



Report No.: SEWM2311000456RG01

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Appendix B.16

LTE Band 41



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

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	21.95	1.70	23.65	<=33.01	Pass
			13	21.89	1.70	23.59	<=33.01	Pass
			24	21.94	1.70	23.64	<=33.01	Pass
		12	0	21.91	1.70	23.61	<=33.01	Pass
			6	21.88	1.70	23.58	<=33.01	Pass
			13	21.92	1.70	23.62	<=33.01	Pass
		25	0	21.95	1.70	23.65	<=33.01	Pass
	2593	1	0	21.85	1.70	23.55	<=33.01	Pass
			13	21.65	1.70	23.35	<=33.01	Pass
			24	21.79	1.70	23.49	<=33.01	Pass
		12	0	21.69	1.70	23.39	<=33.01	Pass
			6	21.70	1.70	23.40	<=33.01	Pass
			13	21.65	1.70	23.35	<=33.01	Pass
		25	0	21.74	1.70	23.44	<=33.01	Pass
	2687.5	1	0	21.65	1.70	23.35	<=33.01	Pass
			13	21.67	1.70	23.37	<=33.01	Pass
			24	21.74	1.70	23.44	<=33.01	Pass
		12	0	21.63	1.70	23.33	<=33.01	Pass
			6	21.69	1.70	23.39	<=33.01	Pass
			13	21.72	1.70	23.42	<=33.01	Pass
		25	0	21.74	1.70	23.44	<=33.01	Pass
16QAM	2498.5	1	0	22.26	1.70	23.96	<=33.01	Pass
			13	22.02	1.70	23.72	<=33.01	Pass
			24	21.83	1.70	23.53	<=33.01	Pass
		12	0	21.93	1.70	23.63	<=33.01	Pass
			6	22.05	1.70	23.75	<=33.01	Pass
			13	21.90	1.70	23.60	<=33.01	Pass
		25	0	21.98	1.70	23.68	<=33.01	Pass
	2593	1	0	22.11	1.70	23.81	<=33.01	Pass
			13	21.80	1.70	23.50	<=33.01	Pass
			24	21.83	1.70	23.53	<=33.01	Pass
		12	0	21.69	1.70	23.39	<=33.01	Pass
			6	21.66	1.70	23.36	<=33.01	Pass
			13	21.68	1.70	23.38	<=33.01	Pass
		25	0	21.65	1.70	23.35	<=33.01	Pass
	2687.5	1	0	21.64	1.70	23.34	<=33.01	Pass
			13	21.74	1.70	23.44	<=33.01	Pass
			24	21.77	1.70	23.47	<=33.01	Pass
		12	0	21.58	1.70	23.28	<=33.01	Pass



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			6	21.66	1.70	23.36	<=33.01	Pass		
			13	21.61	1.70	23.31	<=33.01	Pass		
		25	0	21.65	1.70	23.35	<=33.01	Pass		
64QAM	2498.5	1	0	23.14	1.70	24.84	<=33.01	Pass		
			13	23.47	1.70	25.17	<=33.01	Pass		
			24	23.16	1.70	24.86	<=33.01	Pass		
		12	0	23.46	1.70	25.16	<=33.01	Pass		
			6	23.24	1.70	24.94	<=33.01	Pass		
			13	23.25	1.70	24.95	<=33.01	Pass		
		25	0	23.14	1.70	24.84	<=33.01	Pass		
		2593	1	0	22.99	1.70	24.69	<=33.01	Pass	
				13	22.98	1.70	24.68	<=33.01	Pass	
	24			22.99	1.70	24.69	<=33.01	Pass		
	12		0	23.08	1.70	24.78	<=33.01	Pass		
			6	22.63	1.70	24.33	<=33.01	Pass		
			13	22.61	1.70	24.31	<=33.01	Pass		
	25		0	22.98	1.70	24.68	<=33.01	Pass		
	2687.5		1	0	22.70	1.70	24.40	<=33.01	Pass	
				13	23.14	1.70	24.84	<=33.01	Pass	
		24		23.24	1.70	24.94	<=33.01	Pass		
		12	0	21.92	1.70	23.62	<=33.01	Pass		
			6	21.98	1.70	23.68	<=33.01	Pass		
			13	22.11	1.70	23.81	<=33.01	Pass		
		25	0	22.01	1.70	23.71	<=33.01	Pass		
		256QAM	2498.5	1	0	20.15	1.70	21.85	<=33.01	Pass
					13	20.14	1.70	21.84	<=33.01	Pass
	24				20.05	1.70	21.75	<=33.01	Pass	
	12			0	20.24	1.70	21.94	<=33.01	Pass	
				6	20.19	1.70	21.89	<=33.01	Pass	
				13	20.18	1.70	21.88	<=33.01	Pass	
	25			0	20.20	1.70	21.90	<=33.01	Pass	
2593	1			0	20.03	1.70	21.73	<=33.01	Pass	
				13	19.99	1.70	21.69	<=33.01	Pass	
			24	20.01	1.70	21.71	<=33.01	Pass		
	12		0	19.87	1.70	21.57	<=33.01	Pass		
			6	19.85	1.70	21.55	<=33.01	Pass		
			13	19.81	1.70	21.51	<=33.01	Pass		
	25		0	19.84	1.70	21.54	<=33.01	Pass		
	2687.5		1	0	20.18	1.70	21.88	<=33.01	Pass	
				13	20.23	1.70	21.93	<=33.01	Pass	
24				20.39	1.70	22.09	<=33.01	Pass		
12			0	20.12	1.70	21.82	<=33.01	Pass		
			6	20.02	1.70	21.72	<=33.01	Pass		
			13	20.02	1.70	21.72	<=33.01	Pass		
25			0	20.08	1.70	21.78	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

Note1: EIRP=Conducted Power+Antenna Gain



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1.2 B41_10MHz_EIRP

1.2.1 Test Result

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	22.15	1.70	23.85	<=33.01	Pass
			25	21.98	1.70	23.68	<=33.01	Pass
			49	22.06	1.70	23.76	<=33.01	Pass
		25	0	22.00	1.70	23.70	<=33.01	Pass
			13	21.93	1.70	23.63	<=33.01	Pass
			25	22.02	1.70	23.72	<=33.01	Pass
		50	0	22.02	1.70	23.72	<=33.01	Pass
	2593	1	0	21.90	1.70	23.60	<=33.01	Pass
			25	21.72	1.70	23.42	<=33.01	Pass
			49	21.76	1.70	23.46	<=33.01	Pass
		25	0	21.75	1.70	23.45	<=33.01	Pass
			13	21.67	1.70	23.37	<=33.01	Pass
			25	21.67	1.70	23.37	<=33.01	Pass
		50	0	21.70	1.70	23.40	<=33.01	Pass
	2685	1	0	21.77	1.70	23.47	<=33.01	Pass
			25	21.66	1.70	23.36	<=33.01	Pass
			49	21.79	1.70	23.49	<=33.01	Pass
		25	0	21.64	1.70	23.34	<=33.01	Pass
			13	21.54	1.70	23.24	<=33.01	Pass
			25	21.55	1.70	23.25	<=33.01	Pass
		50	0	21.61	1.70	23.31	<=33.01	Pass
16QAM	2501	1	0	22.24	1.70	23.94	<=33.01	Pass
			25	22.07	1.70	23.77	<=33.01	Pass
			49	21.95	1.70	23.65	<=33.01	Pass
		25	0	22.02	1.70	23.72	<=33.01	Pass
			13	21.96	1.70	23.66	<=33.01	Pass
			25	22.02	1.70	23.72	<=33.01	Pass
		50	0	22.00	1.70	23.70	<=33.01	Pass
	2593	1	0	21.63	1.70	23.33	<=33.01	Pass
			25	21.65	1.70	23.35	<=33.01	Pass
			49	21.60	1.70	23.30	<=33.01	Pass
		25	0	21.71	1.70	23.41	<=33.01	Pass
			13	21.67	1.70	23.37	<=33.01	Pass
			25	21.67	1.70	23.37	<=33.01	Pass
		50	0	21.70	1.70	23.40	<=33.01	Pass
	2685	1	0	21.66	1.70	23.36	<=33.01	Pass
			25	21.57	1.70	23.27	<=33.01	Pass
			49	21.70	1.70	23.40	<=33.01	Pass
		25	0	21.68	1.70	23.38	<=33.01	Pass
			13	21.49	1.70	23.19	<=33.01	Pass
			25	21.71	1.70	23.41	<=33.01	Pass



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		50	0	21.68	1.70	23.38	<=33.01	Pass
64QAM	2501	1	0	23.58	1.70	25.28	<=33.01	Pass
			25	22.89	1.70	24.59	<=33.01	Pass
			49	23.03	1.70	24.73	<=33.01	Pass
			0	22.19	1.70	23.89	<=33.01	Pass
		25	13	22.10	1.70	23.80	<=33.01	Pass
			25	22.17	1.70	23.87	<=33.01	Pass
		50	0	22.12	1.70	23.82	<=33.01	Pass
	2593	1	0	22.50	1.70	24.20	<=33.01	Pass
			25	22.74	1.70	24.44	<=33.01	Pass
			49	23.06	1.70	24.76	<=33.01	Pass
			0	23.06	1.70	24.76	<=33.01	Pass
		25	13	22.73	1.70	24.43	<=33.01	Pass
			25	22.73	1.70	24.43	<=33.01	Pass
		50	0	23.01	1.70	24.71	<=33.01	Pass
	2685	1	0	22.76	1.70	24.46	<=33.01	Pass
			25	22.71	1.70	24.41	<=33.01	Pass
			49	23.38	1.70	25.08	<=33.01	Pass
			0	21.98	1.70	23.68	<=33.01	Pass
		25	13	21.89	1.70	23.59	<=33.01	Pass
			25	21.93	1.70	23.63	<=33.01	Pass
		50	0	21.86	1.70	23.56	<=33.01	Pass
256QAM	2501	1	0	20.07	1.70	21.77	<=33.01	Pass
			25	19.95	1.70	21.65	<=33.01	Pass
			49	20.46	1.70	22.16	<=33.01	Pass
			0	20.05	1.70	21.75	<=33.01	Pass
		25	13	20.07	1.70	21.77	<=33.01	Pass
			25	20.20	1.70	21.90	<=33.01	Pass
		50	0	20.21	1.70	21.91	<=33.01	Pass
	2593	1	0	19.56	1.70	21.26	<=33.01	Pass
			25	19.54	1.70	21.24	<=33.01	Pass
			49	19.69	1.70	21.39	<=33.01	Pass
			0	19.81	1.70	21.51	<=33.01	Pass
		25	13	19.82	1.70	21.52	<=33.01	Pass
			25	19.83	1.70	21.53	<=33.01	Pass
		50	0	19.79	1.70	21.49	<=33.01	Pass
	2685	1	0	20.22	1.70	21.92	<=33.01	Pass
			25	20.02	1.70	21.72	<=33.01	Pass
			49	20.29	1.70	21.99	<=33.01	Pass
			0	19.88	1.70	21.58	<=33.01	Pass
		25	13	19.95	1.70	21.65	<=33.01	Pass
			25	20.00	1.70	21.70	<=33.01	Pass
		50	0	20.02	1.70	21.72	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.3 B41_15MHz_EIRP

1.3.1 Test Result

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	22.04	1.70	23.74	<=33.01	Pass
			38	22.05	1.70	23.75	<=33.01	Pass
			74	22.02	1.70	23.72	<=33.01	Pass
		36	0	22.04	1.70	23.74	<=33.01	Pass
			18	21.95	1.70	23.65	<=33.01	Pass
			39	22.02	1.70	23.72	<=33.01	Pass
		75	0	21.98	1.70	23.68	<=33.01	Pass
	2593	1	0	21.89	1.70	23.59	<=33.01	Pass
			38	21.82	1.70	23.52	<=33.01	Pass
			74	21.71	1.70	23.41	<=33.01	Pass
		36	0	21.75	1.70	23.45	<=33.01	Pass
			18	21.70	1.70	23.40	<=33.01	Pass
			39	21.67	1.70	23.37	<=33.01	Pass
		75	0	21.72	1.70	23.42	<=33.01	Pass
	2682.5	1	0	21.65	1.70	23.35	<=33.01	Pass
			38	21.63	1.70	23.33	<=33.01	Pass
			74	21.78	1.70	23.48	<=33.01	Pass
		36	0	21.66	1.70	23.36	<=33.01	Pass
			18	21.61	1.70	23.31	<=33.01	Pass
			39	21.67	1.70	23.37	<=33.01	Pass
		75	0	21.65	1.70	23.35	<=33.01	Pass
16QAM	2503.5	1	0	22.24	1.70	23.94	<=33.01	Pass
			38	22.19	1.70	23.89	<=33.01	Pass
			74	21.89	1.70	23.59	<=33.01	Pass
		36	0	22.01	1.70	23.71	<=33.01	Pass
			18	21.97	1.70	23.67	<=33.01	Pass
			39	22.02	1.70	23.72	<=33.01	Pass
		75	0	22.03	1.70	23.73	<=33.01	Pass
	2593	1	0	21.74	1.70	23.44	<=33.01	Pass
			38	21.66	1.70	23.36	<=33.01	Pass
			74	21.64	1.70	23.34	<=33.01	Pass
		36	0	21.74	1.70	23.44	<=33.01	Pass
			18	21.68	1.70	23.38	<=33.01	Pass
			39	21.63	1.70	23.33	<=33.01	Pass
		75	0	21.74	1.70	23.44	<=33.01	Pass
	2682.5	1	0	21.62	1.70	23.32	<=33.01	Pass
			38	21.79	1.70	23.49	<=33.01	Pass
			74	22.06	1.70	23.76	<=33.01	Pass
		36	0	21.66	1.70	23.36	<=33.01	Pass
			18	21.55	1.70	23.25	<=33.01	Pass
			39	21.69	1.70	23.39	<=33.01	Pass



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		75	0	21.69	1.70	23.39	<=33.01	Pass	
64QAM	2503.5	1	0	22.90	1.70	24.60	<=33.01	Pass	
			38	23.56	1.70	25.26	<=33.01	Pass	
			74	23.47	1.70	25.17	<=33.01	Pass	
			0	22.11	1.70	23.81	<=33.01	Pass	
		36	18	22.17	1.70	23.87	<=33.01	Pass	
			39	22.16	1.70	23.86	<=33.01	Pass	
			75	0	22.21	1.70	23.91	<=33.01	Pass
		2593	1	0	22.77	1.70	24.47	<=33.01	Pass
				38	22.61	1.70	24.31	<=33.01	Pass
				74	22.65	1.70	24.35	<=33.01	Pass
	36		0	22.99	1.70	24.69	<=33.01	Pass	
			18	22.99	1.70	24.69	<=33.01	Pass	
			39	23.00	1.70	24.70	<=33.01	Pass	
	75		0	22.60	1.70	24.30	<=33.01	Pass	
	2682.5	1	0	23.20	1.70	24.90	<=33.01	Pass	
			38	23.26	1.70	24.96	<=33.01	Pass	
			74	23.32	1.70	25.02	<=33.01	Pass	
		36	0	21.89	1.70	23.59	<=33.01	Pass	
			18	21.89	1.70	23.59	<=33.01	Pass	
			39	22.00	1.70	23.70	<=33.01	Pass	
		75	0	21.98	1.70	23.68	<=33.01	Pass	

256QAM	2503.5	1	0	20.32	1.70	22.02	<=33.01	Pass	
			38	20.01	1.70	21.71	<=33.01	Pass	
			74	19.93	1.70	21.63	<=33.01	Pass	
		36	0	20.17	1.70	21.87	<=33.01	Pass	
			18	20.17	1.70	21.87	<=33.01	Pass	
			39	20.13	1.70	21.83	<=33.01	Pass	
		75	0	20.20	1.70	21.90	<=33.01	Pass	
		2593	1	0	19.99	1.70	21.69	<=33.01	Pass
				38	19.80	1.70	21.50	<=33.01	Pass
	74			19.72	1.70	21.42	<=33.01	Pass	
	36		0	19.75	1.70	21.45	<=33.01	Pass	
			18	19.79	1.70	21.49	<=33.01	Pass	
			39	19.83	1.70	21.53	<=33.01	Pass	
	75	0	19.84	1.70	21.54	<=33.01	Pass		
	2682.5	1	0	20.08	1.70	21.78	<=33.01	Pass	
			38	19.94	1.70	21.64	<=33.01	Pass	
			74	19.84	1.70	21.54	<=33.01	Pass	
		36	0	19.99	1.70	21.69	<=33.01	Pass	
			18	20.04	1.70	21.74	<=33.01	Pass	
			39	20.03	1.70	21.73	<=33.01	Pass	
		75	0	20.03	1.70	21.73	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

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1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.07	1.70	23.77	<=33.01	Pass
			50	22.11	1.70	23.81	<=33.01	Pass
			99	22.11	1.70	23.81	<=33.01	Pass
		50	0	22.06	1.70	23.76	<=33.01	Pass
			25	22.04	1.70	23.74	<=33.01	Pass
			50	22.01	1.70	23.71	<=33.01	Pass
		100	0	22.06	1.70	23.76	<=33.01	Pass
	2593	1	0	21.86	1.70	23.56	<=33.01	Pass
			50	21.76	1.70	23.46	<=33.01	Pass
			99	21.71	1.70	23.41	<=33.01	Pass
		50	0	21.84	1.70	23.54	<=33.01	Pass
			25	21.77	1.70	23.47	<=33.01	Pass
			50	21.71	1.70	23.41	<=33.01	Pass
		100	0	21.79	1.70	23.49	<=33.01	Pass
	2680	1	0	21.73	1.70	23.43	<=33.01	Pass
			50	21.76	1.70	23.46	<=33.01	Pass
			99	21.68	1.70	23.38	<=33.01	Pass
		50	0	21.76	1.70	23.46	<=33.01	Pass
			25	21.66	1.70	23.36	<=33.01	Pass
			50	21.69	1.70	23.39	<=33.01	Pass
		100	0	21.72	1.70	23.42	<=33.01	Pass
16QAM	2506	1	0	22.45	1.70	24.15	<=33.01	Pass
			50	22.22	1.70	23.92	<=33.01	Pass
			99	22.23	1.70	23.93	<=33.01	Pass
		50	0	22.04	1.70	23.74	<=33.01	Pass
			25	22.01	1.70	23.71	<=33.01	Pass
			50	22.00	1.70	23.70	<=33.01	Pass
		100	0	22.08	1.70	23.78	<=33.01	Pass
	2593	1	0	21.77	1.70	23.47	<=33.01	Pass
			50	21.52	1.70	23.22	<=33.01	Pass
			99	21.42	1.70	23.12	<=33.01	Pass
		50	0	21.79	1.70	23.49	<=33.01	Pass
			25	21.74	1.70	23.44	<=33.01	Pass
			50	21.67	1.70	23.37	<=33.01	Pass
		100	0	21.80	1.70	23.50	<=33.01	Pass
	2680	1	0	21.83	1.70	23.53	<=33.01	Pass
			50	21.86	1.70	23.56	<=33.01	Pass
			99	21.84	1.70	23.54	<=33.01	Pass
		50	0	21.70	1.70	23.40	<=33.01	Pass
			25	21.70	1.70	23.40	<=33.01	Pass
			50	21.65	1.70	23.35	<=33.01	Pass



