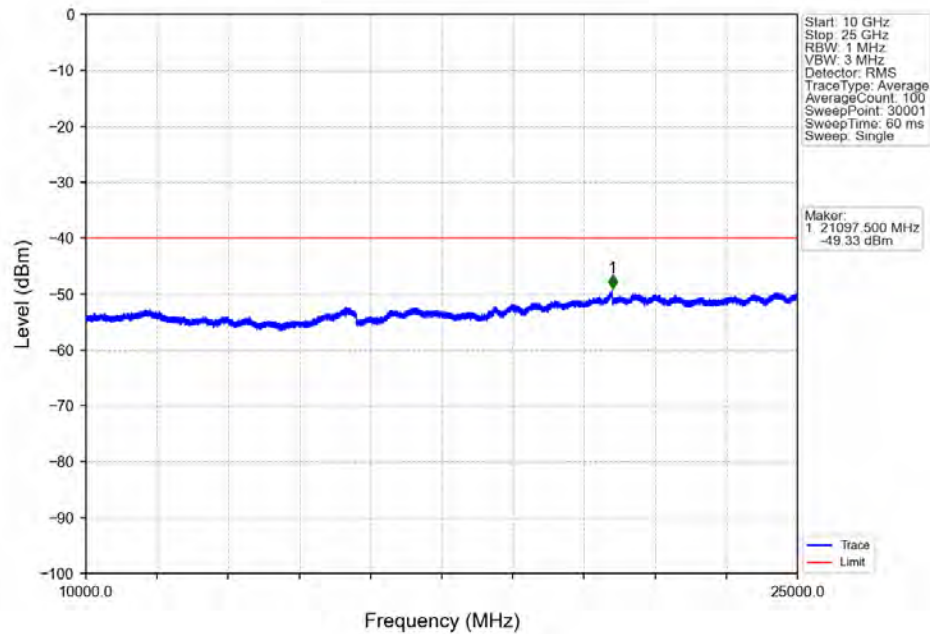


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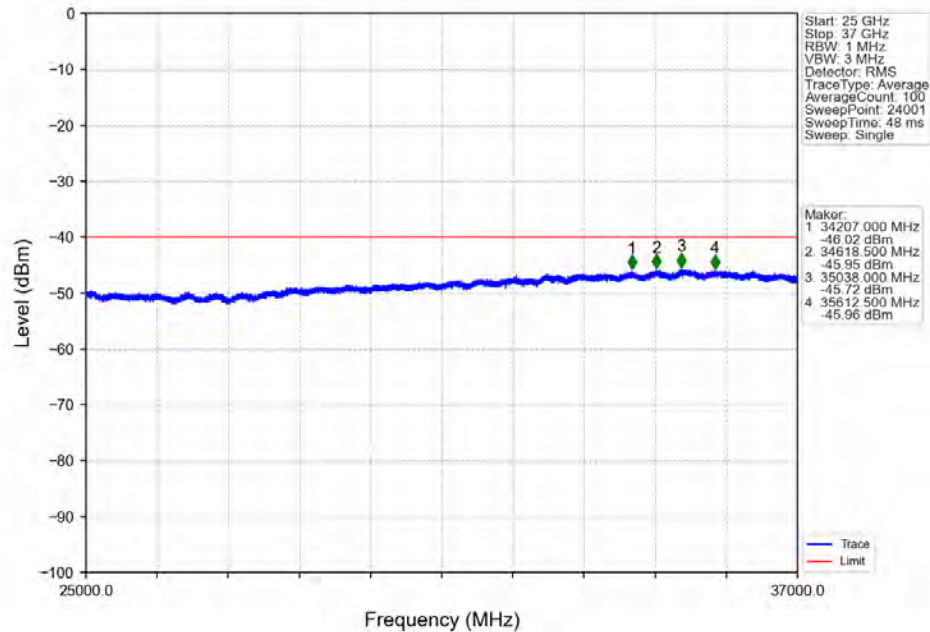
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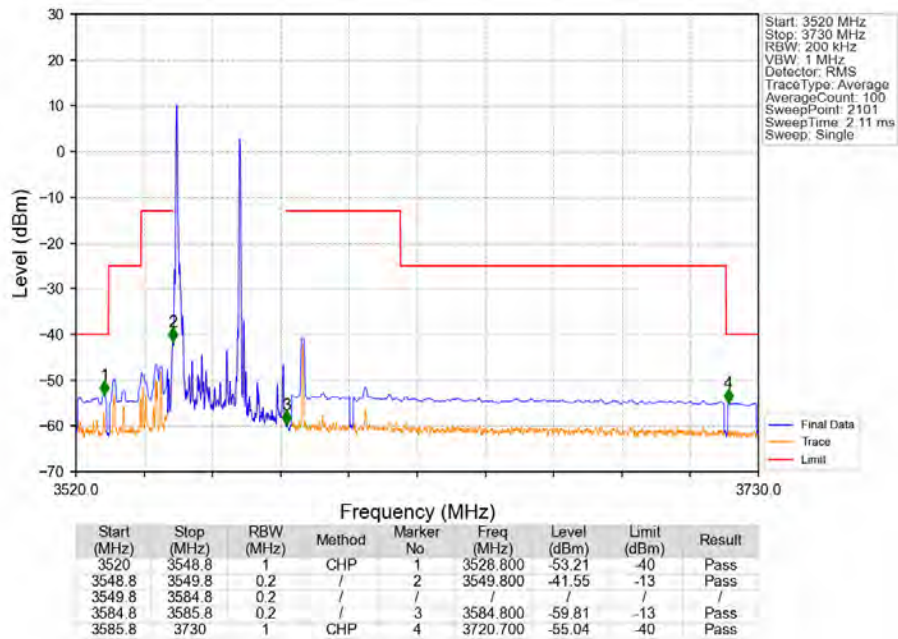
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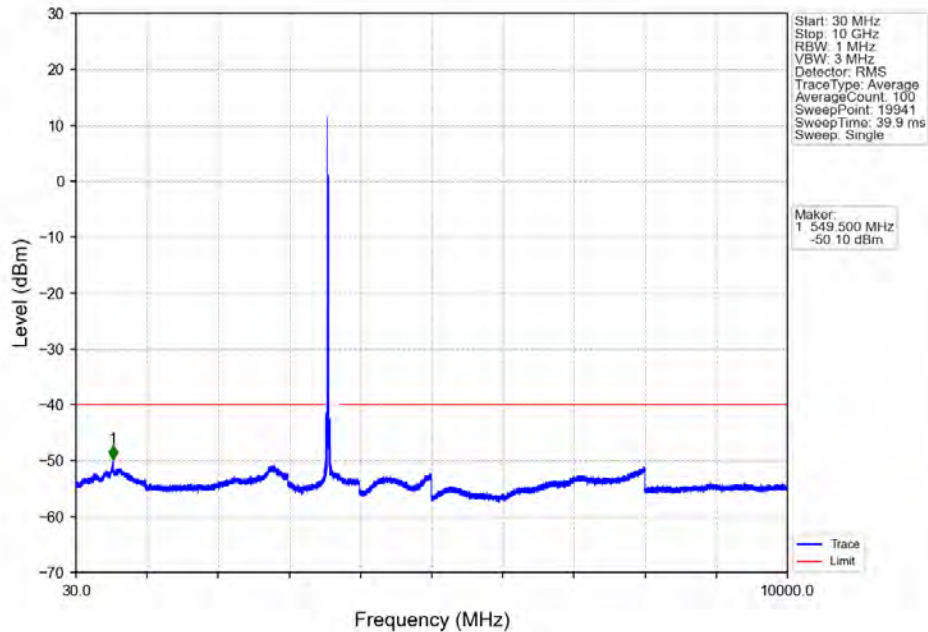
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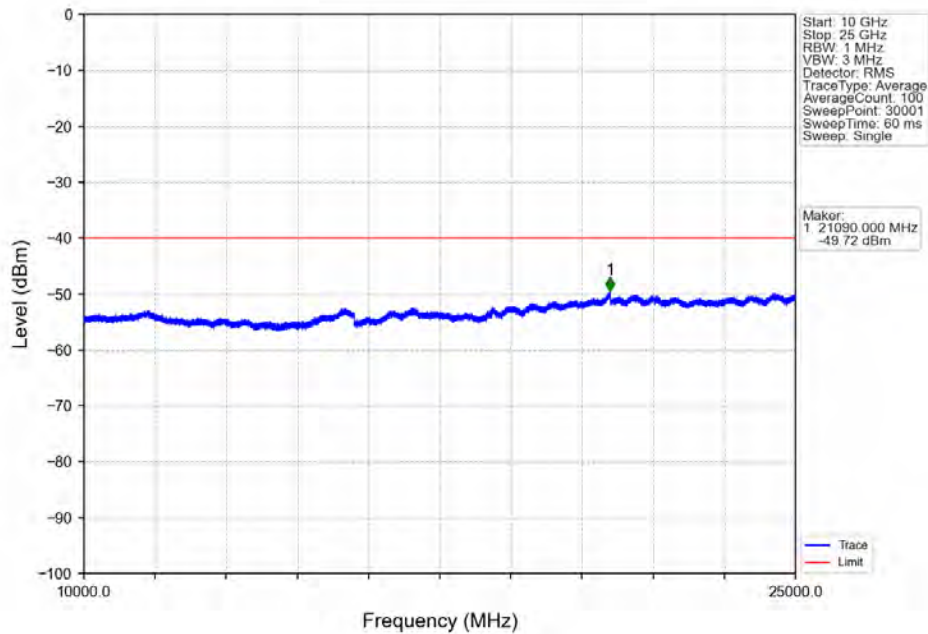
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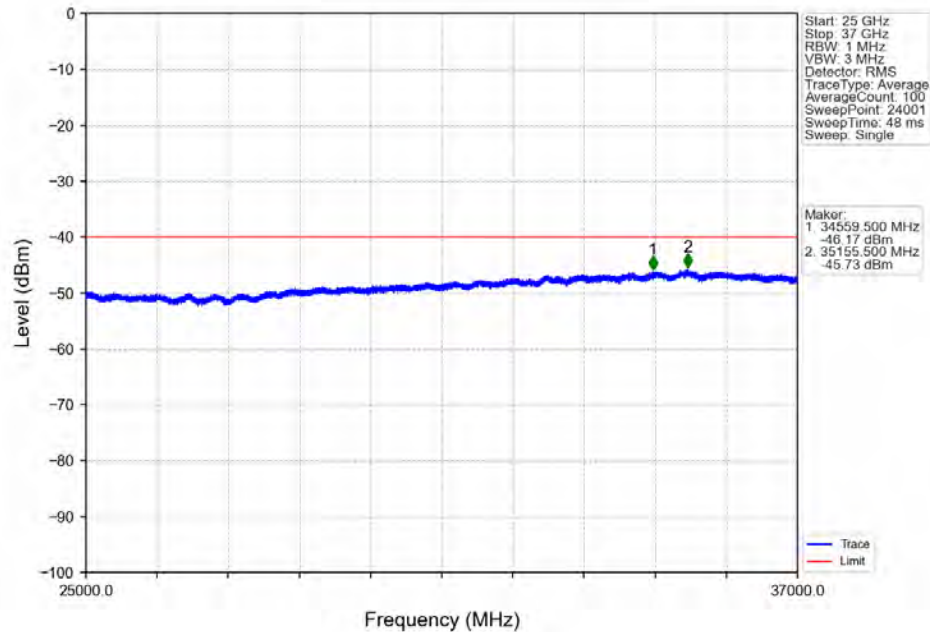
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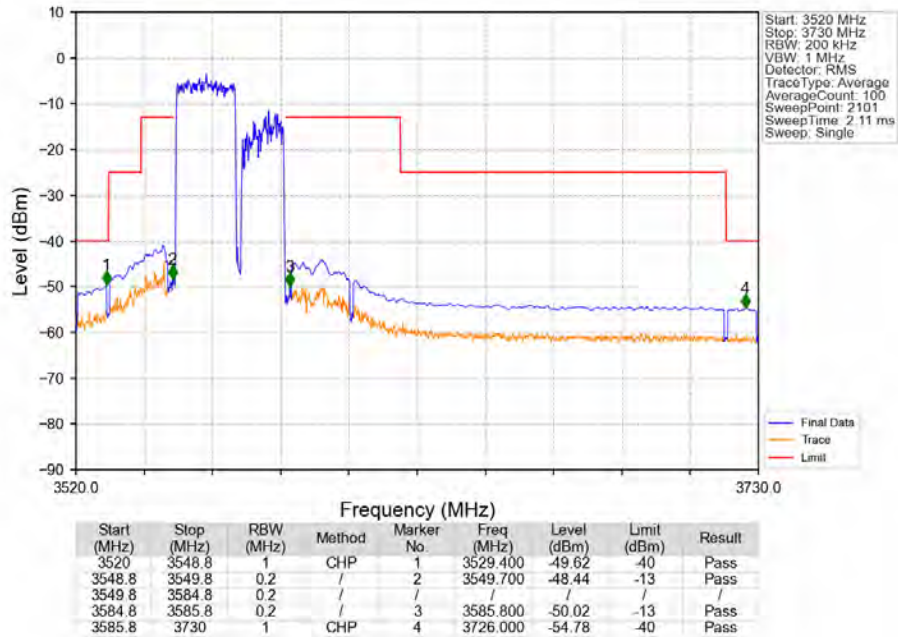
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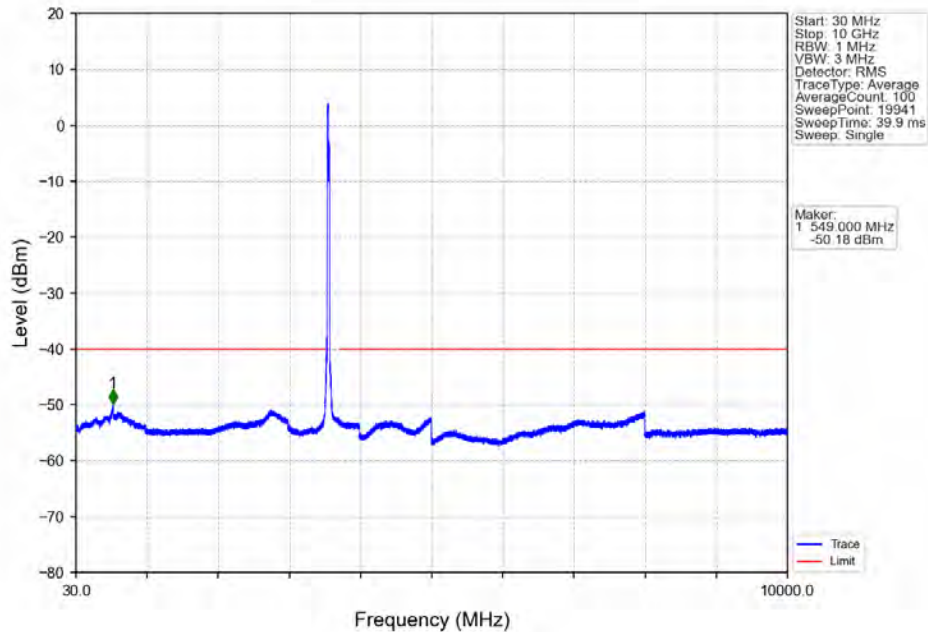
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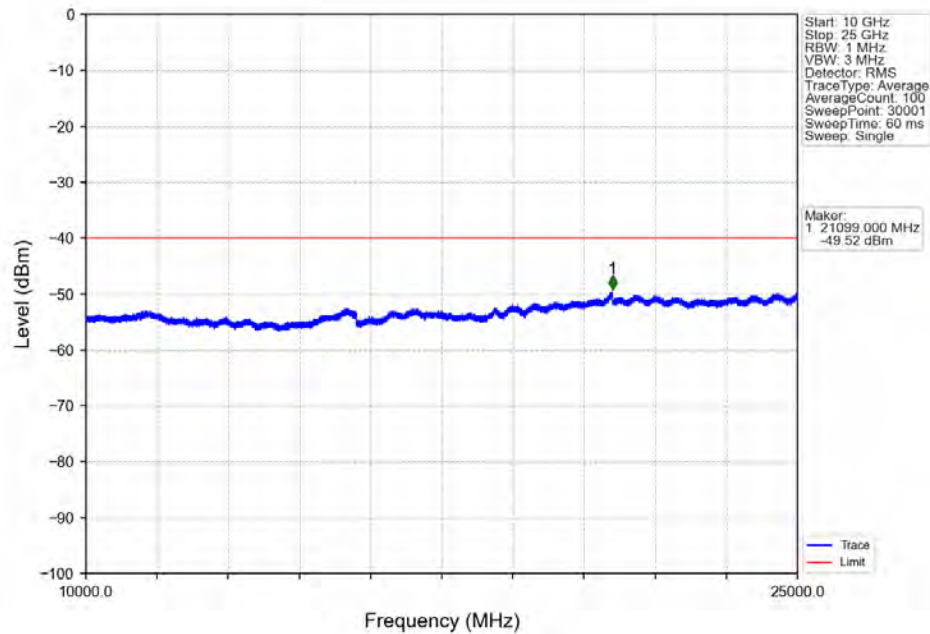
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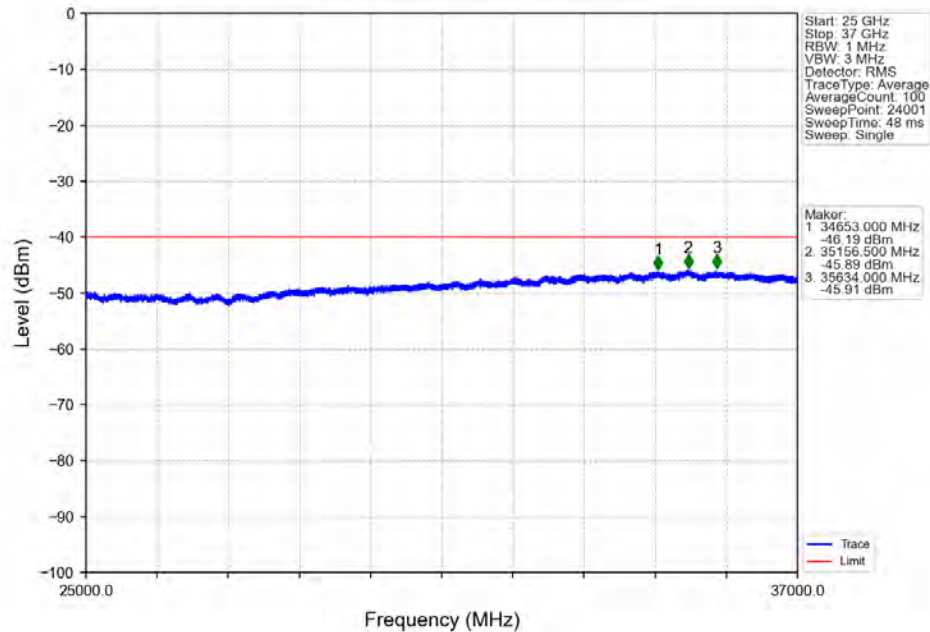
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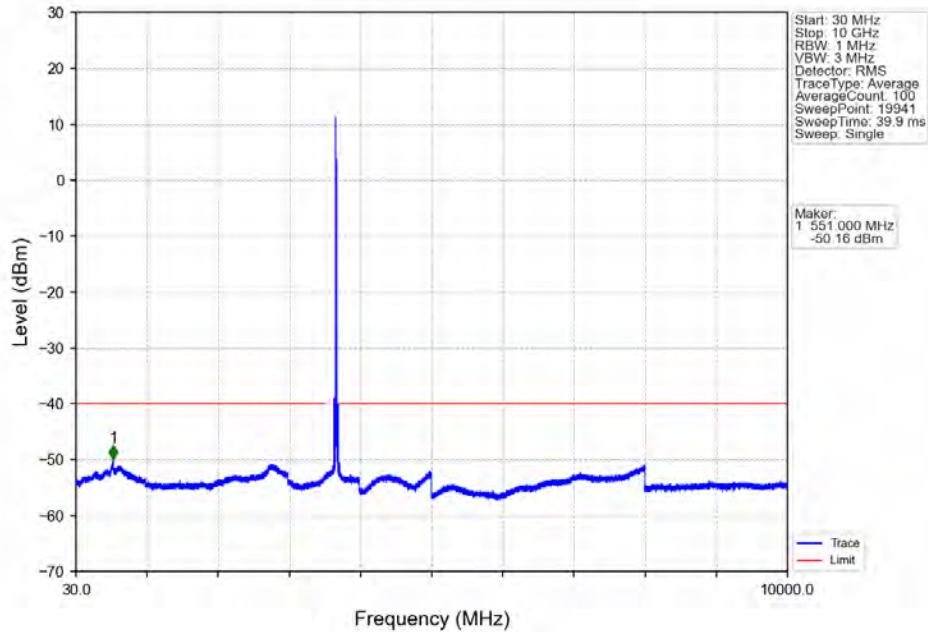
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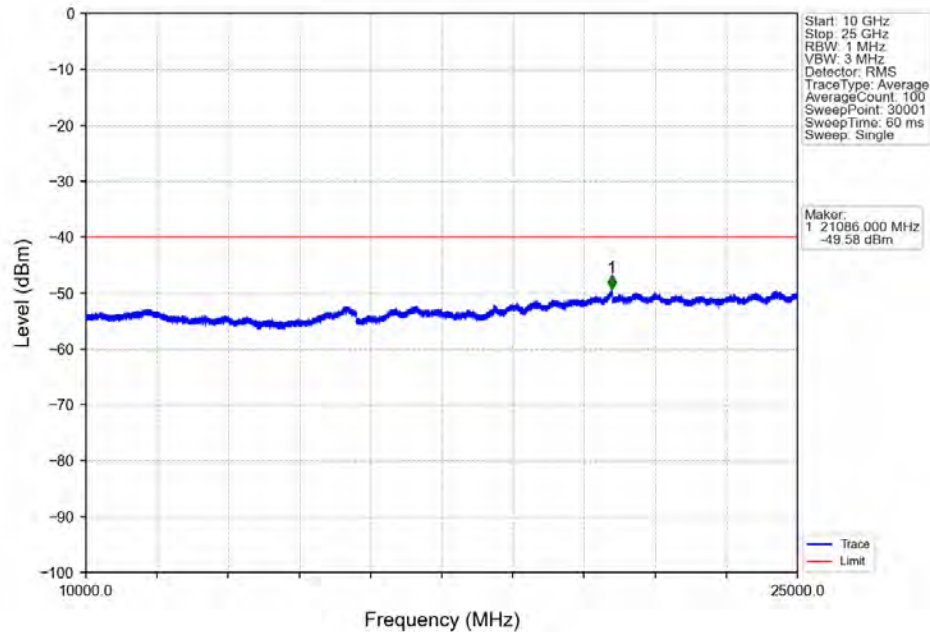
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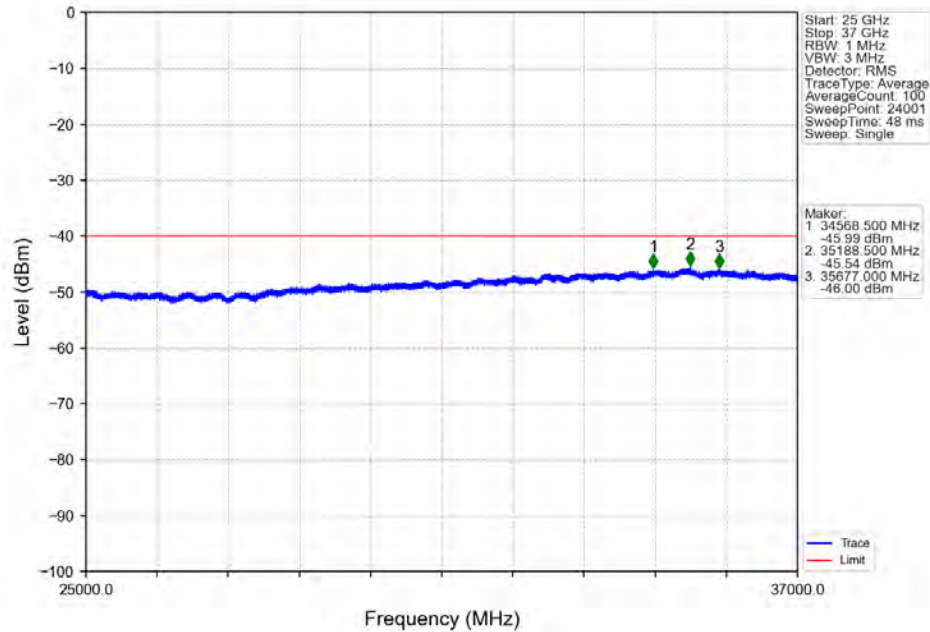
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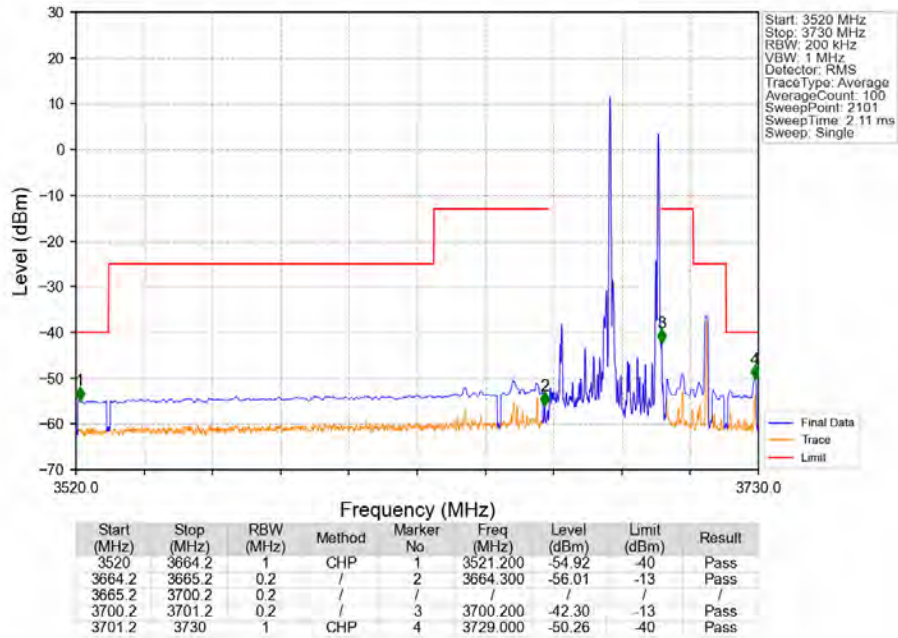
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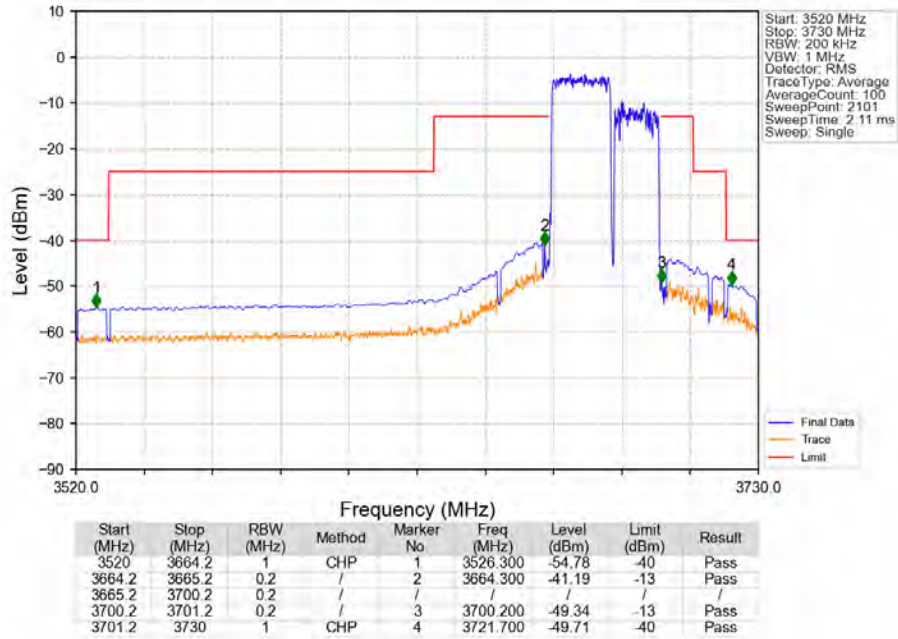
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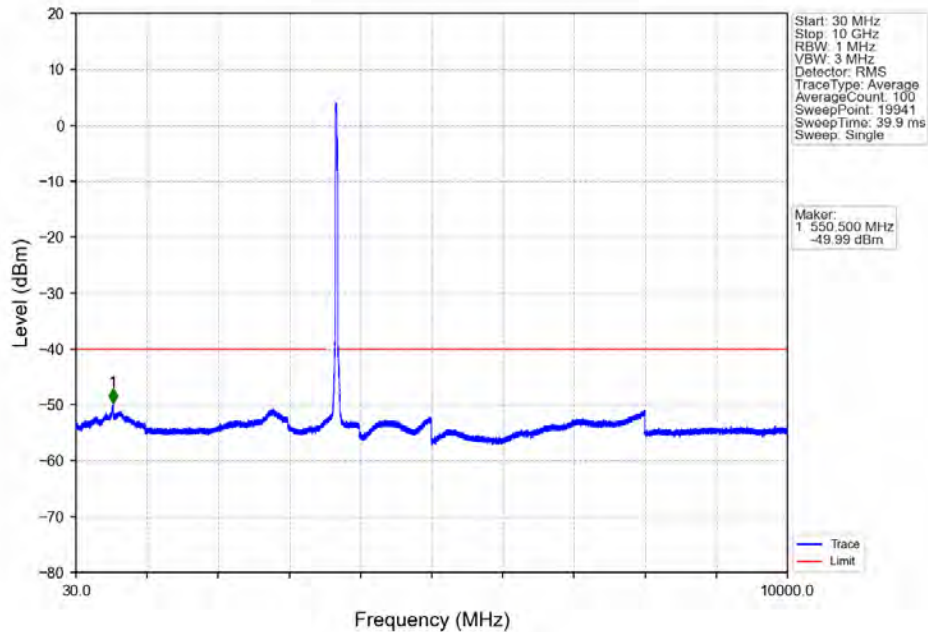
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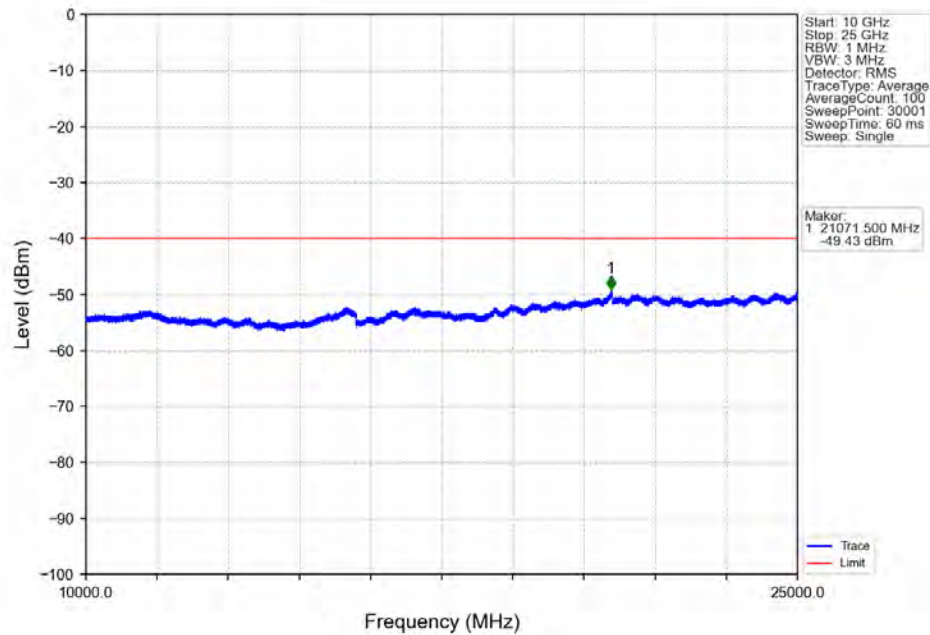
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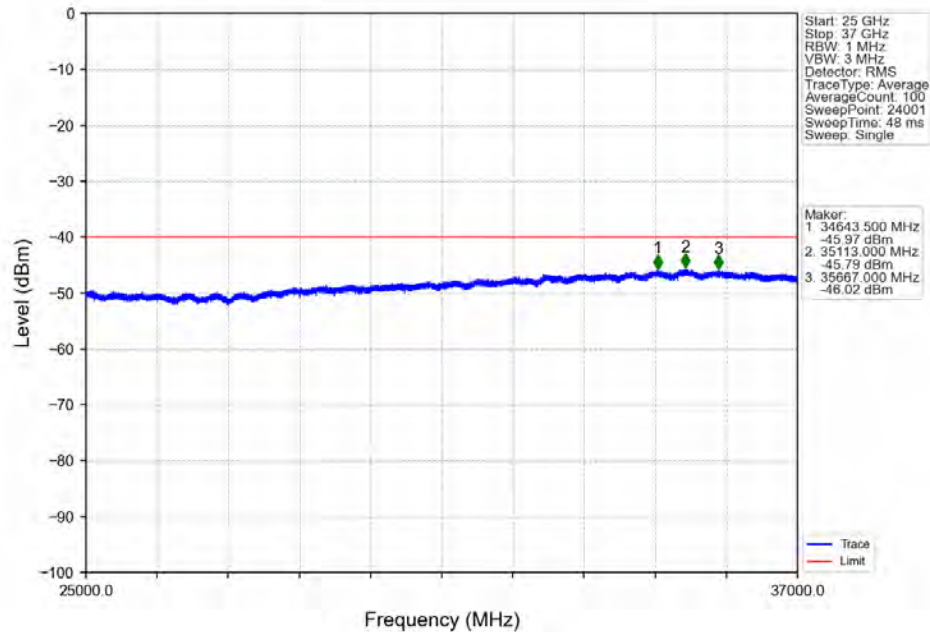
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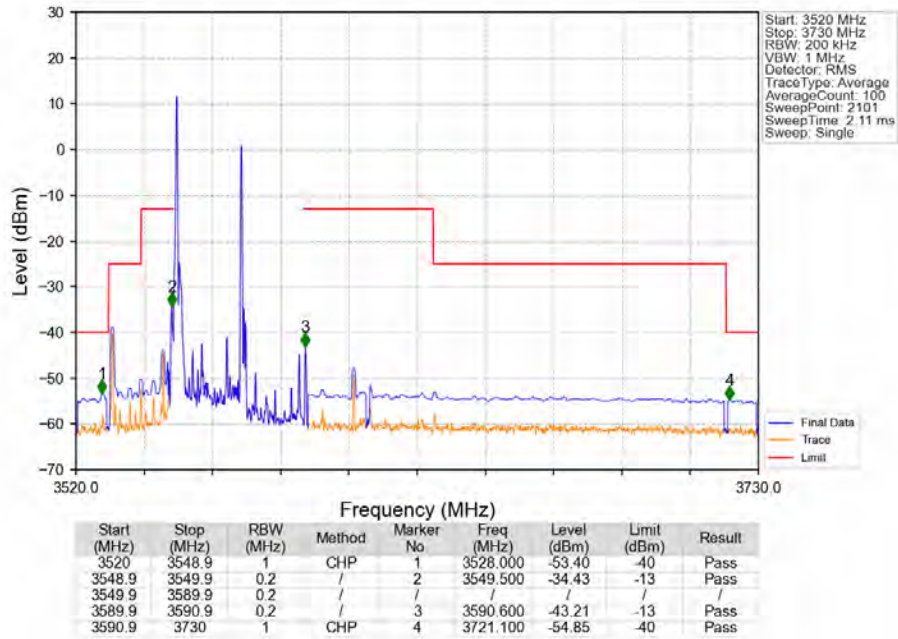
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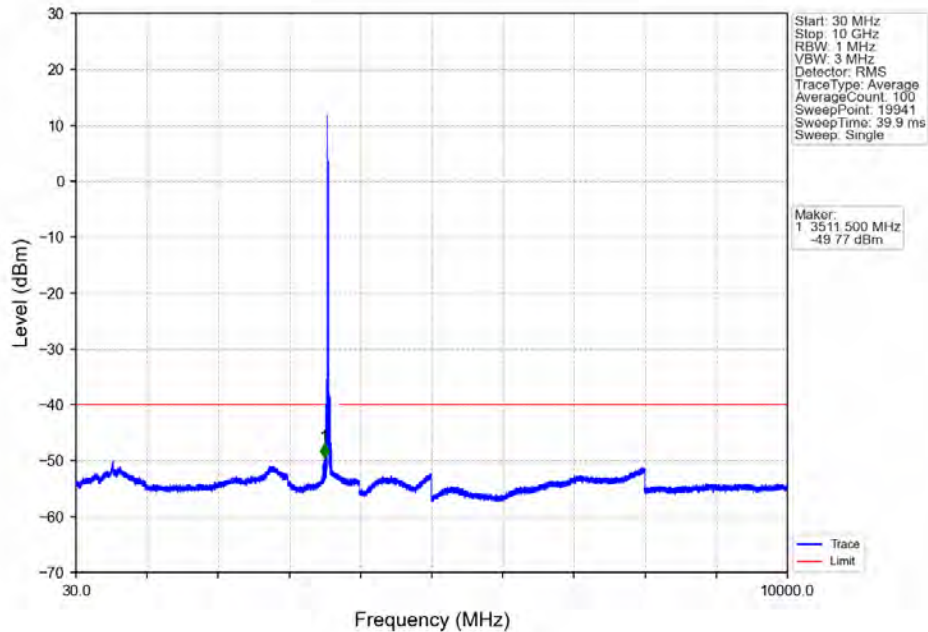
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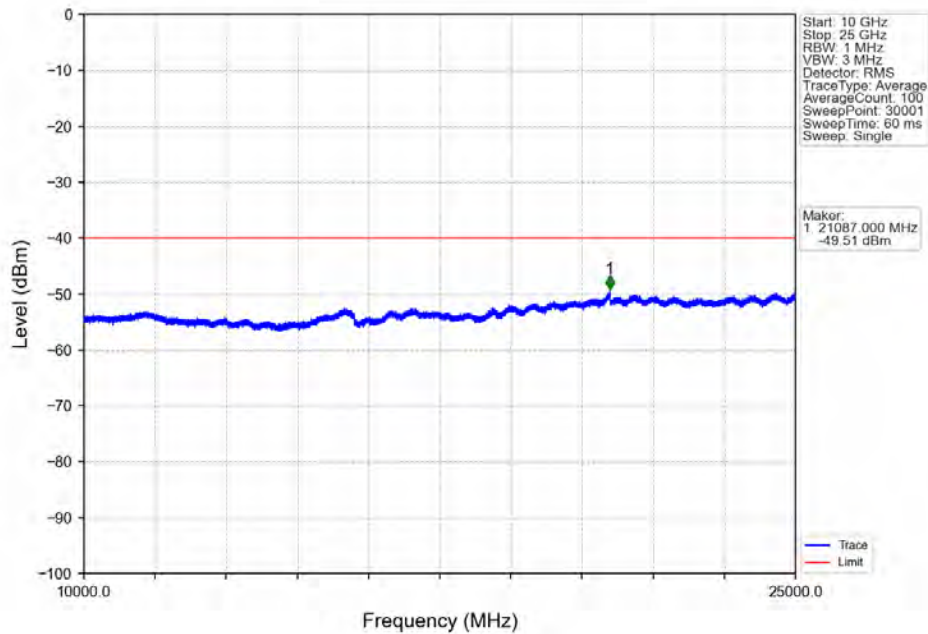
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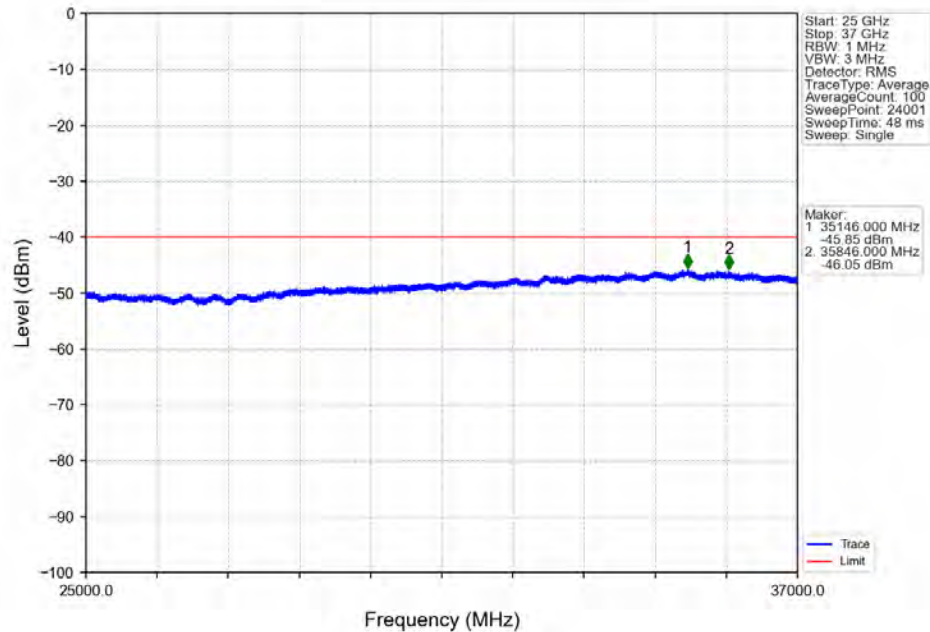
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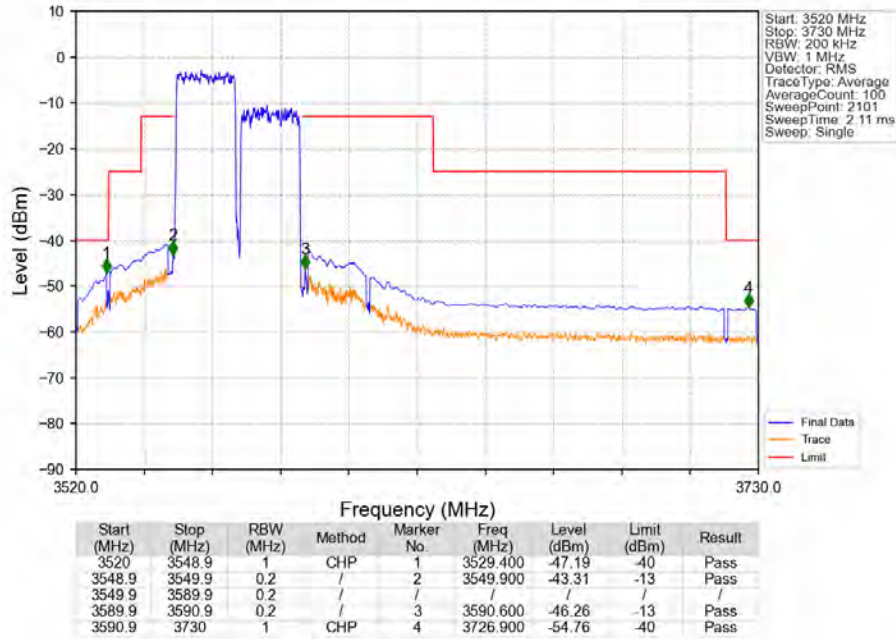
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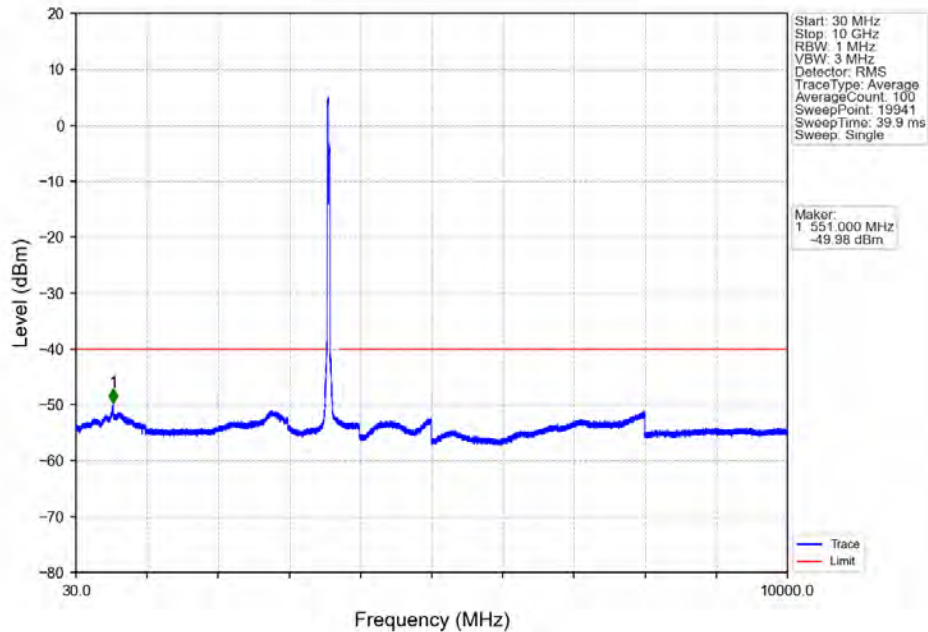
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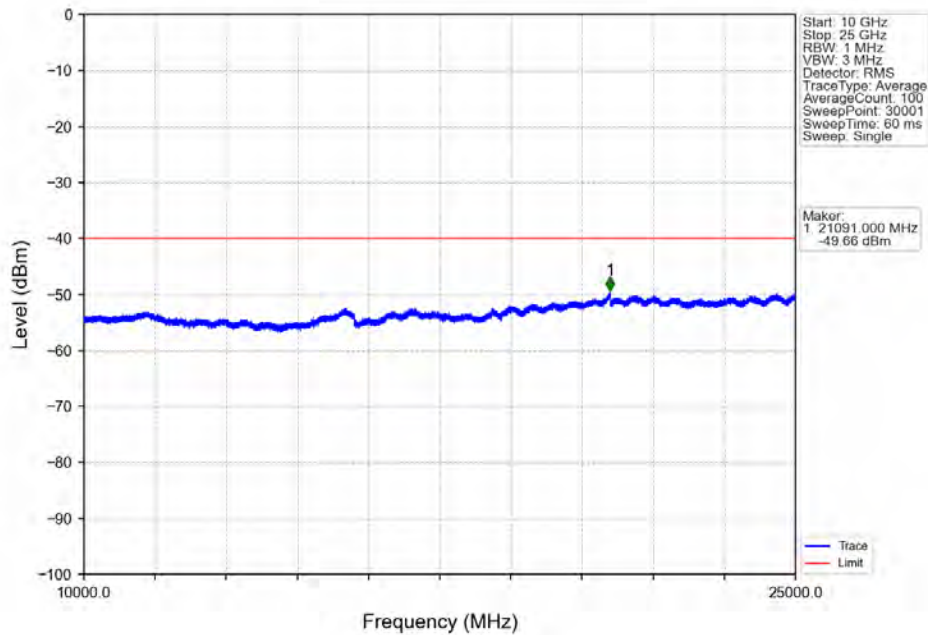
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CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3560 CC2:3579.8MHz_CC1: 100@0 CC2: 100@0



