



Report No.: SUCR240500014801
Rev.: 01
Page: 114 of 184

5.3 B48\_15MHz

5.3.1 Test Result

Table with columns: Modulation, Frequency (MHz), RB Allocation (Size, Offset), Spurious Emission (Result, Limit), Verdict. Data includes QPSK modulation at frequencies 3557.5, 3625, and 3692.5 MHz.

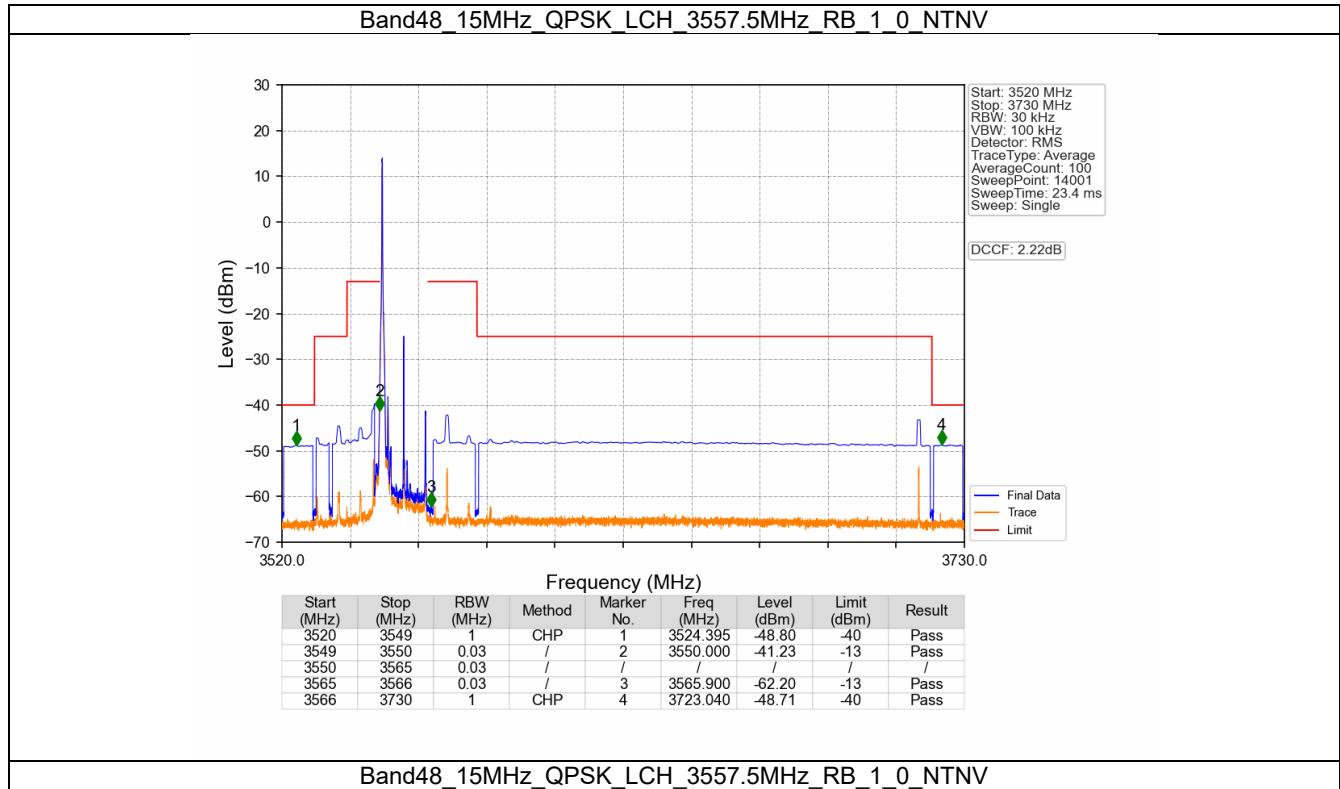


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5.3.2 Test Graph

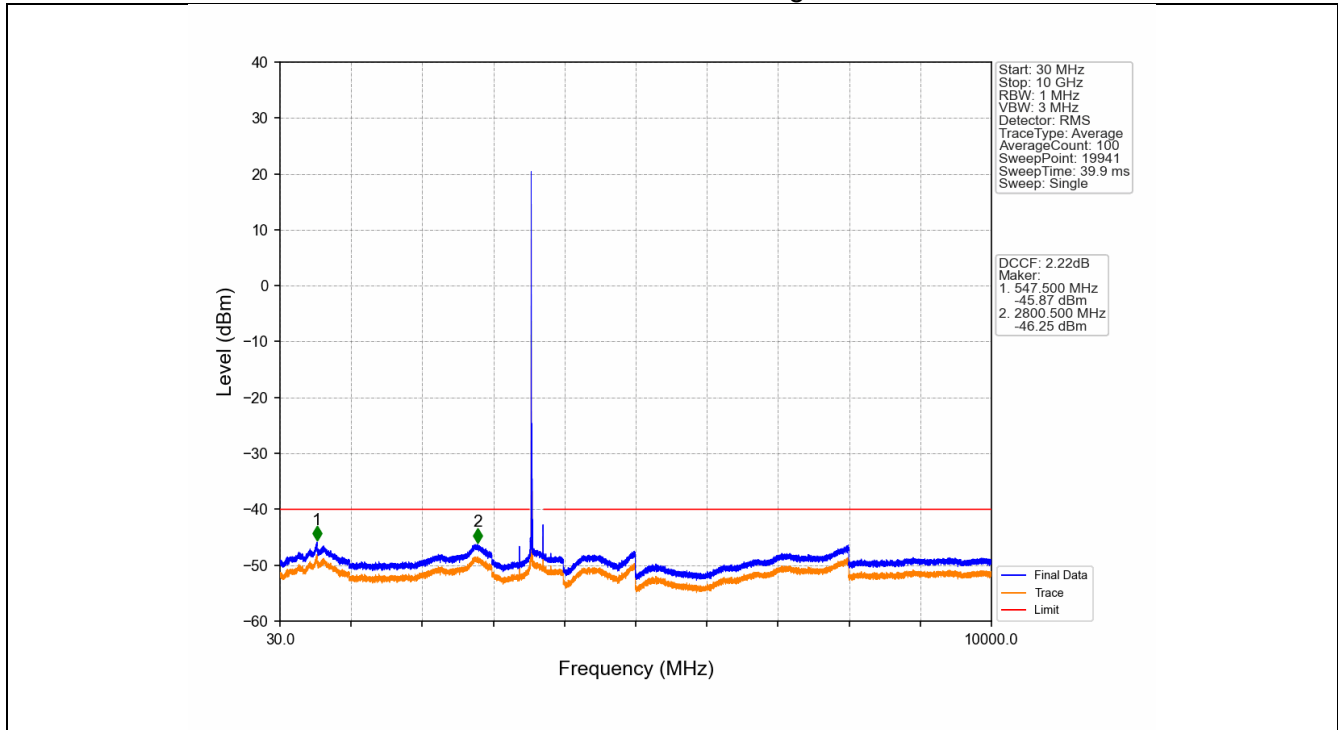


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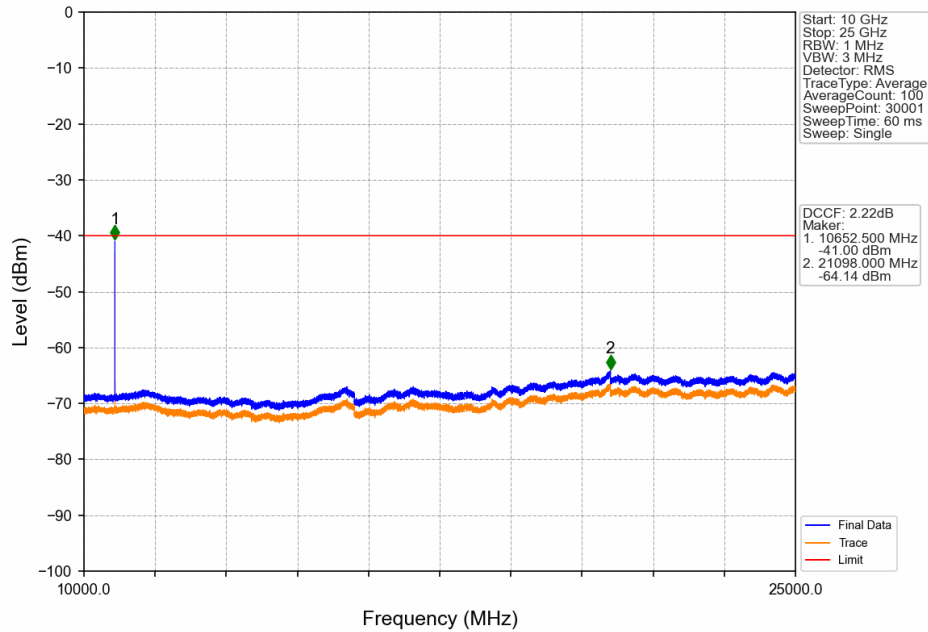
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Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV

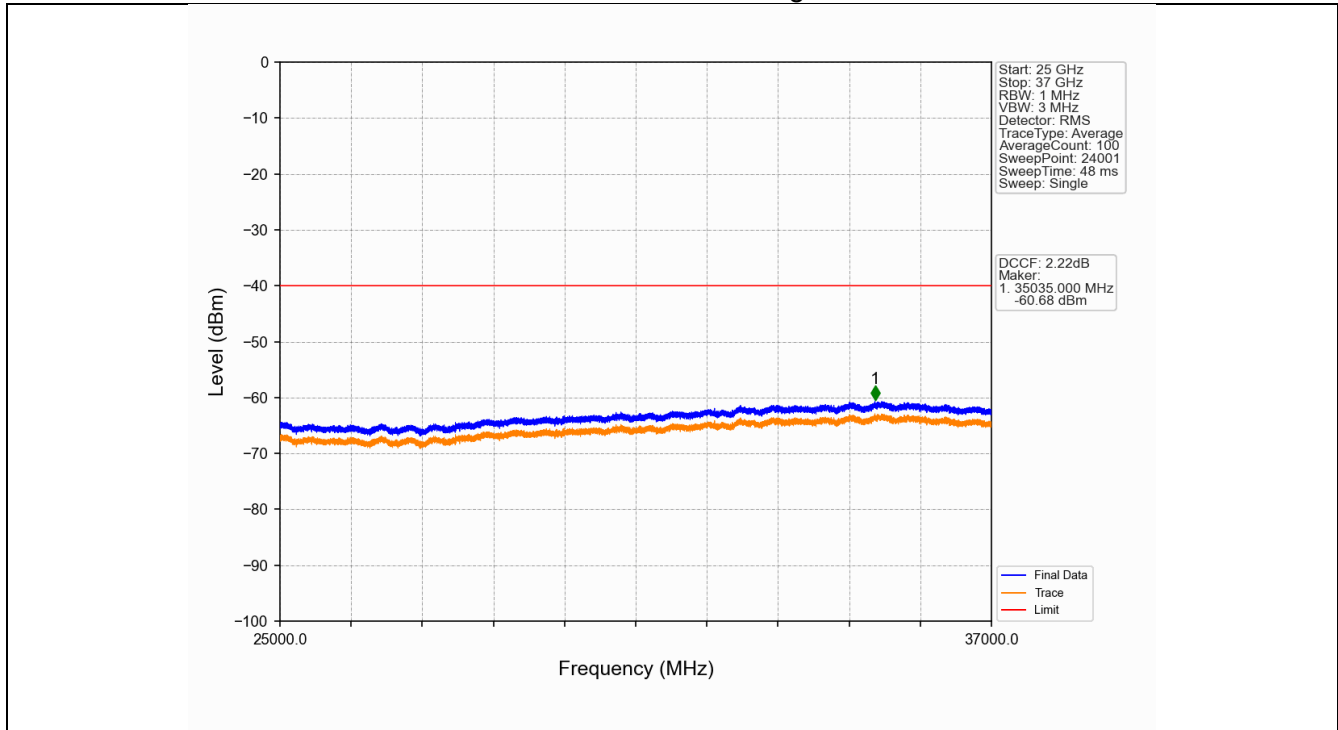


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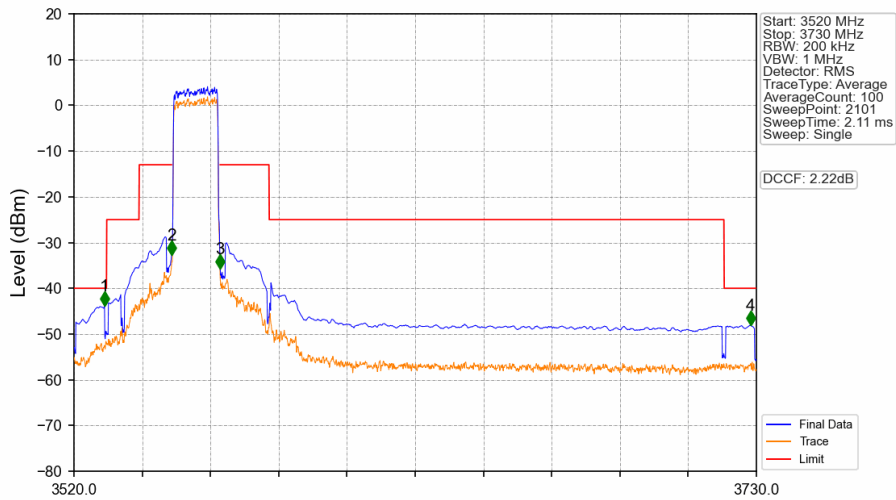


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Band48 15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3529.400	-43.91	-40	Pass
3549	3550	0.2	/	2	3550.000	-32.72	-13	Pass
3550	3565	0.2	/	/	/	/	/	/
3565	3566	0.2	/	3	3565.000	-35.70	-13	Pass
3566	3730	1	CHP	4	3728.200	-48.08	-40	Pass

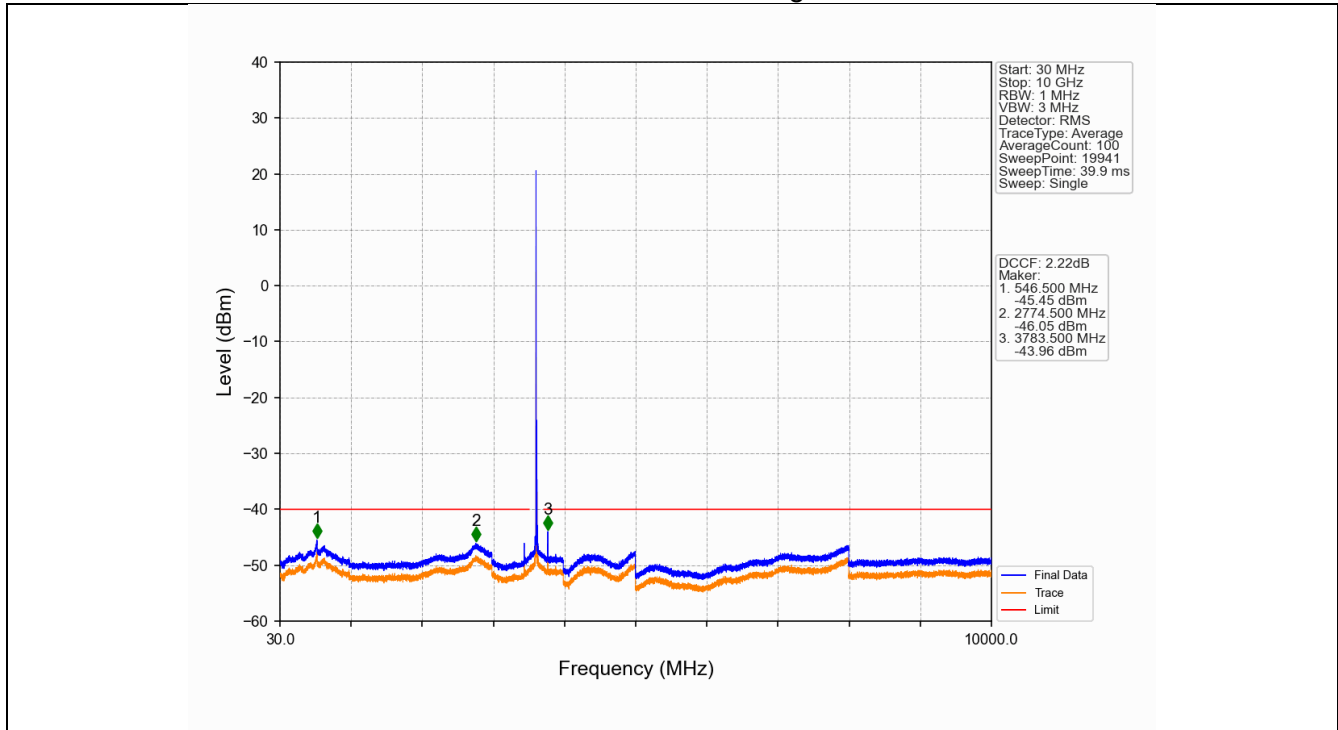
Band48 15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



