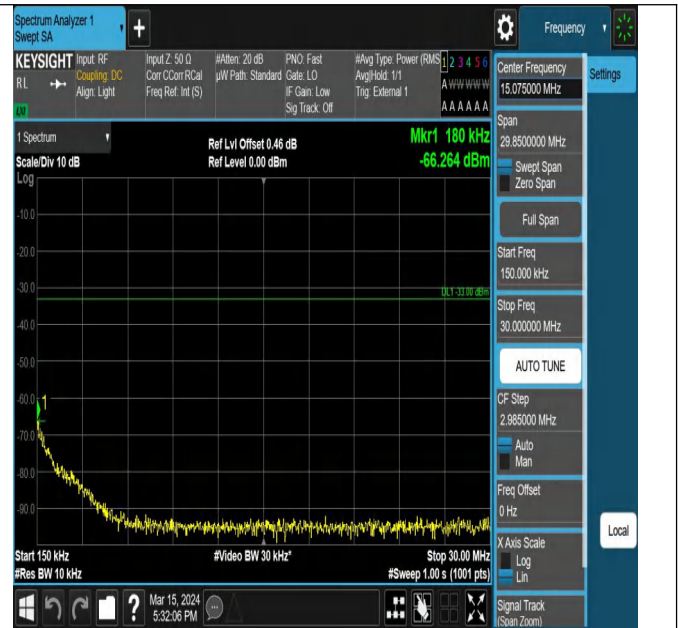




Band42\_10MHz\_QPSK\_42590\_1RB#0\_0.009~0.15\_0.009~0.

15



Band42\_10MHz\_QPSK\_42590\_1RB#0\_0.15~30\_0.15~30

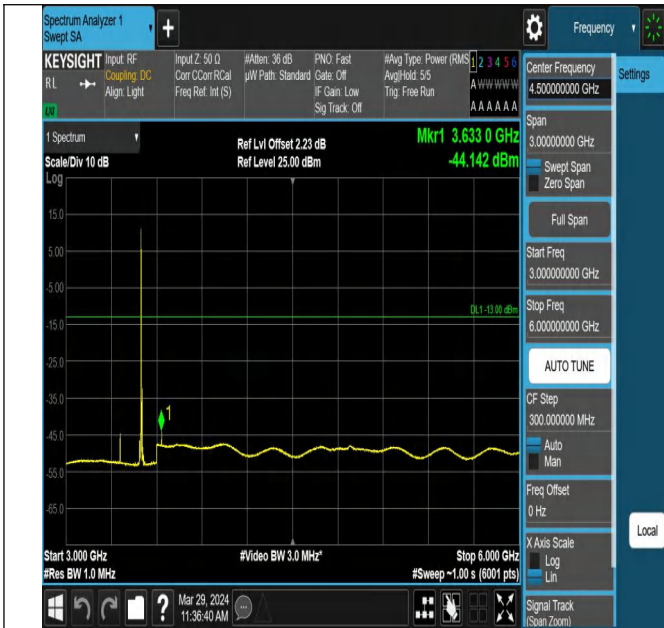


Band42\_10MHz\_QPSK\_42590\_1RB#0\_30~1000\_30~1000



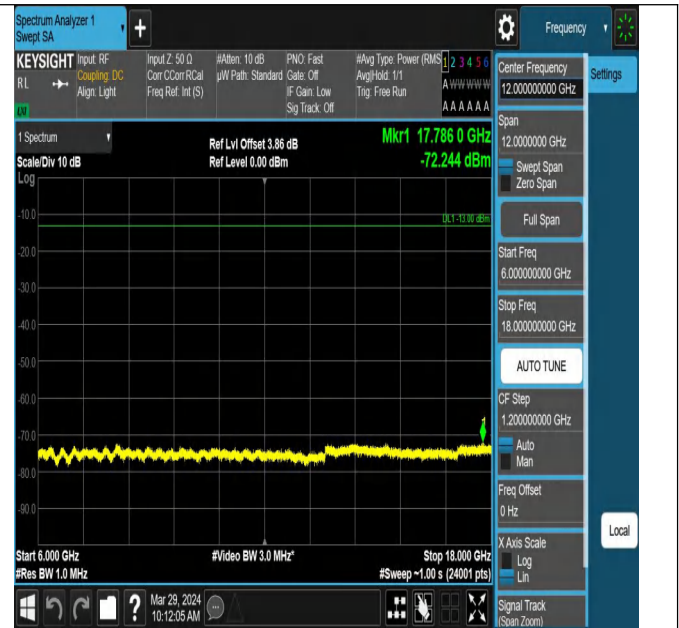
Band42\_10MHz\_QPSK\_42590\_1RB#0\_1000~3000\_1000~30

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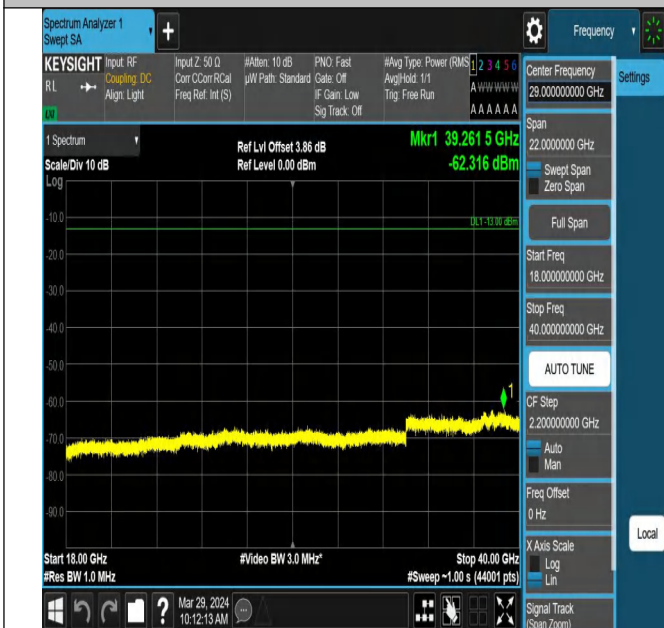
Band42\_10MHz\_QPSK\_42590\_1RB#0\_3000~6000\_3000~60

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Band42\_10MHz\_QPSK\_42590\_1RB#0\_6000~18000\_6000~1

