

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	19.63	1.81	21.44	<=33.01	Pass
			13	19.43	1.81	21.24	<=33.01	Pass
			24	19.65	1.81	21.46	<=33.01	Pass
		12	0	18.64	1.81	20.45	<=33.01	Pass
			6	18.71	1.81	20.52	<=33.01	Pass
			13	18.79	1.81	20.60	<=33.01	Pass
		25	0	18.61	1.81	20.42	<=33.01	Pass
	2605	1	0	19.02	1.81	20.83	<=33.01	Pass
			13	19.01	1.81	20.82	<=33.01	Pass
			24	19.27	1.81	21.08	<=33.01	Pass
		12	0	18.10	1.81	19.91	<=33.01	Pass
			6	18.30	1.81	20.11	<=33.01	Pass
			13	19.14	1.81	20.95	<=33.01	Pass
		25	0	20.10	1.81	21.91	<=33.01	Pass
	2652.5	1	0	20.79	1.81	22.60	<=33.01	Pass
			13	20.88	1.81	22.69	<=33.01	Pass
			24	20.91	1.81	22.72	<=33.01	Pass
		12	0	19.83	1.81	21.64	<=33.01	Pass
			6	18.84	1.81	20.65	<=33.01	Pass
			13	18.88	1.81	20.69	<=33.01	Pass
		25	0	18.84	1.81	20.65	<=33.01	Pass
16QAM	2557.5	1	0	20.21	1.81	22.02	<=33.01	Pass
			13	20.17	1.81	21.98	<=33.01	Pass
			24	20.26	1.81	22.07	<=33.01	Pass
		12	0	17.70	1.81	19.51	<=33.01	Pass
			6	17.71	1.81	19.52	<=33.01	Pass
			13	17.65	1.81	19.46	<=33.01	Pass
		25	0	17.88	1.81	19.69	<=33.01	Pass
	2605	1	0	20.55	1.81	22.36	<=33.01	Pass
			13	20.60	1.81	22.41	<=33.01	Pass
			24	20.69	1.81	22.50	<=33.01	Pass
		12	0	19.27	1.81	21.08	<=33.01	Pass
			6	19.11	1.81	20.92	<=33.01	Pass
			13	19.06	1.81	20.87	<=33.01	Pass
		25	0	19.23	1.81	21.04	<=33.01	Pass
	2652.5	1	0	19.31	1.81	21.12	<=33.01	Pass
			13	19.36	1.81	21.17	<=33.01	Pass
			24	19.47	1.81	21.28	<=33.01	Pass
		12	0	17.90	1.81	19.71	<=33.01	Pass
			6	17.91	1.81	19.72	<=33.01	Pass
			13	17.99	1.81	19.80	<=33.01	Pass
		25	0	17.86	1.81	19.67	<=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	19.83	1.81	21.64	<=33.01	Pass
			25	19.92	1.81	21.73	<=33.01	Pass
			49	19.78	1.81	21.59	<=33.01	Pass
		25	0	18.71	1.81	20.52	<=33.01	Pass
			13	18.77	1.81	20.58	<=33.01	Pass
			25	18.71	1.81	20.52	<=33.01	Pass
		50	0	18.76	1.81	20.57	<=33.01	Pass
	2605	1	0	19.21	1.81	21.02	<=33.01	Pass
			25	18.85	1.81	20.66	<=33.01	Pass
			49	18.79	1.81	20.60	<=33.01	Pass
		25	0	18.28	1.81	20.09	<=33.01	Pass
			13	18.33	1.81	20.14	<=33.01	Pass
			25	18.29	1.81	20.10	<=33.01	Pass
		50	0	18.29	1.81	20.10	<=33.01	Pass
	2650	1	0	19.84	1.81	21.65	<=33.01	Pass
			25	19.67	1.81	21.48	<=33.01	Pass
			49	19.87	1.81	21.68	<=33.01	Pass
		25	0	18.93	1.81	20.74	<=33.01	Pass
			13	18.88	1.81	20.69	<=33.01	Pass
			25	18.81	1.81	20.62	<=33.01	Pass
		50	0	18.90	1.81	20.71	<=33.01	Pass
16QAM	2560	1	0	19.23	1.81	21.04	<=33.01	Pass
			25	19.08	1.81	20.89	<=33.01	Pass
			49	19.25	1.81	21.06	<=33.01	Pass
		25	0	17.78	1.81	19.59	<=33.01	Pass
			13	17.92	1.81	19.73	<=33.01	Pass
			25	17.91	1.81	19.72	<=33.01	Pass
		50	0	17.84	1.81	19.65	<=33.01	Pass
	2605	1	0	18.81	1.81	20.62	<=33.01	Pass
			25	18.90	1.81	20.71	<=33.01	Pass
			49	18.80	1.81	20.61	<=33.01	Pass
		25	0	17.40	1.81	19.21	<=33.01	Pass
			13	17.41	1.81	19.22	<=33.01	Pass
			25	17.54	1.81	19.35	<=33.01	Pass
		50	0	17.22	1.81	19.03	<=33.01	Pass
	2650	1	0	20.03	1.81	21.84	<=33.01	Pass
			25	20.19	1.81	22.00	<=33.01	Pass
			49	20.23	1.81	22.04	<=33.01	Pass
		25	0	17.99	1.81	19.80	<=33.01	Pass
			13	17.91	1.81	19.72	<=33.01	Pass
			25	18.04	1.81	19.85	<=33.01	Pass
		50	0	18.10	1.81	19.91	<=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	19.71	1.81	21.52	<=33.01	Pass
			38	19.66	1.81	21.47	<=33.01	Pass
			74	19.60	1.81	21.41	<=33.01	Pass
		36	0	18.70	1.81	20.51	<=33.01	Pass
			18	18.63	1.81	20.44	<=33.01	Pass
			39	18.79	1.81	20.60	<=33.01	Pass
		75	0	18.74	1.81	20.55	<=33.01	Pass

16QAM	2605	1	0	19.18	1.81	20.99	<=33.01	Pass
			38	19.13	1.81	20.94	<=33.01	Pass
			74	19.06	1.81	20.87	<=33.01	Pass
		36	0	18.25	1.81	20.06	<=33.01	Pass
			18	18.27	1.81	20.08	<=33.01	Pass
			39	18.30	1.81	20.11	<=33.01	Pass
		75	0	18.18	1.81	19.99	<=33.01	Pass
	2647.5	1	0	20.94	1.81	22.75	<=33.01	Pass
			38	20.00	1.81	21.81	<=33.01	Pass
			74	20.90	1.81	22.71	<=33.01	Pass
		36	0	19.81	1.81	21.62	<=33.01	Pass
			18	19.97	1.81	21.78	<=33.01	Pass
			39	19.77	1.81	21.58	<=33.01	Pass
		75	0	19.78	1.81	21.59	<=33.01	Pass
16QAM	2562.5	1	0	19.18	1.81	20.99	<=33.01	Pass
			38	19.15	1.81	20.96	<=33.01	Pass
			74	19.90	1.81	20.71	<=33.01	Pass
		36	0	18.75	1.81	20.56	<=33.01	Pass
			18	18.78	1.81	20.59	<=33.01	Pass
			39	18.67	1.81	20.48	<=33.01	Pass
		75	0	18.76	1.81	20.57	<=33.01	Pass
	2605	1	0	20.85	1.81	22.66	<=33.01	Pass
			38	20.52	1.81	22.33	<=33.01	Pass
			74	20.05	1.81	21.86	<=33.01	Pass
		36	0	19.47	1.81	21.28	<=33.01	Pass
			18	19.26	1.81	21.07	<=33.01	Pass
			39	19.26	1.81	21.07	<=33.01	Pass
		75	0	19.18	1.81	20.99	<=33.01	Pass
	2647.5	1	0	20.13	1.81	21.94	<=33.01	Pass
			38	20.29	1.81	22.10	<=33.01	Pass
			74	20.34	1.81	22.15	<=33.01	Pass
		36	0	19.88	1.81	21.69	<=33.01	Pass
			18	19.87	1.81	21.68	<=33.01	Pass
			39	20.00	1.81	21.81	<=33.01	Pass
		75	0	20.07	1.81	21.88	<=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	21.49	1.81	23.30	<=33.01	Pass
			50	21.51	1.81	23.32	<=33.01	Pass
			99	21.55	1.81	23.36	<=33.01	Pass
		50	0	20.69	1.81	22.50	<=33.01	Pass
			25	20.77	1.81	22.58	<=33.01	Pass
			50	20.62	1.81	22.43	<=33.01	Pass
		100	0	20.80	1.81	22.61	<=33.01	Pass
	2605	1	0	21.38	1.81	23.19	<=33.01	Pass
			50	21.26	1.81	23.07	<=33.01	Pass
			99	21.56	1.81	23.37	<=33.01	Pass
		50	0	20.14	1.81	21.95	<=33.01	Pass
			25	20.30	1.81	22.11	<=33.01	Pass
			50	20.37	1.81	22.18	<=33.01	Pass
		100	0	20.15	1.81	21.96	<=33.01	Pass
	2645	1	0	21.45	1.81	23.26	<=33.01	Pass
			50	21.90	1.81	23.71	<=33.01	Pass

16QAM	2565	50	99	21.90	1.81	23.71	<=33.01	Pass
			0	20.77	1.81	22.58	<=33.01	Pass
			25	21.02	1.81	22.83	<=33.01	Pass
			50	20.87	1.81	22.68	<=33.01	Pass
		100	0	20.85	1.81	22.66	<=33.01	Pass
			0	21.92	1.81	23.73	<=33.01	Pass
			50	21.97	1.81	23.78	<=33.01	Pass
			99	21.83	1.81	23.64	<=33.01	Pass
		50	0	19.99	1.81	21.80	<=33.01	Pass
			25	20.06	1.81	21.87	<=33.01	Pass
			50	19.90	1.81	21.71	<=33.01	Pass
			0	19.78	1.81	21.59	<=33.01	Pass
	2605	1	0	21.53	1.81	23.34	<=33.01	Pass
			50	21.00	1.81	22.81	<=33.01	Pass
			99	21.79	1.81	23.60	<=33.01	Pass
			0	19.39	1.81	21.20	<=33.01	Pass
		50	25	19.46	1.81	21.27	<=33.01	Pass
			50	19.40	1.81	21.21	<=33.01	Pass
			0	19.42	1.81	21.23	<=33.01	Pass
		100	0	20.91	1.81	22.72	<=33.01	Pass
			50	21.34	1.81	23.15	<=33.01	Pass
			99	21.37	1.81	23.18	<=33.01	Pass
			0	19.87	1.81	21.68	<=33.01	Pass
	2645	1	25	20.13	1.81	21.94	<=33.01	Pass
			50	19.85	1.81	21.66	<=33.01	Pass
			0	19.85	1.81	21.66	<=33.01	Pass
			0	19.85	1.81	21.66	<=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	-4.721	-0.0018	-2.5 to 2.5	Pass
					3.85	26.736	0.0105	-2.5 to 2.5	Pass
					4.43	23.003	0.0090	-2.5 to 2.5	Pass
				-30	3.85	30.727	0.0120	-2.5 to 2.5	Pass
				-20	3.85	12.088	0.0047	-2.5 to 2.5	Pass
				-10	3.85	27.108	0.0106	-2.5 to 2.5	Pass
				0	3.85	14.648	0.0057	-2.5 to 2.5	Pass
				10	3.85	26.722	0.0104	-2.5 to 2.5	Pass
				30	3.85	-15.364	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0037	-2.5 to 2.5	Pass
				50	3.85	4.864	0.0019	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	7.753	0.0030	-2.5 to 2.5	Pass
					3.85	12.789	0.0049	-2.5 to 2.5	Pass
					4.43	2.460	0.0009	-2.5 to 2.5	Pass
				-30	3.85	35.534	0.0136	-2.5 to 2.5	Pass
				-20	3.85	44.160	0.0170	-2.5 to 2.5	Pass
				-10	3.85	7.124	0.0027	-2.5 to 2.5	Pass
				0	3.85	10.929	0.0042	-2.5 to 2.5	Pass
				10	3.85	23.904	0.0092	-2.5 to 2.5	Pass

				30	3.85	6.537	0.0025	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				50	3.85	9.999	0.0038	-2.5 to 2.5	Pass
				20	3.27	21.229	0.0080	-2.5 to 2.5	Pass
					3.85	26.307	0.0099	-2.5 to 2.5	Pass
					4.43	26.464	0.0100	-2.5 to 2.5	Pass
				-30	3.85	39.668	0.0150	-2.5 to 2.5	Pass
				-20	3.85	-8.125	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				30	3.85	7.339	0.0028	-2.5 to 2.5	Pass
				40	3.85	13.332	0.0050	-2.5 to 2.5	Pass
				50	3.85	13.819	0.0052	-2.5 to 2.5	Pass
16QAM	2557.5	25	0	20	3.27	24.533	0.0096	-2.5 to 2.5	Pass
					3.85	31.042	0.0121	-2.5 to 2.5	Pass
					4.43	17.738	0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	47.464	0.0186	-2.5 to 2.5	Pass
				-10	3.85	37.837	0.0148	-2.5 to 2.5	Pass
				0	3.85	29.755	0.0116	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0022	-2.5 to 2.5	Pass
				30	3.85	38.953	0.0152	-2.5 to 2.5	Pass
				40	3.85	14.634	0.0057	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	24.748	0.0095	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
					4.43	30.856	0.0118	-2.5 to 2.5	Pass
				-30	3.85	14.291	0.0055	-2.5 to 2.5	Pass
				-20	3.85	43.416	0.0167	-2.5 to 2.5	Pass
				-10	3.85	25.778	0.0099	-2.5 to 2.5	Pass
				0	3.85	45.176	0.0173	-2.5 to 2.5	Pass
				10	3.85	14.162	0.0054	-2.5 to 2.5	Pass
				30	3.85	44.532	0.0171	-2.5 to 2.5	Pass
				40	3.85	37.665	0.0145	-2.5 to 2.5	Pass
				50	3.85	11.401	0.0044	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	23.317	0.0088	-2.5 to 2.5	Pass
					3.85	32.215	0.0121	-2.5 to 2.5	Pass
					4.43	39.682	0.0150	-2.5 to 2.5	Pass
				-30	3.85	40.727	0.0154	-2.5 to 2.5	Pass
				-20	3.85	-9.756	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				10	3.85	6.351	0.0024	-2.5 to 2.5	Pass
				30	3.85	9.727	0.0037	-2.5 to 2.5	Pass
				40	3.85	15.979	0.0060	-2.5 to 2.5	Pass
				50	3.85	22.717	0.0086	-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	2.646	0.0010	-2.5 to 2.5	Pass
					3.85	17.695	0.0069	-2.5 to 2.5	Pass
					4.43	41.213	0.0161	-2.5 to 2.5	Pass
				-30	3.85	32.487	0.0127	-2.5 to 2.5	Pass
				-20	3.85	-3.004	-0.0012	-2.5 to 2.5	Pass

				-10	3.85	27.423	0.0107	-2.5 to 2.5	Pass
				0	3.85	4.263	0.0017	-2.5 to 2.5	Pass
				10	3.85	31.500	0.0123	-2.5 to 2.5	Pass
				30	3.85	39.654	0.0155	-2.5 to 2.5	Pass
				40	3.85	15.521	0.0061	-2.5 to 2.5	Pass
				50	3.85	33.989	0.0133	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	9.799	0.0038	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.917	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.519	0.0014	-2.5 to 2.5	Pass
				-20	3.85	18.067	0.0069	-2.5 to 2.5	Pass
				-10	3.85	20.385	0.0078	-2.5 to 2.5	Pass
				0	3.85	17.495	0.0067	-2.5 to 2.5	Pass
				10	3.85	22.216	0.0085	-2.5 to 2.5	Pass
				30	3.85	9.513	0.0037	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				20	3.27	31.915	0.0120	-2.5 to 2.5	Pass
					3.85	11.187	0.0042	-2.5 to 2.5	Pass
					4.43	4.320	0.0016	-2.5 to 2.5	Pass
	2650	50	0	-30	3.85	1.373	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-20.943	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-25.692	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-34.046	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-47.178	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-22.588	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-35.777	-0.0135	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	22.788	0.0089	-2.5 to 2.5	Pass
					3.85	24.276	0.0095	-2.5 to 2.5	Pass
					4.43	46.735	0.0183	-2.5 to 2.5	Pass
				-30	3.85	29.168	0.0114	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	12.460	0.0049	-2.5 to 2.5	Pass
				0	3.85	38.624	0.0151	-2.5 to 2.5	Pass
				10	3.85	12.159	0.0047	-2.5 to 2.5	Pass
				30	3.85	35.377	0.0138	-2.5 to 2.5	Pass
				40	3.85	20.056	0.0078	-2.5 to 2.5	Pass
				50	3.85	43.001	0.0168	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-7.710	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
					4.43	4.892	0.0019	-2.5 to 2.5	Pass
				-30	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				-20	3.85	7.067	0.0027	-2.5 to 2.5	Pass
				-10	3.85	9.627	0.0037	-2.5 to 2.5	Pass
				0	3.85	18.053	0.0069	-2.5 to 2.5	Pass
				10	3.85	27.423	0.0105	-2.5 to 2.5	Pass
				30	3.85	36.092	0.0139	-2.5 to 2.5	Pass
				40	3.85	40.770	0.0157	-2.5 to 2.5	Pass
				50	3.85	14.105	0.0054	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	-16.994	-0.0064	-2.5 to 2.5	Pass
					3.85	-26.865	-0.0101	-2.5 to 2.5	Pass
					4.43	-35.133	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	-16.851	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-37.451	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-23.260	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-45.390	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-13.361	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-22.731	-0.0086	-2.5 to 2.5	Pass

				40	3.85	-19.684	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-47.421	-0.0179	-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	-2.117	-0.0008	-2.5 to 2.5	Pass
					3.85	-24.905	-0.0097	-2.5 to 2.5	Pass
					4.43	-45.905	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-18.682	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-30.441	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-43.473	-0.0170	-2.5 to 2.5	Pass
				0	3.85	-5.293	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-28.896	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-16.952	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-9.813	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-19.941	-0.0078	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-37.022	-0.0142	-2.5 to 2.5	Pass
					3.85	-23.575	-0.0090	-2.5 to 2.5	Pass
					4.43	-36.621	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-32.659	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-46.892	-0.0180	-2.5 to 2.5	Pass
				0	3.85	-10.657	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-34.189	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-12.388	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-29.383	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-2.675	-0.0010	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-1.831	-0.0007	-2.5 to 2.5	Pass
					3.85	-9.713	-0.0037	-2.5 to 2.5	Pass
					4.43	-27.437	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-27.151	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-31.385	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-28.911	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-46.906	-0.0177	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				30	3.85	-22.802	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-36.478	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-20.757	-0.0078	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	-28.453	-0.0111	-2.5 to 2.5	Pass
					3.85	-46.706	-0.0182	-2.5 to 2.5	Pass
					4.43	-21.043	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-26.650	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-40.698	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-13.962	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-20.571	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-31.013	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-41.385	-0.0162	-2.5 to 2.5	Pass
				40	3.85	9.012	0.0035	-2.5 to 2.5	Pass
				50	3.85	1.473	0.0006	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-31.457	-0.0121	-2.5 to 2.5	Pass
					3.85	-45.462	-0.0175	-2.5 to 2.5	Pass
					4.43	-39.797	-0.0153	-2.5 to 2.5	Pass
				-30	3.85	-38.109	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0028	-2.5 to 2.5	Pass
				-10	3.85	14.048	0.0054	-2.5 to 2.5	Pass

