

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	2498.5	1	0	22.70	0.84	23.54	<=33.01	Pass
			13	22.96	0.84	23.80	<=33.01	Pass
			24	22.41	0.84	23.25	<=33.01	Pass
		12	0	21.89	0.84	22.73	<=33.01	Pass
			6	21.87	0.84	22.71	<=33.01	Pass
			13	21.74	0.84	22.58	<=33.01	Pass
		25	0	21.80	0.84	22.64	<=33.01	Pass
	2593	1	0	23.29	0.84	24.13	<=33.01	Pass
			13	23.62	0.84	24.46	<=33.01	Pass
			24	23.18	0.84	24.02	<=33.01	Pass
		12	0	22.54	0.84	23.38	<=33.01	Pass
			6	22.60	0.84	23.44	<=33.01	Pass
			13	22.51	0.84	23.35	<=33.01	Pass
		25	0	22.53	0.84	23.37	<=33.01	Pass
	2687.5	1	0	23.18	0.84	24.02	<=33.01	Pass
			13	23.65	0.84	24.49	<=33.01	Pass
			24	23.11	0.84	23.95	<=33.01	Pass
		12	0	22.55	0.84	23.39	<=33.01	Pass
			6	22.64	0.84	23.48	<=33.01	Pass
			13	22.59	0.84	23.43	<=33.01	Pass
		25	0	22.39	0.84	23.23	<=33.01	Pass
16QAM	2498.5	1	0	21.67	0.84	22.51	<=33.01	Pass
			13	21.98	0.84	22.82	<=33.01	Pass
			24	21.38	0.84	22.22	<=33.01	Pass
		12	0	20.80	0.84	21.64	<=33.01	Pass
			6	20.78	0.84	21.62	<=33.01	Pass
			13	20.65	0.84	21.49	<=33.01	Pass
		25	0	20.78	0.84	21.62	<=33.01	Pass
	2593	1	0	22.30	0.84	23.14	<=33.01	Pass
			13	22.70	0.84	23.54	<=33.01	Pass
			24	22.29	0.84	23.13	<=33.01	Pass
		12	0	21.49	0.84	22.33	<=33.01	Pass
			6	21.54	0.84	22.38	<=33.01	Pass
			13	21.46	0.84	22.30	<=33.01	Pass
		25	0	21.54	0.84	22.38	<=33.01	Pass
	2687.5	1	0	22.23	0.84	23.07	<=33.01	Pass
			13	22.76	0.84	23.60	<=33.01	Pass
			24	22.23	0.84	23.07	<=33.01	Pass
		12	0	21.55	0.84	22.39	<=33.01	Pass
			6	21.63	0.84	22.47	<=33.01	Pass
			13	21.58	0.84	22.42	<=33.01	Pass
		25	0	21.59	0.84	22.43	<=33.01	Pass
64QAM	2498.5	1	0	21.12	0.84	21.96	<=33.01	Pass
			13	21.48	0.84	22.32	<=33.01	Pass
			24	21.12	0.84	21.96	<=33.01	Pass
		12	0	20.79	0.84	21.63	<=33.01	Pass
			6	20.78	0.84	21.62	<=33.01	Pass
			13	20.66	0.84	21.50	<=33.01	Pass
		25	0	20.71	0.84	21.55	<=33.01	Pass

	2593	1	0	22.05	0.84	22.89	<=33.01	Pass
			13	22.43	0.84	23.27	<=33.01	Pass
			24	21.91	0.84	22.75	<=33.01	Pass
		12	0	21.50	0.84	22.34	<=33.01	Pass
			6	21.57	0.84	22.41	<=33.01	Pass
			13	21.49	0.84	22.33	<=33.01	Pass
		25	0	21.41	0.84	22.25	<=33.01	Pass
	2687.5	1	0	21.65	0.84	22.49	<=33.01	Pass
			13	22.00	0.84	22.84	<=33.01	Pass
			24	21.27	0.84	22.11	<=33.01	Pass
		12	0	21.56	0.84	22.40	<=33.01	Pass
			6	21.66	0.84	22.50	<=33.01	Pass
			13	21.61	0.84	22.45	<=33.01	Pass
		25	0	21.55	0.84	22.39	<=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	2501	1	0	22.74	0.84	23.58	<=33.01	Pass
			25	22.63	0.84	23.47	<=33.01	Pass
			49	22.23	0.84	23.07	<=33.01	Pass
		25	0	21.79	0.84	22.63	<=33.01	Pass
			13	21.59	0.84	22.43	<=33.01	Pass
			25	21.30	0.84	22.14	<=33.01	Pass
		50	0	21.57	0.84	22.41	<=33.01	Pass
	2593	1	0	23.21	0.84	24.05	<=33.01	Pass
			25	23.53	0.84	24.37	<=33.01	Pass
			49	23.20	0.84	24.04	<=33.01	Pass
		25	0	22.22	0.84	23.06	<=33.01	Pass
			13	22.53	0.84	23.37	<=33.01	Pass
			25	22.53	0.84	23.37	<=33.01	Pass
		50	0	22.53	0.84	23.37	<=33.01	Pass
	2685	1	0	23.37	0.84	24.21	<=33.01	Pass
			25	23.54	0.84	24.38	<=33.01	Pass
			49	23.23	0.84	24.07	<=33.01	Pass
		25	0	22.55	0.84	23.39	<=33.01	Pass
			13	22.63	0.84	23.47	<=33.01	Pass
			25	22.56	0.84	23.40	<=33.01	Pass
		50	0	22.53	0.84	23.37	<=33.01	Pass
16QAM	2501	1	0	21.79	0.84	22.63	<=33.01	Pass
			25	21.72	0.84	22.56	<=33.01	Pass
			49	21.31	0.84	22.15	<=33.01	Pass
		25	0	20.77	0.84	21.61	<=33.01	Pass
			13	20.58	0.84	21.42	<=33.01	Pass
			25	20.29	0.84	21.13	<=33.01	Pass
		50	0	20.67	0.84	21.51	<=33.01	Pass
	2593	1	0	21.85	0.84	22.69	<=33.01	Pass
			25	22.64	0.84	23.48	<=33.01	Pass
			49	21.98	0.84	22.82	<=33.01	Pass
		25	0	21.21	0.84	22.05	<=33.01	Pass
			13	21.54	0.84	22.38	<=33.01	Pass
			25	21.54	0.84	22.38	<=33.01	Pass
		50	0	21.59	0.84	22.43	<=33.01	Pass
	2685	1	0	22.44	0.84	23.28	<=33.01	Pass

64QAM			25	22.66	0.84	23.50	<=33.01	Pass
			49	22.36	0.84	23.20	<=33.01	Pass
		25	0	21.57	0.84	22.41	<=33.01	Pass
			13	21.66	0.84	22.50	<=33.01	Pass
			25	21.61	0.84	22.45	<=33.01	Pass
		50	0	21.25	0.84	22.09	<=33.01	Pass
			25	21.45	0.84	22.29	<=33.01	Pass
	2501	1	25	21.35	0.84	22.19	<=33.01	Pass
			49	20.96	0.84	21.80	<=33.01	Pass
			0	20.73	0.84	21.57	<=33.01	Pass
		25	13	20.51	0.84	21.35	<=33.01	Pass
			25	20.24	0.84	21.08	<=33.01	Pass
			0	20.62	0.84	21.46	<=33.01	Pass
		1	0	21.68	0.84	22.52	<=33.01	Pass
			25	22.32	0.84	23.16	<=33.01	Pass
			49	21.59	0.84	22.43	<=33.01	Pass
		25	0	21.16	0.84	22.00	<=33.01	Pass
			13	21.48	0.84	22.32	<=33.01	Pass
			25	21.49	0.84	22.33	<=33.01	Pass
		50	0	21.53	0.84	22.37	<=33.01	Pass
			0	22.08	0.84	22.92	<=33.01	Pass
			25	22.25	0.84	23.09	<=33.01	Pass
		1	49	21.89	0.84	22.73	<=33.01	Pass
			0	21.53	0.84	22.37	<=33.01	Pass
			13	21.61	0.84	22.45	<=33.01	Pass
		25	25	21.56	0.84	22.40	<=33.01	Pass
			0	21.53	0.84	22.37	<=33.01	Pass
			25	21.53	0.84	22.37	<=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	2503.5	1	0	22.47	0.84	23.31	<=33.01	Pass
			38	22.52	0.84	23.36	<=33.01	Pass
			74	21.81	0.84	22.65	<=33.01	Pass
		36	0	21.57	0.84	22.41	<=33.01	Pass
			18	21.37	0.84	22.21	<=33.01	Pass
			39	21.02	0.84	21.86	<=33.01	Pass
		75	0	21.19	0.84	22.03	<=33.01	Pass
			0	22.82	0.84	23.66	<=33.01	Pass
			38	23.47	0.84	24.31	<=33.01	Pass
	2593	1	74	23.05	0.84	23.89	<=33.01	Pass
			0	22.11	0.84	22.95	<=33.01	Pass
			18	22.52	0.84	23.36	<=33.01	Pass
		36	39	22.17	0.84	23.01	<=33.01	Pass
			0	22.10	0.84	22.94	<=33.01	Pass
			0	23.17	0.84	24.01	<=33.01	Pass
		1	38	23.48	0.84	24.32	<=33.01	Pass
			74	23.10	0.84	23.94	<=33.01	Pass
			0	22.50	0.84	23.34	<=33.01	Pass
	2682.5	36	18	22.55	0.84	23.39	<=33.01	Pass
			39	22.49	0.84	23.33	<=33.01	Pass
			0	22.47	0.84	23.31	<=33.01	Pass
16QAM	2503.5	1	0	21.48	0.84	22.32	<=33.01	Pass
			38	21.62	0.84	22.46	<=33.01	Pass

		36	74	20.92	0.84	21.76	<=33.01	Pass	
			0	20.53	0.84	21.37	<=33.01	Pass	
			18	20.33	0.84	21.17	<=33.01	Pass	
			39	19.98	0.84	20.82	<=33.01	Pass	
		75	0	20.21	0.84	21.05	<=33.01	Pass	
	2593	1	0	21.98	0.84	22.82	<=33.01	Pass	
			38	22.57	0.84	23.41	<=33.01	Pass	
			74	21.72	0.84	22.56	<=33.01	Pass	
		36	0	21.06	0.84	21.90	<=33.01	Pass	
			18	21.47	0.84	22.31	<=33.01	Pass	
			39	21.15	0.84	21.99	<=33.01	Pass	
		75	0	21.13	0.84	21.97	<=33.01	Pass	
		2682.5	1	0	22.24	0.84	23.08	<=33.01	Pass
	38			22.61	0.84	23.45	<=33.01	Pass	
	74			22.25	0.84	23.09	<=33.01	Pass	
	36		0	21.35	0.84	22.19	<=33.01	Pass	
			18	21.30	0.84	22.14	<=33.01	Pass	
			39	21.50	0.84	22.34	<=33.01	Pass	
	75		0	21.52	0.84	22.36	<=33.01	Pass	
	64QAM	2503.5	1	0	21.20	0.84	22.04	<=33.01	Pass
				38	21.25	0.84	22.09	<=33.01	Pass
				74	20.41	0.84	21.25	<=33.01	Pass
			36	0	20.57	0.84	21.41	<=33.01	Pass
				18	20.35	0.84	21.19	<=33.01	Pass
39				20.01	0.84	20.85	<=33.01	Pass	
75			0	20.21	0.84	21.05	<=33.01	Pass	
2593		1	0	21.51	0.84	22.35	<=33.01	Pass	
			38	22.28	0.84	23.12	<=33.01	Pass	
			74	21.54	0.84	22.38	<=33.01	Pass	
		36	0	21.08	0.84	21.92	<=33.01	Pass	
			18	21.50	0.84	22.34	<=33.01	Pass	
			39	21.16	0.84	22.00	<=33.01	Pass	
		75	0	21.12	0.84	21.96	<=33.01	Pass	
2682.5		1	0	21.86	0.84	22.70	<=33.01	Pass	
			38	22.18	0.84	23.02	<=33.01	Pass	
			74	21.76	0.84	22.60	<=33.01	Pass	
		36	0	21.50	0.84	22.34	<=33.01	Pass	
			18	21.45	0.84	22.29	<=33.01	Pass	
			39	21.51	0.84	22.35	<=33.01	Pass	
		75	0	21.52	0.84	22.36	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	21.98	0.84	22.82	<=33.01	Pass
			50	22.49	0.84	23.33	<=33.01	Pass
			99	22.11	0.84	22.95	<=33.01	Pass
		50	0	21.33	0.84	22.17	<=33.01	Pass
			25	21.27	0.84	22.11	<=33.01	Pass
			50	20.78	0.84	21.62	<=33.01	Pass
		100	0	20.94	0.84	21.78	<=33.01	Pass
	2593	1	0	22.48	0.84	23.32	<=33.01	Pass
			50	23.60	0.84	24.44	<=33.01	Pass
			99	23.13	0.84	23.97	<=33.01	Pass

		50	0	22.01	0.84	22.85	<=33.01	Pass		
			25	22.50	0.84	23.34	<=33.01	Pass		
			50	22.08	0.84	22.92	<=33.01	Pass		
		100	0	22.00	0.84	22.84	<=33.01	Pass		
			1	0	22.72	0.84	23.56	<=33.01	Pass	
				50	23.64	0.84	24.48	<=33.01	Pass	
		99		23.23	0.84	24.07	<=33.01	Pass		
		2680	50	0	22.36	0.84	23.20	<=33.01	Pass	
				25	22.57	0.84	23.41	<=33.01	Pass	
	50			22.36	0.84	23.20	<=33.01	Pass		
	100		0	22.42	0.84	23.26	<=33.01	Pass		
	16QAM		2506	1	0	21.03	0.84	21.87	<=33.01	Pass
50		21.47			0.84	22.31	<=33.01	Pass		
99		21.19			0.84	22.03	<=33.01	Pass		
50		0		20.35	0.84	21.19	<=33.01	Pass		
		25		20.29	0.84	21.13	<=33.01	Pass		
		50		19.79	0.84	20.63	<=33.01	Pass		
100		0		19.93	0.84	20.77	<=33.01	Pass		
2593		1		0	21.52	0.84	22.36	<=33.01	Pass	
				50	22.70	0.84	23.54	<=33.01	Pass	
			99	22.23	0.84	23.07	<=33.01	Pass		
		50	0	21.03	0.84	21.87	<=33.01	Pass		
			25	21.53	0.84	22.37	<=33.01	Pass		
			50	21.11	0.84	21.95	<=33.01	Pass		
		100	0	21.03	0.84	21.87	<=33.01	Pass		
		2680	1	0	21.78	0.84	22.62	<=33.01	Pass	
				50	22.77	0.84	23.61	<=33.01	Pass	
99				22.11	0.84	22.95	<=33.01	Pass		
50			0	21.41	0.84	22.25	<=33.01	Pass		
			25	21.63	0.84	22.47	<=33.01	Pass		
			50	21.41	0.84	22.25	<=33.01	Pass		
100			0	21.48	0.84	22.32	<=33.01	Pass		
64QAM			2506	1	0	20.67	0.84	21.51	<=33.01	Pass
					50	21.30	0.84	22.14	<=33.01	Pass
		99			20.73	0.84	21.57	<=33.01	Pass	
		50		0	20.30	0.84	21.14	<=33.01	Pass	
				25	20.24	0.84	21.08	<=33.01	Pass	
				50	19.74	0.84	20.58	<=33.01	Pass	
	100	0		19.97	0.84	20.81	<=33.01	Pass		
	2593	1		0	20.81	0.84	21.65	<=33.01	Pass	
				50	22.40	0.84	23.24	<=33.01	Pass	
			99	21.63	0.84	22.47	<=33.01	Pass		
		50	0	20.48	0.84	21.32	<=33.01	Pass		
			25	21.48	0.84	22.32	<=33.01	Pass		
			50	21.06	0.84	21.90	<=33.01	Pass		
	100	0	21.06	0.84	21.90	<=33.01	Pass			
	2680	1	0	21.31	0.84	22.15	<=33.01	Pass		
			50	22.15	0.84	22.99	<=33.01	Pass		
			99	22.07	0.84	22.91	<=33.01	Pass		
		50	0	21.36	0.84	22.20	<=33.01	Pass		
			25	21.57	0.84	22.41	<=33.01	Pass		
			50	21.36	0.84	22.20	<=33.01	Pass		
		100	0	21.51	0.84	22.35	<=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	2498.5	25	0	20	20.4	5.800	0.0023	-2.5 to 2.5	Pass
					24	0.900	0.0004	-2.5 to 2.5	Pass
					27.6	9.100	0.0036	-2.5 to 2.5	Pass
				-30	24	4.000	0.0016	-2.5 to 2.5	Pass
				-20	24	-2.900	-0.0012	-2.5 to 2.5	Pass
				-10	24	0.400	0.0002	-2.5 to 2.5	Pass
				0	24	8.300	0.0033	-2.5 to 2.5	Pass
				10	24	6.000	0.0024	-2.5 to 2.5	Pass
				30	24	5.400	0.0022	-2.5 to 2.5	Pass
				40	24	7.000	0.0028	-2.5 to 2.5	Pass
				50	24	-0.400	-0.0002	-2.5 to 2.5	Pass
	2593	25	0	20	20.4	-5.600	-0.0022	-2.5 to 2.5	Pass
					24	1.700	0.0007	-2.5 to 2.5	Pass
					27.6	3.700	0.0014	-2.5 to 2.5	Pass
				-30	24	7.400	0.0029	-2.5 to 2.5	Pass
				-20	24	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	24	5.600	0.0022	-2.5 to 2.5	Pass
				0	24	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	24	0.100	0.0000	-2.5 to 2.5	Pass
				30	24	5.700	0.0022	-2.5 to 2.5	Pass
				40	24	8.300	0.0032	-2.5 to 2.5	Pass
				50	24	2.800	0.0011	-2.5 to 2.5	Pass
	2687.5	25	0	20	20.4	-0.900	-0.0003	-2.5 to 2.5	Pass
					24	7.200	0.0027	-2.5 to 2.5	Pass
					27.6	-2.000	-0.0007	-2.5 to 2.5	Pass
				-30	24	1.600	0.0006	-2.5 to 2.5	Pass
				-20	24	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	24	0.600	0.0002	-2.5 to 2.5	Pass
				0	24	4.100	0.0015	-2.5 to 2.5	Pass
				10	24	5.100	0.0019	-2.5 to 2.5	Pass
				30	24	9.300	0.0035	-2.5 to 2.5	Pass
				40	24	2.800	0.0010	-2.5 to 2.5	Pass
				50	24	7.900	0.0029	-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	2501	50	0	20	20.4	5.600	0.0022	-2.5 to 2.5	Pass
					24	5.700	0.0023	-2.5 to 2.5	Pass
					27.6	5.300	0.0021	-2.5 to 2.5	Pass
				-30	24	3.700	0.0015	-2.5 to 2.5	Pass
				-20	24	3.000	0.0012	-2.5 to 2.5	Pass
				-10	24	6.100	0.0024	-2.5 to 2.5	Pass
				0	24	4.100	0.0016	-2.5 to 2.5	Pass
				10	24	7.700	0.0031	-2.5 to 2.5	Pass

				30	24	7.600	0.0030	-2.5 to 2.5	Pass
				40	24	3.700	0.0015	-2.5 to 2.5	Pass
				50	24	12.300	0.0049	-2.5 to 2.5	Pass
	2593	50	0	20	20.4	4.700	0.0018	-2.5 to 2.5	Pass
					24	0.900	0.0003	-2.5 to 2.5	Pass
					27.6	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	24	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	24	1.200	0.0005	-2.5 to 2.5	Pass
				-10	24	3.600	0.0014	-2.5 to 2.5	Pass
				0	24	3.900	0.0015	-2.5 to 2.5	Pass
				10	24	1.600	0.0006	-2.5 to 2.5	Pass
				30	24	1.500	0.0006	-2.5 to 2.5	Pass
				40	24	4.100	0.0016	-2.5 to 2.5	Pass
				50	24	4.300	0.0017	-2.5 to 2.5	Pass
	2685	50	0	20	20.4	-4.400	-0.0016	-2.5 to 2.5	Pass
					24	-6.900	-0.0026	-2.5 to 2.5	Pass
					27.6	3.100	0.0012	-2.5 to 2.5	Pass
				-30	24	-3.300	-0.0012	-2.5 to 2.5	Pass
				-20	24	2.900	0.0011	-2.5 to 2.5	Pass
				-10	24	1.000	0.0004	-2.5 to 2.5	Pass
				0	24	1.800	0.0007	-2.5 to 2.5	Pass
				10	24	3.100	0.0012	-2.5 to 2.5	Pass
				30	24	-4.800	-0.0018	-2.5 to 2.5	Pass
				40	24	-1.100	-0.0004	-2.5 to 2.5	Pass
				50	24	0.900	0.0003	-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	2503.5	75	0	20	20.4	3.200	0.0013	-2.5 to 2.5	Pass
					24	1.000	0.0004	-2.5 to 2.5	Pass
					27.6	8.700	0.0035	-2.5 to 2.5	Pass
				-30	24	-2.600	-0.0010	-2.5 to 2.5	Pass
				-20	24	-4.000	-0.0016	-2.5 to 2.5	Pass
				-10	24	-6.200	-0.0025	-2.5 to 2.5	Pass
				0	24	-1.100	-0.0004	-2.5 to 2.5	Pass
				10	24	1.700	0.0007	-2.5 to 2.5	Pass
				30	24	-2.000	-0.0008	-2.5 to 2.5	Pass
				40	24	-5.100	-0.0020	-2.5 to 2.5	Pass
				50	24	-1.500	-0.0006	-2.5 to 2.5	Pass
	2593	75	0	20	20.4	0.500	0.0002	-2.5 to 2.5	Pass
					24	-1.400	-0.0005	-2.5 to 2.5	Pass
					27.6	-1.000	-0.0004	-2.5 to 2.5	Pass
				-30	24	-2.000	-0.0008	-2.5 to 2.5	Pass
				-20	24	5.700	0.0022	-2.5 to 2.5	Pass
				-10	24	-0.500	-0.0002	-2.5 to 2.5	Pass
				0	24	-2.600	-0.0010	-2.5 to 2.5	Pass
				10	24	1.400	0.0005	-2.5 to 2.5	Pass
				30	24	2.500	0.0010	-2.5 to 2.5	Pass
				40	24	-2.700	-0.0010	-2.5 to 2.5	Pass
				50	24	1.800	0.0007	-2.5 to 2.5	Pass
	2682.5	75	0	20	20.4	4.500	0.0017	-2.5 to 2.5	Pass
					24	4.000	0.0015	-2.5 to 2.5	Pass
					27.6	1.600	0.0006	-2.5 to 2.5	Pass
				-30	24	4.400	0.0016	-2.5 to 2.5	Pass

				-20	24	9.300	0.0035	-2.5 to 2.5	Pass
				-10	24	4.500	0.0017	-2.5 to 2.5	Pass
				0	24	7.100	0.0026	-2.5 to 2.5	Pass
				10	24	6.700	0.0025	-2.5 to 2.5	Pass
				30	24	-0.800	-0.0003	-2.5 to 2.5	Pass
				40	24	9.900	0.0037	-2.5 to 2.5	Pass
				50	24	2.400	0.0009	-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	2506	100	0	20	20.4	-0.700	-0.0003	-2.5 to 2.5	Pass
					24	0.000	0.0000	-2.5 to 2.5	Pass
					27.6	-0.700	-0.0003	-2.5 to 2.5	Pass
				-30	24	6.600	0.0026	-2.5 to 2.5	Pass
				-20	24	-0.800	-0.0003	-2.5 to 2.5	Pass
				-10	24	0.000	0.0000	-2.5 to 2.5	Pass
				0	24	1.100	0.0004	-2.5 to 2.5	Pass
				10	24	0.100	0.0000	-2.5 to 2.5	Pass
				30	24	0.700	0.0003	-2.5 to 2.5	Pass
				40	24	4.600	0.0018	-2.5 to 2.5	Pass
				50	24	-0.200	-0.0001	-2.5 to 2.5	Pass
	2593	100	0	20	20.4	2.300	0.0009	-2.5 to 2.5	Pass
					24	2.300	0.0009	-2.5 to 2.5	Pass
					27.6	1.600	0.0006	-2.5 to 2.5	Pass
				-30	24	4.400	0.0017	-2.5 to 2.5	Pass
				-20	24	-5.000	-0.0019	-2.5 to 2.5	Pass
				-10	24	3.500	0.0013	-2.5 to 2.5	Pass
				0	24	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	24	-1.000	-0.0004	-2.5 to 2.5	Pass
				30	24	-0.900	-0.0003	-2.5 to 2.5	Pass
				40	24	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	24	-4.000	-0.0015	-2.5 to 2.5	Pass
	2680	100	0	20	20.4	6.400	0.0024	-2.5 to 2.5	Pass
					24	6.300	0.0024	-2.5 to 2.5	Pass
					27.6	8.500	0.0032	-2.5 to 2.5	Pass
				-30	24	2.800	0.0010	-2.5 to 2.5	Pass
				-20	24	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	24	5.400	0.0020	-2.5 to 2.5	Pass
				0	24	6.900	0.0026	-2.5 to 2.5	Pass
				10	24	0.400	0.0001	-2.5 to 2.5	Pass
				30	24	2.400	0.0009	-2.5 to 2.5	Pass
				40	24	4.800	0.0018	-2.5 to 2.5	Pass
				50	24	0.200	0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

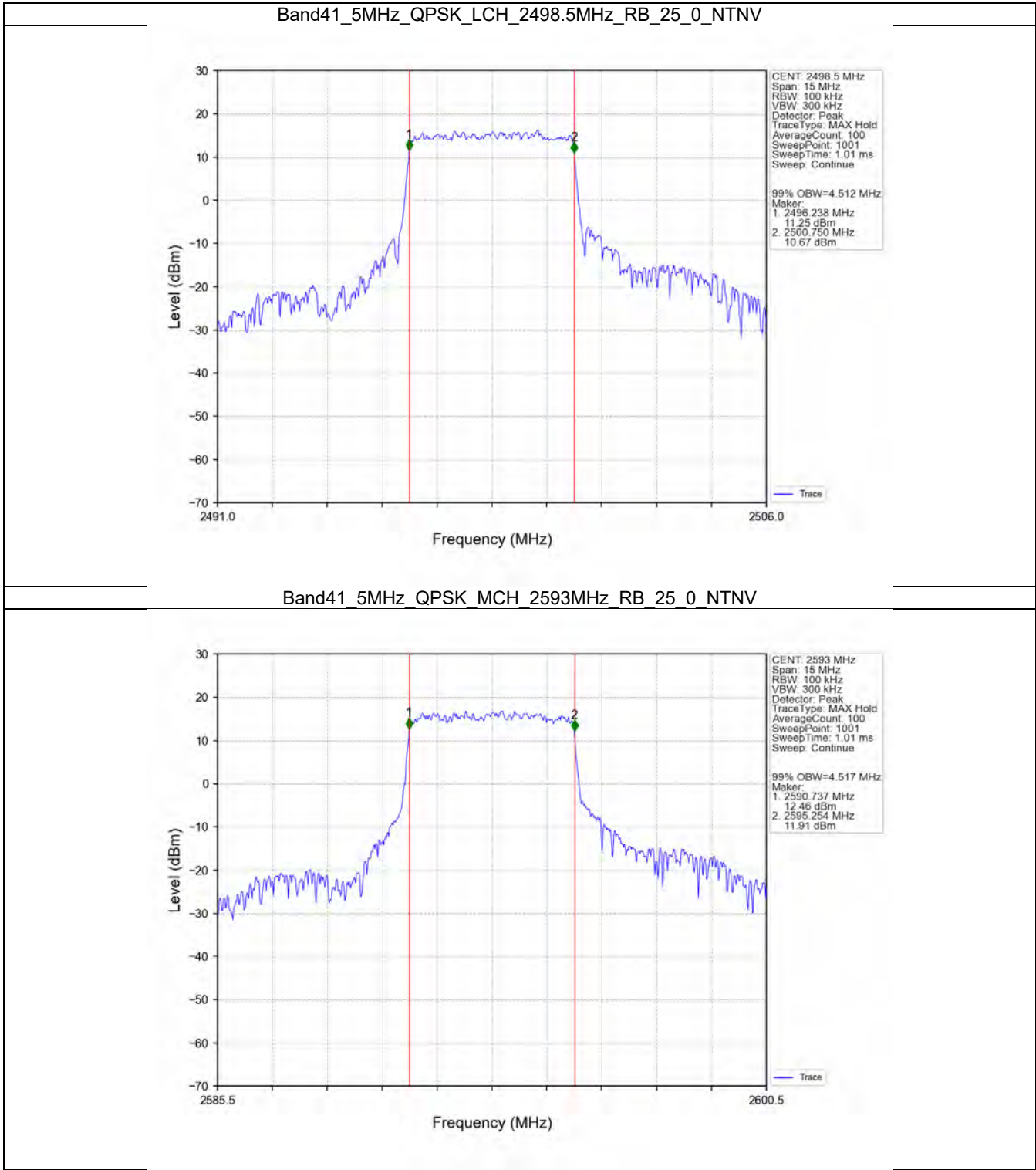
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.512	/	Pass
		2593	25	0	4.517	/	Pass
		2687.5	25	0	4.504	/	Pass
	16QAM	2498.5	25	0	4.512	/	Pass
		2593	25	0	4.515	/	Pass
		2687.5	25	0	4.510	/	Pass
	64QAM	2498.5	25	0	4.507	/	Pass
		2593	25	0	4.506	/	Pass
		2687.5	25	0	4.504	/	Pass
10	QPSK	2501	50	0	8.999	/	Pass
		2593	50	0	8.993	/	Pass
		2685	50	0	8.996	/	Pass
	16QAM	2501	50	0	8.957	/	Pass
		2593	50	0	8.961	/	Pass
		2685	50	0	8.957	/	Pass
	64QAM	2501	50	0	8.984	/	Pass
		2593	50	0	8.992	/	Pass
		2685	50	0	8.990	/	Pass
15	QPSK	2503.5	75	0	13.497	/	Pass
		2593	75	0	13.514	/	Pass
		2682.5	75	0	13.479	/	Pass
	16QAM	2503.5	75	0	13.480	/	Pass
		2593	75	0	13.486	/	Pass
		2682.5	75	0	13.483	/	Pass
	64QAM	2503.5	75	0	13.463	/	Pass
		2593	75	0	13.492	/	Pass
		2682.5	75	0	13.467	/	Pass
20	QPSK	2506	100	0	18.007	/	Pass
		2593	100	0	18.026	/	Pass
		2680	100	0	17.988	/	Pass
	16QAM	2506	100	0	17.989	/	Pass
		2593	100	0	18.032	/	Pass
		2680	100	0	17.991	/	Pass
	64QAM	2506	100	0	17.986	/	Pass
		2593	100	0	17.994	/	Pass
		2680	100	0	18.004	/	Pass

3.1.2 Band41_XDB

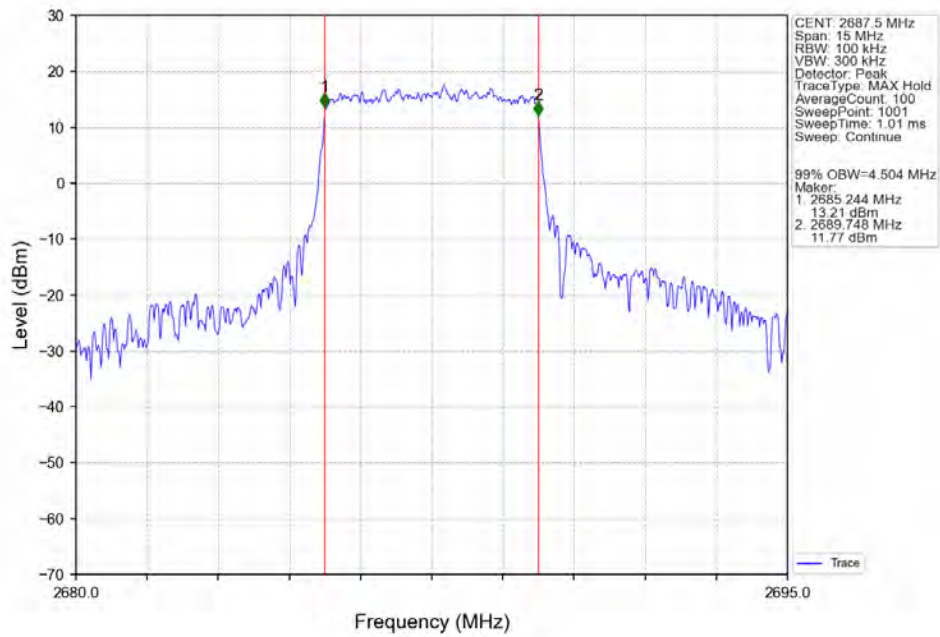
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.747	/	Pass
		2593	25	0	5.666	/	Pass
		2687.5	25	0	5.267	/	Pass
	16QAM	2498.5	25	0	5.339	/	Pass
		2593	25	0	5.304	/	Pass
		2687.5	25	0	5.224	/	Pass
	64QAM	2498.5	25	0	5.186	/	Pass
		2593	25	0	5.175	/	Pass
		2687.5	25	0	5.006	/	Pass
10	QPSK	2501	50	0	9.892	/	Pass
		2593	50	0	9.897	/	Pass
		2685	50	0	9.884	/	Pass
	16QAM	2501	50	0	9.759	/	Pass
		2593	50	0	9.821	/	Pass
		2685	50	0	9.822	/	Pass
	64QAM	2501	50	0	9.990	/	Pass
		2593	50	0	9.914	/	Pass
		2685	50	0	9.934	/	Pass
15	QPSK	2503.5	75	0	15.543	/	Pass
		2593	75	0	15.357	/	Pass
		2682.5	75	0	15.277	/	Pass
	16QAM	2503.5	75	0	15.359	/	Pass
		2593	75	0	15.184	/	Pass
		2682.5	75	0	15.477	/	Pass
	64QAM	2503.5	75	0	15.048	/	Pass
		2593	75	0	15.437	/	Pass
		2682.5	75	0	14.859	/	Pass
20	QPSK	2506	100	0	21.073	/	Pass
		2593	100	0	20.652	/	Pass
		2680	100	0	20.719	/	Pass
	16QAM	2506	100	0	19.754	/	Pass
		2593	100	0	20.249	/	Pass
		2680	100	0	19.630	/	Pass
	64QAM	2506	100	0	20.025	/	Pass
		2593	100	0	19.658	/	Pass
		2680	100	0	19.902	/	Pass

3.2 Test Graph

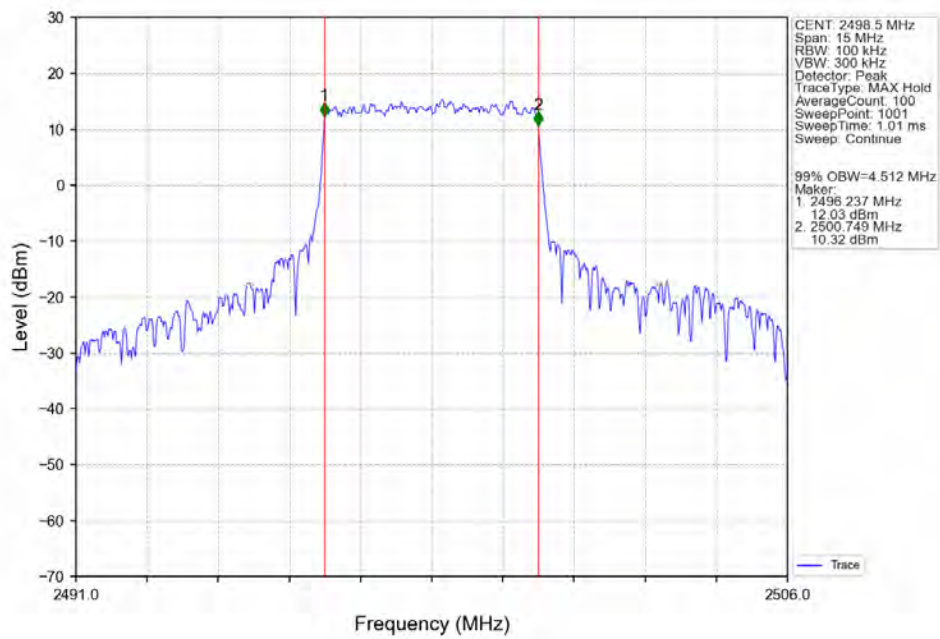
3.2.1 Band41_OBW



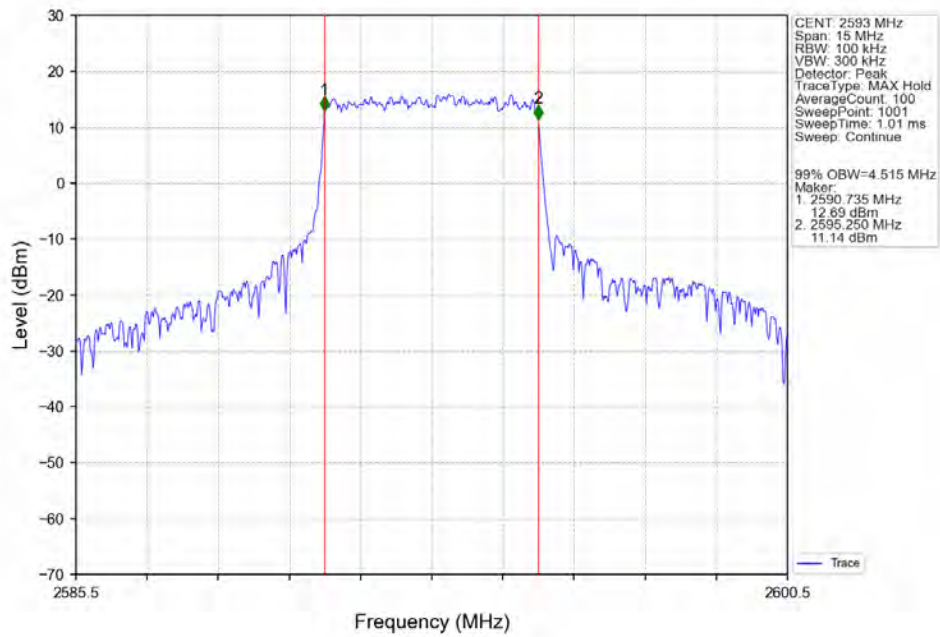
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



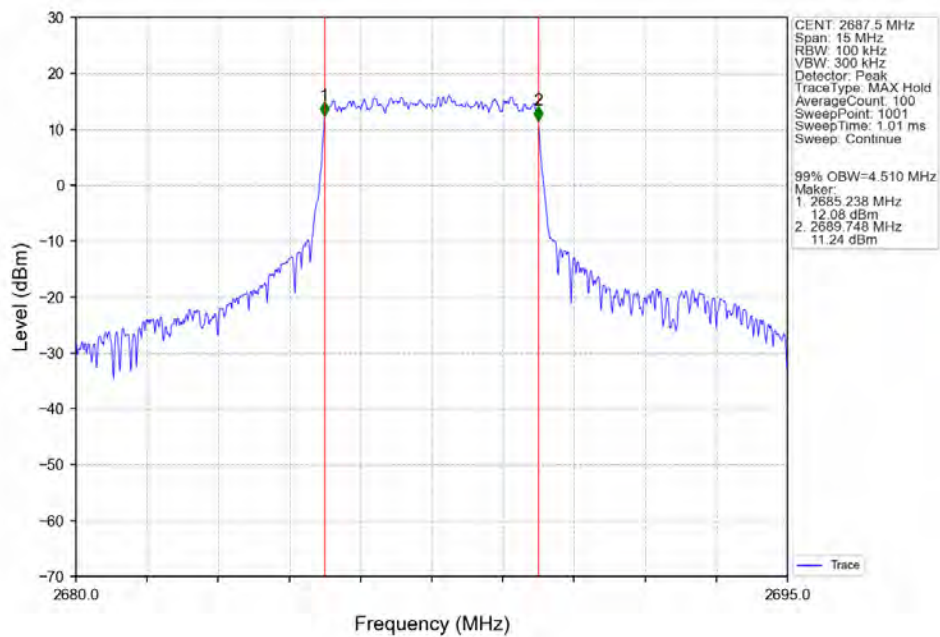
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



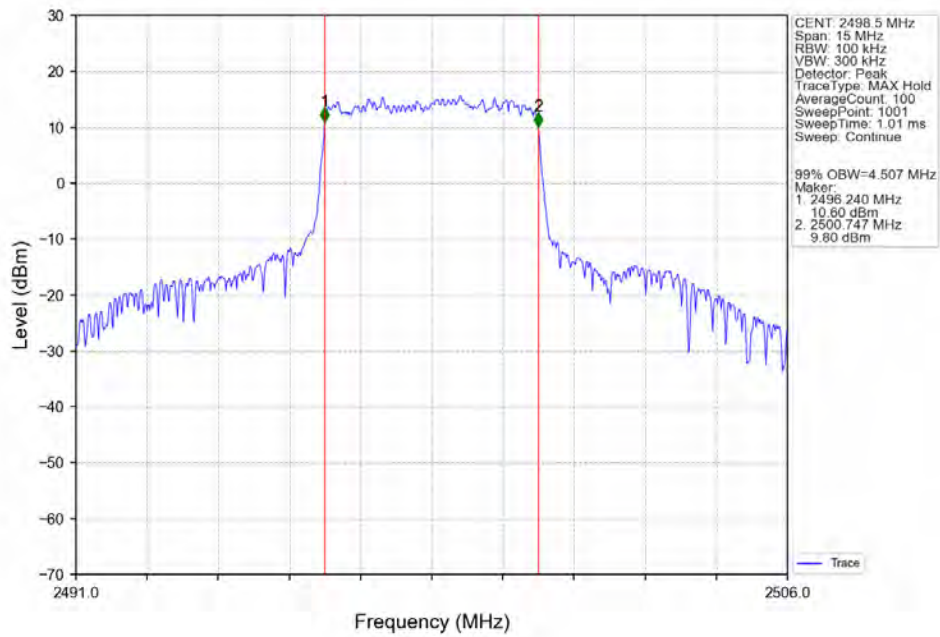
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