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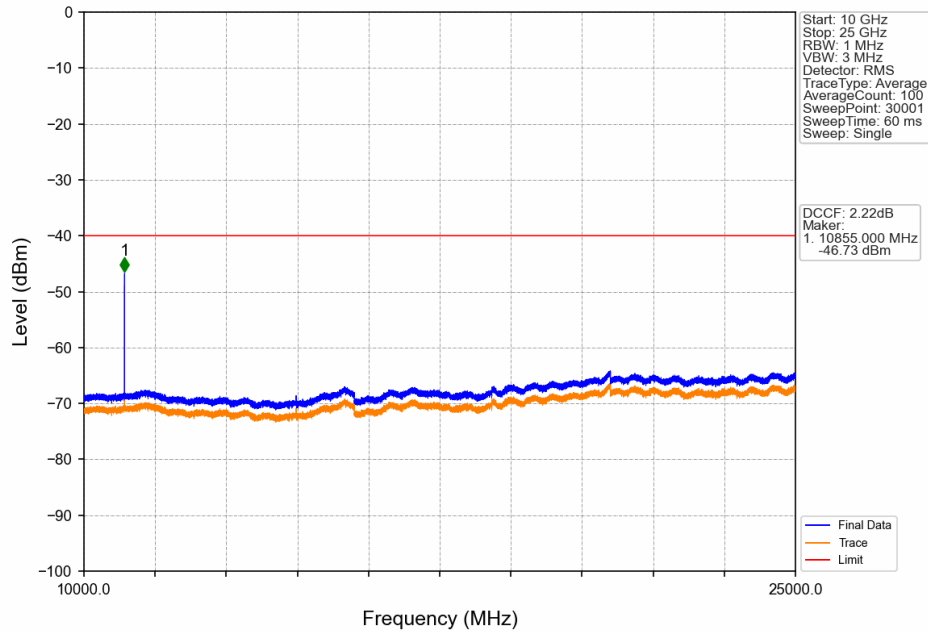


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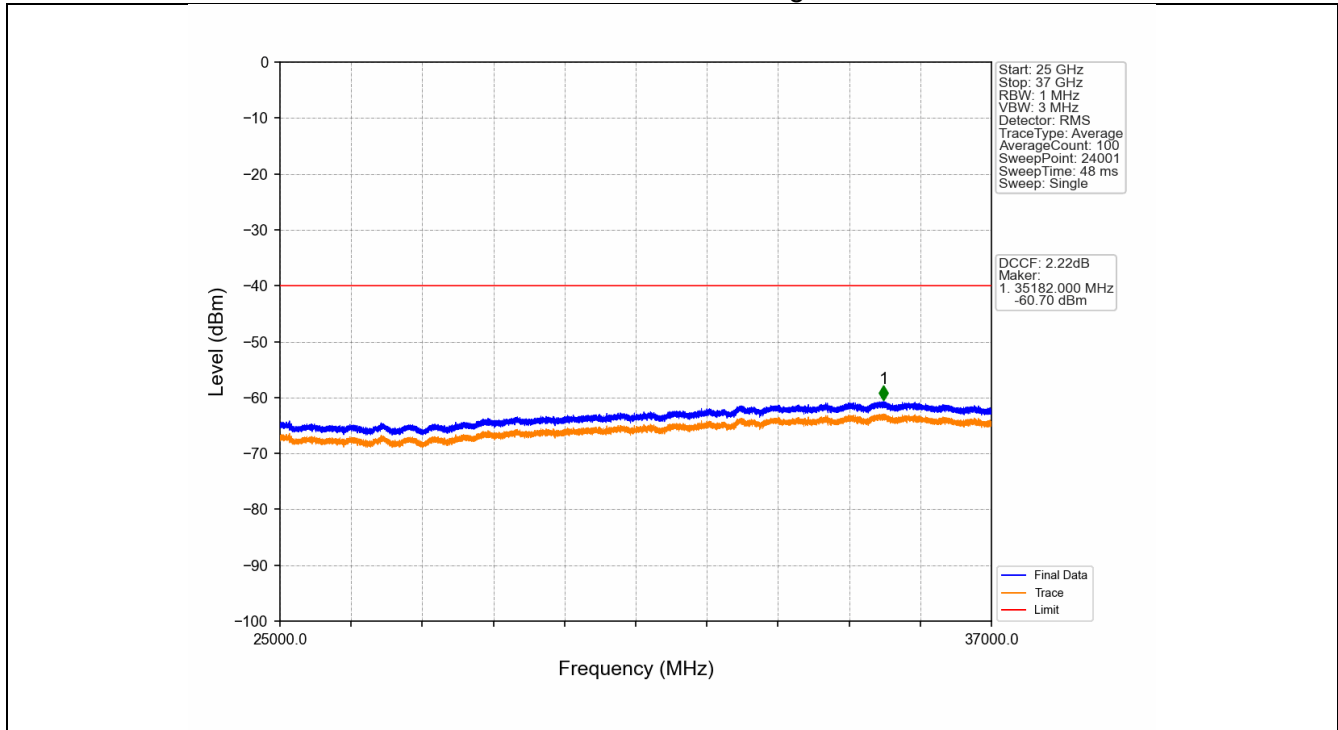
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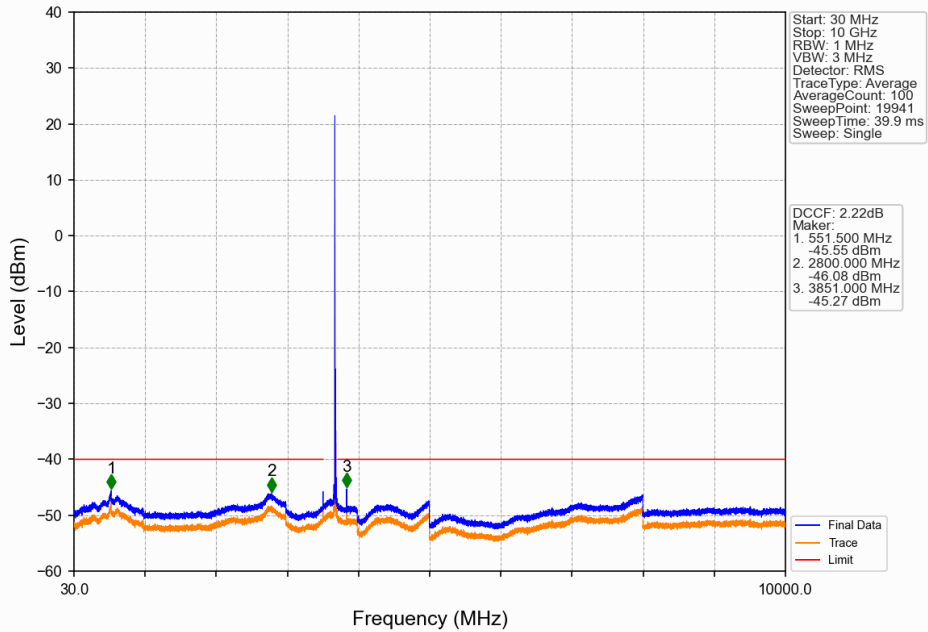


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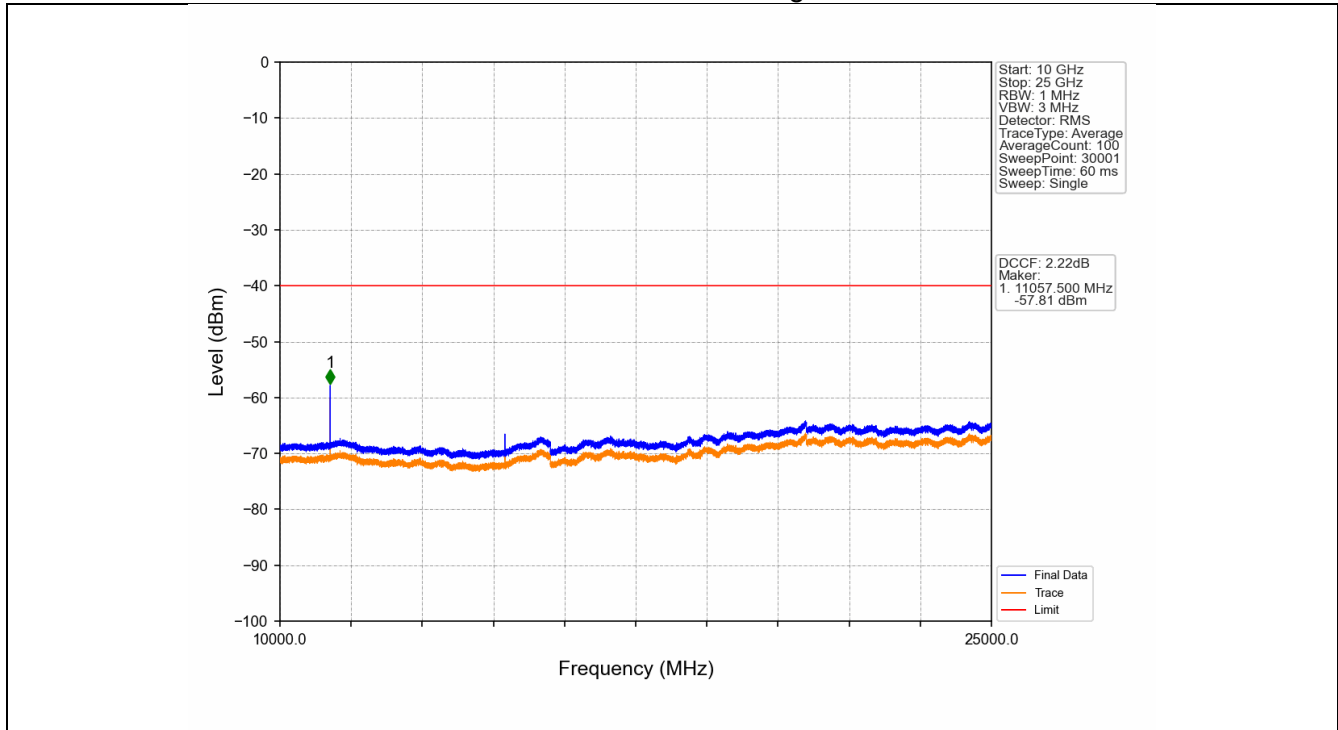
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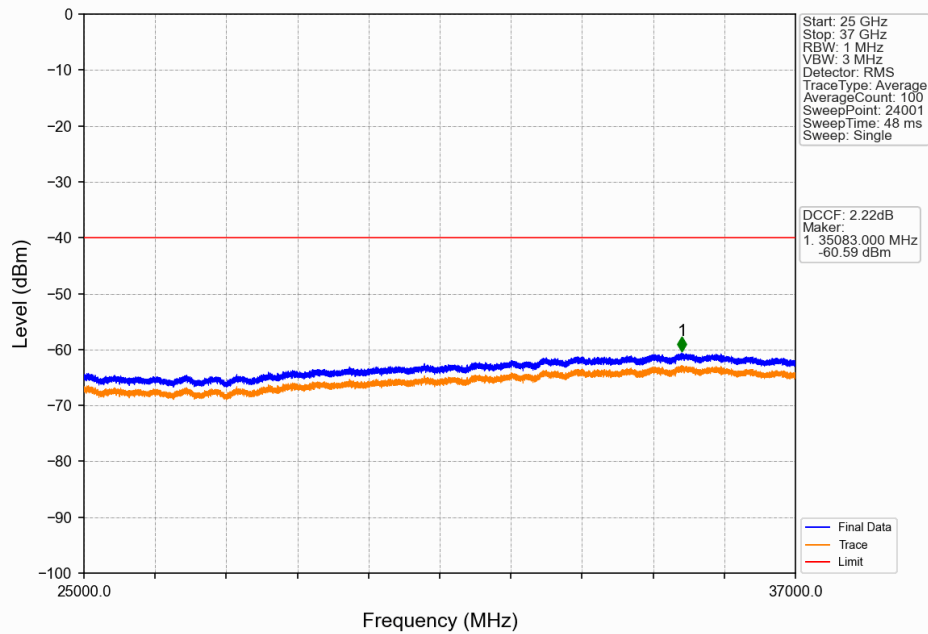
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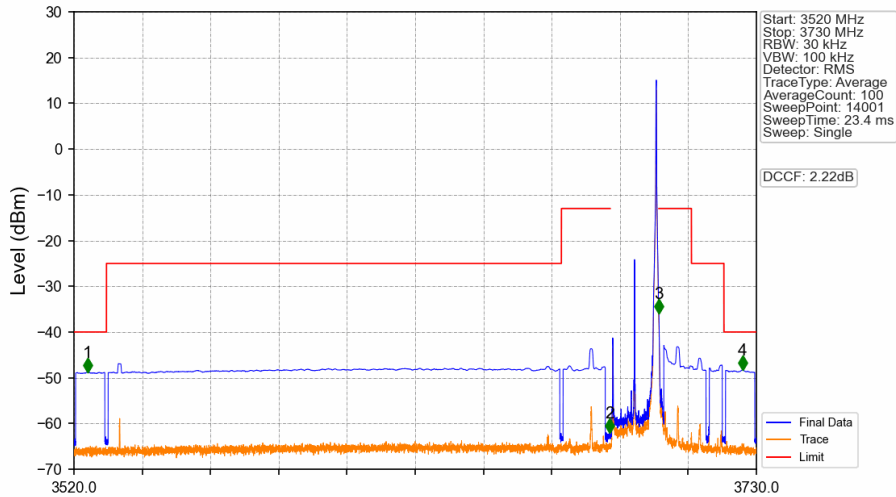
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684	1	CHP	1	3524.170	-48.79	-40	Pass
3684	3685	0.03	/	2	3684.790	-62.12	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-36.01	-13	Pass
3701	3730	1	CHP	4	3725.770	-48.27	-40	Pass

