

Appendix - band_7

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	21.49	-0.49	21.00	<=33.01	Pass
			13	21.50	-0.49	21.01	<=33.01	Pass
			24	21.44	-0.49	20.95	<=33.01	Pass
		12	0	21.56	-0.49	21.07	<=33.01	Pass
			6	21.52	-0.49	21.03	<=33.01	Pass
			13	21.54	-0.49	21.05	<=33.01	Pass
		25	0	21.51	-0.49	21.02	<=33.01	Pass
	2535	1	0	21.72	-0.49	21.23	<=33.01	Pass
			13	21.76	-0.49	21.27	<=33.01	Pass
			24	21.76	-0.49	21.27	<=33.01	Pass
		12	0	21.75	-0.49	21.26	<=33.01	Pass
			6	21.74	-0.49	21.25	<=33.01	Pass
			13	21.74	-0.49	21.25	<=33.01	Pass
		25	0	21.74	-0.49	21.25	<=33.01	Pass
	2567.5	1	0	21.73	-0.49	21.24	<=33.01	Pass
			13	21.72	-0.49	21.23	<=33.01	Pass
			24	21.70	-0.49	21.21	<=33.01	Pass
		12	0	21.68	-0.49	21.19	<=33.01	Pass
			6	21.67	-0.49	21.18	<=33.01	Pass
			13	21.66	-0.49	21.17	<=33.01	Pass
		25	0	21.65	-0.49	21.16	<=33.01	Pass
16QAM	2502.5	1	0	21.49	-0.49	21.00	<=33.01	Pass
			13	21.47	-0.49	20.98	<=33.01	Pass
			24	21.45	-0.49	20.96	<=33.01	Pass
		12	0	21.56	-0.49	21.07	<=33.01	Pass
			6	21.59	-0.49	21.10	<=33.01	Pass
			13	21.58	-0.49	21.09	<=33.01	Pass
		25	0	21.57	-0.49	21.08	<=33.01	Pass
	2535	1	0	21.73	-0.49	21.24	<=33.01	Pass
			13	21.73	-0.49	21.24	<=33.01	Pass
			24	21.73	-0.49	21.24	<=33.01	Pass
		12	0	21.72	-0.49	21.23	<=33.01	Pass
			6	21.72	-0.49	21.23	<=33.01	Pass
			13	21.71	-0.49	21.22	<=33.01	Pass
		25	0	21.72	-0.49	21.23	<=33.01	Pass
	2567.5	1	0	21.64	-0.49	21.15	<=33.01	Pass
			13	21.80	-0.49	21.31	<=33.01	Pass
			24	21.80	-0.49	21.31	<=33.01	Pass
		12	0	21.79	-0.49	21.30	<=33.01	Pass
			6	21.78	-0.49	21.29	<=33.01	Pass
			13	21.70	-0.49	21.21	<=33.01	Pass
		25	0	21.77	-0.49	21.28	<=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	22.44	-0.49	21.95	<=33.01	Pass	
			25	22.54	-0.49	22.05	<=33.01	Pass	
			49	22.49	-0.49	22.00	<=33.01	Pass	
		25	0	21.50	-0.49	21.01	<=33.01	Pass	
			13	21.60	-0.49	21.11	<=33.01	Pass	
			25	21.57	-0.49	21.08	<=33.01	Pass	
		50	0	21.52	-0.49	21.03	<=33.01	Pass	
		2535	1	0	22.62	-0.49	22.13	<=33.01	Pass
				25	22.78	-0.49	22.29	<=33.01	Pass
	49			22.68	-0.49	22.19	<=33.01	Pass	
	25		0	21.64	-0.49	21.15	<=33.01	Pass	
			13	21.79	-0.49	21.30	<=33.01	Pass	
			25	21.77	-0.49	21.28	<=33.01	Pass	
	50		0	21.70	-0.49	21.21	<=33.01	Pass	
	2565		1	0	22.74	-0.49	22.25	<=33.01	Pass
				25	22.83	-0.49	22.34	<=33.01	Pass
		49		22.75	-0.49	22.26	<=33.01	Pass	
		25	0	21.72	-0.49	21.23	<=33.01	Pass	
			13	21.75	-0.49	21.26	<=33.01	Pass	
			25	21.72	-0.49	21.23	<=33.01	Pass	
		50	0	21.80	-0.49	21.31	<=33.01	Pass	
16QAM		2505	1	0	21.72	-0.49	21.23	<=33.01	Pass
				25	21.69	-0.49	21.20	<=33.01	Pass
	49			21.70	-0.49	21.21	<=33.01	Pass	
	25		0	20.54	-0.49	20.05	<=33.01	Pass	
			13	20.56	-0.49	20.07	<=33.01	Pass	
			25	20.57	-0.49	20.08	<=33.01	Pass	
	50		0	20.57	-0.49	20.08	<=33.01	Pass	
	2535		1	0	21.18	-0.49	20.69	<=33.01	Pass
				25	21.16	-0.49	20.67	<=33.01	Pass
		49		21.24	-0.49	20.75	<=33.01	Pass	
		25	0	20.79	-0.49	20.30	<=33.01	Pass	
			13	20.83	-0.49	20.34	<=33.01	Pass	
			25	20.81	-0.49	20.32	<=33.01	Pass	
		50	0	20.76	-0.49	20.27	<=33.01	Pass	
		2565	1	0	21.72	-0.49	21.23	<=33.01	Pass
				25	21.77	-0.49	21.28	<=33.01	Pass
	49			21.77	-0.49	21.28	<=33.01	Pass	
	25		0	20.74	-0.49	20.25	<=33.01	Pass	
			13	21.09	-0.49	20.60	<=33.01	Pass	
			25	20.79	-0.49	20.30	<=33.01	Pass	
	50		0	21.13	-0.49	20.64	<=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	22.40	-0.49	21.91	<=33.01	Pass
			38	22.42	-0.49	21.93	<=33.01	Pass
			74	22.41	-0.49	21.92	<=33.01	Pass
		36	0	21.58	-0.49	21.09	<=33.01	Pass
			18	21.61	-0.49	21.12	<=33.01	Pass
			39	21.63	-0.49	21.14	<=33.01	Pass

16QAM	2535	75	0	21.62	-0.49	21.13	<=33.01	Pass
			0	22.56	-0.49	22.07	<=33.01	Pass
			38	22.69	-0.49	22.20	<=33.01	Pass
		36	74	22.69	-0.49	22.20	<=33.01	Pass
			0	21.63	-0.49	21.14	<=33.01	Pass
			18	21.72	-0.49	21.23	<=33.01	Pass
			39	21.63	-0.49	21.14	<=33.01	Pass
		2562.5	75	21.61	-0.49	21.12	<=33.01	Pass
			0	22.65	-0.49	22.16	<=33.01	Pass
			38	22.67	-0.49	22.18	<=33.01	Pass
16QAM	2507.5	1	74	22.66	-0.49	22.17	<=33.01	Pass
			0	21.75	-0.49	21.26	<=33.01	Pass
			18	21.81	-0.49	21.32	<=33.01	Pass
		36	39	21.80	-0.49	21.31	<=33.01	Pass
			75	21.65	-0.49	21.16	<=33.01	Pass
			0	21.85	-0.49	21.36	<=33.01	Pass
		36	38	21.88	-0.49	21.39	<=33.01	Pass
			74	21.88	-0.49	21.39	<=33.01	Pass
			0	20.55	-0.49	20.06	<=33.01	Pass
16QAM	2535	1	18	20.62	-0.49	20.13	<=33.01	Pass
			39	20.58	-0.49	20.09	<=33.01	Pass
			75	20.48	-0.49	19.99	<=33.01	Pass
		36	0	21.77	-0.49	21.28	<=33.01	Pass
			38	21.96	-0.49	21.47	<=33.01	Pass
			74	22.06	-0.49	21.57	<=33.01	Pass
		2562.5	0	20.72	-0.49	20.23	<=33.01	Pass
			18	20.78	-0.49	20.29	<=33.01	Pass
			39	20.67	-0.49	20.18	<=33.01	Pass
16QAM	2507.5	1	75	20.75	-0.49	20.26	<=33.01	Pass
			0	21.76	-0.49	21.27	<=33.01	Pass
			38	21.83	-0.49	21.34	<=33.01	Pass
		36	74	21.80	-0.49	21.31	<=33.01	Pass
			0	20.85	-0.49	20.36	<=33.01	Pass
			18	20.88	-0.49	20.39	<=33.01	Pass
		2562.5	39	20.75	-0.49	20.26	<=33.01	Pass
			75	20.76	-0.49	20.27	<=33.01	Pass
			0	20.76	-0.49	20.27	<=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	22.45	-0.49	21.96	<=33.01	Pass
			50	22.58	-0.49	22.09	<=33.01	Pass
			99	22.56	-0.49	22.07	<=33.01	Pass
		50	0	21.47	-0.49	20.98	<=33.01	Pass
			25	21.51	-0.49	21.02	<=33.01	Pass
			50	21.63	-0.49	21.14	<=33.01	Pass
		100	0	21.59	-0.49	21.10	<=33.01	Pass
			0	22.72	-0.49	22.23	<=33.01	Pass
			50	22.74	-0.49	22.25	<=33.01	Pass
QPSK	2535	1	99	22.79	-0.49	22.30	<=33.01	Pass
			0	21.70	-0.49	21.21	<=33.01	Pass
			25	21.71	-0.49	21.22	<=33.01	Pass
		50	50	21.67	-0.49	21.18	<=33.01	Pass
			0	21.76	-0.49	21.27	<=33.01	Pass
			0	22.76	-0.49	22.27	<=33.01	Pass
		100	0	22.76	-0.49	22.27	<=33.01	Pass
			0	22.76	-0.49	22.27	<=33.01	Pass
			0	22.76	-0.49	22.27	<=33.01	Pass

16QAM	2510	50	50	22.60	-0.49	22.11	<=33.01	Pass
			99	22.64	-0.49	22.15	<=33.01	Pass
			0	21.61	-0.49	21.12	<=33.01	Pass
		100	25	21.69	-0.49	21.20	<=33.01	Pass
			50	21.87	-0.49	21.38	<=33.01	Pass
			0	21.69	-0.49	21.20	<=33.01	Pass
		1	0	22.22	-0.49	21.73	<=33.01	Pass
			50	22.31	-0.49	21.82	<=33.01	Pass
			99	22.24	-0.49	21.75	<=33.01	Pass
		50	0	20.39	-0.49	19.90	<=33.01	Pass
			25	20.54	-0.49	20.05	<=33.01	Pass
			50	20.42	-0.49	19.93	<=33.01	Pass
	2535	100	0	20.65	-0.49	20.16	<=33.01	Pass
			0	22.07	-0.49	21.58	<=33.01	Pass
			50	22.11	-0.49	21.62	<=33.01	Pass
		1	99	22.29	-0.49	21.80	<=33.01	Pass
			0	20.81	-0.49	20.32	<=33.01	Pass
			25	20.88	-0.49	20.39	<=33.01	Pass
		50	50	20.77	-0.49	20.28	<=33.01	Pass
			0	20.77	-0.49	20.28	<=33.01	Pass
			0	21.62	-0.49	21.13	<=33.01	Pass
		1	50	21.55	-0.49	21.06	<=33.01	Pass
			99	21.65	-0.49	21.16	<=33.01	Pass
		50	0	20.80	-0.49	20.31	<=33.01	Pass
			25	20.85	-0.49	20.36	<=33.01	Pass
			50	21.12	-0.49	20.63	<=33.01	Pass
		100	0	20.70	-0.49	20.21	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	-17.495	-0.0070	-2.5 to 2.5	Pass
					3.85	-15.621	-0.0062	-2.5 to 2.5	Pass
					4.43	23.103	0.0092	-2.5 to 2.5	Pass
				-30	3.85	24.691	0.0099	-2.5 to 2.5	Pass
				-20	3.85	16.007	0.0064	-2.5 to 2.5	Pass
				-10	3.85	43.731	0.0175	-2.5 to 2.5	Pass
				0	3.85	21.873	0.0087	-2.5 to 2.5	Pass
				10	3.85	41.828	0.0167	-2.5 to 2.5	Pass
				30	3.85	52.600	0.0210	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
	50	3.85	8.268	0.0033	-2.5 to 2.5	Pass			
	2535	25	0	20	3.27	6.809	0.0027	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0003	-2.5 to 2.5	Pass
10				3.85	2.718	0.0011	-2.5 to 2.5	Pass	

	2567.5	25	0	30	3.85	1.345	0.0005	-2.5 to 2.5	Pass
				40	3.85	3.390	0.0013	-2.5 to 2.5	Pass
				50	3.85	7.024	0.0028	-2.5 to 2.5	Pass
				20	3.27	6.909	0.0027	-2.5 to 2.5	Pass
					3.85	-0.687	-0.0003	-2.5 to 2.5	Pass
					4.43	4.892	0.0019	-2.5 to 2.5	Pass
				-30	3.85	6.723	0.0026	-2.5 to 2.5	Pass
				-20	3.85	4.864	0.0019	-2.5 to 2.5	Pass
				-10	3.85	6.051	0.0024	-2.5 to 2.5	Pass
				0	3.85	7.553	0.0029	-2.5 to 2.5	Pass
				10	3.85	7.939	0.0031	-2.5 to 2.5	Pass
				30	3.85	6.795	0.0026	-2.5 to 2.5	Pass
				40	3.85	4.878	0.0019	-2.5 to 2.5	Pass
				50	3.85	6.781	0.0026	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	14.734	0.0059	-2.5 to 2.5	Pass
					3.85	19.798	0.0079	-2.5 to 2.5	Pass
					4.43	25.206	0.0101	-2.5 to 2.5	Pass
				-30	3.85	27.266	0.0109	-2.5 to 2.5	Pass
				-20	3.85	34.189	0.0137	-2.5 to 2.5	Pass
				-10	3.85	31.486	0.0126	-2.5 to 2.5	Pass
				0	3.85	35.706	0.0143	-2.5 to 2.5	Pass
				10	3.85	34.103	0.0136	-2.5 to 2.5	Pass
				30	3.85	34.490	0.0138	-2.5 to 2.5	Pass
				40	3.85	37.236	0.0149	-2.5 to 2.5	Pass
				50	3.85	38.710	0.0155	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	3.462	0.0014	-2.5 to 2.5	Pass
					3.85	4.020	0.0016	-2.5 to 2.5	Pass
					4.43	2.089	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.232	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				40	3.85	5.407	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.575	0.0010	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	7.753	0.0030	-2.5 to 2.5	Pass
					3.85	5.393	0.0021	-2.5 to 2.5	Pass
					4.43	7.081	0.0028	-2.5 to 2.5	Pass
				-30	3.85	7.010	0.0027	-2.5 to 2.5	Pass
				-20	3.85	7.753	0.0030	-2.5 to 2.5	Pass
				-10	3.85	6.208	0.0024	-2.5 to 2.5	Pass
				0	3.85	4.478	0.0017	-2.5 to 2.5	Pass
				10	3.85	3.390	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.834	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.489	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0004	-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	2.232	0.0009	-2.5 to 2.5	Pass
					3.85	-16.379	-0.0065	-2.5 to 2.5	Pass
					4.43	-16.894	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-12.431	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-12.288	-0.0049	-2.5 to 2.5	Pass

16QAM				-10	3.85	-7.610	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-9.928	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.713	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-7.224	-0.0029	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	7.210	0.0028	-2.5 to 2.5	Pass
					3.85	1.545	0.0006	-2.5 to 2.5	Pass
					4.43	1.831	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0011	-2.5 to 2.5	Pass
				-20	3.85	7.410	0.0029	-2.5 to 2.5	Pass
				-10	3.85	7.739	0.0031	-2.5 to 2.5	Pass
				0	3.85	11.029	0.0044	-2.5 to 2.5	Pass
				10	3.85	8.283	0.0033	-2.5 to 2.5	Pass
				30	3.85	11.501	0.0045	-2.5 to 2.5	Pass
				40	3.85	12.317	0.0049	-2.5 to 2.5	Pass
				50	3.85	9.098	0.0036	-2.5 to 2.5	Pass
				20	3.27	-12.617	-0.0049	-2.5 to 2.5	Pass
					3.85	-20.528	-0.0080	-2.5 to 2.5	Pass
					4.43	-10.772	-0.0042	-2.5 to 2.5	Pass
	2565	50	0	-30	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-10	3.85	4.807	0.0019	-2.5 to 2.5	Pass
				0	3.85	8.583	0.0033	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0017	-2.5 to 2.5	Pass
				30	3.85	7.396	0.0029	-2.5 to 2.5	Pass
				40	3.85	7.567	0.0030	-2.5 to 2.5	Pass
				50	3.85	7.124	0.0028	-2.5 to 2.5	Pass
				20	3.27	-6.394	-0.0026	-2.5 to 2.5	Pass
					3.85	-8.483	-0.0034	-2.5 to 2.5	Pass
					4.43	-11.873	-0.0047	-2.5 to 2.5	Pass
	2505	50	0	-30	3.85	-16.866	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-16.537	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-22.902	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-22.960	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-24.161	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-26.836	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-22.817	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-26.522	-0.0106	-2.5 to 2.5	Pass
				20	3.27	9.799	0.0039	-2.5 to 2.5	Pass
					3.85	11.015	0.0043	-2.5 to 2.5	Pass
					4.43	5.393	0.0021	-2.5 to 2.5	Pass
	2535	50	0	-30	3.85	4.992	0.0020	-2.5 to 2.5	Pass
				-20	3.85	2.031	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.501	-0.0002	-2.5 to 2.5	Pass
				20	3.27	9.484	0.0037	-2.5 to 2.5	Pass
					3.85	10.171	0.0040	-2.5 to 2.5	Pass
					4.43	7.210	0.0028	-2.5 to 2.5	Pass
	2565	50	0	-30	3.85	6.466	0.0025	-2.5 to 2.5	Pass
				-20	3.85	4.163	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0004	-2.5 to 2.5	Pass

				50	3.85	1.588	0.0006	-2.5 to 2.5	Pass
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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	-35.334	-0.0141	-2.5 to 2.5	Pass
					3.85	-31.843	-0.0127	-2.5 to 2.5	Pass
					4.43	-10.457	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	13.118	0.0052	-2.5 to 2.5	Pass
				-20	3.85	25.849	0.0103	-2.5 to 2.5	Pass
				-10	3.85	34.375	0.0137	-2.5 to 2.5	Pass
				0	3.85	33.431	0.0133	-2.5 to 2.5	Pass
				10	3.85	5.894	0.0024	-2.5 to 2.5	Pass
				30	3.85	8.054	0.0032	-2.5 to 2.5	Pass
				40	3.85	16.365	0.0065	-2.5 to 2.5	Pass
				50	3.85	14.949	0.0060	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.146	-0.0008	-2.5 to 2.5	Pass
					3.85	-9.098	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-6.094	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	2.003	0.0008	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
					4.43	10.500	0.0041	-2.5 to 2.5	Pass
				-30	3.85	10.657	0.0042	-2.5 to 2.5	Pass
				-20	3.85	16.065	0.0063	-2.5 to 2.5	Pass
				-10	3.85	17.667	0.0069	-2.5 to 2.5	Pass
				0	3.85	17.953	0.0070	-2.5 to 2.5	Pass
				10	3.85	18.797	0.0073	-2.5 to 2.5	Pass
				30	3.85	22.402	0.0087	-2.5 to 2.5	Pass
				40	3.85	18.611	0.0073	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	17.638	0.0070	-2.5 to 2.5	Pass
					3.85	17.881	0.0071	-2.5 to 2.5	Pass
					4.43	10.214	0.0041	-2.5 to 2.5	Pass
				-30	3.85	11.573	0.0046	-2.5 to 2.5	Pass
				-20	3.85	13.418	0.0054	-2.5 to 2.5	Pass
				-10	3.85	13.003	0.0052	-2.5 to 2.5	Pass
				0	3.85	10.901	0.0043	-2.5 to 2.5	Pass
				10	3.85	7.625	0.0030	-2.5 to 2.5	Pass
				30	3.85	9.856	0.0039	-2.5 to 2.5	Pass
				40	3.85	7.324	0.0029	-2.5 to 2.5	Pass
				50	3.85	8.969	0.0036	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-3.848	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.865	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.522	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass

				10	3.85	-6.824	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.080	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-11.644	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-12.674	-0.0050	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	23.718	0.0093	-2.5 to 2.5	Pass
					3.85	20.070	0.0078	-2.5 to 2.5	Pass
					4.43	19.641	0.0077	-2.5 to 2.5	Pass
				-30	3.85	14.563	0.0057	-2.5 to 2.5	Pass
				-20	3.85	16.894	0.0066	-2.5 to 2.5	Pass
				-10	3.85	14.033	0.0055	-2.5 to 2.5	Pass
				0	3.85	12.603	0.0049	-2.5 to 2.5	Pass
				10	3.85	5.794	0.0023	-2.5 to 2.5	Pass
				30	3.85	13.561	0.0053	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0057	-2.5 to 2.5	Pass
				50	3.85	8.526	0.0033	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	-21.143	-0.0084	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0040	-2.5 to 2.5	Pass
					4.43	16.737	0.0067	-2.5 to 2.5	Pass
				-30	3.85	39.625	0.0158	-2.5 to 2.5	Pass
				-20	3.85	-13.232	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-2.904	-0.0012	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				10	3.85	5.550	0.0022	-2.5 to 2.5	Pass
				30	3.85	7.911	0.0032	-2.5 to 2.5	Pass
				40	3.85	10.185	0.0041	-2.5 to 2.5	Pass
				50	3.85	7.381	0.0029	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	7.367	0.0029	-2.5 to 2.5	Pass
					3.85	1.402	0.0006	-2.5 to 2.5	Pass
					4.43	-0.114	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0003	-2.5 to 2.5	Pass
				0	3.85	5.608	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.476	0.0014	-2.5 to 2.5	Pass
				30	3.85	7.539	0.0030	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0011	-2.5 to 2.5	Pass
				50	3.85	6.895	0.0027	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	2.990	0.0012	-2.5 to 2.5	Pass
					3.85	2.317	0.0009	-2.5 to 2.5	Pass
					4.43	11.916	0.0047	-2.5 to 2.5	Pass
				-30	3.85	14.176	0.0055	-2.5 to 2.5	Pass
				-20	3.85	18.353	0.0072	-2.5 to 2.5	Pass
				-10	3.85	26.908	0.0105	-2.5 to 2.5	Pass
				0	3.85	20.127	0.0079	-2.5 to 2.5	Pass
				10	3.85	23.146	0.0090	-2.5 to 2.5	Pass
				30	3.85	17.838	0.0070	-2.5 to 2.5	Pass
				40	3.85	24.819	0.0097	-2.5 to 2.5	Pass
				50	3.85	24.719	0.0097	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	12.016	0.0048	-2.5 to 2.5	Pass
					3.85	13.189	0.0053	-2.5 to 2.5	Pass
					4.43	3.848	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.947	0.0012	-2.5 to 2.5	Pass

				-20	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0012	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	4.835	0.0019	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-3.304	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-10.586	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-10.014	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-11.601	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-14.906	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-14.992	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-12.746	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-16.379	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-17.495	-0.0069	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	22.302	0.0087	-2.5 to 2.5	Pass
					3.85	23.675	0.0092	-2.5 to 2.5	Pass
					4.43	19.598	0.0077	-2.5 to 2.5	Pass
				-30	3.85	16.694	0.0065	-2.5 to 2.5	Pass
				-20	3.85	13.318	0.0052	-2.5 to 2.5	Pass
				-10	3.85	14.720	0.0058	-2.5 to 2.5	Pass
				0	3.85	20.928	0.0082	-2.5 to 2.5	Pass
				10	3.85	19.827	0.0077	-2.5 to 2.5	Pass
				30	3.85	16.494	0.0064	-2.5 to 2.5	Pass
				40	3.85	17.610	0.0069	-2.5 to 2.5	Pass
				50	3.85	17.610	0.0069	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

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

3.1.2 B7_10MHz

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

3.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation		Modulation Characteristics		Verdict

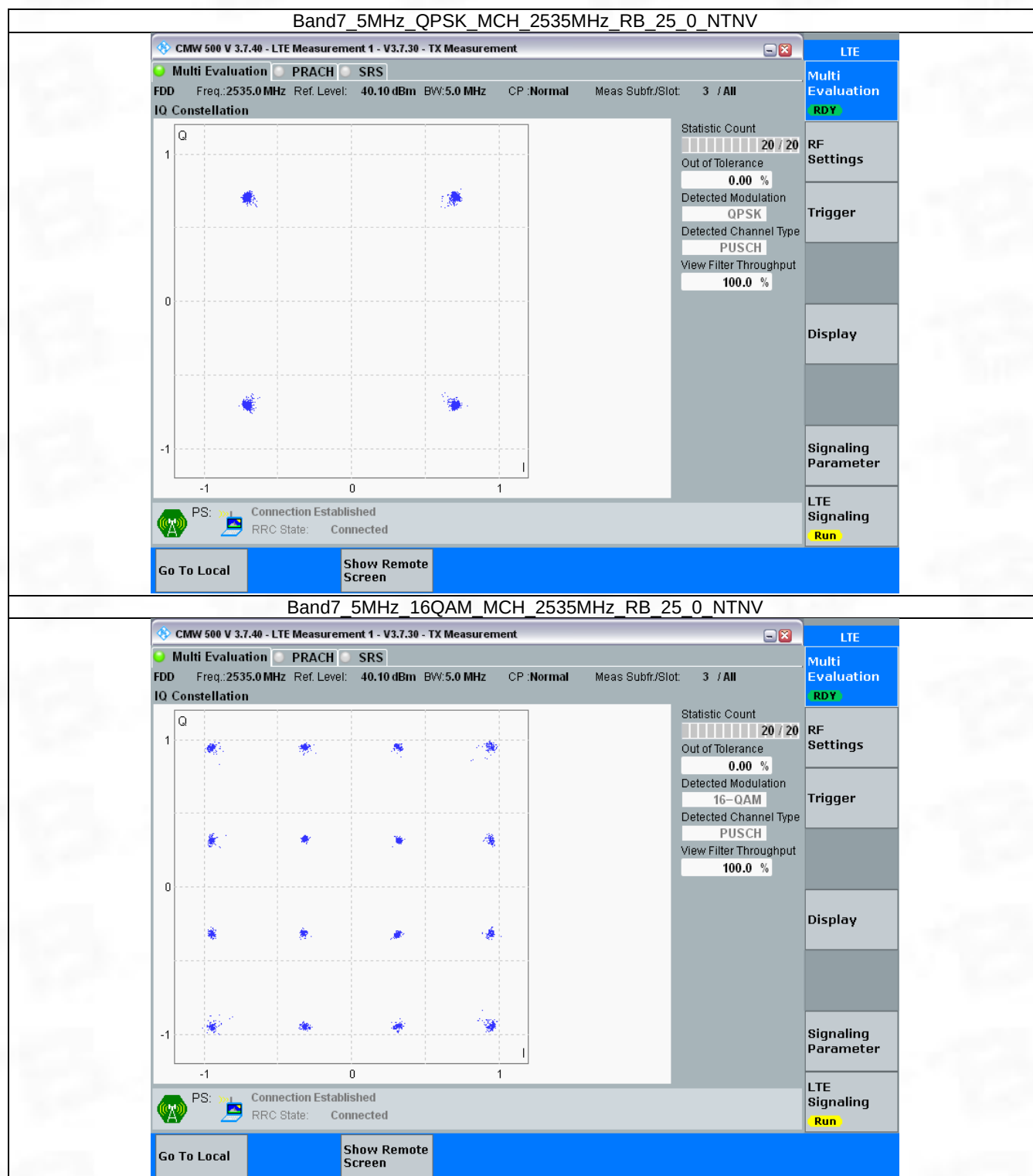
	(MHz)	Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