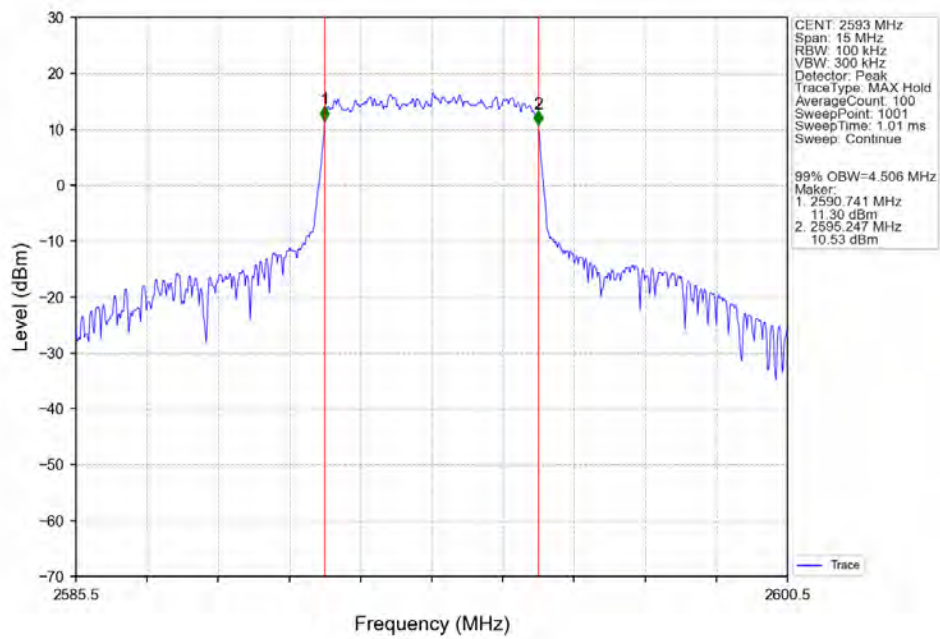
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



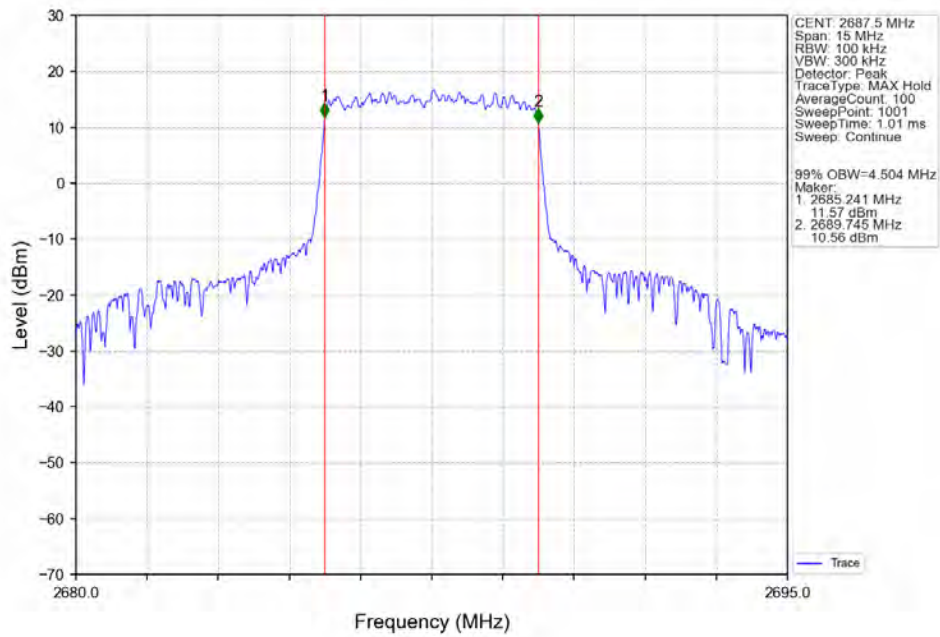
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



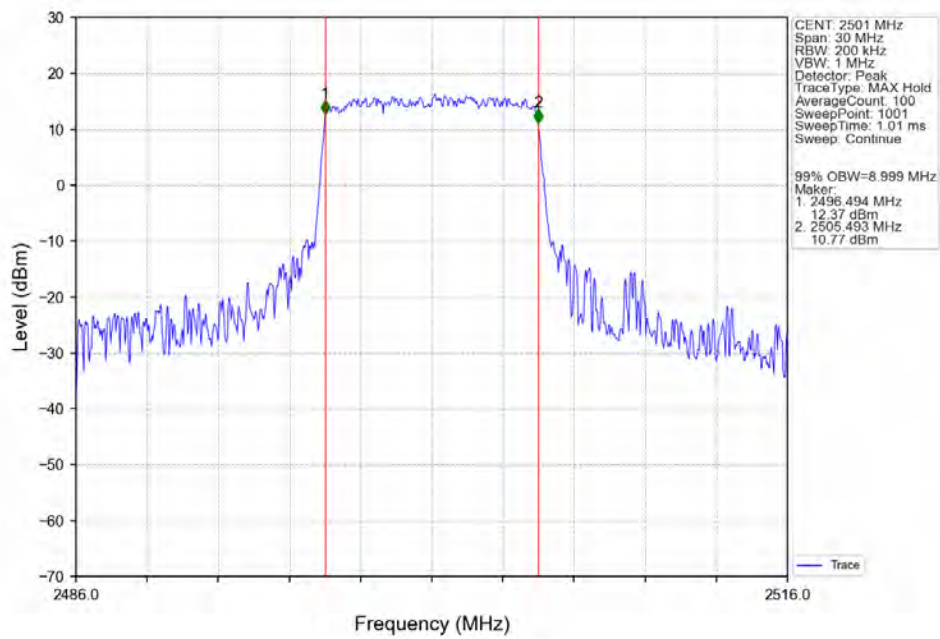
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



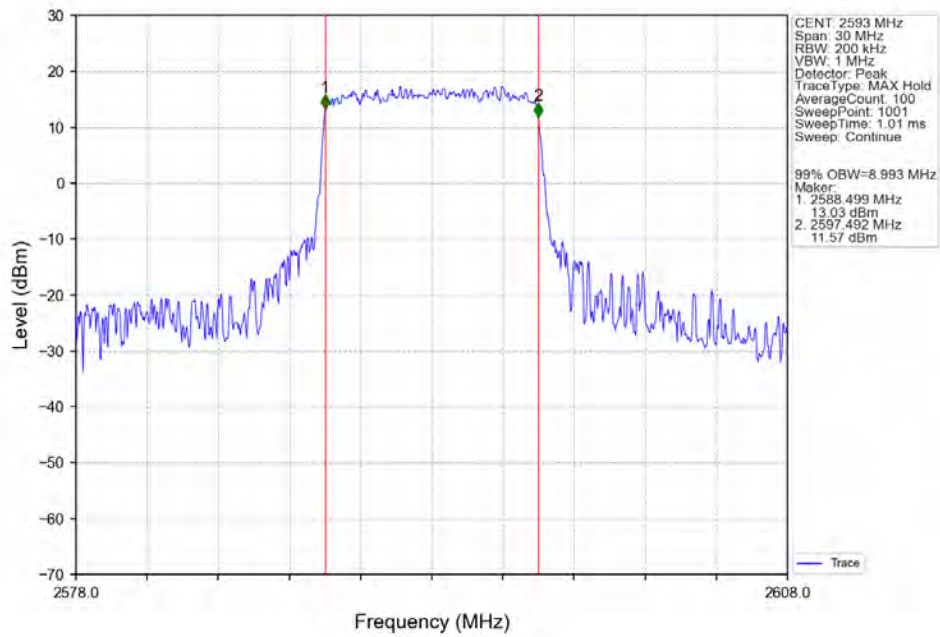
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



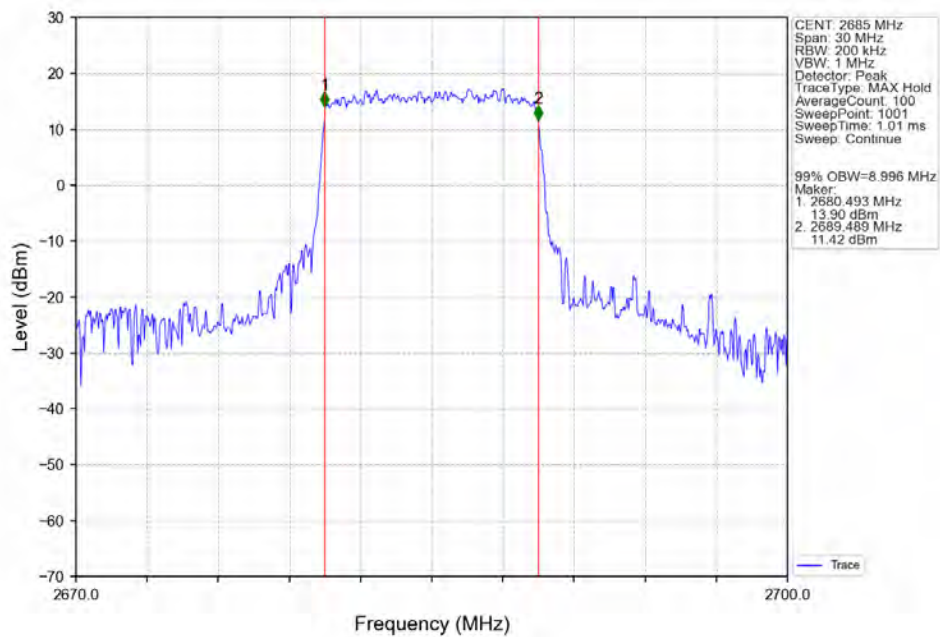
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



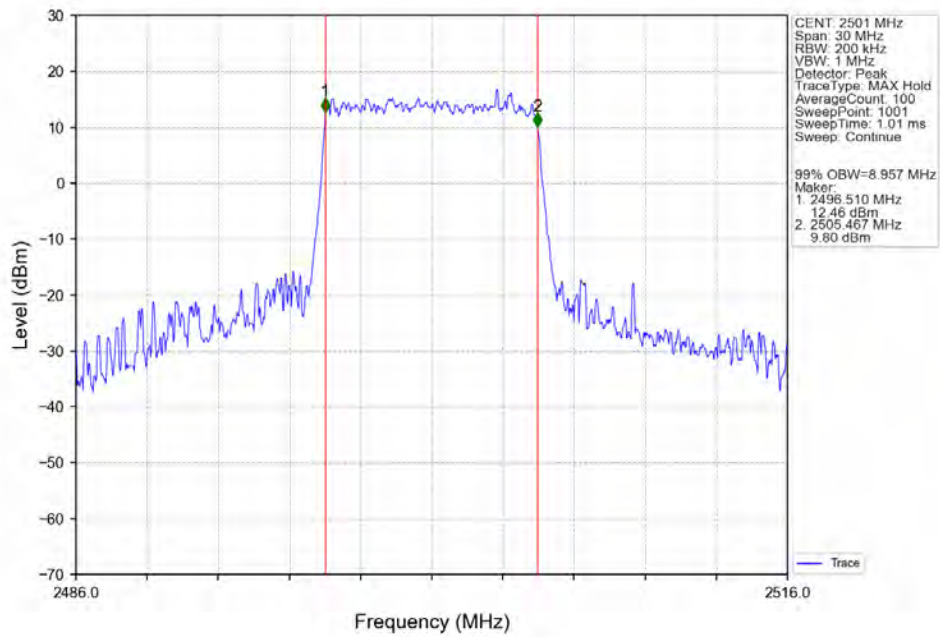
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



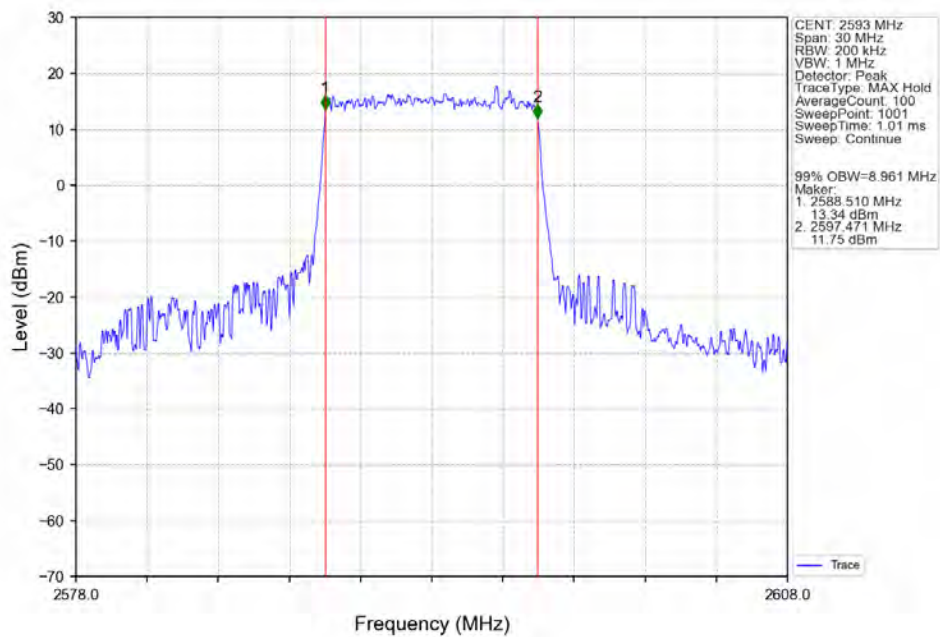
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



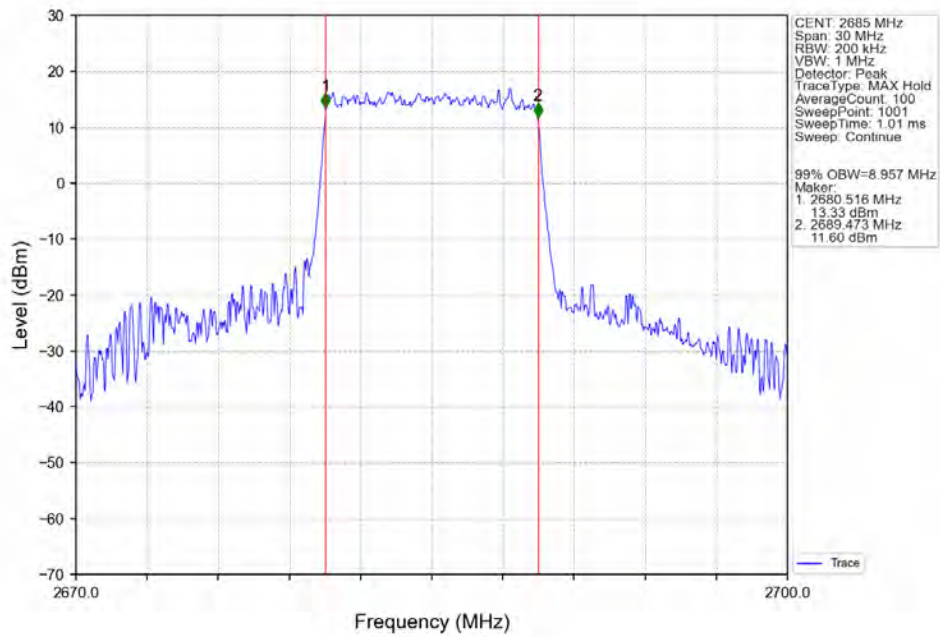
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



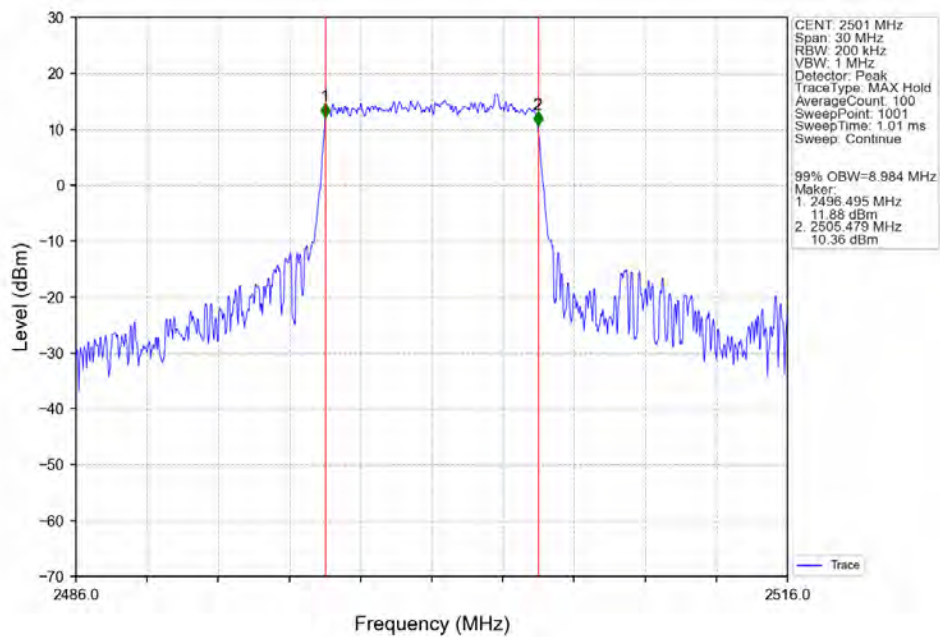
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



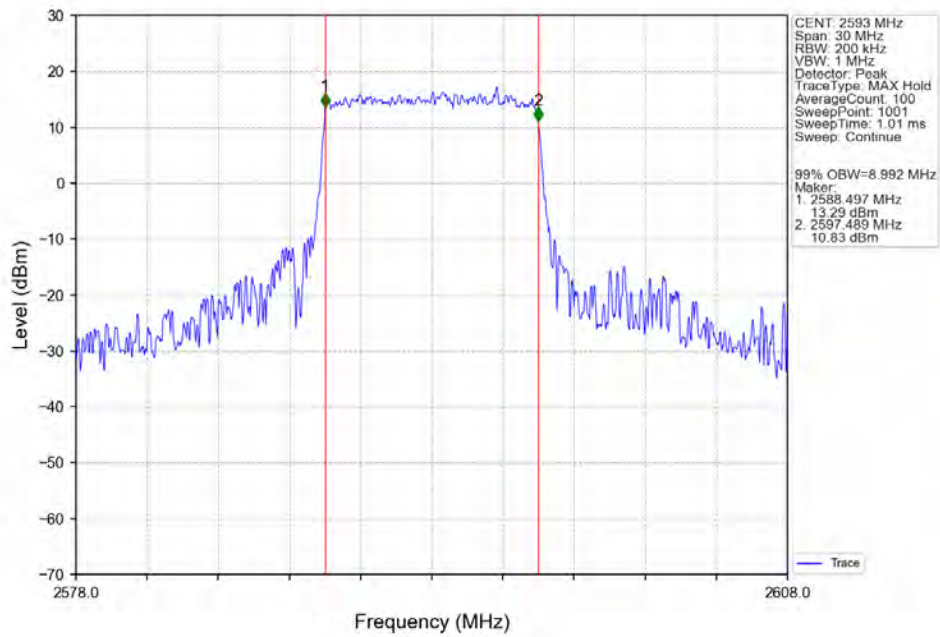
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



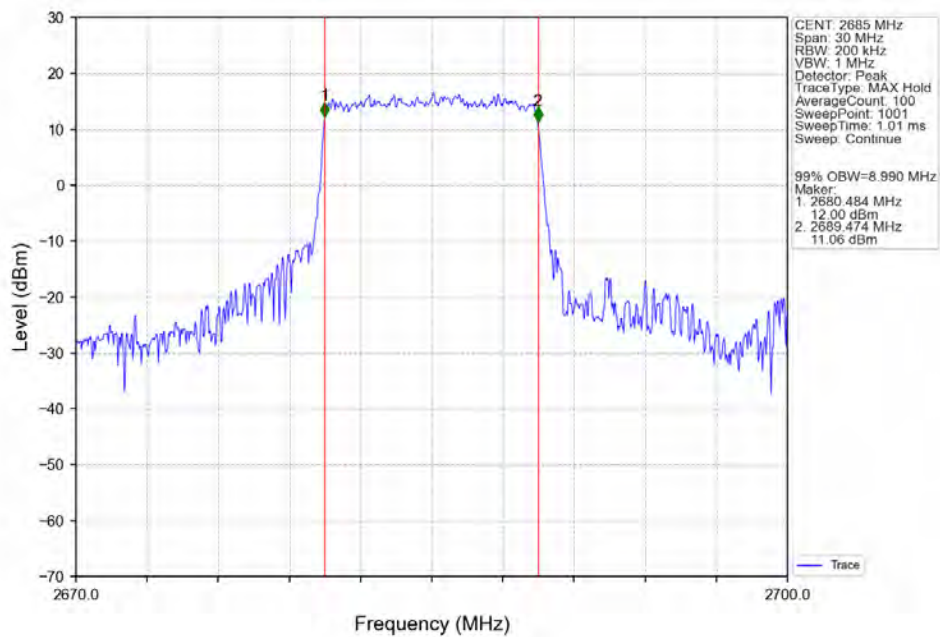
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTNV



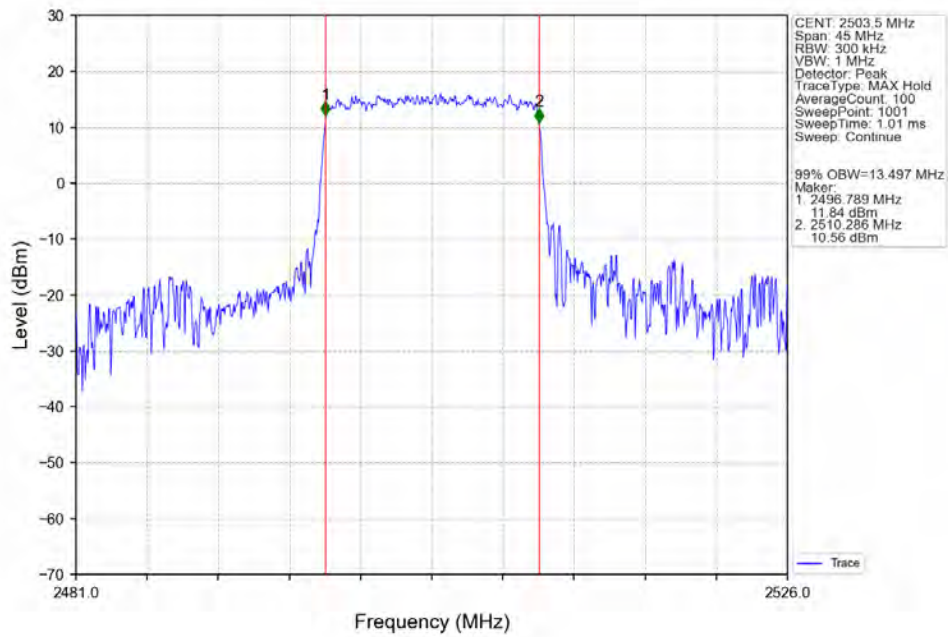
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



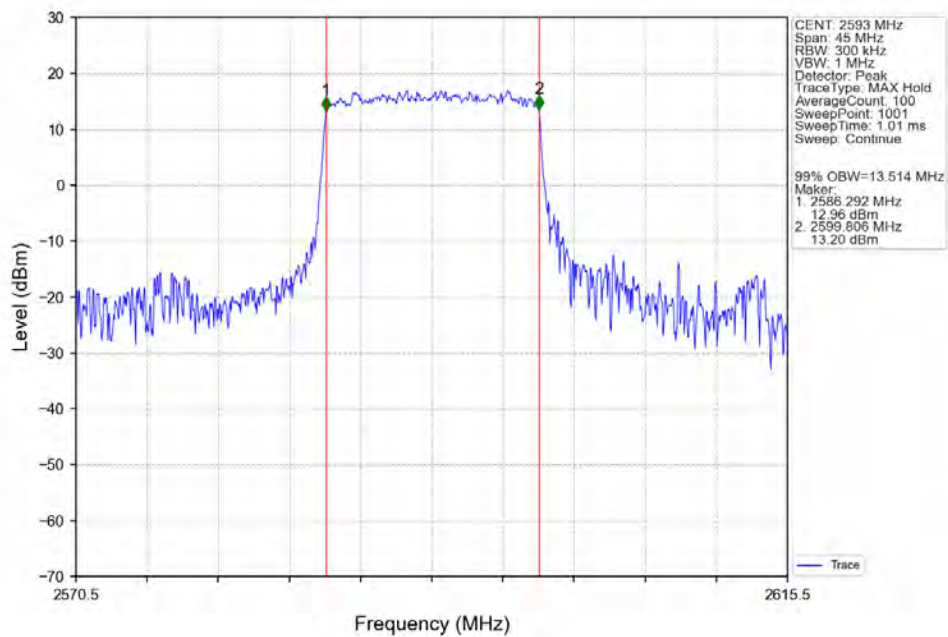
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



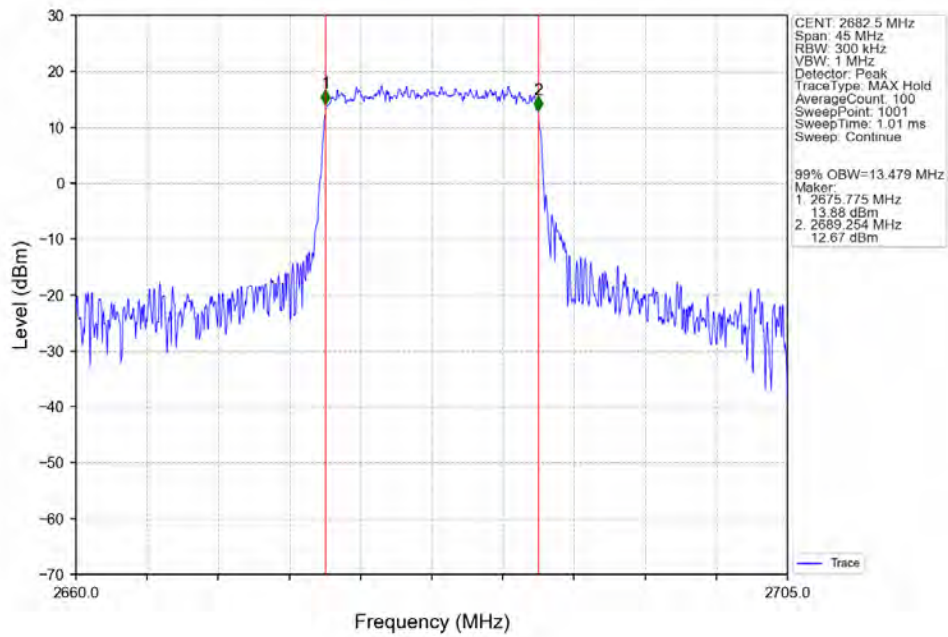
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



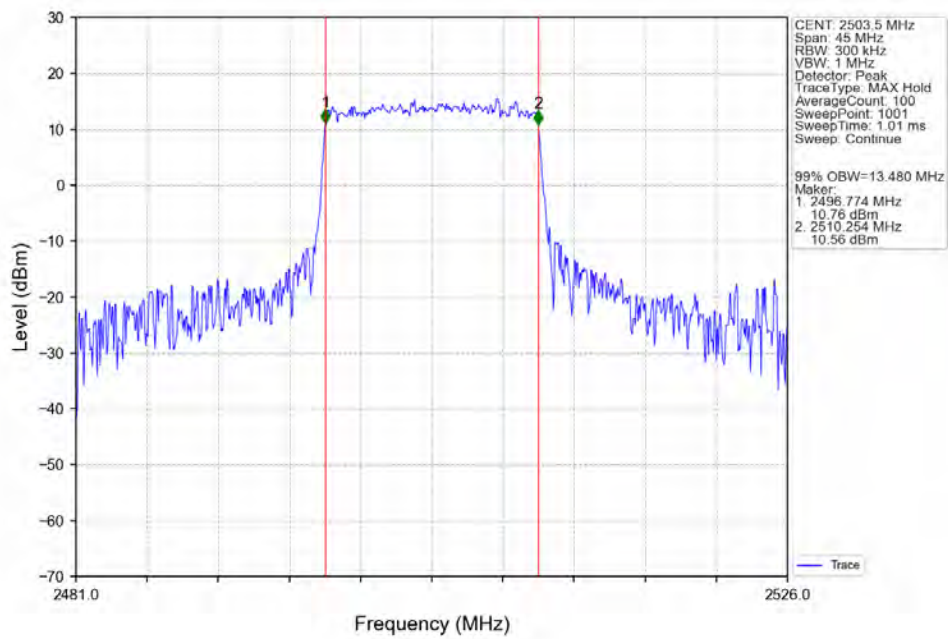
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



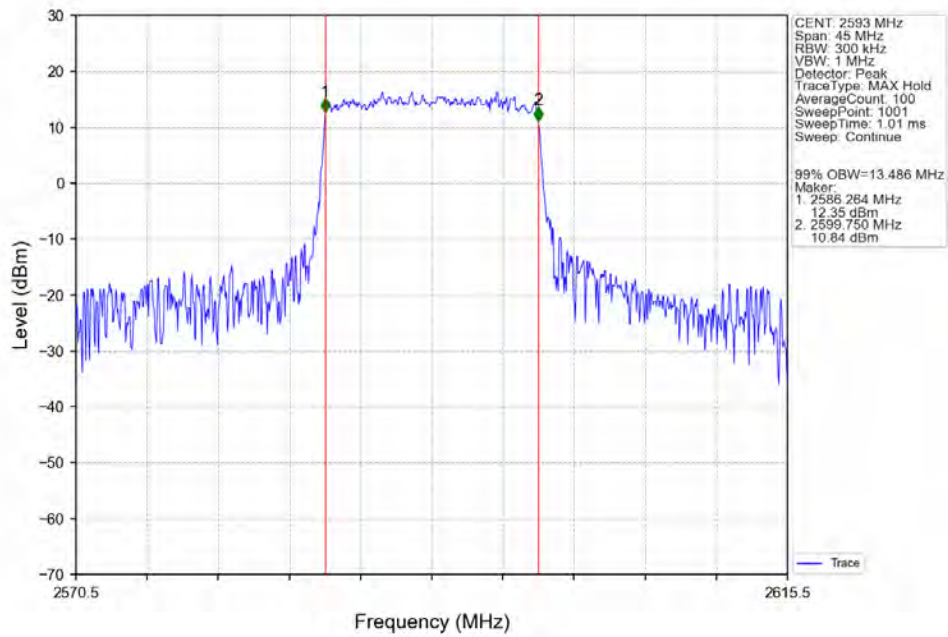
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



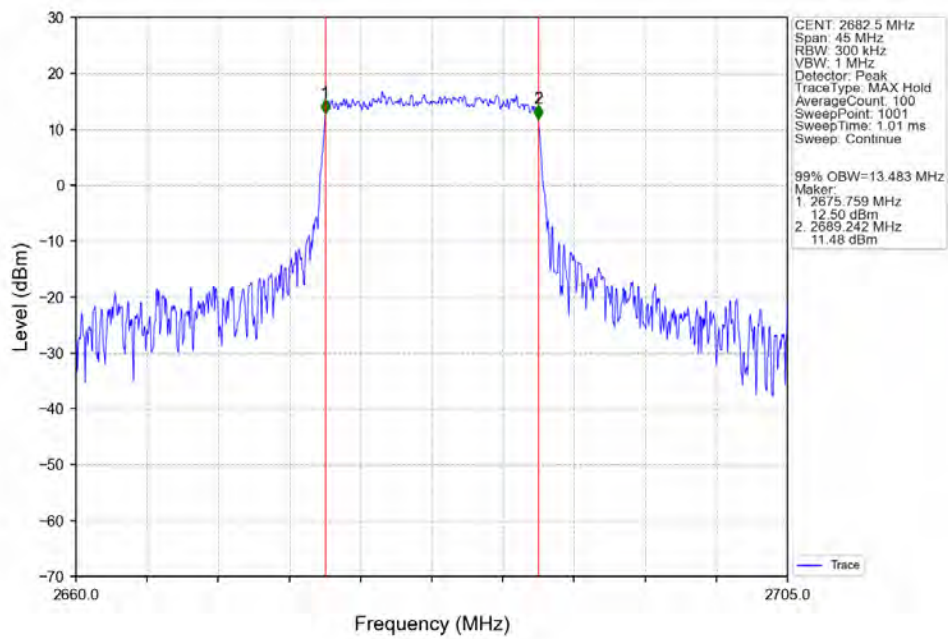
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



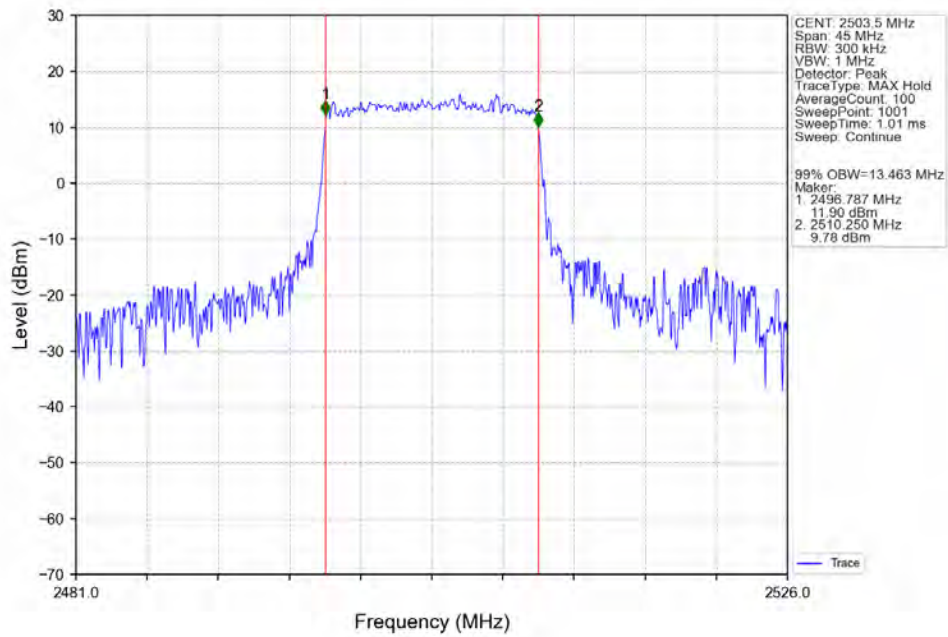
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



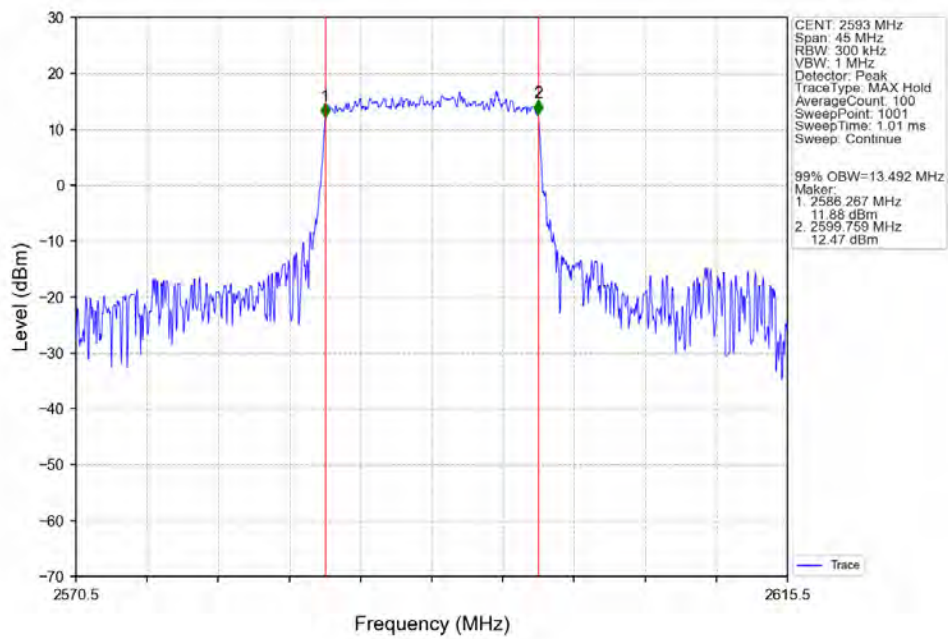
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



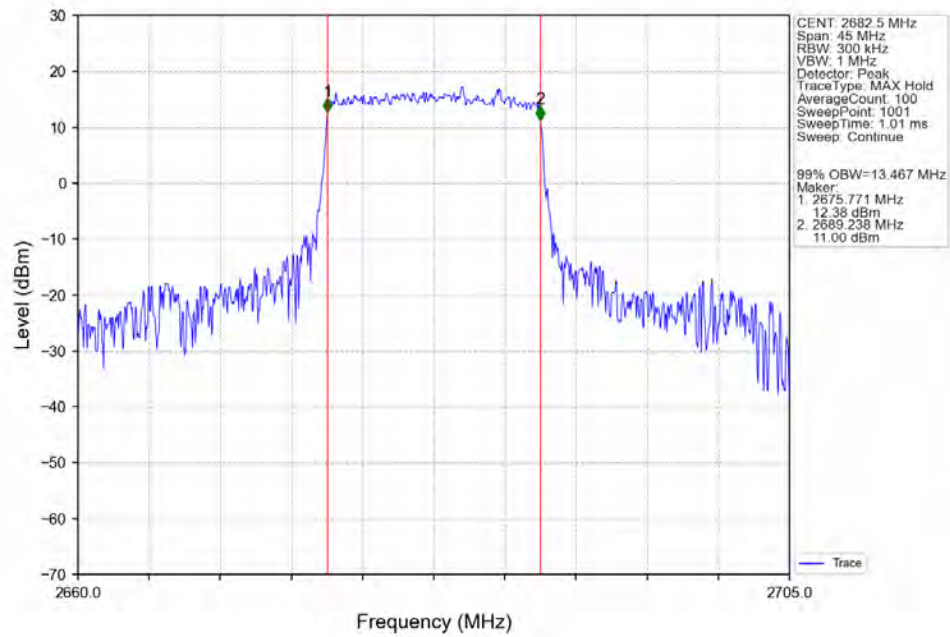
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



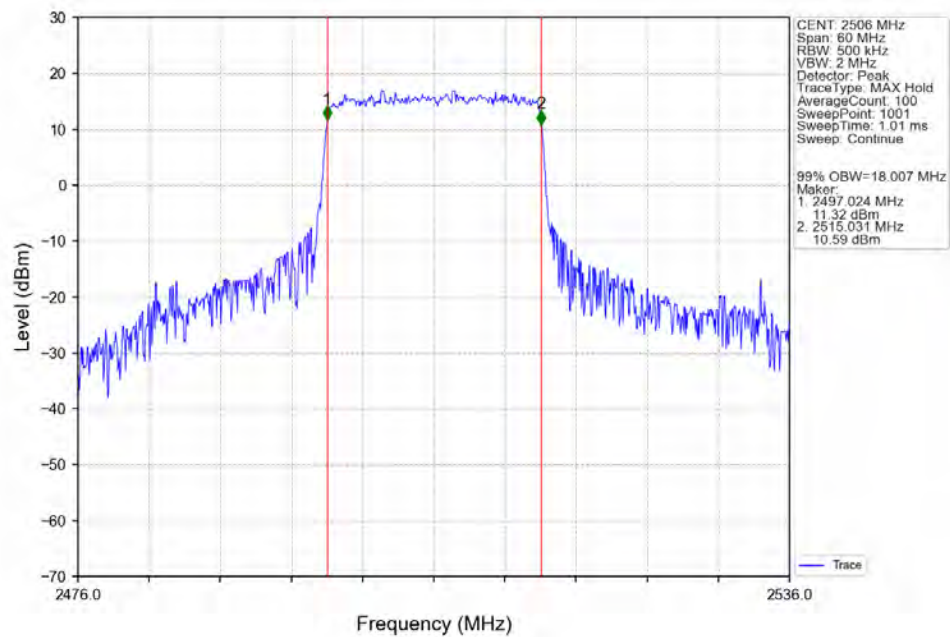
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



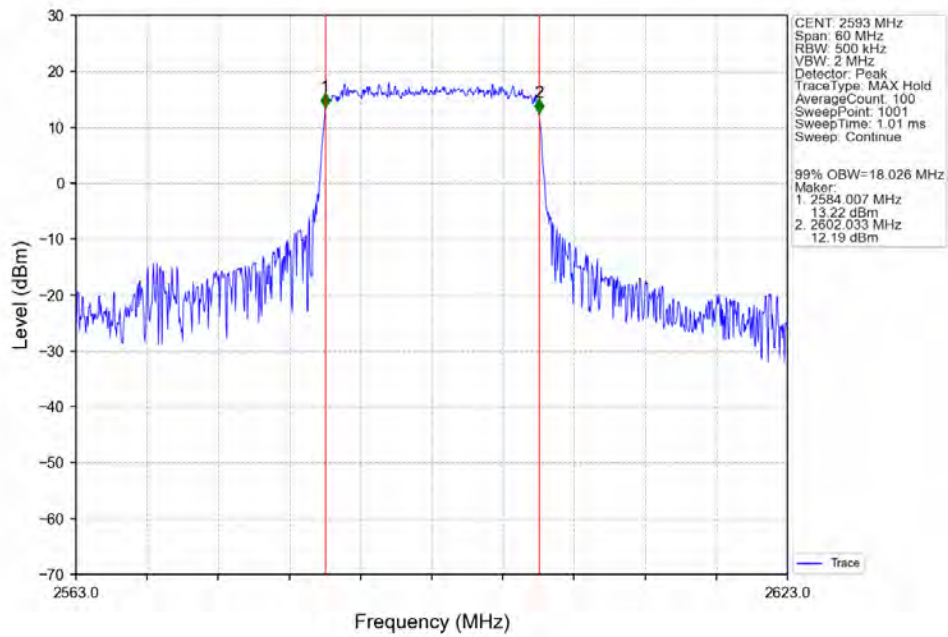
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