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		100	0	21.74	1.70	23.44	<=33.01	Pass
64QAM	2506	1	0	23.03	1.70	24.73	<=33.01	Pass
			50	23.34	1.70	25.04	<=33.01	Pass
			99	23.12	1.70	24.82	<=33.01	Pass
			0	22.20	1.70	23.90	<=33.01	Pass
		50	25	22.20	1.70	23.90	<=33.01	Pass
			50	22.25	1.70	23.95	<=33.01	Pass
		100	0	22.28	1.70	23.98	<=33.01	Pass
	2593	1	0	22.90	1.70	24.60	<=33.01	Pass
			50	22.77	1.70	24.47	<=33.01	Pass
			99	23.12	1.70	24.82	<=33.01	Pass
		50	0	22.89	1.70	24.59	<=33.01	Pass
			25	22.90	1.70	24.60	<=33.01	Pass
			50	22.88	1.70	24.58	<=33.01	Pass
		100	0	22.76	1.70	24.46	<=33.01	Pass
	2680	1	0	22.72	1.70	24.42	<=33.01	Pass
			50	22.87	1.70	24.57	<=33.01	Pass
			99	22.84	1.70	24.54	<=33.01	Pass
		50	0	21.94	1.70	23.64	<=33.01	Pass
			25	22.00	1.70	23.70	<=33.01	Pass
			50	22.05	1.70	23.75	<=33.01	Pass
		100	0	22.04	1.70	23.74	<=33.01	Pass
256QAM	2506	1	0	20.31	1.70	22.01	<=33.01	Pass
			50	19.99	1.70	21.69	<=33.01	Pass
			99	20.18	1.70	21.88	<=33.01	Pass
		50	0	20.22	1.70	21.92	<=33.01	Pass
			25	20.21	1.70	21.91	<=33.01	Pass
			50	20.19	1.70	21.89	<=33.01	Pass
		100	0	20.11	1.70	21.81	<=33.01	Pass
	2593	1	0	19.89	1.70	21.59	<=33.01	Pass
			50	20.25	1.70	21.95	<=33.01	Pass
			99	19.58	1.70	21.28	<=33.01	Pass
		50	0	19.86	1.70	21.56	<=33.01	Pass
			25	19.89	1.70	21.59	<=33.01	Pass
			50	19.91	1.70	21.61	<=33.01	Pass
		100	0	19.88	1.70	21.58	<=33.01	Pass
	2680	1	0	19.63	1.70	21.33	<=33.01	Pass
			50	19.75	1.70	21.45	<=33.01	Pass
			99	19.76	1.70	21.46	<=33.01	Pass
		50	0	19.96	1.70	21.66	<=33.01	Pass
			25	19.99	1.70	21.69	<=33.01	Pass
			50	19.98	1.70	21.68	<=33.01	Pass
		100	0	19.98	1.70	21.68	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

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	-3.977	-0.0016	-2.5 to 2.5	Pass
					3.84	-11.129	-0.0045	-2.5 to 2.5	Pass
					4.25	-0.973	-0.0004	-2.5 to 2.5	Pass
				-30	3.84	-2.375	-0.0010	-2.5 to 2.5	Pass
				-20	3.84	0.544	0.0002	-2.5 to 2.5	Pass
				-10	3.84	5.693	0.0023	-2.5 to 2.5	Pass
				0	3.84	-0.715	-0.0003	-2.5 to 2.5	Pass
				10	3.84	10.843	0.0043	-2.5 to 2.5	Pass
				30	3.84	5.422	0.0022	-2.5 to 2.5	Pass
				40	3.84	-1.888	-0.0008	-2.5 to 2.5	Pass
				50	3.84	6.695	0.0027	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	-5.407	-0.0021	-2.5 to 2.5	Pass
					3.84	-1.831	-0.0007	-2.5 to 2.5	Pass
					4.25	-11.544	-0.0045	-2.5 to 2.5	Pass
				-30	3.84	-4.563	-0.0018	-2.5 to 2.5	Pass
				-20	3.84	-8.297	-0.0032	-2.5 to 2.5	Pass
				-10	3.84	0.787	0.0003	-2.5 to 2.5	Pass
				0	3.84	-10.214	-0.0039	-2.5 to 2.5	Pass
				10	3.84	-9.313	-0.0036	-2.5 to 2.5	Pass
				30	3.84	-8.340	-0.0032	-2.5 to 2.5	Pass
				40	3.84	-6.194	-0.0024	-2.5 to 2.5	Pass
				50	3.84	-8.783	-0.0034	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	5.393	0.0020	-2.5 to 2.5	Pass
					3.84	0.987	0.0004	-2.5 to 2.5	Pass
					4.25	2.818	0.0010	-2.5 to 2.5	Pass
				-30	3.84	-4.020	-0.0015	-2.5 to 2.5	Pass
				-20	3.84	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	3.84	7.796	0.0029	-2.5 to 2.5	Pass
				0	3.84	13.204	0.0049	-2.5 to 2.5	Pass
				10	3.84	12.288	0.0046	-2.5 to 2.5	Pass
				30	3.84	17.252	0.0064	-2.5 to 2.5	Pass
				40	3.84	26.107	0.0097	-2.5 to 2.5	Pass
				50	3.84	29.168	0.0109	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.6	-3.448	-0.0014	-2.5 to 2.5	Pass
					3.84	-0.687	-0.0003	-2.5 to 2.5	Pass
					4.25	-1.159	-0.0005	-2.5 to 2.5	Pass
				-30	3.84	-1.245	-0.0005	-2.5 to 2.5	Pass
				-20	3.84	1.001	0.0004	-2.5 to 2.5	Pass
				-10	3.84	2.632	0.0011	-2.5 to 2.5	Pass



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64QAM				0	3.84	-4.020	-0.0016	-2.5 to 2.5	Pass
				10	3.84	-1.373	-0.0005	-2.5 to 2.5	Pass
				30	3.84	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.84	-2.117	-0.0008	-2.5 to 2.5	Pass
				50	3.84	-4.764	-0.0019	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	-5.708	-0.0022	-2.5 to 2.5	Pass
					3.84	-4.992	-0.0019	-2.5 to 2.5	Pass
					4.25	-4.520	-0.0017	-2.5 to 2.5	Pass
				-30	3.84	-1.888	-0.0007	-2.5 to 2.5	Pass
				-20	3.84	-6.824	-0.0026	-2.5 to 2.5	Pass
				-10	3.84	-5.565	-0.0021	-2.5 to 2.5	Pass
				0	3.84	-7.067	-0.0027	-2.5 to 2.5	Pass
				10	3.84	6.652	0.0026	-2.5 to 2.5	Pass
				30	3.84	-3.862	-0.0015	-2.5 to 2.5	Pass
				40	3.84	-11.759	-0.0045	-2.5 to 2.5	Pass
				50	3.84	-4.463	-0.0017	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	32.301	0.0120	-2.5 to 2.5	Pass
					3.84	27.766	0.0103	-2.5 to 2.5	Pass
					4.25	33.789	0.0126	-2.5 to 2.5	Pass
				-30	3.84	35.520	0.0132	-2.5 to 2.5	Pass
				-20	3.84	43.116	0.0160	-2.5 to 2.5	Pass
				-10	3.84	51.055	0.0190	-2.5 to 2.5	Pass
				0	3.84	54.331	0.0202	-2.5 to 2.5	Pass
				10	3.84	53.802	0.0200	-2.5 to 2.5	Pass
				30	3.84	59.223	0.0220	-2.5 to 2.5	Pass
				40	3.84	-34.575	-0.0129	-2.5 to 2.5	Pass
				50	3.84	-56.677	-0.0211	-2.5 to 2.5	Pass
	2498.5	25	0	20	3.6	-3.998	-0.0016	-2.5 to 2.5	Pass
					3.84	-3.322	-0.0013	-2.5 to 2.5	Pass
					4.25	-1.134	-0.0005	-2.5 to 2.5	Pass
				-30	3.84	-0.665	-0.0003	-2.5 to 2.5	Pass
				-20	3.84	2.450	0.0010	-2.5 to 2.5	Pass
				-10	3.84	-1.724	-0.0007	-2.5 to 2.5	Pass
				0	3.84	0.995	0.0004	-2.5 to 2.5	Pass
				10	3.84	-4.564	-0.0018	-2.5 to 2.5	Pass
				30	3.84	4.263	0.0017	-2.5 to 2.5	Pass
				40	3.84	1.018	0.0004	-2.5 to 2.5	Pass
				50	3.84	1.209	0.0005	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	15.343	0.0059	-2.5 to 2.5	Pass
					3.84	10.078	0.0039	-2.5 to 2.5	Pass
					4.25	-6.926	-0.0027	-2.5 to 2.5	Pass
				-30	3.84	-4.915	-0.0019	-2.5 to 2.5	Pass
				-20	3.84	-3.756	-0.0014	-2.5 to 2.5	Pass
				-10	3.84	-9.220	-0.0036	-2.5 to 2.5	Pass
				0	3.84	-7.095	-0.0027	-2.5 to 2.5	Pass
				10	3.84	-11.119	-0.0043	-2.5 to 2.5	Pass
				30	3.84	-11.650	-0.0045	-2.5 to 2.5	Pass
				40	3.84	-3.617	-0.0014	-2.5 to 2.5	Pass
				50	3.84	-6.879	-0.0027	-2.5 to 2.5	Pass



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	2687.5	25	0	20	3.6	1.204	0.0004	-2.5 to 2.5	Pass
					3.84	4.002	0.0015	-2.5 to 2.5	Pass
					4.25	3.232	0.0012	-2.5 to 2.5	Pass
				-30	3.84	3.368	0.0013	-2.5 to 2.5	Pass
				-20	3.84	2.385	0.0009	-2.5 to 2.5	Pass
				-10	3.84	1.094	0.0004	-2.5 to 2.5	Pass
				0	3.84	9.577	0.0036	-2.5 to 2.5	Pass
				10	3.84	-0.659	-0.0002	-2.5 to 2.5	Pass
				30	3.84	1.487	0.0006	-2.5 to 2.5	Pass
				40	3.84	-0.588	-0.0002	-2.5 to 2.5	Pass
256QAM	2498.5	25	0	20	3.6	-3.782	-0.0015	-2.5 to 2.5	Pass
					3.84	-1.224	-0.0005	-2.5 to 2.5	Pass
					4.25	7.317	0.0029	-2.5 to 2.5	Pass
				-30	3.84	-4.221	-0.0017	-2.5 to 2.5	Pass
				-20	3.84	3.677	0.0015	-2.5 to 2.5	Pass
				-10	3.84	0.282	0.0001	-2.5 to 2.5	Pass
				0	3.84	-4.203	-0.0017	-2.5 to 2.5	Pass
				10	3.84	1.993	0.0008	-2.5 to 2.5	Pass
				30	3.84	-3.650	-0.0015	-2.5 to 2.5	Pass
				40	3.84	0.715	0.0003	-2.5 to 2.5	Pass
	2593	25	0	20	3.6	-6.786	-0.0026	-2.5 to 2.5	Pass
					3.84	-15.867	-0.0061	-2.5 to 2.5	Pass
					4.25	-11.287	-0.0044	-2.5 to 2.5	Pass
				-30	3.84	-11.611	-0.0045	-2.5 to 2.5	Pass
				-20	3.84	-24.377	-0.0094	-2.5 to 2.5	Pass
				-10	3.84	-24.108	-0.0093	-2.5 to 2.5	Pass
				0	3.84	-23.571	-0.0091	-2.5 to 2.5	Pass
				10	3.84	-26.067	-0.0101	-2.5 to 2.5	Pass
				30	3.84	-31.714	-0.0122	-2.5 to 2.5	Pass
				40	3.84	-36.089	-0.0139	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.6	6.151	0.0023	-2.5 to 2.5	Pass
					3.84	3.362	0.0013	-2.5 to 2.5	Pass
					4.25	-3.979	-0.0015	-2.5 to 2.5	Pass
				-30	3.84	-2.857	-0.0011	-2.5 to 2.5	Pass
				-20	3.84	0.399	0.0001	-2.5 to 2.5	Pass
				-10	3.84	-0.906	-0.0003	-2.5 to 2.5	Pass
				0	3.84	1.781	0.0007	-2.5 to 2.5	Pass
				10	3.84	-8.809	-0.0033	-2.5 to 2.5	Pass
				30	3.84	-1.612	-0.0006	-2.5 to 2.5	Pass
				40	3.84	-3.831	-0.0014	-2.5 to 2.5	Pass
				50	3.84	-14.077	-0.0052	-2.5 to 2.5	Pass



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2.2 B41_10MHz

2.2.1 Test Result

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	-11.516	-0.0046	-2.5 to 2.5	Pass
					3.84	-10.672	-0.0043	-2.5 to 2.5	Pass
					4.25	-11.544	-0.0046	-2.5 to 2.5	Pass
				-30	3.84	-11.759	-0.0047	-2.5 to 2.5	Pass
				-20	3.84	-10.800	-0.0043	-2.5 to 2.5	Pass
				-10	3.84	-9.212	-0.0037	-2.5 to 2.5	Pass
				0	3.84	-6.051	-0.0024	-2.5 to 2.5	Pass
				10	3.84	-9.227	-0.0037	-2.5 to 2.5	Pass
				30	3.84	-5.536	-0.0022	-2.5 to 2.5	Pass
				40	3.84	-4.950	-0.0020	-2.5 to 2.5	Pass
				50	3.84	-8.354	-0.0033	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	-6.495	-0.0025	-2.5 to 2.5	Pass
					3.84	-5.050	-0.0019	-2.5 to 2.5	Pass
					4.25	-6.037	-0.0023	-2.5 to 2.5	Pass
				-30	3.84	-5.536	-0.0021	-2.5 to 2.5	Pass
				-20	3.84	-7.868	-0.0030	-2.5 to 2.5	Pass
				-10	3.84	-5.693	-0.0022	-2.5 to 2.5	Pass
				0	3.84	-3.777	-0.0015	-2.5 to 2.5	Pass
				10	3.84	-3.090	-0.0012	-2.5 to 2.5	Pass
				30	3.84	-3.748	-0.0014	-2.5 to 2.5	Pass
				40	3.84	-4.692	-0.0018	-2.5 to 2.5	Pass
				50	3.84	-5.565	-0.0021	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-1.016	-0.0004	-2.5 to 2.5	Pass
					3.84	-5.851	-0.0022	-2.5 to 2.5	Pass
					4.25	-5.035	-0.0019	-2.5 to 2.5	Pass
				-30	3.84	-5.937	-0.0022	-2.5 to 2.5	Pass
				-20	3.84	-2.632	-0.0010	-2.5 to 2.5	Pass
				-10	3.84	-8.640	-0.0032	-2.5 to 2.5	Pass
				0	3.84	-4.992	-0.0019	-2.5 to 2.5	Pass
				10	3.84	-7.110	-0.0026	-2.5 to 2.5	Pass
				30	3.84	-2.875	-0.0011	-2.5 to 2.5	Pass
				40	3.84	-4.821	-0.0018	-2.5 to 2.5	Pass
				50	3.84	-5.779	-0.0022	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.6	3.977	0.0016	-2.5 to 2.5	Pass
					3.84	-5.279	-0.0021	-2.5 to 2.5	Pass
					4.25	-6.623	-0.0026	-2.5 to 2.5	Pass
				-30	3.84	-5.550	-0.0022	-2.5 to 2.5	Pass
				-20	3.84	-7.610	-0.0030	-2.5 to 2.5	Pass
				-10	3.84	-5.064	-0.0020	-2.5 to 2.5	Pass
				0	3.84	-7.653	-0.0031	-2.5 to 2.5	Pass
				10	3.84	-7.181	-0.0029	-2.5 to 2.5	Pass



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				30	3.84	-6.638	-0.0027	-2.5 to 2.5	Pass
				40	3.84	-2.146	-0.0009	-2.5 to 2.5	Pass
				50	3.84	-2.432	-0.0010	-2.5 to 2.5	Pass
2593	50	0	20	3.6	-6.537	-0.0025	-2.5 to 2.5	Pass	Pass
				3.84	-5.922	-0.0023	-2.5 to 2.5	Pass	Pass
				4.25	-8.826	-0.0034	-2.5 to 2.5	Pass	Pass
			-30	3.84	-8.297	-0.0032	-2.5 to 2.5	Pass	Pass
			-20	3.84	-8.941	-0.0034	-2.5 to 2.5	Pass	Pass
			-10	3.84	-4.106	-0.0016	-2.5 to 2.5	Pass	Pass
			0	3.84	-7.224	-0.0028	-2.5 to 2.5	Pass	Pass
			10	3.84	-6.638	-0.0026	-2.5 to 2.5	Pass	Pass
			30	3.84	-6.895	-0.0027	-2.5 to 2.5	Pass	Pass
			40	3.84	-5.407	-0.0021	-2.5 to 2.5	Pass	Pass
			50	3.84	-4.678	-0.0018	-2.5 to 2.5	Pass	Pass
			20	3.6	-4.778	-0.0018	-2.5 to 2.5	Pass	Pass
				3.84	-2.546	-0.0009	-2.5 to 2.5	Pass	Pass
				4.25	-6.680	-0.0025	-2.5 to 2.5	Pass	Pass
2685	50	0	-30	3.84	-6.194	-0.0023	-2.5 to 2.5	Pass	Pass
			-20	3.84	-7.939	-0.0030	-2.5 to 2.5	Pass	Pass
			-10	3.84	-8.039	-0.0030	-2.5 to 2.5	Pass	Pass
			0	3.84	-6.008	-0.0022	-2.5 to 2.5	Pass	Pass
			10	3.84	-7.052	-0.0026	-2.5 to 2.5	Pass	Pass
			30	3.84	-10.085	-0.0038	-2.5 to 2.5	Pass	Pass
			40	3.84	-4.363	-0.0016	-2.5 to 2.5	Pass	Pass
			50	3.84	-8.655	-0.0032	-2.5 to 2.5	Pass	Pass
64QAM	2501	50	20	3.6	-1.138	-0.0005	-2.5 to 2.5	Pass	Pass
				3.84	-4.135	-0.0017	-2.5 to 2.5	Pass	Pass
				4.25	3.251	0.0013	-2.5 to 2.5	Pass	Pass
			-30	3.84	-3.701	-0.0015	-2.5 to 2.5	Pass	Pass
			-20	3.84	9.383	0.0038	-2.5 to 2.5	Pass	Pass
			-10	3.84	-0.987	-0.0004	-2.5 to 2.5	Pass	Pass
			0	3.84	-0.967	-0.0004	-2.5 to 2.5	Pass	Pass
			10	3.84	0.265	0.0001	-2.5 to 2.5	Pass	Pass
			30	3.84	-1.818	-0.0007	-2.5 to 2.5	Pass	Pass
			40	3.84	6.932	0.0028	-2.5 to 2.5	Pass	Pass
			50	3.84	-1.482	-0.0006	-2.5 to 2.5	Pass	Pass
	2593	50	20	3.6	-1.689	-0.0007	-2.5 to 2.5	Pass	Pass
				3.84	-6.104	-0.0024	-2.5 to 2.5	Pass	Pass
				4.25	0.464	0.0002	-2.5 to 2.5	Pass	Pass
			-30	3.84	-7.931	-0.0031	-2.5 to 2.5	Pass	Pass
			-20	3.84	-4.999	-0.0019	-2.5 to 2.5	Pass	Pass
			-10	3.84	-6.929	-0.0027	-2.5 to 2.5	Pass	Pass
			0	3.84	-2.033	-0.0008	-2.5 to 2.5	Pass	Pass
			10	3.84	-0.438	-0.0002	-2.5 to 2.5	Pass	Pass
			30	3.84	-1.247	-0.0005	-2.5 to 2.5	Pass	Pass
			40	3.84	-8.217	-0.0032	-2.5 to 2.5	Pass	Pass
			50	3.84	-5.994	-0.0023	-2.5 to 2.5	Pass	Pass
2685	50	0	20	3.6	-9.034	-0.0034	-2.5 to 2.5	Pass	Pass
				3.84	-4.851	-0.0018	-2.5 to 2.5	Pass	Pass



