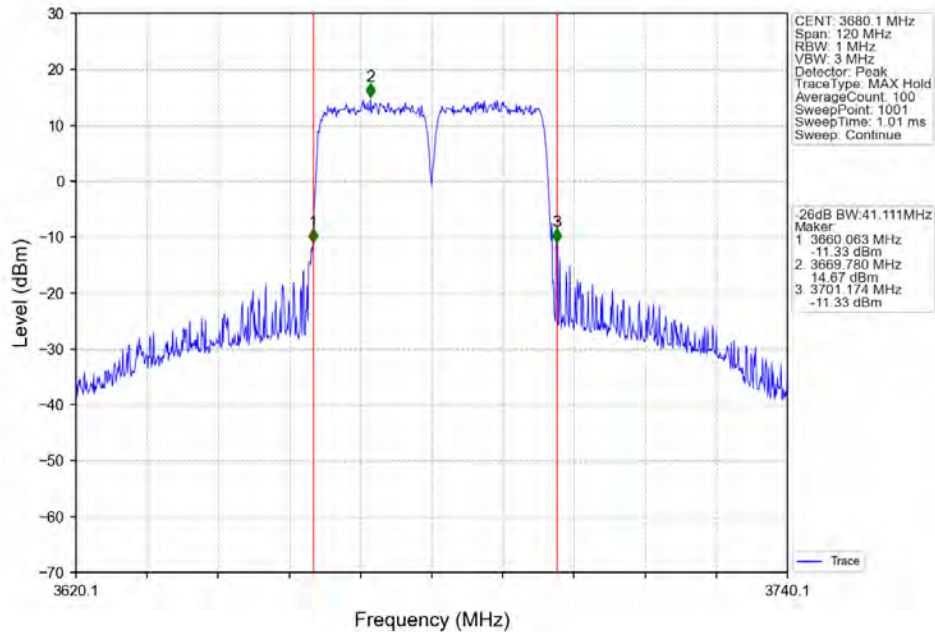


Report No.: SUCR240100001701

Rev.: 01

Page: 134 of 337



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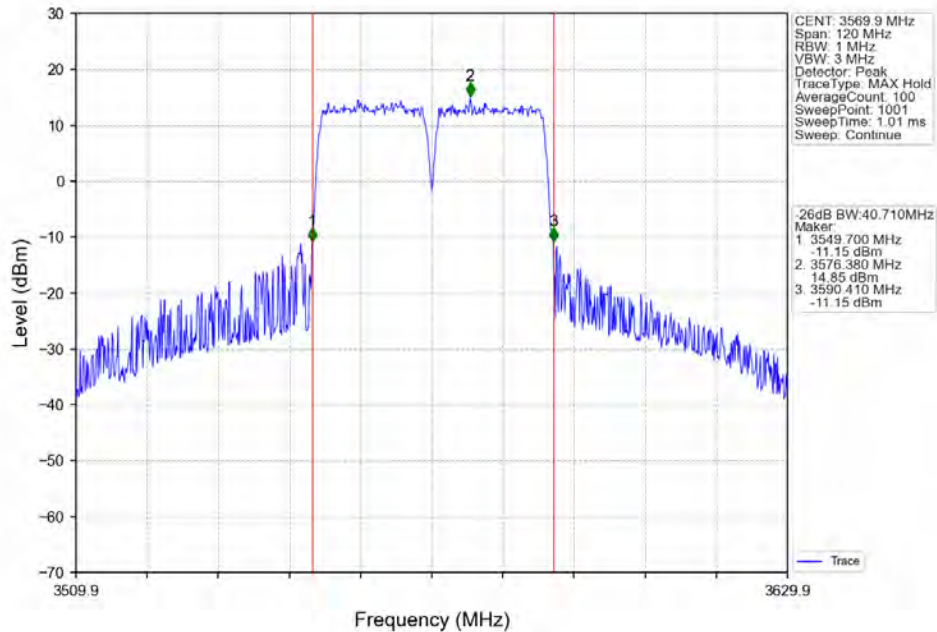
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Report No.: SUCR240100001701

Rev.: 01

Page: 135 of 337



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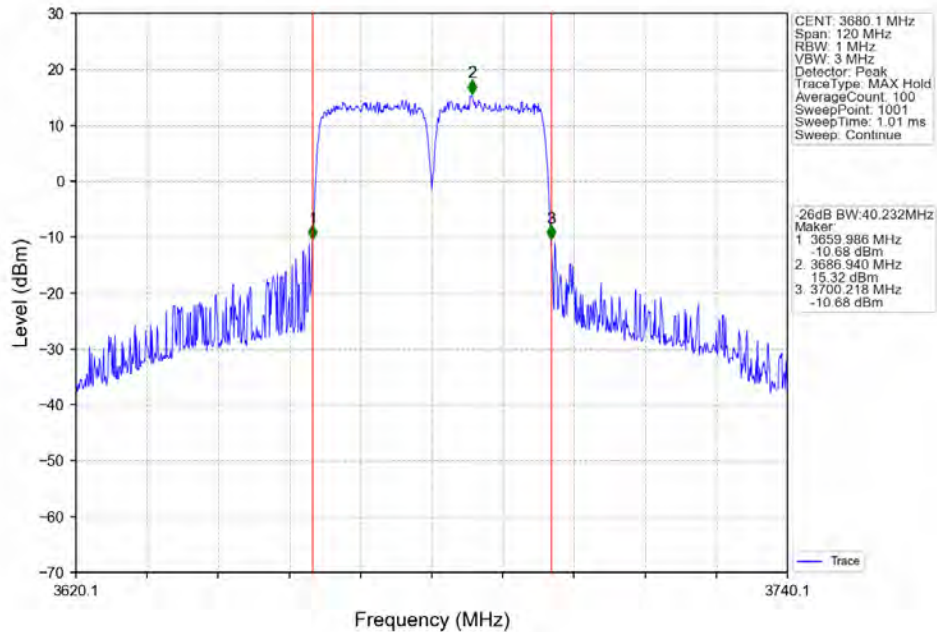
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Report No.: SUCR240100001701

Rev.: 01

Page: 136 of 337



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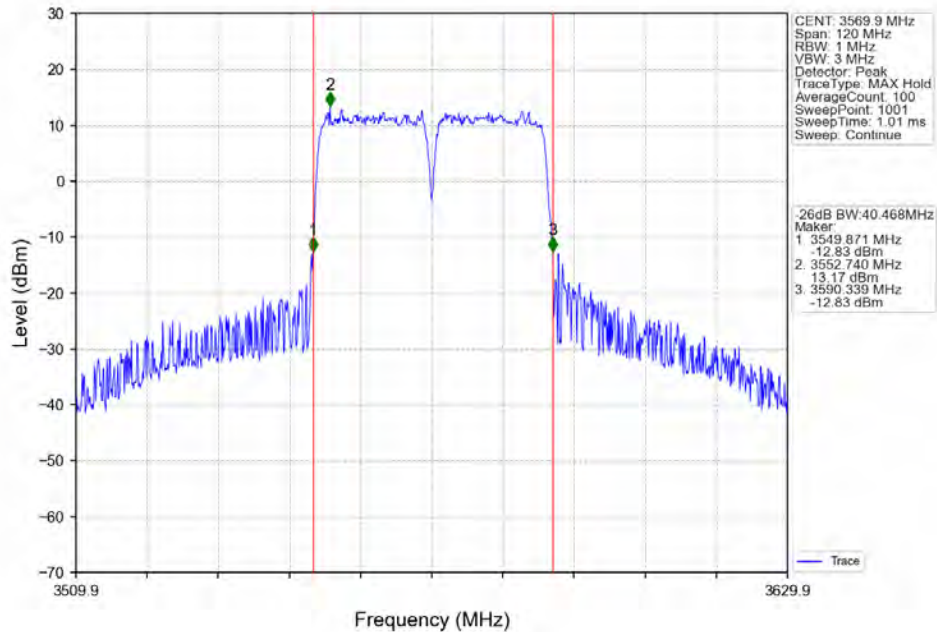
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Rev.: 01

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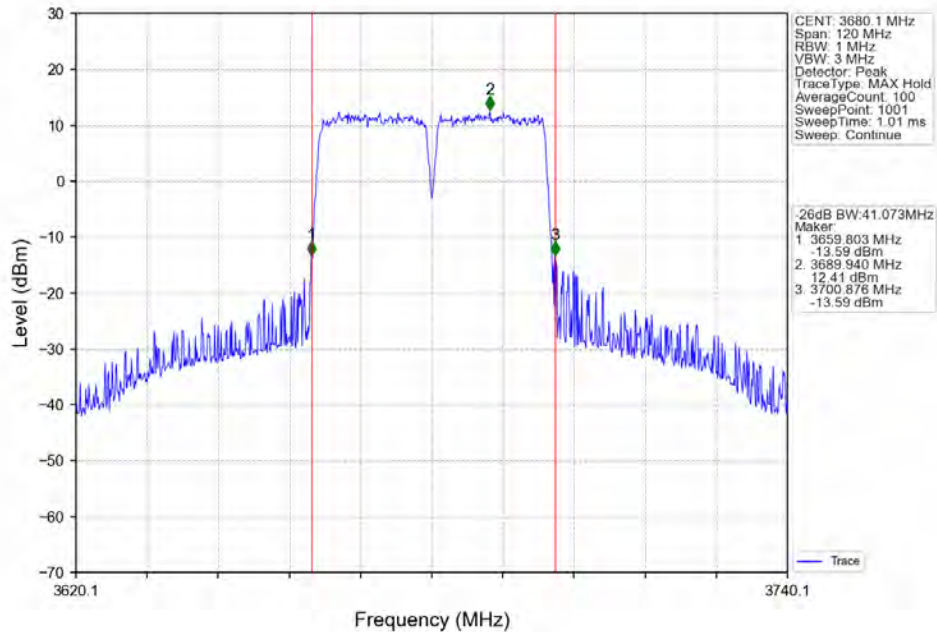
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3. Spurious Emission & Band Edge

3.1 CA_48C_NTNV

3.1.1 Test Result

Band: CA_48C / NTN								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				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: 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
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:3555 CC2:3569.4	CC1: 1@0 CC2: 1@0	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: 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 CC2:5	CC1: QPSK CC2: QPSK	CC1:3560 CC2:3571.7	CC1: 1@0 CC2: 1@0	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	CC1:	CC1:3560	CC1: 1@0	Refer To Test Graph				Pass



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CC2:10	QPSK CC2: QPSK	CC2:3574.4	CC2: 1@0		
			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: 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: 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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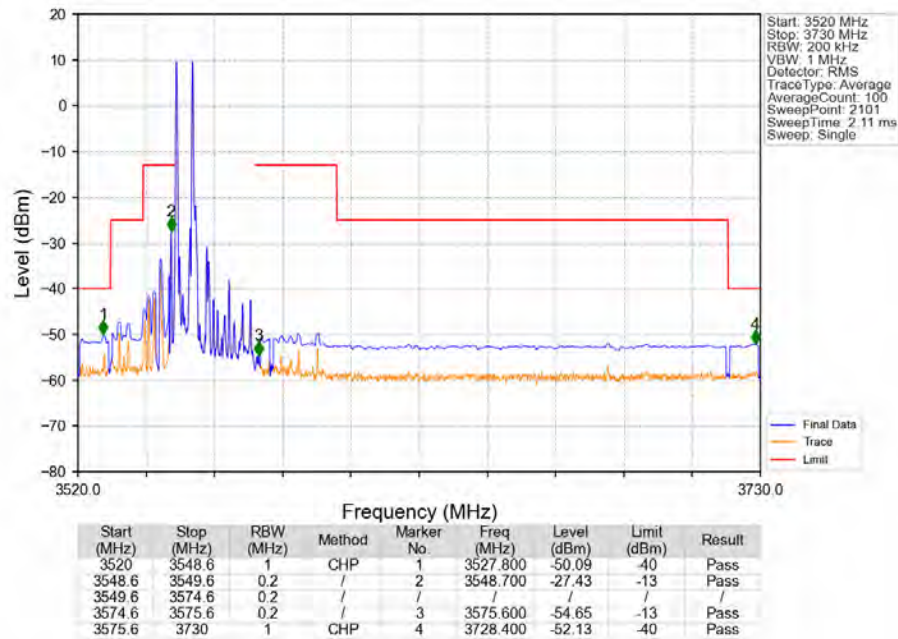
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Page: 141 of 337

3.1.2 Test Graph



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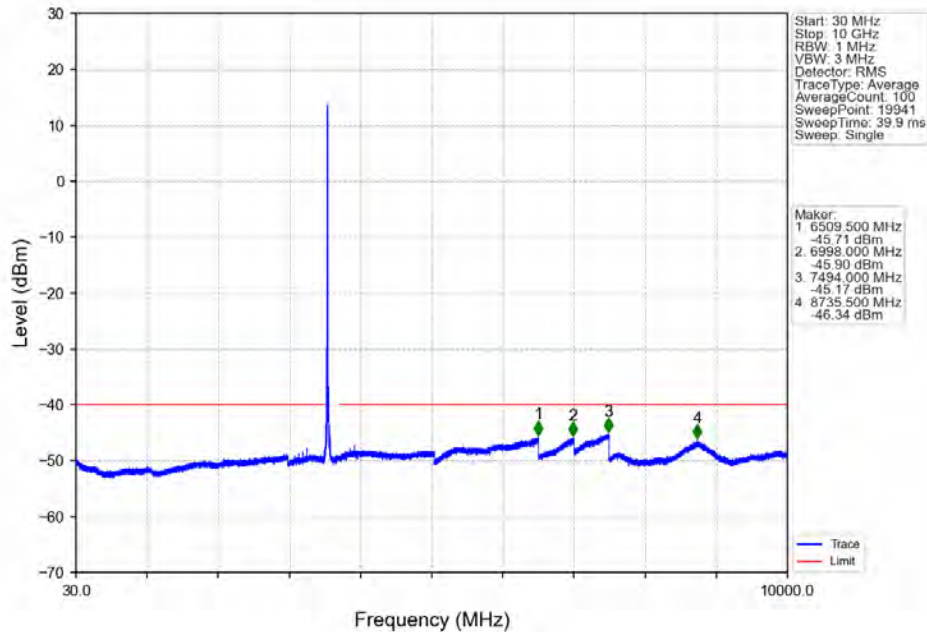
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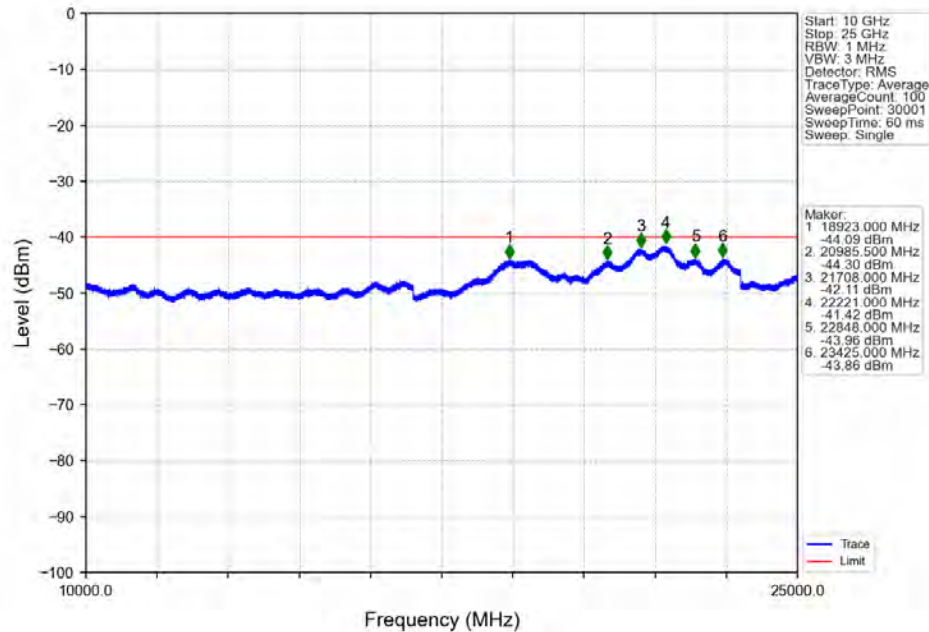
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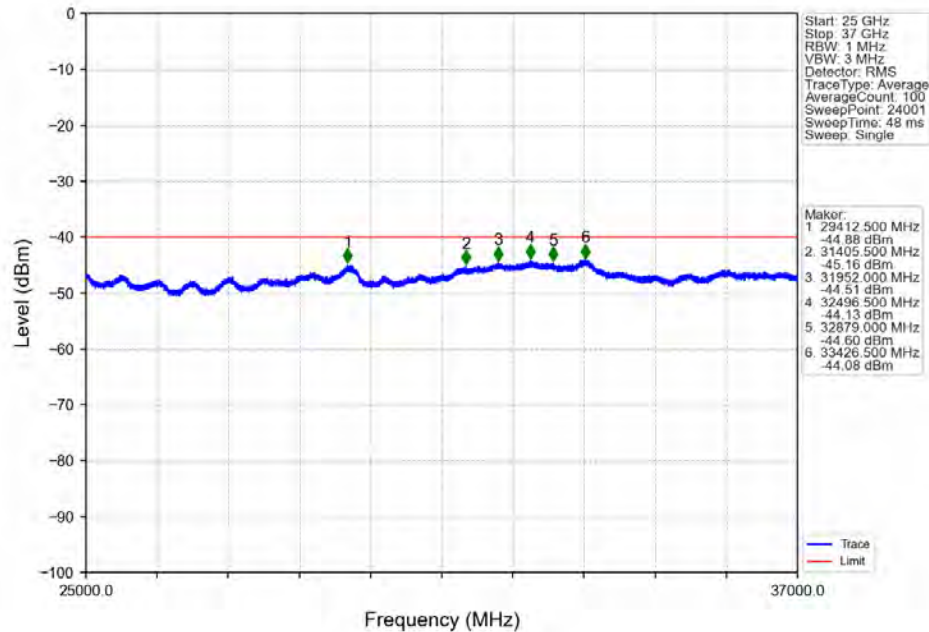
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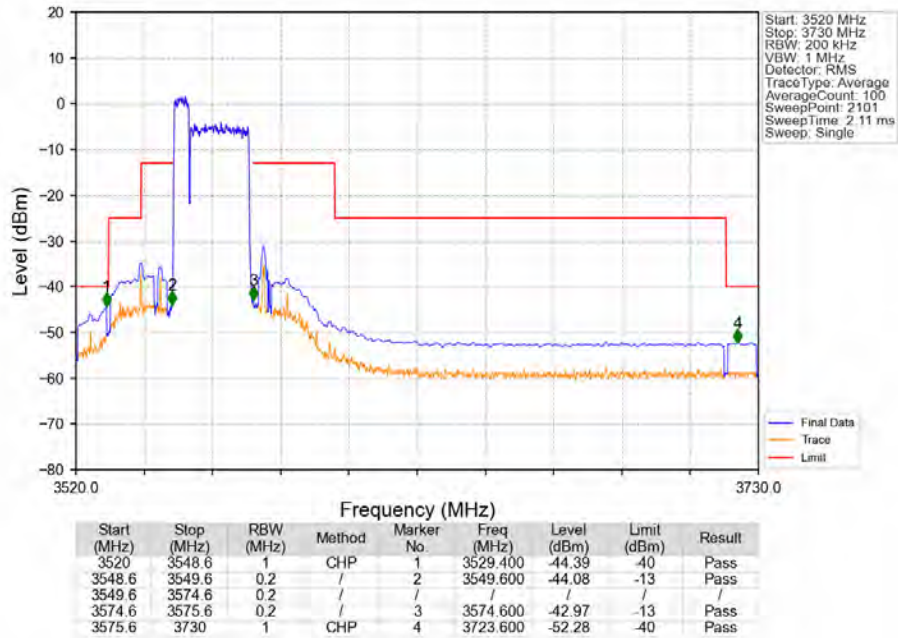
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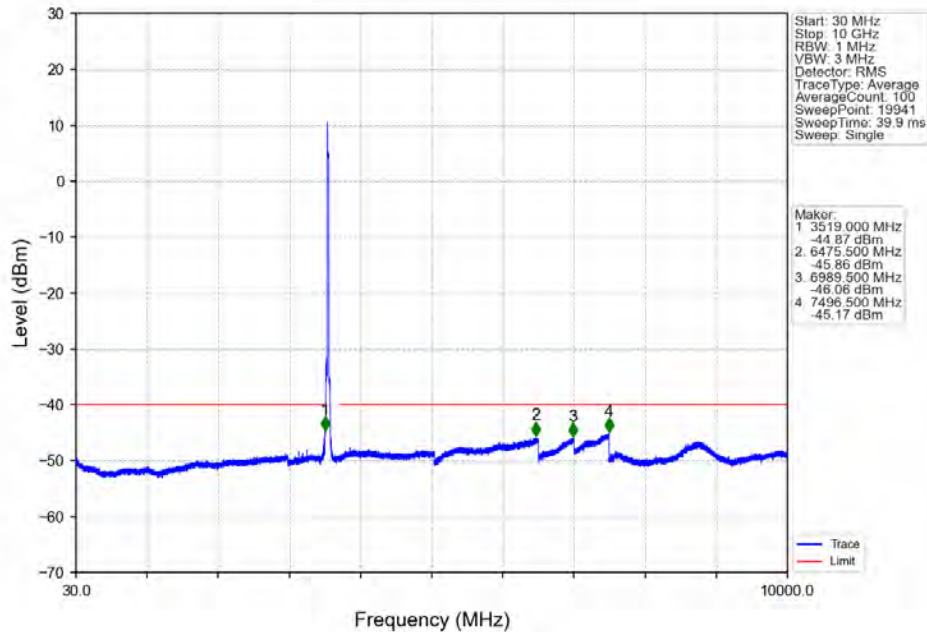
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Report No.: SUCR240100001701

Rev.: 01

Page: 146 of 337



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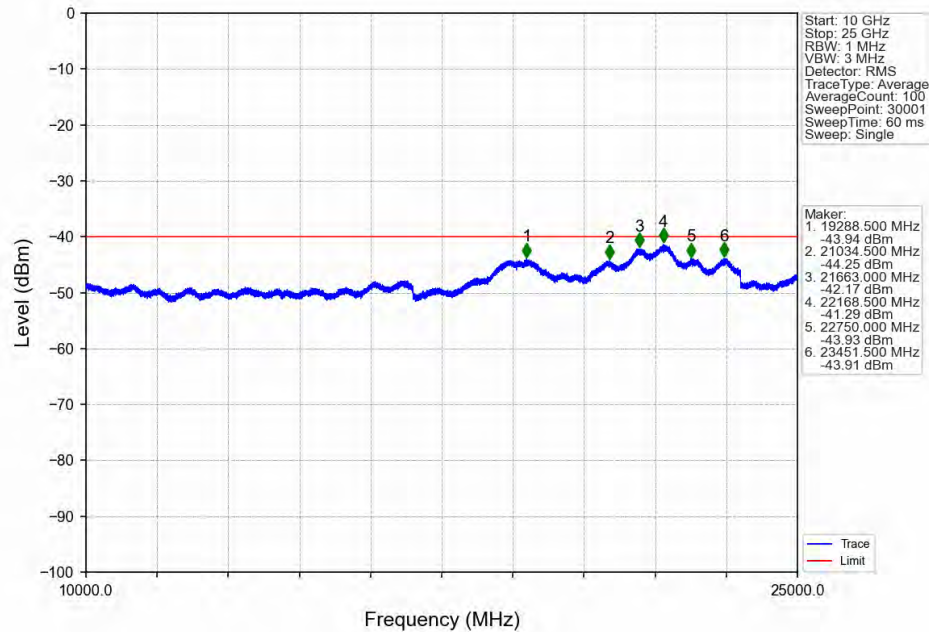
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Report No.: SUCR240100001701

Rev.: 01

Page: 147 of 337



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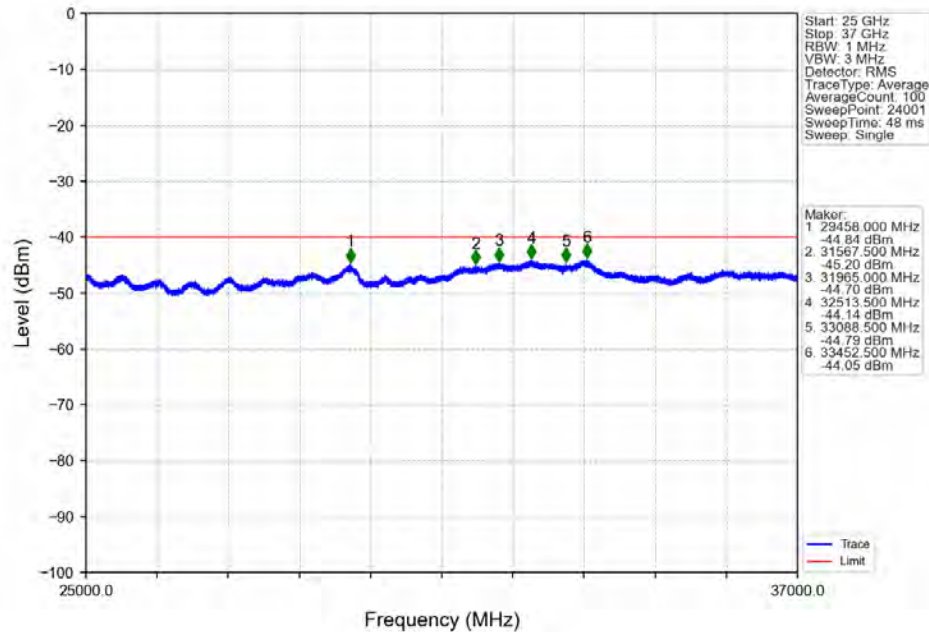
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Rev.: 01

Page: 148 of 337



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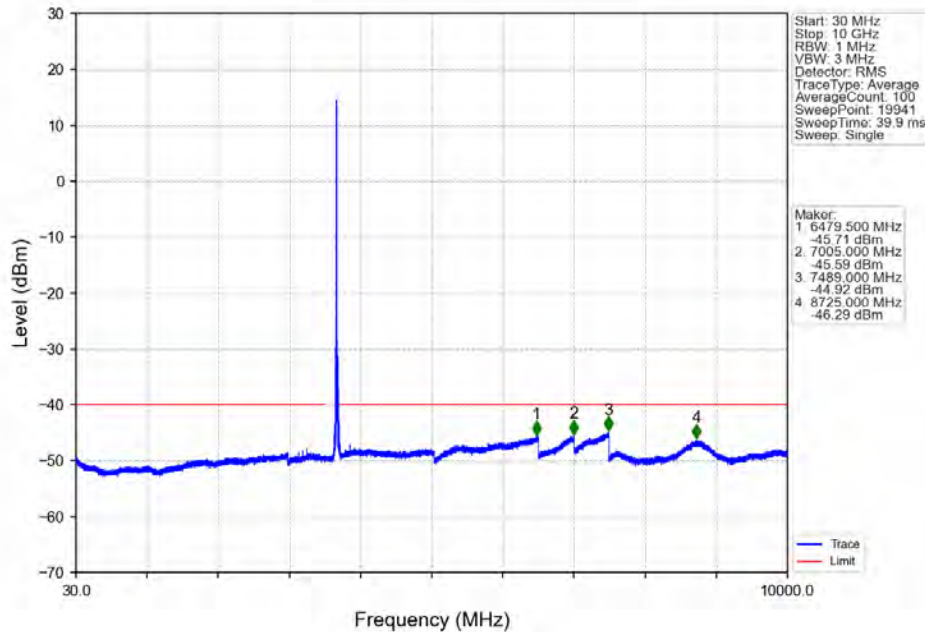
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Report No.: SUCR240100001701

Rev.: 01

Page: 149 of 337



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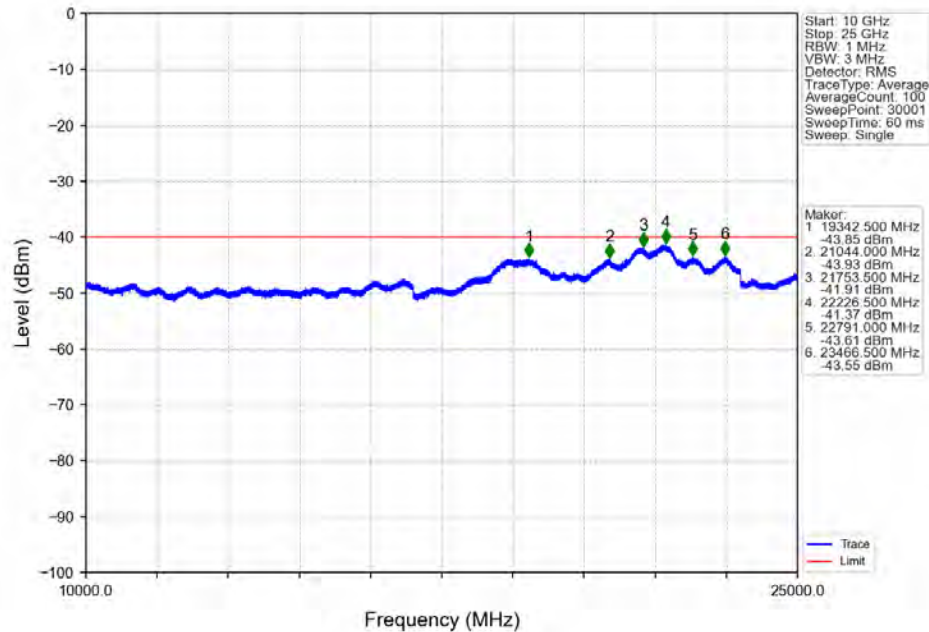
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Report No.: SUCR240100001701

Rev.: 01

Page: 150 of 337



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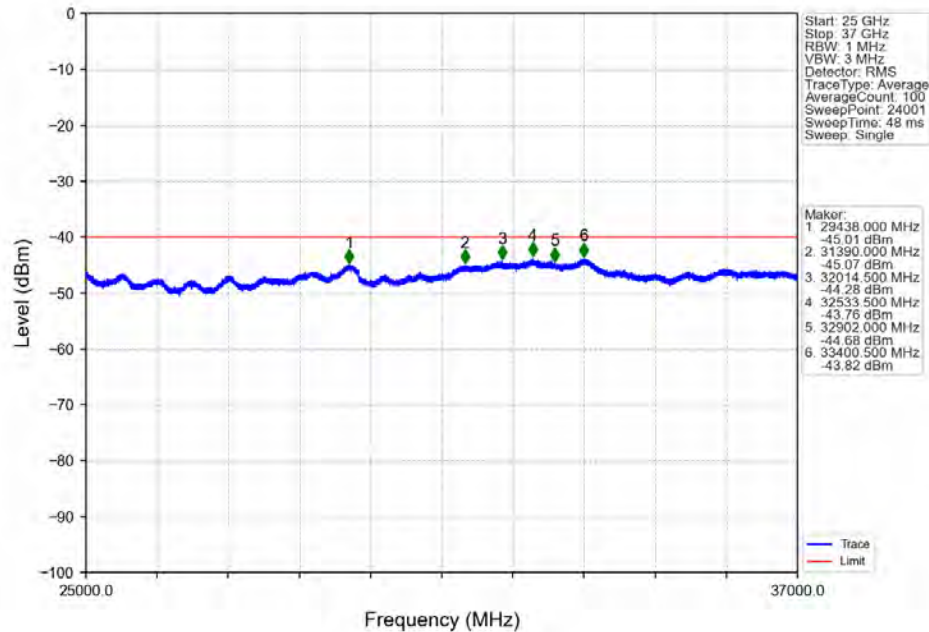
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Report No.: SUCR240100001701

Rev.: 01

Page: 151 of 337



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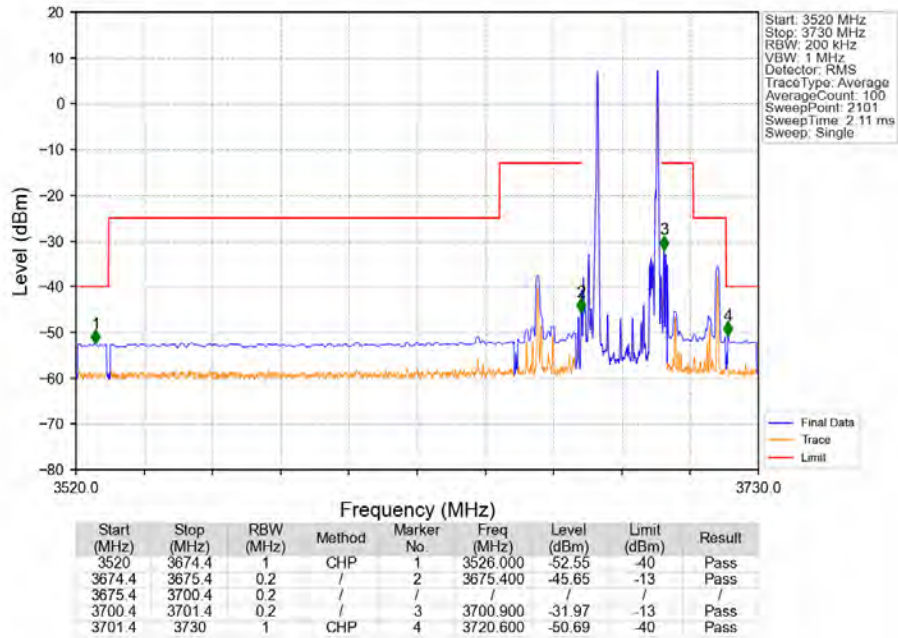
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Rev.: 01

Page: 152 of 337



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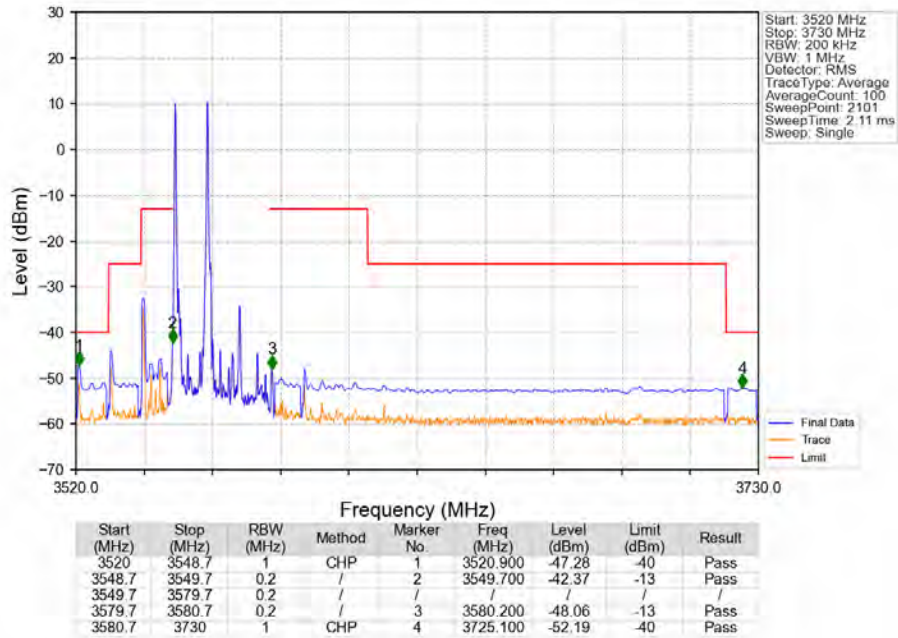
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Page: 153 of 337



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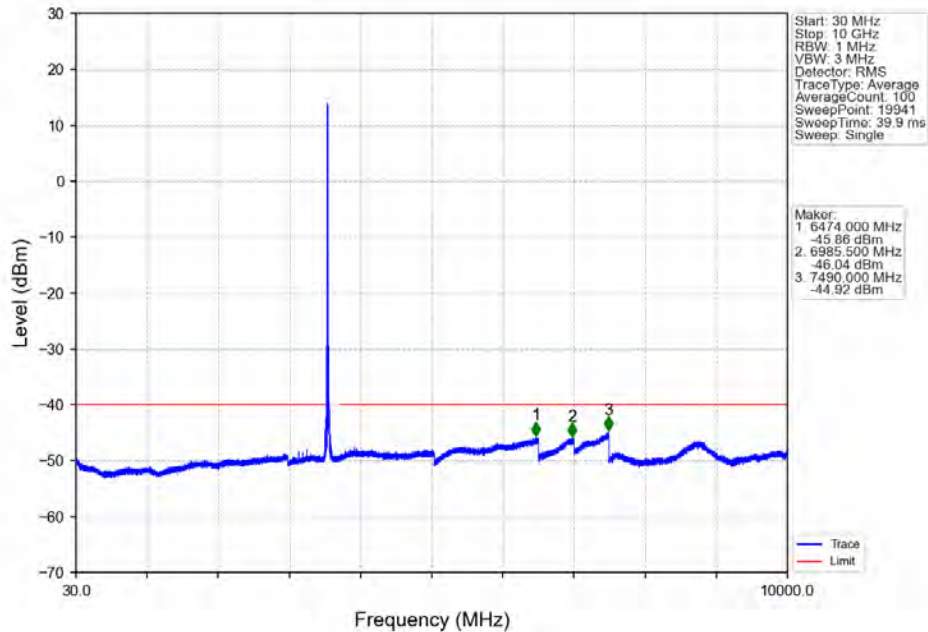
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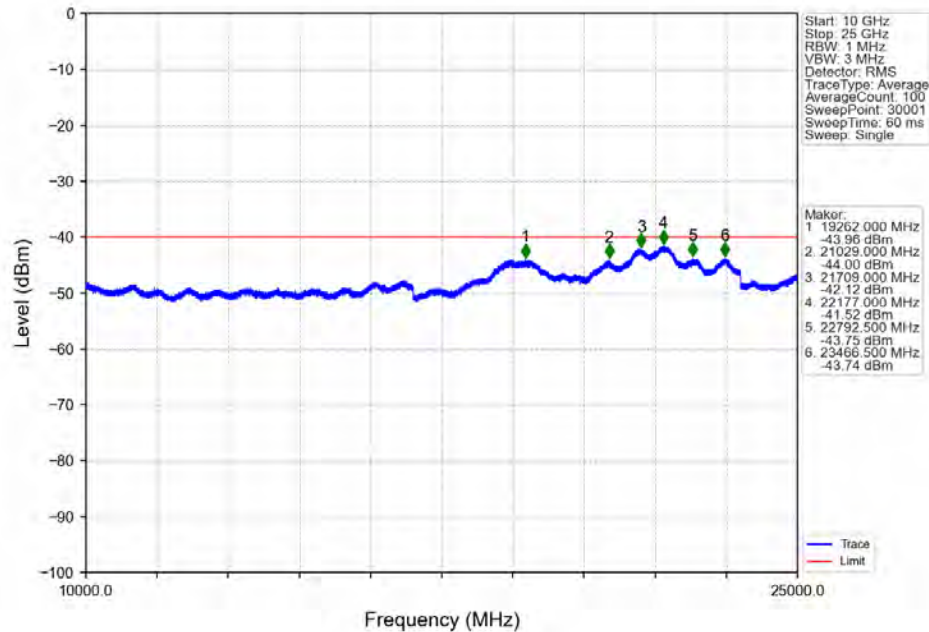
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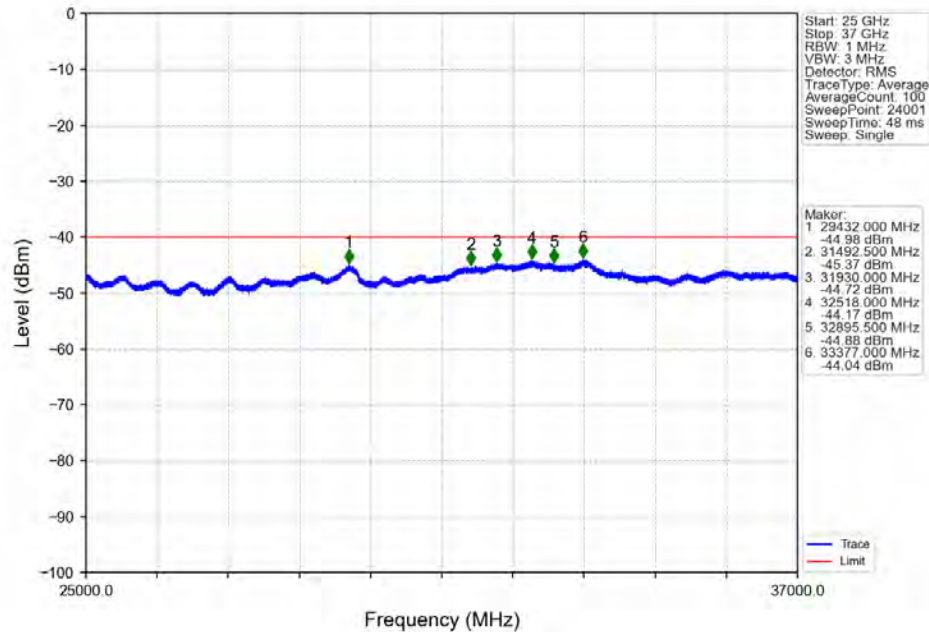
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Rev.: 01

Page: 156 of 337



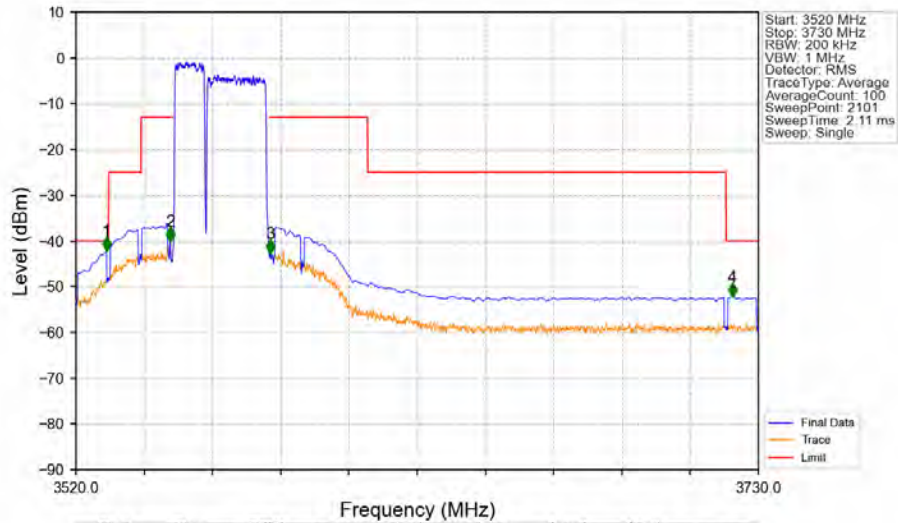
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.7	1	CHP	1	3529.400	-42.24	-40	Pass
3548.7	3549.7	0.2	/	2	3549.000	-40.13	-13	Pass
3549.7	3579.7	0.2	/	/	/	/	/	/
3579.7	3580.7	0.2	/	3	3579.800	-42.80	-13	Pass
3580.7	3730	1	CHP	4	3722.000	-52.22	-40	Pass



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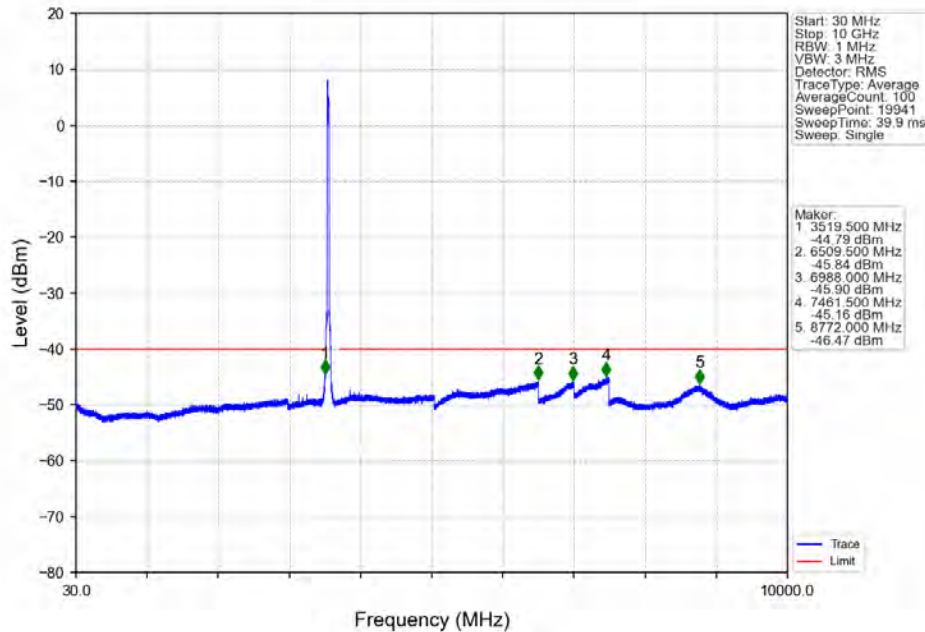
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Page: 158 of 337



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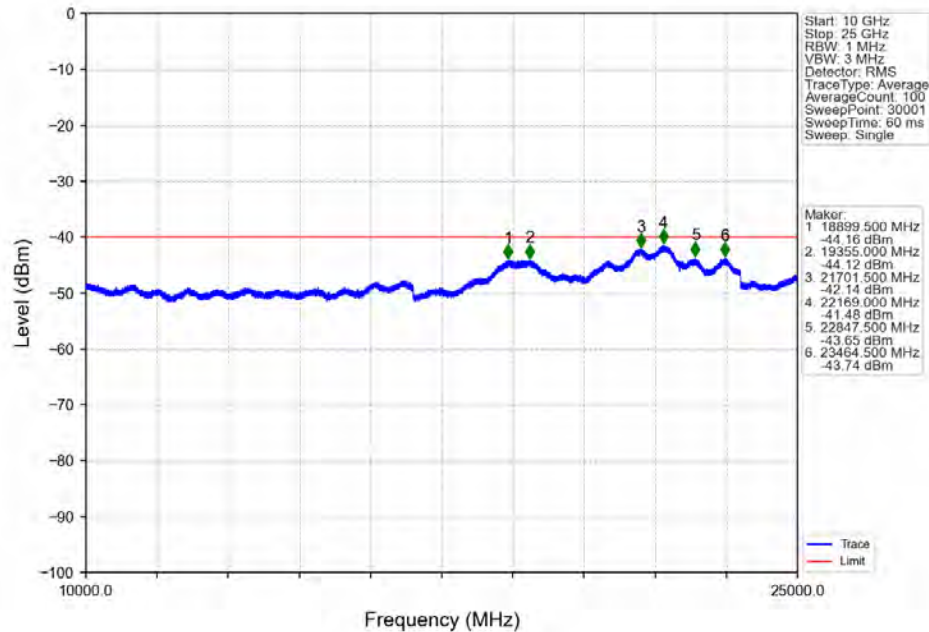
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Report No.: SUCR240100001701

