



Report No.: SEWM2311000456RG01

Rev.: 01

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Appendix B.17

LTE Band 66



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.90	-1.80	20.10	<=30	Pass
			2	21.85	-1.80	20.05	<=30	Pass
			5	21.97	-1.80	20.17	<=30	Pass
		3	0	21.88	-1.80	20.08	<=30	Pass
			2	21.90	-1.80	20.10	<=30	Pass
			3	21.89	-1.80	20.09	<=30	Pass
		6	0	21.91	-1.80	20.11	<=30	Pass
	1745	1	0	21.38	-1.80	19.58	<=30	Pass
			2	21.36	-1.80	19.56	<=30	Pass
			5	21.35	-1.80	19.55	<=30	Pass
		3	0	21.30	-1.80	19.50	<=30	Pass
			2	21.31	-1.80	19.51	<=30	Pass
			3	21.30	-1.80	19.50	<=30	Pass
		6	0	21.34	-1.80	19.54	<=30	Pass
	1779.3	1	0	21.71	-1.80	19.91	<=30	Pass
			2	21.67	-1.80	19.87	<=30	Pass
			5	21.67	-1.80	19.87	<=30	Pass
		3	0	21.64	-1.80	19.84	<=30	Pass
			2	21.63	-1.80	19.83	<=30	Pass
			3	21.62	-1.80	19.82	<=30	Pass
		6	0	21.64	-1.80	19.84	<=30	Pass
16QAM	1710.7	1	0	22.28	-1.80	20.48	<=30	Pass
			2	22.27	-1.80	20.47	<=30	Pass
			5	22.28	-1.80	20.48	<=30	Pass
		3	0	21.86	-1.80	20.06	<=30	Pass
			2	21.88	-1.80	20.08	<=30	Pass
			3	21.88	-1.80	20.08	<=30	Pass
		6	0	21.90	-1.80	20.10	<=30	Pass
	1745	1	0	21.40	-1.80	19.60	<=30	Pass
			2	21.37	-1.80	19.57	<=30	Pass
			5	21.43	-1.80	19.63	<=30	Pass
		3	0	21.39	-1.80	19.59	<=30	Pass
			2	21.38	-1.80	19.58	<=30	Pass
			3	21.37	-1.80	19.57	<=30	Pass
		6	0	21.41	-1.80	19.61	<=30	Pass
	1779.3	1	0	21.61	-1.80	19.81	<=30	Pass
			2	21.59	-1.80	19.79	<=30	Pass
			5	21.60	-1.80	19.80	<=30	Pass
		3	0	21.47	-1.80	19.67	<=30	Pass



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64QAM	1710.7		2	21.47	-1.80	19.67	<=30	Pass
			3	21.45	-1.80	19.65	<=30	Pass
		6	0	21.67	-1.80	19.87	<=30	Pass
		1	0	26.28	-1.80	24.48	<=30	Pass
			2	26.21	-1.80	24.41	<=30	Pass
			5	26.29	-1.80	24.49	<=30	Pass
		3	0	26.28	-1.80	24.48	<=30	Pass
			2	26.25	-1.80	24.45	<=30	Pass
			3	26.25	-1.80	24.45	<=30	Pass
		6	0	25.50	-1.80	23.70	<=30	Pass
	1745	1	0	26.23	-1.80	24.43	<=30	Pass
			2	26.24	-1.80	24.44	<=30	Pass
			5	26.21	-1.80	24.41	<=30	Pass
		3	0	26.42	-1.80	24.62	<=30	Pass
			2	26.41	-1.80	24.61	<=30	Pass
			3	26.43	-1.80	24.63	<=30	Pass
		6	0	25.36	-1.80	23.56	<=30	Pass
	1779.3	1	0	25.50	-1.80	23.70	<=30	Pass
			2	25.53	-1.80	23.73	<=30	Pass
			5	25.49	-1.80	23.69	<=30	Pass
		3	0	25.72	-1.80	23.92	<=30	Pass
			2	25.71	-1.80	23.91	<=30	Pass
			3	25.73	-1.80	23.93	<=30	Pass
256QAM	1710.7	1	0	23.75	-1.80	21.95	<=30	Pass
			2	23.72	-1.80	21.92	<=30	Pass
			5	23.76	-1.80	21.96	<=30	Pass
		3	0	23.38	-1.80	21.58	<=30	Pass
			2	23.39	-1.80	21.59	<=30	Pass
			3	23.41	-1.80	21.61	<=30	Pass
	1745	1	0	23.56	-1.80	21.76	<=30	Pass
			2	23.39	-1.80	21.59	<=30	Pass
			5	23.40	-1.80	21.60	<=30	Pass
		3	0	23.36	-1.80	21.56	<=30	Pass
			2	23.45	-1.80	21.65	<=30	Pass
			3	23.45	-1.80	21.65	<=30	Pass
	1779.3	1	0	23.48	-1.80	21.68	<=30	Pass
			2	23.43	-1.80	21.63	<=30	Pass
			5	22.67	-1.80	20.87	<=30	Pass
		3	0	22.70	-1.80	20.90	<=30	Pass
			2	22.65	-1.80	20.85	<=30	Pass
			3	22.75	-1.80	20.95	<=30	Pass
	1710.7	1	0	22.75	-1.80	20.95	<=30	Pass
			2	22.75	-1.80	20.95	<=30	Pass
			3	22.76	-1.80	20.96	<=30	Pass
		3	0	22.76	-1.80	20.96	<=30	Pass
			2	22.75	-1.80	20.95	<=30	Pass
			3	22.76	-1.80	20.96	<=30	Pass
	1745	1	0	22.74	-1.80	20.94	<=30	Pass
			2	22.74	-1.80	20.94	<=30	Pass
			5	22.74	-1.80	20.94	<=30	Pass
		3	0	22.74	-1.80	20.94	<=30	Pass
			2	22.74	-1.80	20.94	<=30	Pass
			3	22.74	-1.80	20.94	<=30	Pass
	1779.3	1	0	22.74	-1.80	20.94	<=30	Pass
			2	22.74	-1.80	20.94	<=30	Pass
			5	22.74	-1.80	20.94	<=30	Pass
		3	0	22.74	-1.80	20.94	<=30	Pass
			2	22.74	-1.80	20.94	<=30	Pass
			3	22.74	-1.80	20.94	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.88	-1.80	20.08	<=30	Pass
			7	21.84	-1.80	20.04	<=30	Pass
			14	21.84	-1.80	20.04	<=30	Pass
		8	0	21.89	-1.80	20.09	<=30	Pass
			4	21.89	-1.80	20.09	<=30	Pass
			7	21.89	-1.80	20.09	<=30	Pass
		15	0	21.86	-1.80	20.06	<=30	Pass
	1745	1	0	21.42	-1.80	19.62	<=30	Pass
			7	21.43	-1.80	19.63	<=30	Pass
			14	21.43	-1.80	19.63	<=30	Pass
		8	0	21.35	-1.80	19.55	<=30	Pass
			4	21.35	-1.80	19.55	<=30	Pass
			7	21.37	-1.80	19.57	<=30	Pass
		15	0	21.34	-1.80	19.54	<=30	Pass
	1778.5	1	0	21.71	-1.80	19.91	<=30	Pass
			7	21.72	-1.80	19.92	<=30	Pass
			14	21.72	-1.80	19.92	<=30	Pass
		8	0	21.71	-1.80	19.91	<=30	Pass
			4	21.66	-1.80	19.86	<=30	Pass
			7	21.67	-1.80	19.87	<=30	Pass
		15	0	21.68	-1.80	19.88	<=30	Pass
16QAM	1711.5	1	0	21.94	-1.80	20.14	<=30	Pass
			7	21.94	-1.80	20.14	<=30	Pass
			14	21.90	-1.80	20.10	<=30	Pass
		8	0	21.88	-1.80	20.08	<=30	Pass
			4	21.85	-1.80	20.05	<=30	Pass
			7	21.89	-1.80	20.09	<=30	Pass
		15	0	21.84	-1.80	20.04	<=30	Pass
	1745	1	0	21.37	-1.80	19.57	<=30	Pass
			7	21.35	-1.80	19.55	<=30	Pass
			14	21.36	-1.80	19.56	<=30	Pass
		8	0	21.34	-1.80	19.54	<=30	Pass
			4	21.34	-1.80	19.54	<=30	Pass
			7	21.35	-1.80	19.55	<=30	Pass
		15	0	21.43	-1.80	19.63	<=30	Pass
	1778.5	1	0	22.01	-1.80	20.21	<=30	Pass
			7	22.08	-1.80	20.28	<=30	Pass
			14	22.08	-1.80	20.28	<=30	Pass
		8	0	21.79	-1.80	19.99	<=30	Pass
			4	21.77	-1.80	19.97	<=30	Pass
			7	21.75	-1.80	19.95	<=30	Pass



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		15	0	21.71	-1.80	19.91	<=30	Pass
64QAM	1711.5	1	0	26.33	-1.80	24.53	<=30	Pass
			7	26.31	-1.80	24.51	<=30	Pass
			14	26.27	-1.80	24.47	<=30	Pass
			0	25.55	-1.80	23.75	<=30	Pass
		8	4	25.52	-1.80	23.72	<=30	Pass
			7	25.54	-1.80	23.74	<=30	Pass
			15	25.52	-1.80	23.72	<=30	Pass
		1745	0	26.24	-1.80	24.44	<=30	Pass
			7	26.23	-1.80	24.43	<=30	Pass
			14	26.24	-1.80	24.44	<=30	Pass
			0	26.23	-1.80	24.43	<=30	Pass
			4	26.23	-1.80	24.43	<=30	Pass
			7	26.26	-1.80	24.46	<=30	Pass
			15	26.23	-1.80	24.43	<=30	Pass
		1778.5	0	25.49	-1.80	23.69	<=30	Pass
			7	25.52	-1.80	23.72	<=30	Pass
			14	25.55	-1.80	23.75	<=30	Pass
			0	24.82	-1.80	23.02	<=30	Pass
			4	24.76	-1.80	22.96	<=30	Pass
			7	24.77	-1.80	22.97	<=30	Pass
			15	24.75	-1.80	22.95	<=30	Pass
256QAM	1711.5	1	0	23.77	-1.80	21.97	<=30	Pass
			7	23.76	-1.80	21.96	<=30	Pass
			14	23.72	-1.80	21.92	<=30	Pass
			0	23.57	-1.80	21.77	<=30	Pass
		8	4	23.55	-1.80	21.75	<=30	Pass
			7	23.60	-1.80	21.80	<=30	Pass
			15	23.56	-1.80	21.76	<=30	Pass
		1745	0	23.53	-1.80	21.73	<=30	Pass
			7	23.53	-1.80	21.73	<=30	Pass
			14	23.53	-1.80	21.73	<=30	Pass
			0	23.29	-1.80	21.49	<=30	Pass
			4	23.29	-1.80	21.49	<=30	Pass
			7	23.28	-1.80	21.48	<=30	Pass
			15	23.38	-1.80	21.58	<=30	Pass
		1778.5	0	22.63	-1.80	20.83	<=30	Pass
			7	22.70	-1.80	20.90	<=30	Pass
			14	22.68	-1.80	20.88	<=30	Pass
			0	22.78	-1.80	20.98	<=30	Pass
			4	22.75	-1.80	20.95	<=30	Pass
			7	22.75	-1.80	20.95	<=30	Pass
			15	22.79	-1.80	20.99	<=30	Pass

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1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.93	-1.80	20.13	<=30	Pass
			13	21.89	-1.80	20.09	<=30	Pass
			24	21.83	-1.80	20.03	<=30	Pass
		12	0	21.90	-1.80	20.10	<=30	Pass
			6	21.90	-1.80	20.10	<=30	Pass
			13	21.85	-1.80	20.05	<=30	Pass
		25	0	21.92	-1.80	20.12	<=30	Pass
	1745	1	0	21.43	-1.80	19.63	<=30	Pass
			13	21.43	-1.80	19.63	<=30	Pass
			24	21.43	-1.80	19.63	<=30	Pass
		12	0	21.40	-1.80	19.60	<=30	Pass
			6	21.40	-1.80	19.60	<=30	Pass
			13	21.38	-1.80	19.58	<=30	Pass
		25	0	21.41	-1.80	19.61	<=30	Pass
	1777.5	1	0	21.71	-1.80	19.91	<=30	Pass
			13	21.70	-1.80	19.90	<=30	Pass
			24	21.73	-1.80	19.93	<=30	Pass
		12	0	21.70	-1.80	19.90	<=30	Pass
			6	21.68	-1.80	19.88	<=30	Pass
			13	21.68	-1.80	19.88	<=30	Pass
		25	0	21.73	-1.80	19.93	<=30	Pass
16QAM	1712.5	1	0	22.10	-1.80	20.30	<=30	Pass
			13	22.07	-1.80	20.27	<=30	Pass
			24	22.00	-1.80	20.20	<=30	Pass
		12	0	21.90	-1.80	20.10	<=30	Pass
			6	21.90	-1.80	20.10	<=30	Pass
			13	21.86	-1.80	20.06	<=30	Pass
		25	0	21.87	-1.80	20.07	<=30	Pass
	1745	1	0	21.90	-1.80	20.10	<=30	Pass
			13	21.91	-1.80	20.11	<=30	Pass
			24	21.88	-1.80	20.08	<=30	Pass
		12	0	21.42	-1.80	19.62	<=30	Pass
			6	21.44	-1.80	19.64	<=30	Pass
			13	21.42	-1.80	19.62	<=30	Pass
		25	0	21.41	-1.80	19.61	<=30	Pass
	1777.5	1	0	21.68	-1.80	19.88	<=30	Pass
			13	21.67	-1.80	19.87	<=30	Pass
			24	21.67	-1.80	19.87	<=30	Pass
		12	0	21.80	-1.80	20.00	<=30	Pass
			6	21.75	-1.80	19.95	<=30	Pass
			13	21.76	-1.80	19.96	<=30	Pass



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		25	0	21.78	-1.80	19.98	<=30	Pass	
64QAM	1712.5	1	0	26.40	-1.80	24.60	<=30	Pass	
			13	26.33	-1.80	24.53	<=30	Pass	
			24	26.33	-1.80	24.53	<=30	Pass	
			0	25.48	-1.80	23.68	<=30	Pass	
		12	6	25.47	-1.80	23.67	<=30	Pass	
			13	25.45	-1.80	23.65	<=30	Pass	
			25	0	25.45	-1.80	23.65	<=30	Pass
		1745	1	0	26.34	-1.80	24.54	<=30	Pass
				13	26.35	-1.80	24.55	<=30	Pass
	24			26.35	-1.80	24.55	<=30	Pass	
	0			26.34	-1.80	24.54	<=30	Pass	
	12		6	26.36	-1.80	24.56	<=30	Pass	
			13	26.35	-1.80	24.55	<=30	Pass	
			25	0	26.35	-1.80	24.55	<=30	Pass
	1777.5		1	0	25.57	-1.80	23.77	<=30	Pass
				13	25.57	-1.80	23.77	<=30	Pass
		24		25.61	-1.80	23.81	<=30	Pass	
		0		24.76	-1.80	22.96	<=30	Pass	
		12	6	24.74	-1.80	22.94	<=30	Pass	
			13	24.72	-1.80	22.92	<=30	Pass	
			25	0	24.70	-1.80	22.90	<=30	Pass
256QAM		1712.5	1	0	23.90	-1.80	22.10	<=30	Pass
				13	23.85	-1.80	22.05	<=30	Pass
	24			23.82	-1.80	22.02	<=30	Pass	
	12		0	23.58	-1.80	21.78	<=30	Pass	
			6	23.56	-1.80	21.76	<=30	Pass	
			13	23.53	-1.80	21.73	<=30	Pass	
	25		0	23.50	-1.80	21.70	<=30	Pass	
	1745	1	0	23.73	-1.80	21.93	<=30	Pass	
			13	23.71	-1.80	21.91	<=30	Pass	
			24	23.71	-1.80	21.91	<=30	Pass	
		12	0	23.48	-1.80	21.68	<=30	Pass	
			6	23.46	-1.80	21.66	<=30	Pass	
			13	23.45	-1.80	21.65	<=30	Pass	
		25	0	23.46	-1.80	21.66	<=30	Pass	
	1777.5	1	0	23.10	-1.80	21.30	<=30	Pass	
			13	23.08	-1.80	21.28	<=30	Pass	
			24	23.12	-1.80	21.32	<=30	Pass	
		12	0	22.82	-1.80	21.02	<=30	Pass	
			6	22.79	-1.80	20.99	<=30	Pass	
			13	22.82	-1.80	21.02	<=30	Pass	
		25	0	22.77	-1.80	20.97	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain



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1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.97	-1.80	20.17	<=30	Pass
			25	21.76	-1.80	19.96	<=30	Pass
			49	21.82	-1.80	20.02	<=30	Pass
		25	0	21.86	-1.80	20.06	<=30	Pass
			13	21.82	-1.80	20.02	<=30	Pass
			25	21.82	-1.80	20.02	<=30	Pass
		50	0	21.85	-1.80	20.05	<=30	Pass
	1745	1	0	21.56	-1.80	19.76	<=30	Pass
			25	21.45	-1.80	19.65	<=30	Pass
			49	21.53	-1.80	19.73	<=30	Pass
		25	0	21.43	-1.80	19.63	<=30	Pass
			13	21.40	-1.80	19.60	<=30	Pass
			25	21.42	-1.80	19.62	<=30	Pass
		50	0	21.43	-1.80	19.63	<=30	Pass
	1775	1	0	21.76	-1.80	19.96	<=30	Pass
			25	21.76	-1.80	19.96	<=30	Pass
			49	21.81	-1.80	20.01	<=30	Pass
		25	0	21.68	-1.80	19.88	<=30	Pass
			13	21.68	-1.80	19.88	<=30	Pass
			25	21.68	-1.80	19.88	<=30	Pass
		50	0	21.69	-1.80	19.89	<=30	Pass
16QAM	1715	1	0	22.04	-1.80	20.24	<=30	Pass
			25	21.85	-1.80	20.05	<=30	Pass
			49	21.90	-1.80	20.10	<=30	Pass
		25	0	21.88	-1.80	20.08	<=30	Pass
			13	21.82	-1.80	20.02	<=30	Pass
			25	21.85	-1.80	20.05	<=30	Pass
		50	0	21.82	-1.80	20.02	<=30	Pass
	1745	1	0	21.51	-1.80	19.71	<=30	Pass
			25	21.40	-1.80	19.60	<=30	Pass
			49	21.49	-1.80	19.69	<=30	Pass
		25	0	21.46	-1.80	19.66	<=30	Pass
			13	21.45	-1.80	19.65	<=30	Pass
			25	21.45	-1.80	19.65	<=30	Pass
		50	0	21.40	-1.80	19.60	<=30	Pass
	1775	1	0	22.14	-1.80	20.34	<=30	Pass
			25	22.08	-1.80	20.28	<=30	Pass
			49	22.19	-1.80	20.39	<=30	Pass
		25	0	21.69	-1.80	19.89	<=30	Pass
			13	21.68	-1.80	19.88	<=30	Pass
			25	21.67	-1.80	19.87	<=30	Pass



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		50	0	21.68	-1.80	19.88	<=30	Pass
64QAM	1715	1	0	26.59	-1.80	24.79	<=30	Pass
			25	26.42	-1.80	24.62	<=30	Pass
			49	26.54	-1.80	24.74	<=30	Pass
			0	25.54	-1.80	23.74	<=30	Pass
		25	13	25.50	-1.80	23.70	<=30	Pass
			25	25.55	-1.80	23.75	<=30	Pass
		50	0	25.56	-1.80	23.76	<=30	Pass
	1745	1	0	26.64	-1.80	24.84	<=30	Pass
			25	26.64	-1.80	24.84	<=30	Pass
			49	26.63	-1.80	24.83	<=30	Pass
		25	0	26.63	-1.80	24.83	<=30	Pass
			13	26.63	-1.80	24.83	<=30	Pass
			25	26.63	-1.80	24.83	<=30	Pass
		50	0	26.64	-1.80	24.84	<=30	Pass
	1775	1	0	25.76	-1.80	23.96	<=30	Pass
			25	25.70	-1.80	23.90	<=30	Pass
			49	25.79	-1.80	23.99	<=30	Pass
		25	0	24.79	-1.80	22.99	<=30	Pass
			13	24.79	-1.80	22.99	<=30	Pass
			25	24.77	-1.80	22.97	<=30	Pass
		50	0	24.78	-1.80	22.98	<=30	Pass
256QAM	1715	1	0	23.70	-1.80	21.90	<=30	Pass
			25	23.51	-1.80	21.71	<=30	Pass
			49	23.62	-1.80	21.82	<=30	Pass
		25	0	23.55	-1.80	21.75	<=30	Pass
			13	23.50	-1.80	21.70	<=30	Pass
			25	23.56	-1.80	21.76	<=30	Pass
		50	0	23.57	-1.80	21.77	<=30	Pass
	1745	1	0	23.82	-1.80	22.02	<=30	Pass
			25	23.71	-1.80	21.91	<=30	Pass
			49	23.78	-1.80	21.98	<=30	Pass
		25	0	23.46	-1.80	21.66	<=30	Pass
			13	23.46	-1.80	21.66	<=30	Pass
			25	23.48	-1.80	21.68	<=30	Pass
		50	0	23.47	-1.80	21.67	<=30	Pass
	1775	1	0	22.89	-1.80	21.09	<=30	Pass
			25	22.79	-1.80	20.99	<=30	Pass
			49	22.91	-1.80	21.11	<=30	Pass
		25	0	22.80	-1.80	21.00	<=30	Pass
			13	22.79	-1.80	20.99	<=30	Pass
			25	22.77	-1.80	20.97	<=30	Pass
		50	0	22.80	-1.80	21.00	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.92	-1.80	20.12	<=30	Pass
			38	21.77	-1.80	19.97	<=30	Pass
			74	21.71	-1.80	19.91	<=30	Pass
		36	0	21.87	-1.80	20.07	<=30	Pass
			18	21.81	-1.80	20.01	<=30	Pass
			39	21.74	-1.80	19.94	<=30	Pass
		75	0	21.82	-1.80	20.02	<=30	Pass
	1745	1	0	21.53	-1.80	19.73	<=30	Pass
			38	21.48	-1.80	19.68	<=30	Pass
			74	21.49	-1.80	19.69	<=30	Pass
		36	0	21.43	-1.80	19.63	<=30	Pass
			18	21.41	-1.80	19.61	<=30	Pass
			39	21.41	-1.80	19.61	<=30	Pass
		75	0	21.42	-1.80	19.62	<=30	Pass
	1772.5	1	0	21.60	-1.80	19.80	<=30	Pass
			38	21.70	-1.80	19.90	<=30	Pass
			74	21.74	-1.80	19.94	<=30	Pass
		36	0	21.62	-1.80	19.82	<=30	Pass
			18	21.63	-1.80	19.83	<=30	Pass
			39	21.68	-1.80	19.88	<=30	Pass
		75	0	21.64	-1.80	19.84	<=30	Pass
16QAM	1717.5	1	0	22.00	-1.80	20.20	<=30	Pass
			38	21.87	-1.80	20.07	<=30	Pass
			74	21.79	-1.80	19.99	<=30	Pass
		36	0	21.82	-1.80	20.02	<=30	Pass
			18	21.77	-1.80	19.97	<=30	Pass
			39	21.72	-1.80	19.92	<=30	Pass
		75	0	21.84	-1.80	20.04	<=30	Pass
	1745	1	0	21.49	-1.80	19.69	<=30	Pass
			38	21.43	-1.80	19.63	<=30	Pass
			74	21.46	-1.80	19.66	<=30	Pass
		36	0	21.43	-1.80	19.63	<=30	Pass
			18	21.42	-1.80	19.62	<=30	Pass
			39	21.41	-1.80	19.61	<=30	Pass
		75	0	21.43	-1.80	19.63	<=30	Pass
	1772.5	1	0	21.63	-1.80	19.83	<=30	Pass
			38	21.70	-1.80	19.90	<=30	Pass
			74	21.76	-1.80	19.96	<=30	Pass
		36	0	21.61	-1.80	19.81	<=30	Pass
			18	21.65	-1.80	19.85	<=30	Pass
			39	21.68	-1.80	19.88	<=30	Pass