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256QAM	2501	50	0		4.25	-5.797	-0.0022	-2.5 to 2.5	Pass
				-30	3.84	1.894	0.0007	-2.5 to 2.5	Pass
				-20	3.84	-1.133	-0.0004	-2.5 to 2.5	Pass
				-10	3.84	-2.083	-0.0008	-2.5 to 2.5	Pass
				0	3.84	-1.325	-0.0005	-2.5 to 2.5	Pass
				10	3.84	-4.382	-0.0016	-2.5 to 2.5	Pass
				30	3.84	-0.570	-0.0002	-2.5 to 2.5	Pass
				40	3.84	-4.349	-0.0016	-2.5 to 2.5	Pass
				50	3.84	-4.567	-0.0017	-2.5 to 2.5	Pass
	2593	50	0	20	3.6	1.101	0.0004	-2.5 to 2.5	Pass
					3.84	-3.211	-0.0013	-2.5 to 2.5	Pass
					4.25	-1.443	-0.0006	-2.5 to 2.5	Pass
				-30	3.84	1.140	0.0005	-2.5 to 2.5	Pass
				-20	3.84	-4.888	-0.0020	-2.5 to 2.5	Pass
				-10	3.84	-8.334	-0.0033	-2.5 to 2.5	Pass
				0	3.84	-9.008	-0.0036	-2.5 to 2.5	Pass
				10	3.84	-4.664	-0.0019	-2.5 to 2.5	Pass
				30	3.84	-10.423	-0.0042	-2.5 to 2.5	Pass
				40	3.84	5.816	0.0023	-2.5 to 2.5	Pass
				50	3.84	-3.233	-0.0013	-2.5 to 2.5	Pass
				20	3.6	-4.128	-0.0016	-2.5 to 2.5	Pass
					3.84	-2.979	-0.0011	-2.5 to 2.5	Pass
					4.25	-4.255	-0.0016	-2.5 to 2.5	Pass
				-30	3.84	6.775	0.0026	-2.5 to 2.5	Pass
				-20	3.84	-6.326	-0.0024	-2.5 to 2.5	Pass
				-10	3.84	5.012	0.0019	-2.5 to 2.5	Pass
				0	3.84	-14.562	-0.0056	-2.5 to 2.5	Pass
				10	3.84	-10.218	-0.0039	-2.5 to 2.5	Pass
				30	3.84	-0.286	-0.0001	-2.5 to 2.5	Pass
				40	3.84	-7.489	-0.0029	-2.5 to 2.5	Pass
				50	3.84	-7.129	-0.0027	-2.5 to 2.5	Pass
	2685	50	0	20	3.6	-5.592	-0.0021	-2.5 to 2.5	Pass
					3.84	-4.713	-0.0018	-2.5 to 2.5	Pass
					4.25	2.024	0.0008	-2.5 to 2.5	Pass
				-30	3.84	-11.435	-0.0043	-2.5 to 2.5	Pass
				-20	3.84	-9.864	-0.0037	-2.5 to 2.5	Pass
				-10	3.84	2.893	0.0011	-2.5 to 2.5	Pass
				0	3.84	-7.856	-0.0029	-2.5 to 2.5	Pass
				10	3.84	-10.290	-0.0038	-2.5 to 2.5	Pass
				30	3.84	-8.255	-0.0031	-2.5 to 2.5	Pass
				40	3.84	-13.499	-0.0050	-2.5 to 2.5	Pass
				50	3.84	-9.140	-0.0034	-2.5 to 2.5	Pass



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2.3 B41_15MHz

2.3.1 Test Result

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	-6.280	-0.0025	-2.5 to 2.5	Pass
					3.84	-3.834	-0.0015	-2.5 to 2.5	Pass
					4.25	-4.678	-0.0019	-2.5 to 2.5	Pass
				-30	3.84	-3.262	-0.0013	-2.5 to 2.5	Pass
				-20	3.84	-3.419	-0.0014	-2.5 to 2.5	Pass
				-10	3.84	-4.849	-0.0019	-2.5 to 2.5	Pass
				0	3.84	-4.449	-0.0018	-2.5 to 2.5	Pass
				10	3.84	-5.980	-0.0024	-2.5 to 2.5	Pass
				30	3.84	-8.469	-0.0034	-2.5 to 2.5	Pass
				40	3.84	-3.605	-0.0014	-2.5 to 2.5	Pass
				50	3.84	-1.988	-0.0008	-2.5 to 2.5	Pass
	2593	75	0	20	3.6	-7.567	-0.0029	-2.5 to 2.5	Pass
					3.84	-5.794	-0.0022	-2.5 to 2.5	Pass
					4.25	-4.449	-0.0017	-2.5 to 2.5	Pass
				-30	3.84	-5.765	-0.0022	-2.5 to 2.5	Pass
				-20	3.84	-6.237	-0.0024	-2.5 to 2.5	Pass
				-10	3.84	-4.478	-0.0017	-2.5 to 2.5	Pass
				0	3.84	-6.537	-0.0025	-2.5 to 2.5	Pass
				10	3.84	-4.091	-0.0016	-2.5 to 2.5	Pass
				30	3.84	-2.561	-0.0010	-2.5 to 2.5	Pass
				40	3.84	-4.578	-0.0018	-2.5 to 2.5	Pass
				50	3.84	-7.582	-0.0029	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	-6.409	-0.0024	-2.5 to 2.5	Pass
					3.84	-1.173	-0.0004	-2.5 to 2.5	Pass
					4.25	-6.380	-0.0024	-2.5 to 2.5	Pass
				-30	3.84	-1.059	-0.0004	-2.5 to 2.5	Pass
				-20	3.84	-4.020	-0.0015	-2.5 to 2.5	Pass
				-10	3.84	-3.505	-0.0013	-2.5 to 2.5	Pass
				0	3.84	-0.844	-0.0003	-2.5 to 2.5	Pass
				10	3.84	-2.289	-0.0009	-2.5 to 2.5	Pass
				30	3.84	-3.476	-0.0013	-2.5 to 2.5	Pass
				40	3.84	-3.934	-0.0015	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.6	-6.852	-0.0027	-2.5 to 2.5	Pass
					3.84	-5.822	-0.0023	-2.5 to 2.5	Pass
					4.25	-6.337	-0.0025	-2.5 to 2.5	Pass
				-30	3.84	-0.601	-0.0002	-2.5 to 2.5	Pass
				-20	3.84	-5.965	-0.0024	-2.5 to 2.5	Pass
				-10	3.84	-4.191	-0.0017	-2.5 to 2.5	Pass
				0	3.84	-5.736	-0.0023	-2.5 to 2.5	Pass
				10	3.84	-6.495	-0.0026	-2.5 to 2.5	Pass



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				30	3.84	-4.964	-0.0020	-2.5 to 2.5	Pass
				40	3.84	-3.304	-0.0013	-2.5 to 2.5	Pass
				50	3.84	-1.588	-0.0006	-2.5 to 2.5	Pass
2593	75	0	20	3.6	-7.067	-0.0027	-2.5 to 2.5	Pass	Pass
				3.84	-8.354	-0.0032	-2.5 to 2.5	Pass	Pass
				4.25	-4.449	-0.0017	-2.5 to 2.5	Pass	Pass
			-30	3.84	-4.478	-0.0017	-2.5 to 2.5	Pass	Pass
			-20	3.84	-0.343	-0.0001	-2.5 to 2.5	Pass	Pass
			-10	3.84	-4.005	-0.0015	-2.5 to 2.5	Pass	Pass
			0	3.84	-5.307	-0.0020	-2.5 to 2.5	Pass	Pass
			10	3.84	-6.938	-0.0027	-2.5 to 2.5	Pass	Pass
			30	3.84	-6.180	-0.0024	-2.5 to 2.5	Pass	Pass
			40	3.84	-2.117	-0.0008	-2.5 to 2.5	Pass	Pass
			50	3.84	-5.307	-0.0020	-2.5 to 2.5	Pass	Pass
	2682.5	75	20	3.6	-5.207	-0.0019	-2.5 to 2.5	Pass	Pass
				3.84	-6.809	-0.0025	-2.5 to 2.5	Pass	Pass
				4.25	-6.838	-0.0025	-2.5 to 2.5	Pass	Pass
			-30	3.84	-2.475	-0.0009	-2.5 to 2.5	Pass	Pass
			-20	3.84	-7.696	-0.0029	-2.5 to 2.5	Pass	Pass
			-10	3.84	-5.937	-0.0022	-2.5 to 2.5	Pass	Pass
			0	3.84	-8.140	-0.0030	-2.5 to 2.5	Pass	Pass
			10	3.84	-5.364	-0.0020	-2.5 to 2.5	Pass	Pass
			30	3.84	-6.008	-0.0022	-2.5 to 2.5	Pass	Pass
			40	3.84	-5.007	-0.0019	-2.5 to 2.5	Pass	Pass
			50	3.84	-6.237	-0.0023	-2.5 to 2.5	Pass	Pass
64QAM	2503.5	75	20	3.6	2.105	0.0008	-2.5 to 2.5	Pass	Pass
				3.84	1.618	0.0006	-2.5 to 2.5	Pass	Pass
				4.25	2.326	0.0009	-2.5 to 2.5	Pass	Pass
			-30	3.84	-1.189	-0.0005	-2.5 to 2.5	Pass	Pass
			-20	3.84	2.606	0.0010	-2.5 to 2.5	Pass	Pass
			-10	3.84	1.323	0.0005	-2.5 to 2.5	Pass	Pass
			0	3.84	5.900	0.0024	-2.5 to 2.5	Pass	Pass
			10	3.84	0.973	0.0004	-2.5 to 2.5	Pass	Pass
			30	3.84	3.905	0.0016	-2.5 to 2.5	Pass	Pass
			40	3.84	2.402	0.0010	-2.5 to 2.5	Pass	Pass
			50	3.84	-6.809	-0.0027	-2.5 to 2.5	Pass	Pass
	2593	75	20	3.6	-2.145	-0.0008	-2.5 to 2.5	Pass	Pass
				3.84	-4.969	-0.0019	-2.5 to 2.5	Pass	Pass
				4.25	4.548	0.0018	-2.5 to 2.5	Pass	Pass
			-30	3.84	-4.306	-0.0017	-2.5 to 2.5	Pass	Pass
			-20	3.84	-3.535	-0.0014	-2.5 to 2.5	Pass	Pass
			-10	3.84	-3.127	-0.0012	-2.5 to 2.5	Pass	Pass
			0	3.84	-6.379	-0.0025	-2.5 to 2.5	Pass	Pass
			10	3.84	1.269	0.0005	-2.5 to 2.5	Pass	Pass
			30	3.84	-3.180	-0.0012	-2.5 to 2.5	Pass	Pass
			40	3.84	-0.213	-0.0001	-2.5 to 2.5	Pass	Pass
			50	3.84	-3.731	-0.0014	-2.5 to 2.5	Pass	Pass
	2682.5	75	0	20	3.6	-11.682	-0.0044	-2.5 to 2.5	Pass
				3.84	-1.256	-0.0005	-2.5 to 2.5	Pass	Pass



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256QAM	2503.5	75	0		4.25	2.973	0.0011	-2.5 to 2.5	Pass
				-30	3.84	-1.288	-0.0005	-2.5 to 2.5	Pass
				-20	3.84	-1.366	-0.0005	-2.5 to 2.5	Pass
				-10	3.84	-1.662	-0.0006	-2.5 to 2.5	Pass
				0	3.84	-1.553	-0.0006	-2.5 to 2.5	Pass
				10	3.84	-2.021	-0.0008	-2.5 to 2.5	Pass
				30	3.84	2.183	0.0008	-2.5 to 2.5	Pass
				40	3.84	-1.658	-0.0006	-2.5 to 2.5	Pass
				50	3.84	4.014	0.0015	-2.5 to 2.5	Pass
				20	3.6	-4.611	-0.0018	-2.5 to 2.5	Pass
	2593	75	0		3.84	-15.231	-0.0061	-2.5 to 2.5	Pass
					4.25	-1.157	-0.0005	-2.5 to 2.5	Pass
				-30	3.84	-0.998	-0.0004	-2.5 to 2.5	Pass
				-20	3.84	2.685	0.0011	-2.5 to 2.5	Pass
				-10	3.84	1.998	0.0008	-2.5 to 2.5	Pass
				0	3.84	-3.986	-0.0016	-2.5 to 2.5	Pass
				10	3.84	-1.623	-0.0006	-2.5 to 2.5	Pass
				30	3.84	-4.675	-0.0019	-2.5 to 2.5	Pass
				40	3.84	-7.845	-0.0031	-2.5 to 2.5	Pass
				50	3.84	5.725	0.0023	-2.5 to 2.5	Pass
				20	3.6	-2.256	-0.0009	-2.5 to 2.5	Pass
					3.84	0.074	0.0000	-2.5 to 2.5	Pass
					4.25	-5.472	-0.0021	-2.5 to 2.5	Pass
				-30	3.84	-8.502	-0.0033	-2.5 to 2.5	Pass
				-20	3.84	1.551	0.0006	-2.5 to 2.5	Pass
				-10	3.84	-9.857	-0.0038	-2.5 to 2.5	Pass
				0	3.84	-7.089	-0.0027	-2.5 to 2.5	Pass
				10	3.84	2.766	0.0011	-2.5 to 2.5	Pass
				30	3.84	3.759	0.0014	-2.5 to 2.5	Pass
				40	3.84	-11.300	-0.0044	-2.5 to 2.5	Pass
				50	3.84	-7.618	-0.0029	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.6	4.325	0.0016	-2.5 to 2.5	Pass
					3.84	6.194	0.0023	-2.5 to 2.5	Pass
					4.25	-1.407	-0.0005	-2.5 to 2.5	Pass
				-30	3.84	-4.424	-0.0016	-2.5 to 2.5	Pass
				-20	3.84	-1.377	-0.0005	-2.5 to 2.5	Pass
				-10	3.84	-3.399	-0.0013	-2.5 to 2.5	Pass
				0	3.84	-5.742	-0.0021	-2.5 to 2.5	Pass
				10	3.84	-8.468	-0.0032	-2.5 to 2.5	Pass
				30	3.84	-3.868	-0.0014	-2.5 to 2.5	Pass
				40	3.84	-10.907	-0.0041	-2.5 to 2.5	Pass
				50	3.84	-6.548	-0.0024	-2.5 to 2.5	Pass



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2.4 B41_20MHz

2.4.1 Test Result

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	-6.895	-0.0028	-2.5 to 2.5	Pass
					3.84	-5.980	-0.0024	-2.5 to 2.5	Pass
					4.25	-5.636	-0.0022	-2.5 to 2.5	Pass
				-30	3.84	-1.488	-0.0006	-2.5 to 2.5	Pass
				-20	3.84	-2.832	-0.0011	-2.5 to 2.5	Pass
				-10	3.84	-3.848	-0.0015	-2.5 to 2.5	Pass
				0	3.84	-5.236	-0.0021	-2.5 to 2.5	Pass
				10	3.84	-4.921	-0.0020	-2.5 to 2.5	Pass
				30	3.84	-0.873	-0.0003	-2.5 to 2.5	Pass
				40	3.84	-3.190	-0.0013	-2.5 to 2.5	Pass
				50	3.84	-4.992	-0.0020	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-3.648	-0.0014	-2.5 to 2.5	Pass
					3.84	-4.921	-0.0019	-2.5 to 2.5	Pass
					4.25	-3.977	-0.0015	-2.5 to 2.5	Pass
				-30	3.84	-3.090	-0.0012	-2.5 to 2.5	Pass
				-20	3.84	4.892	0.0019	-2.5 to 2.5	Pass
				-10	3.84	-6.566	-0.0025	-2.5 to 2.5	Pass
				0	3.84	-4.134	-0.0016	-2.5 to 2.5	Pass
				10	3.84	-5.550	-0.0021	-2.5 to 2.5	Pass
				30	3.84	-4.120	-0.0016	-2.5 to 2.5	Pass
				40	3.84	-4.849	-0.0019	-2.5 to 2.5	Pass
				50	3.84	-6.208	-0.0024	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-3.819	-0.0014	-2.5 to 2.5	Pass
					3.84	-9.041	-0.0034	-2.5 to 2.5	Pass
					4.25	-6.180	-0.0023	-2.5 to 2.5	Pass
				-30	3.84	-2.718	-0.0010	-2.5 to 2.5	Pass
				-20	3.84	-5.379	-0.0020	-2.5 to 2.5	Pass
				-10	3.84	-2.131	-0.0008	-2.5 to 2.5	Pass
				0	3.84	0.629	0.0002	-2.5 to 2.5	Pass
				10	3.84	-1.745	-0.0007	-2.5 to 2.5	Pass
				30	3.84	-8.969	-0.0033	-2.5 to 2.5	Pass
				40	3.84	-2.789	-0.0010	-2.5 to 2.5	Pass
				50	3.84	-4.549	-0.0017	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.6	-5.279	-0.0021	-2.5 to 2.5	Pass
					3.84	-2.775	-0.0011	-2.5 to 2.5	Pass
					4.25	-3.119	-0.0012	-2.5 to 2.5	Pass
				-30	3.84	-2.775	-0.0011	-2.5 to 2.5	Pass
				-20	3.84	-3.705	-0.0015	-2.5 to 2.5	Pass
				-10	3.84	-4.191	-0.0017	-2.5 to 2.5	Pass
				0	3.84	-1.502	-0.0006	-2.5 to 2.5	Pass
				10	3.84	-1.173	-0.0005	-2.5 to 2.5	Pass



