

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2557.5	1	0	19.44	-1.1	18.34	<=33.01	Pass
			13	19.33	-1.1	18.23	<=33.01	Pass
			24	19.48	-1.1	18.38	<=33.01	Pass
		12	0	18.42	-1.1	17.32	<=33.01	Pass
			6	18.53	-1.1	17.43	<=33.01	Pass
			13	18.46	-1.1	17.36	<=33.01	Pass
		25	0	18.47	-1.1	17.37	<=33.01	Pass
	2605	1	0	19.40	-1.1	18.30	<=33.01	Pass
			13	19.20	-1.1	18.10	<=33.01	Pass
			24	19.41	-1.1	18.31	<=33.01	Pass
		12	0	18.27	-1.1	17.17	<=33.01	Pass
			6	18.22	-1.1	17.12	<=33.01	Pass
			13	18.26	-1.1	17.16	<=33.01	Pass
		25	0	18.28	-1.1	17.18	<=33.01	Pass
	2652.5	1	0	19.84	-1.1	18.74	<=33.01	Pass
			13	20.19	-1.1	19.09	<=33.01	Pass
			24	20.15	-1.1	19.05	<=33.01	Pass
		12	0	18.92	-1.1	17.82	<=33.01	Pass
			6	19.01	-1.1	17.91	<=33.01	Pass
			13	18.95	-1.1	17.85	<=33.01	Pass
		25	0	19.09	-1.1	17.99	<=33.01	Pass
16QAM	2557.5	1	0	19.94	-1.1	18.84	<=33.01	Pass
			13	19.97	-1.1	18.87	<=33.01	Pass
			24	19.76	-1.1	18.66	<=33.01	Pass
		12	0	17.39	-1.1	16.29	<=33.01	Pass
			6	17.33	-1.1	16.23	<=33.01	Pass
			13	17.45	-1.1	16.35	<=33.01	Pass
		25	0	17.37	-1.1	16.27	<=33.01	Pass
	2605	1	0	18.58	-1.1	17.48	<=33.01	Pass
			13	18.58	-1.1	17.48	<=33.01	Pass
			24	19.50	-1.1	18.40	<=33.01	Pass
		12	0	17.22	-1.1	16.12	<=33.01	Pass
			6	17.36	-1.1	16.26	<=33.01	Pass
			13	17.29	-1.1	16.19	<=33.01	Pass
		25	0	17.38	-1.1	16.28	<=33.01	Pass
	2652.5	1	0	19.34	-1.1	18.24	<=33.01	Pass
			13	19.48	-1.1	18.38	<=33.01	Pass
			24	19.35	-1.1	18.25	<=33.01	Pass
		12	0	17.79	-1.1	16.69	<=33.01	Pass
			6	17.87	-1.1	16.77	<=33.01	Pass
			13	17.93	-1.1	16.83	<=33.01	Pass
		25	0	17.96	-1.1	16.86	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2560	1	0	19.59	-1.1	18.49	<=33.01	Pass
			25	19.67	-1.1	18.57	<=33.01	Pass
			49	19.61	-1.1	18.51	<=33.01	Pass
		25	0	18.51	-1.1	17.41	<=33.01	Pass
			13	18.61	-1.1	17.51	<=33.01	Pass
			25	18.69	-1.1	17.59	<=33.01	Pass
		50	0	18.70	-1.1	17.60	<=33.01	Pass
	2605	1	0	19.22	-1.1	18.12	<=33.01	Pass
			25	19.18	-1.1	18.08	<=33.01	Pass
			49	19.23	-1.1	18.13	<=33.01	Pass
		25	0	18.24	-1.1	17.14	<=33.01	Pass
			13	18.32	-1.1	17.22	<=33.01	Pass
			25	18.42	-1.1	17.32	<=33.01	Pass
		50	0	18.31	-1.1	17.21	<=33.01	Pass
	2650	1	0	19.99	-1.1	18.89	<=33.01	Pass
			25	19.88	-1.1	18.78	<=33.01	Pass
			49	20.16	-1.1	19.06	<=33.01	Pass
		25	0	18.99	-1.1	17.89	<=33.01	Pass
			13	18.85	-1.1	17.75	<=33.01	Pass
			25	18.96	-1.1	17.86	<=33.01	Pass
		50	0	18.80	-1.1	17.70	<=33.01	Pass
16QAM	2560	1	0	19.12	-1.1	18.02	<=33.01	Pass
			25	18.91	-1.1	17.81	<=33.01	Pass
			49	19.24	-1.1	18.14	<=33.01	Pass
		25	0	17.50	-1.1	16.40	<=33.01	Pass
			13	17.55	-1.1	16.45	<=33.01	Pass
			25	17.48	-1.1	16.38	<=33.01	Pass
		50	0	17.64	-1.1	16.54	<=33.01	Pass
	2605	1	0	19.04	-1.1	17.94	<=33.01	Pass
			25	18.52	-1.1	17.42	<=33.01	Pass
			49	18.51	-1.1	17.41	<=33.01	Pass
		25	0	17.48	-1.1	16.38	<=33.01	Pass
			13	17.58	-1.1	16.48	<=33.01	Pass
			25	17.51	-1.1	16.41	<=33.01	Pass
		50	0	17.24	-1.1	16.14	<=33.01	Pass
	2650	1	0	20.26	-1.1	19.16	<=33.01	Pass
			25	20.26	-1.1	19.16	<=33.01	Pass
			49	20.24	-1.1	19.14	<=33.01	Pass
		25	0	17.88	-1.1	16.78	<=33.01	Pass
			13	17.81	-1.1	16.71	<=33.01	Pass
			25	17.91	-1.1	16.81	<=33.01	Pass
		50	0	17.88	-1.1	16.78	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2562.5	1	0	19.65	-1.1	18.55	<=33.01	Pass
			38	19.72	-1.1	18.62	<=33.01	Pass
			74	19.48	-1.1	18.38	<=33.01	Pass
		36	0	18.61	-1.1	17.51	<=33.01	Pass
			18	18.68	-1.1	17.58	<=33.01	Pass
			39	18.44	-1.1	17.34	<=33.01	Pass
		75	0	18.61	-1.1	17.51	<=33.01	Pass

16QAM	2605	1	0	19.41	-1.1	18.31	<=33.01	Pass
			38	19.18	-1.1	18.08	<=33.01	Pass
			74	19.25	-1.1	18.15	<=33.01	Pass
		36	0	18.36	-1.1	17.26	<=33.01	Pass
			18	18.35	-1.1	17.25	<=33.01	Pass
			39	18.45	-1.1	17.35	<=33.01	Pass
		75	0	18.39	-1.1	17.29	<=33.01	Pass
	2647.5	1	0	19.84	-1.1	18.74	<=33.01	Pass
			38	20.03	-1.1	18.93	<=33.01	Pass
			74	20.19	-1.1	19.09	<=33.01	Pass
		36	0	18.85	-1.1	17.75	<=33.01	Pass
			18	18.90	-1.1	17.80	<=33.01	Pass
			39	19.02	-1.1	17.92	<=33.01	Pass
		75	0	18.92	-1.1	17.82	<=33.01	Pass
16QAM	2562.5	1	0	19.18	-1.1	18.08	<=33.01	Pass
			38	19.19	-1.1	18.09	<=33.01	Pass
			74	18.76	-1.1	17.66	<=33.01	Pass
		36	0	17.54	-1.1	16.44	<=33.01	Pass
			18	17.53	-1.1	16.43	<=33.01	Pass
			39	17.44	-1.1	16.34	<=33.01	Pass
		75	0	17.54	-1.1	16.44	<=33.01	Pass
	2605	1	0	18.82	-1.1	17.72	<=33.01	Pass
			38	18.38	-1.1	17.28	<=33.01	Pass
			74	18.86	-1.1	17.76	<=33.01	Pass
		36	0	17.33	-1.1	16.23	<=33.01	Pass
			18	17.47	-1.1	16.37	<=33.01	Pass
			39	17.33	-1.1	16.23	<=33.01	Pass
		75	0	17.29	-1.1	16.19	<=33.01	Pass
	2647.5	1	0	19.93	-1.1	18.83	<=33.01	Pass
			38	20.28	-1.1	19.18	<=33.01	Pass
			74	20.21	-1.1	19.11	<=33.01	Pass
		36	0	17.91	-1.1	16.81	<=33.01	Pass
			18	17.89	-1.1	16.79	<=33.01	Pass
			39	17.87	-1.1	16.77	<=33.01	Pass
		75	0	17.94	-1.1	16.84	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2565	1	0	19.48	-1.1	18.38	<=33.01	Pass
			50	19.37	-1.1	18.27	<=33.01	Pass
			99	19.55	-1.1	18.45	<=33.01	Pass
		50	0	18.63	-1.1	17.53	<=33.01	Pass
			25	18.55	-1.1	17.45	<=33.01	Pass
			50	18.53	-1.1	17.43	<=33.01	Pass
		100	0	18.53	-1.1	17.43	<=33.01	Pass
	2605	1	0	19.42	-1.1	18.32	<=33.01	Pass
			50	19.47	-1.1	18.37	<=33.01	Pass
			99	19.40	-1.1	18.30	<=33.01	Pass
		50	0	18.34	-1.1	17.24	<=33.01	Pass
			25	18.34	-1.1	17.24	<=33.01	Pass
			50	18.33	-1.1	17.23	<=33.01	Pass
		100	0	18.38	-1.1	17.28	<=33.01	Pass
	2645	1	0	19.57	-1.1	18.47	<=33.01	Pass
			50	19.76	-1.1	18.66	<=33.01	Pass

			99	20.09	-1.1	18.99	<=33.01	Pass	
		50	0	18.76	-1.1	17.66	<=33.01	Pass	
			25	18.88	-1.1	17.78	<=33.01	Pass	
			50	18.87	-1.1	17.77	<=33.01	Pass	
		100	0	18.82	-1.1	17.72	<=33.01	Pass	
16QAM	2565	1	0	19.66	-1.1	18.56	<=33.01	Pass	
			50	19.69	-1.1	18.59	<=33.01	Pass	
			99	20.07	-1.1	18.97	<=33.01	Pass	
		50	0	17.54	-1.1	16.44	<=33.01	Pass	
			25	17.63	-1.1	16.53	<=33.01	Pass	
			50	17.68	-1.1	16.58	<=33.01	Pass	
		100	0	17.64	-1.1	16.54	<=33.01	Pass	
	2605	1	0	19.60	-1.1	18.50	<=33.01	Pass	
			50	19.63	-1.1	18.53	<=33.01	Pass	
			99	19.75	-1.1	18.65	<=33.01	Pass	
		50	0	17.44	-1.1	16.34	<=33.01	Pass	
			25	17.41	-1.1	16.31	<=33.01	Pass	
			50	17.28	-1.1	16.18	<=33.01	Pass	
		100	0	17.30	-1.1	16.20	<=33.01	Pass	
	2645	1	0	18.71	-1.1	17.61	<=33.01	Pass	
			50	19.37	-1.1	18.27	<=33.01	Pass	
			99	18.98	-1.1	17.88	<=33.01	Pass	
		50	0	17.68	-1.1	16.58	<=33.01	Pass	
			25	17.92	-1.1	16.82	<=33.01	Pass	
			50	17.90	-1.1	16.80	<=33.01	Pass	
		100	0	17.86	-1.1	16.76	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2557.5	25	0	20	3.27	-17.710	-0.0069	-2.5 to 2.5	Pass
					3.85	-12.417	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-8.969	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.973	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.726	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-9.642	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-36.135	-0.0141	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	27.766	0.0107	-2.5 to 2.5	Pass
					3.85	-17.066	-0.0066	-2.5 to 2.5	Pass
					4.43	-30.942	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-38.967	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-39.268	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-36.550	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-21.300	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-28.296	-0.0109	-2.5 to 2.5	Pass

16QAM	2652.5	25	0	30	3.85	-44.661	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-15.507	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-20.871	-0.0080	-2.5 to 2.5	Pass
				20	3.27	12.217	0.0046	-2.5 to 2.5	Pass
					3.85	-9.313	-0.0035	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.735	0.0018	-2.5 to 2.5	Pass
				-20	3.85	17.438	0.0066	-2.5 to 2.5	Pass
				-10	3.85	23.789	0.0090	-2.5 to 2.5	Pass
				0	3.85	36.635	0.0138	-2.5 to 2.5	Pass
				10	3.85	44.203	0.0167	-2.5 to 2.5	Pass
				30	3.85	44.990	0.0170	-2.5 to 2.5	Pass
				40	3.85	21.400	0.0081	-2.5 to 2.5	Pass
				50	3.85	28.081	0.0106	-2.5 to 2.5	Pass
	2557.5	25	0	20	3.27	-37.594	-0.0147	-2.5 to 2.5	Pass
					3.85	-41.642	-0.0163	-2.5 to 2.5	Pass
					4.43	-16.608	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-33.960	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-42.701	-0.0167	-2.5 to 2.5	Pass
				-10	3.85	8.497	0.0033	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-21.143	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-32.458	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-41.370	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-17.638	-0.0069	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	-28.596	-0.0110	-2.5 to 2.5	Pass
					3.85	-28.467	-0.0109	-2.5 to 2.5	Pass
					4.43	-38.323	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-39.525	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-38.052	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-18.253	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-18.454	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-15.163	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-25.420	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-29.426	-0.0113	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	38.867	0.0147	-2.5 to 2.5	Pass
					3.85	38.323	0.0144	-2.5 to 2.5	Pass
					4.43	36.120	0.0136	-2.5 to 2.5	Pass
				-30	3.85	40.412	0.0152	-2.5 to 2.5	Pass
				-20	3.85	45.347	0.0171	-2.5 to 2.5	Pass
				-10	3.85	47.650	0.0180	-2.5 to 2.5	Pass
				0	3.85	40.226	0.0152	-2.5 to 2.5	Pass
				10	3.85	35.748	0.0135	-2.5 to 2.5	Pass
				30	3.85	33.088	0.0125	-2.5 to 2.5	Pass
				40	3.85	39.682	0.0150	-2.5 to 2.5	Pass
				50	3.85	31.028	0.0117	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2560	50	0	20	3.27	-29.697	-0.0116	-2.5 to 2.5	Pass
					3.85	-38.180	-0.0149	-2.5 to 2.5	Pass
					4.43	-28.410	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-32.959	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-27.137	-0.0106	-2.5 to 2.5	Pass

				-10	3.85	-16.809	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-17.138	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-16.537	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-16.708	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-14.820	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-13.189	-0.0052	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	20.099	0.0077	-2.5 to 2.5	Pass
					3.85	-11.215	-0.0043	-2.5 to 2.5	Pass
					4.43	-11.201	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-17.052	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-17.896	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-14.505	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-15.063	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-7.052	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-8.011	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-11.816	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-21.272	-0.0082	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	21.014	0.0079	-2.5 to 2.5	Pass
					3.85	-12.803	-0.0048	-2.5 to 2.5	Pass
					4.43	-8.898	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.85	10.729	0.0040	-2.5 to 2.5	Pass
				10	3.85	6.523	0.0025	-2.5 to 2.5	Pass
				30	3.85	8.054	0.0030	-2.5 to 2.5	Pass
				40	3.85	22.345	0.0084	-2.5 to 2.5	Pass
				50	3.85	19.684	0.0074	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	-11.001	-0.0043	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0037	-2.5 to 2.5	Pass
					4.43	-15.321	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-24.147	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-34.075	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-29.397	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-34.719	-0.0136	-2.5 to 2.5	Pass
				10	3.85	-34.547	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-26.093	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-36.106	-0.0141	-2.5 to 2.5	Pass
				50	3.85	-39.725	-0.0155	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-13.504	-0.0052	-2.5 to 2.5	Pass
					3.85	3.691	0.0014	-2.5 to 2.5	Pass
					4.43	-3.619	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-10.929	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-12.231	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-4.907	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.678	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0015	-2.5 to 2.5	Pass
				50	3.85	0.515	0.0002	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	21.615	0.0082	-2.5 to 2.5	Pass
					3.85	33.846	0.0128	-2.5 to 2.5	Pass
					4.43	33.674	0.0127	-2.5 to 2.5	Pass
				-30	3.85	31.815	0.0120	-2.5 to 2.5	Pass
				-20	3.85	36.464	0.0138	-2.5 to 2.5	Pass
				-10	3.85	22.373	0.0084	-2.5 to 2.5	Pass
				0	3.85	28.138	0.0106	-2.5 to 2.5	Pass
				10	3.85	32.544	0.0123	-2.5 to 2.5	Pass
				30	3.85	26.550	0.0100	-2.5 to 2.5	Pass

				40	3.85	30.985	0.0117	-2.5 to 2.5	Pass
				50	3.85	21.014	0.0079	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2562.5	75	0	20	3.27	-24.033	-0.0094	-2.5 to 2.5	Pass
					3.85	-39.897	-0.0156	-2.5 to 2.5	Pass
					4.43	-38.967	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-31.457	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-32.544	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-27.981	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-28.725	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-25.477	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-28.539	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-25.148	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-32.187	-0.0126	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	10.901	0.0042	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0018	-2.5 to 2.5	Pass
					4.43	-10.228	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-9.270	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.882	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.176	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0001	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-2.675	-0.0010	-2.5 to 2.5	Pass
					3.85	-14.963	-0.0057	-2.5 to 2.5	Pass
					4.43	-26.393	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-24.734	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-19.469	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-21.973	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-16.379	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-19.212	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-18.253	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-20.714	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-17.195	-0.0065	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	-27.823	-0.0109	-2.5 to 2.5	Pass
					3.85	-18.725	-0.0073	-2.5 to 2.5	Pass
					4.43	-21.944	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-23.918	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-21.815	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-27.151	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-27.337	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-23.046	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-25.349	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-36.106	-0.0141	-2.5 to 2.5	Pass
				50	3.85	-27.680	-0.0108	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	8.326	0.0032	-2.5 to 2.5	Pass
					3.85	8.783	0.0034	-2.5 to 2.5	Pass
					4.43	3.691	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.636	0.0022	-2.5 to 2.5	Pass
				-20	3.85	12.946	0.0050	-2.5 to 2.5	Pass
				-10	3.85	7.582	0.0029	-2.5 to 2.5	Pass

		2647.5	75	0	0	3.85	15.721	0.0060	-2.5 to 2.5	Pass
					10	3.85	14.634	0.0056	-2.5 to 2.5	Pass
					30	3.85	20.185	0.0077	-2.5 to 2.5	Pass
					40	3.85	23.460	0.0090	-2.5 to 2.5	Pass
					50	3.85	25.063	0.0096	-2.5 to 2.5	Pass
			20		3.27	-17.381	-0.0066	-2.5 to 2.5	Pass	
					3.85	-9.685	-0.0037	-2.5 to 2.5	Pass	
					4.43	-6.537	-0.0025	-2.5 to 2.5	Pass	
			-30		3.85	-10.242	-0.0039	-2.5 to 2.5	Pass	
			-20		3.85	-15.836	-0.0060	-2.5 to 2.5	Pass	
			-10		3.85	-11.816	-0.0045	-2.5 to 2.5	Pass	
			0		3.85	-13.146	-0.0050	-2.5 to 2.5	Pass	
			10		3.85	-15.550	-0.0059	-2.5 to 2.5	Pass	
			30		3.85	-10.343	-0.0039	-2.5 to 2.5	Pass	
			40		3.85	-14.248	-0.0054	-2.5 to 2.5	Pass	
			50		3.85	-8.540	-0.0032	-2.5 to 2.5	Pass	

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2565	100	0	20	3.27	-21.987	-0.0086	-2.5 to 2.5	Pass
					3.85	3.533	0.0014	-2.5 to 2.5	Pass
					4.43	11.015	0.0043	-2.5 to 2.5	Pass
				-30	3.85	6.881	0.0027	-2.5 to 2.5	Pass
				-20	3.85	14.405	0.0056	-2.5 to 2.5	Pass
				-10	3.85	12.088	0.0047	-2.5 to 2.5	Pass
				0	3.85	5.150	0.0020	-2.5 to 2.5	Pass
				10	3.85	8.554	0.0033	-2.5 to 2.5	Pass
				30	3.85	9.556	0.0037	-2.5 to 2.5	Pass
				40	3.85	12.646	0.0049	-2.5 to 2.5	Pass
				50	3.85	16.022	0.0062	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	38.738	0.0149	-2.5 to 2.5	Pass
					3.85	22.244	0.0085	-2.5 to 2.5	Pass
					4.43	27.494	0.0106	-2.5 to 2.5	Pass
				-30	3.85	25.721	0.0099	-2.5 to 2.5	Pass
				-20	3.85	27.437	0.0105	-2.5 to 2.5	Pass
				-10	3.85	30.484	0.0117	-2.5 to 2.5	Pass
				0	3.85	33.488	0.0129	-2.5 to 2.5	Pass
				10	3.85	31.657	0.0122	-2.5 to 2.5	Pass
				30	3.85	33.660	0.0129	-2.5 to 2.5	Pass
				40	3.85	32.759	0.0126	-2.5 to 2.5	Pass
				50	3.85	32.115	0.0123	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-1.702	-0.0006	-2.5 to 2.5	Pass
					3.85	-28.338	-0.0107	-2.5 to 2.5	Pass
					4.43	-42.629	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-36.249	-0.0137	-2.5 to 2.5	Pass
				-20	3.85	-25.806	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	4.907	0.0019	-2.5 to 2.5	Pass
				0	3.85	7.653	0.0029	-2.5 to 2.5	Pass
				10	3.85	6.866	0.0026	-2.5 to 2.5	Pass
				30	3.85	3.333	0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0011	-2.5 to 2.5	Pass
				50	3.85	7.510	0.0028	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.27	14.162	0.0055	-2.5 to 2.5	Pass
					3.85	10.257	0.0040	-2.5 to 2.5	Pass
					4.43	13.118	0.0051	-2.5 to 2.5	Pass