8000



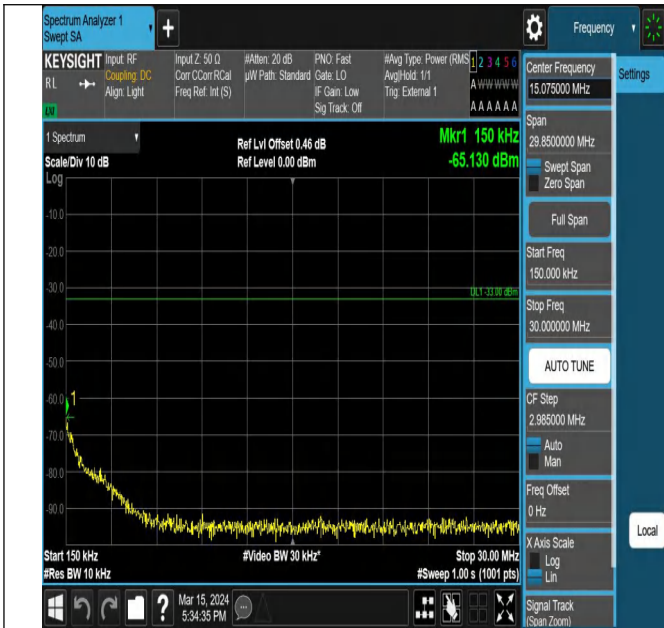
Band42\_10MHz\_QPSK\_42590\_1RB#0\_18000~40000\_18000

~40000



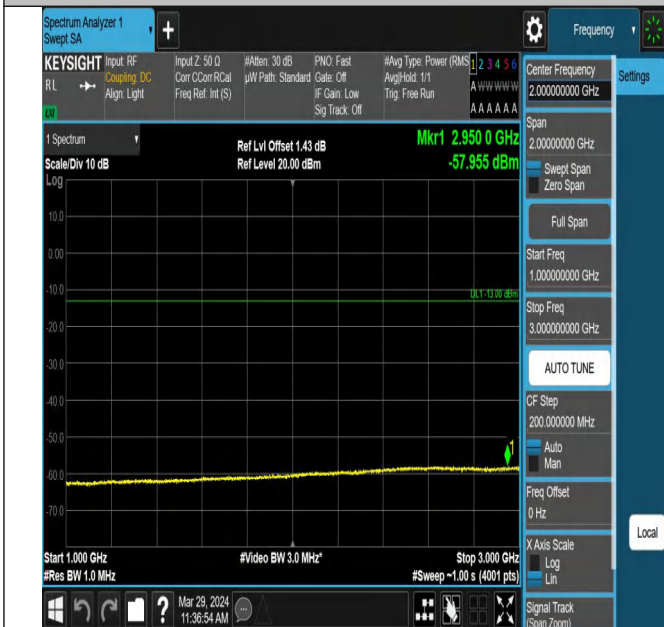
Band42\_10MHz\_QPSK\_43040\_1RB#0\_0.009~0.15\_0.009~0.

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Band42\_10MHz\_QPSK\_43040\_1RB#0\_0.15~30\_0.15~30