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64QAM	2593	100	0	30	3.84	-1.988	-0.0008	-2.5 to 2.5	Pass
				40	3.84	-3.891	-0.0016	-2.5 to 2.5	Pass
				50	3.84	-1.945	-0.0008	-2.5 to 2.5	Pass
				20	3.6	-6.065	-0.0023	-2.5 to 2.5	Pass
					3.84	-5.207	-0.0020	-2.5 to 2.5	Pass
					4.25	-5.822	-0.0022	-2.5 to 2.5	Pass
				-30	3.84	-5.980	-0.0023	-2.5 to 2.5	Pass
				-20	3.84	-6.909	-0.0027	-2.5 to 2.5	Pass
				-10	3.84	-3.161	-0.0012	-2.5 to 2.5	Pass
				0	3.84	-2.046	-0.0008	-2.5 to 2.5	Pass
				10	3.84	-6.251	-0.0024	-2.5 to 2.5	Pass
				30	3.84	-6.380	-0.0025	-2.5 to 2.5	Pass
				40	3.84	-2.203	-0.0008	-2.5 to 2.5	Pass
				50	3.84	-6.280	-0.0024	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-5.479	-0.0020	-2.5 to 2.5	Pass
					3.84	-4.220	-0.0016	-2.5 to 2.5	Pass
					4.25	-4.964	-0.0019	-2.5 to 2.5	Pass
				-30	3.84	-6.838	-0.0026	-2.5 to 2.5	Pass
				-20	3.84	-2.575	-0.0010	-2.5 to 2.5	Pass
				-10	3.84	-3.891	-0.0015	-2.5 to 2.5	Pass
				0	3.84	-2.575	-0.0010	-2.5 to 2.5	Pass
				10	3.84	-3.004	-0.0011	-2.5 to 2.5	Pass
				30	3.84	-3.963	-0.0015	-2.5 to 2.5	Pass
				40	3.84	-2.074	-0.0008	-2.5 to 2.5	Pass
				50	3.84	-2.203	-0.0008	-2.5 to 2.5	Pass
	2506	100	0	20	3.6	-2.210	-0.0009	-2.5 to 2.5	Pass
					3.84	5.848	0.0023	-2.5 to 2.5	Pass
					4.25	-0.831	-0.0003	-2.5 to 2.5	Pass
				-30	3.84	2.224	0.0009	-2.5 to 2.5	Pass
				-20	3.84	0.310	0.0001	-2.5 to 2.5	Pass
				-10	3.84	-1.076	-0.0004	-2.5 to 2.5	Pass
				0	3.84	4.393	0.0018	-2.5 to 2.5	Pass
				10	3.84	3.429	0.0014	-2.5 to 2.5	Pass
				30	3.84	1.985	0.0008	-2.5 to 2.5	Pass
				40	3.84	2.047	0.0008	-2.5 to 2.5	Pass
				50	3.84	-2.993	-0.0012	-2.5 to 2.5	Pass
	2593	100	0	20	3.6	-6.880	-0.0027	-2.5 to 2.5	Pass
					3.84	-11.034	-0.0043	-2.5 to 2.5	Pass
					4.25	-3.281	-0.0013	-2.5 to 2.5	Pass
				-30	3.84	-6.818	-0.0026	-2.5 to 2.5	Pass
				-20	3.84	-3.388	-0.0013	-2.5 to 2.5	Pass
				-10	3.84	-3.599	-0.0014	-2.5 to 2.5	Pass
				0	3.84	-8.395	-0.0032	-2.5 to 2.5	Pass
				10	3.84	-10.598	-0.0041	-2.5 to 2.5	Pass
				30	3.84	0.919	0.0004	-2.5 to 2.5	Pass
				40	3.84	-7.260	-0.0028	-2.5 to 2.5	Pass
				50	3.84	-11.581	-0.0045	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-0.056	0.0000	-2.5 to 2.5	Pass
					3.84	0.124	0.0000	-2.5 to 2.5	Pass



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256QAM	2506	100	0		4.25	-1.028	-0.0004	-2.5 to 2.5	Pass
				-30	3.84	-0.197	-0.0001	-2.5 to 2.5	Pass
				-20	3.84	-2.938	-0.0011	-2.5 to 2.5	Pass
				-10	3.84	-5.445	-0.0020	-2.5 to 2.5	Pass
				0	3.84	-6.398	-0.0024	-2.5 to 2.5	Pass
				10	3.84	0.742	0.0003	-2.5 to 2.5	Pass
				30	3.84	-0.191	-0.0001	-2.5 to 2.5	Pass
				40	3.84	-3.935	-0.0015	-2.5 to 2.5	Pass
				50	3.84	-2.297	-0.0009	-2.5 to 2.5	Pass
				20	3.6	-3.476	-0.0014	-2.5 to 2.5	Pass
256QAM	2593	100	0		3.84	-2.765	-0.0011	-2.5 to 2.5	Pass
					4.25	-1.595	-0.0006	-2.5 to 2.5	Pass
				-30	3.84	-6.778	-0.0027	-2.5 to 2.5	Pass
				-20	3.84	2.244	0.0009	-2.5 to 2.5	Pass
				-10	3.84	-1.385	-0.0006	-2.5 to 2.5	Pass
				0	3.84	-4.301	-0.0017	-2.5 to 2.5	Pass
				10	3.84	-6.814	-0.0027	-2.5 to 2.5	Pass
				30	3.84	1.711	0.0007	-2.5 to 2.5	Pass
				40	3.84	1.676	0.0007	-2.5 to 2.5	Pass
				50	3.84	-3.924	-0.0016	-2.5 to 2.5	Pass
	2680	100	0	20	3.6	-0.487	-0.0002	-2.5 to 2.5	Pass
					3.84	-4.246	-0.0016	-2.5 to 2.5	Pass
					4.25	-8.384	-0.0032	-2.5 to 2.5	Pass
				-30	3.84	-5.637	-0.0022	-2.5 to 2.5	Pass
				-20	3.84	-11.813	-0.0046	-2.5 to 2.5	Pass
				-10	3.84	-7.873	-0.0030	-2.5 to 2.5	Pass
				0	3.84	-3.067	-0.0012	-2.5 to 2.5	Pass
				10	3.84	-2.366	-0.0009	-2.5 to 2.5	Pass
				30	3.84	-9.365	-0.0036	-2.5 to 2.5	Pass
				40	3.84	-9.902	-0.0038	-2.5 to 2.5	Pass
256QAM	2680	100	0	50	3.84	0.308	0.0001	-2.5 to 2.5	Pass
				20	3.6	1.424	0.0005	-2.5 to 2.5	Pass
					3.84	-6.162	-0.0023	-2.5 to 2.5	Pass
					4.25	-4.256	-0.0016	-2.5 to 2.5	Pass
				-30	3.84	-4.581	-0.0017	-2.5 to 2.5	Pass
				-20	3.84	-6.513	-0.0024	-2.5 to 2.5	Pass
				-10	3.84	-11.916	-0.0044	-2.5 to 2.5	Pass
				0	3.84	-3.308	-0.0012	-2.5 to 2.5	Pass
				10	3.84	-7.286	-0.0027	-2.5 to 2.5	Pass
				30	3.84	-2.818	-0.0011	-2.5 to 2.5	Pass
256QAM	2680	100	0	40	3.84	-5.939	-0.0022	-2.5 to 2.5	Pass
				50	3.84	-5.206	-0.0019	-2.5 to 2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 Band41_OBW

3.1.1 Test Result

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	4.567	/	Pass
		2593	25	0	4.547	/	Pass
		2687.5	25	0	4.570	/	Pass
	16QAM	2498.5	25	0	4.596	/	Pass
		2593	25	0	4.599	/	Pass
		2687.5	25	0	4.553	/	Pass
	64QAM	2498.5	25	0	4.678	/	Pass
		2593	25	0	4.803	/	Pass
		2687.5	25	0	4.660	/	Pass
	256QAM	2498.5	25	0	4.564	/	Pass
		2593	25	0	4.628	/	Pass
		2687.5	25	0	4.600	/	Pass
10	QPSK	2501	50	0	9.182	/	Pass
		2593	50	0	9.174	/	Pass
		2685	50	0	9.101	/	Pass
	16QAM	2501	50	0	9.564	/	Pass
		2593	50	0	9.103	/	Pass
		2685	50	0	9.095	/	Pass
	64QAM	2501	50	0	9.087	/	Pass
		2593	50	0	9.233	/	Pass
		2685	50	0	9.132	/	Pass
	256QAM	2501	50	0	9.104	/	Pass
		2593	50	0	9.139	/	Pass
		2685	50	0	9.083	/	Pass
15	QPSK	2503.5	75	0	13.692	/	Pass
		2593	75	0	15.411	/	Pass
		2682.5	75	0	13.611	/	Pass
	16QAM	2503.5	75	0	15.055	/	Pass
		2593	75	0	14.705	/	Pass
		2682.5	75	0	13.661	/	Pass
	64QAM	2503.5	75	0	13.879	/	Pass
		2593	75	0	14.551	/	Pass
		2682.5	75	0	14.485	/	Pass
	256QAM	2503.5	75	0	13.635	/	Pass
		2593	75	0	13.759	/	Pass
		2682.5	75	0	13.616	/	Pass
20	QPSK	2506	100	0	18.769	/	Pass
		2593	100	0	18.142	/	Pass
		2680	100	0	18.147	/	Pass



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	16QAM	2506	100	0	18.730	/	Pass
		2593	100	0	19.292	/	Pass
		2680	100	0	20.201	/	Pass
	64QAM	2506	100	0	18.128	/	Pass
		2593	100	0	18.510	/	Pass
		2680	100	0	18.144	/	Pass
	256QAM	2506	100	0	18.384	/	Pass
		2593	100	0	19.001	/	Pass
		2680	100	0	19.159	/	Pass



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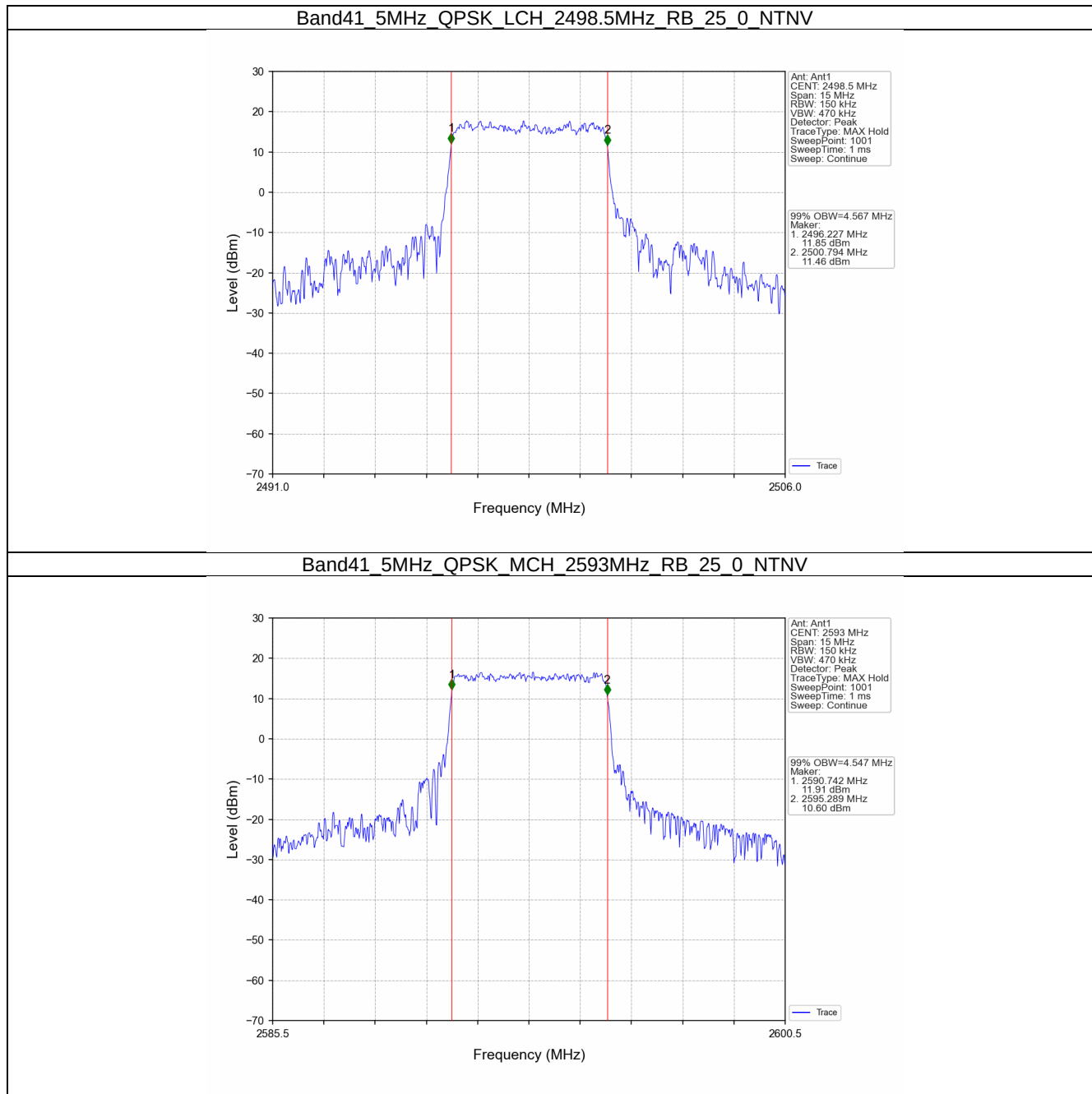
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3.1.2 Test Graph



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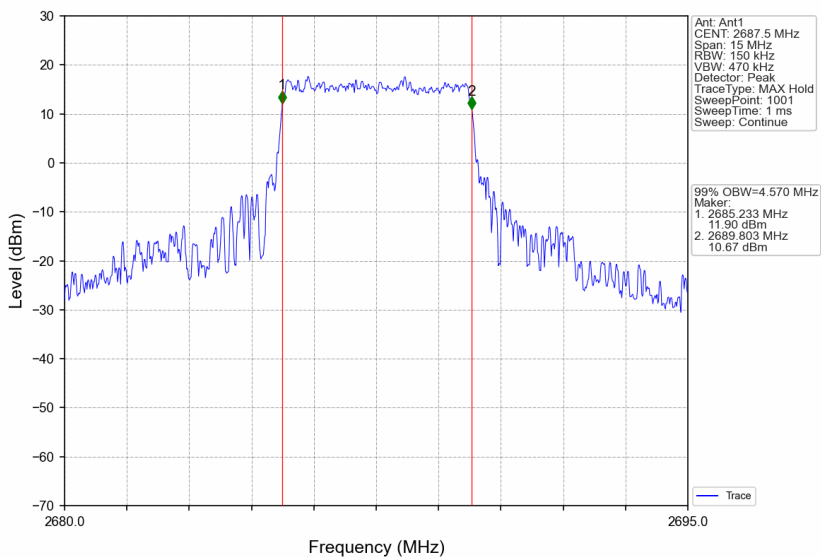
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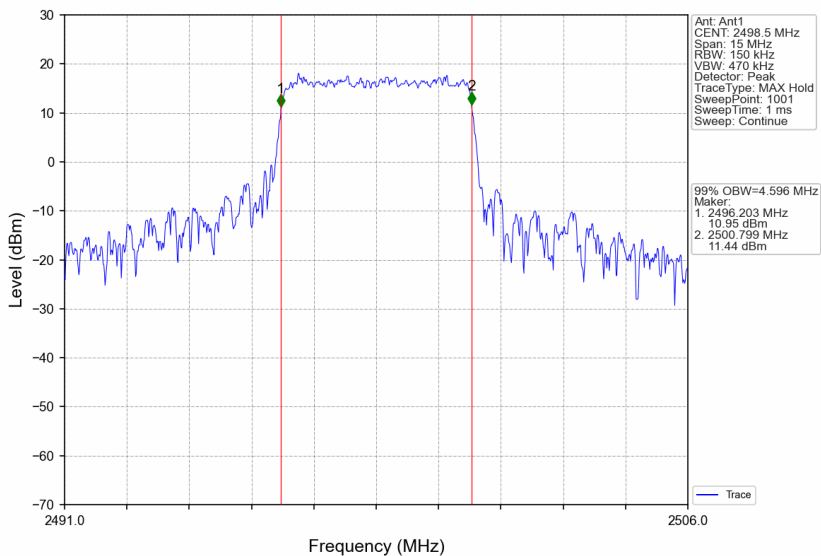
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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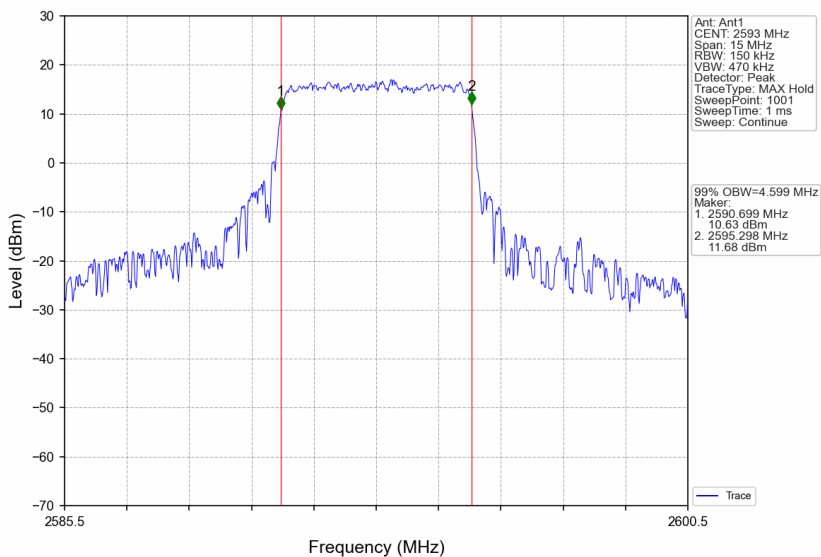
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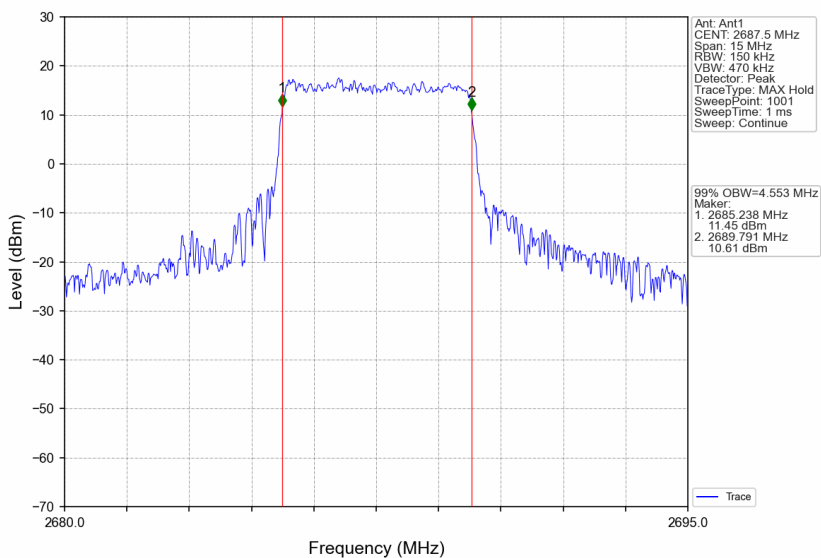
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Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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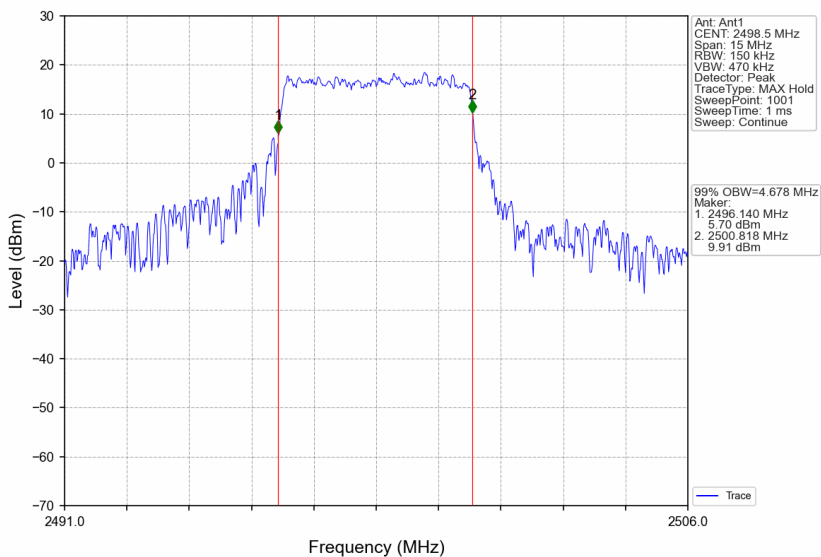
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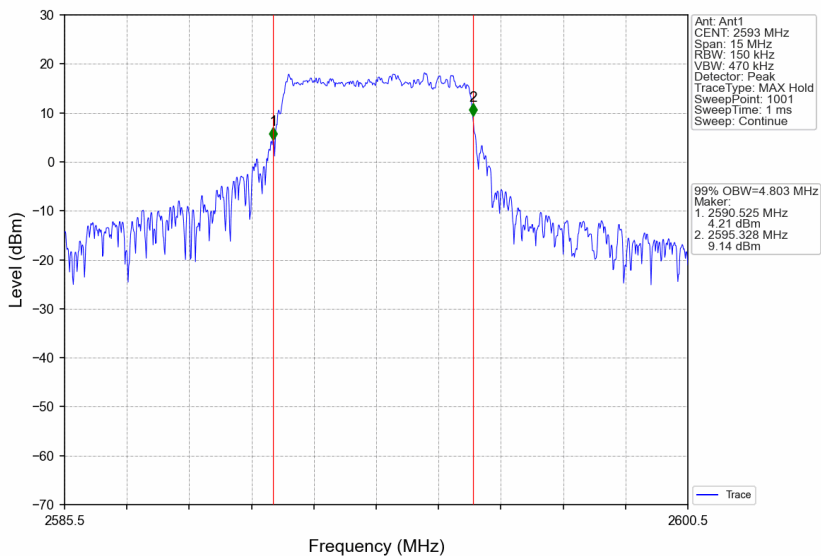
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Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



