Appendix for KSCR2404000648AT

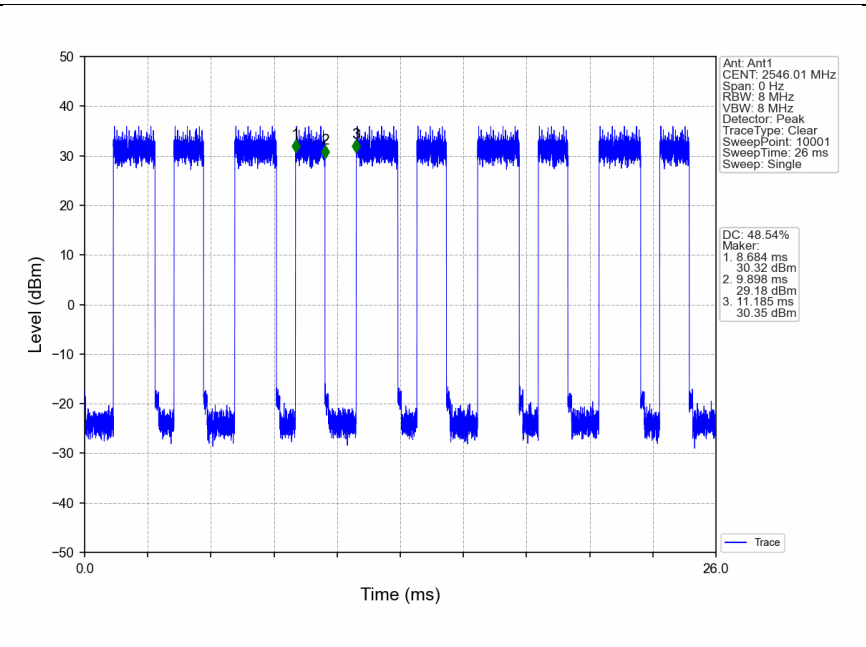
1. Duty Cycle

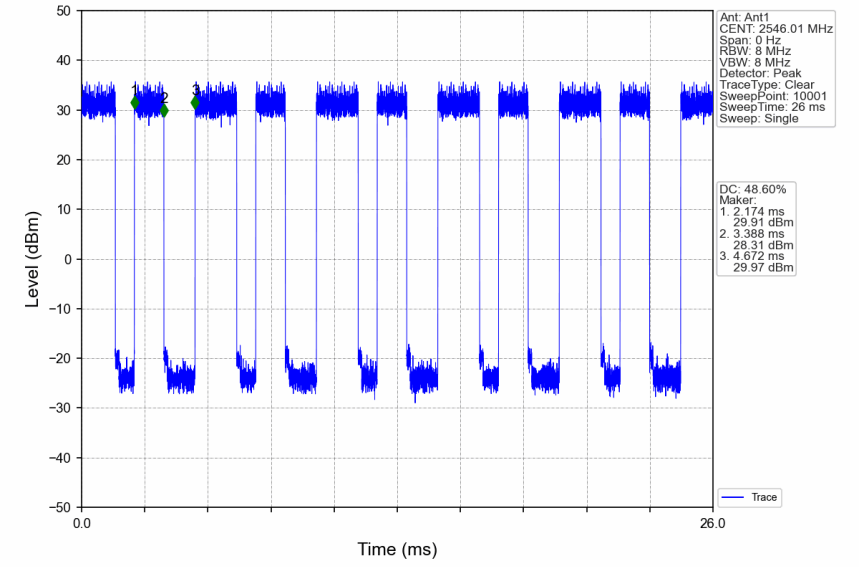
1.1 30_Single_Ant1

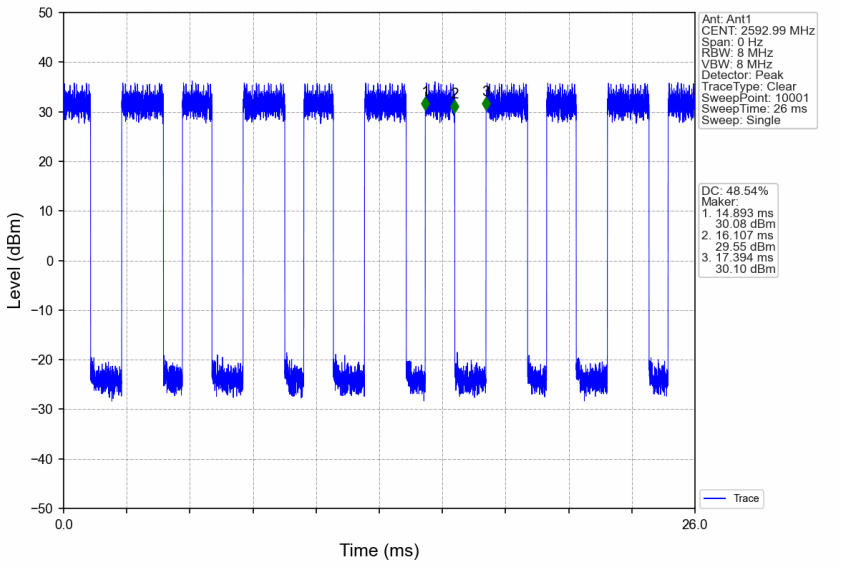
1.1.1 Test Result

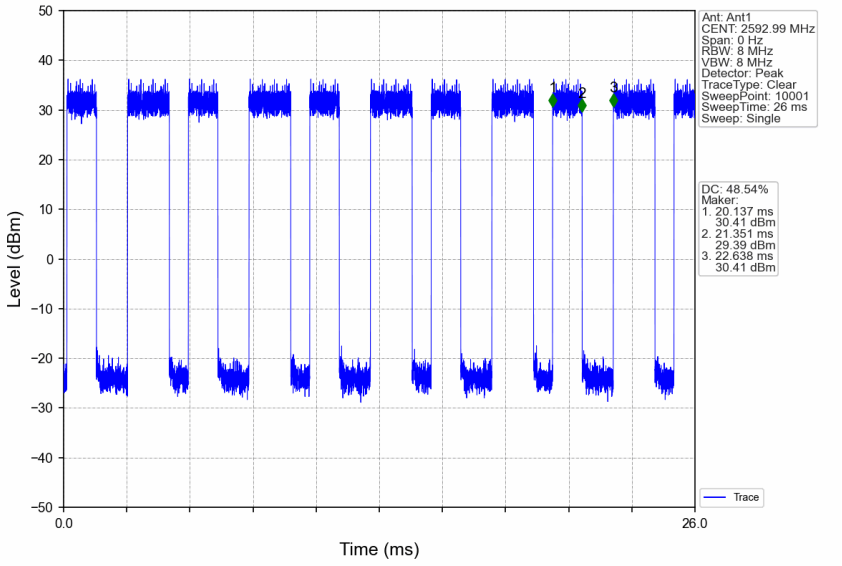
Band n41 Single NTNV Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CC1:100	CC1:2546.01	QPSK	1.214	2.501	48.54	3.14	20.06
		256QAM	1.214	2.498	48.60	3.13	20.01
	CC1:2592.99	QPSK	1.214	2.501	48.54	3.14	20.06
		256QAM	1.214	2.501	48.54	3.14	20.06
	CC1:2640	QPSK	1.215	2.499	48.62	3.13	20.08
		256QAM	1.214	2.498	48.60	3.13	20.01

