

Band: 7 / Bandwidth: 10MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2505	1	0	19.85	4.02	23.87	<=33.01	Pass	
			25	20.00	4.02	24.02	<=33.01	Pass	
			49	19.71	4.02	23.73	<=33.01	Pass	
		25	0	18.73	4.02	22.75	<=33.01	Pass	
			13	18.76	4.02	22.78	<=33.01	Pass	
			25	18.80	4.02	22.82	<=33.01	Pass	
		50	0	18.74	4.02	22.76	<=33.01	Pass	
		2535	1	0	20.23	4.02	24.25	<=33.01	Pass
				25	20.48	4.02	24.50	<=33.01	Pass
	49			19.91	4.02	23.93	<=33.01	Pass	
	25		0	19.03	4.02	23.05	<=33.01	Pass	
			13	18.99	4.02	23.01	<=33.01	Pass	
			25	18.85	4.02	22.87	<=33.01	Pass	
	50	0	19.05	4.02	23.07	<=33.01	Pass		
	2565	1	0	20.38	4.02	24.40	<=33.01	Pass	
			25	20.50	4.02	24.52	<=33.01	Pass	
			49	19.94	4.02	23.96	<=33.01	Pass	
		25	0	19.06	4.02	23.08	<=33.01	Pass	
			13	18.99	4.02	23.01	<=33.01	Pass	
			25	19.00	4.02	23.02	<=33.01	Pass	
		50	0	18.99	4.02	23.01	<=33.01	Pass	
16QAM		2505	1	0	19.41	4.02	23.43	<=33.01	Pass
				25	19.26	4.02	23.28	<=33.01	Pass
	49			19.30	4.02	23.32	<=33.01	Pass	
	25		0	17.97	4.02	21.99	<=33.01	Pass	
			13	18.00	4.02	22.02	<=33.01	Pass	
			25	17.97	4.02	21.99	<=33.01	Pass	
	50	0	17.98	4.02	22.00	<=33.01	Pass		
	2535	1	0	19.63	4.02	23.65	<=33.01	Pass	
			25	19.43	4.02	23.45	<=33.01	Pass	
			49	19.37	4.02	23.39	<=33.01	Pass	
		25	0	18.27	4.02	22.29	<=33.01	Pass	
			13	18.11	4.02	22.13	<=33.01	Pass	
25			17.75	4.02	21.77	<=33.01	Pass		
50	0	18.17	4.02	22.19	<=33.01	Pass			
2565	1	0	19.24	4.02	23.26	<=33.01	Pass		
		25	19.00	4.02	23.02	<=33.01	Pass		
		49	18.78	4.02	22.80	<=33.01	Pass		
	25	0	18.22	4.02	22.24	<=33.01	Pass		
		13	18.11	4.02	22.13	<=33.01	Pass		
		25	18.10	4.02	22.12	<=33.01	Pass		
50	0	18.02	4.02	22.04	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	19.72	4.02	23.74	<=33.01	Pass
			38	19.70	4.02	23.72	<=33.01	Pass
			74	19.83	4.02	23.85	<=33.01	Pass
		36	0	18.71	4.02	22.73	<=33.01	Pass
			18	18.71	4.02	22.73	<=33.01	Pass
			39	18.83	4.02	22.85	<=33.01	Pass

		75	0	18.77	4.02	22.79	<=33.01	Pass
	2535	1	0	20.05	4.02	24.07	<=33.01	Pass
			38	19.97	4.02	23.99	<=33.01	Pass
			74	19.86	4.02	23.88	<=33.01	Pass
			0	19.00	4.02	23.02	<=33.01	Pass
		36	18	18.84	4.02	22.86	<=33.01	Pass
			39	18.76	4.02	22.78	<=33.01	Pass
		75	0	18.94	4.02	22.96	<=33.01	Pass
	2562.5	1	0	19.95	4.02	23.97	<=33.01	Pass
			38	20.11	4.02	24.13	<=33.01	Pass
			74	19.99	4.02	24.01	<=33.01	Pass
		36	0	19.01	4.02	23.03	<=33.01	Pass
			18	19.09	4.02	23.11	<=33.01	Pass
			39	19.01	4.02	23.03	<=33.01	Pass
		75	0	18.92	4.02	22.94	<=33.01	Pass
16QAM	2507.5	1	0	19.30	4.02	23.32	<=33.01	Pass
			38	19.28	4.02	23.30	<=33.01	Pass
			74	19.29	4.02	23.31	<=33.01	Pass
		36	0	17.81	4.02	21.83	<=33.01	Pass
			18	17.82	4.02	21.84	<=33.01	Pass
			39	17.92	4.02	21.94	<=33.01	Pass
		75	0	17.64	4.02	21.66	<=33.01	Pass
	2535	1	0	19.96	4.02	23.98	<=33.01	Pass
			38	19.60	4.02	23.62	<=33.01	Pass
			74	19.71	4.02	23.73	<=33.01	Pass
		36	0	18.26	4.02	22.28	<=33.01	Pass
			18	17.95	4.02	21.97	<=33.01	Pass
			39	17.69	4.02	21.71	<=33.01	Pass
		75	0	18.08	4.02	22.10	<=33.01	Pass
	2562.5	1	0	19.32	4.02	23.34	<=33.01	Pass
			38	19.24	4.02	23.26	<=33.01	Pass
			74	18.29	4.02	22.31	<=33.01	Pass
		36	0	18.14	4.02	22.16	<=33.01	Pass
			18	18.04	4.02	22.06	<=33.01	Pass
			39	17.90	4.02	21.92	<=33.01	Pass
		75	0	18.05	4.02	22.07	<=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	19.68	4.02	23.70	<=33.01	Pass
			50	20.15	4.02	24.17	<=33.01	Pass
			99	19.61	4.02	23.63	<=33.01	Pass
		50	0	18.79	4.02	22.81	<=33.01	Pass
			25	18.78	4.02	22.80	<=33.01	Pass
			50	18.84	4.02	22.86	<=33.01	Pass
		100	0	18.83	4.02	22.85	<=33.01	Pass
	2535	1	0	20.20	4.02	24.22	<=33.01	Pass
			50	20.19	4.02	24.21	<=33.01	Pass
			99	20.06	4.02	24.08	<=33.01	Pass
		50	0	19.14	4.02	23.16	<=33.01	Pass
			25	18.99	4.02	23.01	<=33.01	Pass
			50	18.93	4.02	22.95	<=33.01	Pass
		100	0	19.00	4.02	23.02	<=33.01	Pass

	2560	1	0	19.98	4.02	24.00	<=33.01	Pass		
			50	20.43	4.02	24.45	<=33.01	Pass		
			99	19.88	4.02	23.90	<=33.01	Pass		
		50	0	19.02	4.02	23.04	<=33.01	Pass		
			25	19.00	4.02	23.02	<=33.01	Pass		
			50	18.97	4.02	22.99	<=33.01	Pass		
		100	0	19.06	4.02	23.08	<=33.01	Pass		
		16QAM	2510	1	0	19.29	4.02	23.31	<=33.01	Pass
					50	19.70	4.02	23.72	<=33.01	Pass
99	19.27				4.02	23.29	<=33.01	Pass		
50	0			17.82	4.02	21.84	<=33.01	Pass		
	25			17.94	4.02	21.96	<=33.01	Pass		
	50			17.88	4.02	21.90	<=33.01	Pass		
100	0			17.92	4.02	21.94	<=33.01	Pass		
2535	1			0	19.27	4.02	23.29	<=33.01	Pass	
				50	18.96	4.02	22.98	<=33.01	Pass	
			99	18.48	4.02	22.50	<=33.01	Pass		
	50		0	18.14	4.02	22.16	<=33.01	Pass		
			25	18.00	4.02	22.02	<=33.01	Pass		
			50	17.99	4.02	22.01	<=33.01	Pass		
100	0		17.91	4.02	21.93	<=33.01	Pass			
2560	1		0	20.10	4.02	24.12	<=33.01	Pass		
			50	20.59	4.02	24.61	<=33.01	Pass		
			99	19.97	4.02	23.99	<=33.01	Pass		
	50		0	17.91	4.02	21.93	<=33.01	Pass		
		25	18.08	4.02	22.10	<=33.01	Pass			
		50	17.91	4.02	21.93	<=33.01	Pass			
	100	0	18.08	4.02	22.10	<=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	6.2	6.652	0.0027	-2.5 to 2.5	Pass
					7.2	6.108	0.0024	-2.5 to 2.5	Pass
					8.4	3.405	0.0014	-2.5 to 2.5	Pass
				-30	7.2	3.619	0.0014	-2.5 to 2.5	Pass
				-20	7.2	5.336	0.0021	-2.5 to 2.5	Pass
				-10	7.2	3.247	0.0013	-2.5 to 2.5	Pass
				0	7.2	6.094	0.0024	-2.5 to 2.5	Pass
				10	7.2	4.621	0.0018	-2.5 to 2.5	Pass
				30	7.2	3.262	0.0013	-2.5 to 2.5	Pass
				40	7.2	3.920	0.0016	-2.5 to 2.5	Pass
				50	7.2	2.918	0.0012	-2.5 to 2.5	Pass
	2535	25	0	20	6.2	-1.845	-0.0007	-2.5 to 2.5	Pass
					7.2	-2.475	-0.0010	-2.5 to 2.5	Pass
					8.4	-1.488	-0.0006	-2.5 to 2.5	Pass
				-30	7.2	-1.674	-0.0007	-2.5 to 2.5	Pass
				-20	7.2	-1.044	-0.0004	-2.5 to 2.5	Pass
				-10	7.2	-0.343	-0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.229	-0.0001	-2.5 to 2.5	Pass
				10	7.2	-1.302	-0.0005	-2.5 to 2.5	Pass
				30	7.2	-0.057	0.0000	-2.5 to 2.5	Pass
				40	7.2	-1.330	-0.0005	-2.5 to 2.5	Pass
				50	7.2	-1.016	-0.0004	-2.5 to 2.5	Pass
	2567.5	25	0	20	6.2	3.476	0.0014	-2.5 to 2.5	Pass
					7.2	3.819	0.0015	-2.5 to 2.5	Pass
					8.4	1.302	0.0005	-2.5 to 2.5	Pass
				-30	7.2	3.262	0.0013	-2.5 to 2.5	Pass
				-20	7.2	1.030	0.0004	-2.5 to 2.5	Pass
				-10	7.2	2.646	0.0010	-2.5 to 2.5	Pass
				0	7.2	1.473	0.0006	-2.5 to 2.5	Pass
				10	7.2	0.629	0.0002	-2.5 to 2.5	Pass
				30	7.2	3.161	0.0012	-2.5 to 2.5	Pass
				40	7.2	3.219	0.0013	-2.5 to 2.5	Pass
				50	7.2	0.286	0.0001	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	6.2	2.146	0.0009	-2.5 to 2.5	Pass
					7.2	3.233	0.0013	-2.5 to 2.5	Pass
					8.4	5.078	0.0020	-2.5 to 2.5	Pass
				-30	7.2	4.163	0.0017	-2.5 to 2.5	Pass
				-20	7.2	5.121	0.0020	-2.5 to 2.5	Pass
				-10	7.2	2.232	0.0009	-2.5 to 2.5	Pass
				0	7.2	3.548	0.0014	-2.5 to 2.5	Pass
				10	7.2	4.120	0.0016	-2.5 to 2.5	Pass
				30	7.2	3.948	0.0016	-2.5 to 2.5	Pass
				40	7.2	2.546	0.0010	-2.5 to 2.5	Pass
				50	7.2	4.234	0.0017	-2.5 to 2.5	Pass
	2535	25	0	20	6.2	-2.303	-0.0009	-2.5 to 2.5	Pass
					7.2	-1.888	-0.0007	-2.5 to 2.5	Pass

					8.4	-2.303	-0.0009	-2.5 to 2.5	Pass
				-30	7.2	-0.901	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	-2.246	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	-2.131	-0.0008	-2.5 to 2.5	Pass
				0	7.2	-1.330	-0.0005	-2.5 to 2.5	Pass
				10	7.2	-1.760	-0.0007	-2.5 to 2.5	Pass
				30	7.2	-2.432	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-0.372	-0.0001	-2.5 to 2.5	Pass
				50	7.2	-0.815	-0.0003	-2.5 to 2.5	Pass
	2567.5	25	0	20	6.2	2.532	0.0010	-2.5 to 2.5	Pass
					7.2	1.087	0.0004	-2.5 to 2.5	Pass
					8.4	1.616	0.0006	-2.5 to 2.5	Pass
				-30	7.2	2.174	0.0008	-2.5 to 2.5	Pass
				-20	7.2	-0.215	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.372	0.0001	-2.5 to 2.5	Pass
				0	7.2	3.176	0.0012	-2.5 to 2.5	Pass
				10	7.2	0.157	0.0001	-2.5 to 2.5	Pass
				30	7.2	1.459	0.0006	-2.5 to 2.5	Pass
				40	7.2	-0.887	-0.0003	-2.5 to 2.5	Pass
				50	7.2	1.588	0.0006	-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	6.2	-1.459	-0.0006	-2.5 to 2.5	Pass
					7.2	-2.046	-0.0008	-2.5 to 2.5	Pass
					8.4	-1.144	-0.0005	-2.5 to 2.5	Pass
				-30	7.2	-1.245	-0.0005	-2.5 to 2.5	Pass
				-20	7.2	-2.146	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	-2.832	-0.0011	-2.5 to 2.5	Pass
				0	7.2	-1.945	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-3.390	-0.0014	-2.5 to 2.5	Pass
				30	7.2	0.415	0.0002	-2.5 to 2.5	Pass
				40	7.2	-1.945	-0.0008	-2.5 to 2.5	Pass
	50	7.2	-1.717	-0.0007	-2.5 to 2.5	Pass			
	2535	50	0	20	6.2	0.000	0.0000	-2.5 to 2.5	Pass
					7.2	-4.249	-0.0017	-2.5 to 2.5	Pass
					8.4	-1.187	-0.0005	-2.5 to 2.5	Pass
				-30	7.2	-2.232	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-1.187	-0.0005	-2.5 to 2.5	Pass
				-10	7.2	-2.117	-0.0008	-2.5 to 2.5	Pass
				0	7.2	-2.003	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-2.117	-0.0008	-2.5 to 2.5	Pass
				30	7.2	-2.503	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-3.533	-0.0014	-2.5 to 2.5	Pass
	50	7.2	-2.732	-0.0011	-2.5 to 2.5	Pass			
	2565	50	0	20	6.2	-3.219	-0.0013	-2.5 to 2.5	Pass
					7.2	-2.489	-0.0010	-2.5 to 2.5	Pass
					8.4	-2.818	-0.0011	-2.5 to 2.5	Pass
				-30	7.2	-3.791	-0.0015	-2.5 to 2.5	Pass
				-20	7.2	-4.320	-0.0017	-2.5 to 2.5	Pass
				-10	7.2	-3.204	-0.0012	-2.5 to 2.5	Pass
				0	7.2	-2.375	-0.0009	-2.5 to 2.5	Pass
				10	7.2	-2.632	-0.0010	-2.5 to 2.5	Pass
				30	7.2	-4.363	-0.0017	-2.5 to 2.5	Pass

16QAM	2505	50	0	40	7.2	-3.390	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-4.077	-0.0016	-2.5 to 2.5	Pass
				20	6.2	-2.060	-0.0008	-2.5 to 2.5	Pass
					7.2	-1.516	-0.0006	-2.5 to 2.5	Pass
					8.4	-1.044	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	-2.003	-0.0008	-2.5 to 2.5	Pass
				-20	7.2	-1.645	-0.0007	-2.5 to 2.5	Pass
				-10	7.2	-2.503	-0.0010	-2.5 to 2.5	Pass
				0	7.2	-3.991	-0.0016	-2.5 to 2.5	Pass
				10	7.2	-2.403	-0.0010	-2.5 to 2.5	Pass
				30	7.2	-1.945	-0.0008	-2.5 to 2.5	Pass
				40	7.2	-2.131	-0.0009	-2.5 to 2.5	Pass
				50	7.2	-0.229	-0.0001	-2.5 to 2.5	Pass
	2535	50	0	20	6.2	-1.516	-0.0006	-2.5 to 2.5	Pass
					7.2	-1.860	-0.0007	-2.5 to 2.5	Pass
					8.4	-0.801	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	0.415	0.0002	-2.5 to 2.5	Pass
				-20	7.2	-2.403	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	0.143	0.0001	-2.5 to 2.5	Pass
				0	7.2	-1.545	-0.0006	-2.5 to 2.5	Pass
				10	7.2	0.443	0.0002	-2.5 to 2.5	Pass
				30	7.2	-2.546	-0.0010	-2.5 to 2.5	Pass
				40	7.2	0.858	0.0003	-2.5 to 2.5	Pass
				50	7.2	-2.990	-0.0012	-2.5 to 2.5	Pass
	2565	50	0	20	6.2	-4.878	-0.0019	-2.5 to 2.5	Pass
					7.2	-4.435	-0.0017	-2.5 to 2.5	Pass
					8.4	-3.633	-0.0014	-2.5 to 2.5	Pass
				-30	7.2	-4.549	-0.0018	-2.5 to 2.5	Pass
				-20	7.2	-3.076	-0.0012	-2.5 to 2.5	Pass
				-10	7.2	-3.161	-0.0012	-2.5 to 2.5	Pass
				0	7.2	-3.605	-0.0014	-2.5 to 2.5	Pass
				10	7.2	-5.021	-0.0020	-2.5 to 2.5	Pass
				30	7.2	-5.851	-0.0023	-2.5 to 2.5	Pass
				40	7.2	-3.905	-0.0015	-2.5 to 2.5	Pass
				50	7.2	-4.807	-0.0019	-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	6.2	1.531	0.0006	-2.5 to 2.5	Pass
					7.2	2.232	0.0009	-2.5 to 2.5	Pass
					8.4	2.074	0.0008	-2.5 to 2.5	Pass
				-30	7.2	1.245	0.0005	-2.5 to 2.5	Pass
				-20	7.2	1.731	0.0007	-2.5 to 2.5	Pass
				-10	7.2	1.259	0.0005	-2.5 to 2.5	Pass
				0	7.2	1.016	0.0004	-2.5 to 2.5	Pass
				10	7.2	1.645	0.0007	-2.5 to 2.5	Pass
				30	7.2	1.931	0.0008	-2.5 to 2.5	Pass
				40	7.2	1.230	0.0005	-2.5 to 2.5	Pass
				50	7.2	1.588	0.0006	-2.5 to 2.5	Pass
	2535	75	0	20	6.2	-1.631	-0.0006	-2.5 to 2.5	Pass
					7.2	-4.377	-0.0017	-2.5 to 2.5	Pass
					8.4	-2.804	-0.0011	-2.5 to 2.5	Pass
				-30	7.2	-2.403	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-2.890	-0.0011	-2.5 to 2.5	Pass

				-10	7.2	-2.847	-0.0011	-2.5 to 2.5	Pass
				0	7.2	-2.275	-0.0009	-2.5 to 2.5	Pass
				10	7.2	-1.130	-0.0004	-2.5 to 2.5	Pass
				30	7.2	-1.817	-0.0007	-2.5 to 2.5	Pass
				40	7.2	-1.216	-0.0005	-2.5 to 2.5	Pass
				50	7.2	-3.676	-0.0015	-2.5 to 2.5	Pass
	2562.5	75	0	20	6.2	2.747	0.0011	-2.5 to 2.5	Pass
					7.2	2.317	0.0009	-2.5 to 2.5	Pass
					8.4	2.060	0.0008	-2.5 to 2.5	Pass
				-30	7.2	2.775	0.0011	-2.5 to 2.5	Pass
				-20	7.2	3.147	0.0012	-2.5 to 2.5	Pass
				-10	7.2	3.490	0.0014	-2.5 to 2.5	Pass
				0	7.2	2.990	0.0012	-2.5 to 2.5	Pass
				10	7.2	3.247	0.0013	-2.5 to 2.5	Pass
				30	7.2	2.875	0.0011	-2.5 to 2.5	Pass
				40	7.2	3.448	0.0013	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	6.2	1.302	0.0005	-2.5 to 2.5	Pass
					7.2	1.259	0.0005	-2.5 to 2.5	Pass
					8.4	-0.186	-0.0001	-2.5 to 2.5	Pass
				-30	7.2	1.302	0.0005	-2.5 to 2.5	Pass
				-20	7.2	0.644	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.257	0.0001	-2.5 to 2.5	Pass
				0	7.2	2.017	0.0008	-2.5 to 2.5	Pass
				10	7.2	0.100	0.0000	-2.5 to 2.5	Pass
				30	7.2	0.844	0.0003	-2.5 to 2.5	Pass
				40	7.2	3.319	0.0013	-2.5 to 2.5	Pass
				50	7.2	0.086	0.0000	-2.5 to 2.5	Pass
	2535	75	0	20	6.2	-1.402	-0.0006	-2.5 to 2.5	Pass
					7.2	0.558	0.0002	-2.5 to 2.5	Pass
					8.4	-2.003	-0.0008	-2.5 to 2.5	Pass
				-30	7.2	0.072	0.0000	-2.5 to 2.5	Pass
				-20	7.2	-3.891	-0.0015	-2.5 to 2.5	Pass
				-10	7.2	-1.073	-0.0004	-2.5 to 2.5	Pass
				0	7.2	-1.659	-0.0007	-2.5 to 2.5	Pass
				10	7.2	-0.844	-0.0003	-2.5 to 2.5	Pass
				30	7.2	-1.831	-0.0007	-2.5 to 2.5	Pass
				40	7.2	-2.418	-0.0010	-2.5 to 2.5	Pass
				50	7.2	-1.559	-0.0006	-2.5 to 2.5	Pass
	2562.5	75	0	20	6.2	3.133	0.0012	-2.5 to 2.5	Pass
					7.2	1.588	0.0006	-2.5 to 2.5	Pass
					8.4	2.518	0.0010	-2.5 to 2.5	Pass
				-30	7.2	2.489	0.0010	-2.5 to 2.5	Pass
				-20	7.2	1.974	0.0008	-2.5 to 2.5	Pass
				-10	7.2	1.774	0.0007	-2.5 to 2.5	Pass
				0	7.2	1.845	0.0007	-2.5 to 2.5	Pass
				10	7.2	3.748	0.0015	-2.5 to 2.5	Pass
				30	7.2	2.532	0.0010	-2.5 to 2.5	Pass
				40	7.2	3.719	0.0015	-2.5 to 2.5	Pass
				50	7.2	2.275	0.0009	-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	6.2	2.046	0.0008	-2.5 to 2.5	Pass

					7.2	3.004	0.0012	-2.5 to 2.5	Pass
					8.4	2.260	0.0009	-2.5 to 2.5	Pass
				-30	7.2	1.931	0.0008	-2.5 to 2.5	Pass
				-20	7.2	2.389	0.0010	-2.5 to 2.5	Pass
				-10	7.2	3.262	0.0013	-2.5 to 2.5	Pass
				0	7.2	1.802	0.0007	-2.5 to 2.5	Pass
				10	7.2	3.419	0.0014	-2.5 to 2.5	Pass
				30	7.2	2.618	0.0010	-2.5 to 2.5	Pass
				40	7.2	1.245	0.0005	-2.5 to 2.5	Pass
				50	7.2	1.531	0.0006	-2.5 to 2.5	Pass
	2535	100	0	20	6.2	-1.373	-0.0005	-2.5 to 2.5	Pass
					7.2	-3.133	-0.0012	-2.5 to 2.5	Pass
					8.4	-1.631	-0.0006	-2.5 to 2.5	Pass
				-30	7.2	-1.073	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	-2.789	-0.0011	-2.5 to 2.5	Pass
				-10	7.2	-2.789	-0.0011	-2.5 to 2.5	Pass
				0	7.2	-2.089	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-1.860	-0.0007	-2.5 to 2.5	Pass
				30	7.2	-2.518	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-2.704	-0.0011	-2.5 to 2.5	Pass
				50	7.2	-1.159	-0.0005	-2.5 to 2.5	Pass
	2560	100	0	20	6.2	1.330	0.0005	-2.5 to 2.5	Pass
					7.2	2.189	0.0009	-2.5 to 2.5	Pass
					8.4	2.031	0.0008	-2.5 to 2.5	Pass
				-30	7.2	0.801	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.515	0.0002	-2.5 to 2.5	Pass
				-10	7.2	1.645	0.0006	-2.5 to 2.5	Pass
				0	7.2	2.432	0.0010	-2.5 to 2.5	Pass
				10	7.2	0.243	0.0001	-2.5 to 2.5	Pass
				30	7.2	0.815	0.0003	-2.5 to 2.5	Pass
				40	7.2	1.702	0.0007	-2.5 to 2.5	Pass
				50	7.2	1.917	0.0007	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	6.2	2.260	0.0009	-2.5 to 2.5	Pass
					7.2	0.916	0.0004	-2.5 to 2.5	Pass
					8.4	2.260	0.0009	-2.5 to 2.5	Pass
				-30	7.2	2.804	0.0011	-2.5 to 2.5	Pass
				-20	7.2	1.516	0.0006	-2.5 to 2.5	Pass
				-10	7.2	2.403	0.0010	-2.5 to 2.5	Pass
				0	7.2	1.302	0.0005	-2.5 to 2.5	Pass
				10	7.2	2.160	0.0009	-2.5 to 2.5	Pass
				30	7.2	3.161	0.0013	-2.5 to 2.5	Pass
				40	7.2	2.646	0.0011	-2.5 to 2.5	Pass
				50	7.2	1.731	0.0007	-2.5 to 2.5	Pass
	2535	100	0	20	6.2	-1.831	-0.0007	-2.5 to 2.5	Pass
					7.2	-3.948	-0.0016	-2.5 to 2.5	Pass
					8.4	-1.659	-0.0007	-2.5 to 2.5	Pass
				-30	7.2	-1.845	-0.0007	-2.5 to 2.5	Pass
				-20	7.2	-2.832	-0.0011	-2.5 to 2.5	Pass
				-10	7.2	-2.217	-0.0009	-2.5 to 2.5	Pass
				0	7.2	-1.988	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-2.275	-0.0009	-2.5 to 2.5	Pass
				30	7.2	-1.502	-0.0006	-2.5 to 2.5	Pass
				40	7.2	-2.518	-0.0010	-2.5 to 2.5	Pass
				50	7.2	-4.034	-0.0016	-2.5 to 2.5	Pass
	2560	100	0	20	6.2	1.016	0.0004	-2.5 to 2.5	Pass
					7.2	1.431	0.0006	-2.5 to 2.5	Pass
					8.4	0.415	0.0002	-2.5 to 2.5	Pass
				-30	7.2	1.130	0.0004	-2.5 to 2.5	Pass
				-20	7.2	0.544	0.0002	-2.5 to 2.5	Pass

				-10	7.2	0.458	0.0002	-2.5 to 2.5	Pass
				0	7.2	0.830	0.0003	-2.5 to 2.5	Pass
				10	7.2	0.916	0.0004	-2.5 to 2.5	Pass
				30	7.2	1.073	0.0004	-2.5 to 2.5	Pass
				40	7.2	1.388	0.0005	-2.5 to 2.5	Pass
				50	7.2	1.030	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	4.571	/	Pass
		2535	25	0	4.531	/	Pass
		2567.5	25	0	4.529	/	Pass
	16QAM	2502.5	25	0	4.527	/	Pass
		2535	25	0	4.547	/	Pass
		2567.5	25	0	4.568	/	Pass
10	QPSK	2505	50	0	9.045	/	Pass
		2535	50	0	9.037	/	Pass
		2565	50	0	9.036	/	Pass
	16QAM	2505	50	0	9.039	/	Pass
		2535	50	0	9.052	/	Pass
		2565	50	0	9.030	/	Pass
15	QPSK	2507.5	75	0	13.516	/	Pass
		2535	75	0	13.522	/	Pass
		2562.5	75	0	13.504	/	Pass
	16QAM	2507.5	75	0	13.575	/	Pass
		2535	75	0	13.538	/	Pass
		2562.5	75	0	13.537	/	Pass
20	QPSK	2510	100	0	17.998	/	Pass
		2535	100	0	18.119	/	Pass
		2560	100	0	18.023	/	Pass
	16QAM	2510	100	0	18.075	/	Pass
		2535	100	0	18.027	/	Pass
		2560	100	0	18.027	/	Pass

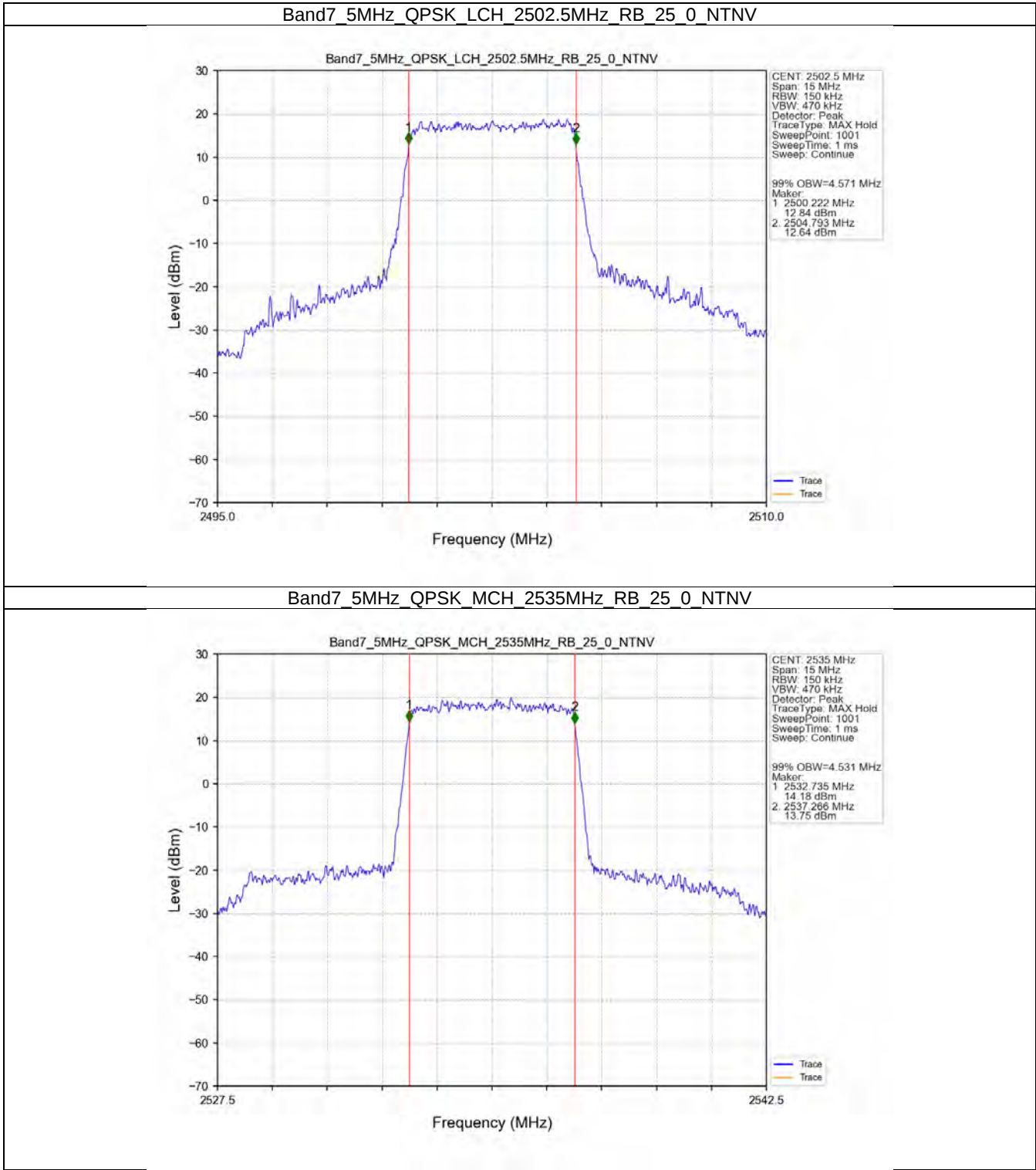
3.1.2 Band7_XDB

Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.227	/	Pass
		2535	25	0	5.067	/	Pass
		2567.5	25	0	5.079	/	Pass
	16QAM	2502.5	25	0	5.062	/	Pass
		2535	25	0	5.034	/	Pass
		2567.5	25	0	5.087	/	Pass
10	QPSK	2505	50	0	10.082	/	Pass
		2535	50	0	10.062	/	Pass
		2565	50	0	9.998	/	Pass
	16QAM	2505	50	0	9.965	/	Pass
		2535	50	0	10.034	/	Pass
		2565	50	0	9.939	/	Pass
15	QPSK	2507.5	75	0	15.092	/	Pass
		2535	75	0	14.940	/	Pass
		2562.5	75	0	14.843	/	Pass

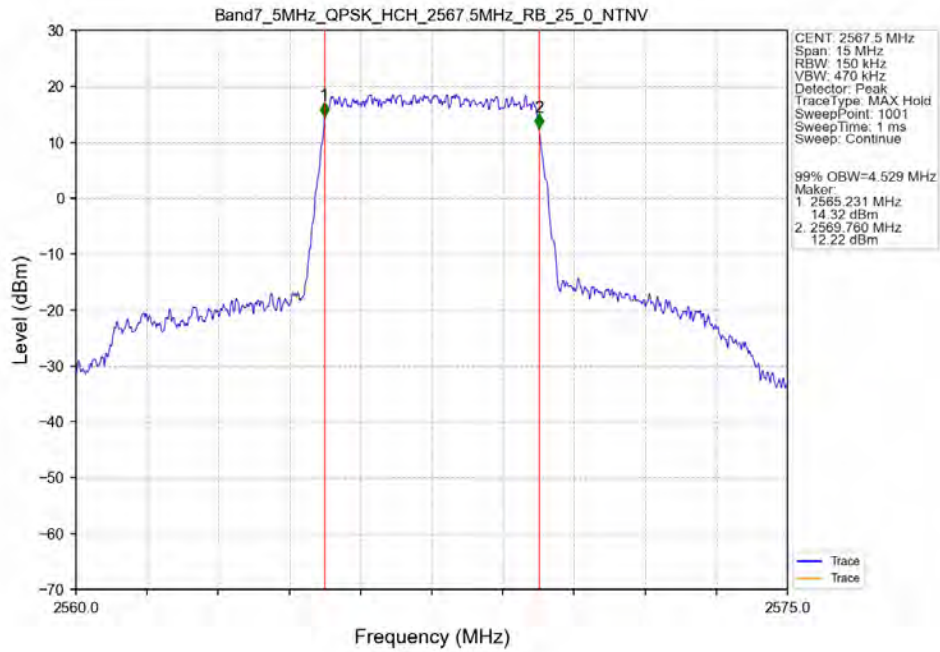
	16QAM	2507.5	75	0	14.949	/	Pass
		2535	75	0	14.922	/	Pass
		2562.5	75	0	14.944	/	Pass
20	QPSK	2510	100	0	19.782	/	Pass
		2535	100	0	19.821	/	Pass
		2560	100	0	19.708	/	Pass
	16QAM	2510	100	0	19.613	/	Pass
		2535	100	0	19.684	/	Pass
		2560	100	0	19.696	/	Pass