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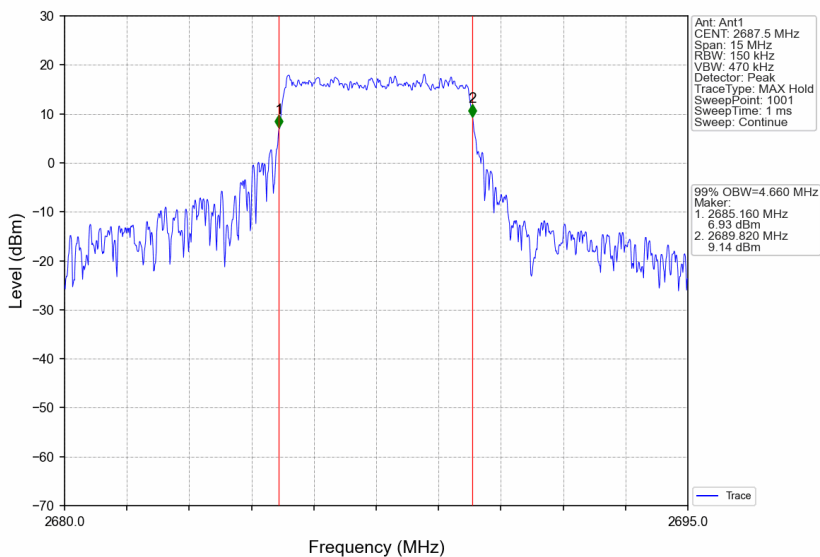
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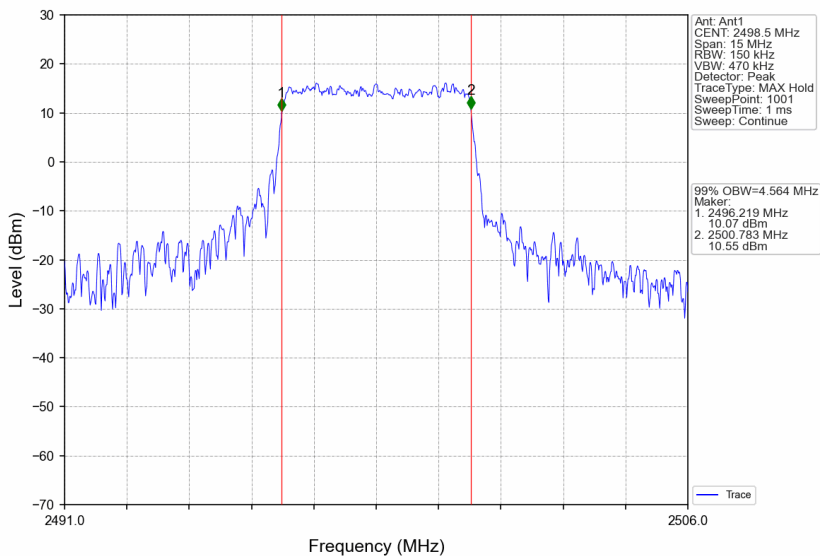
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Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_256QAM_LCH_2498.5MHz_RB_25_0_NTNV



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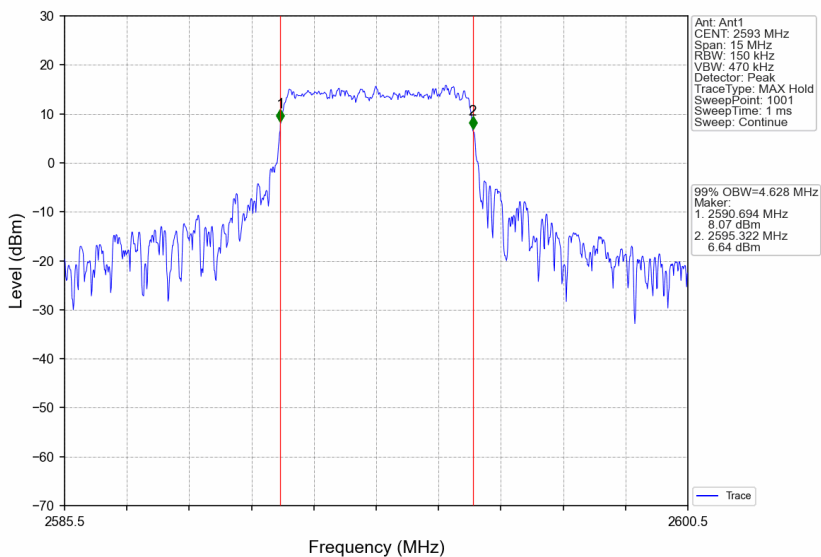
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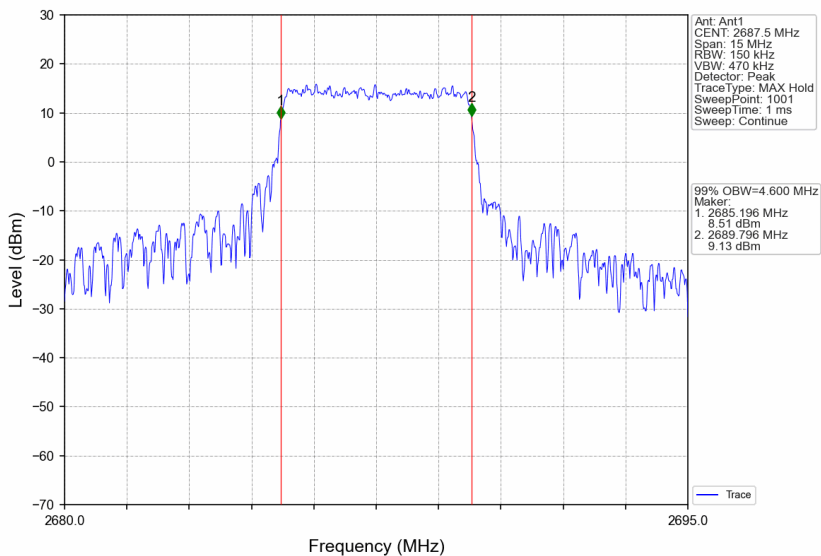
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Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_256QAM_HCH_2687.5MHz_RB_25_0_NTNV



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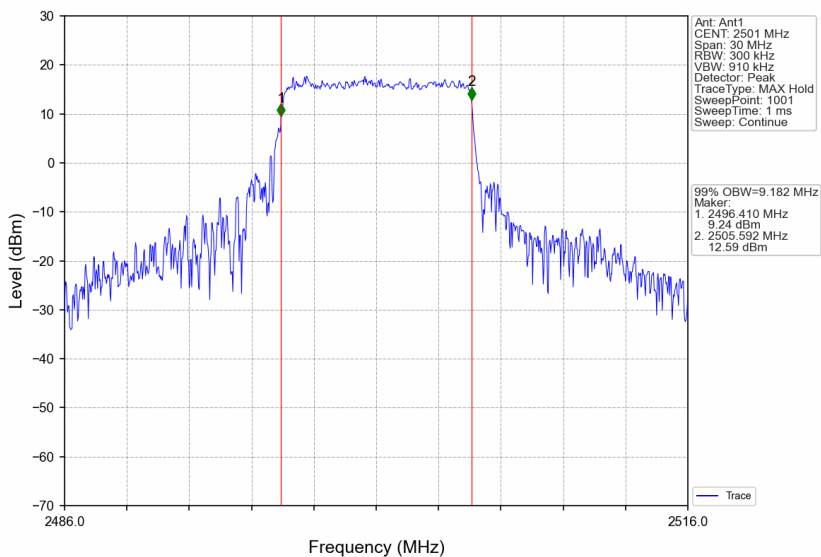
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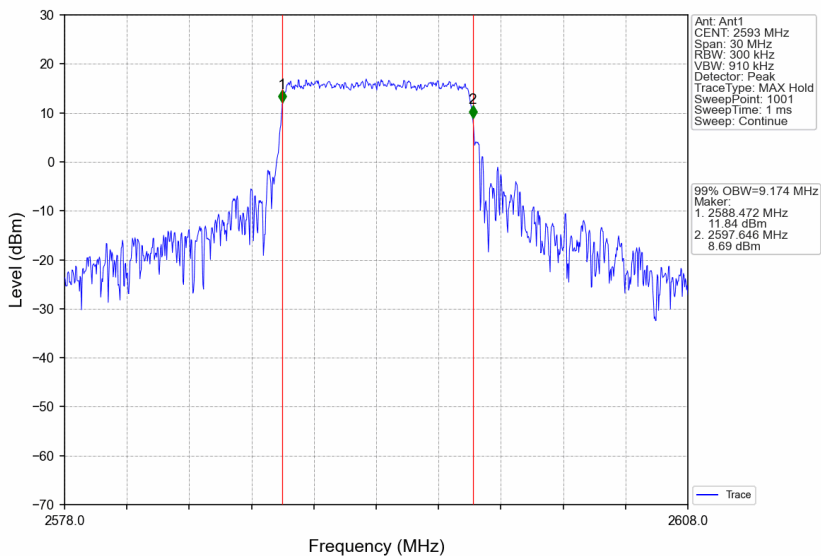
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Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



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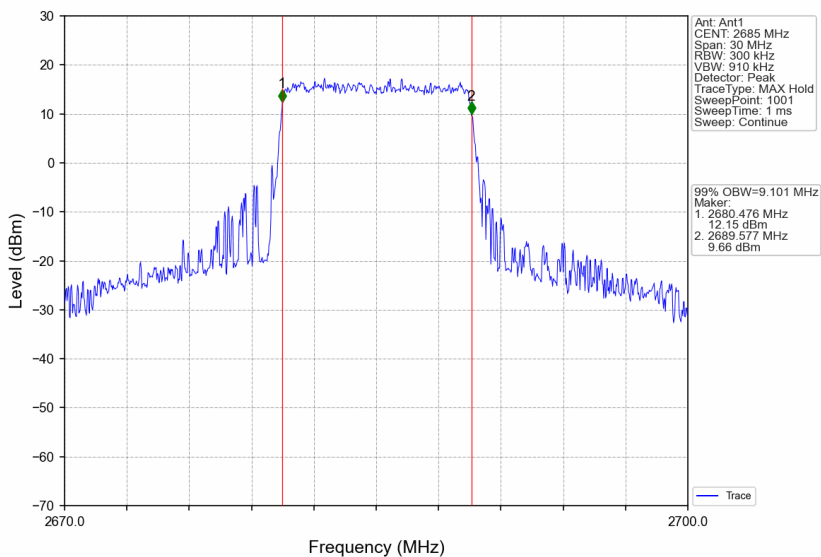
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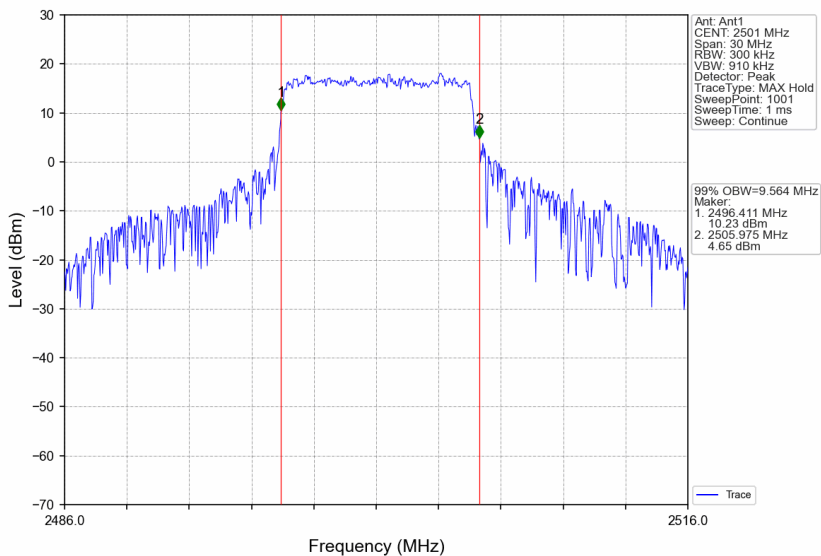
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Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



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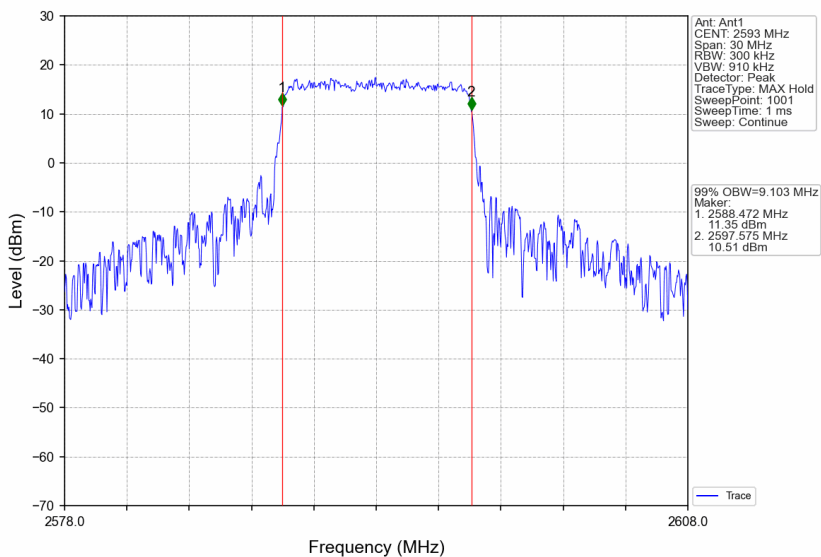
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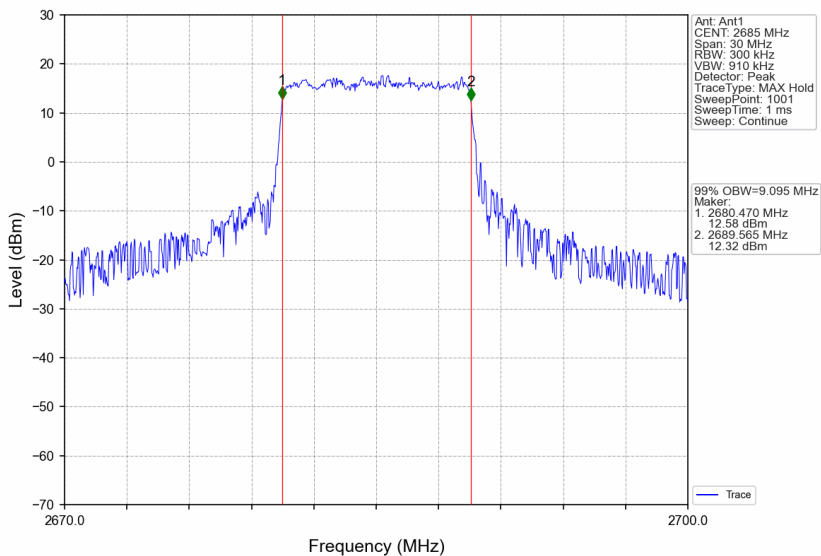
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Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