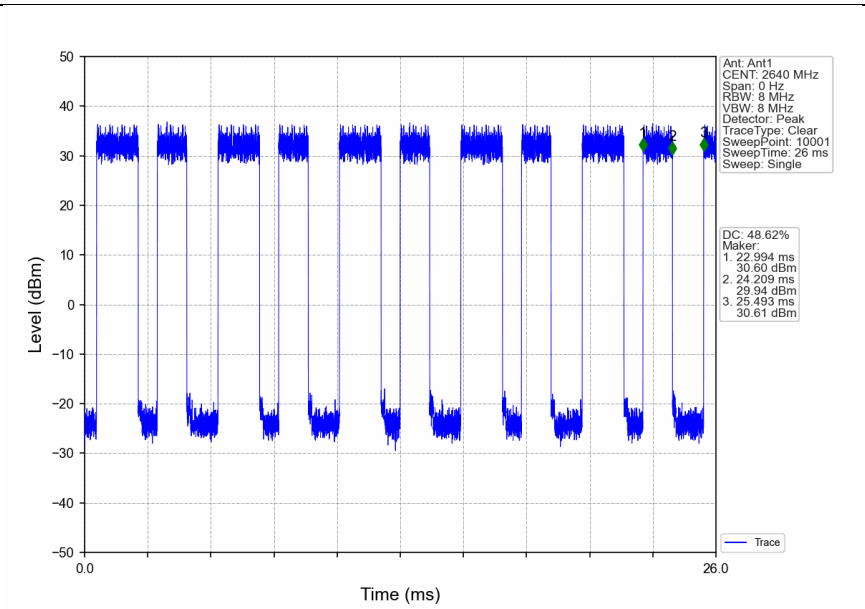
1.1.2 Test Graph

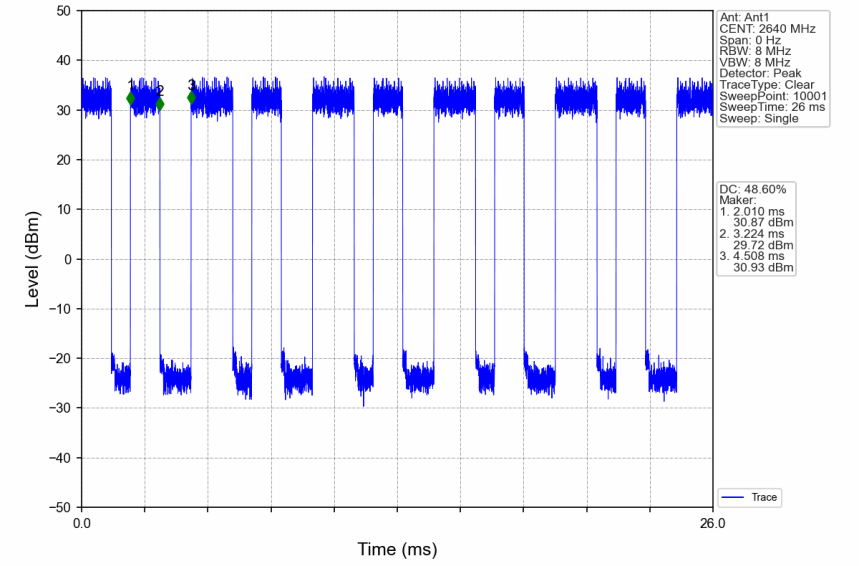





Ant: Ant1
CENT: 2592.99 MHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 10001
SweepTime: 26 ms
Sweep: Single
DC: 48.54%
Maker:
1. 14.893 ms
30.08 dBm
2. 16.107 ms
29.55 dBm
3. 17.394 ms
30.10 dBm
Trace
Level (dBm)
Time (ms)
0.0
26.0


Ant: Ant1
CENT: 2592.99 MHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 10001
SweepTime: 26 ms
Sweep: Single
DC: 48.54%
Maker:
1. 20.137 ms
30.41 dBm
2. 21.351 ms
29.39 dBm
3. 22.638 ms
30.41 dBm
Trace
Level (dBm)
Time (ms)
0.0
26.0


Ant: Ant1
CENT: 2640 MHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 10001
SweepTime: 26 ms
Sweep: Single
DC: 48.62%
Maker:
1. 22.994 ms
30.60 dBm
2. 24.209 ms
29.94 dBm
3. 25.493 ms
30.61 dBm
Trace
Level (dBm)
Time (ms)
0.0
26.0


Ant: Ant1
CENT: 2640 MHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 10001
SweepTime: 26 ms
Sweep: Single
DC: 48.60%
Maker:
1. 2.010 ms
30.87 dBm
2. 3.224 ms
29.72 dBm
3. 4.508 ms
30.93 dBm
Trace
Level (dBm)
Time (ms)
0.0
26.0