				-30	3.85	17.896	0.0070	-2.5 to 2.5	Pass
				-20	3.85	16.952	0.0066	-2.5 to 2.5	Pass
				-10	3.85	22.187	0.0086	-2.5 to 2.5	Pass
				0	3.85	21.243	0.0083	-2.5 to 2.5	Pass
				10	3.85	20.413	0.0080	-2.5 to 2.5	Pass
				30	3.85	23.532	0.0092	-2.5 to 2.5	Pass
				40	3.85	15.421	0.0060	-2.5 to 2.5	Pass
				50	3.85	20.270	0.0079	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	40.741	0.0156	-2.5 to 2.5	Pass
					3.85	-13.433	-0.0052	-2.5 to 2.5	Pass
					4.43	-17.481	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-15.292	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-12.846	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-12.560	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0002	-2.5 to 2.5	Pass
				40	3.85	8.297	0.0032	-2.5 to 2.5	Pass
				50	3.85	4.392	0.0017	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	3.018	0.0011	-2.5 to 2.5	Pass
					3.85	13.461	0.0051	-2.5 to 2.5	Pass
					4.43	6.437	0.0024	-2.5 to 2.5	Pass
				-30	3.85	11.344	0.0043	-2.5 to 2.5	Pass
				-20	3.85	2.232	0.0008	-2.5 to 2.5	Pass
				-10	3.85	7.768	0.0029	-2.5 to 2.5	Pass
				0	3.85	10.142	0.0038	-2.5 to 2.5	Pass
				10	3.85	11.916	0.0045	-2.5 to 2.5	Pass
				30	3.85	8.640	0.0033	-2.5 to 2.5	Pass
				40	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				50	3.85	6.638	0.0025	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2605	25	0	Refer To Test Graph	Pass
16QAM	2605	25	0	Refer To Test Graph	Pass

3.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2605	50	0	Refer To Test Graph	Pass
16QAM	2605	50	0	Refer To Test Graph	Pass

3.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV					
------------------------------------	--	--	--	--	--

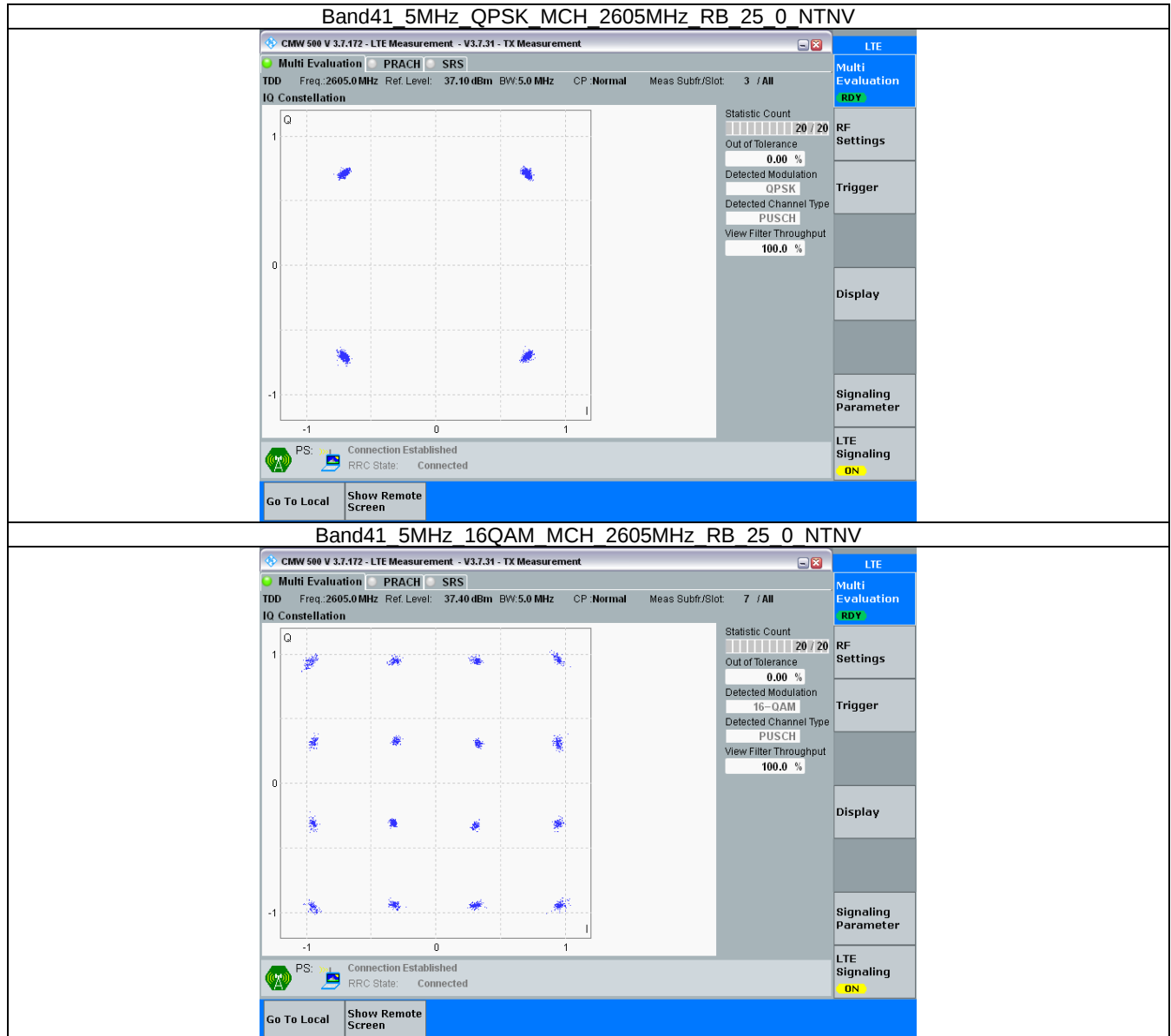
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

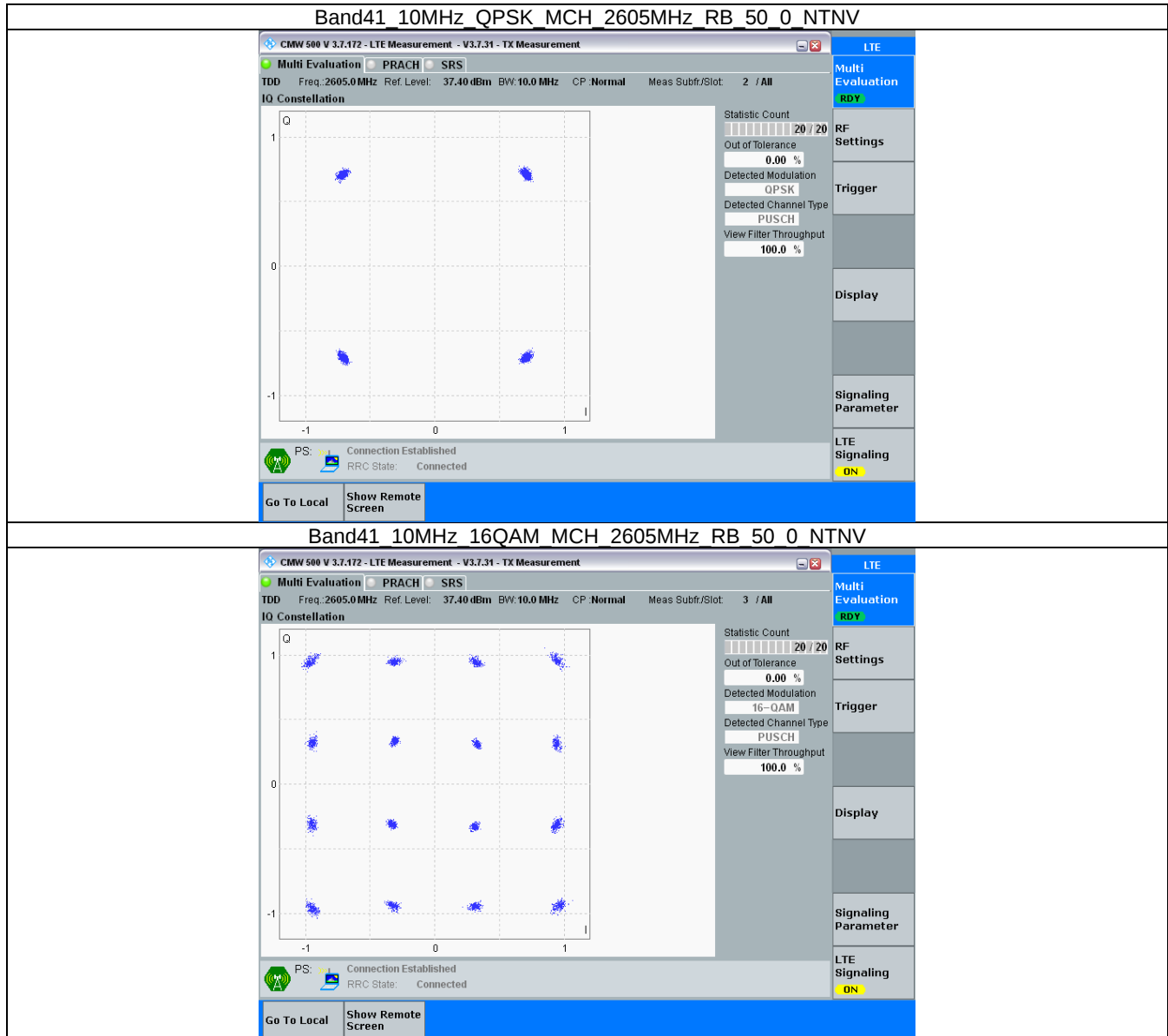
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

3.2 Test Graph

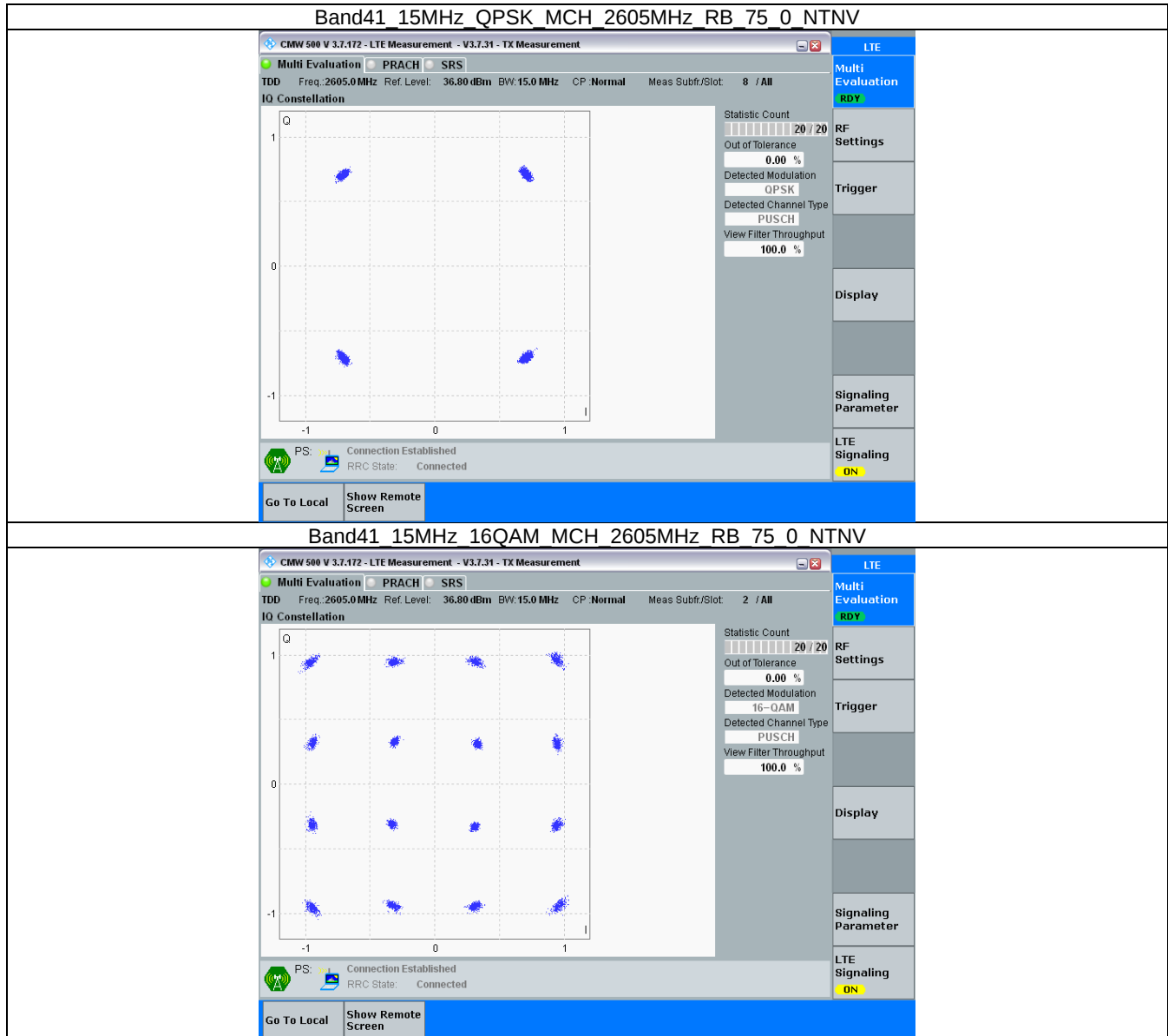
3.2.1 B41_5MHz



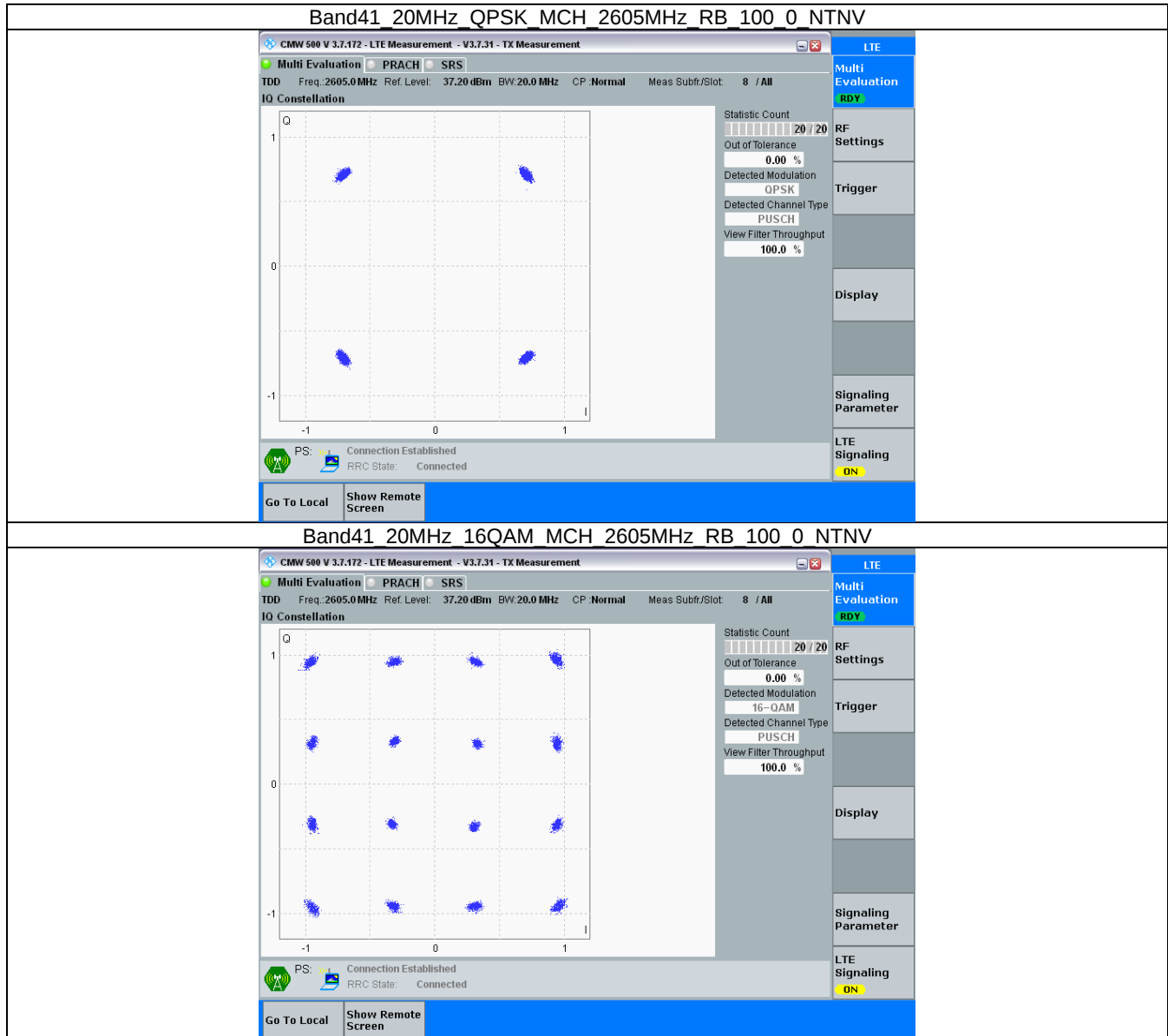
3.2.2 B41_10MHz



3.2.3 B41_15MHz



3.2.4 B41_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	4.562	/	Pass
		2605	25	0	4.546	/	Pass
		2652.5	25	0	4.547	/	Pass
	16QAM	2557.5	25	0	4.554	/	Pass
		2605	25	0	4.544	/	Pass
		2652.5	25	0	4.576	/	Pass
10	QPSK	2560	50	0	9.073	/	Pass
		2605	50	0	9.100	/	Pass
		2650	50	0	9.047	/	Pass
	16QAM	2560	50	0	9.061	/	Pass
		2605	50	0	9.004	/	Pass
		2650	50	0	9.049	/	Pass
15	QPSK	2562.5	75	0	13.575	/	Pass
		2605	75	0	13.493	/	Pass
		2647.5	75	0	13.586	/	Pass
	16QAM	2562.5	75	0	13.626	/	Pass
		2605	75	0	13.620	/	Pass
		2647.5	75	0	13.642	/	Pass
20	QPSK	2565	100	0	18.126	/	Pass
		2605	100	0	18.093	/	Pass
		2645	100	0	18.105	/	Pass
	16QAM	2565	100	0	17.975	/	Pass
		2605	100	0	18.176	/	Pass
		2645	100	0	18.186	/	Pass

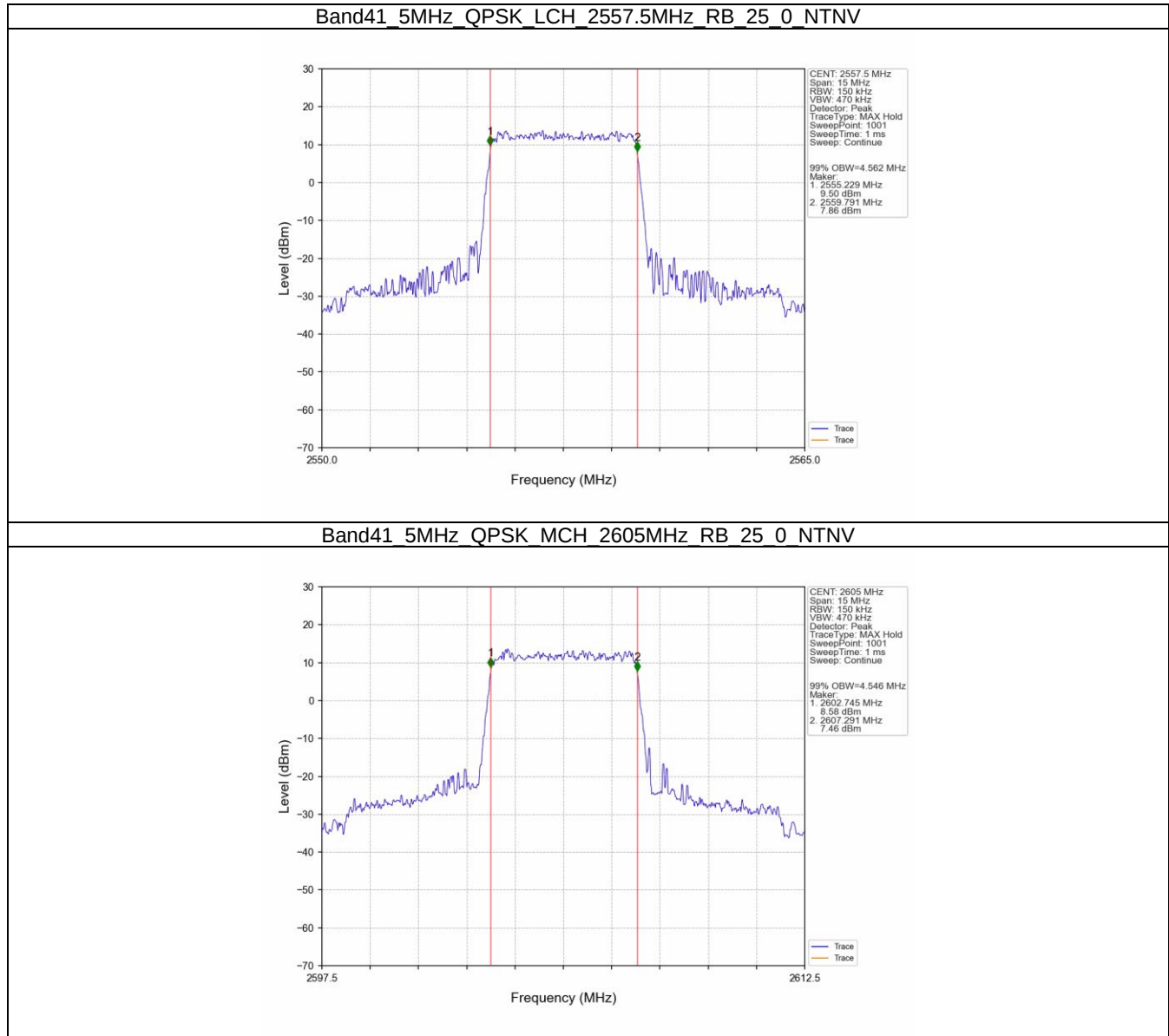
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.051	/	Pass
		2605	25	0	5.052	/	Pass
		2652.5	25	0	5.030	/	Pass
	16QAM	2557.5	25	0	5.090	/	Pass
		2605	25	0	5.052	/	Pass
		2652.5	25	0	5.167	/	Pass
10	QPSK	2560	50	0	9.970	/	Pass
		2605	50	0	10.001	/	Pass
		2650	50	0	10.015	/	Pass
	16QAM	2560	50	0	10.049	/	Pass
		2605	50	0	9.666	/	Pass
		2650	50	0	9.986	/	Pass
15	QPSK	2562.5	75	0	14.491	/	Pass
		2605	75	0	14.493	/	Pass
		2647.5	75	0	15.045	/	Pass