Band42\_10MHz\_QPSK\_43040\_1RB#0\_30~1000\_30~1000

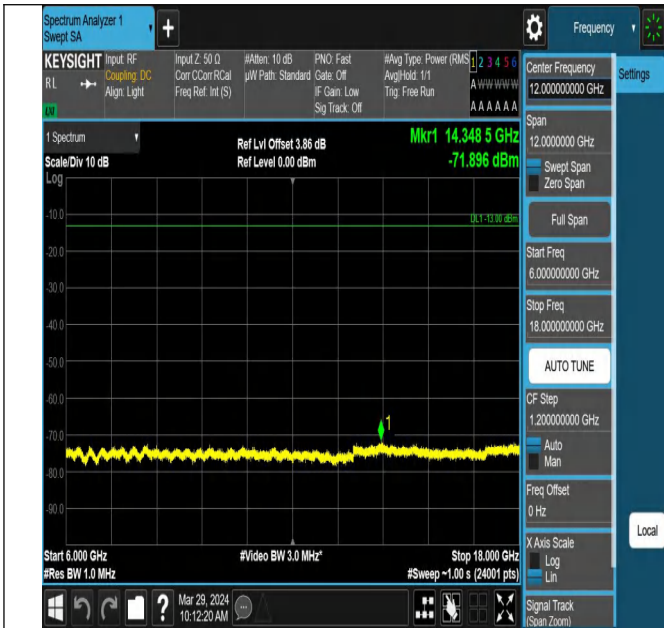


Band42\_10MHz\_QPSK\_43040\_1RB#0\_1000~3000\_1000~30

Band42\_10MHz\_QPSK\_43040\_1RB#0\_3000~6000\_3000~60

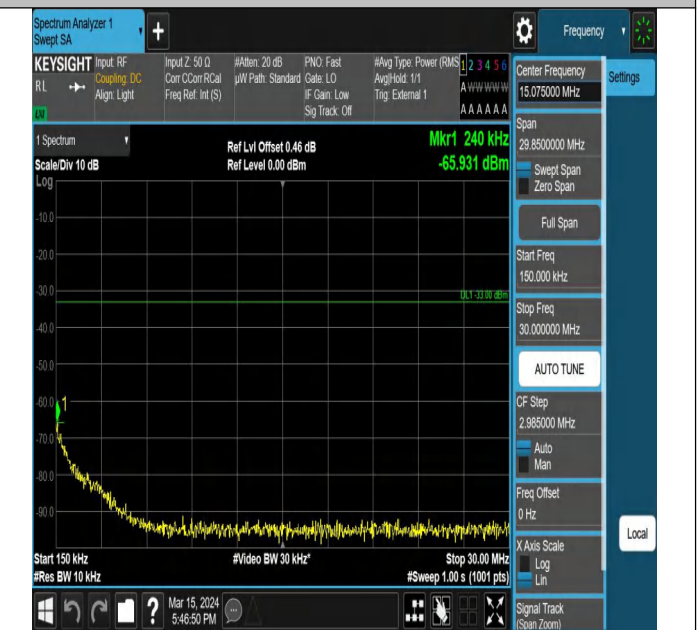
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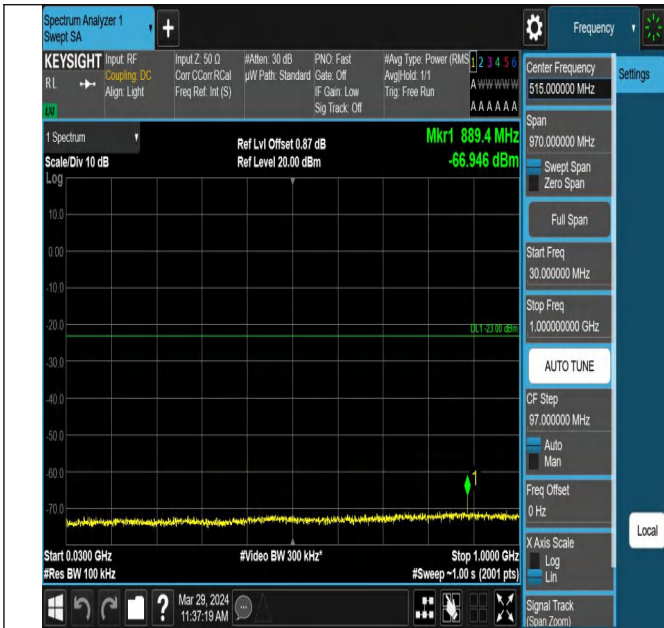
Band42\_10MHz\_QPSK\_43040\_1RB#0\_6000~18000\_6000~18000

Band42\_10MHz\_QPSK\_43040\_1RB#0\_18000~40000\_18000~40000



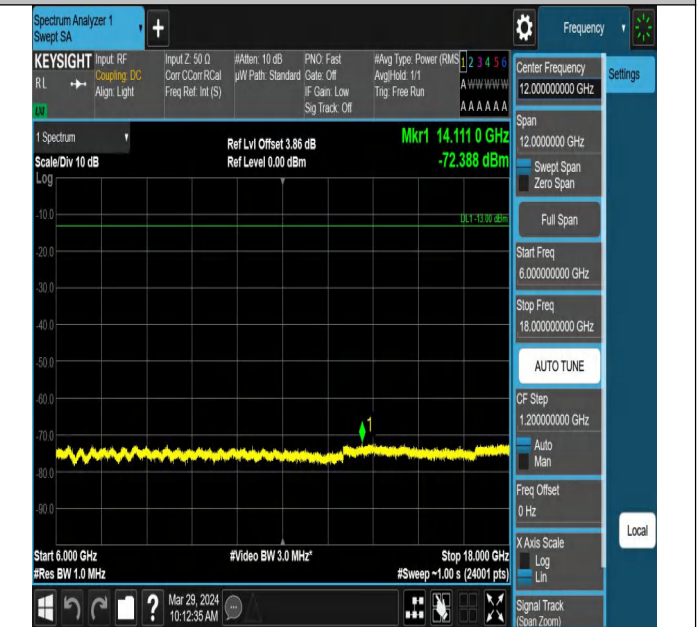
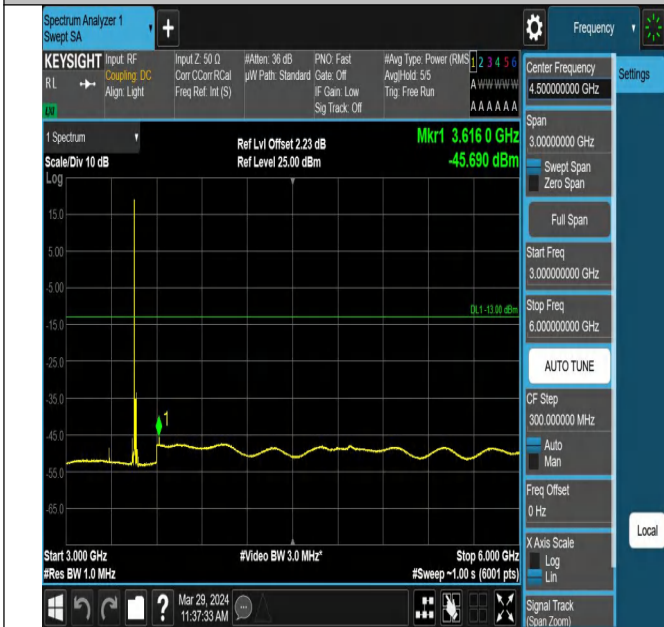
Band42\_15MHz\_QPSK\_42165\_1RB#0\_0.009~0.15\_0.009~0.15

Band42\_15MHz\_QPSK\_42165\_1RB#0\_0.15~30\_0.15~30



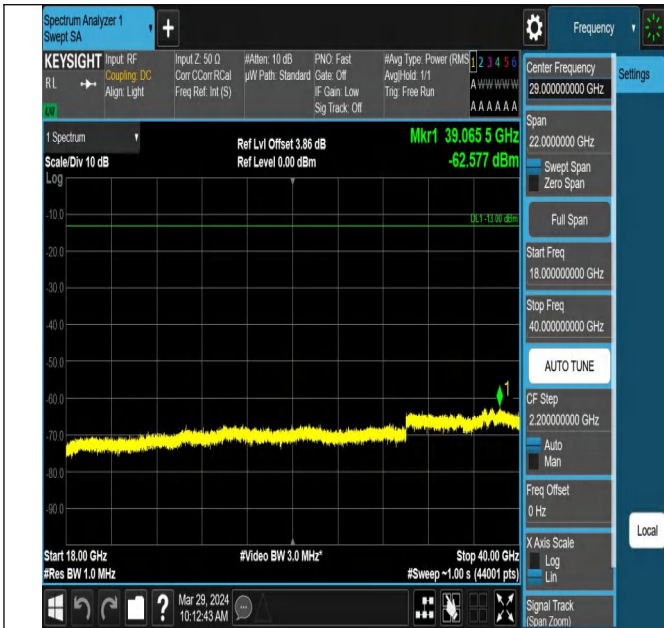
Band42\_15MHz\_QPSK\_42165\_1RB#0\_30~1000\_30~1000