Rev.: 01

Page: 159 of 337



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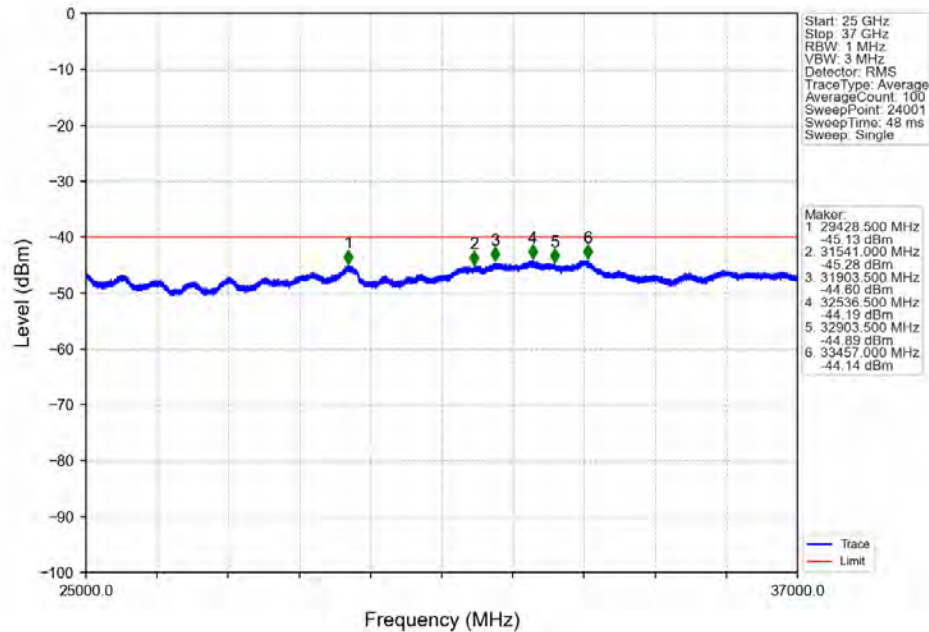
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Report No.: SUCR240100001701

Rev.: 01

Page: 160 of 337



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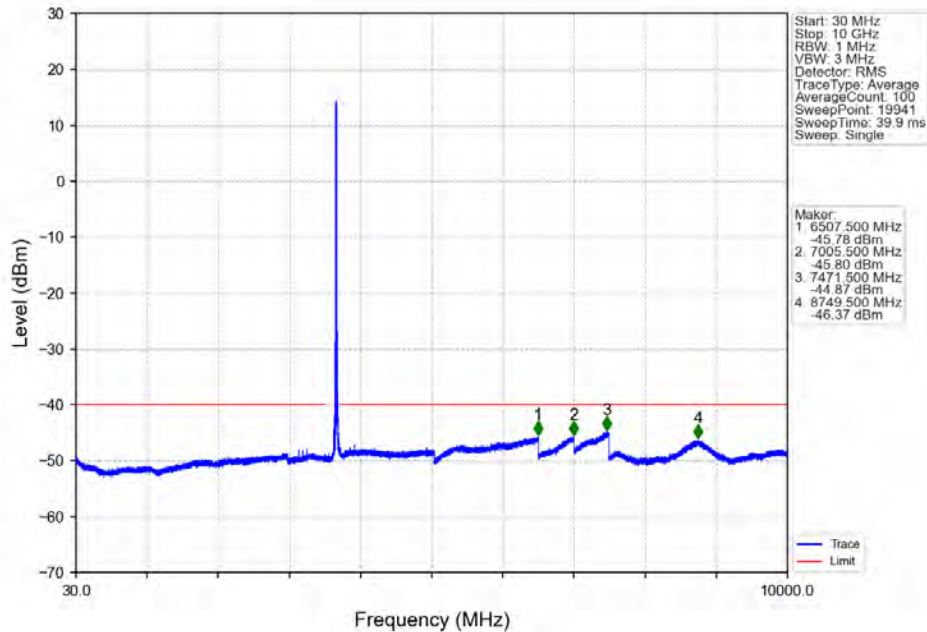
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Report No.: SUCR240100001701

Rev.: 01

Page: 161 of 337



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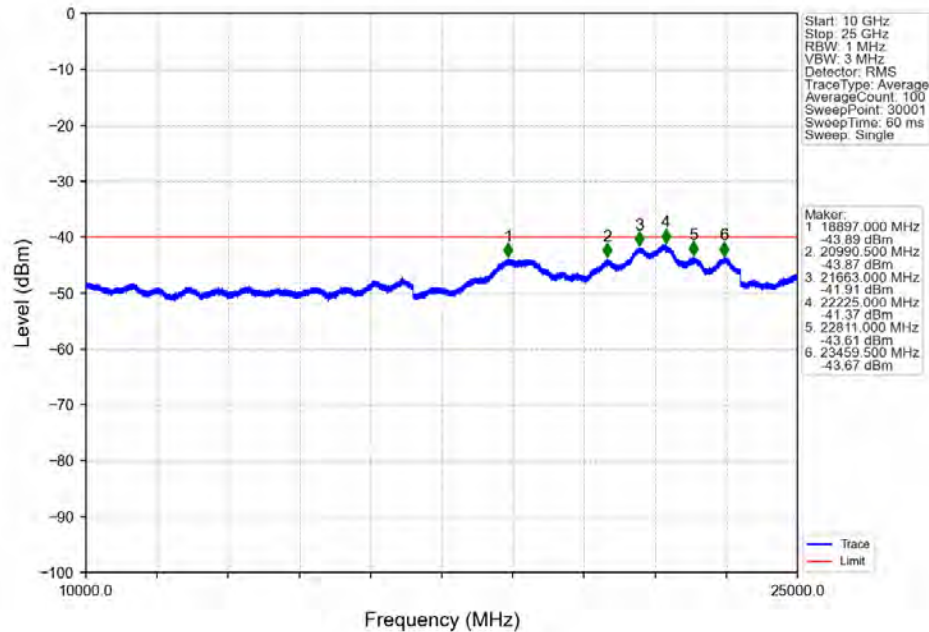
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Rev.: 01

Page: 162 of 337



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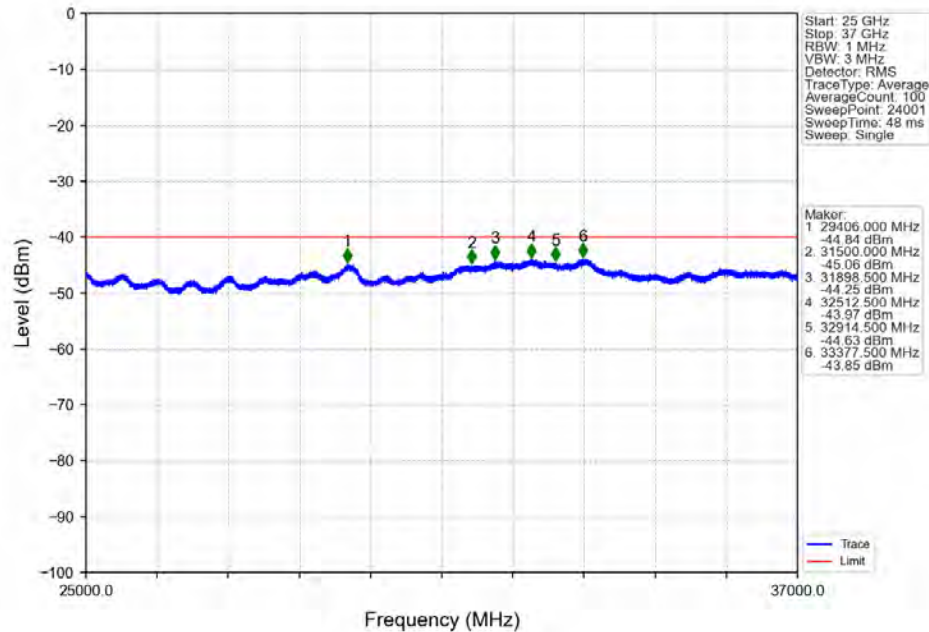
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Rev.: 01

Page: 163 of 337



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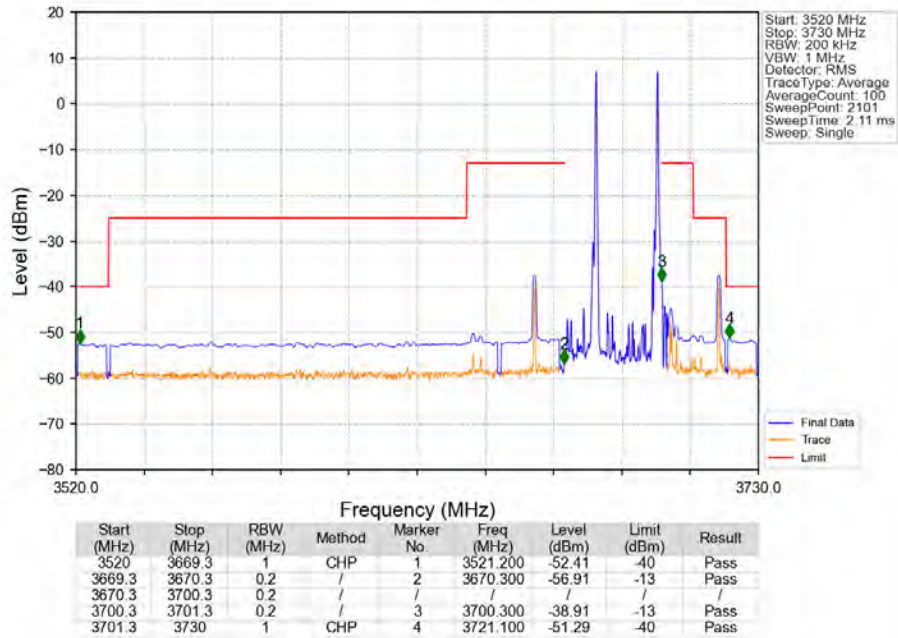
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Report No.: SUCR240100001701

Rev.: 01

Page: 164 of 337



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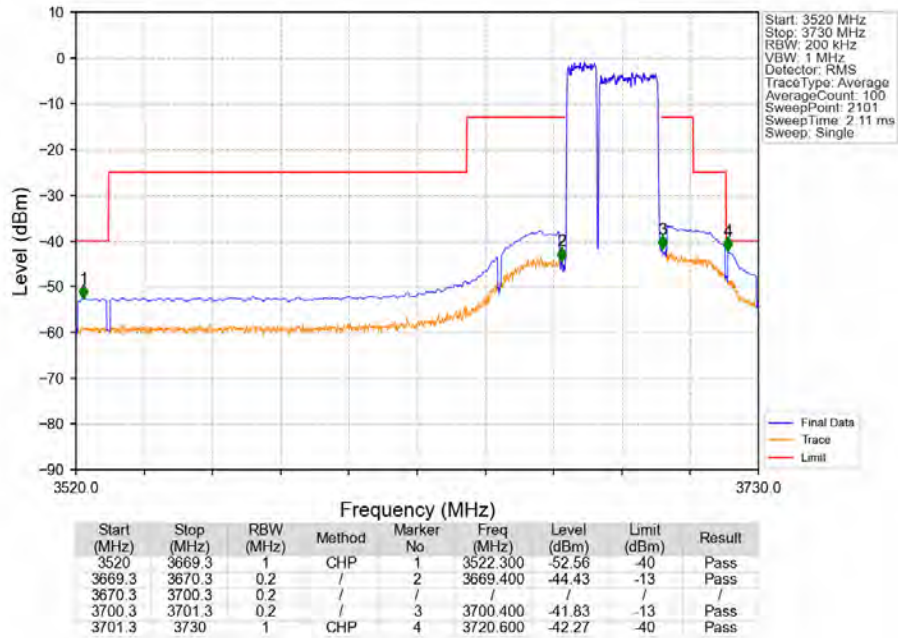
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Page: 165 of 337



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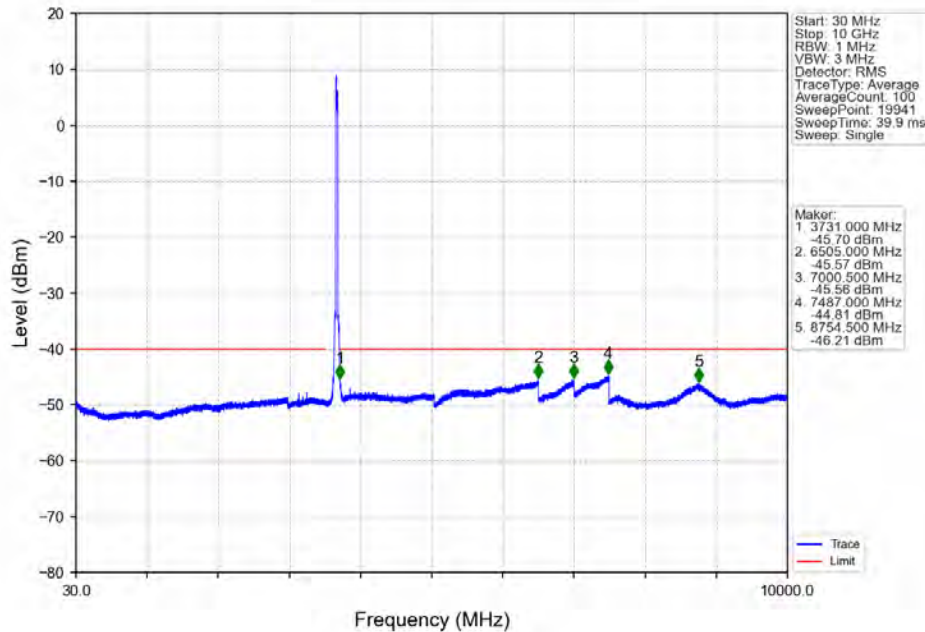
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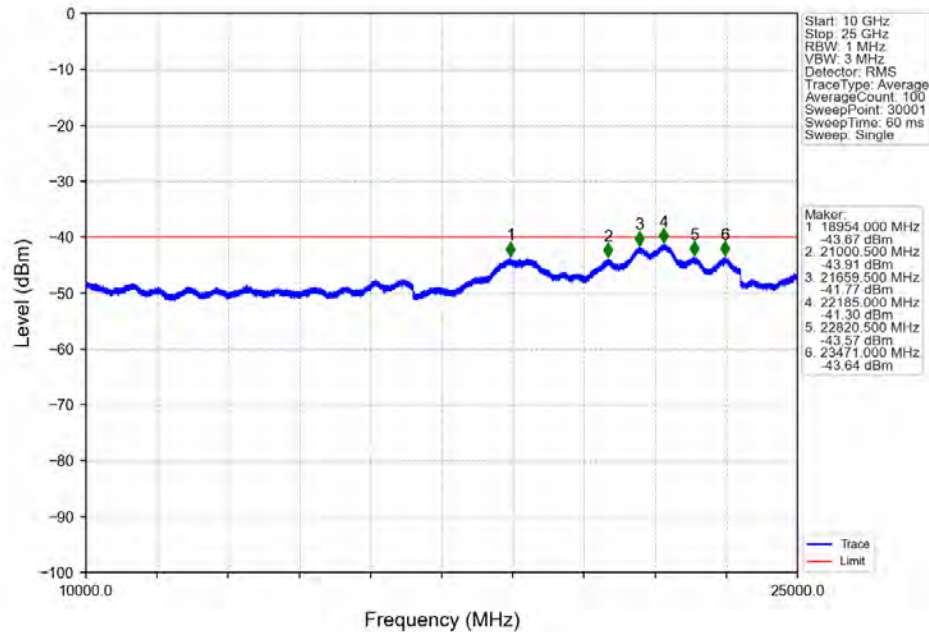
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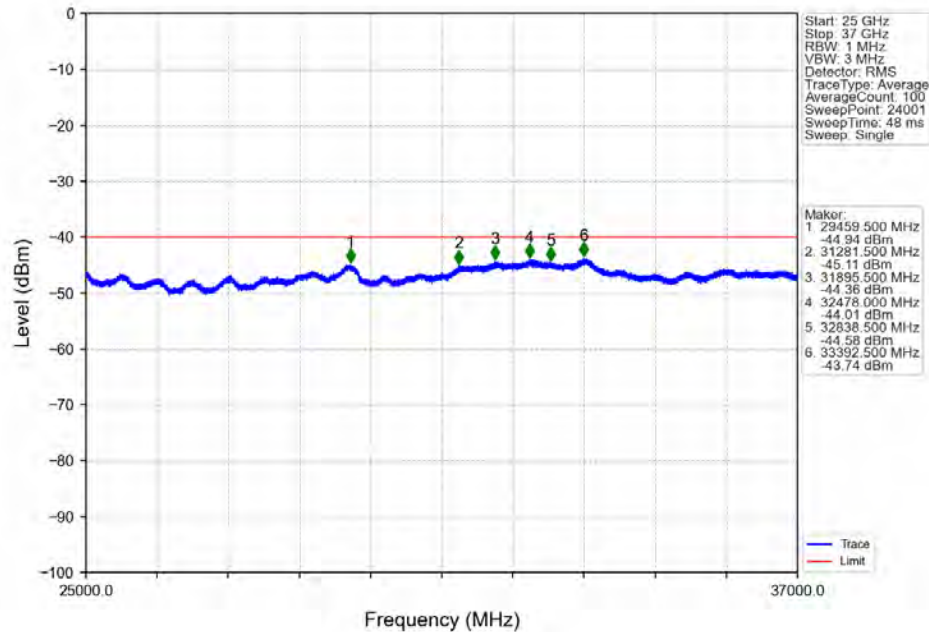
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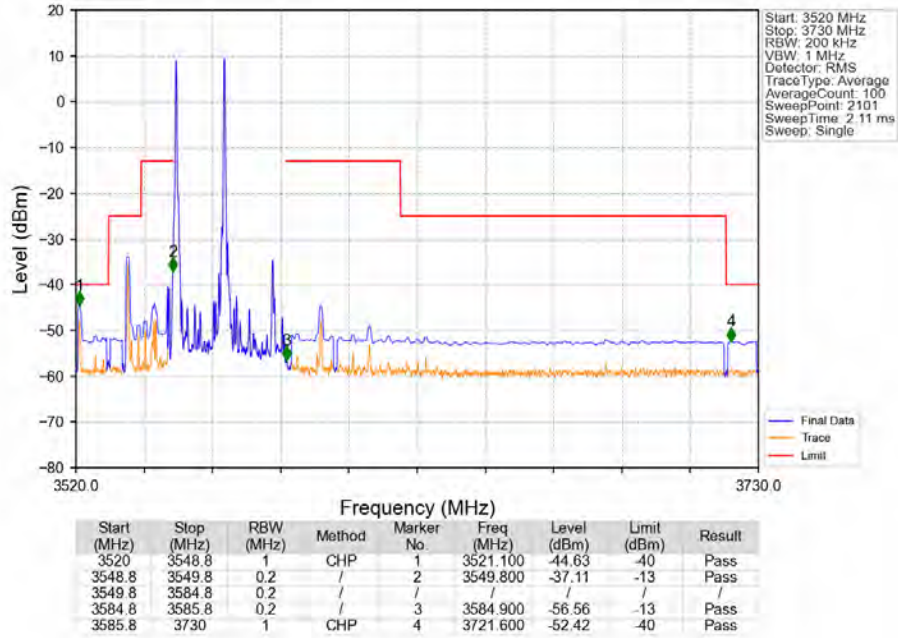
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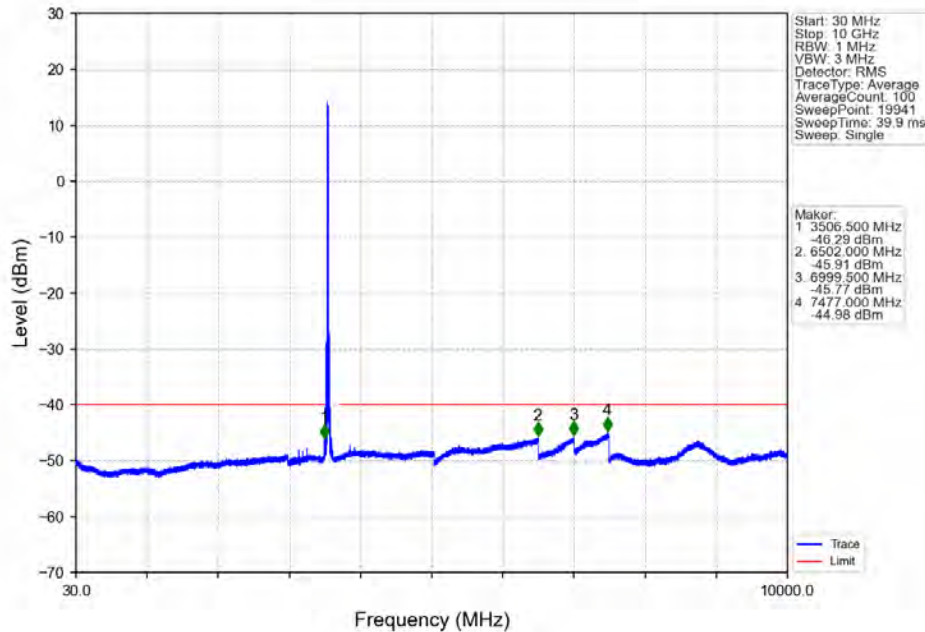
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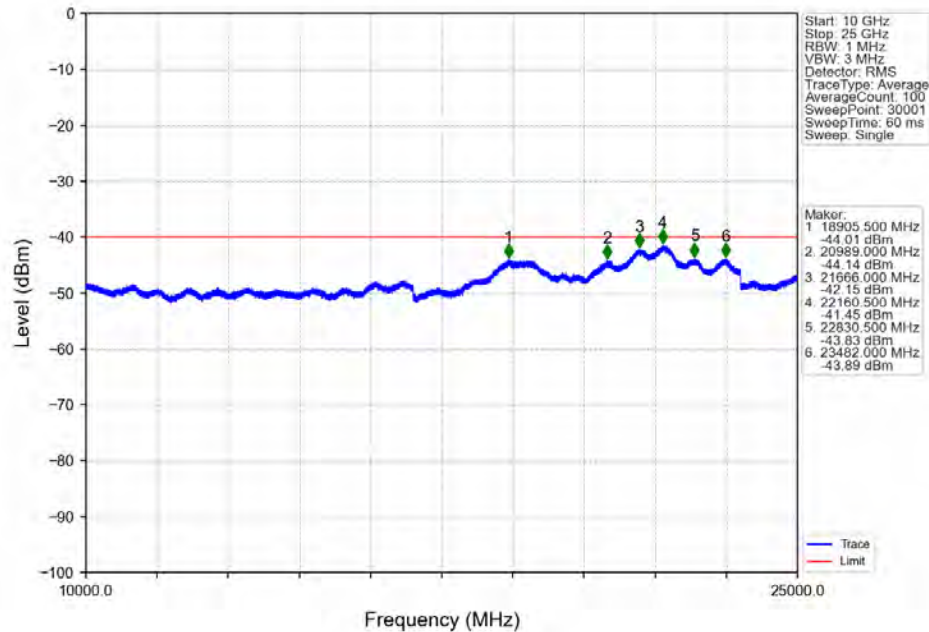
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Rev.: 01

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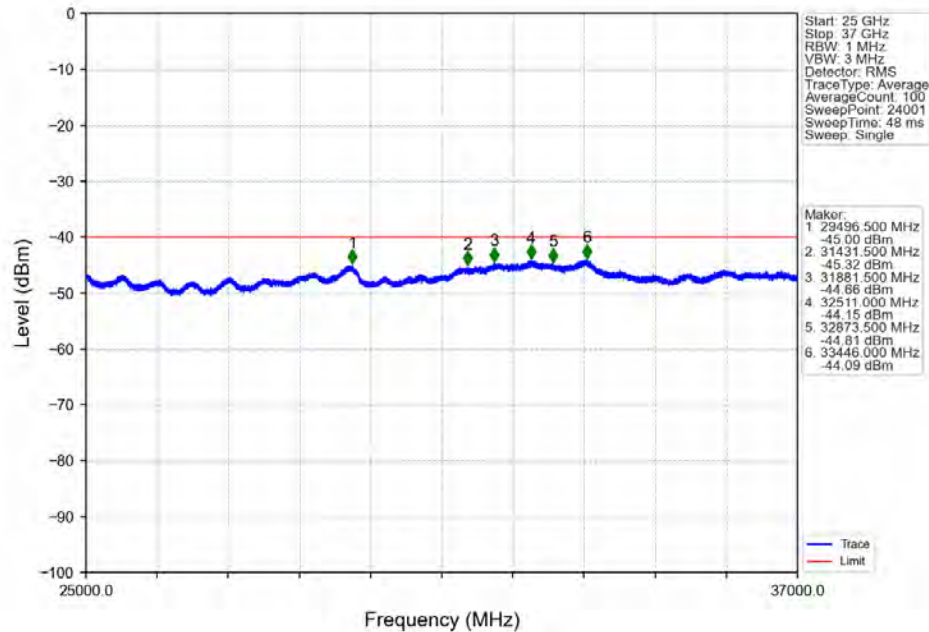
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Report No.: SUCR240100001701

Rev.: 01

Page: 172 of 337



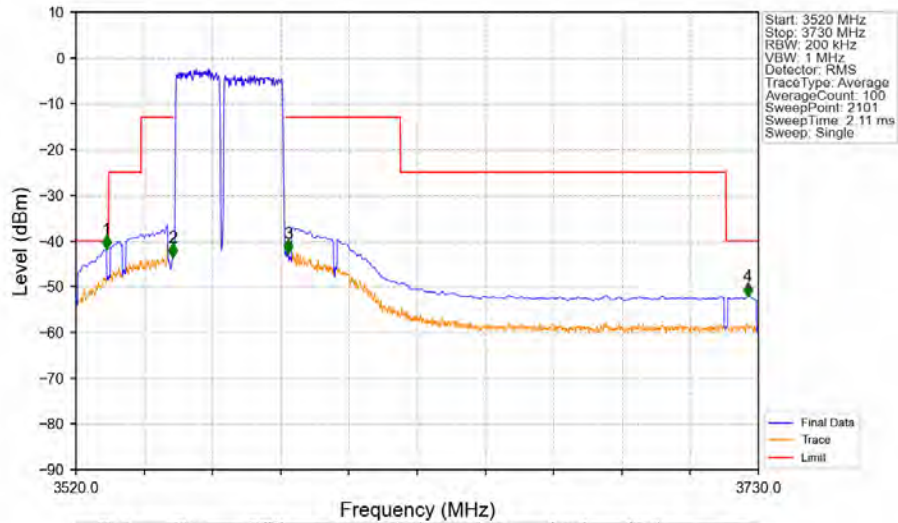
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.8	1	CHP	1	3529.400	-41.87	-40	Pass
3548.8	3549.8	0.2	/	2	3549.800	-43.66	-13	Pass
3549.8	3584.8	0.2	/	/	/	/	/	/
3584.8	3585.8	0.2	/	3	3585.300	-42.68	-13	Pass
3585.8	3730	1	CHP	4	3726.700	-52.19	-40	Pass



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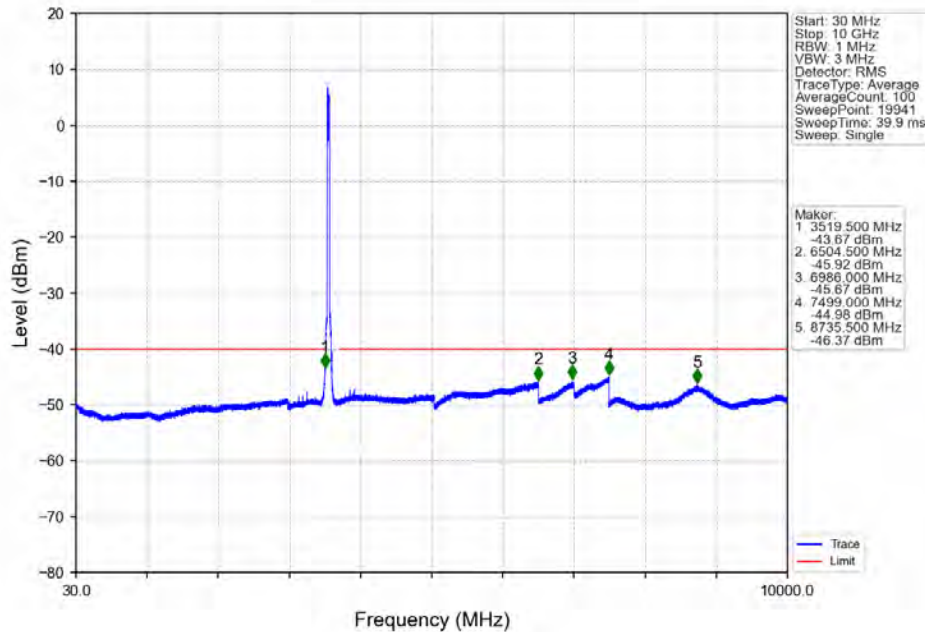
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Report No.: SUCR240100001701

Rev.: 01

Page: 174 of 337



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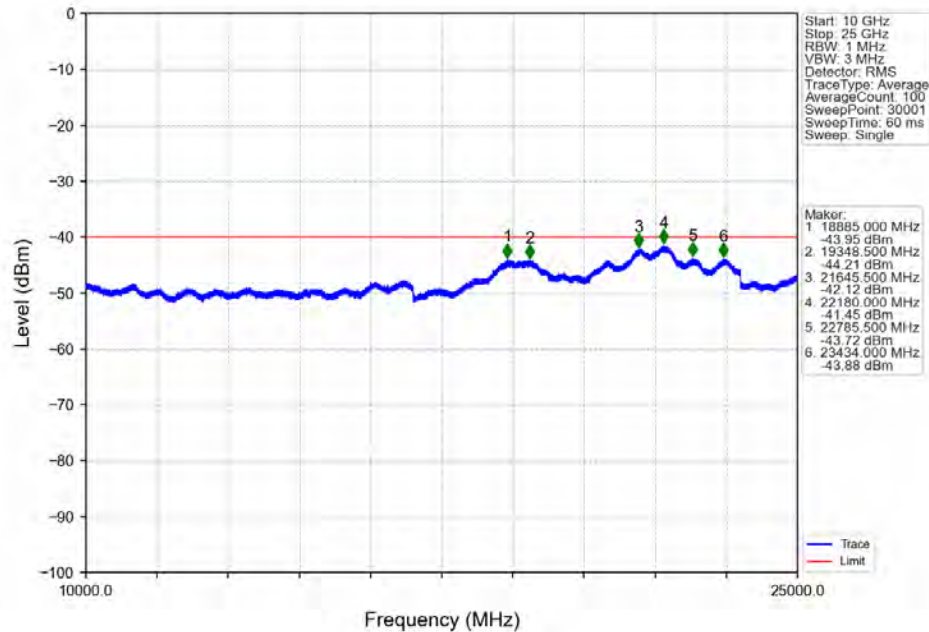
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Report No.: SUCR240100001701

Rev.: 01

Page: 175 of 337



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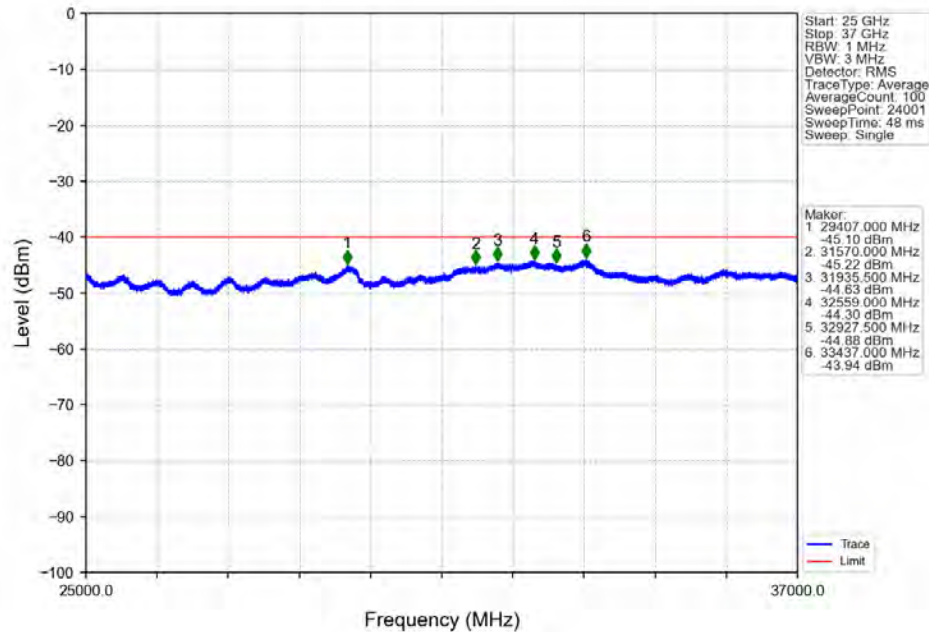
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Rev.: 01

Page: 176 of 337



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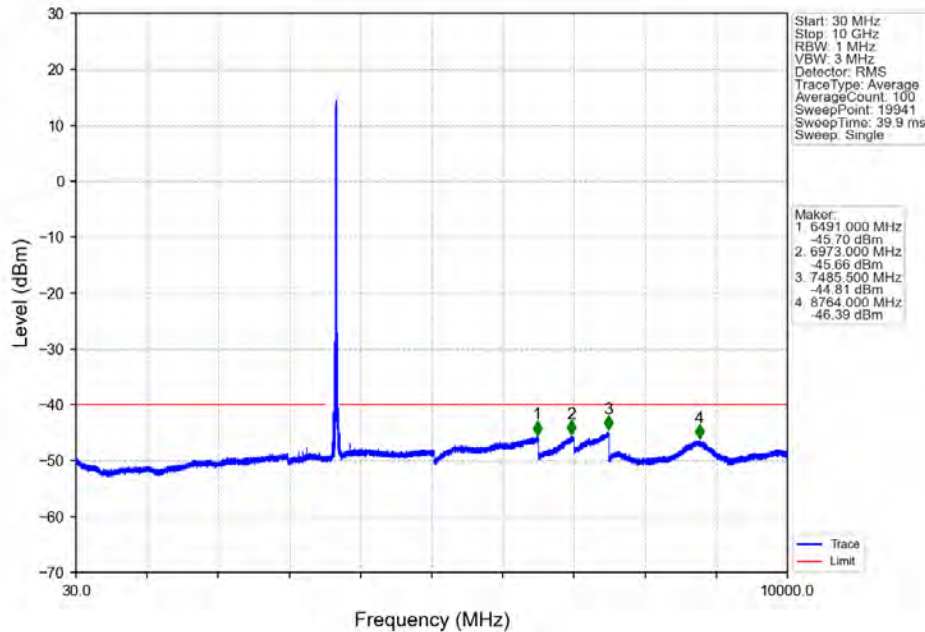
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Rev.: 01

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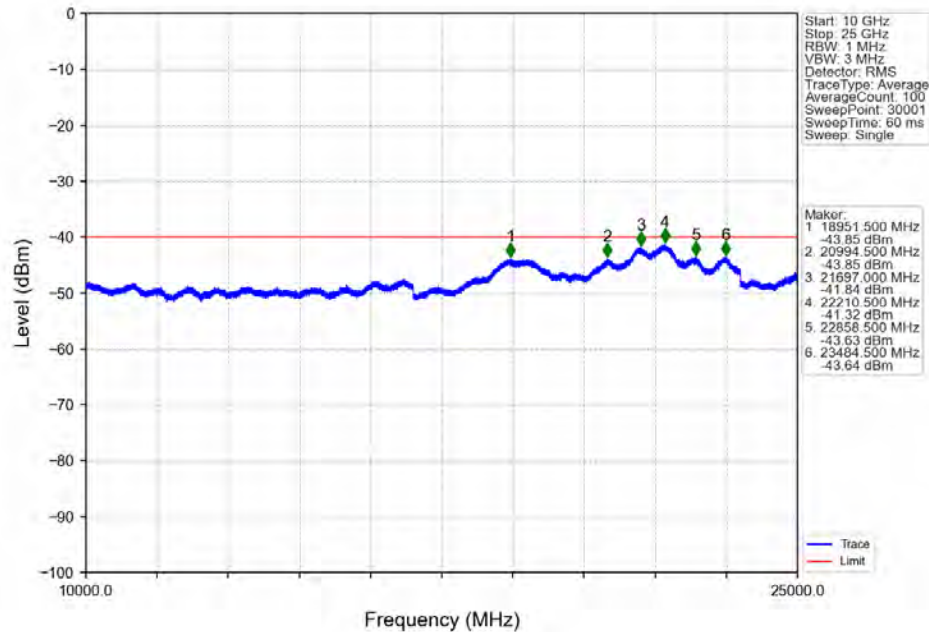
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Rev.: 01

Page: 178 of 337



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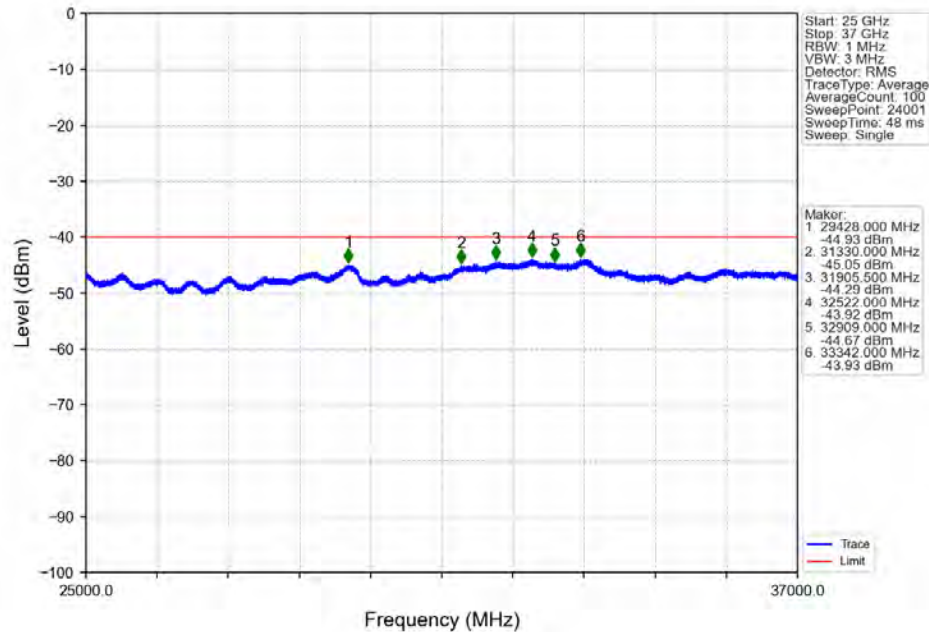
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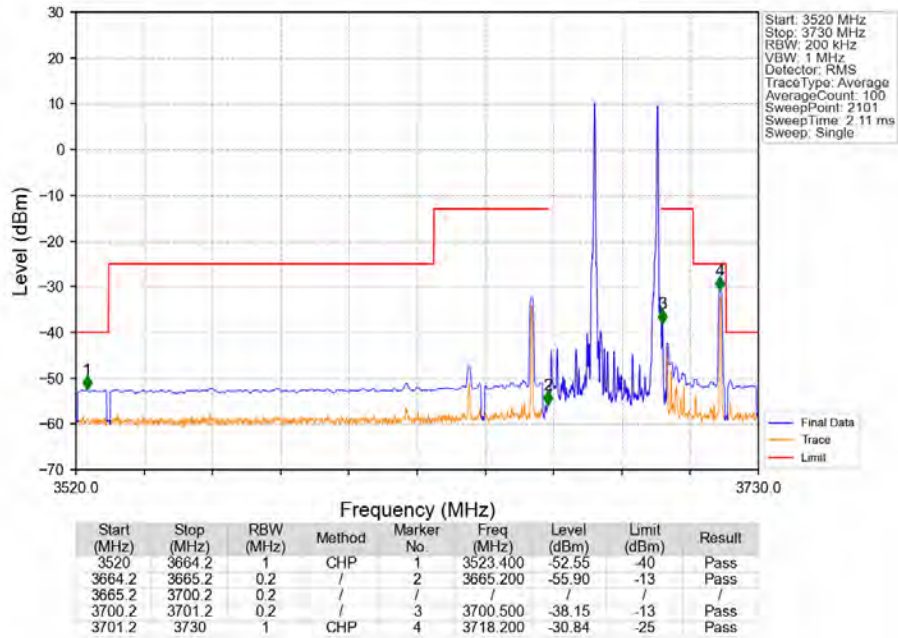
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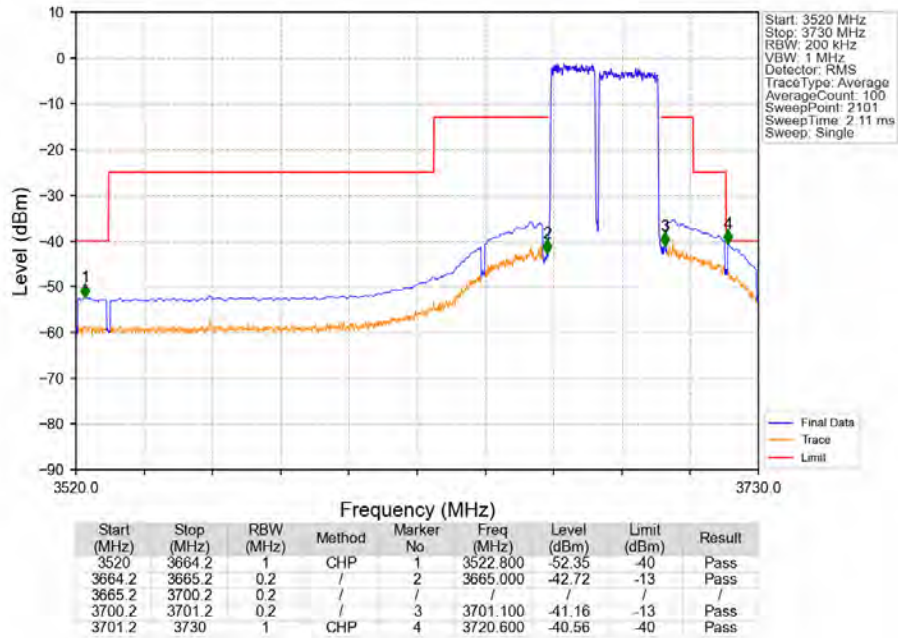
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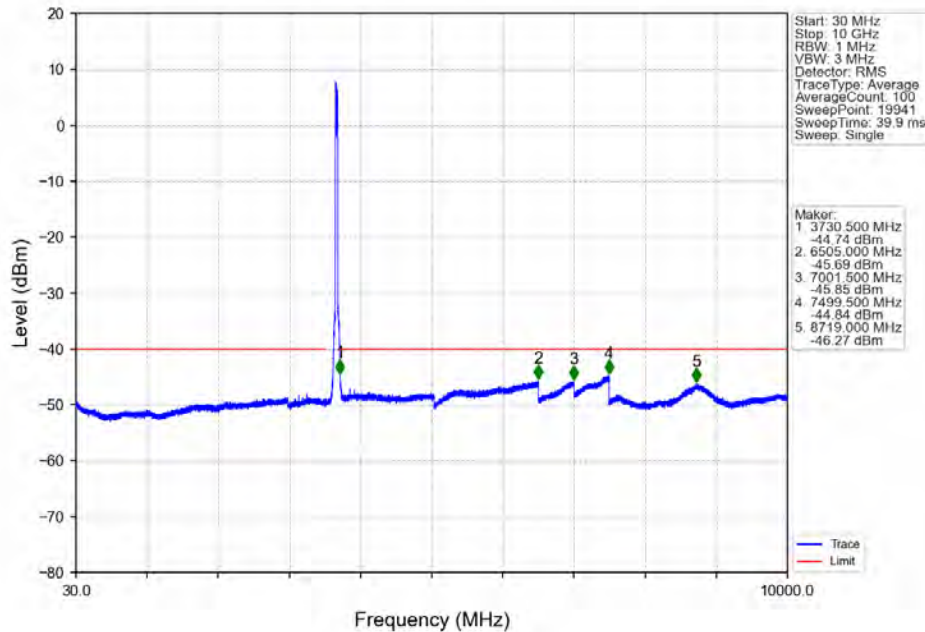
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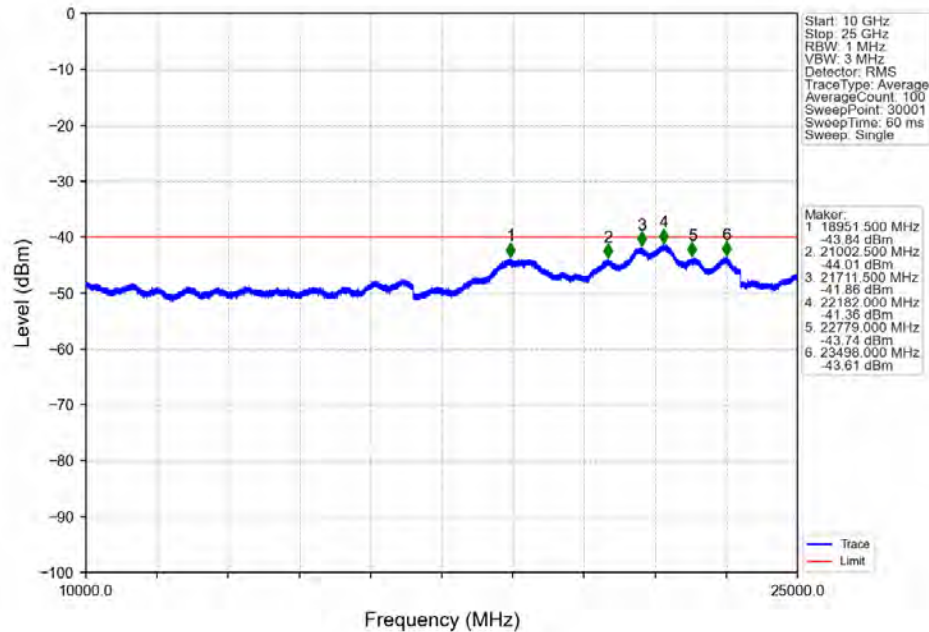
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Page: 183 of 337



