

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	21.43	1.34	22.77	<=33.01	Pass
			13	21.41	1.34	22.75	<=33.01	Pass
			24	21.39	1.34	22.73	<=33.01	Pass
		12	0	20.49	1.34	21.83	<=33.01	Pass
			6	20.58	1.34	21.92	<=33.01	Pass
			13	20.57	1.34	21.91	<=33.01	Pass
		25	0	20.51	1.34	21.85	<=33.01	Pass
	2535	1	0	21.48	1.34	22.82	<=33.01	Pass
			13	21.44	1.34	22.78	<=33.01	Pass
			24	21.47	1.34	22.81	<=33.01	Pass
		12	0	20.46	1.34	21.80	<=33.01	Pass
			6	20.56	1.34	21.90	<=33.01	Pass
			13	20.52	1.34	21.86	<=33.01	Pass
		25	0	20.44	1.34	21.78	<=33.01	Pass
	2567.5	1	0	21.17	1.34	22.51	<=33.01	Pass
			13	21.09	1.34	22.43	<=33.01	Pass
			24	21.16	1.34	22.50	<=33.01	Pass
		12	0	20.06	1.34	21.40	<=33.01	Pass
			6	20.10	1.34	21.44	<=33.01	Pass
			13	20.18	1.34	21.52	<=33.01	Pass
		25	0	20.15	1.34	21.49	<=33.01	Pass
16QAM	2502.5	1	0	21.14	1.34	22.48	<=33.01	Pass
			13	21.16	1.34	22.50	<=33.01	Pass
			24	21.18	1.34	22.52	<=33.01	Pass
		12	0	19.65	1.34	20.99	<=33.01	Pass
			6	19.61	1.34	20.95	<=33.01	Pass
			13	19.61	1.34	20.95	<=33.01	Pass
		25	0	19.70	1.34	21.04	<=33.01	Pass
	2535	1	0	21.00	1.34	22.34	<=33.01	Pass
			13	21.00	1.34	22.34	<=33.01	Pass
			24	21.06	1.34	22.40	<=33.01	Pass
		12	0	19.59	1.34	20.93	<=33.01	Pass
			6	19.65	1.34	20.99	<=33.01	Pass
			13	19.76	1.34	21.10	<=33.01	Pass
		25	0	19.63	1.34	20.97	<=33.01	Pass
	2567.5	1	0	19.84	1.34	21.18	<=33.01	Pass
			13	19.79	1.34	21.13	<=33.01	Pass
			24	19.82	1.34	21.16	<=33.01	Pass
		12	0	19.21	1.34	20.55	<=33.01	Pass
			6	19.19	1.34	20.53	<=33.01	Pass
			13	19.17	1.34	20.51	<=33.01	Pass
		25	0	19.27	1.34	20.61	<=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	21.35	1.34	22.69	<=33.01	Pass
			25	21.40	1.34	22.74	<=33.01	Pass
			49	21.39	1.34	22.73	<=33.01	Pass
		25	0	20.55	1.34	21.89	<=33.01	Pass
			13	20.53	1.34	21.87	<=33.01	Pass
			25	20.57	1.34	21.91	<=33.01	Pass
		50	0	20.52	1.34	21.86	<=33.01	Pass
	2535	1	0	21.51	1.34	22.85	<=33.01	Pass
			25	21.49	1.34	22.83	<=33.01	Pass
			49	21.46	1.34	22.80	<=33.01	Pass
		25	0	20.55	1.34	21.89	<=33.01	Pass
			13	20.56	1.34	21.90	<=33.01	Pass
			25	20.51	1.34	21.85	<=33.01	Pass
		50	0	20.48	1.34	21.82	<=33.01	Pass
	2565	1	0	20.14	1.34	21.48	<=33.01	Pass
			25	20.13	1.34	21.47	<=33.01	Pass
			49	20.09	1.34	21.43	<=33.01	Pass
		25	0	20.20	1.34	21.54	<=33.01	Pass
			13	20.14	1.34	21.48	<=33.01	Pass
			25	20.19	1.34	21.53	<=33.01	Pass
		50	0	20.19	1.34	21.53	<=33.01	Pass
16QAM	2505	1	0	20.12	1.34	21.46	<=33.01	Pass
			25	20.16	1.34	21.50	<=33.01	Pass
			49	20.25	1.34	21.59	<=33.01	Pass
		25	0	20.60	1.34	21.94	<=33.01	Pass
			13	20.63	1.34	21.97	<=33.01	Pass
			25	20.68	1.34	22.02	<=33.01	Pass
		50	0	20.65	1.34	21.99	<=33.01	Pass
	2535	1	0	20.48	1.34	21.82	<=33.01	Pass
			25	20.52	1.34	21.86	<=33.01	Pass
			49	20.45	1.34	21.79	<=33.01	Pass
		25	0	19.68	1.34	21.02	<=33.01	Pass
			13	19.71	1.34	21.05	<=33.01	Pass
			25	19.69	1.34	19.03	<=33.01	Pass
		50	0	19.62	1.34	20.96	<=33.01	Pass
	2565	1	0	19.41	1.34	20.75	<=33.01	Pass
			25	19.40	1.34	20.74	<=33.01	Pass
			49	19.37	1.34	20.71	<=33.01	Pass
		25	0	19.47	1.34	20.81	<=33.01	Pass
			13	19.12	1.34	20.46	<=33.01	Pass
			25	19.45	1.34	20.79	<=33.01	Pass
		50	0	19.24	1.34	20.58	<=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	19.39	1.34	20.73	<=33.01	Pass
			38	19.33	1.34	20.67	<=33.01	Pass
			74	19.46	1.34	20.80	<=33.01	Pass
		36	0	18.44	1.34	19.78	<=33.01	Pass
			18	18.48	1.34	19.82	<=33.01	Pass
			39	18.58	1.34	19.92	<=33.01	Pass
		75	0	18.49	1.34	19.83	<=33.01	Pass

16QAM	2535	1	0	20.42	1.34	21.76	<=33.01	Pass
			38	20.46	1.34	21.80	<=33.01	Pass
			74	20.40	1.34	21.74	<=33.01	Pass
		36	0	19.51	1.34	20.85	<=33.01	Pass
			18	19.41	1.34	20.75	<=33.01	Pass
			39	19.55	1.34	20.89	<=33.01	Pass
		75	0	19.56	1.34	20.90	<=33.01	Pass
	2562.5	1	0	19.26	1.34	20.60	<=33.01	Pass
			38	19.21	1.34	20.55	<=33.01	Pass
			74	19.21	1.34	20.55	<=33.01	Pass
		36	0	18.28	1.34	19.62	<=33.01	Pass
			18	18.22	1.34	19.56	<=33.01	Pass
			39	18.18	1.34	19.52	<=33.01	Pass
		75	0	18.18	1.34	19.52	<=33.01	Pass
	2507.5	1	0	19.35	1.34	20.69	<=33.01	Pass
			38	19.33	1.34	20.67	<=33.01	Pass
			74	19.34	1.34	20.68	<=33.01	Pass
		36	0	17.64	1.34	18.98	<=33.01	Pass
			18	17.57	1.34	18.91	<=33.01	Pass
			39	17.56	1.34	16.90	<=33.01	Pass
		75	0	17.68	1.34	21.02	<=33.01	Pass
	2535	1	0	20.44	1.34	21.78	<=33.01	Pass
			38	20.40	1.34	21.74	<=33.01	Pass
			74	20.43	1.34	21.77	<=33.01	Pass
		36	0	18.57	1.34	19.91	<=33.01	Pass
			18	18.45	1.34	19.79	<=33.01	Pass
			39	17.40	1.34	18.74	<=33.01	Pass
		75	0	17.49	1.34	18.83	<=33.01	Pass
	2562.5	1	0	18.87	1.34	20.21	<=33.01	Pass
			38	18.95	1.34	20.29	<=33.01	Pass
			74	18.89	1.34	20.23	<=33.01	Pass
		36	0	18.53	1.34	19.87	<=33.01	Pass
			18	17.29	1.34	18.63	<=33.01	Pass
			39	17.02	1.34	18.36	<=33.01	Pass
		75	0	17.30	1.34	18.64	<=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	19.37	1.34	20.71	<=33.01	Pass
			50	19.41	1.34	20.75	<=33.01	Pass
			99	19.48	1.34	20.82	<=33.01	Pass
		50	0	18.43	1.34	19.77	<=33.01	Pass
			25	18.45	1.34	19.79	<=33.01	Pass
			50	18.43	1.34	19.77	<=33.01	Pass
		100	0	18.46	1.34	19.80	<=33.01	Pass
	2535	1	0	19.48	1.34	20.82	<=33.01	Pass
			50	19.48	1.34	20.82	<=33.01	Pass
			99	19.45	1.34	20.79	<=33.01	Pass
		50	0	18.40	1.34	19.74	<=33.01	Pass
			25	18.58	1.34	19.92	<=33.01	Pass
			50	18.51	1.34	19.85	<=33.01	Pass
		100	0	18.50	1.34	19.84	<=33.01	Pass
	2560	1	0	19.46	1.34	20.80	<=33.01	Pass
			50	19.45	1.34	20.79	<=33.01	Pass

			99	19.40	1.34	20.74	<=33.01	Pass	
		50	0	18.20	1.34	19.54	<=33.01	Pass	
			25	18.23	1.34	19.57	<=33.01	Pass	
			50	18.15	1.34	19.49	<=33.01	Pass	
		100	0	18.31	1.34	19.65	<=33.01	Pass	
16QAM	2510	1	0	18.79	1.34	20.13	<=33.01	Pass	
			50	18.85	1.34	20.19	<=33.01	Pass	
			99	18.98	1.34	20.32	<=33.01	Pass	
		50	0	18.16	1.34	19.50	<=33.01	Pass	
			25	18.37	1.34	19.71	<=33.01	Pass	
			50	18.65	1.34	19.99	<=33.01	Pass	
		100	0	18.45	1.34	19.79	<=33.01	Pass	
	2535	1	0	19.80	1.34	21.14	<=33.01	Pass	
			50	19.77	1.34	21.11	<=33.01	Pass	
			99	19.69	1.34	21.03	<=33.01	Pass	
		50	0	18.68	1.34	20.02	<=33.01	Pass	
			25	18.60	1.34	19.94	<=33.01	Pass	
			50	18.55	1.34	19.89	<=33.01	Pass	
		100	0	18.73	1.34	20.07	<=33.01	Pass	
	2560	1	0	19.10	1.34	20.44	<=33.01	Pass	
			50	19.02	1.34	20.36	<=33.01	Pass	
			99	18.98	1.34	20.32	<=33.01	Pass	
		50	0	18.25	1.34	19.59	<=33.01	Pass	
			25	18.29	1.34	19.63	<=33.01	Pass	
			50	19.45	1.34	20.79	<=33.01	Pass	
		100	0	19.28	1.34	20.62	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

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	-39.997	-0.0160	-2.5 to 2.5	Pass
					3.85	-34.404	-0.0137	-2.5 to 2.5	Pass
					4.43	-41.900	-0.0167	-2.5 to 2.5	Pass
				-30	3.85	-48.237	-0.0193	-2.5 to 2.5	Pass
				-20	3.85	-55.704	-0.0223	-2.5 to 2.5	Pass
				-10	3.85	-54.817	-0.0219	-2.5 to 2.5	Pass
				0	3.85	-31.586	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-45.333	-0.0181	-2.5 to 2.5	Pass
				30	3.85	-22.244	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-48.566	-0.0194	-2.5 to 2.5	Pass
				50	3.85	-20.986	-0.0084	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	17.996	0.0071	-2.5 to 2.5	Pass
					3.85	4.091	0.0016	-2.5 to 2.5	Pass
					4.43	-6.680	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0013	-2.5 to 2.5	Pass

				30	3.85	3.691	0.0015	-2.5 to 2.5	Pass
				40	3.85	9.613	0.0038	-2.5 to 2.5	Pass
				50	3.85	14.749	0.0058	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-6.466	-0.0025	-2.5 to 2.5	Pass
					3.85	-25.105	-0.0098	-2.5 to 2.5	Pass
					4.43	-44.732	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	9.727	0.0038	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-17.624	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-23.704	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-37.065	-0.0144	-2.5 to 2.5	Pass
				40	3.85	-21.415	-0.0083	-2.5 to 2.5	Pass
				50	3.85	1.459	0.0006	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-40.855	-0.0163	-2.5 to 2.5	Pass
					3.85	-48.494	-0.0194	-2.5 to 2.5	Pass
					4.43	-25.492	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-42.701	-0.0171	-2.5 to 2.5	Pass
				-20	3.85	-16.894	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-28.868	-0.0115	-2.5 to 2.5	Pass
				0	3.85	11.988	0.0048	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-16.494	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-31.672	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-43.244	-0.0173	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	15.378	0.0061	-2.5 to 2.5	Pass
					3.85	26.293	0.0104	-2.5 to 2.5	Pass
					4.43	37.136	0.0146	-2.5 to 2.5	Pass
				-30	3.85	37.236	0.0147	-2.5 to 2.5	Pass
				-20	3.85	29.111	0.0115	-2.5 to 2.5	Pass
				-10	3.85	40.326	0.0159	-2.5 to 2.5	Pass
				0	3.85	47.293	0.0187	-2.5 to 2.5	Pass
				10	3.85	31.114	0.0123	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0013	-2.5 to 2.5	Pass
				40	3.85	16.122	0.0064	-2.5 to 2.5	Pass
				50	3.85	27.709	0.0109	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	3.104	0.0012	-2.5 to 2.5	Pass
					3.85	-11.201	-0.0044	-2.5 to 2.5	Pass
					4.43	-18.454	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-30.885	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-37.551	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-14.977	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-21.701	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-17.595	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-23.274	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-12.374	-0.0048	-2.5 to 2.5	Pass
				50	3.85	7.210	0.0028	-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	2.589	0.0010	-2.5 to 2.5	Pass
					3.85	-9.098	-0.0036	-2.5 to 2.5	Pass
					4.43	-34.862	-0.0139	-2.5 to 2.5	Pass
				-30	3.85	-47.779	-0.0191	-2.5 to 2.5	Pass
				-20	3.85	15.321	0.0061	-2.5 to 2.5	Pass

				-10	3.85	7.181	0.0029	-2.5 to 2.5	Pass
				0	3.85	3.734	0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.992	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-30.670	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-43.602	-0.0174	-2.5 to 2.5	Pass
	2535	50	0	50	3.85	1.144	0.0005	-2.5 to 2.5	Pass
				20	3.27	27.823	0.0110	-2.5 to 2.5	Pass
					3.85	4.148	0.0016	-2.5 to 2.5	Pass
					4.43	-17.767	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-11.544	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	7.768	0.0031	-2.5 to 2.5	Pass
				-10	3.85	10.586	0.0042	-2.5 to 2.5	Pass
				0	3.85	33.131	0.0131	-2.5 to 2.5	Pass
				10	3.85	-11.387	-0.0045	-2.5 to 2.5	Pass
				30	3.85	5.035	0.0020	-2.5 to 2.5	Pass
				40	3.85	8.998	0.0035	-2.5 to 2.5	Pass
				50	3.85	23.274	0.0092	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-13.332	-0.0052	-2.5 to 2.5	Pass
					3.85	-34.547	-0.0135	-2.5 to 2.5	Pass
					4.43	-43.674	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	6.709	0.0026	-2.5 to 2.5	Pass
				-20	3.85	8.755	0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-16.294	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-24.705	-0.0096	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0007	-2.5 to 2.5	Pass
				40	3.85	-27.366	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-44.789	-0.0175	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-21.458	-0.0086	-2.5 to 2.5	Pass
					3.85	-41.327	-0.0165	-2.5 to 2.5	Pass
					4.43	-1.259	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-14.005	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-15.793	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-29.397	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-23.561	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-43.387	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-16.093	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-22.874	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-15.249	-0.0061	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	34.890	0.0138	-2.5 to 2.5	Pass
					3.85	8.912	0.0035	-2.5 to 2.5	Pass
					4.43	9.027	0.0036	-2.5 to 2.5	Pass
				-30	3.85	18.454	0.0073	-2.5 to 2.5	Pass
				-20	3.85	31.614	0.0125	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0006	-2.5 to 2.5	Pass
				0	3.85	8.297	0.0033	-2.5 to 2.5	Pass
				10	3.85	18.168	0.0072	-2.5 to 2.5	Pass
				30	3.85	26.336	0.0104	-2.5 to 2.5	Pass
				40	3.85	32.902	0.0130	-2.5 to 2.5	Pass
				50	3.85	39.597	0.0156	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-24.905	-0.0097	-2.5 to 2.5	Pass
					3.85	-28.954	-0.0113	-2.5 to 2.5	Pass
					4.43	-40.956	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-47.822	-0.0186	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.735	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-11.129	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-14.248	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-15.693	-0.0061	-2.5 to 2.5	Pass

				40	3.85	-12.360	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-22.960	-0.0090	-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	7.668	0.0031	-2.5 to 2.5	Pass
					3.85	-42.257	-0.0169	-2.5 to 2.5	Pass
					4.43	-13.647	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-9.942	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-10.958	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-22.502	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-36.163	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-50.225	-0.0200	-2.5 to 2.5	Pass
				30	3.85	-30.055	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-39.167	-0.0156	-2.5 to 2.5	Pass
				50	3.85	-51.599	-0.0206	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	13.475	0.0053	-2.5 to 2.5	Pass
					3.85	3.233	0.0013	-2.5 to 2.5	Pass
					4.43	9.785	0.0039	-2.5 to 2.5	Pass
				-30	3.85	14.505	0.0057	-2.5 to 2.5	Pass
				-20	3.85	25.363	0.0100	-2.5 to 2.5	Pass
				-10	3.85	26.994	0.0106	-2.5 to 2.5	Pass
				0	3.85	37.065	0.0146	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.005	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	12.374	0.0048	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
					4.43	-13.390	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-12.016	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-18.454	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	3.977	0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-12.059	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-41.456	-0.0162	-2.5 to 2.5	Pass
				40	3.85	-6.380	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-27.423	-0.0107	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-4.721	-0.0019	-2.5 to 2.5	Pass
					3.85	-20.542	-0.0082	-2.5 to 2.5	Pass
					4.43	-25.291	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-31.171	-0.0124	-2.5 to 2.5	Pass
				-20	3.85	-31.486	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-28.625	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-29.955	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-31.571	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-35.176	-0.0140	-2.5 to 2.5	Pass
				40	3.85	-36.778	-0.0147	-2.5 to 2.5	Pass
				50	3.85	-32.401	-0.0129	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	10.457	0.0041	-2.5 to 2.5	Pass
					3.85	24.605	0.0097	-2.5 to 2.5	Pass
					4.43	26.293	0.0104	-2.5 to 2.5	Pass
				-30	3.85	40.612	0.0160	-2.5 to 2.5	Pass
				-20	3.85	5.279	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.020	-0.0016	-2.5 to 2.5	Pass

				0	3.85	8.883	0.0035	-2.5 to 2.5	Pass
				10	3.85	25.148	0.0099	-2.5 to 2.5	Pass
				30	3.85	2.904	0.0011	-2.5 to 2.5	Pass
				40	3.85	3.848	0.0015	-2.5 to 2.5	Pass
				50	3.85	22.430	0.0088	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-45.919	-0.0179	-2.5 to 2.5	Pass
					3.85	-49.539	-0.0193	-2.5 to 2.5	Pass
					4.43	-32.244	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-36.163	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-41.828	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-42.200	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-41.857	-0.0163	-2.5 to 2.5	Pass
				10	3.85	-29.926	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-32.058	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-40.412	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-40.126	-0.0157	-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	-3.247	-0.0013	-2.5 to 2.5	Pass
					3.85	-24.405	-0.0097	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-12.202	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-17.409	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-27.208	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-34.490	-0.0137	-2.5 to 2.5	Pass
				10	3.85	8.955	0.0036	-2.5 to 2.5	Pass
				30	3.85	-2.661	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-31.800	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-32.172	-0.0128	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	25.334	0.0100	-2.5 to 2.5	Pass
					3.85	31.786	0.0125	-2.5 to 2.5	Pass
					4.43	36.521	0.0144	-2.5 to 2.5	Pass
				-30	3.85	36.235	0.0143	-2.5 to 2.5	Pass
				-20	3.85	40.526	0.0160	-2.5 to 2.5	Pass
				-10	3.85	11.015	0.0043	-2.5 to 2.5	Pass
				0	3.85	28.925	0.0114	-2.5 to 2.5	Pass
				10	3.85	32.001	0.0126	-2.5 to 2.5	Pass
				30	3.85	20.242	0.0080	-2.5 to 2.5	Pass
				40	3.85	-13.218	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-9.956	-0.0039	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-15.063	-0.0059	-2.5 to 2.5	Pass
					3.85	1.259	0.0005	-2.5 to 2.5	Pass
					4.43	15.121	0.0059	-2.5 to 2.5	Pass
				-30	3.85	8.998	0.0035	-2.5 to 2.5	Pass
				-20	3.85	2.661	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-29.426	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-10.672	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-26.622	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				50	3.85	13.618	0.0053	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-44.703	-0.0178	-2.5 to 2.5	Pass
					3.85	-41.256	-0.0164	-2.5 to 2.5	Pass
					4.43	-6.824	-0.0027	-2.5 to 2.5	Pass

