

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	23.28	1.10	24.38	<=33.01	Pass
			25	23.50	1.10	24.60	<=33.01	Pass
			49	23.24	1.10	24.34	<=33.01	Pass
		25	0	22.31	1.10	23.41	<=33.01	Pass
			13	22.29	1.10	23.39	<=33.01	Pass
			25	22.22	1.10	23.32	<=33.01	Pass
		50	0	22.28	1.10	23.38	<=33.01	Pass
	2605	1	0	23.03	1.10	24.13	<=33.01	Pass
			25	23.06	1.10	24.16	<=33.01	Pass
			49	23.05	1.10	24.15	<=33.01	Pass
		25	0	21.94	1.10	23.04	<=33.01	Pass
			13	21.92	1.10	23.02	<=33.01	Pass
			25	22.00	1.10	23.10	<=33.01	Pass
		50	0	21.99	1.10	23.09	<=33.01	Pass
	2650	1	0	23.14	1.10	24.24	<=33.01	Pass
			25	23.28	1.10	24.38	<=33.01	Pass
			49	22.94	1.10	24.04	<=33.01	Pass
		25	0	22.02	1.10	23.12	<=33.01	Pass
			13	22.14	1.10	23.24	<=33.01	Pass
			25	22.10	1.10	23.20	<=33.01	Pass
16QAM	2560	1	0	22.26	1.10	23.36	<=33.01	Pass
			25	22.23	1.10	23.33	<=33.01	Pass
			49	22.05	1.10	23.15	<=33.01	Pass
		25	0	21.28	1.10	22.38	<=33.01	Pass
			13	21.29	1.10	22.39	<=33.01	Pass
			25	21.24	1.10	22.34	<=33.01	Pass
		50	0	21.23	1.10	22.33	<=33.01	Pass
	2605	1	0	21.85	1.10	22.95	<=33.01	Pass
			25	22.06	1.10	23.16	<=33.01	Pass
			49	22.14	1.10	23.24	<=33.01	Pass
		25	0	20.94	1.10	22.04	<=33.01	Pass
			13	21.03	1.10	22.13	<=33.01	Pass
			25	21.02	1.10	22.12	<=33.01	Pass
		50	0	20.91	1.10	22.01	<=33.01	Pass
	2650	1	0	21.91	1.10	23.01	<=33.01	Pass
			25	22.02	1.10	23.12	<=33.01	Pass
			49	21.89	1.10	22.99	<=33.01	Pass
		25	0	21.09	1.10	22.19	<=33.01	Pass
			13	21.18	1.10	22.28	<=33.01	Pass
			25	21.10	1.10	22.20	<=33.01	Pass
		50	0	21.17	1.10	22.27	<=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	23.17	1.10	24.27	<=33.01	Pass
			38	23.28	1.10	24.38	<=33.01	Pass
			74	23.18	1.10	24.28	<=33.01	Pass
		36	0	22.28	1.10	23.38	<=33.01	Pass
			18	22.34	1.10	23.44	<=33.01	Pass
			39	22.22	1.10	23.32	<=33.01	Pass
		75	0	22.29	1.10	23.39	<=33.01	Pass

16QAM	2605	1	0	22.79	1.10	23.89	<=33.01	Pass
			38	22.99	1.10	24.09	<=33.01	Pass
			74	22.93	1.10	24.03	<=33.01	Pass
		36	0	22.02	1.10	23.12	<=33.01	Pass
			18	21.93	1.10	23.03	<=33.01	Pass
			39	21.91	1.10	23.01	<=33.01	Pass
		75	0	21.91	1.10	23.01	<=33.01	Pass
	2647.5	1	0	23.07	1.10	24.17	<=33.01	Pass
			38	22.99	1.10	24.09	<=33.01	Pass
			74	23.00	1.10	24.10	<=33.01	Pass
		36	0	22.09	1.10	23.19	<=33.01	Pass
			18	22.07	1.10	23.17	<=33.01	Pass
			39	22.03	1.10	23.13	<=33.01	Pass
		75	0	22.09	1.10	23.19	<=33.01	Pass
16QAM	2562.5	1	0	22.15	1.10	23.25	<=33.01	Pass
			38	22.06	1.10	23.16	<=33.01	Pass
			74	22.12	1.10	23.22	<=33.01	Pass
		36	0	21.21	1.10	22.31	<=33.01	Pass
			18	21.25	1.10	22.35	<=33.01	Pass
			39	21.22	1.10	22.32	<=33.01	Pass
		75	0	21.28	1.10	22.38	<=33.01	Pass
	2605	1	0	21.96	1.10	23.06	<=33.01	Pass
			38	21.78	1.10	22.88	<=33.01	Pass
			74	21.62	1.10	22.72	<=33.01	Pass
		36	0	20.87	1.10	21.97	<=33.01	Pass
			18	21.07	1.10	22.17	<=33.01	Pass
			39	21.03	1.10	22.13	<=33.01	Pass
		75	0	21.04	1.10	22.14	<=33.01	Pass
	2647.5	1	0	21.81	1.10	22.91	<=33.01	Pass
			38	21.95	1.10	23.05	<=33.01	Pass
			74	21.77	1.10	22.87	<=33.01	Pass
		36	0	21.07	1.10	22.17	<=33.01	Pass
			18	21.02	1.10	22.12	<=33.01	Pass
			39	21.02	1.10	22.12	<=33.01	Pass
		75	0	21.10	1.10	22.20	<=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	23.02	1.10	24.12	<=33.01	Pass
			50	23.50	1.10	24.60	<=33.01	Pass
			99	22.98	1.10	24.08	<=33.01	Pass
		50	0	22.17	1.10	23.27	<=33.01	Pass
			25	22.21	1.10	23.31	<=33.01	Pass
			50	22.11	1.10	23.21	<=33.01	Pass
		100	0	22.16	1.10	23.26	<=33.01	Pass
	2605	1	0	22.74	1.10	23.84	<=33.01	Pass
			50	23.14	1.10	24.24	<=33.01	Pass
			99	22.56	1.10	23.66	<=33.01	Pass
		50	0	21.82	1.10	22.92	<=33.01	Pass
			25	22.00	1.10	23.10	<=33.01	Pass
			50	21.95	1.10	23.05	<=33.01	Pass
		100	0	21.93	1.10	23.03	<=33.01	Pass
	2645	1	0	22.66	1.10	23.76	<=33.01	Pass
			50	23.11	1.10	24.21	<=33.01	Pass

16QAM		50	99	22.68	1.10	23.78	<=33.01	Pass
			0	21.91	1.10	23.01	<=33.01	Pass
			25	22.09	1.10	23.19	<=33.01	Pass
			50	21.96	1.10	23.06	<=33.01	Pass
	100	0	0	21.94	1.10	23.04	<=33.01	Pass
			0	21.95	1.10	23.05	<=33.01	Pass
			50	22.33	1.10	23.43	<=33.01	Pass
			99	21.82	1.10	22.92	<=33.01	Pass
	2565	50	0	21.16	1.10	22.26	<=33.01	Pass
			25	21.18	1.10	22.28	<=33.01	Pass
			50	21.18	1.10	22.28	<=33.01	Pass
			100	0	21.07	22.17	<=33.01	Pass
	2605	1	0	21.24	1.10	22.34	<=33.01	Pass
			50	22.12	1.10	23.22	<=33.01	Pass
			99	21.72	1.10	22.82	<=33.01	Pass
		50	0	20.91	1.10	22.01	<=33.01	Pass
			25	20.92	1.10	22.02	<=33.01	Pass
			50	20.93	1.10	22.03	<=33.01	Pass
		100	0	20.96	1.10	22.06	<=33.01	Pass
			0	21.89	1.10	22.99	<=33.01	Pass
			50	22.32	1.10	23.42	<=33.01	Pass
			99	21.87	1.10	22.97	<=33.01	Pass
	2645	50	0	20.96	1.10	22.06	<=33.01	Pass
			25	21.13	1.10	22.23	<=33.01	Pass
			50	21.00	1.10	22.10	<=33.01	Pass
		100	0	20.97	1.10	22.07	<=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	0.629	0.0002	-2.5 to 2.5	Pass
					3.85	4.706	0.0018	-2.5 to 2.5	Pass
					4.43	15.764	0.0062	-2.5 to 2.5	Pass
				-30	3.85	4.764	0.0019	-2.5 to 2.5	Pass
				-20	3.85	18.940	0.0074	-2.5 to 2.5	Pass
				-10	3.85	9.799	0.0038	-2.5 to 2.5	Pass
				0	3.85	20.471	0.0080	-2.5 to 2.5	Pass
				10	3.85	8.612	0.0034	-2.5 to 2.5	Pass
				30	3.85	29.583	0.0116	-2.5 to 2.5	Pass
				40	3.85	18.983	0.0074	-2.5 to 2.5	Pass
				50	3.85	23.746	0.0093	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	8.540	0.0033	-2.5 to 2.5	Pass
					3.85	7.768	0.0030	-2.5 to 2.5	Pass
					4.43	14.420	0.0055	-2.5 to 2.5	Pass
				-30	3.85	22.416	0.0086	-2.5 to 2.5	Pass
				-20	3.85	8.769	0.0034	-2.5 to 2.5	Pass
				-10	3.85	19.326	0.0074	-2.5 to 2.5	Pass
				0	3.85	7.367	0.0028	-2.5 to 2.5	Pass
				10	3.85	14.892	0.0057	-2.5 to 2.5	Pass

	2652.5	25	0	30	3.85	12.674	0.0049	-2.5 to 2.5	Pass
				40	3.85	18.153	0.0070	-2.5 to 2.5	Pass
				50	3.85	5.493	0.0021	-2.5 to 2.5	Pass
				20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	26.107	0.0098	-2.5 to 2.5	Pass
					4.43	15.535	0.0059	-2.5 to 2.5	Pass
				-30	3.85	14.548	0.0055	-2.5 to 2.5	Pass
				-20	3.85	25.792	0.0097	-2.5 to 2.5	Pass
				-10	3.85	8.554	0.0032	-2.5 to 2.5	Pass
				0	3.85	20.242	0.0076	-2.5 to 2.5	Pass
				10	3.85	12.517	0.0047	-2.5 to 2.5	Pass
				30	3.85	16.823	0.0063	-2.5 to 2.5	Pass
				40	3.85	12.488	0.0047	-2.5 to 2.5	Pass
				50	3.85	30.956	0.0117	-2.5 to 2.5	Pass
16QAM	2557.5	25	0	20	3.27	27.595	0.0108	-2.5 to 2.5	Pass
					3.85	15.478	0.0061	-2.5 to 2.5	Pass
					4.43	31.171	0.0122	-2.5 to 2.5	Pass
				-30	3.85	16.680	0.0065	-2.5 to 2.5	Pass
				-20	3.85	24.605	0.0096	-2.5 to 2.5	Pass
				-10	3.85	17.381	0.0068	-2.5 to 2.5	Pass
				0	3.85	26.565	0.0104	-2.5 to 2.5	Pass
				10	3.85	21.901	0.0086	-2.5 to 2.5	Pass
				30	3.85	28.667	0.0112	-2.5 to 2.5	Pass
				40	3.85	42.758	0.0167	-2.5 to 2.5	Pass
				50	3.85	24.118	0.0094	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	11.888	0.0046	-2.5 to 2.5	Pass
					3.85	8.683	0.0033	-2.5 to 2.5	Pass
					4.43	29.268	0.0112	-2.5 to 2.5	Pass
				-30	3.85	13.962	0.0054	-2.5 to 2.5	Pass
				-20	3.85	14.176	0.0054	-2.5 to 2.5	Pass
				-10	3.85	20.156	0.0077	-2.5 to 2.5	Pass
				0	3.85	22.058	0.0085	-2.5 to 2.5	Pass
				10	3.85	31.857	0.0122	-2.5 to 2.5	Pass
				30	3.85	19.298	0.0074	-2.5 to 2.5	Pass
				40	3.85	13.490	0.0052	-2.5 to 2.5	Pass
				50	3.85	12.131	0.0047	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	8.483	0.0032	-2.5 to 2.5	Pass
					3.85	27.781	0.0105	-2.5 to 2.5	Pass
					4.43	6.552	0.0025	-2.5 to 2.5	Pass
				-30	3.85	14.734	0.0056	-2.5 to 2.5	Pass
				-20	3.85	7.854	0.0030	-2.5 to 2.5	Pass
				-10	3.85	31.242	0.0118	-2.5 to 2.5	Pass
				0	3.85	26.007	0.0098	-2.5 to 2.5	Pass
				10	3.85	3.562	0.0013	-2.5 to 2.5	Pass
				30	3.85	19.441	0.0073	-2.5 to 2.5	Pass
				40	3.85	27.323	0.0103	-2.5 to 2.5	Pass
				50	3.85	25.005	0.0094	-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	-9.727	-0.0038	-2.5 to 2.5	Pass
					3.85	-22.445	-0.0088	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-11.916	-0.0047	-2.5 to 2.5	Pass