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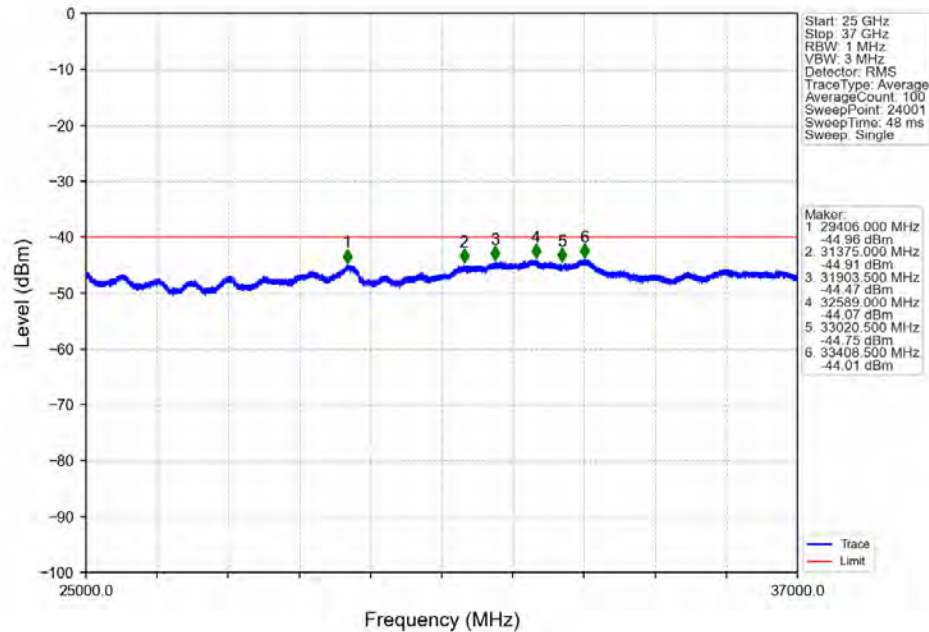
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Rev.: 01

Page: 184 of 337



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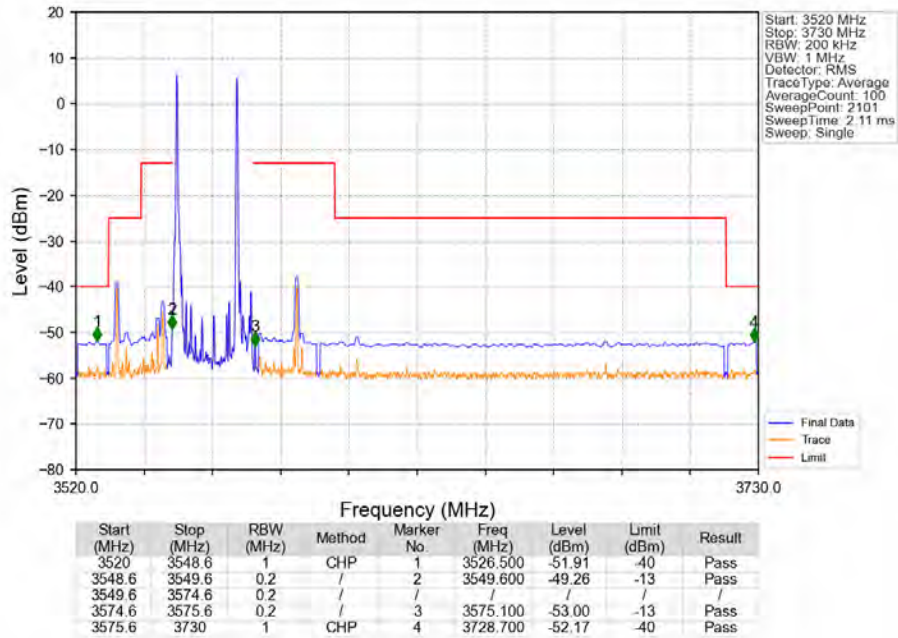
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Rev.: 01

Page: 185 of 337



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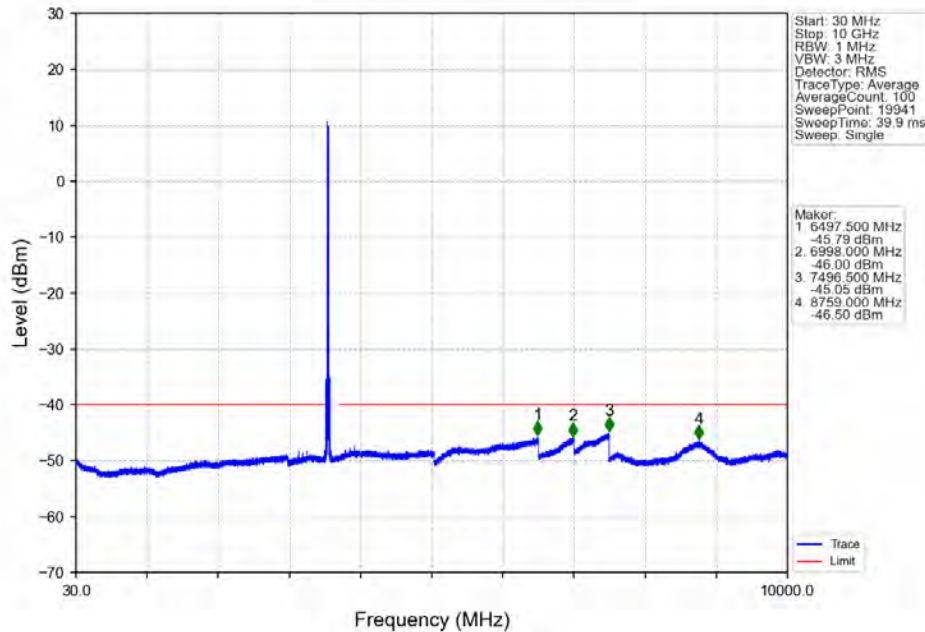
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Report No.: SUCR240100001701

Rev.: 01

Page: 186 of 337



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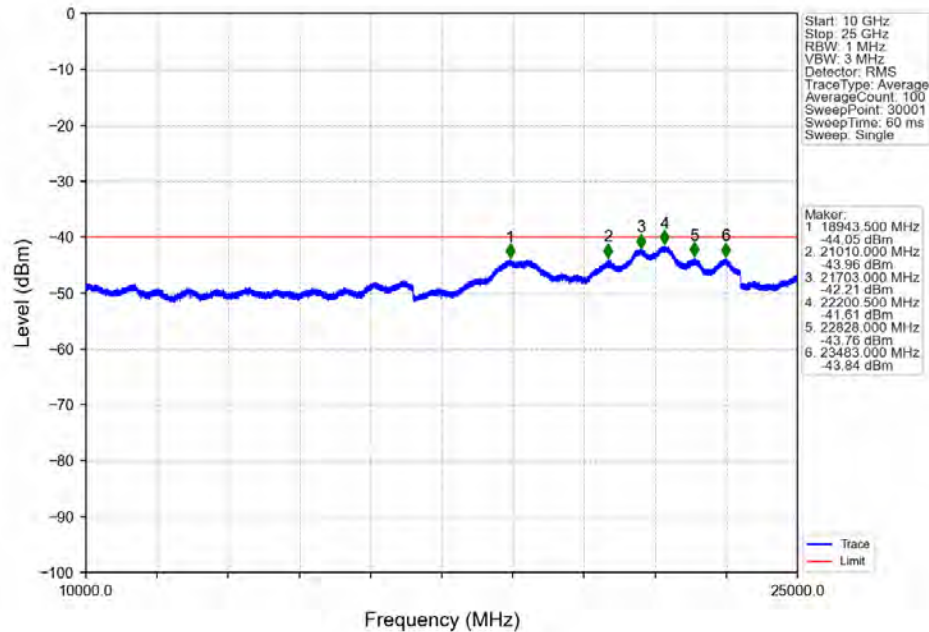
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Report No.: SUCR240100001701

Rev.: 01

Page: 187 of 337



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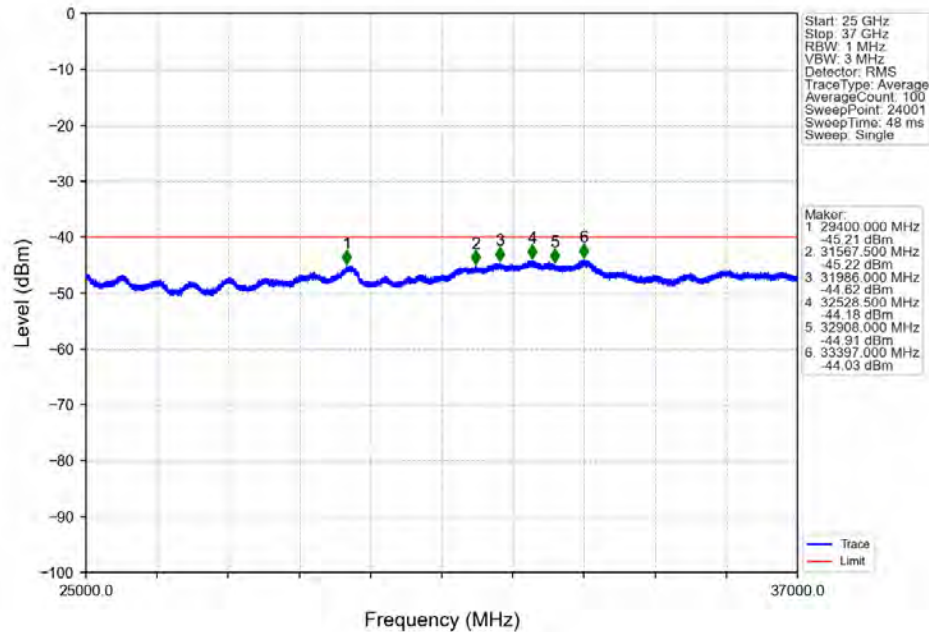
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Report No.: SUCR240100001701

Rev.: 01

Page: 188 of 337



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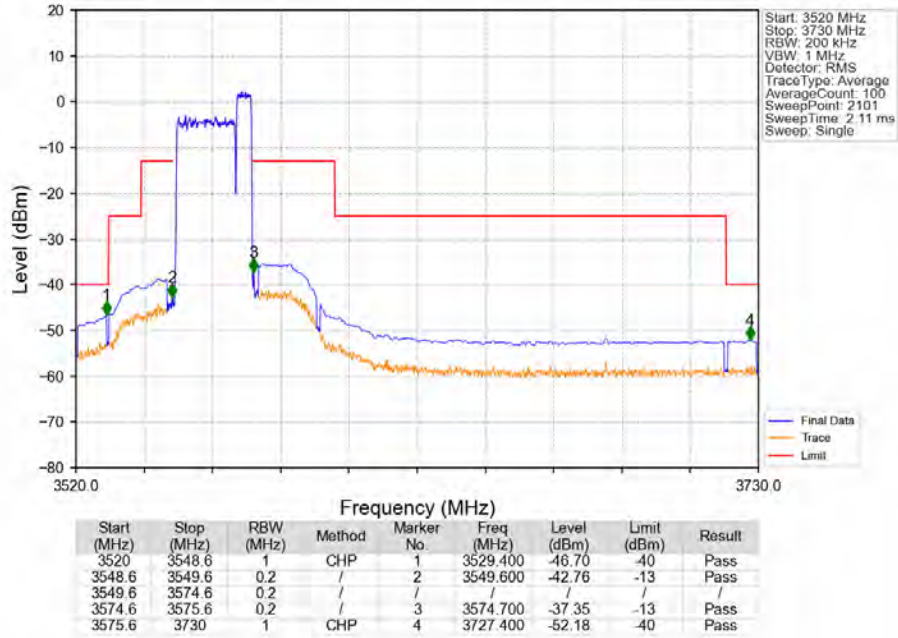
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Rev.: 01

Page: 189 of 337



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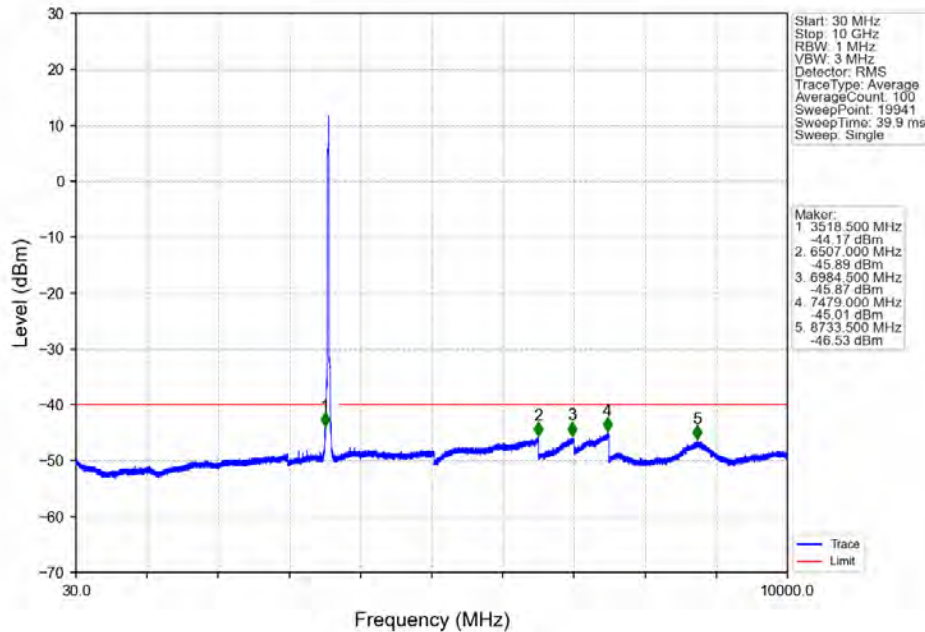
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Report No.: SUCR240100001701

Rev.: 01

Page: 190 of 337



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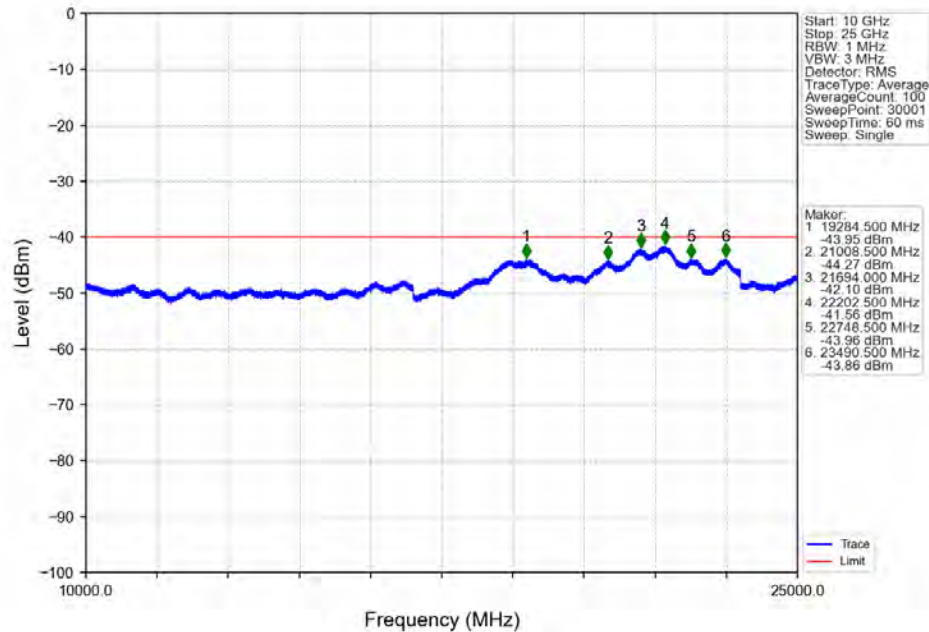
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Report No.: SUCR240100001701

Rev.: 01

Page: 191 of 337



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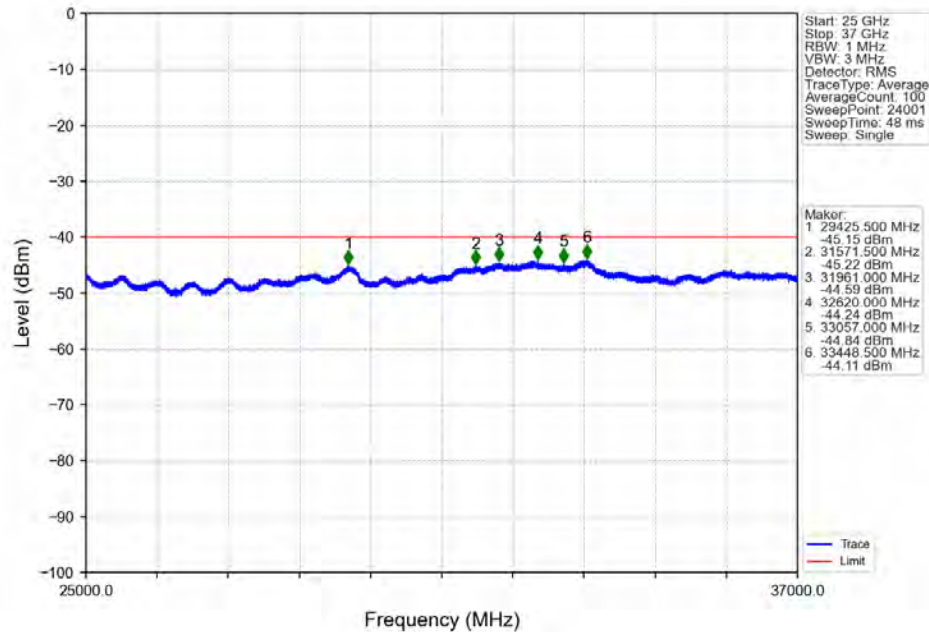
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Page: 192 of 337



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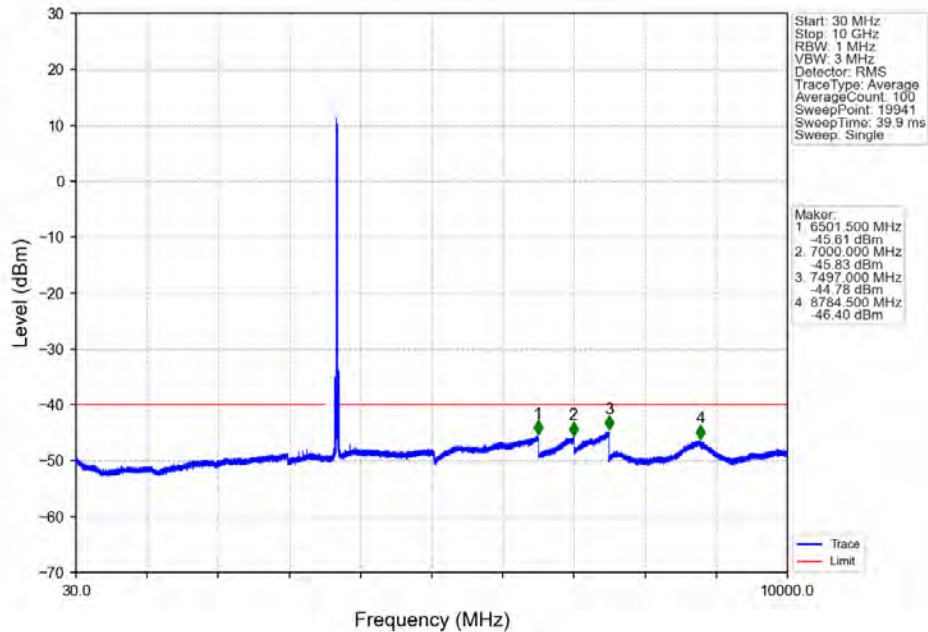
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Page: 193 of 337



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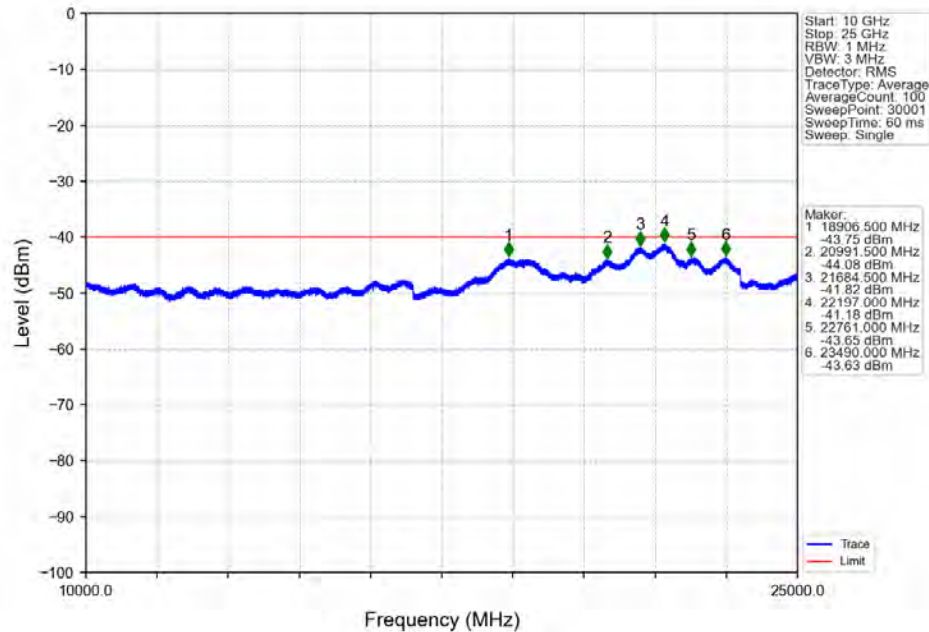
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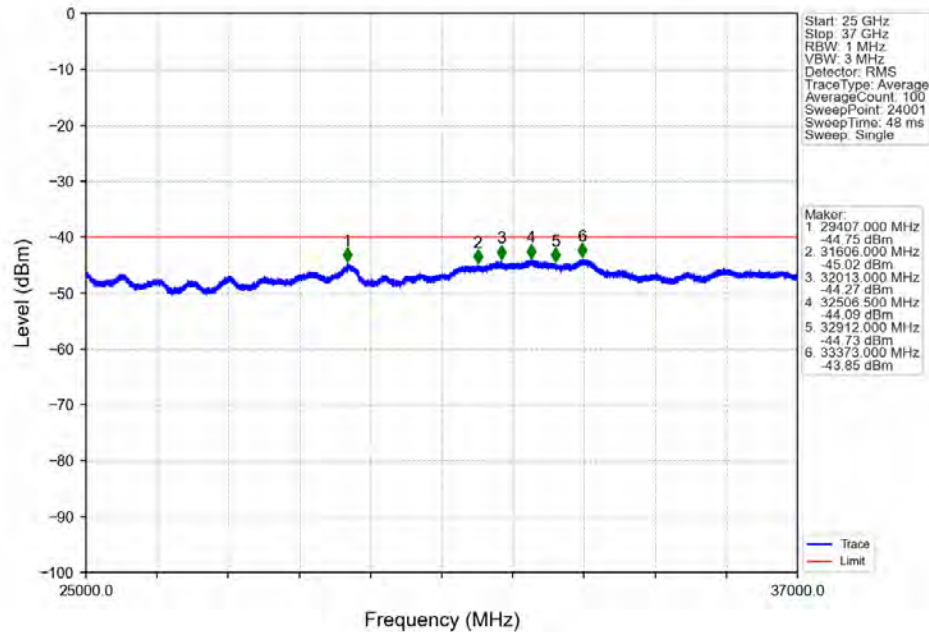
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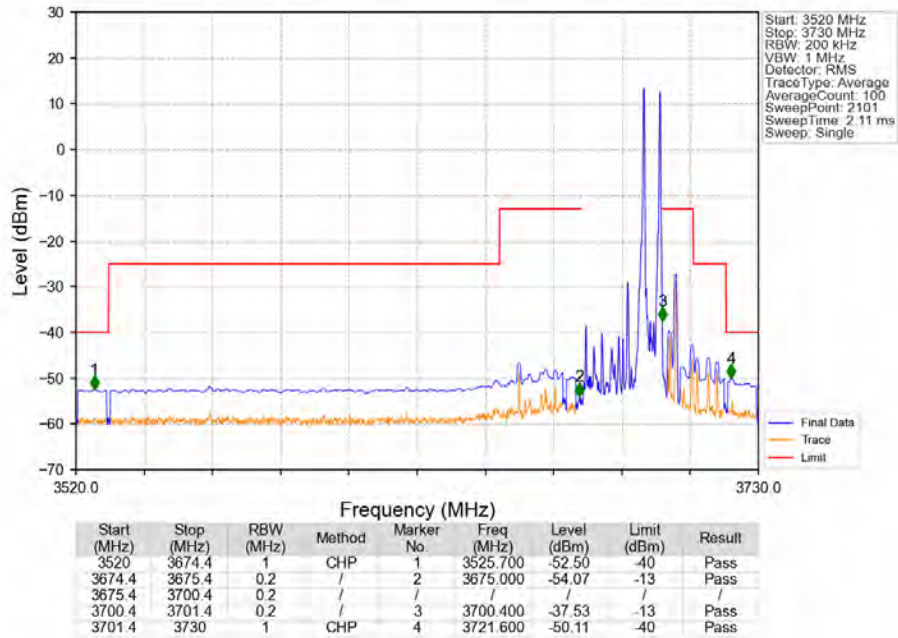
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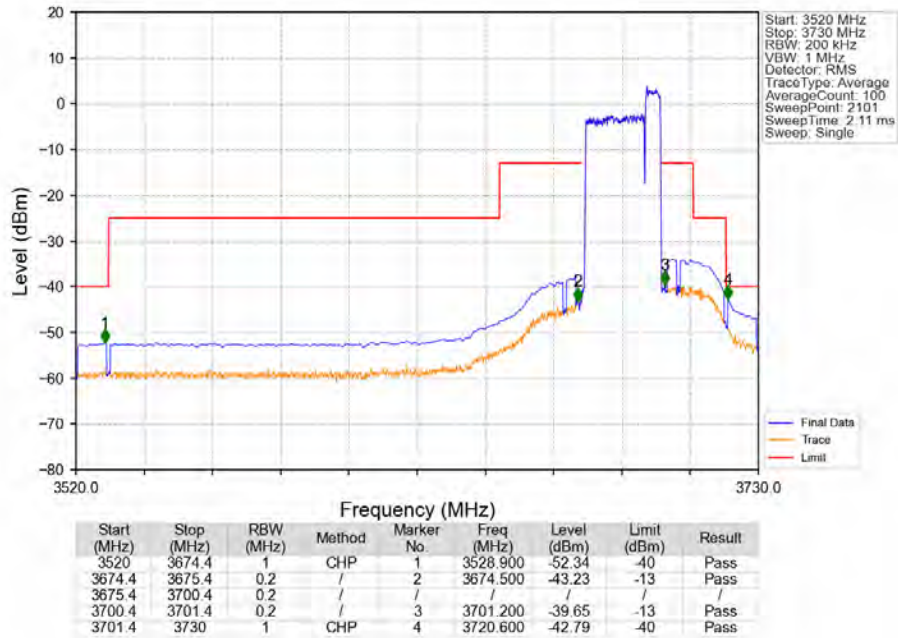
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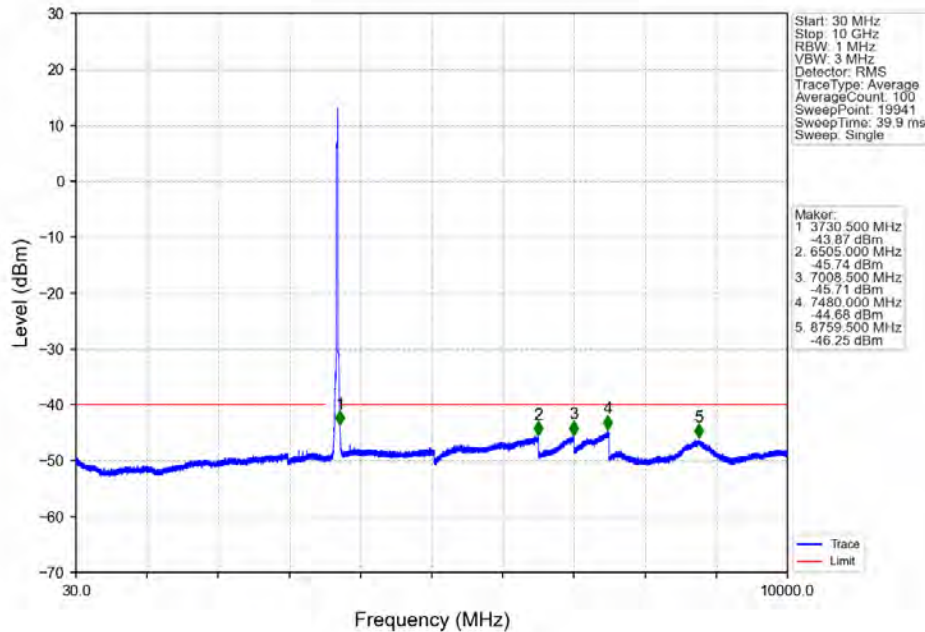
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Rev.: 01

Page: 198 of 337



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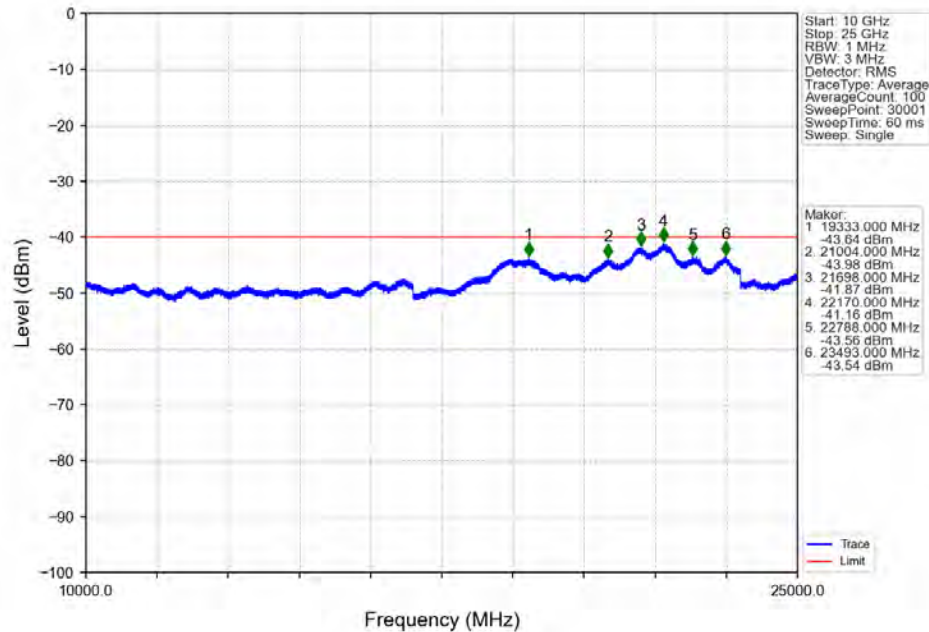
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Rev.: 01

Page: 199 of 337



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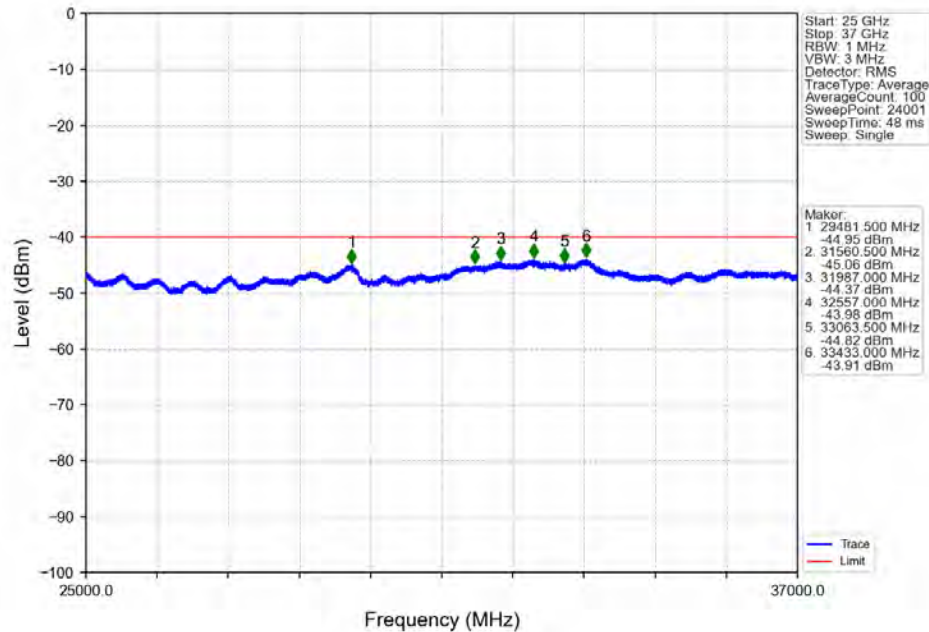
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Report No.: SUCR240100001701

Rev.: 01

Page: 200 of 337



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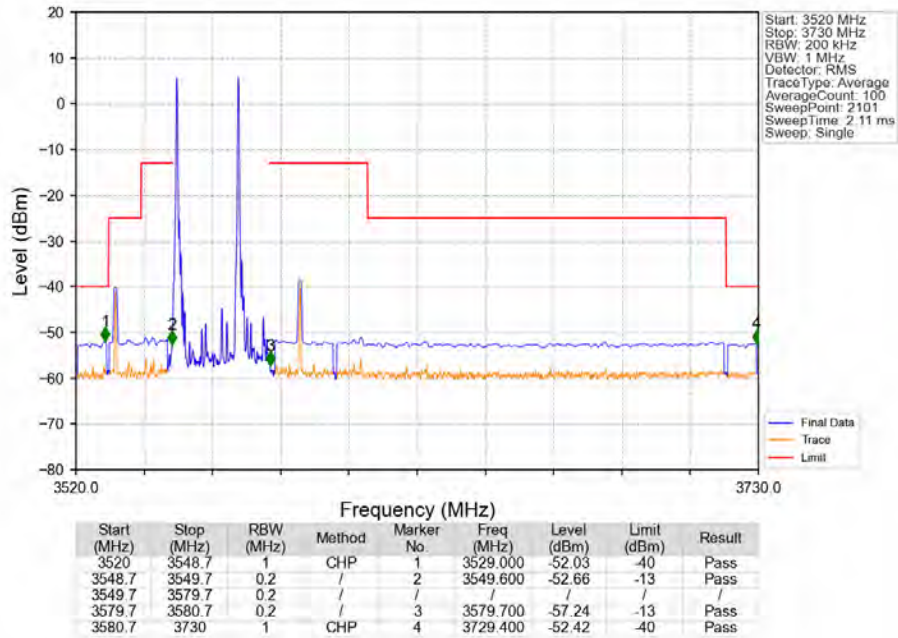
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Report No.: SUCR240100001701

Rev.: 01

Page: 201 of 337



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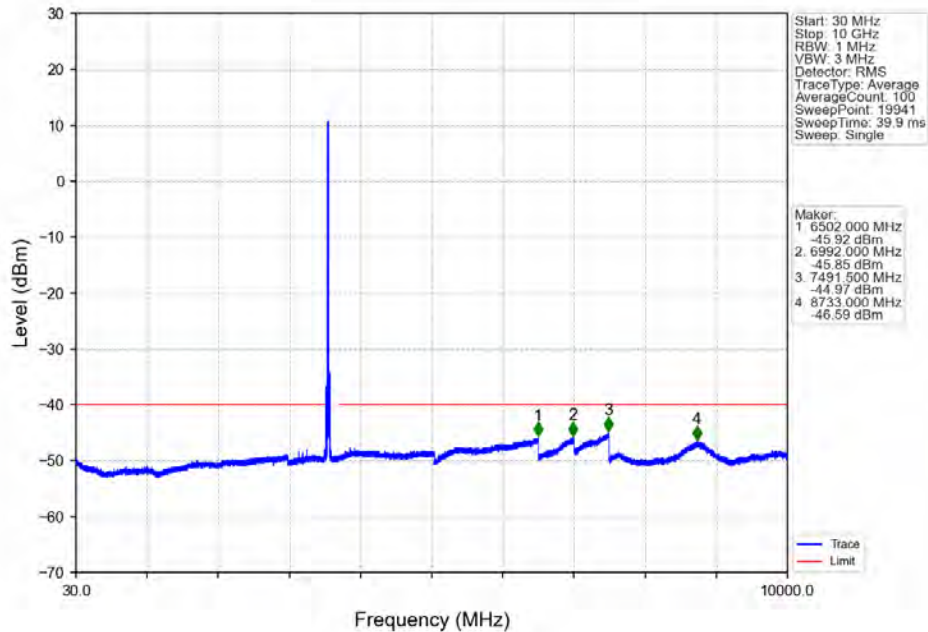
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Report No.: SUCR240100001701

Rev.: 01

Page: 202 of 337



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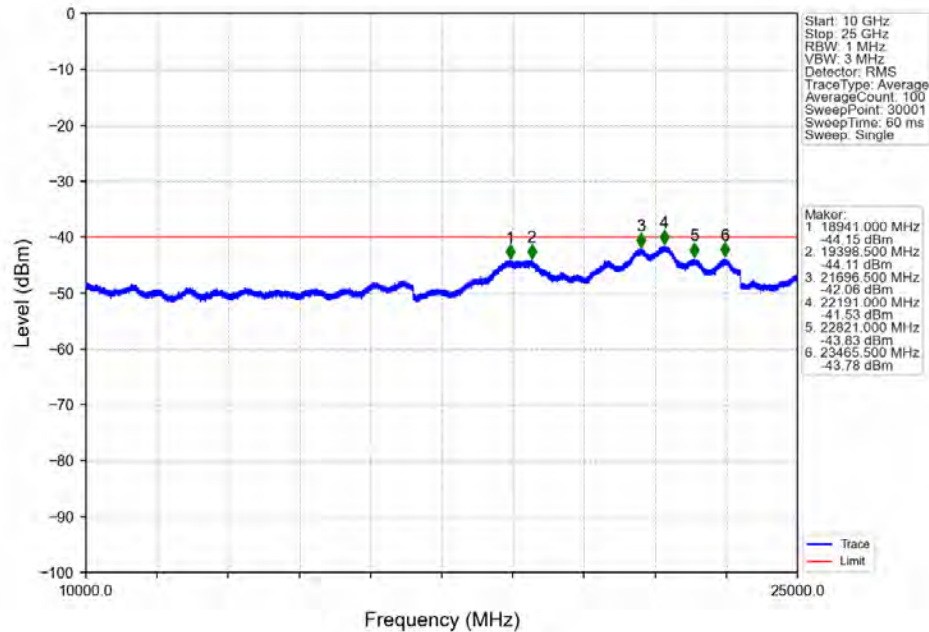
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Report No.: SUCR240100001701

Rev.: 01

Page: 203 of 337



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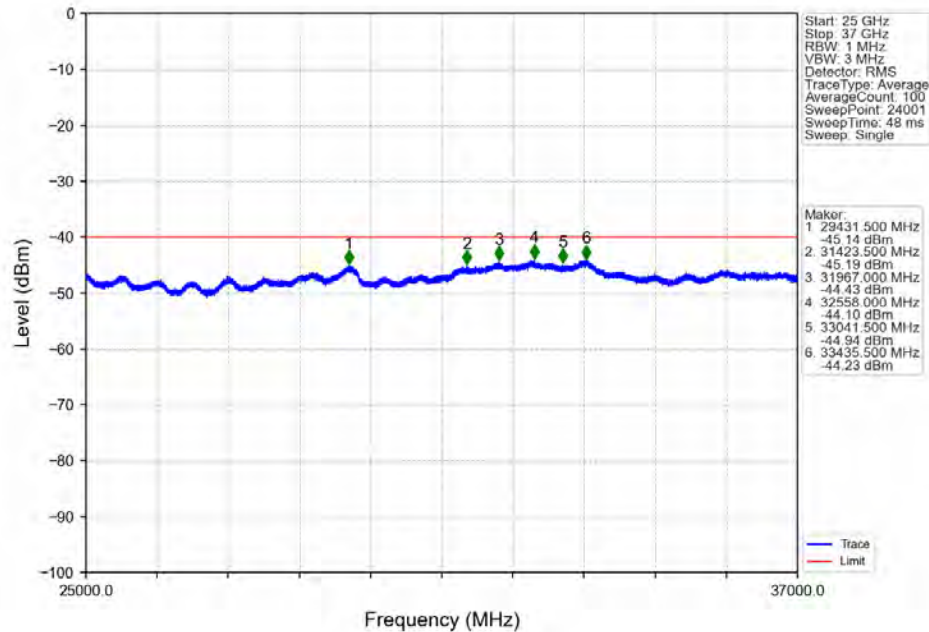
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Report No.: SUCR240100001701

Rev.: 01

Page: 204 of 337



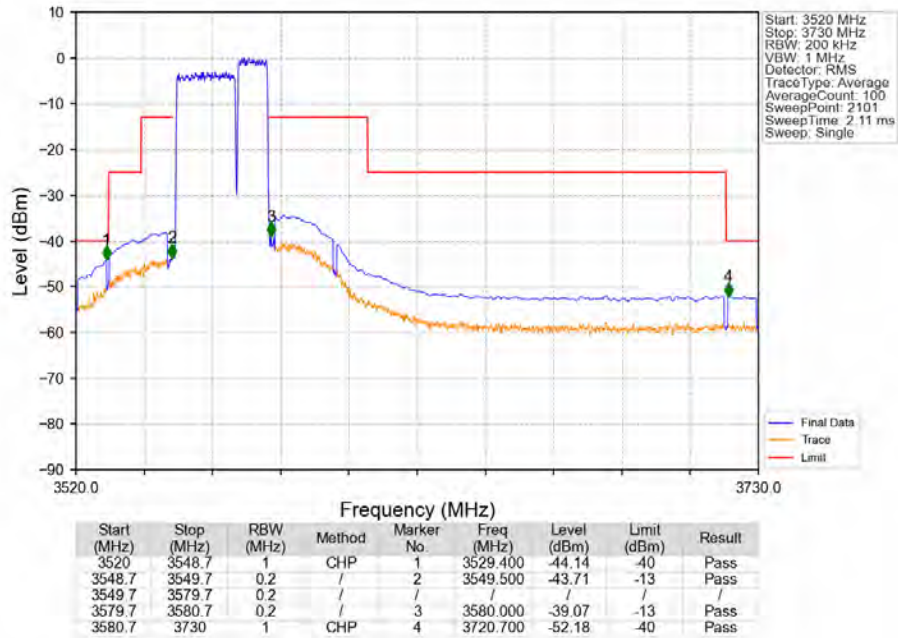
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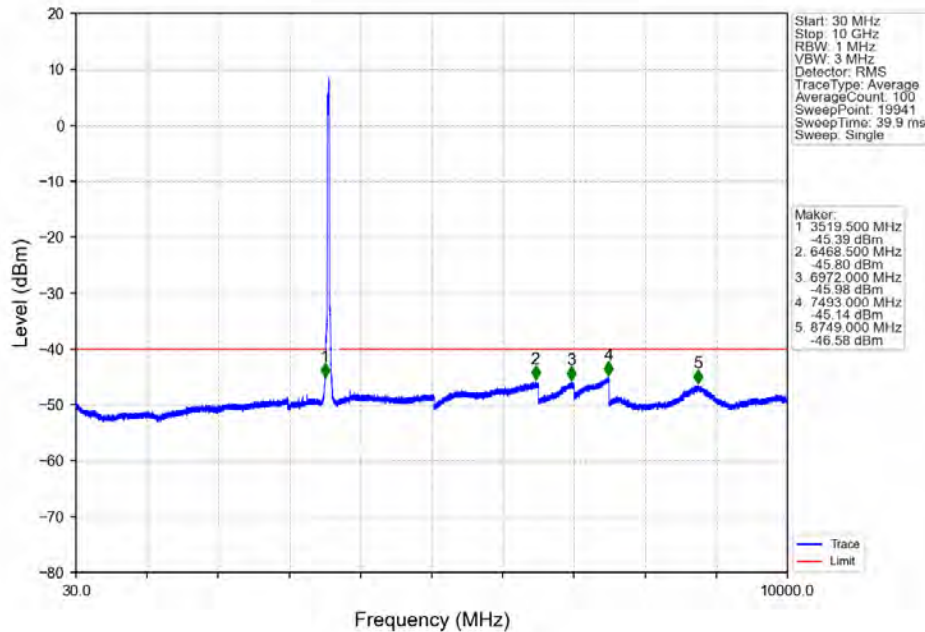
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Rev.: 01

Page: 206 of 337



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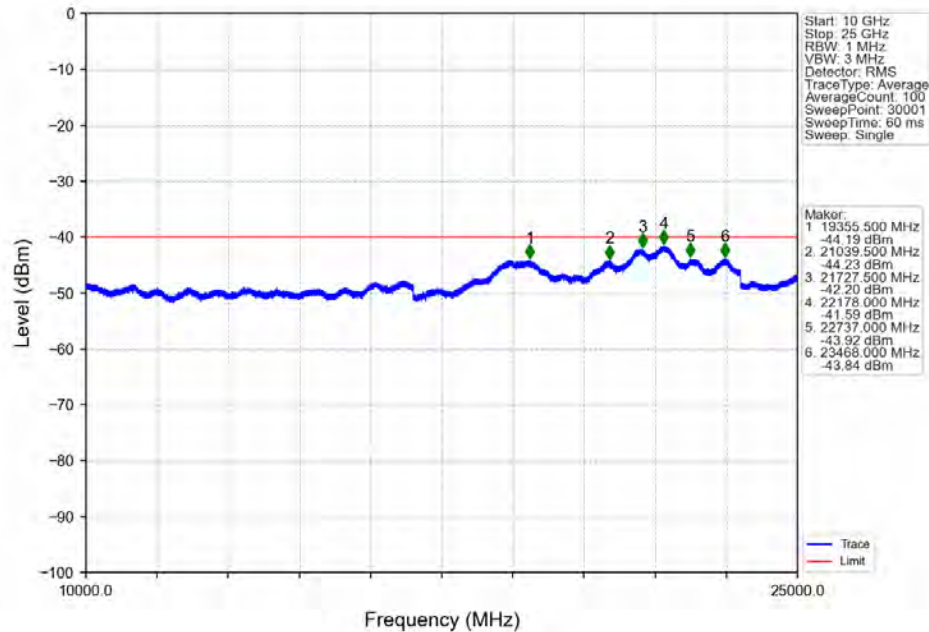
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Page: 207 of 337