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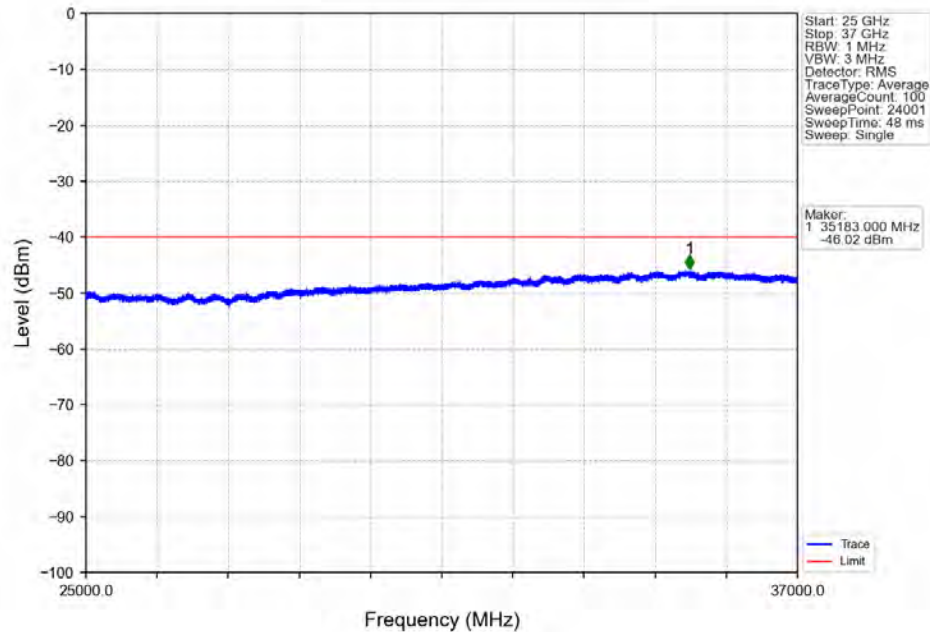
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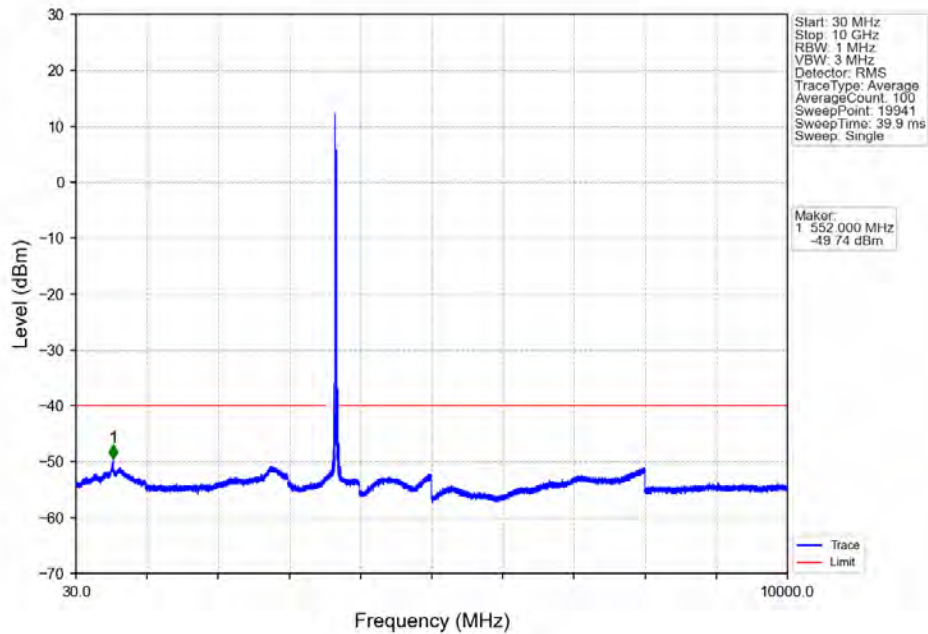
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CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3670.2 CC2:3690MHz_CC1: 1@0 CC2: 1@0



CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3670.2 CC2:3690MHz_CC1: 1@0 CC2: 1@0