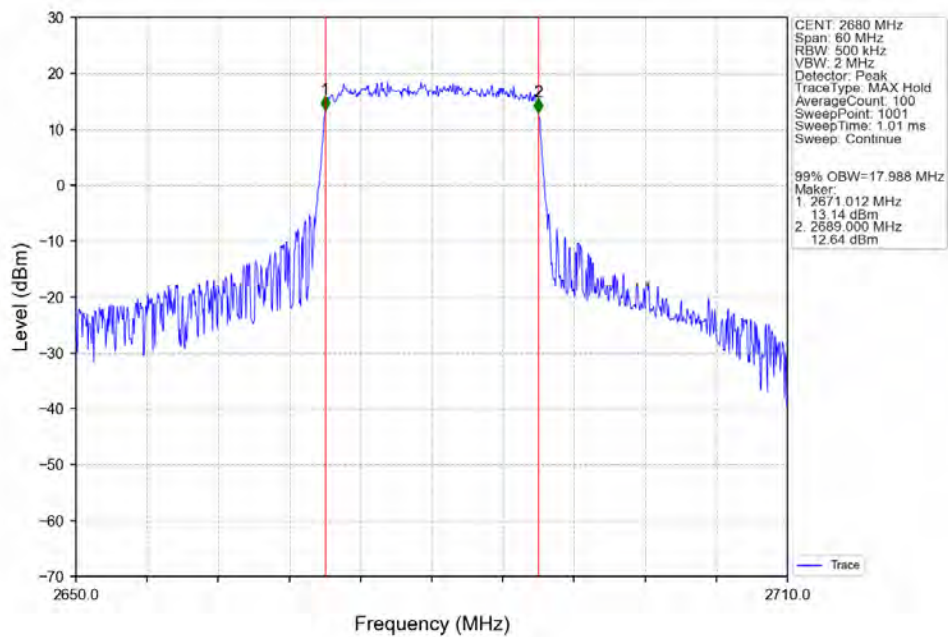
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



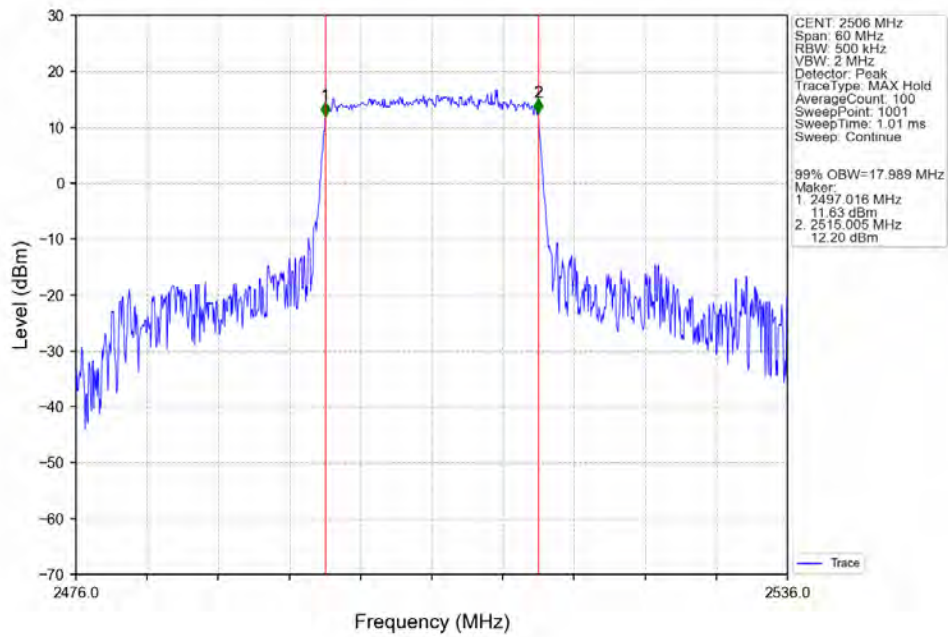
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



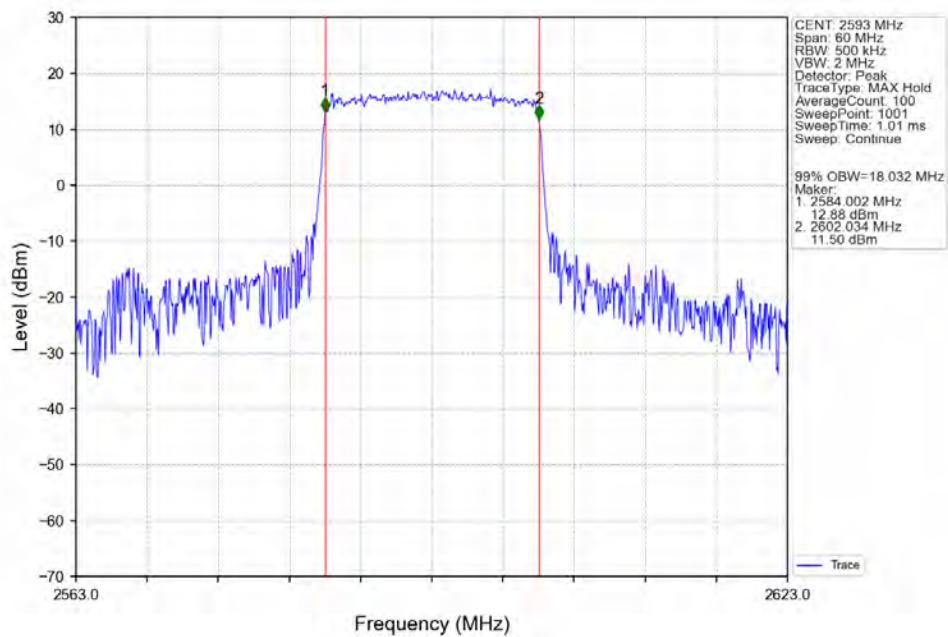
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



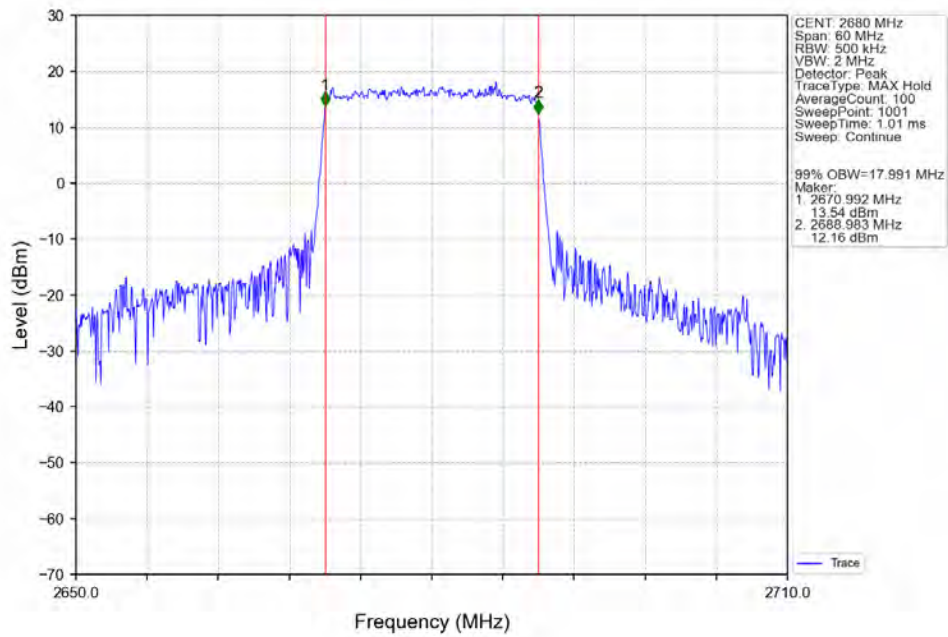
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



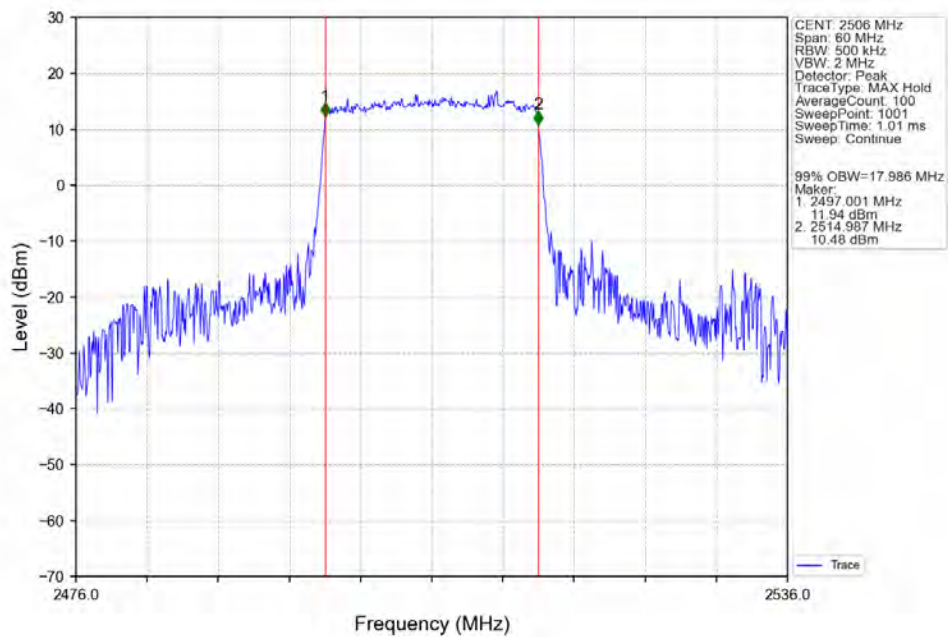
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



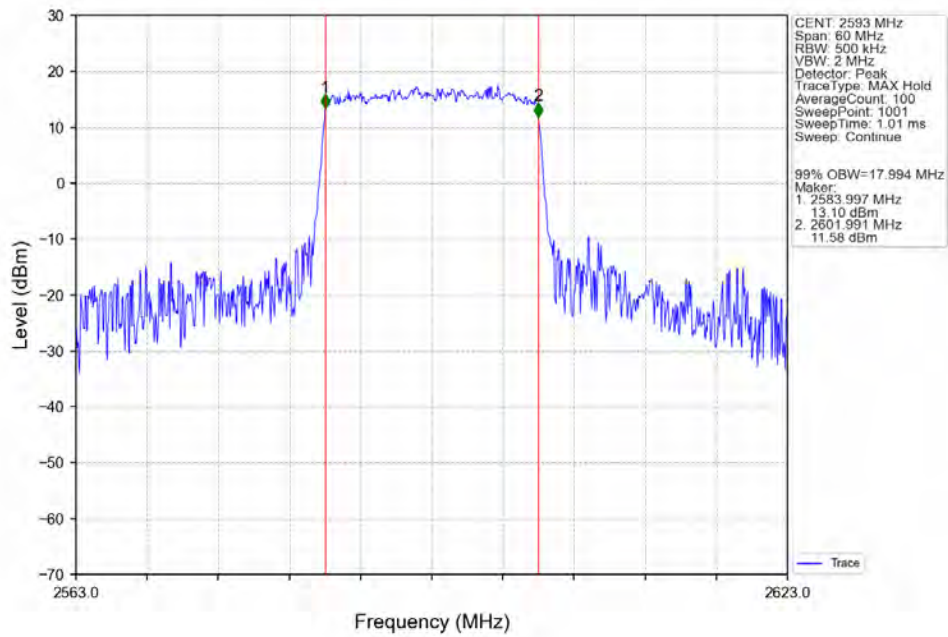
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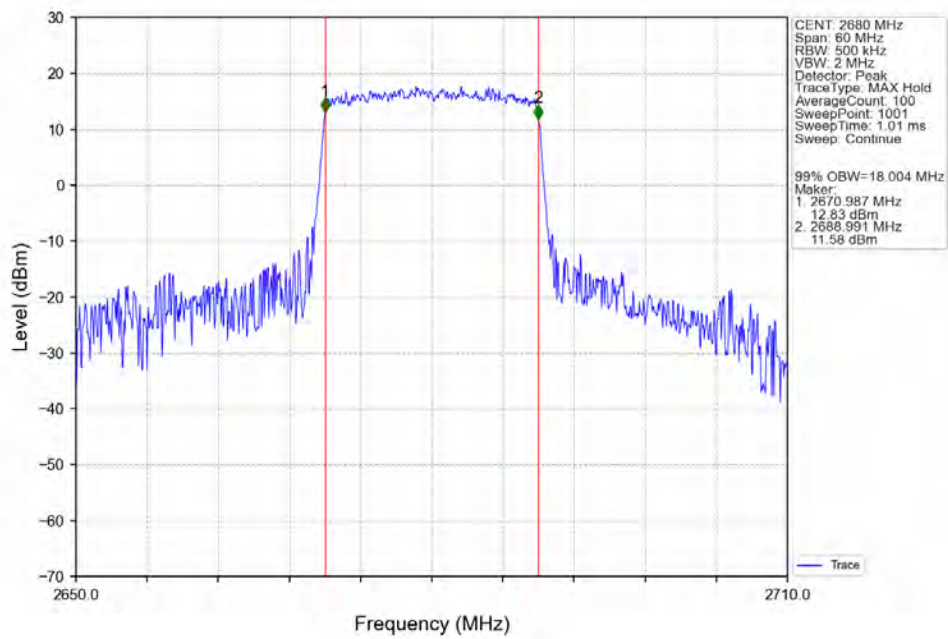
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



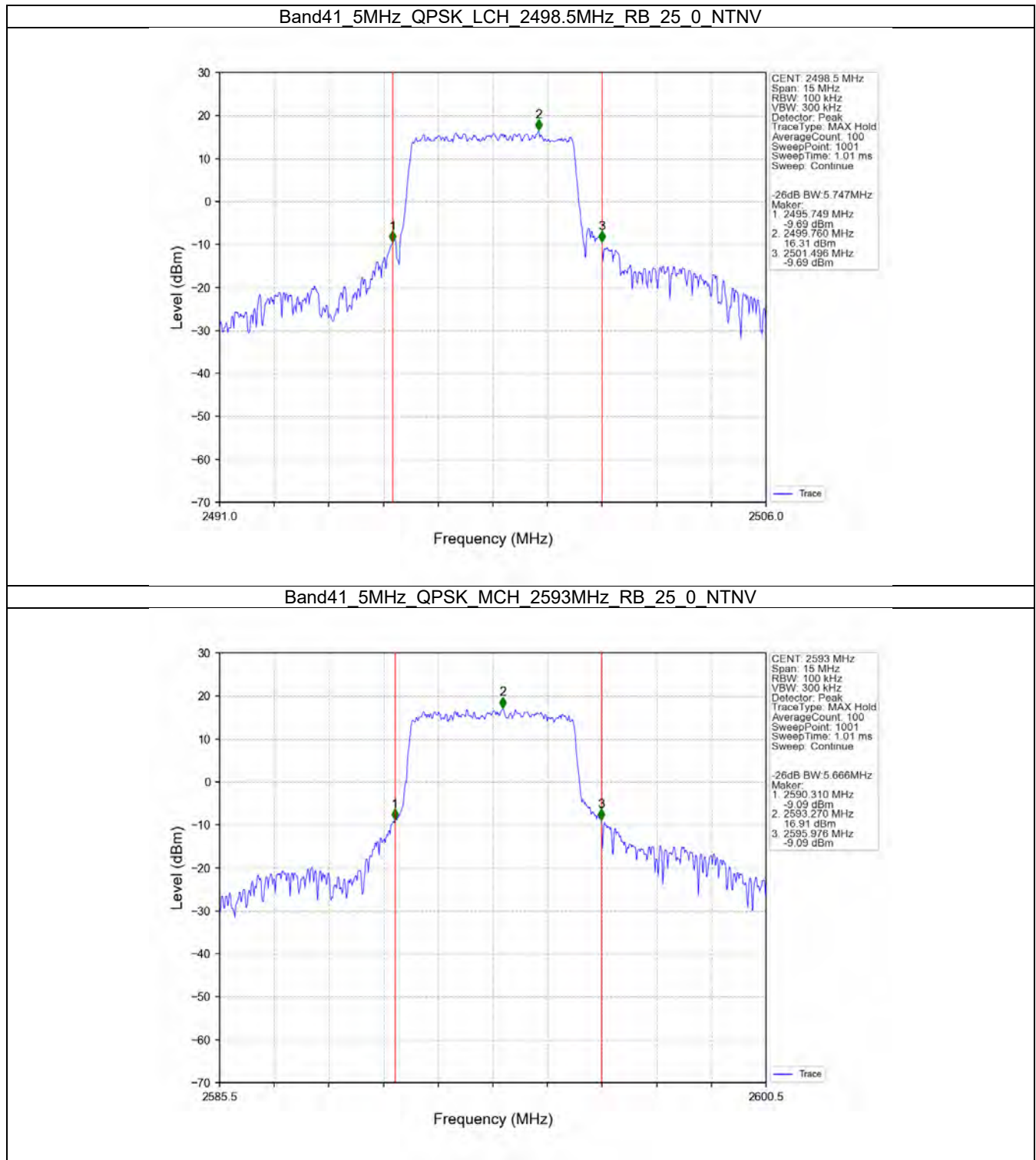
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



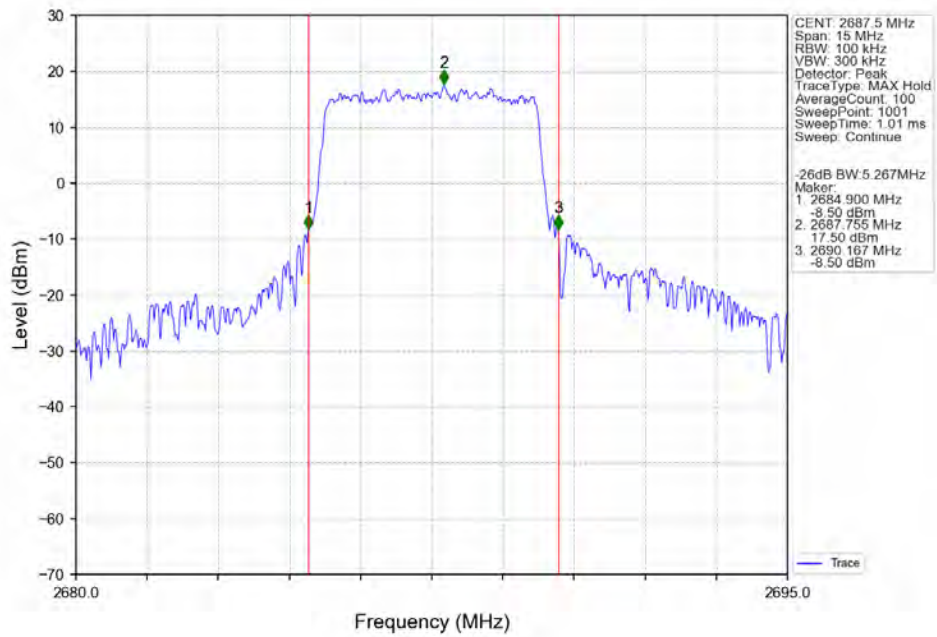
Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



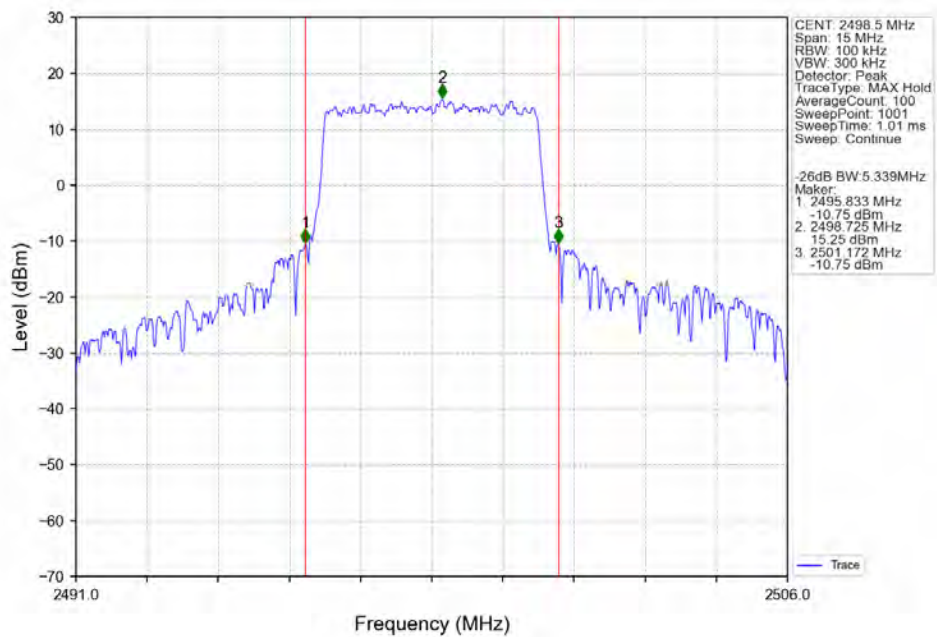
3.2.2 Band41_XDB



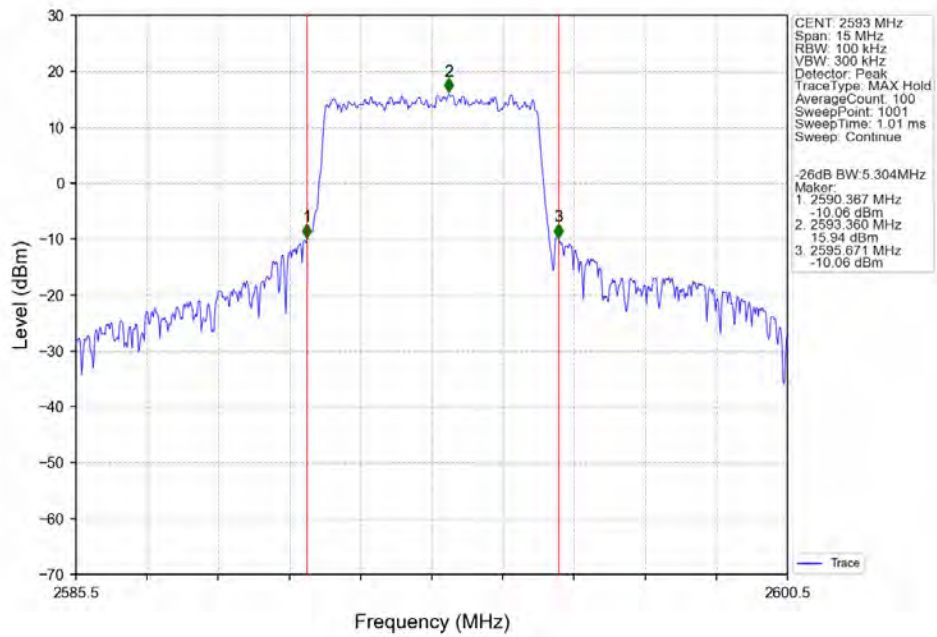
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



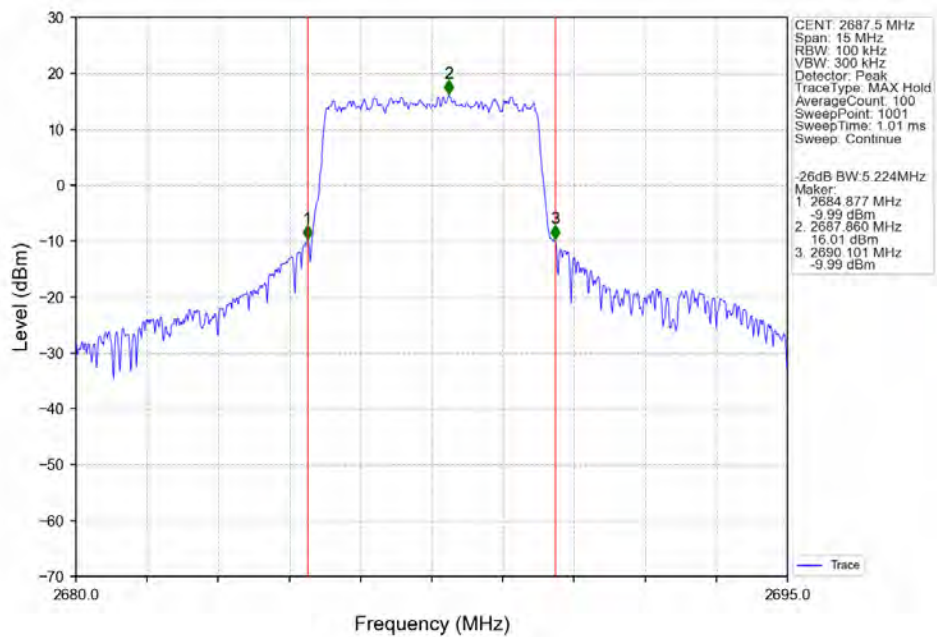
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



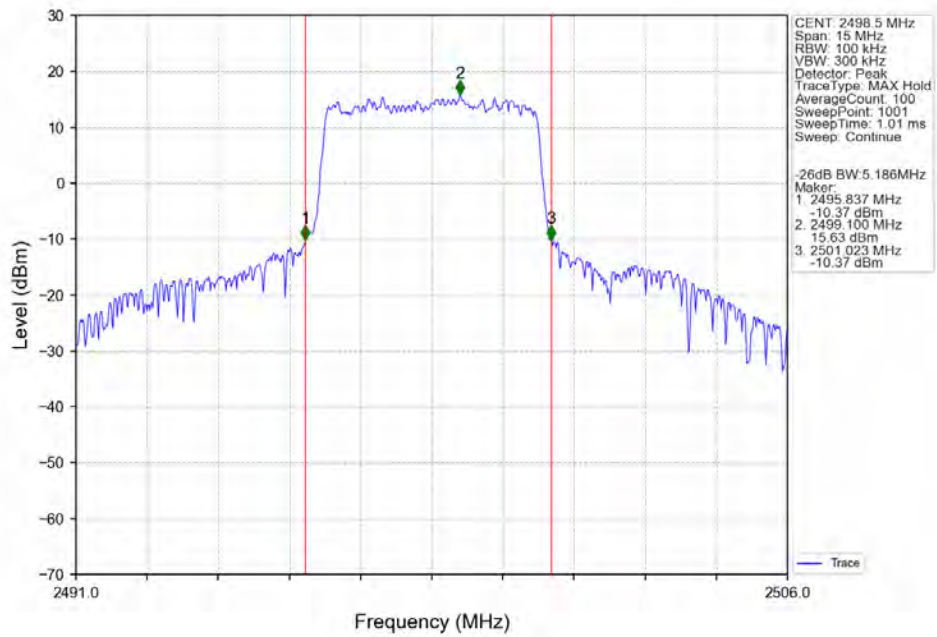
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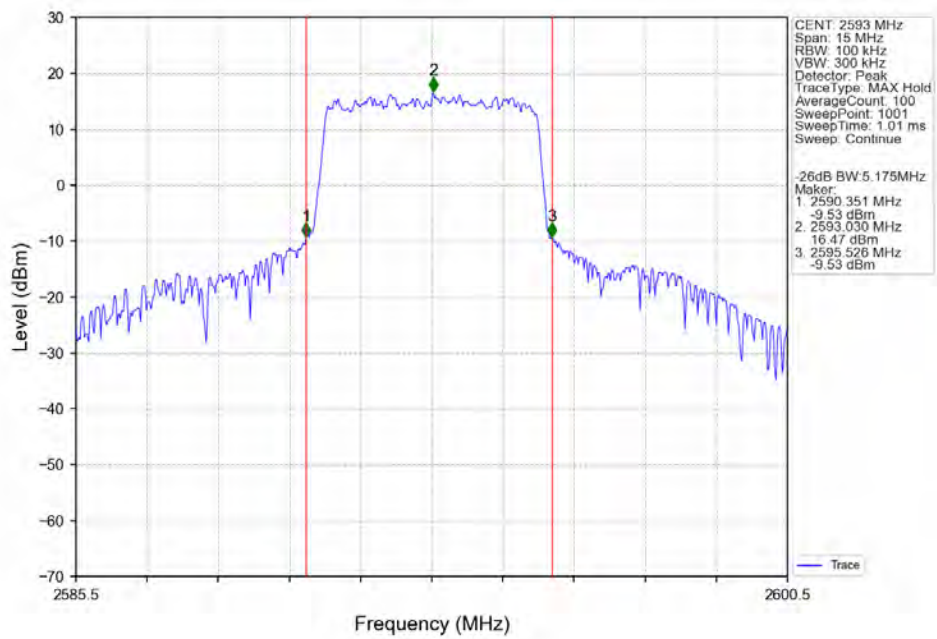
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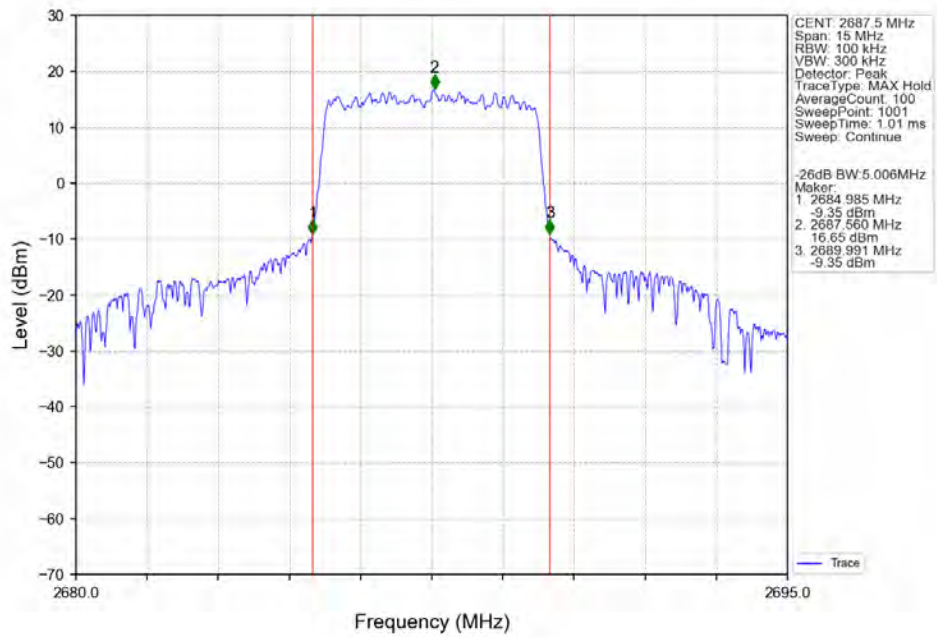
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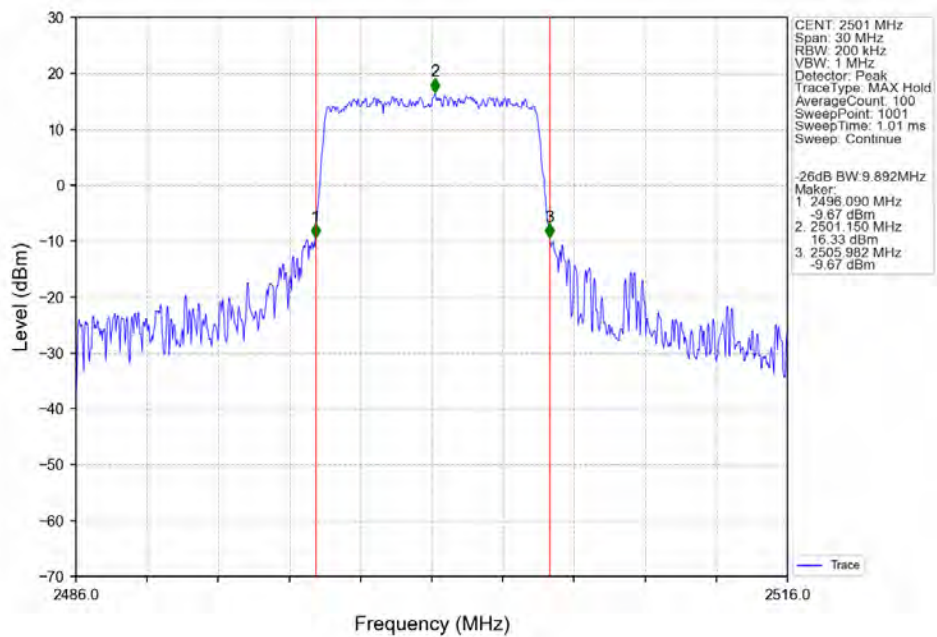
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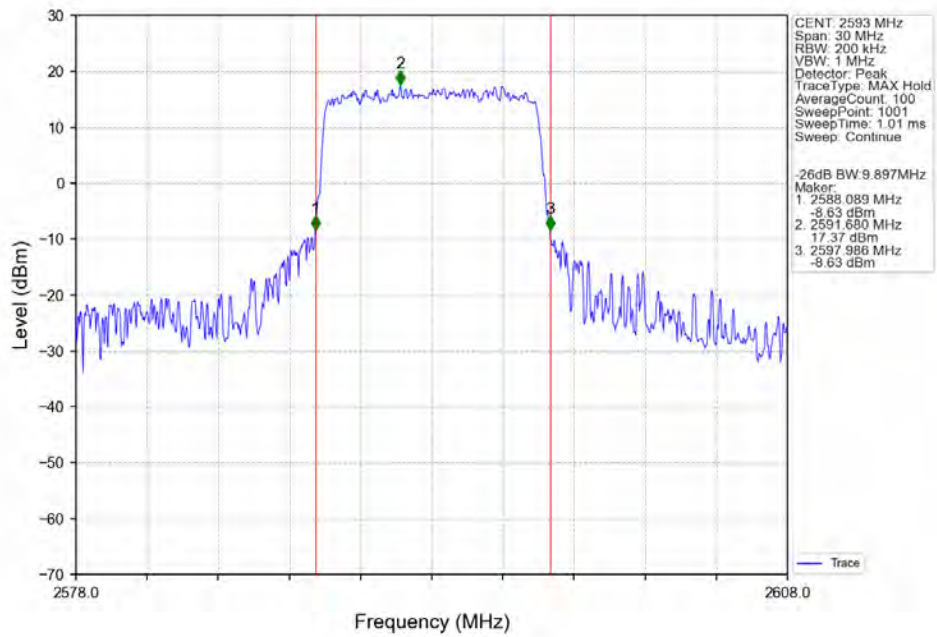
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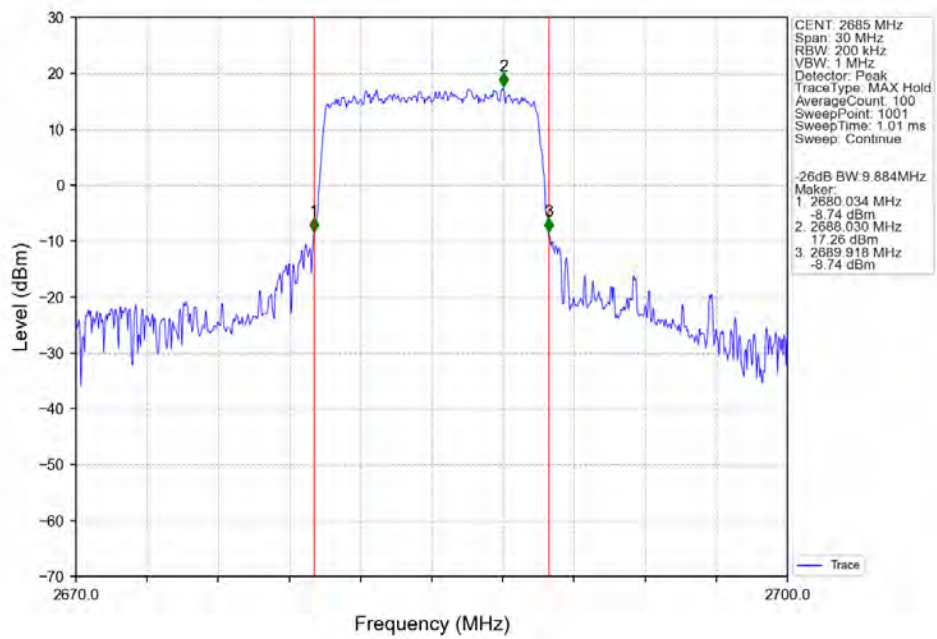
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



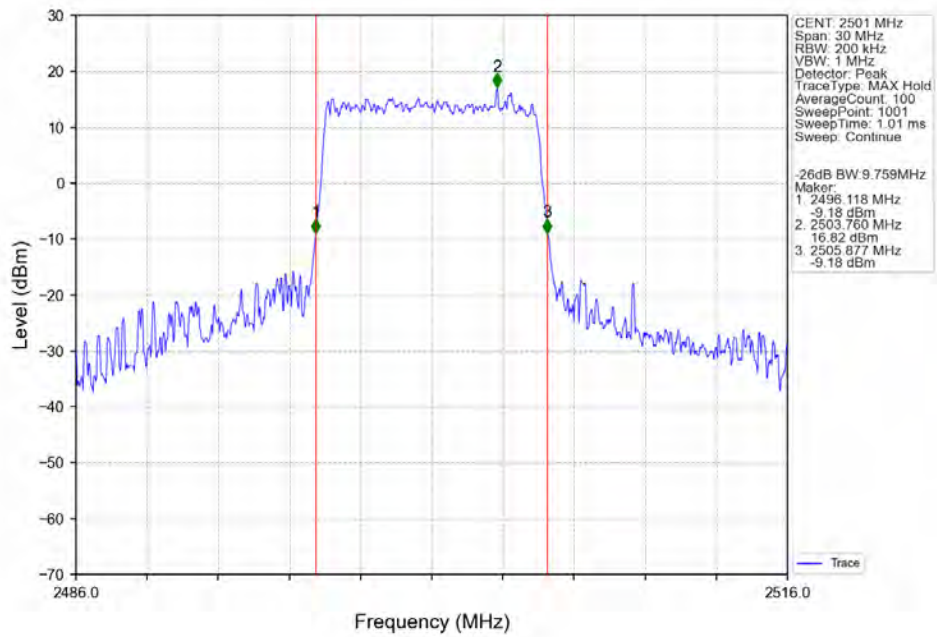
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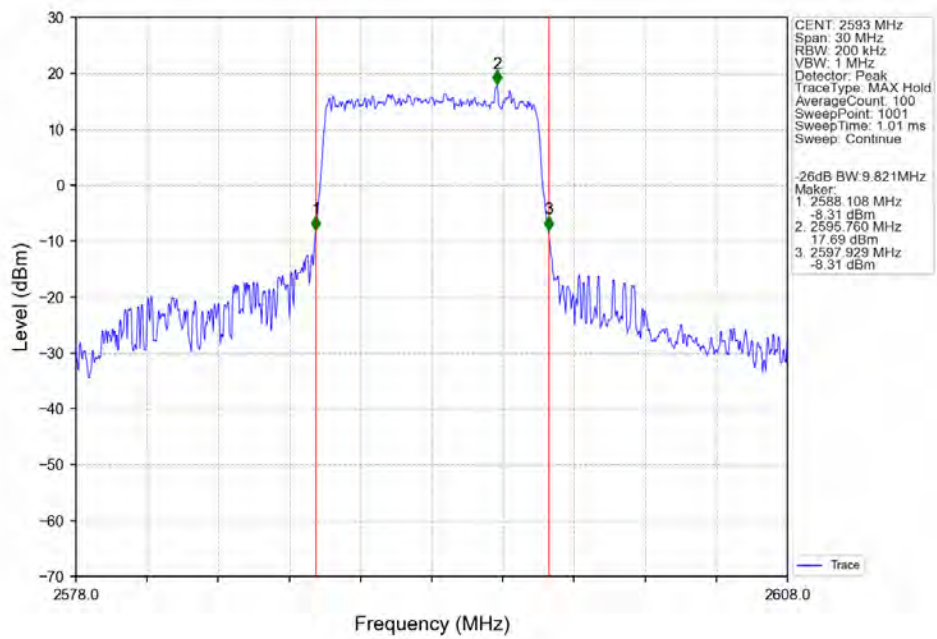
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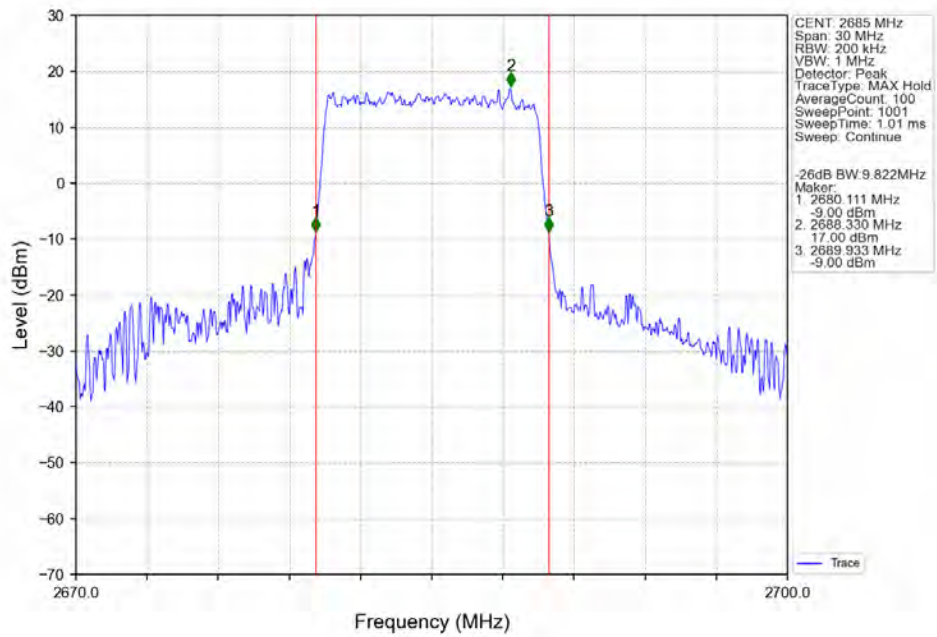
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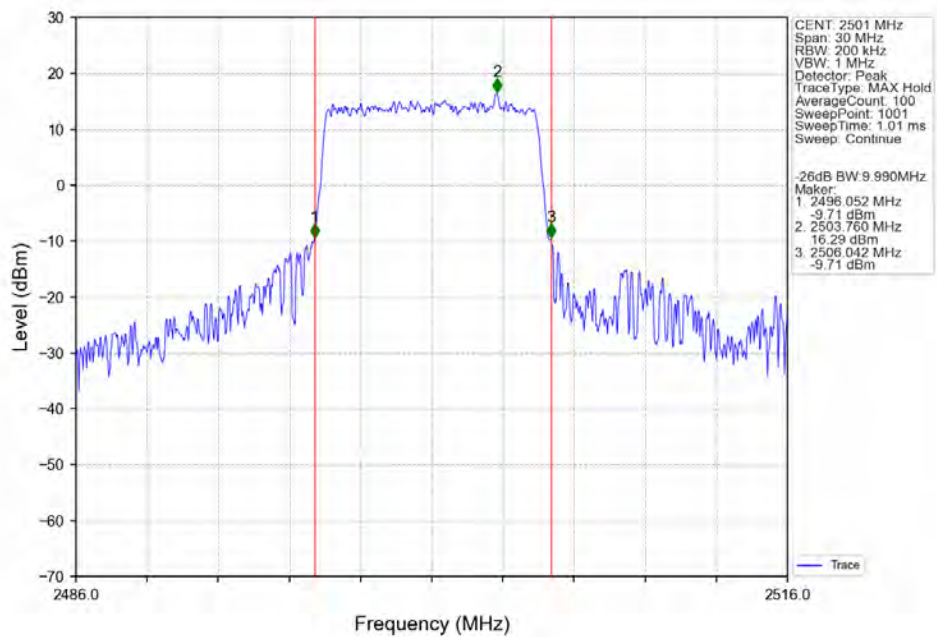
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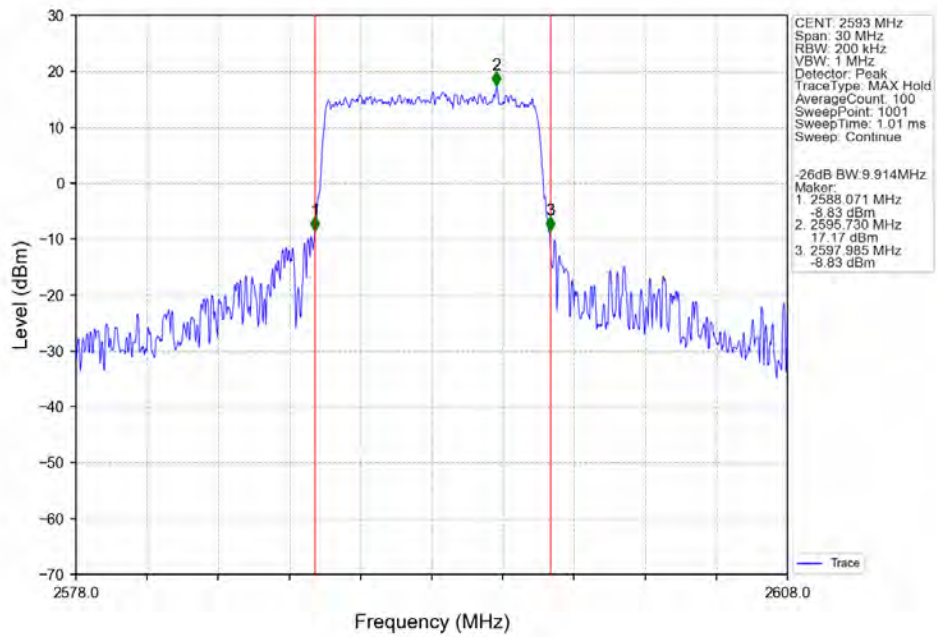
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