				-30	3.85	-6.709	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-9.756	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-14.362	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-6.881	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-14.105	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-15.378	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-26.236	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-11.973	-0.0048	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	3.648	0.0014	-2.5 to 2.5	Pass
					3.85	14.777	0.0058	-2.5 to 2.5	Pass
					4.43	27.423	0.0108	-2.5 to 2.5	Pass
				-30	3.85	9.899	0.0039	-2.5 to 2.5	Pass
				-20	3.85	28.310	0.0112	-2.5 to 2.5	Pass
				-10	3.85	37.565	0.0148	-2.5 to 2.5	Pass
				0	3.85	-12.503	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
				30	3.85	6.981	0.0028	-2.5 to 2.5	Pass
				40	3.85	14.634	0.0058	-2.5 to 2.5	Pass
				50	3.85	16.866	0.0067	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	32.759	0.0128	-2.5 to 2.5	Pass
					3.85	36.149	0.0141	-2.5 to 2.5	Pass
					4.43	20.027	0.0078	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	25.978	0.0101	-2.5 to 2.5	Pass
				-10	3.85	24.118	0.0094	-2.5 to 2.5	Pass
				0	3.85	5.636	0.0022	-2.5 to 2.5	Pass
				10	3.85	26.350	0.0103	-2.5 to 2.5	Pass
				30	3.85	40.183	0.0157	-2.5 to 2.5	Pass
				40	3.85	43.459	0.0170	-2.5 to 2.5	Pass
				50	3.85	17.395	0.0068	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

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

3.1.2 B7_10MHz

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

3.1.3 B7_15MHz

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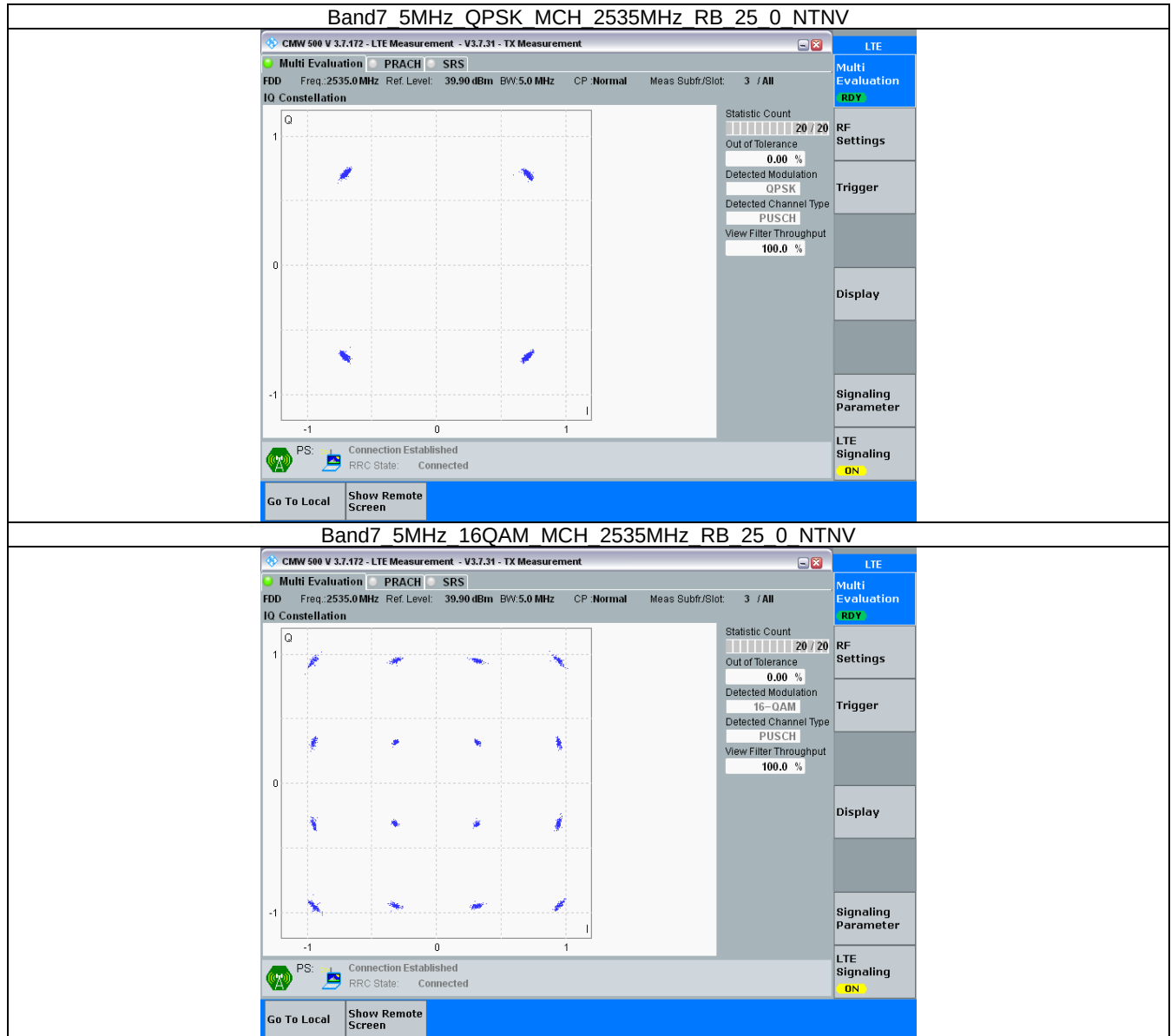
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

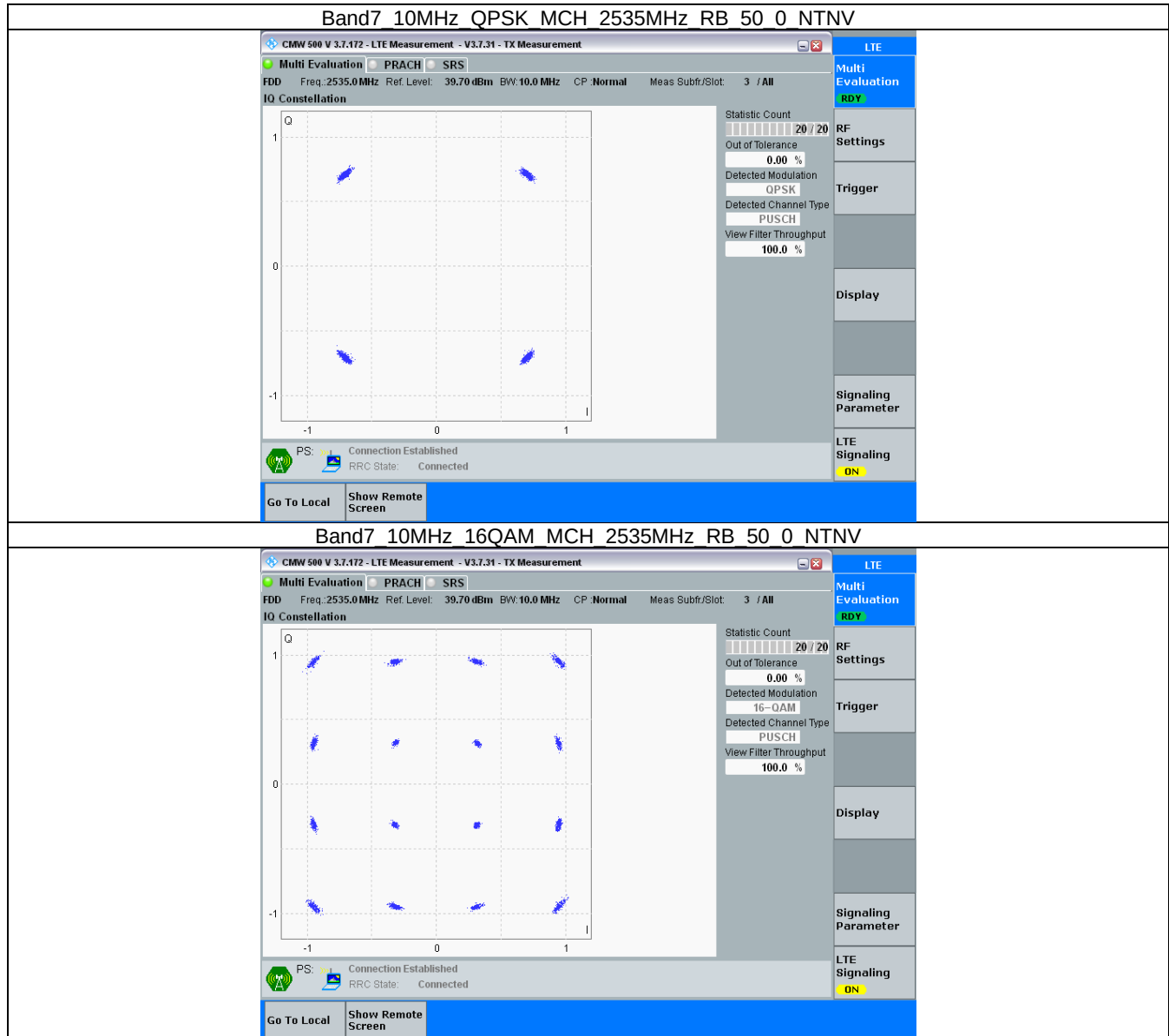
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

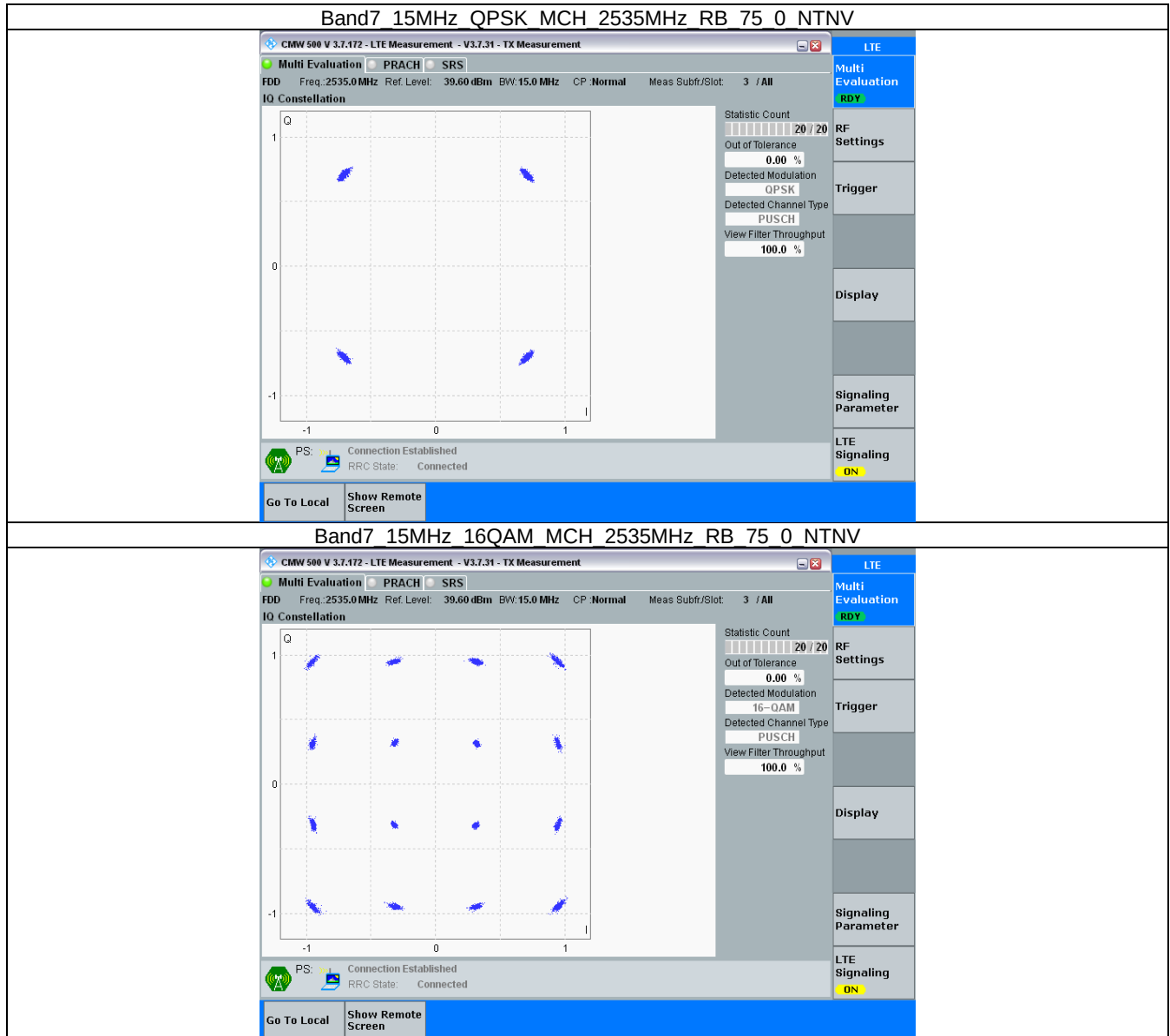
3.2.1 B7_5MHz



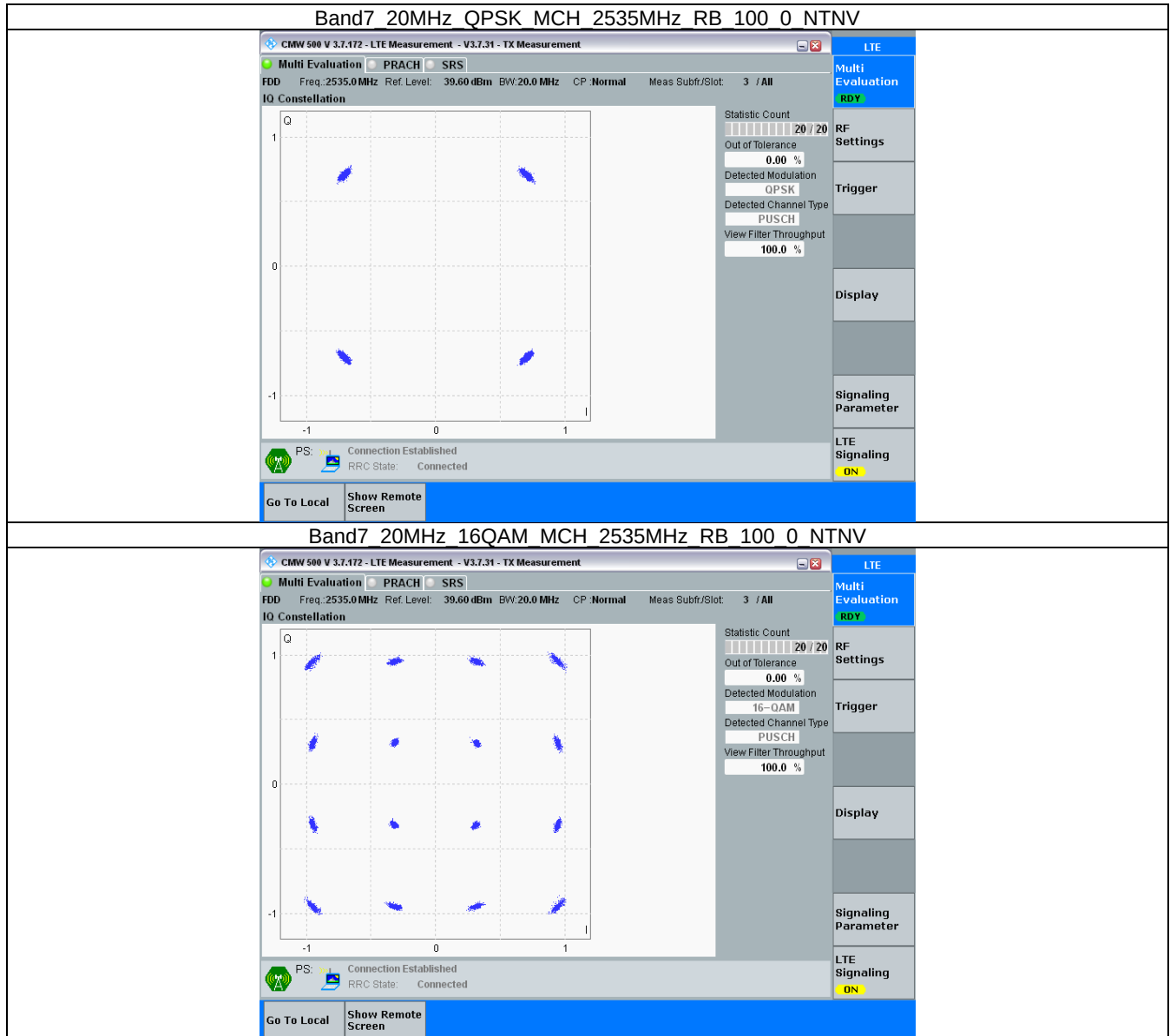
3.2.2 B7_10MHz



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 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.539	/	Pass
		2535	25	0	4.557	/	Pass
		2567.5	25	0	4.552	/	Pass
	16QAM	2502.5	25	0	4.556	/	Pass
		2535	25	0	4.556	/	Pass
		2567.5	25	0	4.547	/	Pass
10	QPSK	2505	50	0	9.068	/	Pass
		2535	50	0	9.059	/	Pass
		2565	50	0	9.033	/	Pass
	16QAM	2505	50	0	9.082	/	Pass
		2535	50	0	9.062	/	Pass
		2565	50	0	9.060	/	Pass
15	QPSK	2507.5	75	0	13.578	/	Pass
		2535	75	0	13.614	/	Pass
		2562.5	75	0	13.567	/	Pass
	16QAM	2507.5	75	0	13.595	/	Pass
		2535	75	0	13.581	/	Pass
		2562.5	75	0	13.612	/	Pass
20	QPSK	2510	100	0	18.116	/	Pass
		2535	100	0	18.161	/	Pass
		2560	100	0	18.075	/	Pass
	16QAM	2510	100	0	18.218	/	Pass
		2535	100	0	18.111	/	Pass
		2560	100	0	18.117	/	Pass