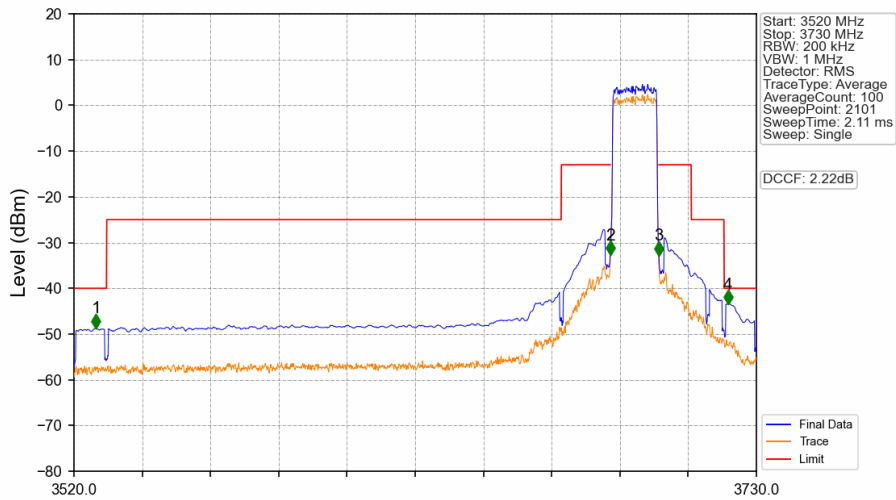


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5.4 B48\_20MHz

5.4.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

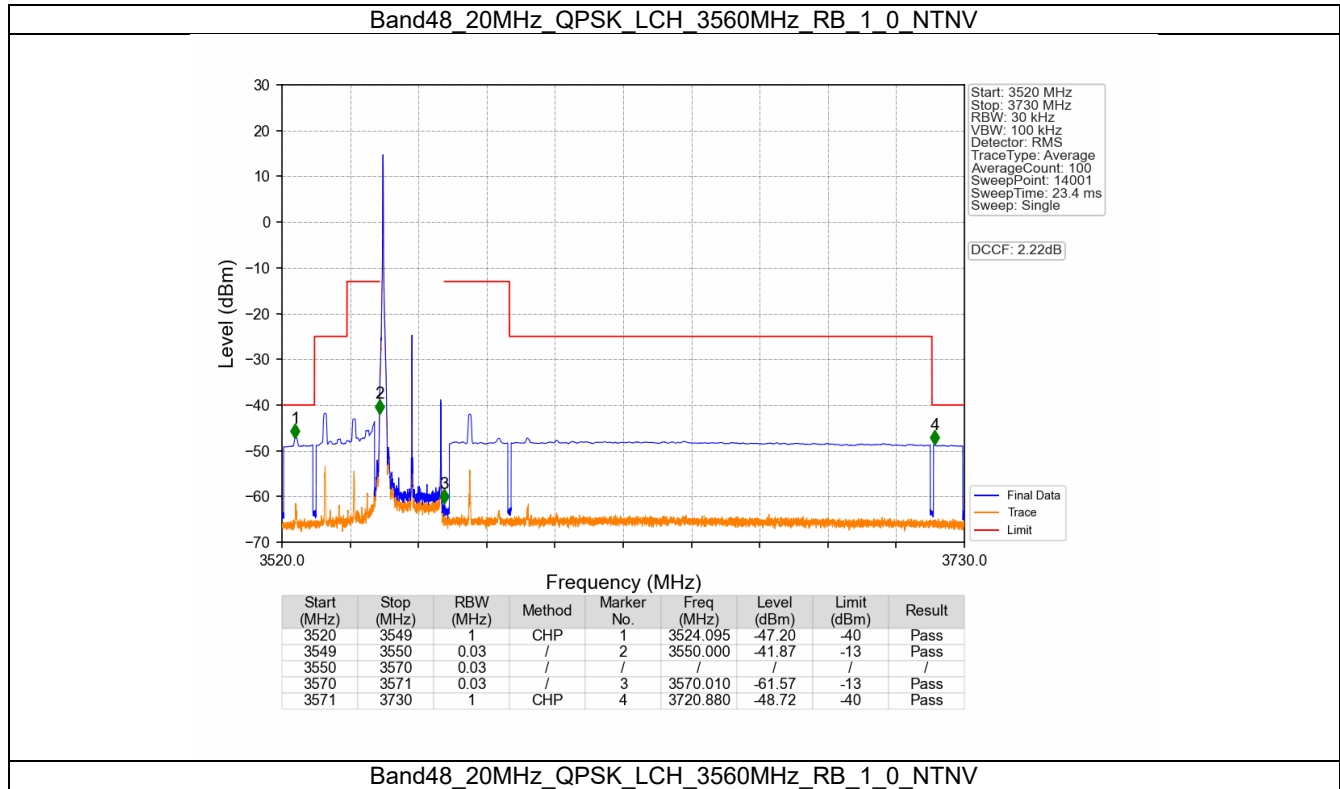


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5.4.2 Test Graph



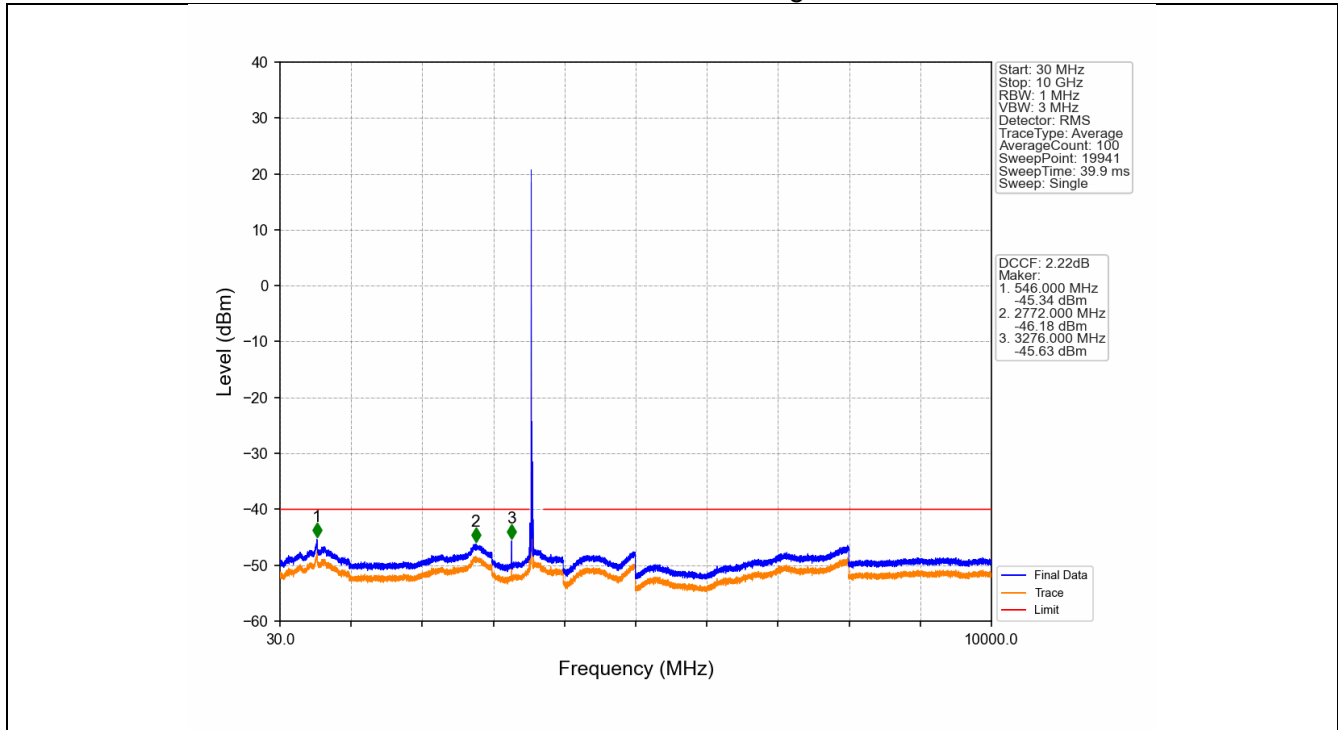
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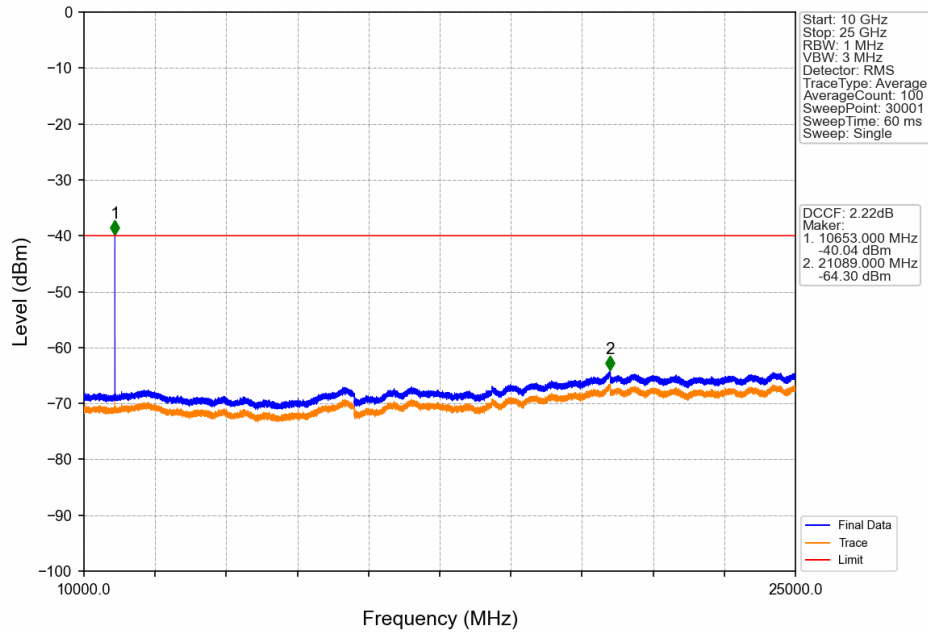
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Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV

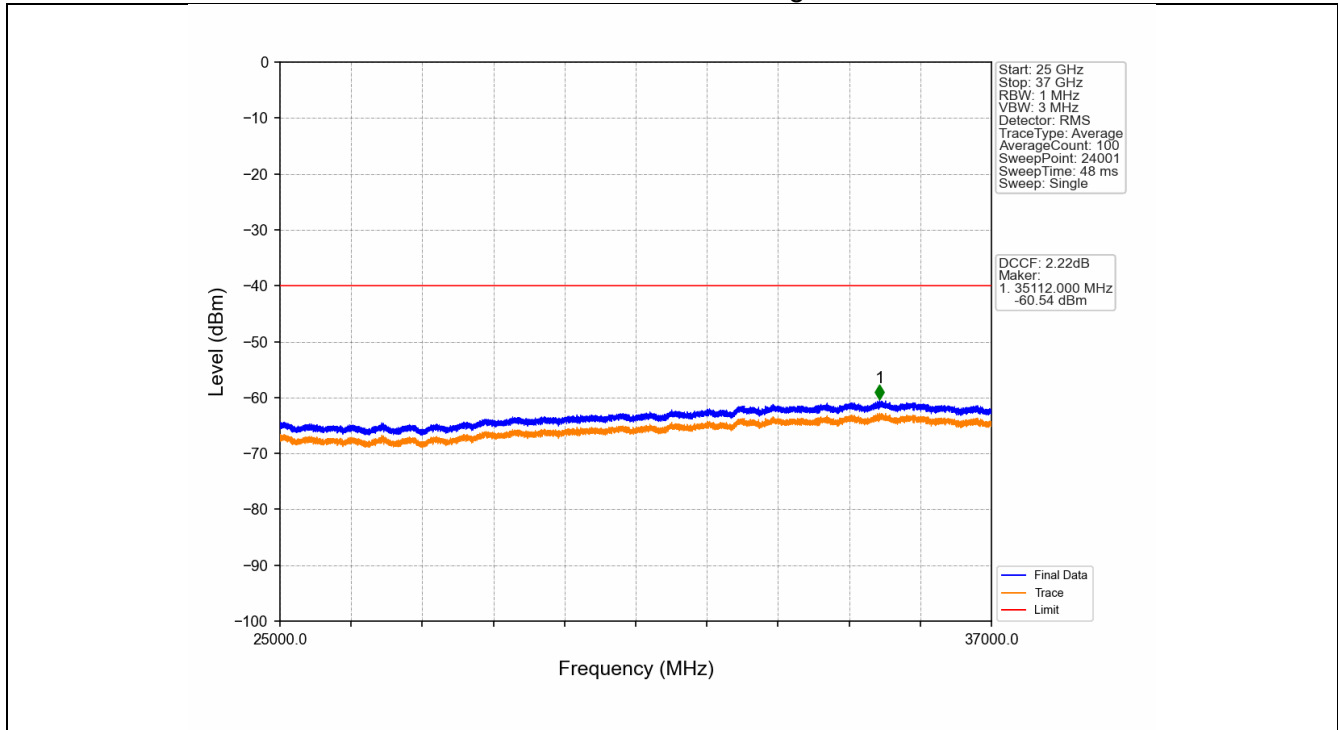


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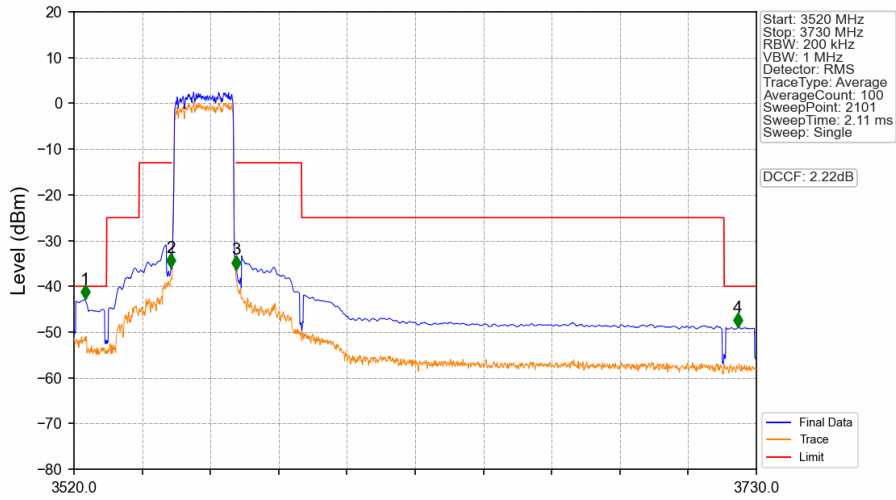
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Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



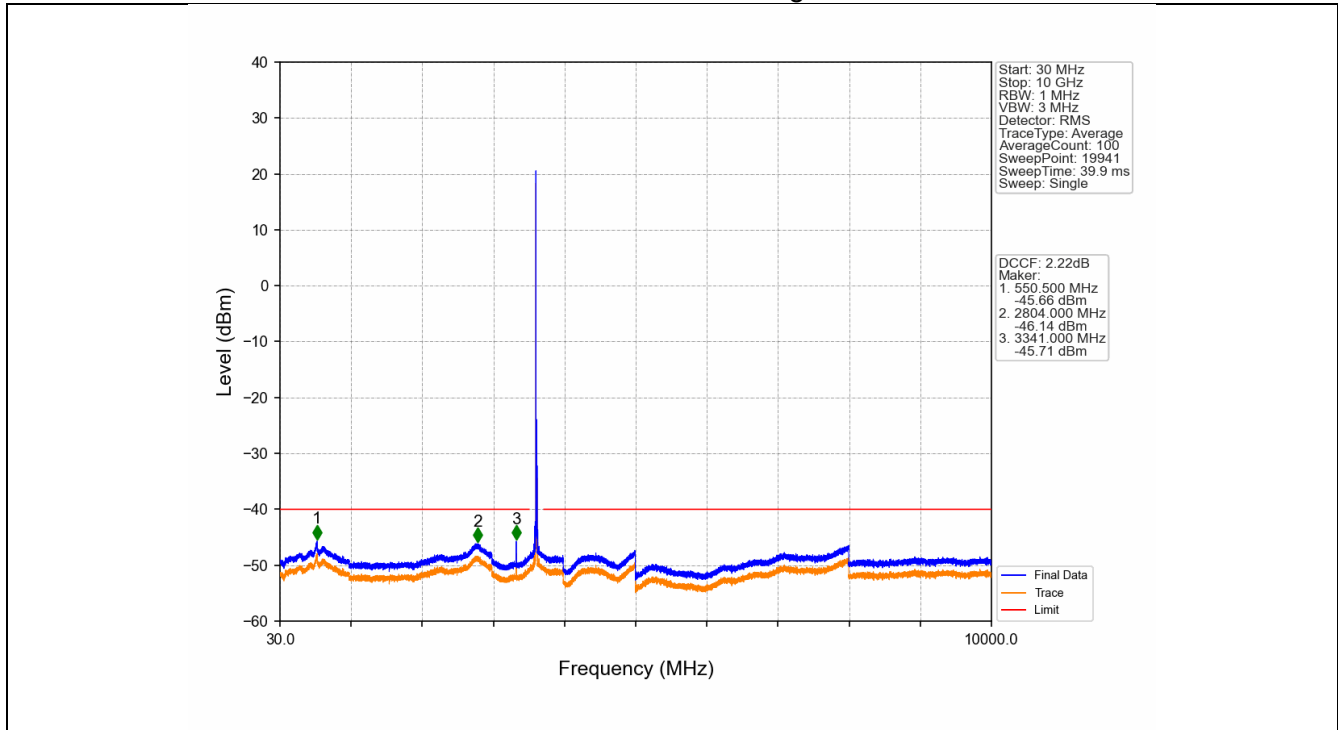
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3523.400	-42.77	-40	Pass
3549	3550	0.2	/	2	3549.900	-35.90	-13	Pass
3550	3570	0.2	/	/	/	/	/	/
3570	3571	0.2	/	3	3570.000	-36.36	-13	Pass
3571	3730	1	CHP	4	3724.300	-48.91	-40	Pass

Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



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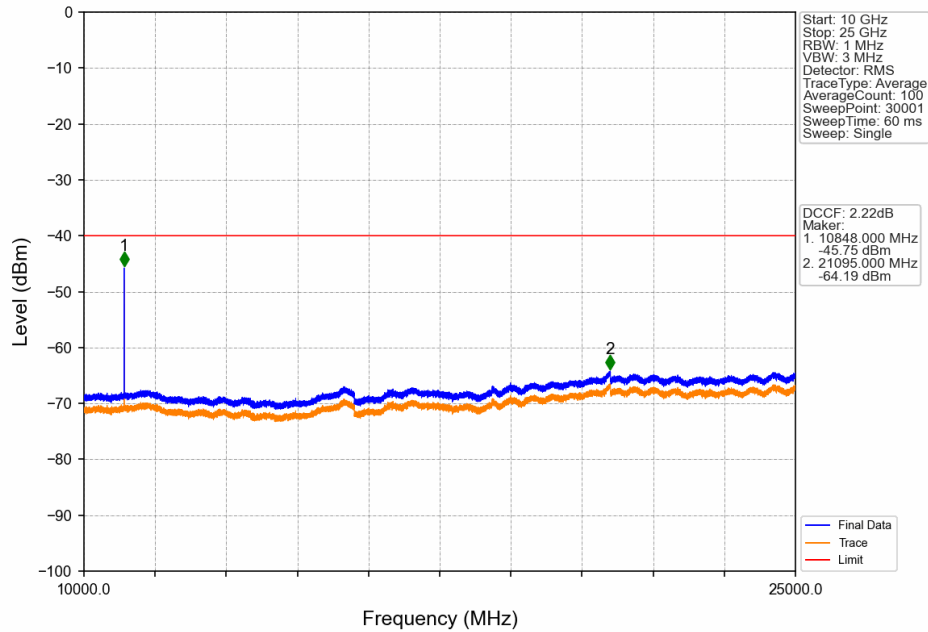
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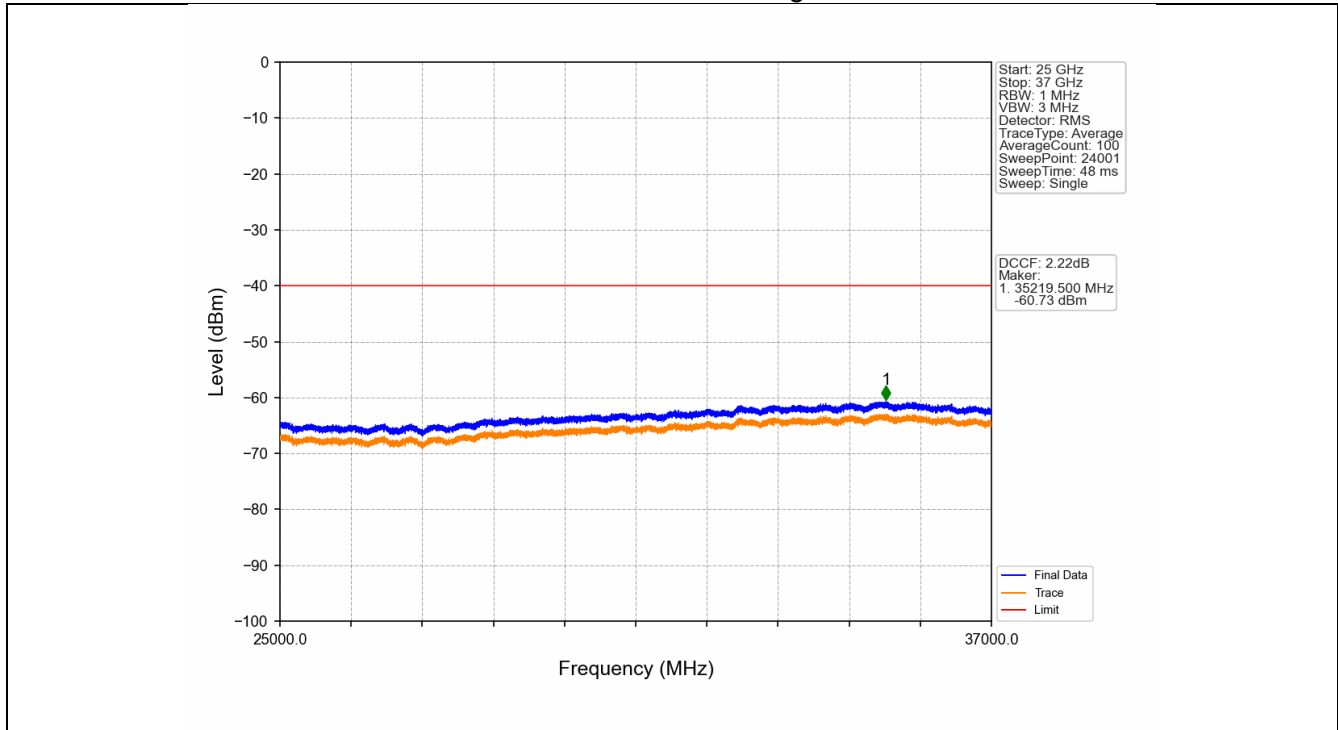
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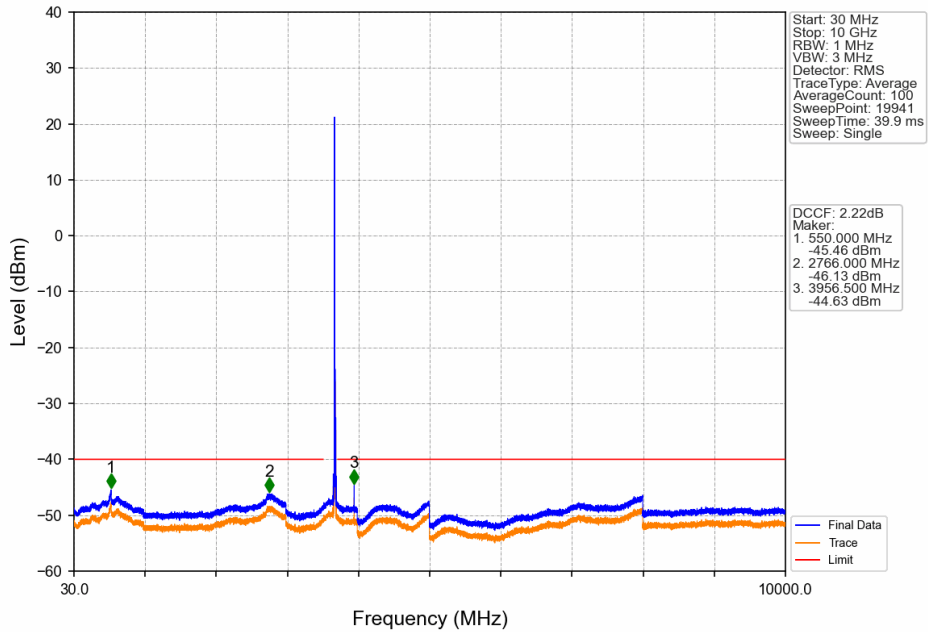
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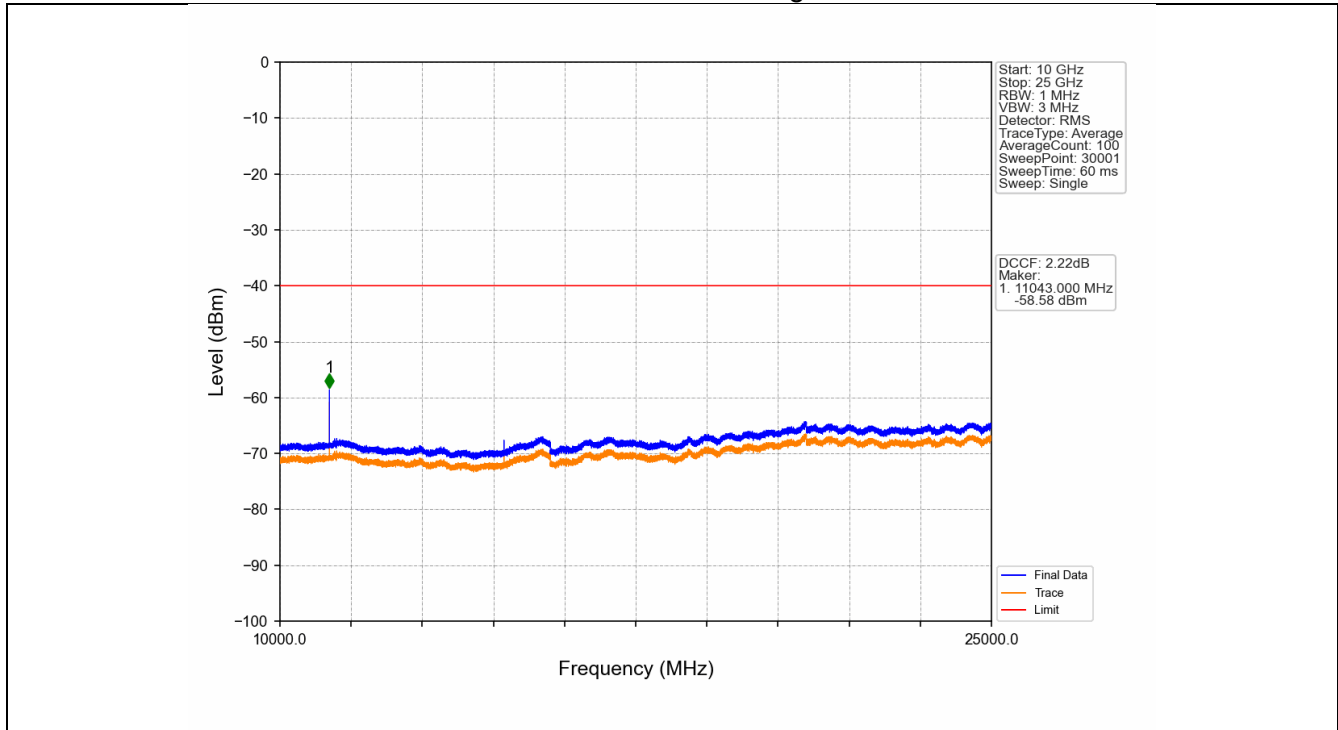
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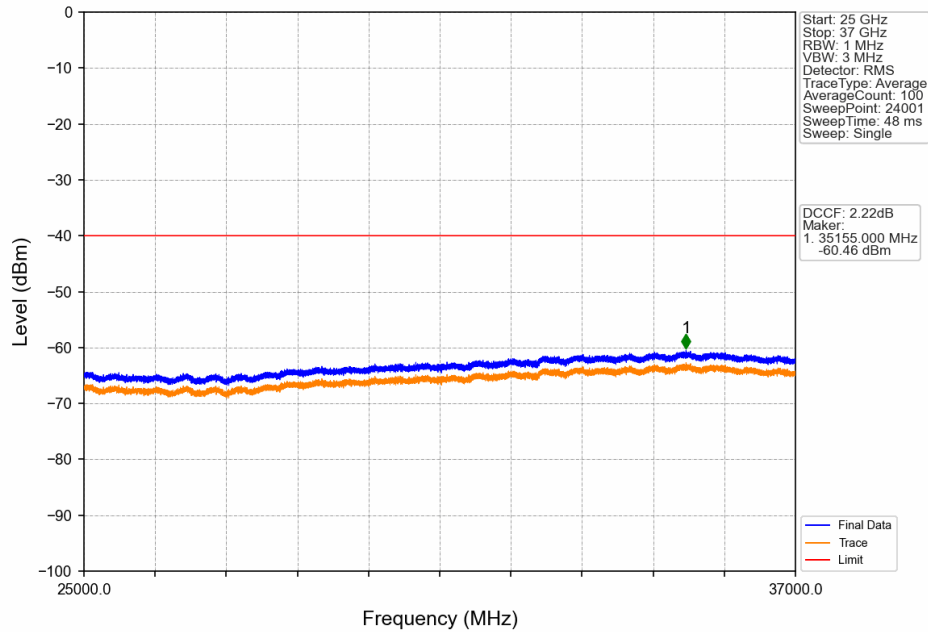
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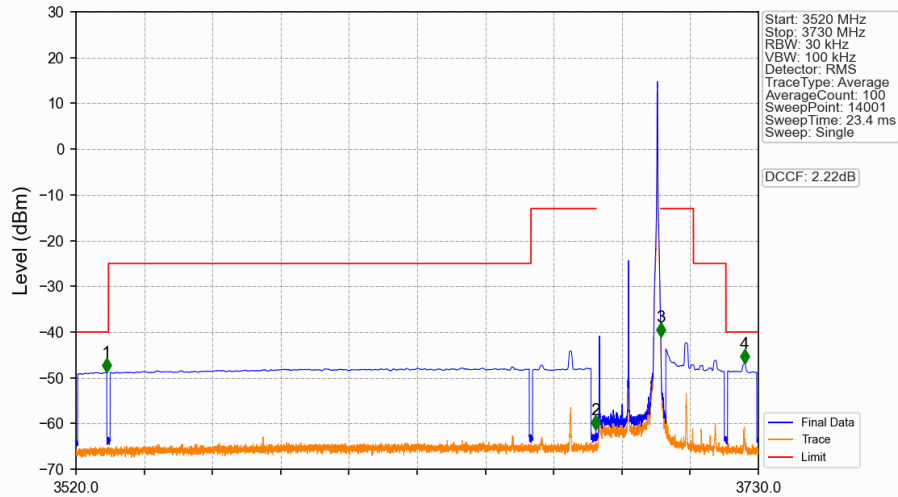
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3520	3679	1	CHP	1	3529.360	-48.86	-40	Pass
3679	3680	0.03	/	2	3679.975	-61.37	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-41.14	-13	Pass
3701	3730	1	CHP	4	3725.695	-46.93	-40	Pass



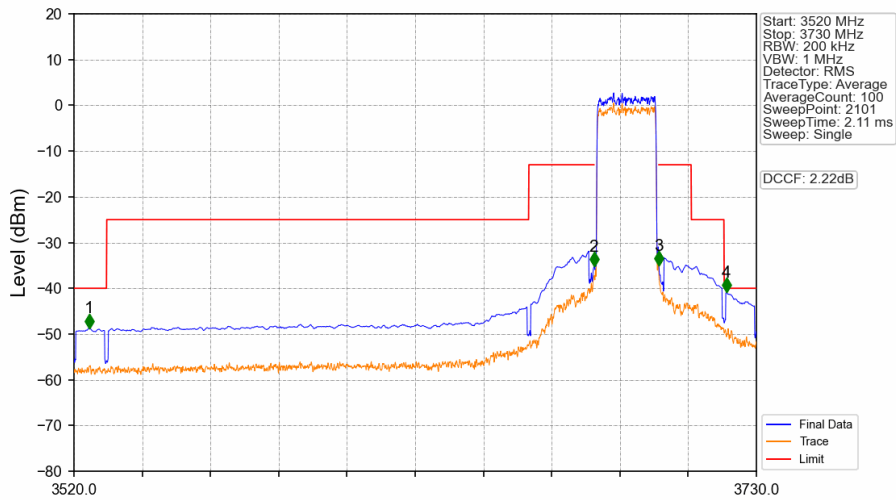
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Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3524.600	-48.71	-40	Pass
3679	3680	0.2	/	2	3680.000	-35.27	-13	Pass
3680	3700	0.2	/	3	3700.000	-35.02	-13	Pass
3700	3701	0.2	/	3	3700.000	-35.02	-13	Pass
3701	3730	1	CHP	4	3720.800	-40.91	-40	Pass



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## 6. Adjacent Channel Leakage Ratio

### 6.1 B48\_5MHz

#### 6.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

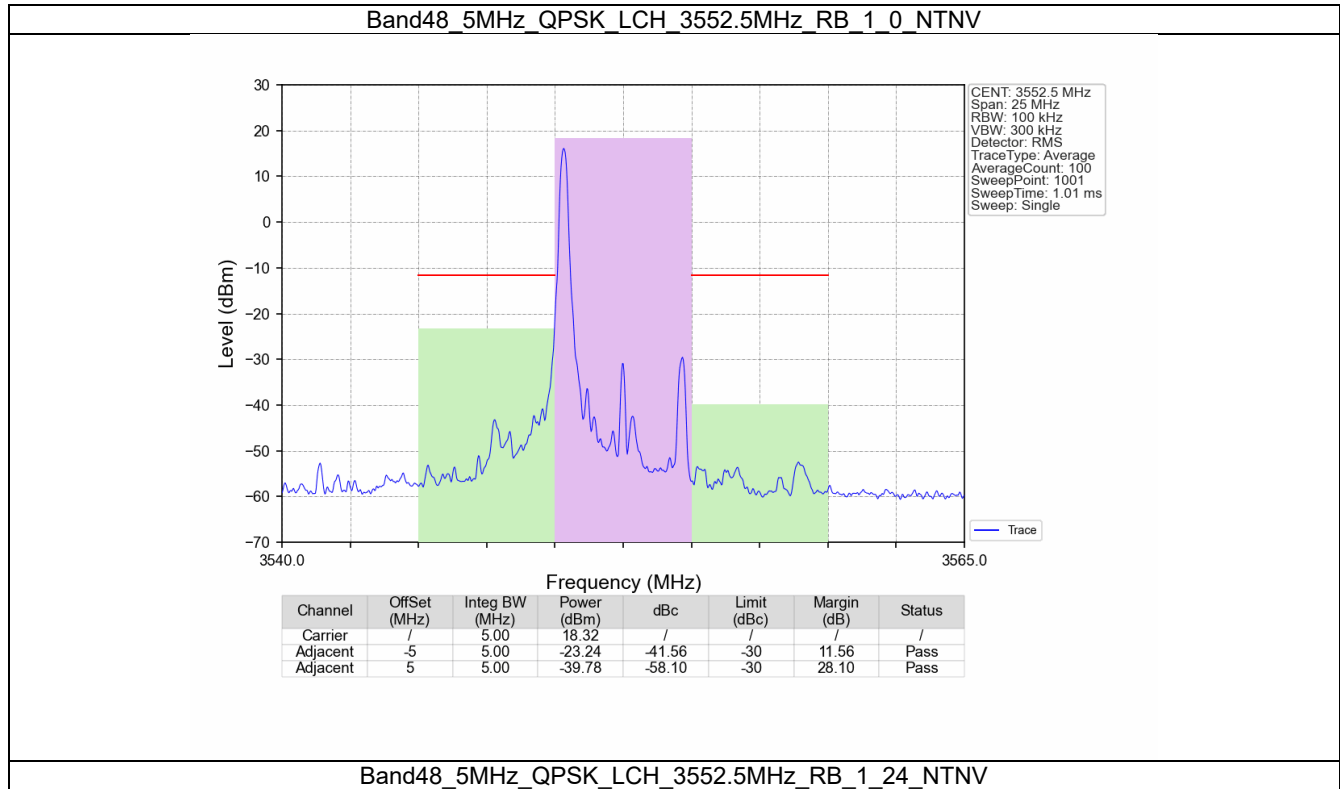


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6.1.2 Test Graph

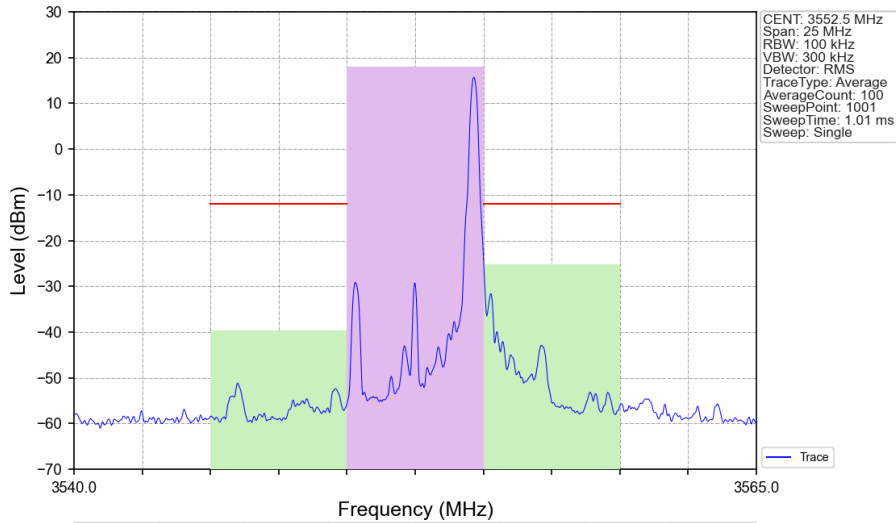


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.96	/	/	/	/
Adjacent	-5	5.00	-39.63	-57.59	-30	27.59	Pass
Adjacent	5	5.00	-25.24	-43.20	-30	13.20	Pass