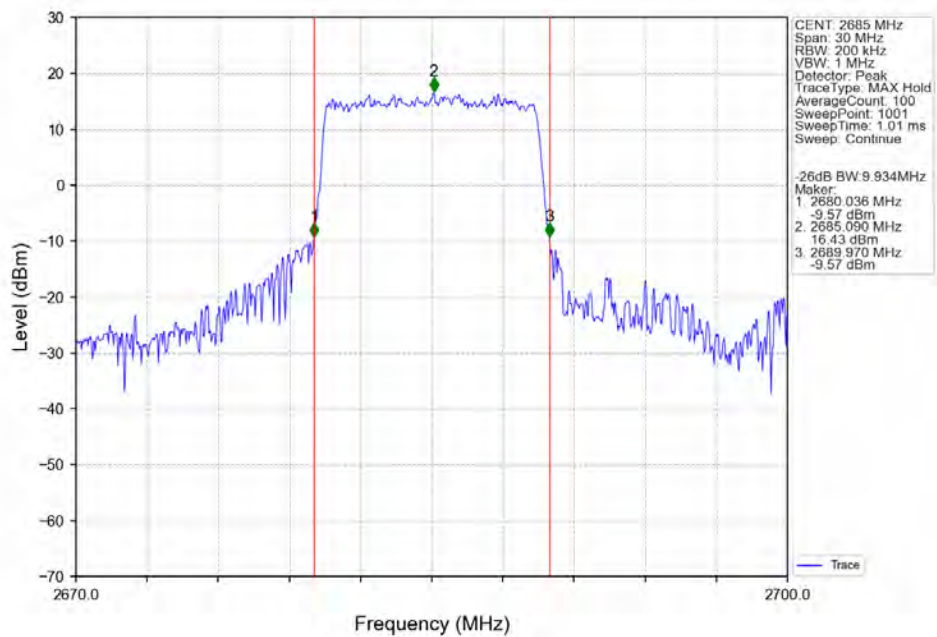
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTNV



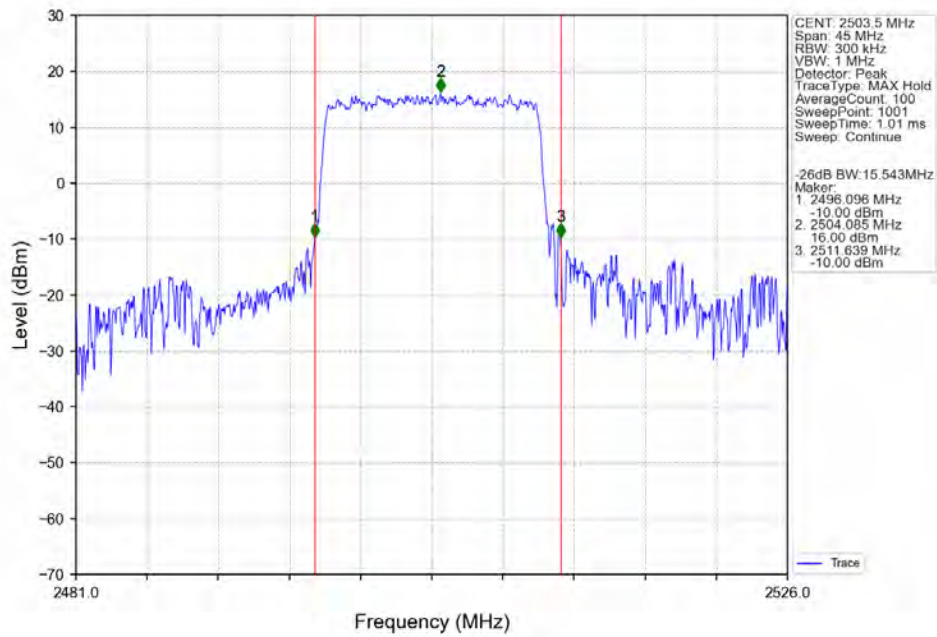
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



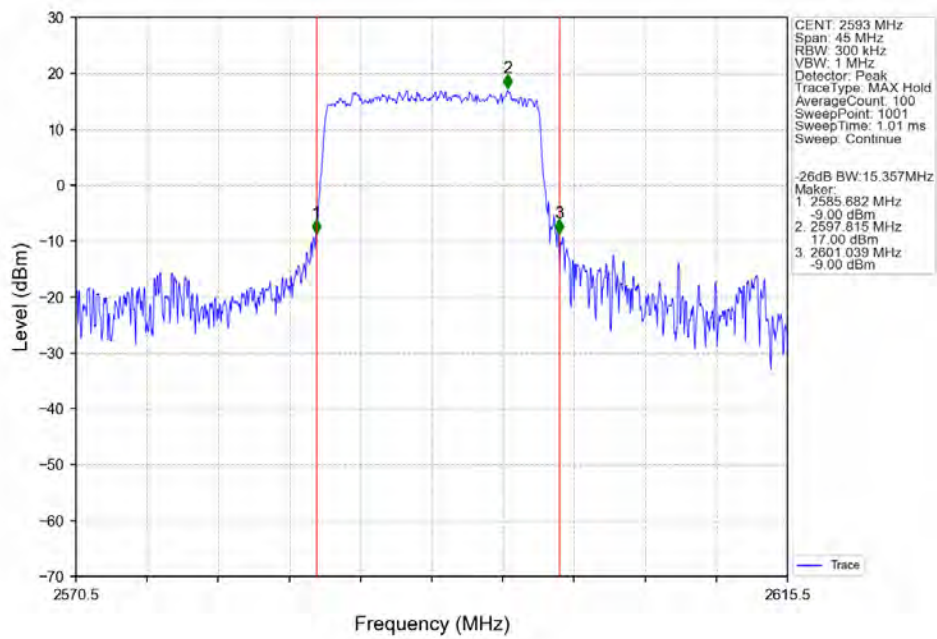
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



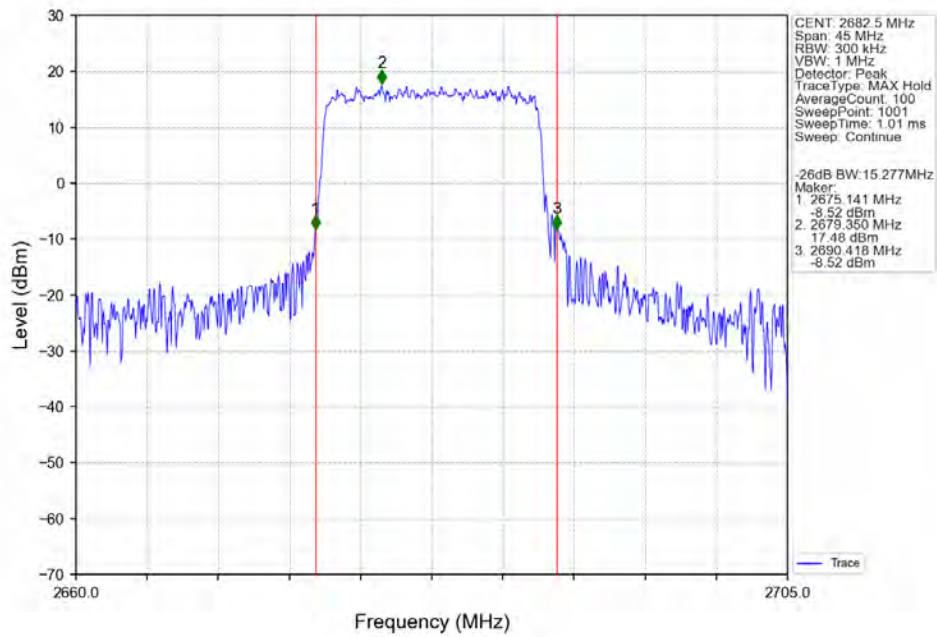
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



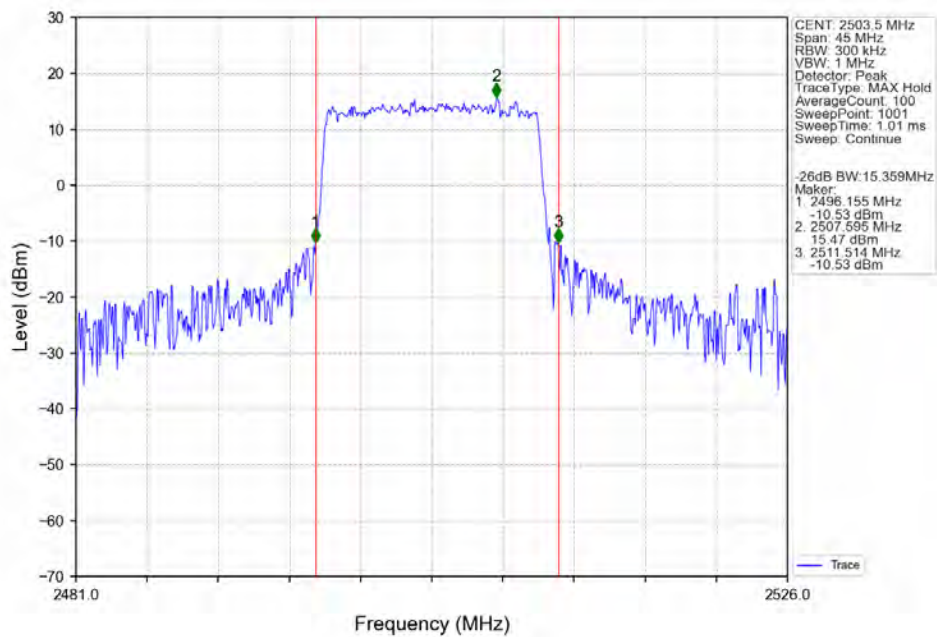
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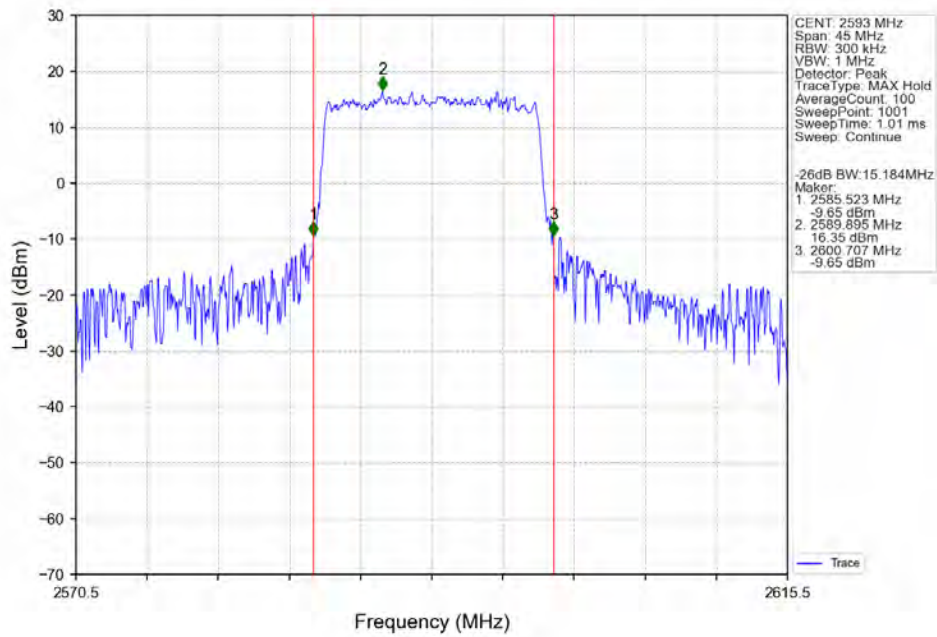
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



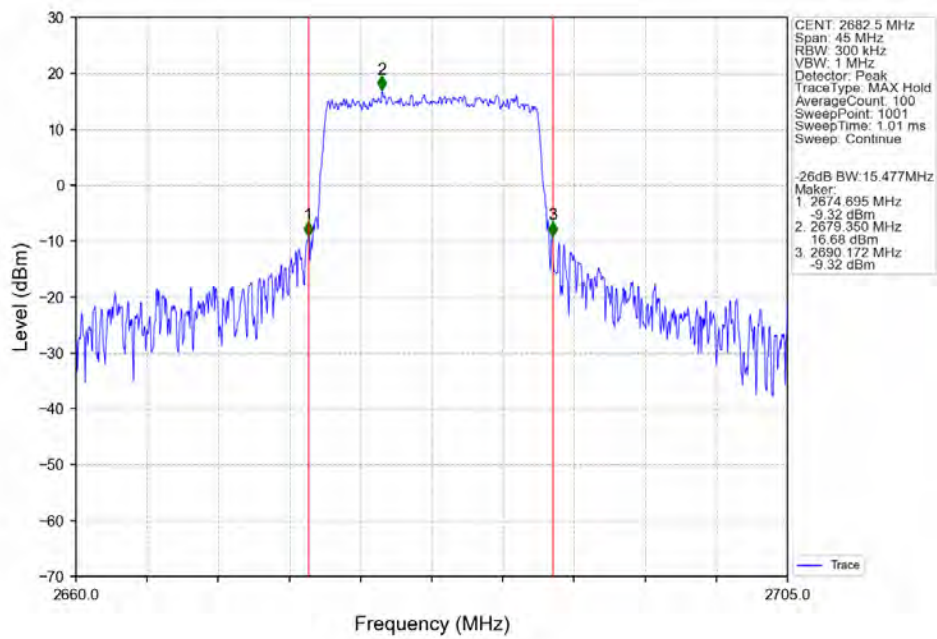
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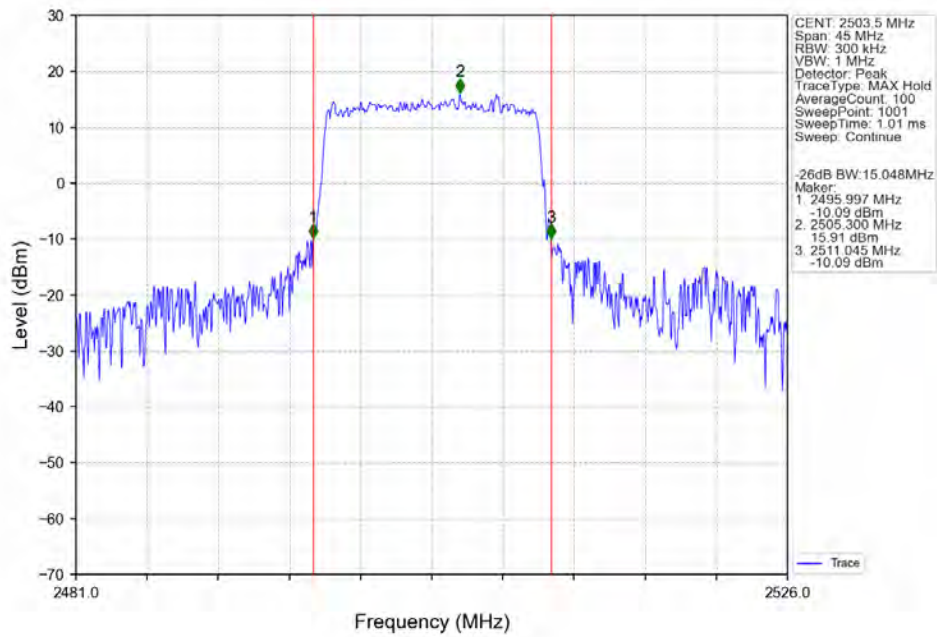
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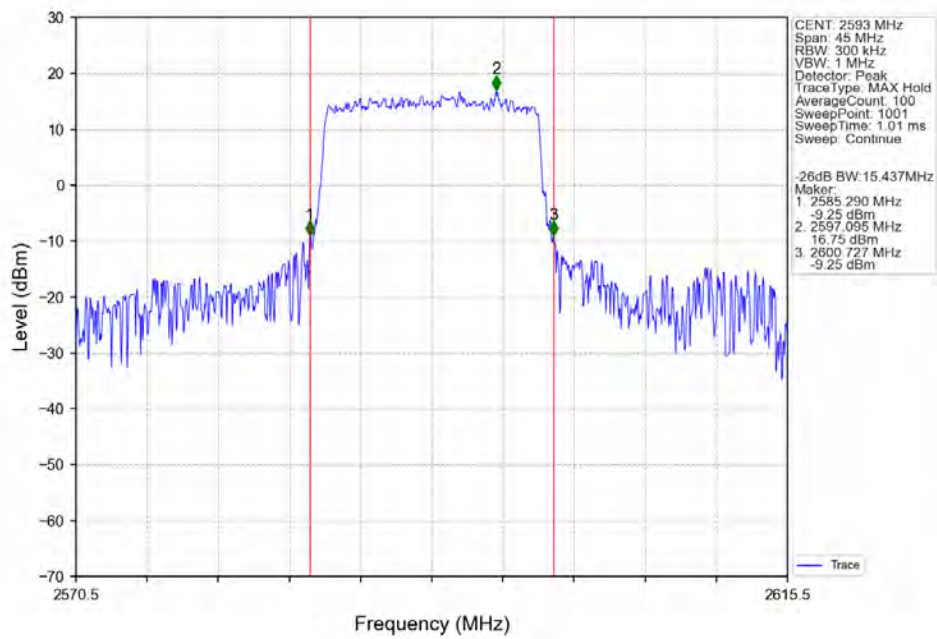
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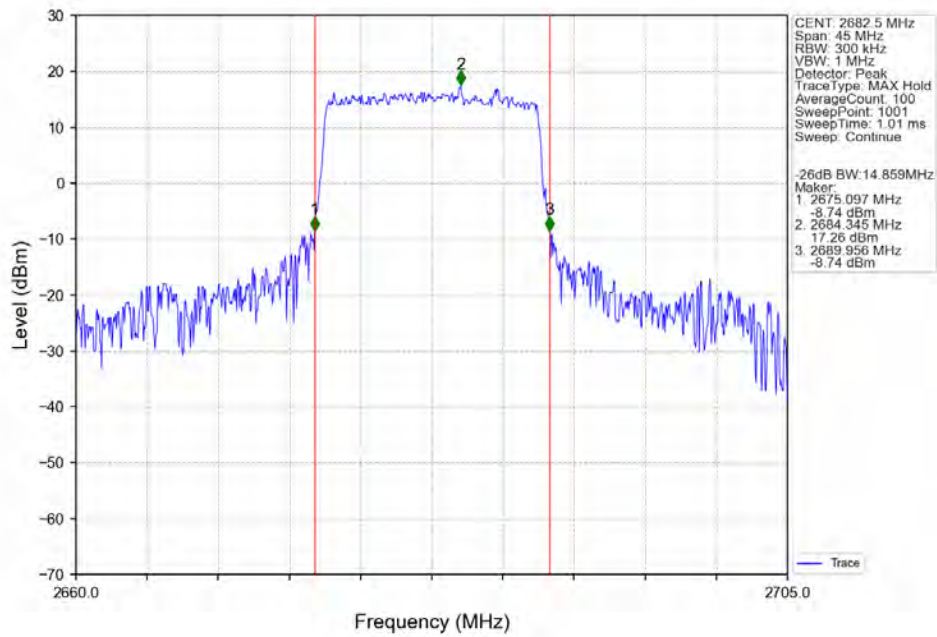
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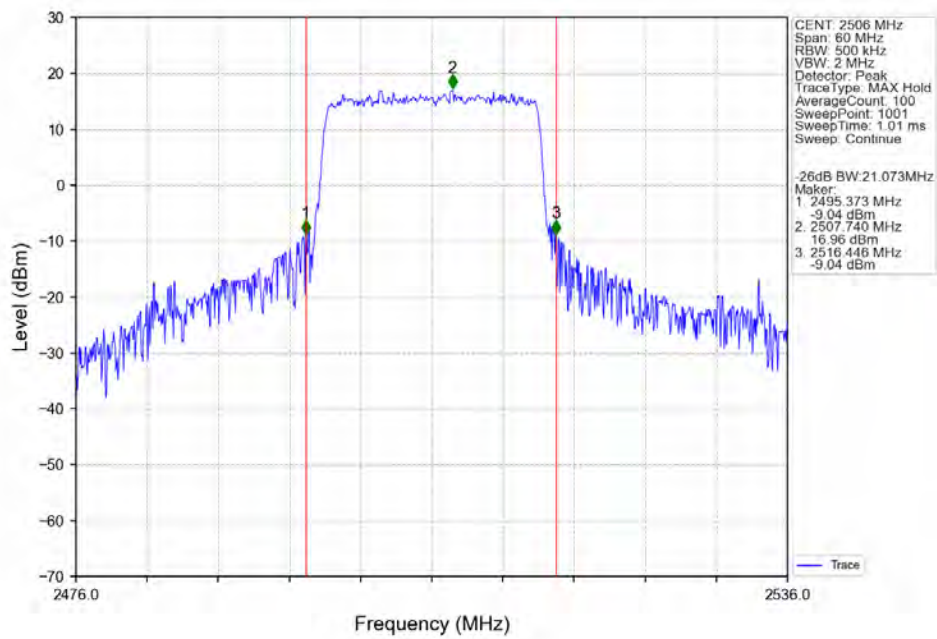
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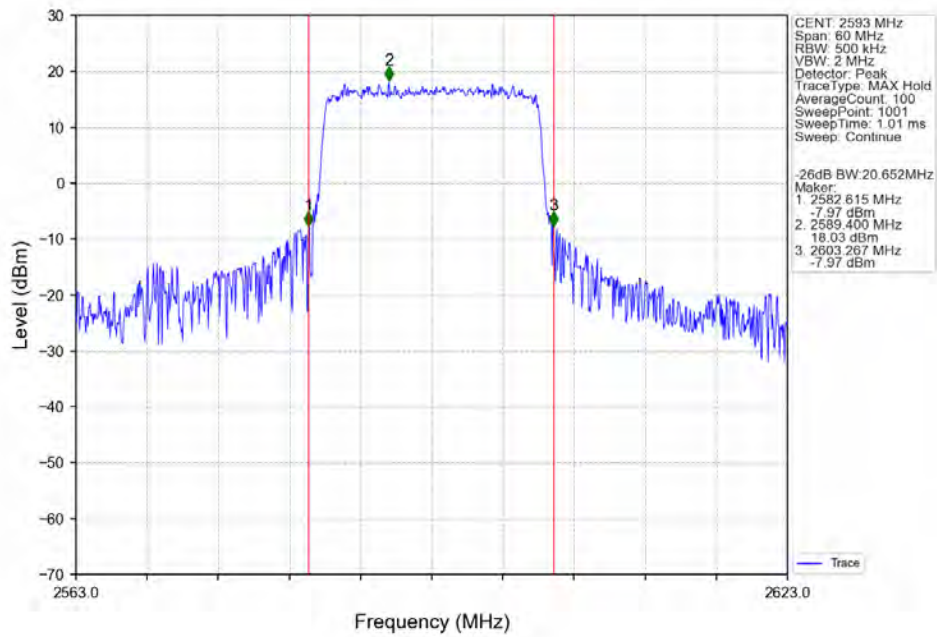
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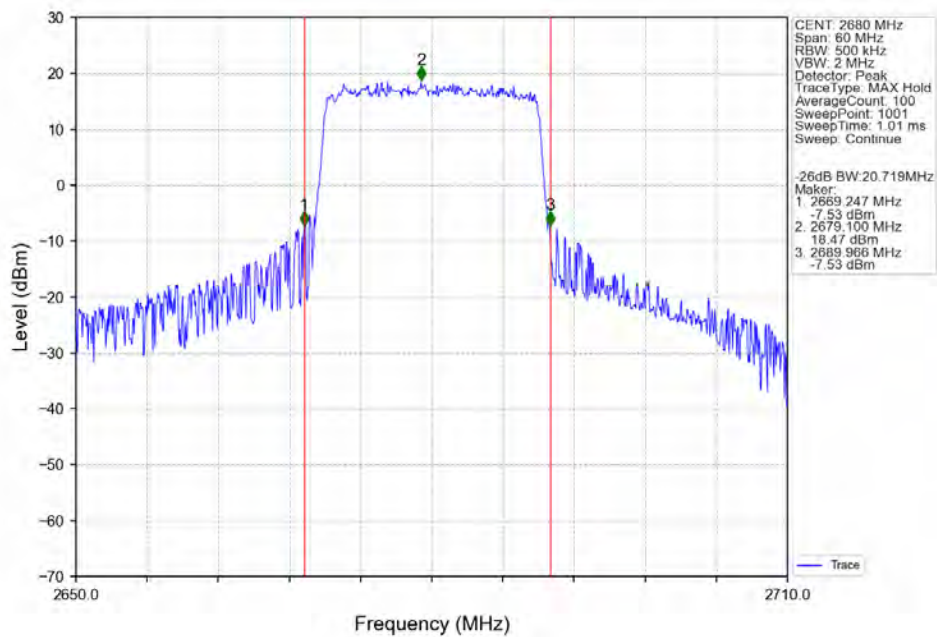
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



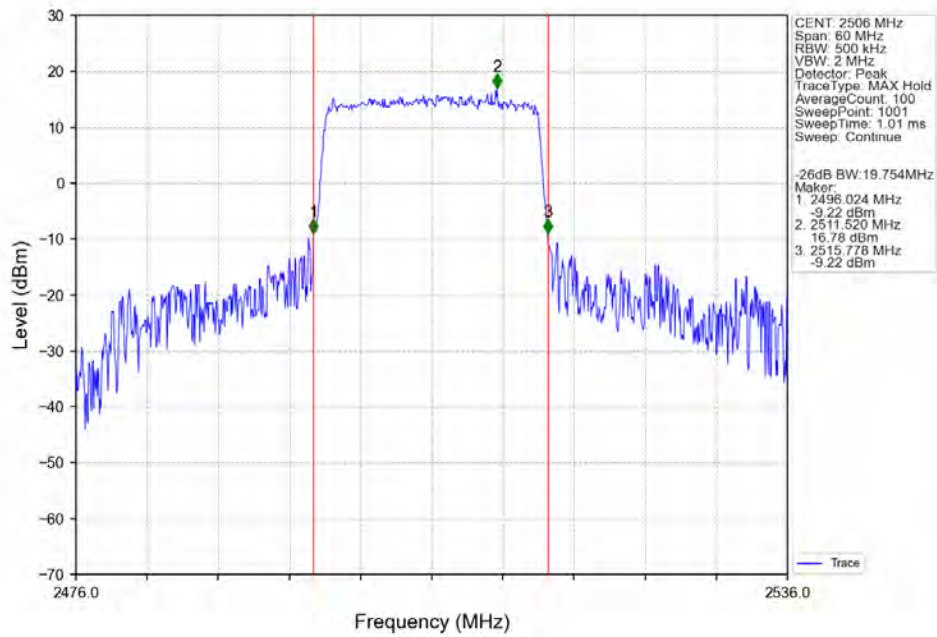
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



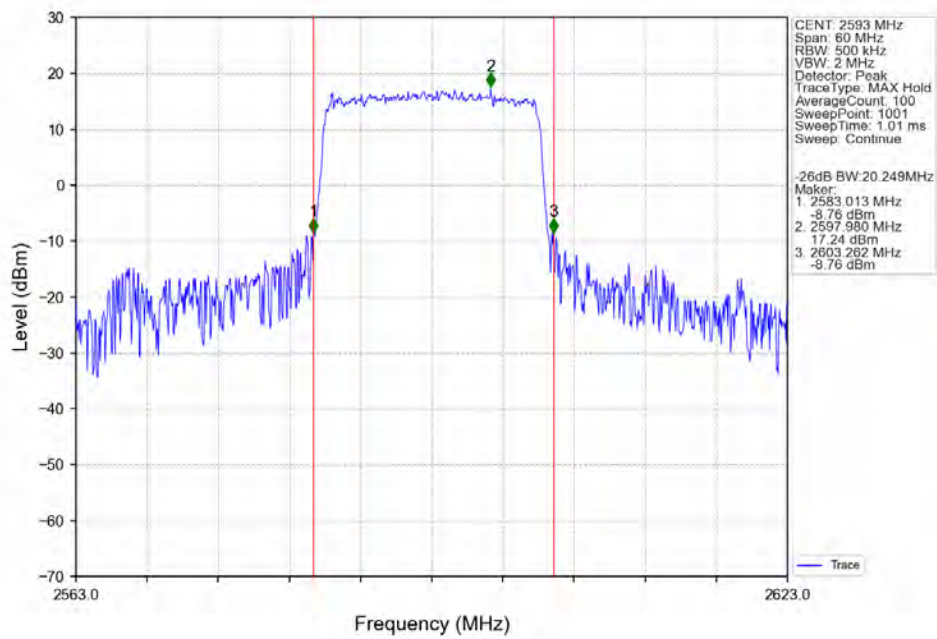
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



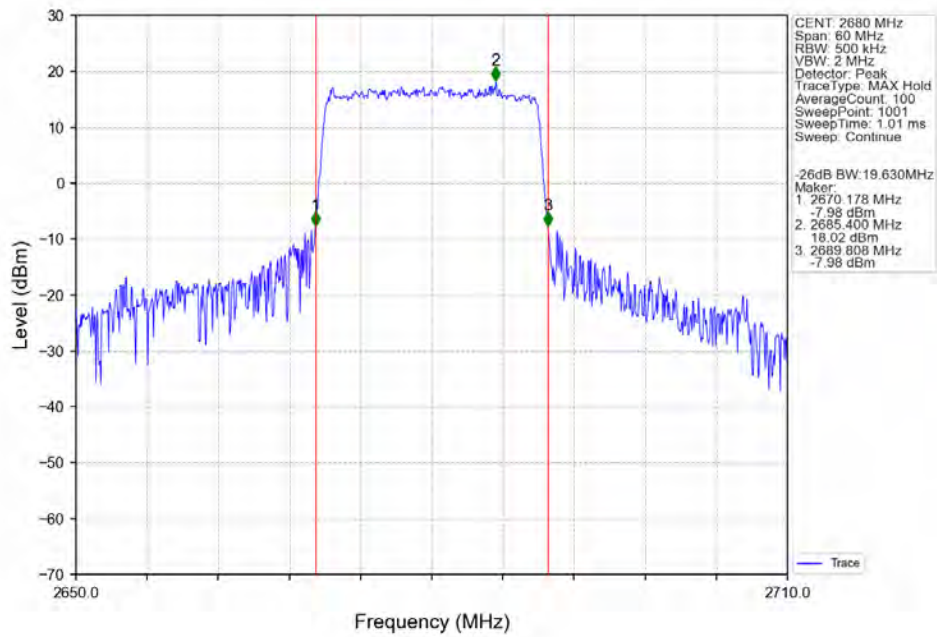
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



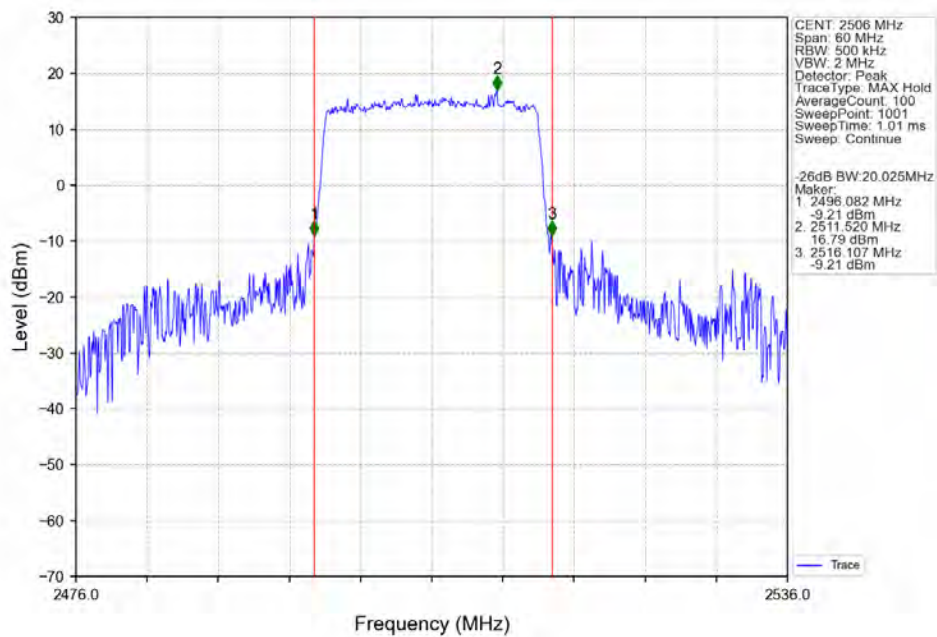
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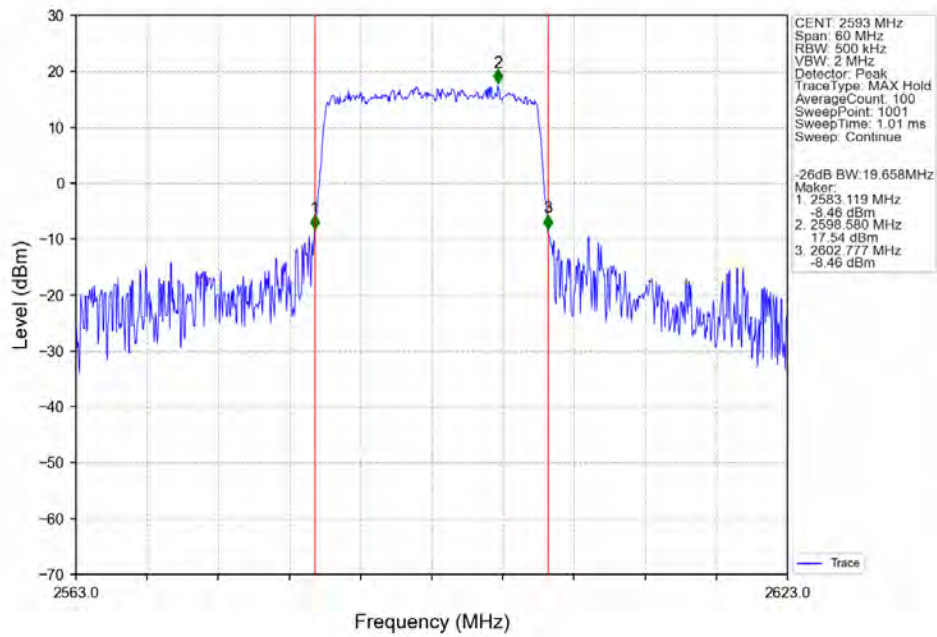
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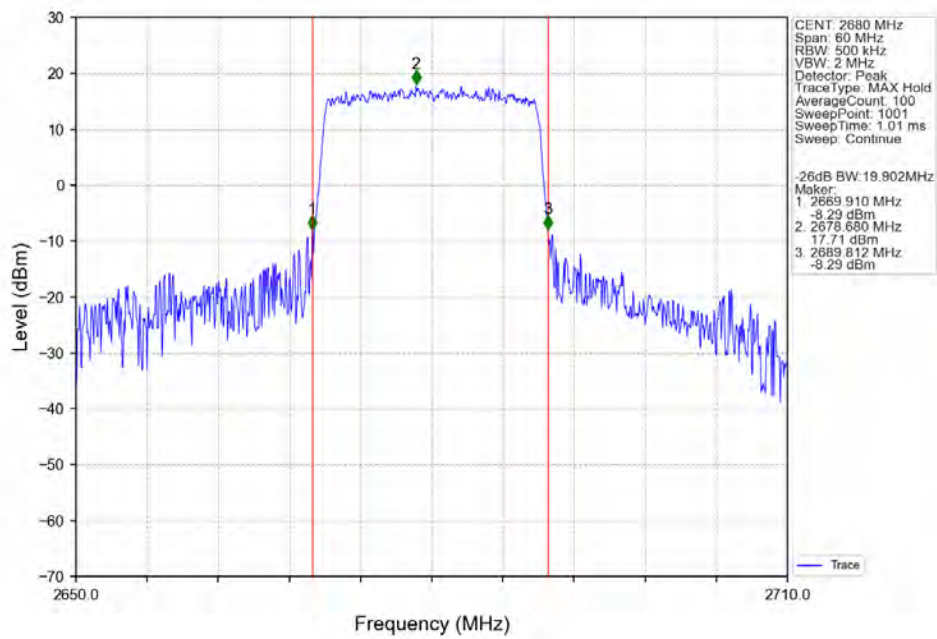
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.28	<=13	Pass
	2593	25	0	7.14	<=13	Pass
	2687.5	25	0	7.04	<=13	Pass
16QAM	2498.5	25	0	8.08	<=13	Pass
	2593	25	0	7.98	<=13	Pass
	2687.5	25	0	7.82	<=13	Pass
64QAM	2498.5	25	0	8.04	<=13	Pass
	2593	25	0	7.92	<=13	Pass
	2687.5	25	0	7.82	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.36	<=13	Pass
	2593	50	0	7.20	<=13	Pass
	2685	50	0	7.16	<=13	Pass
16QAM	2501	50	0	8.08	<=13	Pass
	2593	50	0	8.00	<=13	Pass
	2685	50	0	7.90	<=13	Pass
64QAM	2501	50	0	8.14	<=13	Pass
	2593	50	0	8.02	<=13	Pass
	2685	50	0	7.88	<=13	Pass

