

Appendix Y for KSCR2205000668AT-FCC-LTE-Band66

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	22.30	-0.28	22.02	<=30	Pass	
			2	22.52	-0.28	22.24	<=30	Pass	
			5	22.35	-0.28	22.07	<=30	Pass	
		3	0	22.42	-0.28	22.14	<=30	Pass	
			2	22.40	-0.28	22.12	<=30	Pass	
			3	22.43	-0.28	22.15	<=30	Pass	
		6	0	21.37	-0.28	21.09	<=30	Pass	
			0	22.54	-0.28	22.26	<=30	Pass	
			2	22.80	-0.28	22.52	<=30	Pass	
	1745	1	5	22.56	-0.28	22.28	<=30	Pass	
			0	22.69	-0.28	22.41	<=30	Pass	
			2	22.62	-0.28	22.34	<=30	Pass	
		3	3	22.65	-0.28	22.37	<=30	Pass	
			0	21.63	-0.28	21.35	<=30	Pass	
			0	22.39	-0.28	22.11	<=30	Pass	
	1779.3	1	2	22.59	-0.28	22.31	<=30	Pass	
			5	22.42	-0.28	22.14	<=30	Pass	
			0	22.50	-0.28	22.22	<=30	Pass	
		3	2	22.49	-0.28	22.21	<=30	Pass	
			3	22.51	-0.28	22.23	<=30	Pass	
			0	21.44	-0.28	21.16	<=30	Pass	
	16QAM	1710.7	1	0	21.68	-0.28	21.40	<=30	Pass
				2	21.88	-0.28	21.60	<=30	Pass
				5	21.66	-0.28	21.38	<=30	Pass
3			0	21.42	-0.28	21.14	<=30	Pass	
			2	21.41	-0.28	21.13	<=30	Pass	
			3	21.44	-0.28	21.16	<=30	Pass	
6			0	20.36	-0.28	20.08	<=30	Pass	
			0	21.49	-0.28	21.21	<=30	Pass	
			2	21.71	-0.28	21.43	<=30	Pass	
1745		1	5	21.49	-0.28	21.21	<=30	Pass	
			0	21.52	-0.28	21.24	<=30	Pass	
			2	21.50	-0.28	21.22	<=30	Pass	
		3	3	21.56	-0.28	21.28	<=30	Pass	
			0	20.65	-0.28	20.37	<=30	Pass	
			0	21.75	-0.28	21.47	<=30	Pass	
1779.3		1	2	21.92	-0.28	21.64	<=30	Pass	
			5	21.69	-0.28	21.41	<=30	Pass	
			0	21.51	-0.28	21.23	<=30	Pass	
		3	2	21.46	-0.28	21.18	<=30	Pass	
			3	21.55	-0.28	21.27	<=30	Pass	

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64QAM	1710.7	6	0	20.43	-0.28	20.15	<=30	Pass	
			1	0	20.12	-0.28	19.84	<=30	Pass
				2	20.29	-0.28	20.01	<=30	Pass
		3	5	20.10	-0.28	19.82	<=30	Pass	
			0	20.30	-0.28	20.02	<=30	Pass	
			2	20.28	-0.28	20.00	<=30	Pass	
		6	3	20.34	-0.28	20.06	<=30	Pass	
			0	19.35	-0.28	19.07	<=30	Pass	
			0	20.39	-0.28	20.11	<=30	Pass	
	1745	1	2	20.65	-0.28	20.37	<=30	Pass	
			5	20.44	-0.28	20.16	<=30	Pass	
			0	20.87	-0.28	20.59	<=30	Pass	
		3	2	20.81	-0.28	20.53	<=30	Pass	
			3	20.90	-0.28	20.62	<=30	Pass	
			0	19.61	-0.28	19.33	<=30	Pass	
		1779.3	1	0	20.17	-0.28	19.89	<=30	Pass
				2	20.35	-0.28	20.07	<=30	Pass
				5	20.15	-0.28	19.87	<=30	Pass
	3		0	20.37	-0.28	20.09	<=30	Pass	
			2	20.34	-0.28	20.06	<=30	Pass	
			3	20.41	-0.28	20.13	<=30	Pass	
	6		0	19.42	-0.28	19.14	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

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	22.38	-0.28	22.10	<=30	Pass	
			7	22.36	-0.28	22.08	<=30	Pass	
			14	22.43	-0.28	22.15	<=30	Pass	
		8	0	21.38	-0.28	21.10	<=30	Pass	
			4	21.39	-0.28	21.11	<=30	Pass	
			7	21.35	-0.28	21.07	<=30	Pass	
		15	0	21.33	-0.28	21.05	<=30	Pass	
		1745	1	0	22.59	-0.28	22.31	<=30	Pass
				7	22.45	-0.28	22.17	<=30	Pass
	14			22.57	-0.28	22.29	<=30	Pass	
	8		0	21.60	-0.28	21.32	<=30	Pass	
			4	21.63	-0.28	21.35	<=30	Pass	
			7	21.58	-0.28	21.30	<=30	Pass	
	15		0	21.57	-0.28	21.29	<=30	Pass	
	1778.5		1	0	22.47	-0.28	22.19	<=30	Pass
				7	22.35	-0.28	22.07	<=30	Pass
		14		22.52	-0.28	22.24	<=30	Pass	
		8	0	21.48	-0.28	21.20	<=30	Pass	
			4	21.49	-0.28	21.21	<=30	Pass	
			7	21.43	-0.28	21.15	<=30	Pass	
		15	0	21.45	-0.28	21.17	<=30	Pass	

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16QAM	1711.5	1	0	21.70	-0.28	21.42	<=30	Pass
			7	21.62	-0.28	21.34	<=30	Pass
			14	21.84	-0.28	21.56	<=30	Pass
		8	0	20.43	-0.28	20.15	<=30	Pass
			4	20.47	-0.28	20.19	<=30	Pass
	7		20.38	-0.28	20.10	<=30	Pass	
	15	0	20.38	-0.28	20.10	<=30	Pass	
	1745	1	0	21.62	-0.28	21.34	<=30	Pass
			7	21.49	-0.28	21.21	<=30	Pass
			14	21.63	-0.28	21.35	<=30	Pass
		8	0	20.61	-0.28	20.33	<=30	Pass
			4	20.63	-0.28	20.35	<=30	Pass
	7		20.61	-0.28	20.33	<=30	Pass	
	15	0	20.55	-0.28	20.27	<=30	Pass	
	1778.5	1	0	21.40	-0.28	21.12	<=30	Pass
7			21.26	-0.28	20.98	<=30	Pass	
14			21.36	-0.28	21.08	<=30	Pass	
8		0	20.43	-0.28	20.15	<=30	Pass	
		4	20.44	-0.28	20.16	<=30	Pass	
	7	20.38	-0.28	20.10	<=30	Pass		
15	0	20.46	-0.28	20.18	<=30	Pass		
64QAM	1711.5	1	0	20.15	-0.28	19.87	<=30	Pass
			7	20.10	-0.28	19.82	<=30	Pass
			14	20.20	-0.28	19.92	<=30	Pass
		8	0	19.48	-0.28	19.20	<=30	Pass
			4	19.51	-0.28	19.23	<=30	Pass
	7		19.45	-0.28	19.17	<=30	Pass	
	15	0	19.37	-0.28	19.09	<=30	Pass	
	1745	1	0	20.37	-0.28	20.09	<=30	Pass
			7	20.21	-0.28	19.93	<=30	Pass
			14	20.33	-0.28	20.05	<=30	Pass
		8	0	19.65	-0.28	19.37	<=30	Pass
			4	19.66	-0.28	19.38	<=30	Pass
	7		19.65	-0.28	19.37	<=30	Pass	
	15	0	19.61	-0.28	19.33	<=30	Pass	
	1778.5	1	0	20.30	-0.28	20.02	<=30	Pass
7			20.20	-0.28	19.92	<=30	Pass	
14			20.34	-0.28	20.06	<=30	Pass	
8		0	19.59	-0.28	19.31	<=30	Pass	
		4	19.60	-0.28	19.32	<=30	Pass	
	7	19.52	-0.28	19.24	<=30	Pass		
15	0	19.53	-0.28	19.25	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

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	22.21	-0.28	21.93	<=30	Pass



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	1745	12	13	22.39	-0.28	22.11	<=30	Pass	
			24	22.26	-0.28	21.98	<=30	Pass	
			0	21.38	-0.28	21.10	<=30	Pass	
		25	12	6	21.44	-0.28	21.16	<=30	Pass
				13	21.33	-0.28	21.05	<=30	Pass
				0	21.39	-0.28	21.11	<=30	Pass
		1777.5	1	0	22.53	-0.28	22.25	<=30	Pass
				13	22.67	-0.28	22.39	<=30	Pass
				24	22.41	-0.28	22.13	<=30	Pass
			12	0	21.61	-0.28	21.33	<=30	Pass
				6	21.65	-0.28	21.37	<=30	Pass
				13	21.57	-0.28	21.29	<=30	Pass
	1777.5	1	0	22.31	-0.28	22.03	<=30	Pass	
			13	22.44	-0.28	22.16	<=30	Pass	
			24	22.34	-0.28	22.06	<=30	Pass	
		12	0	21.47	-0.28	21.19	<=30	Pass	
			6	21.47	-0.28	21.19	<=30	Pass	
			13	21.33	-0.28	21.05	<=30	Pass	
	16QAM	1712.5	1	0	21.40	-0.28	21.12	<=30	Pass
				13	21.56	-0.28	21.28	<=30	Pass
				24	21.44	-0.28	21.16	<=30	Pass
			12	0	20.39	-0.28	20.11	<=30	Pass
				6	20.42	-0.28	20.14	<=30	Pass
				13	20.32	-0.28	20.04	<=30	Pass
1745			1	0	21.97	-0.28	21.69	<=30	Pass
				13	22.11	-0.28	21.83	<=30	Pass
				24	21.97	-0.28	21.69	<=30	Pass
			12	0	20.60	-0.28	20.32	<=30	Pass
				6	20.67	-0.28	20.39	<=30	Pass
				13	20.55	-0.28	20.27	<=30	Pass
1777.5		1	0	21.30	-0.28	21.02	<=30	Pass	
			13	21.38	-0.28	21.10	<=30	Pass	
			24	21.29	-0.28	21.01	<=30	Pass	
		12	0	20.50	-0.28	20.22	<=30	Pass	
			6	20.54	-0.28	20.26	<=30	Pass	
			13	20.38	-0.28	20.10	<=30	Pass	
64QAM		1712.5	1	0	20.26	-0.28	19.98	<=30	Pass
				13	20.39	-0.28	20.11	<=30	Pass
				24	20.31	-0.28	20.03	<=30	Pass
			12	0	19.48	-0.28	19.20	<=30	Pass
				6	19.53	-0.28	19.25	<=30	Pass
				13	19.43	-0.28	19.15	<=30	Pass
	1745		1	0	19.48	-0.28	19.20	<=30	Pass
				13	20.48	-0.28	20.20	<=30	Pass
				24	20.58	-0.28	20.30	<=30	Pass
			12	0	20.45	-0.28	20.17	<=30	Pass
				6	19.63	-0.28	19.35	<=30	Pass
				13	19.68	-0.28	19.40	<=30	Pass
				13	19.57	-0.28	19.29	<=30	Pass



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	1777.5	25	0	19.61	-0.28	19.33	<=30	Pass
		1	0	20.32	-0.28	20.04	<=30	Pass
			13	20.45	-0.28	20.17	<=30	Pass
			24	20.35	-0.28	20.07	<=30	Pass
		12	0	19.50	-0.28	19.22	<=30	Pass
			6	19.56	-0.28	19.28	<=30	Pass
			13	19.40	-0.28	19.12	<=30	Pass
		25	0	19.47	-0.28	19.19	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	22.30	-0.28	22.02	<=30	Pass		
			25	22.51	-0.28	22.23	<=30	Pass		
			49	22.39	-0.28	22.11	<=30	Pass		
		25	0	21.48	-0.28	21.20	<=30	Pass		
			13	21.43	-0.28	21.15	<=30	Pass		
			25	21.43	-0.28	21.15	<=30	Pass		
		50	0	21.40	-0.28	21.12	<=30	Pass		
		1745	1	0	22.67	-0.28	22.39	<=30	Pass	
				25	22.78	-0.28	22.50	<=30	Pass	
	49			22.67	-0.28	22.39	<=30	Pass		
	25		0	21.70	-0.28	21.42	<=30	Pass		
			13	21.69	-0.28	21.41	<=30	Pass		
			25	21.62	-0.28	21.34	<=30	Pass		
	50	0	21.65	-0.28	21.37	<=30	Pass			
	1775	1	0	22.61	-0.28	22.33	<=30	Pass		
			25	22.50	-0.28	22.22	<=30	Pass		
			49	22.48	-0.28	22.20	<=30	Pass		
		25	0	21.48	-0.28	21.20	<=30	Pass		
			13	21.51	-0.28	21.23	<=30	Pass		
			25	21.36	-0.28	21.08	<=30	Pass		
		50	0	21.39	-0.28	21.11	<=30	Pass		
		16QAM	1715	1	0	21.34	-0.28	21.06	<=30	Pass
					25	21.52	-0.28	21.24	<=30	Pass
	49				21.47	-0.28	21.19	<=30	Pass	
25	0			20.49	-0.28	20.21	<=30	Pass		
	13			20.46	-0.28	20.18	<=30	Pass		
	25			20.44	-0.28	20.16	<=30	Pass		
50	0		20.40	-0.28	20.12	<=30	Pass			
1745	1		0	21.59	-0.28	21.31	<=30	Pass		
			25	21.66	-0.28	21.38	<=30	Pass		
			49	21.59	-0.28	21.31	<=30	Pass		
	25		0	20.77	-0.28	20.49	<=30	Pass		
			13	20.76	-0.28	20.48	<=30	Pass		
			25	20.68	-0.28	20.40	<=30	Pass		
	50		0	20.66	-0.28	20.38	<=30	Pass		

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64QAM	1775	1	0	21.87	-0.28	21.59	<=30	Pass	
			25	21.91	-0.28	21.63	<=30	Pass	
			49	21.82	-0.28	21.54	<=30	Pass	
		25	0	20.53	-0.28	20.25	<=30	Pass	
			13	20.53	-0.28	20.25	<=30	Pass	
			25	20.35	-0.28	20.07	<=30	Pass	
	50	0	20.42	-0.28	20.14	<=30	Pass		
	1715	1715	1	0	20.08	-0.28	19.80	<=30	Pass
				25	20.18	-0.28	19.90	<=30	Pass
				49	20.16	-0.28	19.88	<=30	Pass
			25	0	19.46	-0.28	19.18	<=30	Pass
				13	19.45	-0.28	19.17	<=30	Pass
				25	19.42	-0.28	19.14	<=30	Pass
		50	0	19.43	-0.28	19.15	<=30	Pass	
		1745	1745	1	0	20.49	-0.28	20.21	<=30
25					20.62	-0.28	20.34	<=30	Pass
49					20.56	-0.28	20.28	<=30	Pass
25				0	19.77	-0.28	19.49	<=30	Pass
				13	19.76	-0.28	19.48	<=30	Pass
				25	19.68	-0.28	19.40	<=30	Pass
50			0	19.70	-0.28	19.42	<=30	Pass	
1775			1	0	20.34	-0.28	20.06	<=30	Pass
	25			20.33	-0.28	20.05	<=30	Pass	
	49	20.01		-0.28	19.73	<=30	Pass		
	25	0	19.56	-0.28	19.28	<=30	Pass		
		13	19.58	-0.28	19.30	<=30	Pass		
		25	19.43	-0.28	19.15	<=30	Pass		
50	0	19.46	-0.28	19.18	<=30	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

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	22.27	-0.28	21.99	<=30	Pass	
			38	22.41	-0.28	22.13	<=30	Pass	
			74	22.42	-0.28	22.14	<=30	Pass	
		36	0	21.42	-0.28	21.14	<=30	Pass	
			18	21.45	-0.28	21.17	<=30	Pass	
			39	21.54	-0.28	21.26	<=30	Pass	
		75	0	21.48	-0.28	21.20	<=30	Pass	
		1745	1	0	22.57	-0.28	22.29	<=30	Pass
				38	22.69	-0.28	22.41	<=30	Pass
	74			22.58	-0.28	22.30	<=30	Pass	
	36		0	21.70	-0.28	21.42	<=30	Pass	
			18	21.68	-0.28	21.40	<=30	Pass	
			39	21.64	-0.28	21.36	<=30	Pass	
	75		0	21.67	-0.28	21.39	<=30	Pass	
	1772.5		1	0	22.52	-0.28	22.24	<=30	Pass

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16QAM	1717.5	36	38	22.51	-0.28	22.23	<=30	Pass	
			74	22.35	-0.28	22.07	<=30	Pass	
			0	21.59	-0.28	21.31	<=30	Pass	
		75	18	21.55	-0.28	21.27	<=30	Pass	
			39	21.44	-0.28	21.16	<=30	Pass	
	64QAM	1745	1	0	21.48	-0.28	21.20	<=30	Pass
				38	21.27	-0.28	20.99	<=30	Pass
				74	21.51	-0.28	21.23	<=30	Pass
			36	0	20.38	-0.28	20.10	<=30	Pass
				18	20.41	-0.28	20.13	<=30	Pass
		39		20.48	-0.28	20.20	<=30	Pass	
		1772.5	75	0	20.44	-0.28	20.16	<=30	Pass
			1	0	21.50	-0.28	21.22	<=30	Pass
				38	21.59	-0.28	21.31	<=30	Pass
		74		21.51	-0.28	21.23	<=30	Pass	
1745		36	0	20.67	-0.28	20.39	<=30	Pass	
			18	20.64	-0.28	20.36	<=30	Pass	
			39	20.59	-0.28	20.31	<=30	Pass	
1772.5		75	0	20.71	-0.28	20.43	<=30	Pass	
		1	0	21.47	-0.28	21.19	<=30	Pass	
	38		21.51	-0.28	21.23	<=30	Pass		
36	74		21.29	-0.28	21.01	<=30	Pass		
	0	20.55	-0.28	20.27	<=30	Pass			
	18	20.55	-0.28	20.27	<=30	Pass			
1717.5	1	39	20.39	-0.28	20.11	<=30	Pass		
		75	0	20.51	-0.28	20.23	<=30	Pass	
		0	20.01	-0.28	19.73	<=30	Pass		
64QAM	1745	36	38	20.17	-0.28	19.89	<=30	Pass	
			74	20.13	-0.28	19.85	<=30	Pass	
			0	19.44	-0.28	19.16	<=30	Pass	
		75	18	19.49	-0.28	19.21	<=30	Pass	
			39	19.56	-0.28	19.28	<=30	Pass	
	0		19.49	-0.28	19.21	<=30	Pass		
	1772.5	1	0	20.42	-0.28	20.14	<=30	Pass	
			38	20.58	-0.28	20.30	<=30	Pass	
			74	20.44	-0.28	20.16	<=30	Pass	
	1745	36	0	19.71	-0.28	19.43	<=30	Pass	
			18	19.68	-0.28	19.40	<=30	Pass	
			39	19.63	-0.28	19.35	<=30	Pass	
	1772.5	75	0	19.75	-0.28	19.47	<=30	Pass	
		1	0	20.50	-0.28	20.22	<=30	Pass	
			38	20.51	-0.28	20.23	<=30	Pass	
36	74		20.31	-0.28	20.03	<=30	Pass		
	0	19.59	-0.28	19.31	<=30	Pass			
	18	19.59	-0.28	19.31	<=30	Pass			
1717.5	1	39	19.41	-0.28	19.13	<=30	Pass		
		75	0	19.52	-0.28	19.24	<=30	Pass	
		0	19.52	-0.28	19.24	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B66_20MHz_EIRP



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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	22.12	-0.28	21.84	<=30	Pass	
			50	22.51	-0.28	22.23	<=30	Pass	
			99	22.26	-0.28	21.98	<=30	Pass	
		50	0	21.41	-0.28	21.13	<=30	Pass	
			25	21.46	-0.28	21.18	<=30	Pass	
			50	21.67	-0.28	21.39	<=30	Pass	
	1745	1	0	22.36	-0.28	22.08	<=30	Pass	
			50	22.72	-0.28	22.44	<=30	Pass	
			99	22.37	-0.28	22.09	<=30	Pass	
		50	0	21.75	-0.28	21.47	<=30	Pass	
			25	21.66	-0.28	21.38	<=30	Pass	
			50	21.60	-0.28	21.32	<=30	Pass	
	1770	1	0	21.67	-0.28	21.39	<=30	Pass	
			50	21.58	-0.28	21.30	<=30	Pass	
			99	0	22.39	-0.28	22.11	<=30	Pass
		50	0	22.59	-0.28	22.31	<=30	Pass	
			50	22.16	-0.28	21.88	<=30	Pass	
			99	0	21.58	-0.28	21.30	<=30	Pass
	16QAM	1720	1	0	21.56	-0.28	21.28	<=30	Pass
				50	21.97	-0.28	21.69	<=30	Pass
				99	21.73	-0.28	21.45	<=30	Pass
			50	0	20.41	-0.28	20.13	<=30	Pass
				25	20.46	-0.28	20.18	<=30	Pass
				50	20.68	-0.28	20.40	<=30	Pass
1745		1	0	20.57	-0.28	20.29	<=30	Pass	
			50	21.21	-0.28	20.93	<=30	Pass	
			99	21.60	-0.28	21.32	<=30	Pass	
		50	0	21.21	-0.28	20.93	<=30	Pass	
			25	20.76	-0.28	20.48	<=30	Pass	
			50	20.68	-0.28	20.40	<=30	Pass	
1770		1	0	20.55	-0.28	20.27	<=30	Pass	
			50	20.76	-0.28	20.48	<=30	Pass	
			99	0	21.46	-0.28	21.18	<=30	Pass
		50	0	21.62	-0.28	21.34	<=30	Pass	
			50	21.16	-0.28	20.88	<=30	Pass	
			99	0	20.61	-0.28	20.33	<=30	Pass
64QAM		1720	1	0	20.50	-0.28	20.22	<=30	Pass
				50	20.00	-0.28	19.72	<=30	Pass
				99	20.48	-0.28	20.20	<=30	Pass
			50	0	20.20	-0.28	19.92	<=30	Pass
				25	19.43	-0.28	19.15	<=30	Pass
				50	19.42	-0.28	19.14	<=30	Pass
	1720	1	0	19.64	-0.28	19.36	<=30	Pass	
			50	19.57	-0.28	19.29	<=30	Pass	
			99	0	20.00	-0.28	19.72	<=30	Pass

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	1745	1	0	20.13	-0.28	19.85	<=30	Pass
			50	20.49	-0.28	20.21	<=30	Pass
			99	20.30	-0.28	20.02	<=30	Pass
		50	0	19.83	-0.28	19.55	<=30	Pass
			25	19.83	-0.28	19.55	<=30	Pass
			50	19.65	-0.28	19.37	<=30	Pass
	100	0	19.77	-0.28	19.49	<=30	Pass	
	1770	1	0	20.25	-0.28	19.97	<=30	Pass
			50	20.45	-0.28	20.17	<=30	Pass
			99	20.03	-0.28	19.75	<=30	Pass
		50	0	19.71	-0.28	19.43	<=30	Pass
			25	19.63	-0.28	19.35	<=30	Pass
			50	19.44	-0.28	19.16	<=30	Pass
		100	0	19.59	-0.28	19.31	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	3.46	-6.795	-0.0040	-2.5 to 2.5	Pass	
					3.8	-7.782	-0.0045	-2.5 to 2.5	Pass	
					4.35	-7.224	-0.0042	-2.5 to 2.5	Pass	
				-30	3.8	-5.436	-0.0032	-2.5 to 2.5	Pass	
					-20	3.8	-5.293	-0.0031	-2.5 to 2.5	Pass
						3.8	-4.334	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-11.802	-0.0069	-2.5 to 2.5	Pass	
					3.8	-2.432	-0.0014	-2.5 to 2.5	Pass	
				30	3.8	-7.668	-0.0045	-2.5 to 2.5	Pass	
					3.8	-6.123	-0.0036	-2.5 to 2.5	Pass	
				50	3.8	-11.787	-0.0069	-2.5 to 2.5	Pass	
				1745	6	0	20	3.46	-3.448	-0.0020
	3.8	-5.264	-0.0030					-2.5 to 2.5	Pass	
	4.35	0.386	0.0002					-2.5 to 2.5	Pass	
	-30	3.8	-0.157				-0.0001	-2.5 to 2.5	Pass	
		-20	3.8				-4.206	-0.0024	-2.5 to 2.5	Pass
			3.8				-6.280	-0.0036	-2.5 to 2.5	Pass
	0	3.8	2.747				0.0016	-2.5 to 2.5	Pass	
		3.8	-0.916				-0.0005	-2.5 to 2.5	Pass	
	30	3.8	1.502				0.0009	-2.5 to 2.5	Pass	
		3.8	-9.971				-0.0057	-2.5 to 2.5	Pass	
	50	3.8	-2.789				-0.0016	-2.5 to 2.5	Pass	
	1779.3	6	0				20	3.46	-11.659	-0.0066
				3.8	-4.449	-0.0025		-2.5 to 2.5	Pass	
4.35				-6.666	-0.0037	-2.5 to 2.5		Pass		
-30				3.8	0.358	0.0002	-2.5 to 2.5	Pass		



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				-20	3.8	0.157	0.0001	-2.5 to 2.5	Pass	
				-10	3.8	1.502	0.0008	-2.5 to 2.5	Pass	
				0	3.8	0.529	0.0003	-2.5 to 2.5	Pass	
				10	3.8	-13.089	-0.0074	-2.5 to 2.5	Pass	
				30	3.8	-6.423	-0.0036	-2.5 to 2.5	Pass	
				40	3.8	-0.644	-0.0004	-2.5 to 2.5	Pass	
				50	3.8	-13.547	-0.0076	-2.5 to 2.5	Pass	
16QAM	1710.7	6	0	20	3.46	-5.808	-0.0034	-2.5 to 2.5	Pass	
					3.8	-5.221	-0.0031	-2.5 to 2.5	Pass	
					4.35	-12.016	-0.0070	-2.5 to 2.5	Pass	
				-30	3.8	-4.978	-0.0029	-2.5 to 2.5	Pass	
				-20	3.8	-8.326	-0.0049	-2.5 to 2.5	Pass	
				-10	3.8	-4.892	-0.0029	-2.5 to 2.5	Pass	
		0	3.8	-1.574	-0.0009	-2.5 to 2.5	Pass			
		10	3.8	-10.729	-0.0063	-2.5 to 2.5	Pass			
		30	3.8	-7.925	-0.0046	-2.5 to 2.5	Pass			
		40	3.8	-7.868	-0.0046	-2.5 to 2.5	Pass			
		50	3.8	-9.255	-0.0054	-2.5 to 2.5	Pass			
		1745	6	0	20	3.46	-5.593	-0.0032	-2.5 to 2.5	Pass
	3.8					-5.794	-0.0033	-2.5 to 2.5	Pass	
	4.35					-6.824	-0.0039	-2.5 to 2.5	Pass	
	-30				3.8	-4.864	-0.0028	-2.5 to 2.5	Pass	
	-20				3.8	-5.922	-0.0034	-2.5 to 2.5	Pass	
	-10				3.8	0.744	0.0004	-2.5 to 2.5	Pass	
	0		3.8	-12.689	-0.0073	-2.5 to 2.5	Pass			
	10		3.8	-7.668	-0.0044	-2.5 to 2.5	Pass			
	30		3.8	-0.672	-0.0004	-2.5 to 2.5	Pass			
	40		3.8	-1.159	-0.0007	-2.5 to 2.5	Pass			
	50		3.8	-2.146	-0.0012	-2.5 to 2.5	Pass			
	16QAM		1779.3	6	0	20	3.46	-4.435	-0.0025	-2.5 to 2.5
		3.8					1.688	0.0009	-2.5 to 2.5	Pass
4.35		-8.626					-0.0048	-2.5 to 2.5	Pass	
-30		3.8				2.546	0.0014	-2.5 to 2.5	Pass	
-20		3.8				-5.035	-0.0028	-2.5 to 2.5	Pass	
-10		3.8				-2.675	-0.0015	-2.5 to 2.5	Pass	
0		3.8		-10.371	-0.0058	-2.5 to 2.5	Pass			
10		3.8		-3.362	-0.0019	-2.5 to 2.5	Pass			
30		3.8		-12.131	-0.0068	-2.5 to 2.5	Pass			
40		3.8		-8.297	-0.0047	-2.5 to 2.5	Pass			
50		3.8		-8.826	-0.0050	-2.5 to 2.5	Pass			
64QAM		1710.7		6	0	20	3.46	0.114	0.0001	-2.5 to 2.5
			3.8				-3.605	-0.0021	-2.5 to 2.5	Pass
			4.35				1.559	0.0009	-2.5 to 2.5	Pass
			-30			3.8	-8.855	-0.0052	-2.5 to 2.5	Pass
			-20			3.8	-4.349	-0.0025	-2.5 to 2.5	Pass
			-10			3.8	-2.933	-0.0017	-2.5 to 2.5	Pass
			0	3.8	-7.267	-0.0042	-2.5 to 2.5	Pass		
			10	3.8	-0.873	-0.0005	-2.5 to 2.5	Pass		
			30	3.8	-1.860	-0.0011	-2.5 to 2.5	Pass		
			40	3.8	-3.304	-0.0019	-2.5 to 2.5	Pass		
			50	3.8	-6.924	-0.0040	-2.5 to 2.5	Pass		
			64QAM	1745	6	0	20	3.46	1.287	0.0007
3.8		-1.674						-0.0010	-2.5 to 2.5	Pass
4.35	-3.734	-0.0021						-2.5 to 2.5	Pass	

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				-30	3.8	-7.982	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	-6.437	-0.0037	-2.5 to 2.5	Pass
				-10	3.8	-8.311	-0.0048	-2.5 to 2.5	Pass
				0	3.8	-8.011	-0.0046	-2.5 to 2.5	Pass
				10	3.8	-6.008	-0.0034	-2.5 to 2.5	Pass
				30	3.8	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.8	-3.347	-0.0019	-2.5 to 2.5	Pass
				50	3.8	-7.682	-0.0044	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.46	3.405	0.0019	-2.5 to 2.5	Pass
					3.8	-6.266	-0.0035	-2.5 to 2.5	Pass
					4.35	-3.748	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-9.556	-0.0054	-2.5 to 2.5	Pass
				-20	3.8	-3.061	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-5.751	-0.0032	-2.5 to 2.5	Pass
				10	3.8	-6.609	-0.0037	-2.5 to 2.5	Pass
				30	3.8	-3.505	-0.0020	-2.5 to 2.5	Pass
				40	3.8	-5.980	-0.0034	-2.5 to 2.5	Pass
				50	3.8	-0.043	0.0000	-2.5 to 2.5	Pass

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	3.46	-6.638	-0.0039	-2.5 to 2.5	Pass
					3.8	-7.410	-0.0043	-2.5 to 2.5	Pass
					4.35	0.386	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-10.257	-0.0060	-2.5 to 2.5	Pass
				-20	3.8	-10.443	-0.0061	-2.5 to 2.5	Pass
				-10	3.8	-8.569	-0.0050	-2.5 to 2.5	Pass
				0	3.8	-3.333	-0.0019	-2.5 to 2.5	Pass
				10	3.8	-1.888	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.8	-3.963	-0.0023	-2.5 to 2.5	Pass
	50	3.8	-3.619	-0.0021	-2.5 to 2.5	Pass			
	1745	15	0	20	3.46	1.702	0.0010	-2.5 to 2.5	Pass
					3.8	-6.981	-0.0040	-2.5 to 2.5	Pass
					4.35	-0.844	-0.0005	-2.5 to 2.5	Pass
				-30	3.8	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.8	2.260	0.0013	-2.5 to 2.5	Pass
				-10	3.8	-5.221	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.8	-6.495	-0.0037	-2.5 to 2.5	Pass
				30	3.8	-1.030	-0.0006	-2.5 to 2.5	Pass
40				3.8	-2.146	-0.0012	-2.5 to 2.5	Pass	
50	3.8	-2.217	-0.0013	-2.5 to 2.5	Pass				
1778.5	15	0	20	3.46	-11.244	-0.0063	-2.5 to 2.5	Pass	
				3.8	-15.922	-0.0090	-2.5 to 2.5	Pass	
				4.35	-11.802	-0.0066	-2.5 to 2.5	Pass	

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				-30	3.8	-6.466	-0.0036	-2.5 to 2.5	Pass			
				-20	3.8	-12.302	-0.0069	-2.5 to 2.5	Pass			
				-10	3.8	-8.497	-0.0048	-2.5 to 2.5	Pass			
				0	3.8	-6.752	-0.0038	-2.5 to 2.5	Pass			
				10	3.8	-11.230	-0.0063	-2.5 to 2.5	Pass			
				30	3.8	-9.112	-0.0051	-2.5 to 2.5	Pass			
				40	3.8	-2.975	-0.0017	-2.5 to 2.5	Pass			
				50	3.8	-13.218	-0.0074	-2.5 to 2.5	Pass			
16QAM	1711.5	15	0	20	3.46	-6.309	-0.0037	-2.5 to 2.5	Pass			
					3.8	-4.907	-0.0029	-2.5 to 2.5	Pass			
					4.35	-3.219	-0.0019	-2.5 to 2.5	Pass			
				-30	3.8	-7.997	-0.0047	-2.5 to 2.5	Pass			
					-20	3.8	-6.495	-0.0038	-2.5 to 2.5	Pass		
						-10	3.8	-7.038	-0.0041	-2.5 to 2.5	Pass	
				0			3.8	-5.722	-0.0033	-2.5 to 2.5	Pass	
					10		3.8	-4.463	-0.0026	-2.5 to 2.5	Pass	
						30	3.8	-4.578	-0.0027	-2.5 to 2.5	Pass	
				40			3.8	2.804	0.0016	-2.5 to 2.5	Pass	
					50		3.8	-4.606	-0.0027	-2.5 to 2.5	Pass	
						20	3.46	-4.435	-0.0025	-2.5 to 2.5	Pass	
	3.8	-5.307	-0.0030	-2.5 to 2.5			Pass					
	4.35	-6.423	-0.0037	-2.5 to 2.5	Pass							
	1745	15	0	-30	3.8	0.572	0.0003	-2.5 to 2.5	Pass			
					-20	3.8	-1.988	-0.0011	-2.5 to 2.5	Pass		
						-10	3.8	-10.028	-0.0057	-2.5 to 2.5	Pass	
				0			3.8	-2.818	-0.0016	-2.5 to 2.5	Pass	
					10		3.8	0.029	0.0000	-2.5 to 2.5	Pass	
						30	3.8	-7.753	-0.0044	-2.5 to 2.5	Pass	
				40			3.8	-4.764	-0.0027	-2.5 to 2.5	Pass	
					50		3.8	3.419	0.0020	-2.5 to 2.5	Pass	
						20	3.46	-6.752	-0.0038	-2.5 to 2.5	Pass	
				3.8			-9.384	-0.0053	-2.5 to 2.5	Pass		
4.35				-6.723	-0.0038		-2.5 to 2.5	Pass				
1778.5				15	0	-30	3.8	-9.127	-0.0051	-2.5 to 2.5	Pass	
	-20	3.8	-3.147				-0.0018	-2.5 to 2.5	Pass			
		-10	3.8				-10.457	-0.0059	-2.5 to 2.5	Pass		
			0			3.8	-8.783	-0.0049	-2.5 to 2.5	Pass		
	10					3.8	-1.016	-0.0006	-2.5 to 2.5	Pass		
		30				3.8	-13.905	-0.0078	-2.5 to 2.5	Pass		
			40			3.8	-10.242	-0.0058	-2.5 to 2.5	Pass		
	50					3.8	-3.748	-0.0021	-2.5 to 2.5	Pass		
		20				3.46	-5.479	-0.0032	-2.5 to 2.5	Pass		
			3.8			-1.745	-0.0010	-2.5 to 2.5	Pass			
	4.35		-1.144			-0.0007	-2.5 to 2.5	Pass				
	64QAM	1711.5	15			0	-30	3.8	-2.518	-0.0015	-2.5 to 2.5	Pass
-20				3.8	-6.094			-0.0036	-2.5 to 2.5	Pass		
				-10	3.8			-1.130	-0.0007	-2.5 to 2.5	Pass	
					0		3.8	-5.736	-0.0034	-2.5 to 2.5	Pass	
10							3.8	1.230	0.0007	-2.5 to 2.5	Pass	
				30			3.8	0.558	0.0003	-2.5 to 2.5	Pass	
					40		3.8	-2.875	-0.0017	-2.5 to 2.5	Pass	
50							3.8	-6.108	-0.0036	-2.5 to 2.5	Pass	
				20			3.46	-7.181	-0.0041	-2.5 to 2.5	Pass	
					3.8		-7.467	-0.0043	-2.5 to 2.5	Pass		
1745					15		0	20	3.46	-7.181	-0.0041	-2.5 to 2.5
				3.8					-7.467	-0.0043	-2.5 to 2.5	Pass

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				4.35	-0.215	-0.0001	-2.5 to 2.5	Pass				
				-30	3.8	-0.186	-0.0001	-2.5 to 2.5	Pass			
				-20	3.8	-7.052	-0.0040	-2.5 to 2.5	Pass			
				-10	3.8	-10.328	-0.0059	-2.5 to 2.5	Pass			
				0	3.8	-1.688	-0.0010	-2.5 to 2.5	Pass			
				10	3.8	-3.548	-0.0020	-2.5 to 2.5	Pass			
				30	3.8	1.702	0.0010	-2.5 to 2.5	Pass			
				40	3.8	2.360	0.0014	-2.5 to 2.5	Pass			
				50	3.8	-3.147	-0.0018	-2.5 to 2.5	Pass			
				1778.5	15	0	20	3.46	-5.593	-0.0031	-2.5 to 2.5	Pass
								3.8	-11.888	-0.0067	-2.5 to 2.5	Pass
								4.35	-2.089	-0.0012	-2.5 to 2.5	Pass
							-30	3.8	-9.499	-0.0053	-2.5 to 2.5	Pass
							-20	3.8	-2.561	-0.0014	-2.5 to 2.5	Pass
							-10	3.8	-1.602	-0.0009	-2.5 to 2.5	Pass
0	3.8	-5.164	-0.0029				-2.5 to 2.5	Pass				
10	3.8	-4.377	-0.0025				-2.5 to 2.5	Pass				
30	3.8	-11.845	-0.0067				-2.5 to 2.5	Pass				
40	3.8	-13.990	-0.0079				-2.5 to 2.5	Pass				
50	3.8	-11.230	-0.0063	-2.5 to 2.5	Pass							

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	3.46	3.719	0.0022	-2.5 to 2.5	Pass
					3.8	-4.277	-0.0025	-2.5 to 2.5	Pass
					4.35	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-7.267	-0.0042	-2.5 to 2.5	Pass
				-20	3.8	-6.723	-0.0039	-2.5 to 2.5	Pass
				-10	3.8	-5.393	-0.0031	-2.5 to 2.5	Pass
				0	3.8	1.488	0.0009	-2.5 to 2.5	Pass
				10	3.8	-6.166	-0.0036	-2.5 to 2.5	Pass
				30	3.8	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	3.8	-0.930	-0.0005	-2.5 to 2.5	Pass
	50	3.8	-4.821	-0.0028	-2.5 to 2.5	Pass			
	1745	25	0	20	3.46	-4.992	-0.0029	-2.5 to 2.5	Pass
					3.8	-11.086	-0.0064	-2.5 to 2.5	Pass
					4.35	-8.855	-0.0051	-2.5 to 2.5	Pass
				-30	3.8	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.8	2.131	0.0012	-2.5 to 2.5	Pass
				-10	3.8	-6.738	-0.0039	-2.5 to 2.5	Pass
				0	3.8	-3.548	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-3.204	-0.0018	-2.5 to 2.5	Pass
				30	3.8	-2.117	-0.0012	-2.5 to 2.5	Pass
40				3.8	-7.510	-0.0043	-2.5 to 2.5	Pass	
50	3.8	-9.456	-0.0054	-2.5 to 2.5	Pass				
1777.5	25	0	20	3.46	-2.017	-0.0011	-2.5 to 2.5	Pass	
				3.8	-11.344	-0.0064	-2.5 to 2.5	Pass	