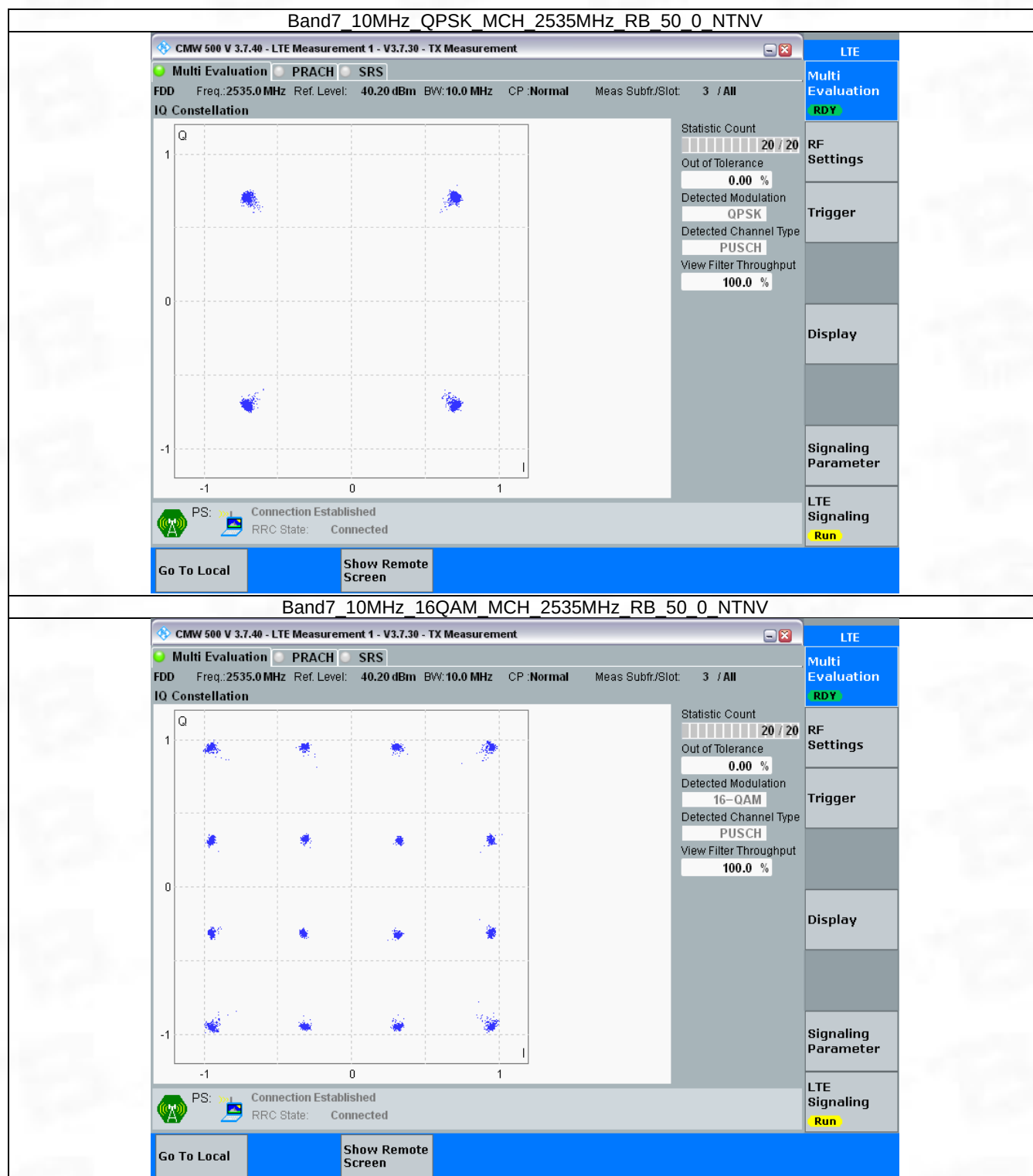
Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

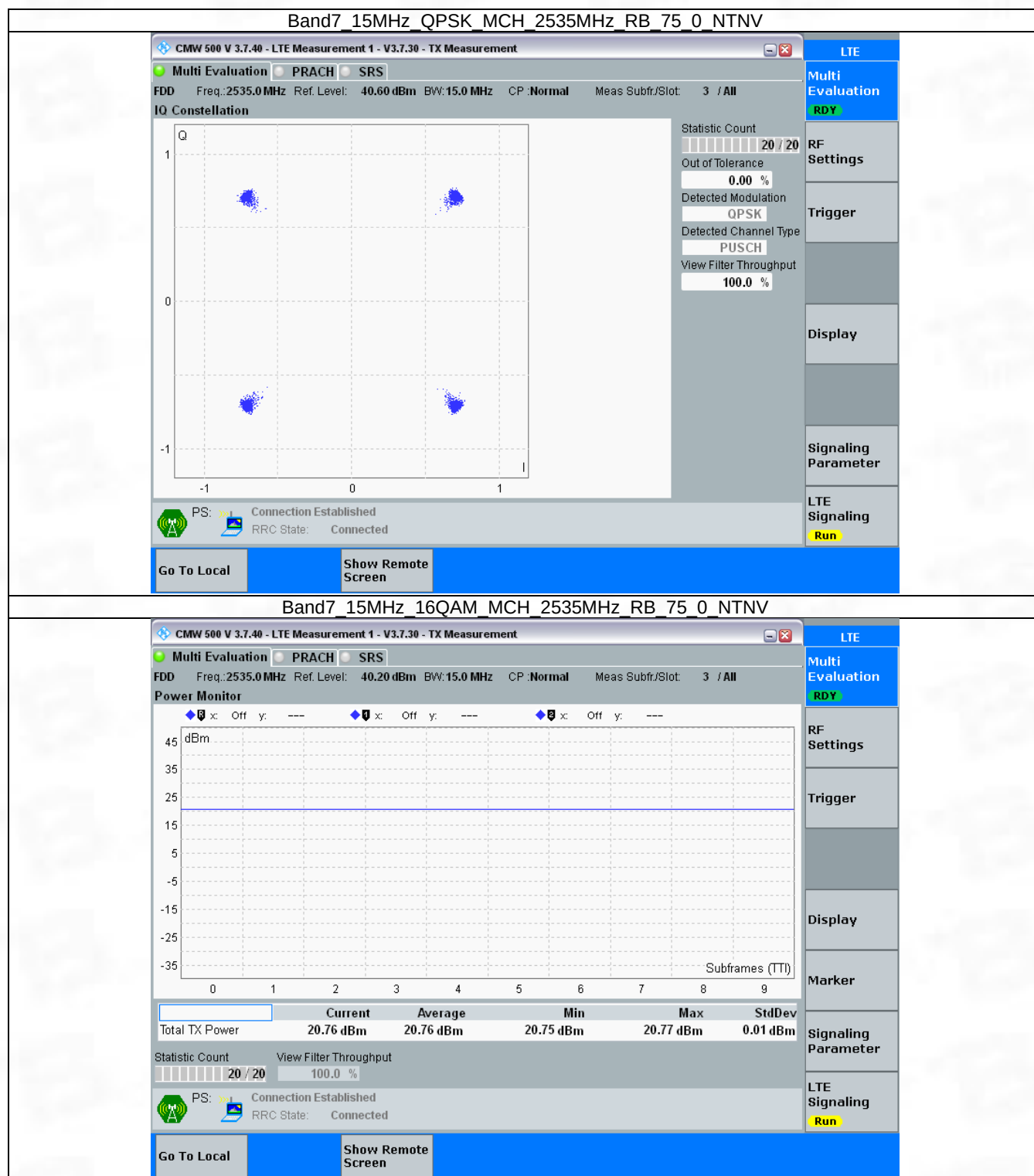
3.2.1 B7_5MHz



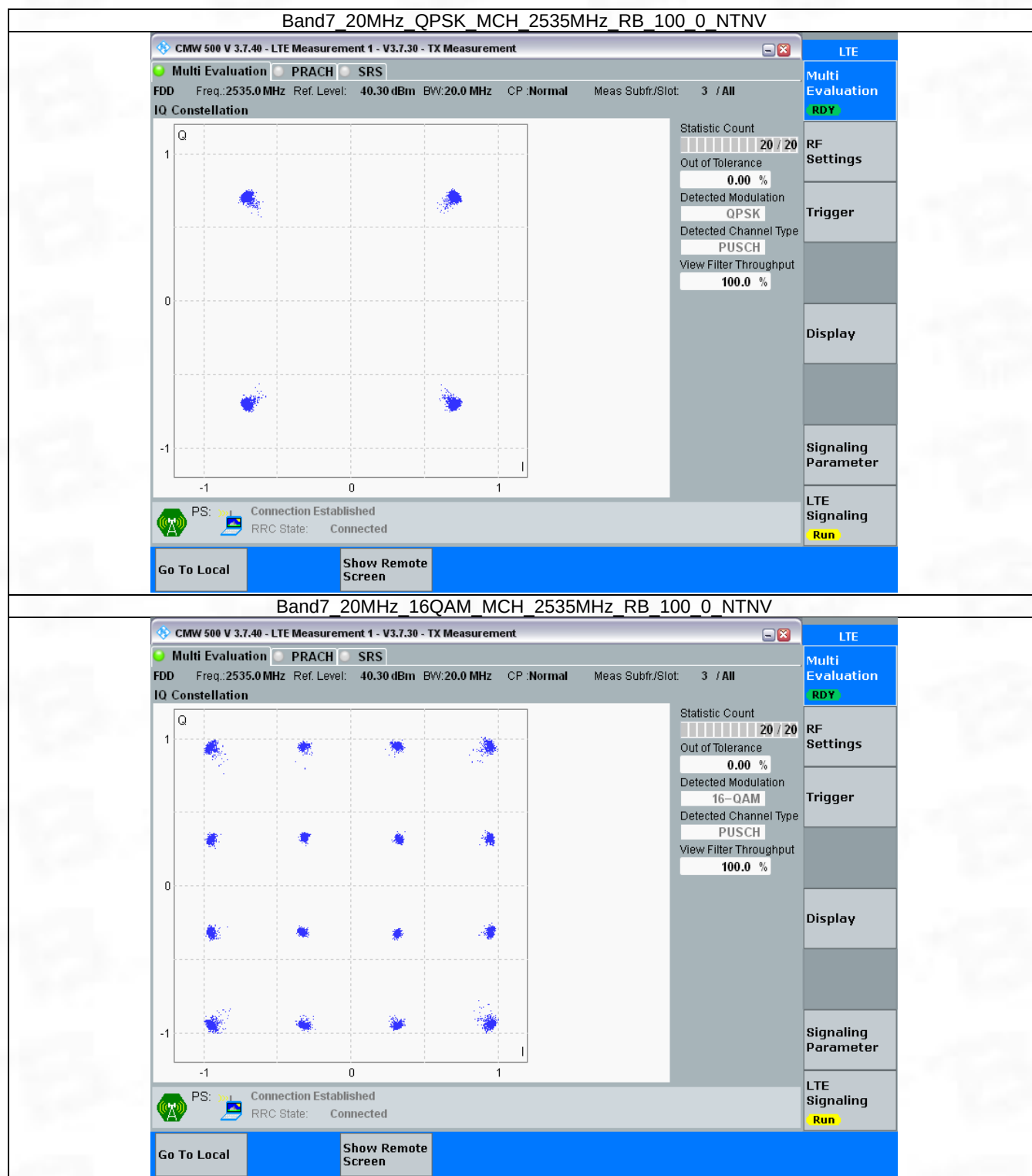
3.2.2 B7_10MHz



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 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.542	/	Pass
		2535	25	0	4.556	/	Pass
		2567.5	25	0	4.579	/	Pass
	16QAM	2502.5	25	0	4.550	/	Pass
		2535	25	0	4.578	/	Pass
		2567.5	25	0	4.554	/	Pass
10	QPSK	2505	50	0	9.070	/	Pass
		2535	50	0	9.065	/	Pass
		2565	50	0	9.067	/	Pass
	16QAM	2505	50	0	9.078	/	Pass
		2535	50	0	9.093	/	Pass
		2565	50	0	9.085	/	Pass
15	QPSK	2507.5	75	0	13.601	/	Pass
		2535	75	0	13.597	/	Pass
		2562.5	75	0	13.622	/	Pass
	16QAM	2507.5	75	0	13.604	/	Pass
		2535	75	0	13.647	/	Pass
		2562.5	75	0	13.597	/	Pass
20	QPSK	2510	100	0	18.154	/	Pass
		2535	100	0	18.173	/	Pass
		2560	100	0	18.129	/	Pass
	16QAM	2510	100	0	18.130	/	Pass
		2535	100	0	18.173	/	Pass
		2560	100	0	18.122	/	Pass

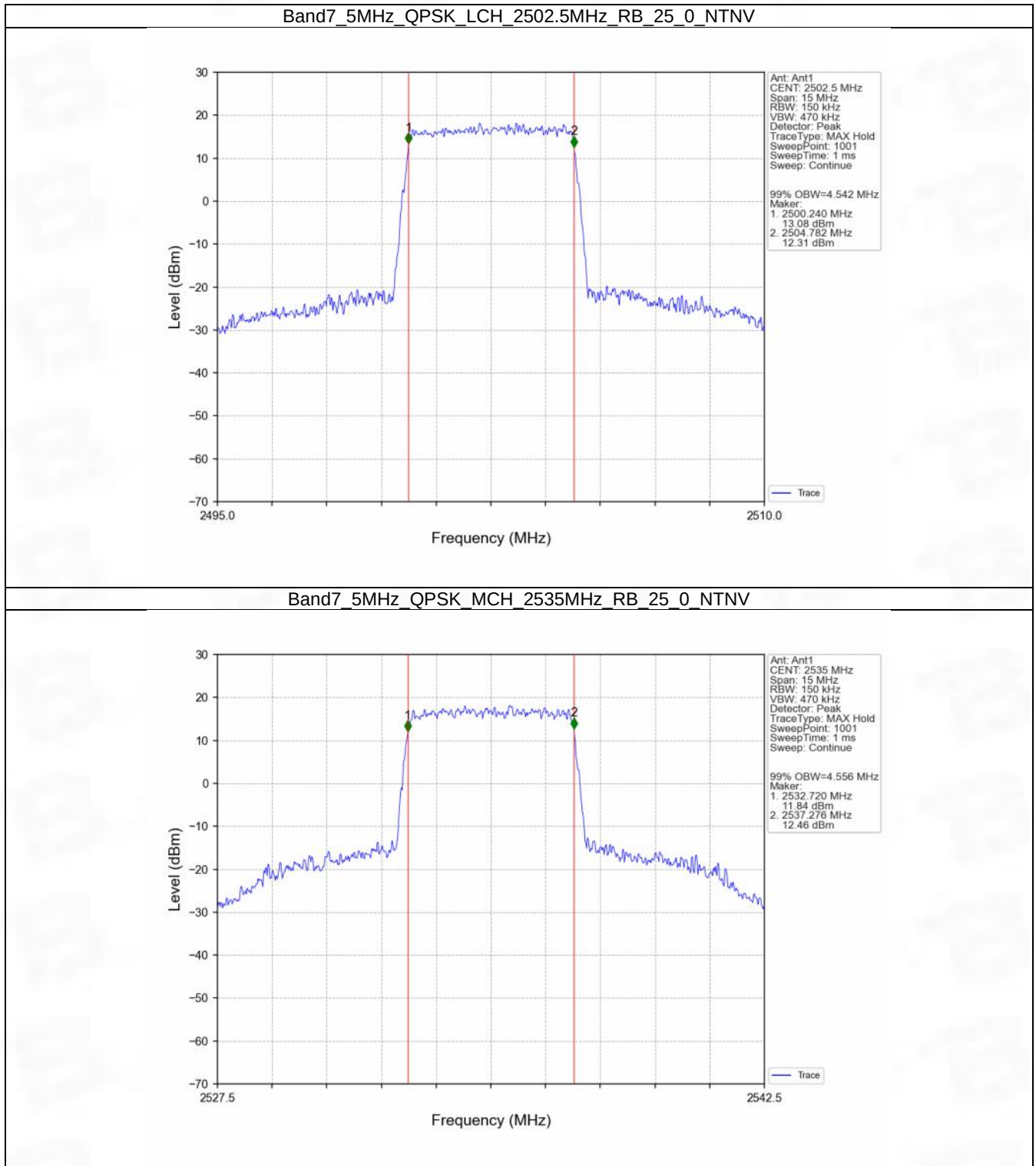
4.1.2 Band7_XDB

Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.047	/	Pass
		2535	25	0	5.059	/	Pass
		2567.5	25	0	5.061	/	Pass
	16QAM	2502.5	25	0	5.078	/	Pass
		2535	25	0	5.069	/	Pass
		2567.5	25	0	5.049	/	Pass
10	QPSK	2505	50	0	10.054	/	Pass
		2535	50	0	10.106	/	Pass
		2565	50	0	10.046	/	Pass
	16QAM	2505	50	0	10.074	/	Pass
		2535	50	0	10.029	/	Pass
		2565	50	0	10.078	/	Pass
15	QPSK	2507.5	75	0	15.138	/	Pass
		2535	75	0	15.140	/	Pass
		2562.5	75	0	15.255	/	Pass
	16QAM	2507.5	75	0	15.134	/	Pass

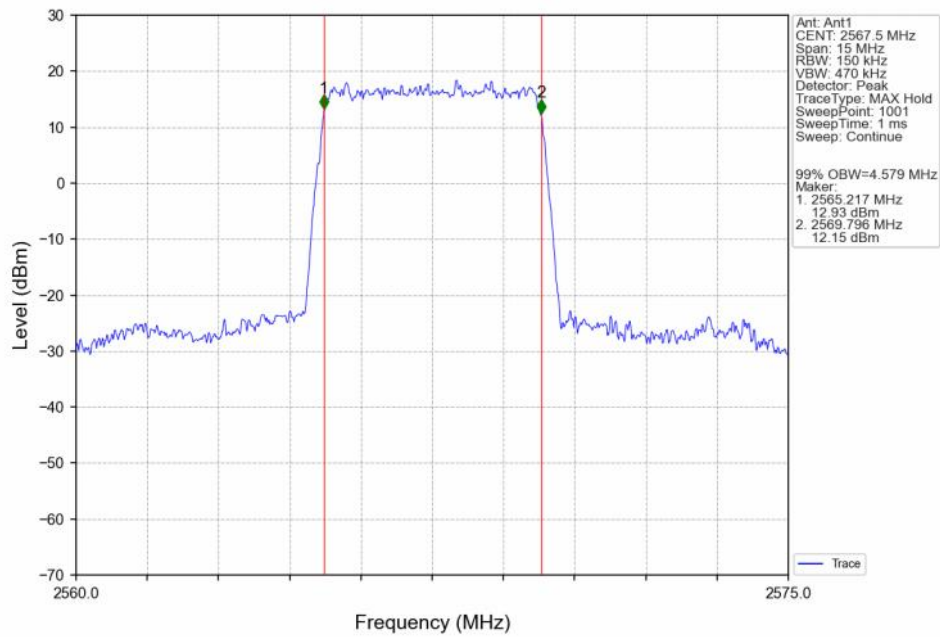
20		2535	75	0	15.119	/	Pass
		2562.5	75	0	15.213	/	Pass
	QPSK	2510	100	0	19.987	/	Pass
		2535	100	0	20.148	/	Pass
		2560	100	0	20.038	/	Pass
	16QAM	2510	100	0	19.916	/	Pass
		2535	100	0	20.137	/	Pass
		2560	100	0	20.059	/	Pass

4.2 Test Graph

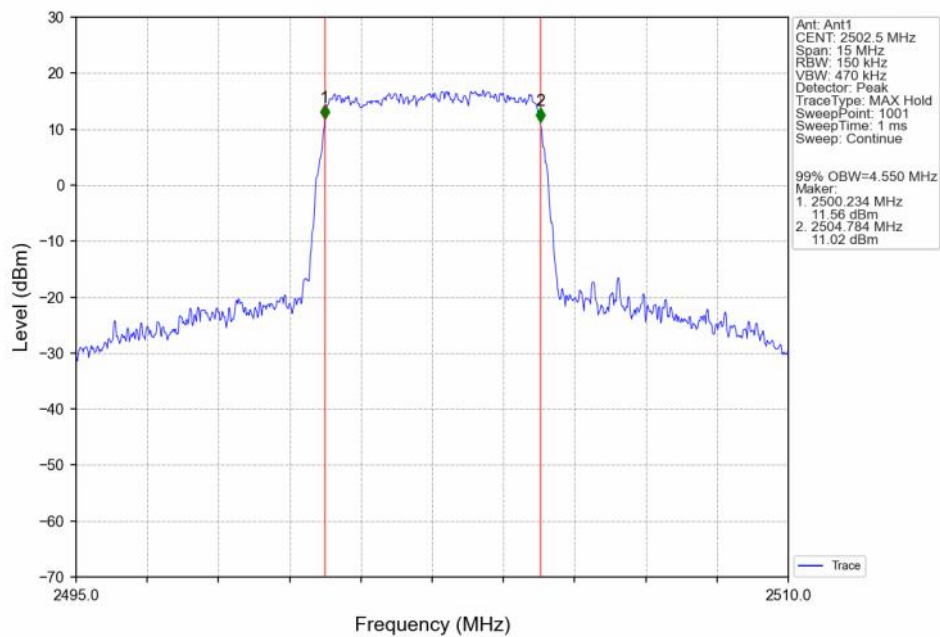
4.2.1 Band7_OBW



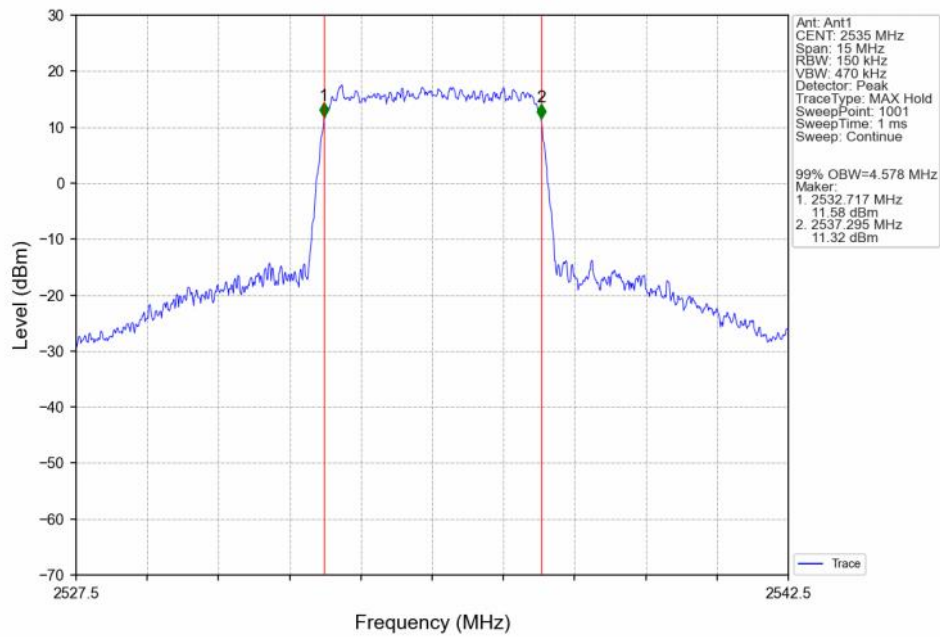
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



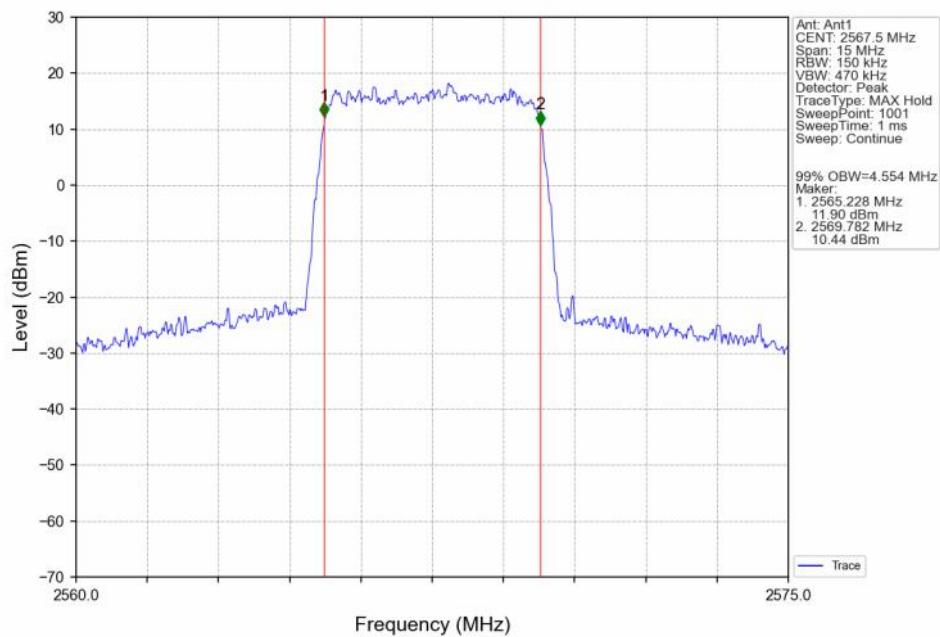
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



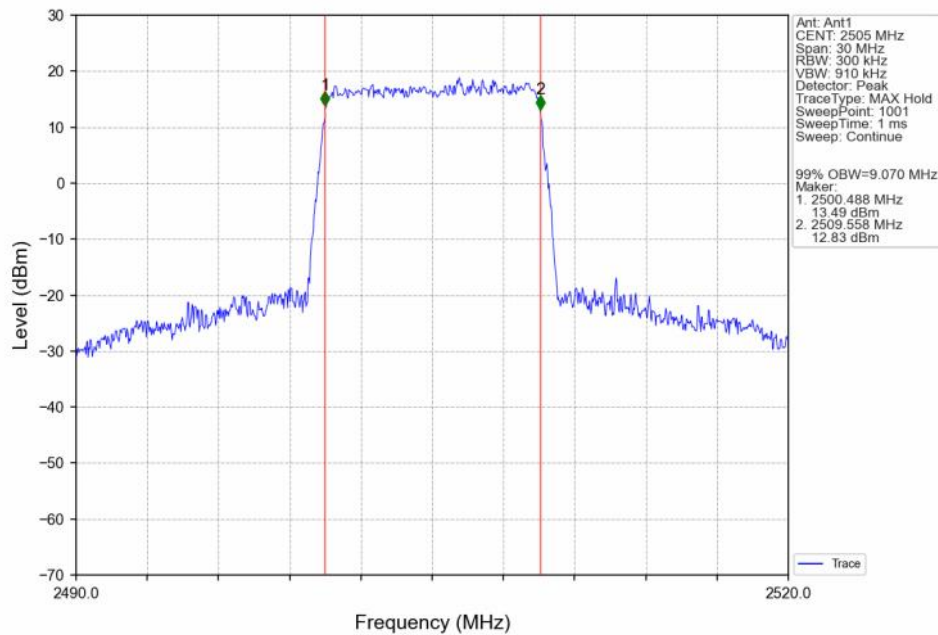
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



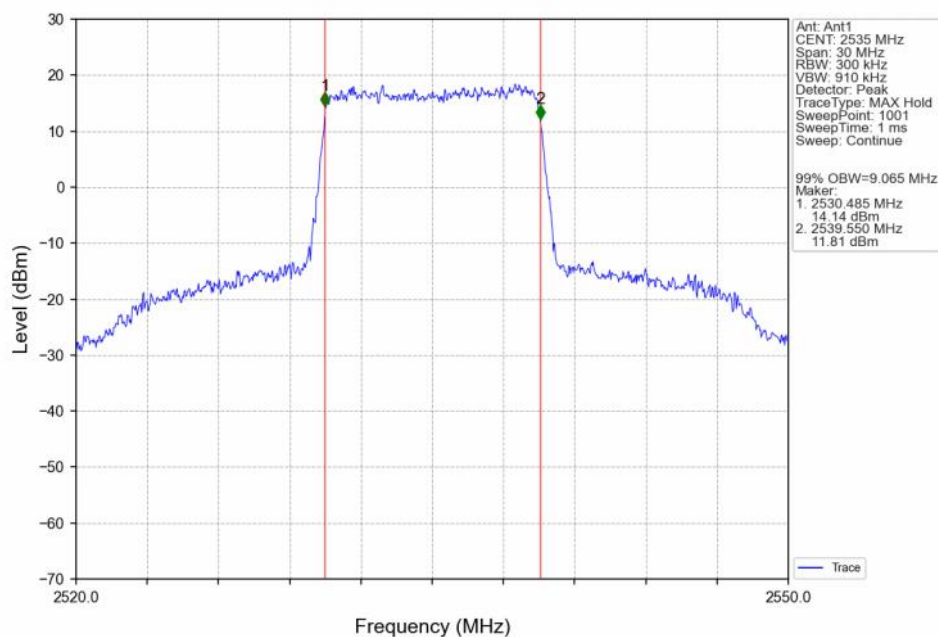
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