				-10	3.85	-5.350	-0.0021	-2.5 to 2.5	Pass	
				0	3.85	-17.052	-0.0067	-2.5 to 2.5	Pass	
				10	3.85	-18.010	-0.0070	-2.5 to 2.5	Pass	
				30	3.85	-14.620	-0.0057	-2.5 to 2.5	Pass	
				40	3.85	-11.144	-0.0044	-2.5 to 2.5	Pass	
				50	3.85	-9.184	-0.0036	-2.5 to 2.5	Pass	
	2605	50	0	20	3.27	-15.335	-0.0059	-2.5 to 2.5	Pass	
					3.85	-9.527	-0.0037	-2.5 to 2.5	Pass	
					4.43	-14.105	-0.0054	-2.5 to 2.5	Pass	
				-30	3.85	2.589	0.0010	-2.5 to 2.5	Pass	
				-20	3.85	-10.271	-0.0039	-2.5 to 2.5	Pass	
				-10	3.85	-8.812	-0.0034	-2.5 to 2.5	Pass	
				0	3.85	-2.704	-0.0010	-2.5 to 2.5	Pass	
				10	3.85	-3.920	-0.0015	-2.5 to 2.5	Pass	
				30	3.85	-2.890	-0.0011	-2.5 to 2.5	Pass	
				40	3.85	-7.267	-0.0028	-2.5 to 2.5	Pass	
				50	3.85	-12.875	-0.0049	-2.5 to 2.5	Pass	
				2650	50	0	20	3.27	-6.909	-0.0026
	3.85	-20.857	-0.0079					-2.5 to 2.5	Pass	
	4.43	-6.852	-0.0026					-2.5 to 2.5	Pass	
	-30	3.85	3.662				0.0014	-2.5 to 2.5	Pass	
	-20	3.85	-10.285				-0.0039	-2.5 to 2.5	Pass	
	-10	3.85	-5.665				-0.0021	-2.5 to 2.5	Pass	
	0	3.85	-13.833				-0.0052	-2.5 to 2.5	Pass	
	10	3.85	-18.110				-0.0068	-2.5 to 2.5	Pass	
	30	3.85	-15.564				-0.0059	-2.5 to 2.5	Pass	
	40	3.85	-17.681				-0.0067	-2.5 to 2.5	Pass	
	50	3.85	-2.918				-0.0011	-2.5 to 2.5	Pass	
	16QAM	2560	50				0	20	3.27	-4.134
				3.85	-6.852	-0.0027			-2.5 to 2.5	Pass
4.43				-2.389	-0.0009	-2.5 to 2.5			Pass	
-30				3.85	-14.234	-0.0056		-2.5 to 2.5	Pass	
-20				3.85	-8.011	-0.0031		-2.5 to 2.5	Pass	
-10				3.85	-15.035	-0.0059		-2.5 to 2.5	Pass	
0				3.85	-13.461	-0.0053		-2.5 to 2.5	Pass	
10				3.85	-7.653	-0.0030		-2.5 to 2.5	Pass	
30				3.85	0.687	0.0003		-2.5 to 2.5	Pass	
40				3.85	1.688	0.0007		-2.5 to 2.5	Pass	
50				3.85	-6.452	-0.0025		-2.5 to 2.5	Pass	
2605				50	0	20		3.27	2.961	0.0011
		3.85	-12.517				-0.0048	-2.5 to 2.5	Pass	
		4.43	-13.962				-0.0054	-2.5 to 2.5	Pass	
		-30	3.85			-1.416	-0.0005	-2.5 to 2.5	Pass	
		-20	3.85			-17.667	-0.0068	-2.5 to 2.5	Pass	
		-10	3.85			-16.394	-0.0063	-2.5 to 2.5	Pass	
		0	3.85			-6.967	-0.0027	-2.5 to 2.5	Pass	
		10	3.85			-13.132	-0.0050	-2.5 to 2.5	Pass	
		30	3.85			-4.263	-0.0016	-2.5 to 2.5	Pass	
		40	3.85			-1.287	-0.0005	-2.5 to 2.5	Pass	
		50	3.85			-5.121	-0.0020	-2.5 to 2.5	Pass	
		2650	50			0	20	3.27	-14.663	-0.0055
3.85				-12.817	-0.0048			-2.5 to 2.5	Pass	
4.43				-7.010	-0.0026			-2.5 to 2.5	Pass	
-30				3.85	-9.756		-0.0037	-2.5 to 2.5	Pass	
-20				3.85	-4.177		-0.0016	-2.5 to 2.5	Pass	
-10				3.85	-5.908		-0.0022	-2.5 to 2.5	Pass	
0				3.85	-18.325		-0.0069	-2.5 to 2.5	Pass	
10				3.85	-11.601		-0.0044	-2.5 to 2.5	Pass	
30	3.85			-10.457	-0.0039		-2.5 to 2.5	Pass		



				40	3.85	-13.547	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-18.110	-0.0068	-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	-7.067	-0.0028	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-9.842	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-7.038	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-7.510	-0.0029	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-6.752	-0.0026	-2.5 to 2.5	Pass
					3.85	-13.547	-0.0052	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-17.209	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-16.193	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-8.869	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-9.012	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-14.563	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0021	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-7.195	-0.0027	-2.5 to 2.5	Pass
					3.85	-14.834	-0.0056	-2.5 to 2.5	Pass
					4.43	-14.434	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-14.763	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-10.371	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-12.145	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-18.682	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-8.683	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-13.304	-0.0050	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	-0.858	-0.0003	-2.5 to 2.5	Pass
					3.85	0.644	0.0003	-2.5 to 2.5	Pass
					4.43	-9.756	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-10.700	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-16.222	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-20.728	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-13.118	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-3.719	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0017	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-19.798	-0.0076	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-12.660	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-12.145	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-12.660	-0.0049	-2.5 to 2.5	Pass

				0	3.85	-6.480	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-14.162	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-14.620	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-5.522	-0.0021	-2.5 to 2.5	Pass
					3.85	-15.607	-0.0059	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-8.669	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-10.071	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-14.863	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-13.919	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-13.676	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-13.247	-0.0050	-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	-14.062	-0.0055	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0030	-2.5 to 2.5	Pass
					4.43	-14.648	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-14.033	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-6.638	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-10.228	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-15.478	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-11.802	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0028	-2.5 to 2.5	Pass
	2605	100	0	50	3.85	-15.421	-0.0060	-2.5 to 2.5	Pass
				20	3.27	-12.889	-0.0049	-2.5 to 2.5	Pass
					3.85	-12.617	-0.0048	-2.5 to 2.5	Pass
					4.43	-21.858	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-14.391	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-10.815	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-9.170	-0.0035	-2.5 to 2.5	Pass
	2645	100	0	40	3.85	-9.899	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-12.689	-0.0049	-2.5 to 2.5	Pass
				20	3.27	-19.655	-0.0074	-2.5 to 2.5	Pass
					3.85	-14.033	-0.0053	-2.5 to 2.5	Pass
					4.43	-9.141	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-18.883	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-8.197	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-13.933	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-16.336	-0.0062	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.85	-9.627	-0.0038	-2.5 to 2.5	Pass
					3.85	-13.890	-0.0054	-2.5 to 2.5	Pass
					4.43	-10.300	-0.0040	-2.5 to 2.5	Pass

				-30	3.85	-16.079	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-14.377	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-14.906	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-16.093	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-10.958	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-13.604	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-23.546	-0.0092	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	-8.726	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0028	-2.5 to 2.5	Pass
					4.43	-12.889	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-13.261	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-5.722	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.786	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-16.866	-0.0064	-2.5 to 2.5	Pass
					3.85	-16.150	-0.0061	-2.5 to 2.5	Pass
					4.43	-12.074	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-8.869	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-15.478	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-16.894	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-7.296	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-17.037	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-13.504	-0.0051	-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	Pass
16QAM	2605	25	0	Refer To Test Graph	Pass

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	Pass
16QAM	2605	50	0	Refer To Test Graph	Pass

3.1.3 B41_15MHz

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



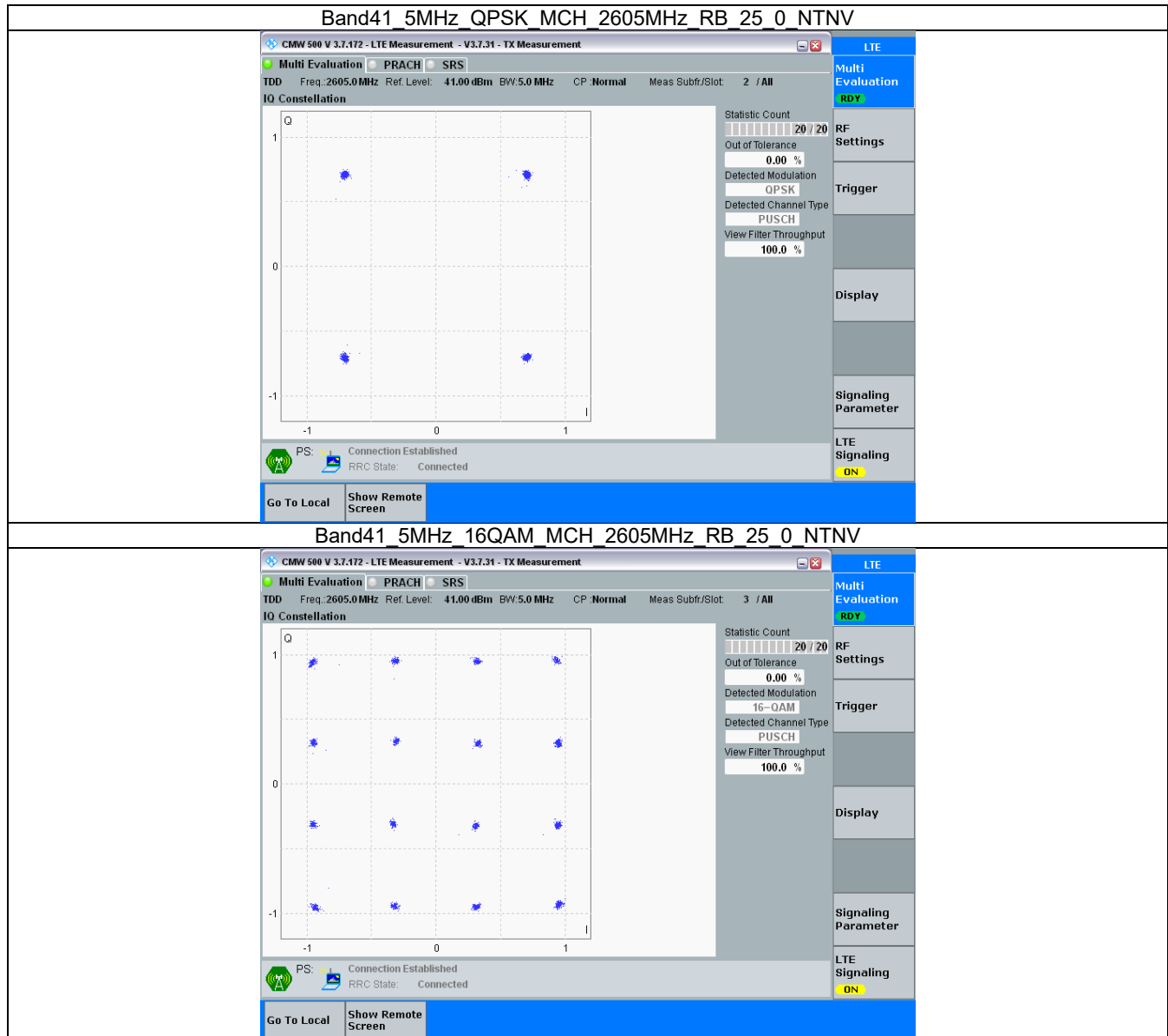
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