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					4.35	-11.301	-0.0064	-2.5 to 2.5	Pass
				-30	3.8	-7.010	-0.0039	-2.5 to 2.5	Pass
				-20	3.8	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	-3.347	-0.0019	-2.5 to 2.5	Pass
				0	3.8	-7.153	-0.0040	-2.5 to 2.5	Pass
				10	3.8	-9.069	-0.0051	-2.5 to 2.5	Pass
				30	3.8	-6.394	-0.0036	-2.5 to 2.5	Pass
				40	3.8	-11.072	-0.0062	-2.5 to 2.5	Pass
				50	3.8	-9.127	-0.0051	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.46	-0.930	-0.0005	-2.5 to 2.5	Pass
					3.8	-7.524	-0.0044	-2.5 to 2.5	Pass
					4.35	-5.622	-0.0033	-2.5 to 2.5	Pass
				-30	3.8	-3.490	-0.0020	-2.5 to 2.5	Pass
				-20	3.8	-4.406	-0.0026	-2.5 to 2.5	Pass
				-10	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.8	-7.739	-0.0045	-2.5 to 2.5	Pass
				10	3.8	3.290	0.0019	-2.5 to 2.5	Pass
				30	3.8	-7.296	-0.0043	-2.5 to 2.5	Pass
				40	3.8	-4.406	-0.0026	-2.5 to 2.5	Pass
				50	3.8	-4.692	-0.0027	-2.5 to 2.5	Pass
				1745	25	0	20	3.46	-3.576
	3.8	-1.945	-0.0011					-2.5 to 2.5	Pass
	4.35	-4.320	-0.0025					-2.5 to 2.5	Pass
	-30	3.8	-2.918				-0.0017	-2.5 to 2.5	Pass
	-20	3.8	-10.257				-0.0059	-2.5 to 2.5	Pass
	-10	3.8	-10.600				-0.0061	-2.5 to 2.5	Pass
	0	3.8	-8.054				-0.0046	-2.5 to 2.5	Pass
	10	3.8	-5.622				-0.0032	-2.5 to 2.5	Pass
	30	3.8	-2.689				-0.0015	-2.5 to 2.5	Pass
	40	3.8	-1.488				-0.0009	-2.5 to 2.5	Pass
	50	3.8	-4.764				-0.0027	-2.5 to 2.5	Pass
	1777.5	25	0				20	3.46	-4.749
				3.8	-5.420	-0.0025		-2.5 to 2.5	Pass
4.35				-5.422	-0.0031	-2.5 to 2.5		Pass	
-30				3.8	-11.015	-0.0062	-2.5 to 2.5	Pass	
-20				3.8	-6.280	-0.0035	-2.5 to 2.5	Pass	
-10				3.8	-1.788	-0.0010	-2.5 to 2.5	Pass	
0				3.8	-11.516	-0.0065	-2.5 to 2.5	Pass	
10				3.8	-10.514	-0.0059	-2.5 to 2.5	Pass	
30				3.8	-9.141	-0.0051	-2.5 to 2.5	Pass	
40				3.8	-5.608	-0.0032	-2.5 to 2.5	Pass	
50				3.8	-9.284	-0.0052	-2.5 to 2.5	Pass	
64QAM				1712.5	25	0	20	3.46	-4.349
	3.8	-6.881	-0.0040					-2.5 to 2.5	Pass
	4.35	2.661	0.0016					-2.5 to 2.5	Pass
	-30	3.8	0.458				0.0003	-2.5 to 2.5	Pass
	-20	3.8	-1.373				-0.0008	-2.5 to 2.5	Pass
	-10	3.8	-1.974				-0.0012	-2.5 to 2.5	Pass
	0	3.8	-2.775				-0.0016	-2.5 to 2.5	Pass
	10	3.8	1.674				0.0010	-2.5 to 2.5	Pass
	30	3.8	-4.020				-0.0023	-2.5 to 2.5	Pass
	40	3.8	-3.691				-0.0022	-2.5 to 2.5	Pass
	50	3.8	-2.346				-0.0014	-2.5 to 2.5	Pass
	1745	25	0				20	3.46	-10.371

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					3.8	-10.343	-0.0059	-2.5 to 2.5	Pass	
					4.35	-6.208	-0.0036	-2.5 to 2.5	Pass	
				-30	3.8	-4.463	-0.0026	-2.5 to 2.5	Pass	
				-20	3.8	-0.458	-0.0003	-2.5 to 2.5	Pass	
				-10	3.8	-0.529	-0.0003	-2.5 to 2.5	Pass	
				0	3.8	-0.715	-0.0004	-2.5 to 2.5	Pass	
				10	3.8	-10.772	-0.0062	-2.5 to 2.5	Pass	
				30	3.8	-9.770	-0.0056	-2.5 to 2.5	Pass	
				40	3.8	-8.798	-0.0050	-2.5 to 2.5	Pass	
	50	3.8	-7.768	-0.0045	-2.5 to 2.5	Pass				
	1777.5	25	0			3.46	-6.509	-0.0037	-2.5 to 2.5	Pass
						3.8	-6.309	-0.0035	-2.5 to 2.5	Pass
						4.35	-7.639	-0.0043	-2.5 to 2.5	Pass
					-30	3.8	-0.443	-0.0002	-2.5 to 2.5	Pass
					-20	3.8	-3.376	-0.0019	-2.5 to 2.5	Pass
					-10	3.8	-11.144	-0.0063	-2.5 to 2.5	Pass
					0	3.8	-7.582	-0.0043	-2.5 to 2.5	Pass
					10	3.8	-4.849	-0.0027	-2.5 to 2.5	Pass
30					3.8	-5.350	-0.0030	-2.5 to 2.5	Pass	
40	3.8	-5.007	-0.0028	-2.5 to 2.5	Pass					
50	3.8	-6.466	-0.0036	-2.5 to 2.5	Pass					

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	3.46	-5.150	-0.0030	-2.5 to 2.5	Pass	
					3.8	-0.744	-0.0004	-2.5 to 2.5	Pass	
					4.35	-3.233	-0.0019	-2.5 to 2.5	Pass	
					-30	3.8	-3.133	-0.0018	-2.5 to 2.5	Pass
					-20	3.8	-8.168	-0.0048	-2.5 to 2.5	Pass
					-10	3.8	-5.879	-0.0034	-2.5 to 2.5	Pass
					0	3.8	-1.788	-0.0010	-2.5 to 2.5	Pass
					10	3.8	-5.035	-0.0029	-2.5 to 2.5	Pass
					30	3.8	-11.086	-0.0065	-2.5 to 2.5	Pass
	40	3.8	-7.439	-0.0043	-2.5 to 2.5	Pass				
	50	3.8	-1.645	-0.0010	-2.5 to 2.5	Pass				
	1745	50	0	20	3.46	-5.236	-0.0030	-2.5 to 2.5	Pass	
					3.8	-3.762	-0.0022	-2.5 to 2.5	Pass	
					4.35	-0.715	-0.0004	-2.5 to 2.5	Pass	
					-30	3.8	-6.695	-0.0038	-2.5 to 2.5	Pass
					-20	3.8	-5.894	-0.0034	-2.5 to 2.5	Pass
					-10	3.8	-3.490	-0.0020	-2.5 to 2.5	Pass
					0	3.8	-2.489	-0.0014	-2.5 to 2.5	Pass
10					3.8	-2.246	-0.0013	-2.5 to 2.5	Pass	
30					3.8	-5.579	-0.0032	-2.5 to 2.5	Pass	
40	3.8	-6.924	-0.0040	-2.5 to 2.5	Pass					
50	3.8	-4.478	-0.0026	-2.5 to 2.5	Pass					
1775	50	0	20	3.46	-9.341	-0.0053	-2.5 to 2.5	Pass		



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					3.8	-4.878	-0.0027	-2.5 to 2.5	Pass	
					4.35	-5.178	-0.0029	-2.5 to 2.5	Pass	
				-30	3.8	-3.319	-0.0019	-2.5 to 2.5	Pass	
				-20	3.8	-5.593	-0.0032	-2.5 to 2.5	Pass	
				-10	3.8	-3.276	-0.0018	-2.5 to 2.5	Pass	
				0	3.8	-2.589	-0.0015	-2.5 to 2.5	Pass	
				10	3.8	-4.749	-0.0027	-2.5 to 2.5	Pass	
				30	3.8	-3.562	-0.0020	-2.5 to 2.5	Pass	
				40	3.8	-1.688	-0.0010	-2.5 to 2.5	Pass	
				50	3.8	-9.198	-0.0052	-2.5 to 2.5	Pass	
16QAM	1715	50	0	20	3.46	-9.141	-0.0053	-2.5 to 2.5	Pass	
					3.8	-6.881	-0.0040	-2.5 to 2.5	Pass	
					4.35	-5.565	-0.0032	-2.5 to 2.5	Pass	
				-30	3.8	-4.177	-0.0024	-2.5 to 2.5	Pass	
					-20	3.8	-9.770	-0.0057	-2.5 to 2.5	Pass
						3.8	-5.121	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-4.950	-0.0029	-2.5 to 2.5	Pass	
					3.8	-8.411	-0.0049	-2.5 to 2.5	Pass	
				30	3.8	-10.929	-0.0064	-2.5 to 2.5	Pass	
					3.8	-5.493	-0.0032	-2.5 to 2.5	Pass	
				40	3.8	-6.852	-0.0040	-2.5 to 2.5	Pass	
					3.46	-3.133	-0.0018	-2.5 to 2.5	Pass	
	1745	50	0	20	3.8	-2.046	-0.0012	-2.5 to 2.5	Pass	
					4.35	-3.262	-0.0019	-2.5 to 2.5	Pass	
					-30	3.8	-0.358	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	-8.597	-0.0049	-2.5 to 2.5	Pass	
					-10	3.8	2.375	0.0014	-2.5 to 2.5	Pass
				0	3.8	-2.303	-0.0013	-2.5 to 2.5	Pass	
					3.8	-4.306	-0.0025	-2.5 to 2.5	Pass	
				30	3.8	-7.010	-0.0040	-2.5 to 2.5	Pass	
					3.8	0.257	0.0001	-2.5 to 2.5	Pass	
				40	3.8	-3.104	-0.0018	-2.5 to 2.5	Pass	
					3.46	-6.051	-0.0034	-2.5 to 2.5	Pass	
				1775	50	0	20	3.8	-6.766	-0.0038
4.35	-6.208	-0.0035	-2.5 to 2.5					Pass		
-30	3.8	-6.781	-0.0038					-2.5 to 2.5	Pass	
-20	3.8	-5.908	-0.0033				-2.5 to 2.5	Pass		
	-10	3.8	-5.178				-0.0029	-2.5 to 2.5	Pass	
0	3.8	-6.680	-0.0038				-2.5 to 2.5	Pass		
	3.8	-0.830	-0.0005				-2.5 to 2.5	Pass		
30	3.8	-10.271	-0.0058				-2.5 to 2.5	Pass		
	3.8	-8.368	-0.0047				-2.5 to 2.5	Pass		
40	3.8	-5.193	-0.0029				-2.5 to 2.5	Pass		
	3.46	-3.705	-0.0022				-2.5 to 2.5	Pass		
64QAM	1715	50	0				20	3.8	-5.751	-0.0034
				4.35	-3.934	-0.0023		-2.5 to 2.5	Pass	
				-30	3.8	-6.351		-0.0037	-2.5 to 2.5	Pass
				-20	3.8	-7.753	-0.0045	-2.5 to 2.5	Pass	
					-10	3.8	-7.124	-0.0042	-2.5 to 2.5	Pass
				0	3.8	-5.393	-0.0031	-2.5 to 2.5	Pass	
					3.8	-4.320	-0.0025	-2.5 to 2.5	Pass	
				30	3.8	-7.668	-0.0045	-2.5 to 2.5	Pass	
					3.8	-3.276	-0.0019	-2.5 to 2.5	Pass	
				40	3.8	-2.131	-0.0012	-2.5 to 2.5	Pass	

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	1745	50	0	20	3.46	-1.659	-0.0010	-2.5 to 2.5	Pass
					3.8	-3.233	-0.0019	-2.5 to 2.5	Pass
					4.35	-5.236	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	-5.565	-0.0032	-2.5 to 2.5	Pass
				-20	3.8	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-3.662	-0.0021	-2.5 to 2.5	Pass
				0	3.8	-5.050	-0.0029	-2.5 to 2.5	Pass
				10	3.8	-9.255	-0.0053	-2.5 to 2.5	Pass
				30	3.8	-6.108	-0.0035	-2.5 to 2.5	Pass
	40	3.8	-1.717	-0.0010	-2.5 to 2.5	Pass			
	50	3.8	-2.661	-0.0015	-2.5 to 2.5	Pass			
	1775	50	0	20	3.46	-8.655	-0.0049	-2.5 to 2.5	Pass
					3.8	-5.865	-0.0033	-2.5 to 2.5	Pass
					4.35	-9.098	-0.0051	-2.5 to 2.5	Pass
				-30	3.8	-10.829	-0.0061	-2.5 to 2.5	Pass
				-20	3.8	-6.866	-0.0039	-2.5 to 2.5	Pass
				-10	3.8	-9.856	-0.0056	-2.5 to 2.5	Pass
				0	3.8	-7.310	-0.0041	-2.5 to 2.5	Pass
10				3.8	-5.565	-0.0031	-2.5 to 2.5	Pass	
30				3.8	-5.178	-0.0029	-2.5 to 2.5	Pass	
40	3.8	-6.323	-0.0036	-2.5 to 2.5	Pass				
50	3.8	-0.486	-0.0003	-2.5 to 2.5	Pass				

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	3.46	-3.304	-0.0019	-2.5 to 2.5	Pass
					3.8	-2.089	-0.0012	-2.5 to 2.5	Pass
					4.35	-6.280	-0.0037	-2.5 to 2.5	Pass
				-30	3.8	-4.320	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	-6.266	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	-7.753	-0.0045	-2.5 to 2.5	Pass
				0	3.8	-6.337	-0.0037	-2.5 to 2.5	Pass
				10	3.8	-4.721	-0.0027	-2.5 to 2.5	Pass
				30	3.8	-6.380	-0.0037	-2.5 to 2.5	Pass
	40	3.8	-3.734	-0.0022	-2.5 to 2.5	Pass			
	50	3.8	-2.904	-0.0017	-2.5 to 2.5	Pass			
	1745	75	0	20	3.46	-2.460	-0.0014	-2.5 to 2.5	Pass
					3.8	-3.133	-0.0018	-2.5 to 2.5	Pass
					4.35	-6.366	-0.0036	-2.5 to 2.5	Pass
				-30	3.8	-5.450	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.8	-5.307	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-5.436	-0.0031	-2.5 to 2.5	Pass
10				3.8	2.003	0.0011	-2.5 to 2.5	Pass	
30				3.8	-3.777	-0.0022	-2.5 to 2.5	Pass	
40	3.8	-6.695	-0.0038	-2.5 to 2.5	Pass				
50	3.8	-4.234	-0.0024	-2.5 to 2.5	Pass				

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	1772.5	75	0	20	3.46	-1.473	-0.0008	-2.5 to 2.5	Pass
					3.8	-6.723	-0.0038	-2.5 to 2.5	Pass
					4.35	-9.570	-0.0054	-2.5 to 2.5	Pass
				-30	3.8	-2.203	-0.0012	-2.5 to 2.5	Pass
					-20	3.8	-7.882	-0.0044	-2.5 to 2.5
				-10	3.8	-4.320	-0.0024	-2.5 to 2.5	Pass
				0	3.8	-3.262	-0.0018	-2.5 to 2.5	Pass
				10	3.8	-7.954	-0.0045	-2.5 to 2.5	Pass
				30	3.8	-4.392	-0.0025	-2.5 to 2.5	Pass
				40	3.8	-2.861	-0.0016	-2.5 to 2.5	Pass
50	3.8	-5.035	-0.0028	-2.5 to 2.5	Pass				
16QAM	1717.5	75	0	20	3.46	-7.854	-0.0046	-2.5 to 2.5	Pass
					3.8	-4.592	-0.0027	-2.5 to 2.5	Pass
					4.35	-4.964	-0.0029	-2.5 to 2.5	Pass
				-30	3.8	-0.257	-0.0001	-2.5 to 2.5	Pass
					-20	3.8	-4.077	-0.0024	-2.5 to 2.5
				-10	3.8	-3.948	-0.0023	-2.5 to 2.5	Pass
				0	3.8	-5.765	-0.0034	-2.5 to 2.5	Pass
				10	3.8	-4.406	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-2.275	-0.0013	-2.5 to 2.5	Pass
	40	3.8	-5.007	-0.0029	-2.5 to 2.5	Pass			
	50	3.8	-6.652	-0.0039	-2.5 to 2.5	Pass			
	1745	75	0	20	3.46	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.35	-3.033	-0.0017	-2.5 to 2.5	Pass
				-30	3.8	-4.578	-0.0026	-2.5 to 2.5	Pass
					-20	3.8	-3.104	-0.0018	-2.5 to 2.5
				-10	3.8	-3.948	-0.0023	-2.5 to 2.5	Pass
				0	3.8	-2.031	-0.0012	-2.5 to 2.5	Pass
10				3.8	-2.074	-0.0012	-2.5 to 2.5	Pass	
30				3.8	-0.987	-0.0006	-2.5 to 2.5	Pass	
40	3.8	-1.187	-0.0007	-2.5 to 2.5	Pass				
50	3.8	-4.392	-0.0025	-2.5 to 2.5	Pass				
1772.5	75	0	20	3.46	-8.554	-0.0048	-2.5 to 2.5	Pass	
				3.8	-5.608	-0.0032	-2.5 to 2.5	Pass	
				4.35	-3.834	-0.0022	-2.5 to 2.5	Pass	
			-30	3.8	-4.950	-0.0028	-2.5 to 2.5	Pass	
				-20	3.8	-6.008	-0.0034	-2.5 to 2.5	Pass
			-10	3.8	-2.847	-0.0016	-2.5 to 2.5	Pass	
			0	3.8	-0.114	-0.0001	-2.5 to 2.5	Pass	
			10	3.8	-2.775	-0.0016	-2.5 to 2.5	Pass	
			30	3.8	-6.638	-0.0037	-2.5 to 2.5	Pass	
40	3.8	-1.945	-0.0011	-2.5 to 2.5	Pass				
50	3.8	-5.822	-0.0033	-2.5 to 2.5	Pass				
64QAM	1717.5	75	0	20	3.46	-5.107	-0.0030	-2.5 to 2.5	Pass
					3.8	-0.329	-0.0002	-2.5 to 2.5	Pass
					4.35	-5.736	-0.0033	-2.5 to 2.5	Pass
				-30	3.8	-3.247	-0.0019	-2.5 to 2.5	Pass
					-20	3.8	-7.939	-0.0046	-2.5 to 2.5
				-10	3.8	-3.848	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-5.150	-0.0030	-2.5 to 2.5	Pass
				10	3.8	-9.384	-0.0055	-2.5 to 2.5	Pass
				30	3.8	-2.375	-0.0014	-2.5 to 2.5	Pass
40	3.8	-3.119	-0.0018	-2.5 to 2.5	Pass				

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	1745	75	0	50	3.8	-5.951	-0.0035	-2.5 to 2.5	Pass
				20	3.46	-4.363	-0.0025	-2.5 to 2.5	Pass
					3.8	-6.251	-0.0036	-2.5 to 2.5	Pass
					4.35	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-6.566	-0.0038	-2.5 to 2.5	Pass
				-20	3.8	-5.522	-0.0032	-2.5 to 2.5	Pass
				-10	3.8	-2.732	-0.0016	-2.5 to 2.5	Pass
				0	3.8	-5.107	-0.0029	-2.5 to 2.5	Pass
				10	3.8	-5.264	-0.0030	-2.5 to 2.5	Pass
	30	3.8	-7.339	-0.0042	-2.5 to 2.5	Pass			
	40	3.8	-7.582	-0.0043	-2.5 to 2.5	Pass			
	50	3.8	-3.405	-0.0020	-2.5 to 2.5	Pass			
	1772.5	75	0	20	3.46	-4.592	-0.0026	-2.5 to 2.5	Pass
					3.8	-2.360	-0.0013	-2.5 to 2.5	Pass
					4.35	-4.692	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-3.047	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-5.050	-0.0028	-2.5 to 2.5	Pass
				-10	3.8	-9.742	-0.0055	-2.5 to 2.5	Pass
0				3.8	-3.834	-0.0022	-2.5 to 2.5	Pass	
10				3.8	-0.830	-0.0005	-2.5 to 2.5	Pass	
30				3.8	-6.552	-0.0037	-2.5 to 2.5	Pass	
40				3.8	-1.631	-0.0009	-2.5 to 2.5	Pass	
50	3.8	-4.635	-0.0026	-2.5 to 2.5	Pass				

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	3.46	-6.166	-0.0036	-2.5 to 2.5	Pass
					3.8	-8.669	-0.0050	-2.5 to 2.5	Pass
					4.35	-4.206	-0.0024	-2.5 to 2.5	Pass
				-30	3.8	-5.879	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	-6.666	-0.0039	-2.5 to 2.5	Pass
				-10	3.8	-4.964	-0.0029	-2.5 to 2.5	Pass
				0	3.8	-5.221	-0.0030	-2.5 to 2.5	Pass
				10	3.8	-7.997	-0.0046	-2.5 to 2.5	Pass
				30	3.8	-6.537	-0.0038	-2.5 to 2.5	Pass
	40	3.8	-6.251	-0.0036	-2.5 to 2.5	Pass			
	50	3.8	-5.679	-0.0033	-2.5 to 2.5	Pass			
	1745	100	0	20	3.46	-3.247	-0.0019	-2.5 to 2.5	Pass
					3.8	-3.119	-0.0018	-2.5 to 2.5	Pass
					4.35	-2.174	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-4.005	-0.0023	-2.5 to 2.5	Pass
				-20	3.8	-3.977	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-4.835	-0.0028	-2.5 to 2.5	Pass
				0	3.8	-1.731	-0.0010	-2.5 to 2.5	Pass
10				3.8	-1.760	-0.0010	-2.5 to 2.5	Pass	
30				3.8	-0.701	-0.0004	-2.5 to 2.5	Pass	
40	3.8	1.445	0.0008	-2.5 to 2.5	Pass				

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	1770	100	0	50	3.8	-3.948	-0.0023	-2.5 to 2.5	Pass
				20	3.46	-3.819	-0.0022	-2.5 to 2.5	Pass
					3.8	-3.977	-0.0022	-2.5 to 2.5	Pass
					4.35	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.8	-4.950	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	-2.446	-0.0014	-2.5 to 2.5	Pass
				-10	3.8	-4.578	-0.0026	-2.5 to 2.5	Pass
				0	3.8	2.046	0.0012	-2.5 to 2.5	Pass
				10	3.8	-6.180	-0.0035	-2.5 to 2.5	Pass
				30	3.8	-4.234	-0.0024	-2.5 to 2.5	Pass
40	3.8	-2.432	-0.0014	-2.5 to 2.5	Pass				
50	3.8	-0.401	-0.0002	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.46	-7.339	-0.0043	-2.5 to 2.5	Pass
					3.8	-12.116	-0.0070	-2.5 to 2.5	Pass
					4.35	-5.922	-0.0034	-2.5 to 2.5	Pass
				-30	3.8	-6.452	-0.0038	-2.5 to 2.5	Pass
				-20	3.8	-3.748	-0.0022	-2.5 to 2.5	Pass
				-10	3.8	-7.381	-0.0043	-2.5 to 2.5	Pass
				0	3.8	-5.693	-0.0033	-2.5 to 2.5	Pass
				10	3.8	-5.822	-0.0034	-2.5 to 2.5	Pass
				30	3.8	-3.676	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-5.651	-0.0033	-2.5 to 2.5	Pass
	50	3.8	-5.722	-0.0033	-2.5 to 2.5	Pass			
	1745	100	0	20	3.46	-6.080	-0.0035	-2.5 to 2.5	Pass
					3.8	-6.824	-0.0039	-2.5 to 2.5	Pass
					4.35	-2.518	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	-5.078	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.8	-2.775	-0.0016	-2.5 to 2.5	Pass
				10	3.8	-4.764	-0.0027	-2.5 to 2.5	Pass
				30	3.8	-1.402	-0.0008	-2.5 to 2.5	Pass
40				3.8	-5.450	-0.0031	-2.5 to 2.5	Pass	
50	3.8	-7.195	-0.0041	-2.5 to 2.5	Pass				
1770	100	0	20	3.46	-7.854	-0.0044	-2.5 to 2.5	Pass	
				3.8	0.615	0.0003	-2.5 to 2.5	Pass	
				4.35	0.515	0.0003	-2.5 to 2.5	Pass	
			-30	3.8	-3.033	-0.0017	-2.5 to 2.5	Pass	
			-20	3.8	-0.486	-0.0003	-2.5 to 2.5	Pass	
			-10	3.8	-4.506	-0.0025	-2.5 to 2.5	Pass	
			0	3.8	-5.164	-0.0029	-2.5 to 2.5	Pass	
			10	3.8	-2.117	-0.0012	-2.5 to 2.5	Pass	
			30	3.8	-0.858	-0.0005	-2.5 to 2.5	Pass	
			40	3.8	-3.004	-0.0017	-2.5 to 2.5	Pass	
50	3.8	-3.676	-0.0021	-2.5 to 2.5	Pass				
64QAM	1720	100	0	20	3.46	-6.680	-0.0039	-2.5 to 2.5	Pass
					3.8	-8.211	-0.0048	-2.5 to 2.5	Pass
					4.35	-5.064	-0.0029	-2.5 to 2.5	Pass
				-30	3.8	-2.275	-0.0013	-2.5 to 2.5	Pass
				-20	3.8	-5.493	-0.0032	-2.5 to 2.5	Pass
				-10	3.8	-5.193	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-3.977	-0.0023	-2.5 to 2.5	Pass
				10	3.8	-6.709	-0.0039	-2.5 to 2.5	Pass
30	3.8	-6.351	-0.0037	-2.5 to 2.5	Pass				

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	1745	100	0	40	3.8	-5.107	-0.0030	-2.5 to 2.5	Pass
				50	3.8	-6.552	-0.0038	-2.5 to 2.5	Pass
				20	3.46	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.8	-4.292	-0.0025	-2.5 to 2.5	Pass
					4.35	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-3.920	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	-5.765	-0.0033	-2.5 to 2.5	Pass
				-10	3.8	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.8	-1.116	-0.0006	-2.5 to 2.5	Pass
	10	3.8	-2.360	-0.0014	-2.5 to 2.5	Pass			
	30	3.8	-7.195	-0.0041	-2.5 to 2.5	Pass			
	40	3.8	-5.078	-0.0029	-2.5 to 2.5	Pass			
	50	3.8	-4.206	-0.0024	-2.5 to 2.5	Pass			
	1770	100	0	20	3.46	-1.988	-0.0011	-2.5 to 2.5	Pass
					3.8	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.35	-2.432	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	-6.495	-0.0037	-2.5 to 2.5	Pass
				-20	3.8	0.515	0.0003	-2.5 to 2.5	Pass
-10				3.8	1.173	0.0007	-2.5 to 2.5	Pass	
0				3.8	-1.144	-0.0006	-2.5 to 2.5	Pass	
10				3.8	-4.520	-0.0026	-2.5 to 2.5	Pass	
30				3.8	-5.665	-0.0032	-2.5 to 2.5	Pass	
40	3.8	4.020	0.0023	-2.5 to 2.5	Pass				
50	3.8	-3.319	-0.0019	-2.5 to 2.5	Pass				

3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass
64QAM	1745	6	0	Refer To Test Graph		Pass

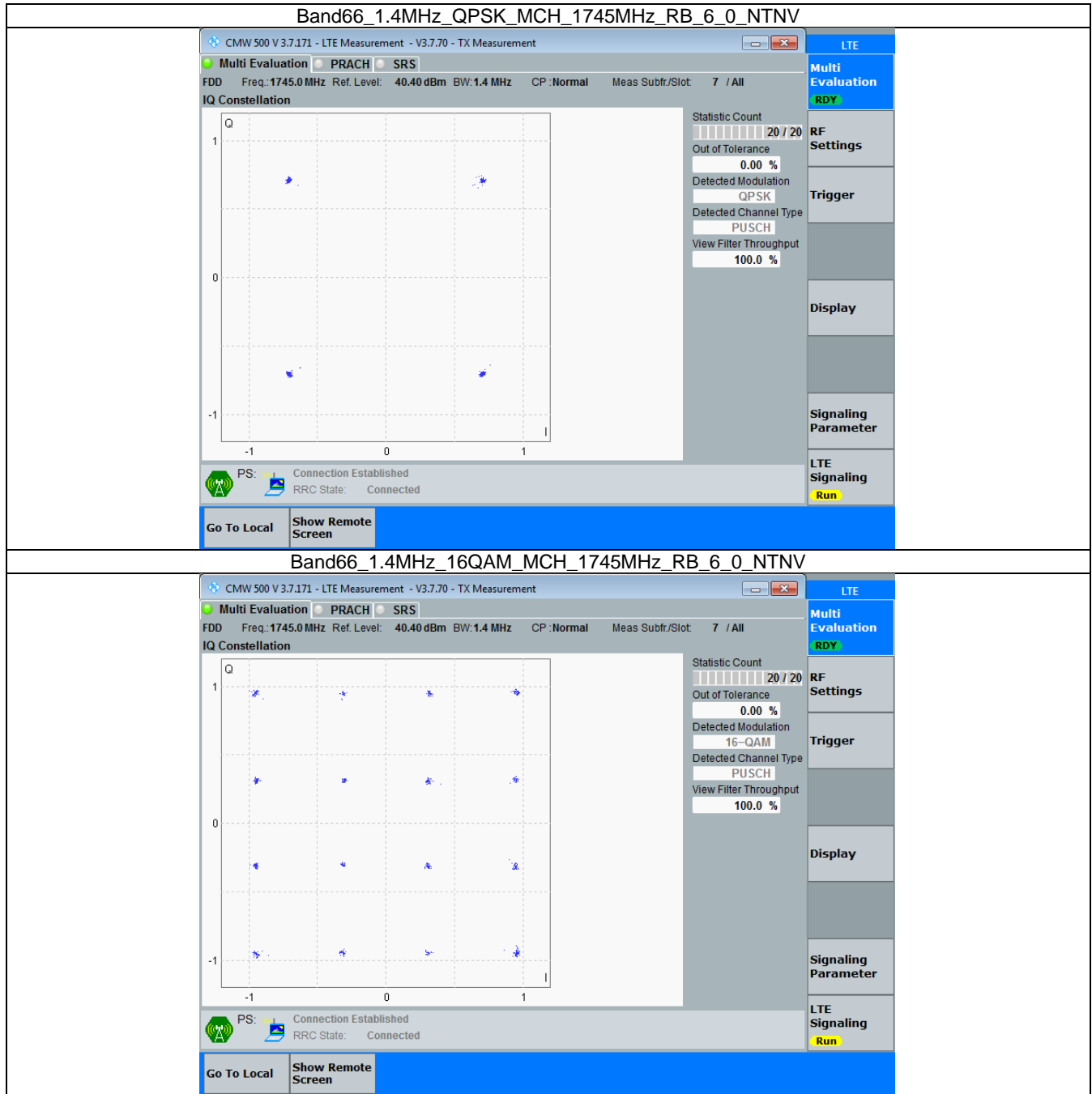


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3.1.2 Test Graph



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Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV

CMW 500 V 3.7.171 - LTE Measurement - V3.7.70 - TX Measurement		LTE
Multi Evaluation <input type="checkbox"/> PRACH <input type="checkbox"/> SRS		Multi Evaluation RDY
FDD Freq.: 1745.0 MHz Ref. Level: 40.40 dBm BW: 1.4 MHz CP: Normal Meas Subfr/Slot 7 / All		RF Settings
IQ Constellation		Trigger
	Statistic Count 20 / 20 Out of Tolerance 0.00 % Detected Modulation 64-QAM Detected Channel Type PUSCH View Filter Throughput 100.0 %	
PS: Connection Established RRC State: Connected		Display
Go To Local Show Remote Screen		Signaling Parameter
		LTE Signaling Run



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3.2 B66_3MHz

3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass
64QAM	1745	15	0	Refer To Test Graph		Pass

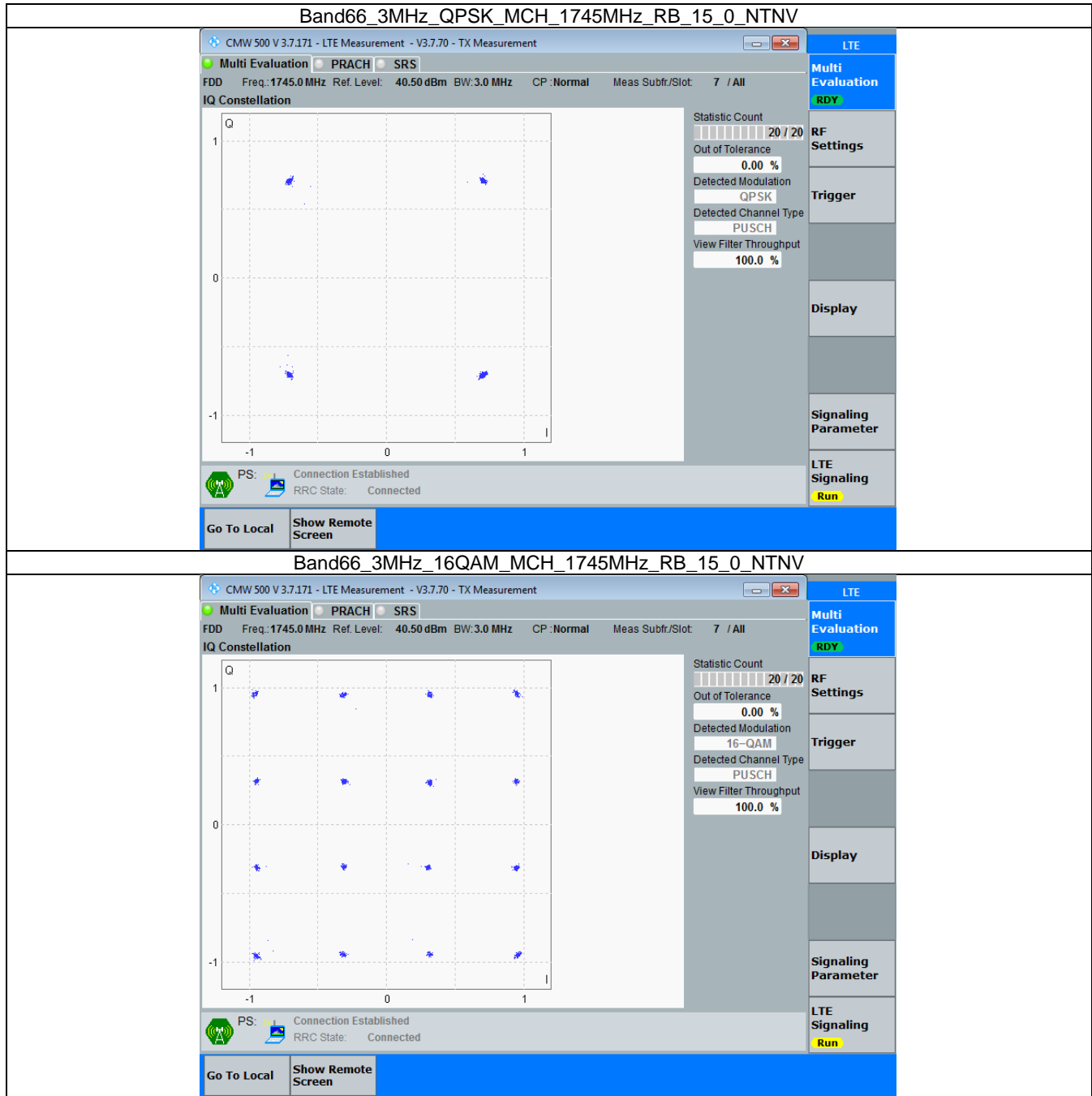
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3.2.2 Test Graph



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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV

CMW 500 V 3.7.171 - LTE Measurement - V3.7.70 - TX Measurement		LTE
Multi Evaluation <input type="checkbox"/> PRACH <input type="checkbox"/> SRS		Multi Evaluation RDY
FDD Freq.: 1745.0 MHz Ref. Level: 40.50 dBm BW: 3.0 MHz CP: Normal Meas Subfr/Slot 7 / All		RF Settings
IQ Constellation		Trigger
		Display
PS: Connection Established RRC State: Connected		Signaling Parameter
Go To Local Show Remote Screen		LTE Signaling Run



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3.3 B66_5MHz

3.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass
64QAM	1745	25	0	Refer To Test Graph		Pass

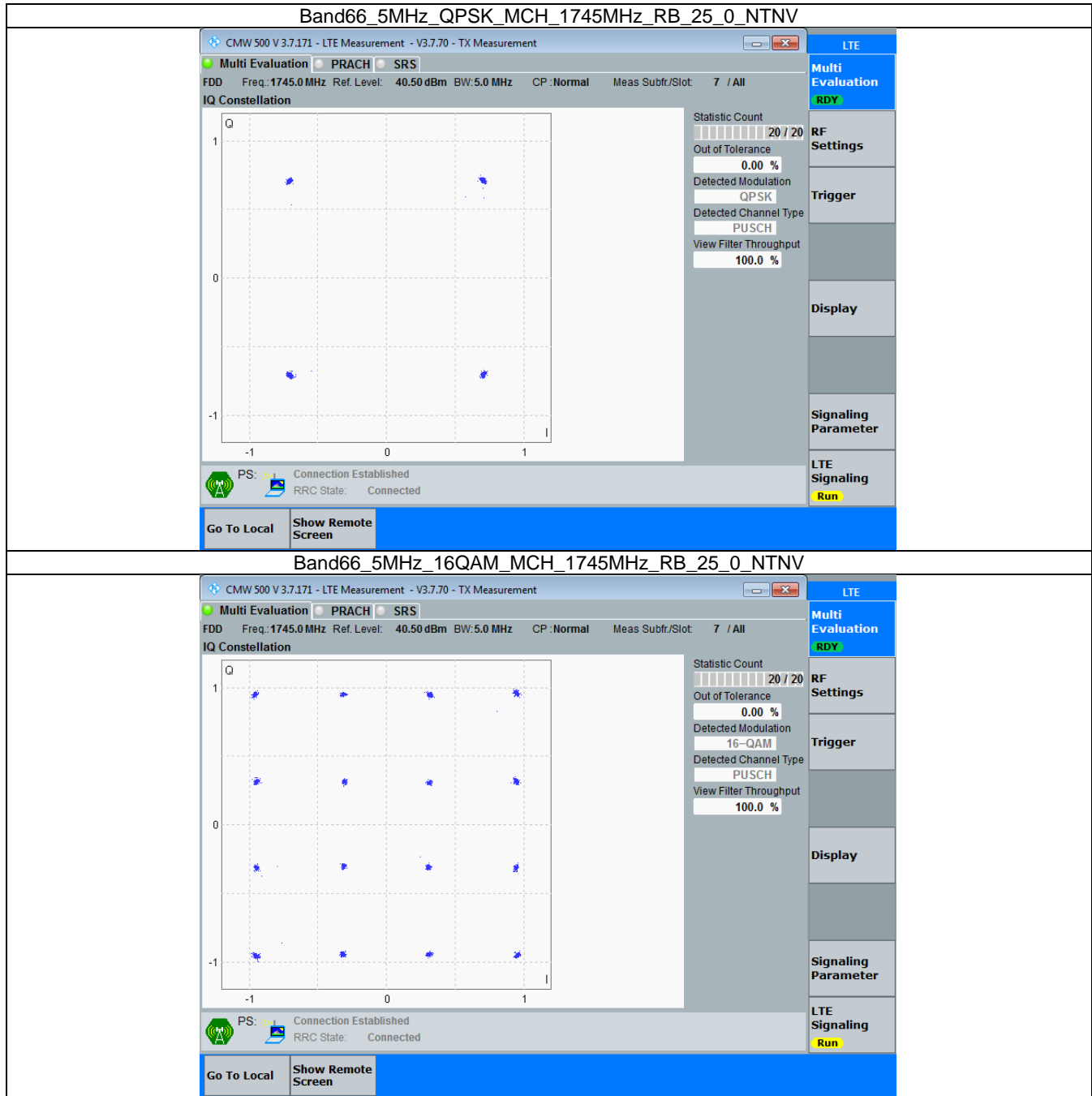


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3.3.2 Test Graph



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Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV