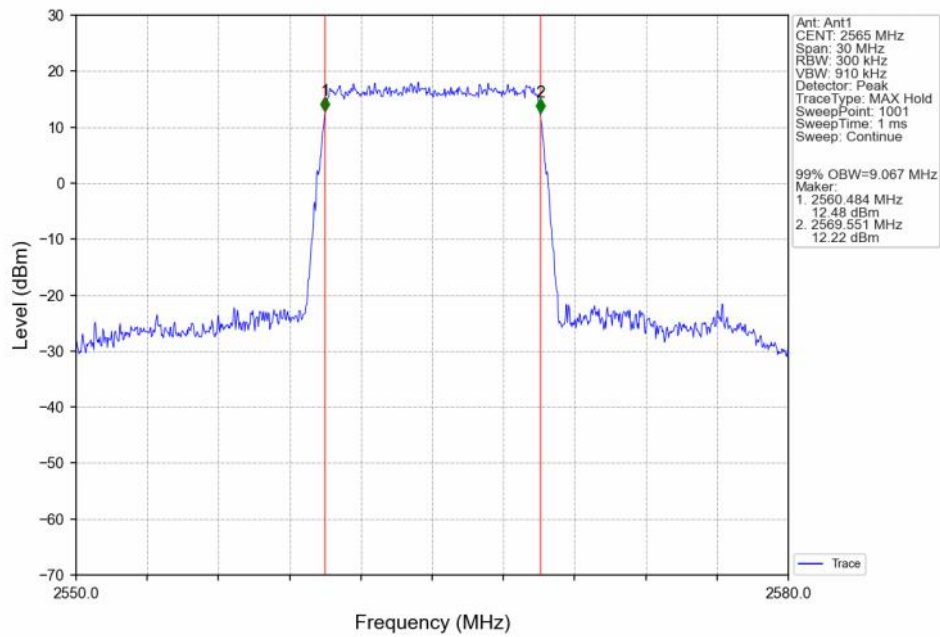
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



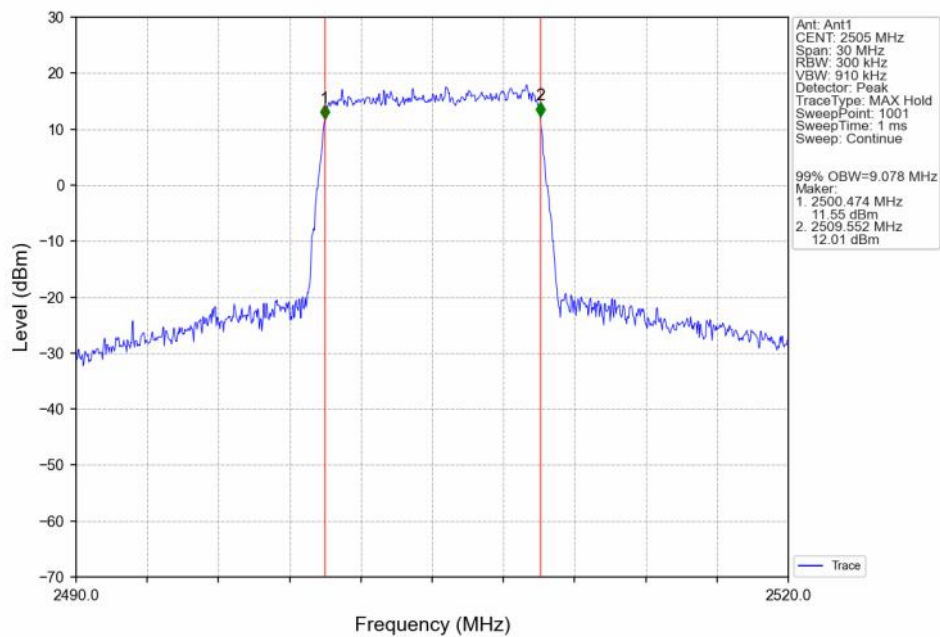
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



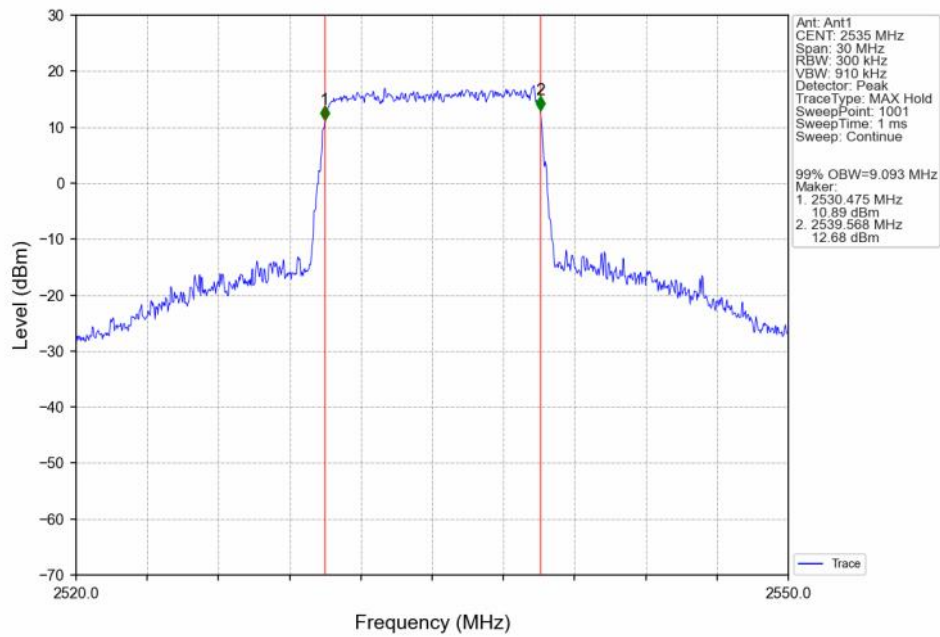
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



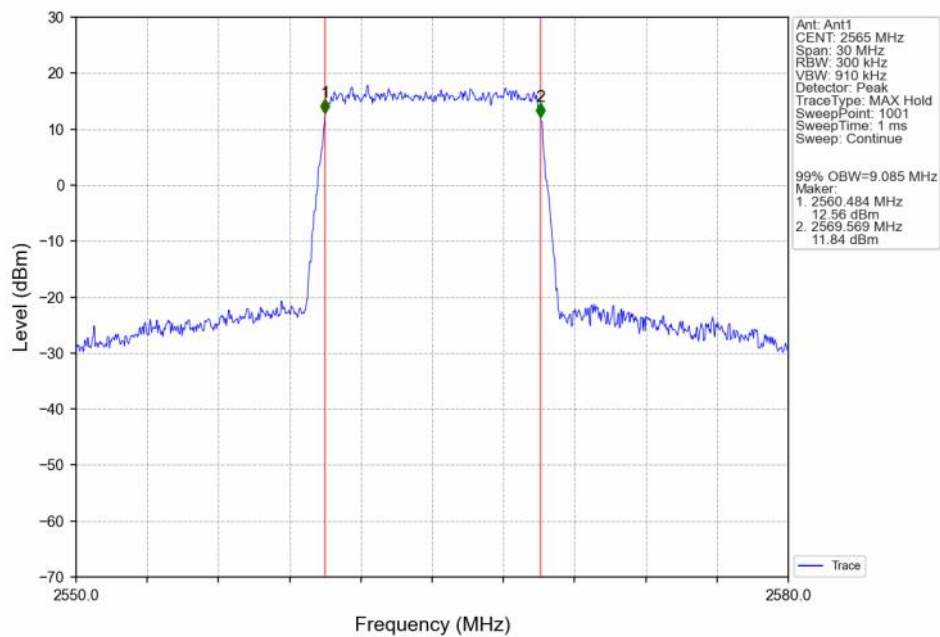
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



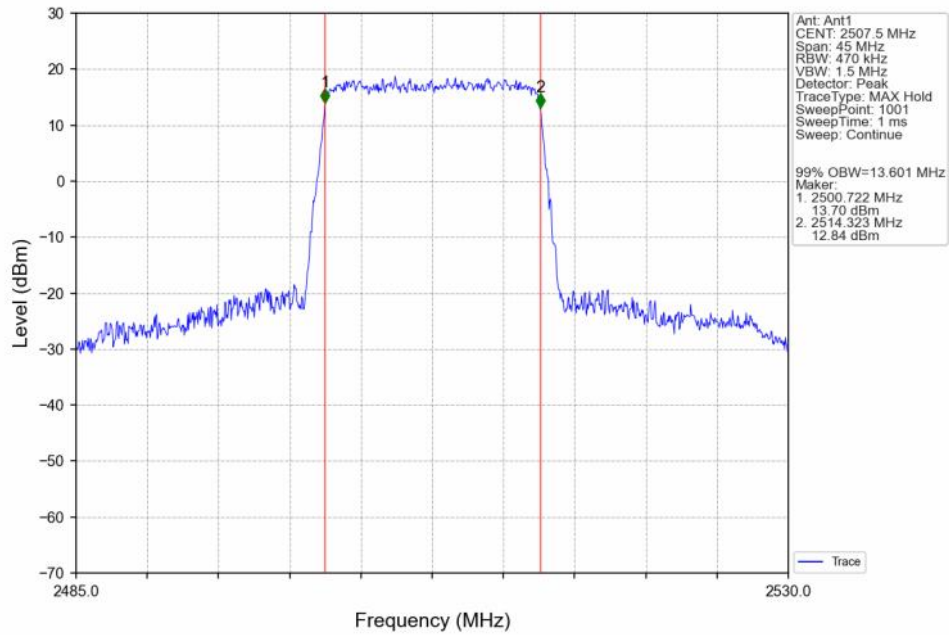
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



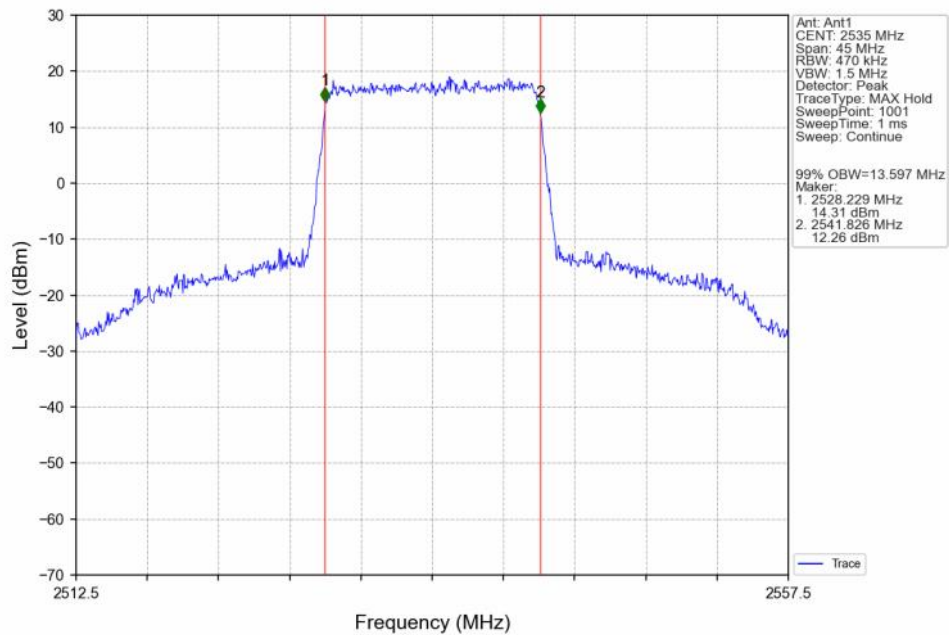
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



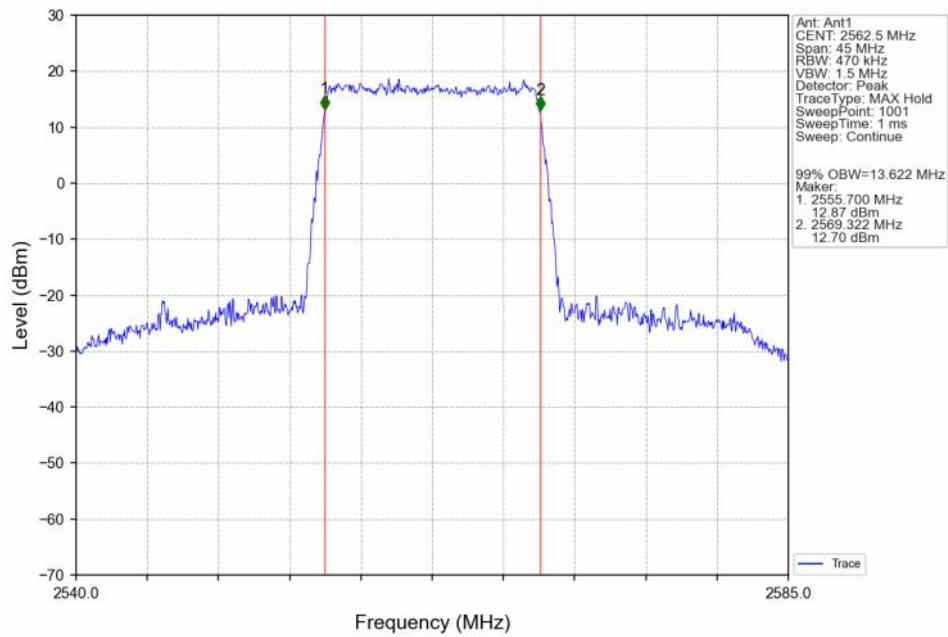
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



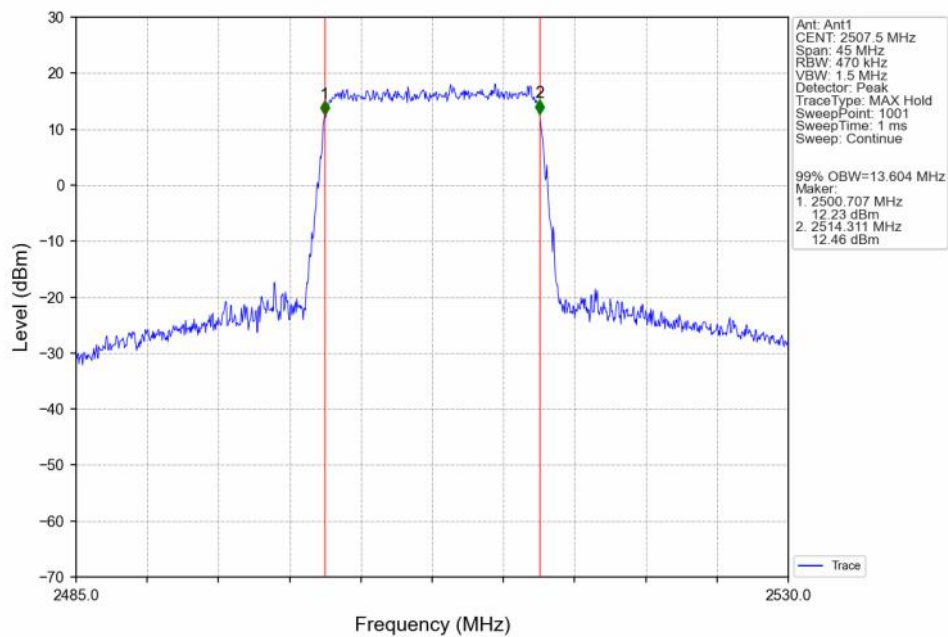
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



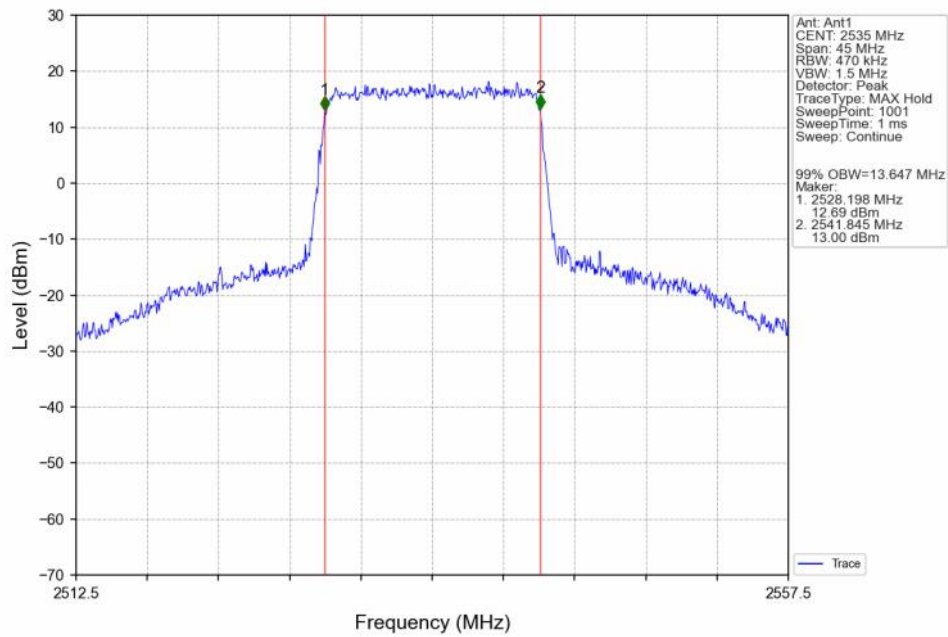
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



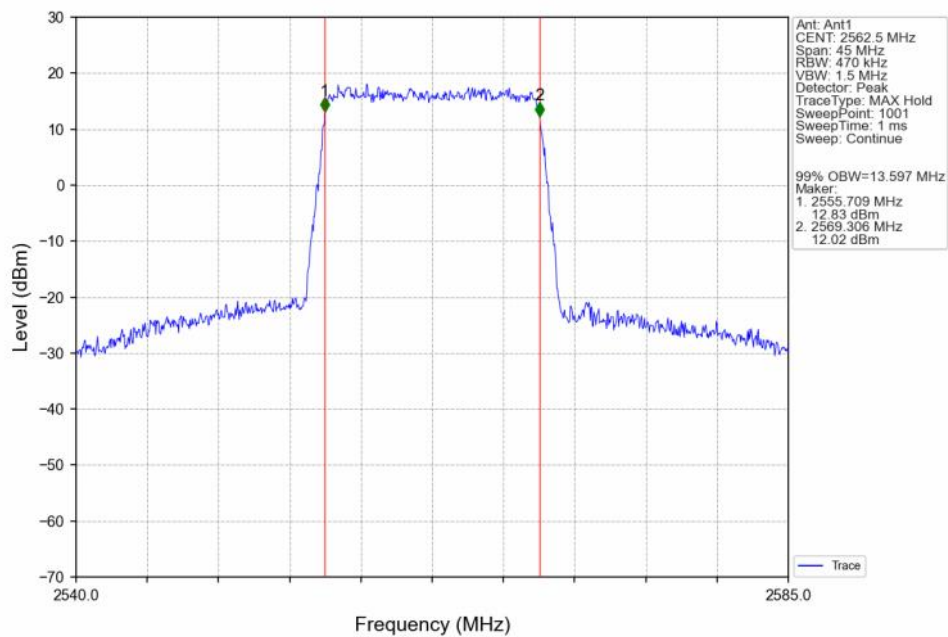
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



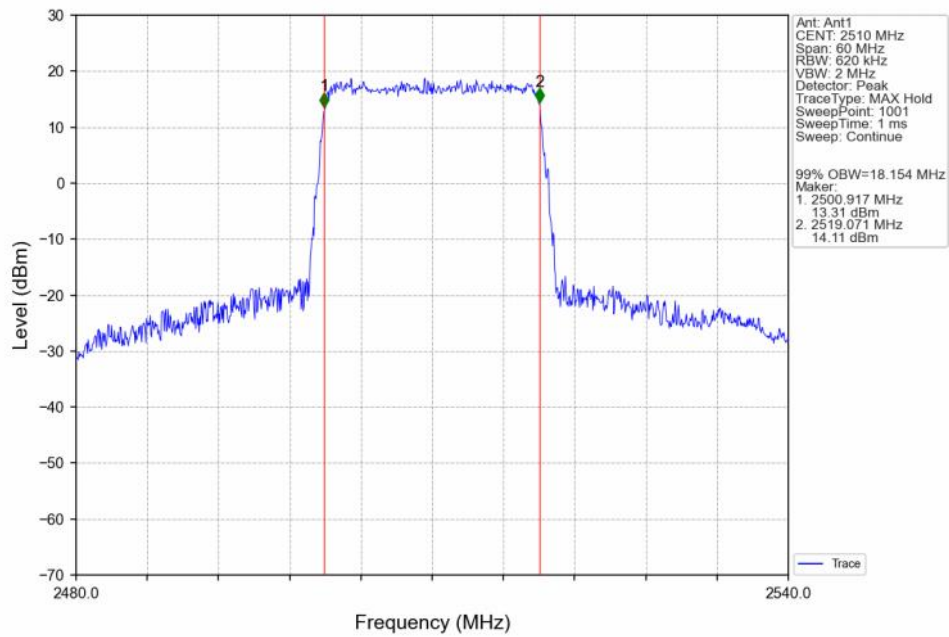
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



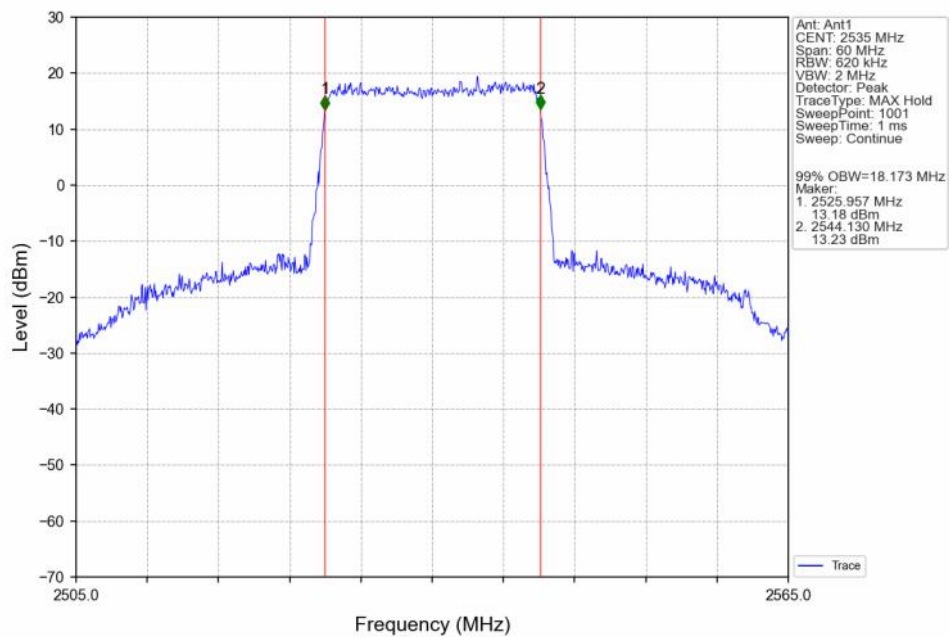
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



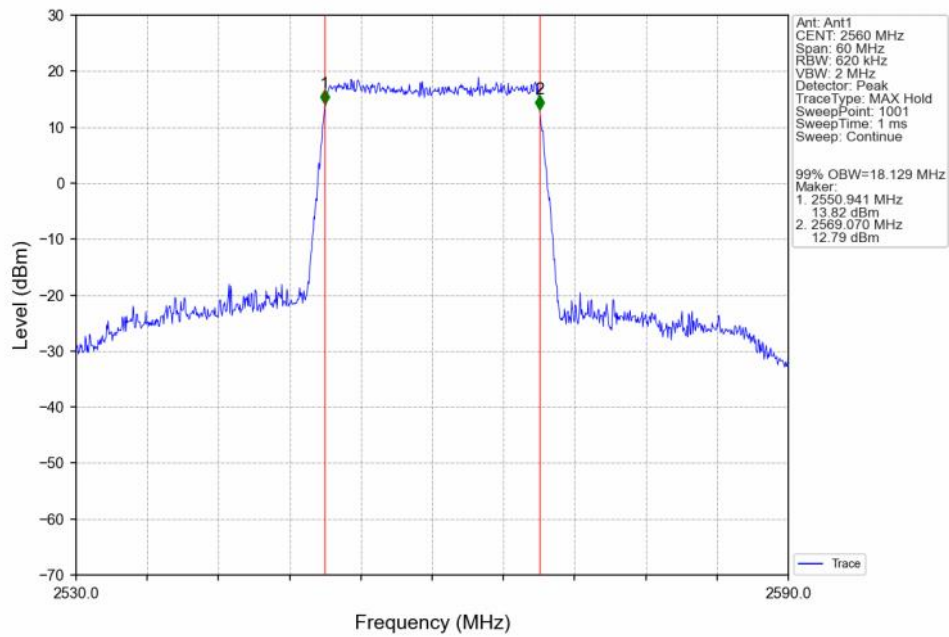
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



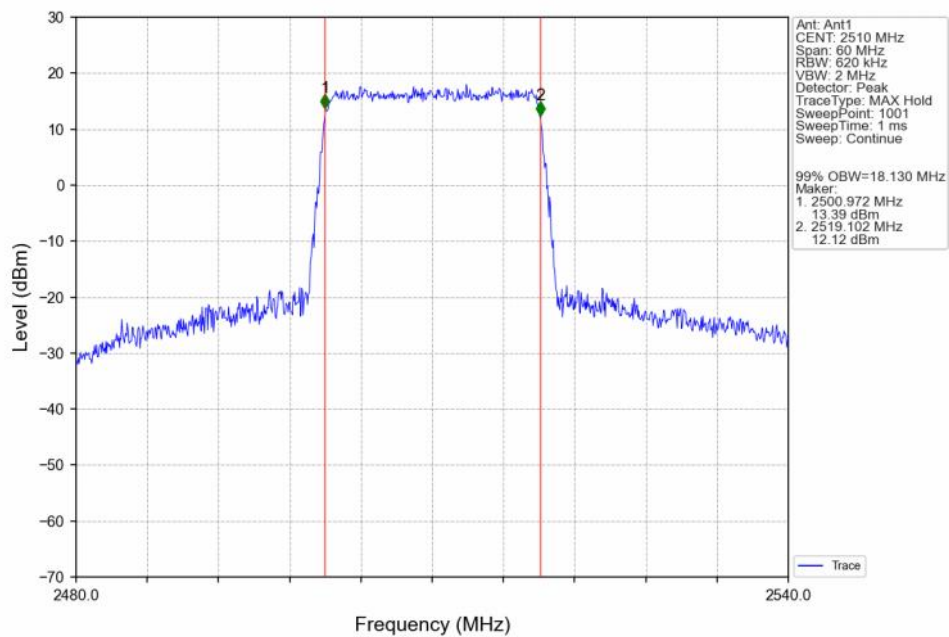
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



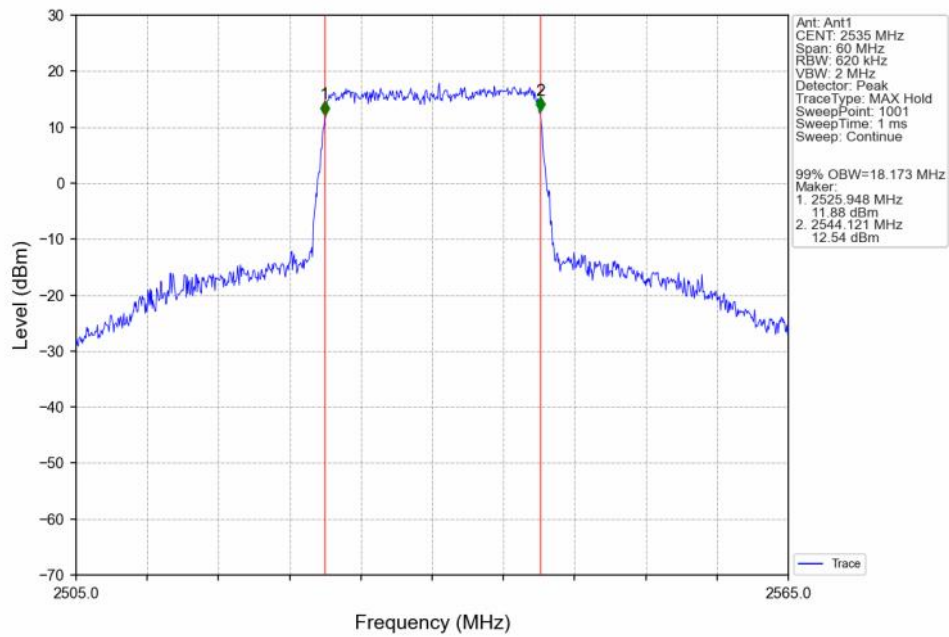
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