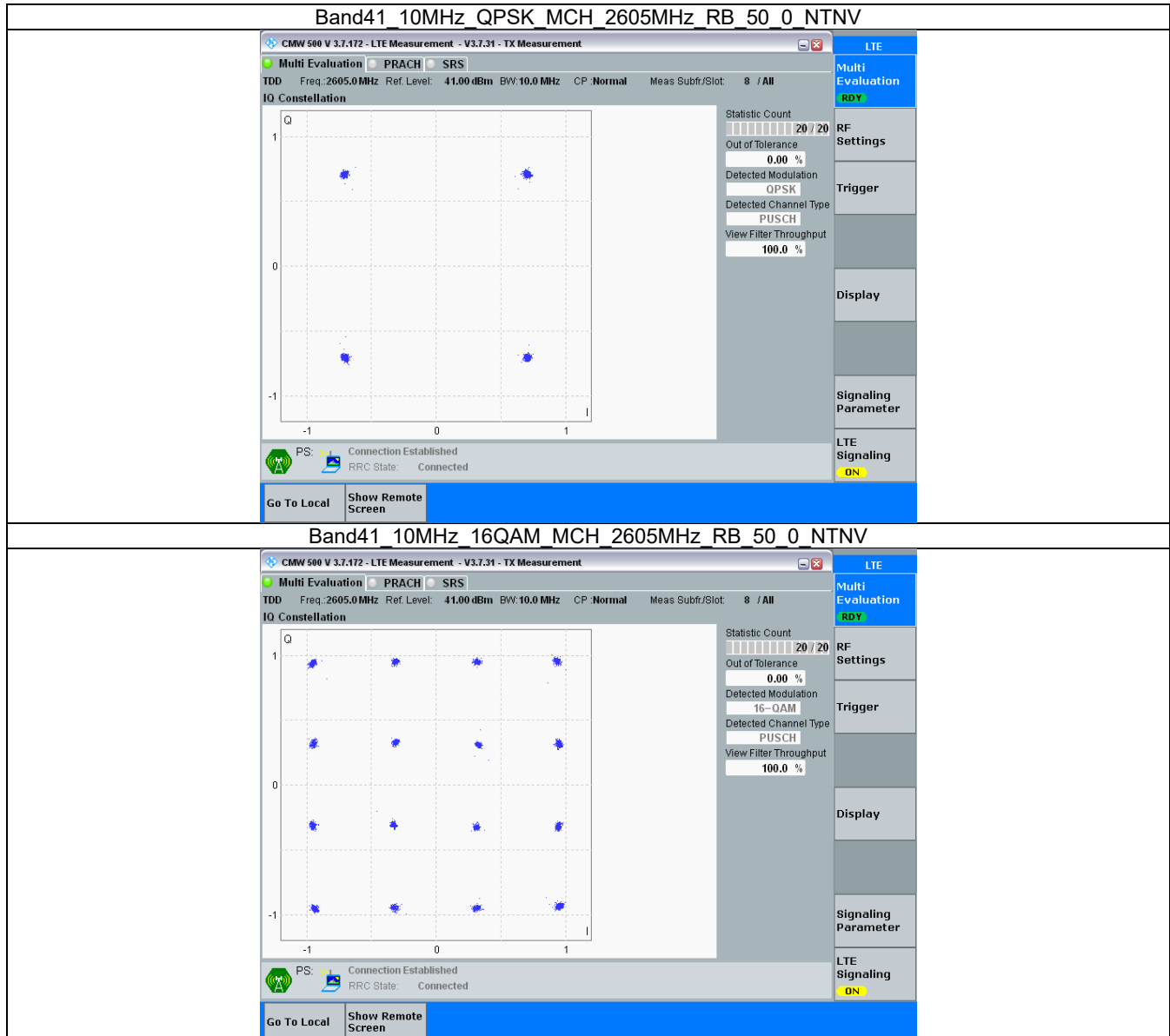
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

3.2 Test Graph

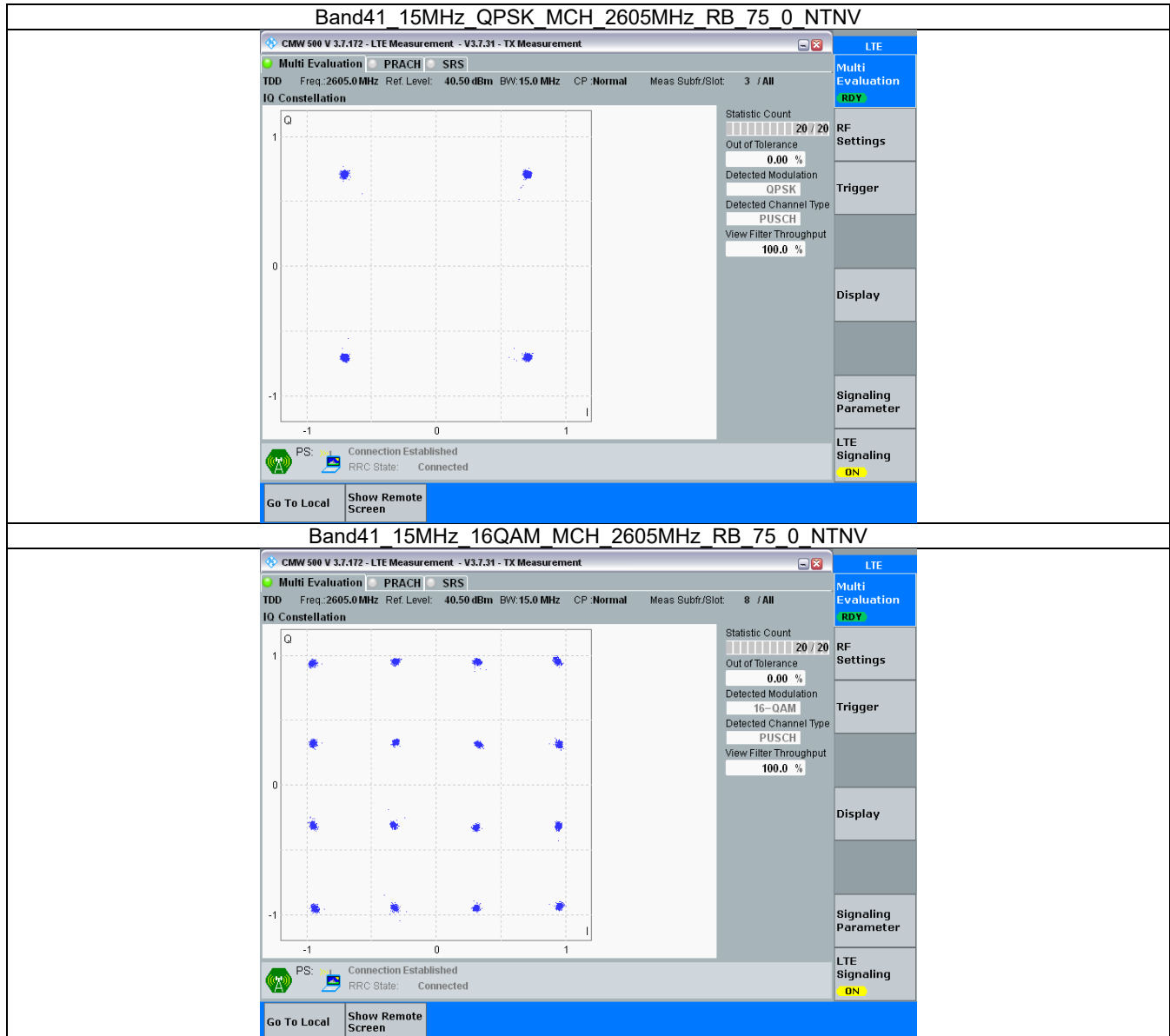
3.2.1 B41_5MHz



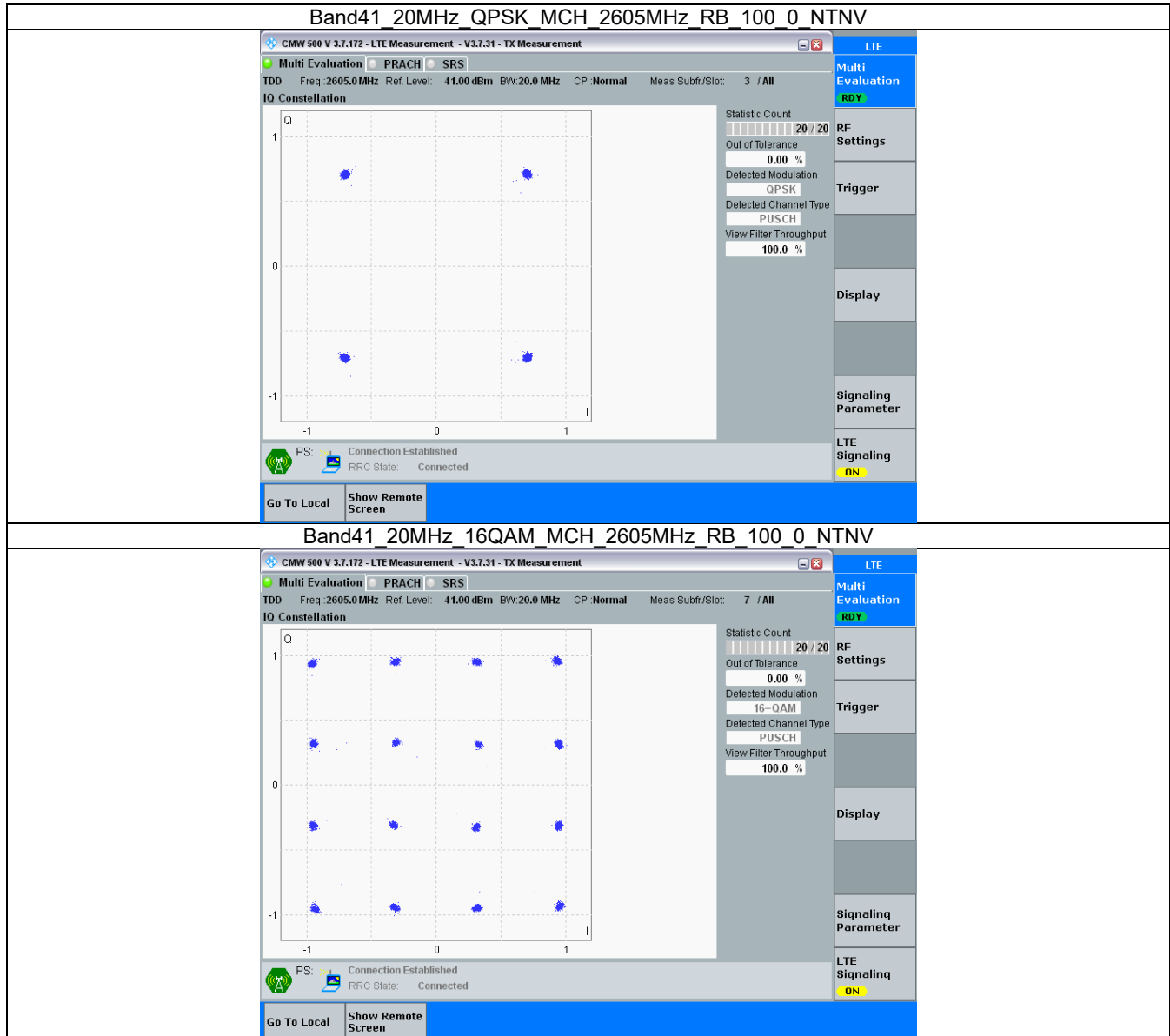
3.2.2 B41_10MHz



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	4.547	/	Pass
		2605	25	0	4.539	/	Pass
		2652.5	25	0	4.553	/	Pass
	16QAM	2557.5	25	0	4.539	/	Pass
		2605	25	0	4.553	/	Pass
		2652.5	25	0	4.544	/	Pass
10	QPSK	2560	50	0	9.039	/	Pass
		2605	50	0	9.065	/	Pass
		2650	50	0	9.060	/	Pass
	16QAM	2560	50	0	9.056	/	Pass
		2605	50	0	9.083	/	Pass
		2650	50	0	9.075	/	Pass
15	QPSK	2562.5	75	0	13.593	/	Pass
		2605	75	0	13.570	/	Pass
		2647.5	75	0	13.595	/	Pass
	16QAM	2562.5	75	0	13.553	/	Pass
		2605	75	0	13.639	/	Pass
		2647.5	75	0	13.589	/	Pass
20	QPSK	2565	100	0	18.035	/	Pass
		2605	100	0	18.105	/	Pass
		2645	100	0	18.109	/	Pass
	16QAM	2565	100	0	18.084	/	Pass
		2605	100	0	18.086	/	Pass
		2645	100	0	18.114	/	Pass

