

Appendix Test Data for LTE_band_41

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	22.67	1.99	24.66	<=33.01	Pass
			13	22.65	1.99	24.64	<=33.01	Pass
			24	22.81	1.99	24.80	<=33.01	Pass
		12	0	21.61	1.99	23.60	<=33.01	Pass
			6	21.58	1.99	23.57	<=33.01	Pass
			13	21.54	1.99	23.53	<=33.01	Pass
		25	0	21.61	1.99	23.60	<=33.01	Pass
	2605	1	0	22.62	1.99	24.61	<=33.01	Pass
			13	22.76	1.99	24.75	<=33.01	Pass
			24	22.78	1.99	24.77	<=33.01	Pass
		12	0	21.72	1.99	23.71	<=33.01	Pass
			6	21.66	1.99	23.65	<=33.01	Pass
			13	21.69	1.99	23.68	<=33.01	Pass
		25	0	21.70	1.99	23.69	<=33.01	Pass
	2652.5	1	0	23.41	1.99	25.40	<=33.01	Pass
			13	23.44	1.99	25.43	<=33.01	Pass
			24	23.50	1.99	25.49	<=33.01	Pass
		12	0	22.35	1.99	24.34	<=33.01	Pass
			6	22.39	1.99	24.38	<=33.01	Pass
			13	22.37	1.99	24.36	<=33.01	Pass
		25	0	22.36	1.99	24.35	<=33.01	Pass
16QAM	2557.5	1	0	21.66	1.99	23.65	<=33.01	Pass
			13	21.60	1.99	23.59	<=33.01	Pass
			24	21.63	1.99	23.62	<=33.01	Pass
		12	0	20.61	1.99	22.60	<=33.01	Pass
			6	20.56	1.99	22.55	<=33.01	Pass
			13	20.55	1.99	22.54	<=33.01	Pass
		25	0	20.55	1.99	22.54	<=33.01	Pass
	2605	1	0	21.81	1.99	23.80	<=33.01	Pass
			13	21.85	1.99	23.84	<=33.01	Pass
			24	21.45	1.99	23.44	<=33.01	Pass
		12	0	20.79	1.99	22.78	<=33.01	Pass
			6	20.62	1.99	22.61	<=33.01	Pass
			13	20.69	1.99	22.68	<=33.01	Pass
		25	0	20.69	1.99	22.68	<=33.01	Pass
	2652.5	1	0	22.56	1.99	24.55	<=33.01	Pass
			13	22.60	1.99	24.59	<=33.01	Pass
			24	22.39	1.99	24.38	<=33.01	Pass
		12	0	21.37	1.99	23.36	<=33.01	Pass
			6	21.29	1.99	23.28	<=33.01	Pass
			13	21.31	1.99	23.30	<=33.01	Pass
		25	0	21.47	1.99	23.46	<=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	22.47	1.99	24.46	<=33.01	Pass
			25	22.66	1.99	24.65	<=33.01	Pass
			49	22.68	1.99	24.67	<=33.01	Pass
		25	0	21.55	1.99	23.54	<=33.01	Pass
			13	21.59	1.99	23.58	<=33.01	Pass
			25	21.59	1.99	23.58	<=33.01	Pass
		50	0	21.60	1.99	23.59	<=33.01	Pass
	2605	1	0	22.57	1.99	24.56	<=33.01	Pass
			25	22.70	1.99	24.69	<=33.01	Pass
			49	22.73	1.99	24.72	<=33.01	Pass
		25	0	21.68	1.99	23.67	<=33.01	Pass
			13	21.69	1.99	23.68	<=33.01	Pass
			25	21.73	1.99	23.72	<=33.01	Pass
		50	0	21.75	1.99	23.74	<=33.01	Pass
	2650	1	0	23.31	1.99	25.30	<=33.01	Pass
			25	23.39	1.99	25.38	<=33.01	Pass
			49	23.48	1.99	25.47	<=33.01	Pass
		25	0	22.29	1.99	24.28	<=33.01	Pass
			13	22.34	1.99	24.33	<=33.01	Pass
			25	22.40	1.99	24.39	<=33.01	Pass
		50	0	22.33	1.99	24.32	<=33.01	Pass
16QAM	2560	1	0	21.23	1.99	23.22	<=33.01	Pass
			25	21.58	1.99	23.57	<=33.01	Pass
			49	21.88	1.99	23.87	<=33.01	Pass
		25	0	20.64	1.99	22.63	<=33.01	Pass
			13	20.57	1.99	22.56	<=33.01	Pass
			25	20.59	1.99	22.58	<=33.01	Pass
		50	0	20.62	1.99	22.61	<=33.01	Pass
	2605	1	0	21.39	1.99	23.38	<=33.01	Pass
			25	21.51	1.99	23.50	<=33.01	Pass
			49	21.61	1.99	23.60	<=33.01	Pass
		25	0	20.68	1.99	22.67	<=33.01	Pass
			13	20.77	1.99	22.76	<=33.01	Pass
			25	20.75	1.99	22.74	<=33.01	Pass
		50	0	20.76	1.99	22.75	<=33.01	Pass
	2650	1	0	22.07	1.99	24.06	<=33.01	Pass
			25	22.39	1.99	24.38	<=33.01	Pass
			49	22.43	1.99	24.42	<=33.01	Pass
		25	0	21.27	1.99	23.26	<=33.01	Pass
			13	21.35	1.99	23.34	<=33.01	Pass
			25	21.38	1.99	23.37	<=33.01	Pass
		50	0	21.31	1.99	23.30	<=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	22.53	1.99	24.52	<=33.01	Pass
			38	22.51	1.99	24.50	<=33.01	Pass
			74	22.48	1.99	24.47	<=33.01	Pass
		36	0	21.54	1.99	23.53	<=33.01	Pass
			18	21.57	1.99	23.56	<=33.01	Pass
			39	21.54	1.99	23.53	<=33.01	Pass
		75	0	21.55	1.99	23.54	<=33.01	Pass
	2605	1	0	22.51	1.99	24.50	<=33.01	Pass
			38	22.69	1.99	24.68	<=33.01	Pass
			74	22.72	1.99	24.71	<=33.01	Pass
		36	0	21.65	1.99	23.64	<=33.01	Pass
			18	21.67	1.99	23.66	<=33.01	Pass
			39	21.69	1.99	23.68	<=33.01	Pass
		75	0	21.67	1.99	23.66	<=33.01	Pass
	2647.5	1	0	23.23	1.99	25.22	<=33.01	Pass
			38	23.36	1.99	25.35	<=33.01	Pass
			74	23.41	1.99	25.40	<=33.01	Pass
		36	0	22.22	1.99	24.21	<=33.01	Pass
			18	22.24	1.99	24.23	<=33.01	Pass
			39	22.28	1.99	24.27	<=33.01	Pass
		75	0	22.31	1.99	24.30	<=33.01	Pass
16QAM	2562.5	1	0	21.41	1.99	23.40	<=33.01	Pass
			38	21.50	1.99	23.49	<=33.01	Pass
			74	21.90	1.99	23.89	<=33.01	Pass
		36	0	20.60	1.99	22.59	<=33.01	Pass
			18	20.59	1.99	22.58	<=33.01	Pass
			39	20.64	1.99	22.63	<=33.01	Pass
		75	0	20.60	1.99	22.59	<=33.01	Pass
	2605	1	0	21.45	1.99	23.44	<=33.01	Pass
			38	21.61	1.99	23.60	<=33.01	Pass
			74	21.59	1.99	23.58	<=33.01	Pass
		36	0	20.63	1.99	22.62	<=33.01	Pass
			18	20.66	1.99	22.65	<=33.01	Pass
			39	20.75	1.99	22.74	<=33.01	Pass
		75	0	20.68	1.99	22.67	<=33.01	Pass
	2647.5	1	0	22.31	1.99	24.30	<=33.01	Pass
			38	22.44	1.99	24.43	<=33.01	Pass
			74	22.45	1.99	24.44	<=33.01	Pass
		36	0	21.24	1.99	23.23	<=33.01	Pass
			18	21.28	1.99	23.27	<=33.01	Pass
			39	21.30	1.99	23.29	<=33.01	Pass
		75	0	21.29	1.99	23.28	<=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	22.46	1.99	24.45	<=33.01	Pass
			50	22.63	1.99	24.62	<=33.01	Pass
			99	22.48	1.99	24.47	<=33.01	Pass
		50	0	21.59	1.99	23.58	<=33.01	Pass
			25	21.59	1.99	23.58	<=33.01	Pass
			50	21.64	1.99	23.63	<=33.01	Pass
		100	0	21.60	1.99	23.59	<=33.01	Pass
			50	21.60	1.99	23.59	<=33.01	Pass
			99	21.60	1.99	23.59	<=33.01	Pass
	2605	1	0	22.51	1.99	24.50	<=33.01	Pass
			50	22.64	1.99	24.63	<=33.01	Pass
			99	22.76	1.99	24.75	<=33.01	Pass
		50	0	21.68	1.99	23.67	<=33.01	Pass
			25	21.77	1.99	23.76	<=33.01	Pass
			50	21.80	1.99	23.79	<=33.01	Pass
		100	0	21.72	1.99	23.71	<=33.01	Pass
			50	21.72	1.99	23.71	<=33.01	Pass
			99	21.72	1.99	23.71	<=33.01	Pass
	2645	1	0	23.07	1.99	25.06	<=33.01	Pass
			50	23.29	1.99	25.28	<=33.01	Pass
			99	23.33	1.99	25.32	<=33.01	Pass
		50	0	22.21	1.99	24.20	<=33.01	Pass
			25	22.35	1.99	24.34	<=33.01	Pass
			50	22.32	1.99	24.31	<=33.01	Pass
		100	0	22.27	1.99	24.26	<=33.01	Pass
			50	22.27	1.99	24.26	<=33.01	Pass
			99	22.27	1.99	24.26	<=33.01	Pass
16QAM	2565	1	0	21.55	1.99	23.54	<=33.01	Pass
			50	21.81	1.99	23.80	<=33.01	Pass
			99	21.72	1.99	23.71	<=33.01	Pass
		50	0	20.59	1.99	22.58	<=33.01	Pass
			25	20.57	1.99	22.56	<=33.01	Pass
			50	20.62	1.99	22.61	<=33.01	Pass
		100	0	20.58	1.99	22.57	<=33.01	Pass
			50	20.58	1.99	22.57	<=33.01	Pass
			99	20.58	1.99	22.57	<=33.01	Pass
	2605	1	0	21.59	1.99	23.58	<=33.01	Pass
			50	21.45	1.99	23.44	<=33.01	Pass
			99	21.43	1.99	23.42	<=33.01	Pass
		50	0	20.61	1.99	22.60	<=33.01	Pass
			25	20.79	1.99	22.78	<=33.01	Pass
			50	20.78	1.99	22.77	<=33.01	Pass
		100	0	20.72	1.99	22.71	<=33.01	Pass
			50	20.72	1.99	22.71	<=33.01	Pass
			99	20.72	1.99	22.71	<=33.01	Pass
	2645	1	0	21.95	1.99	23.94	<=33.01	Pass
			50	22.20	1.99	24.19	<=33.01	Pass
			99	22.52	1.99	24.51	<=33.01	Pass
		50	0	21.19	1.99	23.18	<=33.01	Pass
			25	21.29	1.99	23.28	<=33.01	Pass
			50	21.30	1.99	23.29	<=33.01	Pass
		100	0	21.24	1.99	23.23	<=33.01	Pass
			50	21.24	1.99	23.23	<=33.01	Pass
			99	21.24	1.99	23.23	<=33.01	Pass

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	-4.148	-0.0016	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
					4.43	1.073	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.131	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				0	3.85	6.137	0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				30	3.85	5.693	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0007	-2.5 to 2.5	Pass
				50	3.85	8.068	0.0032	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	15.221	0.0058	-2.5 to 2.5	Pass
					3.85	2.890	0.0011	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	4.220	0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.715	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0022	-2.5 to 2.5	Pass
				10	3.85	15.950	0.0061	-2.5 to 2.5	Pass
				30	3.85	5.550	0.0021	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0019	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	-8.383	-0.0032	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0032	-2.5 to 2.5	Pass
					4.43	-8.898	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-9.084	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.317	0.0009	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0034	-2.5 to 2.5	Pass
				10	3.85	9.370	0.0035	-2.5 to 2.5	Pass
				30	3.85	5.536	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.873	0.0003	-2.5 to 2.5	Pass
16QAM	2557.5	25	0	20	3.27	-1.631	-0.0006	-2.5 to 2.5	Pass
					3.85	5.336	0.0021	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0002	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0023	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				40	3.85	9.670	0.0038	-2.5 to 2.5	Pass
				50	3.85	5.364	0.0021	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	8.726	0.0033	-2.5 to 2.5	Pass
					3.85	-3.462	-0.0013	-2.5 to 2.5	Pass
					4.43	-6.380	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.661	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	10.929	0.0042	-2.5 to 2.5	Pass

				0	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				30	3.85	15.020	0.0058	-2.5 to 2.5	Pass
				40	3.85	8.440	0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0019	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	-10.171	-0.0038	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
					4.43	-13.719	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	1.273	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-10.886	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	8.411	0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-9.127	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-12.989	-0.0049	-2.5 to 2.5	Pass
				40	3.85	7.954	0.0030	-2.5 to 2.5	Pass
				50	3.85	5.193	0.0020	-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	-1.745	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
					4.43	1.903	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	4.277	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				30	3.85	12.488	0.0049	-2.5 to 2.5	Pass
				40	3.85	5.765	0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-0.043	0.0000	-2.5 to 2.5	Pass
					3.85	2.718	0.0010	-2.5 to 2.5	Pass
					4.43	1.631	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	3.920	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0007	-2.5 to 2.5	Pass
				0	3.85	9.041	0.0035	-2.5 to 2.5	Pass
				10	3.85	5.178	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.905	0.0015	-2.5 to 2.5	Pass
				40	3.85	7.854	0.0030	-2.5 to 2.5	Pass
				50	3.85	7.181	0.0028	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	5.579	0.0021	-2.5 to 2.5	Pass
					3.85	6.380	0.0024	-2.5 to 2.5	Pass
					4.43	5.665	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	9.041	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.392	0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.059	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0002	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	6.709	0.0026	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0028	-2.5 to 2.5	Pass

				-30	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	2.675	0.0010	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	2.618	0.0010	-2.5 to 2.5	Pass
					3.85	2.046	0.0008	-2.5 to 2.5	Pass
					4.43	2.489	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	9.785	0.0038	-2.5 to 2.5	Pass
				10	3.85	7.553	0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				50	3.85	4.692	0.0018	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	5.035	0.0019	-2.5 to 2.5	Pass
					3.85	0.830	0.0003	-2.5 to 2.5	Pass
					4.43	7.625	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-8.254	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
				30	3.85	8.826	0.0033	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0014	-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	2.403	0.0009	-2.5 to 2.5	Pass
					3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
					4.43	2.718	0.0011	-2.5 to 2.5	Pass
				-30	3.85	5.407	0.0021	-2.5 to 2.5	Pass
				-20	3.85	6.938	0.0027	-2.5 to 2.5	Pass
				-10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				0	3.85	8.740	0.0034	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				30	3.85	15.121	0.0059	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				50	3.85	6.995	0.0027	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	3.448	0.0013	-2.5 to 2.5	Pass
					3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
					4.43	7.281	0.0028	-2.5 to 2.5	Pass
				-30	3.85	2.475	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.018	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0018	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.960	0.0008	-2.5 to 2.5	Pass
				30	3.85	10.529	0.0040	-2.5 to 2.5	Pass
				40	3.85	5.107	0.0020	-2.5 to 2.5	Pass
				50	3.85	5.236	0.0020	-2.5 to 2.5	Pass

	2647.5	75	0	20	3.27	6.509	0.0025	-2.5 to 2.5	Pass
					3.85	3.791	0.0014	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	4.091	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-6.351	-0.0024	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0023	-2.5 to 2.5	Pass
				50	3.85	0.944	0.0004	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	4.907	0.0019	-2.5 to 2.5	Pass
					3.85	4.048	0.0016	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	12.188	0.0048	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				40	3.85	5.450	0.0021	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0014	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	2.317	0.0009	-2.5 to 2.5	Pass
					3.85	3.462	0.0013	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.705	0.0014	-2.5 to 2.5	Pass
				-20	3.85	10.228	0.0039	-2.5 to 2.5	Pass
				-10	3.85	7.968	0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
				10	3.85	6.266	0.0024	-2.5 to 2.5	Pass
				30	3.85	5.951	0.0023	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0008	-2.5 to 2.5	Pass
				50	3.85	5.651	0.0022	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-3.834	-0.0014	-2.5 to 2.5	Pass
					3.85	0.916	0.0003	-2.5 to 2.5	Pass
					4.43	3.619	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.129	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.529	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				0	3.85	2.804	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.159	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.646	-0.0010	-2.5 to 2.5	Pass
				40	3.85	3.476	0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.602	-0.0006	-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	4.134	0.0016	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	4.191	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				-20	3.85	7.410	0.0029	-2.5 to 2.5	Pass
				-10	3.85	4.563	0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0017	-2.5 to 2.5	Pass