3.2 Test Graph

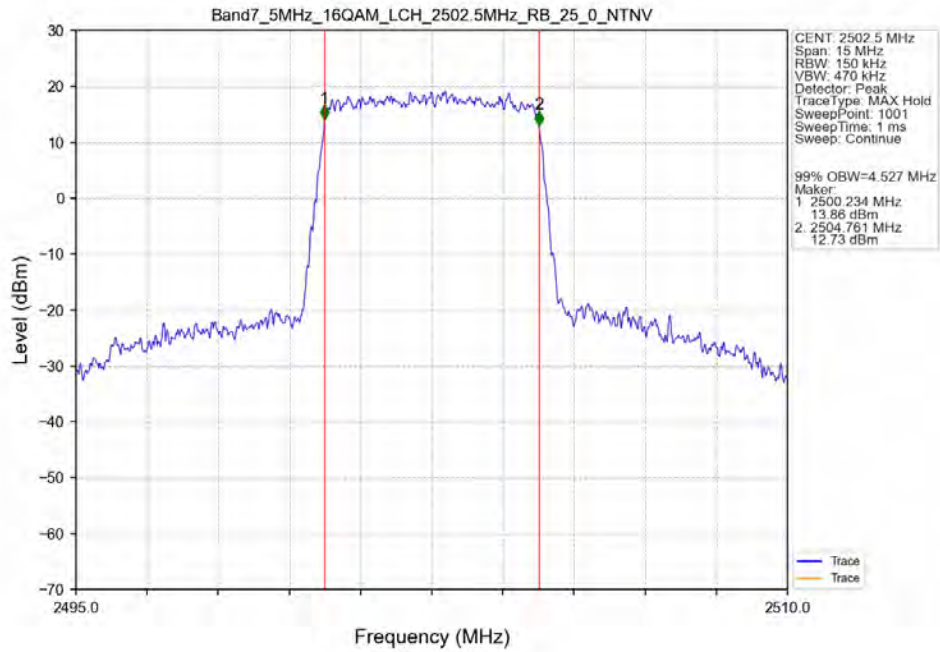
3.2.1 Band7_OBW



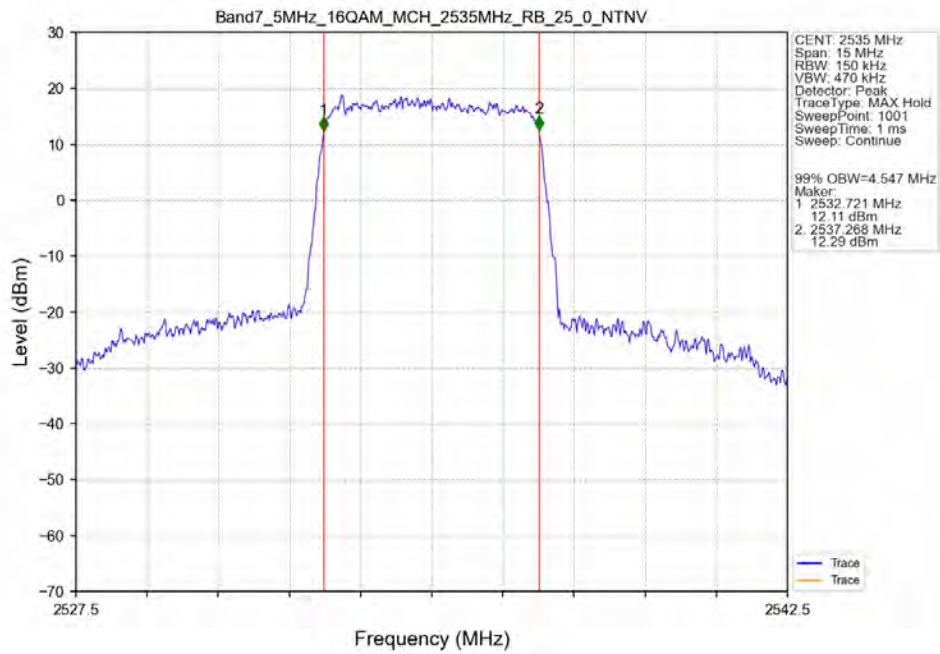
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



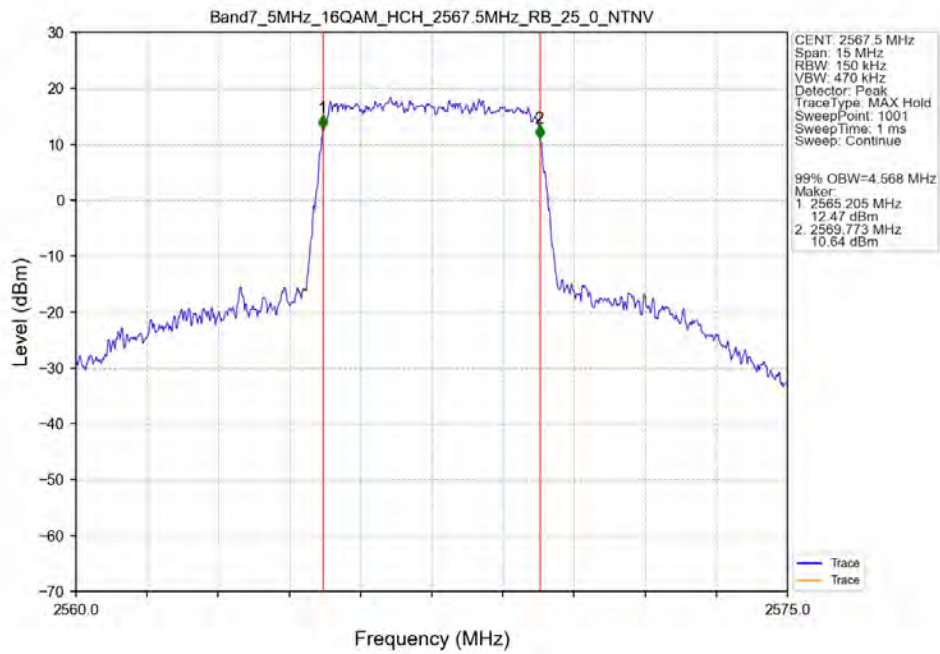
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



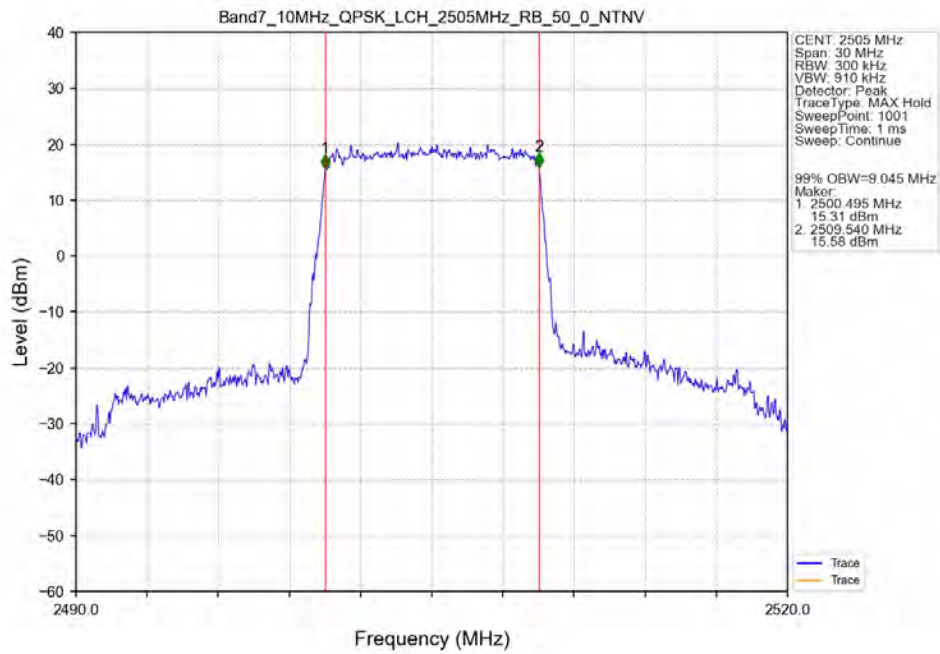
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



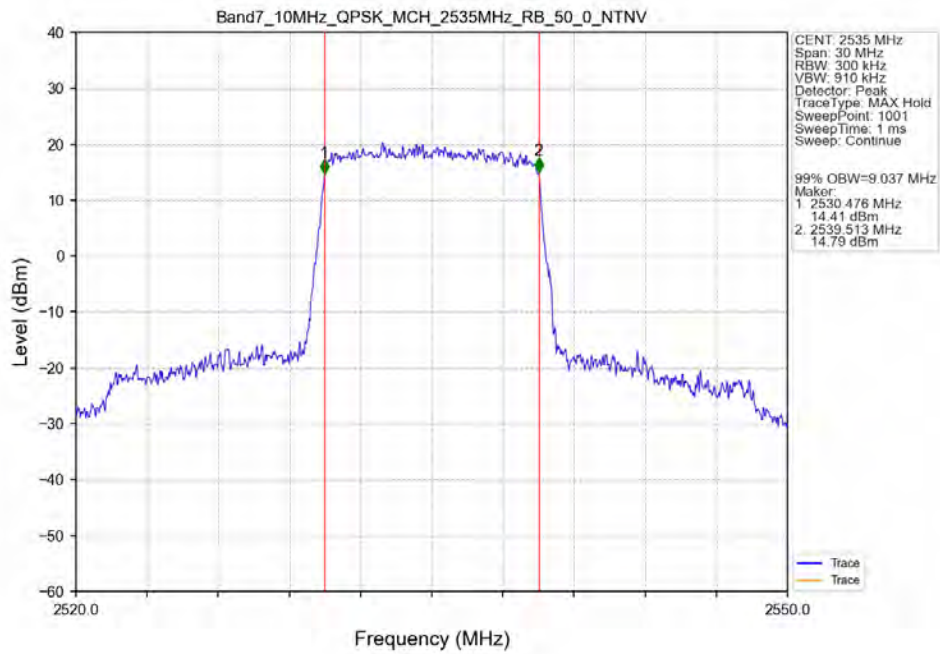
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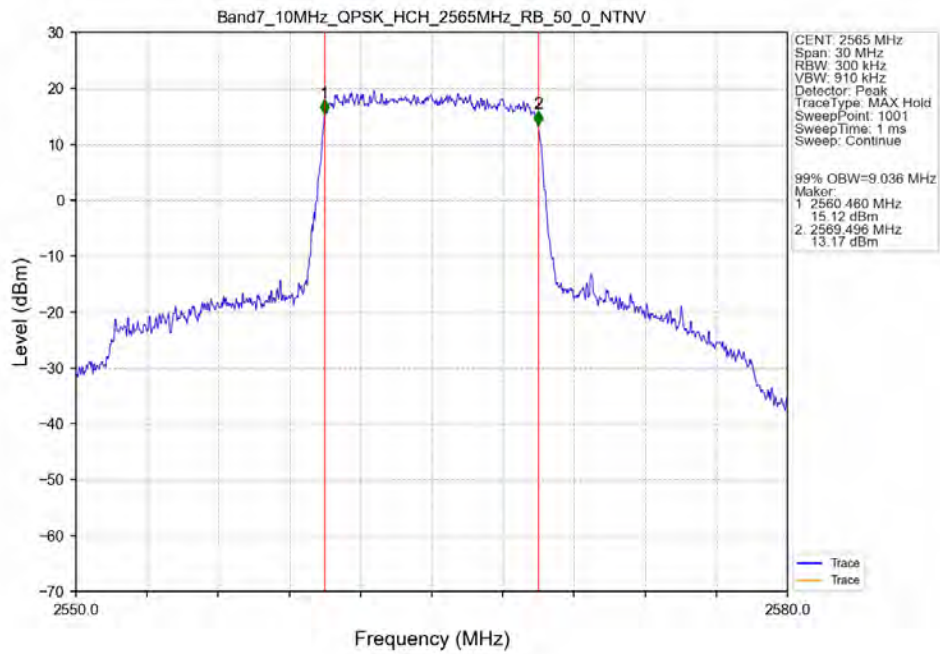
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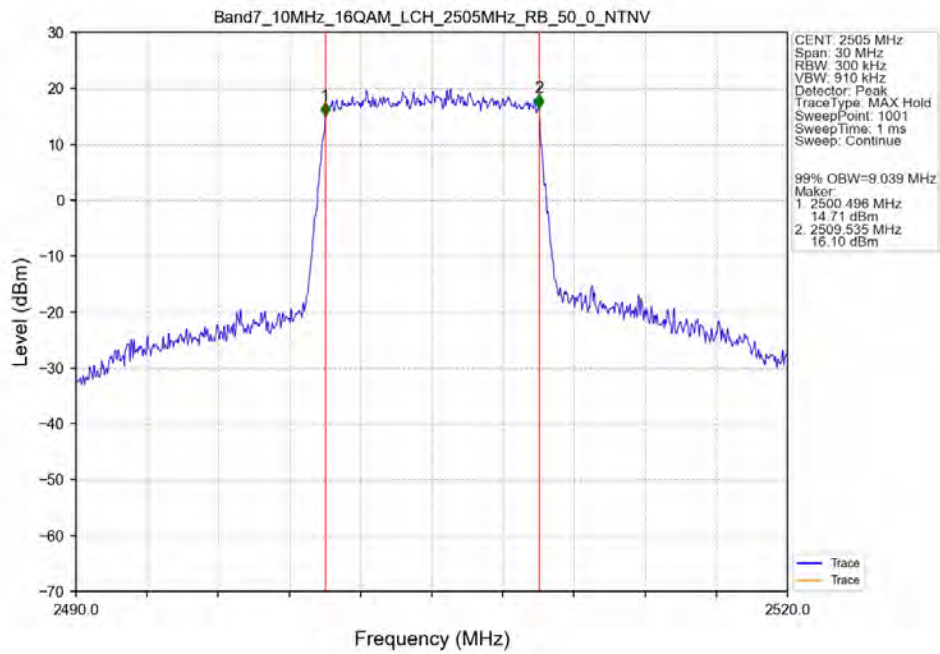
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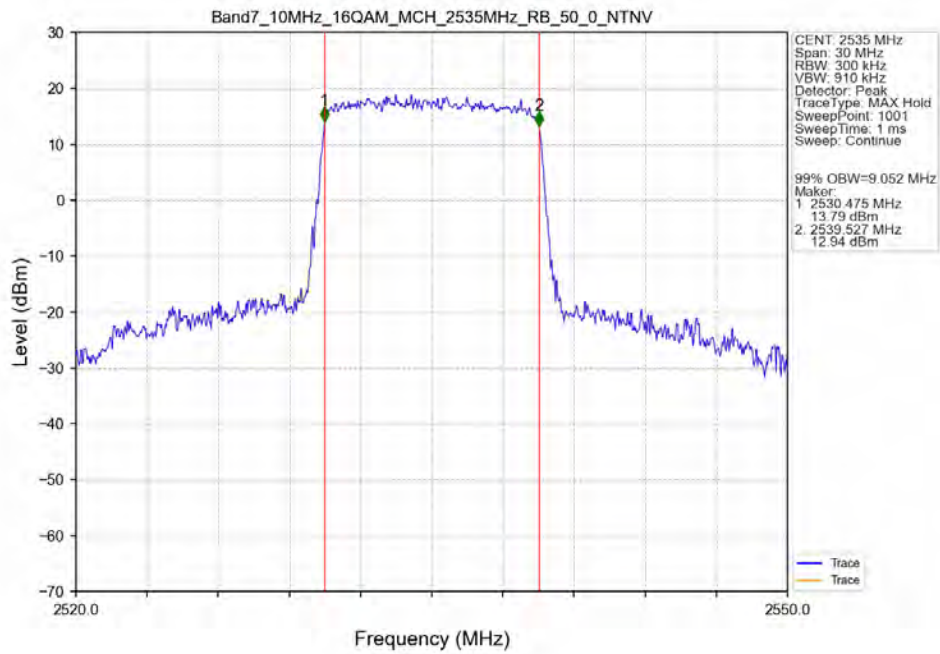
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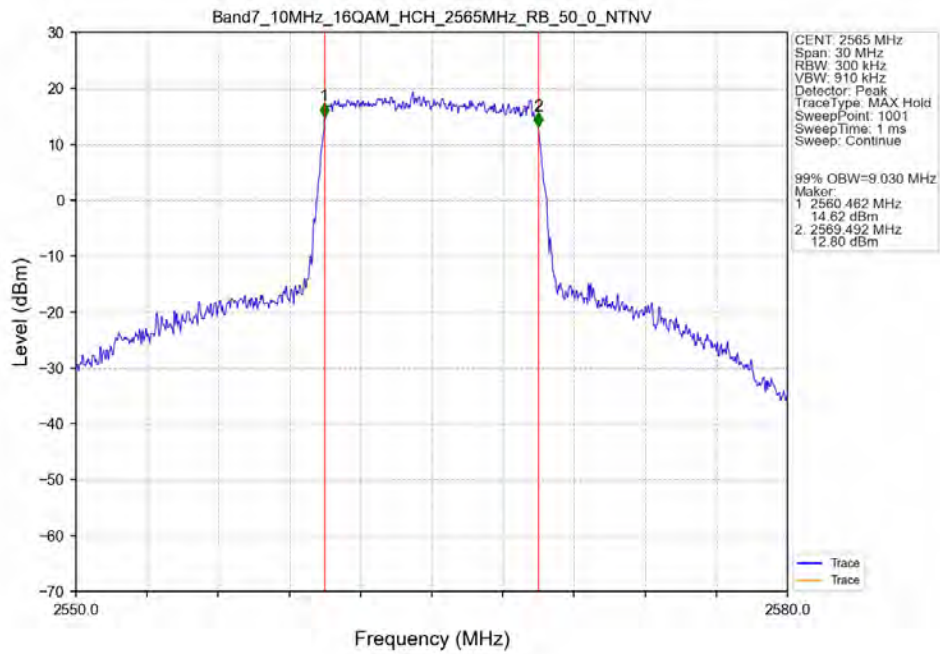
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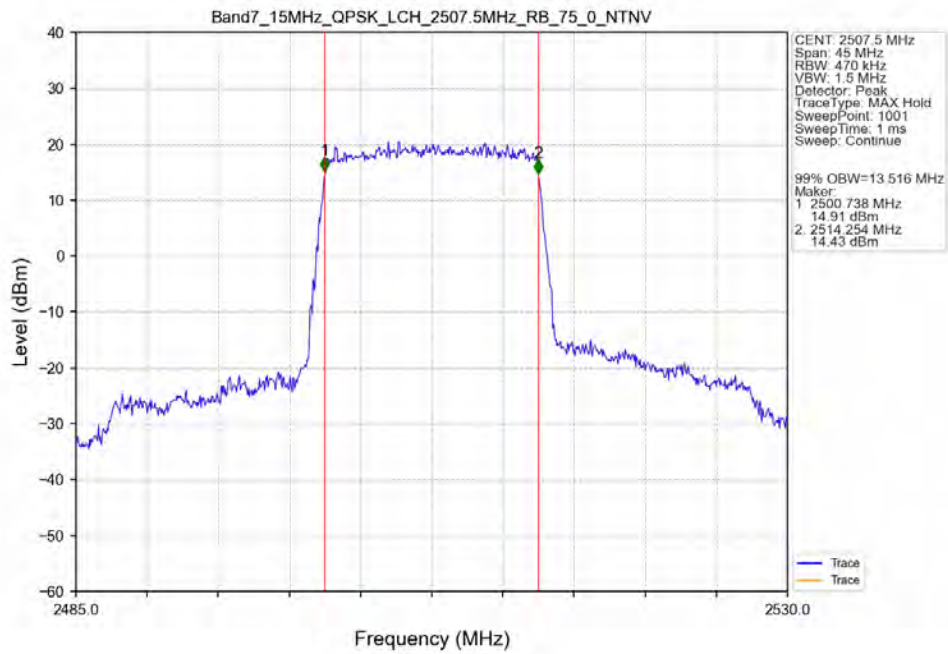
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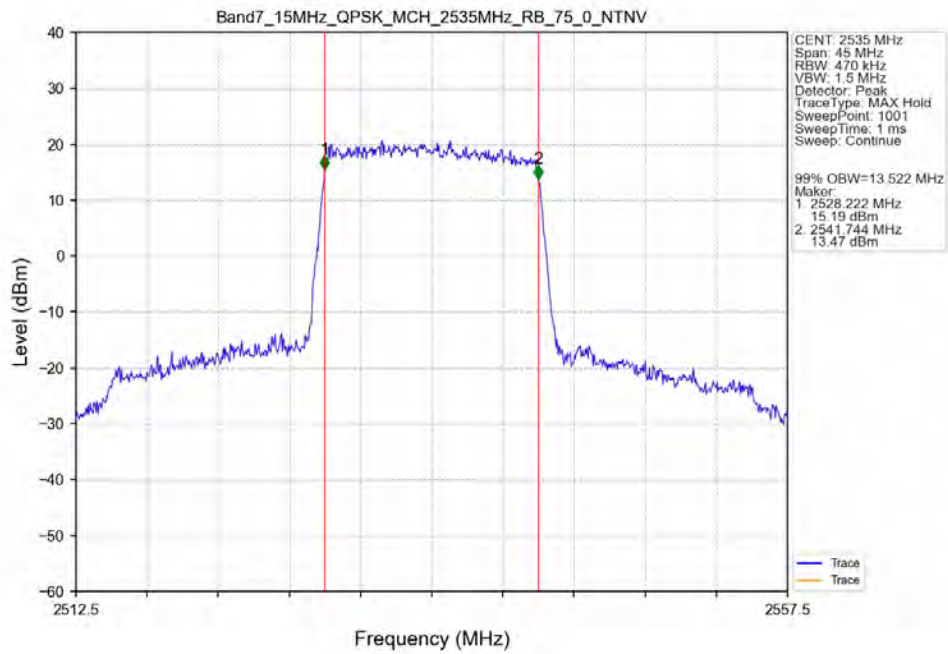
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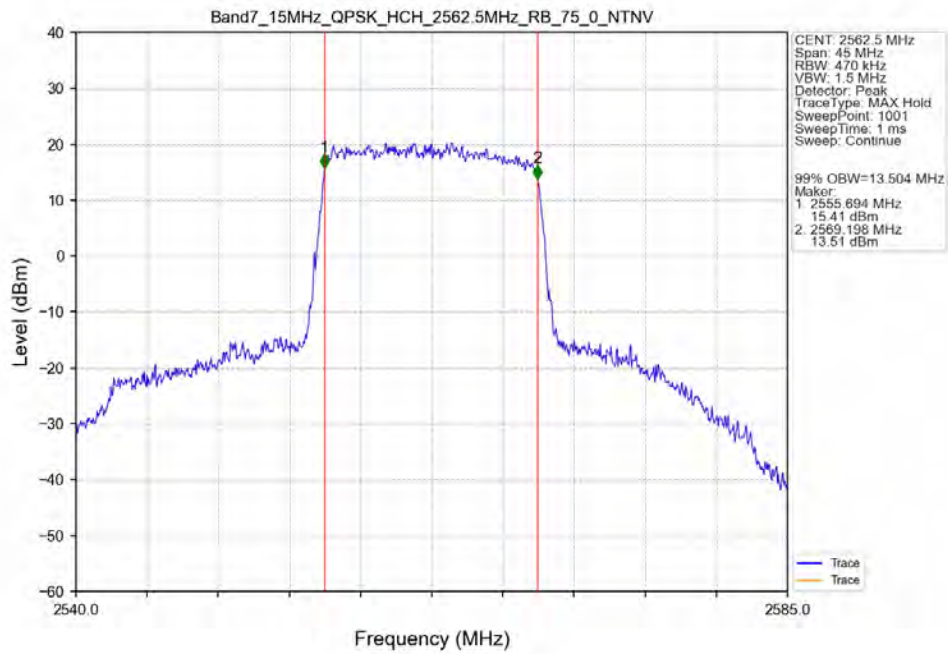
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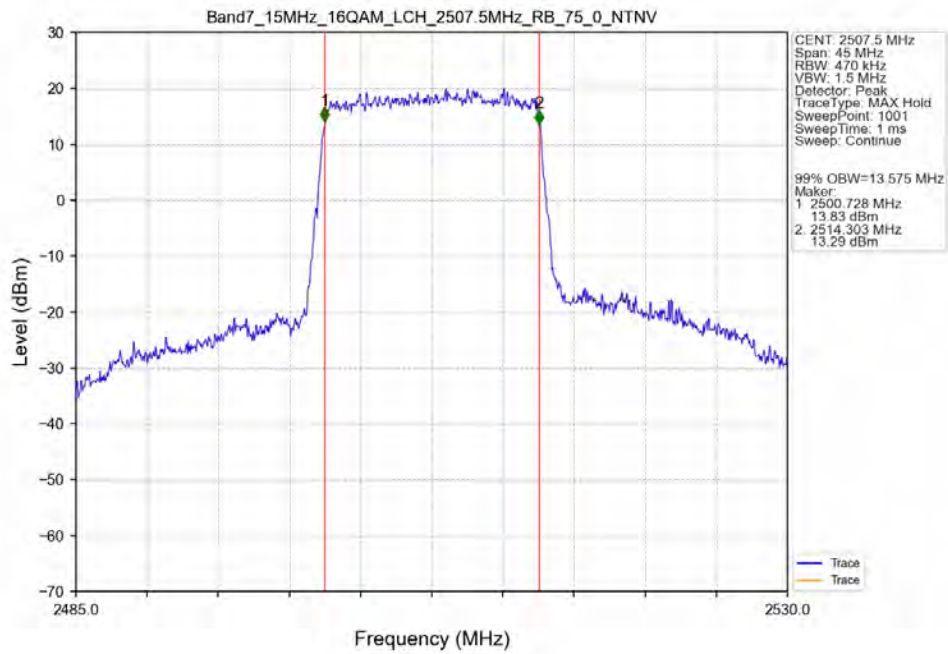
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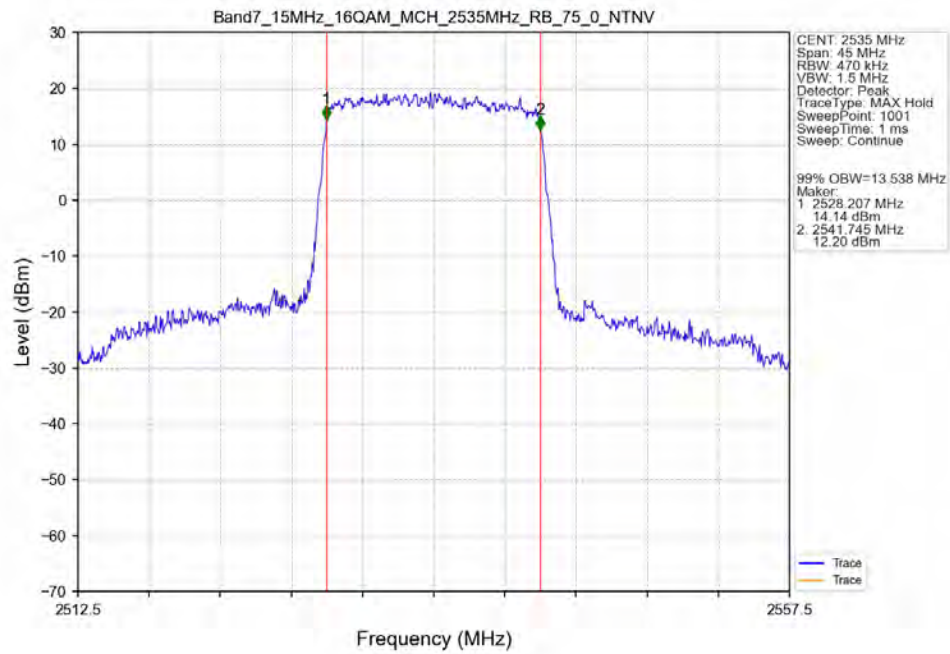
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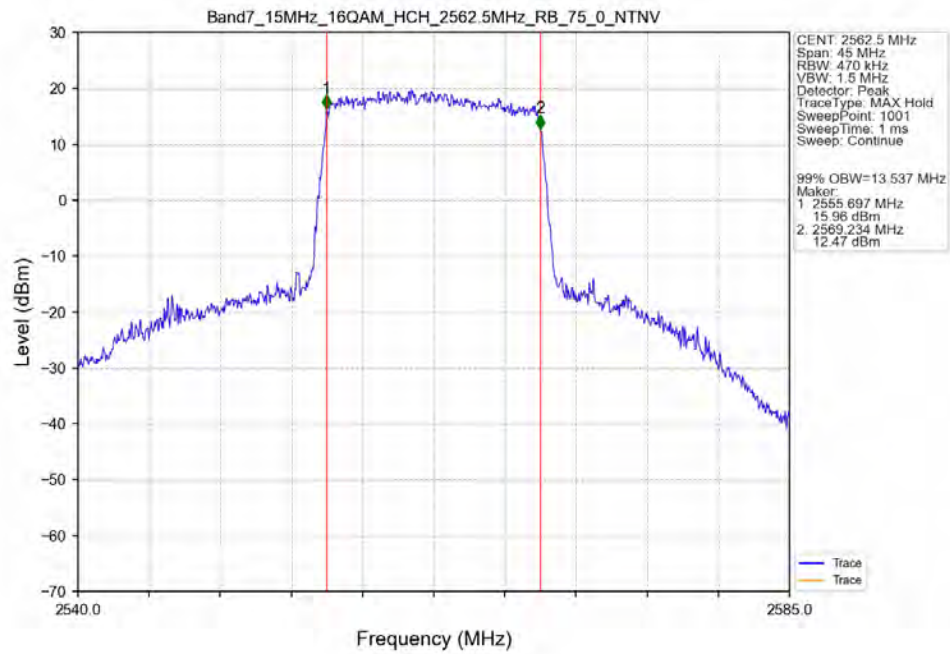
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



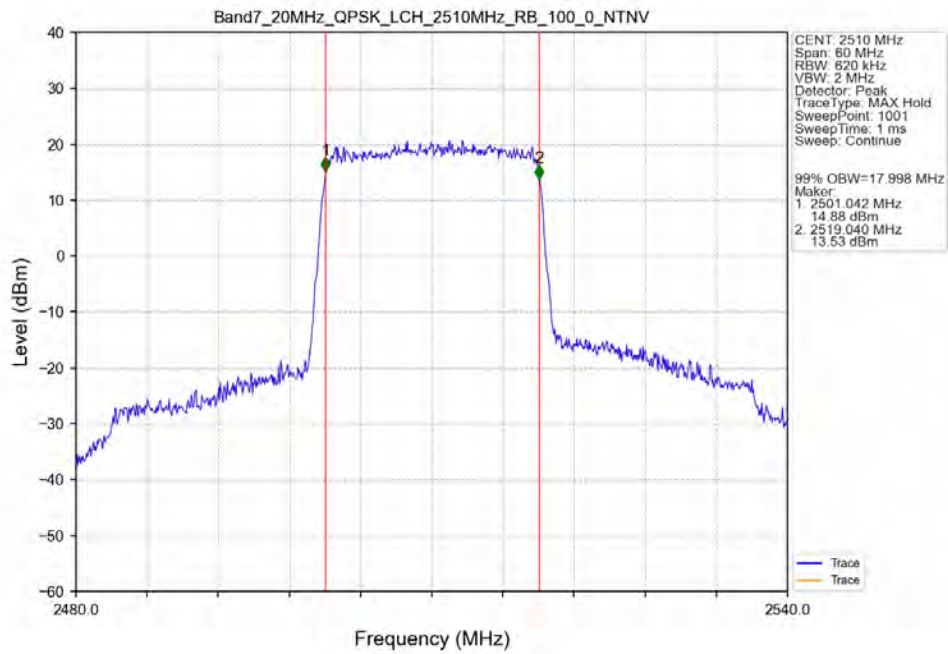
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV



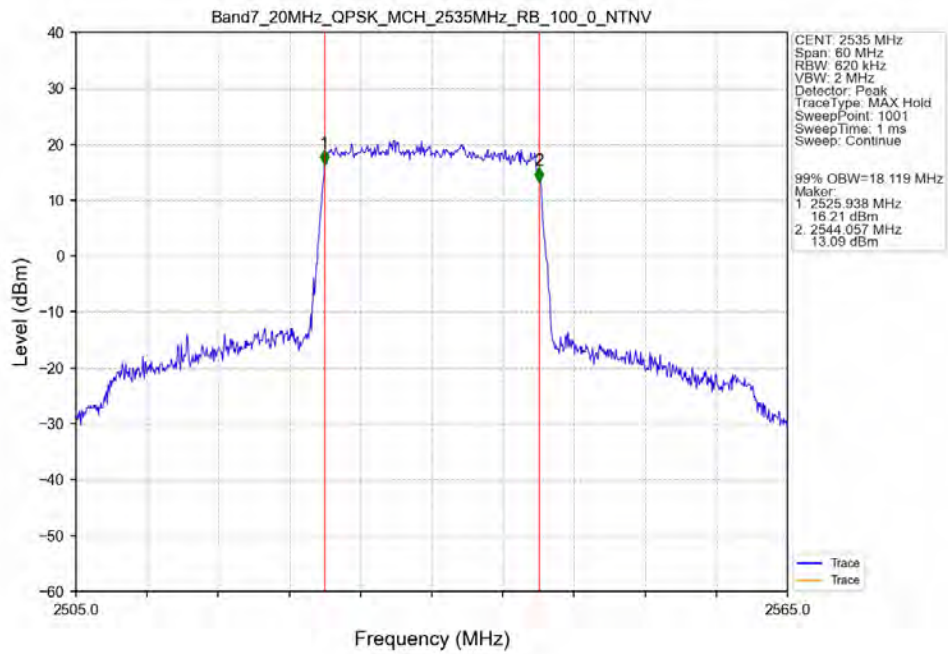
Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTV



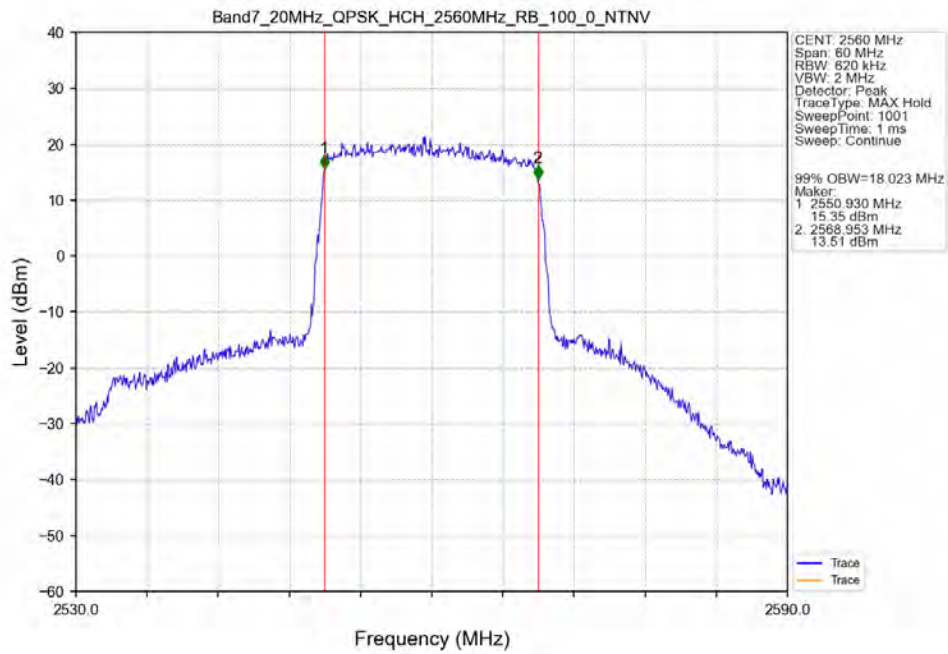
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



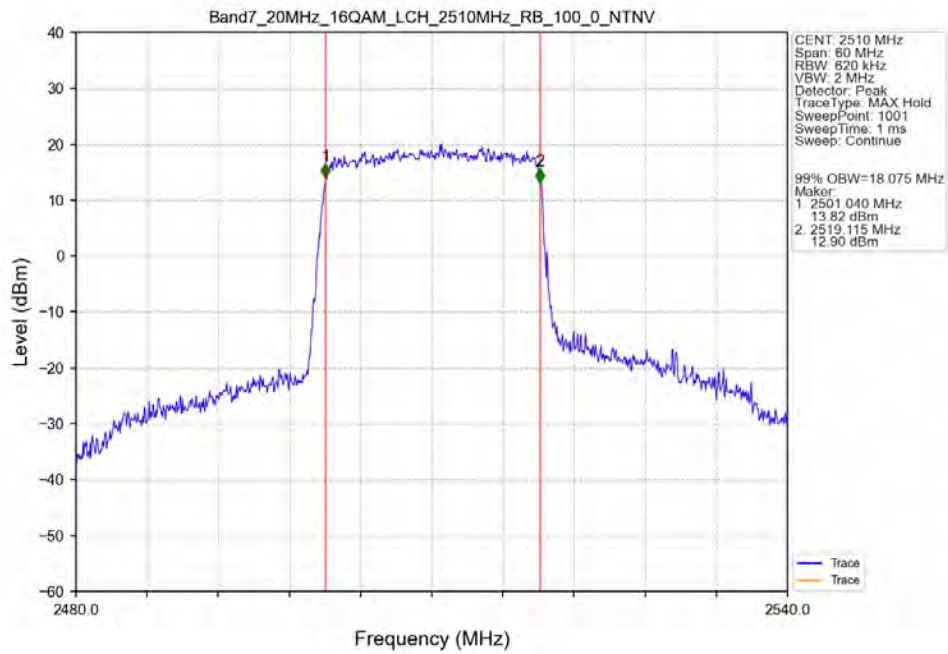
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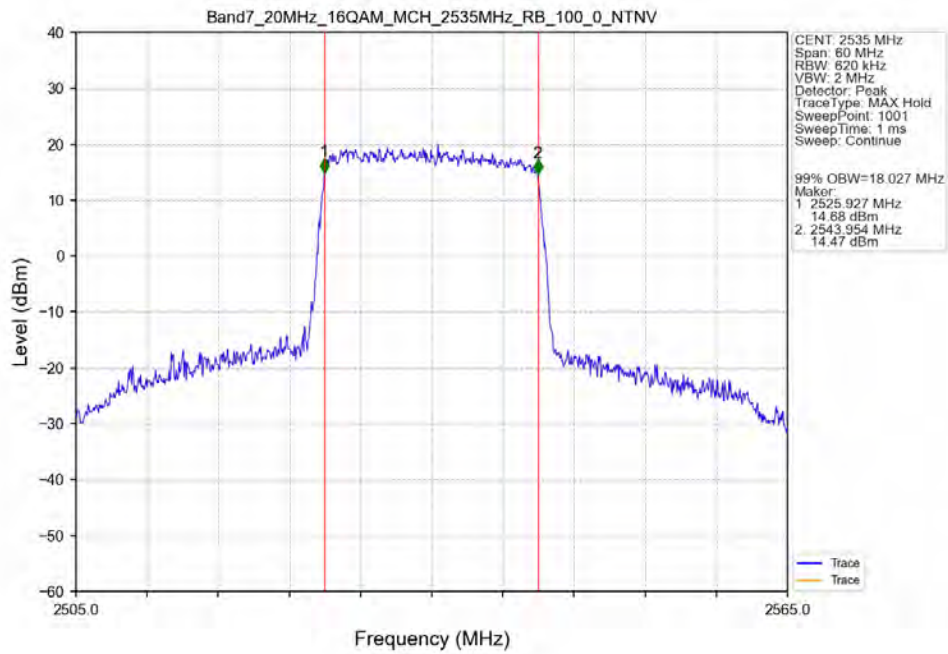
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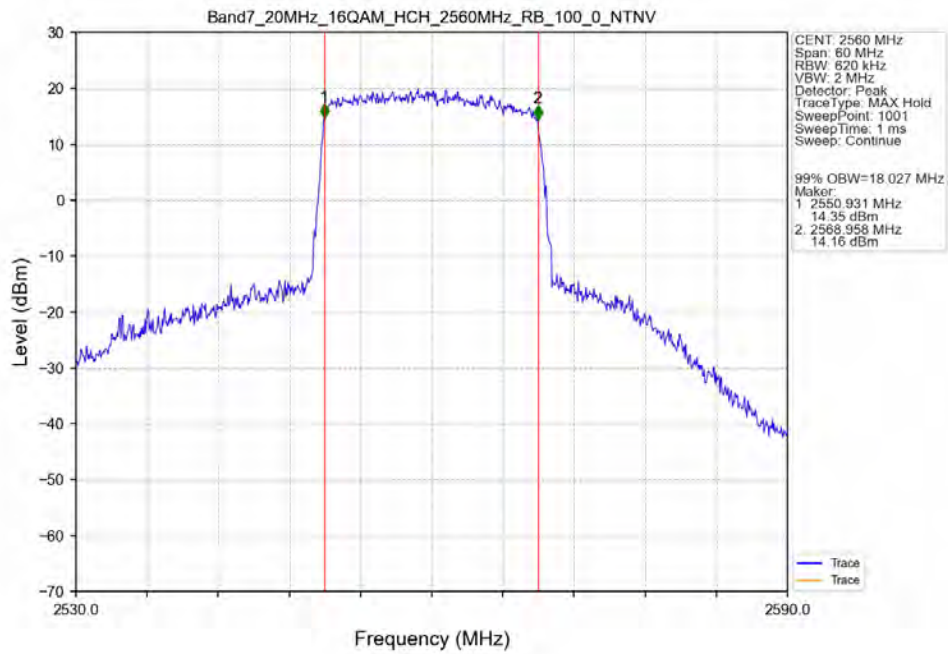
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV

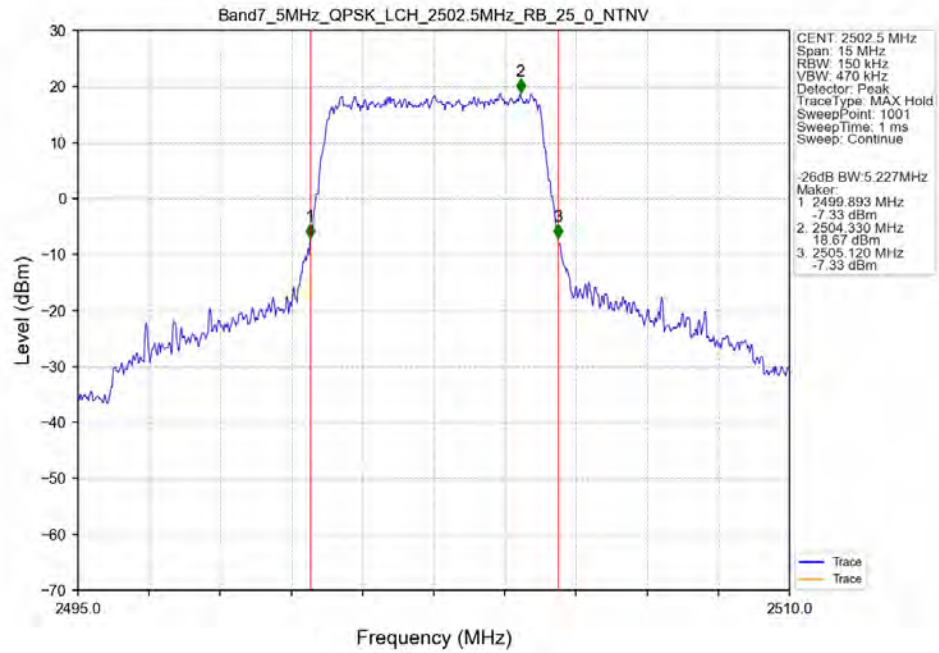


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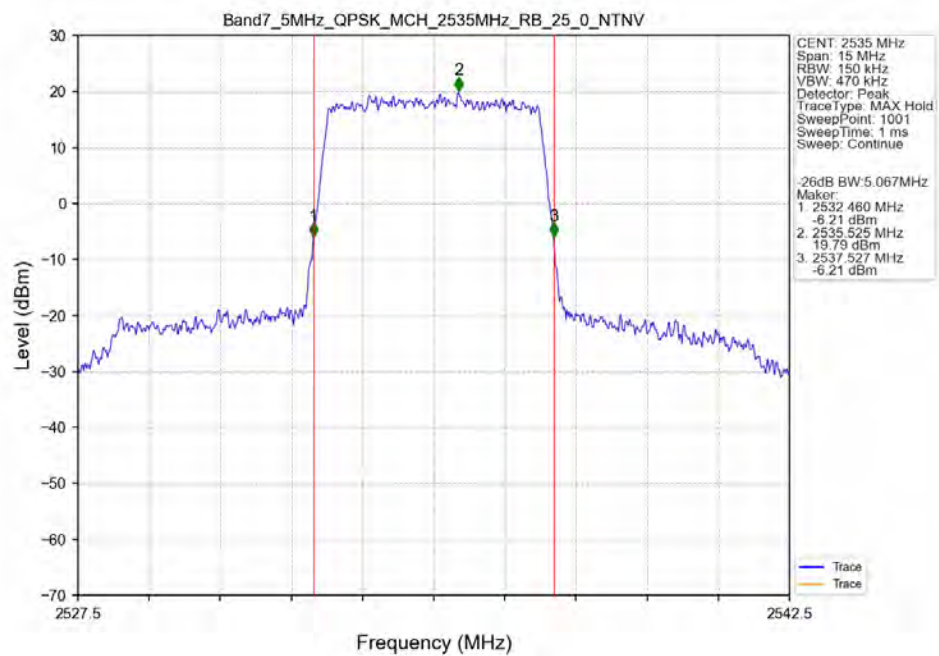


3.2.2 Band7_XDB

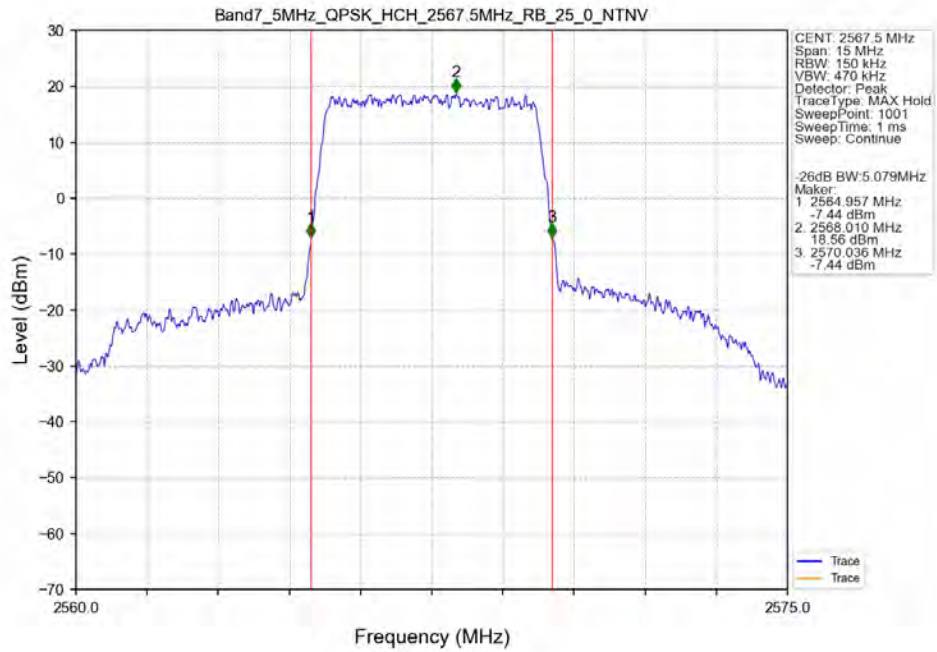
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



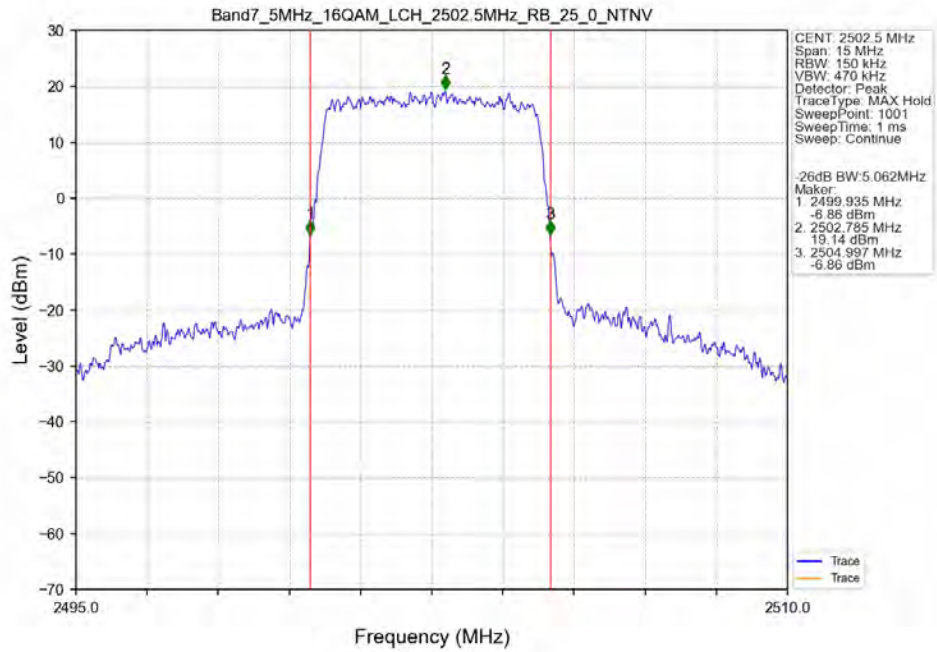
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



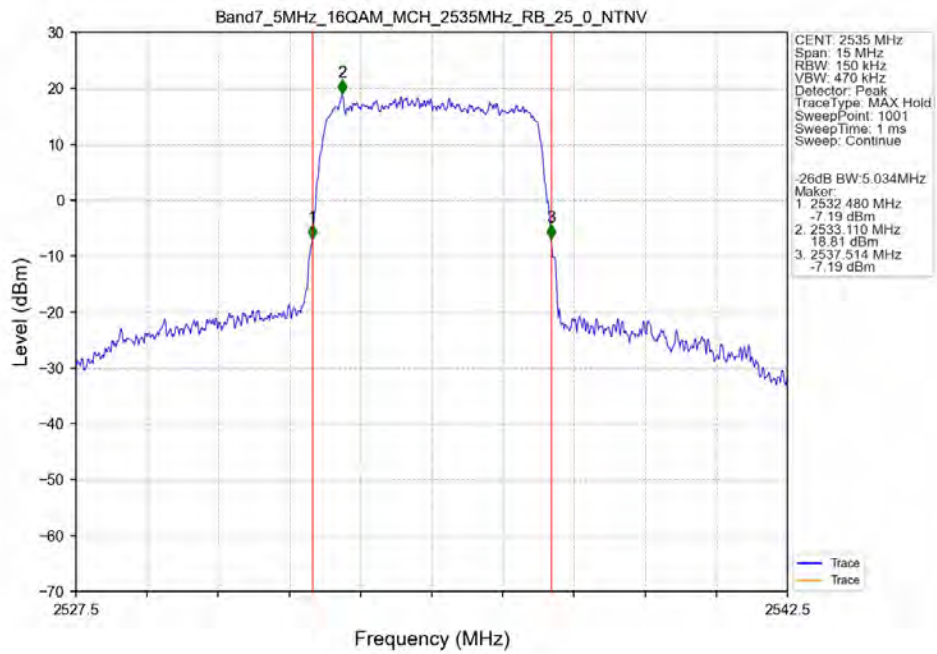
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



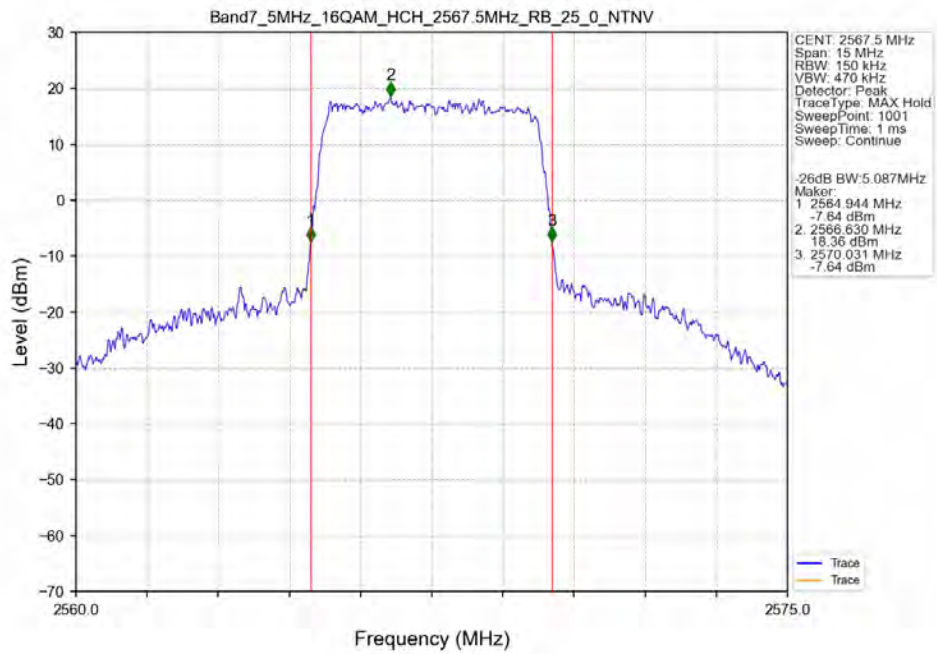
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



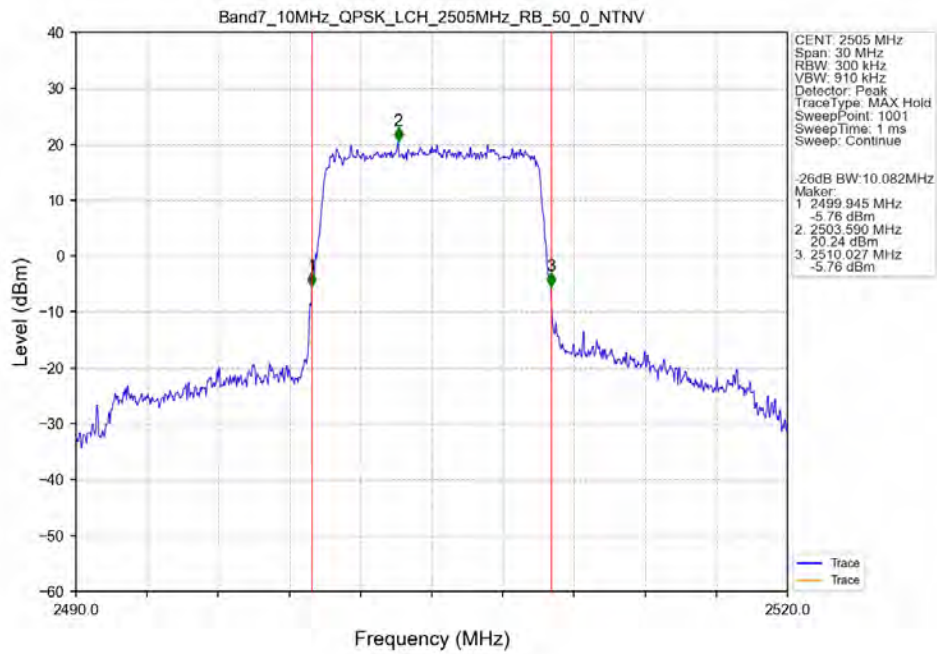
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



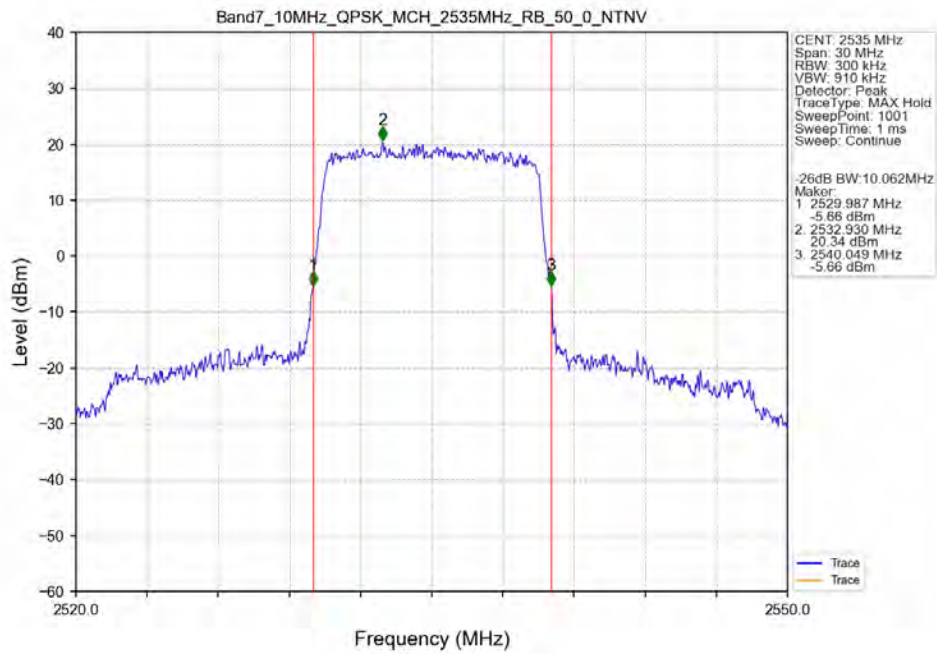
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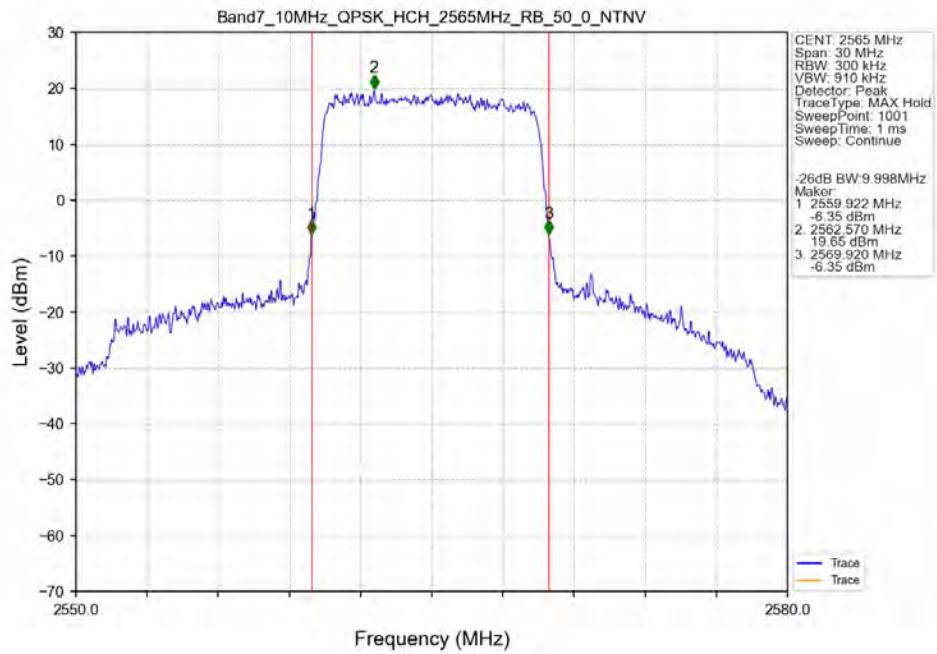
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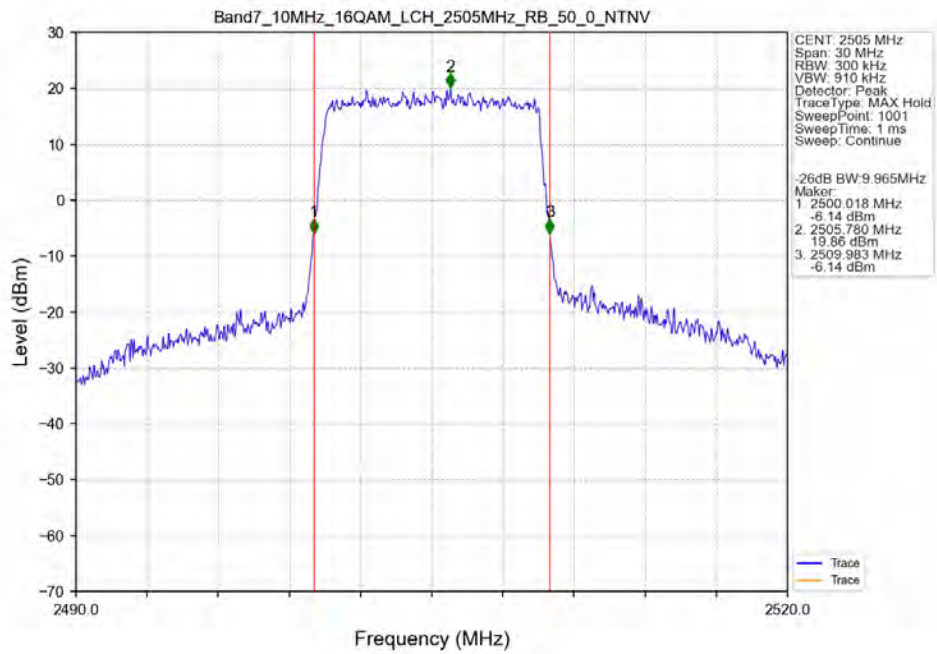
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



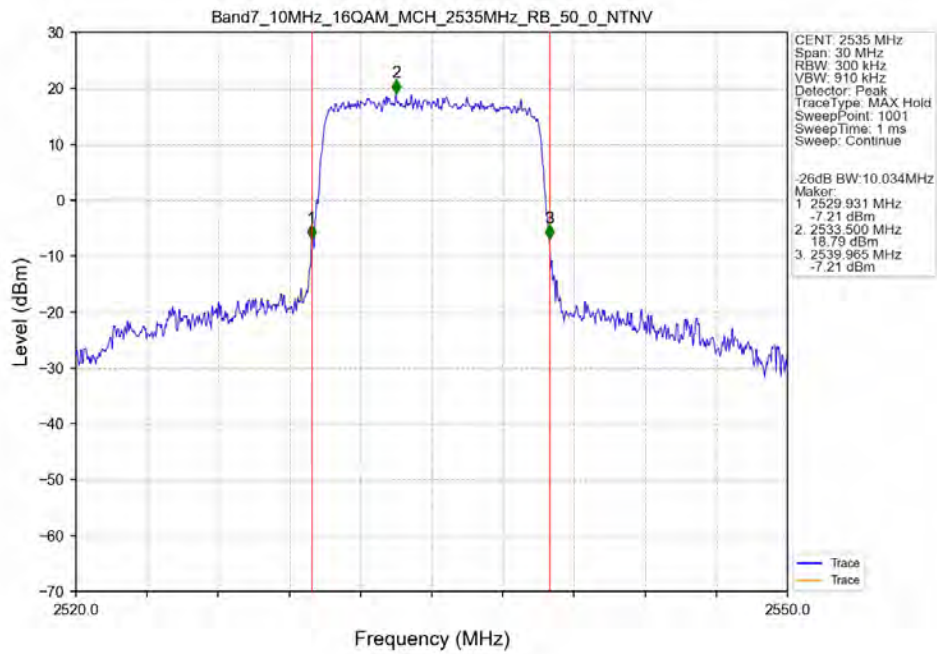
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



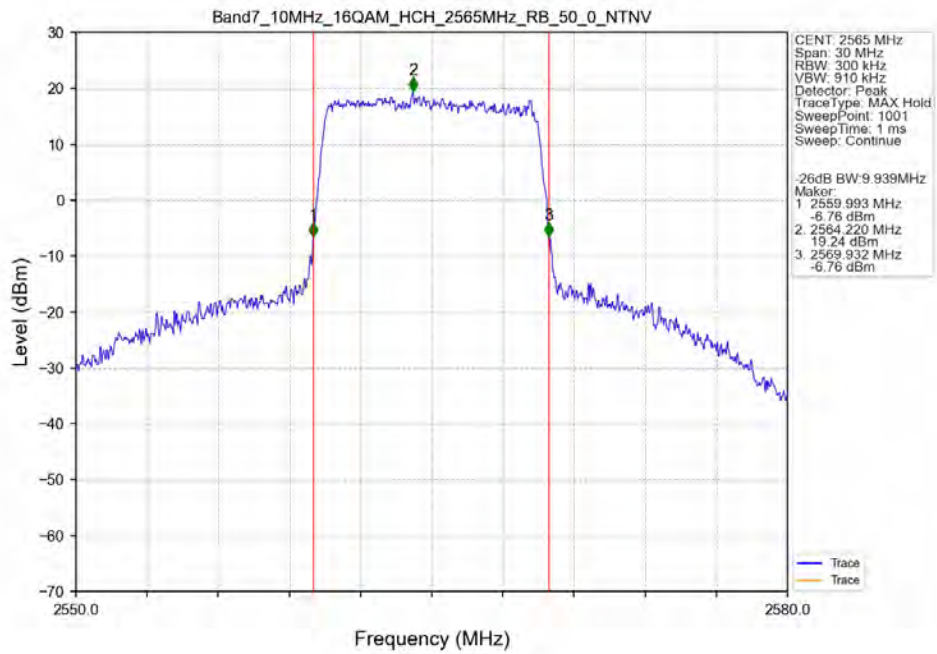
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



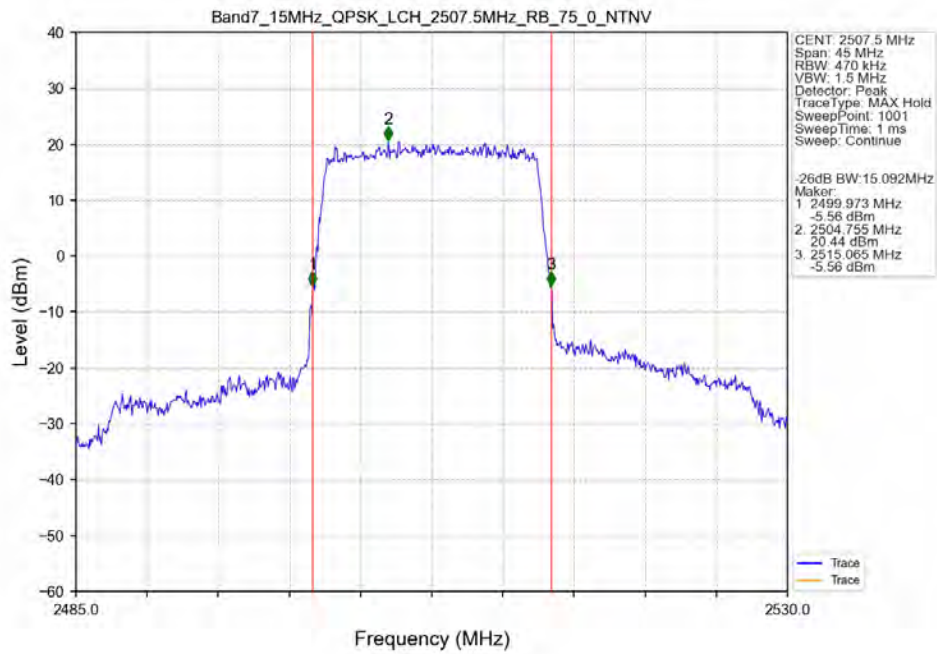
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