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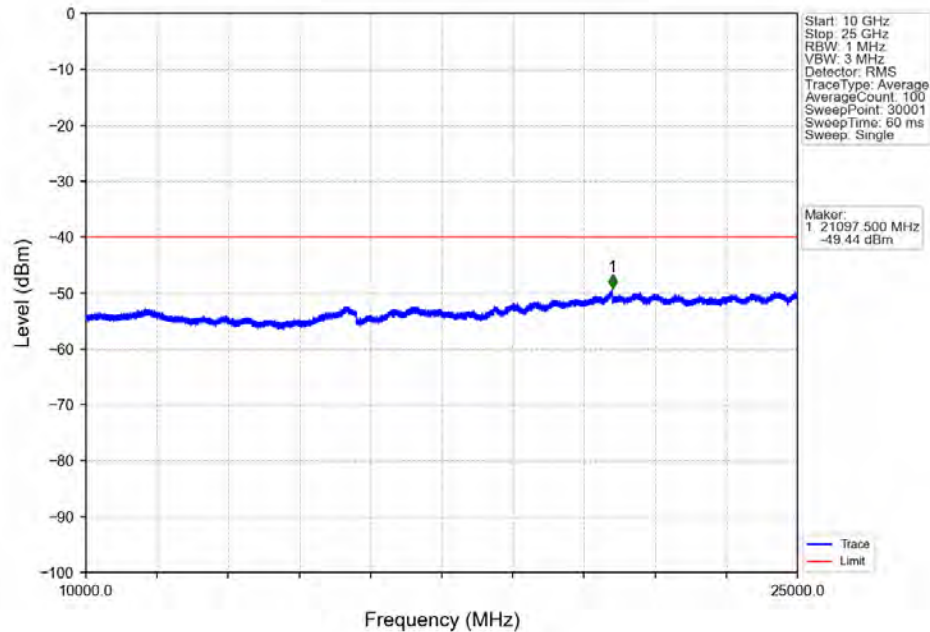
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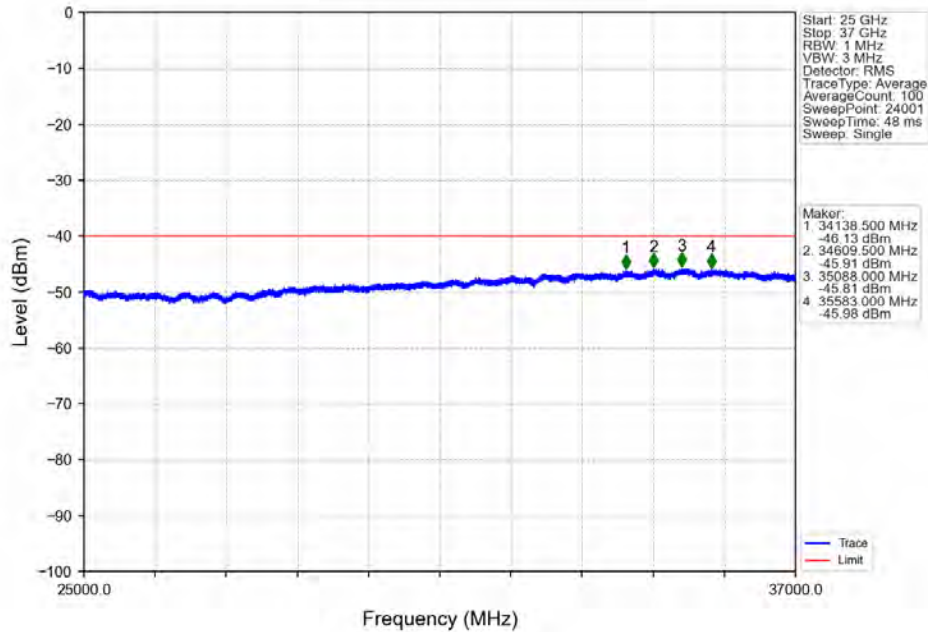
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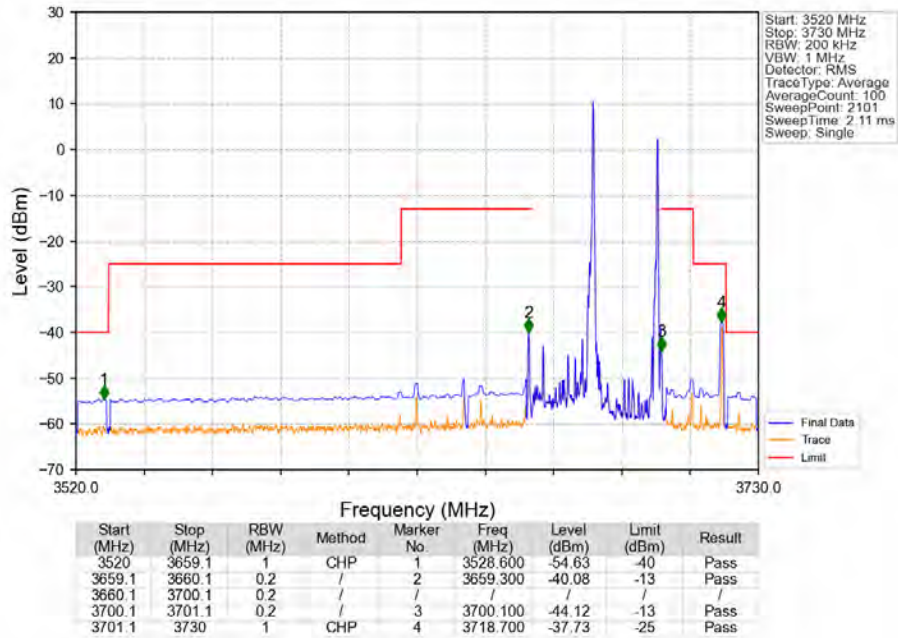
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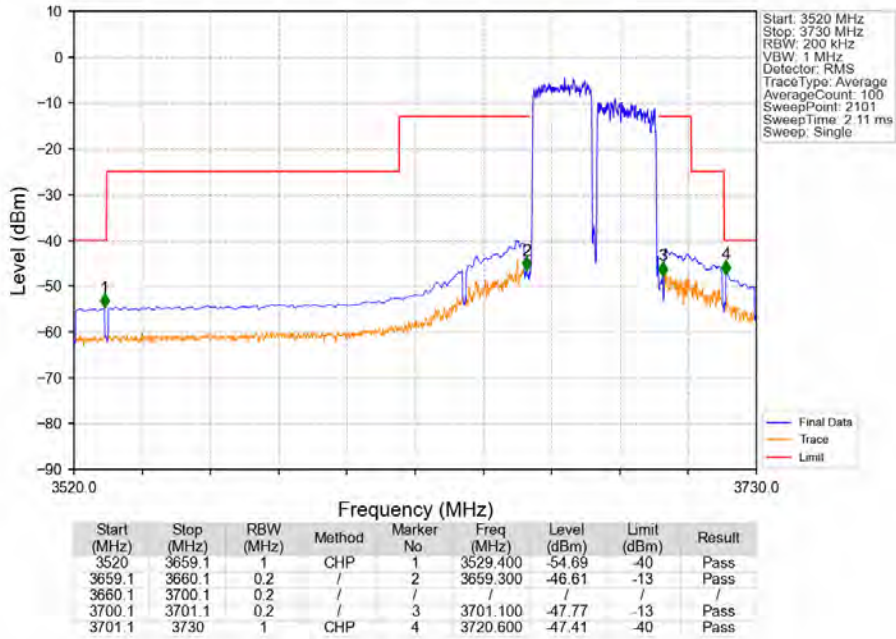
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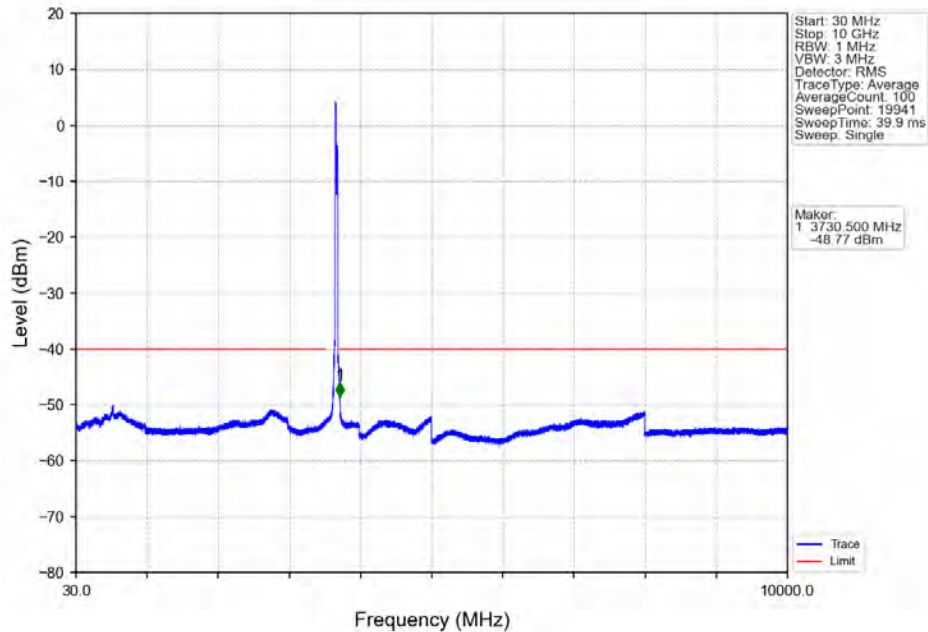
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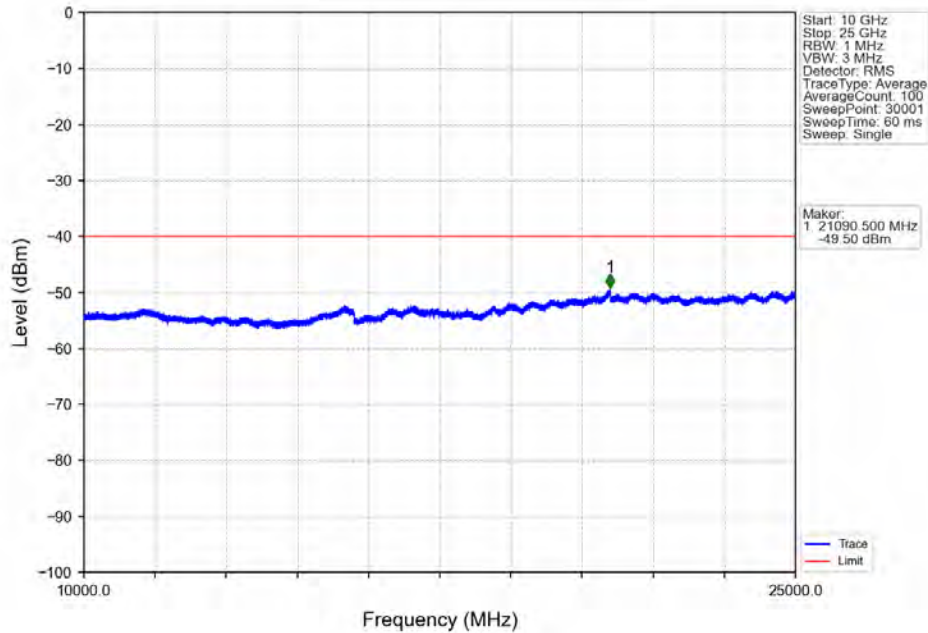
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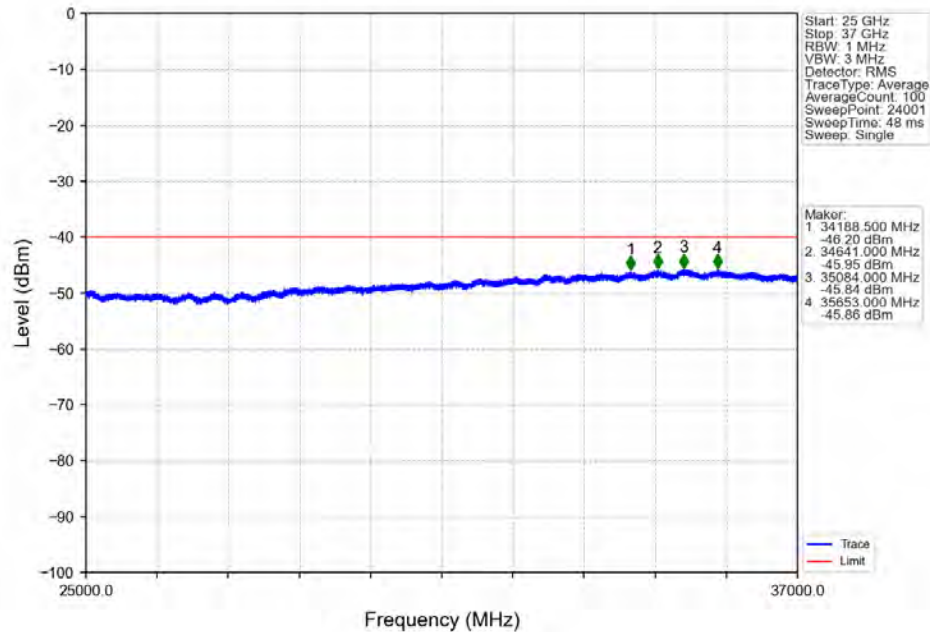
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4. Adjacent Channel Leakage Ratio

4.1 CA_48C_NTNV

4.1.1 Test Result

Band: CA_48C / NTNv								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio				Verdict
				CC1	CC2	Sum	Limit	
CC1:5 CC2:20	CC1: QPSK CC2: QPSK	CC1:3552.5 CC2:3564.2	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:3678.3 CC2:3690	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 100@0	Refer To Test Graph				Pass
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:3555 CC2:3569.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@49 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:3675.6 CC2:3690	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@49 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 100@0	Refer To Test Graph				Pass
CC1:15 CC2:20	CC1: QPSK CC2: QPSK	CC1:3557.5 CC2:3574.6	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@74 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:3672.9 CC2:3690	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@74 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 100@0	Refer To Test Graph				Pass
CC1:20	CC1:	CC1:3560	CC1: 1@0	Refer To Test Graph				Pass



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CC2:5	QPSK CC2: QPSK	CC2:3571.7	CC2: 1@0		
			CC1: 1@99 CC2: 1@24	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 25@0	Refer To Test Graph	Pass
		CC1:3685.8 CC2:3697.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@24	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 25@0	Refer To Test Graph	Pass
CC1:20 CC2:10	CC1: QPSK CC2: QPSK	CC1:3560 CC2:3574.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:3680.6 CC2:3695	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
CC1:20 CC2:15	CC1: QPSK CC2: QPSK	CC1:3560 CC2:3577.1	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@74	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
		CC1:3675.4 CC2:3692.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@74	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:3560 CC2:3579.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:3670.2 CC2:3690	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass



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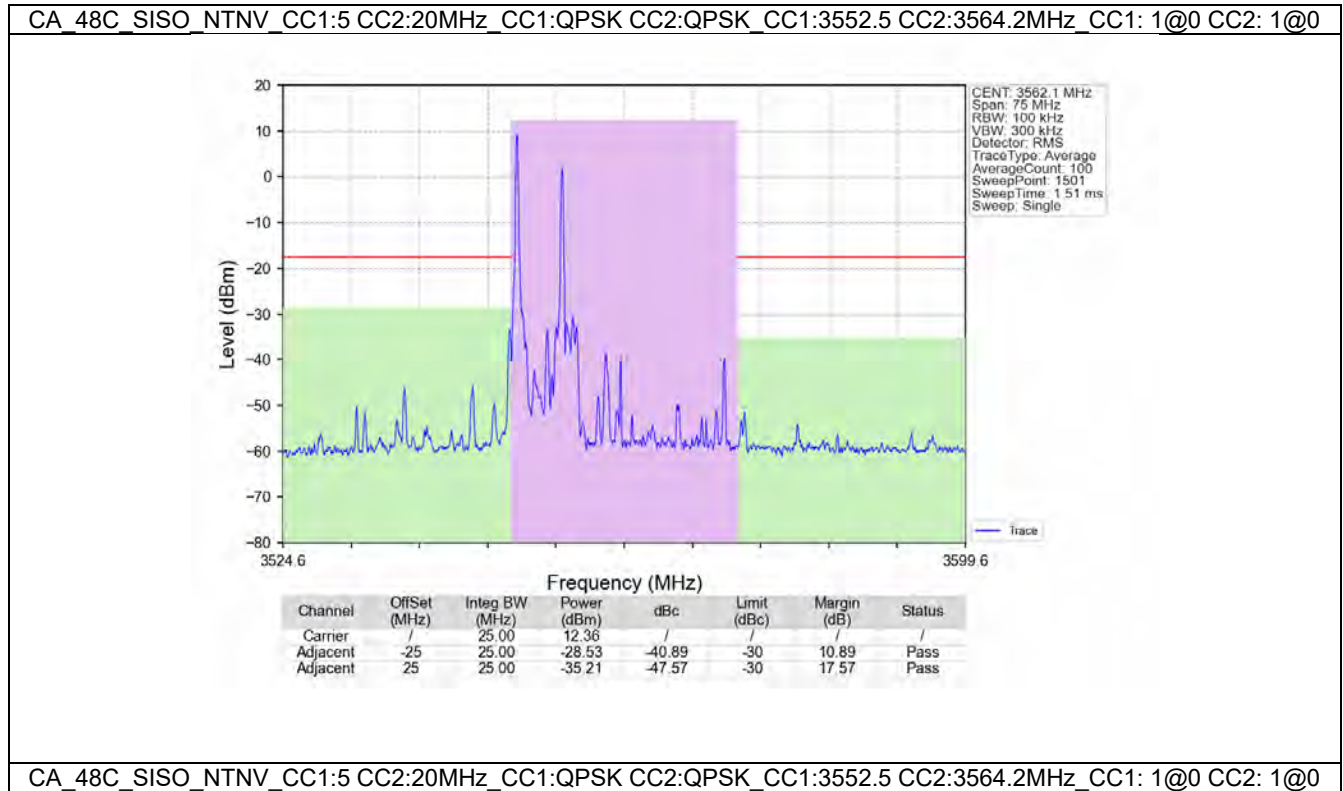
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4.1.2 Test Graph



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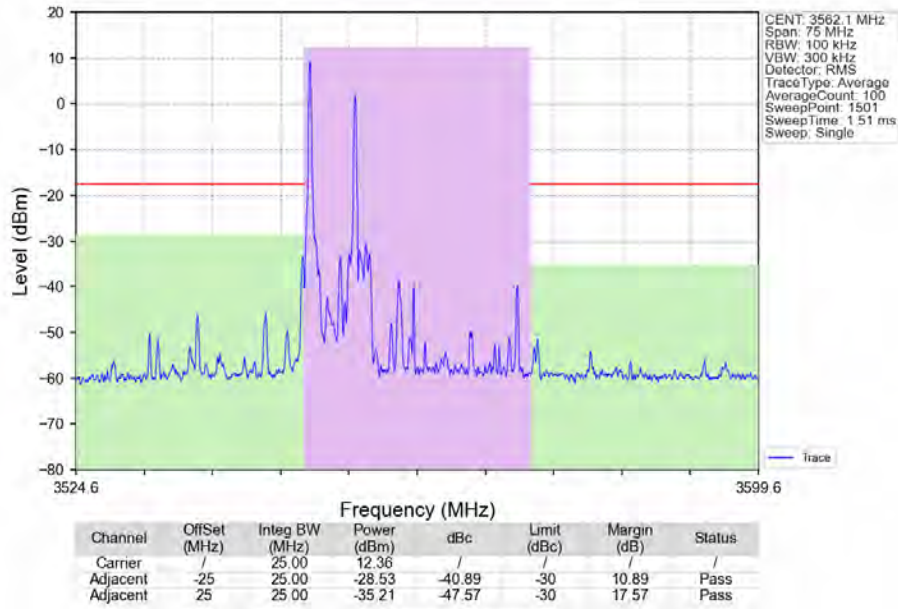
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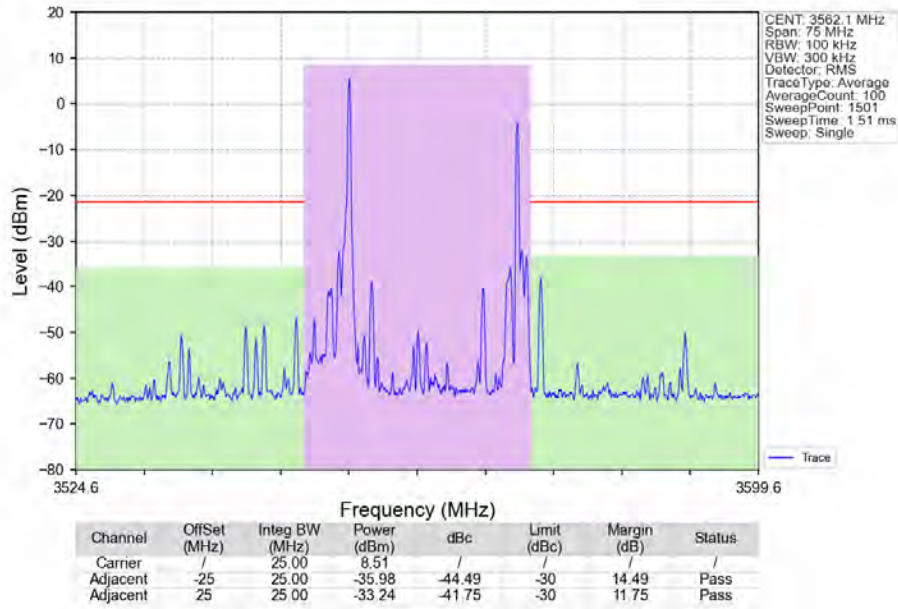
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CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3552.5_CC2:3564.2MHz_CC1: 1@24_CC2: 1@99



CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3552.5_CC2:3564.2MHz_CC1: 1@24_CC2: 1@99



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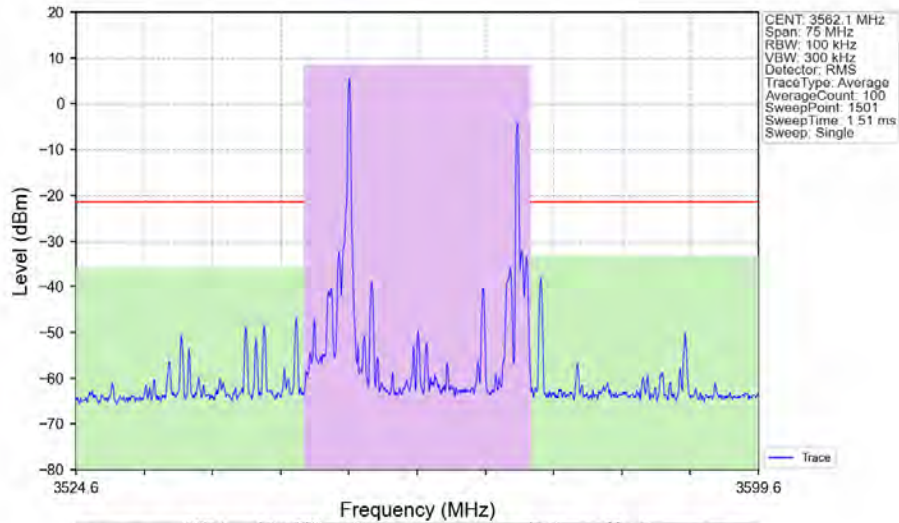
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	8.51	/	/	/	/
Adjacent	-25	25.00	-35.98	-44.49	-30	14.49	Pass
Adjacent	25	25.00	-33.24	-41.75	-30	11.75	Pass



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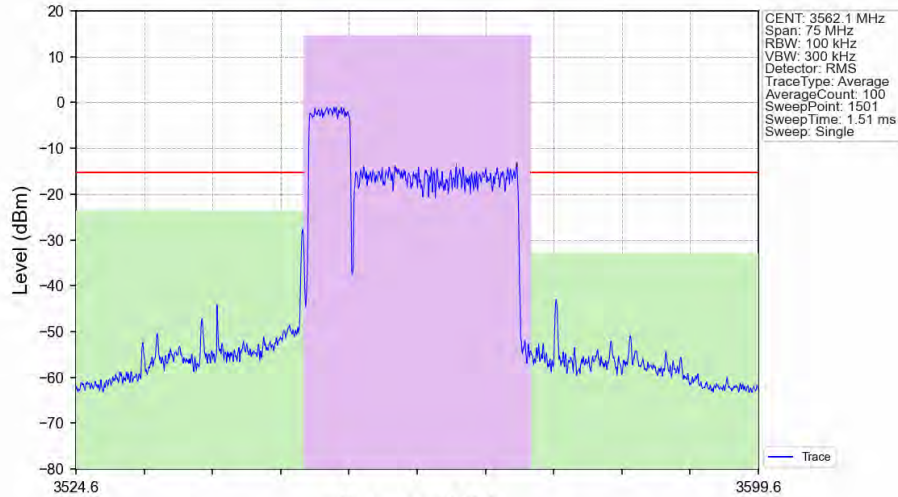
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CA_48C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3552.5 CC2:3564.2MHz_CC1: 25@0 CC2: 100@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	14.75	/	/	/	/
Adjacent	-25	25.00	-23.65	-38.40	-30	8.40	Pass
Adjacent	25	25.00	-32.83	-47.58	-30	17.58	Pass

CA_48C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3552.5 CC2:3564.2MHz_CC1: 25@0 CC2: 100@0



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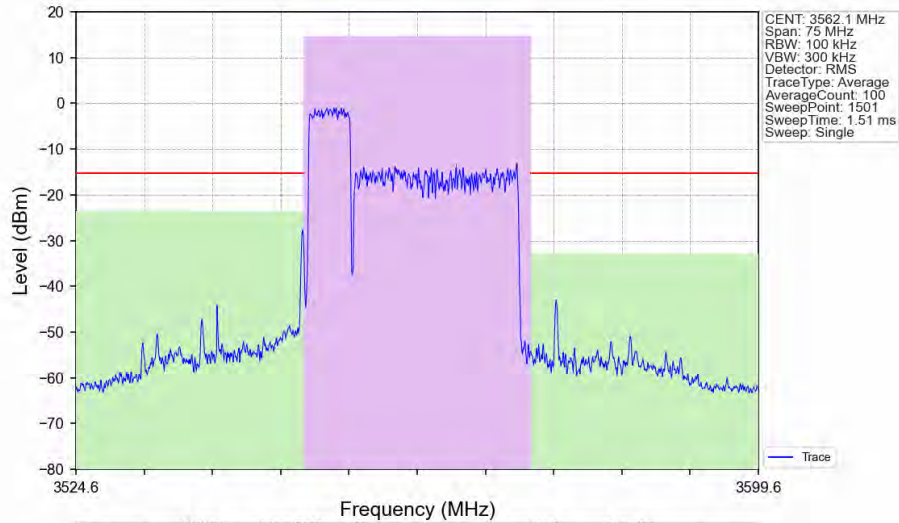
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	14.75	/	/	/	/
Adjacent	-25	25.00	-23.65	-38.40	-30	8.40	Pass
Adjacent	25	25.00	-32.83	-47.58	-30	17.58	Pass



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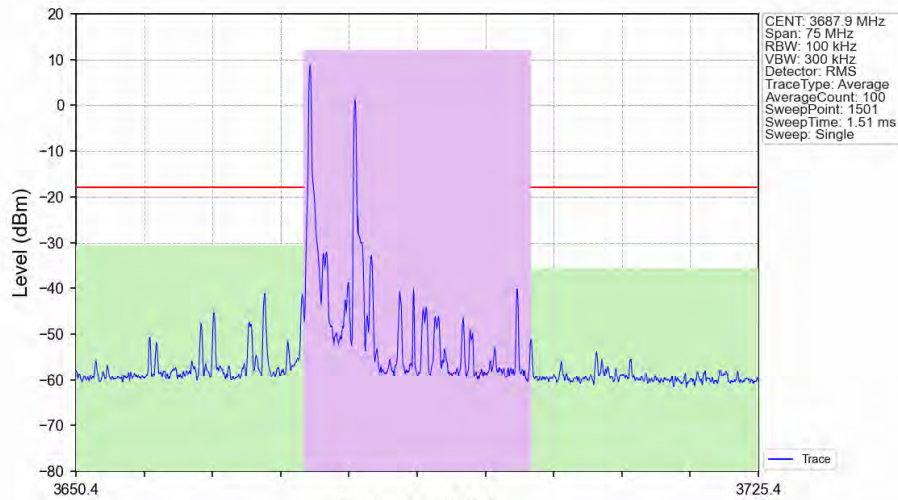
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CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3678.3_CC2:3690MHz_CC1: 1@0_CC2: 1@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	12.03	/	/	/	/
Adjacent	-25	25.00	-30.63	-42.66	-30	12.66	Pass
Adjacent	25	25.00	-35.58	-47.61	-30	17.61	Pass

CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3678.3_CC2:3690MHz_CC1: 1@0_CC2: 1@0



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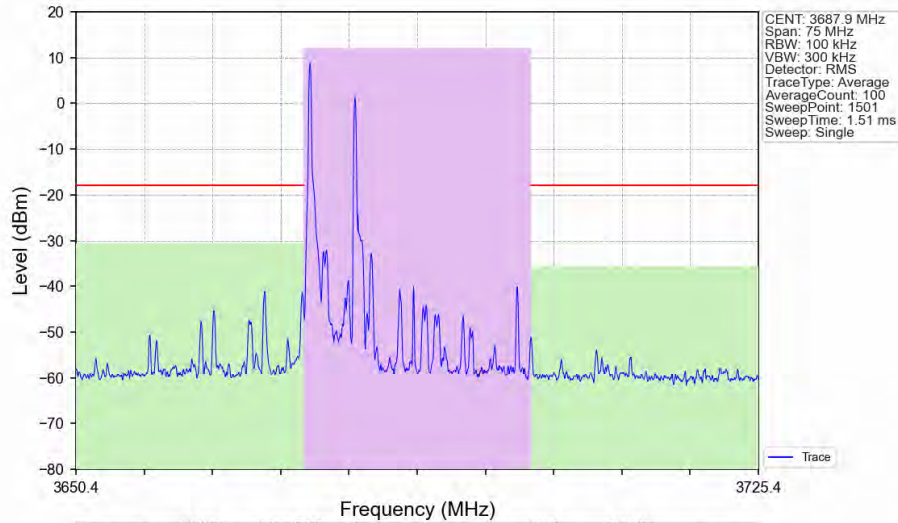
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	12.03	/	/	/	/
Adjacent	-25	25.00	-30.63	-42.66	-30	12.66	Pass
Adjacent	25	25.00	-35.58	-47.61	-30	17.61	Pass



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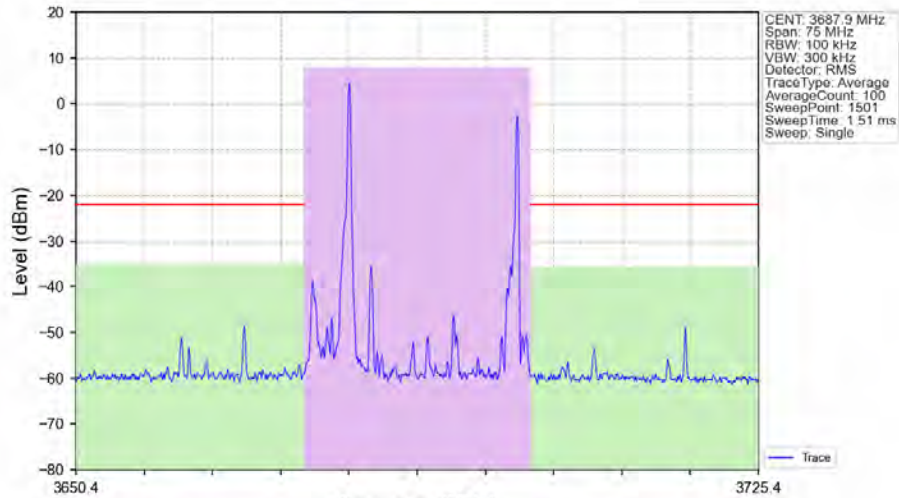
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	8.01	/	/	/	/
Adjacent	-25	25.00	-35.01	-43.02	-30	13.02	Pass
Adjacent	25	25.00	-35.69	-43.70	-30	13.70	Pass

CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3678.3_CC2:3690MHz_CC1: 1@24_CC2: 1@99



