

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	24.30	-1.00	23.30	<=33.01	Pass
			13	24.35	-1.00	23.35	<=33.01	Pass
			24	24.31	-1.00	23.31	<=33.01	Pass
		12	0	23.30	-1.00	22.30	<=33.01	Pass
			6	23.36	-1.00	22.36	<=33.01	Pass
			13	23.34	-1.00	22.34	<=33.01	Pass
		25	0	23.30	-1.00	22.30	<=33.01	Pass
	2593	1	0	25.09	-1.00	24.09	<=33.01	Pass
			13	25.14	-1.00	24.14	<=33.01	Pass
			24	25.14	-1.00	24.14	<=33.01	Pass
		12	0	24.18	-1.00	23.18	<=33.01	Pass
			6	24.20	-1.00	23.20	<=33.01	Pass
			13	24.18	-1.00	23.18	<=33.01	Pass
		25	0	24.17	-1.00	23.17	<=33.01	Pass
	2687.5	1	0	24.58	-1.00	23.58	<=33.01	Pass
			13	24.50	-1.00	23.50	<=33.01	Pass
			24	24.45	-1.00	23.45	<=33.01	Pass
		12	0	23.55	-1.00	22.55	<=33.01	Pass
			6	23.61	-1.00	22.61	<=33.01	Pass
			13	23.49	-1.00	22.49	<=33.01	Pass
		25	0	23.53	-1.00	22.53	<=33.01	Pass
16QAM	2498.5	1	0	23.26	-1.00	22.26	<=33.01	Pass
			13	23.19	-1.00	22.19	<=33.01	Pass
			24	23.29	-1.00	22.29	<=33.01	Pass
		12	0	22.30	-1.00	21.30	<=33.01	Pass
			6	22.38	-1.00	21.38	<=33.01	Pass
			13	22.43	-1.00	21.43	<=33.01	Pass
		25	0	22.32	-1.00	21.32	<=33.01	Pass
	2593	1	0	24.18	-1.00	23.18	<=33.01	Pass
			13	24.08	-1.00	23.08	<=33.01	Pass
			24	24.10	-1.00	23.10	<=33.01	Pass
		12	0	23.22	-1.00	22.22	<=33.01	Pass
			6	23.22	-1.00	22.22	<=33.01	Pass
			13	23.17	-1.00	22.17	<=33.01	Pass
		25	0	23.18	-1.00	22.18	<=33.01	Pass
	2687.5	1	0	23.54	-1.00	22.54	<=33.01	Pass
			13	23.62	-1.00	22.62	<=33.01	Pass
			24	23.54	-1.00	22.54	<=33.01	Pass
		12	0	22.50	-1.00	21.50	<=33.01	Pass
			6	22.45	-1.00	21.45	<=33.01	Pass
			13	22.52	-1.00	21.52	<=33.01	Pass
		25	0	22.53	-1.00	21.53	<=33.01	Pass
64QAM	2498.5	1	0	22.27	-1.00	21.27	<=33.01	Pass
			13	22.32	-1.00	21.32	<=33.01	Pass
			24	22.32	-1.00	21.32	<=33.01	Pass
		12	0	21.30	-1.00	20.30	<=33.01	Pass
			6	21.33	-1.00	20.33	<=33.01	Pass
			13	21.36	-1.00	20.36	<=33.01	Pass
		25	0	21.35	-1.00	20.35	<=33.01	Pass

	2593	1	0	23.08	-1.00	22.08	<=33.01	Pass
			13	23.15	-1.00	22.15	<=33.01	Pass
			24	23.04	-1.00	22.04	<=33.01	Pass
		12	0	22.20	-1.00	21.20	<=33.01	Pass
			6	22.18	-1.00	21.18	<=33.01	Pass
			13	22.19	-1.00	21.19	<=33.01	Pass
		25	0	22.21	-1.00	21.21	<=33.01	Pass
	2687.5	1	0	22.53	-1.00	21.53	<=33.01	Pass
			13	22.38	-1.00	21.38	<=33.01	Pass
			24	22.48	-1.00	21.48	<=33.01	Pass
		12	0	21.57	-1.00	20.57	<=33.01	Pass
			6	21.57	-1.00	20.57	<=33.01	Pass
			13	21.52	-1.00	20.52	<=33.01	Pass
		25	0	21.58	-1.00	20.58	<=33.01	Pass
256QAM	2498.5	1	0	19.19	-1.00	18.19	<=33.01	Pass
			13	19.39	-1.00	18.39	<=33.01	Pass
			24	19.27	-1.00	18.27	<=33.01	Pass
		12	0	19.33	-1.00	18.33	<=33.01	Pass
			6	19.31	-1.00	18.31	<=33.01	Pass
			13	19.31	-1.00	18.31	<=33.01	Pass
		25	0	19.30	-1.00	18.30	<=33.01	Pass
	2593	1	0	20.12	-1.00	19.12	<=33.01	Pass
			13	20.12	-1.00	19.12	<=33.01	Pass
			24	20.10	-1.00	19.10	<=33.01	Pass
		12	0	20.14	-1.00	19.14	<=33.01	Pass
			6	20.17	-1.00	19.17	<=33.01	Pass
			13	20.14	-1.00	19.14	<=33.01	Pass
		25	0	20.19	-1.00	19.19	<=33.01	Pass
	2687.5	1	0	19.46	-1.00	18.46	<=33.01	Pass
			13	19.61	-1.00	18.61	<=33.01	Pass
			24	19.45	-1.00	18.45	<=33.01	Pass
		12	0	19.54	-1.00	18.54	<=33.01	Pass
			6	19.53	-1.00	18.53	<=33.01	Pass
			13	19.46	-1.00	18.46	<=33.01	Pass
		25	0	19.53	-1.00	18.53	<=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	24.34	-1.00	23.34	<=33.01	Pass
			25	24.28	-1.00	23.28	<=33.01	Pass
			49	24.45	-1.00	23.45	<=33.01	Pass
		25	0	23.34	-1.00	22.34	<=33.01	Pass
			13	23.39	-1.00	22.39	<=33.01	Pass
			25	23.44	-1.00	22.44	<=33.01	Pass
		50	0	23.38	-1.00	22.38	<=33.01	Pass
	2593	1	0	25.06	-1.00	24.06	<=33.01	Pass
			25	25.09	-1.00	24.09	<=33.01	Pass
			49	25.11	-1.00	24.11	<=33.01	Pass
		25	0	24.14	-1.00	23.14	<=33.01	Pass
			13	24.22	-1.00	23.22	<=33.01	Pass
			25	24.18	-1.00	23.18	<=33.01	Pass
		50	0	24.15	-1.00	23.15	<=33.01	Pass
	2685	1	0	24.55	-1.00	23.55	<=33.01	Pass

		25	25	24.46	-1.00	23.46	<=33.01	Pass
			49	24.33	-1.00	23.33	<=33.01	Pass
			0	23.52	-1.00	22.52	<=33.01	Pass
			13	23.55	-1.00	22.55	<=33.01	Pass
			25	23.43	-1.00	22.43	<=33.01	Pass
		50	0	23.57	-1.00	22.57	<=33.01	Pass
16QAM	2501	1	0	23.33	-1.00	22.33	<=33.01	Pass
			25	23.46	-1.00	22.46	<=33.01	Pass
			49	23.60	-1.00	22.60	<=33.01	Pass
		25	0	22.35	-1.00	21.35	<=33.01	Pass
			13	22.38	-1.00	21.38	<=33.01	Pass
			25	22.45	-1.00	21.45	<=33.01	Pass
		50	0	22.44	-1.00	21.44	<=33.01	Pass
	2593	1	0	23.98	-1.00	22.98	<=33.01	Pass
			25	24.19	-1.00	23.19	<=33.01	Pass
			49	24.14	-1.00	23.14	<=33.01	Pass
		25	0	23.16	-1.00	22.16	<=33.01	Pass
			13	23.20	-1.00	22.20	<=33.01	Pass
			25	23.20	-1.00	22.20	<=33.01	Pass
		50	0	23.20	-1.00	22.20	<=33.01	Pass
	2685	1	0	23.69	-1.00	22.69	<=33.01	Pass
			25	23.47	-1.00	22.47	<=33.01	Pass
			49	23.33	-1.00	22.33	<=33.01	Pass
		25	0	22.63	-1.00	21.63	<=33.01	Pass
			13	22.58	-1.00	21.58	<=33.01	Pass
			25	22.44	-1.00	21.44	<=33.01	Pass
		50	0	22.58	-1.00	21.58	<=33.01	Pass
64QAM	2501	1	0	22.47	-1.00	21.47	<=33.01	Pass
			25	22.34	-1.00	21.34	<=33.01	Pass
			49	22.53	-1.00	21.53	<=33.01	Pass
		25	0	21.33	-1.00	20.33	<=33.01	Pass
			13	21.42	-1.00	20.42	<=33.01	Pass
			25	21.45	-1.00	20.45	<=33.01	Pass
		50	0	21.41	-1.00	20.41	<=33.01	Pass
	2593	1	0	23.04	-1.00	22.04	<=33.01	Pass
			25	23.09	-1.00	22.09	<=33.01	Pass
			49	22.99	-1.00	21.99	<=33.01	Pass
		25	0	22.18	-1.00	21.18	<=33.01	Pass
			13	22.31	-1.00	21.31	<=33.01	Pass
			25	22.35	-1.00	21.35	<=33.01	Pass
		50	0	22.15	-1.00	21.15	<=33.01	Pass
	2685	1	0	22.69	-1.00	21.69	<=33.01	Pass
			25	22.73	-1.00	21.73	<=33.01	Pass
			49	22.36	-1.00	21.36	<=33.01	Pass
		25	0	21.63	-1.00	20.63	<=33.01	Pass
			13	21.55	-1.00	20.55	<=33.01	Pass
			25	21.52	-1.00	20.52	<=33.01	Pass
		50	0	21.57	-1.00	20.57	<=33.01	Pass
256QAM	2501	1	0	19.28	-1.00	18.28	<=33.01	Pass
			25	19.37	-1.00	18.37	<=33.01	Pass
			49	19.40	-1.00	18.40	<=33.01	Pass
		25	0	19.36	-1.00	18.36	<=33.01	Pass
			13	19.40	-1.00	18.40	<=33.01	Pass
			25	19.48	-1.00	18.48	<=33.01	Pass
		50	0	19.40	-1.00	18.40	<=33.01	Pass
	2593	1	0	20.04	-1.00	19.04	<=33.01	Pass
			25	20.27	-1.00	19.27	<=33.01	Pass
			49	20.13	-1.00	19.13	<=33.01	Pass
		25	0	20.11	-1.00	19.11	<=33.01	Pass

			13	20.20	-1.00	19.20	<=33.01	Pass
			25	20.19	-1.00	19.19	<=33.01	Pass
		50	0	20.22	-1.00	19.22	<=33.01	Pass
	2685	1	0	19.49	-1.00	18.49	<=33.01	Pass
			25	19.41	-1.00	18.41	<=33.01	Pass
			49	19.34	-1.00	18.34	<=33.01	Pass
		25	0	19.59	-1.00	18.59	<=33.01	Pass
			13	19.55	-1.00	18.55	<=33.01	Pass
			25	19.52	-1.00	18.52	<=33.01	Pass
		50	0	19.56	-1.00	18.56	<=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	24.23	-1.00	23.23	<=33.01	Pass
			38	24.44	-1.00	23.44	<=33.01	Pass
			74	24.57	-1.00	23.57	<=33.01	Pass
		36	0	23.36	-1.00	22.36	<=33.01	Pass
			18	23.47	-1.00	22.47	<=33.01	Pass
			39	23.55	-1.00	22.55	<=33.01	Pass
		75	0	23.42	-1.00	22.42	<=33.01	Pass
	2593	1	0	24.97	-1.00	23.97	<=33.01	Pass
			38	25.10	-1.00	24.10	<=33.01	Pass
			74	25.21	-1.00	24.21	<=33.01	Pass
		36	0	24.11	-1.00	23.11	<=33.01	Pass
			18	24.16	-1.00	23.16	<=33.01	Pass
			39	24.18	-1.00	23.18	<=33.01	Pass
		75	0	24.12	-1.00	23.12	<=33.01	Pass
	2682.5	1	0	24.57	-1.00	23.57	<=33.01	Pass
			38	24.56	-1.00	23.56	<=33.01	Pass
			74	24.35	-1.00	23.35	<=33.01	Pass
		36	0	23.60	-1.00	22.60	<=33.01	Pass
			18	23.62	-1.00	22.62	<=33.01	Pass
			39	23.49	-1.00	22.49	<=33.01	Pass
		75	0	23.55	-1.00	22.55	<=33.01	Pass
16QAM	2503.5	1	0	23.31	-1.00	22.31	<=33.01	Pass
			38	23.40	-1.00	22.40	<=33.01	Pass
			74	23.47	-1.00	22.47	<=33.01	Pass
		36	0	22.40	-1.00	21.40	<=33.01	Pass
			18	22.48	-1.00	21.48	<=33.01	Pass
			39	22.58	-1.00	21.58	<=33.01	Pass
		75	0	22.44	-1.00	21.44	<=33.01	Pass
	2593	1	0	23.96	-1.00	22.96	<=33.01	Pass
			38	24.18	-1.00	23.18	<=33.01	Pass
			74	24.10	-1.00	23.10	<=33.01	Pass
		36	0	23.16	-1.00	22.16	<=33.01	Pass
			18	23.20	-1.00	22.20	<=33.01	Pass
			39	23.13	-1.00	22.13	<=33.01	Pass
		75	0	23.21	-1.00	22.21	<=33.01	Pass
	2682.5	1	0	23.68	-1.00	22.68	<=33.01	Pass
			38	23.59	-1.00	22.59	<=33.01	Pass
			74	23.31	-1.00	22.31	<=33.01	Pass
		36	0	22.62	-1.00	21.62	<=33.01	Pass
			18	22.62	-1.00	21.62	<=33.01	Pass

			39	22.54	-1.00	21.54	<=33.01	Pass	
		75	0	22.56	-1.00	21.56	<=33.01	Pass	
64QAM	2503.5	1	0	22.19	-1.00	21.19	<=33.01	Pass	
			38	22.53	-1.00	21.53	<=33.01	Pass	
			74	22.66	-1.00	21.66	<=33.01	Pass	
			0	21.39	-1.00	20.39	<=33.01	Pass	
		36	18	21.48	-1.00	20.48	<=33.01	Pass	
			39	21.57	-1.00	20.57	<=33.01	Pass	
			75	0	21.48	-1.00	20.48	<=33.01	Pass
		2593	1	0	23.03	-1.00	22.03	<=33.01	Pass
				38	23.12	-1.00	22.12	<=33.01	Pass
				74	23.25	-1.00	22.25	<=33.01	Pass
	36		0	22.15	-1.00	21.15	<=33.01	Pass	
			18	22.20	-1.00	21.20	<=33.01	Pass	
			39	22.19	-1.00	21.19	<=33.01	Pass	
	75		0	22.22	-1.00	21.22	<=33.01	Pass	
	2682.5	1	0	22.64	-1.00	21.64	<=33.01	Pass	
			38	22.55	-1.00	21.55	<=33.01	Pass	
			74	22.33	-1.00	21.33	<=33.01	Pass	
		36	0	21.66	-1.00	20.66	<=33.01	Pass	
			18	21.70	-1.00	20.70	<=33.01	Pass	
			39	21.48	-1.00	20.48	<=33.01	Pass	
		75	0	21.60	-1.00	20.60	<=33.01	Pass	
		256QAM	2503.5	1	0	19.05	-1.00	18.05	<=33.01
	38				19.43	-1.00	18.43	<=33.01	Pass
74	19.52				-1.00	18.52	<=33.01	Pass	
36	0			19.38	-1.00	18.38	<=33.01	Pass	
	18			19.47	-1.00	18.47	<=33.01	Pass	
	39			19.54	-1.00	18.54	<=33.01	Pass	
75	0			19.46	-1.00	18.46	<=33.01	Pass	
2593	1		0	19.99	-1.00	18.99	<=33.01	Pass	
			38	20.18	-1.00	19.18	<=33.01	Pass	
			74	20.18	-1.00	19.18	<=33.01	Pass	
	36		0	20.15	-1.00	19.15	<=33.01	Pass	
			18	20.16	-1.00	19.16	<=33.01	Pass	
			39	20.14	-1.00	19.14	<=33.01	Pass	
75	0		20.14	-1.00	19.14	<=33.01	Pass		
2682.5	1		0	19.60	-1.00	18.60	<=33.01	Pass	
			38	19.59	-1.00	18.59	<=33.01	Pass	
			74	19.53	-1.00	18.53	<=33.01	Pass	
	36		0	19.58	-1.00	18.58	<=33.01	Pass	
			18	19.61	-1.00	18.61	<=33.01	Pass	
			39	19.46	-1.00	18.46	<=33.01	Pass	
	75		0	19.59	-1.00	18.59	<=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	24.27	-1.00	23.27	<=33.01	Pass
			50	24.54	-1.00	23.54	<=33.01	Pass
			99	24.61	-1.00	23.61	<=33.01	Pass
		50	0	23.38	-1.00	22.38	<=33.01	Pass
			25	23.59	-1.00	22.59	<=33.01	Pass
			50	23.66	-1.00	22.66	<=33.01	Pass

		100	0	23.54	-1.00	22.54	<=33.01	Pass
		2593	1	0	25.12	-1.00	24.12	<=33.01
				50	25.18	-1.00	24.18	<=33.01
				99	25.12	-1.00	24.12	<=33.01
			50	0	24.11	-1.00	23.11	<=33.01
				25	24.24	-1.00	23.24	<=33.01
				50	24.23	-1.00	23.23	<=33.01
		100	0	24.19	-1.00	23.19	<=33.01	Pass
		2680	1	0	24.62	-1.00	23.62	<=33.01
				50	24.61	-1.00	23.61	<=33.01
				99	24.35	-1.00	23.35	<=33.01
			50	0	23.67	-1.00	22.67	<=33.01
				25	23.68	-1.00	22.68	<=33.01
				50	23.51	-1.00	22.51	<=33.01
16QAM		100	0	23.59	-1.00	22.59	<=33.01	Pass
		2506	1	0	23.35	-1.00	22.35	<=33.01
				50	23.59	-1.00	22.59	<=33.01
				99	23.51	-1.00	22.51	<=33.01
			50	0	22.40	-1.00	21.40	<=33.01
				25	22.60	-1.00	21.60	<=33.01
				50	22.67	-1.00	21.67	<=33.01
		100	0	22.59	-1.00	21.59	<=33.01	Pass
		2593	1	0	23.89	-1.00	22.89	<=33.01
				50	24.14	-1.00	23.14	<=33.01
				99	24.13	-1.00	23.13	<=33.01
			50	0	23.12	-1.00	22.12	<=33.01
				25	23.34	-1.00	22.34	<=33.01
				50	23.22	-1.00	22.22	<=33.01
		100	0	23.17	-1.00	22.17	<=33.01	Pass
		2680	1	0	23.64	-1.00	22.64	<=33.01
				50	23.76	-1.00	22.76	<=33.01
				99	23.59	-1.00	22.59	<=33.01
			50	0	22.69	-1.00	21.69	<=33.01
				25	22.63	-1.00	21.63	<=33.01
				50	22.63	-1.00	21.63	<=33.01
64QAM		100	0	22.61	-1.00	21.61	<=33.01	Pass
		2506	1	0	22.24	-1.00	21.24	<=33.01
				50	22.49	-1.00	21.49	<=33.01
				99	22.60	-1.00	21.60	<=33.01
			50	0	21.39	-1.00	20.39	<=33.01
				25	21.60	-1.00	20.60	<=33.01
				50	21.66	-1.00	20.66	<=33.01
		100	0	21.58	-1.00	20.58	<=33.01	Pass
		2593	1	0	23.20	-1.00	22.20	<=33.01
				50	23.18	-1.00	22.18	<=33.01
				99	23.26	-1.00	22.26	<=33.01
			50	0	22.09	-1.00	21.09	<=33.01
				25	22.22	-1.00	21.22	<=33.01
				50	22.35	-1.00	21.35	<=33.01
		100	0	22.21	-1.00	21.21	<=33.01	Pass
		2680	1	0	22.66	-1.00	21.66	<=33.01
				50	22.72	-1.00	21.72	<=33.01
				99	22.38	-1.00	21.38	<=33.01
			50	0	21.69	-1.00	20.69	<=33.01
				25	21.67	-1.00	20.67	<=33.01
				50	21.56	-1.00	20.56	<=33.01
256QAM		2506	1	0	21.61	-1.00	20.61	<=33.01
				50	19.25	-1.00	18.25	<=33.01
					19.73	-1.00	18.73	<=33.01

			99	19.65	-1.00	18.65	<=33.01	Pass
		50	0	19.40	-1.00	18.40	<=33.01	Pass
			25	19.55	-1.00	18.55	<=33.01	Pass
			50	19.62	-1.00	18.62	<=33.01	Pass
		100	0	19.54	-1.00	18.54	<=33.01	Pass
	2593	1	0	19.97	-1.00	18.97	<=33.01	Pass
			50	20.20	-1.00	19.20	<=33.01	Pass
			99	20.21	-1.00	19.21	<=33.01	Pass
		50	0	20.07	-1.00	19.07	<=33.01	Pass
			25	20.21	-1.00	19.21	<=33.01	Pass
			50	20.20	-1.00	19.20	<=33.01	Pass
		100	0	20.22	-1.00	19.22	<=33.01	Pass
		2680	1	0	19.51	-1.00	18.51	<=33.01
	50			19.69	-1.00	18.69	<=33.01	Pass
	99			19.44	-1.00	18.44	<=33.01	Pass
	50		0	19.63	-1.00	18.63	<=33.01	Pass
			25	19.65	-1.00	18.65	<=33.01	Pass
			50	19.53	-1.00	18.53	<=33.01	Pass
	100		0	19.60	-1.00	18.60	<=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	3.6	-2.511	-0.0010	-2.5 to 2.5	Pass
					3.91	-0.485	-0.0002	-2.5 to 2.5	Pass
					4.3	0.456	0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.955	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	0.875	0.0004	-2.5 to 2.5	Pass
				-10	3.91	-1.525	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.523	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-1.554	-0.0006	-2.5 to 2.5	Pass
				30	3.91	0.372	0.0001	-2.5 to 2.5	Pass
				40	3.91	0.514	0.0002	-2.5 to 2.5	Pass
				50	3.91	-1.775	-0.0007	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	0.524	0.0002	-2.5 to 2.5	Pass
					3.91	0.794	0.0003	-2.5 to 2.5	Pass
					4.3	1.319	0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.080	0.0000	-2.5 to 2.5	Pass
				-20	3.91	2.078	0.0008	-2.5 to 2.5	Pass
				-10	3.91	2.752	0.0011	-2.5 to 2.5	Pass
				0	3.91	1.935	0.0007	-2.5 to 2.5	Pass
				10	3.91	3.134	0.0012	-2.5 to 2.5	Pass
				30	3.91	3.050	0.0012	-2.5 to 2.5	Pass
				40	3.91	2.300	0.0009	-2.5 to 2.5	Pass
				50	3.91	2.502	0.0010	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-2.186	-0.0008	-2.5 to 2.5	Pass
					3.91	-2.601	-0.0010	-2.5 to 2.5	Pass
					4.3	-1.701	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-0.524	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.202	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-4.603	-0.0017	-2.5 to 2.5	Pass
				0	3.91	-3.034	-0.0011	-2.5 to 2.5	Pass
				10	3.91	-1.618	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-2.704	-0.0010	-2.5 to 2.5	Pass
				40	3.91	-1.158	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-2.513	-0.0009	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.6	0.363	0.0001	-2.5 to 2.5	Pass
					3.91	-1.927	-0.0008	-2.5 to 2.5	Pass
					4.3	0.440	0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.090	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-1.444	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.811	-0.0003	-2.5 to 2.5	Pass
				0	3.91	0.358	0.0001	-2.5 to 2.5	Pass
				10	3.91	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.026	0.0000	-2.5 to 2.5	Pass
				40	3.91	0.689	0.0003	-2.5 to 2.5	Pass
				50	3.91	0.027	0.0000	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	1.204	0.0005	-2.5 to 2.5	Pass
					3.91	1.775	0.0007	-2.5 to 2.5	Pass
					4.3	2.997	0.0012	-2.5 to 2.5	Pass

				-30	3.91	2.991	0.0012	-2.5 to 2.5	Pass
				-20	3.91	0.768	0.0003	-2.5 to 2.5	Pass
				-10	3.91	1.517	0.0006	-2.5 to 2.5	Pass
				0	3.91	3.162	0.0012	-2.5 to 2.5	Pass
				10	3.91	3.070	0.0012	-2.5 to 2.5	Pass
				30	3.91	1.594	0.0006	-2.5 to 2.5	Pass
				40	3.91	1.679	0.0006	-2.5 to 2.5	Pass
				50	3.91	0.765	0.0003	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-1.951	-0.0007	-2.5 to 2.5	Pass
					3.91	-2.776	-0.0010	-2.5 to 2.5	Pass
					4.3	-2.886	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-2.318	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-2.602	-0.0010	-2.5 to 2.5	Pass
				-10	3.91	-1.371	-0.0005	-2.5 to 2.5	Pass
				0	3.91	-1.346	-0.0005	-2.5 to 2.5	Pass
				10	3.91	-2.392	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-1.466	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-2.023	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-3.230	-0.0012	-2.5 to 2.5	Pass
64QAM	2498.5	25	0	20	3.6	-2.235	-0.0009	-2.5 to 2.5	Pass
					3.91	0.249	0.0001	-2.5 to 2.5	Pass
					4.3	0.699	0.0003	-2.5 to 2.5	Pass
				-30	3.91	-0.675	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.024	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-1.703	-0.0007	-2.5 to 2.5	Pass
				0	3.91	1.068	0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.739	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-1.332	-0.0005	-2.5 to 2.5	Pass
				40	3.91	0.917	0.0004	-2.5 to 2.5	Pass
				50	3.91	-2.056	-0.0008	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	1.562	0.0006	-2.5 to 2.5	Pass
					3.91	2.696	0.0010	-2.5 to 2.5	Pass
					4.3	1.180	0.0005	-2.5 to 2.5	Pass
				-30	3.91	2.916	0.0011	-2.5 to 2.5	Pass
				-20	3.91	0.454	0.0002	-2.5 to 2.5	Pass
				-10	3.91	2.530	0.0010	-2.5 to 2.5	Pass
				0	3.91	2.307	0.0009	-2.5 to 2.5	Pass
				10	3.91	0.955	0.0004	-2.5 to 2.5	Pass
				30	3.91	1.848	0.0007	-2.5 to 2.5	Pass
				40	3.91	1.260	0.0005	-2.5 to 2.5	Pass
				50	3.91	2.192	0.0008	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-1.046	-0.0004	-2.5 to 2.5	Pass
					3.91	-1.339	-0.0005	-2.5 to 2.5	Pass
					4.3	-2.505	-0.0009	-2.5 to 2.5	Pass
				-30	3.91	0.264	0.0001	-2.5 to 2.5	Pass
				-20	3.91	-1.548	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	0.252	0.0001	-2.5 to 2.5	Pass
				0	3.91	-0.540	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-2.741	-0.0010	-2.5 to 2.5	Pass
				30	3.91	-1.056	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.427	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-1.332	-0.0005	-2.5 to 2.5	Pass
256QAM	2498.5	25	0	20	3.6	-0.632	-0.0003	-2.5 to 2.5	Pass
					3.91	-1.137	-0.0005	-2.5 to 2.5	Pass
					4.3	-2.143	-0.0009	-2.5 to 2.5	Pass
				-30	3.91	0.158	0.0001	-2.5 to 2.5	Pass
				-20	3.91	-1.338	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-1.082	-0.0004	-2.5 to 2.5	Pass
				0	3.91	1.711	0.0007	-2.5 to 2.5	Pass

				10	3.91	-1.064	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-1.293	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-1.823	-0.0007	-2.5 to 2.5	Pass
				50	3.91	0.758	0.0003	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	0.390	0.0002	-2.5 to 2.5	Pass
					3.91	2.018	0.0008	-2.5 to 2.5	Pass
					4.3	0.942	0.0004	-2.5 to 2.5	Pass
				-30	3.91	3.124	0.0012	-2.5 to 2.5	Pass
				-20	3.91	1.191	0.0005	-2.5 to 2.5	Pass
				-10	3.91	1.865	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.221	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.869	0.0003	-2.5 to 2.5	Pass
				30	3.91	0.596	0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.139	-0.0001	-2.5 to 2.5	Pass
				50	3.91	1.318	0.0005	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	-0.328	-0.0001	-2.5 to 2.5	Pass
					3.91	-2.217	-0.0008	-2.5 to 2.5	Pass
					4.3	-1.806	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-2.583	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	0.581	0.0002	-2.5 to 2.5	Pass
				-10	3.91	-0.575	-0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.621	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.115	0.0000	-2.5 to 2.5	Pass
				30	3.91	-0.047	0.0000	-2.5 to 2.5	Pass
				40	3.91	-1.677	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-1.280	-0.0005	-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	3.6	-4.252	-0.0017	-2.5 to 2.5	Pass
					3.91	-2.457	-0.0010	-2.5 to 2.5	Pass
					4.3	-4.895	-0.0020	-2.5 to 2.5	Pass
				-30	3.91	-3.417	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	-4.377	-0.0018	-2.5 to 2.5	Pass
				-10	3.91	-2.661	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-3.334	-0.0013	-2.5 to 2.5	Pass
				10	3.91	-3.256	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-4.179	-0.0017	-2.5 to 2.5	Pass
				40	3.91	-4.005	-0.0016	-2.5 to 2.5	Pass
				50	3.91	-5.325	-0.0021	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	-1.954	-0.0008	-2.5 to 2.5	Pass
					3.91	-0.239	-0.0001	-2.5 to 2.5	Pass
					4.3	-1.601	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	0.888	0.0003	-2.5 to 2.5	Pass
				-20	3.91	-1.513	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-1.323	-0.0005	-2.5 to 2.5	Pass
				0	3.91	-0.870	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-1.215	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-1.179	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-2.164	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-1.590	-0.0006	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-2.437	-0.0009	-2.5 to 2.5	Pass
					3.91	-1.941	-0.0007	-2.5 to 2.5	Pass
					4.3	-1.740	-0.0006	-2.5 to 2.5	Pass

				-30	3.91	-3.300	-0.0012	-2.5 to 2.5	Pass
				-20	3.91	-0.869	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	-3.614	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-3.586	-0.0013	-2.5 to 2.5	Pass
				10	3.91	-2.429	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-4.167	-0.0016	-2.5 to 2.5	Pass
				40	3.91	-1.797	-0.0007	-2.5 to 2.5	Pass
16QAM	2501	50	0	50	3.91	-2.991	-0.0011	-2.5 to 2.5	Pass
				20	3.6	-3.551	-0.0014	-2.5 to 2.5	Pass
					3.91	-5.123	-0.0020	-2.5 to 2.5	Pass
					4.3	-4.270	-0.0017	-2.5 to 2.5	Pass
				-30	3.91	-1.608	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-4.122	-0.0016	-2.5 to 2.5	Pass
				-10	3.91	-3.315	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-2.870	-0.0011	-2.5 to 2.5	Pass
				10	3.91	-3.882	-0.0016	-2.5 to 2.5	Pass
				30	3.91	-2.598	-0.0010	-2.5 to 2.5	Pass
				40	3.91	-4.479	-0.0018	-2.5 to 2.5	Pass
				50	3.91	-6.060	-0.0024	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	-0.897	-0.0003	-2.5 to 2.5	Pass
					3.91	-1.679	-0.0006	-2.5 to 2.5	Pass
					4.3	-0.755	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	0.481	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.111	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-0.512	-0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.420	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.359	-0.0001	-2.5 to 2.5	Pass
				30	3.91	-0.997	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.705	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-1.903	-0.0007	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-1.879	-0.0007	-2.5 to 2.5	Pass
					3.91	-2.544	-0.0009	-2.5 to 2.5	Pass
					4.3	-3.009	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-0.442	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.707	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.922	-0.0003	-2.5 to 2.5	Pass
				0	3.91	-0.437	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-2.113	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-3.155	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.974	-0.0007	-2.5 to 2.5	Pass
64QAM	2501	50	0	50	3.91	-2.033	-0.0008	-2.5 to 2.5	Pass
				20	3.6	-2.714	-0.0011	-2.5 to 2.5	Pass
					3.91	-3.772	-0.0015	-2.5 to 2.5	Pass
					4.3	-3.425	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	-4.411	-0.0018	-2.5 to 2.5	Pass
				-20	3.91	-3.533	-0.0014	-2.5 to 2.5	Pass
				-10	3.91	-2.456	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-2.115	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-4.881	-0.0020	-2.5 to 2.5	Pass
				30	3.91	-3.320	-0.0013	-2.5 to 2.5	Pass
	2593	50	0	40	3.91	-4.544	-0.0018	-2.5 to 2.5	Pass
				50	3.91	-2.108	-0.0008	-2.5 to 2.5	Pass
				20	3.6	0.092	0.0000	-2.5 to 2.5	Pass
					3.91	-0.535	-0.0002	-2.5 to 2.5	Pass
					4.3	-0.352	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.108	0.0000	-2.5 to 2.5	Pass
				-20	3.91	1.423	0.0005	-2.5 to 2.5	Pass
				-10	3.91	-1.682	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.223	-0.0001	-2.5 to 2.5	Pass

				10	3.91	-0.522	-0.0002	-2.5 to 2.5	Pass
				30	3.91	0.456	0.0002	-2.5 to 2.5	Pass
				40	3.91	1.864	0.0007	-2.5 to 2.5	Pass
				50	3.91	-1.208	-0.0005	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-1.439	-0.0005	-2.5 to 2.5	Pass
					3.91	-0.037	0.0000	-2.5 to 2.5	Pass
					4.3	-1.879	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-0.222	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-1.191	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-2.488	-0.0009	-2.5 to 2.5	Pass
				0	3.91	-1.291	-0.0005	-2.5 to 2.5	Pass
				10	3.91	-1.987	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-1.544	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-1.559	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-3.238	-0.0012	-2.5 to 2.5	Pass
256QAM	2501	50	0	20	3.6	-3.760	-0.0015	-2.5 to 2.5	Pass
					3.91	-3.478	-0.0014	-2.5 to 2.5	Pass
					4.3	-0.220	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-3.187	-0.0013	-2.5 to 2.5	Pass
				-20	3.91	-3.330	-0.0013	-2.5 to 2.5	Pass
				-10	3.91	-1.708	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-3.007	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-2.220	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-4.434	-0.0018	-2.5 to 2.5	Pass
				40	3.91	-2.329	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.940	-0.0004	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	0.285	0.0001	-2.5 to 2.5	Pass
					3.91	-1.660	-0.0006	-2.5 to 2.5	Pass
					4.3	-0.231	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.771	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.330	0.0001	-2.5 to 2.5	Pass
				-10	3.91	1.266	0.0005	-2.5 to 2.5	Pass
				0	3.91	1.111	0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.755	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.410	-0.0002	-2.5 to 2.5	Pass
				40	3.91	0.110	0.0000	-2.5 to 2.5	Pass
				50	3.91	1.942	0.0007	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-2.696	-0.0010	-2.5 to 2.5	Pass
					3.91	-1.330	-0.0005	-2.5 to 2.5	Pass
					4.3	-0.993	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-2.441	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-1.232	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-1.651	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-1.822	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-1.622	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-1.074	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-1.387	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-0.566	-0.0002	-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	3.6	-2.609	-0.0010	-2.5 to 2.5	Pass
					3.91	-0.575	-0.0002	-2.5 to 2.5	Pass
					4.3	-0.696	-0.0003	-2.5 to 2.5	Pass

				-30	3.91	-1.804	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-2.912	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-4.001	-0.0016	-2.5 to 2.5	Pass
				0	3.91	-3.731	-0.0015	-2.5 to 2.5	Pass
				10	3.91	-2.328	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-0.828	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.477	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-3.809	-0.0015	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	-0.503	-0.0002	-2.5 to 2.5	Pass
					3.91	-1.782	-0.0007	-2.5 to 2.5	Pass
					4.3	-0.491	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	0.096	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-1.103	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.083	0.0000	-2.5 to 2.5	Pass
				0	3.91	-0.312	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-1.203	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-1.588	-0.0006	-2.5 to 2.5	Pass
				40	3.91	0.604	0.0002	-2.5 to 2.5	Pass
				50	3.91	-0.204	-0.0001	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-3.377	-0.0013	-2.5 to 2.5	Pass
					3.91	-4.739	-0.0018	-2.5 to 2.5	Pass
					4.3	-4.114	-0.0015	-2.5 to 2.5	Pass
				-30	3.91	-2.839	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-2.161	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-2.818	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-3.472	-0.0013	-2.5 to 2.5	Pass
				10	3.91	-4.735	-0.0018	-2.5 to 2.5	Pass
				30	3.91	-2.549	-0.0010	-2.5 to 2.5	Pass
				40	3.91	-3.872	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-3.819	-0.0014	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.6	-1.452	-0.0006	-2.5 to 2.5	Pass
					3.91	-4.917	-0.0020	-2.5 to 2.5	Pass
					4.3	-1.811	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-3.462	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	-3.555	-0.0014	-2.5 to 2.5	Pass
				-10	3.91	-2.953	-0.0012	-2.5 to 2.5	Pass
				0	3.91	-1.893	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-1.335	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.934	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-3.659	-0.0015	-2.5 to 2.5	Pass
				50	3.91	-3.470	-0.0014	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	-0.280	-0.0001	-2.5 to 2.5	Pass
					3.91	0.538	0.0002	-2.5 to 2.5	Pass
					4.3	-0.586	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.721	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.466	0.0002	-2.5 to 2.5	Pass
				-10	3.91	-1.134	-0.0004	-2.5 to 2.5	Pass
				0	3.91	0.104	0.0000	-2.5 to 2.5	Pass
				10	3.91	0.977	0.0004	-2.5 to 2.5	Pass
				30	3.91	1.599	0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.516	-0.0002	-2.5 to 2.5	Pass
				50	3.91	0.159	0.0001	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-3.573	-0.0013	-2.5 to 2.5	Pass
					3.91	-2.682	-0.0010	-2.5 to 2.5	Pass
					4.3	-3.494	-0.0013	-2.5 to 2.5	Pass
				-30	3.91	-1.956	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-3.499	-0.0013	-2.5 to 2.5	Pass
				-10	3.91	-5.091	-0.0019	-2.5 to 2.5	Pass
				0	3.91	-4.019	-0.0015	-2.5 to 2.5	Pass

				10	3.91	-3.548	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-4.303	-0.0016	-2.5 to 2.5	Pass
				40	3.91	-3.298	-0.0012	-2.5 to 2.5	Pass
				50	3.91	-1.551	-0.0006	-2.5 to 2.5	Pass
64QAM	2503.5	75	0	20	3.6	-0.828	-0.0003	-2.5 to 2.5	Pass
					3.91	-2.833	-0.0011	-2.5 to 2.5	Pass
					4.3	-2.778	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-3.512	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	-1.142	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-2.169	-0.0009	-2.5 to 2.5	Pass
				0	3.91	-1.784	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-2.931	-0.0012	-2.5 to 2.5	Pass
				30	3.91	-1.081	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-3.197	-0.0013	-2.5 to 2.5	Pass
				50	3.91	-1.447	-0.0006	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	1.134	0.0004	-2.5 to 2.5	Pass
					3.91	0.477	0.0002	-2.5 to 2.5	Pass
					4.3	-0.965	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-1.292	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	1.296	0.0005	-2.5 to 2.5	Pass
				-10	3.91	-0.653	-0.0003	-2.5 to 2.5	Pass
				0	3.91	-2.549	-0.0010	-2.5 to 2.5	Pass
				10	3.91	-1.866	-0.0007	-2.5 to 2.5	Pass
				30	3.91	0.936	0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.109	0.0000	-2.5 to 2.5	Pass
				50	3.91	-0.243	-0.0001	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-3.079	-0.0011	-2.5 to 2.5	Pass
					3.91	-2.840	-0.0011	-2.5 to 2.5	Pass
					4.3	-3.853	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	-4.007	-0.0015	-2.5 to 2.5	Pass
				-20	3.91	-3.215	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-2.730	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-2.251	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-2.414	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-3.193	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.908	-0.0007	-2.5 to 2.5	Pass
				50	3.91	-2.396	-0.0009	-2.5 to 2.5	Pass
256QAM	2503.5	75	0	20	3.6	-1.977	-0.0008	-2.5 to 2.5	Pass
					3.91	-1.860	-0.0007	-2.5 to 2.5	Pass
					4.3	-2.635	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	0.461	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.469	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-1.467	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-2.018	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-1.279	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-1.054	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.885	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-0.395	-0.0002	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	0.447	0.0002	-2.5 to 2.5	Pass
					3.91	-0.836	-0.0003	-2.5 to 2.5	Pass
					4.3	0.277	0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.394	0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.012	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-0.629	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.426	0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.757	-0.0003	-2.5 to 2.5	Pass
				30	3.91	1.102	0.0004	-2.5 to 2.5	Pass
				40	3.91	0.320	0.0001	-2.5 to 2.5	Pass
				50	3.91	-0.884	-0.0003	-2.5 to 2.5	Pass

	2682.5	75	0	20	3.6	-2.326	-0.0009	-2.5 to 2.5	Pass
					3.91	-1.175	-0.0004	-2.5 to 2.5	Pass
					4.3	-2.688	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-2.760	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-1.887	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-3.469	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-4.306	-0.0016	-2.5 to 2.5	Pass
				10	3.91	-1.445	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-1.612	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-2.359	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-3.838	-0.0014	-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	3.6	-0.195	-0.0001	-2.5 to 2.5	Pass
					3.91	0.634	0.0003	-2.5 to 2.5	Pass
					4.3	-0.238	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.246	0.0001	-2.5 to 2.5	Pass
				-20	3.91	-1.785	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	0.555	0.0002	-2.5 to 2.5	Pass
				0	3.91	-2.736	-0.0011	-2.5 to 2.5	Pass
				10	3.91	-2.124	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-2.835	-0.0011	-2.5 to 2.5	Pass
				40	3.91	0.118	0.0000	-2.5 to 2.5	Pass
				50	3.91	1.484	0.0006	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-0.895	-0.0003	-2.5 to 2.5	Pass
					3.91	-1.303	-0.0005	-2.5 to 2.5	Pass
					4.3	-1.072	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.511	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.149	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.283	-0.0001	-2.5 to 2.5	Pass
				0	3.91	0.230	0.0001	-2.5 to 2.5	Pass
				10	3.91	-1.595	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.813	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-2.009	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-1.624	-0.0006	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-1.614	-0.0006	-2.5 to 2.5	Pass
					3.91	0.477	0.0002	-2.5 to 2.5	Pass
					4.3	1.113	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.455	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.108	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-1.314	-0.0005	-2.5 to 2.5	Pass
				0	3.91	-1.343	-0.0005	-2.5 to 2.5	Pass
				10	3.91	-1.058	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-1.710	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-0.194	-0.0001	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.6	-2.143	-0.0009	-2.5 to 2.5	Pass
					3.91	-2.846	-0.0011	-2.5 to 2.5	Pass
					4.3	0.220	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-3.486	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	0.437	0.0002	-2.5 to 2.5	Pass
				-10	3.91	-1.065	-0.0004	-2.5 to 2.5	Pass
				0	3.91	1.135	0.0005	-2.5 to 2.5	Pass

				10	3.91	-3.301	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-2.611	-0.0010	-2.5 to 2.5	Pass
				40	3.91	0.818	0.0003	-2.5 to 2.5	Pass
				50	3.91	1.168	0.0005	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-2.066	-0.0008	-2.5 to 2.5	Pass
					3.91	-0.613	-0.0002	-2.5 to 2.5	Pass
					4.3	-2.123	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	0.378	0.0001	-2.5 to 2.5	Pass
				-20	3.91	1.474	0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.567	-0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.033	0.0000	-2.5 to 2.5	Pass
				10	3.91	-1.308	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-3.097	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-2.140	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-1.395	-0.0005	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	0.941	0.0004	-2.5 to 2.5	Pass
					3.91	-0.035	0.0000	-2.5 to 2.5	Pass
					4.3	1.923	0.0007	-2.5 to 2.5	Pass
				-30	3.91	-0.271	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	1.337	0.0005	-2.5 to 2.5	Pass
				-10	3.91	-2.514	-0.0009	-2.5 to 2.5	Pass
				0	3.91	0.403	0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.732	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.037	0.0000	-2.5 to 2.5	Pass
				40	3.91	-2.361	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.081	0.0000	-2.5 to 2.5	Pass
64QAM	2506	100	0	20	3.6	-2.995	-0.0012	-2.5 to 2.5	Pass
					3.91	-2.372	-0.0009	-2.5 to 2.5	Pass
					4.3	-1.879	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-3.302	-0.0013	-2.5 to 2.5	Pass
				-20	3.91	0.540	0.0002	-2.5 to 2.5	Pass
				-10	3.91	-2.124	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.787	-0.0007	-2.5 to 2.5	Pass
				10	3.91	1.028	0.0004	-2.5 to 2.5	Pass
				30	3.91	-1.967	-0.0008	-2.5 to 2.5	Pass
				40	3.91	-0.166	-0.0001	-2.5 to 2.5	Pass
				50	3.91	1.509	0.0006	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-0.855	-0.0003	-2.5 to 2.5	Pass
					3.91	-0.804	-0.0003	-2.5 to 2.5	Pass
					4.3	0.204	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.858	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	-0.598	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	-1.830	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-1.776	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-1.584	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.763	-0.0003	-2.5 to 2.5	Pass
				40	3.91	0.706	0.0003	-2.5 to 2.5	Pass
				50	3.91	0.943	0.0004	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-0.183	-0.0001	-2.5 to 2.5	Pass
					3.91	-0.656	-0.0002	-2.5 to 2.5	Pass
					4.3	1.153	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.126	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.681	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	1.488	0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.961	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-1.781	-0.0007	-2.5 to 2.5	Pass
				30	3.91	1.178	0.0004	-2.5 to 2.5	Pass
				40	3.91	-2.322	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.633	-0.0002	-2.5 to 2.5	Pass

256QAM	2506	100	0	20	3.6	0.691	0.0003	-2.5 to 2.5	Pass
					3.91	-0.729	-0.0003	-2.5 to 2.5	Pass
					4.3	1.417	0.0006	-2.5 to 2.5	Pass
				-30	3.91	-2.012	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-1.712	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	0.181	0.0001	-2.5 to 2.5	Pass
				0	3.91	0.163	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.184	0.0001	-2.5 to 2.5	Pass
				30	3.91	-2.078	-0.0008	-2.5 to 2.5	Pass
				40	3.91	1.099	0.0004	-2.5 to 2.5	Pass
				50	3.91	-0.494	-0.0002	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-1.082	-0.0004	-2.5 to 2.5	Pass
					3.91	0.613	0.0002	-2.5 to 2.5	Pass
					4.3	-0.463	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	1.392	0.0005	-2.5 to 2.5	Pass
				-20	3.91	-2.460	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	-1.486	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.527	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.645	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-0.756	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.629	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-0.083	0.0000	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	0.176	0.0001	-2.5 to 2.5	Pass
					3.91	-0.172	-0.0001	-2.5 to 2.5	Pass
					4.3	0.346	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.263	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.332	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-1.170	-0.0004	-2.5 to 2.5	Pass
				0	3.91	1.226	0.0005	-2.5 to 2.5	Pass
				10	3.91	0.766	0.0003	-2.5 to 2.5	Pass
				30	3.91	1.572	0.0006	-2.5 to 2.5	Pass
				40	3.91	-1.174	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-1.192	-0.0004	-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	4.565	/	Pass
		2593	25	0	4.569	/	Pass
		2687.5	25	0	4.568	/	Pass
	16QAM	2498.5	25	0	4.570	/	Pass
		2593	25	0	4.568	/	Pass
		2687.5	25	0	4.575	/	Pass
	64QAM	2498.5	25	0	4.568	/	Pass
		2593	25	0	4.577	/	Pass
		2687.5	25	0	4.596	/	Pass
	256QAM	2498.5	25	0	4.599	/	Pass
		2593	25	0	4.558	/	Pass
		2687.5	25	0	4.561	/	Pass
10	QPSK	2501	50	0	9.063	/	Pass
		2593	50	0	9.074	/	Pass
		2685	50	0	9.081	/	Pass
	16QAM	2501	50	0	9.096	/	Pass
		2593	50	0	9.083	/	Pass
		2685	50	0	9.101	/	Pass
	64QAM	2501	50	0	9.090	/	Pass
		2593	50	0	9.081	/	Pass
		2685	50	0	9.062	/	Pass
	256QAM	2501	50	0	9.047	/	Pass
		2593	50	0	9.070	/	Pass
		2685	50	0	9.075	/	Pass
15	QPSK	2503.5	75	0	13.616	/	Pass
		2593	75	0	13.613	/	Pass
		2682.5	75	0	13.618	/	Pass
	16QAM	2503.5	75	0	13.644	/	Pass
		2593	75	0	13.624	/	Pass
		2682.5	75	0	13.610	/	Pass
	64QAM	2503.5	75	0	13.605	/	Pass
		2593	75	0	13.606	/	Pass
		2682.5	75	0	13.651	/	Pass
	256QAM	2503.5	75	0	13.597	/	Pass
		2593	75	0	13.586	/	Pass
		2682.5	75	0	13.651	/	Pass
20	QPSK	2506	100	0	18.223	/	Pass
		2593	100	0	18.135	/	Pass
		2680	100	0	18.124	/	Pass
	16QAM	2506	100	0	18.080	/	Pass
		2593	100	0	18.125	/	Pass
		2680	100	0	18.150	/	Pass
	64QAM	2506	100	0	18.110	/	Pass
		2593	100	0	18.129	/	Pass
		2680	100	0	18.101	/	Pass
	256QAM	2506	100	0	18.099	/	Pass
		2593	100	0	18.138	/	Pass