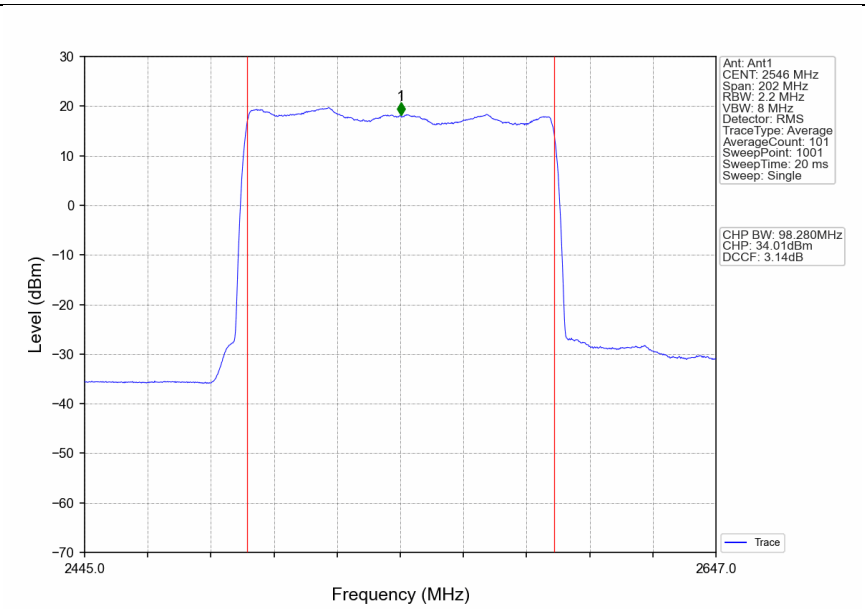
2. Effective (Isotropic) Radiated Power Output Data