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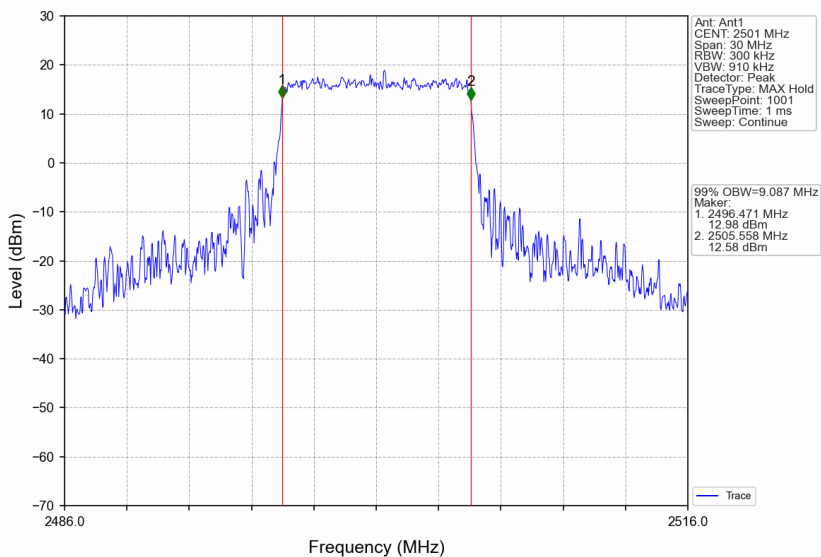
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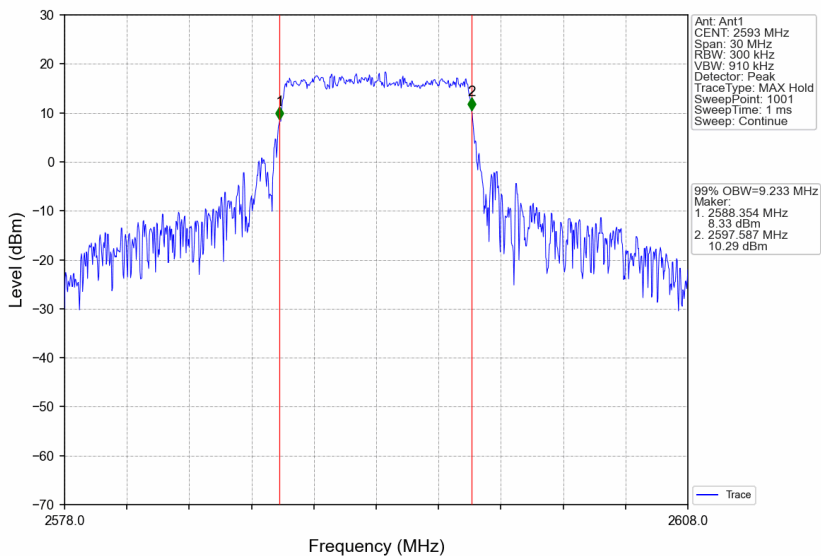
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Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



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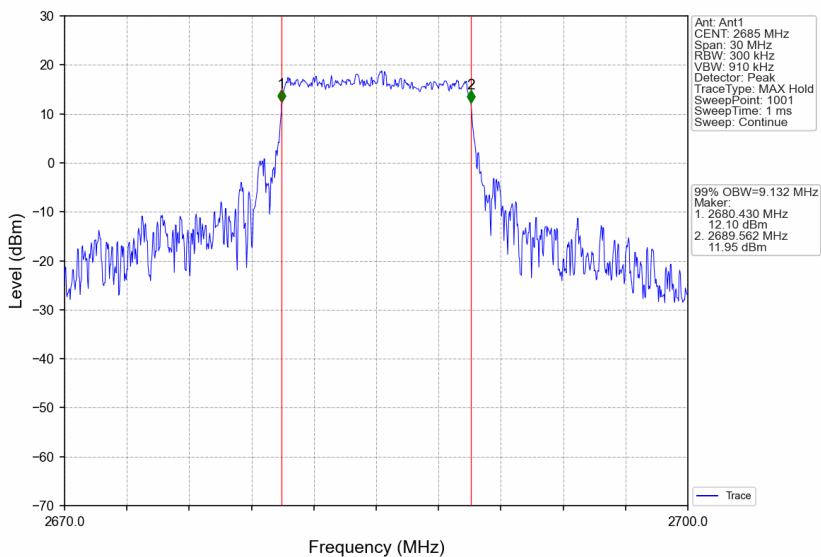
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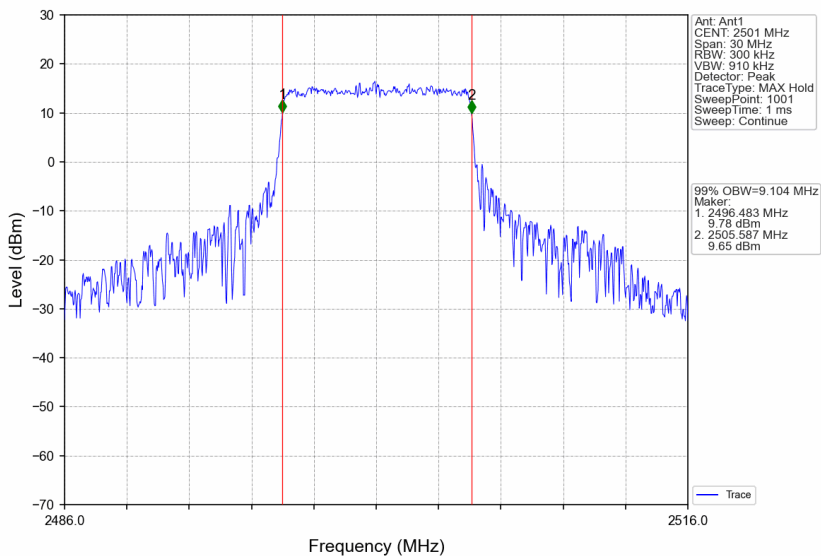
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Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



Band41_10MHz_256QAM_LCH_2501MHz_RB_50_0_NTNV



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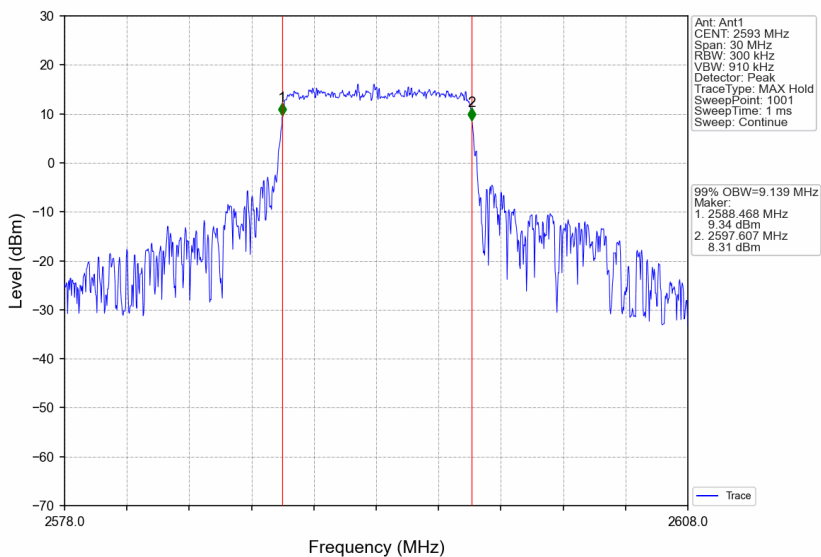
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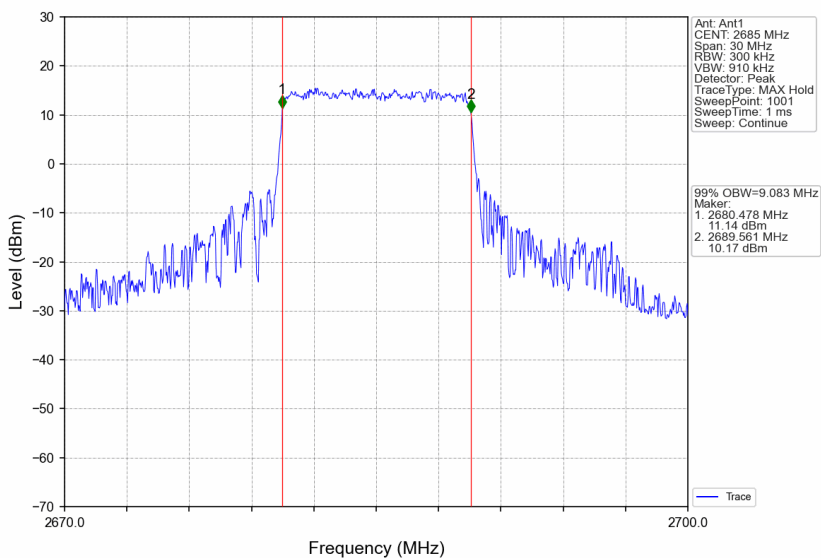
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Band41_10MHz_256QAM_HCH_2685MHz_RB_50_0_NTNV



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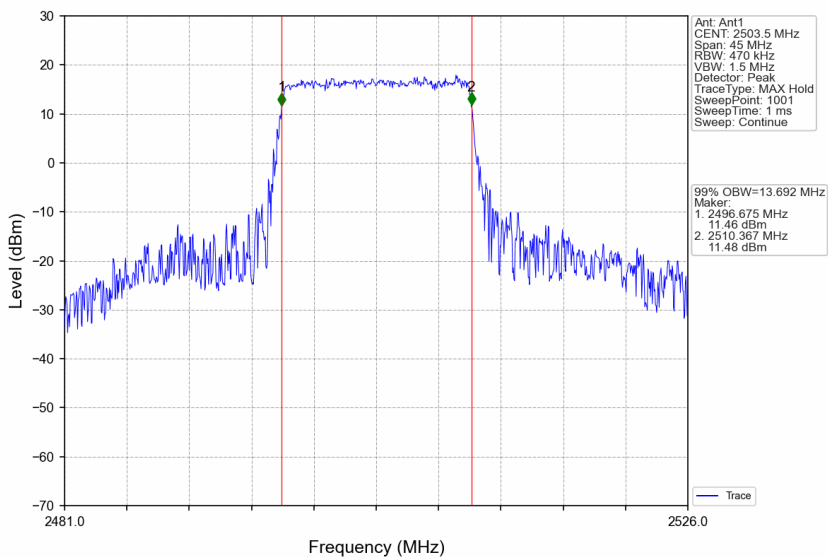
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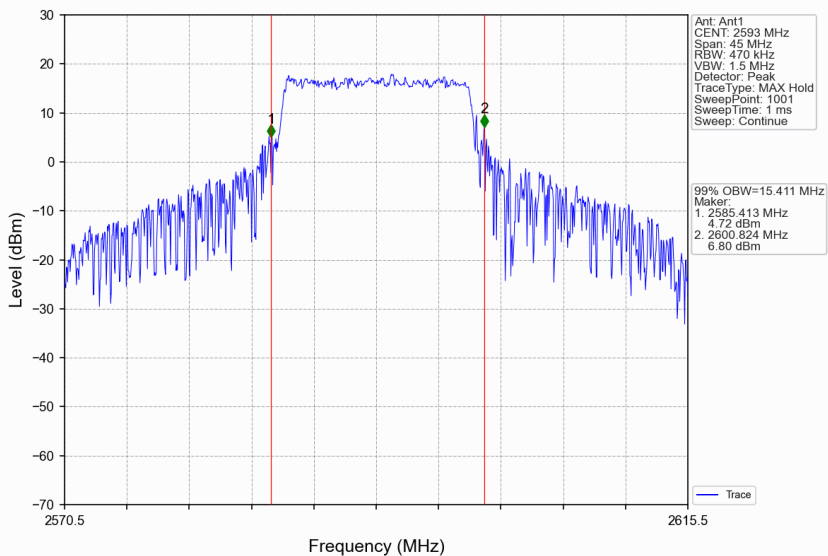
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Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



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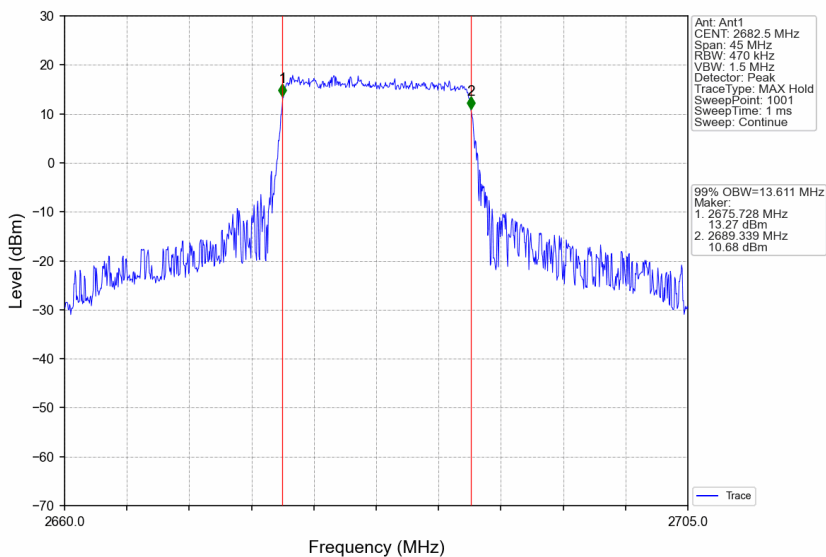
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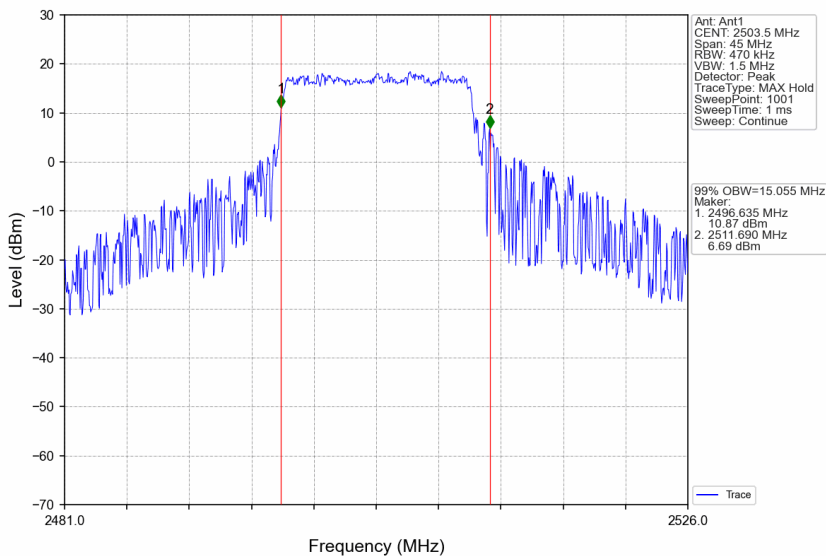
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Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



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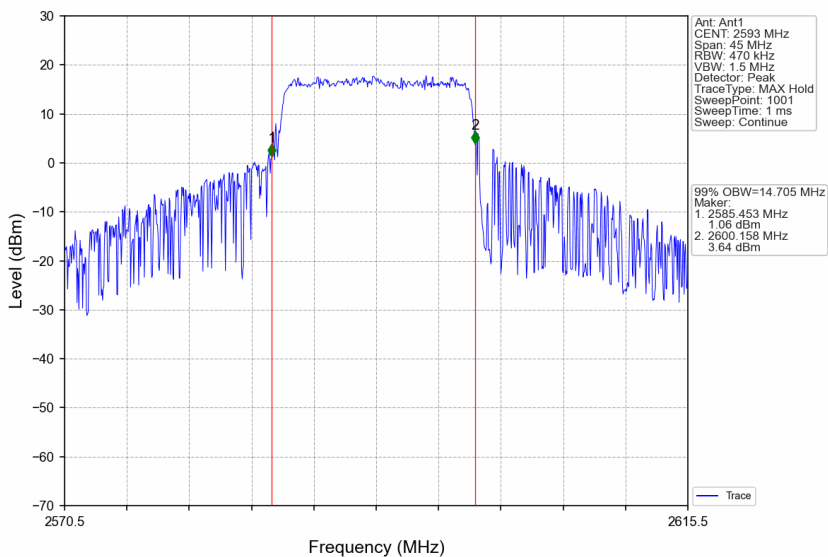
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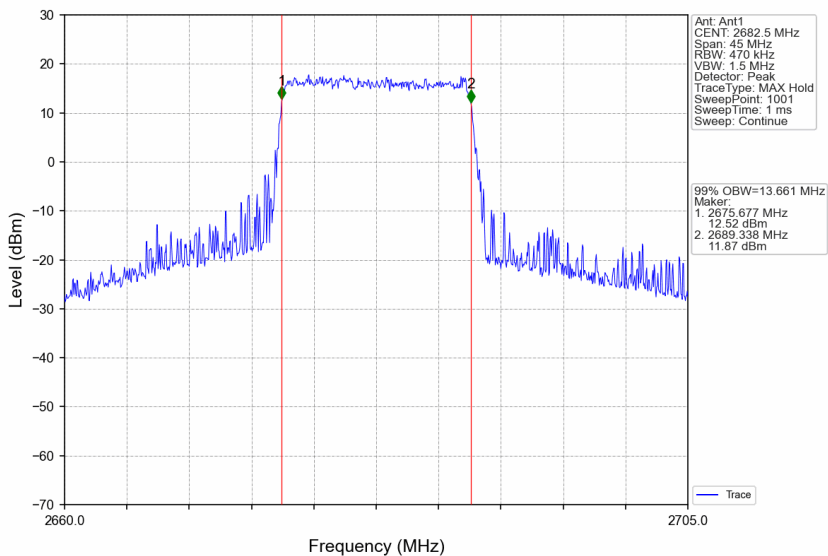
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Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