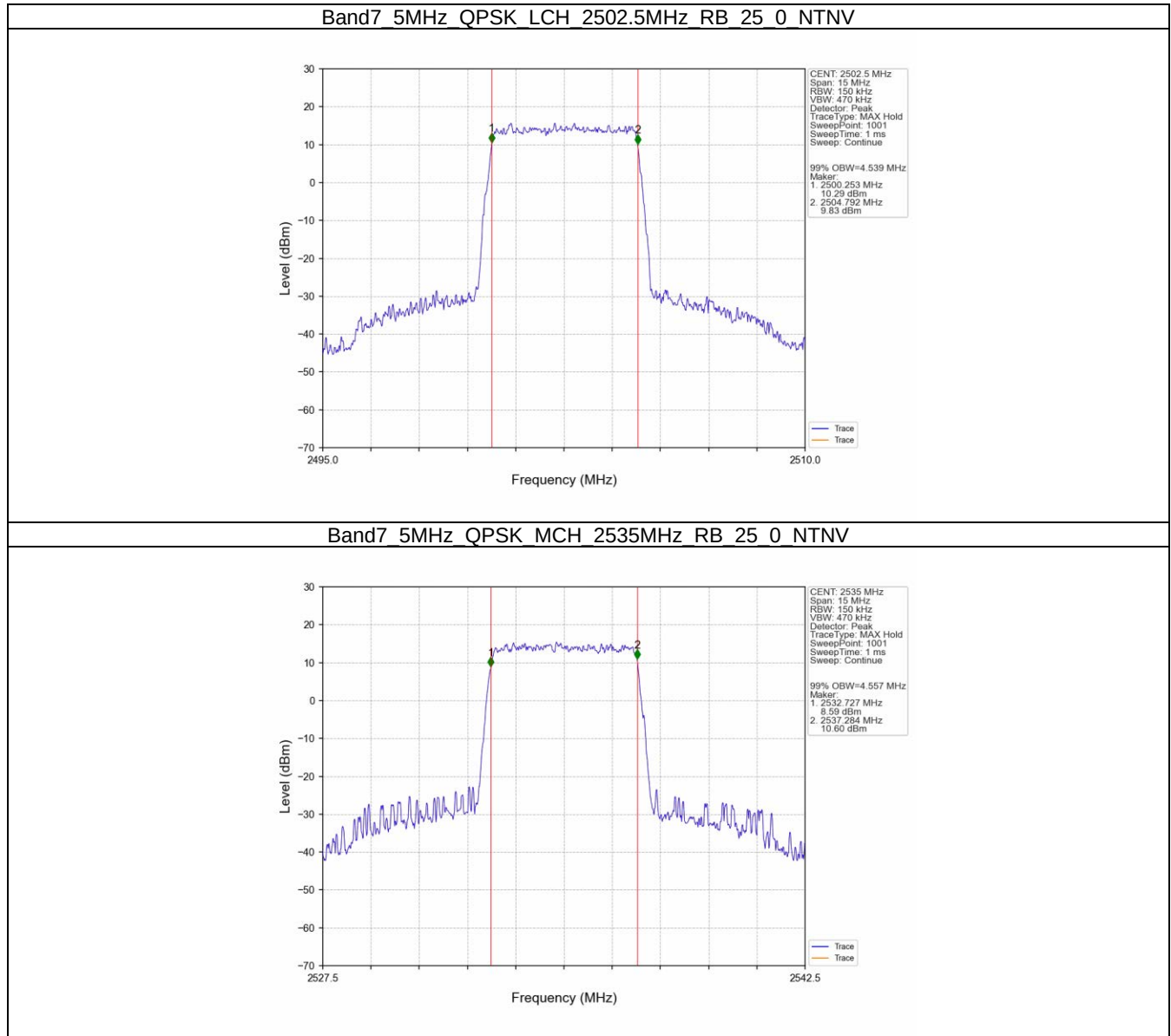
4.1.2 Band7_XDB

Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.064	/	Pass
		2535	25	0	5.053	/	Pass
		2567.5	25	0	5.068	/	Pass
	16QAM	2502.5	25	0	5.083	/	Pass
		2535	25	0	5.081	/	Pass
		2567.5	25	0	5.052	/	Pass
10	QPSK	2505	50	0	10.061	/	Pass
		2535	50	0	10.068	/	Pass
		2565	50	0	10.007	/	Pass
	16QAM	2505	50	0	10.052	/	Pass
		2535	50	0	10.045	/	Pass
		2565	50	0	10.047	/	Pass
15	QPSK	2507.5	75	0	15.219	/	Pass
		2535	75	0	15.126	/	Pass
		2562.5	75	0	15.114	/	Pass

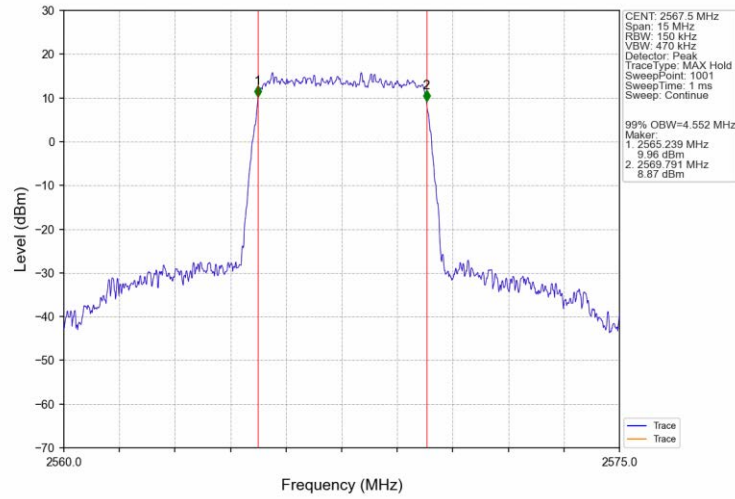
20	16QAM	2507.5	75	0	15.144	/	Pass
		2535	75	0	15.059	/	Pass
		2562.5	75	0	15.209	/	Pass
	QPSK	2510	100	0	19.943	/	Pass
		2535	100	0	20.077	/	Pass
		2560	100	0	19.887	/	Pass
	16QAM	2510	100	0	20.101	/	Pass
		2535	100	0	19.964	/	Pass
		2560	100	0	20.078	/	Pass

4.2 Test Graph

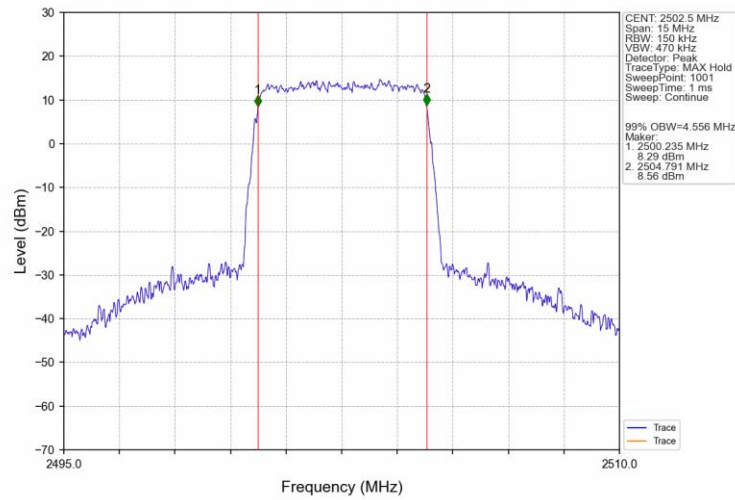
4.2.1 Band7_OBW



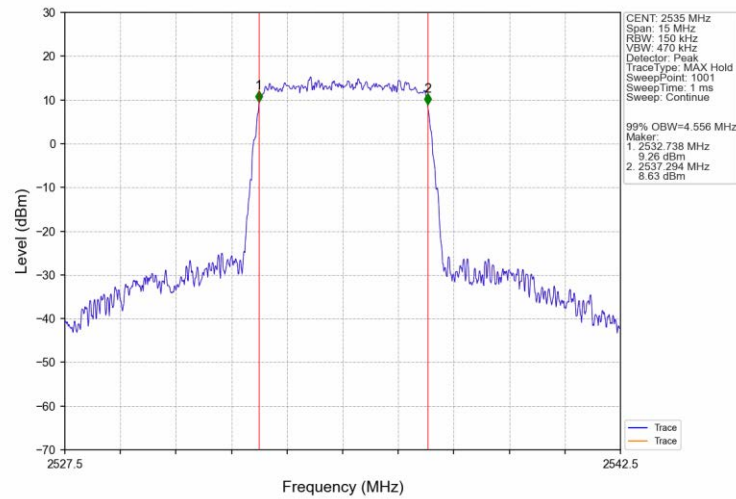
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



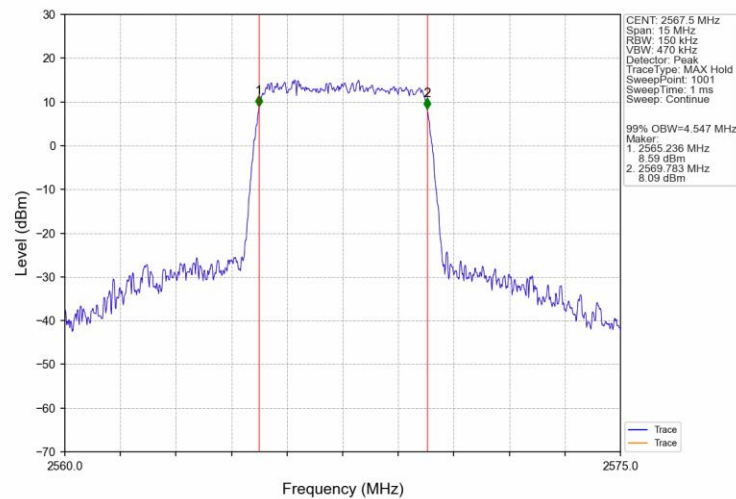
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



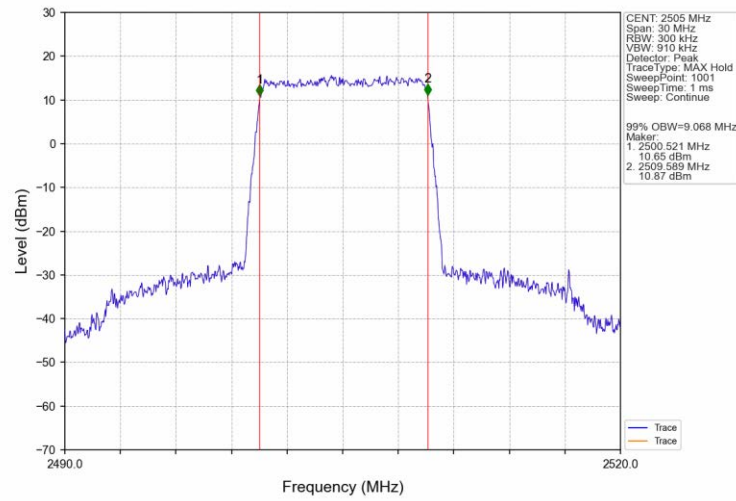
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



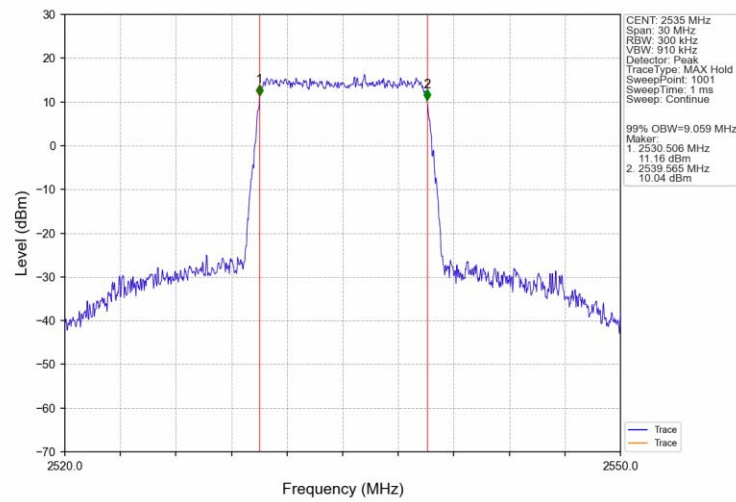
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



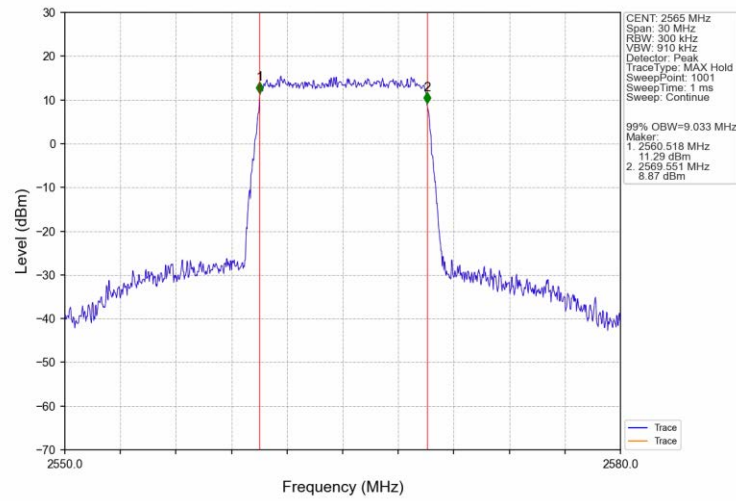
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



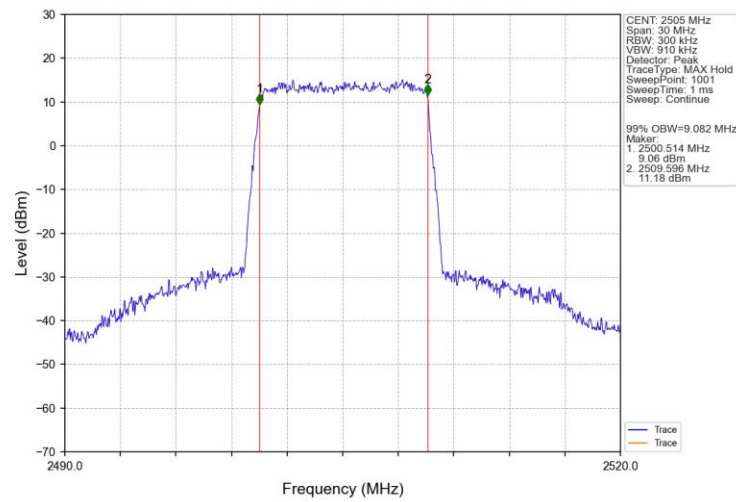
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



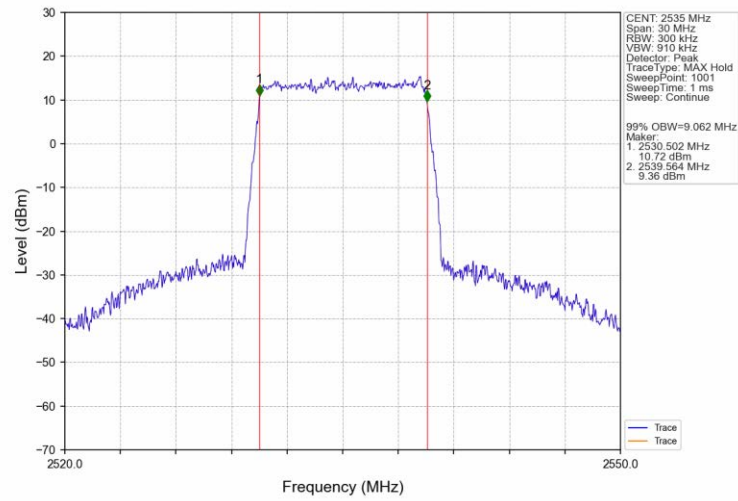
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



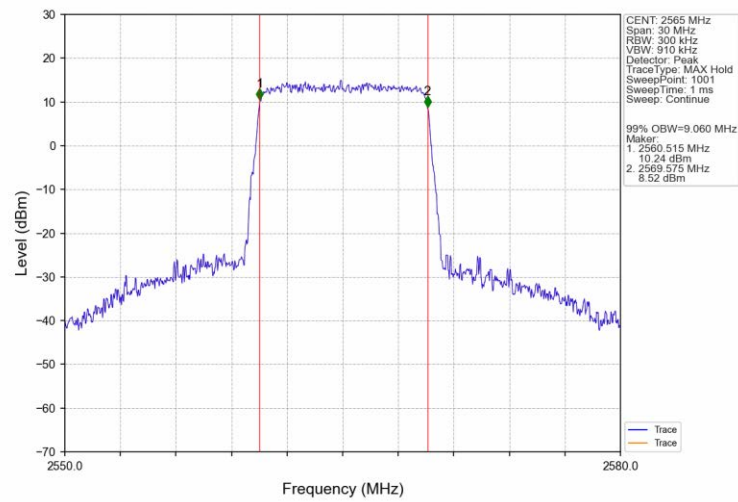
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



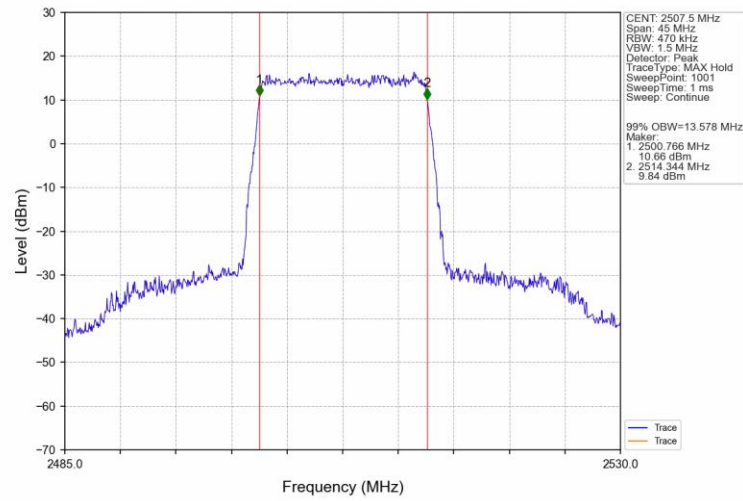
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



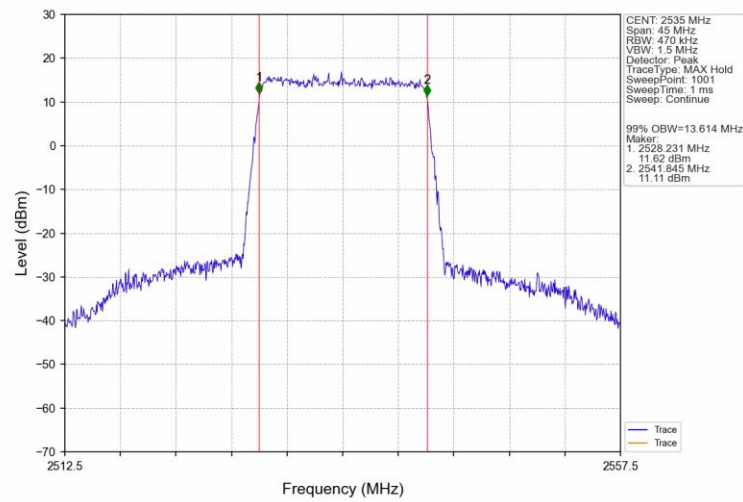
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



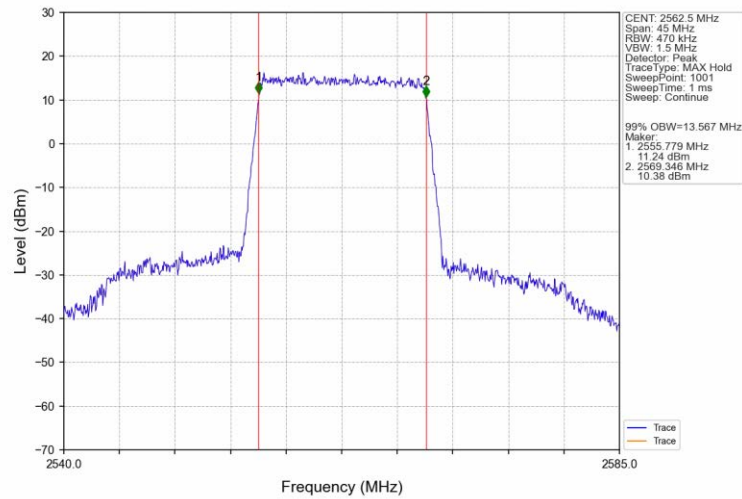
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



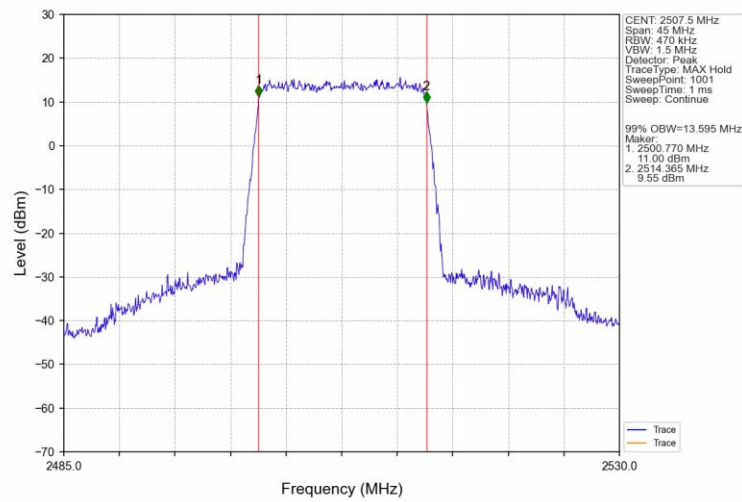
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