Band42\_15MHz\_QPSK\_42165\_1RB#0\_1000~3000\_1000~3000



Band42\_15MHz\_QPSK\_42165\_1RB#0\_3000~6000\_3000~6000

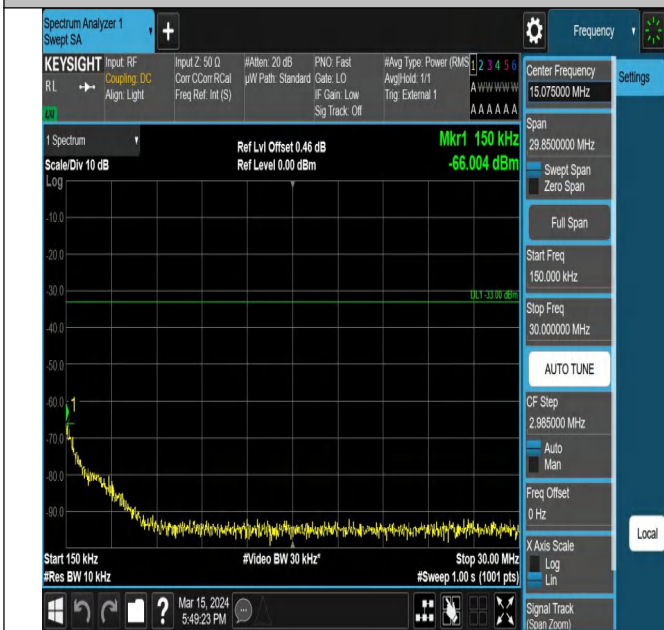
Band42\_15MHz\_QPSK\_42165\_1RB#0\_6000~18000\_6000~18000



Band42\_15MHz\_QPSK\_42165\_1RB#0\_18000~40000\_18000  
~40000



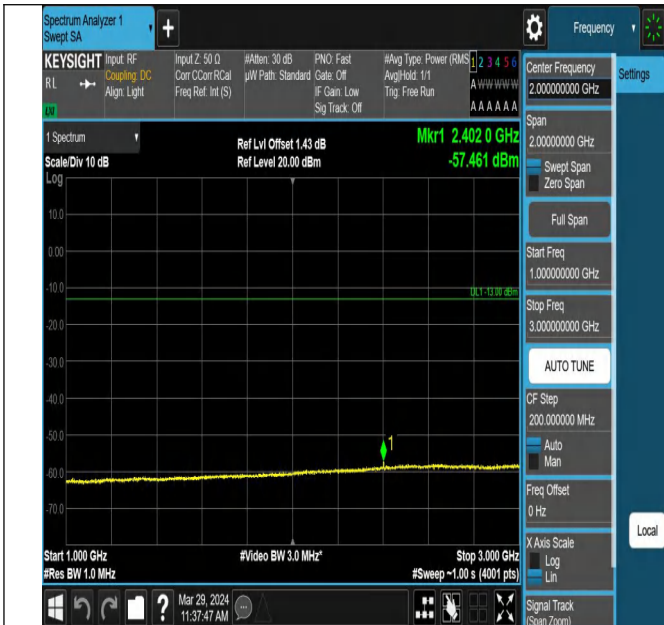
Band42\_15MHz\_QPSK\_42590\_1RB#0\_0.009~0.15\_0.009~0.15



Band42\_15MHz\_QPSK\_42590\_1RB#0\_0.15~30\_0.15~30

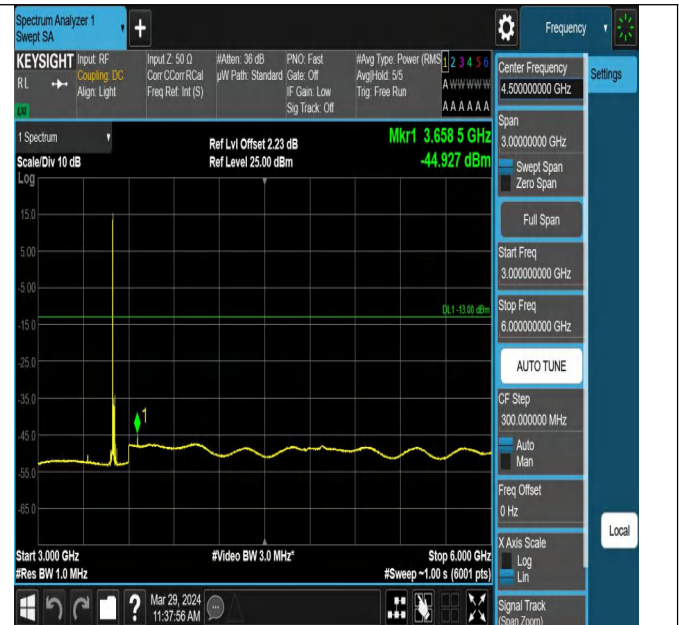


Band42\_15MHz\_QPSK\_42590\_1RB#0\_30~1000\_30~1000



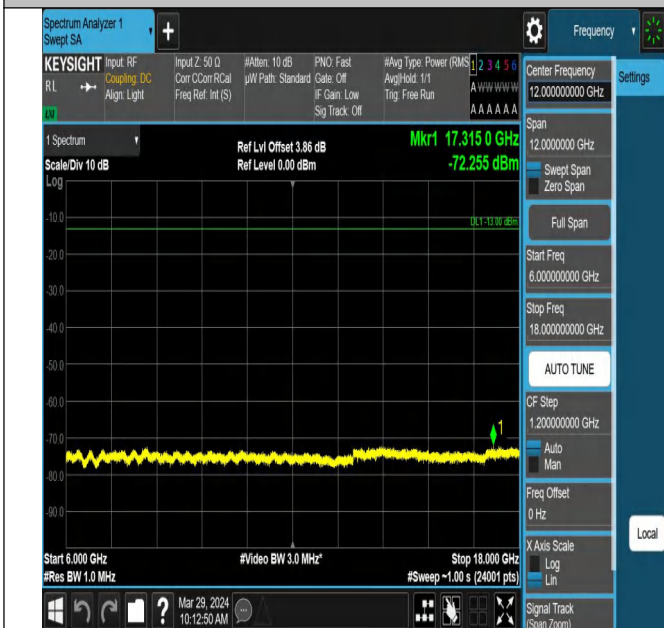
Band42\_15MHz\_QPSK\_42590\_1RB#0\_1000~3000\_1000~30