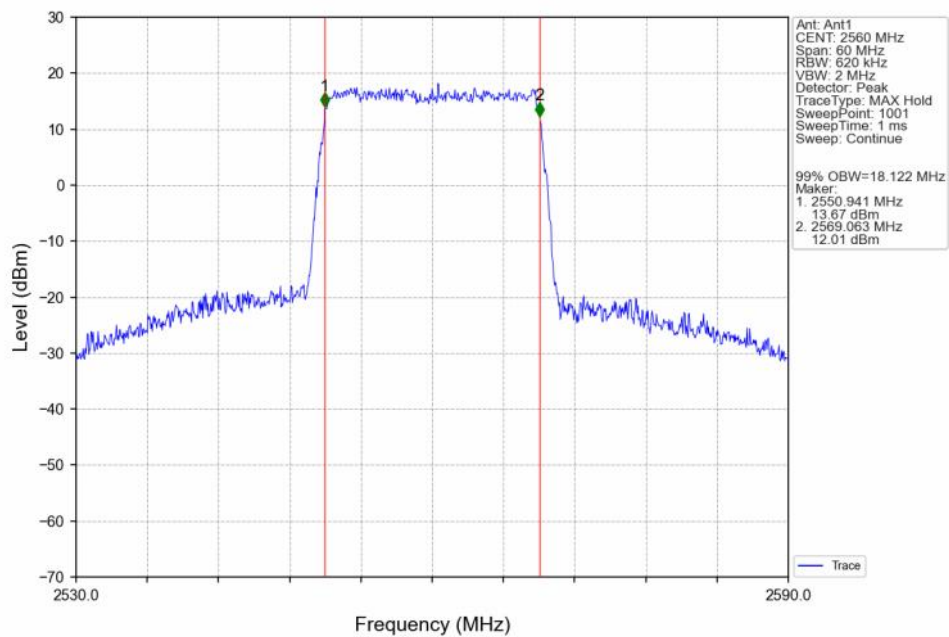
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



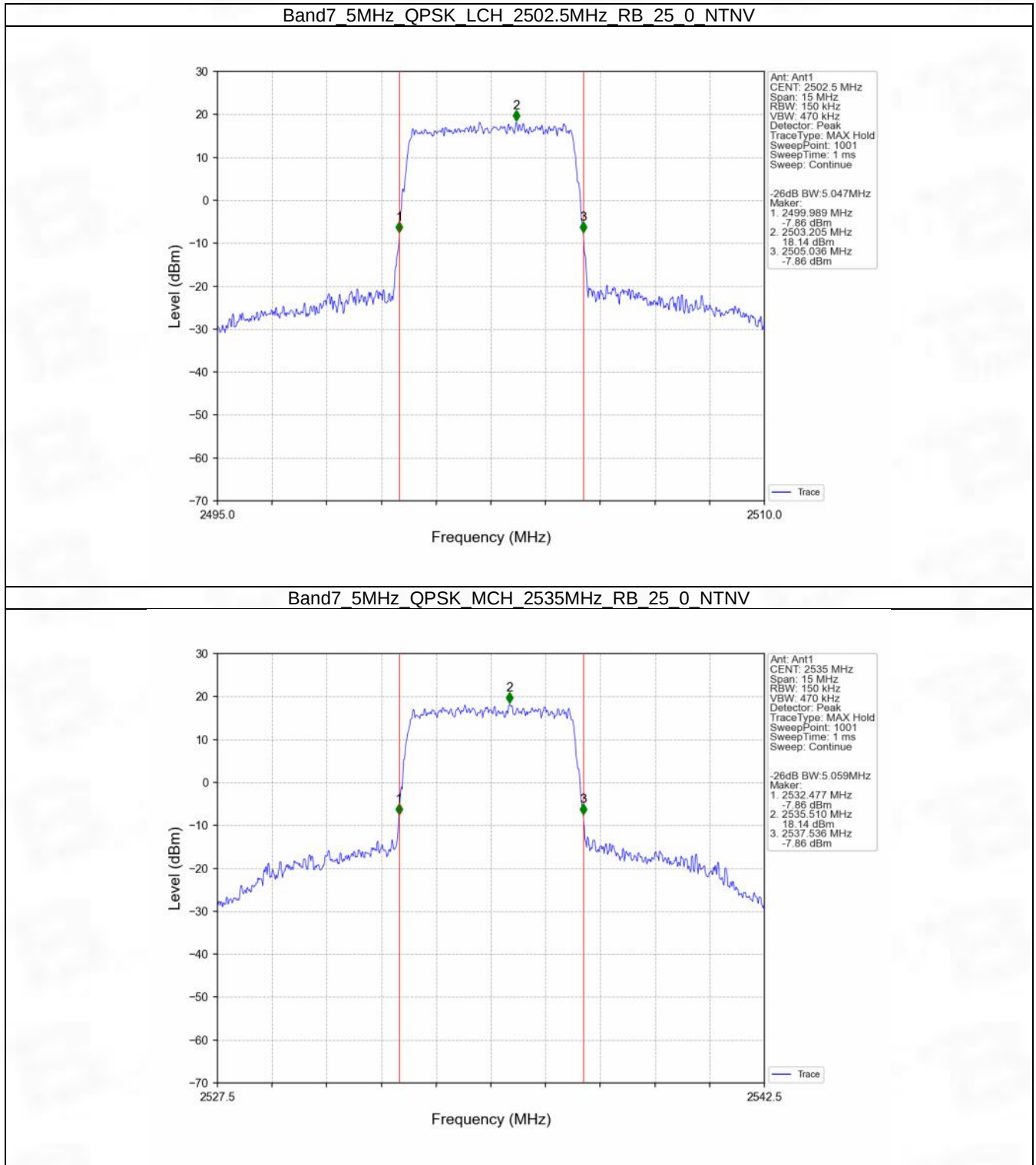
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



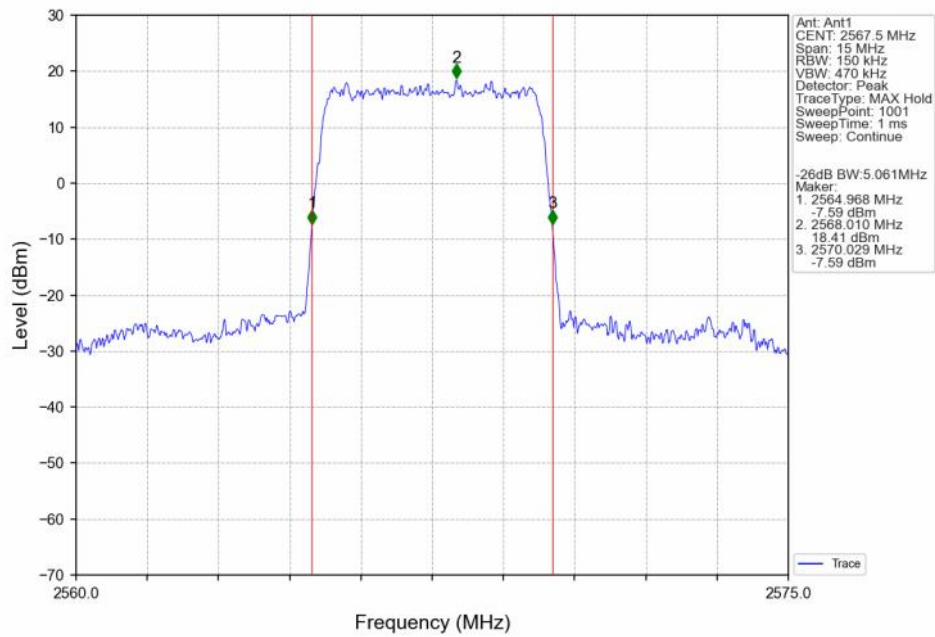
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



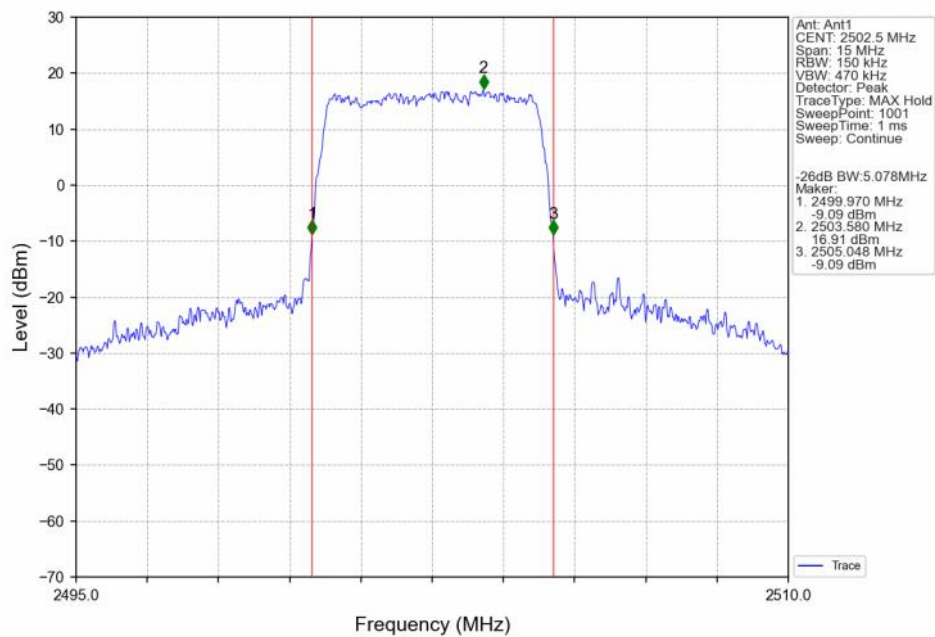
4.2.2 Band7_XDB



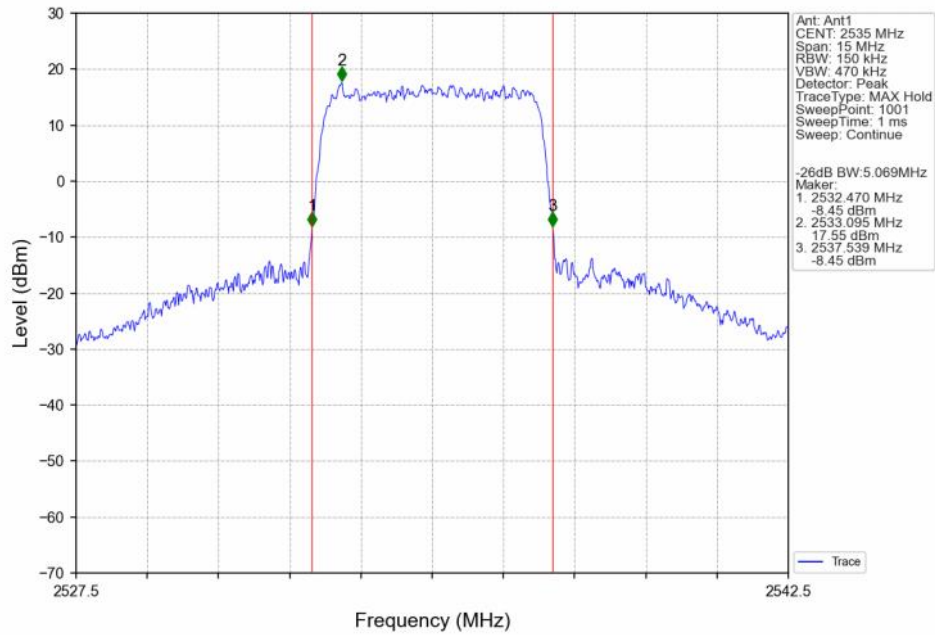
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



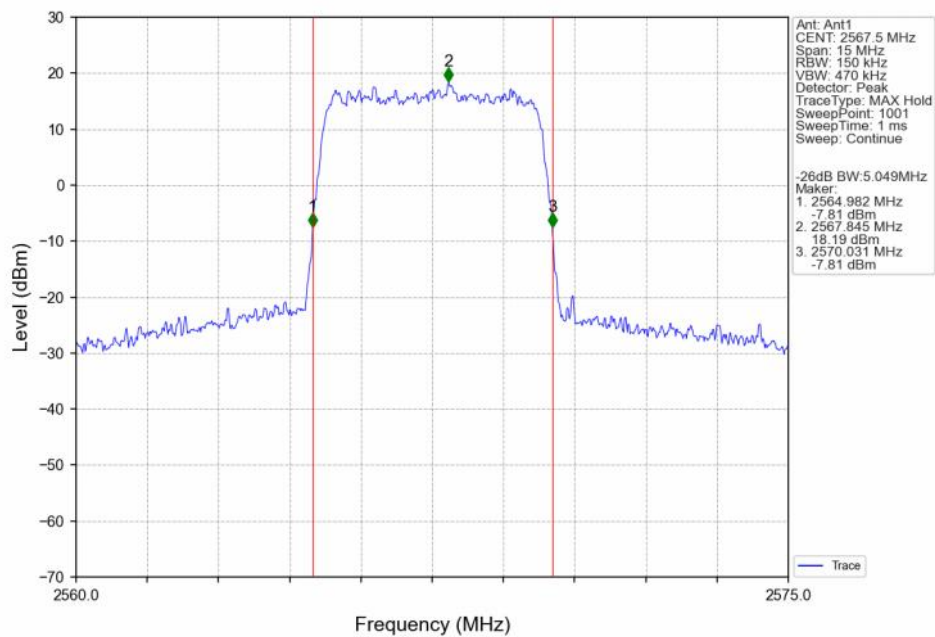
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



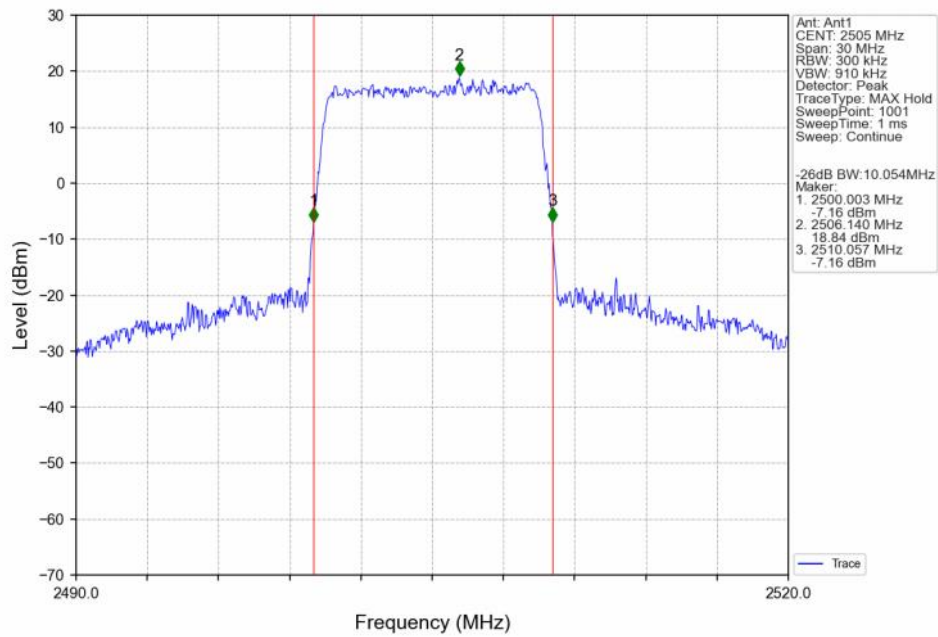
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



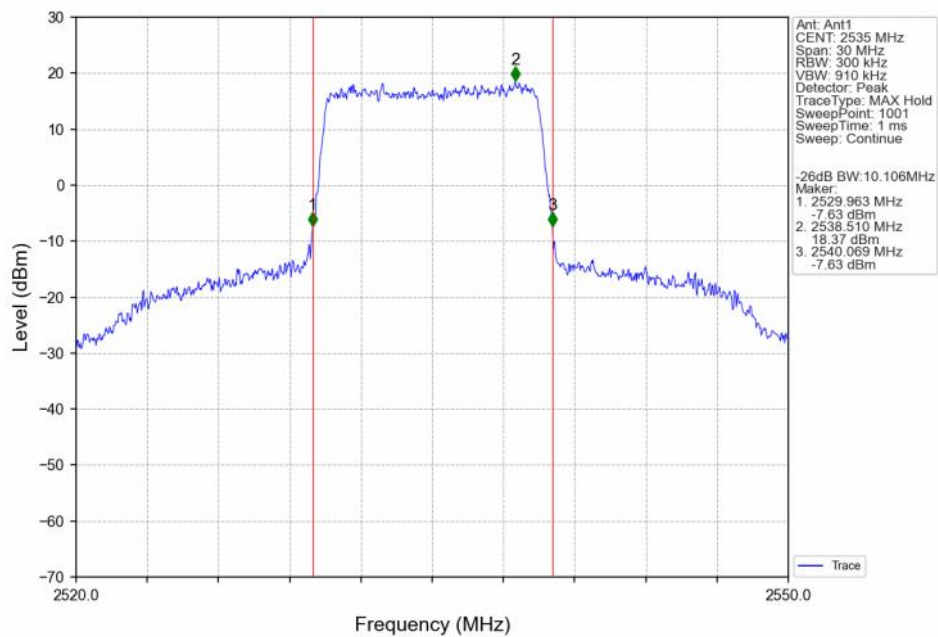
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



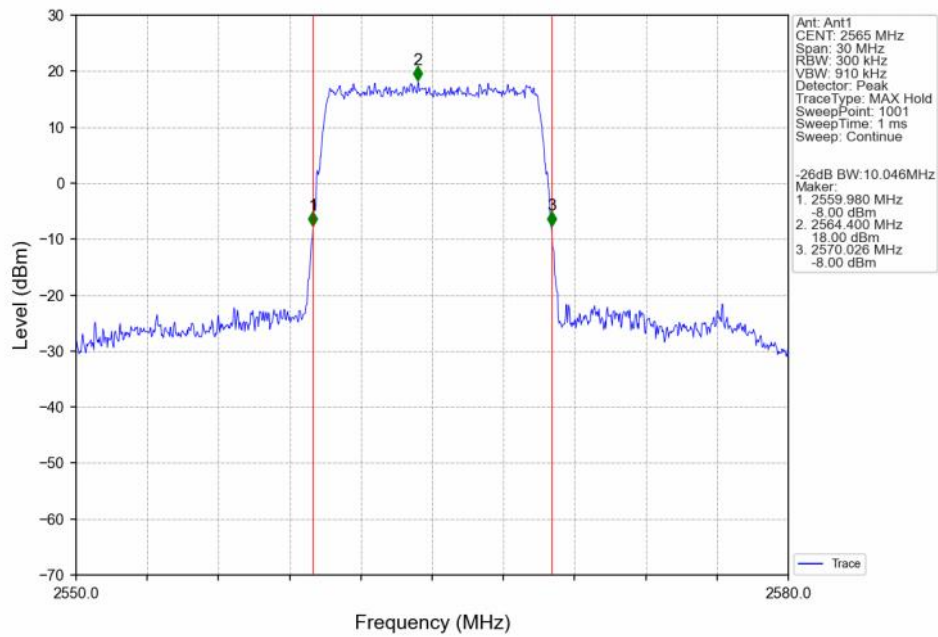
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



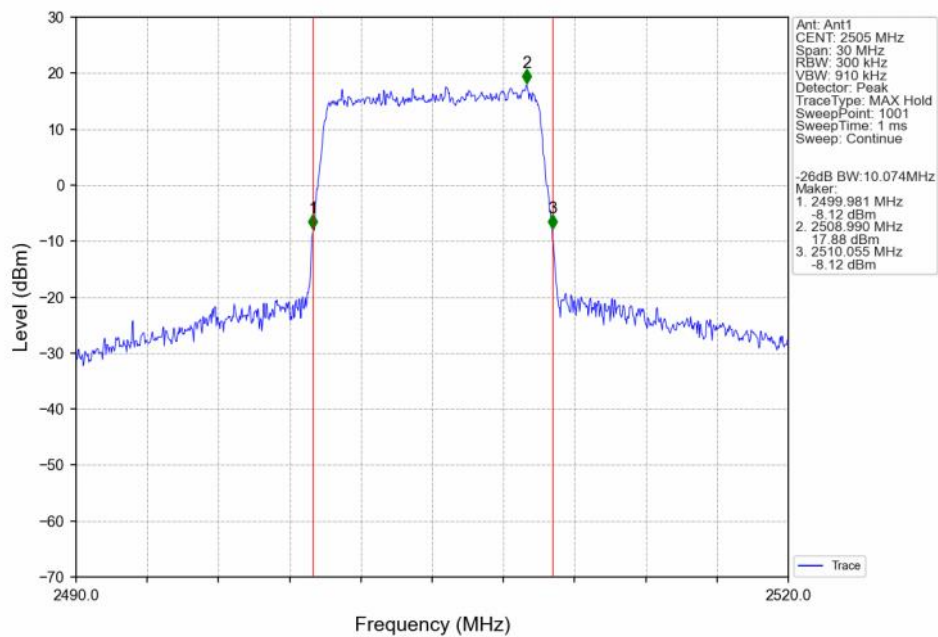
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



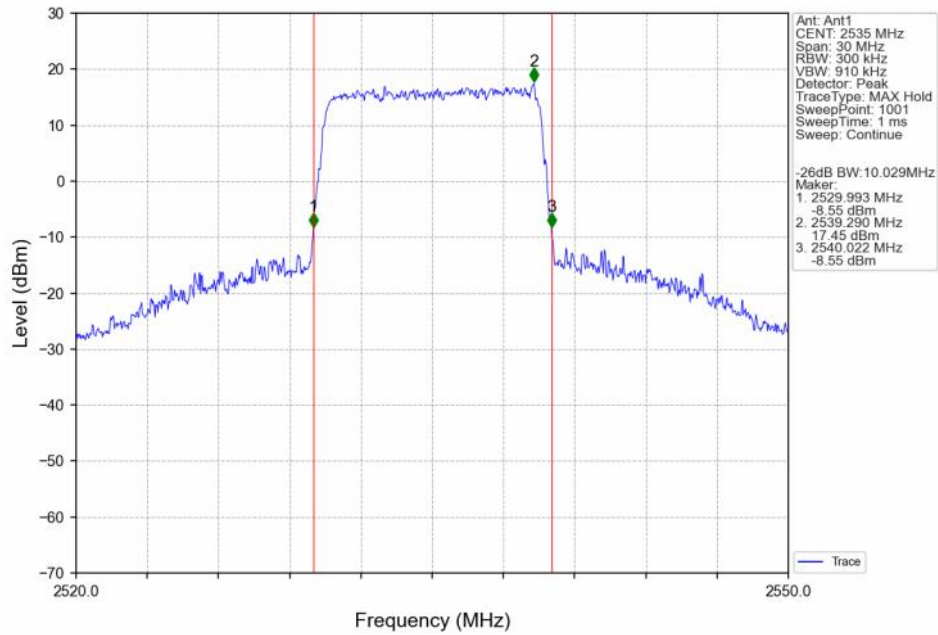
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



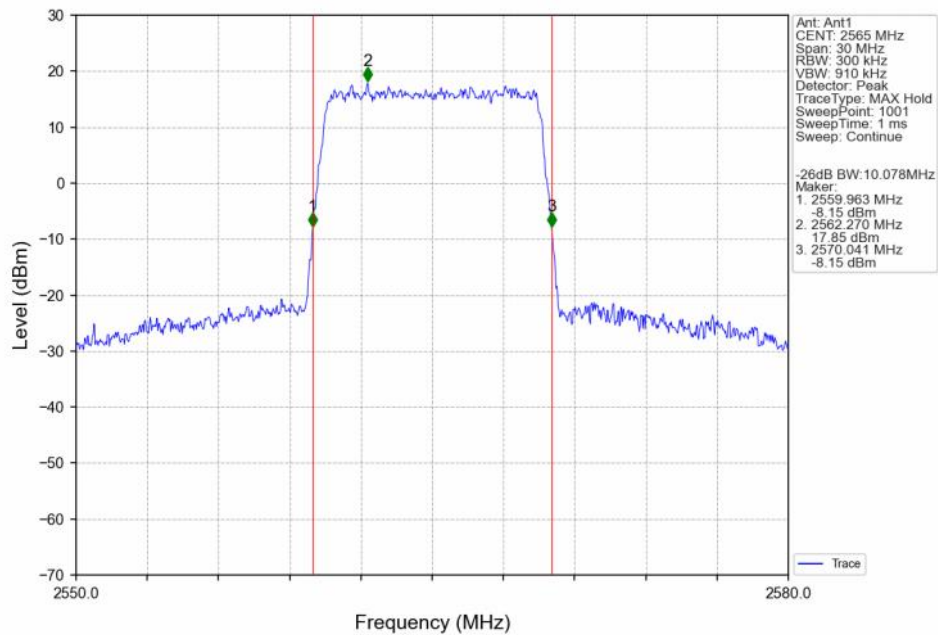
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



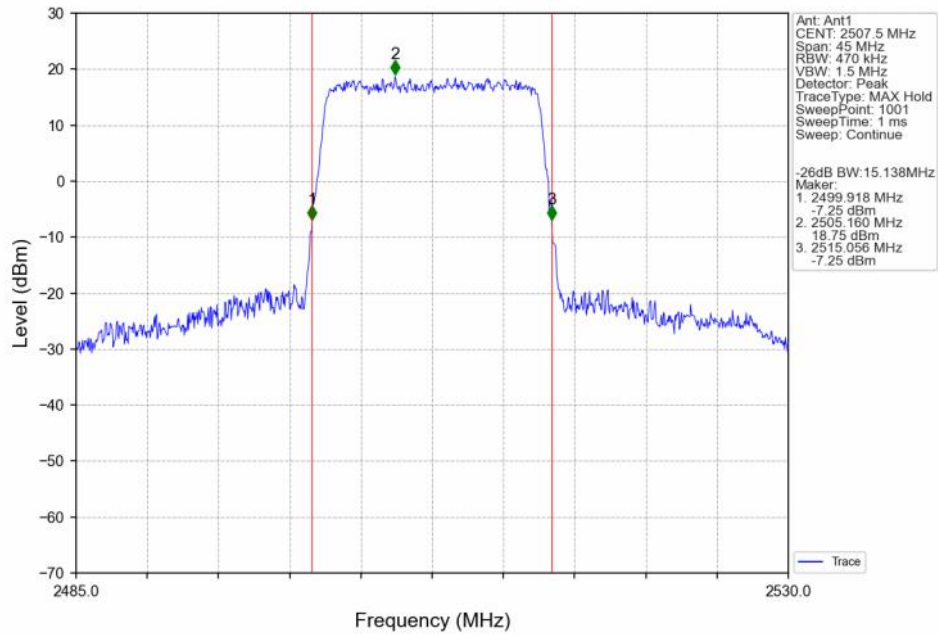
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



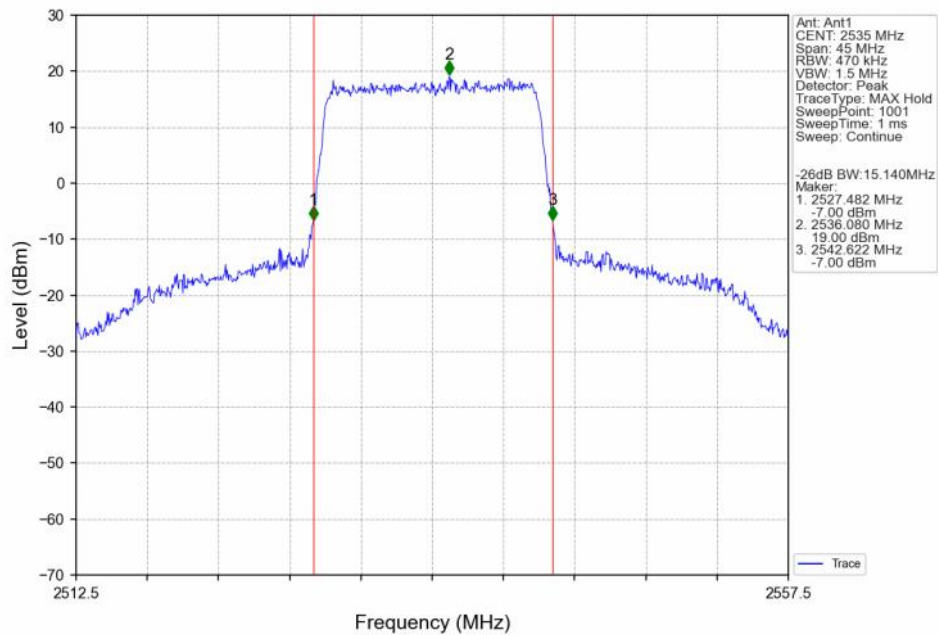
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