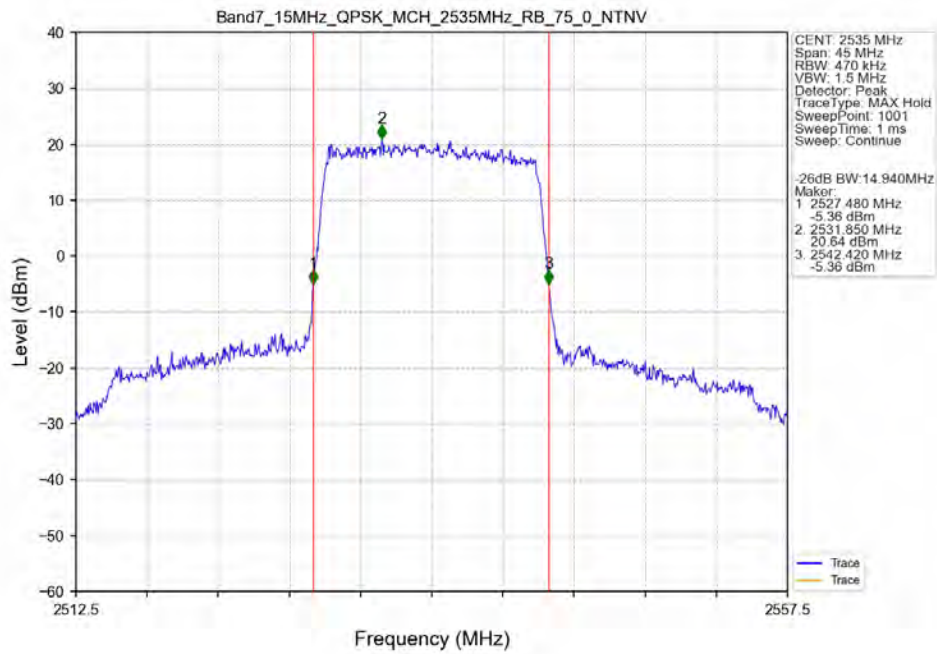
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTV



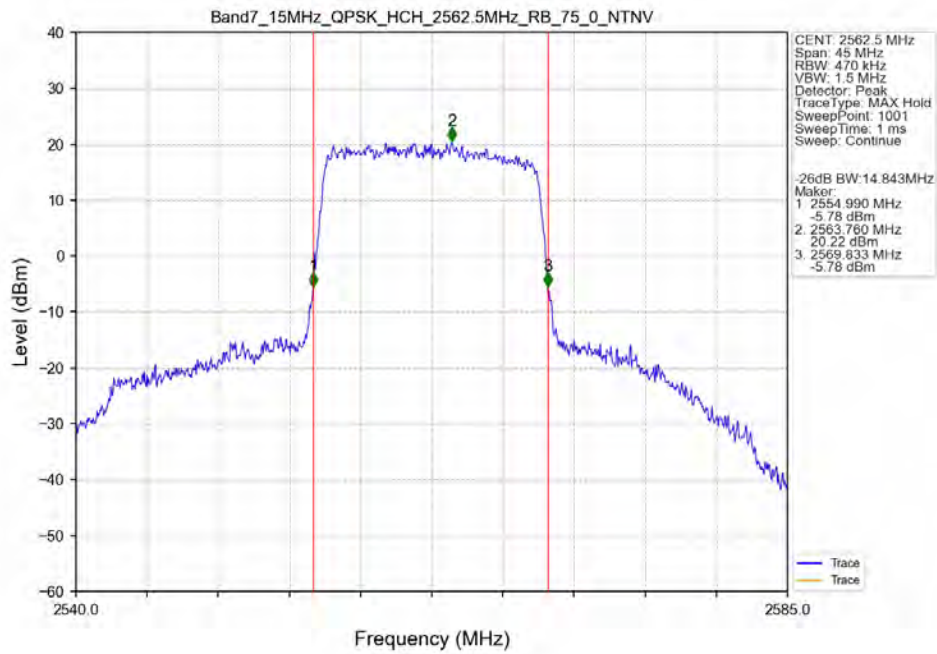
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



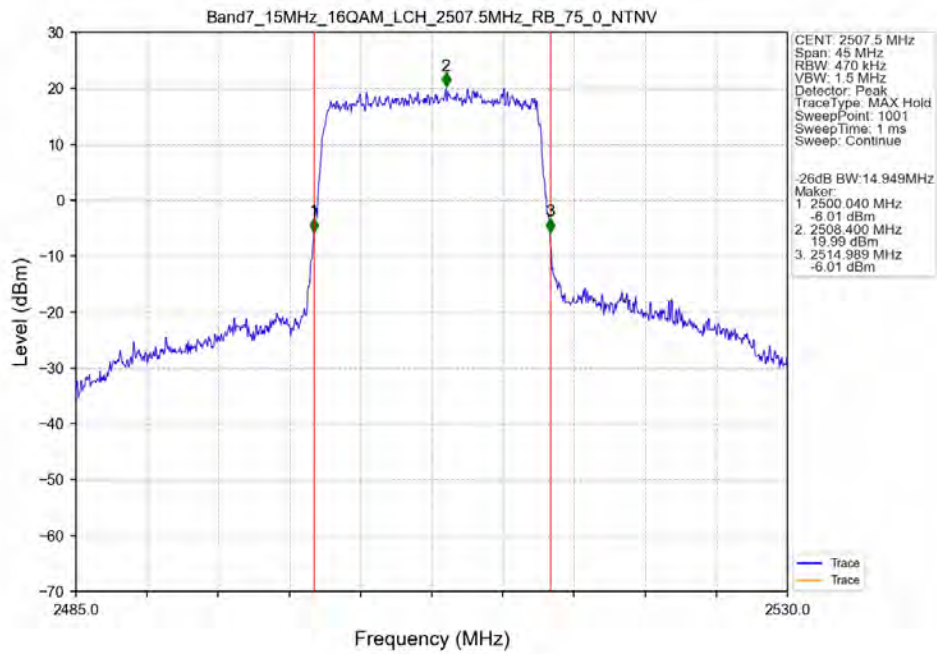
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



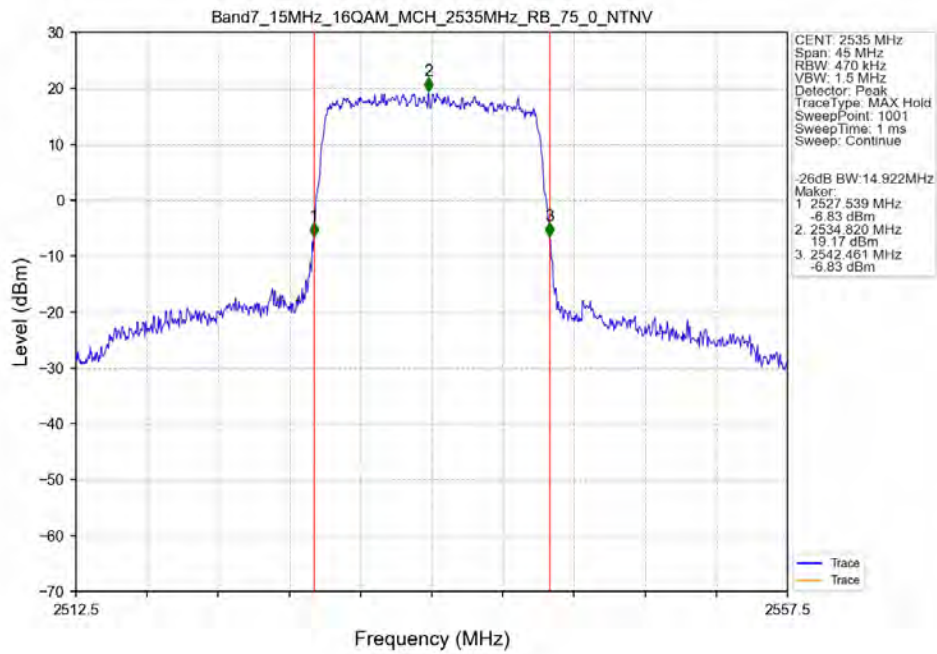
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



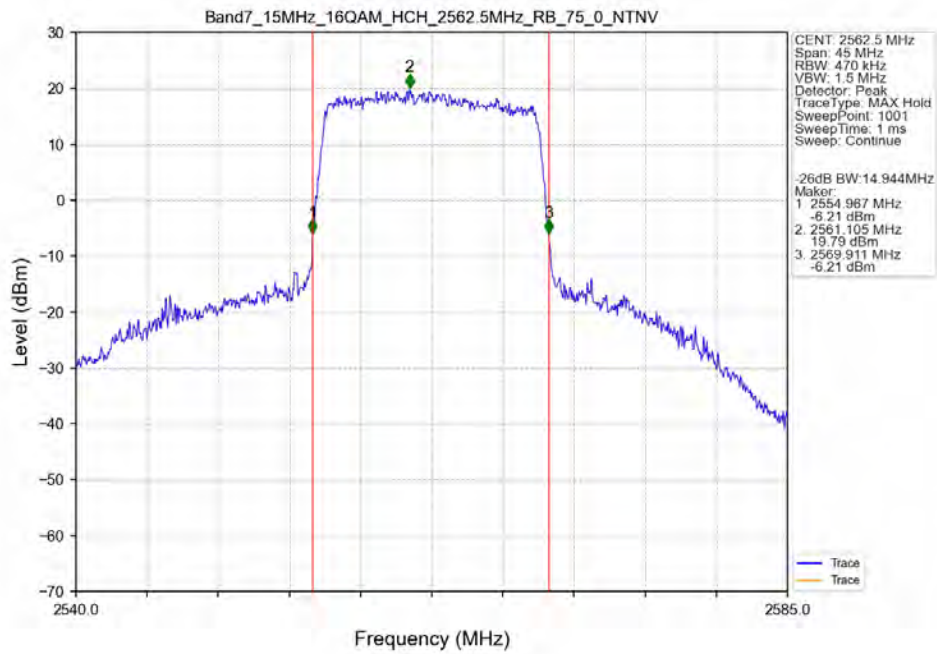
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



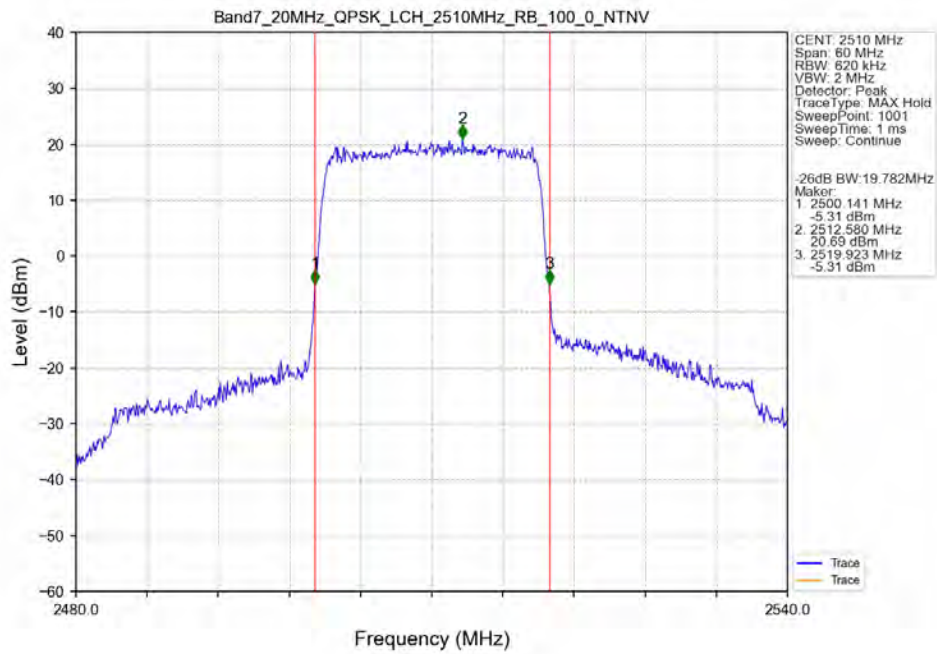
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



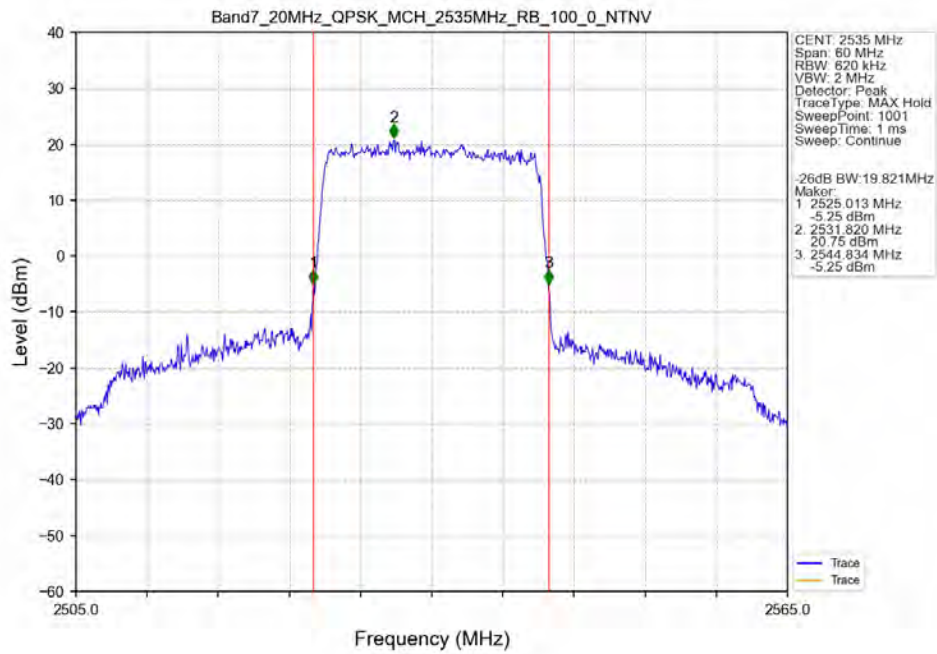
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



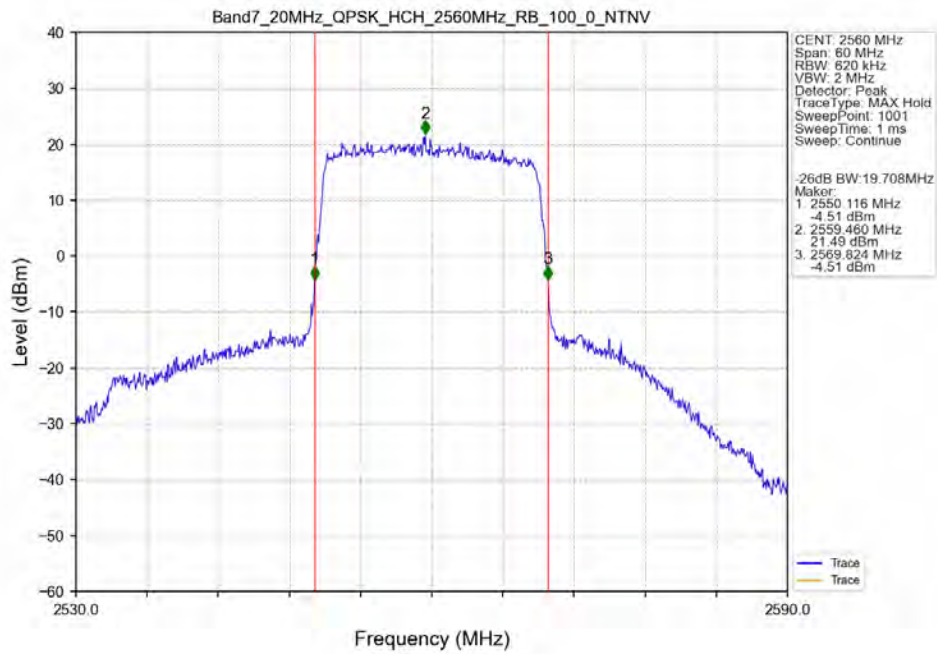
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



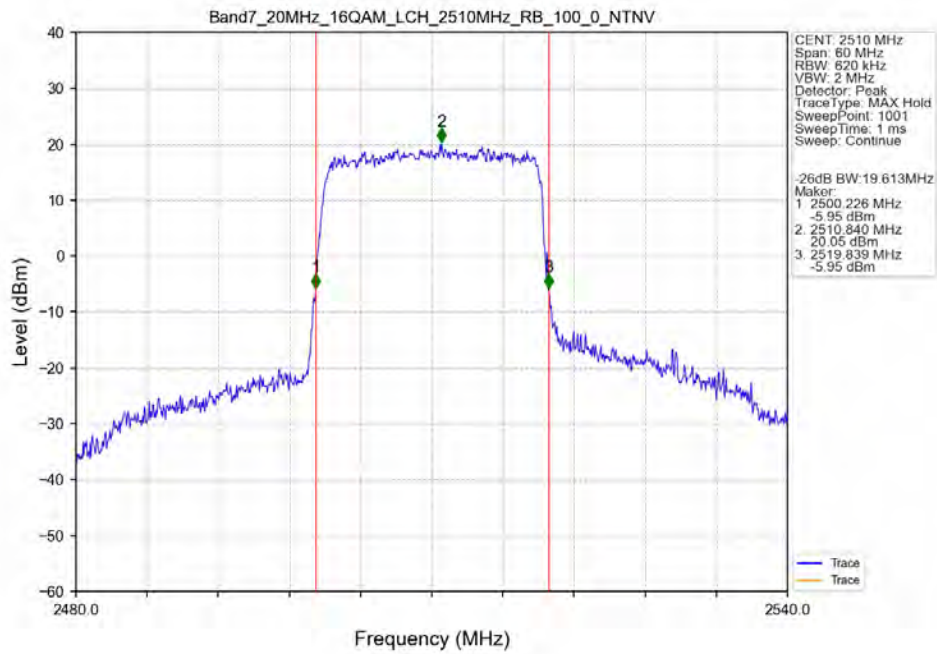
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



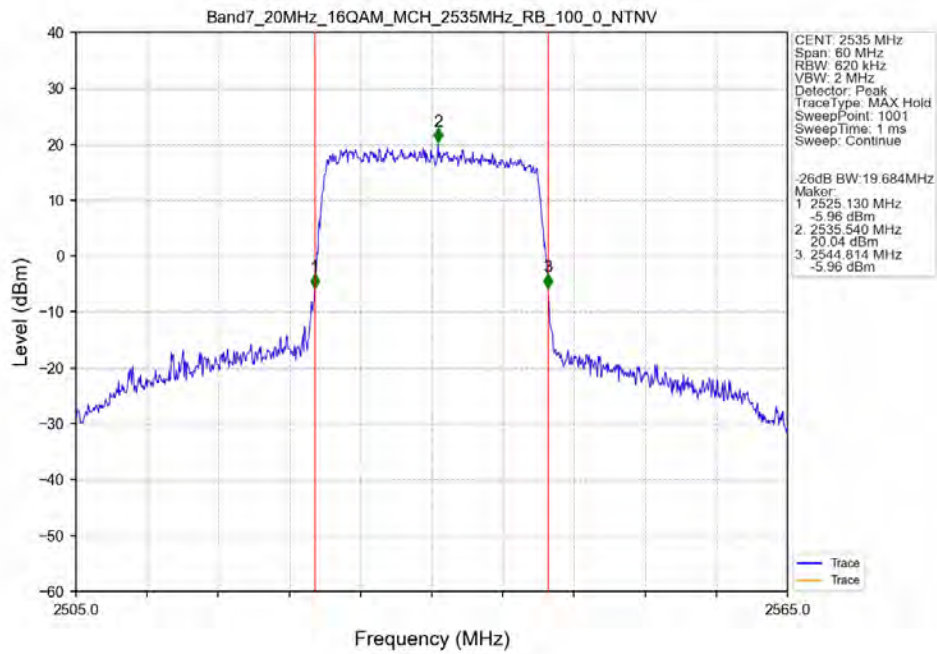
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



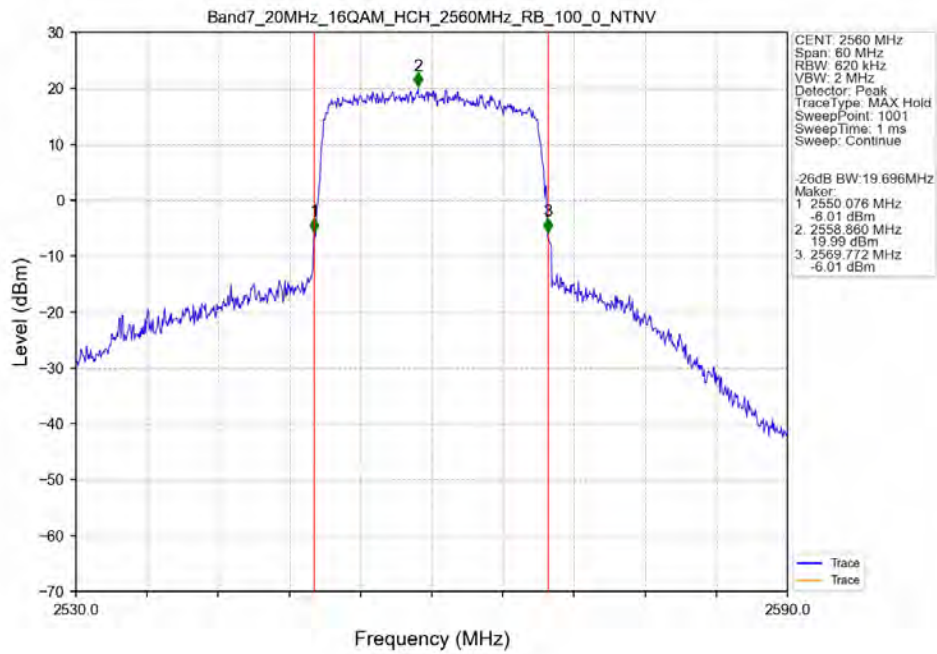
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

4.1 Test Result

4.1.1 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	4.82	<=13	Pass
	2535	25	0	4.77	<=13	Pass
	2567.5	25	0	4.75	<=13	Pass
16QAM	2502.5	25	0	5.74	<=13	Pass
	2535	25	0	5.57	<=13	Pass
	2567.5	25	0	5.55	<=13	Pass

4.1.2 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	4.87	<=13	Pass
	2535	50	0	4.69	<=13	Pass
	2565	50	0	4.72	<=13	Pass
16QAM	2505	50	0	5.77	<=13	Pass
	2535	50	0	5.60	<=13	Pass
	2565	50	0	5.54	<=13	Pass

4.1.3 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	4.98	<=13	Pass
	2535	75	0	4.83	<=13	Pass
	2562.5	75	0	4.74	<=13	Pass
16QAM	2507.5	75	0	5.77	<=13	Pass
	2535	75	0	5.63	<=13	Pass
	2562.5	75	0	5.48	<=13	Pass

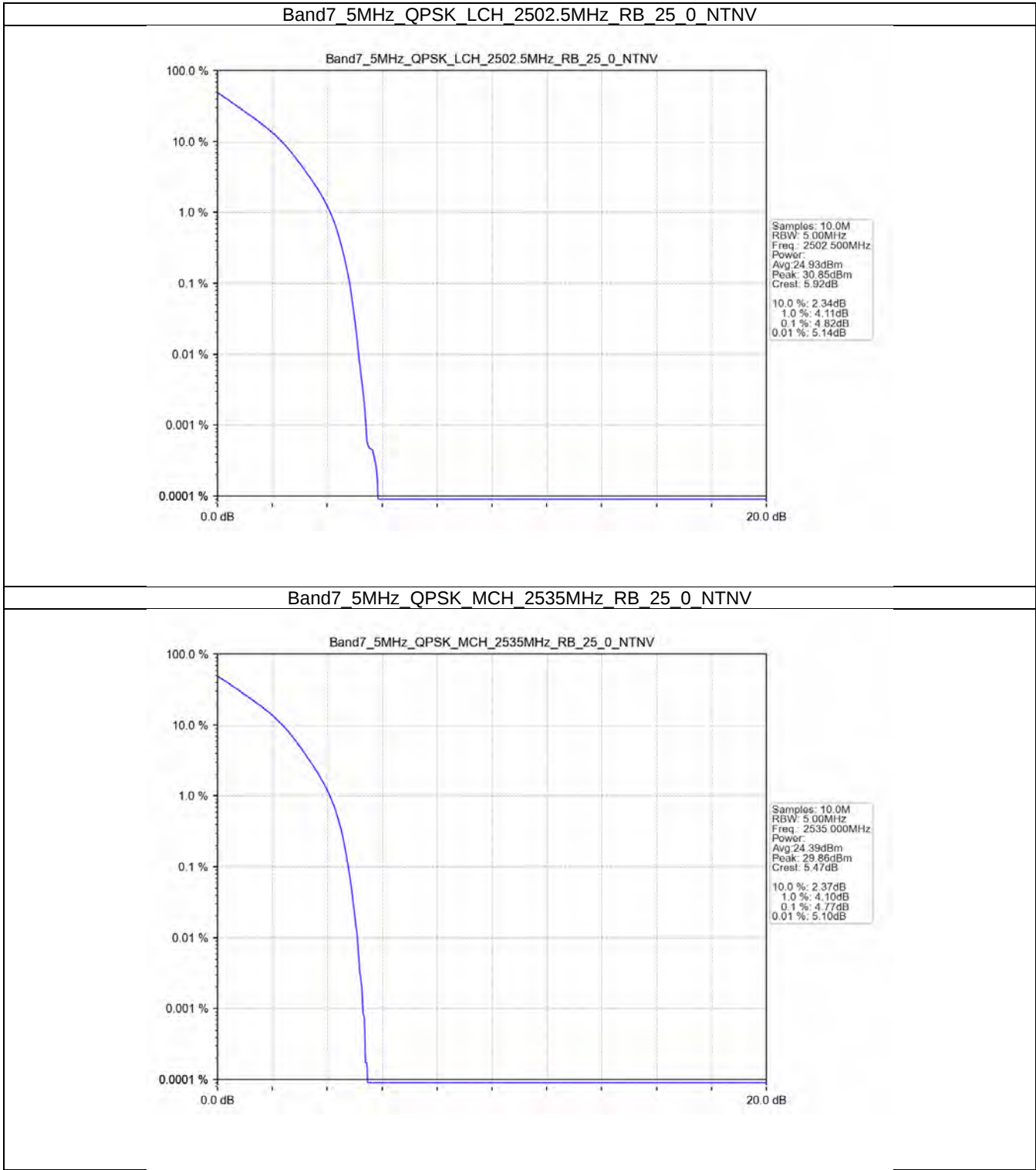
4.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	4.77	<=13	Pass
	2535	100	0	4.67	<=13	Pass
	2560	100	0	4.50	<=13	Pass
16QAM	2510	100	0	5.69	<=13	Pass
	2535	100	0	5.57	<=13	Pass

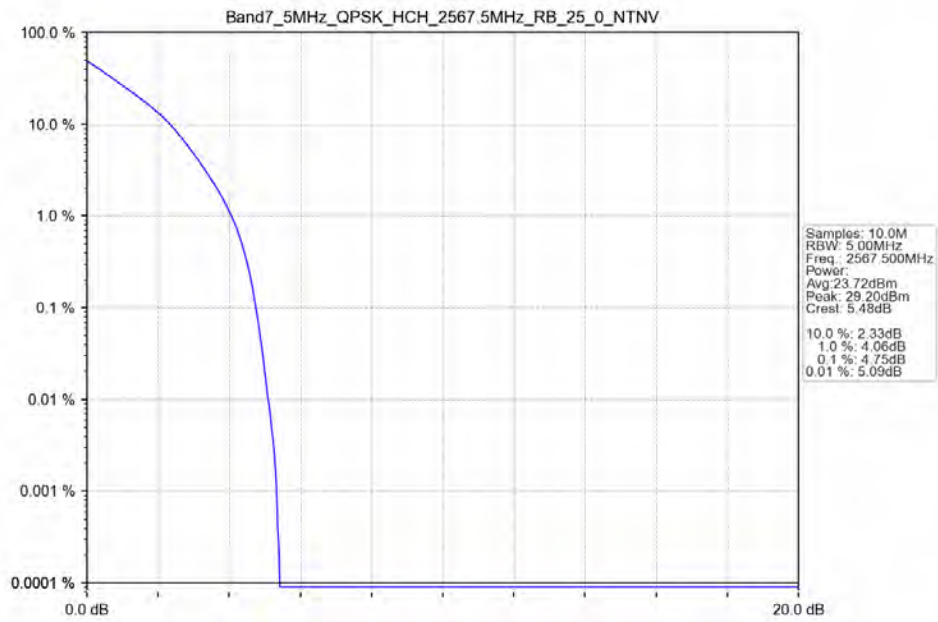
	2560	100	0	5.32	<=13	Pass
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4.2 Test Graph

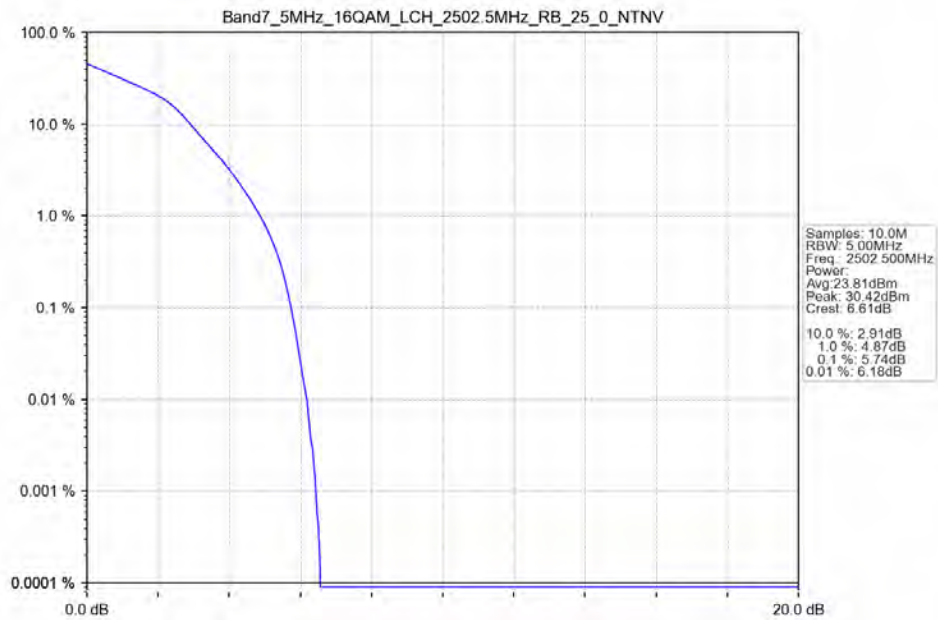
4.2.1 B7_5MHz



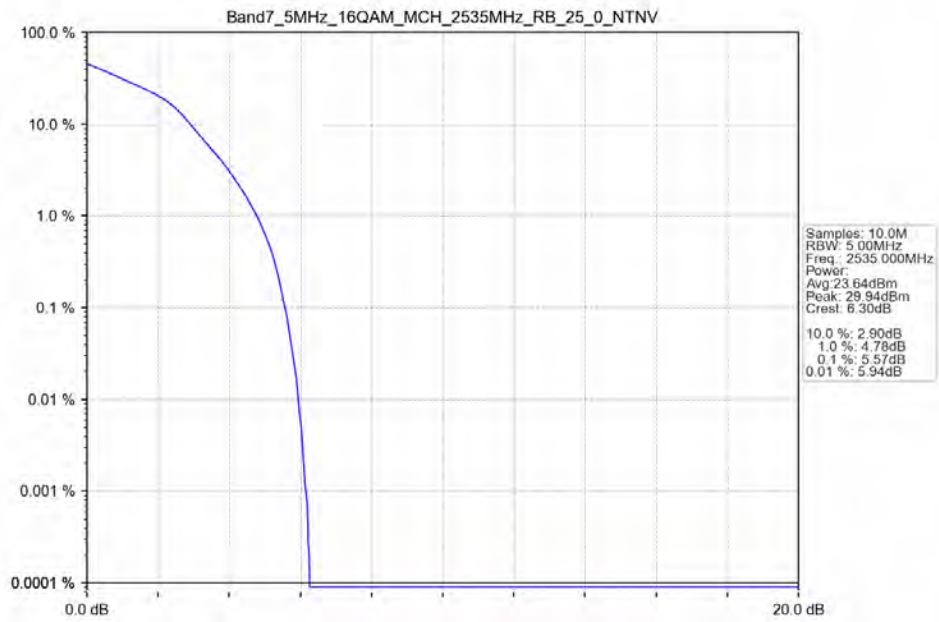
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



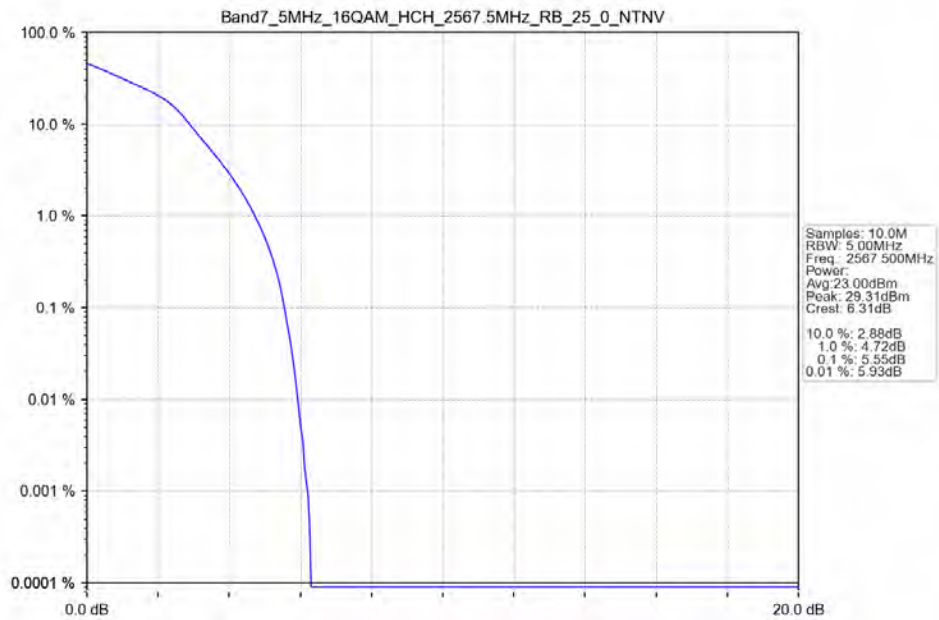
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