		2647.5	75	0	0	3.85	4.835	0.0019	-2.5 to 2.5	Pass
					10	3.85	41.227	0.0158	-2.5 to 2.5	Pass
					30	3.85	9.656	0.0037	-2.5 to 2.5	Pass
					40	3.85	36.764	0.0141	-2.5 to 2.5	Pass
					50	3.85	20.456	0.0079	-2.5 to 2.5	Pass
					20	3.27	-37.022	-0.0140	-2.5 to 2.5	Pass
						3.85	-37.136	-0.0140	-2.5 to 2.5	Pass
						4.43	-39.797	-0.0150	-2.5 to 2.5	Pass
					-30	3.85	4.005	0.0015	-2.5 to 2.5	Pass
					-20	3.85	-7.153	-0.0027	-2.5 to 2.5	Pass
					-10	3.85	4.191	0.0016	-2.5 to 2.5	Pass
					0	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass
					10	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
					30	3.85	-7.424	-0.0028	-2.5 to 2.5	Pass
					40	3.85	-8.082	-0.0031	-2.5 to 2.5	Pass
					50	3.85	-21.758	-0.0082	-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	16.565	0.0065	-2.5 to 2.5	Pass
					3.85	11.616	0.0045	-2.5 to 2.5	Pass
					4.43	21.887	0.0085	-2.5 to 2.5	Pass
				-30	3.85	38.223	0.0149	-2.5 to 2.5	Pass
				-20	3.85	10.886	0.0042	-2.5 to 2.5	Pass
				-10	3.85	7.782	0.0030	-2.5 to 2.5	Pass
				0	3.85	19.169	0.0075	-2.5 to 2.5	Pass
				10	3.85	31.300	0.0122	-2.5 to 2.5	Pass
				30	3.85	37.608	0.0147	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0037	-2.5 to 2.5	Pass
	50	3.85	0.944	0.0004	-2.5 to 2.5	Pass			
	2605	100	0	20	3.27	7.296	0.0028	-2.5 to 2.5	Pass
					3.85	-8.740	-0.0034	-2.5 to 2.5	Pass
					4.43	-21.515	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-17.409	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-27.795	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-9.656	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-13.561	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-27.180	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-37.680	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-24.719	-0.0095	-2.5 to 2.5	Pass
	50	3.85	-24.076	-0.0092	-2.5 to 2.5	Pass			
	2645	100	0	20	3.27	3.805	0.0014	-2.5 to 2.5	Pass
					3.85	-13.003	-0.0049	-2.5 to 2.5	Pass
					4.43	-40.712	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-22.588	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-30.413	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-38.824	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-9.685	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-32.573	-0.0123	-2.5 to 2.5	Pass
30				3.85	-13.175	-0.0050	-2.5 to 2.5	Pass	
40				3.85	-5.493	-0.0021	-2.5 to 2.5	Pass	
50	3.85	-26.693	-0.0101	-2.5 to 2.5	Pass				
16QAM	2565	100	0	20	3.27	7.153	0.0028	-2.5 to 2.5	Pass
					3.85	14.462	0.0056	-2.5 to 2.5	Pass
					4.43	21.243	0.0083	-2.5 to 2.5	Pass

				-30	3.85	36.535	0.0142	-2.5 to 2.5	Pass
				-20	3.85	26.579	0.0104	-2.5 to 2.5	Pass
				-10	3.85	23.518	0.0092	-2.5 to 2.5	Pass
				0	3.85	24.962	0.0097	-2.5 to 2.5	Pass
				10	3.85	31.471	0.0123	-2.5 to 2.5	Pass
				30	3.85	41.814	0.0163	-2.5 to 2.5	Pass
				40	3.85	36.364	0.0142	-2.5 to 2.5	Pass
				50	3.85	43.960	0.0171	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	-40.898	-0.0157	-2.5 to 2.5	Pass
					3.85	-15.750	-0.0060	-2.5 to 2.5	Pass
					4.43	-26.007	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-24.877	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-28.653	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-25.806	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-23.446	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-23.375	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-18.725	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-17.924	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-16.737	-0.0064	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-40.669	-0.0154	-2.5 to 2.5	Pass
					3.85	-43.559	-0.0165	-2.5 to 2.5	Pass
					4.43	-42.543	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-18.253	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-26.636	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-29.626	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-16.179	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-12.860	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-24.605	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-25.034	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-20.542	-0.0078	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

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

3.1.2 B41_10MHz

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

3.1.3 B41_15MHz

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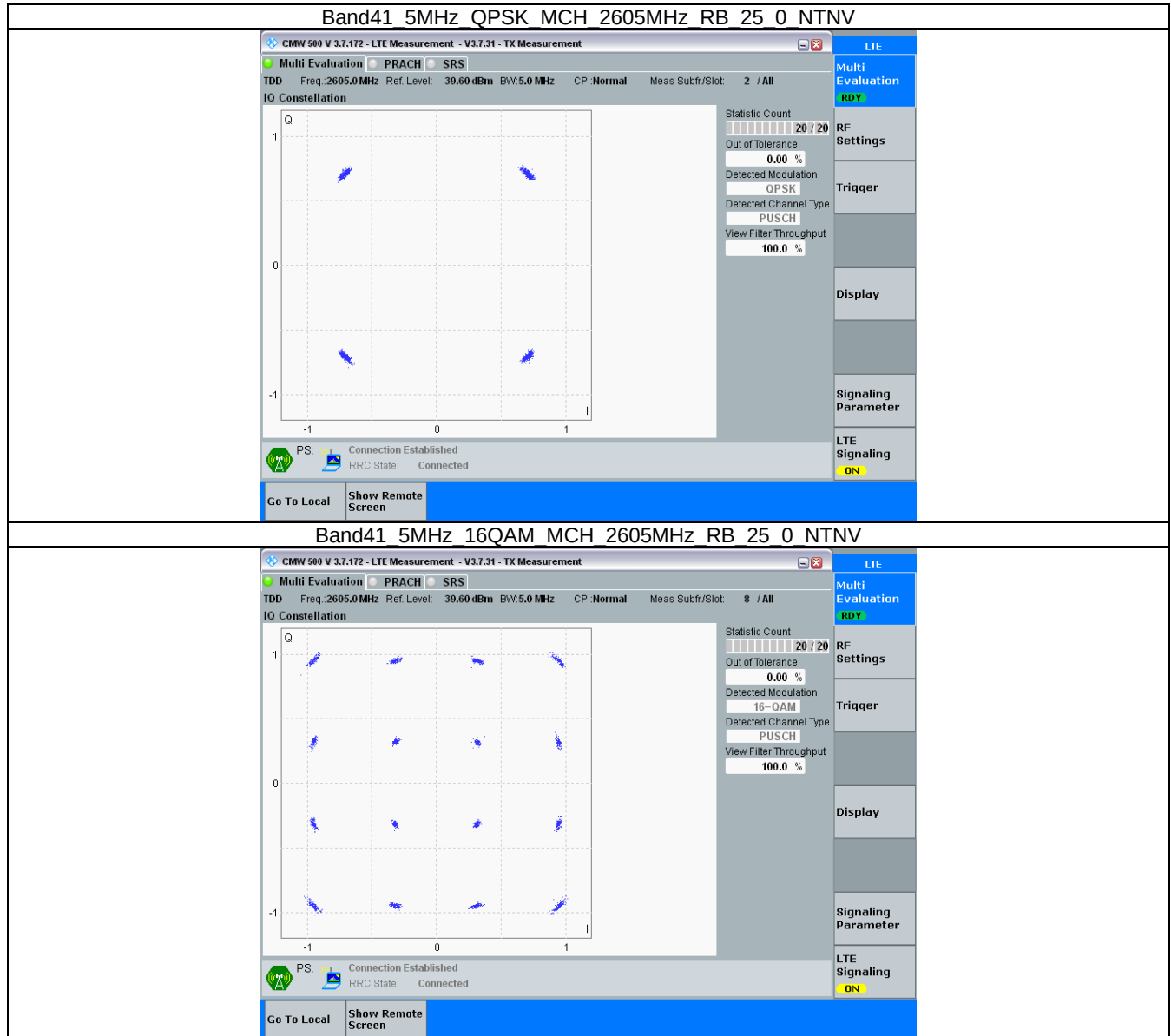
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

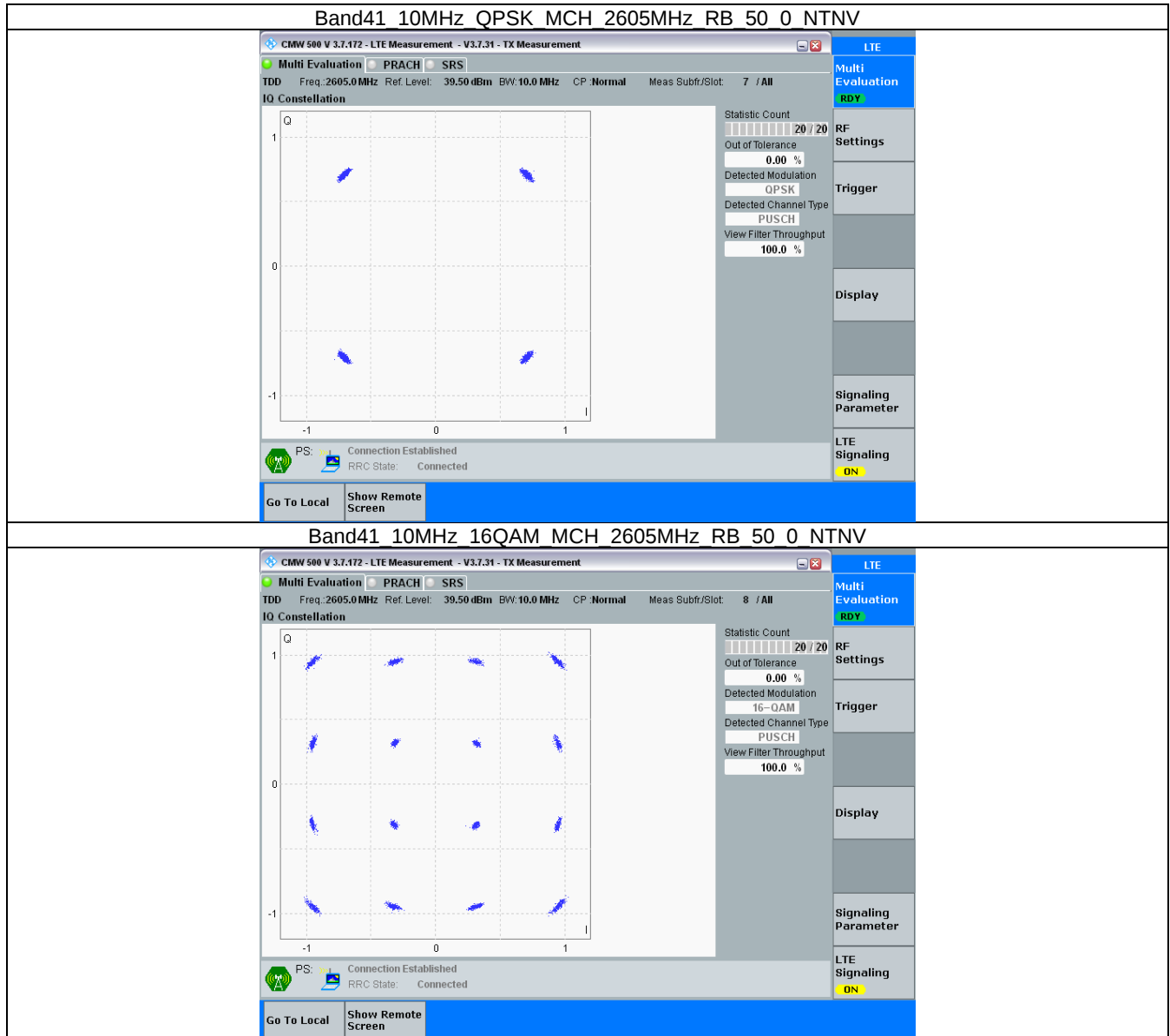
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

3.2 Test Graph

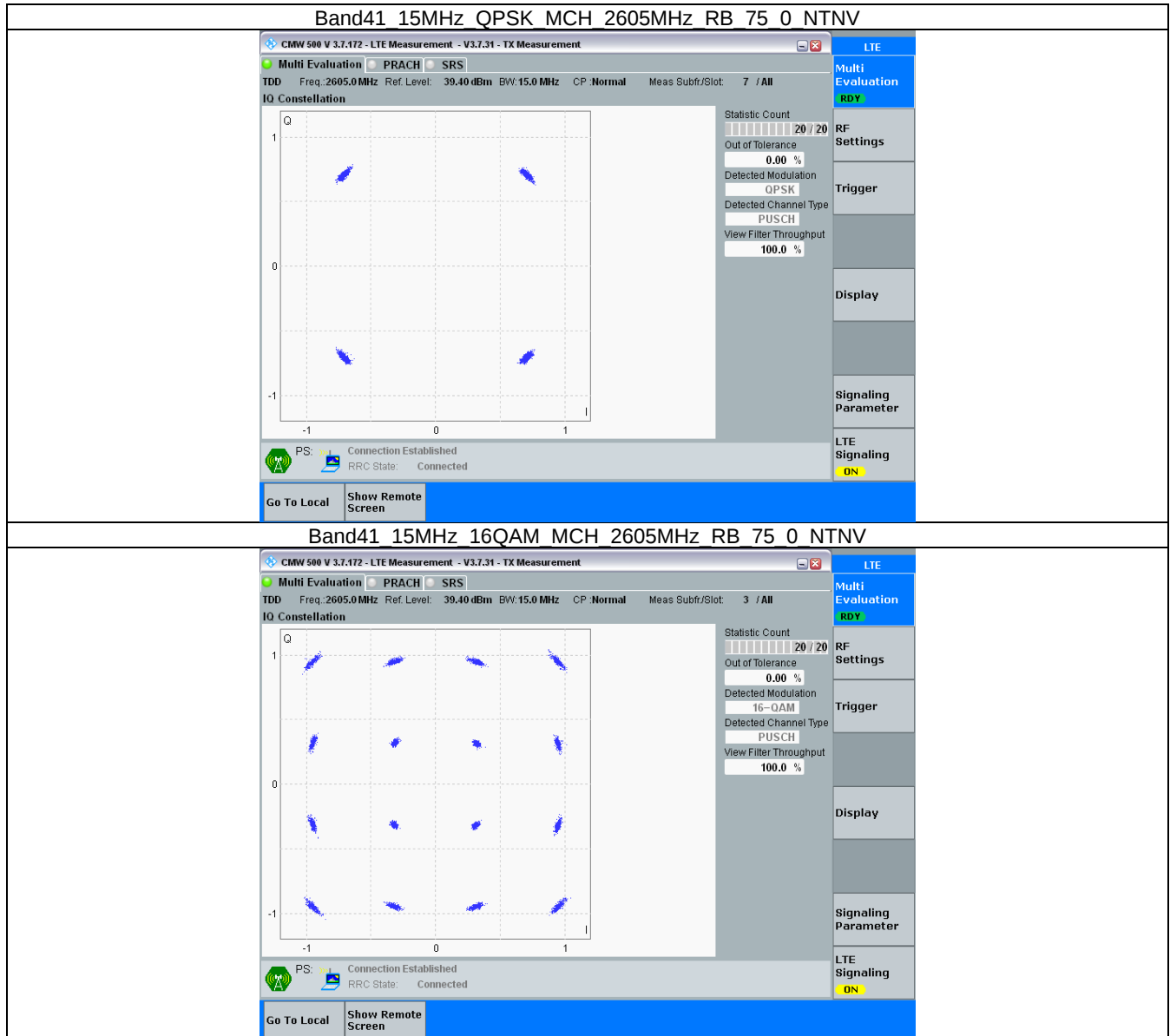
3.2.1 B41_5MHz



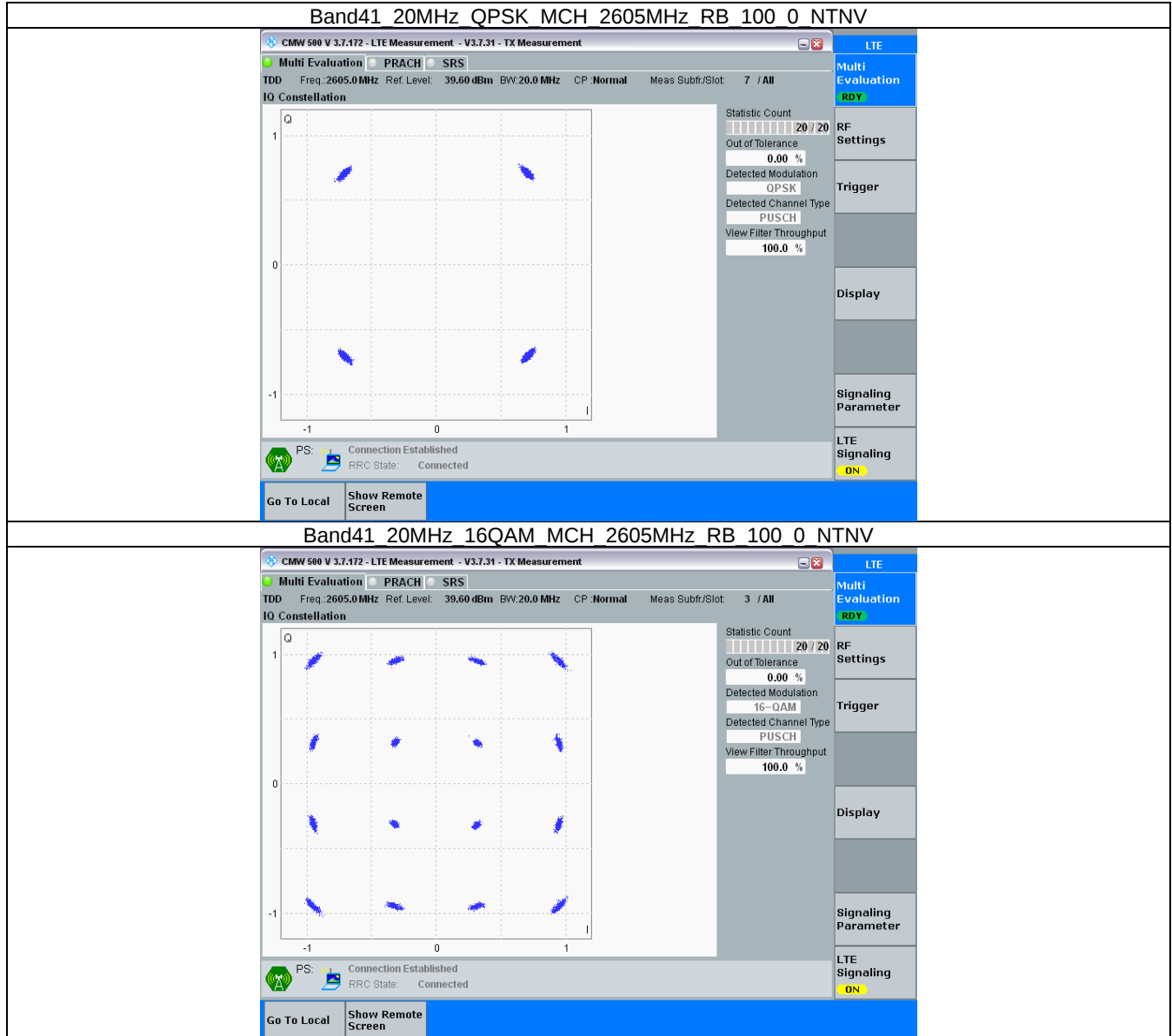
3.2.2 B41_10MHz



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	4.557	/	Pass
		2605	25	0	4.530	/	Pass
		2652.5	25	0	4.554	/	Pass
	16QAM	2557.5	25	0	4.536	/	Pass
		2605	25	0	4.554	/	Pass
		2652.5	25	0	4.591	/	Pass
10	QPSK	2560	50	0	9.068	/	Pass
		2605	50	0	9.096	/	Pass
		2650	50	0	9.061	/	Pass
	16QAM	2560	50	0	9.060	/	Pass
		2605	50	0	9.019	/	Pass
		2650	50	0	9.067	/	Pass
15	QPSK	2562.5	75	0	13.647	/	Pass
		2605	75	0	13.500	/	Pass
		2647.5	75	0	13.551	/	Pass
	16QAM	2562.5	75	0	13.635	/	Pass
		2605	75	0	13.682	/	Pass
		2647.5	75	0	13.657	/	Pass
20	QPSK	2565	100	0	18.186	/	Pass
		2605	100	0	18.142	/	Pass
		2645	100	0	18.098	/	Pass
	16QAM	2565	100	0	17.896	/	Pass
		2605	100	0	18.197	/	Pass
		2645	100	0	18.170	/	Pass