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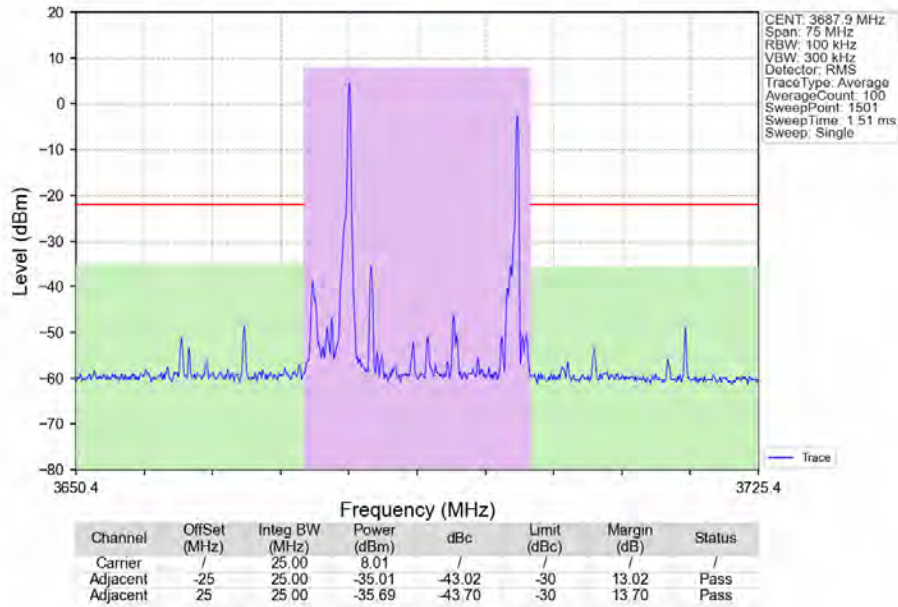
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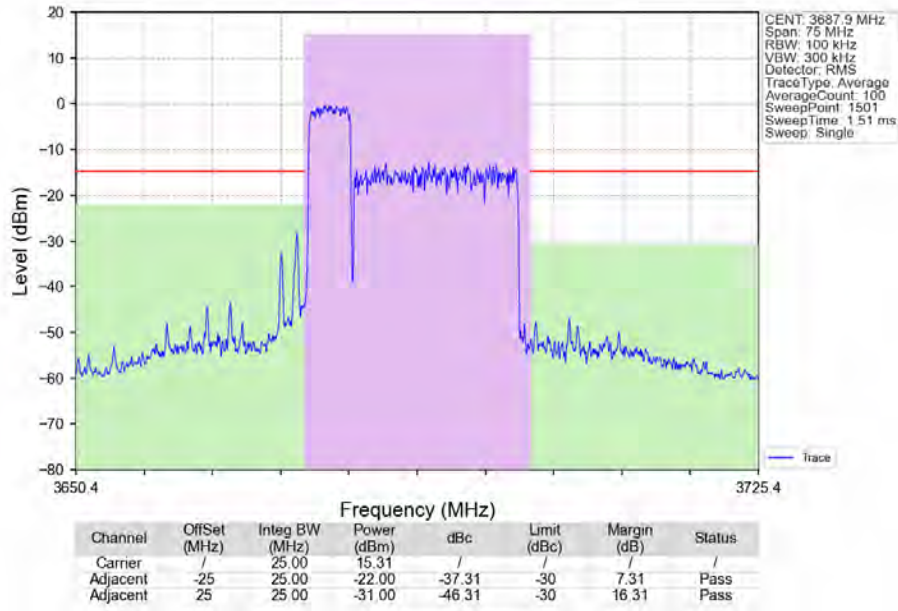
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CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3678.3_CC2:3690MHz_CC1: 25@0_CC2: 100@0



CA_48C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3678.3_CC2:3690MHz_CC1: 25@0_CC2: 100@0



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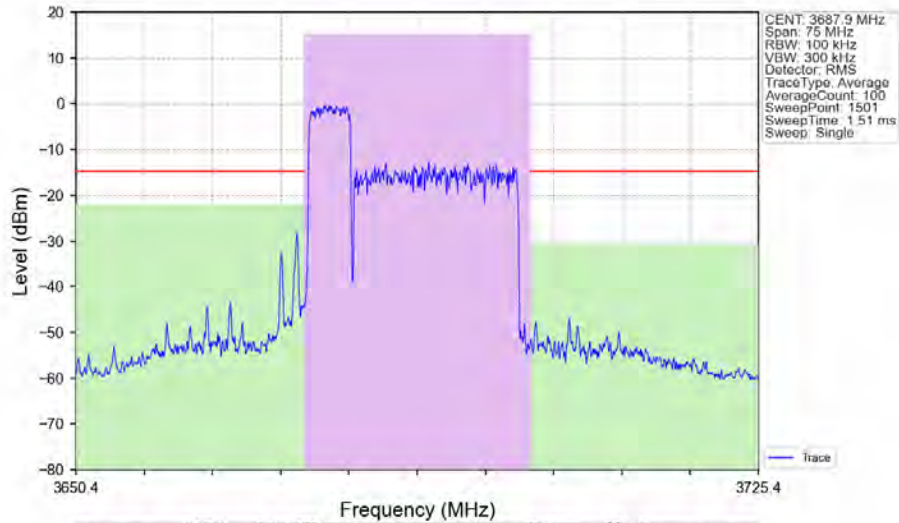
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	15.31	/	/	/	/
Adjacent	-25	25.00	-22.00	-37.31	-30	7.31	Pass
Adjacent	25	25.00	-31.00	-46.31	-30	16.31	Pass



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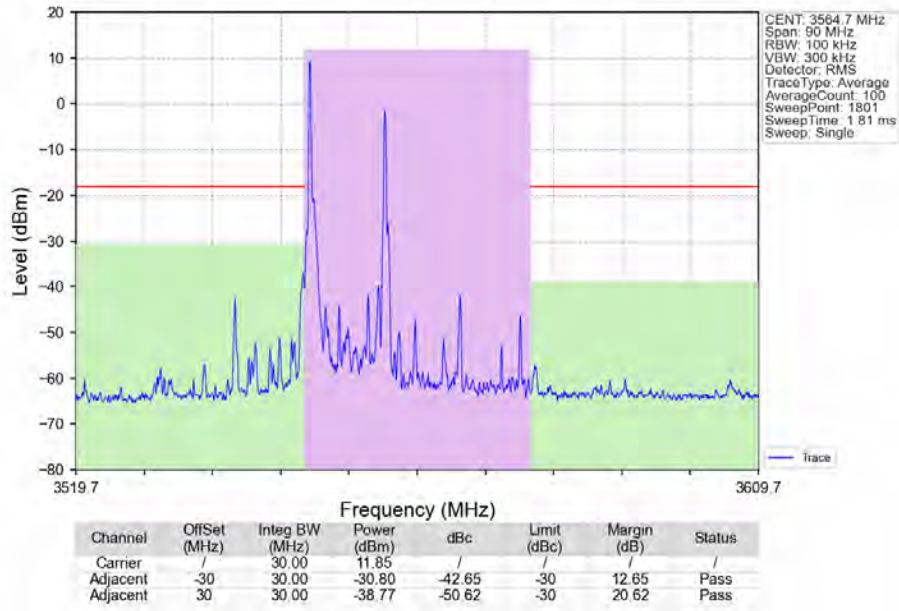
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CA_48C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3555 CC2:3569.4MHz_CC1: 1@0 CC2: 1@0



CA_48C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3555 CC2:3569.4MHz_CC1: 1@0 CC2: 1@0



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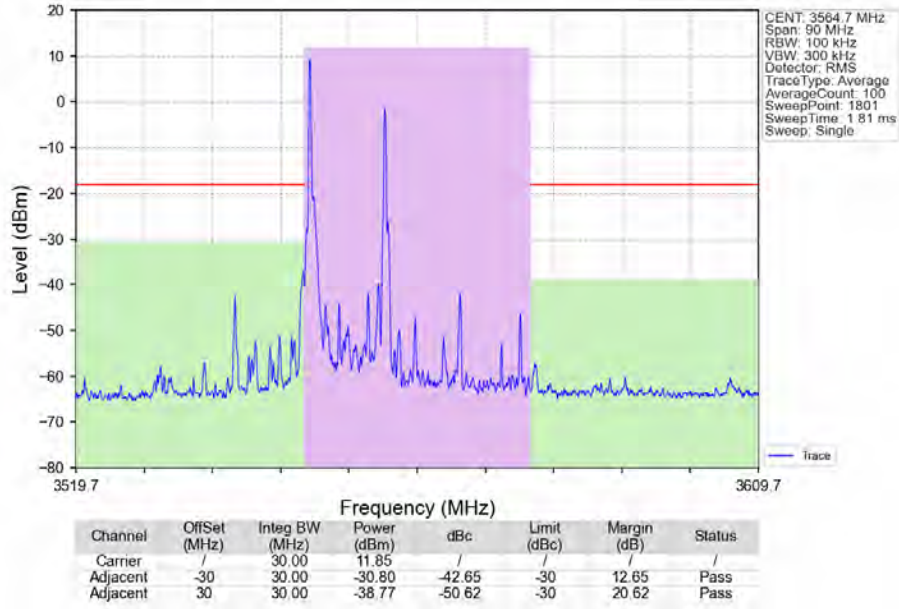
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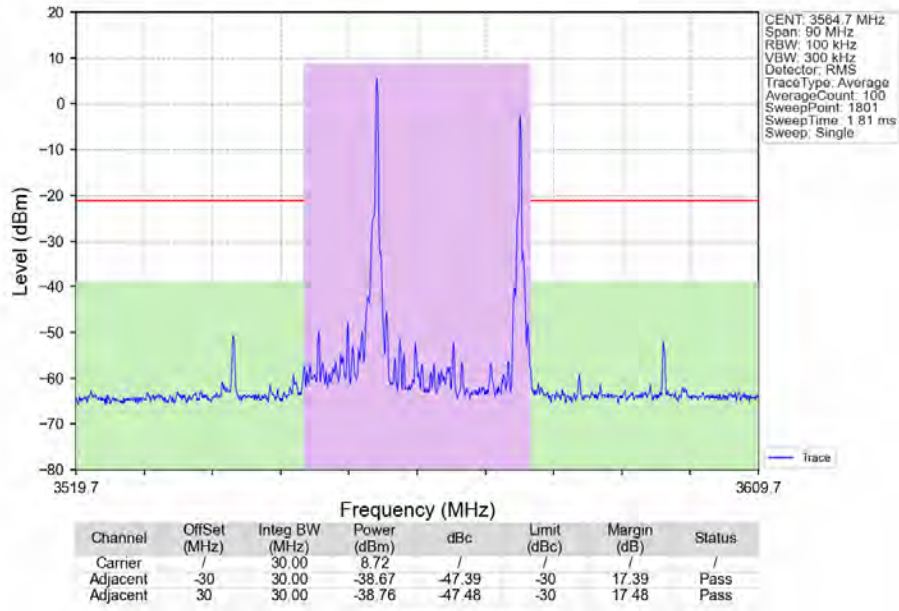
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CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3555_CC2:3569.4MHz_CC1: 1@49_CC2: 1@99



CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3555_CC2:3569.4MHz_CC1: 1@49_CC2: 1@99



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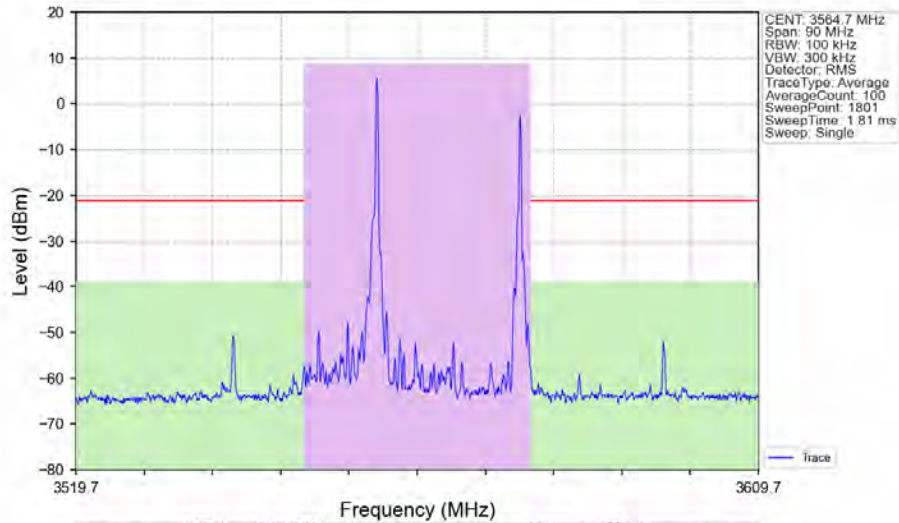
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	8.72	/	/	/	/
Adjacent	-30	30.00	-38.67	-47.39	-30	17.39	Pass
Adjacent	30	30.00	-38.76	-47.48	-30	17.48	Pass



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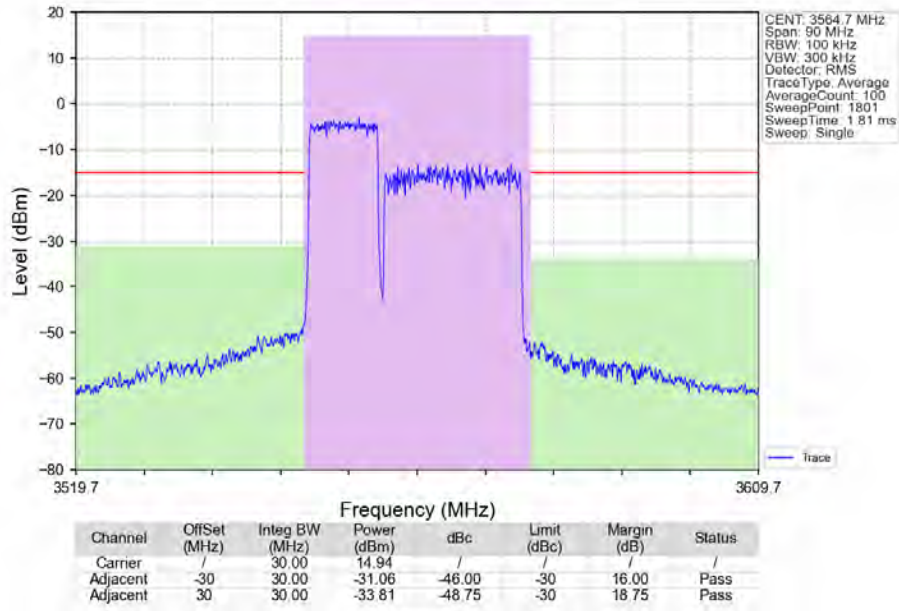
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CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3555_CC2:3569.4MHz_CC1: 50@0_CC2: 100@0



CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3555_CC2:3569.4MHz_CC1: 50@0_CC2: 100@0



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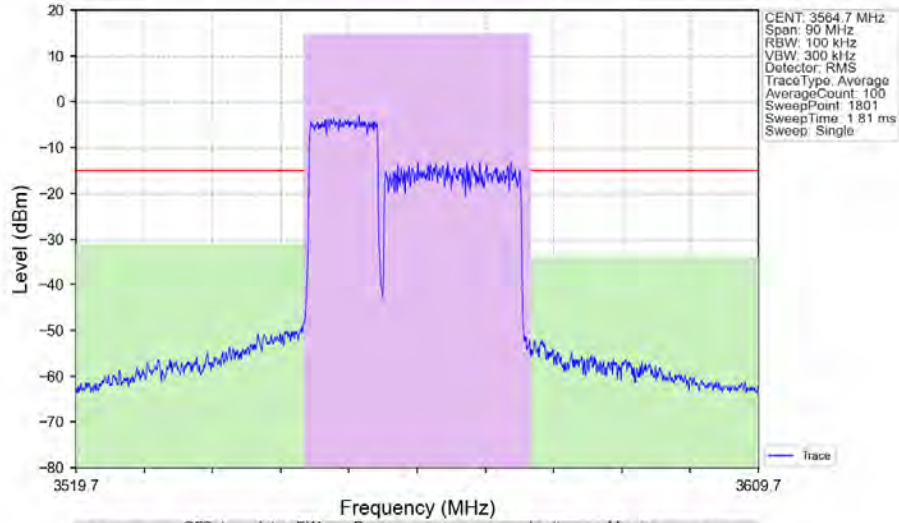
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	14.94	/	/	/	/
Adjacent	-30	30.00	-31.06	-46.00	-30	16.00	Pass
Adjacent	30	30.00	-33.81	-48.75	-30	18.75	Pass



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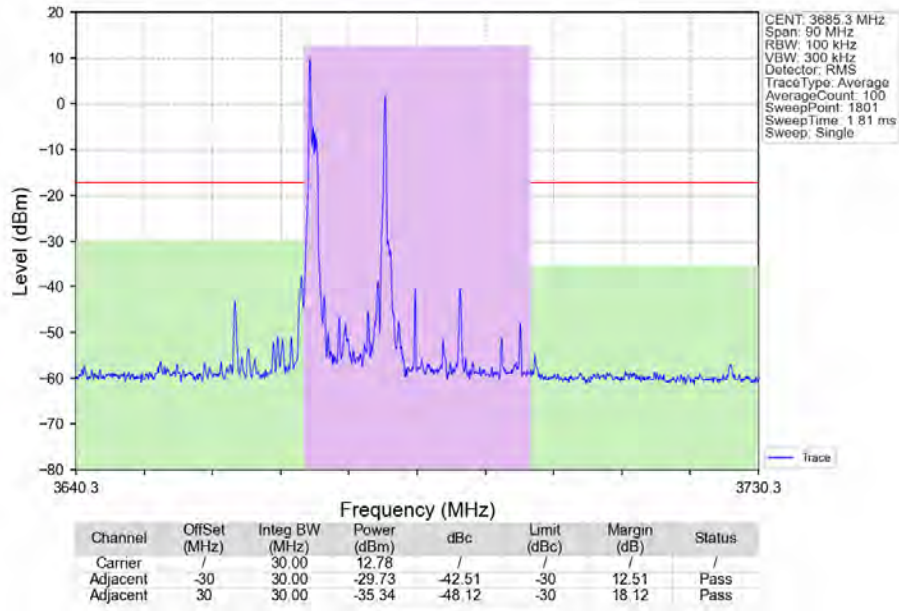
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CA_48C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3675.6 CC2:3690MHz_CC1: 1@0 CC2: 1@0



CA_48C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3675.6 CC2:3690MHz_CC1: 1@0 CC2: 1@0



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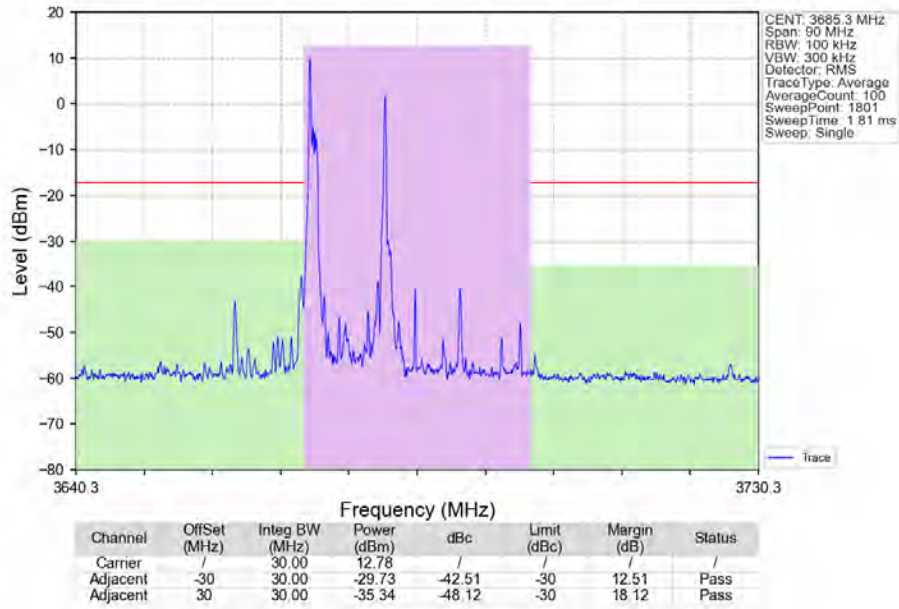
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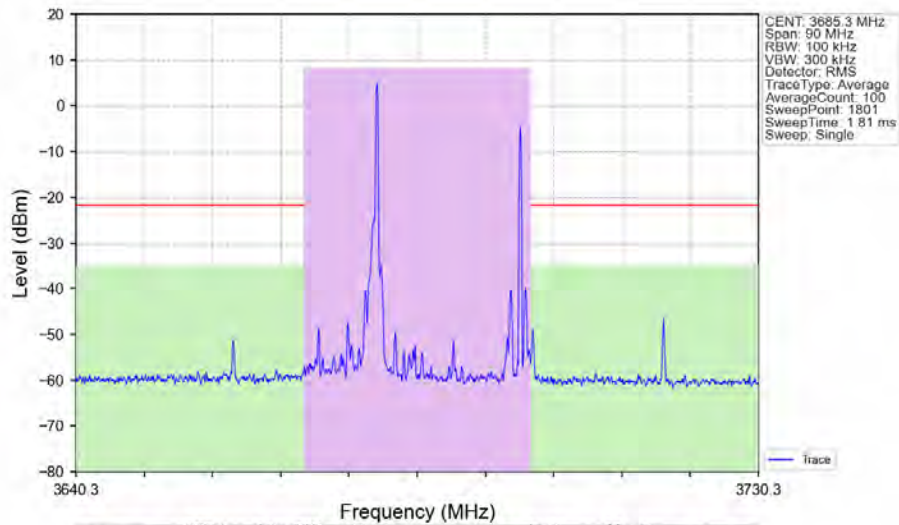
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CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3675.6_CC2:3690MHz_CC1: 1@49_CC2: 1@99



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	8.17	/	/	/	/
Adjacent	-30	30.00	-34.95	-43.12	-30	13.12	Pass
Adjacent	30	30.00	-34.82	-42.99	-30	12.99	Pass

CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3675.6_CC2:3690MHz_CC1: 1@49_CC2: 1@99



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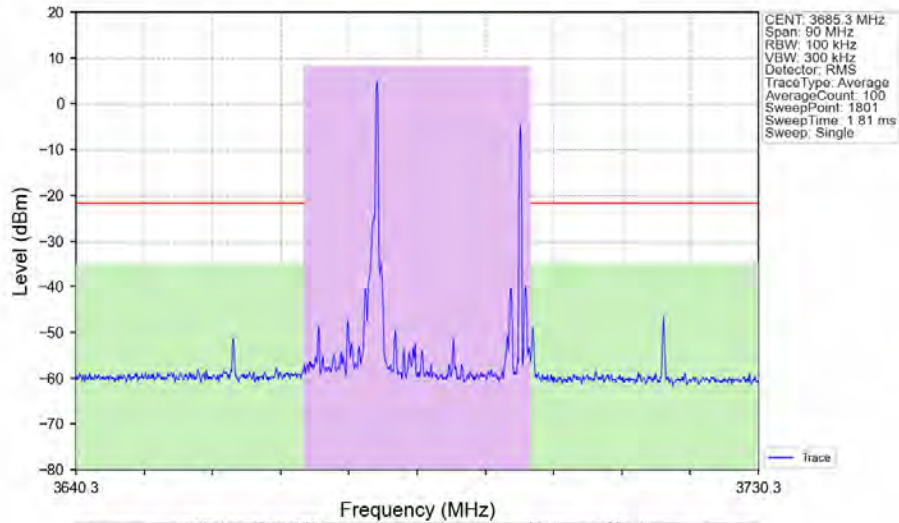
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	8.17	/	/	/	/
Adjacent	-30	30.00	-34.95	-43.12	-30	13.12	Pass
Adjacent	30	30.00	-34.82	-42.99	-30	12.99	Pass



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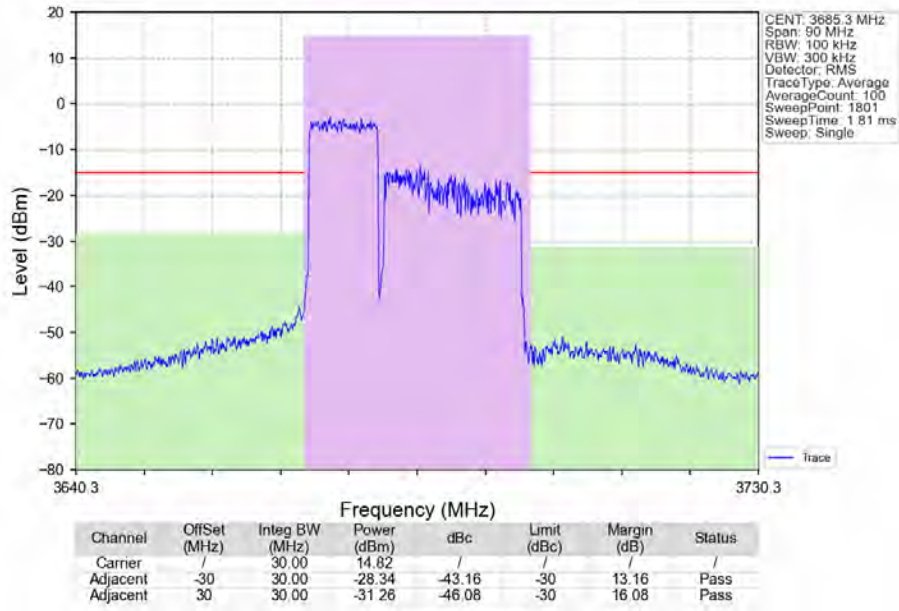
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CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3675.6_CC2:3690MHz_CC1: 50@0_CC2: 100@0



CA_48C_SISO_NTNV_CC1:10_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3675.6_CC2:3690MHz_CC1: 50@0_CC2: 100@0



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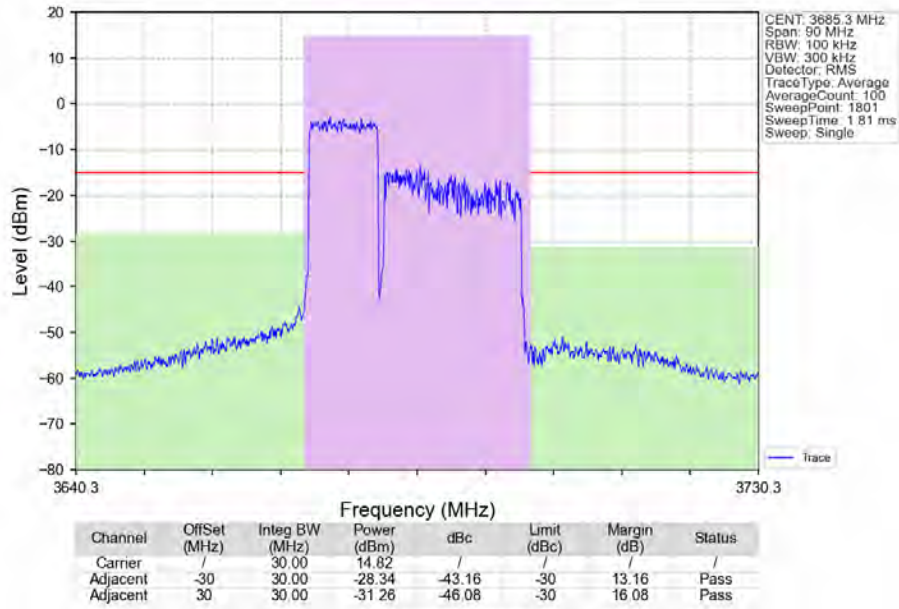
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CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3557.5_CC2:3574.6MHz_CC1: 1@0_CC2: 1@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	12.51	/	/	/	/
Adjacent	-35	35.00	-33.60	-46.11	-30	16.11	Pass
Adjacent	35	35.00	-38.01	-50.52	-30	20.52	Pass

CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3557.5_CC2:3574.6MHz_CC1: 1@0_CC2: 1@0