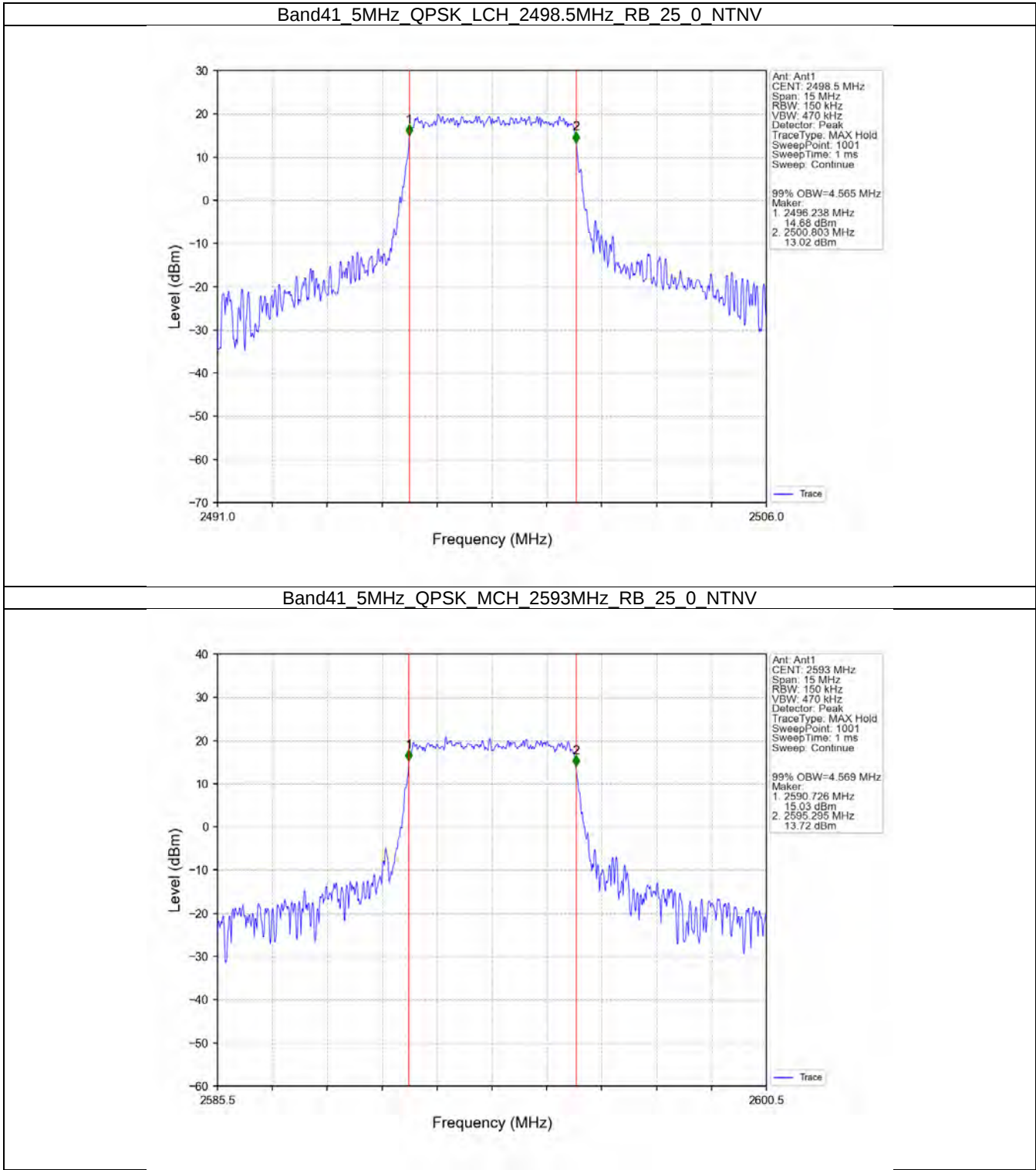
		2680	100	0	18.132	/	Pass
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3.1.2 Band41_XDB

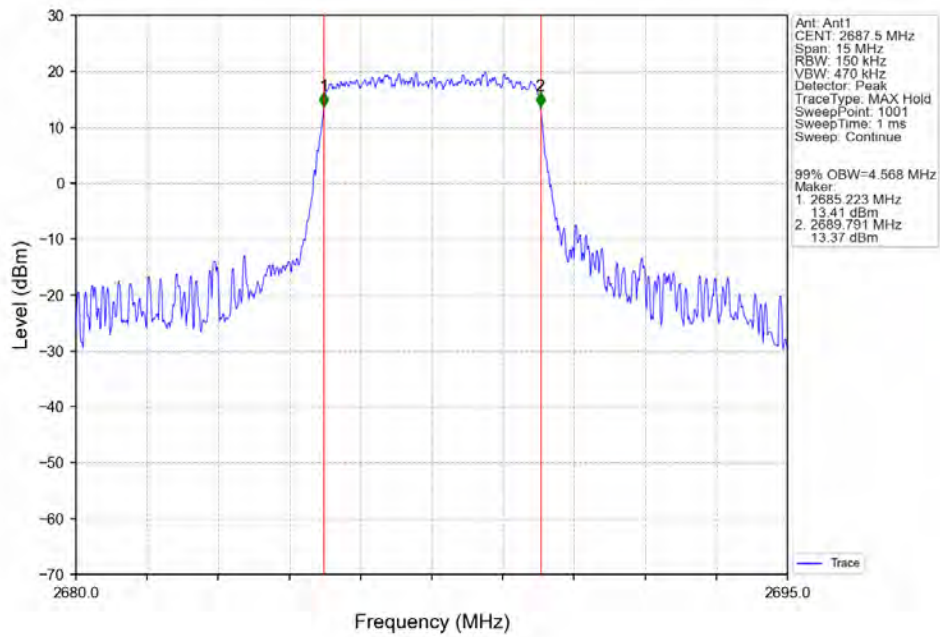
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.447	/	Pass
		2593	25	0	5.561	/	Pass
		2687.5	25	0	5.221	/	Pass
	16QAM	2498.5	25	0	5.230	/	Pass
		2593	25	0	5.313	/	Pass
		2687.5	25	0	5.396	/	Pass
	64QAM	2498.5	25	0	5.404	/	Pass
		2593	25	0	5.720	/	Pass
		2687.5	25	0	5.540	/	Pass
	256QAM	2498.5	25	0	5.529	/	Pass
		2593	25	0	5.219	/	Pass
		2687.5	25	0	5.334	/	Pass
10	QPSK	2501	50	0	10.220	/	Pass
		2593	50	0	10.374	/	Pass
		2685	50	0	10.197	/	Pass
	16QAM	2501	50	0	10.843	/	Pass
		2593	50	0	11.364	/	Pass
		2685	50	0	10.786	/	Pass
	64QAM	2501	50	0	10.211	/	Pass
		2593	50	0	10.687	/	Pass
		2685	50	0	11.057	/	Pass
	256QAM	2501	50	0	10.556	/	Pass
		2593	50	0	10.196	/	Pass
		2685	50	0	11.144	/	Pass
15	QPSK	2503.5	75	0	15.133	/	Pass
		2593	75	0	15.115	/	Pass
		2682.5	75	0	15.649	/	Pass
	16QAM	2503.5	75	0	15.913	/	Pass
		2593	75	0	16.379	/	Pass
		2682.5	75	0	15.530	/	Pass
	64QAM	2503.5	75	0	15.190	/	Pass
		2593	75	0	15.218	/	Pass
		2682.5	75	0	17.340	/	Pass
	256QAM	2503.5	75	0	16.574	/	Pass
		2593	75	0	15.632	/	Pass
		2682.5	75	0	15.509	/	Pass
20	QPSK	2506	100	0	21.563	/	Pass
		2593	100	0	20.076	/	Pass
		2680	100	0	21.738	/	Pass
	16QAM	2506	100	0	20.089	/	Pass
		2593	100	0	20.709	/	Pass
		2680	100	0	20.221	/	Pass
	64QAM	2506	100	0	21.057	/	Pass
		2593	100	0	21.692	/	Pass
		2680	100	0	21.563	/	Pass
	256QAM	2506	100	0	22.859	/	Pass
		2593	100	0	20.339	/	Pass
		2680	100	0	21.664	/	Pass

3.2 Test Graph

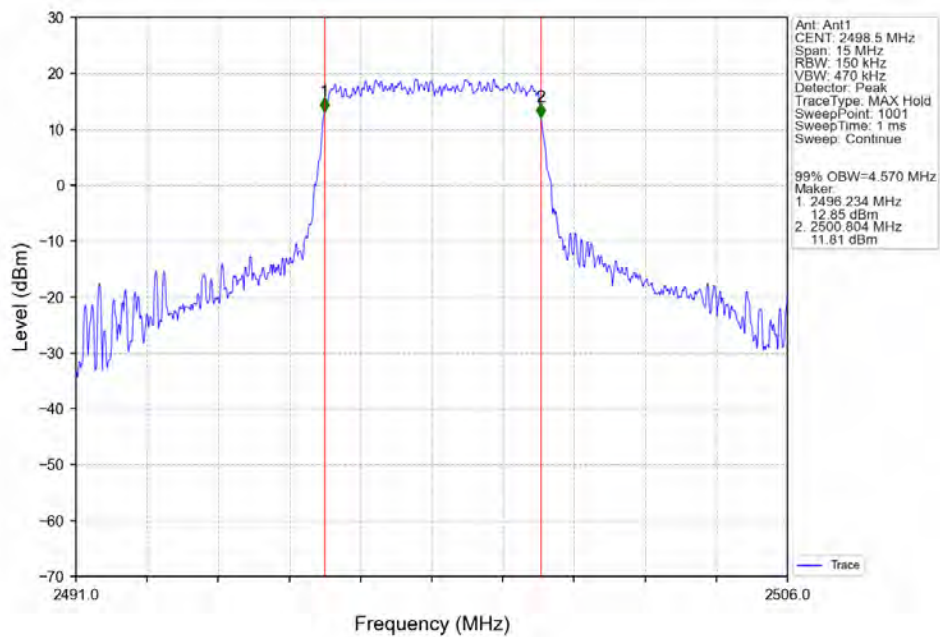
3.2.1 Band41_OBW



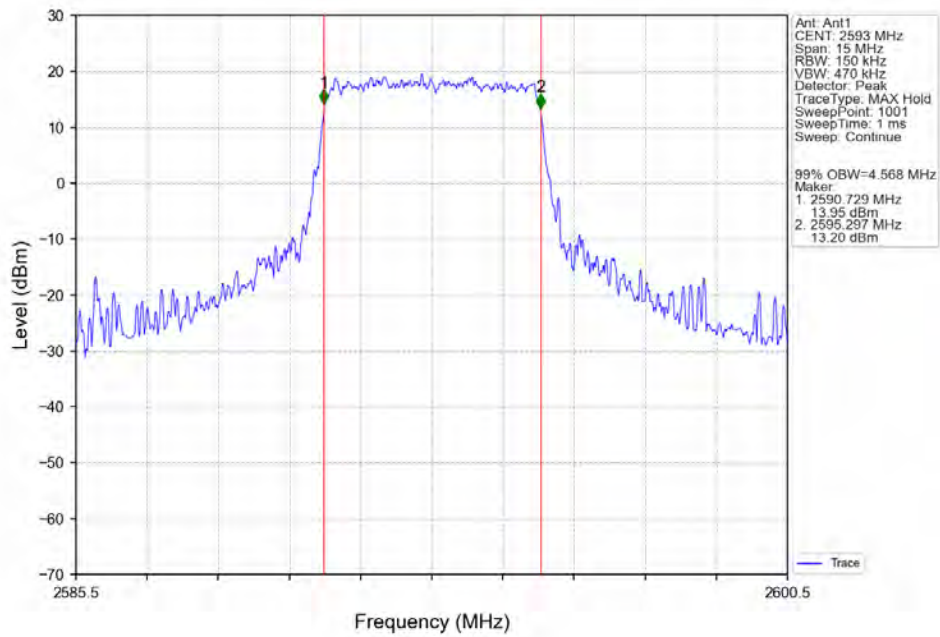
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



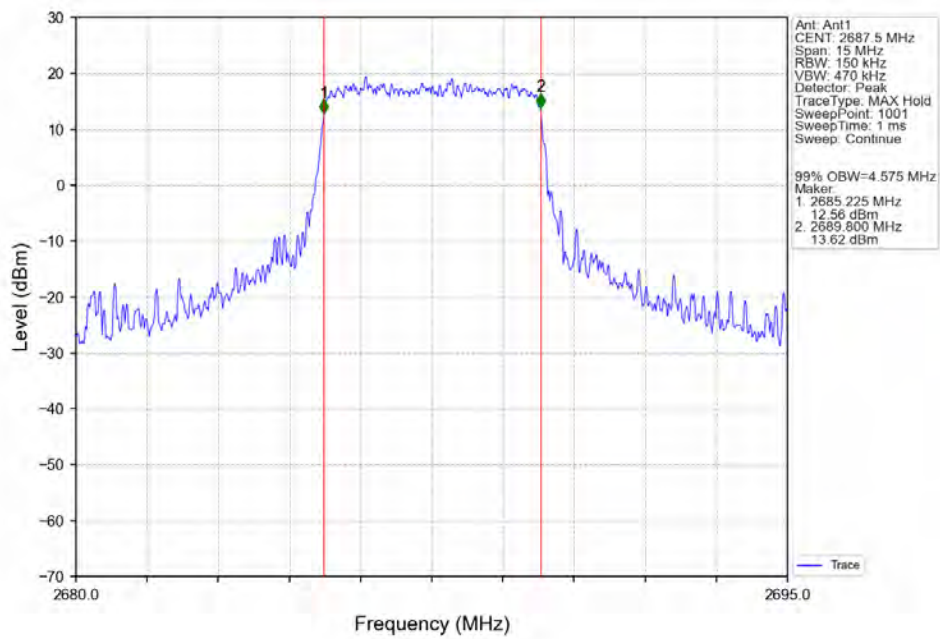
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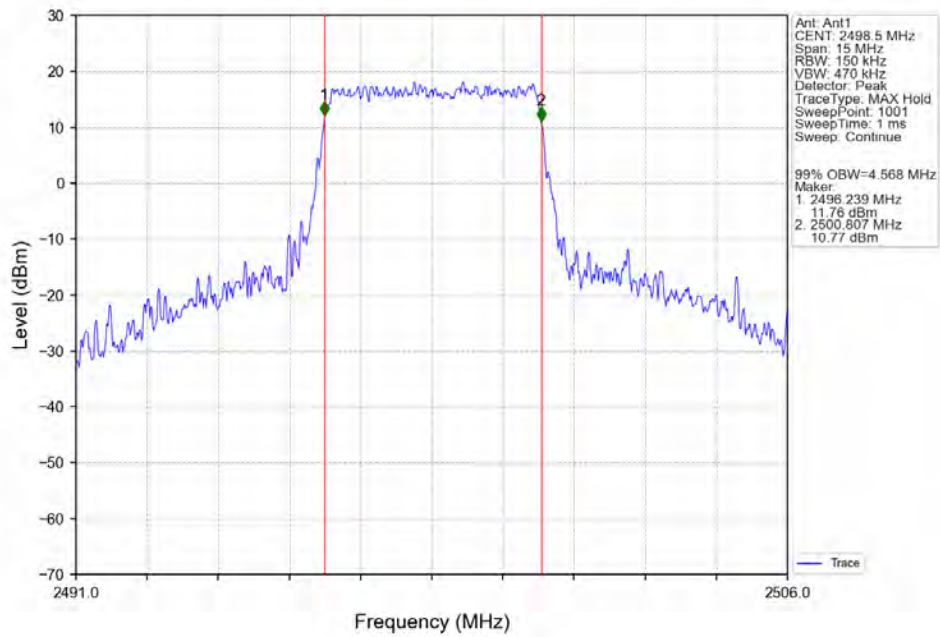
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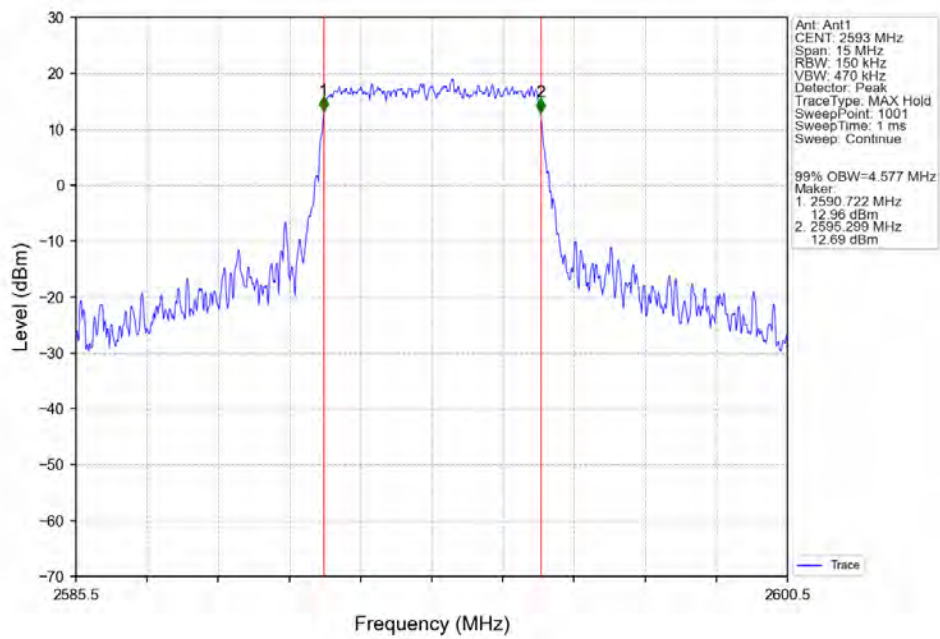
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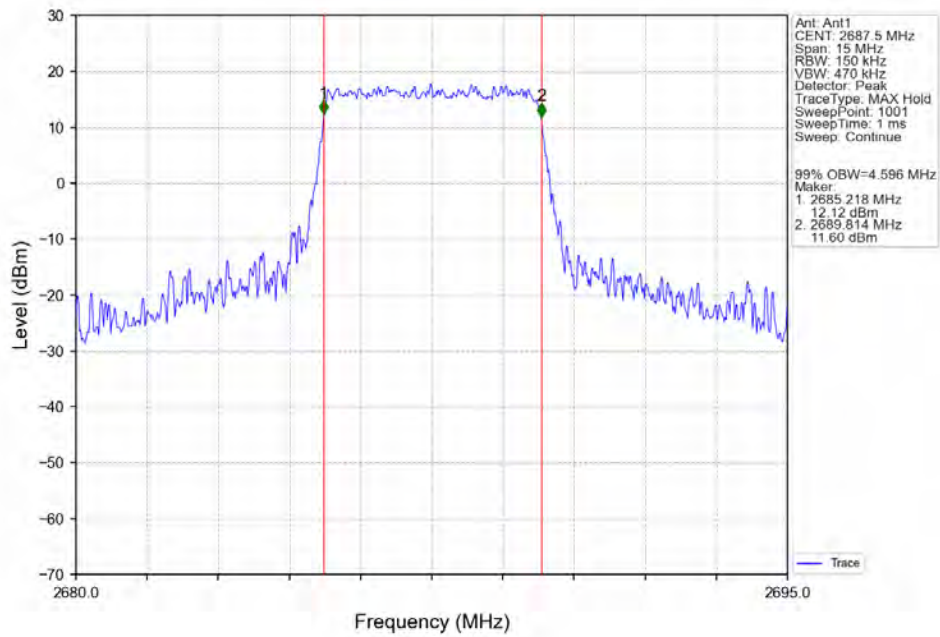
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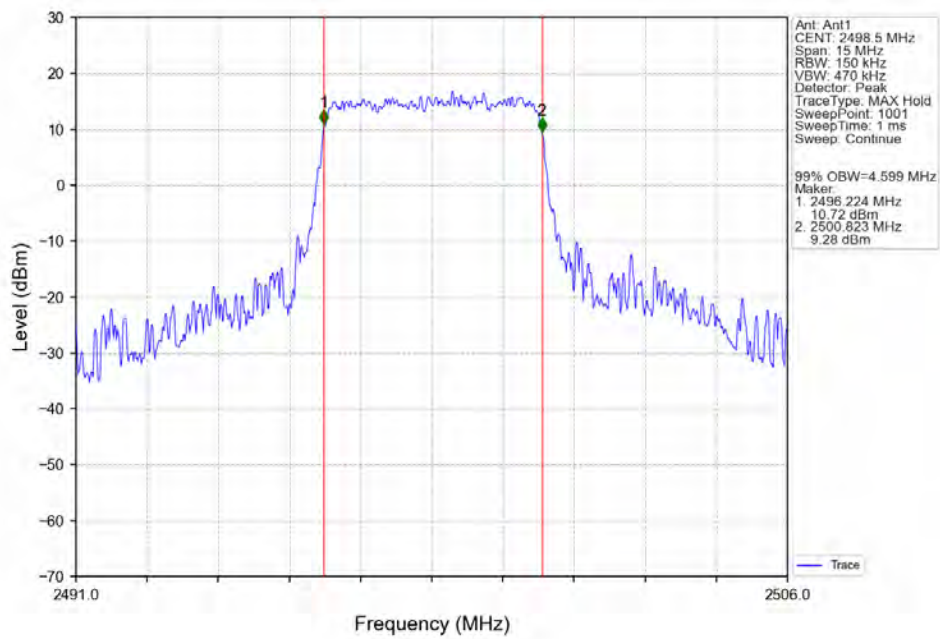
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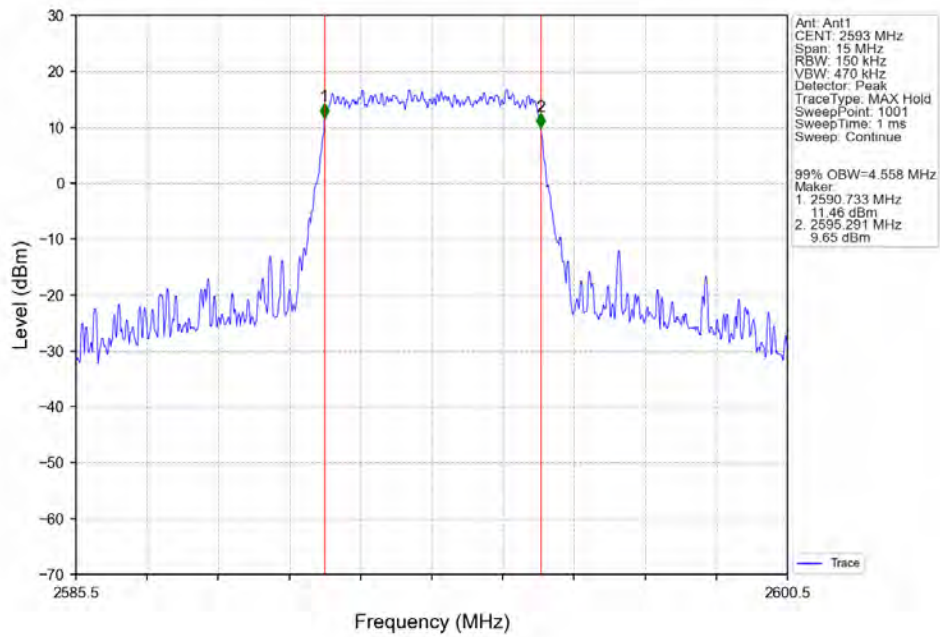
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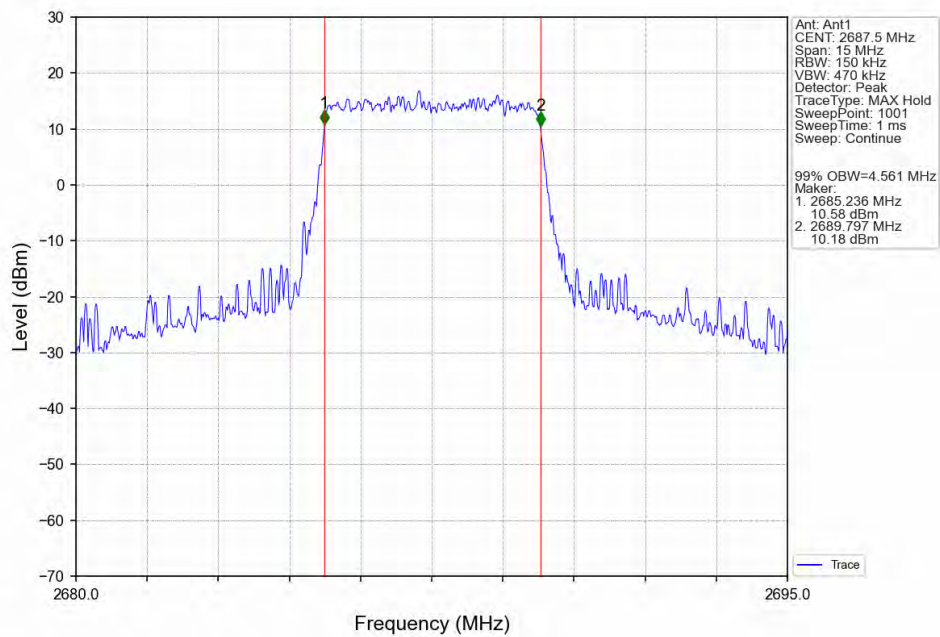
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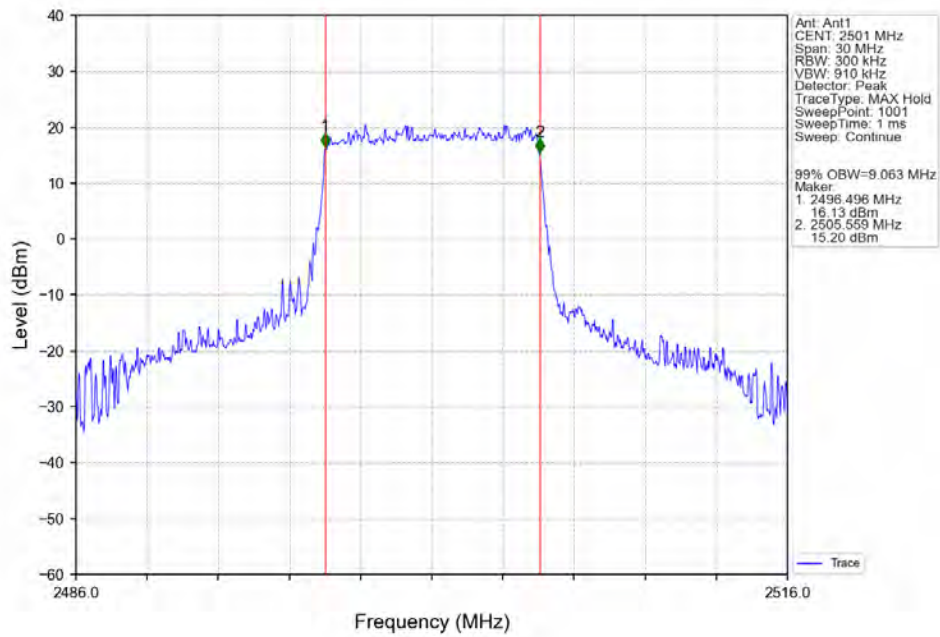
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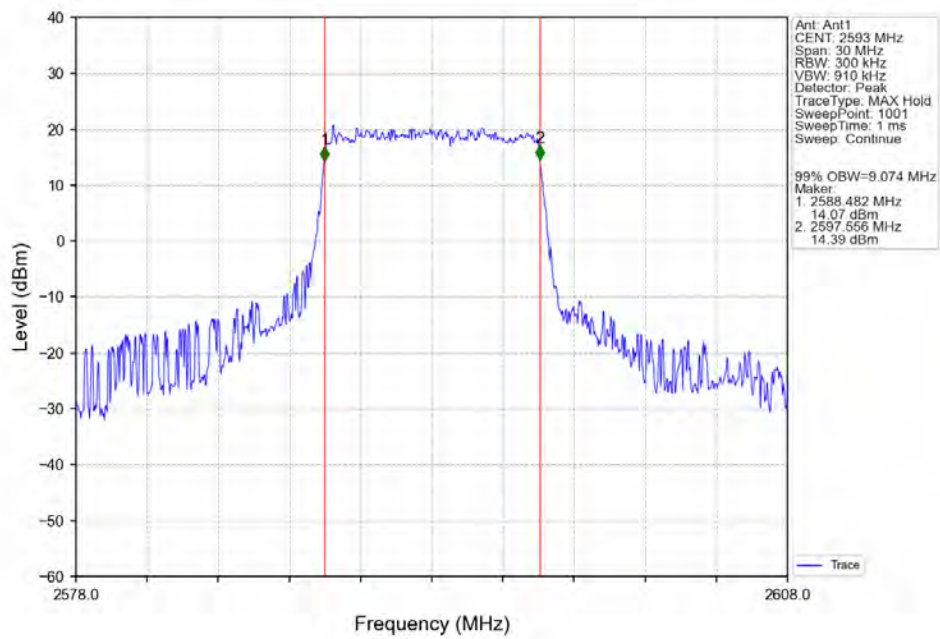
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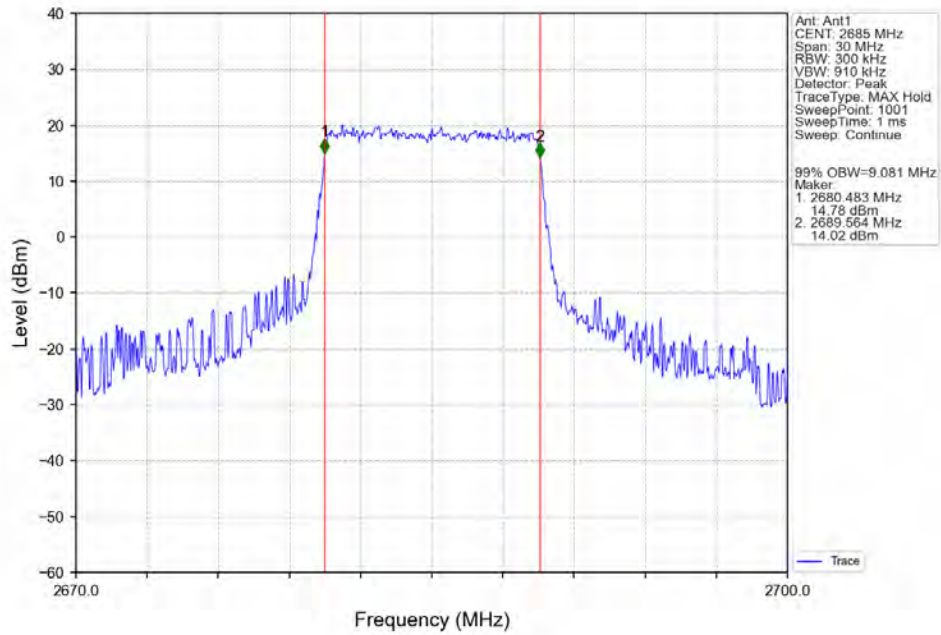
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



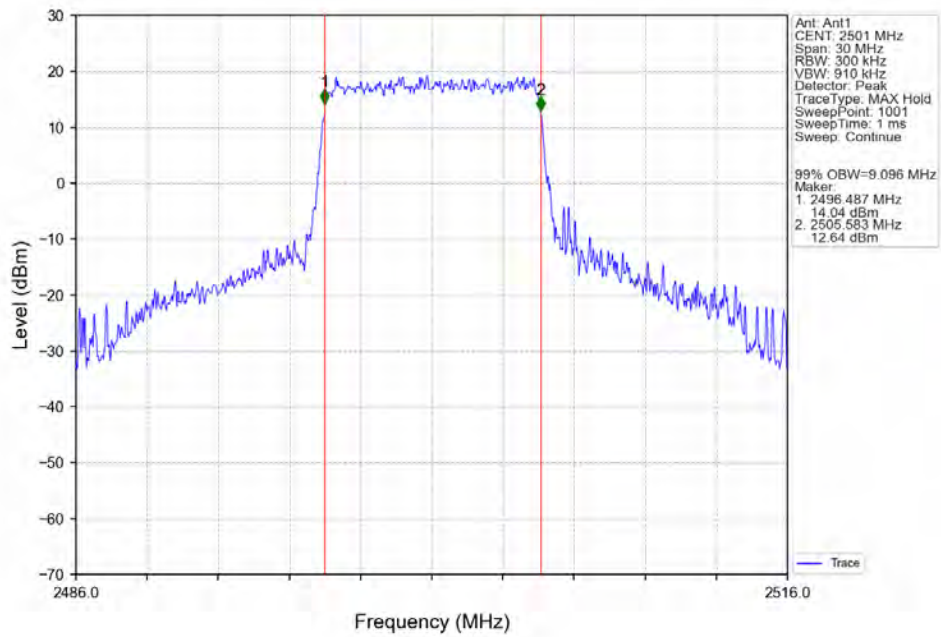
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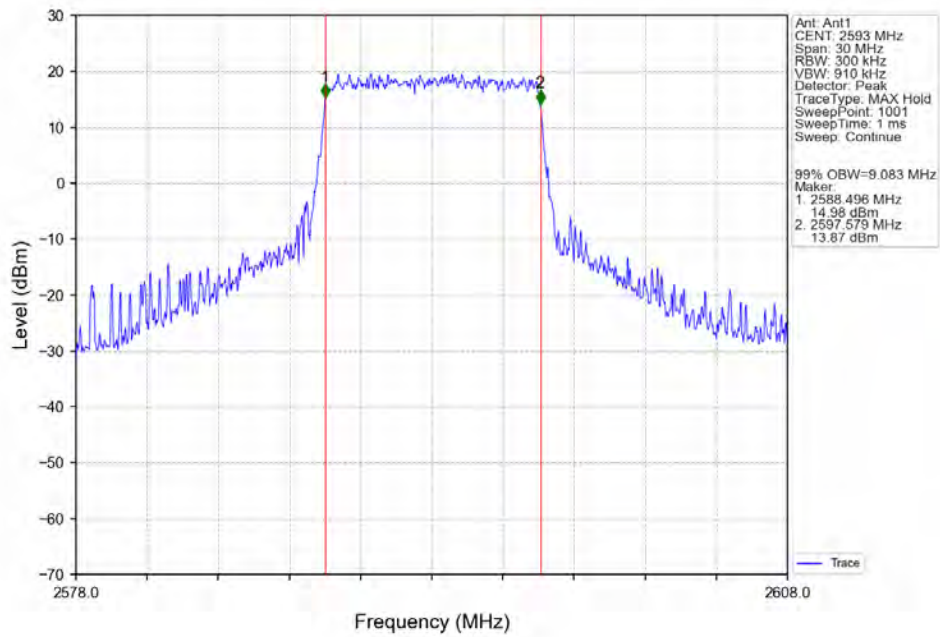
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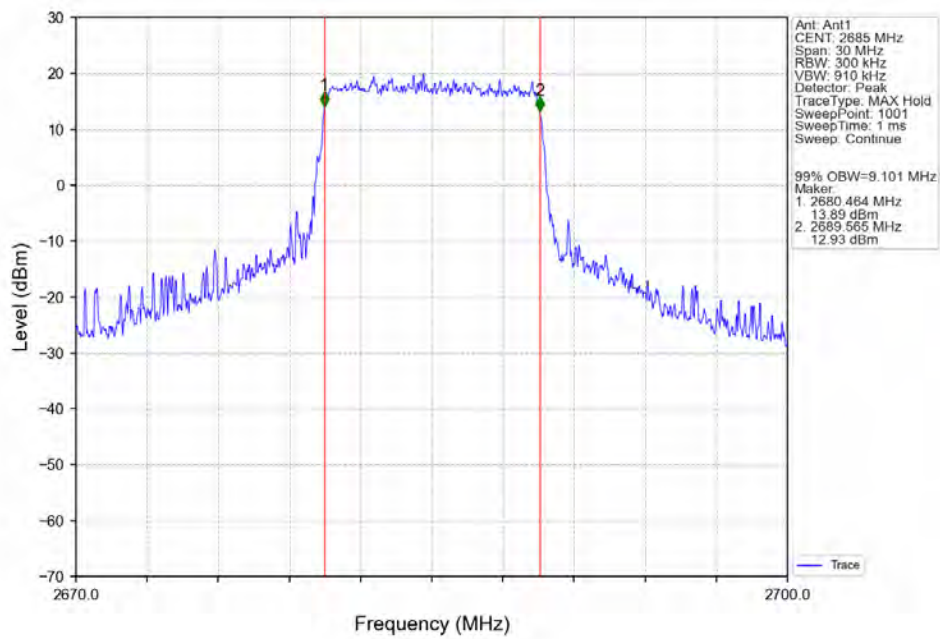
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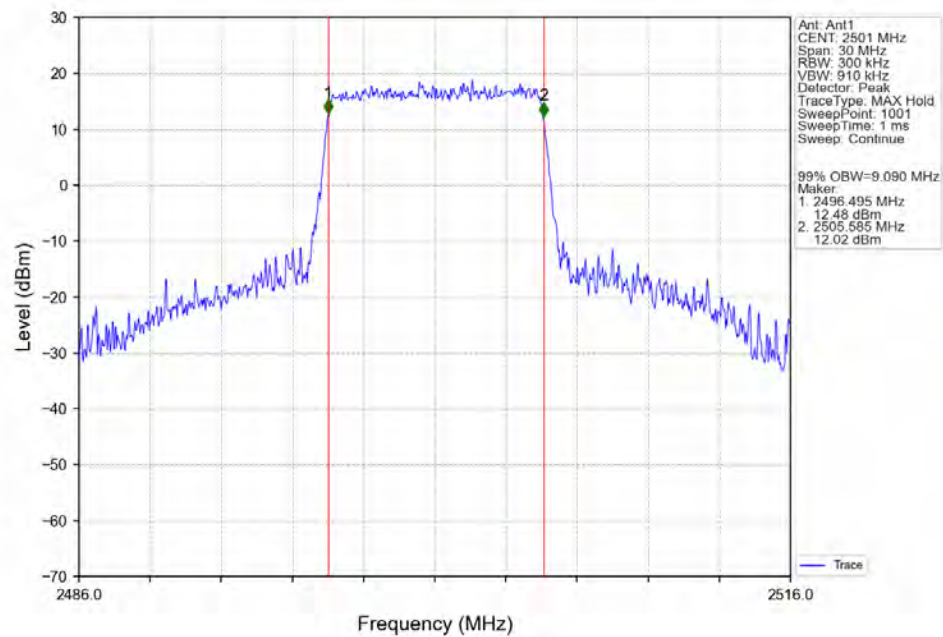
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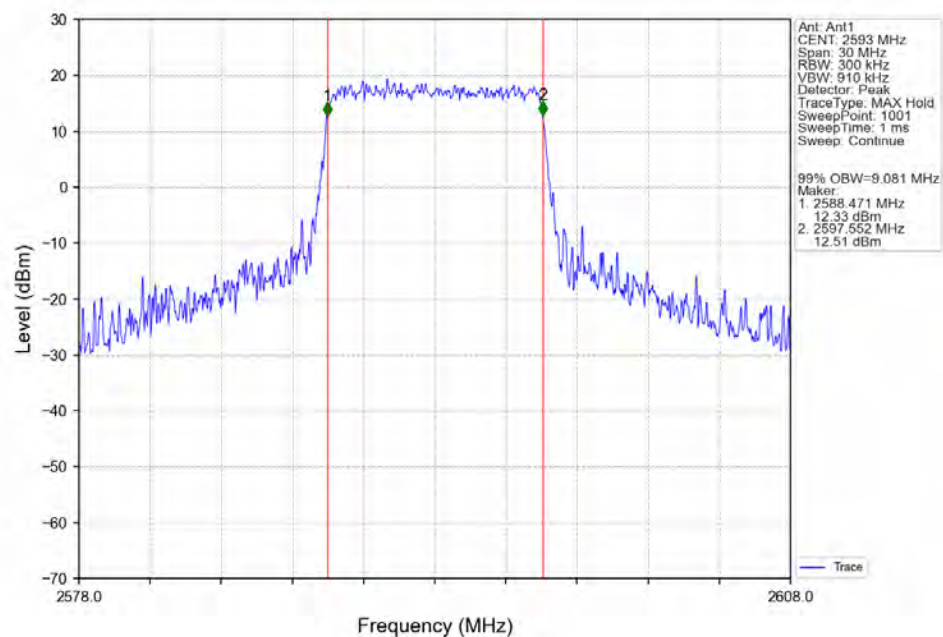
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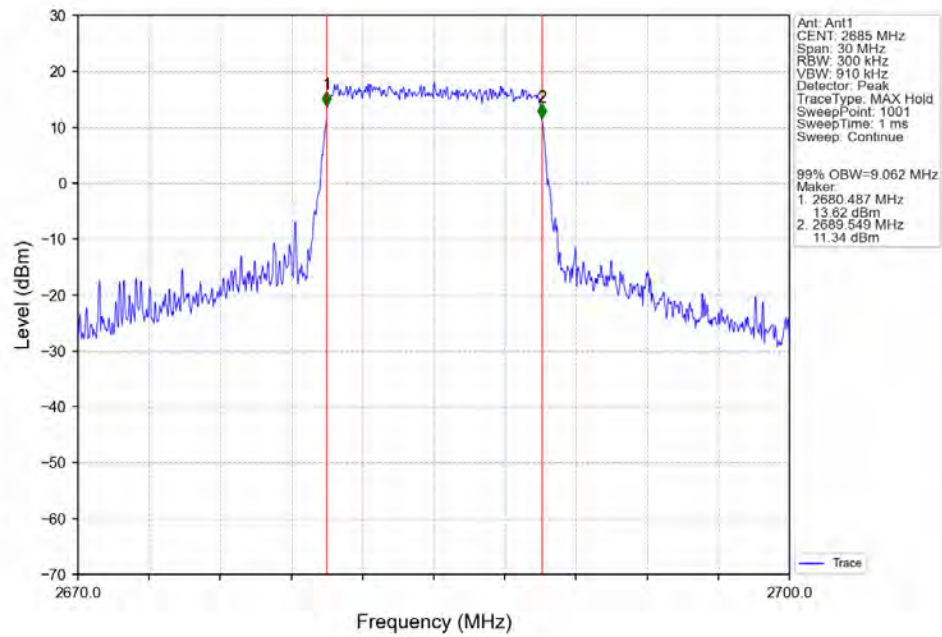
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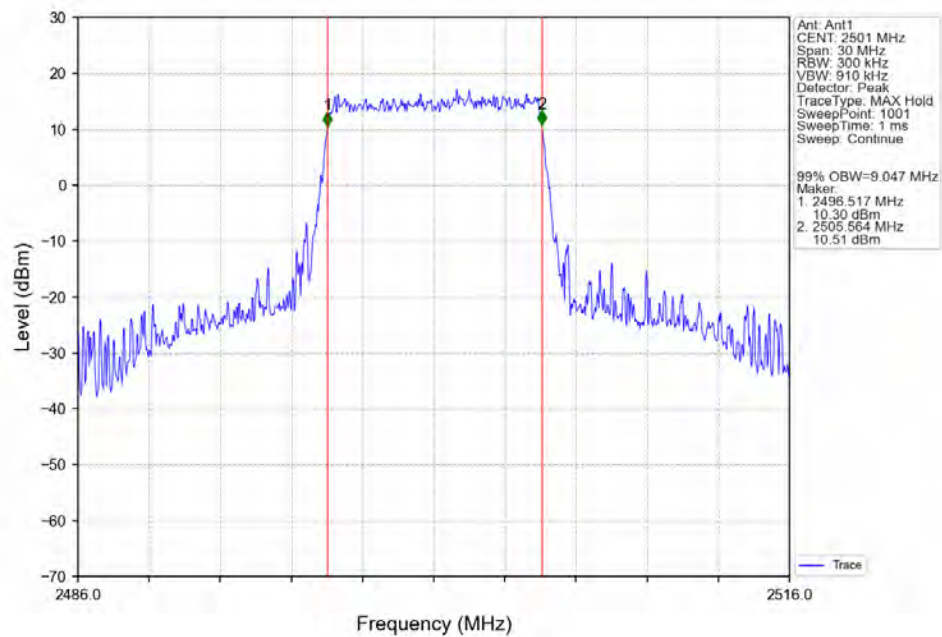
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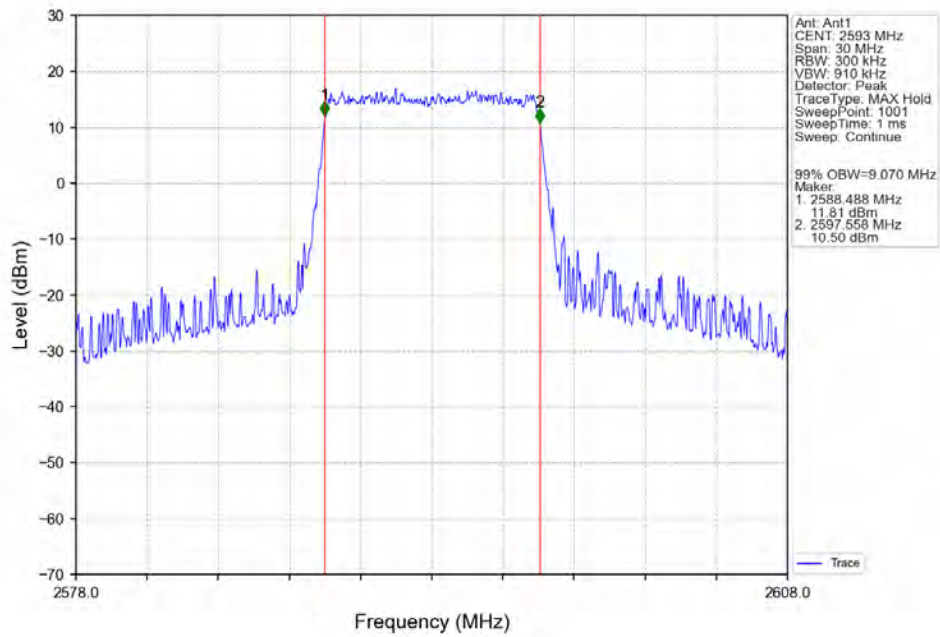
Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTNV



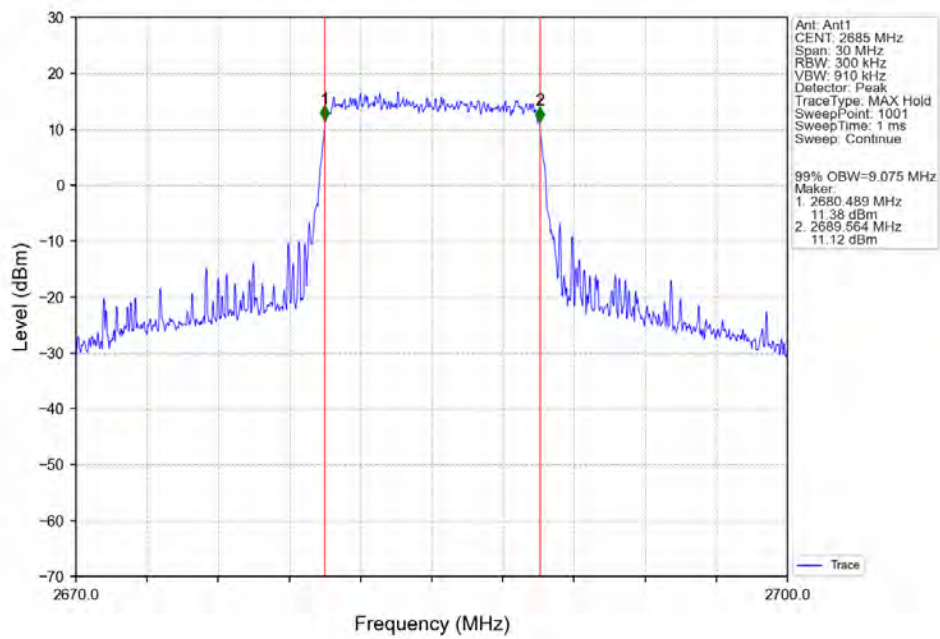
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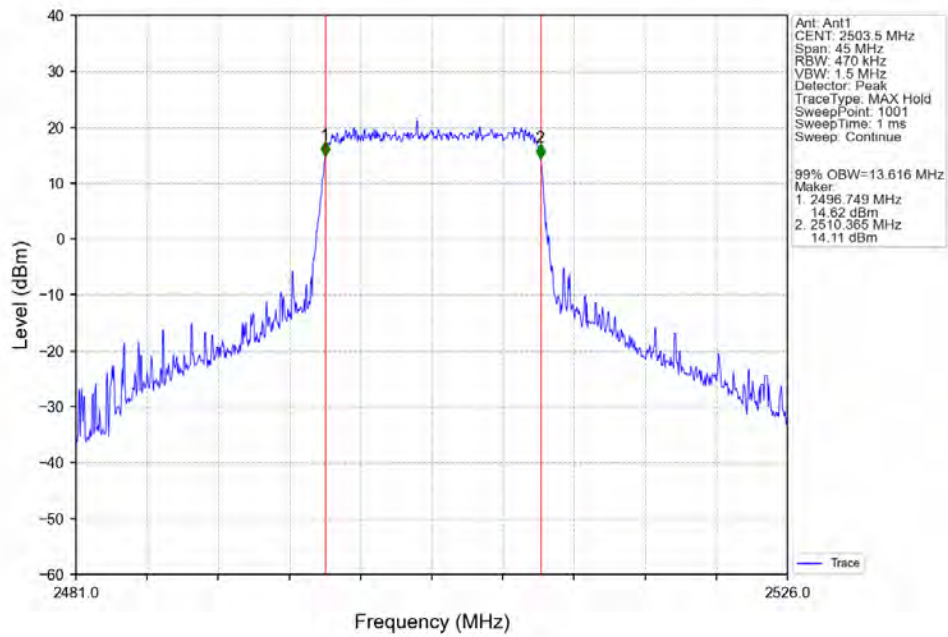
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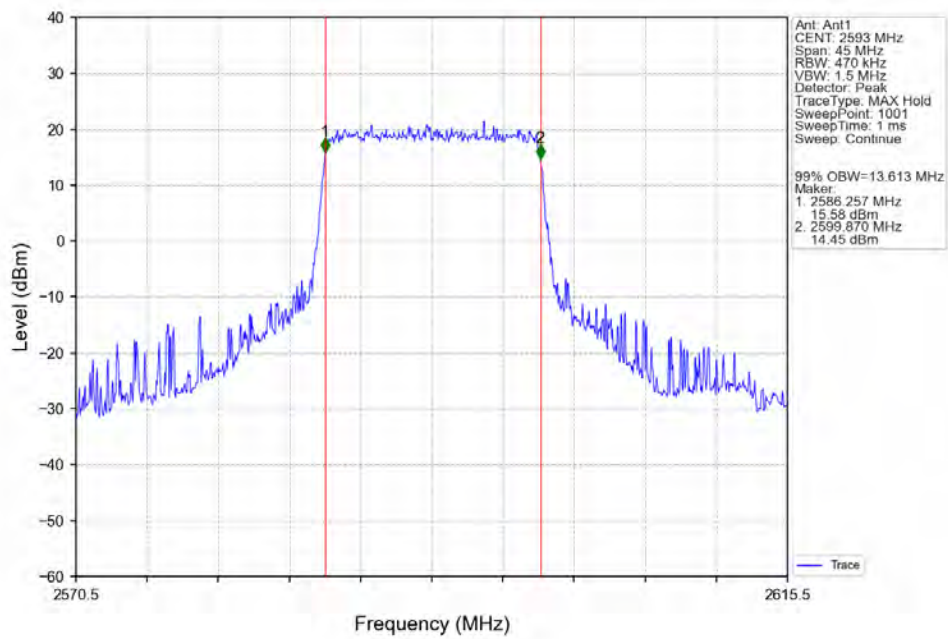
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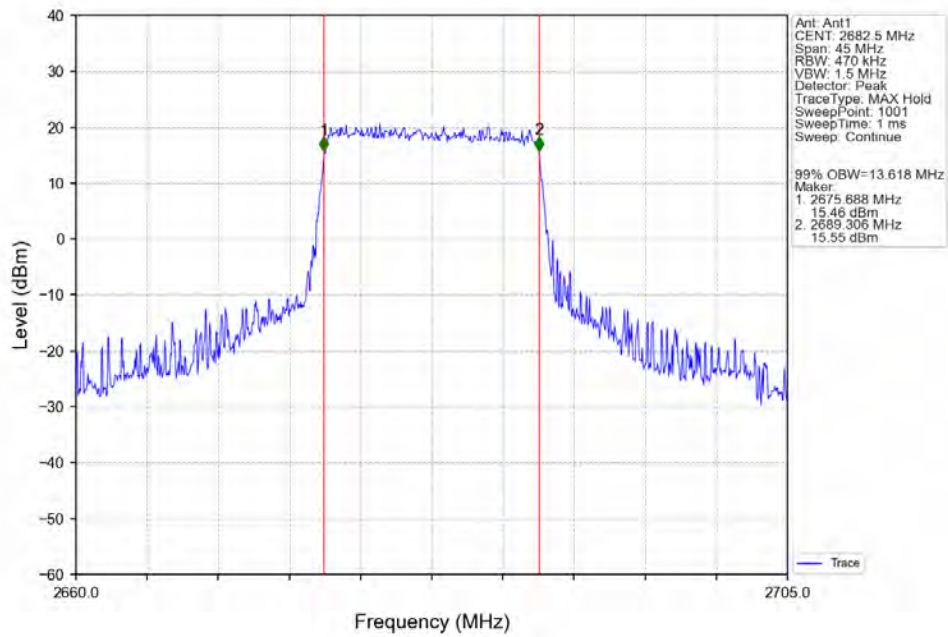
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