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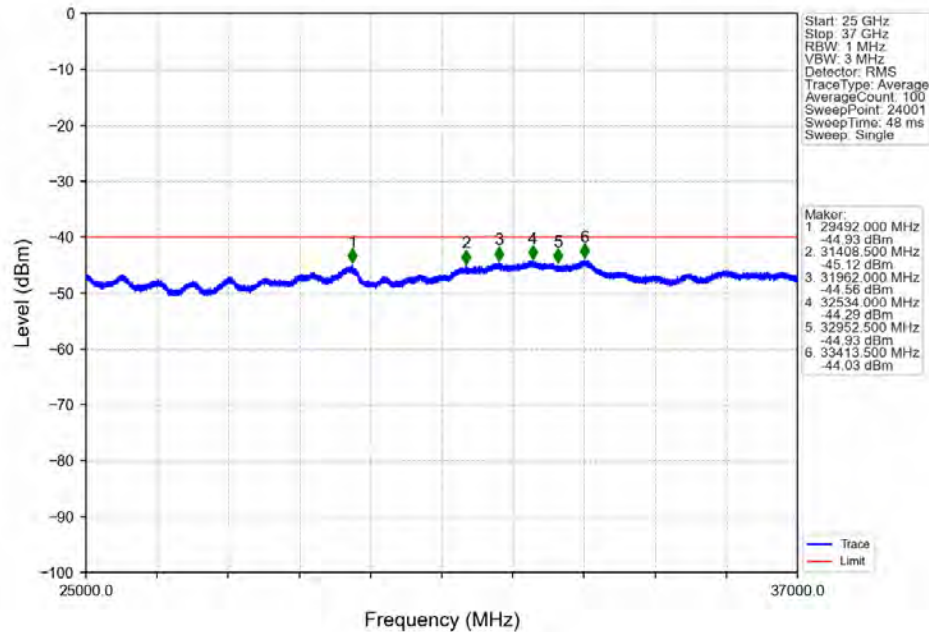
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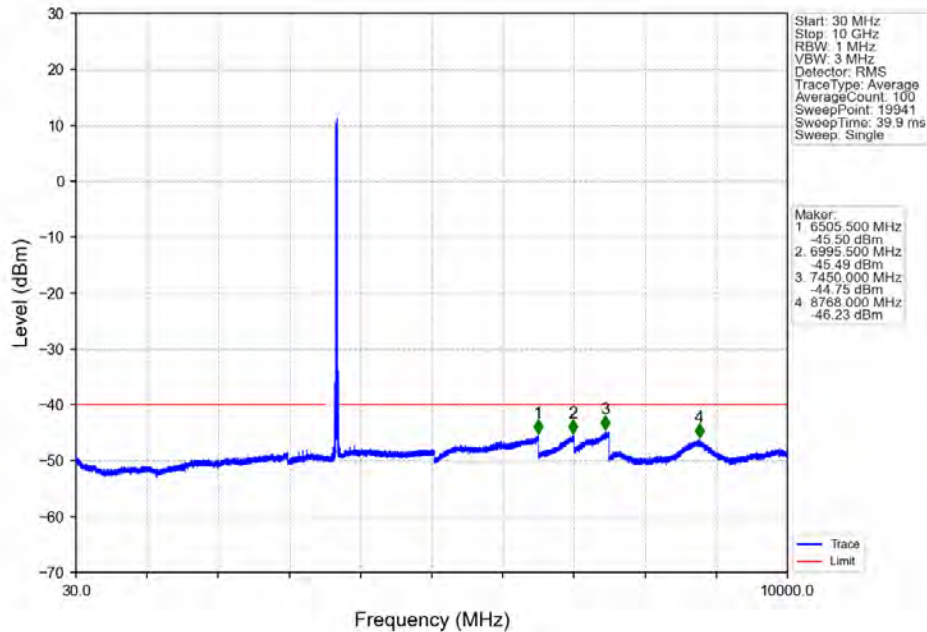
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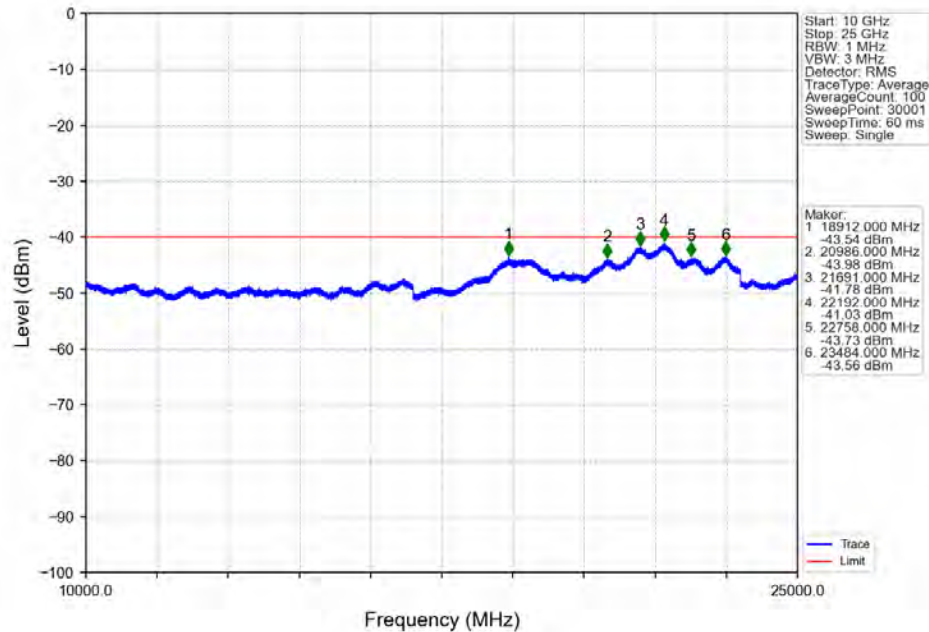
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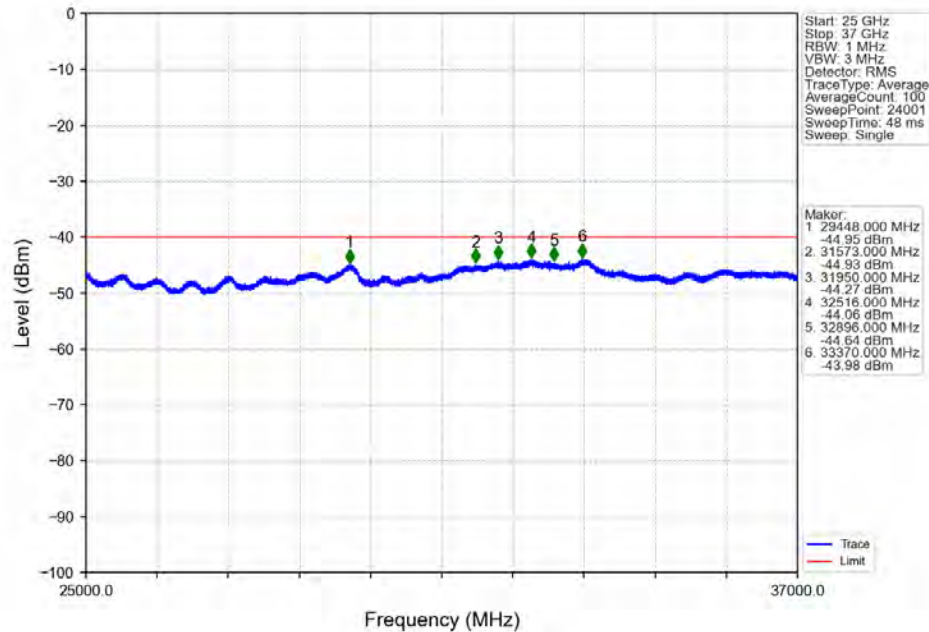
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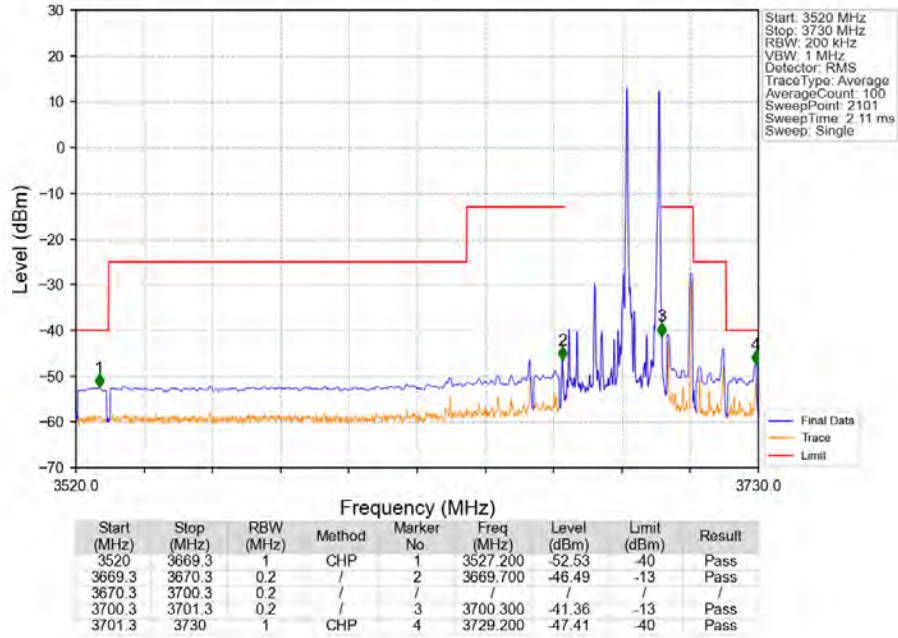
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Page: 212 of 337



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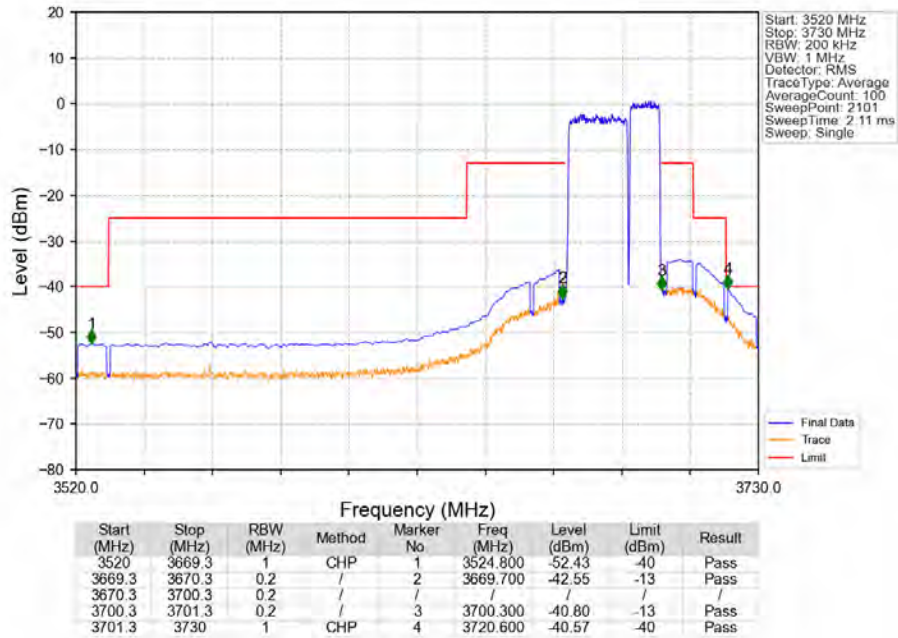
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Report No.: SUCR240100001701

Rev.: 01

Page: 213 of 337



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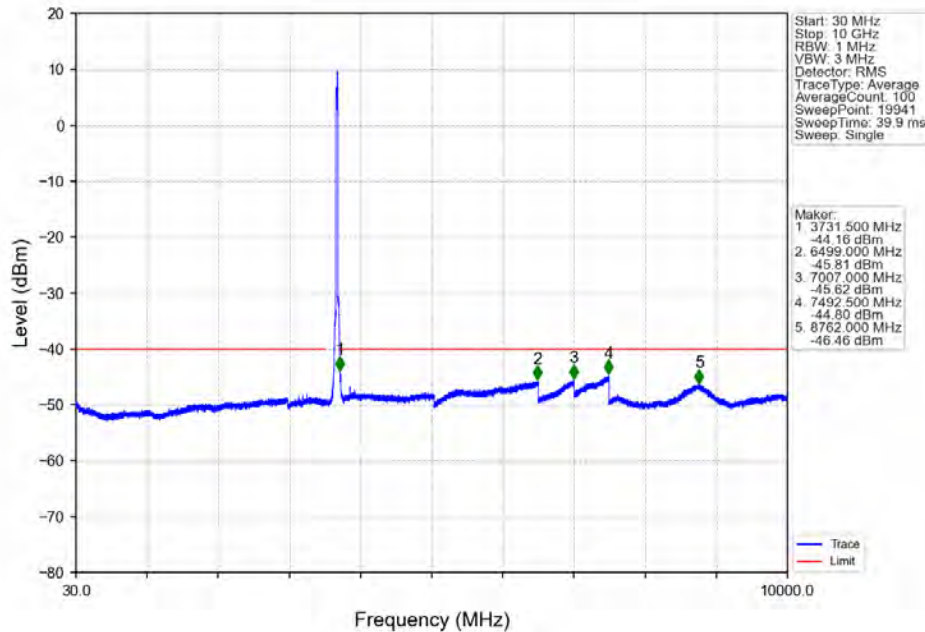
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Report No.: SUCR240100001701

Rev.: 01

Page: 214 of 337



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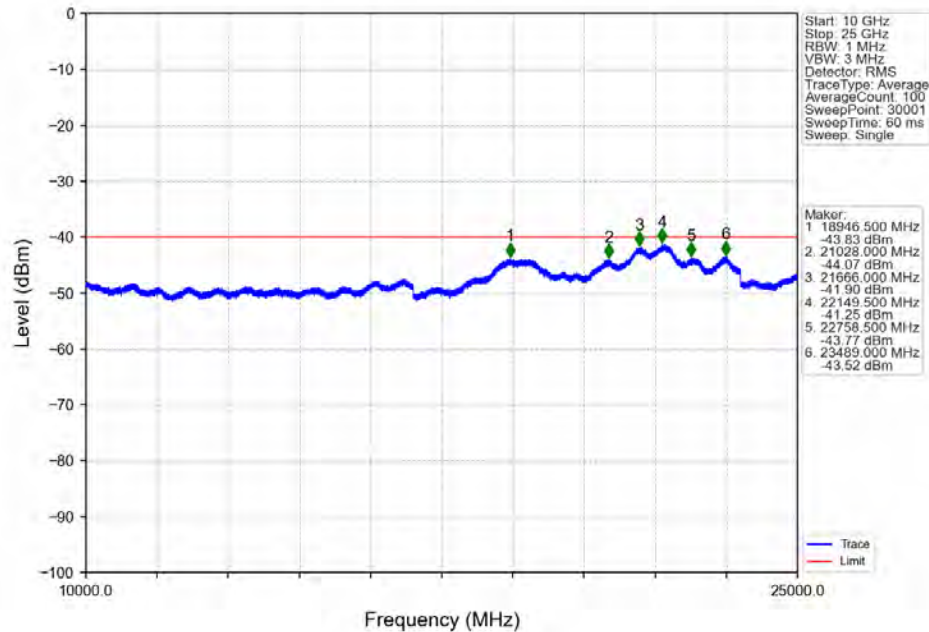
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Report No.: SUCR240100001701

Rev.: 01

Page: 215 of 337



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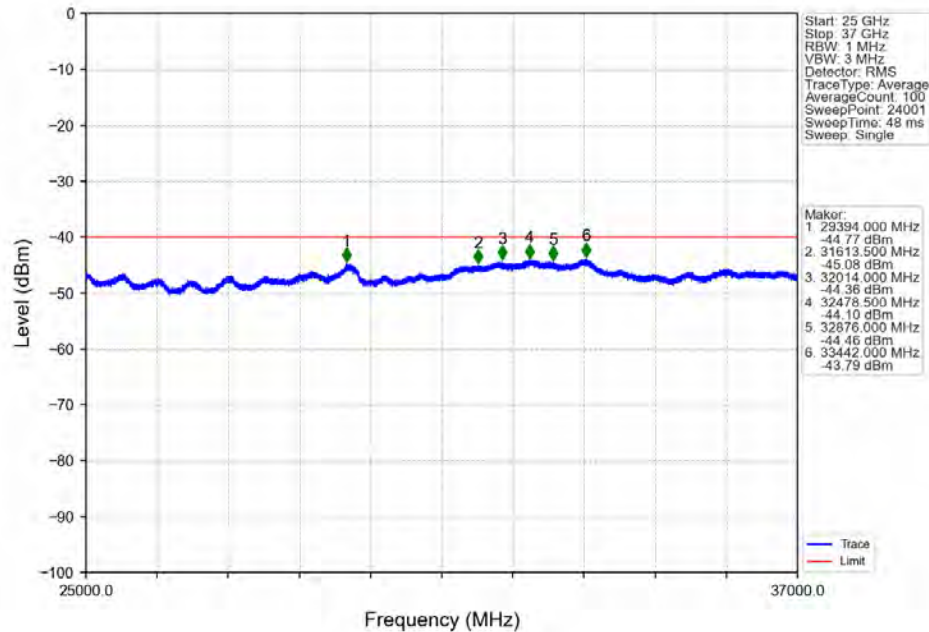
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Report No.: SUCR240100001701

Rev.: 01

Page: 216 of 337



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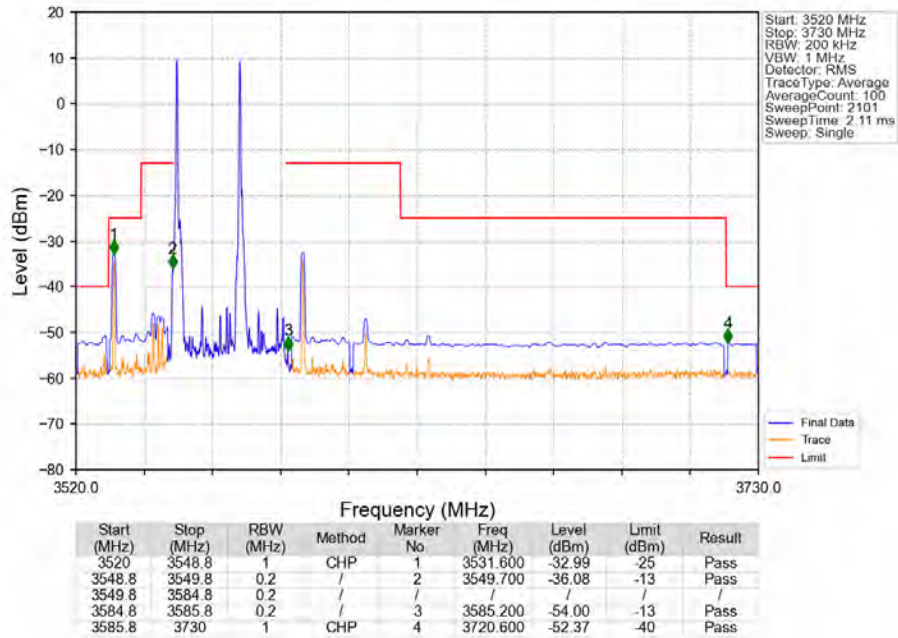
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Report No.: SUCR240100001701

Rev.: 01

Page: 217 of 337



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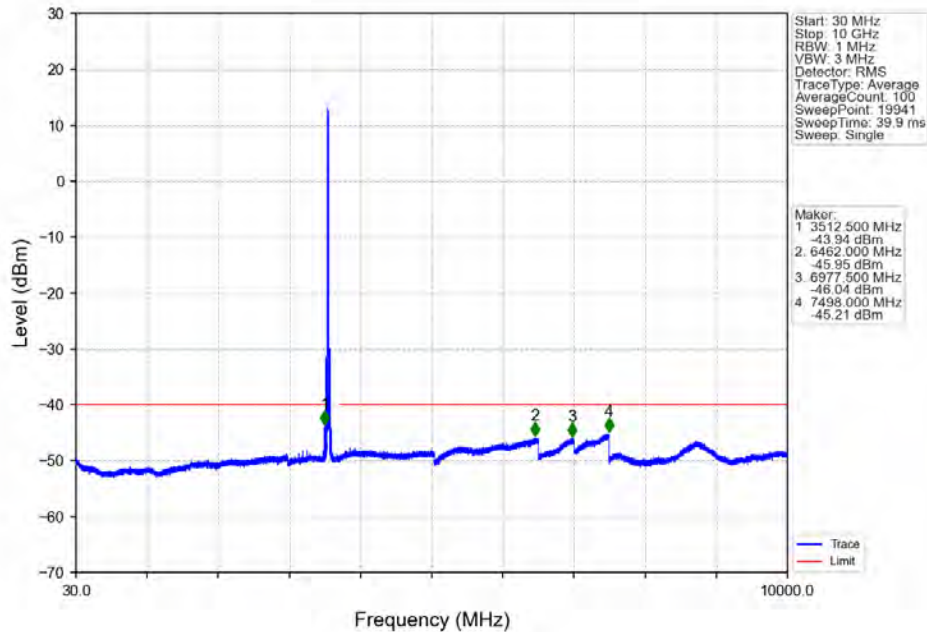
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Rev.: 01

Page: 218 of 337



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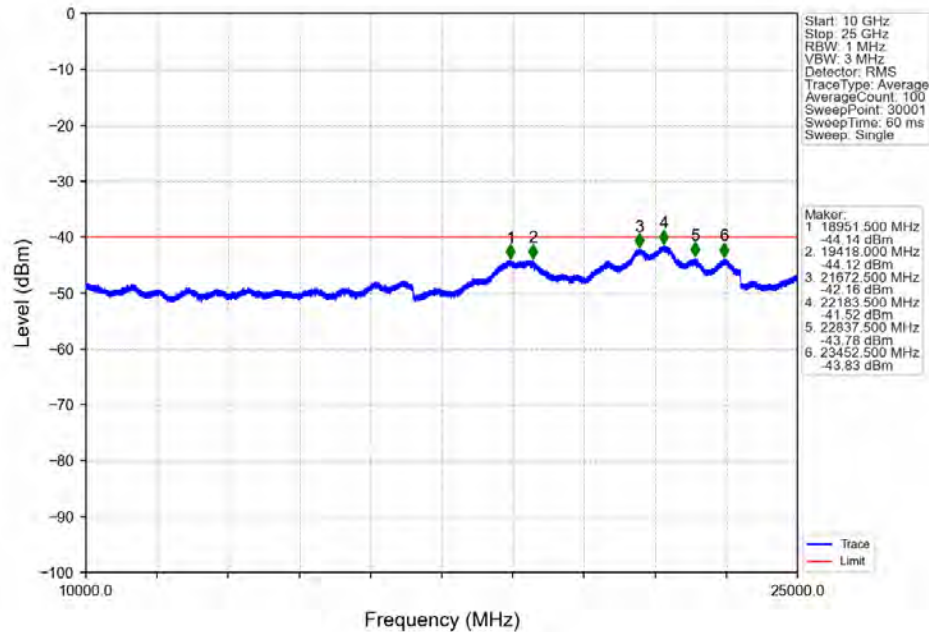
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Rev.: 01

Page: 219 of 337



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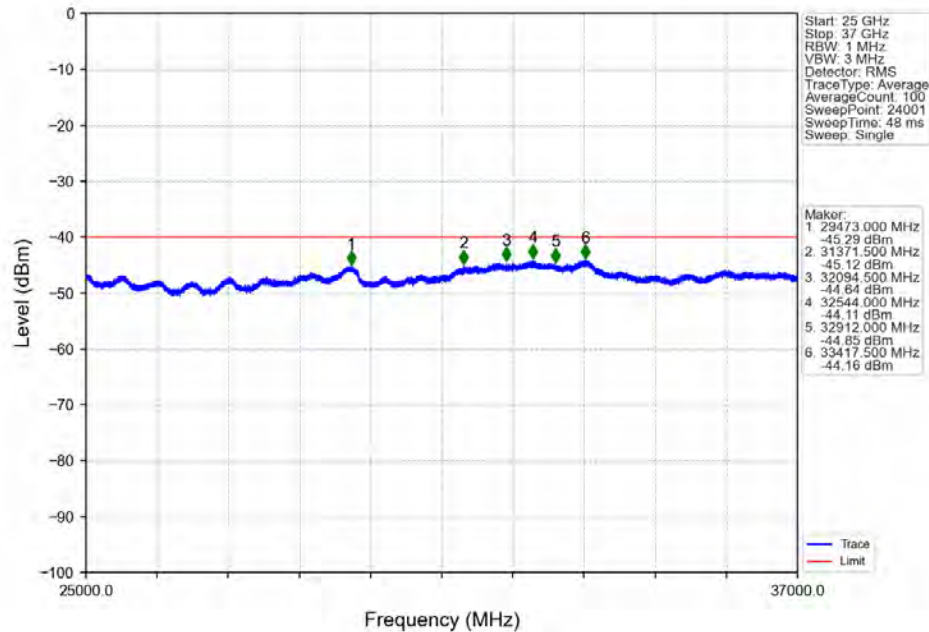
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Page: 220 of 337



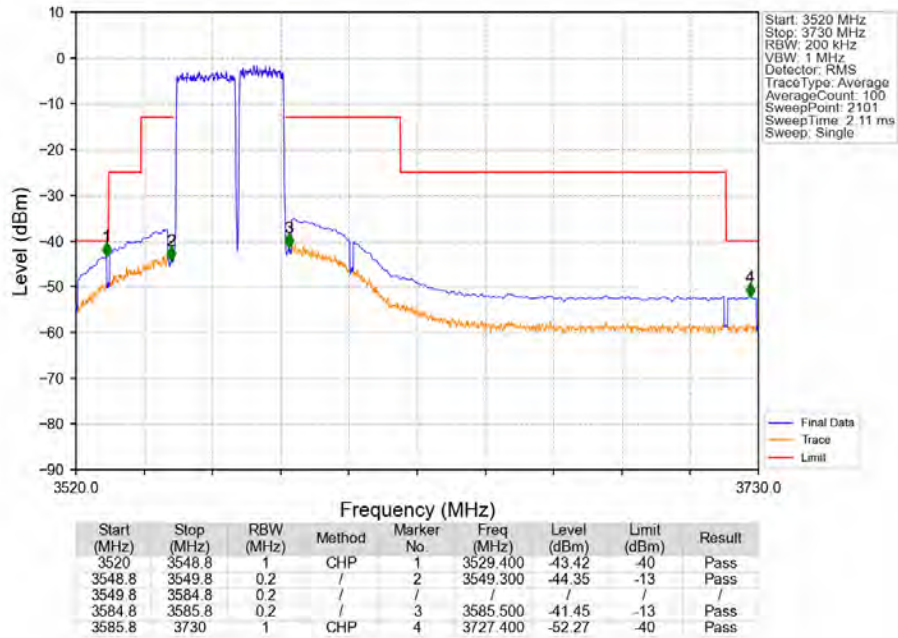
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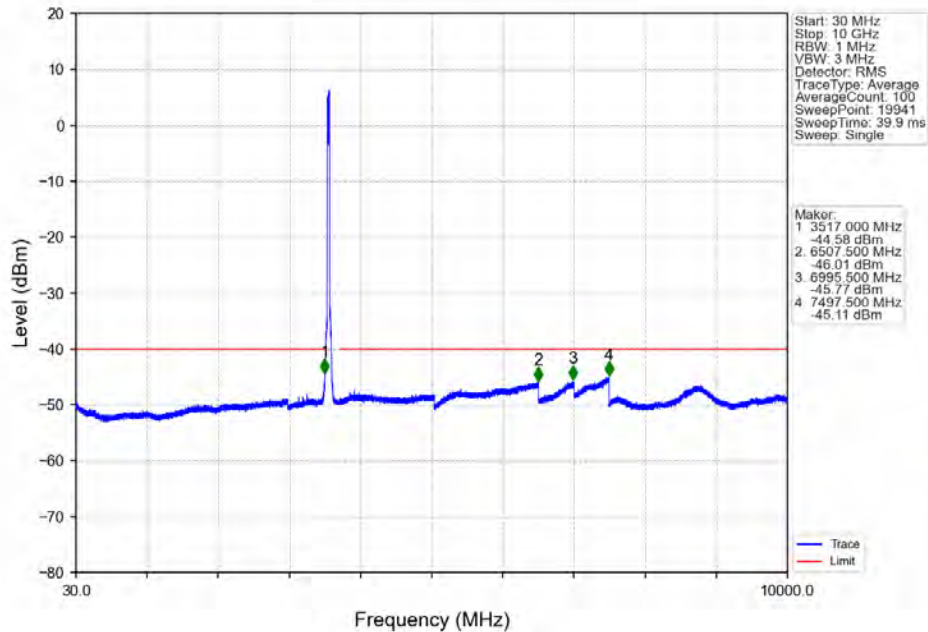
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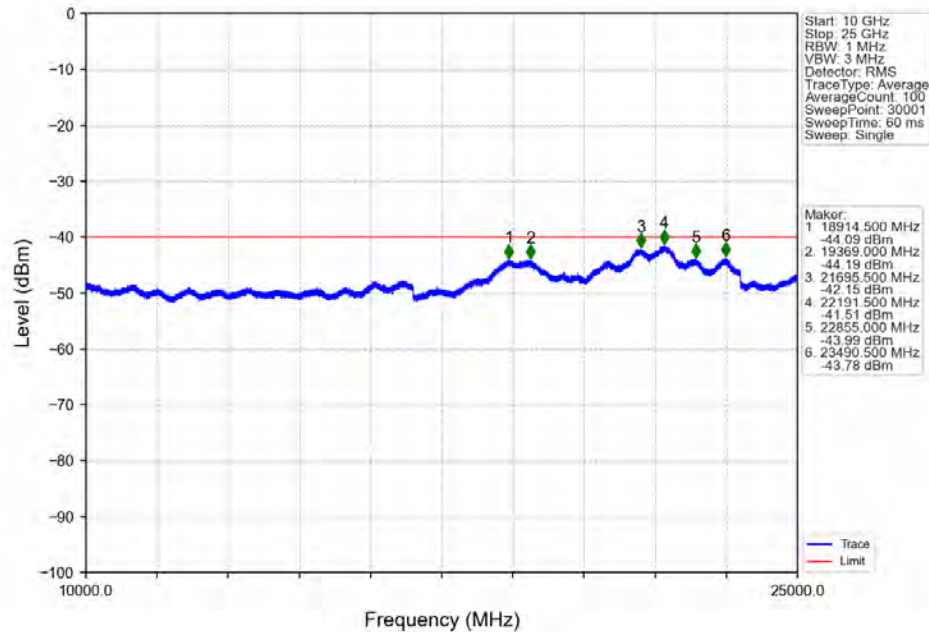
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Page: 223 of 337



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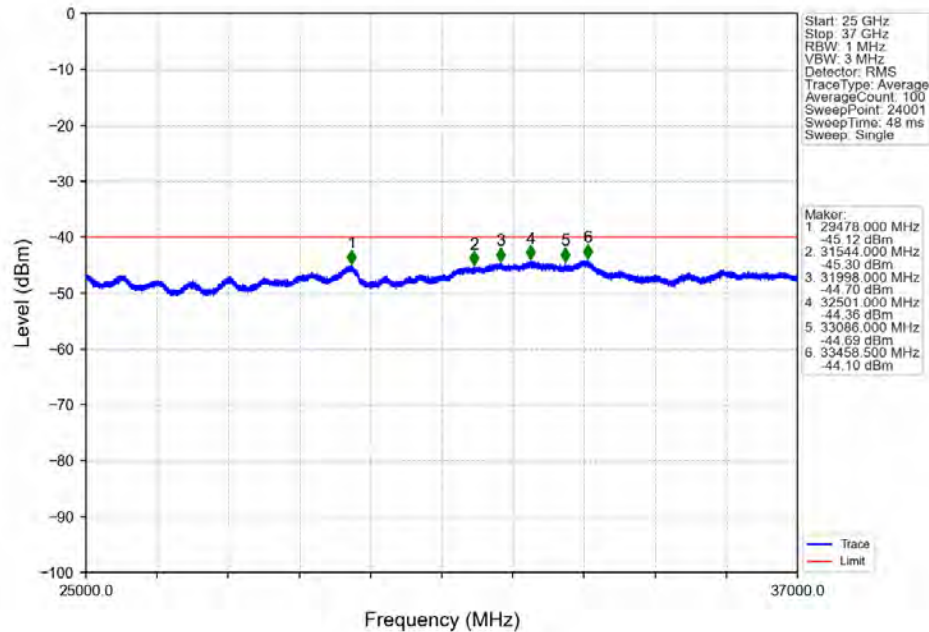
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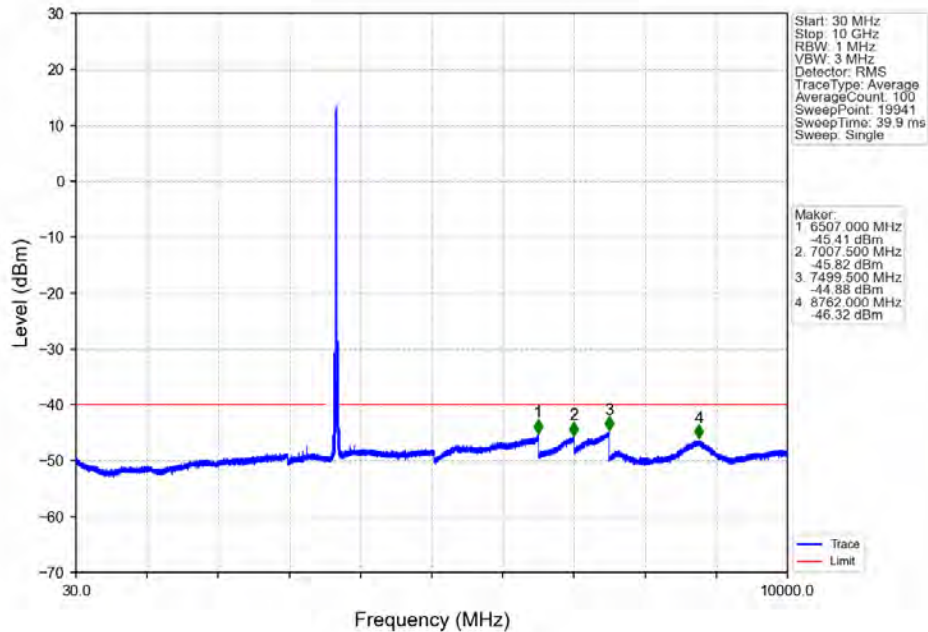
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Page: 225 of 337



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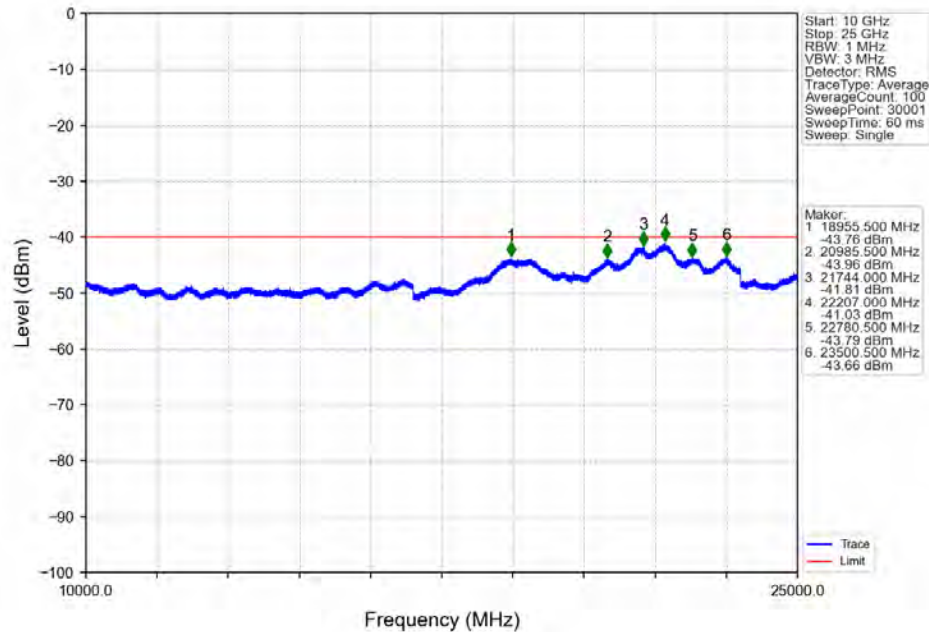
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Report No.: SUCR240100001701

Rev.: 01

Page: 226 of 337



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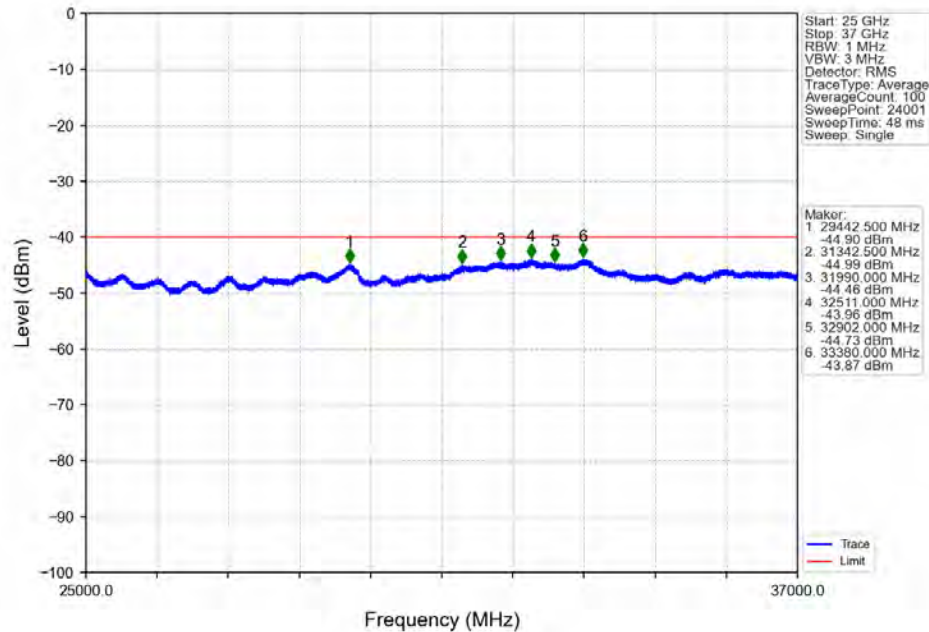
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Rev.: 01

Page: 227 of 337



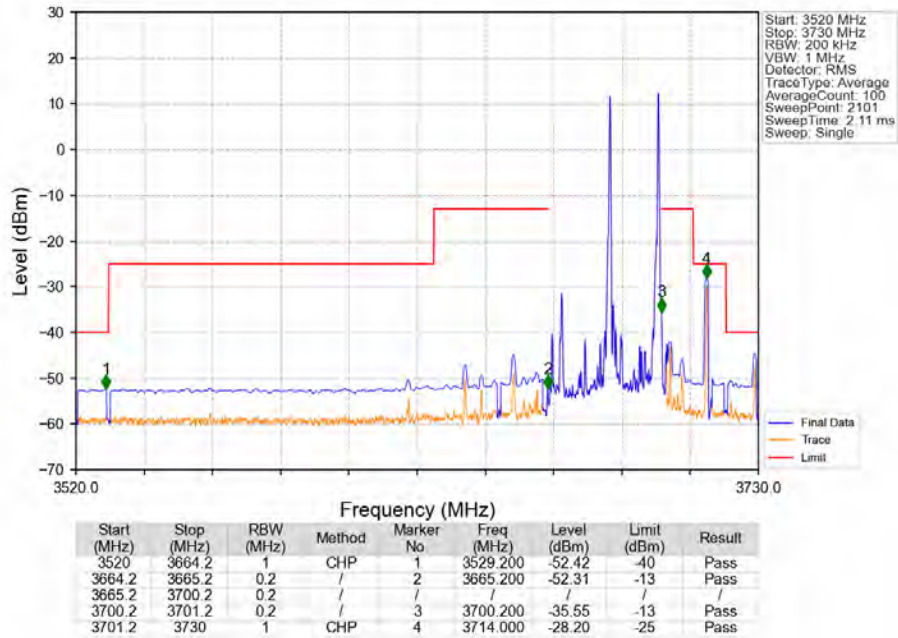
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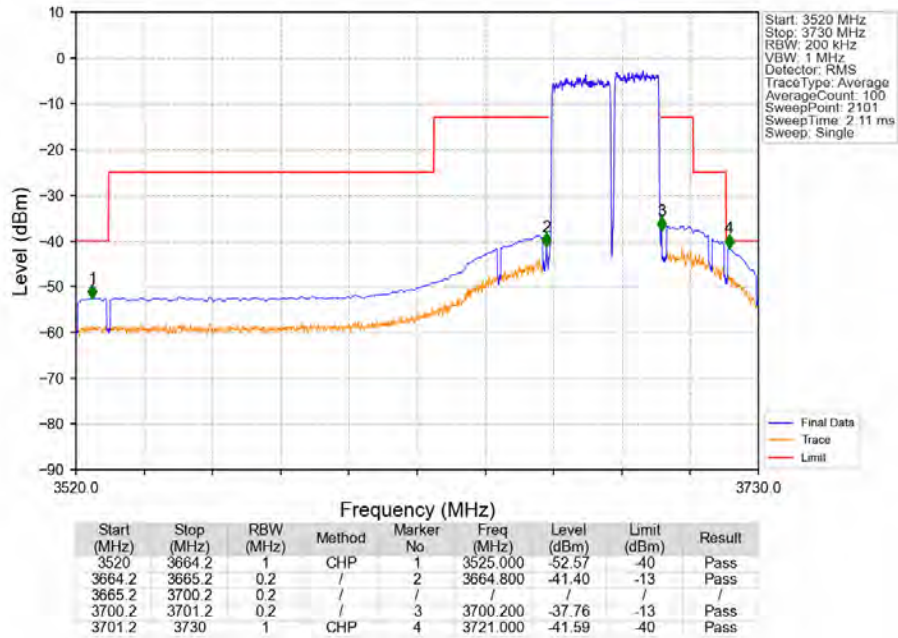
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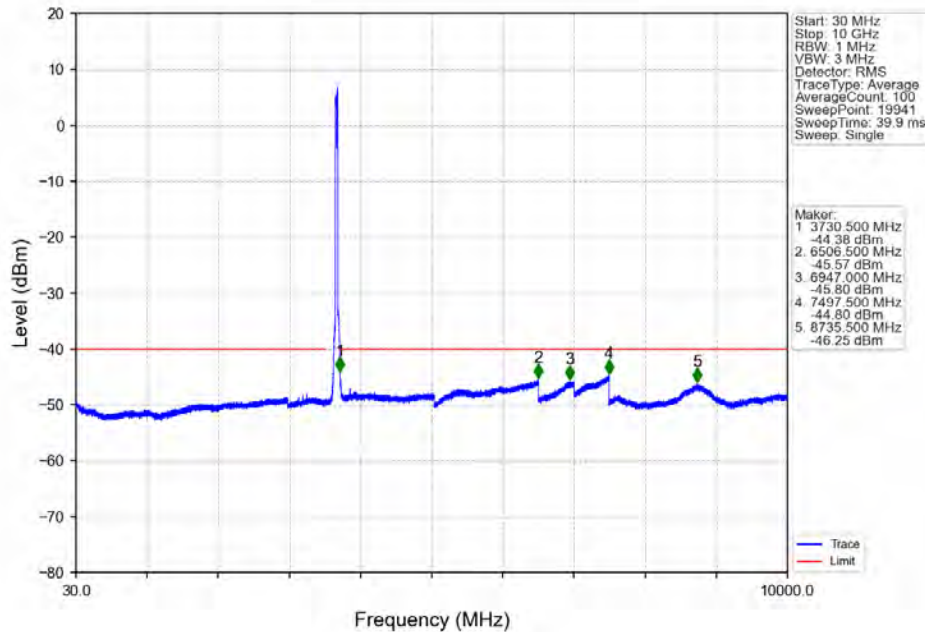
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Report No.: SUCR240100001701

Rev.: 01

Page: 230 of 337



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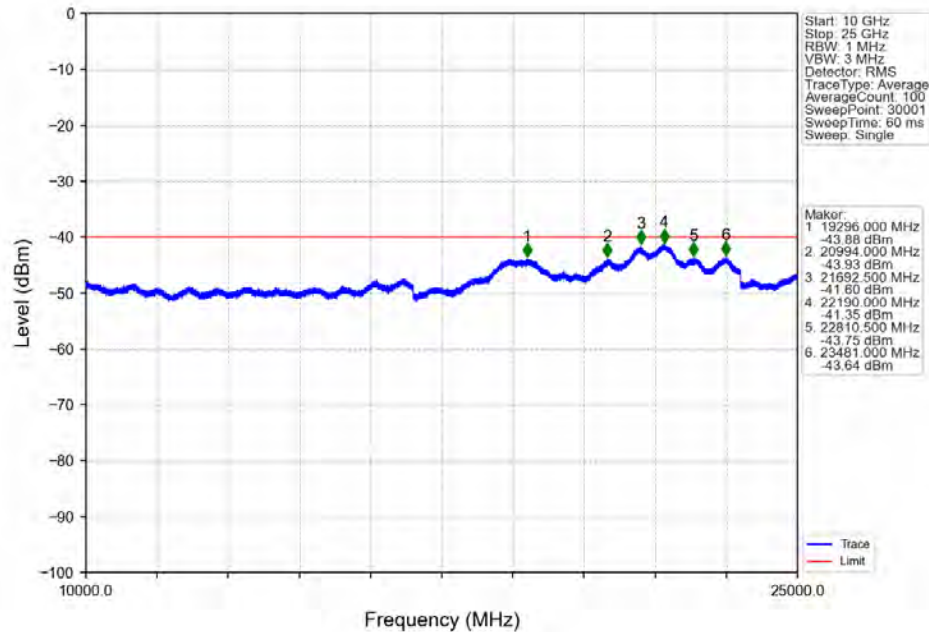
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Rev.: 01

Page: 231 of 337



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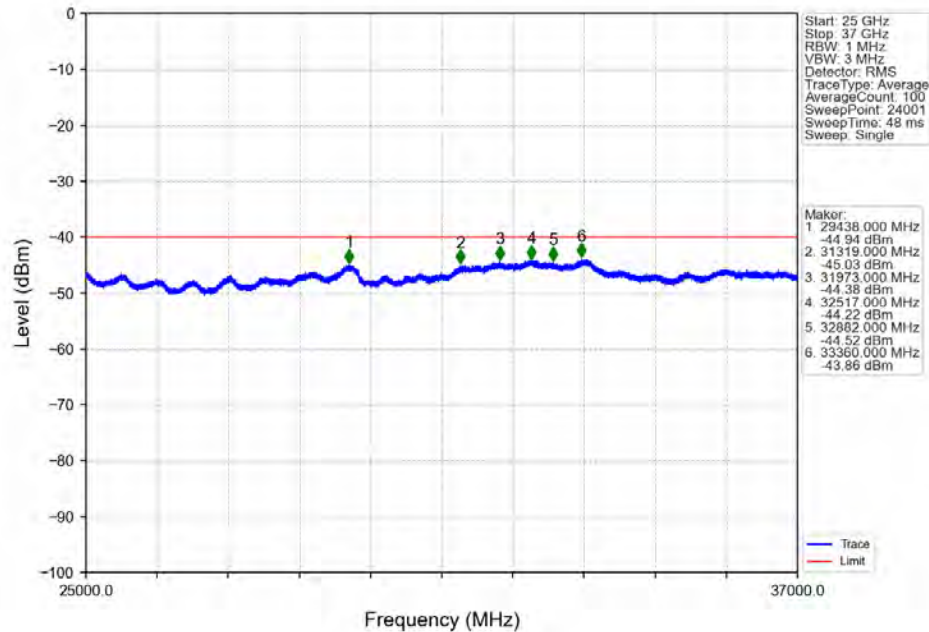
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Rev.: 01