4.1.2 Band41_XDB

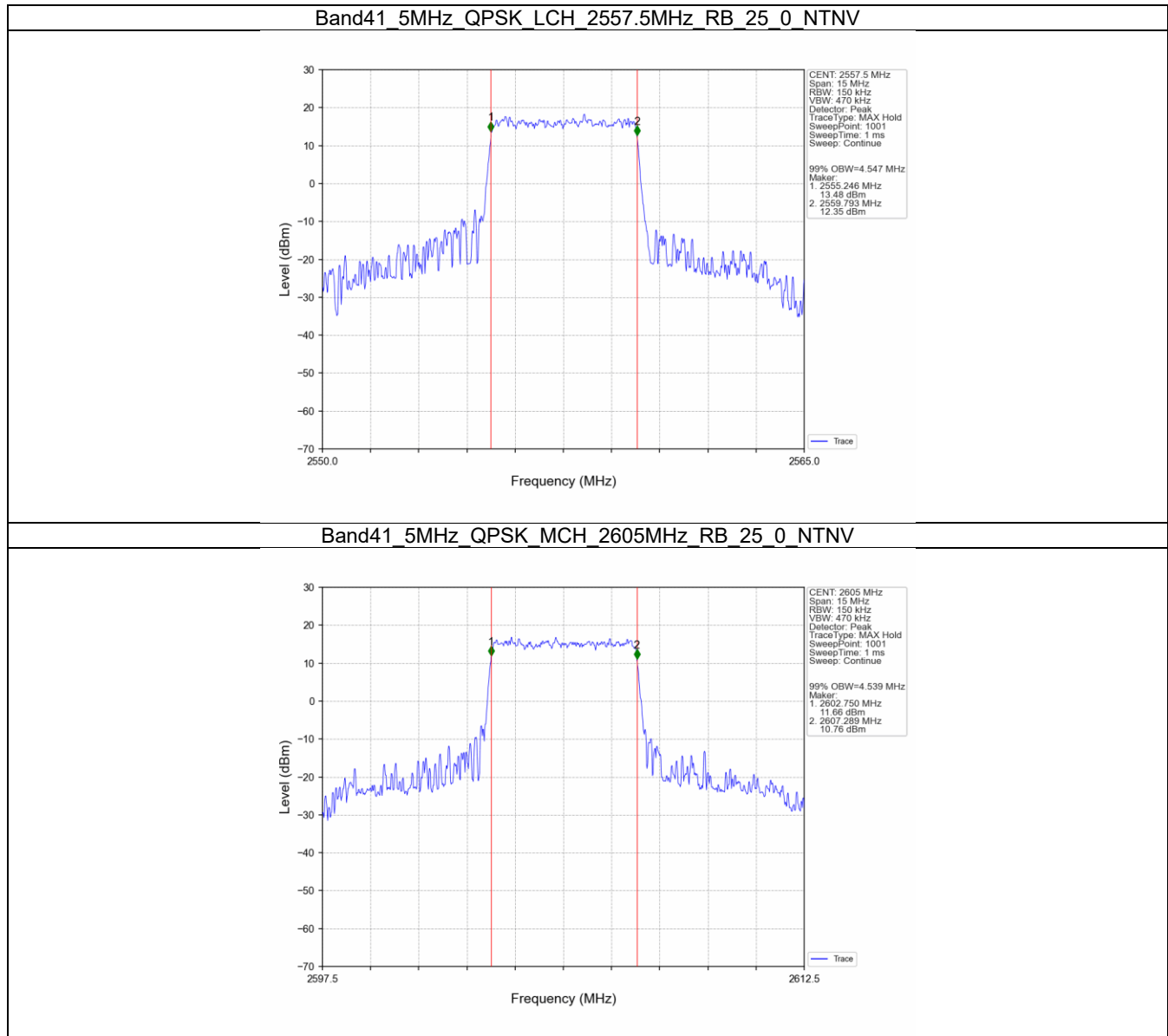
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.284	/	Pass
		2605	25	0	5.154	/	Pass
		2652.5	25	0	5.284	/	Pass
	16QAM	2557.5	25	0	5.167	/	Pass
		2605	25	0	5.023	/	Pass
		2652.5	25	0	5.032	/	Pass
10	QPSK	2560	50	0	9.899	/	Pass
		2605	50	0	9.901	/	Pass
		2650	50	0	10.626	/	Pass
	16QAM	2560	50	0	9.950	/	Pass
		2605	50	0	10.316	/	Pass
		2650	50	0	11.471	/	Pass
15	QPSK	2562.5	75	0	15.100	/	Pass
		2605	75	0	16.045	/	Pass
		2647.5	75	0	16.241	/	Pass



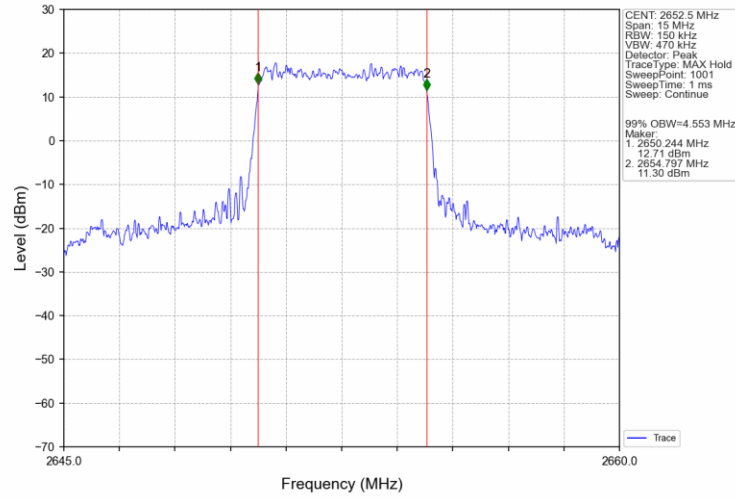
	16QAM	2562.5	75	0	15.210	/	Pass
		2605	75	0	17.963	/	Pass
		2647.5	75	0	18.190	/	Pass
20	QPSK	2565	100	0	21.780	/	Pass
		2605	100	0	20.698	/	Pass
		2645	100	0	21.881	/	Pass
	16QAM	2565	100	0	20.420	/	Pass
		2605	100	0	19.696	/	Pass
		2645	100	0	19.745	/	Pass

4.2 Test Graph

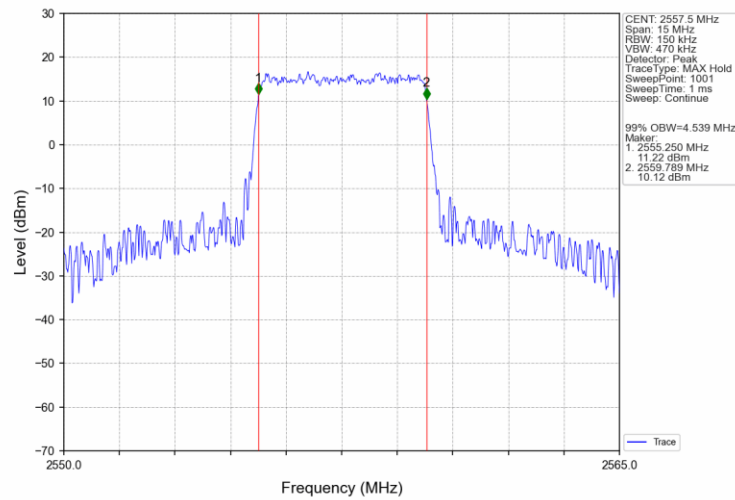
4.2.1 Band41_OBW



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV

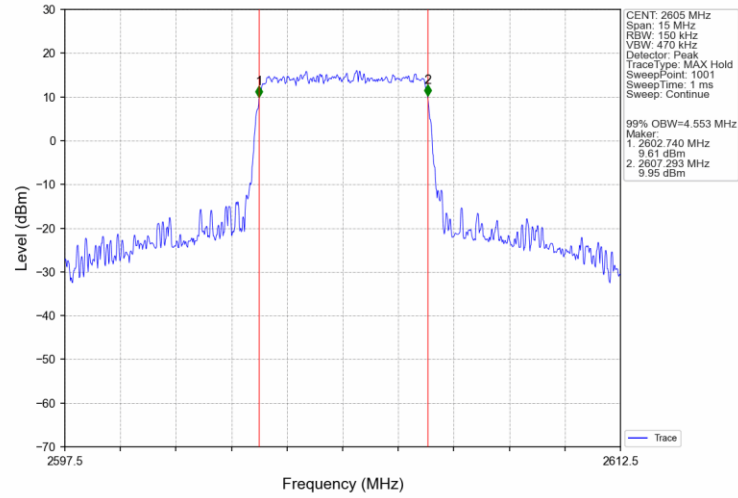


Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV

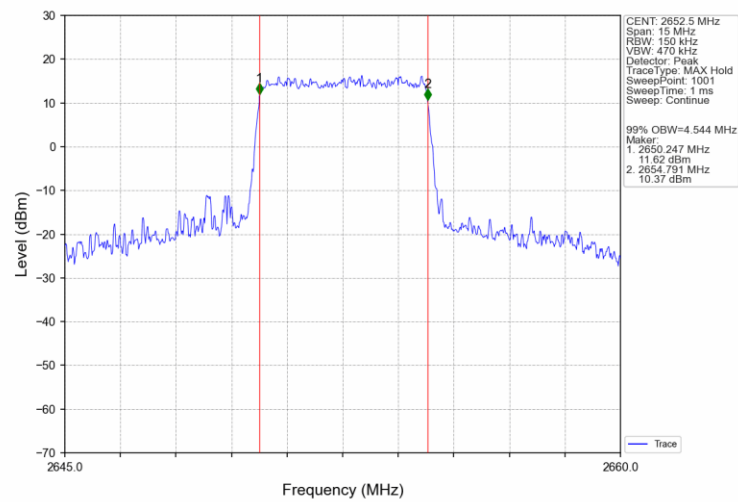




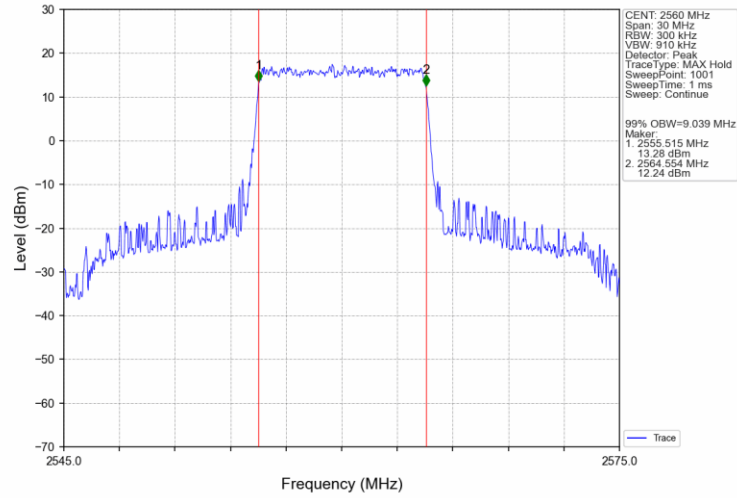
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



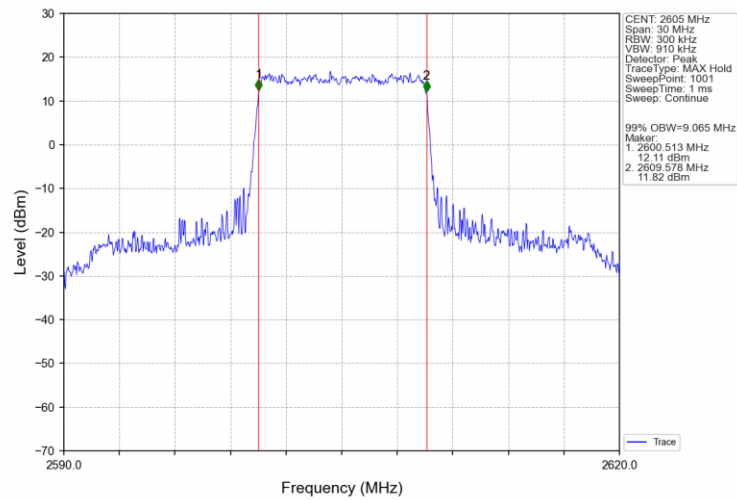
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