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		75	0	21.66	-1.80	19.86	<=30	Pass
64QAM	1717.5	1	0	26.63	-1.80	24.83	<=30	Pass
			38	26.54	-1.80	24.74	<=30	Pass
			74	26.56	-1.80	24.76	<=30	Pass
			0	25.57	-1.80	23.77	<=30	Pass
		36	18	25.56	-1.80	23.76	<=30	Pass
			39	25.57	-1.80	23.77	<=30	Pass
			75	25.63	-1.80	23.83	<=30	Pass
		1745	1	0	-1.80	24.59	<=30	Pass
				38	-1.80	24.61	<=30	Pass
				74	-1.80	24.58	<=30	Pass
		36	0	25.44	-1.80	23.64	<=30	Pass
			18	25.42	-1.80	23.62	<=30	Pass
			39	25.41	-1.80	23.61	<=30	Pass
			75	25.47	-1.80	23.67	<=30	Pass
	1772.5	1	0	25.88	-1.80	24.08	<=30	Pass
			38	25.78	-1.80	23.98	<=30	Pass
			74	25.83	-1.80	24.03	<=30	Pass
		36	0	24.81	-1.80	23.01	<=30	Pass
			18	24.79	-1.80	22.99	<=30	Pass
			39	24.81	-1.80	23.01	<=30	Pass
			75	24.84	-1.80	23.04	<=30	Pass
256QAM	1717.5	1	0	23.70	-1.80	21.90	<=30	Pass
			38	23.60	-1.80	21.80	<=30	Pass
			74	23.65	-1.80	21.85	<=30	Pass
			0	23.55	-1.80	21.75	<=30	Pass
		36	18	23.54	-1.80	21.74	<=30	Pass
			39	23.55	-1.80	21.75	<=30	Pass
			75	23.62	-1.80	21.82	<=30	Pass
		1745	1	0	-1.80	21.74	<=30	Pass
				38	-1.80	21.70	<=30	Pass
				74	-1.80	21.66	<=30	Pass
		36	0	23.41	-1.80	21.61	<=30	Pass
			18	23.41	-1.80	21.61	<=30	Pass
			39	23.40	-1.80	21.60	<=30	Pass
			75	23.46	-1.80	21.66	<=30	Pass
	1772.5	1	0	22.90	-1.80	21.10	<=30	Pass
			38	22.88	-1.80	21.08	<=30	Pass
			74	22.90	-1.80	21.10	<=30	Pass
		36	0	22.78	-1.80	20.98	<=30	Pass
			18	22.79	-1.80	20.99	<=30	Pass
			39	22.79	-1.80	20.99	<=30	Pass
			75	22.83	-1.80	21.03	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain



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1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.01	-1.80	20.21	<=30	Pass
			50	21.82	-1.80	20.02	<=30	Pass
			99	21.62	-1.80	19.82	<=30	Pass
		50	0	21.86	-1.80	20.06	<=30	Pass
			25	21.82	-1.80	20.02	<=30	Pass
			50	21.71	-1.80	19.91	<=30	Pass
		100	0	21.78	-1.80	19.98	<=30	Pass
	1745	1	0	21.61	-1.80	19.81	<=30	Pass
			50	21.51	-1.80	19.71	<=30	Pass
			99	21.53	-1.80	19.73	<=30	Pass
		50	0	21.44	-1.80	19.64	<=30	Pass
			25	21.46	-1.80	19.66	<=30	Pass
			50	21.45	-1.80	19.65	<=30	Pass
		100	0	21.43	-1.80	19.63	<=30	Pass
	1770	1	0	21.54	-1.80	19.74	<=30	Pass
			50	21.66	-1.80	19.86	<=30	Pass
			99	21.76	-1.80	19.96	<=30	Pass
		50	0	21.54	-1.80	19.74	<=30	Pass
			25	21.61	-1.80	19.81	<=30	Pass
			50	21.62	-1.80	19.82	<=30	Pass
		100	0	21.58	-1.80	19.78	<=30	Pass
16QAM	1720	1	0	22.42	-1.80	20.62	<=30	Pass
			50	22.26	-1.80	20.46	<=30	Pass
			99	22.07	-1.80	20.27	<=30	Pass
		50	0	21.84	-1.80	20.04	<=30	Pass
			25	21.80	-1.80	20.00	<=30	Pass
			50	21.70	-1.80	19.90	<=30	Pass
		100	0	21.77	-1.80	19.97	<=30	Pass
	1745	1	0	21.45	-1.80	19.65	<=30	Pass
			50	21.38	-1.80	19.58	<=30	Pass
			99	21.38	-1.80	19.58	<=30	Pass
		50	0	21.45	-1.80	19.65	<=30	Pass
			25	21.43	-1.80	19.63	<=30	Pass
			50	21.43	-1.80	19.63	<=30	Pass
		100	0	21.46	-1.80	19.66	<=30	Pass
	1770	1	0	21.64	-1.80	19.84	<=30	Pass
			50	21.76	-1.80	19.96	<=30	Pass
			99	21.83	-1.80	20.03	<=30	Pass
		50	0	21.51	-1.80	19.71	<=30	Pass
			25	21.58	-1.80	19.78	<=30	Pass
			50	21.59	-1.80	19.79	<=30	Pass



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		100	0	21.60	-1.80	19.80	<=30	Pass
64QAM	1720	1	0	26.53	-1.80	24.73	<=30	Pass
			50	26.45	-1.80	24.65	<=30	Pass
			99	26.46	-1.80	24.66	<=30	Pass
			0	25.62	-1.80	23.82	<=30	Pass
		50	25	25.65	-1.80	23.85	<=30	Pass
			50	25.62	-1.80	23.82	<=30	Pass
		100	0	25.65	-1.80	23.85	<=30	Pass
	1745	1	0	26.28	-1.80	24.48	<=30	Pass
			50	26.29	-1.80	24.49	<=30	Pass
			99	26.28	-1.80	24.48	<=30	Pass
			0	25.50	-1.80	23.70	<=30	Pass
		50	25	25.50	-1.80	23.70	<=30	Pass
			50	25.45	-1.80	23.65	<=30	Pass
		100	0	25.51	-1.80	23.71	<=30	Pass
	1770	1	0	25.80	-1.80	24.00	<=30	Pass
			50	25.70	-1.80	23.90	<=30	Pass
			99	25.75	-1.80	23.95	<=30	Pass
			0	24.87	-1.80	23.07	<=30	Pass
		50	25	24.87	-1.80	23.07	<=30	Pass
			50	24.83	-1.80	23.03	<=30	Pass
		100	0	24.90	-1.80	23.10	<=30	Pass
256QAM	1720	1	0	23.91	-1.80	22.11	<=30	Pass
			50	23.83	-1.80	22.03	<=30	Pass
			99	23.83	-1.80	22.03	<=30	Pass
			0	23.60	-1.80	21.80	<=30	Pass
		50	25	23.63	-1.80	21.83	<=30	Pass
			50	23.61	-1.80	21.81	<=30	Pass
		100	0	23.62	-1.80	21.82	<=30	Pass
	1745	1	0	23.75	-1.80	21.95	<=30	Pass
			50	23.71	-1.80	21.91	<=30	Pass
			99	23.66	-1.80	21.86	<=30	Pass
			0	23.48	-1.80	21.68	<=30	Pass
		50	25	23.47	-1.80	21.67	<=30	Pass
			50	23.45	-1.80	21.65	<=30	Pass
		100	0	23.45	-1.80	21.65	<=30	Pass
	1770	1	0	23.09	-1.80	21.29	<=30	Pass
			50	23.03	-1.80	21.23	<=30	Pass
			99	23.08	-1.80	21.28	<=30	Pass
			0	22.89	-1.80	21.09	<=30	Pass
		50	25	22.89	-1.80	21.09	<=30	Pass
			50	22.84	-1.80	21.04	<=30	Pass
		100	0	22.87	-1.80	21.07	<=30	Pass

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2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.6	-51.899	-0.0303	-2.5 to 2.5	Pass
					3.84	-47.879	-0.0280	-2.5 to 2.5	Pass
					4.25	-11.373	-0.0066	-2.5 to 2.5	Pass
				-30	3.84	-31.300	-0.0183	-2.5 to 2.5	Pass
				-20	3.84	-48.079	-0.0281	-2.5 to 2.5	Pass
				-10	3.84	-65.117	-0.0381	-2.5 to 2.5	Pass
				0	3.84	14.791	0.0086	-2.5 to 2.5	Pass
				10	3.84	-7.997	-0.0047	-2.5 to 2.5	Pass
				30	3.84	-32.530	-0.0190	-2.5 to 2.5	Pass
				40	3.84	-53.115	-0.0310	-2.5 to 2.5	Pass
				50	3.84	-74.930	-0.0438	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	-10.457	-0.0060	-2.5 to 2.5	Pass
					3.84	-38.037	-0.0218	-2.5 to 2.5	Pass
					4.25	-33.317	-0.0191	-2.5 to 2.5	Pass
				-30	3.84	-9.170	-0.0053	-2.5 to 2.5	Pass
				-20	3.84	13.676	0.0078	-2.5 to 2.5	Pass
				-10	3.84	31.228	0.0179	-2.5 to 2.5	Pass
				0	3.84	46.492	0.0266	-2.5 to 2.5	Pass
				10	3.84	57.077	0.0327	-2.5 to 2.5	Pass
				30	3.84	68.665	0.0393	-2.5 to 2.5	Pass
				40	3.84	78.478	0.0450	-2.5 to 2.5	Pass
				50	3.84	-11.444	-0.0066	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	-10.743	-0.0060	-2.5 to 2.5	Pass
					3.84	-47.722	-0.0268	-2.5 to 2.5	Pass
					4.25	-70.395	-0.0396	-2.5 to 2.5	Pass
				-30	3.84	-79.365	-0.0446	-2.5 to 2.5	Pass
				-20	3.84	-89.364	-0.0502	-2.5 to 2.5	Pass
				-10	3.84	-0.758	-0.0004	-2.5 to 2.5	Pass
				0	3.84	-15.464	-0.0087	-2.5 to 2.5	Pass
				10	3.84	-30.341	-0.0171	-2.5 to 2.5	Pass
				30	3.84	-42.686	-0.0240	-2.5 to 2.5	Pass
				40	3.84	-57.278	-0.0322	-2.5 to 2.5	Pass
				50	3.84	-72.098	-0.0405	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.6	4.678	0.0027	-2.5 to 2.5	Pass
					3.84	-10.486	-0.0061	-2.5 to 2.5	Pass
					4.25	-25.206	-0.0147	-2.5 to 2.5	Pass
				-30	3.84	-36.578	-0.0214	-2.5 to 2.5	Pass
				-20	3.84	-58.265	-0.0341	-2.5 to 2.5	Pass
				-10	3.84	-6.580	-0.0038	-2.5 to 2.5	Pass



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				0	3.84	-25.349	-0.0148	-2.5 to 2.5	Pass
				10	3.84	63.972	0.0374	-2.5 to 2.5	Pass
				30	3.84	35.620	0.0208	-2.5 to 2.5	Pass
				40	3.84	23.932	0.0140	-2.5 to 2.5	Pass
1745	6	0		50	3.84	14.477	0.0085	-2.5 to 2.5	Pass
				20	3.6	-3.633	-0.0021	-2.5 to 2.5	Pass
					3.84	2.246	0.0013	-2.5 to 2.5	Pass
					4.25	7.524	0.0043	-2.5 to 2.5	Pass
				-30	3.84	12.574	0.0072	-2.5 to 2.5	Pass
				-20	3.84	18.482	0.0106	-2.5 to 2.5	Pass
				-10	3.84	23.217	0.0133	-2.5 to 2.5	Pass
				0	3.84	25.091	0.0144	-2.5 to 2.5	Pass
				10	3.84	29.225	0.0167	-2.5 to 2.5	Pass
				30	3.84	30.971	0.0177	-2.5 to 2.5	Pass
				40	3.84	33.159	0.0190	-2.5 to 2.5	Pass
				50	3.84	36.092	0.0207	-2.5 to 2.5	Pass
1779.3	6	0		20	3.6	-90.694	-0.0510	-2.5 to 2.5	Pass
					3.84	-0.815	-0.0005	-2.5 to 2.5	Pass
					4.25	-13.175	-0.0074	-2.5 to 2.5	Pass
				-30	3.84	-24.962	-0.0140	-2.5 to 2.5	Pass
				-20	3.84	-35.348	-0.0199	-2.5 to 2.5	Pass
				-10	3.84	-45.462	-0.0256	-2.5 to 2.5	Pass
				0	3.84	-54.245	-0.0305	-2.5 to 2.5	Pass
				10	3.84	-66.319	-0.0373	-2.5 to 2.5	Pass
				30	3.84	-75.116	-0.0422	-2.5 to 2.5	Pass
				40	3.84	-82.898	-0.0466	-2.5 to 2.5	Pass
				50	3.84	-90.594	-0.0509	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.6	-30.531	-0.0178	-2.5 to 2.5	Pass
					3.84	-38.250	-0.0224	-2.5 to 2.5	Pass
					4.25	-26.304	-0.0154	-2.5 to 2.5	Pass
				-30	3.84	7.179	0.0042	-2.5 to 2.5	Pass
				-20	3.84	-60.730	-0.0355	-2.5 to 2.5	Pass
				-10	3.84	-29.682	-0.0174	-2.5 to 2.5	Pass
				0	3.84	3.718	0.0022	-2.5 to 2.5	Pass
				10	3.84	-77.948	-0.0456	-2.5 to 2.5	Pass
				30	3.84	-55.691	-0.0326	-2.5 to 2.5	Pass
				40	3.84	-25.115	-0.0147	-2.5 to 2.5	Pass
				50	3.84	10.371	0.0061	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	11.271	0.0065	-2.5 to 2.5	Pass
					3.84	-40.990	-0.0235	-2.5 to 2.5	Pass
					4.25	-94.341	-0.0541	-2.5 to 2.5	Pass
				-30	3.84	-12.503	-0.0072	-2.5 to 2.5	Pass
				-20	3.84	-40.322	-0.0231	-2.5 to 2.5	Pass
				-10	3.84	-70.944	-0.0407	-2.5 to 2.5	Pass
				0	3.84	-105.913	-0.0607	-2.5 to 2.5	Pass
				10	3.84	-34.328	-0.0197	-2.5 to 2.5	Pass
				30	3.84	-65.910	-0.0378	-2.5 to 2.5	Pass
				40	3.84	-97.327	-0.0558	-2.5 to 2.5	Pass
				50	3.84	-18.096	-0.0104	-2.5 to 2.5	Pass



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	1779.3	6	0	20	3.6	0.346	0.0002	-2.5 to 2.5	Pass
					3.84	-46.391	-0.0261	-2.5 to 2.5	Pass
					4.25	-52.286	-0.0294	-2.5 to 2.5	Pass
				-30	3.84	-5.927	-0.0033	-2.5 to 2.5	Pass
				-20	3.84	-31.101	-0.0175	-2.5 to 2.5	Pass
				-10	3.84	-65.874	-0.0370	-2.5 to 2.5	Pass
				0	3.84	-10.569	-0.0059	-2.5 to 2.5	Pass
				10	3.84	-44.106	-0.0248	-2.5 to 2.5	Pass
				30	3.84	-72.141	-0.0405	-2.5 to 2.5	Pass
				40	3.84	-81.494	-0.0458	-2.5 to 2.5	Pass
				50	3.84	-61.846	-0.0348	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.6	-62.124	-0.0363	-2.5 to 2.5	Pass
					3.84	-2.908	-0.0017	-2.5 to 2.5	Pass
					4.25	-33.030	-0.0193	-2.5 to 2.5	Pass
				-30	3.84	-51.810	-0.0303	-2.5 to 2.5	Pass
				-20	3.84	-64.419	-0.0377	-2.5 to 2.5	Pass
				-10	3.84	-75.204	-0.0440	-2.5 to 2.5	Pass
				0	3.84	14.232	0.0083	-2.5 to 2.5	Pass
				10	3.84	1.502	0.0009	-2.5 to 2.5	Pass
				30	3.84	-10.872	-0.0064	-2.5 to 2.5	Pass
				40	3.84	-23.508	-0.0137	-2.5 to 2.5	Pass
				50	3.84	-36.093	-0.0211	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	-51.244	-0.0294	-2.5 to 2.5	Pass
					3.84	-64.042	-0.0367	-2.5 to 2.5	Pass
					4.25	-68.026	-0.0390	-2.5 to 2.5	Pass
				-30	3.84	-66.287	-0.0380	-2.5 to 2.5	Pass
				-20	3.84	-64.061	-0.0367	-2.5 to 2.5	Pass
				-10	3.84	-62.128	-0.0356	-2.5 to 2.5	Pass
				0	3.84	-59.805	-0.0343	-2.5 to 2.5	Pass
				10	3.84	-58.523	-0.0335	-2.5 to 2.5	Pass
				30	3.84	-58.812	-0.0337	-2.5 to 2.5	Pass
				40	3.84	-56.502	-0.0324	-2.5 to 2.5	Pass
				50	3.84	-57.071	-0.0327	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	-86.166	-0.0484	-2.5 to 2.5	Pass
					3.84	-56.823	-0.0319	-2.5 to 2.5	Pass
					4.25	-21.038	-0.0118	-2.5 to 2.5	Pass
				-30	3.84	-69.366	-0.0390	-2.5 to 2.5	Pass
				-20	3.84	-8.698	-0.0049	-2.5 to 2.5	Pass
				-10	3.84	-40.354	-0.0227	-2.5 to 2.5	Pass
				0	3.84	-79.696	-0.0448	-2.5 to 2.5	Pass
				10	3.84	-2.008	-0.0011	-2.5 to 2.5	Pass
				30	3.84	-33.976	-0.0191	-2.5 to 2.5	Pass
				40	3.84	-58.608	-0.0329	-2.5 to 2.5	Pass
				50	3.84	-82.597	-0.0464	-2.5 to 2.5	Pass



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2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.6	51.556	0.0301	-2.5 to 2.5	Pass
					3.84	79.064	0.0462	-2.5 to 2.5	Pass
					4.25	60.854	0.0356	-2.5 to 2.5	Pass
				-30	3.84	-6.223	-0.0036	-2.5 to 2.5	Pass
				-20	3.84	-10.800	-0.0063	-2.5 to 2.5	Pass
				-10	3.84	-20.843	-0.0122	-2.5 to 2.5	Pass
				0	3.84	-30.670	-0.0179	-2.5 to 2.5	Pass
				10	3.84	-42.286	-0.0247	-2.5 to 2.5	Pass
				30	3.84	-53.444	-0.0312	-2.5 to 2.5	Pass
				40	3.84	-65.489	-0.0383	-2.5 to 2.5	Pass
				50	3.84	-76.547	-0.0447	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	2.990	0.0017	-2.5 to 2.5	Pass
					3.84	-7.267	-0.0042	-2.5 to 2.5	Pass
					4.25	1.774	0.0010	-2.5 to 2.5	Pass
				-30	3.84	21.172	0.0121	-2.5 to 2.5	Pass
				-20	3.84	34.318	0.0197	-2.5 to 2.5	Pass
				-10	3.84	49.367	0.0283	-2.5 to 2.5	Pass
				0	3.84	60.782	0.0348	-2.5 to 2.5	Pass
				10	3.84	72.370	0.0415	-2.5 to 2.5	Pass
				30	3.84	77.963	0.0447	-2.5 to 2.5	Pass
				40	3.84	85.158	0.0488	-2.5 to 2.5	Pass
				50	3.84	89.822	0.0515	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.6	-81.468	-0.0458	-2.5 to 2.5	Pass
					3.84	-24.476	-0.0138	-2.5 to 2.5	Pass
					4.25	-57.850	-0.0325	-2.5 to 2.5	Pass
				-30	3.84	-18.153	-0.0102	-2.5 to 2.5	Pass
				-20	3.84	-49.839	-0.0280	-2.5 to 2.5	Pass
				-10	3.84	-26.479	-0.0149	-2.5 to 2.5	Pass
				0	3.84	-8.941	-0.0050	-2.5 to 2.5	Pass
				10	3.84	-72.098	-0.0405	-2.5 to 2.5	Pass
				30	3.84	-71.540	-0.0402	-2.5 to 2.5	Pass
				40	3.84	-87.733	-0.0493	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.6	-8.669	-0.0051	-2.5 to 2.5	Pass
					3.84	2.017	0.0012	-2.5 to 2.5	Pass
					4.25	-7.725	-0.0045	-2.5 to 2.5	Pass
				-30	3.84	-16.122	-0.0094	-2.5 to 2.5	Pass
				-20	3.84	-23.689	-0.0138	-2.5 to 2.5	Pass
				-10	3.84	-30.785	-0.0180	-2.5 to 2.5	Pass
				0	3.84	-39.783	-0.0232	-2.5 to 2.5	Pass
				10	3.84	-47.178	-0.0276	-2.5 to 2.5	Pass