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Band42\_15MHz\_QPSK\_42590\_1RB#0\_3000~6000\_3000~60

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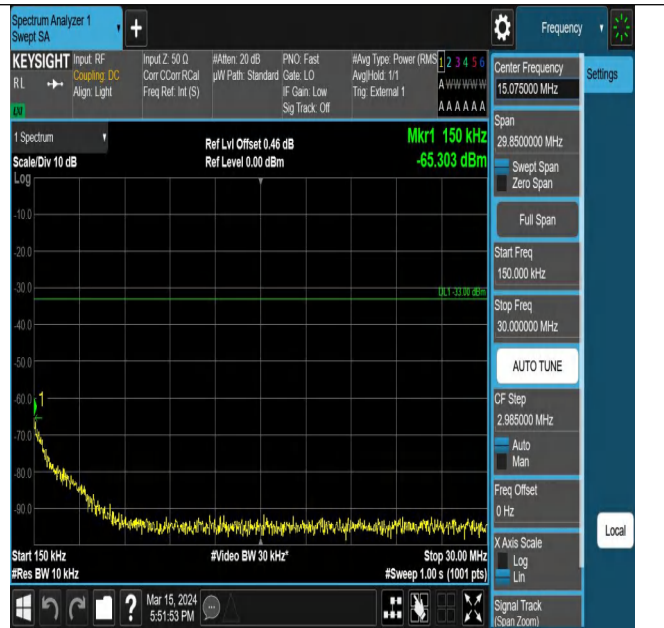
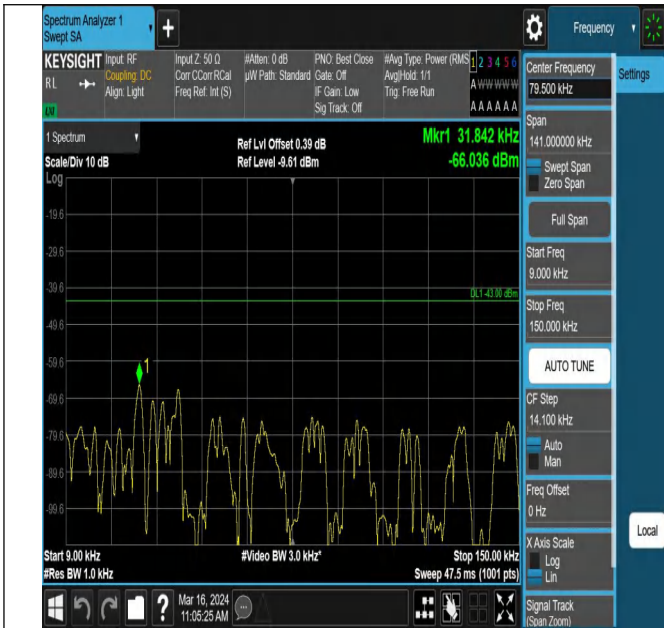
Band42\_15MHz\_QPSK\_42590\_1RB#0\_6000~18000\_6000~1

8000



Band42\_15MHz\_QPSK\_42590\_1RB#0\_18000~40000\_18000

~40000



Band42\_15MHz\_QPSK\_43015\_1RB#0\_0.009~0.15\_0.009~0.