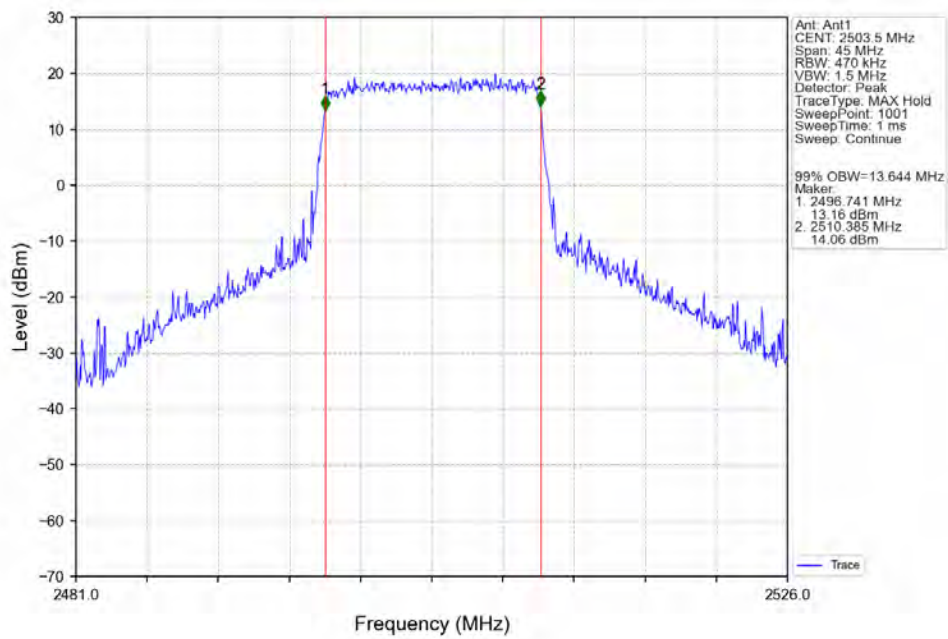
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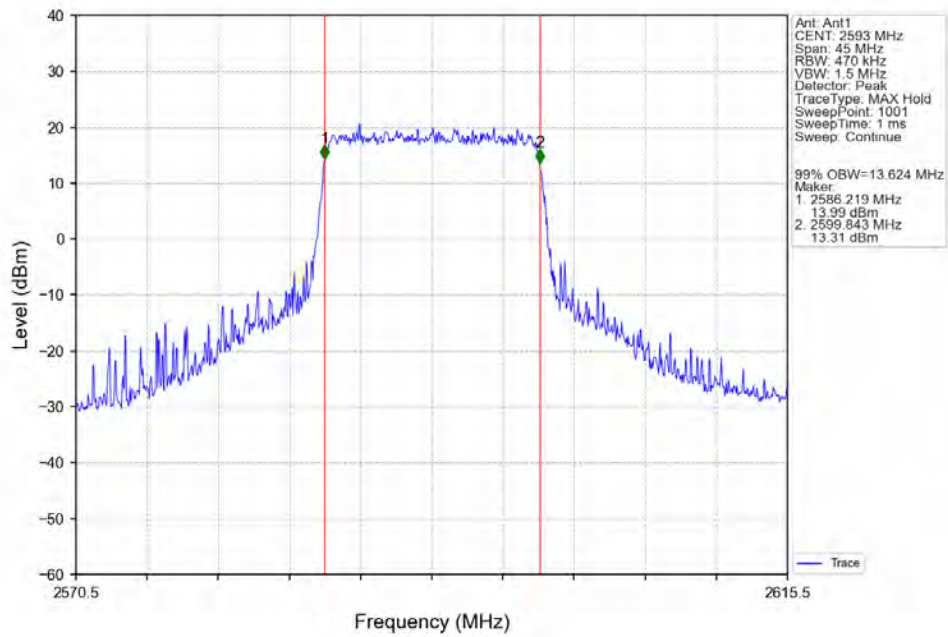
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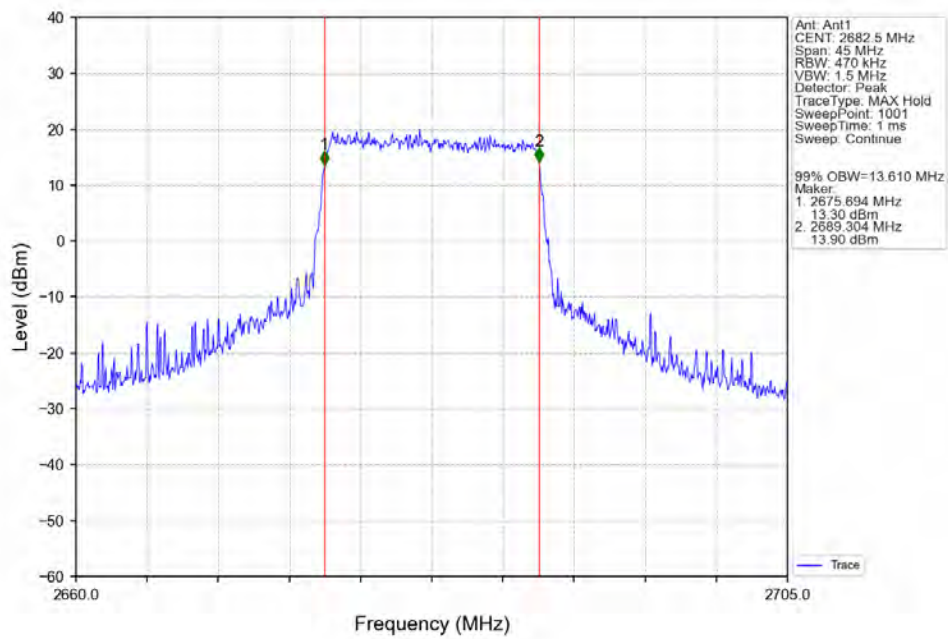
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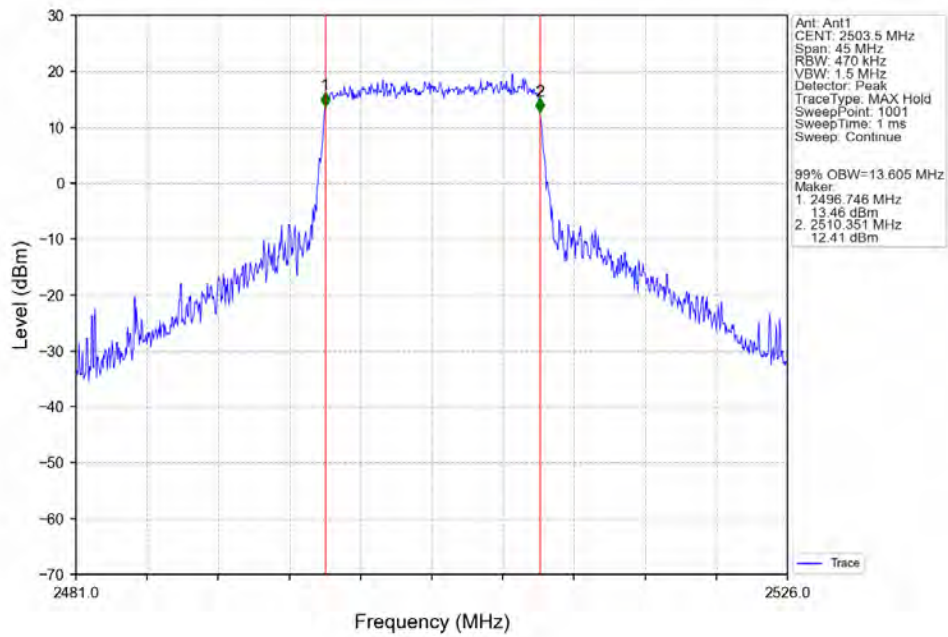
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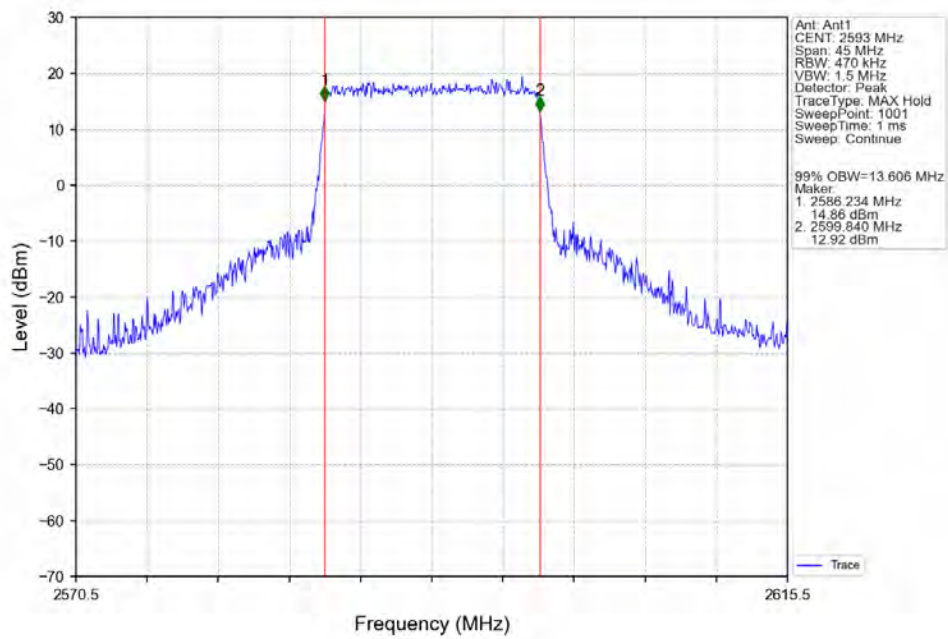
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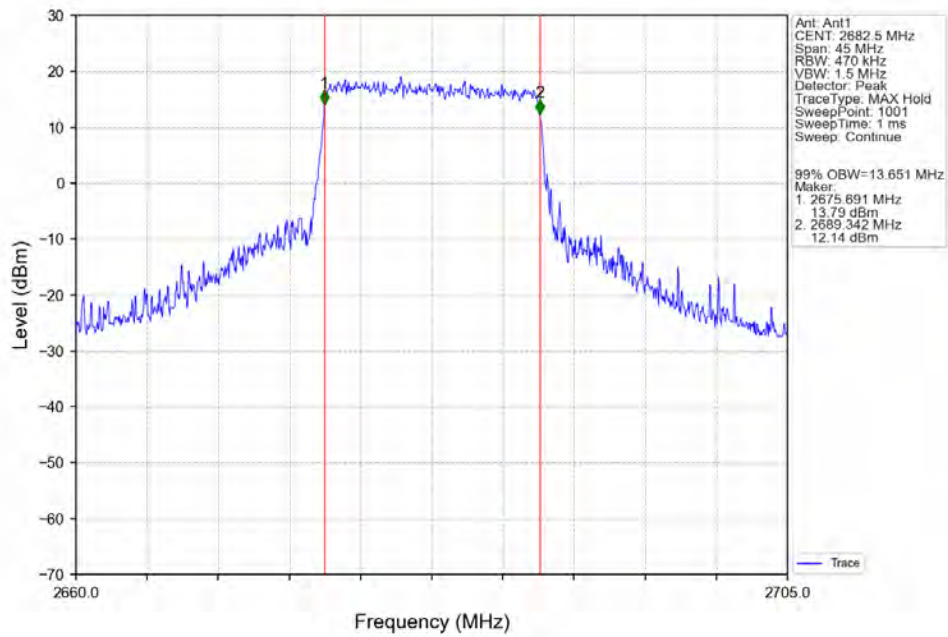
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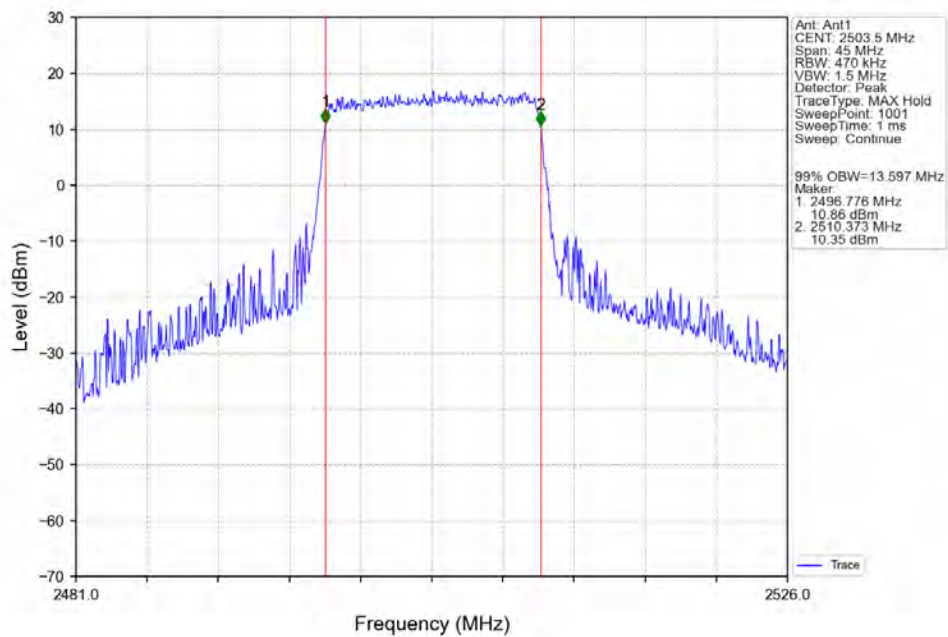
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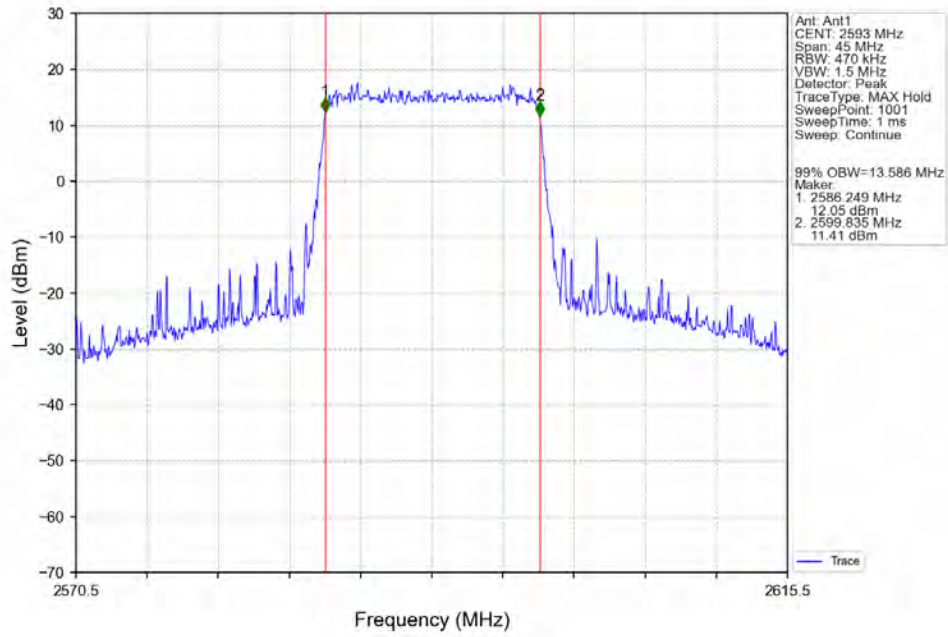
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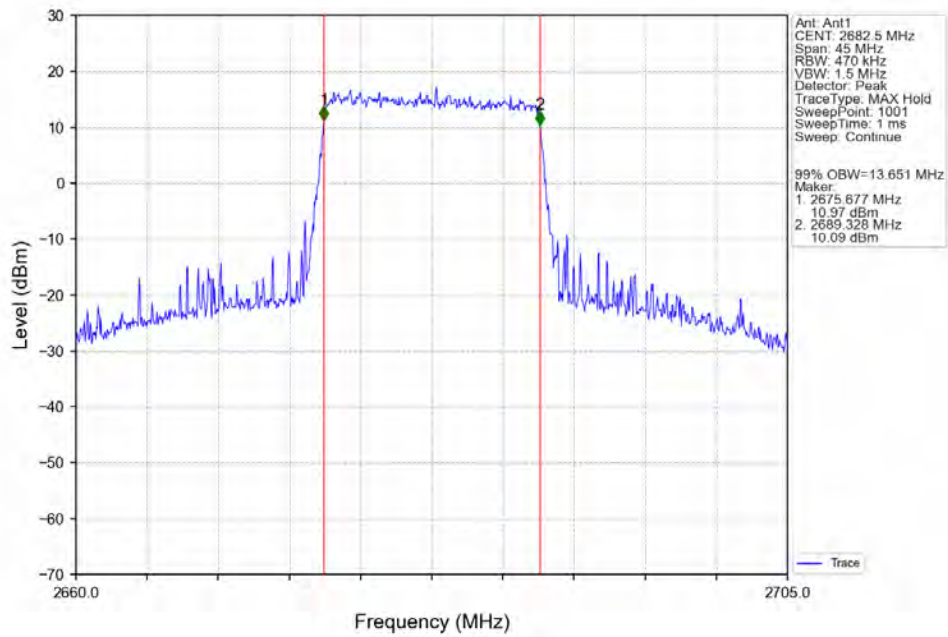
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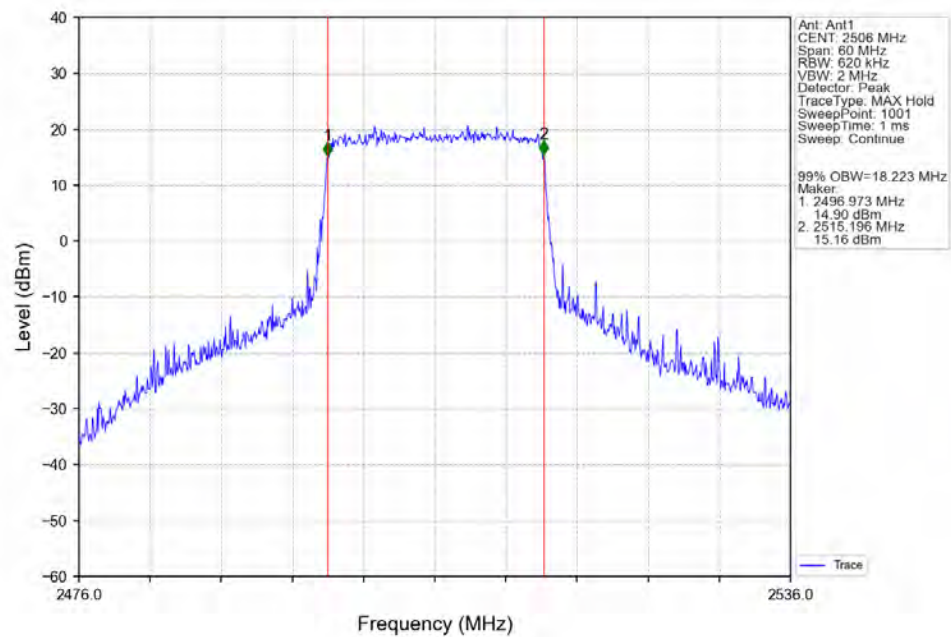
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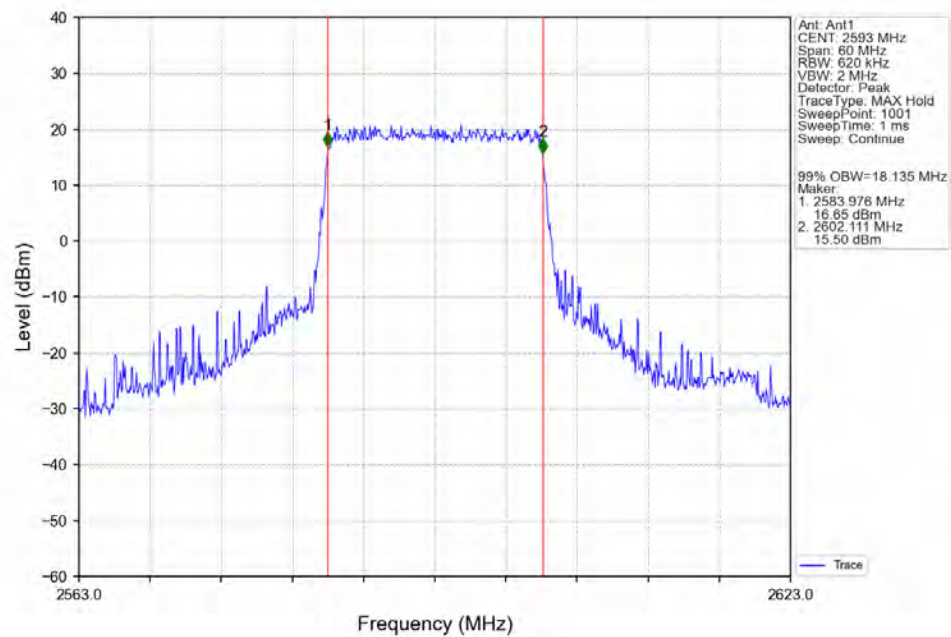
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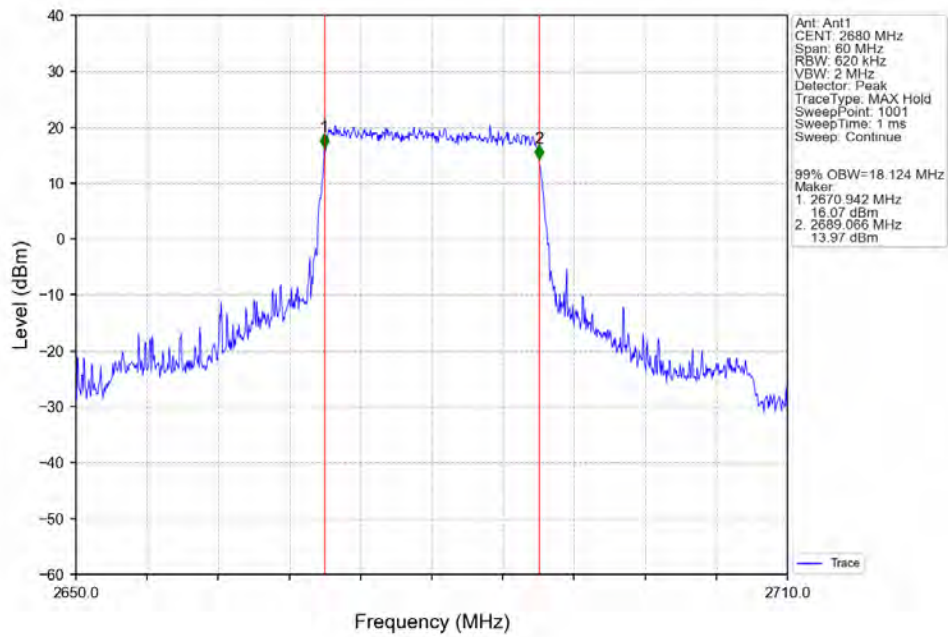
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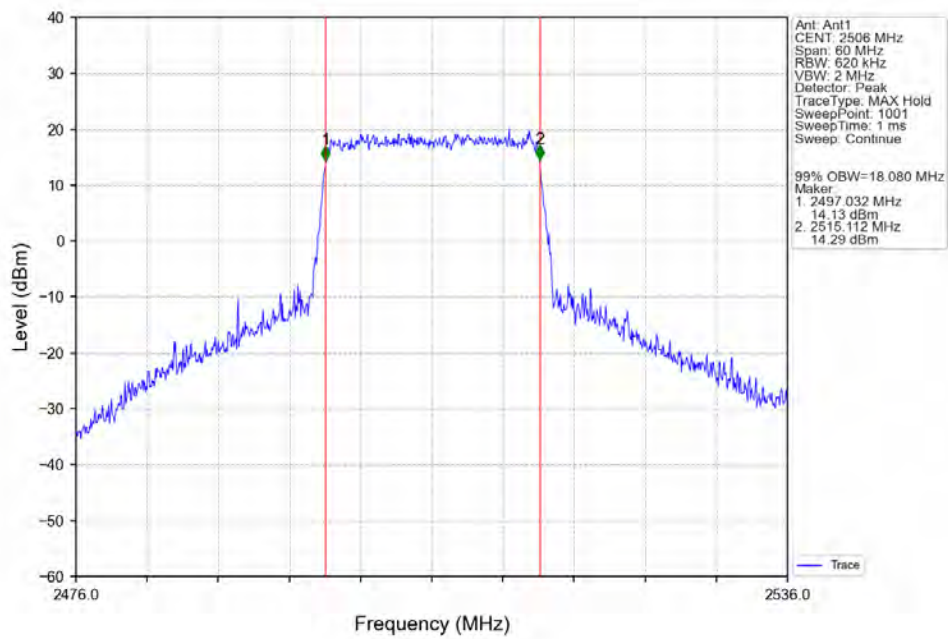
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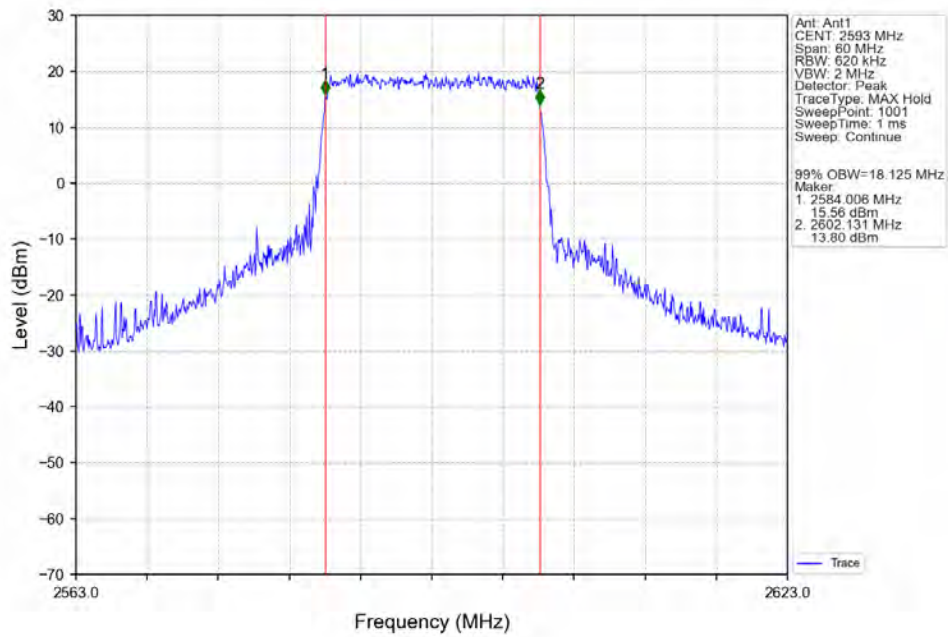
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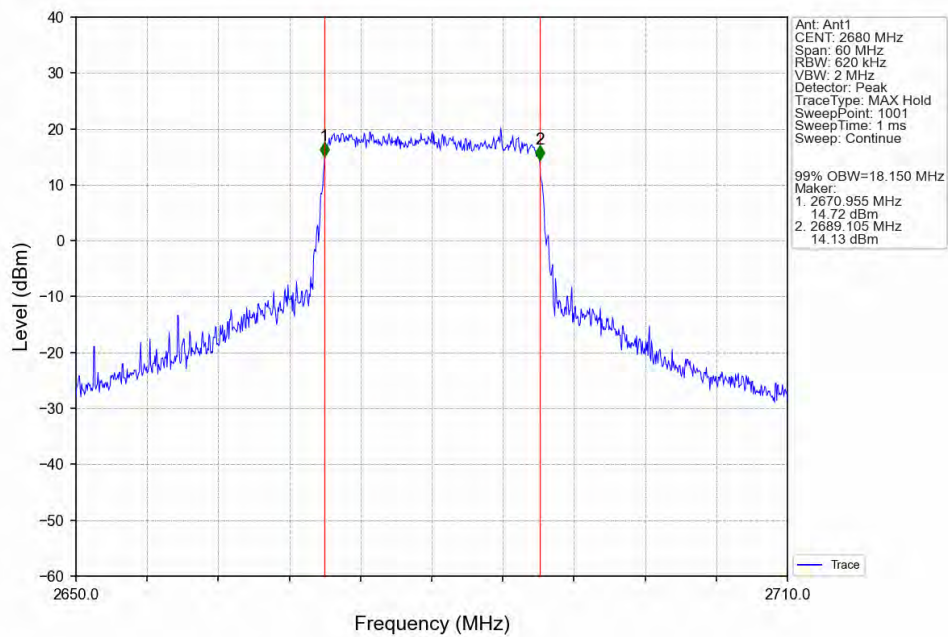
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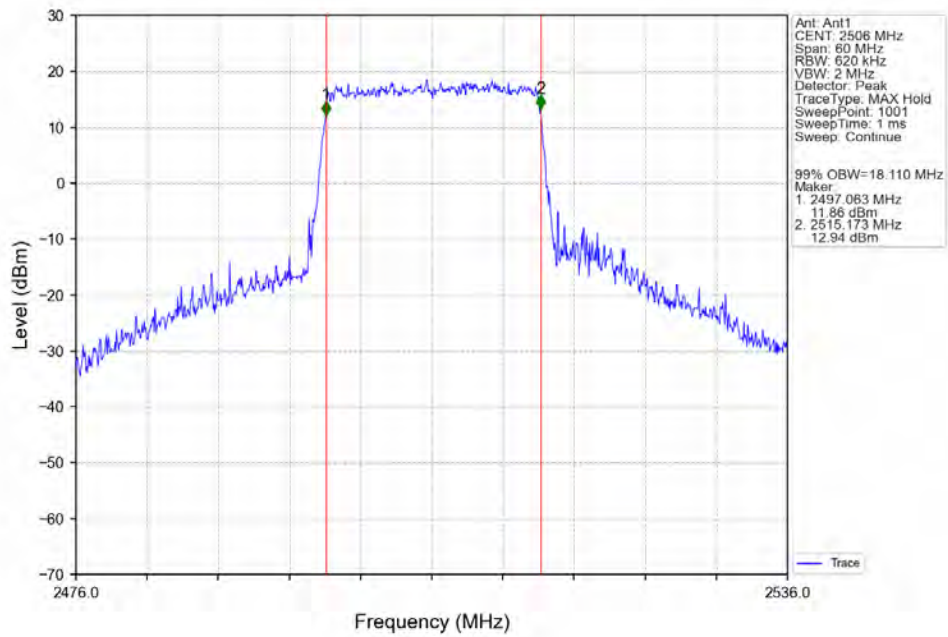
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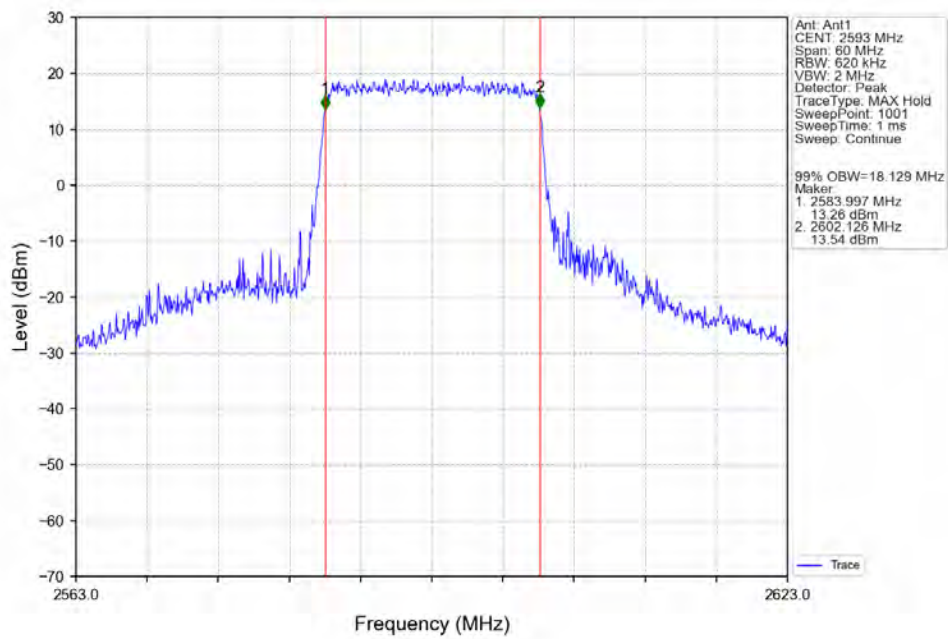
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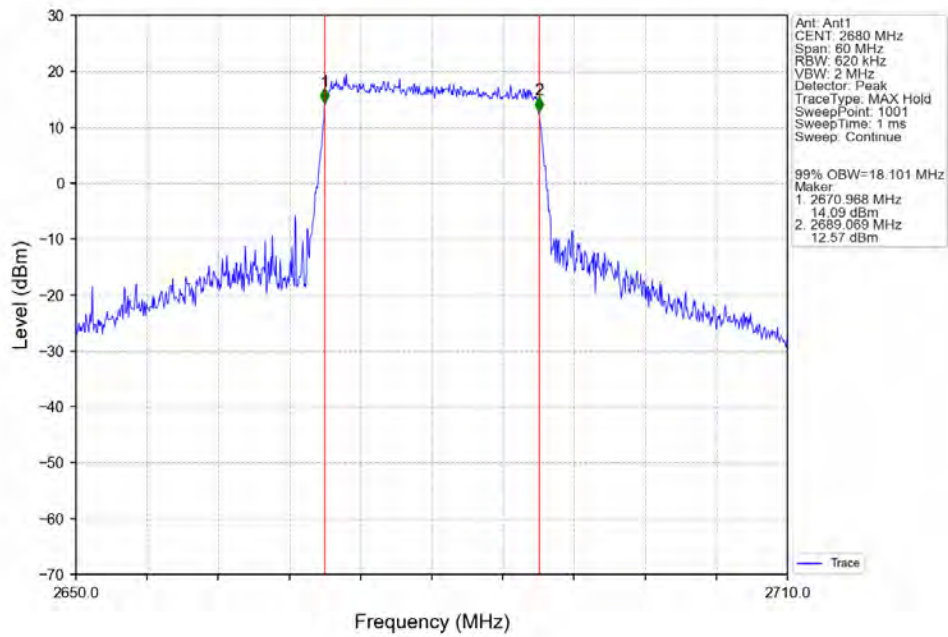
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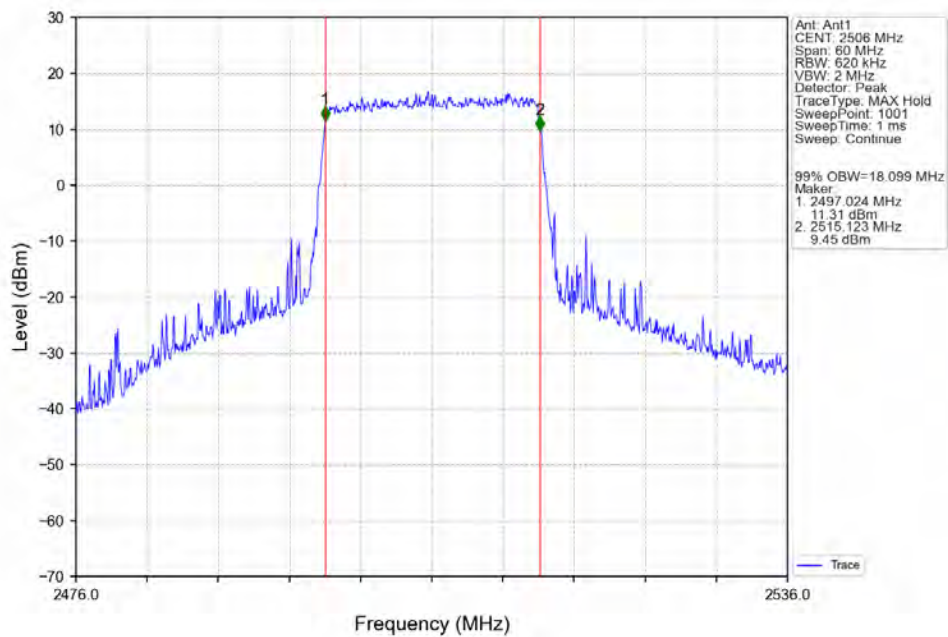
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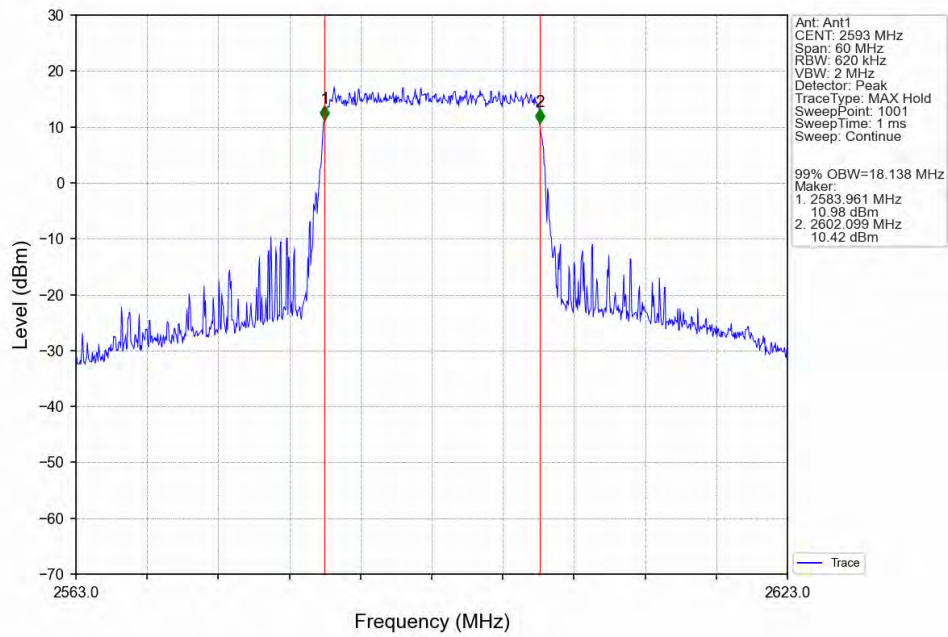
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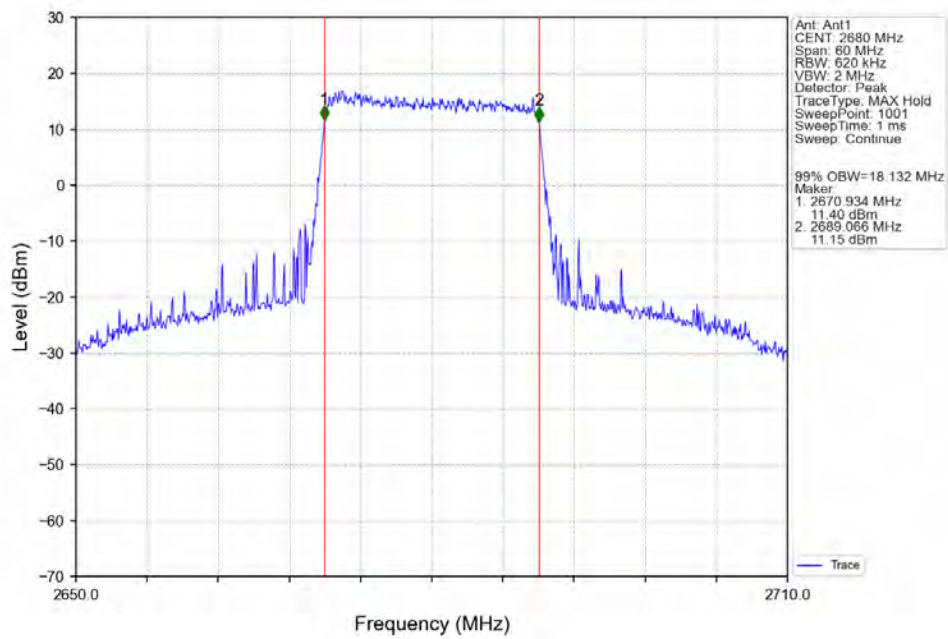
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



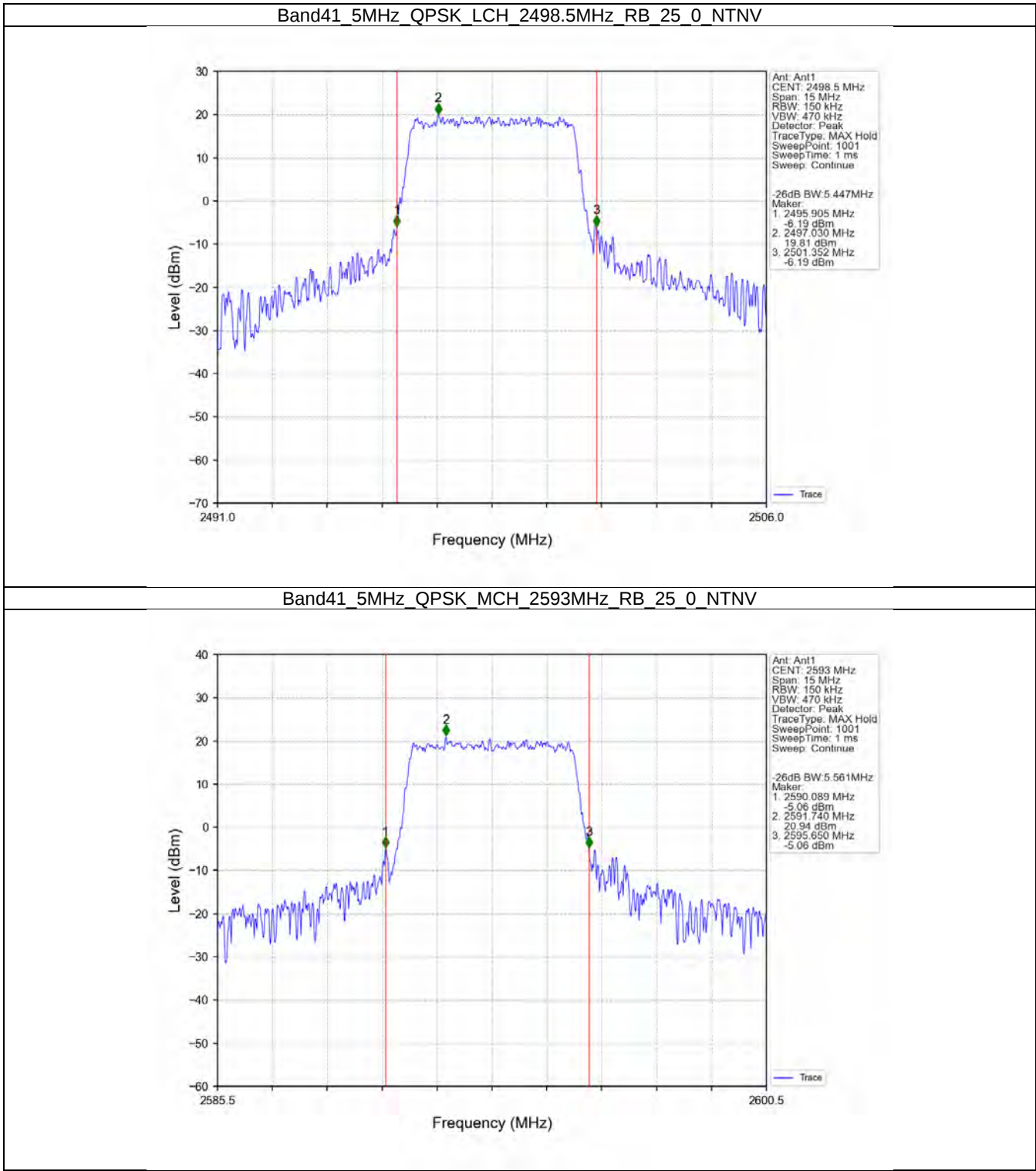
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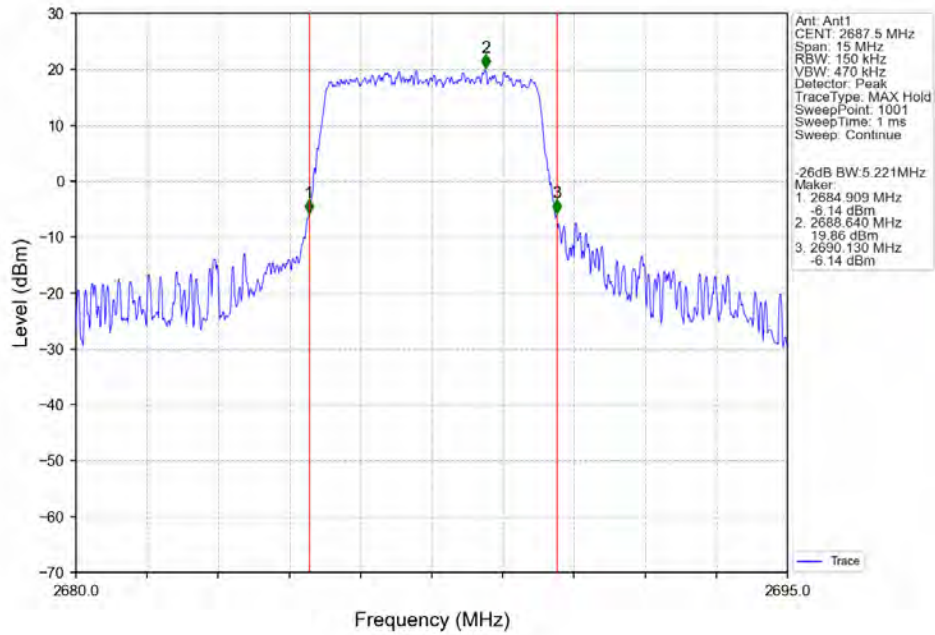
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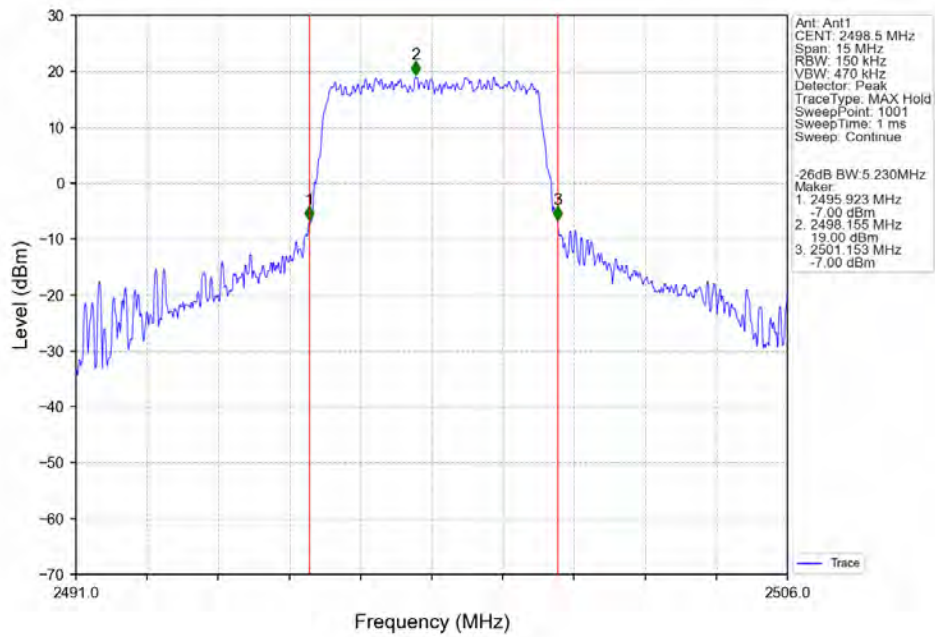
3.2.2 Band41_XDB



