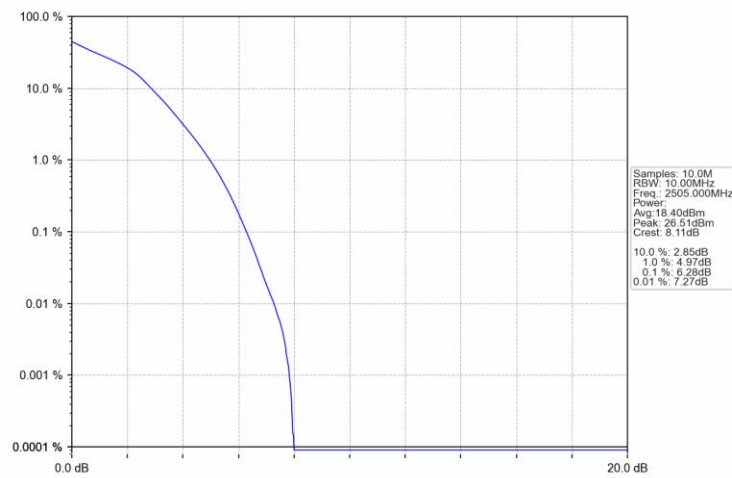
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



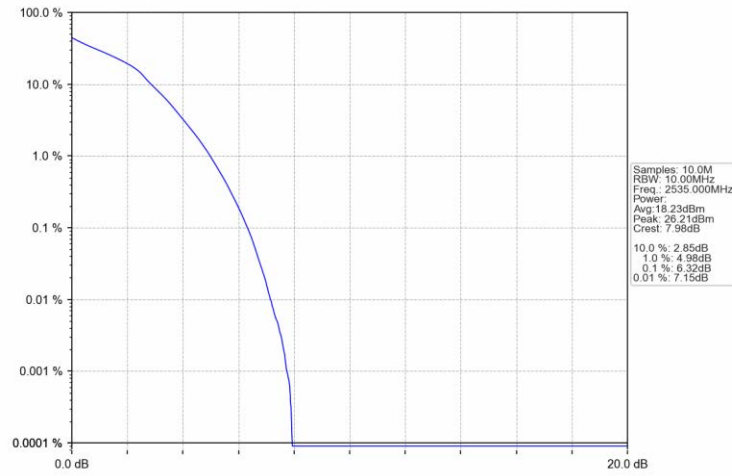
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



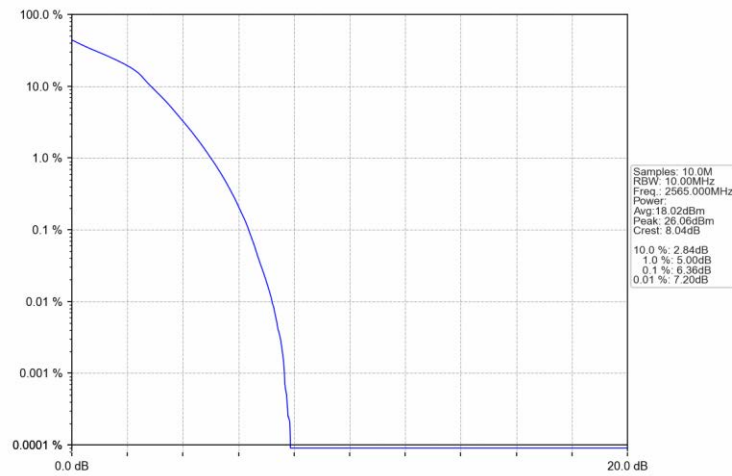
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