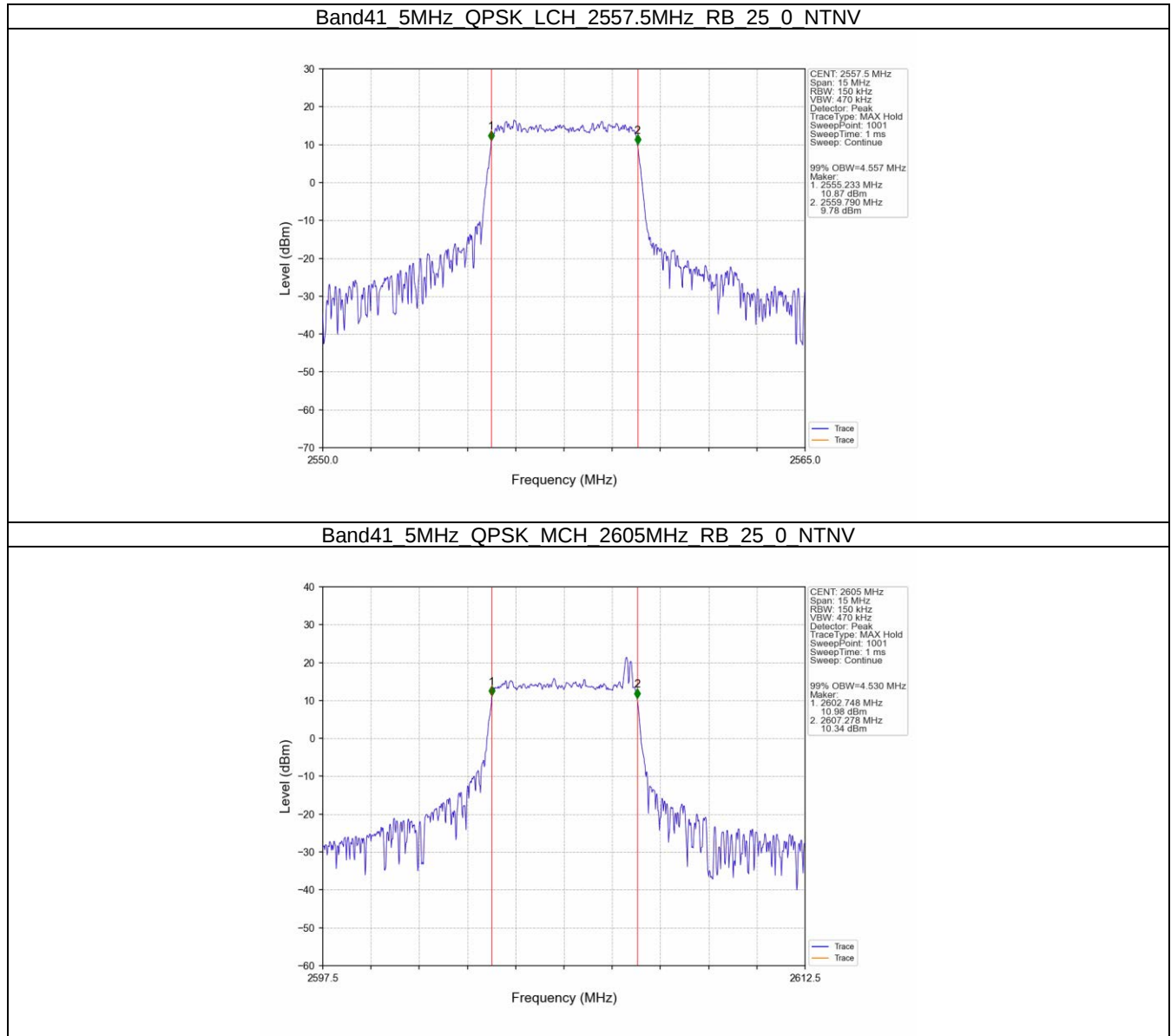
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.059	/	Pass
		2605	25	0	4.922	/	Pass
		2652.5	25	0	5.358	/	Pass
	16QAM	2557.5	25	0	4.903	/	Pass
		2605	25	0	5.271	/	Pass
		2652.5	25	0	5.379	/	Pass
10	QPSK	2560	50	0	10.435	/	Pass
		2605	50	0	9.834	/	Pass
		2650	50	0	10.493	/	Pass
	16QAM	2560	50	0	10.144	/	Pass
		2605	50	0	9.642	/	Pass
		2650	50	0	10.071	/	Pass
15	QPSK	2562.5	75	0	16.625	/	Pass
		2605	75	0	14.699	/	Pass
		2647.5	75	0	14.960	/	Pass

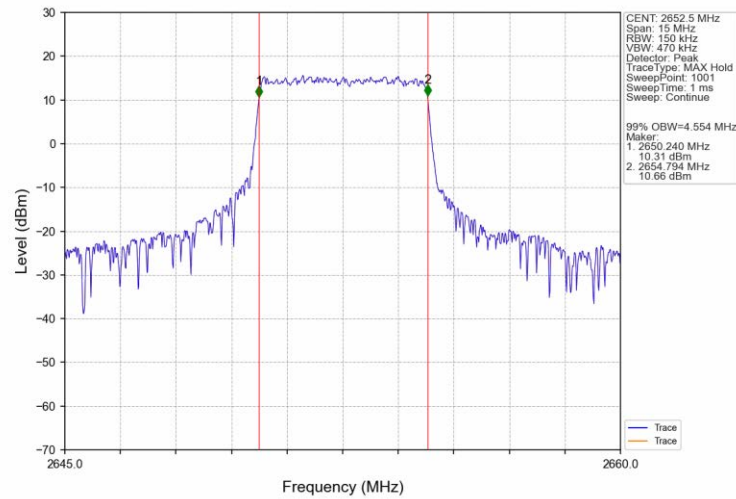
20	16QAM	2562.5	75	0	15.933	/	Pass
		2605	75	0	17.158	/	Pass
		2647.5	75	0	15.778	/	Pass
	QPSK	2565	100	0	20.162	/	Pass
		2605	100	0	20.326	/	Pass
		2645	100	0	19.781	/	Pass
	16QAM	2565	100	0	19.333	/	Pass
		2605	100	0	20.033	/	Pass
		2645	100	0	23.337	/	Pass

4.2 Test Graph

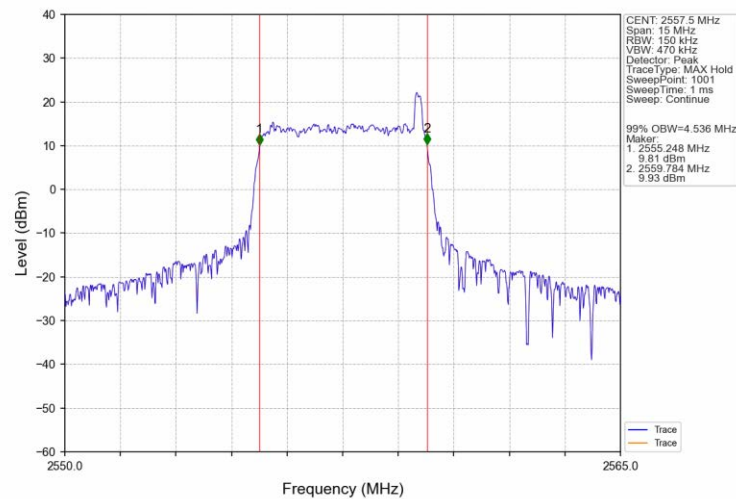
4.2.1 Band41_OBW



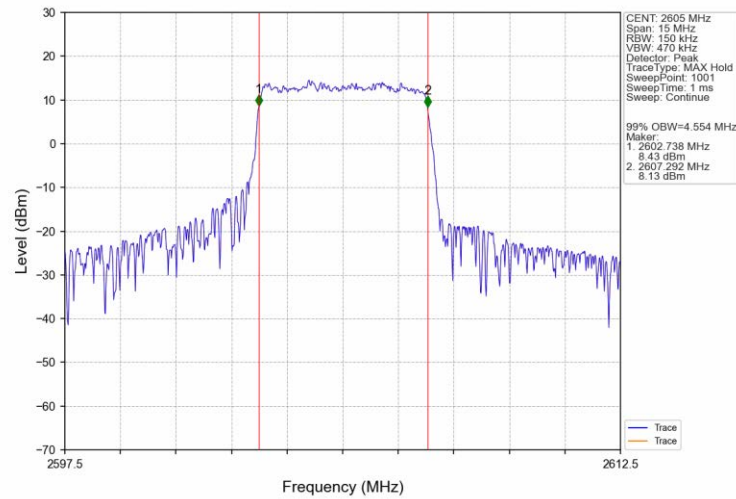
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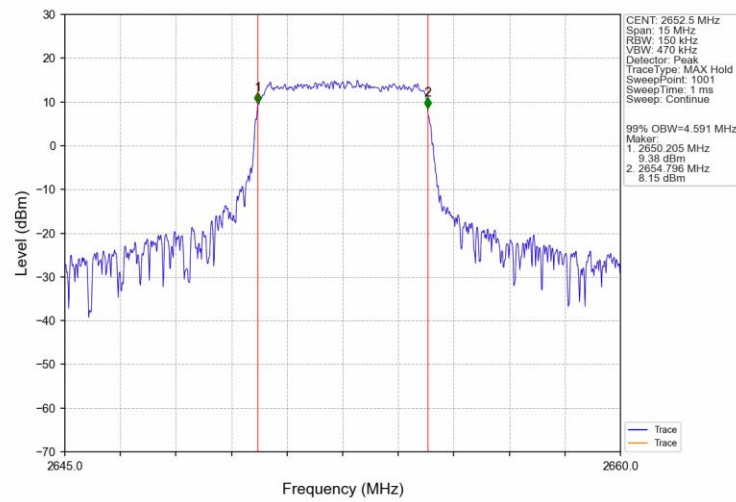
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



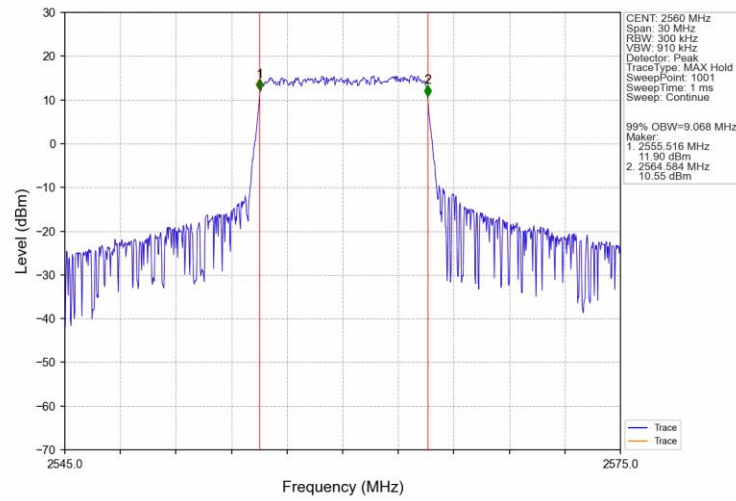
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



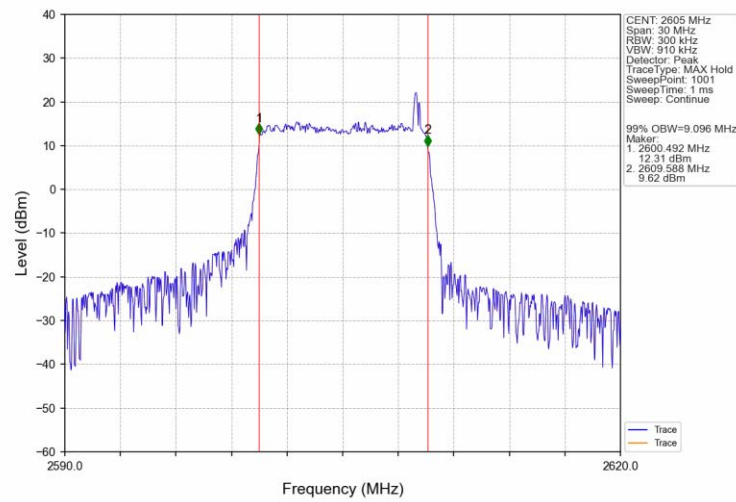
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



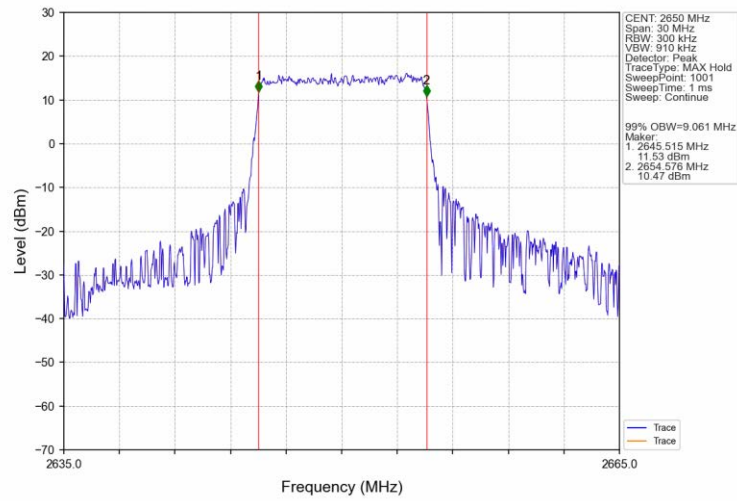
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



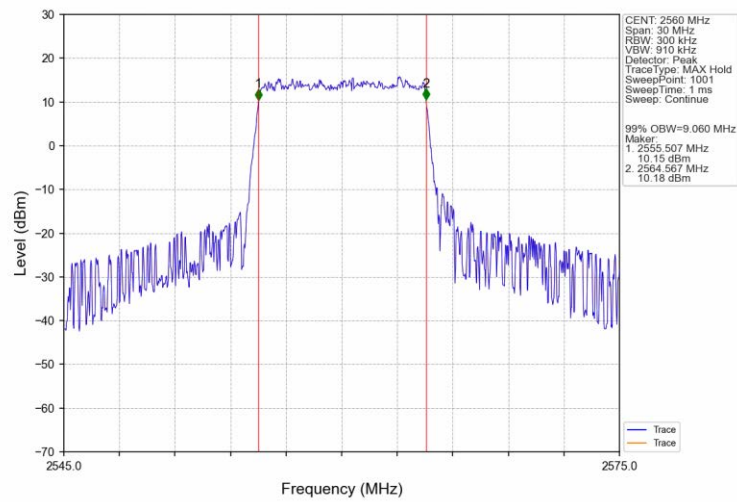
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



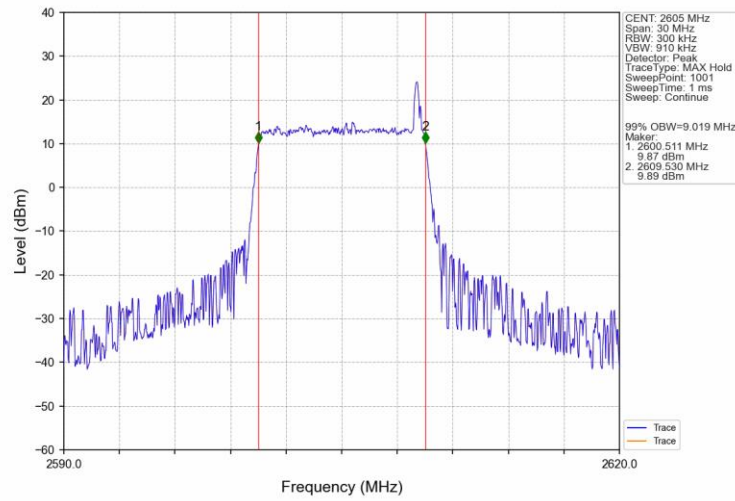
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



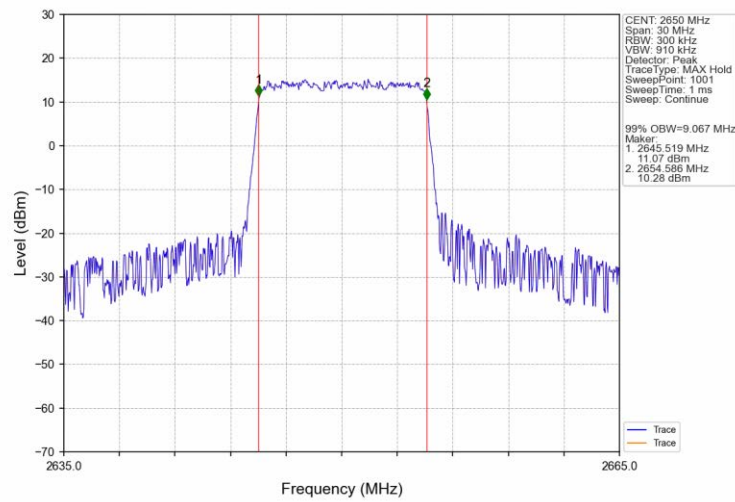
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



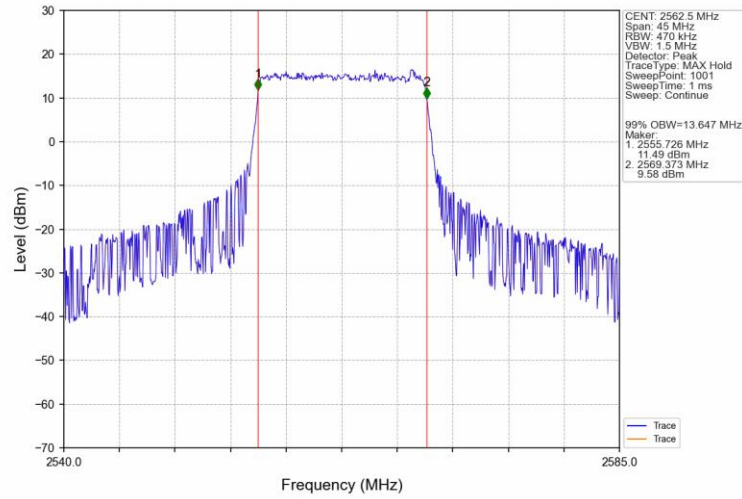
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



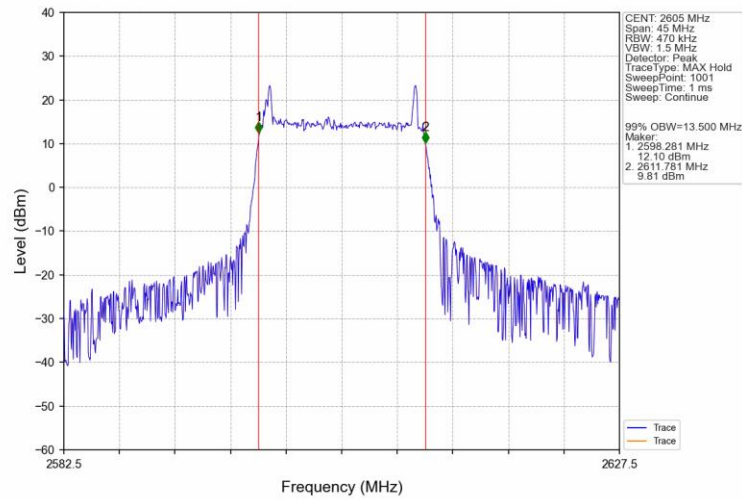
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