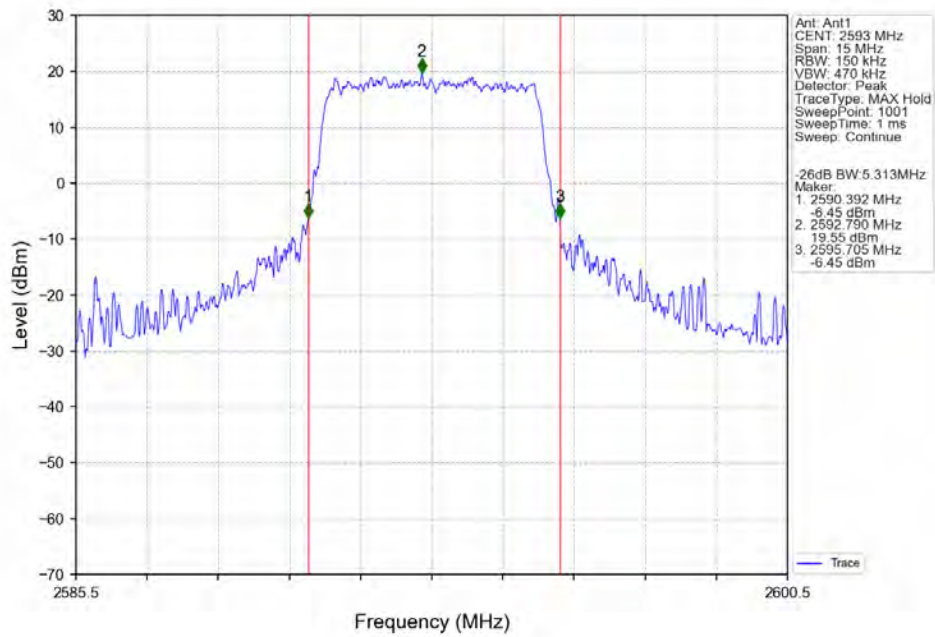
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



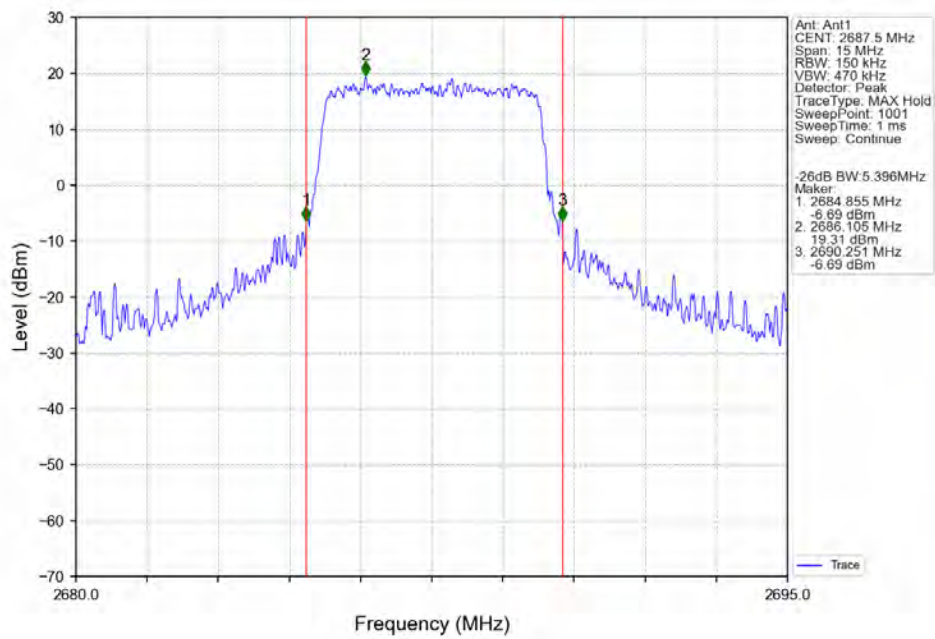
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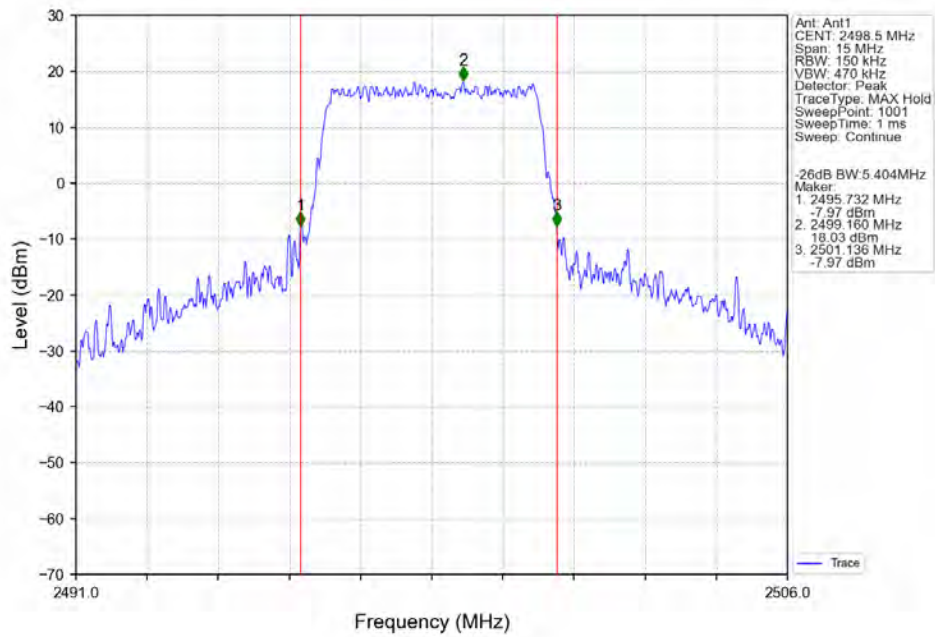
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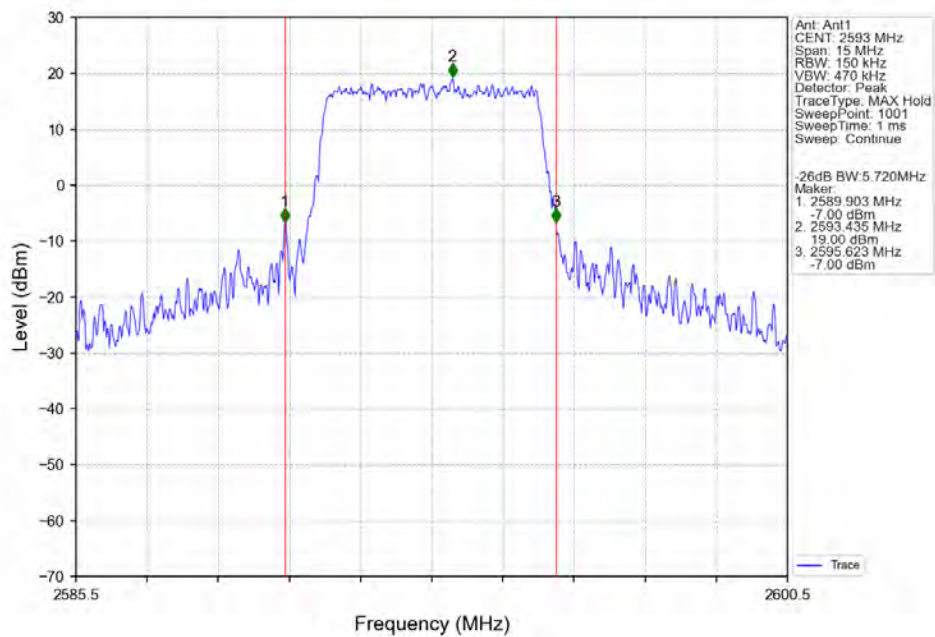
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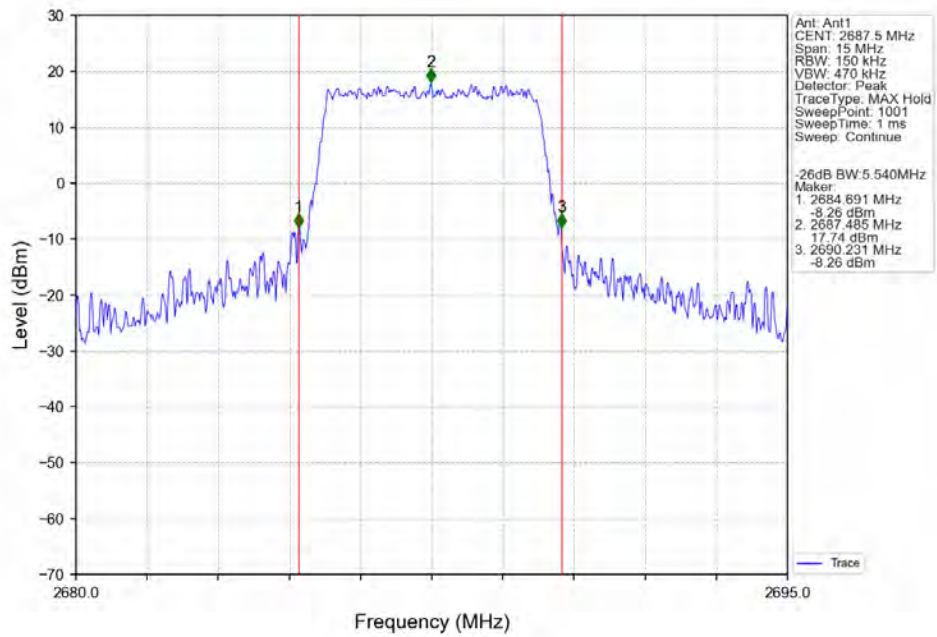
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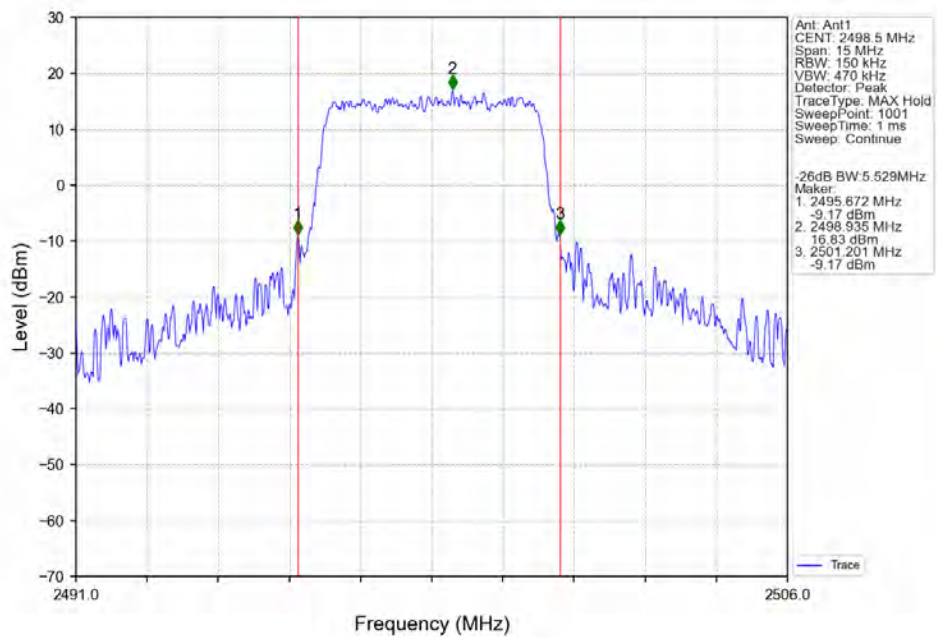
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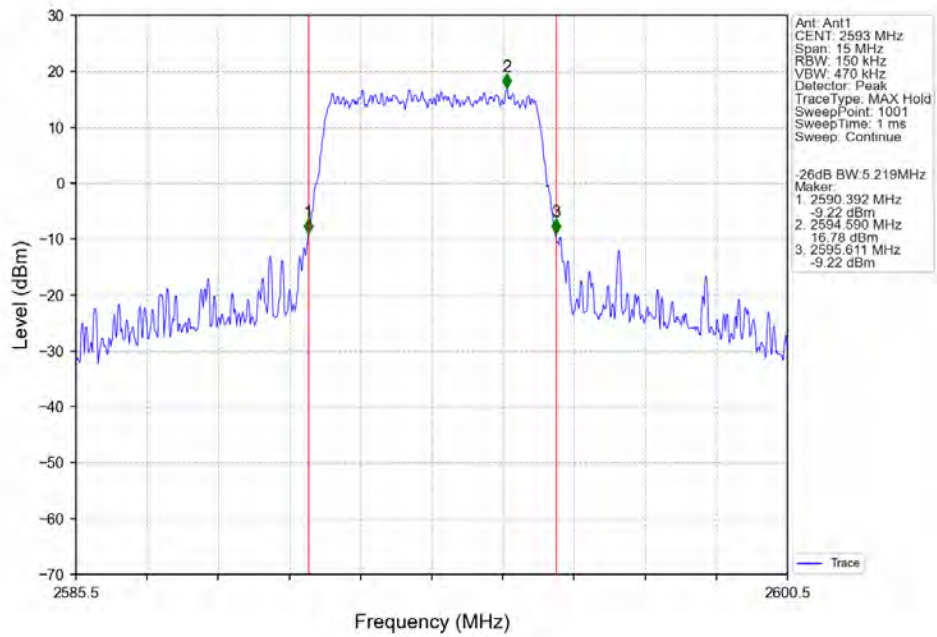
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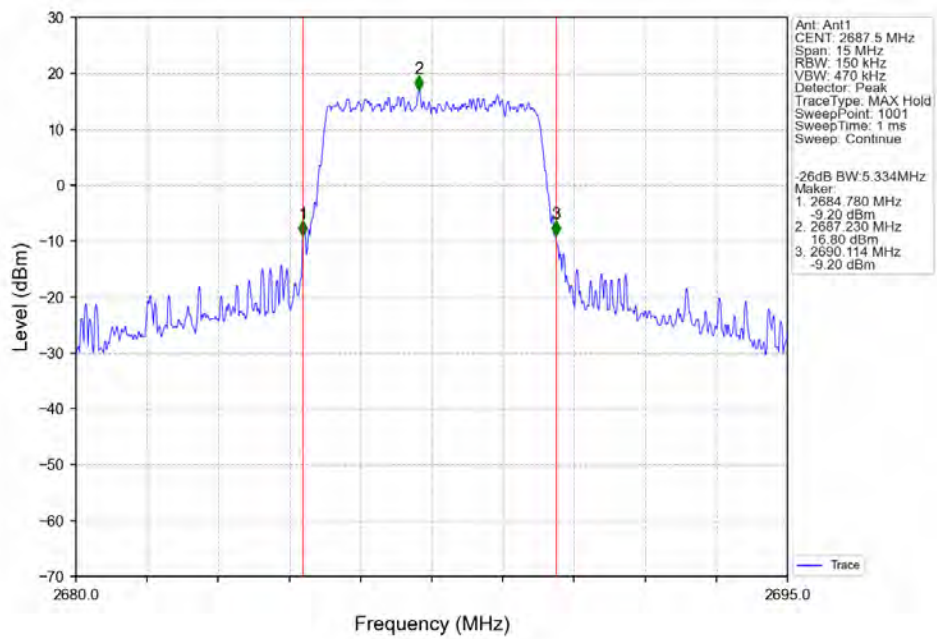
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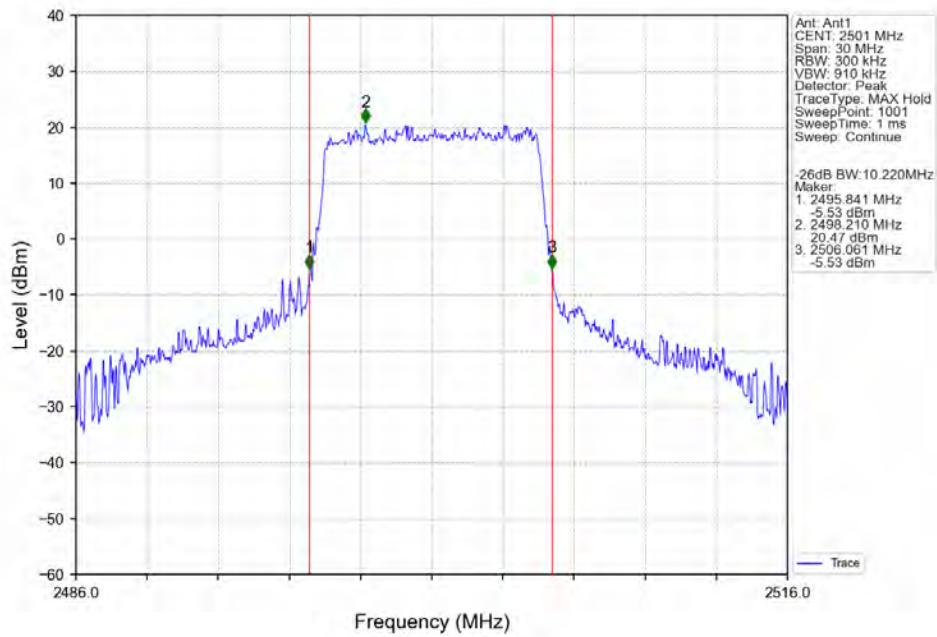
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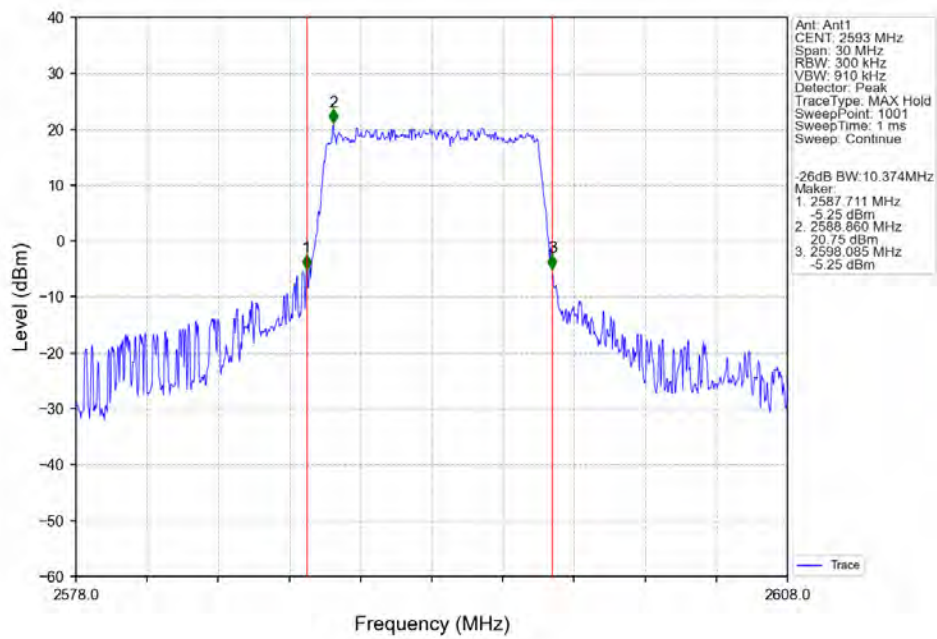
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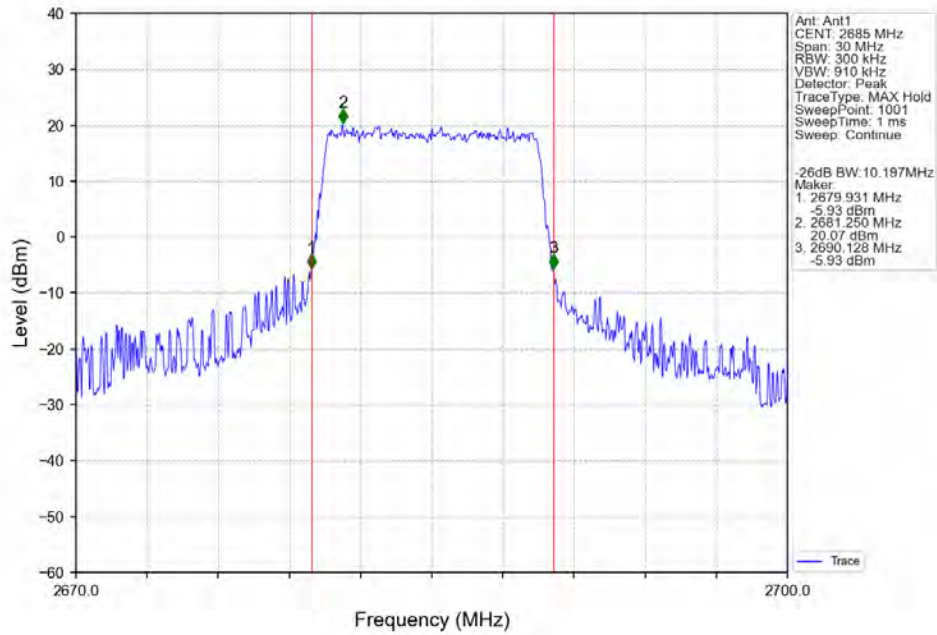
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