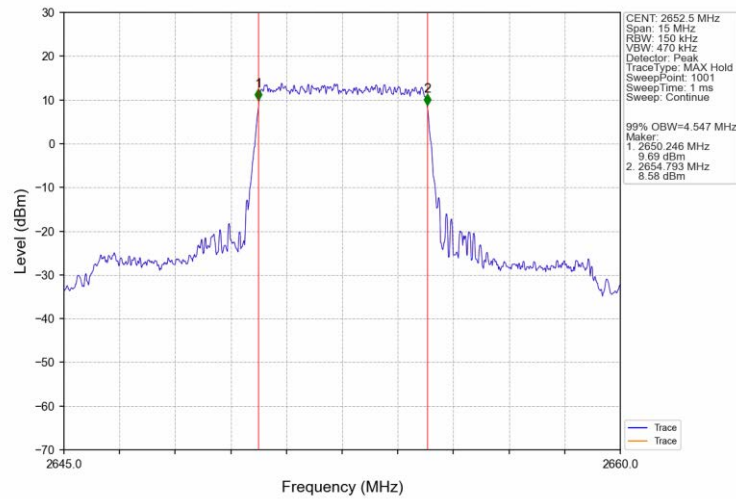
20	16QAM	2562.5	75	0	15.174	/	Pass
		2605	75	0	15.097	/	Pass
		2647.5	75	0	15.324	/	Pass
	QPSK	2565	100	0	19.270	/	Pass
		2605	100	0	19.338	/	Pass
		2645	100	0	19.878	/	Pass
	16QAM	2565	100	0	19.144	/	Pass
		2605	100	0	19.961	/	Pass
		2645	100	0	19.936	/	Pass

4.2 Test Graph

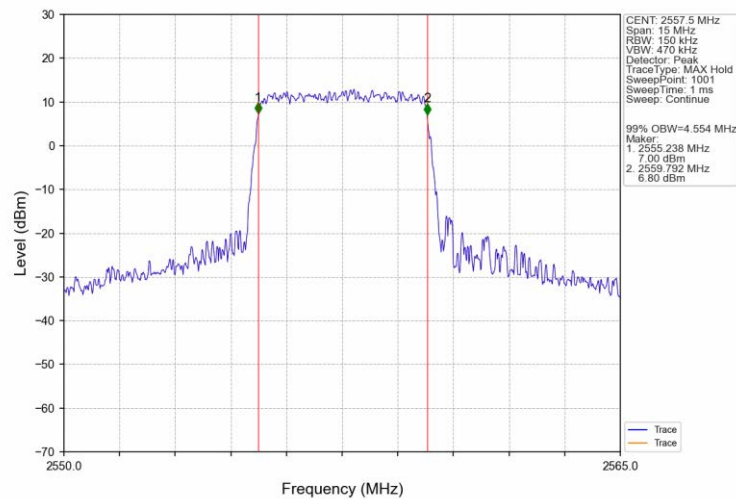
4.2.1 Band41_OBW



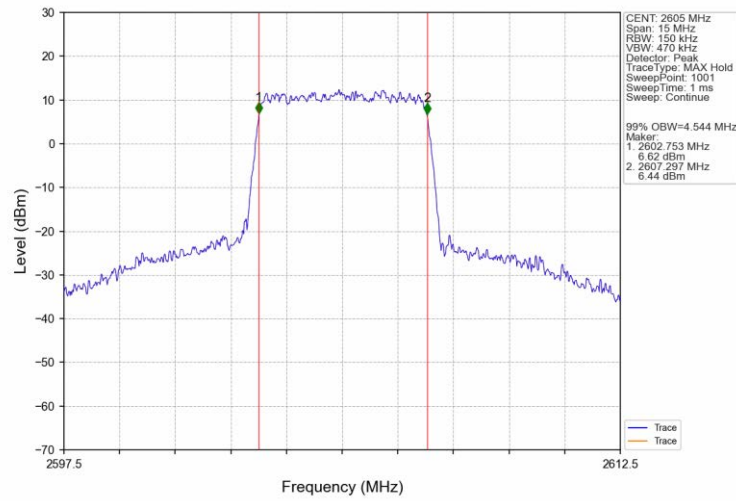
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



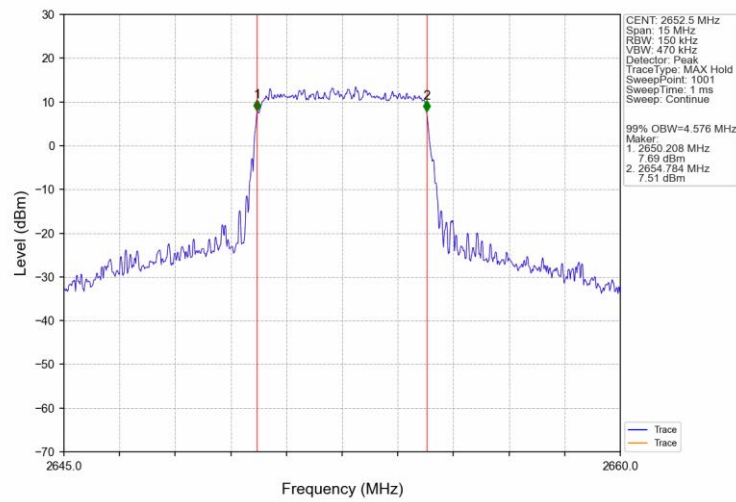
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



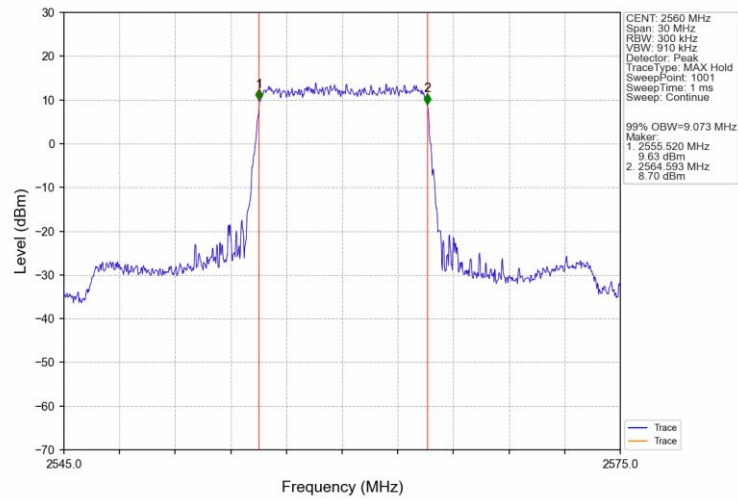
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



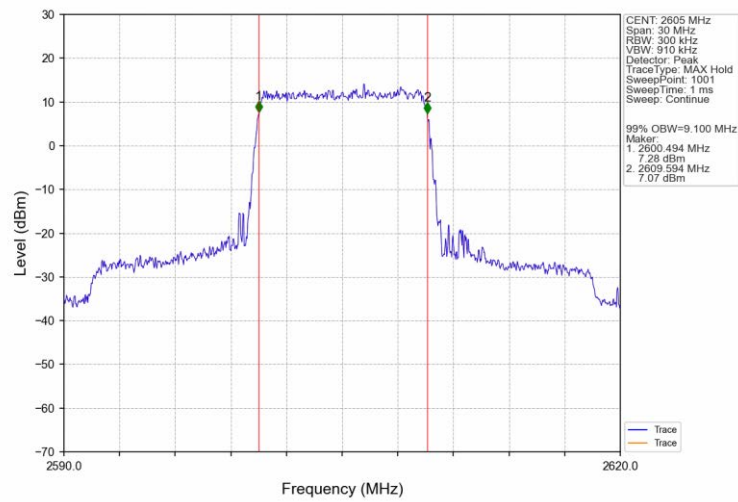
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



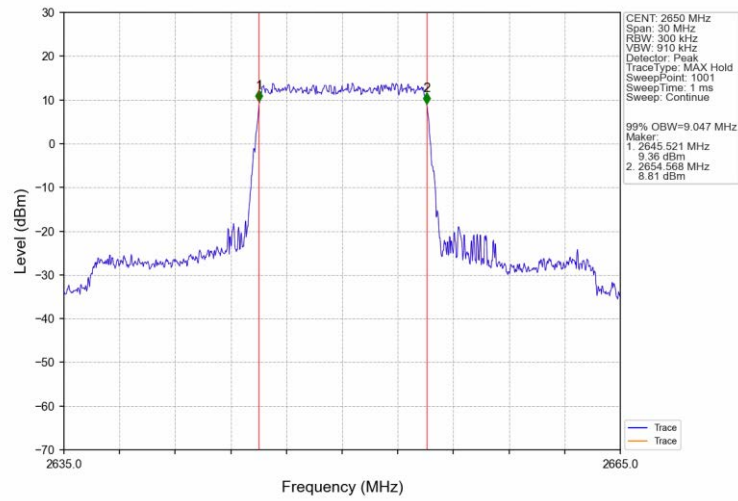
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



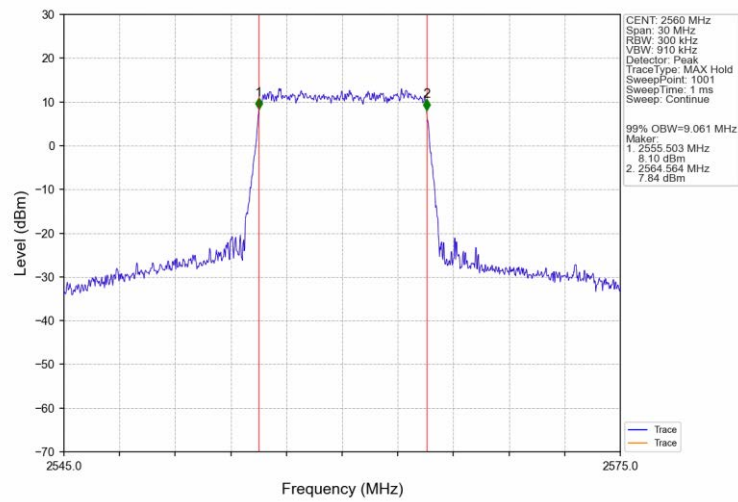
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



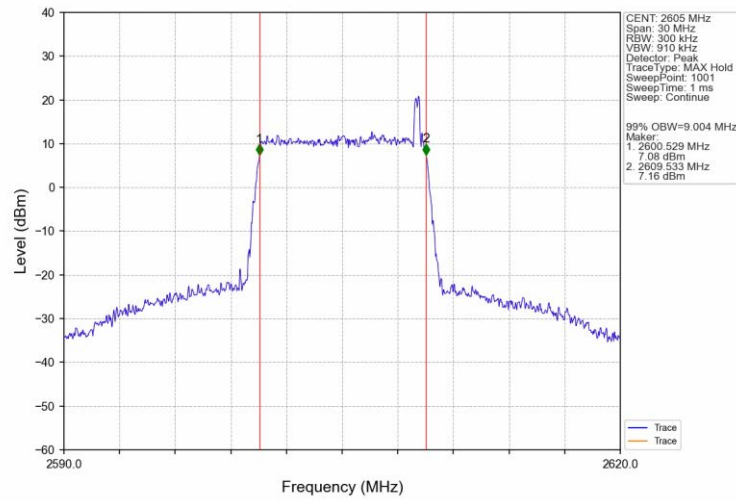
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



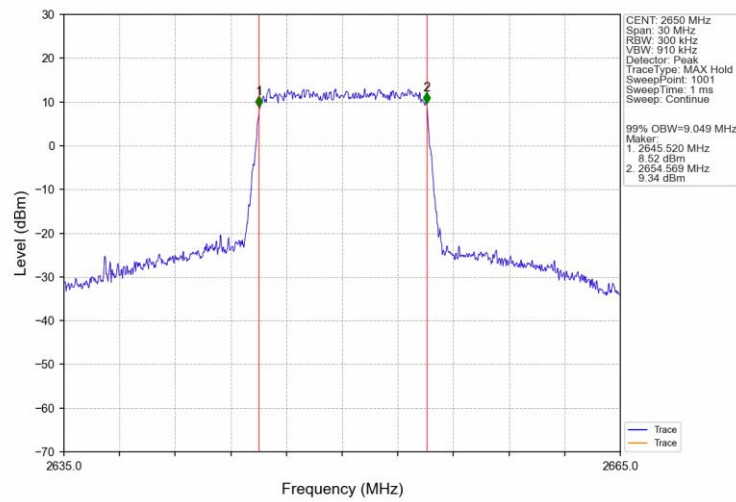
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



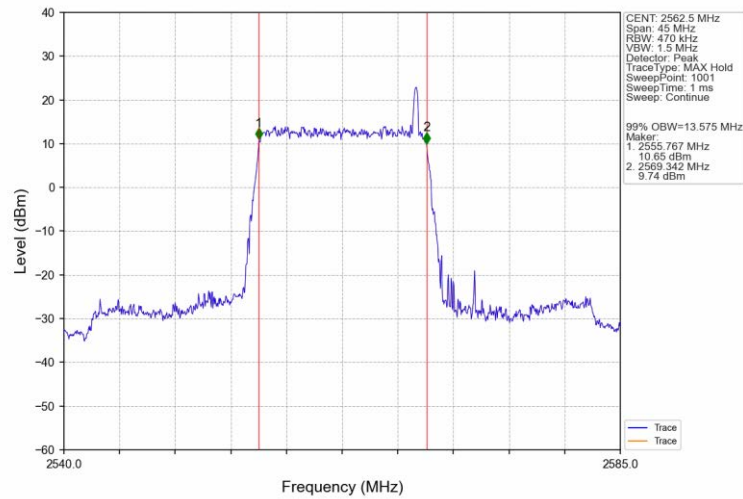
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



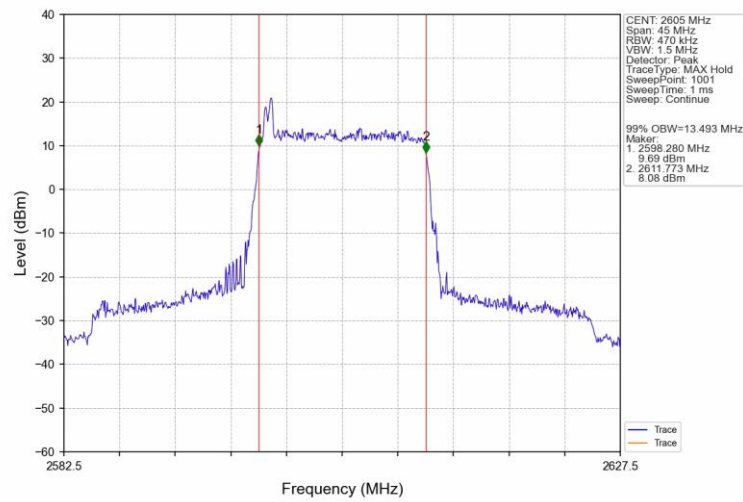
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



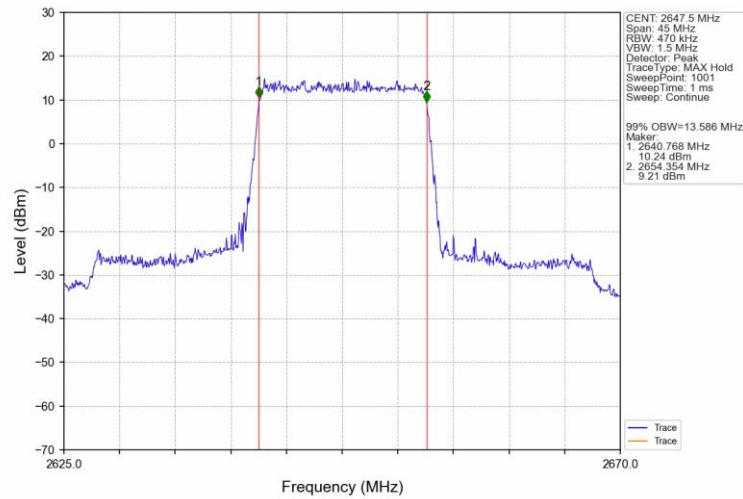
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



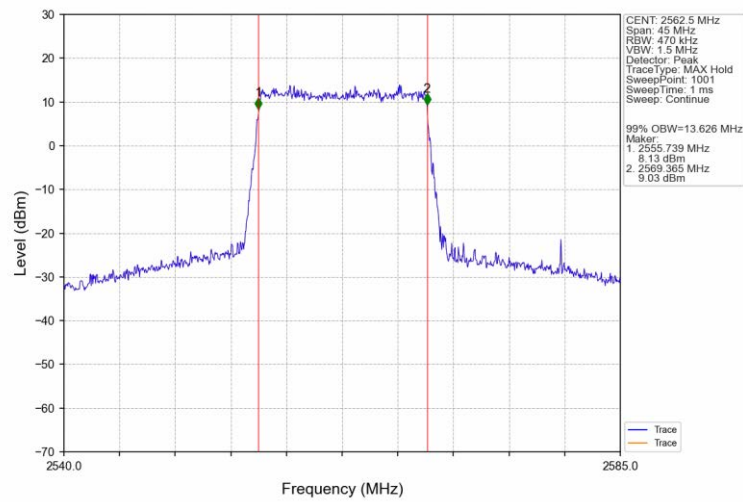
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



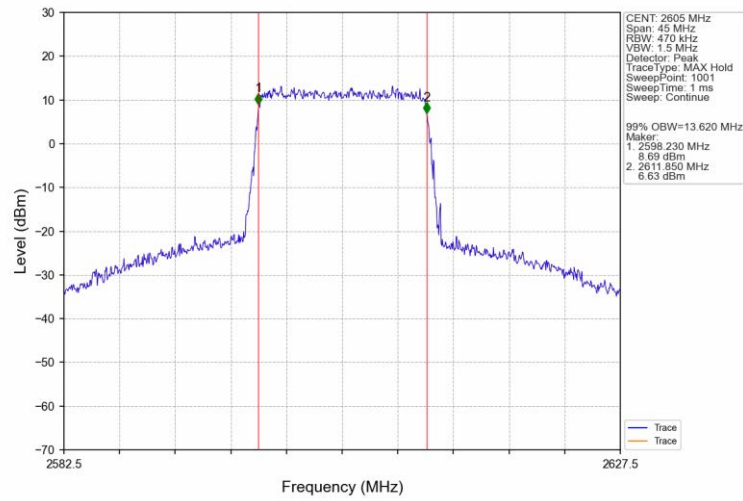
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



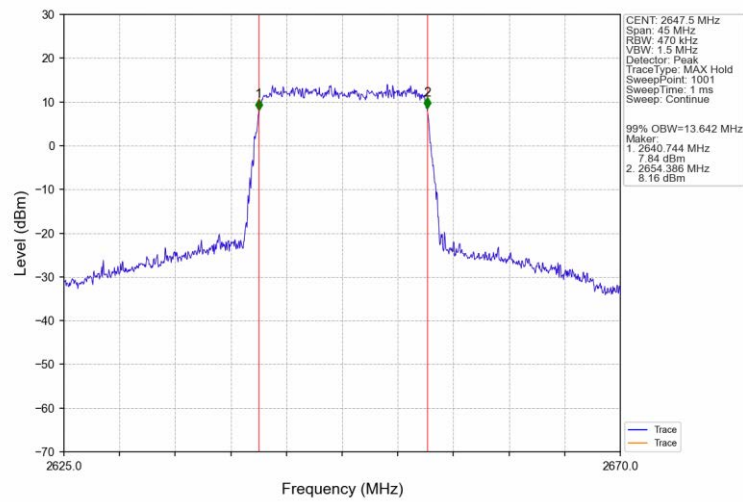
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



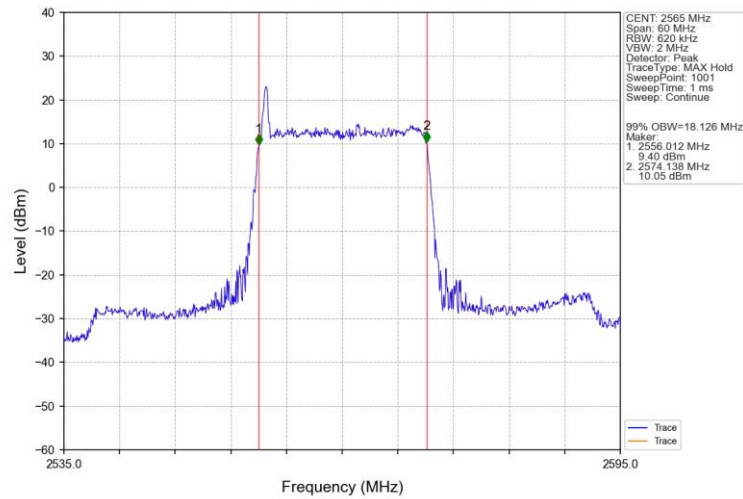
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



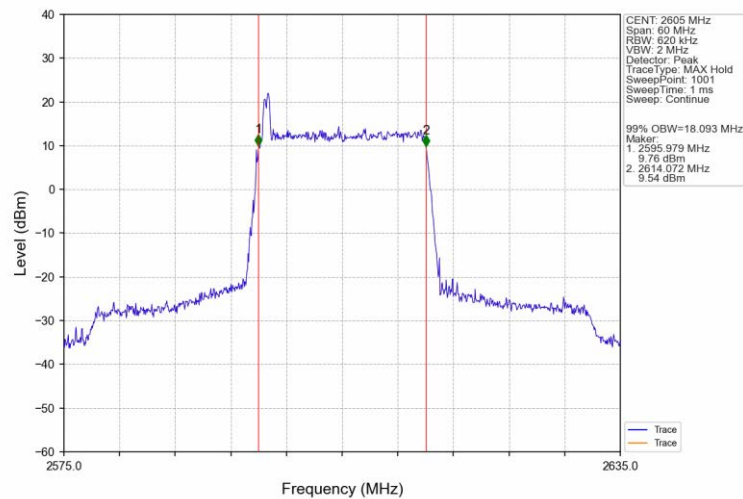
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



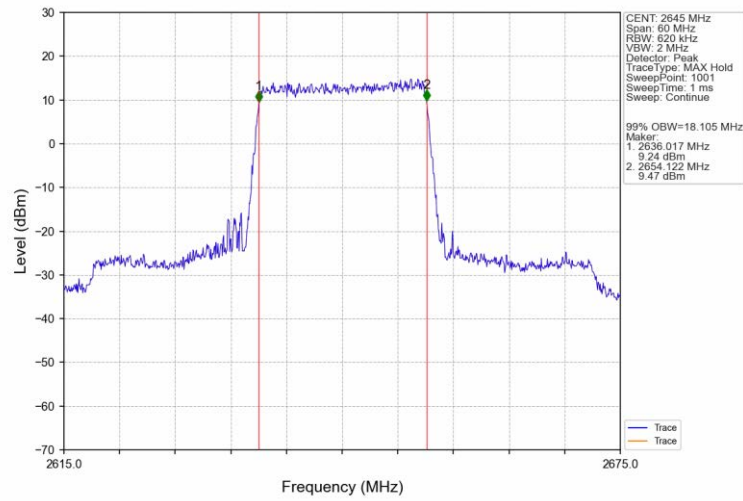
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