				30	3.85	6.967	0.0027	-2.5 to 2.5	Pass
				40	3.85	4.978	0.0019	-2.5 to 2.5	Pass
				50	3.85	3.862	0.0015	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	0.501	0.0002	-2.5 to 2.5	Pass
					3.85	3.662	0.0014	-2.5 to 2.5	Pass
					4.43	7.353	0.0028	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.977	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0011	-2.5 to 2.5	Pass
				0	3.85	7.052	0.0027	-2.5 to 2.5	Pass
				10	3.85	3.819	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-1.087	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
					4.43	5.951	0.0022	-2.5 to 2.5	Pass
				-30	3.85	2.818	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0009	-2.5 to 2.5	Pass
				30	3.85	9.212	0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.27	-3.204	-0.0012	-2.5 to 2.5	Pass
					3.85	4.034	0.0016	-2.5 to 2.5	Pass
					4.43	3.576	0.0014	-2.5 to 2.5	Pass
				-30	3.85	4.320	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.874	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.389	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.645	0.0006	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	0.958	0.0004	-2.5 to 2.5	Pass
					3.85	6.094	0.0023	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0003	-2.5 to 2.5	Pass
				10	3.85	6.466	0.0025	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	5.765	0.0022	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	3.877	0.0015	-2.5 to 2.5	Pass
					4.43	2.217	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.960	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0008	-2.5 to 2.5	Pass
				10	3.85	9.685	0.0037	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-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		Verdict
		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		Verdict
		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

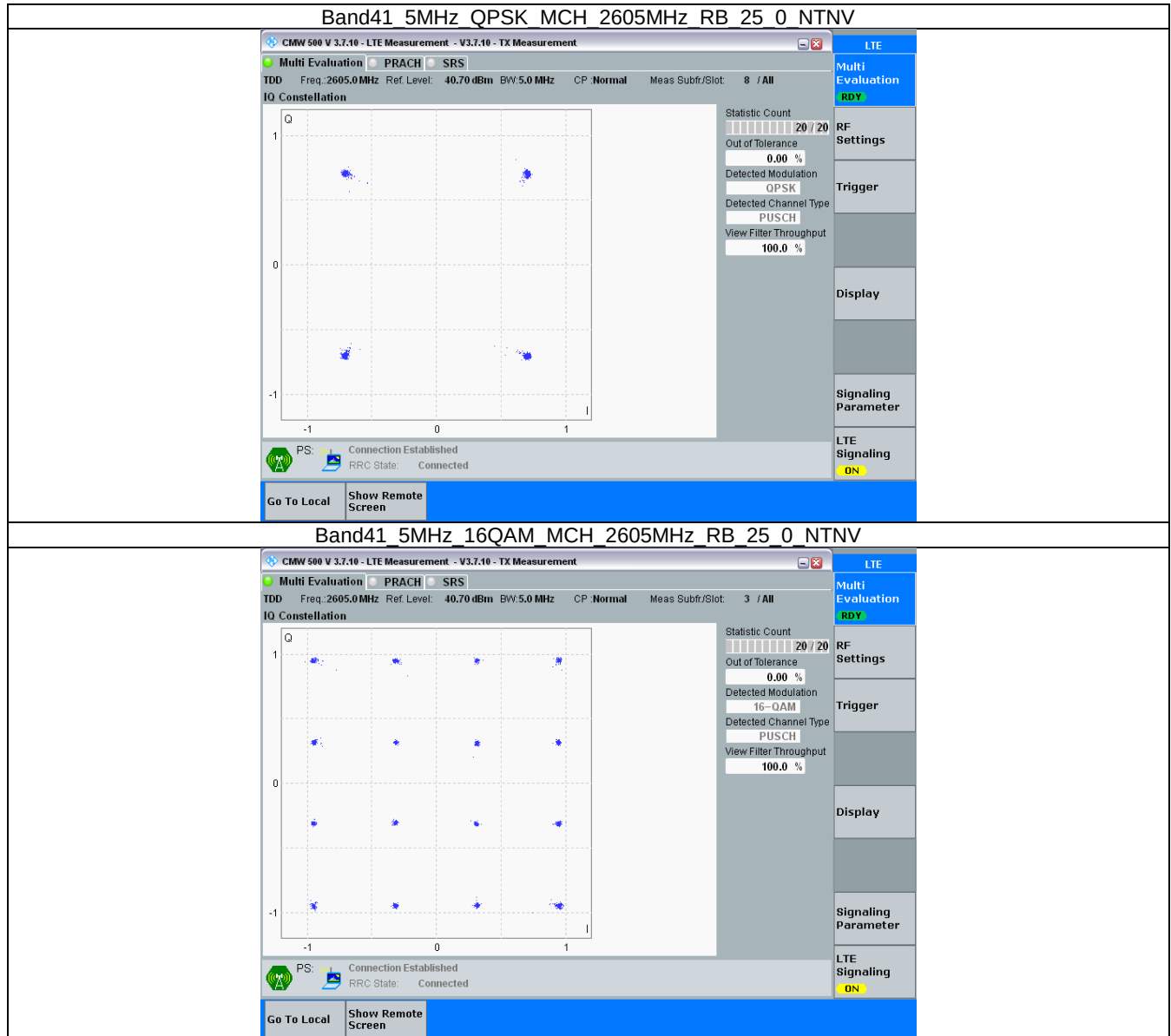
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

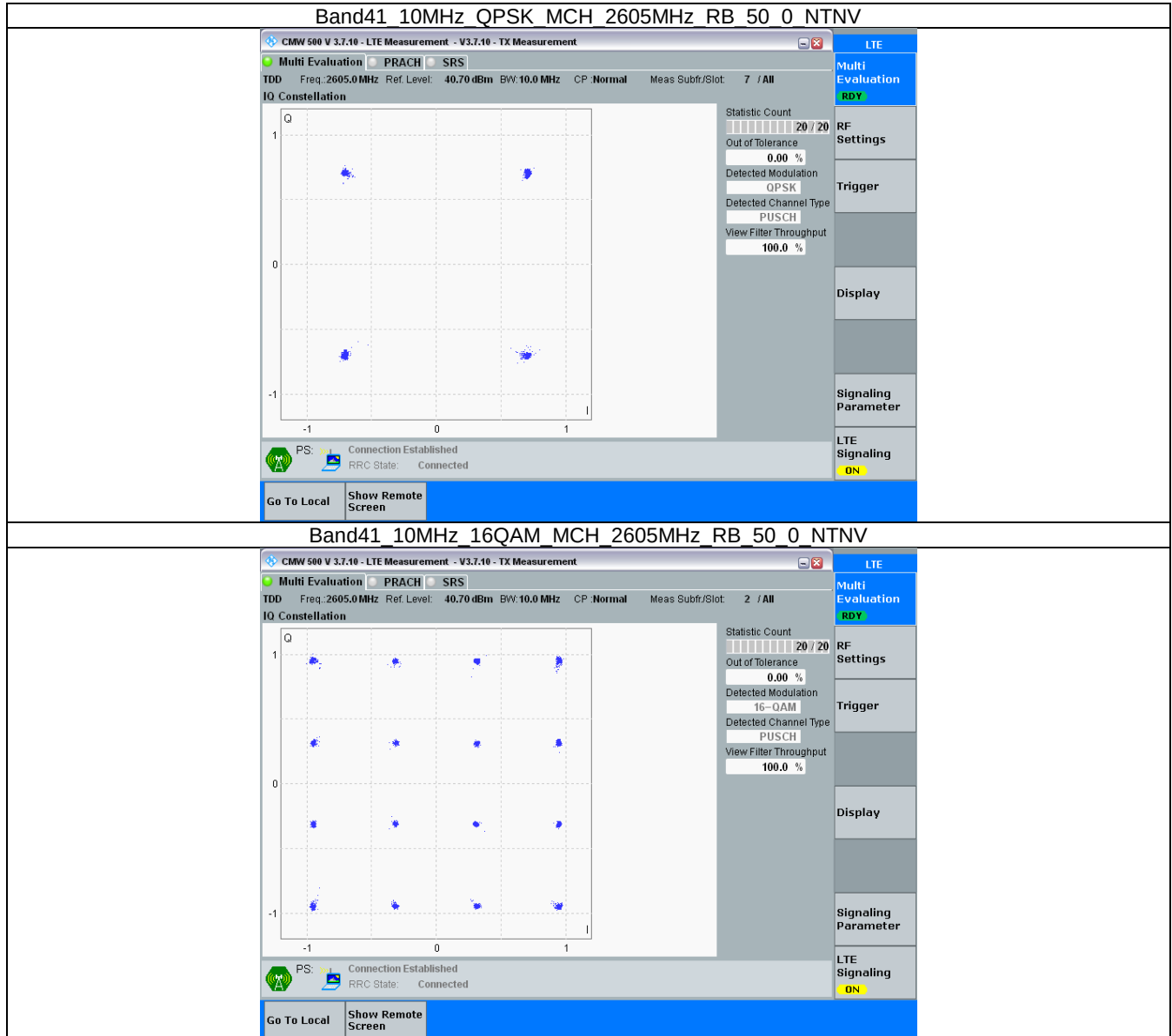
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

3.2 Test Graph

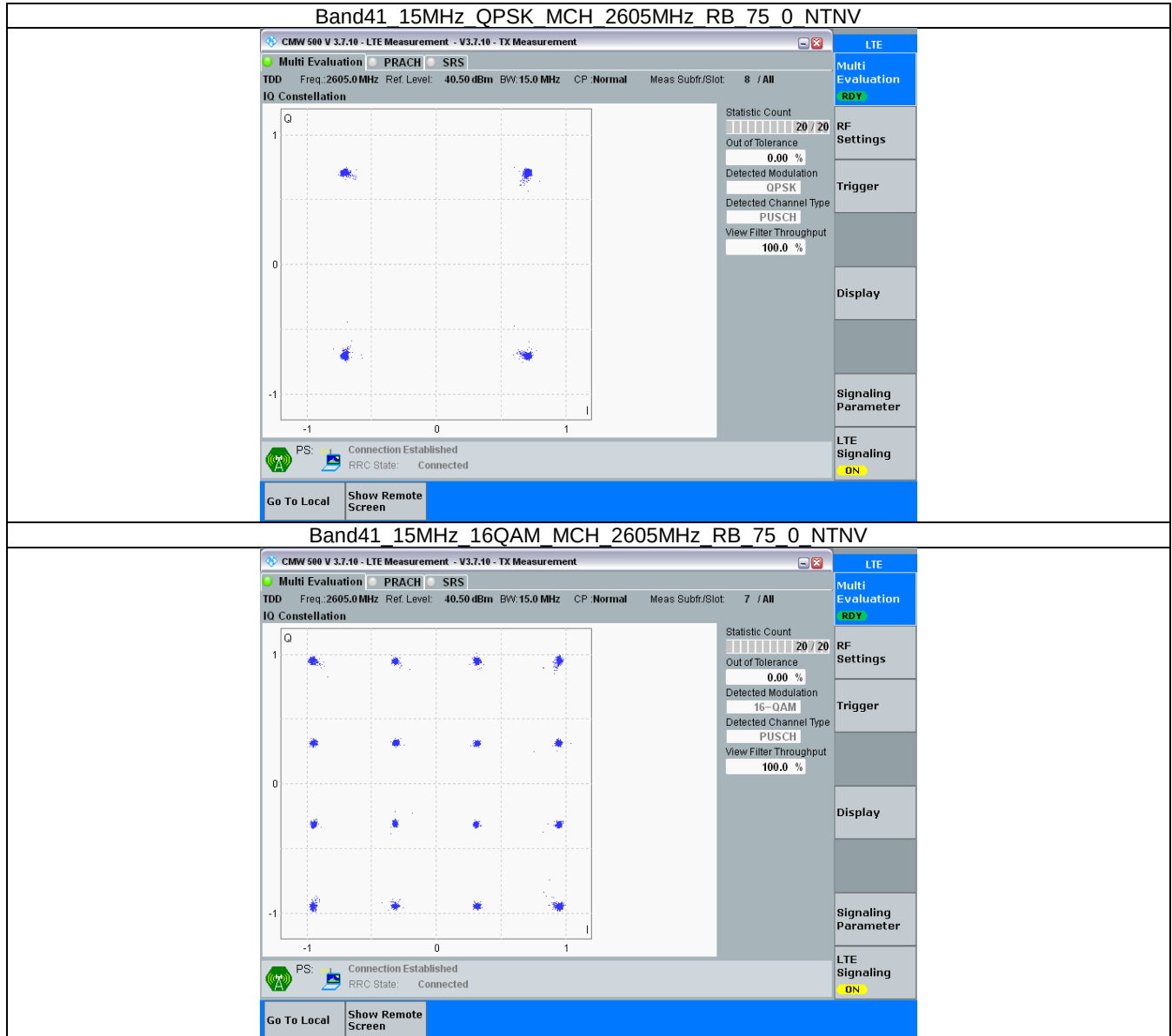
3.2.1 B41_5MHz



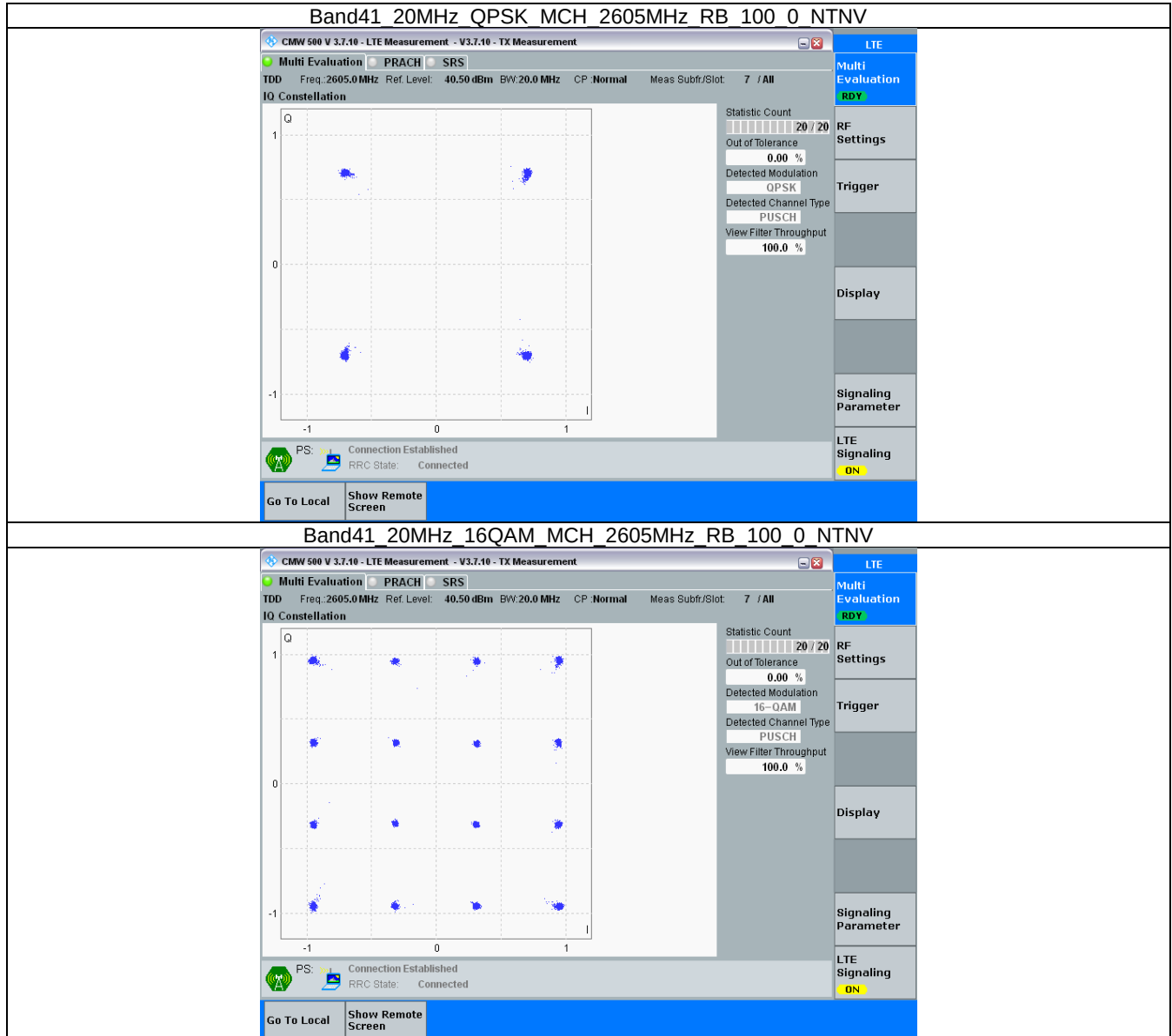
3.2.2 B41_10MHz



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	4.530	/	Pass
		2605	25	0	4.523	/	Pass
		2652.5	25	0	4.516	/	Pass
	16QAM	2557.5	25	0	4.529	/	Pass
		2605	25	0	4.508	/	Pass
		2652.5	25	0	4.517	/	Pass
10	QPSK	2560	50	0	8.957	/	Pass
		2605	50	0	8.968	/	Pass
		2650	50	0	8.972	/	Pass
	16QAM	2560	50	0	8.965	/	Pass
		2605	50	0	8.973	/	Pass
		2650	50	0	8.967	/	Pass
15	QPSK	2562.5	75	0	13.445	/	Pass
		2605	75	0	13.460	/	Pass
		2647.5	75	0	13.463	/	Pass
	16QAM	2562.5	75	0	13.469	/	Pass
		2605	75	0	13.455	/	Pass
		2647.5	75	0	13.492	/	Pass
20	QPSK	2565	100	0	17.871	/	Pass
		2605	100	0	17.853	/	Pass
		2645	100	0	17.898	/	Pass
	16QAM	2565	100	0	17.856	/	Pass
		2605	100	0	17.892	/	Pass
		2645	100	0	17.884	/	Pass