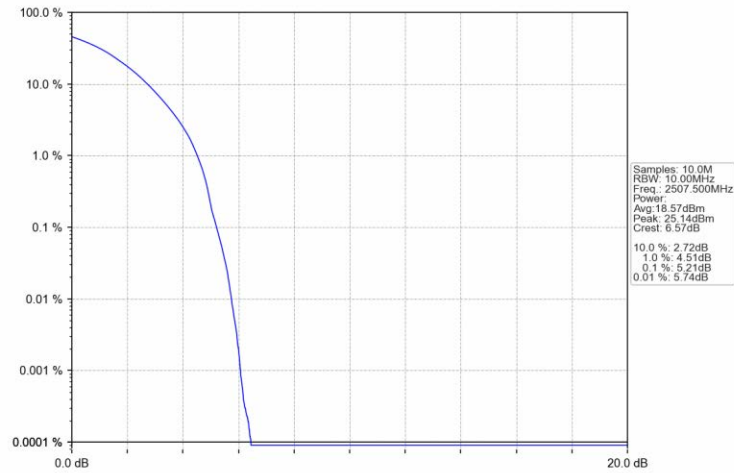


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

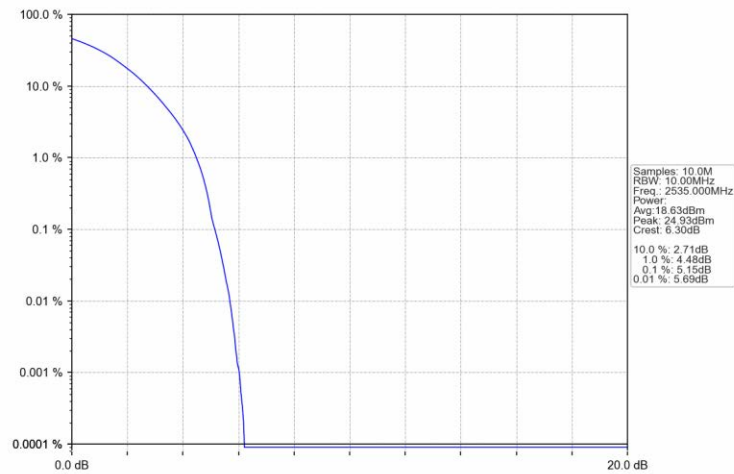


5.2.3 B7_15MHz

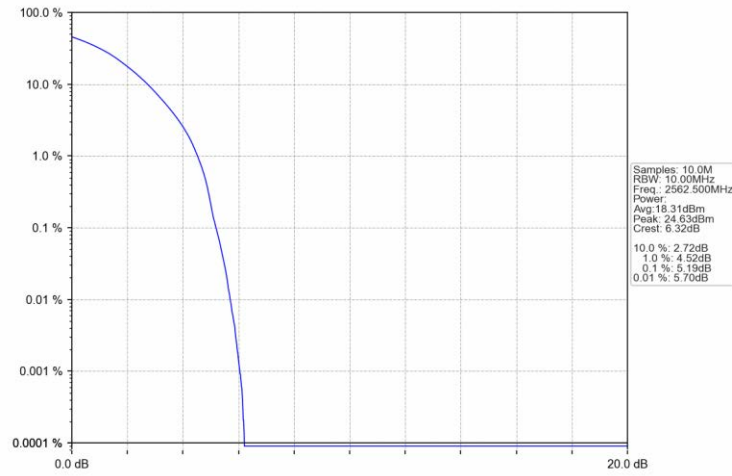
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTV



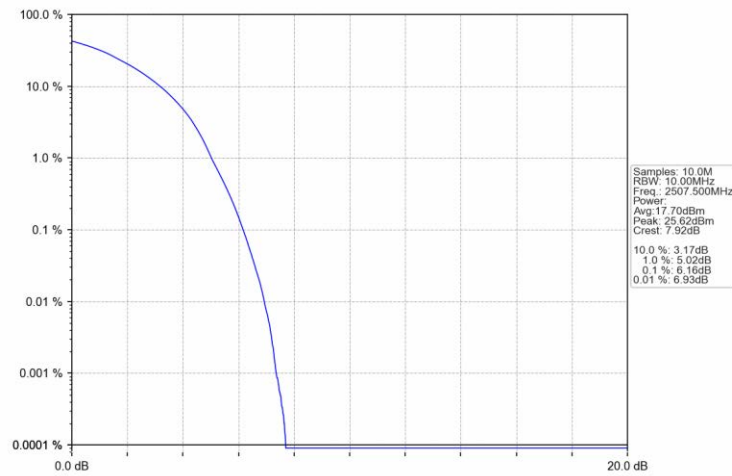
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



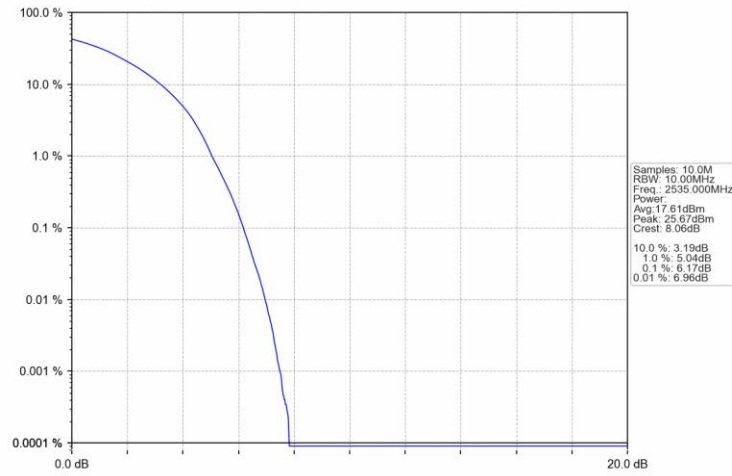
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