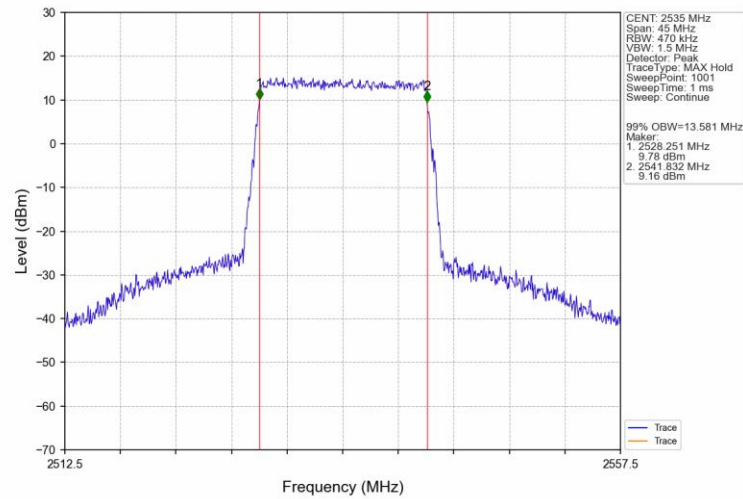
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



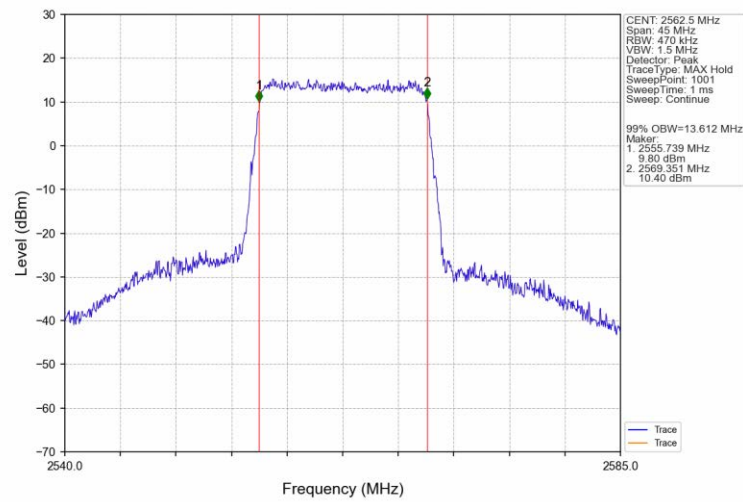
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



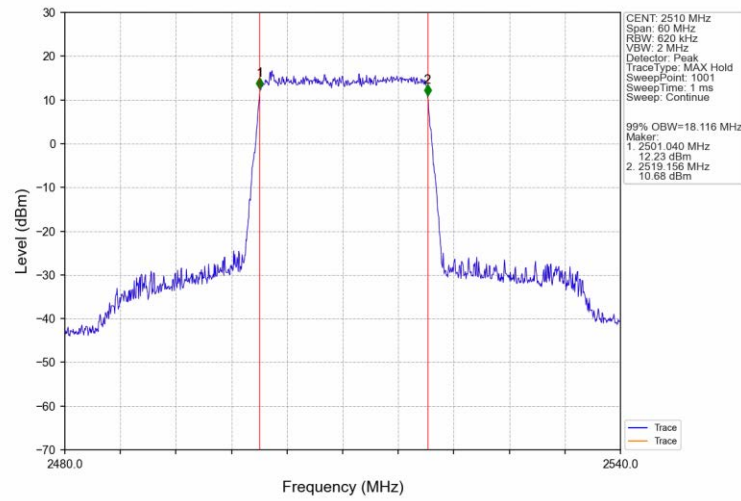
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



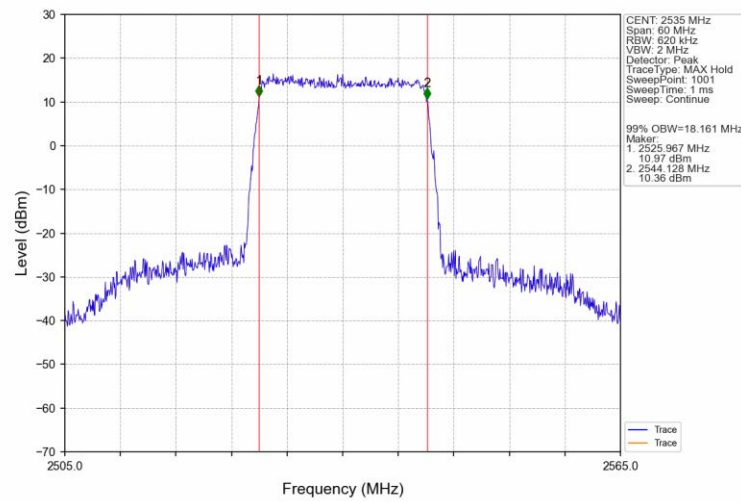
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



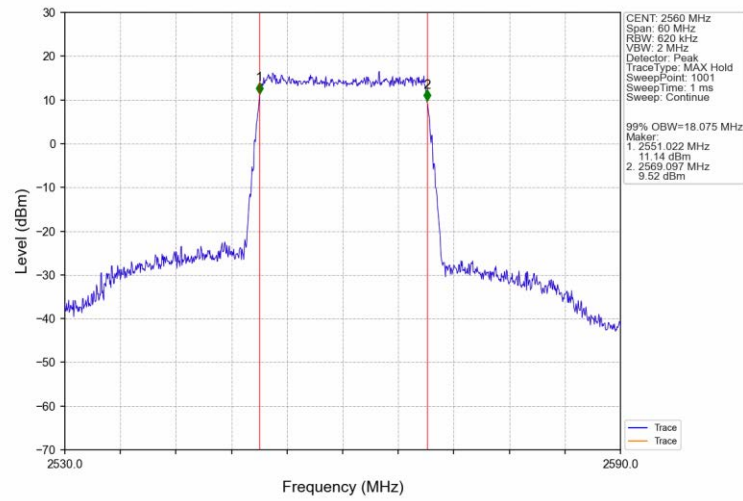
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



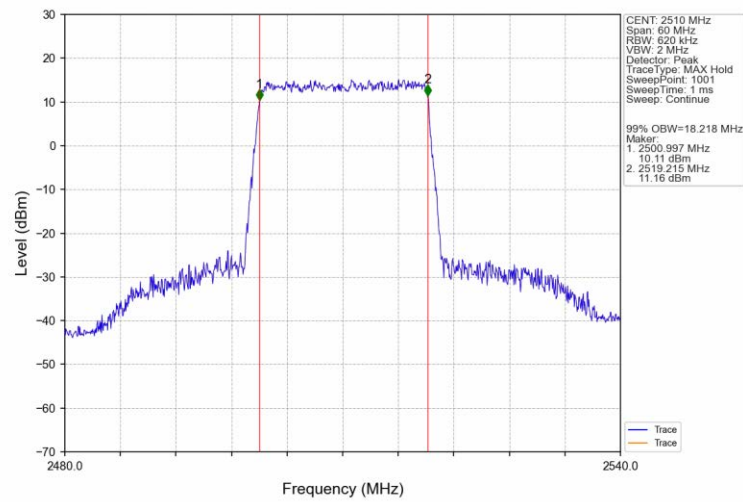
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



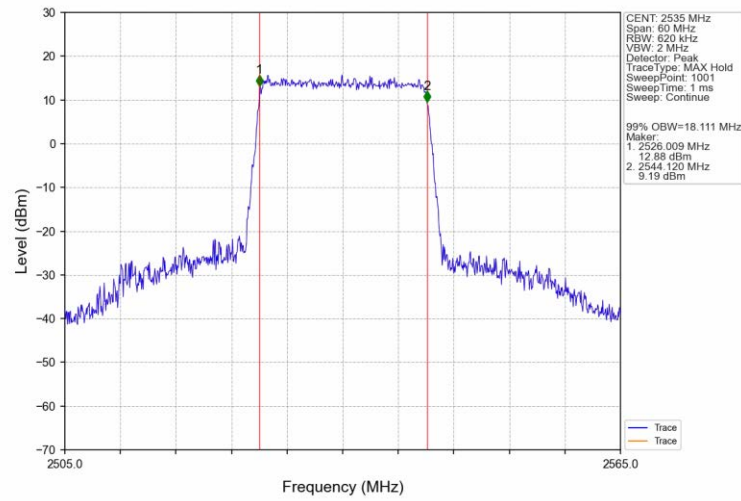
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



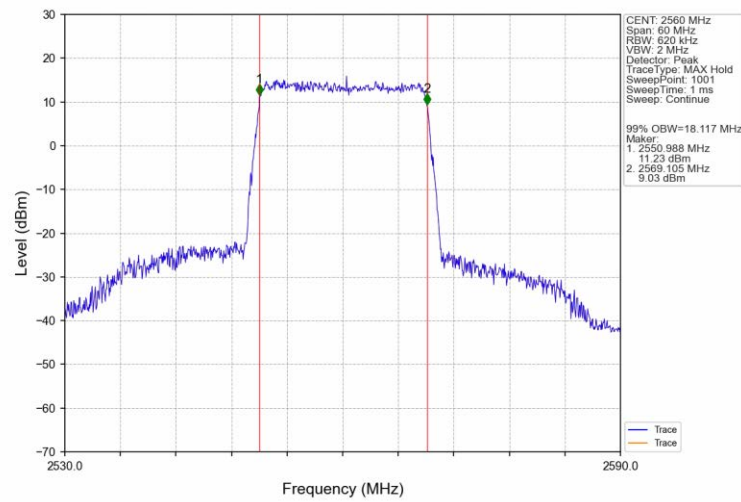
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

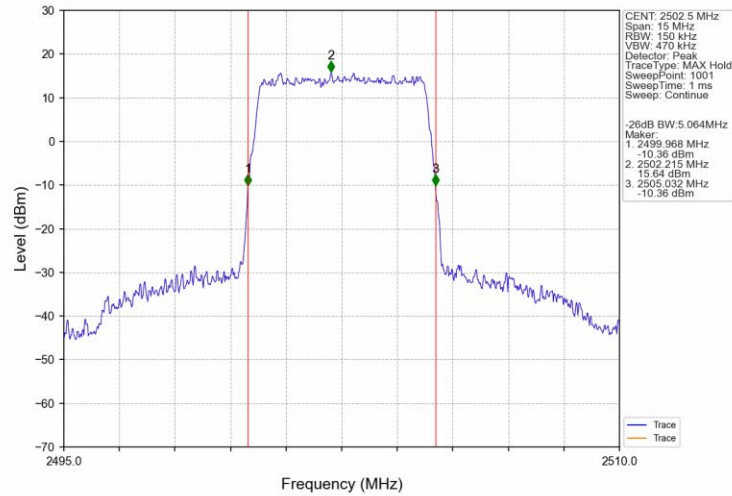


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

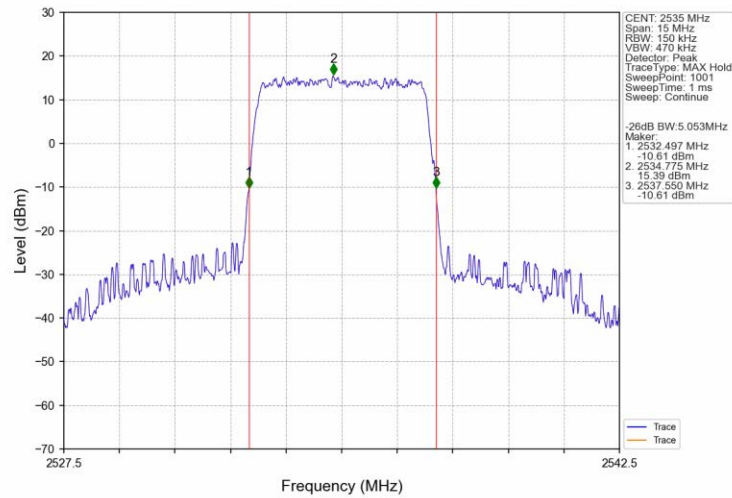


4.2.2 Band7_XDB

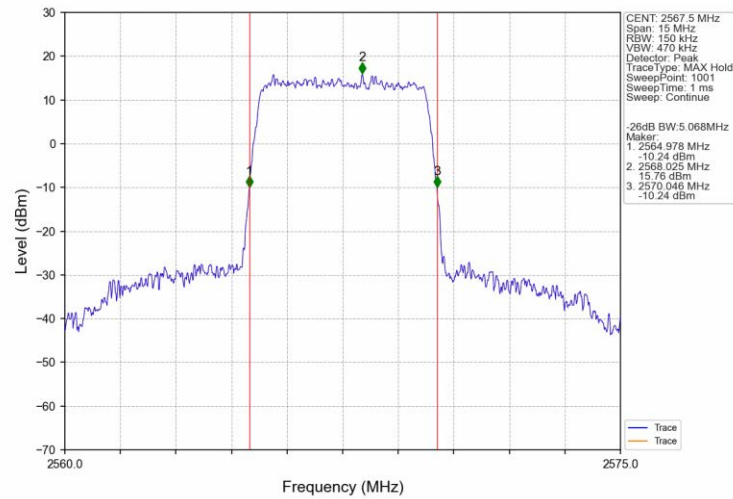
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



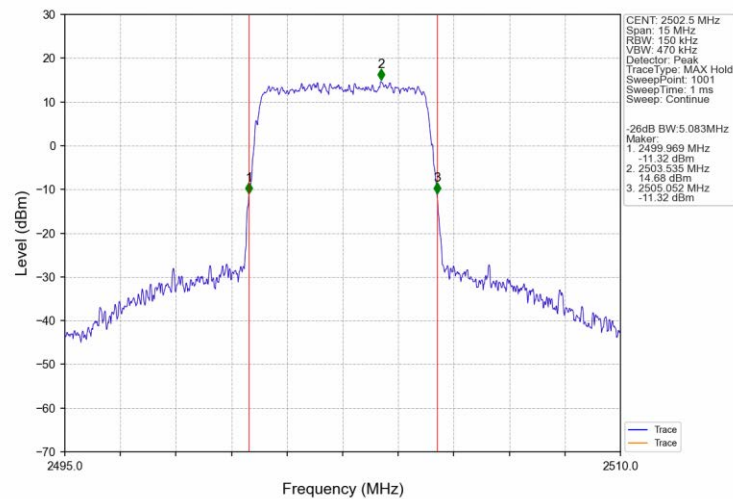
Band7 5MHz QPSK MCH 2535MHz RB 25 0 NTNV



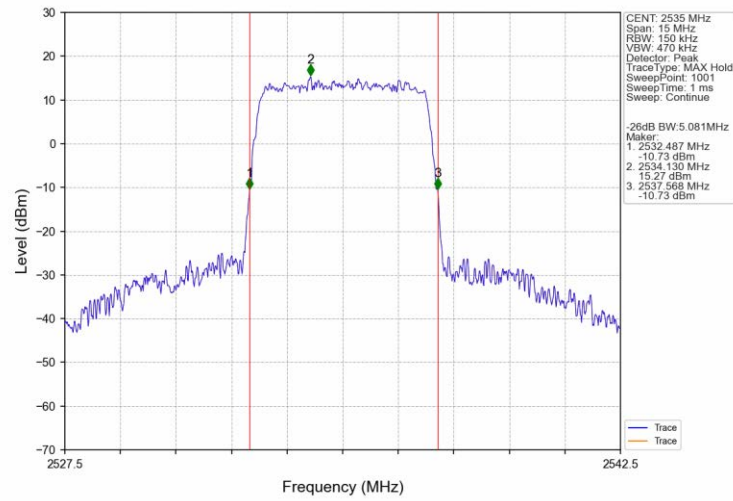
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



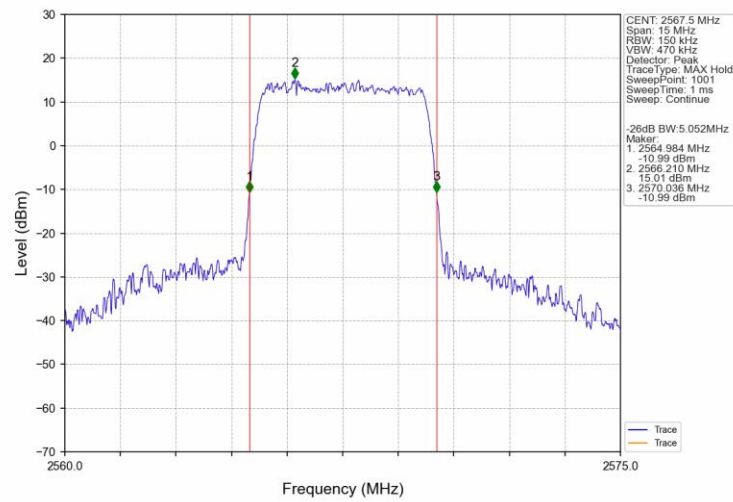
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



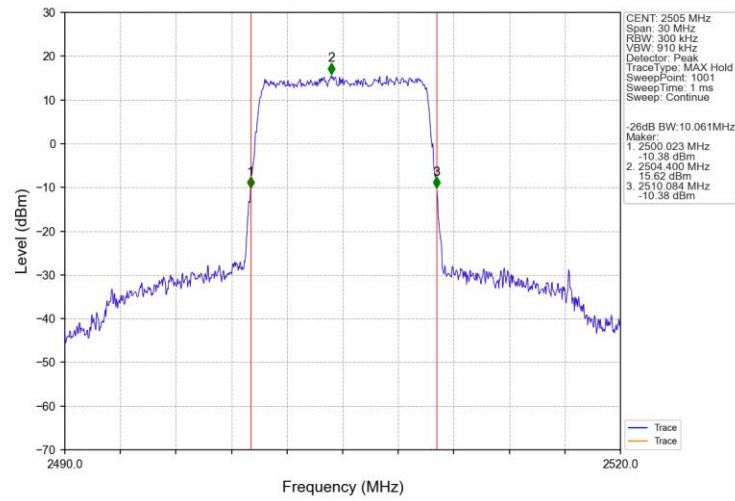
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



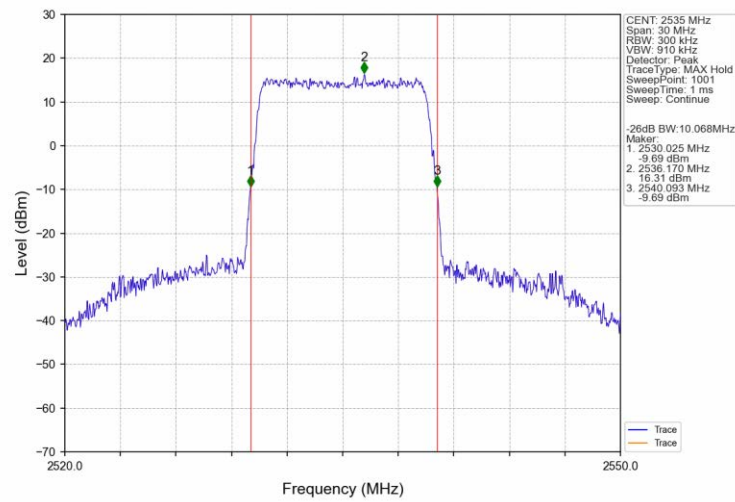
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



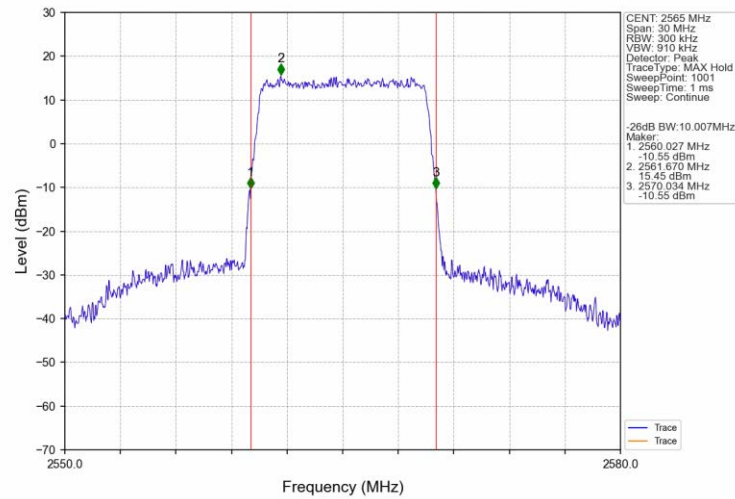
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