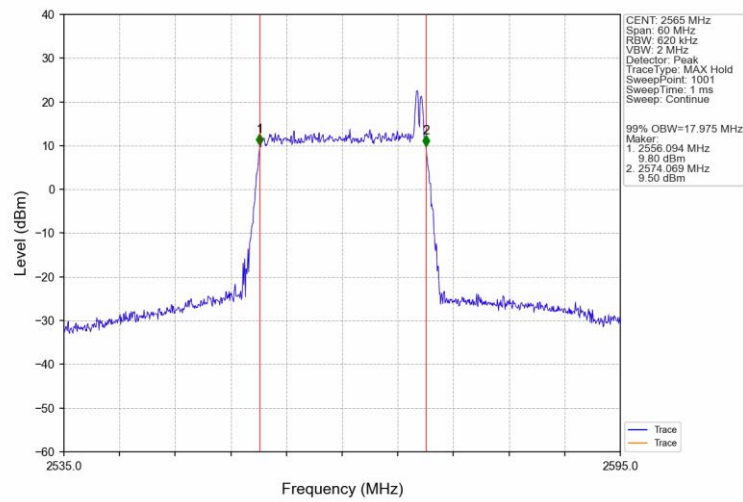
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



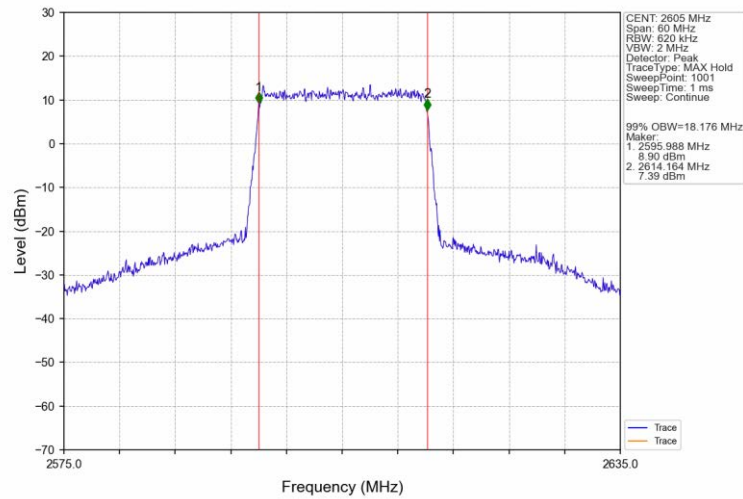
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



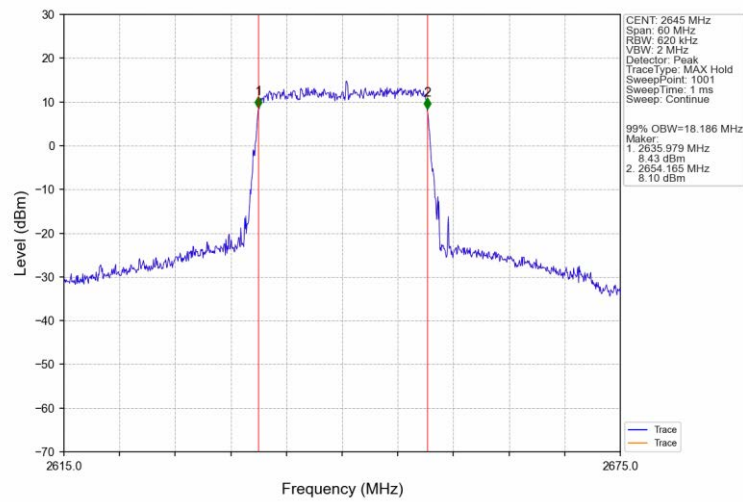
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV

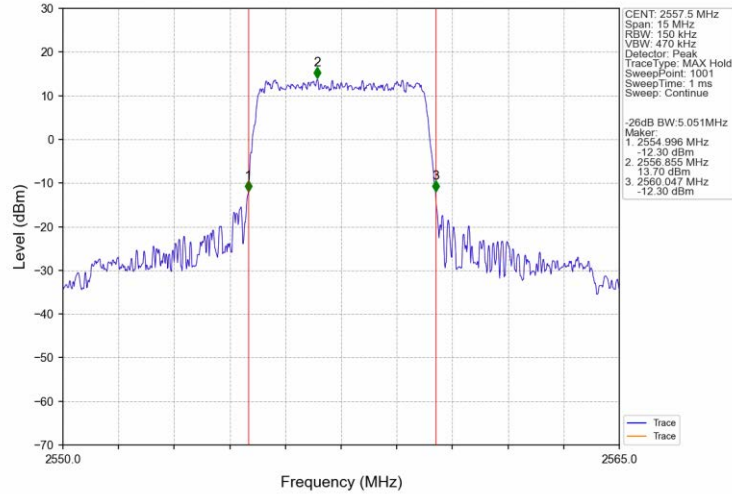


Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV

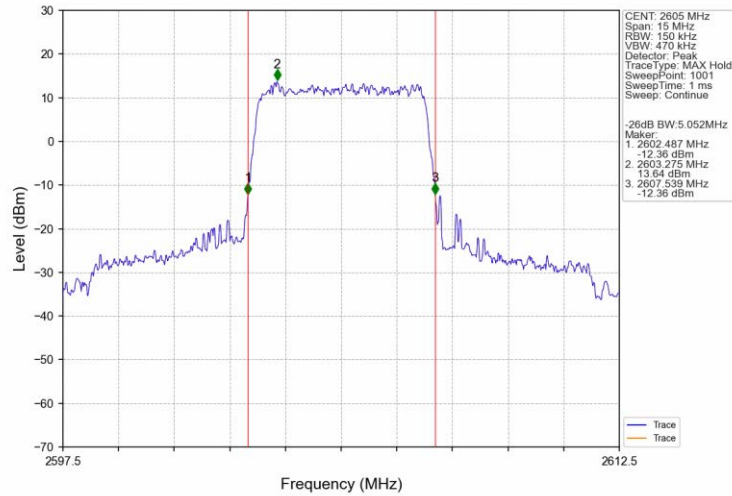


4.2.2 Band41_XDB

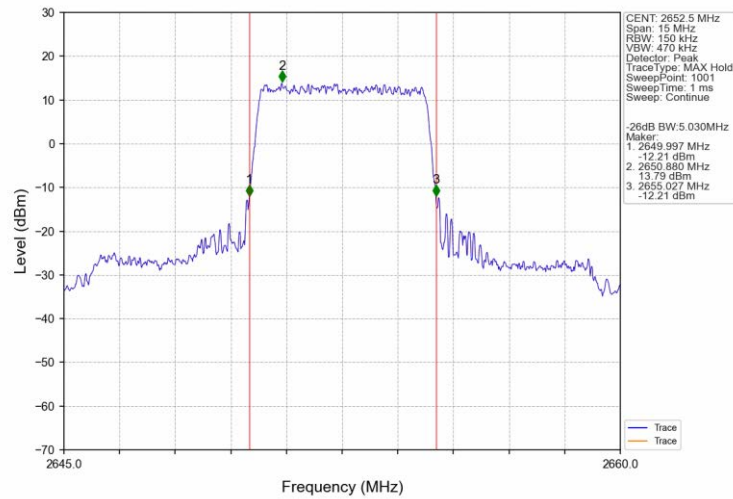
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



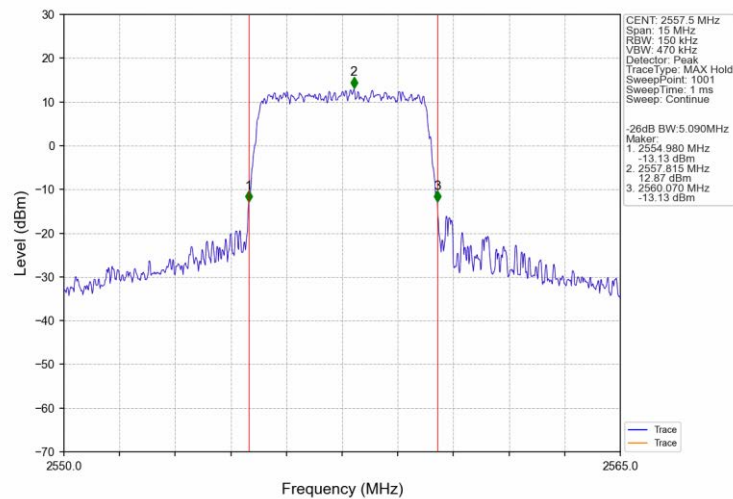
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



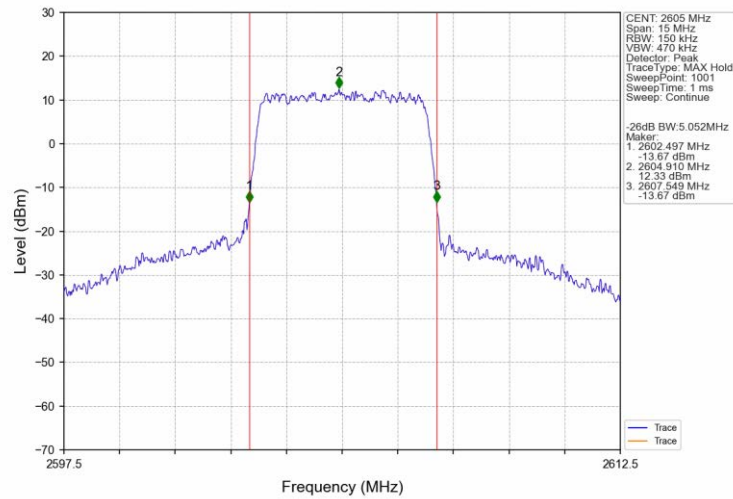
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



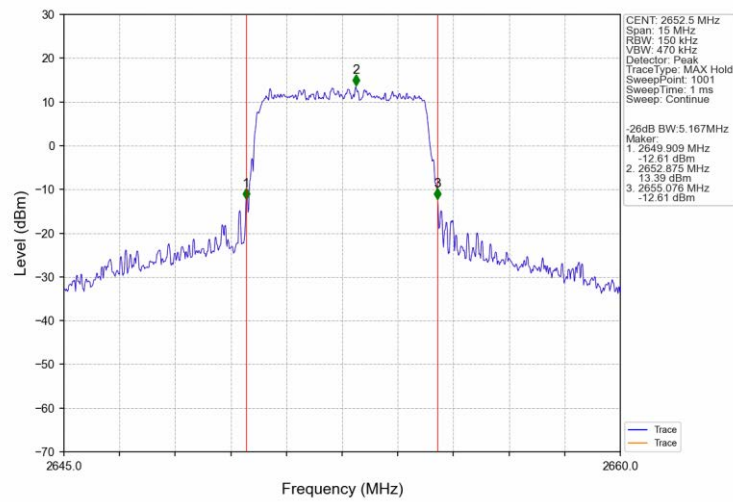
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



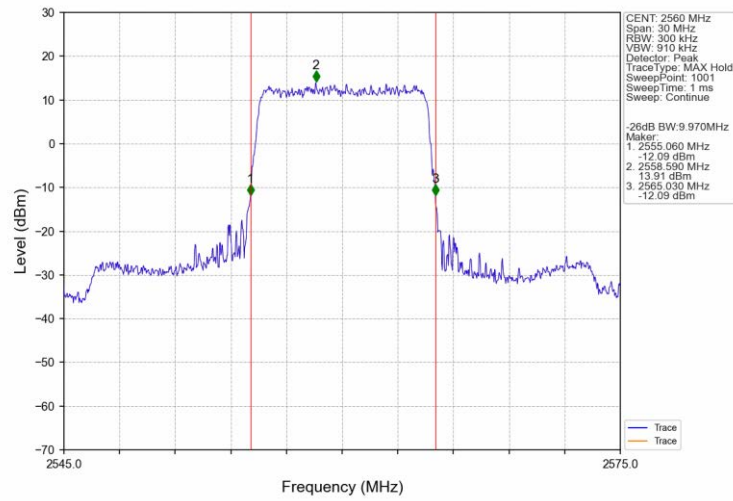
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



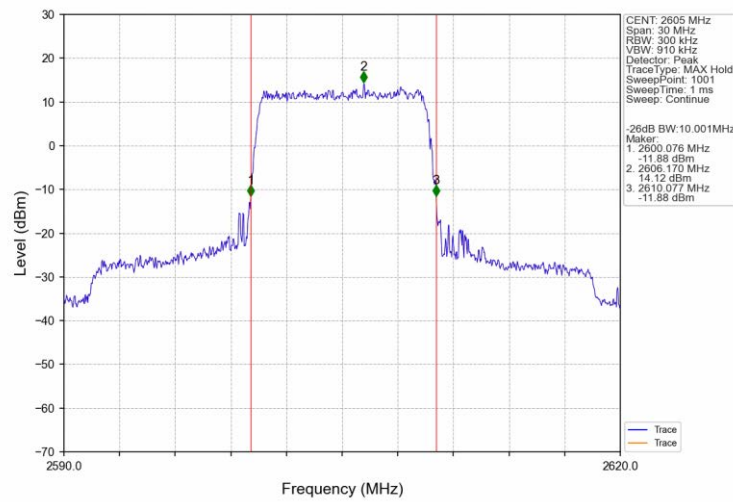
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



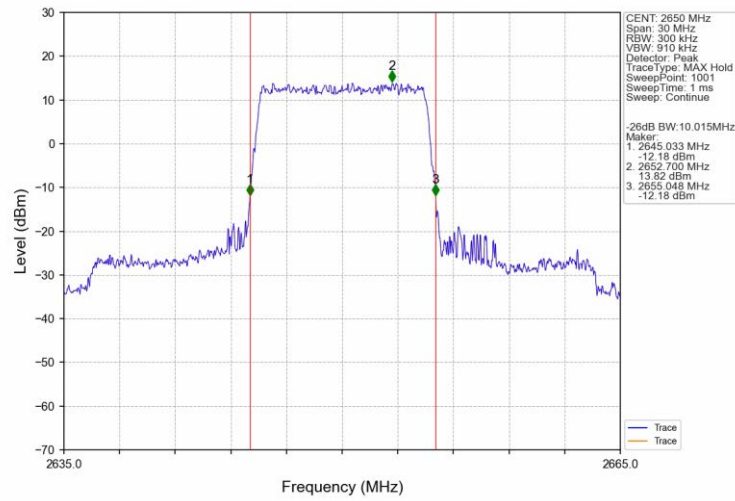
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



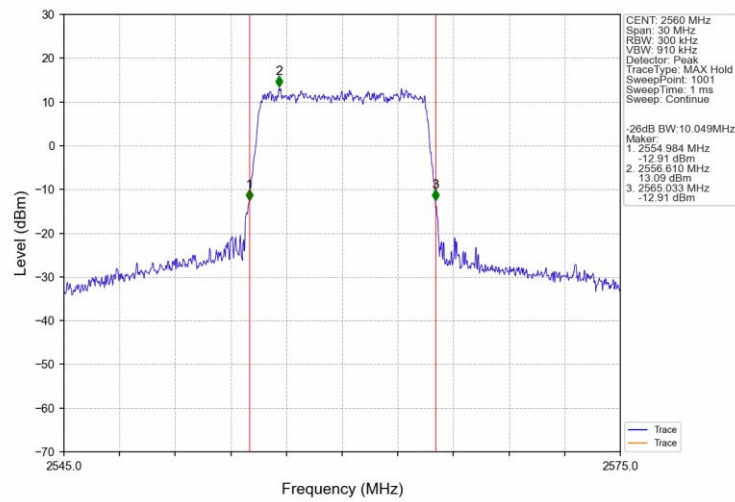
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



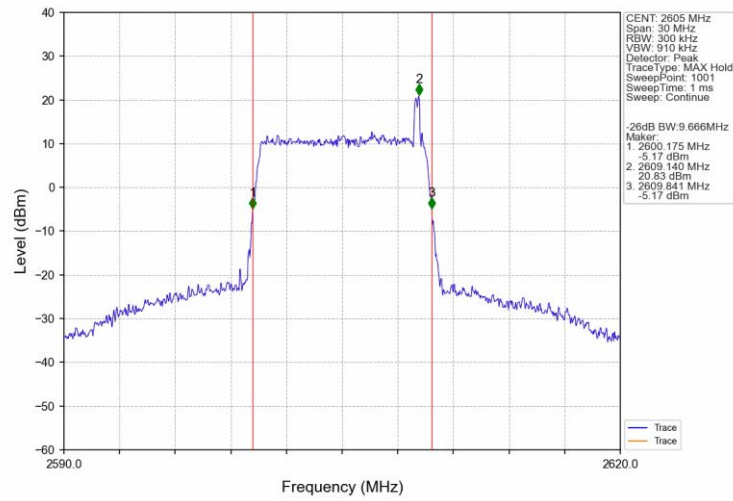
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



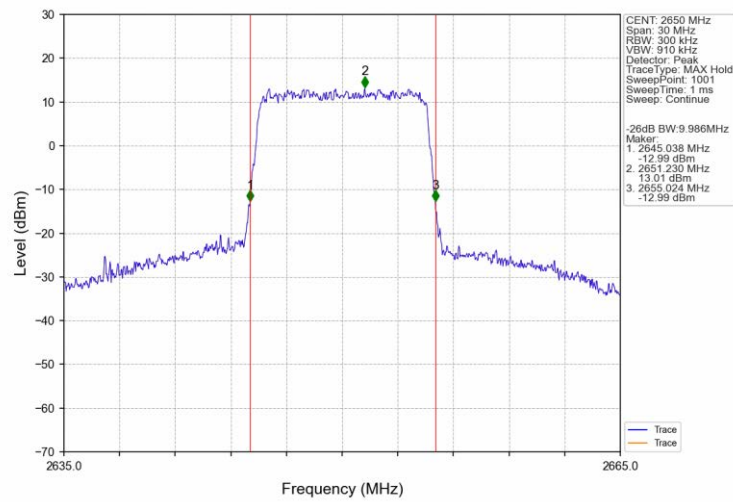
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



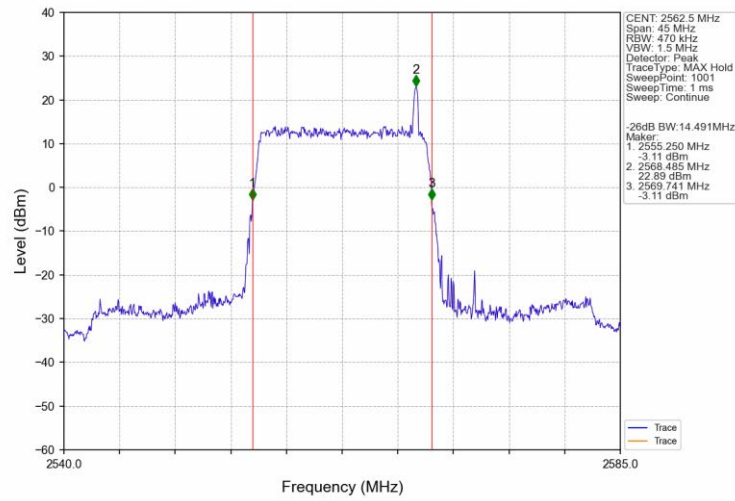
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



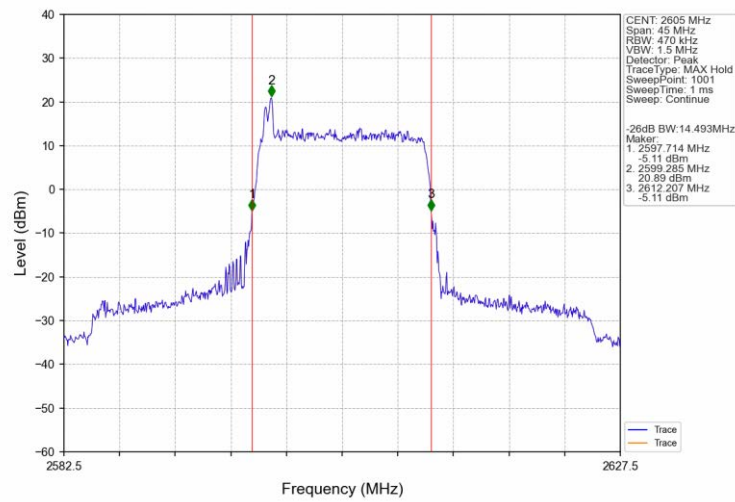
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



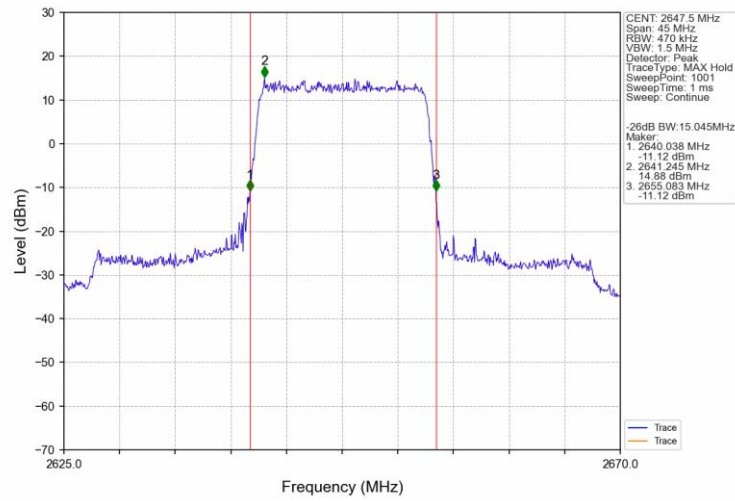
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