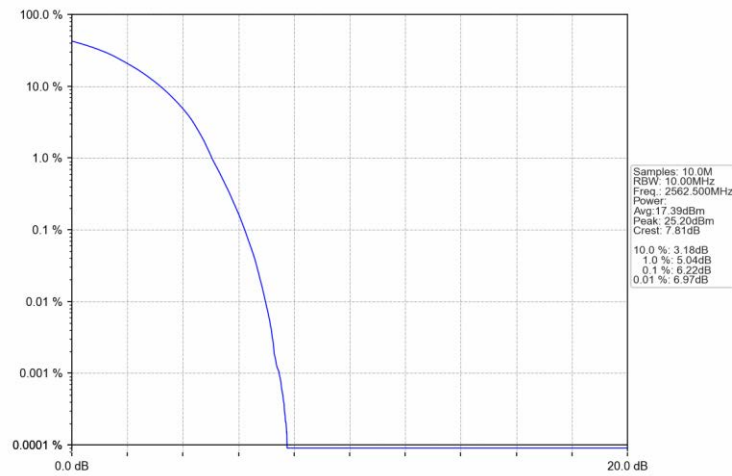
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

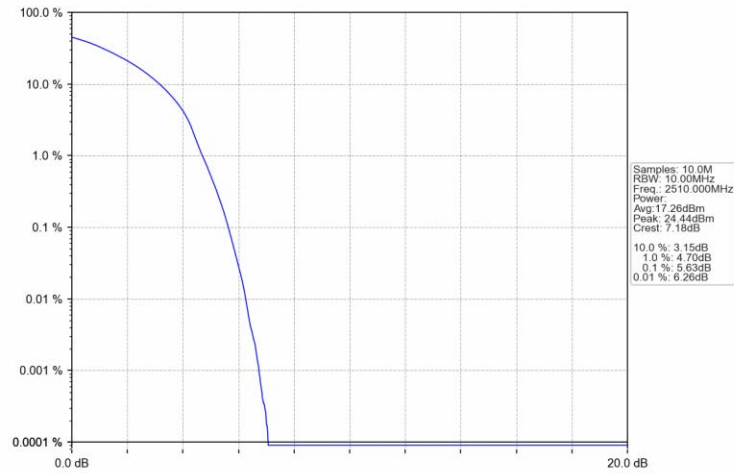


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

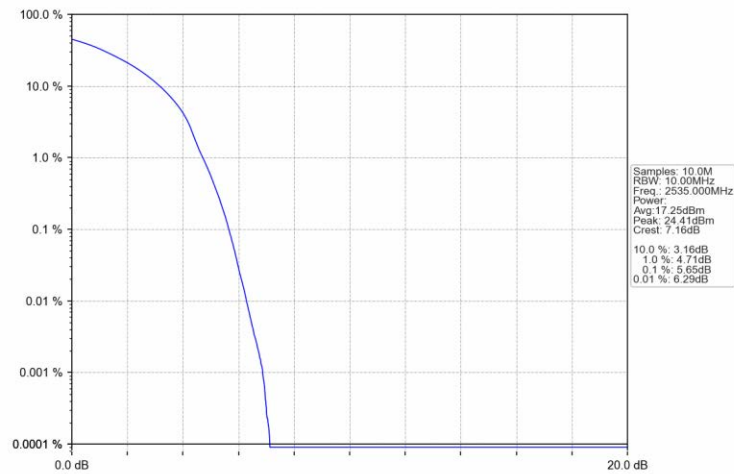


5.2.4 B7_20MHz

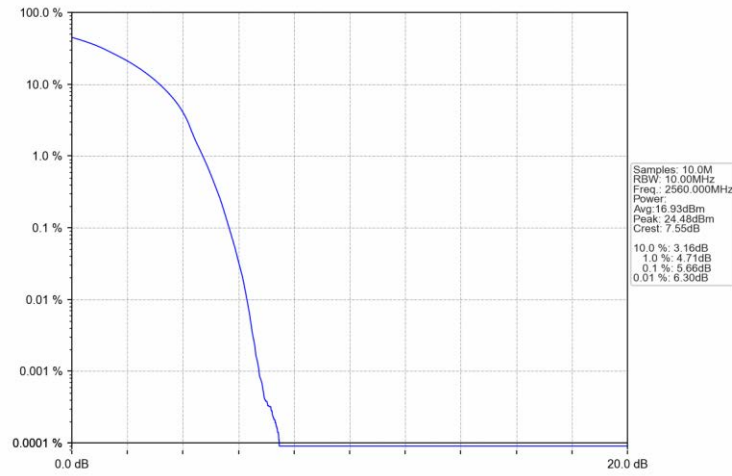
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