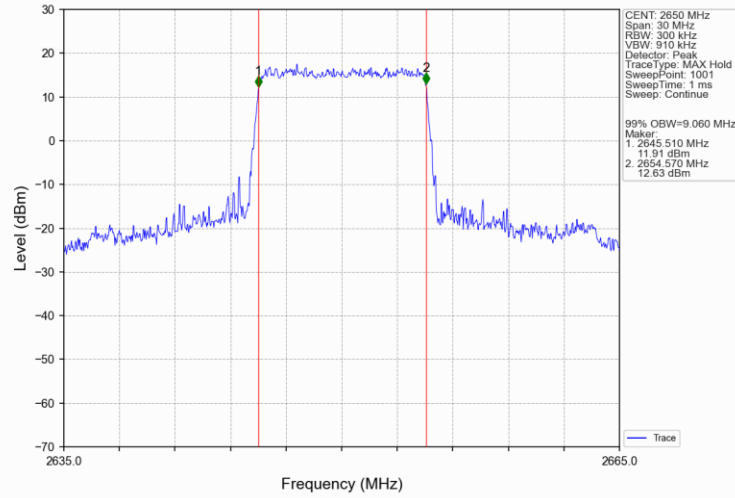
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



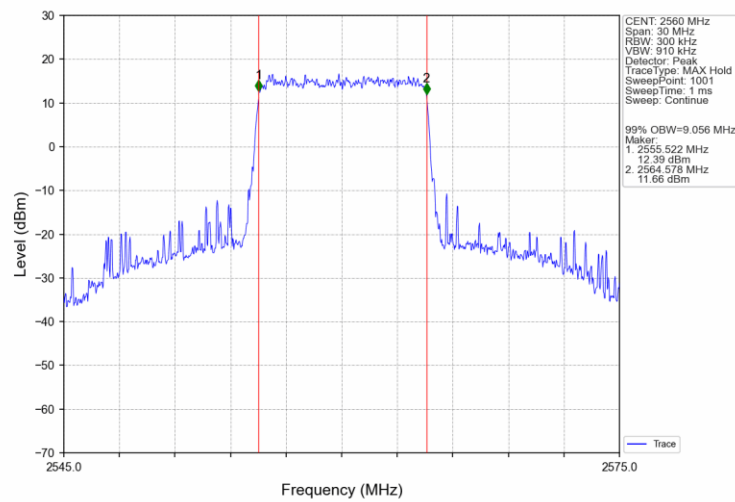
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV

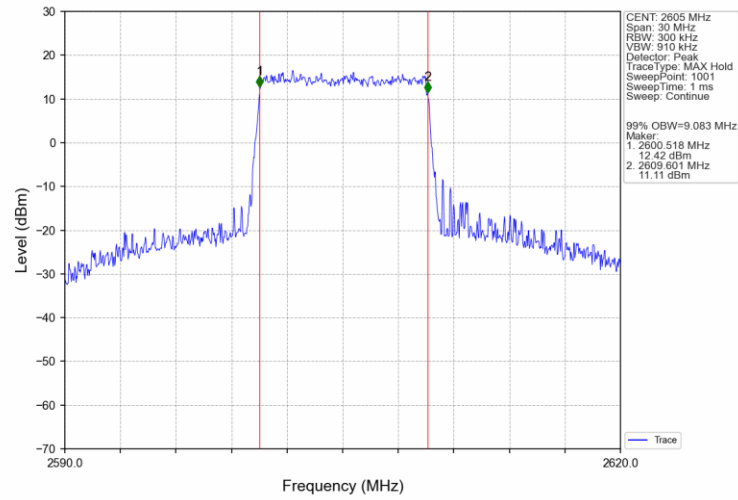


Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV

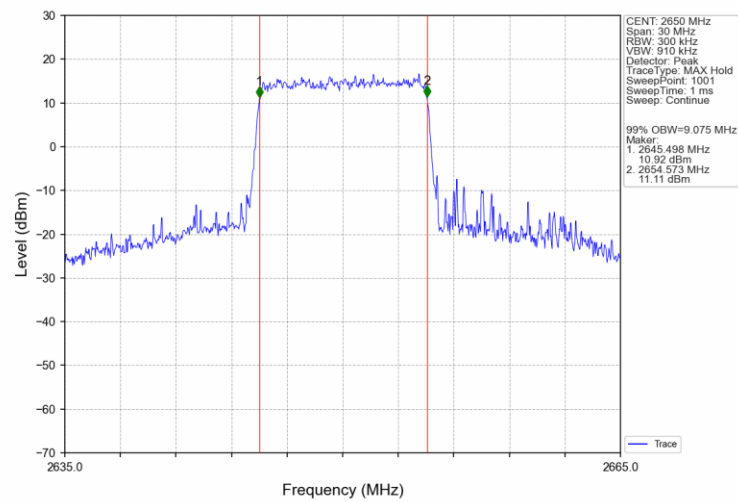




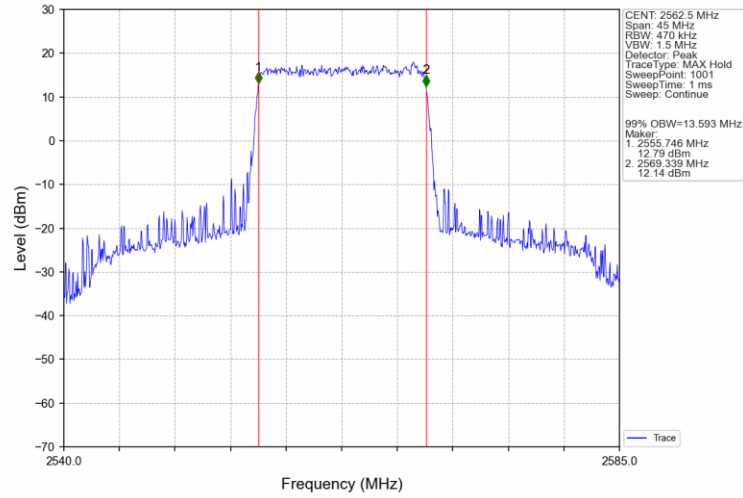
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



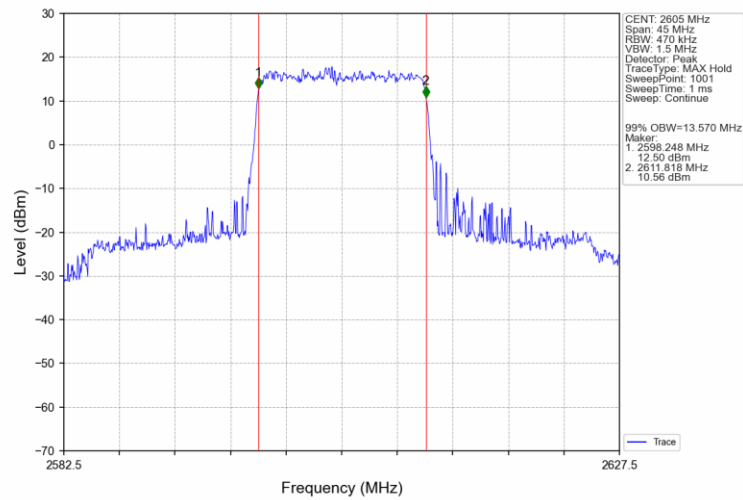
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



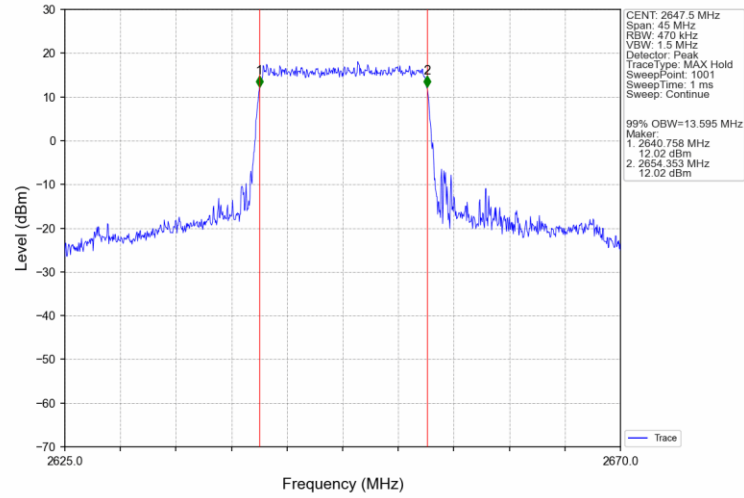
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



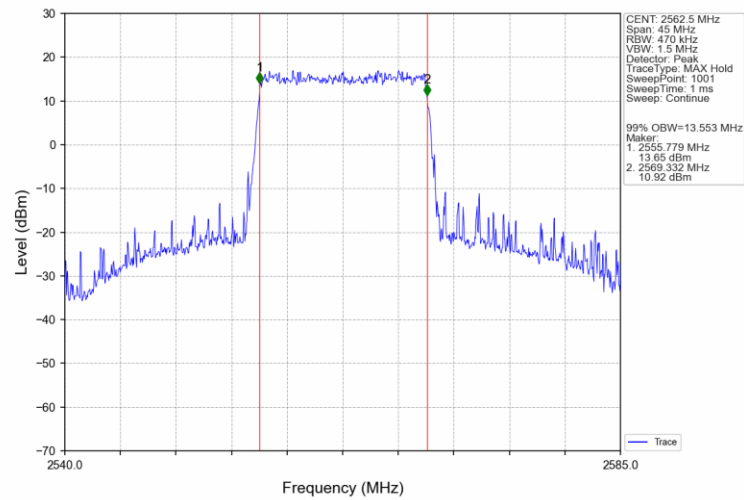
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV

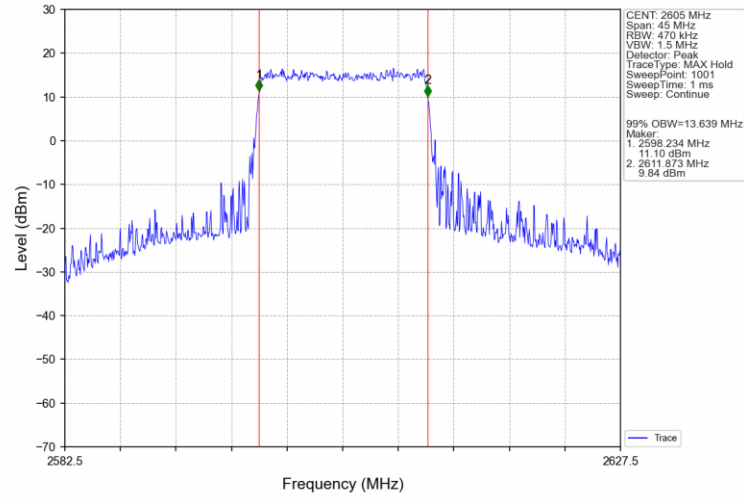


Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV

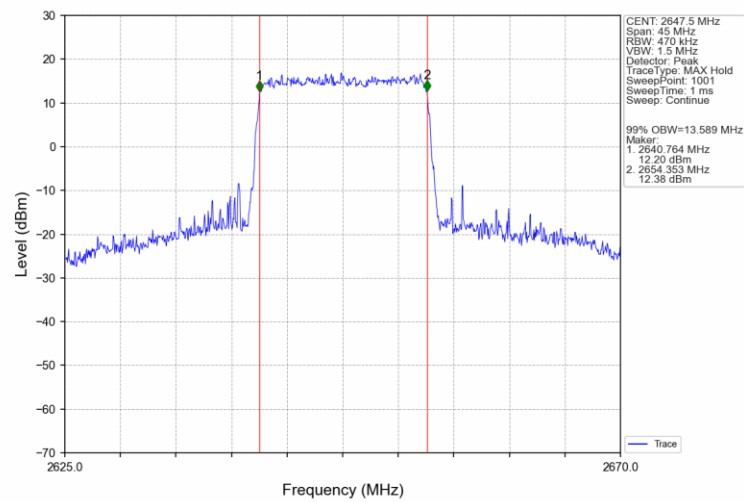




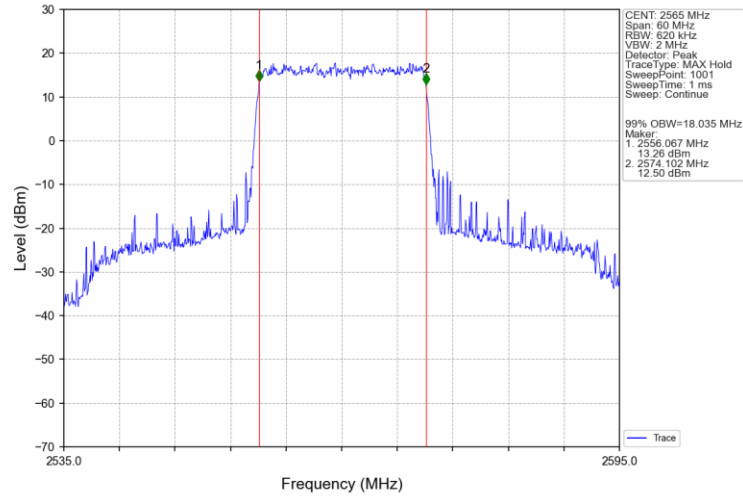
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