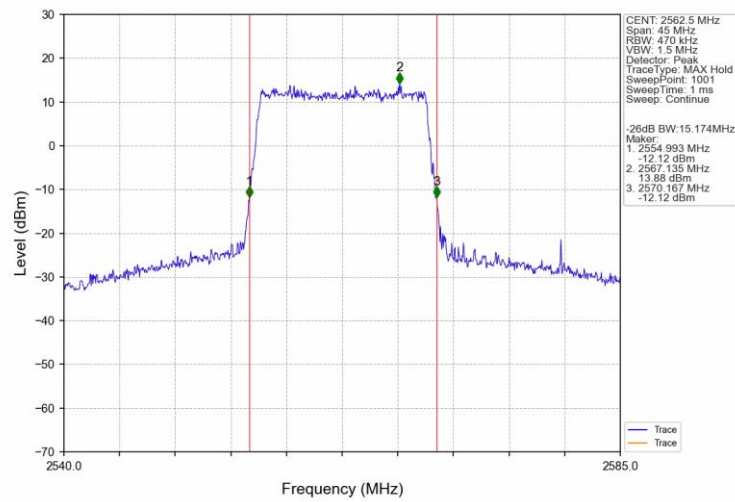
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



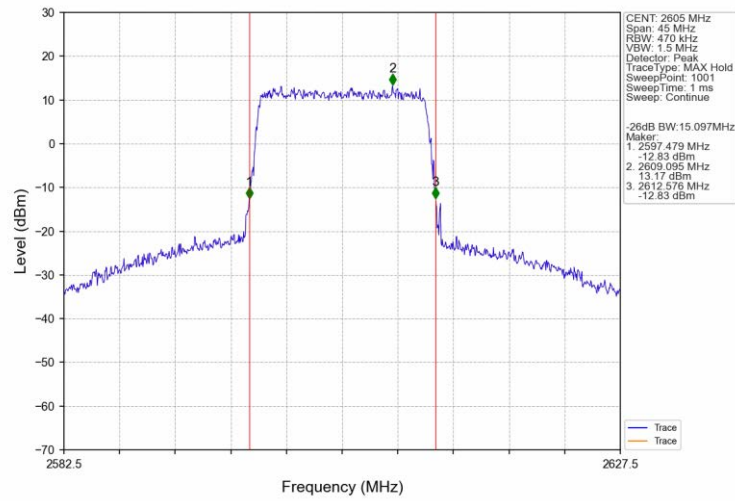
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



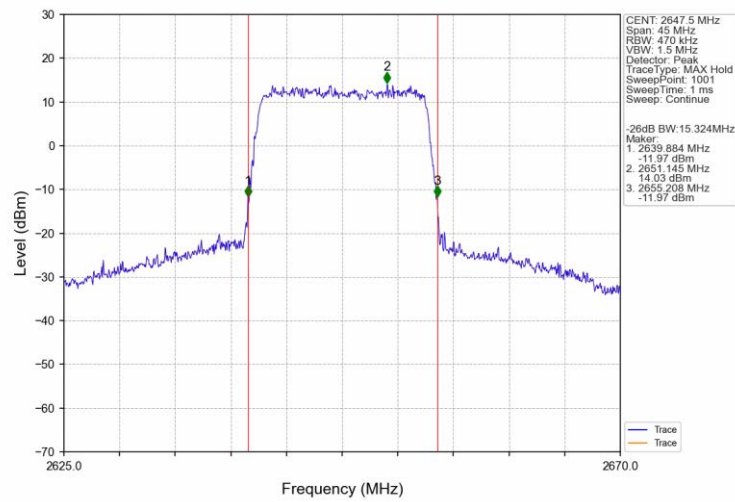
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



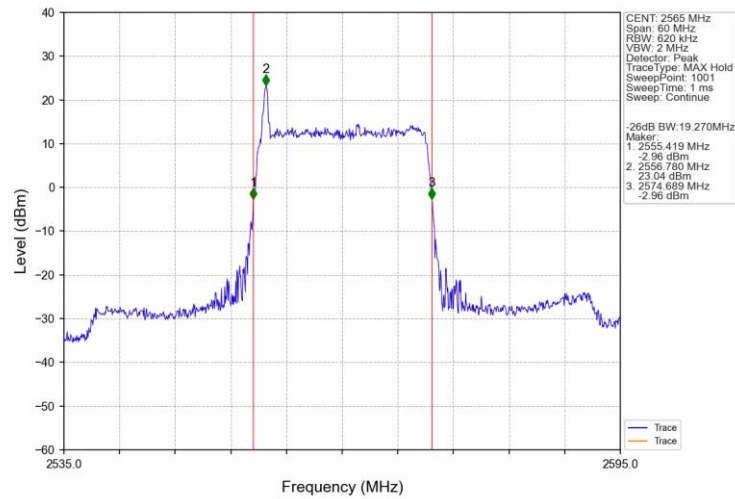
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



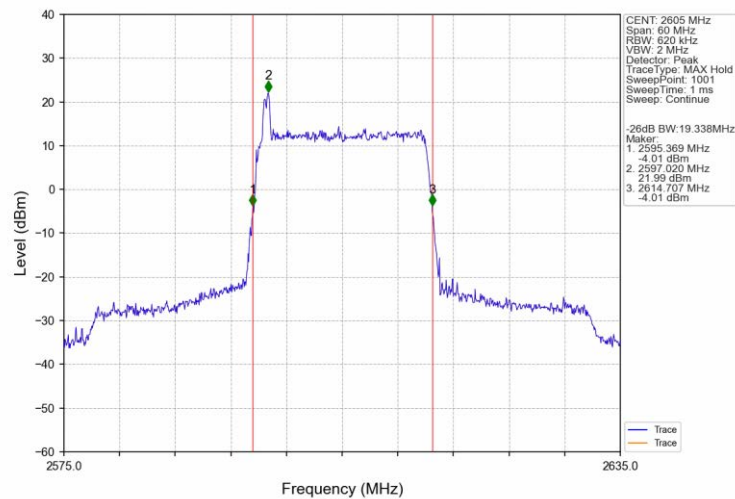
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



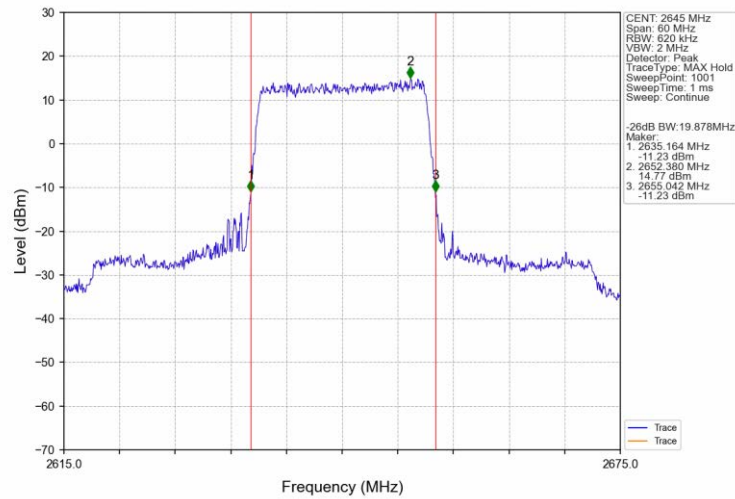
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



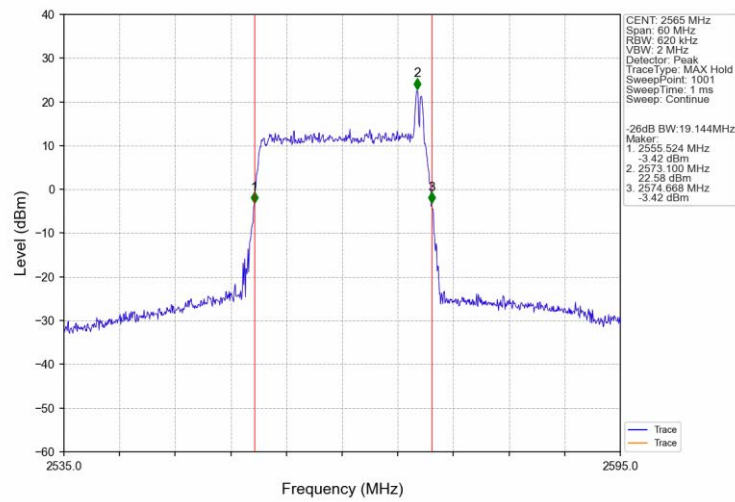
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



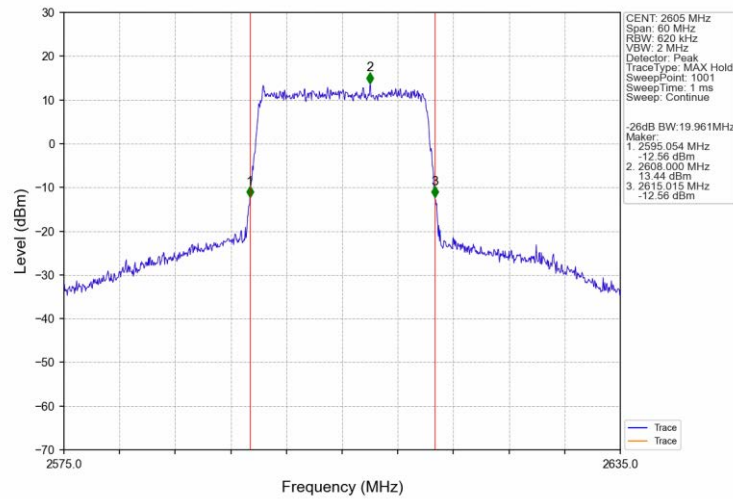
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



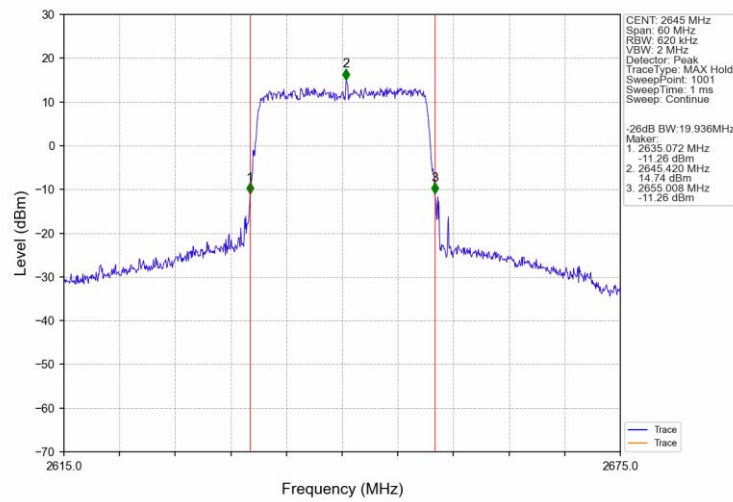
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	25	0	7.82	<=13	Pass
	2605	25	0	8.33	<=13	Pass
	2652.5	25	0	7.79	<=13	Pass
16QAM	2557.5	25	0	8.55	<=13	Pass
	2605	25	0	8.48	<=13	Pass
	2652.5	25	0	8.45	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	50	0	7.85	<=13	Pass
	2605	50	0	7.92	<=13	Pass
	2650	50	0	7.80	<=13	Pass
16QAM	2560	50	0	8.69	<=13	Pass
	2605	50	0	8.75	<=13	Pass
	2650	50	0	8.43	<=13	Pass

5.1.3 B41_15MHz

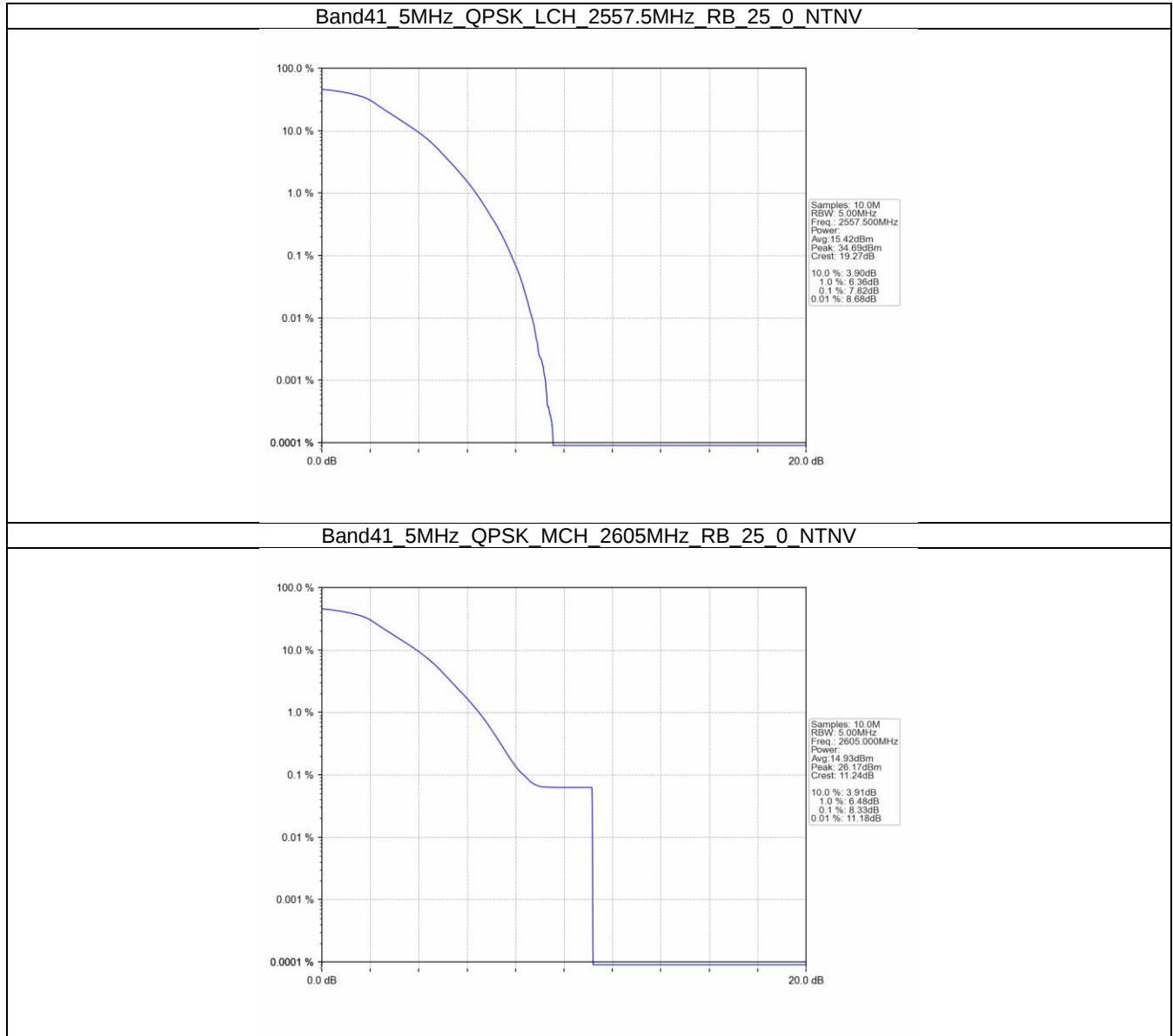
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	75	0	7.47	<=13	Pass
	2605	75	0	7.28	<=13	Pass
	2647.5	75	0	7.20	<=13	Pass
16QAM	2562.5	75	0	8.31	<=13	Pass
	2605	75	0	8.28	<=13	Pass
	2647.5	75	0	8.29	<=13	Pass

5.1.4 B41_20MHz

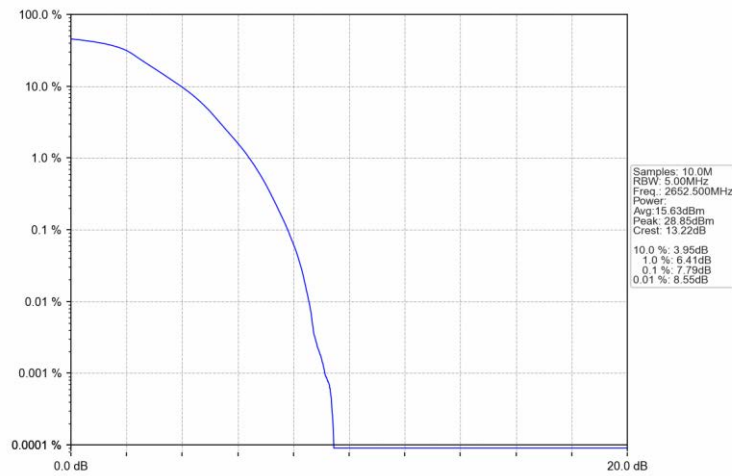
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.71	<=13	Pass
	2605	100	0	7.70	<=13	Pass
	2645	100	0	7.74	<=13	Pass
16QAM	2565	100	0	8.74	<=13	Pass
	2605	100	0	8.55	<=13	Pass
	2645	100	0	8.60	<=13	Pass

5.2 Test Graph

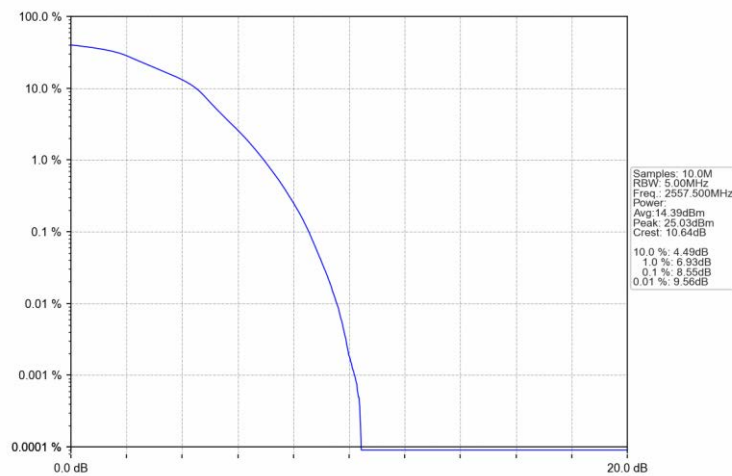
5.2.1 B41_5MHz



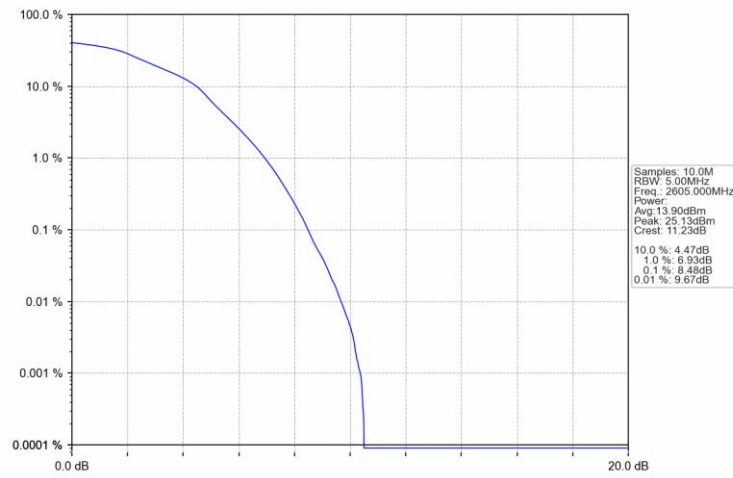
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



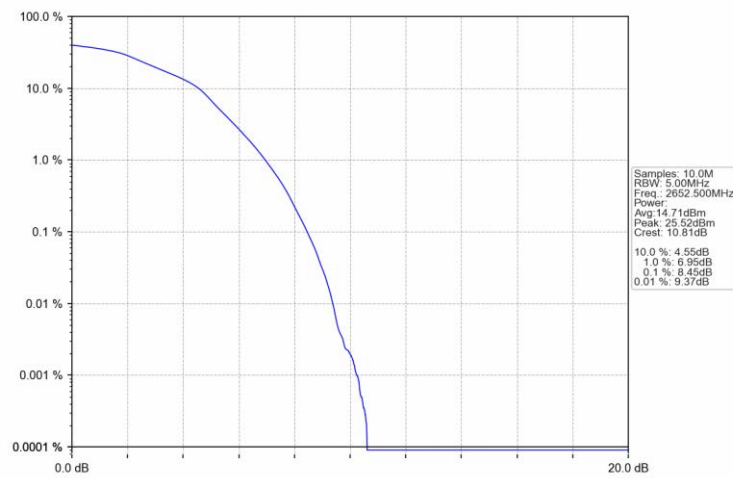
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV

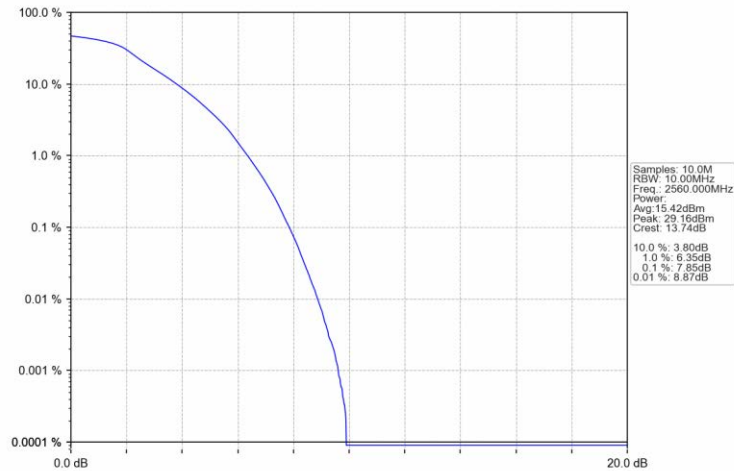


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

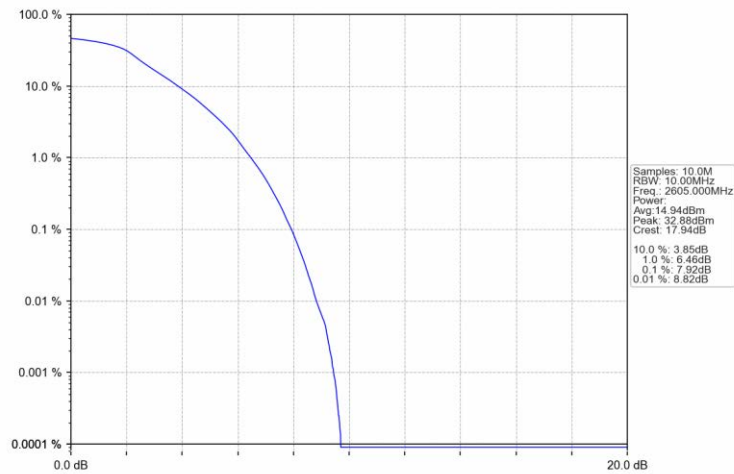


5.2.2 B41_10MHz

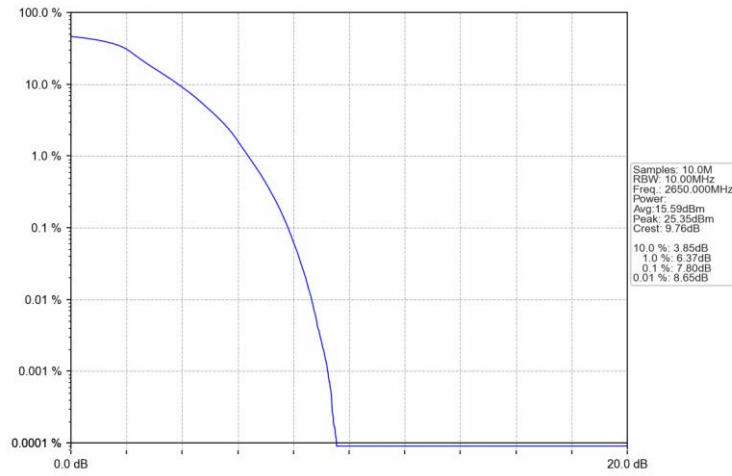
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