Page: 232 of 337



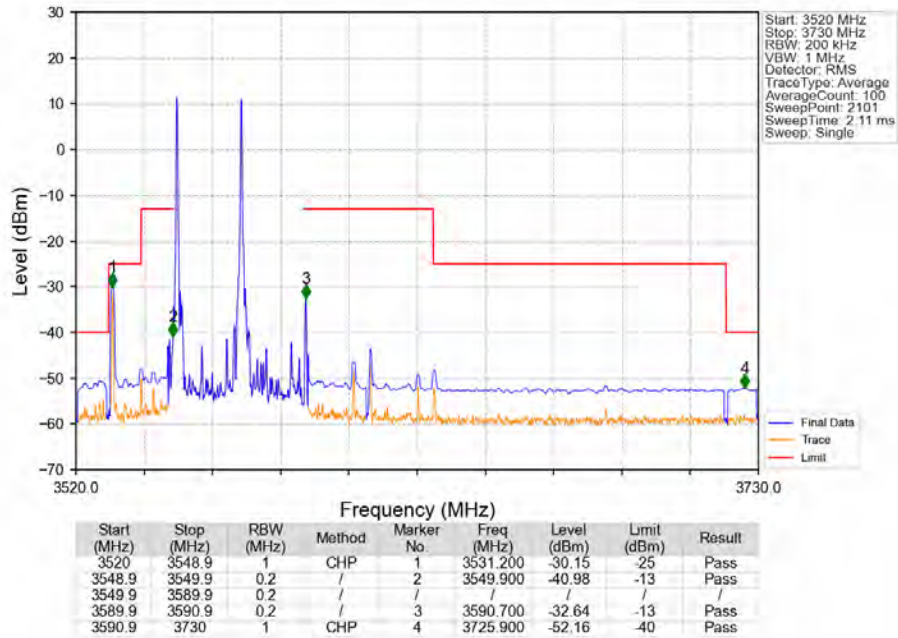
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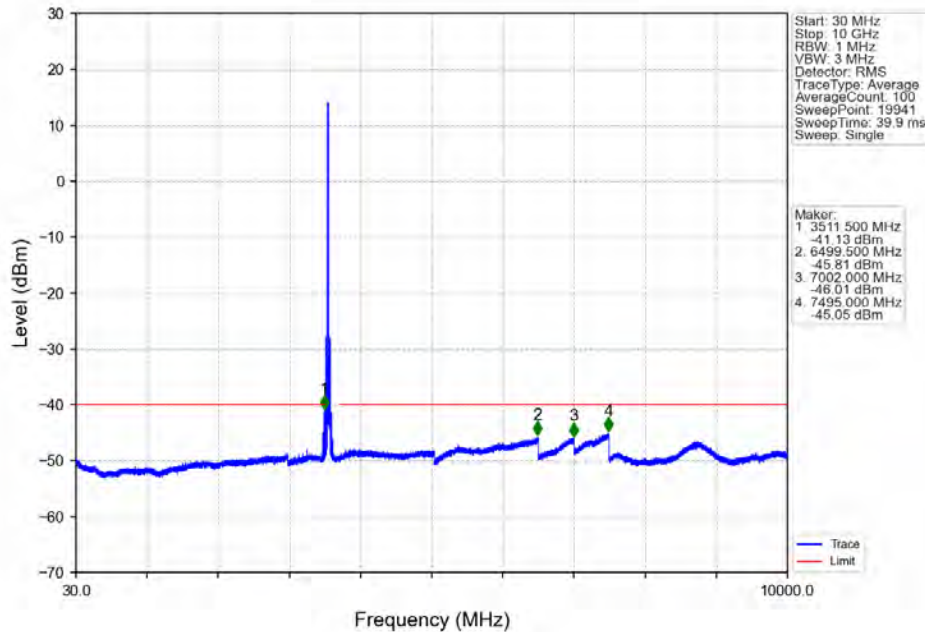
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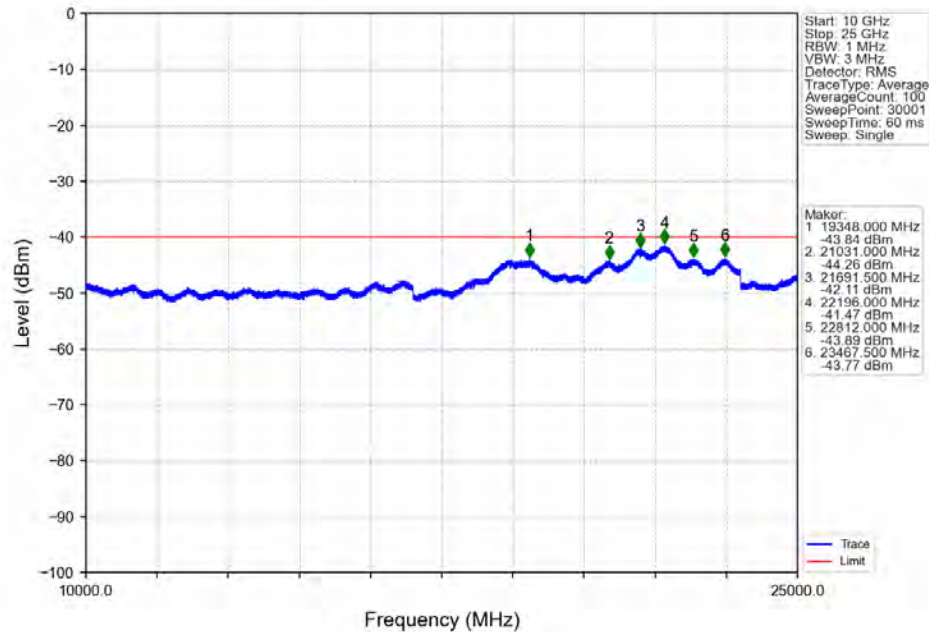
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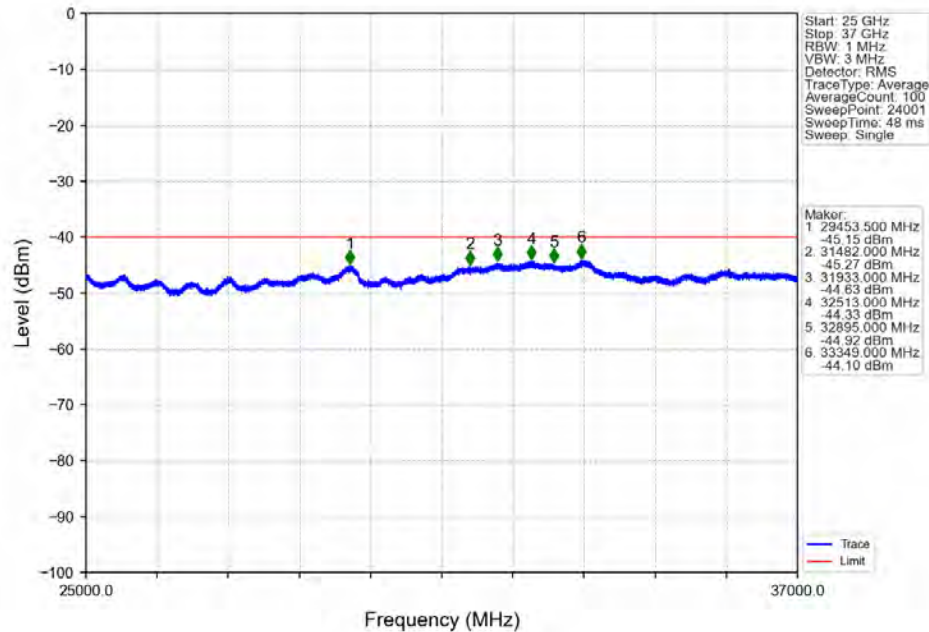
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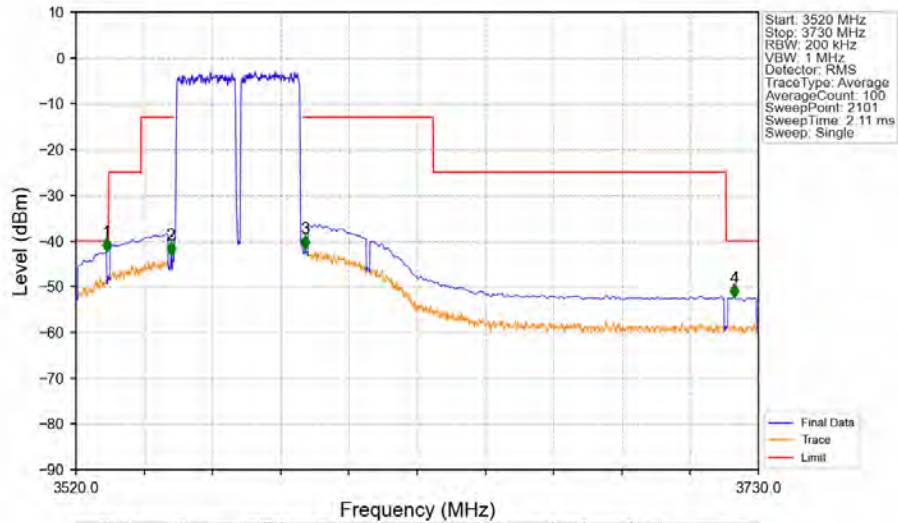
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3520	3548.9	1	CHP	1	3529.400	-42.33	-40	Pass
3548.9	3549.9	0.2	/	2	3549.200	-43.20	-13	Pass
3549.9	3589.9	0.2	/	/	/	/	/	/
3589.9	3590.9	0.2	/	3	3590.400	-41.79	-13	Pass
3590.9	3730	1	CHP	4	3722.600	-52.43	-40	Pass



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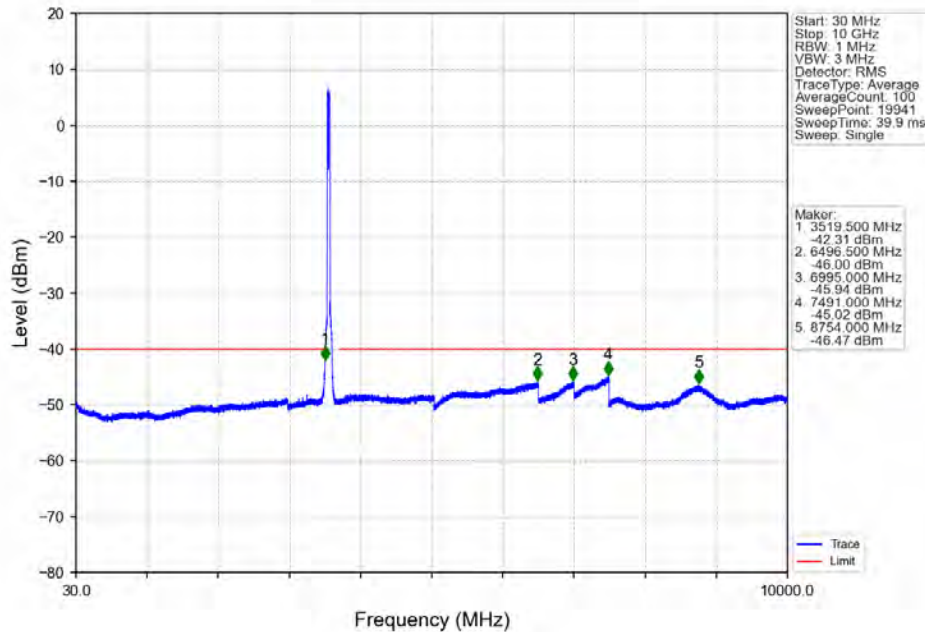
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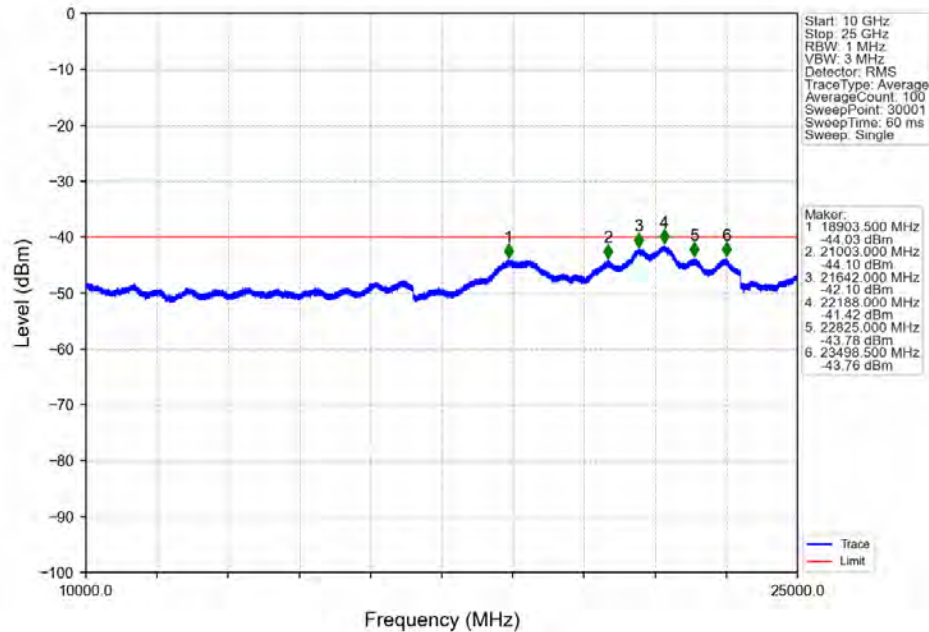
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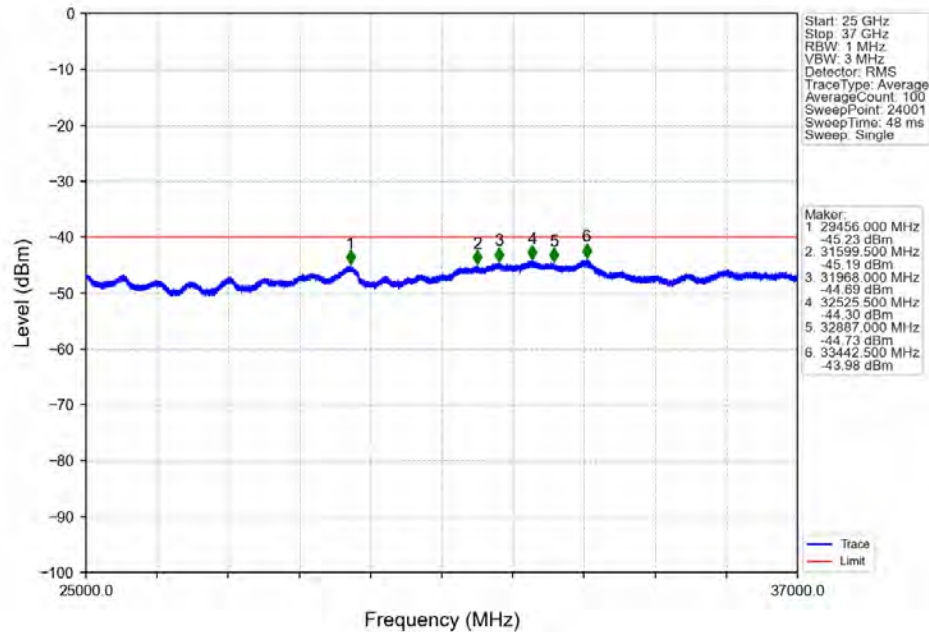
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Rev.: 01

Page: 240 of 337



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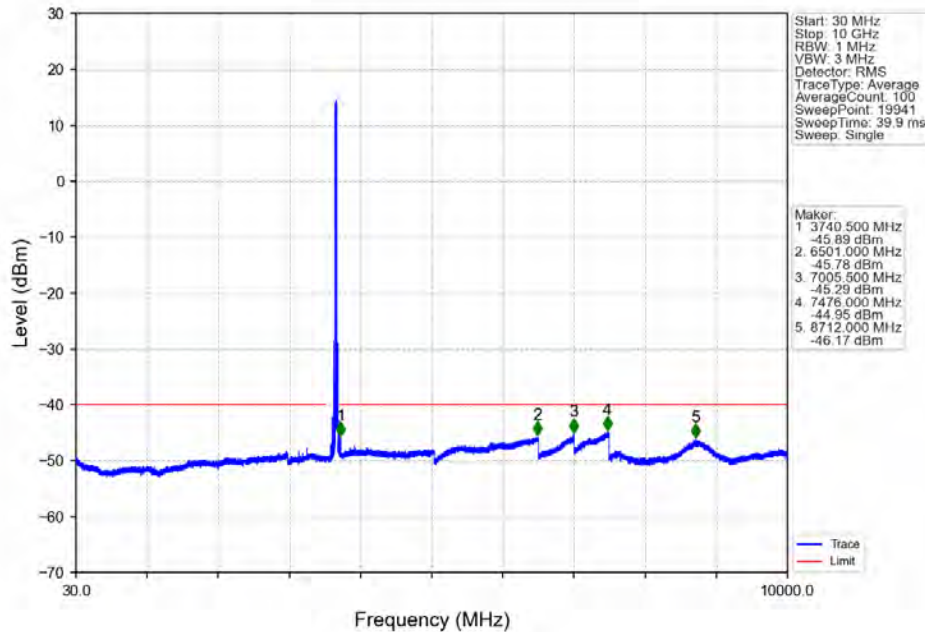
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Report No.: SUCR240100001701

Rev.: 01

Page: 241 of 337



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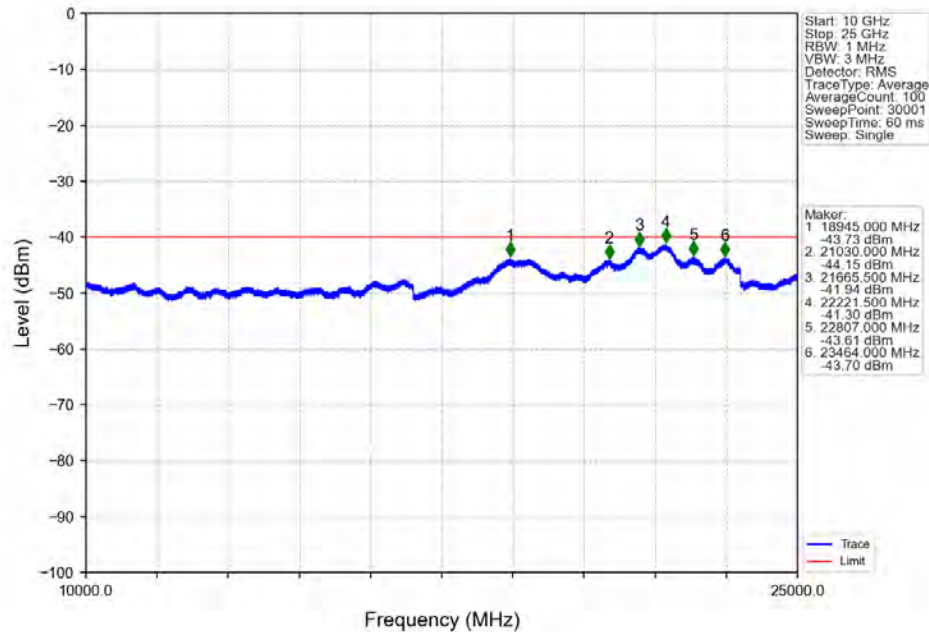
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Rev.: 01

Page: 242 of 337



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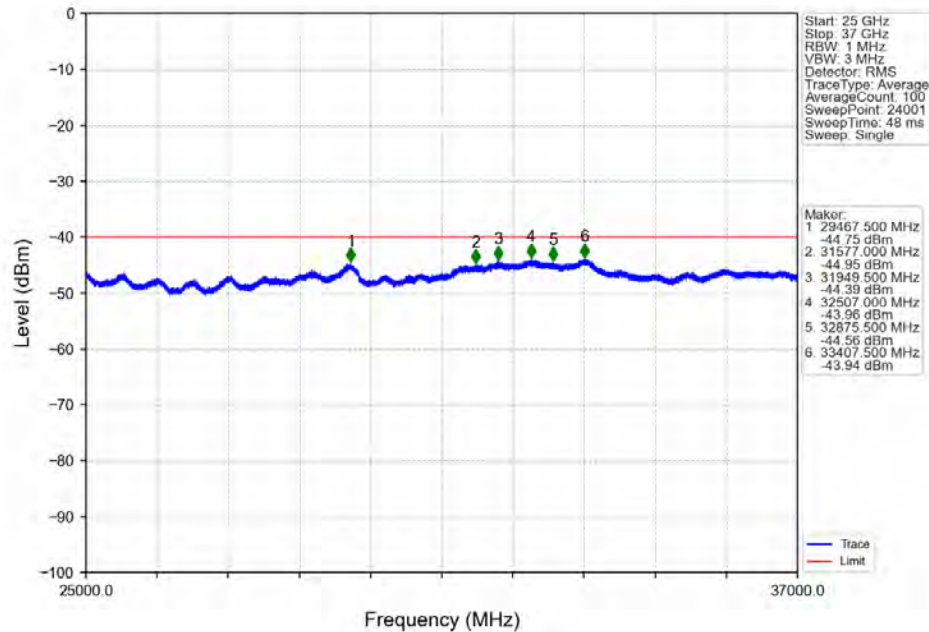
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Rev.: 01

Page: 243 of 337



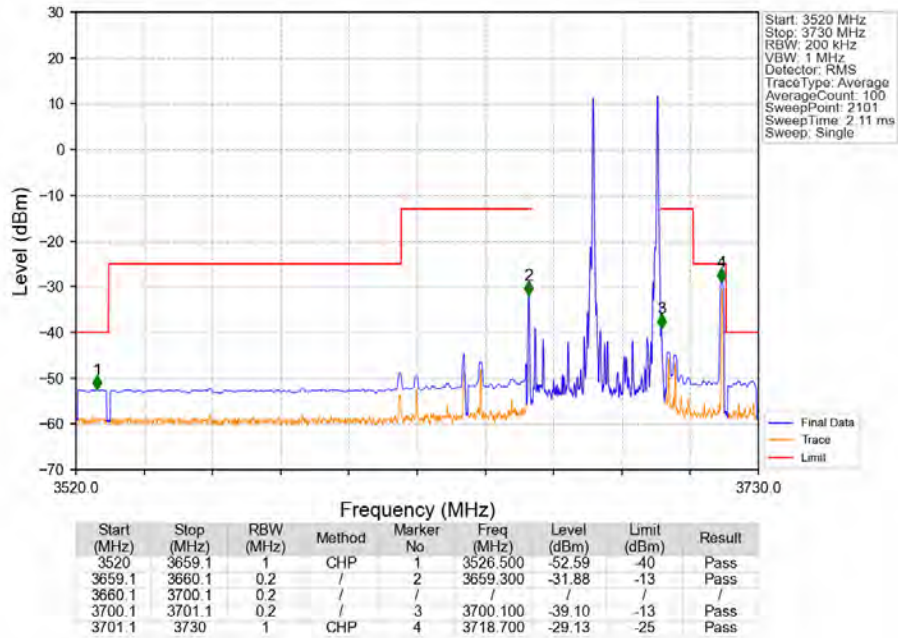
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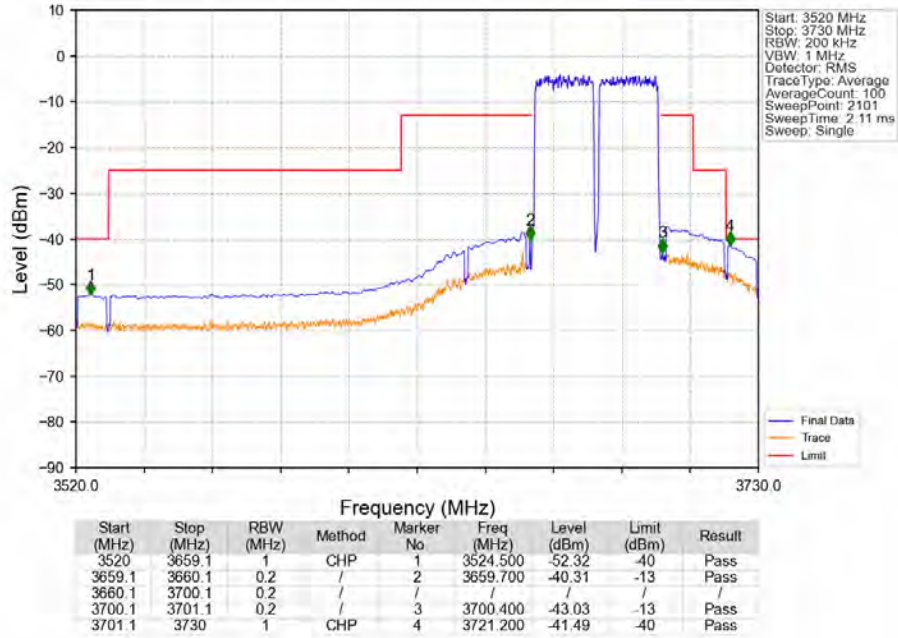
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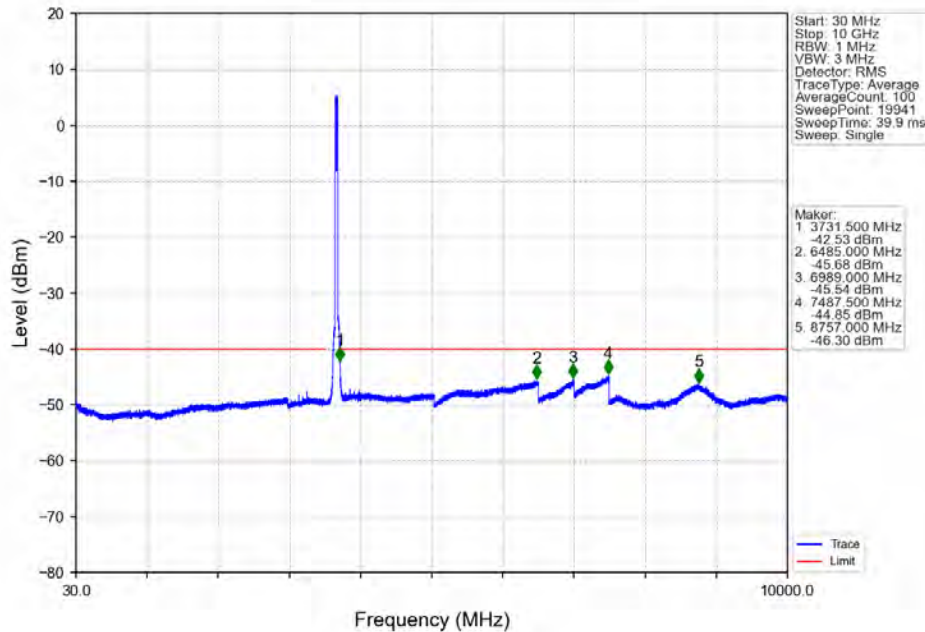
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Rev.: 01

Page: 246 of 337



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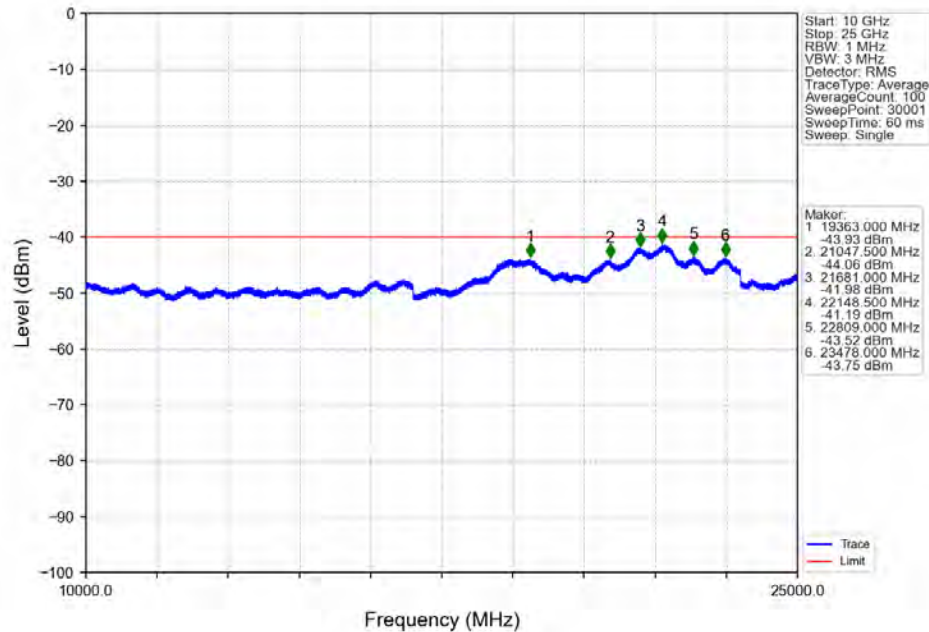
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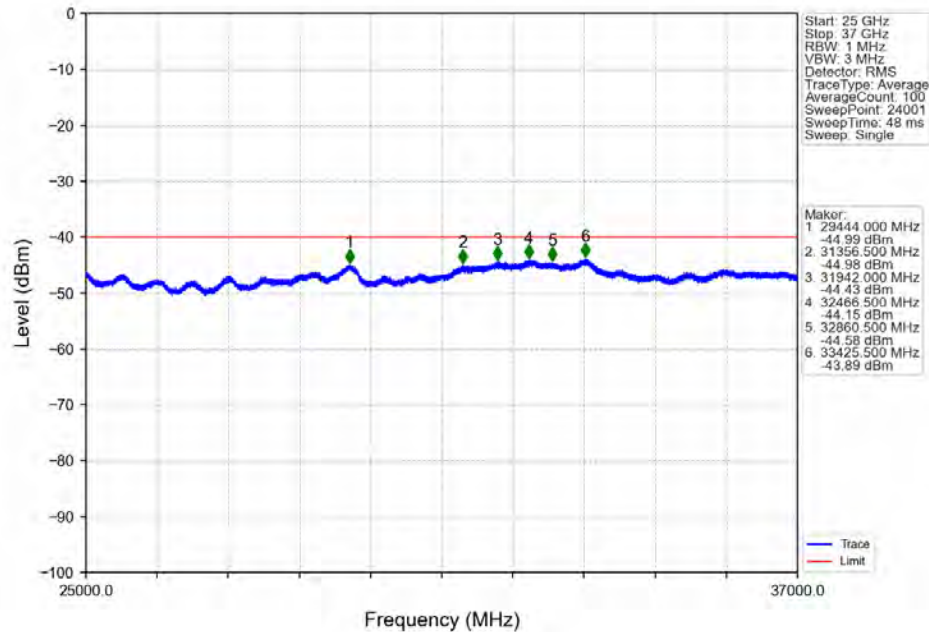
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4. Adjacent Channel Leakage Ratio

4.1 CA_48C_NTNV

4.1.1 Test Result

Band: CA_48C / NTN								
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 CC2:5	CC1: QPSK CC2:	CC1:3560 CC2:3571.7	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@99	Refer To Test Graph				Pass



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	QPSK	CC1:3685.8 CC2:3697.5	CC2: 1@24		
			CC1: 100@0 CC2: 25@0	Refer To Test Graph	Pass
			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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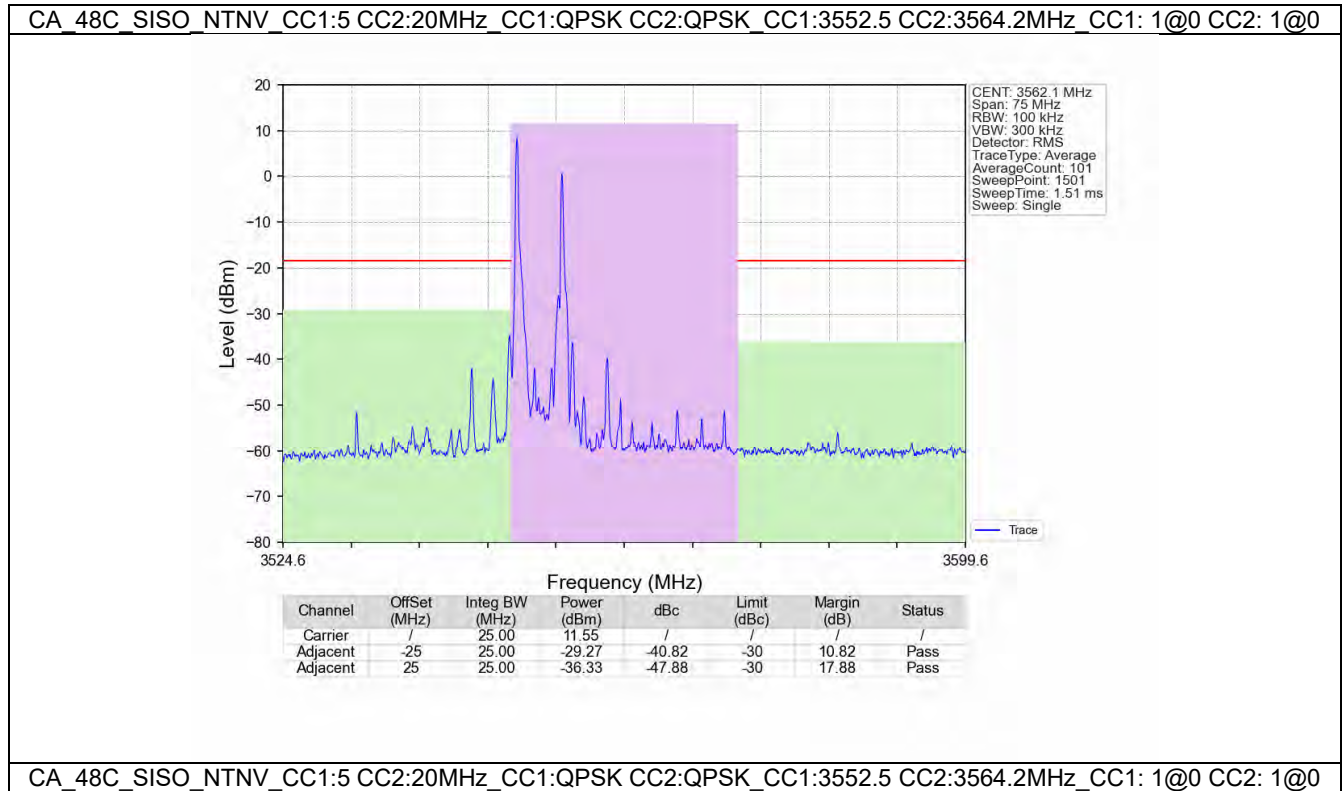
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Rev.: 01

Page: 251 of 337

4.1.2 Test Graph



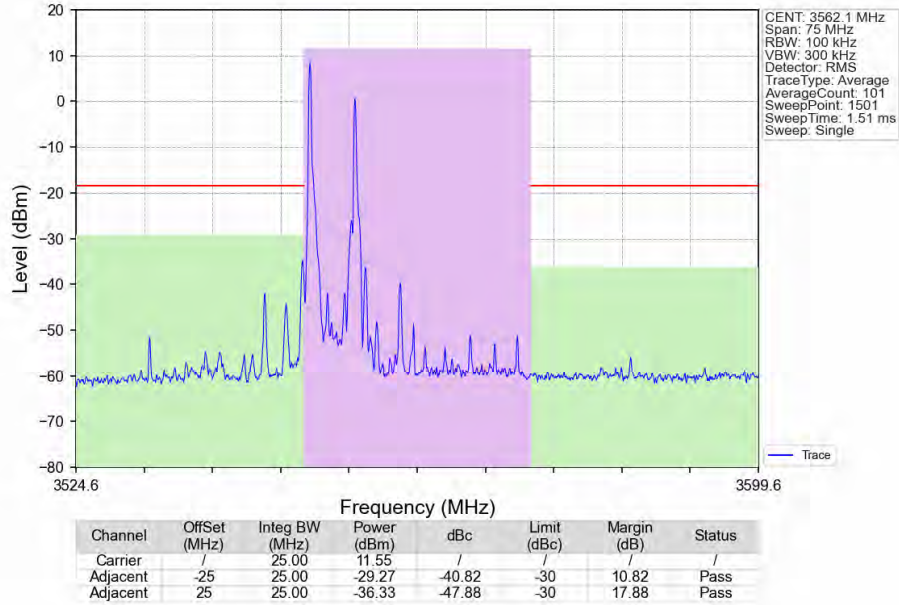
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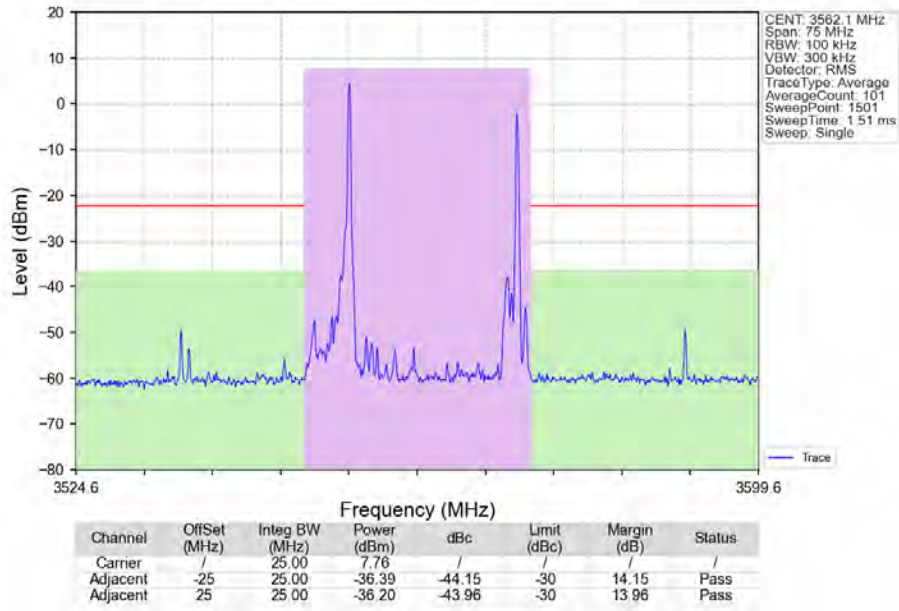
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Report No.: SUCR240100001701

Rev.: 01

Page: 253 of 337

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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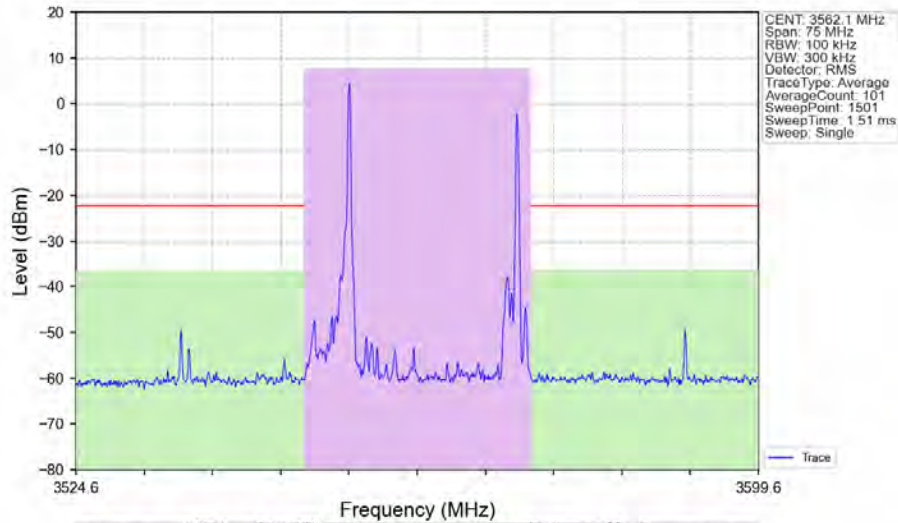
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Report No.: SUCR240100001701

Rev.: 01

Page: 254 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	7.76	/	/	/	/
Adjacent	-25	25.00	-36.39	-44.15	-30	14.15	Pass
Adjacent	25	25.00	-36.20	-43.96	-30	13.96	Pass



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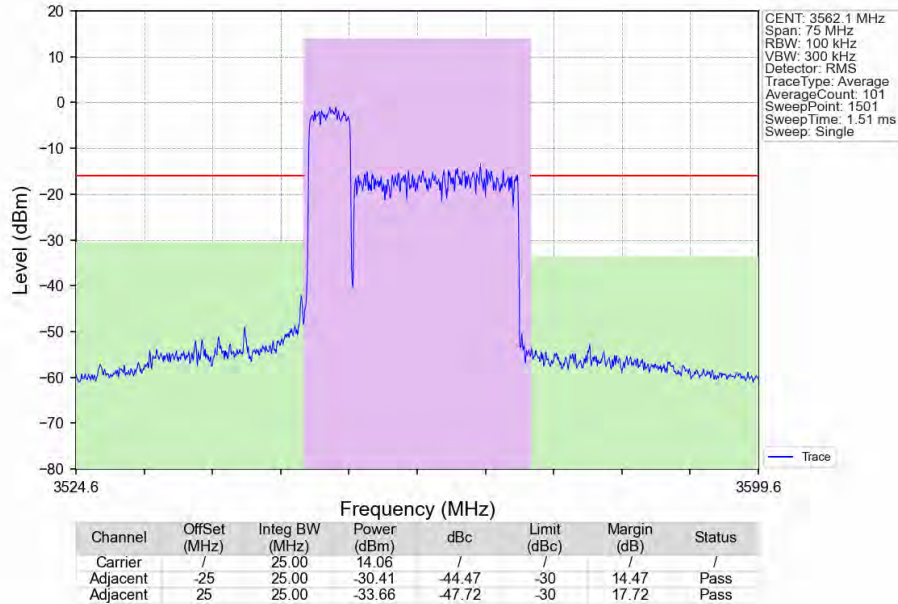
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Report No.: SUCR240100001701

Rev.: 01

Page: 255 of 337

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



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



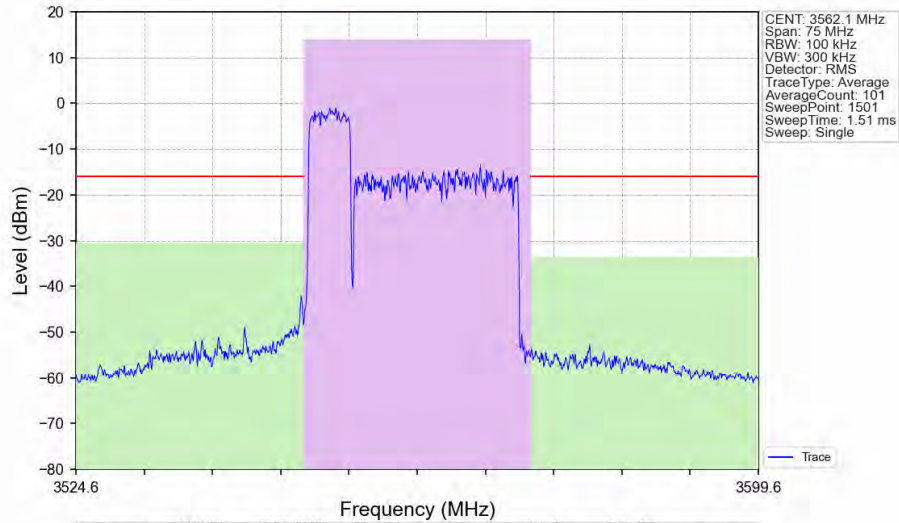
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Carrier	/	25.00	14.06	/	/	/	/
Adjacent	-25	25.00	-30.41	-44.47	-30	14.47	Pass
Adjacent	25	25.00	-33.66	-47.72	-30	17.72	Pass



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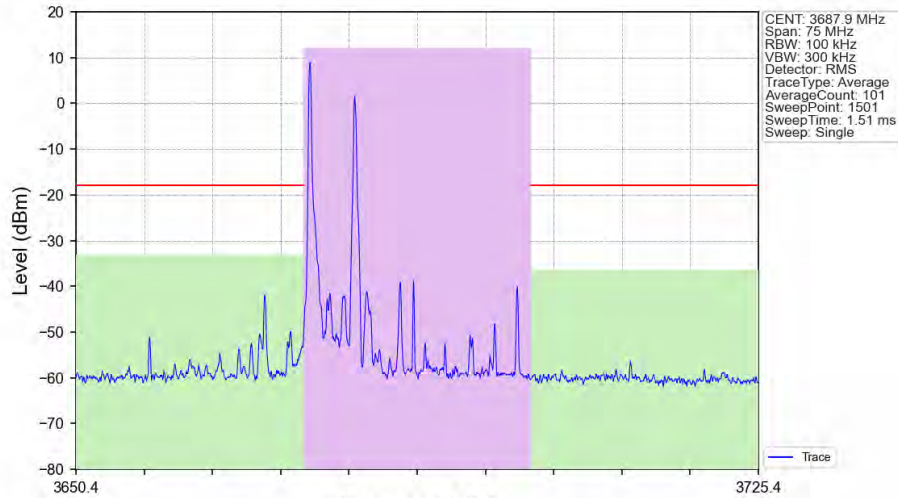
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Report No.: SUCR240100001701

Rev.: 01

Page: 257 of 337

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	12.07	/	/	/	/
Adjacent	-25	25.00	-33.04	-45.11	-30	15.11	Pass
Adjacent	25	25.00	-36.47	-48.54	-30	18.54	Pass

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



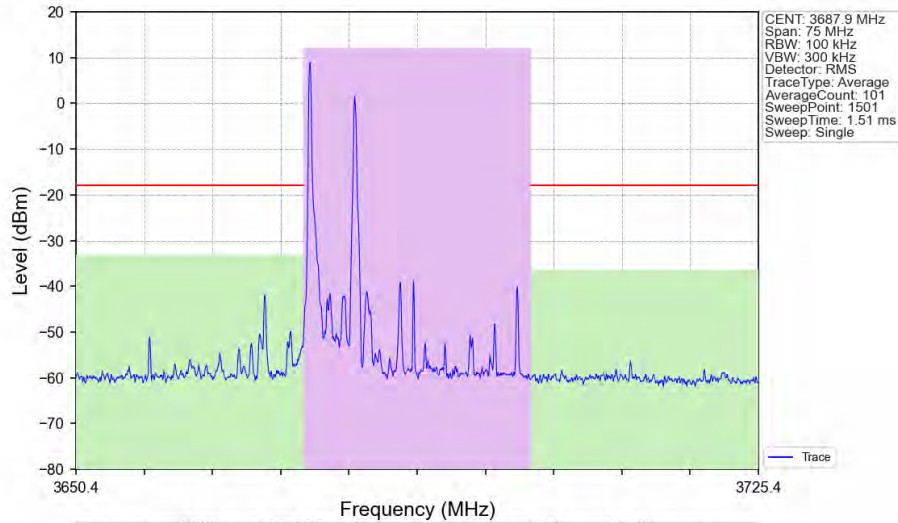
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Carrier	/	25.00	12.07	/	/	/	/
Adjacent	-25	25.00	-33.04	-45.11	-30	15.11	Pass
Adjacent	25	25.00	-36.47	-48.54	-30	18.54	Pass