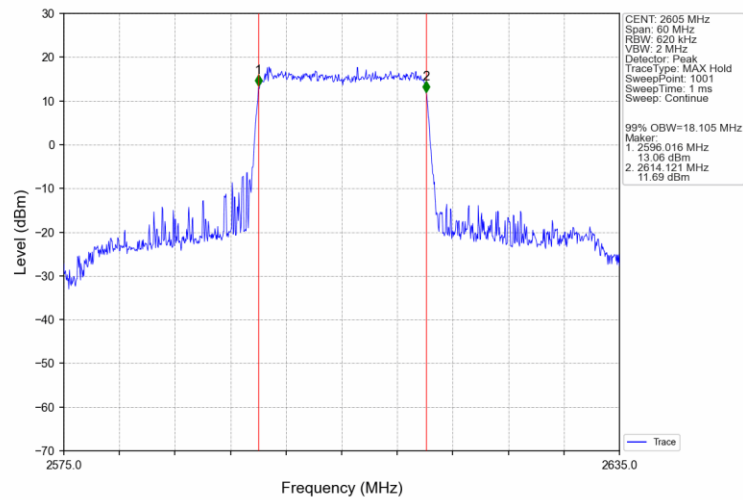
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



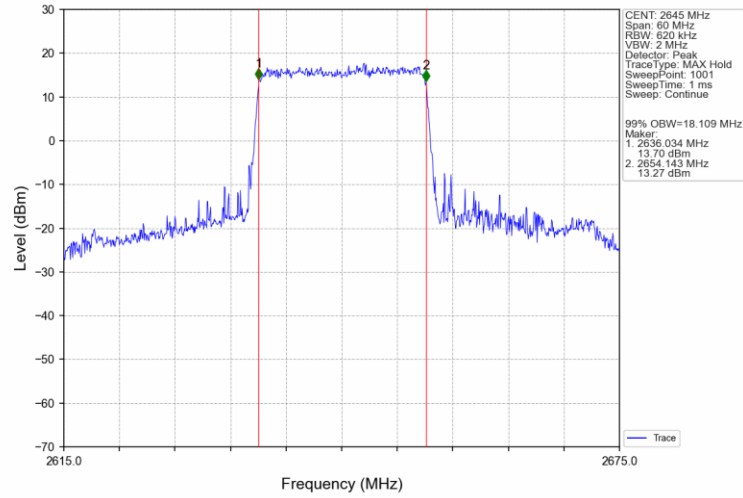
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



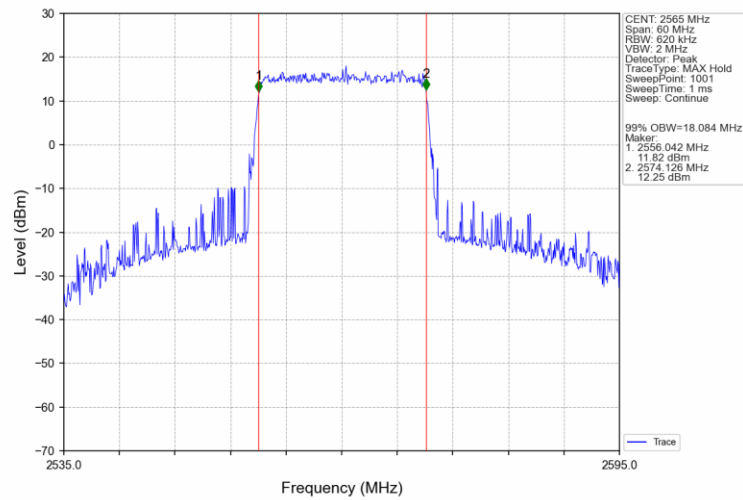
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV

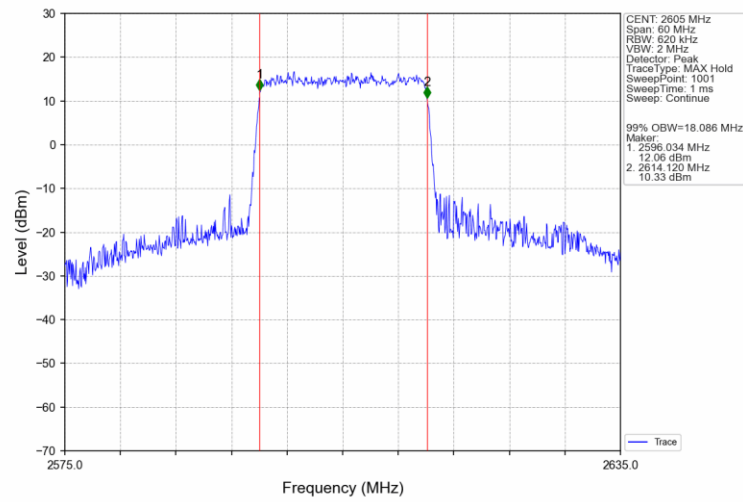


Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV

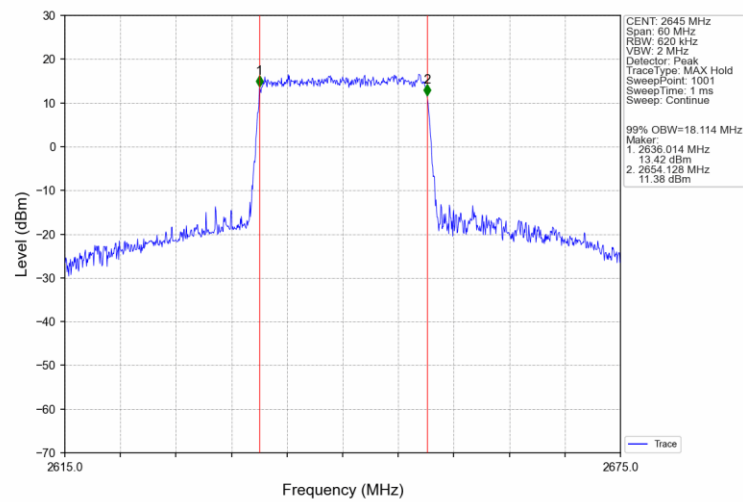




Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV

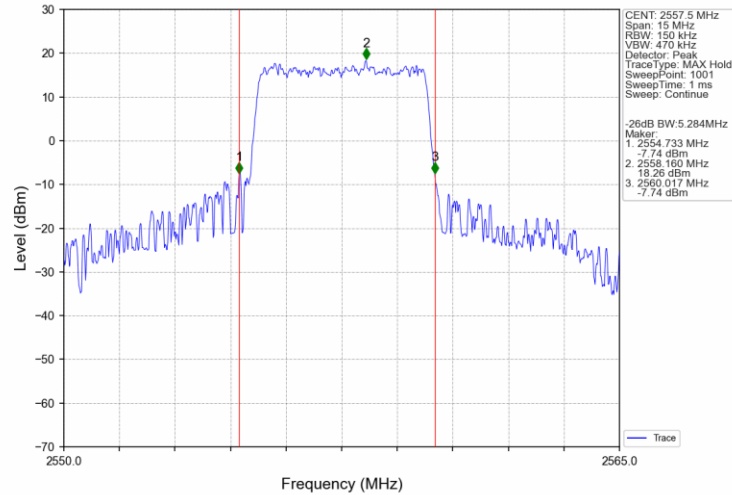


Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV

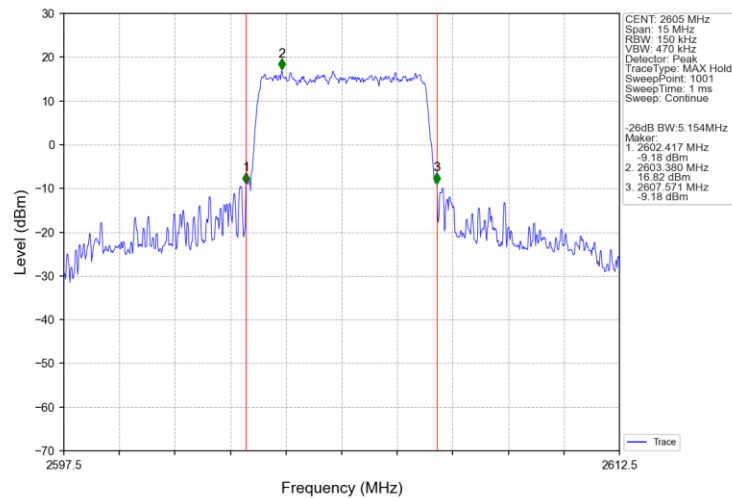


4.2.2 Band41_XDB

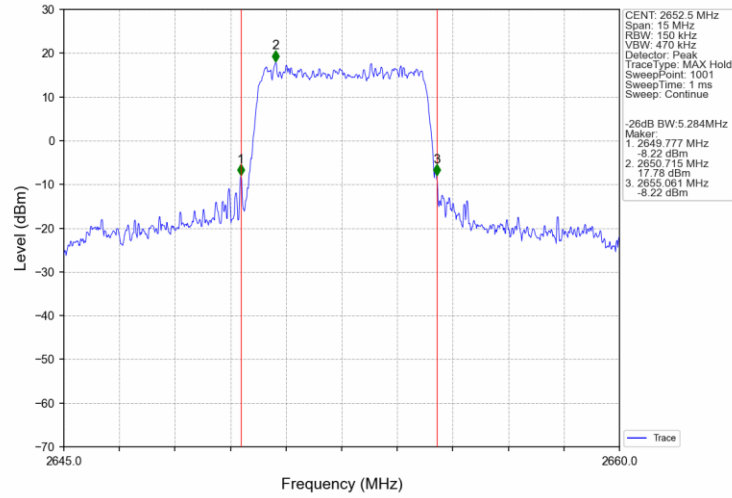
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



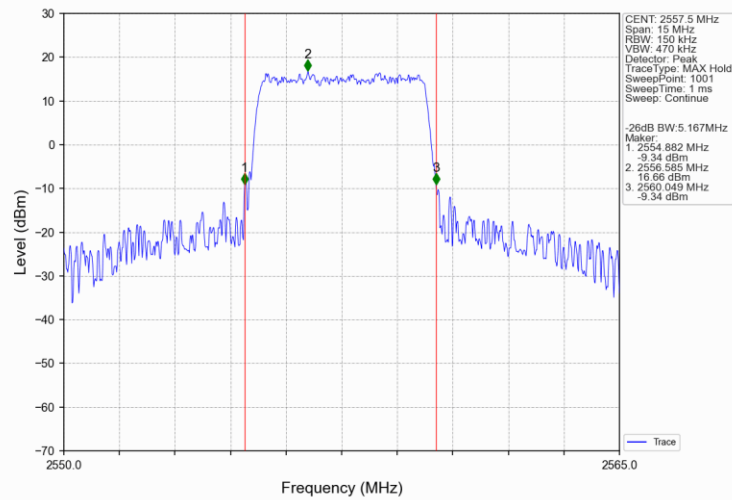
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