4.1.2 Band41_XDB

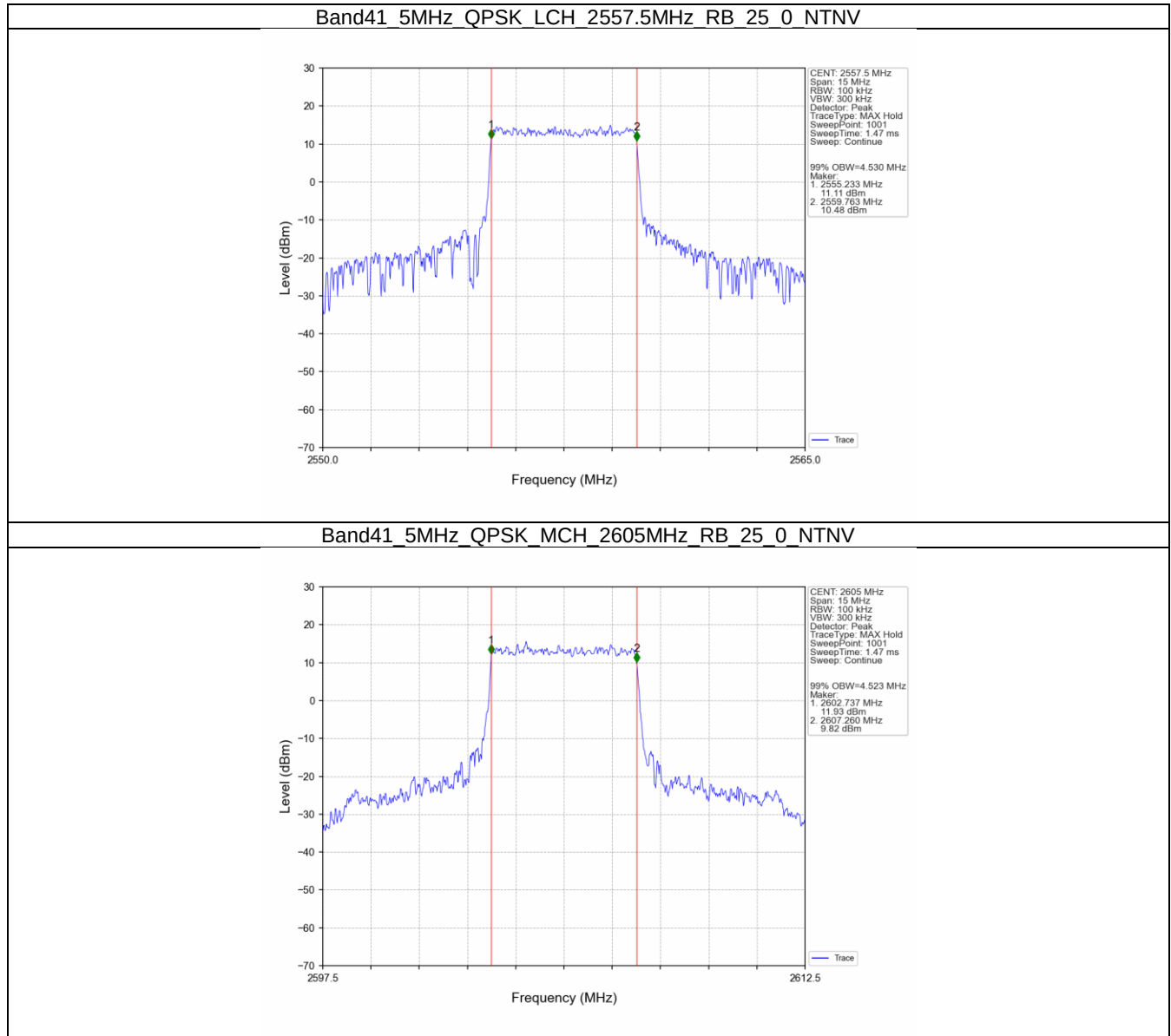
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.199	/	Pass
		2605	25	0	5.001	/	Pass
		2652.5	25	0	5.165	/	Pass
	16QAM	2557.5	25	0	4.991	/	Pass
		2605	25	0	4.971	/	Pass
		2652.5	25	0	4.949	/	Pass
10	QPSK	2560	50	0	9.694	/	Pass
		2605	50	0	9.804	/	Pass
		2650	50	0	9.784	/	Pass
	16QAM	2560	50	0	10.309	/	Pass
		2605	50	0	9.715	/	Pass
		2650	50	0	9.489	/	Pass
15	QPSK	2562.5	75	0	14.682	/	Pass
		2605	75	0	14.480	/	Pass
		2647.5	75	0	14.967	/	Pass
	16QAM	2562.5	75	0	14.960	/	Pass
		2605	75	0	14.516	/	Pass
		2647.5	75	0	14.760	/	Pass
20	QPSK	2565	100	0	19.057	/	Pass



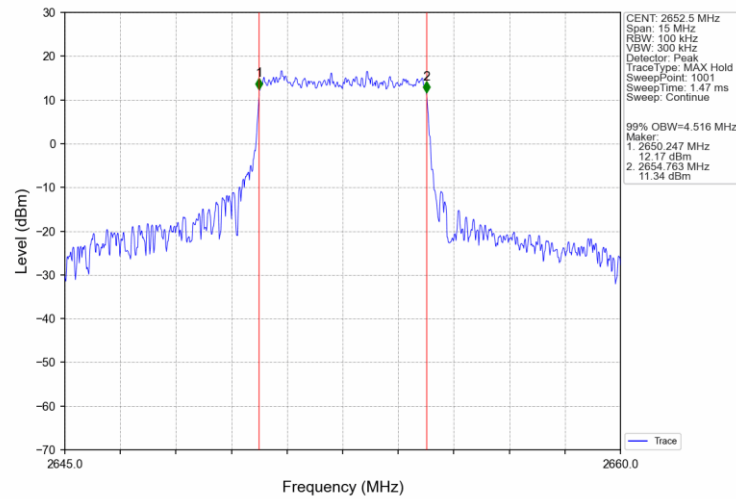
		2605	100	0	18.948	/	Pass
		2645	100	0	19.181	/	Pass
	16QAM	2565	100	0	19.016	/	Pass
		2605	100	0	19.269	/	Pass
		2645	100	0	18.922	/	Pass

4.2 Test Graph

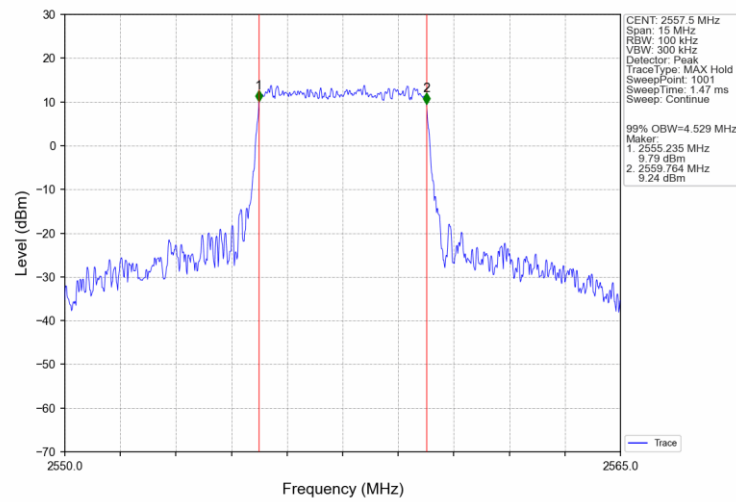
4.2.1 Band41_OBW



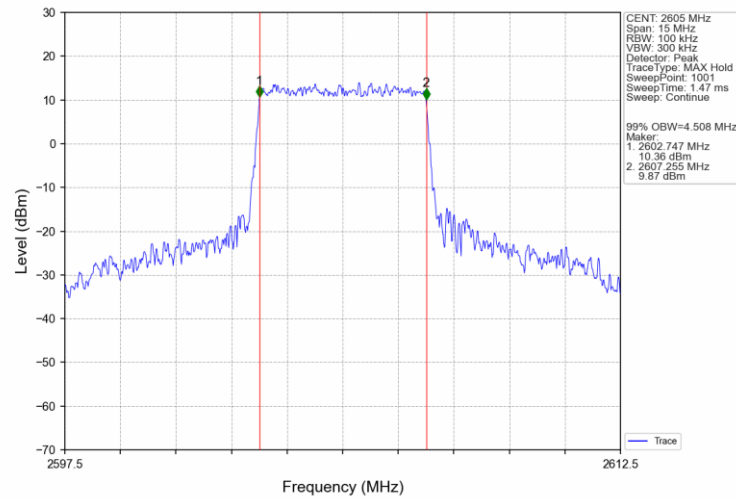
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



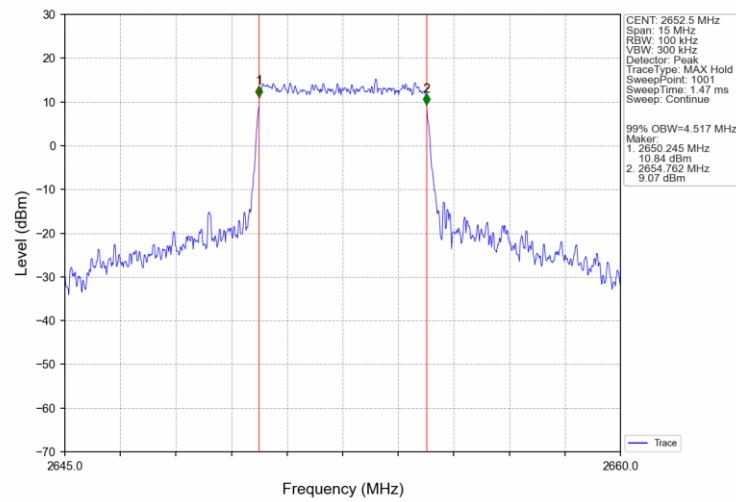
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



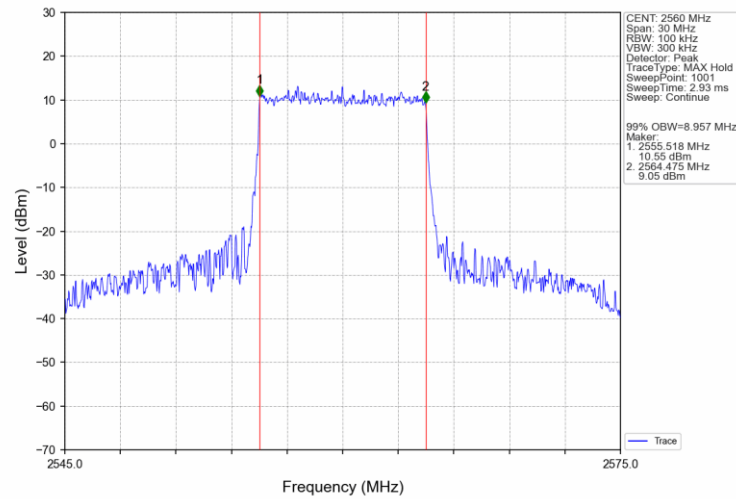
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



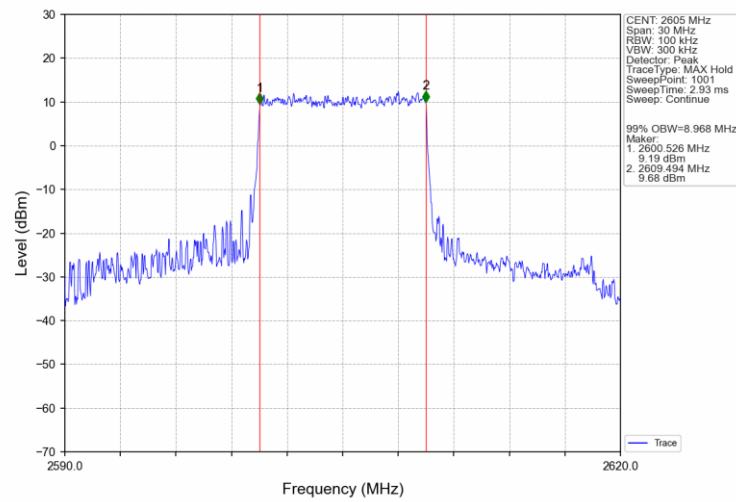
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



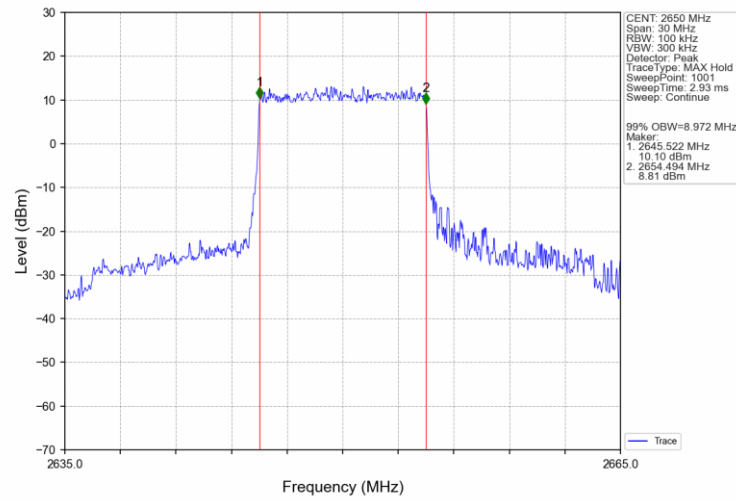
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



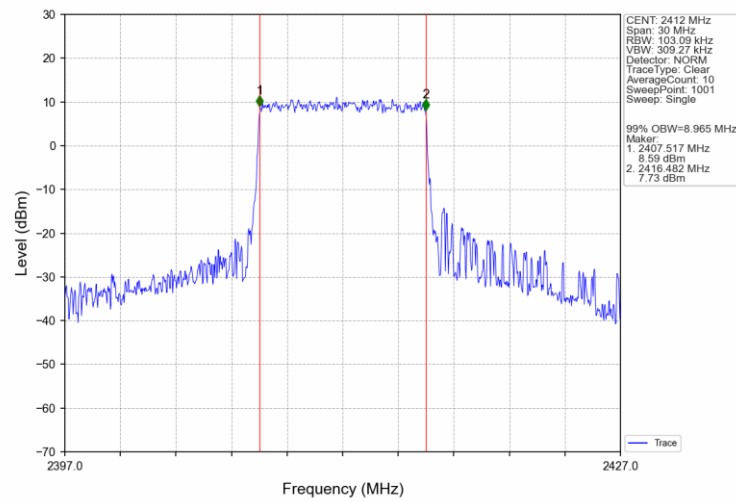
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