4.1.3 B41_15MHz

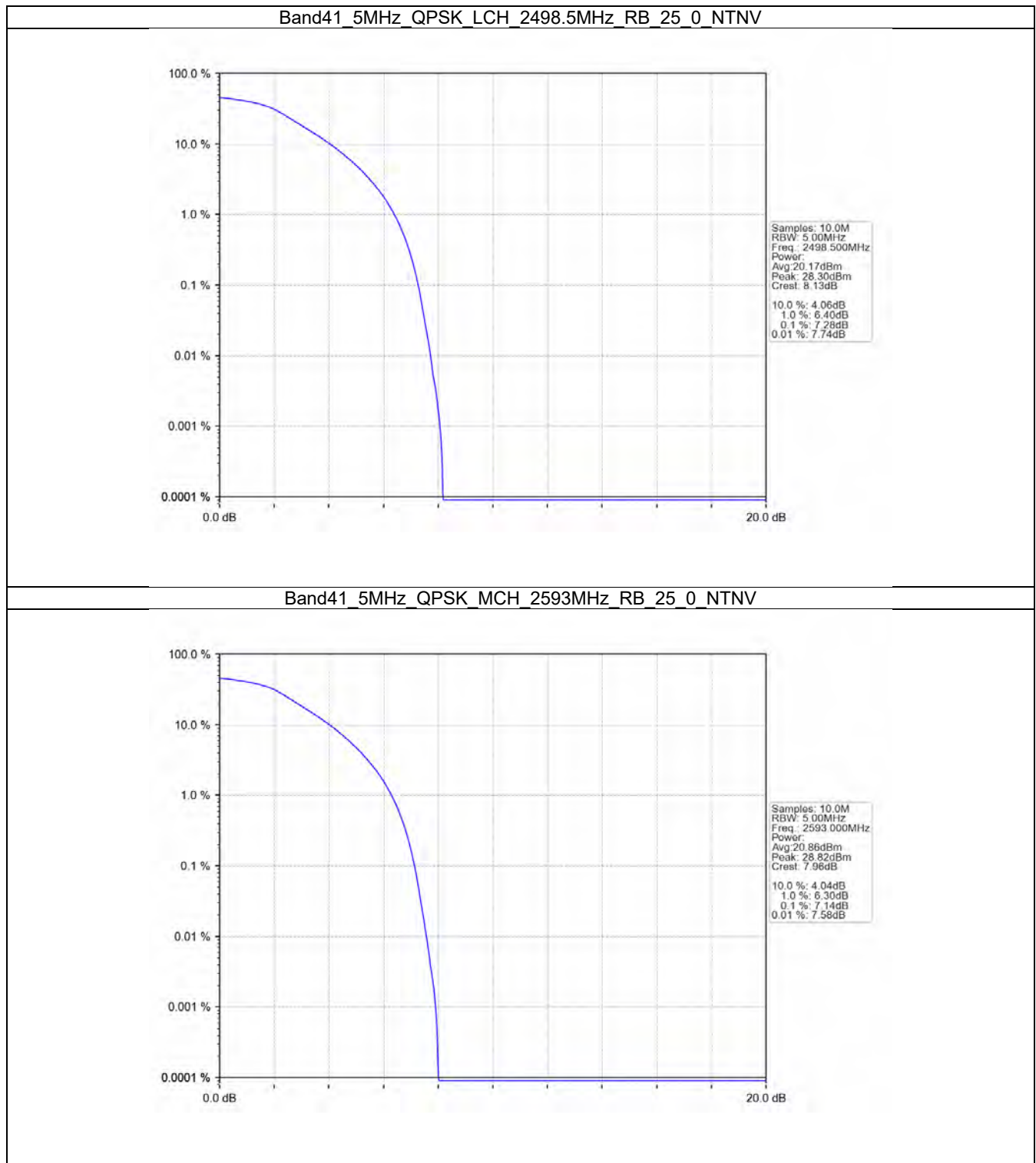
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.24	<=13	Pass
	2593	75	0	7.14	<=13	Pass
	2682.5	75	0	7.04	<=13	Pass
16QAM	2503.5	75	0	8.26	<=13	Pass
	2593	75	0	7.90	<=13	Pass
	2682.5	75	0	7.60	<=13	Pass
64QAM	2503.5	75	0	8.36	<=13	Pass
	2593	75	0	7.88	<=13	Pass
	2682.5	75	0	7.60	<=13	Pass

4.1.4 B41_20MHz

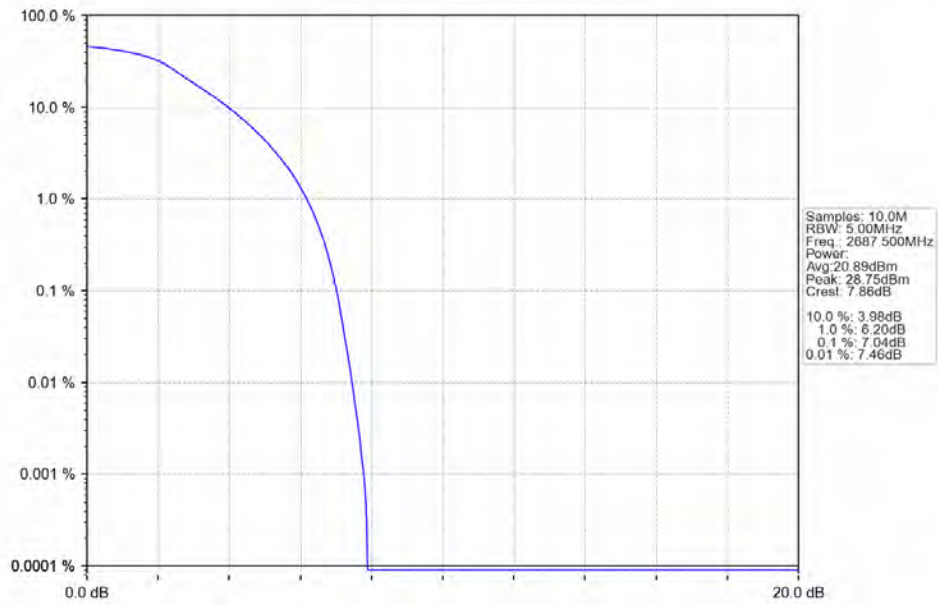
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.32	<=13	Pass
	2593	100	0	7.10	<=13	Pass
	2680	100	0	6.92	<=13	Pass
16QAM	2506	100	0	8.14	<=13	Pass
	2593	100	0	7.92	<=13	Pass
	2680	100	0	7.62	<=13	Pass
64QAM	2506	100	0	8.12	<=13	Pass
	2593	100	0	8.10	<=13	Pass
	2680	100	0	7.72	<=13	Pass

4.2 Test Graph

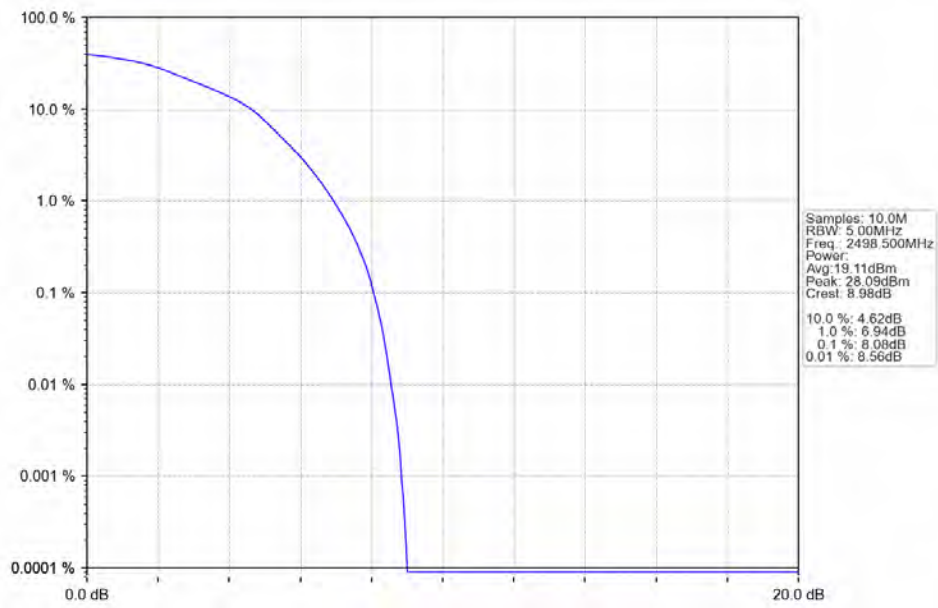
4.2.1 B41_5MHz



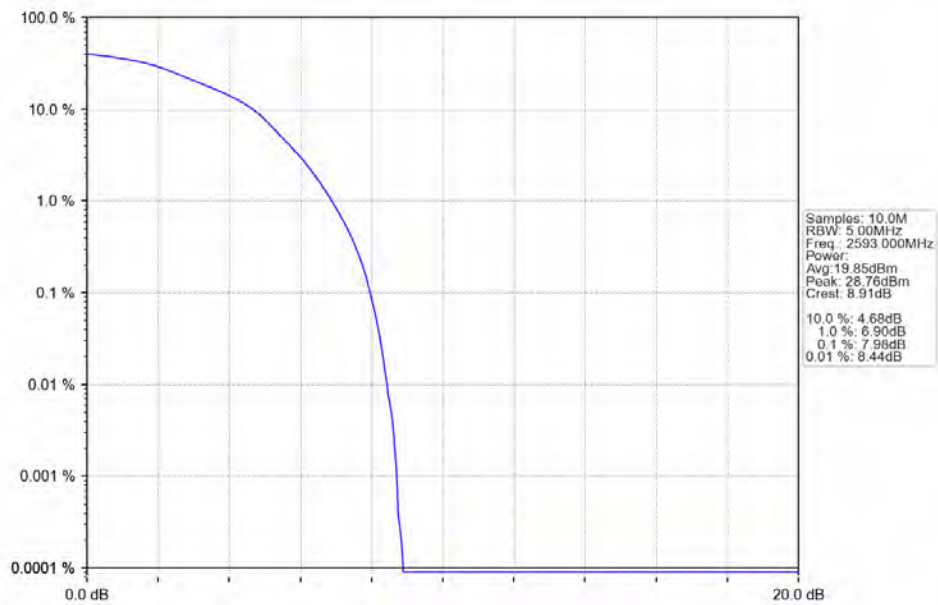
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



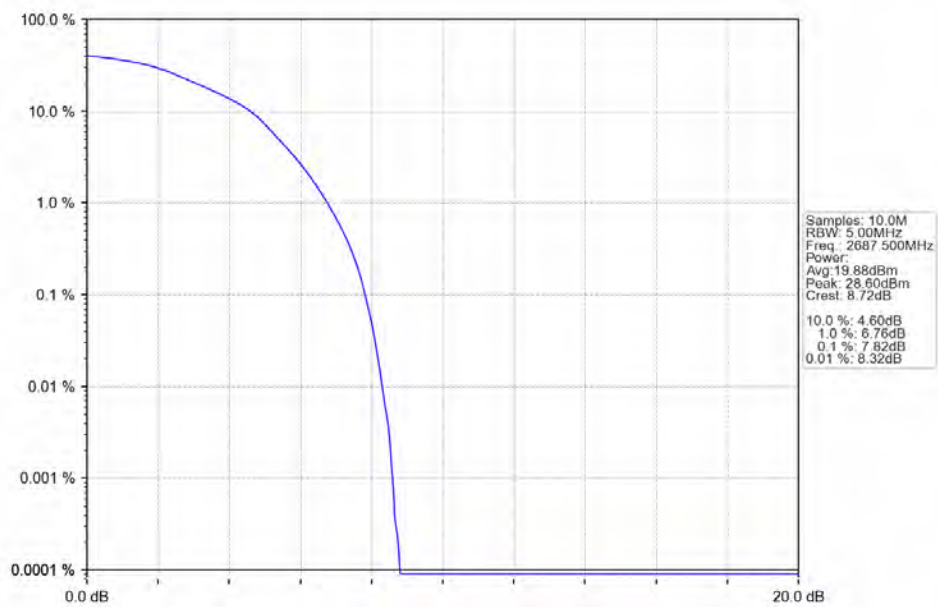
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



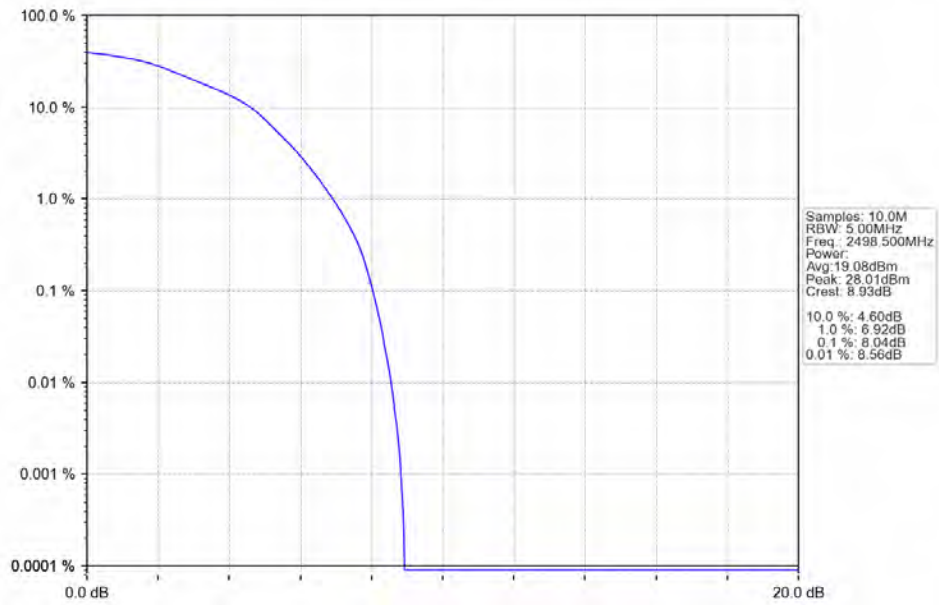
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



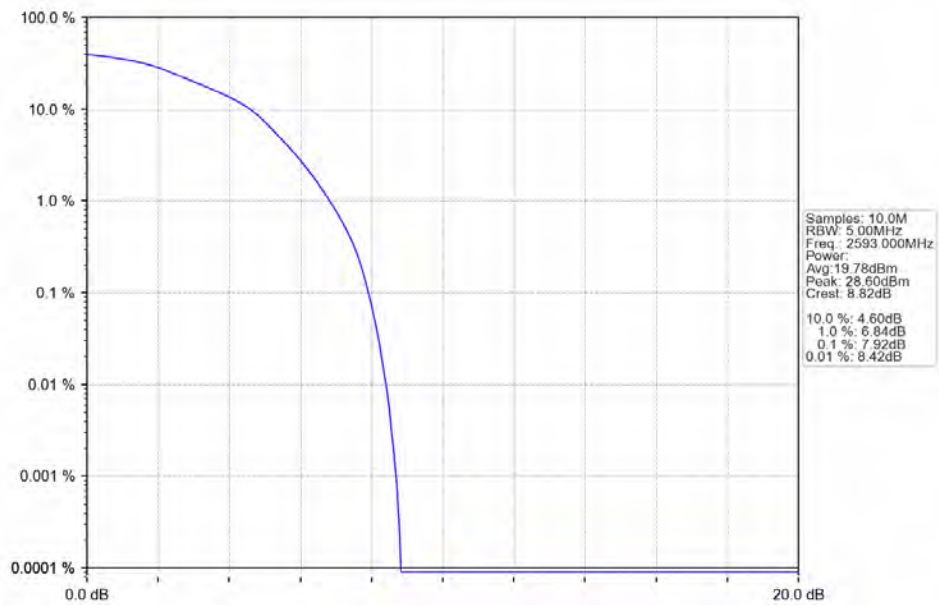
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



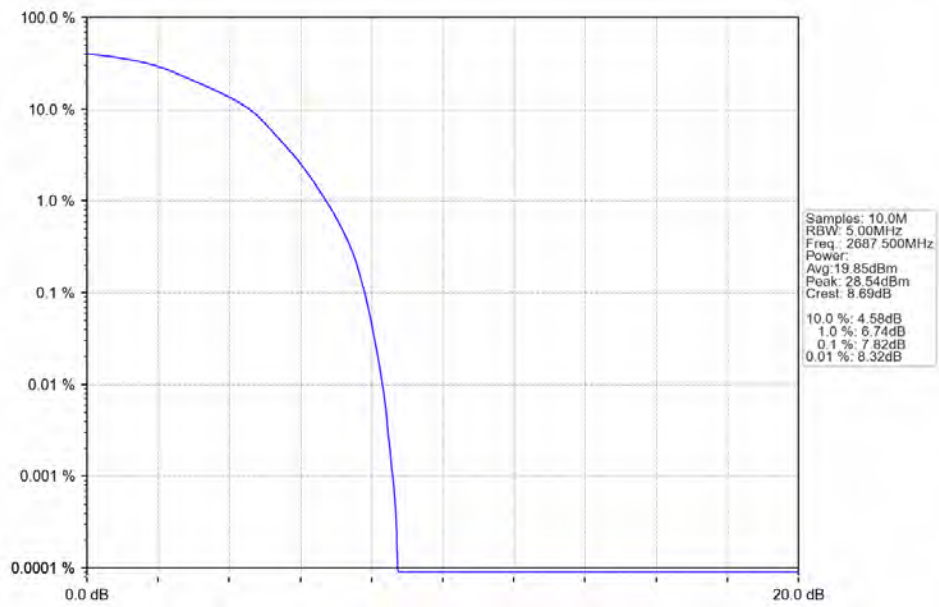
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV

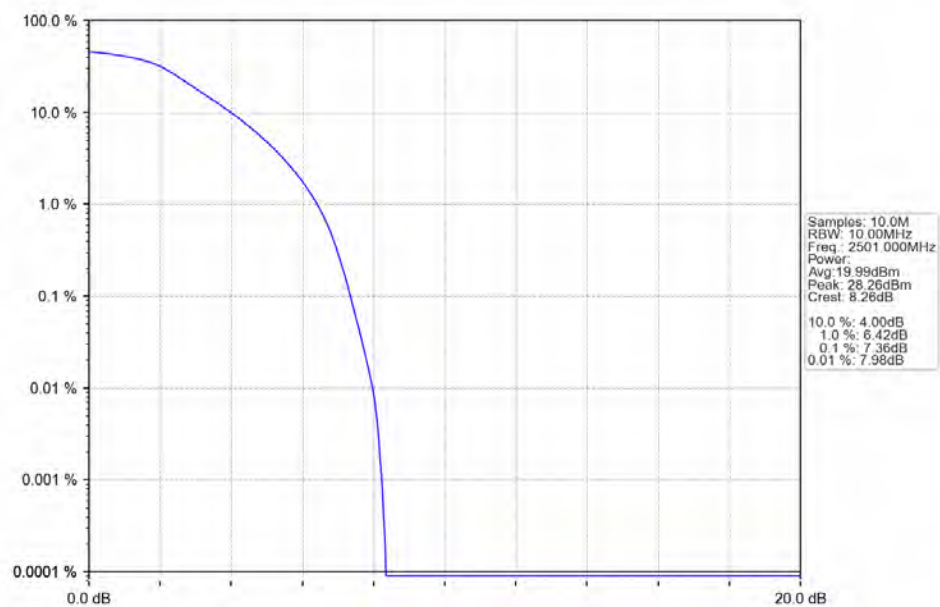


Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV

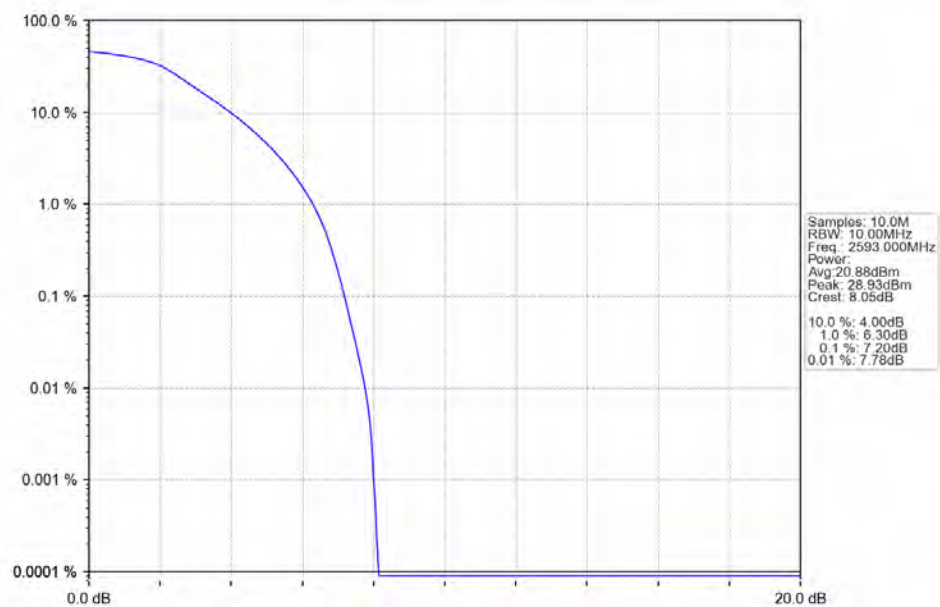


4.2.2 B41_10MHz

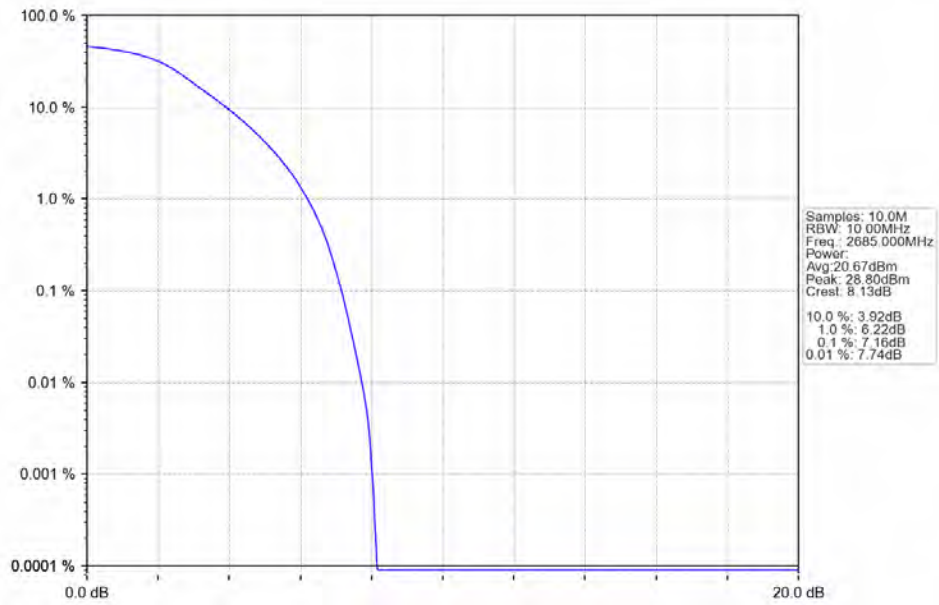
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



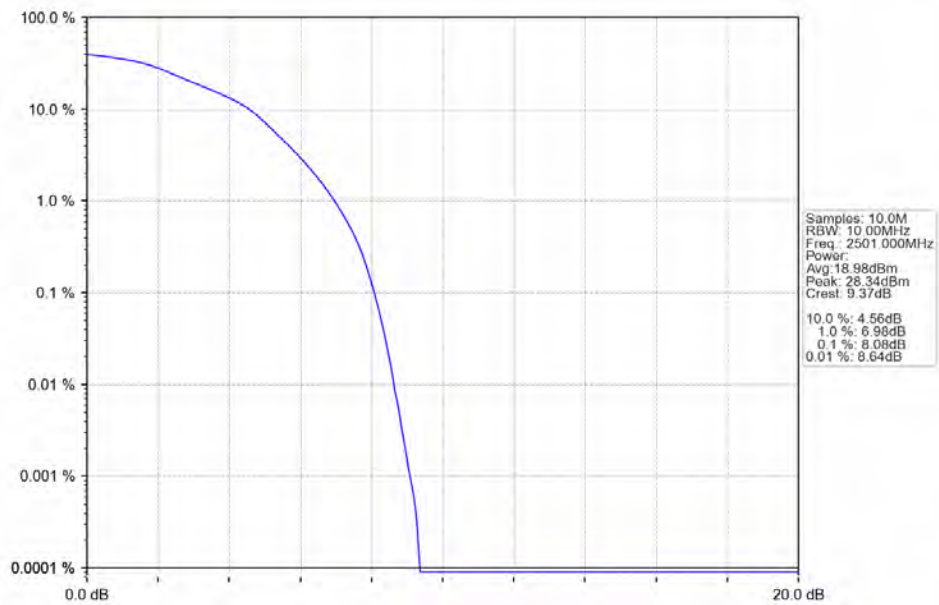
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



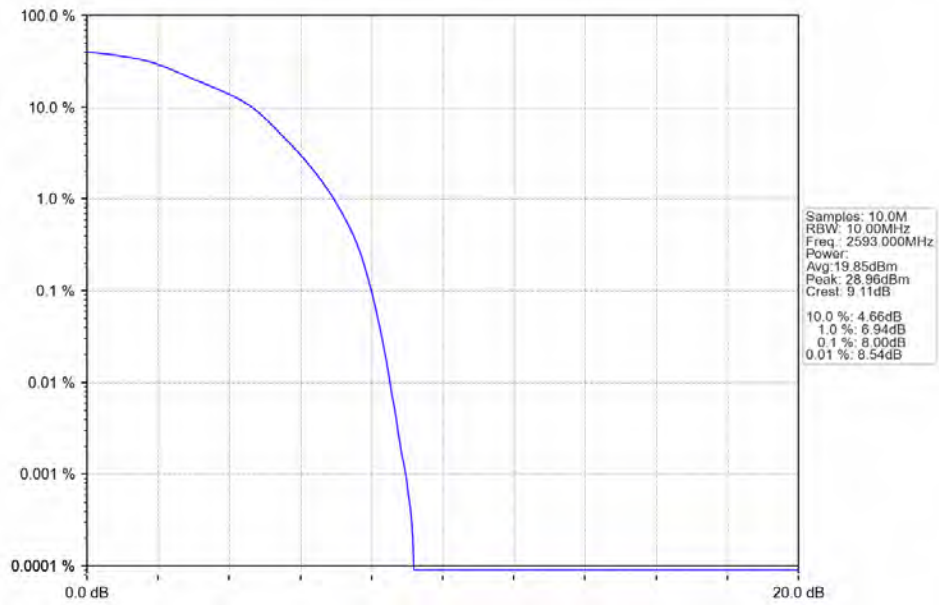
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



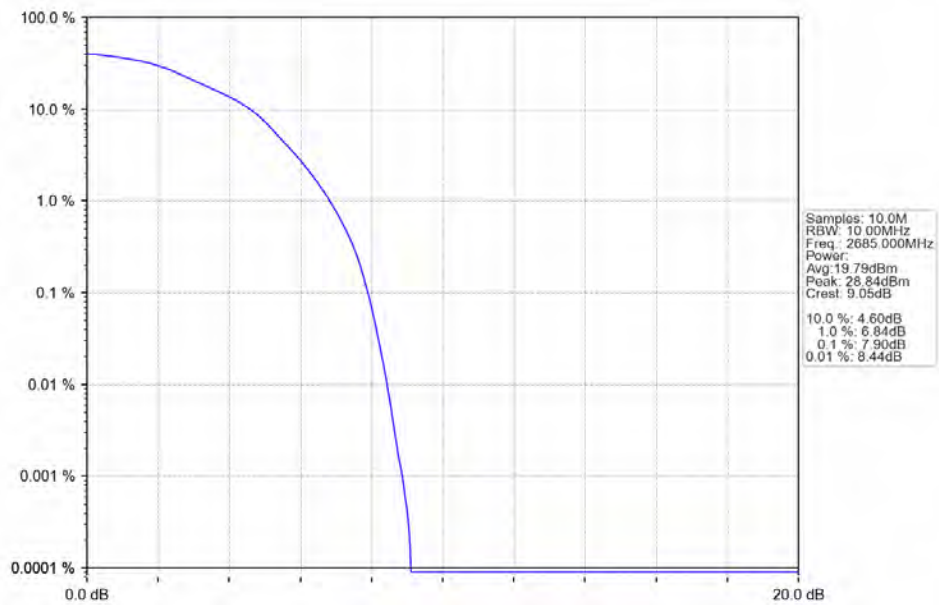
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



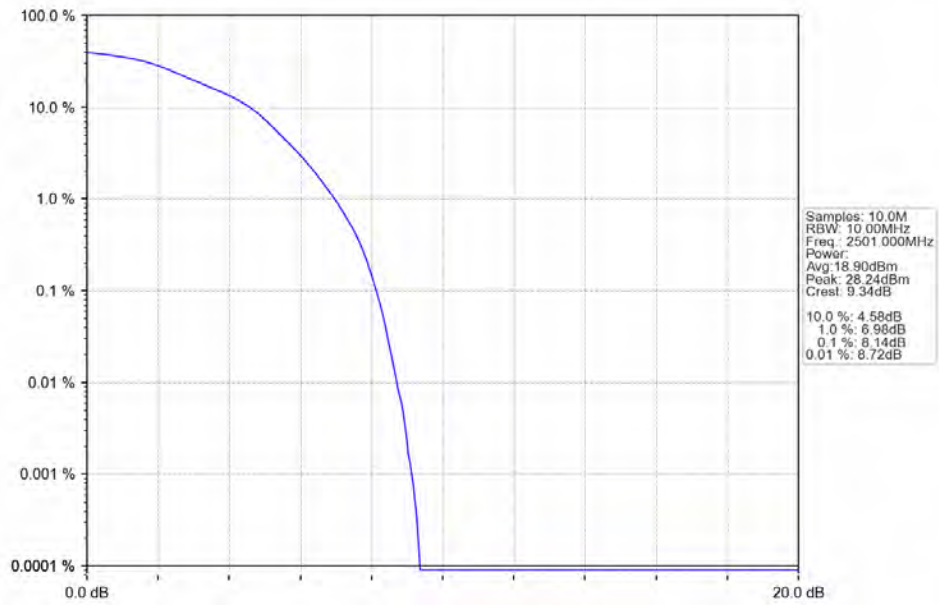
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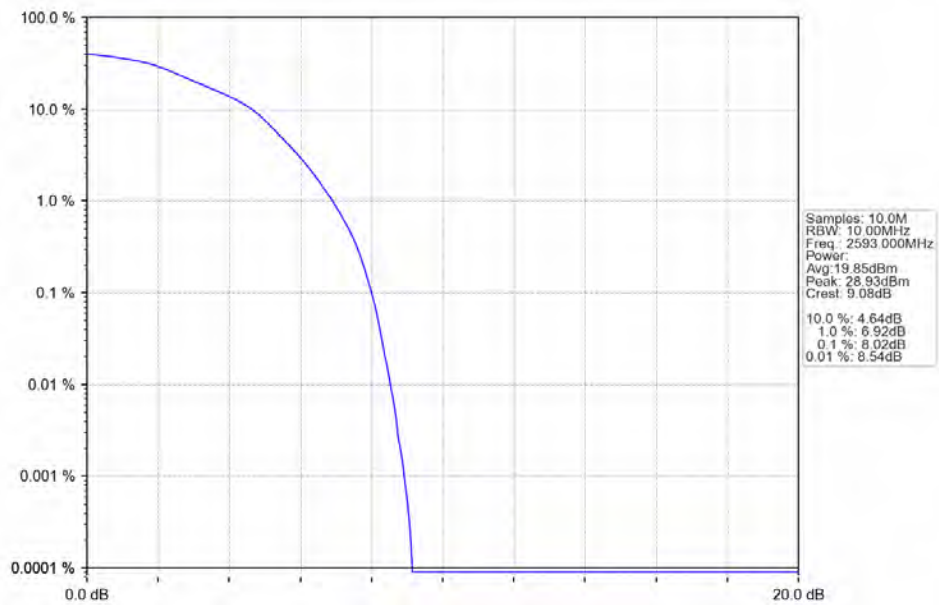
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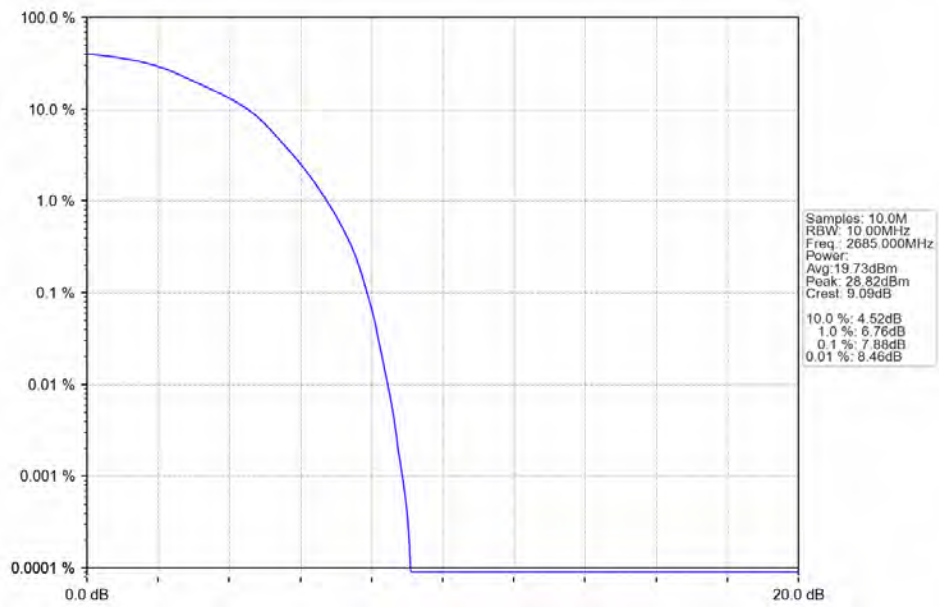
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Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV

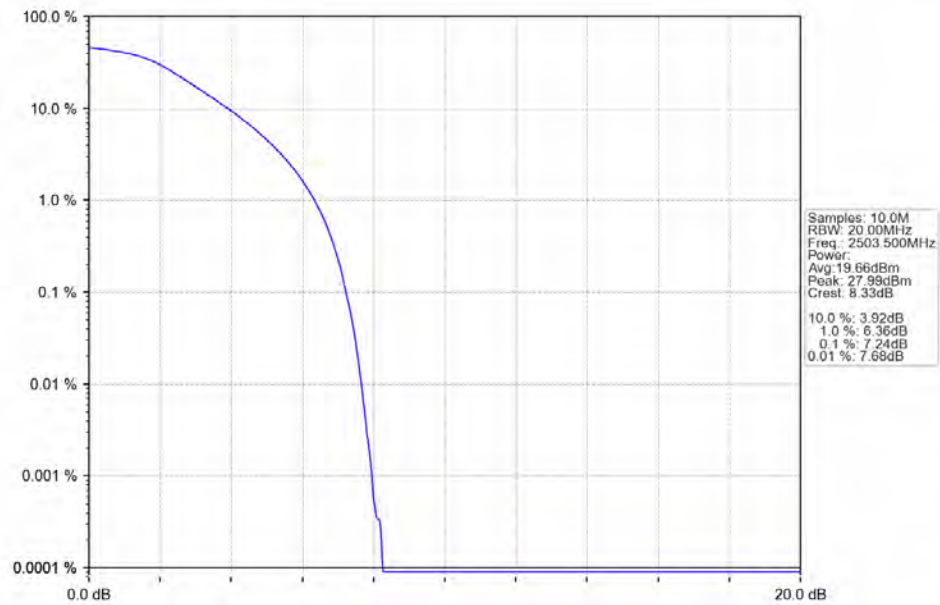


Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV

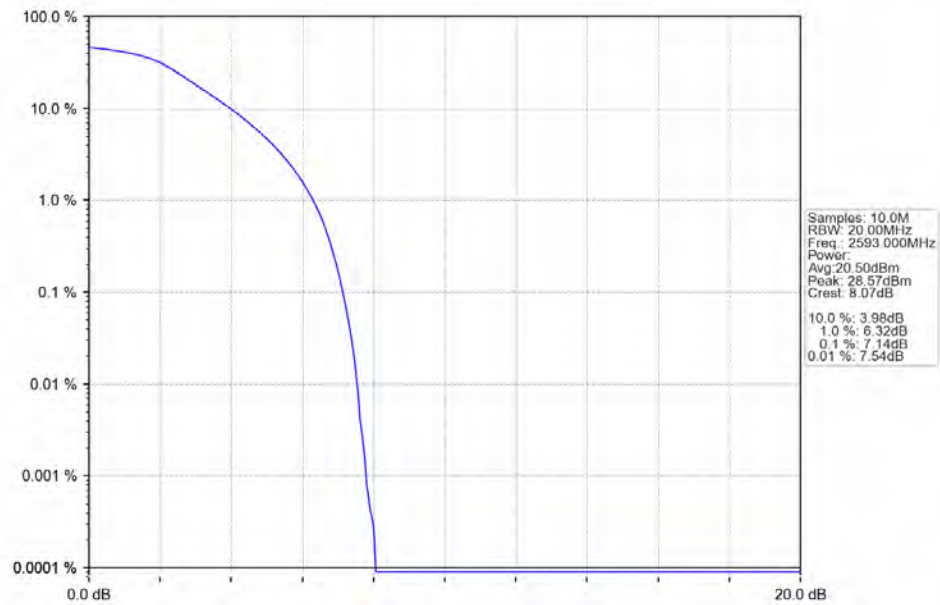


4.2.3 B41_15MHz

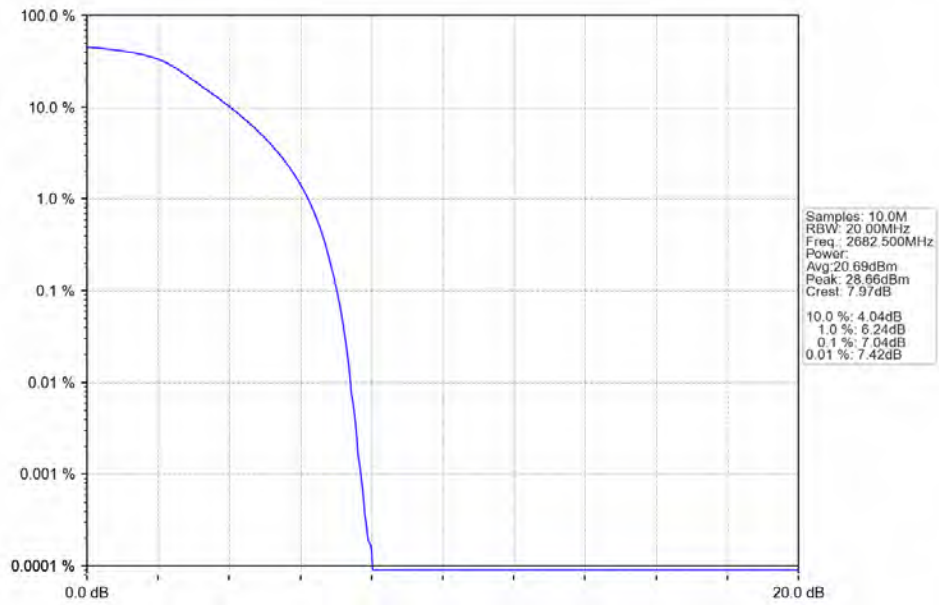
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



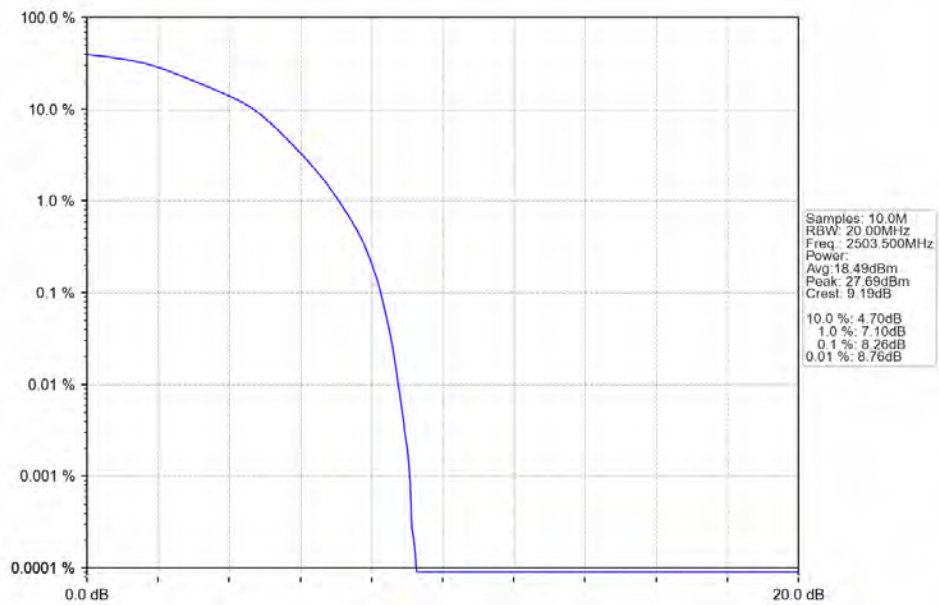
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