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				30	3.84	-54.946	-0.0321	-2.5 to 2.5	Pass
				40	3.84	-61.841	-0.0361	-2.5 to 2.5	Pass
				50	3.84	-69.065	-0.0404	-2.5 to 2.5	Pass
1745	15	0	20	3.6	95.644	0.0548	-2.5 to 2.5	Pass	Pass
				3.84	100.622	0.0577	-2.5 to 2.5	Pass	Pass
				4.25	6.194	0.0035	-2.5 to 2.5	Pass	Pass
			-30	3.84	11.415	0.0065	-2.5 to 2.5	Pass	Pass
			-20	3.84	15.035	0.0086	-2.5 to 2.5	Pass	Pass
			-10	3.84	19.770	0.0113	-2.5 to 2.5	Pass	Pass
			0	3.84	-39.582	-0.0227	-2.5 to 2.5	Pass	Pass
			10	3.84	-55.232	-0.0317	-2.5 to 2.5	Pass	Pass
			30	3.84	-88.077	-0.0505	-2.5 to 2.5	Pass	Pass
			40	3.84	-32.415	-0.0186	-2.5 to 2.5	Pass	Pass
			50	3.84	-75.703	-0.0434	-2.5 to 2.5	Pass	Pass
	1778.5	15	20	3.6	-75.517	-0.0425	-2.5 to 2.5	Pass	Pass
				3.84	-42.644	-0.0240	-2.5 to 2.5	Pass	Pass
				4.25	-11.730	-0.0066	-2.5 to 2.5	Pass	Pass
			-30	3.84	-74.658	-0.0420	-2.5 to 2.5	Pass	Pass
			-20	3.84	-44.289	-0.0249	-2.5 to 2.5	Pass	Pass
			-10	3.84	-5.822	-0.0033	-2.5 to 2.5	Pass	Pass
			0	3.84	-74.816	-0.0421	-2.5 to 2.5	Pass	Pass
			10	3.84	-26.722	-0.0150	-2.5 to 2.5	Pass	Pass
			30	3.84	-88.148	-0.0496	-2.5 to 2.5	Pass	Pass
			40	3.84	-40.154	-0.0226	-2.5 to 2.5	Pass	Pass
			50	3.84	-89.464	-0.0503	-2.5 to 2.5	Pass	Pass
64QAM	1711.5	15	20	3.6	-23.256	-0.0136	-2.5 to 2.5	Pass	Pass
				3.84	-15.046	-0.0088	-2.5 to 2.5	Pass	Pass
				4.25	2.487	0.0015	-2.5 to 2.5	Pass	Pass
			-30	3.84	16.659	0.0097	-2.5 to 2.5	Pass	Pass
			-20	3.84	-60.091	-0.0351	-2.5 to 2.5	Pass	Pass
			-10	3.84	-51.031	-0.0298	-2.5 to 2.5	Pass	Pass
			0	3.84	-10.580	-0.0062	-2.5 to 2.5	Pass	Pass
			10	3.84	21.536	0.0126	-2.5 to 2.5	Pass	Pass
			30	3.84	-35.328	-0.0206	-2.5 to 2.5	Pass	Pass
			40	3.84	-0.867	-0.0005	-2.5 to 2.5	Pass	Pass
			50	3.84	-58.619	-0.0343	-2.5 to 2.5	Pass	Pass
	1745	15	20	3.6	2.968	0.0017	-2.5 to 2.5	Pass	Pass
				3.84	-18.608	-0.0107	-2.5 to 2.5	Pass	Pass
				4.25	-27.374	-0.0157	-2.5 to 2.5	Pass	Pass
			-30	3.84	-31.666	-0.0181	-2.5 to 2.5	Pass	Pass
			-20	3.84	-38.340	-0.0220	-2.5 to 2.5	Pass	Pass
			-10	3.84	-48.801	-0.0280	-2.5 to 2.5	Pass	Pass
			0	3.84	-59.484	-0.0341	-2.5 to 2.5	Pass	Pass
			10	3.84	-69.939	-0.0401	-2.5 to 2.5	Pass	Pass
			30	3.84	-80.713	-0.0463	-2.5 to 2.5	Pass	Pass
			40	3.84	8.066	0.0046	-2.5 to 2.5	Pass	Pass
			50	3.84	-3.879	-0.0022	-2.5 to 2.5	Pass	Pass
	1778.5	15	0	20	3.6	-51.799	-0.0291	-2.5 to 2.5	Pass
				3.84	-22.419	-0.0126	-2.5 to 2.5	Pass	Pass



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					4.25	-26.008	-0.0146	-2.5 to 2.5	Pass
				-30	3.84	-28.042	-0.0158	-2.5 to 2.5	Pass
				-20	3.84	-49.929	-0.0281	-2.5 to 2.5	Pass
				-10	3.84	-64.174	-0.0361	-2.5 to 2.5	Pass
				0	3.84	-64.532	-0.0363	-2.5 to 2.5	Pass
				10	3.84	-54.984	-0.0309	-2.5 to 2.5	Pass
				30	3.84	-35.315	-0.0199	-2.5 to 2.5	Pass
				40	3.84	-11.324	-0.0064	-2.5 to 2.5	Pass
				50	3.84	-69.556	-0.0391	-2.5 to 2.5	Pass
	1711.5	15	0	20	3.6	-17.800	-0.0104	-2.5 to 2.5	Pass
					3.84	-60.252	-0.0352	-2.5 to 2.5	Pass
					4.25	7.208	0.0042	-2.5 to 2.5	Pass
				-30	3.84	-15.140	-0.0088	-2.5 to 2.5	Pass
				-20	3.84	-30.966	-0.0181	-2.5 to 2.5	Pass
				-10	3.84	-44.747	-0.0261	-2.5 to 2.5	Pass
				0	3.84	-58.513	-0.0342	-2.5 to 2.5	Pass
				10	3.84	-69.593	-0.0407	-2.5 to 2.5	Pass
				30	3.84	19.249	0.0112	-2.5 to 2.5	Pass
				40	3.84	7.494	0.0044	-2.5 to 2.5	Pass
				50	3.84	-2.913	-0.0017	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	-19.407	-0.0111	-2.5 to 2.5	Pass
					3.84	-20.929	-0.0120	-2.5 to 2.5	Pass
					4.25	-15.481	-0.0089	-2.5 to 2.5	Pass
				-30	3.84	-2.098	-0.0012	-2.5 to 2.5	Pass
				-20	3.84	6.543	0.0037	-2.5 to 2.5	Pass
				-10	3.84	14.943	0.0086	-2.5 to 2.5	Pass
				0	3.84	24.437	0.0140	-2.5 to 2.5	Pass
				10	3.84	31.394	0.0180	-2.5 to 2.5	Pass
				30	3.84	38.808	0.0222	-2.5 to 2.5	Pass
				40	3.84	45.580	0.0261	-2.5 to 2.5	Pass
				50	3.84	50.614	0.0290	-2.5 to 2.5	Pass
256QAM	1778.5	15	0	20	3.6	-27.939	-0.0157	-2.5 to 2.5	Pass
					3.84	-78.511	-0.0441	-2.5 to 2.5	Pass
					4.25	-17.050	-0.0096	-2.5 to 2.5	Pass
				-30	3.84	-39.943	-0.0225	-2.5 to 2.5	Pass
				-20	3.84	-62.152	-0.0349	-2.5 to 2.5	Pass
				-10	3.84	-77.789	-0.0437	-2.5 to 2.5	Pass
				0	3.84	3.429	0.0019	-2.5 to 2.5	Pass
				10	3.84	-10.652	-0.0060	-2.5 to 2.5	Pass
				30	3.84	-23.237	-0.0131	-2.5 to 2.5	Pass
				40	3.84	-40.582	-0.0228	-2.5 to 2.5	Pass
				50	3.84	-58.161	-0.0327	-2.5 to 2.5	Pass



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2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.6	8.183	0.0048	-2.5 to 2.5	Pass
					3.84	8.812	0.0051	-2.5 to 2.5	Pass
					4.25	-3.362	-0.0020	-2.5 to 2.5	Pass
				-30	3.84	-25.749	-0.0150	-2.5 to 2.5	Pass
				-20	3.84	-55.661	-0.0325	-2.5 to 2.5	Pass
				-10	3.84	-91.138	-0.0532	-2.5 to 2.5	Pass
				0	3.84	-27.337	-0.0160	-2.5 to 2.5	Pass
				10	3.84	-57.907	-0.0338	-2.5 to 2.5	Pass
				30	3.84	-75.946	-0.0443	-2.5 to 2.5	Pass
				40	3.84	-32.415	-0.0189	-2.5 to 2.5	Pass
				50	3.84	-69.637	-0.0407	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	-11.501	-0.0066	-2.5 to 2.5	Pass
					3.84	-36.693	-0.0210	-2.5 to 2.5	Pass
					4.25	-48.022	-0.0275	-2.5 to 2.5	Pass
				-30	3.84	-48.809	-0.0280	-2.5 to 2.5	Pass
				-20	3.84	-49.024	-0.0281	-2.5 to 2.5	Pass
				-10	3.84	-52.543	-0.0301	-2.5 to 2.5	Pass
				0	3.84	-58.236	-0.0334	-2.5 to 2.5	Pass
				10	3.84	-64.816	-0.0371	-2.5 to 2.5	Pass
				30	3.84	-72.441	-0.0415	-2.5 to 2.5	Pass
				40	3.84	-81.182	-0.0465	-2.5 to 2.5	Pass
				50	3.84	-91.438	-0.0524	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.6	-10.486	-0.0059	-2.5 to 2.5	Pass
					3.84	-47.936	-0.0270	-2.5 to 2.5	Pass
					4.25	-76.962	-0.0433	-2.5 to 2.5	Pass
				-30	3.84	-98.133	-0.0552	-2.5 to 2.5	Pass
				-20	3.84	-19.126	-0.0108	-2.5 to 2.5	Pass
				-10	3.84	-39.740	-0.0224	-2.5 to 2.5	Pass
				0	3.84	-65.904	-0.0371	-2.5 to 2.5	Pass
				10	3.84	-92.955	-0.0523	-2.5 to 2.5	Pass
				30	3.84	-11.015	-0.0062	-2.5 to 2.5	Pass
				40	3.84	-37.036	-0.0208	-2.5 to 2.5	Pass
				50	3.84	-61.841	-0.0348	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.6	-3.119	-0.0018	-2.5 to 2.5	Pass
					3.84	-36.106	-0.0211	-2.5 to 2.5	Pass
					4.25	-74.744	-0.0436	-2.5 to 2.5	Pass
				-30	3.84	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.84	-32.830	-0.0192	-2.5 to 2.5	Pass
				-10	3.84	-64.573	-0.0377	-2.5 to 2.5	Pass
				0	3.84	-93.484	-0.0546	-2.5 to 2.5	Pass
				10	3.84	-15.664	-0.0091	-2.5 to 2.5	Pass



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				30	3.84	-44.017	-0.0257	-2.5 to 2.5	Pass
				40	3.84	-75.116	-0.0439	-2.5 to 2.5	Pass
				50	3.84	-3.533	-0.0021	-2.5 to 2.5	Pass
1745	25	0	20	3.6	-1.402	-0.0008	-2.5 to 2.5	Pass	Pass
				3.84	-10.629	-0.0061	-2.5 to 2.5	Pass	Pass
				4.25	-22.759	-0.0130	-2.5 to 2.5	Pass	Pass
			-30	3.84	-32.530	-0.0186	-2.5 to 2.5	Pass	Pass
				-20	3.84	-42.229	-0.0242	-2.5 to 2.5	Pass
				-10	3.84	-52.886	-0.0303	-2.5 to 2.5	Pass
			0	3.84	-59.924	-0.0343	-2.5 to 2.5	Pass	Pass
				10	3.84	-69.637	-0.0399	-2.5 to 2.5	Pass
				30	3.84	-77.934	-0.0447	-2.5 to 2.5	Pass
			40	3.84	5.679	0.0033	-2.5 to 2.5	Pass	Pass
				50	3.84	-7.625	-0.0044	-2.5 to 2.5	Pass
				3.6	-87.719	-0.0493	-2.5 to 2.5	Pass	Pass
1777.5	25	0	20	3.84	-5.350	-0.0030	-2.5 to 2.5	Pass	Pass
				4.25	-26.450	-0.0149	-2.5 to 2.5	Pass	Pass
				-30	3.84	-46.792	-0.0263	-2.5 to 2.5	Pass
			-20	3.84	-62.428	-0.0351	-2.5 to 2.5	Pass	Pass
				-10	3.84	-78.120	-0.0439	-2.5 to 2.5	Pass
			0	3.84	-93.327	-0.0525	-2.5 to 2.5	Pass	Pass
				10	3.84	-8.798	-0.0049	-2.5 to 2.5	Pass
				30	3.84	-27.280	-0.0153	-2.5 to 2.5	Pass
			40	3.84	-41.285	-0.0232	-2.5 to 2.5	Pass	Pass
				50	3.84	-60.139	-0.0338	-2.5 to 2.5	Pass
				3.6	-53.028	-0.0310	-2.5 to 2.5	Pass	Pass
64QAM	1712.5	25	20	3.84	15.879	0.0093	-2.5 to 2.5	Pass	Pass
				4.25	-25.945	-0.0152	-2.5 to 2.5	Pass	Pass
				-30	3.84	-57.349	-0.0335	-2.5 to 2.5	Pass
			-20	3.84	-41.925	-0.0245	-2.5 to 2.5	Pass	Pass
				-10	3.84	-0.213	-0.0001	-2.5 to 2.5	Pass
			0	3.84	-4.694	-0.0027	-2.5 to 2.5	Pass	Pass
				10	3.84	-5.516	-0.0032	-2.5 to 2.5	Pass
				30	3.84	4.643	0.0027	-2.5 to 2.5	Pass
			40	3.84	-77.969	-0.0455	-2.5 to 2.5	Pass	Pass
				50	3.84	-39.625	-0.0231	-2.5 to 2.5	Pass
				3.6	5.770	0.0033	-2.5 to 2.5	Pass	Pass
	1745	25	20	3.84	-18.221	-0.0104	-2.5 to 2.5	Pass	Pass
				4.25	-31.242	-0.0179	-2.5 to 2.5	Pass	Pass
				-30	3.84	-39.570	-0.0227	-2.5 to 2.5	Pass
			-20	3.84	-56.569	-0.0324	-2.5 to 2.5	Pass	Pass
				-10	3.84	-83.777	-0.0480	-2.5 to 2.5	Pass
			0	3.84	-2.677	-0.0015	-2.5 to 2.5	Pass	Pass
				10	3.84	-16.687	-0.0096	-2.5 to 2.5	Pass
				30	3.84	-29.309	-0.0168	-2.5 to 2.5	Pass
			40	3.84	-41.294	-0.0237	-2.5 to 2.5	Pass	Pass
				50	3.84	-50.554	-0.0290	-2.5 to 2.5	Pass
				3.6	-34.987	-0.0197	-2.5 to 2.5	Pass	Pass
	1777.5	25	0	20	3.84	-81.879	-0.0461	-2.5 to 2.5	Pass



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					4.25	-8.484	-0.0048	-2.5 to 2.5	Pass
				-30	3.84	-22.329	-0.0126	-2.5 to 2.5	Pass
				-20	3.84	-36.535	-0.0206	-2.5 to 2.5	Pass
				-10	3.84	-27.287	-0.0154	-2.5 to 2.5	Pass
				0	3.84	-17.809	-0.0100	-2.5 to 2.5	Pass
				10	3.84	0.027	0.0000	-2.5 to 2.5	Pass
				30	3.84	-69.902	-0.0393	-2.5 to 2.5	Pass
				40	3.84	-44.248	-0.0249	-2.5 to 2.5	Pass
				50	3.84	5.144	0.0029	-2.5 to 2.5	Pass
256QAM	1712.5	25	0	20	3.6	-11.521	-0.0067	-2.5 to 2.5	Pass
					3.84	-63.066	-0.0368	-2.5 to 2.5	Pass
					4.25	1.680	0.0010	-2.5 to 2.5	Pass
				-30	3.84	-28.818	-0.0168	-2.5 to 2.5	Pass
				-20	3.84	-50.186	-0.0293	-2.5 to 2.5	Pass
				-10	3.84	-72.000	-0.0420	-2.5 to 2.5	Pass
				0	3.84	9.372	0.0055	-2.5 to 2.5	Pass
				10	3.84	-7.757	-0.0045	-2.5 to 2.5	Pass
				30	3.84	-25.489	-0.0149	-2.5 to 2.5	Pass
				40	3.84	-39.139	-0.0229	-2.5 to 2.5	Pass
				50	3.84	-52.847	-0.0309	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	-61.666	-0.0353	-2.5 to 2.5	Pass
					3.84	-62.888	-0.0360	-2.5 to 2.5	Pass
					4.25	-53.578	-0.0307	-2.5 to 2.5	Pass
				-30	3.84	-40.937	-0.0235	-2.5 to 2.5	Pass
				-20	3.84	-32.328	-0.0185	-2.5 to 2.5	Pass
				-10	3.84	-20.874	-0.0120	-2.5 to 2.5	Pass
				0	3.84	-12.371	-0.0071	-2.5 to 2.5	Pass
				10	3.84	-3.039	-0.0017	-2.5 to 2.5	Pass
				30	3.84	3.871	0.0022	-2.5 to 2.5	Pass
				40	3.84	9.938	0.0057	-2.5 to 2.5	Pass
				50	3.84	15.802	0.0091	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.6	-61.077	-0.0344	-2.5 to 2.5	Pass
					3.84	-9.188	-0.0052	-2.5 to 2.5	Pass
					4.25	-43.511	-0.0245	-2.5 to 2.5	Pass
				-30	3.84	-72.658	-0.0409	-2.5 to 2.5	Pass
				-20	3.84	13.792	0.0078	-2.5 to 2.5	Pass
				-10	3.84	-1.435	-0.0008	-2.5 to 2.5	Pass
				0	3.84	-16.208	-0.0091	-2.5 to 2.5	Pass
				10	3.84	-30.207	-0.0170	-2.5 to 2.5	Pass
				30	3.84	-42.377	-0.0238	-2.5 to 2.5	Pass
				40	3.84	-55.093	-0.0310	-2.5 to 2.5	Pass
				50	3.84	-68.571	-0.0386	-2.5 to 2.5	Pass



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2.4 B66_10MHz

2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.6	54.030	0.0315	-2.5 to 2.5	Pass
					3.84	81.511	0.0475	-2.5 to 2.5	Pass
					4.25	76.432	0.0446	-2.5 to 2.5	Pass
				-30	3.84	54.603	0.0318	-2.5 to 2.5	Pass
				-20	3.84	28.524	0.0166	-2.5 to 2.5	Pass
				-10	3.84	5.679	0.0033	-2.5 to 2.5	Pass
				0	3.84	-21.386	-0.0125	-2.5 to 2.5	Pass
				10	3.84	-44.589	-0.0260	-2.5 to 2.5	Pass
				30	3.84	-68.736	-0.0401	-2.5 to 2.5	Pass
				40	3.84	-81.782	-0.0477	-2.5 to 2.5	Pass
				50	3.84	-11.601	-0.0068	-2.5 to 2.5	Pass
	1745	50	0	20	3.6	-12.259	-0.0070	-2.5 to 2.5	Pass
					3.84	-23.603	-0.0135	-2.5 to 2.5	Pass
					4.25	-11.601	-0.0066	-2.5 to 2.5	Pass
				-30	3.84	1.216	0.0007	-2.5 to 2.5	Pass
				-20	3.84	6.237	0.0036	-2.5 to 2.5	Pass
				-10	3.84	9.727	0.0056	-2.5 to 2.5	Pass
				0	3.84	10.371	0.0059	-2.5 to 2.5	Pass
				10	3.84	9.627	0.0055	-2.5 to 2.5	Pass
				30	3.84	8.483	0.0049	-2.5 to 2.5	Pass
				40	3.84	5.221	0.0030	-2.5 to 2.5	Pass
				50	3.84	-2.661	-0.0015	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-3.762	-0.0021	-2.5 to 2.5	Pass
					3.84	-29.225	-0.0165	-2.5 to 2.5	Pass
					4.25	-40.727	-0.0229	-2.5 to 2.5	Pass
				-30	3.84	-55.418	-0.0312	-2.5 to 2.5	Pass
				-20	3.84	-74.916	-0.0422	-2.5 to 2.5	Pass
				-10	3.84	-97.475	-0.0549	-2.5 to 2.5	Pass
				0	3.84	-17.824	-0.0100	-2.5 to 2.5	Pass
				10	3.84	-36.950	-0.0208	-2.5 to 2.5	Pass
				30	3.84	-54.817	-0.0309	-2.5 to 2.5	Pass
				40	3.84	-71.182	-0.0401	-2.5 to 2.5	Pass
				50	3.84	-87.047	-0.0490	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.6	-34.432	-0.0201	-2.5 to 2.5	Pass
					3.84	-54.374	-0.0317	-2.5 to 2.5	Pass
					4.25	-72.327	-0.0422	-2.5 to 2.5	Pass
				-30	3.84	-88.663	-0.0517	-2.5 to 2.5	Pass
				-20	3.84	-7.267	-0.0042	-2.5 to 2.5	Pass
				-10	3.84	-28.768	-0.0168	-2.5 to 2.5	Pass
				0	3.84	-43.030	-0.0251	-2.5 to 2.5	Pass
				10	3.84	-57.292	-0.0334	-2.5 to 2.5	Pass