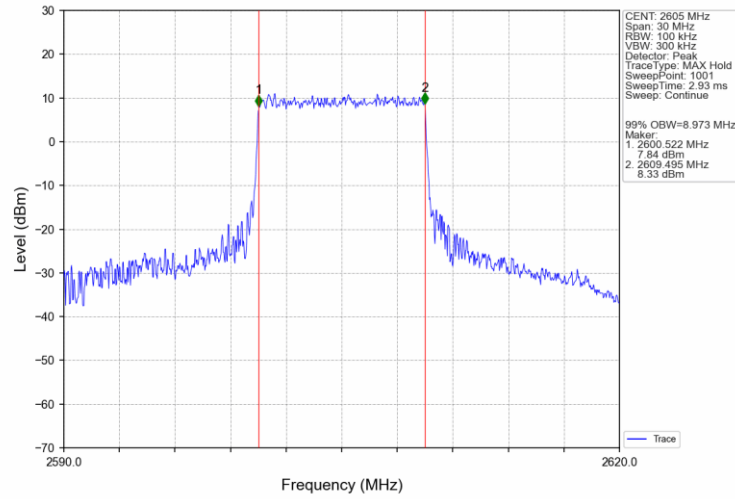
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



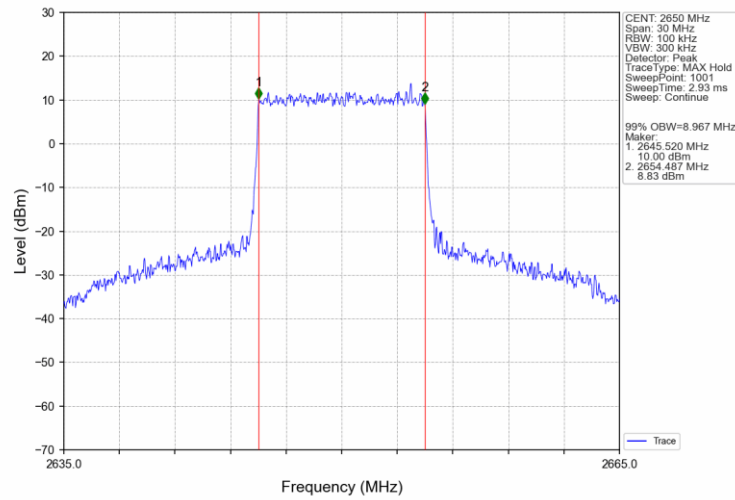
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



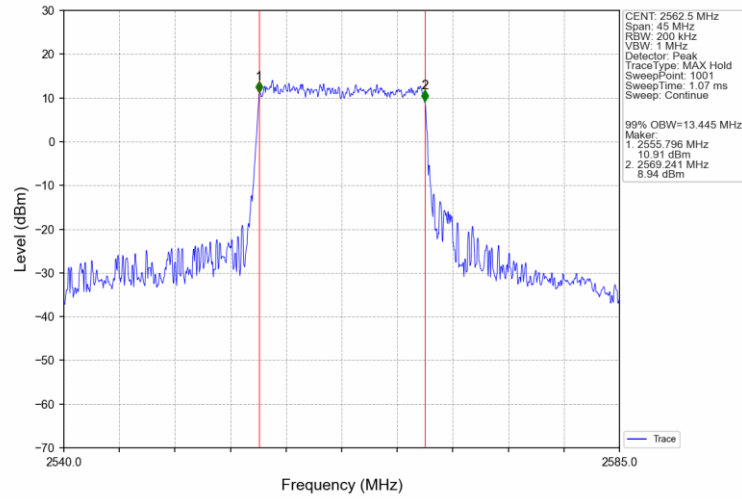
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



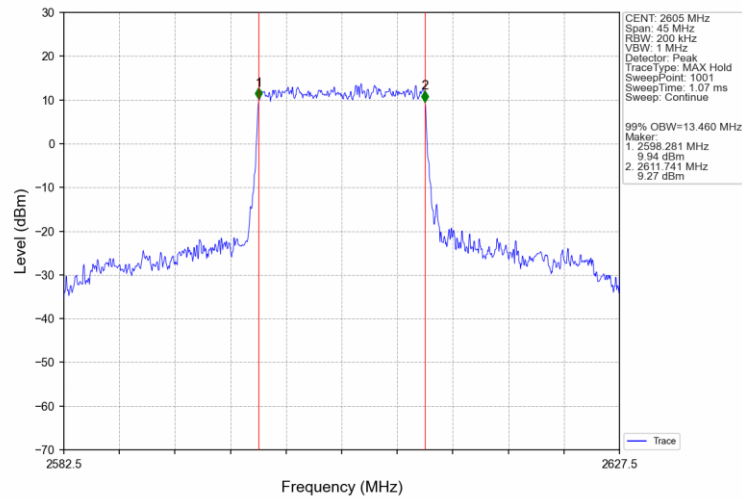
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



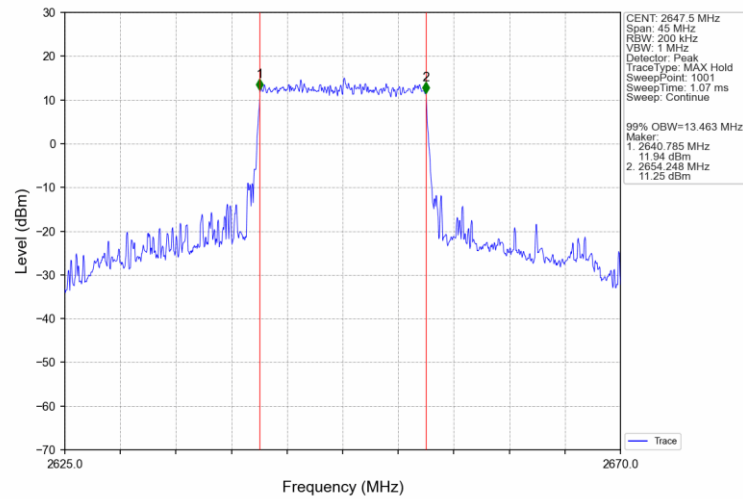
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



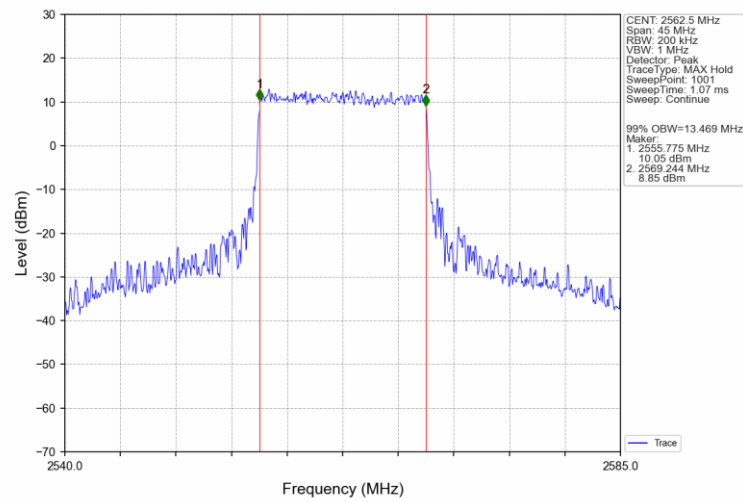
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



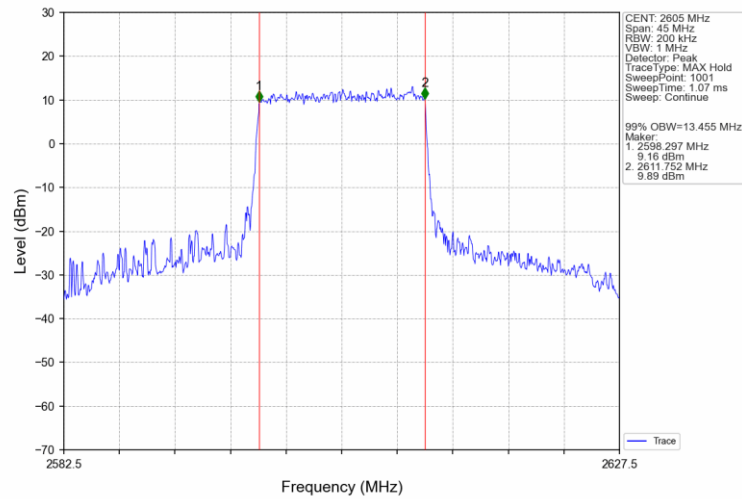
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



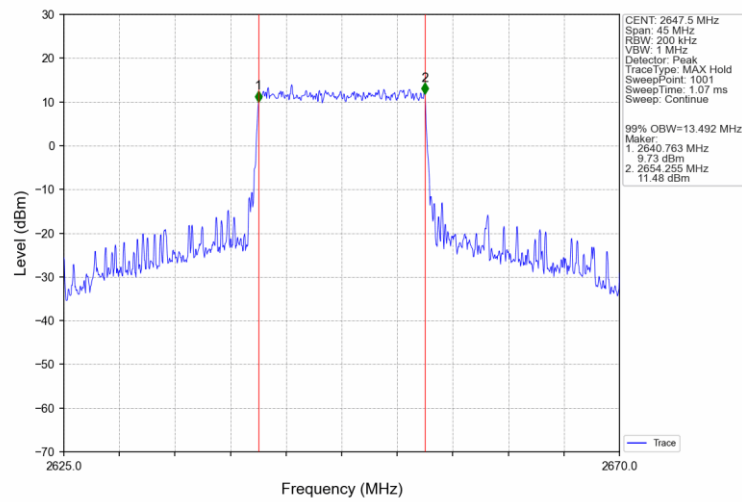
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



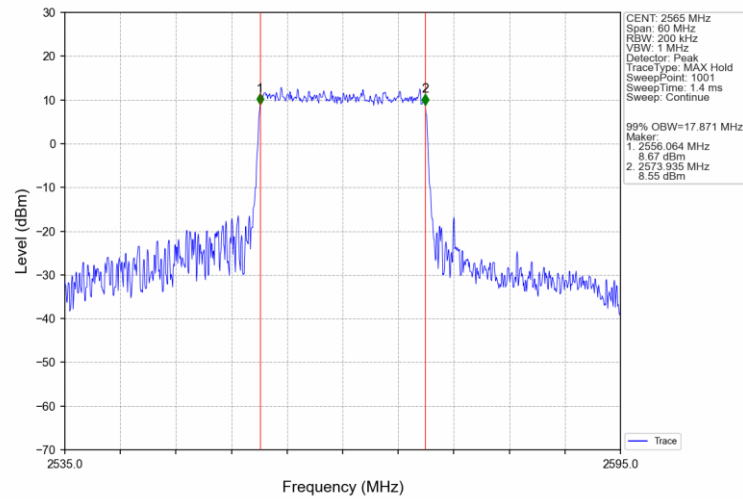
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



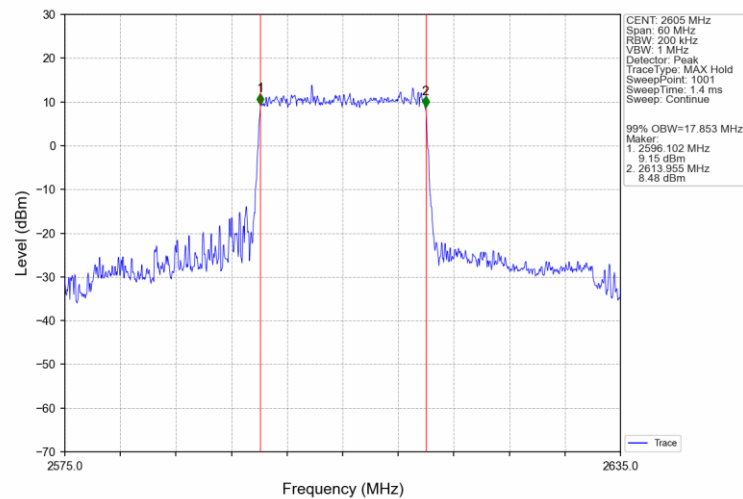
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



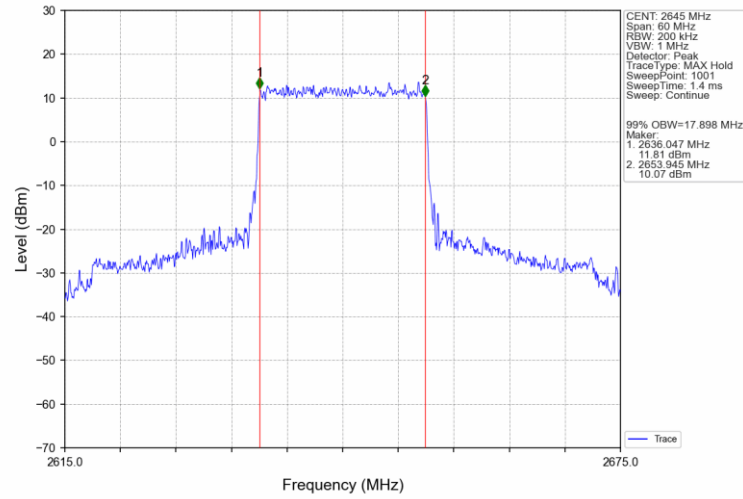
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



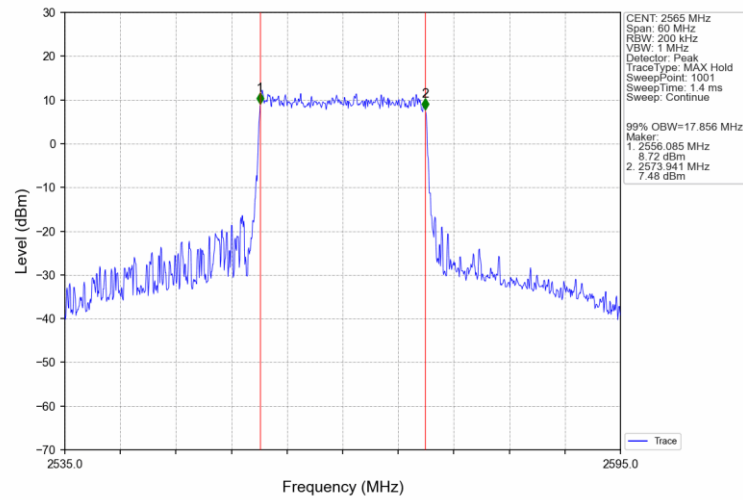
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



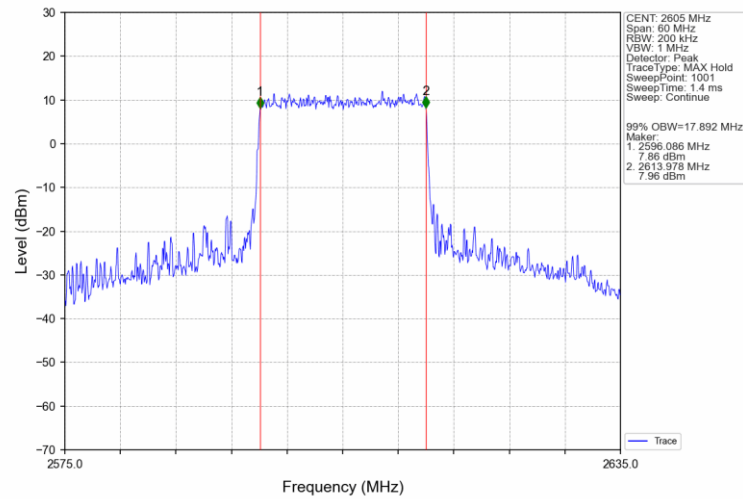
Band41 20MHz QPSK HCH 2645MHz RB 100 0 NTN



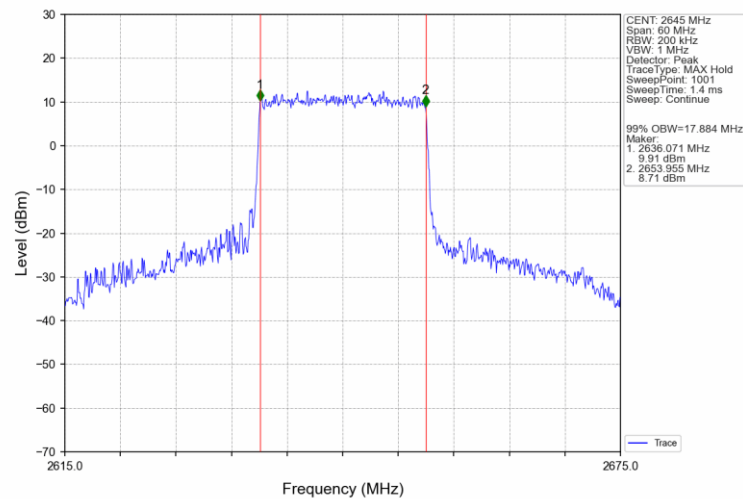
Band41 20MHz 16QAM LCH 2565MHz RB 100 0 NTN