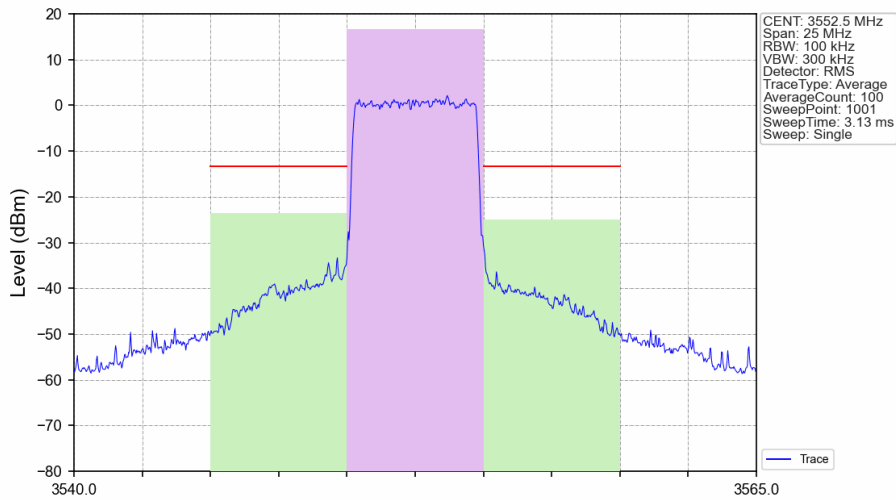
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Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.66	/	/	/	/
Adjacent	-5	5.00	-23.57	-40.23	-30	10.23	Pass
Adjacent	5	5.00	-24.95	-41.61	-30	11.61	Pass

Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV

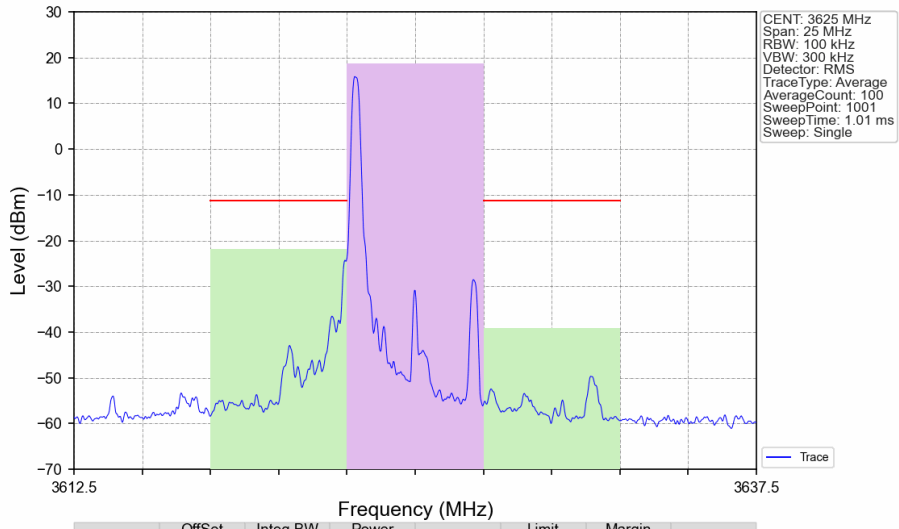


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.76	/	/	/	/
Adjacent	-5	5.00	-21.83	-40.59	-30	10.59	Pass
Adjacent	5	5.00	-39.16	-57.92	-30	27.92	Pass

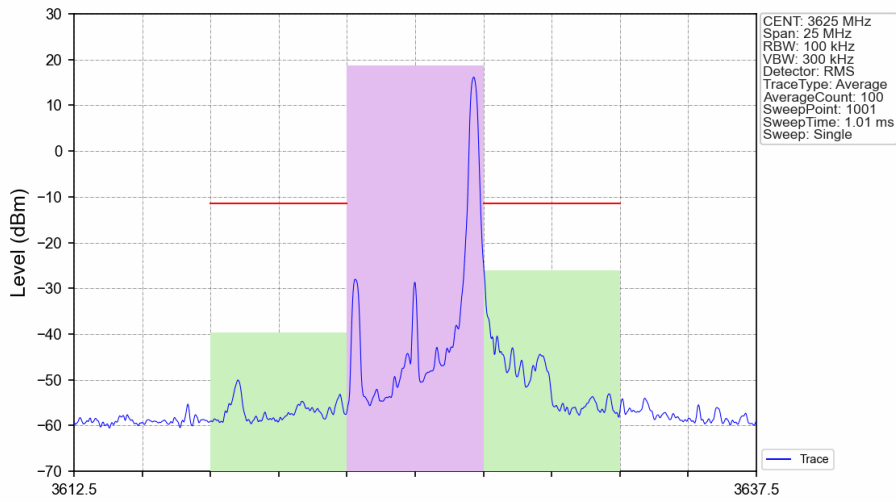


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Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_24\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.63	/	/	/	/
Adjacent	-5	5.00	-39.69	-58.32	-30	28.32	Pass
Adjacent	5	5.00	-26.14	-44.77	-30	14.77	Pass

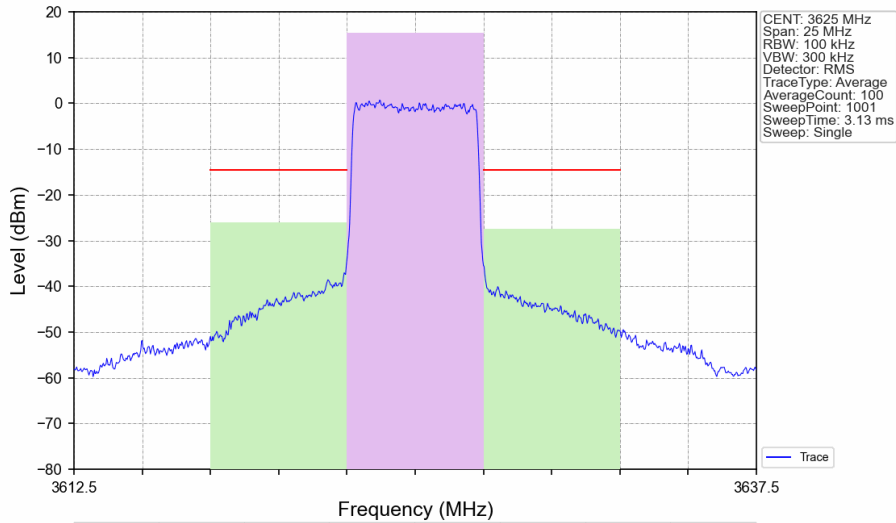
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_0\_NTNV



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.50	/	/	/	/
Adjacent	-5	5.00	-26.01	-41.51	-30	11.51	Pass
Adjacent	5	5.00	-27.36	-42.86	-30	12.86	Pass



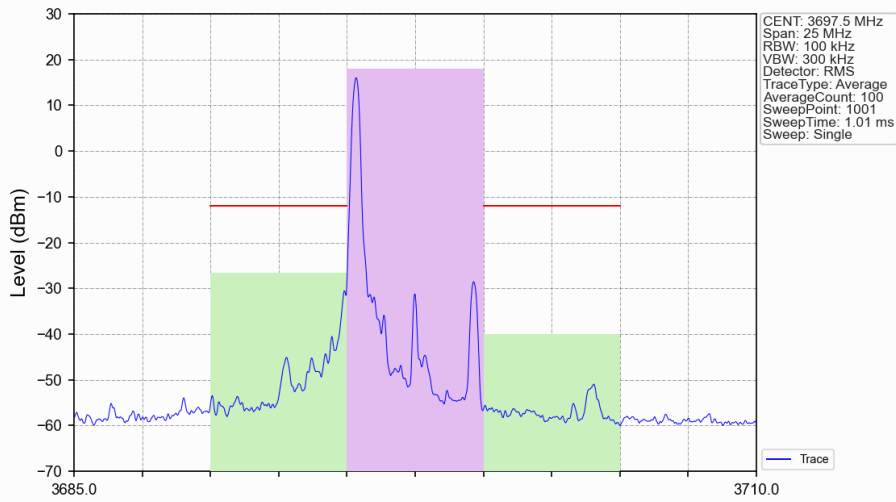
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Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.08	/	/	/	/
Adjacent	-5	5.00	-26.64	-44.72	-30	14.72	Pass
Adjacent	5	5.00	-39.99	-58.07	-30	28.07	Pass

Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV

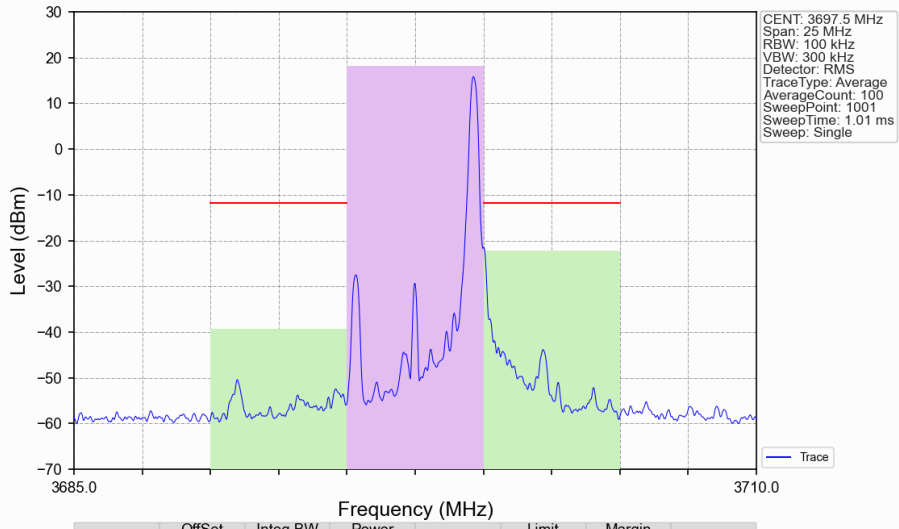


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.16	/	/	/	/
Adjacent	-5	5.00	-39.26	-57.42	-30	27.42	Pass
Adjacent	5	5.00	-22.25	-40.41	-30	10.41	Pass

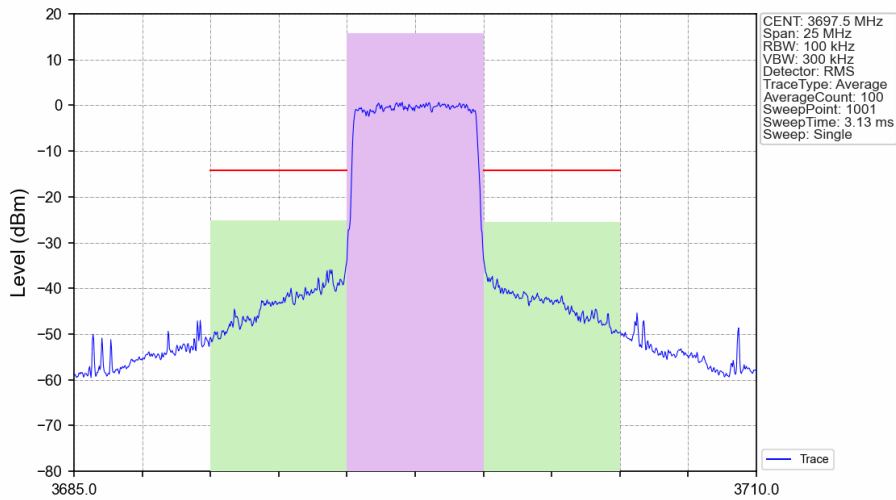


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Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.78	/	/	/	/
Adjacent	-5	5.00	-25.10	-40.88	-30	10.88	Pass
Adjacent	5	5.00	-25.55	-41.33	-30	11.33	Pass



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6.2 B48\_10MHz

6.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



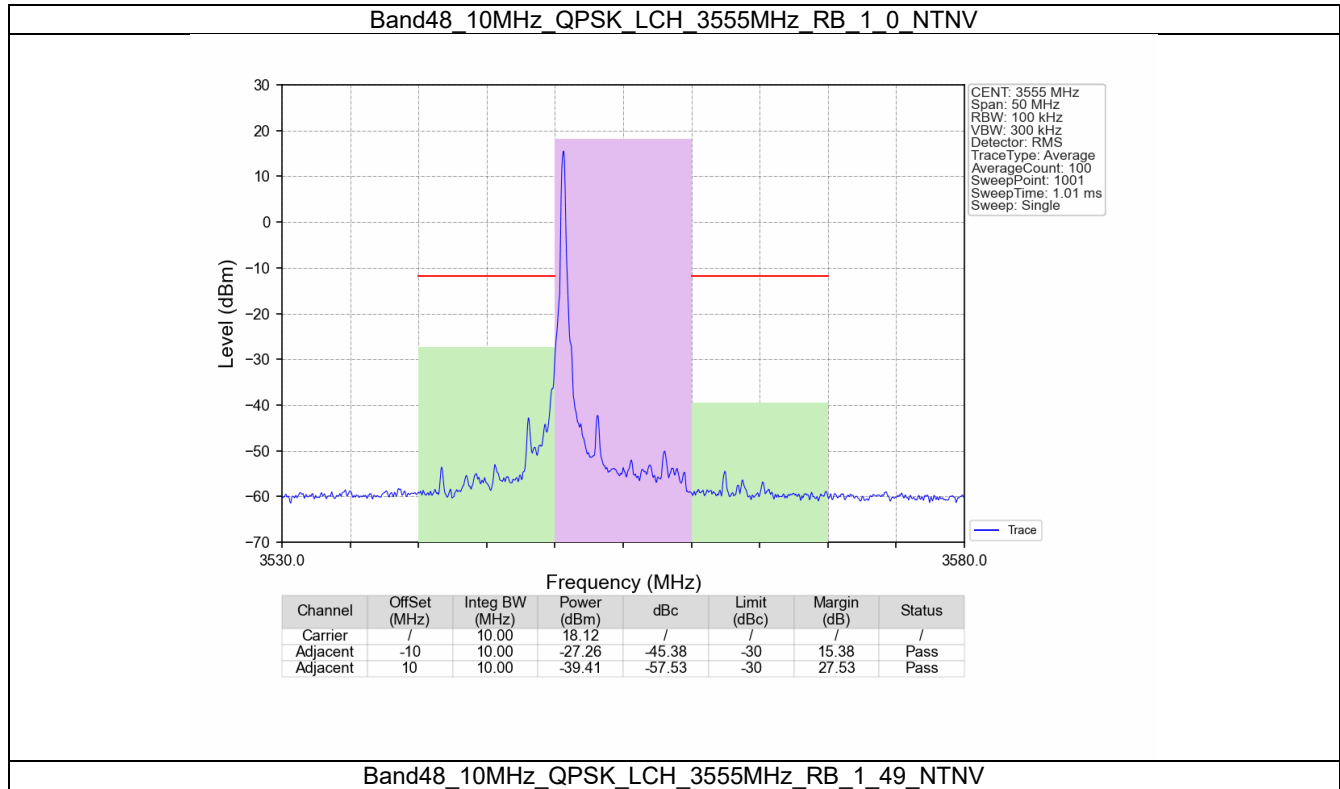
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6.2.2 Test Graph



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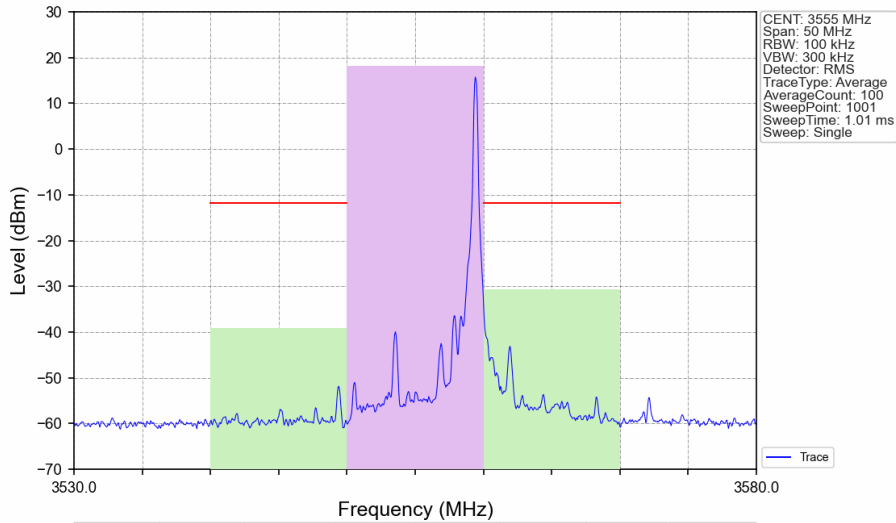
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	18.16	/	/	/	/
Adjacent	-10	10.00	-39.20	-57.36	-30	27.36	Pass
Adjacent	10	10.00	-30.63	-48.79	-30	18.79	Pass