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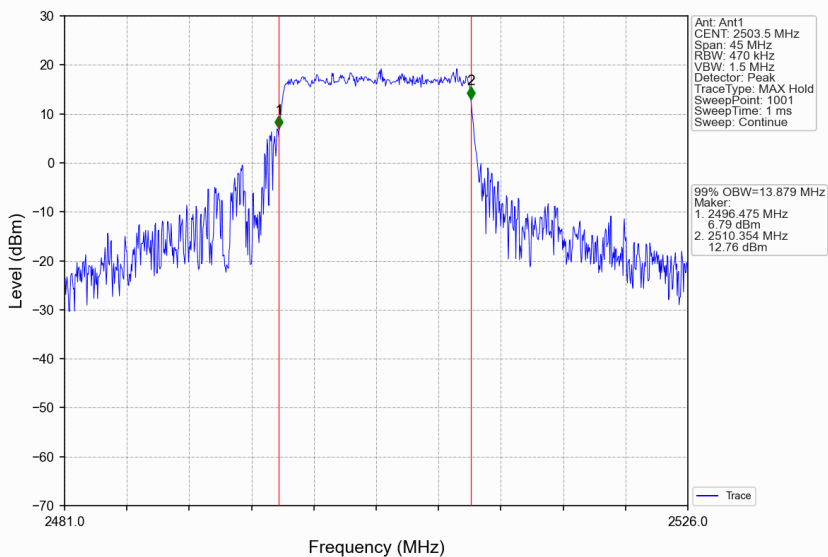
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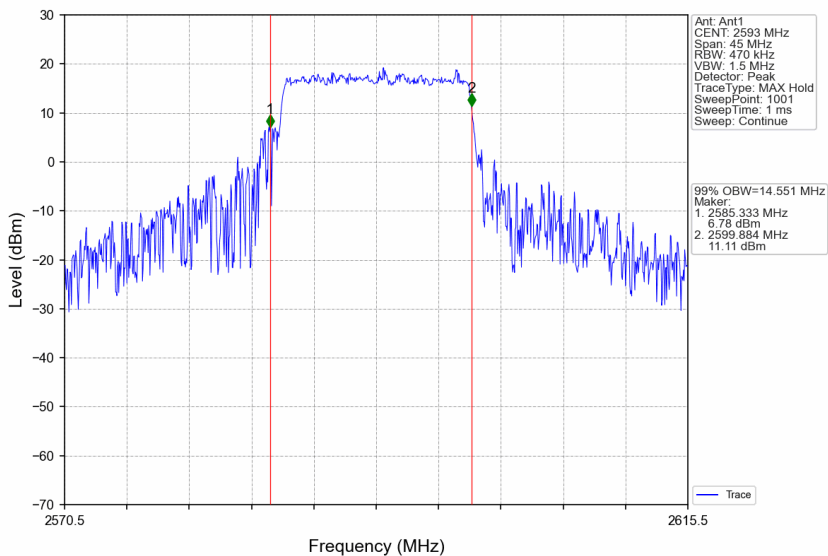
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Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



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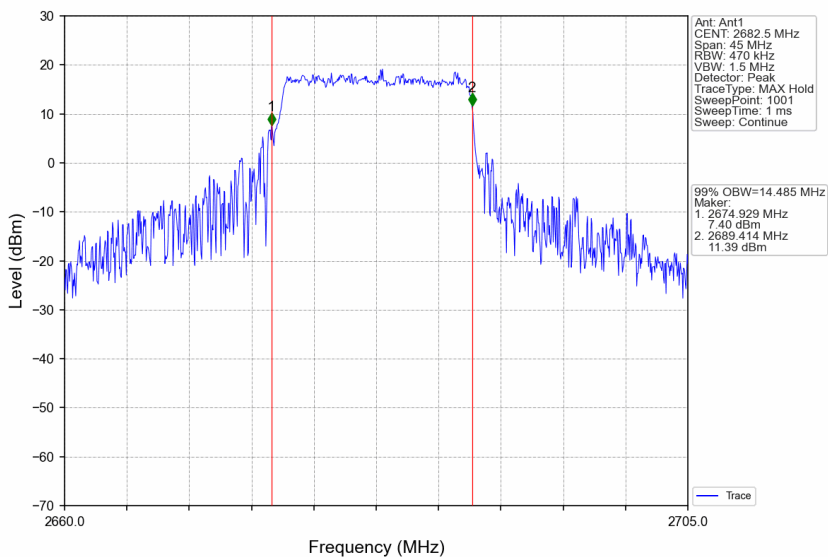
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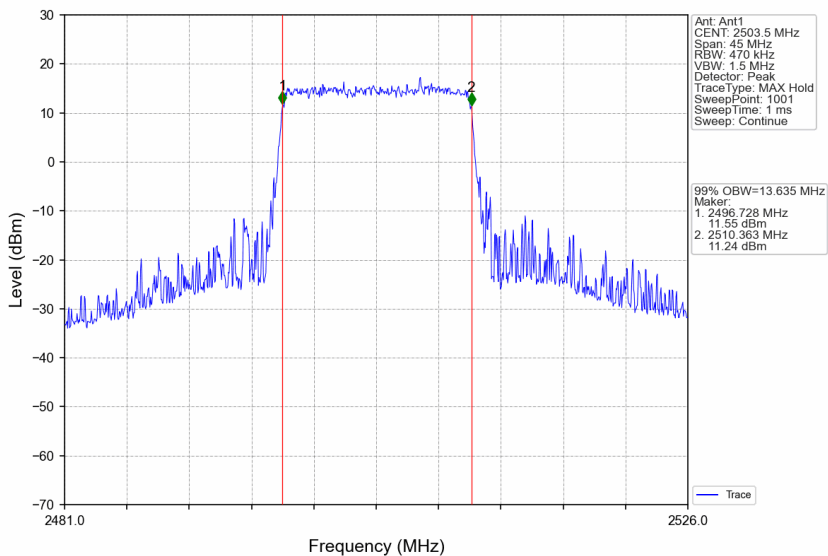
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Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_256QAM_LCH_2503.5MHz_RB_75_0_NTNV



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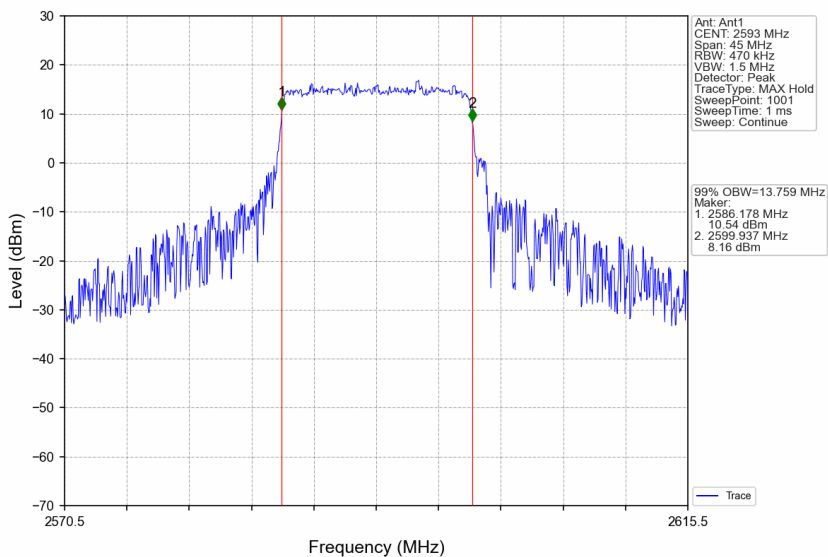
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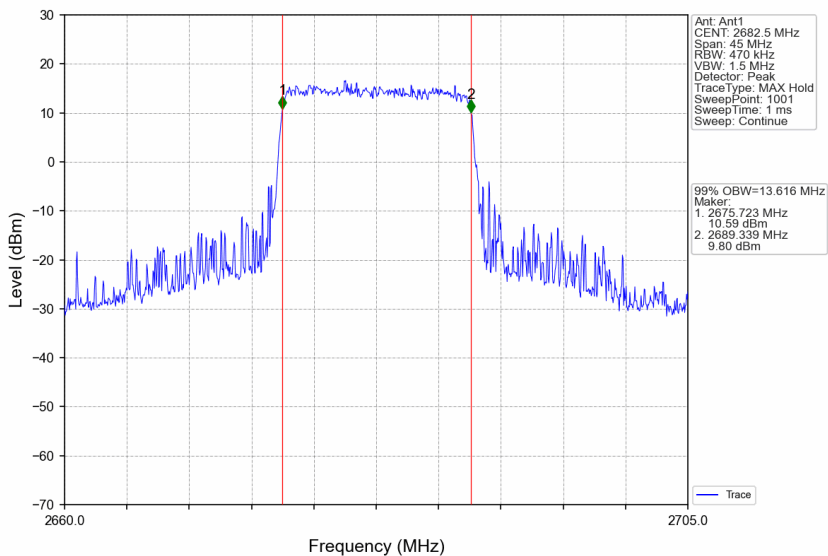
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Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_256QAM_HCH_2682.5MHz_RB_75_0_NTNV



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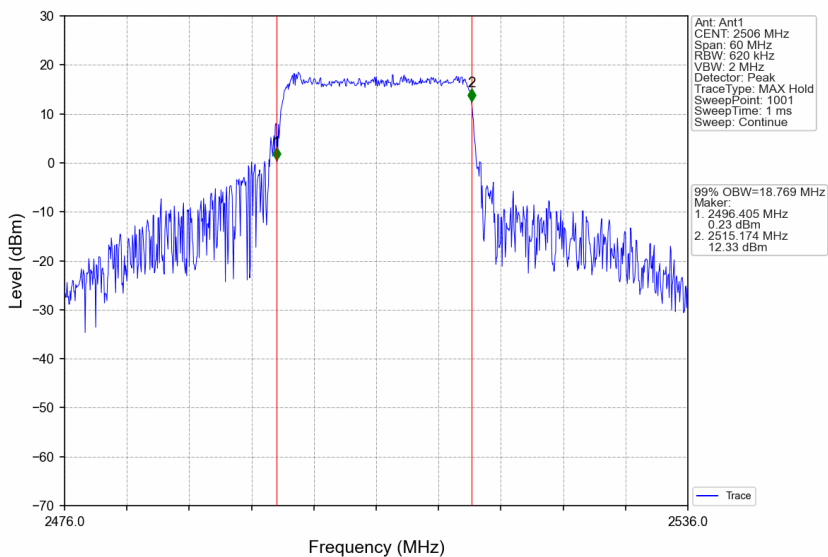
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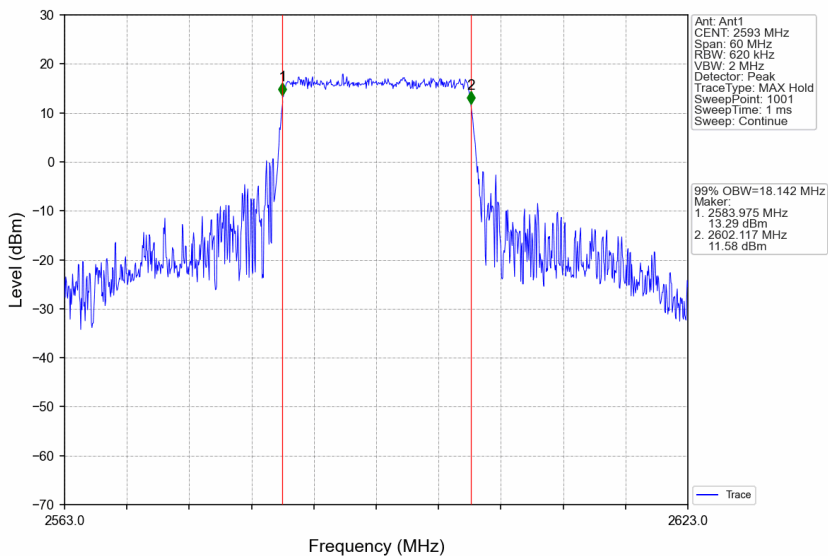
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Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



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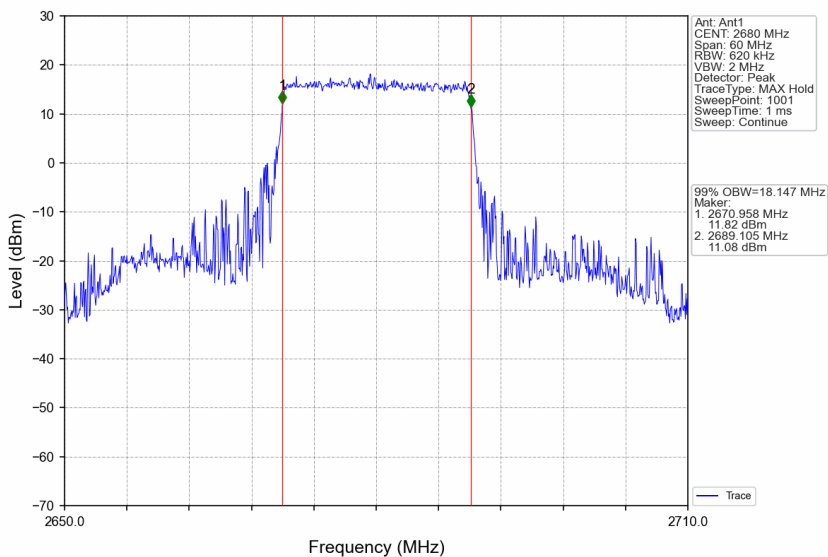
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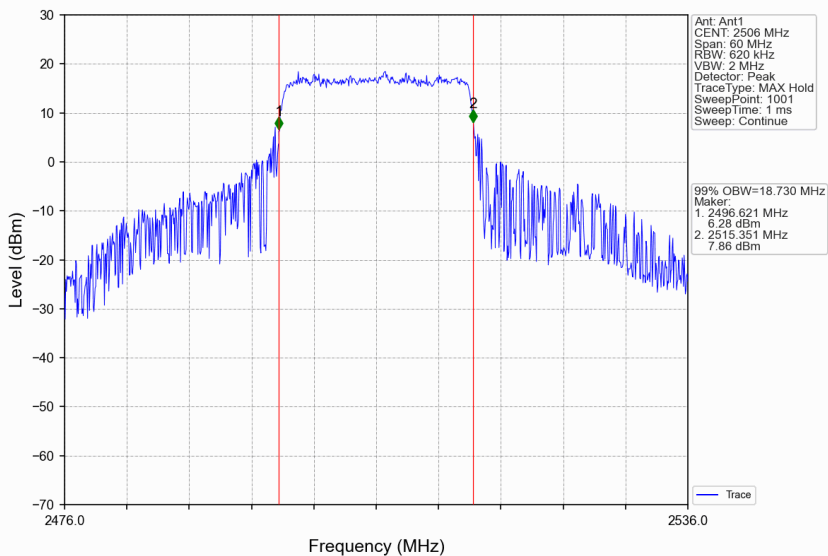
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Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



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



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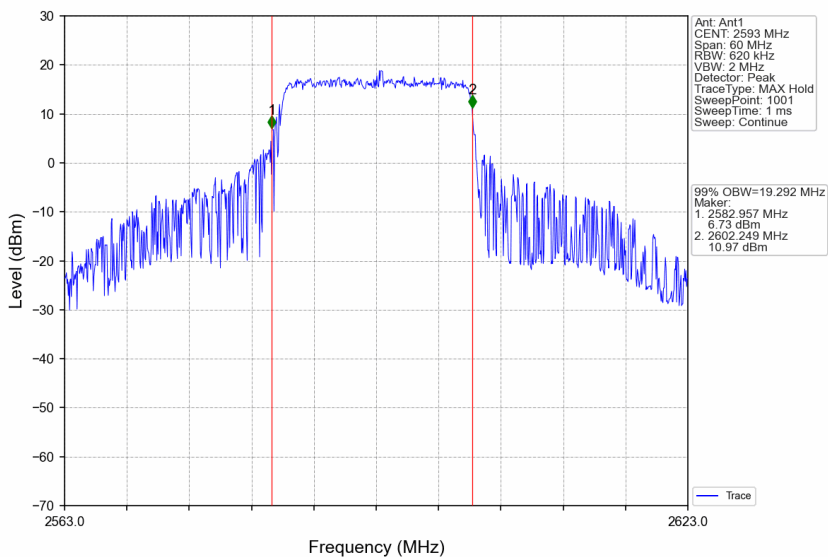
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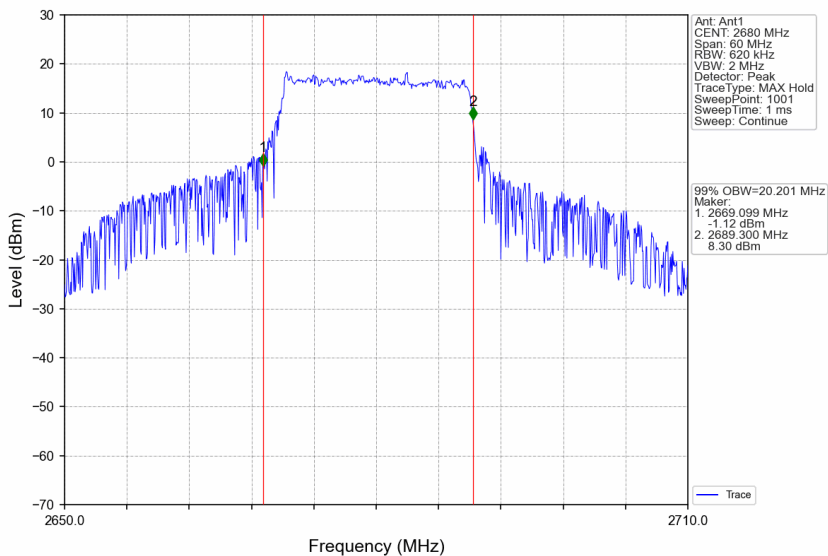
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Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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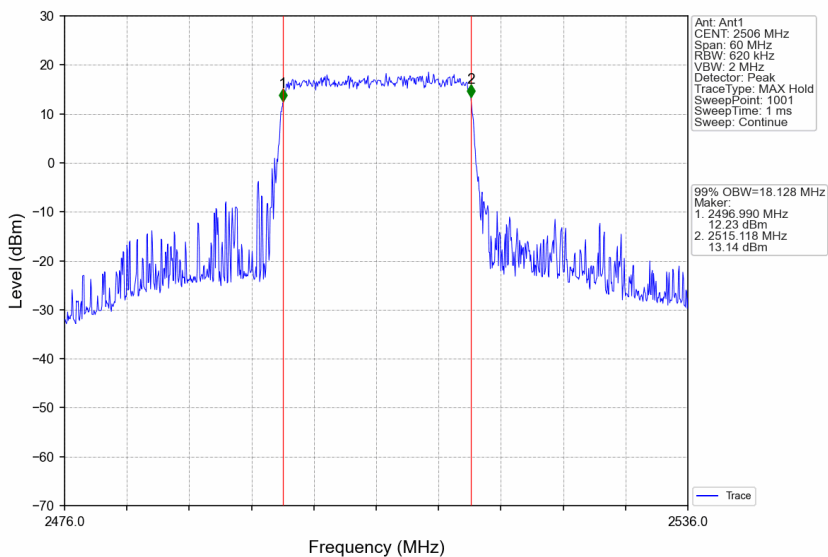
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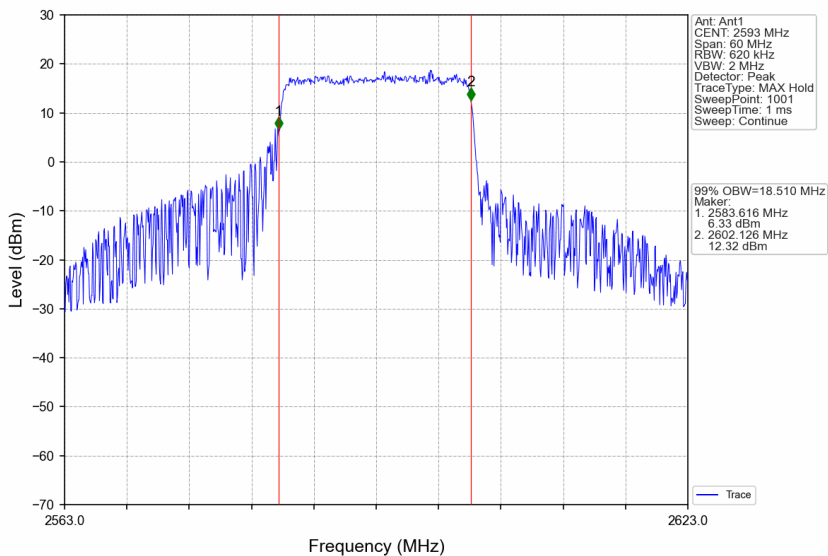
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Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