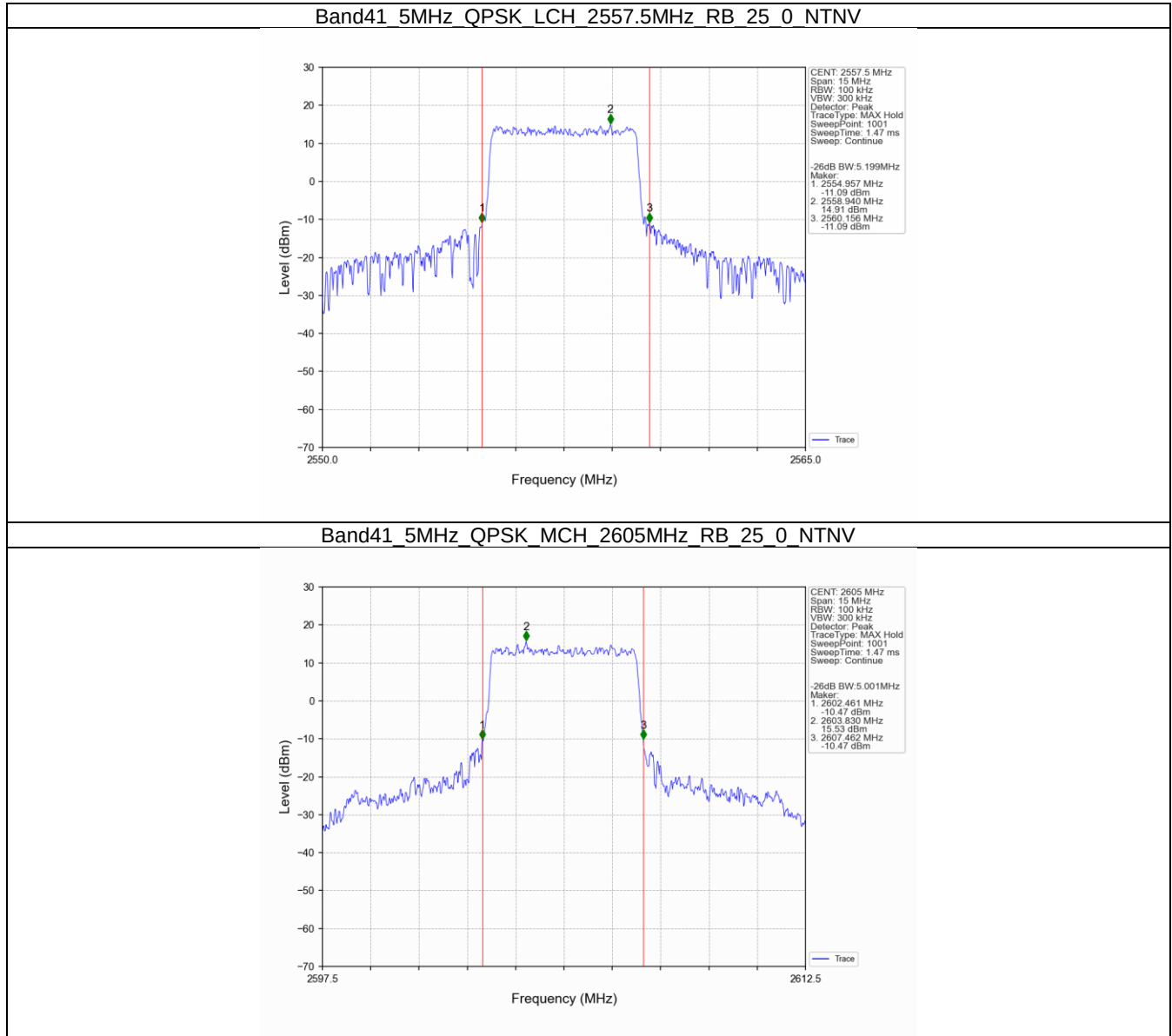
Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



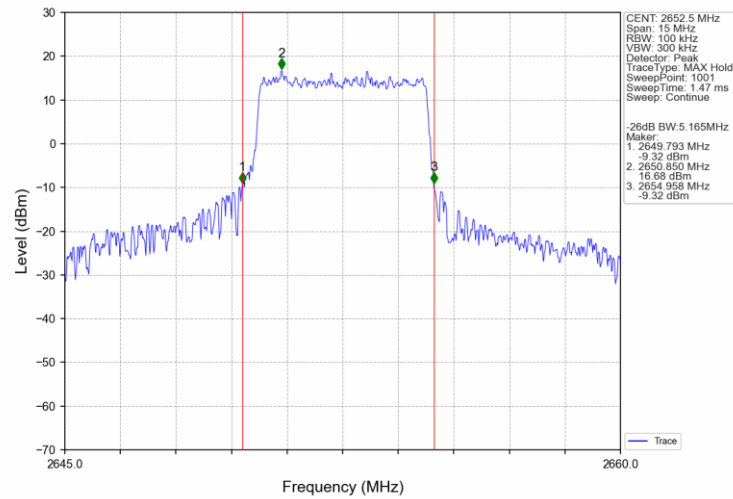
Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



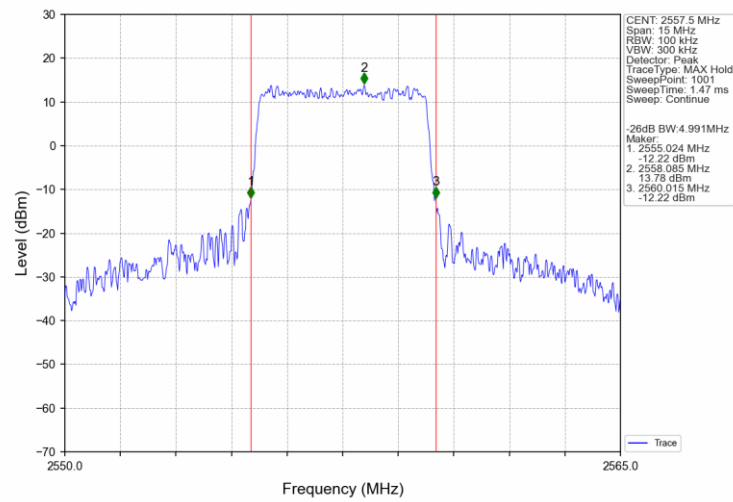
4.2.2 Band41_XDB



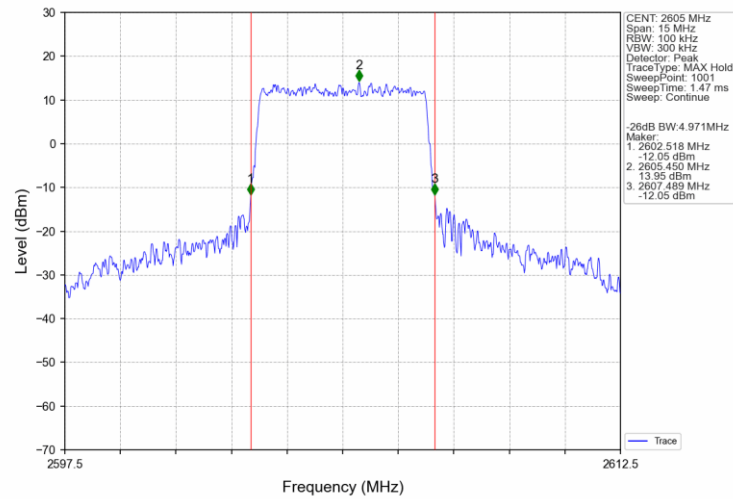
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



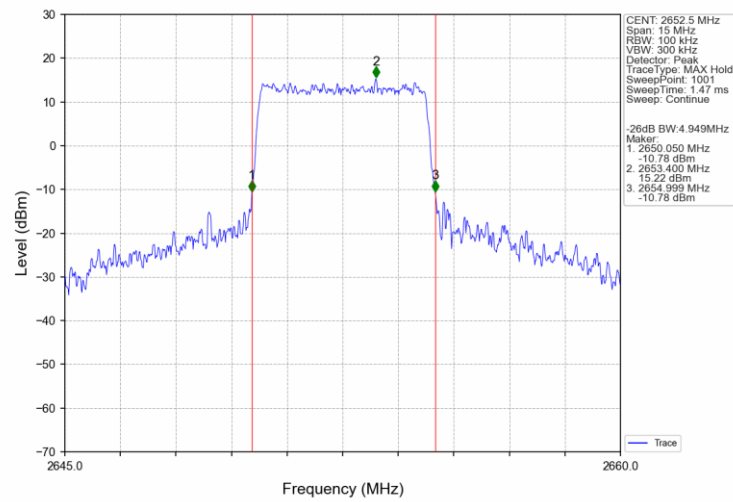
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



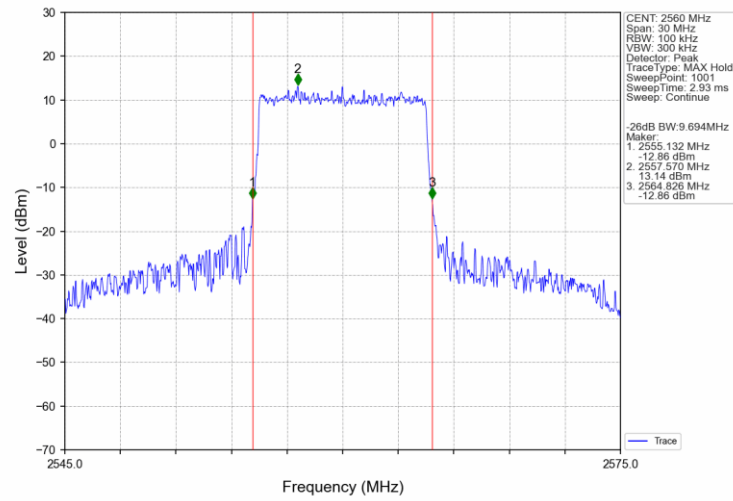
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



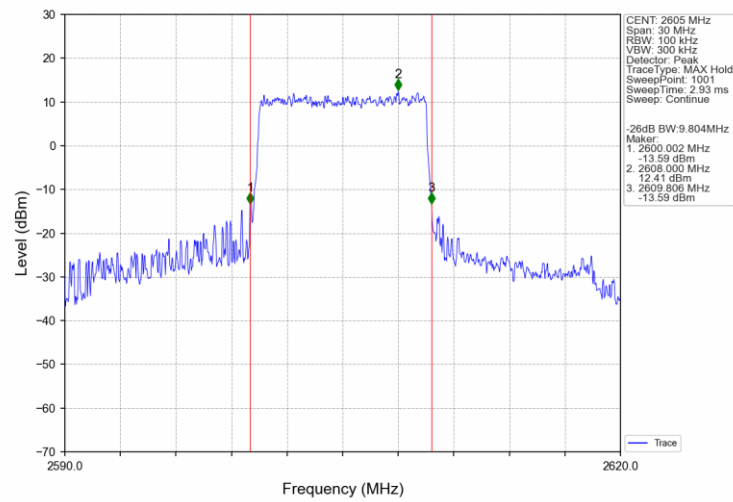
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



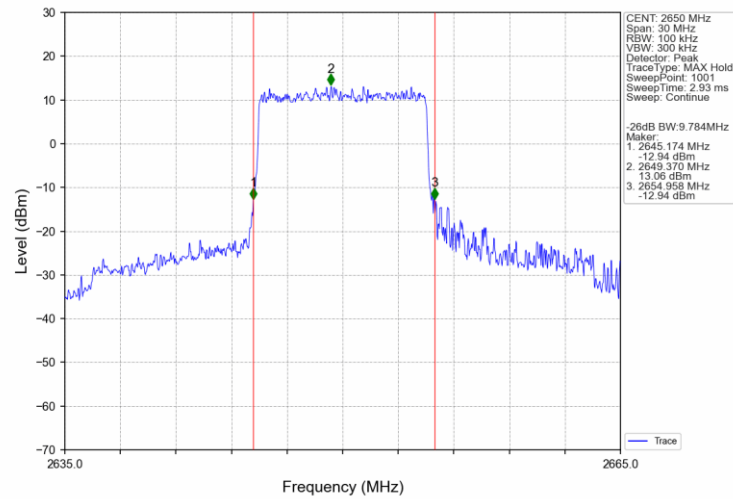
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



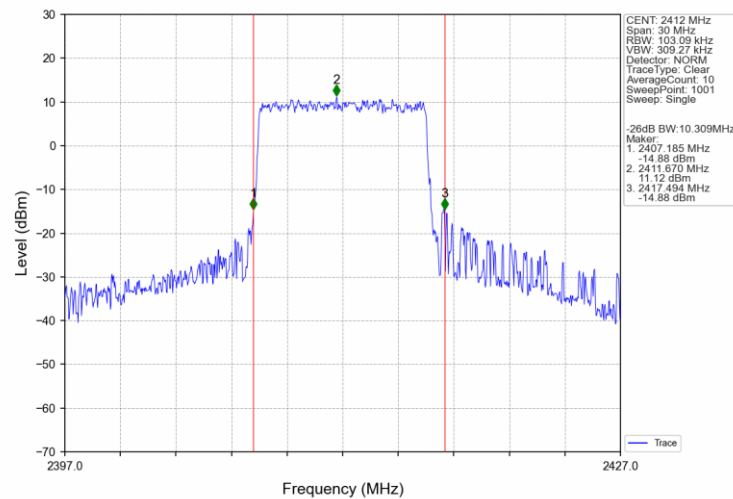
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



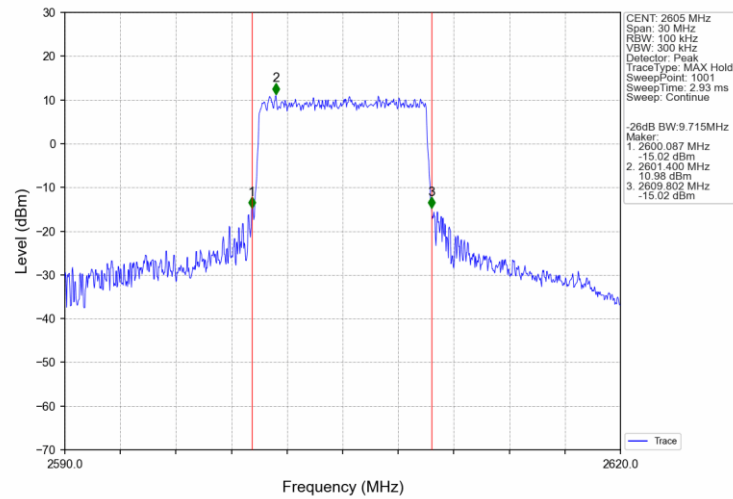
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



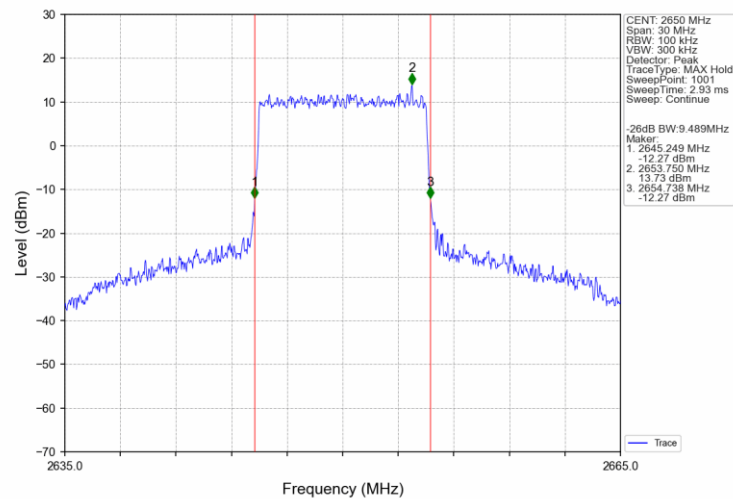
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