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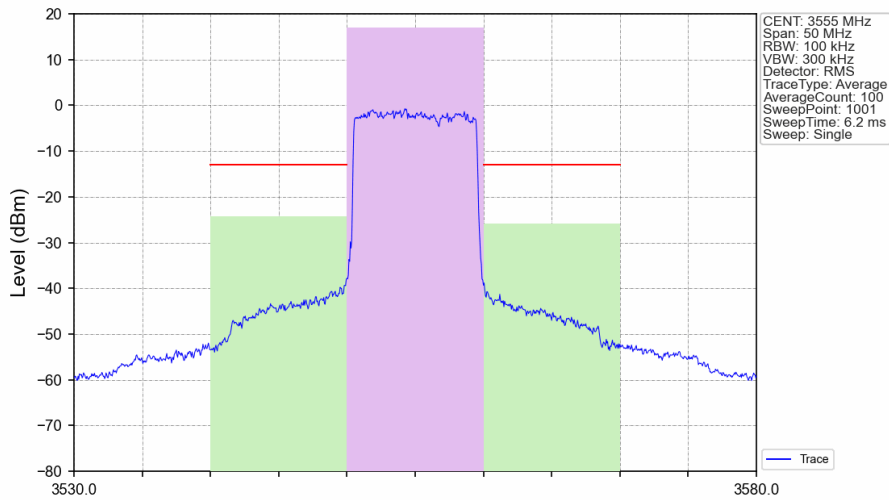
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Report No.: SUCR240500014801

Rev.: 01

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Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



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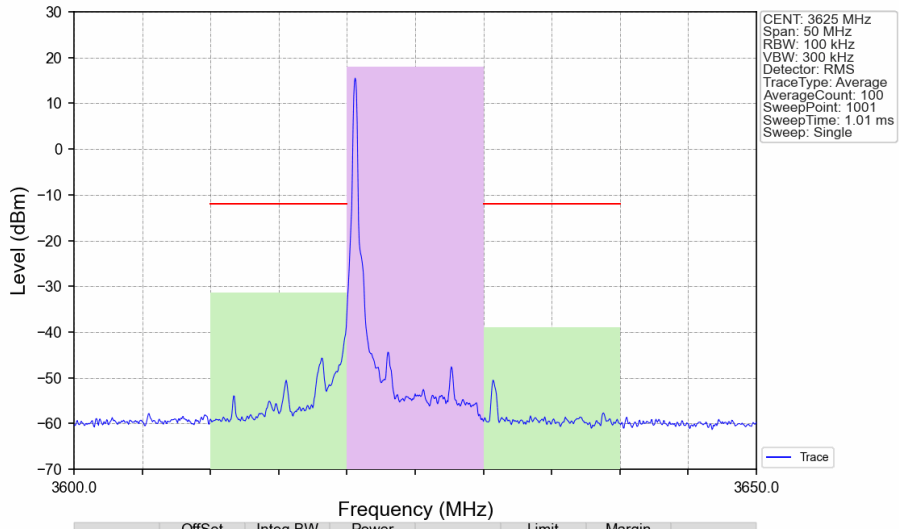
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Carrier	/	10.00	17.99	/	/	/	/
Adjacent	-10	10.00	-31.34	-49.33	-30	19.33	Pass
Adjacent	10	10.00	-38.90	-56.89	-30	26.89	Pass

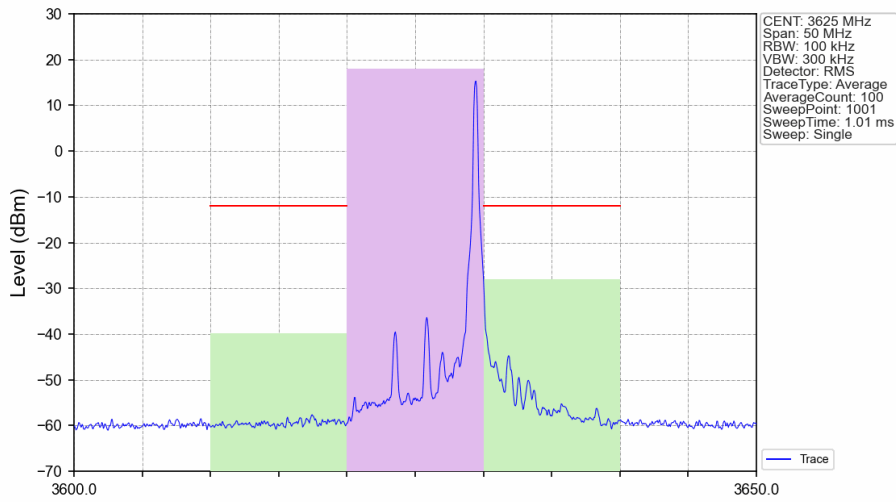


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Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_49\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	18.07	/	/	/	/
Adjacent	-10	10.00	-39.78	-57.85	-30	27.85	Pass
Adjacent	10	10.00	-28.07	-46.14	-30	16.14	Pass

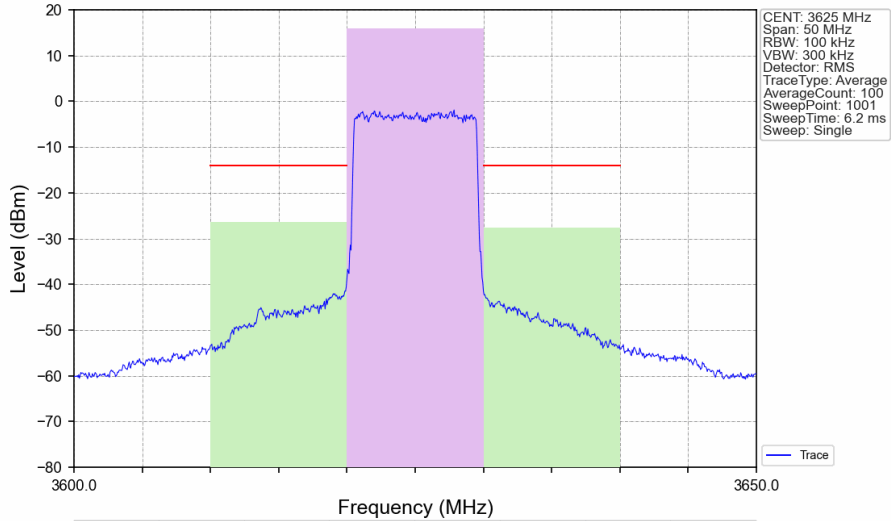
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	15.95	/	/	/	/
Adjacent	-10	10.00	-26.32	-42.27	-30	12.27	Pass
Adjacent	10	10.00	-27.70	-43.65	-30	13.65	Pass



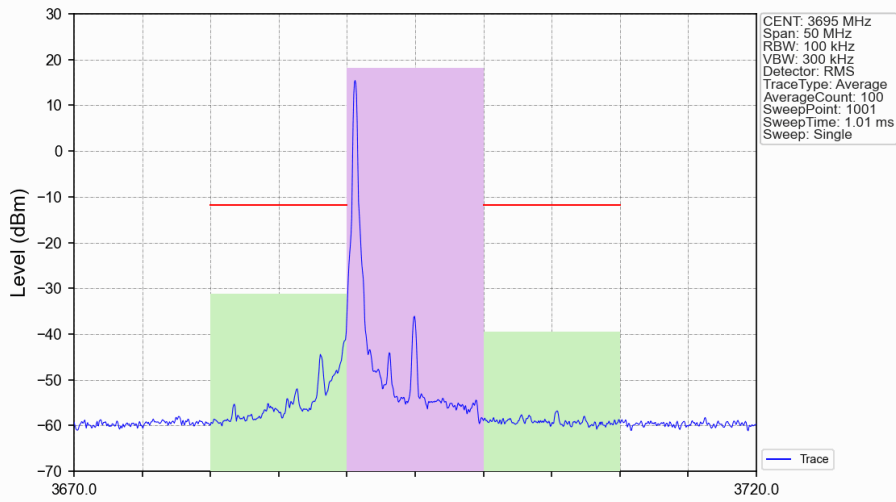
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Band48 10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	18.14	/	/	/	/
Adjacent	-10	10.00	-31.21	-49.35	-30	19.35	Pass
Adjacent	10	10.00	-39.43	-57.57	-30	27.57	Pass

Band48 10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTNV

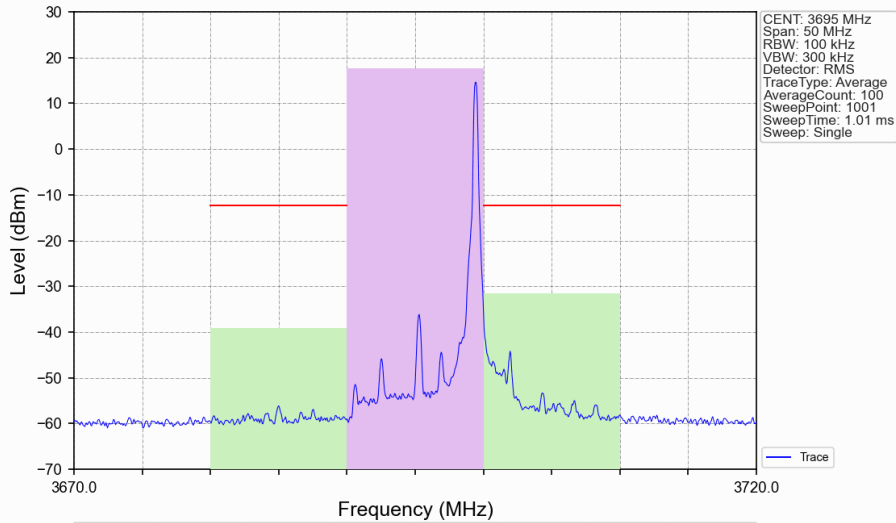


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	17.66	/	/	/	/
Adjacent	-10	10.00	-39.21	-56.87	-30	26.87	Pass
Adjacent	10	10.00	-31.63	-49.29	-30	19.29	Pass



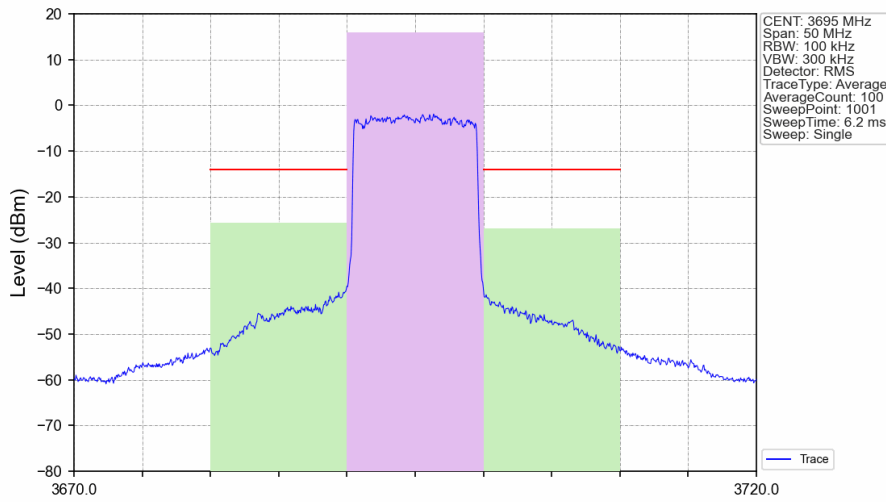
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Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	15.99	/	/	/	/
Adjacent	-10	10.00	-25.72	-41.71	-30	11.71	Pass
Adjacent	10	10.00	-26.84	-42.83	-30	12.83	Pass



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6.3 B48\_15MHz

6.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



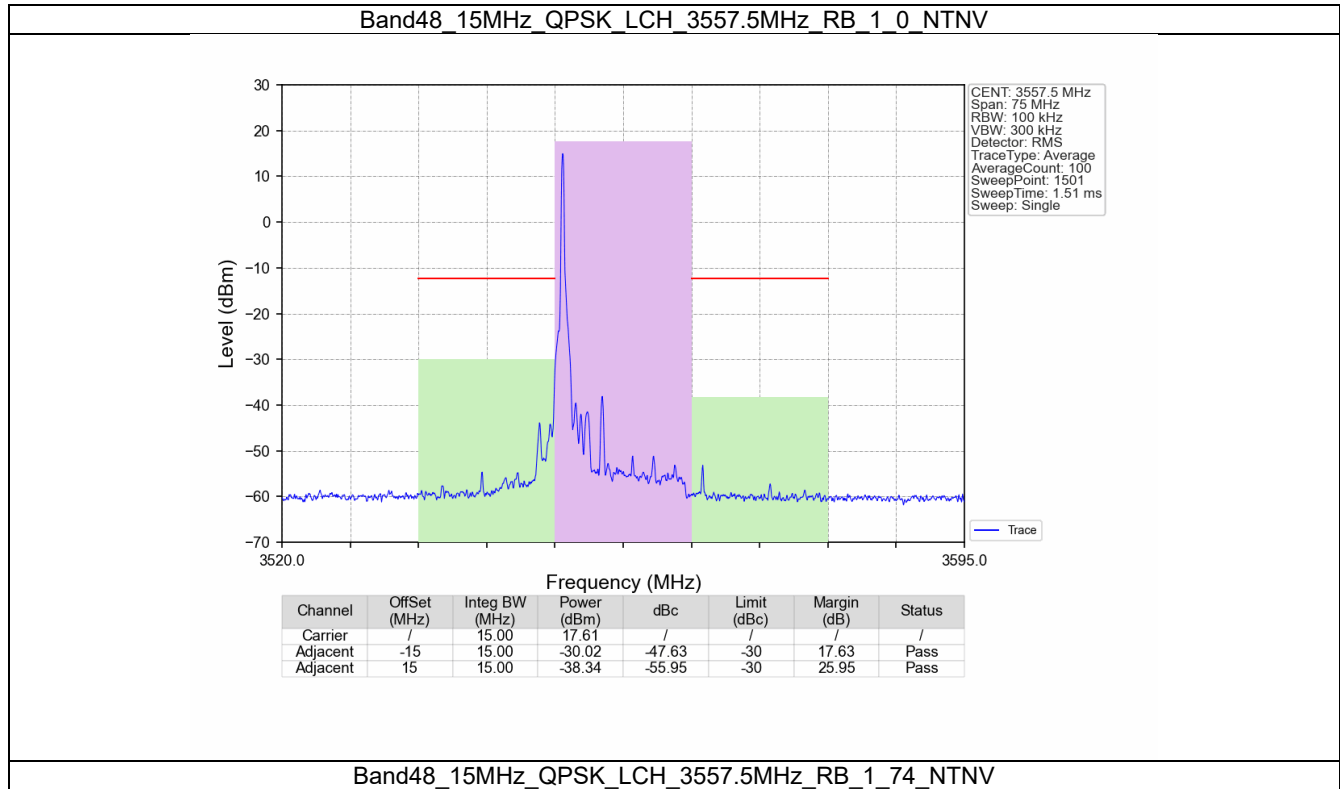
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6.3.2 Test Graph



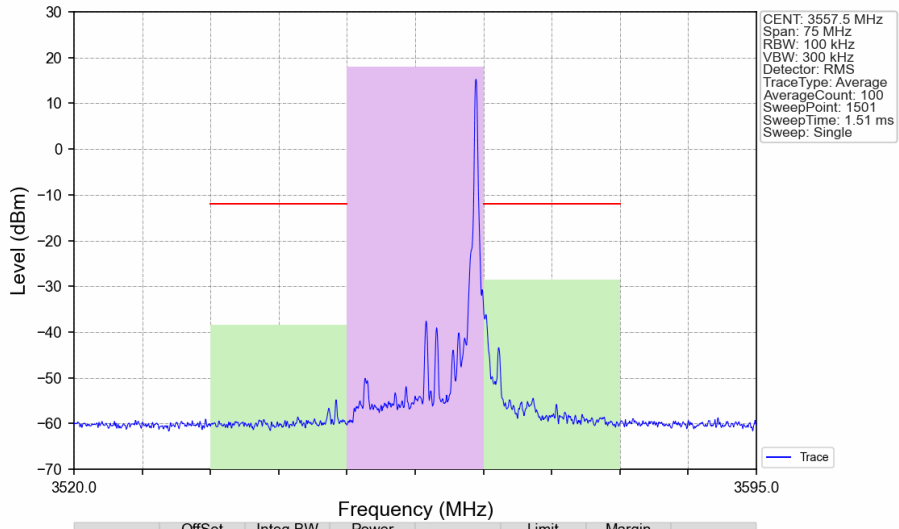
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	18.08	/	/	/	/
Adjacent	-15	15.00	-38.35	-56.43	-30	26.43	Pass
Adjacent	15	15.00	-28.63	-46.71	-30	16.71	Pass