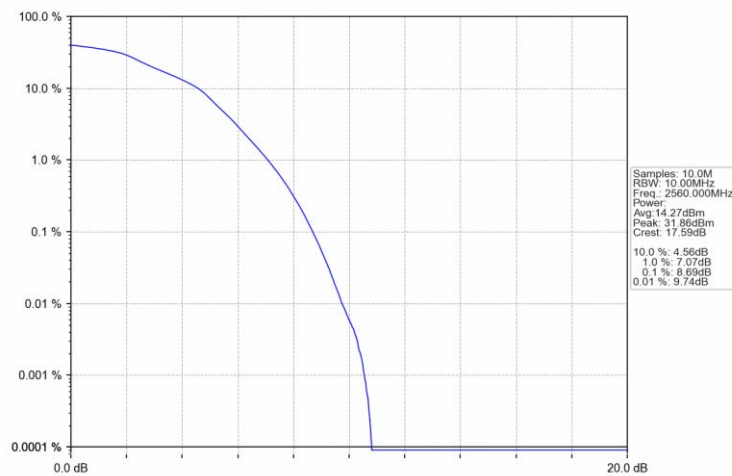
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



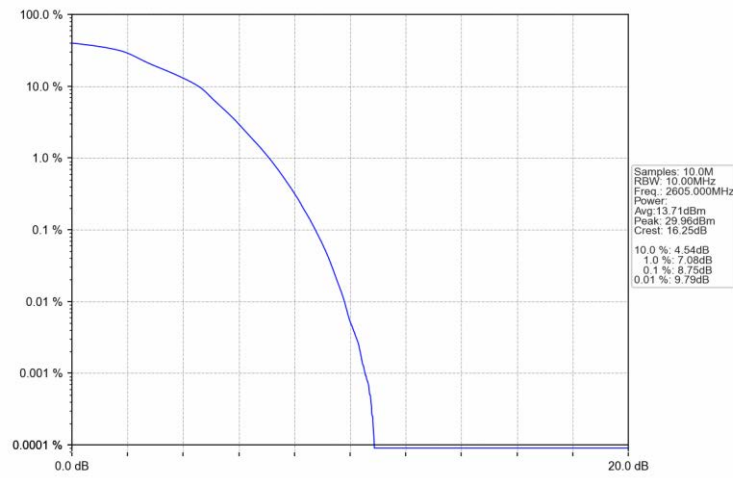
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



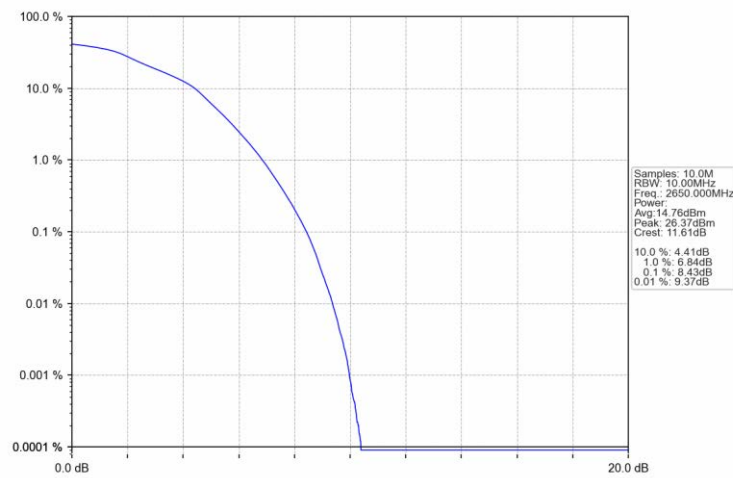
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV

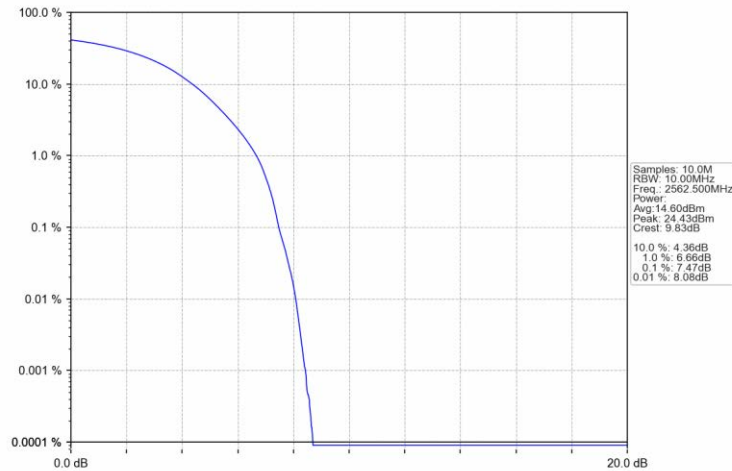


Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

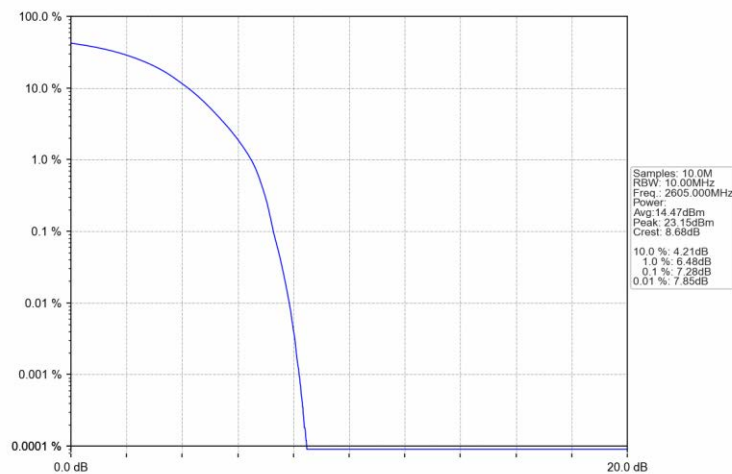


5.2.3 B41_15MHz

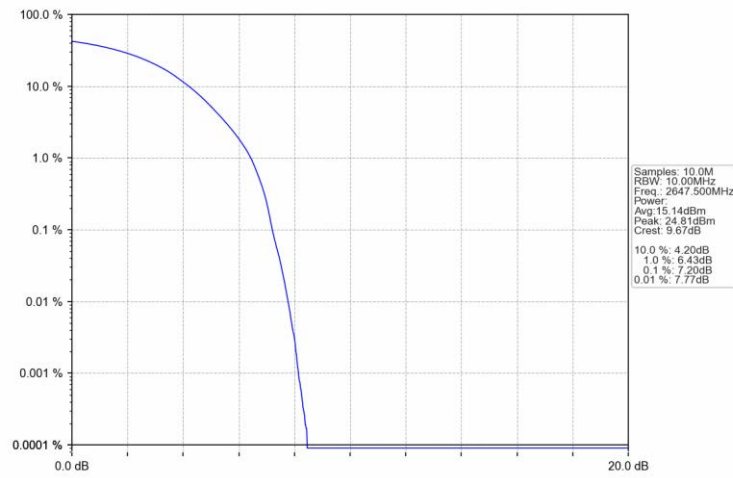
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



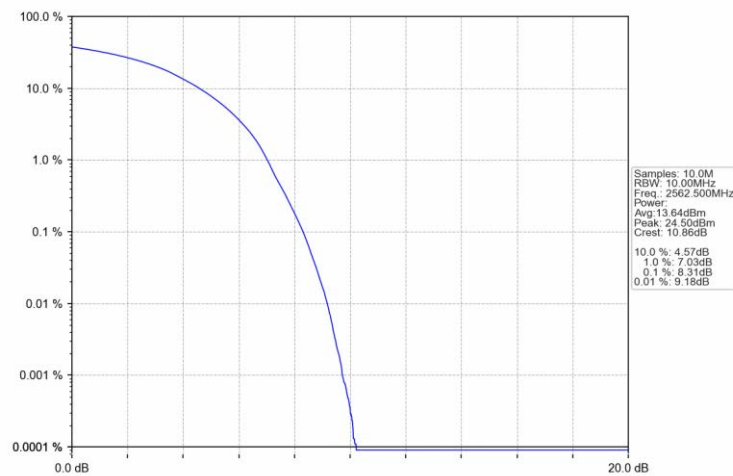
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



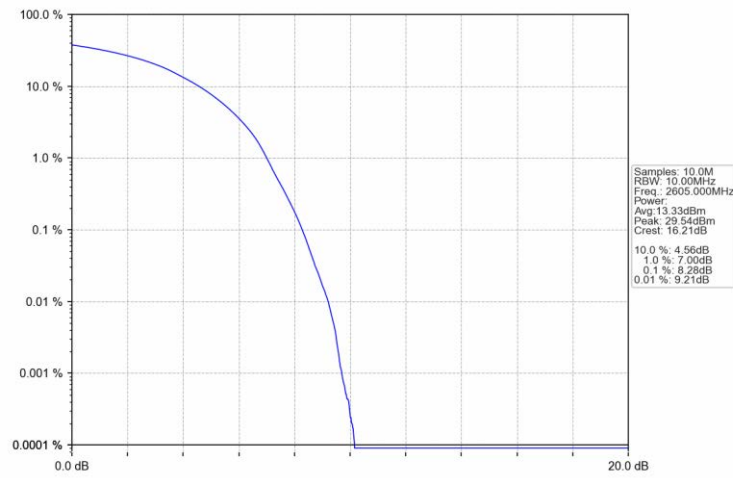
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



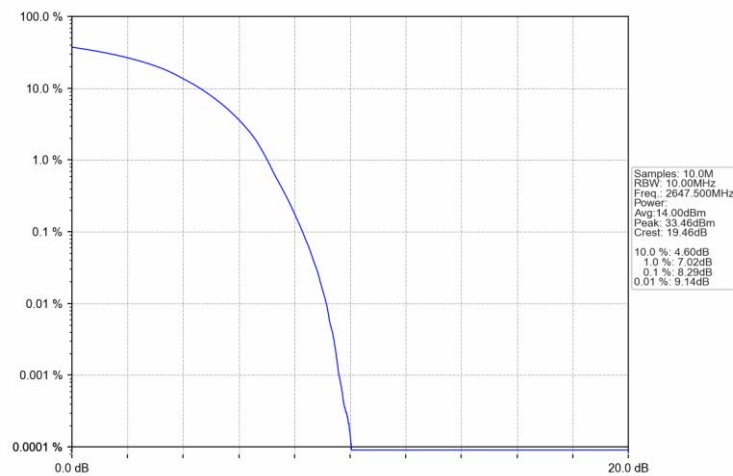
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV

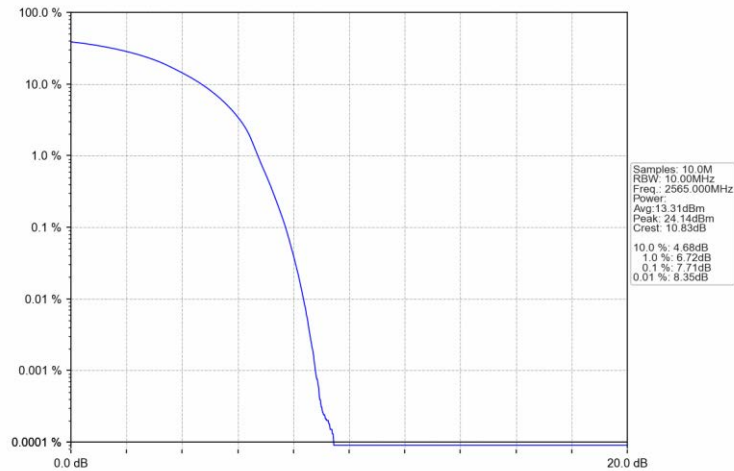


Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV

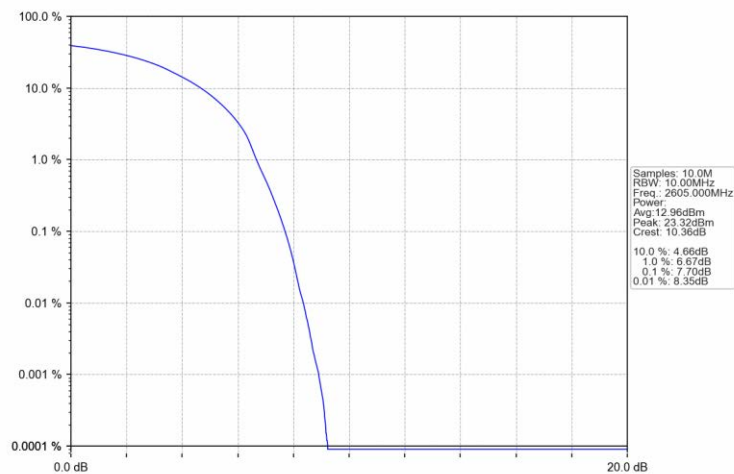


5.2.4 B41_20MHz

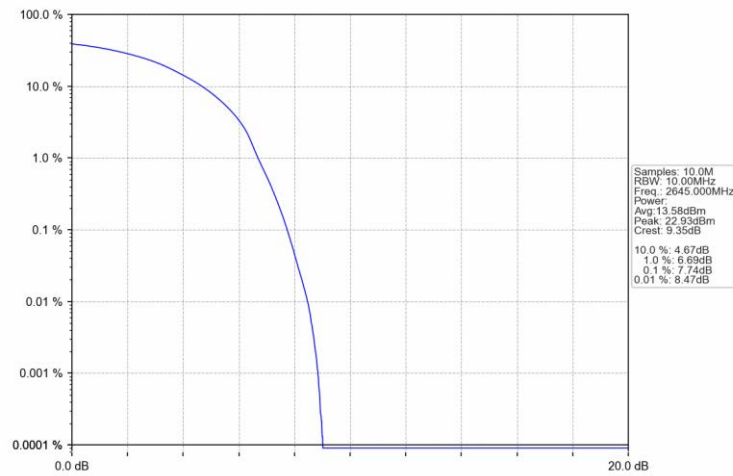
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



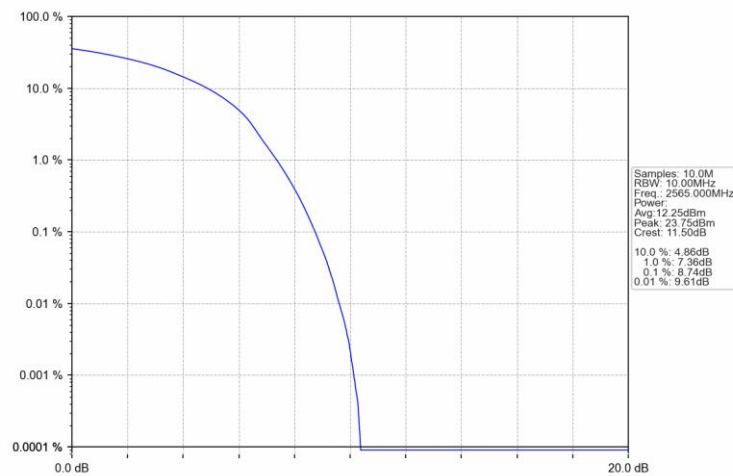
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



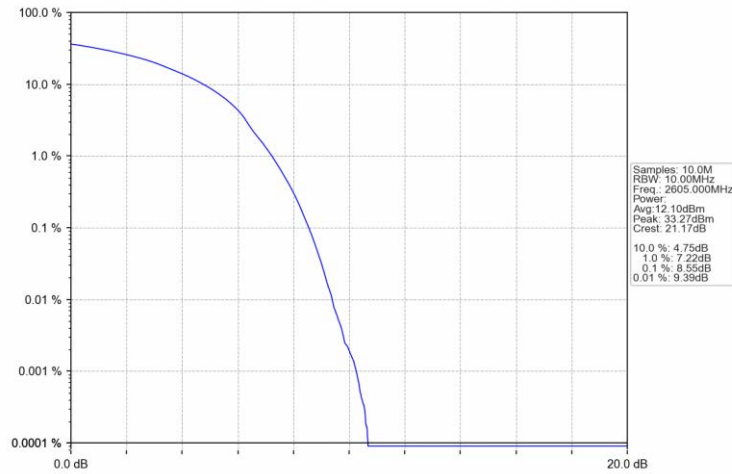
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



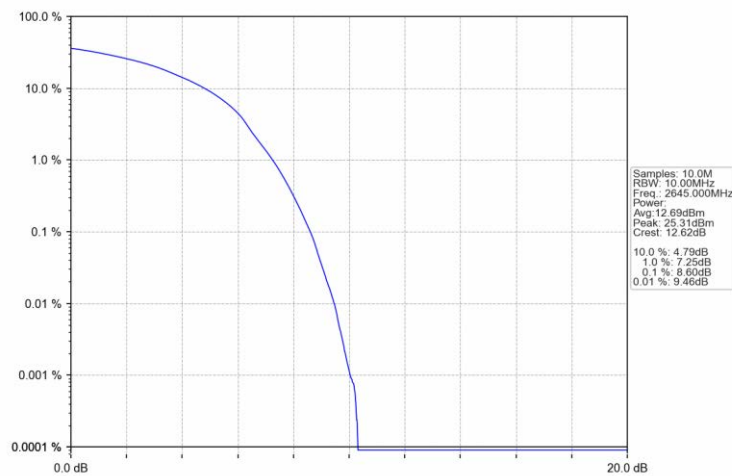
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2562.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

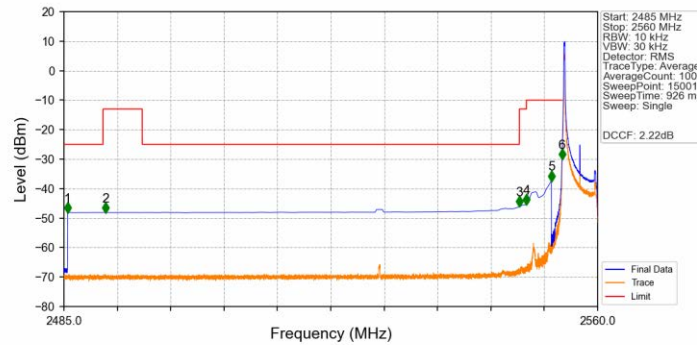
6.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

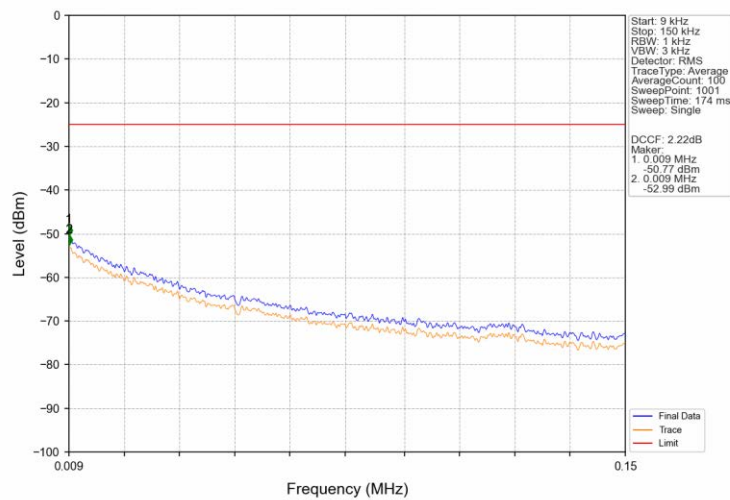
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

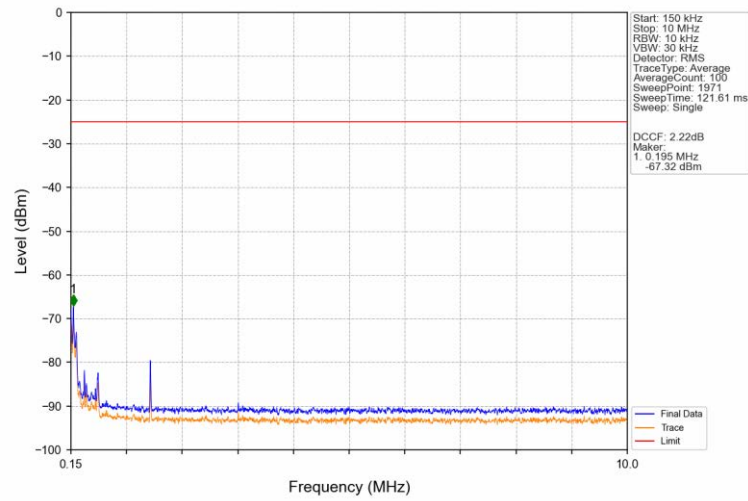


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-48.08	-25	Pass
2490.5	2496	1	CHP	2	2490.830	-48.07	-13	Pass
2496	2549	1	CHP	3	2549.000	-45.99	-25	Pass
2549	2550	1	CHP	4	2549.995	-45.35	-13	Pass
2550	2554	1	CHP	5	2553.500	-37.27	-10	Pass
2554	2555	0.02	CHP	6	2554.995	-29.87	-10	Pass
2555	2560	0.02	CHP	/	/	/	/	/