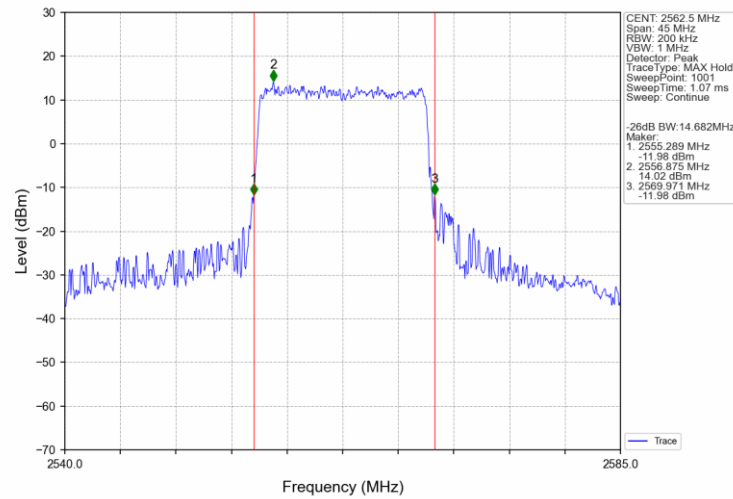
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



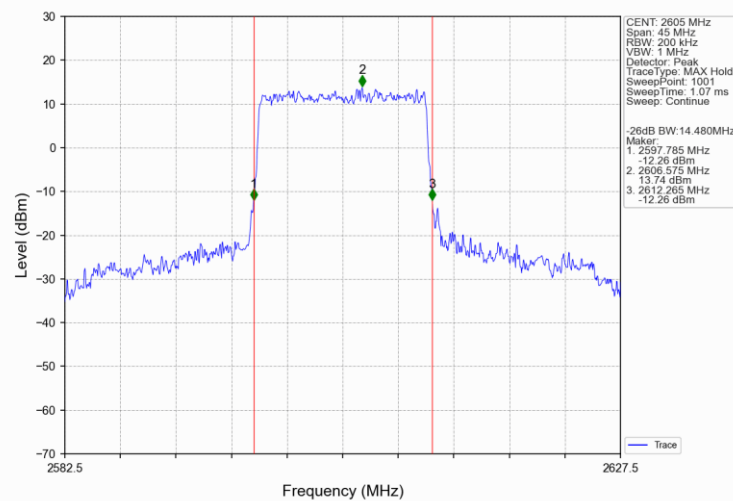
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



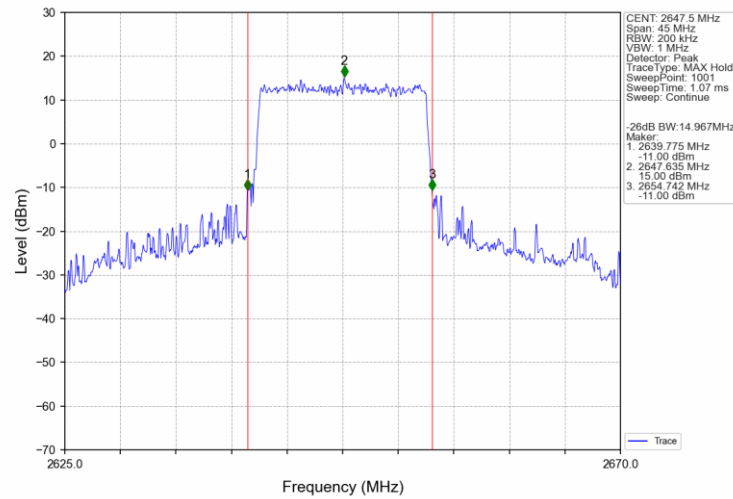
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



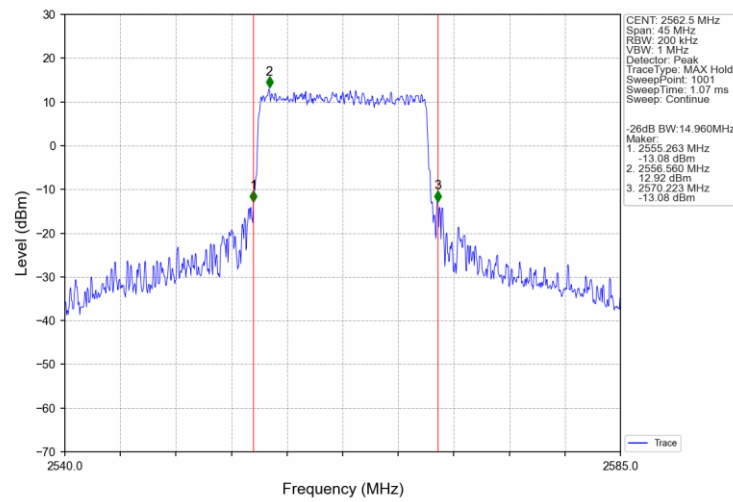
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



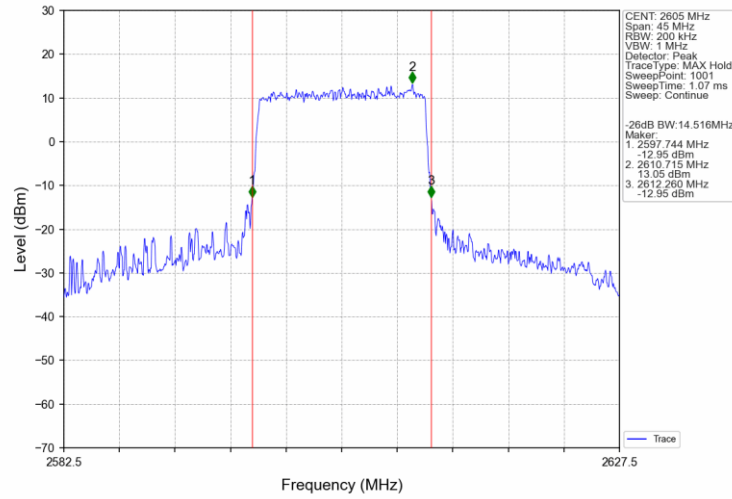
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



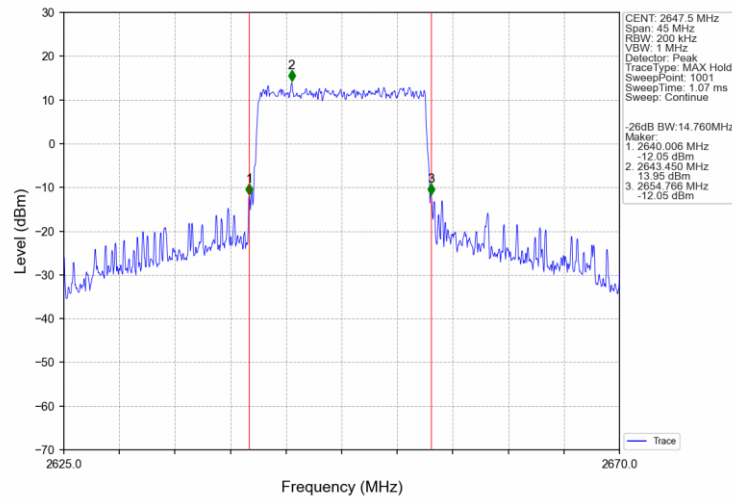
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



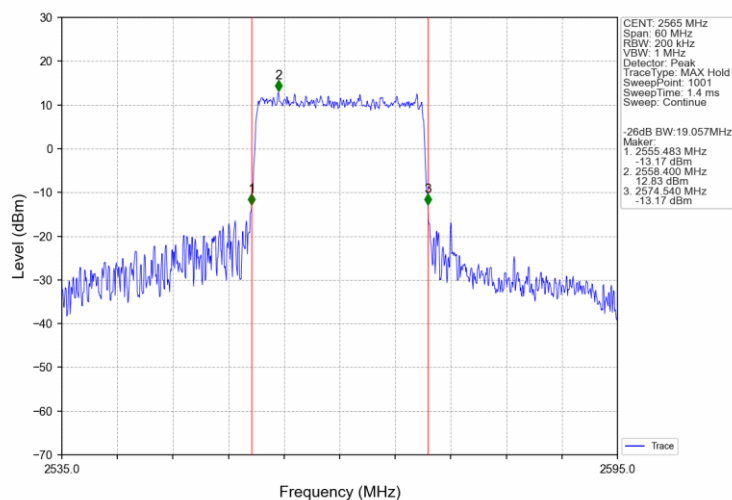
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



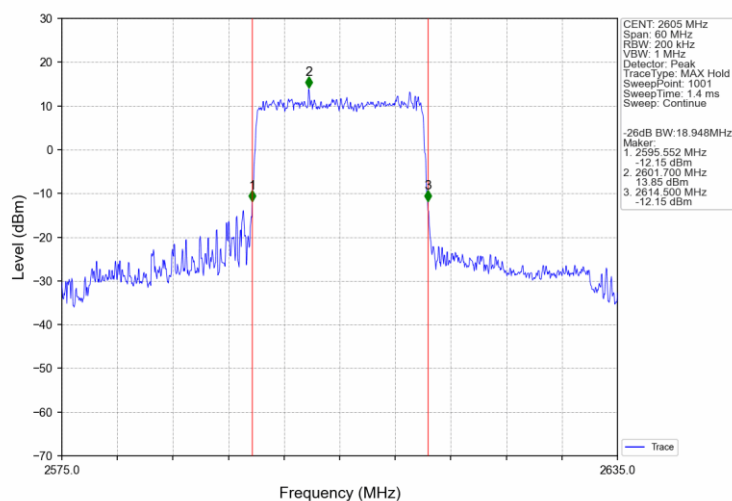
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



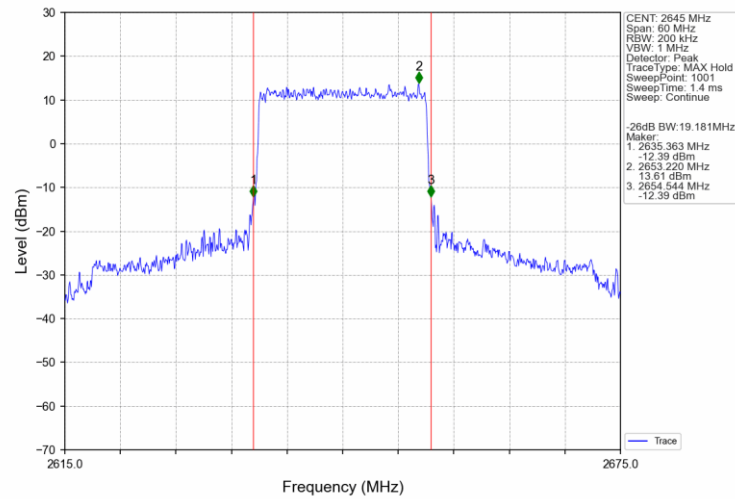
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



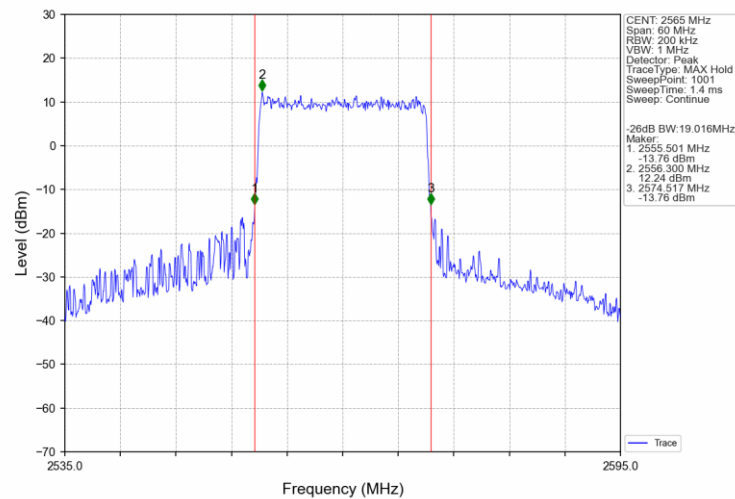
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



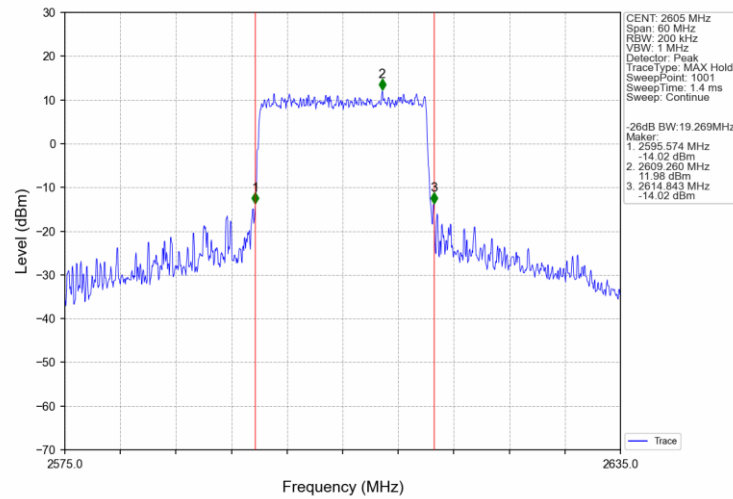
Band41 20MHz QPSK HCH 2645MHz RB 100 0 NTN



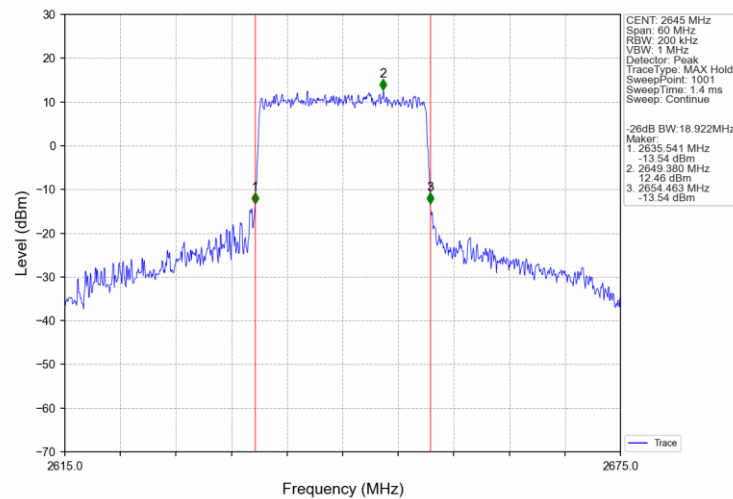
Band41 20MHz 16QAM LCH 2565MHz RB 100 0 NTN



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	7.61	<=13	Pass
	2605	25	0	7.16	<=13	Pass
	2652.5	25	0	7.18	<=13	Pass
16QAM	2557.5	25	0	8.20	<=13	Pass
	2605	25	0	7.87	<=13	Pass
	2652.5	25	0	7.77	<=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	7.55	<=13	Pass
	2605	50	0	7.07	<=13	Pass
	2650	50	0	7.14	<=13	Pass
16QAM	2560	50	0	8.24	<=13	Pass
	2605	50	0	8.08	<=13	Pass
	2650	50	0	7.80	<=13	Pass