CMW 500 V 3.7.171 - LTE Measurement - V3.7.70 - TX Measurement		LTE
Multi Evaluation <input type="checkbox"/> PRACH <input type="checkbox"/> SRS		Multi Evaluation RDY
FDD Freq.: 1745.0 MHz Ref. Level: 40.50 dBm BW: 5.0 MHz CP: Normal Meas Subfr/Slot 7 / All		RF Settings
IQ Constellation		Trigger
		Display
PS: Connection Established RRC State: Connected		Signaling Parameter
Go To Local Show Remote Screen		LTE Signaling Run



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3.4 B66_10MHz

3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass
64QAM	1745	50	0	Refer To Test Graph		Pass



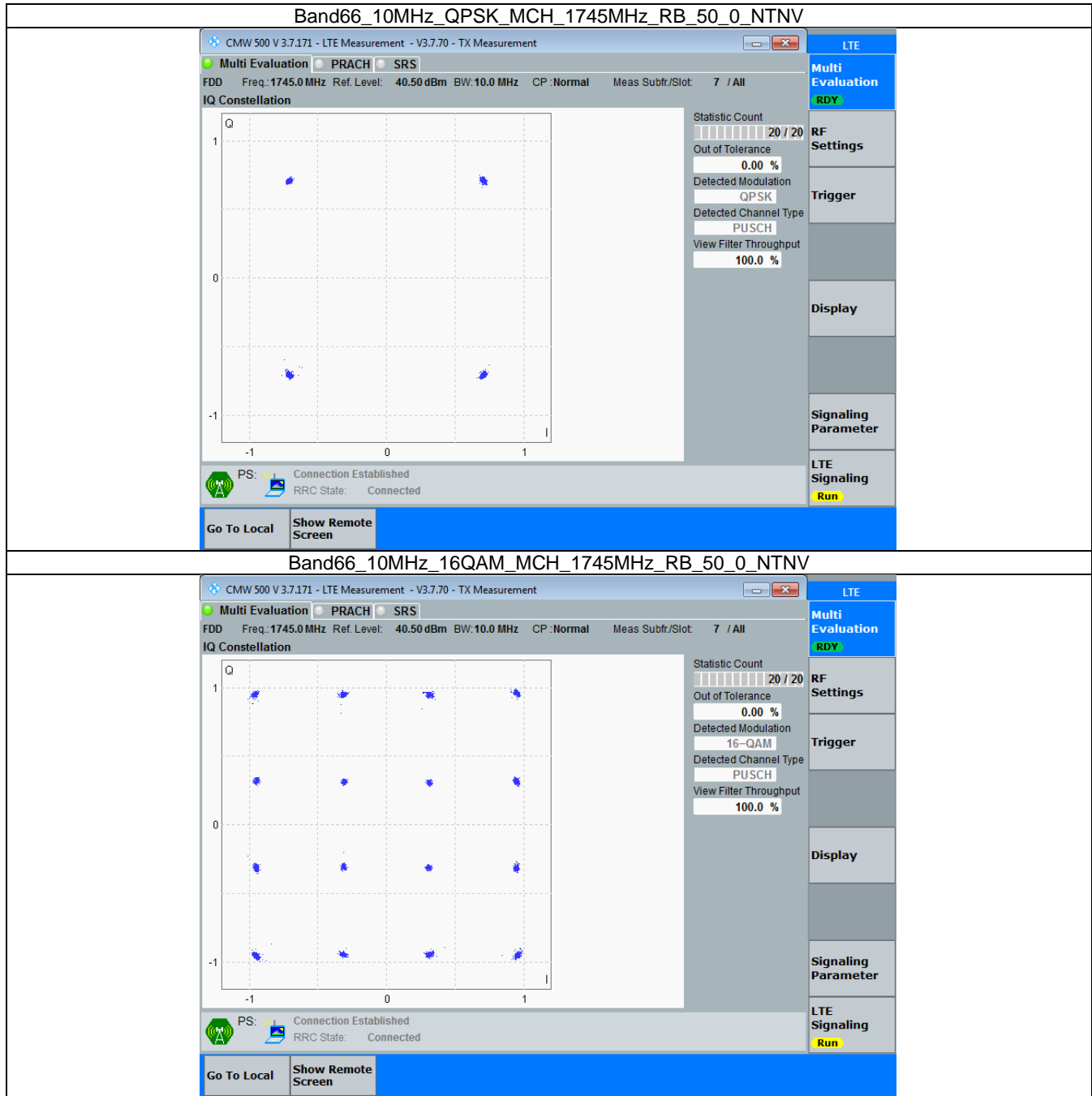
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3.4.2 Test Graph

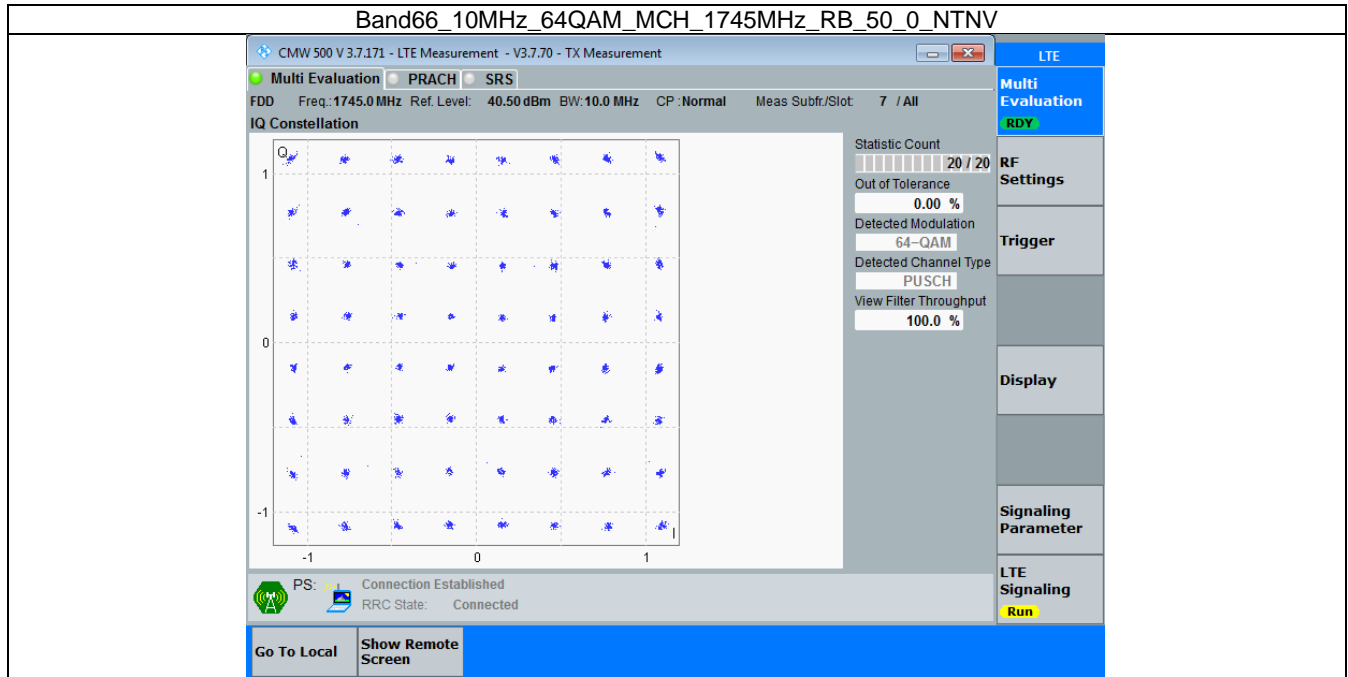


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3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass
64QAM	1745	75	0	Refer To Test Graph		Pass

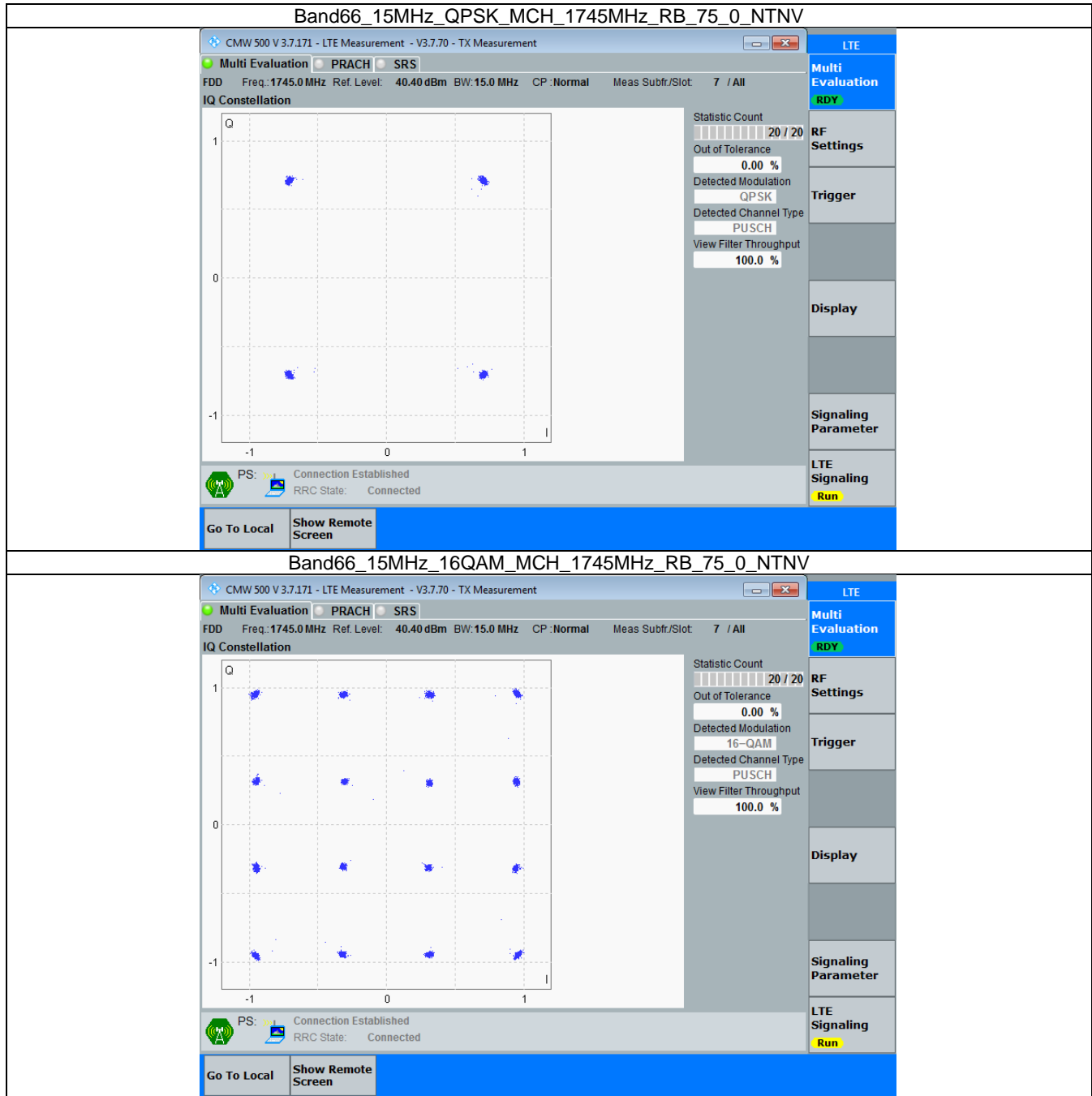


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3.5.2 Test Graph

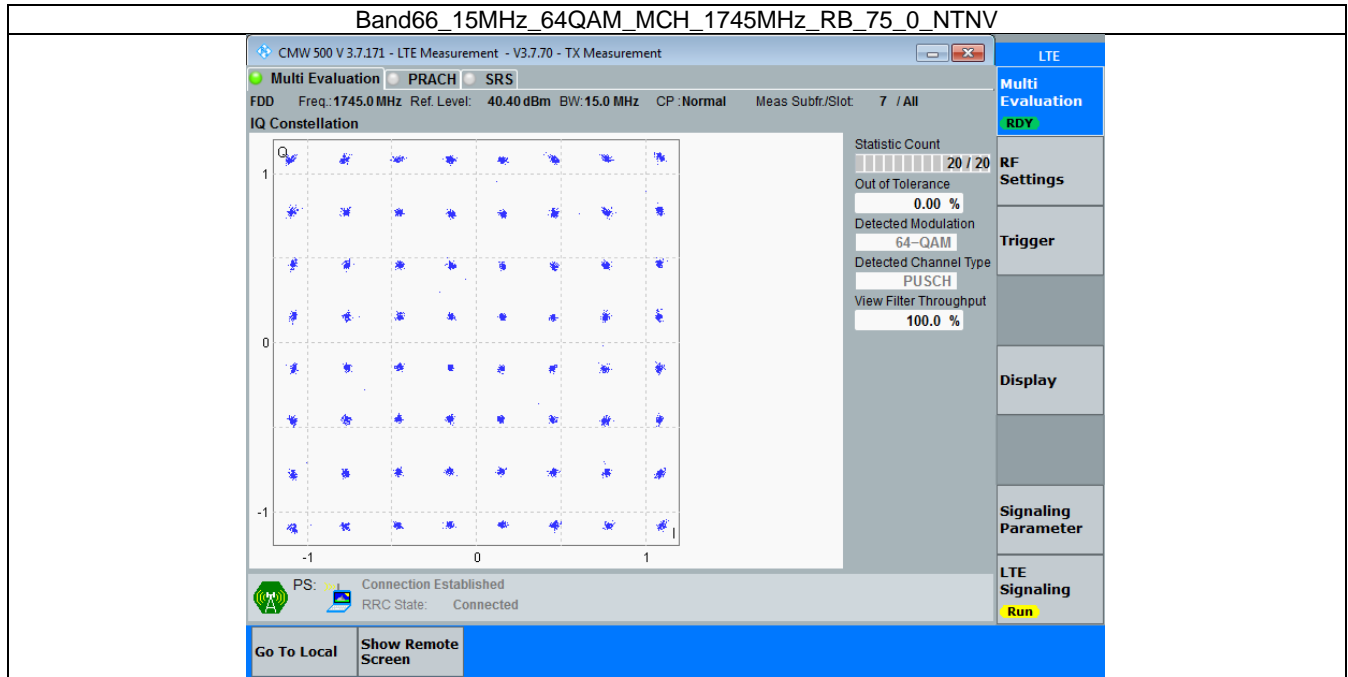


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3.6 B66_20MHz

3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass
64QAM	1745	100	0	Refer To Test Graph		Pass

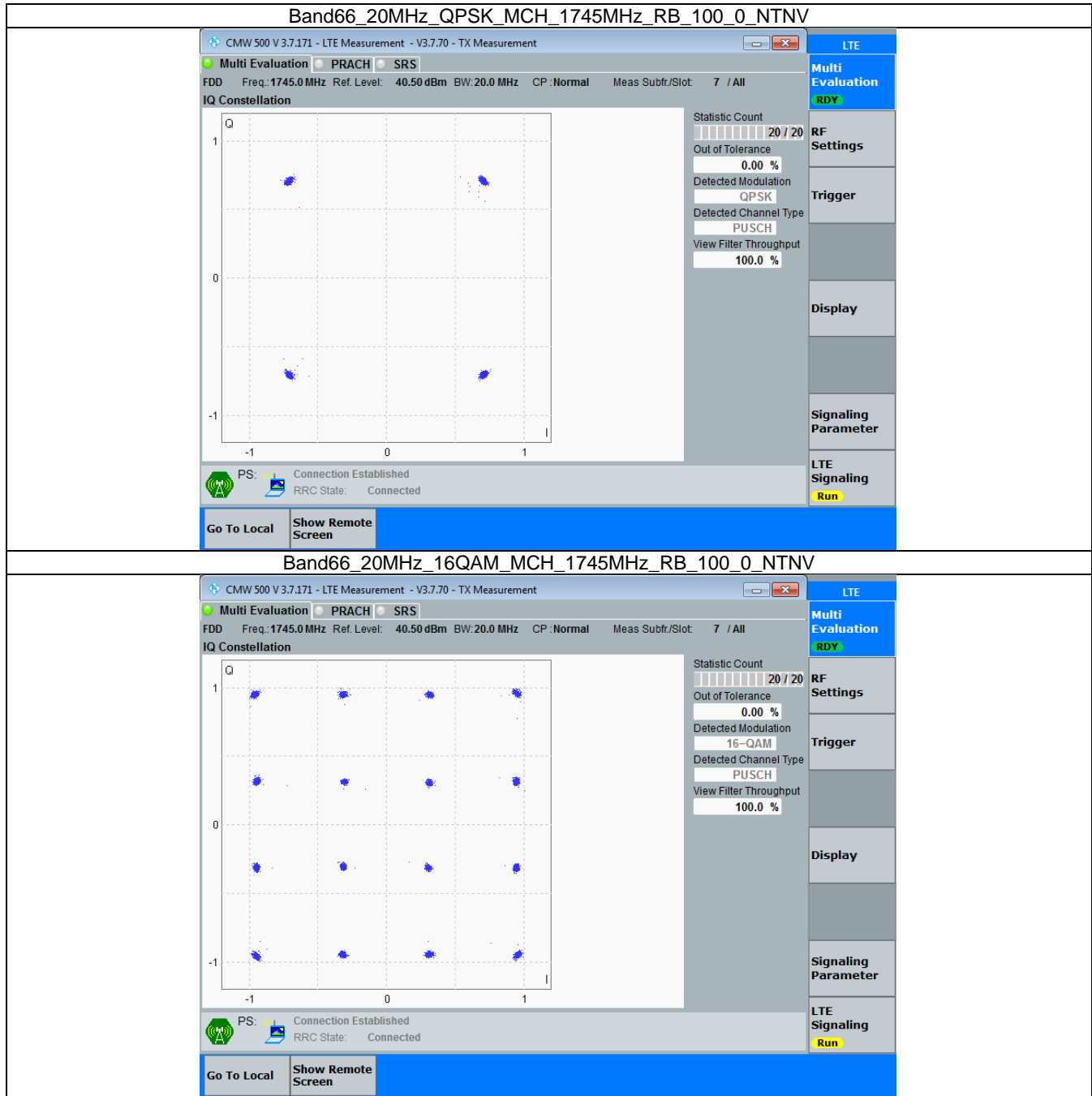


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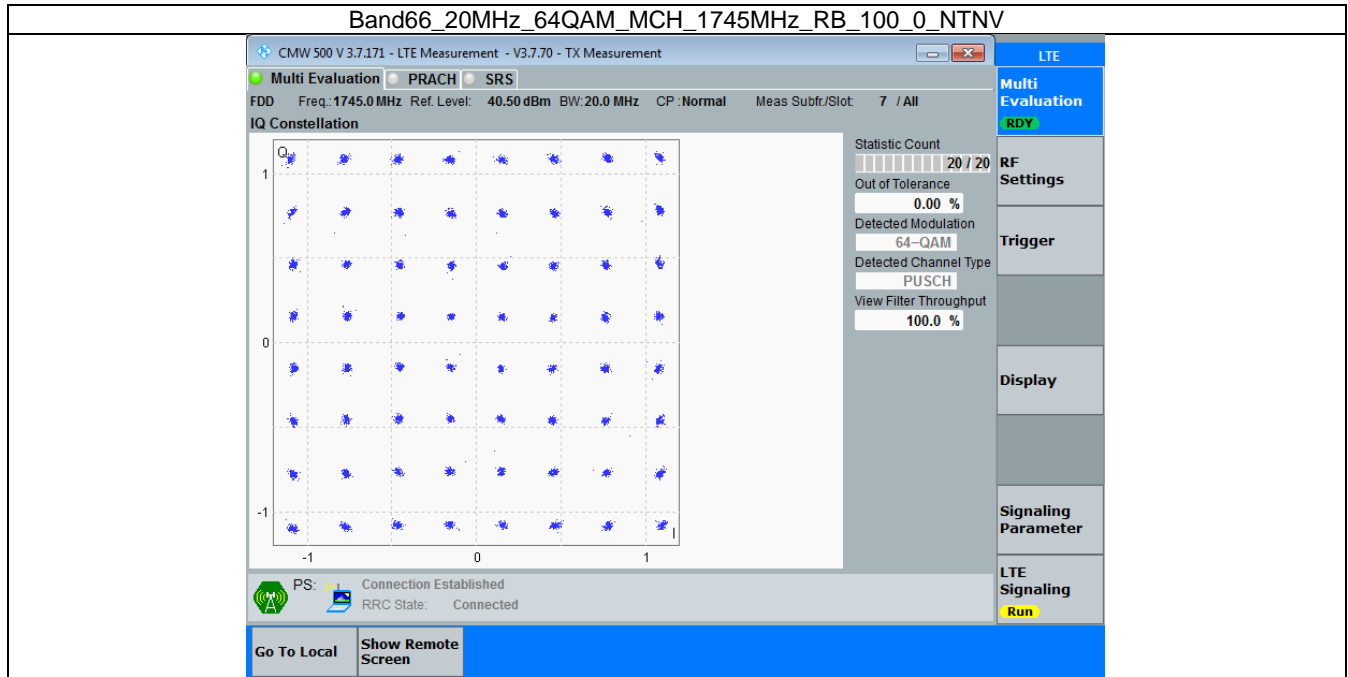
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3.6.2 Test Graph



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4. 99% & 26dB Bandwidth

4.1 Band66_OBW

4.1.1 Test Result

Band: 66 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.101	Pass
		1745	6	0	1.103	Pass
		1779.3	6	0	1.100	Pass
	16QAM	1710.7	6	0	1.098	Pass
		1745	6	0	1.109	Pass
		1779.3	6	0	1.111	Pass
	64QAM	1710.7	6	0	1.105	Pass
		1745	6	0	1.101	Pass
		1779.3	6	0	1.106	Pass
3	QPSK	1711.5	15	0	2.711	Pass
		1745	15	0	2.714	Pass
		1778.5	15	0	2.718	Pass
	16QAM	1711.5	15	0	2.709	Pass
		1745	15	0	2.711	Pass
		1778.5	15	0	2.711	Pass
	64QAM	1711.5	15	0	2.719	Pass
		1745	15	0	2.707	Pass
		1778.5	15	0	2.703	Pass
5	QPSK	1712.5	25	0	4.579	Pass
		1745	25	0	4.561	Pass
		1777.5	25	0	4.548	Pass
	16QAM	1712.5	25	0	4.552	Pass
		1745	25	0	4.564	Pass
		1777.5	25	0	4.562	Pass
	64QAM	1712.5	25	0	4.554	Pass
		1745	25	0	4.562	Pass
		1777.5	25	0	4.545	Pass
10	QPSK	1715	50	0	9.101	Pass
		1745	50	0	9.073	Pass
		1775	50	0	9.055	Pass
	16QAM	1715	50	0	9.060	Pass
		1745	50	0	9.057	Pass
		1775	50	0	9.064	Pass
	64QAM	1715	50	0	9.085	Pass
		1745	50	0	9.065	Pass
		1775	50	0	9.051	Pass
15	QPSK	1717.5	75	0	13.664	Pass
		1745	75	0	13.608	Pass
		1772.5	75	0	13.589	Pass
	16QAM	1717.5	75	0	13.687	Pass
		1745	75	0	13.624	Pass
		1772.5	75	0	13.596	Pass

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	64QAM	1717.5	75	0	13.662	Pass
		1745	75	0	13.618	Pass
		1772.5	75	0	13.616	Pass
20	QPSK	1720	100	0	18.169	Pass
		1745	100	0	18.136	Pass
		1770	100	0	18.080	Pass
	16QAM	1720	100	0	18.247	Pass
		1745	100	0	18.129	Pass
		1770	100	0	18.126	Pass
	64QAM	1720	100	0	18.140	Pass
		1745	100	0	18.140	Pass
		1770	100	0	18.099	Pass



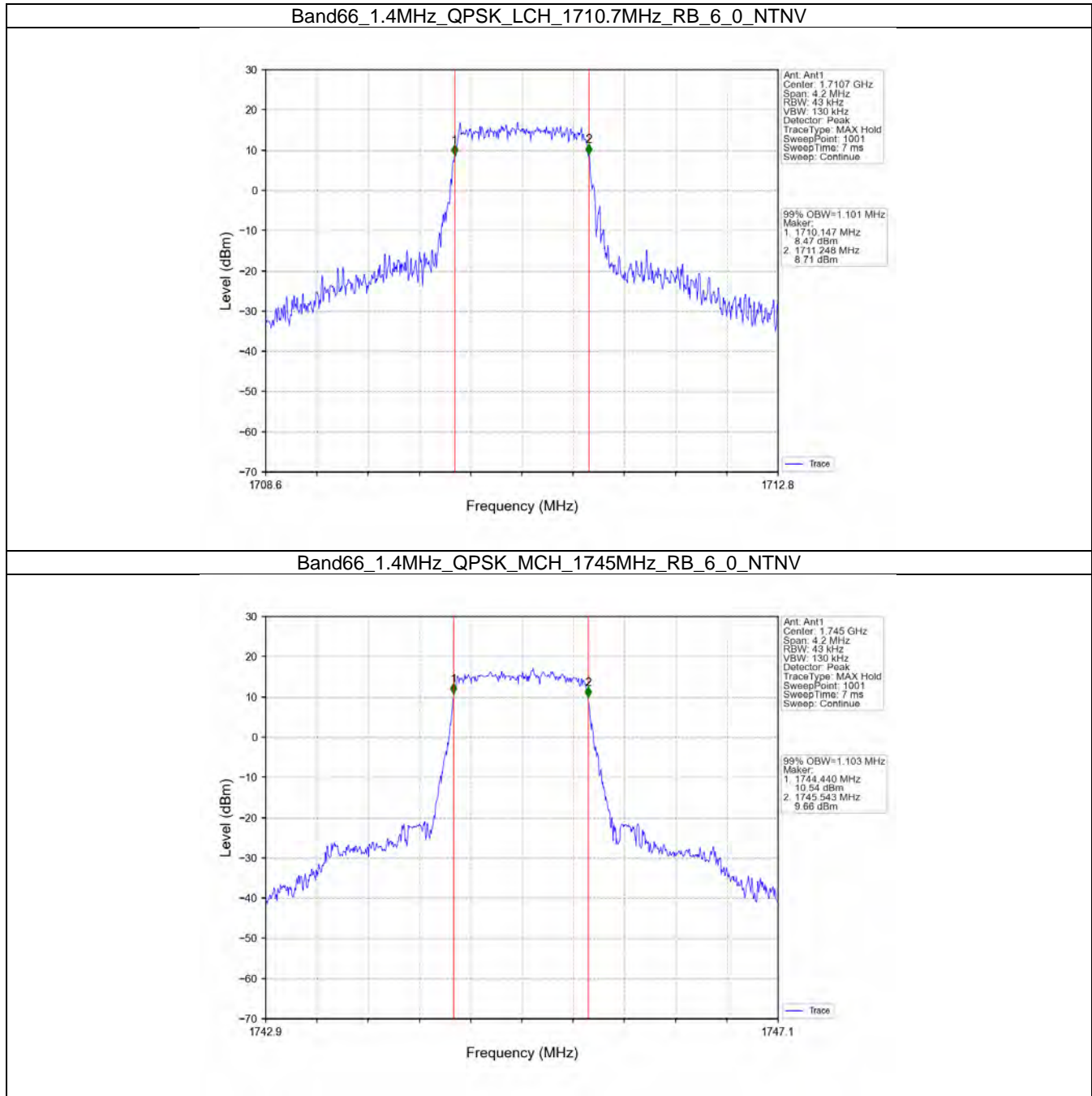
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4.1.2 Test Graph



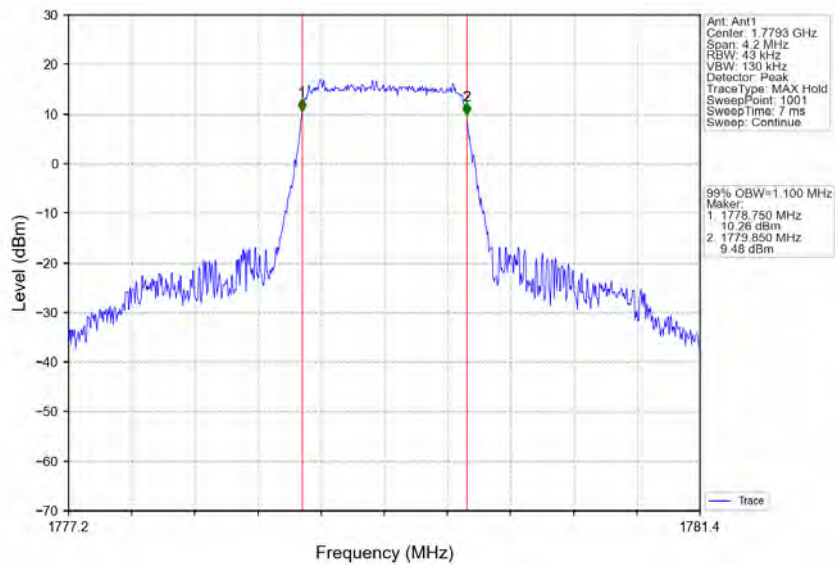
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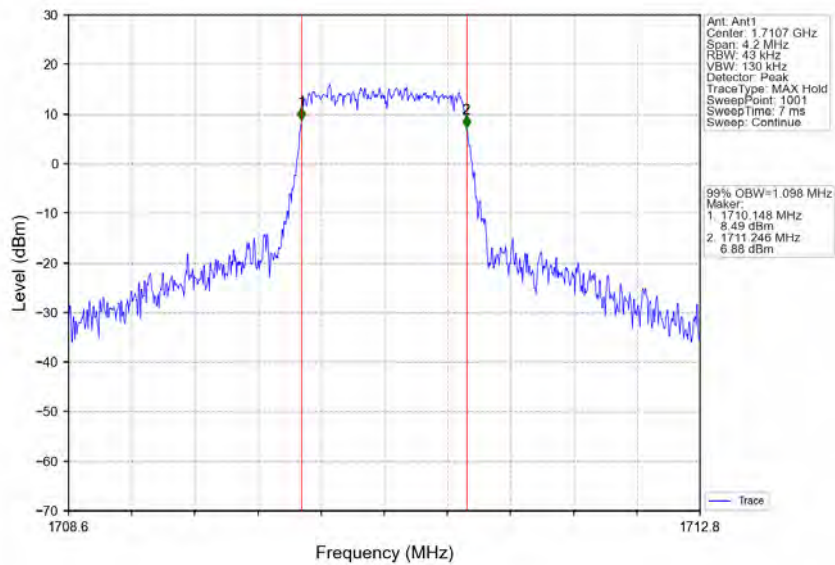
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Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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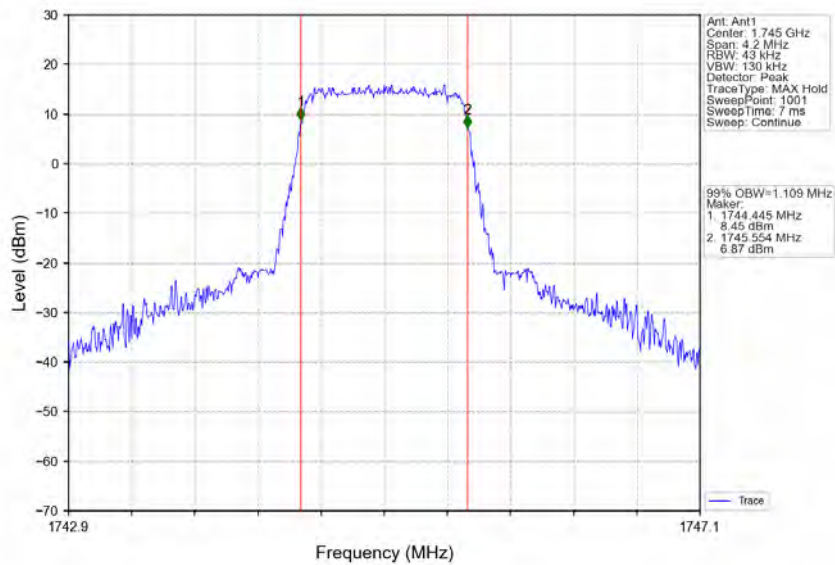
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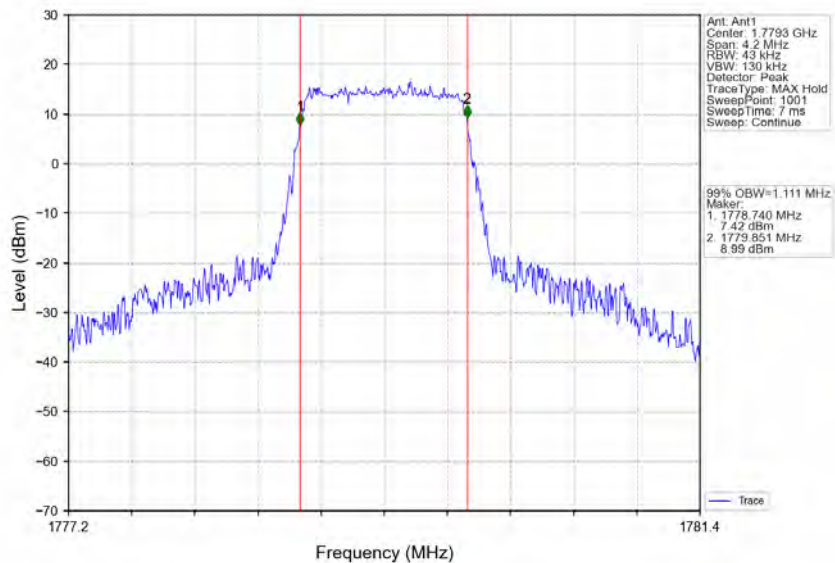
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



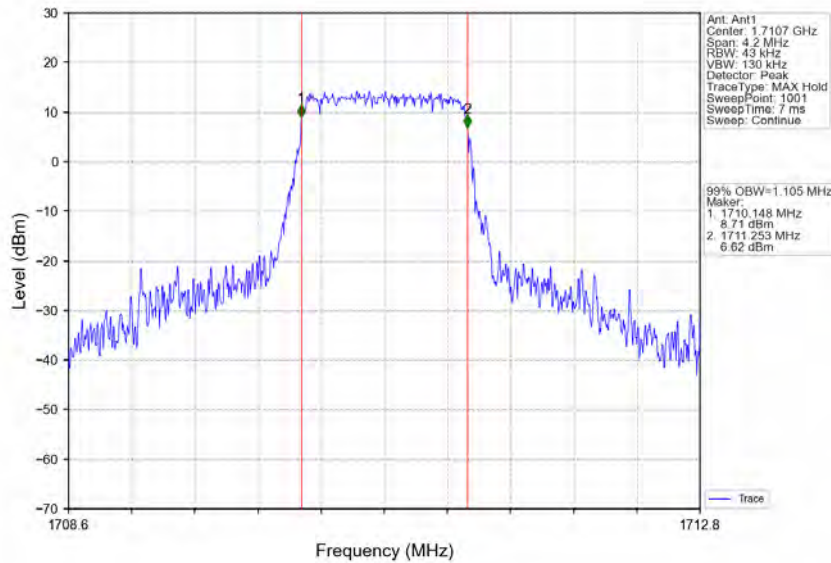
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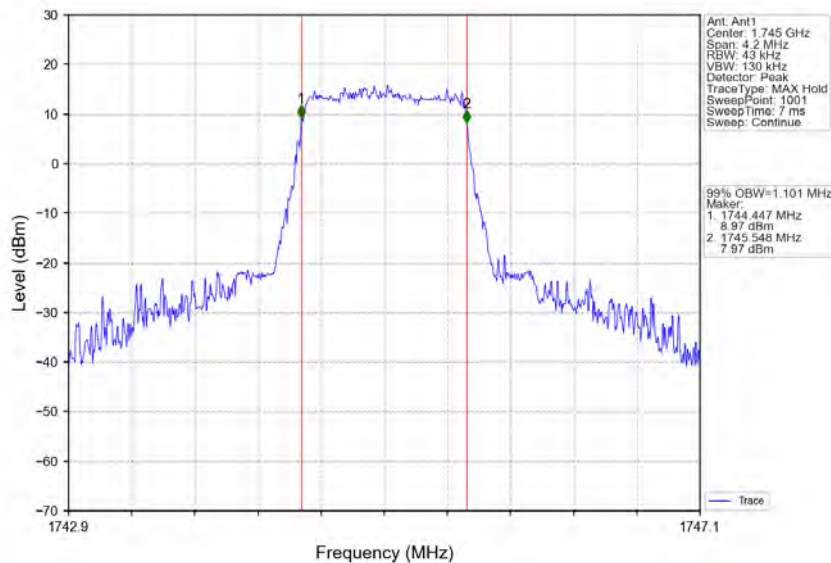
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Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



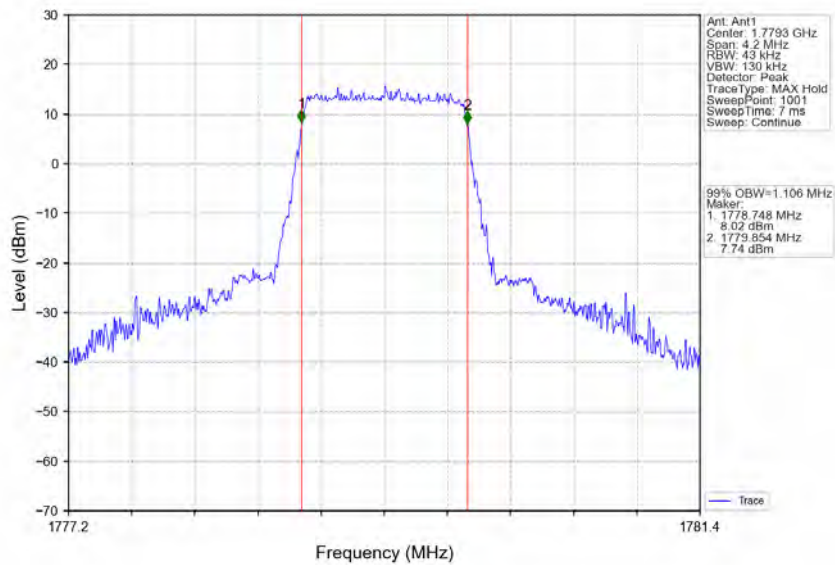
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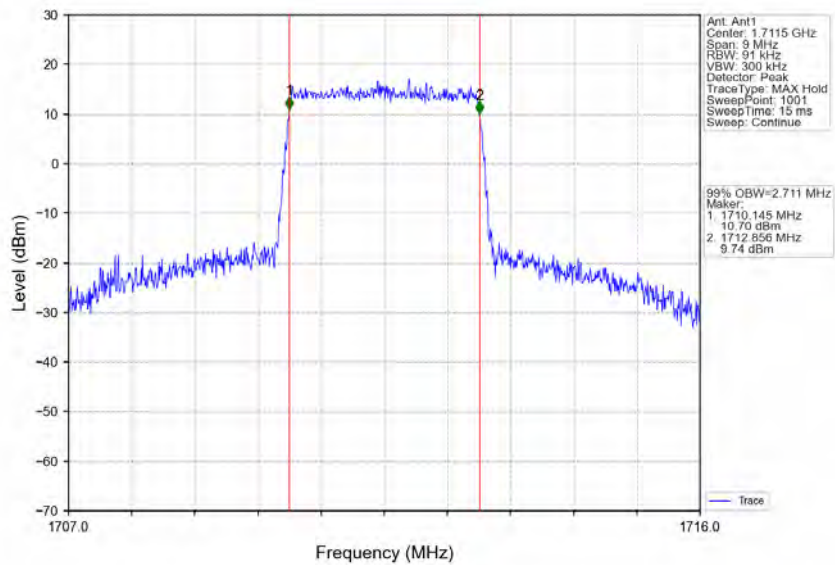
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