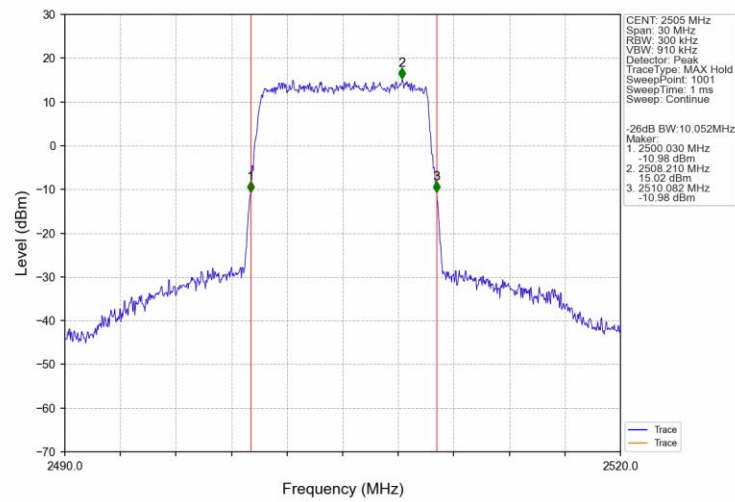
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



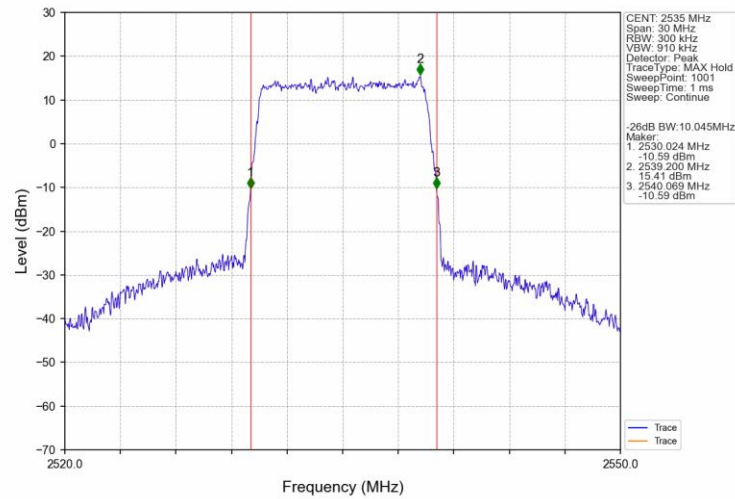
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



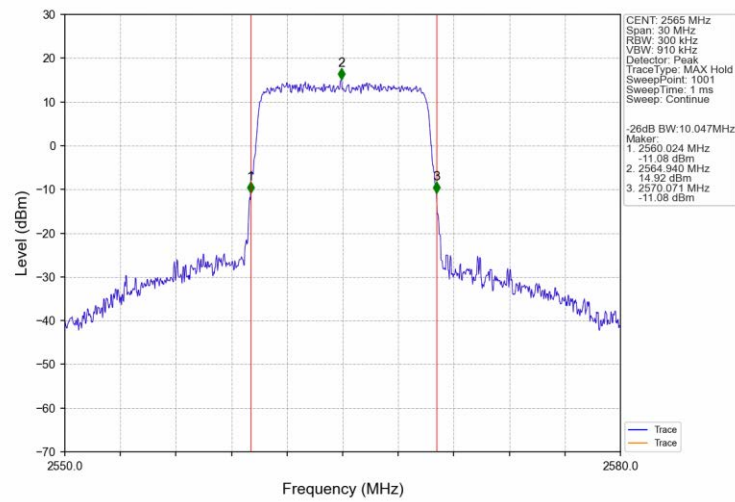
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



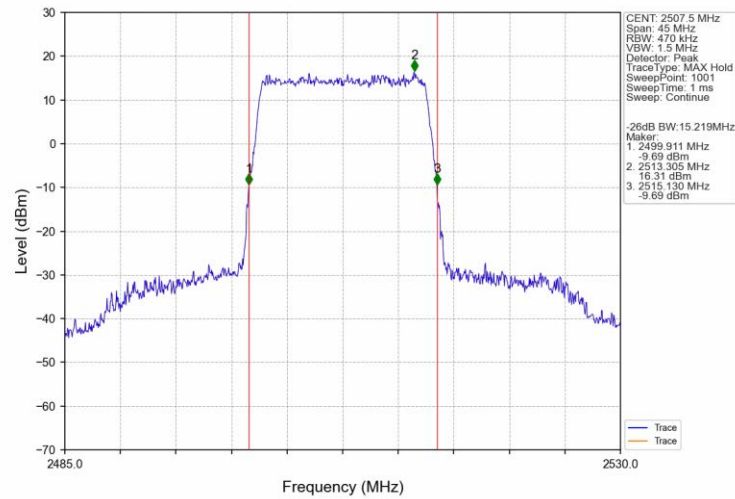
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



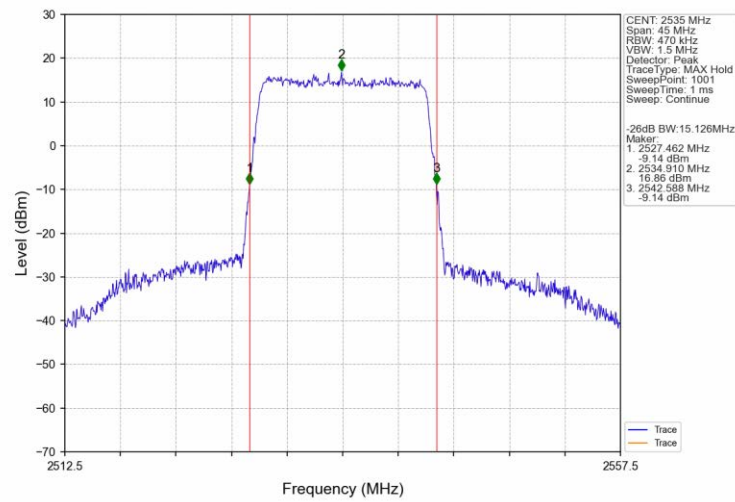
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



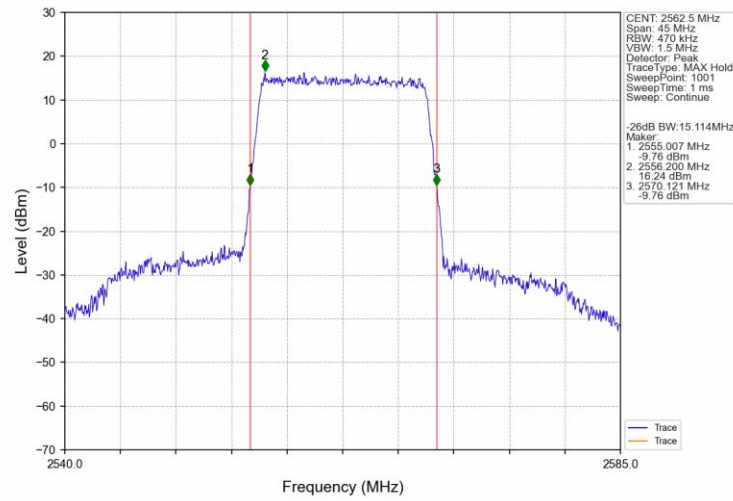
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



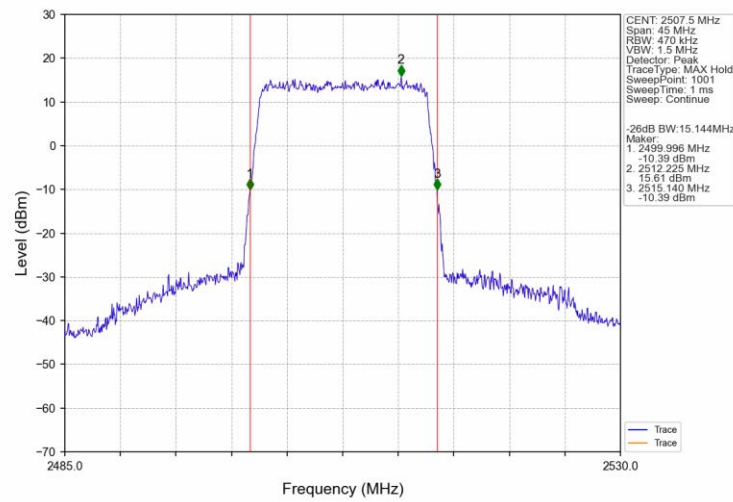
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



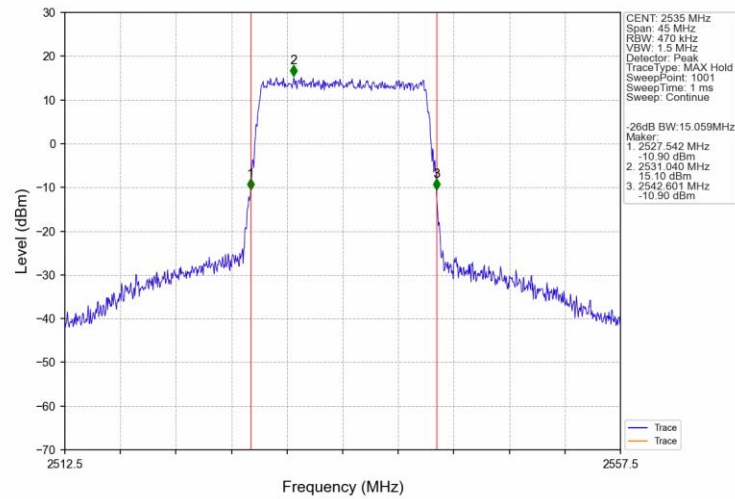
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



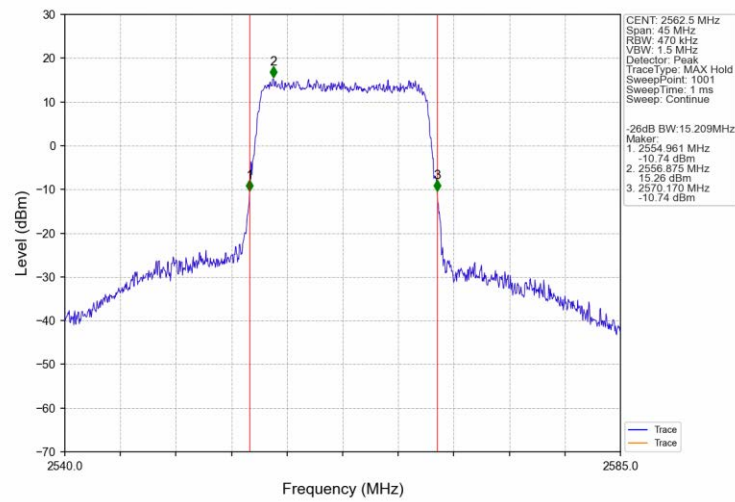
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



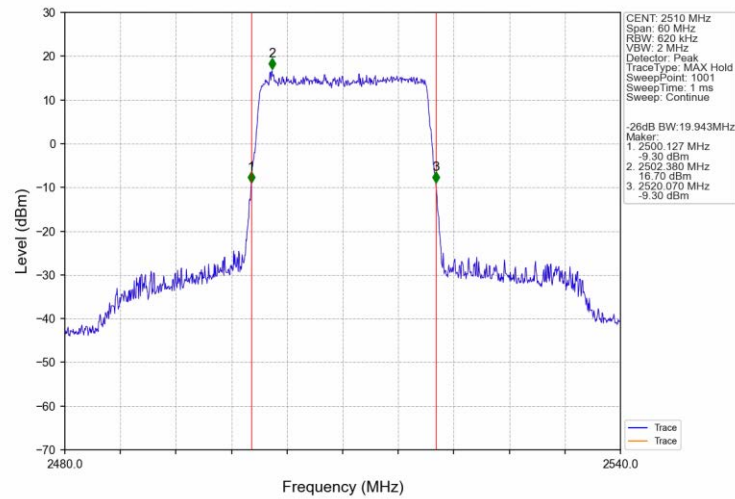
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



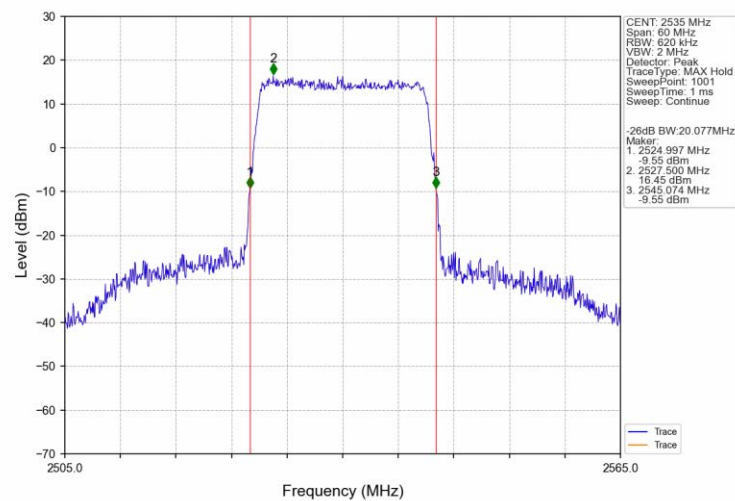
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



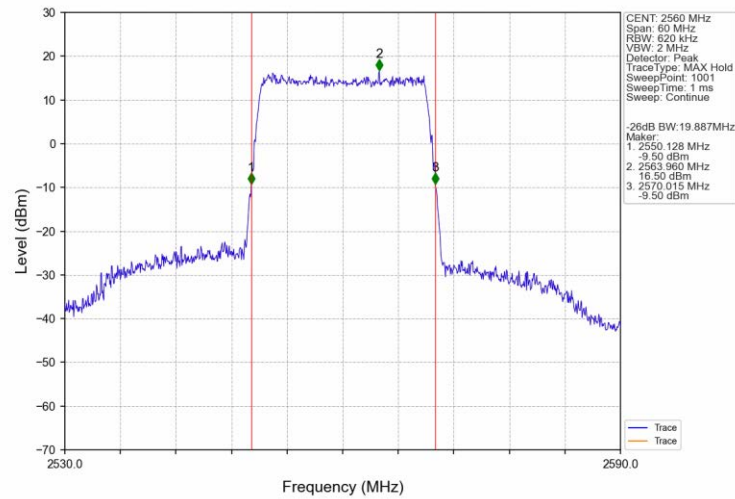
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



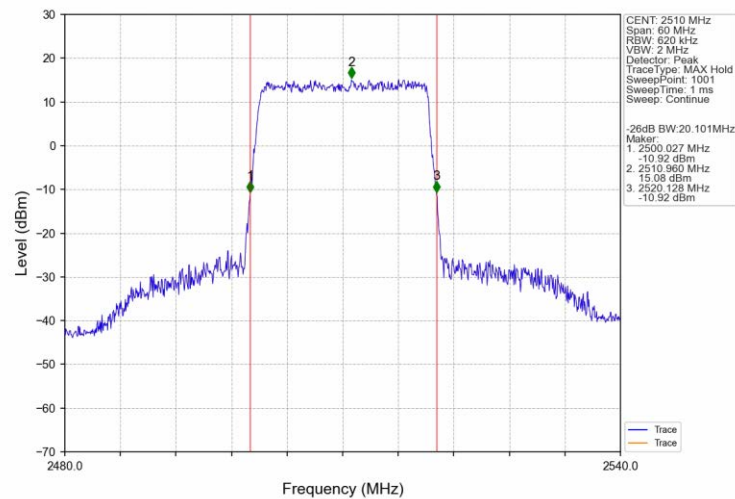
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



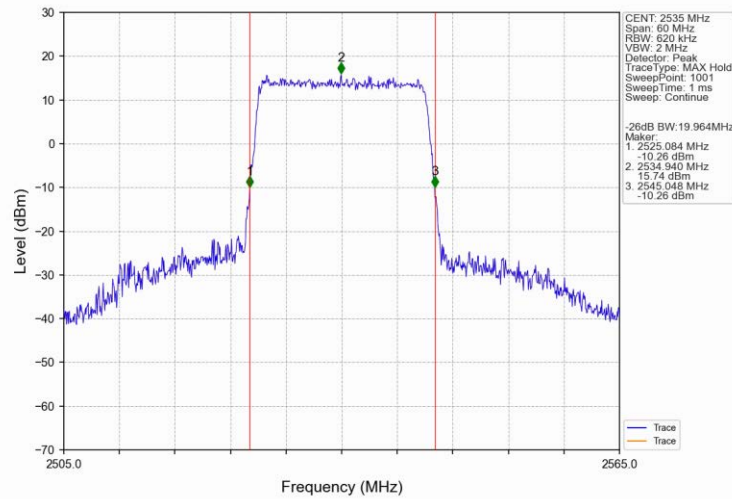
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



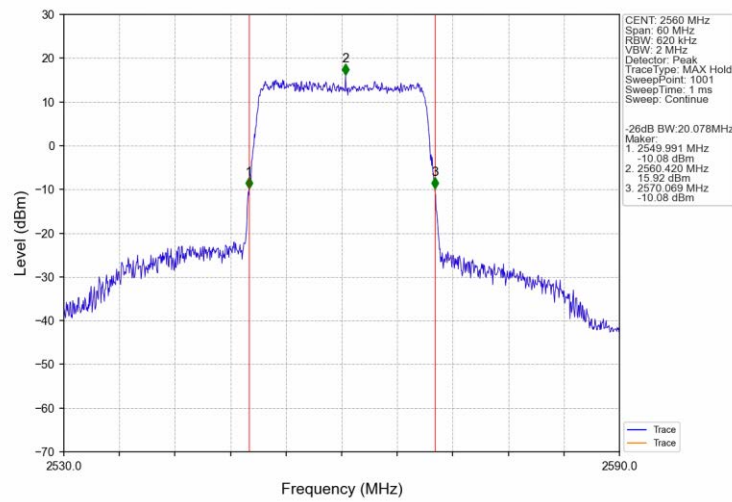
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	5.64	<=13	Pass
16QAM	2502.5	25	0	6.26	<=13	Pass
	2535	25	0	6.27	<=13	Pass
	2567.5	25	0	6.26	<=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	5.59	<=13	Pass
	2535	50	0	5.56	<=13	Pass
	2565	50	0	5.62	<=13	Pass
16QAM	2505	50	0	6.25	<=13	Pass
	2535	50	0	6.30	<=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	5.19	<=13	Pass
	2535	75	0	5.15	<=13	Pass
	2562.5	75	0	5.18	<=13	Pass
16QAM	2507.5	75	0	6.16	<=13	Pass
	2535	75	0	6.16	<=13	Pass
	2562.5	75	0	6.20	<=13	Pass