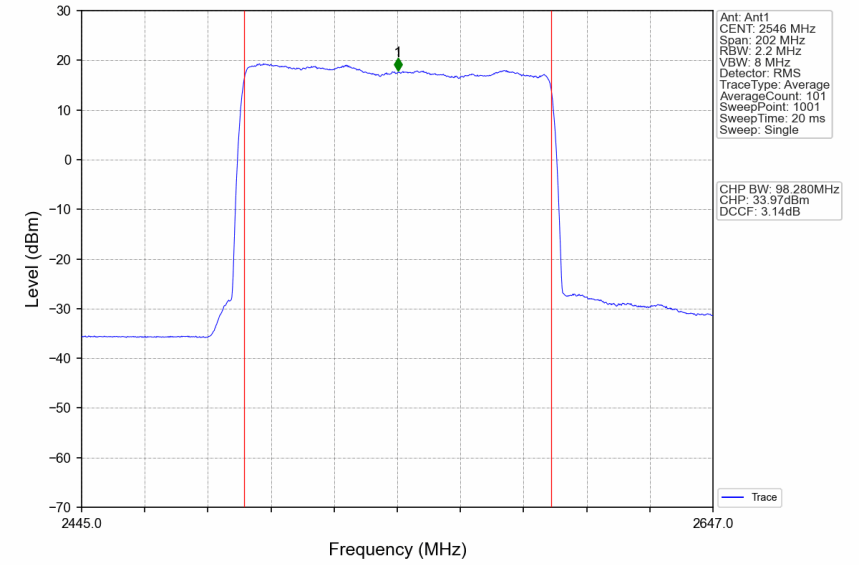
2.1 30_Single_Power

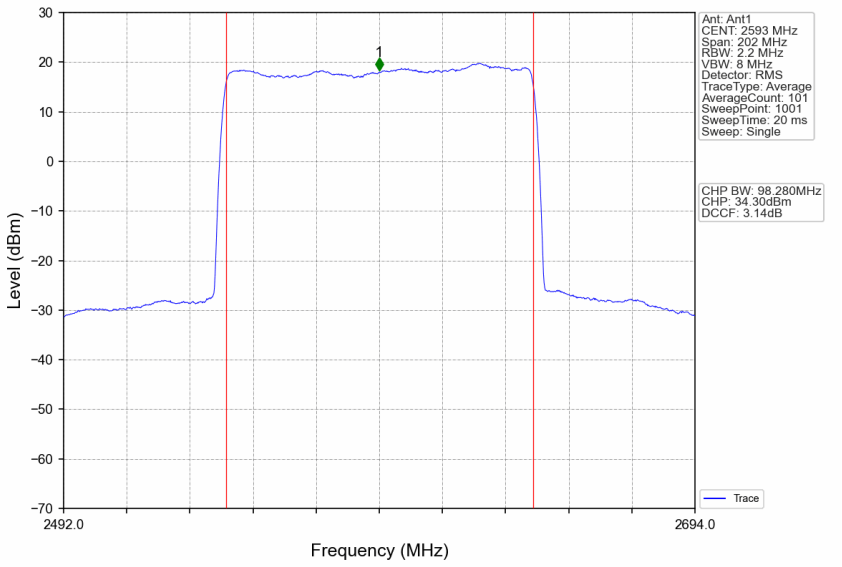
2.1.1 Test Result

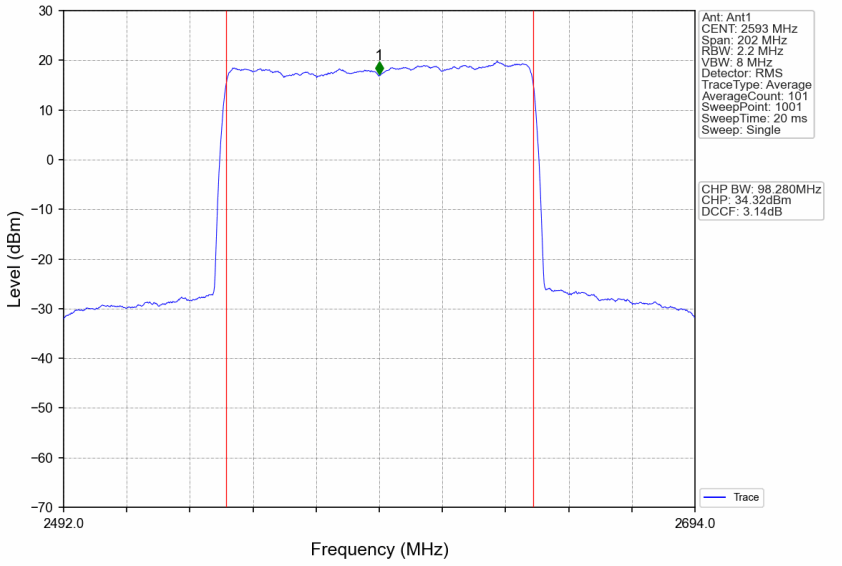
Band n41 Single NTNV							
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant	Conducted Power (dBm)	EIRP (dBm)		Verdict
					Total	Limit	
CC1:100	CC1:2546.01	QPSK	1	37.15	52.15	<=63	Pass
			2X2	40.16	55.16	<=63	Pass
			4X4	43.17	58.17	<=63	Pass
		256QAM	1	37.11	52.11	<=63	Pass
			2X2	40.12	55.12	<=63	Pass
			4X4	43.13	58.13	<=63	Pass
	CC1:2592.99	QPSK	1	37.44	52.44	<=63	Pass
			2X2	40.45	55.45	<=63	Pass
			4X4	43.46	58.46	<=63	Pass
		256QAM	1	37.41	52.41	<=63	Pass
			2X2	40.42	55.42	<=63	Pass
			4X4	43.43	58.43	<=63	Pass
	CC1:2640	QPSK	1	37.22	52.22	<=63	Pass
			2X2	40.23	55.23	<=63	Pass
			4X4	43.24	58.24	<=63	Pass
		256QAM	1	37.18	52.18	<=63	Pass
			2X2	40.19	55.19	<=63	Pass
			4X4	43.20	58.20	<=63	Pass