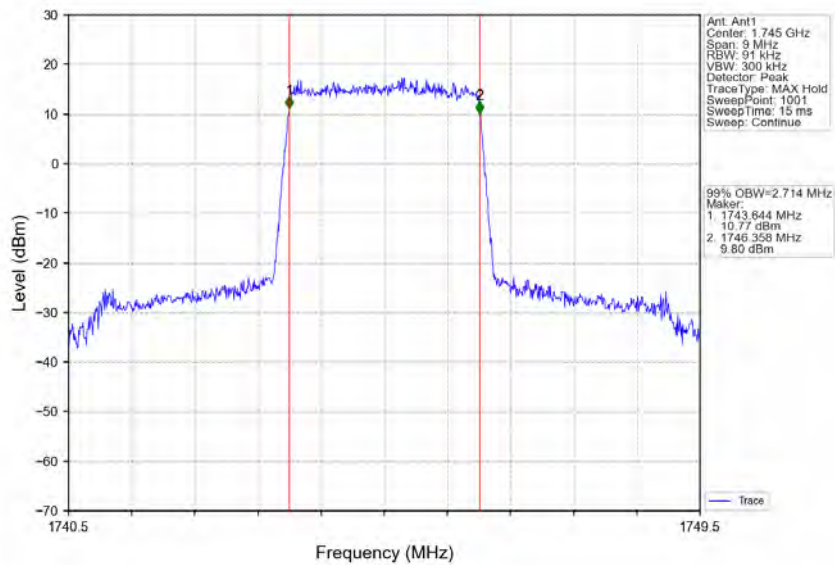
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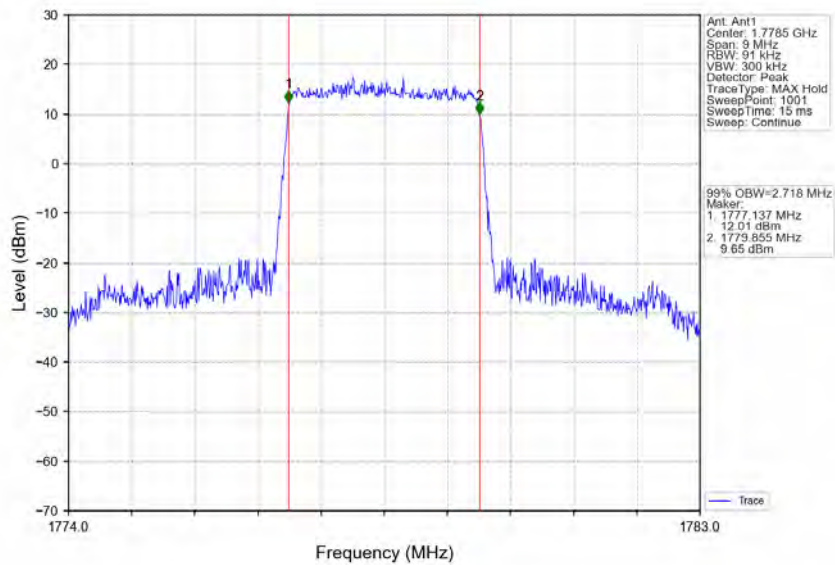
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



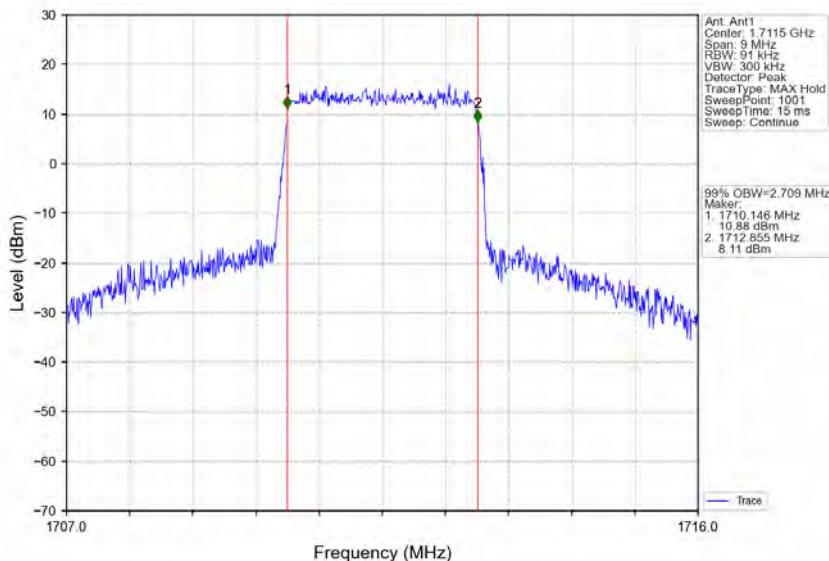
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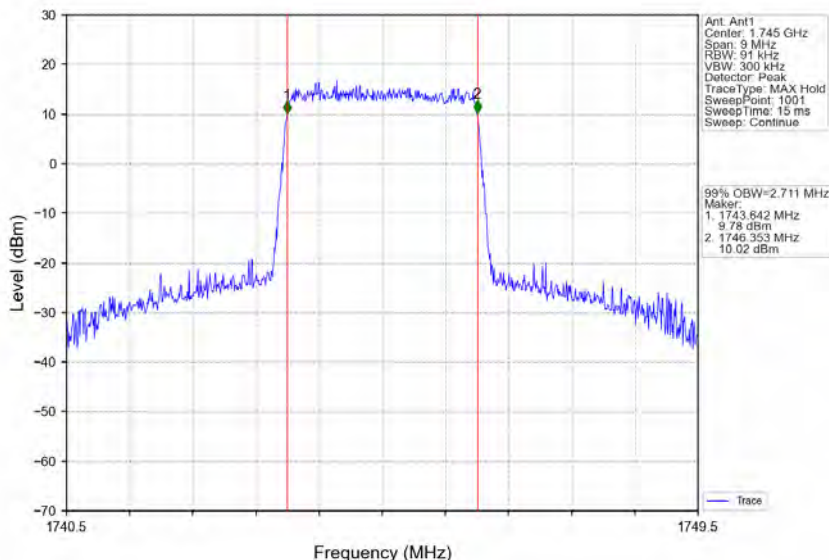
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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



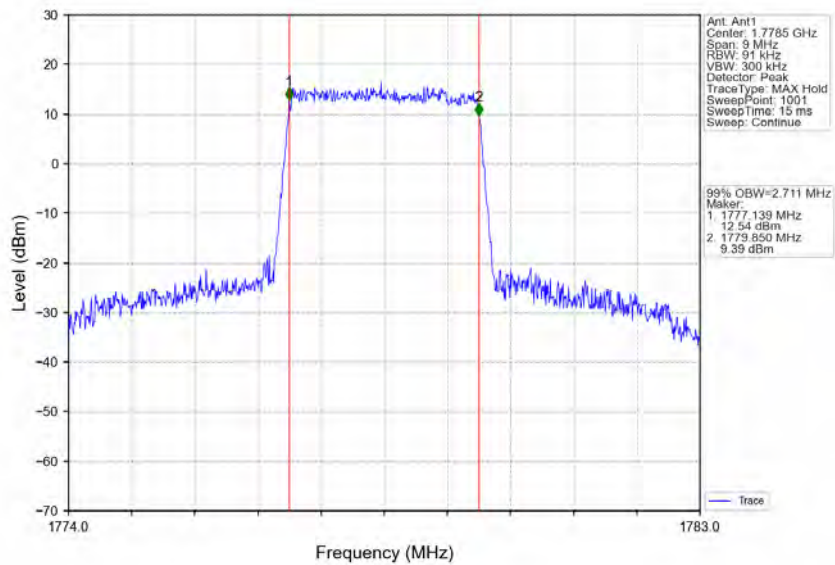
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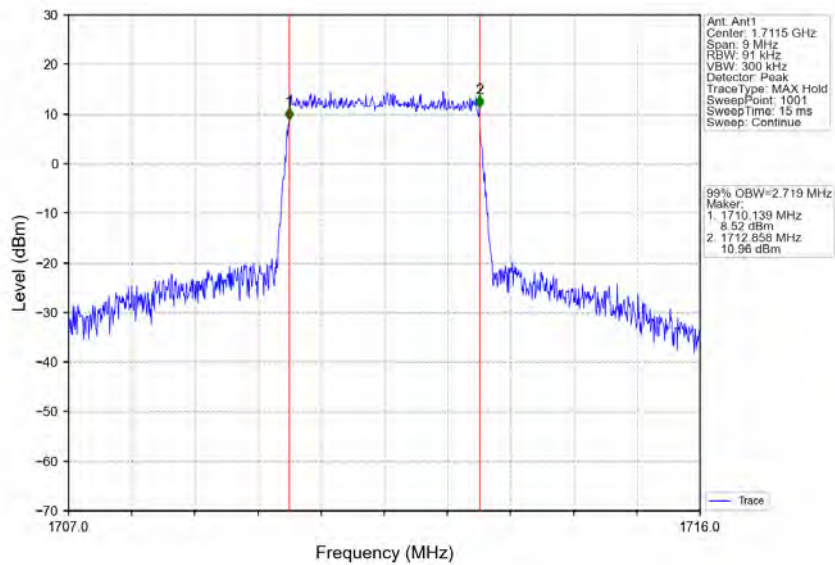
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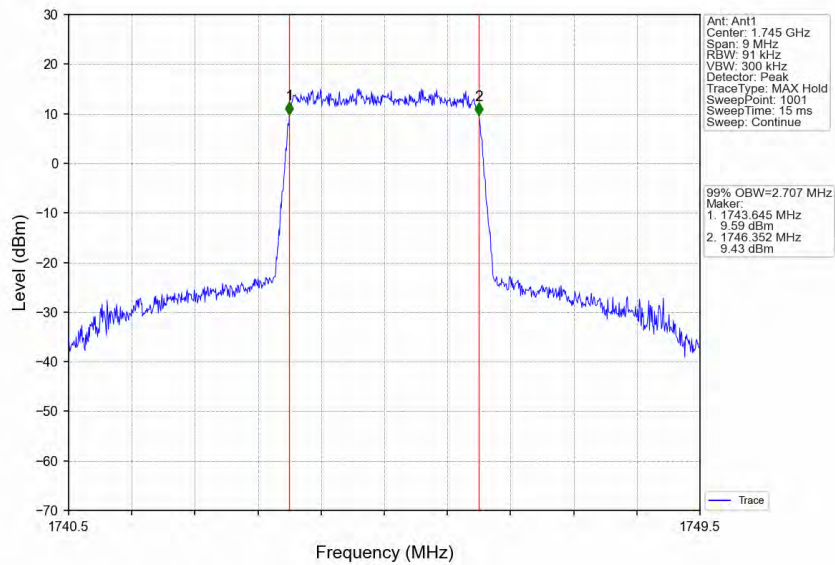
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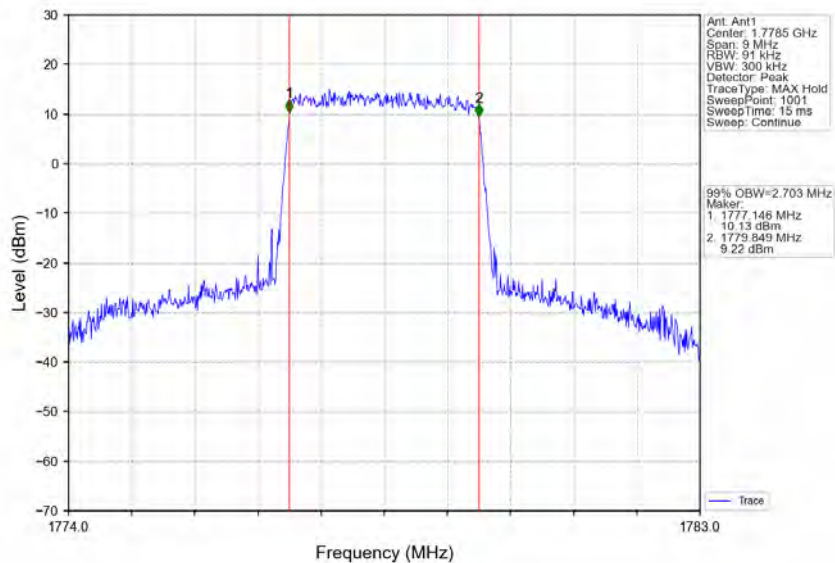
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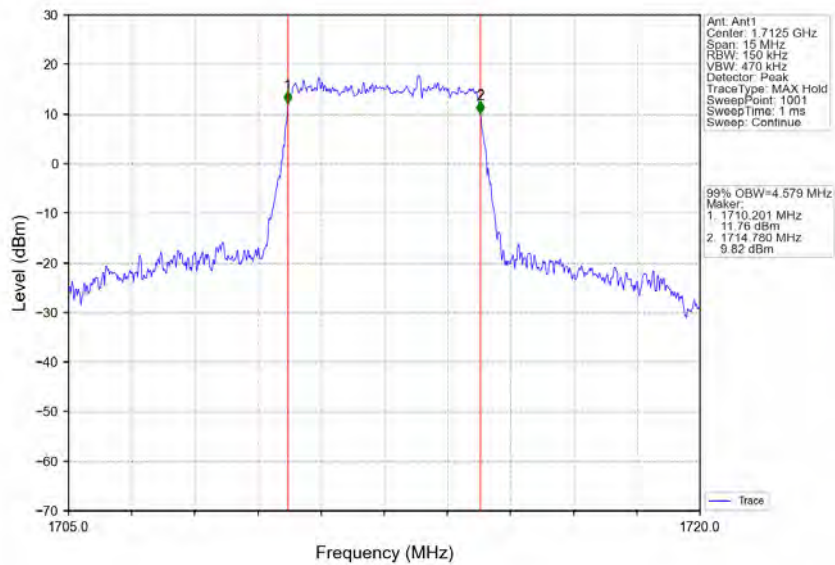
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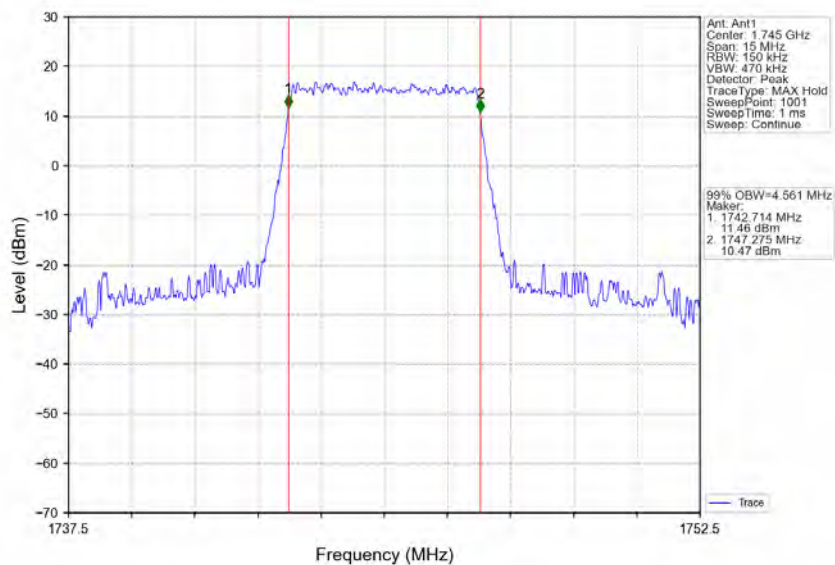
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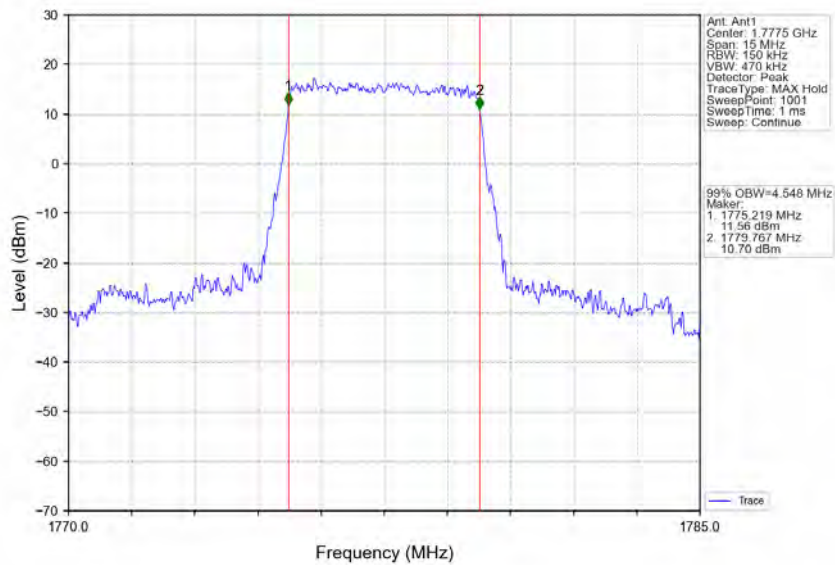
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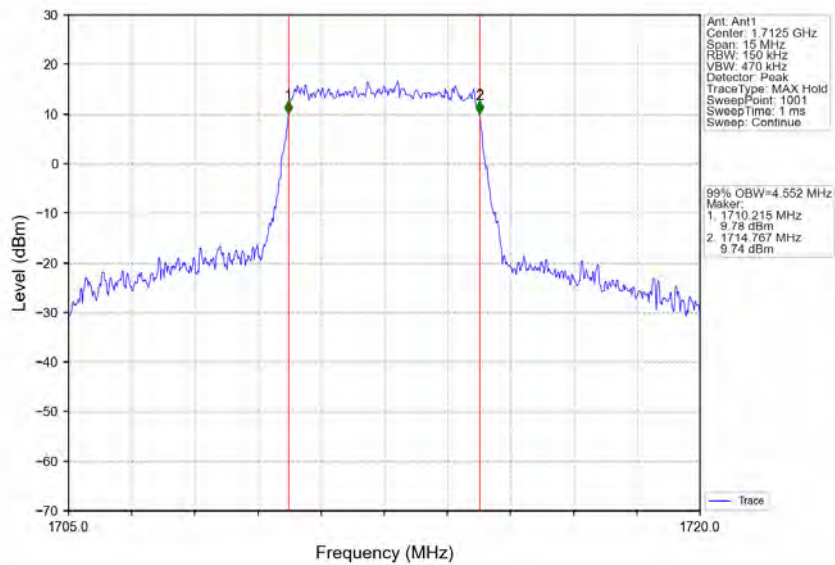
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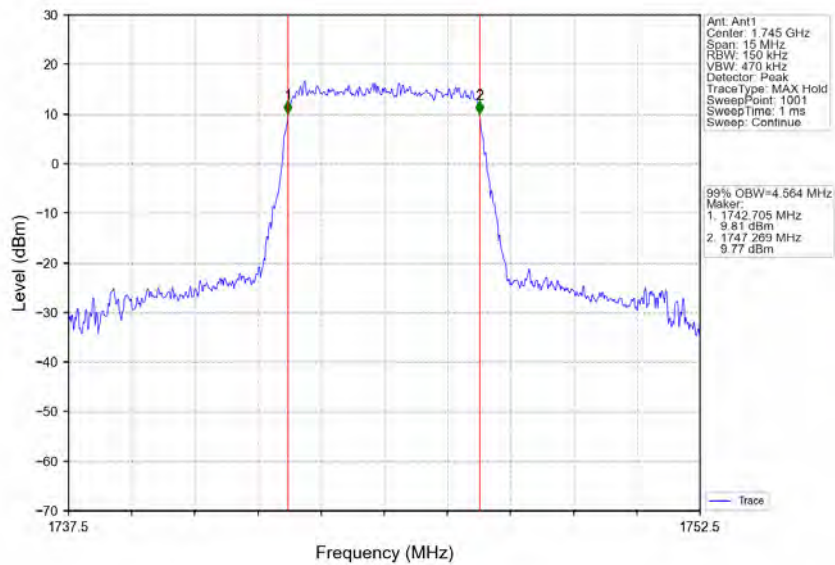
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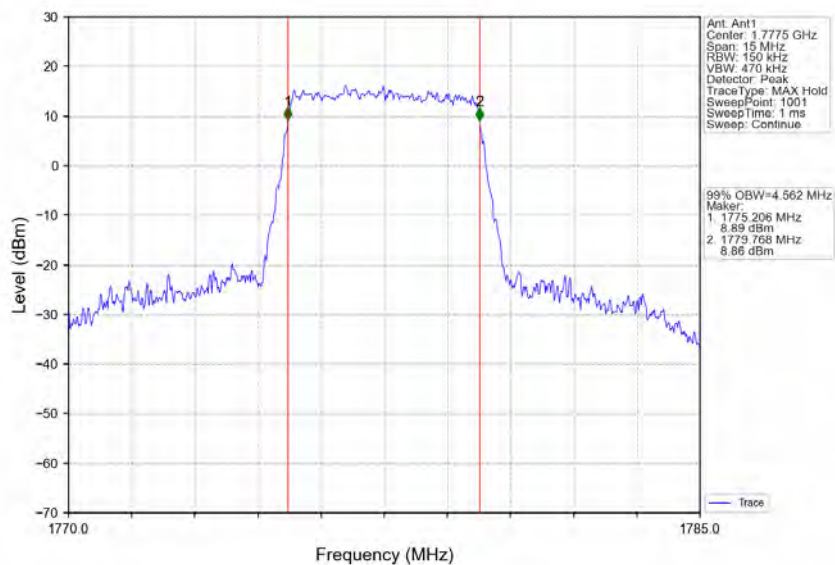
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



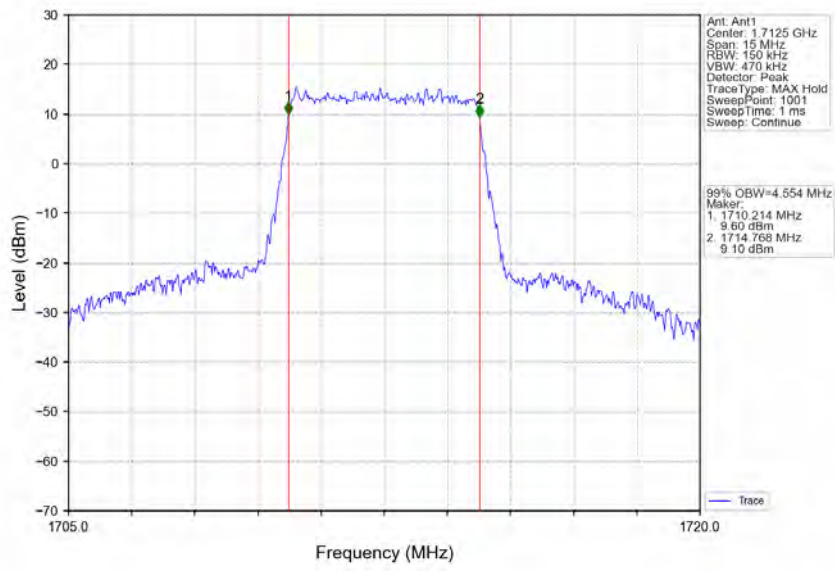
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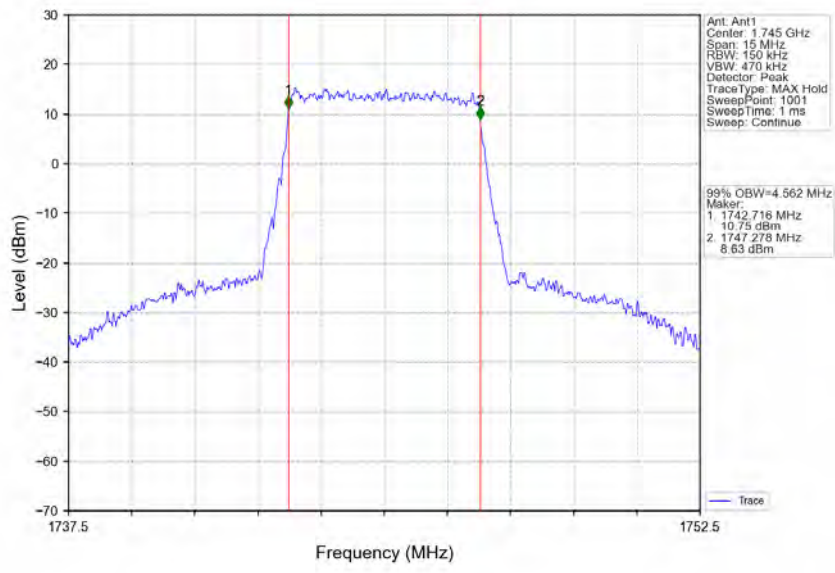
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV

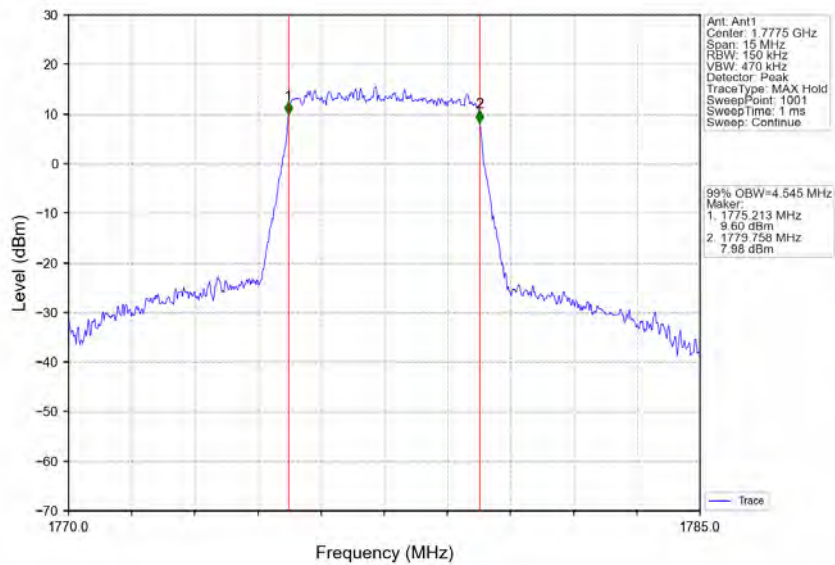


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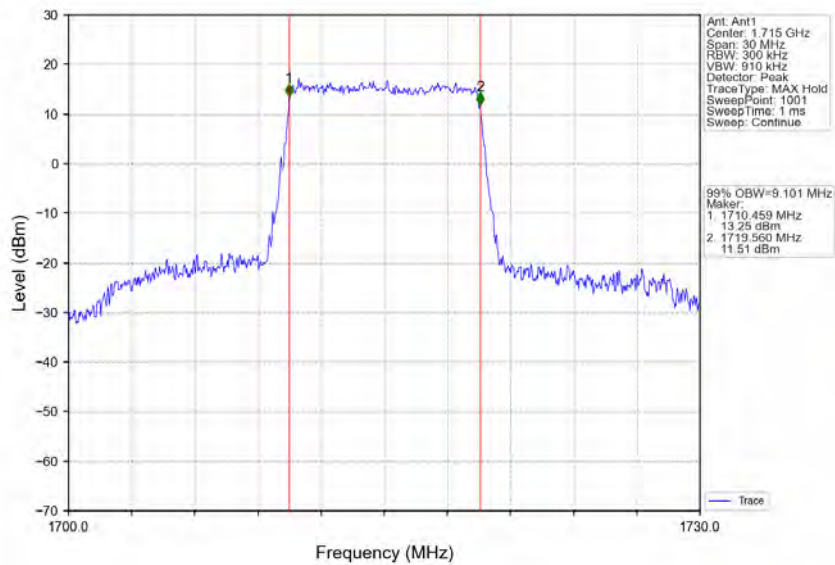
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



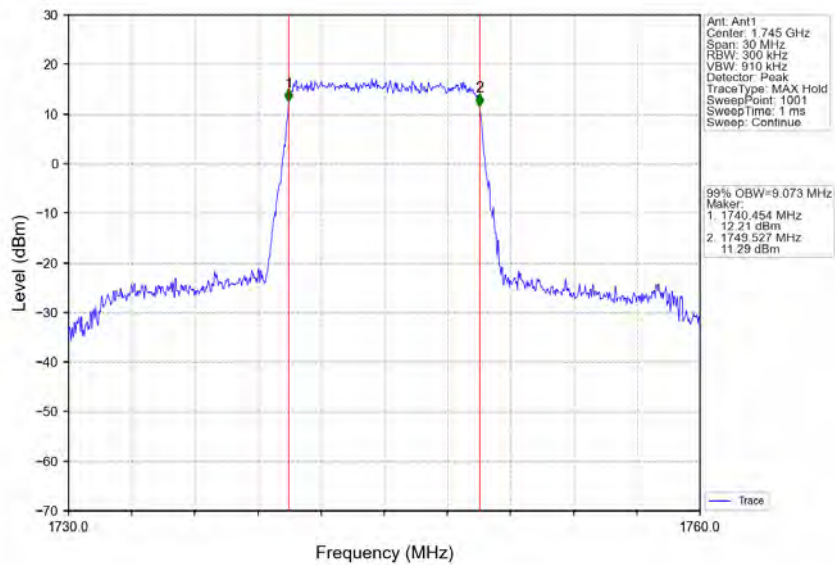
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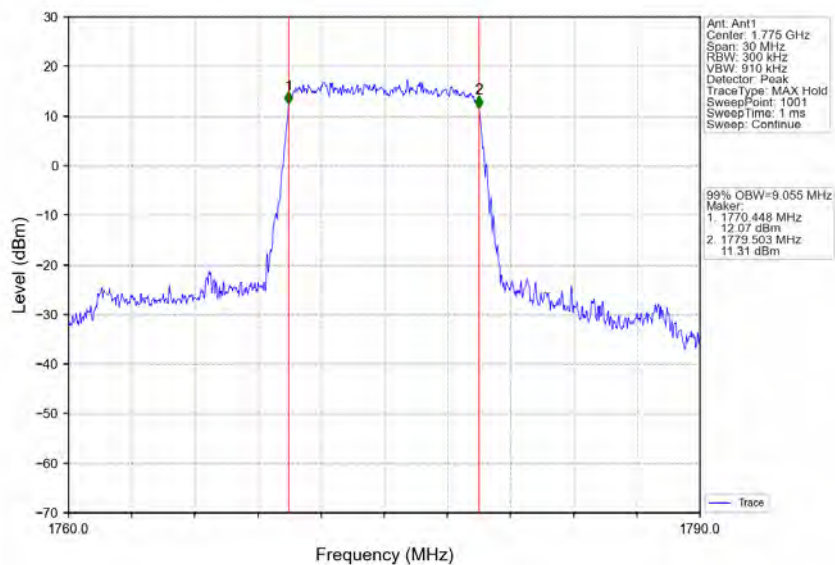
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Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



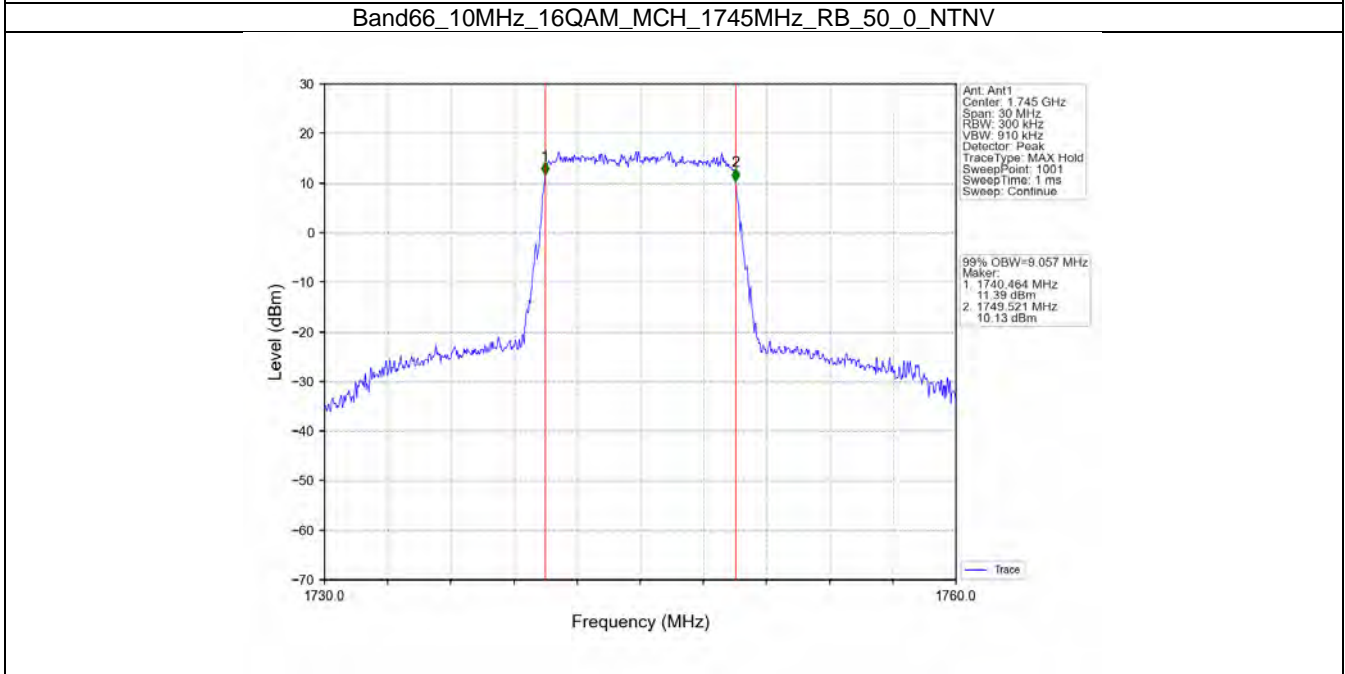
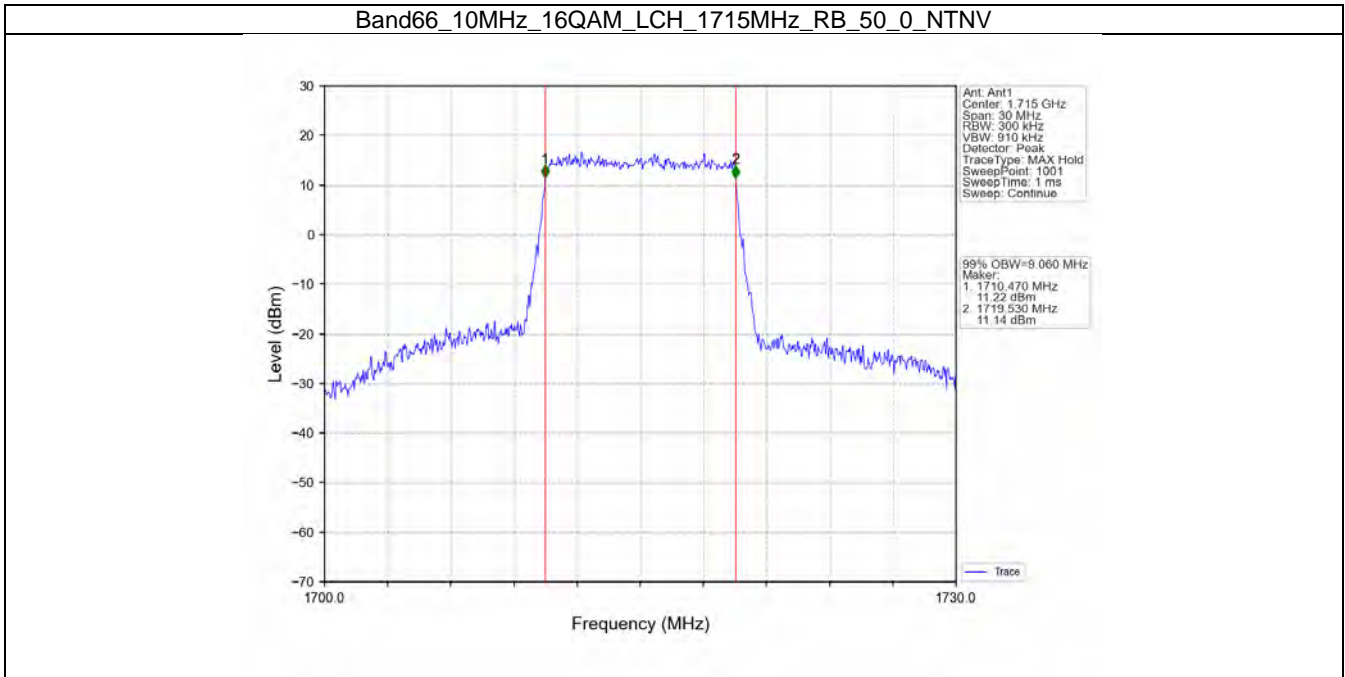
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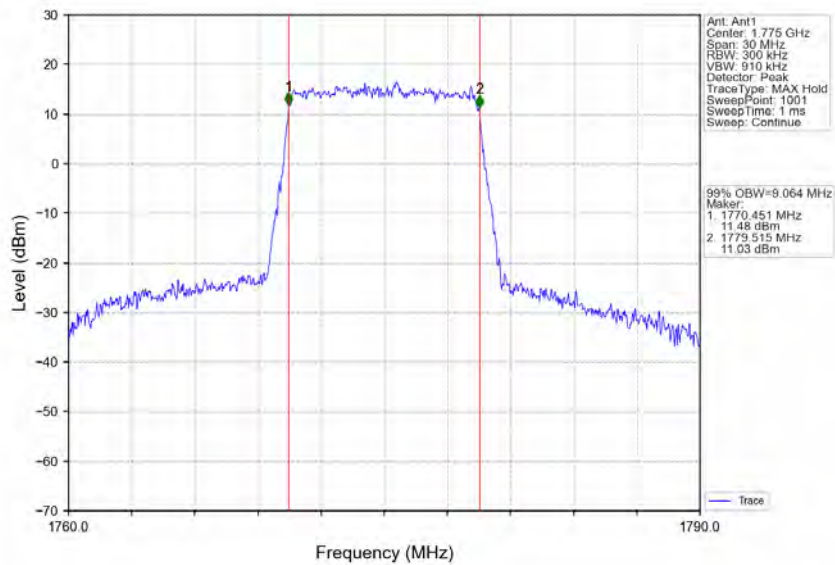
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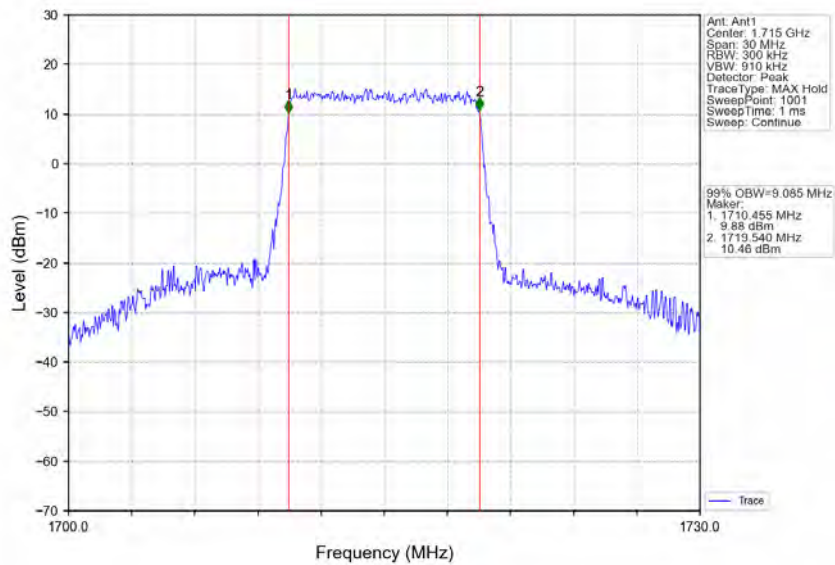
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Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