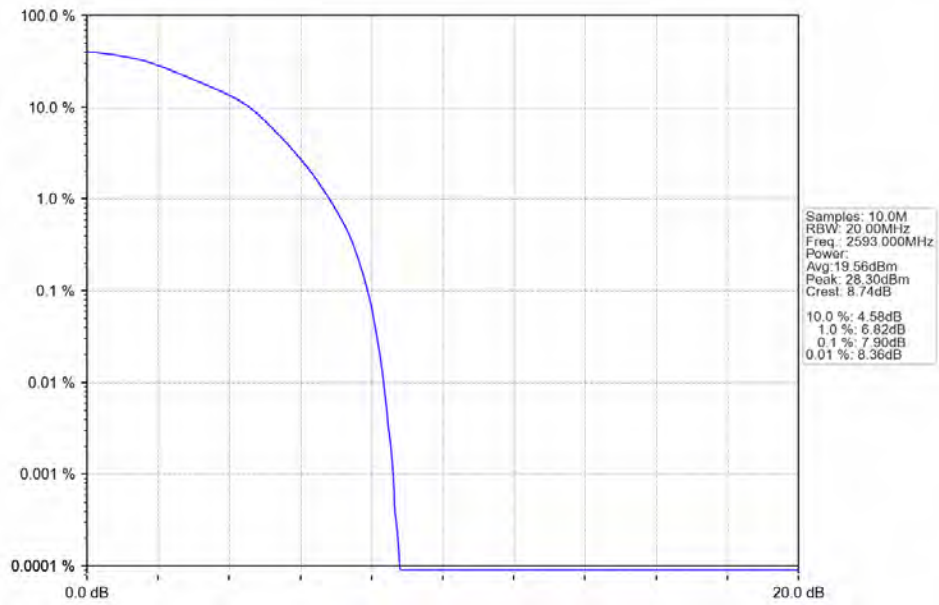
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



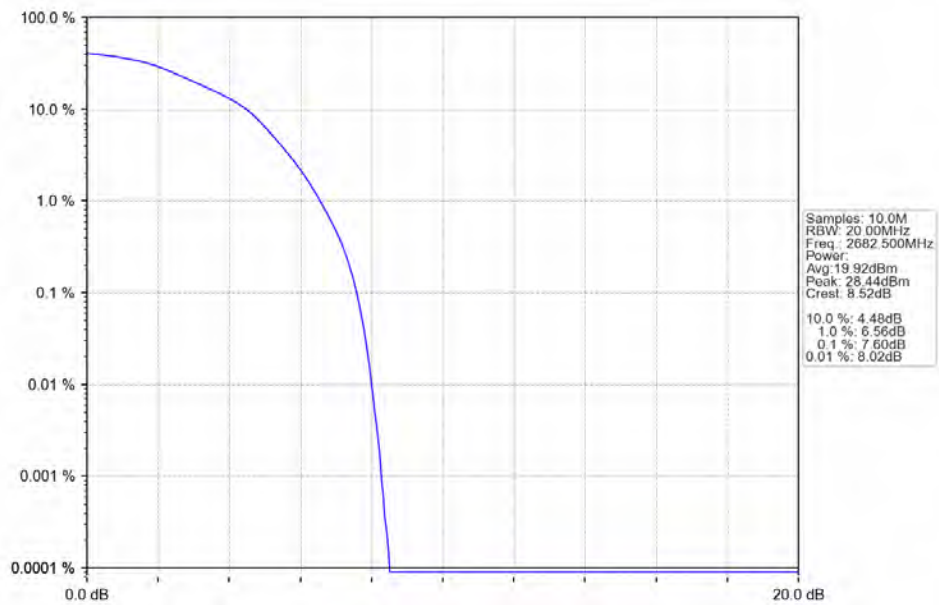
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



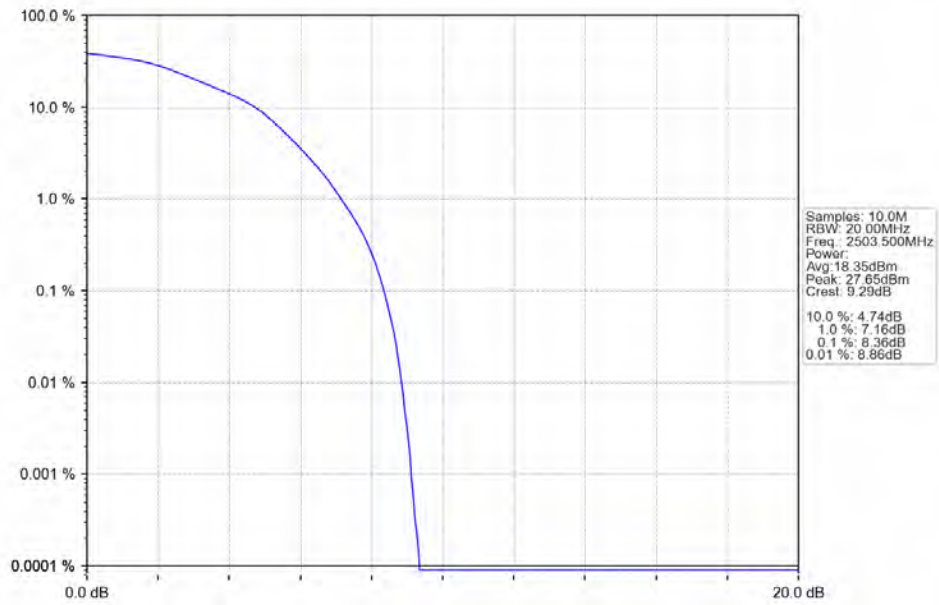
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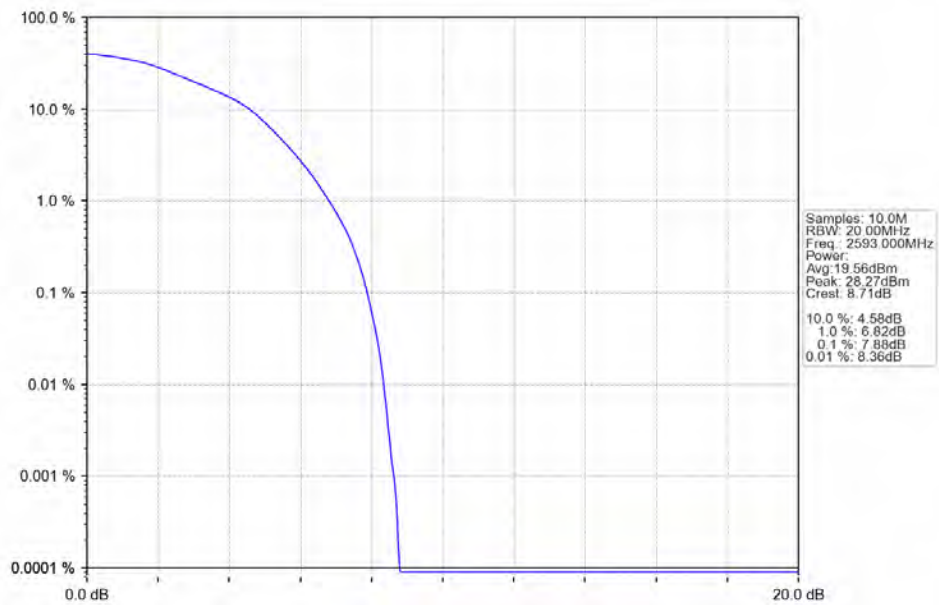
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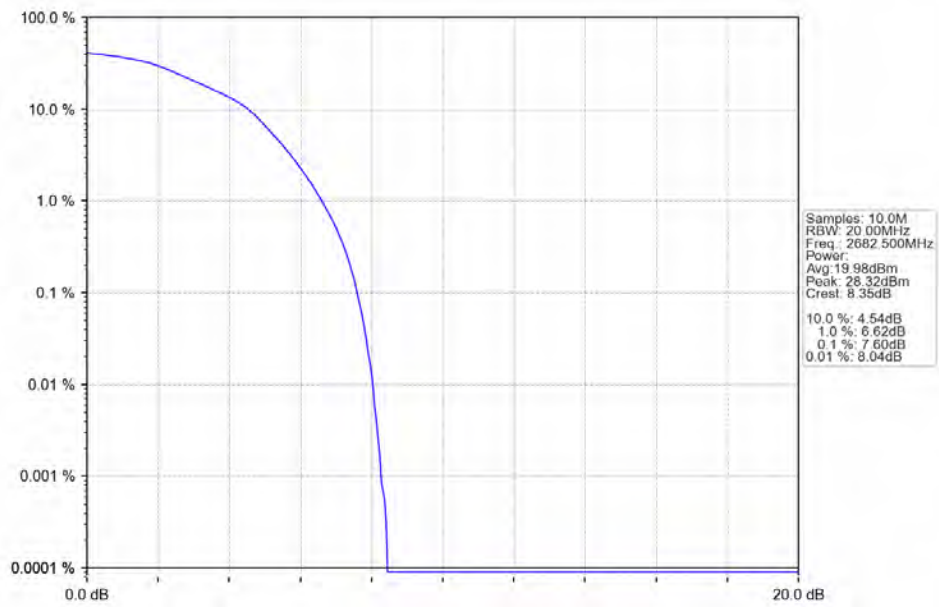
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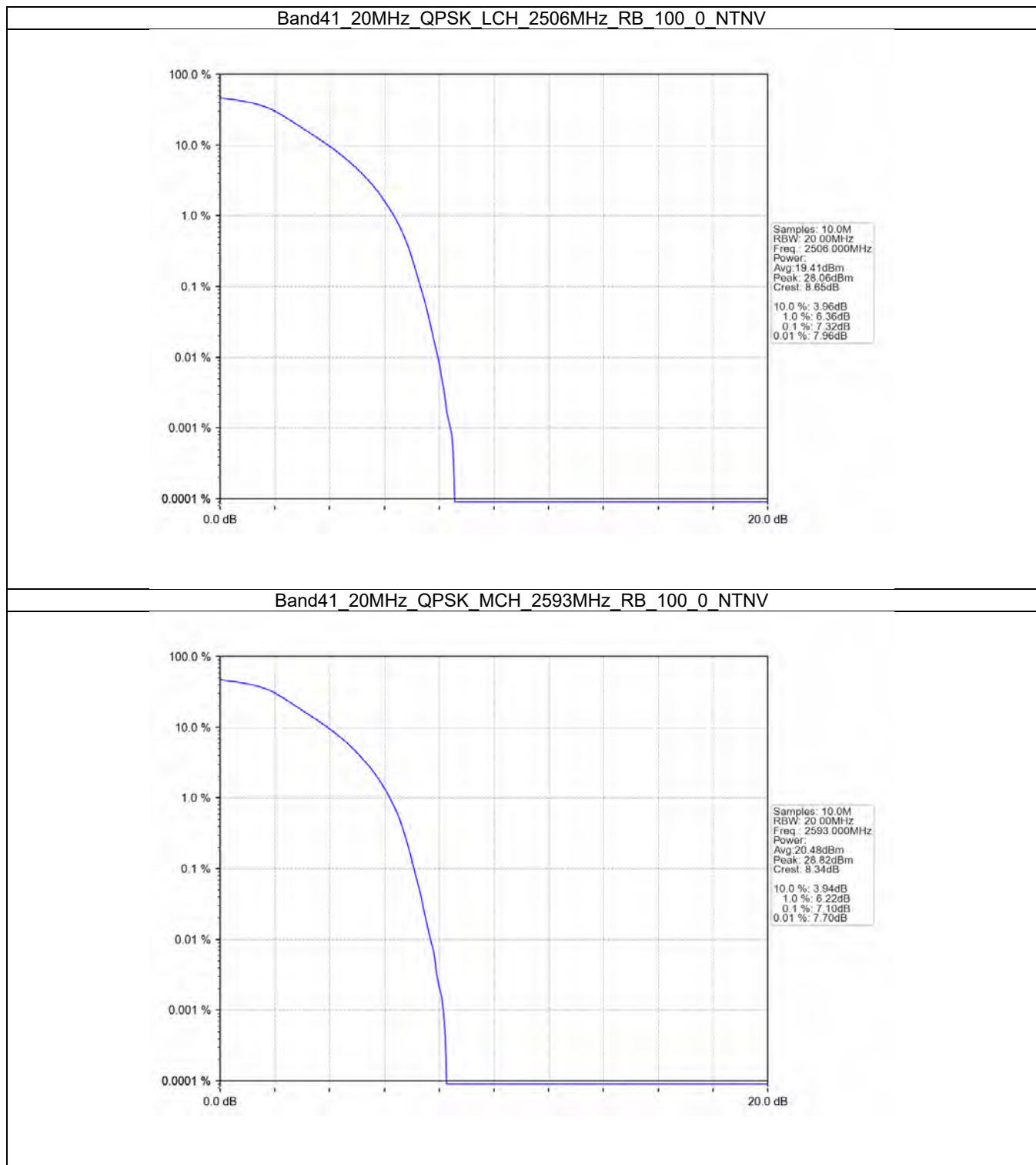
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



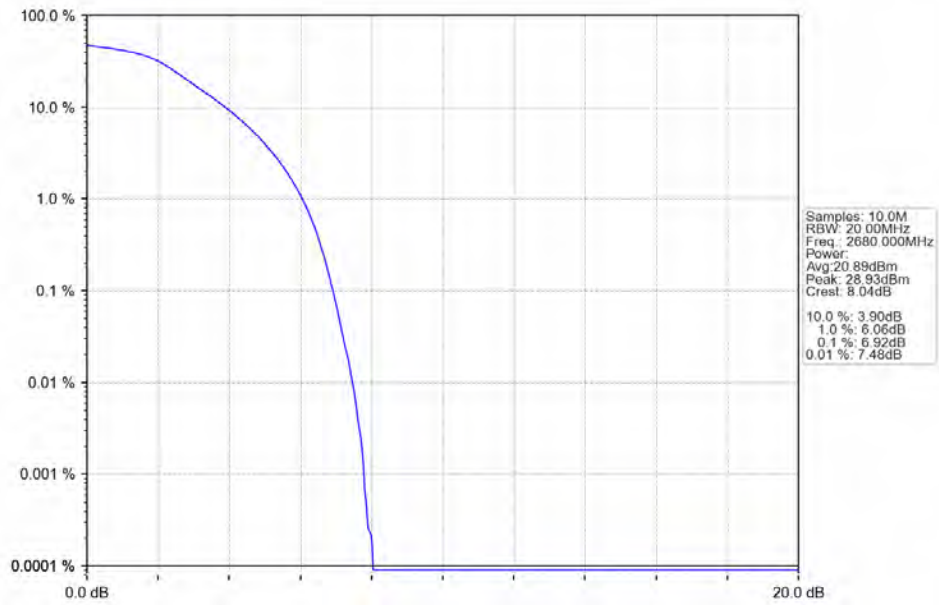
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



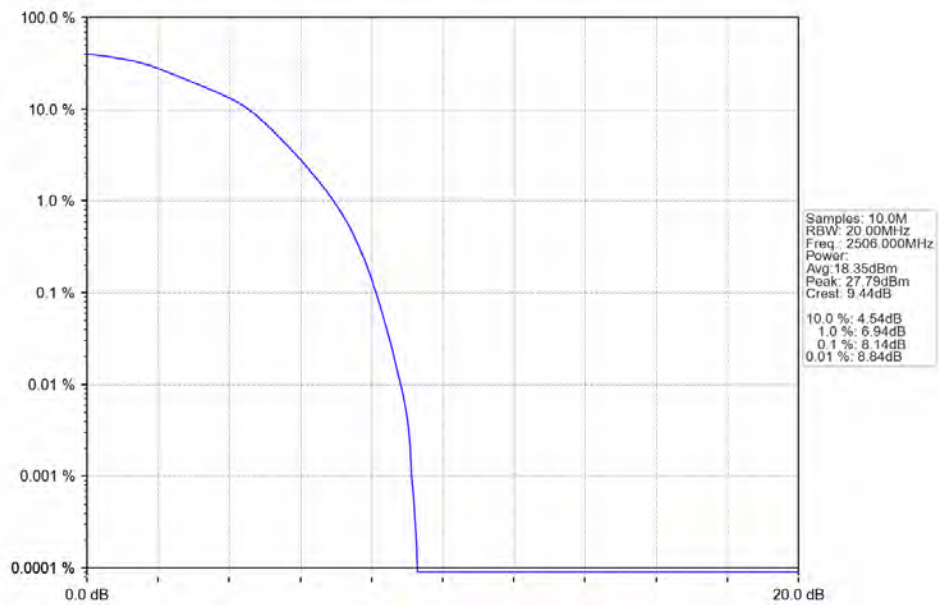
4.2.4 B41_20MHz



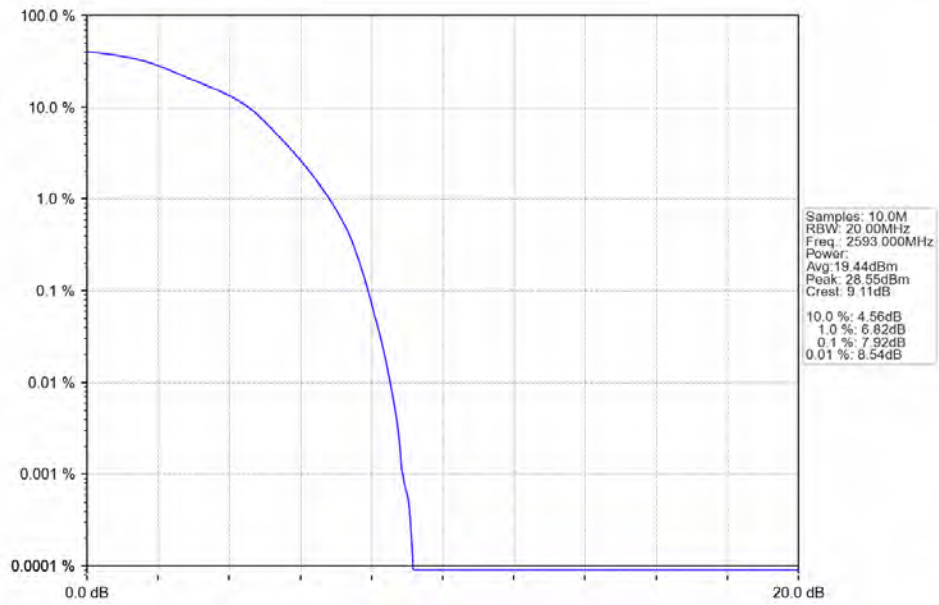
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



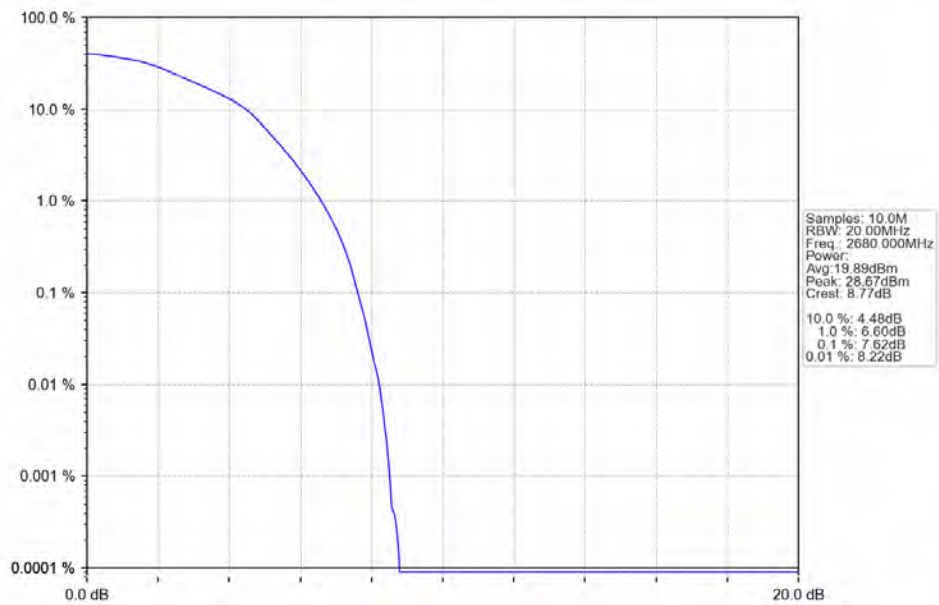
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



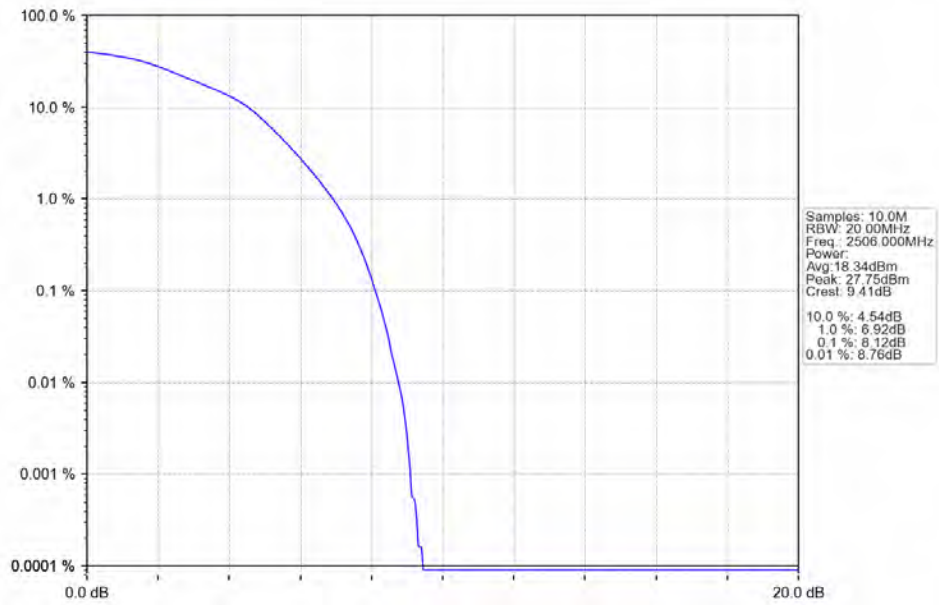
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



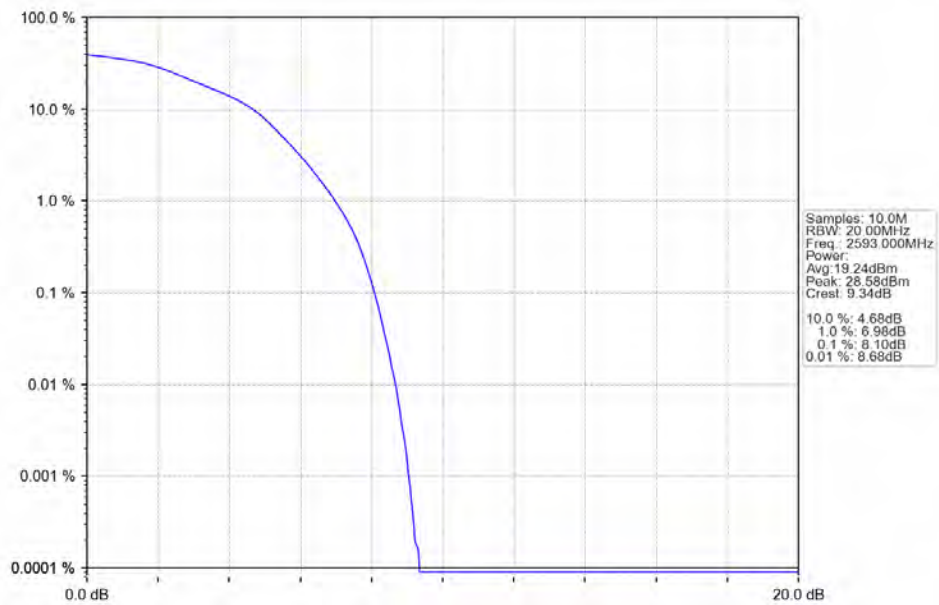
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



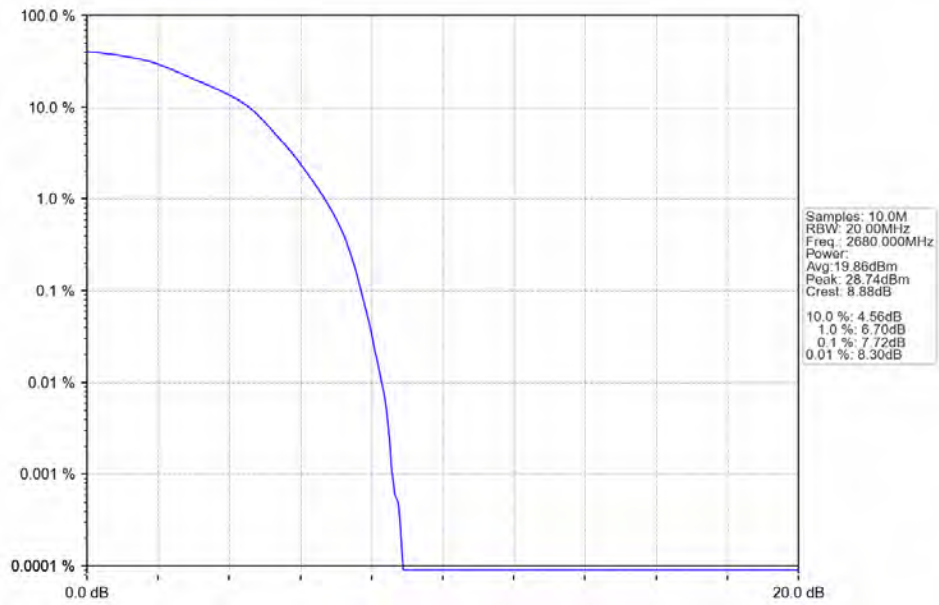
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

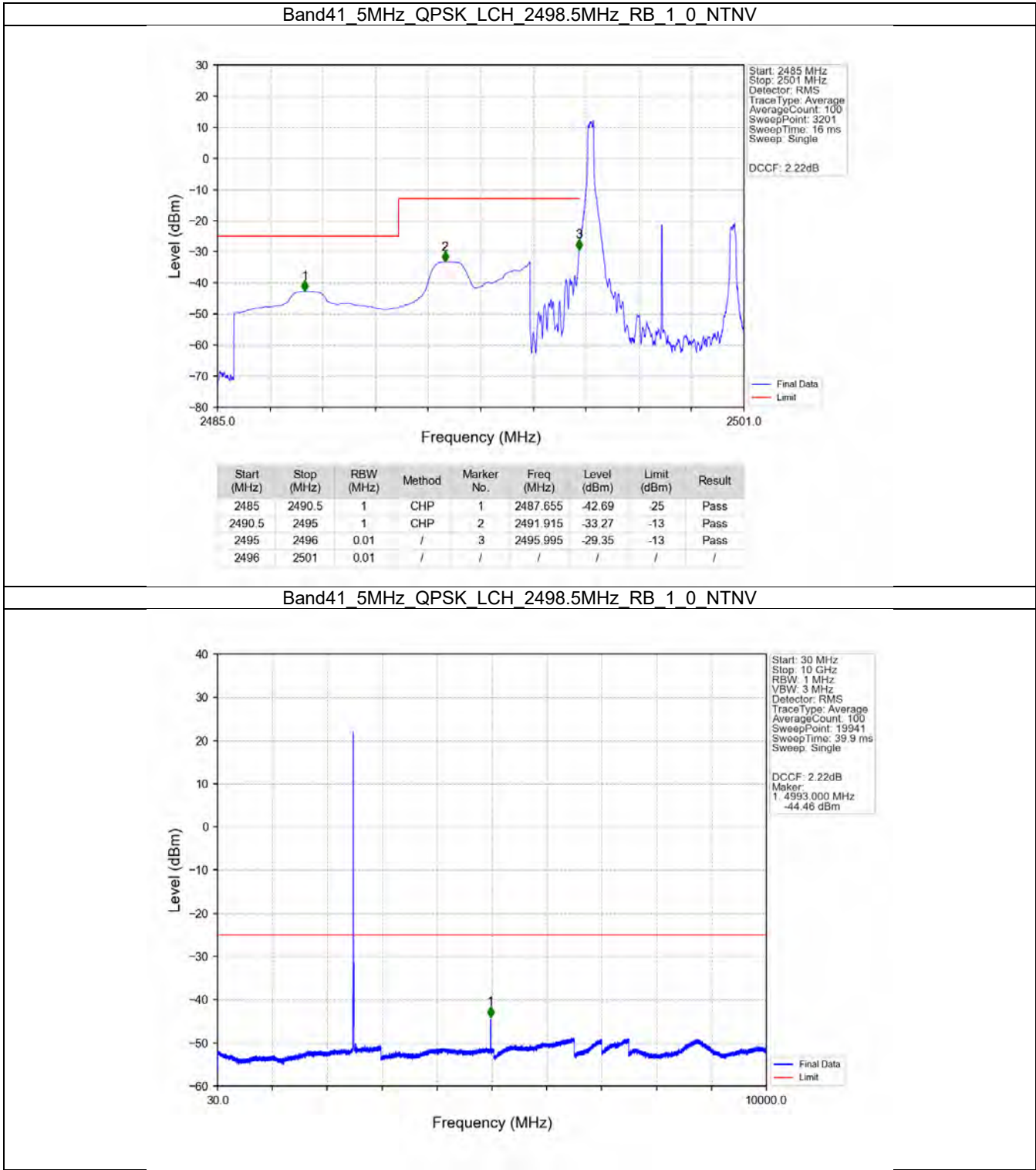
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B41_20MHz

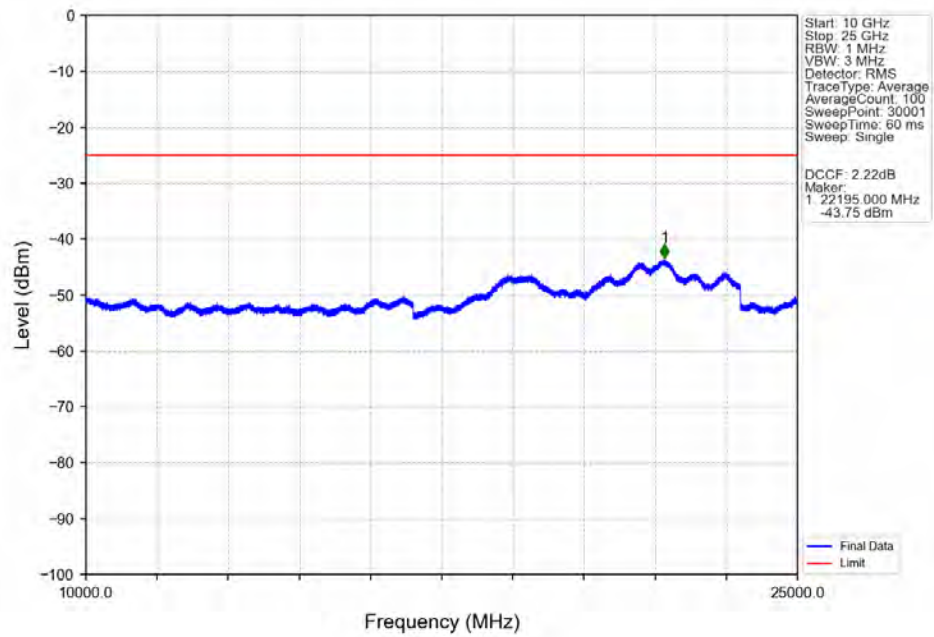
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

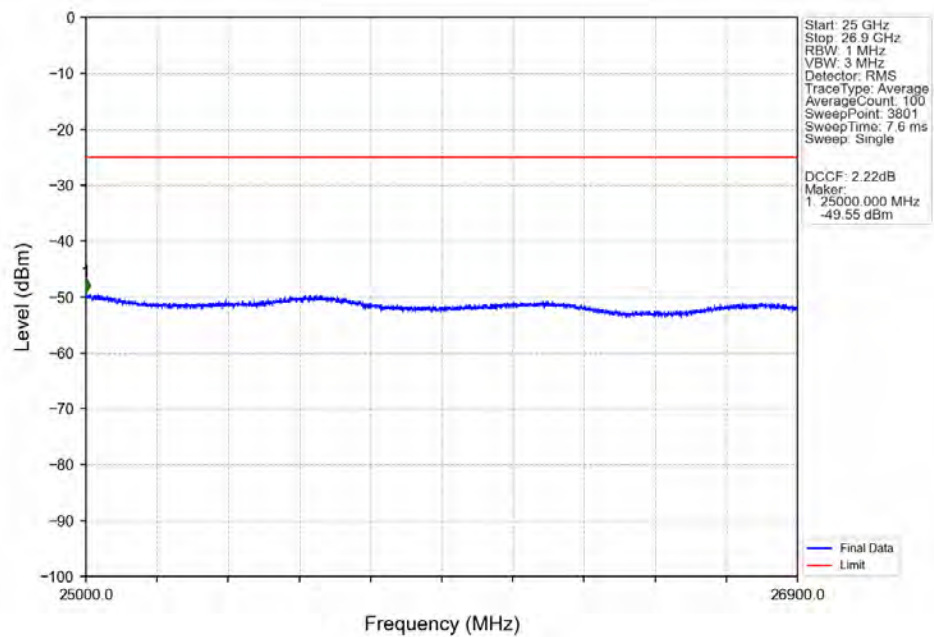
5.2.1 B41_5MHz



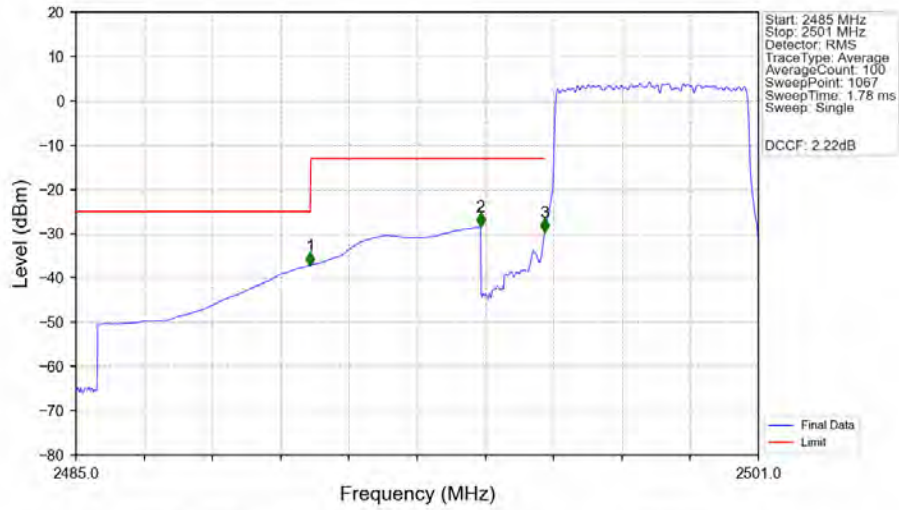
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



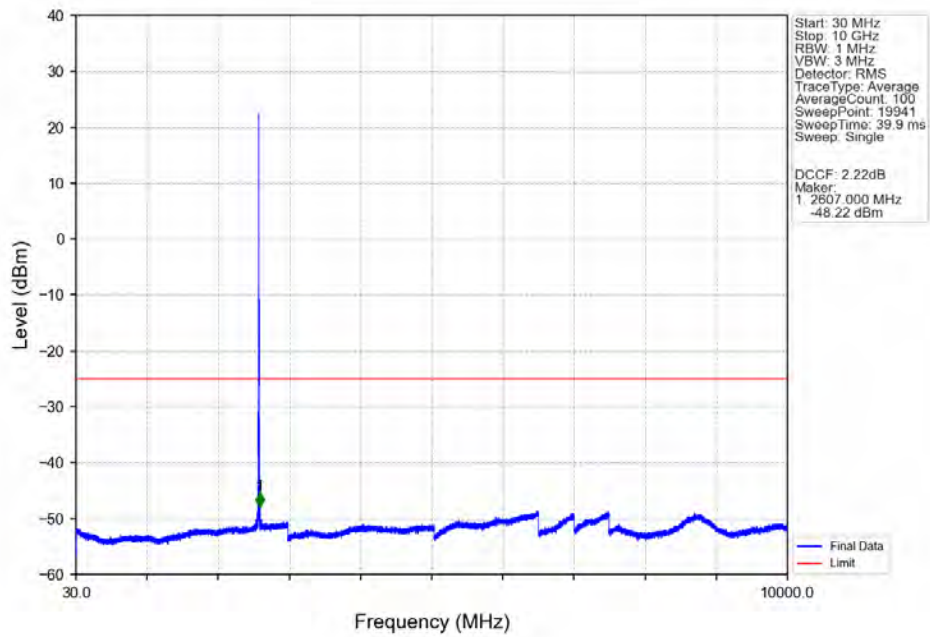
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



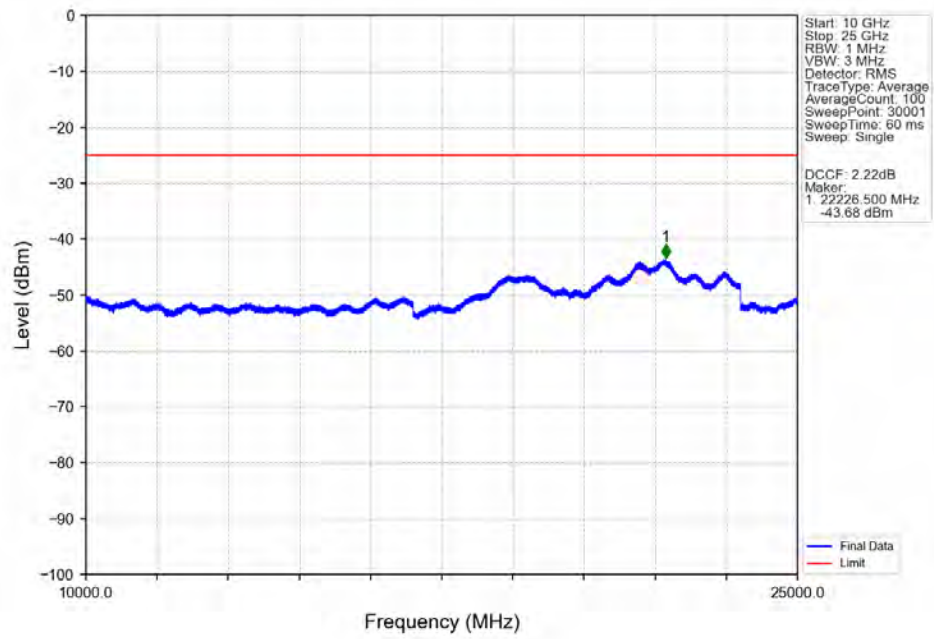
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



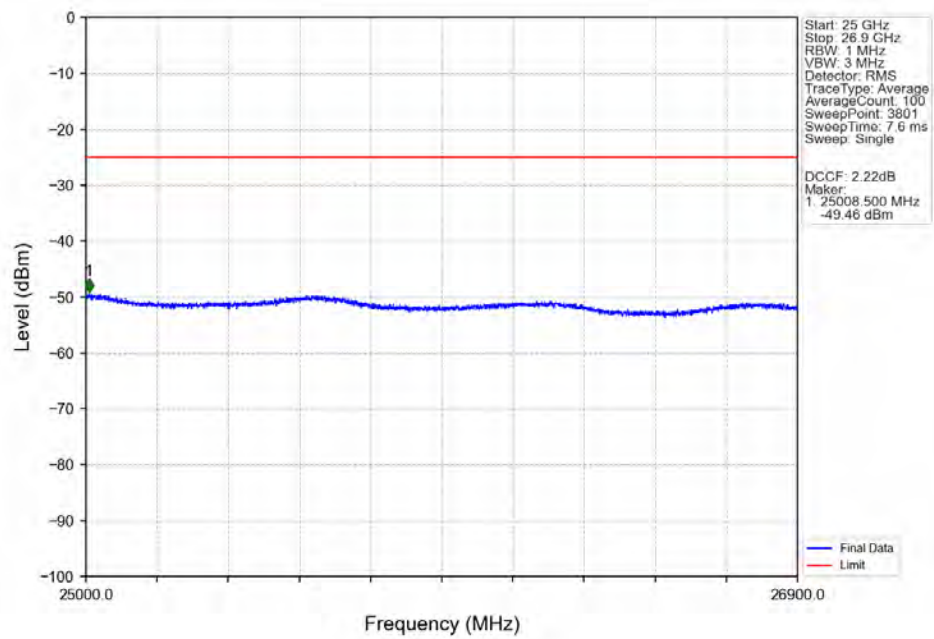
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



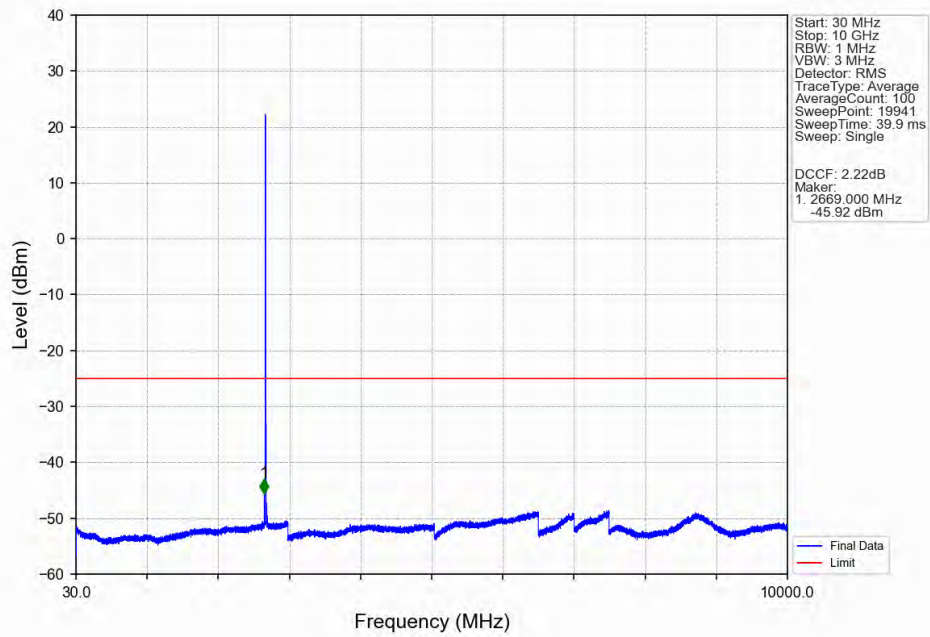
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