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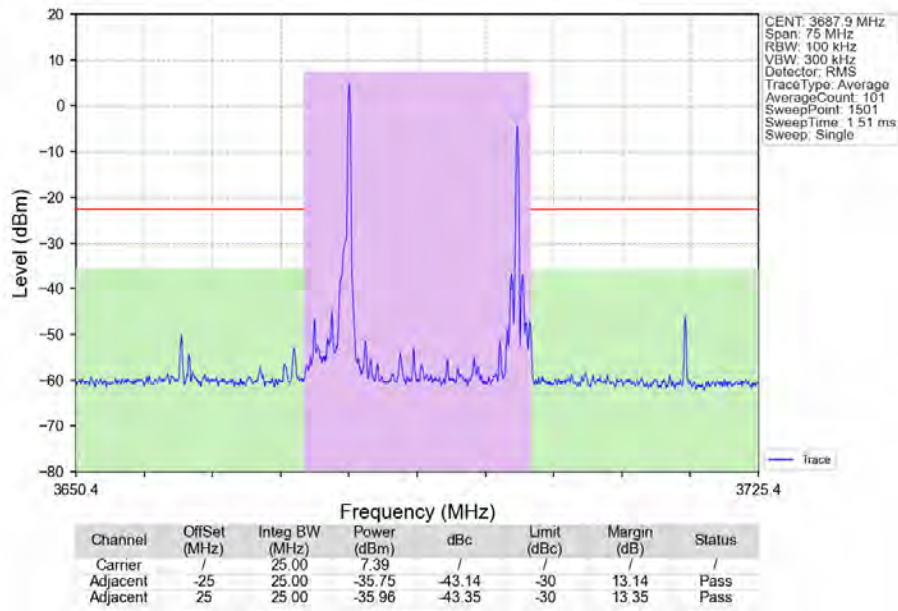
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Rev.: 01

Page: 259 of 337

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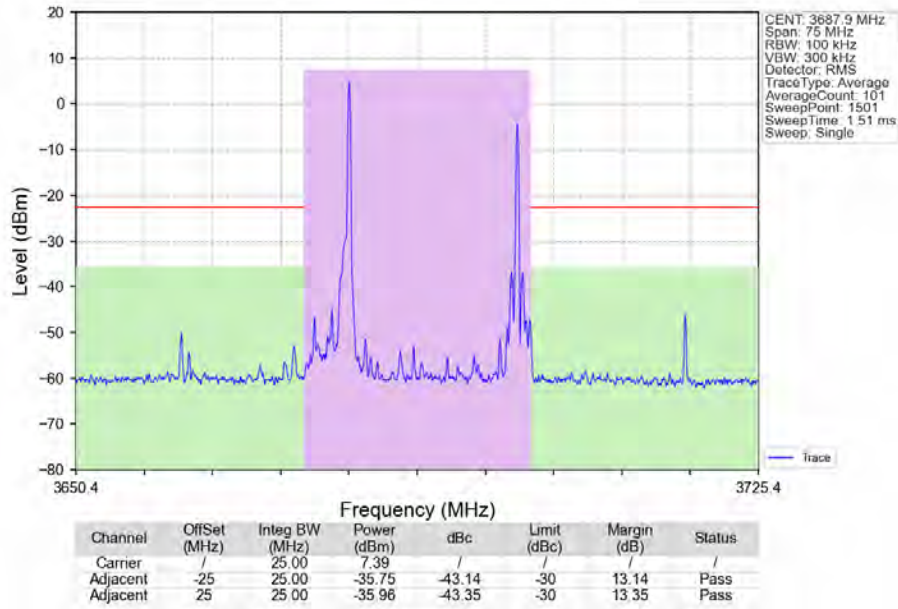
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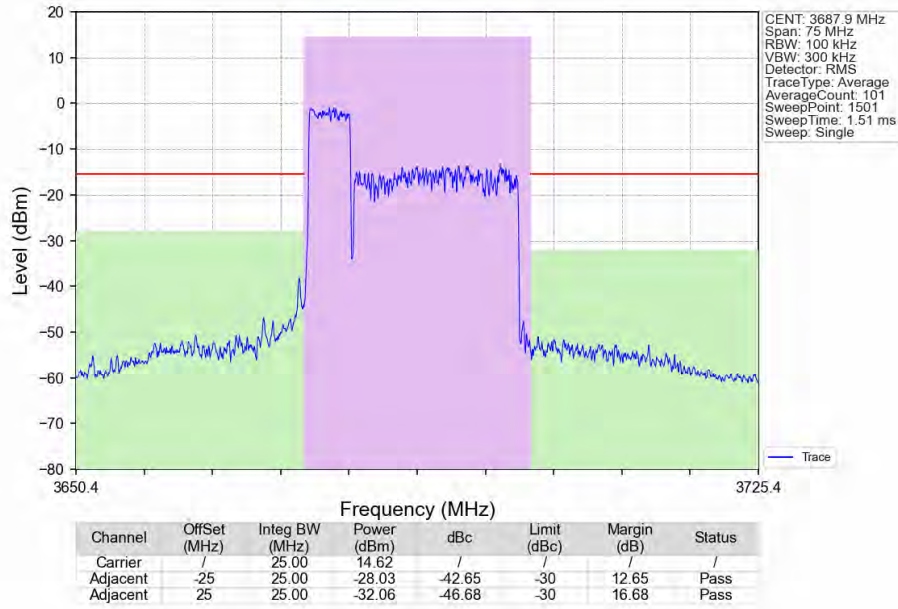
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Report No.: SUCR240100001701

Rev.: 01

Page: 261 of 337

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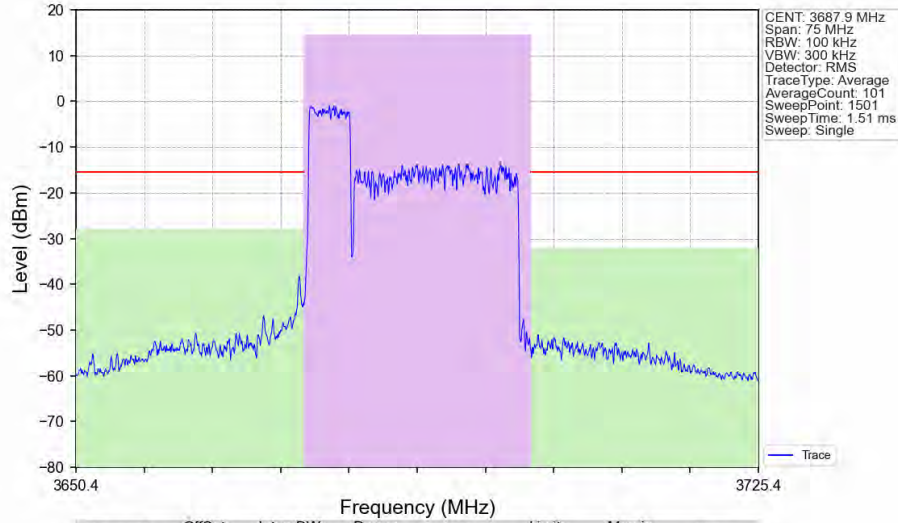
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Adjacent	-25	25.00	-28.03	-42.65	-30	12.65	Pass
Adjacent	25	25.00	-32.06	-46.68	-30	16.68	Pass



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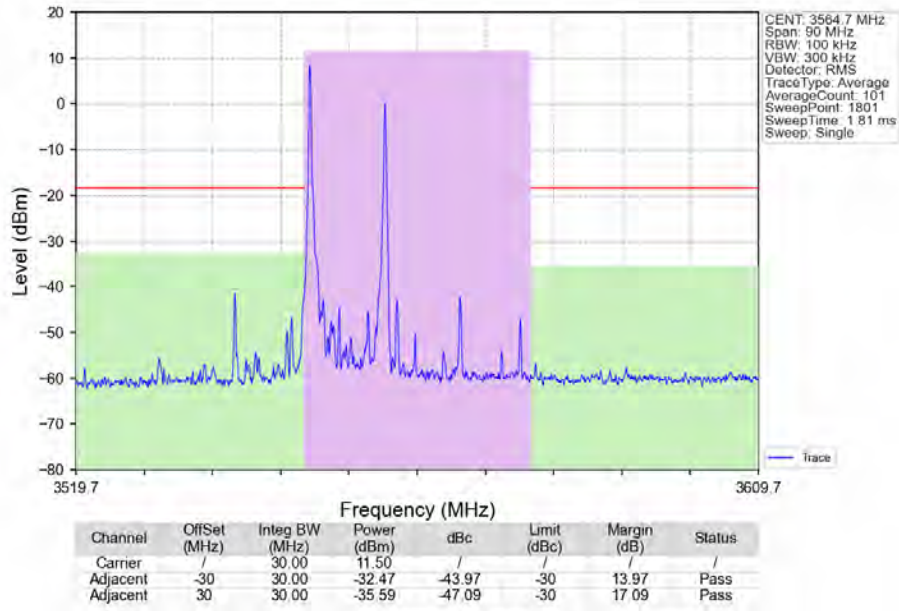
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Report No.: SUCR240100001701

Rev.: 01

Page: 263 of 337

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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



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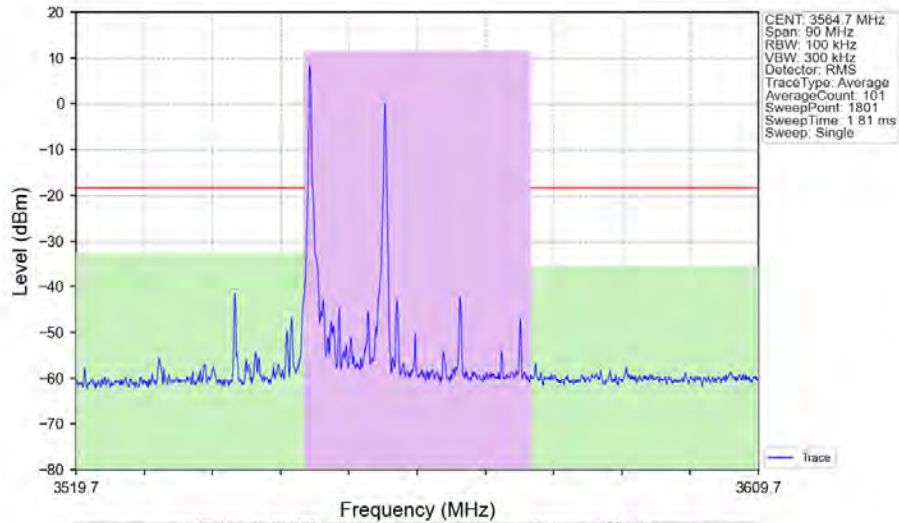
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Report No.: SUCR240100001701

Rev.: 01

Page: 264 of 337



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	11.50	/	/	/	/
Adjacent	-30	30.00	-32.47	-43.97	-30	13.97	Pass
Adjacent	30	30.00	-35.59	-47.09	-30	17.09	Pass



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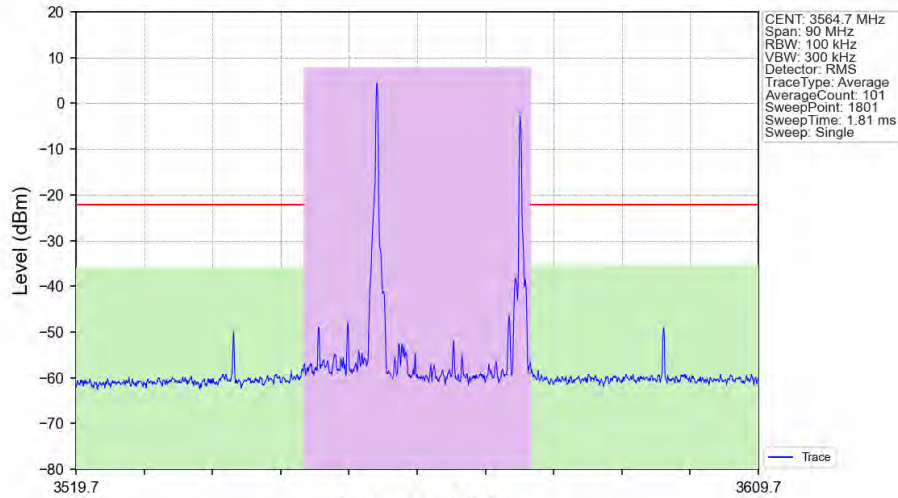
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Report No.: SUCR240100001701

Rev.: 01

Page: 265 of 337

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



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	7.86	/	/	/	/
Adjacent	-30	30.00	-35.99	-43.85	-30	13.85	Pass
Adjacent	30	30.00	-35.45	-43.31	-30	13.31	Pass

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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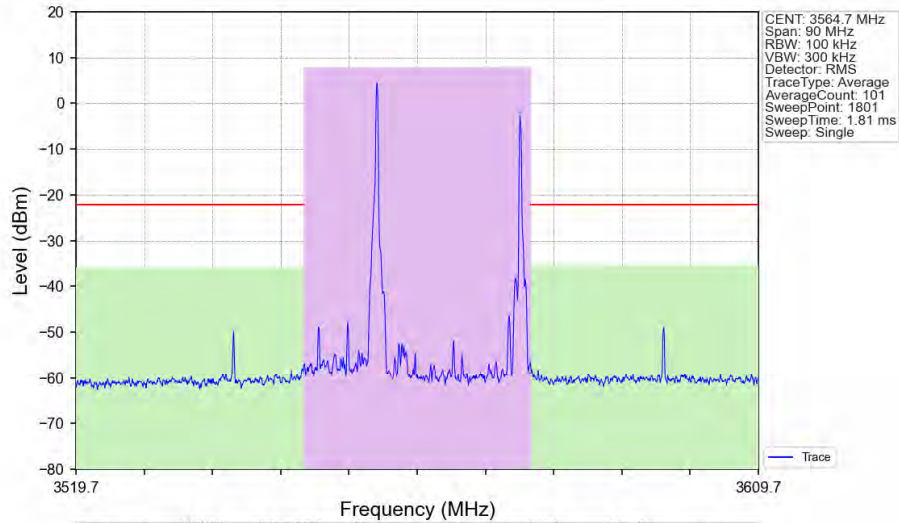
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Report No.: SUCR240100001701

Rev.: 01

Page: 266 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	7.86	/	/	/	/
Adjacent	-30	30.00	-35.99	-43.85	-30	13.85	Pass
Adjacent	30	30.00	-35.45	-43.31	-30	13.31	Pass



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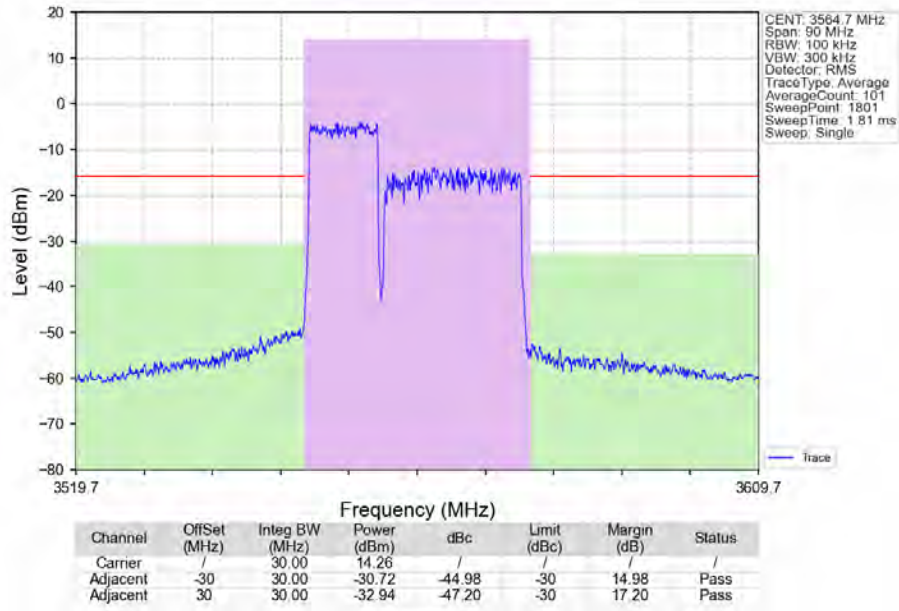
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Report No.: SUCR240100001701

Rev.: 01

Page: 267 of 337

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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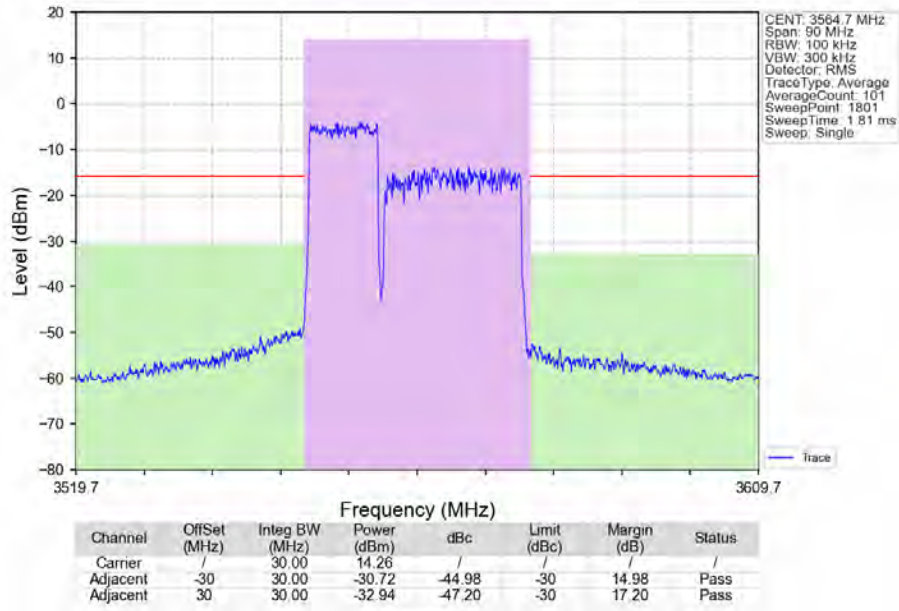
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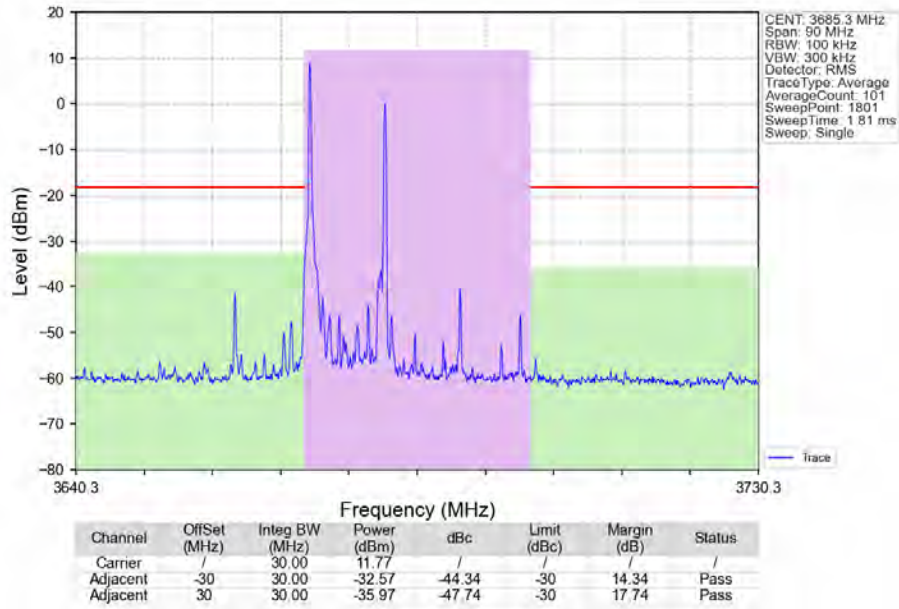
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Report No.: SUCR240100001701

Rev.: 01

Page: 269 of 337

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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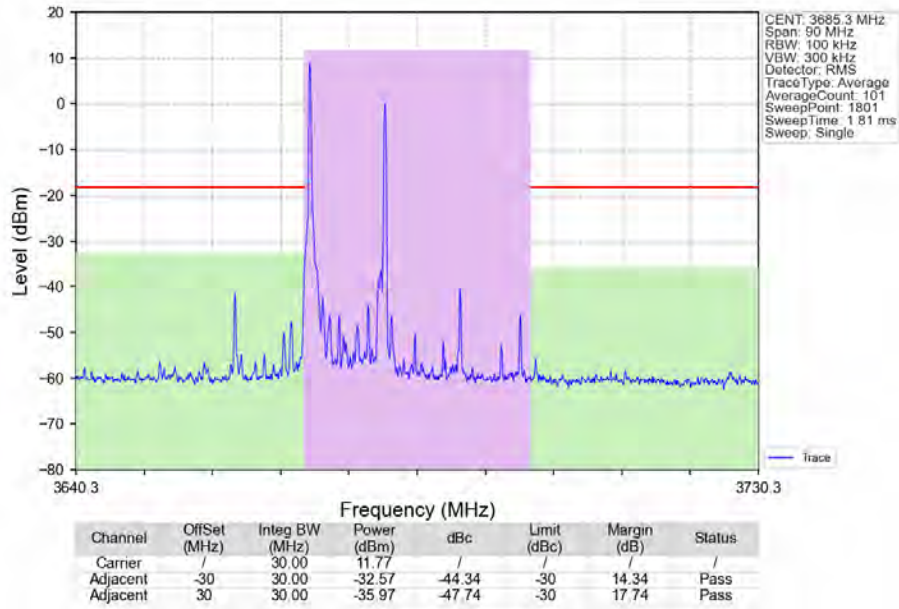
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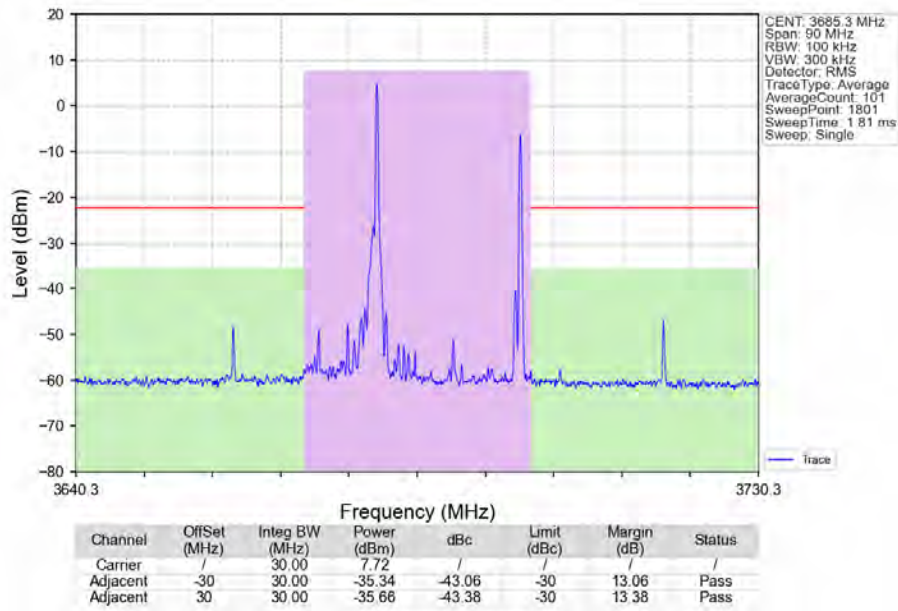
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Report No.: SUCR240100001701

Rev.: 01

Page: 271 of 337

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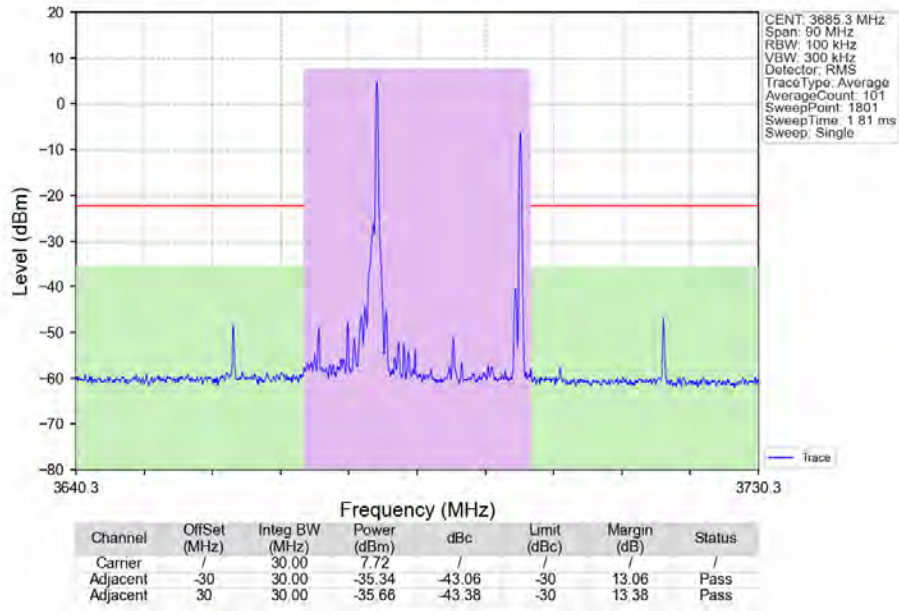
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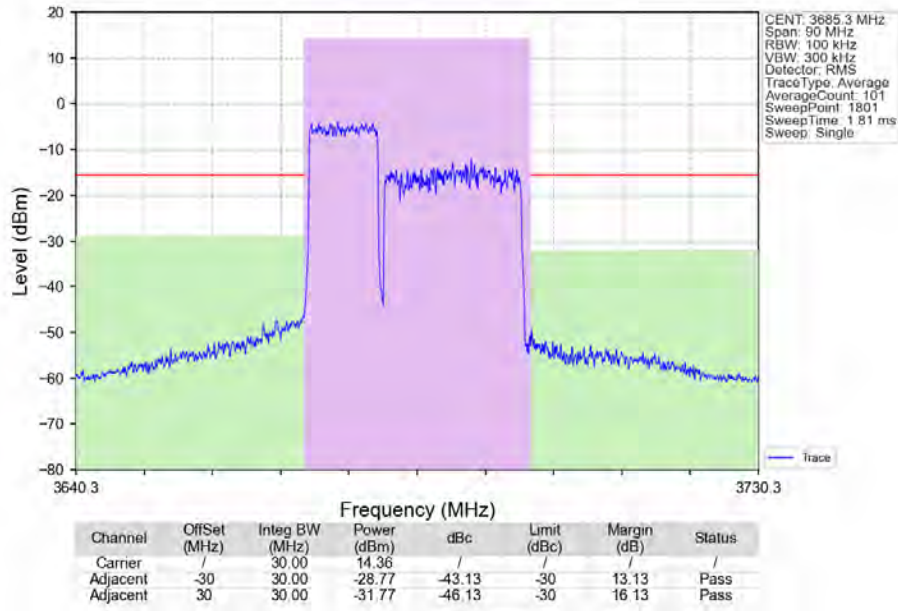
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Report No.: SUCR240100001701

Rev.: 01

Page: 273 of 337

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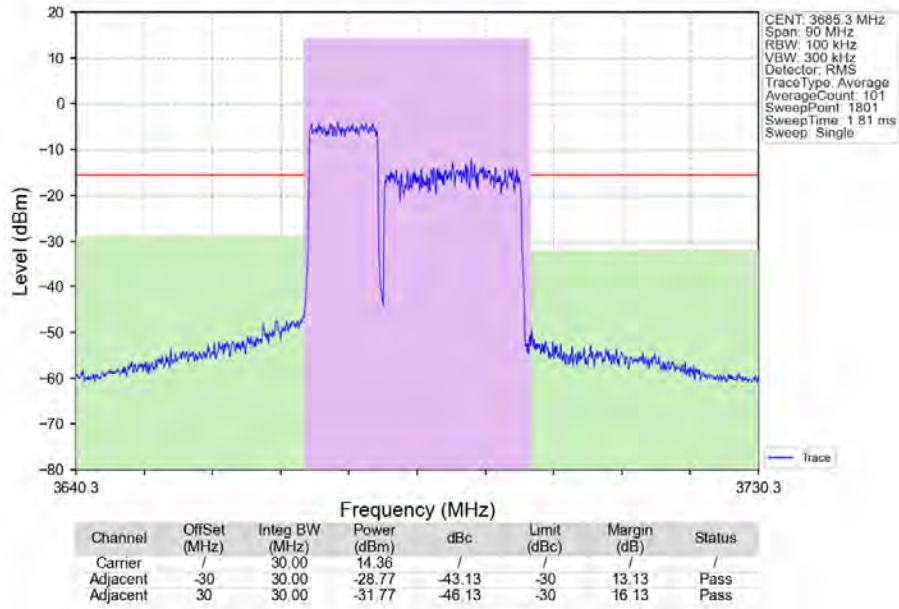
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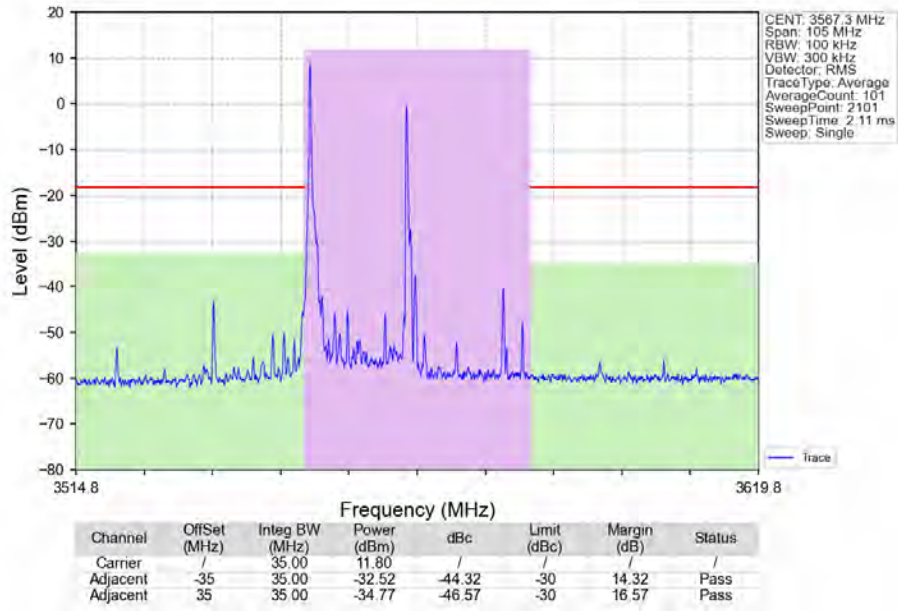
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Report No.: SUCR240100001701

Rev.: 01

Page: 275 of 337

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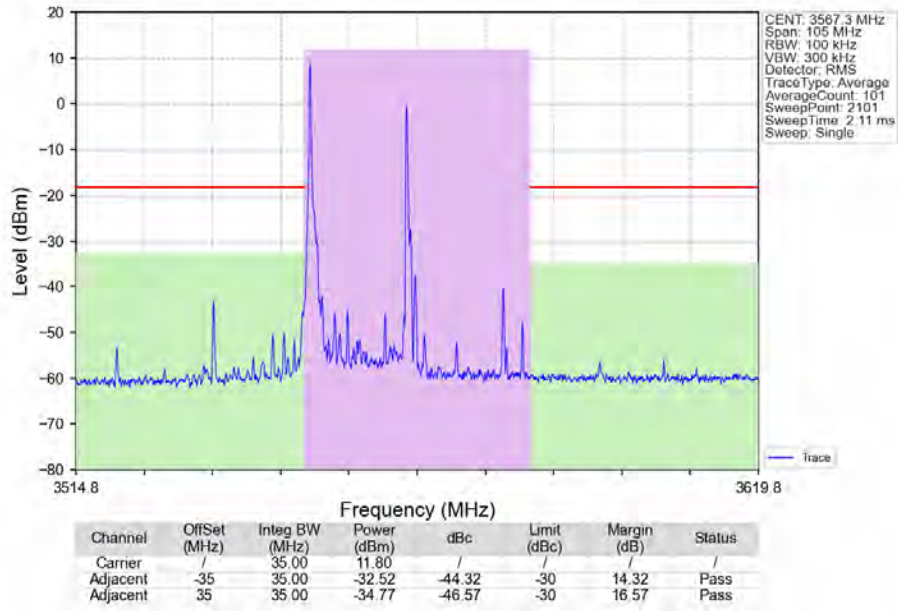
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Report No.: SUCR240100001701

Rev.: 01

Page: 276 of 337



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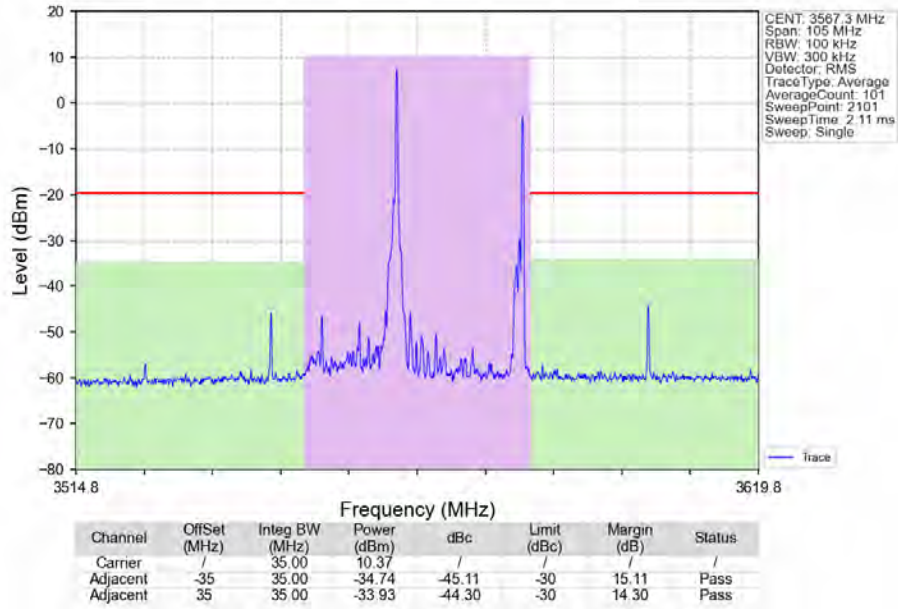
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Report No.: SUCR240100001701

Rev.: 01

Page: 277 of 337

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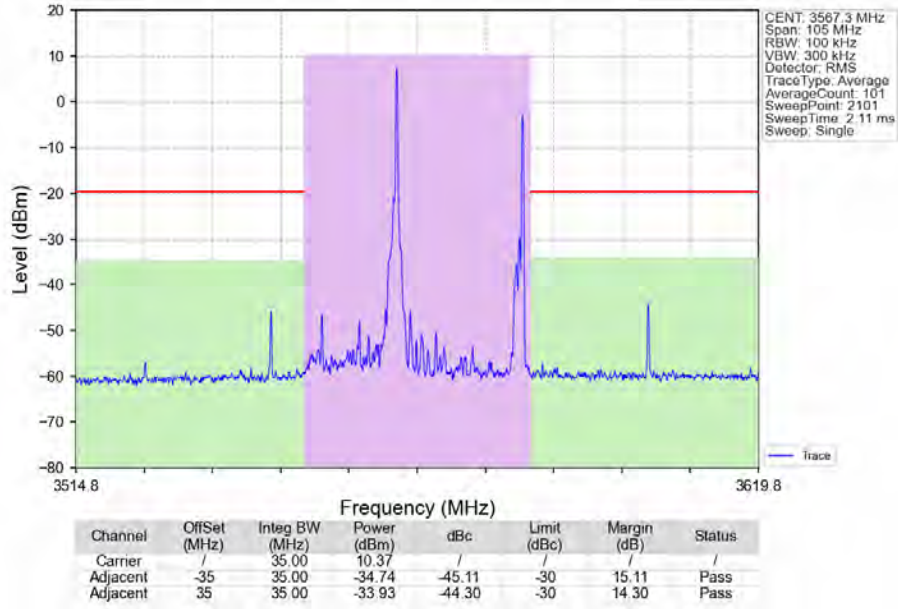
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Rev.: 01

Page: 278 of 337



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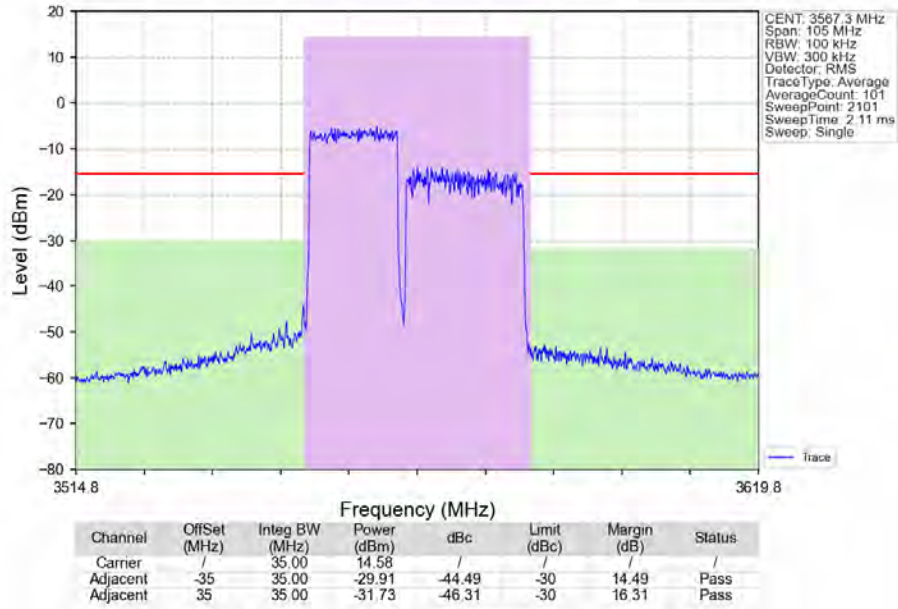
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Report No.: SUCR240100001701

Rev.: 01

Page: 279 of 337

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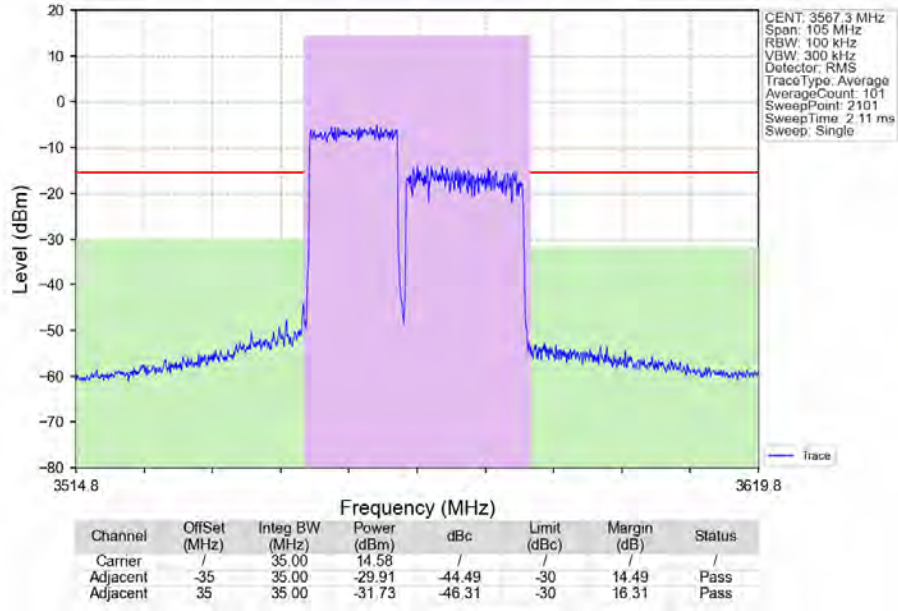
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Page: 280 of 337



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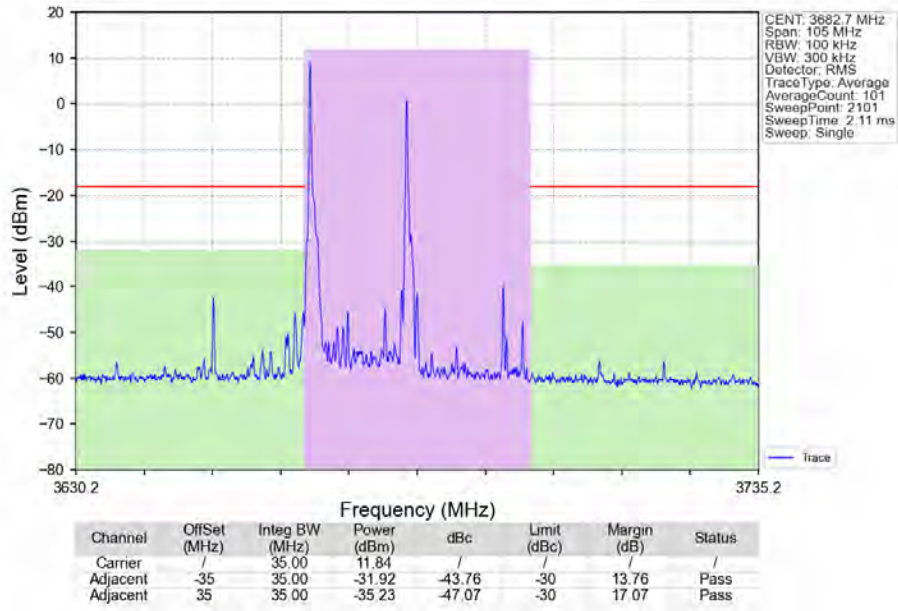
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Report No.: SUCR240100001701

Rev.: 01

Page: 281 of 337

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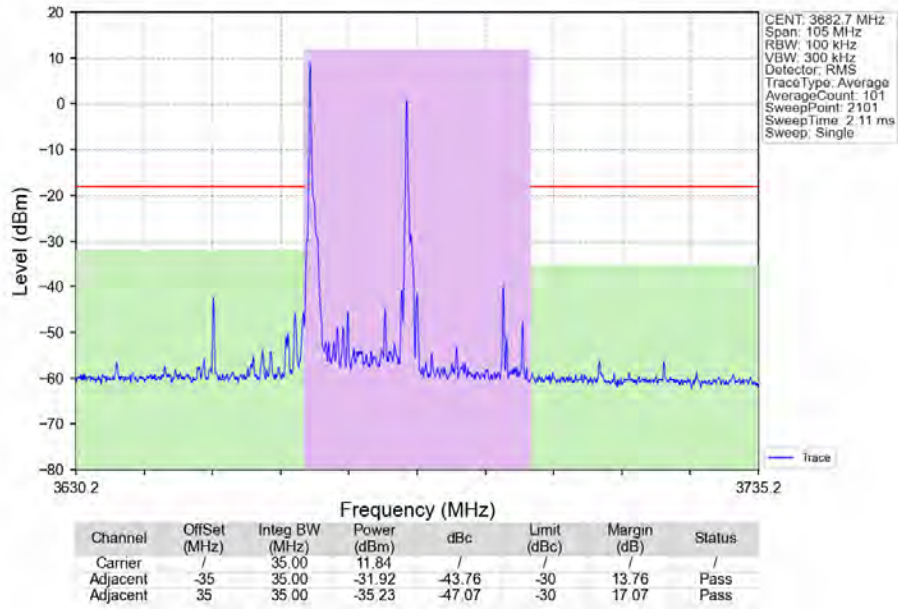
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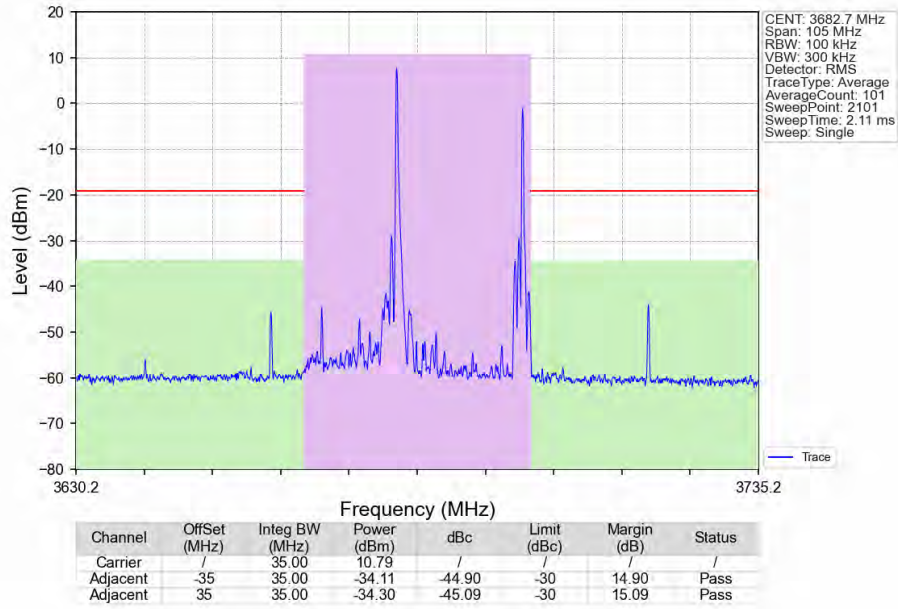
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Report No.: SUCR240100001701

Rev.: 01

Page: 283 of 337

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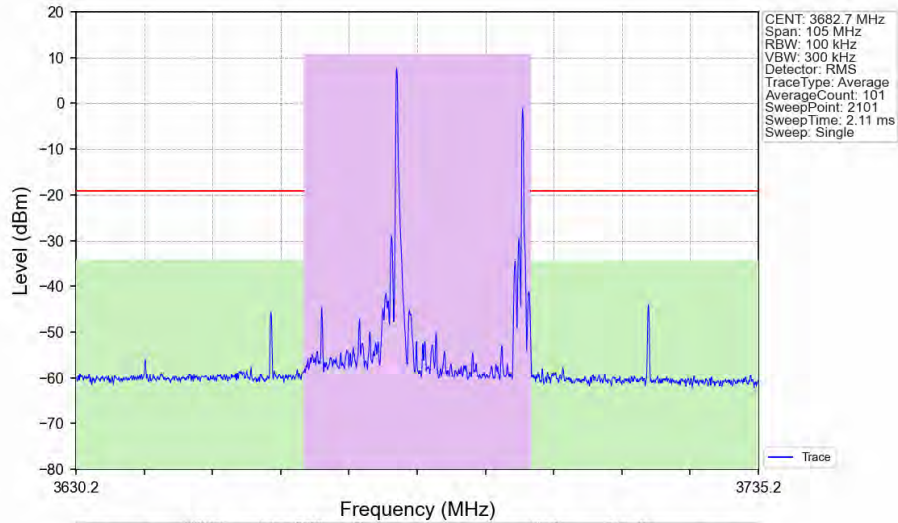
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Adjacent	-35	35.00	-34.11	-44.90	-30	14.90	Pass
Adjacent	35	35.00	-34.30	-45.09	-30	15.09	Pass