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				30	3.84	-72.155	-0.0421	-2.5 to 2.5	Pass
				40	3.84	-84.214	-0.0491	-2.5 to 2.5	Pass
				50	3.84	-13.976	-0.0081	-2.5 to 2.5	Pass
1745	50	0	20	3.6	-7.725	-0.0044	-2.5 to 2.5	Pass	Pass
				3.84	-17.266	-0.0099	-2.5 to 2.5	Pass	Pass
				4.25	-26.994	-0.0155	-2.5 to 2.5	Pass	Pass
			-30	3.84	-33.746	-0.0193	-2.5 to 2.5	Pass	Pass
				-20	3.84	-39.968	-0.0229	-2.5 to 2.5	Pass
				-10	3.84	-44.904	-0.0257	-2.5 to 2.5	Pass
			0	3.84	-52.271	-0.0300	-2.5 to 2.5	Pass	Pass
				10	3.84	-58.537	-0.0335	-2.5 to 2.5	Pass
				30	3.84	-64.158	-0.0368	-2.5 to 2.5	Pass
			40	3.84	-71.025	-0.0407	-2.5 to 2.5	Pass	Pass
				50	3.84	-78.492	-0.0450	-2.5 to 2.5	Pass
				3.6	-102.525	-0.0578	-2.5 to 2.5	Pass	Pass
1775	50	0	20	3.84	-10.042	-0.0057	-2.5 to 2.5	Pass	Pass
				4.25	-23.189	-0.0131	-2.5 to 2.5	Pass	Pass
				-30	3.84	-32.859	-0.0185	-2.5 to 2.5	Pass
			-20	3.84	-42.958	-0.0242	-2.5 to 2.5	Pass	Pass
				-10	3.84	-53.186	-0.0300	-2.5 to 2.5	Pass
				0	3.84	-63.057	-0.0355	-2.5 to 2.5	Pass
			10	3.84	-74.587	-0.0420	-2.5 to 2.5	Pass	Pass
				30	3.84	-85.258	-0.0480	-2.5 to 2.5	Pass
				40	3.84	-94.657	-0.0533	-2.5 to 2.5	Pass
			50	3.84	-13.204	-0.0074	-2.5 to 2.5	Pass	Pass
				3.6	-13.998	-0.0082	-2.5 to 2.5	Pass	Pass
				3.84	-40.690	-0.0237	-2.5 to 2.5	Pass	Pass
64QAM	1715	50	0	4.25	-61.233	-0.0357	-2.5 to 2.5	Pass	Pass
				-30	3.84	-32.411	-0.0189	-2.5 to 2.5	Pass
				-20	3.84	-87.223	-0.0509	-2.5 to 2.5	Pass
				-10	3.84	-40.951	-0.0239	-2.5 to 2.5	Pass
				0	3.84	-59.935	-0.0349	-2.5 to 2.5	Pass
				10	3.84	-66.671	-0.0389	-2.5 to 2.5	Pass
				30	3.84	-82.872	-0.0483	-2.5 to 2.5	Pass
				40	3.84	-89.678	-0.0523	-2.5 to 2.5	Pass
				50	3.84	-87.732	-0.0512	-2.5 to 2.5	Pass
	1745	50	0	3.6	-3.723	-0.0021	-2.5 to 2.5	Pass	Pass
				3.84	-31.155	-0.0179	-2.5 to 2.5	Pass	Pass
				4.25	-53.205	-0.0305	-2.5 to 2.5	Pass	Pass
				-30	3.84	-74.962	-0.0430	-2.5 to 2.5	Pass
				-20	3.84	4.934	0.0028	-2.5 to 2.5	Pass
				-10	3.84	-13.719	-0.0079	-2.5 to 2.5	Pass
				0	3.84	-40.353	-0.0231	-2.5 to 2.5	Pass
				10	3.84	-64.458	-0.0369	-2.5 to 2.5	Pass
				30	3.84	-82.813	-0.0475	-2.5 to 2.5	Pass
				40	3.84	-5.767	-0.0033	-2.5 to 2.5	Pass
				50	3.84	-24.740	-0.0142	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-37.381	-0.0211	-2.5 to 2.5	Pass
				3.84	-72.539	-0.0409	-2.5 to 2.5	Pass	Pass



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256QAM	1715	50	0		4.25	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.84	-11.264	-0.0063	-2.5 to 2.5	Pass
				-20	3.84	-19.631	-0.0111	-2.5 to 2.5	Pass
				-10	3.84	-26.907	-0.0152	-2.5 to 2.5	Pass
				0	3.84	-22.537	-0.0127	-2.5 to 2.5	Pass
				10	3.84	-4.804	-0.0027	-2.5 to 2.5	Pass
				30	3.84	-82.325	-0.0464	-2.5 to 2.5	Pass
				40	3.84	-51.519	-0.0290	-2.5 to 2.5	Pass
				50	3.84	-12.862	-0.0072	-2.5 to 2.5	Pass
				20	3.6	-65.523	-0.0382	-2.5 to 2.5	Pass
	1745	50	0		3.84	-38.090	-0.0222	-2.5 to 2.5	Pass
					4.25	-97.639	-0.0569	-2.5 to 2.5	Pass
				-30	3.84	-38.877	-0.0227	-2.5 to 2.5	Pass
				-20	3.84	-79.462	-0.0463	-2.5 to 2.5	Pass
				-10	3.84	-16.405	-0.0096	-2.5 to 2.5	Pass
				0	3.84	-48.759	-0.0284	-2.5 to 2.5	Pass
				10	3.84	-79.039	-0.0461	-2.5 to 2.5	Pass
				30	3.84	-4.542	-0.0026	-2.5 to 2.5	Pass
				40	3.84	-30.568	-0.0178	-2.5 to 2.5	Pass
				50	3.84	-56.416	-0.0329	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-47.671	-0.0273	-2.5 to 2.5	Pass
					3.84	-56.112	-0.0322	-2.5 to 2.5	Pass
					4.25	-55.953	-0.0321	-2.5 to 2.5	Pass
				-30	3.84	-51.889	-0.0297	-2.5 to 2.5	Pass
				-20	3.84	-46.098	-0.0264	-2.5 to 2.5	Pass
				-10	3.84	-42.094	-0.0241	-2.5 to 2.5	Pass
				0	3.84	-38.532	-0.0221	-2.5 to 2.5	Pass
				10	3.84	-36.060	-0.0207	-2.5 to 2.5	Pass
				30	3.84	-33.477	-0.0192	-2.5 to 2.5	Pass
				40	3.84	-32.178	-0.0184	-2.5 to 2.5	Pass
				50	3.84	-33.291	-0.0191	-2.5 to 2.5	Pass
				20	3.6	-76.723	-0.0432	-2.5 to 2.5	Pass
					3.84	-20.685	-0.0117	-2.5 to 2.5	Pass
					4.25	-55.618	-0.0313	-2.5 to 2.5	Pass
				-30	3.84	-74.290	-0.0419	-2.5 to 2.5	Pass
				-20	3.84	-15.561	-0.0088	-2.5 to 2.5	Pass
				-10	3.84	-11.733	-0.0066	-2.5 to 2.5	Pass
				0	3.84	-27.045	-0.0152	-2.5 to 2.5	Pass
				10	3.84	-42.365	-0.0239	-2.5 to 2.5	Pass
				30	3.84	-54.164	-0.0305	-2.5 to 2.5	Pass
				40	3.84	-66.589	-0.0375	-2.5 to 2.5	Pass
				50	3.84	-77.284	-0.0435	-2.5 to 2.5	Pass



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2.5 B66_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.6	57.535	0.0335	-2.5 to 2.5	Pass
					3.84	56.663	0.0330	-2.5 to 2.5	Pass
					4.25	-2.990	-0.0017	-2.5 to 2.5	Pass
				-30	3.84	-5.136	-0.0030	-2.5 to 2.5	Pass
				-20	3.84	-13.232	-0.0077	-2.5 to 2.5	Pass
				-10	3.84	-27.680	-0.0161	-2.5 to 2.5	Pass
				0	3.84	-41.285	-0.0240	-2.5 to 2.5	Pass
				10	3.84	-54.045	-0.0315	-2.5 to 2.5	Pass
				30	3.84	-68.035	-0.0396	-2.5 to 2.5	Pass
				40	3.84	-83.756	-0.0488	-2.5 to 2.5	Pass
	1745	75	0	20	3.84	-95.344	-0.0555	-2.5 to 2.5	Pass
					3.6	-2.646	-0.0015	-2.5 to 2.5	Pass
					3.84	-12.231	-0.0070	-2.5 to 2.5	Pass
				-30	4.25	2.360	0.0014	-2.5 to 2.5	Pass
					3.84	13.175	0.0076	-2.5 to 2.5	Pass
					3.84	20.342	0.0117	-2.5 to 2.5	Pass
				-20	3.84	24.233	0.0139	-2.5 to 2.5	Pass
				-10	3.84	24.233	0.0139	-2.5 to 2.5	Pass
				0	3.84	24.190	0.0139	-2.5 to 2.5	Pass
				10	3.84	24.261	0.0139	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.84	16.952	0.0097	-2.5 to 2.5	Pass
					3.84	15.135	0.0087	-2.5 to 2.5	Pass
					3.84	-85.545	-0.0483	-2.5 to 2.5	Pass
				-30	3.6	-4.864	-0.0027	-2.5 to 2.5	Pass
					3.84	-20.671	-0.0117	-2.5 to 2.5	Pass
					4.25	-23.632	-0.0133	-2.5 to 2.5	Pass
				-20	3.84	-29.154	-0.0164	-2.5 to 2.5	Pass
				-10	3.84	-34.947	-0.0197	-2.5 to 2.5	Pass
				0	3.84	-42.629	-0.0241	-2.5 to 2.5	Pass
				10	3.84	-50.654	-0.0286	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.84	-57.850	-0.0326	-2.5 to 2.5	Pass
					3.84	-68.221	-0.0385	-2.5 to 2.5	Pass
					3.84	-76.962	-0.0434	-2.5 to 2.5	Pass
				-30	3.84	-85.545	-0.0483	-2.5 to 2.5	Pass
					3.6	-5.493	-0.0032	-2.5 to 2.5	Pass
					3.84	-25.477	-0.0148	-2.5 to 2.5	Pass
				-20	4.25	-43.259	-0.0252	-2.5 to 2.5	Pass
				-10	3.84	-56.763	-0.0330	-2.5 to 2.5	Pass
				0	3.84	-76.118	-0.0443	-2.5 to 2.5	Pass
				10	3.84	-90.008	-0.0524	-2.5 to 2.5	Pass



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64QAM	1745	75	0	30	3.84	-16.050	-0.0093	-2.5 to 2.5	Pass
				40	3.84	-26.193	-0.0153	-2.5 to 2.5	Pass
				50	3.84	-33.917	-0.0197	-2.5 to 2.5	Pass
				20	3.6	13.847	0.0079	-2.5 to 2.5	Pass
					3.84	5.879	0.0034	-2.5 to 2.5	Pass
					4.25	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.84	-6.709	-0.0038	-2.5 to 2.5	Pass
				-20	3.84	-9.542	-0.0055	-2.5 to 2.5	Pass
				-10	3.84	-14.176	-0.0081	-2.5 to 2.5	Pass
				0	3.84	-17.509	-0.0100	-2.5 to 2.5	Pass
				10	3.84	-21.229	-0.0122	-2.5 to 2.5	Pass
				30	3.84	-25.263	-0.0145	-2.5 to 2.5	Pass
				40	3.84	-32.372	-0.0186	-2.5 to 2.5	Pass
				50	3.84	-36.592	-0.0210	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-75.932	-0.0428	-2.5 to 2.5	Pass
					3.84	-8.540	-0.0048	-2.5 to 2.5	Pass
					4.25	-20.986	-0.0118	-2.5 to 2.5	Pass
				-30	3.84	-32.501	-0.0183	-2.5 to 2.5	Pass
				-20	3.84	-41.127	-0.0232	-2.5 to 2.5	Pass
				-10	3.84	-49.195	-0.0278	-2.5 to 2.5	Pass
				0	3.84	-58.451	-0.0330	-2.5 to 2.5	Pass
				10	3.84	-65.103	-0.0367	-2.5 to 2.5	Pass
				30	3.84	-72.513	-0.0409	-2.5 to 2.5	Pass
				40	3.84	-85.173	-0.0481	-2.5 to 2.5	Pass
				50	3.84	-91.224	-0.0515	-2.5 to 2.5	Pass
	1717.5	75	0	20	3.6	-66.380	-0.0386	-2.5 to 2.5	Pass
					3.84	-3.391	-0.0020	-2.5 to 2.5	Pass
					4.25	-43.569	-0.0254	-2.5 to 2.5	Pass
				-30	3.84	-74.158	-0.0432	-2.5 to 2.5	Pass
				-20	3.84	-77.199	-0.0449	-2.5 to 2.5	Pass
				-10	3.84	-89.147	-0.0519	-2.5 to 2.5	Pass
				0	3.84	-85.841	-0.0500	-2.5 to 2.5	Pass
				10	3.84	-66.089	-0.0385	-2.5 to 2.5	Pass
				30	3.84	-53.050	-0.0309	-2.5 to 2.5	Pass
				40	3.84	-26.018	-0.0151	-2.5 to 2.5	Pass
				50	3.84	-84.052	-0.0489	-2.5 to 2.5	Pass
	1745	75	0	20	3.6	4.716	0.0027	-2.5 to 2.5	Pass
					3.84	-25.981	-0.0149	-2.5 to 2.5	Pass
					4.25	-59.665	-0.0342	-2.5 to 2.5	Pass
				-30	3.84	-105.998	-0.0607	-2.5 to 2.5	Pass
				-20	3.84	-49.819	-0.0285	-2.5 to 2.5	Pass
				-10	3.84	-99.371	-0.0569	-2.5 to 2.5	Pass
				0	3.84	-42.687	-0.0245	-2.5 to 2.5	Pass
				10	3.84	-85.638	-0.0491	-2.5 to 2.5	Pass
				30	3.84	-12.981	-0.0074	-2.5 to 2.5	Pass
				40	3.84	-49.545	-0.0284	-2.5 to 2.5	Pass
				50	3.84	-79.146	-0.0454	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-39.486	-0.0223	-2.5 to 2.5	Pass
					3.84	-1.473	-0.0008	-2.5 to 2.5	Pass



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256QAM	1717.5	75	0		4.25	-26.203	-0.0148	-2.5 to 2.5	Pass
				-30	3.84	-43.341	-0.0245	-2.5 to 2.5	Pass
				-20	3.84	-33.508	-0.0189	-2.5 to 2.5	Pass
				-10	3.84	-40.087	-0.0226	-2.5 to 2.5	Pass
				0	3.84	-36.028	-0.0203	-2.5 to 2.5	Pass
				10	3.84	-4.817	-0.0027	-2.5 to 2.5	Pass
				30	3.84	-2.651	-0.0015	-2.5 to 2.5	Pass
				40	3.84	-53.805	-0.0304	-2.5 to 2.5	Pass
				50	3.84	-8.096	-0.0046	-2.5 to 2.5	Pass
	1745	75	0	20	3.6	-52.848	-0.0308	-2.5 to 2.5	Pass
				20	3.84	0.616	0.0004	-2.5 to 2.5	Pass
					4.25	-32.728	-0.0191	-2.5 to 2.5	Pass
				-30	3.84	-58.909	-0.0343	-2.5 to 2.5	Pass
				-20	3.84	-78.380	-0.0456	-2.5 to 2.5	Pass
				-10	3.84	-64.051	-0.0373	-2.5 to 2.5	Pass
				0	3.84	-11.051	-0.0064	-2.5 to 2.5	Pass
				10	3.84	-26.525	-0.0154	-2.5 to 2.5	Pass
				30	3.84	-39.520	-0.0230	-2.5 to 2.5	Pass
				40	3.84	-52.887	-0.0308	-2.5 to 2.5	Pass
	1772.5	75	0	50	3.84	-65.906	-0.0384	-2.5 to 2.5	Pass
				20	3.6	-15.114	-0.0087	-2.5 to 2.5	Pass
					3.84	-34.331	-0.0197	-2.5 to 2.5	Pass
					4.25	-41.730	-0.0239	-2.5 to 2.5	Pass
				-30	3.84	-44.119	-0.0253	-2.5 to 2.5	Pass
				-20	3.84	-45.194	-0.0259	-2.5 to 2.5	Pass
				-10	3.84	-46.030	-0.0264	-2.5 to 2.5	Pass
				0	3.84	-48.558	-0.0278	-2.5 to 2.5	Pass
				10	3.84	-51.756	-0.0297	-2.5 to 2.5	Pass
				30	3.84	-51.555	-0.0295	-2.5 to 2.5	Pass
				40	3.84	-52.194	-0.0299	-2.5 to 2.5	Pass
				50	3.84	-54.105	-0.0310	-2.5 to 2.5	Pass
				20	3.6	-72.611	-0.0410	-2.5 to 2.5	Pass
					3.84	-9.361	-0.0053	-2.5 to 2.5	Pass
					4.25	-33.912	-0.0191	-2.5 to 2.5	Pass
				-30	3.84	-54.228	-0.0306	-2.5 to 2.5	Pass
				-20	3.84	-69.113	-0.0390	-2.5 to 2.5	Pass
				-10	3.84	15.403	0.0087	-2.5 to 2.5	Pass
				0	3.84	3.445	0.0019	-2.5 to 2.5	Pass
				10	3.84	-8.842	-0.0050	-2.5 to 2.5	Pass
				30	3.84	-20.328	-0.0115	-2.5 to 2.5	Pass
				40	3.84	-32.166	-0.0181	-2.5 to 2.5	Pass
				50	3.84	-43.049	-0.0243	-2.5 to 2.5	Pass



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2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.6	57.607	0.0335	-2.5 to 2.5	Pass
					3.84	88.091	0.0512	-2.5 to 2.5	Pass
					4.25	-14.291	-0.0083	-2.5 to 2.5	Pass
				-30	3.84	-30.813	-0.0179	-2.5 to 2.5	Pass
				-20	3.84	-52.557	-0.0306	-2.5 to 2.5	Pass
				-10	3.84	-72.742	-0.0423	-2.5 to 2.5	Pass
				0	3.84	-44.189	-0.0257	-2.5 to 2.5	Pass
				10	3.84	-10.171	-0.0059	-2.5 to 2.5	Pass
				30	3.84	-25.964	-0.0151	-2.5 to 2.5	Pass
				40	3.84	-40.112	-0.0233	-2.5 to 2.5	Pass
				50	3.84	-63.901	-0.0372	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-13.490	-0.0077	-2.5 to 2.5	Pass
					3.84	-50.268	-0.0288	-2.5 to 2.5	Pass
					4.25	-56.062	-0.0321	-2.5 to 2.5	Pass
				-30	3.84	-36.435	-0.0209	-2.5 to 2.5	Pass
				-20	3.84	-14.105	-0.0081	-2.5 to 2.5	Pass
				-10	3.84	-1.588	-0.0009	-2.5 to 2.5	Pass
				0	3.84	6.037	0.0035	-2.5 to 2.5	Pass
				10	3.84	10.958	0.0063	-2.5 to 2.5	Pass
				30	3.84	13.933	0.0080	-2.5 to 2.5	Pass
				40	3.84	15.707	0.0090	-2.5 to 2.5	Pass
				50	3.84	13.061	0.0075	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	-13.418	-0.0076	-2.5 to 2.5	Pass
					3.84	-33.345	-0.0188	-2.5 to 2.5	Pass
					4.25	-34.060	-0.0192	-2.5 to 2.5	Pass
				-30	3.84	-40.627	-0.0230	-2.5 to 2.5	Pass
				-20	3.84	-51.541	-0.0291	-2.5 to 2.5	Pass
				-10	3.84	-66.791	-0.0377	-2.5 to 2.5	Pass
				0	3.84	-81.110	-0.0458	-2.5 to 2.5	Pass
				10	3.84	-90.194	-0.0510	-2.5 to 2.5	Pass
				30	3.84	-100.050	-0.0565	-2.5 to 2.5	Pass
				40	3.84	-89.221	-0.0504	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.6	-95.215	-0.0554	-2.5 to 2.5	Pass
					3.84	-0.772	-0.0004	-2.5 to 2.5	Pass
					4.25	-8.597	-0.0050	-2.5 to 2.5	Pass
				-30	3.84	-28.539	-0.0166	-2.5 to 2.5	Pass
				-20	3.84	-41.771	-0.0243	-2.5 to 2.5	Pass
				-10	3.84	-45.919	-0.0267	-2.5 to 2.5	Pass
				0	3.84	-50.869	-0.0296	-2.5 to 2.5	Pass
				10	3.84	-55.661	-0.0324	-2.5 to 2.5	Pass