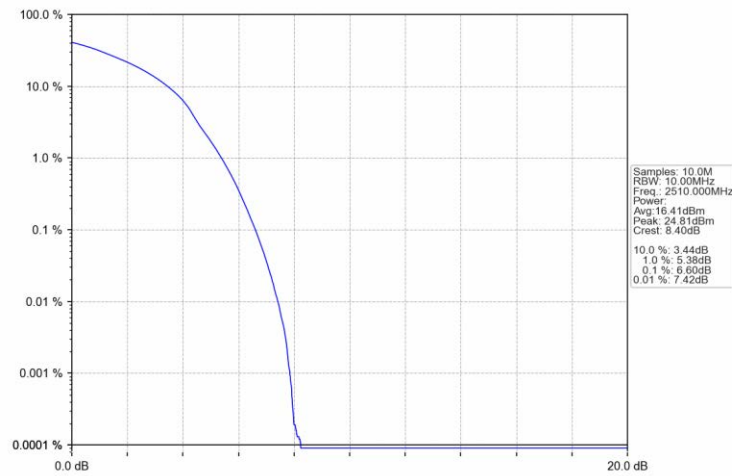
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



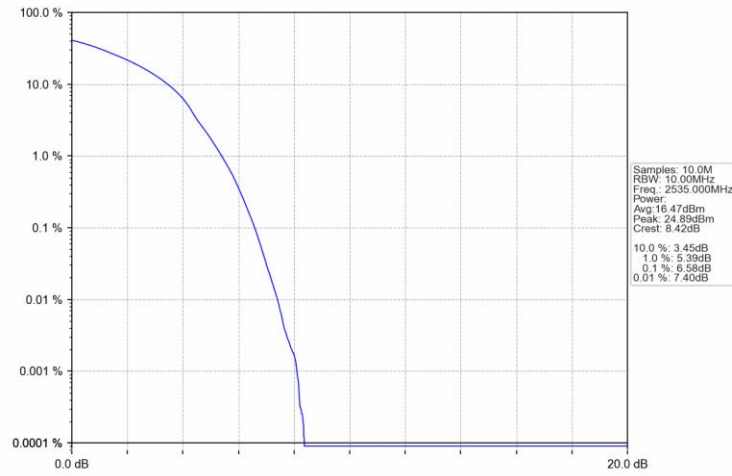
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



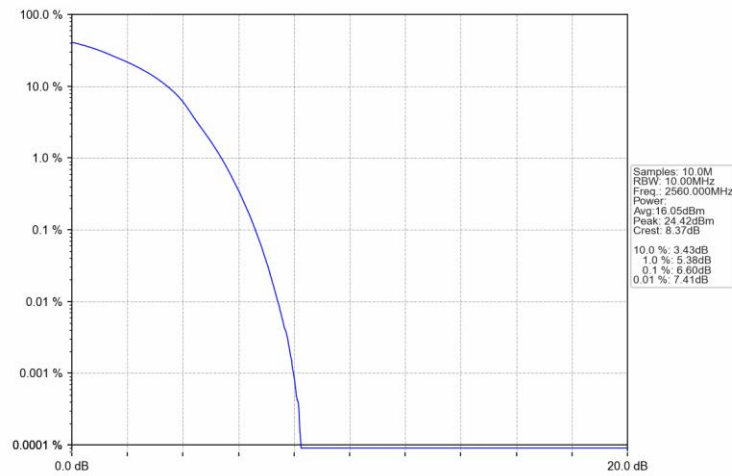
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		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