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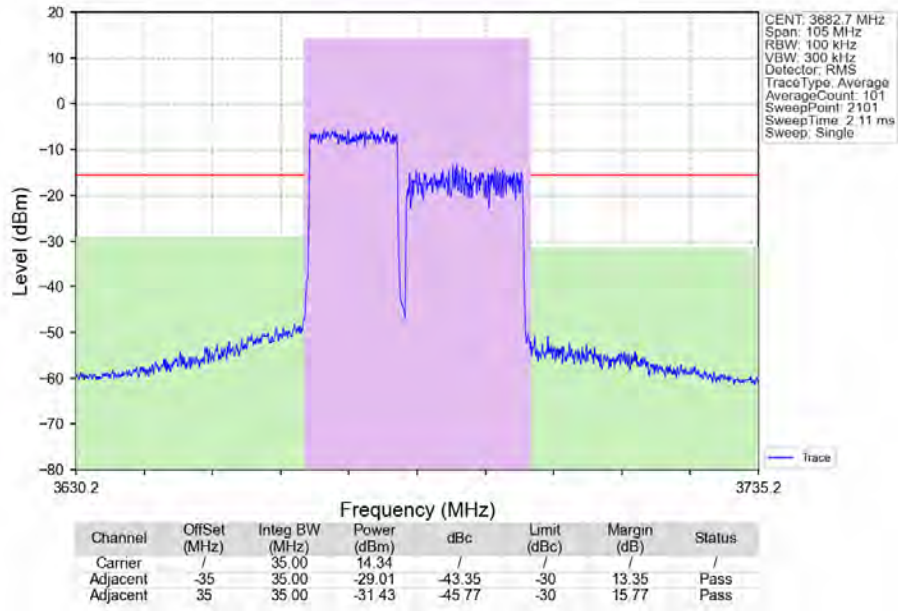
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Report No.: SUCR240100001701

Rev.: 01

Page: 285 of 337

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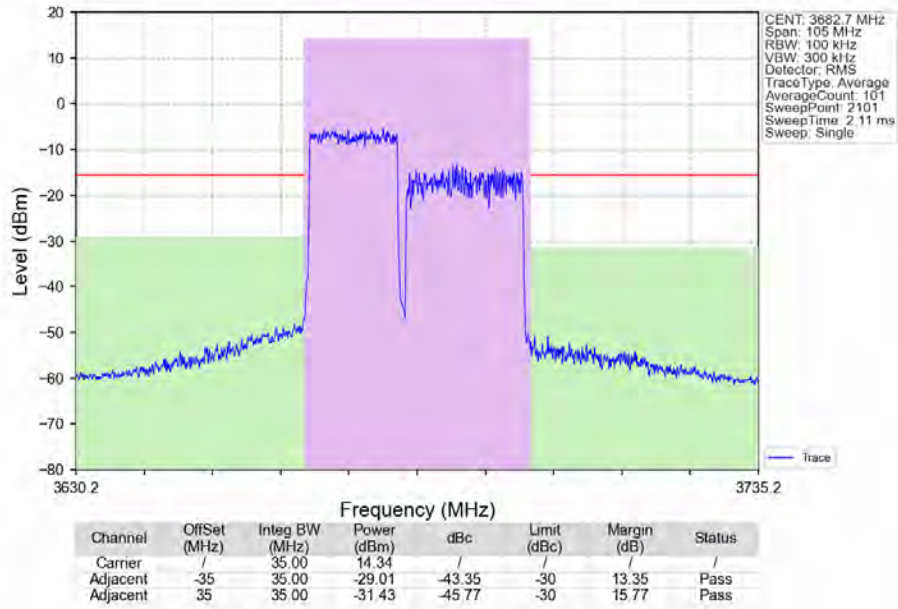
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Rev.: 01

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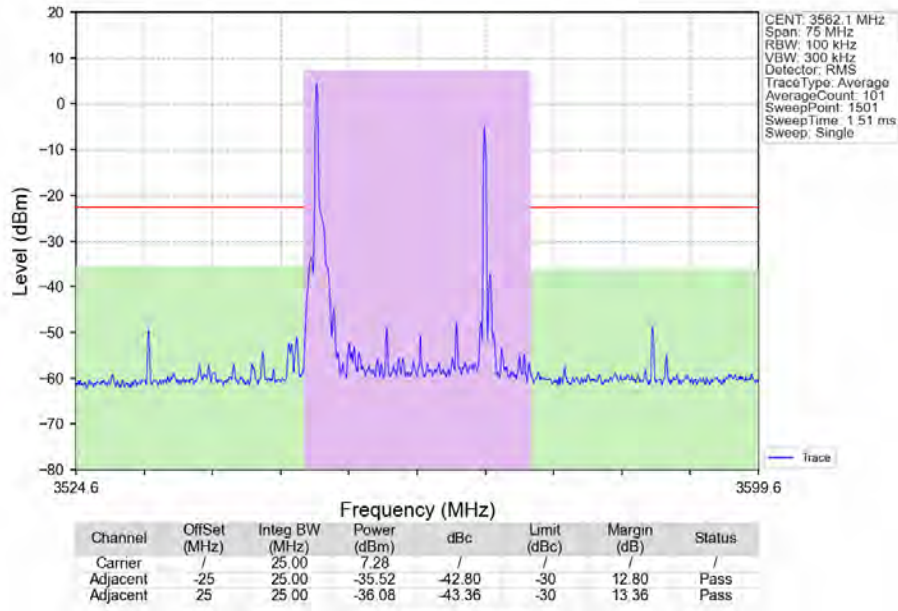
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Report No.: SUCR240100001701

Rev.: 01

Page: 287 of 337

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



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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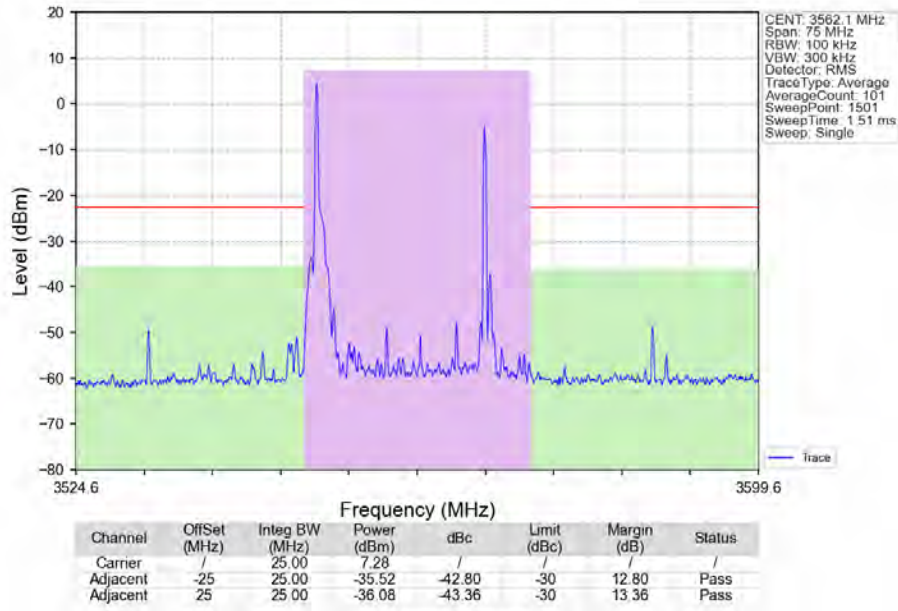
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Report No.: SUCR240100001701

Rev.: 01

Page: 288 of 337



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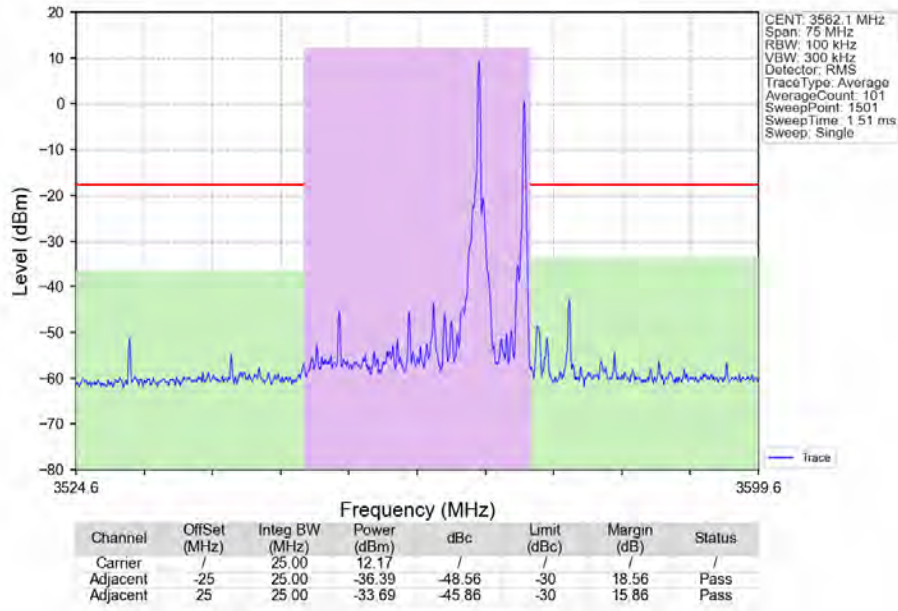
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Report No.: SUCR240100001701

Rev.: 01

Page: 289 of 337

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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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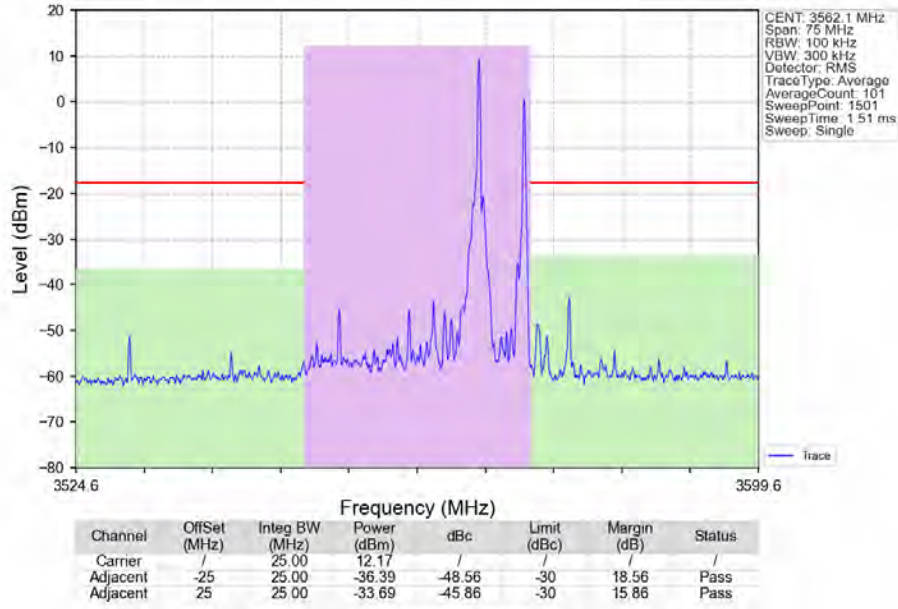
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Rev.: 01

Page: 290 of 337



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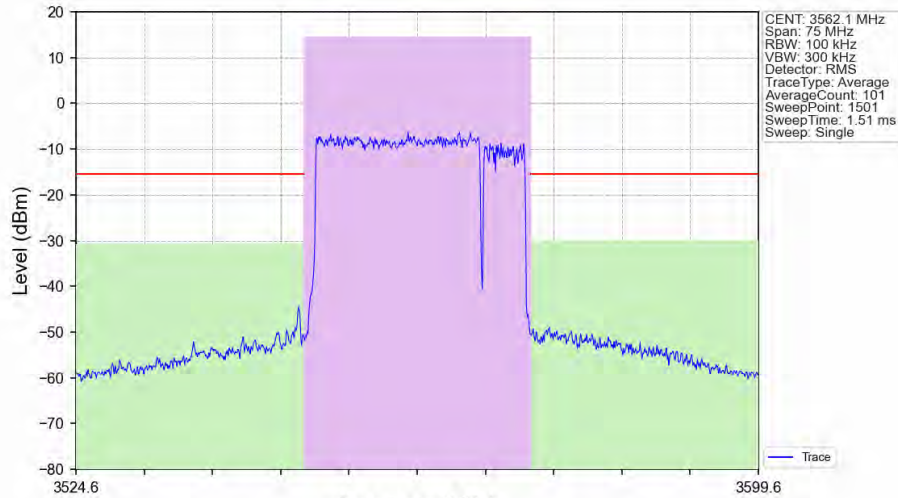
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Report No.: SUCR240100001701

Rev.: 01

Page: 291 of 337

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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	14.52	/	/	/	/
Adjacent	-25	25.00	-30.74	-45.26	-30	15.26	Pass
Adjacent	25	25.00	-29.93	-44.45	-30	14.45	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3571.7MHz_CC1: 100@0_CC2: 25@0



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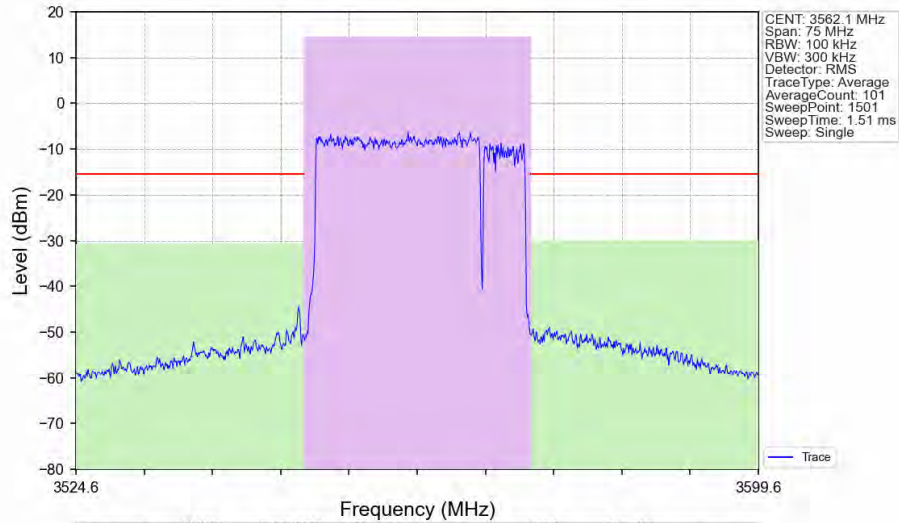
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Report No.: SUCR240100001701

Rev.: 01

Page: 292 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	25.00	14.52	/	/	/	/
Adjacent	-25	25.00	-30.74	-45.26	-30	15.26	Pass
Adjacent	25	25.00	-29.93	-44.45	-30	14.45	Pass



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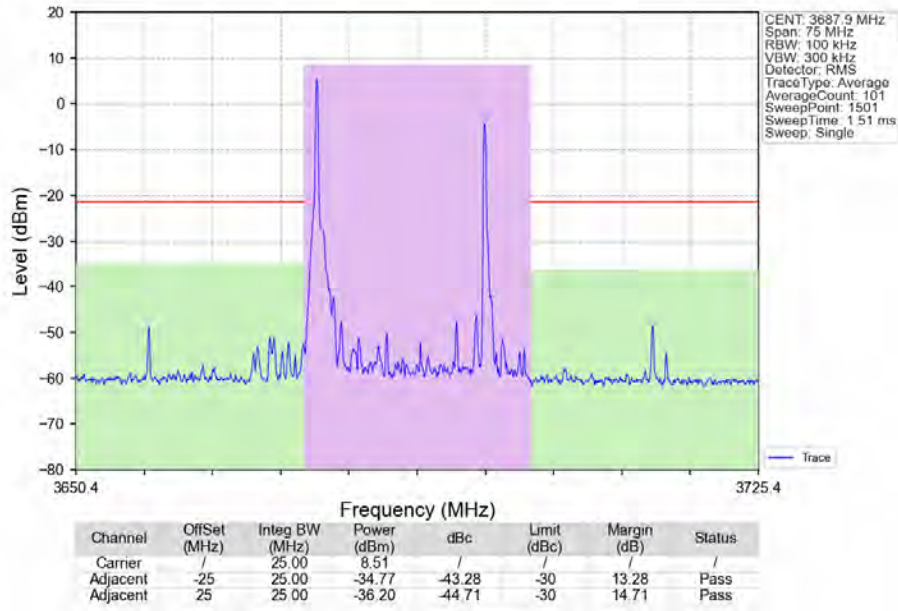
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Report No.: SUCR240100001701

Rev.: 01

Page: 293 of 337

CA_48C_SISO_NTNV_CC1:20 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:3685.8 CC2:3697.5MHz_CC1: 1@0 CC2: 1@0



CA_48C_SISO_NTNV_CC1:20 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:3685.8 CC2:3697.5MHz_CC1: 1@0 CC2: 1@0



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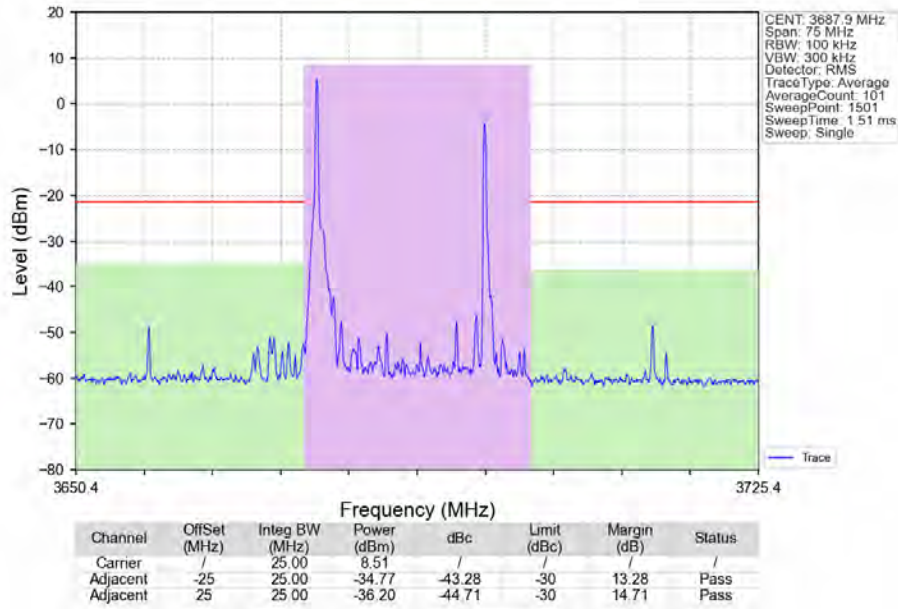
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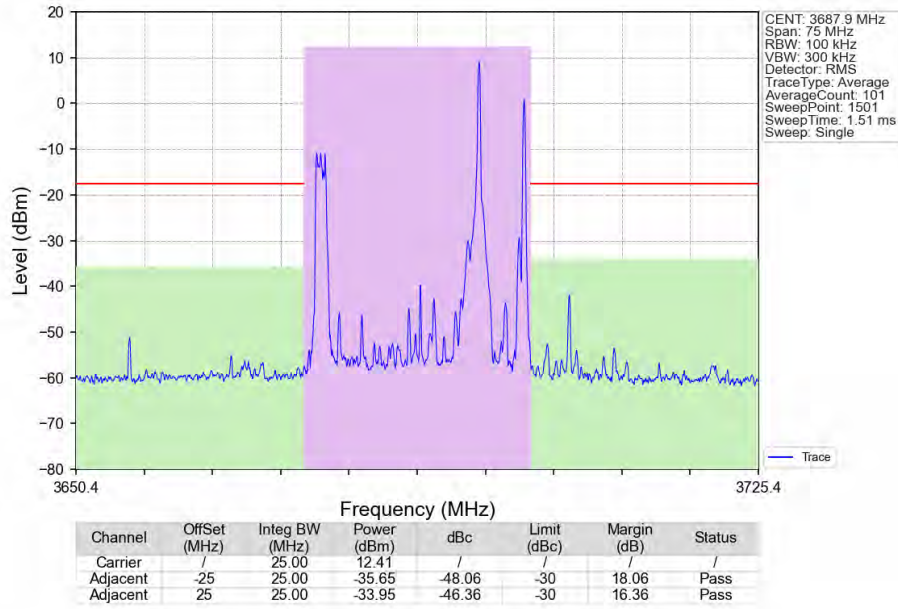
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Report No.: SUCR240100001701

Rev.: 01

Page: 295 of 337

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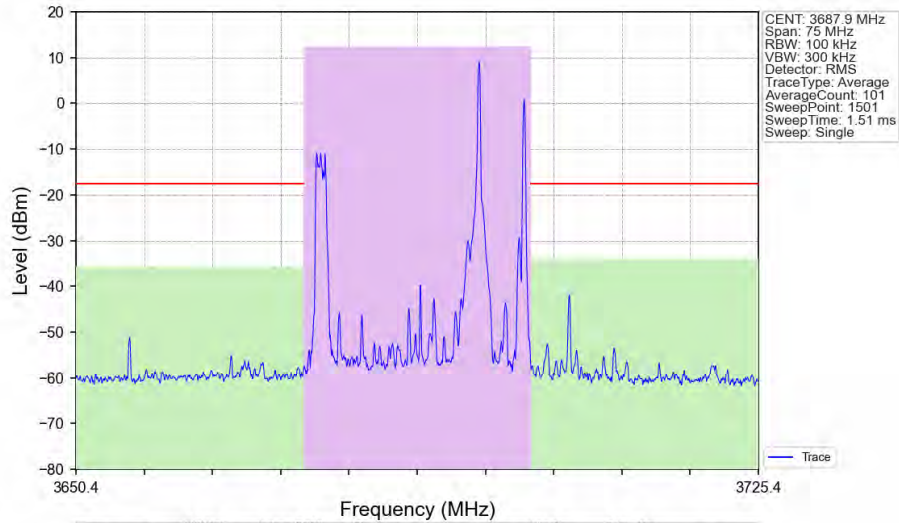
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Report No.: SUCR240100001701

Rev.: 01

Page: 296 of 337



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Carrier	/	25.00	12.41	/	/	/	/
Adjacent	-25	25.00	-35.65	-48.06	-30	18.06	Pass
Adjacent	25	25.00	-33.95	-46.36	-30	16.36	Pass



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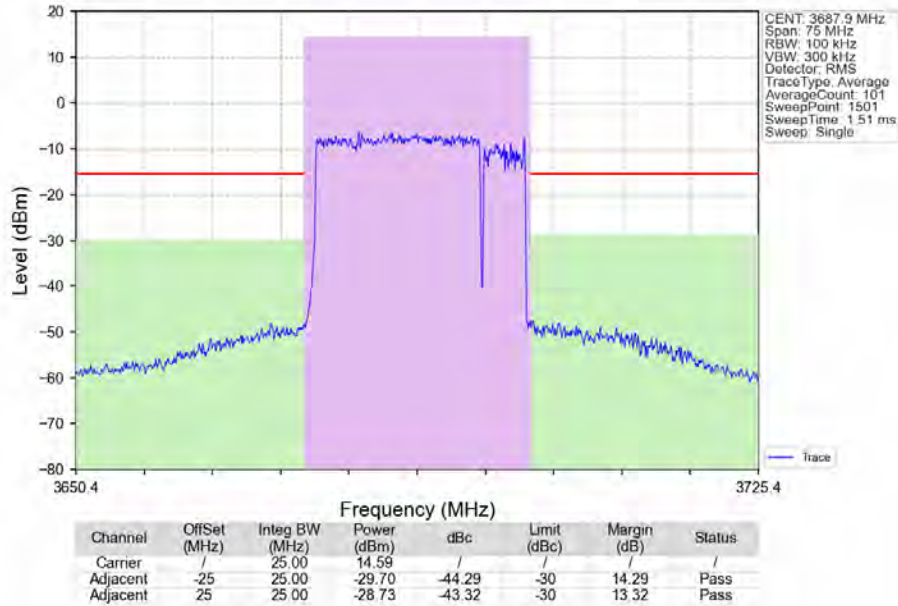
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Report No.: SUCR240100001701

Rev.: 01

Page: 297 of 337

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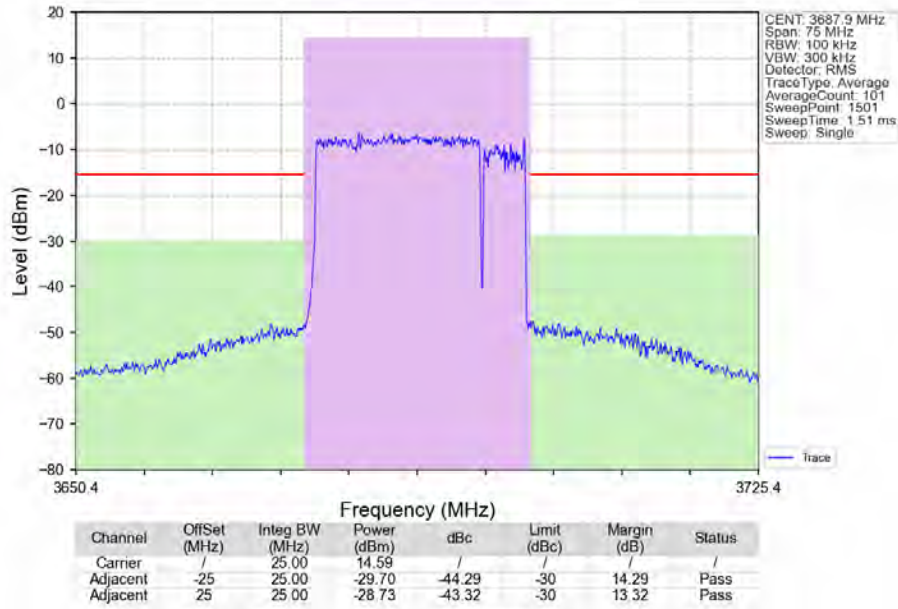
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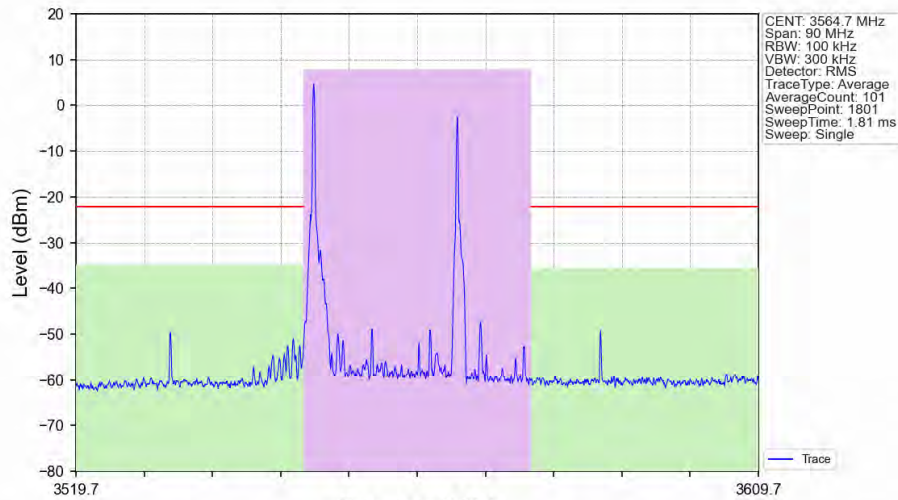
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Report No.: SUCR240100001701

Rev.: 01

Page: 299 of 337

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



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	7.77	/	/	/	/
Adjacent	-30	30.00	-34.88	-42.65	-30	12.65	Pass
Adjacent	30	30.00	-35.59	-43.36	-30	13.36	Pass

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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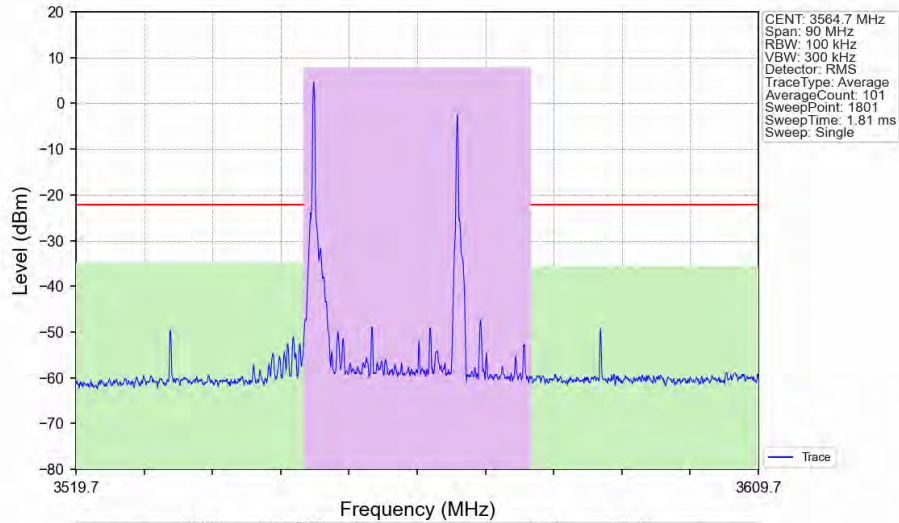
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Report No.: SUCR240100001701

Rev.: 01

Page: 300 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	7.77	/	/	/	/
Adjacent	-30	30.00	-34.88	-42.65	-30	12.65	Pass
Adjacent	30	30.00	-35.59	-43.36	-30	13.36	Pass



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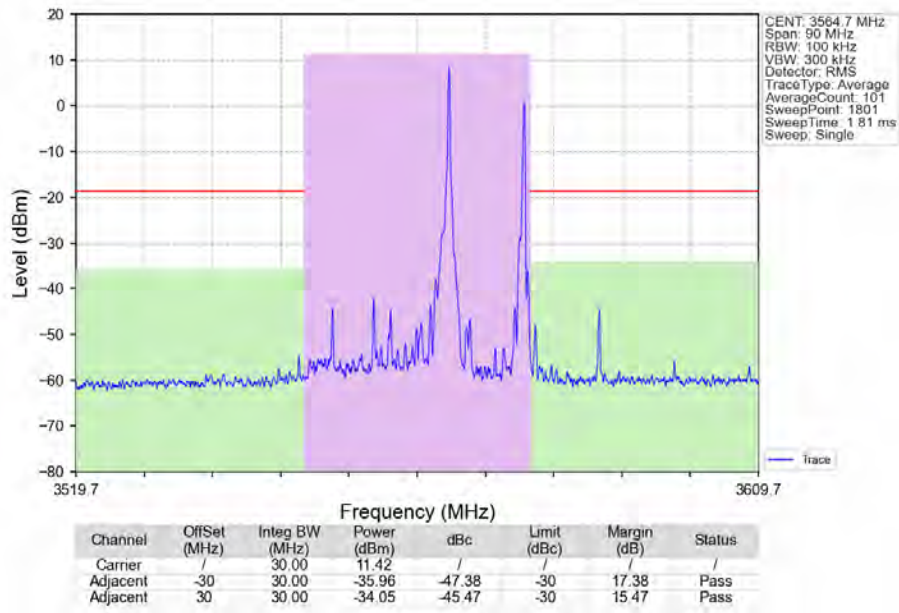
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Report No.: SUCR240100001701

Rev.: 01

Page: 301 of 337

CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 1@99_CC2: 1@49



CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3574.4MHz_CC1: 1@99_CC2: 1@49



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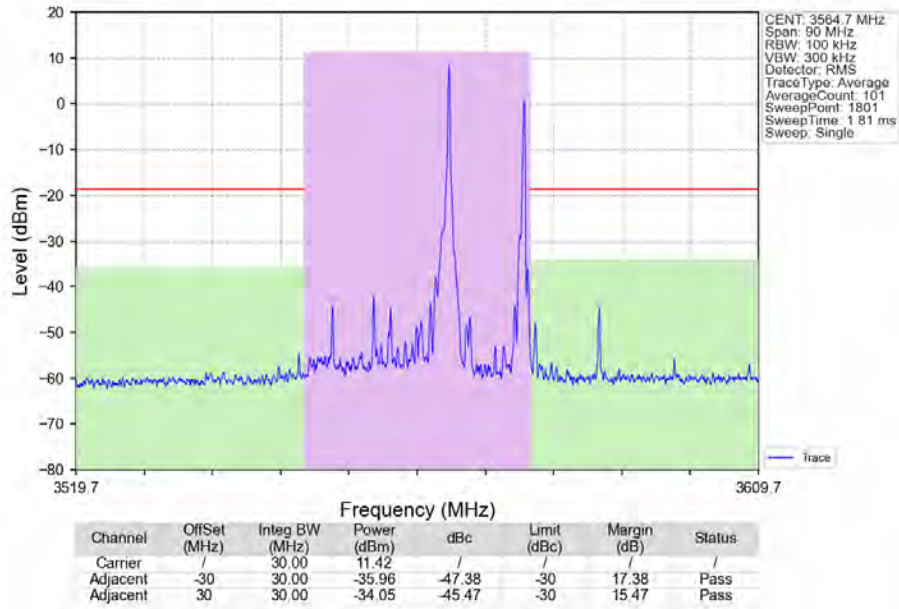
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Rev.: 01

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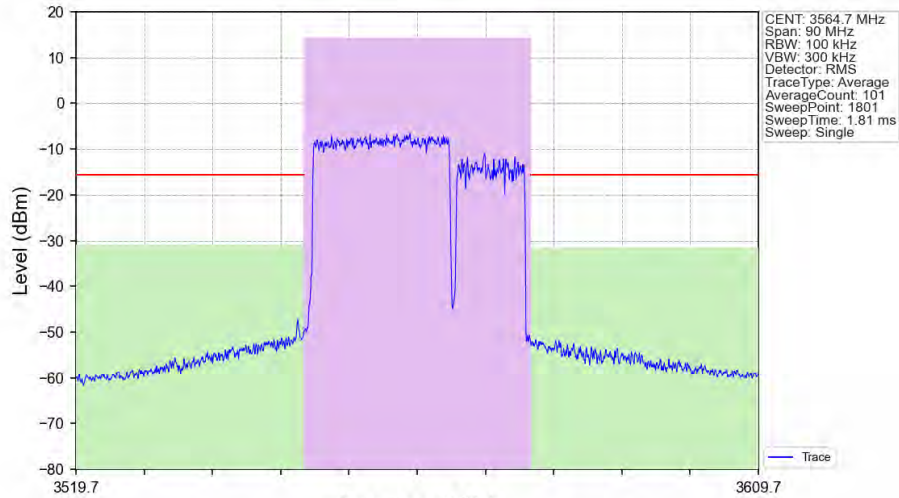
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Report No.: SUCR240100001701

Rev.: 01

Page: 303 of 337

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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	14.34	/	/	/	/
Adjacent	-30	30.00	-30.89	-45.23	-30	15.23	Pass
Adjacent	30	30.00	-31.42	-45.76	-30	15.76	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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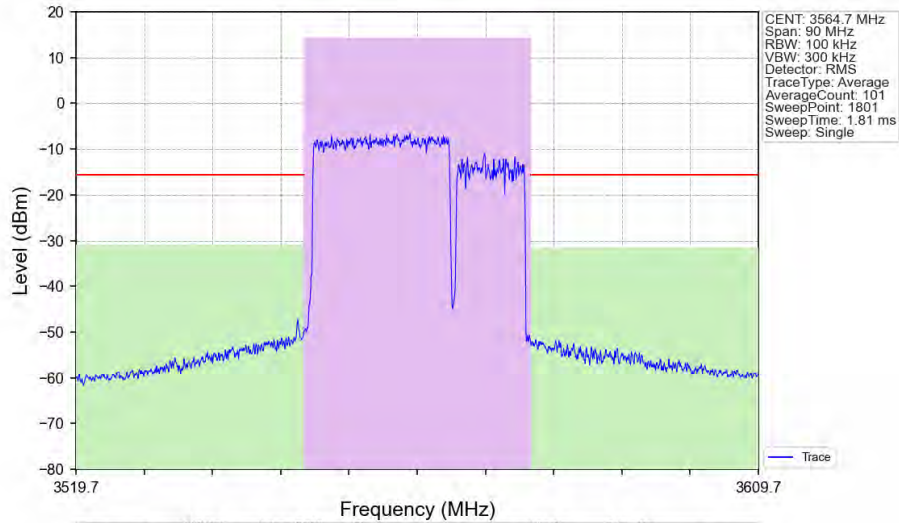
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Rev.: 01

Page: 304 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	14.34	/	/	/	/
Adjacent	-30	30.00	-30.89	-45.23	-30	15.23	Pass
Adjacent	30	30.00	-31.42	-45.76	-30	15.76	Pass



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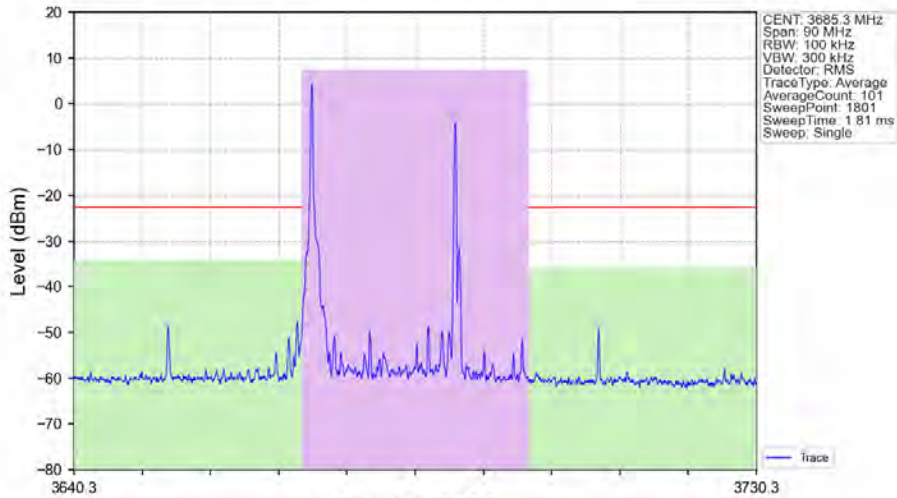
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Report No.: SUCR240100001701

Rev.: 01

Page: 305 of 337

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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	30.00	7.40	/	/	/	/
Adjacent	-30	30.00	-34.14	-41.54	-30	11.54	Pass
Adjacent	30	30.00	-35.87	-43.27	-30	13.27	Pass

CA_48C_SISO_NTNV_CC1:20_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:3680.6_CC2:3695MHz_CC1: 1@0_CC2: 1@0



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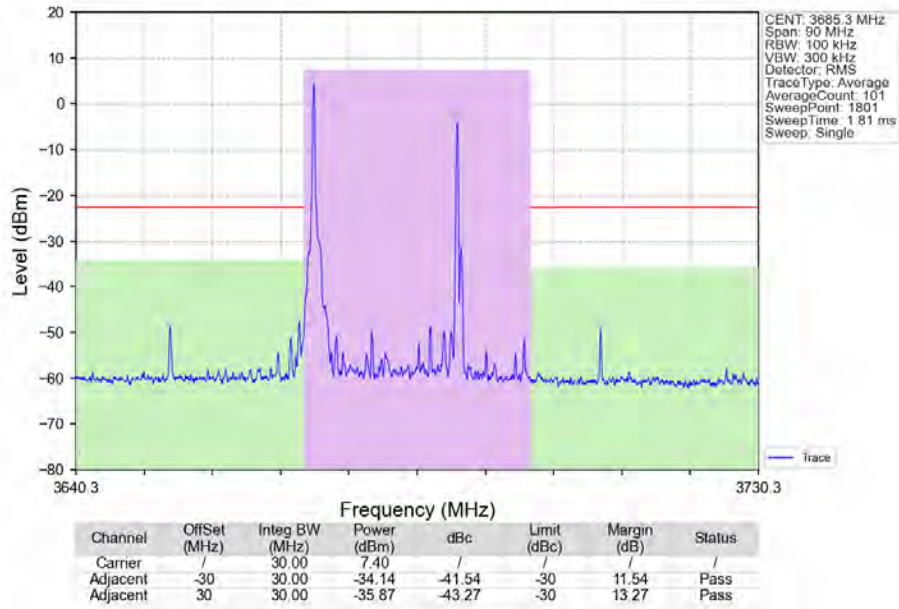
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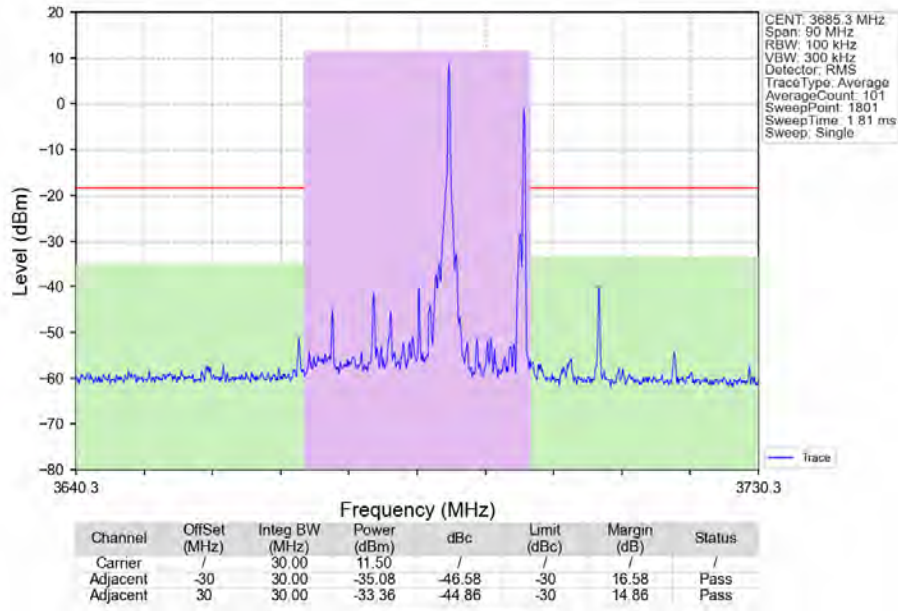
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Report No.: SUCR240100001701

Rev.: 01

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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



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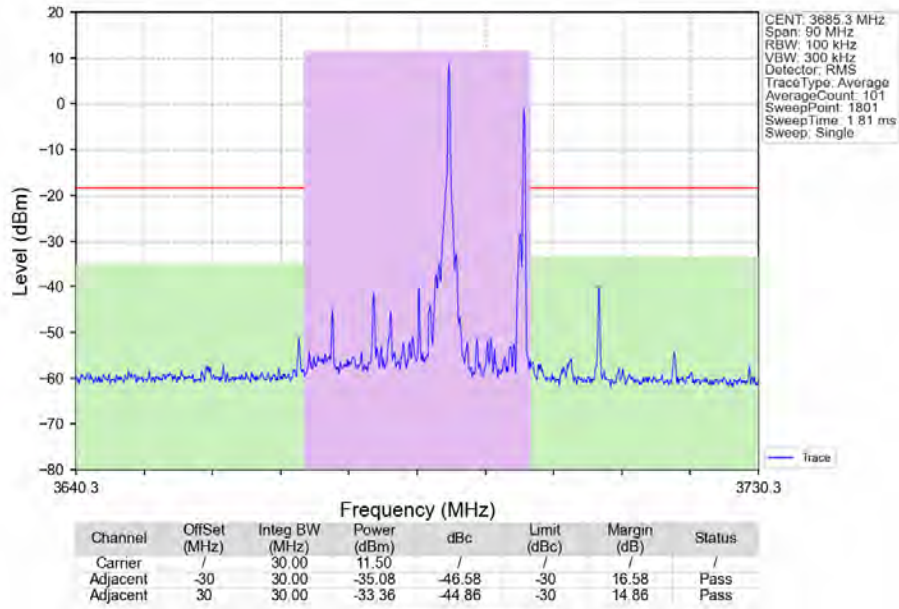
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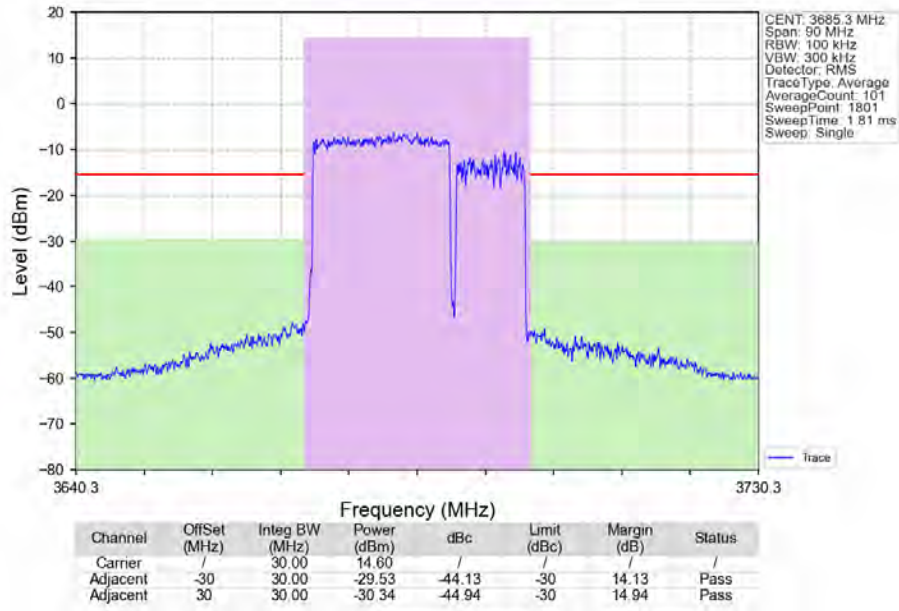
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Report No.: SUCR240100001701

Rev.: 01

Page: 309 of 337

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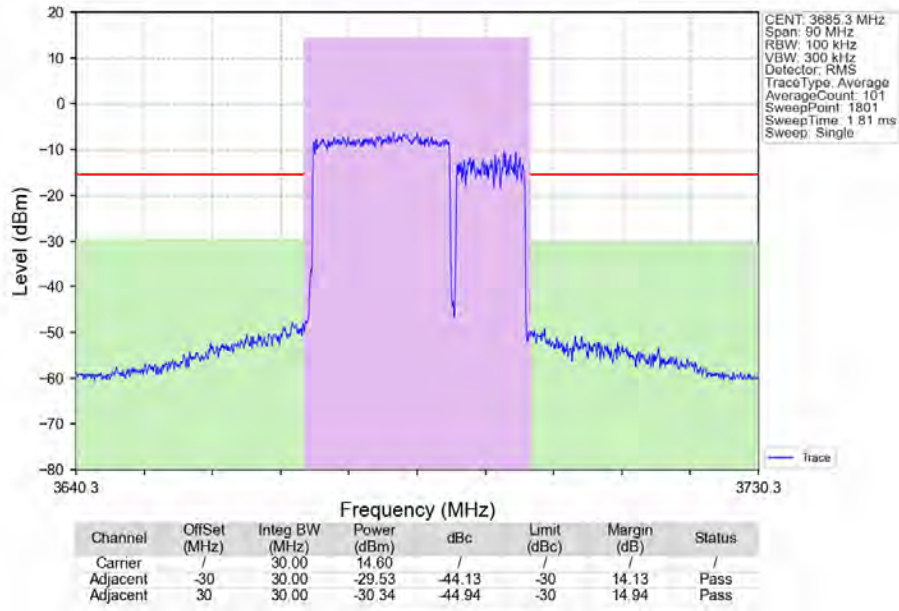
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Rev.: 01