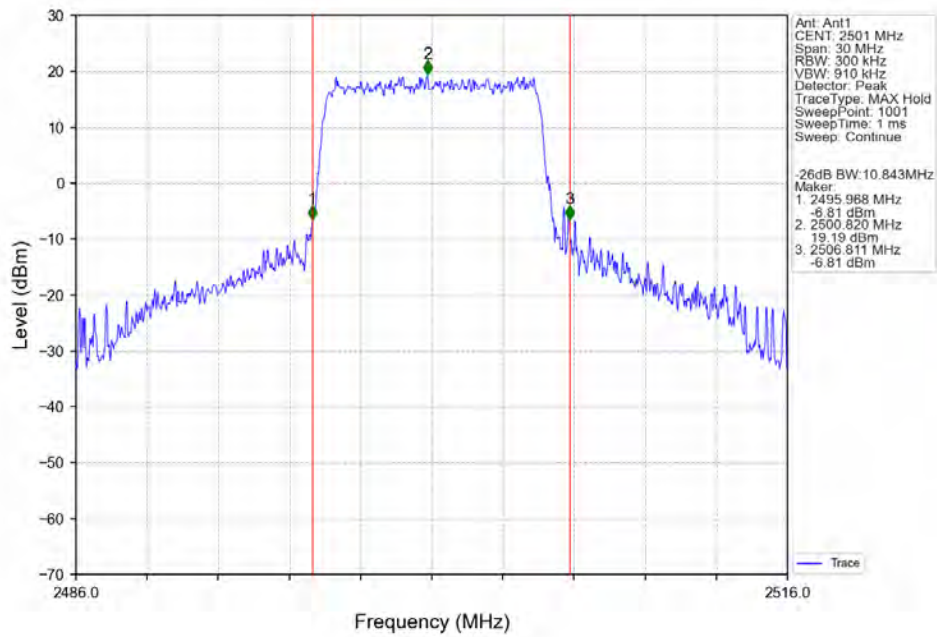
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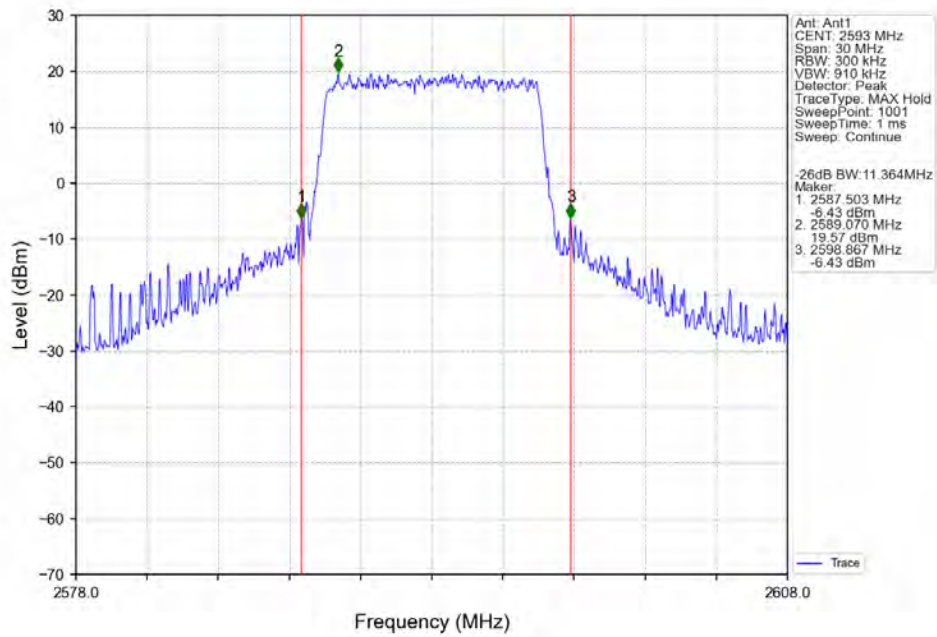
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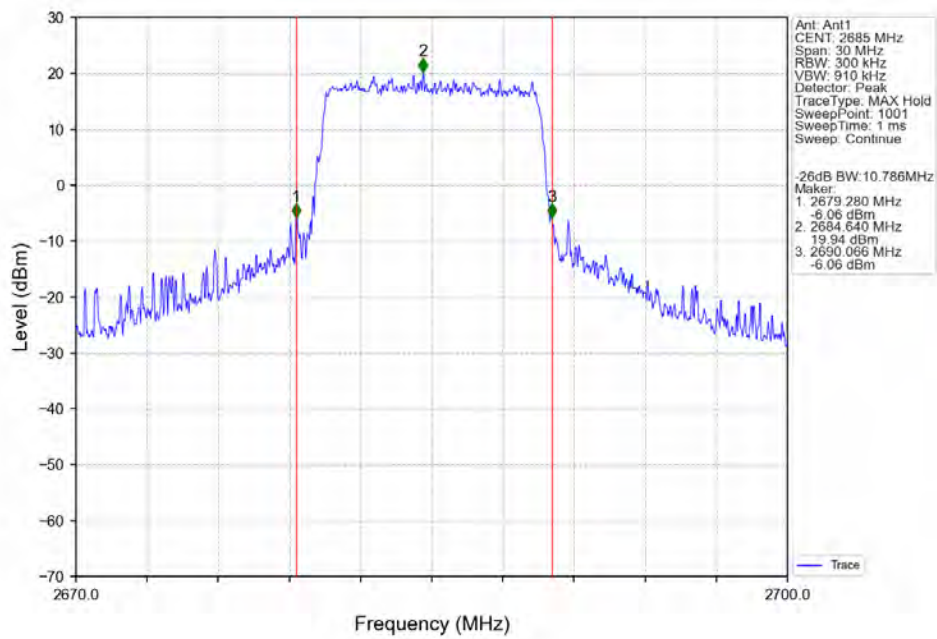
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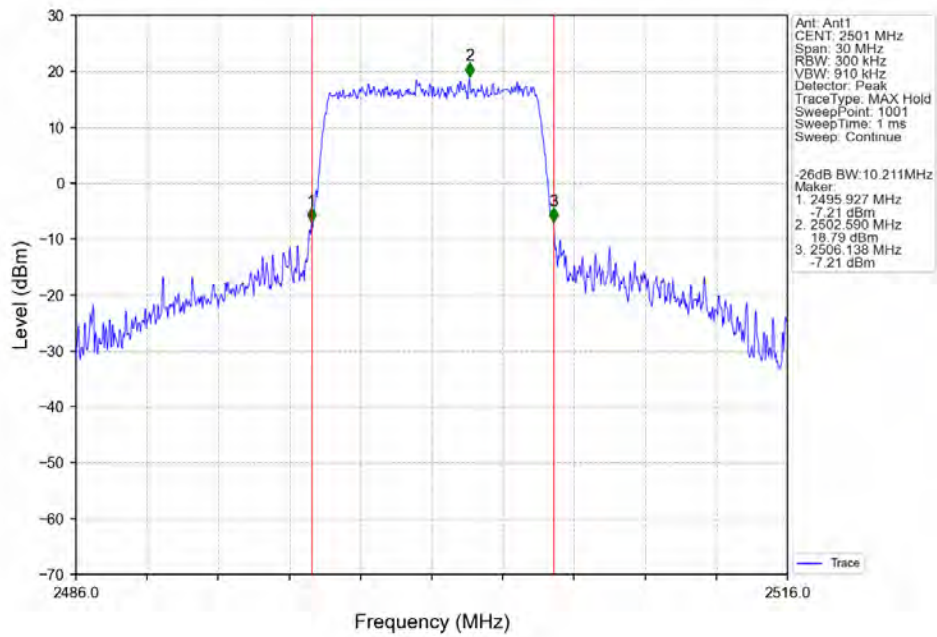
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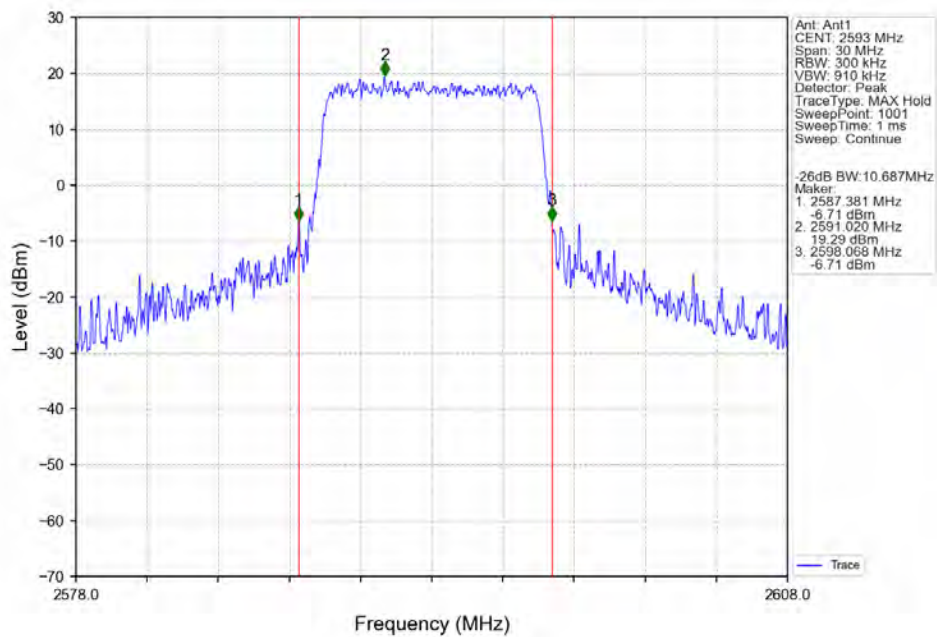
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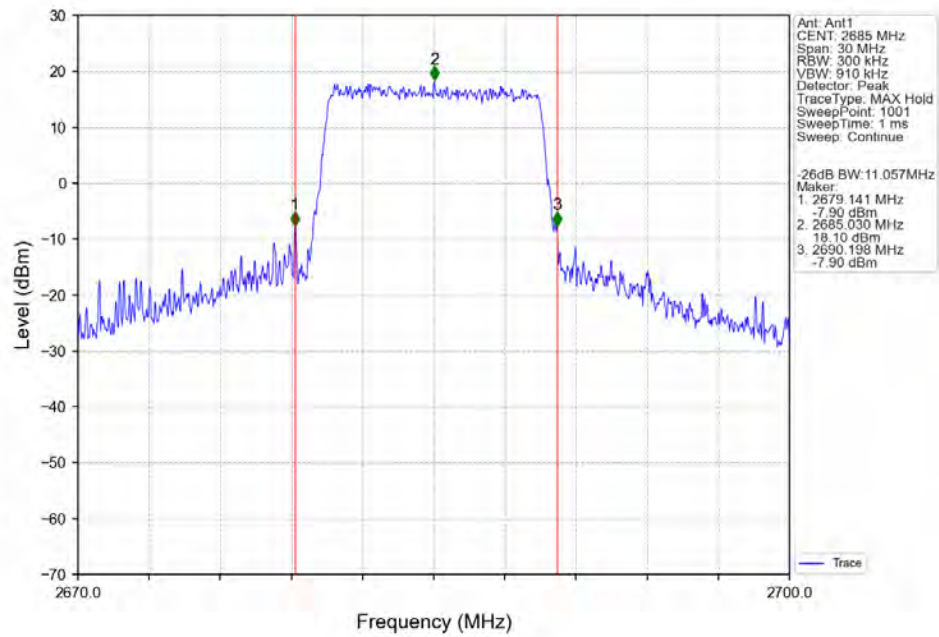
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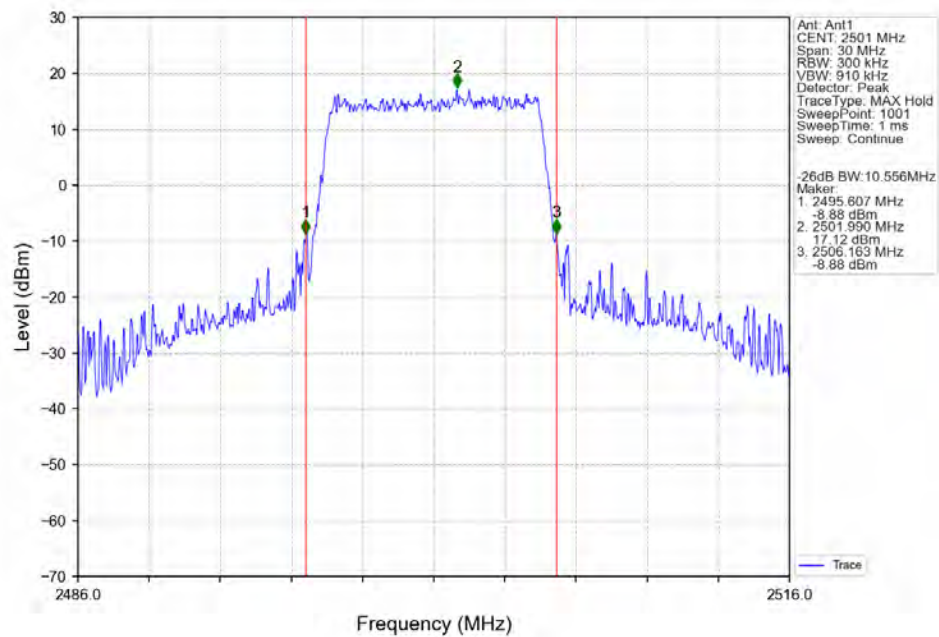
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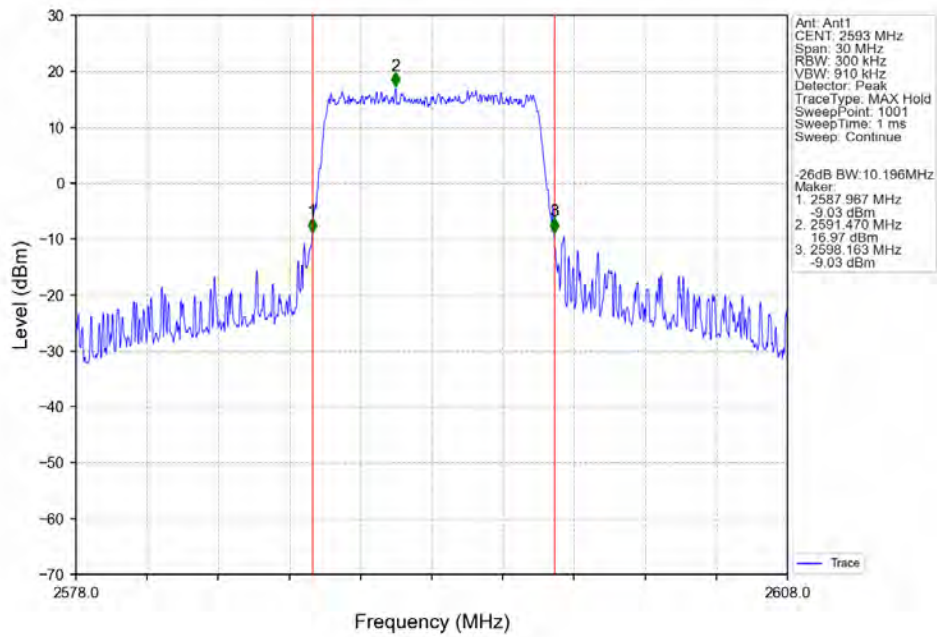
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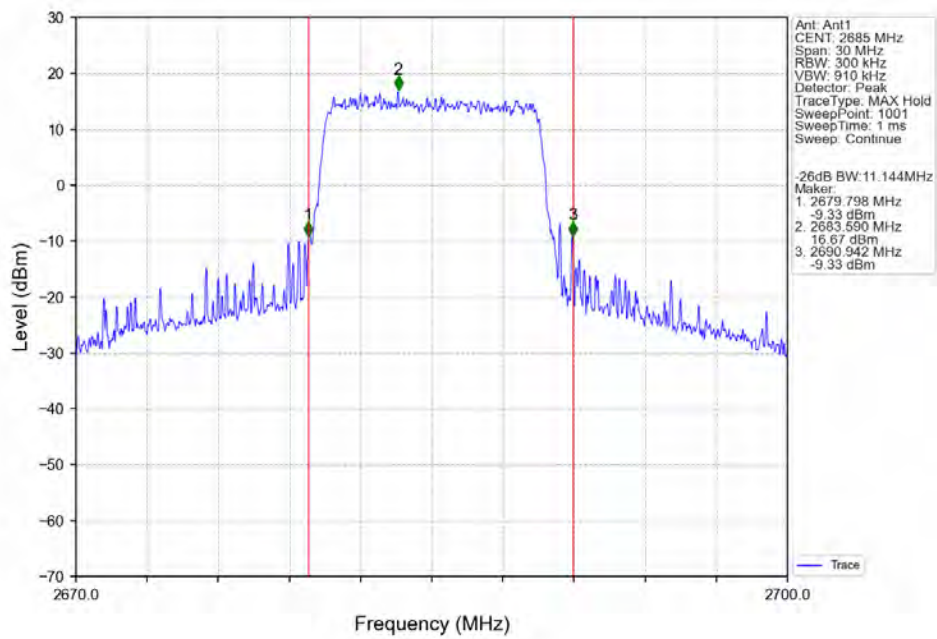
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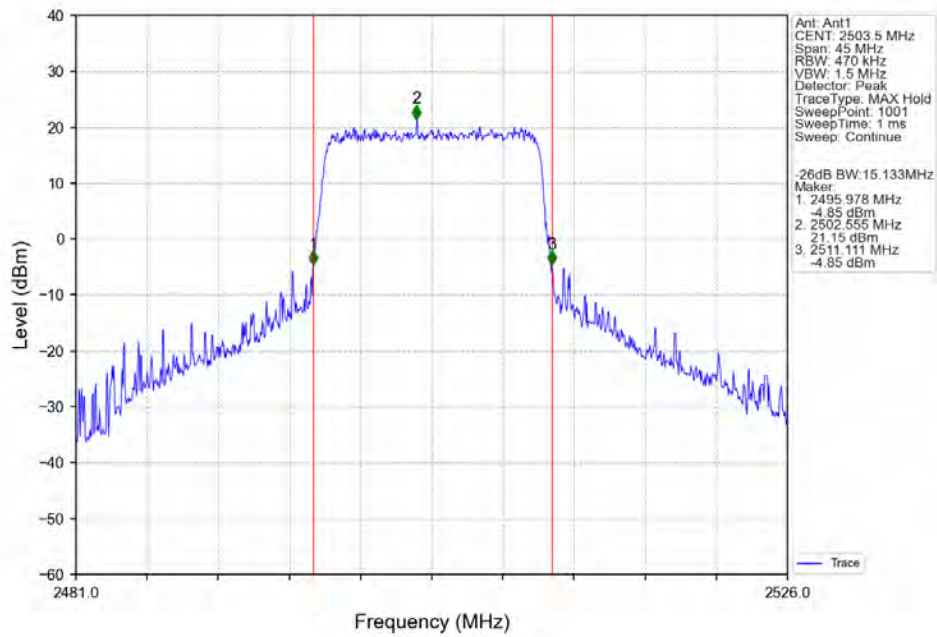
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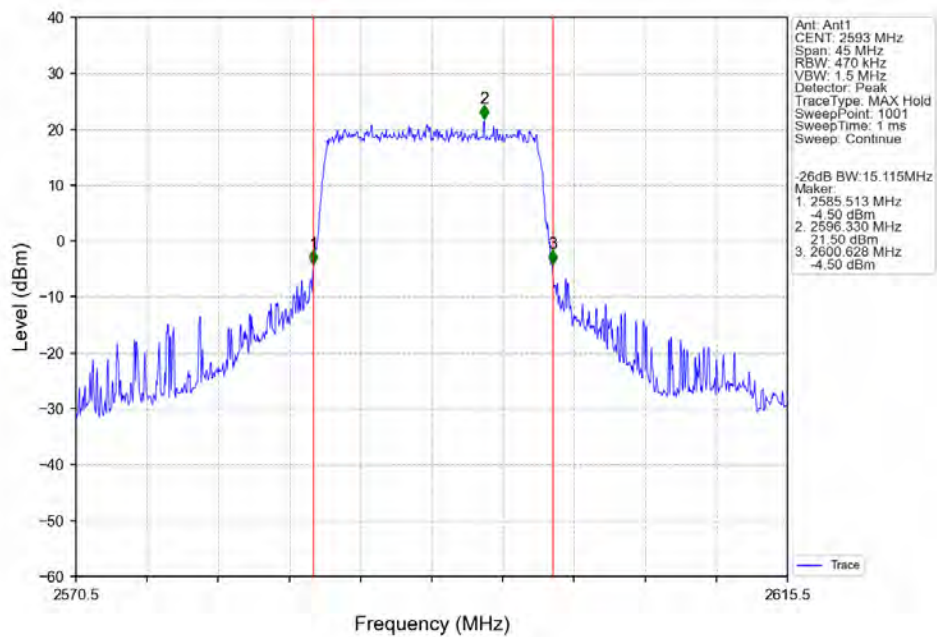
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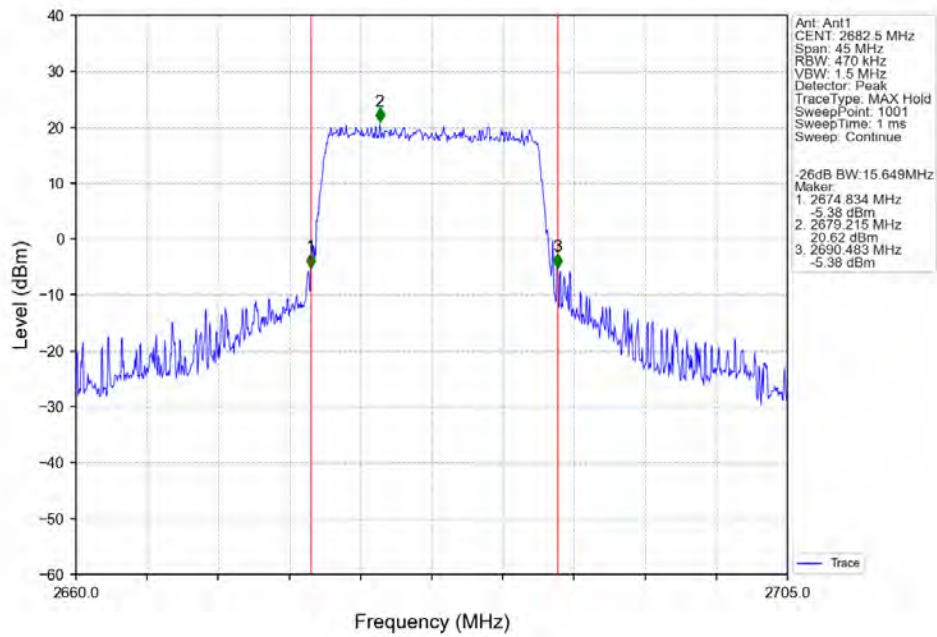
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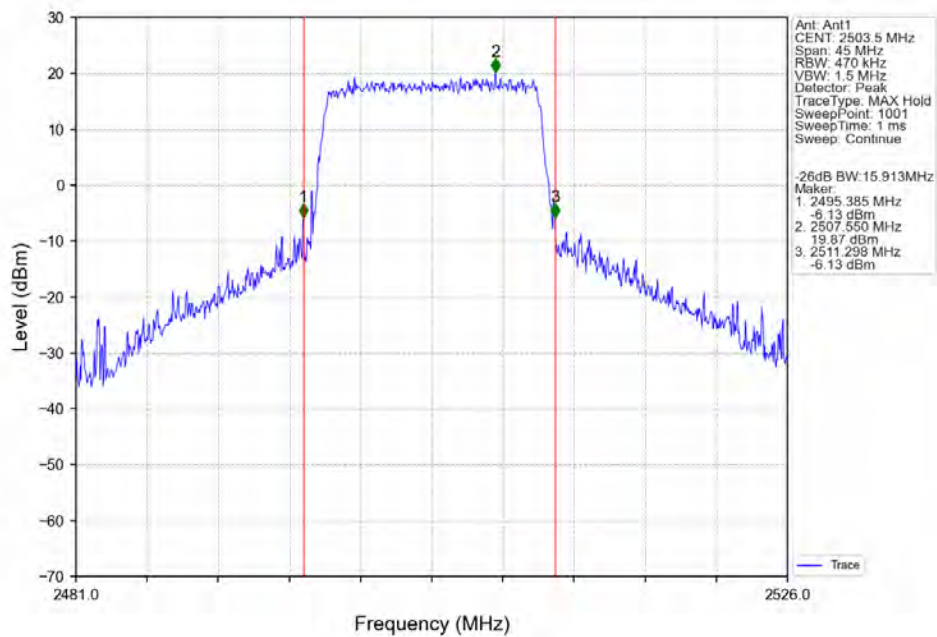
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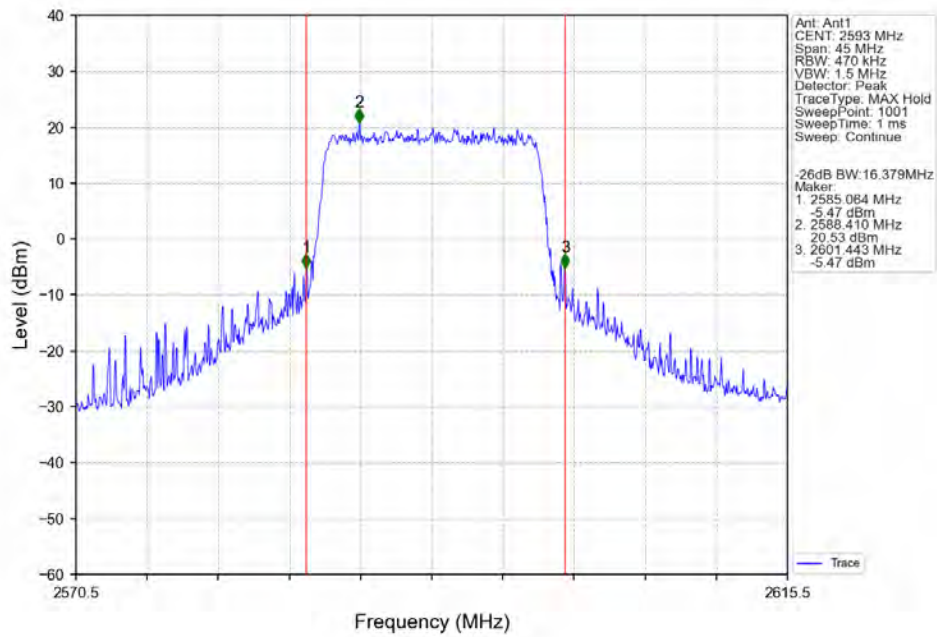
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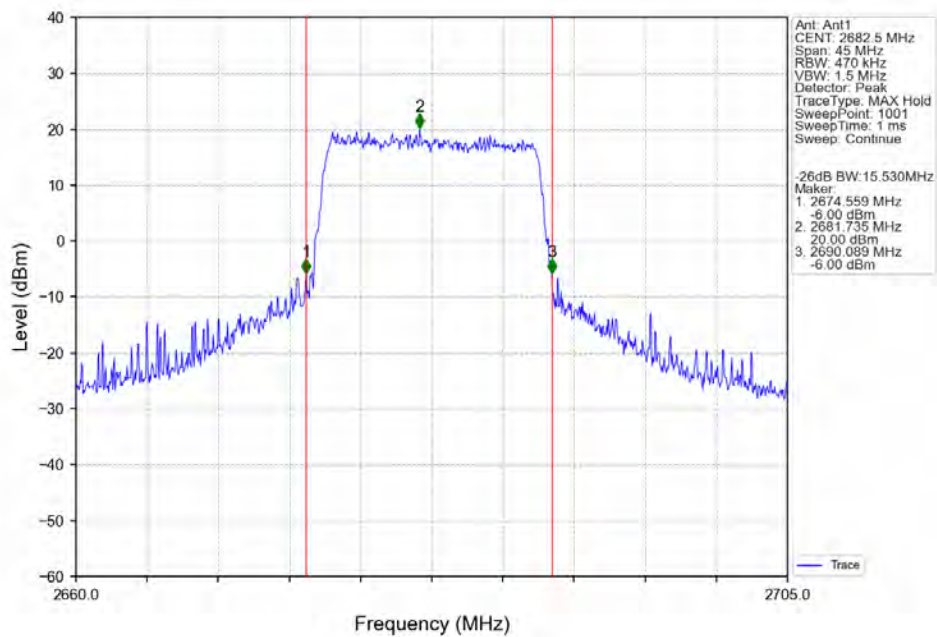
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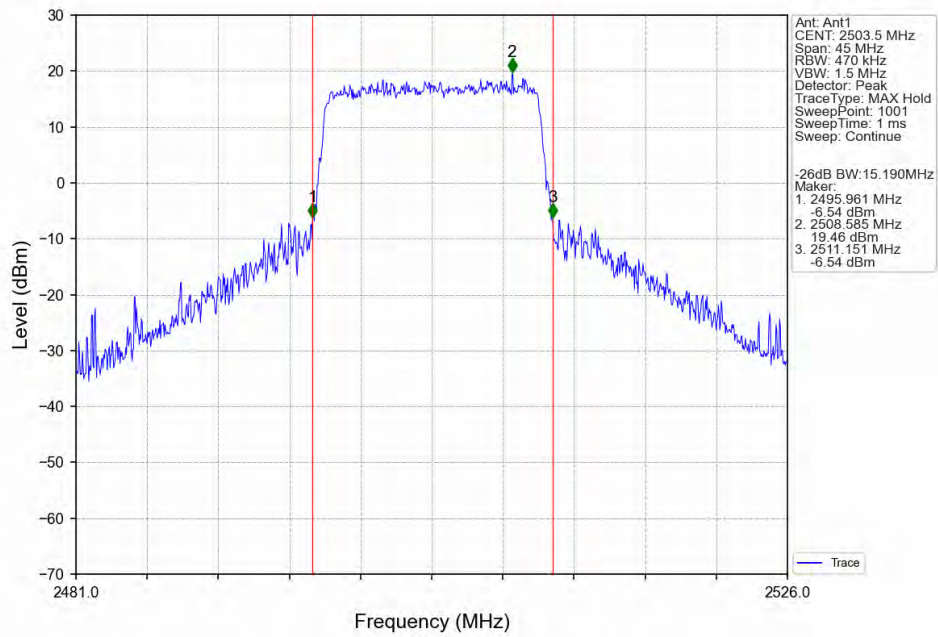
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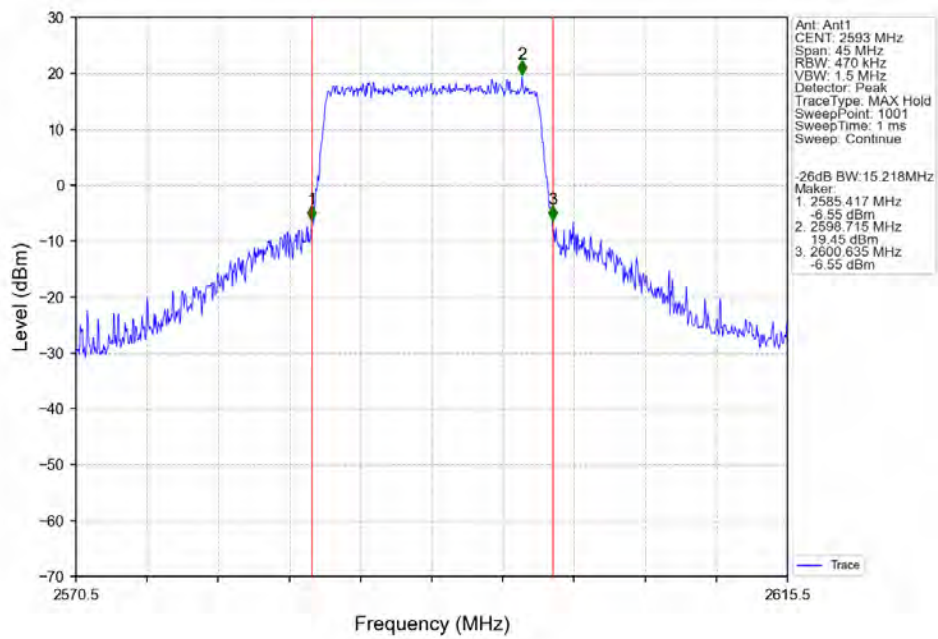
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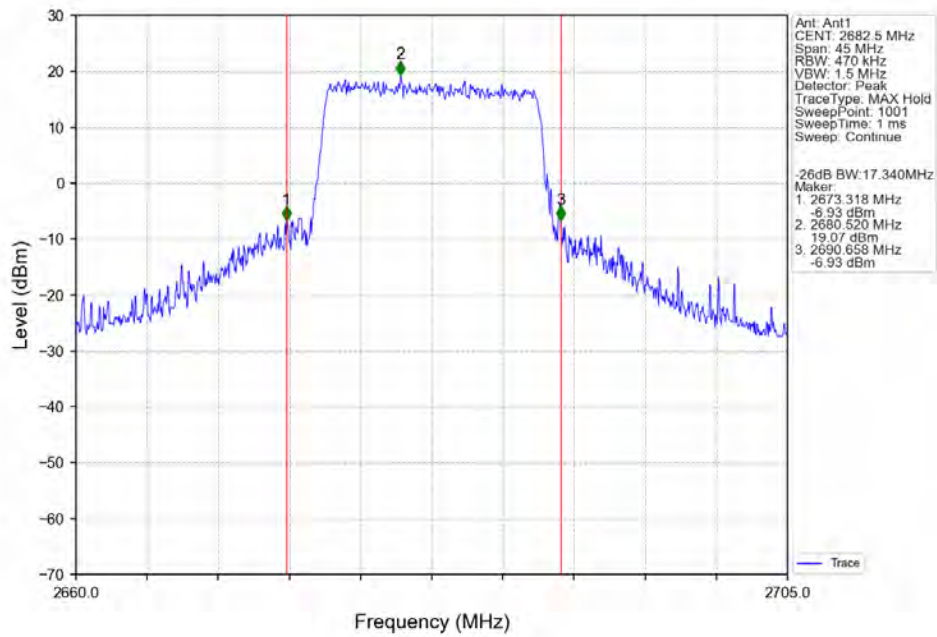
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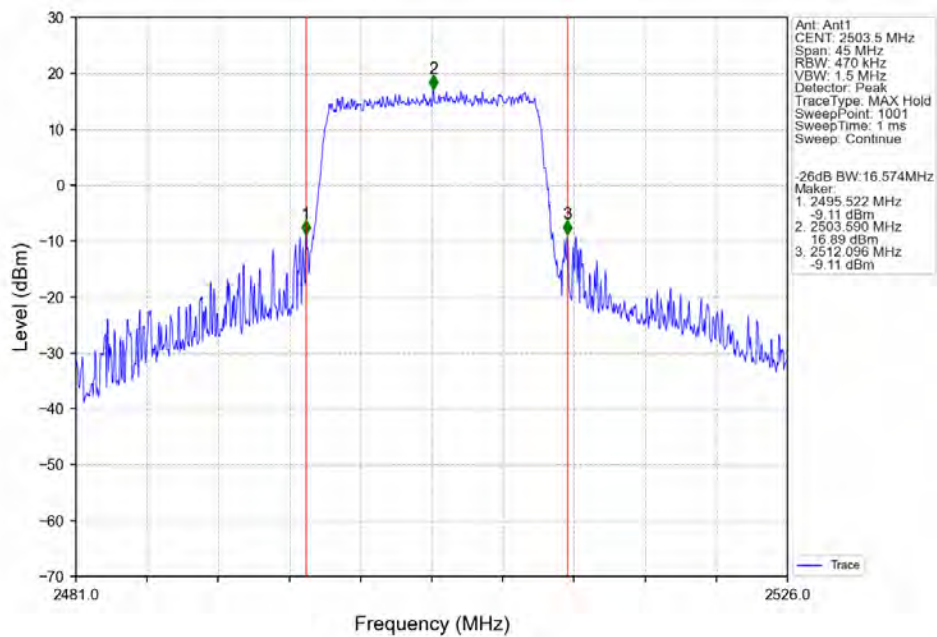
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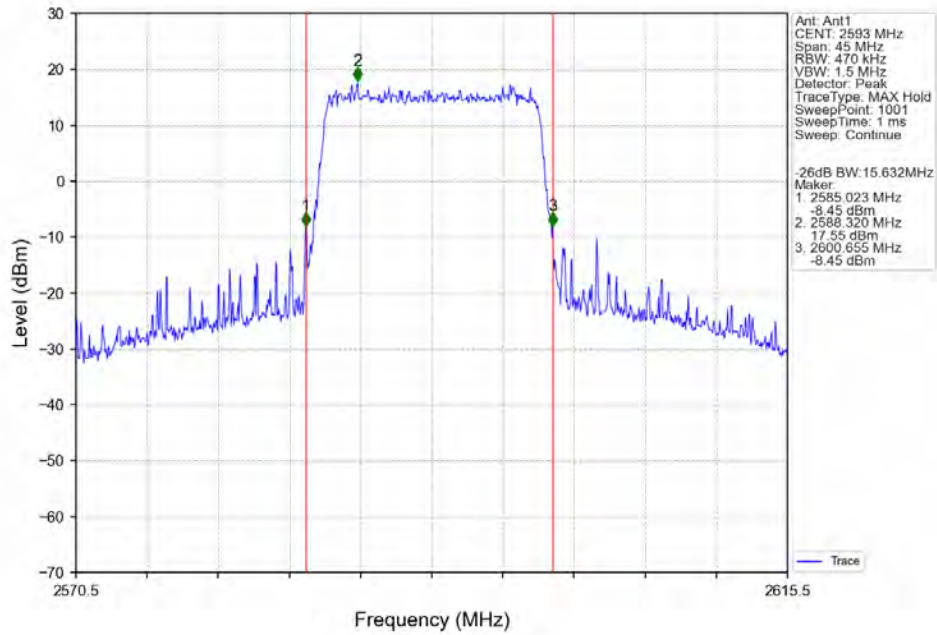
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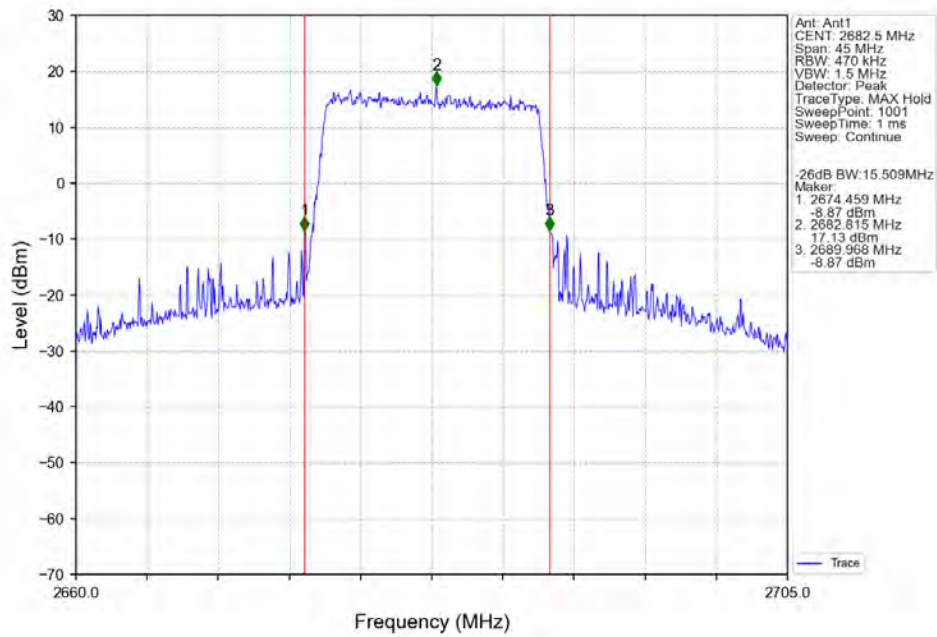
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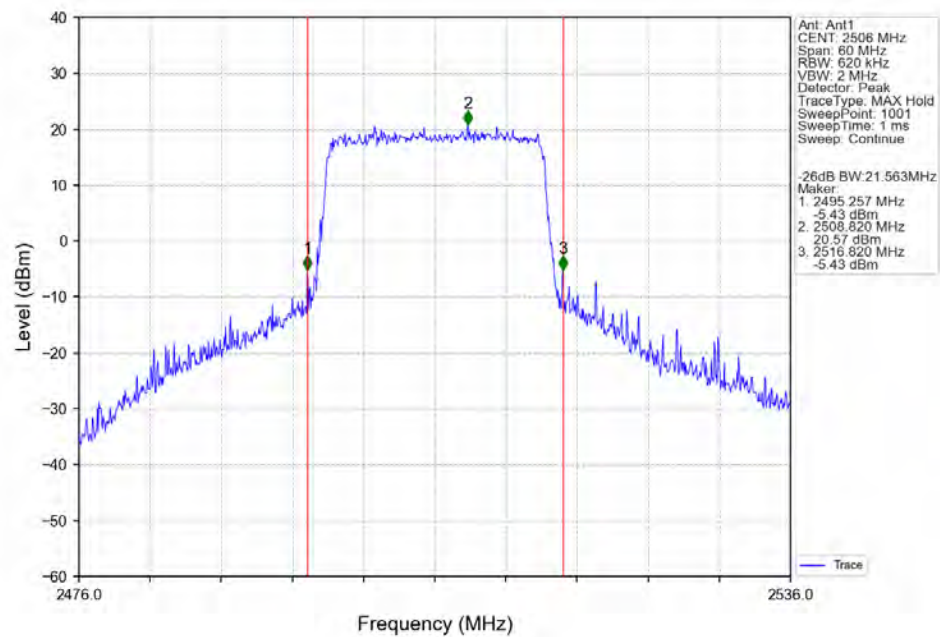
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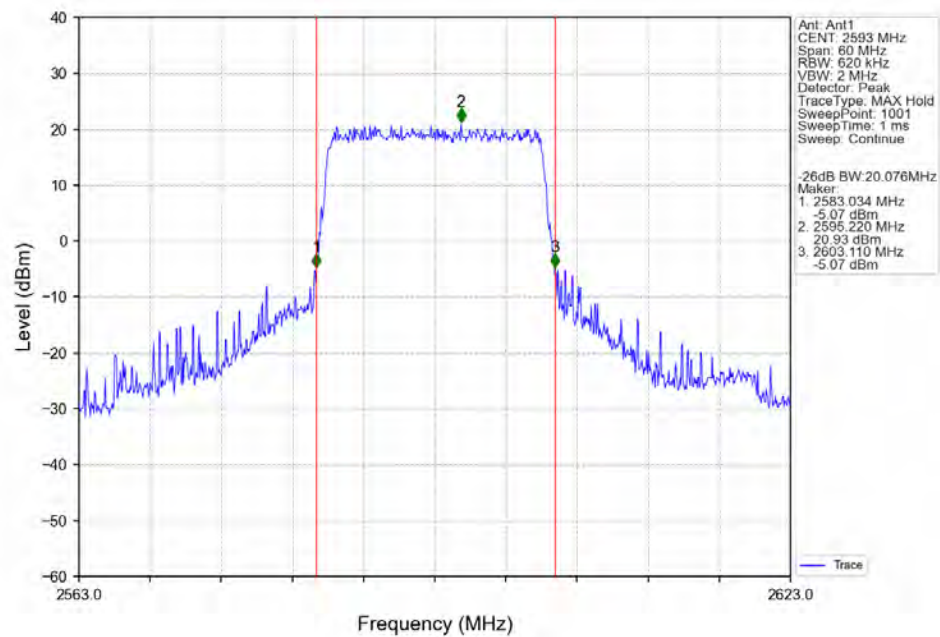
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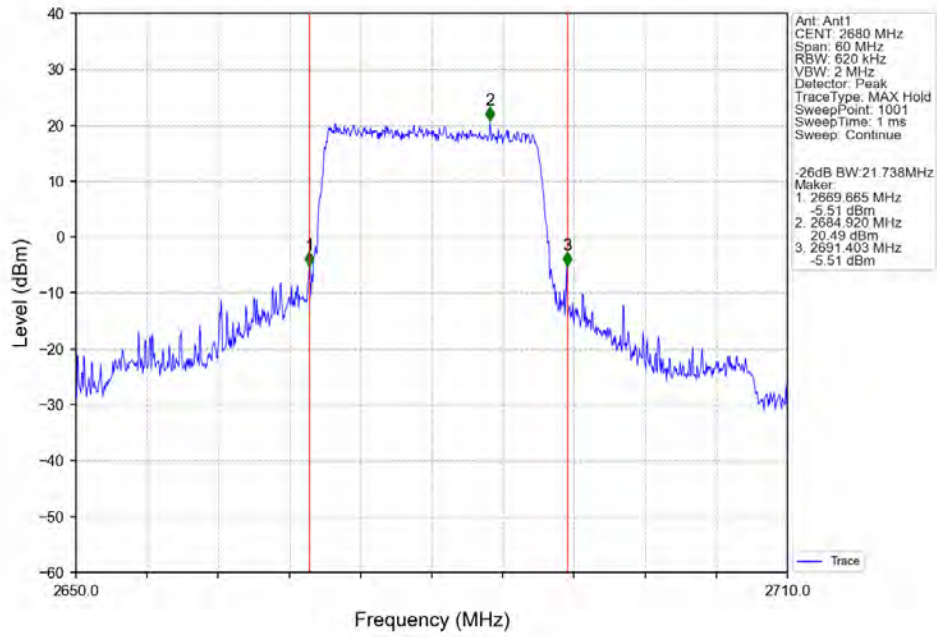
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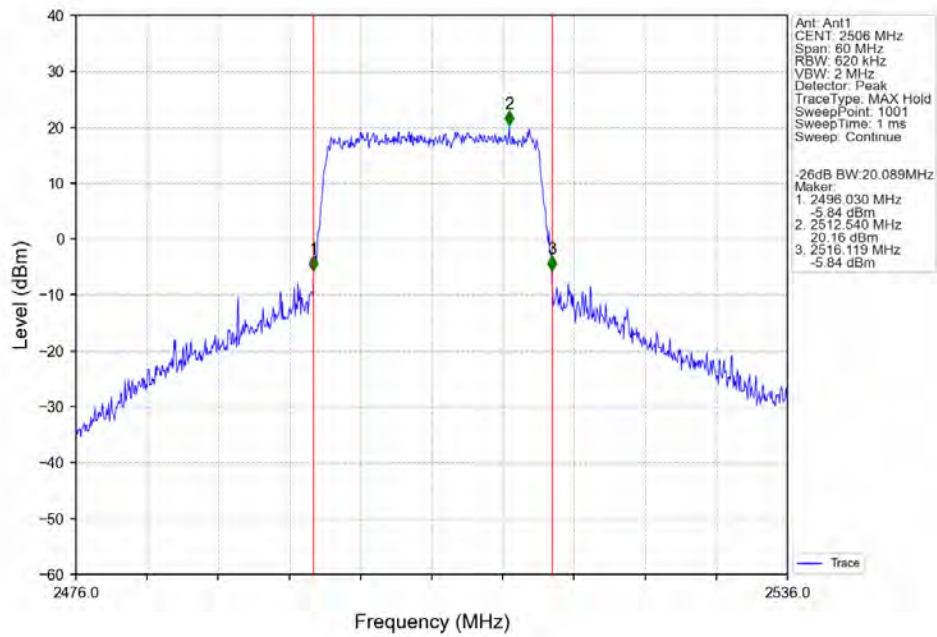
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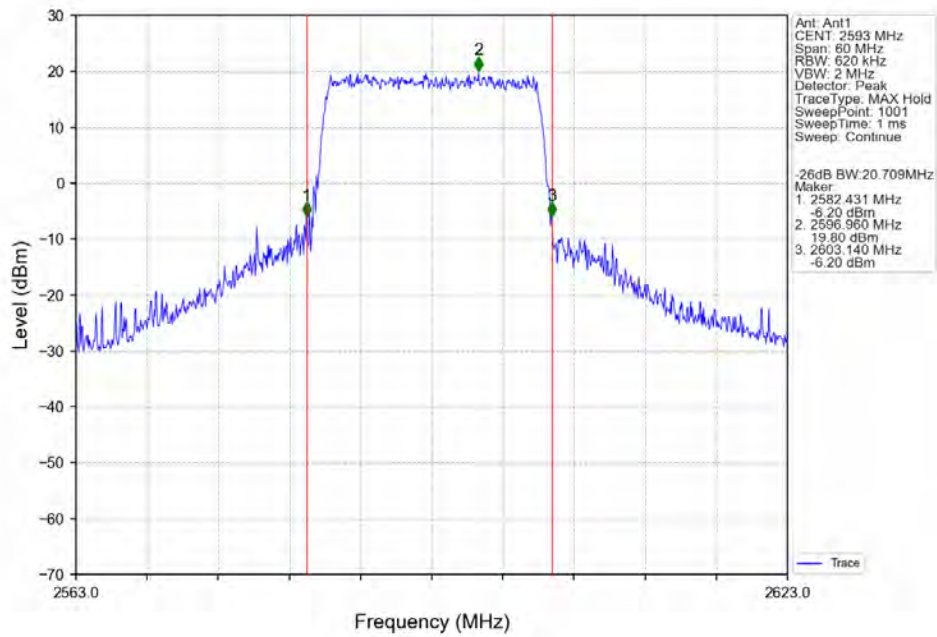
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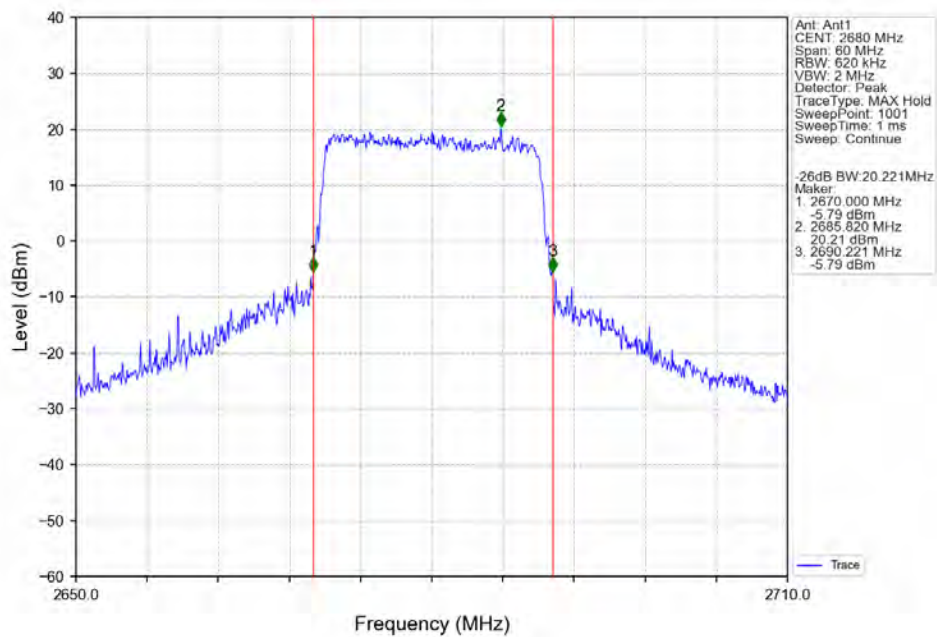
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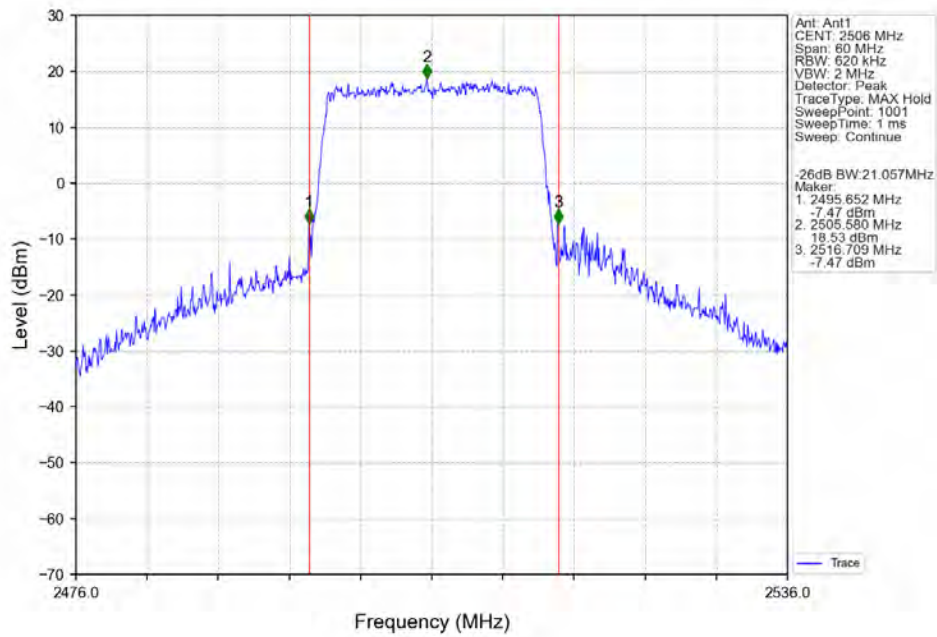
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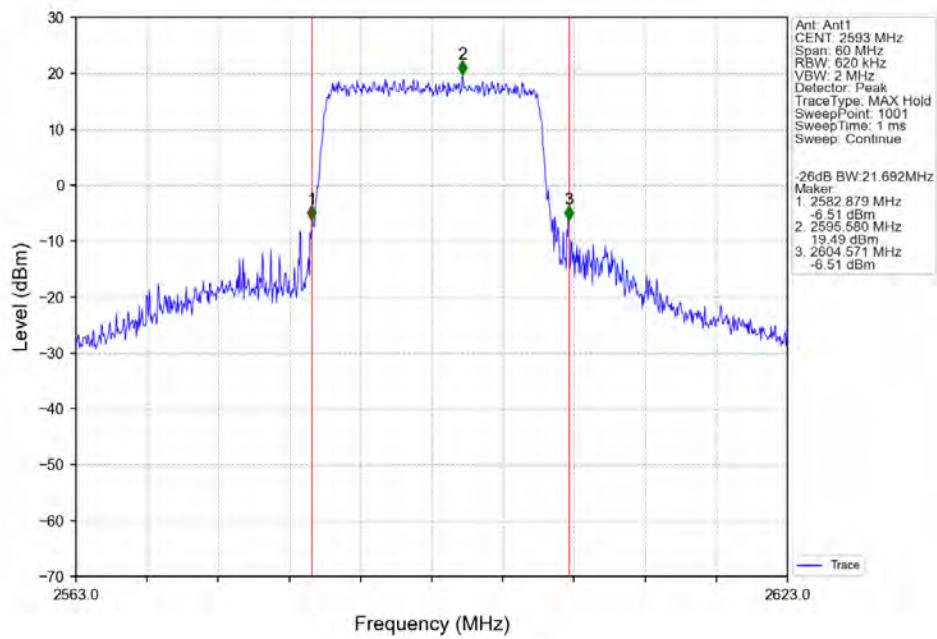
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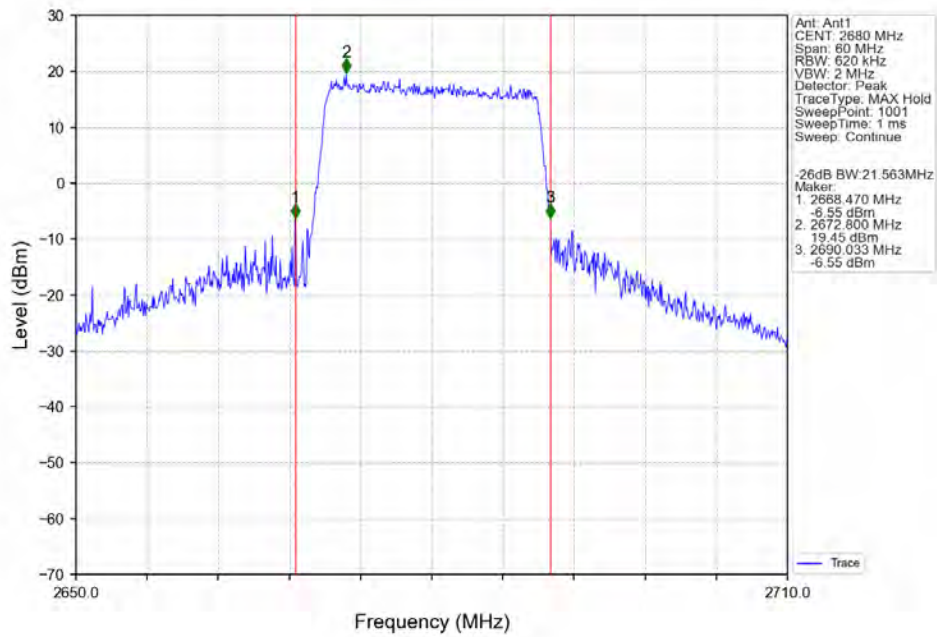
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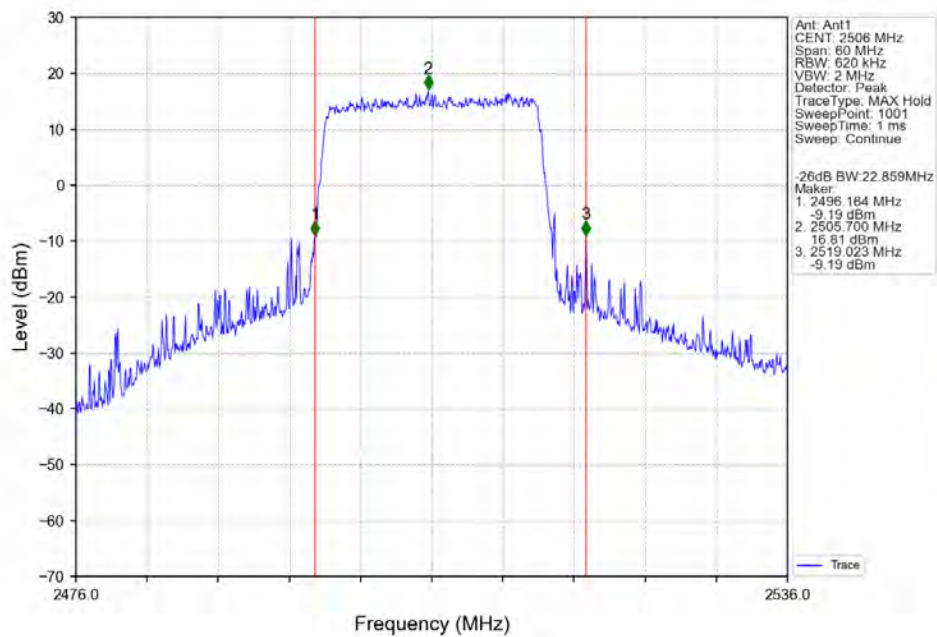
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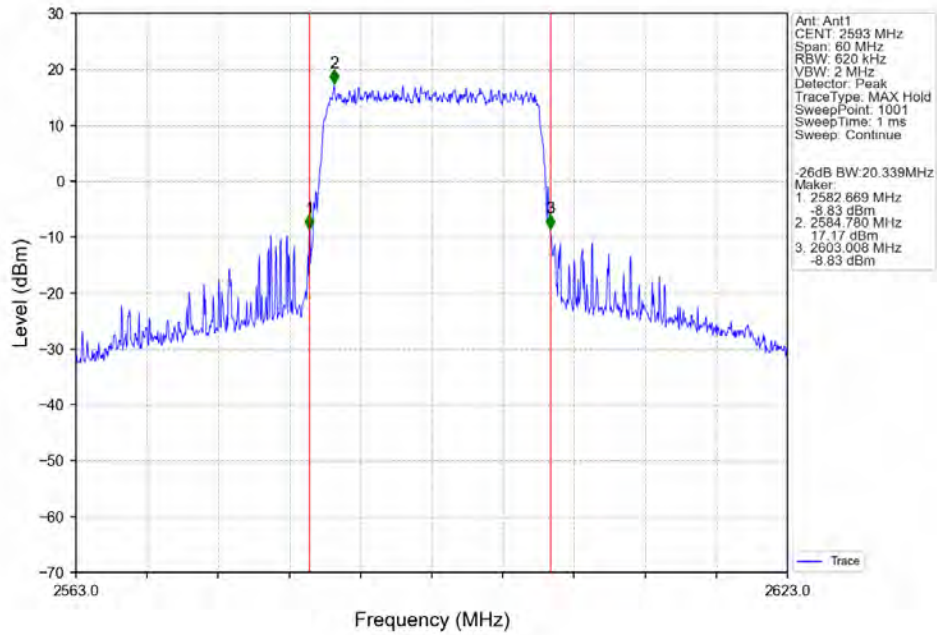
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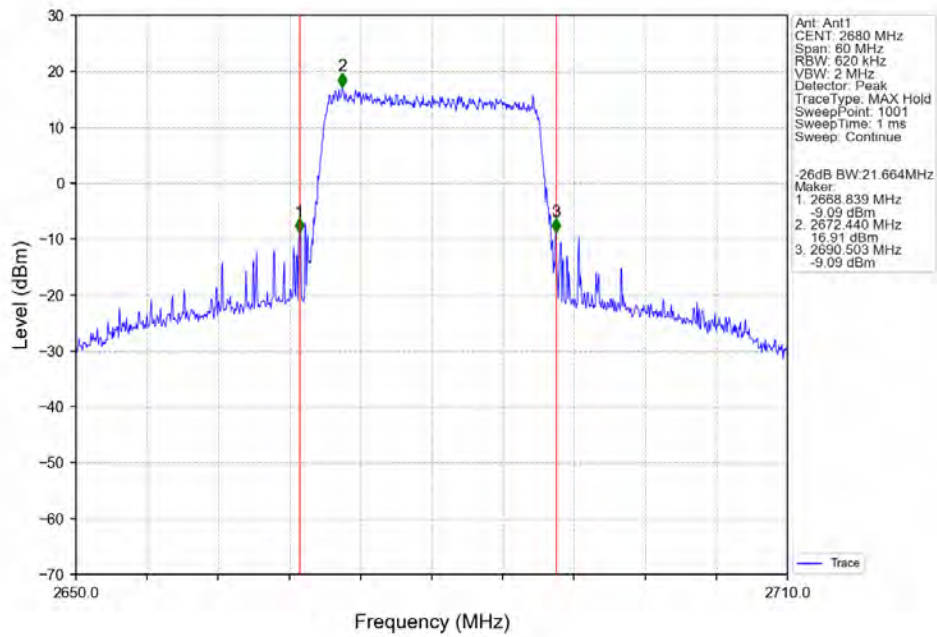
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	6.75	<=13	Pass
	2593	25	0	6.71	<=13	Pass
	2687.5	25	0	6.66	<=13	Pass
16QAM	2498.5	25	0	7.67	<=13	Pass
	2593	25	0	7.58	<=13	Pass
	2687.5	25	0	7.60	<=13	Pass
64QAM	2498.5	25	0	8.44	<=13	Pass
	2593	25	0	8.43	<=13	Pass
	2687.5	25	0	8.31	<=13	Pass
256QAM	2498.5	25	0	8.37	<=13	Pass
	2593	25	0	8.64	<=13	Pass
	2687.5	25	0	8.46	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.74	<=13	Pass
	2593	50	0	6.72	<=13	Pass
	2685	50	0	6.75	<=13	Pass
16QAM	2501	50	0	7.77	<=13	Pass
	2593	50	0	7.71	<=13	Pass
	2685	50	0	7.64	<=13	Pass
64QAM	2501	50	0	8.38	<=13	Pass
	2593	50	0	8.51	<=13	Pass
	2685	50	0	8.46	<=13	Pass
256QAM	2501	50	0	8.47	<=13	Pass
	2593	50	0	8.54	<=13	Pass
	2685	50	0	8.56	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.81	<=13	Pass
	2593	75	0	6.99	<=13	Pass
	2682.5	75	0	6.56	<=13	Pass
16QAM	2503.5	75	0	7.86	<=13	Pass
	2593	75	0	7.76	<=13	Pass
	2682.5	75	0	7.79	<=13	Pass
64QAM	2503.5	75	0	8.60	<=13	Pass

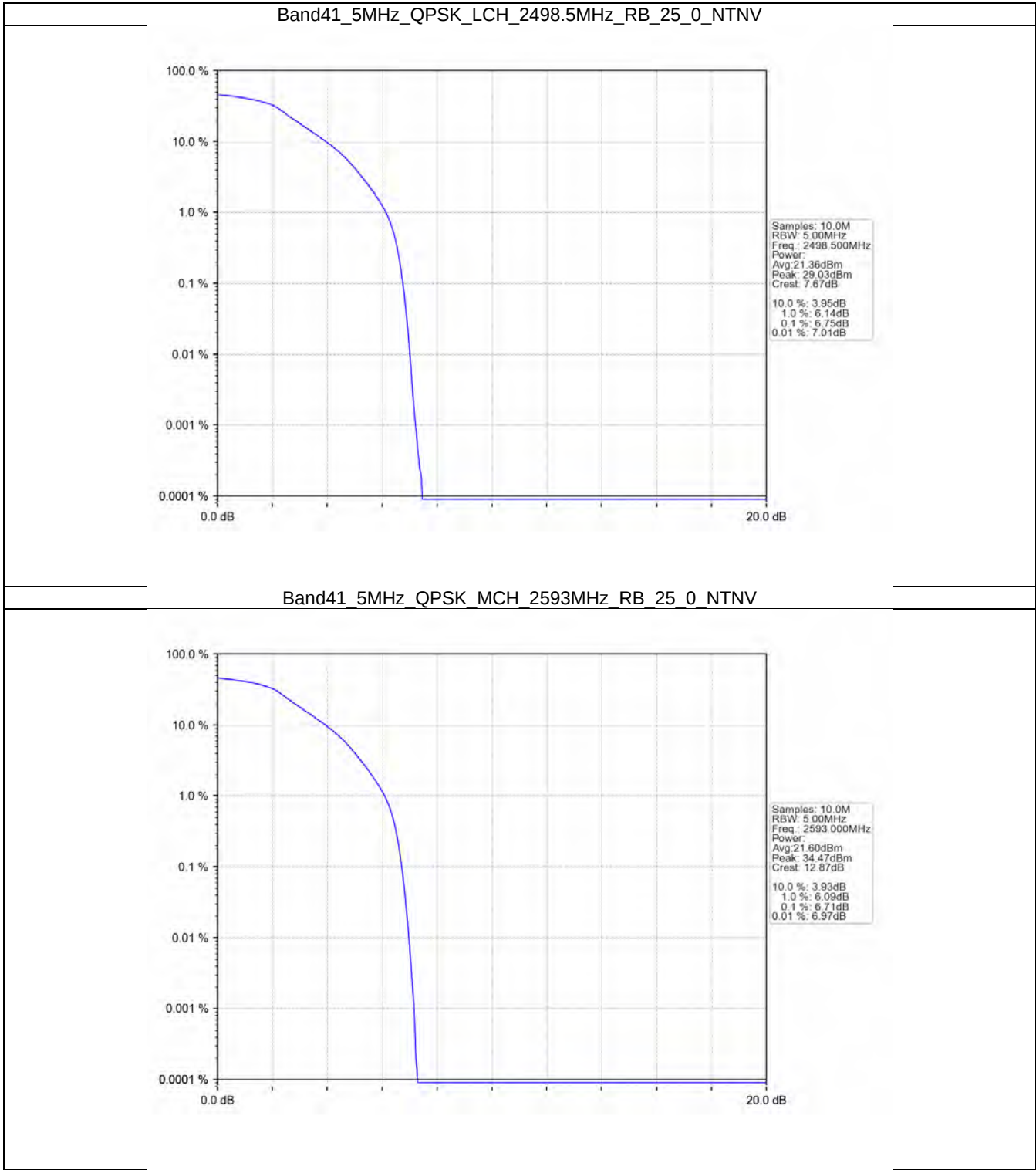
256QAM	2593	75	0	8.45	<=13	Pass
	2682.5	75	0	8.50	<=13	Pass
	2503.5	75	0	8.49	<=13	Pass
	2593	75	0	8.55	<=13	Pass
	2682.5	75	0	8.57	<=13	Pass

4.1.4 B41_20MHz

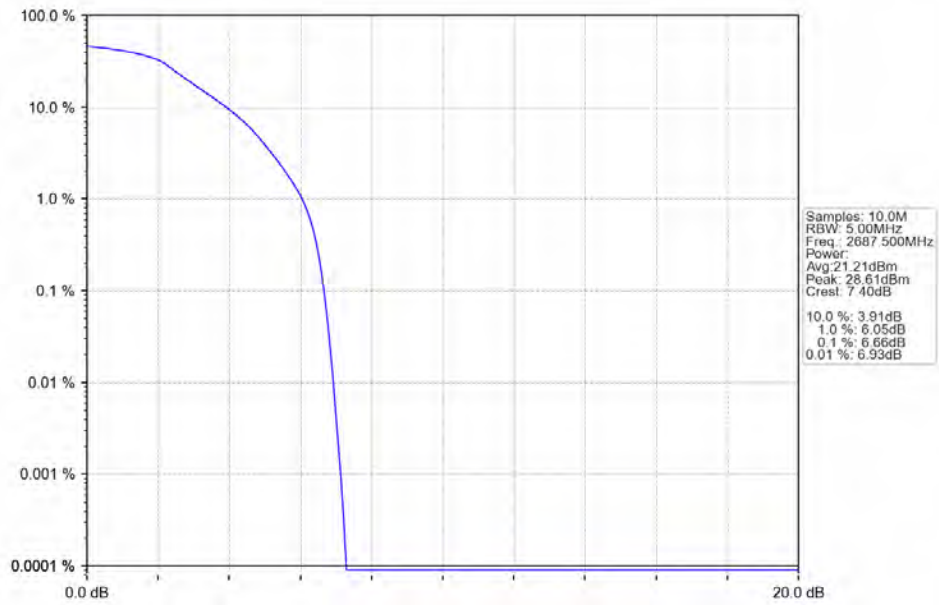
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	6.76	<=13	Pass
	2593	100	0	6.79	<=13	Pass
	2680	100	0	6.83	<=13	Pass
16QAM	2506	100	0	7.78	<=13	Pass
	2593	100	0	7.63	<=13	Pass
	2680	100	0	7.77	<=13	Pass
64QAM	2506	100	0	8.16	<=13	Pass
	2593	100	0	8.40	<=13	Pass
	2680	100	0	8.17	<=13	Pass
256QAM	2506	100	0	8.53	<=13	Pass
	2593	100	0	8.59	<=13	Pass
	2680	100	0	8.55	<=13	Pass

4.2 Test Graph

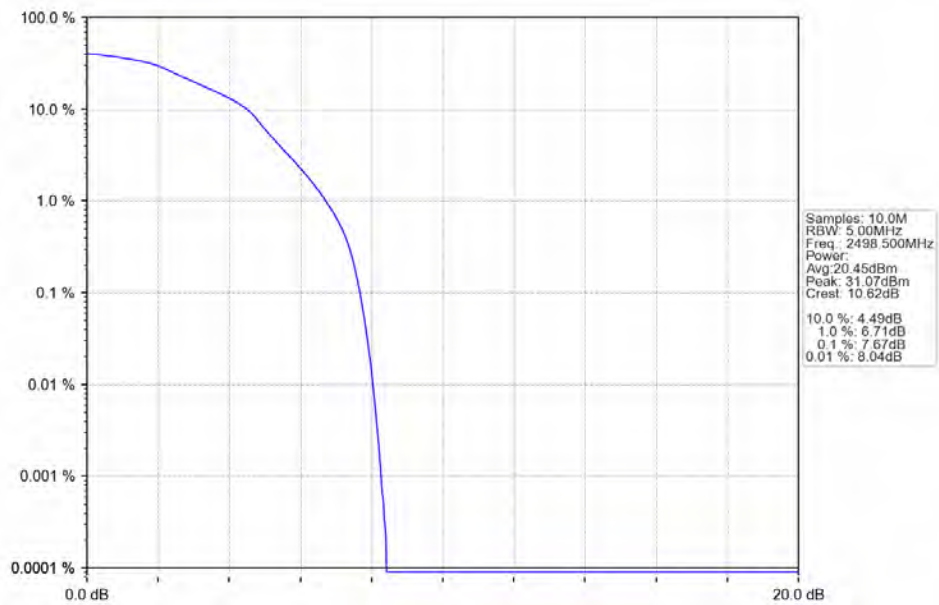
4.2.1 B41_5MHz



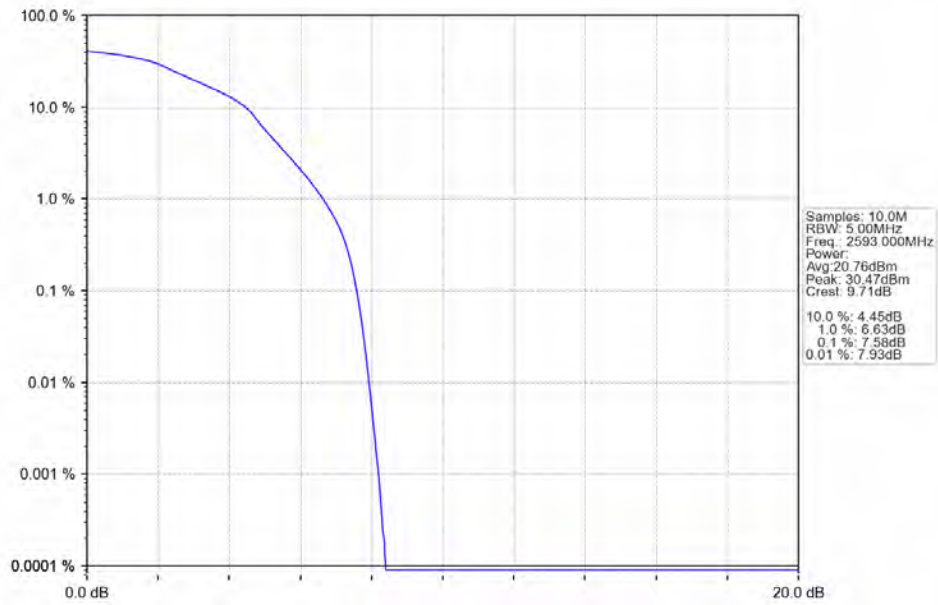
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