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				30	3.84	-59.853	-0.0348	-2.5 to 2.5	Pass
				40	3.84	-65.346	-0.0380	-2.5 to 2.5	Pass
				50	3.84	-70.353	-0.0409	-2.5 to 2.5	Pass
1745	100	0	20	3.6	13.003	0.0075	-2.5 to 2.5	Pass	Pass
				3.84	1.531	0.0009	-2.5 to 2.5	Pass	Pass
				4.25	-6.366	-0.0036	-2.5 to 2.5	Pass	Pass
			-30	3.84	-11.587	-0.0066	-2.5 to 2.5	Pass	Pass
			-20	3.84	-18.196	-0.0104	-2.5 to 2.5	Pass	Pass
			-10	3.84	-20.056	-0.0115	-2.5 to 2.5	Pass	Pass
			0	3.84	-22.945	-0.0131	-2.5 to 2.5	Pass	Pass
			10	3.84	-24.734	-0.0142	-2.5 to 2.5	Pass	Pass
			30	3.84	-26.736	-0.0153	-2.5 to 2.5	Pass	Pass
			40	3.84	-28.882	-0.0166	-2.5 to 2.5	Pass	Pass
			50	3.84	-30.427	-0.0174	-2.5 to 2.5	Pass	Pass
1770	100	0	20	3.6	-22.674	-0.0128	-2.5 to 2.5	Pass	Pass
				3.84	-31.385	-0.0177	-2.5 to 2.5	Pass	Pass
				4.25	-37.766	-0.0213	-2.5 to 2.5	Pass	Pass
			-30	3.84	-44.789	-0.0253	-2.5 to 2.5	Pass	Pass
			-20	3.84	-52.342	-0.0296	-2.5 to 2.5	Pass	Pass
			-10	3.84	-57.278	-0.0324	-2.5 to 2.5	Pass	Pass
			0	3.84	-62.184	-0.0351	-2.5 to 2.5	Pass	Pass
			10	3.84	-66.605	-0.0376	-2.5 to 2.5	Pass	Pass
			30	3.84	-77.019	-0.0435	-2.5 to 2.5	Pass	Pass
			40	3.84	-82.641	-0.0467	-2.5 to 2.5	Pass	Pass
			50	3.84	-85.430	-0.0483	-2.5 to 2.5	Pass	Pass
64QAM	1720	100	20	3.6	-34.125	-0.0198	-2.5 to 2.5	Pass	Pass
				3.84	-31.648	-0.0184	-2.5 to 2.5	Pass	Pass
				4.25	-58.434	-0.0340	-2.5 to 2.5	Pass	Pass
			-30	3.84	-82.663	-0.0481	-2.5 to 2.5	Pass	Pass
			-20	3.84	-50.972	-0.0296	-2.5 to 2.5	Pass	Pass
			-10	3.84	-90.322	-0.0525	-2.5 to 2.5	Pass	Pass
			0	3.84	-29.134	-0.0169	-2.5 to 2.5	Pass	Pass
			10	3.84	-66.650	-0.0388	-2.5 to 2.5	Pass	Pass
			30	3.84	-8.161	-0.0047	-2.5 to 2.5	Pass	Pass
			40	3.84	-44.895	-0.0261	-2.5 to 2.5	Pass	Pass
			50	3.84	-81.001	-0.0471	-2.5 to 2.5	Pass	Pass
	1745	100	20	3.6	26.138	0.0150	-2.5 to 2.5	Pass	Pass
				3.84	9.747	0.0056	-2.5 to 2.5	Pass	Pass
				4.25	-33.230	-0.0190	-2.5 to 2.5	Pass	Pass
			-30	3.84	-79.120	-0.0453	-2.5 to 2.5	Pass	Pass
			-20	3.84	-20.500	-0.0117	-2.5 to 2.5	Pass	Pass
			-10	3.84	-62.992	-0.0361	-2.5 to 2.5	Pass	Pass
			0	3.84	-7.123	-0.0041	-2.5 to 2.5	Pass	Pass
			10	3.84	-44.043	-0.0252	-2.5 to 2.5	Pass	Pass
			30	3.84	-65.767	-0.0377	-2.5 to 2.5	Pass	Pass
			40	3.84	-24.384	-0.0140	-2.5 to 2.5	Pass	Pass
			50	3.84	-53.902	-0.0309	-2.5 to 2.5	Pass	Pass
	1770	100	0	20	3.6	-45.440	-0.0257	-2.5 to 2.5	Pass
				3.84	-89.006	-0.0503	-2.5 to 2.5	Pass	Pass



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256QAM	1720	100	0		4.25	-27.208	-0.0154	-2.5 to 2.5	Pass
				-30	3.84	-51.073	-0.0289	-2.5 to 2.5	Pass
				-20	3.84	-47.258	-0.0267	-2.5 to 2.5	Pass
				-10	3.84	-24.579	-0.0139	-2.5 to 2.5	Pass
				0	3.84	-99.852	-0.0564	-2.5 to 2.5	Pass
				10	3.84	-79.950	-0.0452	-2.5 to 2.5	Pass
				30	3.84	-52.543	-0.0297	-2.5 to 2.5	Pass
				40	3.84	-11.751	-0.0066	-2.5 to 2.5	Pass
				50	3.84	-75.194	-0.0425	-2.5 to 2.5	Pass
				20	3.6	-25.597	-0.0149	-2.5 to 2.5	Pass
	1745	100	0		3.84	-54.375	-0.0316	-2.5 to 2.5	Pass
					4.25	-74.388	-0.0432	-2.5 to 2.5	Pass
				-30	3.84	-83.556	-0.0486	-2.5 to 2.5	Pass
				-20	3.84	-91.924	-0.0534	-2.5 to 2.5	Pass
				-10	3.84	2.768	0.0016	-2.5 to 2.5	Pass
				0	3.84	-2.223	-0.0013	-2.5 to 2.5	Pass
				10	3.84	-7.485	-0.0044	-2.5 to 2.5	Pass
				30	3.84	-12.473	-0.0073	-2.5 to 2.5	Pass
				40	3.84	-16.781	-0.0098	-2.5 to 2.5	Pass
				50	3.84	-23.180	-0.0135	-2.5 to 2.5	Pass
				20	3.6	-14.454	-0.0083	-2.5 to 2.5	Pass
					3.84	-4.264	-0.0024	-2.5 to 2.5	Pass
					4.25	-11.333	-0.0065	-2.5 to 2.5	Pass
				-30	3.84	-11.538	-0.0066	-2.5 to 2.5	Pass
				-20	3.84	-11.043	-0.0063	-2.5 to 2.5	Pass
				-10	3.84	-10.497	-0.0060	-2.5 to 2.5	Pass
				0	3.84	-9.359	-0.0054	-2.5 to 2.5	Pass
				10	3.84	-7.544	-0.0043	-2.5 to 2.5	Pass
				30	3.84	-6.913	-0.0040	-2.5 to 2.5	Pass
				40	3.84	-6.951	-0.0040	-2.5 to 2.5	Pass
				50	3.84	-6.934	-0.0040	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	-26.714	-0.0151	-2.5 to 2.5	Pass
					3.84	-72.339	-0.0409	-2.5 to 2.5	Pass
					4.25	-5.836	-0.0033	-2.5 to 2.5	Pass
				-30	3.84	-29.874	-0.0169	-2.5 to 2.5	Pass
				-20	3.84	-45.704	-0.0258	-2.5 to 2.5	Pass
				-10	3.84	-60.009	-0.0339	-2.5 to 2.5	Pass
				0	3.84	-76.800	-0.0434	-2.5 to 2.5	Pass
				10	3.84	-88.066	-0.0498	-2.5 to 2.5	Pass
				30	3.84	-99.280	-0.0561	-2.5 to 2.5	Pass
				40	3.84	-13.622	-0.0077	-2.5 to 2.5	Pass
				50	3.84	-29.844	-0.0169	-2.5 to 2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 Band66_OBW

3.1.1 Test Result

Band: 66 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.106	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.113	/	Pass
	64QAM	1710.7	6	0	1.106	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.108	/	Pass
	256QAM	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.115	/	Pass
		1779.3	6	0	1.103	/	Pass
3	QPSK	1711.5	15	0	2.735	/	Pass
		1745	15	0	2.740	/	Pass
		1778.5	15	0	2.734	/	Pass
	16QAM	1711.5	15	0	2.723	/	Pass
		1745	15	0	2.725	/	Pass
		1778.5	15	0	2.734	/	Pass
	64QAM	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.724	/	Pass
		1778.5	15	0	2.721	/	Pass
	256QAM	1711.5	15	0	2.736	/	Pass
		1745	15	0	2.742	/	Pass
		1778.5	15	0	2.729	/	Pass
5	QPSK	1712.5	25	0	4.540	/	Pass
		1745	25	0	4.536	/	Pass
		1777.5	25	0	4.547	/	Pass
	16QAM	1712.5	25	0	4.536	/	Pass
		1745	25	0	4.548	/	Pass
		1777.5	25	0	4.552	/	Pass
	64QAM	1712.5	25	0	4.547	/	Pass
		1745	25	0	4.552	/	Pass
		1777.5	25	0	4.549	/	Pass
	256QAM	1712.5	25	0	4.555	/	Pass
		1745	25	0	4.549	/	Pass
		1777.5	25	0	4.555	/	Pass
10	QPSK	1715	50	0	9.067	/	Pass
		1745	50	0	9.054	/	Pass
		1775	50	0	9.065	/	Pass



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	16QAM	1715	50	0	9.044	/	Pass
		1745	50	0	9.019	/	Pass
		1775	50	0	9.054	/	Pass
	64QAM	1715	50	0	9.019	/	Pass
		1745	50	0	9.027	/	Pass
		1775	50	0	9.020	/	Pass
	256QAM	1715	50	0	9.040	/	Pass
		1745	50	0	9.049	/	Pass
		1775	50	0	9.042	/	Pass
15	QPSK	1717.5	75	0	13.577	/	Pass
		1745	75	0	13.551	/	Pass
		1772.5	75	0	13.535	/	Pass
	16QAM	1717.5	75	0	13.598	/	Pass
		1745	75	0	13.554	/	Pass
		1772.5	75	0	13.570	/	Pass
	64QAM	1717.5	75	0	13.561	/	Pass
		1745	75	0	13.567	/	Pass
		1772.5	75	0	13.554	/	Pass
	256QAM	1717.5	75	0	13.563	/	Pass
		1745	75	0	13.608	/	Pass
		1772.5	75	0	13.554	/	Pass
20	QPSK	1720	100	0	18.041	/	Pass
		1745	100	0	18.085	/	Pass
		1770	100	0	18.114	/	Pass
	16QAM	1720	100	0	18.104	/	Pass
		1745	100	0	18.050	/	Pass
		1770	100	0	18.072	/	Pass
	64QAM	1720	100	0	18.097	/	Pass
		1745	100	0	18.087	/	Pass
		1770	100	0	18.045	/	Pass
	256QAM	1720	100	0	18.100	/	Pass
		1745	100	0	18.116	/	Pass
		1770	100	0	18.042	/	Pass



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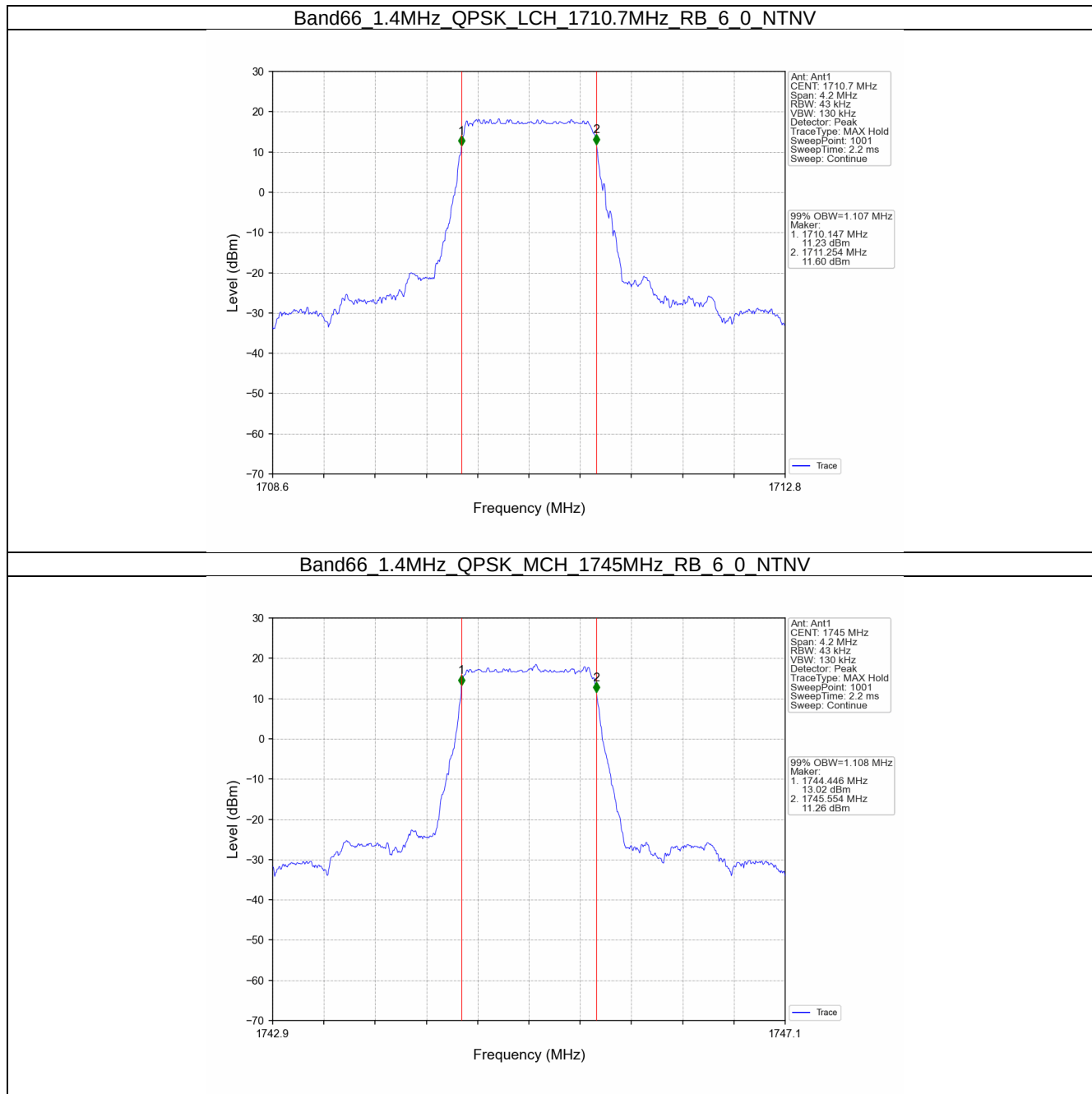
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3.1.2 Test Graph



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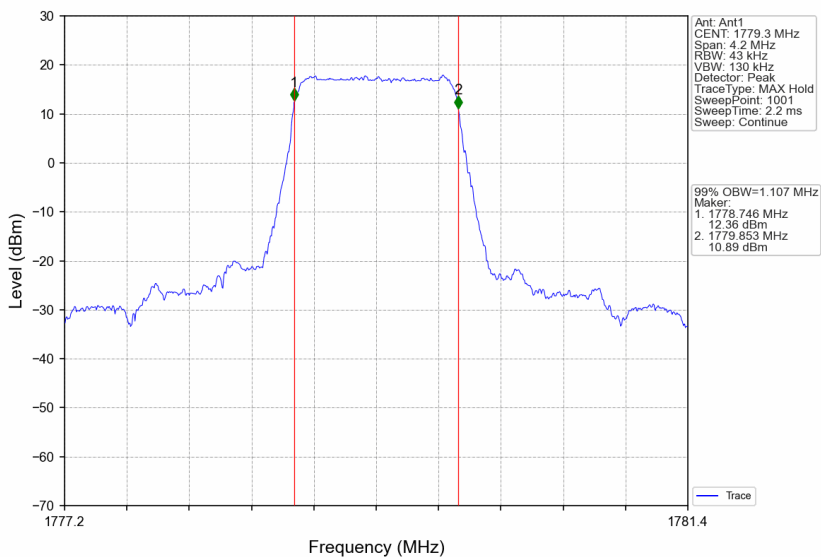
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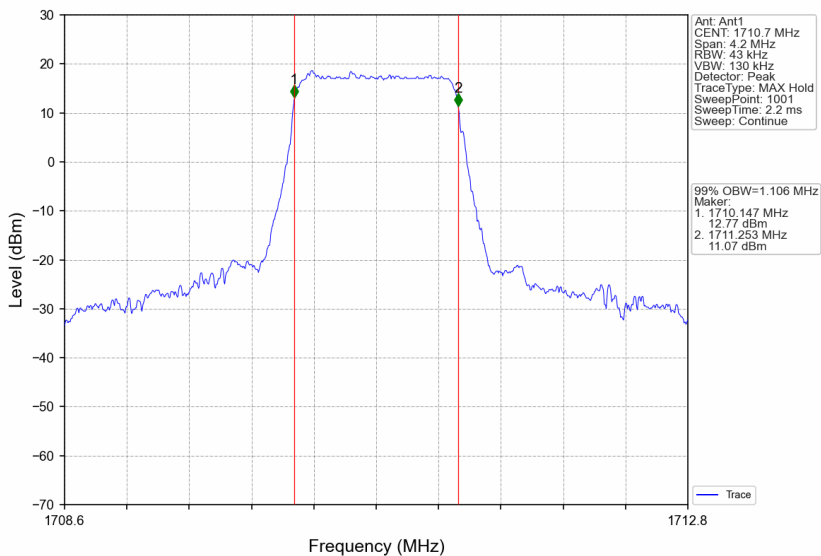
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



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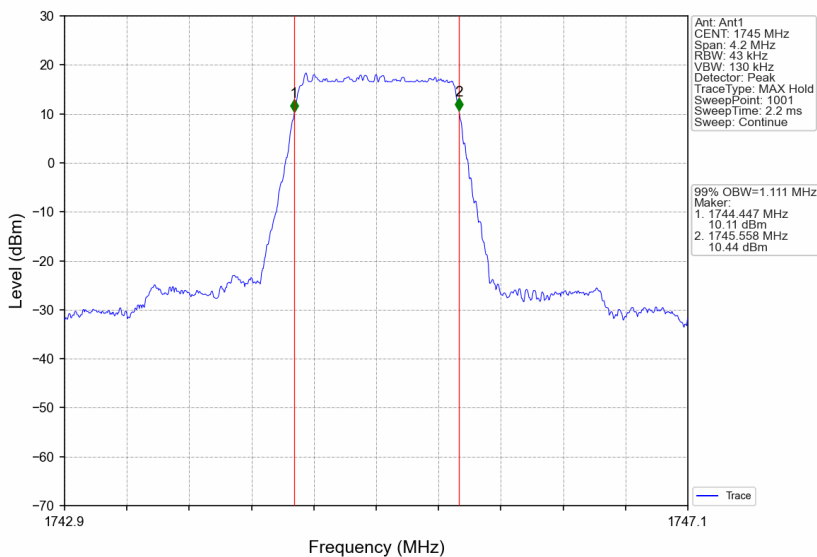
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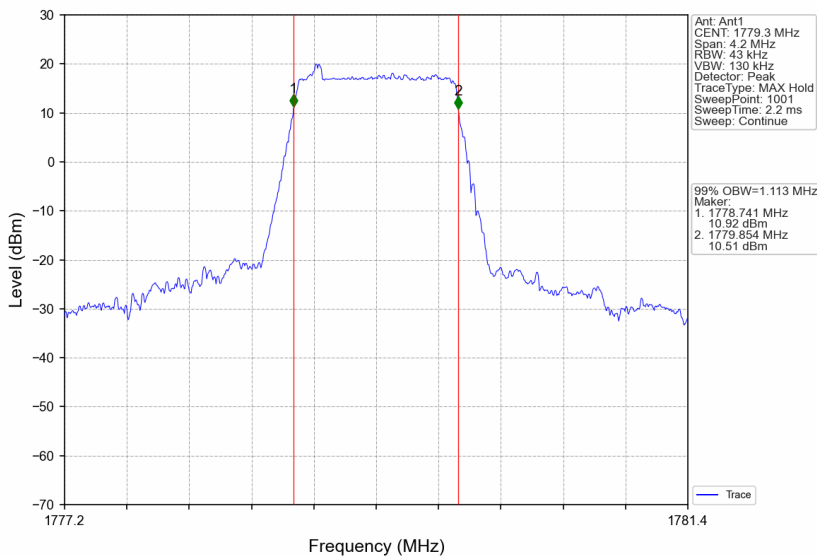
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Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