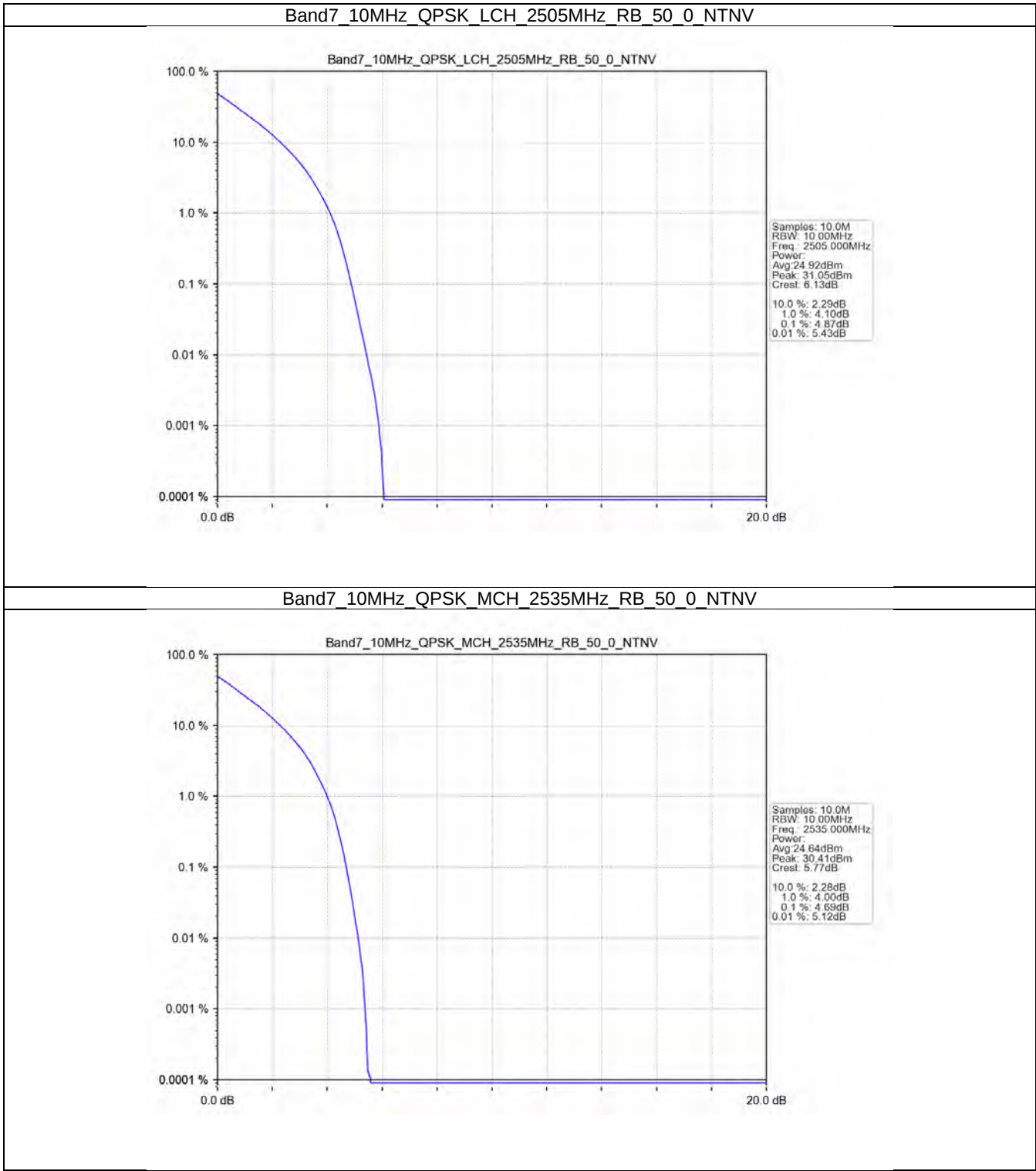
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



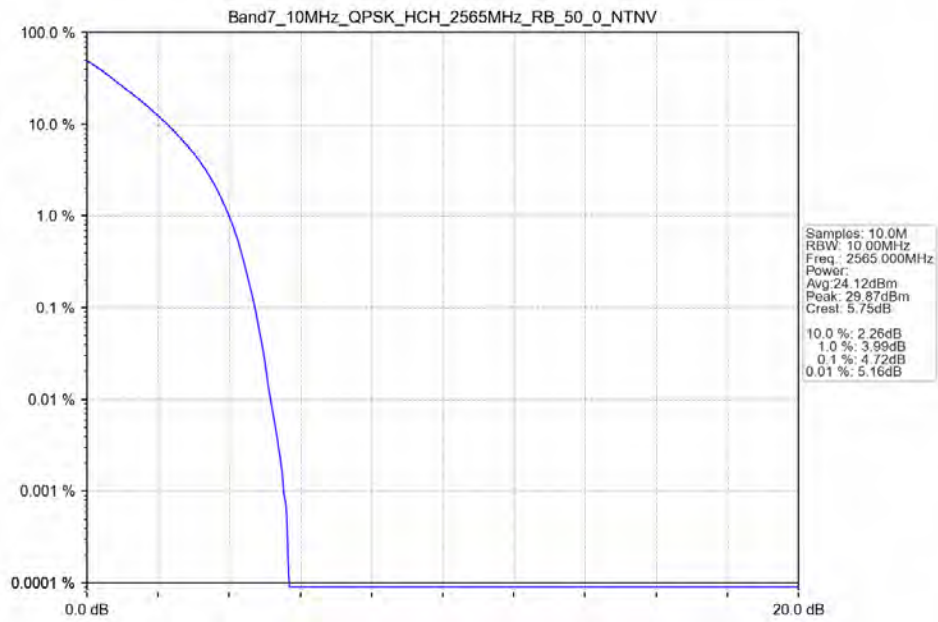
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



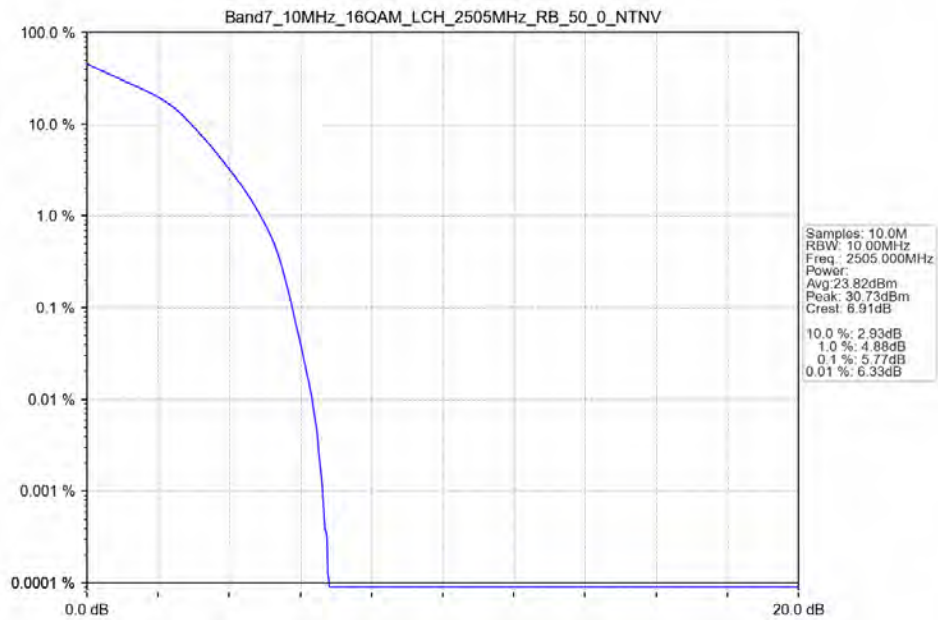
4.2.2 B7_10MHz



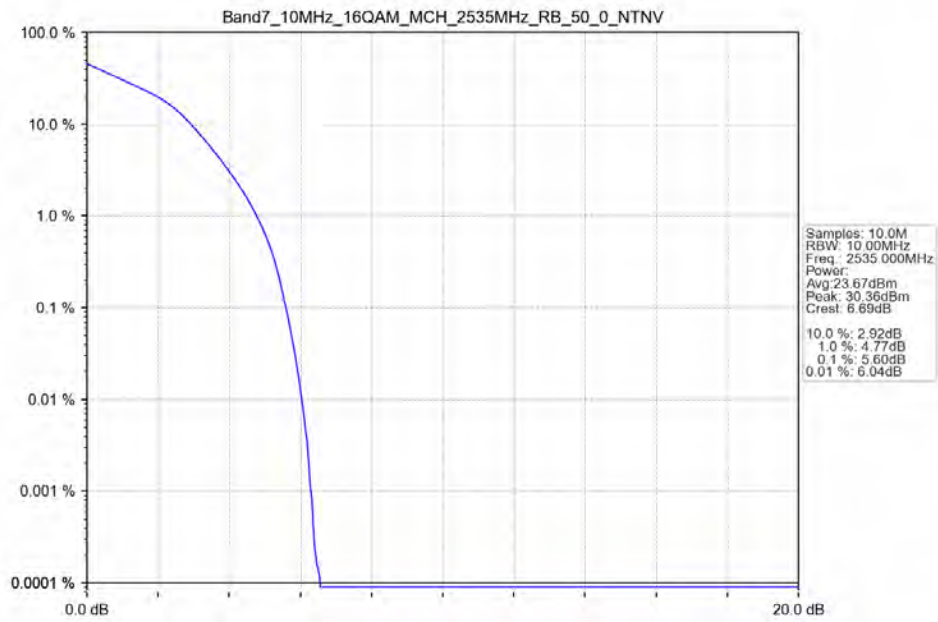
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



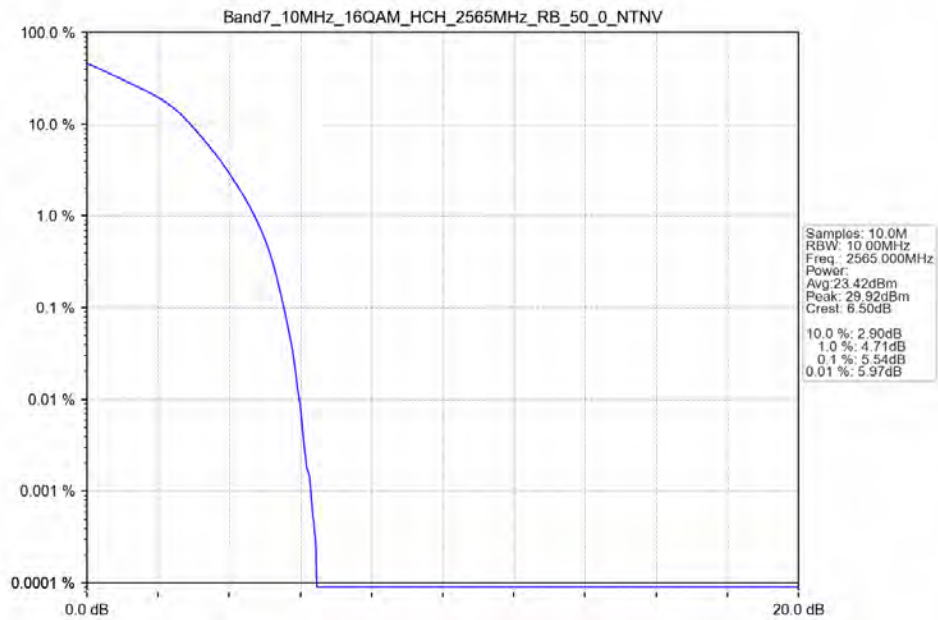
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



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

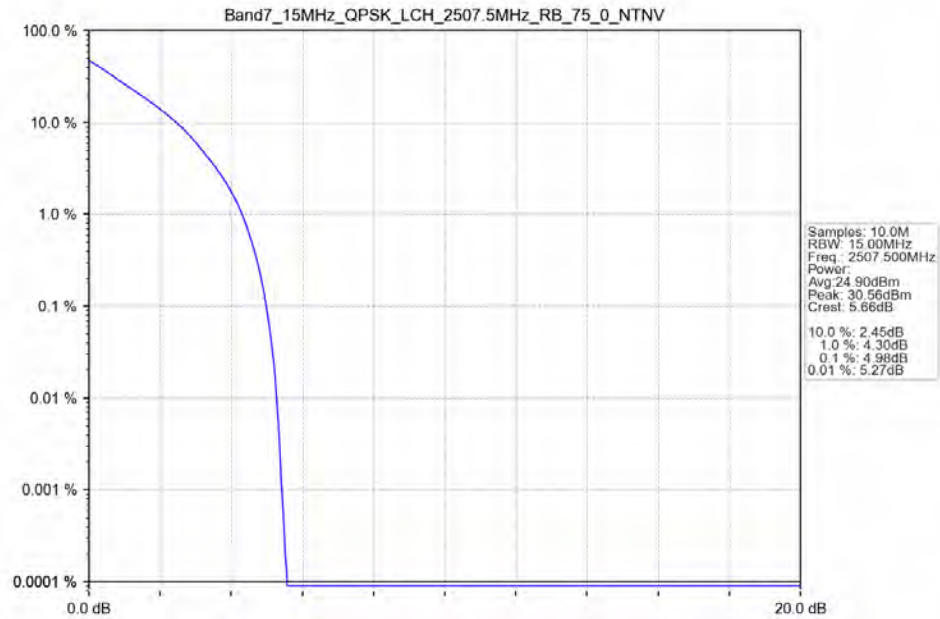


Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV

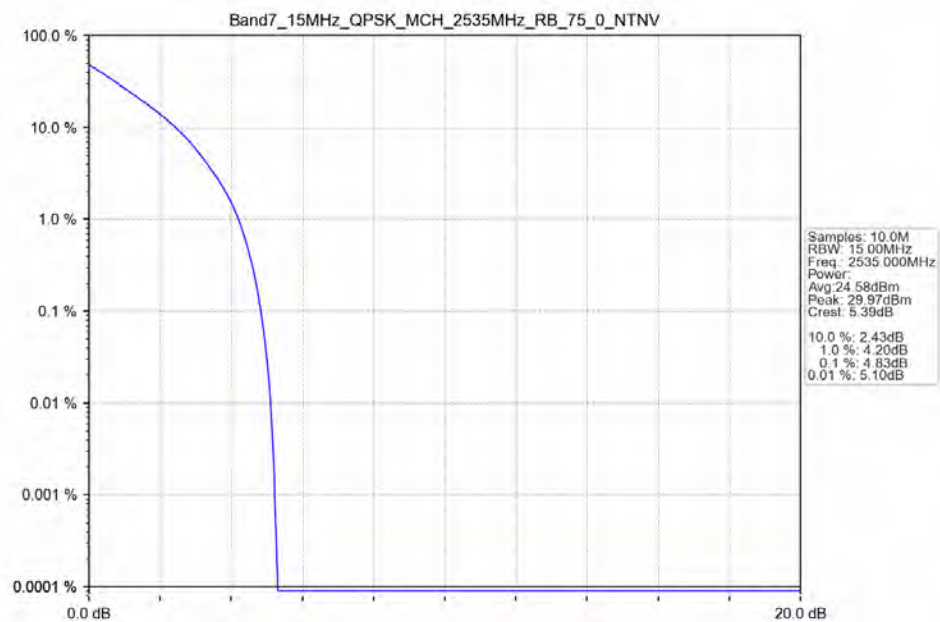


4.2.3 B7_15MHz

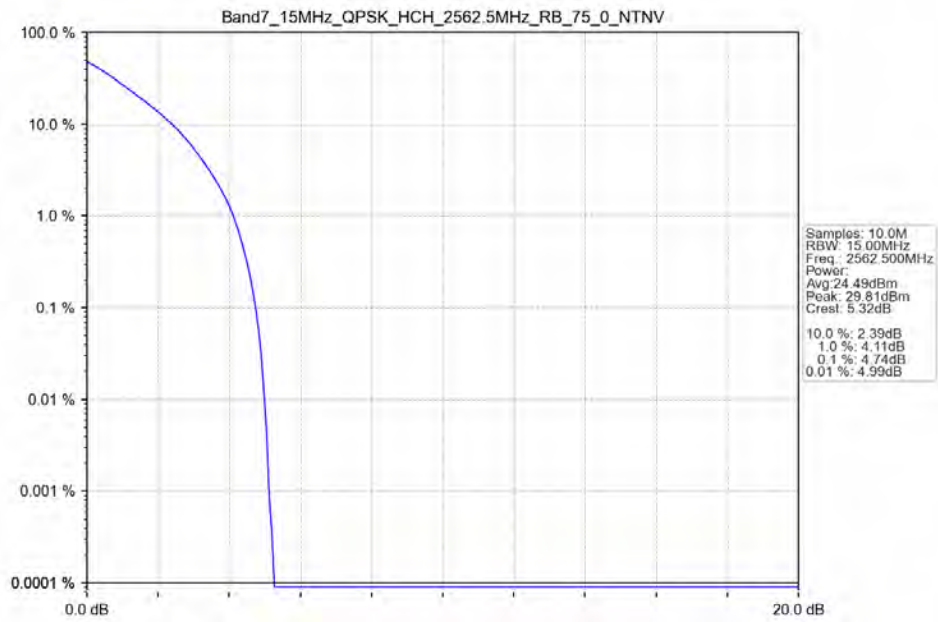
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



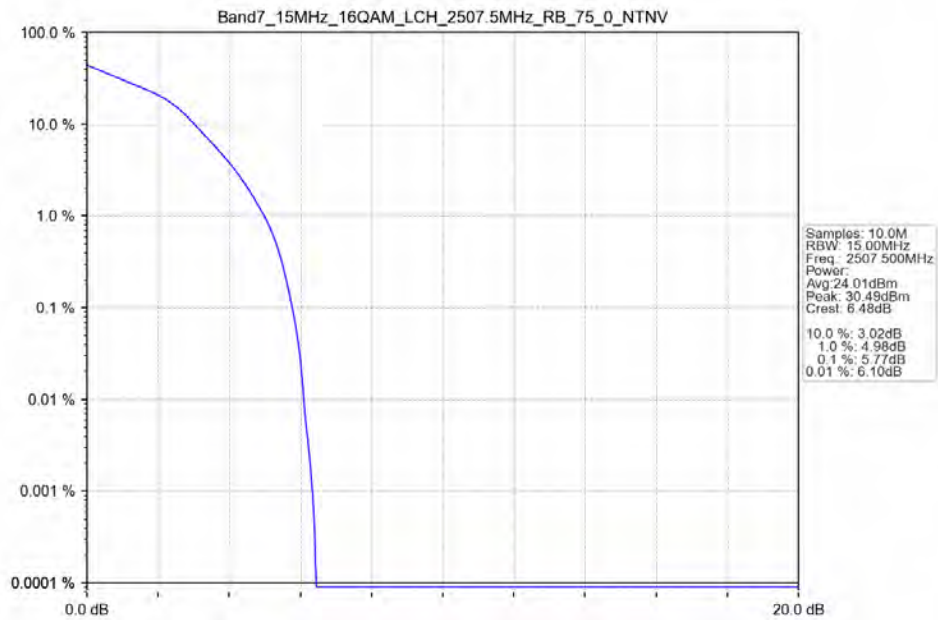
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



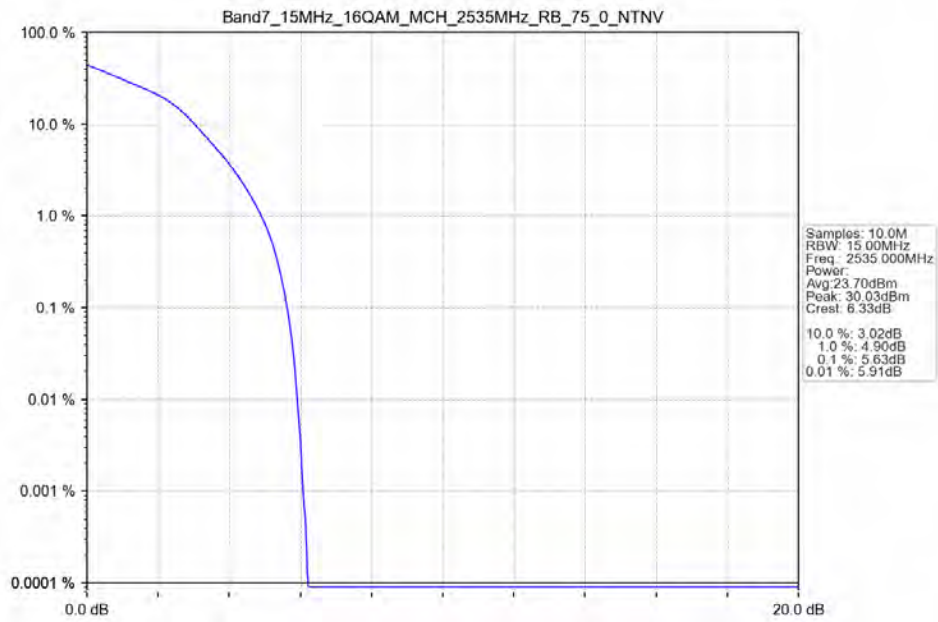
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTV



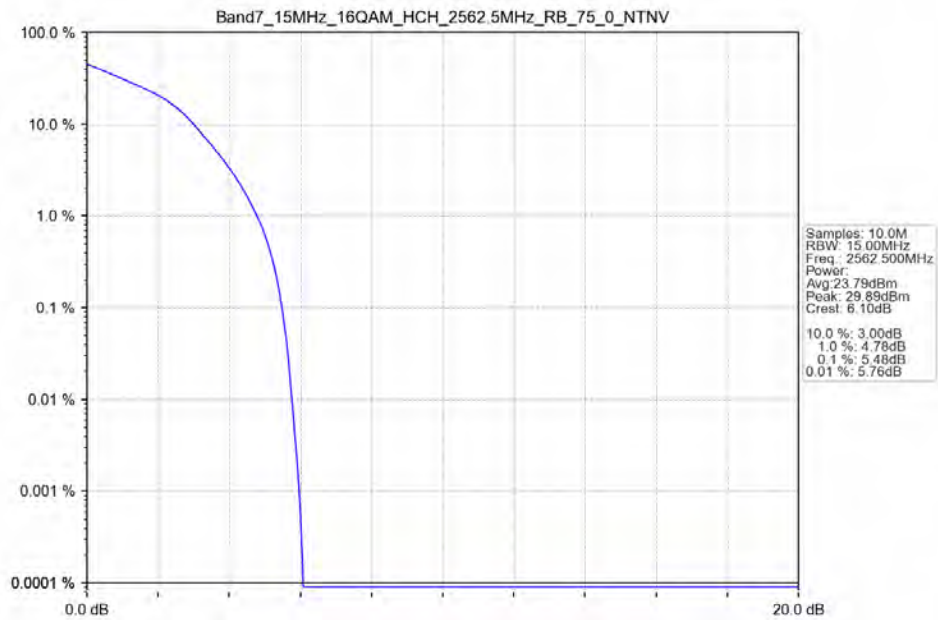
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTV



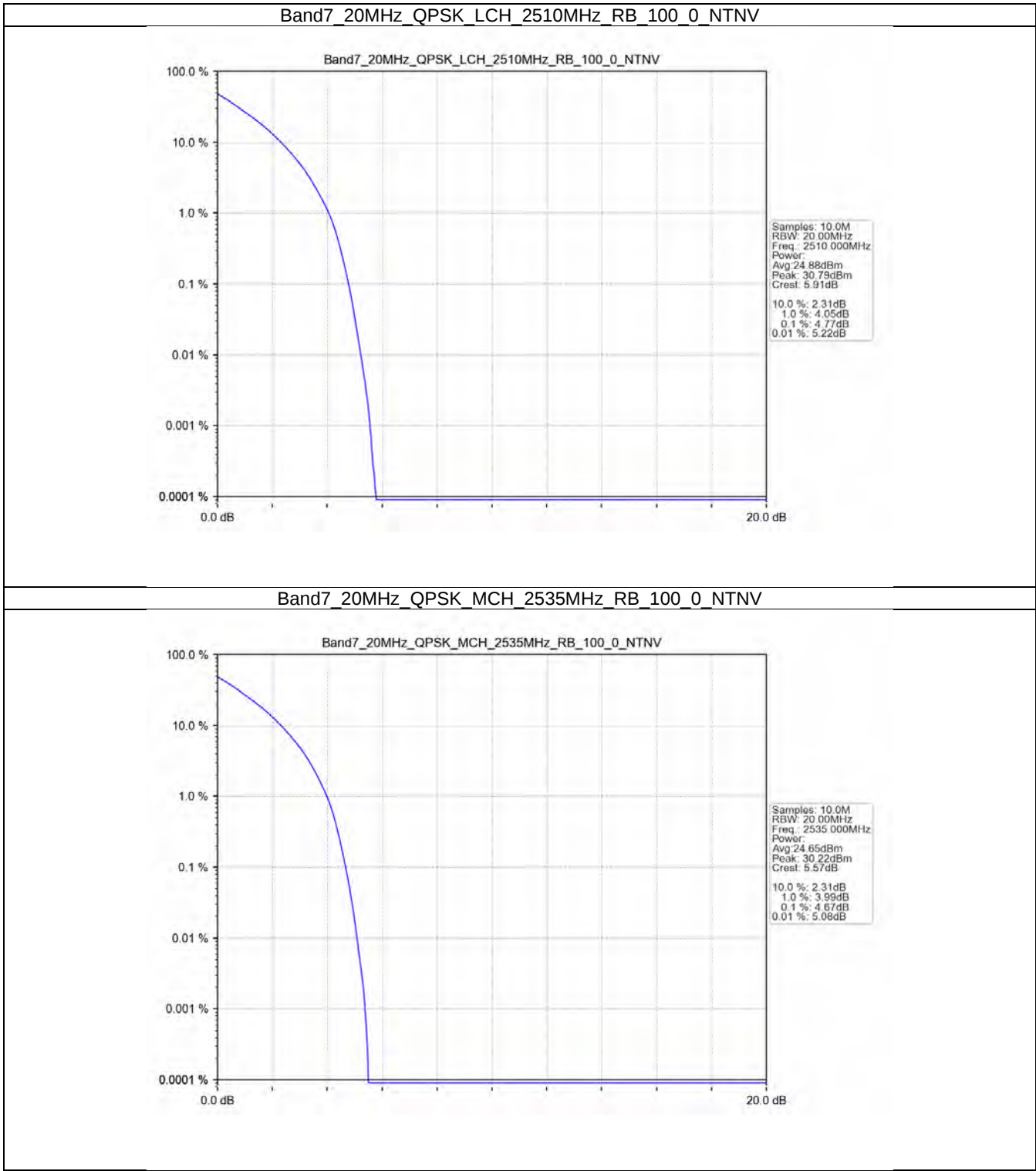
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



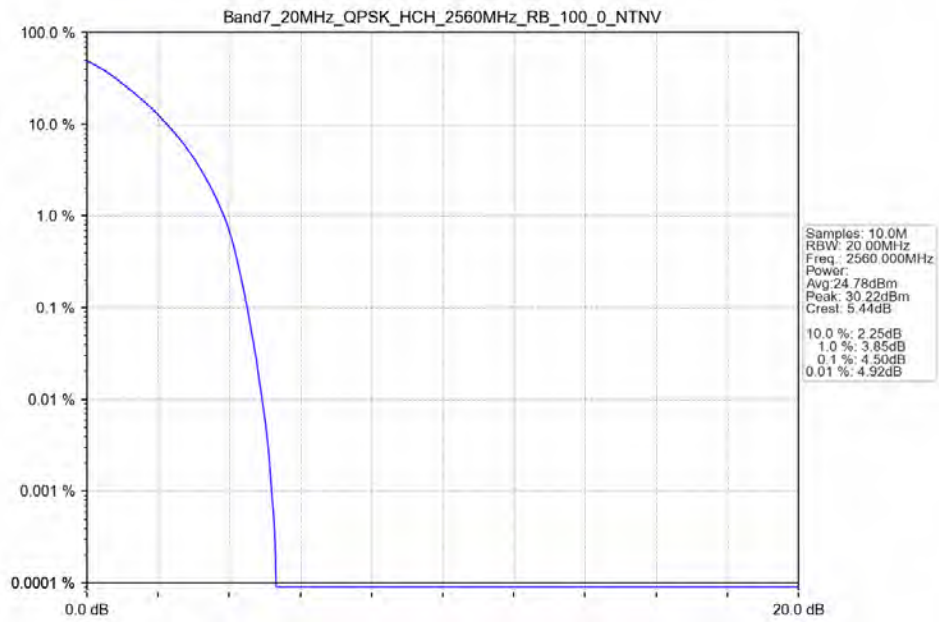
Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



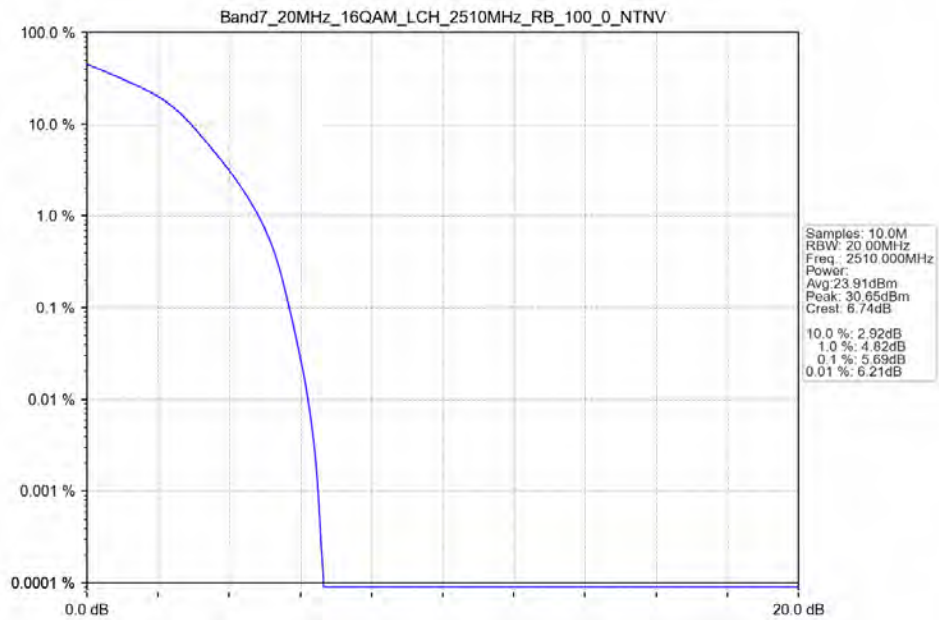
4.2.4 B7_20MHz



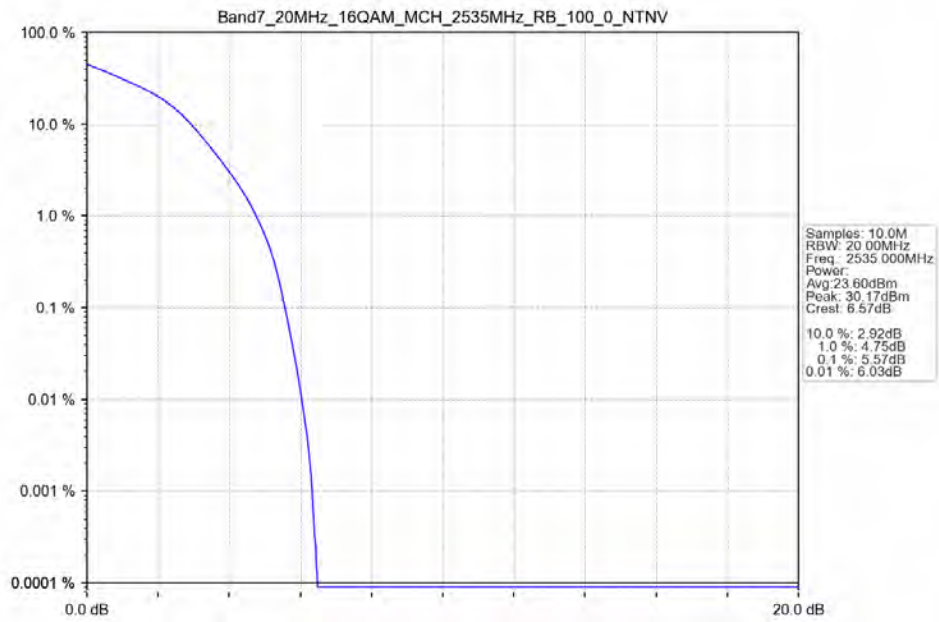
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