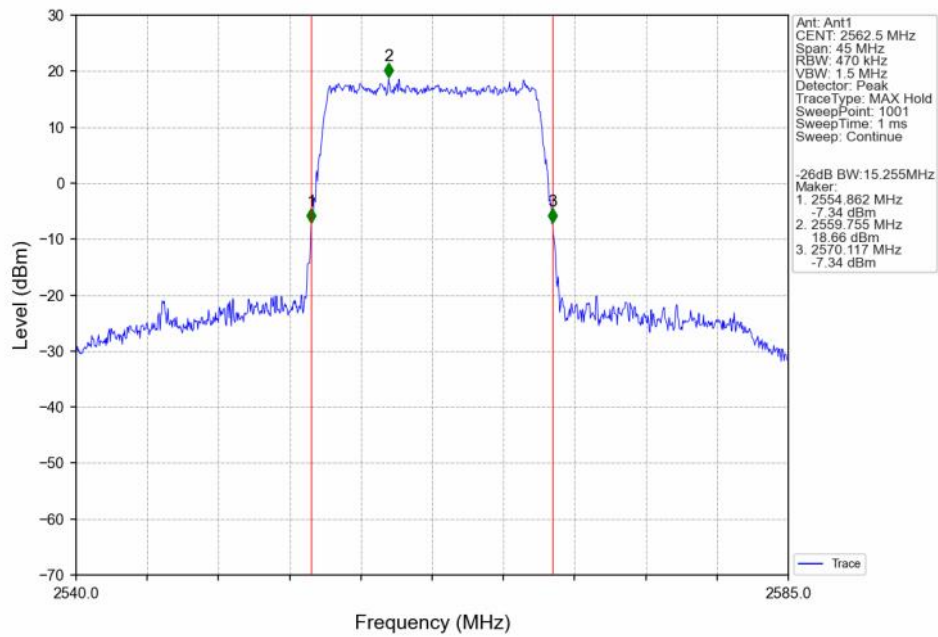
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



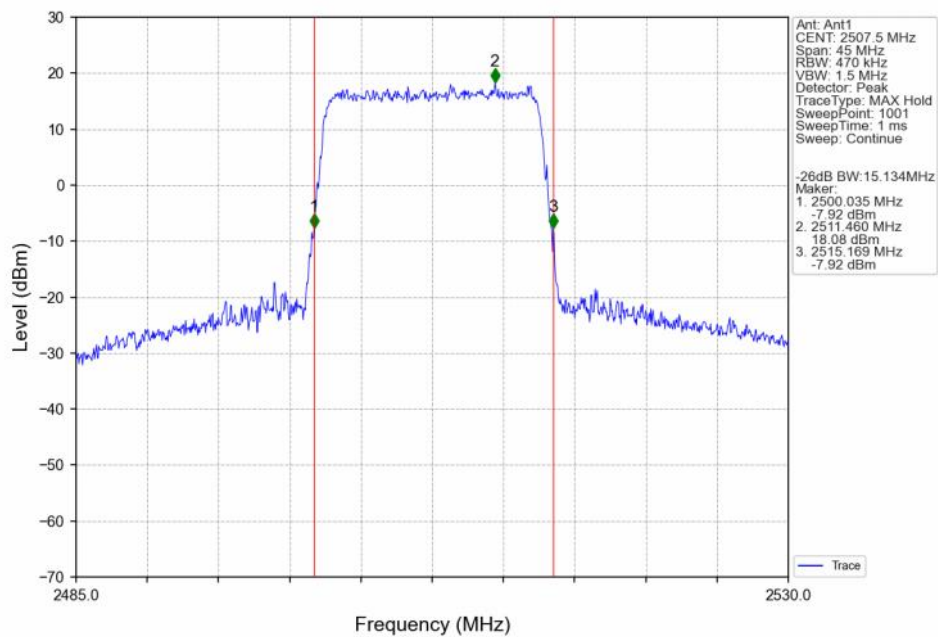
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



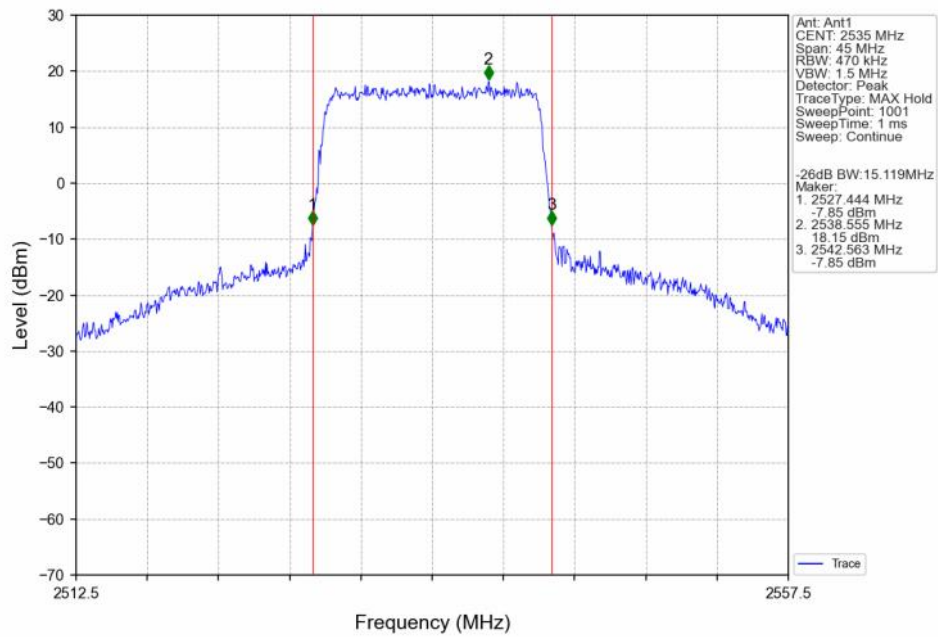
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



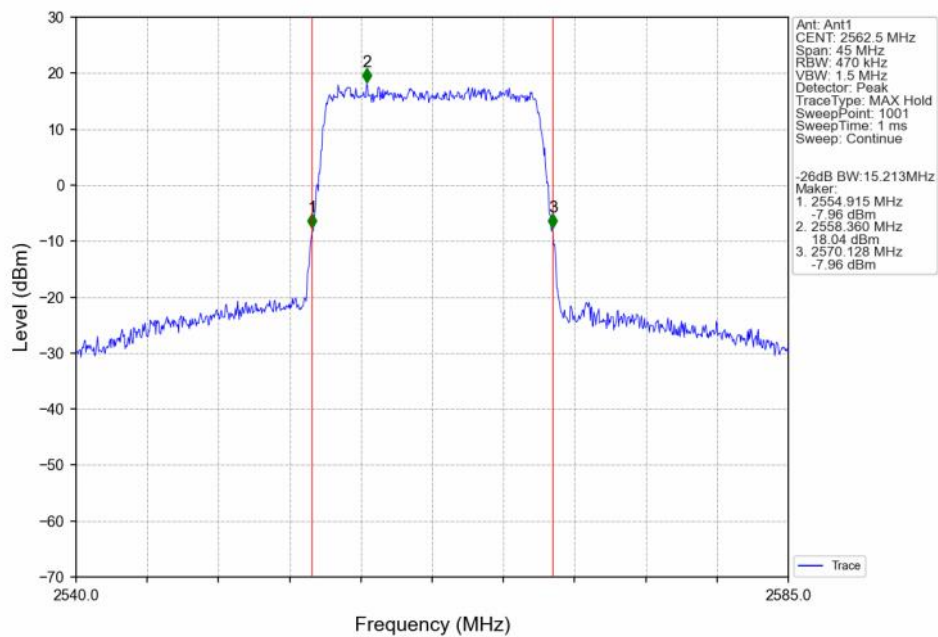
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



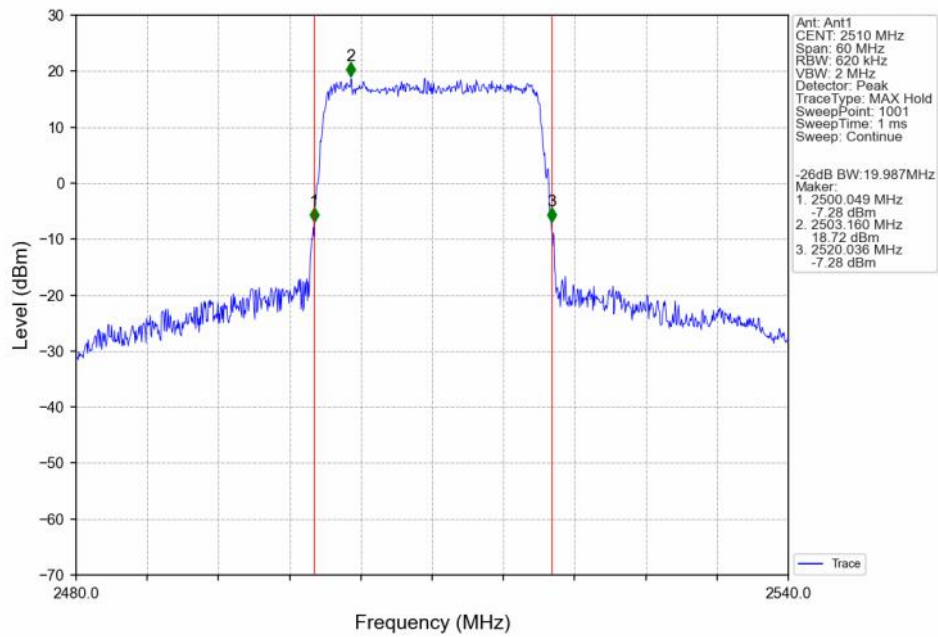
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



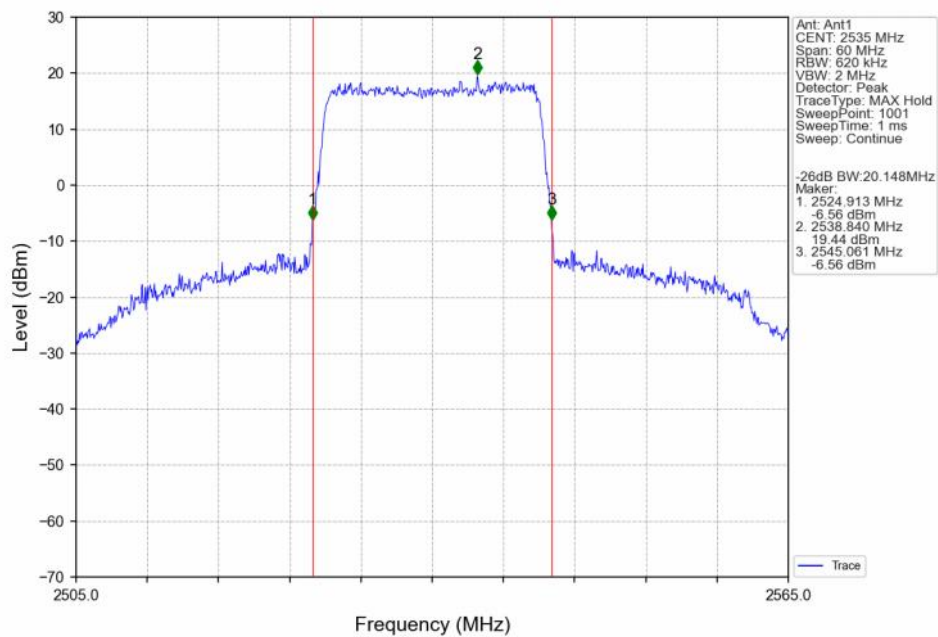
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



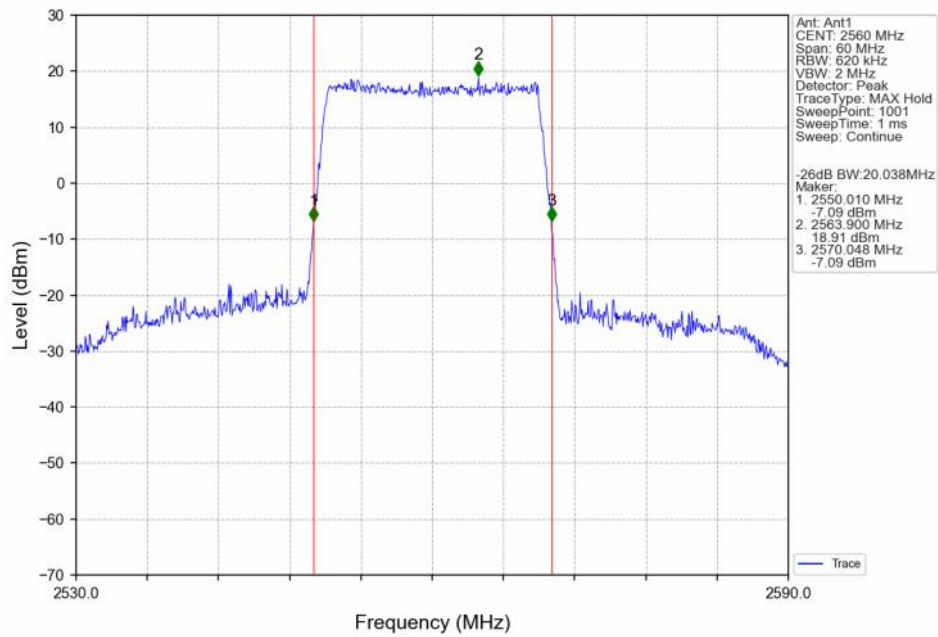
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



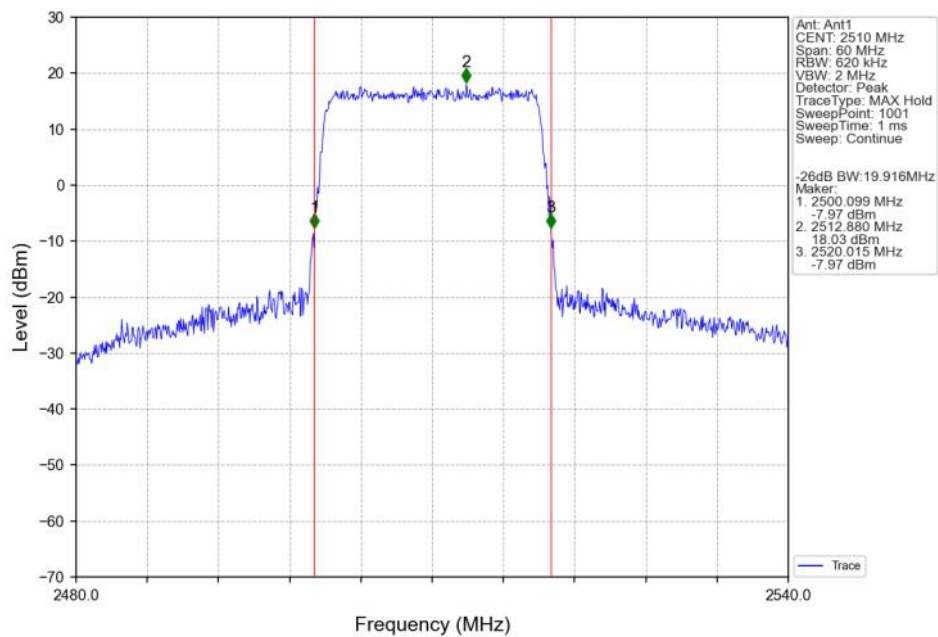
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



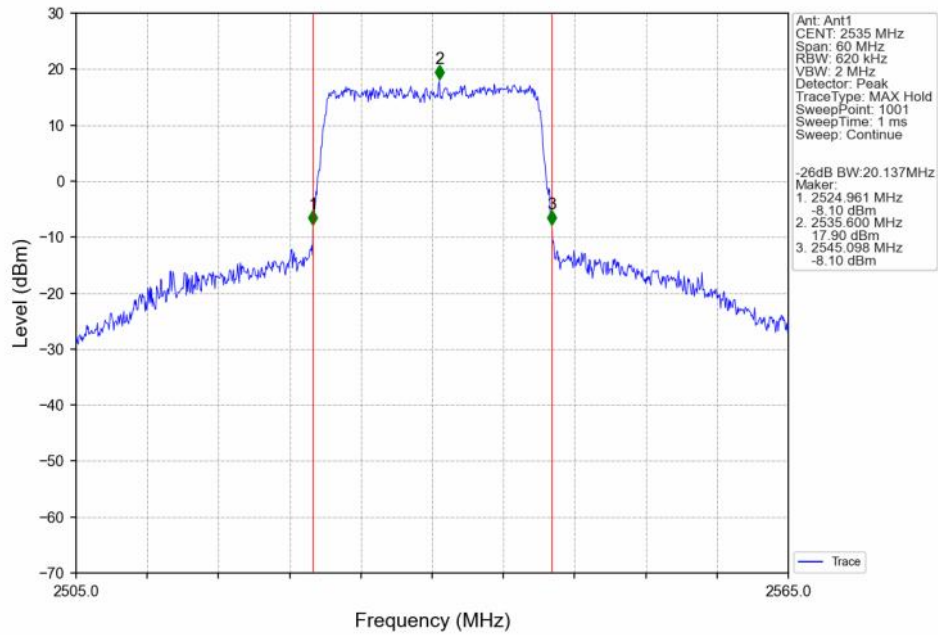
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



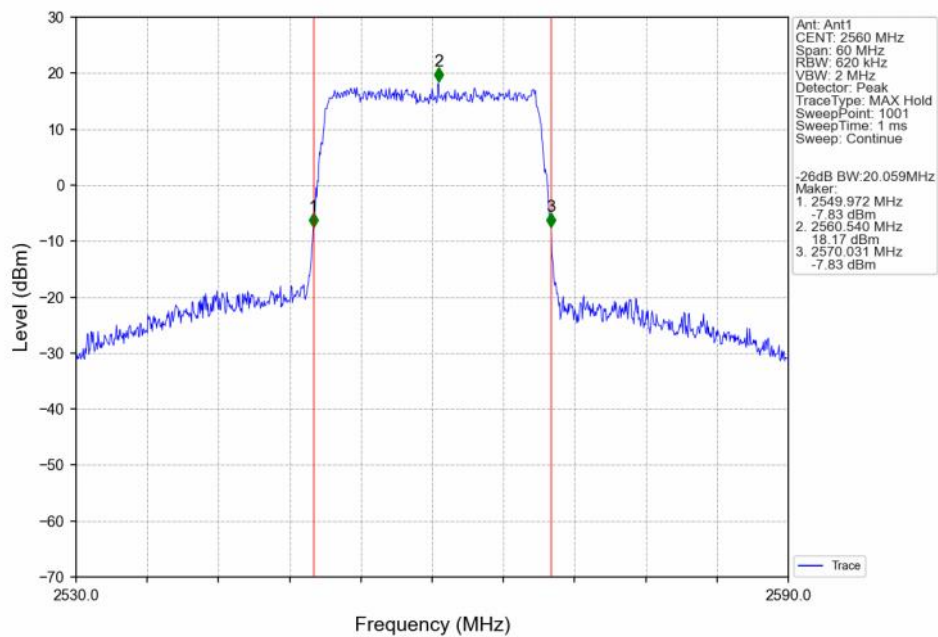
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	5.34	<=13	Pass
	2535	25	0	4.59	<=13	Pass
	2567.5	25	0	5.60	<=13	Pass
16QAM	2502.5	25	0	6.06	<=13	Pass
	2535	25	0	5.40	<=13	Pass
	2567.5	25	0	6.40	<=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	5.42	<=13	Pass
	2535	50	0	4.72	<=13	Pass
	2565	50	0	5.65	<=13	Pass
16QAM	2505	50	0	6.24	<=13	Pass
	2535	50	0	5.50	<=13	Pass
	2565	50	0	6.30	<=13	Pass

5.1.3 B7_15MHz

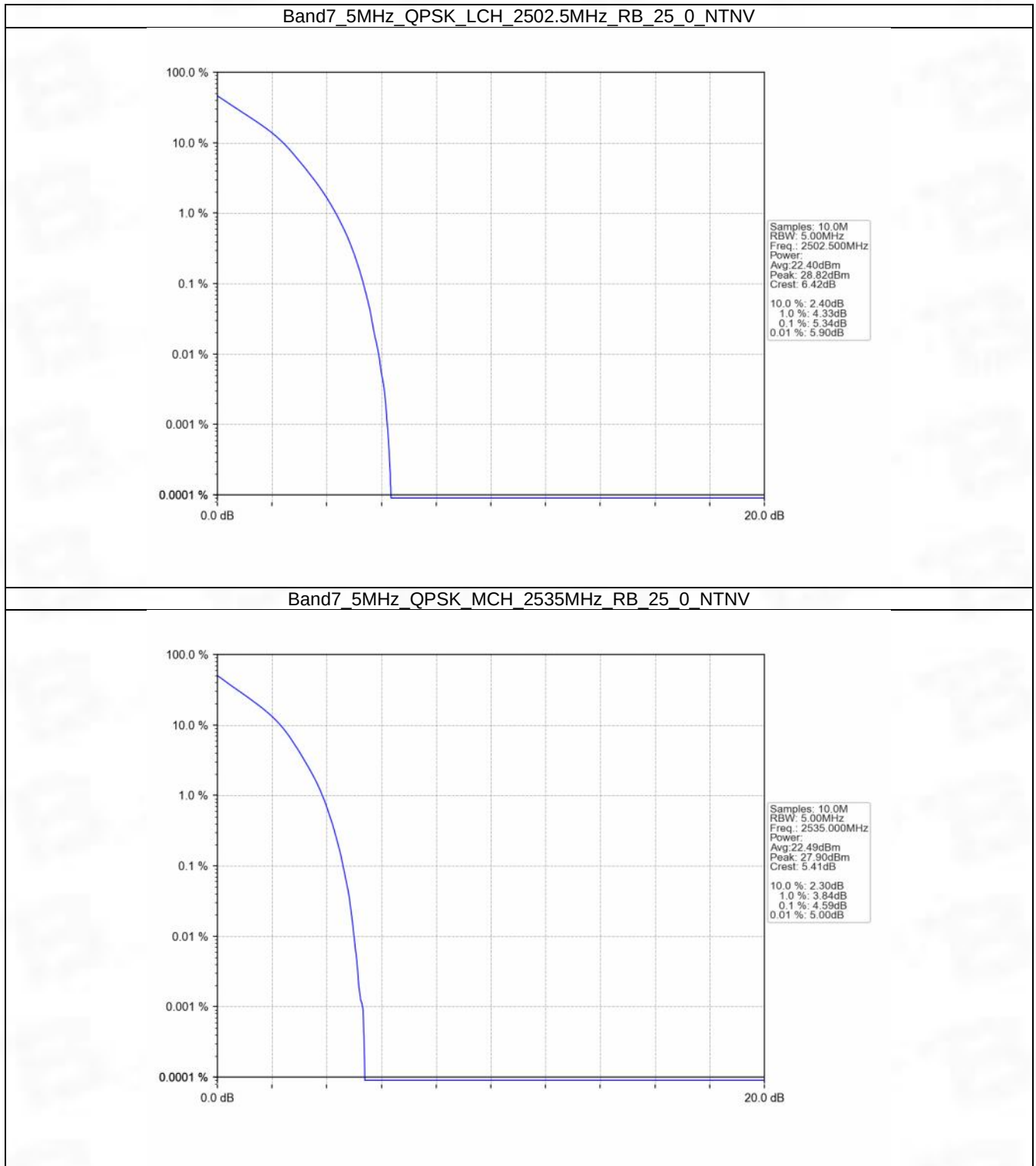
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	4.82	<=13	Pass
	2535	75	0	4.87	<=13	Pass
	2562.5	75	0	4.85	<=13	Pass
16QAM	2507.5	75	0	6.22	<=13	Pass
	2535	75	0	6.01	<=13	Pass
	2562.5	75	0	6.23	<=13	Pass

5.1.4 B7_20MHz

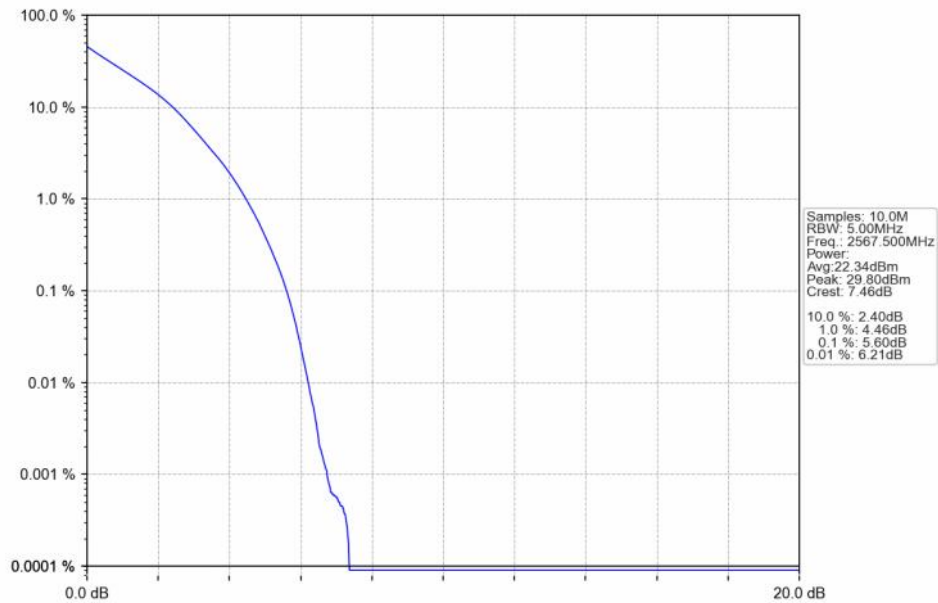
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	8.88	<=13	Pass
	2535	100	0	5.63	<=13	Pass
	2560	100	0	5.60	<=13	Pass
16QAM	2510	100	0	6.77	<=13	Pass
	2535	100	0	14.21	<=13	Fail
	2560	100	0	6.77	<=13	Pass

5.2 Test Graph

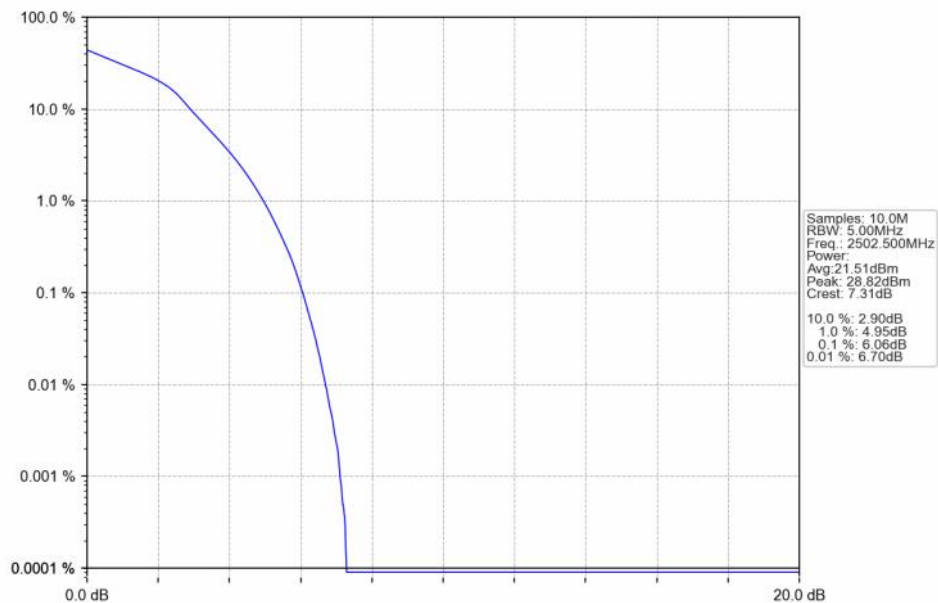
5.2.1 B7_5MHz



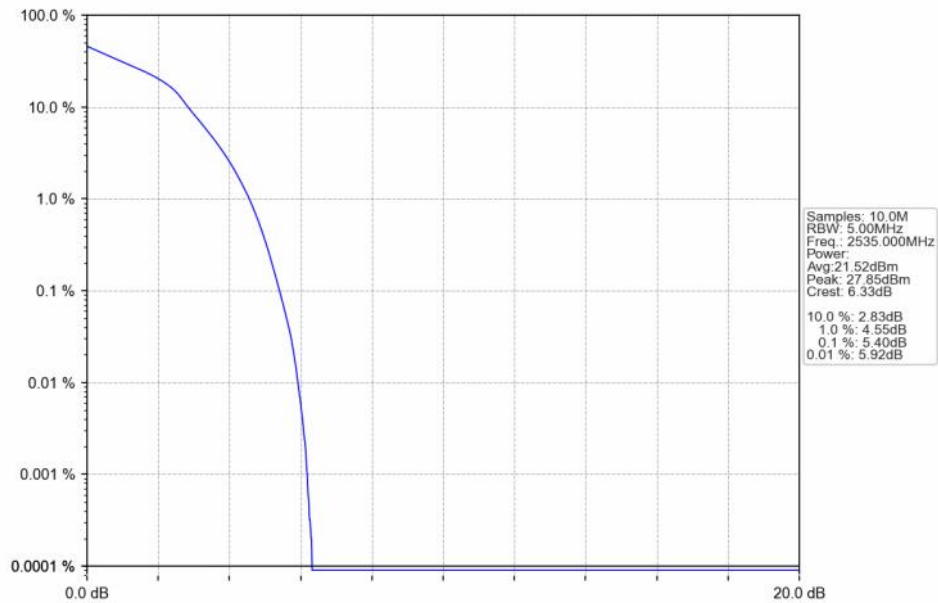
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