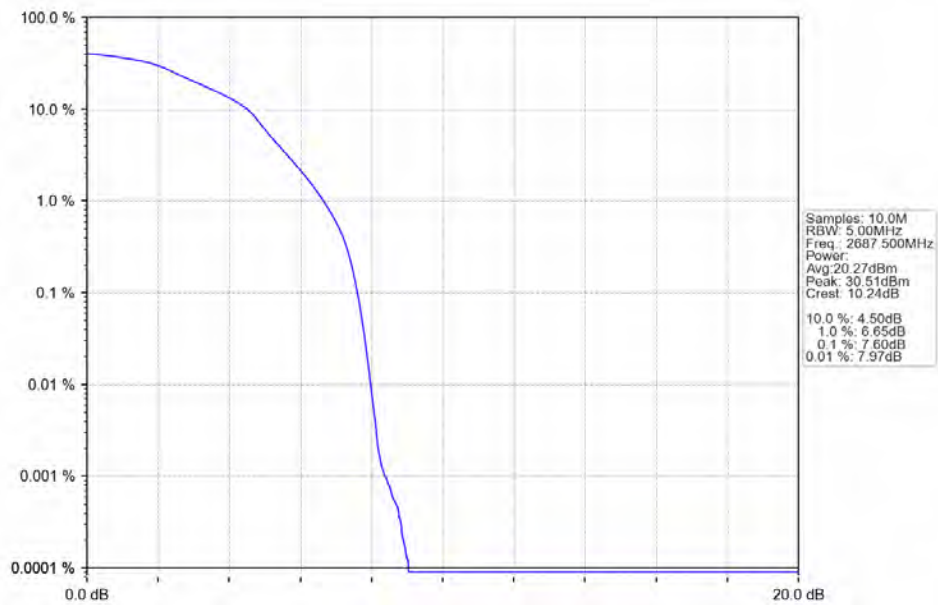
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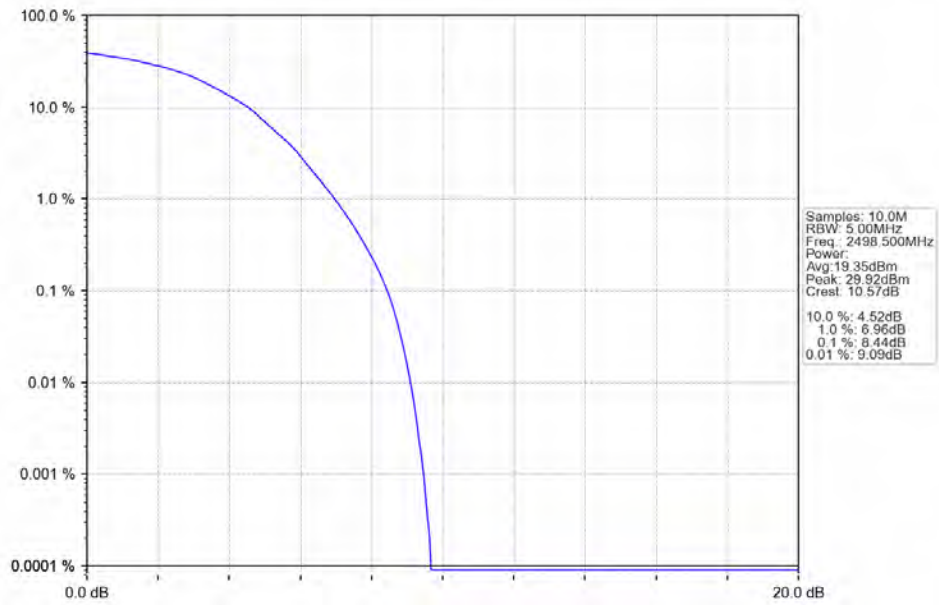
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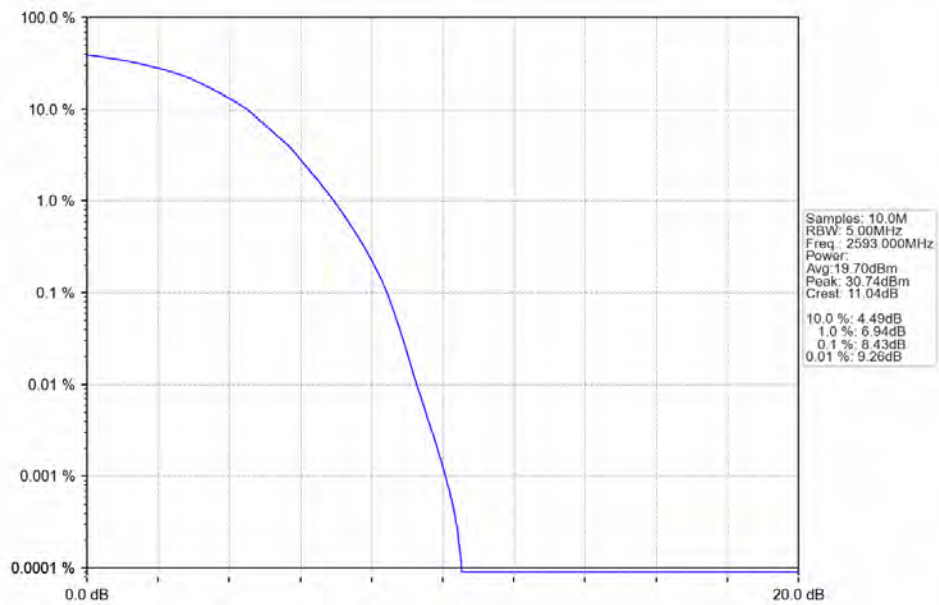
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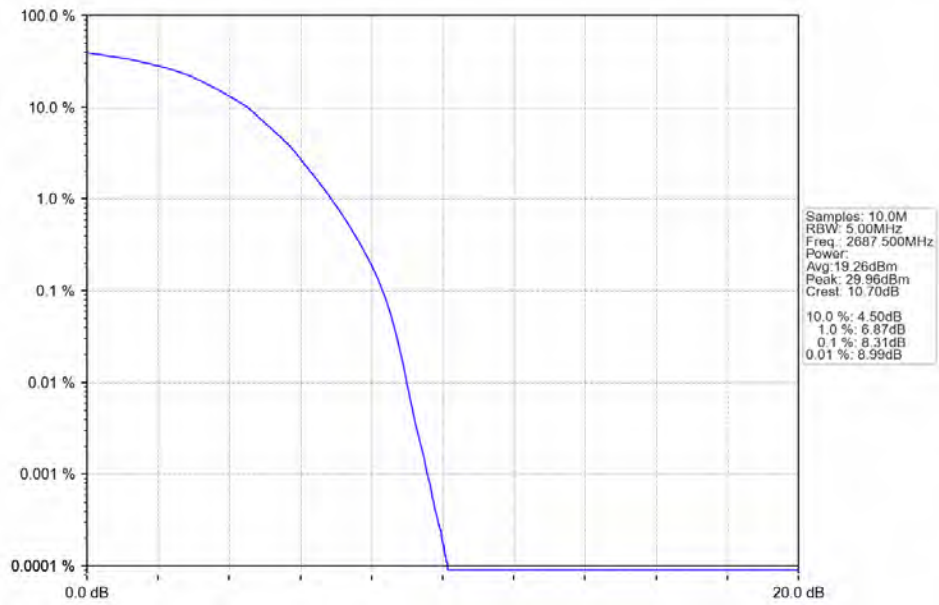
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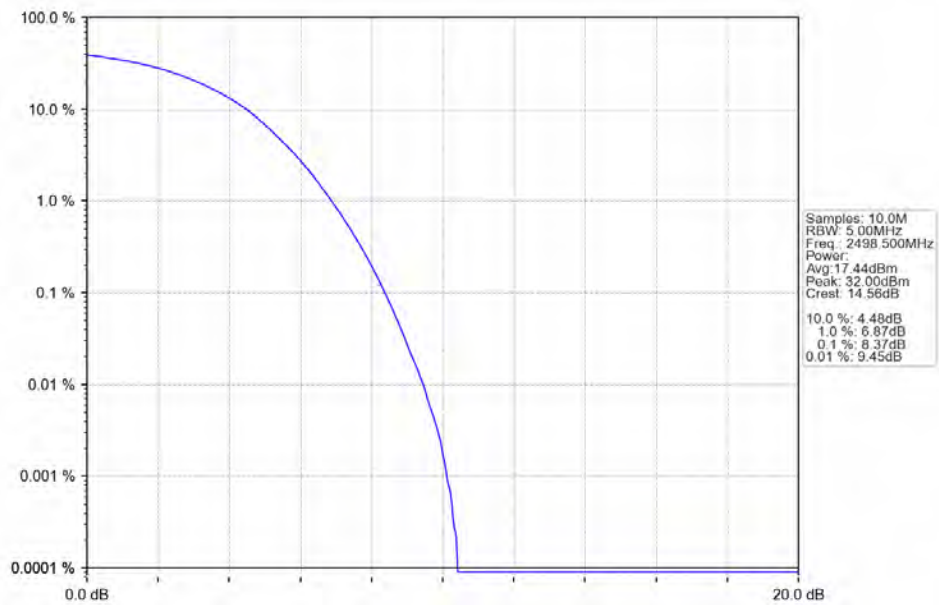
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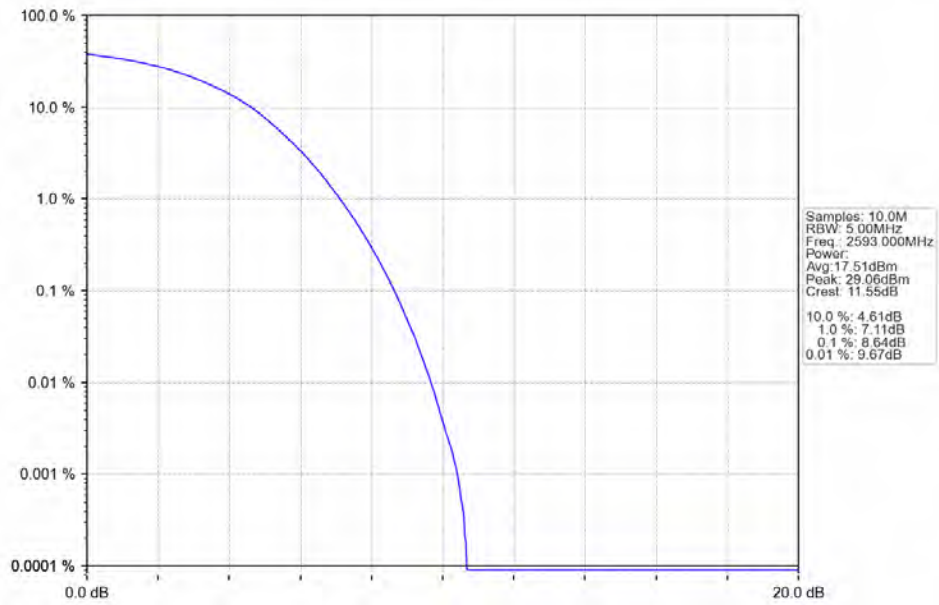
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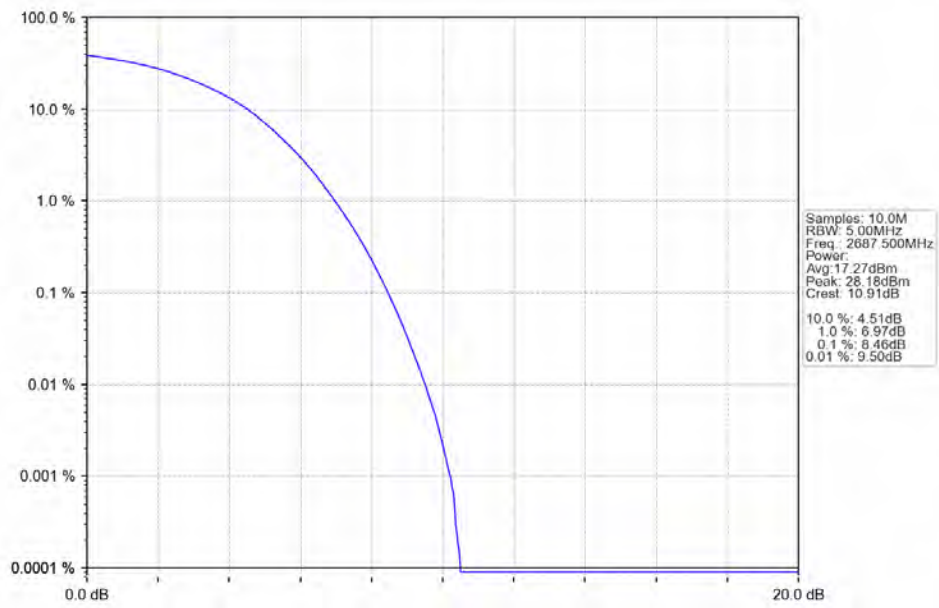
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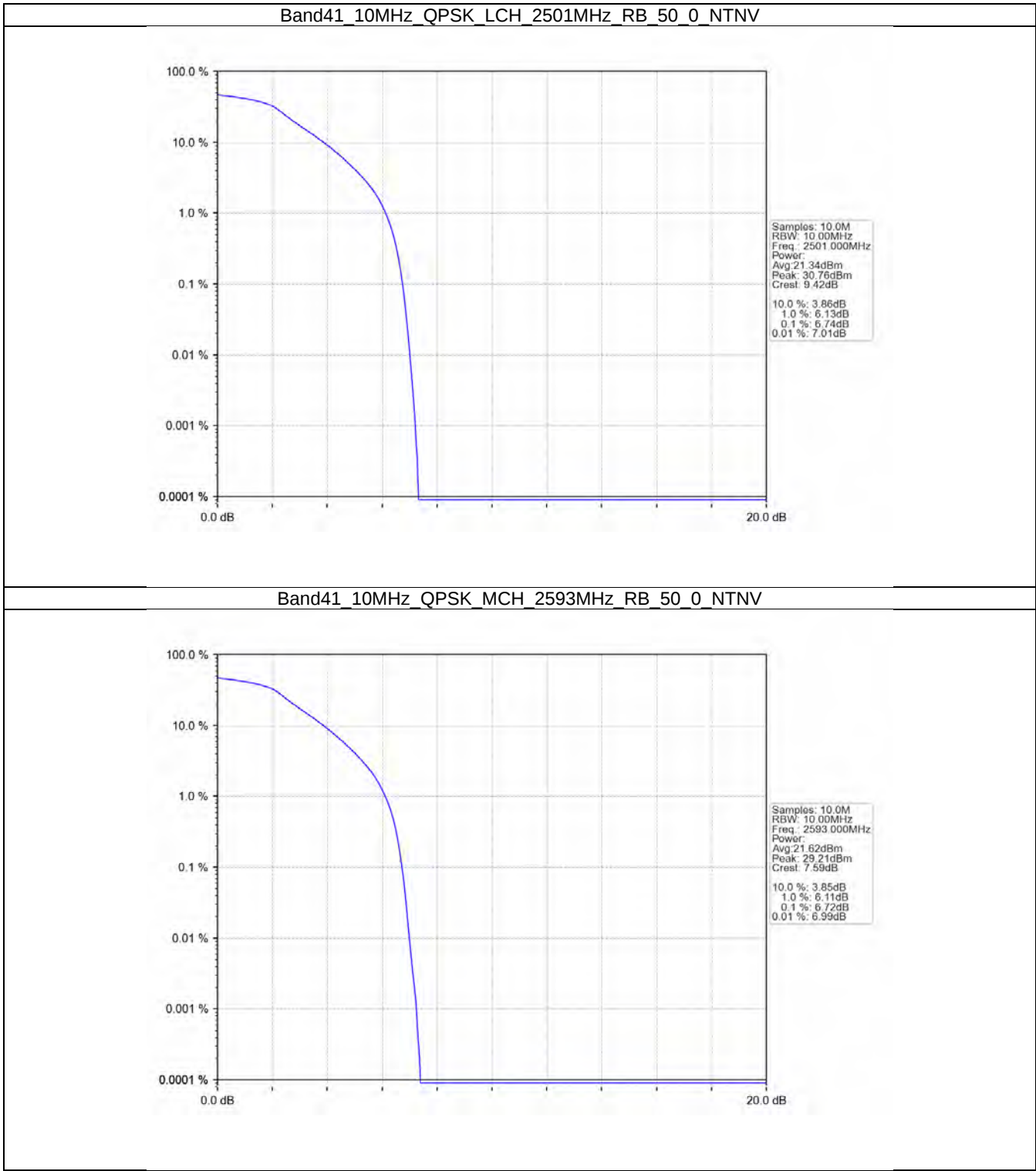
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



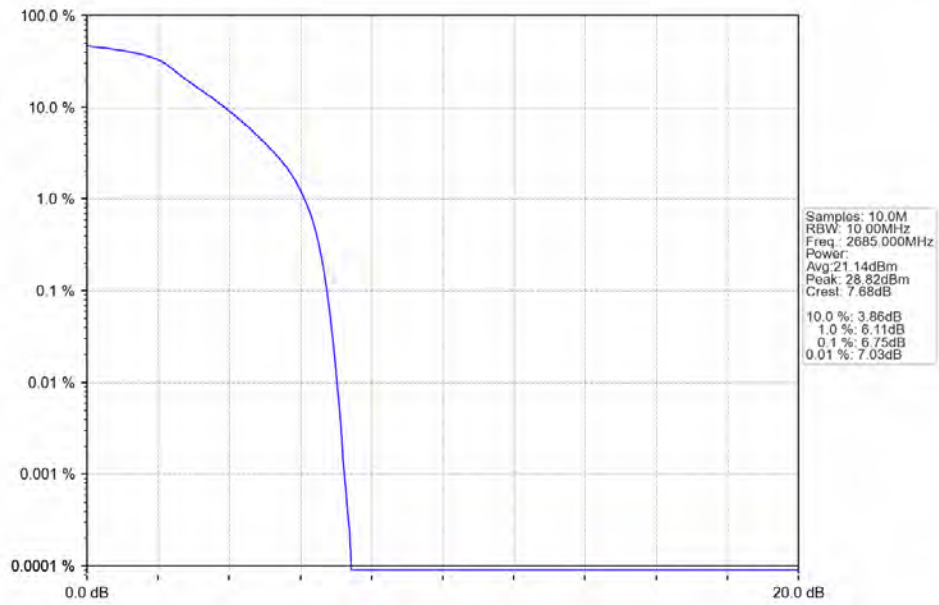
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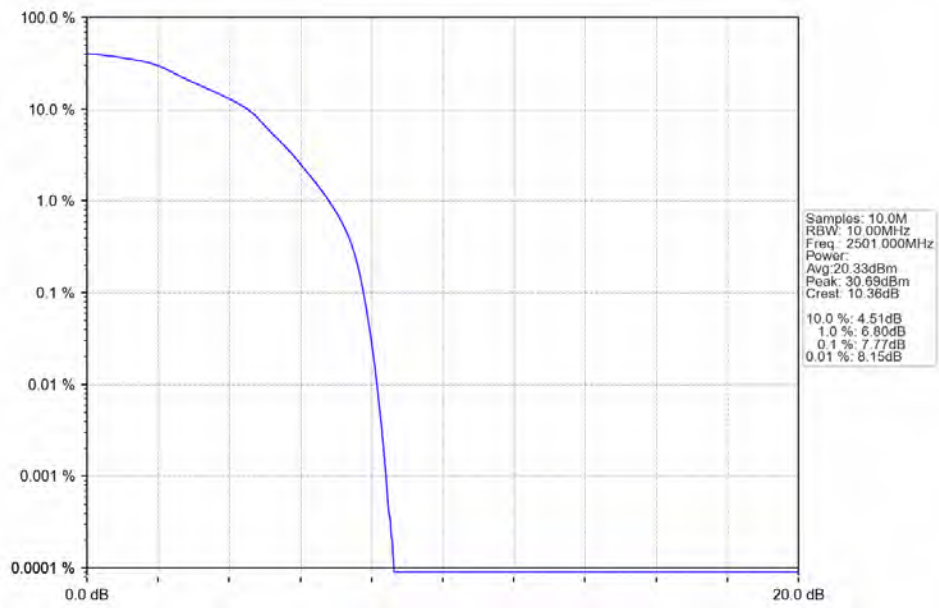
4.2.2 B41_10MHz



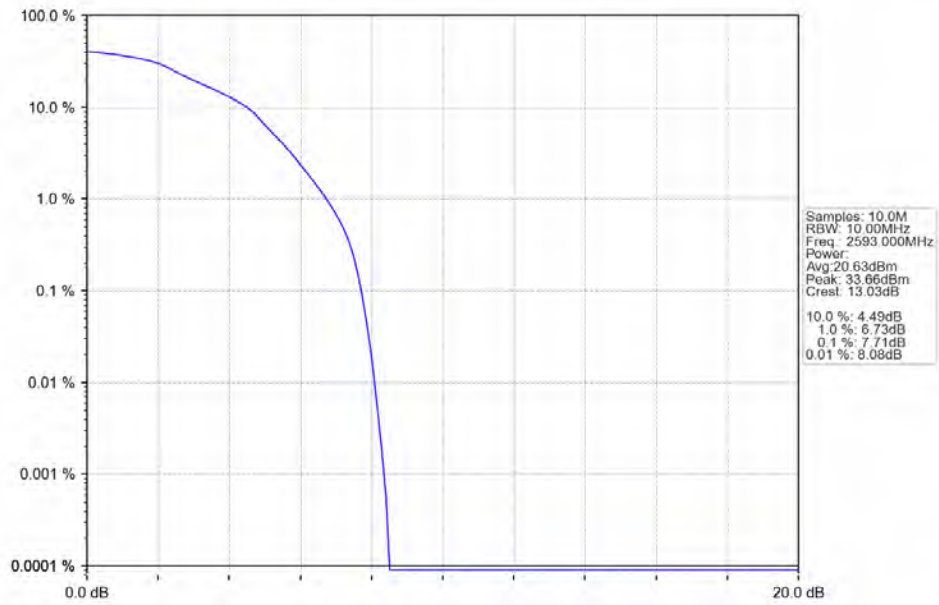
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



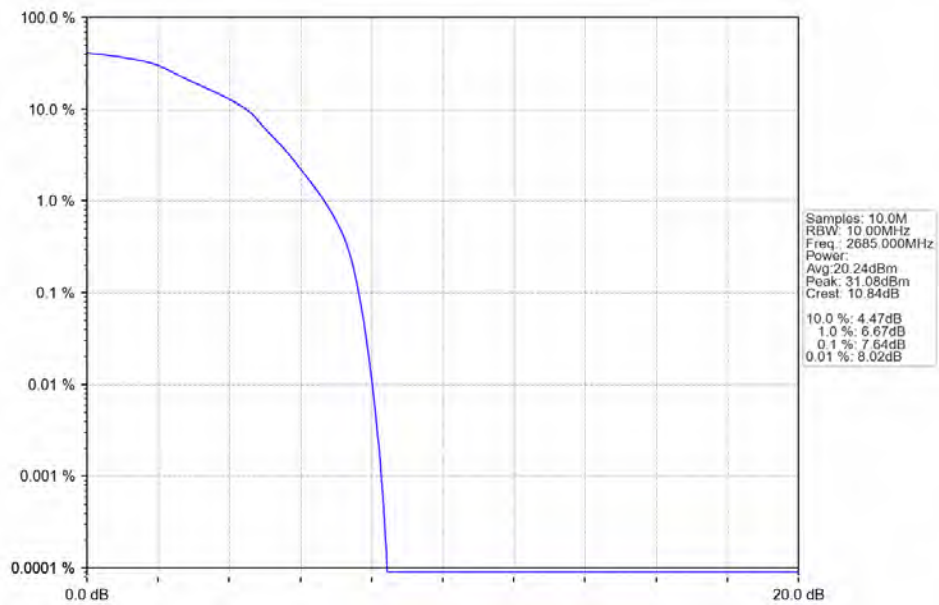
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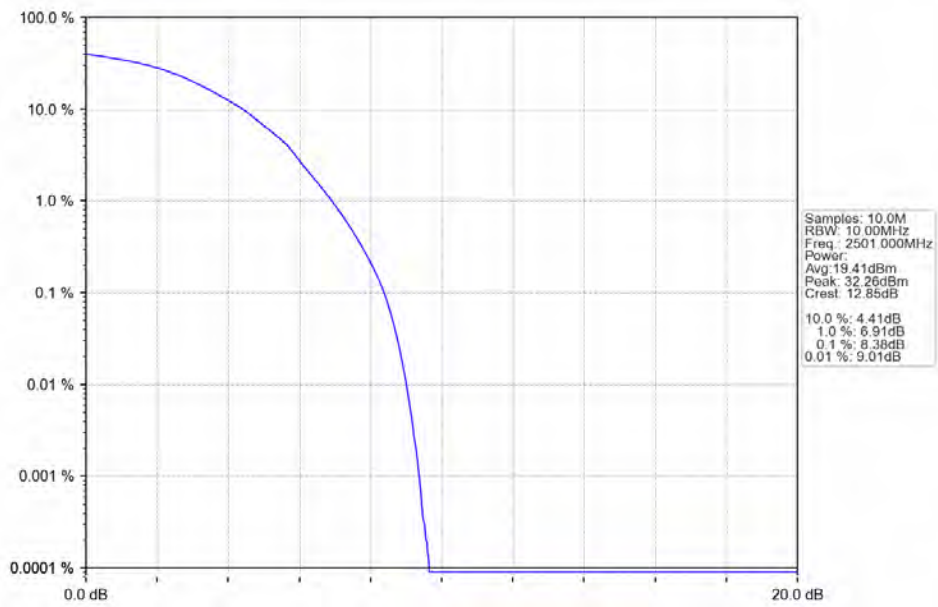
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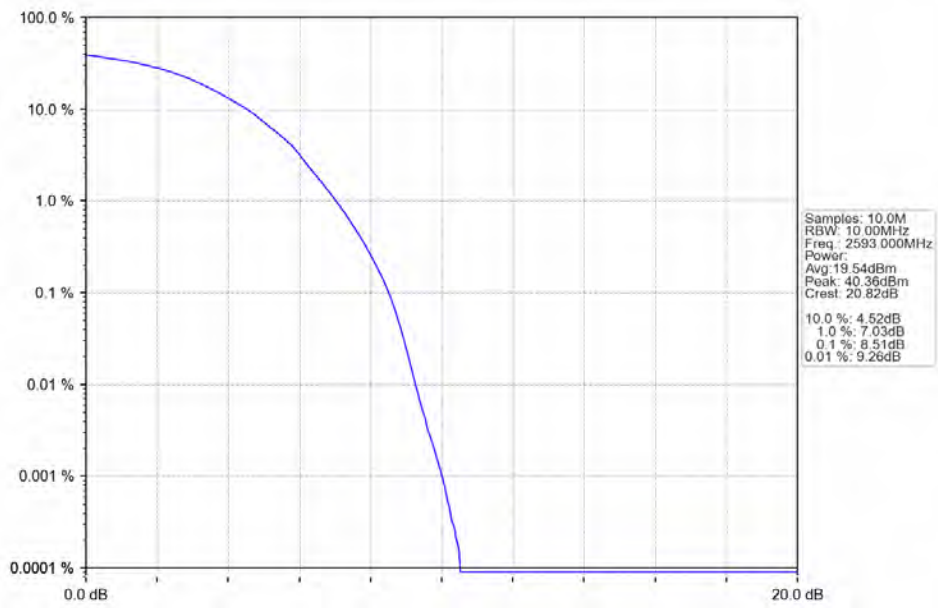
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



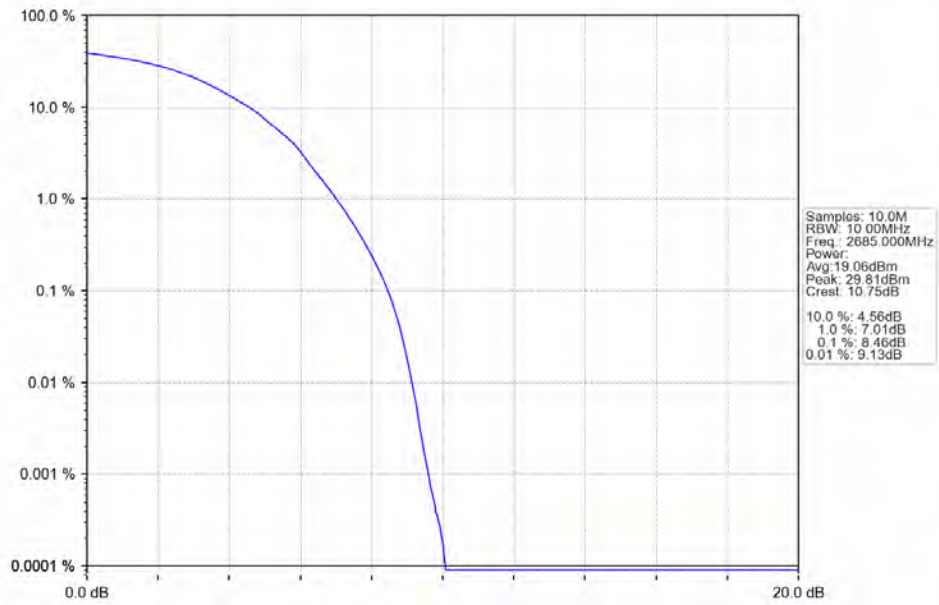
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTV



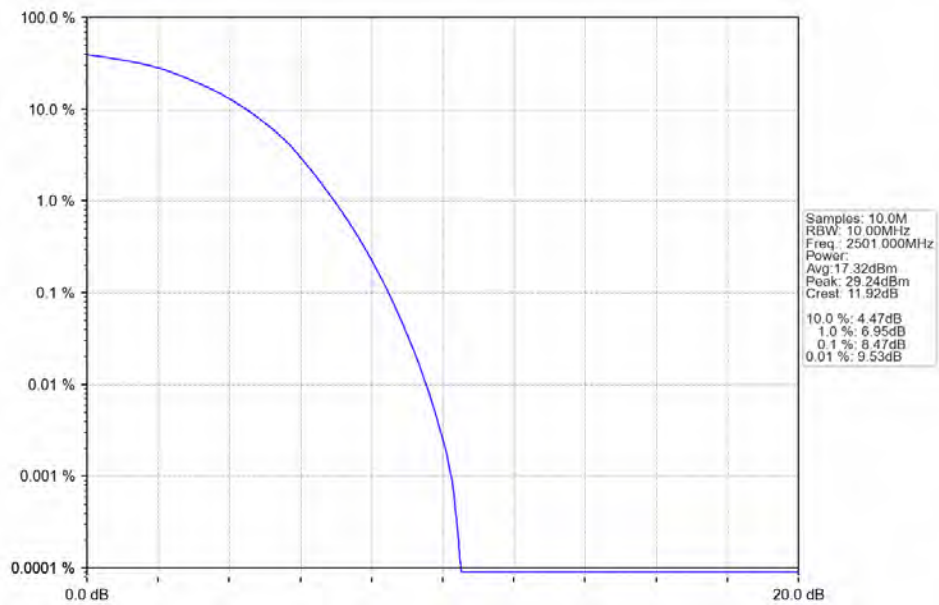
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



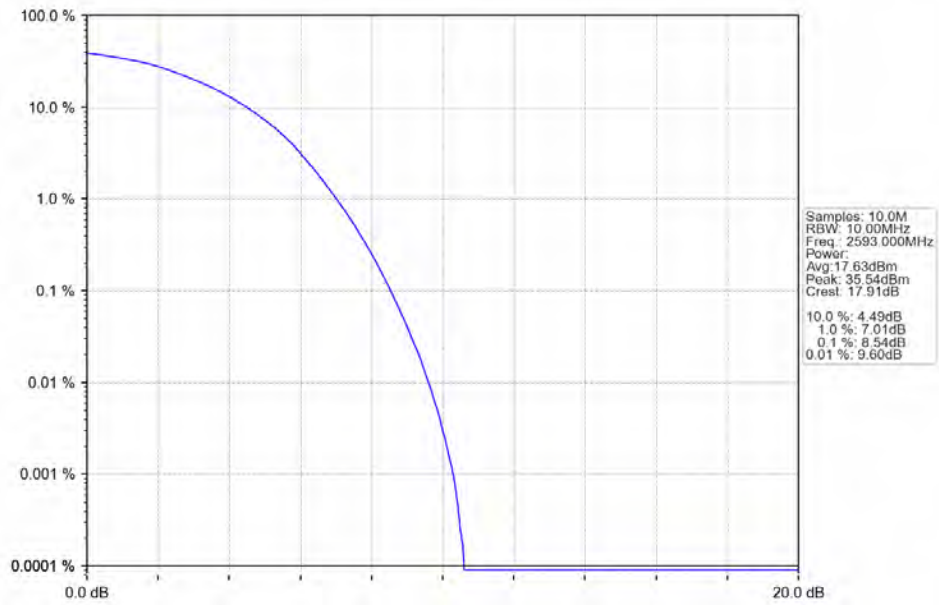
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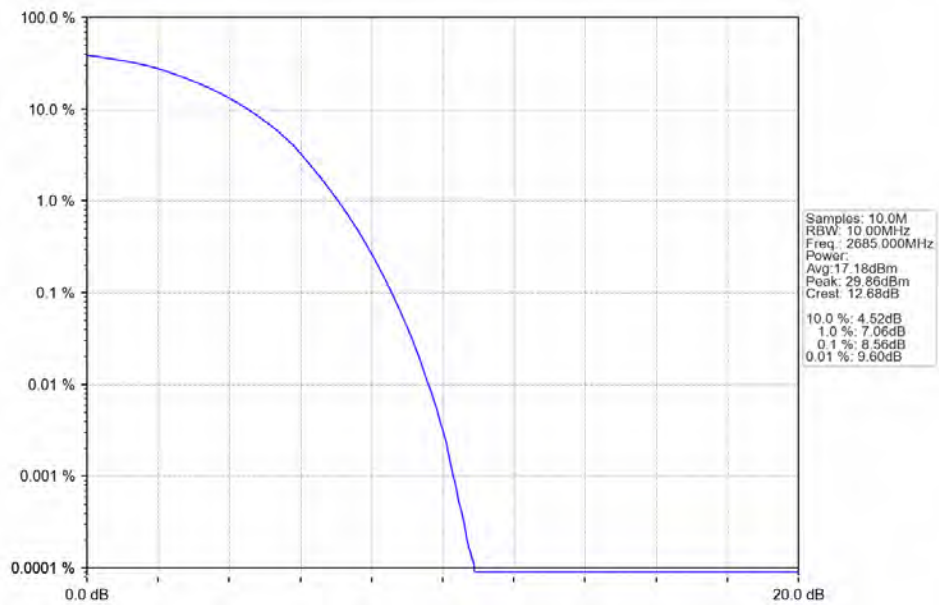
Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTNV



Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV

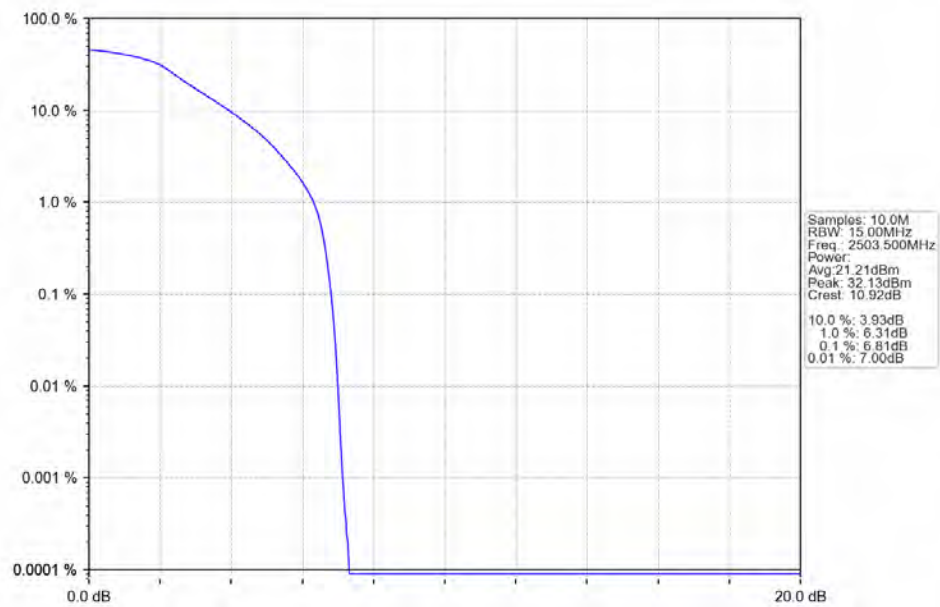


Band41 10MHz 256QAM HCH 2685MHz RB 50 0 NTNV

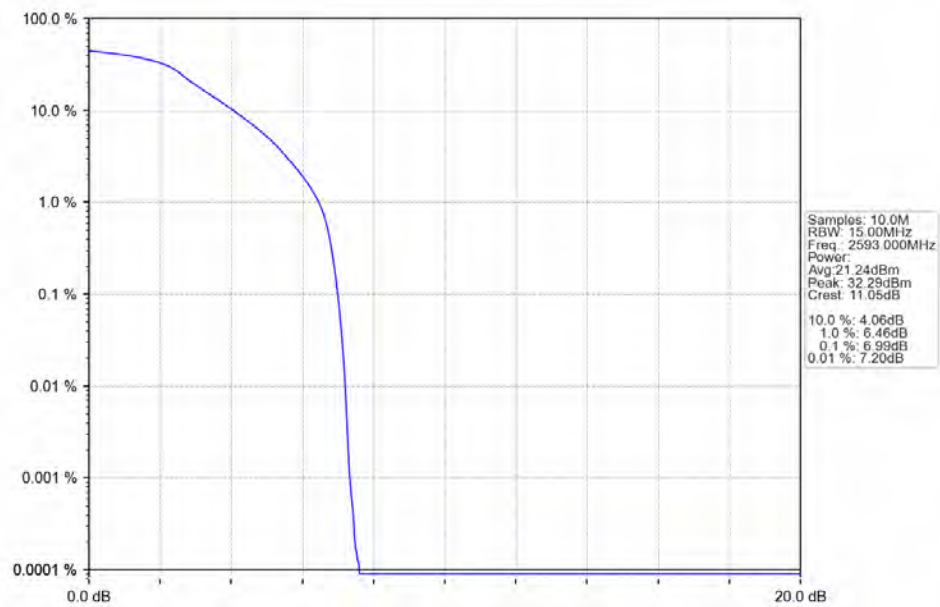


4.2.3 B41_15MHz

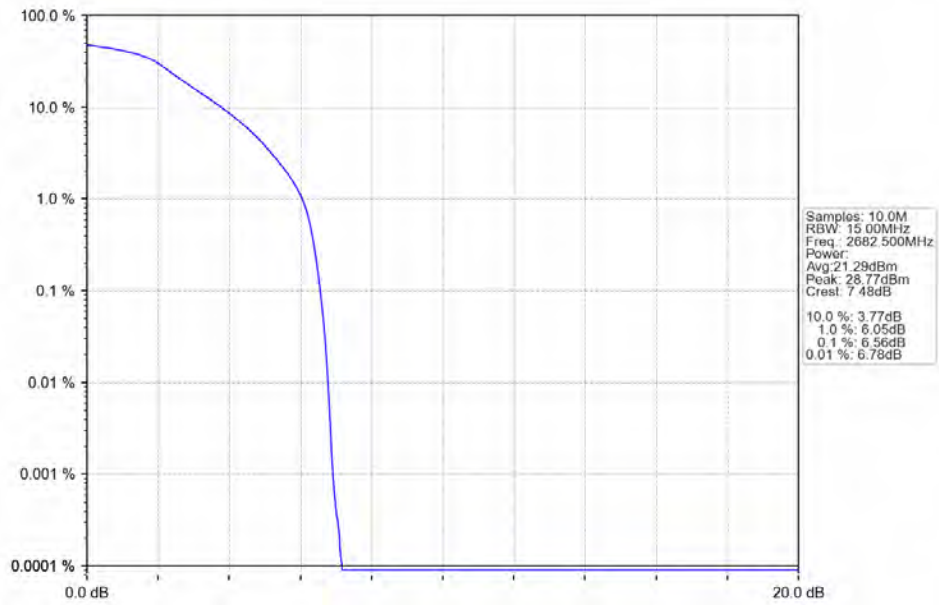
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



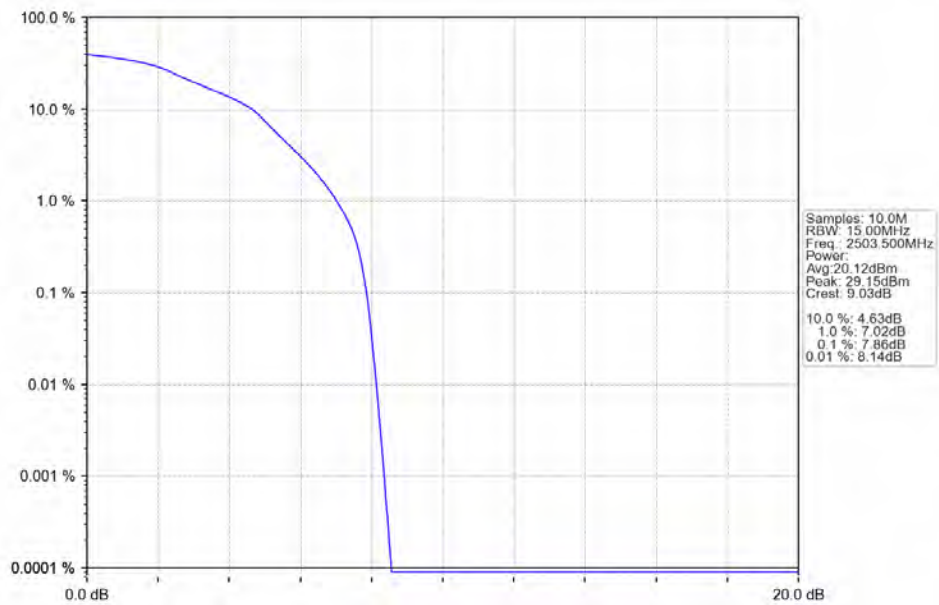
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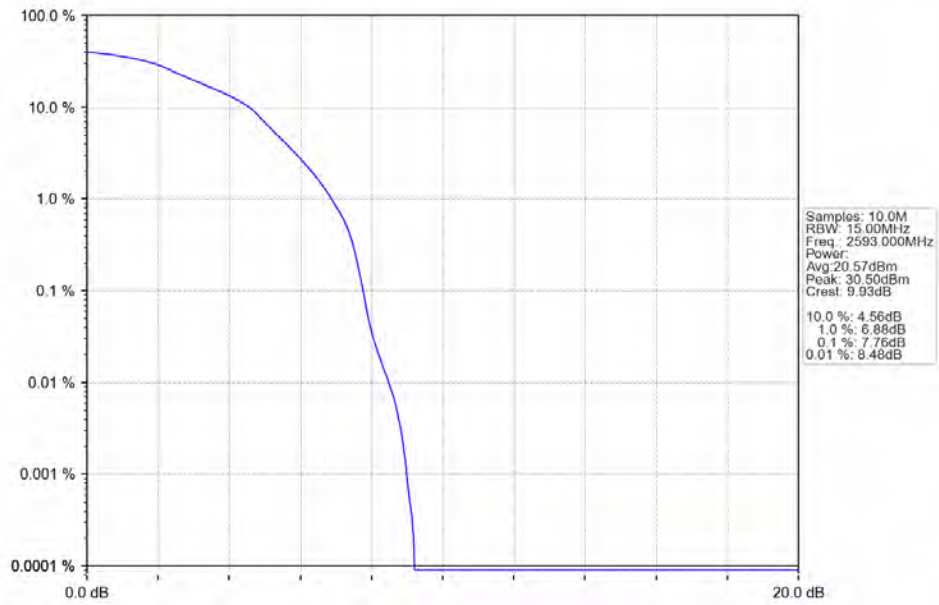
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



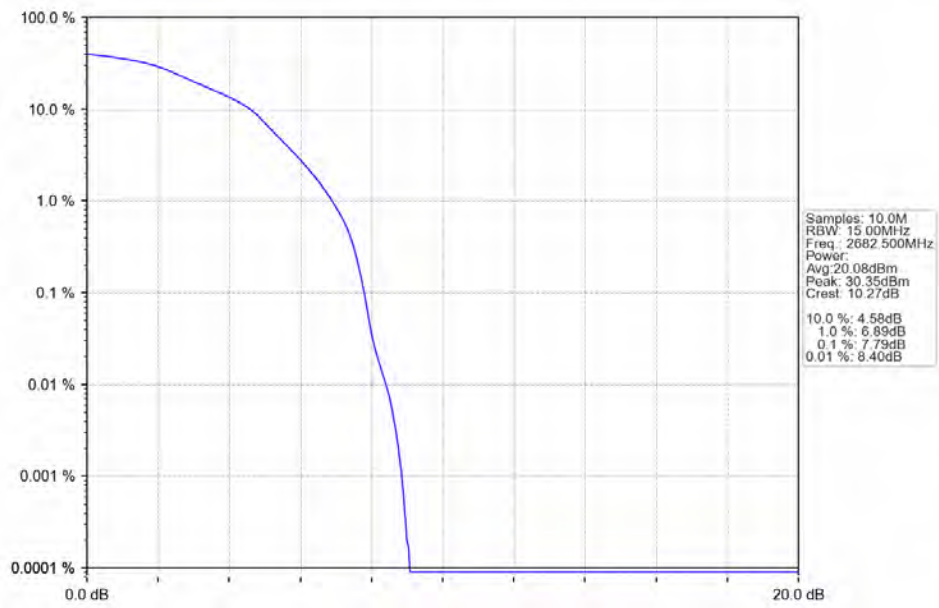
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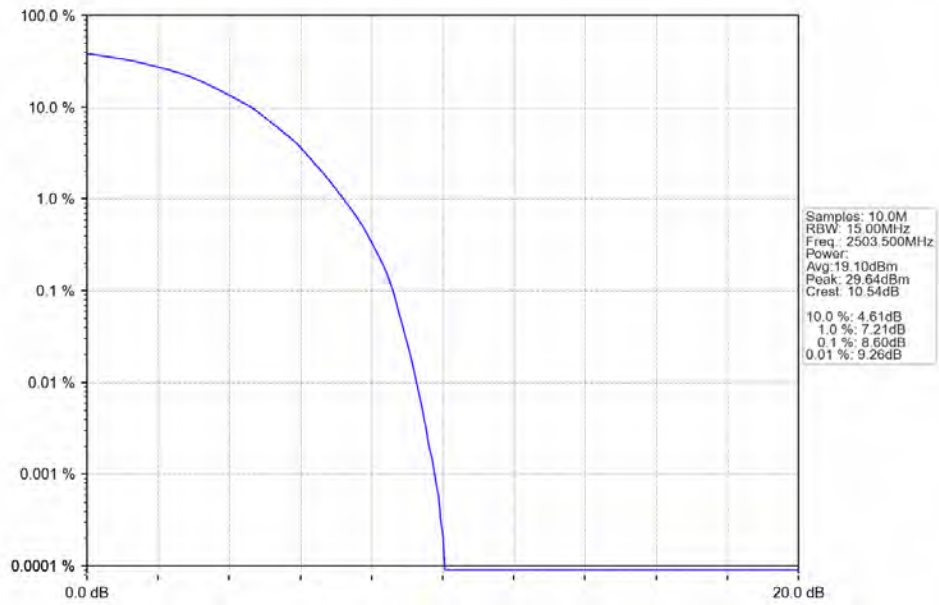
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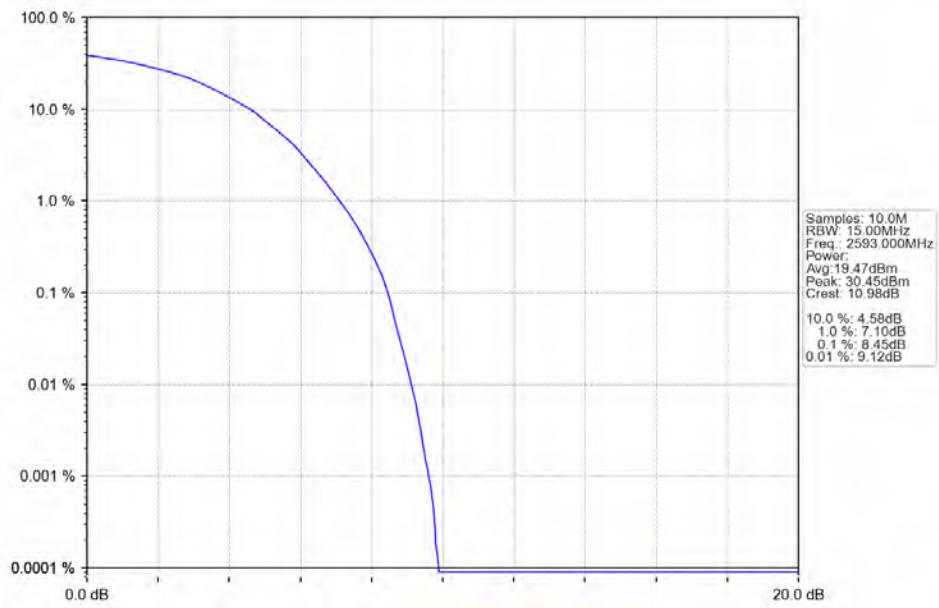
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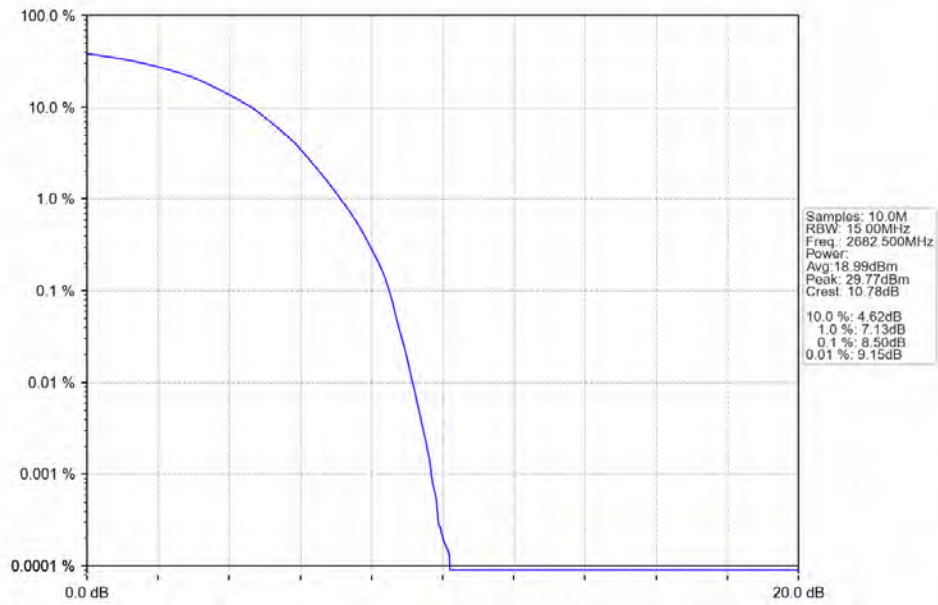
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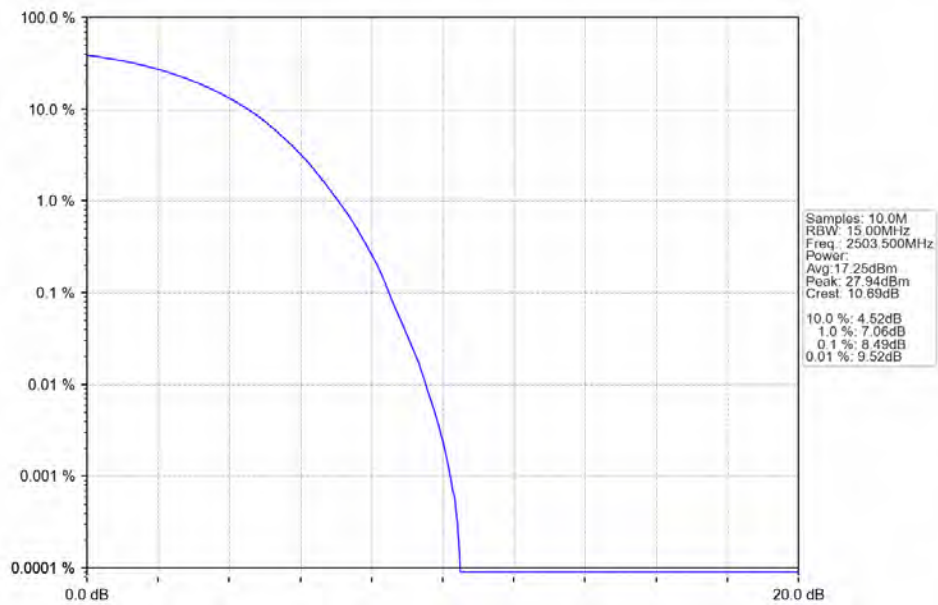
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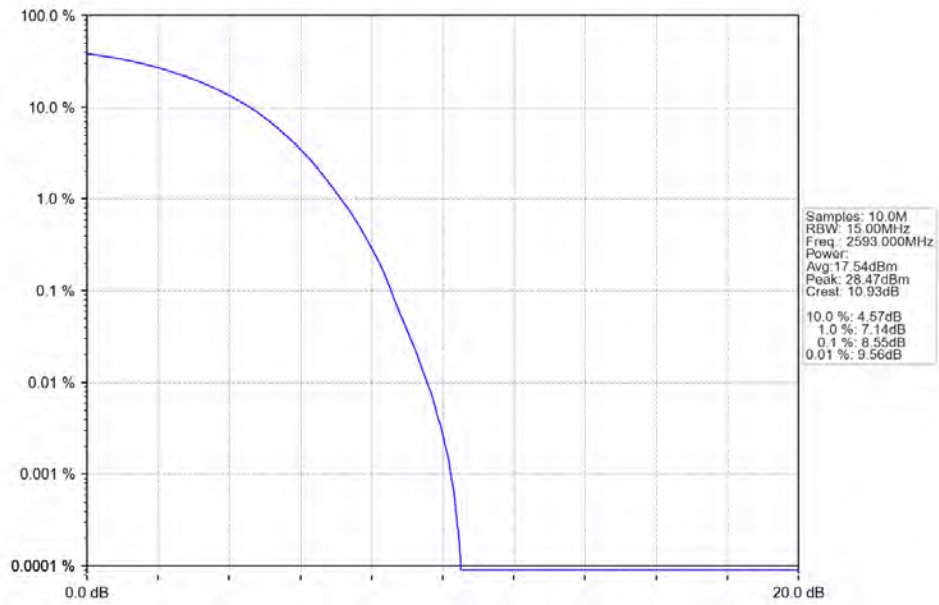
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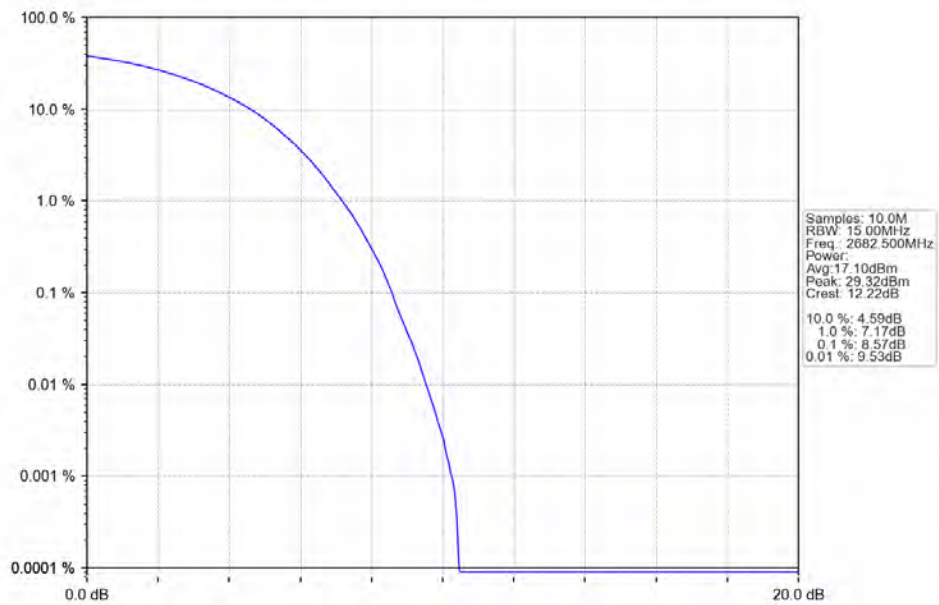
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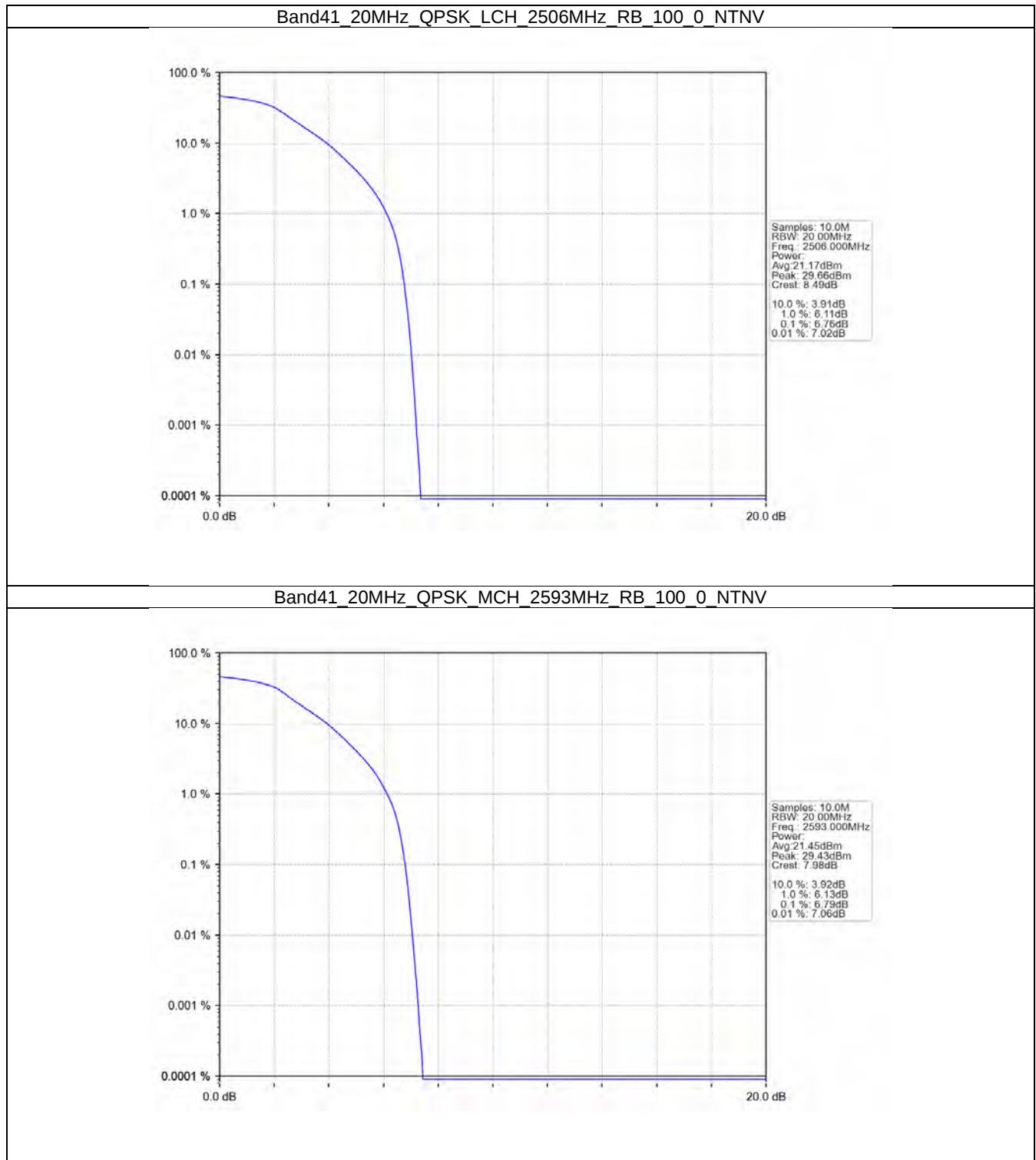
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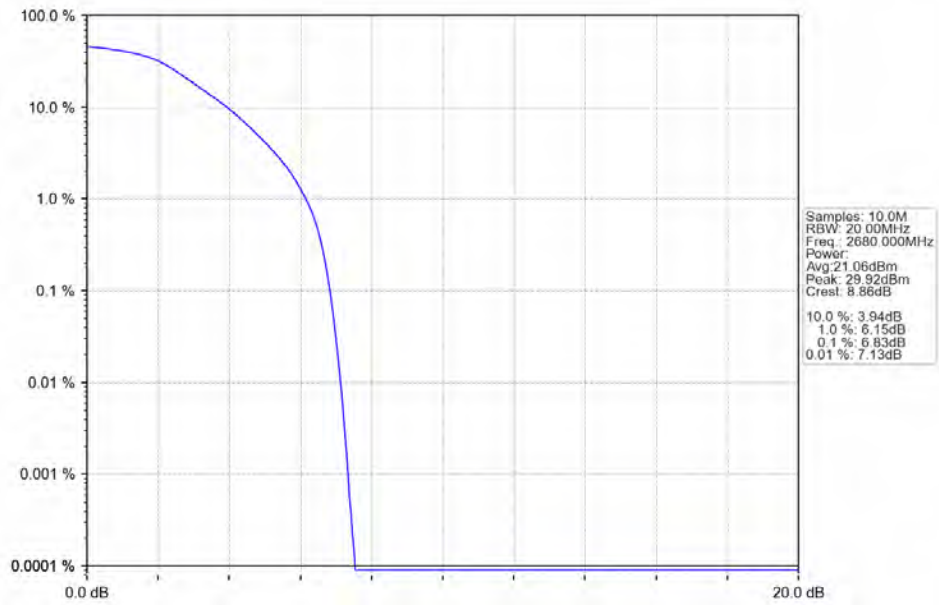
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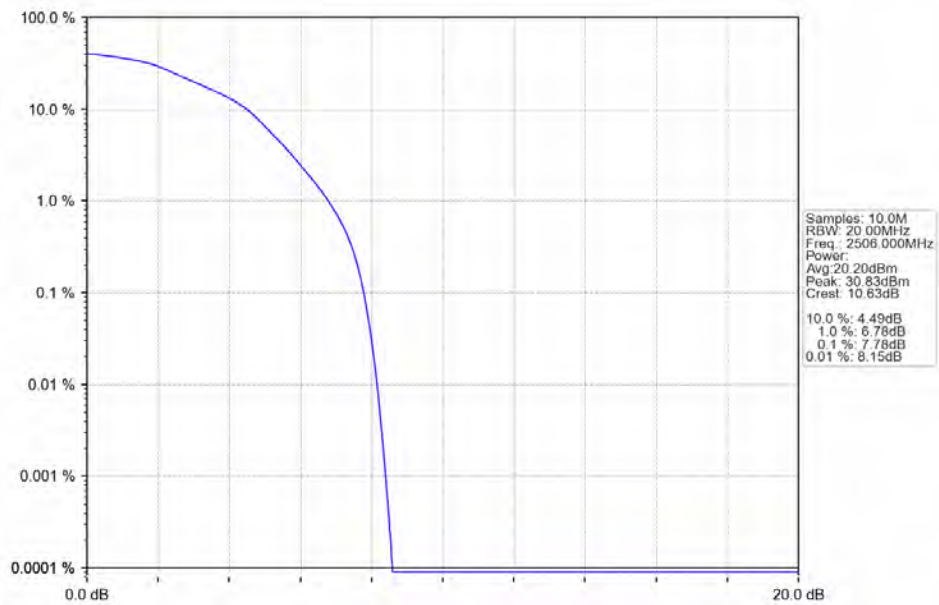
4.2.4 B41_20MHz