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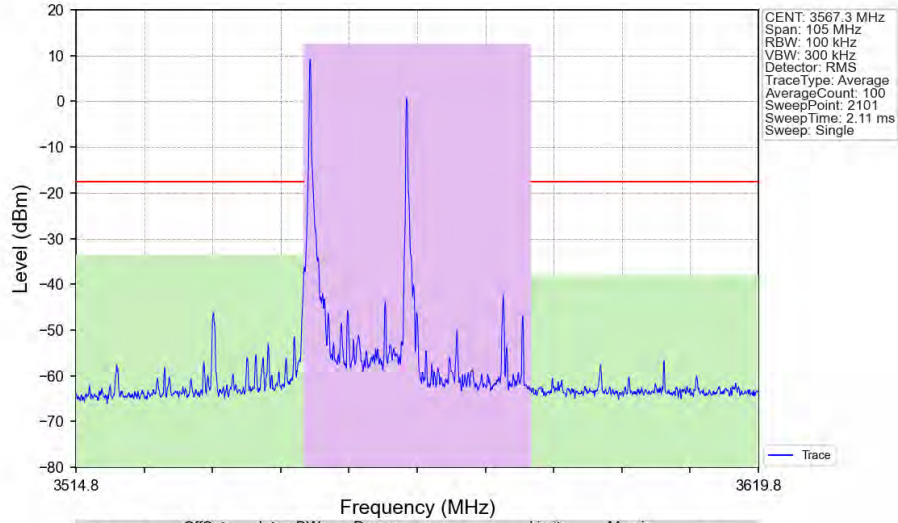
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	12.51	/	/	/	/
Adjacent	-35	35.00	-33.60	-46.11	-30	16.11	Pass
Adjacent	35	35.00	-38.01	-50.52	-30	20.52	Pass



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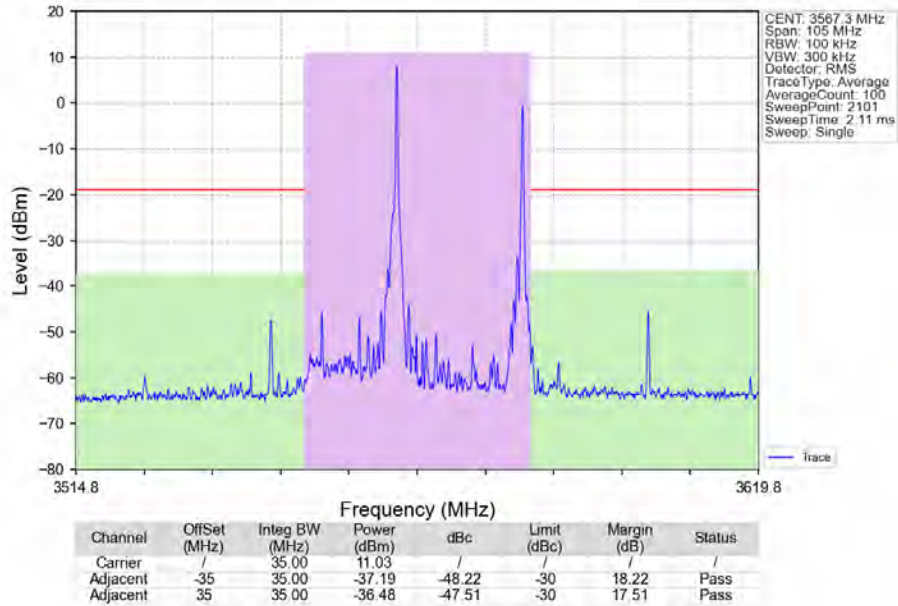
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CA_48C_SISO_NTNV_CC1:15 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3557.5 CC2:3574.6MHz_CC1: 1@74 CC2: 1@99



CA_48C_SISO_NTNV_CC1:15 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3557.5 CC2:3574.6MHz_CC1: 1@74 CC2: 1@99



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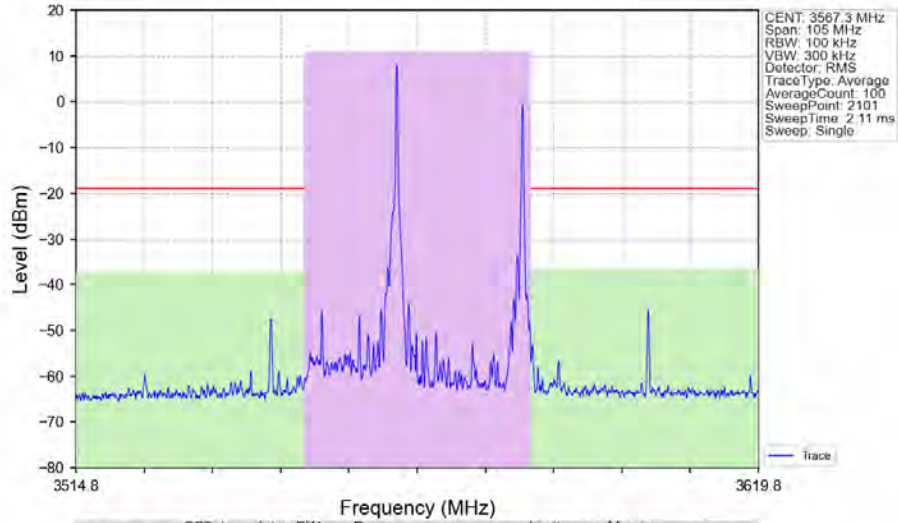
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Carrier	/	35.00	11.03	/	/	/	/
Adjacent	-35	35.00	-37.19	-48.22	-30	18.22	Pass
Adjacent	35	35.00	-36.48	-47.51	-30	17.51	Pass



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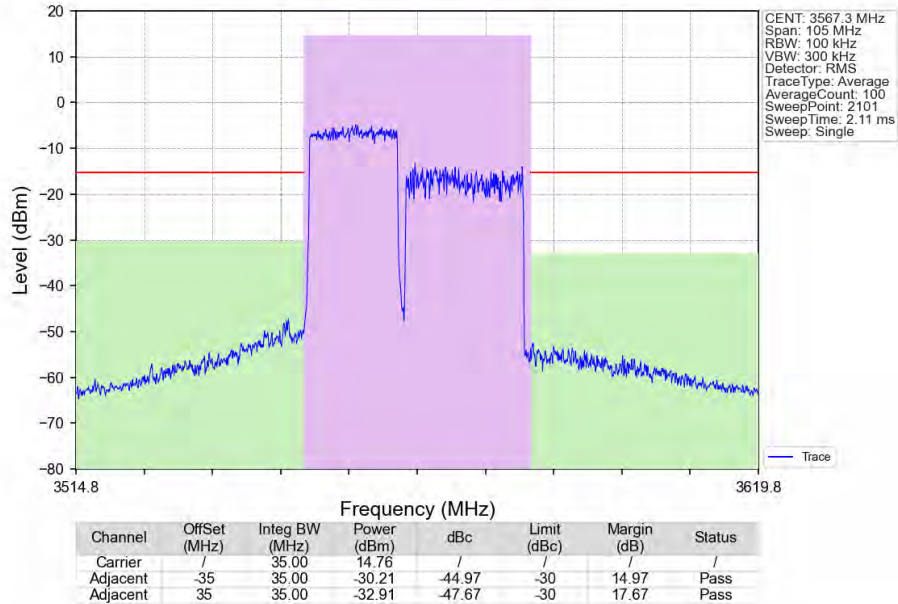
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CA_48C_SISO_NTNV_CC1:15 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3557.5 CC2:3574.6MHz_CC1: 75@0 CC2: 100@0



CA_48C_SISO_NTNV_CC1:15 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3557.5 CC2:3574.6MHz_CC1: 75@0 CC2: 100@0



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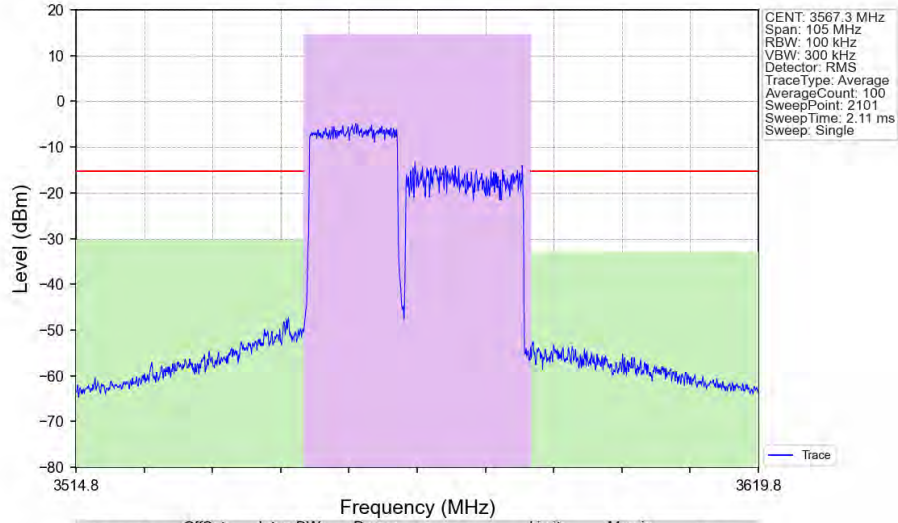
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Carrier	/	35.00	14.76	/	/	/	/
Adjacent	-35	35.00	-30.21	-44.97	-30	14.97	Pass
Adjacent	35	35.00	-32.91	-47.67	-30	17.67	Pass



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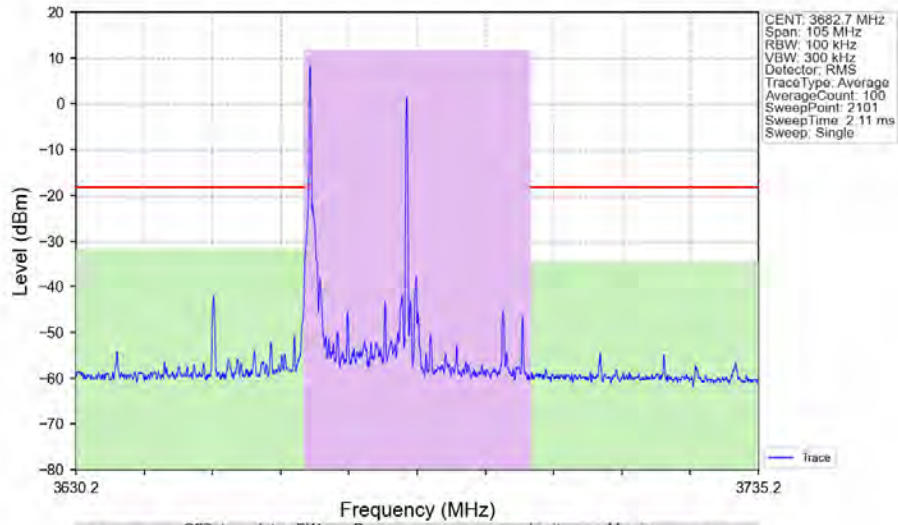
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CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3672.9_CC2:3690MHz_CC1: 1@0_CC2: 1@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	11.69	/	/	/	/
Adjacent	-35	35.00	-31.63	-43.32	-30	13.32	Pass
Adjacent	35	35.00	-34.57	-46.26	-30	16.26	Pass

CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3672.9_CC2:3690MHz_CC1: 1@0_CC2: 1@0



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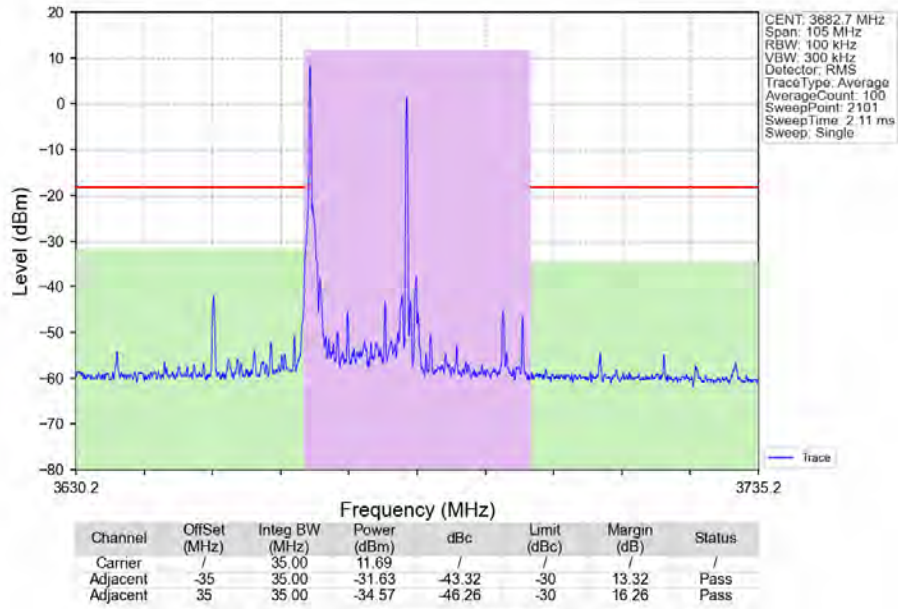
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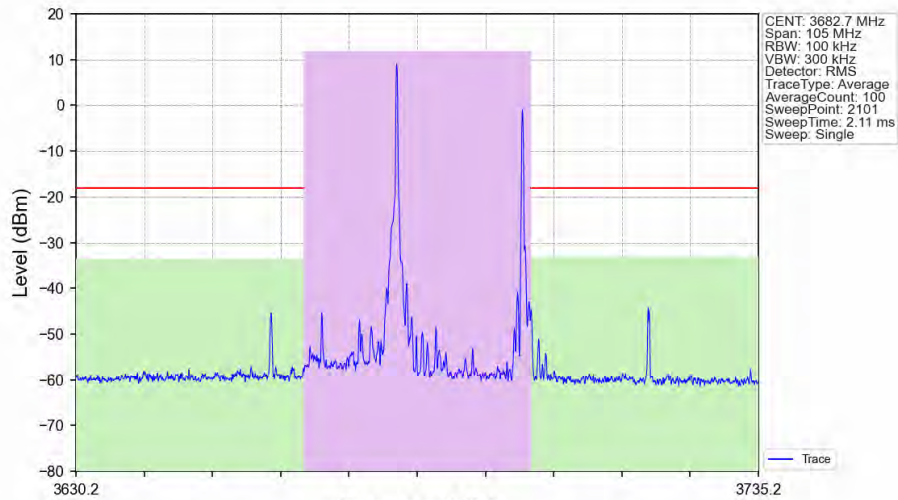
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	11.88	/	/	/	/
Adjacent	-35	35.00	-33.53	-45.41	-30	15.41	Pass
Adjacent	35	35.00	-33.15	-45.03	-30	15.03	Pass

CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3672.9_CC2:3690MHz_CC1: 1@74_CC2: 1@99



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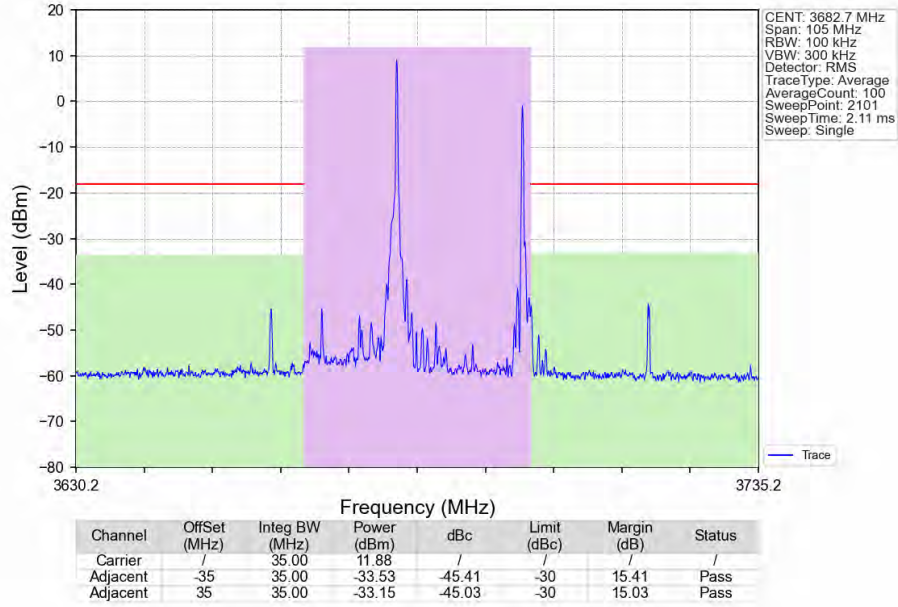
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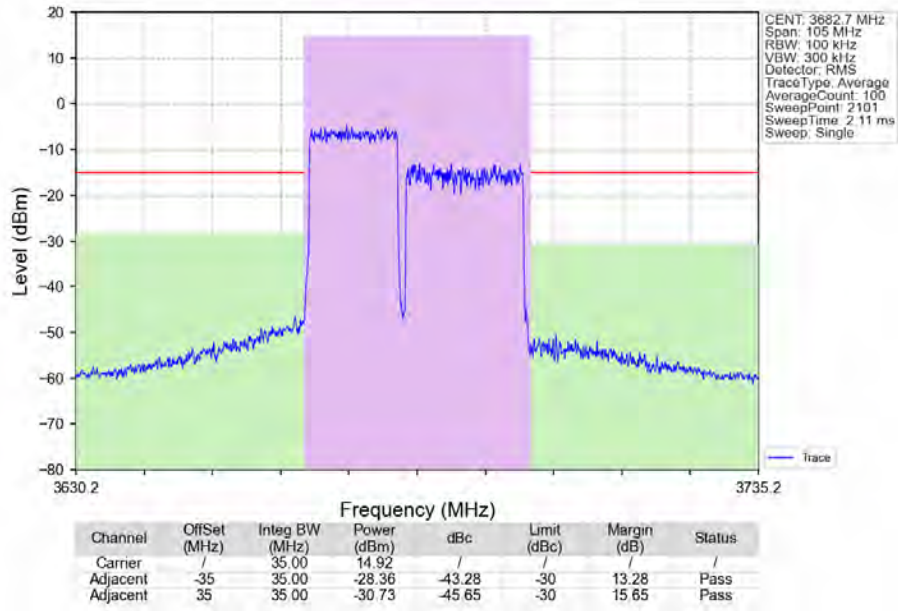
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CA_48C_SISO_NTNV_CC1:15_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3672.9_CC2:3690MHz_CC1: 75@0_CC2: 100@0



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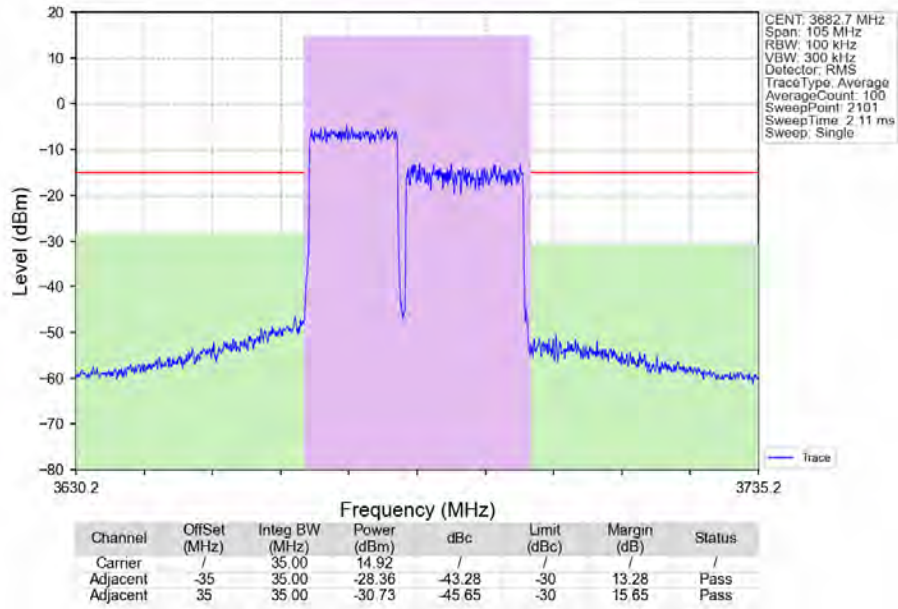
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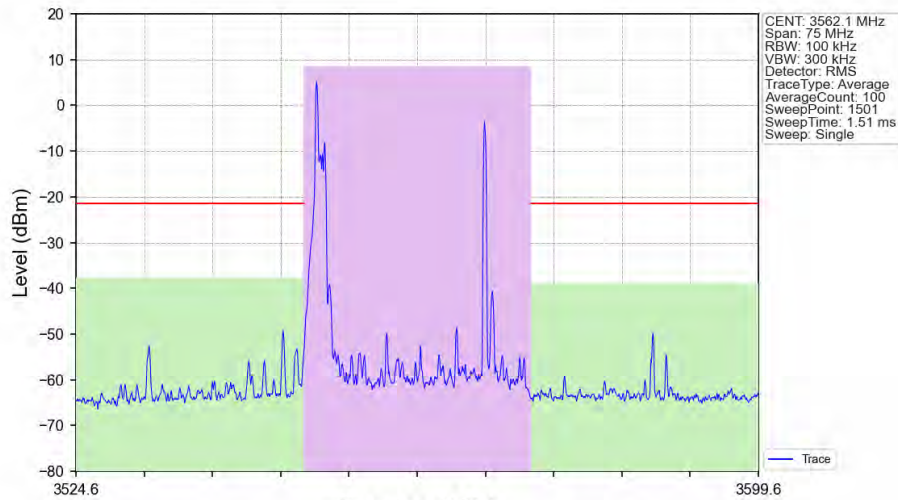
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CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3571.7MHz_CC1: 1@0_CC2: 1@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	8.53	/	/	/	/
Adjacent	-25	25.00	-37.59	-46.12	-30	16.12	Pass
Adjacent	25	25.00	-38.84	-47.37	-30	17.37	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3571.7MHz_CC1: 1@0_CC2: 1@0



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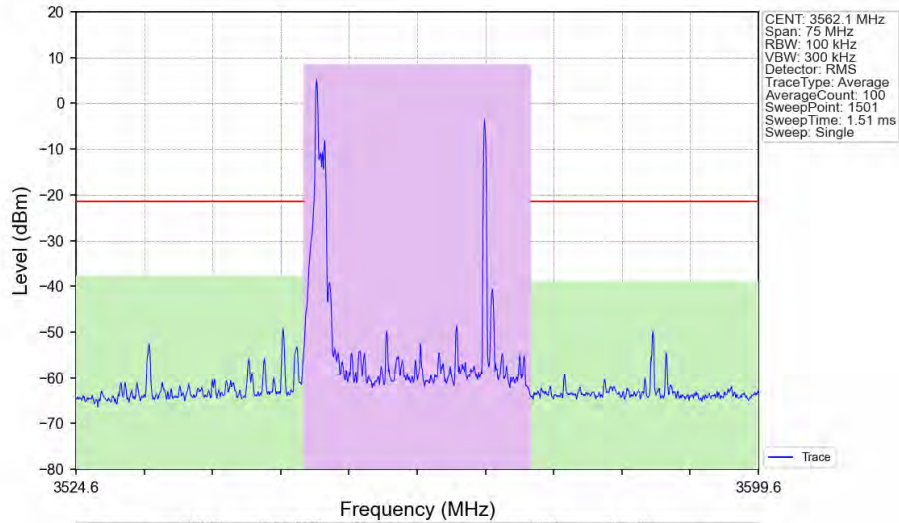
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	8.53	/	/	/	/
Adjacent	-25	25.00	-37.59	-46.12	-30	16.12	Pass
Adjacent	25	25.00	-38.84	-47.37	-30	17.37	Pass



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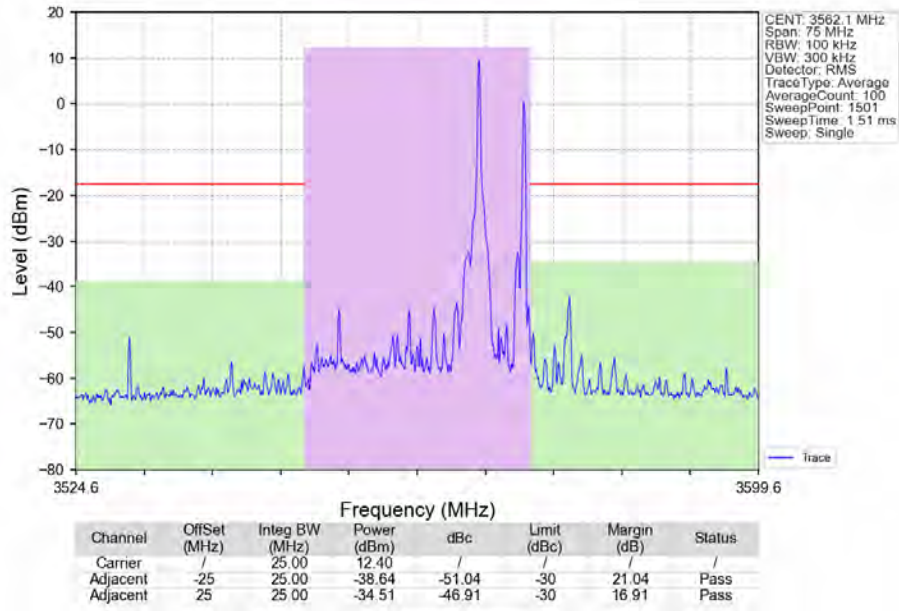
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CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3571.7MHz_CC1: 1@99_CC2: 1@24