5.1.3 B41_15MHz

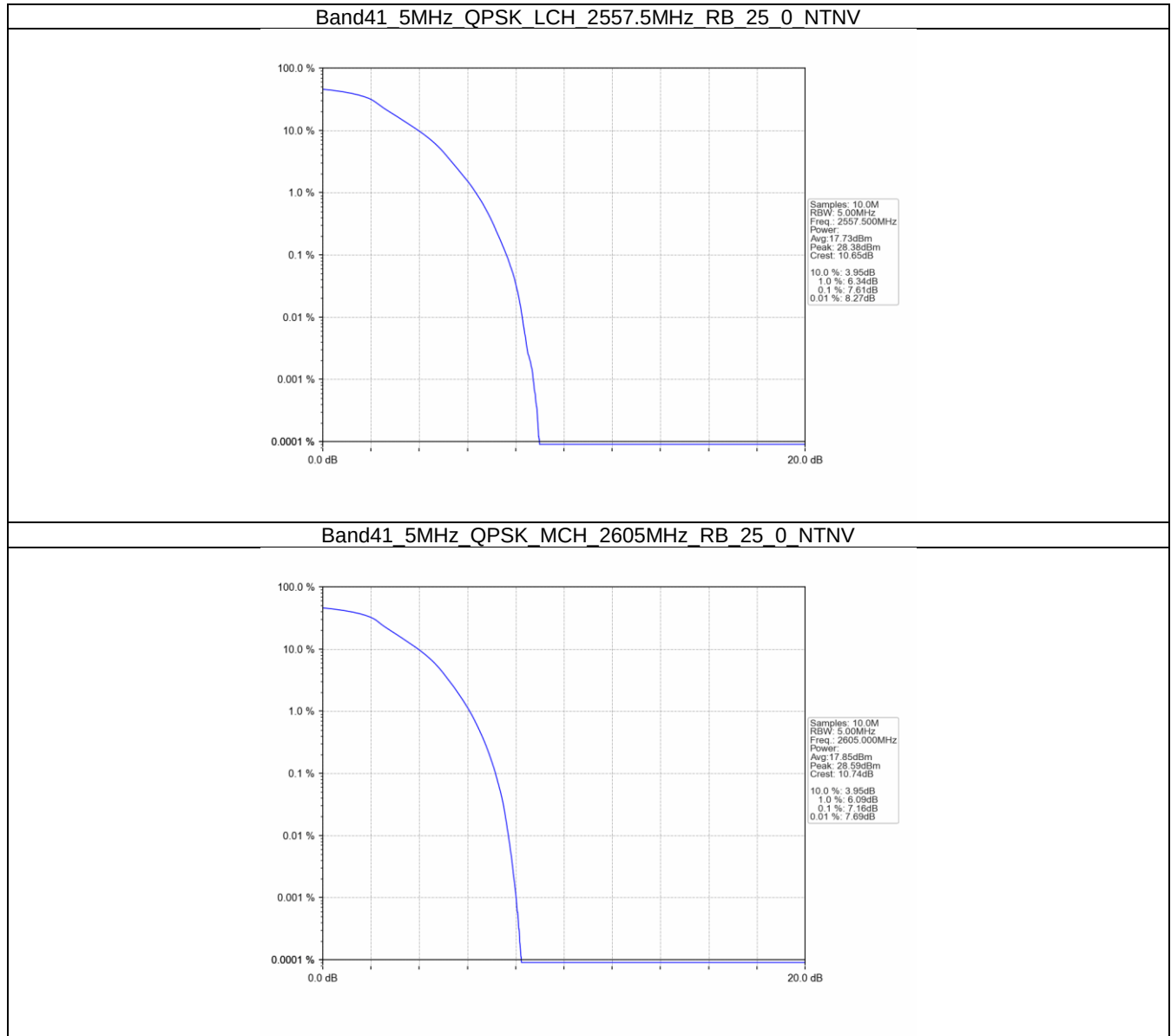
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	75	0	7.67	<=13	Pass
	2605	75	0	7.30	<=13	Pass
	2647.5	75	0	6.79	<=13	Pass
16QAM	2562.5	75	0	8.27	<=13	Pass
	2605	75	0	7.75	<=13	Pass
	2647.5	75	0	7.73	<=13	Pass

5.1.4 B41_20MHz

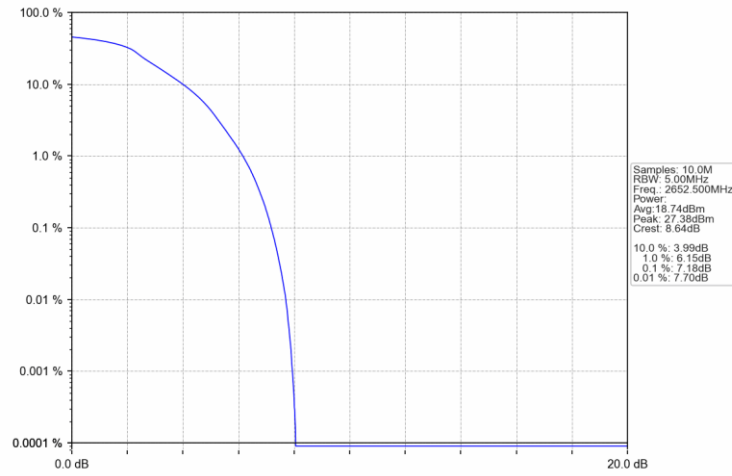
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.57	<=13	Pass
	2605	100	0	6.93	<=13	Pass
	2645	100	0	7.21	<=13	Pass
16QAM	2565	100	0	8.18	<=13	Pass
	2605	100	0	8.06	<=13	Pass
	2645	100	0	7.60	<=13	Pass

5.2 Test Graph

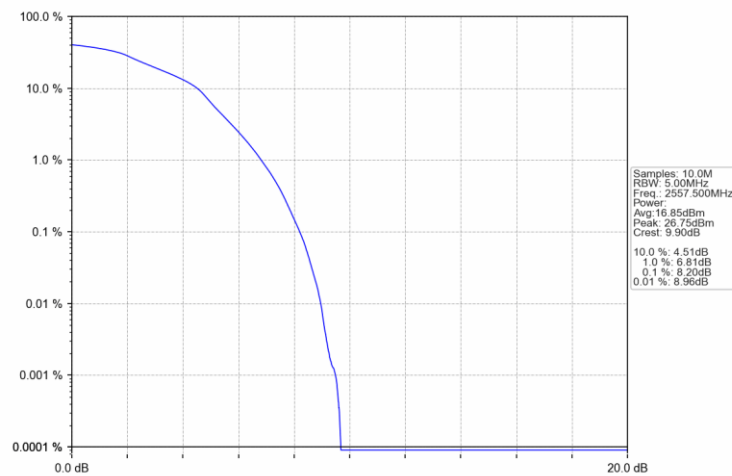
5.2.1 B41_5MHz



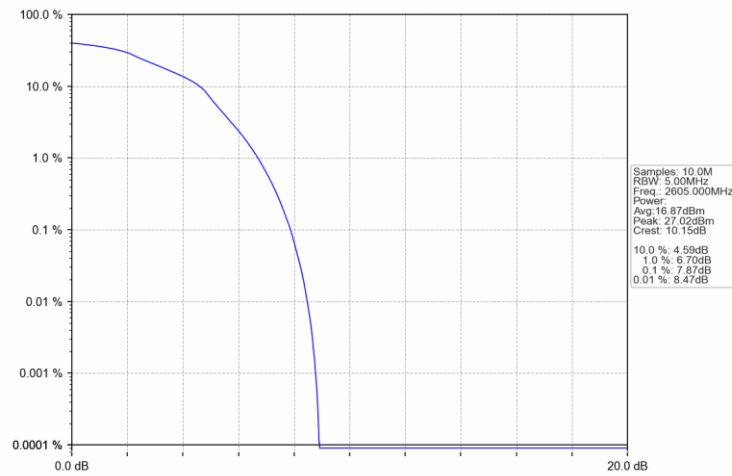
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



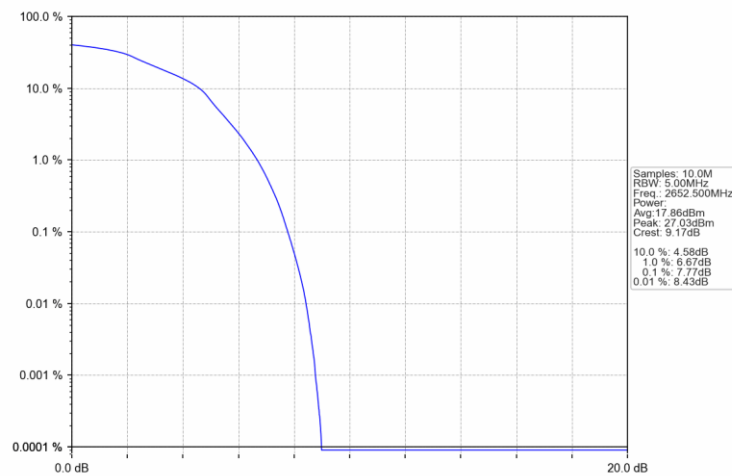
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



Band41 5MHz 16QAM MCH 2605MHz RB 25 0 NTNV

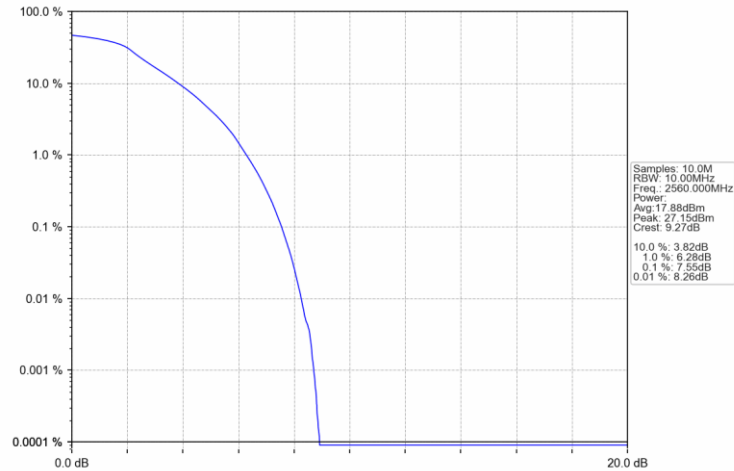


Band41 5MHz 16QAM HCH 2652.5MHz RB 25 0 NTNV

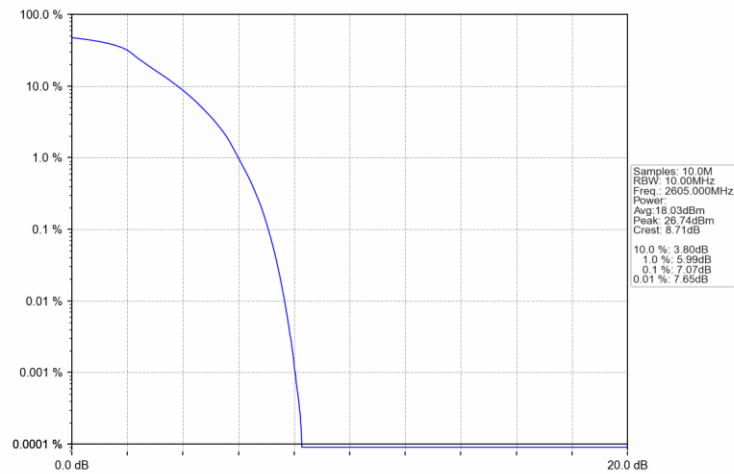


5.2.2 B41_10MHz

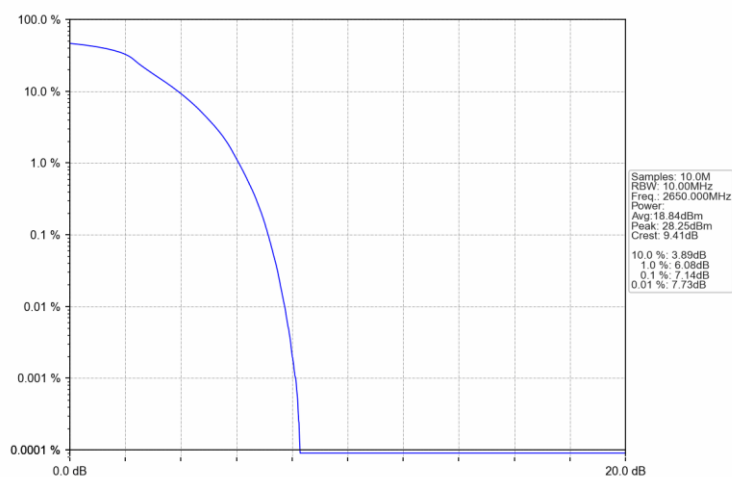
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



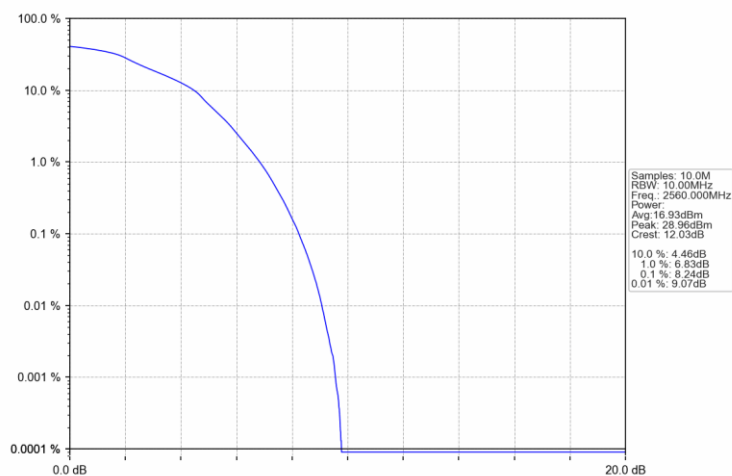
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



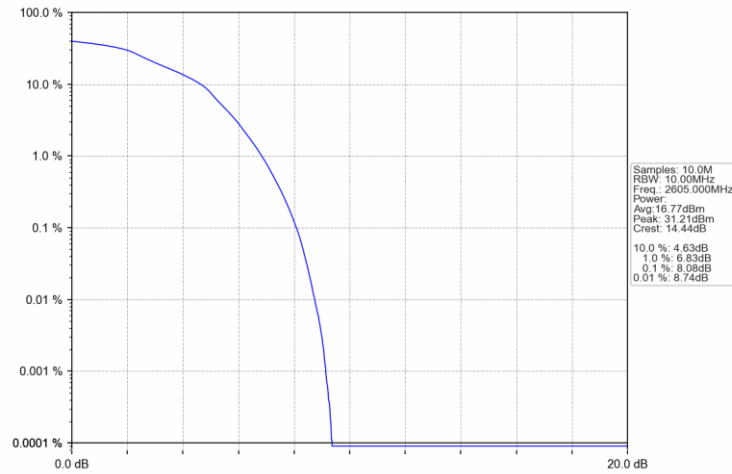
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



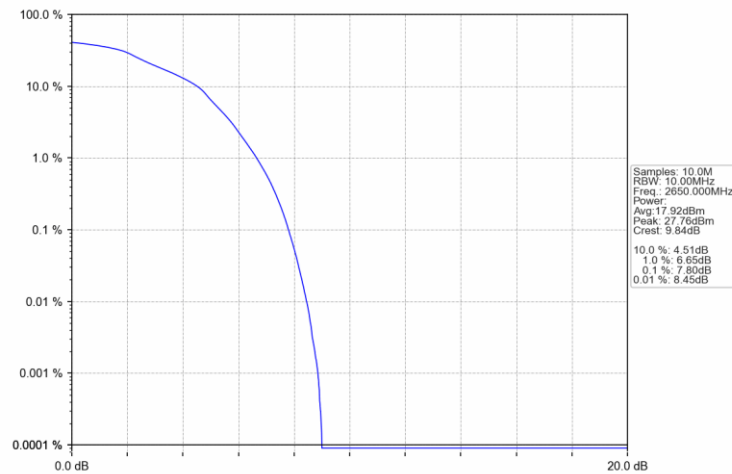
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