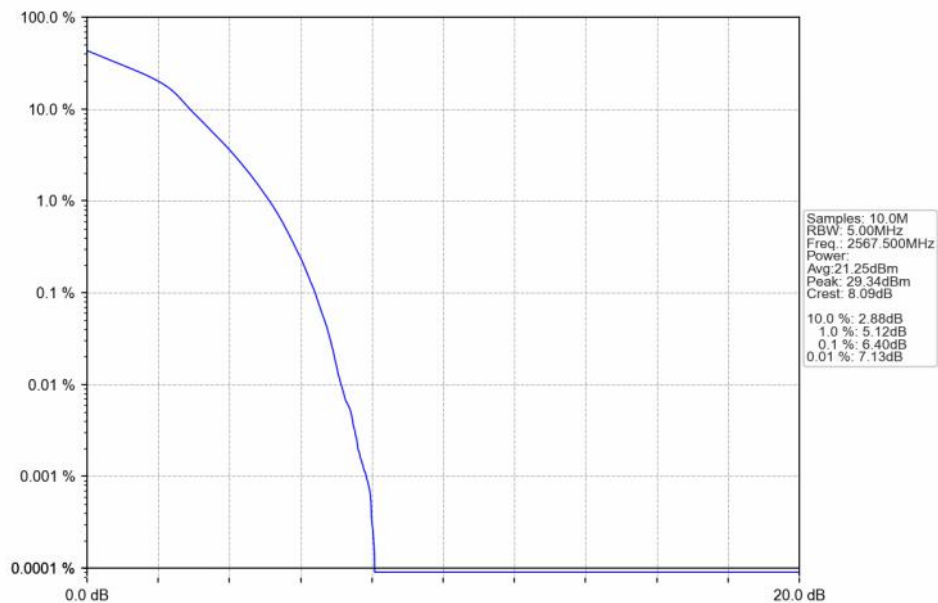
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



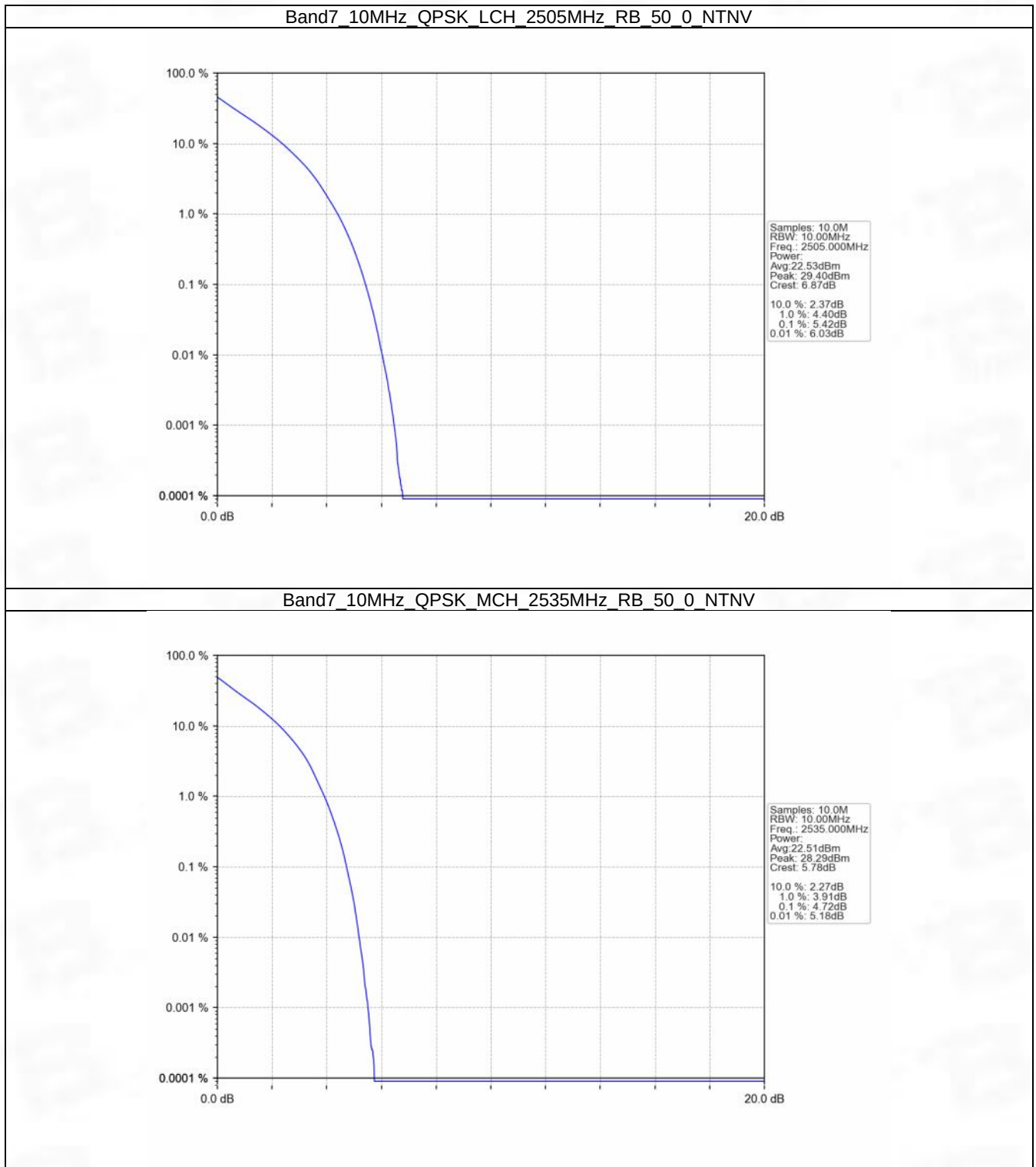
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



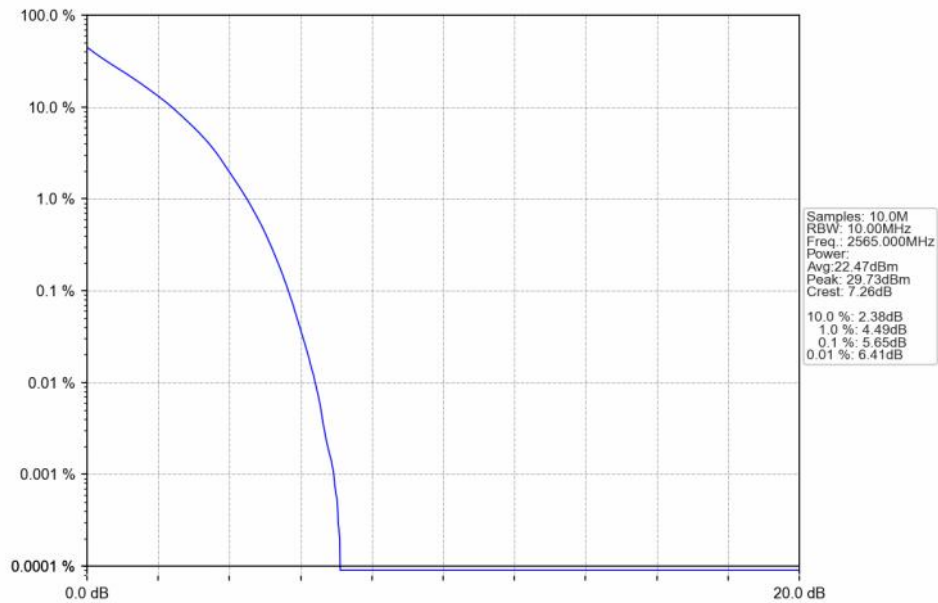
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



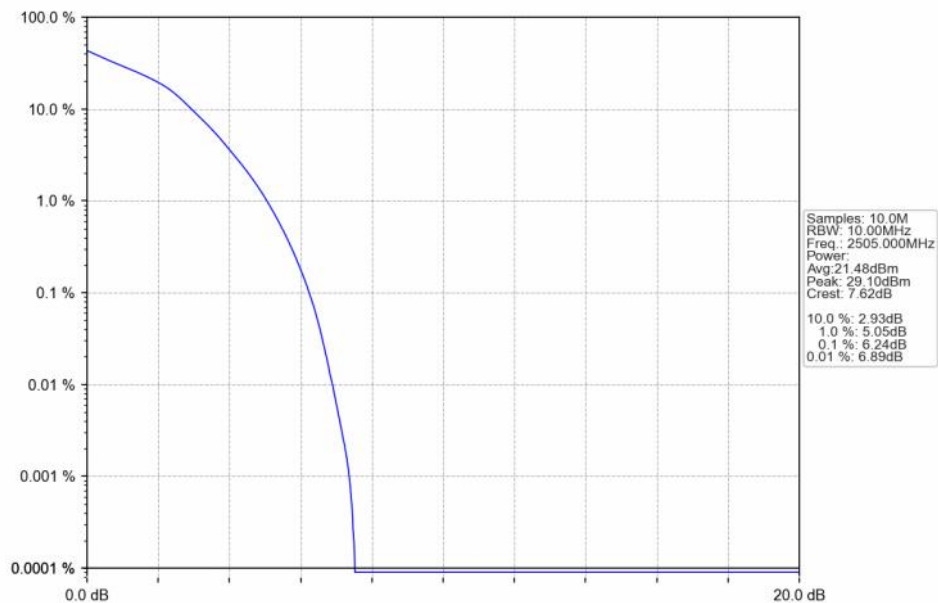
5.2.2 B7_10MHz



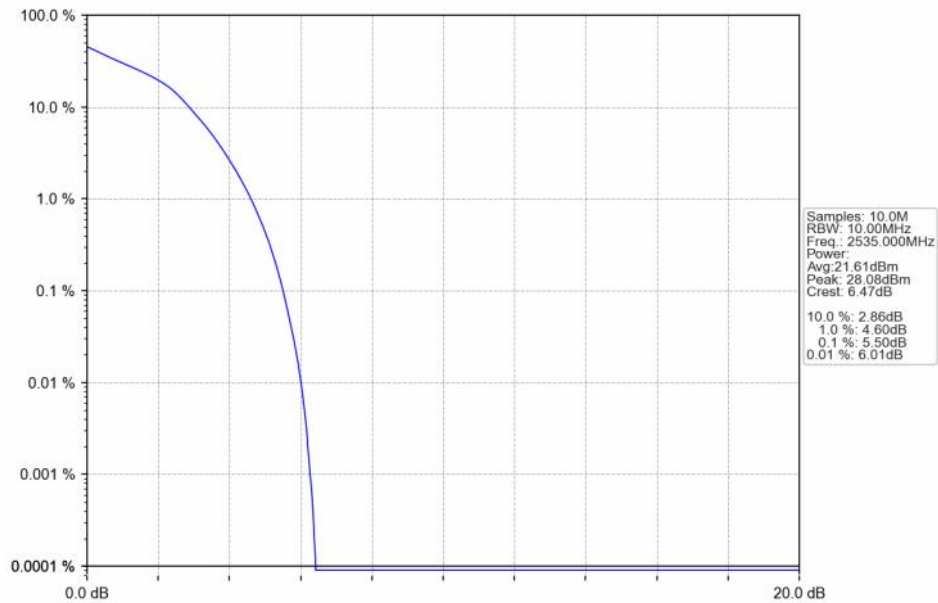
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



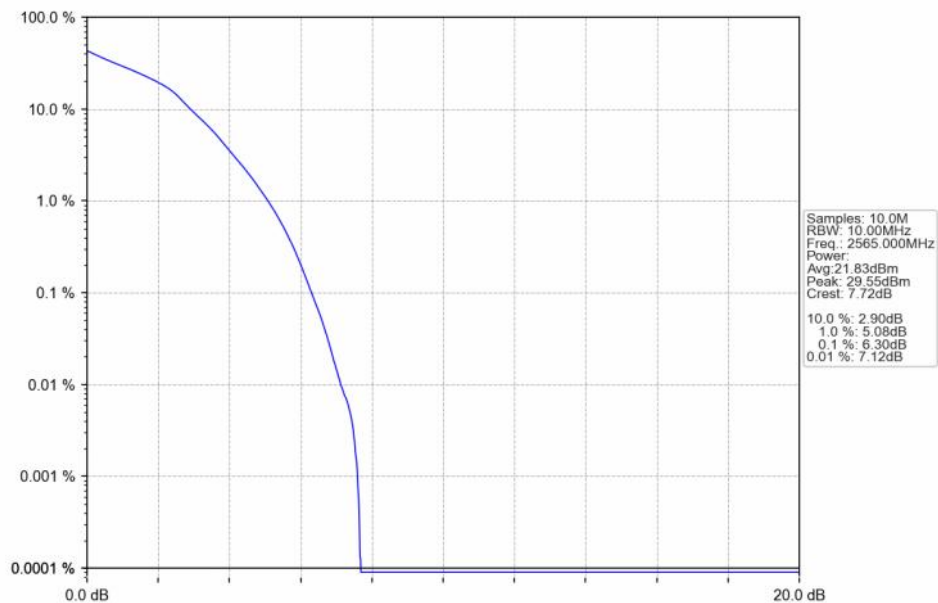
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



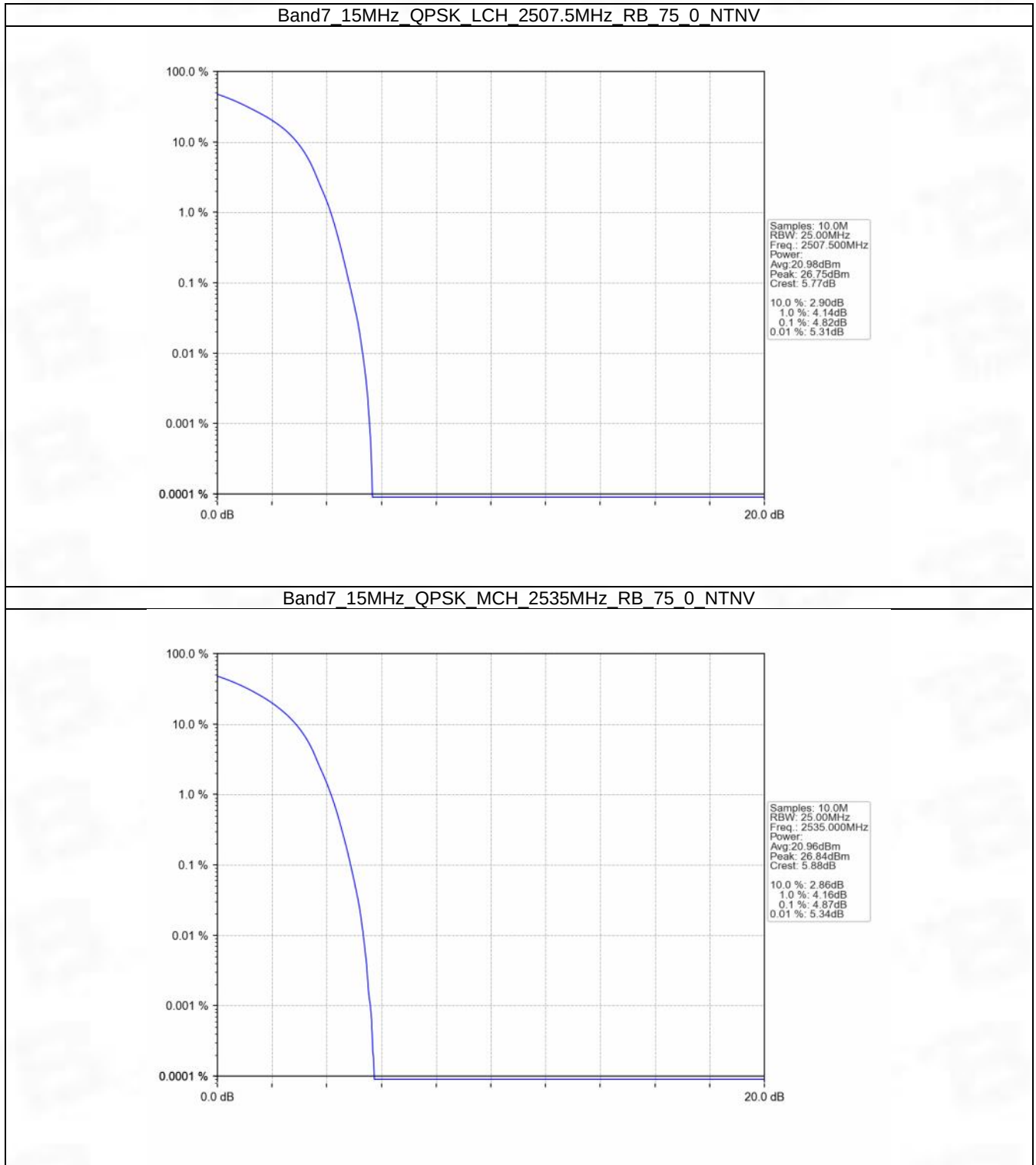
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



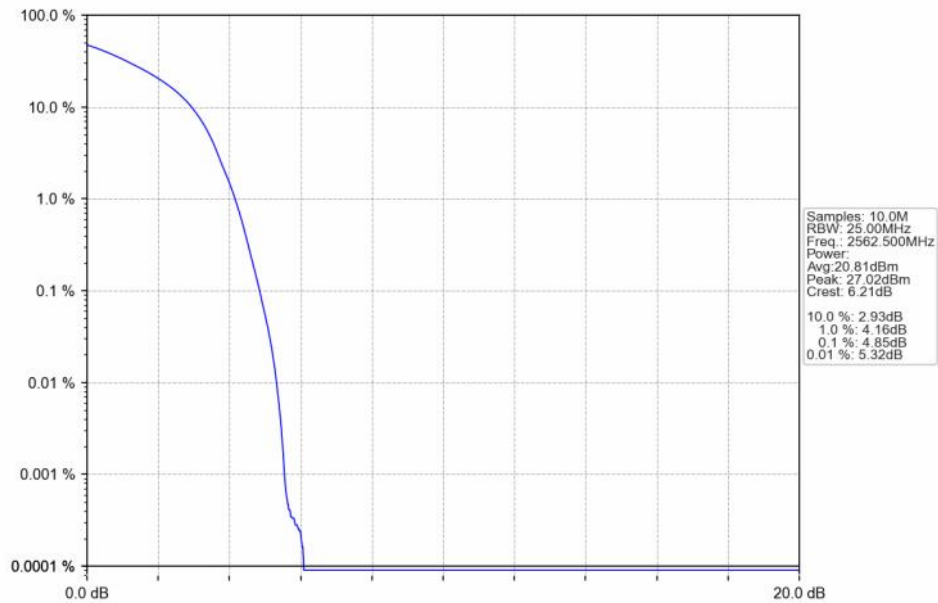
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



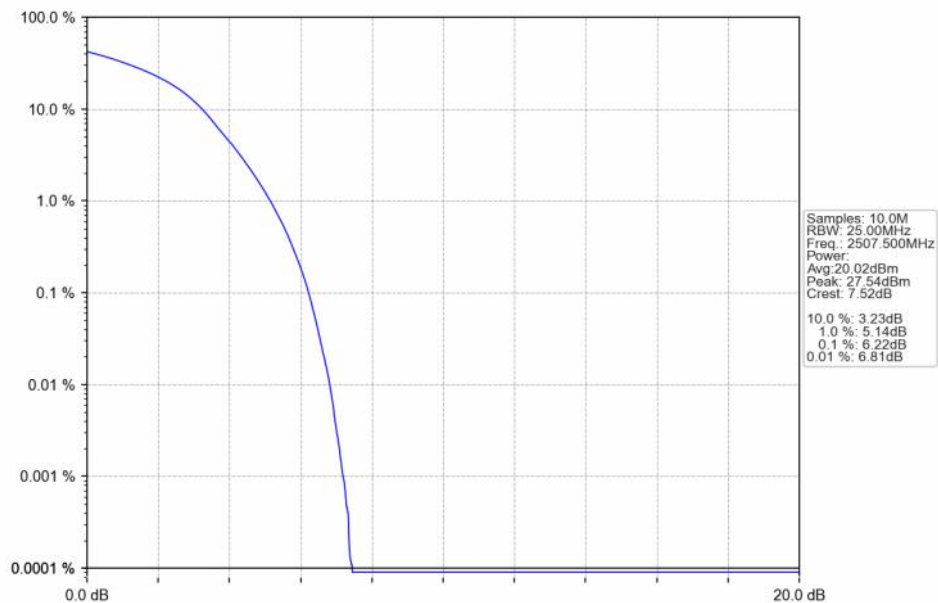
5.2.3 B7_15MHz



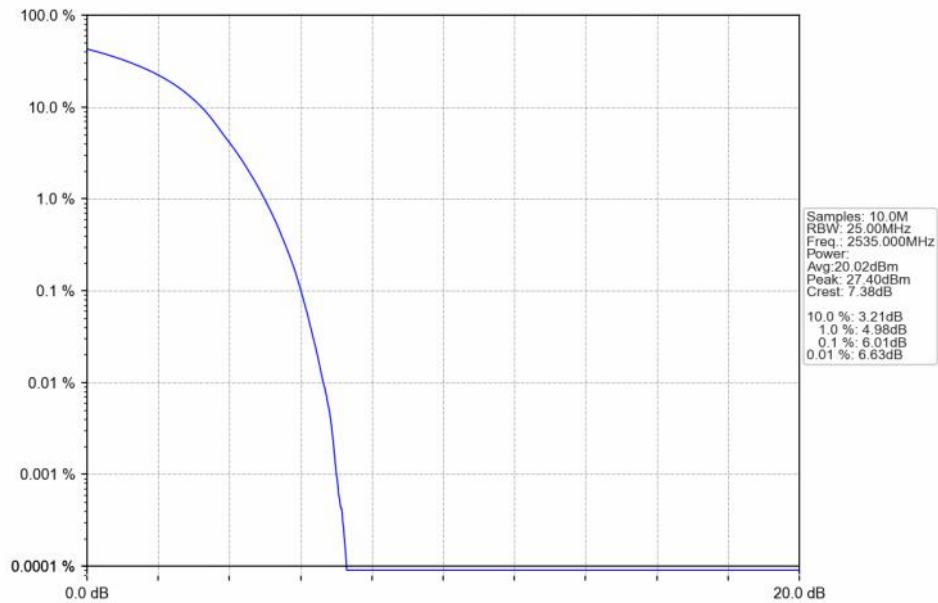
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



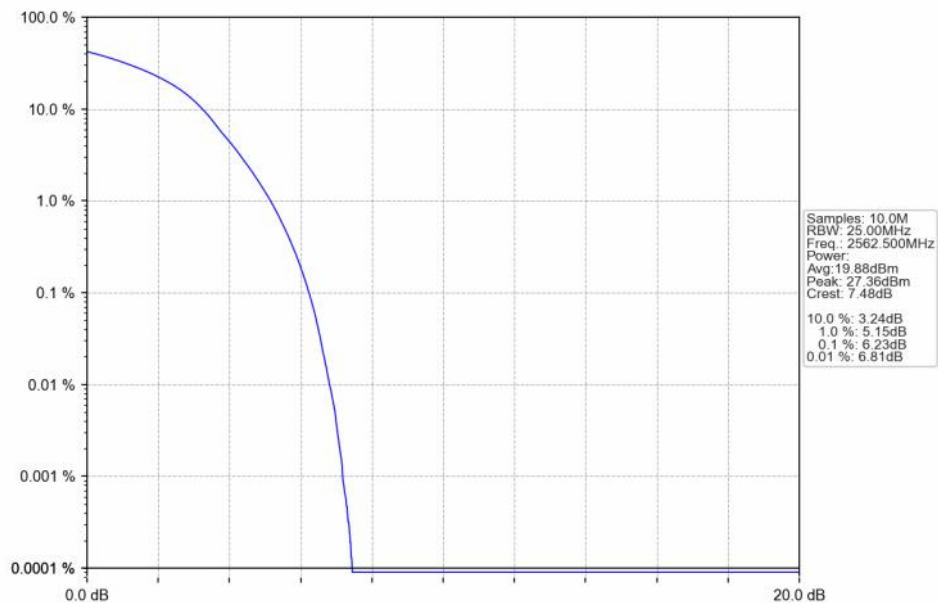
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



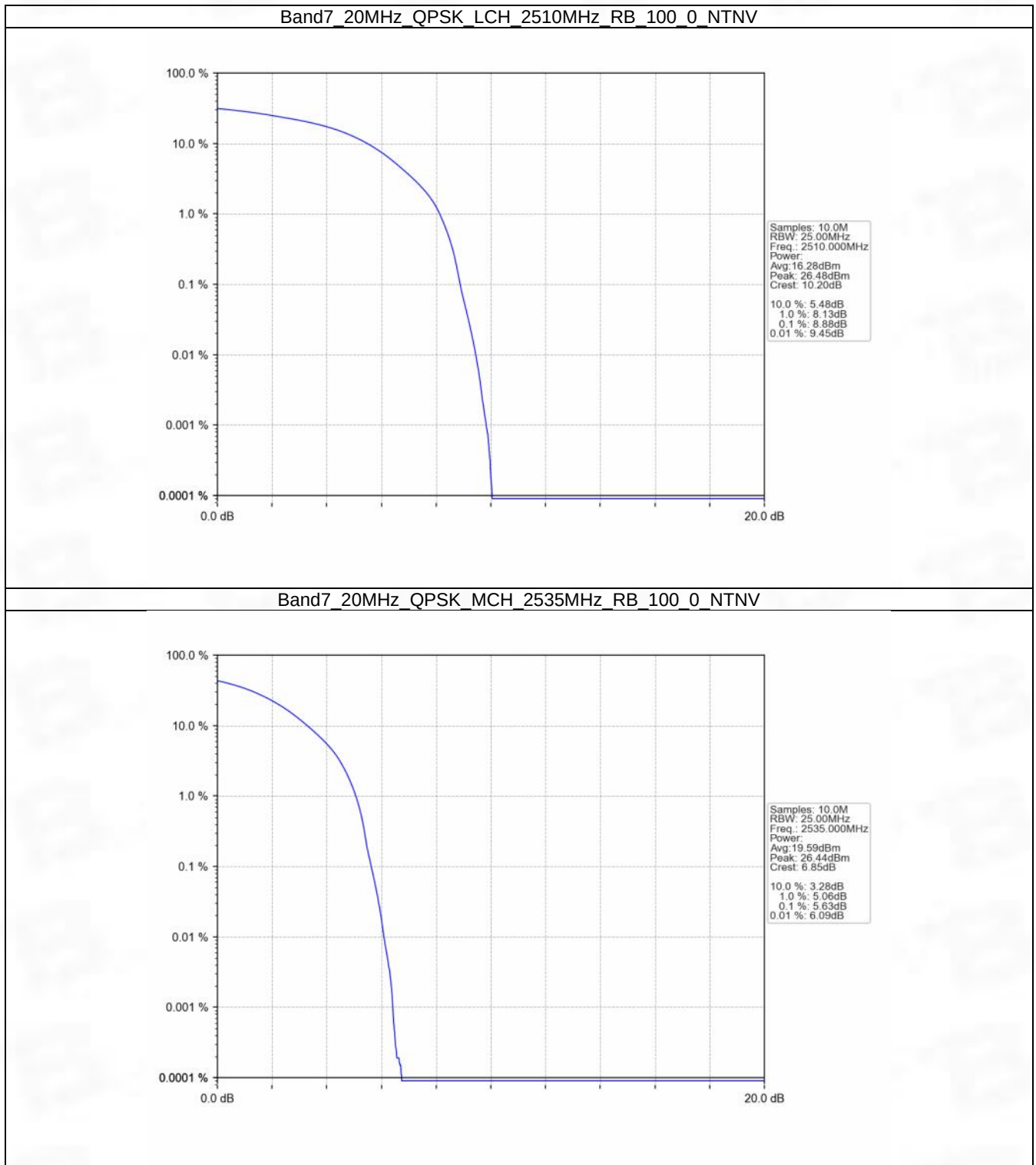
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