Page: 310 of 337



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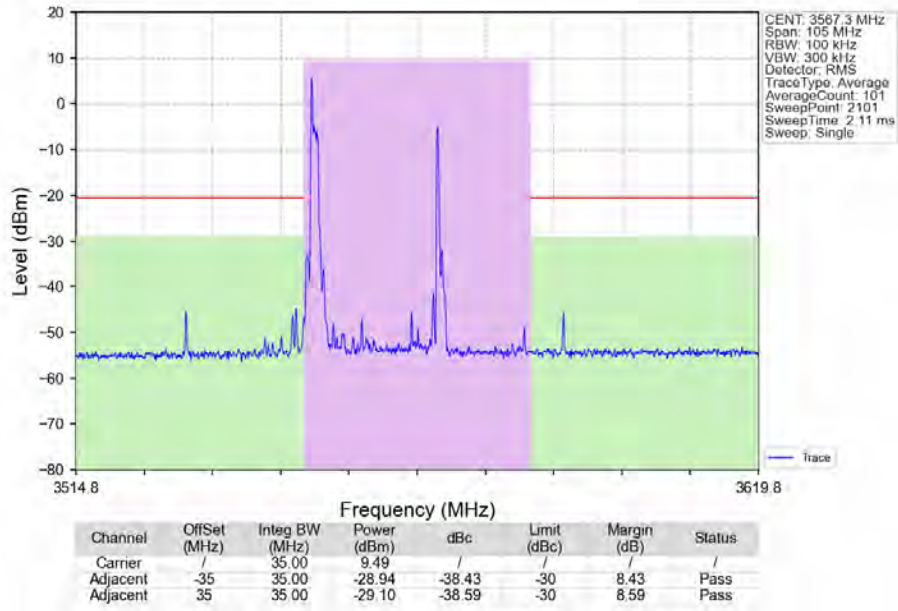
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Report No.: SUCR240100001701

Rev.: 01

Page: 311 of 337

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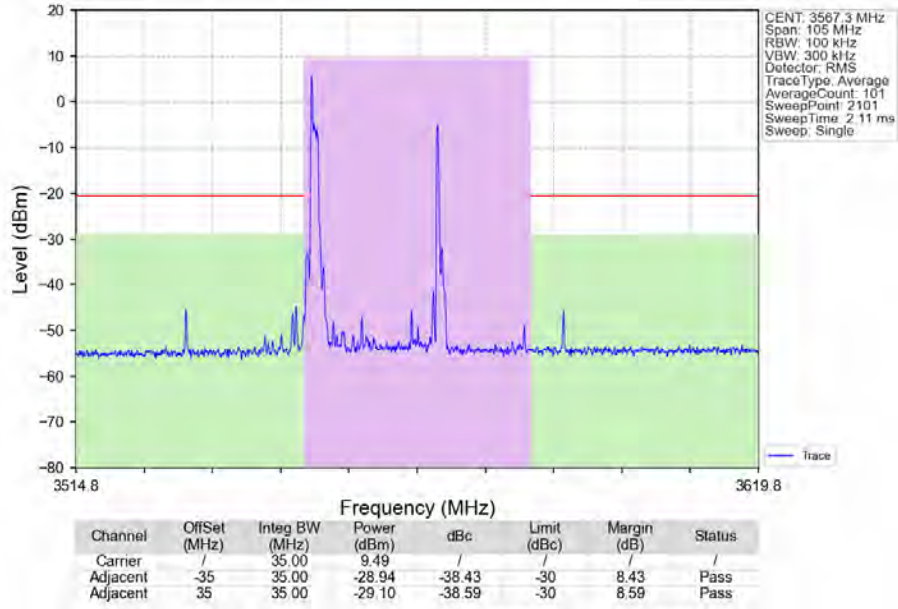
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Report No.: SUCR240100001701

Rev.: 01

Page: 312 of 337



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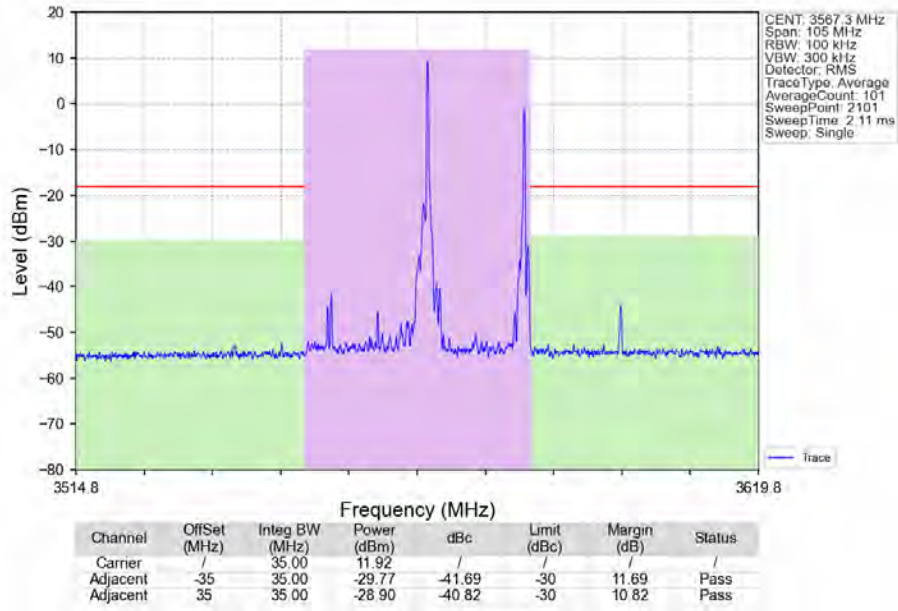
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Report No.: SUCR240100001701

Rev.: 01

Page: 313 of 337

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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



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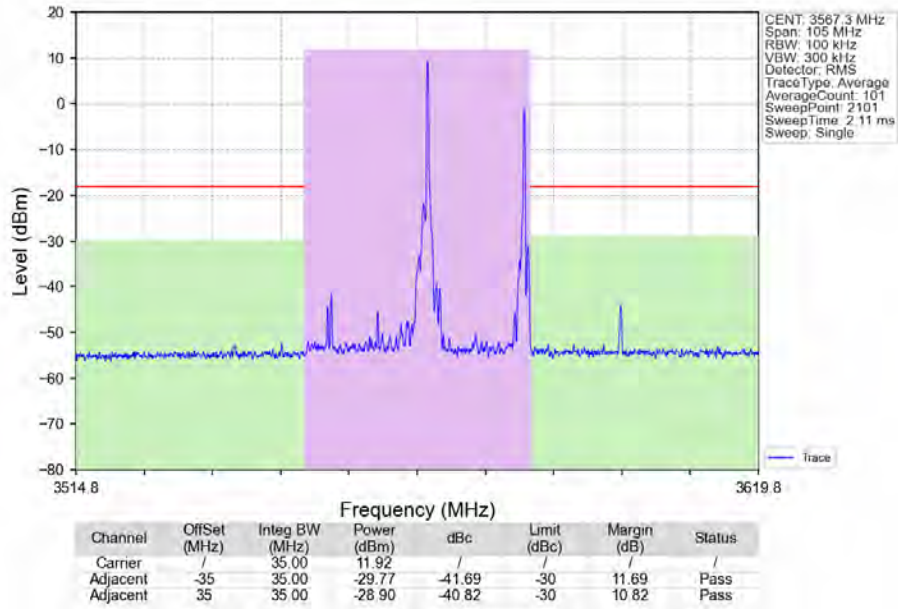
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Report No.: SUCR240100001701

Rev.: 01

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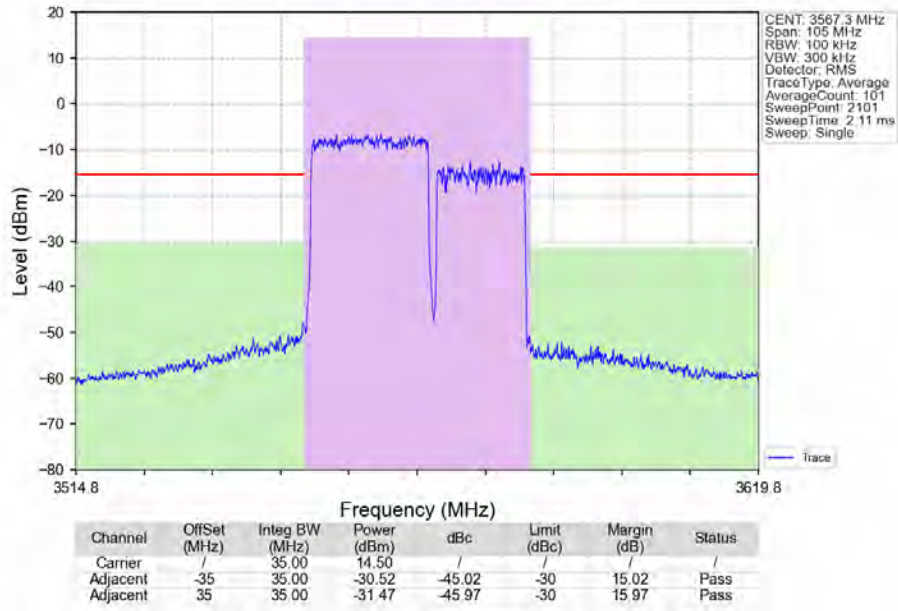
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Report No.: SUCR240100001701

Rev.: 01

Page: 315 of 337

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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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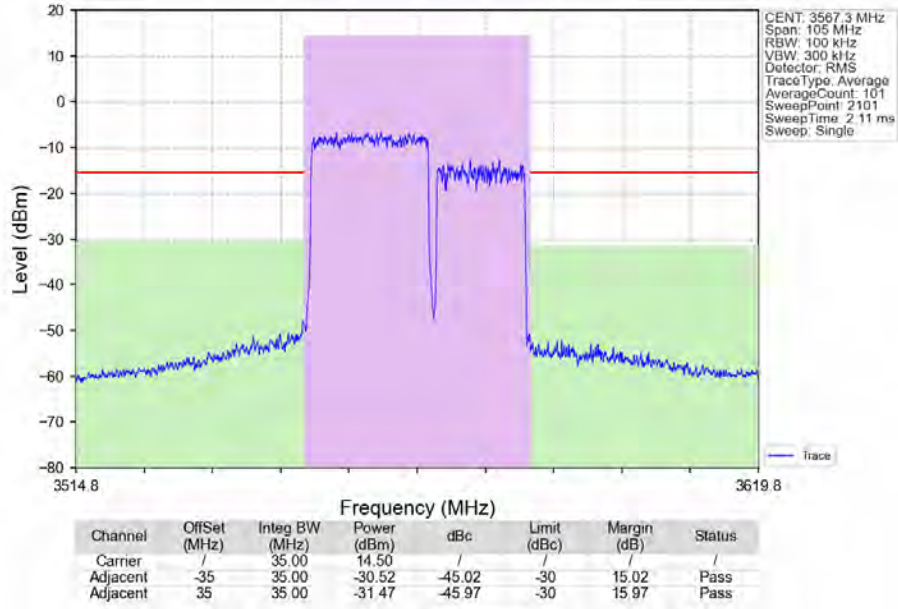
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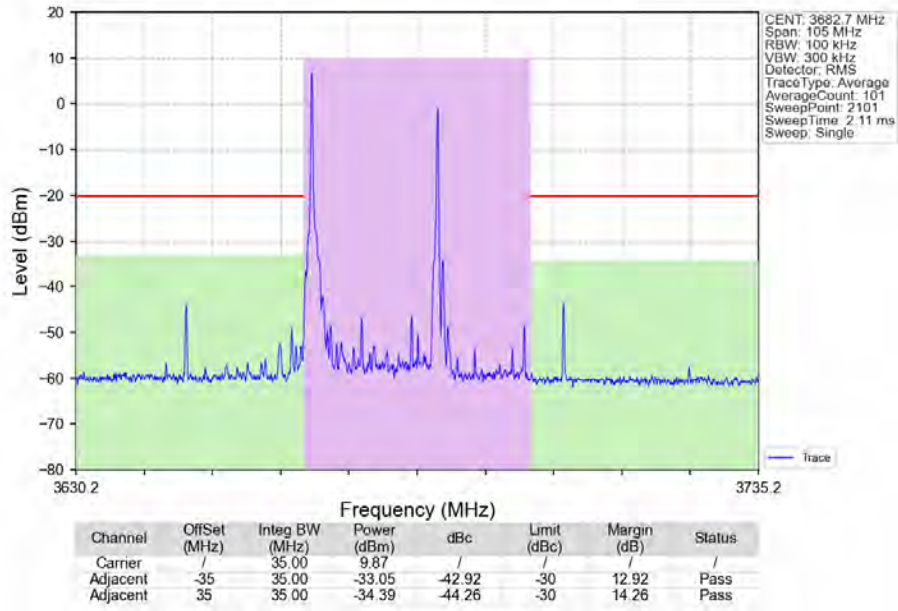
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Report No.: SUCR240100001701

Rev.: 01

Page: 317 of 337

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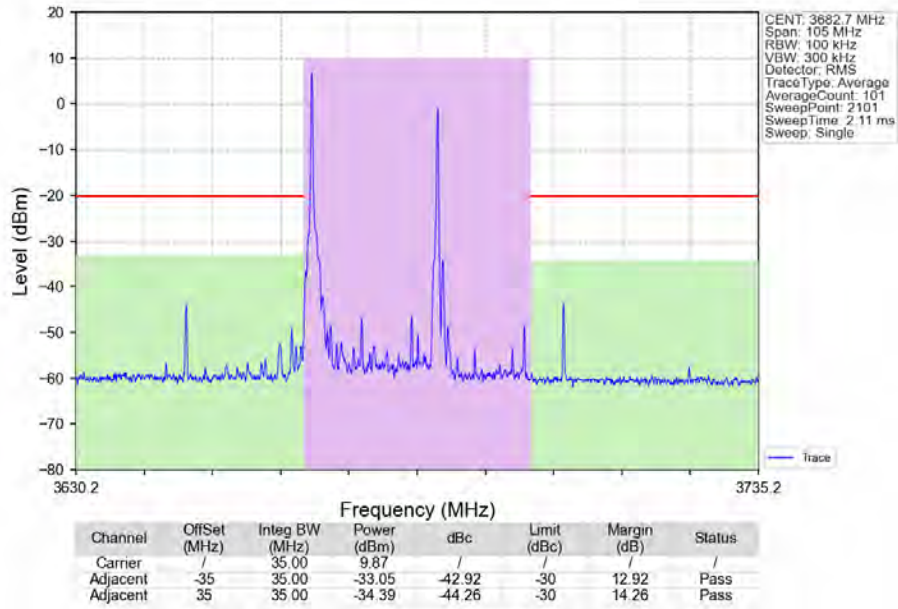
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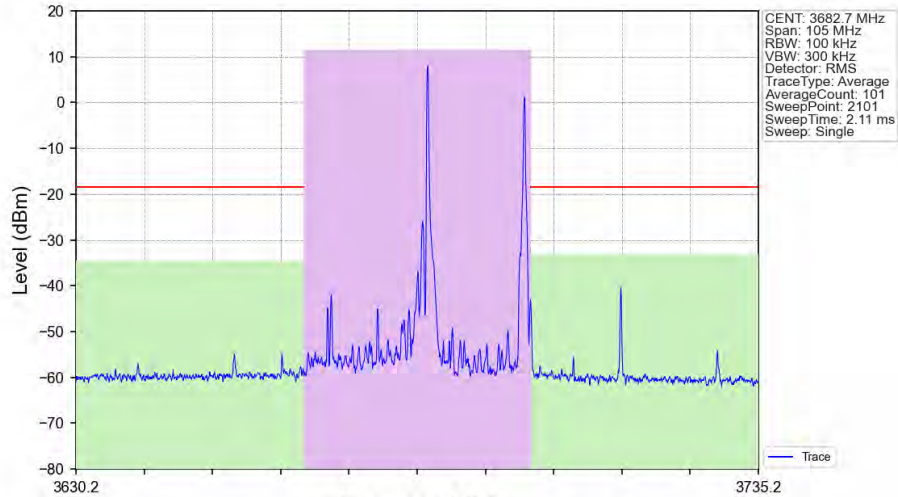
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Report No.: SUCR240100001701

Rev.: 01

Page: 319 of 337

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Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier		35.00	11.57				
Adjacent	-35	35.00	-34.47	-46.04	-30	16.04	Pass
Adjacent	35	35.00	-33.17	-44.74	-30	14.74	Pass

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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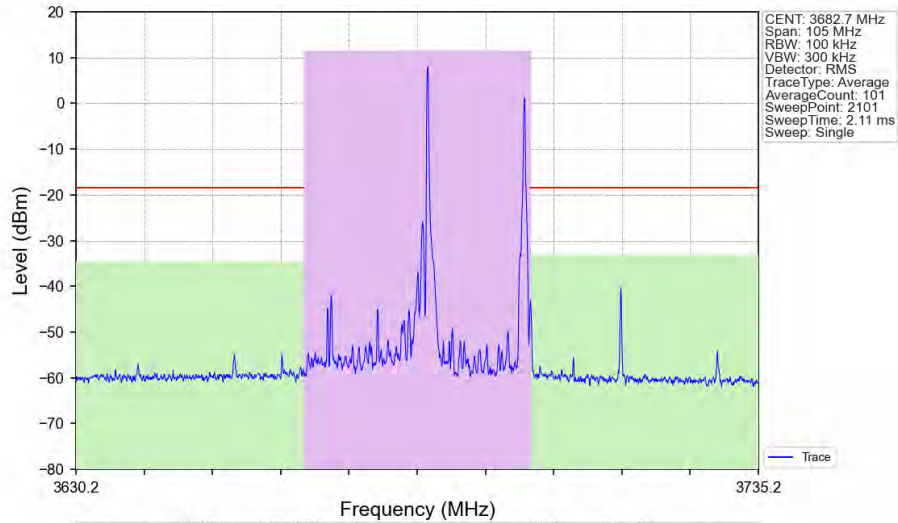
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Report No.: SUCR240100001701

Rev.: 01

Page: 320 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	35.00	11.57	/	/	/	/
Adjacent	-35	35.00	-34.47	-46.04	-30	16.04	Pass
Adjacent	35	35.00	-33.17	-44.74	-30	14.74	Pass



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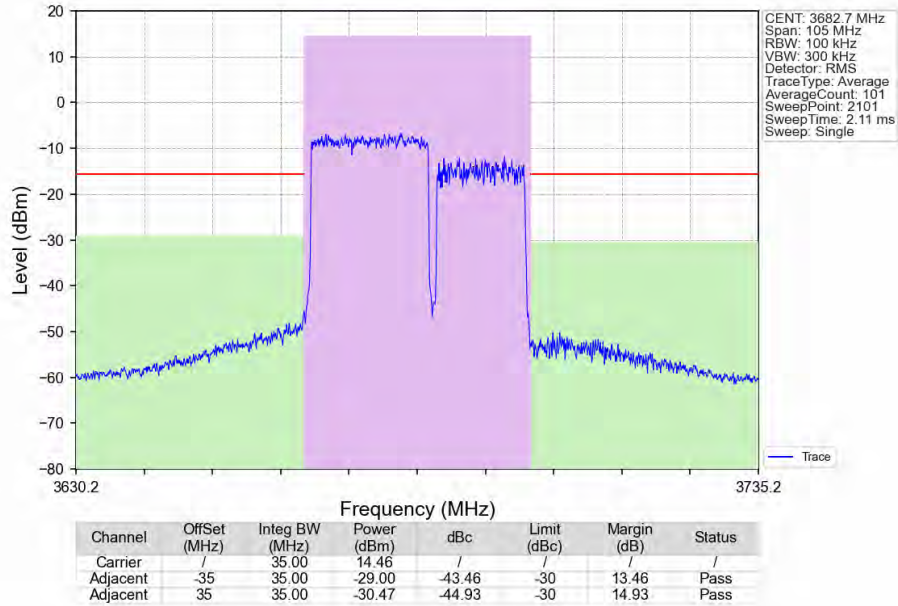
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Report No.: SUCR240100001701

Rev.: 01

Page: 321 of 337

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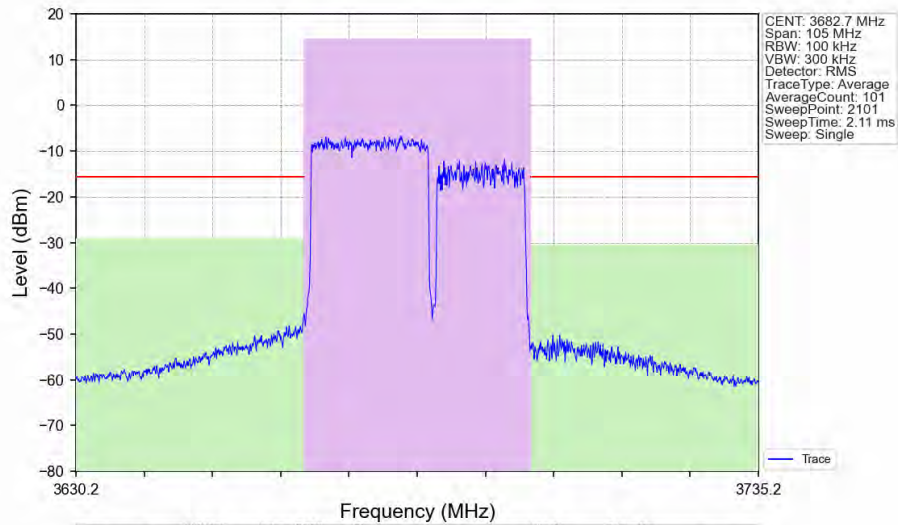
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Rev.: 01

Page: 322 of 337



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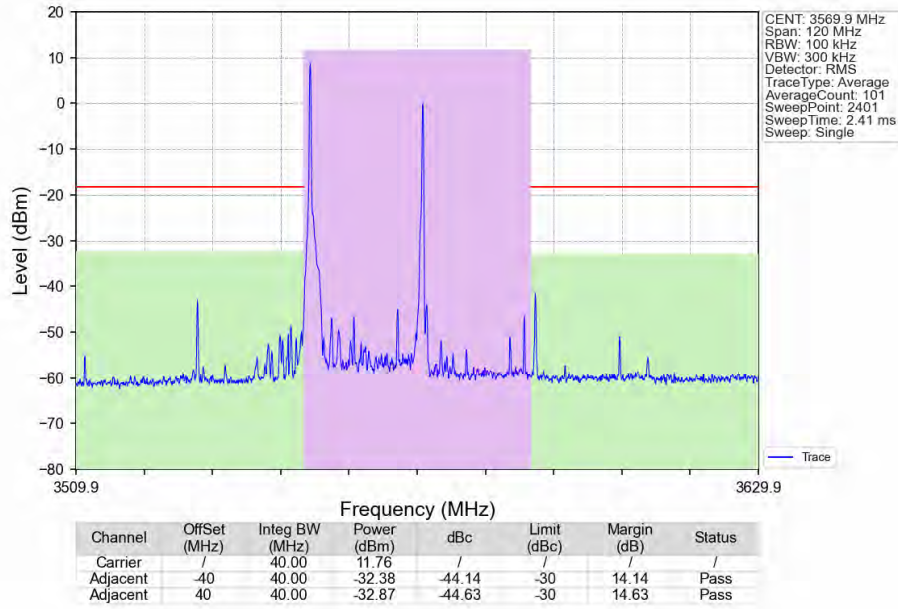
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Report No.: SUCR240100001701

Rev.: 01

Page: 323 of 337

CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3579.8MHz_CC1: 1@0_CC2: 1@0



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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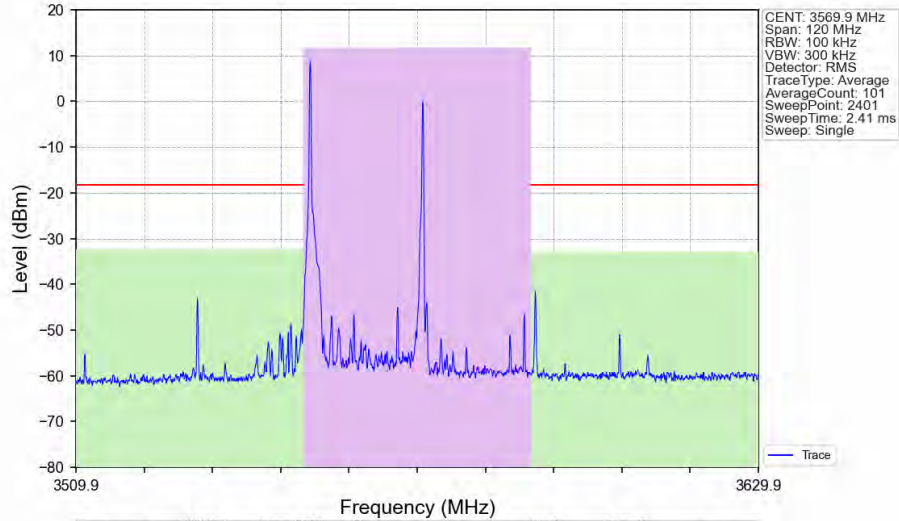
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Report No.: SUCR240100001701

Rev.: 01

Page: 324 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.76	/	/	/	/
Adjacent	-40	40.00	-32.38	-44.14	-30	14.14	Pass
Adjacent	40	40.00	-32.87	-44.63	-30	14.63	Pass



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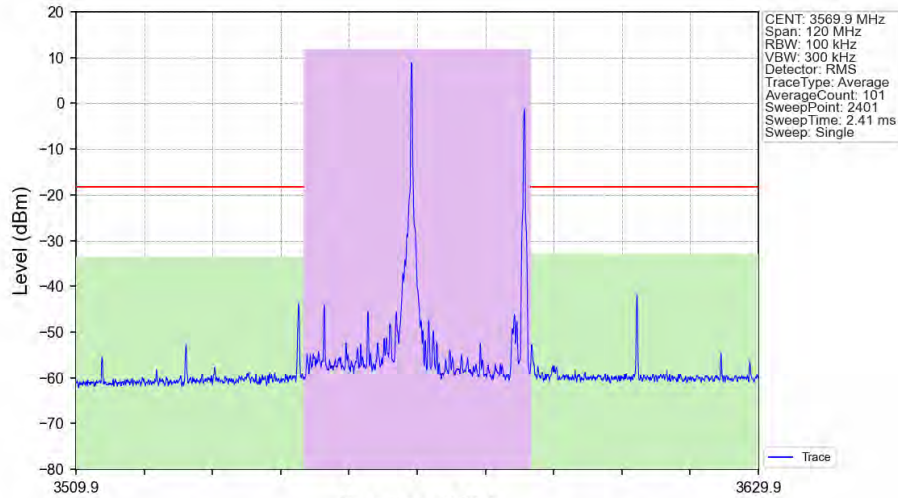
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Report No.: SUCR240100001701

Rev.: 01

Page: 325 of 337

CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3579.8MHz_CC1: 1@99_CC2: 1@99



CA_48C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:3560_CC2:3579.8MHz_CC1: 1@99_CC2: 1@99



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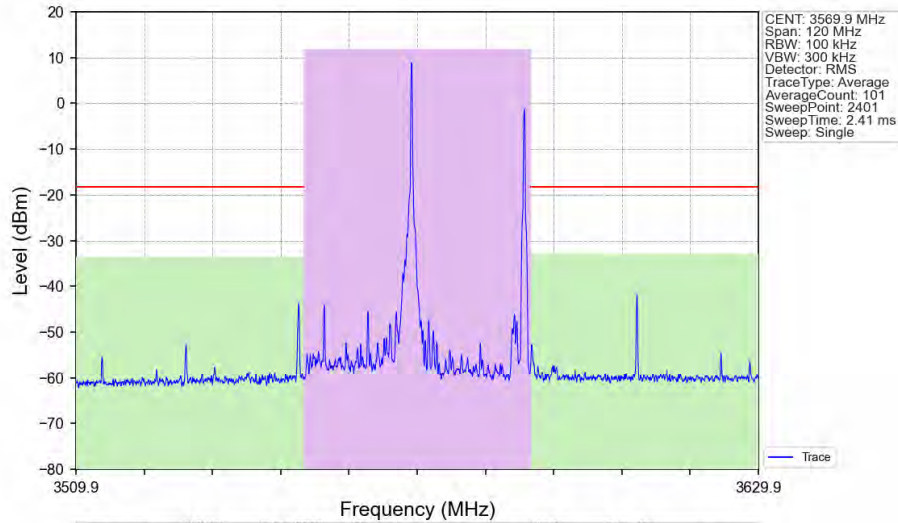
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Report No.: SUCR240100001701

Rev.: 01

Page: 326 of 337



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.80	/	/	/	/
Adjacent	-40	40.00	-33.70	-45.50	-30	15.50	Pass
Adjacent	40	40.00	-32.96	-44.76	-30	14.76	Pass



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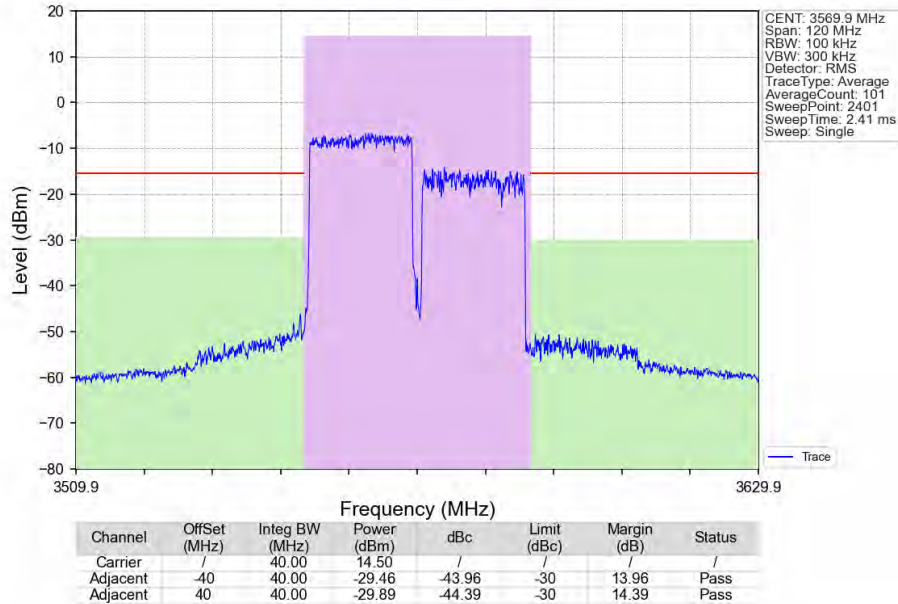
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Report No.: SUCR240100001701

Rev.: 01

Page: 327 of 337

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



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



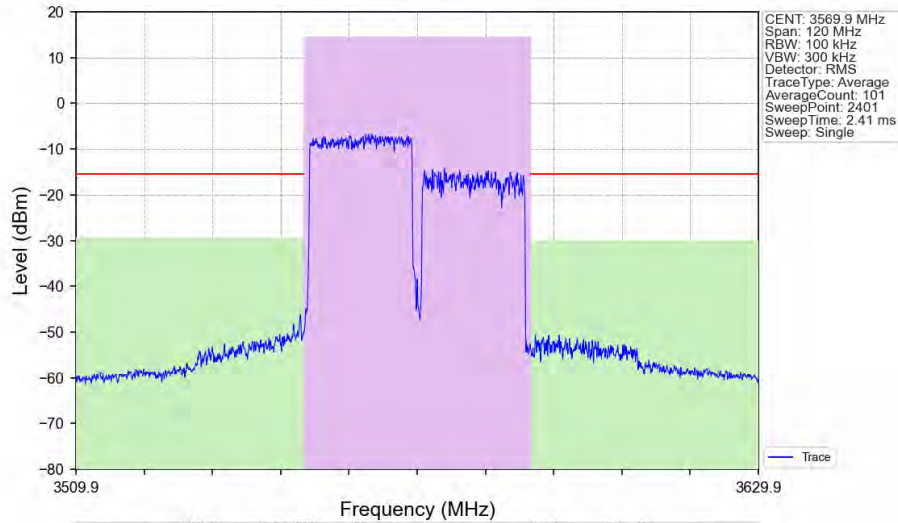
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	14.50	/	/	/	/
Adjacent	-40	40.00	-29.46	-43.96	-30	13.96	Pass
Adjacent	40	40.00	-29.89	-44.39	-30	14.39	Pass



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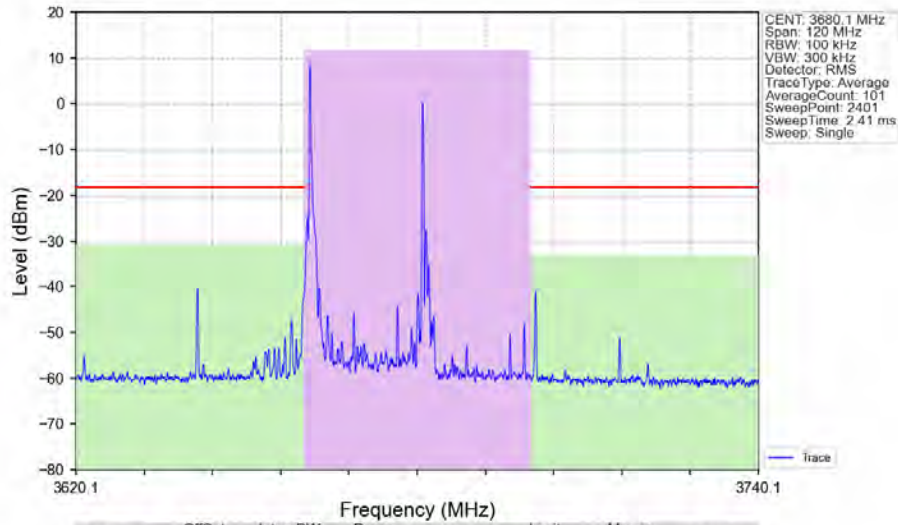
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Page: 329 of 337

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



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.74	/	/	/	/
Adjacent	-40	40.00	-30.93	-42.67	-30	12.67	Pass
Adjacent	40	40.00	-33.13	-44.87	-30	14.87	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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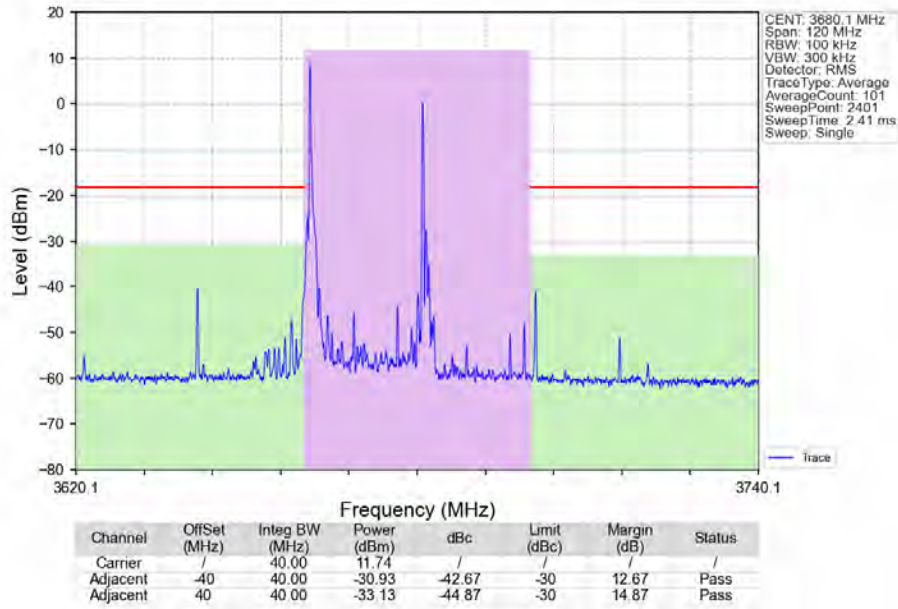
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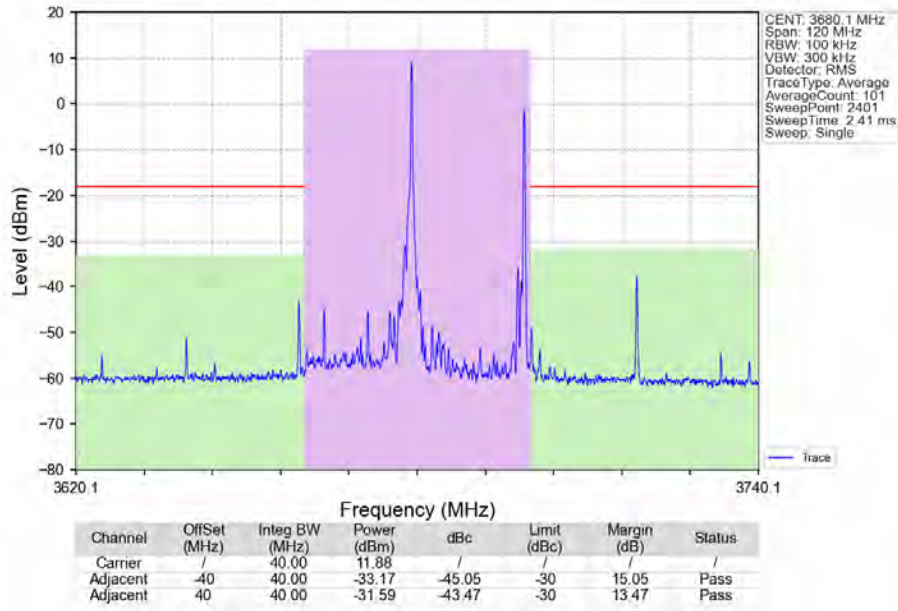
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Report No.: SUCR240100001701

Rev.: 01

Page: 331 of 337

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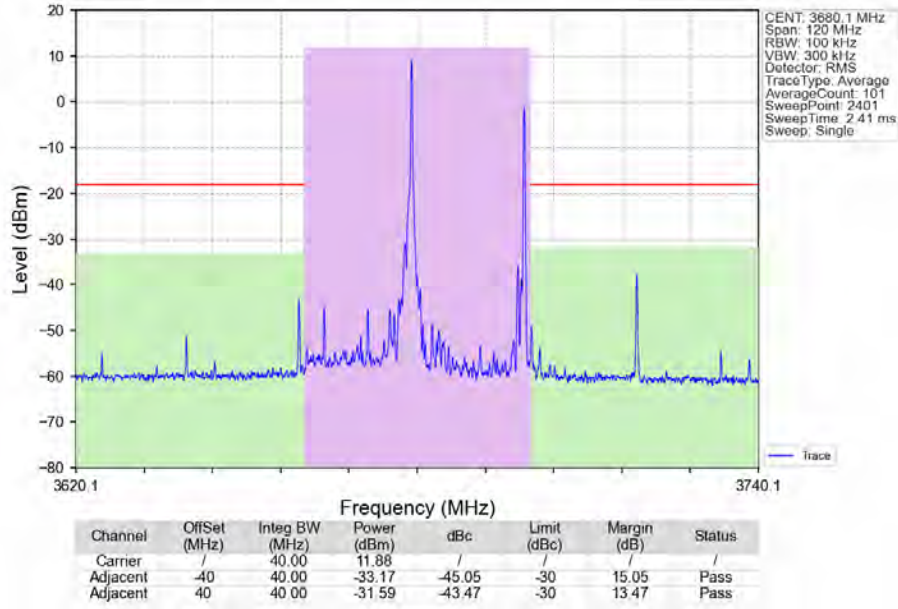
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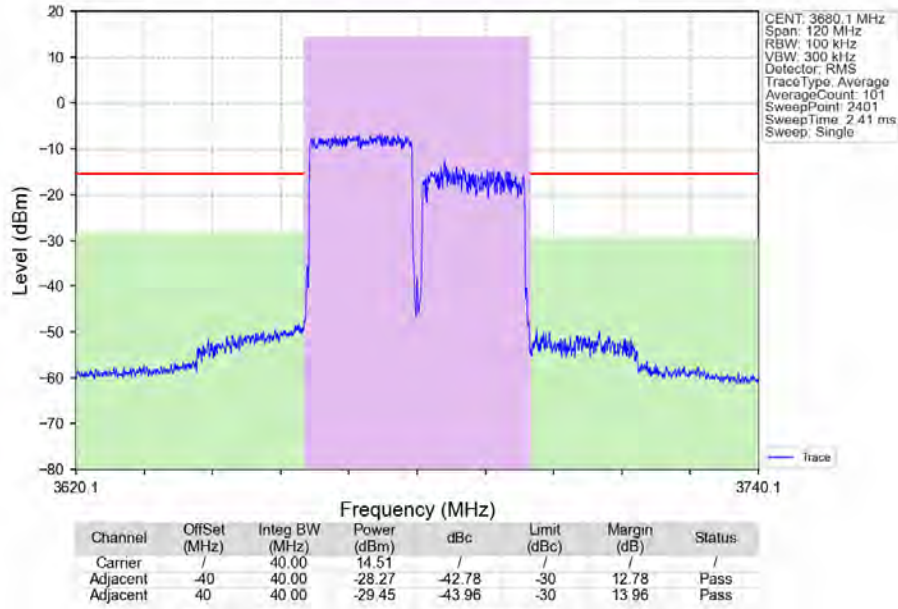
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Report No.: SUCR240100001701

Rev.: 01

Page: 333 of 337

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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



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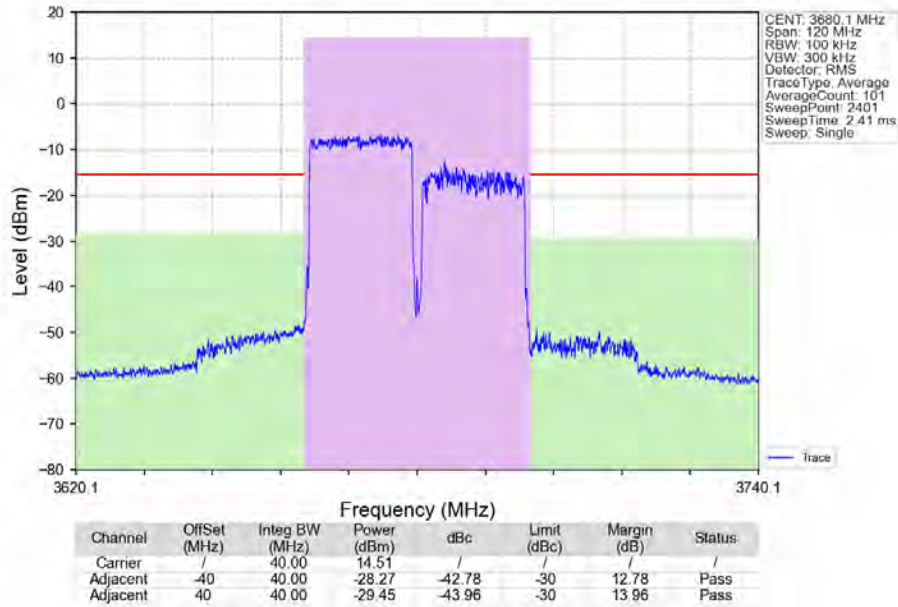
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Report No.: SUCR240100001701

Rev.: 01

Page: 334 of 337



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5. Field Strength of Spurious Radiation

Test Band = LTE Band48_CA_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7365.95	41.89	-42.97	36.02	-60.32	-40.00	20.32	Horizontal
2	8051.925	41.24	-41.72	37.07	-58.67	-40.00	18.67	Horizontal
3	9518.75	39.25	-39.82	37.54	-58.29	-40.00	18.29	Horizontal
4	11134.5	36.26	-37.35	38.67	-57.69	-40.00	17.69	Horizontal
5	11753.775	35.39	-36.69	38.98	-57.58	-40.00	17.58	Horizontal
6	13773.175	35.22	-36.18	40.48	-55.74	-40.00	15.74	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7792.6	41.85	-42.61	36.81	-59.21	-40.00	19.21	Vertical
2	9412.375	40.52	-39.92	37.32	-57.34	-40.00	17.34	Vertical
3	10399.65	37.24	-38.72	38.54	-58.20	-40.00	18.20	Vertical
4	12393.175	35.72	-36.97	39.22	-57.29	-40.00	17.29	Vertical
5	13922.1	33.72	-35.40	40.69	-56.24	-40.00	16.24	Vertical
6	14941.575	33.91	-34.83	41.55	-54.63	-40.00	14.63	Vertical



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Report No.: SUCR240100001701

Rev.: 01

Page: 336 of 337

Test Band = LTE Band48_CA_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7685.075	41.44	-42.92	36.66	-60.08	-40.00	20.08	Horizontal
2	8770.1	41.09	-41.20	36.64	-58.73	-40.00	18.73	Horizontal
3	10362.85	37.37	-38.81	38.54	-58.17	-40.00	18.17	Horizontal
4	11422.575	36.22	-37.28	38.81	-57.51	-40.00	17.51	Horizontal
5	13722.575	35.15	-36.05	40.41	-55.75	-40.00	15.75	Horizontal
6	14324.6	34.77	-35.67	41.06	-55.10	-40.00	15.10	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7340.075	42.24	-43.11	35.95	-60.18	-40.00	20.18	Vertical
2	8817.25	41.10	-41.10	36.61	-58.65	-40.00	18.65	Vertical
3	10617.575	36.33	-37.92	38.56	-58.29	-40.00	18.29	Vertical
4	11442.125	36.38	-37.09	38.82	-57.15	-40.00	17.15	Vertical
5	13597.225	35.46	-36.06	40.24	-55.62	-40.00	15.62	Vertical
6	14950.2	33.66	-34.77	41.56	-54.81	-40.00	14.81	Vertical



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Test Band = LTE Band48_CA_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7339.5	42.45	-43.12	35.95	-59.98	-40.00	19.98	Horizontal
2	9264.025	39.09	-40.03	37.03	-59.17	-40.00	19.17	Horizontal
3	10649.775	36.72	-37.75	38.56	-57.73	-40.00	17.73	Horizontal
4	12074.05	36.29	-37.19	39.12	-57.04	-40.00	17.04	Horizontal
5	13598.375	34.95	-36.05	40.24	-56.12	-40.00	16.12	Horizontal
6	14991.6	33.28	-34.48	41.59	-54.87	-40.00	14.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7172.75	42.75	-43.62	35.48	-60.65	-40.00	20.65	Vertical
2	8400.375	41.12	-41.37	36.86	-58.65	-40.00	18.65	Vertical
3	9858.575	38.25	-39.14	38.22	-57.93	-40.00	17.93	Vertical
4	11265.025	36.19	-37.01	38.73	-57.35	-40.00	17.35	Vertical
5	12698.5	36.01	-36.84	39.31	-56.78	-40.00	16.78	Vertical
6	14252.725	34.00	-35.60	41.00	-55.86	-40.00	15.86	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

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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