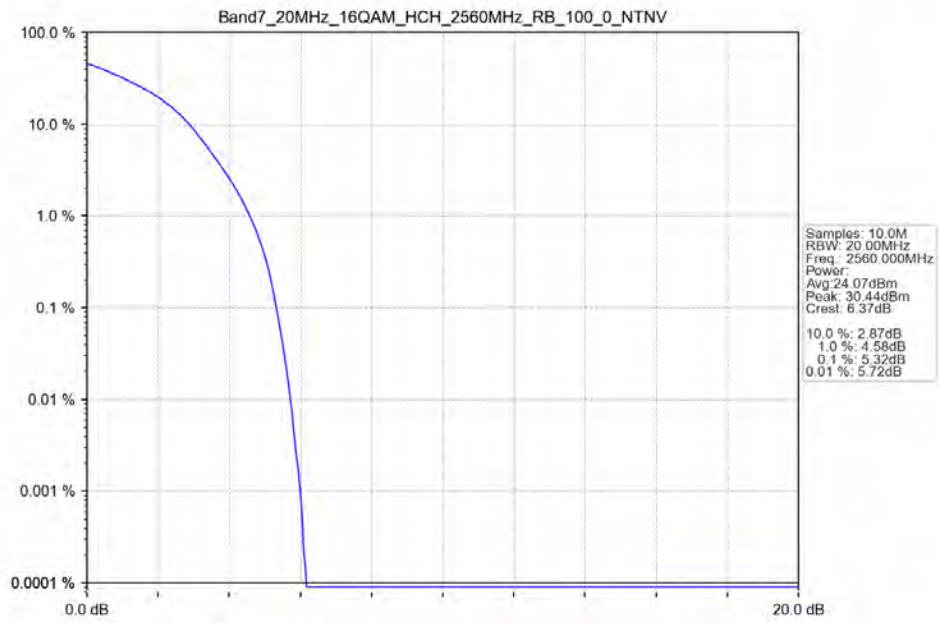
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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



5. Spurious Emission

5.1 Test Result

5.1.1 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

5.1.2 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

5.1.3 B7_15MHz

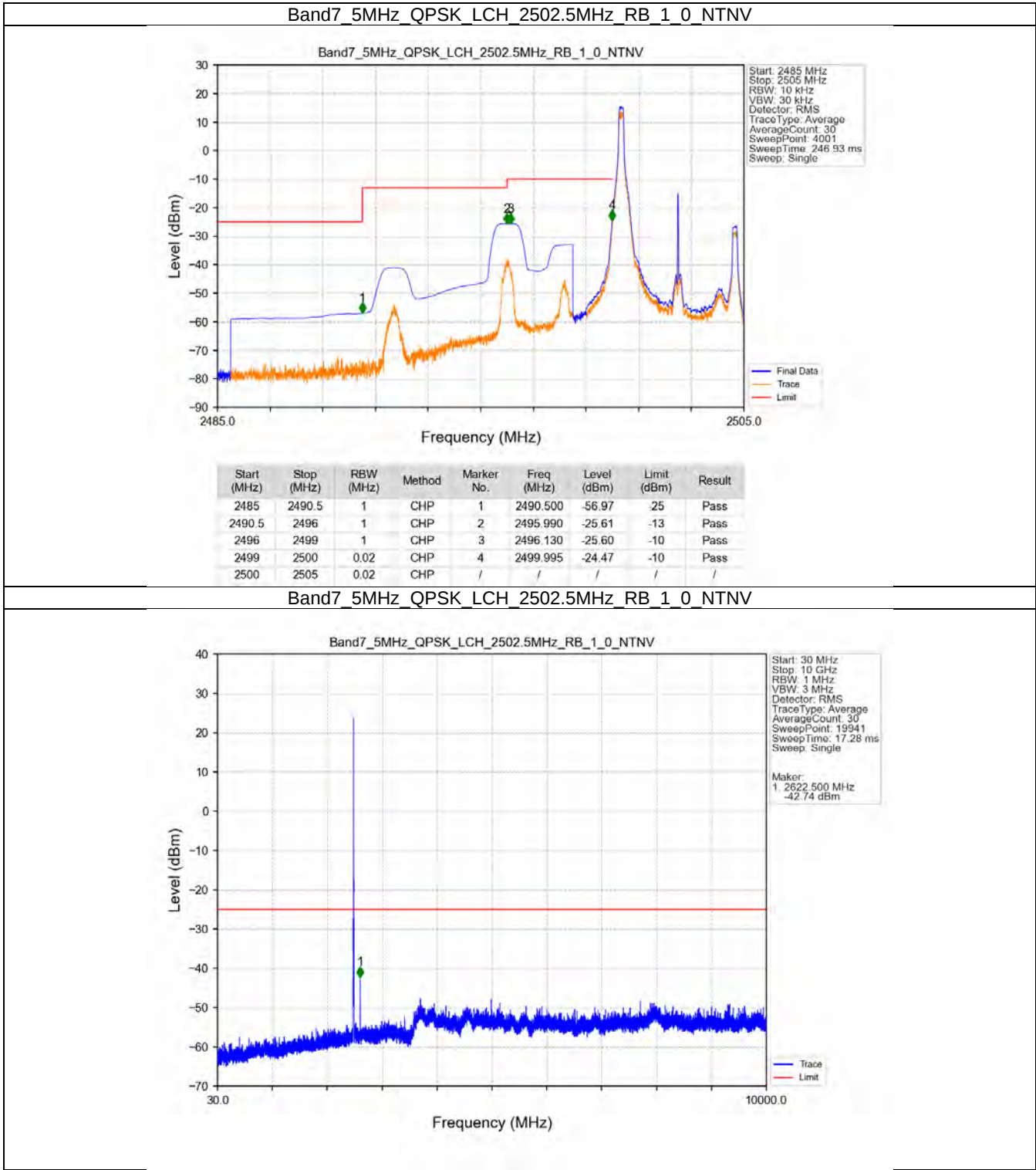
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B7_20MHz

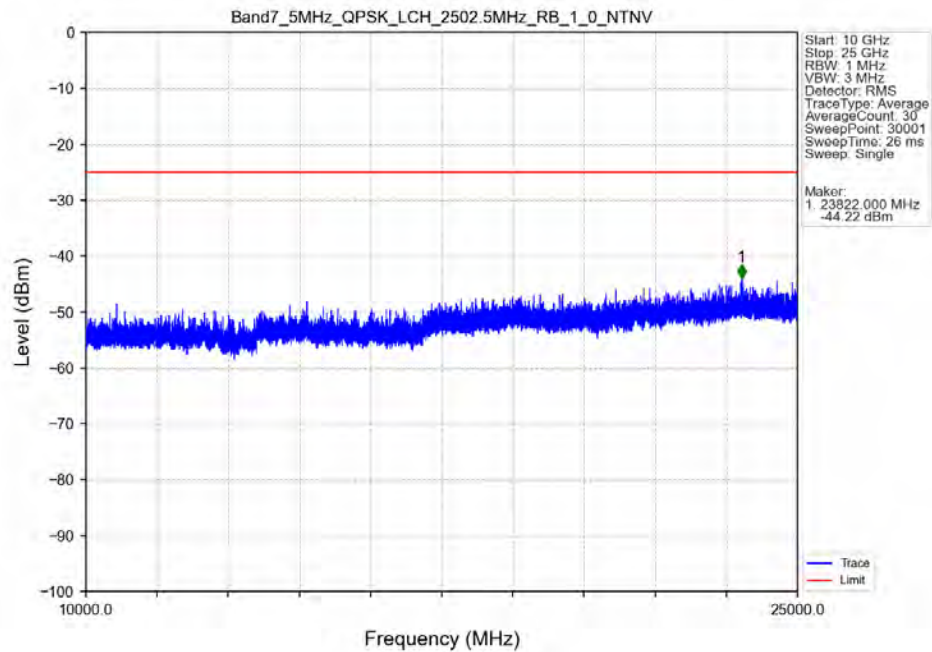
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

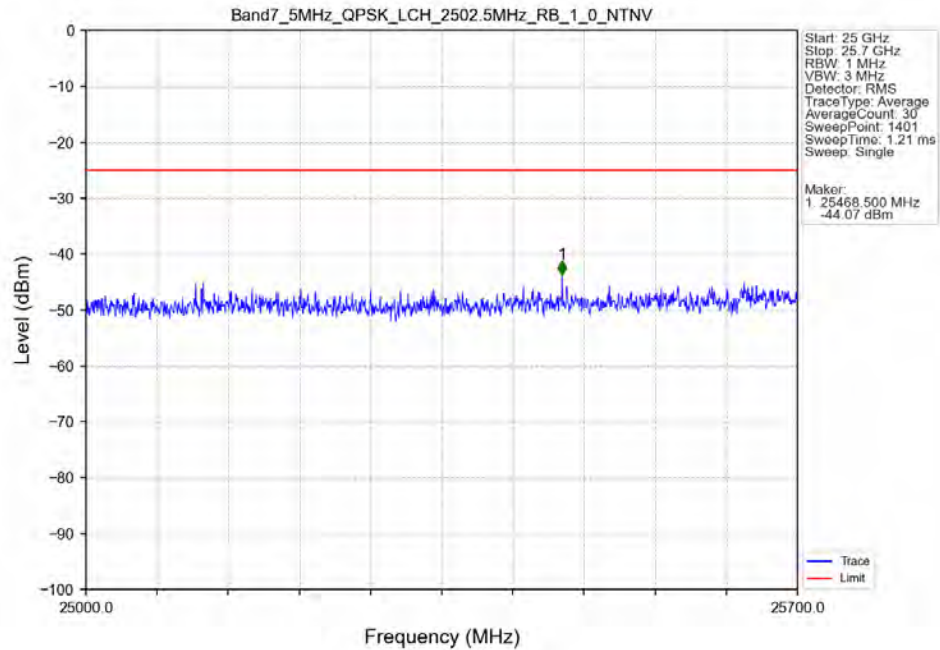
5.2.1 B7_5MHz



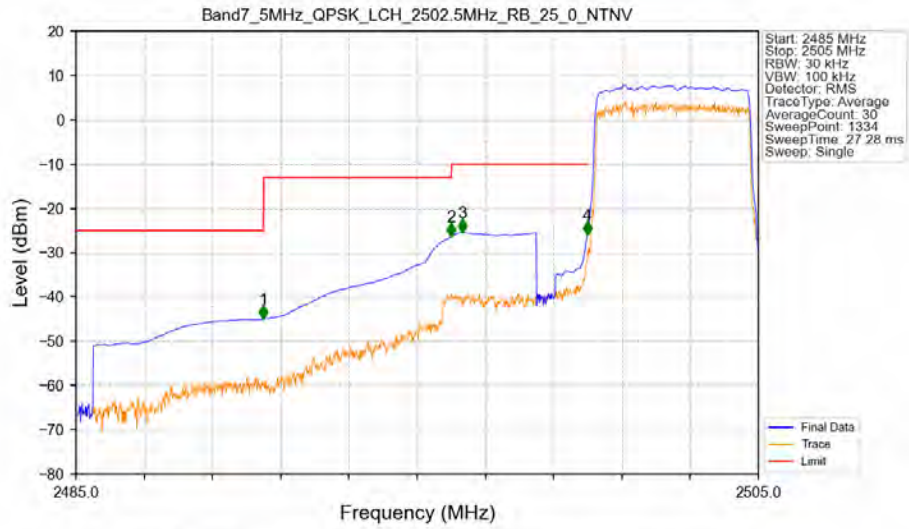
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



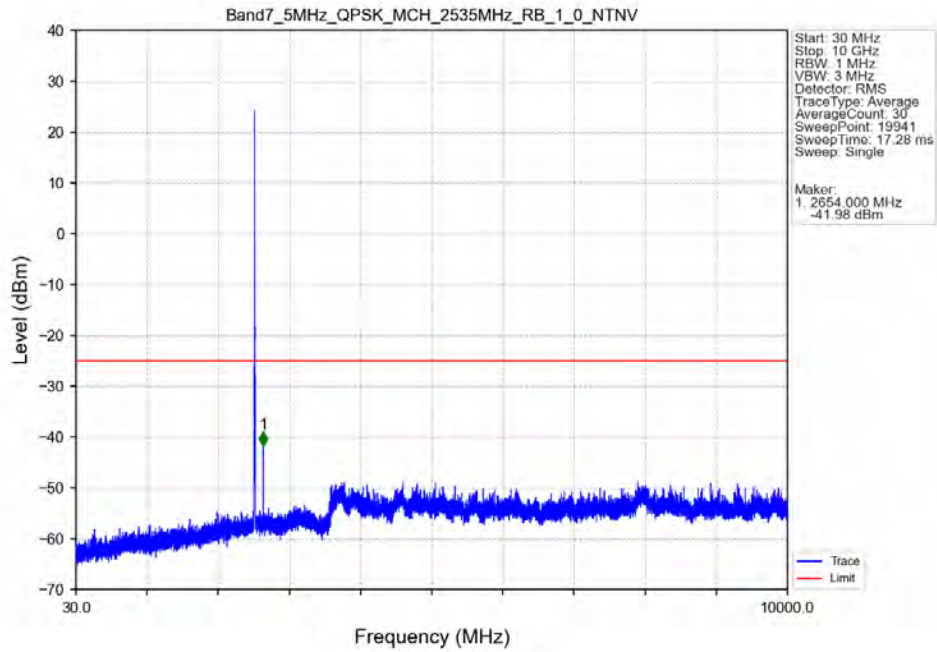
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



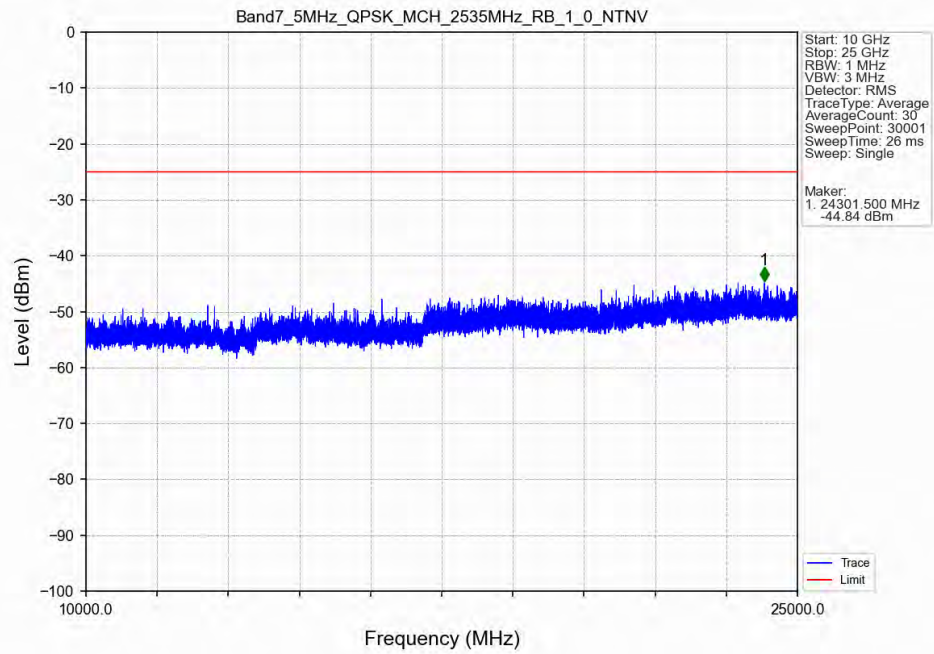
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



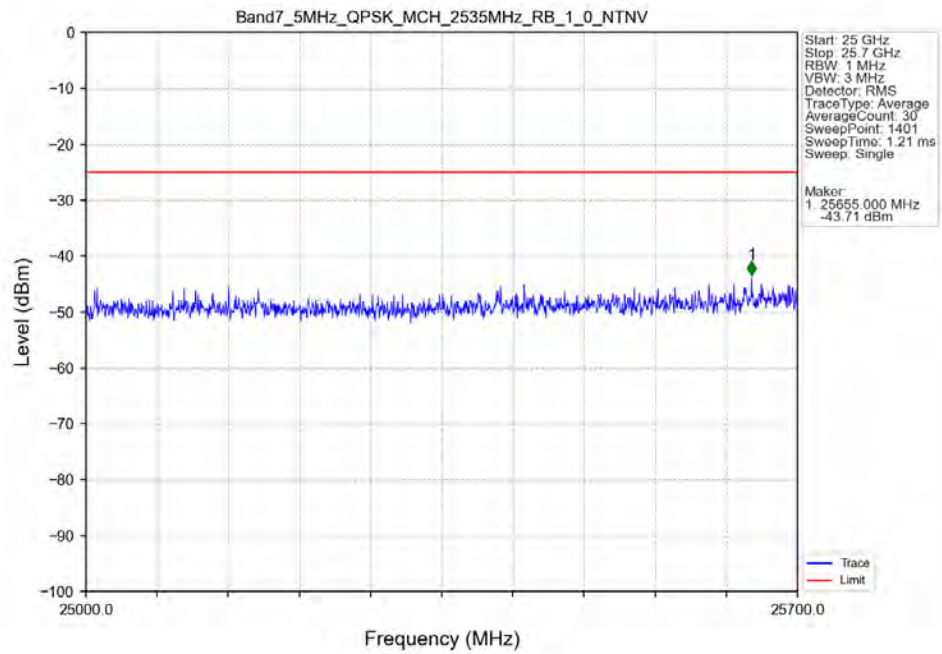
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



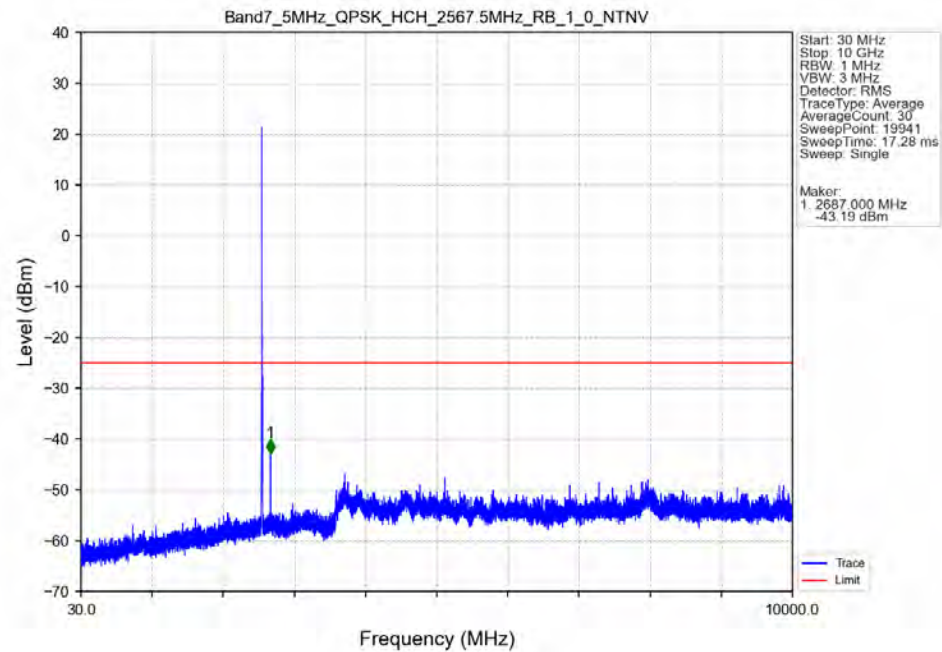
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



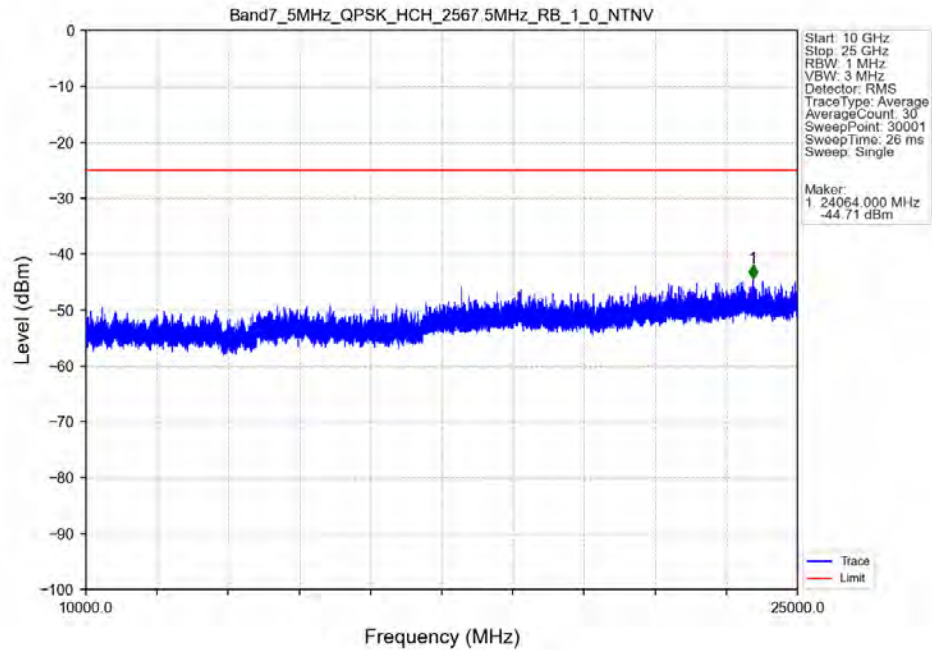
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



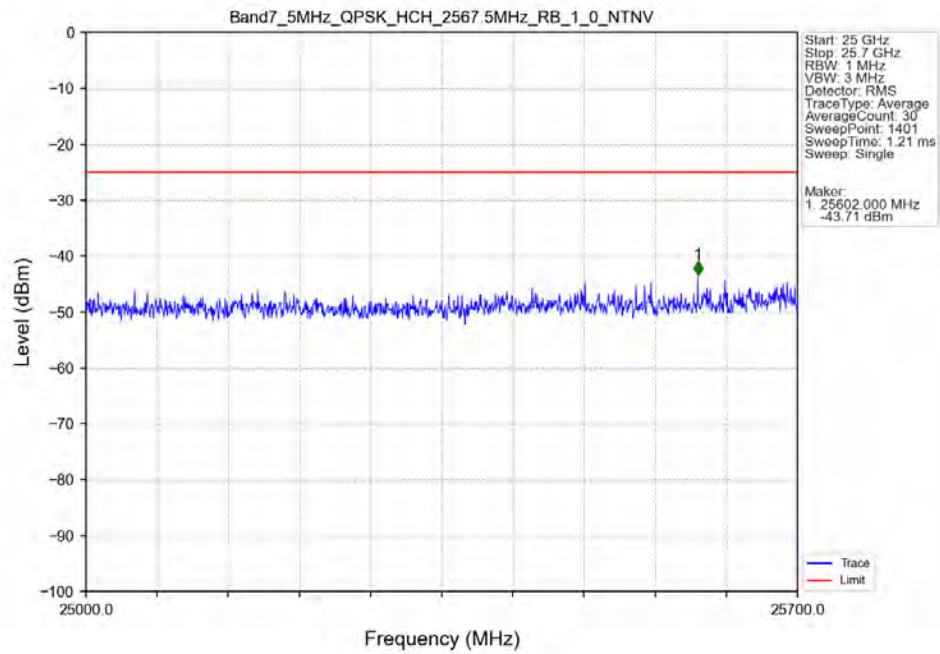
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



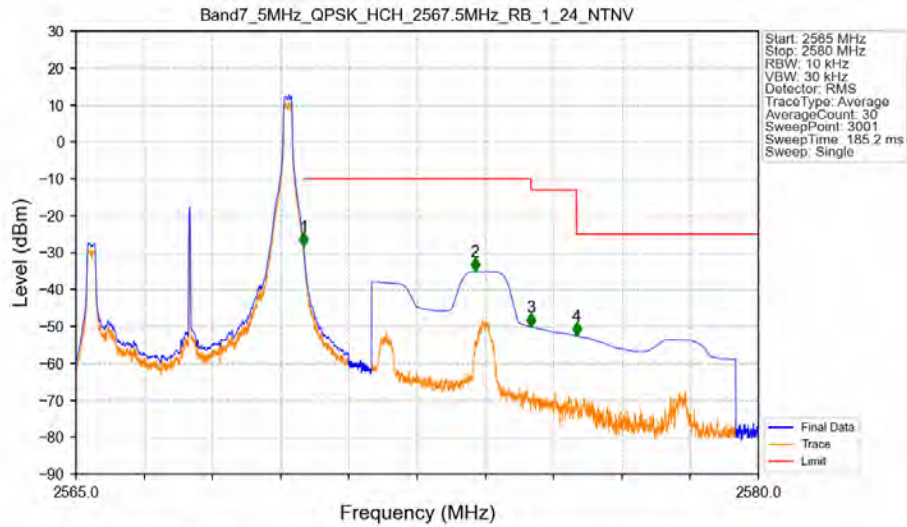
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

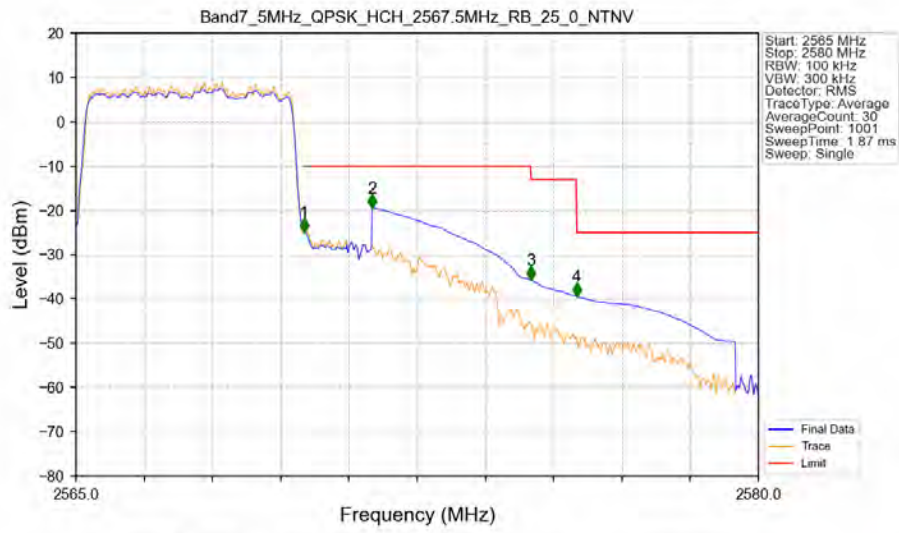


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



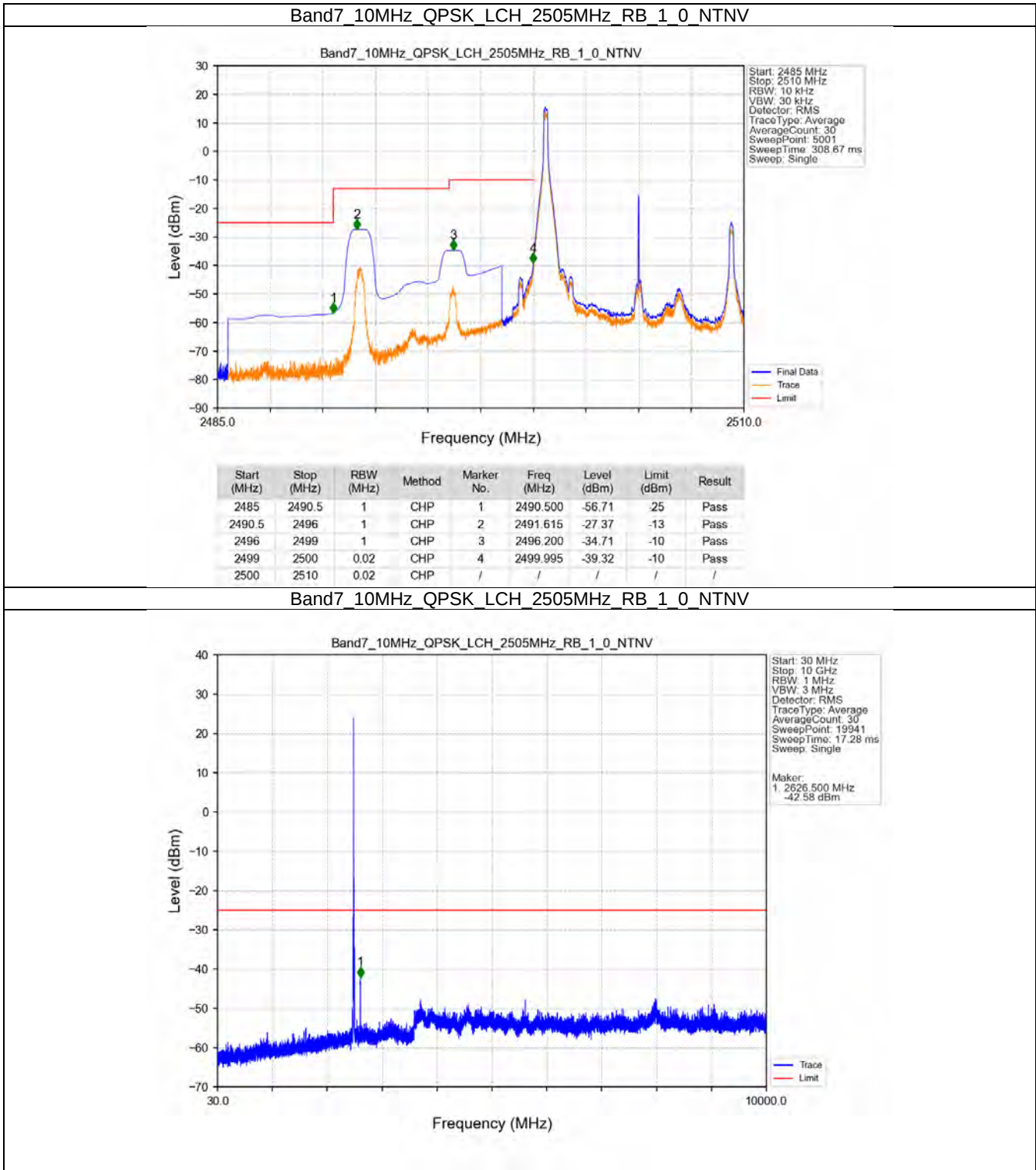
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.25	-10	Pass
2571	2575	1	CHP	2	2573.770	-35.10	-10	Pass
2575	2576	1	CHP	3	2575.005	-50.08	-13	Pass
2576	2580	1	CHP	4	2576.005	-52.52	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

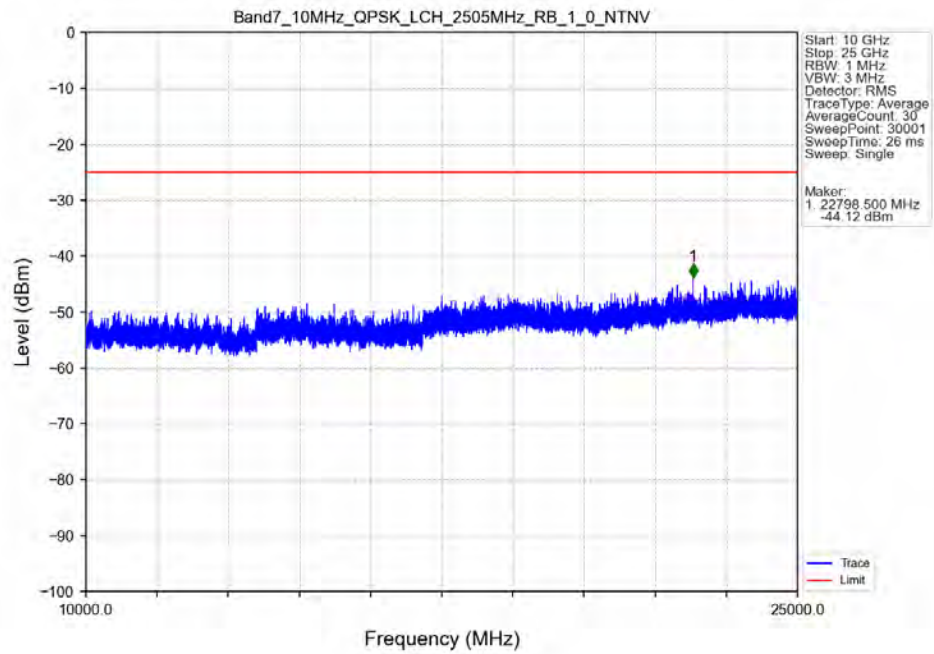


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.102	CHP	/	/	/	/	/
2570	2571	0.102	CHP	1	2570.010	-24.89	-10	Pass
2571	2575	1	CHP	2	2571.510	-19.39	-10	Pass
2575	2576	1	CHP	3	2575.005	-35.75	-13	Pass
2576	2580	1	CHP	4	2576.010	-39.42	-25	Pass

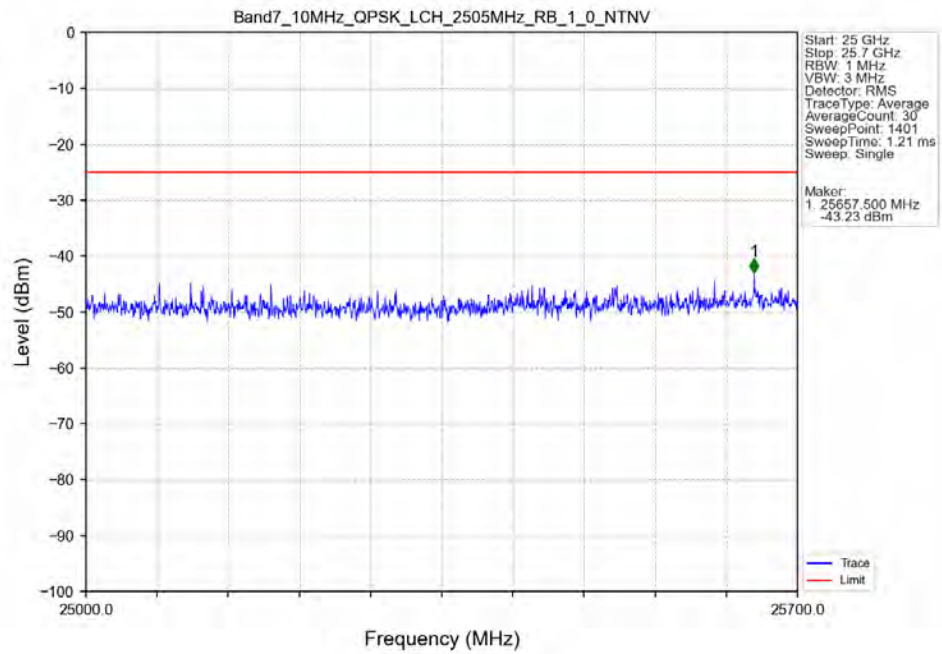
5.2.2 B7_10MHz



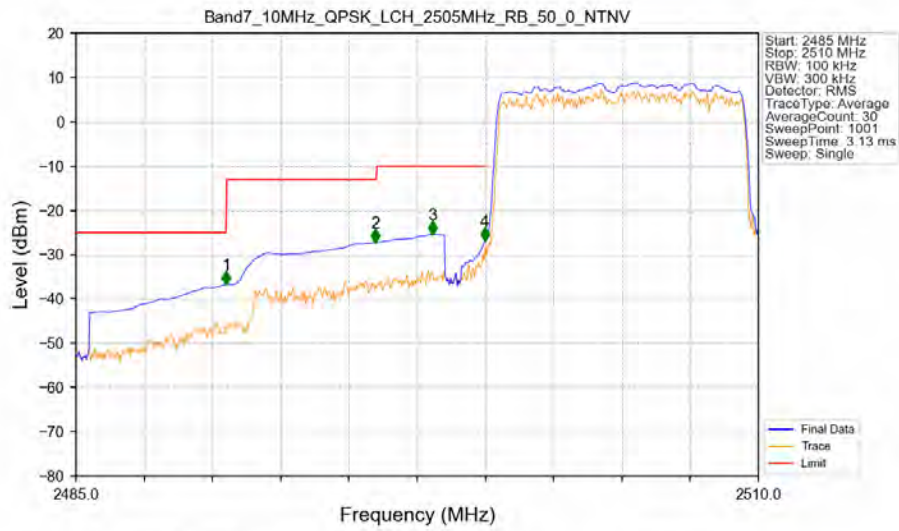
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