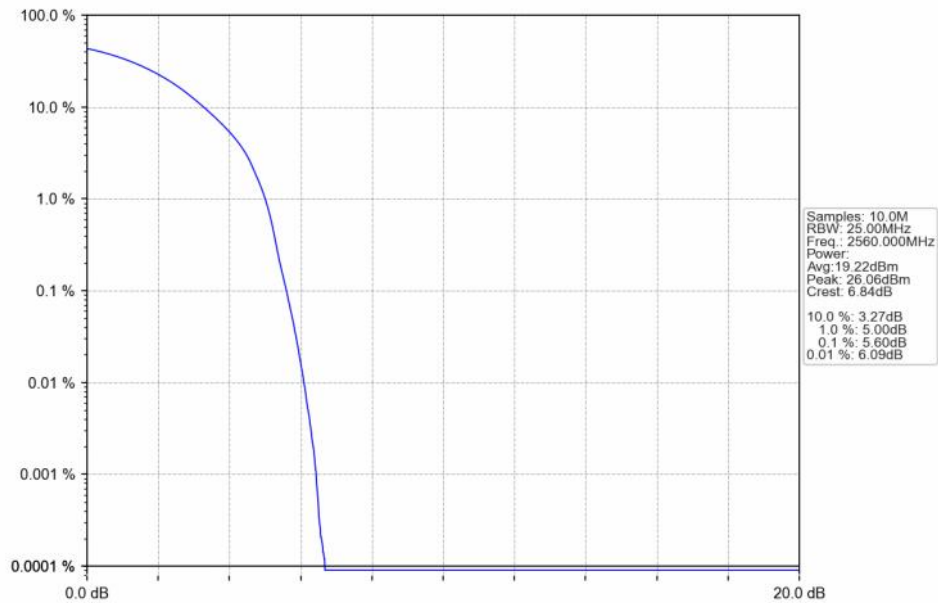
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



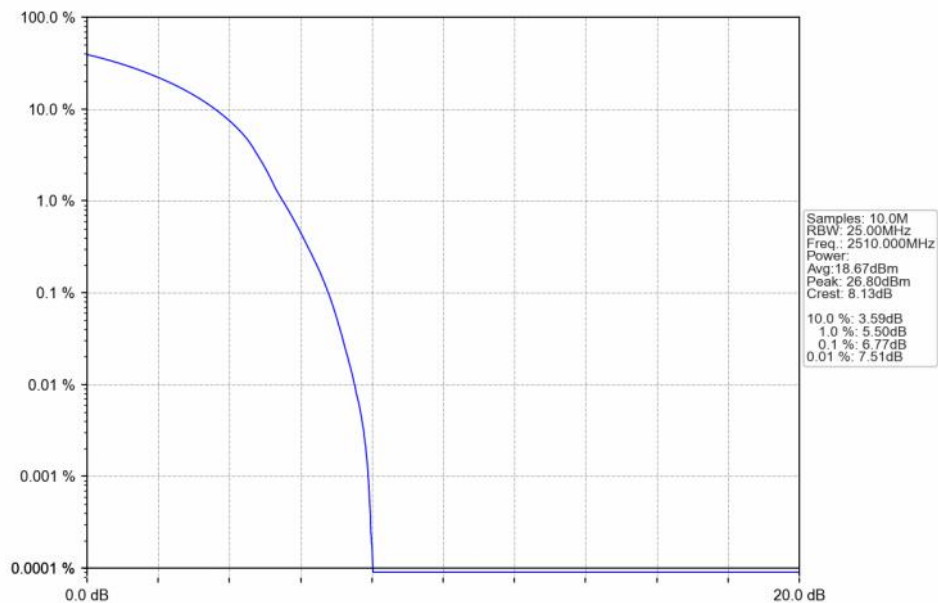
5.2.4 B7_20MHz



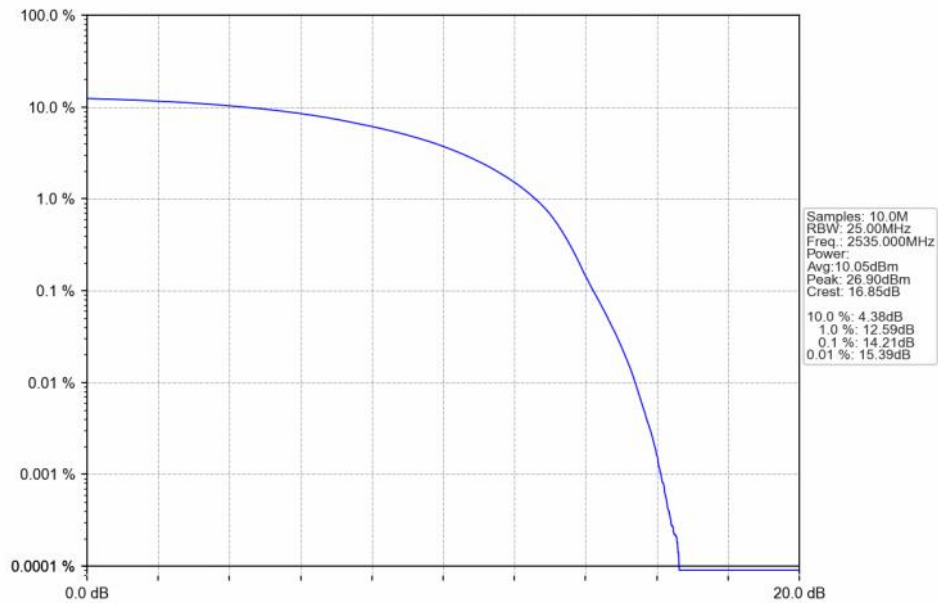
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



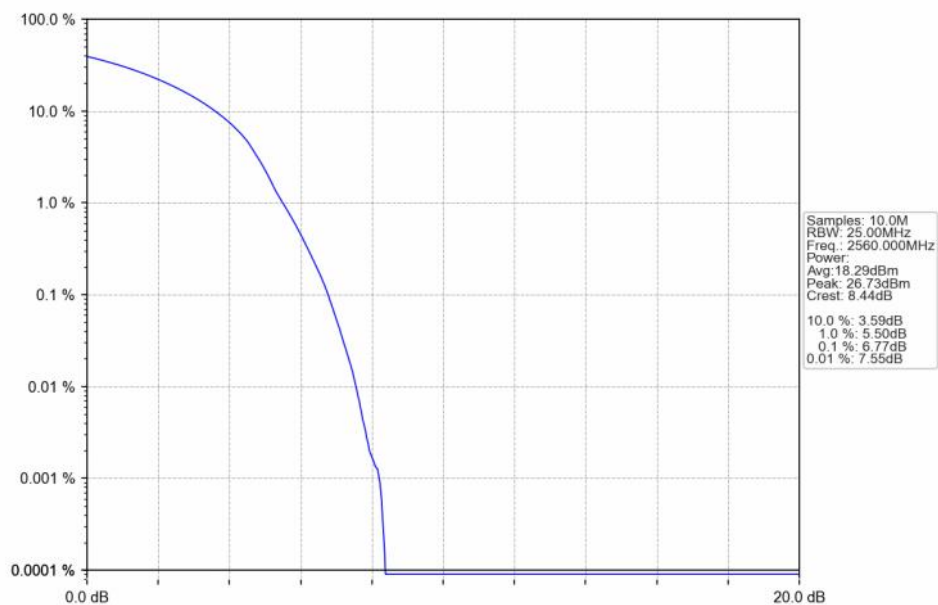
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

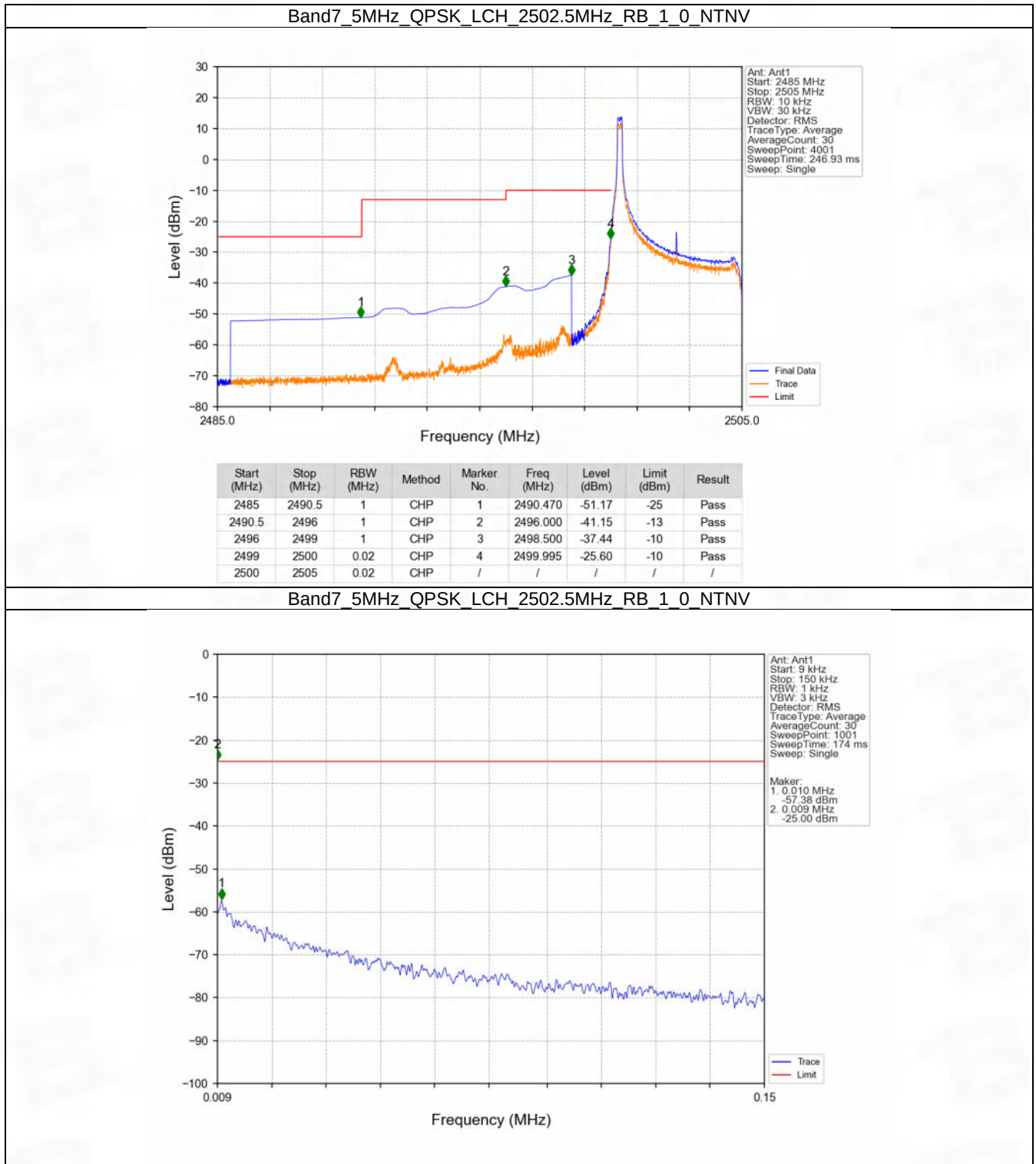
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B7_20MHz

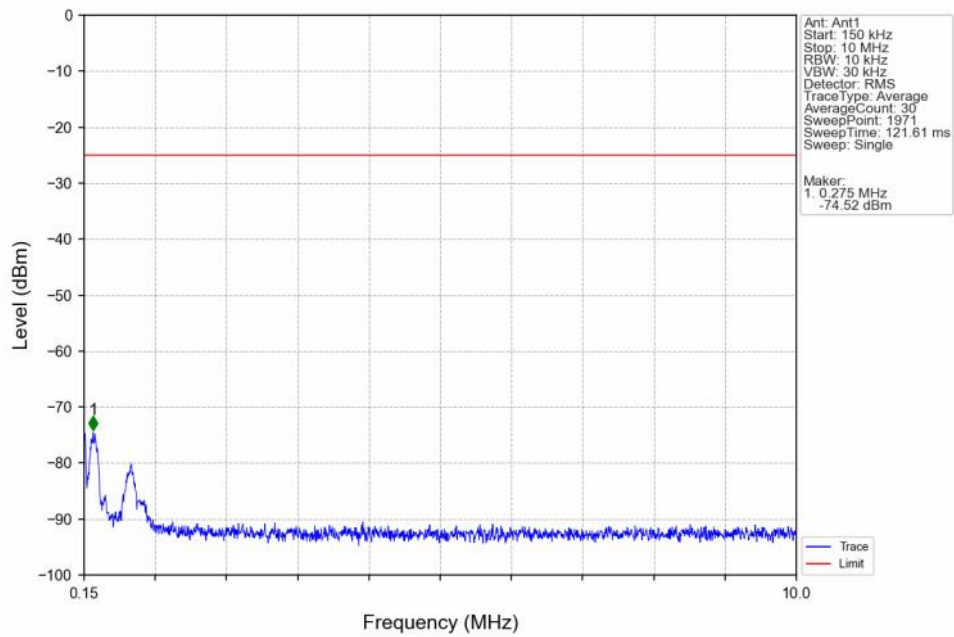
Band: 7 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2560	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
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

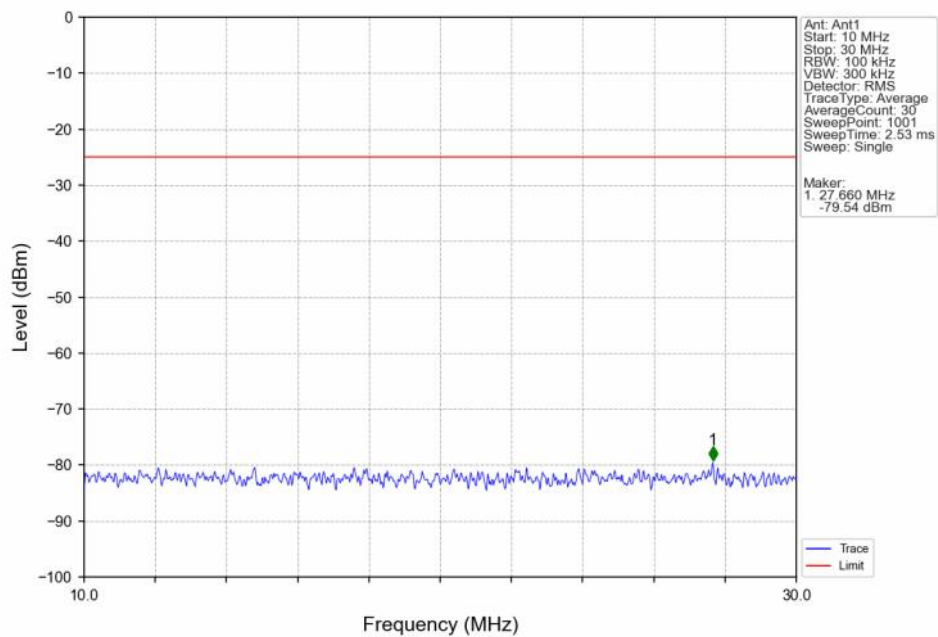
6.2.1 B7_5MHz



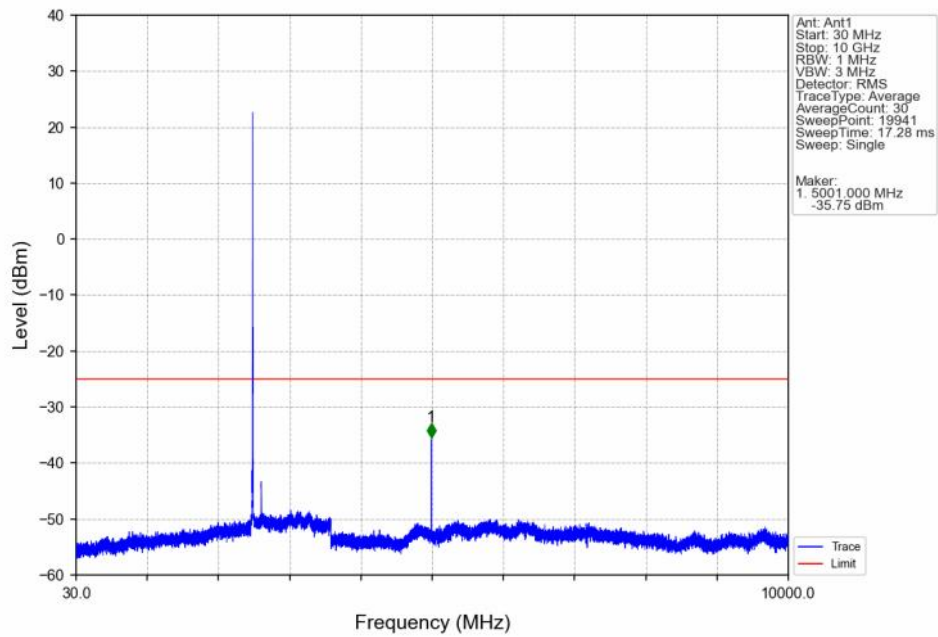
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



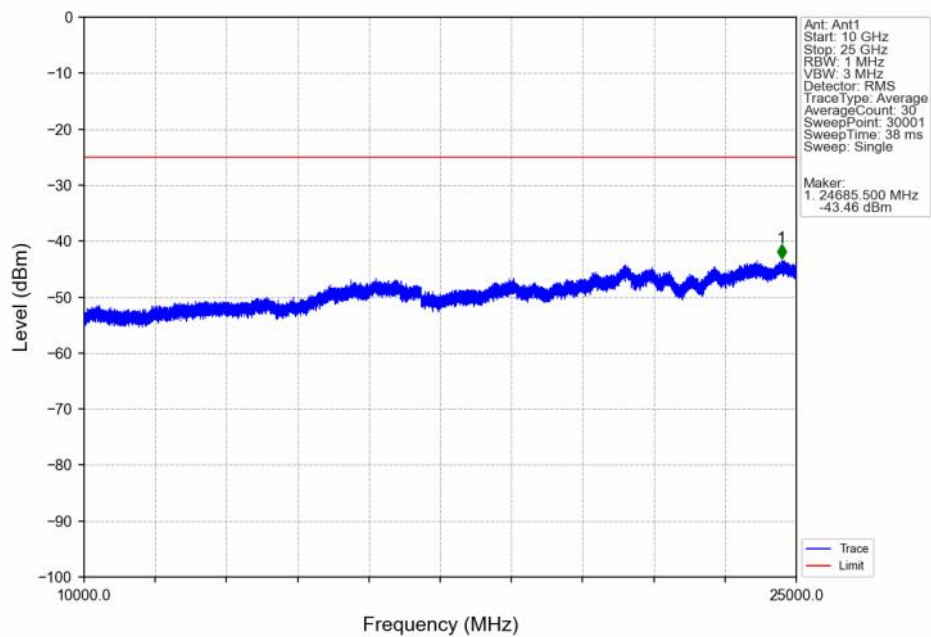
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



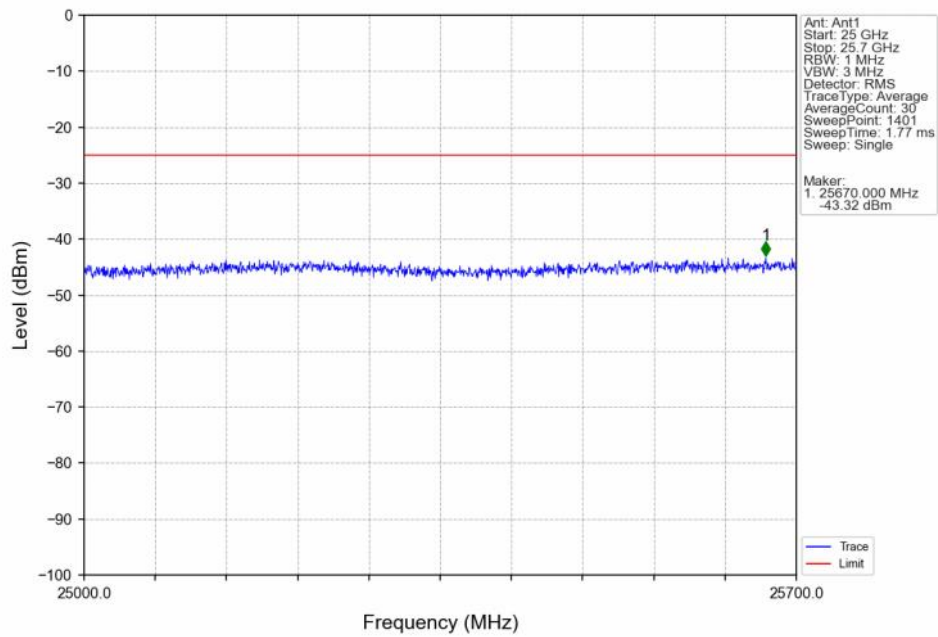
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



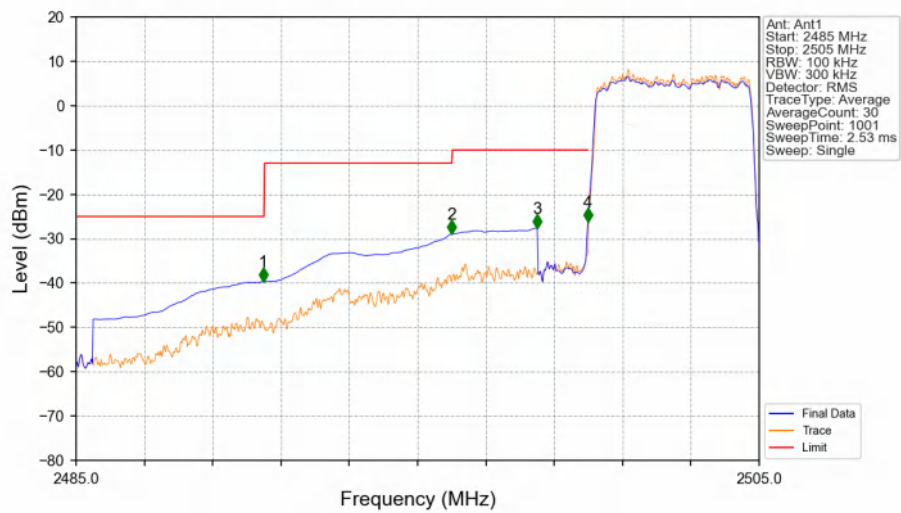
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

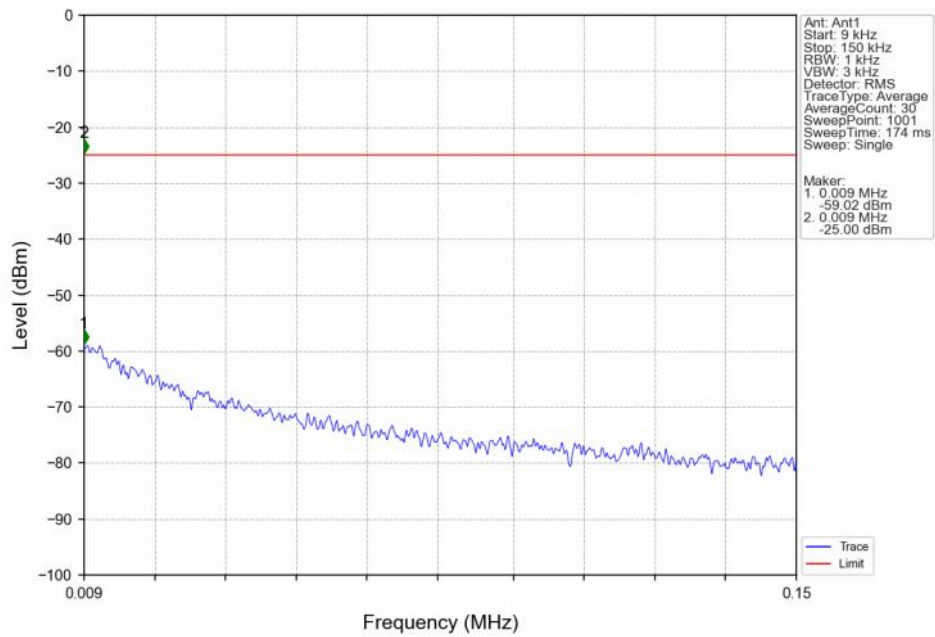


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

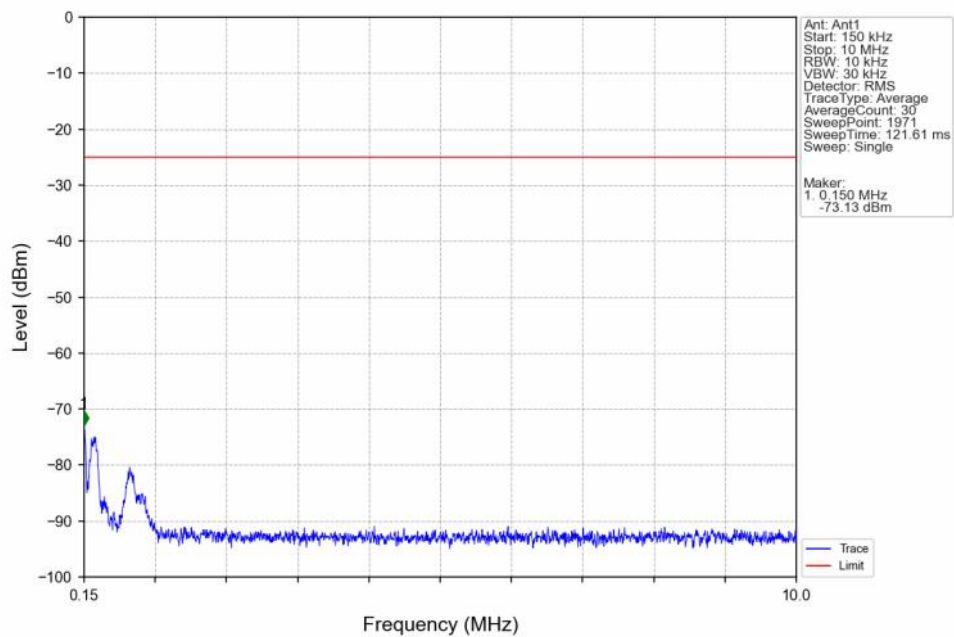


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.480	-39.65	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-28.99	-13	Pass
2496	2499	1	CHP	3	2498.500	-27.61	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-26.13	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

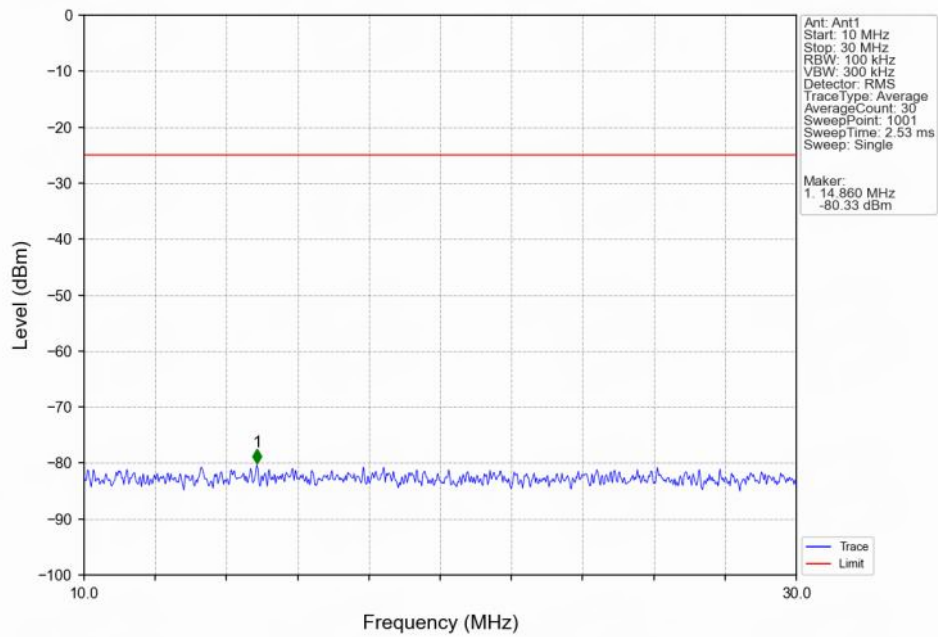
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



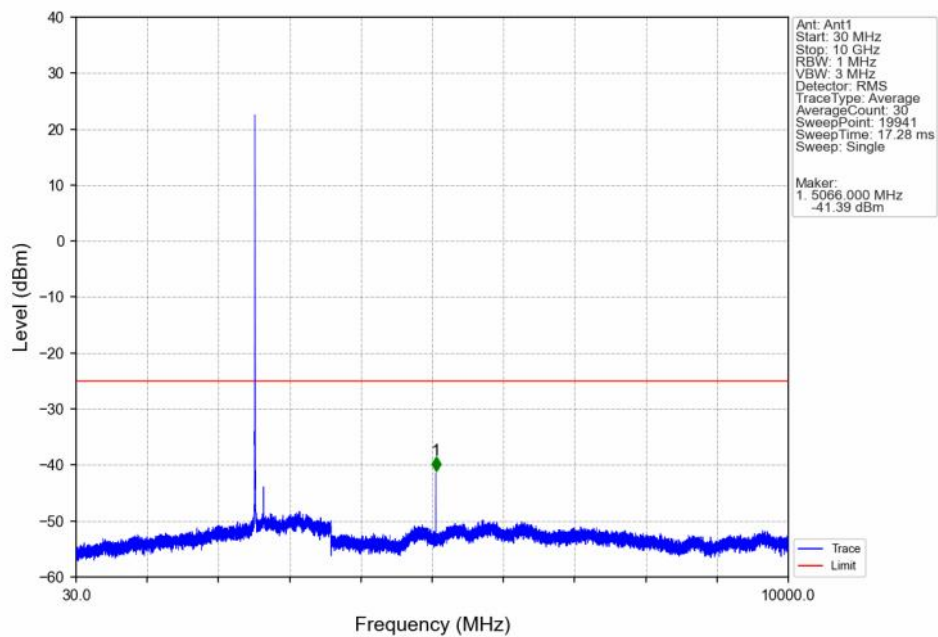
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