Band42\_15MHz\_QPSK\_43015\_1RB#0\_0.15~30\_0.15~30

15

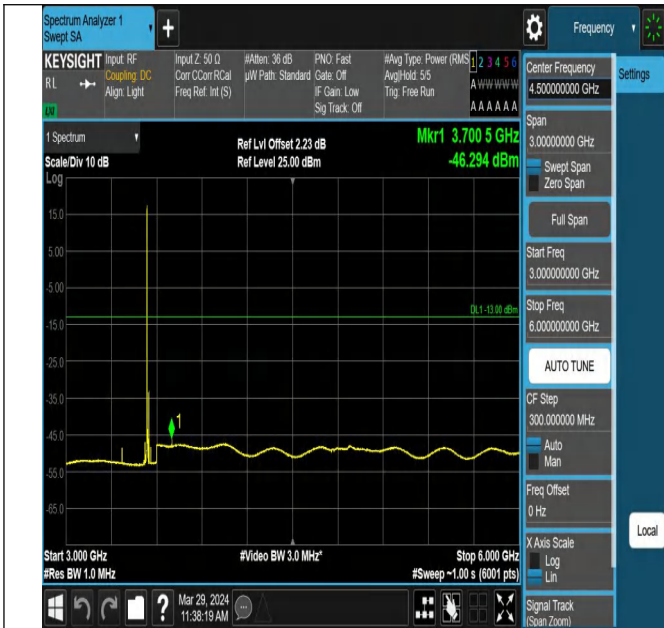


Band42\_15MHz\_QPSK\_43015\_1RB#0\_30~1000\_30~1000

Band42\_15MHz\_QPSK\_43015\_1RB#0\_1000~3000\_1000~30

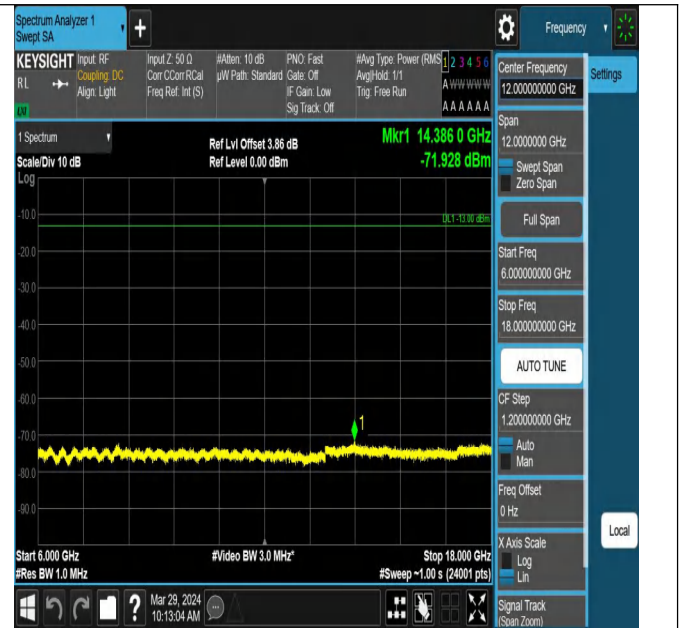
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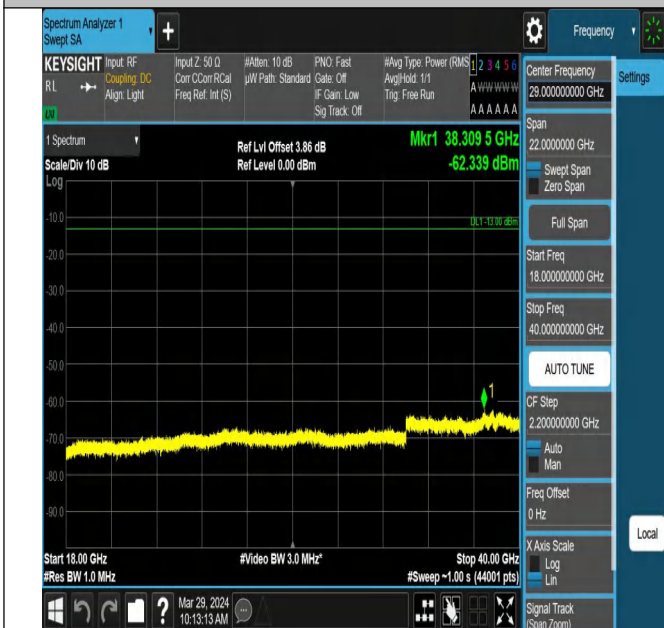
Band42\_15MHz\_QPSK\_43015\_1RB#0\_3000~6000\_3000~60

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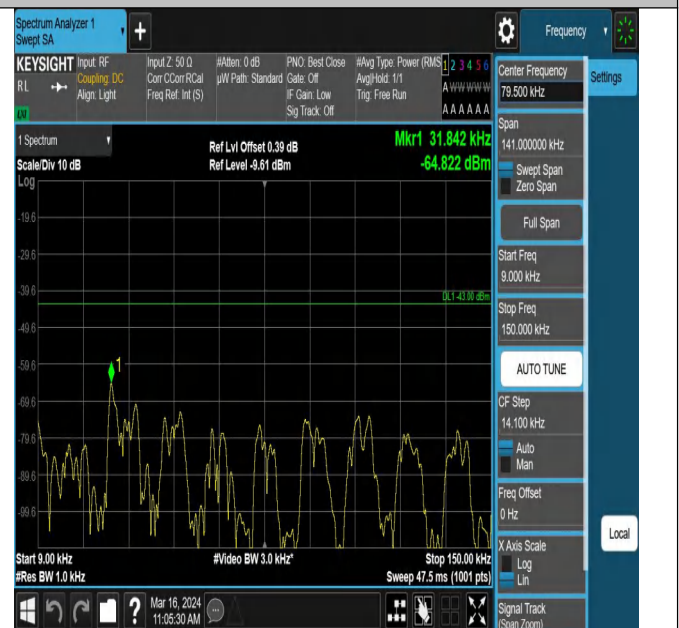
Band42\_15MHz\_QPSK\_43015\_1RB#0\_6000~18000\_6000~1

8000



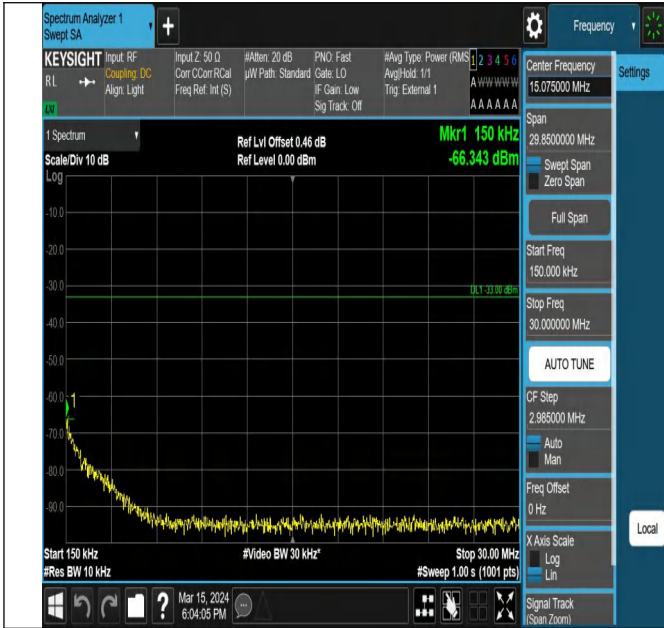
Band42\_15MHz\_QPSK\_43015\_1RB#0\_18000~40000\_18000

~40000



Band42\_20MHz\_QPSK\_42190\_1RB#0\_0.009~0.15\_0.009~0.