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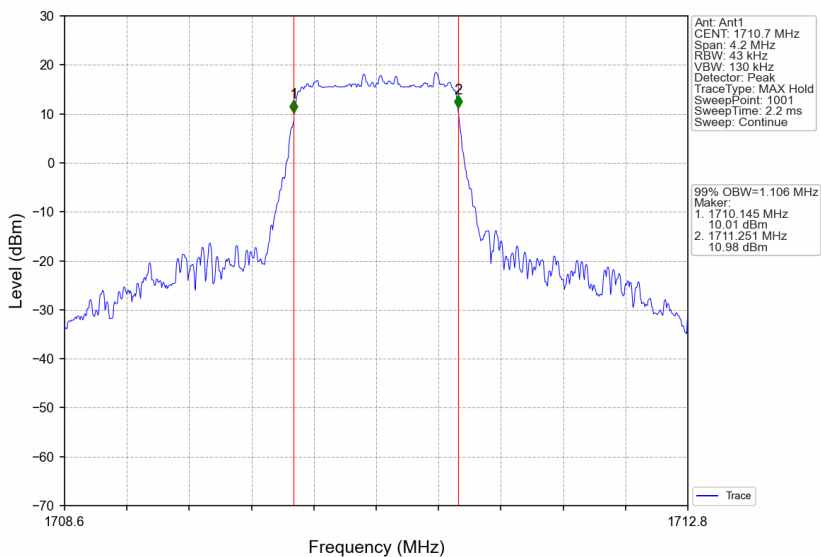
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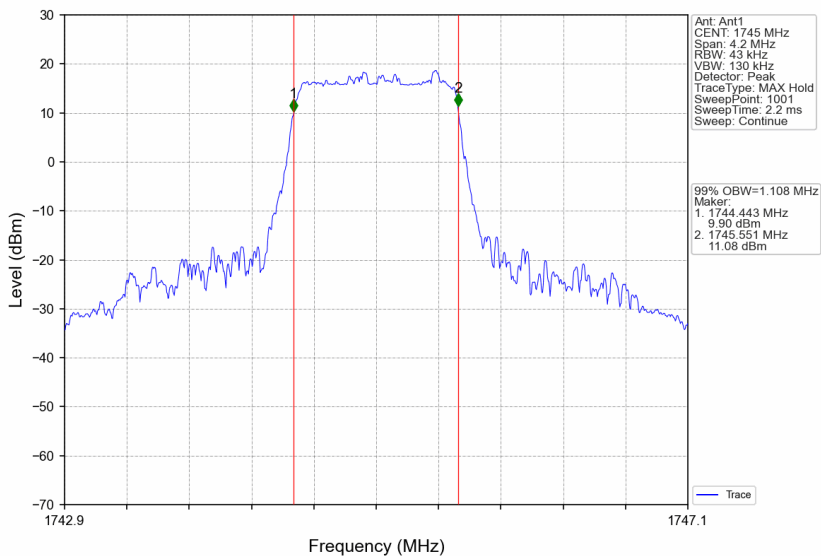
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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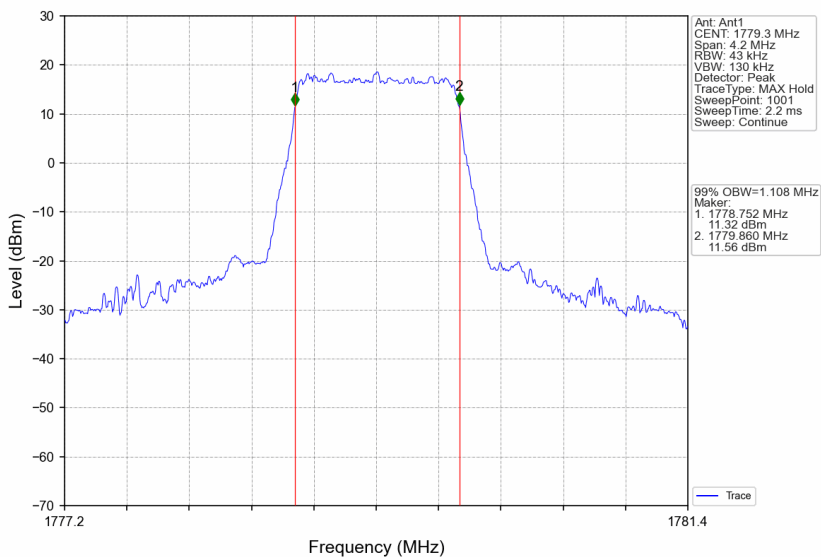
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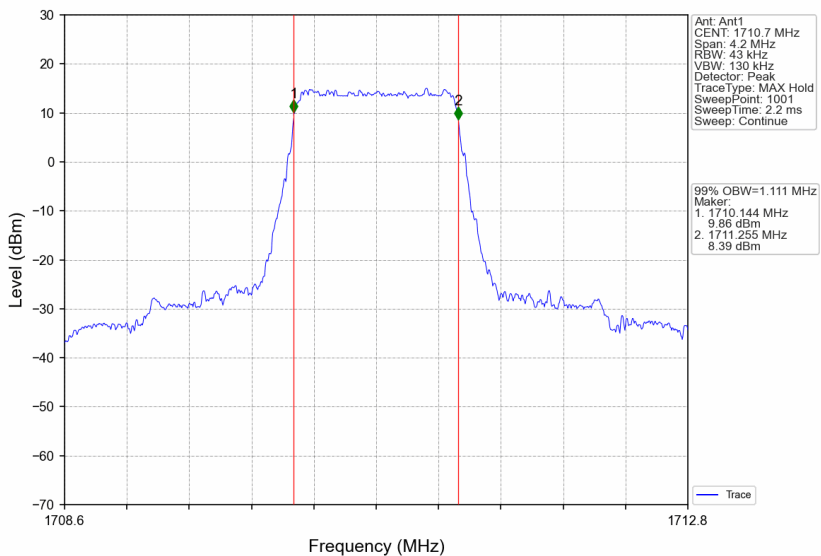
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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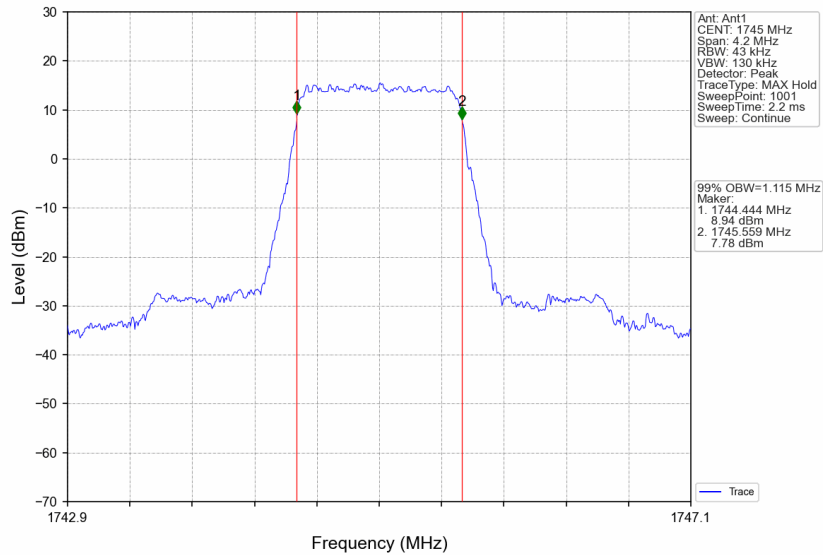
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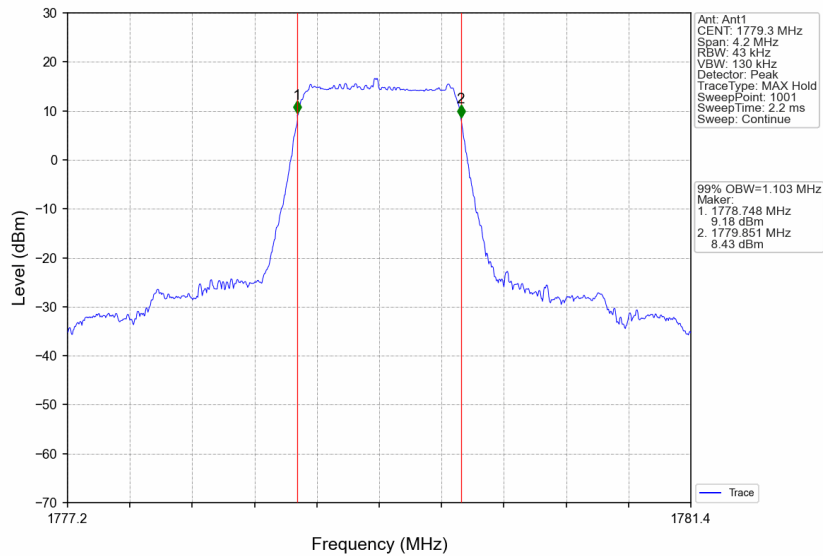
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Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



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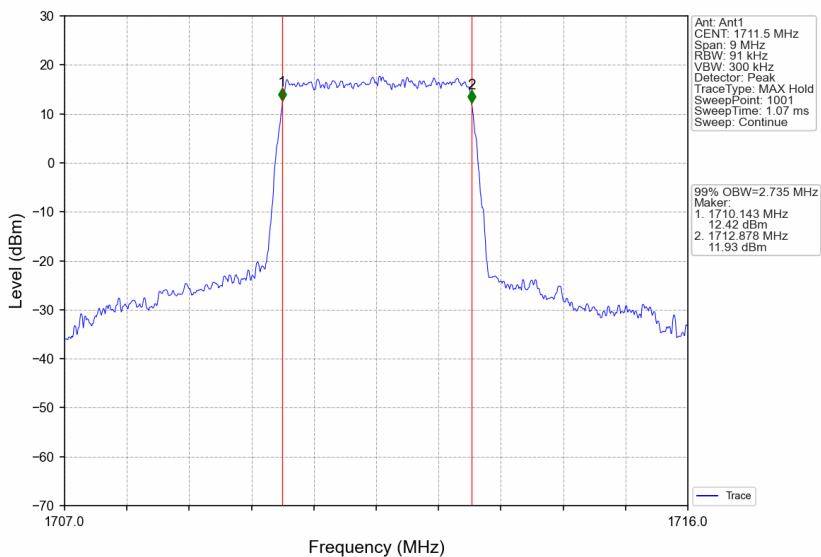
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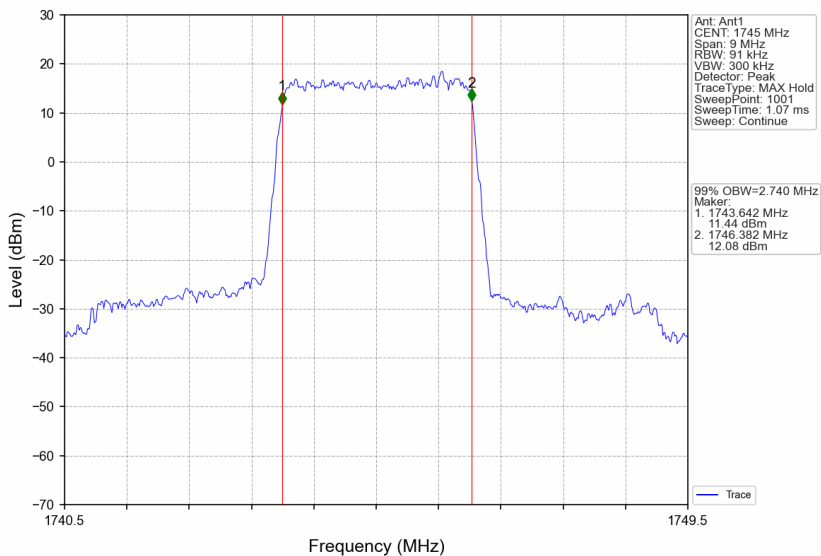
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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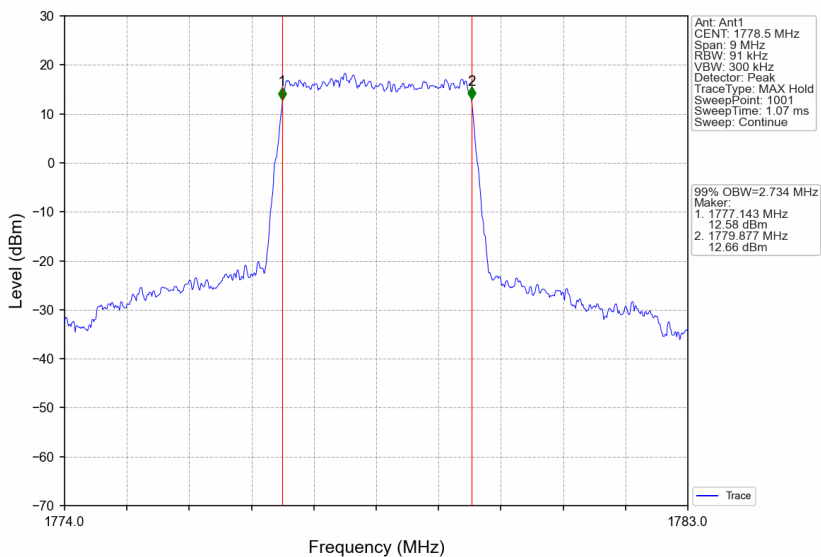
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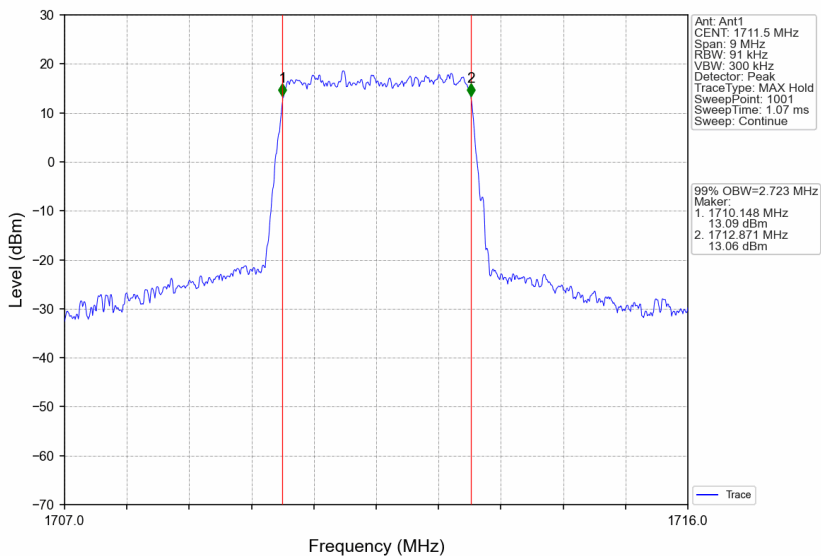
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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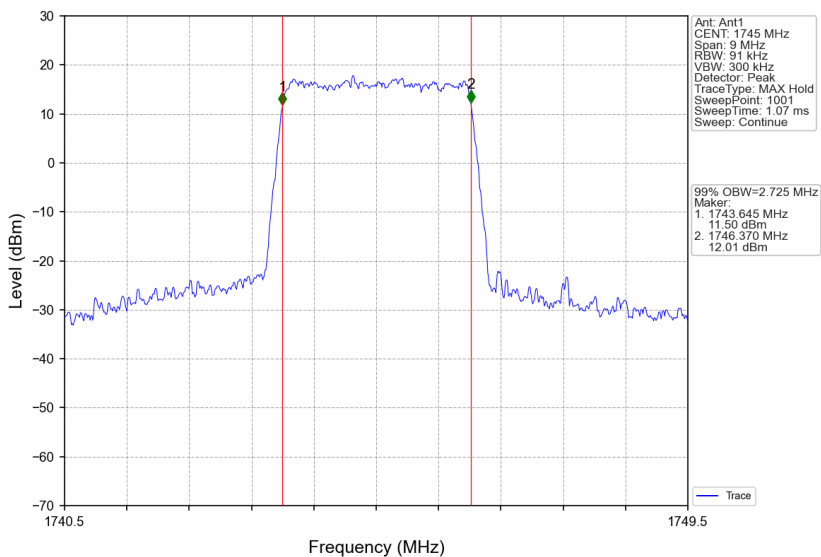
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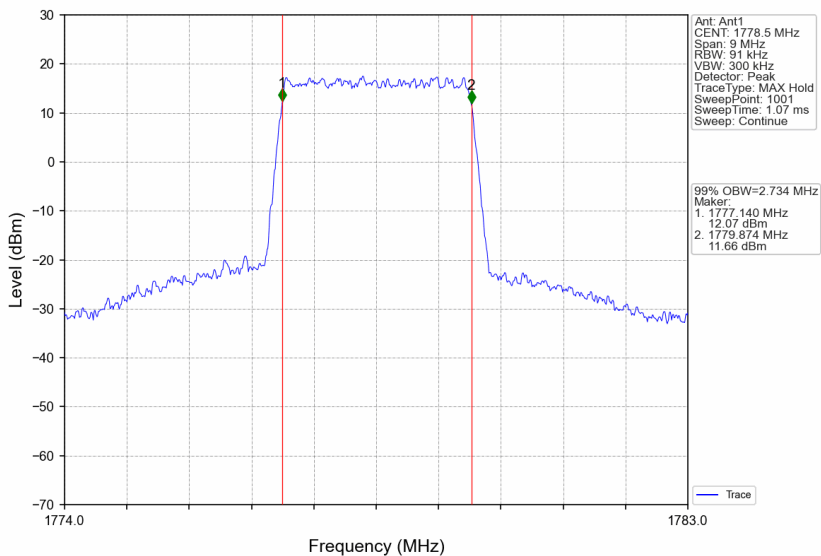
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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



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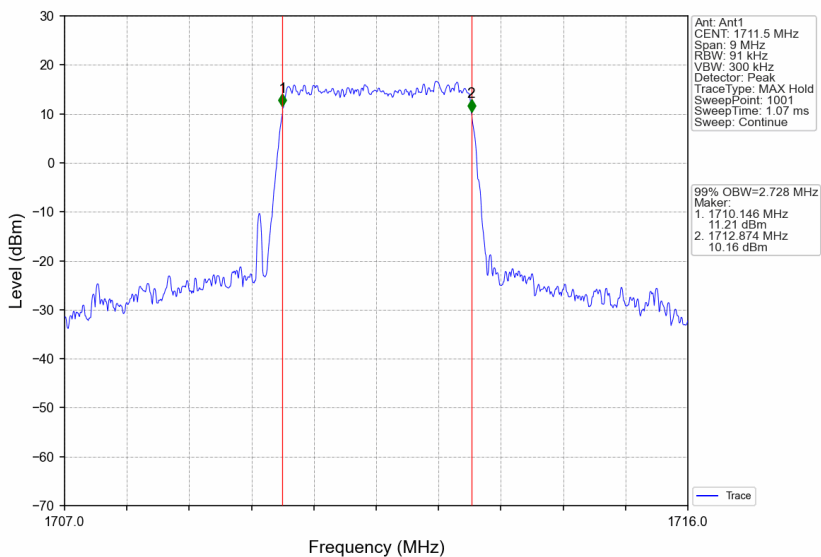
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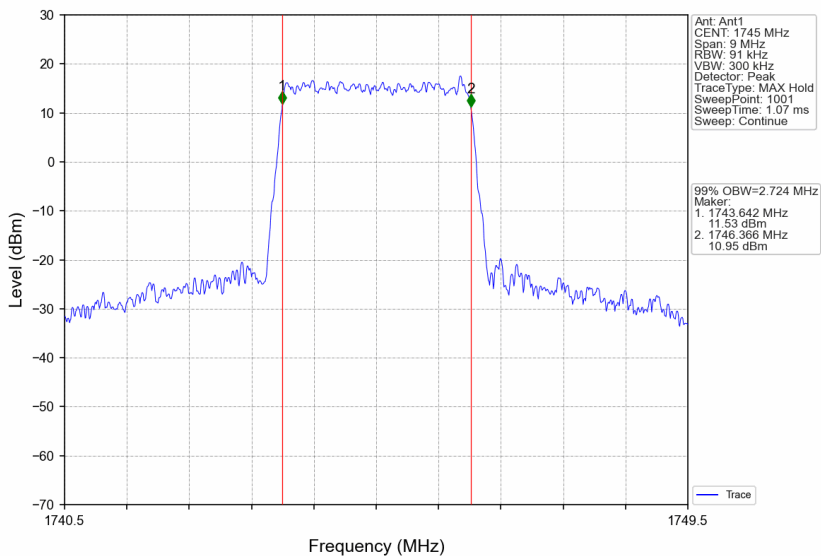
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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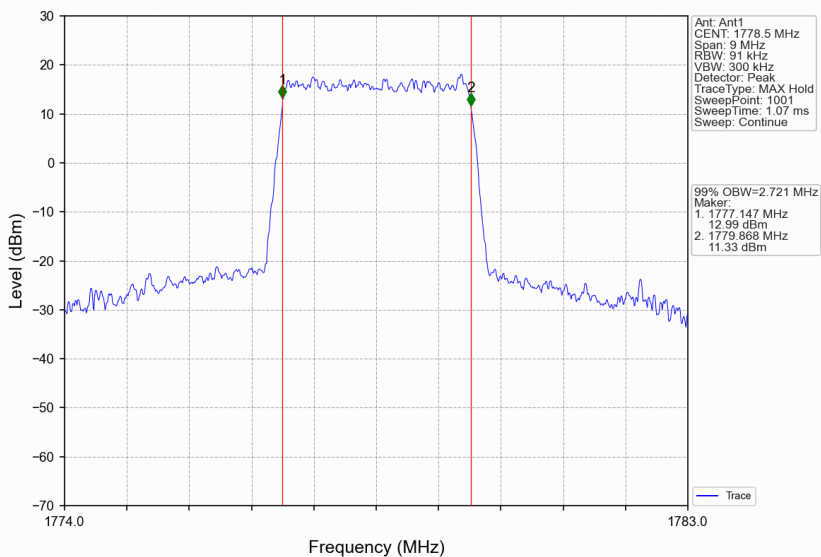
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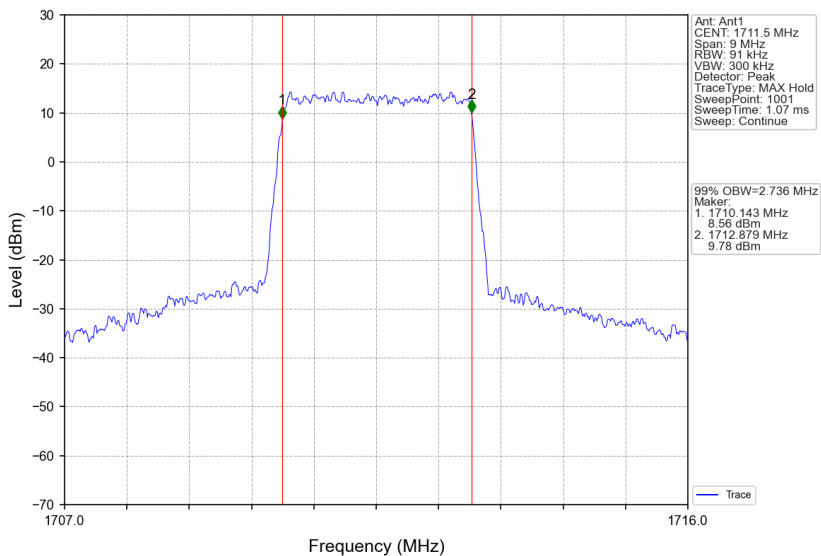
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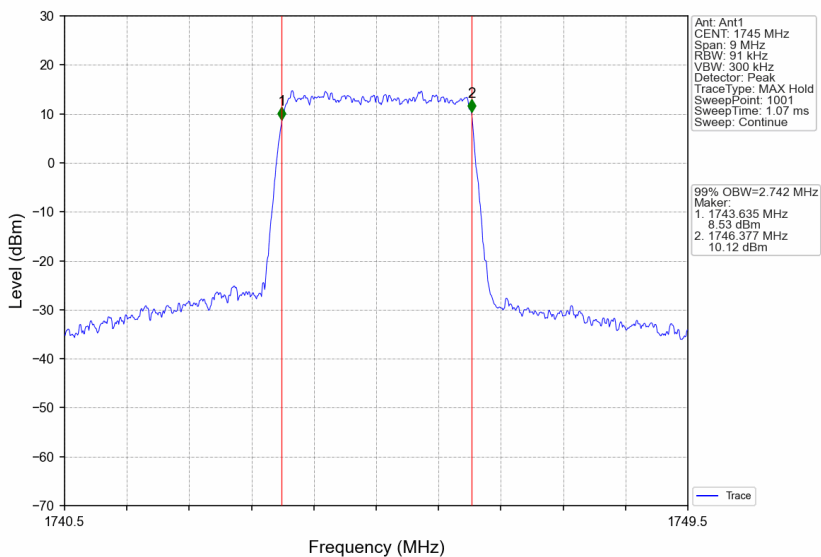
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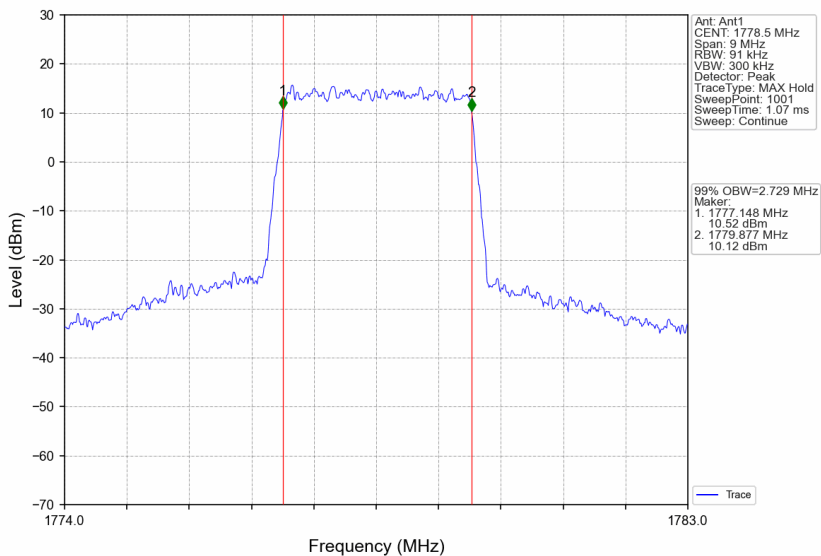
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Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