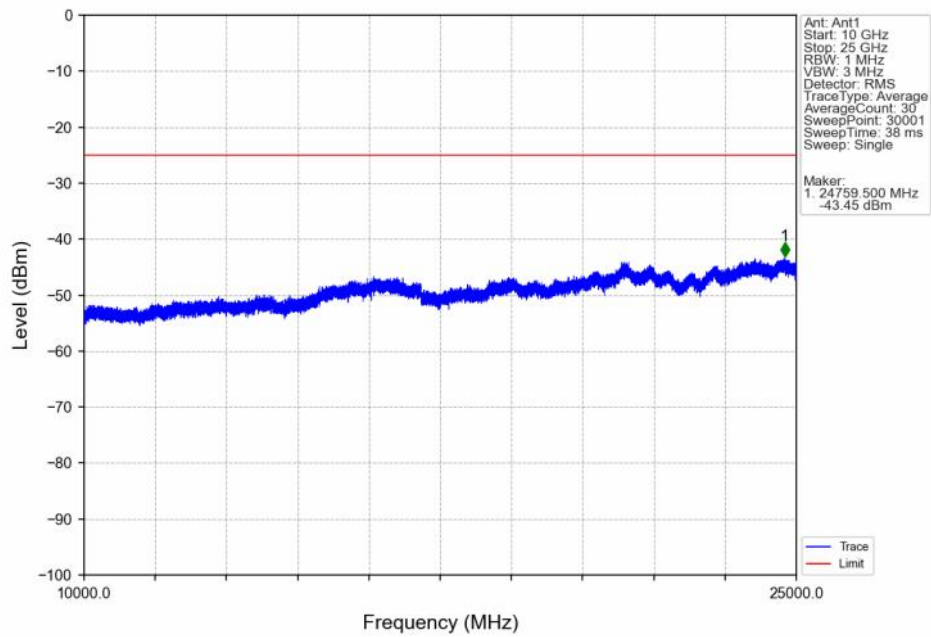
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



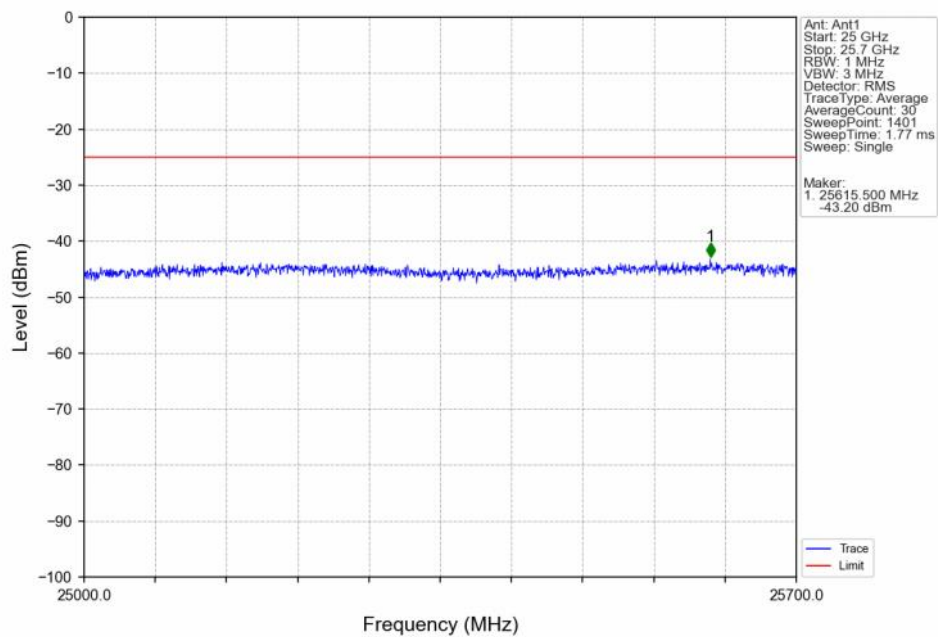
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



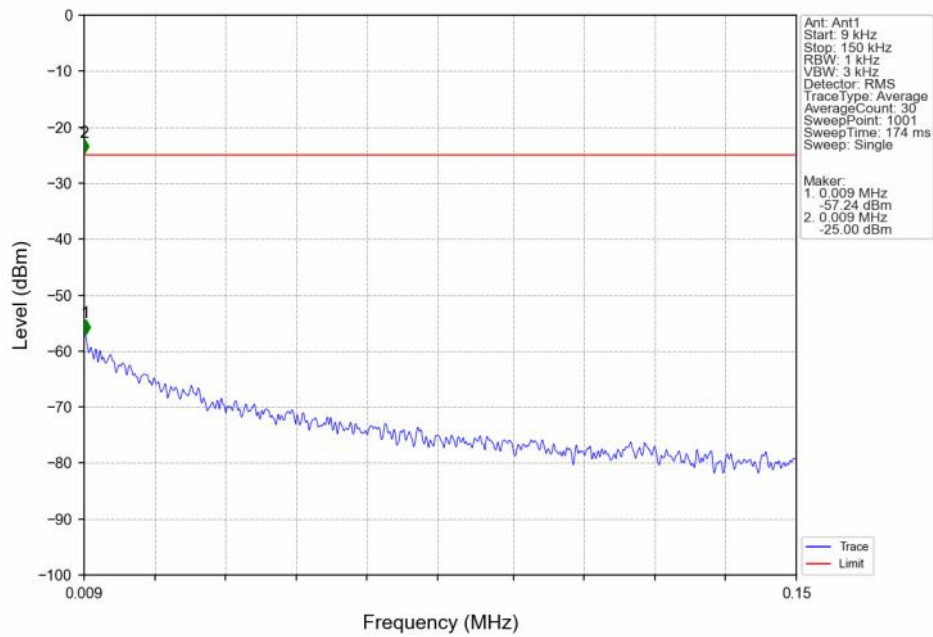
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



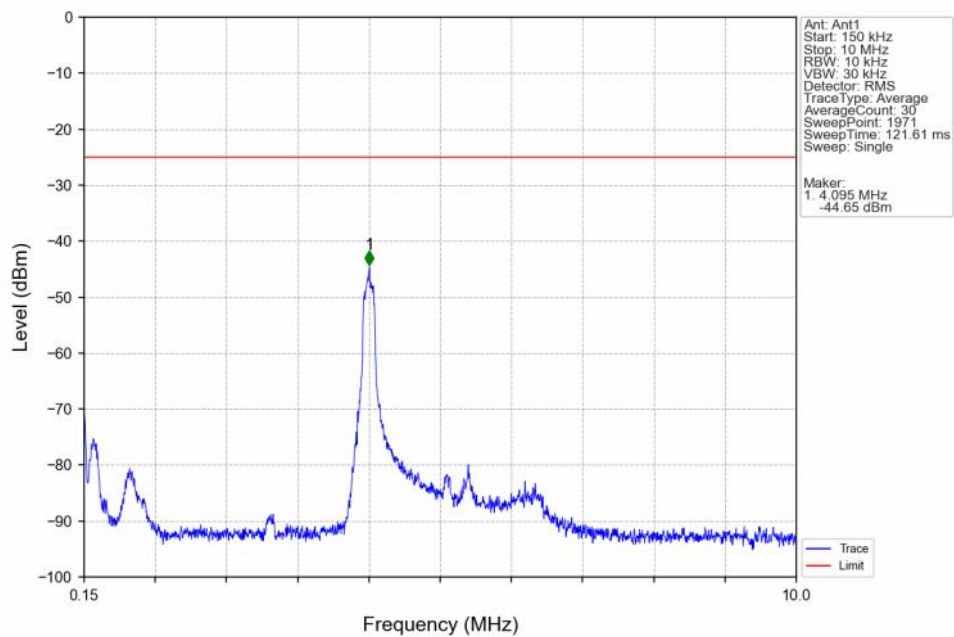
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



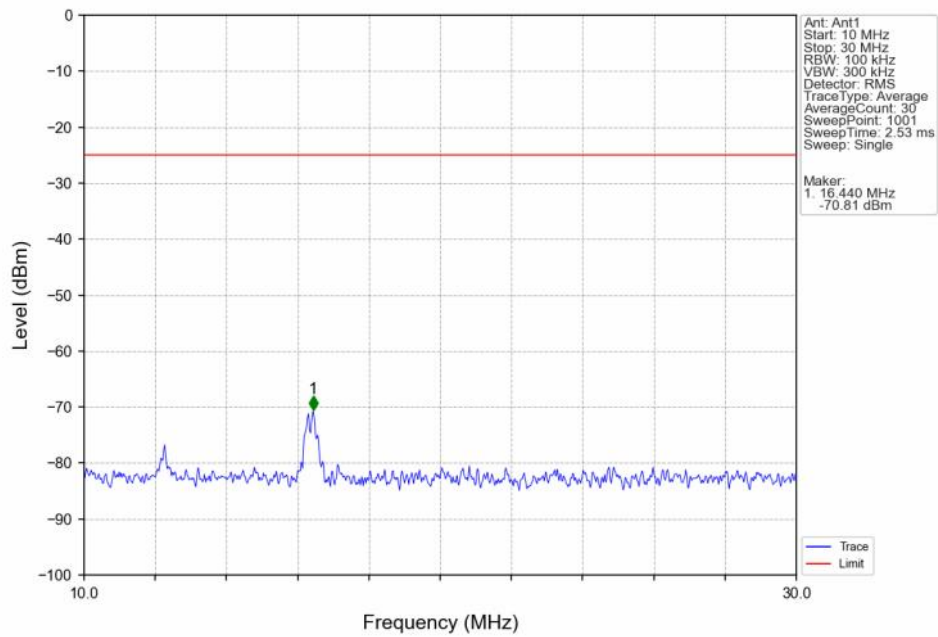
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



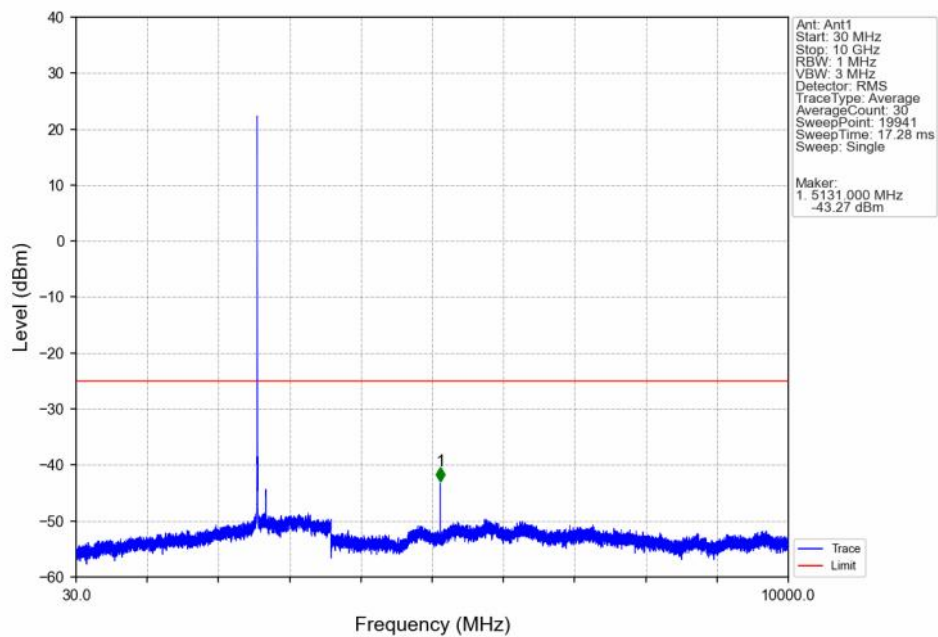
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



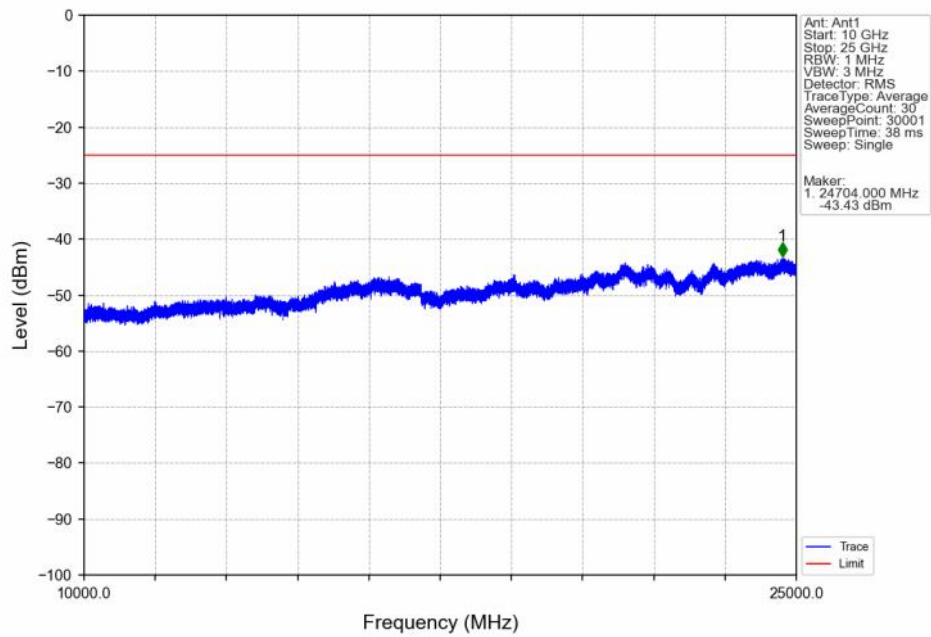
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



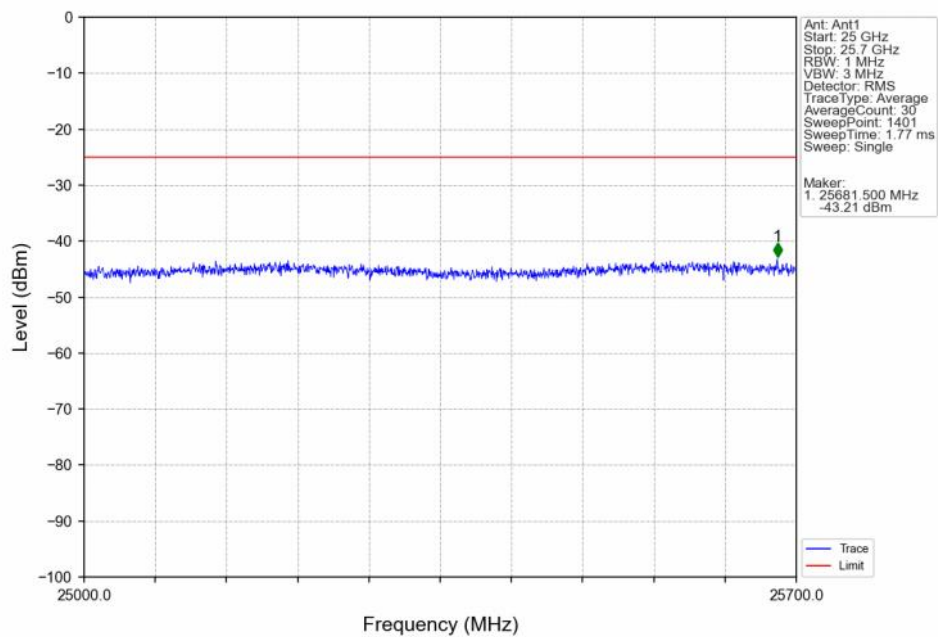
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



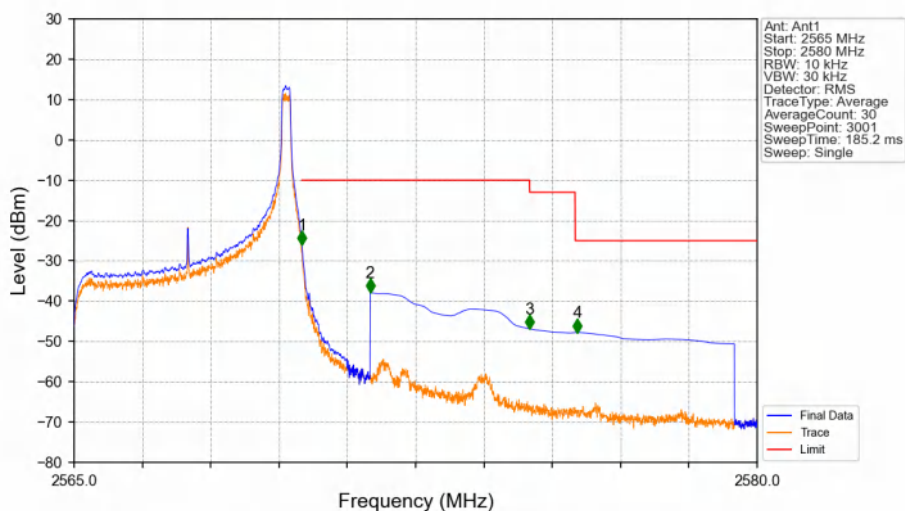
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

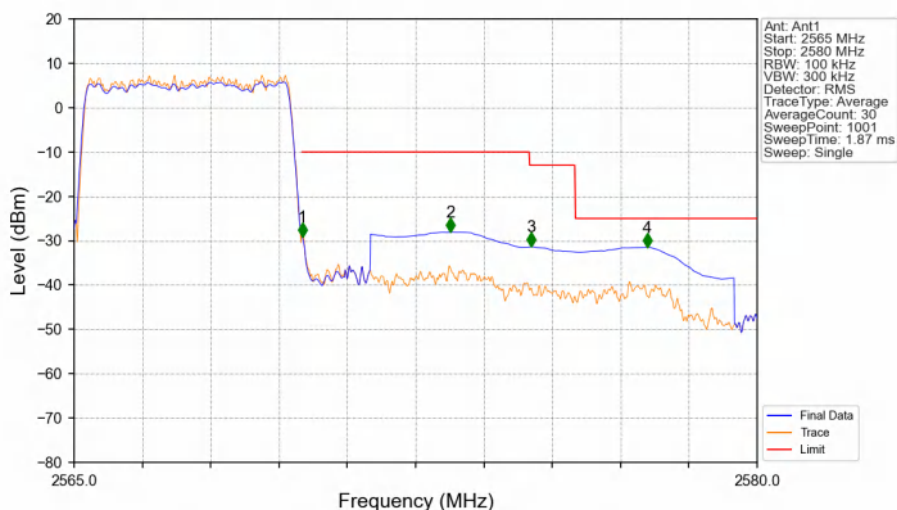


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



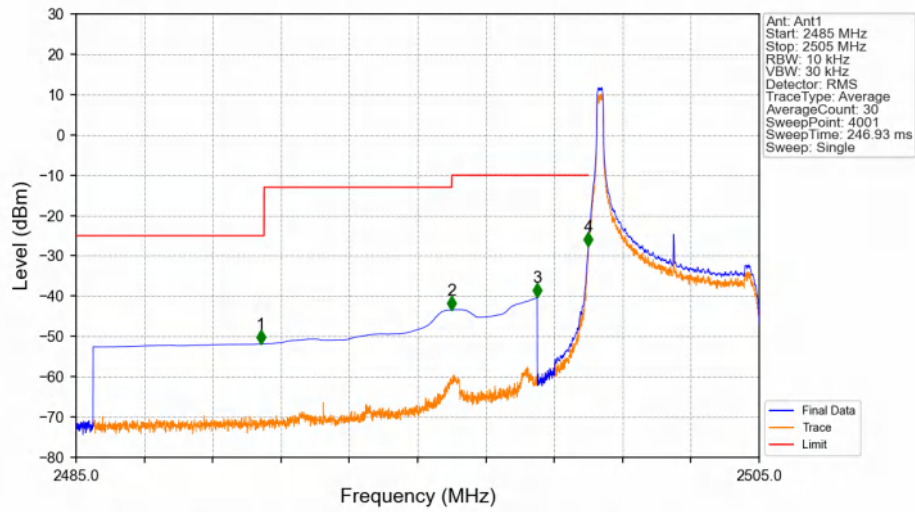
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-26.03	-10	Pass
2571	2575	1	CHP	2	2571.500	-37.79	-10	Pass
2575	2576	1	CHP	3	2575.005	-46.90	-13	Pass
2576	2580	1	CHP	4	2576.050	-47.78	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

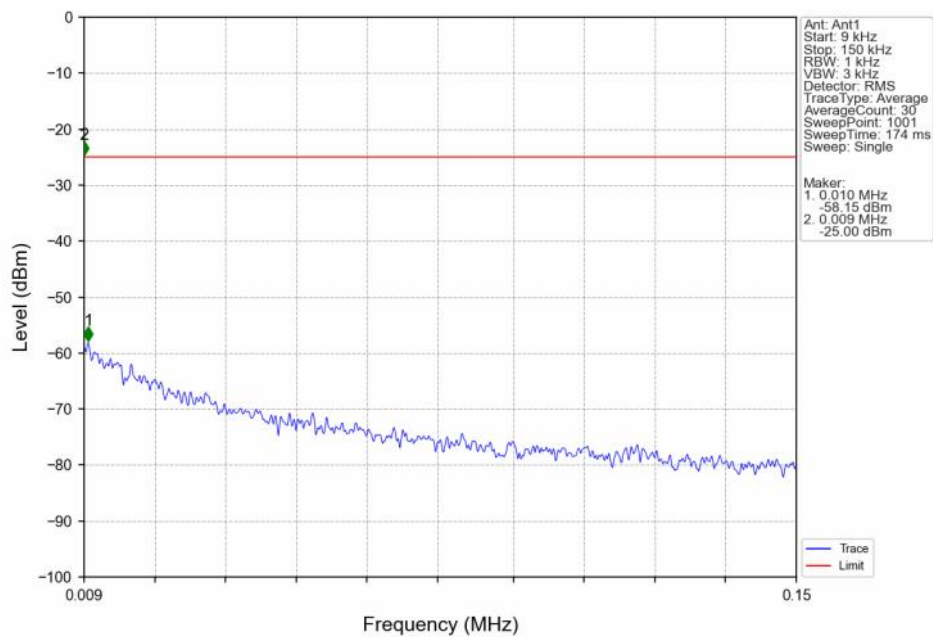


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-29.18	-10	Pass
2571	2575	1	CHP	2	2573.265	-28.06	-10	Pass
2575	2576	1	CHP	3	2575.035	-31.39	-13	Pass
2576	2580	1	CHP	4	2577.585	-31.46	-25	Pass

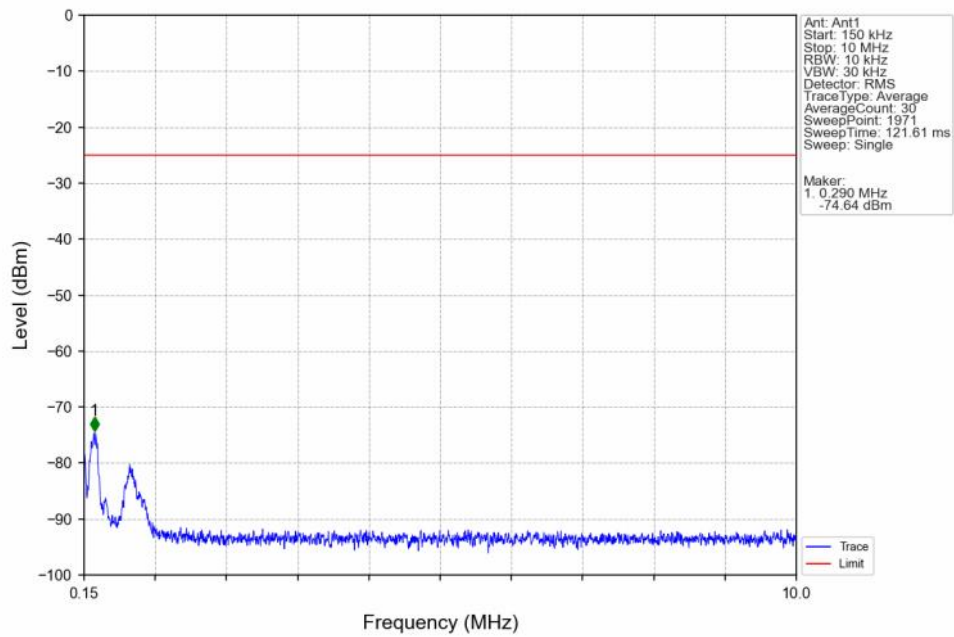
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



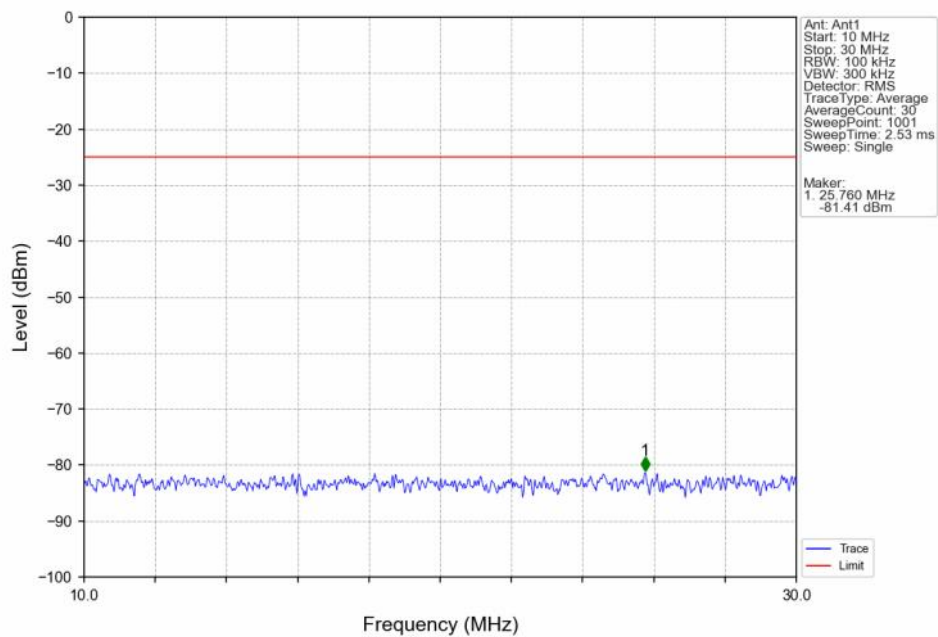
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



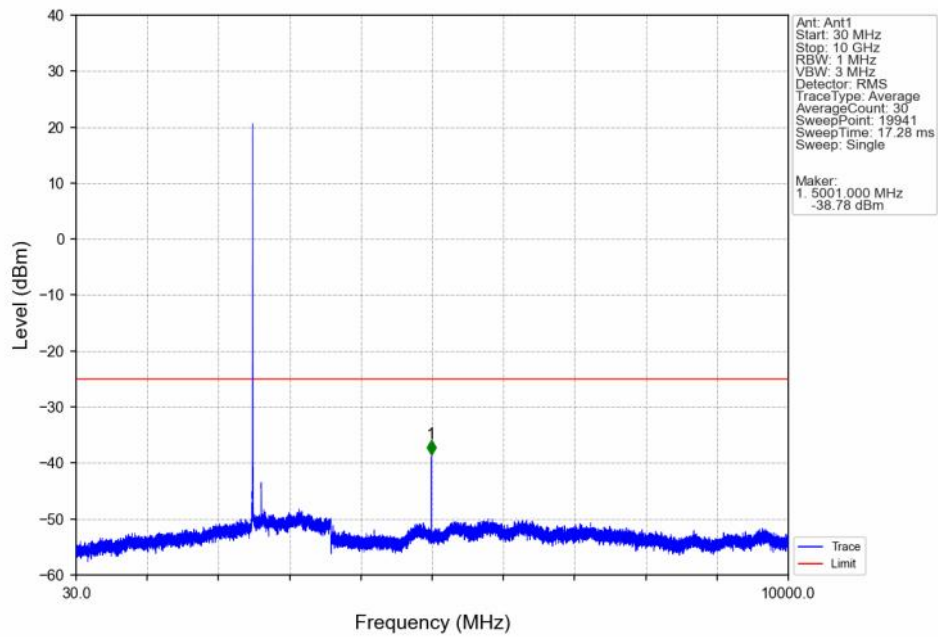
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