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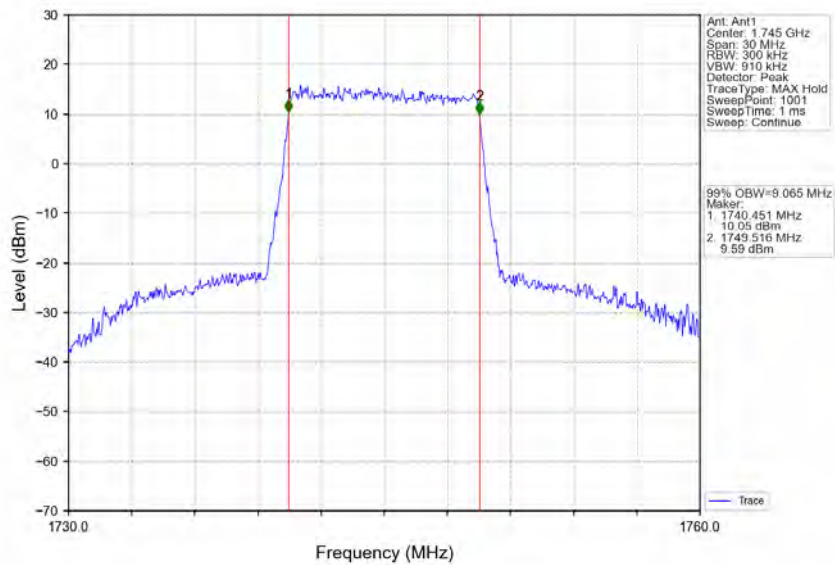
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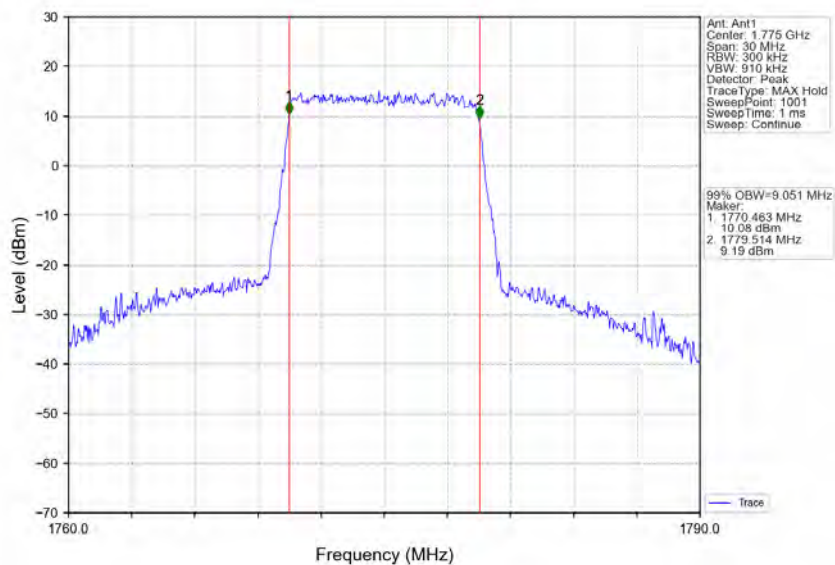
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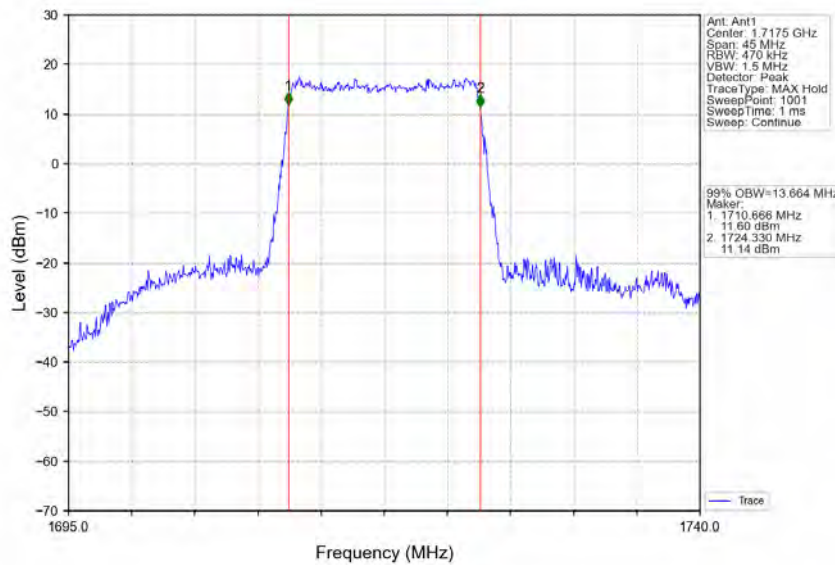
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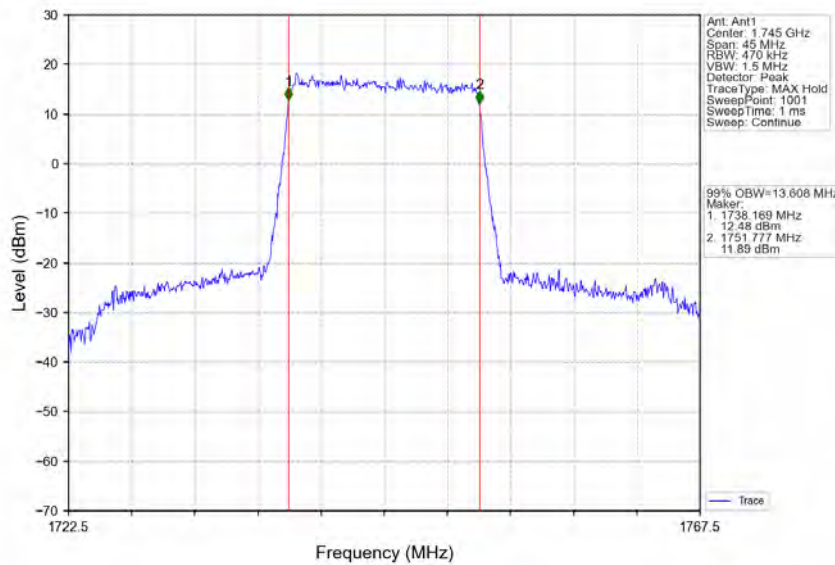
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Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



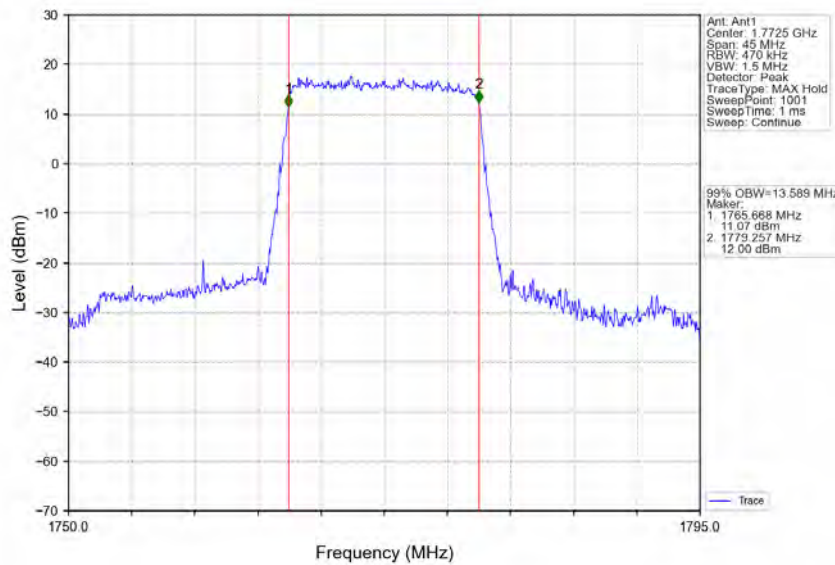
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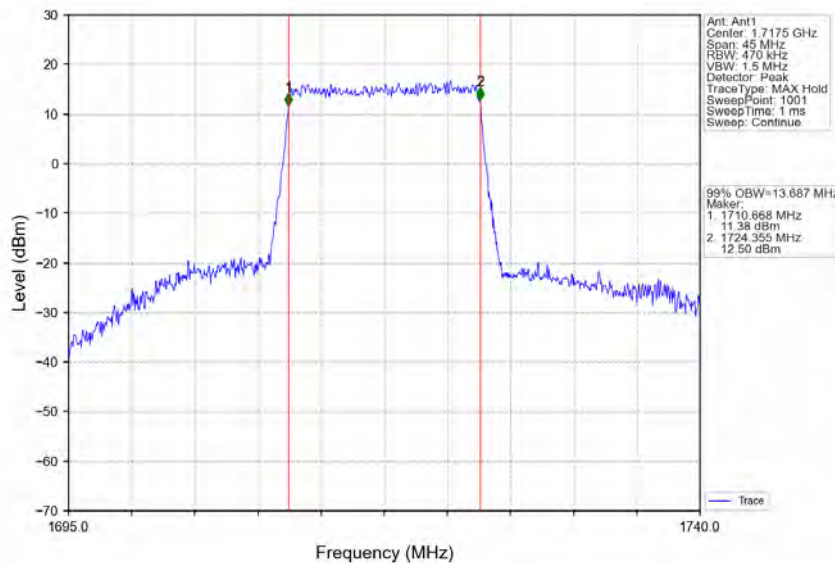
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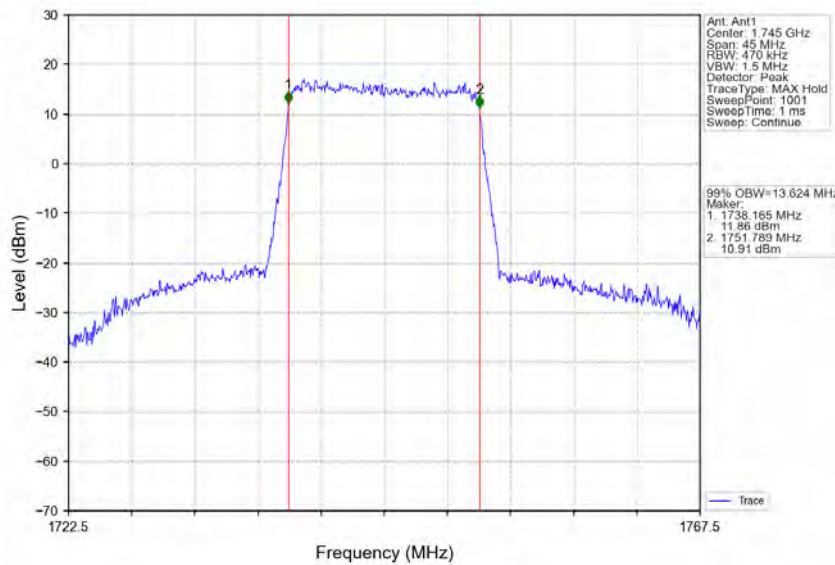
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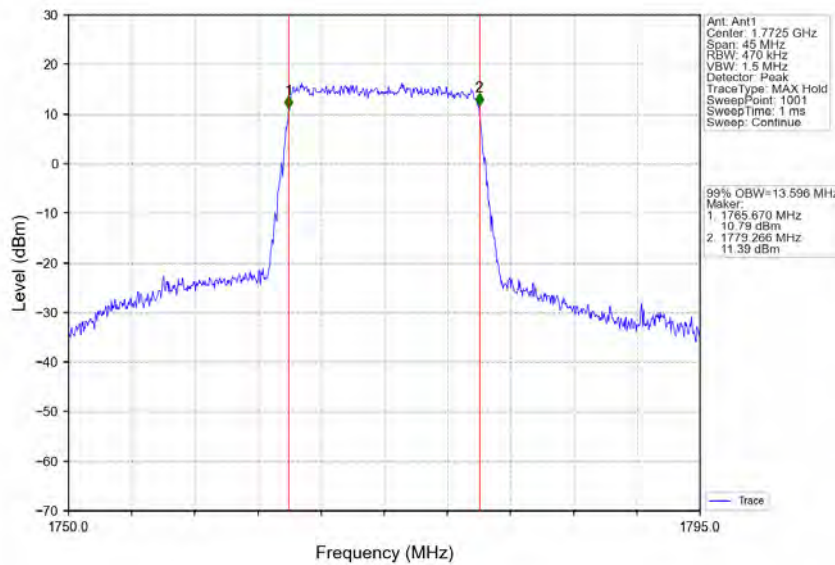
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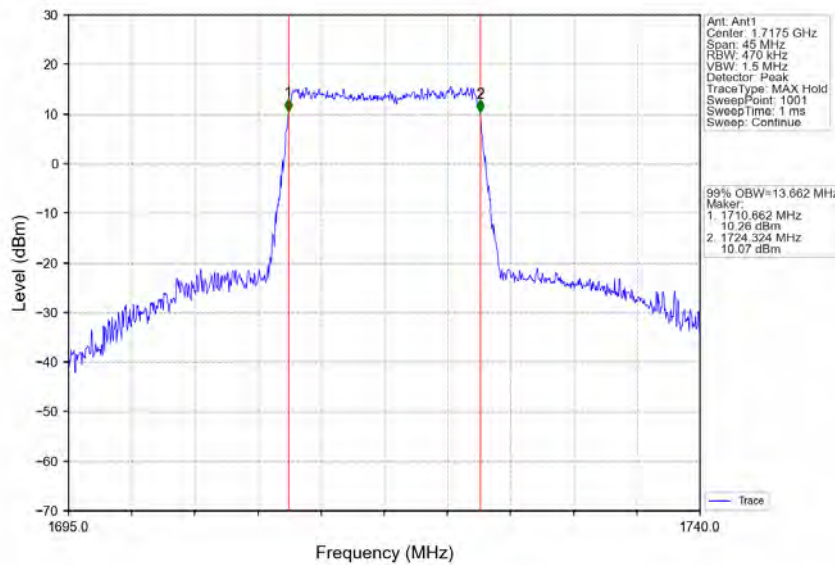
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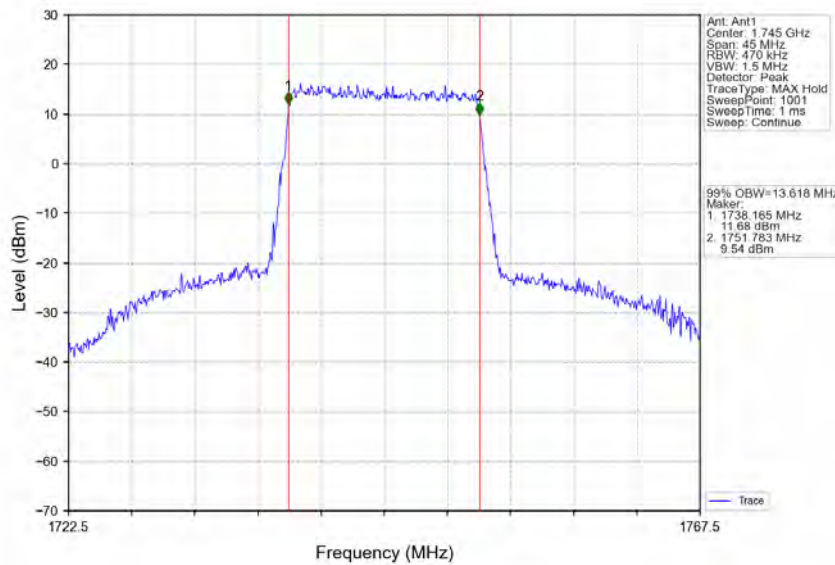
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Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



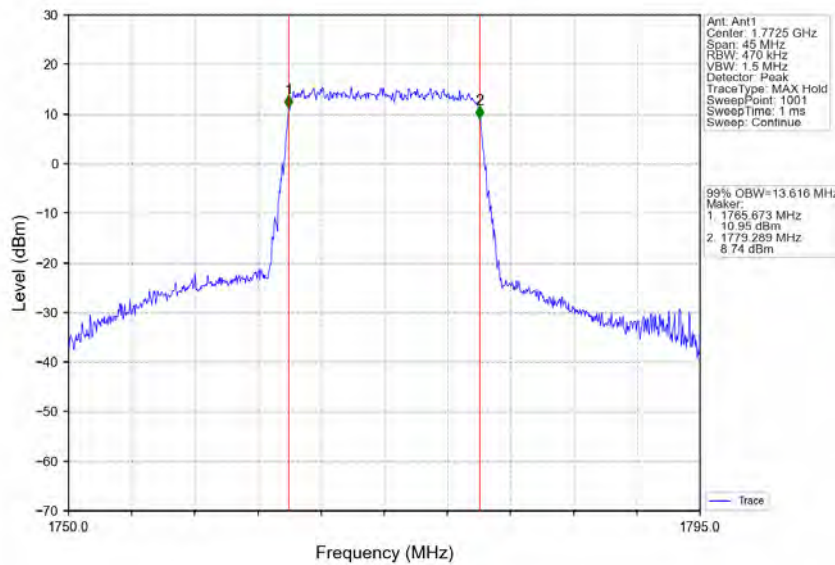
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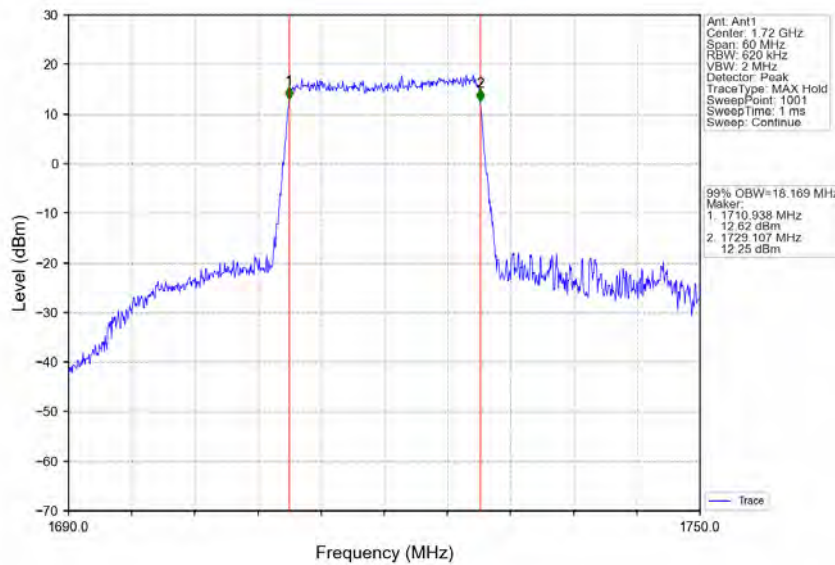
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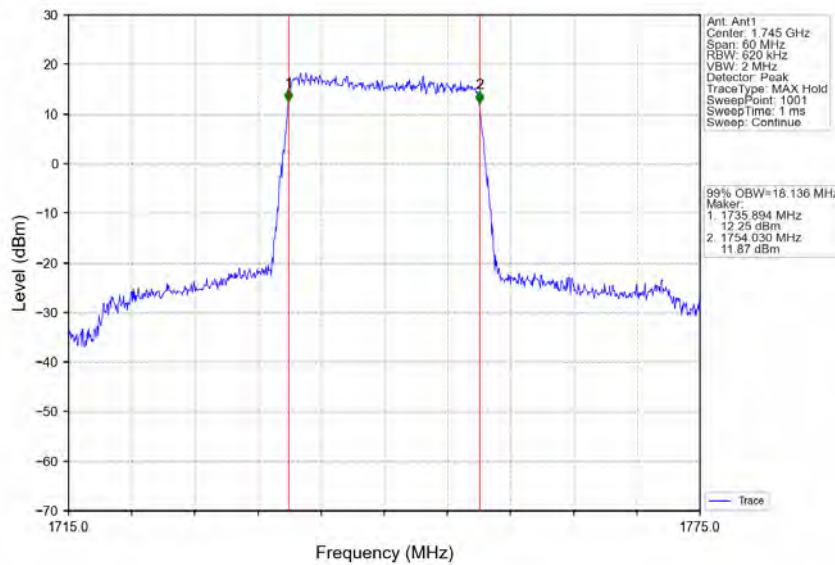
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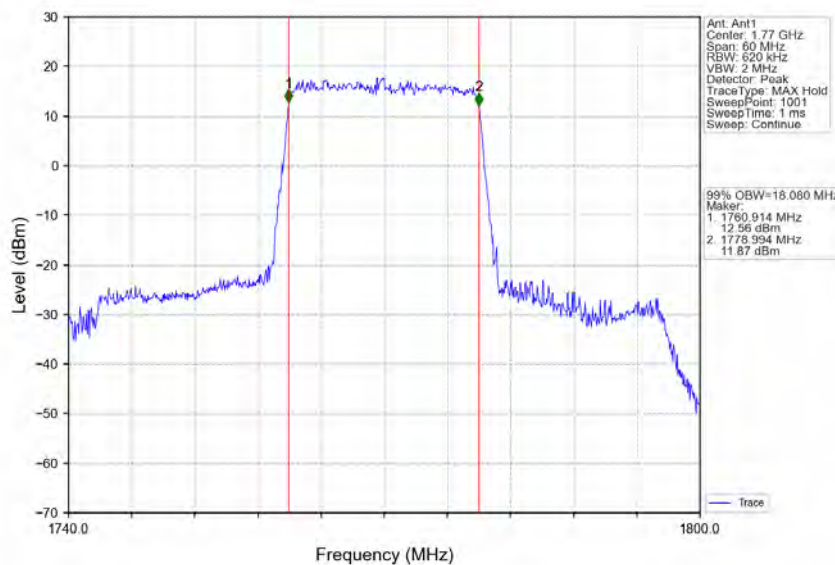
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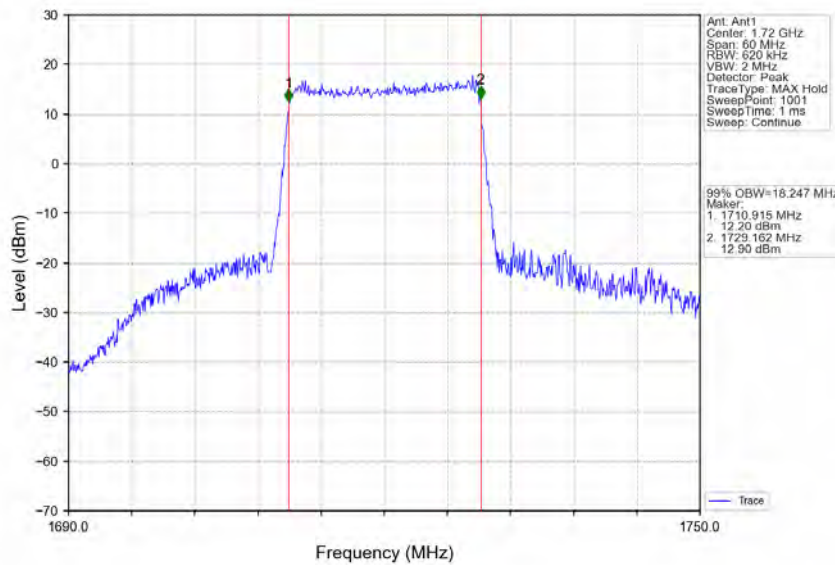
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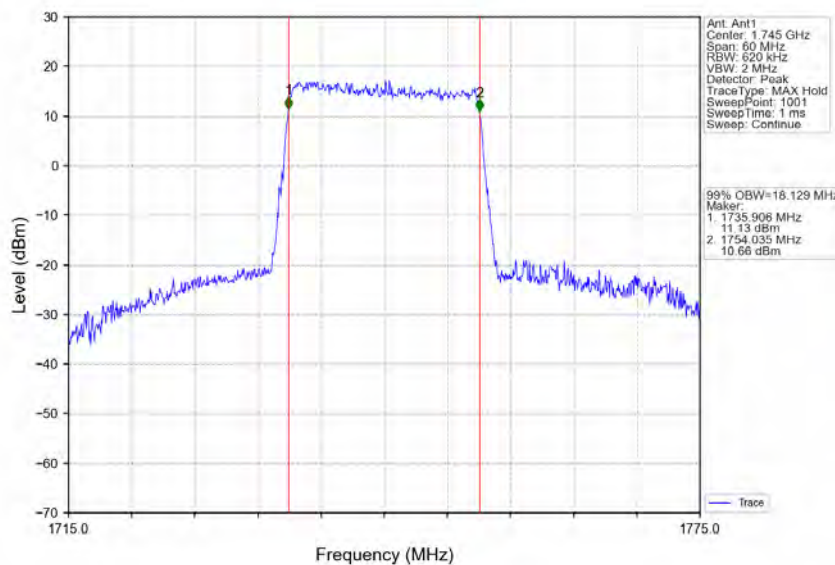
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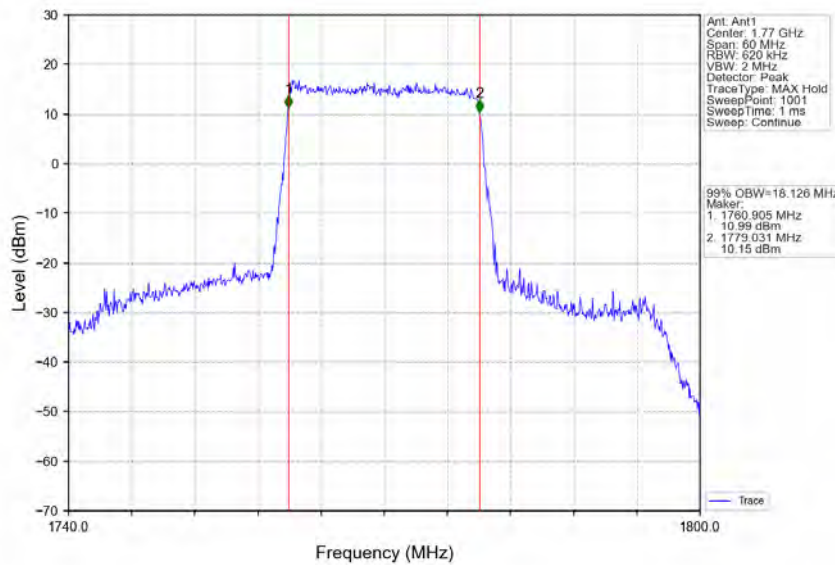
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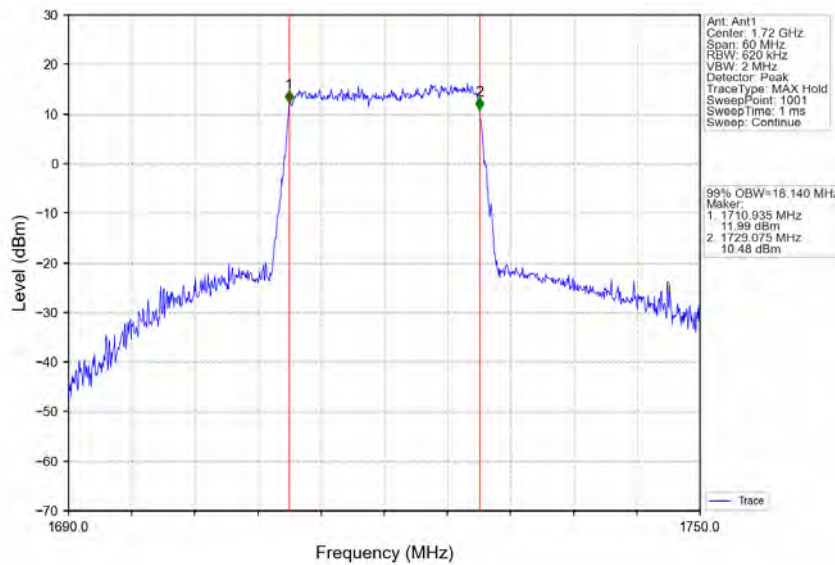
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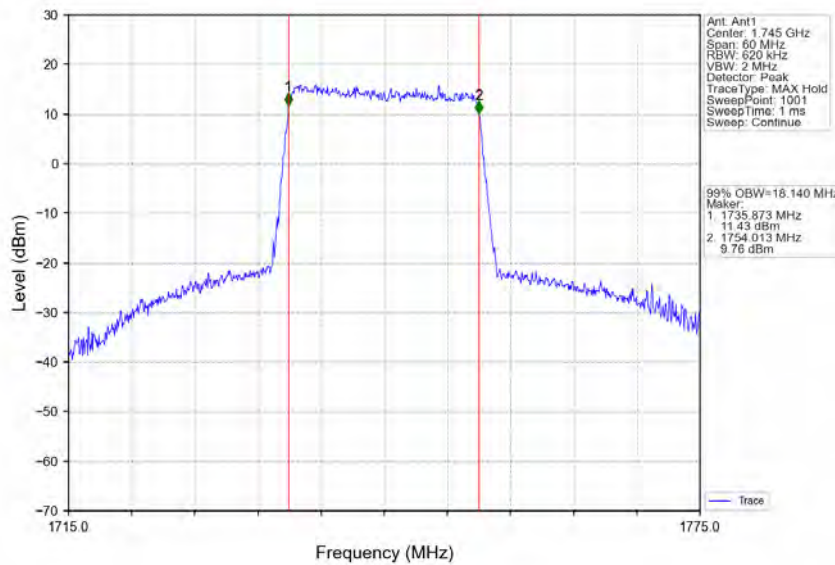
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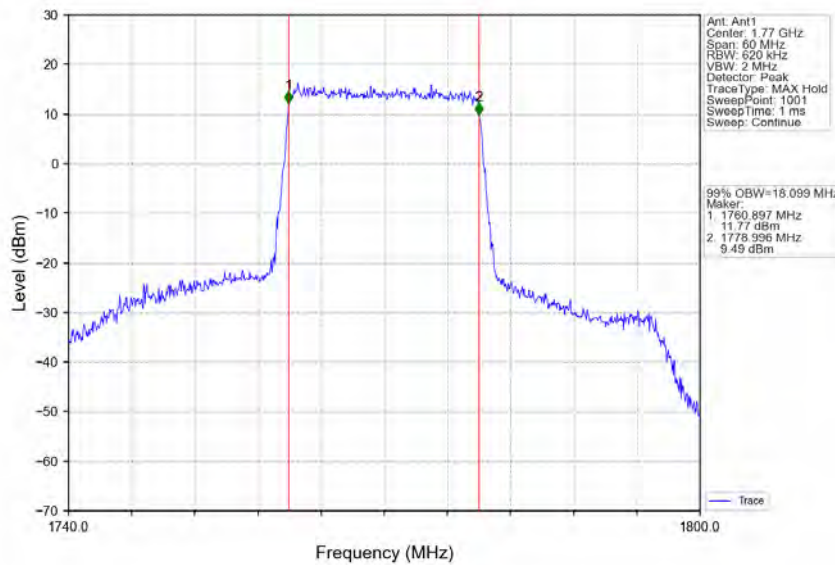
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4.2 Band66_XDB

4.2.1 Test Result

Band: 66 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.304	Pass
		1745	6	0	1.308	Pass
		1779.3	6	0	1.297	Pass
	16QAM	1710.7	6	0	1.292	Pass
		1745	6	0	1.319	Pass
		1779.3	6	0	1.308	Pass
	64QAM	1710.7	6	0	1.344	Pass
		1745	6	0	1.305	Pass
		1779.3	6	0	1.280	Pass
3	QPSK	1711.5	15	0	2.955	Pass
		1745	15	0	2.970	Pass
		1778.5	15	0	2.949	Pass
	16QAM	1711.5	15	0	2.947	Pass
		1745	15	0	2.953	Pass
		1778.5	15	0	2.971	Pass
	64QAM	1711.5	15	0	2.959	Pass
		1745	15	0	2.963	Pass
		1778.5	15	0	2.954	Pass
5	QPSK	1712.5	25	0	5.204	Pass
		1745	25	0	5.255	Pass
		1777.5	25	0	5.239	Pass
	16QAM	1712.5	25	0	5.201	Pass
		1745	25	0	5.294	Pass
		1777.5	25	0	5.215	Pass
	64QAM	1712.5	25	0	5.266	Pass
		1745	25	0	5.220	Pass
		1777.5	25	0	5.230	Pass
10	QPSK	1715	50	0	10.182	Pass
		1745	50	0	10.182	Pass
		1775	50	0	10.156	Pass
	16QAM	1715	50	0	10.177	Pass
		1745	50	0	10.255	Pass
		1775	50	0	10.267	Pass
	64QAM	1715	50	0	10.100	Pass
		1745	50	0	10.223	Pass
		1775	50	0	10.275	Pass
15	QPSK	1717.5	75	0	15.258	Pass
		1745	75	0	15.149	Pass
		1772.5	75	0	15.136	Pass
	16QAM	1717.5	75	0	15.374	Pass
		1745	75	0	15.346	Pass
		1772.5	75	0	15.201	Pass
	64QAM	1717.5	75	0	15.357	Pass
		1745	75	0	15.225	Pass



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		1772.5	75	0	15.227	Pass
20	QPSK	1720	100	0	19.995	Pass
		1745	100	0	20.052	Pass
		1770	100	0	20.106	Pass
	16QAM	1720	100	0	19.934	Pass
		1745	100	0	20.096	Pass
		1770	100	0	20.118	Pass
	64QAM	1720	100	0	20.207	Pass
		1745	100	0	19.995	Pass
		1770	100	0	19.856	Pass



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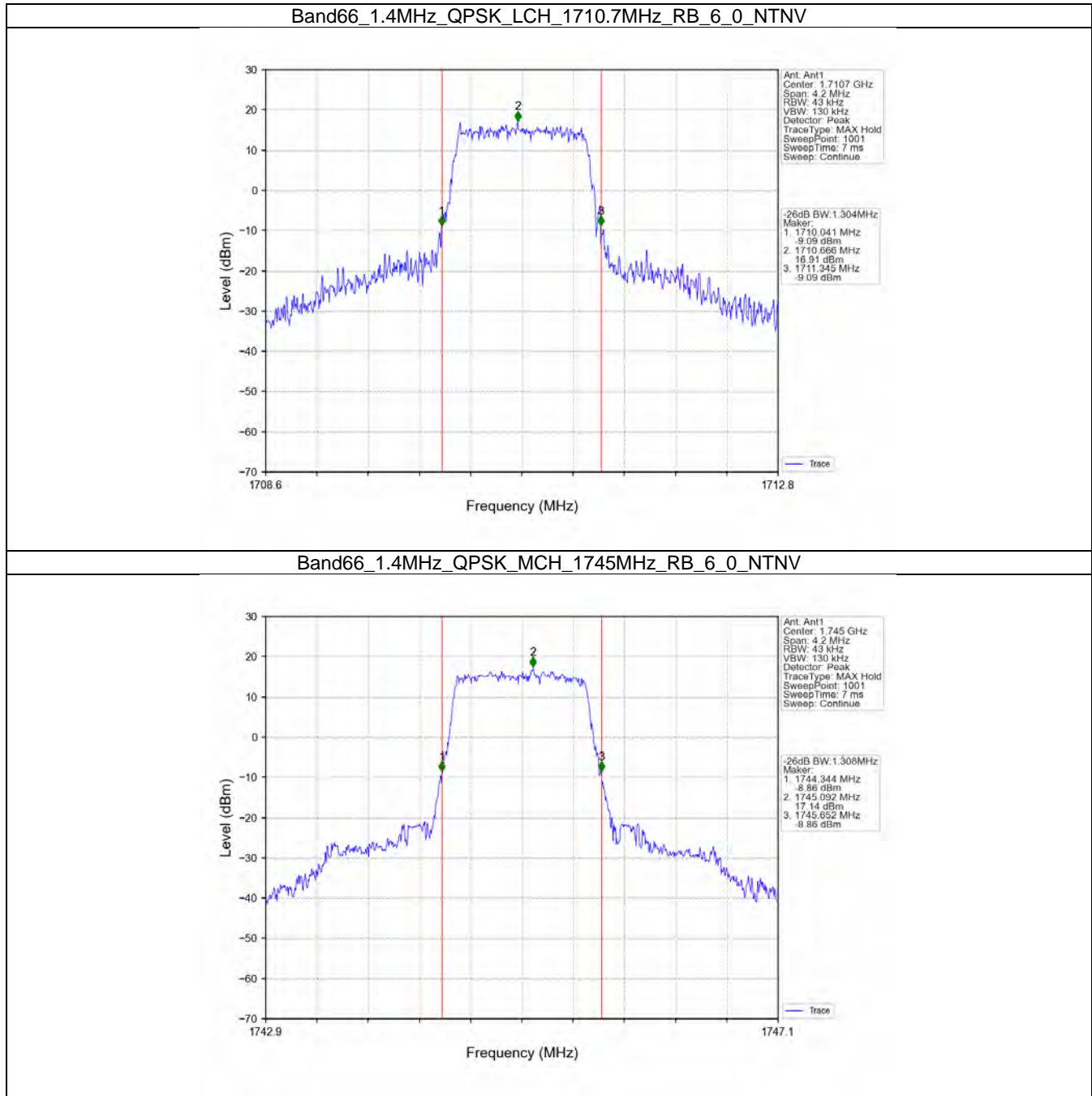
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4.2.2 Test Graph