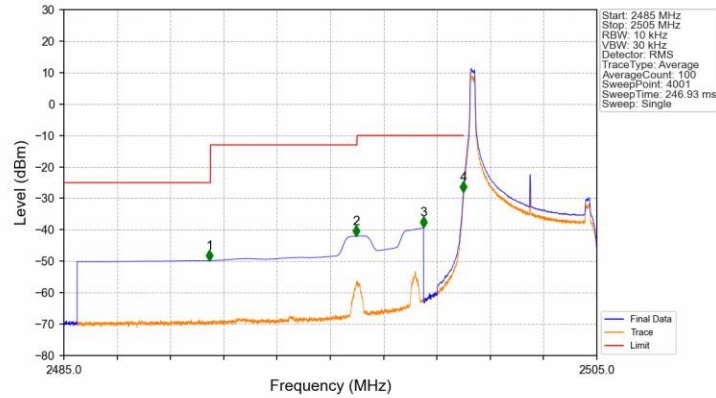
6.1.4 B7_20MHz

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

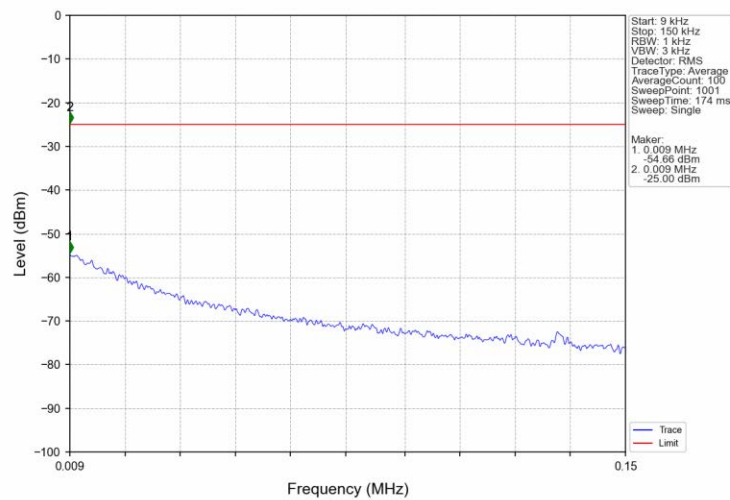
6.2 Test Graph

6.2.1 B7_5MHz

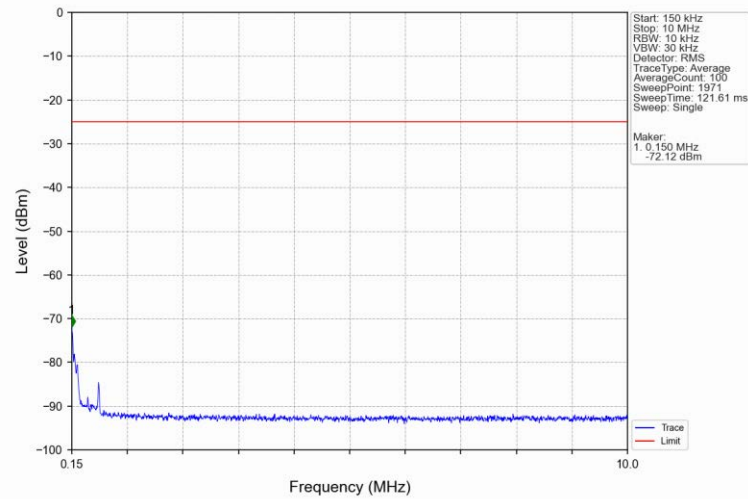
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



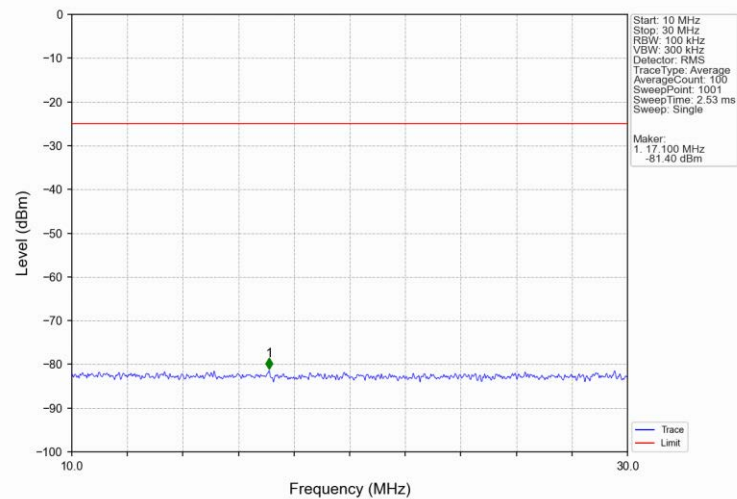
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



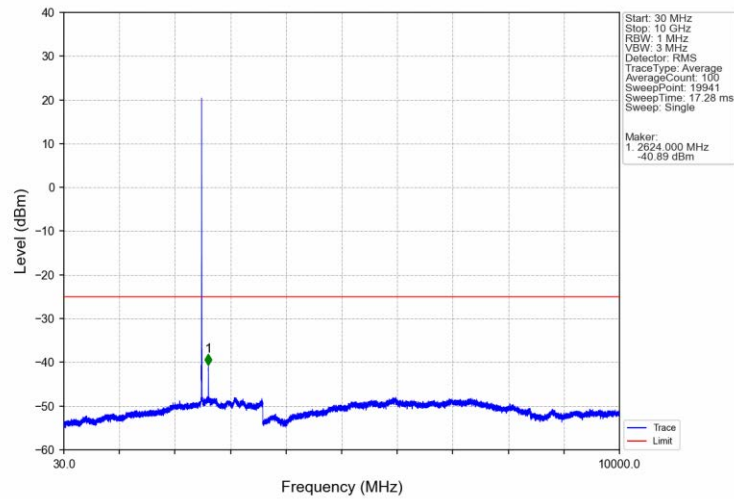
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