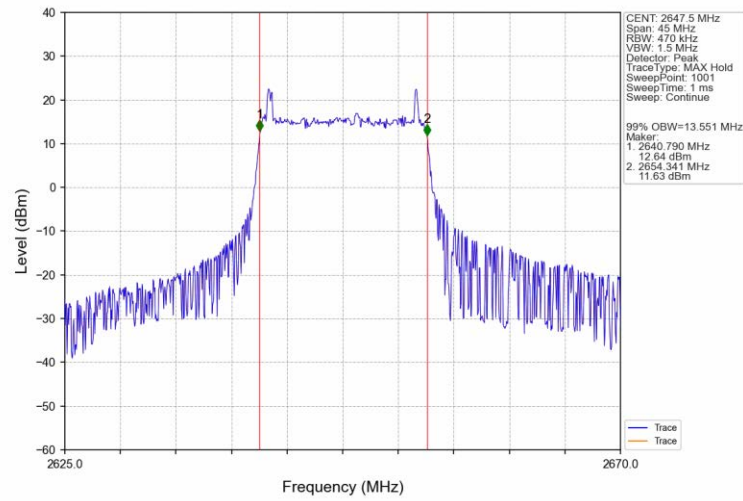
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



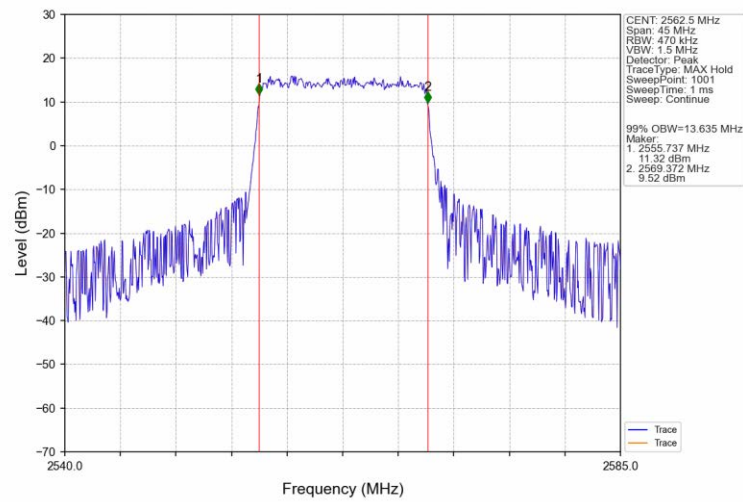
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



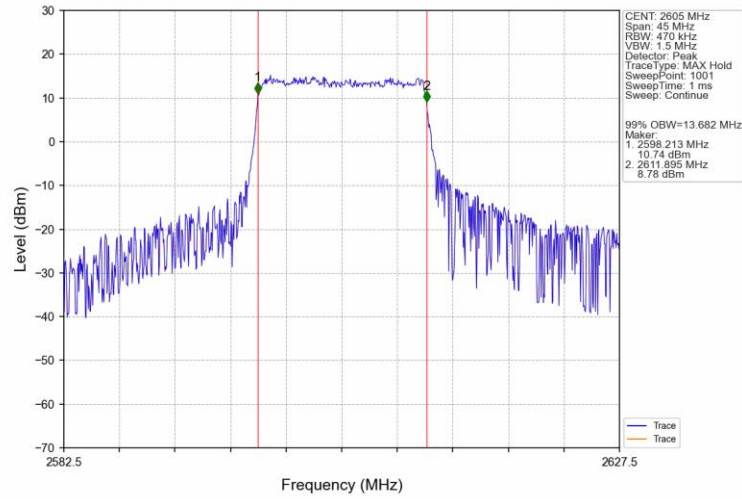
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



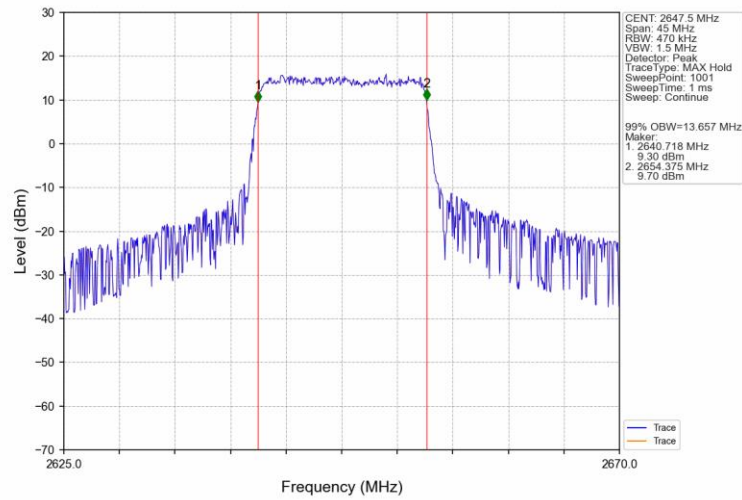
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



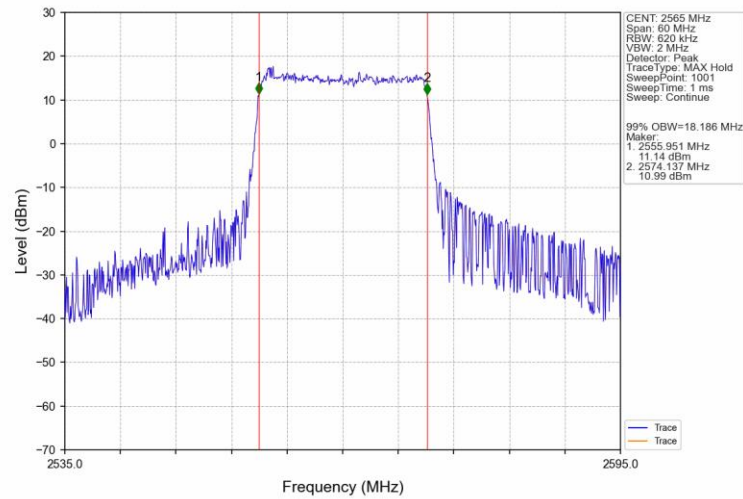
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



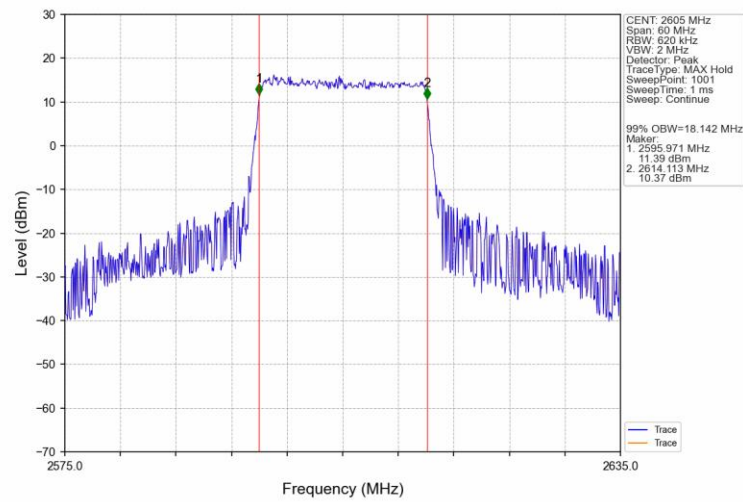
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



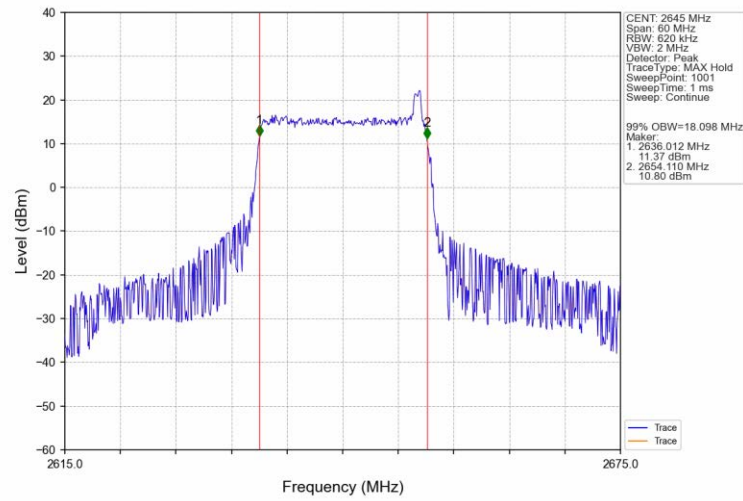
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



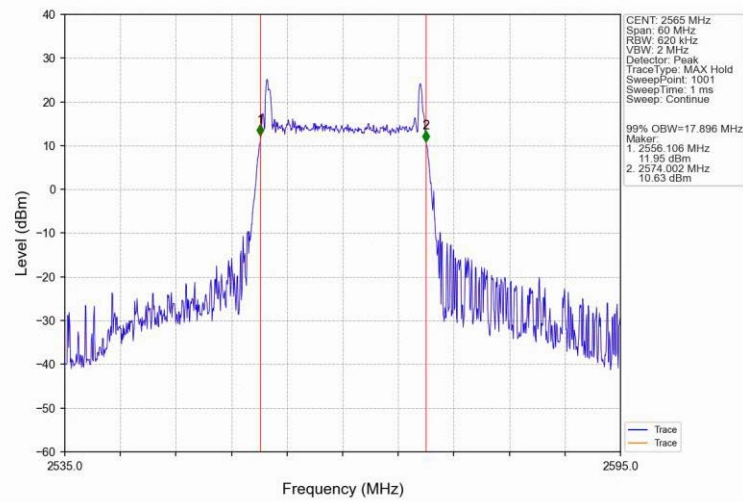
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



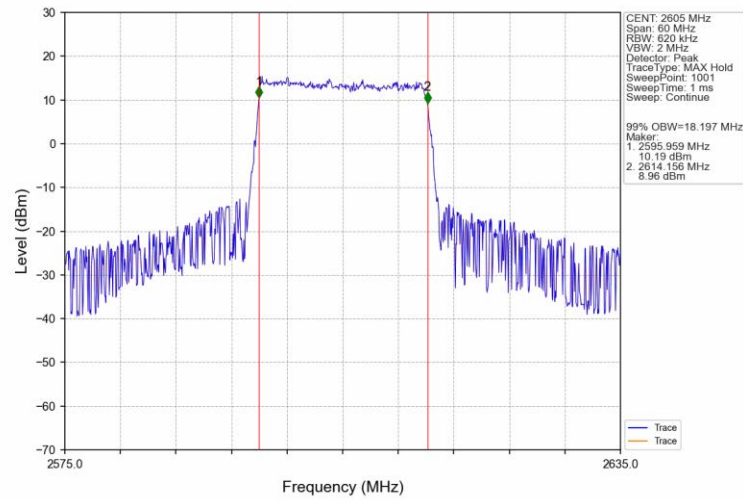
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



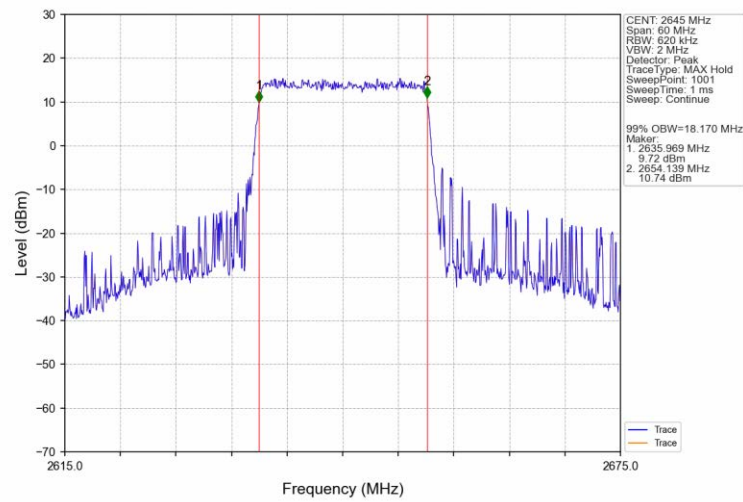
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV

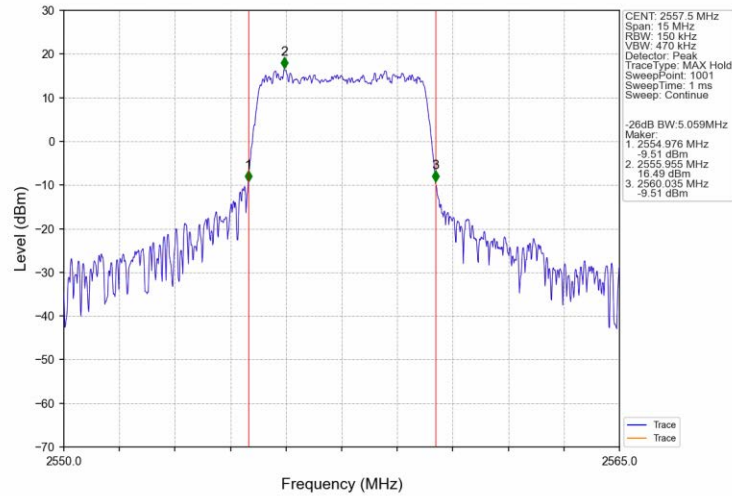


Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV

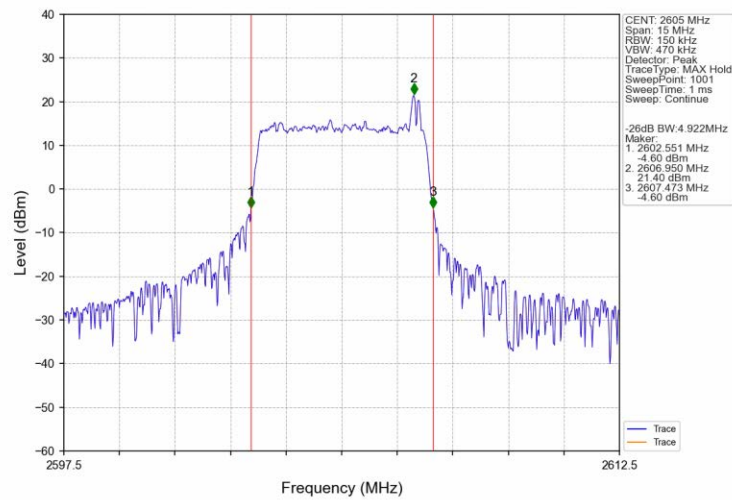


4.2.2 Band41_XDB

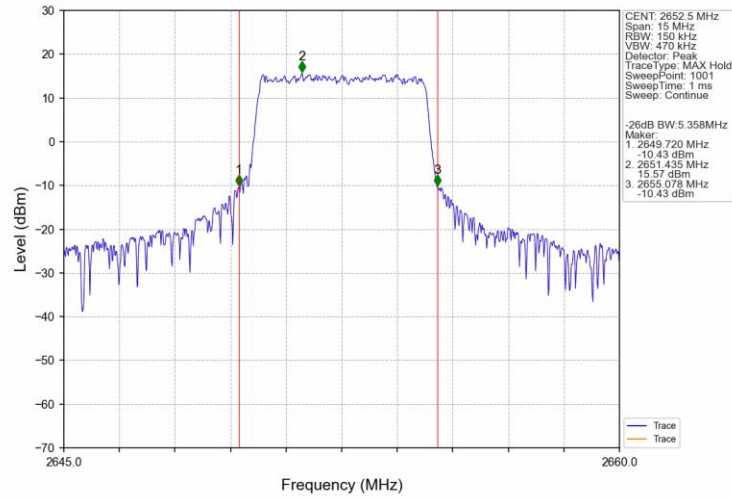
Band41 5MHz QPSK LCH 2557.5MHz RB 25 0 NTNV



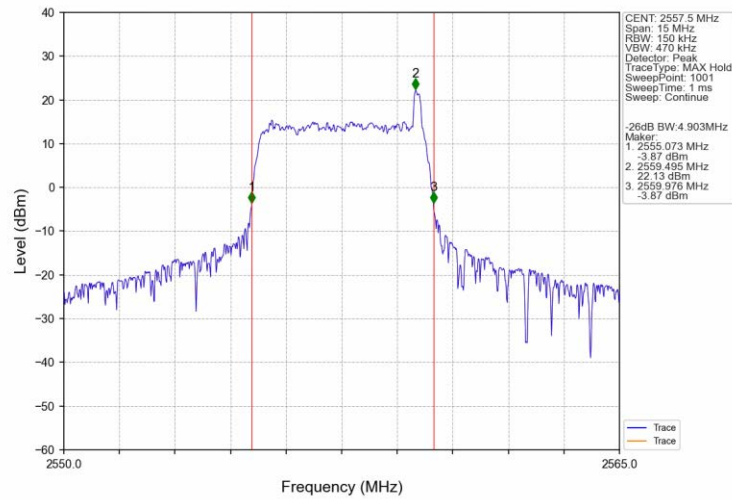
Band41 5MHz QPSK MCH 2605MHz RB 25 0 NTNV



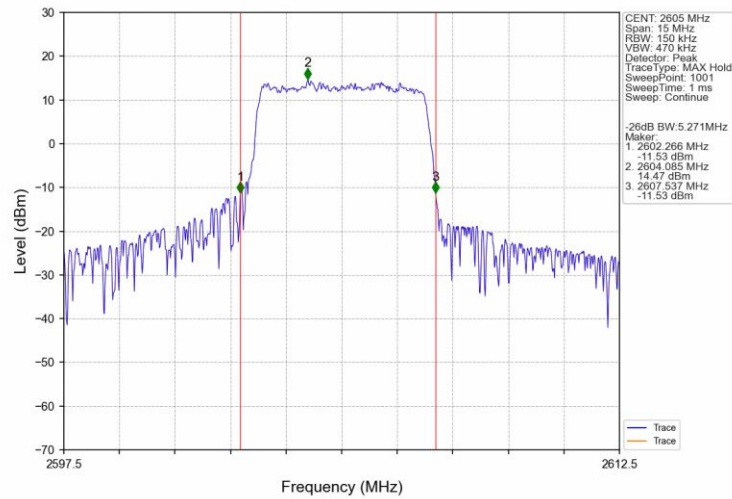
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



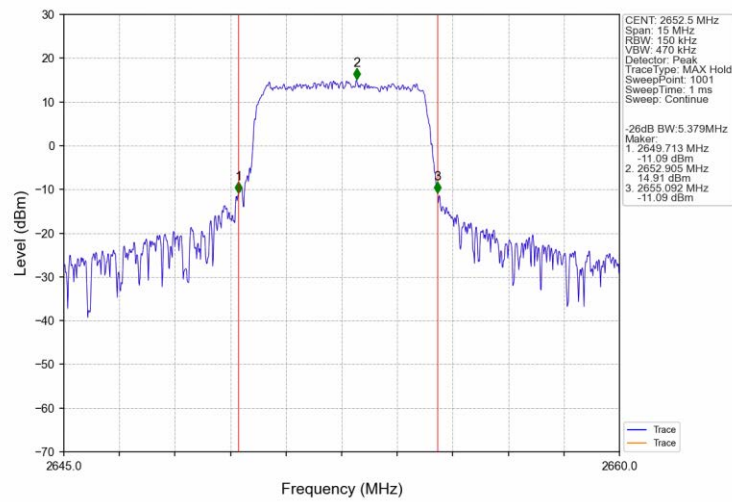
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



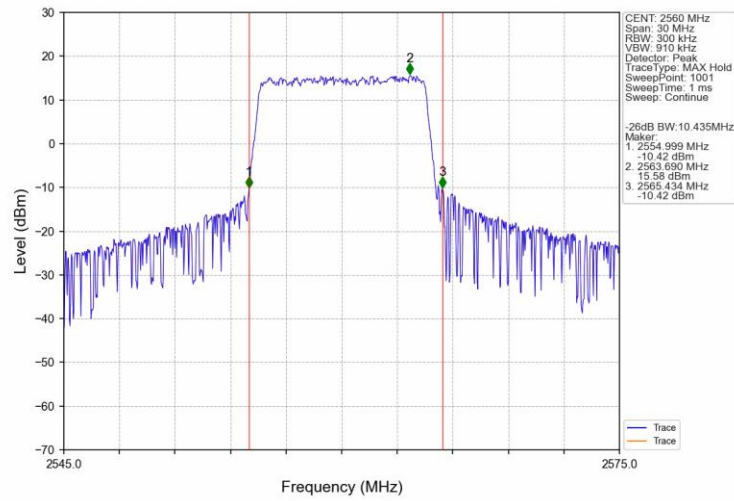
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