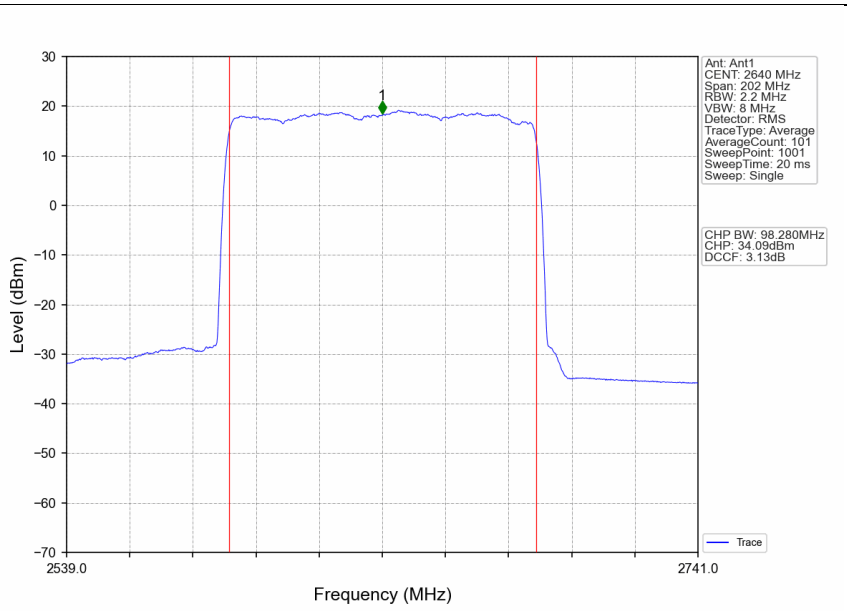
2.1.2 Test Graph

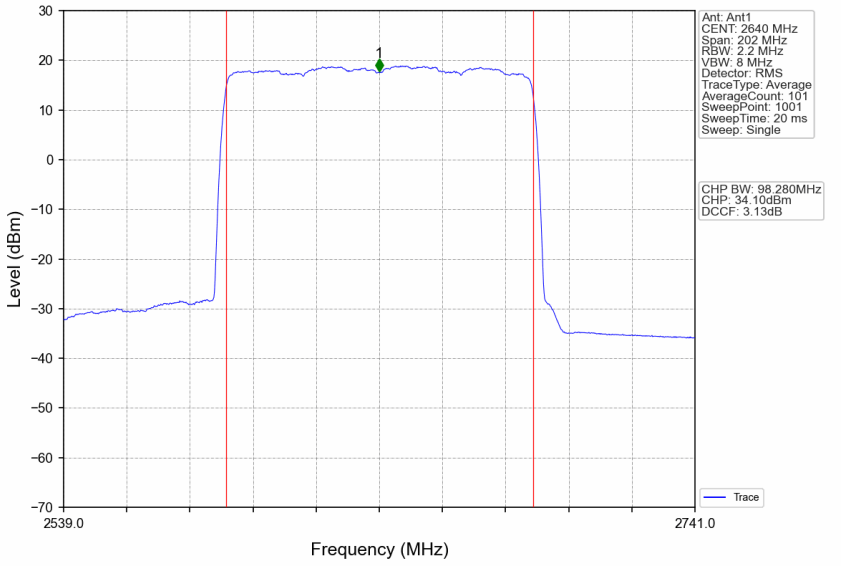





Ant: Ant1
CENT: 2593 MHz
Span: 202 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 20 ms
Sweep: Single
CHP BW: 98.280MHz
CHP: 34.30dBm
DCCF: 3.14dB
Trace
Level (dBm)
Frequency (MHz)
2492.0
2694.0


Ant: Ant1
CENT: 2593 MHz
Span: 202 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 20 ms
Sweep: Single
CHP BW: 98.280MHz
CHP: 34.32dBm
DCCF: 3.14dB
Trace
Level (dBm)
Frequency (MHz)
2492.0
2694.0


Ant: Ant1
CENT: 2640 MHz
Span: 202 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 20 ms
Sweep: Single
CHP BW: 98.280MHz
CHP: 34.09dBm
DCCF: 3.13dB
Trace
Level (dBm)
Frequency (MHz)
2539.0
2741.0


Ant: Ant1
CENT: 2640 MHz
Span: 202 MHz
RBW: 2.2 MHz
VBW: 8 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 20 ms
Sweep: Single
CHP BW: 98.280MHz
CHP: 34.10dBm
DCCF: 3.13dB
Trace
Level (dBm)
Frequency (MHz)
2539.0
2741.0