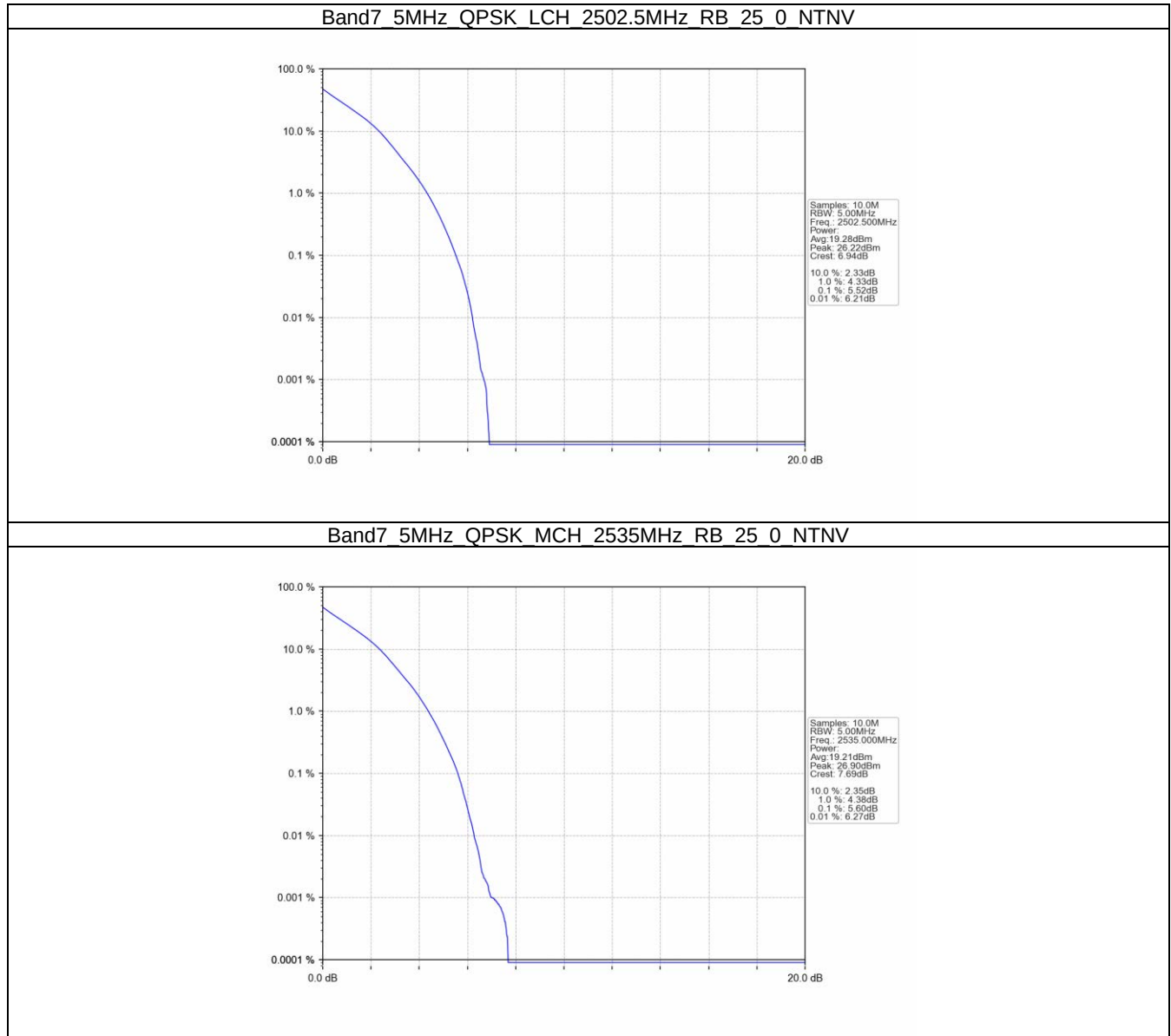
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.62	<=13	Pass
	2535	100	0	5.66	<=13	Pass
	2560	100	0	5.68	<=13	Pass
16QAM	2510	100	0	6.59	<=13	Pass
	2535	100	0	6.58	<=13	Pass
	2560	100	0	6.58	<=13	Pass

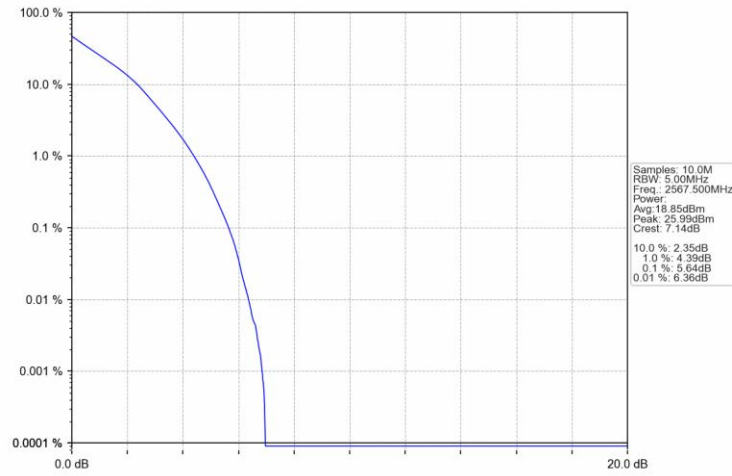


5.2 Test Graph

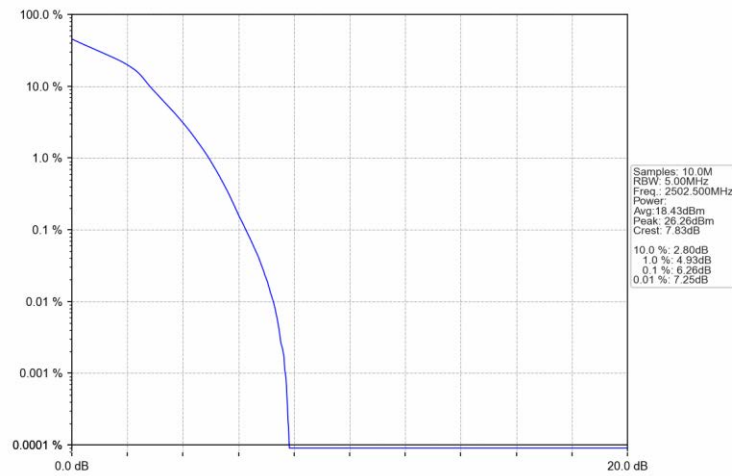
5.2.1 B7_5MHz



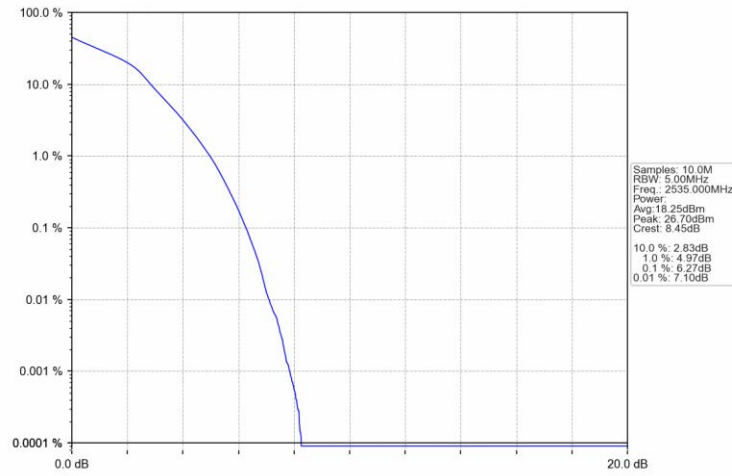
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



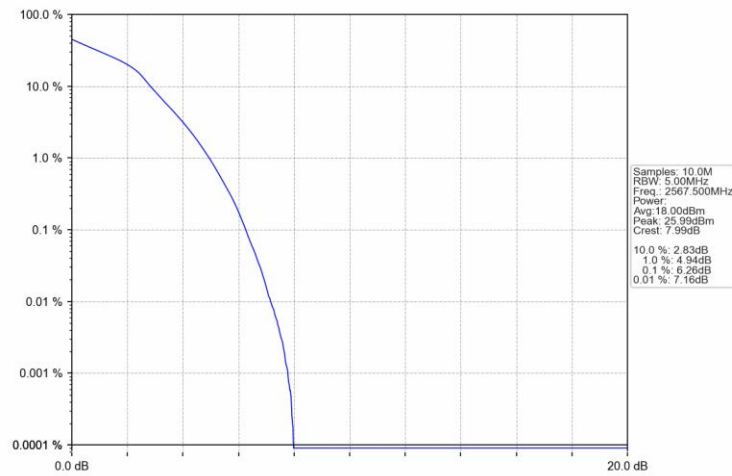
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

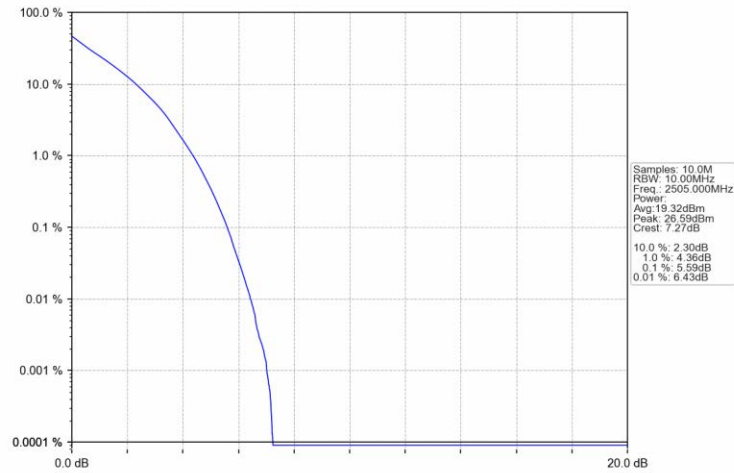


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

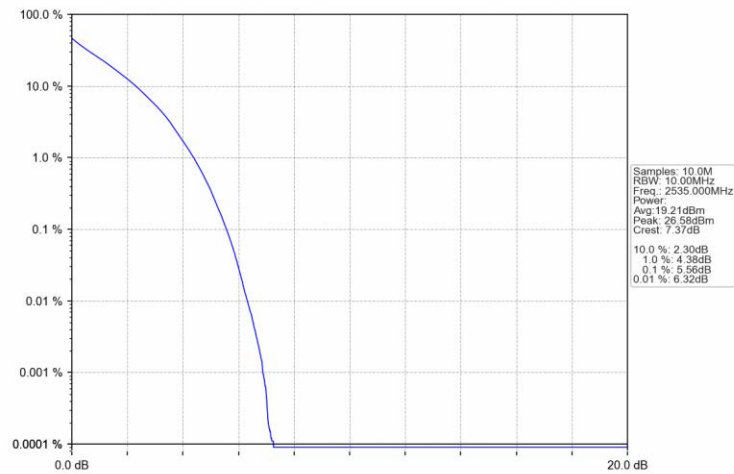


5.2.2 B7_10MHz

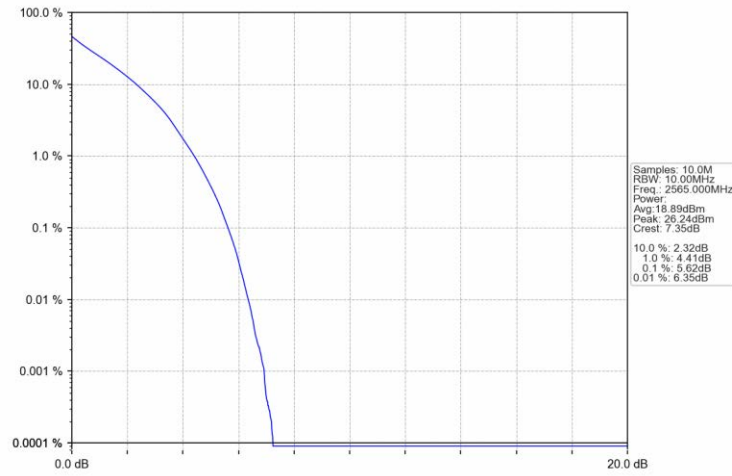
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



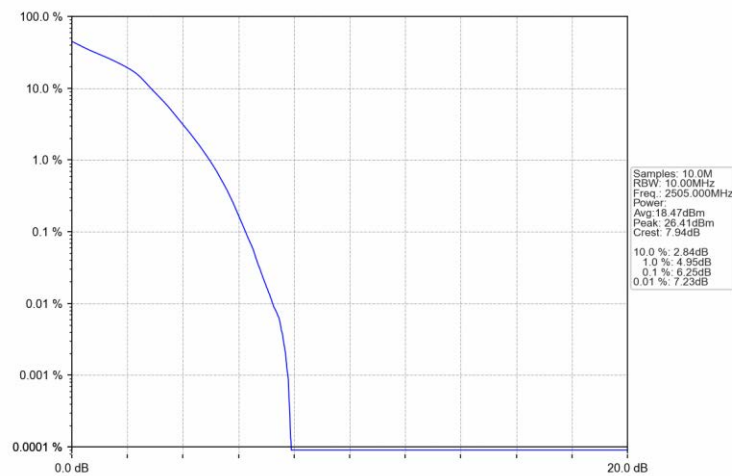
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



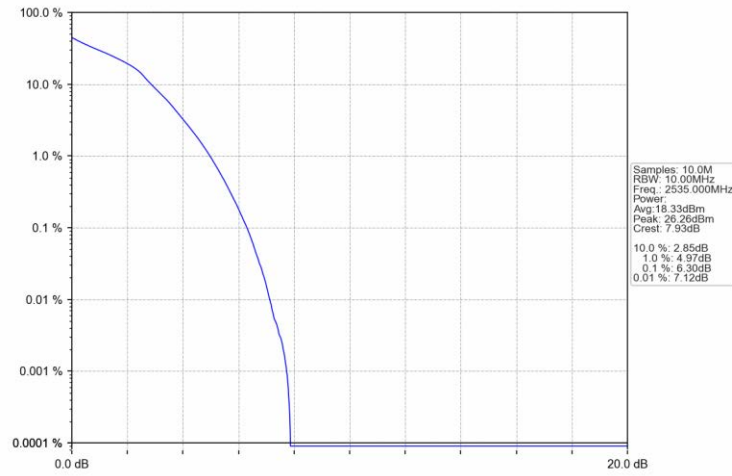
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



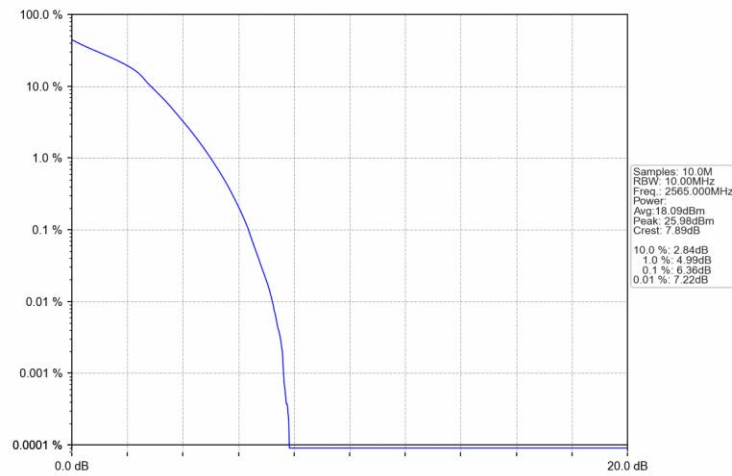
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

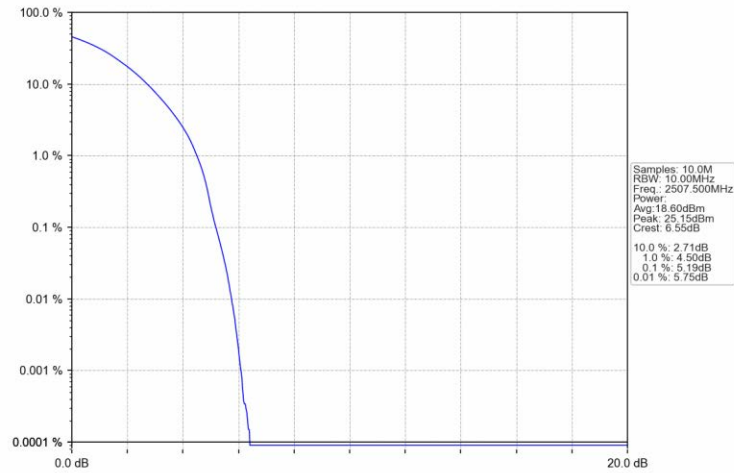


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

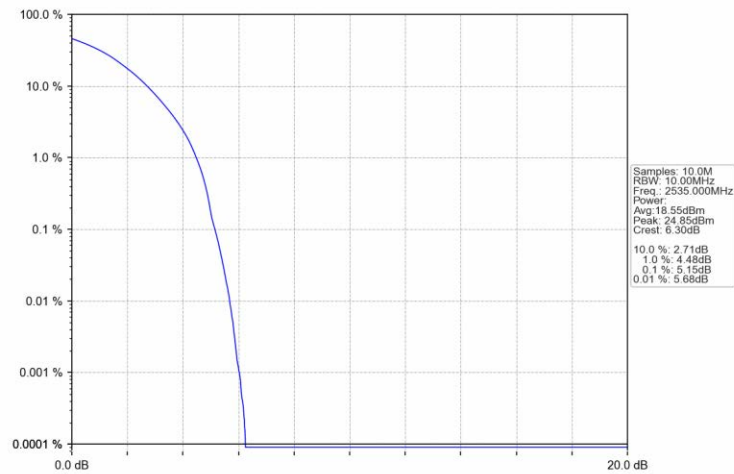


5.2.3 B7_15MHz

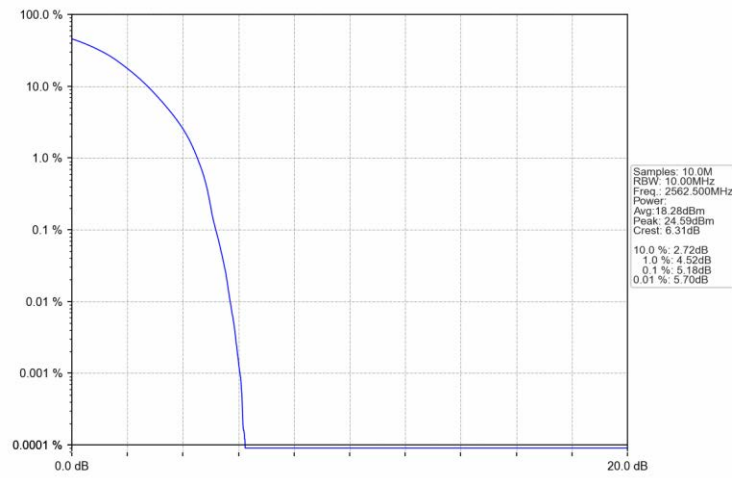
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTV



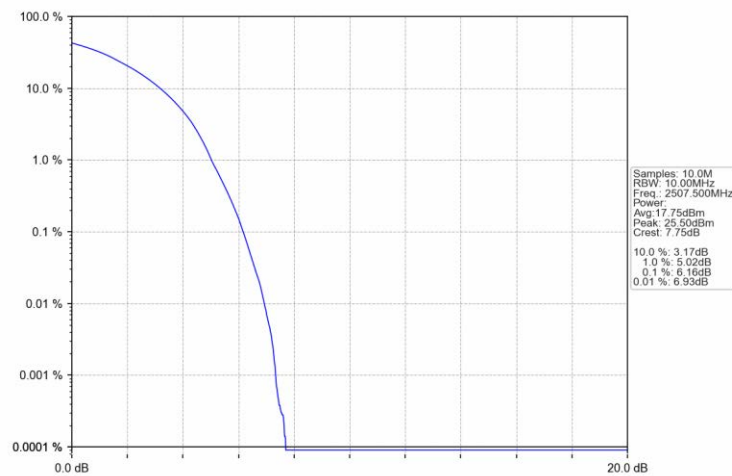
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



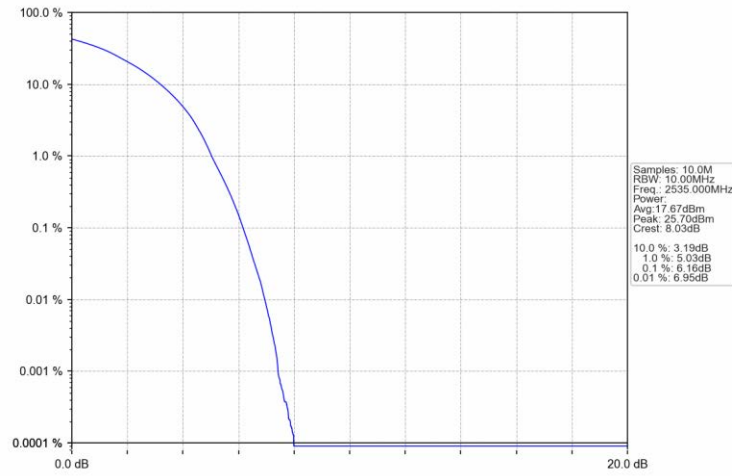
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



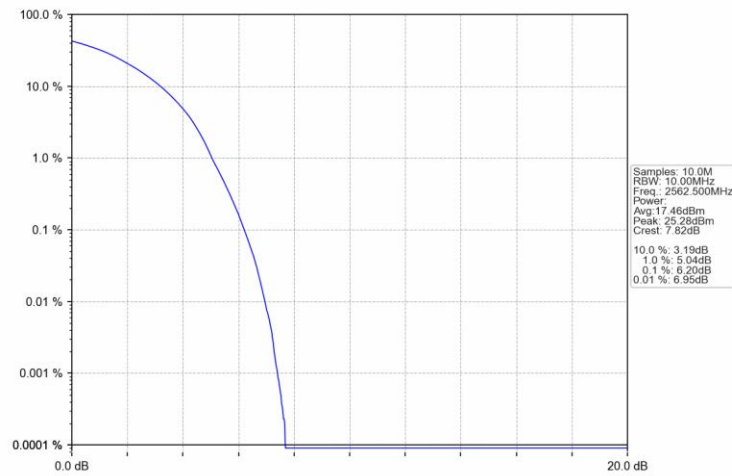
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