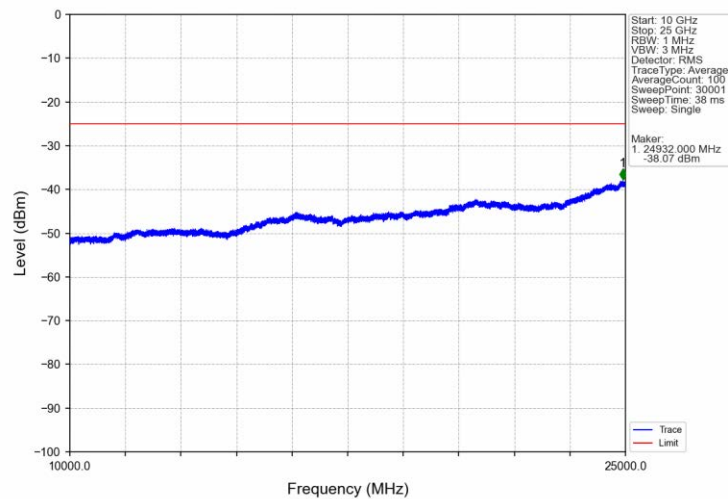
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



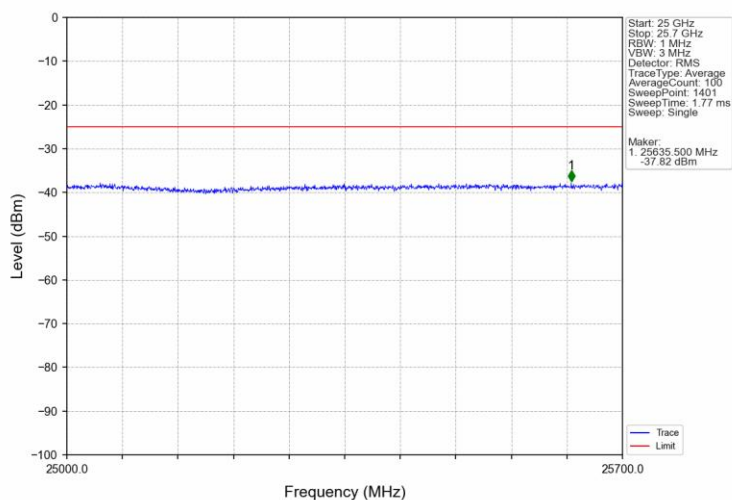
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



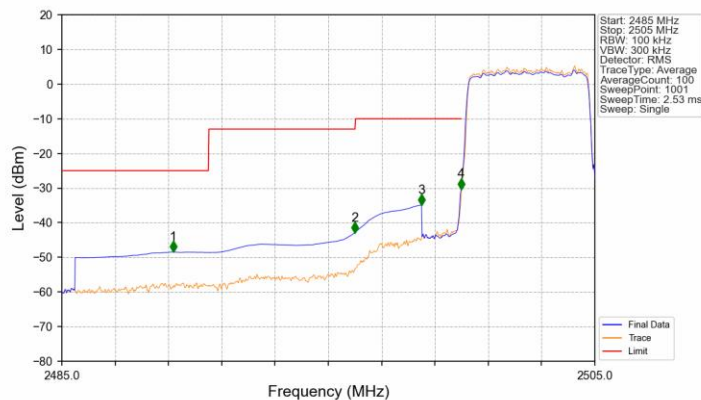
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