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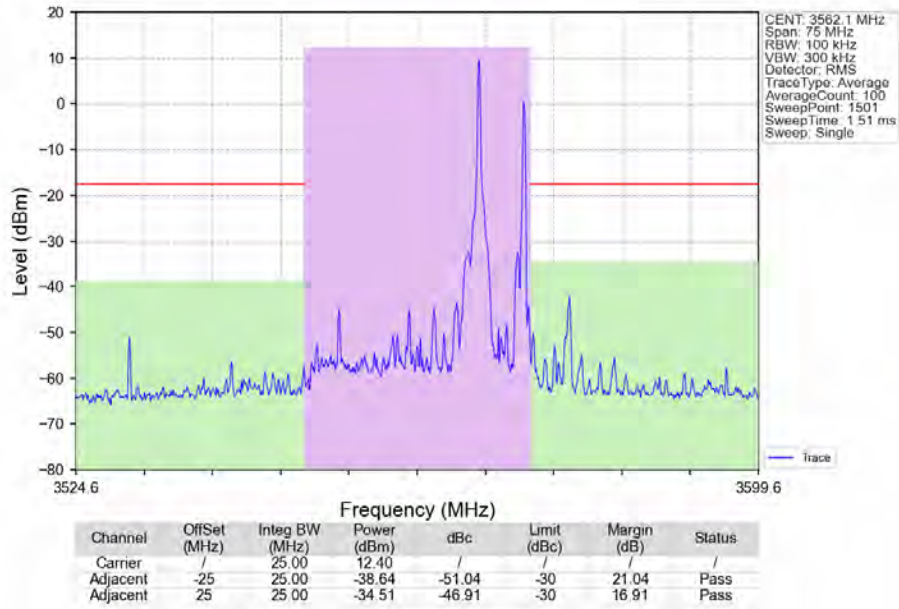
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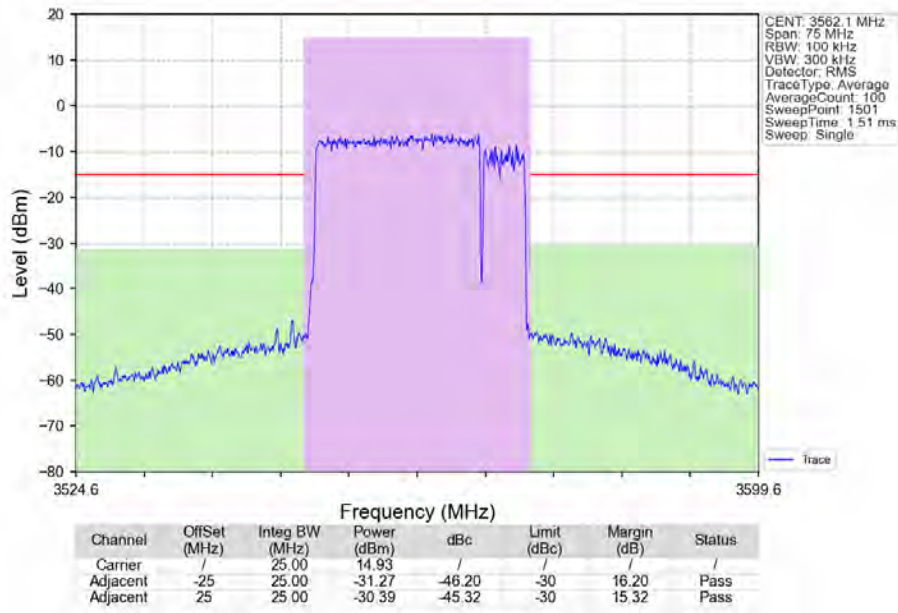
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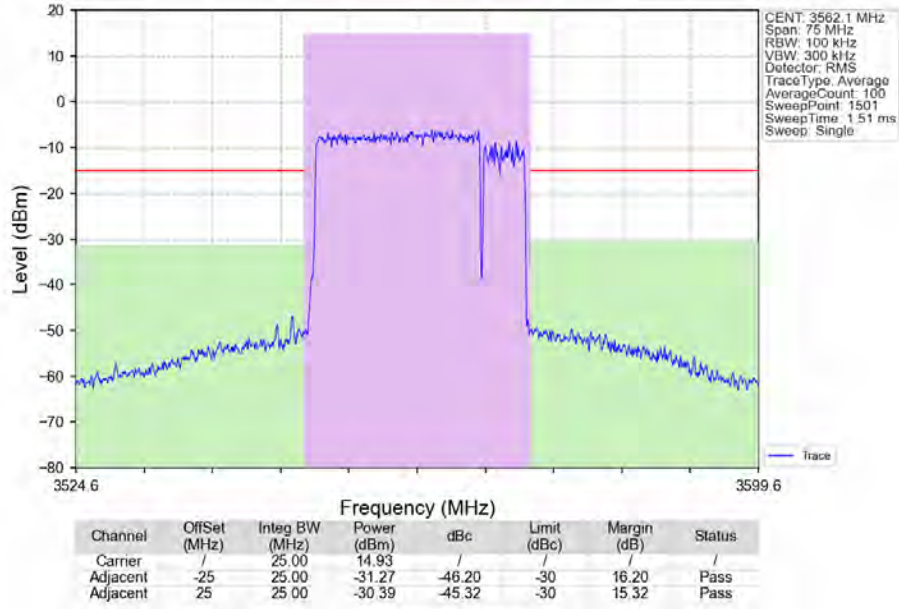
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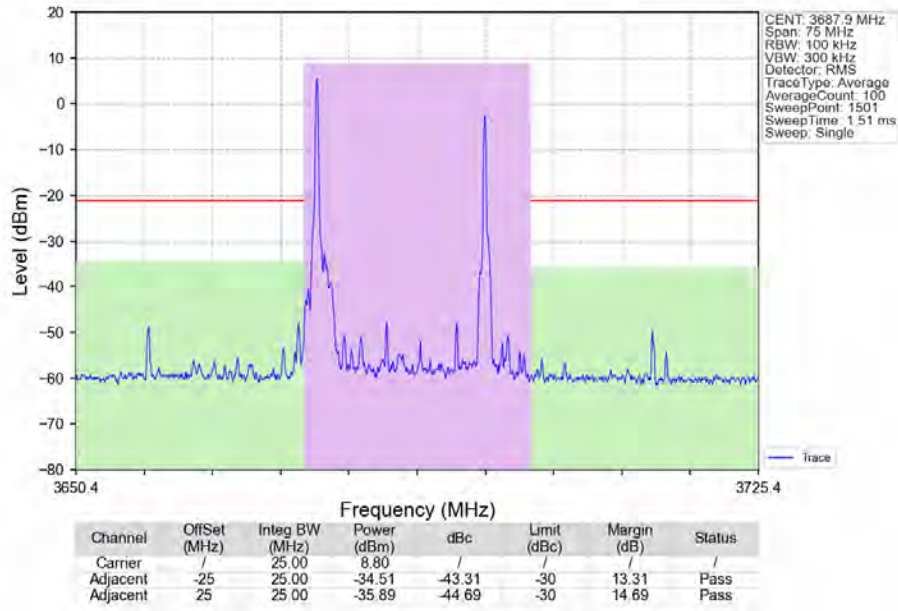
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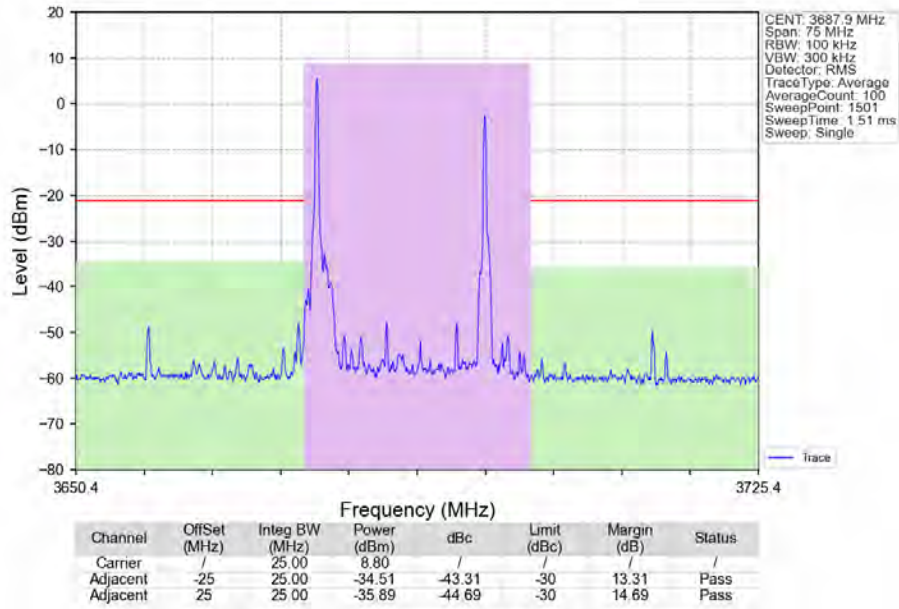
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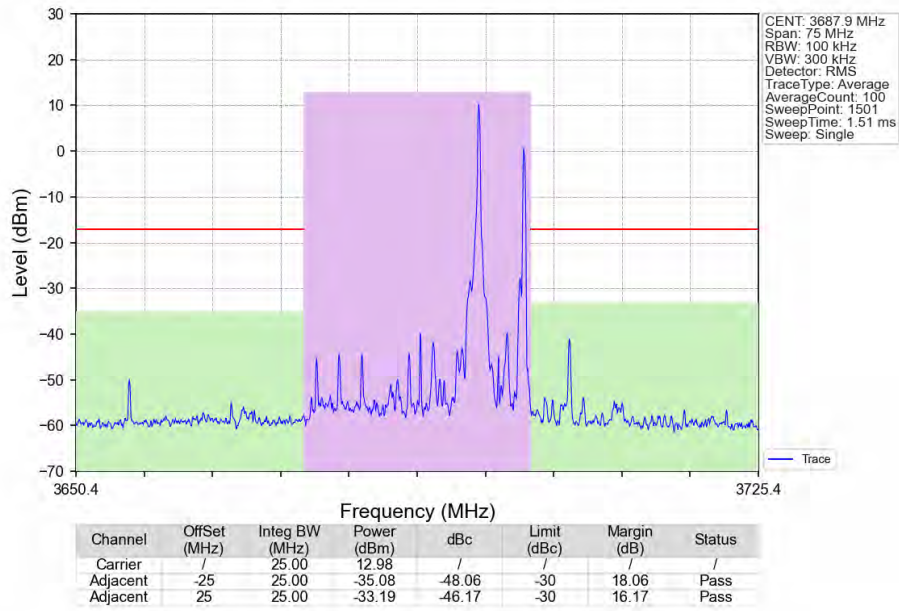
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CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3685.8_CC2:3697.5MHz_CC1: 1@99_CC2: 1@24



CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3685.8_CC2:3697.5MHz_CC1: 1@99_CC2: 1@24



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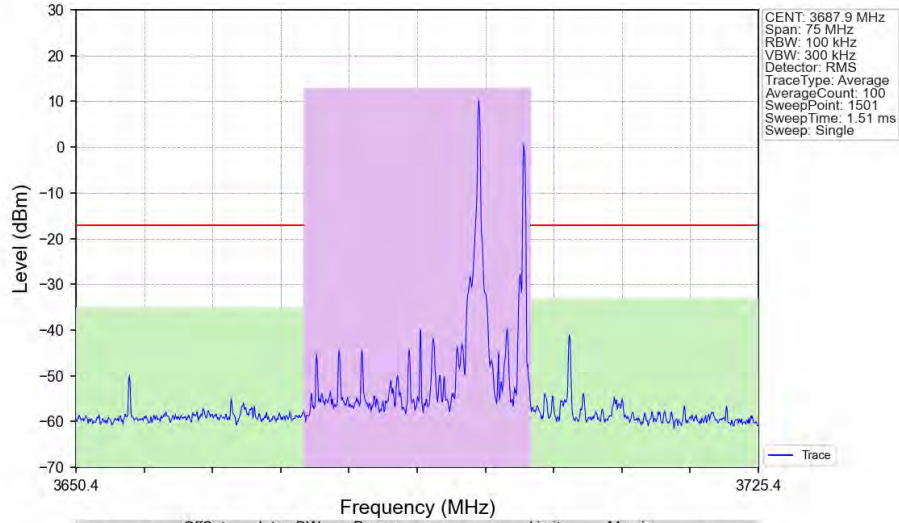
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	12.98	/	/	/	/
Adjacent	-25	25.00	-35.08	-48.06	-30	18.06	Pass
Adjacent	25	25.00	-33.19	-46.17	-30	16.17	Pass



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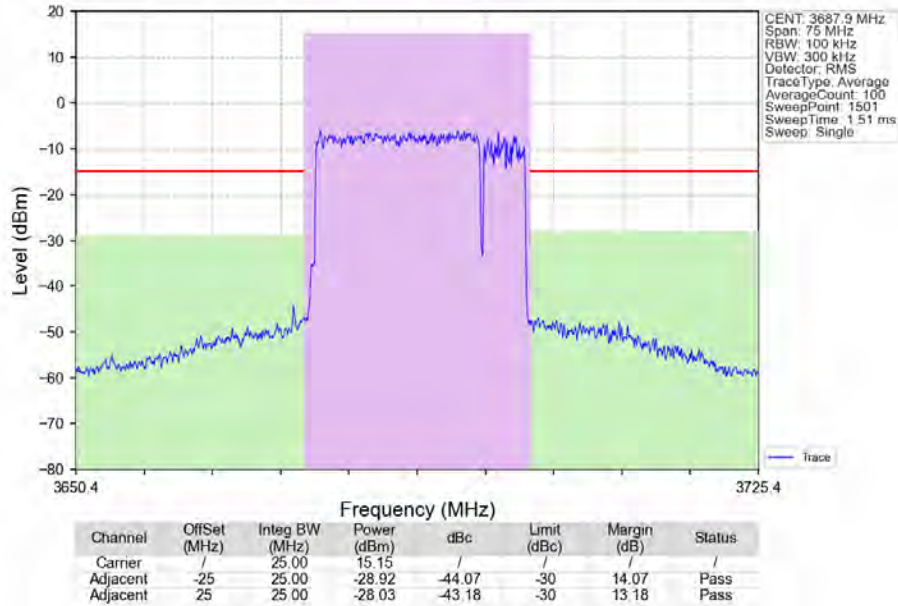
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CA_48C_SISO_NTNV_CC1:20 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:3685.8 CC2:3697.5MHz_CC1: 100@0 CC2: 25@0



CA_48C_SISO_NTNV_CC1:20 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:3685.8 CC2:3697.5MHz_CC1: 100@0 CC2: 25@0



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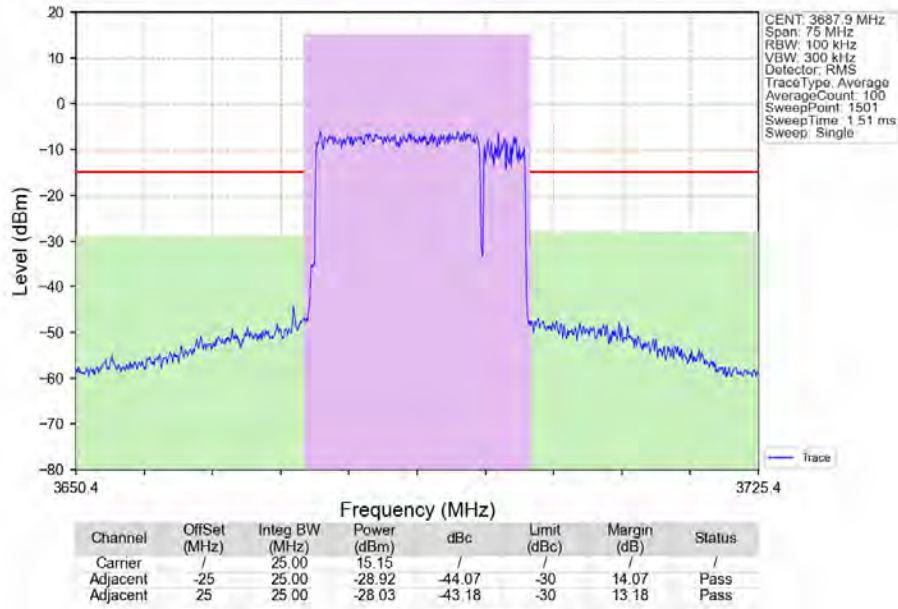
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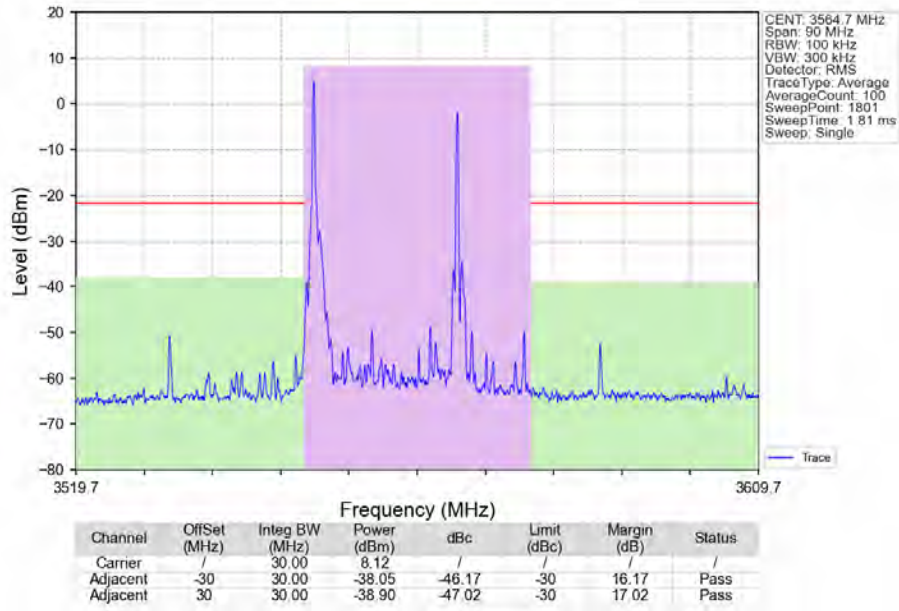
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CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 1@0_CC2: 1@0



CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 1@0_CC2: 1@0



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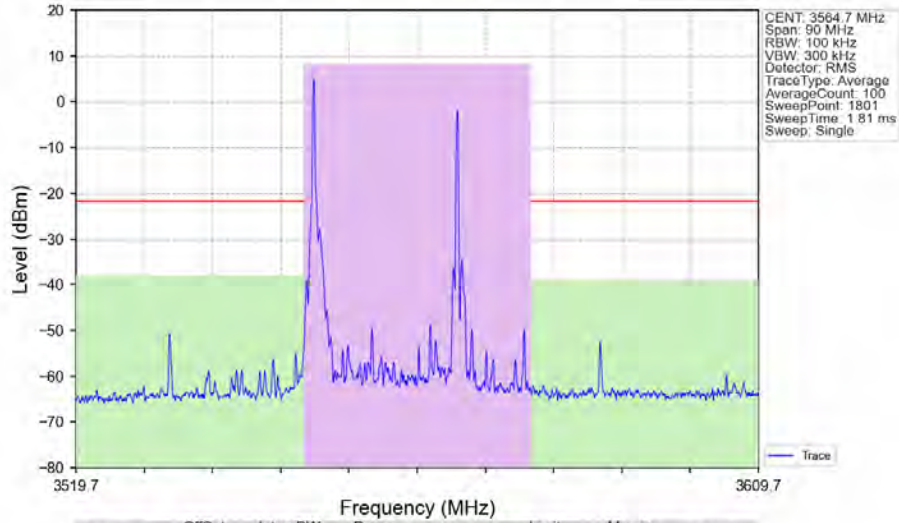
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Carrier	/	30.00	8.12	/	/	/	/
Adjacent	-30	30.00	-38.05	-46.17	-30	16.17	Pass
Adjacent	30	30.00	-38.90	-47.02	-30	17.02	Pass



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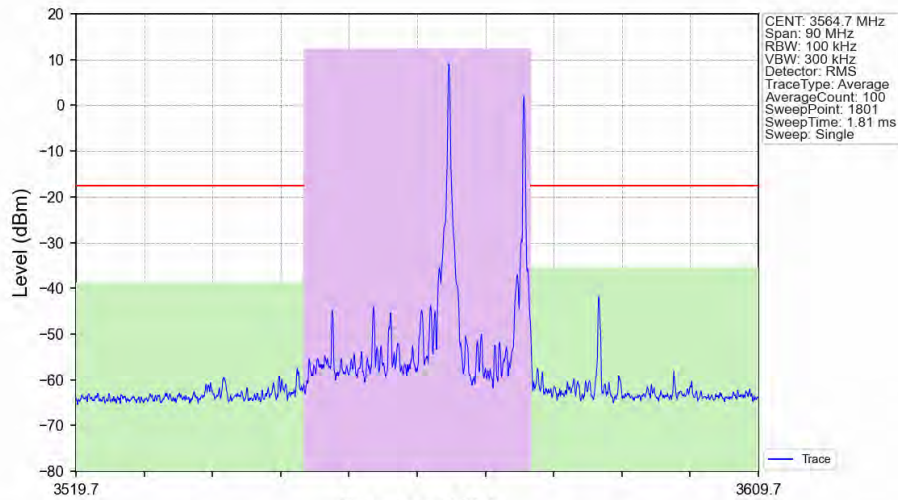
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CA 48C SISO NTN_V CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3574.4MHz CC1: 1@99 CC2: 1@49



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	12.46	/	/	/	/
Adjacent	-30	30.00	-38.81	-51.27	-30	21.27	Pass
Adjacent	30	30.00	-35.36	-47.82	-30	17.82	Pass

CA 48C SISO NTN_V CC1:20 CC2:10MHz CC1:QPSK CC2:QPSK CC1:3560 CC2:3574.4MHz CC1: 1@99 CC2: 1@49



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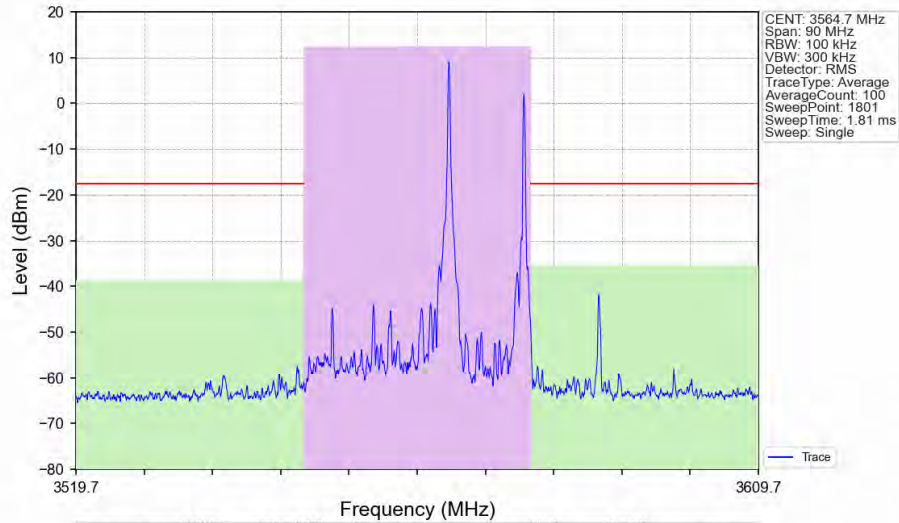
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	12.46	/	/	/	/
Adjacent	-30	30.00	-38.81	-51.27	-30	21.27	Pass
Adjacent	30	30.00	-35.36	-47.82	-30	17.82	Pass



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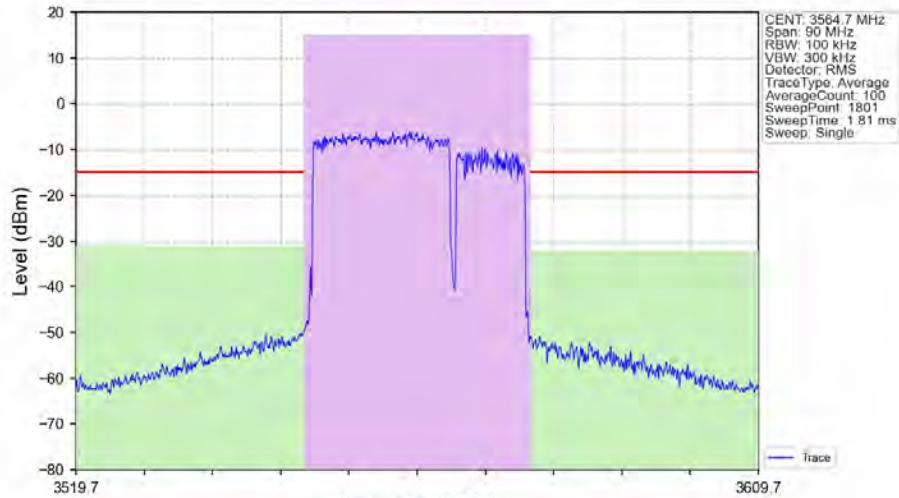
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CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 100@0 CC2: 50@0



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	15.00	/	/	/	/
Adjacent	-30	30.00	-31.14	-46.14	-30	16.14	Pass
Adjacent	30	30.00	-31.99	-46.99	-30	16.99	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 100@0 CC2: 50@0



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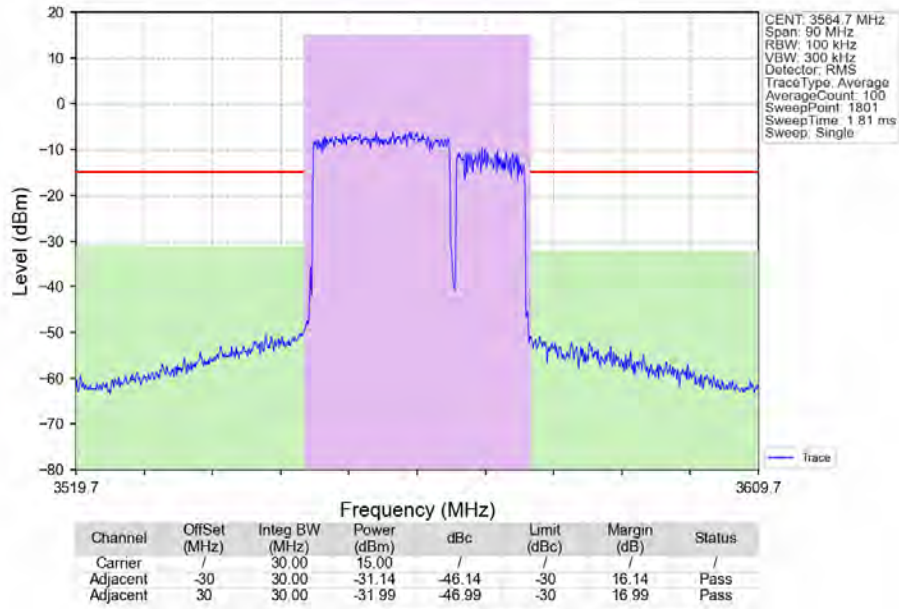
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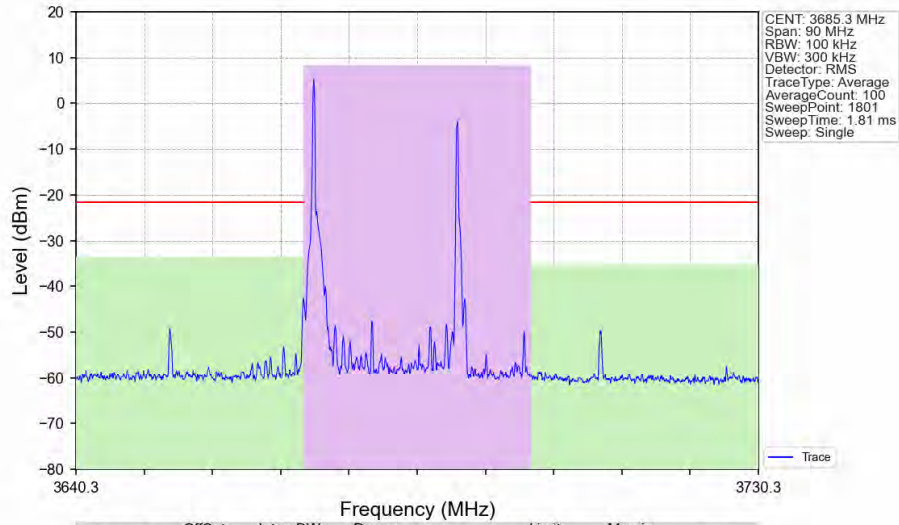
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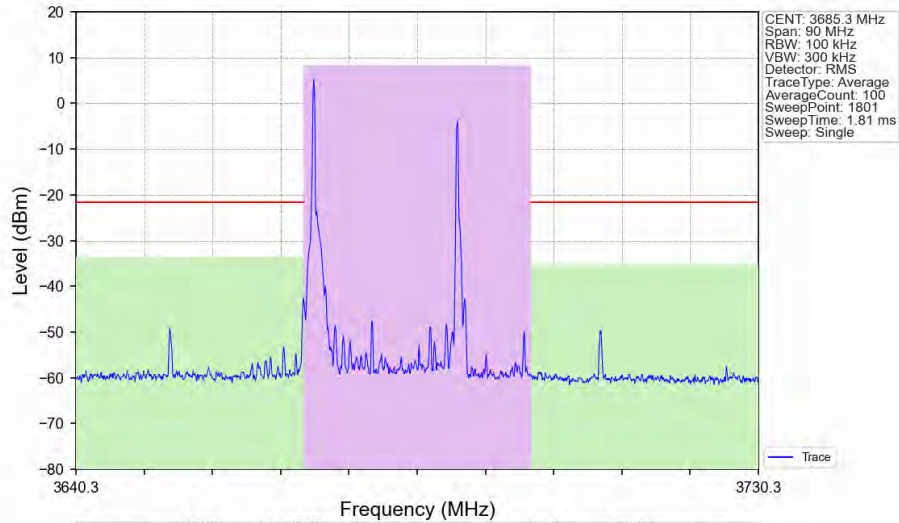
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Carrier	/	30.00	8.34	/	/	/	/
Adjacent	-30	30.00	-33.58	-41.92	-30	11.92	Pass
Adjacent	30	30.00	-35.29	-43.63	-30	13.63	Pass