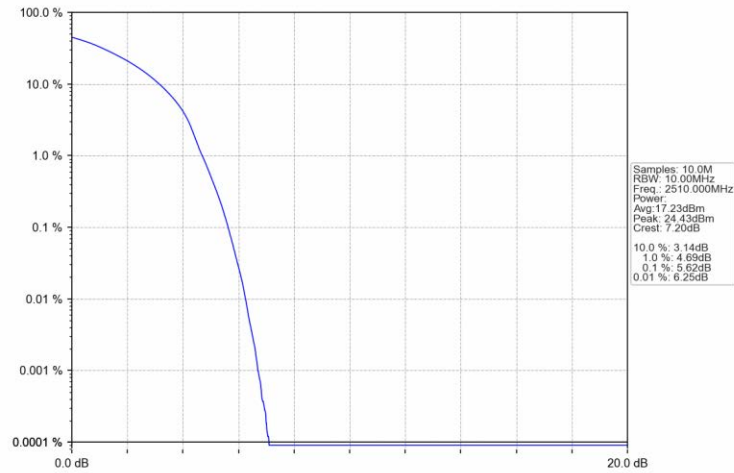


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

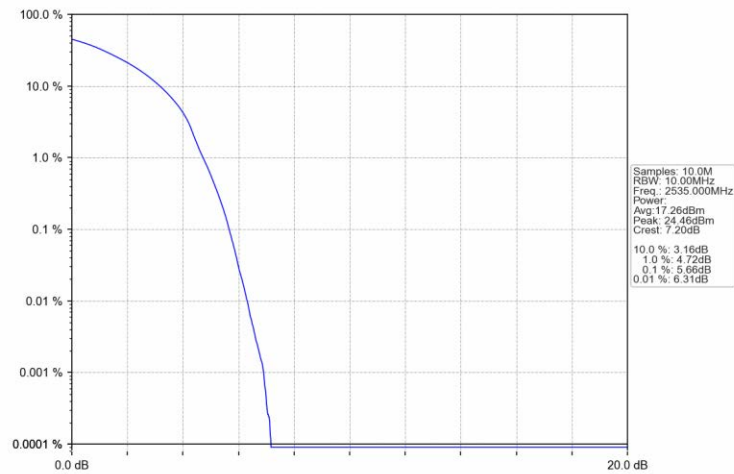


5.2.4 B7_20MHz

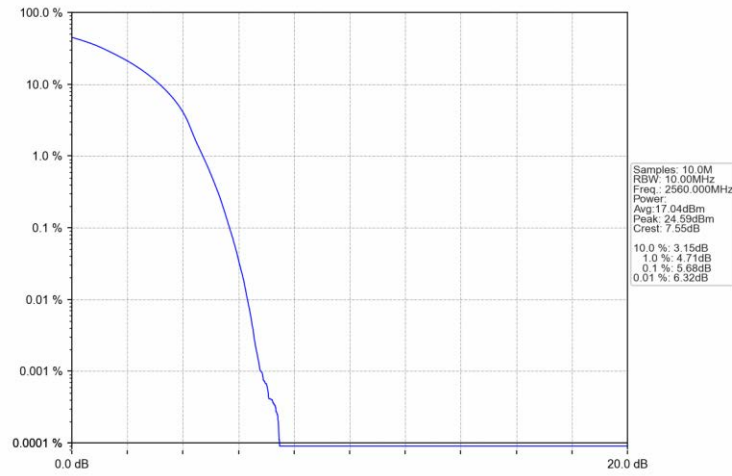
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



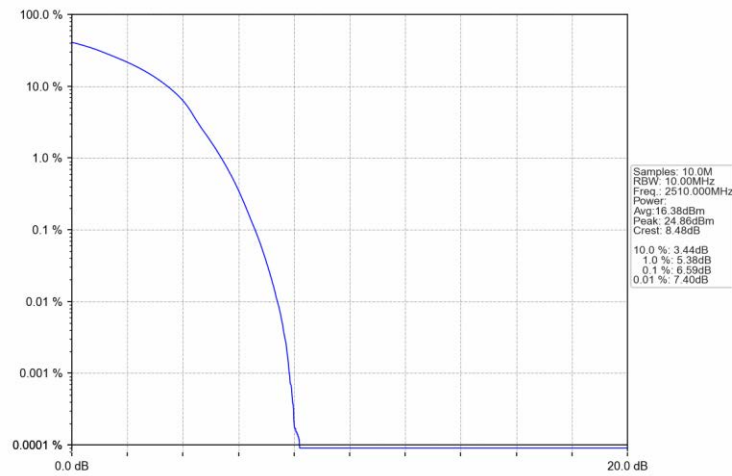
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



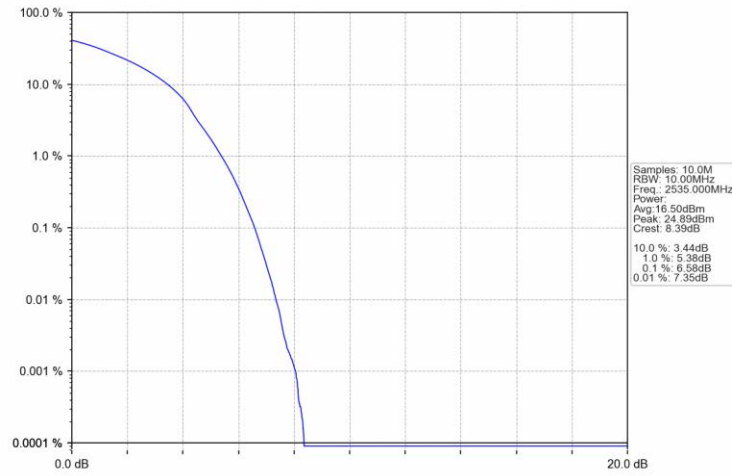
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



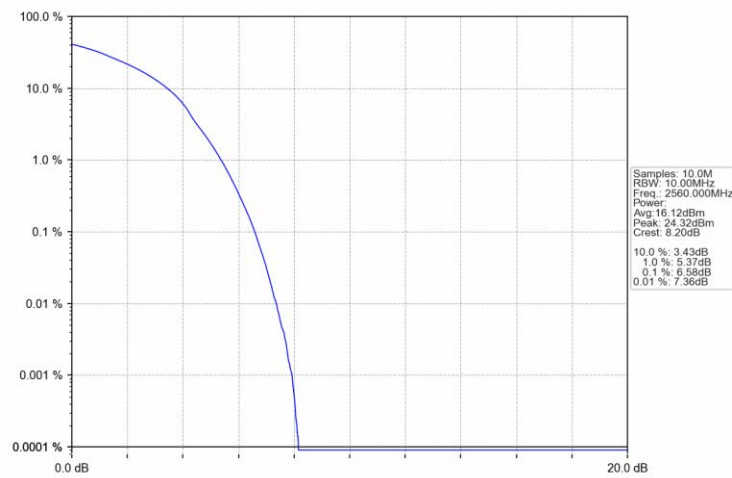
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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

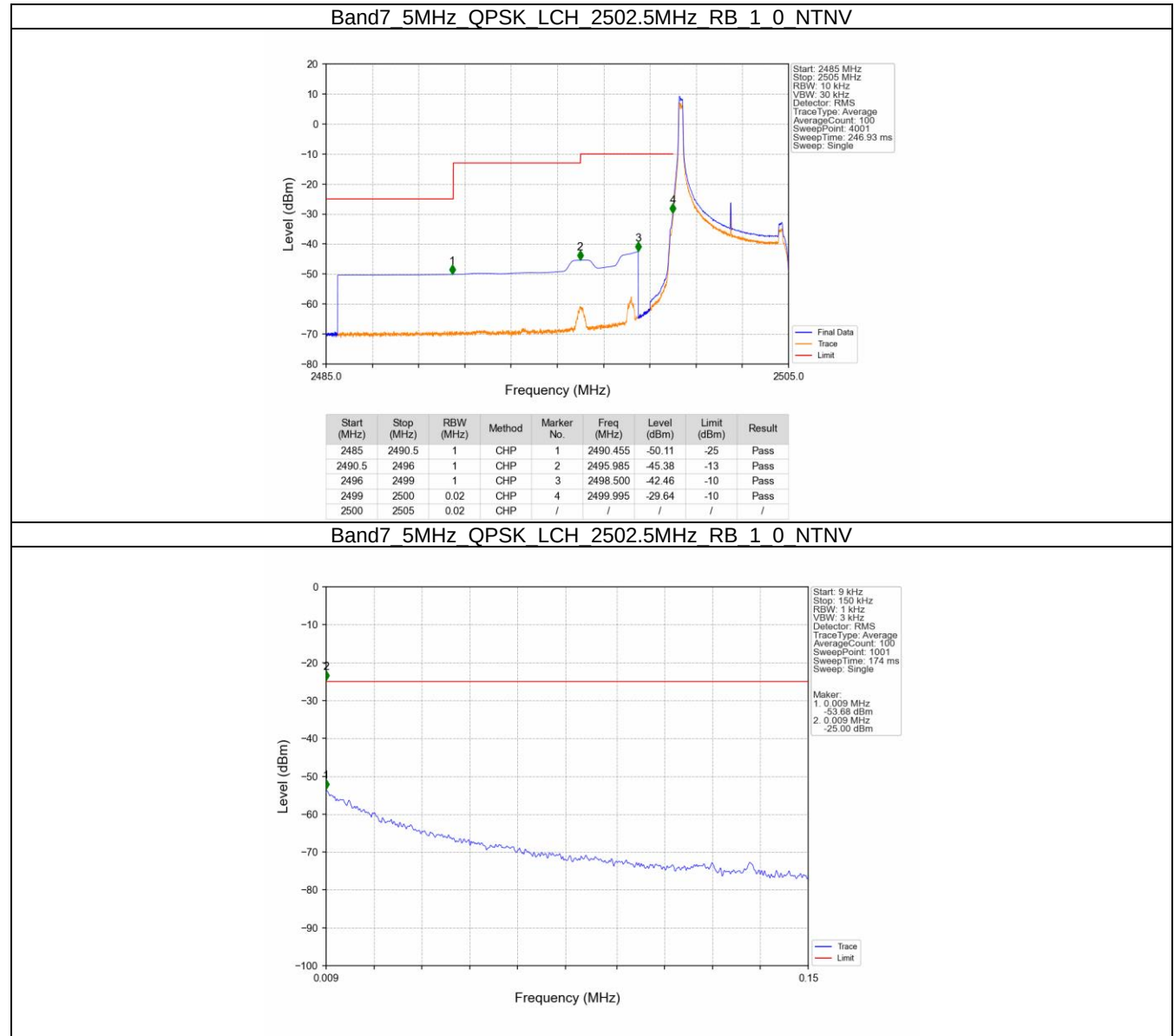
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B7_20MHz

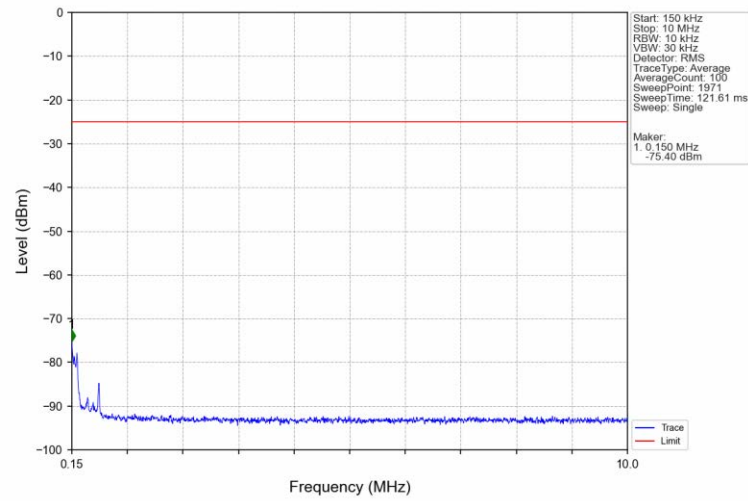
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

6.2 Test Graph

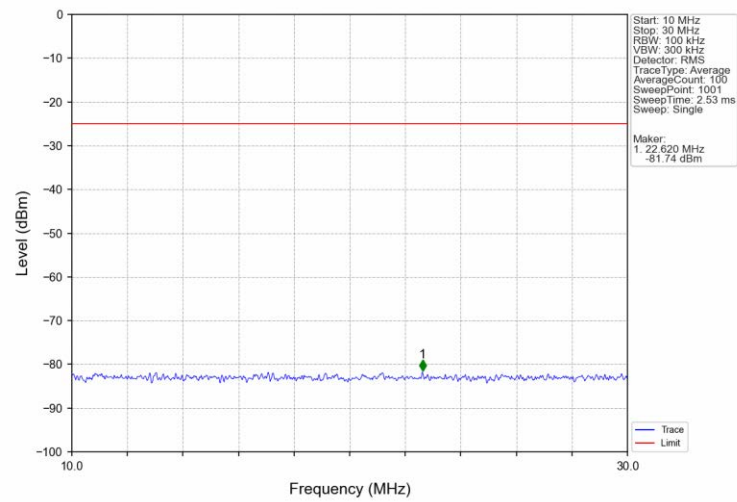
6.2.1 B7_5MHz



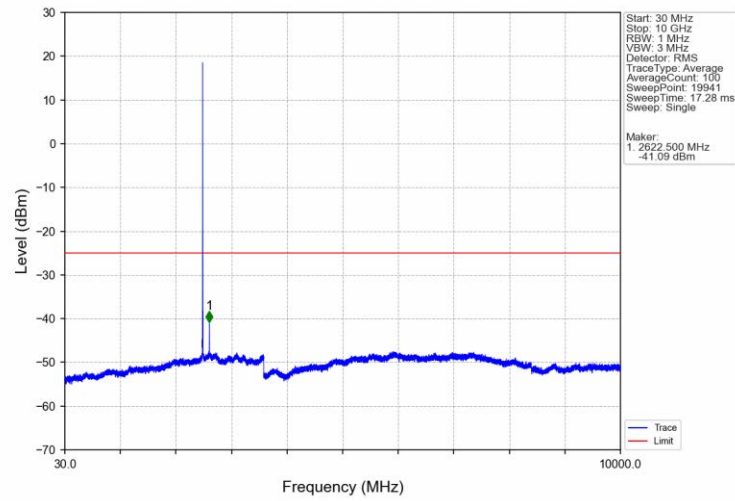
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



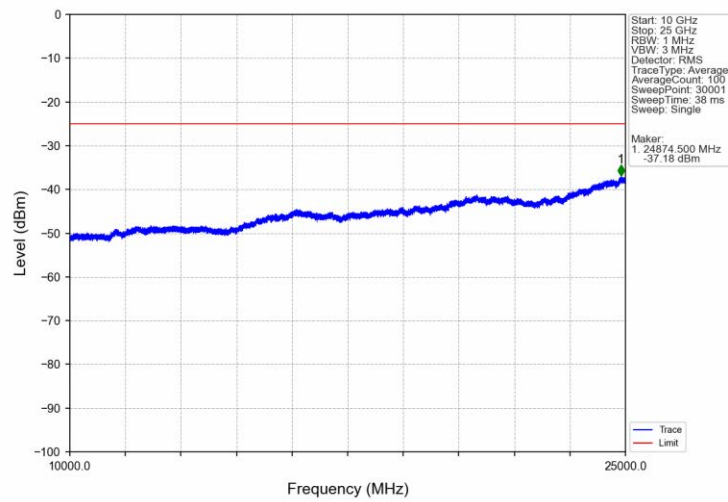
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



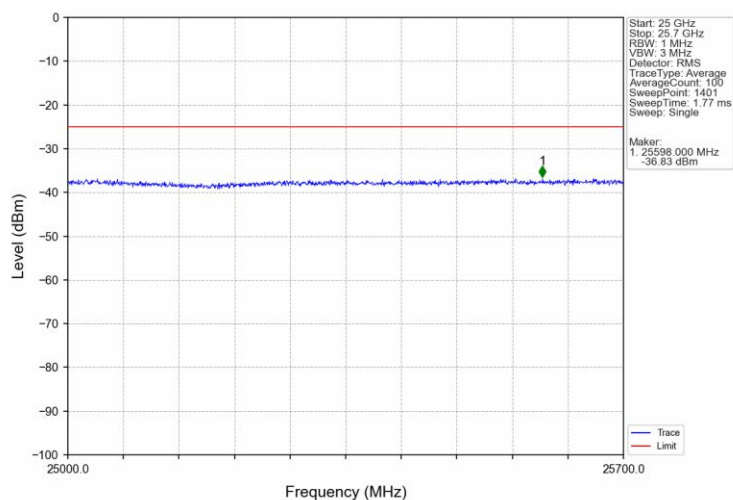
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



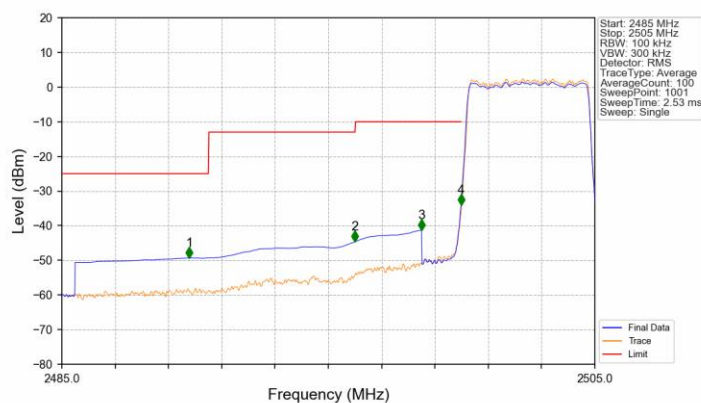
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

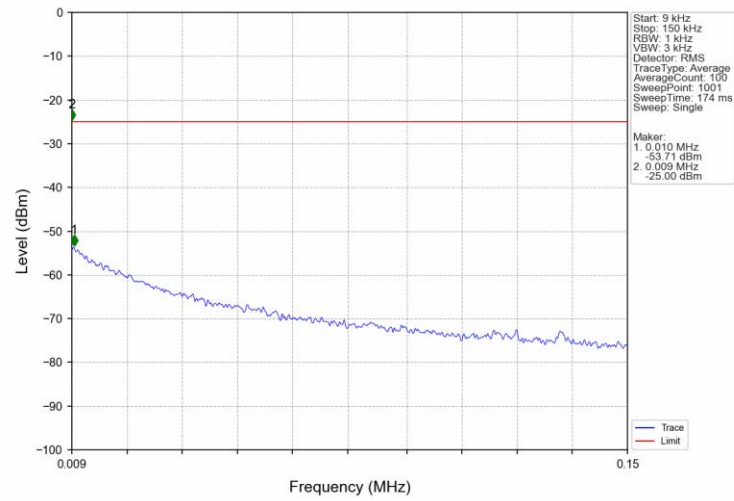


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

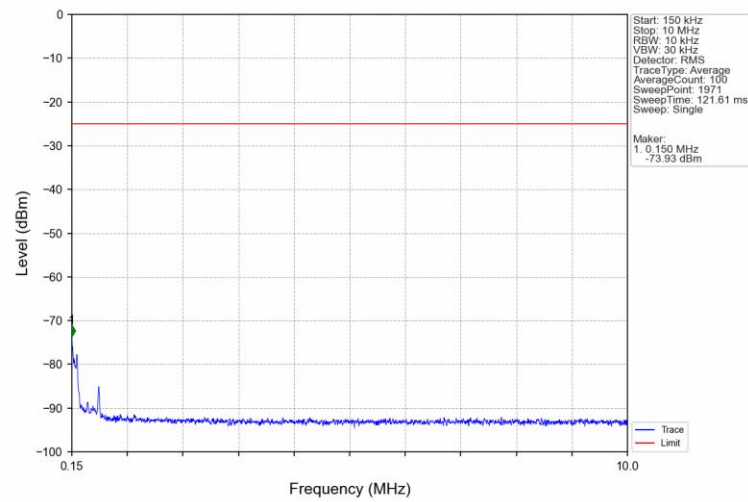


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.780	-49.32	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-44.65	-13	Pass
2496	2499	1	CHP	3	2498.500	-41.25	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-33.99	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