15



Band42\_20MHz\_QPSK\_42190\_1RB#0\_0.15~30\_0.15~30

Band42\_20MHz\_QPSK\_42190\_1RB#0\_30~1000\_30~1000

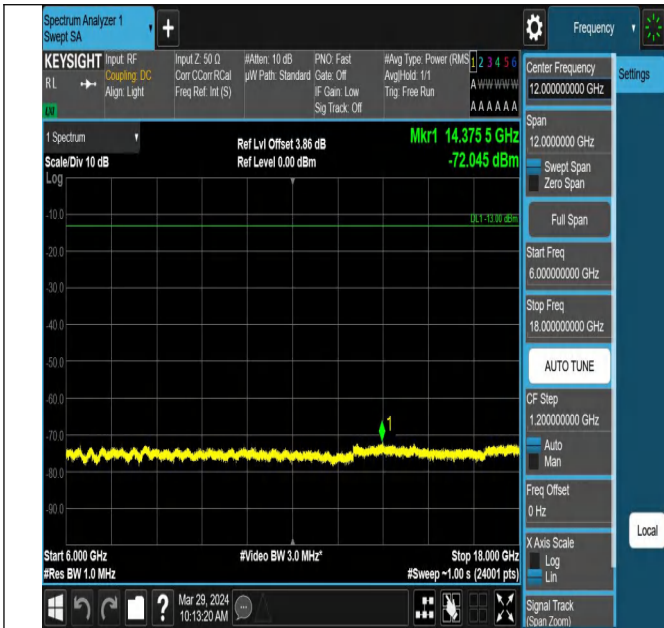


Band42\_20MHz\_QPSK\_42190\_1RB#0\_1000~3000\_1000~30

Band42\_20MHz\_QPSK\_42190\_1RB#0\_3000~6000\_3000~60

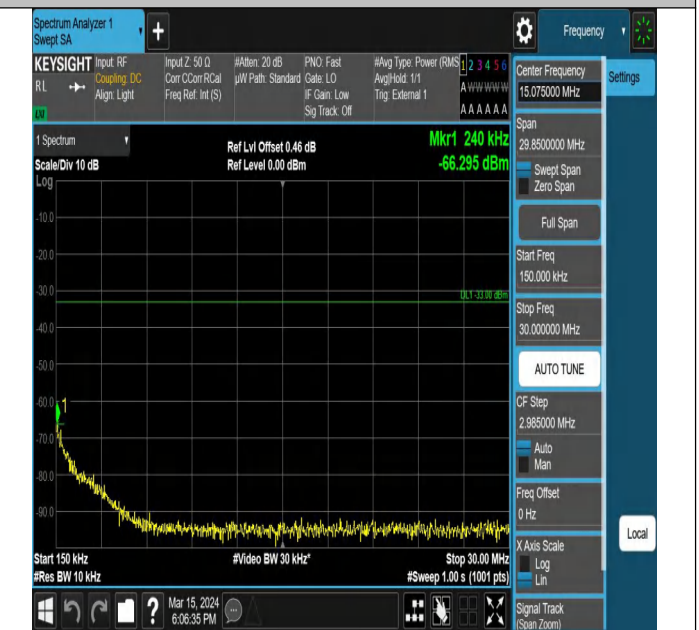
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Band42\_20MHz\_QPSK\_42190\_1RB#0\_6000~18000\_6000~18000

Band42\_20MHz\_QPSK\_42190\_1RB#0\_18000~40000\_18000~40000



Band42\_20MHz\_QPSK\_42590\_1RB#0\_0.009~0.15\_0.009~0.15

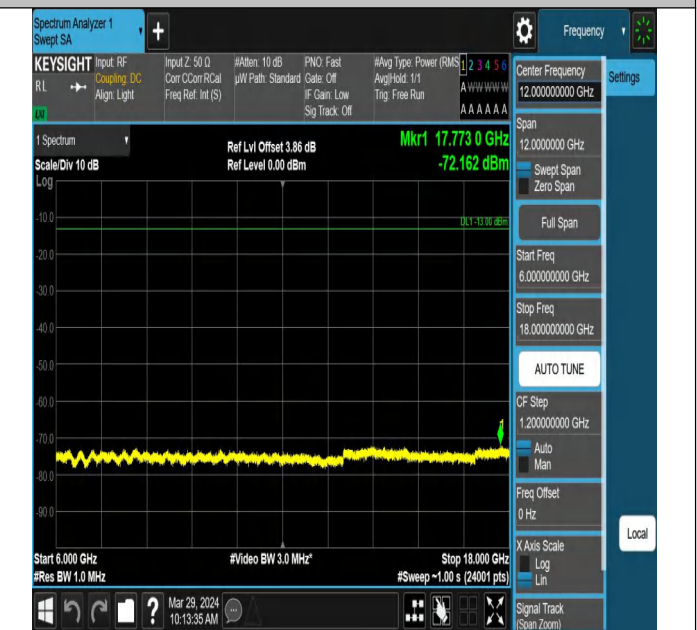
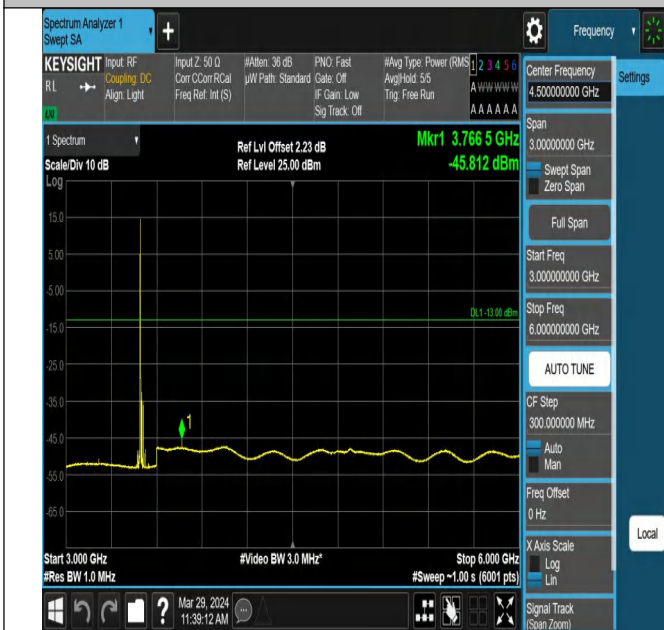
Band42\_20MHz\_QPSK\_42590\_1RB#0\_0.15~30\_0.15~30



Band42\_20MHz\_QPSK\_42590\_1RB#0\_30~1000\_30~1000

Band42\_20MHz\_QPSK\_42590\_1RB#0\_1000~3000\_1000~30

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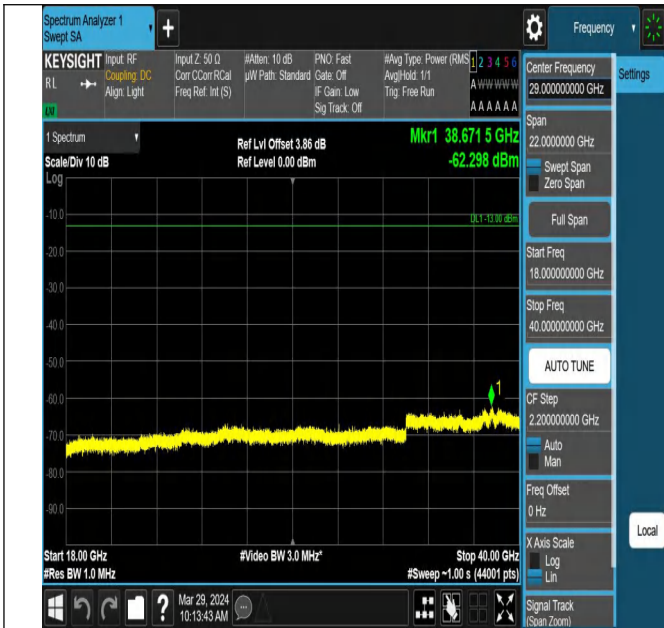