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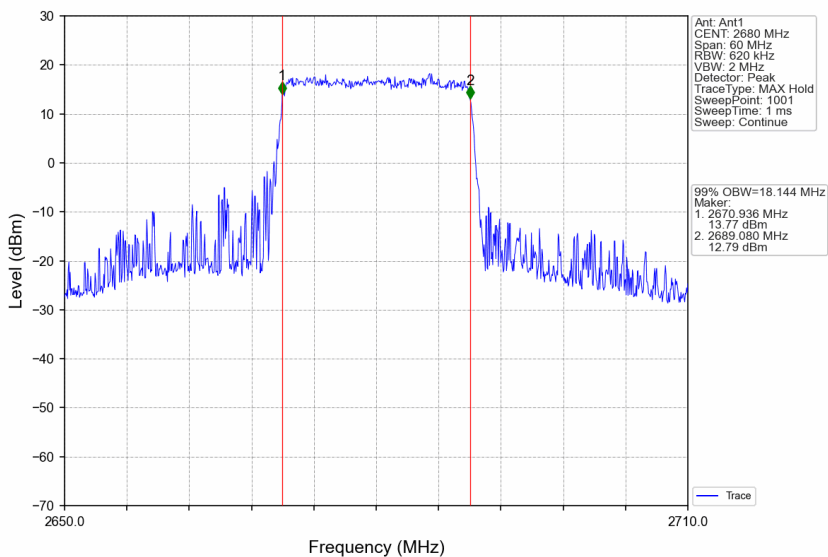
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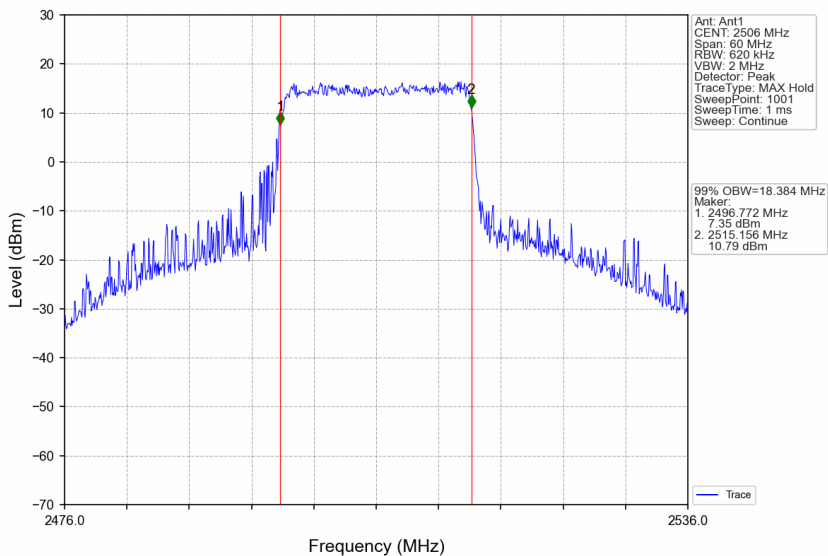
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Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



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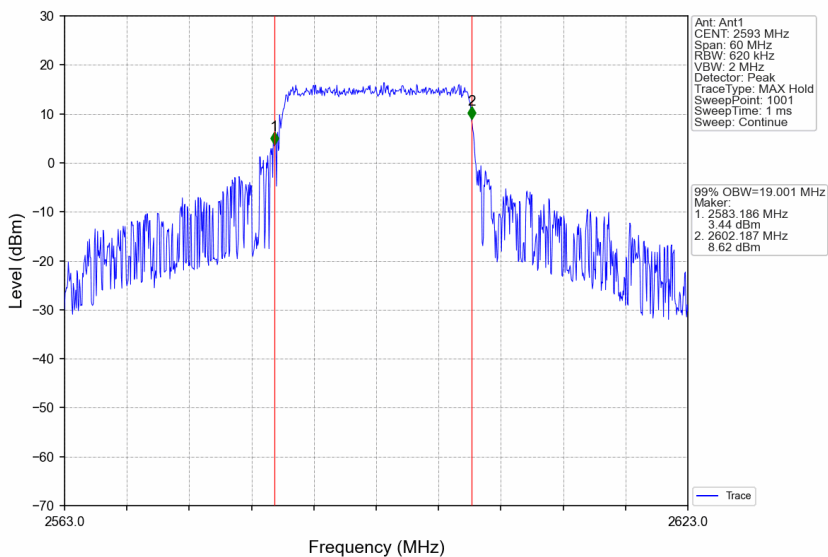
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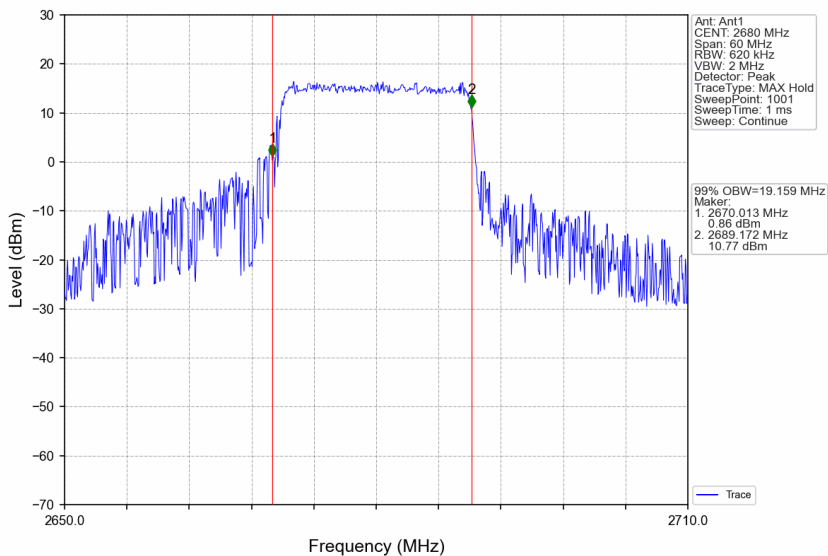
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Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_HCH_2680MHz_RB_100_0_NTNV



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3.2 Band41_XDB

3.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	6.058	/	Pass
		2593	25	0	5.591	/	Pass
		2687.5	25	0	6.314	/	Pass
	16QAM	2498.5	25	0	6.667	/	Pass
		2593	25	0	6.034	/	Pass
		2687.5	25	0	5.715	/	Pass
	64QAM	2498.5	25	0	7.014	/	Pass
		2593	25	0	7.469	/	Pass
		2687.5	25	0	7.520	/	Pass
	256QAM	2498.5	25	0	5.910	/	Pass
		2593	25	0	7.110	/	Pass
		2687.5	25	0	6.796	/	Pass
10	QPSK	2501	50	0	13.534	/	Pass
		2593	50	0	14.022	/	Pass
		2685	50	0	11.965	/	Pass
	16QAM	2501	50	0	18.763	/	Pass
		2593	50	0	13.072	/	Pass
		2685	50	0	12.003	/	Pass
	64QAM	2501	50	0	12.012	/	Pass
		2593	50	0	14.297	/	Pass
		2685	50	0	12.615	/	Pass
	256QAM	2501	50	0	13.282	/	Pass
		2593	50	0	13.898	/	Pass
		2685	50	0	13.015	/	Pass
15	QPSK	2503.5	75	0	16.081	/	Pass
		2593	75	0	32.318	/	Pass
		2682.5	75	0	16.717	/	Pass
	16QAM	2503.5	75	0	29.882	/	Pass
		2593	75	0	33.651	/	Pass
		2682.5	75	0	17.065	/	Pass
	64QAM	2503.5	75	0	21.575	/	Pass
		2593	75	0	27.933	/	Pass
		2682.5	75	0	23.597	/	Pass
	256QAM	2503.5	75	0	15.879	/	Pass
		2593	75	0	22.742	/	Pass
		2682.5	75	0	16.381	/	Pass
20	QPSK	2506	100	0	33.928	/	Pass
		2593	100	0	24.500	/	Pass
		2680	100	0	26.304	/	Pass



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	16QAM	2506	100	0	40.355	/	Pass
		2593	100	0	41.406	/	Pass
		2680	100	0	43.480	/	Pass
	64QAM	2506	100	0	21.673	/	Pass
		2593	100	0	32.006	/	Pass
		2680	100	0	25.131	/	Pass
	256QAM	2506	100	0	25.515	/	Pass
		2593	100	0	39.193	/	Pass
		2680	100	0	37.005	/	Pass



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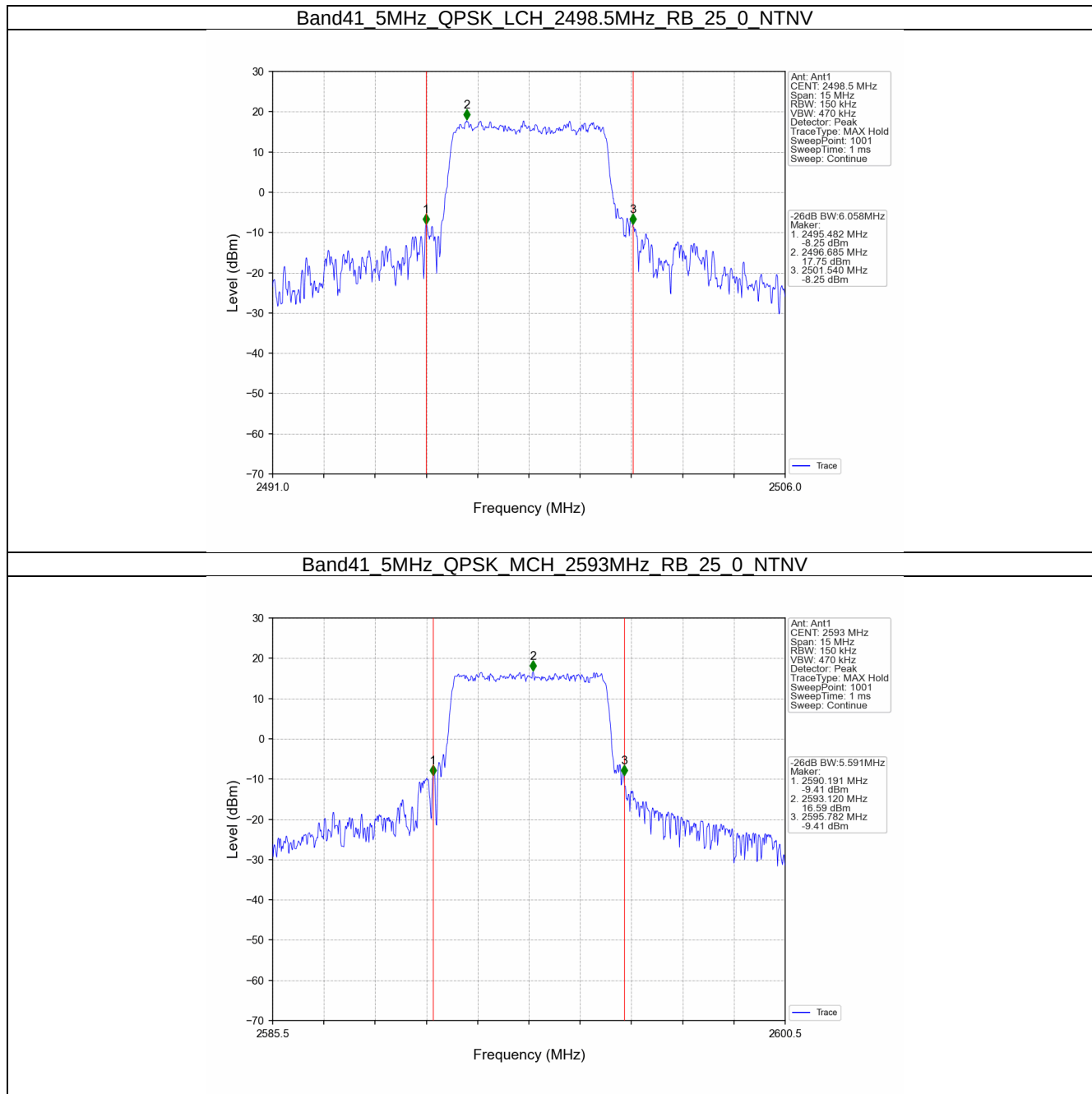
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3.2.2 Test Graph



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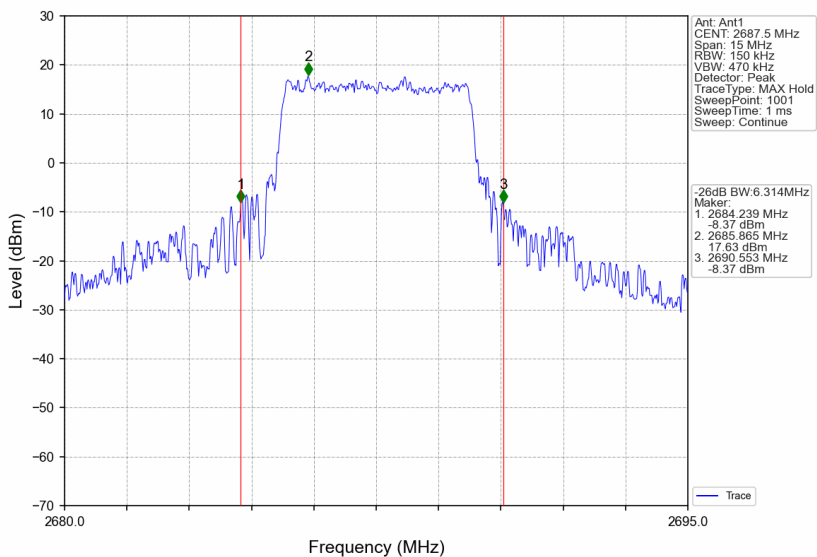
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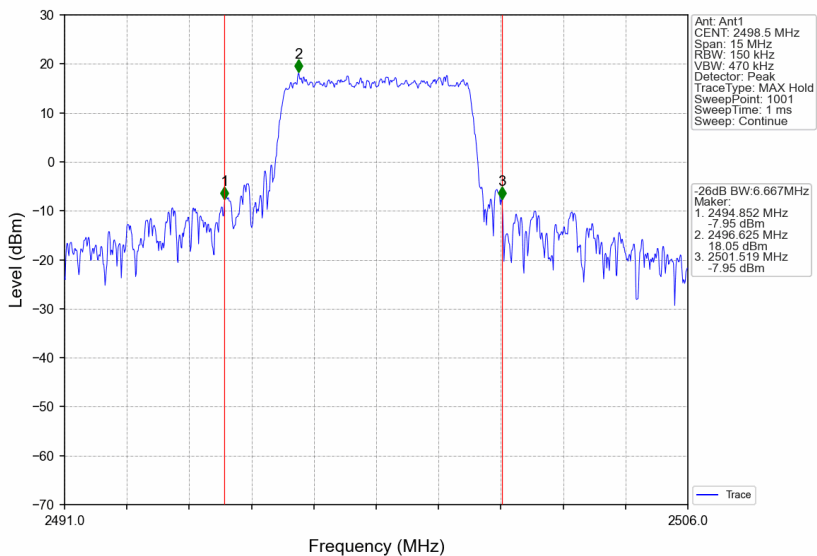
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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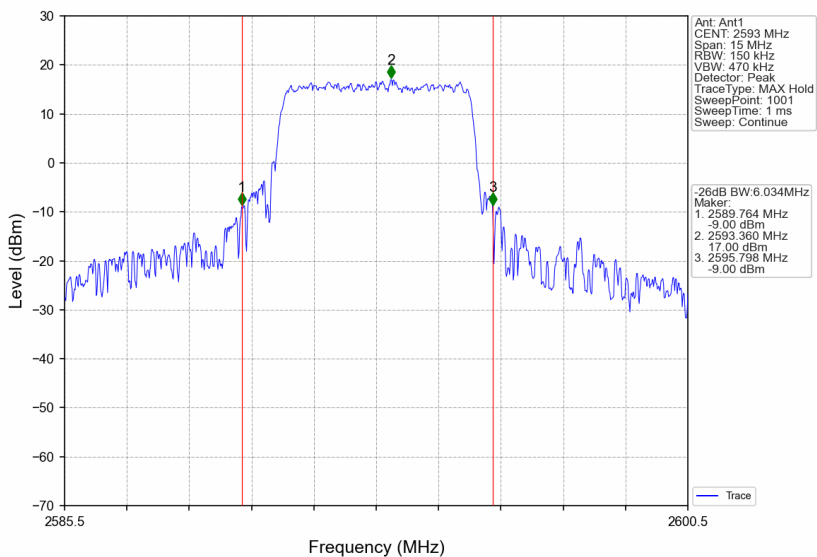
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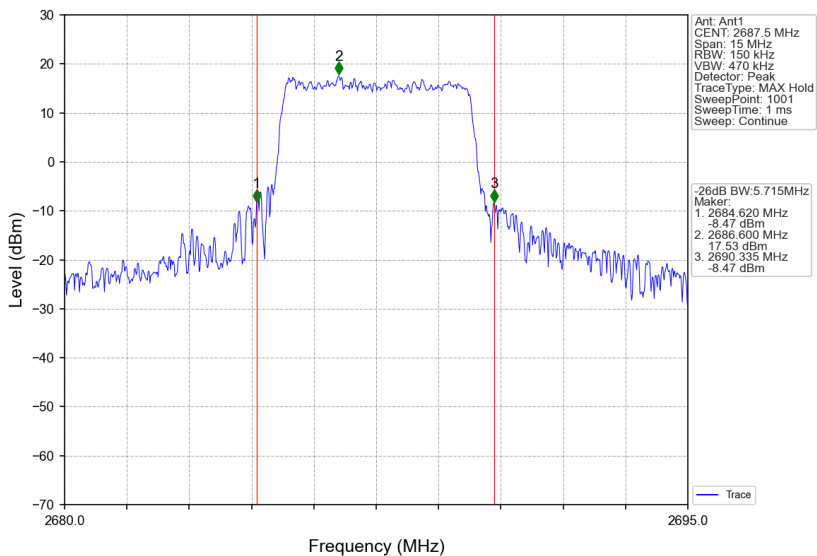
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Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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