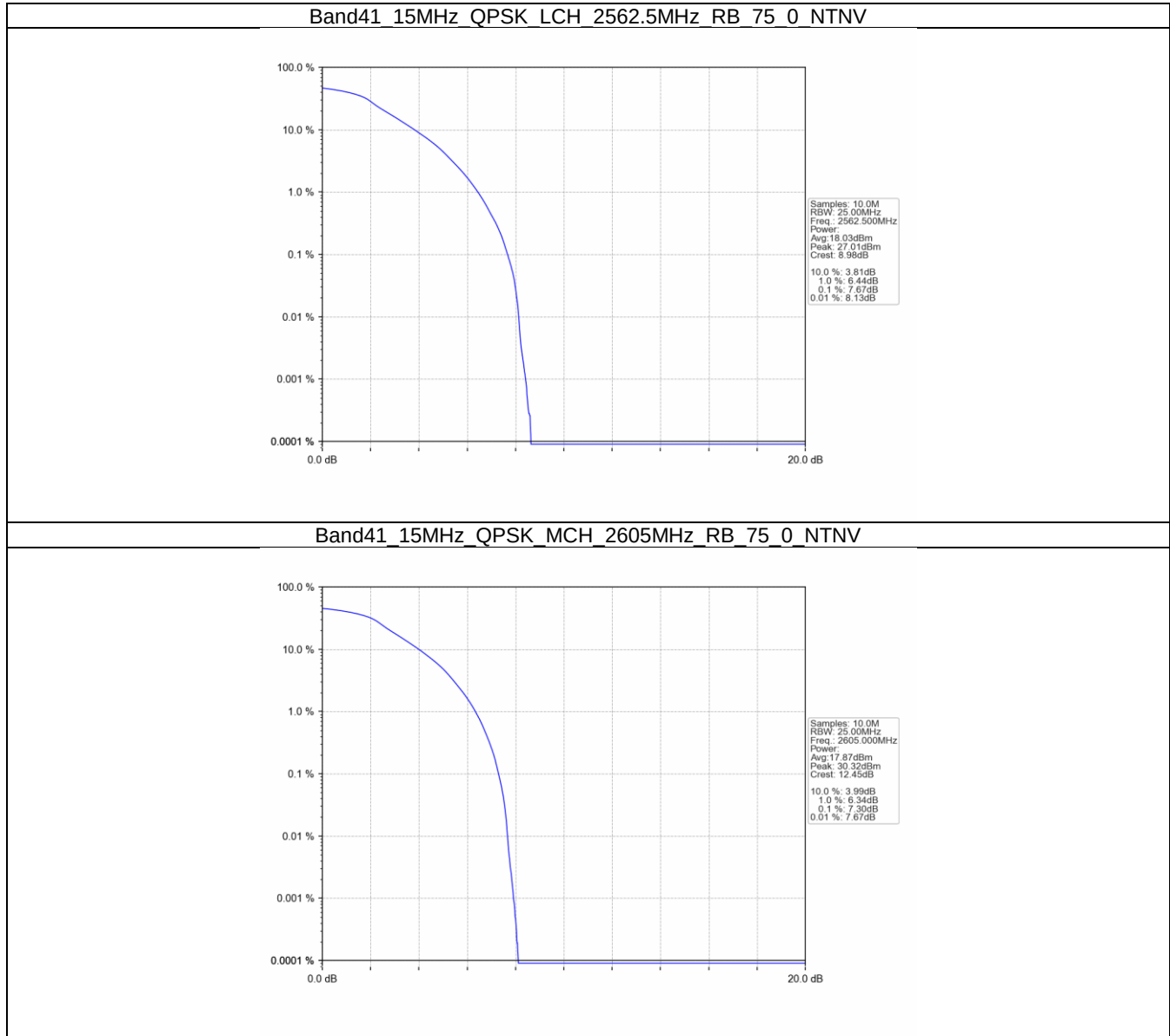
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



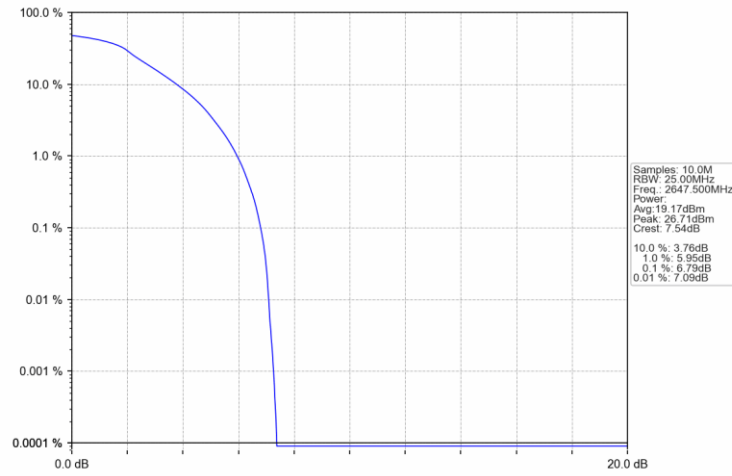
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



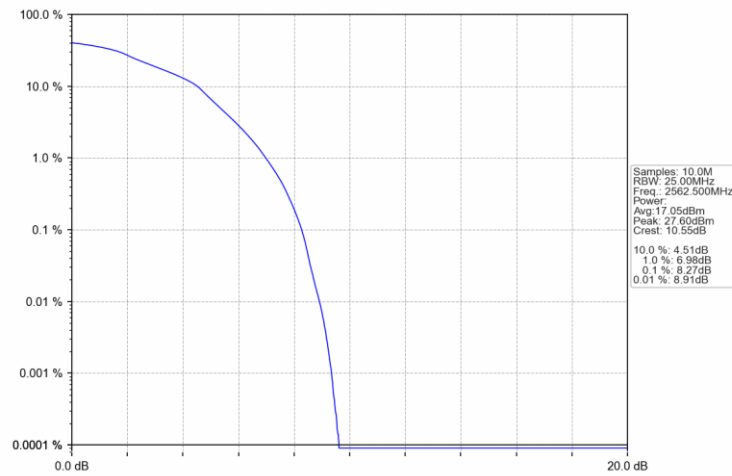
5.2.3 B41_15MHz



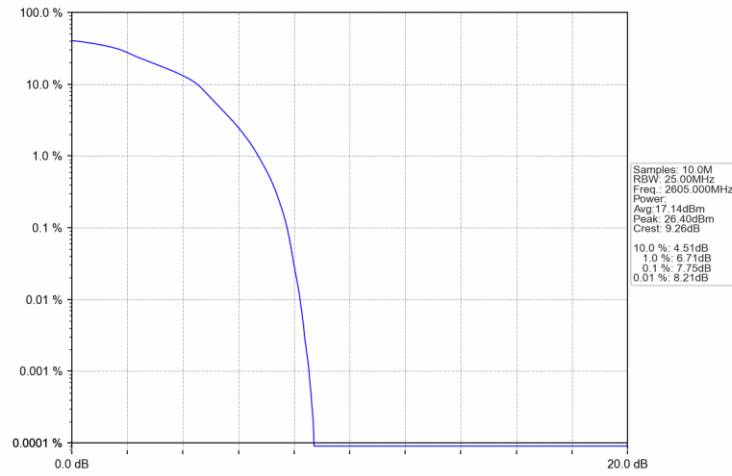
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



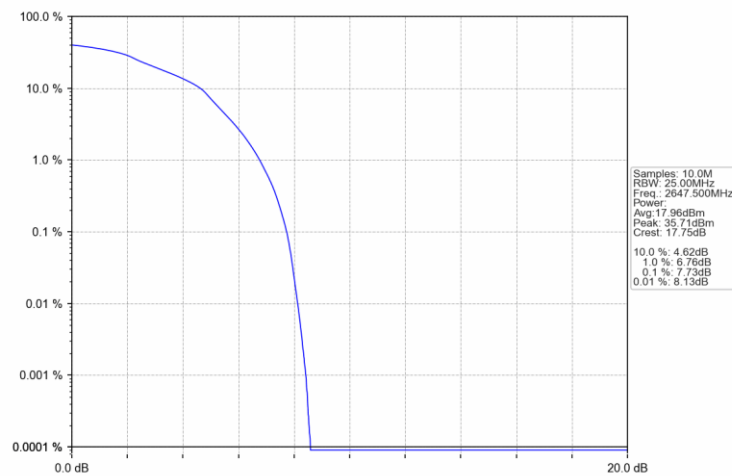
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



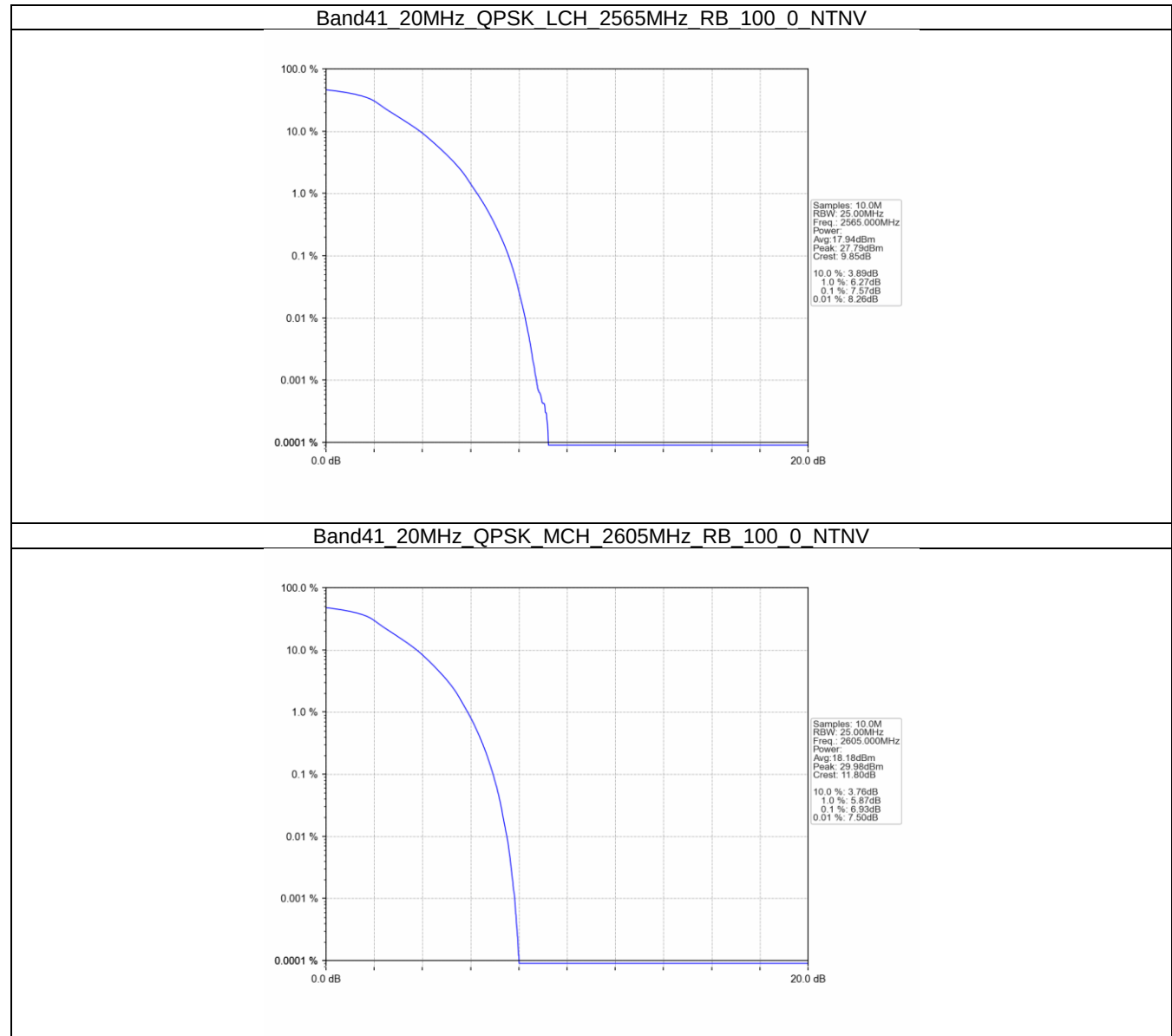
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



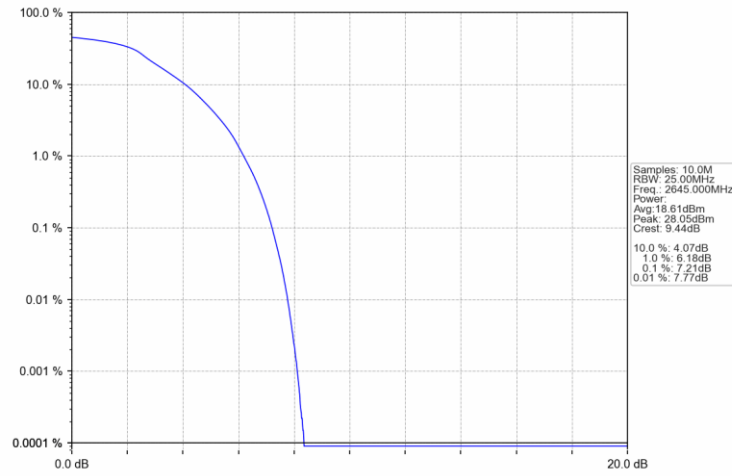
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



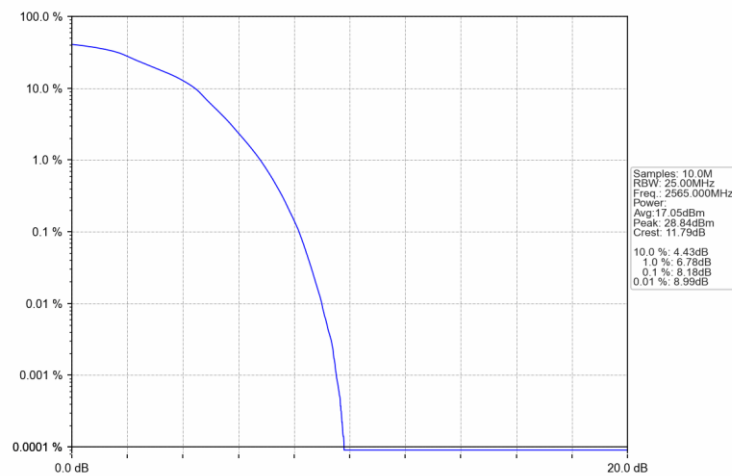
5.2.4 B41_20MHz



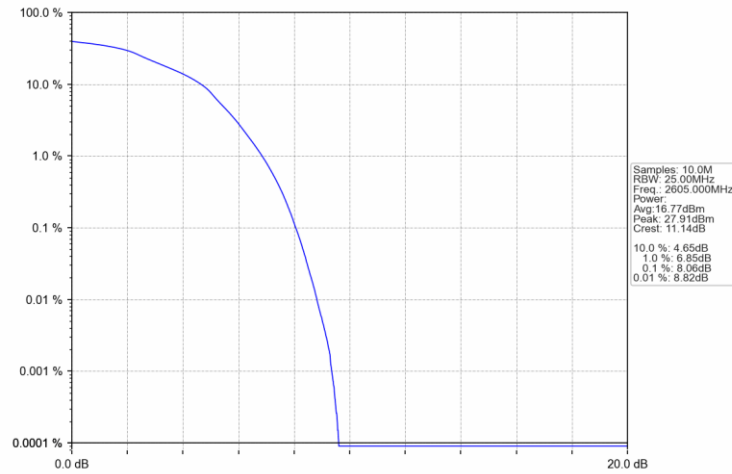
Band41 20MHz QPSK HCH 2645MHz RB 100 0 NTN



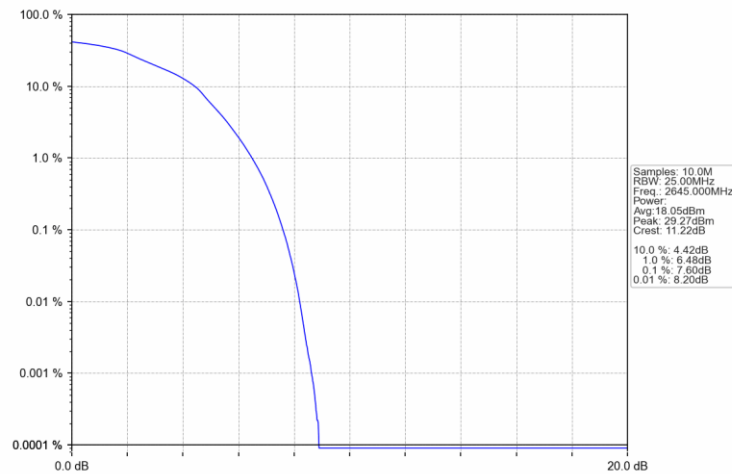
Band41 20MHz 16QAM LCH 2565MHz RB 100 0 NTN



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	
		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
		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
		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	
		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
		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
	2605	1	0	Refer To Test Graph	Pass
	2650	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass

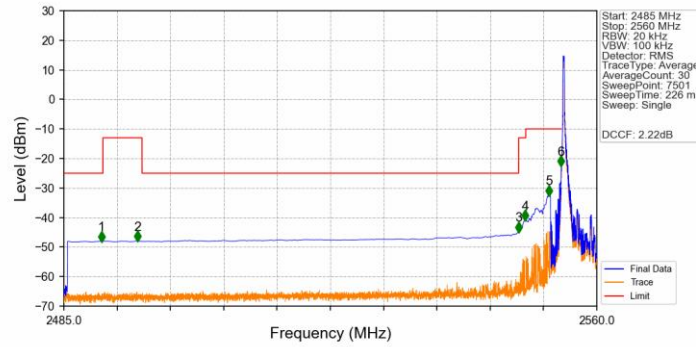
6.1.4 B41_20MHz

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
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	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	2490.300	-48.02	-25	Pass
2490.5	2496	1	CHP	2	2495.360	-47.91	-13	Pass
2496	2549	1	CHP	3	2549.000	-44.80	-25	Pass
2549	2550	1	CHP	4	2549.900	-40.90	-13	Pass
2550	2554	1	CHP	5	2553.230	-32.41	-10	Pass
2554	2555	0.02	/	/	2554.990	-22.50	-10	Pass
2555	2560	0.02	/	/	/	/	/	/

Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