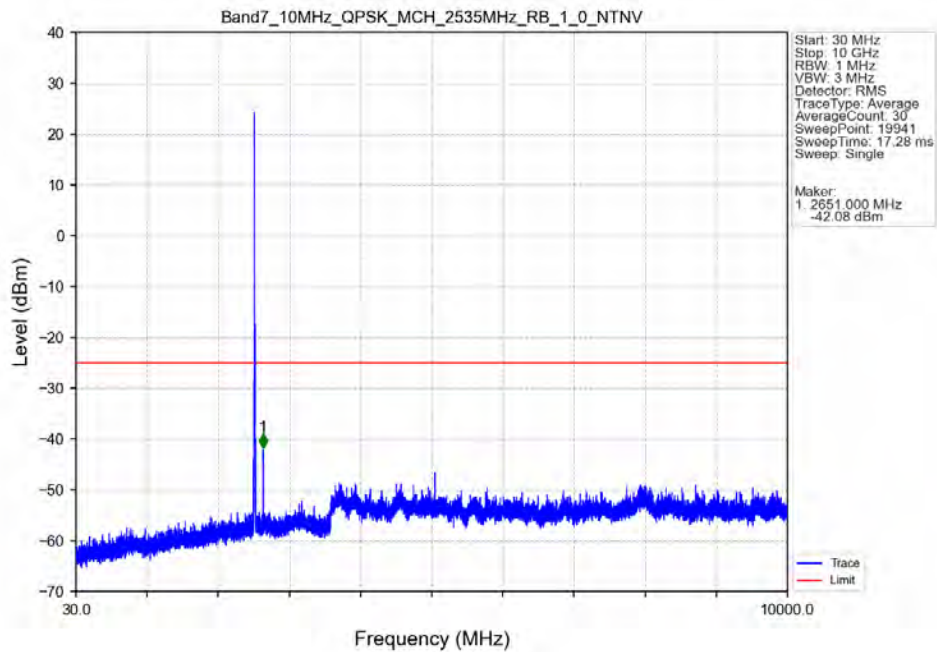


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV

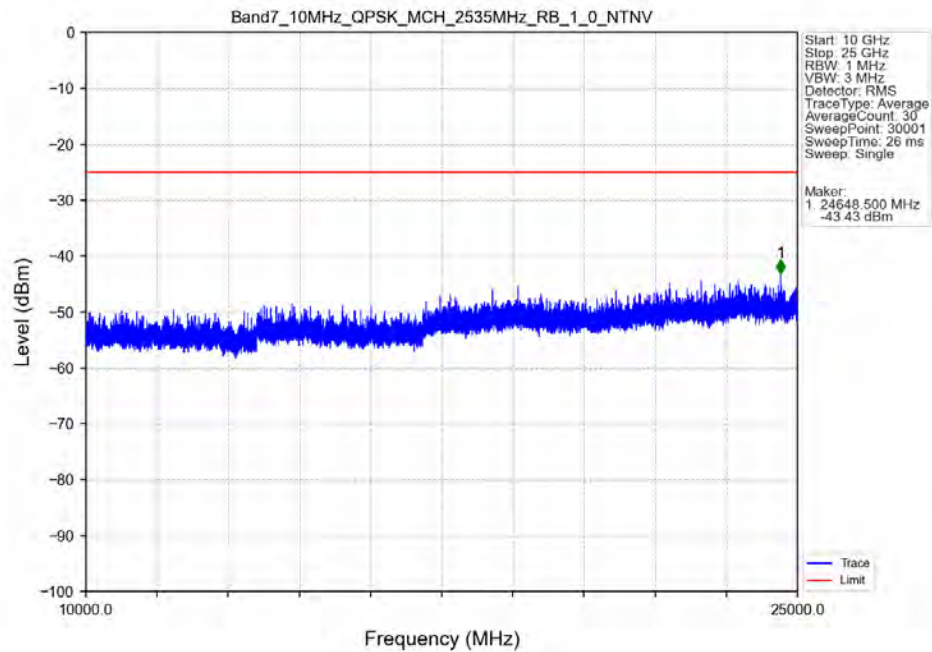


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-36.71	-25	Pass
2490.5	2496	1	CHP	2	2495.975	-27.23	-13	Pass
2496	2499	1	CHP	3	2498.050	-25.43	-10	Pass
2499	2500	0.202	CHP	4	2499.975	-27.00	-10	Pass
2500	2510	0.202	CHP	/	/	/	/	/

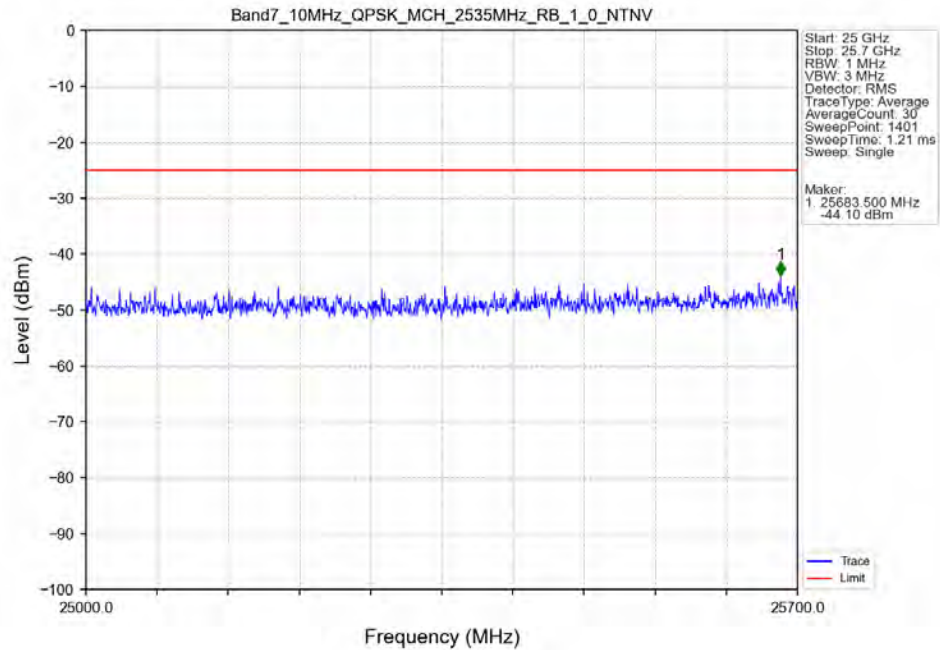
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



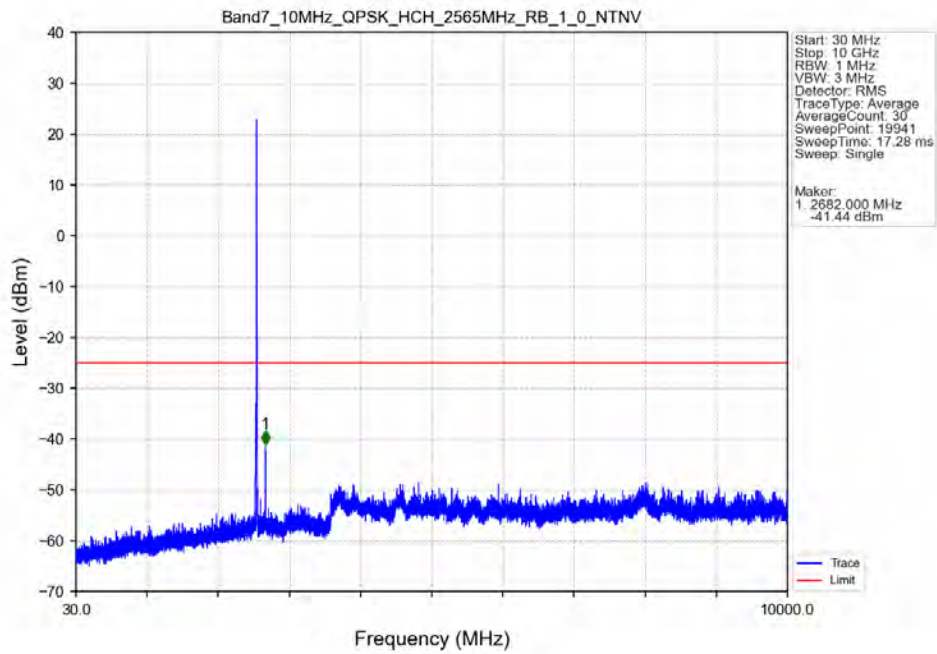
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



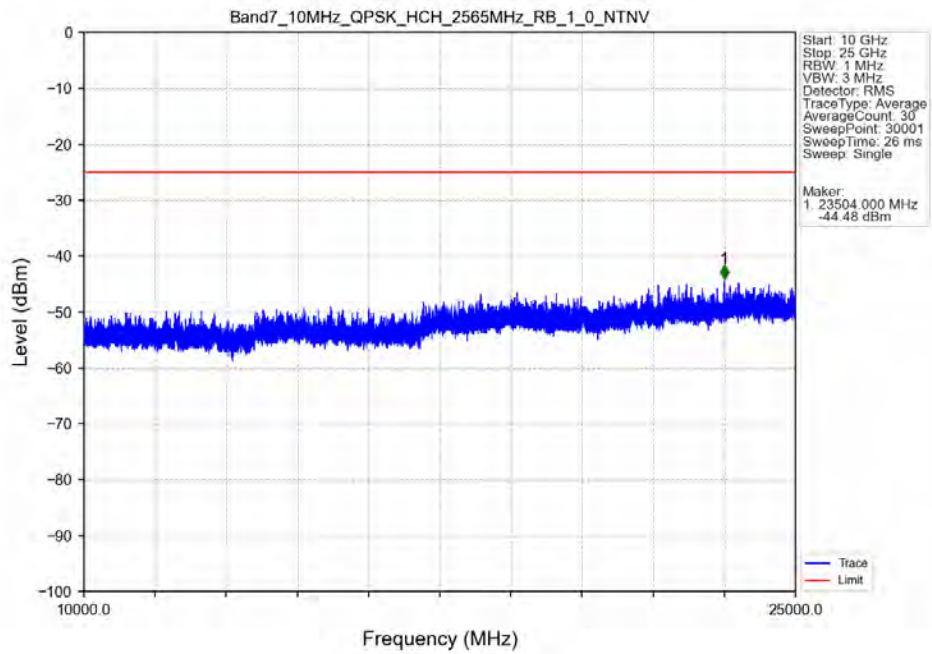
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



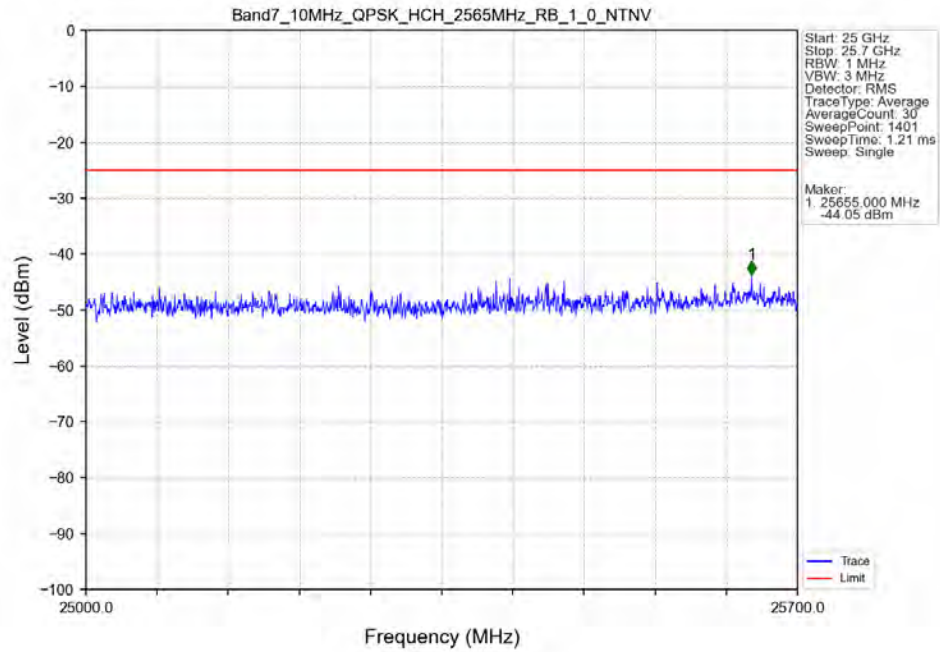
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



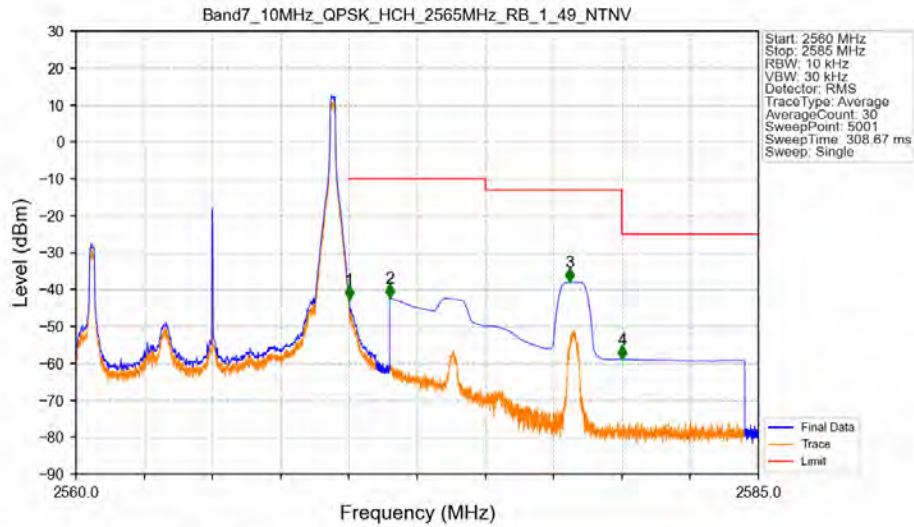
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

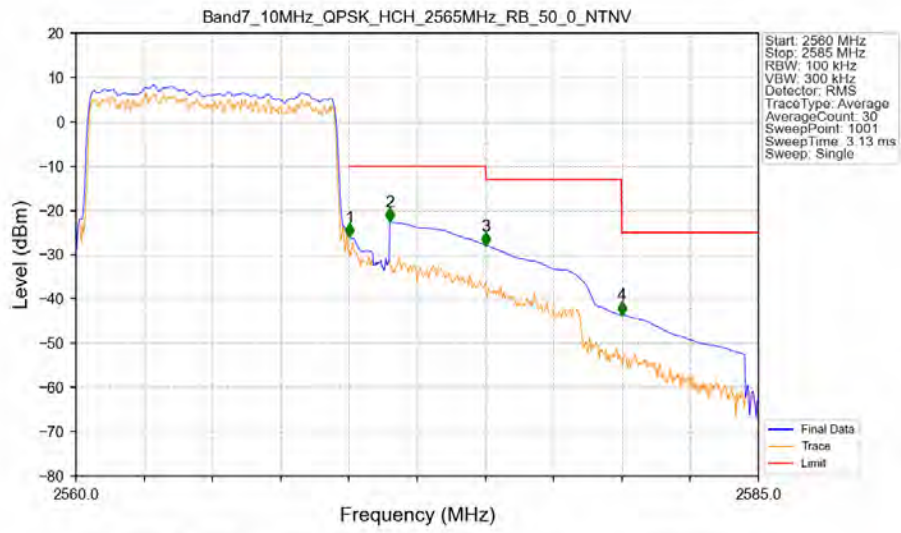


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



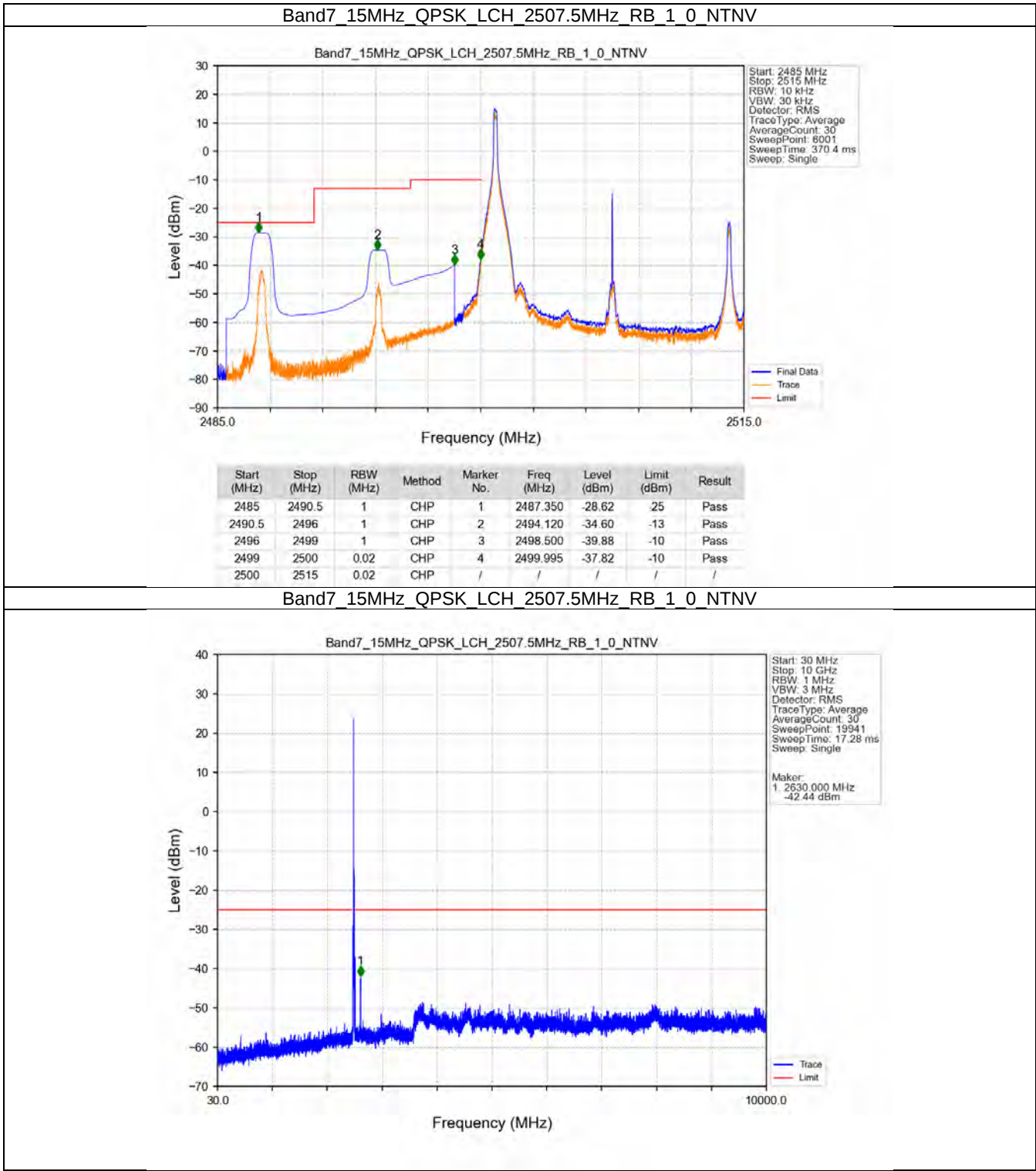
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-42.75	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.24	-10	Pass
2575	2579.998	1	CHP	3	2578.080	-38.02	-13	Pass
2579.998	2585	1	CHP	4	2580.010	-58.89	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

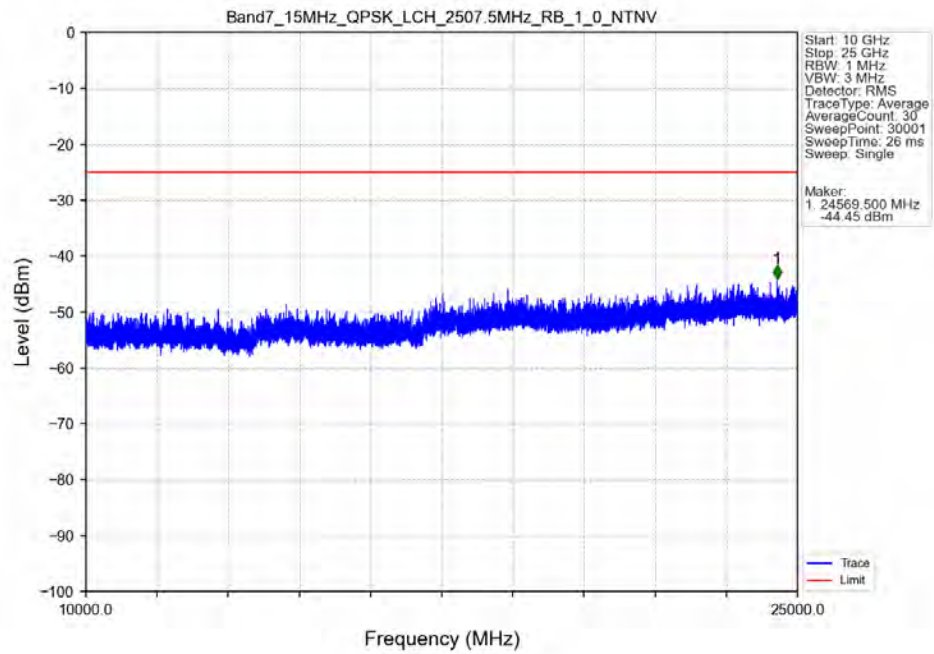


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.2	CHP	/	/	/	/	/
2570	2571	0.2	CHP	1	2570.025	-26.06	-10	Pass
2571	2575	1	CHP	2	2571.500	-22.62	-10	Pass
2575	2579.998	1	CHP	3	2575.025	-27.97	-13	Pass
2579.998	2585	1	CHP	4	2580.000	-43.61	-25	Pass

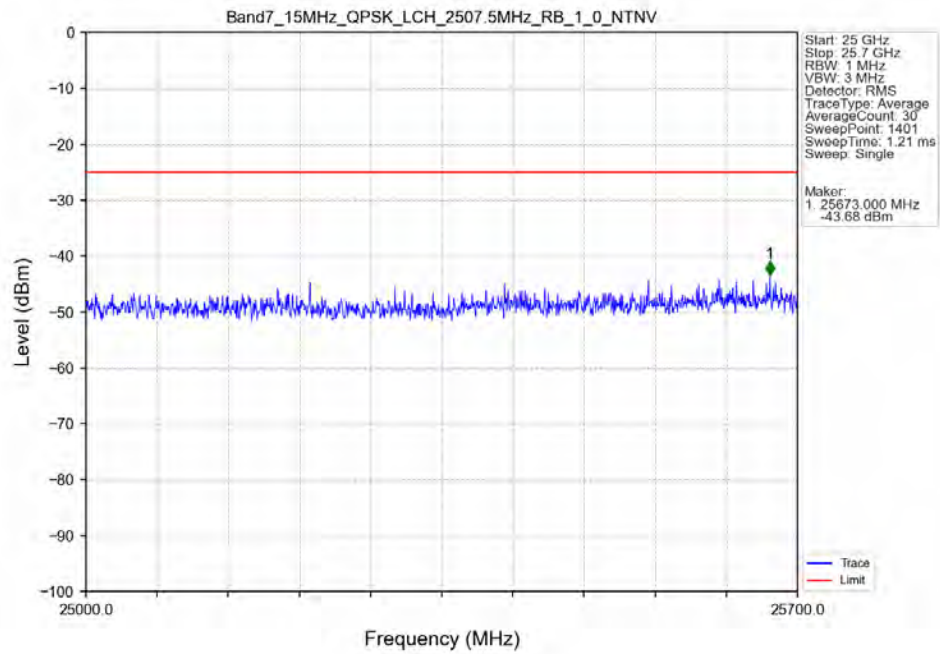
5.2.3 B7_15MHz



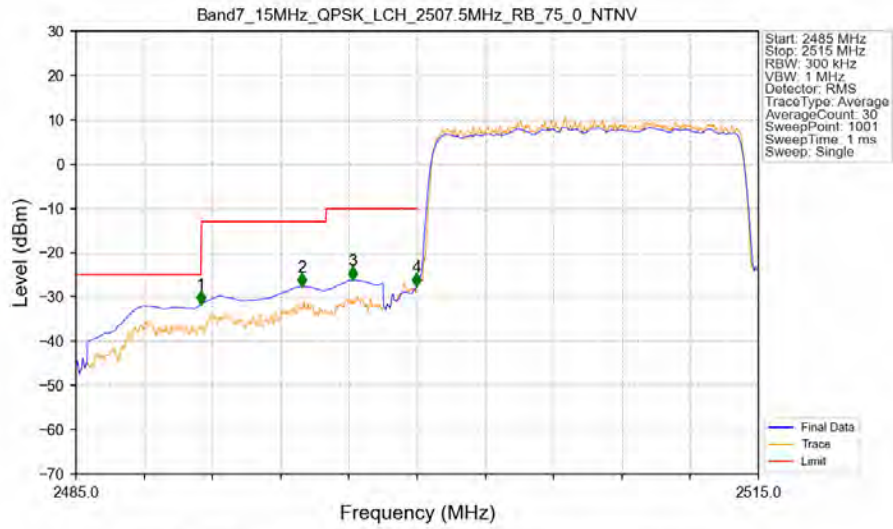
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

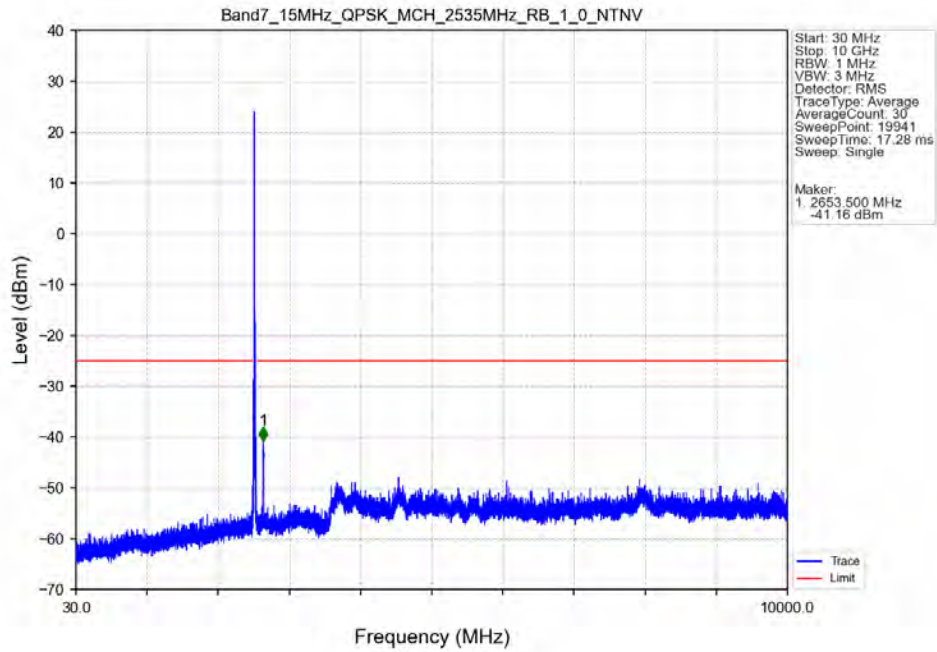


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

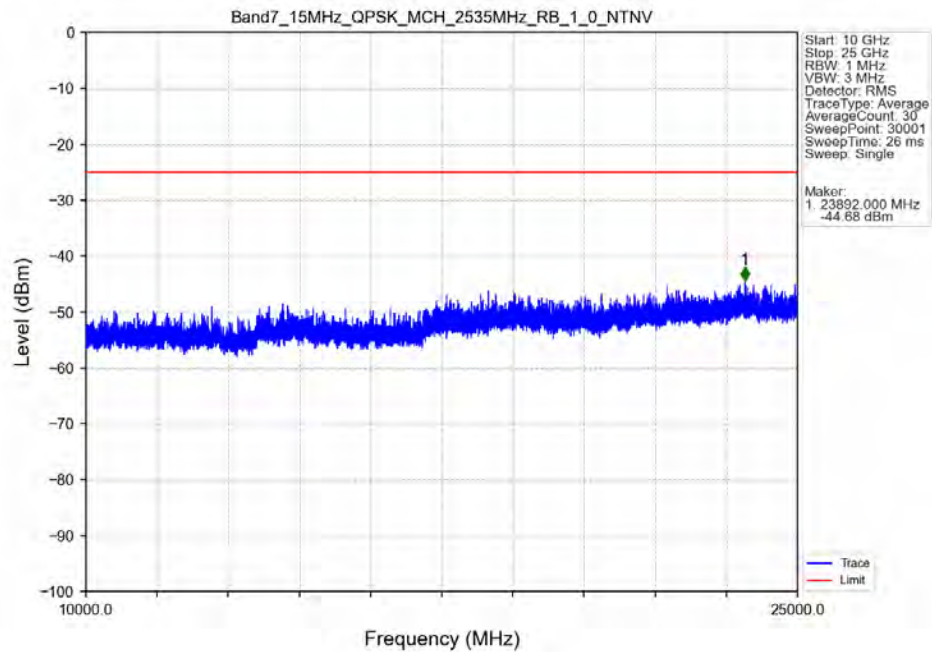


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-31.73	25	Pass
2490.5	2496	1	CHP	2	2494.930	-27.63	-13	Pass
2496	2499	1	CHP	3	2497.180	-26.23	-10	Pass
2499	2500	0.302	CHP	4	2499.970	-27.71	-10	Pass
2500	2515	0.302	CHP	/	/	/	/	/

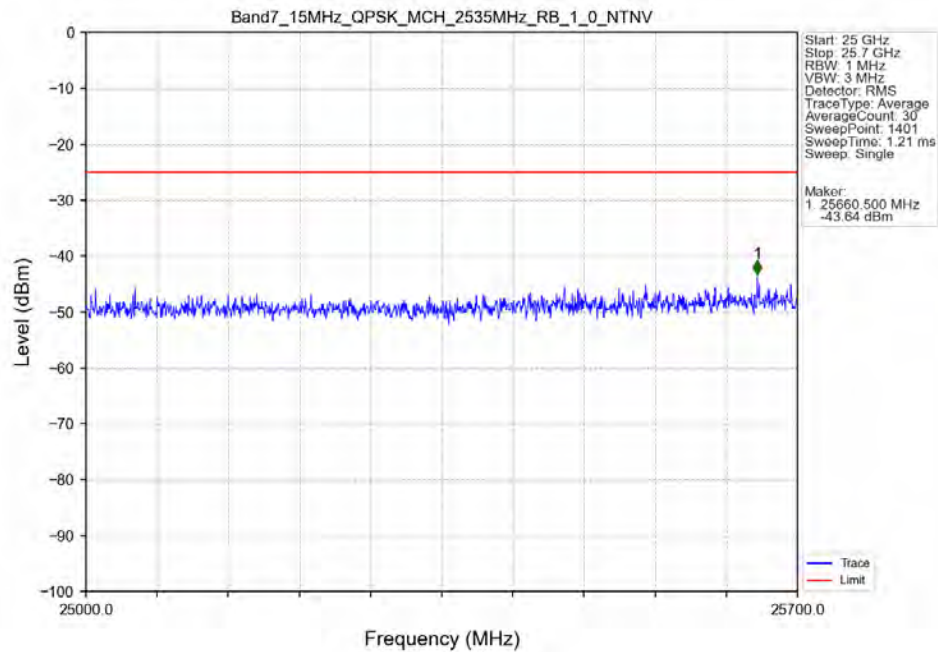
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



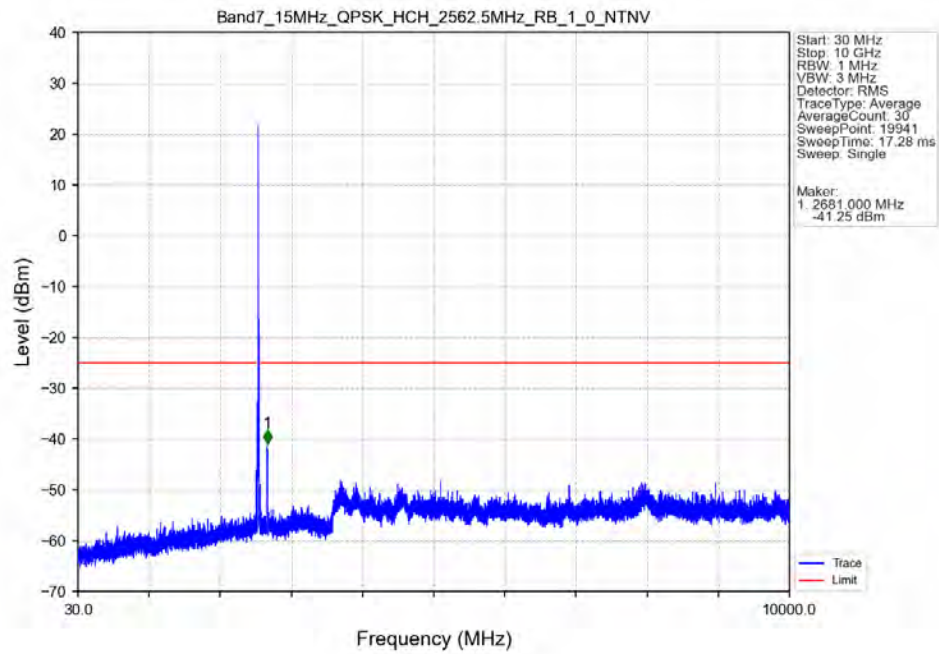
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