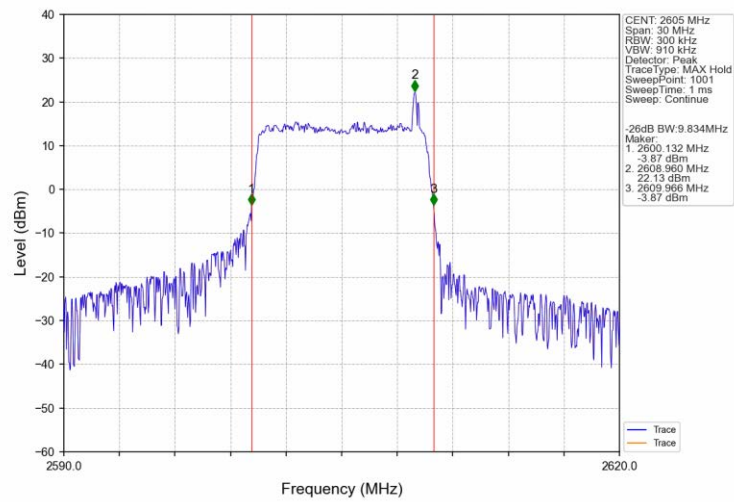
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



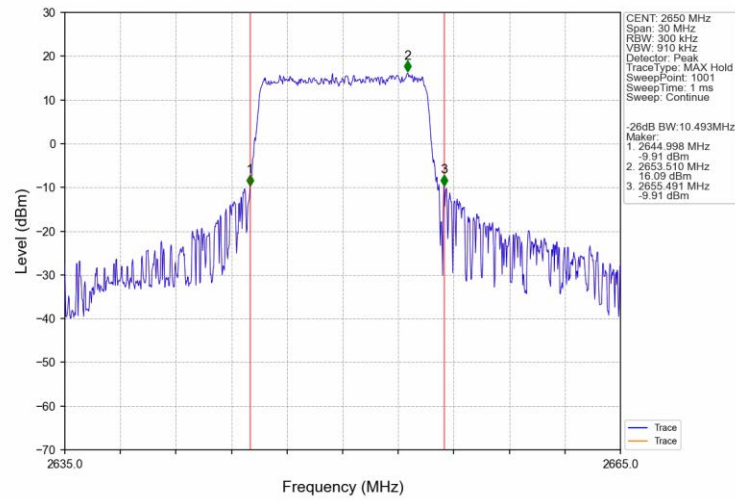
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



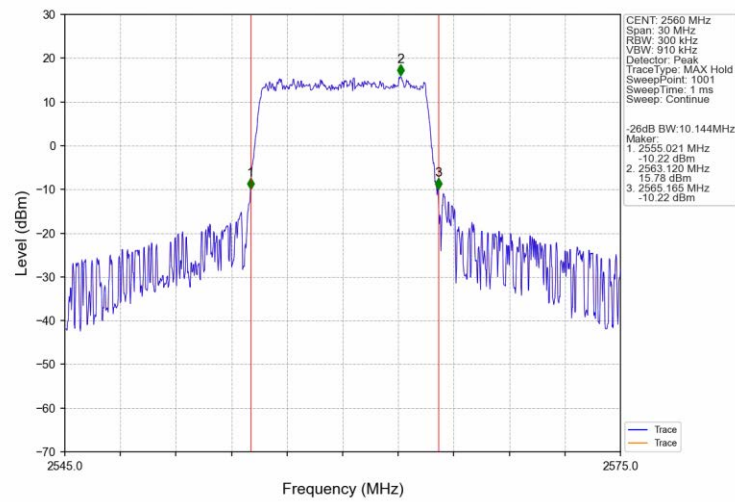
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



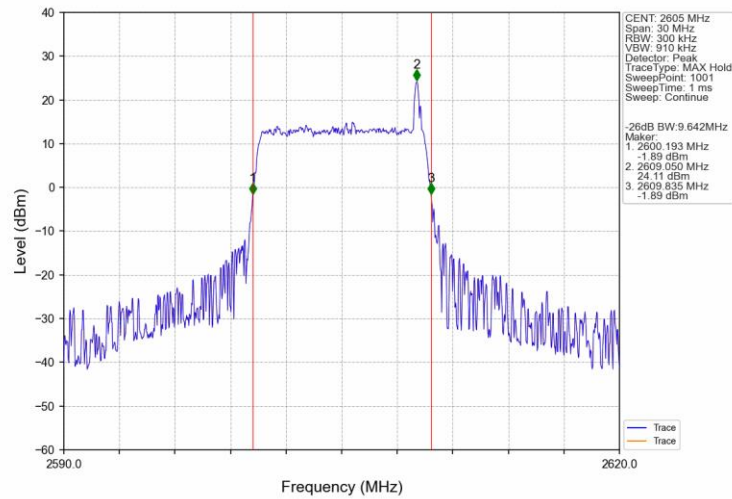
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



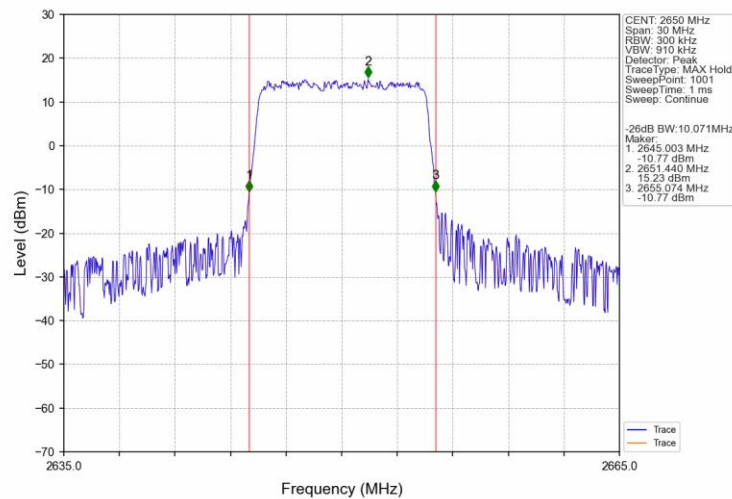
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



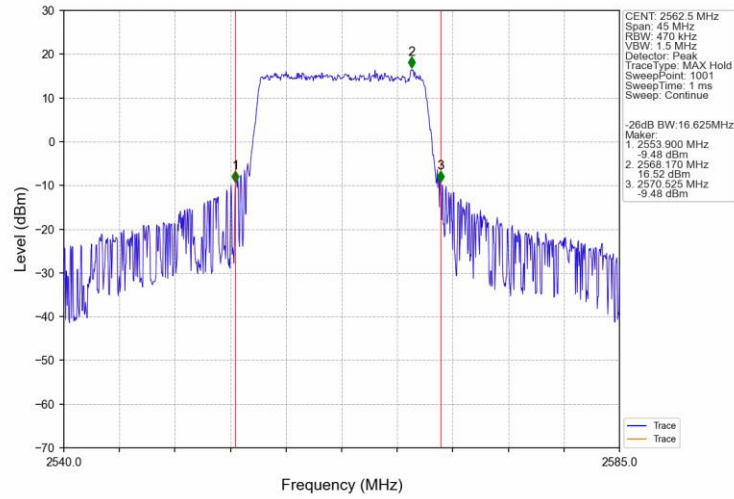
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



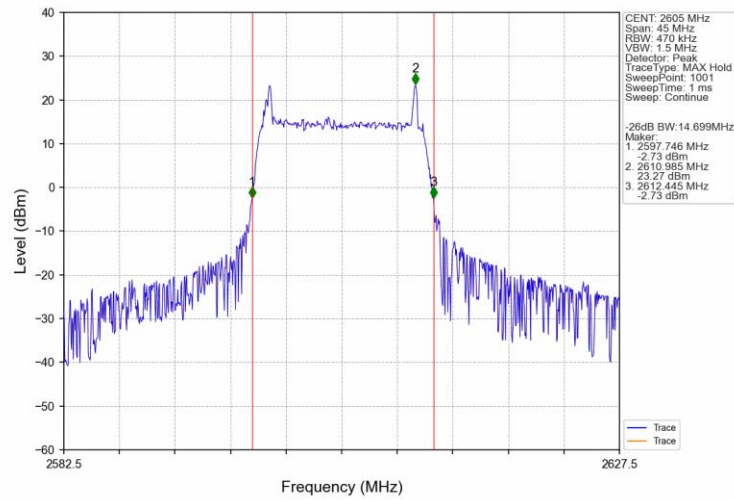
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



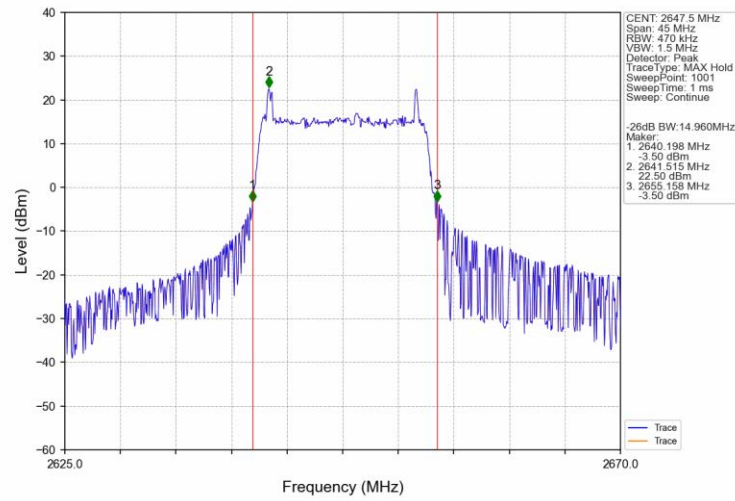
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



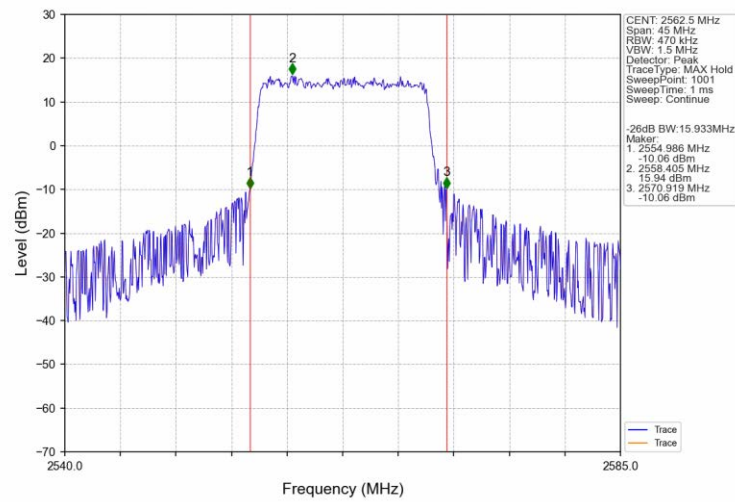
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



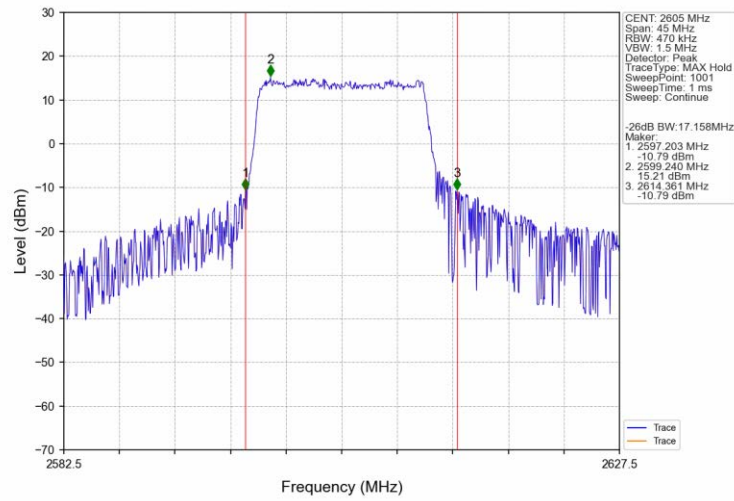
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



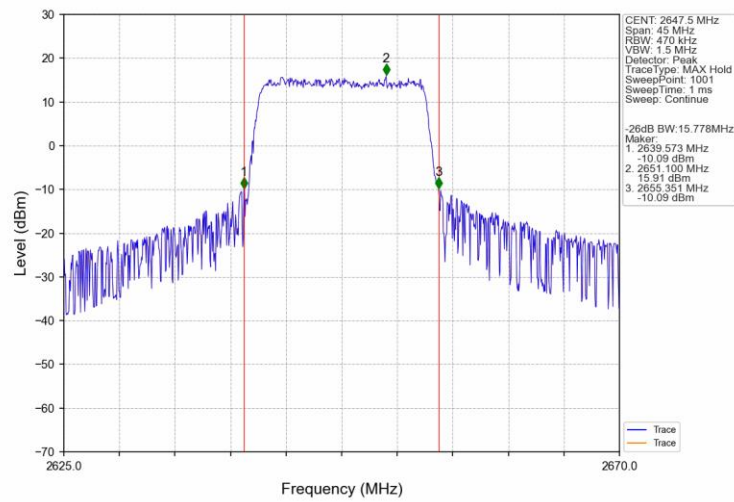
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



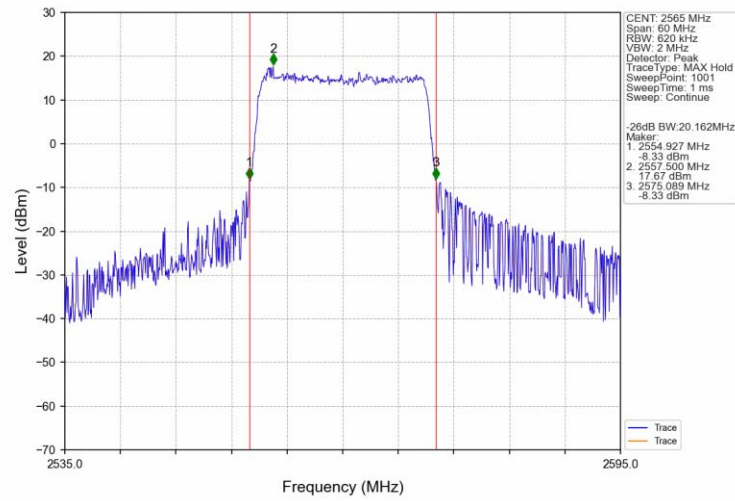
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



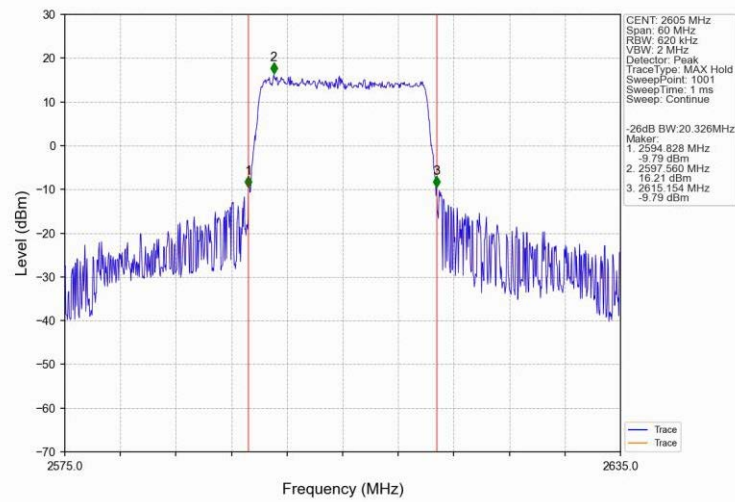
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



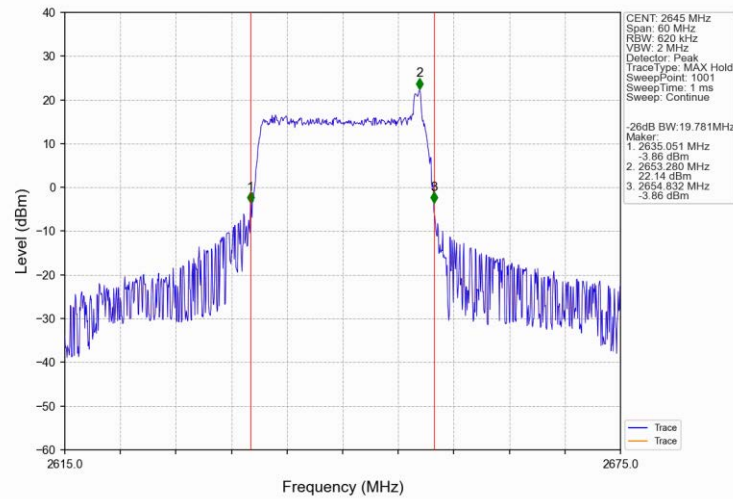
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



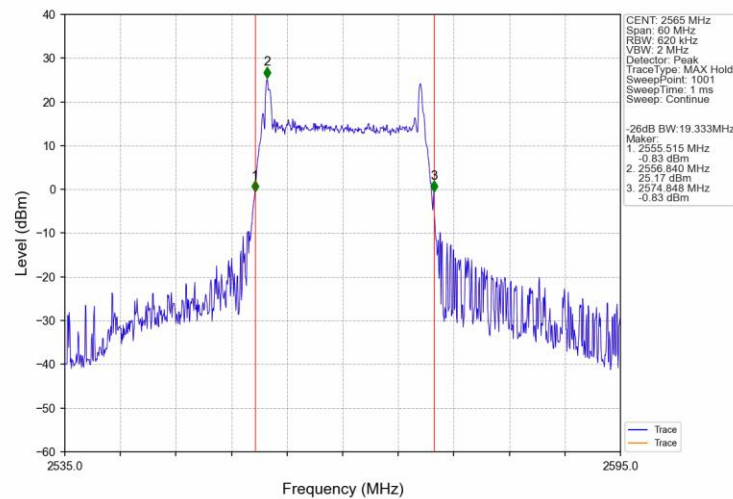
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



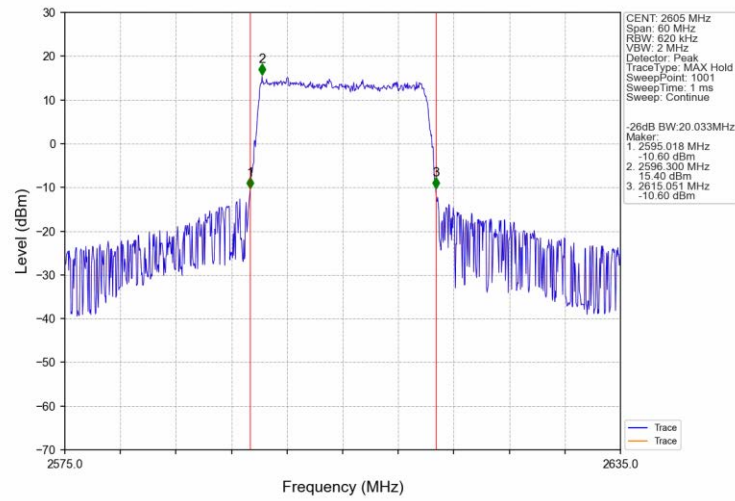
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



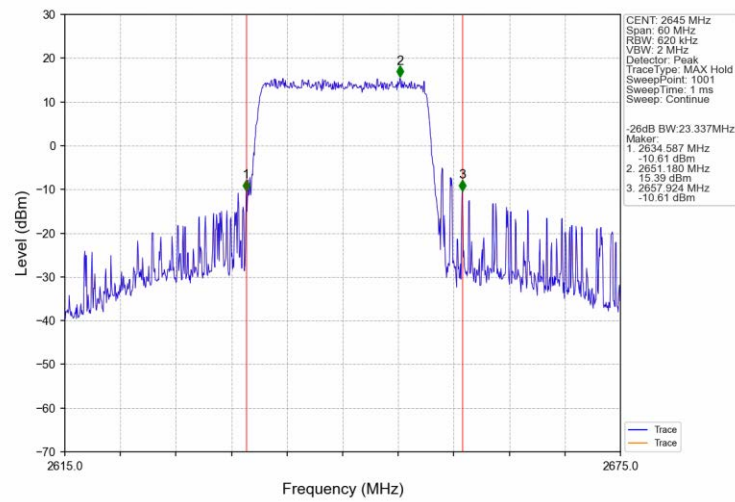
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