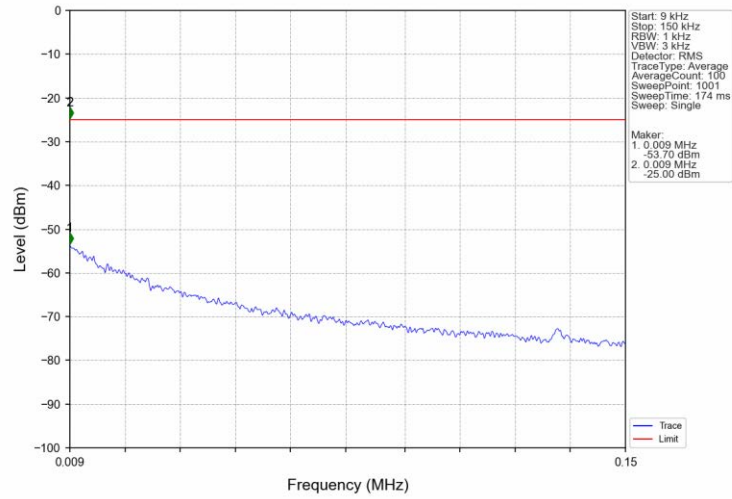


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

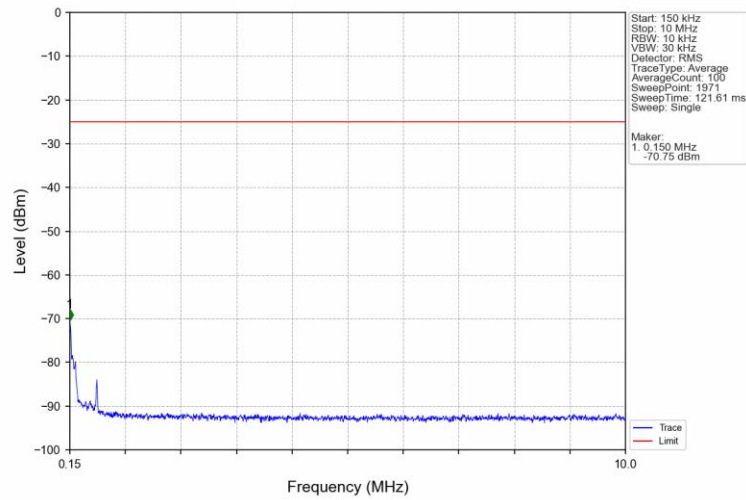


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.180	-48.47	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-42.92	-13	Pass
2496	2499	1	CHP	3	2498.500	-34.91	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-30.31	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

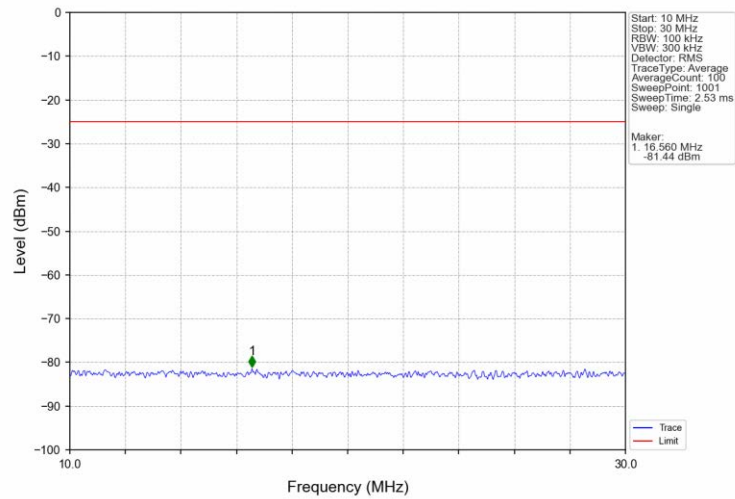
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



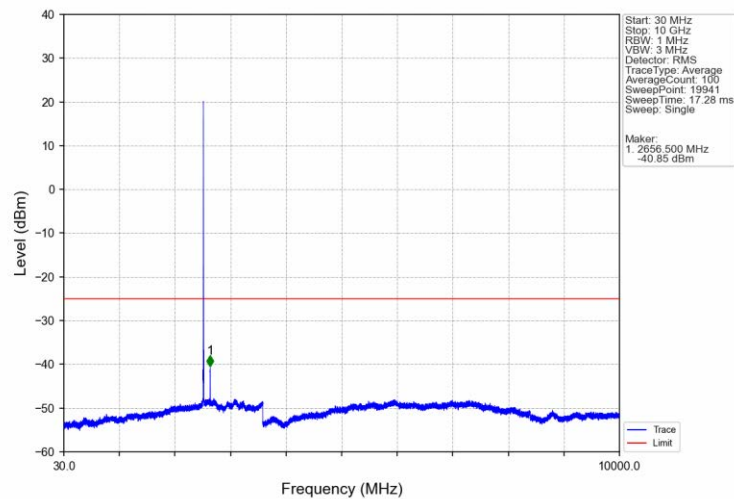
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



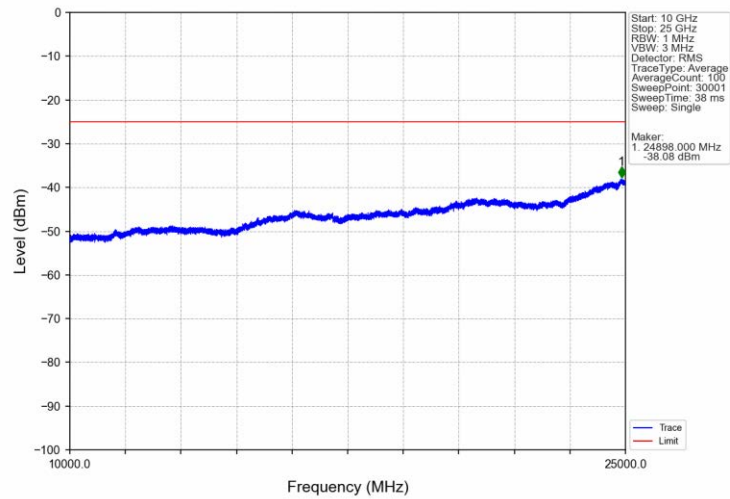
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