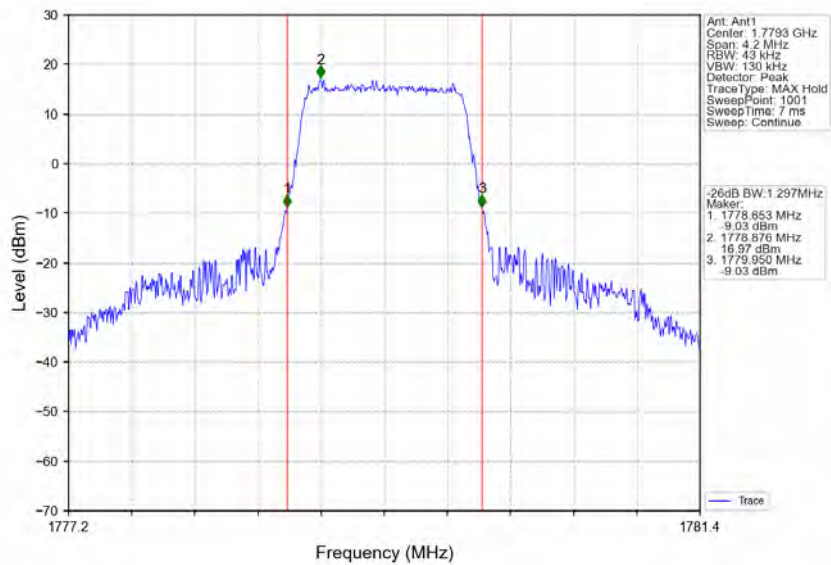
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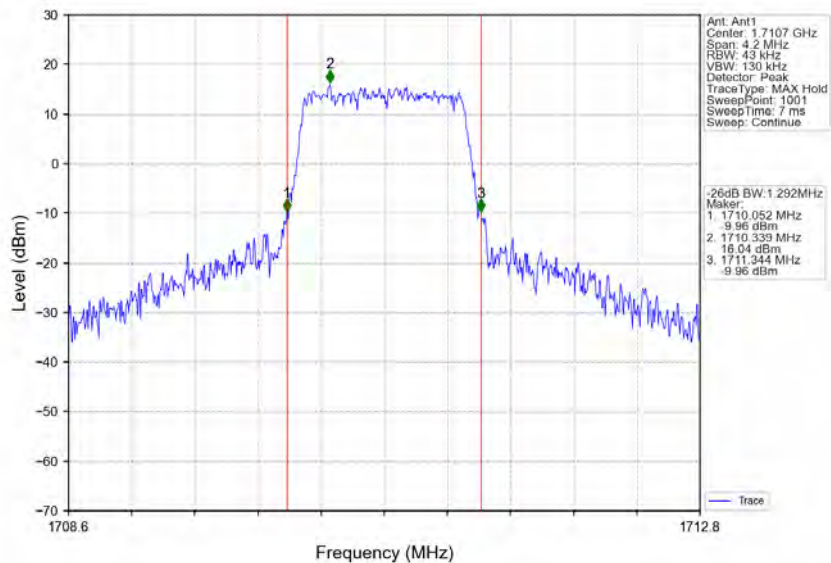
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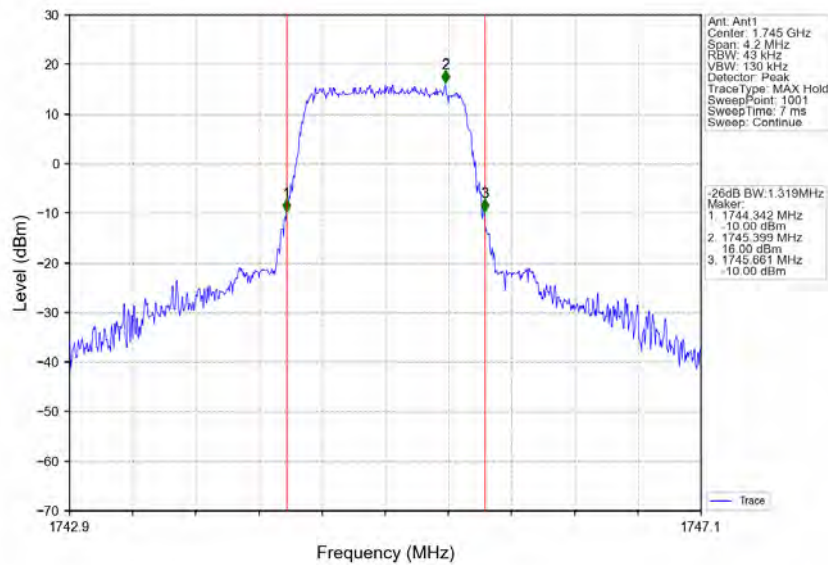
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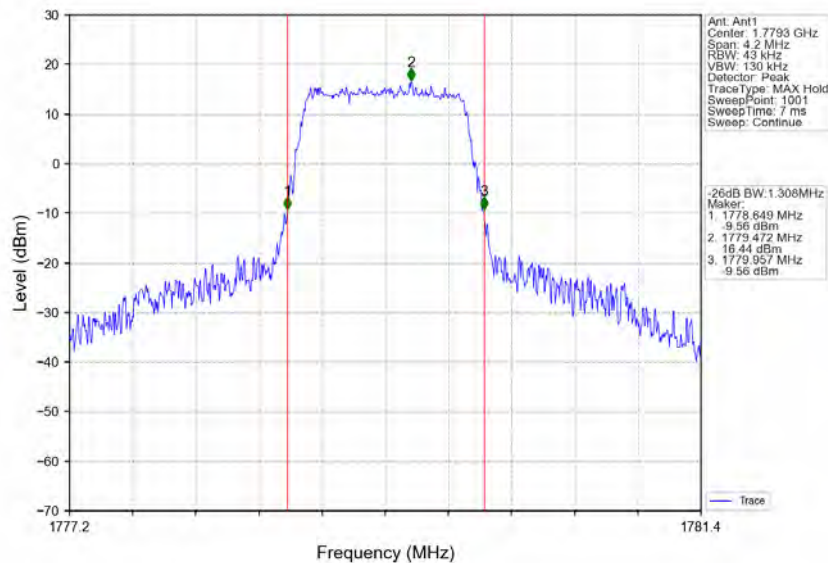
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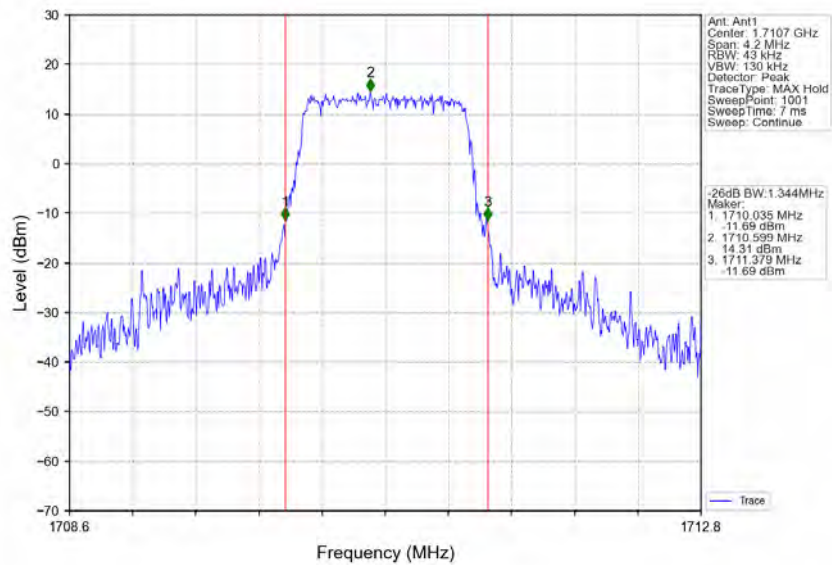
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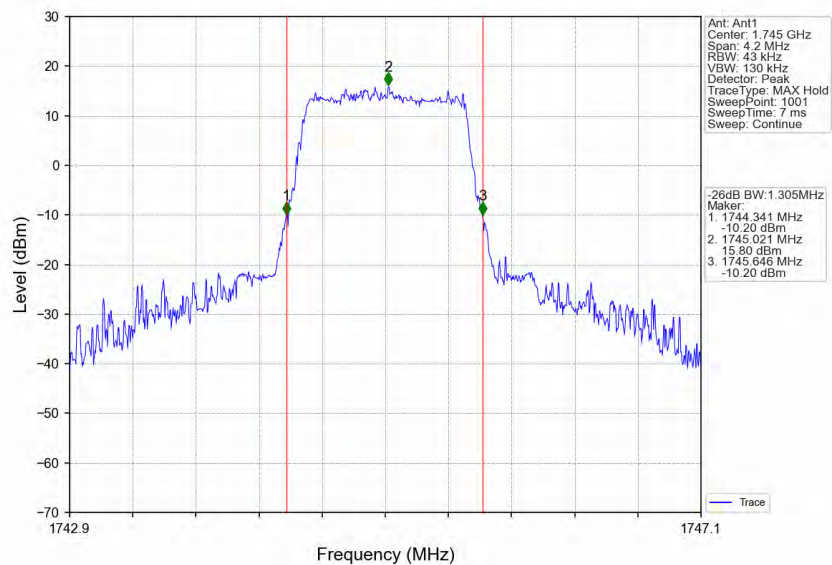
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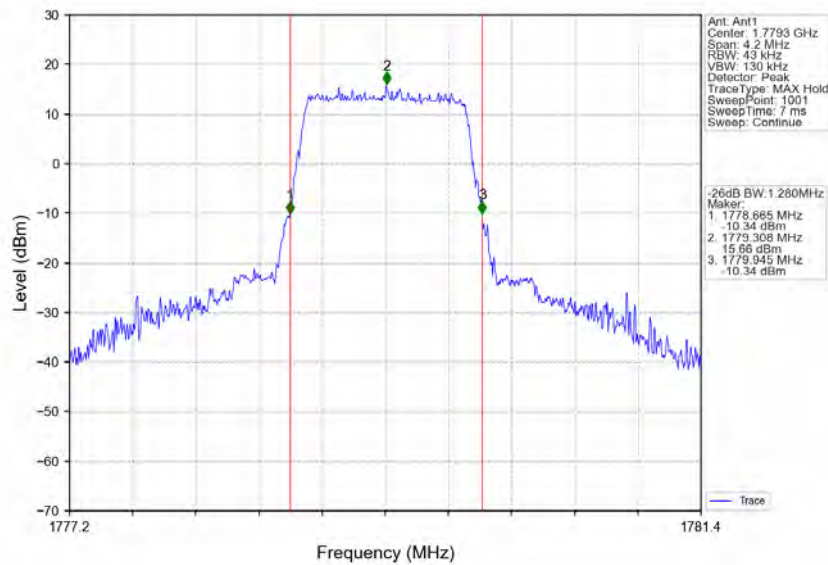
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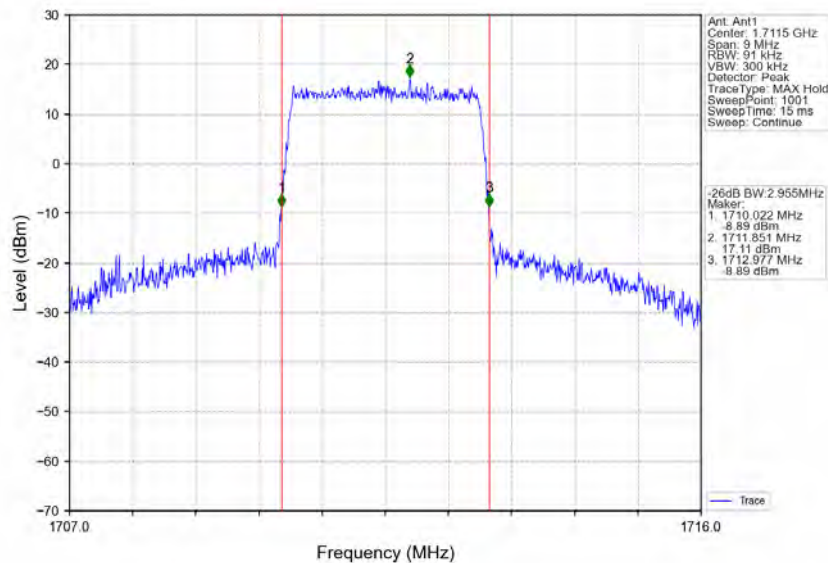
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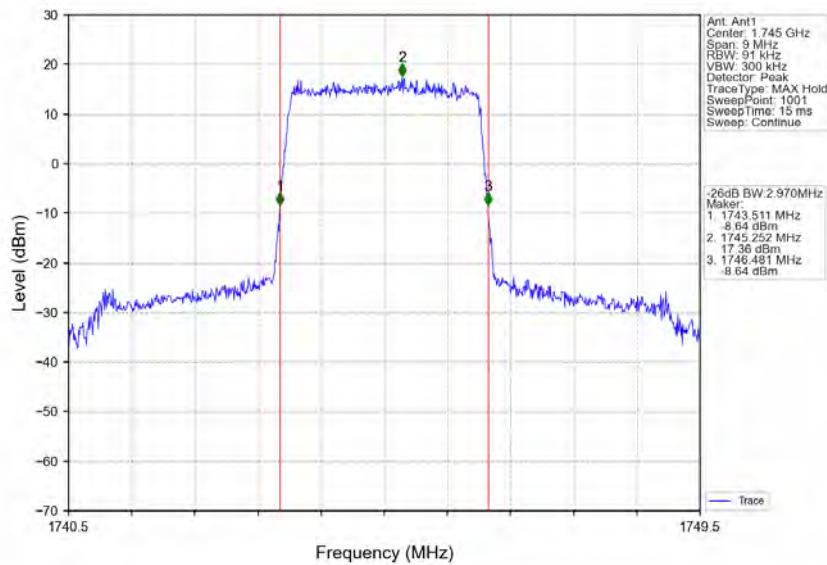
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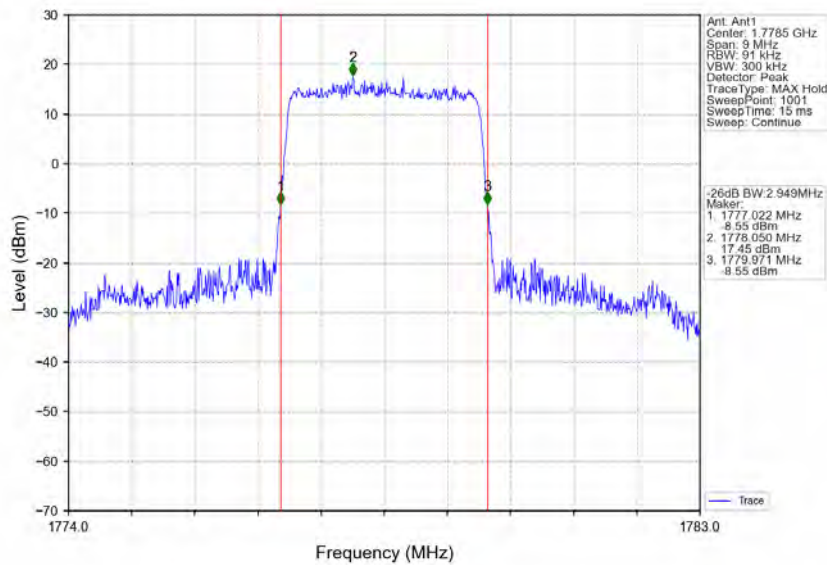
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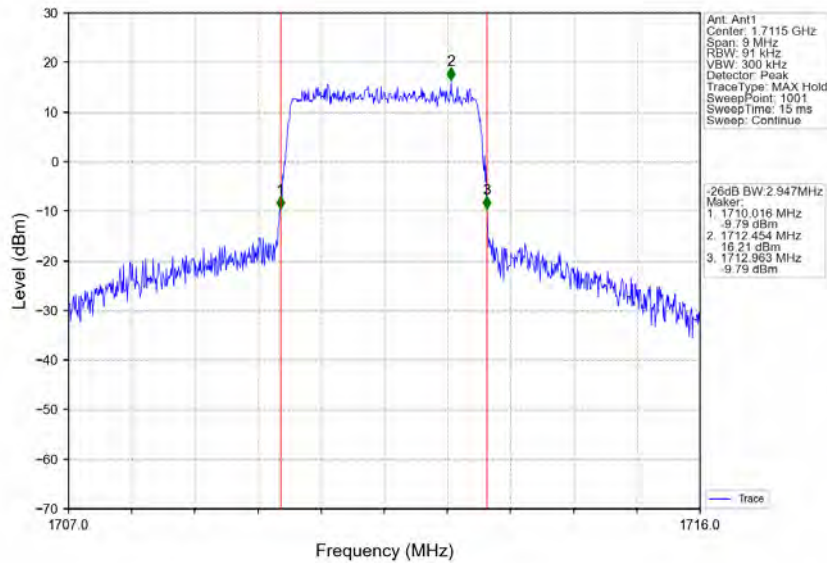
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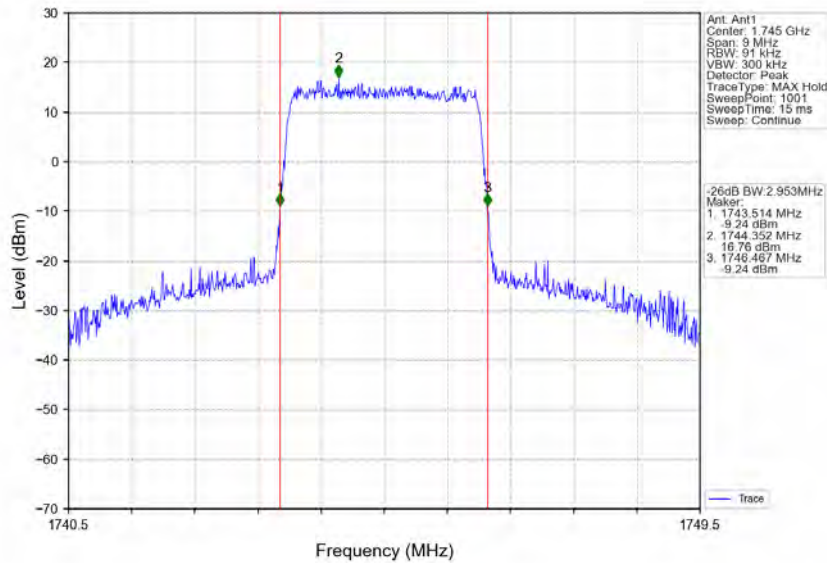
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Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



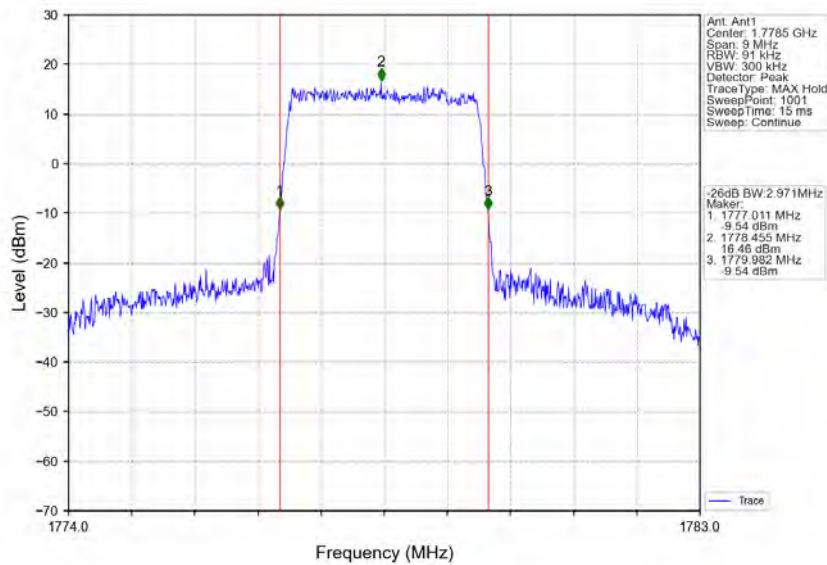
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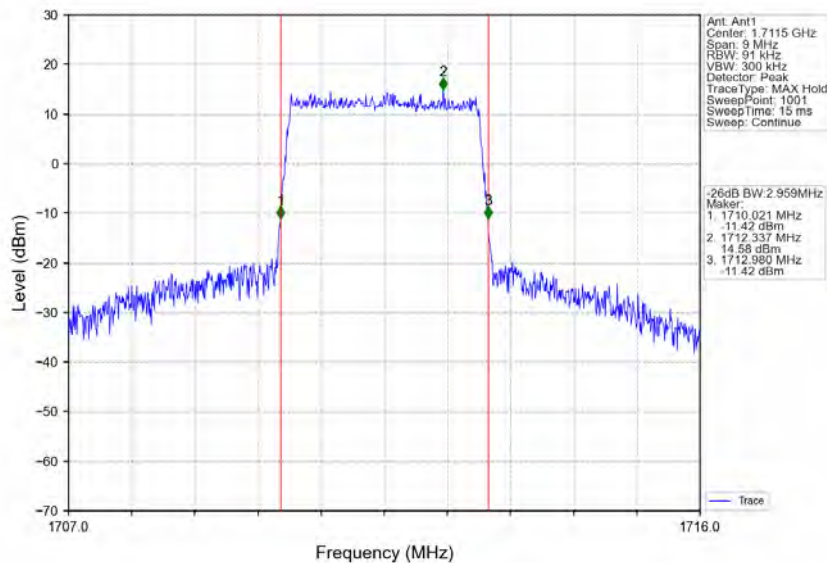
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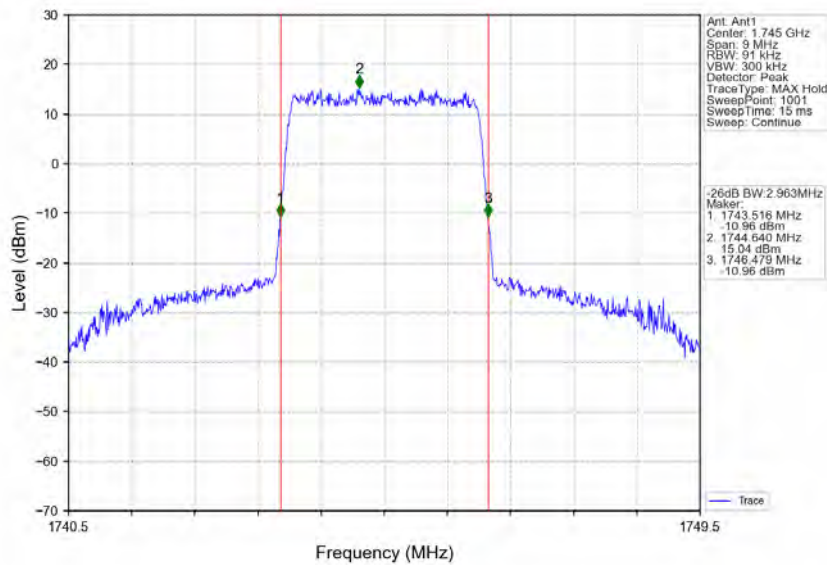
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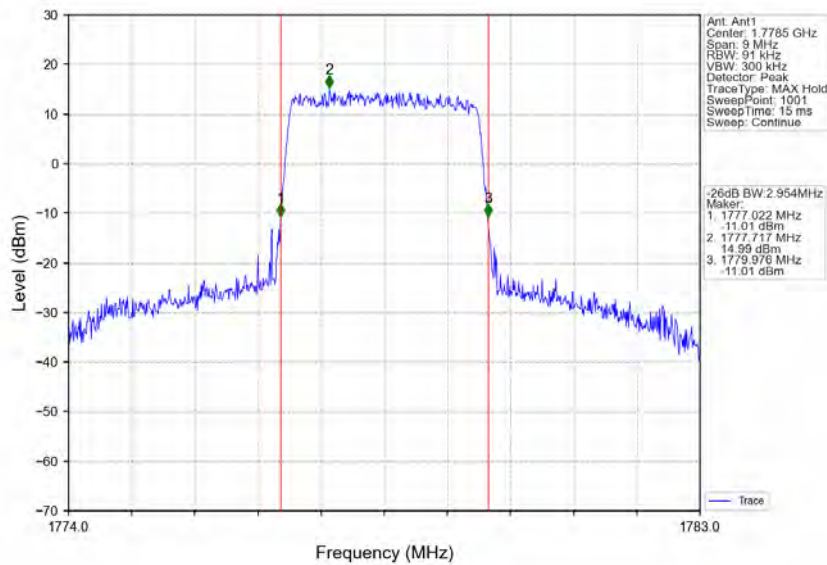
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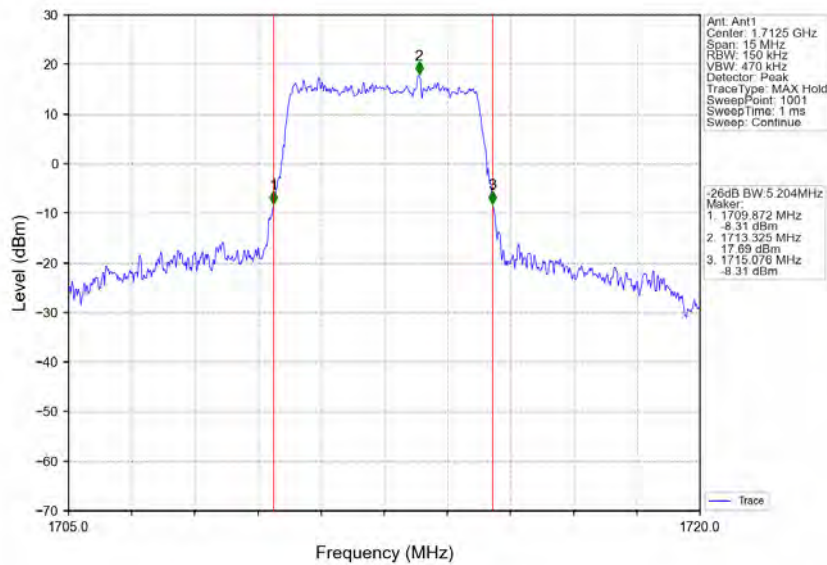
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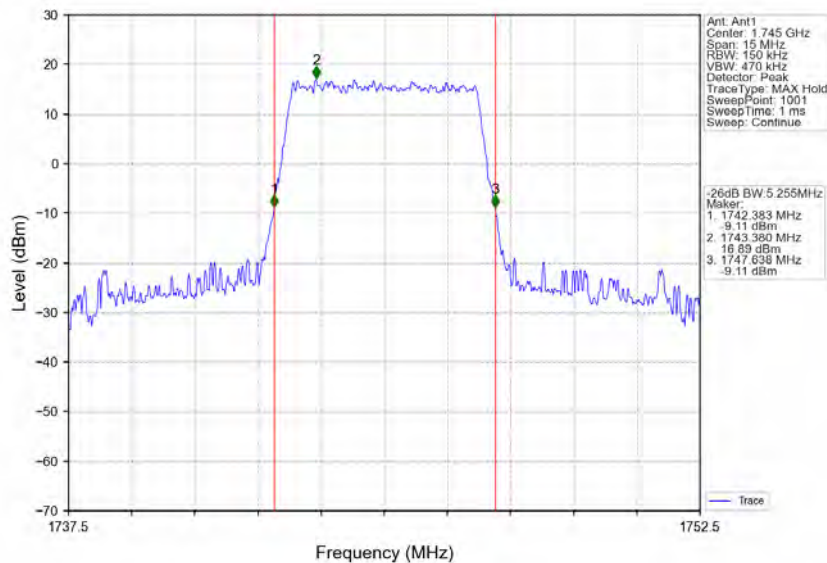
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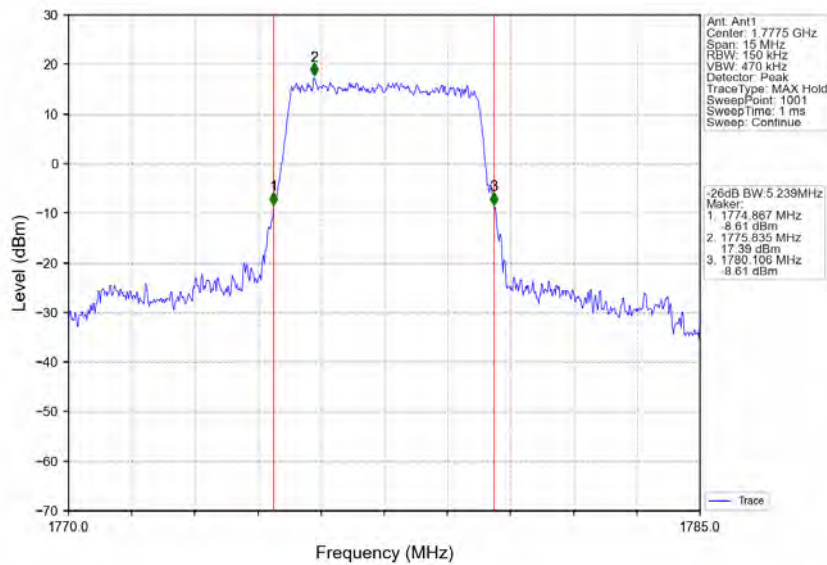
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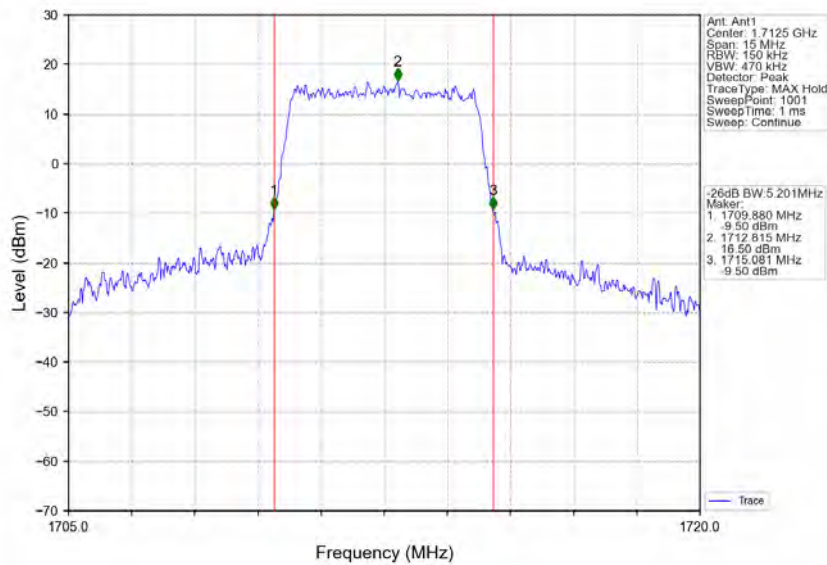
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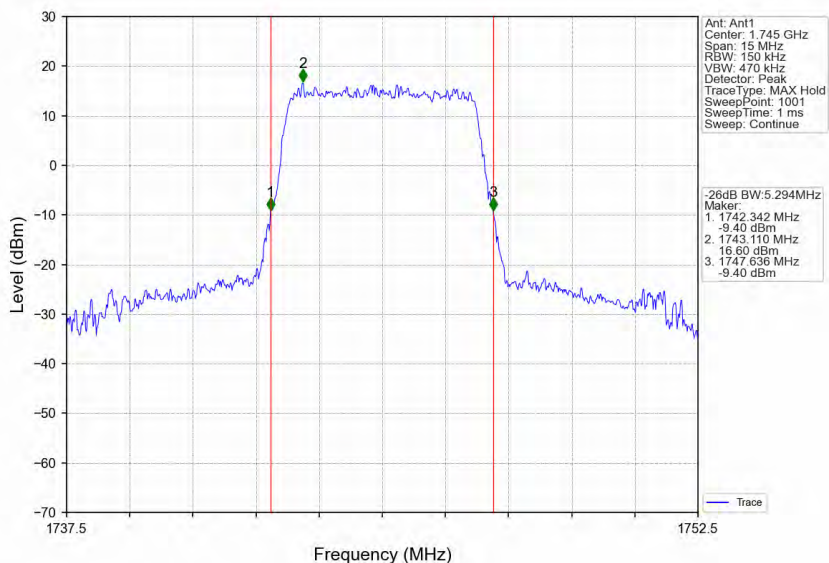
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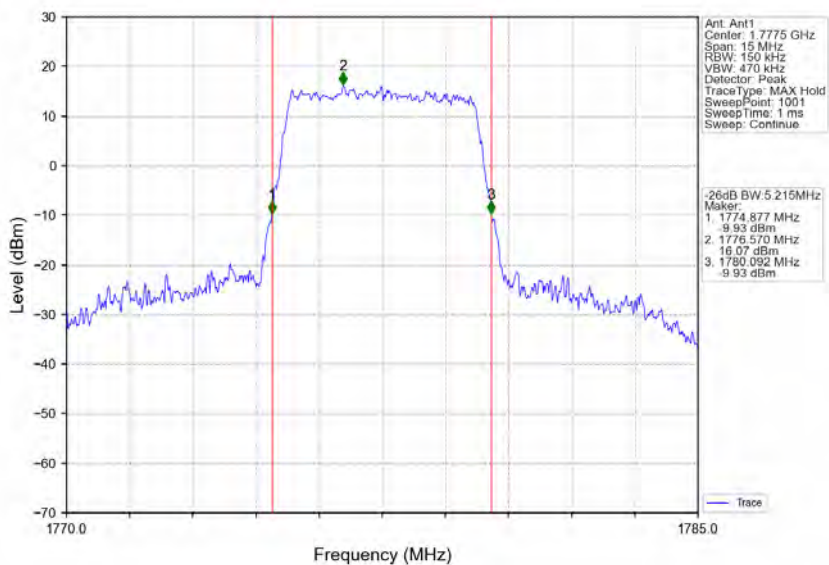
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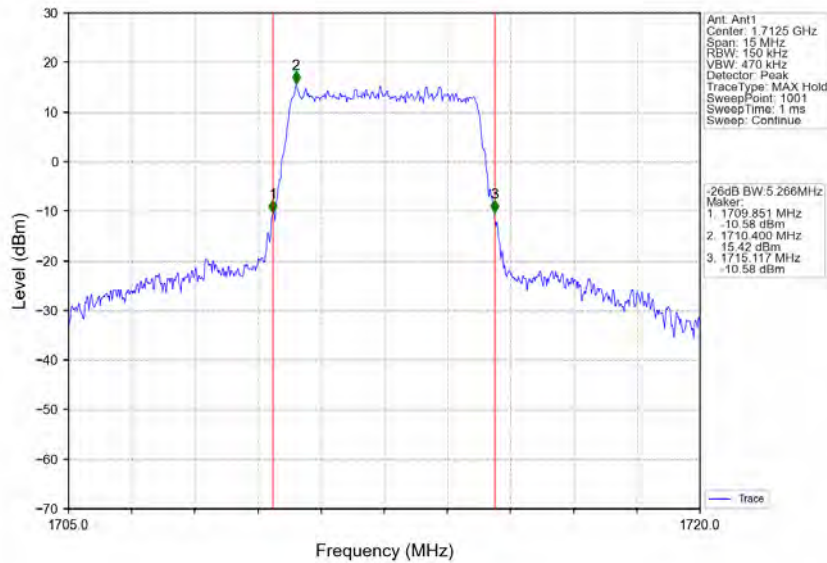
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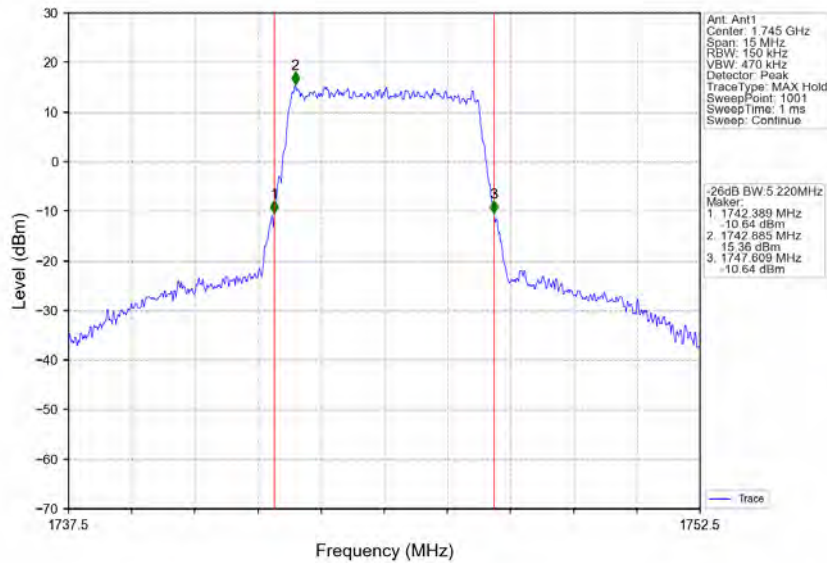
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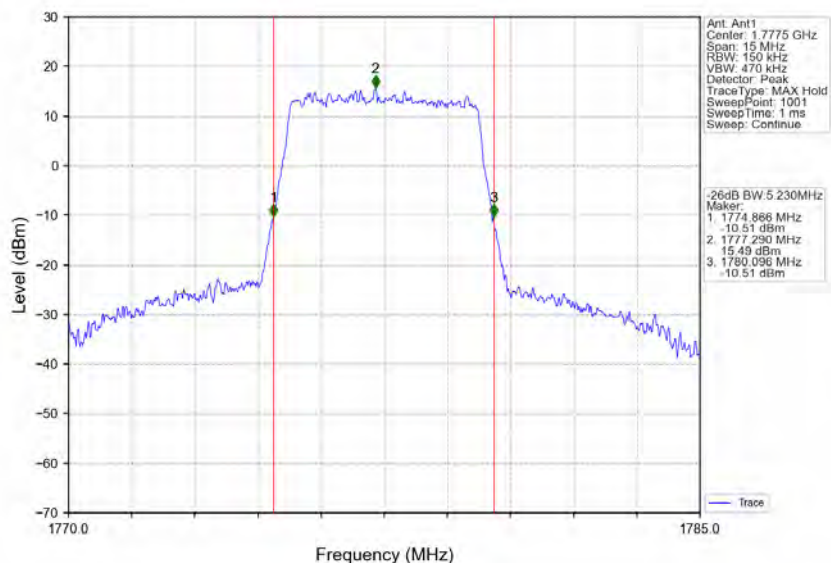
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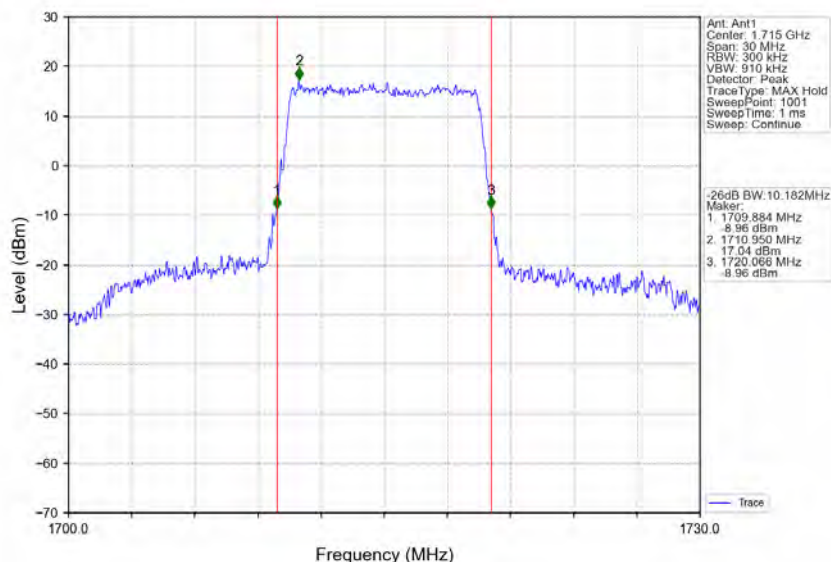
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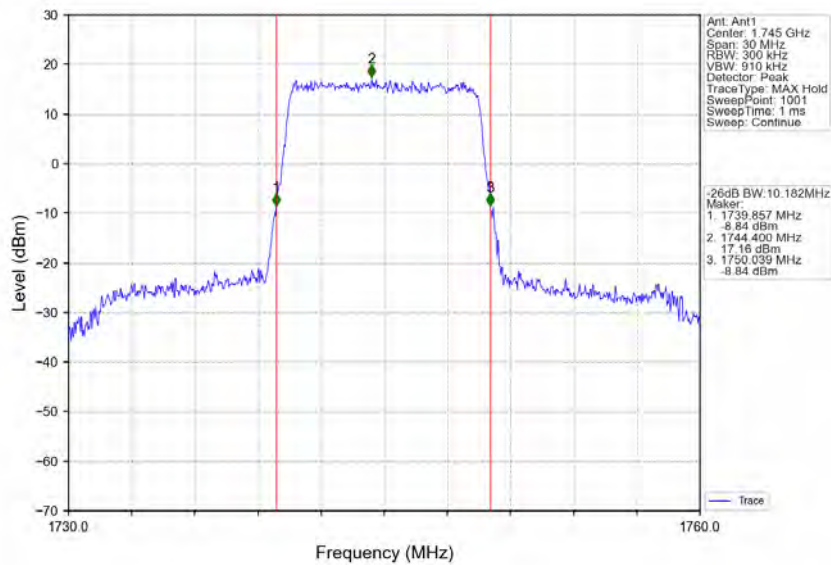
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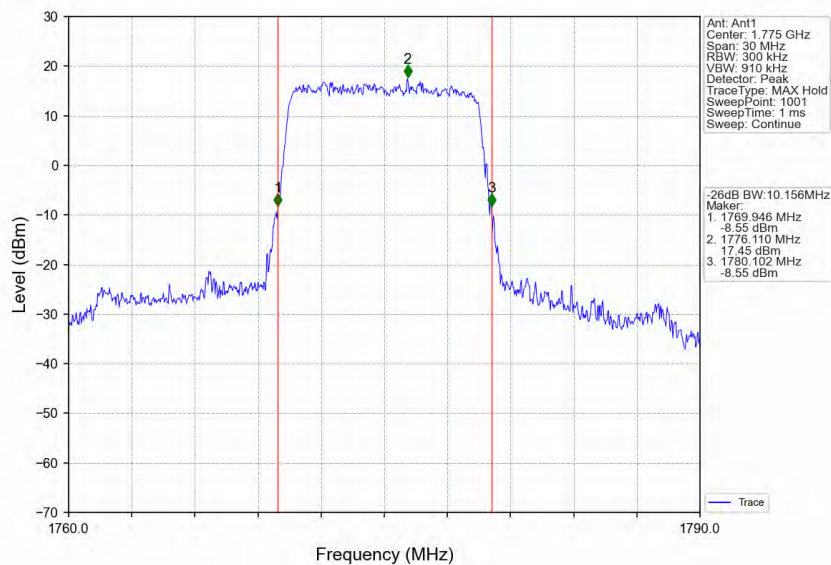
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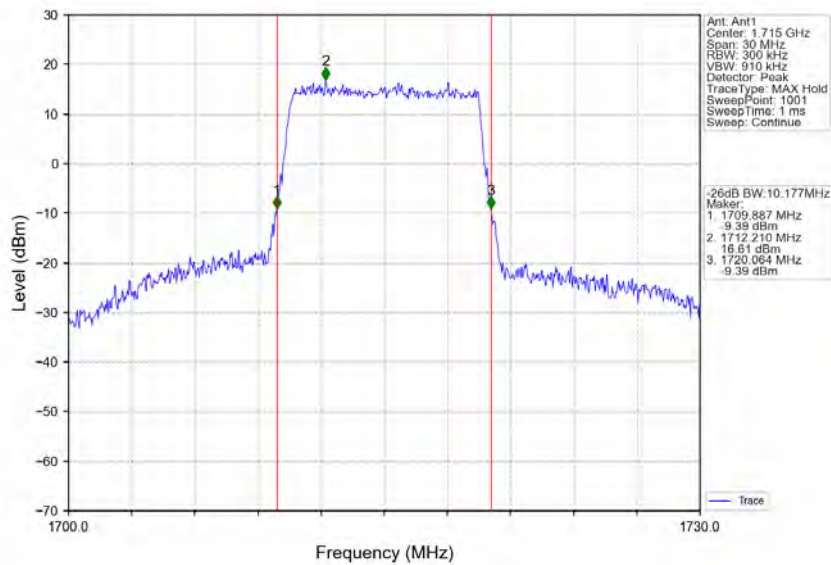