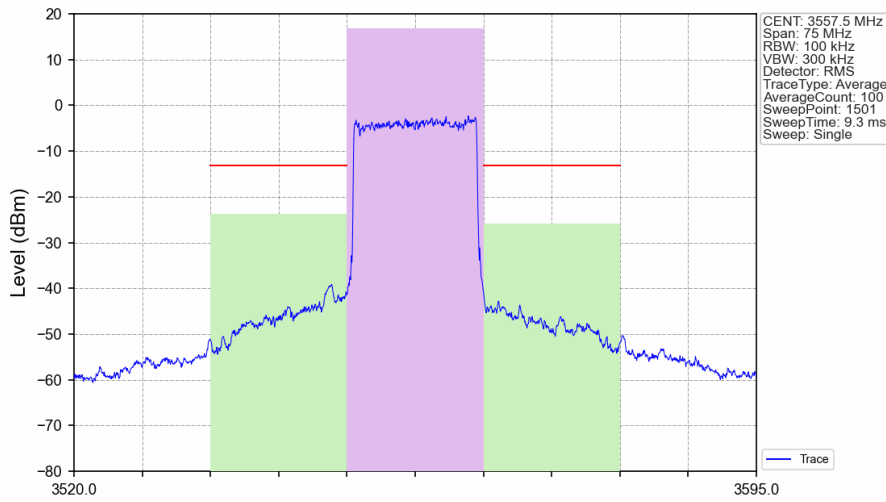


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Band48 15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.91	/	/	/	/
Adjacent	-15	15.00	-23.76	-40.67	-30	10.67	Pass
Adjacent	15	15.00	-25.79	-42.70	-30	12.70	Pass

Band48 15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV

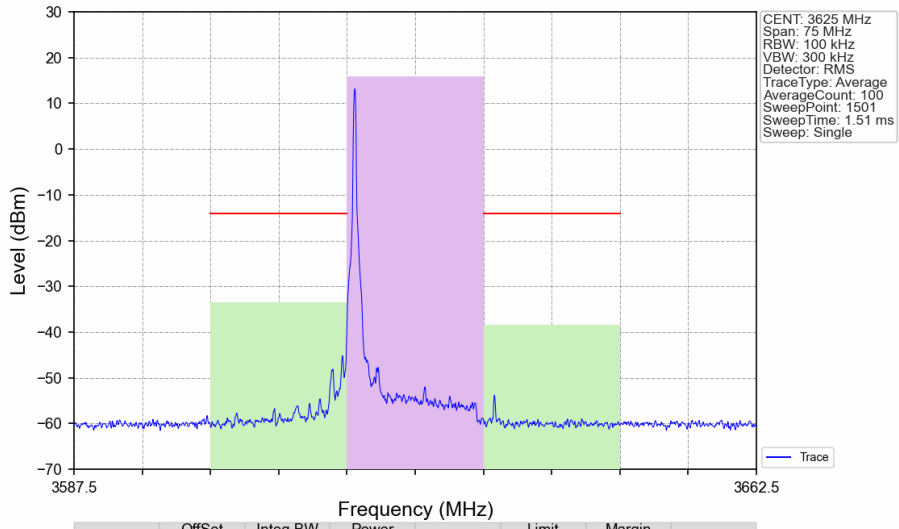


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	15.87	/	/	/	/
Adjacent	-15	15.00	-33.45	-49.32	-30	19.32	Pass
Adjacent	15	15.00	-38.38	-54.25	-30	24.25	Pass

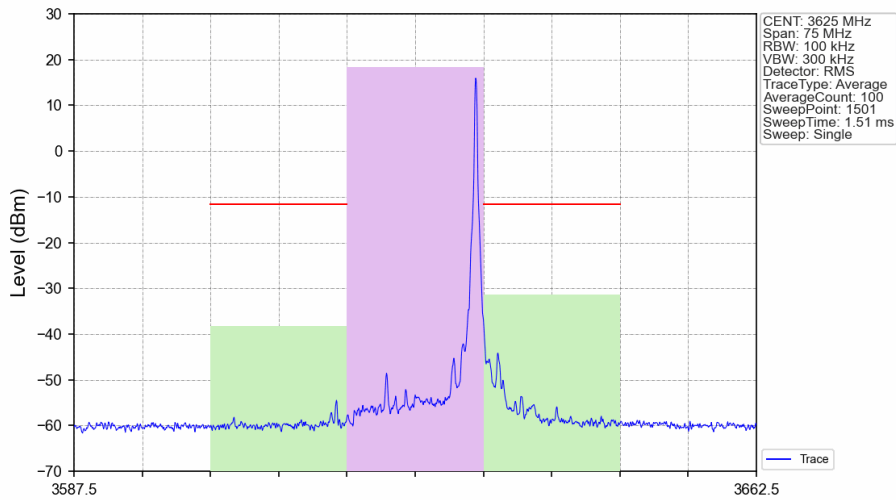


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Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_74\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	18.37	/	/	/	/
Adjacent	-15	15.00	-38.27	-56.64	-30	26.64	Pass
Adjacent	15	15.00	-31.40	-49.77	-30	19.77	Pass

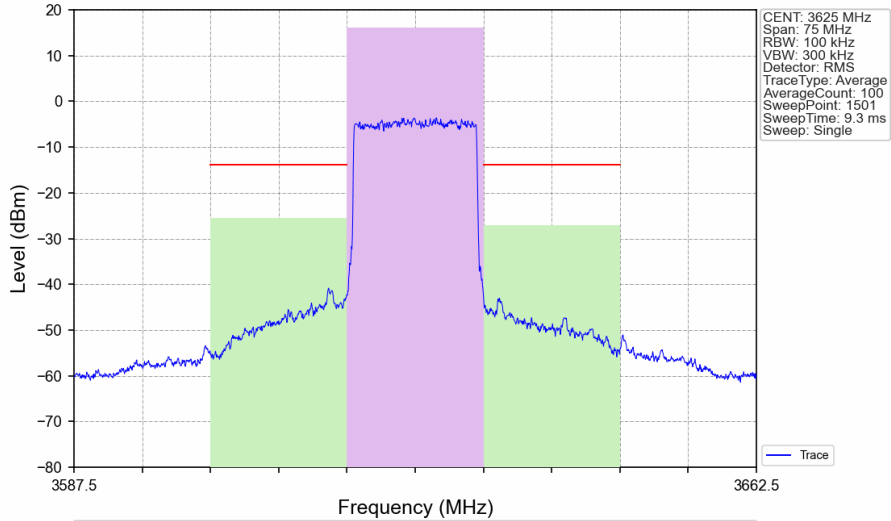
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.06	/	/	/	/
Adjacent	-15	15.00	-25.59	-41.65	-30	11.65	Pass
Adjacent	15	15.00	-27.13	-43.19	-30	13.19	Pass



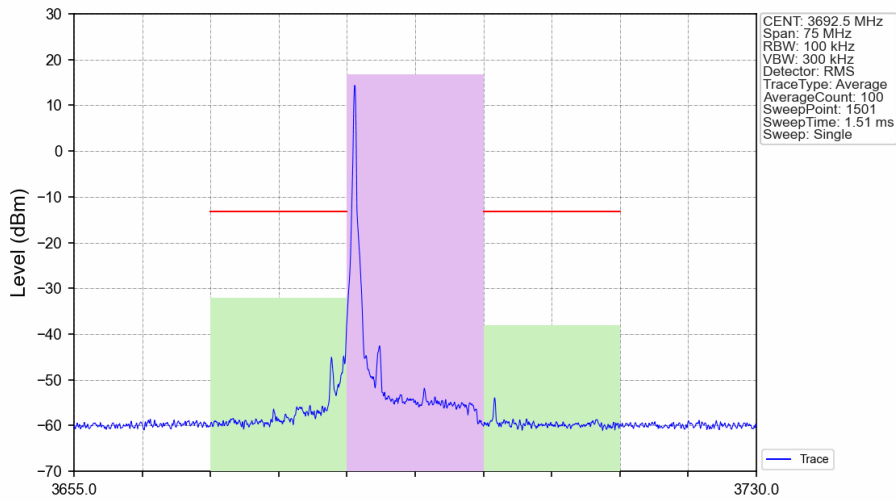
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Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.80	/	/	/	/
Adjacent	-15	15.00	-32.12	-48.92	-30	18.92	Pass
Adjacent	15	15.00	-38.12	-54.92	-30	24.92	Pass

Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



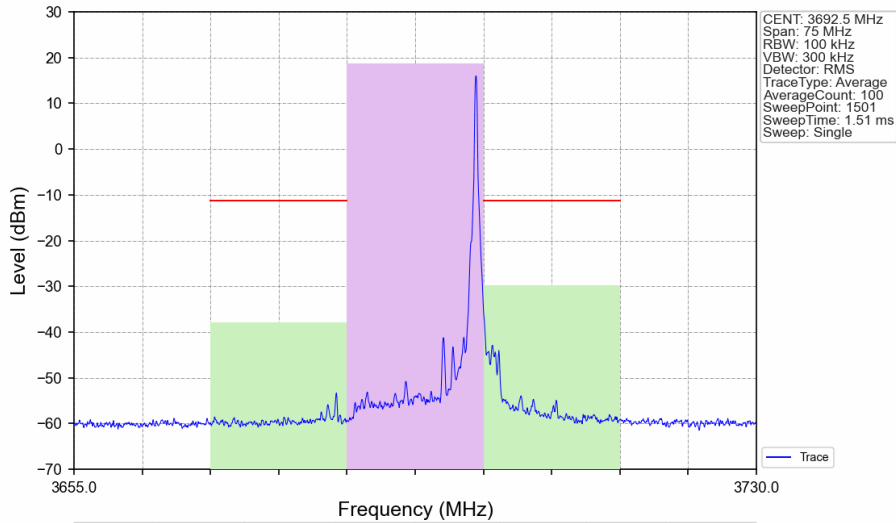
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	18.65	/	/	/	/
Adjacent	-15	15.00	-37.85	-56.50	-30	26.50	Pass
Adjacent	15	15.00	-29.84	-48.49	-30	18.49	Pass



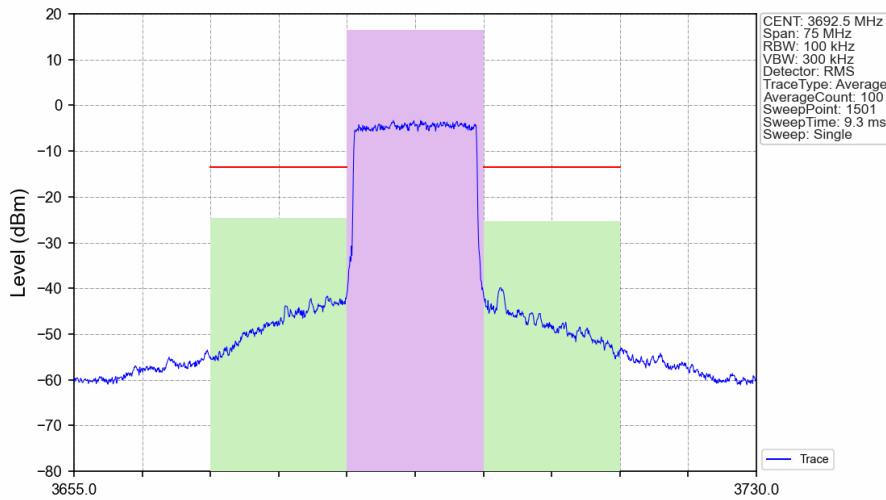
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Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.44	/	/	/	/
Adjacent	-15	15.00	-24.70	-41.14	-30	11.14	Pass
Adjacent	15	15.00	-25.24	-41.68	-30	11.68	Pass



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6.4 B48\_20MHz

6.4.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3690	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	

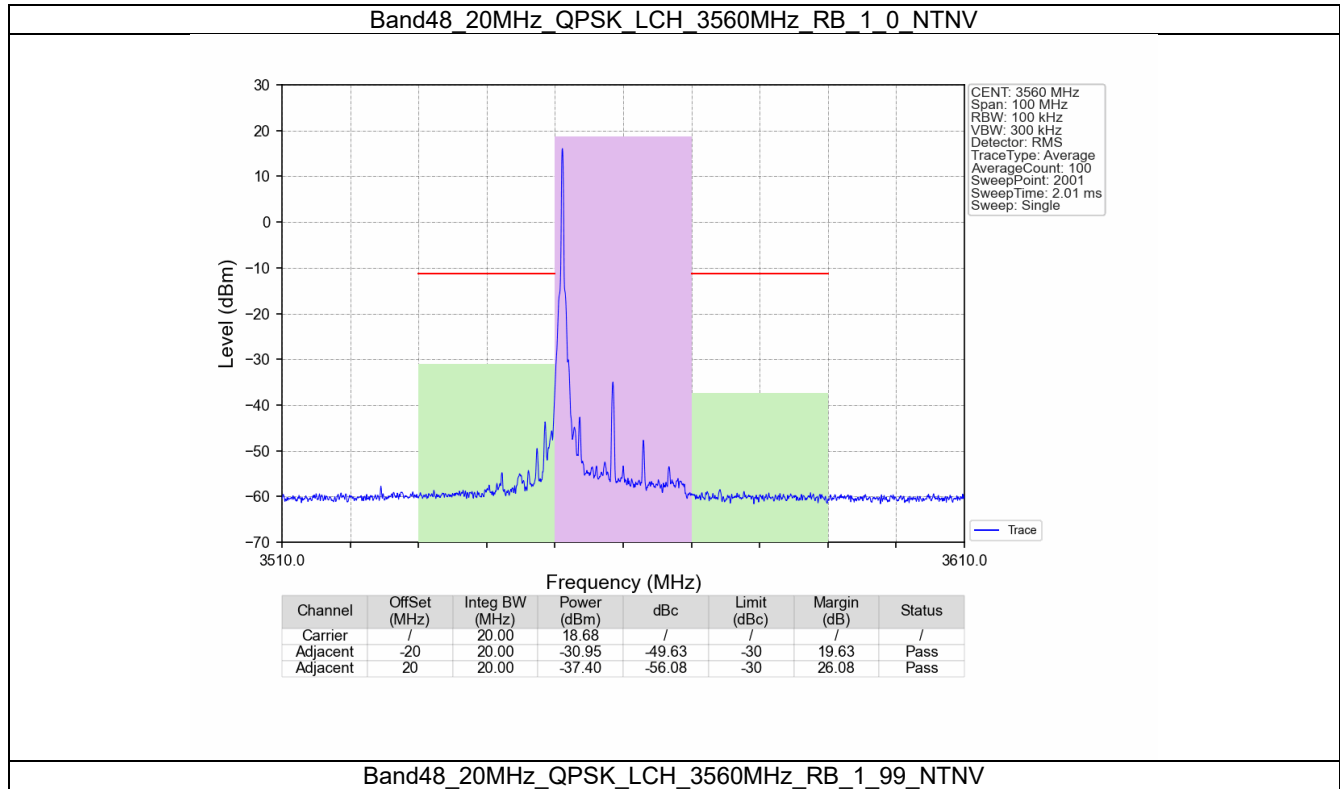


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 Wireless Laboratories

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6.4.2 Test Graph

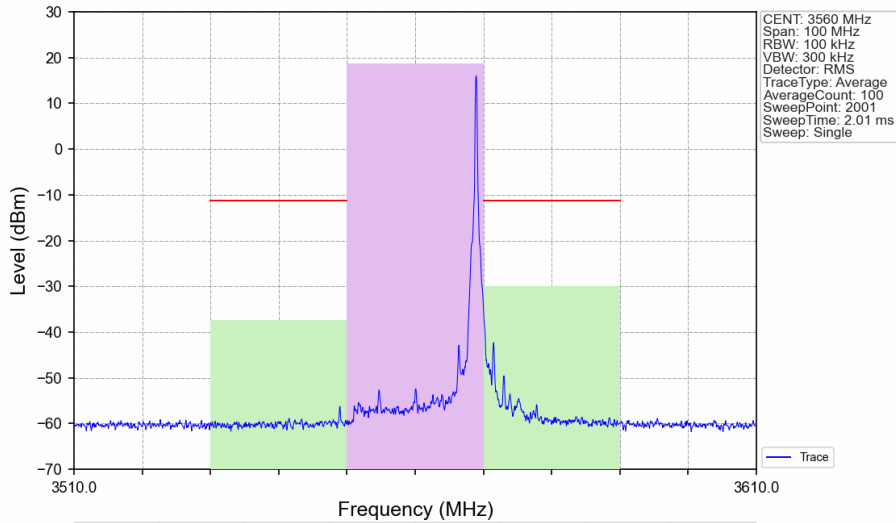


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Carrier	/	20.00	18.68	/	/	/	/
Adjacent	-20	20.00	-37.40	-56.08	-30	26.08	Pass
Adjacent	20	20.00	-29.95	-48.63	-30	18.63	Pass