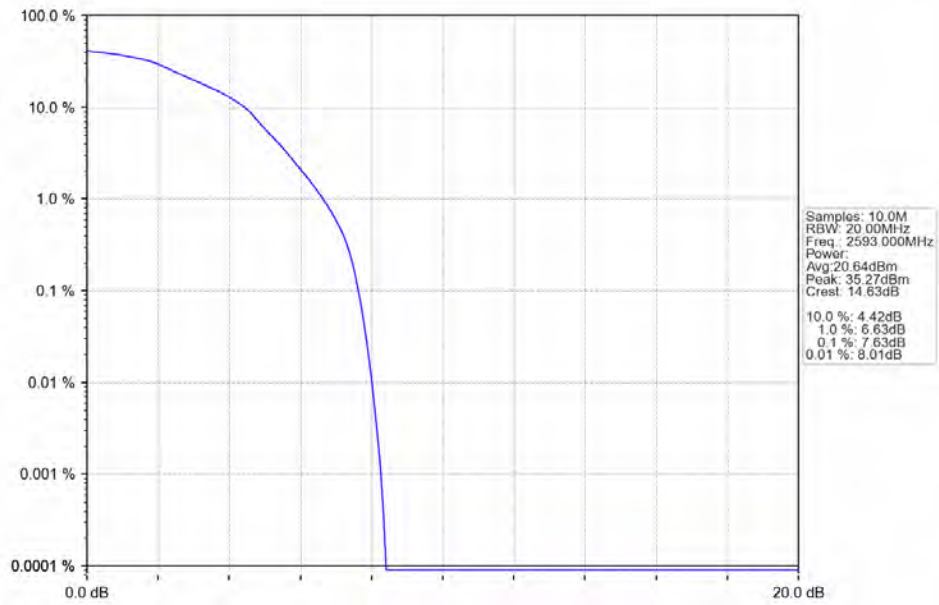
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



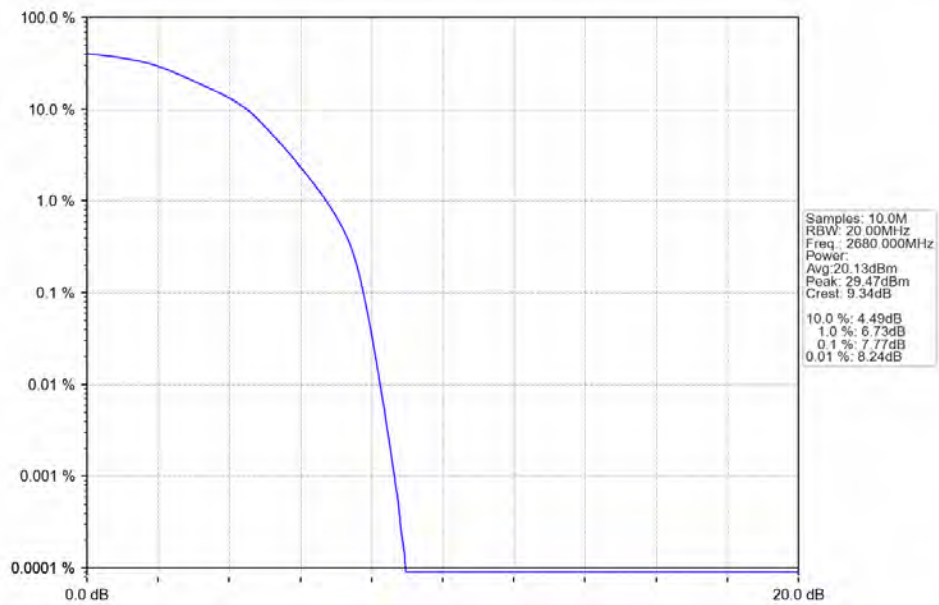
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



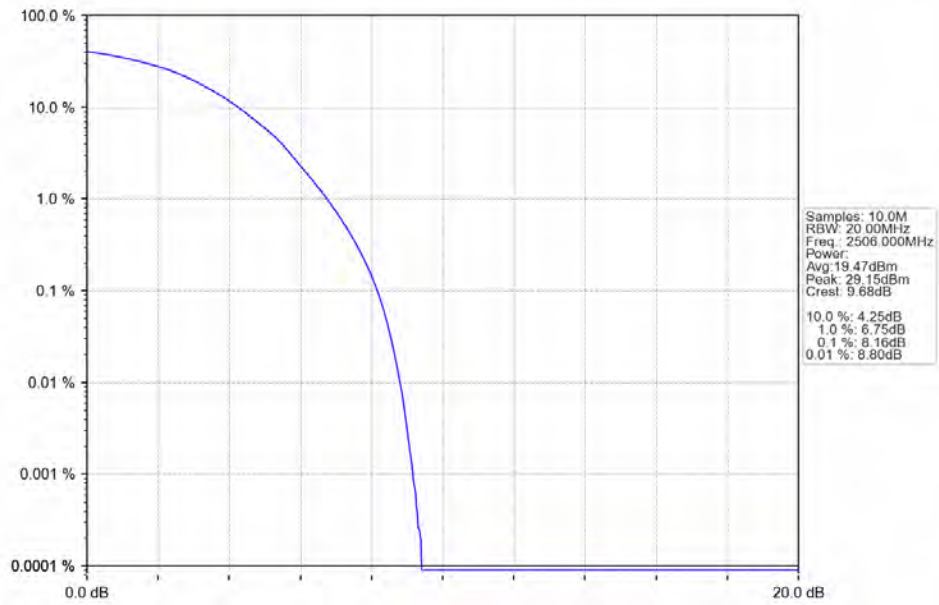
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



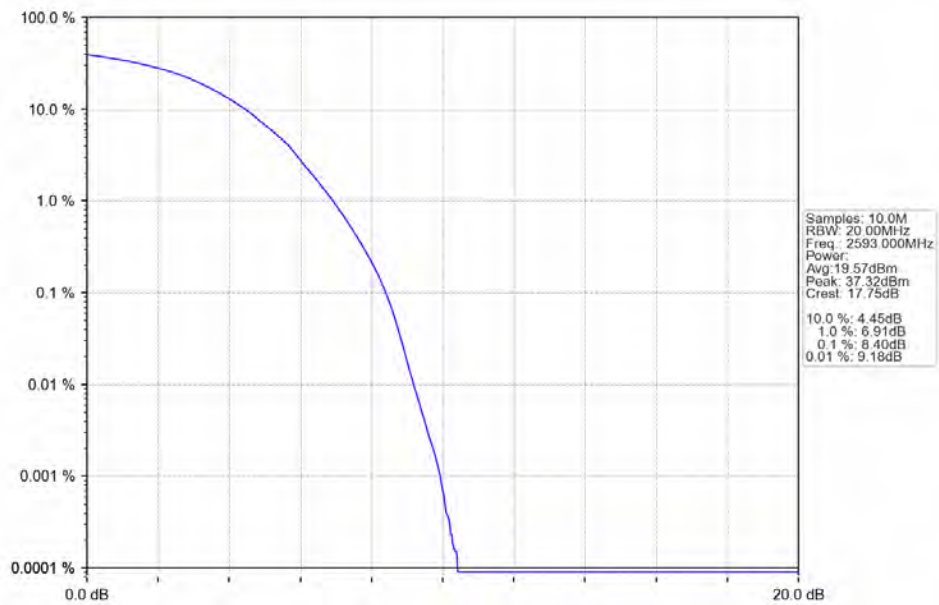
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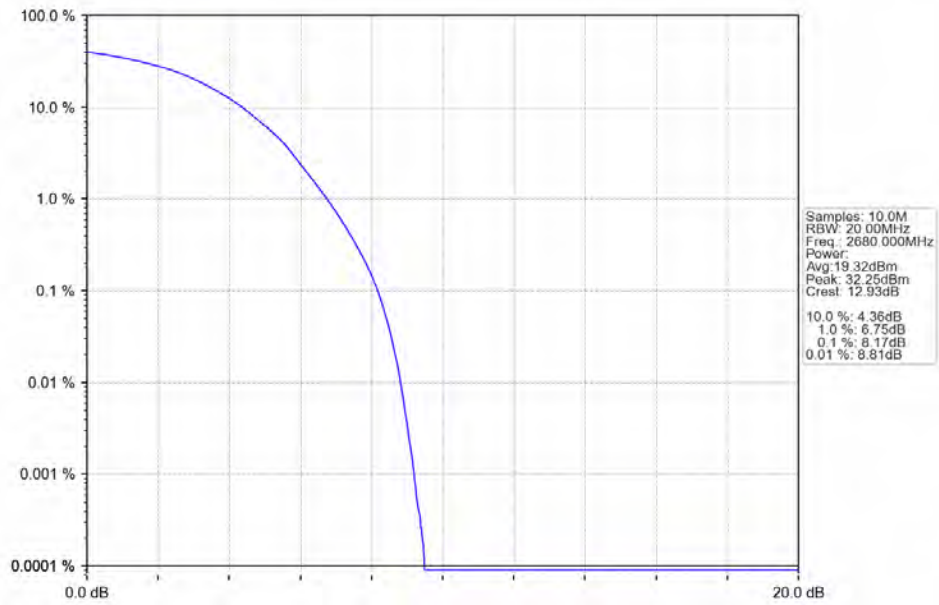
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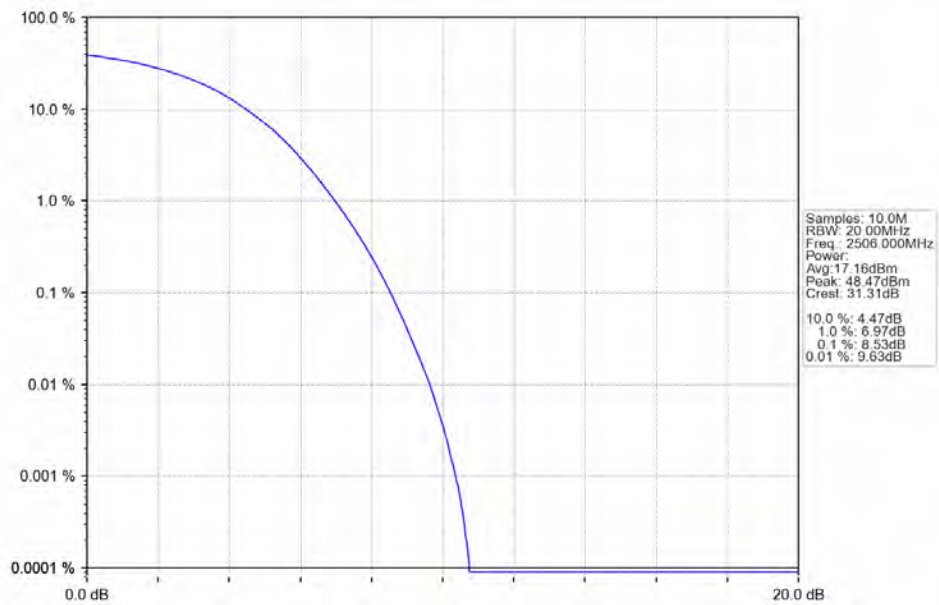
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



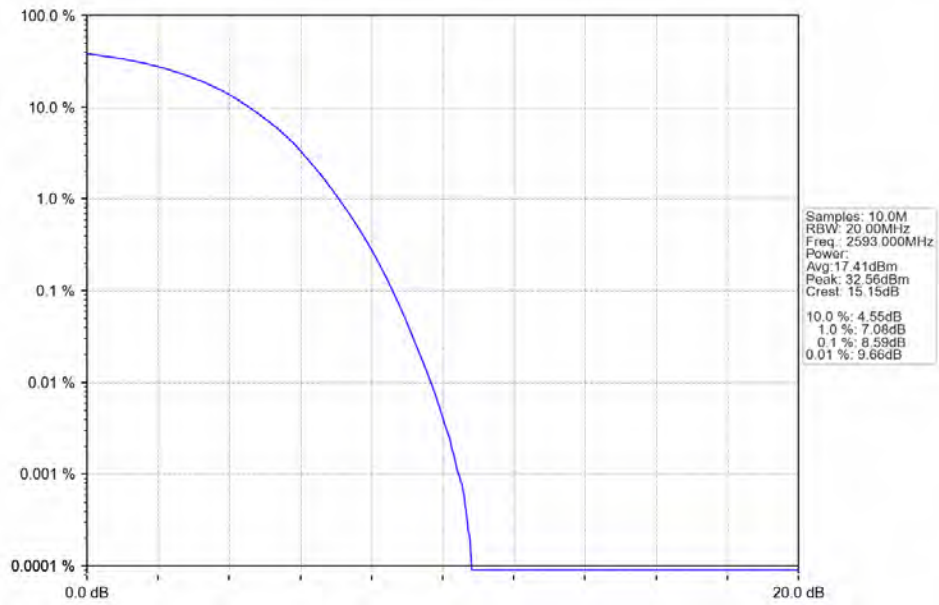
Band41 20MHz 64QAM HCH 2680MHz RB 100 0 NTNV



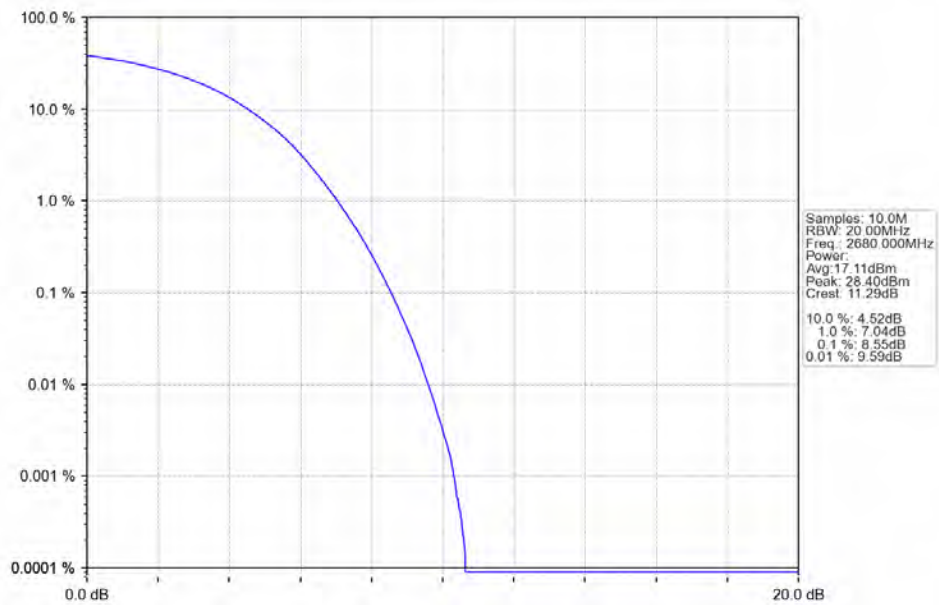
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTVN						
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
16QAM	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
64QAM	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
256QAM	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 / NTNV						
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
16QAM	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
64QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass

256QAM	2685	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2501	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2593	1	0	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
16QAM	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
64QAM	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
256QAM	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

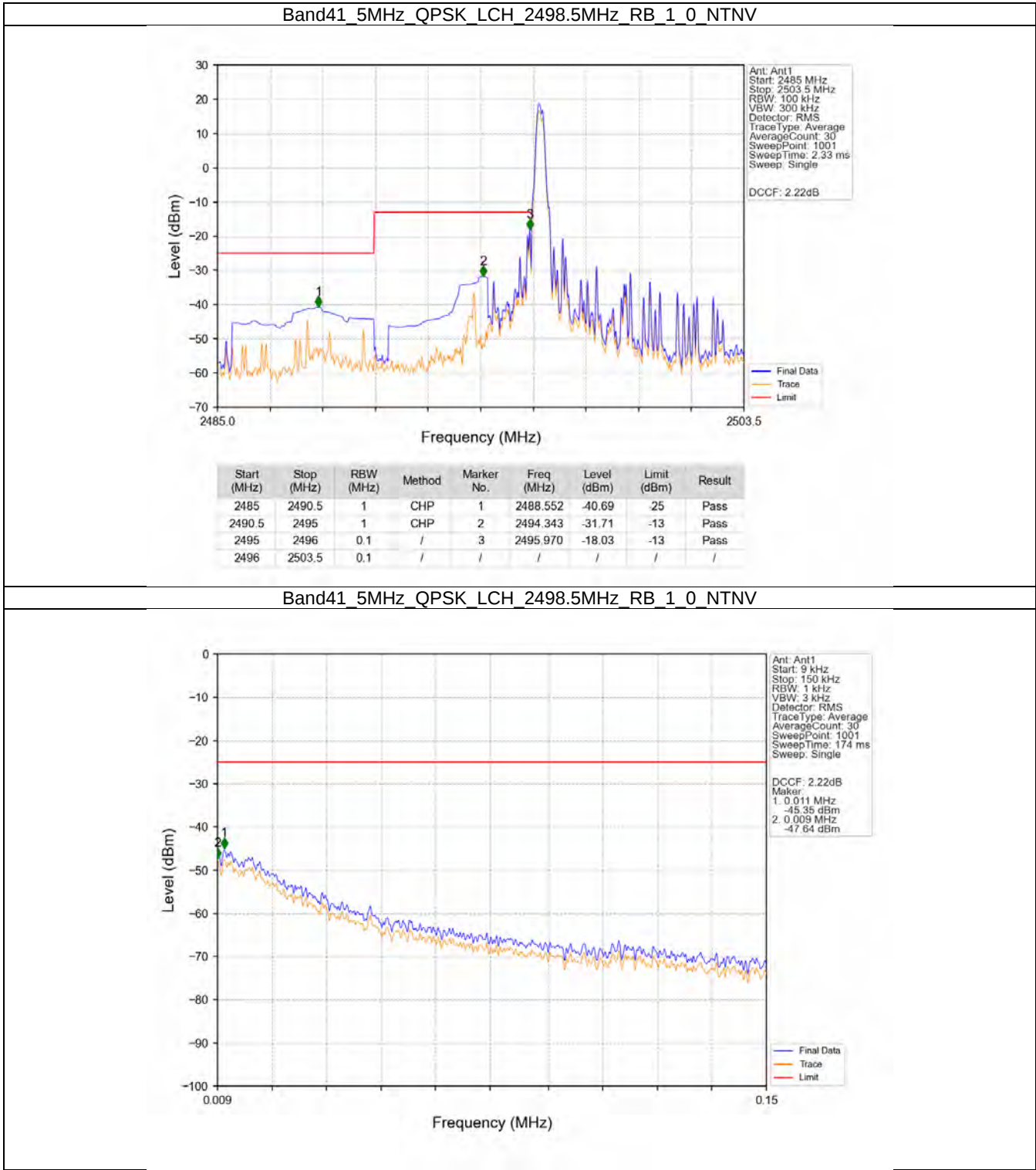
5.1.4 B41_20MHz

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
16QAM	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

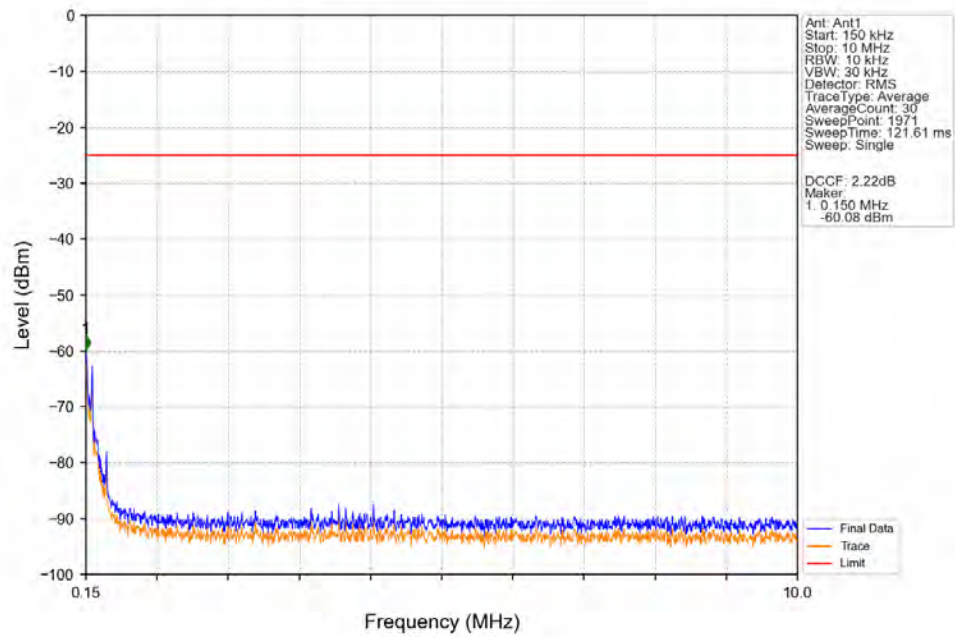
		100	0	Refer To Test Graph	Pass
64QAM	2506	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
256QAM	2506	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test 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

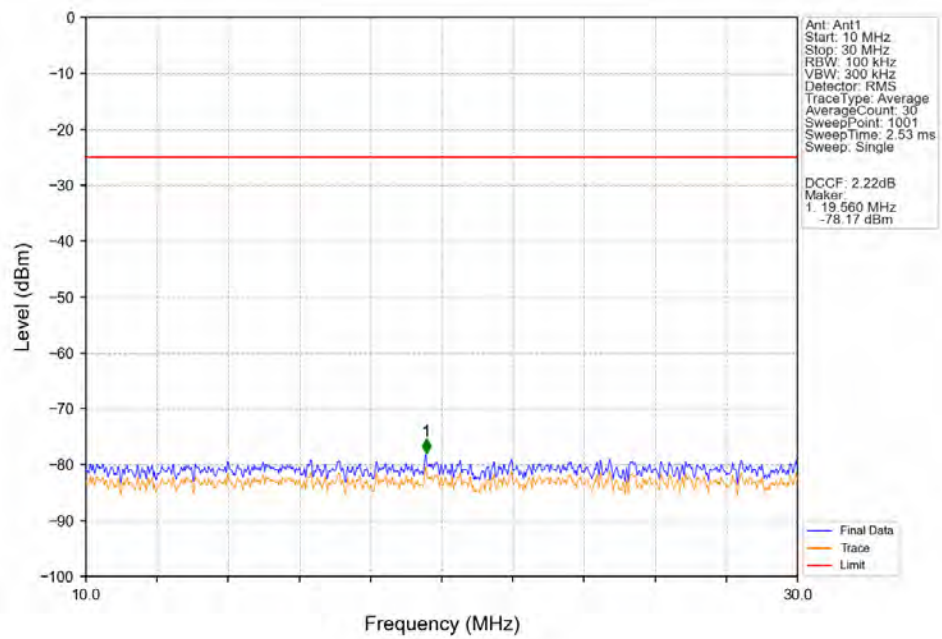
5.2.1 B41_5MHz



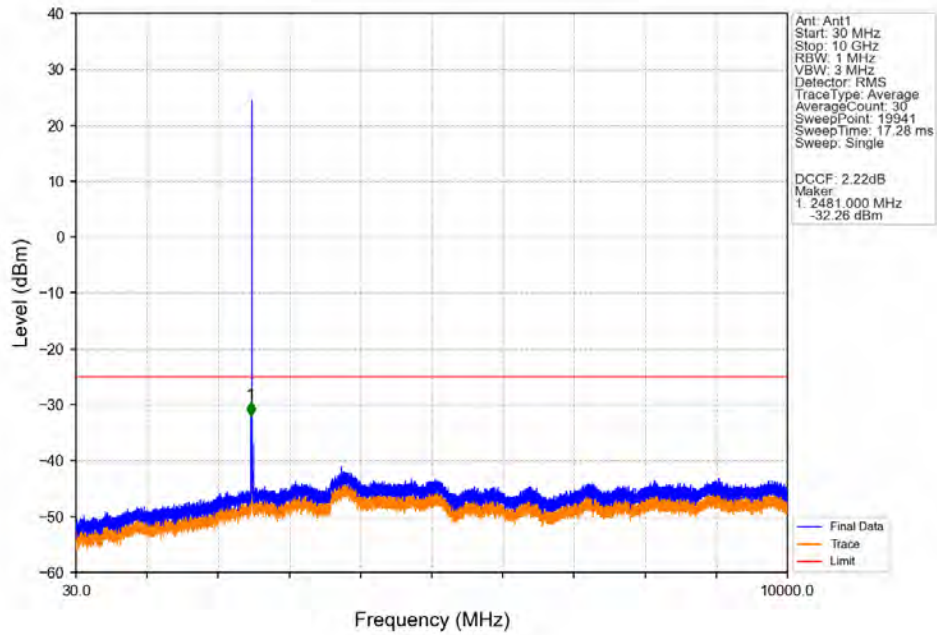
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



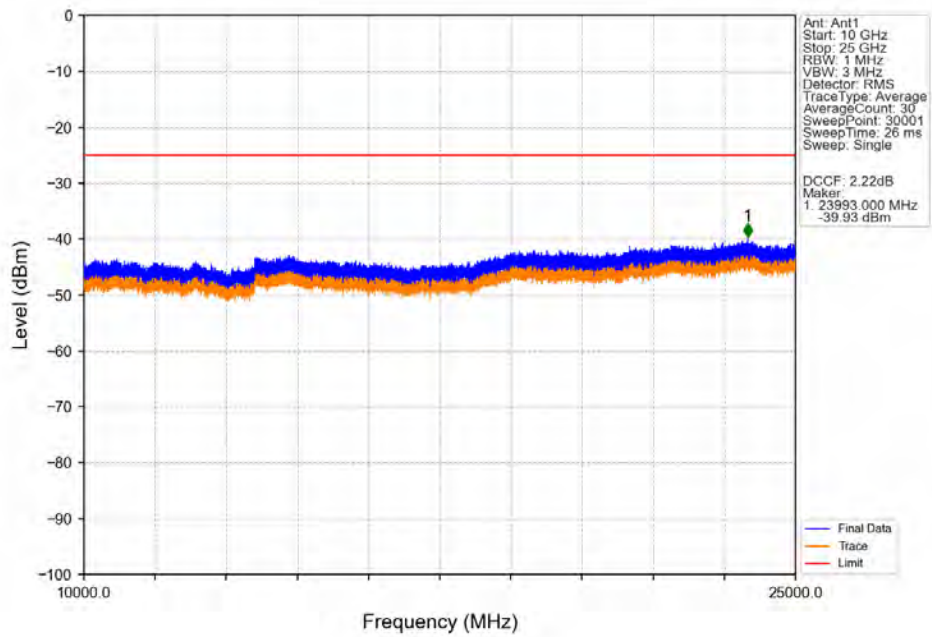
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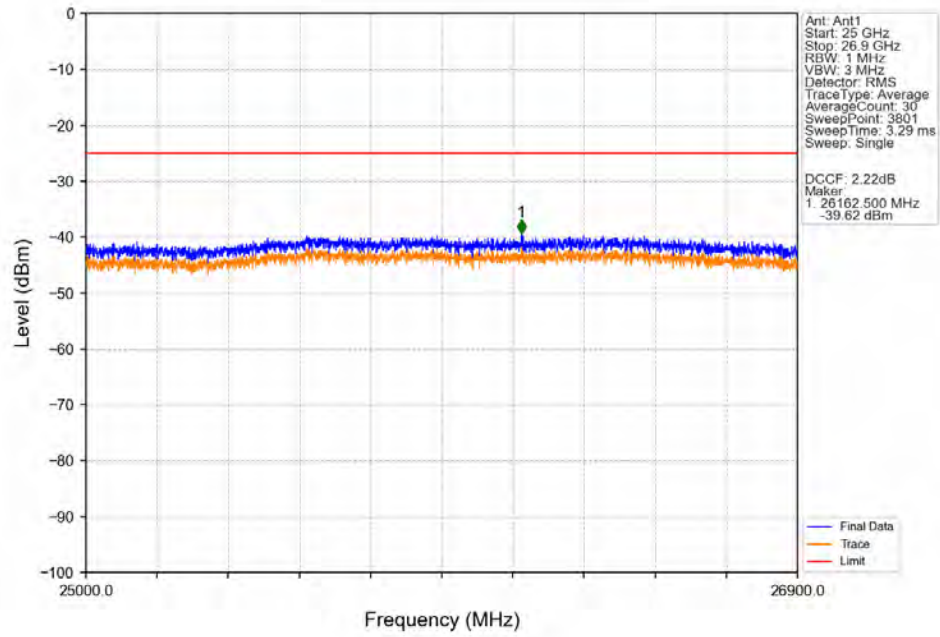
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



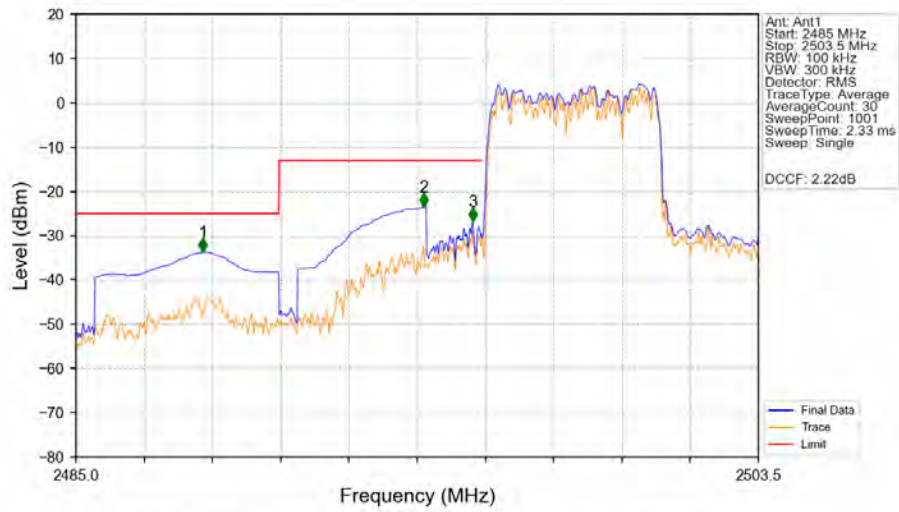
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

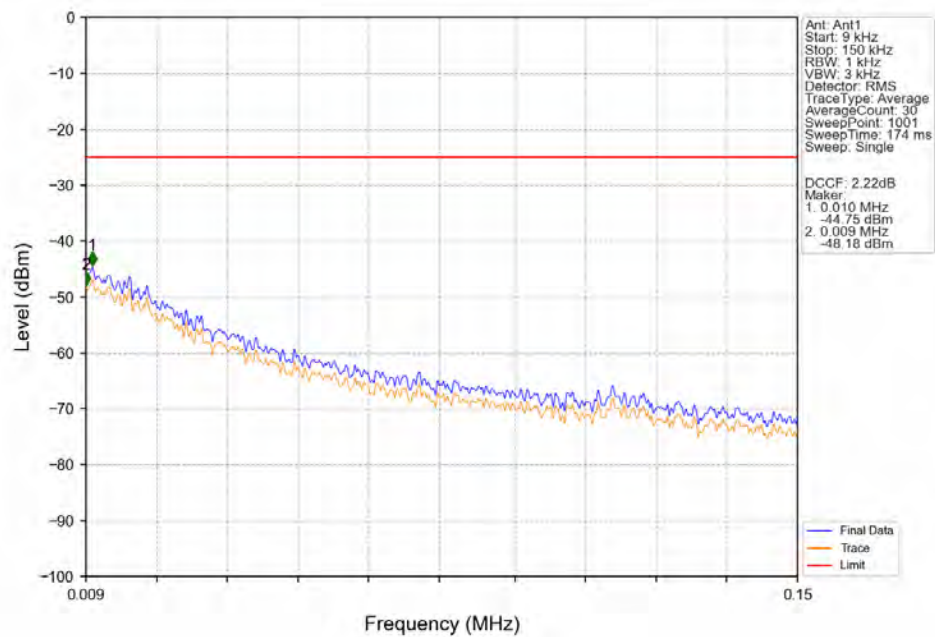


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

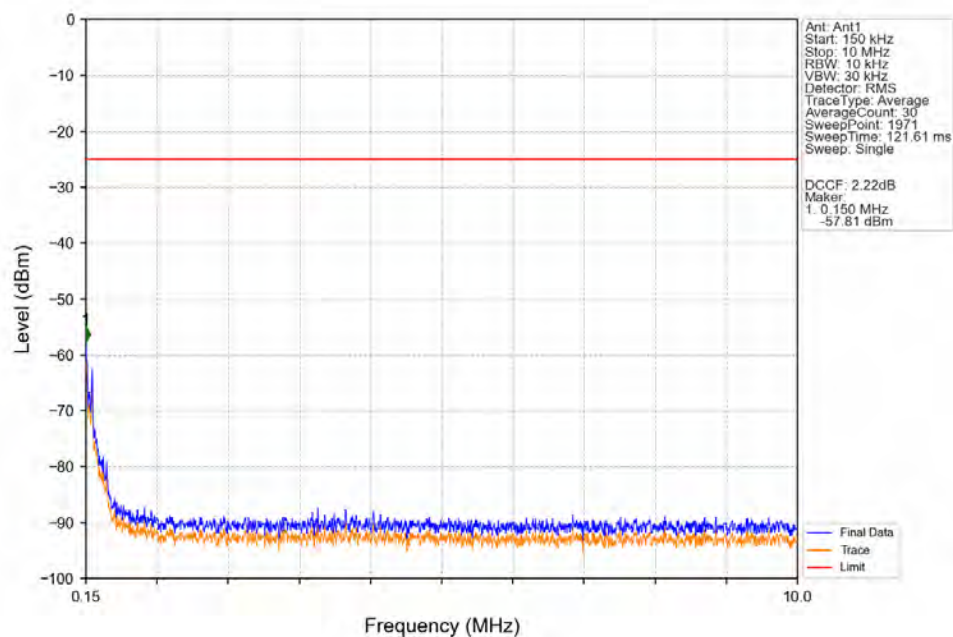


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.441	-33.68	25	Pass
2490.5	2495	1	CHP	2	2494.435	-23.49	-13	Pass
2495	2496	0.1	/	3	2495.749	-26.80	-13	Pass
2496	2503.5	0.109	CHP	/	/	/	/	/

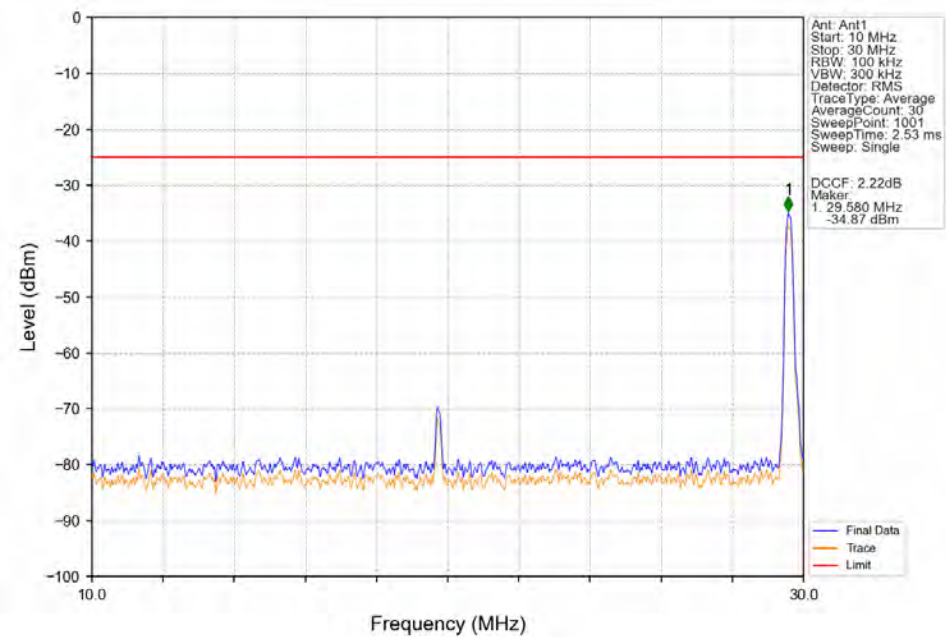
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



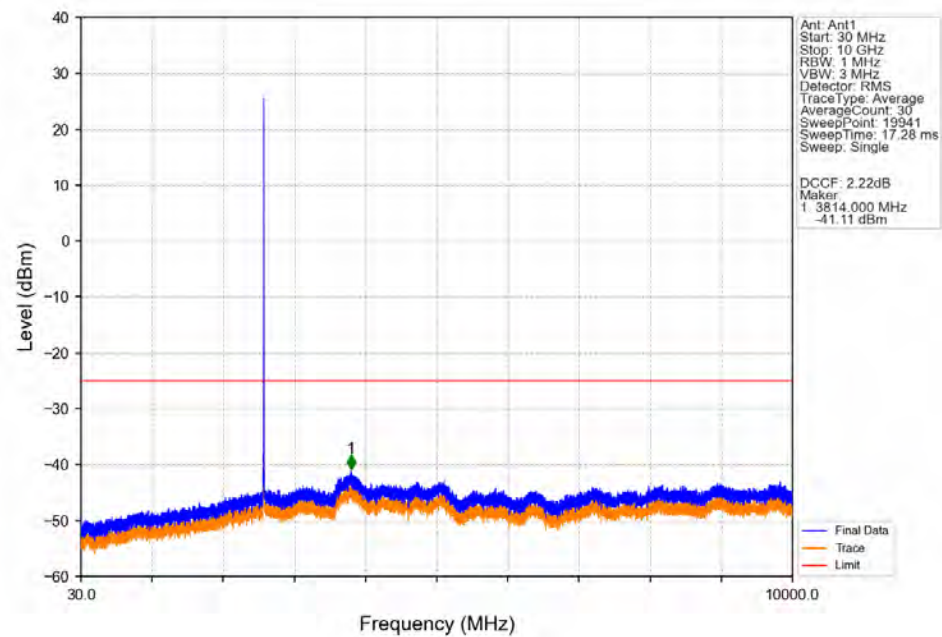
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



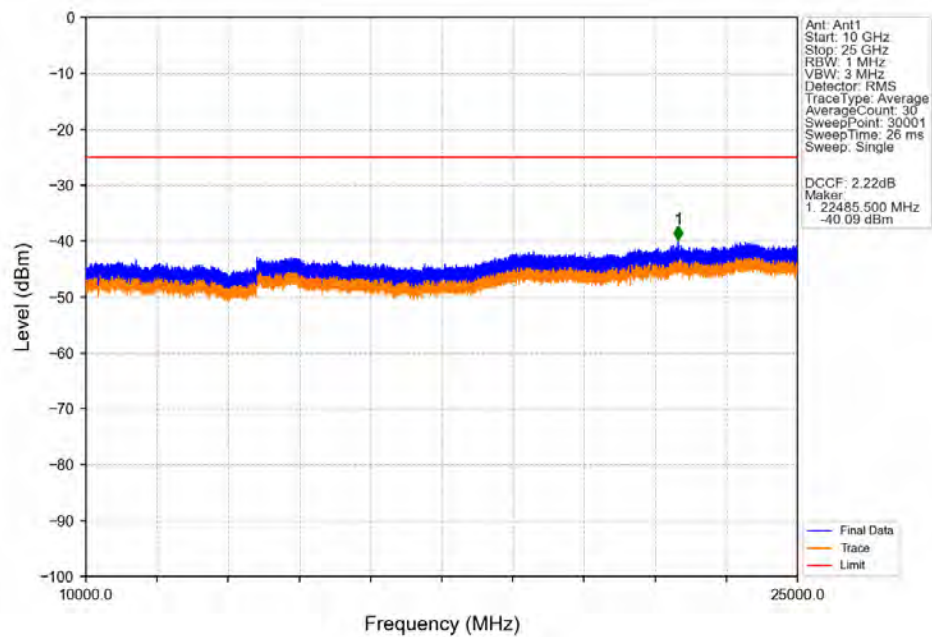
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



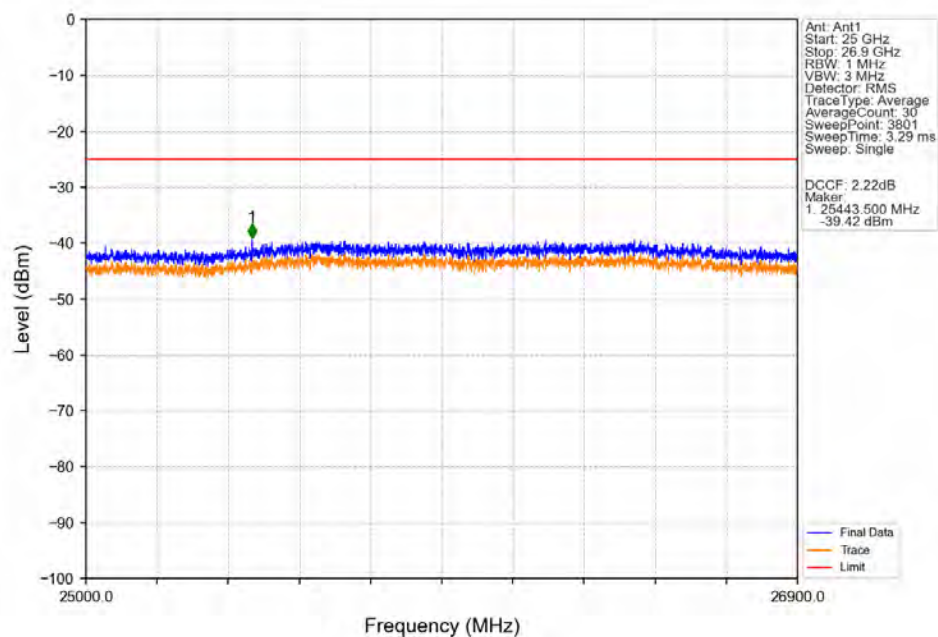
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