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	7.66	<=13	Pass
	2605	25	0	7.69	<=13	Pass
	2652.5	25	0	7.64	<=13	Pass
16QAM	2557.5	25	0	8.33	<=13	Pass
	2605	25	0	8.18	<=13	Pass
	2652.5	25	0	8.44	<=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	7.68	<=13	Pass
	2605	50	0	7.60	<=13	Pass
	2650	50	0	7.71	<=13	Pass
16QAM	2560	50	0	8.45	<=13	Pass
	2605	50	0	8.33	<=13	Pass
	2650	50	0	8.09	<=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	7.35	<=13	Pass
	2605	75	0	7.42	<=13	Pass
	2647.5	75	0	7.33	<=13	Pass
16QAM	2562.5	75	0	8.02	<=13	Pass
	2605	75	0	8.20	<=13	Pass
	2647.5	75	0	8.15	<=13	Pass

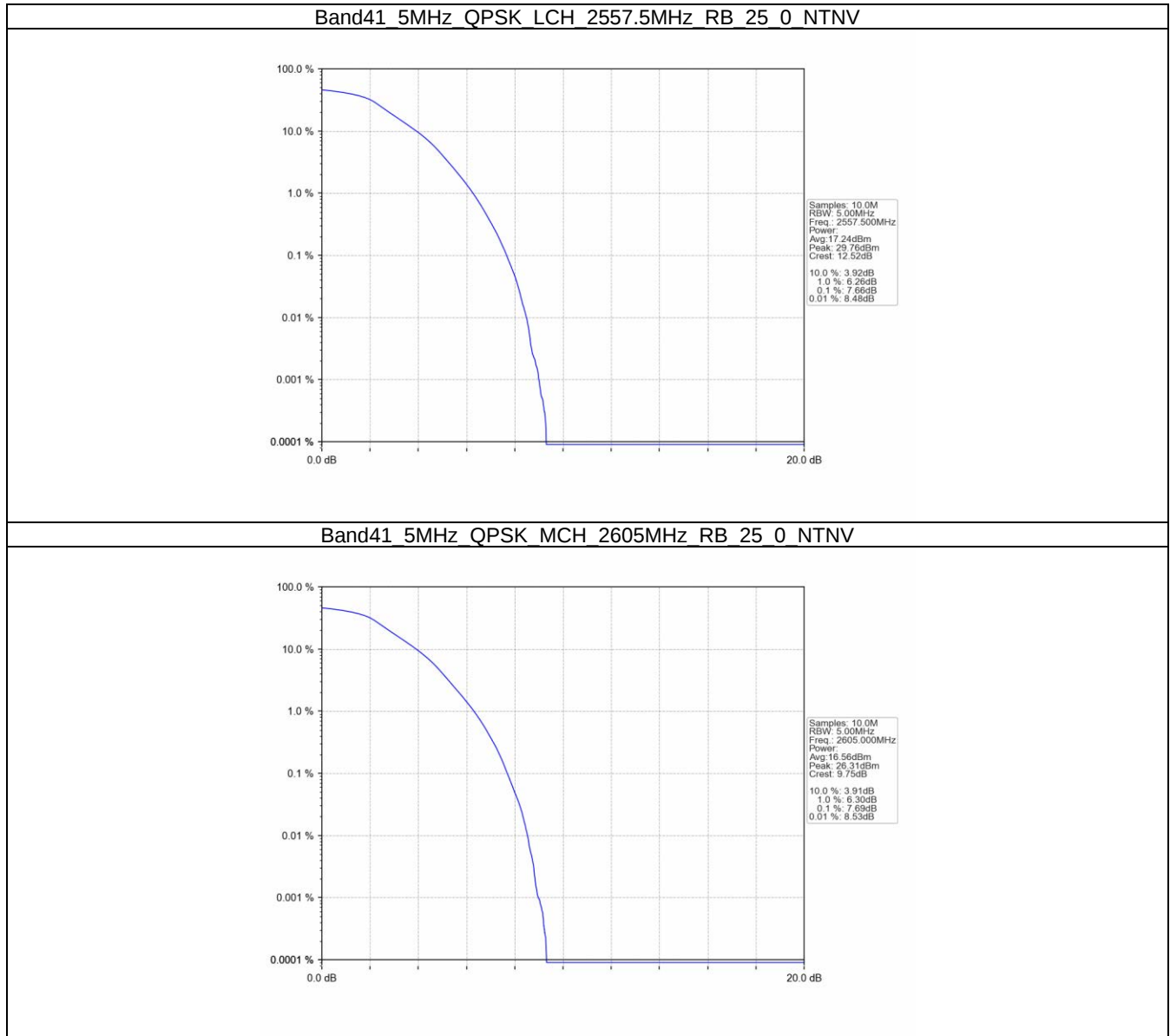
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.67	<=13	Pass
	2605	100	0	7.68	<=13	Pass
	2645	100	0	7.83	<=13	Pass
16QAM	2565	100	0	8.53	<=13	Pass
	2605	100	0	8.67	<=13	Pass
	2645	100	0	8.59	<=13	Pass

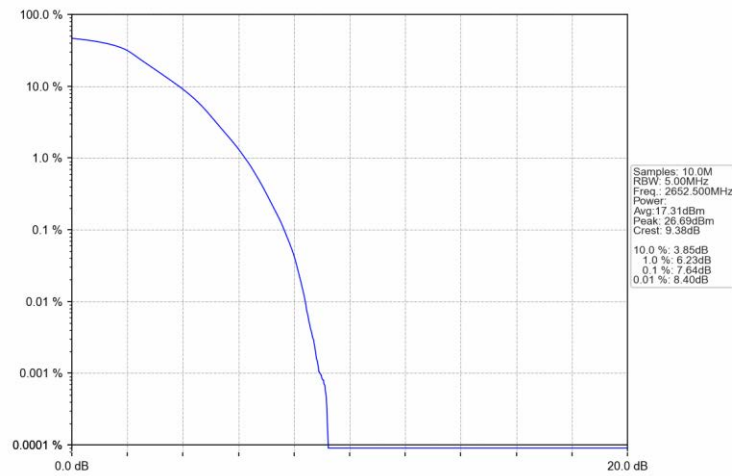


5.2 Test Graph

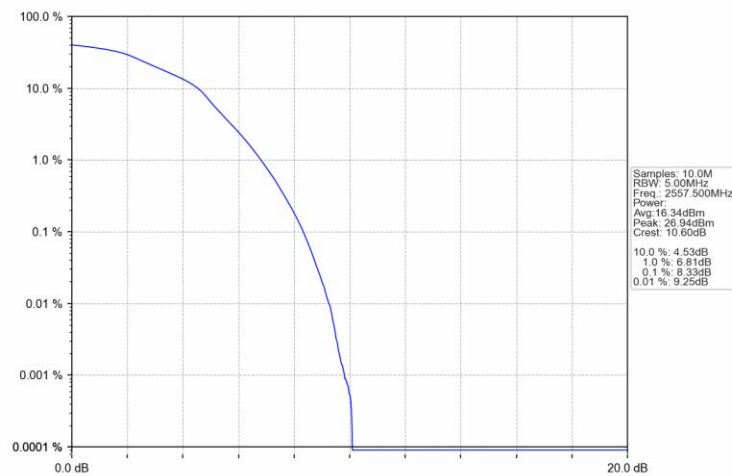
5.2.1 B41_5MHz



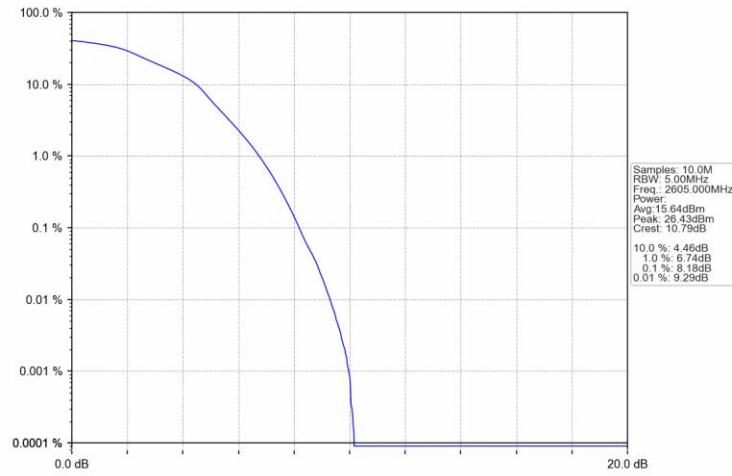
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



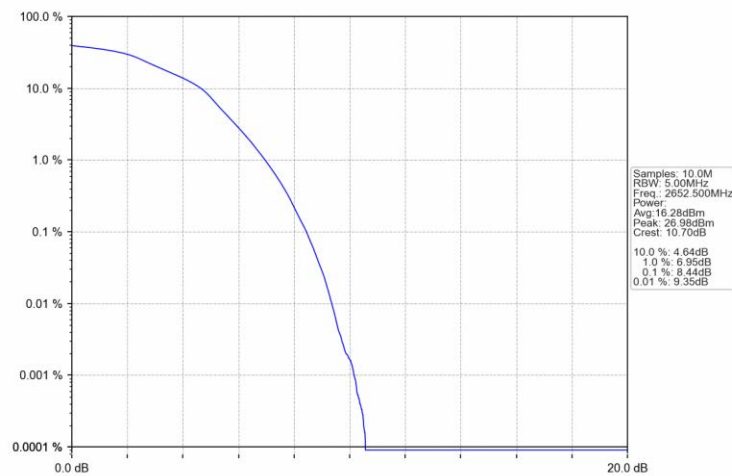
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV

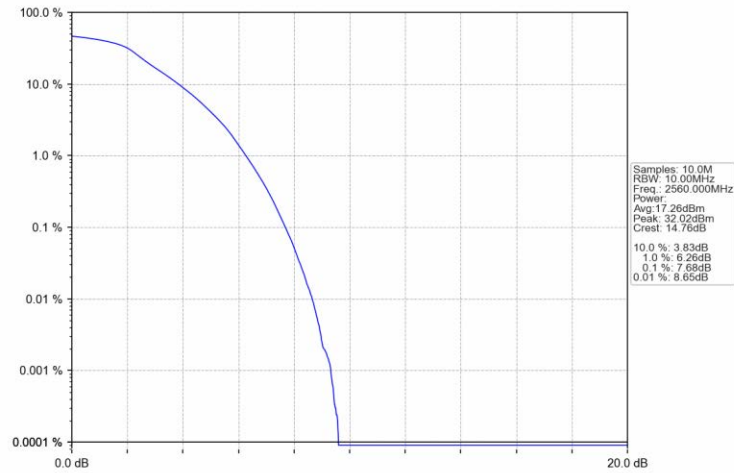


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

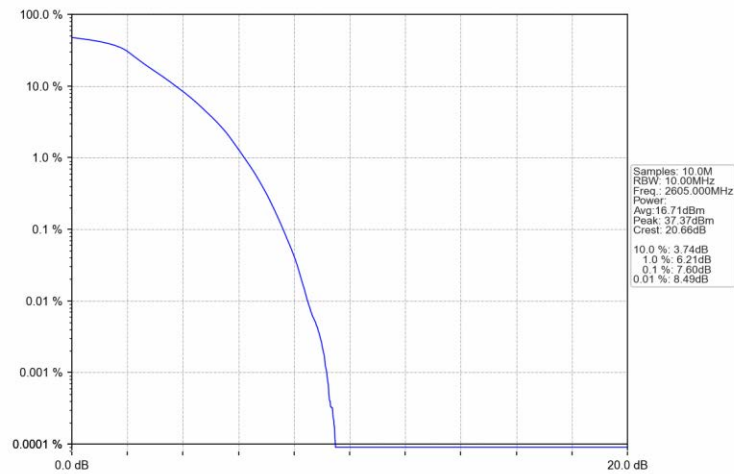


5.2.2 B41_10MHz

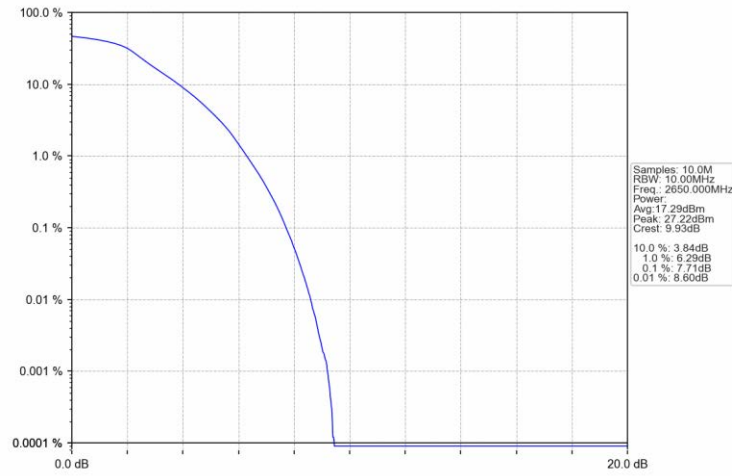
Band41 10MHz QPSK LCH 2560MHz RB 50 0 NTV



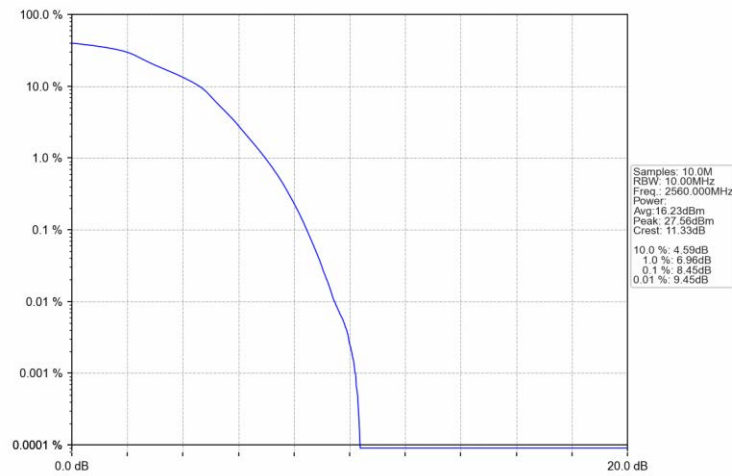
Band41 10MHz QPSK MCH 2605MHz RB 50 0 NTV



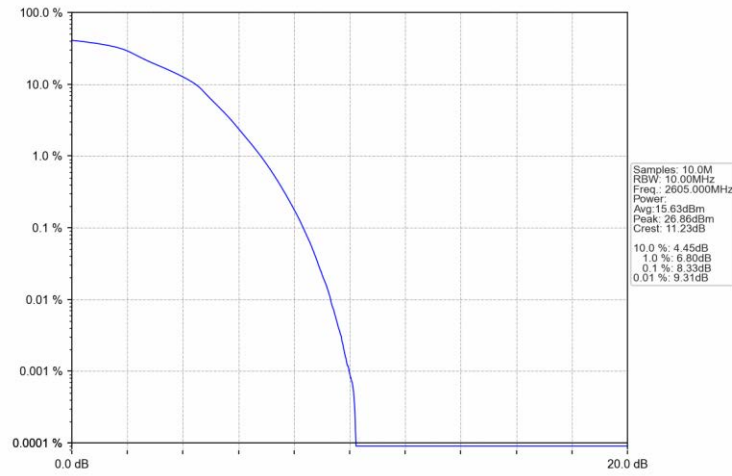
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



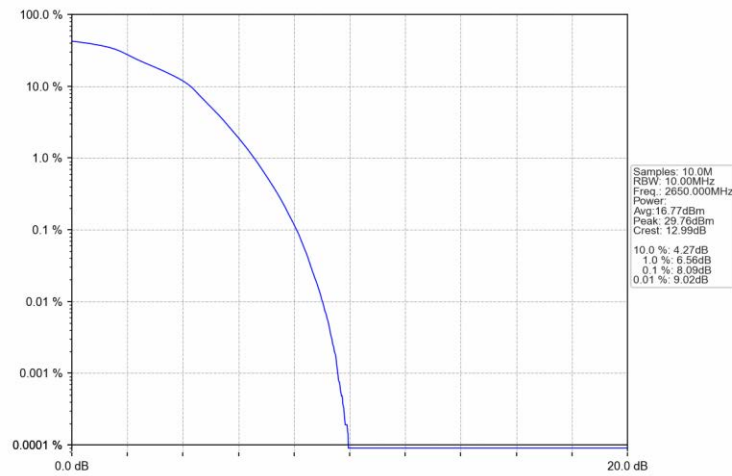
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV

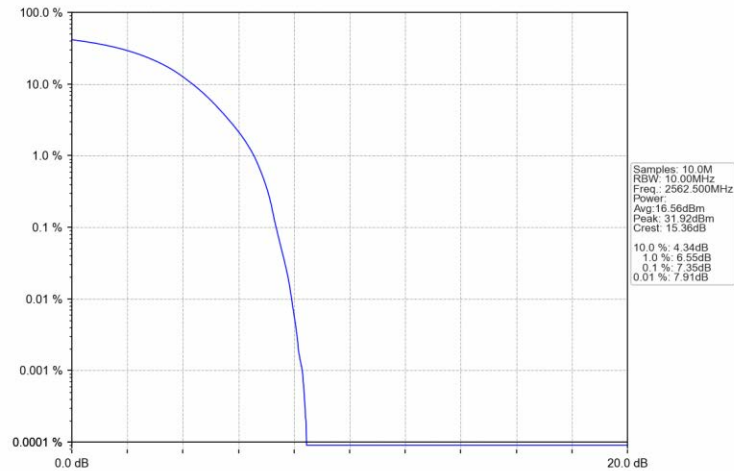


Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

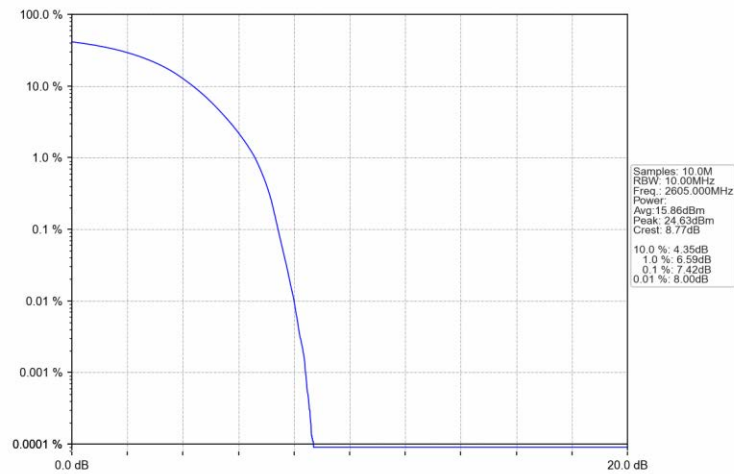


5.2.3 B41_15MHz

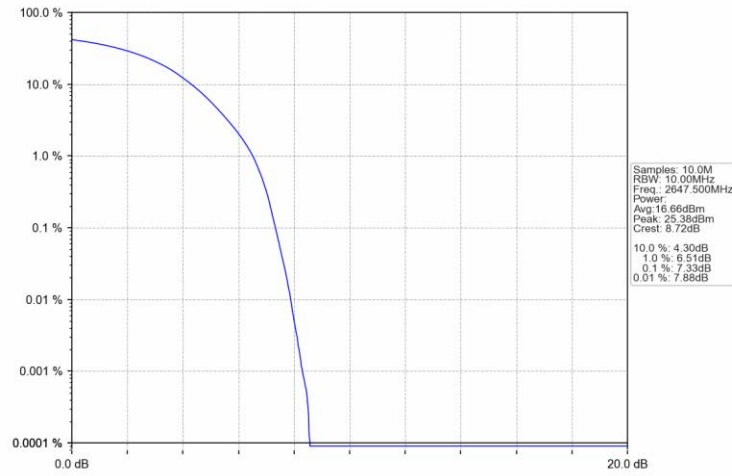
Band41 15MHz QPSK LCH 2562.5MHz RB 75 0 NTNV