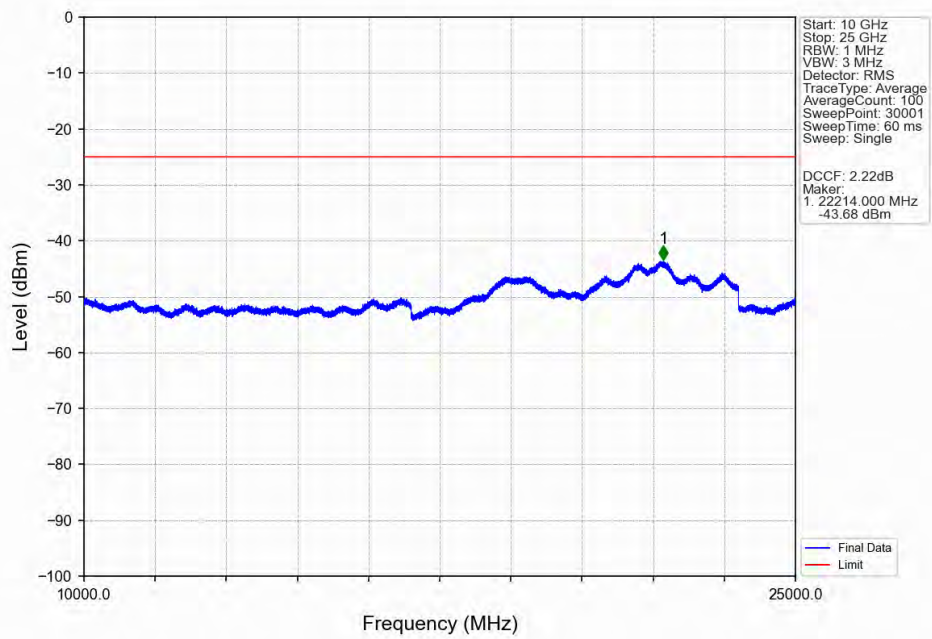
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



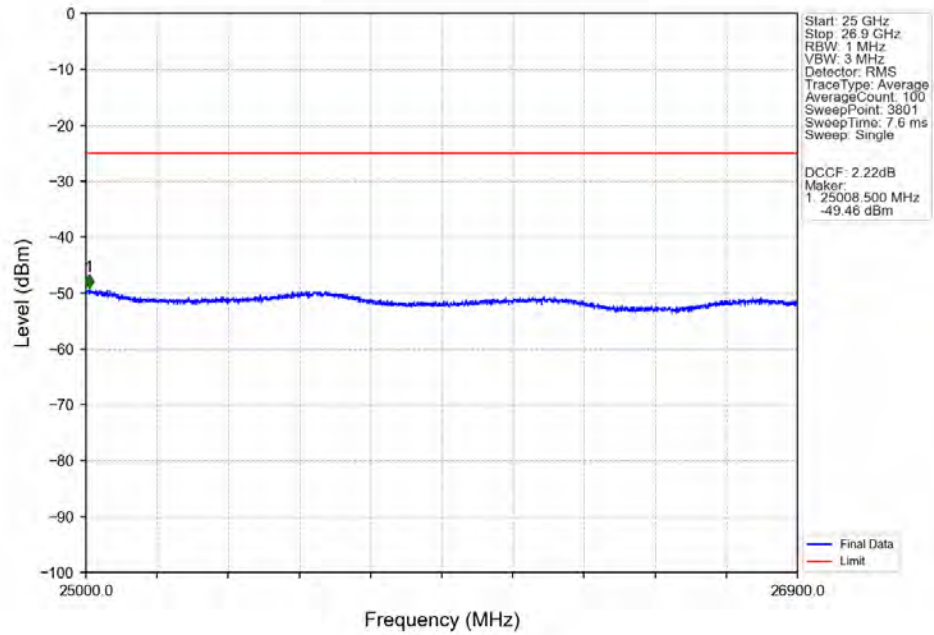
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



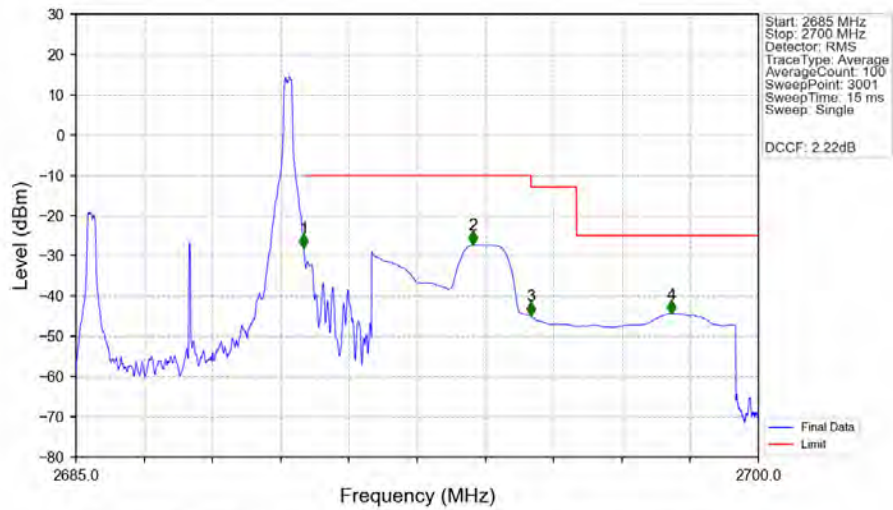
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

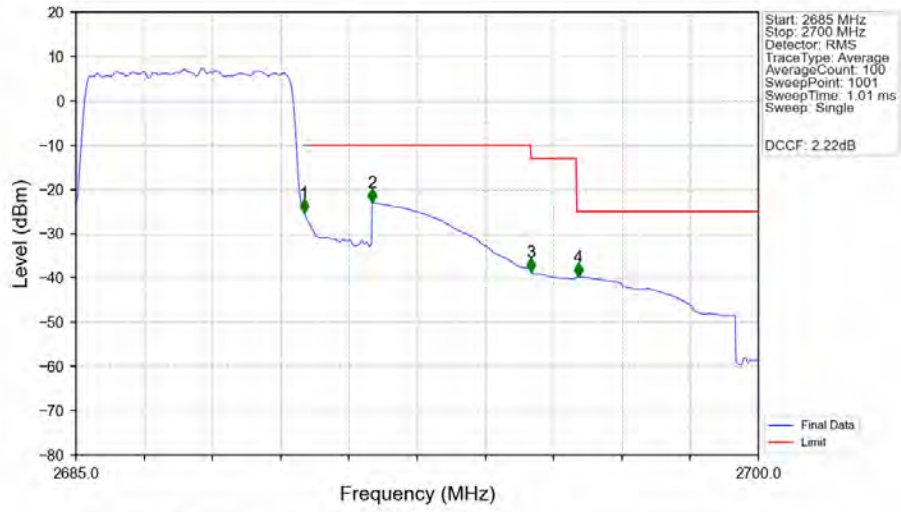


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



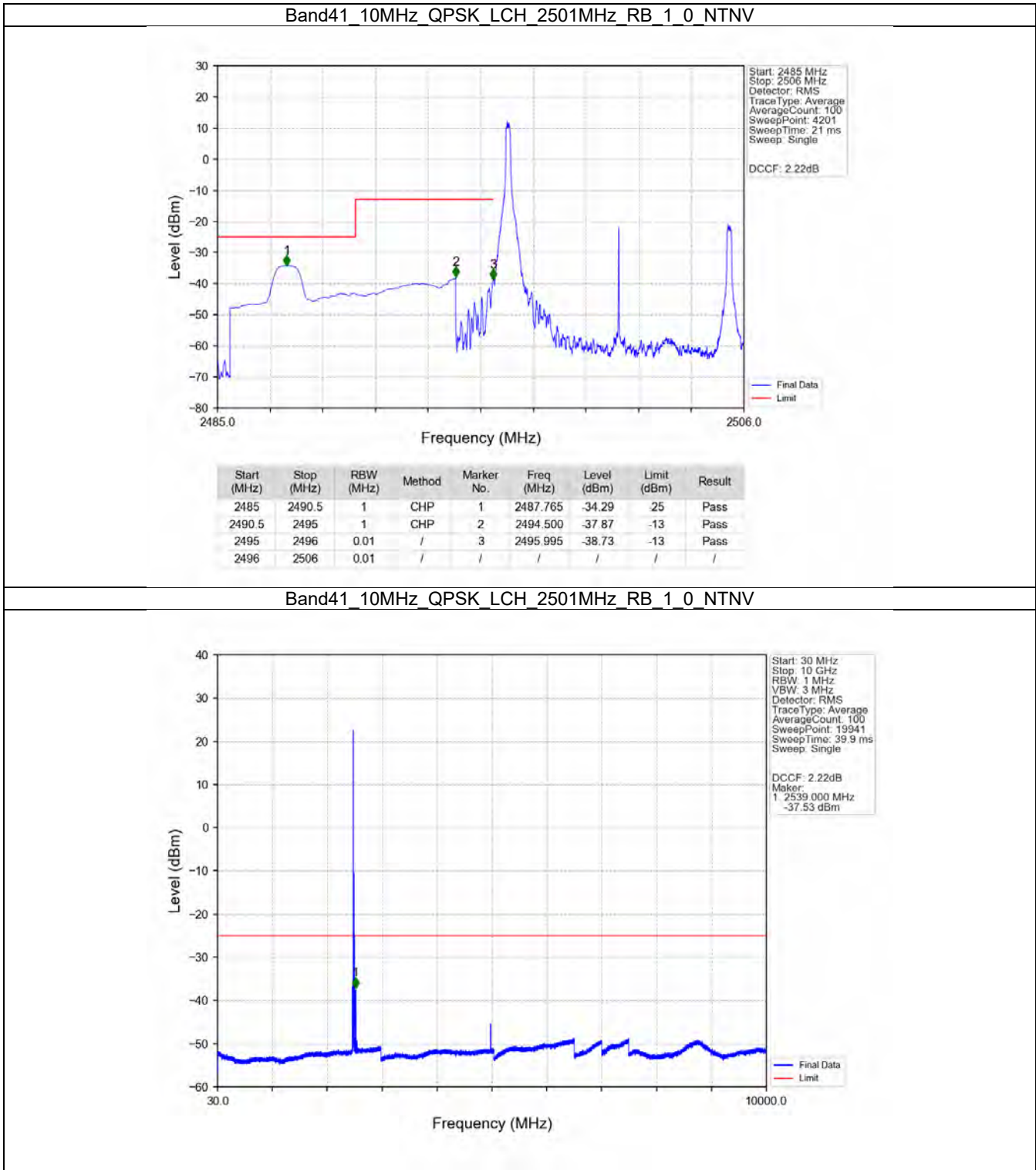
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-28.07	-10	Pass
2691	2695	1	CHP	2	2693.720	-27.34	-10	Pass
2695	2696	1	CHP	3	2695.005	-44.95	-13	Pass
2696	2700	1	CHP	4	2698.090	-44.44	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

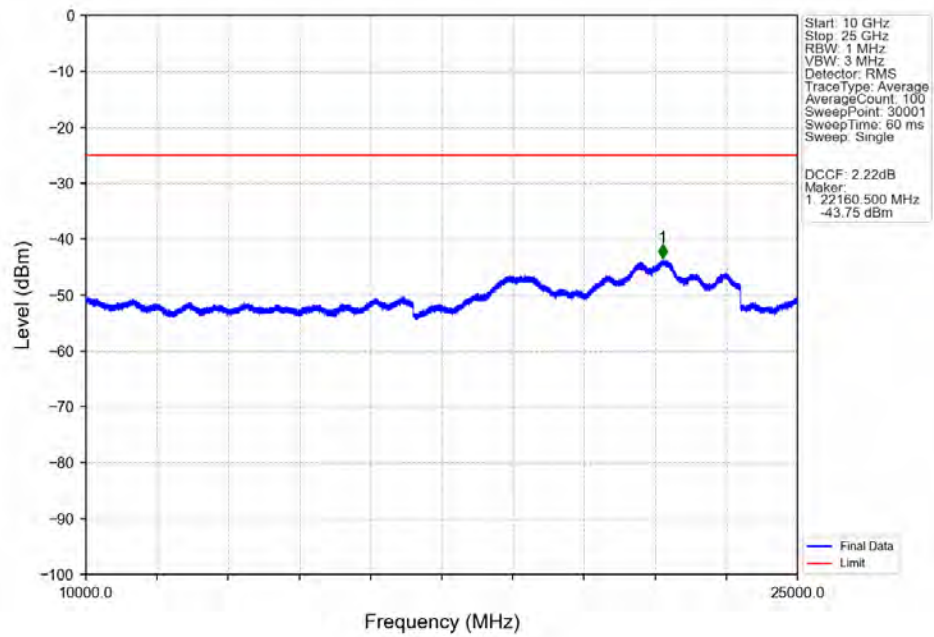


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.105	CHP	/	/	/	/	/
2690	2691	0.105	CHP	1	2690.010	-25.30	-10	Pass
2691	2695	1	CHP	2	2691.510	-22.99	-10	Pass
2695	2696	1	CHP	3	2695.005	-38.59	-13	Pass
2696	2700	1	CHP	4	2696.040	-39.77	-25	Pass

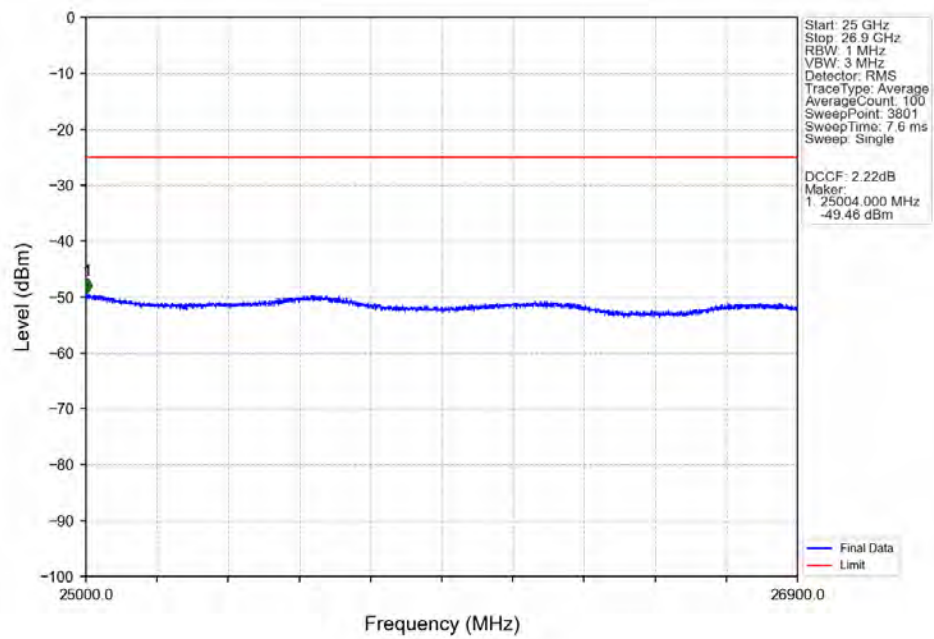
5.2.2 B41_10MHz



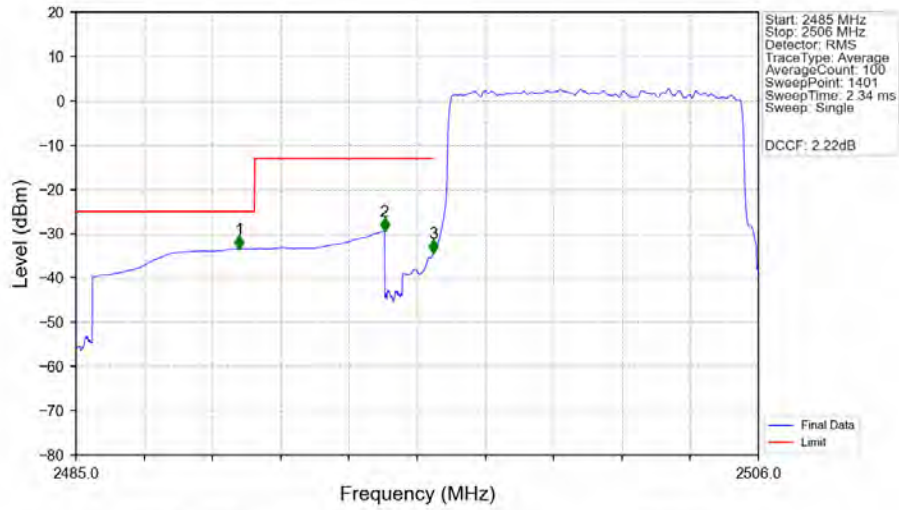
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

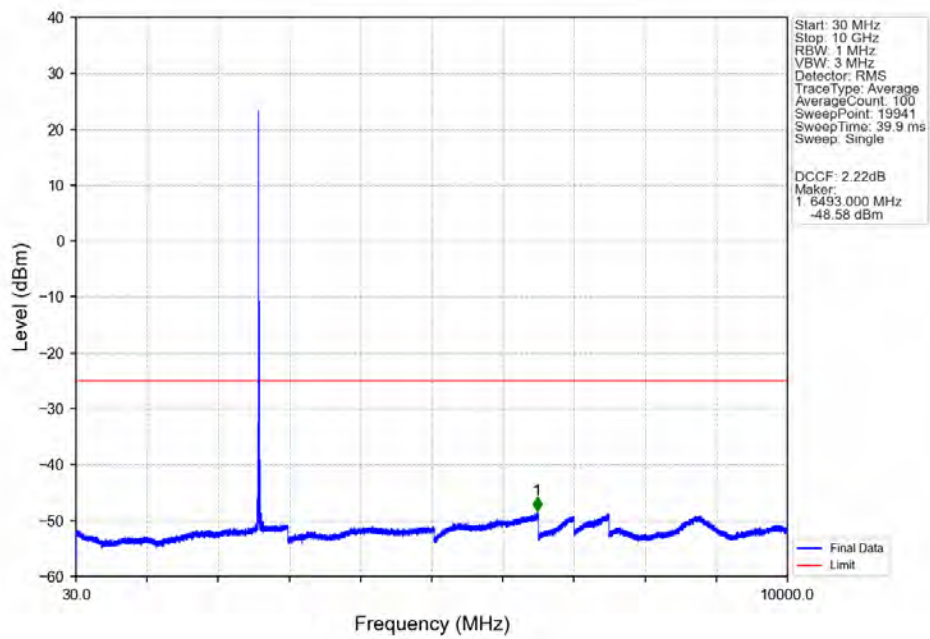


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

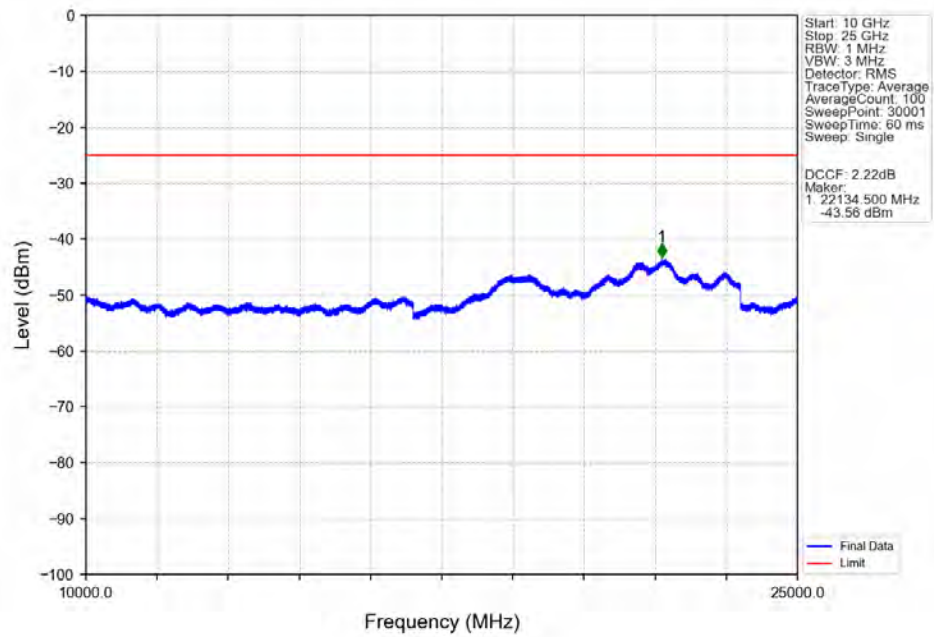


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.025	-33.44	25	Pass
2490.5	2495	1	CHP	2	2494.495	-29.46	-13	Pass
2495	2496	0.099	CHP	3	2495.995	-34.38	-13	Pass
2496	2506	0.099	CHP	/	/	/	/	/

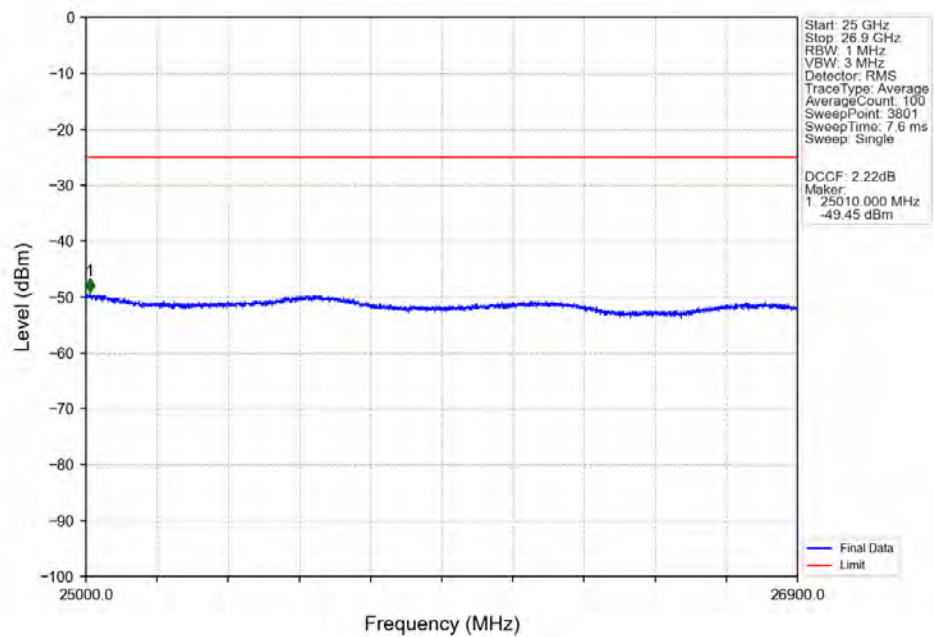
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



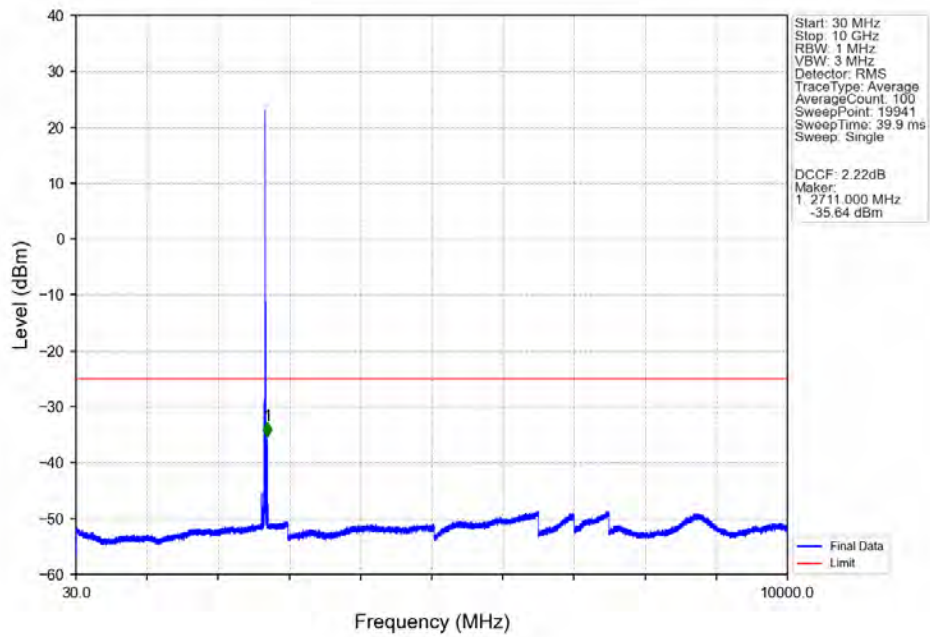
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



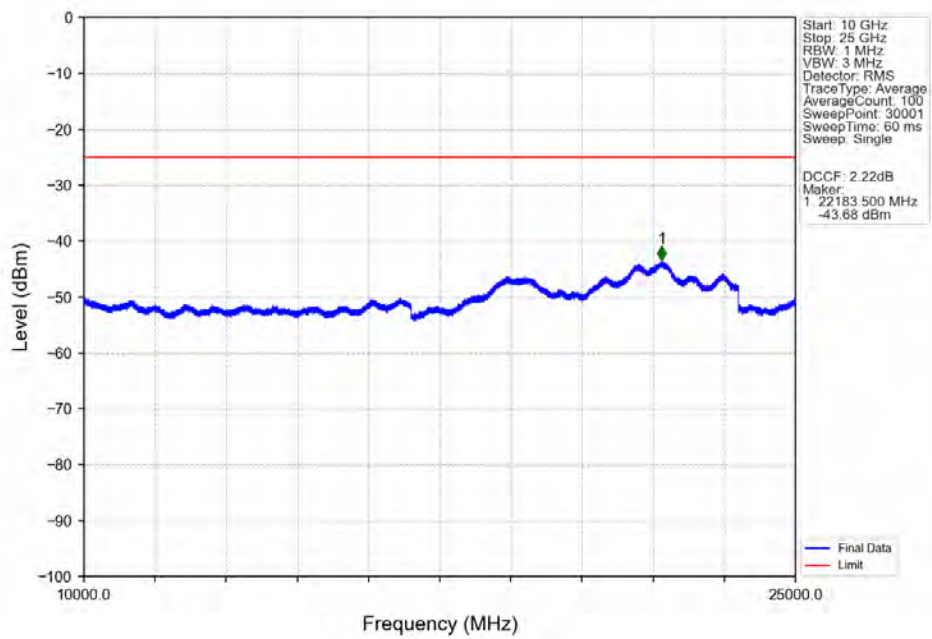
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



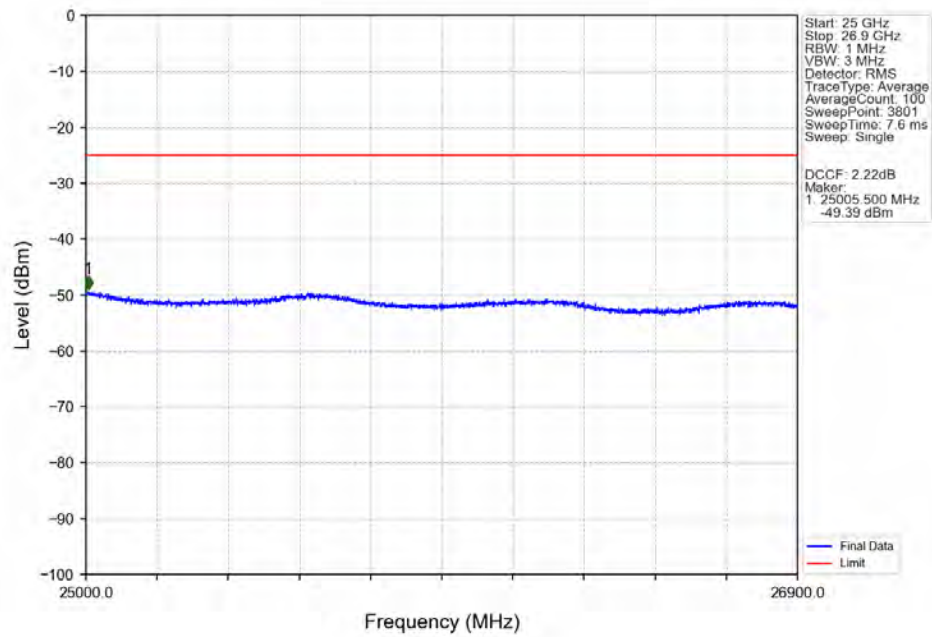
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



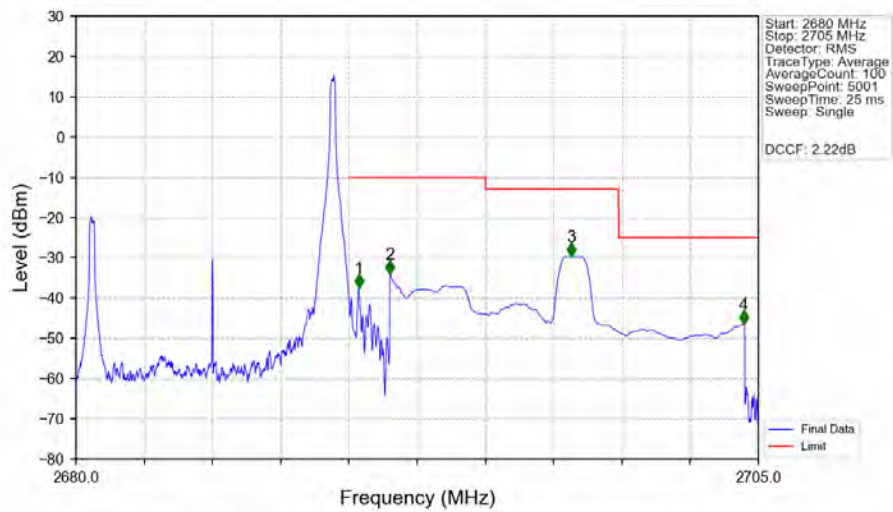
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

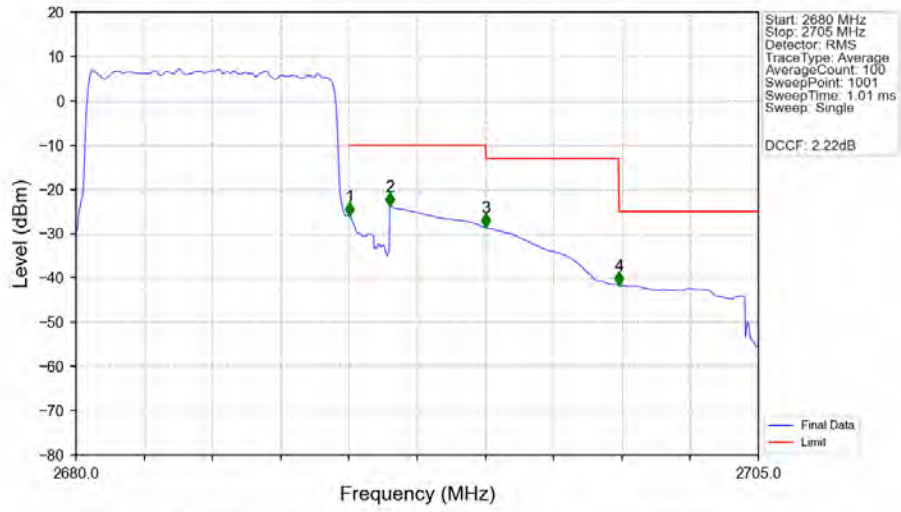


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



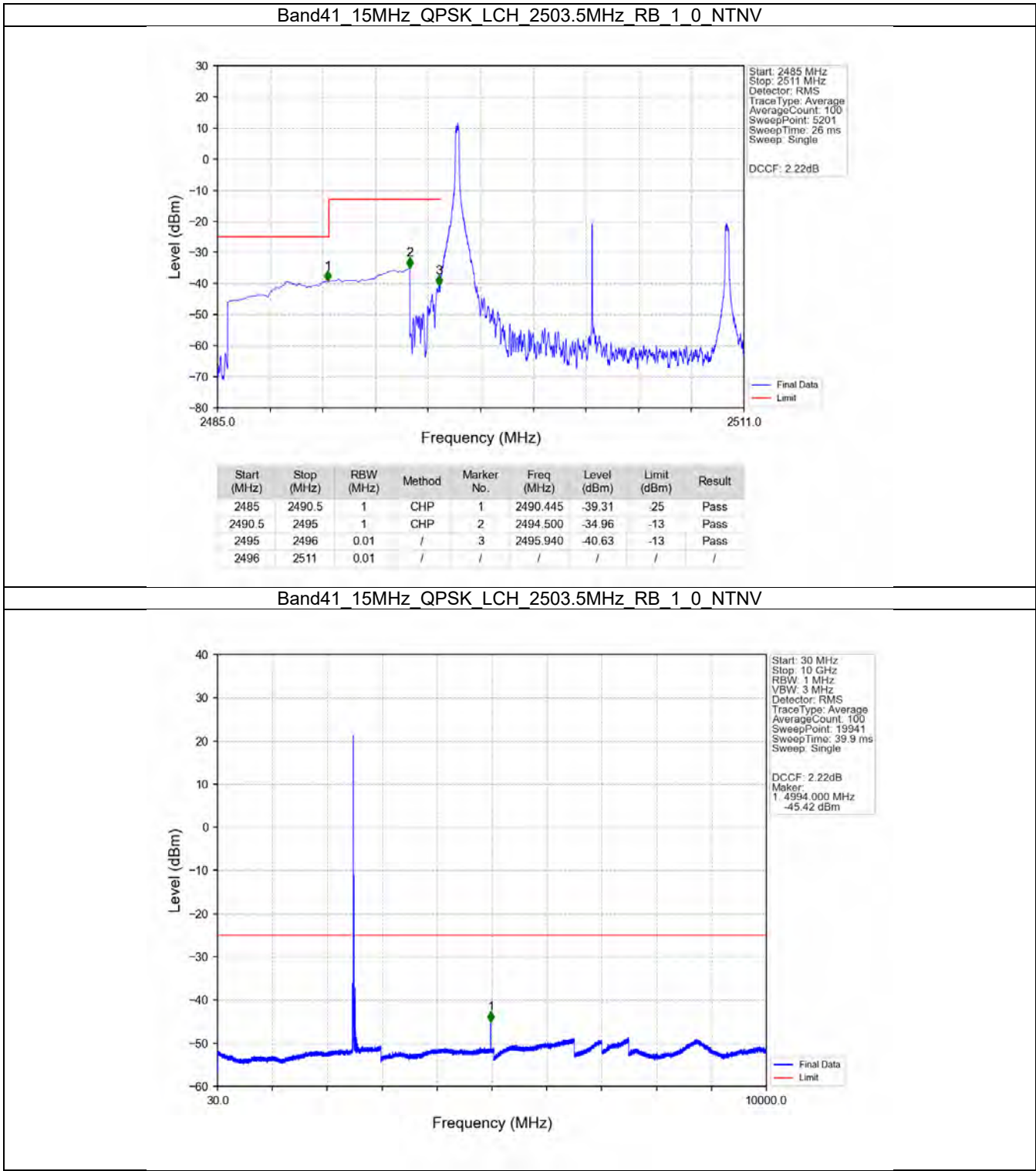
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.360	-37.52	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.15	-10	Pass
2695	2699.884	1	CHP	3	2698.140	-29.57	-13	Pass
2699.884	2705	1	CHP	4	2704.465	-46.45	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

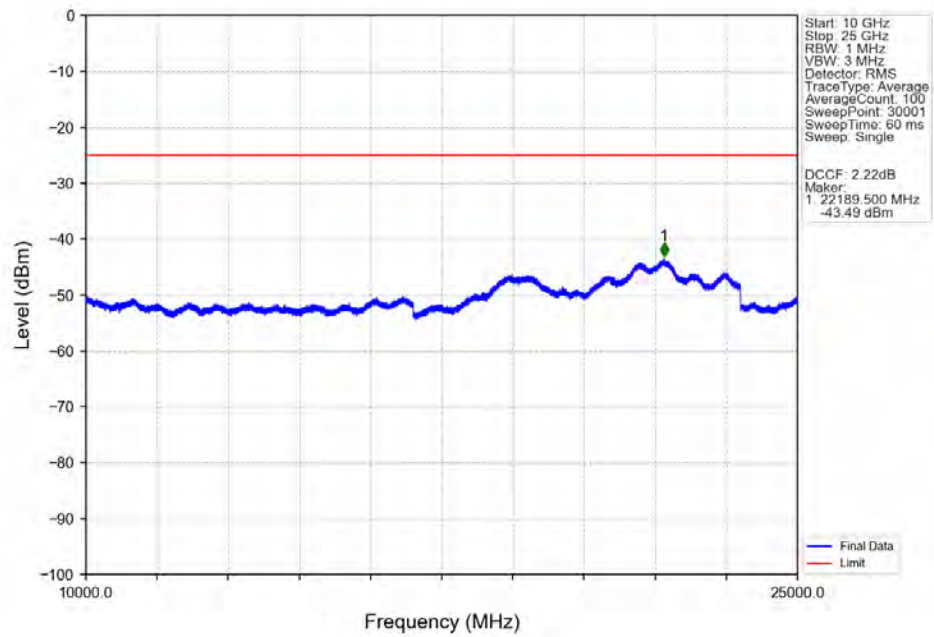


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.198	CHP	/	/	/	/	/
2690	2691	0.198	CHP	1	2690.025	-26.00	-10	Pass
2691	2695	1	CHP	2	2691.500	-23.92	-10	Pass
2695	2699.884	1	CHP	3	2695.025	-28.64	-13	Pass
2699.884	2705	1	CHP	4	2699.900	-41.69	-25	Pass

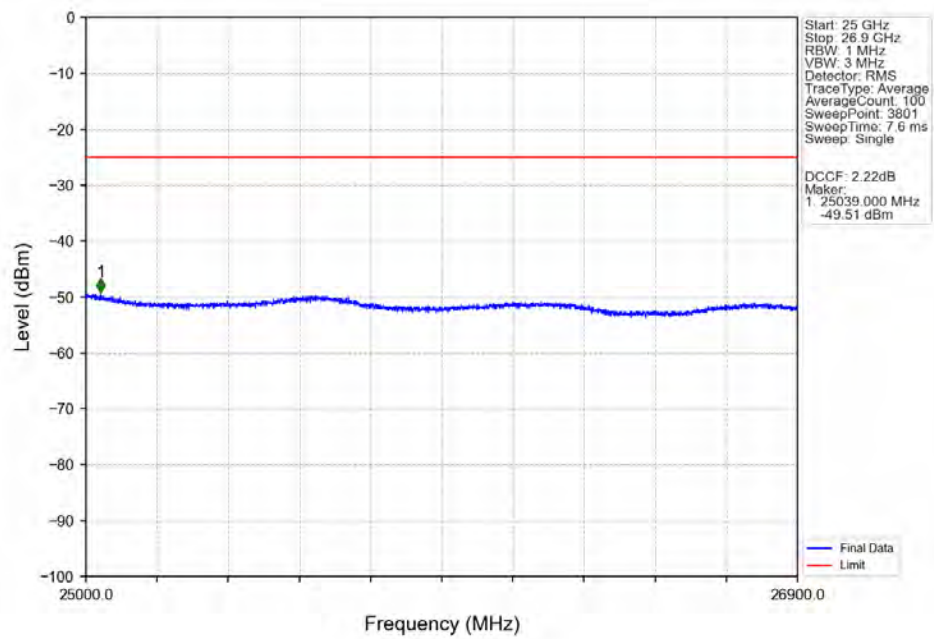
5.2.3 B41_15MHz



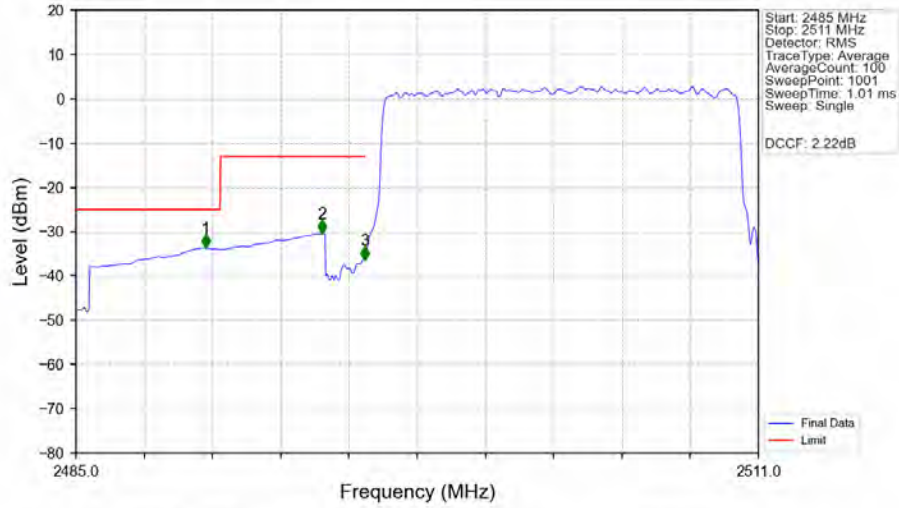
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