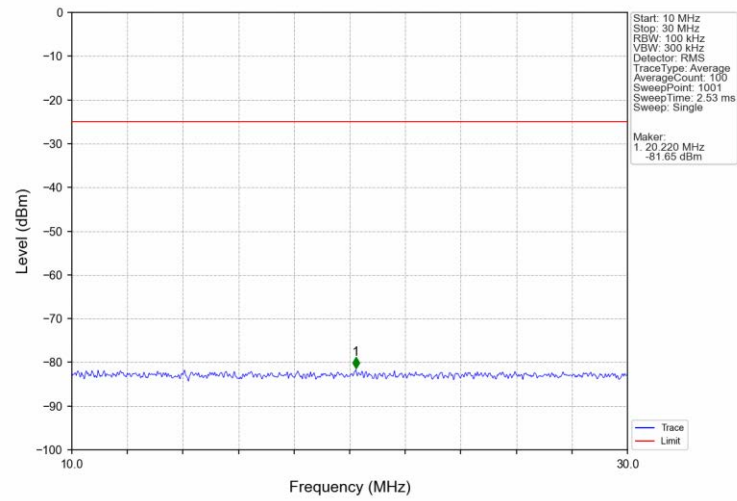
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



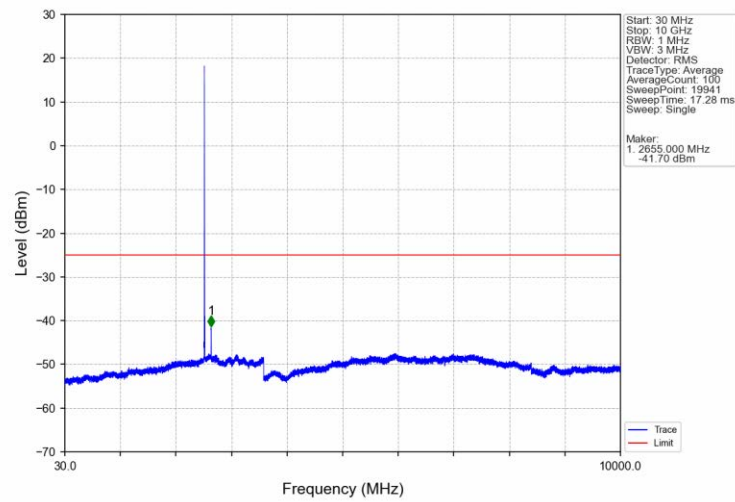
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



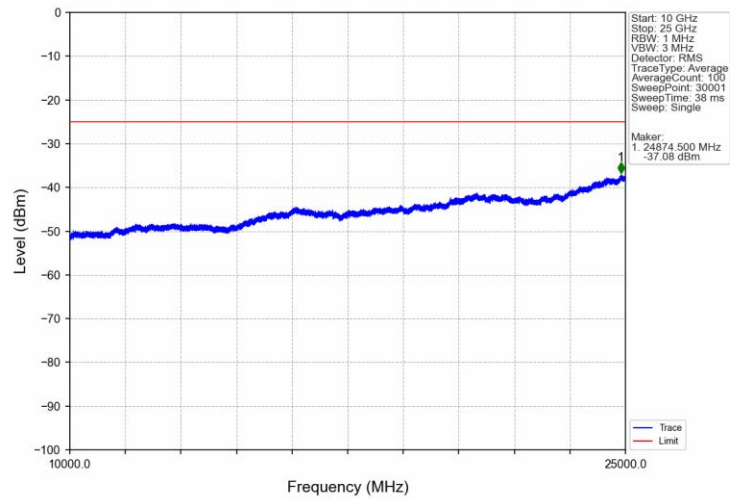
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



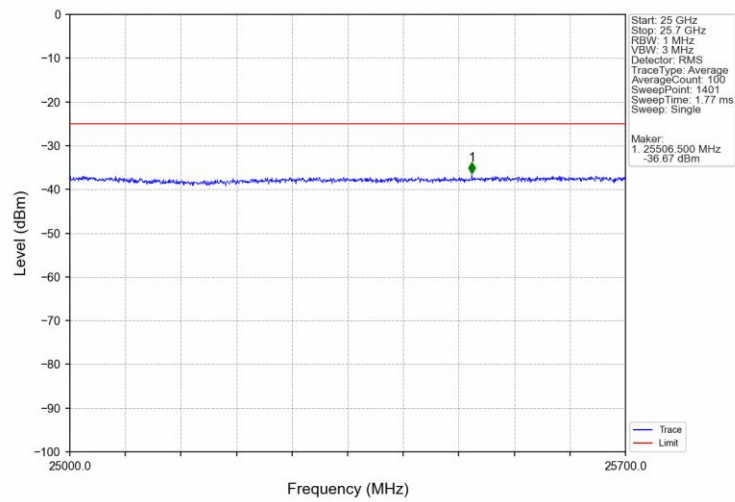
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



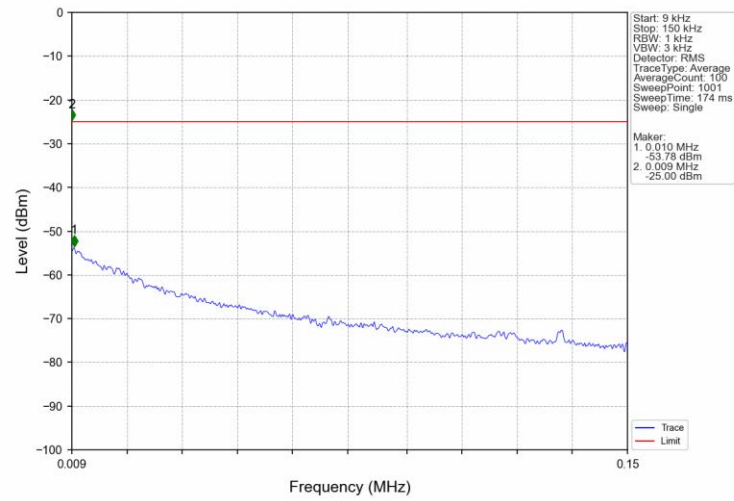
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



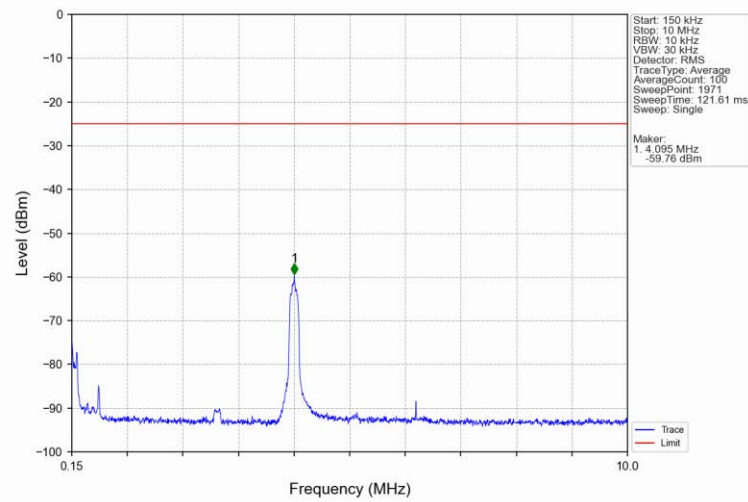
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



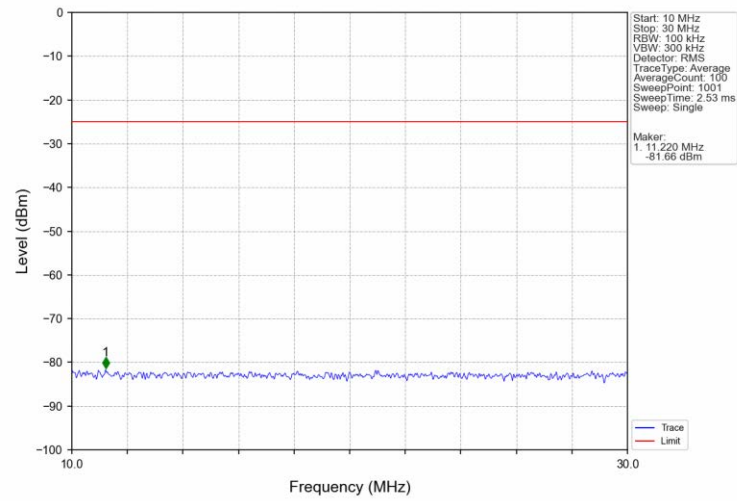
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



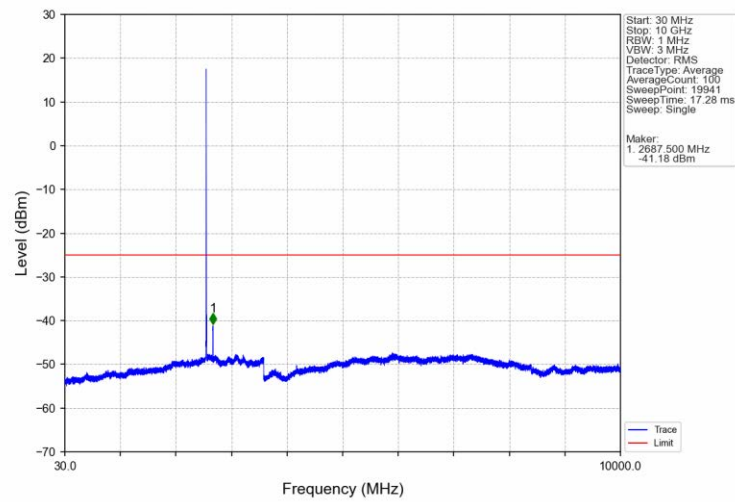
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



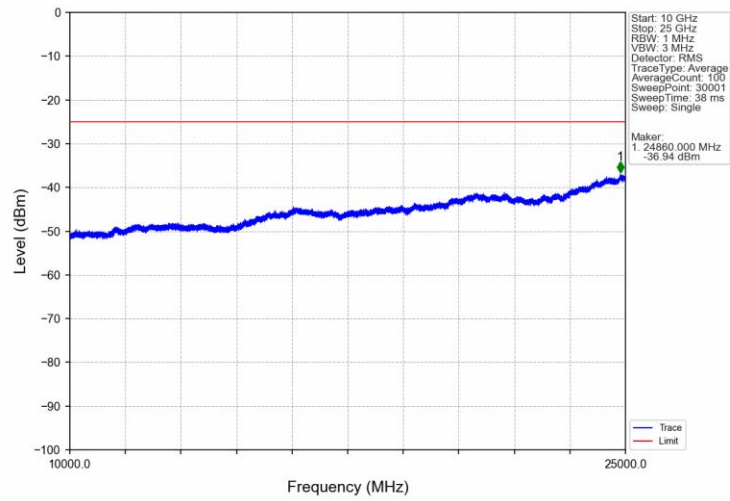
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



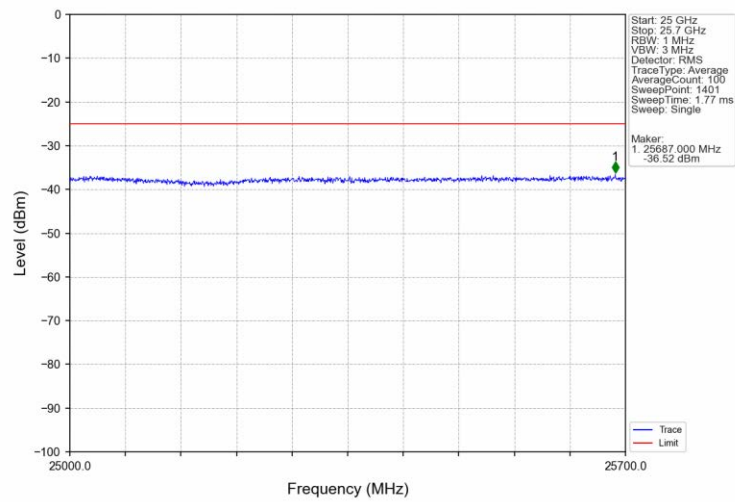
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



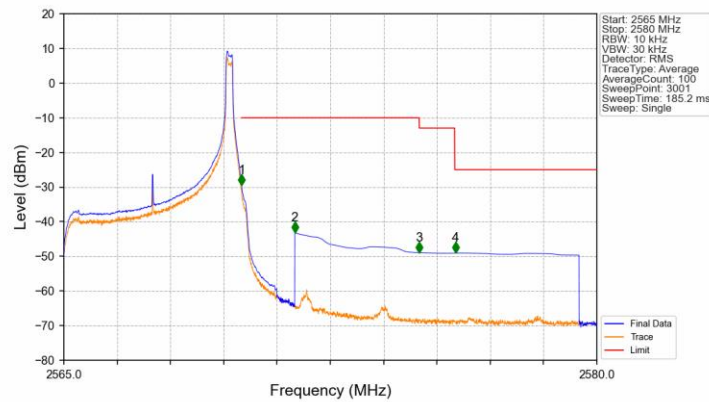
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

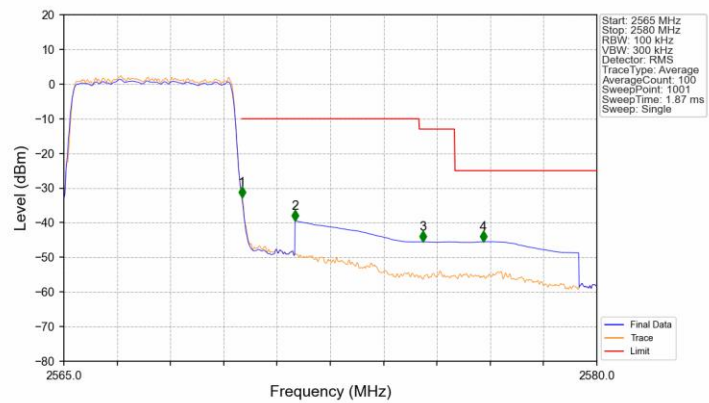


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



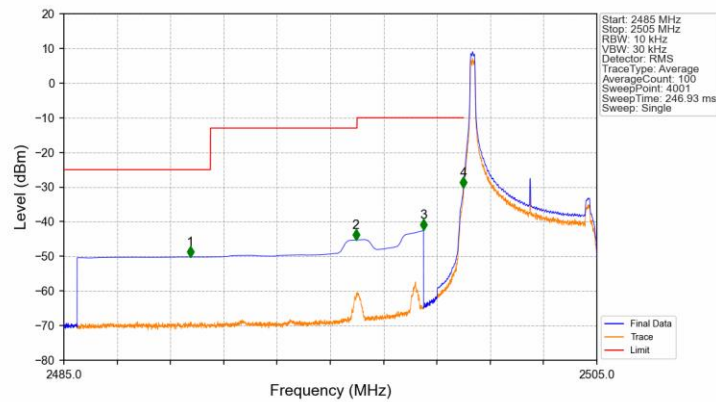
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.50	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.21	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.95	-13	Pass
2576	2580	1	CHP	4	2576.020	-49.04	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



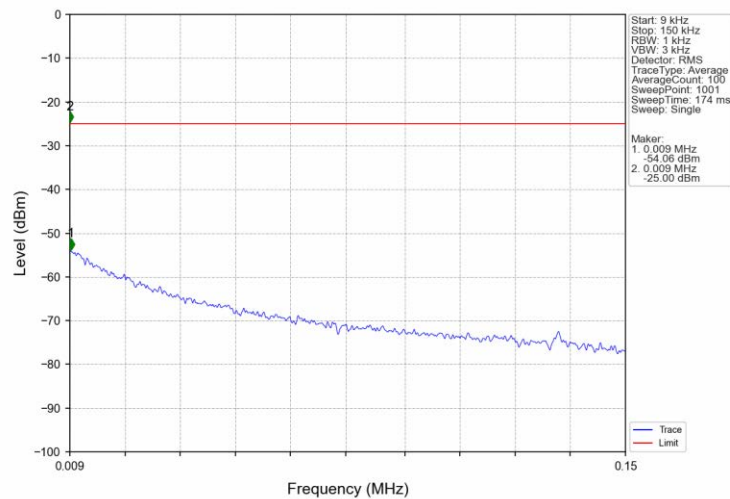
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-32.74	-10	Pass
2571	2575	1	CHP	2	2571.510	-39.49	-10	Pass
2575	2576	1	CHP	3	2575.110	-45.52	-13	Pass
2576	2580	1	CHP	4	2576.805	-45.50	-25	Pass

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

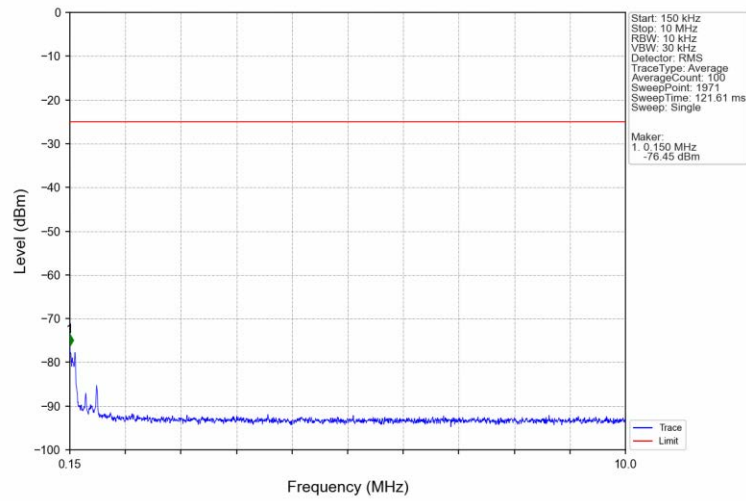


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.745	-50.18	-25	Pass
2490.5	2496	1	CHP	2	2495.960	-45.26	-13	Pass
2496	2499	1	CHP	3	2498.500	-42.49	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-30.14	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

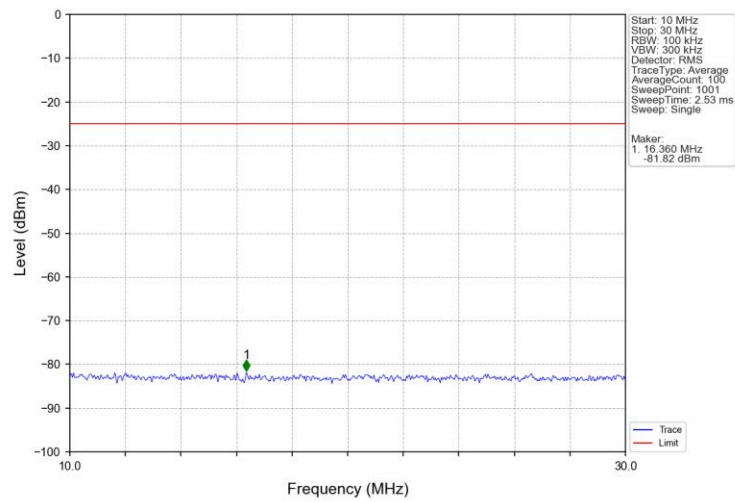
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



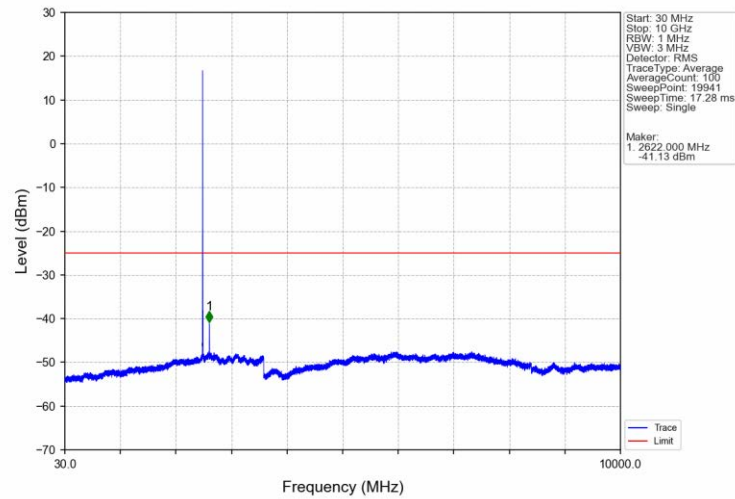
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