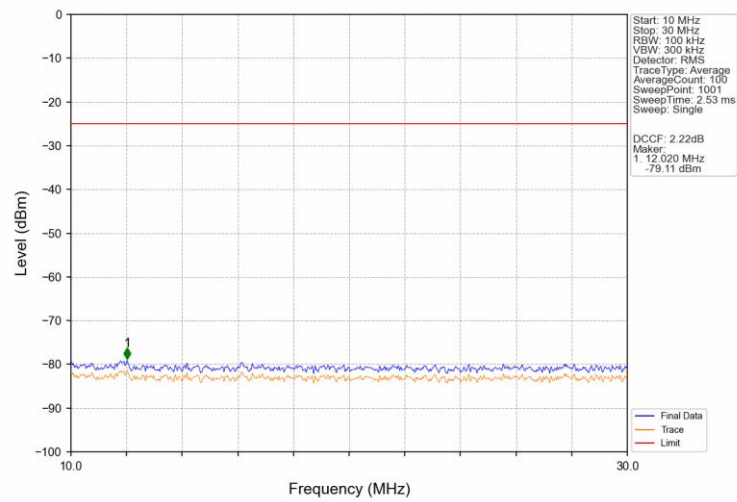
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



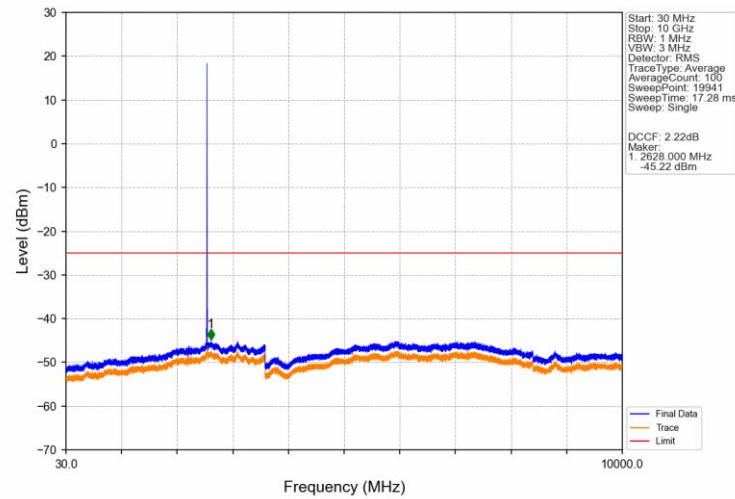
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



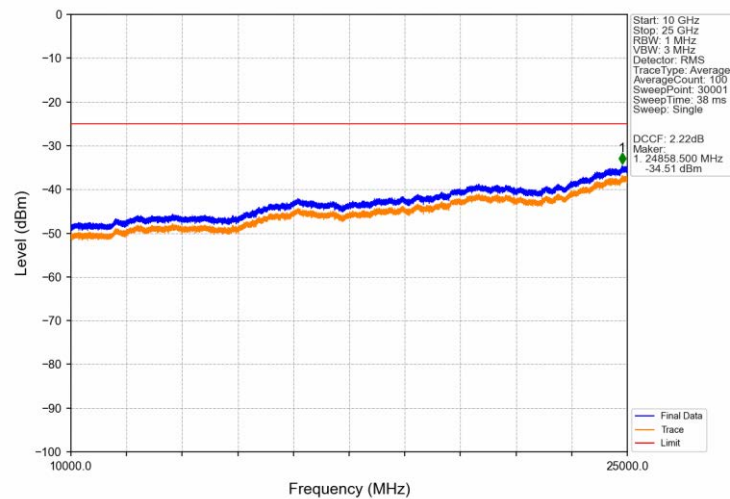
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



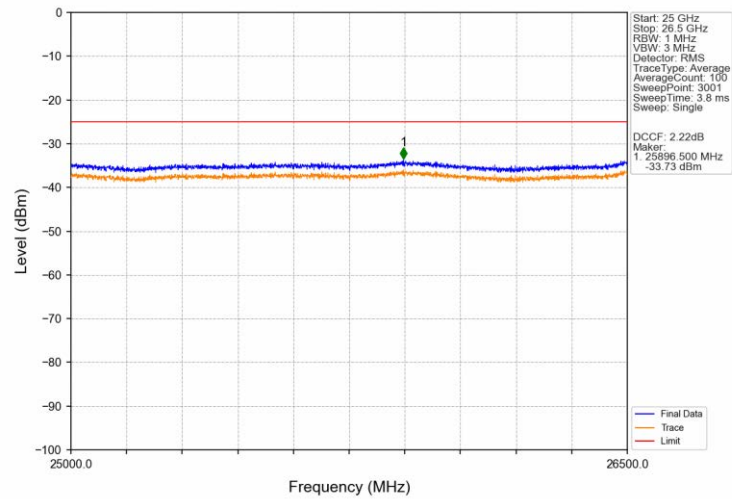
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



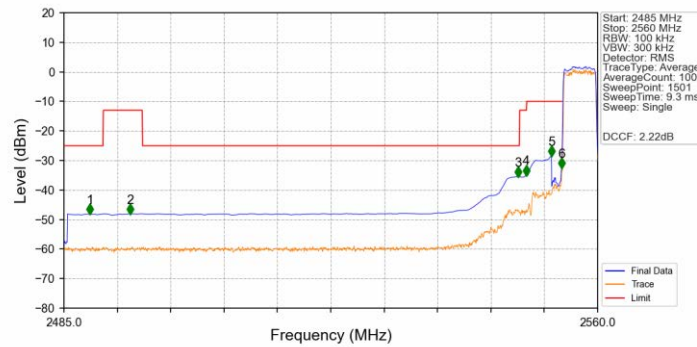
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

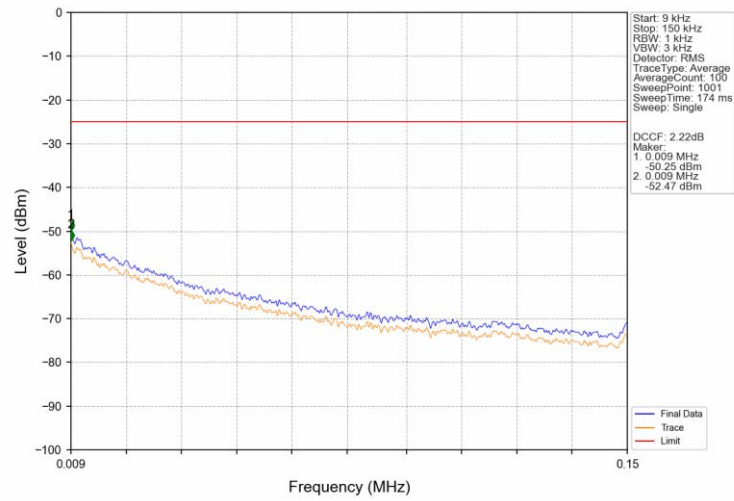


Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV

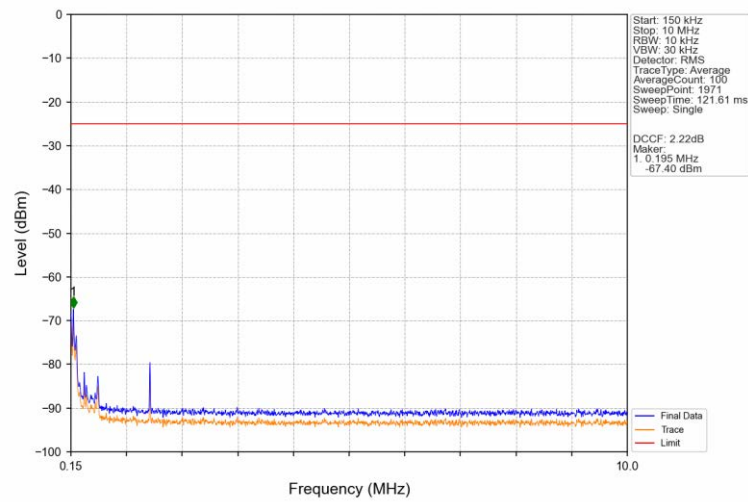


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.650	-48.08	-25	Pass
2490.5	2496	1	CHP	2	2494.300	-48.02	-13	Pass
2496	2549	1	CHP	3	2548.850	-35.41	-25	Pass
2549	2550	1	CHP	4	2549.950	-34.95	-13	Pass
2550	2554	1	CHP	5	2553.500	-28.37	-10	Pass
2554	2555	0.101	CHP	6	2554.950	-32.54	-10	Pass
2555	2560	0.101	CHP	/	/	/	/	/

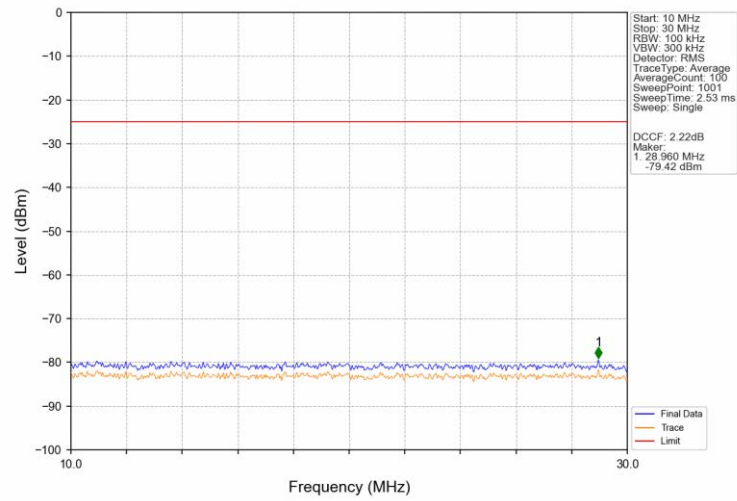
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



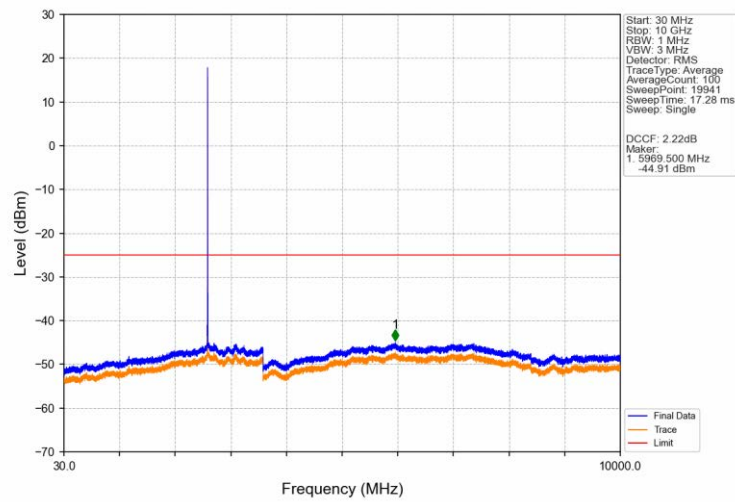
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



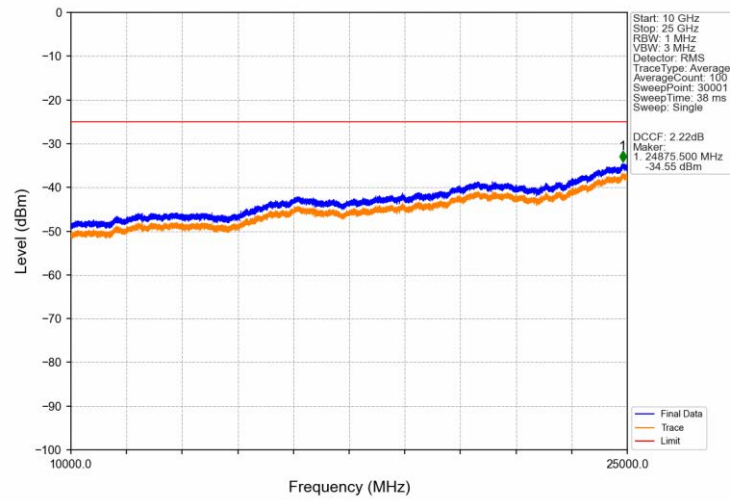
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



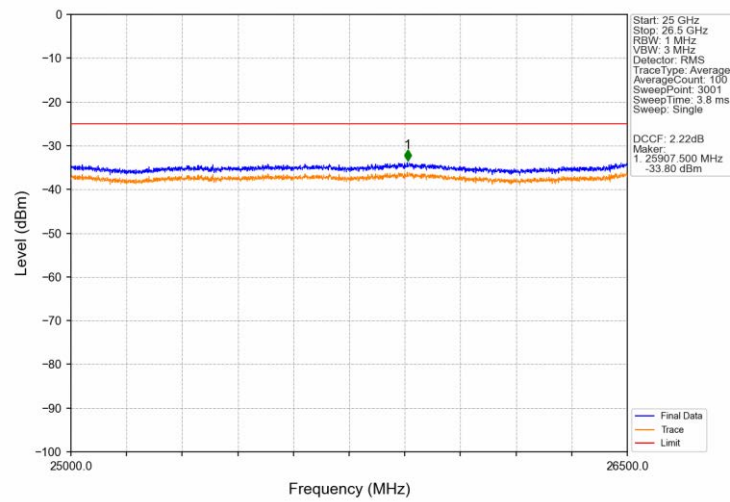
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



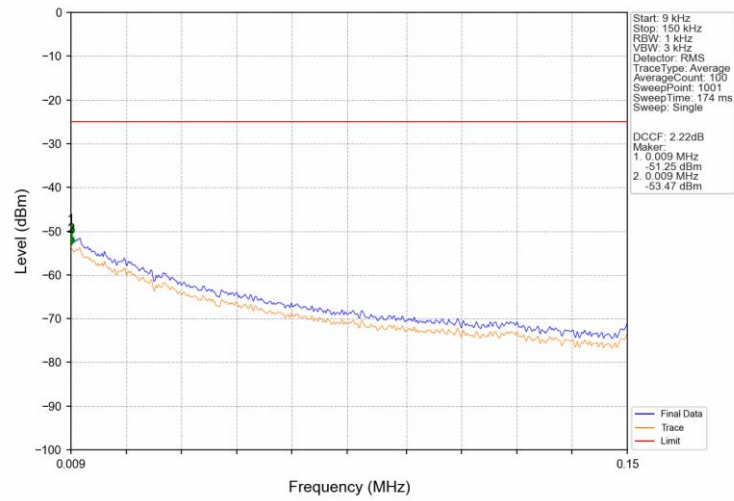
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



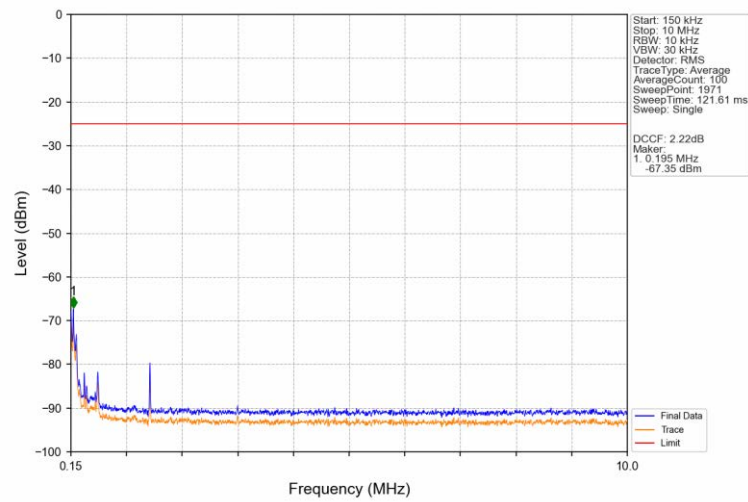
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



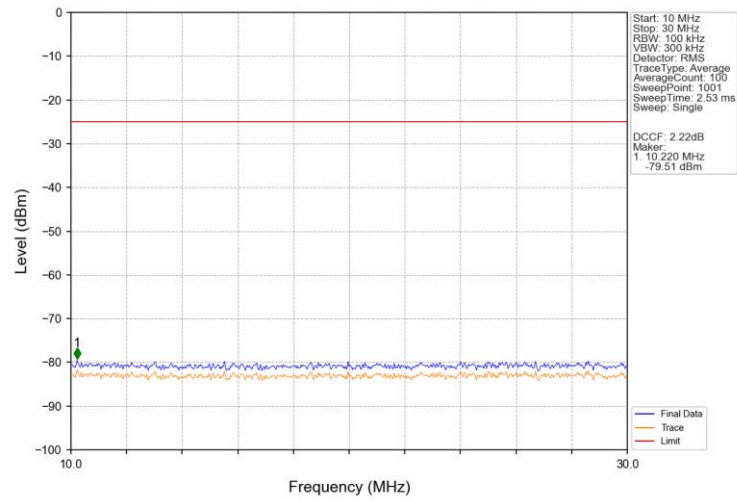
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



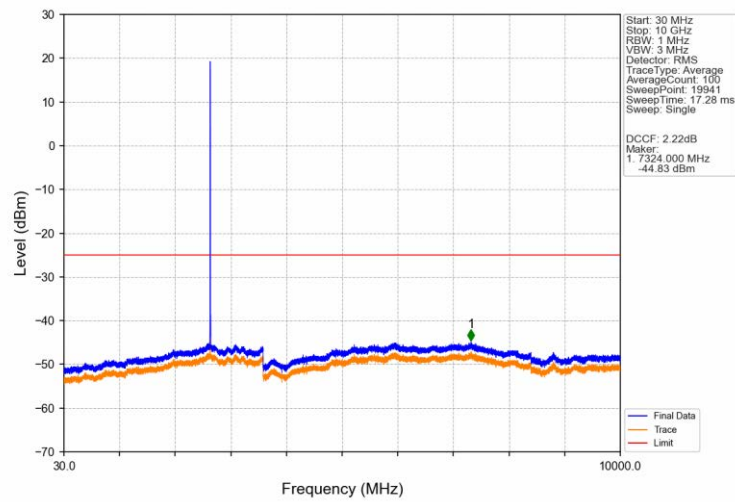
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



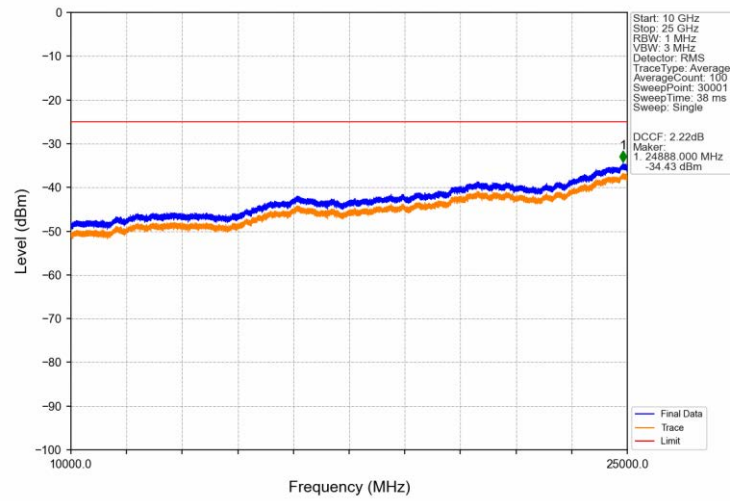
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



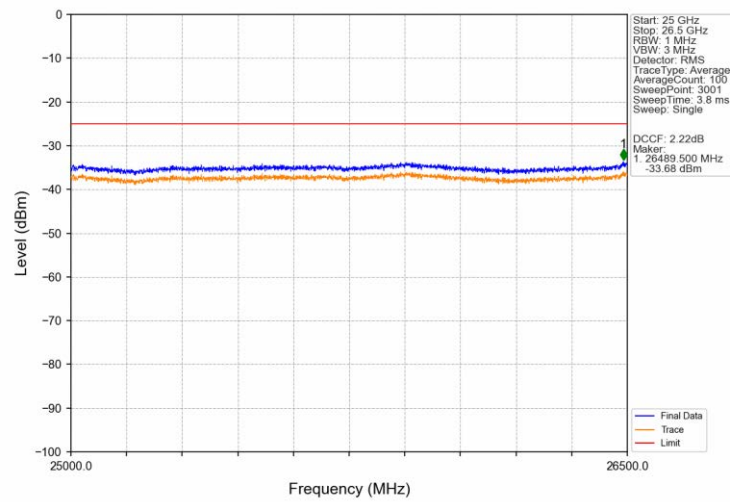
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



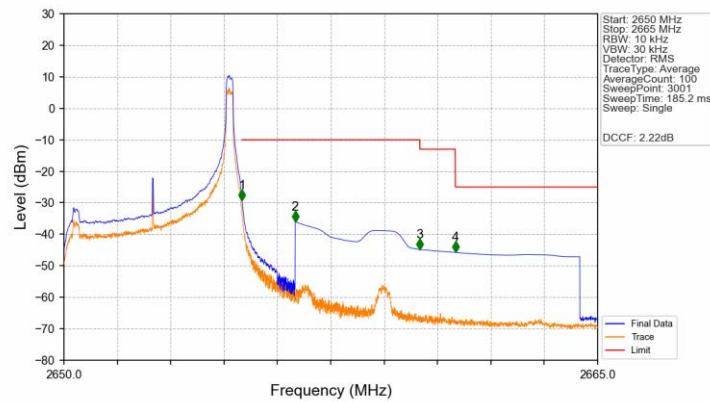
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV

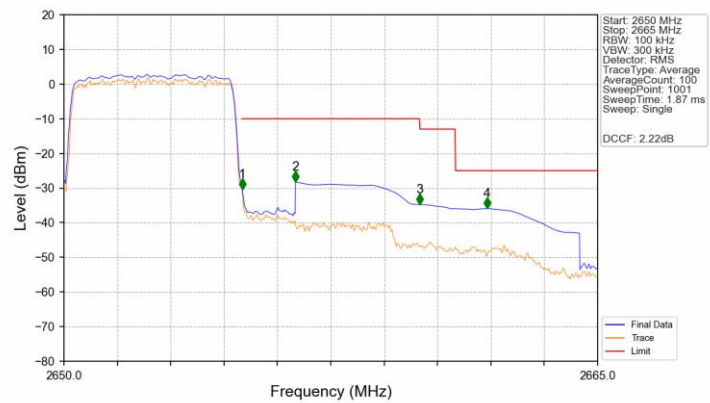


Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_24_NTNV



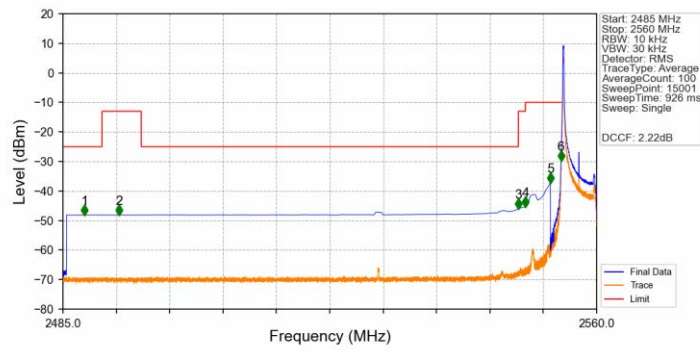
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2650	2655	0.02	CHP	/	/	/	/	/
2655	2656	0.02	CHP	1	2655.005	-29.18	-10	Pass
2656	2660	1	CHP	2	2656.500	-36.04	-10	Pass
2660	2661	1	CHP	3	2660.005	-44.86	-13	Pass
2661	2665	1	CHP	4	2661.005	-45.77	-25	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV