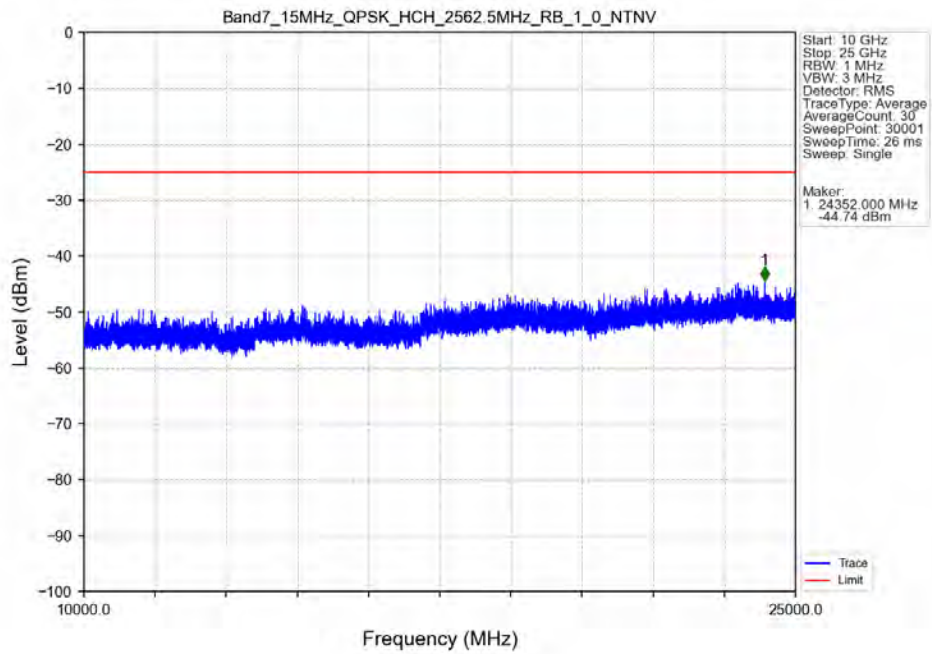
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



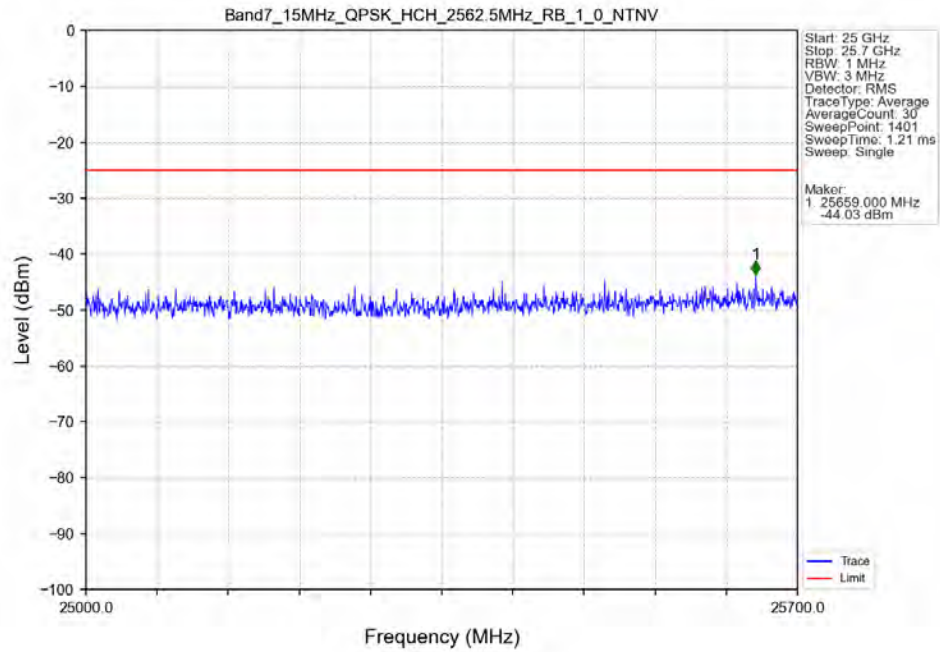
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



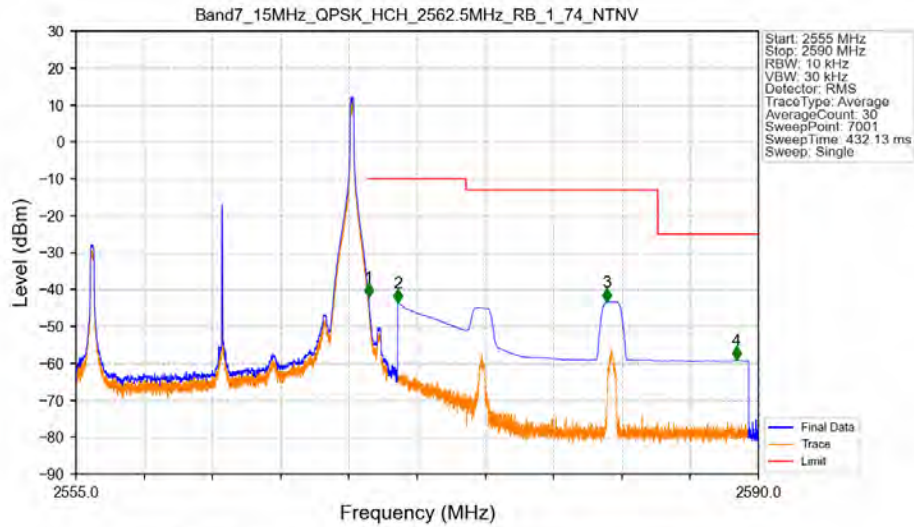
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

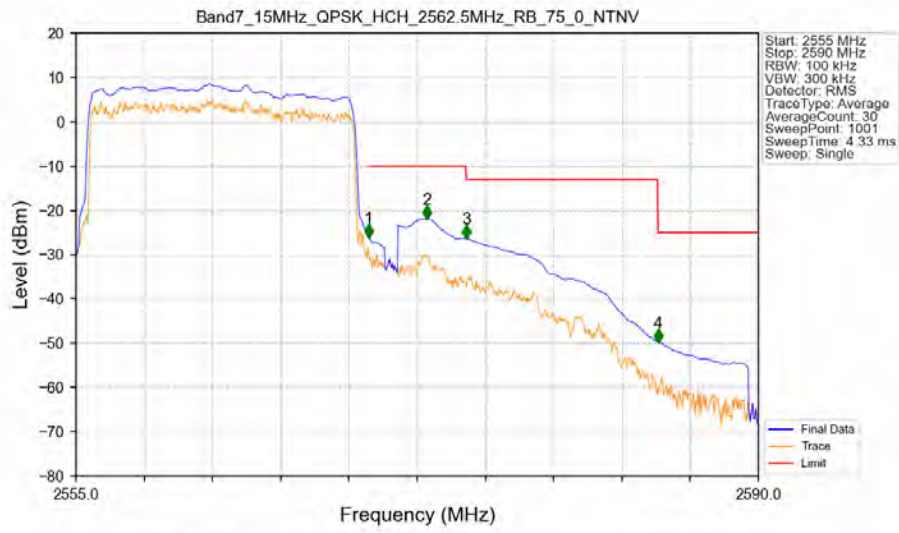


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



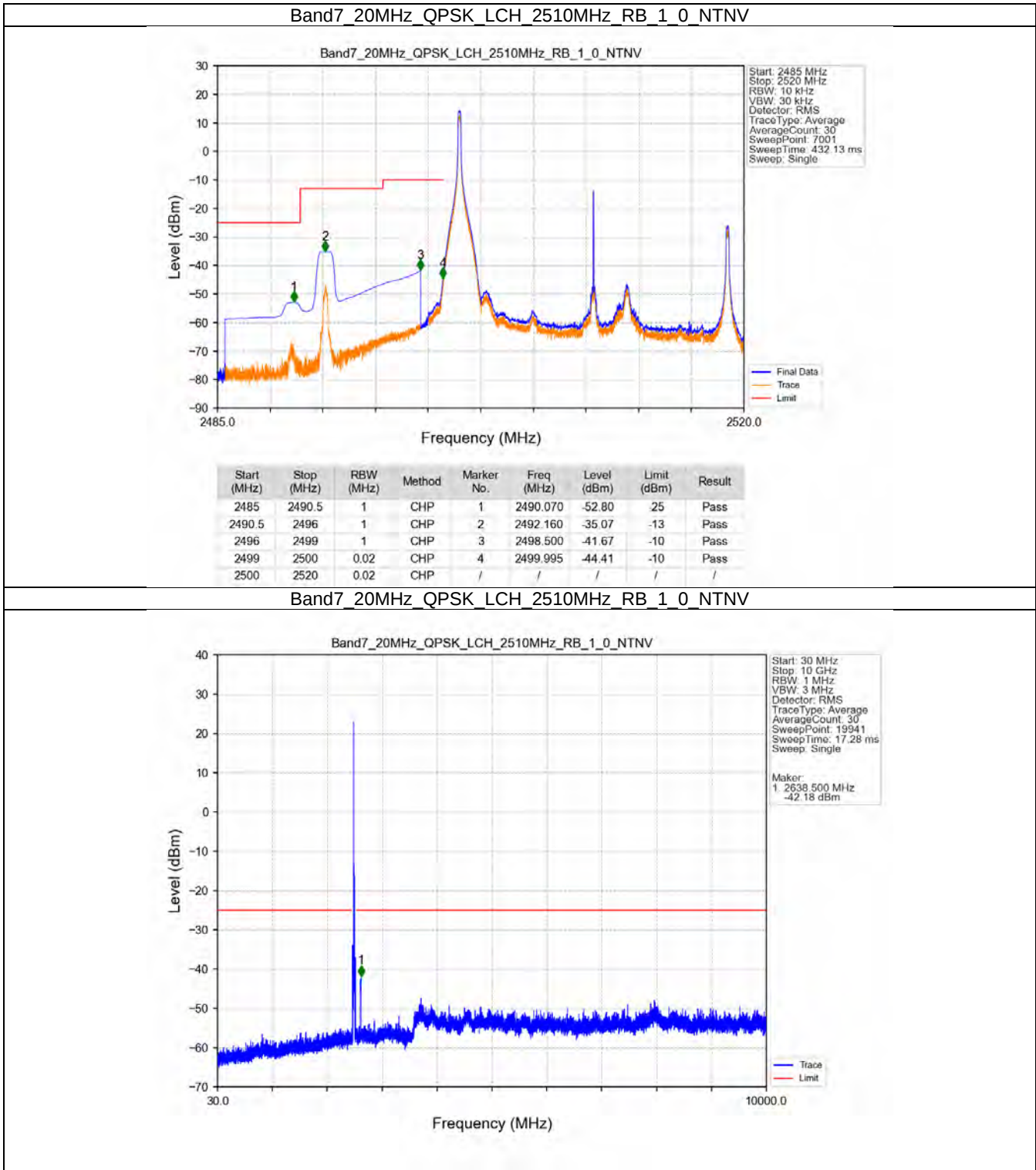
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-42.00	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.59	-10	Pass
2575	2584.843	1	CHP	3	2582.220	-43.39	-13	Pass
2584.843	2590	1	CHP	4	2588.880	-59.16	-25	Pass

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN

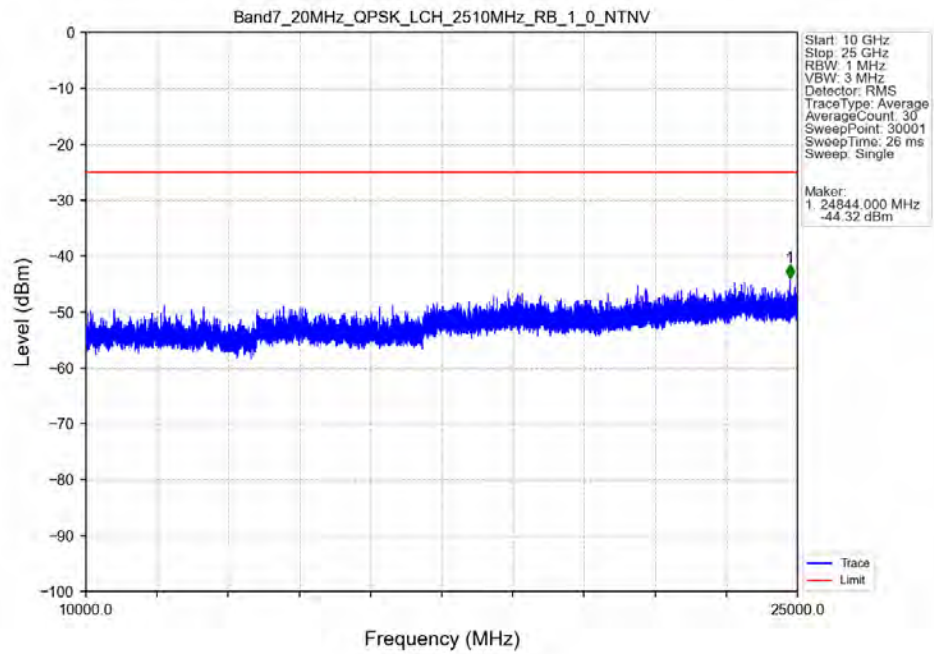


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.297	CHP	/	/	/	/	/
2570	2571	0.297	CHP	1	2570.015	-26.27	-10	Pass
2571	2575	1	CHP	2	2572.990	-21.94	-10	Pass
2575	2584.843	1	CHP	3	2575.020	-26.42	-13	Pass
2584.843	2590	1	CHP	4	2584.855	-49.85	-25	Pass

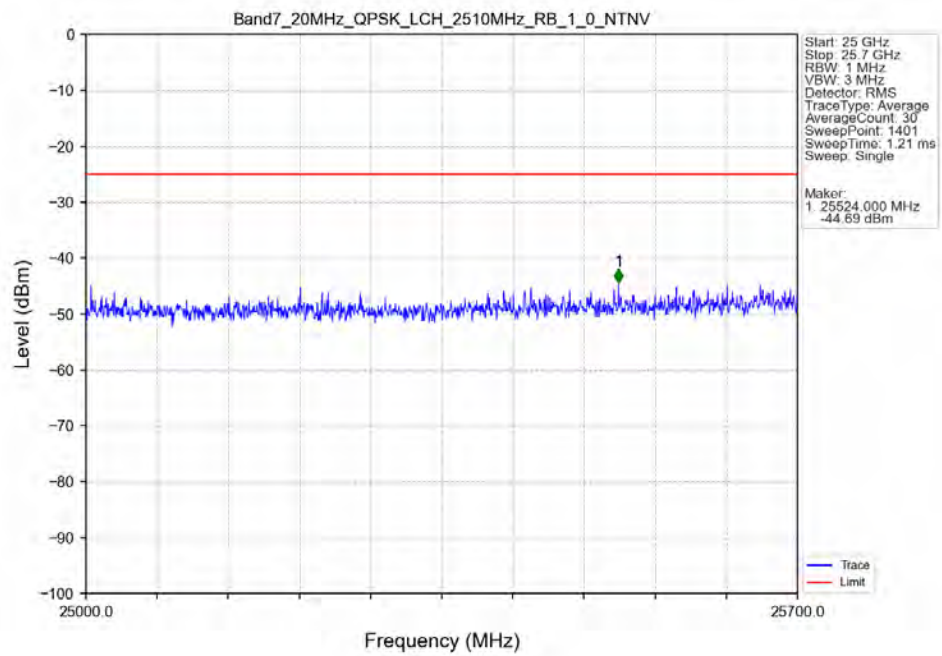
5.2.4 B7_20MHz



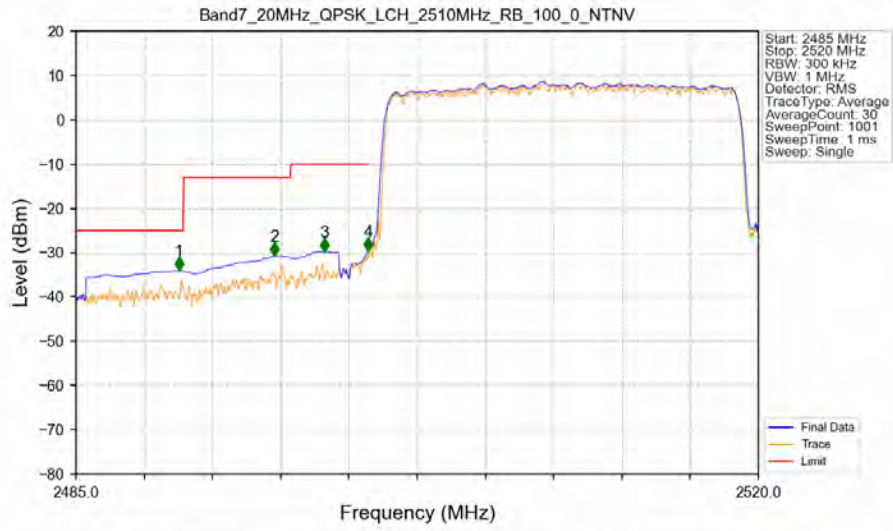
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV

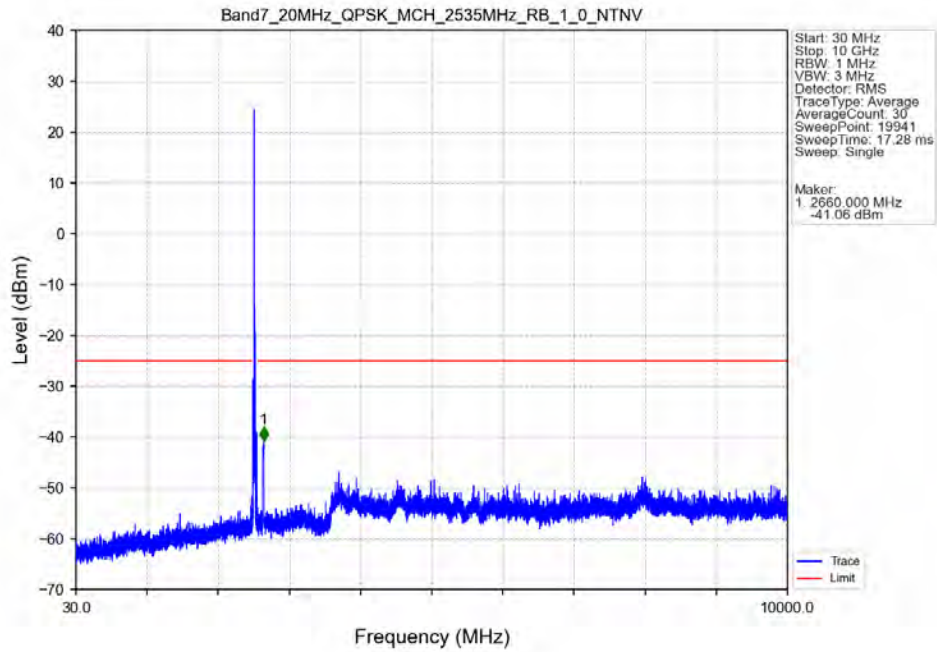


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

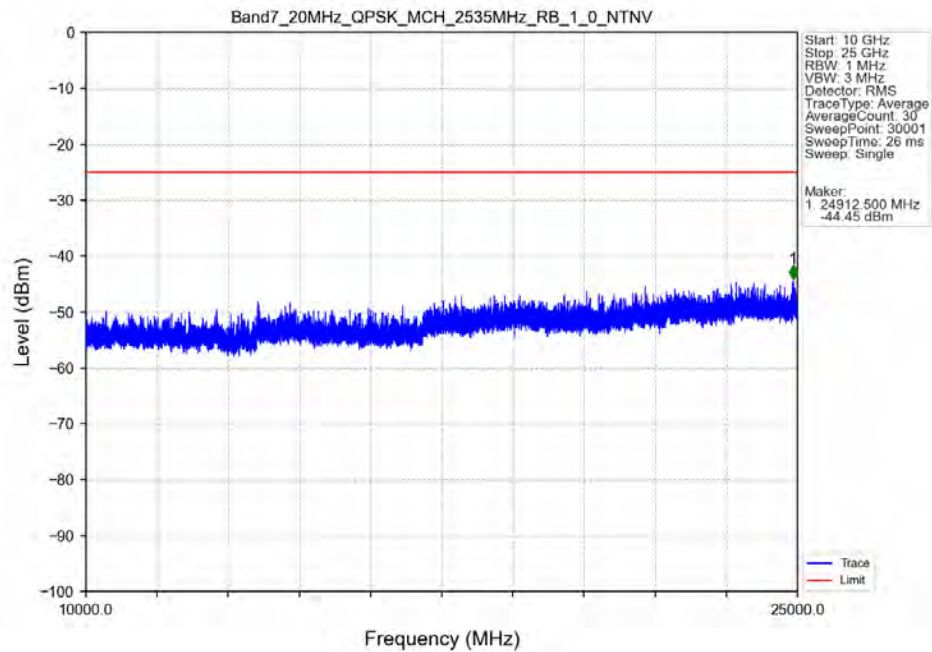


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.285	-34.06	25	Pass
2490.5	2496	1	CHP	2	2495.185	-30.71	-13	Pass
2496	2499	1	CHP	3	2497.740	-29.77	-10	Pass
2499	2500	0.396	CHP	4	2499.980	-29.67	-10	Pass
2500	2520	0.396	CHP	/	/	/	/	/

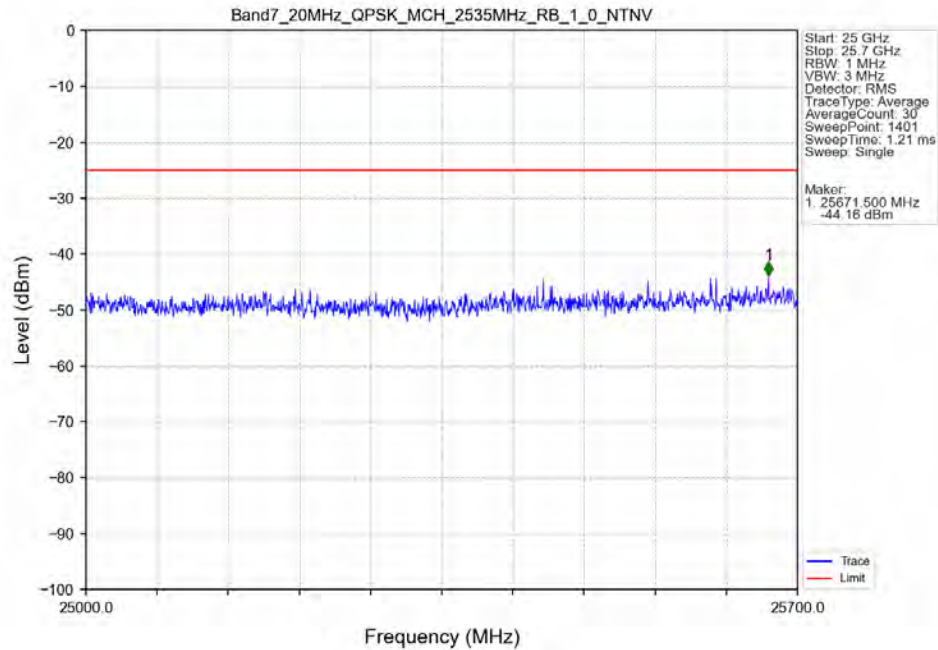
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



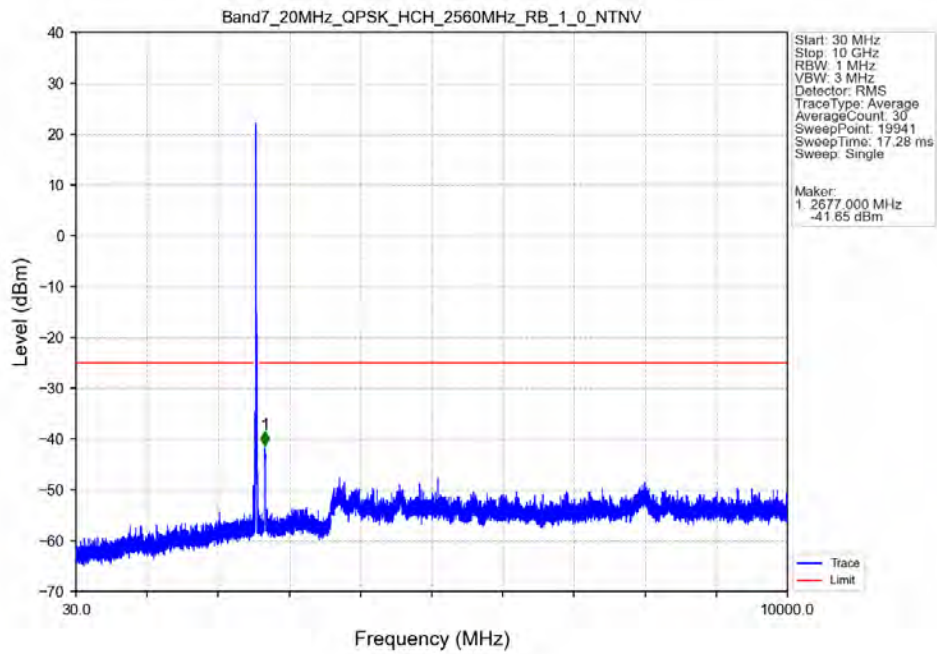
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



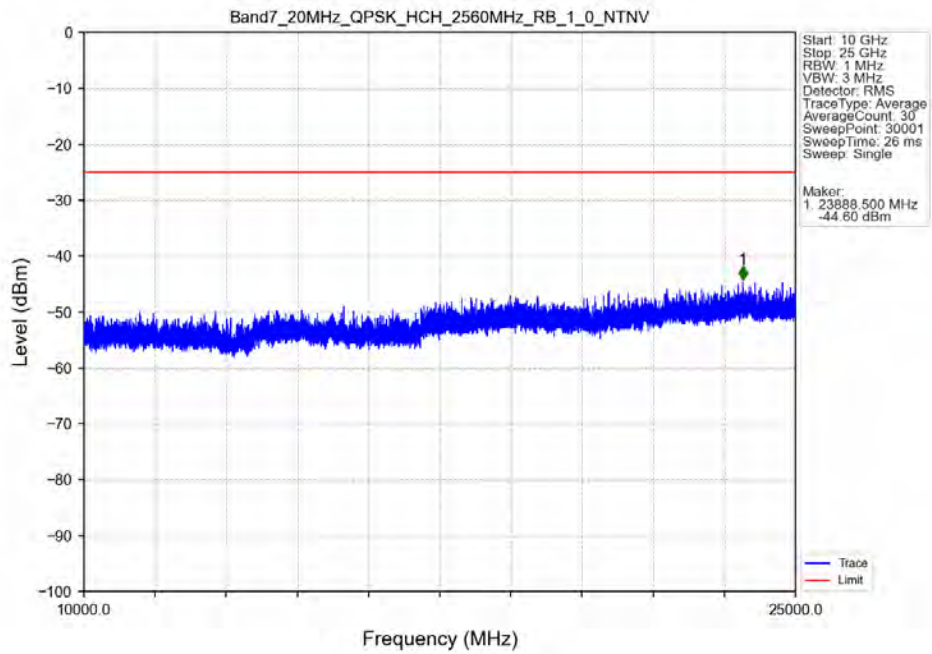
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



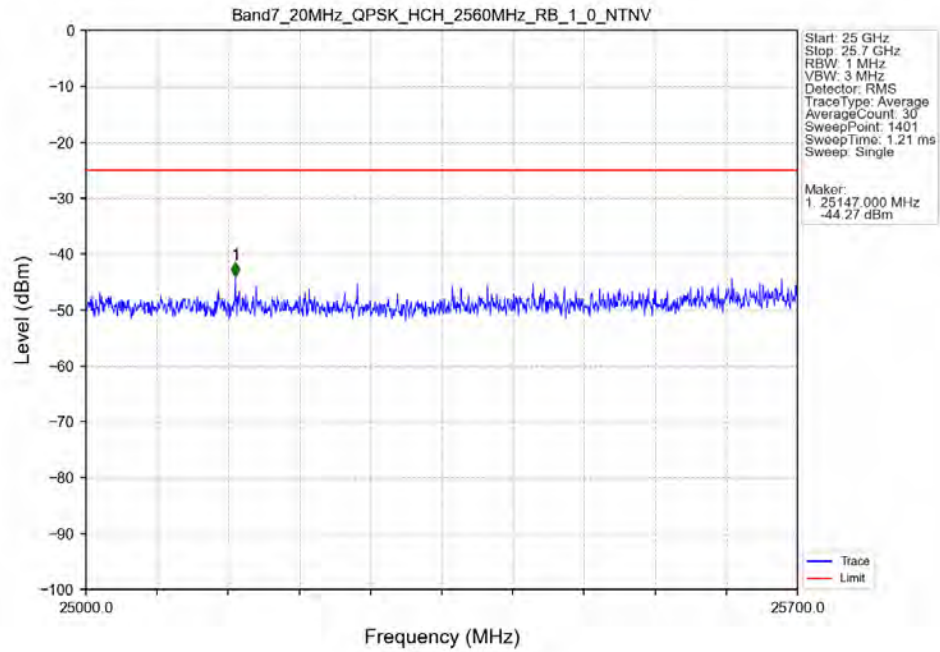
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



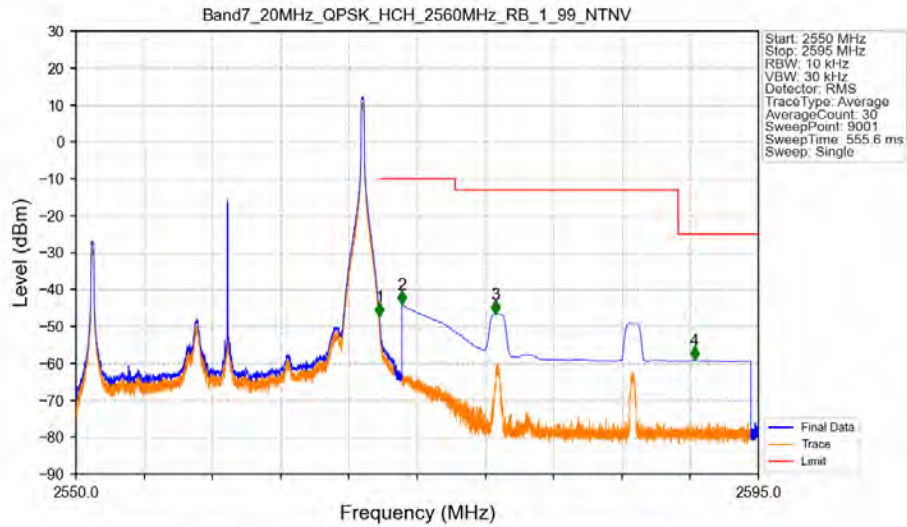
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

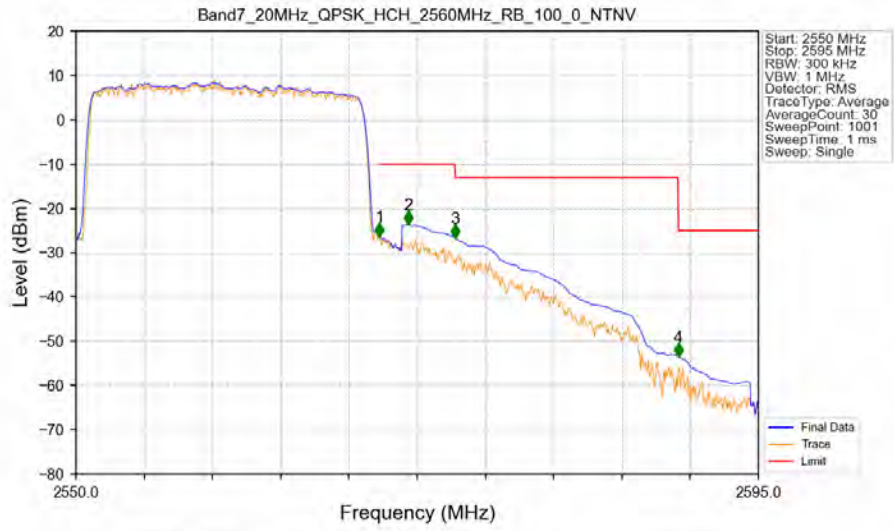


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-47.28	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.98	-10	Pass
2575	2589.708	1	CHP	3	2577.670	-46.68	-13	Pass
2589.708	2595	1	CHP	4	2590.790	-59.20	-25	Pass

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.394	CHP	/	/	/	/	/
2570	2571	0.394	CHP	1	2570.025	-26.40	-10	Pass
2571	2575	1	CHP	2	2571.915	-23.60	-10	Pass
2575	2589.708	1	CHP	3	2575.020	-26.68	-13	Pass
2589.708	2595	1	CHP	4	2589.735	-53.55	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 7-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
5002	H	-51.77	-25	26.77
7503	H	-53.93	-25	28.93
10004	H	-54.47	-25	29.47
5002	V	-52.55	-25	27.55
7503	V	-54.12	-25	29.12
10004	V	-53.45	-25	28.45

LTE Band 7-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
5052	H	-53.39	-25	28.39
7578	H	-54.82	-25	29.82
10104	H	-53.7	-25	28.7
5052	V	-52.75	-25	27.75
7578	V	-53.66	-25	28.66
10104	V	-52.94	-25	27.94

LTE Band 7-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
5102	H	-53	-25	28.0
7653	H	-54.79	-25	29.79
10204	H	-55.48	-25	30.48
5102	V	-50.03	-25	25.03
7653	V	-55.94	-25	30.94
10204	V	-55.91	-25	30.91