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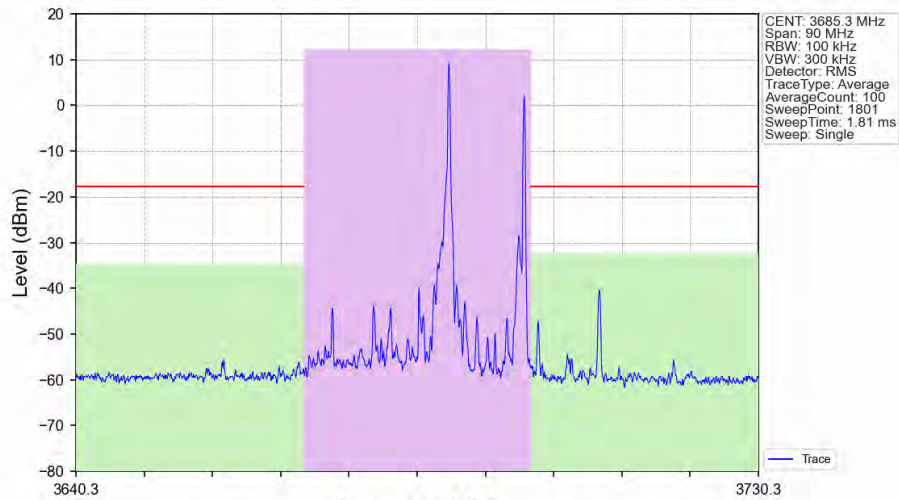
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CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3680.6_CC2:3695MHz_CC1: 1@99_CC2: 1@49



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	12.27	/	/	/	/
Adjacent	-30	30.00	-34.70	-46.97	-30	16.97	Pass
Adjacent	30	30.00	-32.32	-44.59	-30	14.59	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3680.6_CC2:3695MHz_CC1: 1@99_CC2: 1@49



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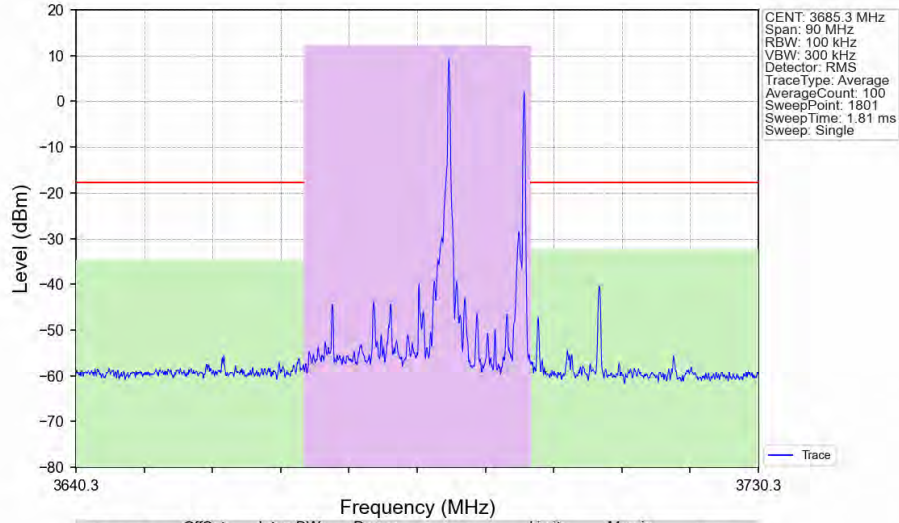
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	12.27	/	/	/	/
Adjacent	-30	30.00	-34.70	-46.97	-30	16.97	Pass
Adjacent	30	30.00	-32.32	-44.59	-30	14.59	Pass



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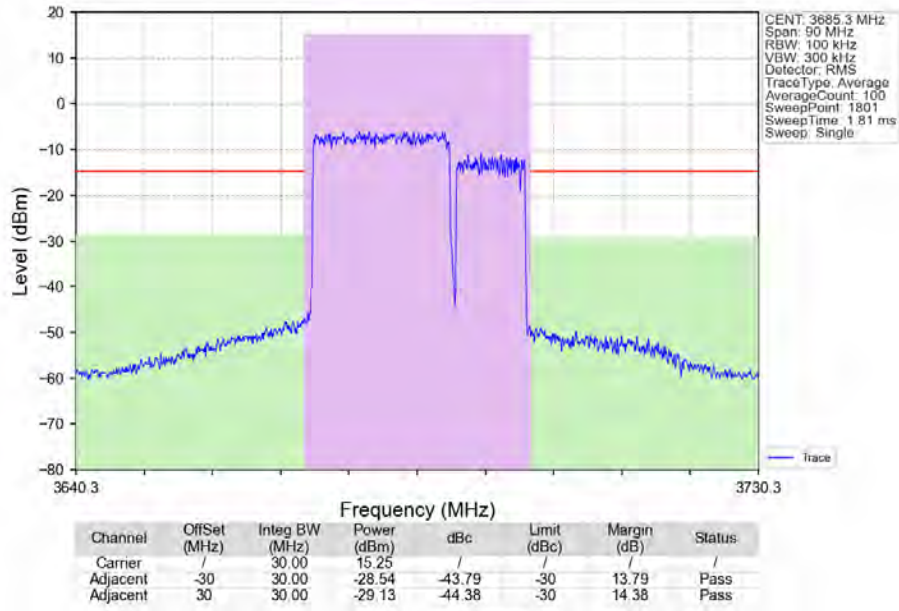
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CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3680.6_CC2:3695MHz_CC1: 100@0_CC2: 50@0



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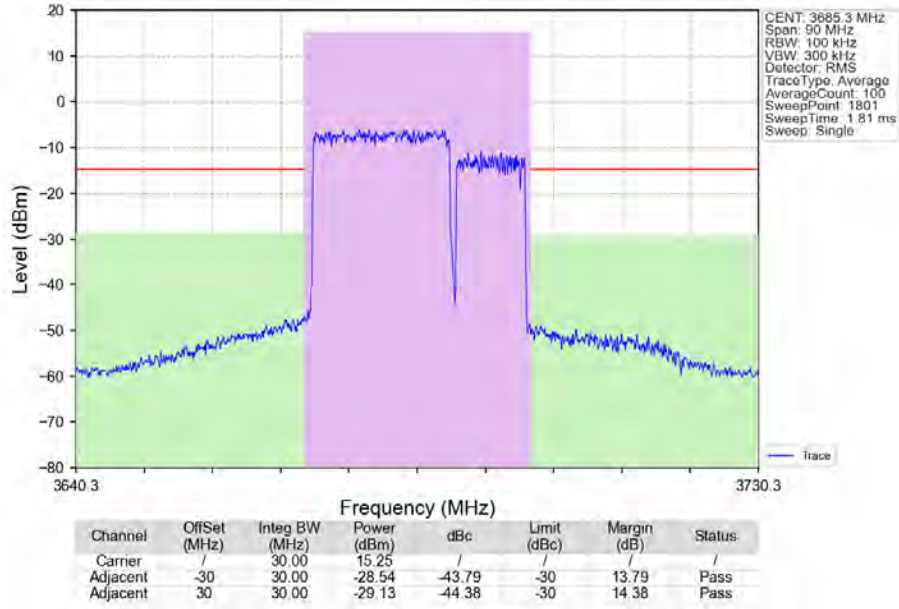
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	10.42	/	/	/	/
Adjacent	-35	35.00	-33.60	-44.02	-30	14.02	Pass
Adjacent	35	35.00	-36.47	-46.89	-30	16.89	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3577.1MHz_CC1: 1@0_CC2: 1@0



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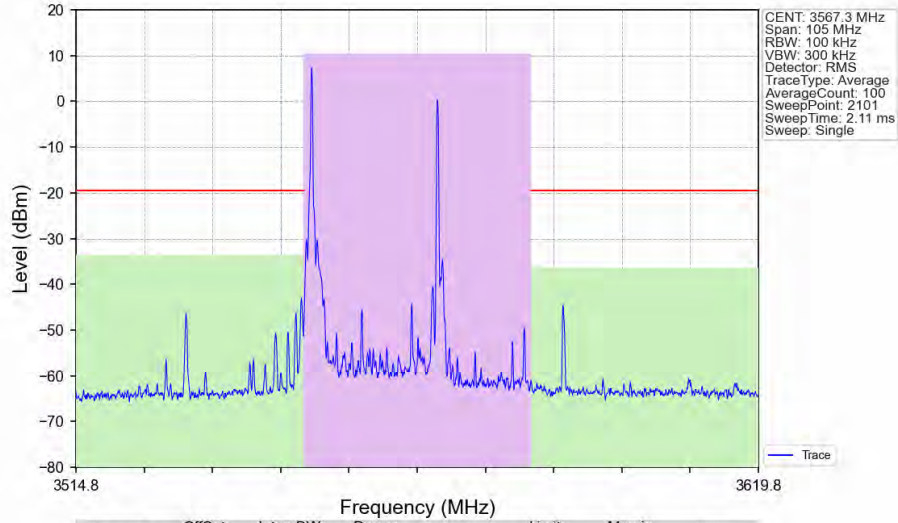
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	10.42	/	/	/	/
Adjacent	-35	35.00	-33.60	-44.02	-30	14.02	Pass
Adjacent	35	35.00	-36.47	-46.89	-30	16.89	Pass



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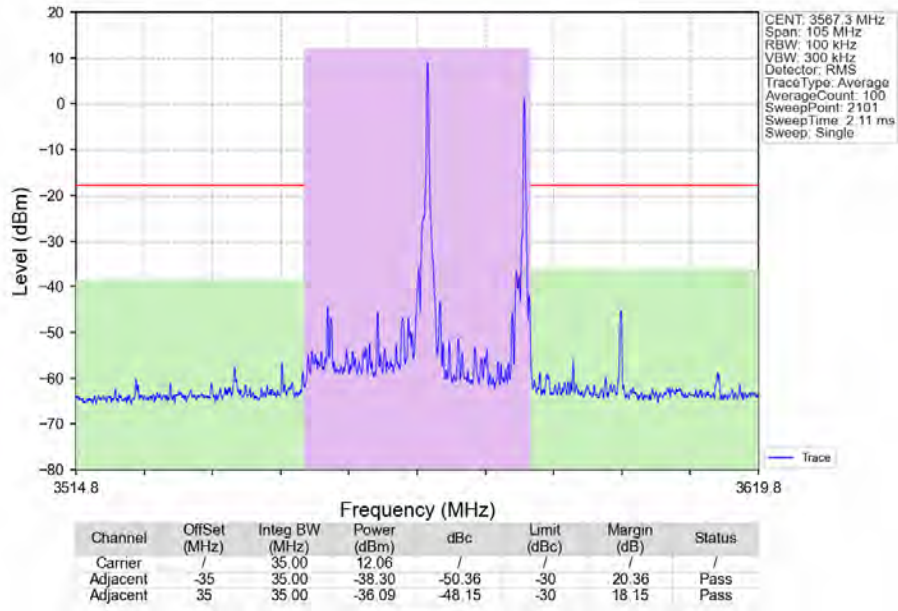
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CA_48C_SISO_NTNV_CC1:20_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3577.1MHz_CC1: 1@99_CC2: 1@74



CA_48C_SISO_NTNV_CC1:20_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3577.1MHz_CC1: 1@99_CC2: 1@74



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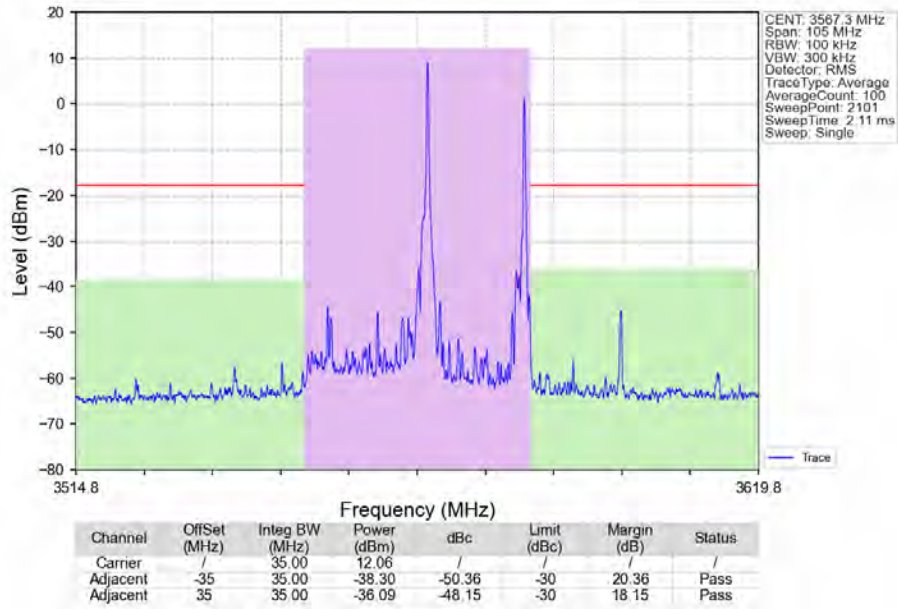
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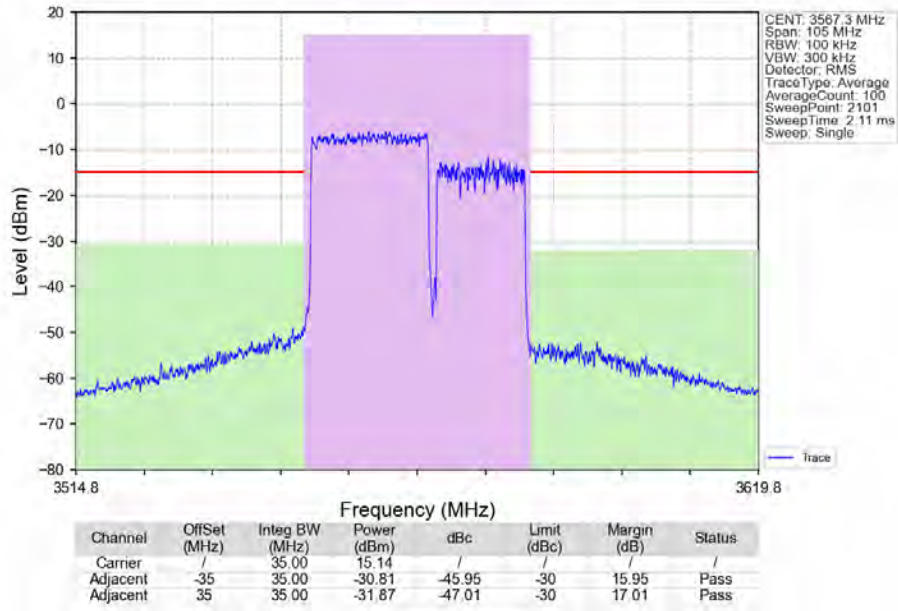
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CA_48C_SISO_NTNV_CC1:20_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3577.1MHz_CC1: 100@0_CC2: 75@0



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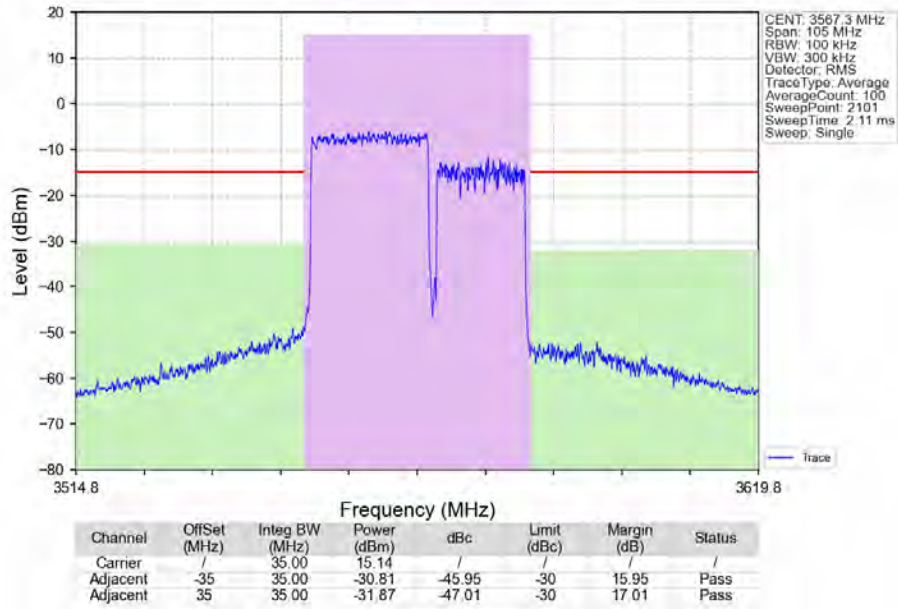
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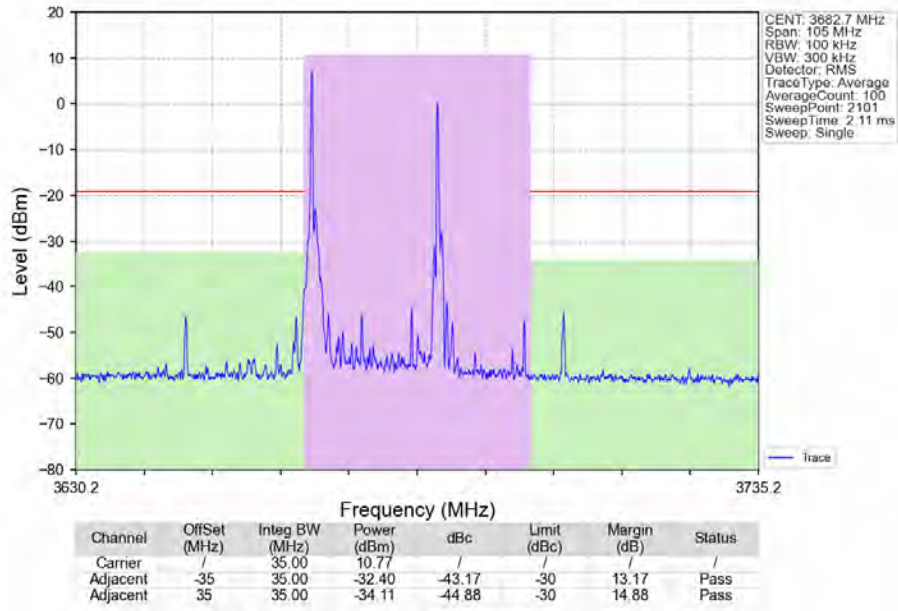
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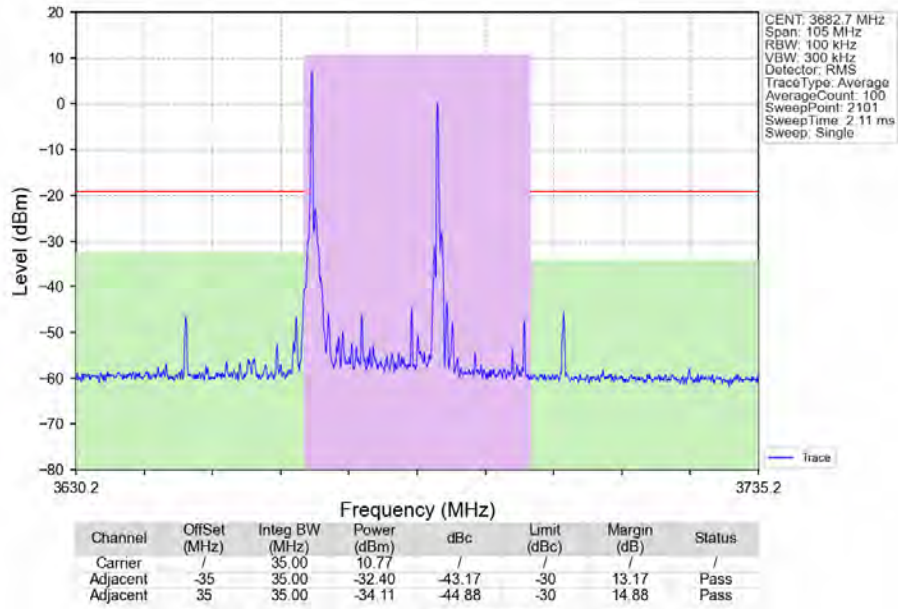
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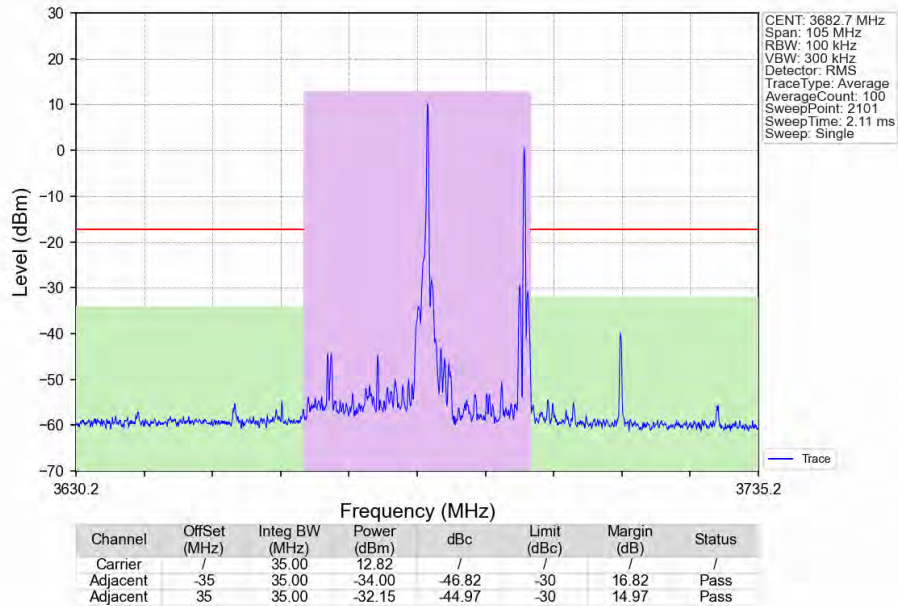
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CA_48C_SISO_NTNV_CC1:20 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:3675.4 CC2:3692.5MHz_CC1: 1@99 CC2: 1@74



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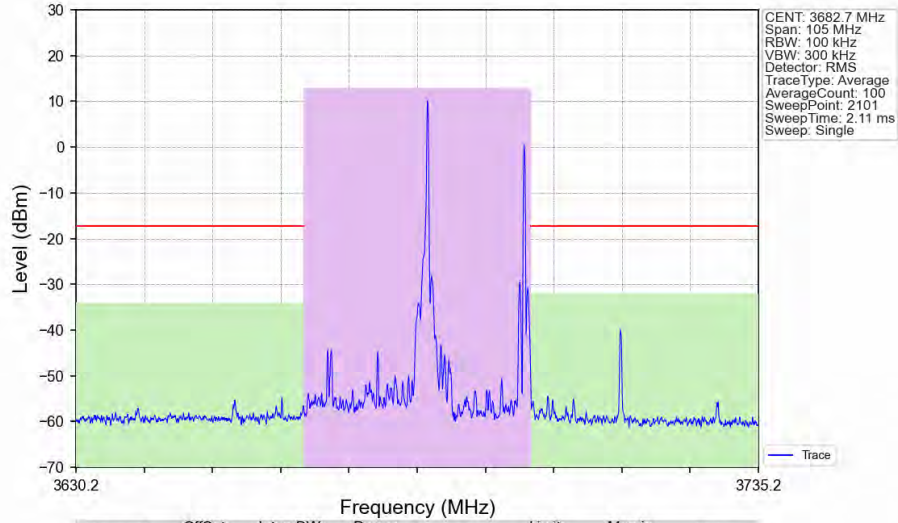
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	12.82	/	/	/	/
Adjacent	-35	35.00	-34.00	-46.82	-30	16.82	Pass
Adjacent	35	35.00	-32.15	-44.97	-30	14.97	Pass



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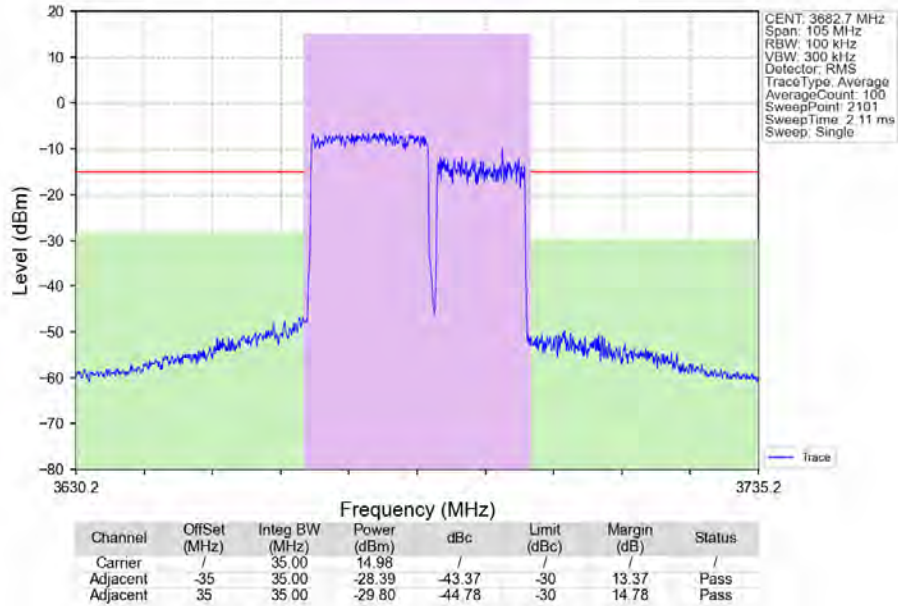
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CA_48C_SISO_NTNV_CC1:20 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:3675.4 CC2:3692.5MHz_CC1: 100@0 CC2: 75@0



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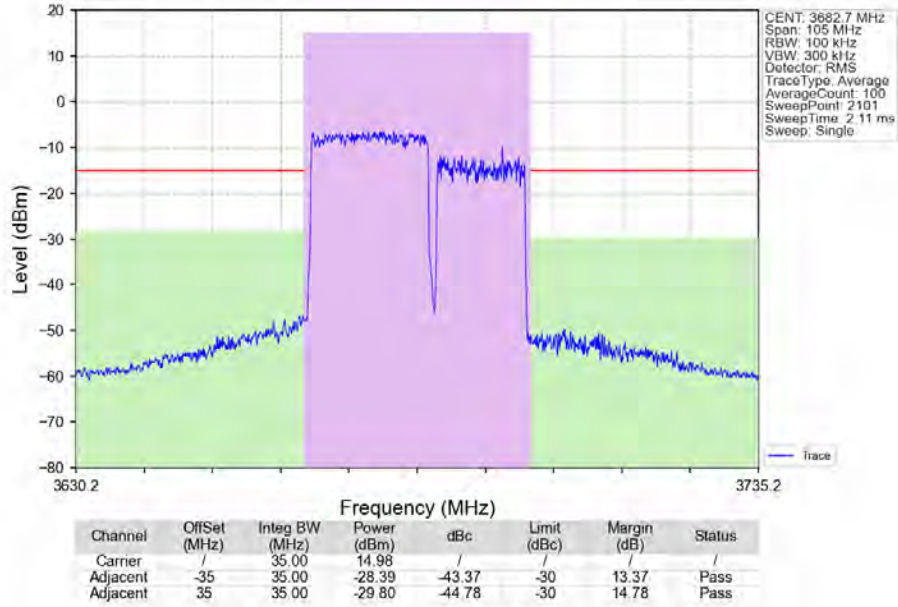
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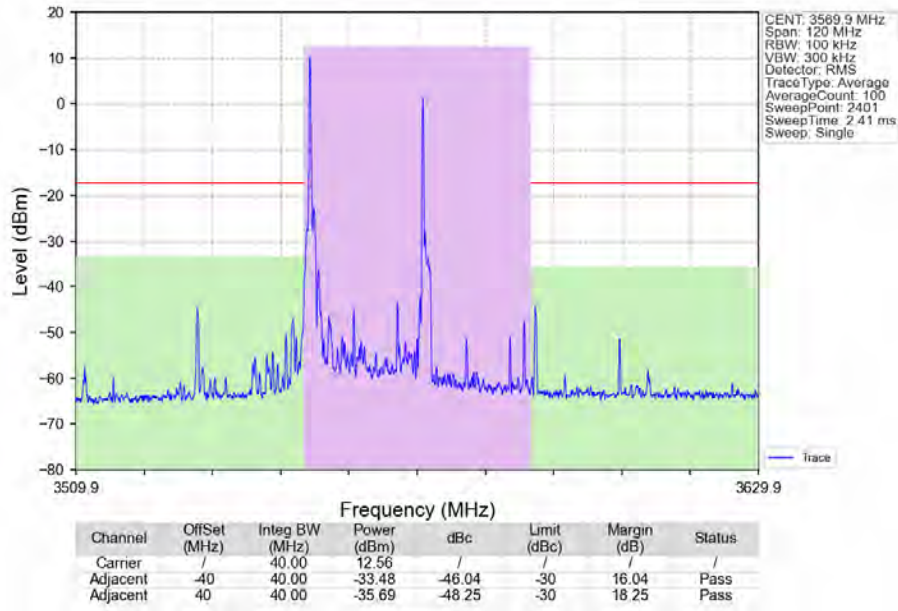
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CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3560 CC2:3579.8MHz_CC1: 1@0 CC2: 1@0