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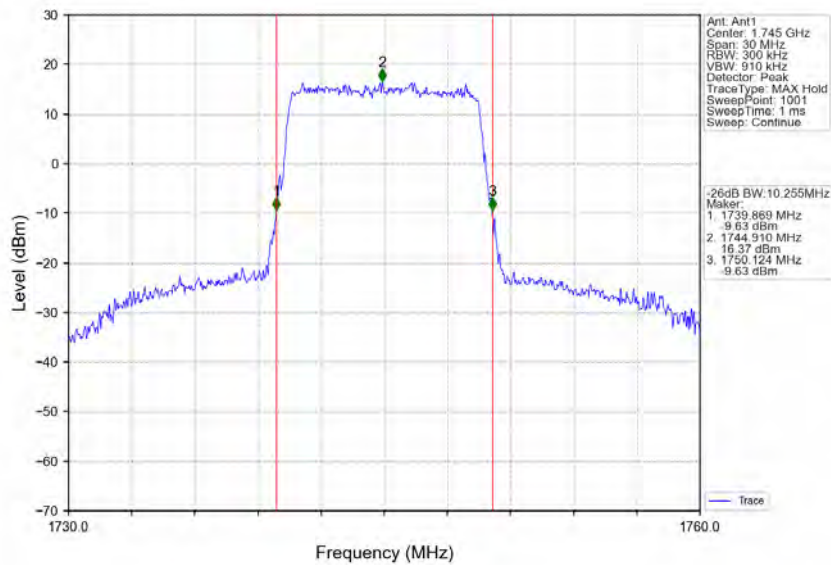
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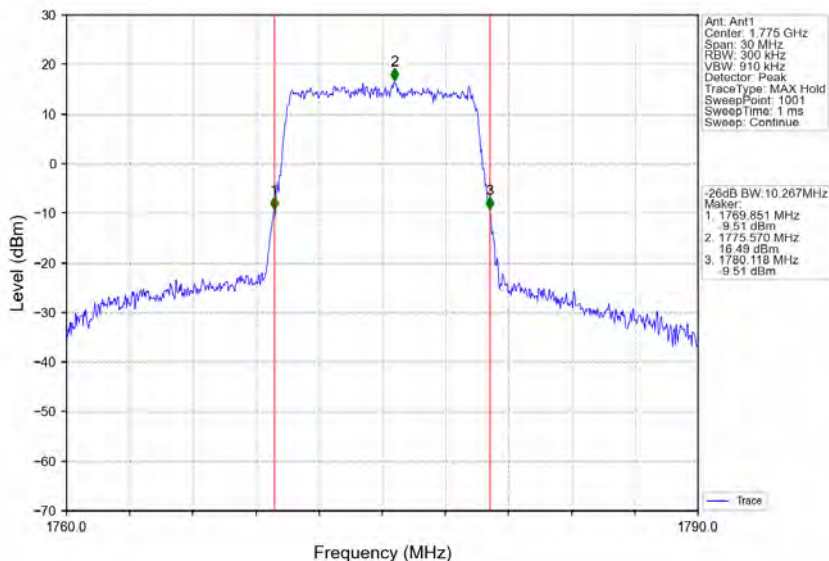
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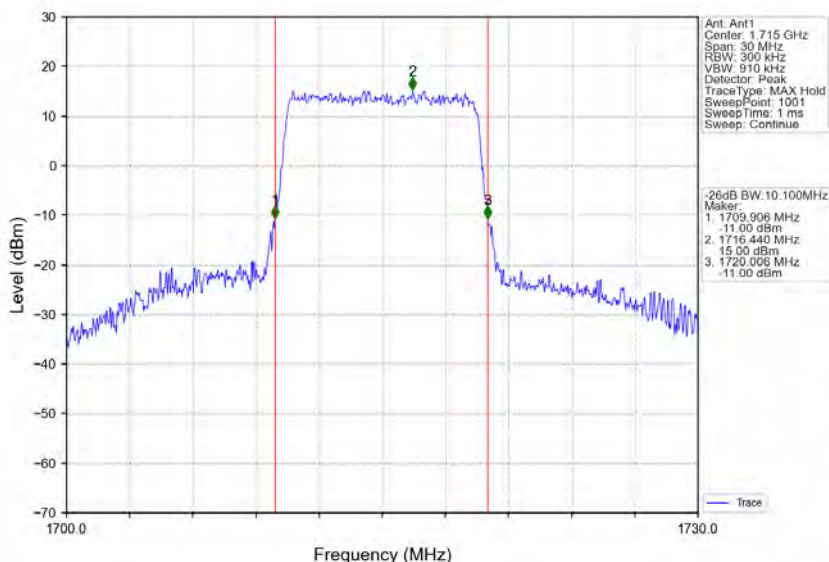
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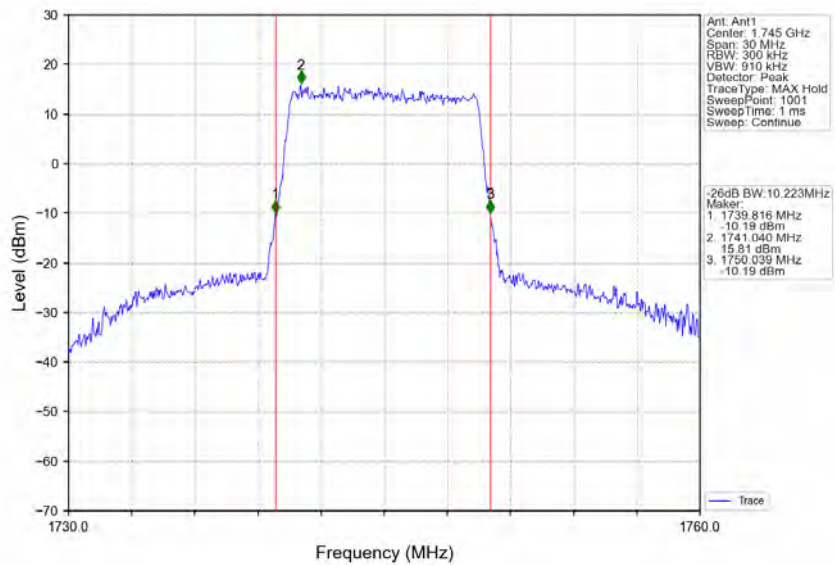
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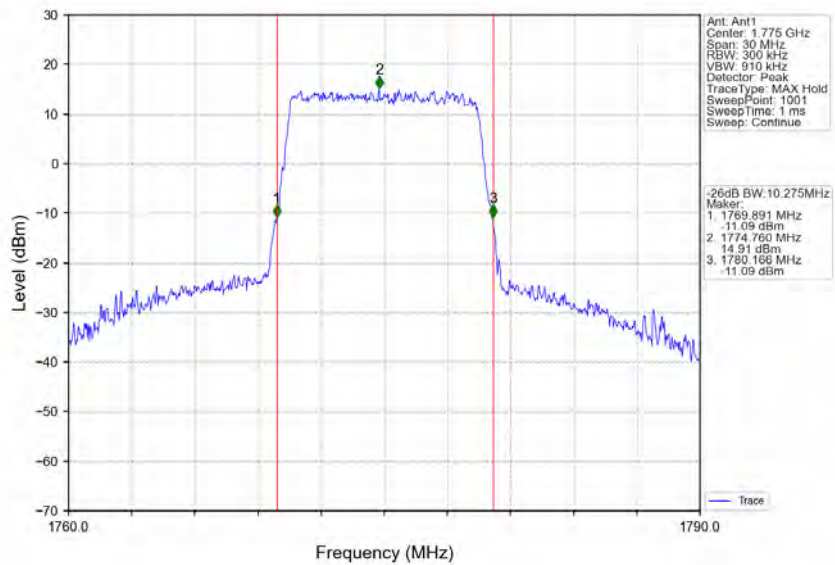
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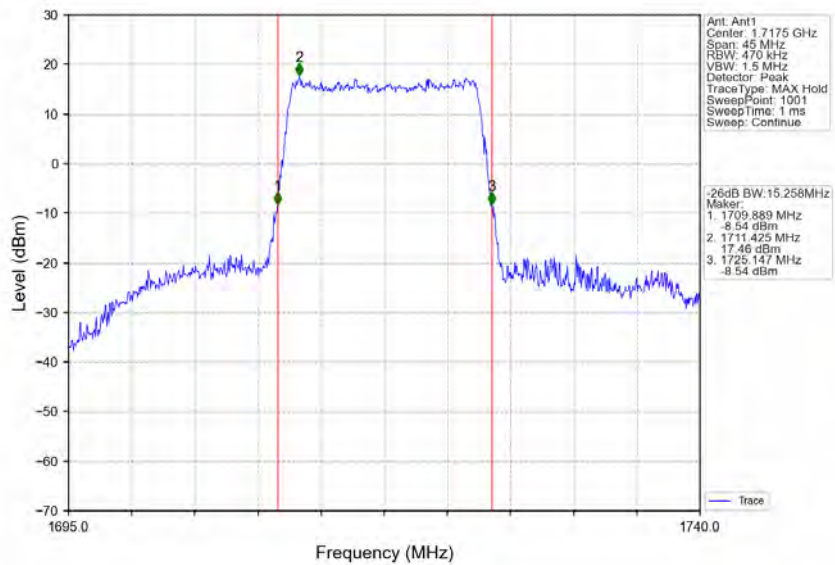
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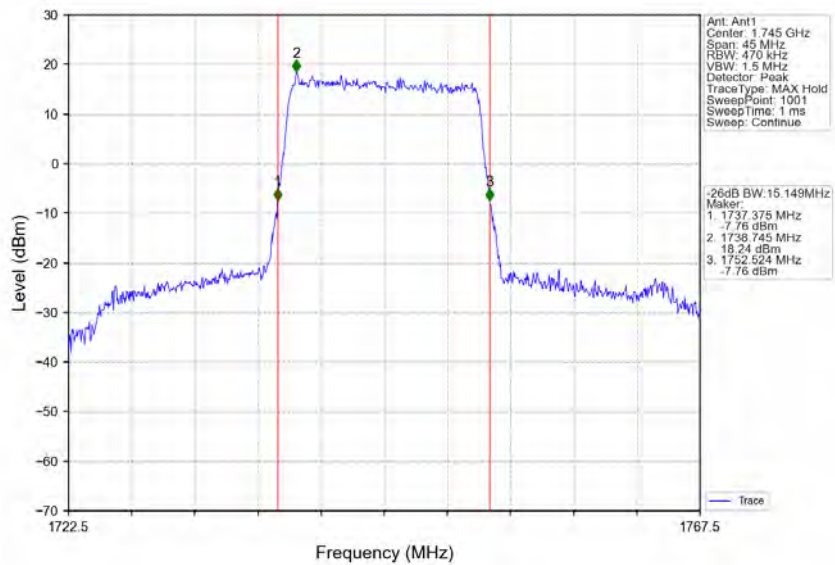
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Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



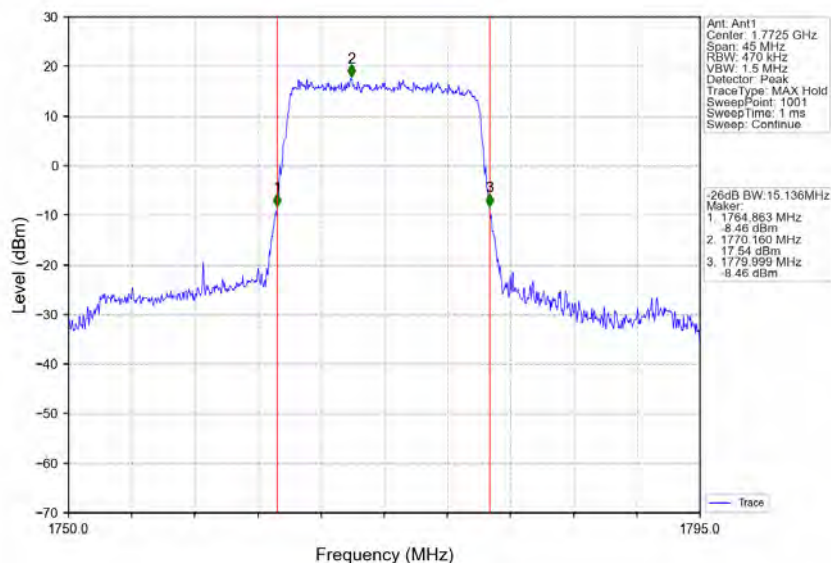
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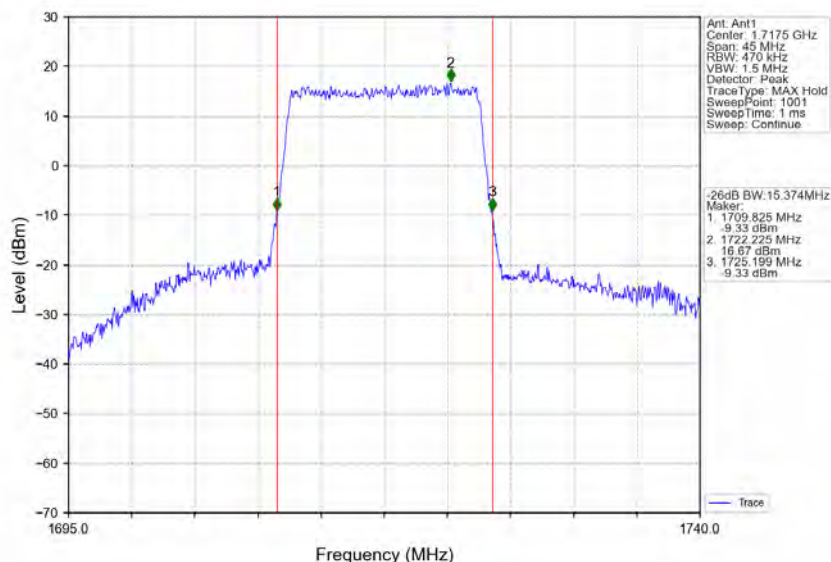
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Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



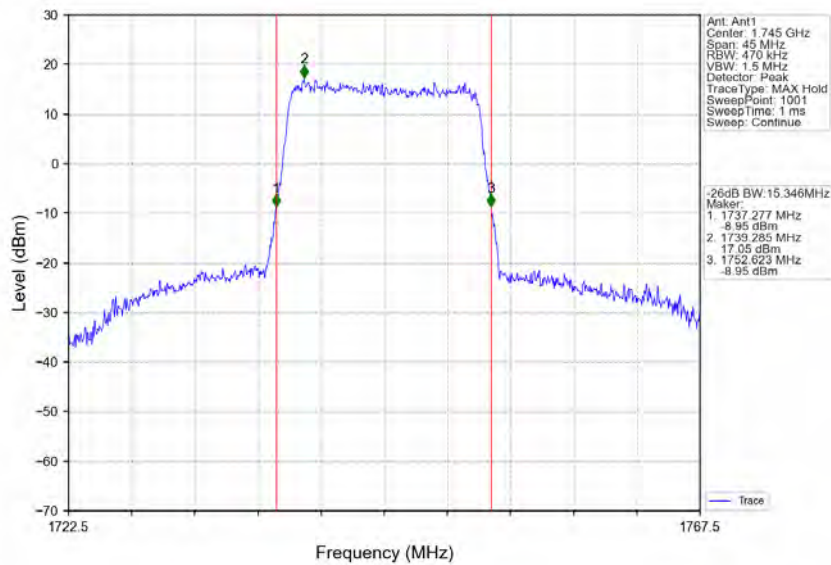
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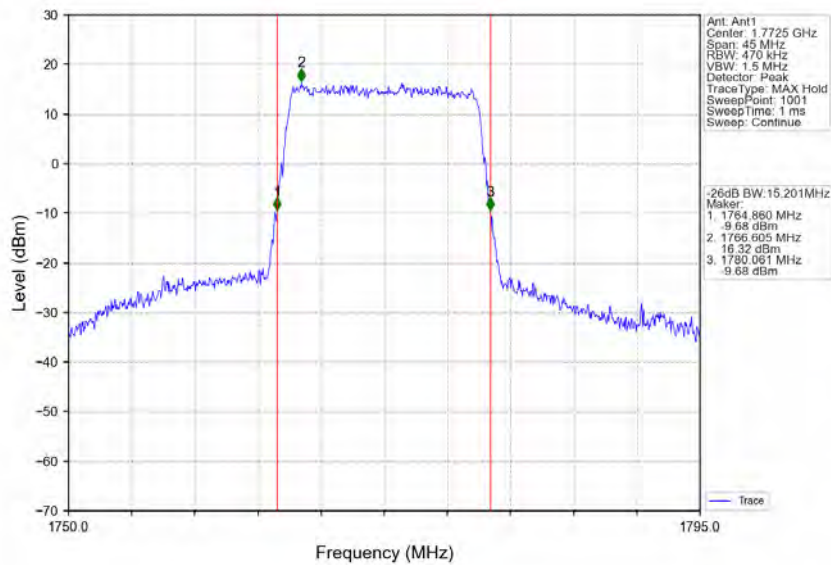
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Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



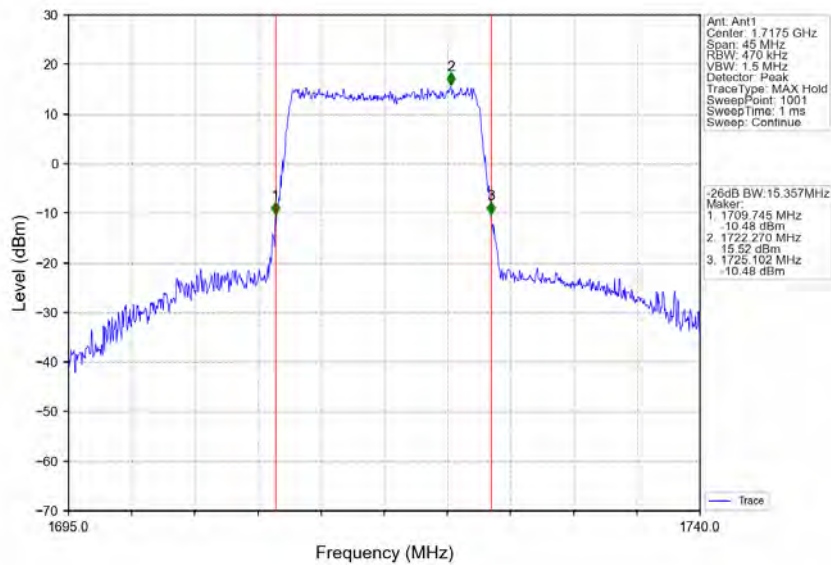
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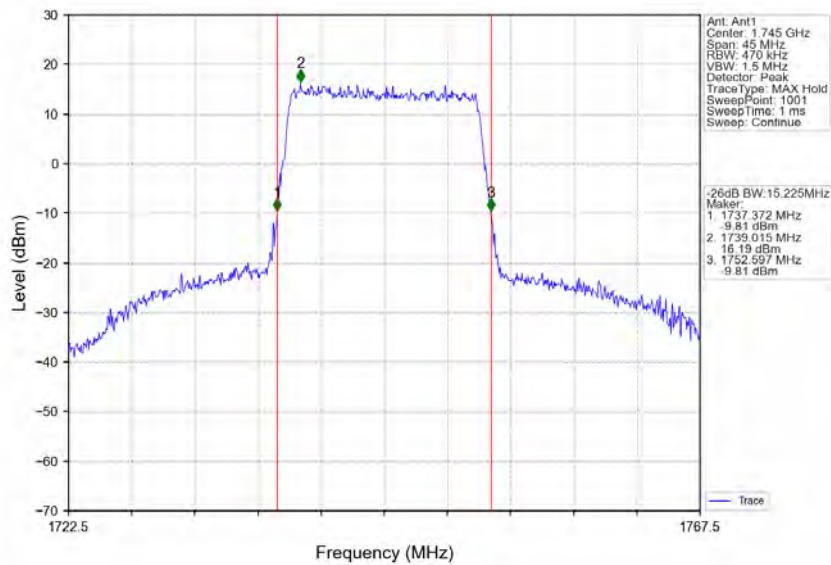
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Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



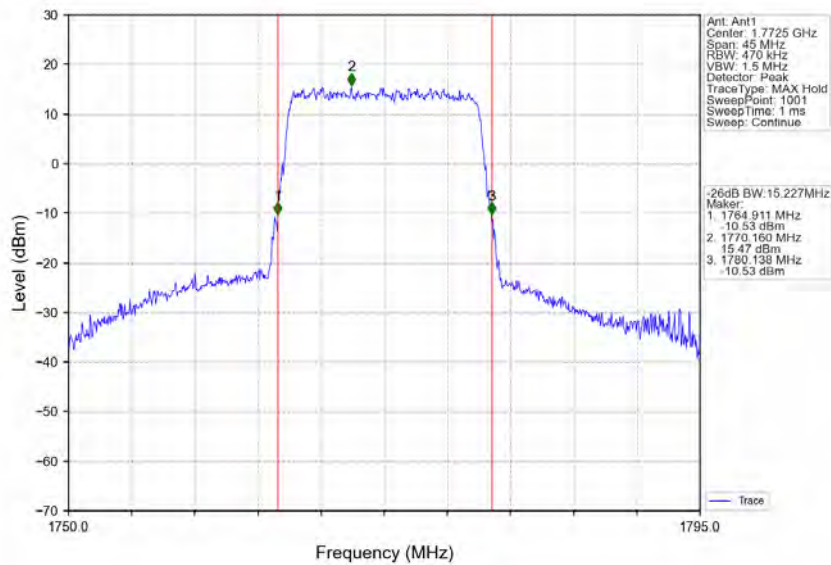
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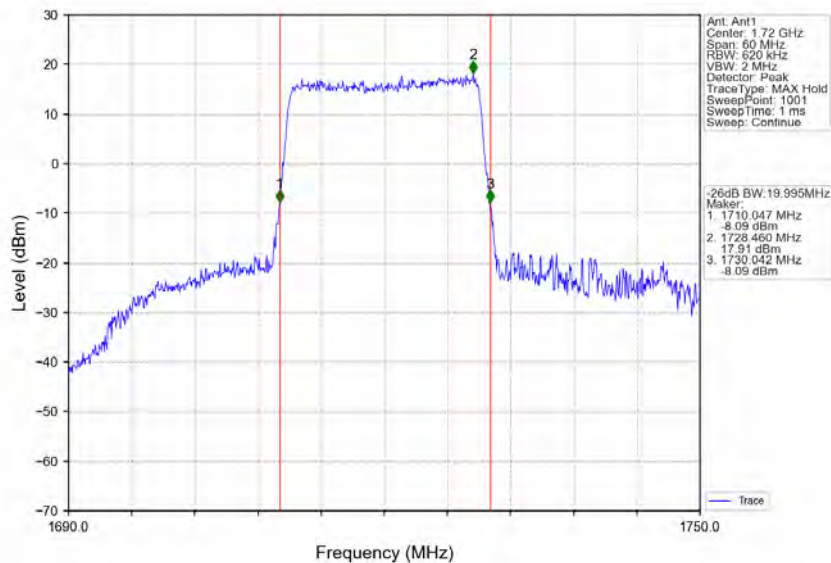
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



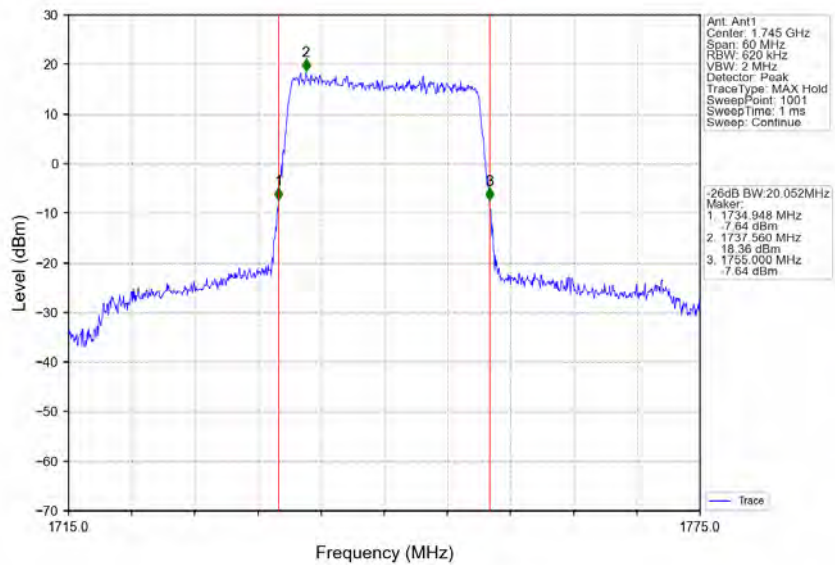
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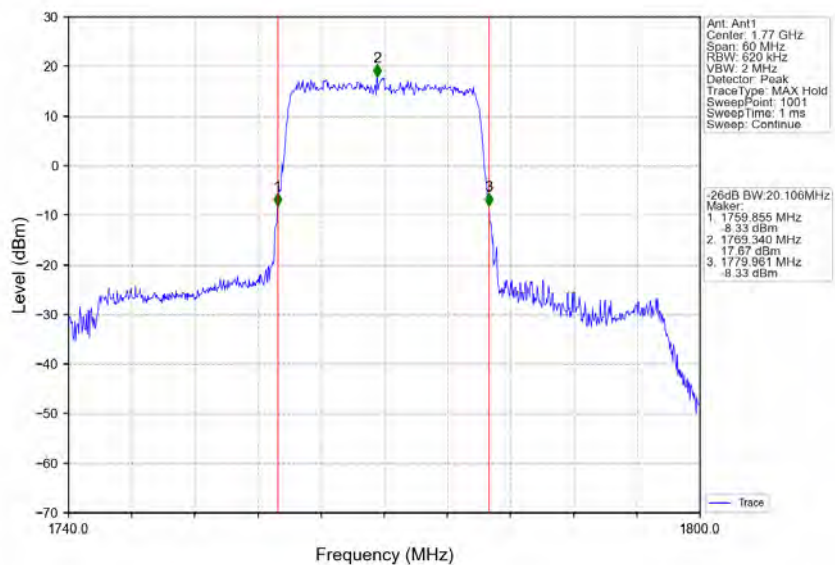
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



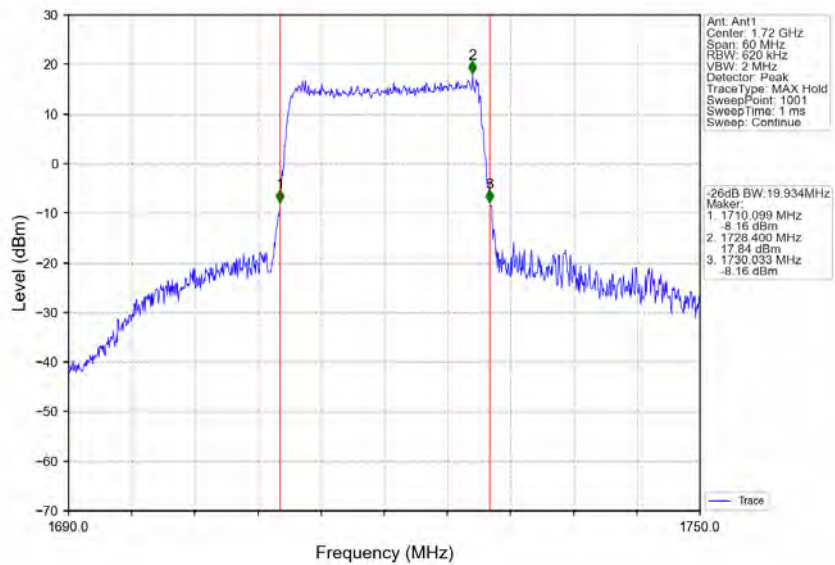
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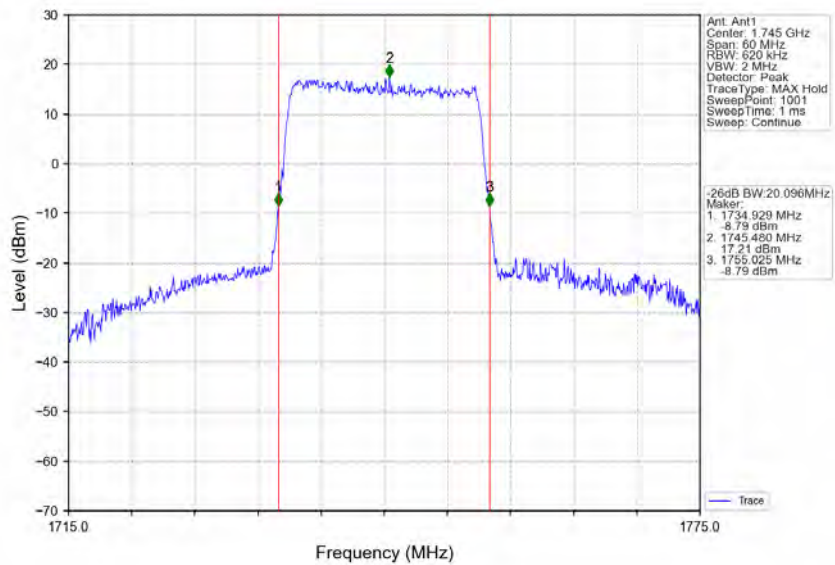
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Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



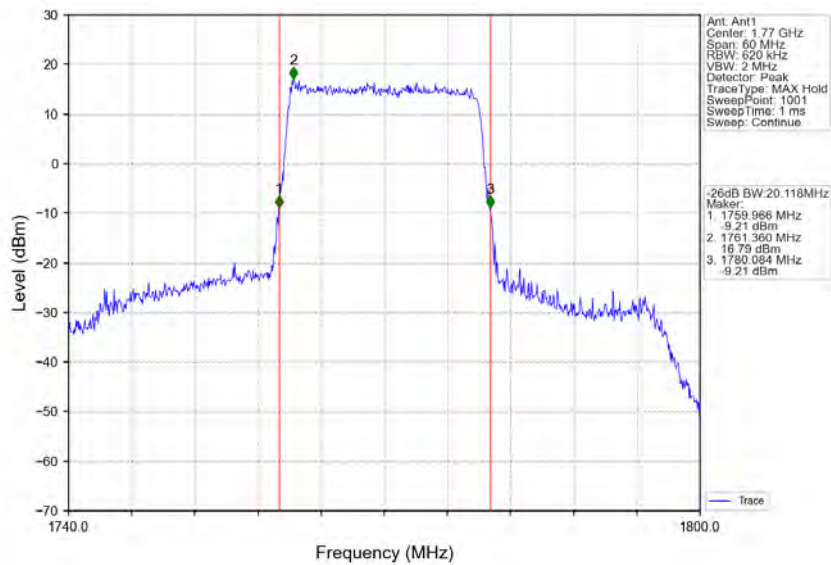
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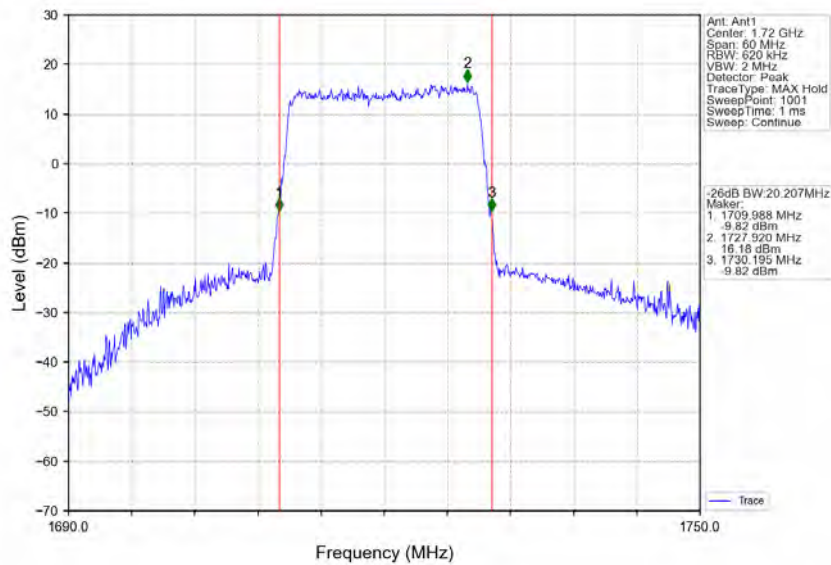
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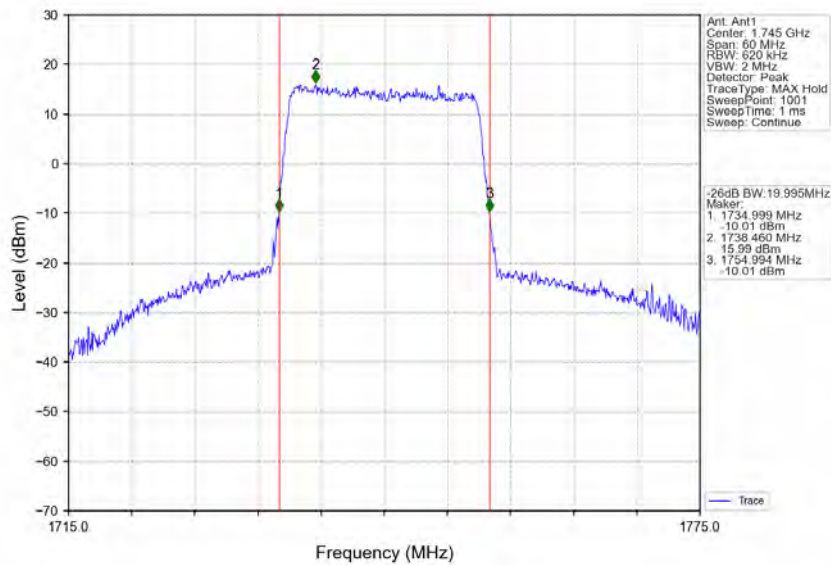
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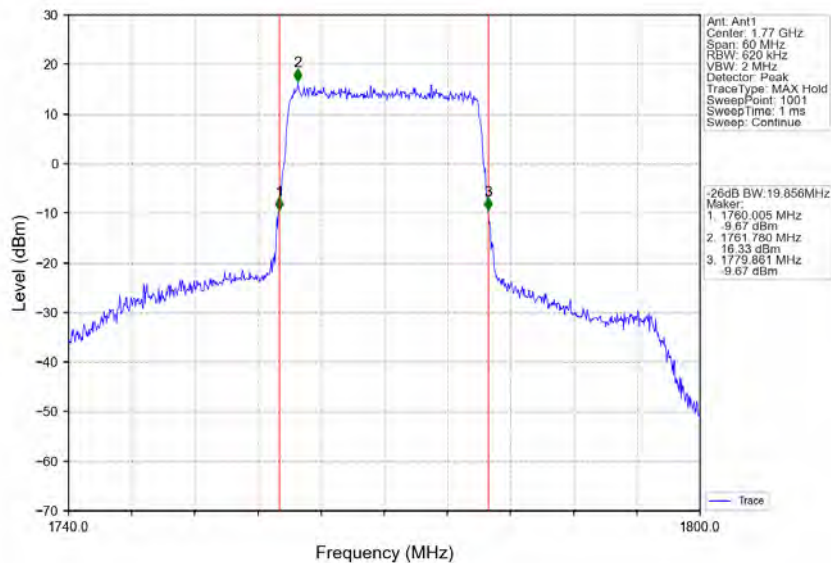
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Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.28	<=13	Pass
	1745	6	0	5.67	<=13	Pass
	1779.3	6	0	5.15	<=13	Pass
16QAM	1710.7	6	0	8.38	<=13	Pass
	1745	6	0	6.46	<=13	Pass
	1779.3	6	0	6.00	<=13	Pass
64QAM	1710.7	6	0	6.34	<=13	Pass
	1745	6	0	6.85	<=13	Pass
	1779.3	6	0	6.43	<=13	Pass