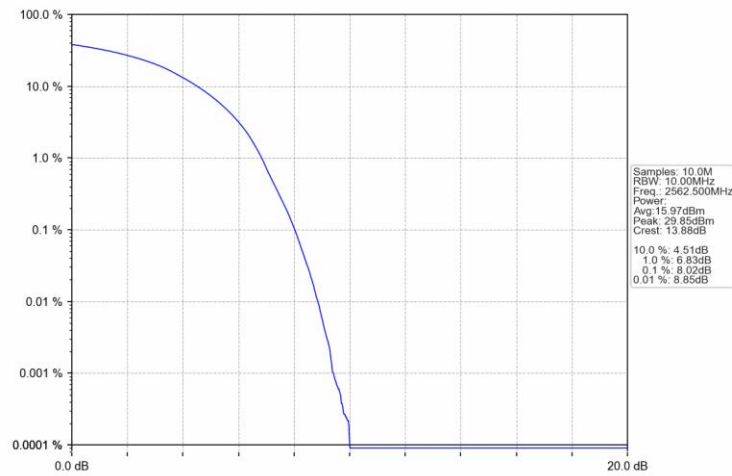
Band41 15MHz QPSK MCH 2605MHz RB 75 0 NTNV



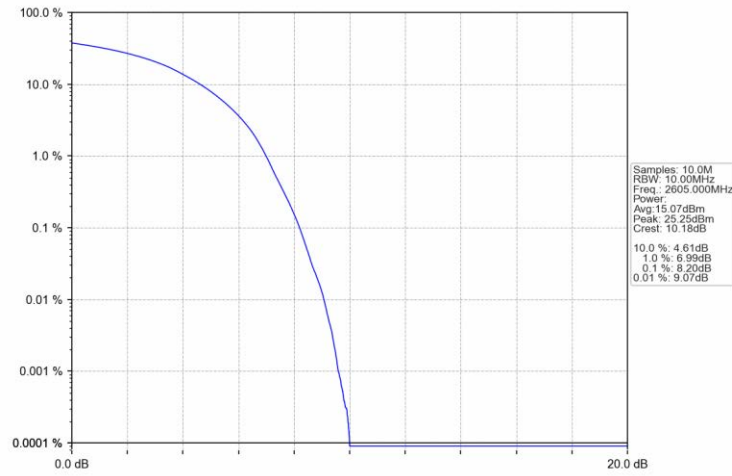
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



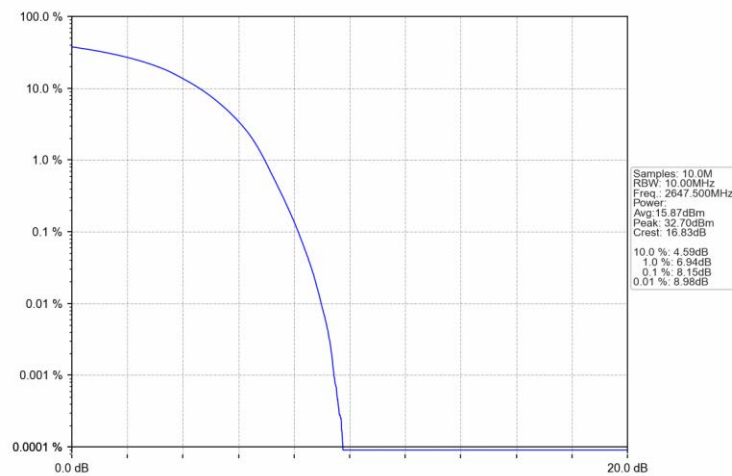
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



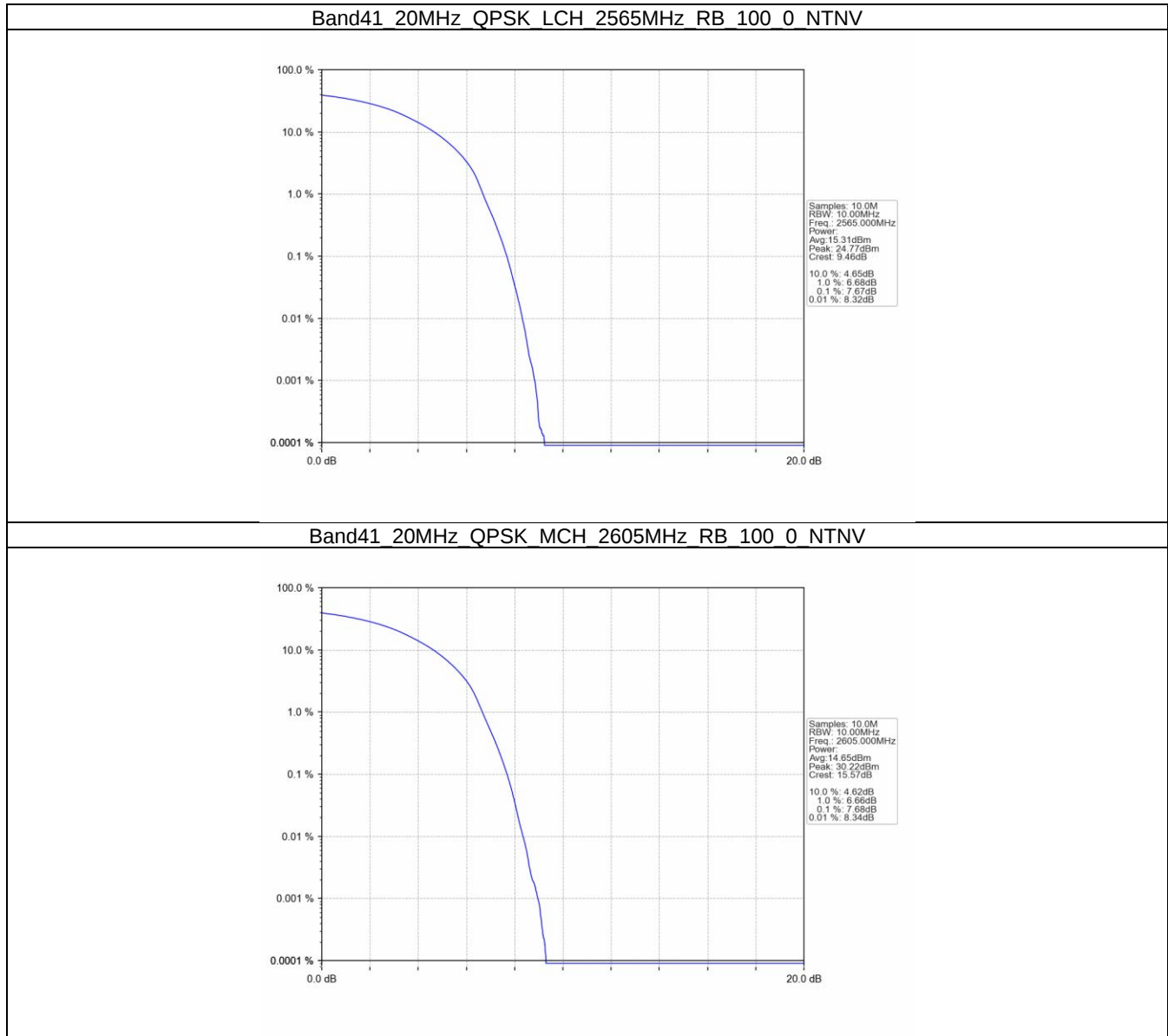
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



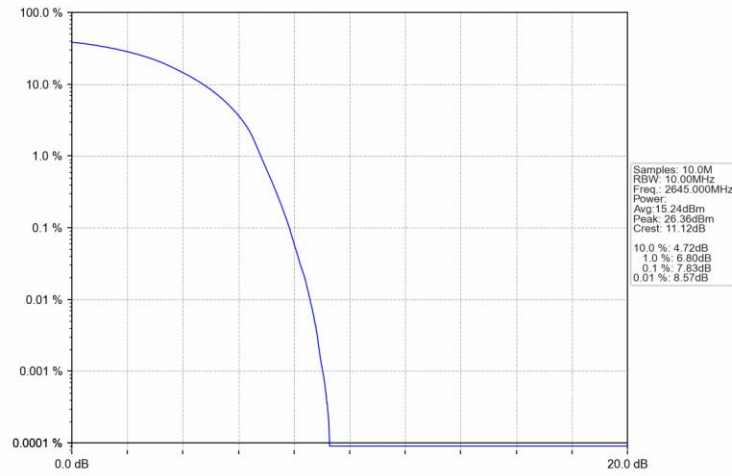
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



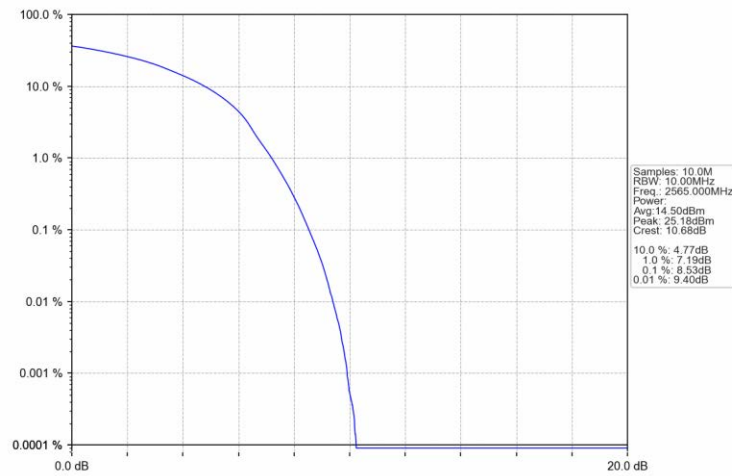
5.2.4 B41_20MHz



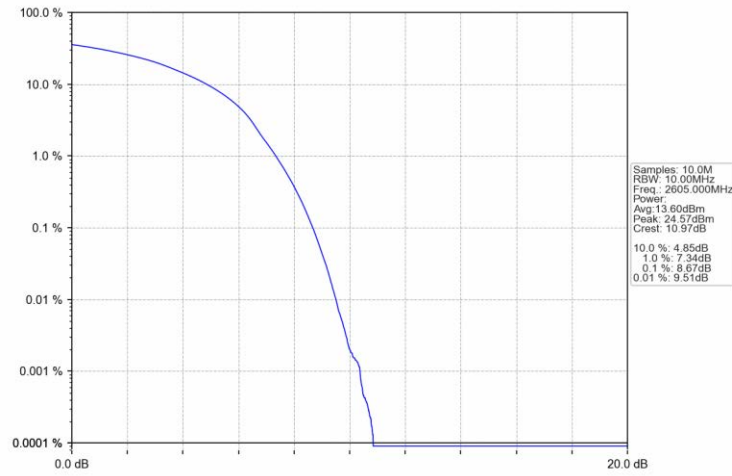
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



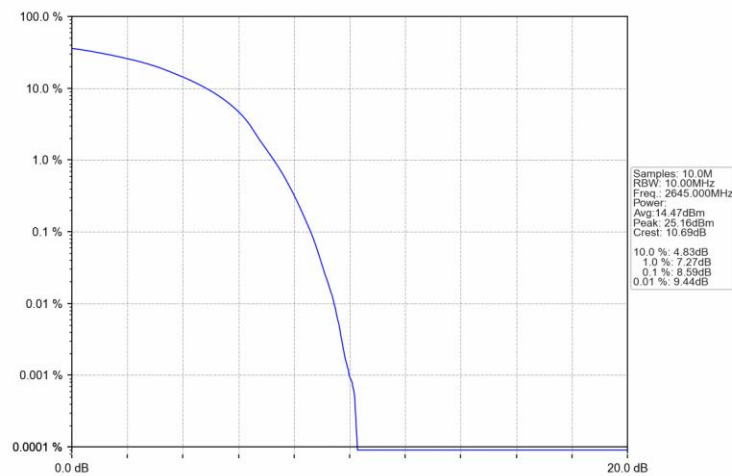
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



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	
		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	
		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	
		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

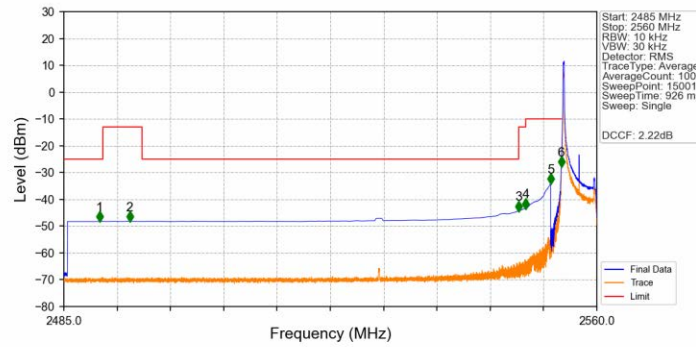
6.1.4 B41_20MHz

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
		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
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

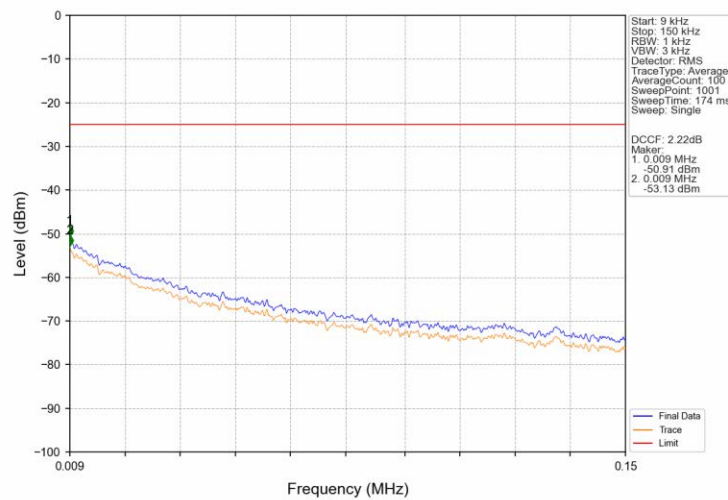
6.2 Test Graph

6.2.1 B41_5MHz

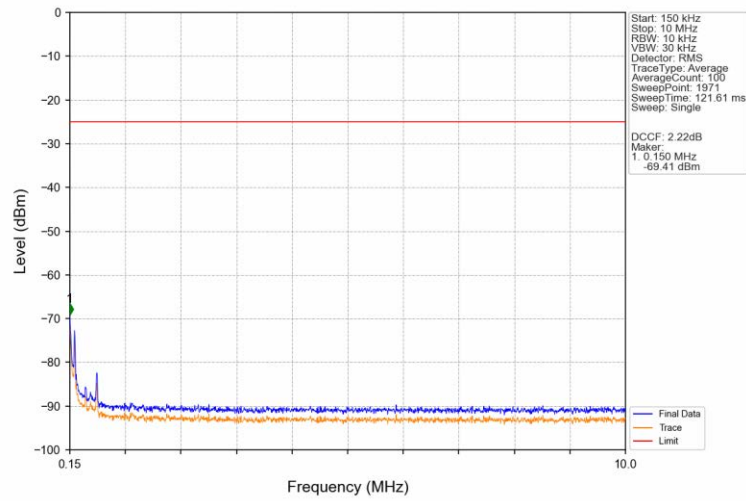
Band41 5MHz QPSK LCH 2557.5MHz RB 1 0 NTV



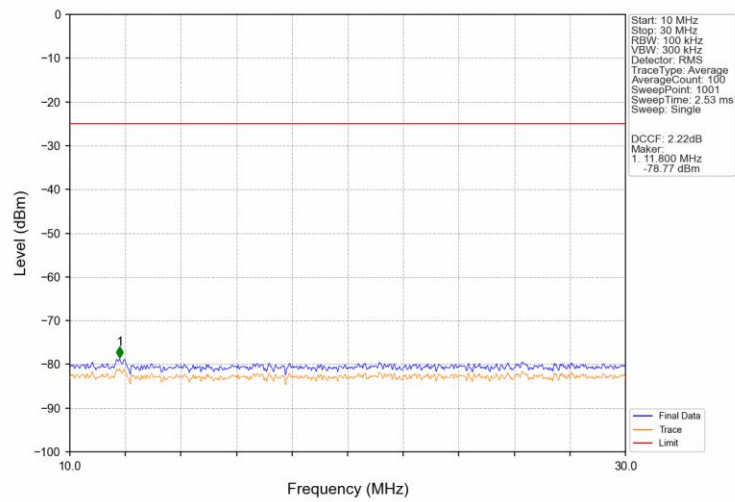
Band41 5MHz QPSK LCH 2557.5MHz RB 1 0 NTV



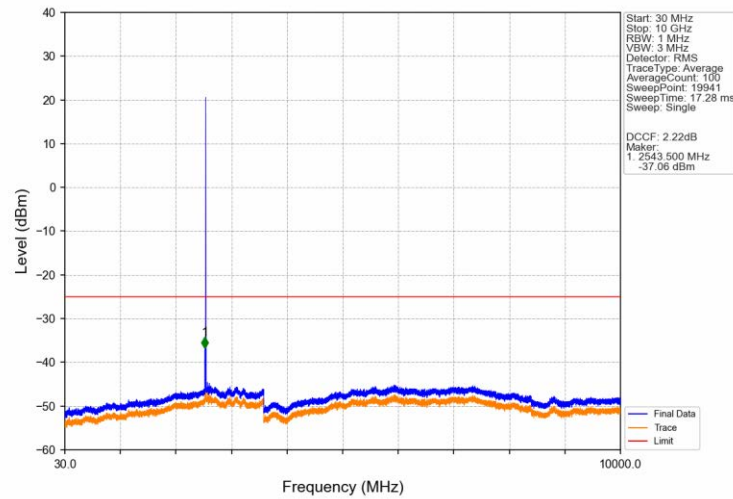
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



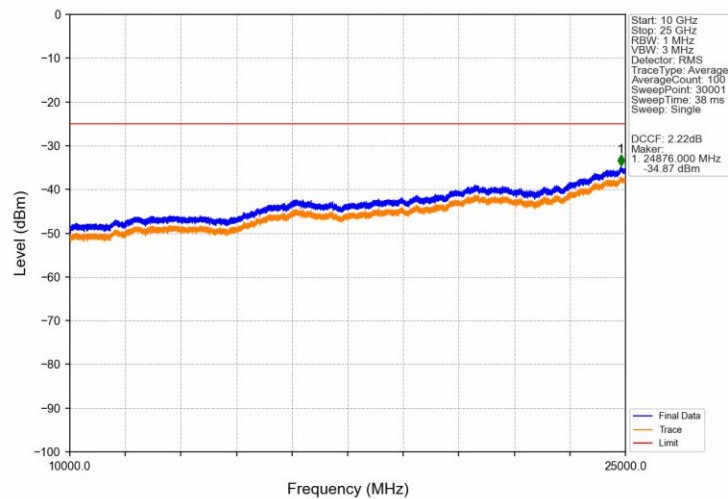
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



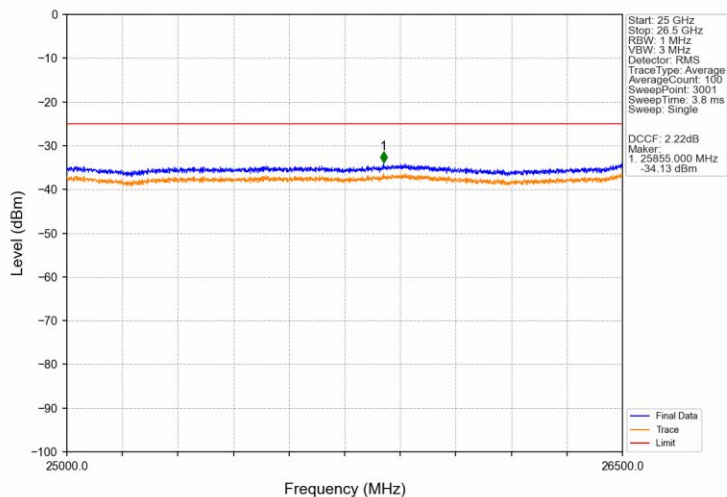
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