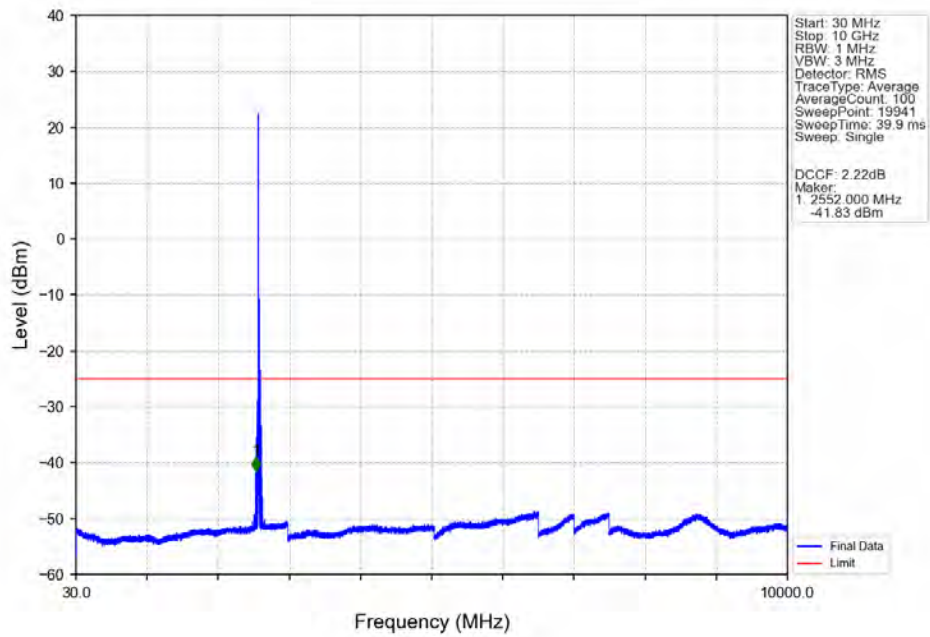


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

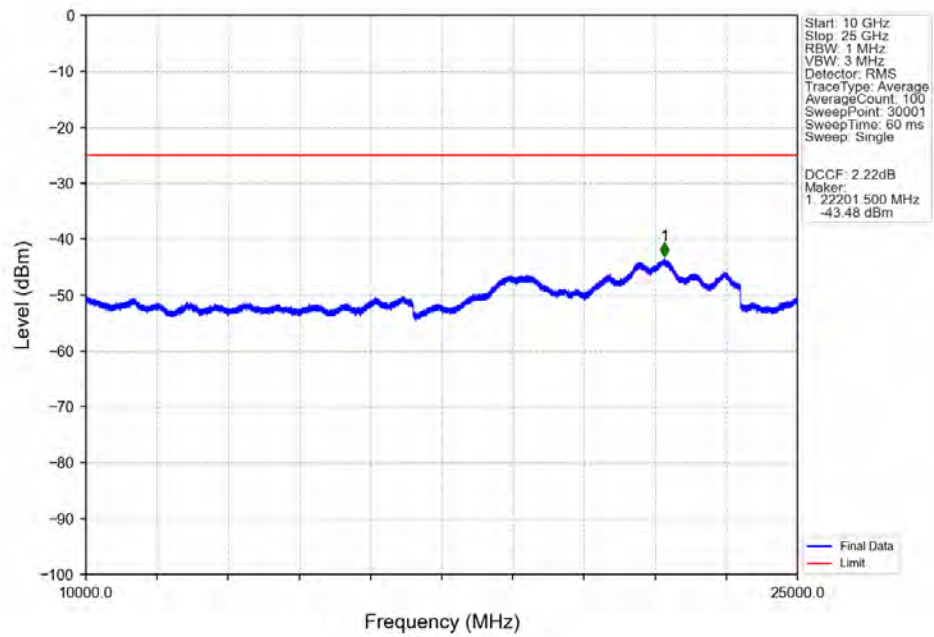


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.940	-33.64	25	Pass
2490.5	2495	1	CHP	2	2494.386	-30.45	-13	Pass
2495	2496	0.155	CHP	3	2495.998	-36.33	-13	Pass
2496	2511	0.155	CHP	/	/	/	/	/

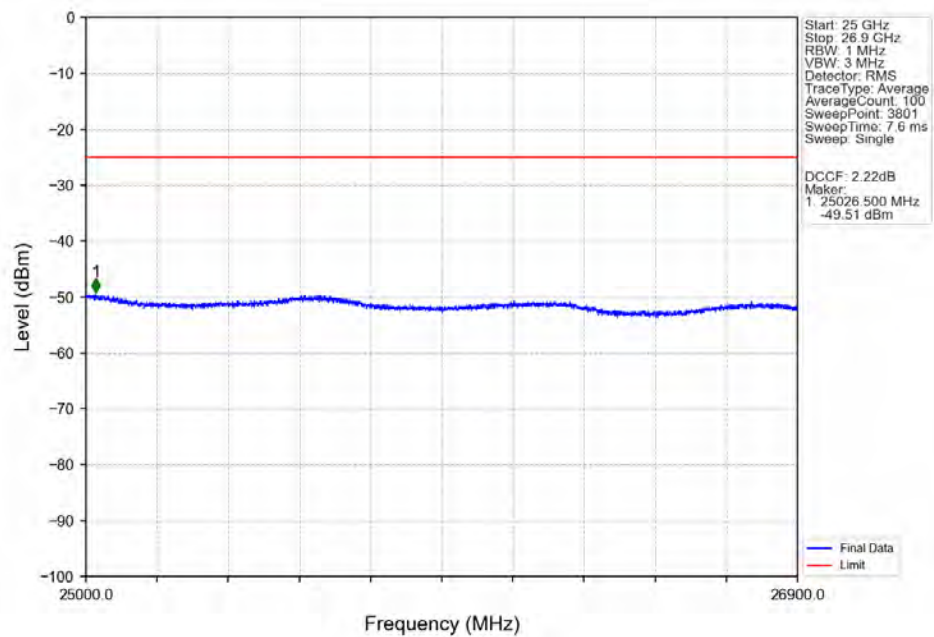
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



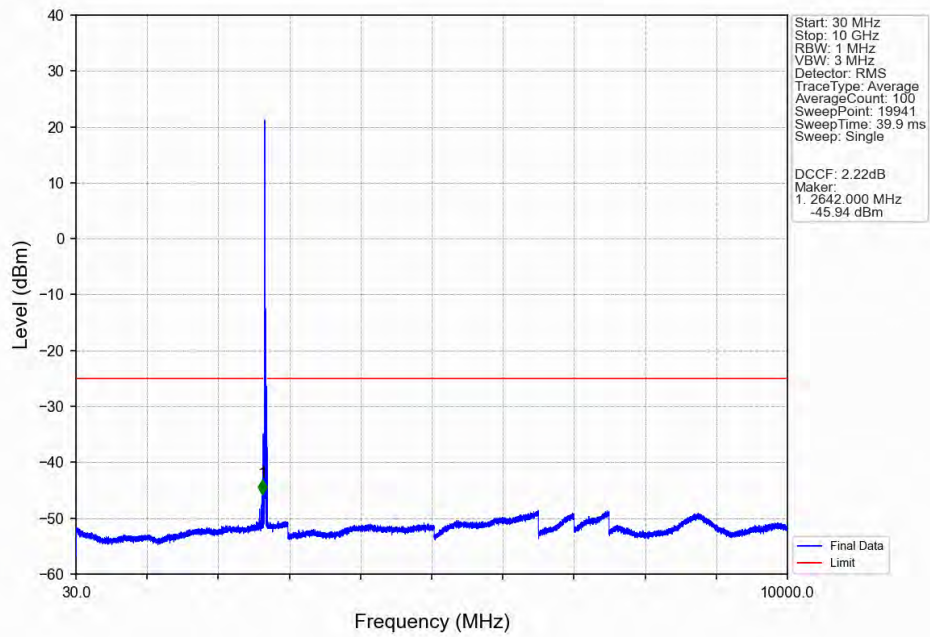
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



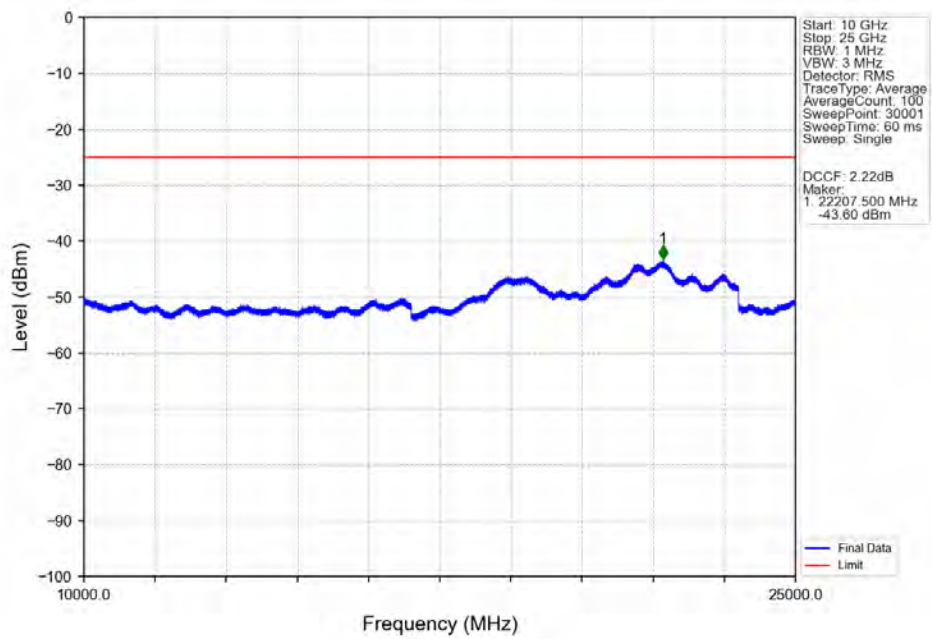
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



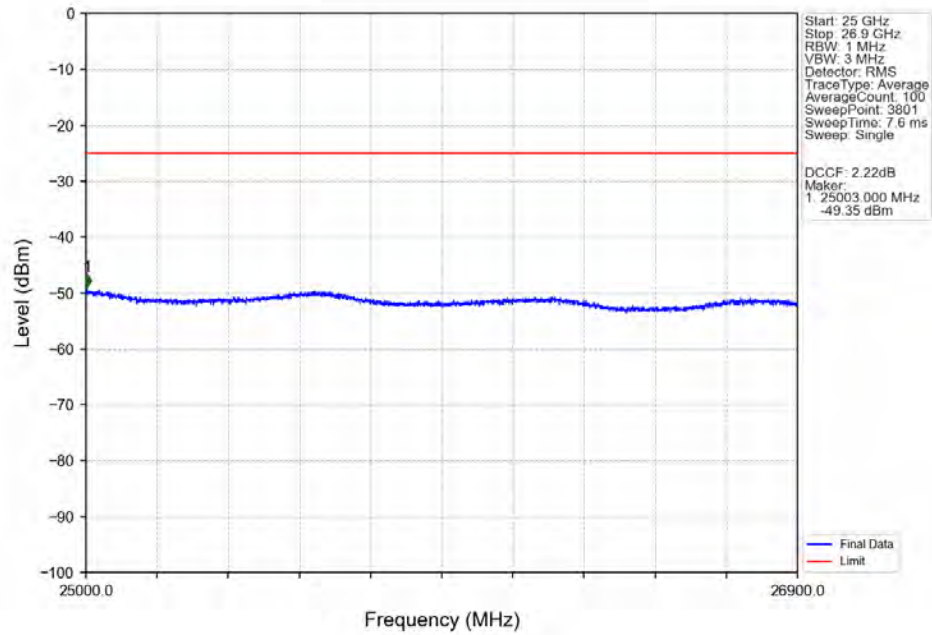
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



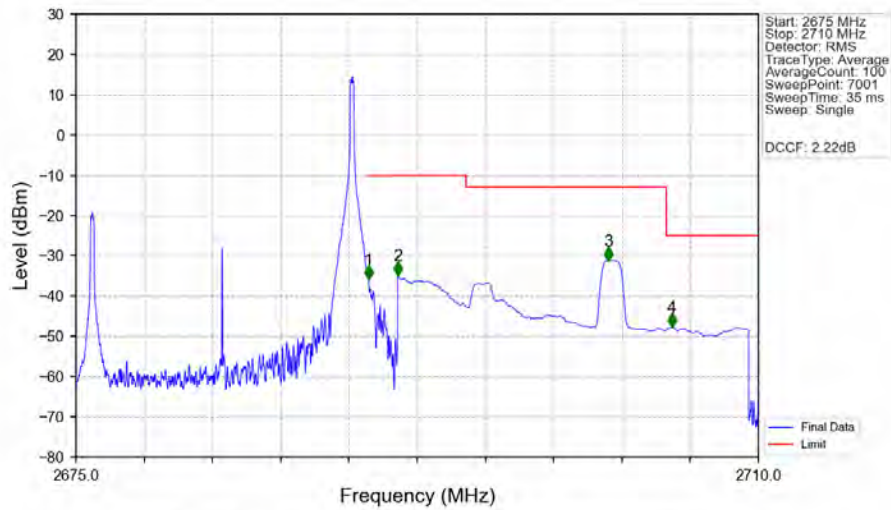
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

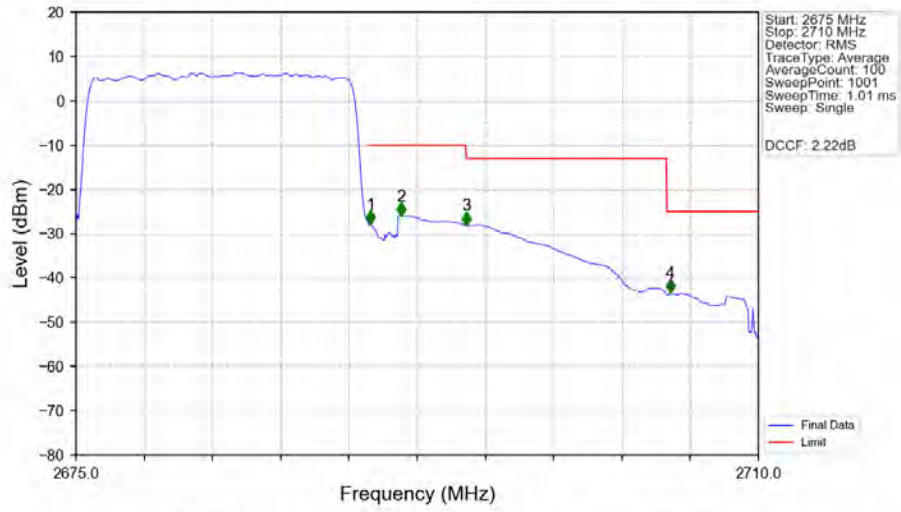


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



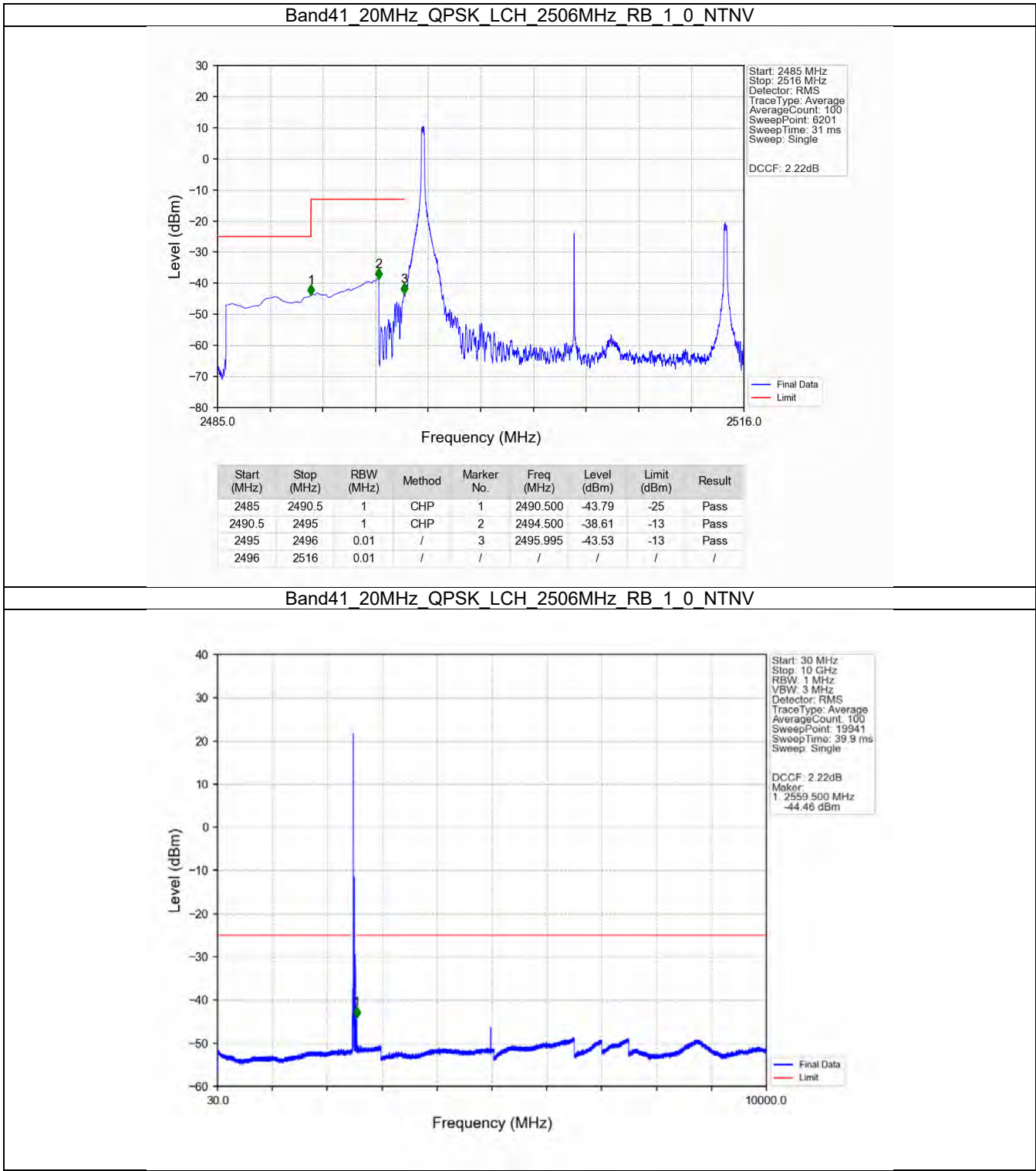
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-35.80	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.87	-10	Pass
2695	2705.277	1	CHP	3	2702.320	-31.18	-13	Pass
2705.277	2710	1	CHP	4	2705.570	-47.76	-25	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

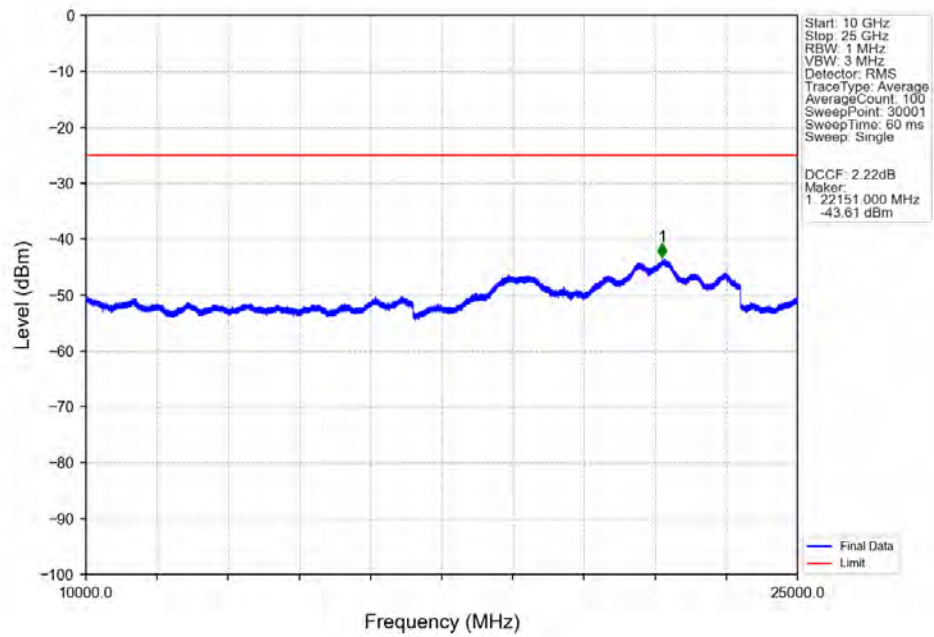


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.306	CHP	/	/	/	/	/
2690	2691	0.306	CHP	1	2690.120	-27.81	-10	Pass
2691	2695	1	CHP	2	2691.660	-26.02	-10	Pass
2695	2705.277	1	CHP	3	2695.020	-28.12	-13	Pass
2705.277	2710	1	CHP	4	2705.485	-43.41	-25	Pass

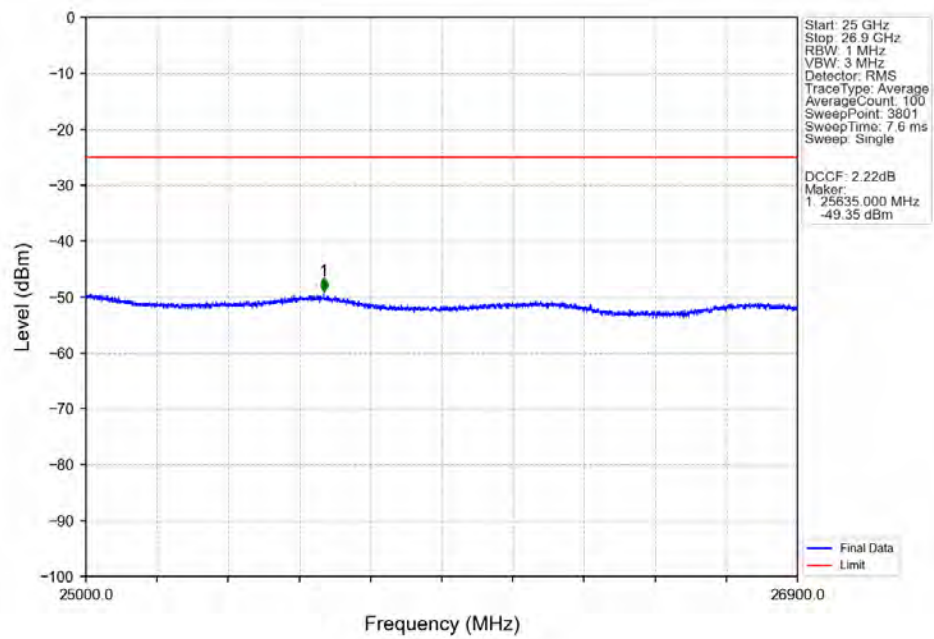
5.2.4 B41_20MHz



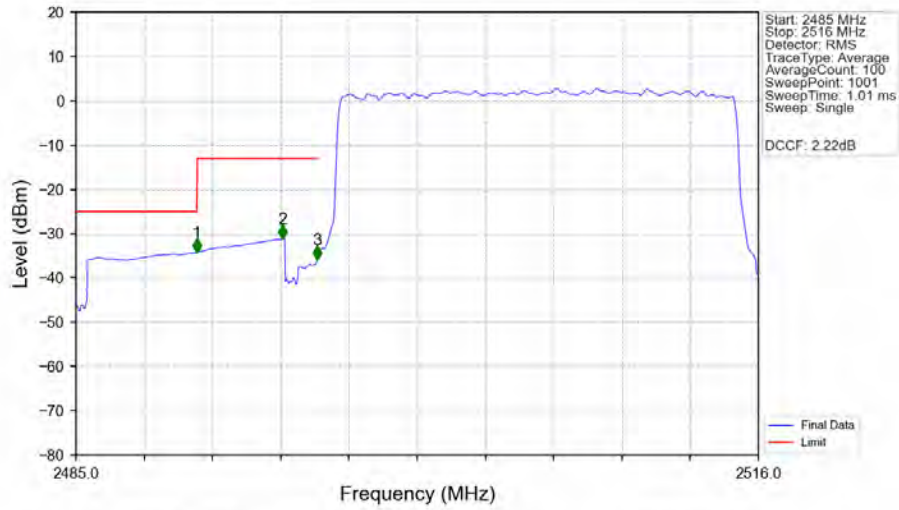
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

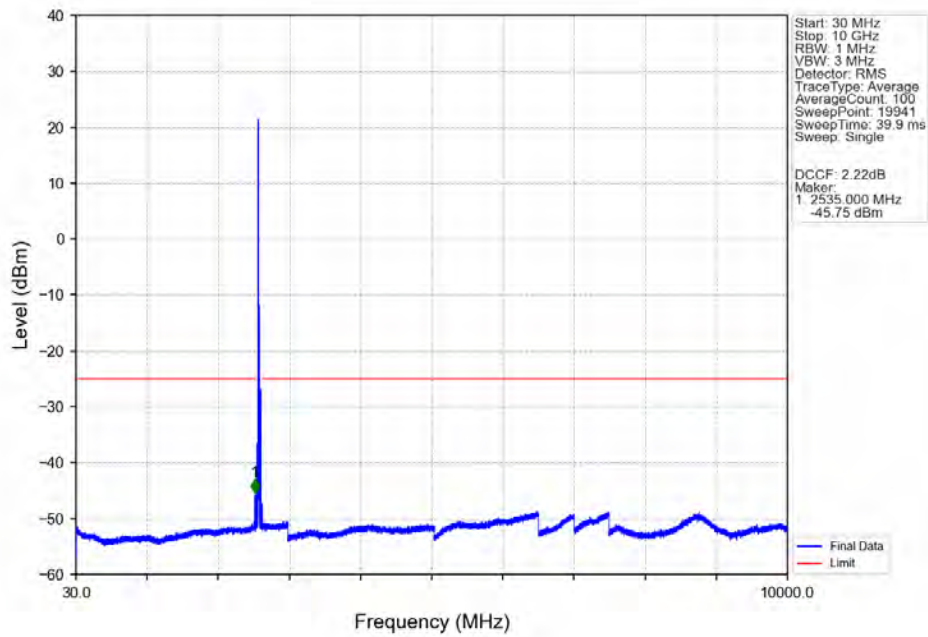


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

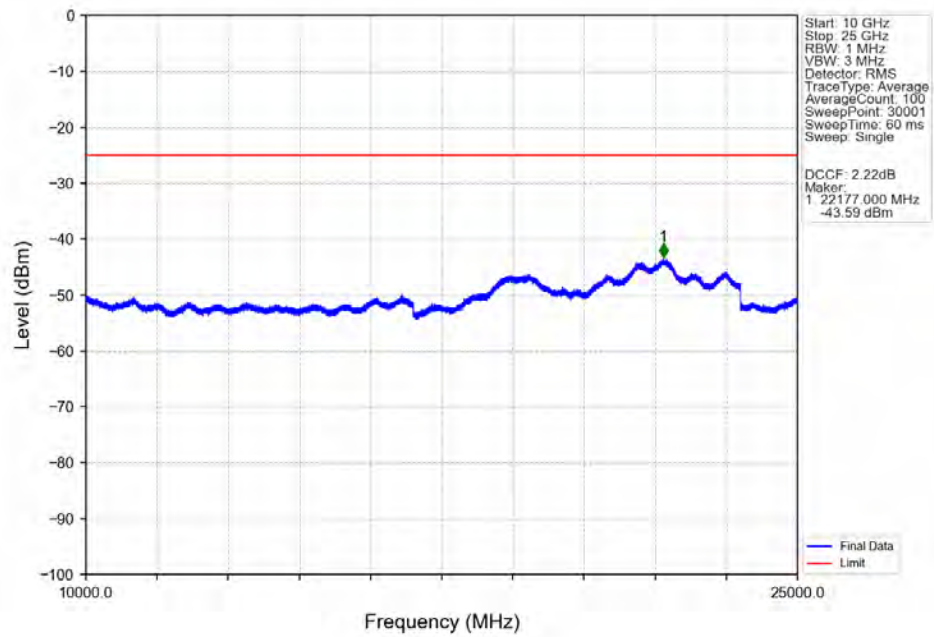


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-34.25	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-31.20	-13	Pass
2495	2496	0.211	CHP	3	2495.974	-35.85	-13	Pass
2496	2516	0.211	CHP	/	/	/	/	/

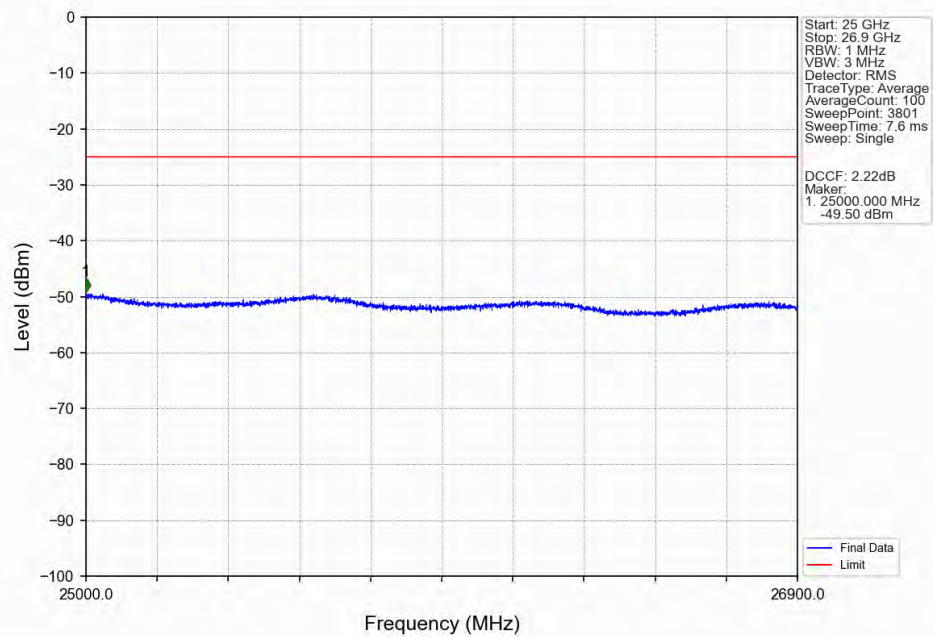
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



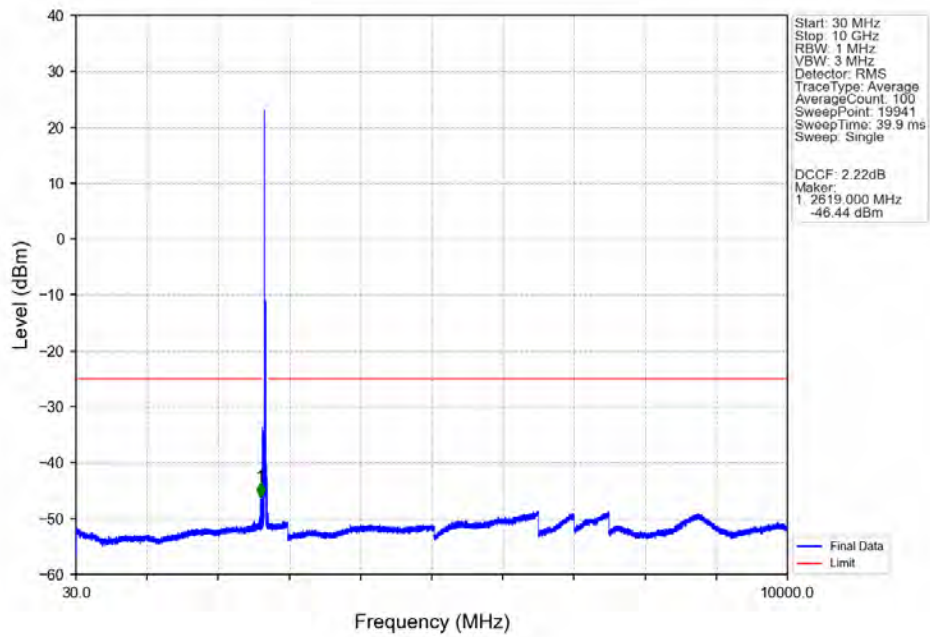
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



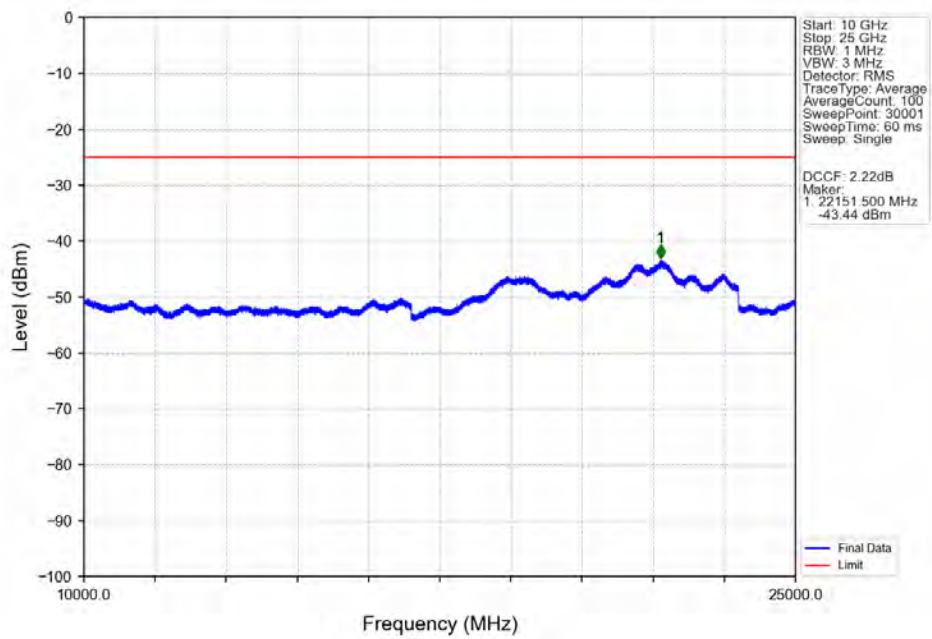
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



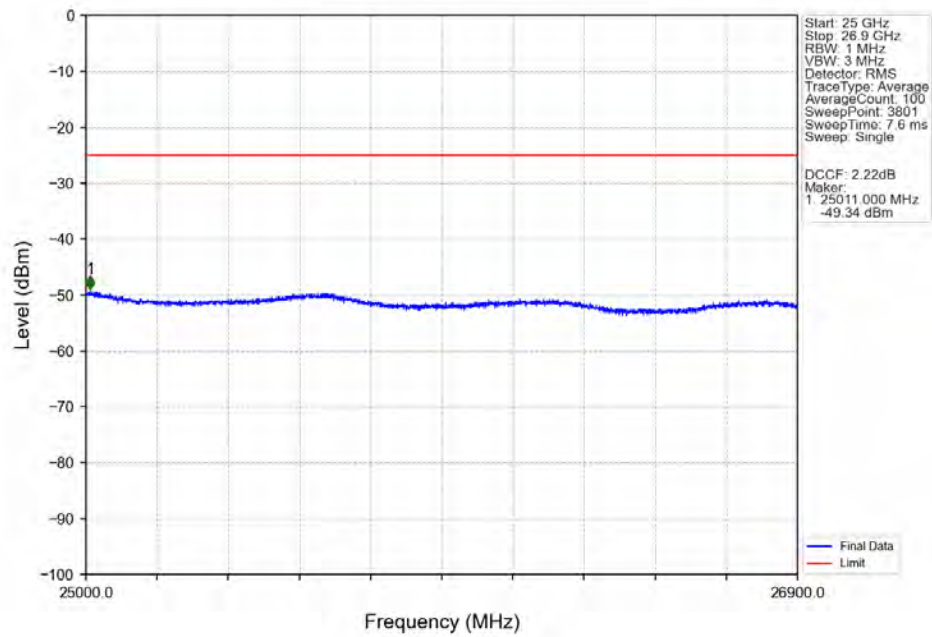
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



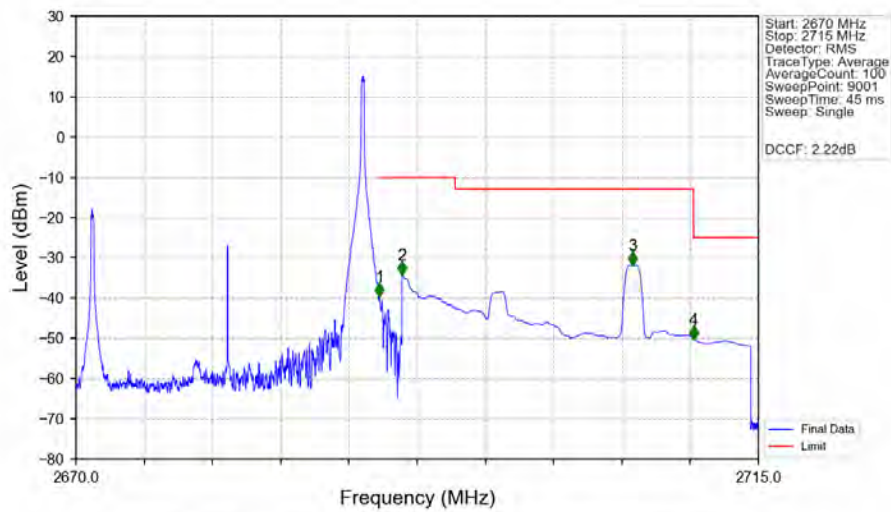
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

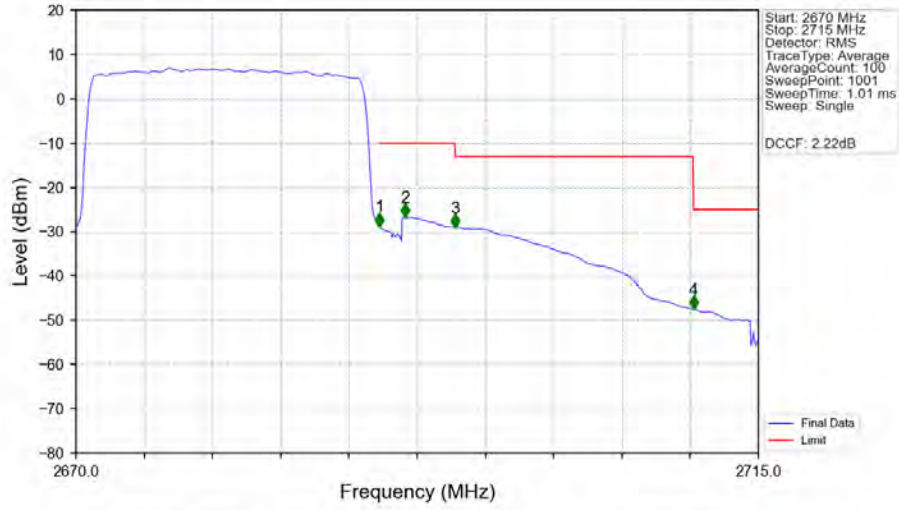


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-39.74	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.30	-10	Pass
2695	2710.719	1	CHP	3	2706.705	-31.94	-13	Pass
2710.719	2715	1	CHP	4	2710.720	-50.37	-25	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.414	CHP	/	/	/	/	/
2690	2691	0.414	CHP	1	2690.025	-28.85	-10	Pass
2691	2695	1	CHP	2	2691.690	-26.79	-10	Pass
2695	2710.719	1	CHP	3	2695.020	-29.08	-13	Pass
2710.719	2715	1	CHP	4	2710.725	-47.56	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 41_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	72.51	-48.01	31.19	-39.57	-25.00	14.57	Horizontal
2	7491.27	60.25	-46.17	36.38	-44.80	-25.00	19.80	Horizontal
3	9988.36	50.46	-41.75	38.78	-47.76	-25.00	22.76	Horizontal
4	12485.45	50.48	-39.84	39.11	-45.51	-25.00	20.51	Horizontal
5	14982.54	49.57	-37.89	40.20	-43.38	-25.00	18.38	Horizontal
6	17479.63	50.61	-36.93	41.68	-39.90	-25.00	14.90	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994	80.92	-48.01	31.19	-31.16	-25.00	6.16	Vertical
2	7491	63.48	-46.17	36.38	-41.57	-25.00	16.57	Vertical
3	9988.36	50.46	-41.75	38.78	-47.76	-25.00	22.76	Vertical
4	12485.45	50.22	-39.84	39.11	-45.77	-25.00	20.77	Vertical
5	14982.54	50.27	-37.89	40.20	-42.68	-25.00	17.68	Vertical
6	17479.63	50.19	-36.93	41.68	-40.32	-25.00	15.32	Vertical

Test Band = LTE Band 41_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5168.18	75.45	-47.87	31.67	-36.01	-25.00	11.01	Horizontal
2	7752.27	60.61	-45.05	36.35	-43.35	-25.00	18.35	Horizontal
3	10336.36	48.80	-41.18	39.04	-48.61	-25.00	23.61	Horizontal
4	12920.45	49.59	-39.42	38.85	-46.24	-25.00	21.24	Horizontal
5	15504.54	51.38	-38.05	39.29	-42.64	-25.00	17.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5168	83.03	-47.87	31.67	-28.43	-25.00	3.43	Vertical
2	7752.27	60.41	-45.05	36.35	-43.55	-25.00	18.55	Vertical
3	10336.36	53.71	-41.18	39.04	-43.70	-25.00	18.70	Vertical
4	12920.45	49.10	-39.42	38.85	-46.73	-25.00	21.73	Vertical
5	15504.54	51.65	-38.05	39.29	-42.37	-25.00	17.37	Vertical

Test Band = LTE Band 41_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17900	52.01	-36.44	44.20	-35.49	-25.00	10.49	Horizontal
2	5255.18	50.50	-47.83	31.92	-60.67	-25.00	35.67	Horizontal
3	7882.77	48.15	-45.36	36.32	-56.14	-25.00	31.14	Horizontal
4	10510.36	48.94	-40.71	39.16	-47.88	-25.00	22.88	Horizontal
5	13137.95	49.22	-38.51	39.01	-45.55	-25.00	20.55	Horizontal
6	15765.54	51.34	-38.22	38.82	-43.32	-25.00	18.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17943	52.33	-36.51	44.46	-34.98	-25.00	9.98	Vertical
2	5255.18	50.23	-47.83	31.92	-60.94	-25.00	35.94	Vertical
3	7882.77	48.85	-45.36	36.32	-55.44	-25.00	30.44	Vertical
4	10510.36	47.48	-40.71	39.16	-49.34	-25.00	24.34	Vertical
5	13137.95	48.58	-38.51	39.01	-46.19	-25.00	21.19	Vertical
6	15765.54	51.85	-38.22	38.82	-42.81	-25.00	17.81	Vertical