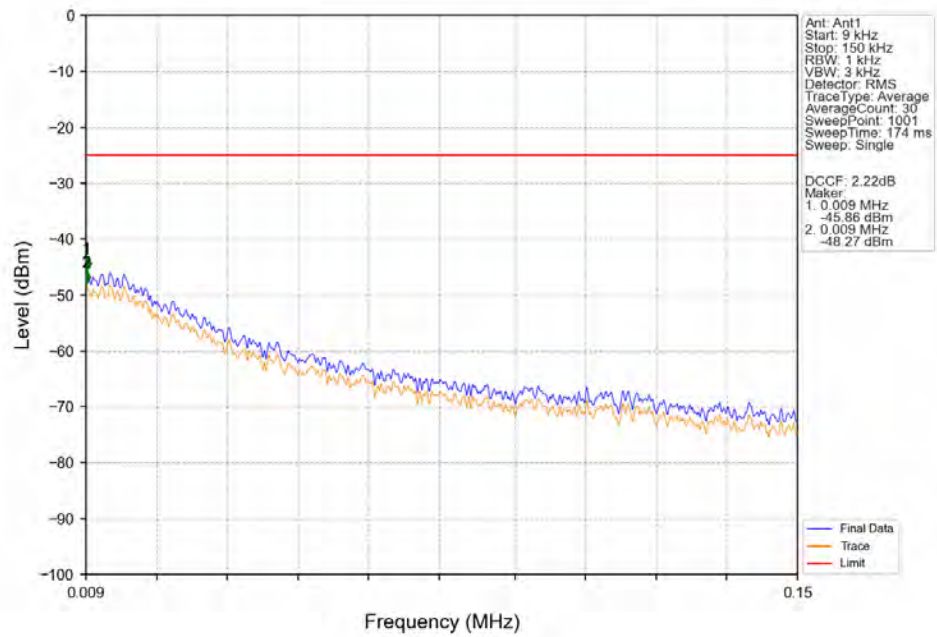
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



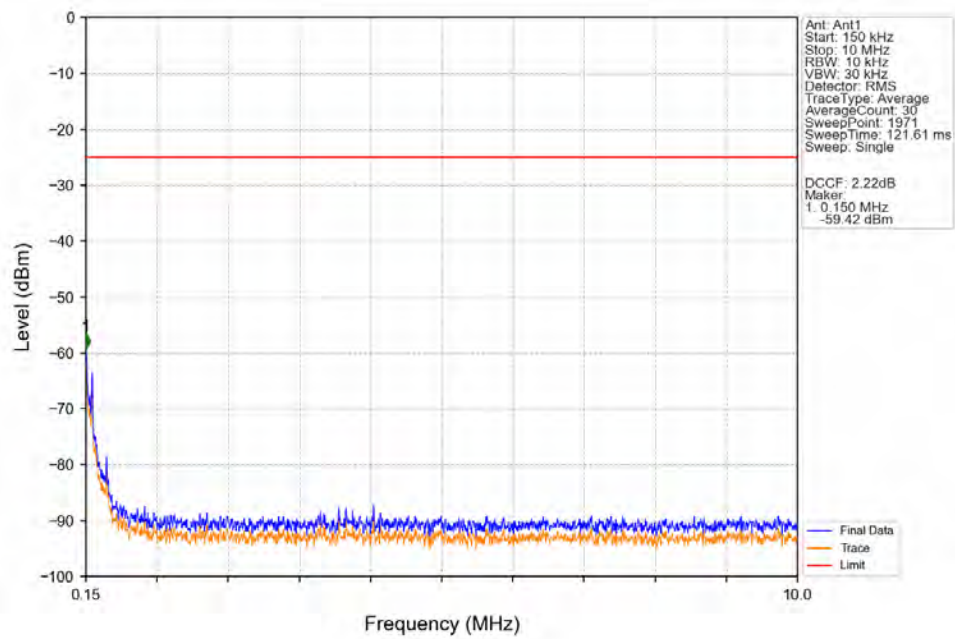
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



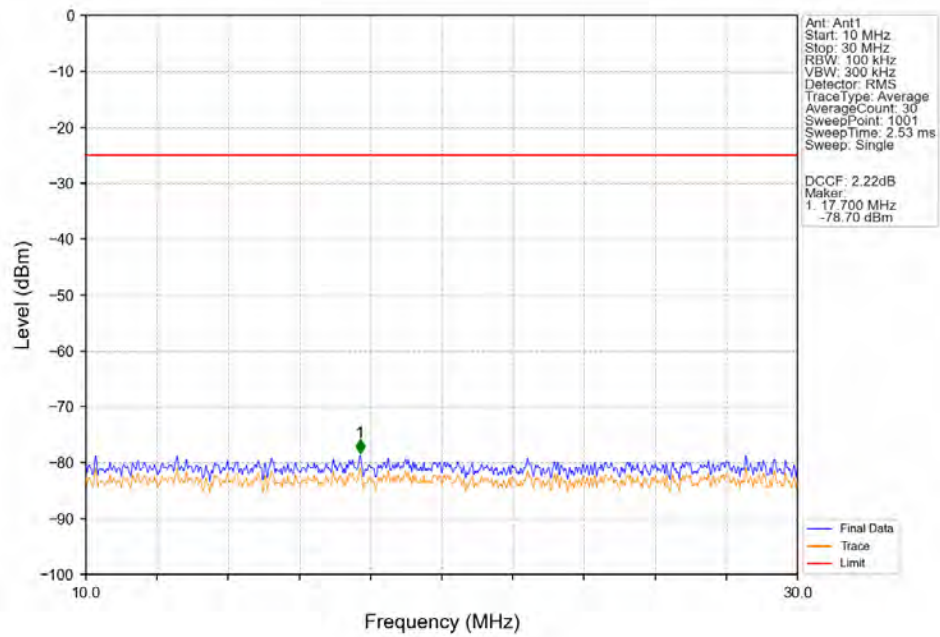
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



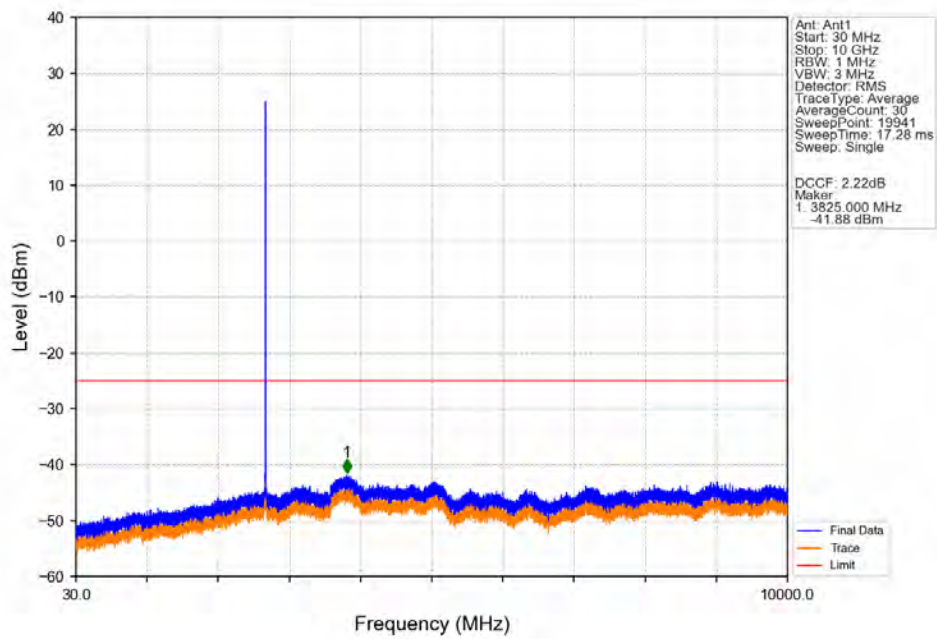
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



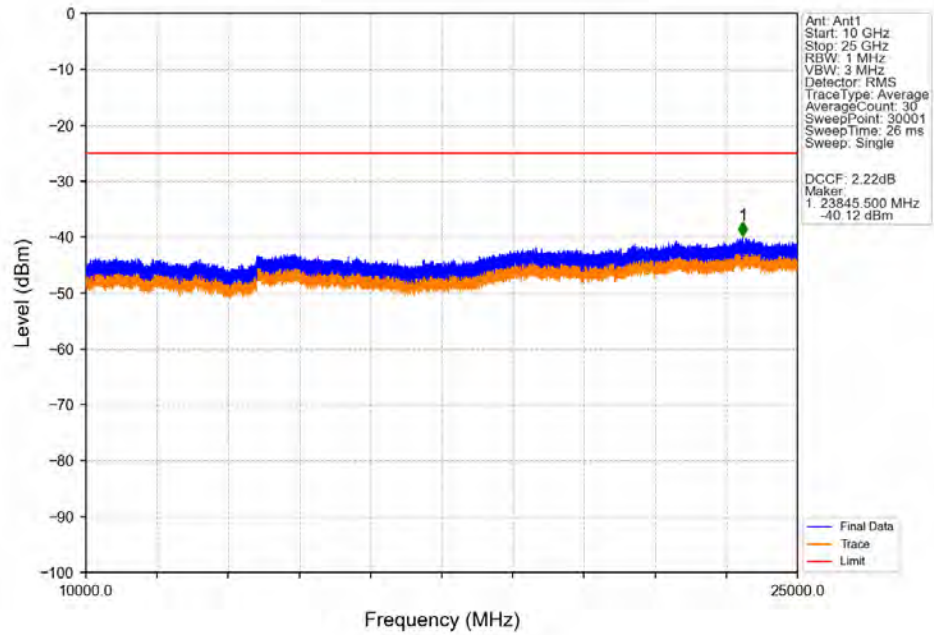
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



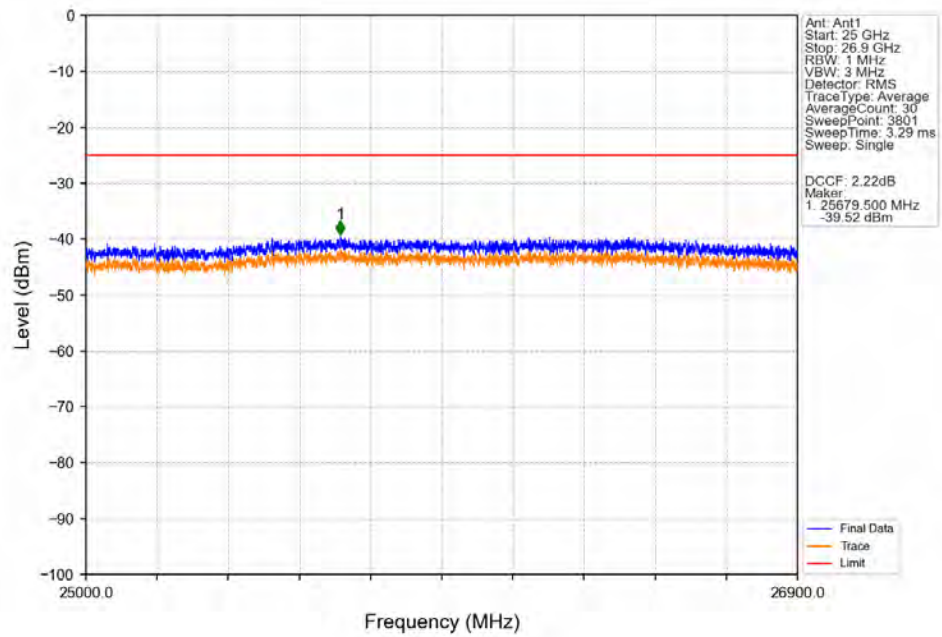
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



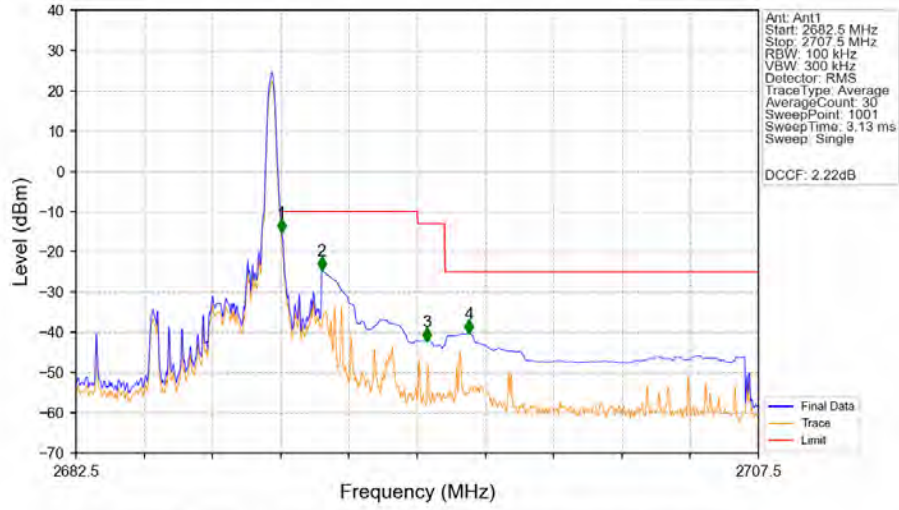
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

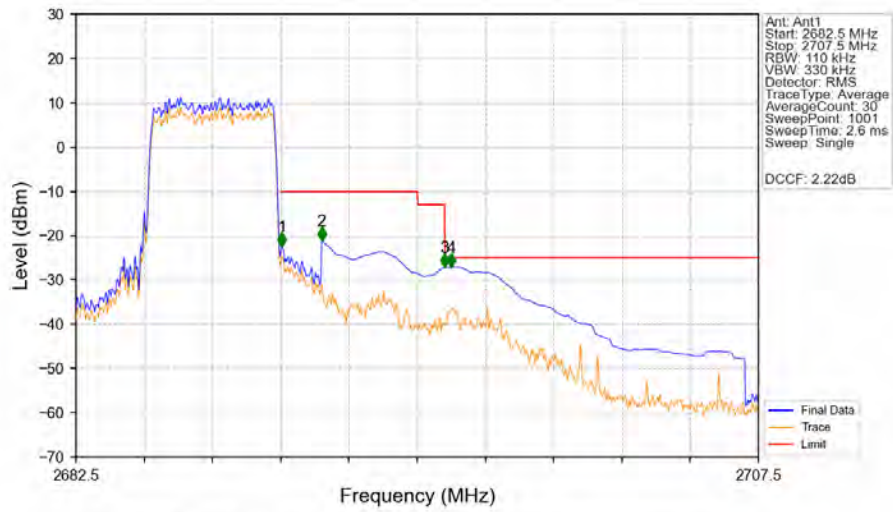


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTNV



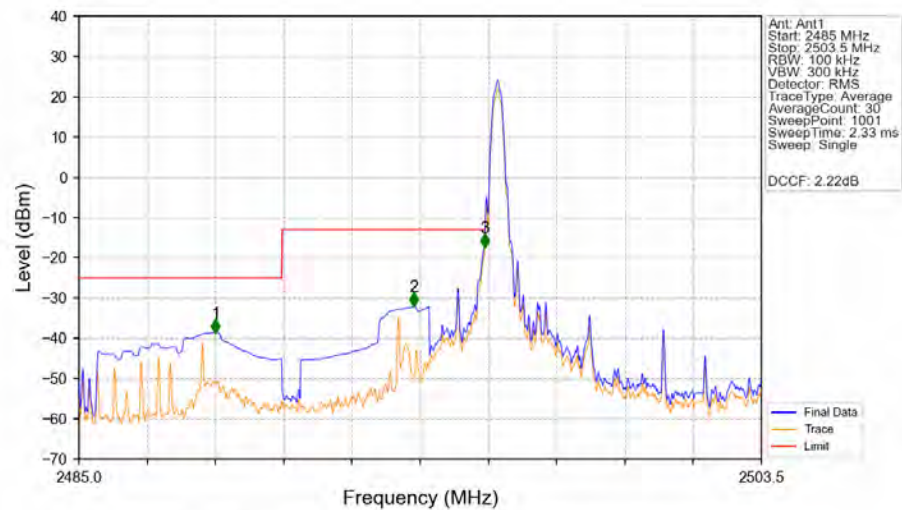
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-15.19	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.70	-10	Pass
2695	2696	1	CHP	3	2695.350	-42.21	-13	Pass
2696	2707.5	1	CHP	4	2696.900	-40.25	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



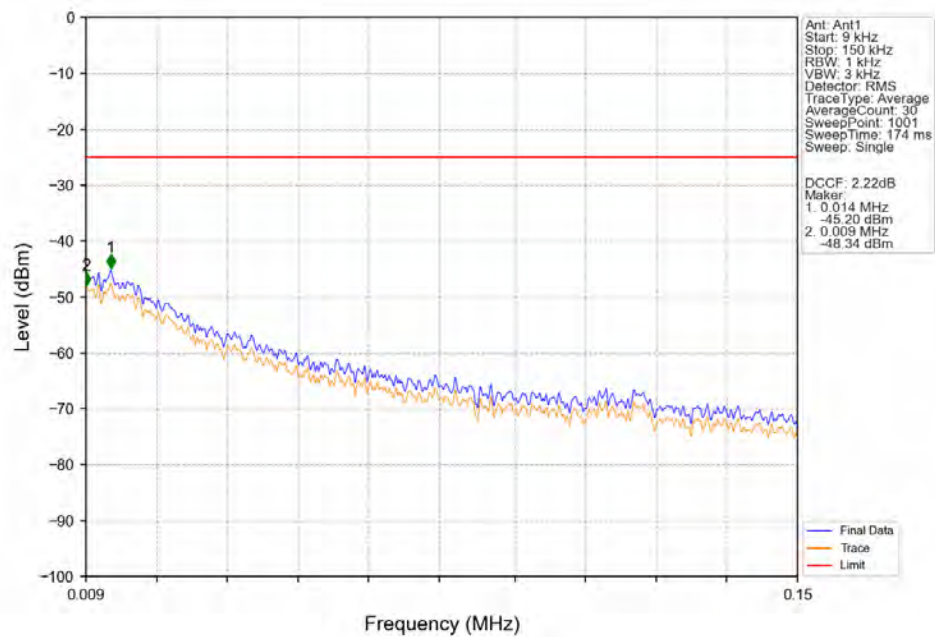
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.050	-22.45	-10	Pass
2691	2695	1	CHP	2	2691.500	-21.19	-10	Pass
2695	2696	1	CHP	3	2696.000	-27.17	-13	Pass
2696	2707.5	1	CHP	4	2696.250	-27.07	-25	Pass

Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV

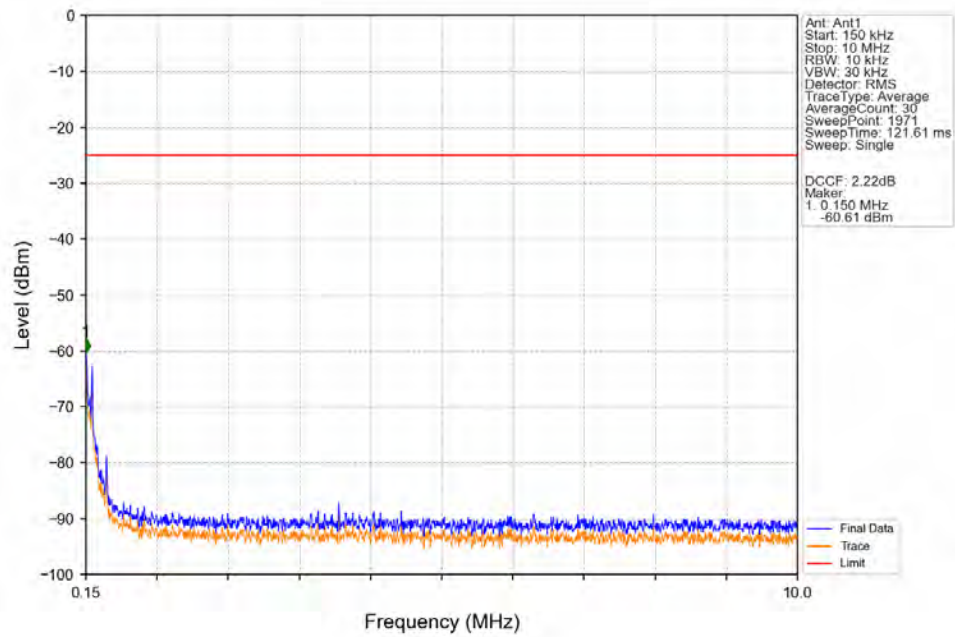


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.700	-38.60	-25	Pass
2490.5	2495	1	CHP	2	2494.084	-32.07	-13	Pass
2495	2496	0.1	/	3	2495.989	-17.45	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

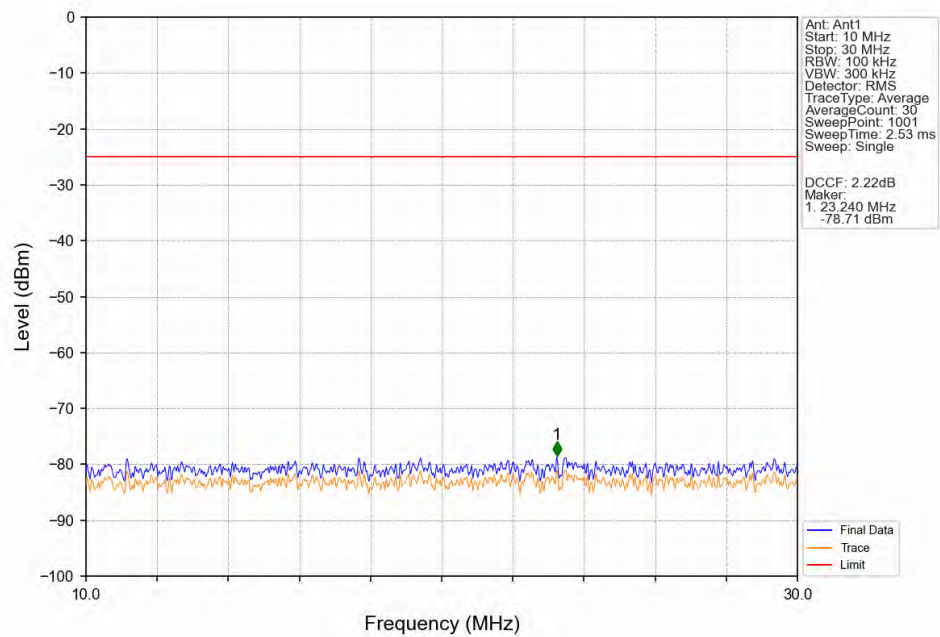
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



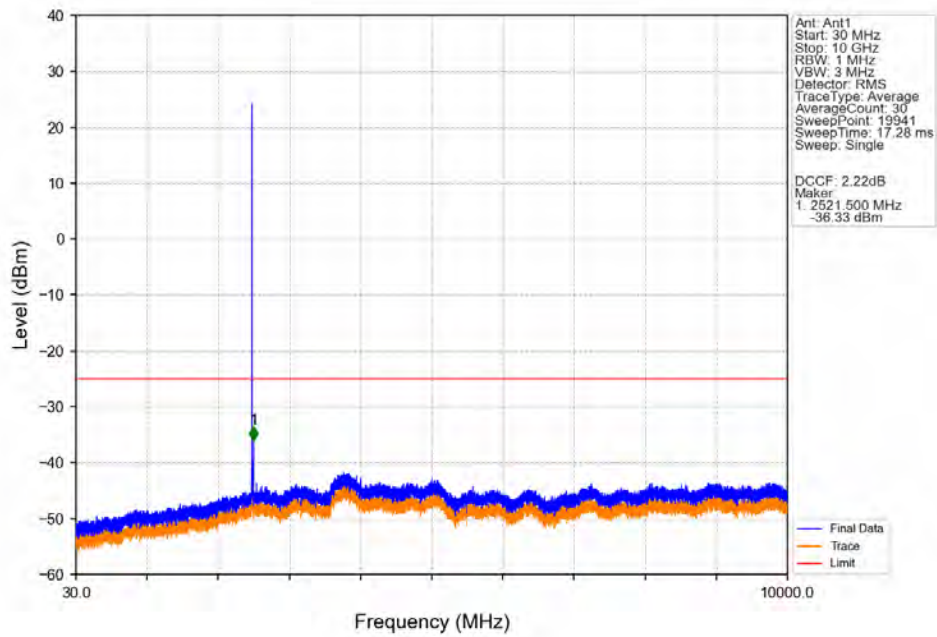
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



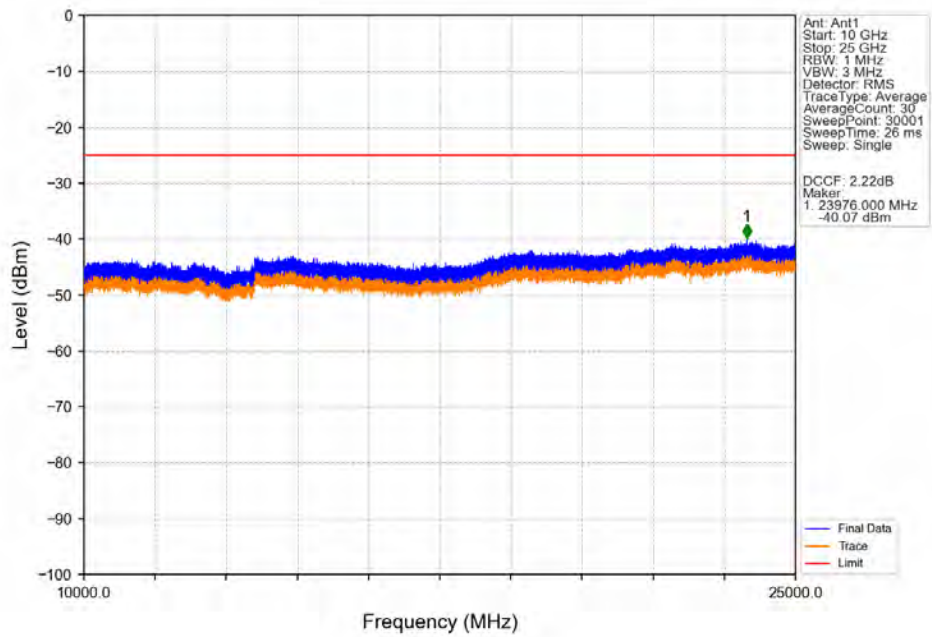
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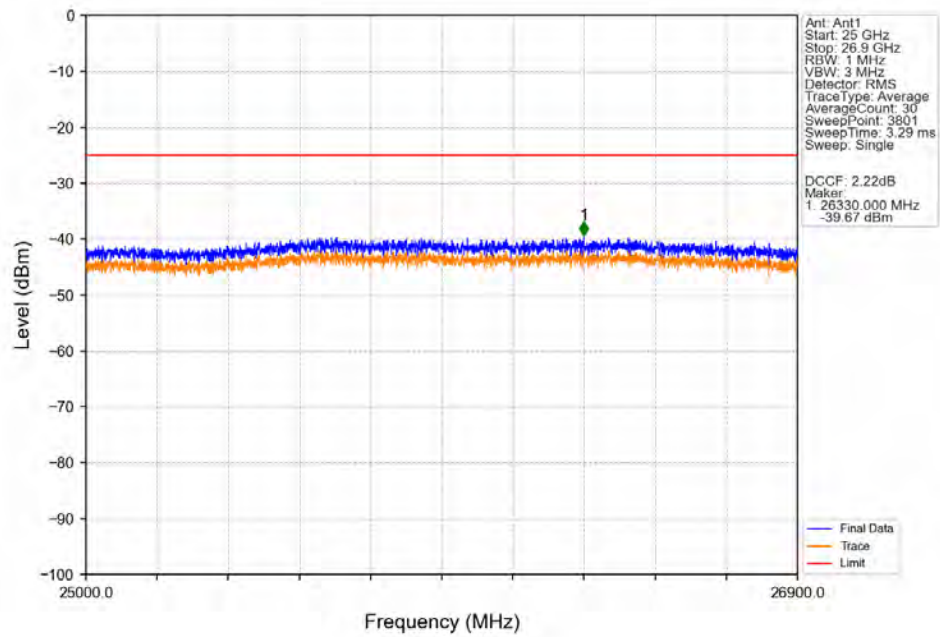
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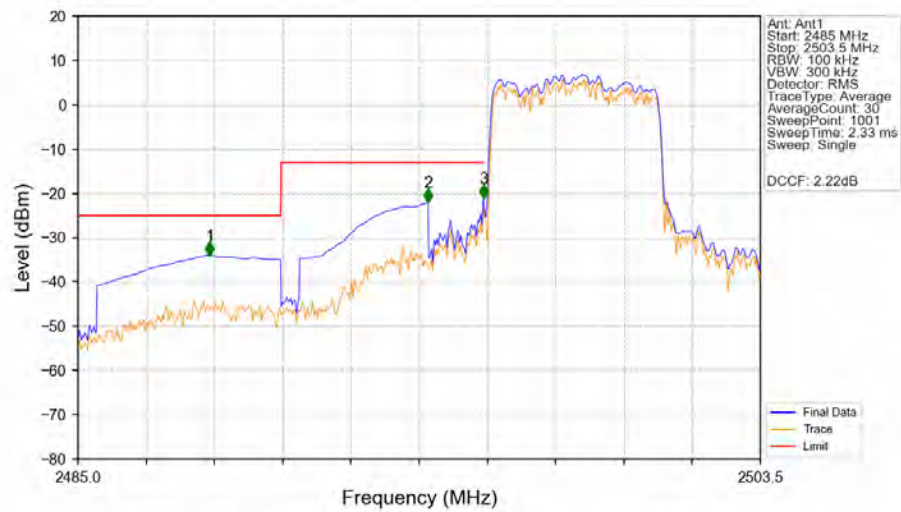
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Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV

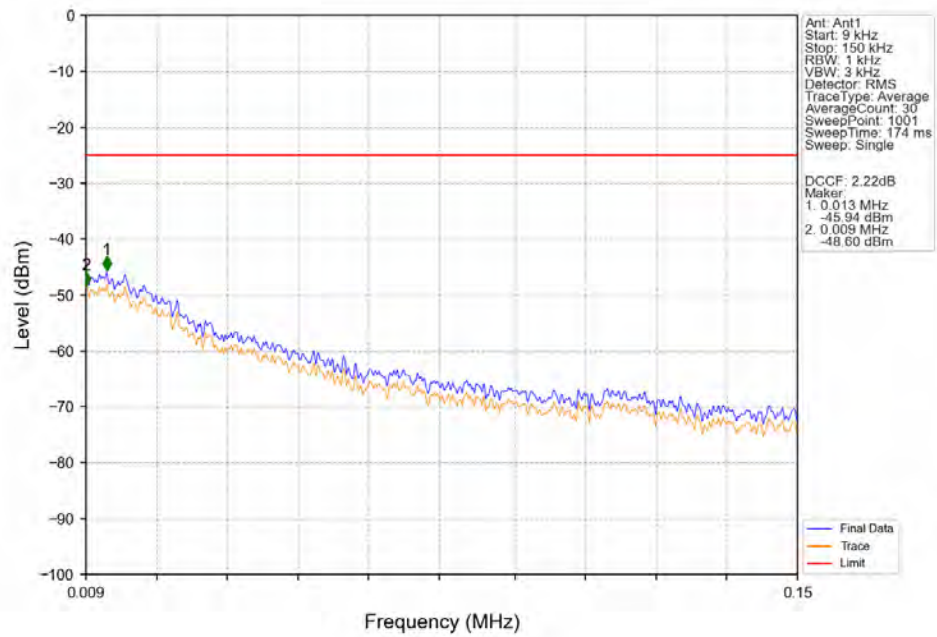


Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV

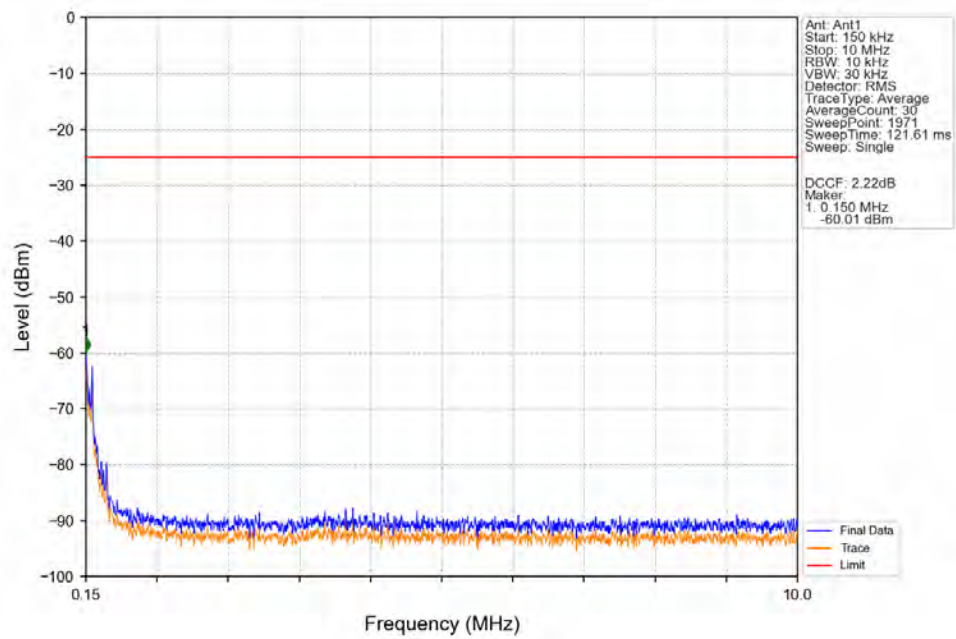


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.570	-33.97	25	Pass
2490.5	2495	1	CHP	2	2494.490	-22.07	-13	Pass
2495	2496	0.1	/	3	2495.989	-21.06	-13	Pass
2496	2503.5	0.105	CHP	/	/	/	/	/

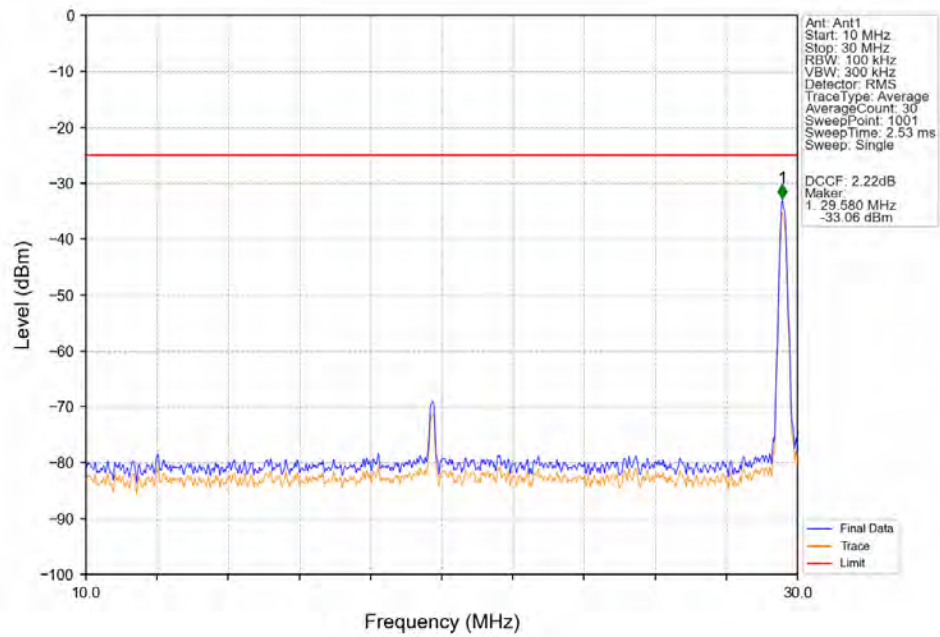
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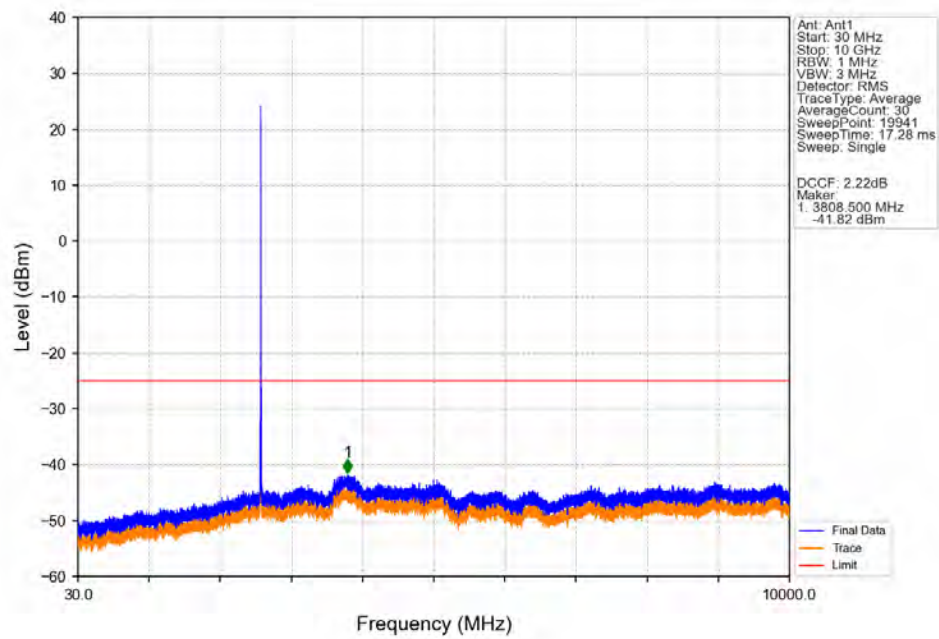
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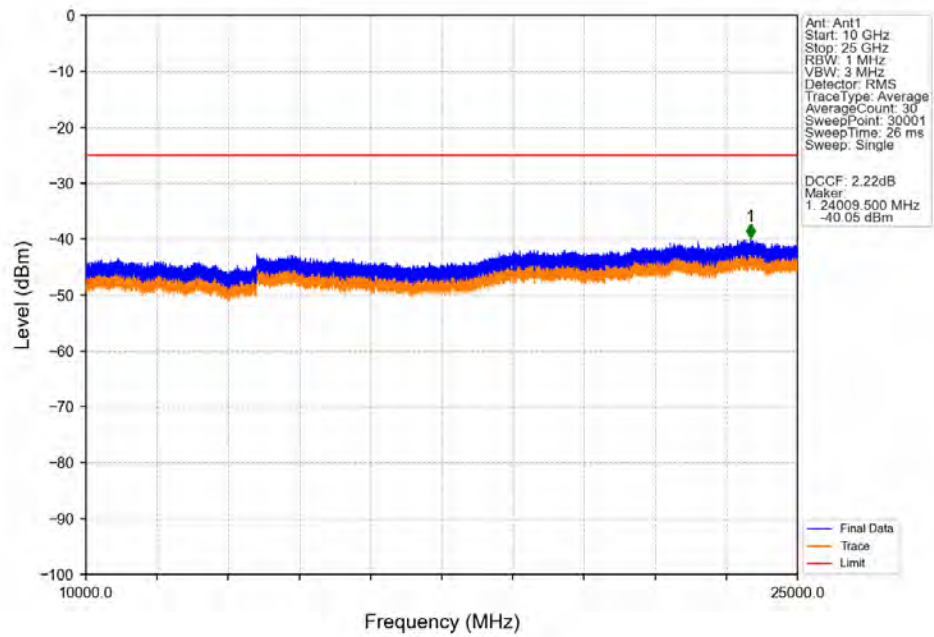
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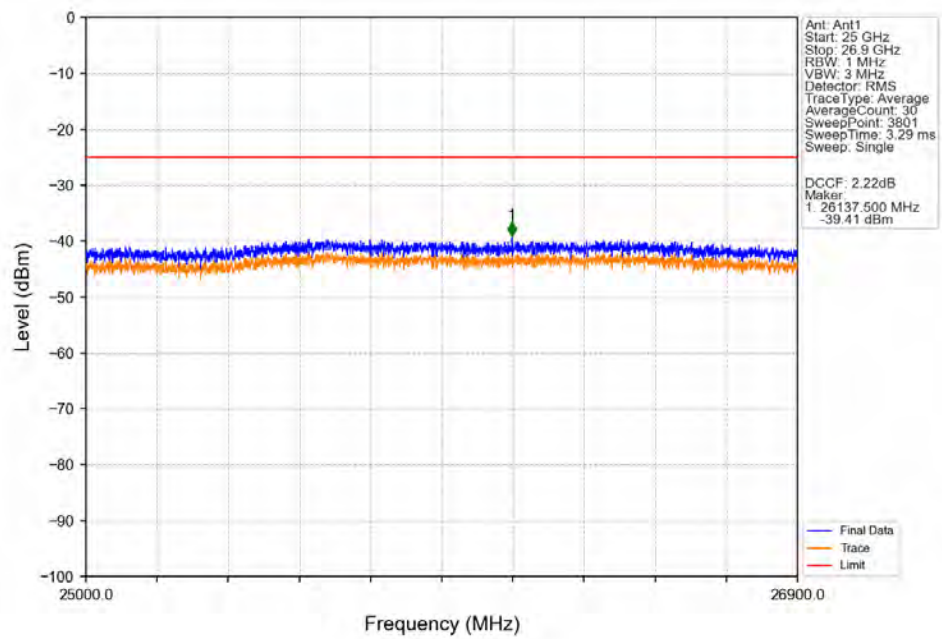
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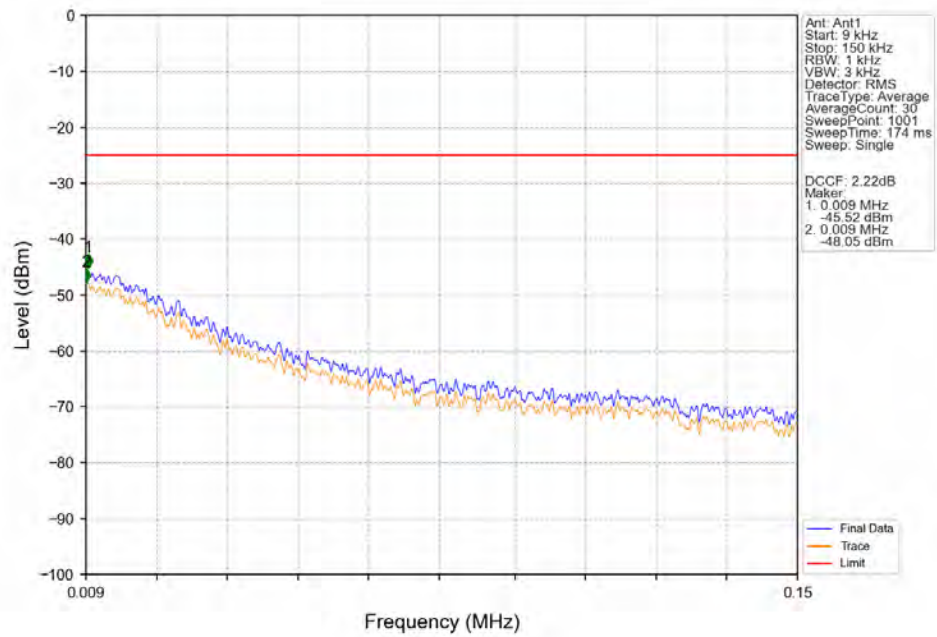
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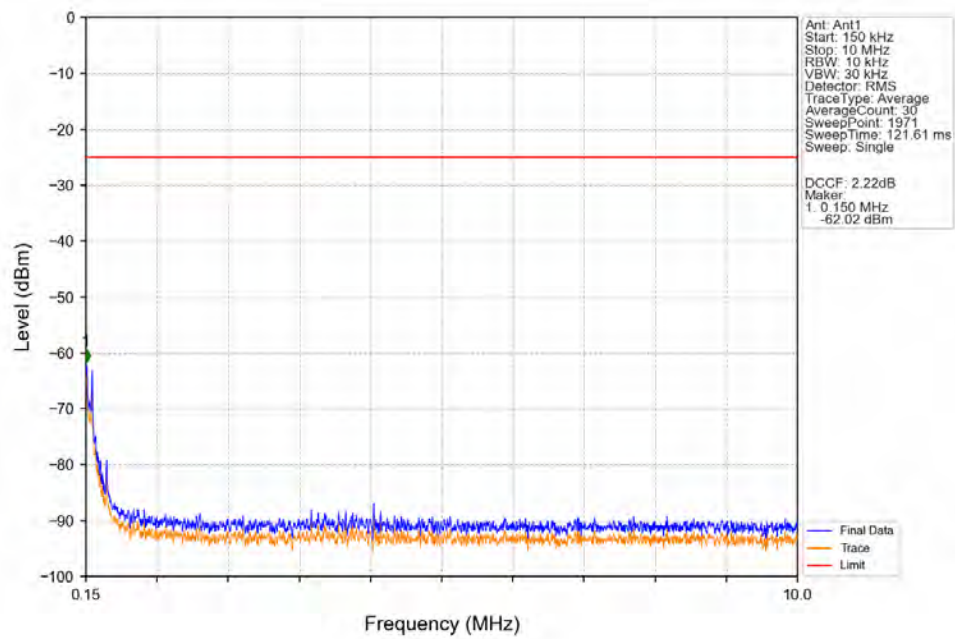
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



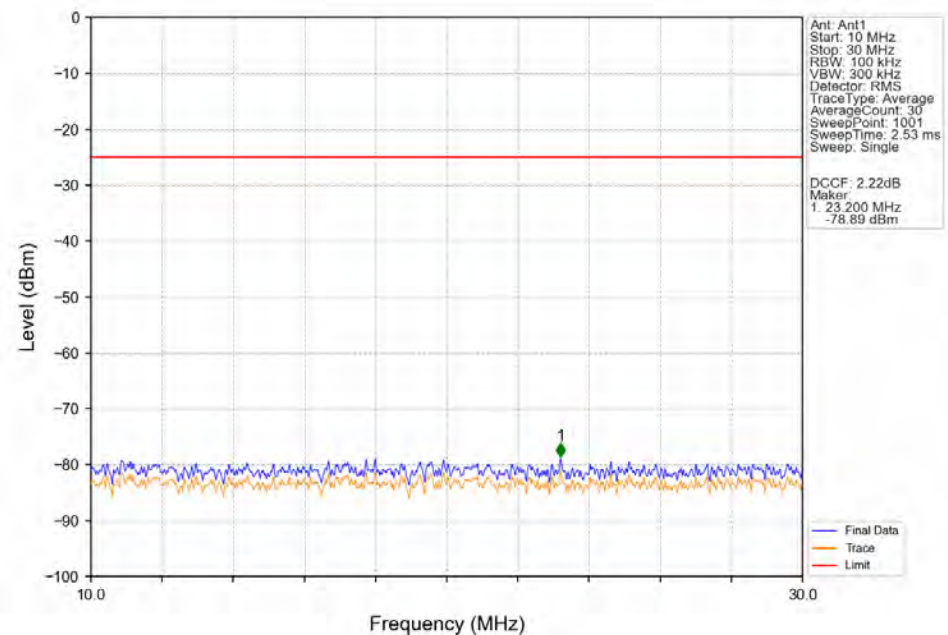
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



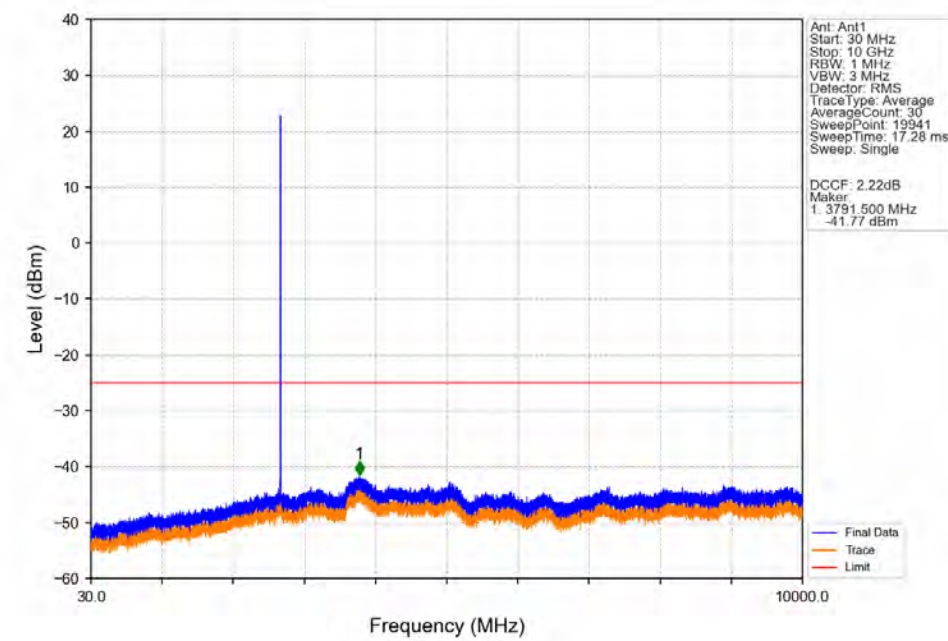
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



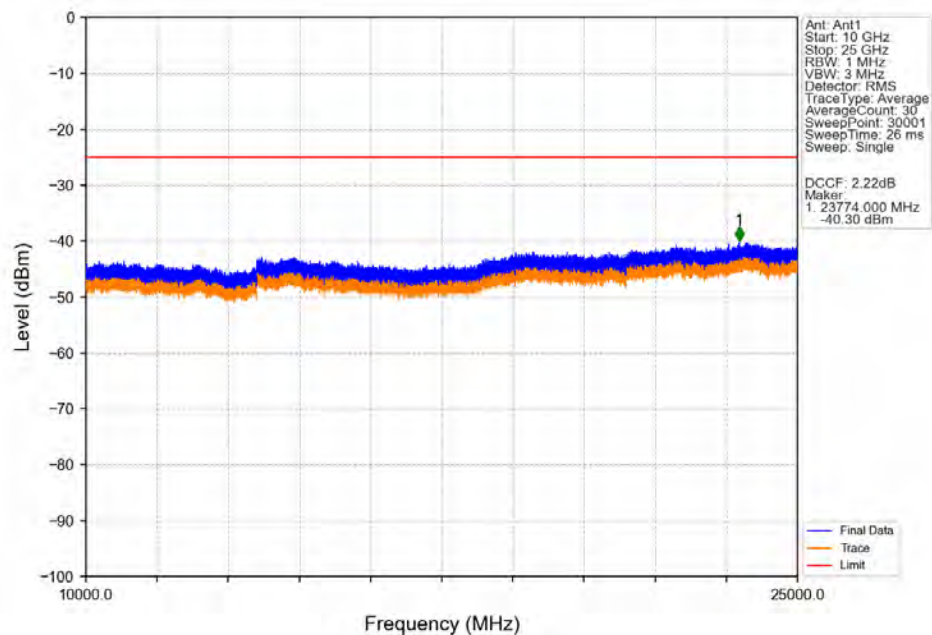
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV