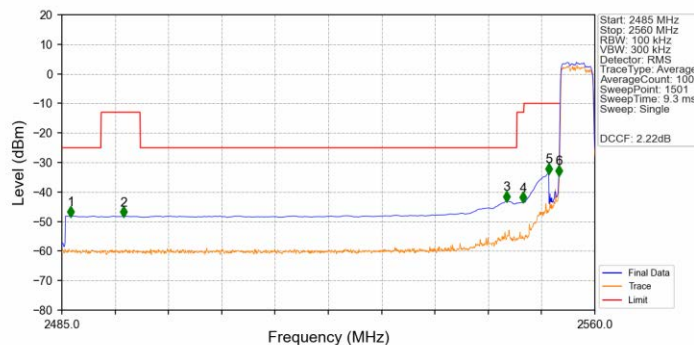
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

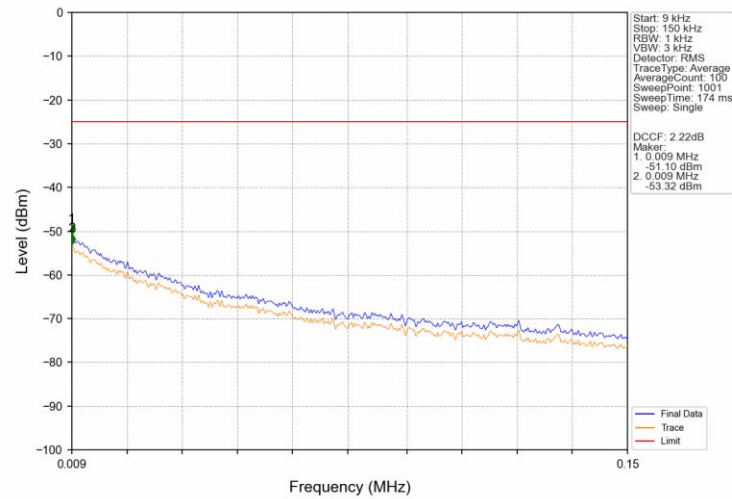


Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV

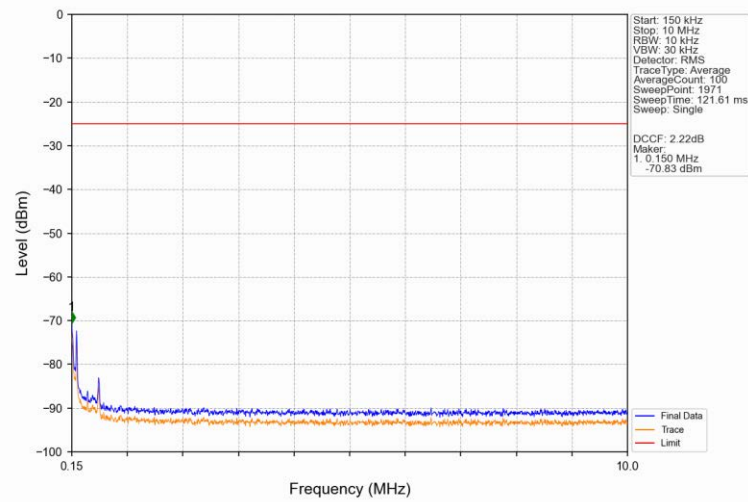


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.250	-48.16	-25	Pass
2490.5	2496	1	CHP	2	2493.700	-48.21	-13	Pass
2496	2549	1	CHP	3	2547.600	-43.04	-25	Pass
2549	2550	1	CHP	4	2549.900	-43.36	-13	Pass
2550	2554	1	CHP	5	2553.500	-33.62	-10	Pass
2554	2555	0.101	CHP	6	2554.950	-34.28	-10	Pass
2555	2560	0.101	CHP	/	/	/	/	/

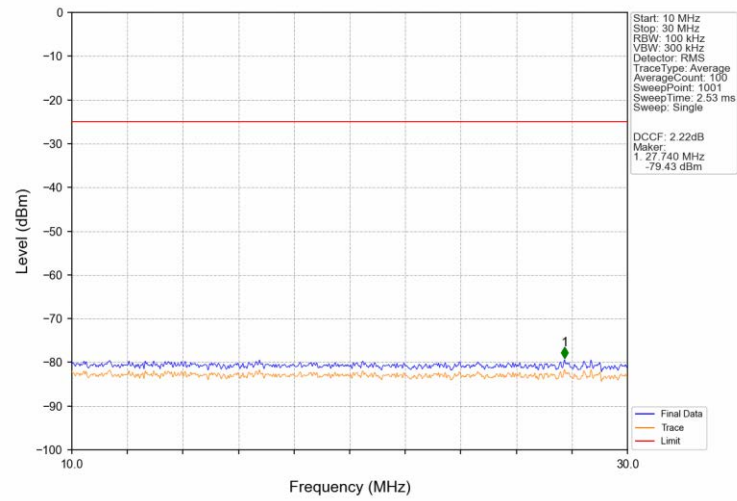
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



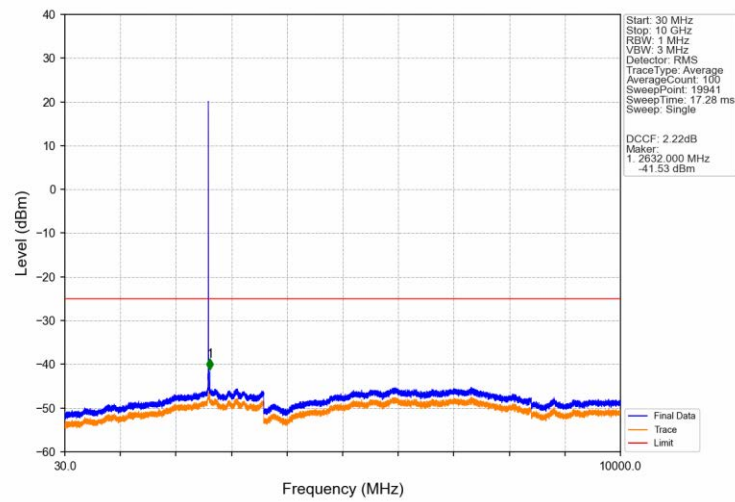
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



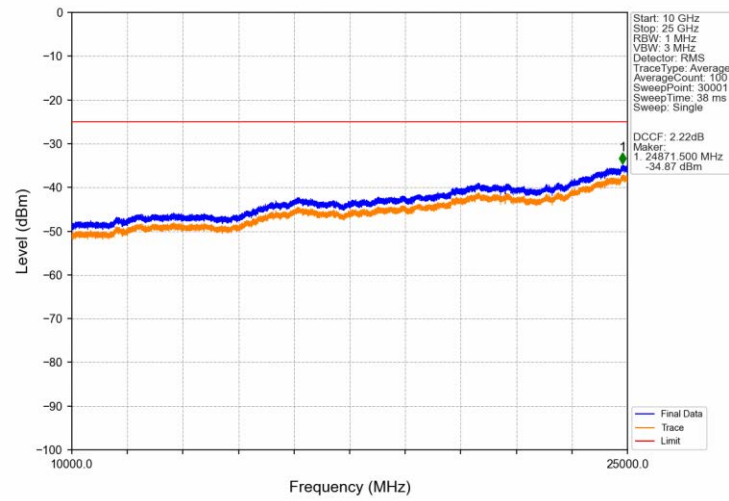
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



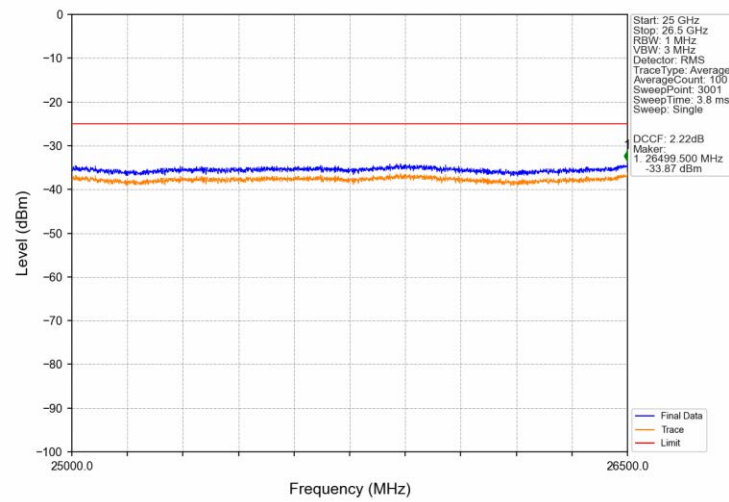
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



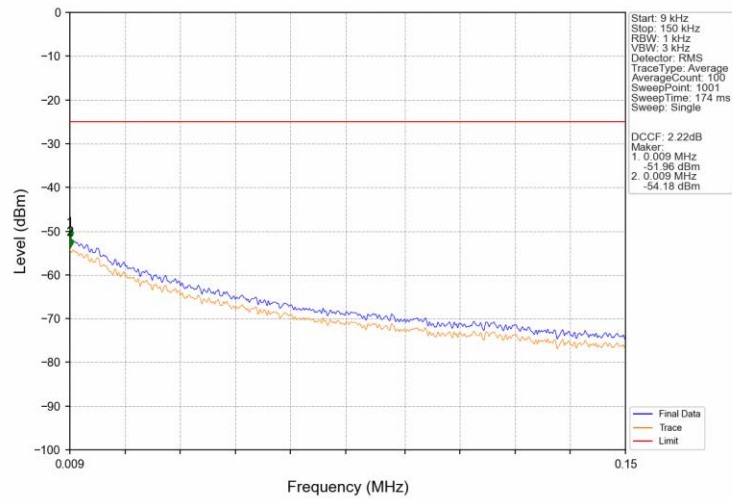
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



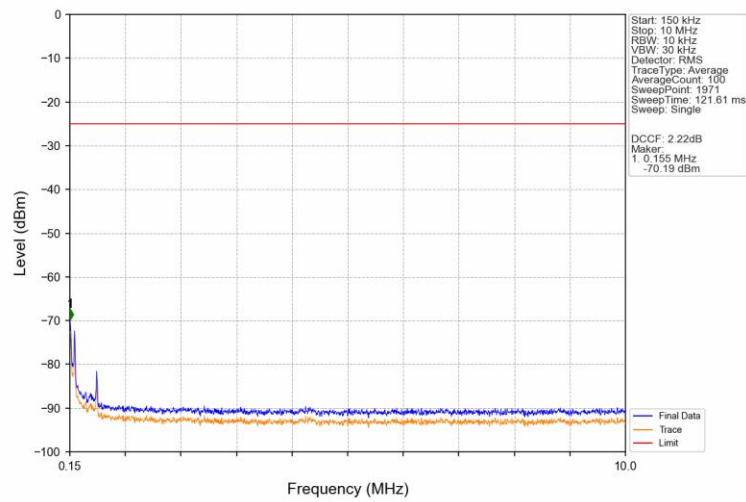
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



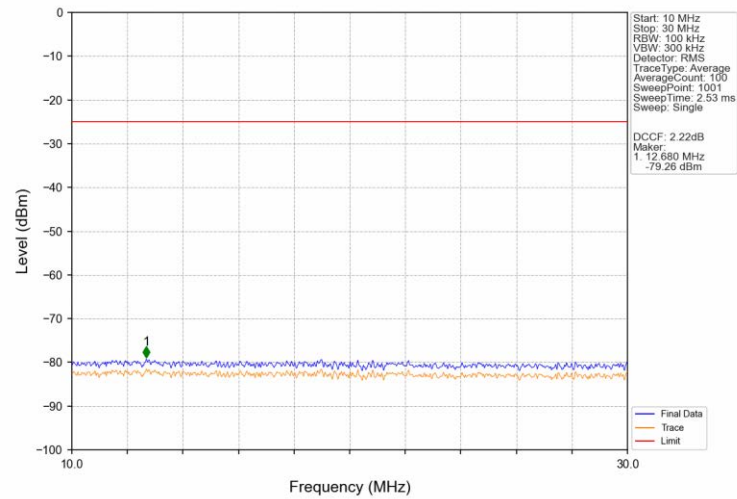
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



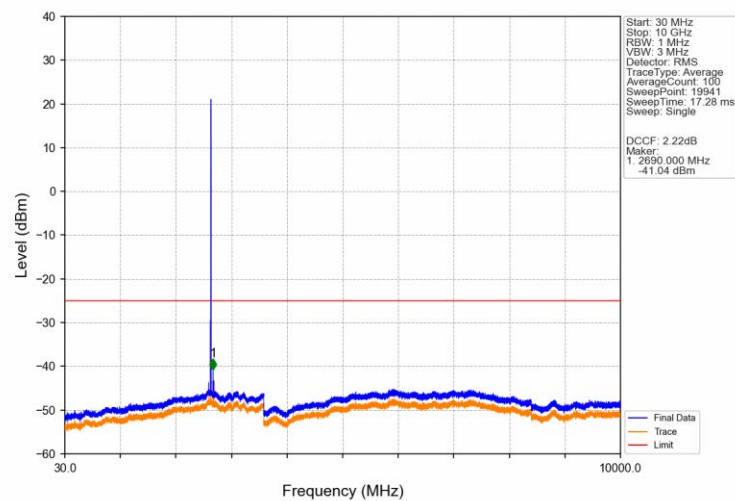
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



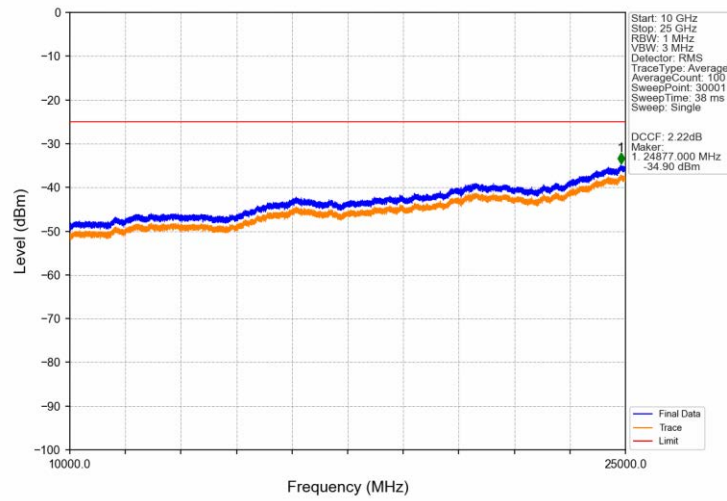
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



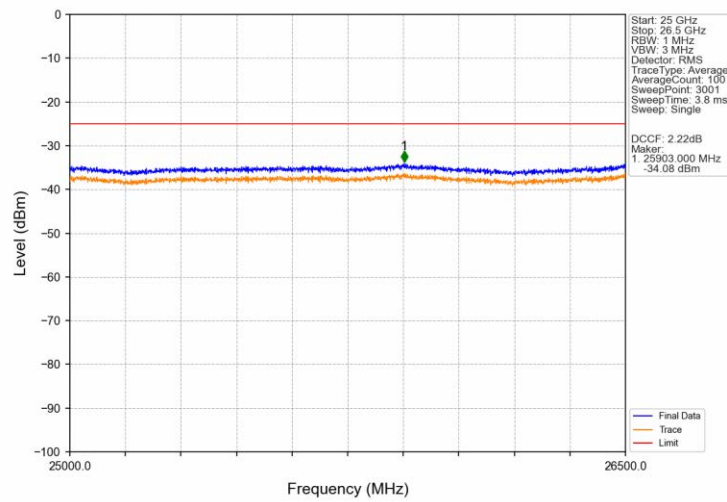
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



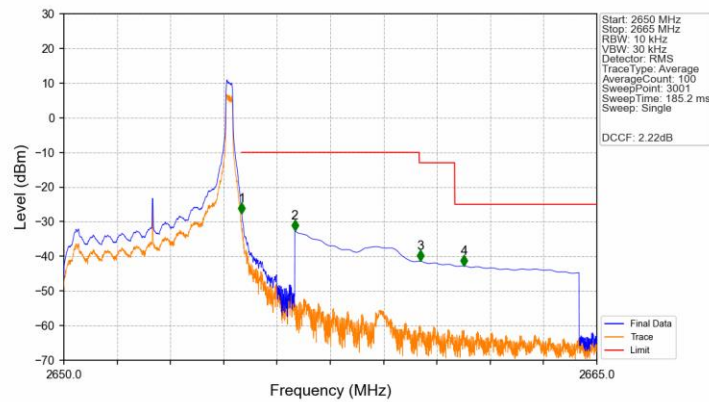
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV

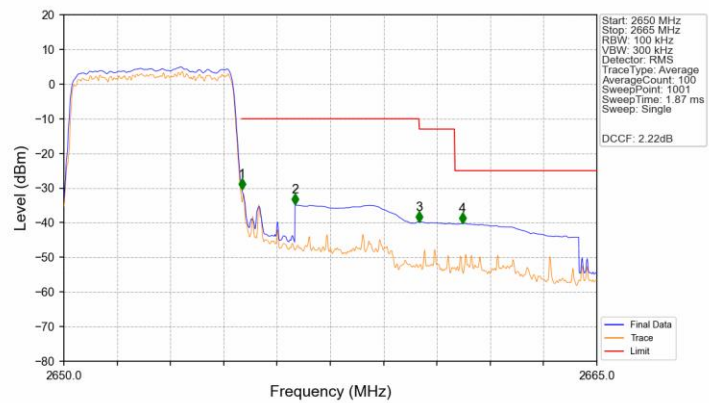


Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_24_NTNV



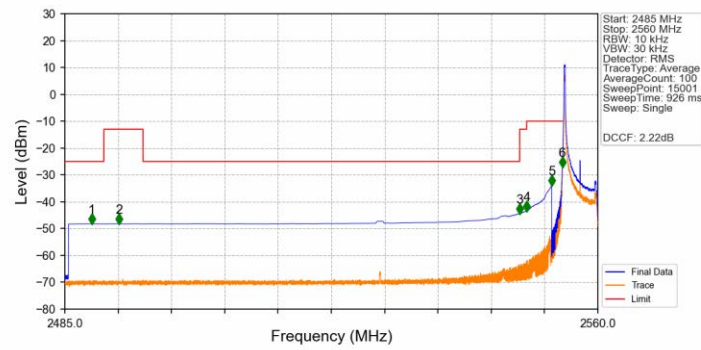
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2650	2655	0.02	CHP	/	/	/	/	/
2655	2656	0.02	CHP	1	2655.005	-27.71	-10	Pass
2656	2660	1	CHP	2	2656.500	-32.68	-10	Pass
2660	2661	1	CHP	3	2660.040	-41.43	-13	Pass
2661	2665	1	CHP	4	2661.260	-42.74	-25	Pass

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	0.107	CHP	/	/	/	/	/
2655	2656	0.107	CHP	1	2655.010	-30.48	-10	Pass
2656	2660	1	CHP	2	2656.510	-34.84	-10	Pass
2660	2661	1	CHP	3	2660.005	-39.81	-13	Pass
2661	2665	1	CHP	4	2661.220	-40.20	-25	Pass

Band41_5MHz_16QAM_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	2488.795	-48.19	-25	Pass
2490.5	2496	1	CHP	2	2492.655	-48.18	-13	Pass
2496	2549	1	CHP	3	2548.985	-44.44	-25	Pass
2549	2550	1	CHP	4	2549.990	-43.42	-13	Pass
2550	2554	1	CHP	5	2553.500	-33.84	-10	Pass
2554	2555	0.02	CHP	6	2554.995	-27.05	-10	Pass
2555	2560	0.02	CHP	/	/	/	/	/

Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