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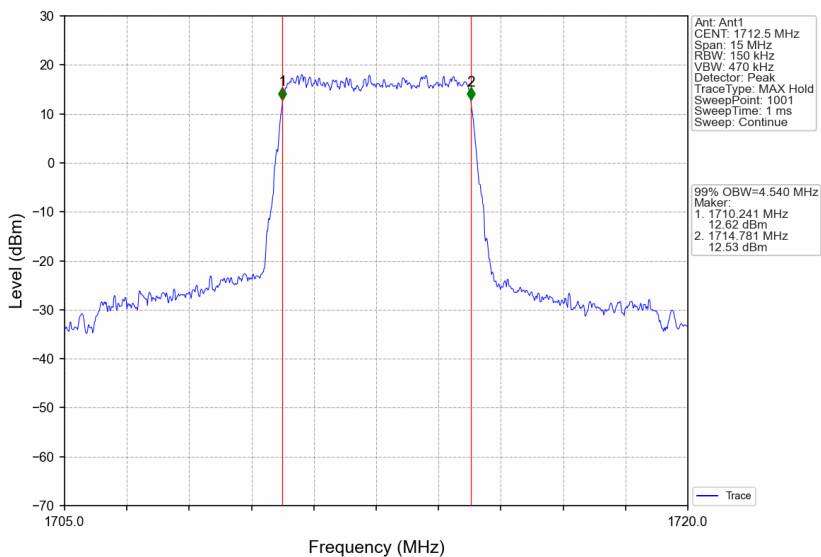
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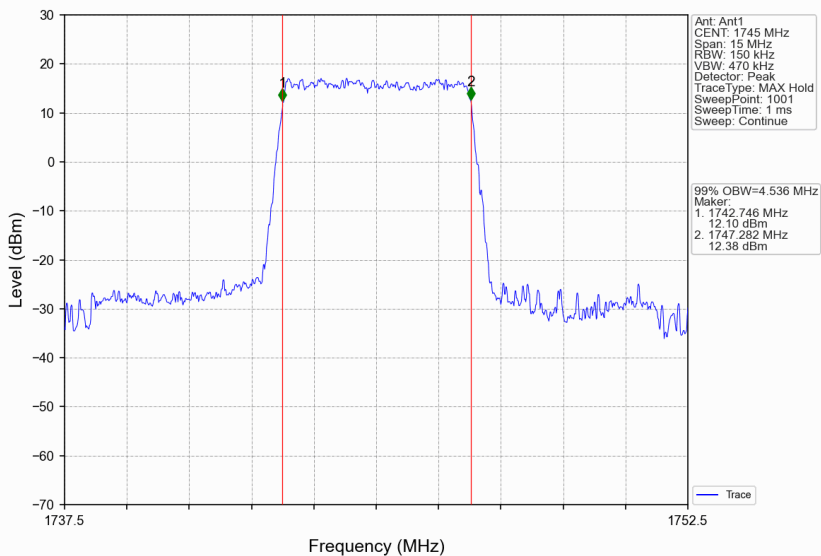
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Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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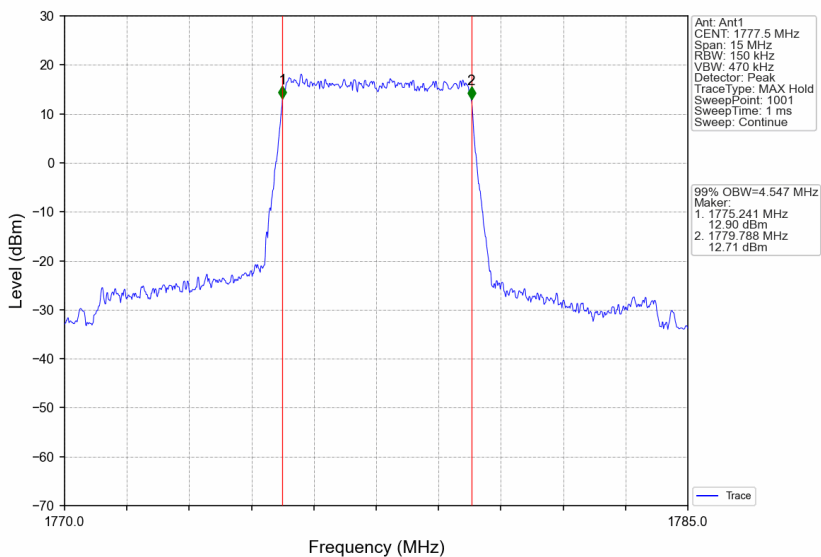
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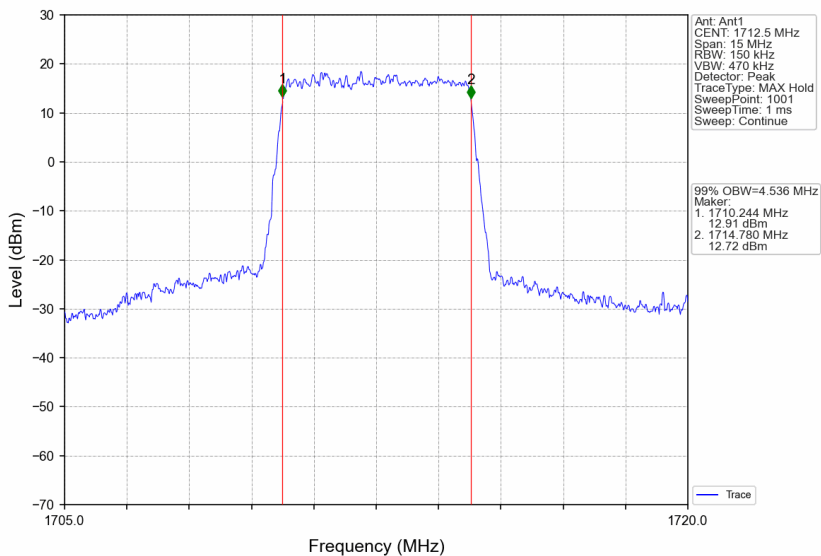
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Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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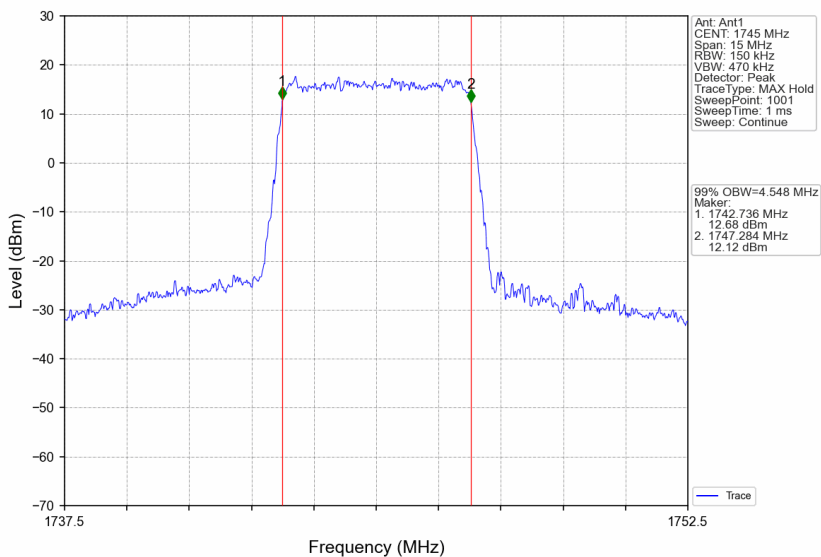
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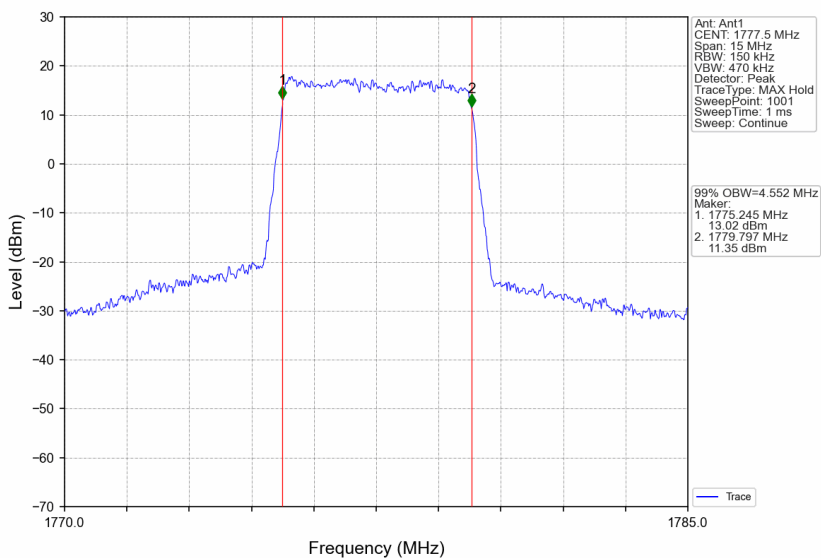
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Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



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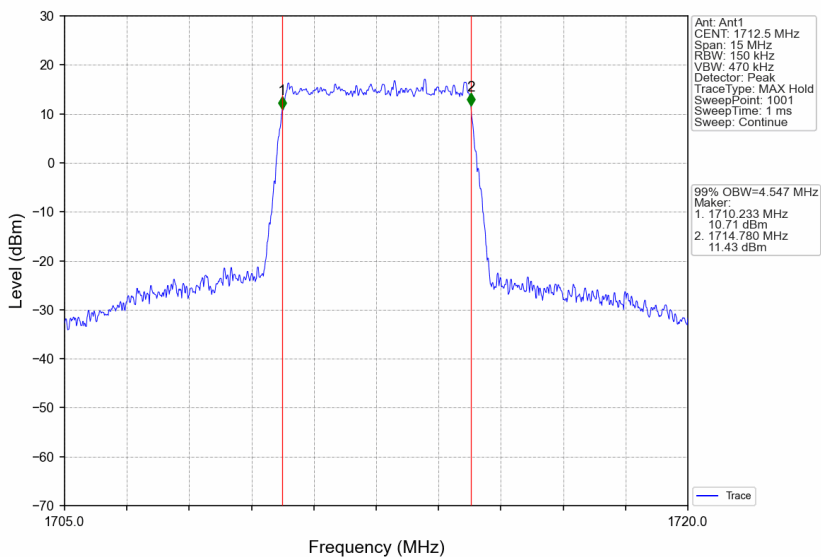
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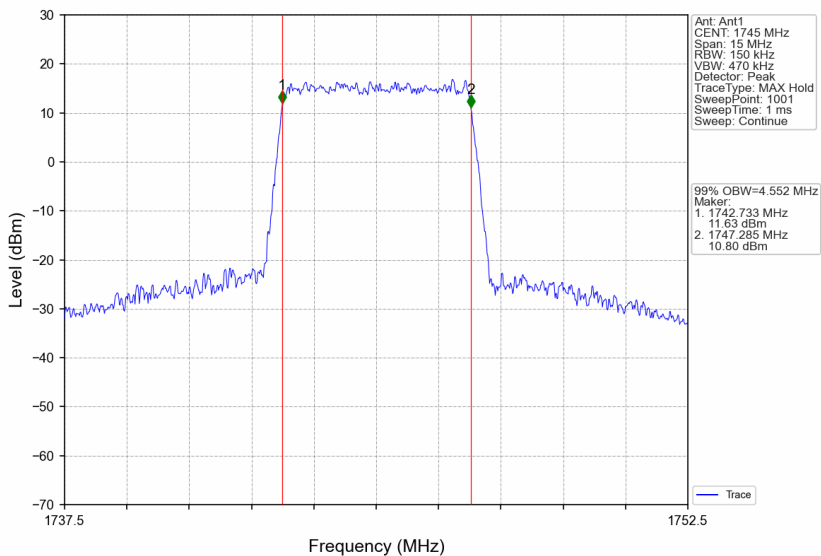
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



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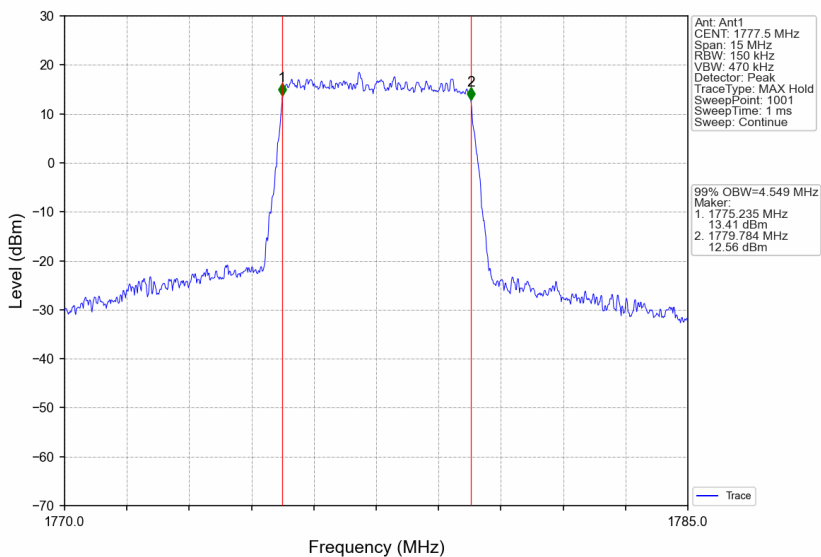
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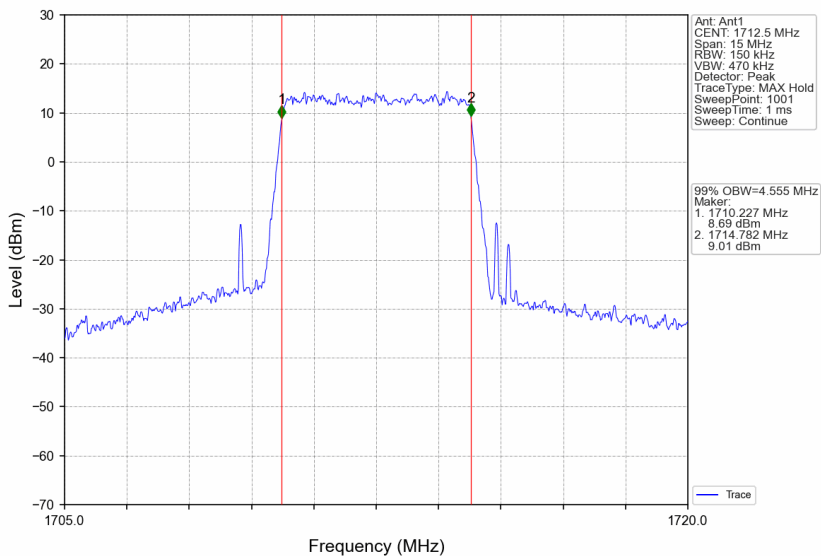
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



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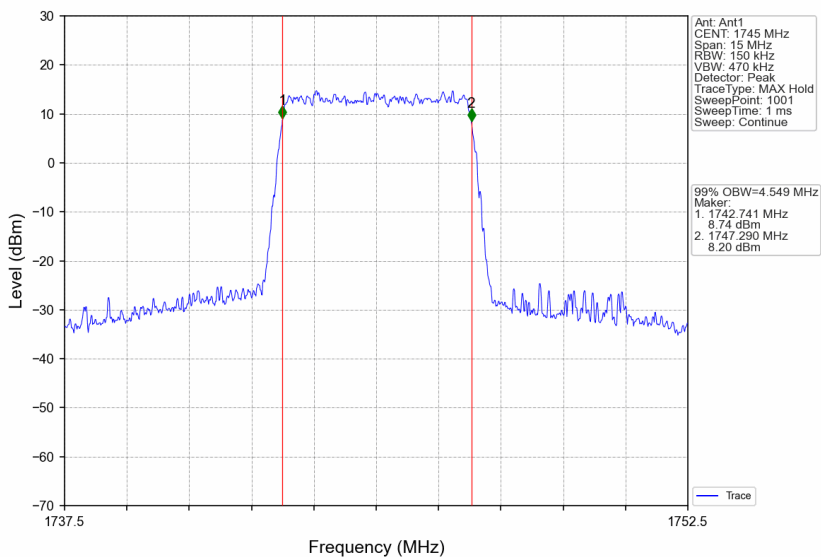
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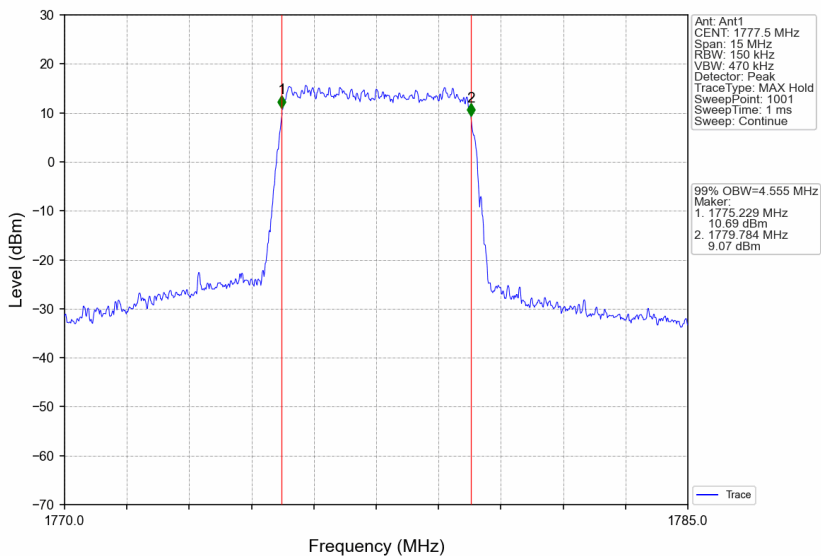
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Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