Band42\_20MHz\_QPSK\_42590\_1RB#0\_3000~6000\_3000~60

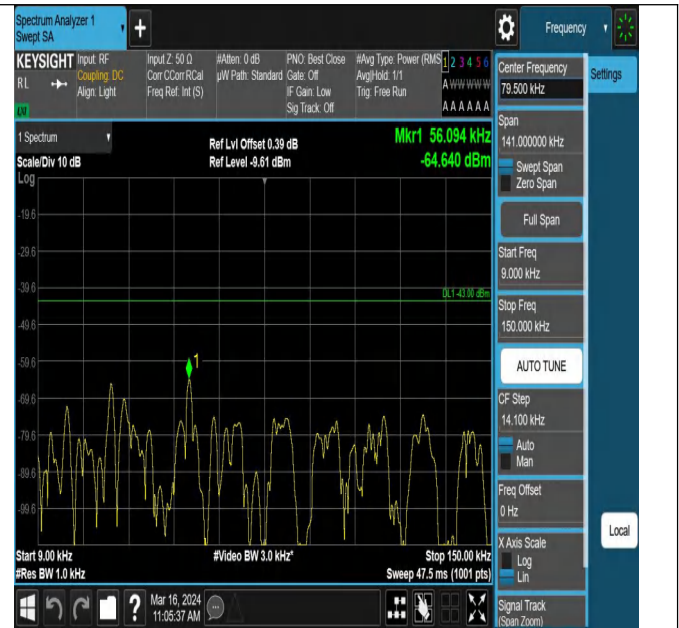
Band42\_20MHz\_QPSK\_42590\_1RB#0\_6000~18000\_6000~1

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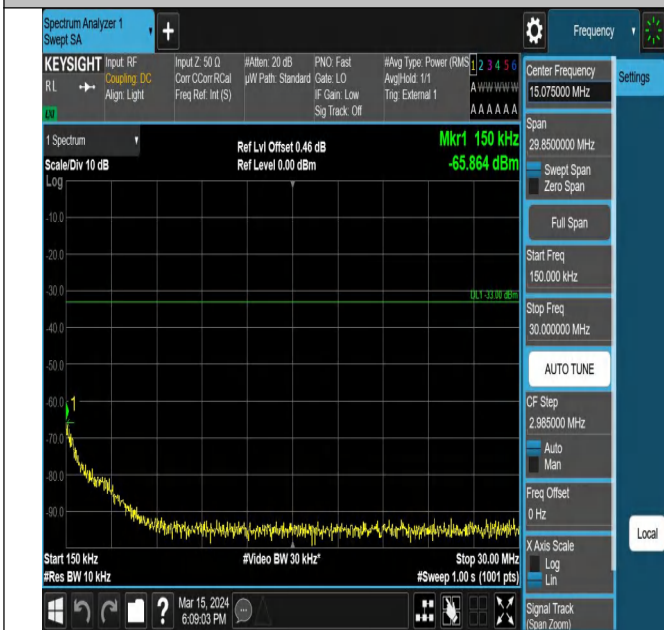
8000



Band42\_20MHz\_QPSK\_42590\_1RB#0\_18000~40000\_18000~40000



Band42\_20MHz\_QPSK\_42990\_1RB#0\_0.009~0.15\_0.009~0.15



Band42\_20MHz\_QPSK\_42990\_1RB#0\_0.15~30\_0.15~30



Band42\_20MHz\_QPSK\_42990\_1RB#0\_30~1000\_30~1000

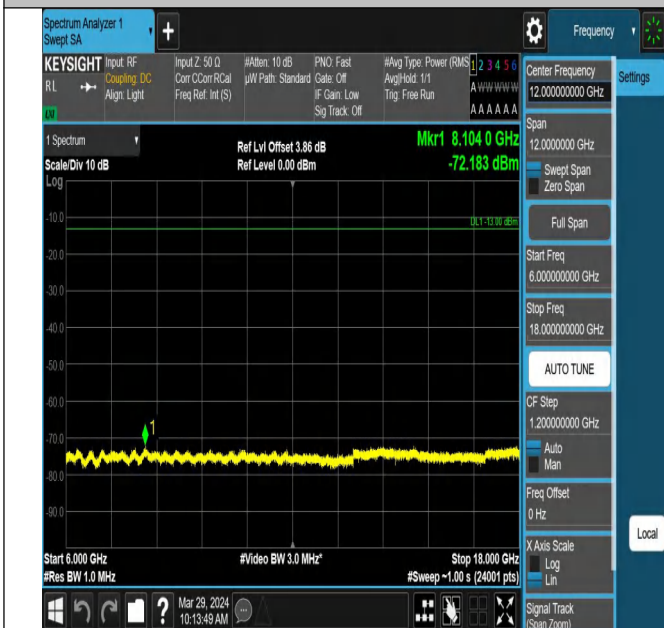


Band42\_20MHz\_QPSK\_42990\_1RB#0\_1000~3000\_1000~30

Band42\_20MHz\_QPSK\_42990\_1RB#0\_3000~6000\_3000~60

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Band42\_20MHz\_QPSK\_42990\_1RB#0\_6000~18000\_6000~1

Band42\_20MHz\_QPSK\_42990\_1RB#0\_18000~40000\_18000

8000

~40000

## Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VN	NT	-13.59	-0.003883	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VL	NT	-6.83	-0.001951	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VH	NT	-6.08	-0.001737	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-30	-3.98	-0.001137	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-20	-10.79	-0.003083	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	-10	-19.38	-0.005537	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	0	-6.02	-0.001720	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	10	-5.04	-0.001440	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	20	-7.72	-0.002206	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	30	-14.27	-0.004077	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	40	-13.19	-0.003769	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	NV	50	-7.55	-0.002157	±2.5	PASS