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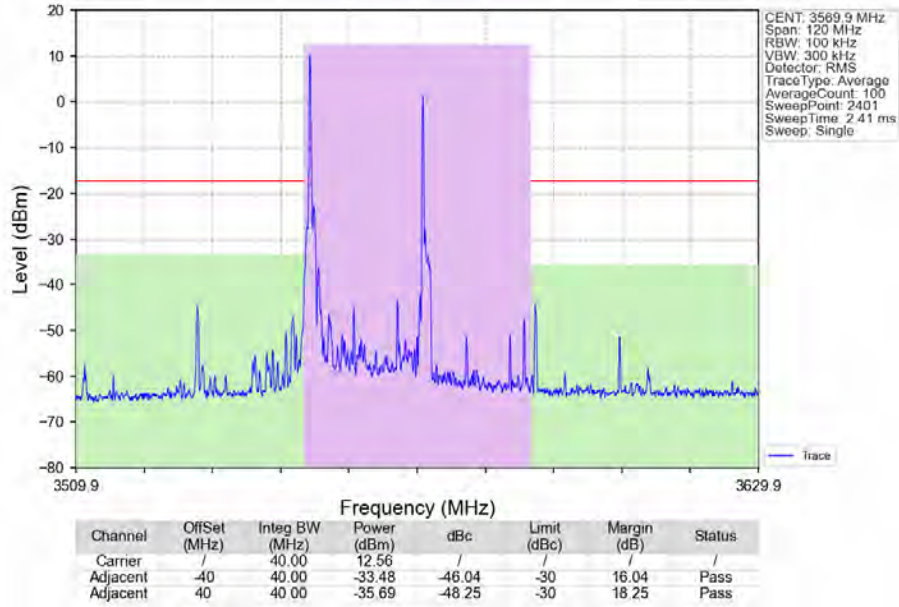
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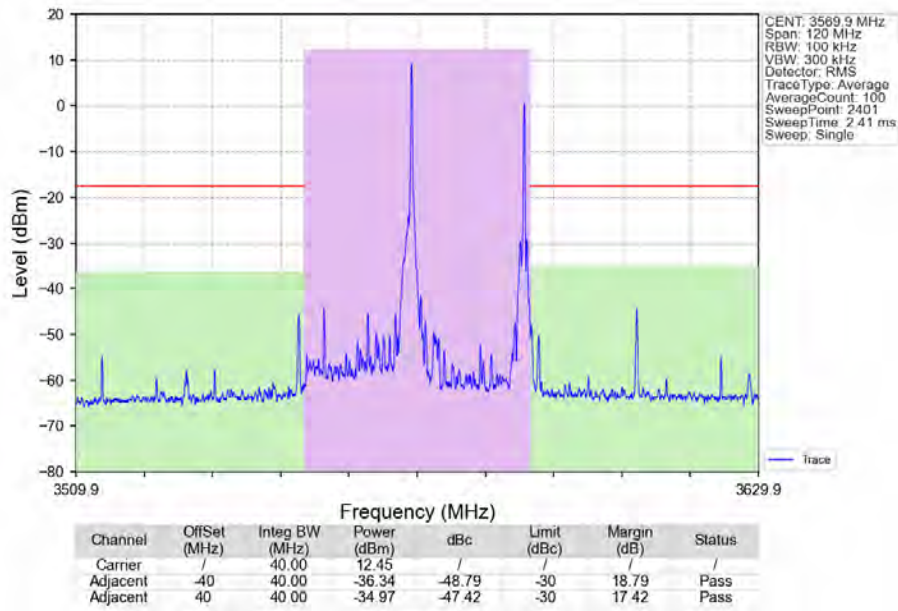
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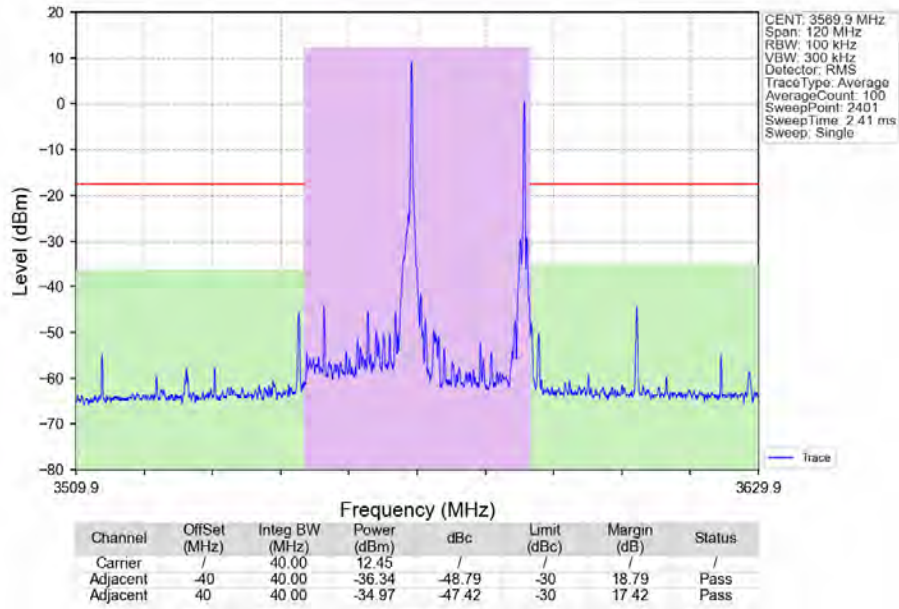
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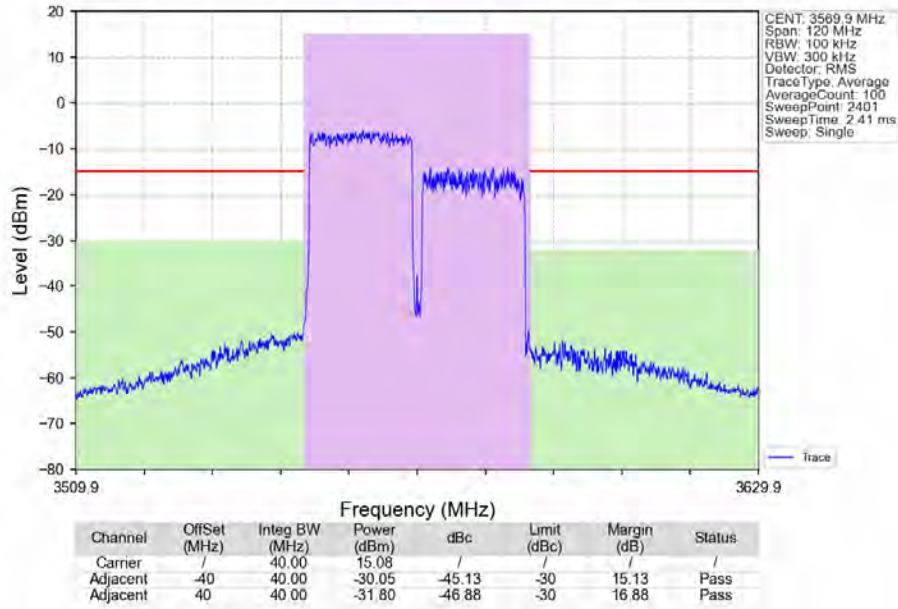
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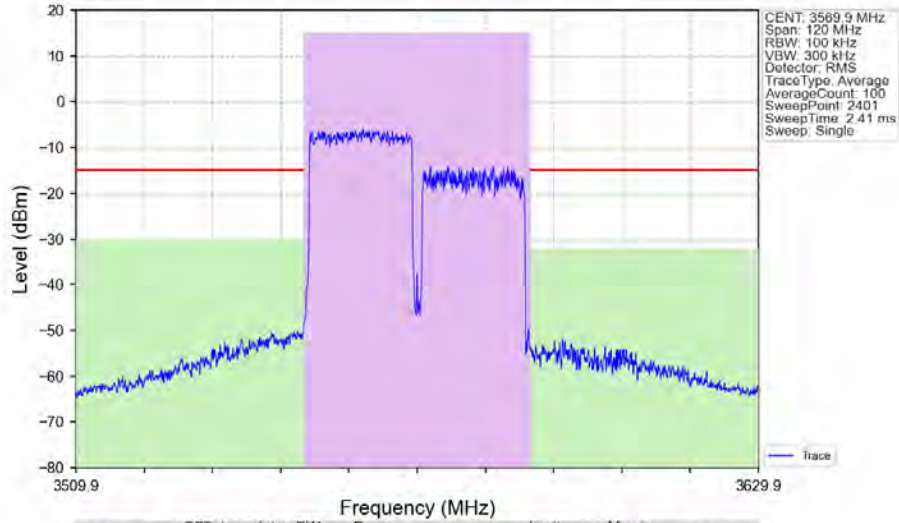
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	15.08	/	/	/	/
Adjacent	-40	40.00	-30.05	-45.13	-30	15.13	Pass
Adjacent	40	40.00	-31.80	-46.88	-30	16.88	Pass



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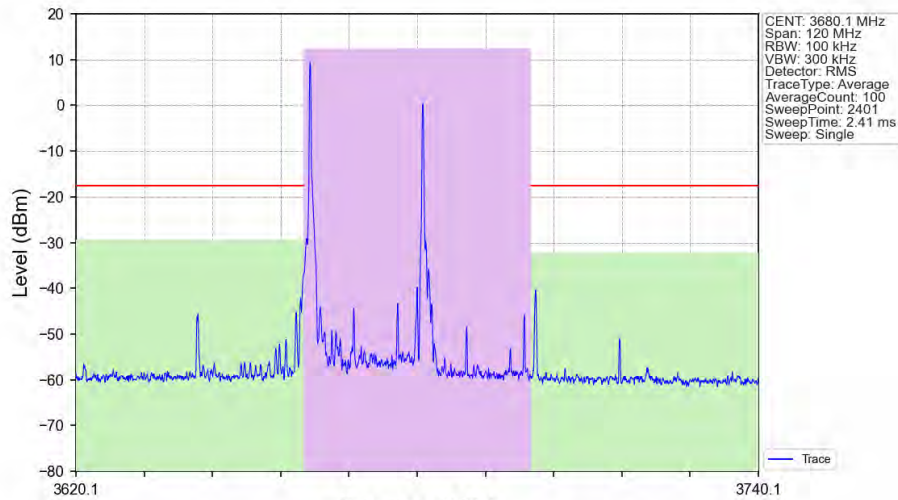
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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.46	/	/	/	/
Adjacent	-40	40.00	-29.32	-41.78	-30	11.78	Pass
Adjacent	40	40.00	-32.19	-44.65	-30	14.65	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3670.2_CC2:3690MHz_CC1: 1@0_CC2: 1@0



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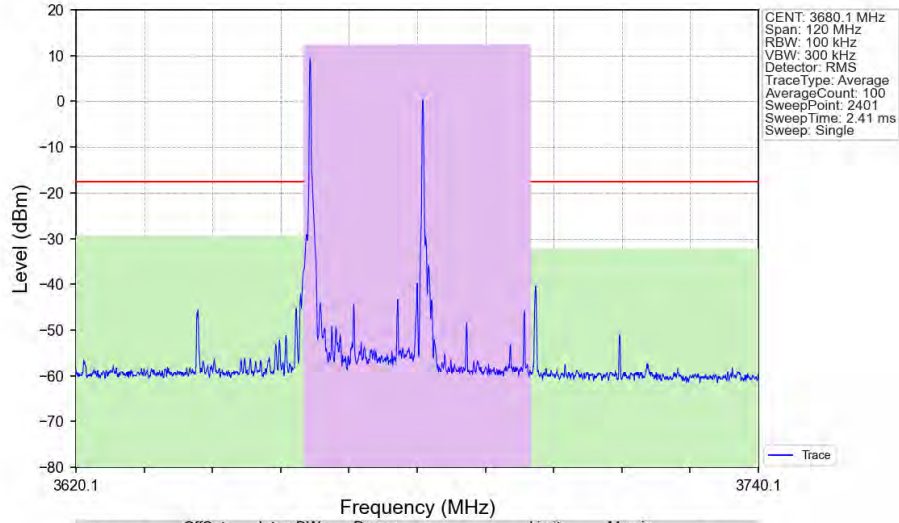
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.46	/	/	/	/
Adjacent	-40	40.00	-29.32	-41.78	-30	11.78	Pass
Adjacent	40	40.00	-32.19	-44.65	-30	14.65	Pass



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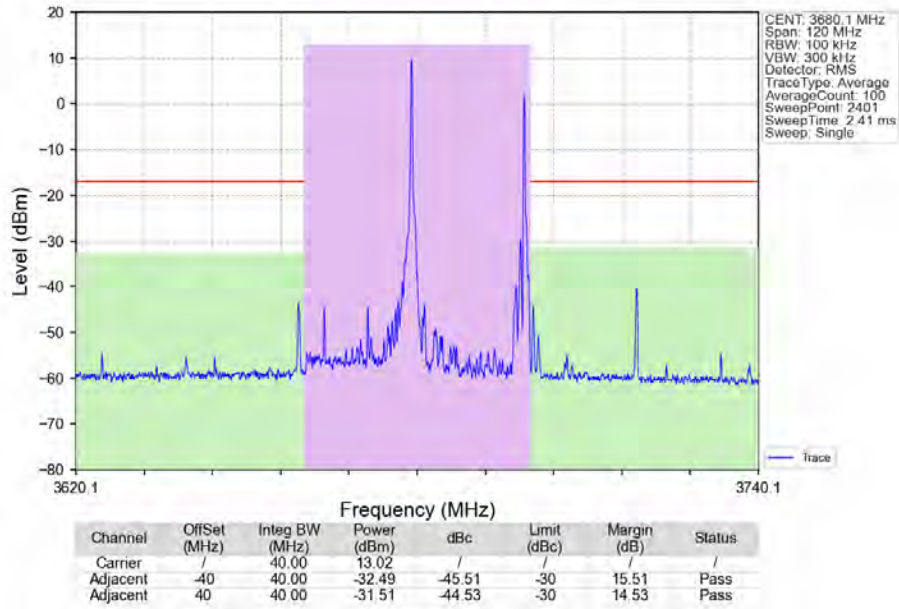
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CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3670.2_CC2:3690MHz_CC1: 1@99_CC2: 1@99



CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3670.2_CC2:3690MHz_CC1: 1@99_CC2: 1@99



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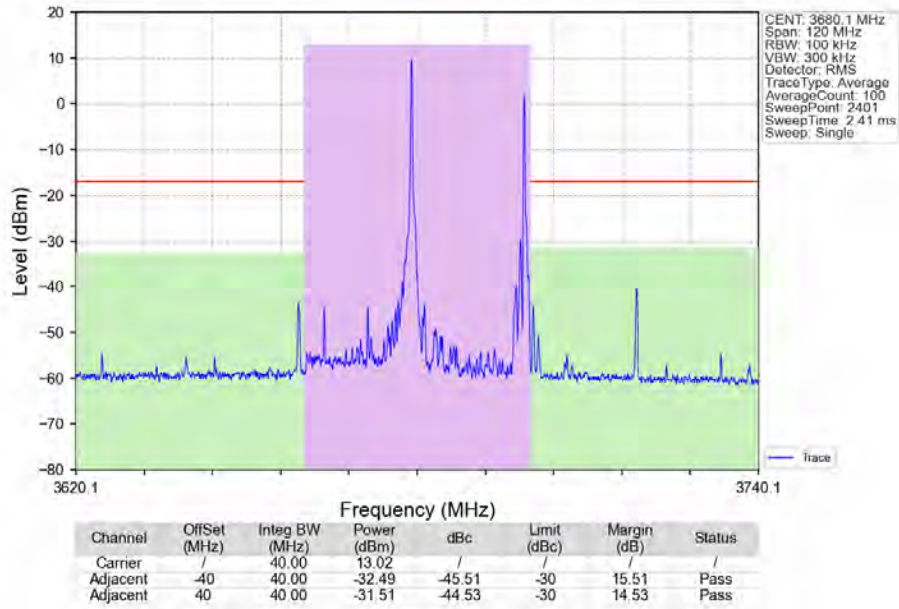
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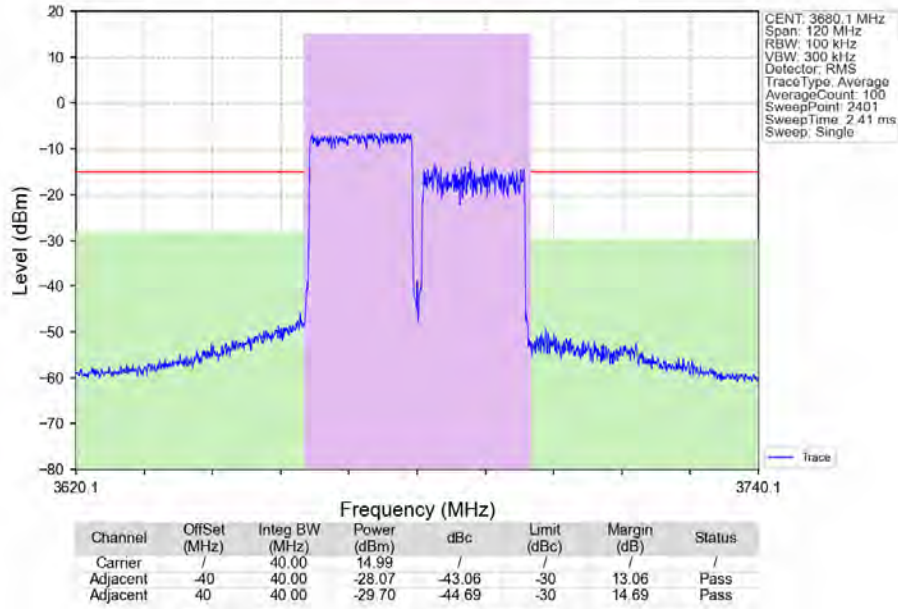
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CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3670.2 CC2:3690MHz_CC1: 100@0 CC2: 100@0



CA_48C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:3670.2 CC2:3690MHz_CC1: 100@0 CC2: 100@0



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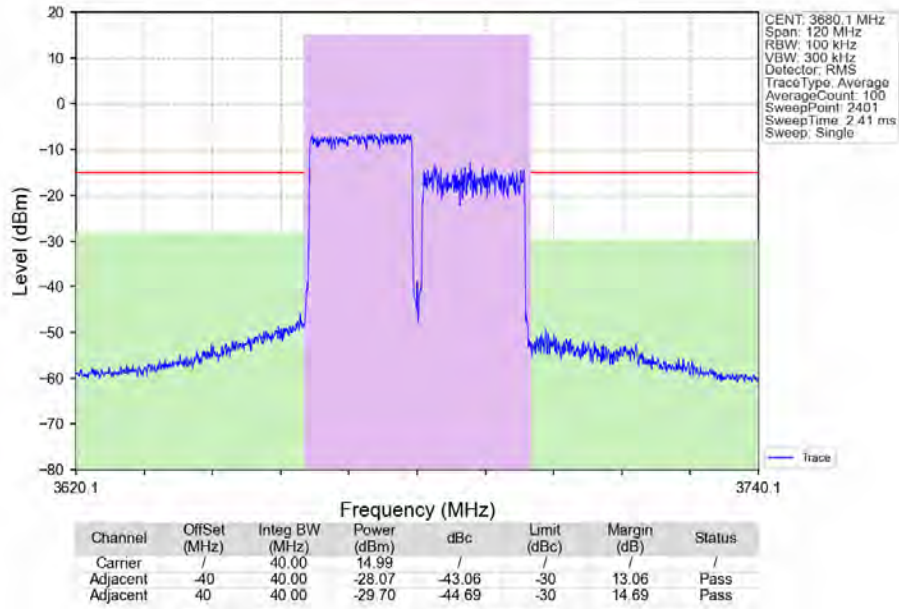
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4. Field Strength of Spurious Radiation

For report SUCR240400009001:

Test Band = LTE CA_48C_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7450	43.21	-38.25	36.80	-53.50	-40.00	13.50	Horizontal
2	9504.5	42.21	-35.55	37.80	-50.80	-40.00	10.80	Horizontal
3	11521	43.18	-35.43	40.22	-47.29	-40.00	7.29	Horizontal
4	13261.5	43.17	-34.23	39.75	-46.57	-40.00	6.57	Horizontal
5	14771	40.94	-30.58	41.69	-43.21	-40.00	3.21	Horizontal
6	16520	40.83	-29.61	39.34	-44.70	-40.00	4.70	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7430.5	43.61	-38.36	36.76	-53.25	-40.00	13.25	Vertical
2	8730	42.06	-36.51	36.72	-52.99	-40.00	12.99	Vertical
3	10912	42.63	-35.49	40.19	-47.93	-40.00	7.93	Vertical
4	13204	42.57	-34.17	39.52	-47.34	-40.00	7.34	Vertical
5	14782	41.03	-30.82	41.65	-43.40	-40.00	3.40	Vertical
6	16437	39.92	-28.37	38.99	-44.72	-40.00	4.72	Vertical



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Test Band = LTE CA_48C_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7478	43.83	-38.41	36.86	-52.98	-40.00	12.98	Horizontal
2	8866.5	42.06	-36.25	36.77	-52.68	-40.00	12.68	Horizontal
3	10614.5	42.49	-35.41	39.33	-48.85	-40.00	8.85	Horizontal
4	12383.5	42.97	-35.03	39.70	-47.62	-40.00	7.62	Horizontal
5	14749	40.36	-30.16	41.75	-43.31	-40.00	3.31	Horizontal
6	16097	40.76	-28.30	38.09	-44.71	-40.00	4.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7182	43.80	-38.90	36.53	-53.83	-40.00	13.83	Vertical
2	8881	42.12	-36.17	36.74	-52.57	-40.00	12.57	Vertical
3	11532.5	43.19	-35.44	40.23	-47.28	-40.00	7.28	Vertical
4	13693.5	42.00	-33.12	40.19	-46.19	-40.00	6.19	Vertical
5	14748.5	40.64	-30.18	41.75	-43.05	-40.00	3.05	Vertical
6	16437	39.97	-28.37	38.99	-44.67	-40.00	4.67	Vertical



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Test Band = LTE CA_48C_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7408.5	43.75	-38.47	36.72	-53.26	-40.00	13.26	Horizontal
2	8926	42.11	-36.24	36.80	-52.59	-40.00	12.59	Horizontal
3	10641	42.66	-35.44	39.38	-48.66	-40.00	8.66	Horizontal
4	12728	42.97	-34.32	38.93	-47.68	-40.00	7.68	Horizontal
5	14777.5	40.85	-30.72	41.67	-43.46	-40.00	3.46	Horizontal
6	16517	40.70	-29.58	39.33	-44.81	-40.00	4.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7425.5	43.48	-38.38	36.75	-53.41	-40.00	13.41	Vertical
2	9343.5	42.67	-35.90	37.36	-51.13	-40.00	11.13	Vertical
3	11523	42.99	-35.43	40.22	-47.48	-40.00	7.48	Vertical
4	13194.5	42.38	-34.06	39.50	-47.44	-40.00	7.44	Vertical
5	14774.5	40.88	-30.65	41.68	-43.35	-40.00	3.35	Vertical
6	16507	40.51	-29.48	39.31	-44.92	-40.00	4.92	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) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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For report SUCR240400008901:

Test Band = LTE Band48CA_ TM1
Test Channel = Low FCC

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7102.025	45.40	-43.66	35.49	-58.03	-40.00	18.03	Horizontal
2	8038.7	41.86	-41.82	36.78	-58.44	-40.00	18.44	Horizontal
3	9260	39.92	-40.02	36.79	-58.57	-40.00	18.57	Horizontal
4	10653.8	39.91	-37.73	38.53	-54.55	-40.00	14.55	Horizontal
5	12399.5	36.62	-36.99	38.92	-56.71	-40.00	16.71	Horizontal
6	15800.625	32.54	-33.07	39.62	-56.17	-40.00	16.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7102.025	51.95	-43.66	35.49	-51.48	-40.00	11.48	Vertical
2	8411.875	41.38	-41.42	36.59	-58.71	-40.00	18.71	Vertical
3	10048.9	37.91	-39.05	38.22	-58.17	-40.00	18.17	Vertical
4	10653.225	48.20	-37.73	38.53	-46.27	-40.00	6.27	Vertical
5	13176.325	35.69	-36.58	39.42	-56.73	-40.00	16.73	Vertical
6	14993.325	33.98	-34.47	41.30	-54.45	-40.00	14.45	Vertical



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Report No.: SUCR240400008901

Rev.: 01

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Test Band = LTE Band48CA_ TM1

Test Channel = Mid FCC

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7212.425	48.65	-43.58	35.79	-54.39	-40.00	14.39	Horizontal
2	8088.725	41.03	-41.43	36.76	-58.90	-40.00	18.90	Horizontal
3	9423.3	40.35	-39.93	37.10	-57.74	-40.00	17.74	Horizontal
4	10818.825	44.91	-38.35	38.61	-50.09	-40.00	10.09	Horizontal
5	13786.975	35.11	-36.22	40.52	-55.85	-40.00	15.85	Horizontal
6	16518.225	33.13	-34.32	40.81	-55.65	-40.00	15.65	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7212.425	53.87	-43.58	35.79	-49.17	-40.00	9.17	Vertical
2	8365.875	41.36	-41.54	36.62	-58.82	-40.00	18.82	Vertical
3	9311.175	39.03	-40.05	36.89	-59.39	-40.00	19.39	Vertical
4	10818.825	49.21	-38.35	38.61	-45.79	-40.00	5.79	Vertical
5	12302.9	36.00	-36.65	38.89	-57.02	-40.00	17.02	Vertical
6	14947.325	33.72	-34.79	41.28	-55.06	-40.00	15.06	Vertical



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Report No.: SUCR240400008901

Rev.: 01

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Test Band = LTE Band48CA_ TM1

Test Channel = High FCC

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7322.25	48.31	-43.21	36.10	-54.06	-40.00	14.06	Horizontal
2	8147.375	40.89	-41.72	36.73	-59.37	-40.00	19.37	Horizontal
3	9379.025	39.60	-39.95	37.02	-58.59	-40.00	18.59	Horizontal
4	10983.85	41.15	-37.63	38.69	-53.04	-40.00	13.04	Horizontal
5	13363.775	35.70	-36.41	39.75	-56.22	-40.00	16.22	Horizontal
6	14989.3	34.01	-34.50	41.30	-54.45	-40.00	14.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7322.825	51.48	-43.21	36.10	-50.88	-40.00	10.88	Vertical
2	8048.475	41.50	-41.75	36.78	-58.73	-40.00	18.73	Vertical
3	9216.3	38.93	-39.97	36.71	-59.59	-40.00	19.59	Vertical
4	10983.85	40.00	-37.63	38.69	-54.19	-40.00	14.19	Vertical
5	12107.4	36.14	-37.18	38.83	-57.47	-40.00	17.47	Vertical
6	14348.75	34.58	-35.48	41.04	-55.12	-40.00	15.12	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) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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