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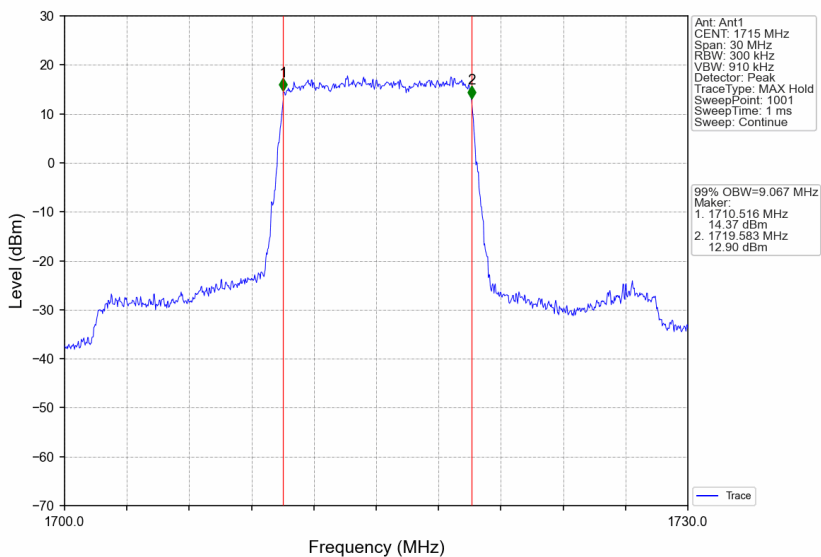
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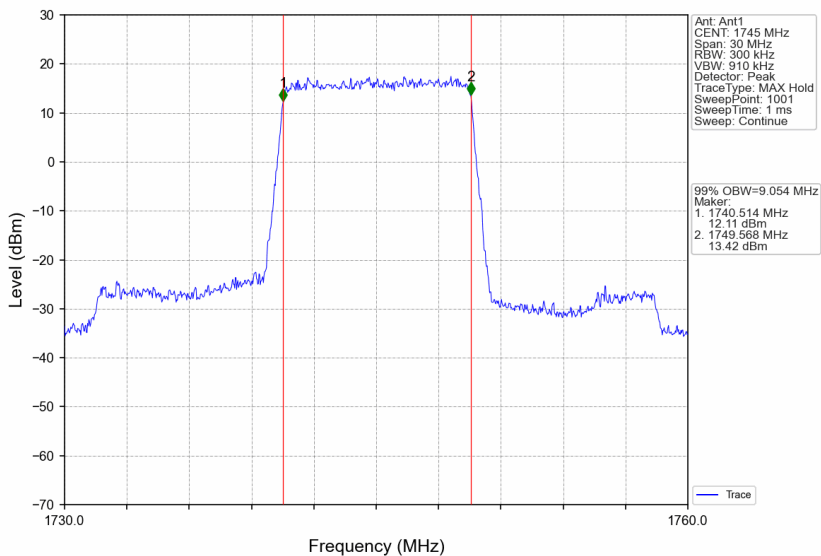
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Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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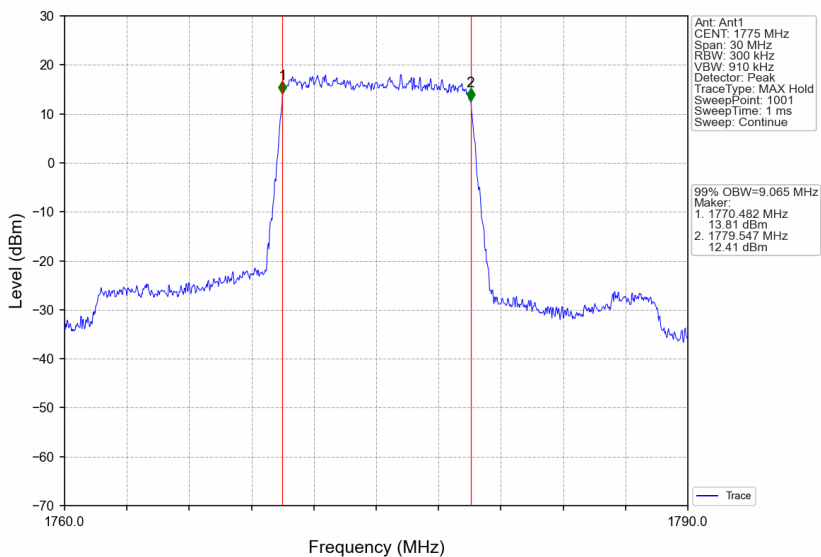
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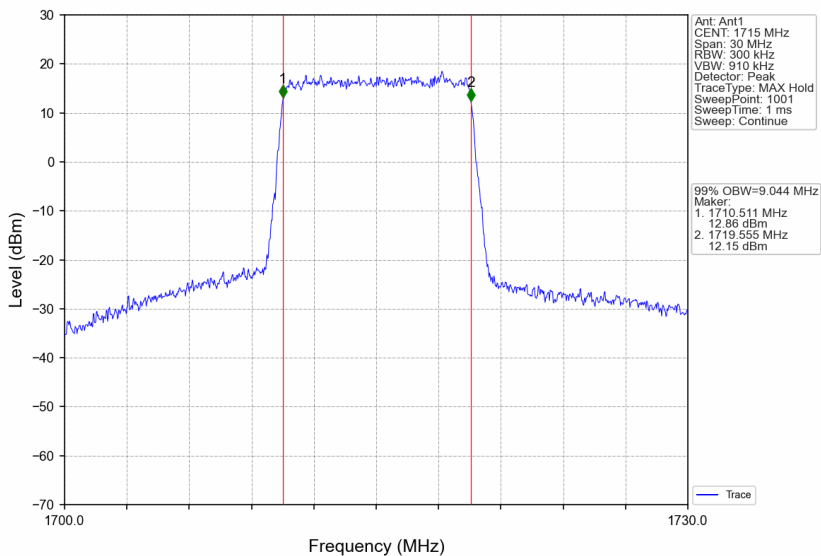
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Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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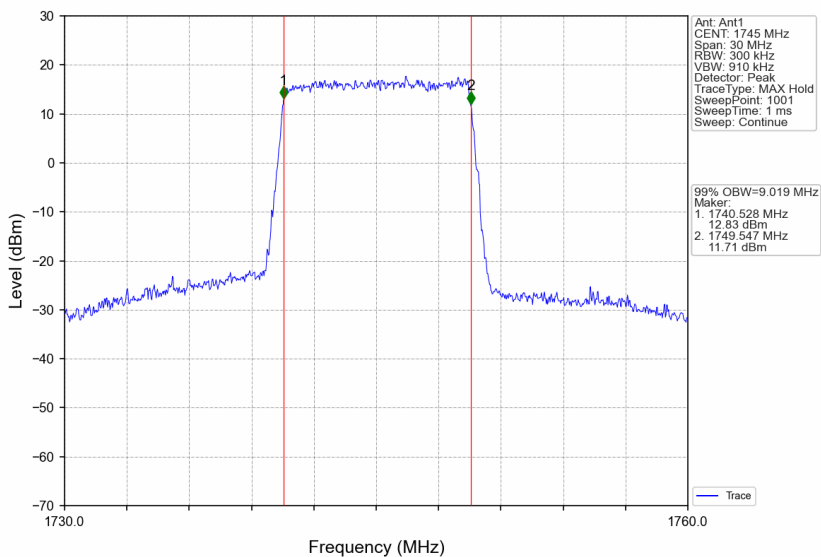
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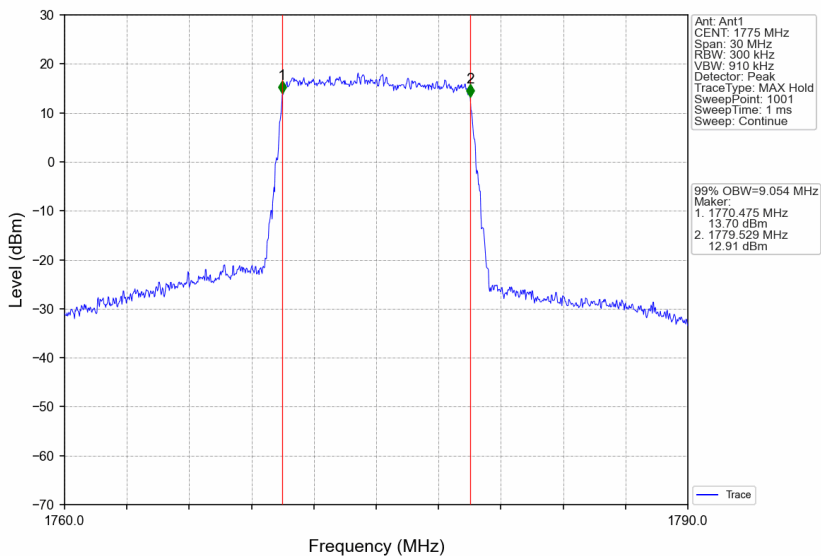
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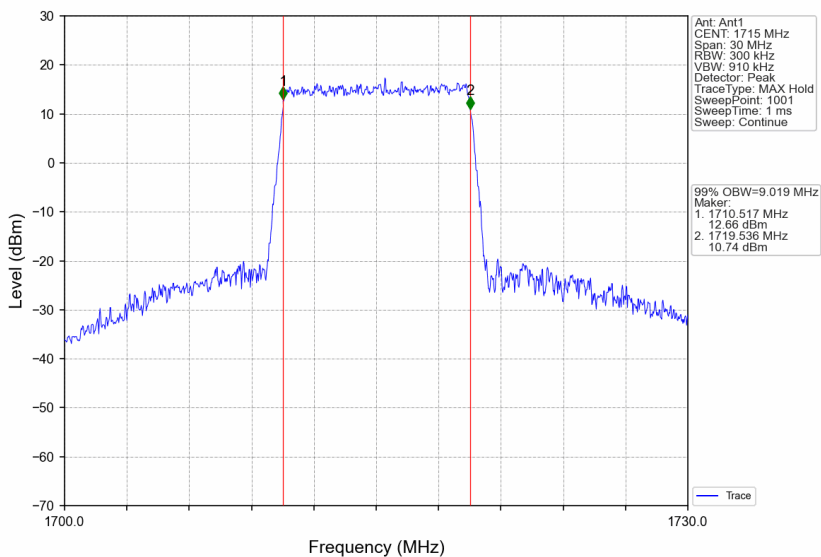
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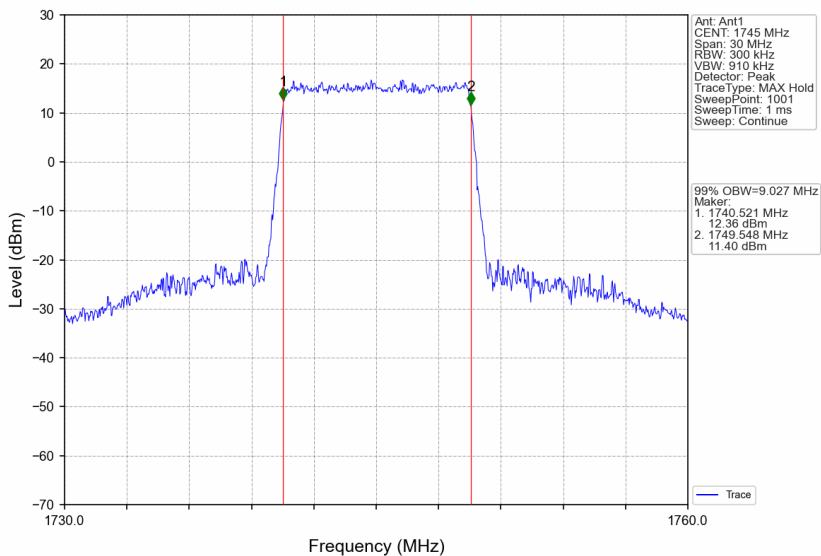
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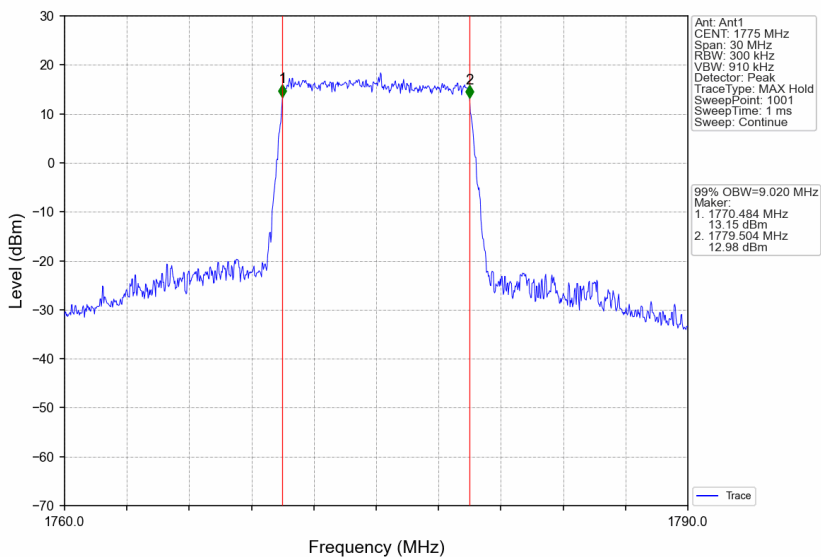
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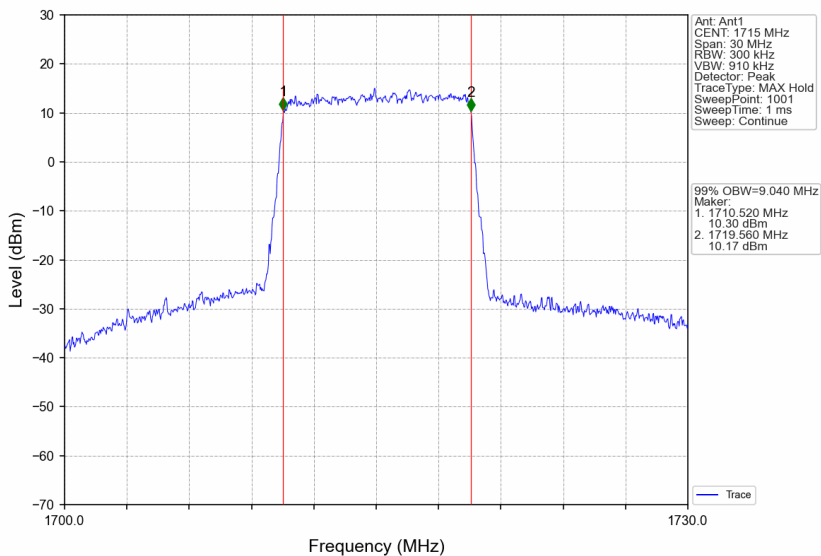
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Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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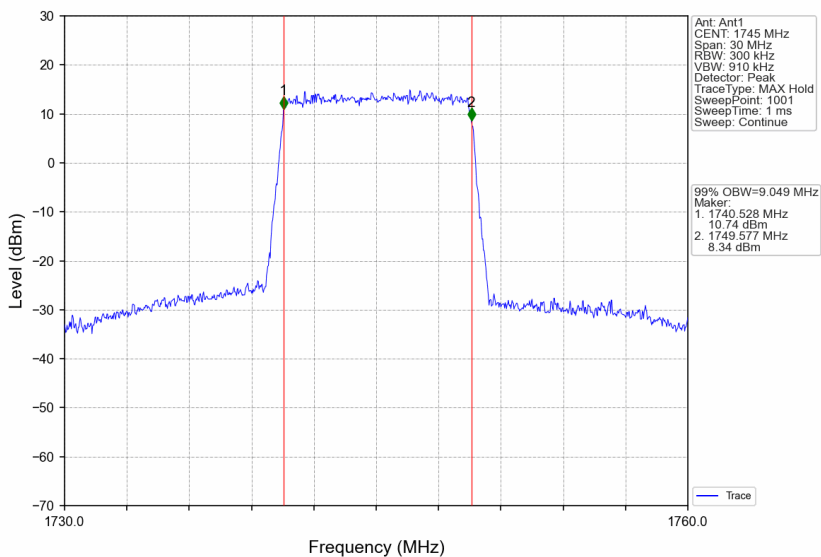
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Report No.: SEWM2311000456RG01

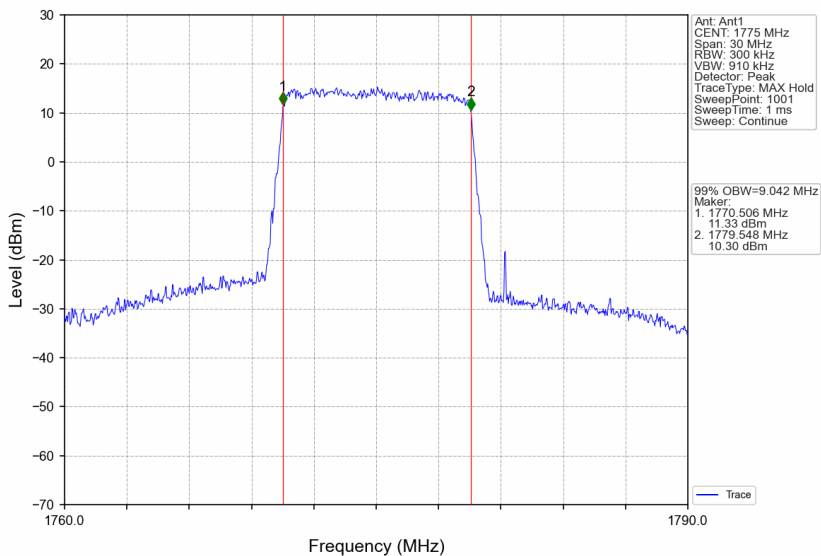
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Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



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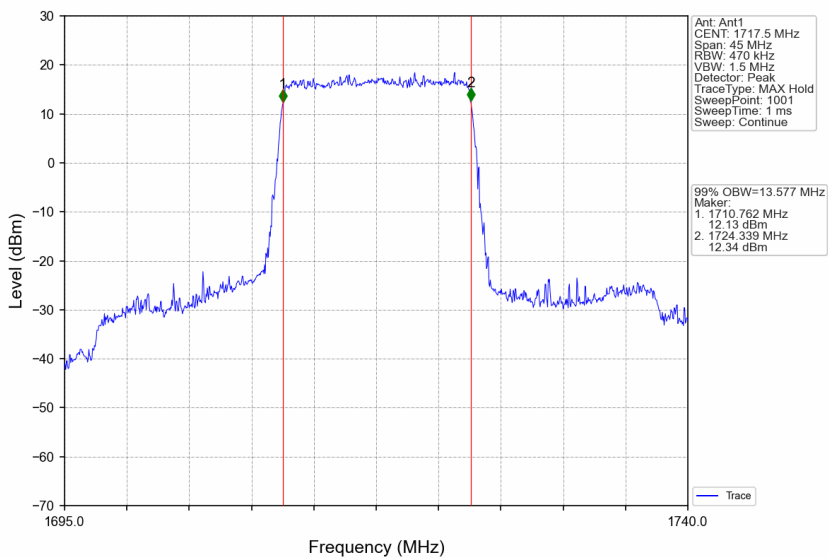
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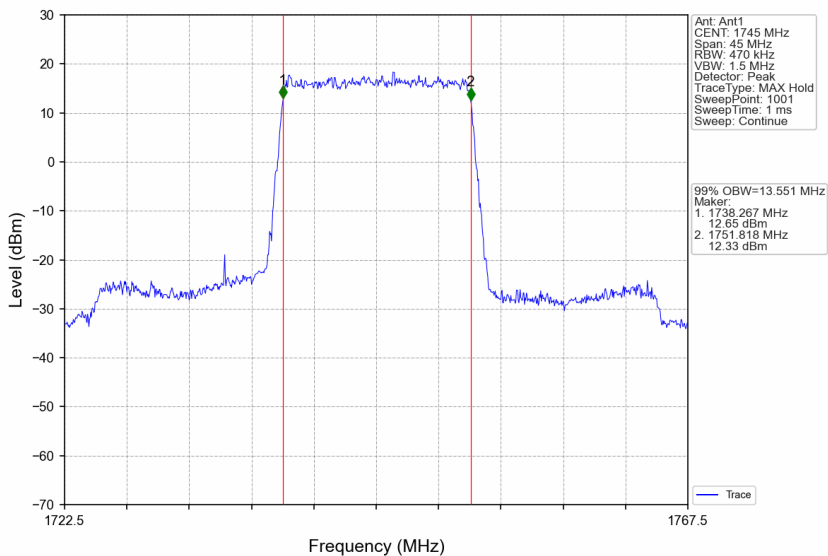
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Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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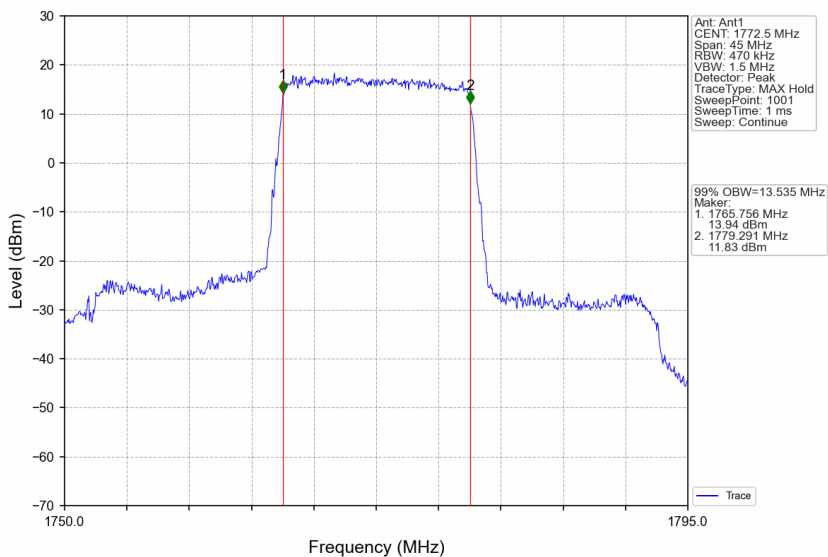
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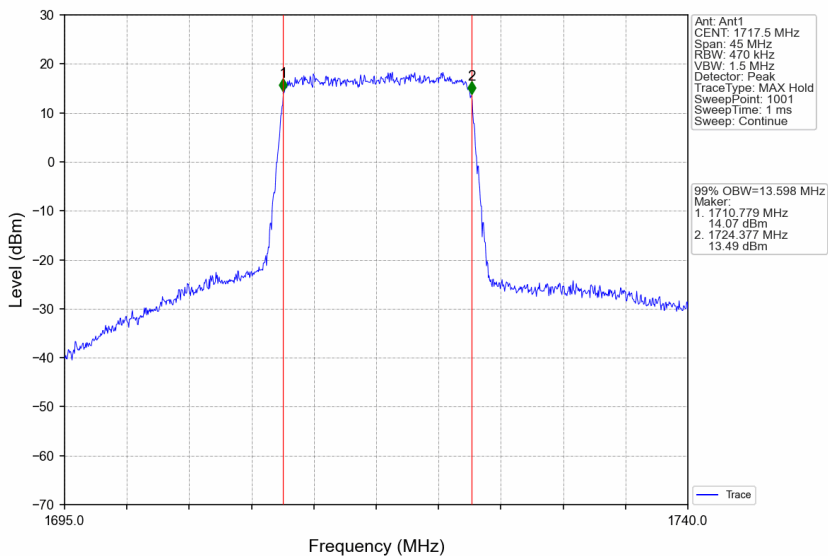
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Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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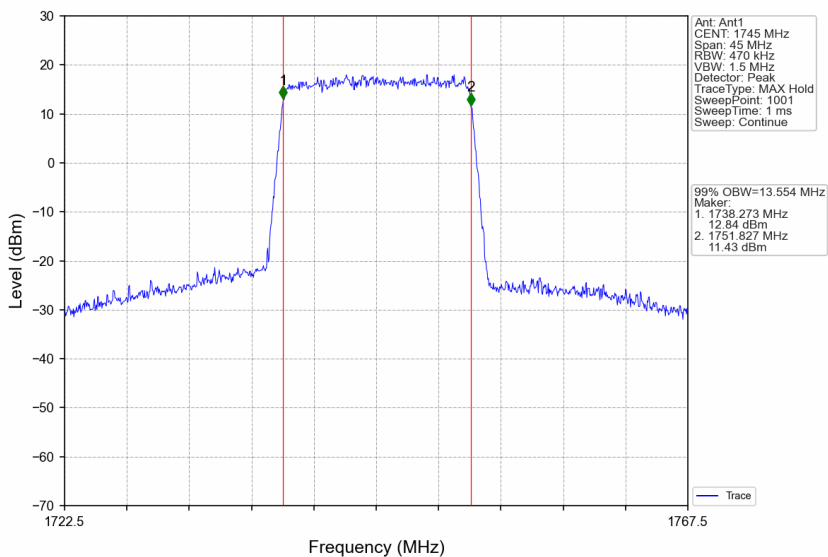
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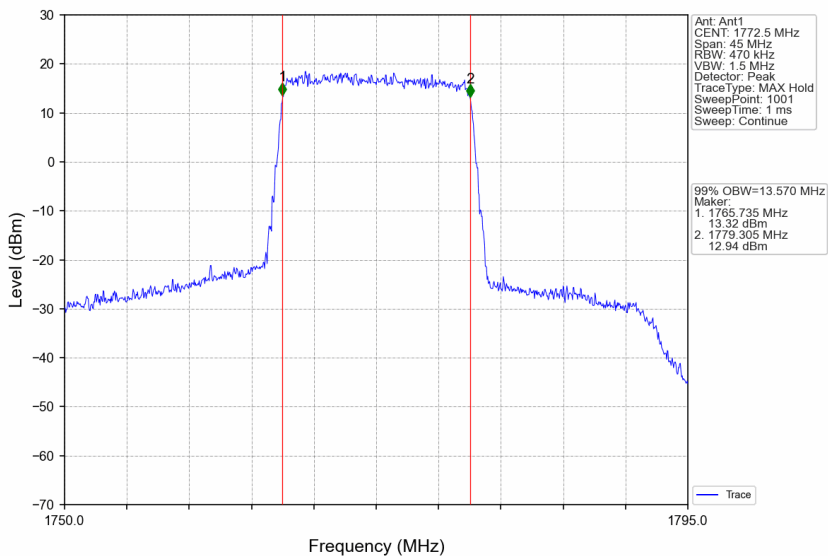
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Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



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