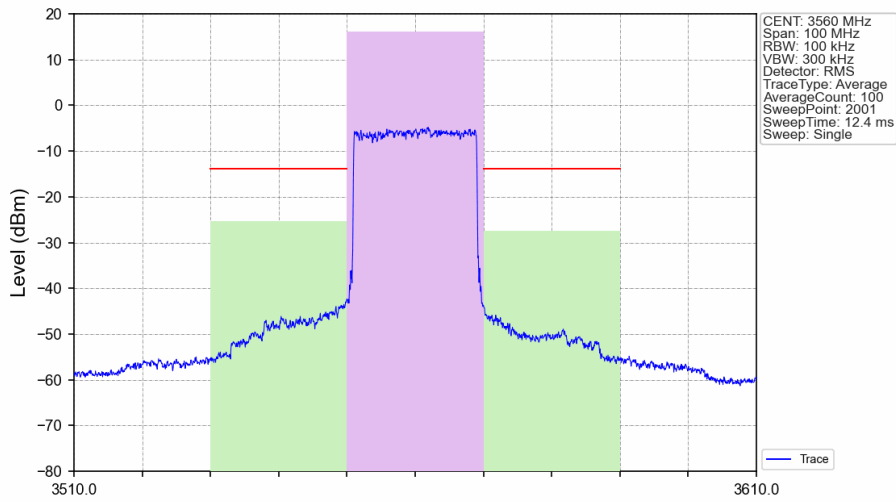
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Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.11	/	/	/	/
Adjacent	-20	20.00	-25.31	-41.42	-30	11.42	Pass
Adjacent	20	20.00	-27.38	-43.49	-30	13.49	Pass

Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV

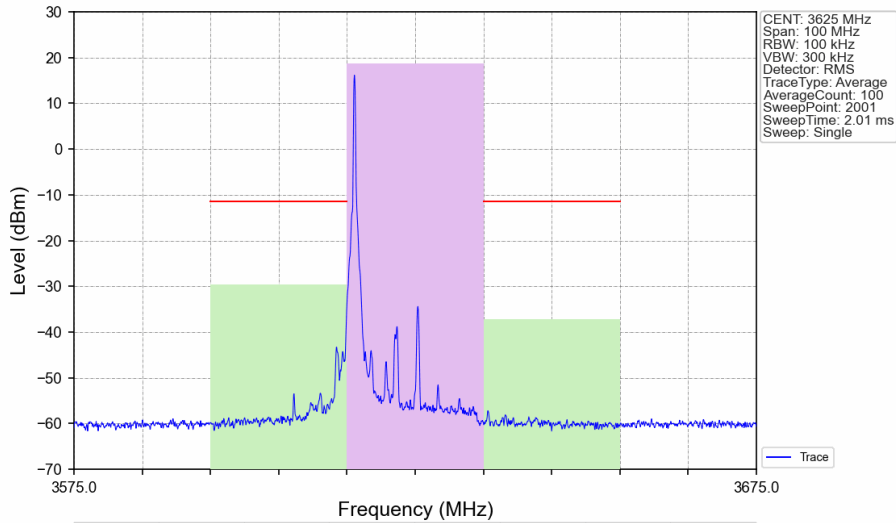


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	18.63	/	/	/	/
Adjacent	-20	20.00	-29.64	-48.27	-30	18.27	Pass
Adjacent	20	20.00	-37.23	-55.86	-30	25.86	Pass



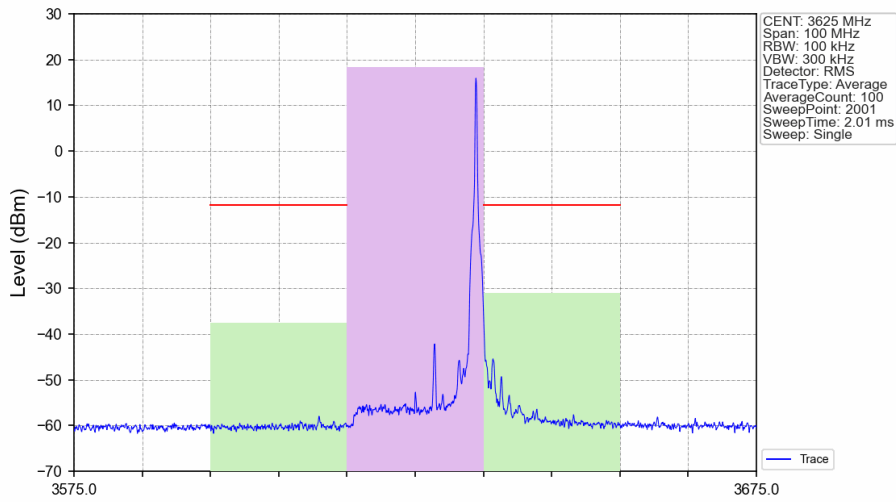
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Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_99\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	18.28	/	/	/	/
Adjacent	-20	20.00	-37.52	-55.80	-30	25.80	Pass
Adjacent	20	20.00	-31.07	-49.35	-30	19.35	Pass

Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



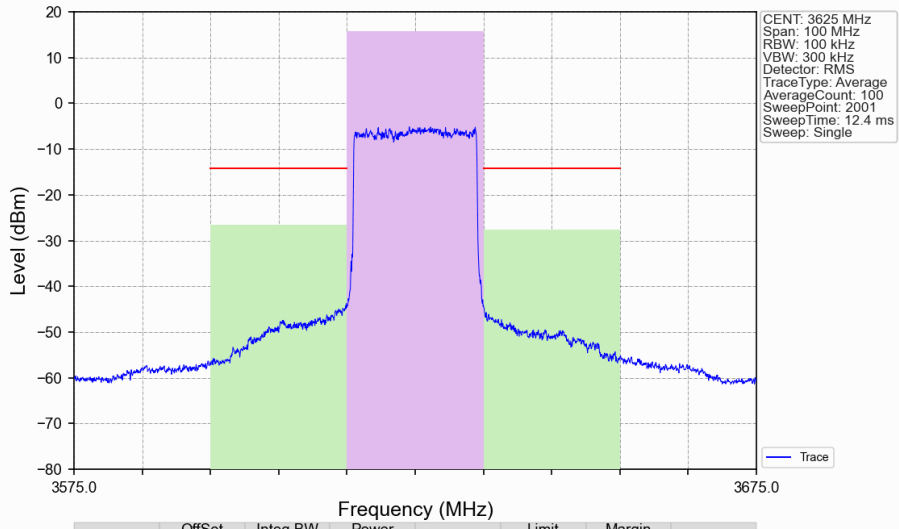
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CENT: 3625 MHz  
 Span: 100 MHz  
 RBW: 100 kHz  
 VBW: 300 kHz  
 Detector: RMS  
 Trace Type: Average  
 AverageCount: 100  
 SweepPoint: 2001  
 SweepTime: 12.4 ms  
 Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.74	/	/	/	/
Adjacent	-20	20.00	-26.48	-42.22	-30	12.22	Pass
Adjacent	20	20.00	-27.70	-43.44	-30	13.44	Pass

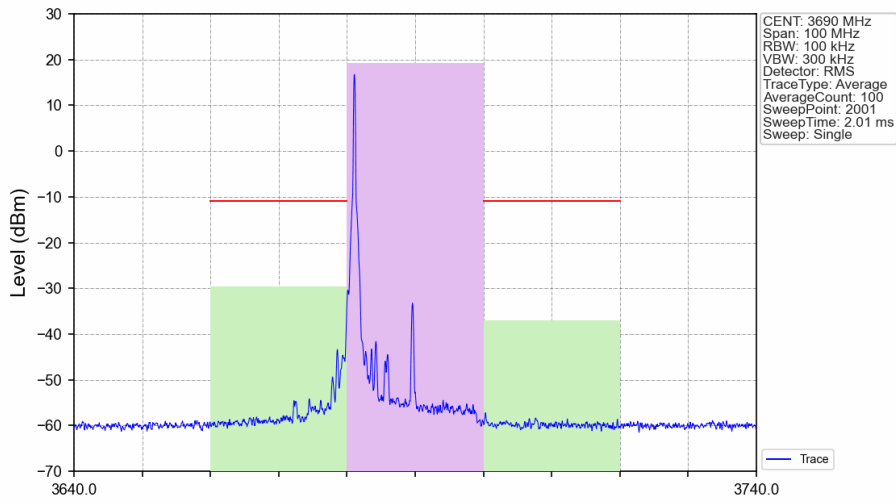


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Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	19.17	/	/	/	/
Adjacent	-20	20.00	-29.67	-48.84	-30	18.84	Pass
Adjacent	20	20.00	-37.09	-56.26	-30	26.26	Pass

Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTNV

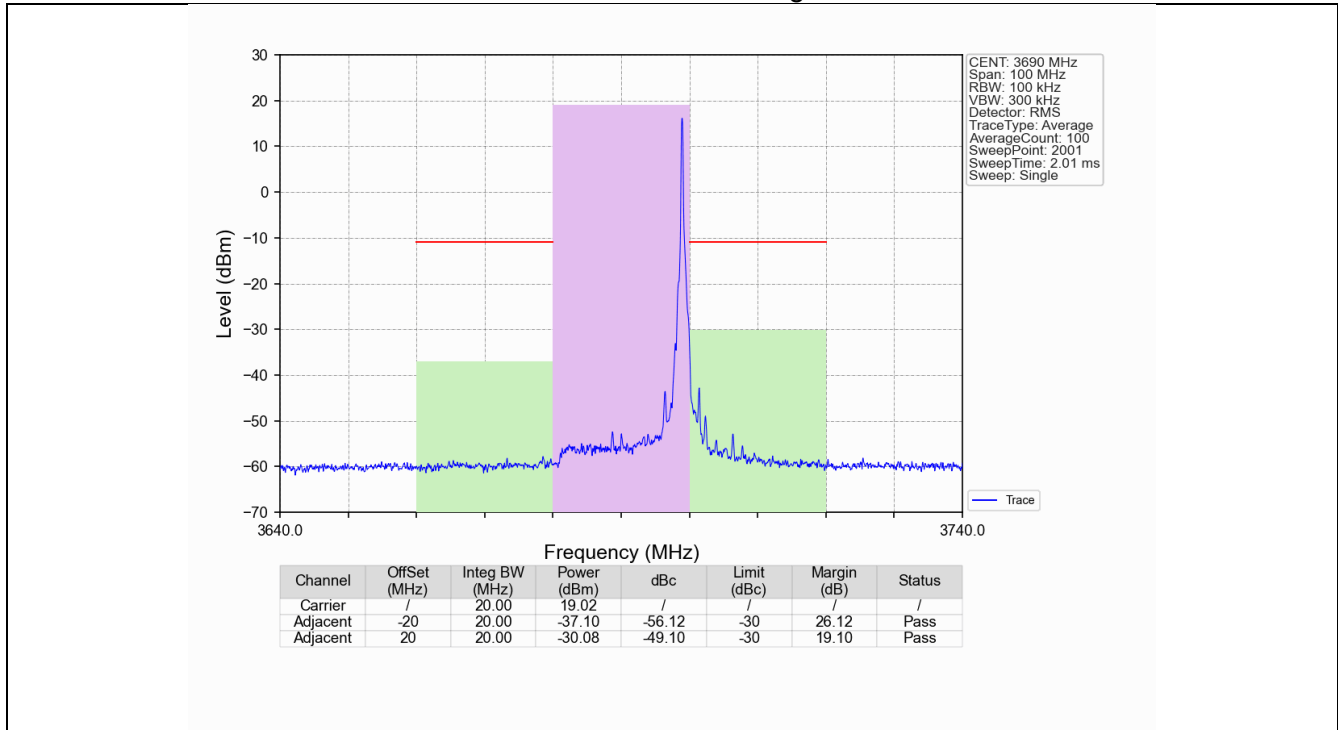


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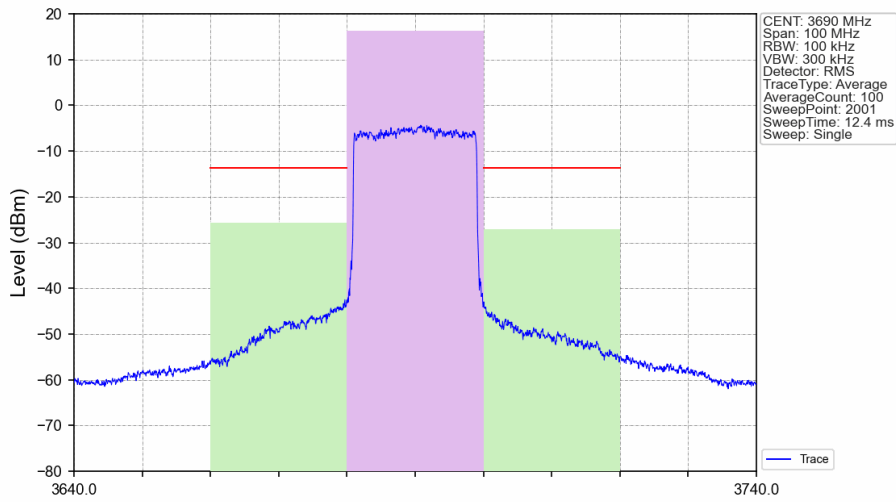
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Band48 20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.26	/	/	/	/
Adjacent	-20	20.00	-25.60	-41.86	-30	11.86	Pass
Adjacent	20	20.00	-27.02	-43.28	-30	13.28	Pass



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## 7. Field Strength of Spurious Radiation

Test Band = LTE BAND 48\_TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8927.4583	41.62	-43.57	37.50	-59.71	-40.00	19.71	Horizontal
2	12276.3542	37.90	-39.42	39.03	-57.75	-40.00	17.75	Horizontal
3	7102.18	49.52	-46.09	35.85	-55.99	-40.00	15.99	Horizontal
4	10653.27	37.33	-40.99	39.09	-59.83	-40.00	19.83	Horizontal
5	14204.36	34.63	-38.18	40.74	-58.07	-40.00	18.07	Horizontal
6	17755.45	33.51	-37.93	43.74	-55.94	-40.00	15.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8934.6458	41.54	-43.58	37.51	-59.79	-40.00	19.79	Vertical
2	13393.7708	37.38	-39.01	39.51	-57.38	-40.00	17.38	Vertical
3	7102.18	50.21	-46.09	35.85	-55.30	-40.00	15.30	Vertical
4	10653.27	41.95	-40.99	39.09	-55.21	-40.00	15.21	Vertical
5	14204.36	33.89	-38.18	40.74	-58.81	-40.00	18.81	Vertical
6	17755.45	34.52	-37.93	43.74	-54.93	-40.00	14.93	Vertical



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 Rev.: 01  
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Test Band = LTE BAND 48\_TM1  
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8930.3333	41.67	-43.57	37.50	-59.66	-40.00	19.66	Horizontal
2	12260.0625	37.71	-39.49	39.04	-58.00	-40.00	18.00	Horizontal
3	17678.9583	35.72	-37.60	43.25	-53.89	-40.00	13.89	Horizontal
4	7232.18	45.50	-45.63	36.16	-59.23	-40.00	19.23	Horizontal
5	10848.27	37.47	-40.31	39.26	-58.84	-40.00	18.84	Horizontal
6	14464.36	35.19	-38.47	40.53	-58.01	-40.00	18.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7232.1667	52.42	-45.63	36.16	-52.31	-40.00	12.31	Vertical
2	8942.3125	42.03	-43.58	37.52	-59.29	-40.00	19.29	Vertical
3	12066.9583	37.74	-39.12	39.16	-57.48	-40.00	17.48	Vertical
4	17907.0417	35.71	-37.24	44.71	-52.09	-40.00	12.09	Vertical
5	10848.27	40.00	-40.31	39.26	-56.31	-40.00	16.31	Vertical
6	14464.36	35.41	-38.47	40.53	-57.79	-40.00	17.79	Vertical



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 Rev.: 01  
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Test Band = LTE BAND 48\_ TM1  
 Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7362.0208	46.08	-45.73	36.47	-58.44	-40.00	18.44	Horizontal
2	9171.3542	40.70	-43.00	37.75	-59.81	-40.00	19.81	Horizontal
3	11994.6042	37.92	-38.63	39.20	-56.77	-40.00	16.77	Horizontal
4	17429.3125	35.91	-36.89	41.65	-54.59	-40.00	14.59	Horizontal
5	11043.27	36.93	-40.34	39.39	-59.28	-40.00	19.28	Horizontal
6	14724.36	35.30	-38.02	40.32	-57.66	-40.00	17.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9542.2292	40.60	-42.26	38.09	-58.83	-40.00	18.83	Vertical
2	13589.75	36.76	-38.35	39.96	-56.89	-40.00	16.89	Vertical
3	17982.75	36.31	-37.03	45.19	-50.79	-40.00	10.79	Vertical
4	7362.18	50.60	-45.73	36.47	-53.92	-40.00	13.92	Vertical
5	11043.27	39.95	-40.34	39.39	-56.26	-40.00	16.26	Vertical
6	14724.36	34.78	-38.02	40.32	-58.18	-40.00	18.18	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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