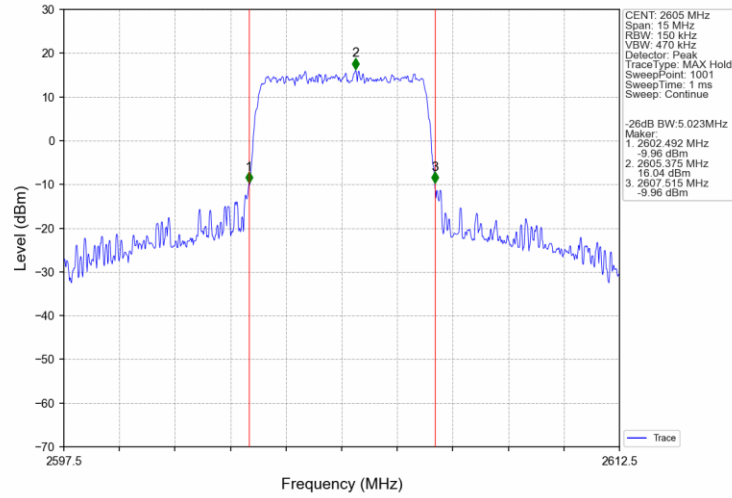
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



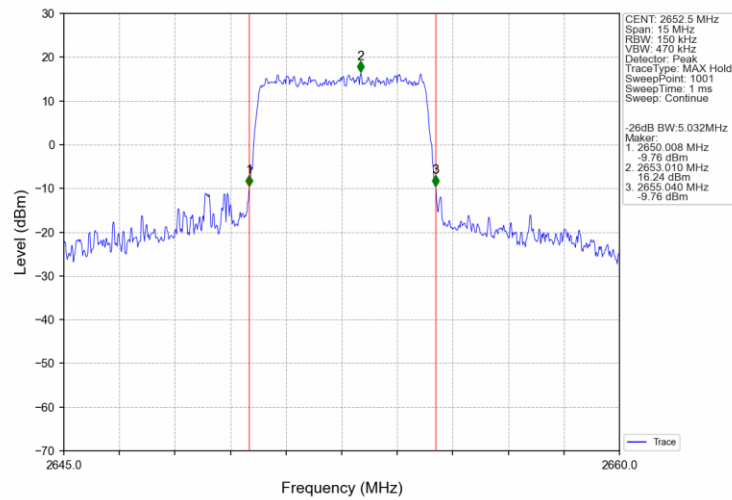
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



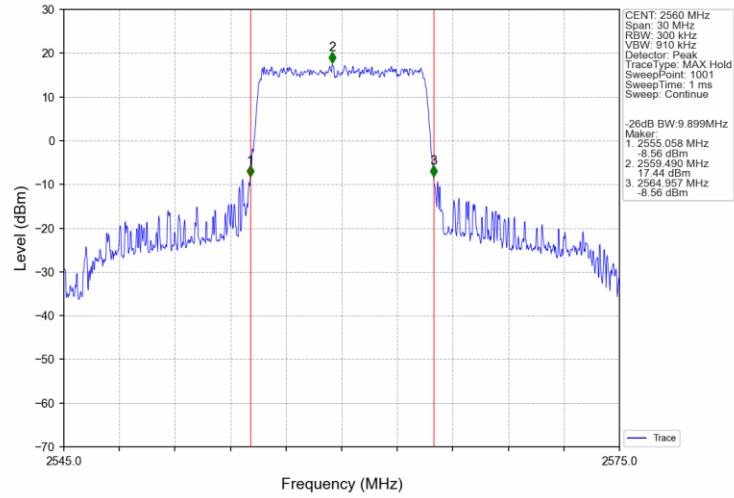
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



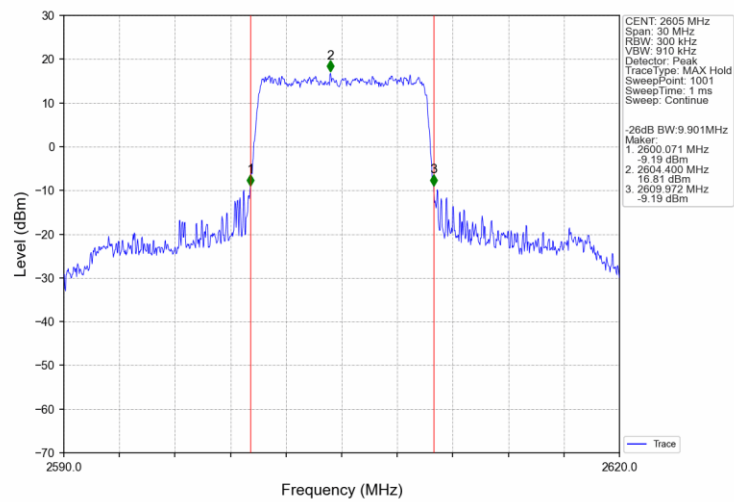
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV

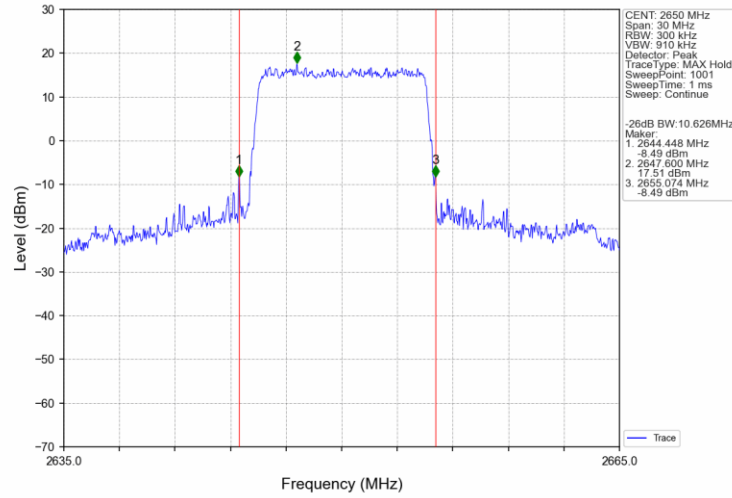


Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV

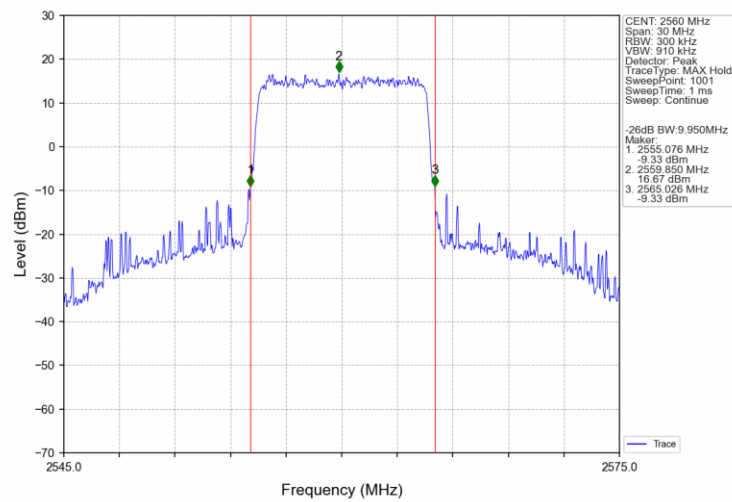




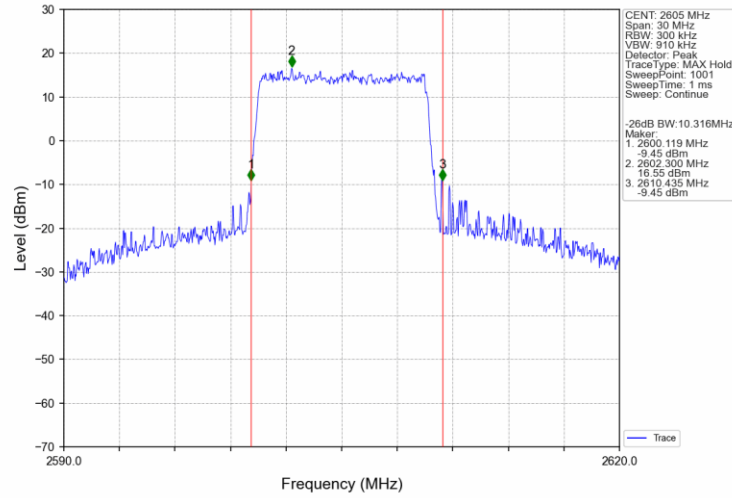
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



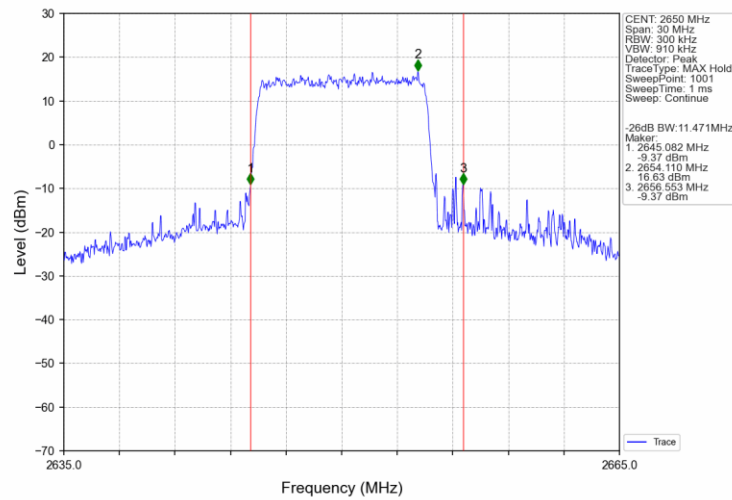
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV

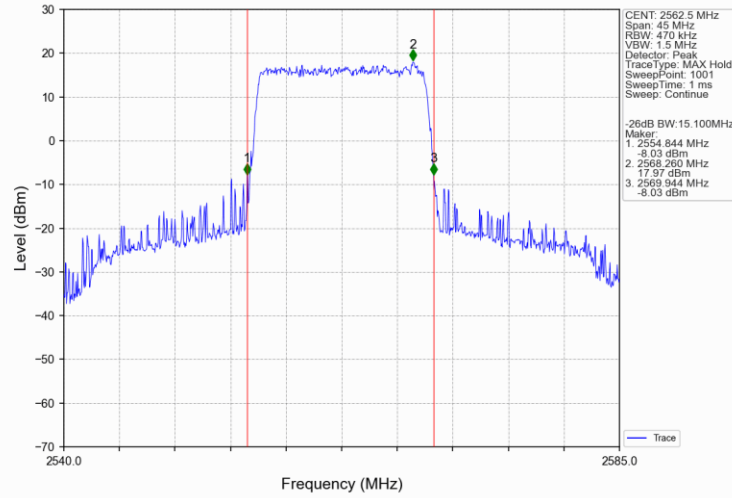


Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

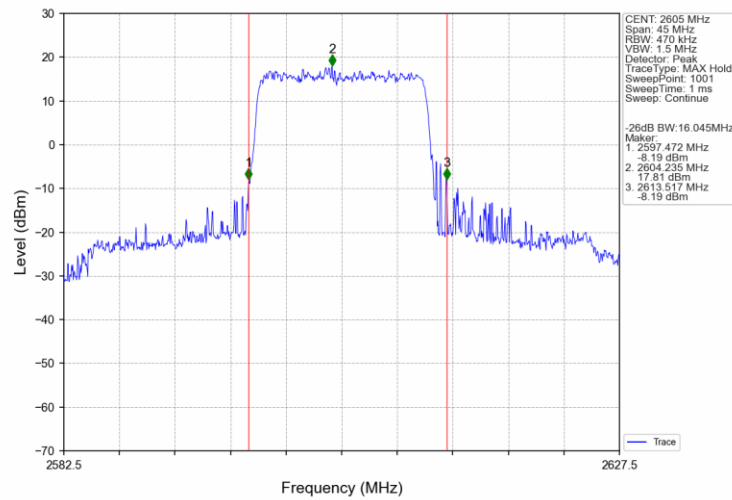




Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV

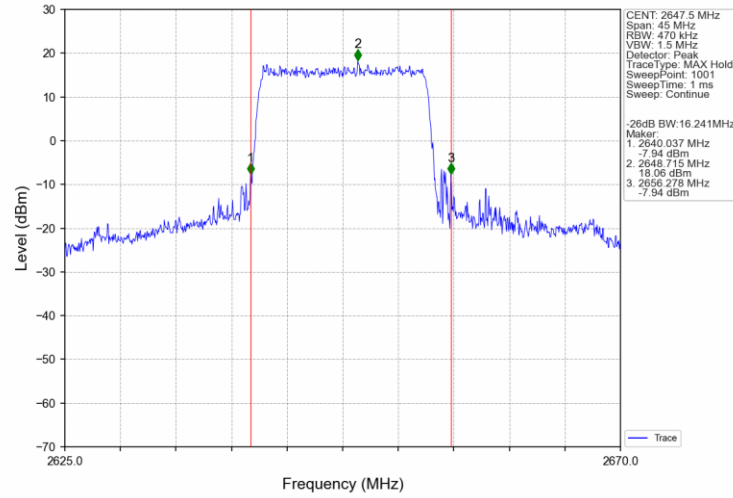


Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV

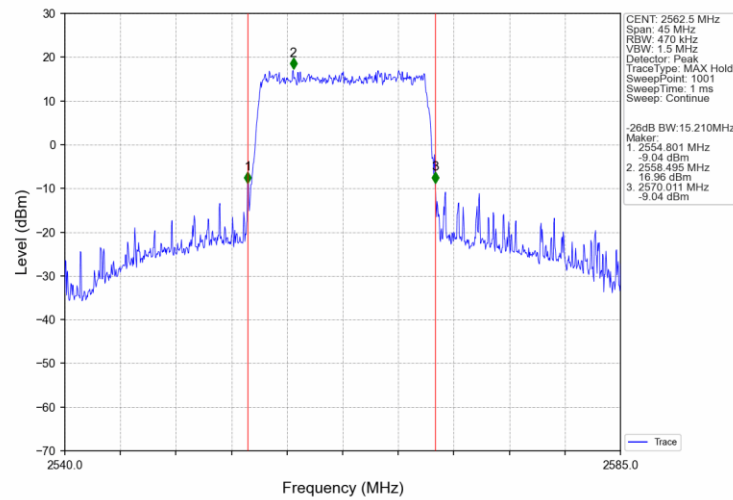




Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV

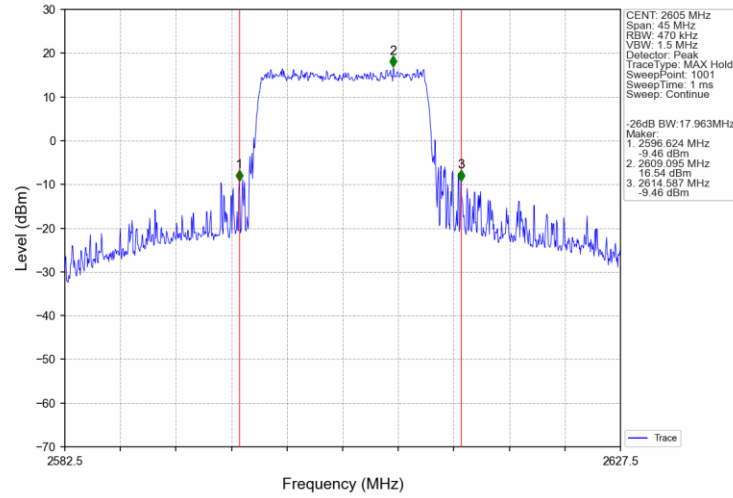


Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV

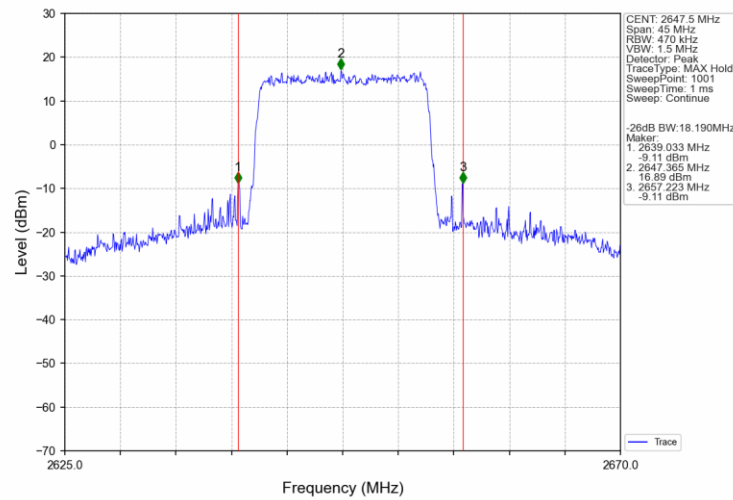




Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV

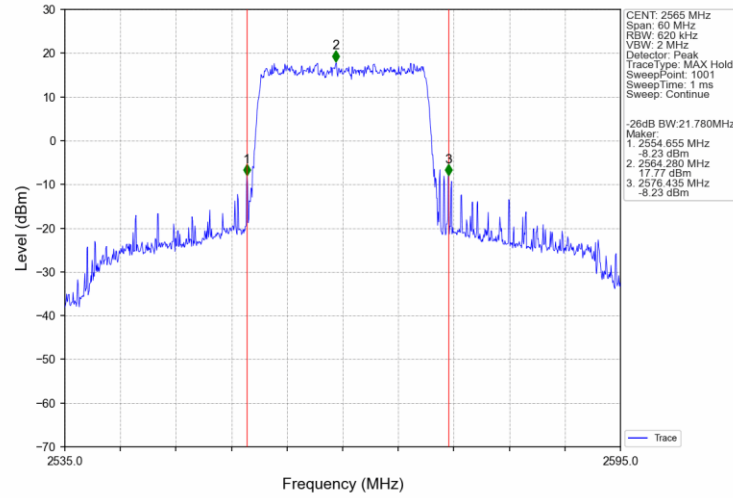


Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV

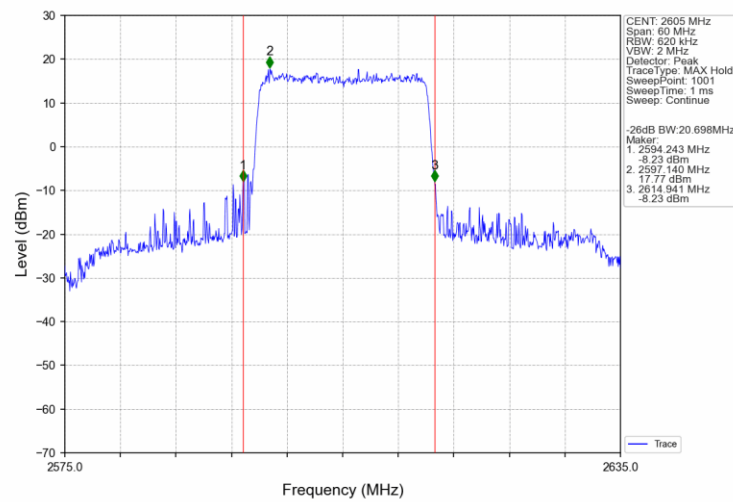




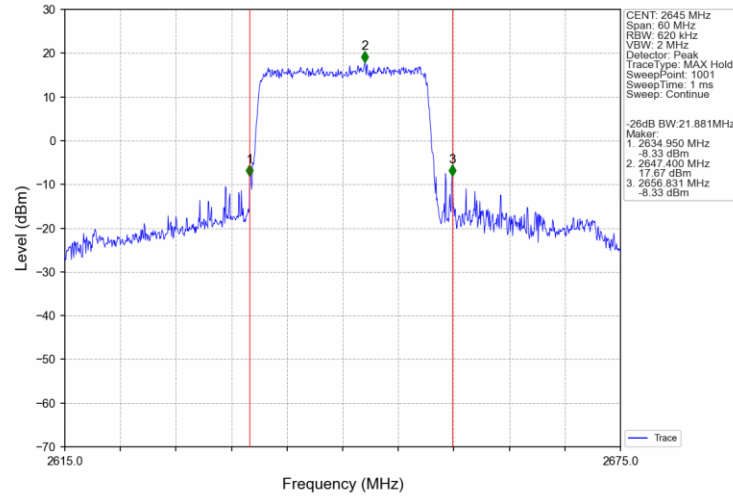
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



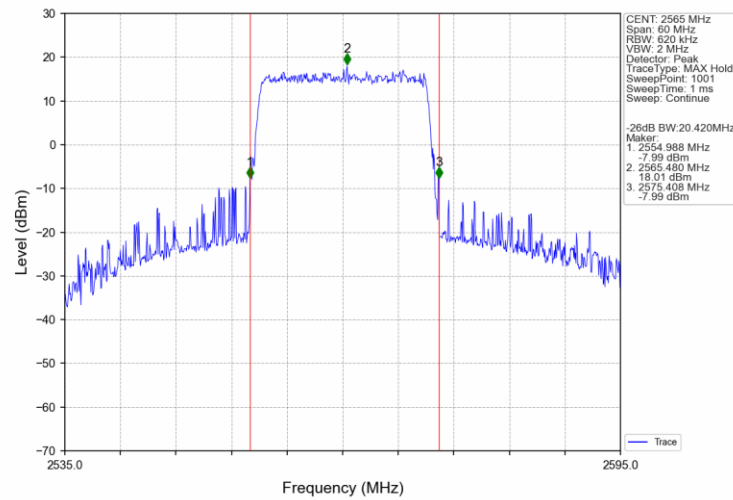
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV

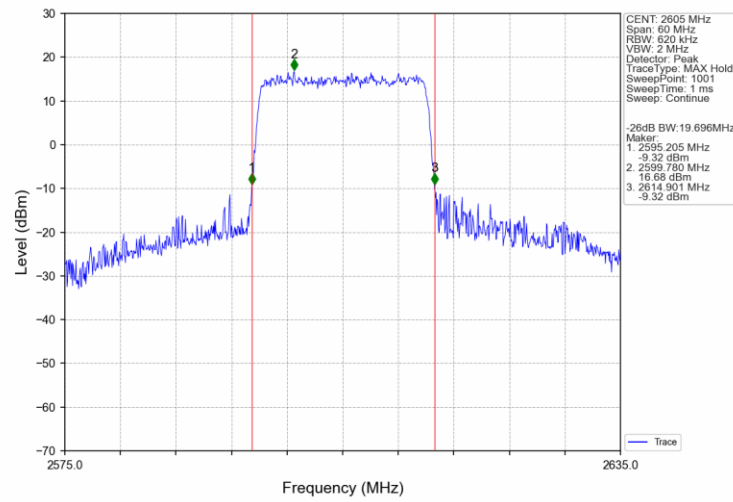


Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV

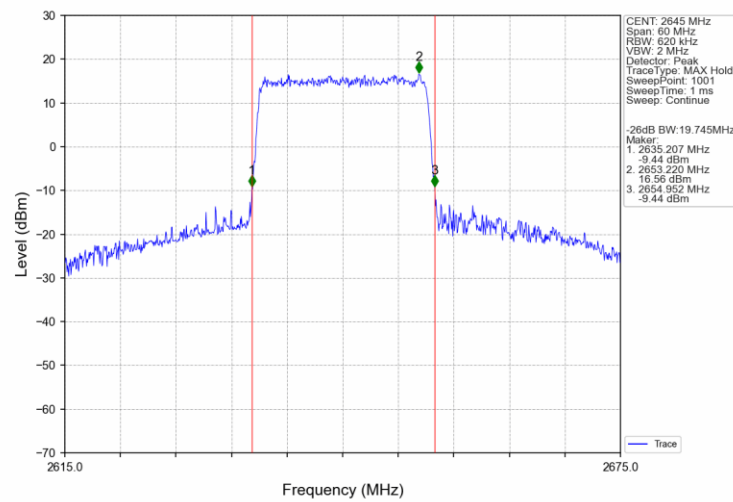




Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



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	7.67	<=13	Pass
	2605	25	0	7.67	<=13	Pass
	2652.5	25	0	7.94	<=13	Pass
16QAM	2557.5	25	0	8.10	<=13	Pass
	2605	25	0	8.28	<=13	Pass
	2652.5	25	0	8.59	<=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	7.53	<=13	Pass
	2605	50	0	7.68	<=13	Pass
	2650	50	0	7.77	<=13	Pass
16QAM	2560	50	0	8.13	<=13	Pass
	2605	50	0	8.24	<=13	Pass
	2650	50	0	8.56	<=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	7.23	<=13	Pass
	2647.5	75	0	7.53	<=13	Pass
16QAM	2562.5	75	0	8.20	<=13	Pass
	2605	75	0	8.13	<=13	Pass
	2647.5	75	0	8.38	<=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	7.76	<=13	Pass
	2605	100	0	7.73	<=13	Pass
	2645	100	0	7.73	<=13	Pass
16QAM	2565	100	0	8.59	<=13	Pass
	2605	100	0	8.50	<=13	Pass
	2645	100	0	8.61	<=13	Pass