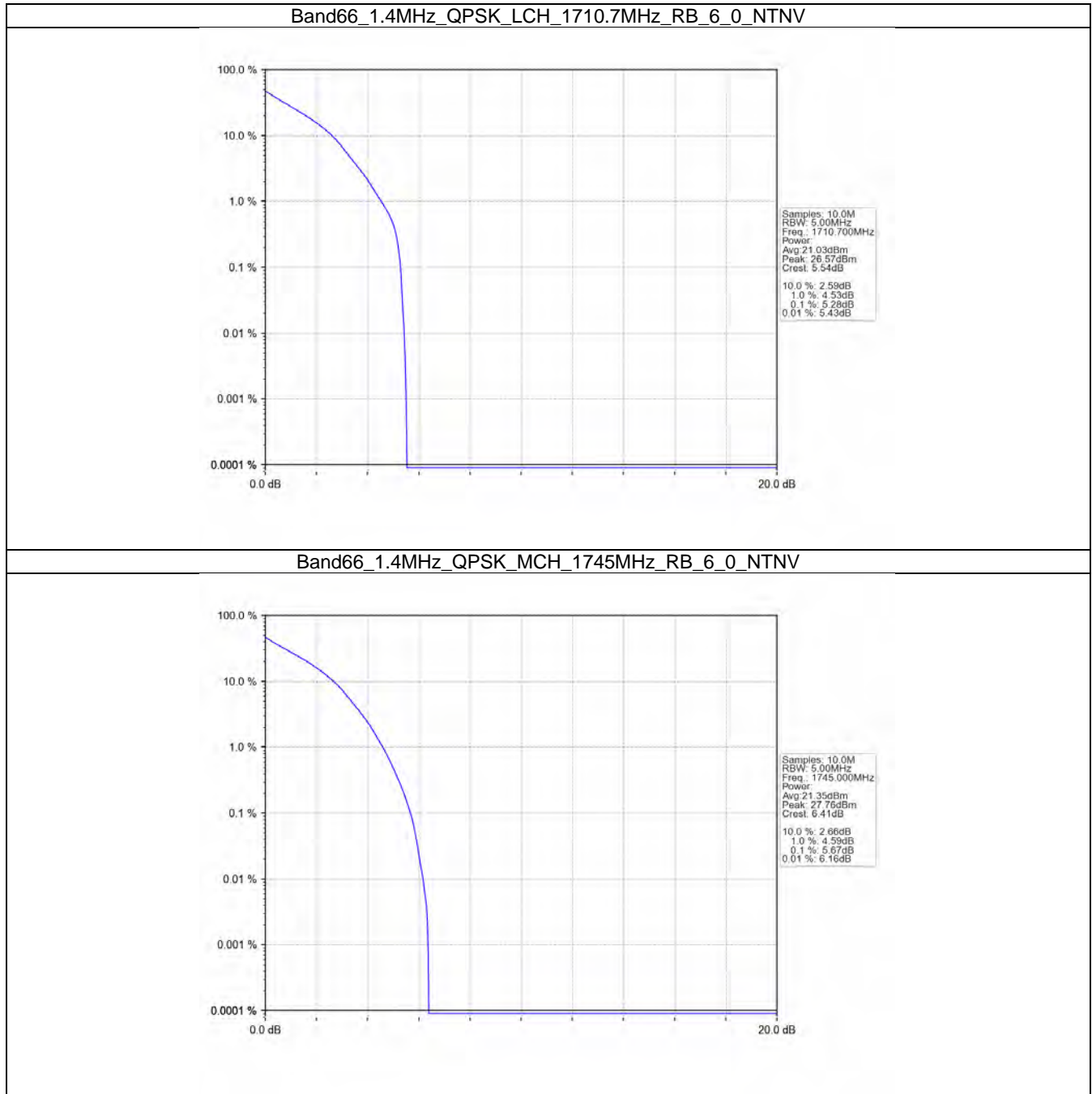


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5.1.2 Test Graph



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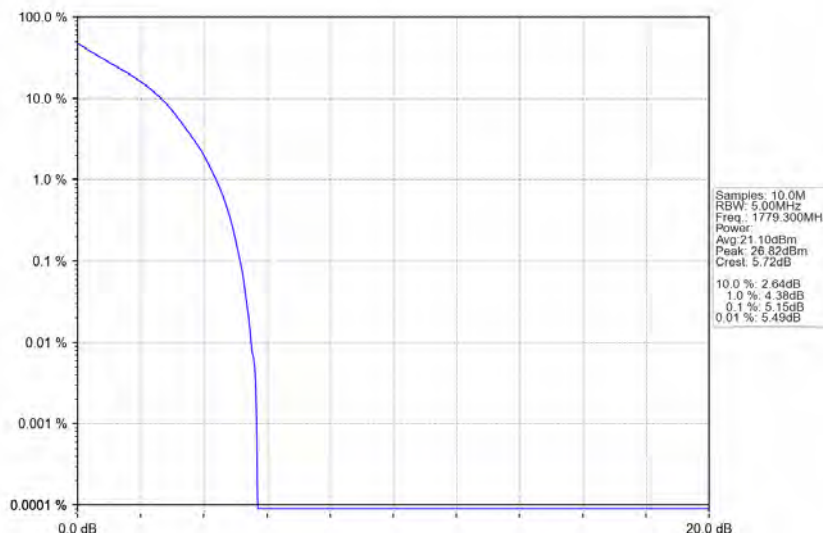
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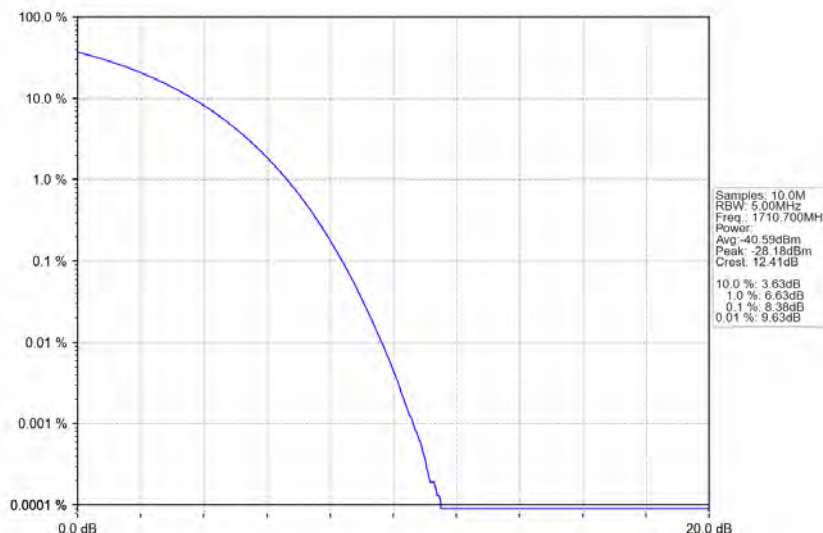
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



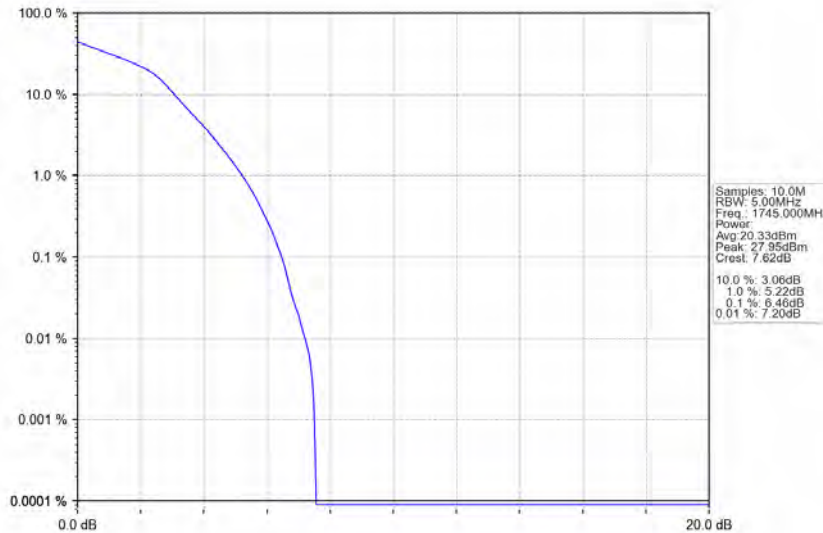
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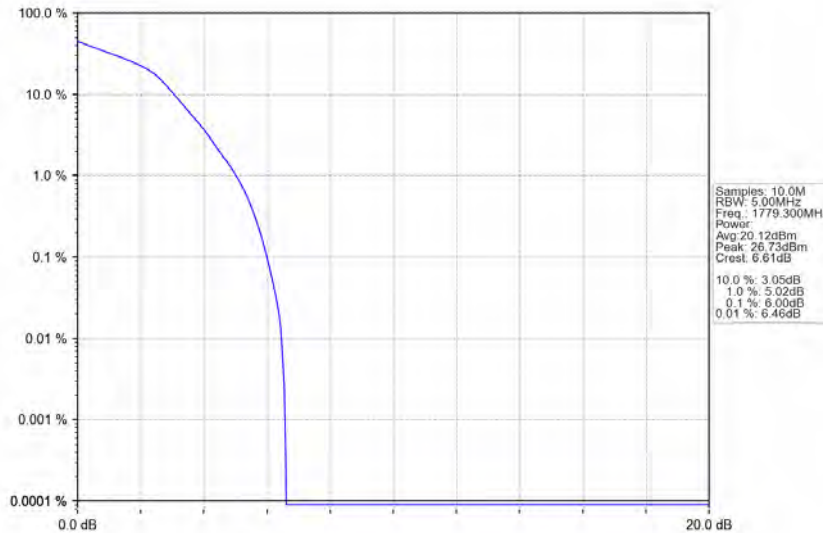
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Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



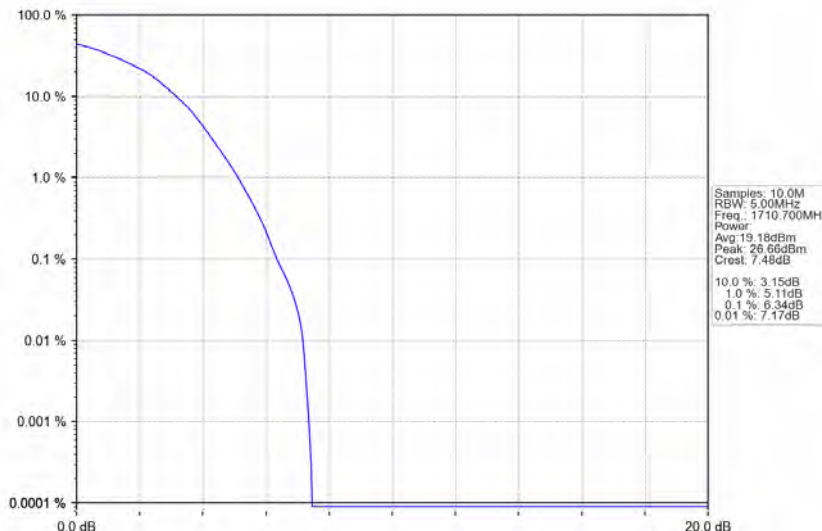
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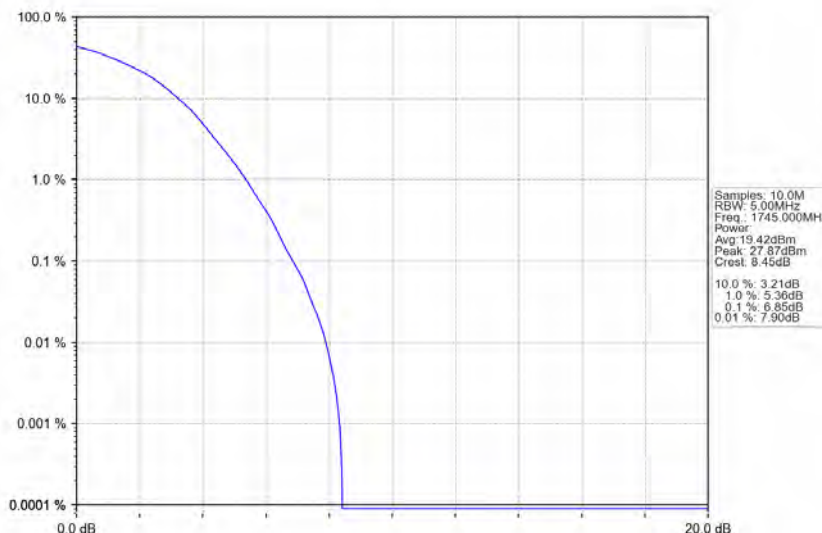
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



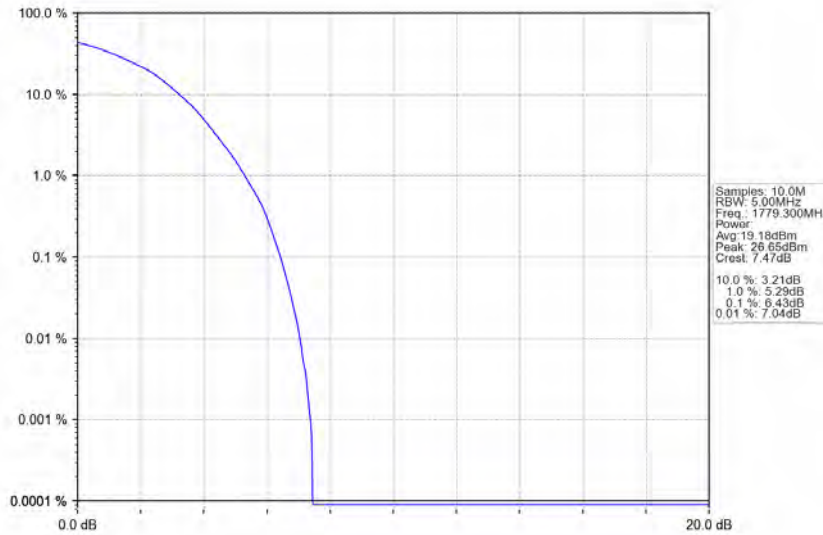
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5.2 B66_3MHz

5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.59	<=13	Pass
	1745	15	0	5.67	<=13	Pass
	1778.5	15	0	5.34	<=13	Pass
16QAM	1711.5	15	0	6.44	<=13	Pass
	1745	15	0	6.52	<=13	Pass
	1778.5	15	0	6.18	<=13	Pass
64QAM	1711.5	15	0	6.75	<=13	Pass
	1745	15	0	6.64	<=13	Pass
	1778.5	15	0	6.57	<=13	Pass



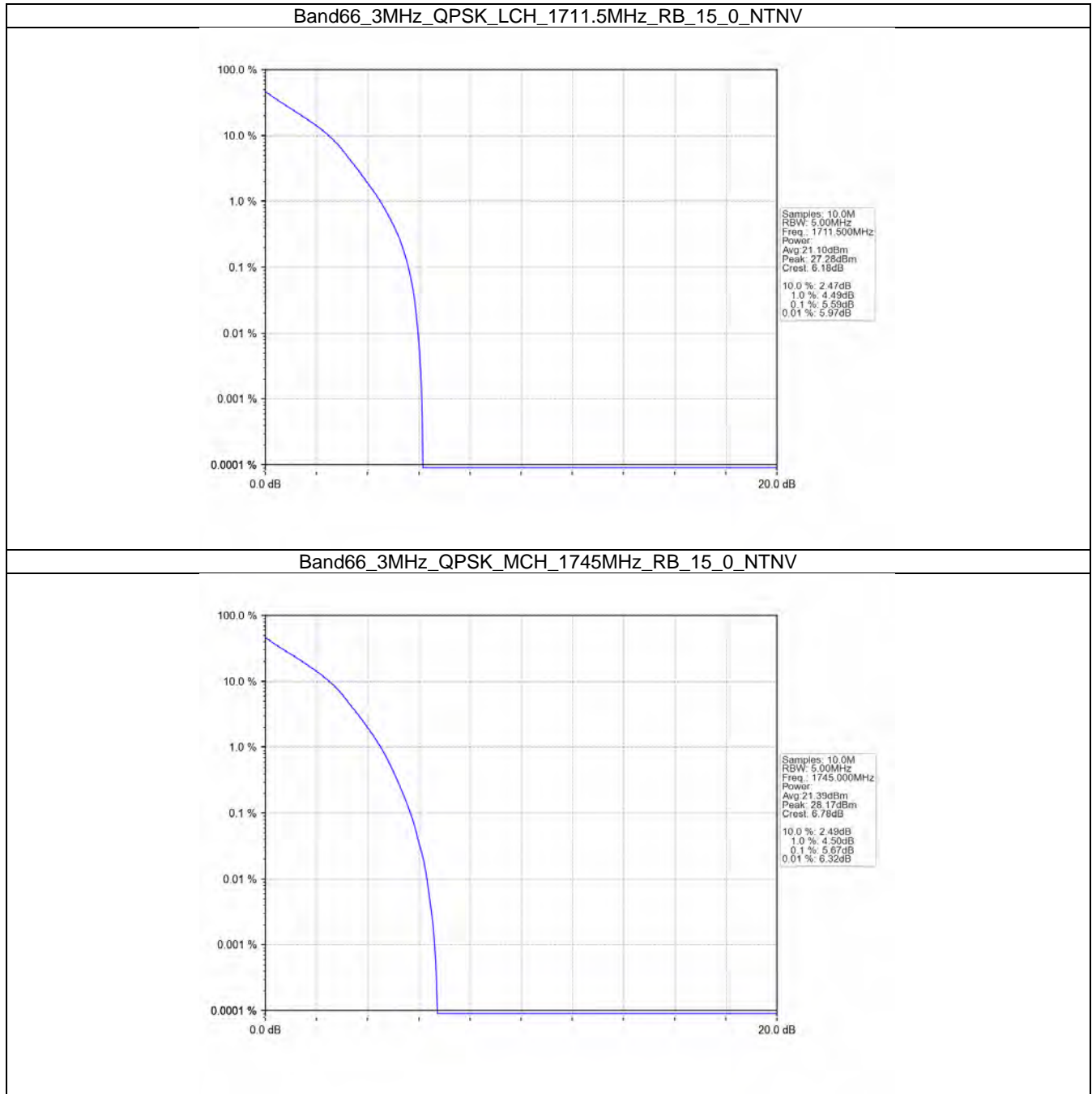
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5.2.2 Test Graph



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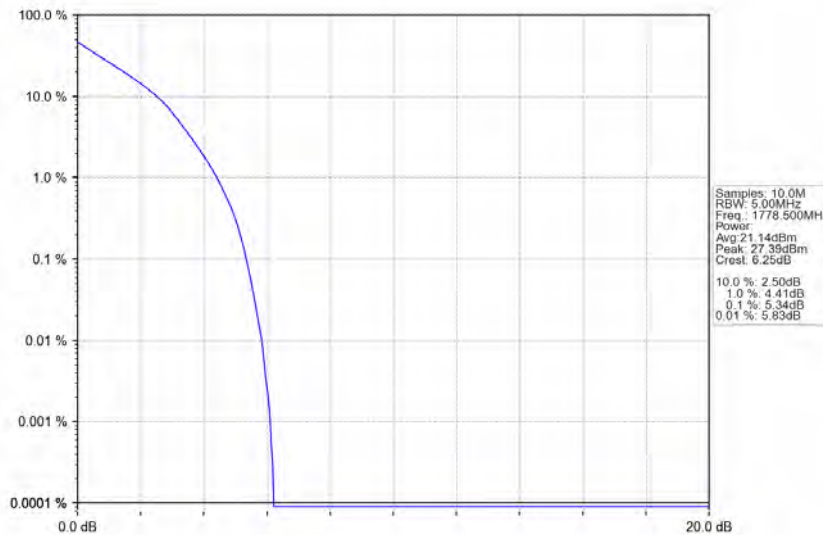
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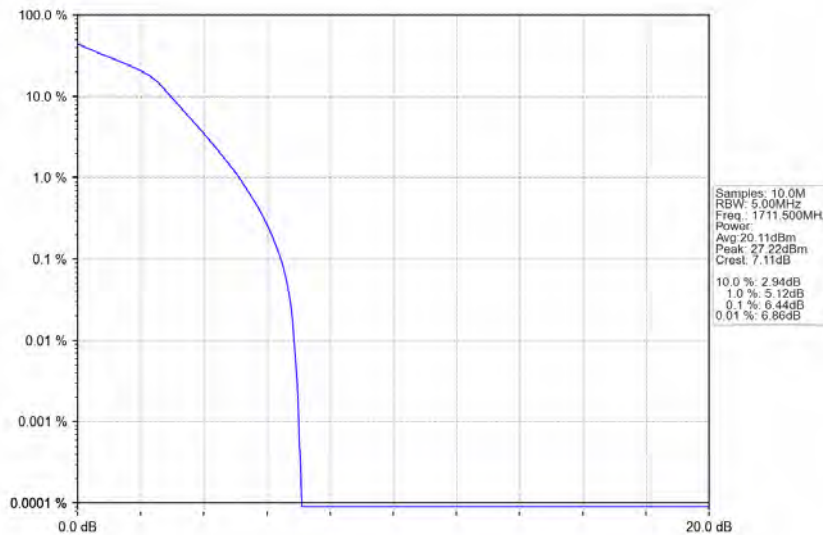
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



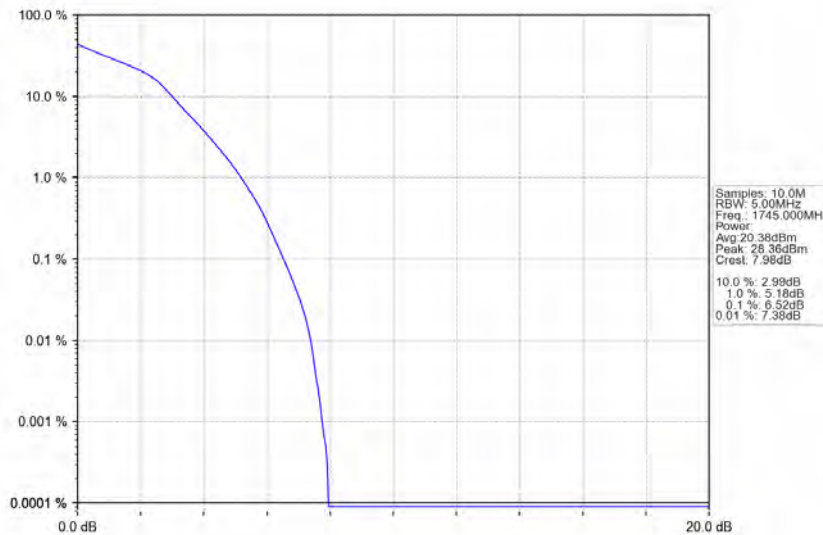
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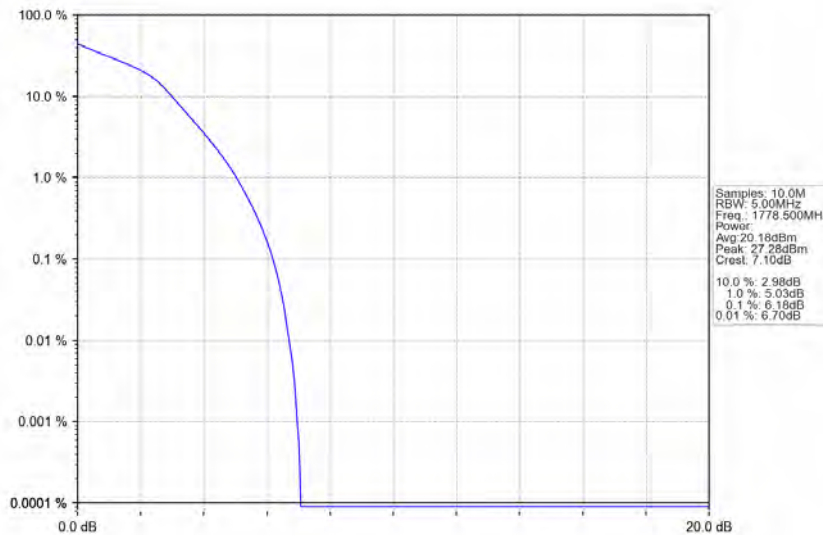
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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



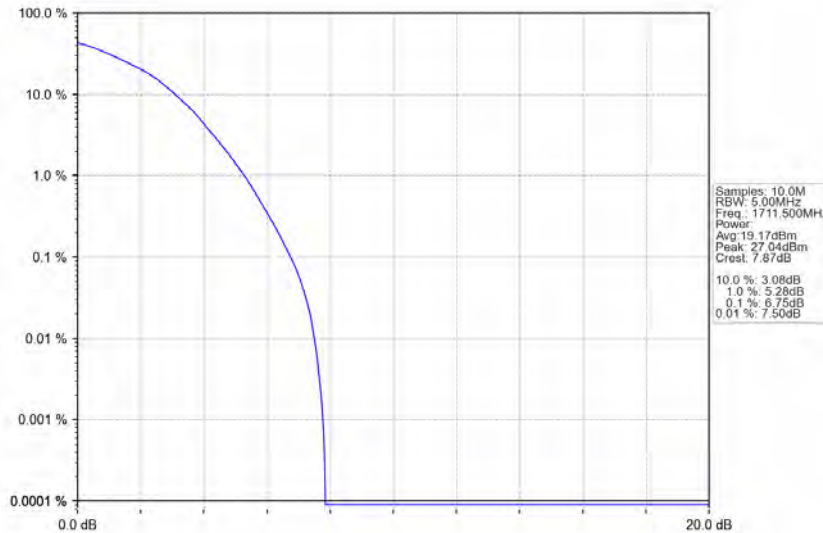
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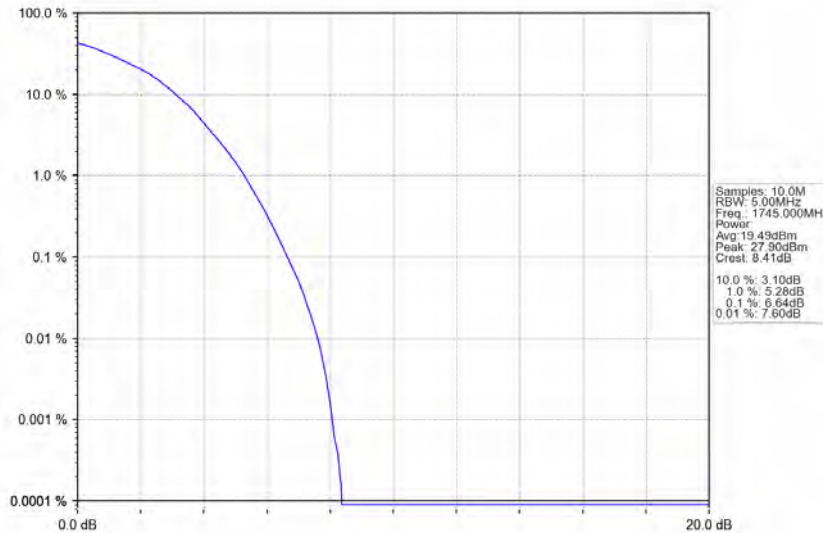
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



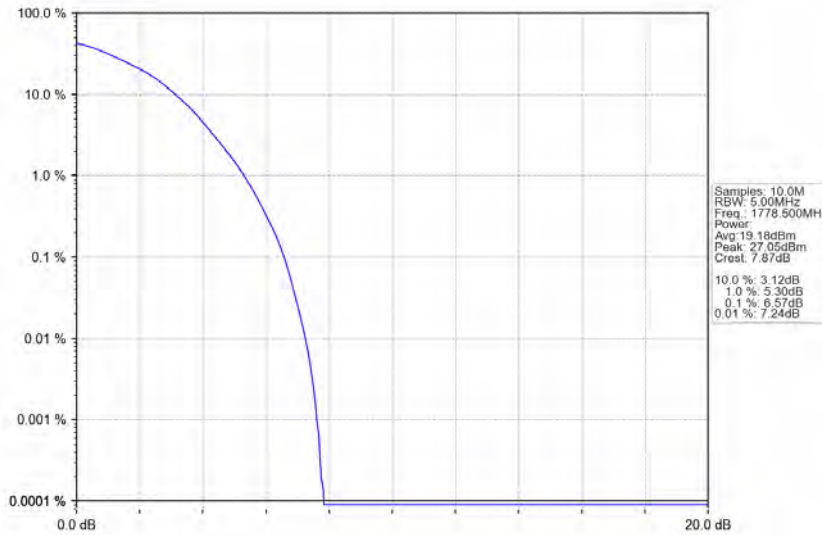
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5.3 B66_5MHz

5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.72	<=13	Pass
	1745	25	0	5.78	<=13	Pass
	1777.5	25	0	5.52	<=13	Pass
16QAM	1712.5	25	0	6.45	<=13	Pass
	1745	25	0	6.48	<=13	Pass
	1777.5	25	0	6.30	<=13	Pass
64QAM	1712.5	25	0	6.70	<=13	Pass
	1745	25	0	6.71	<=13	Pass
	1777.5	25	0	6.62	<=13	Pass



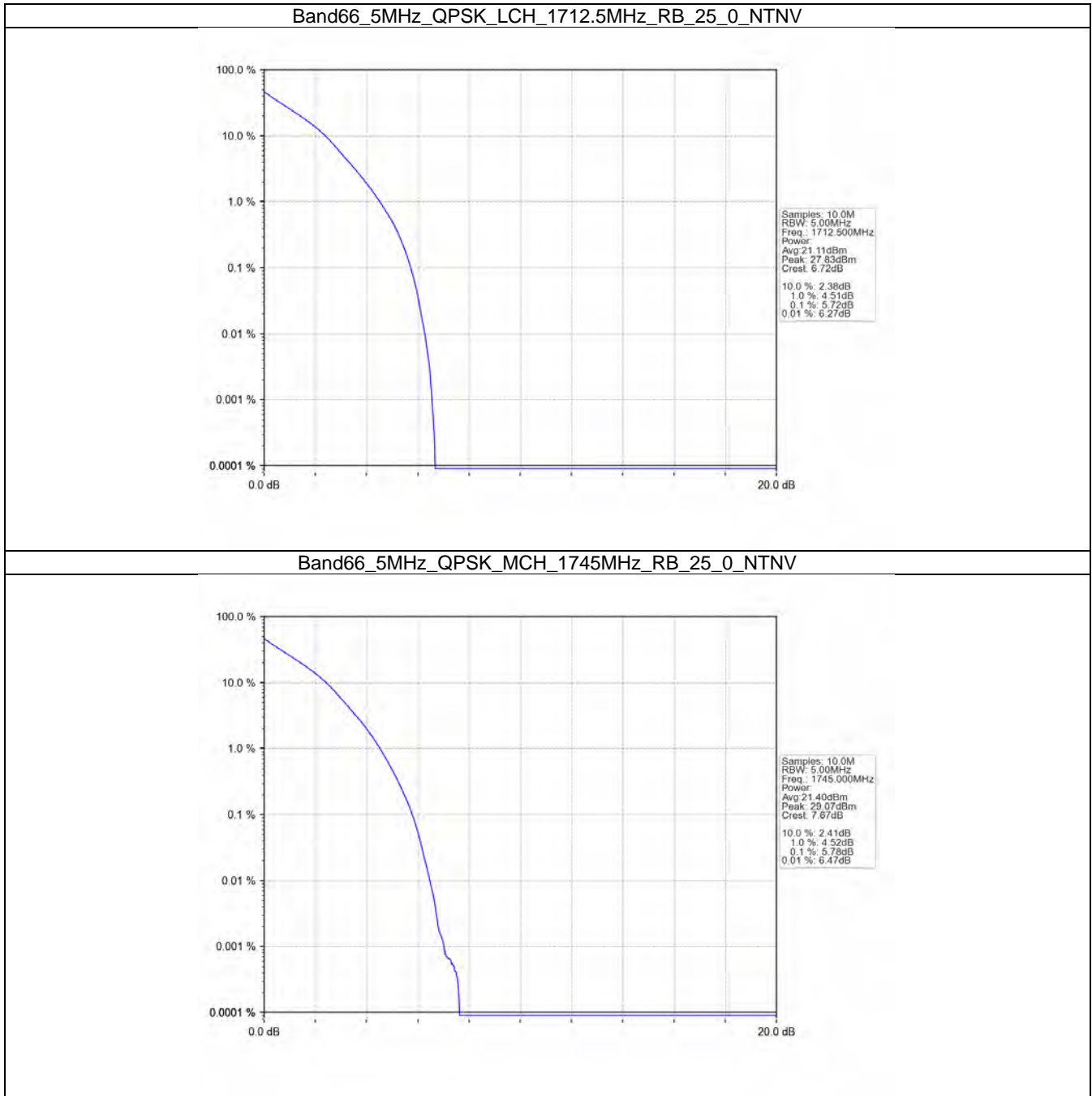
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5.3.2 Test Graph



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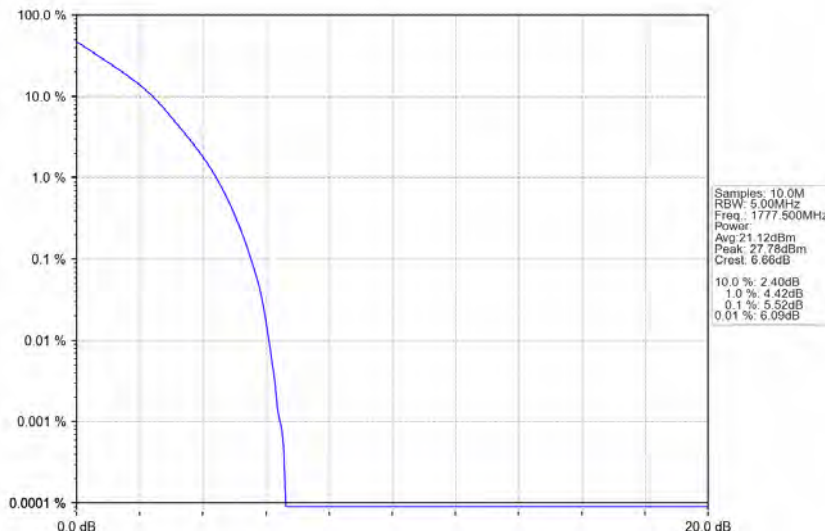
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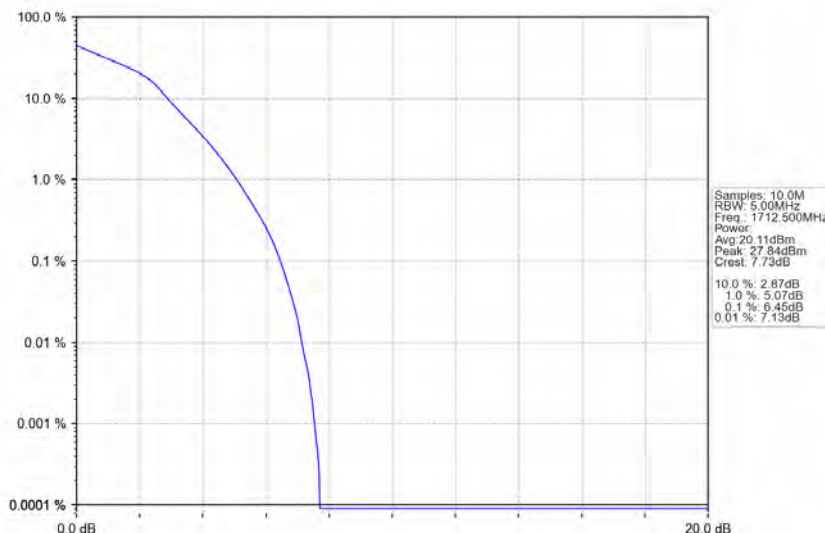
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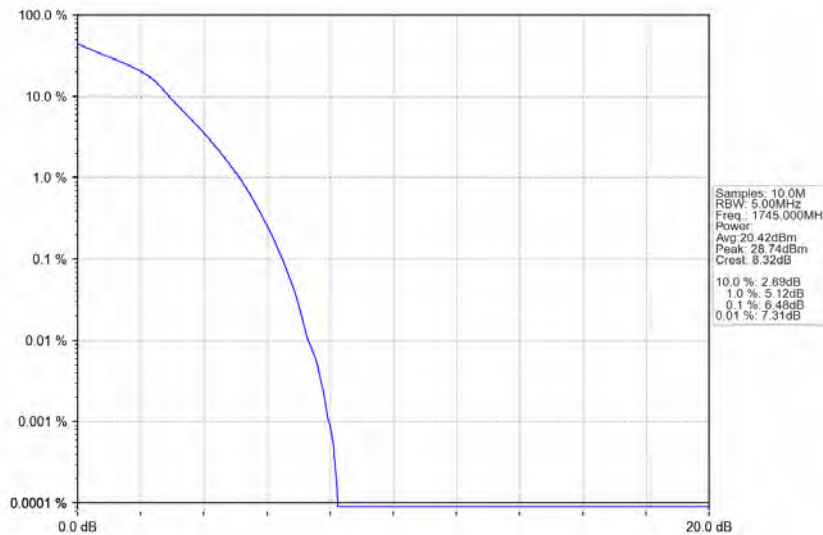
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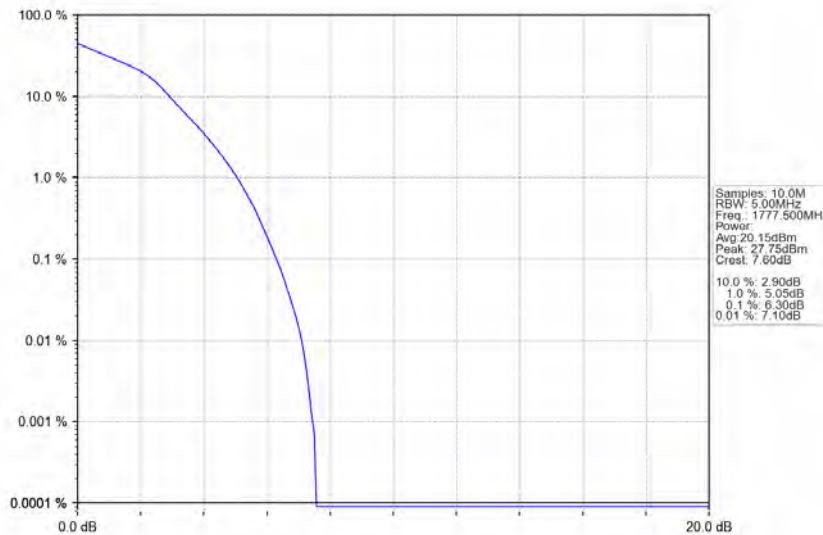
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Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



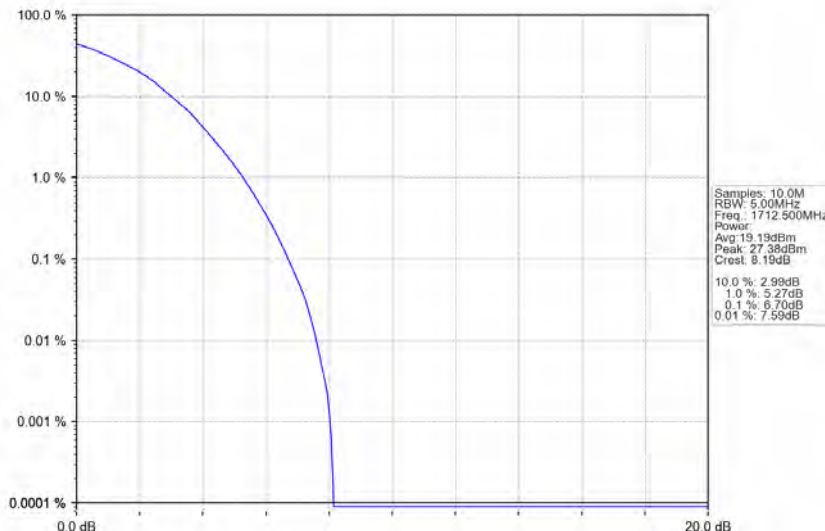
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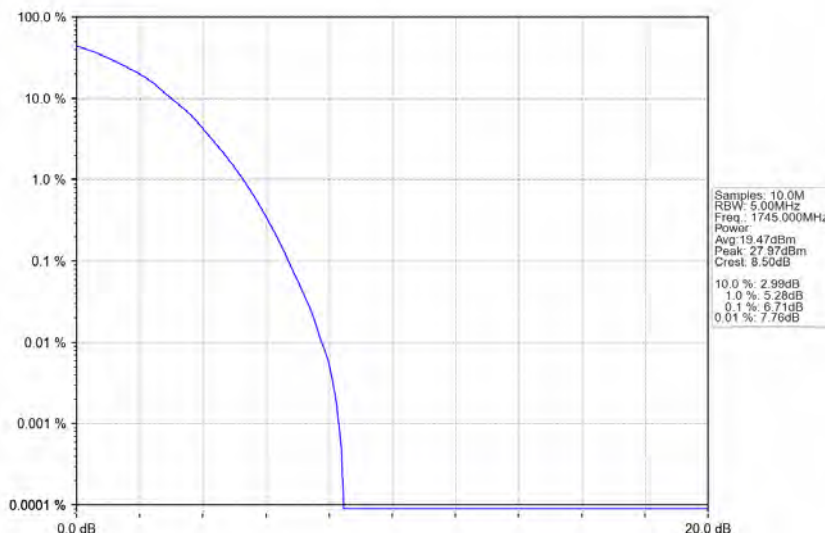
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



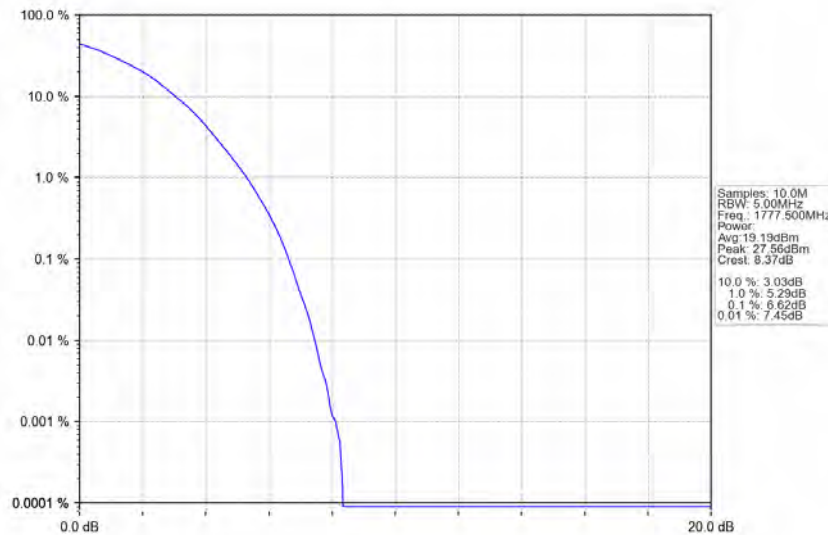
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