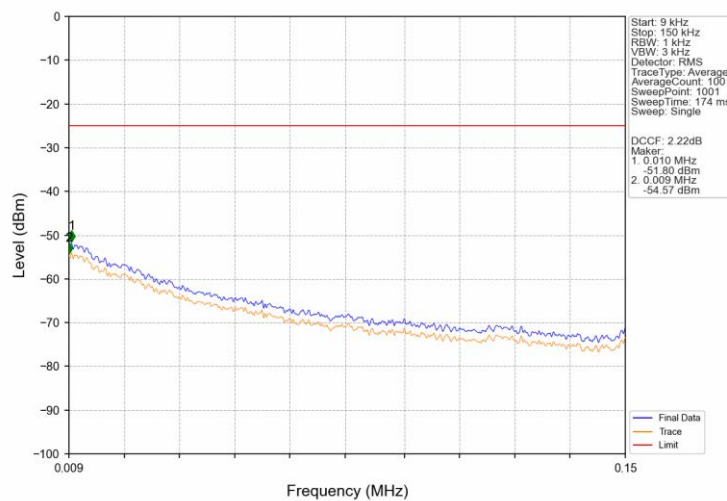


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2650	2655	0.101	CHP	/	/	/	/	/
2655	2656	0.101	CHP	1	2655.010	-30.41	-10	Pass
2656	2660	1	CHP	2	2656.510	-28.22	-10	Pass
2660	2661	1	CHP	3	2660.005	-34.74	-13	Pass
2661	2665	1	CHP	4	2661.895	-35.92	-25	Pass

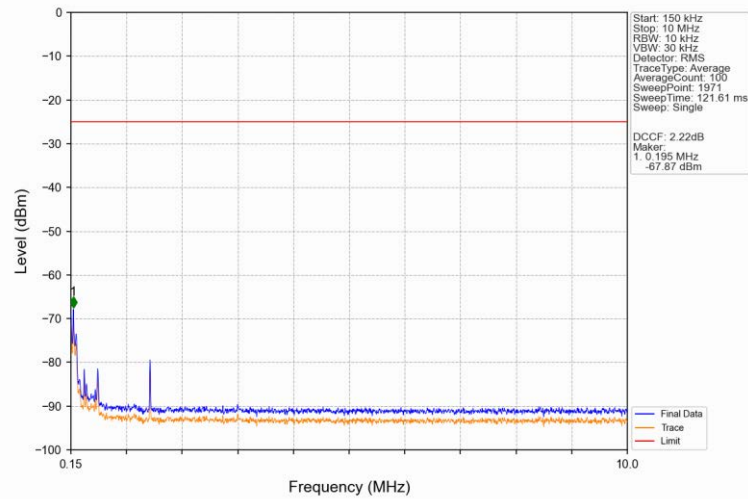
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



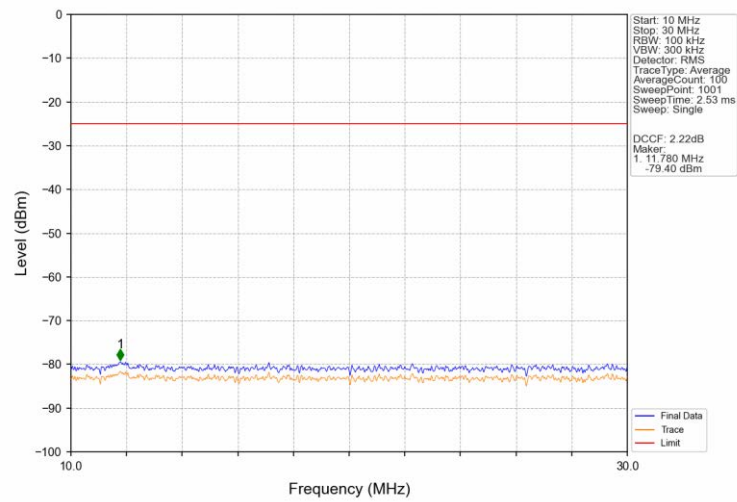
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



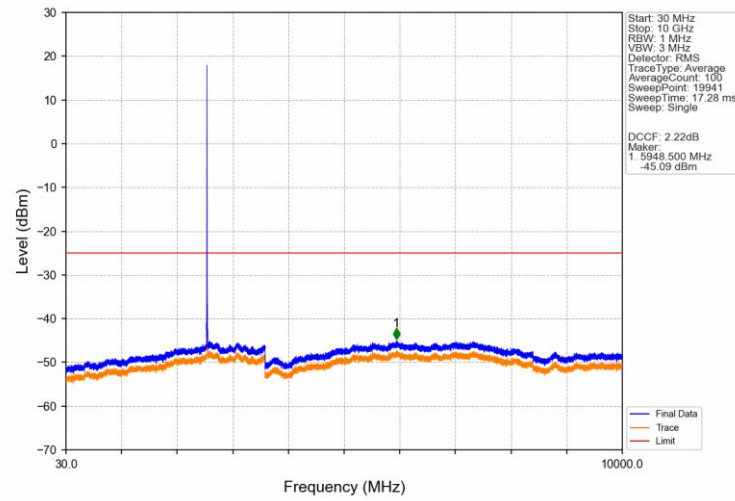
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



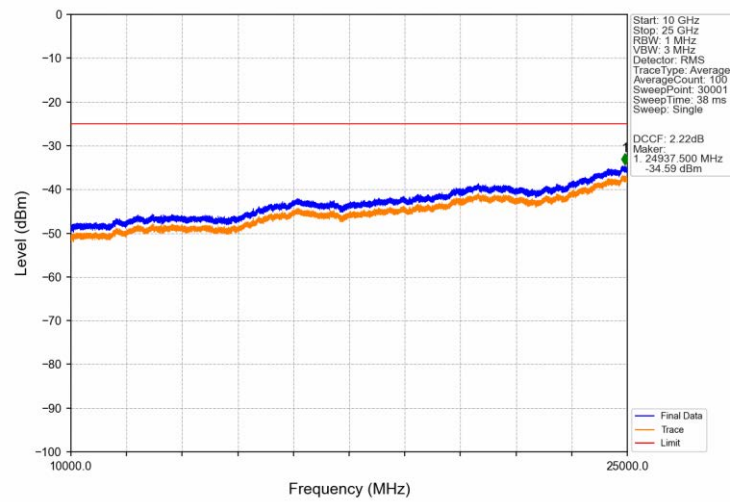
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



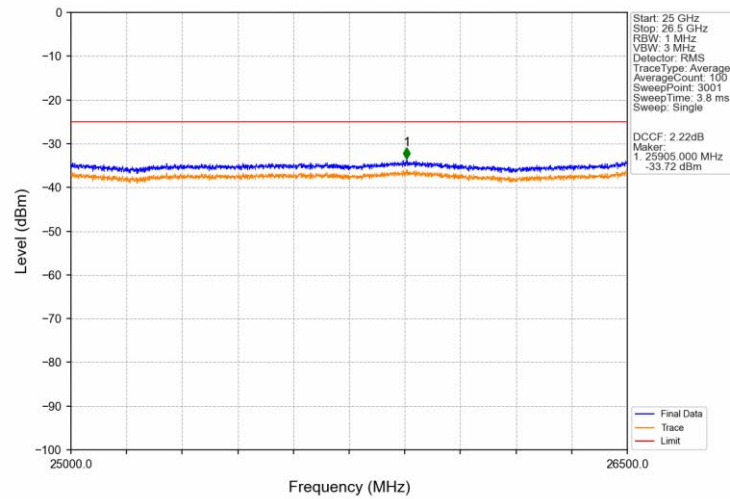
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



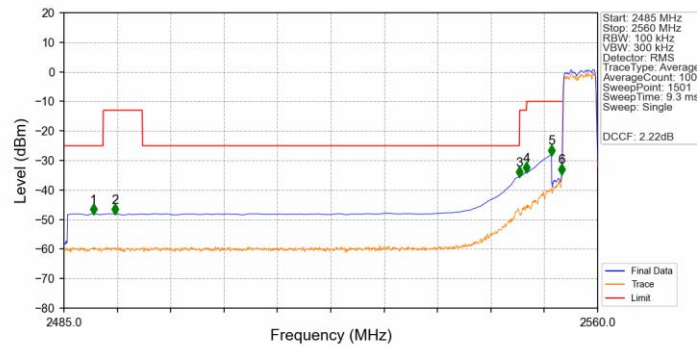
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

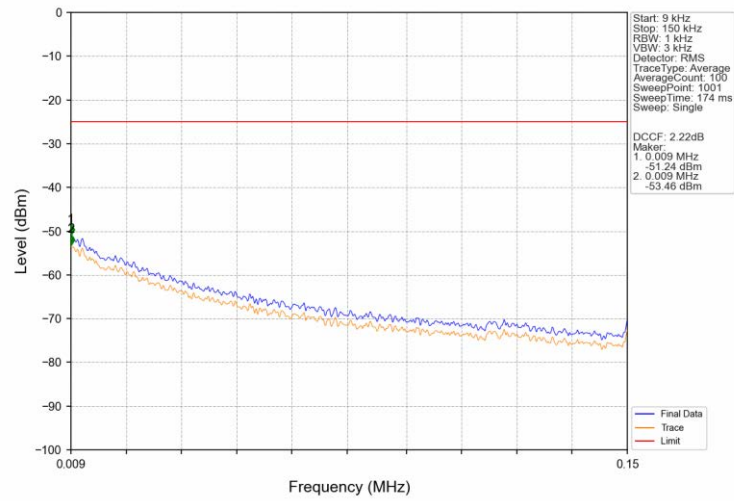


Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV

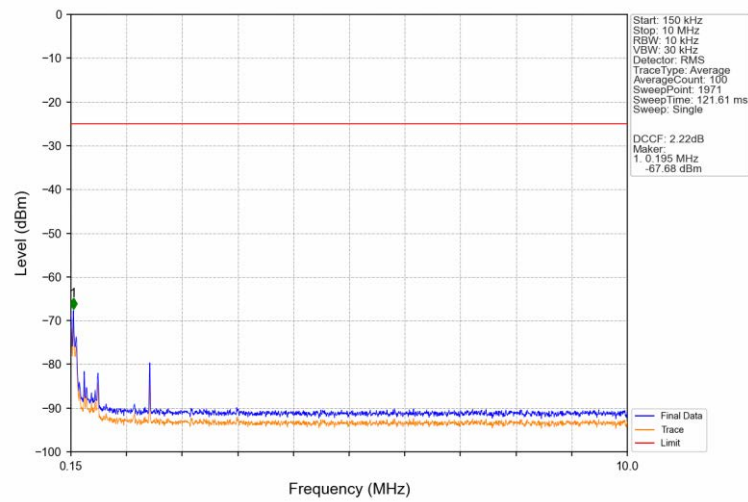


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.150	-48.04	-25	Pass
2490.5	2496	1	CHP	2	2492.200	-48.02	-13	Pass
2496	2549	1	CHP	3	2549.000	-35.42	-25	Pass
2549	2550	1	CHP	4	2550.000	-34.01	-13	Pass
2550	2554	1	CHP	5	2553.500	-28.08	-10	Pass
2554	2555	0.102	CHP	6	2554.950	-34.49	-10	Pass
2555	2560	0.102	CHP	/	/	/	/	/

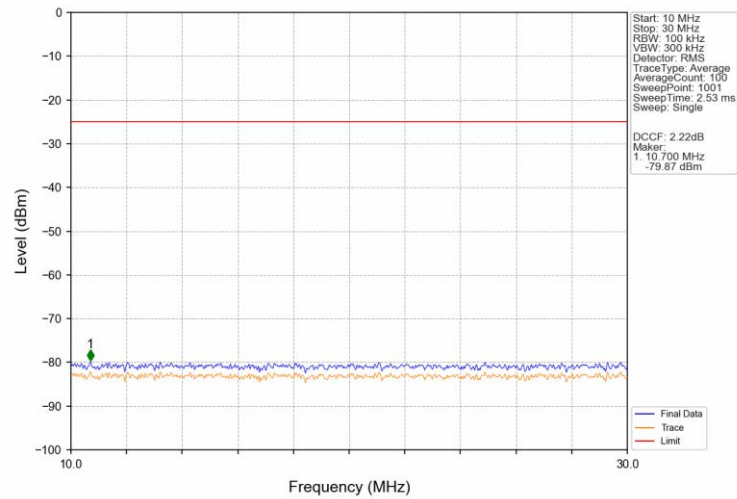
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



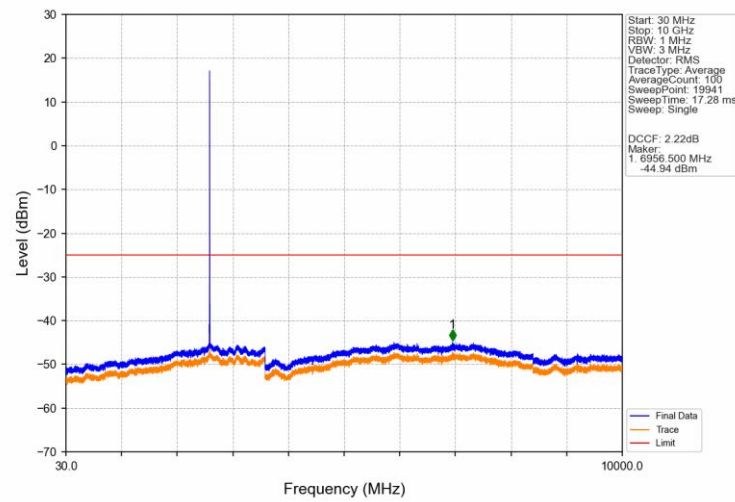
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



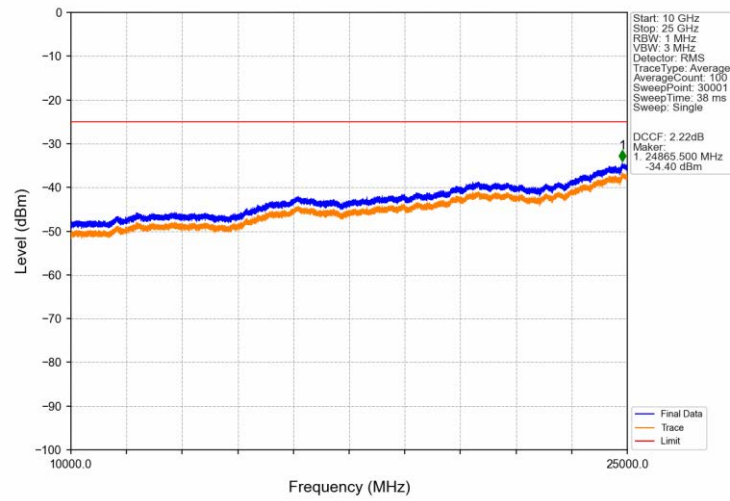
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



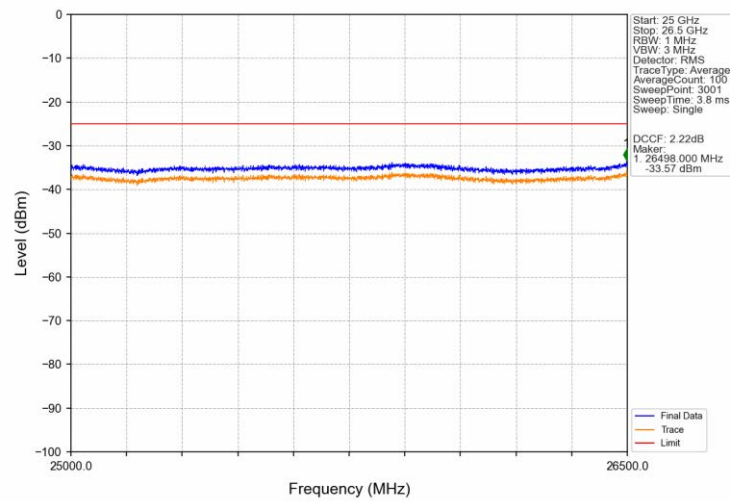
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



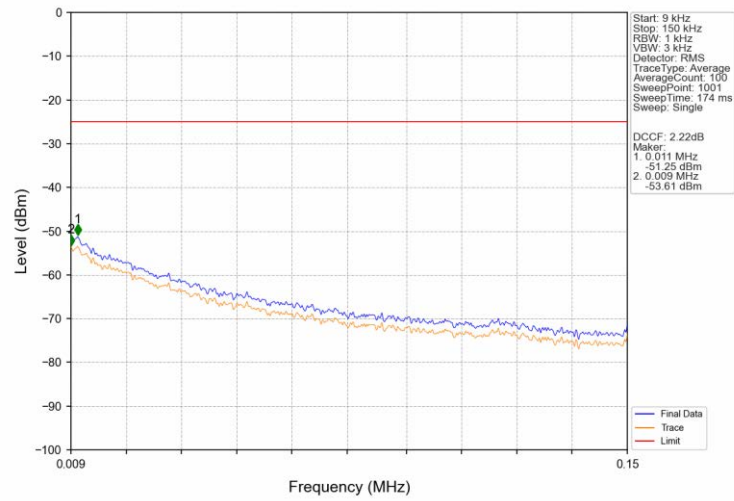
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



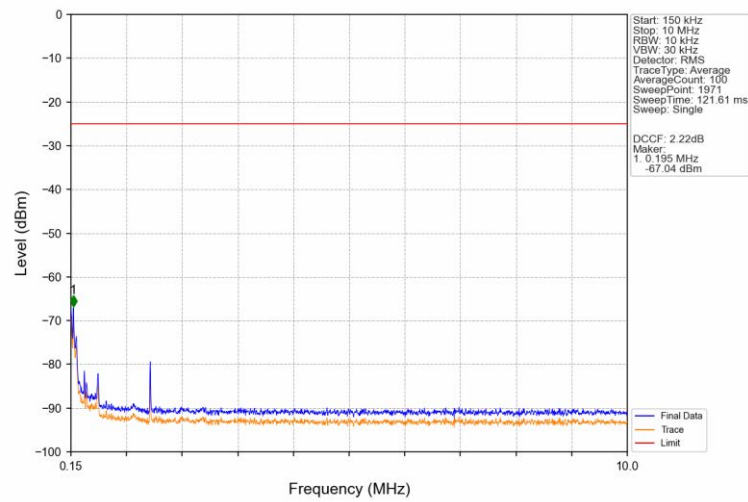
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



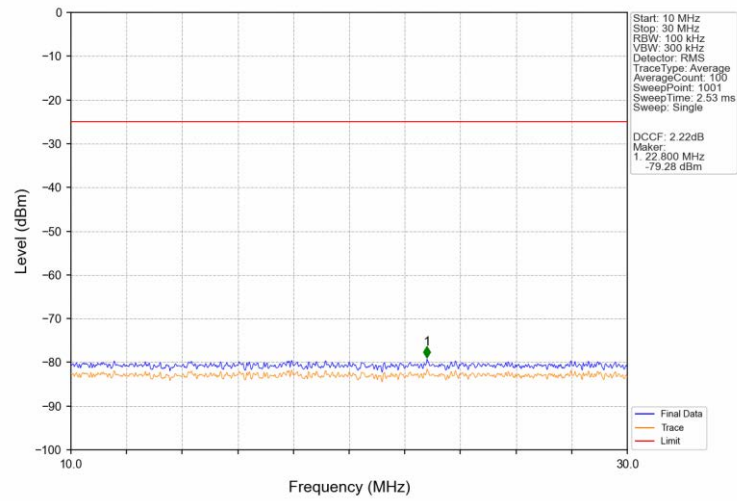
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



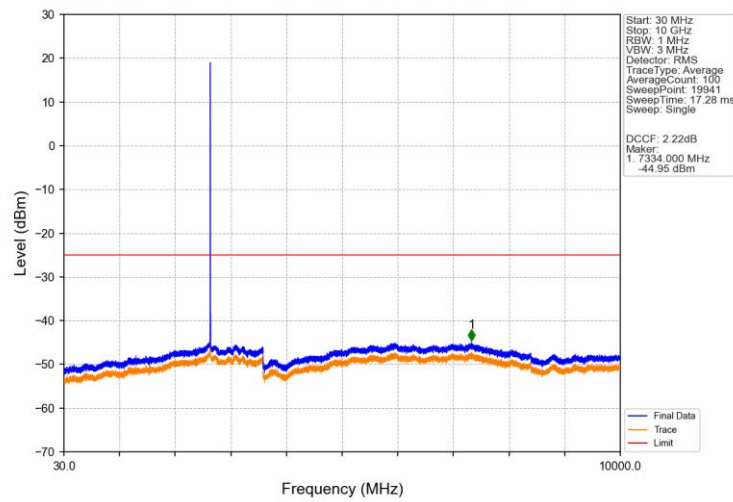
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



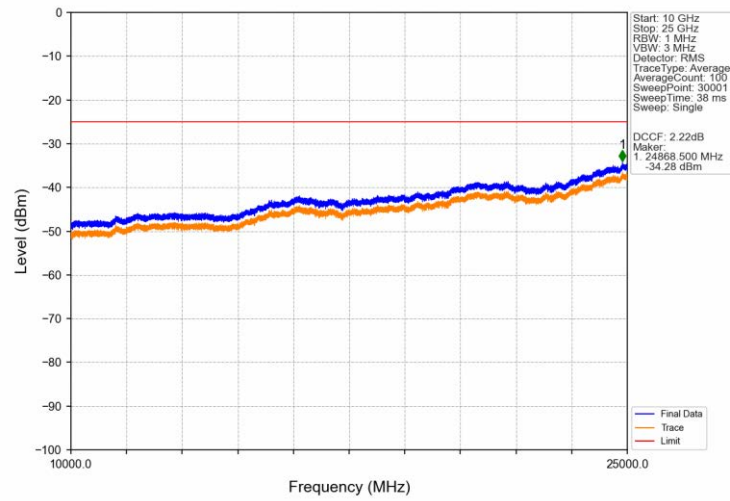
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV