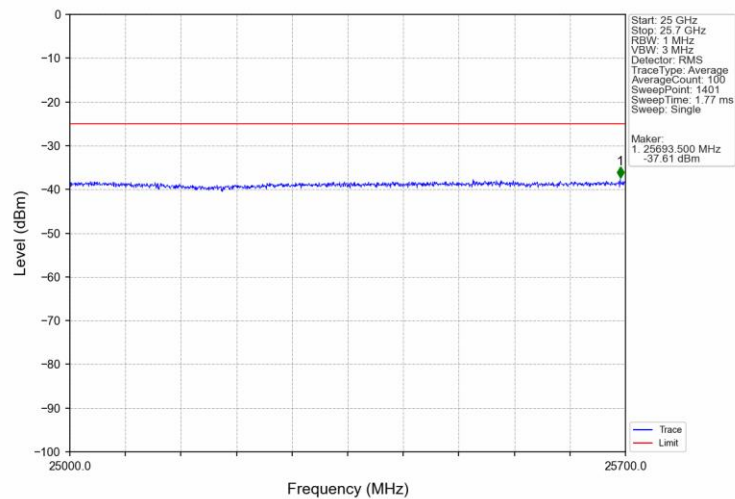
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



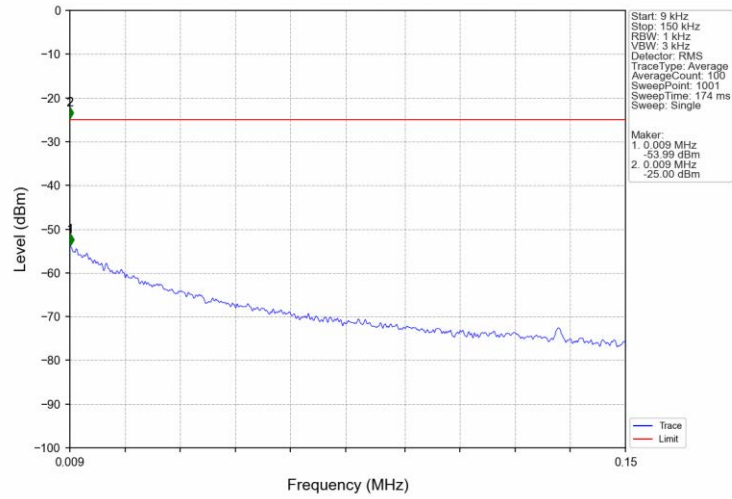
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



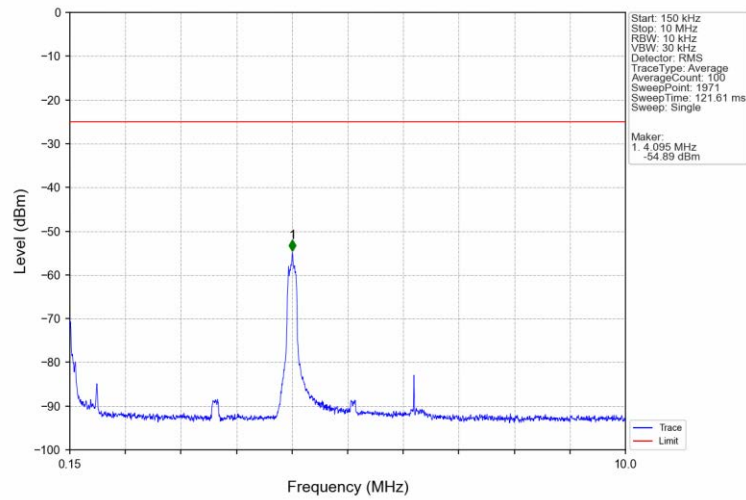
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



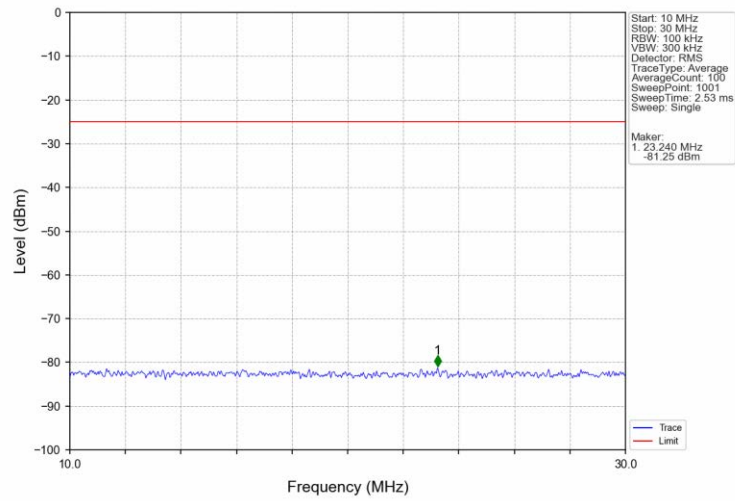
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