3. Frequency Stability

3.1 30_Single_Ant1

3.1.1 Test Result

Band n41 Single NTNV Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	Temp. (°C)	Voltage (VDC)	Result (MHz)	Limit (MHz)	Verdict
CC1:100	CC1:2546.01	QPSK	20	40.8	2497.029	>2496	Pass
				48.0	2497.024	>2496	Pass
				55.2	2497.035	>2496	Pass
			-30	48.0	2497.041	>2496	Pass
			-20	48.0	2497.011	>2496	Pass
			-10	48.0	2497.015	>2496	Pass
			0	48.0	2497.026	>2496	Pass
			10	48.0	2497.029	>2496	Pass
			30	48.0	2497.045	>2496	Pass
			40	48.0	2497.009	>2496	Pass
			50	48.0	2497.017	>2496	Pass
		256QAM	20	40.8	2496.934	>2496	Pass
				48.0	2496.918	>2496	Pass
				55.2	2496.911	>2496	Pass
			-30	48.0	2496.953	>2496	Pass
			-20	48.0	2496.907	>2496	Pass
			-10	48.0	2496.945	>2496	Pass
			0	48.0	2496.929	>2496	Pass
			10	48.0	2496.942	>2496	Pass
			30	48.0	2496.930	>2496	Pass
			40	48.0	2496.904	>2496	Pass
			50	48.0	2496.922	>2496	Pass
	CC1:2640	QPSK	20	40.8	2688.833	<2690	Pass
				48.0	2688.815	<2690	Pass
				55.2	2688.826	<2690	Pass
			-30	48.0	2688.824	<2690	Pass
			-20	48.0	2688.836	<2690	Pass
			-10	48.0	2688.844	<2690	Pass
			0	48.0	2688.806	<2690	Pass
			10	48.0	2688.820	<2690	Pass
			30	48.0	2688.818	<2690	Pass
			40	48.0	2688.829	<2690	Pass
			50	48.0	2688.834	<2690	Pass
		256QAM	20	40.8	2688.746	<2690	Pass
				48.0	2688.710	<2690	Pass
				55.2	2688.735	<2690	Pass
			-30	48.0	2688.721	<2690	Pass
			-20	48.0	2688.740	<2690	Pass
			-10	48.0	2688.725	<2690	Pass
			0	48.0	2688.717	<2690	Pass
			10	48.0	2688.711	<2690	Pass
			30	48.0	2688.705	<2690	Pass
			40	48.0	2688.729	<2690	Pass
			50	48.0	2688.738	<2690	Pass

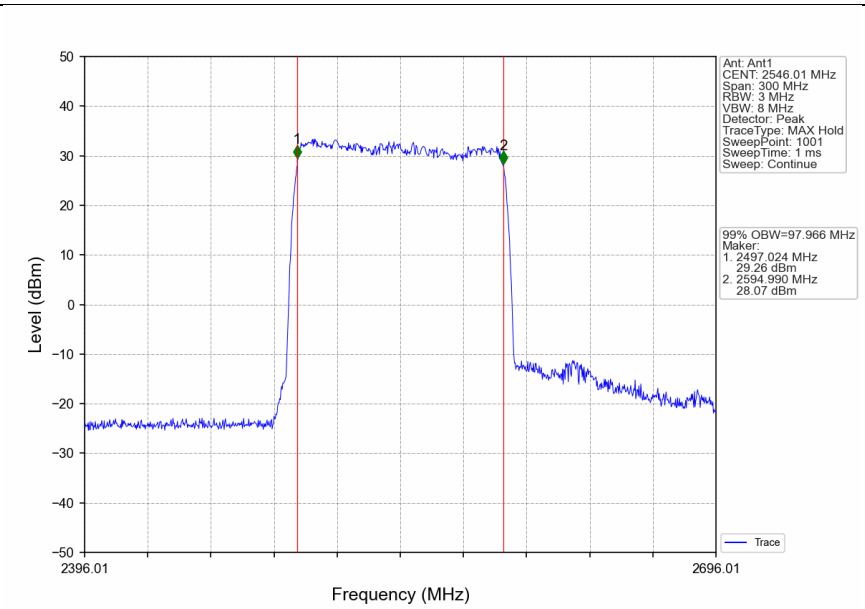
4. 99% & 26dB Bandwidth

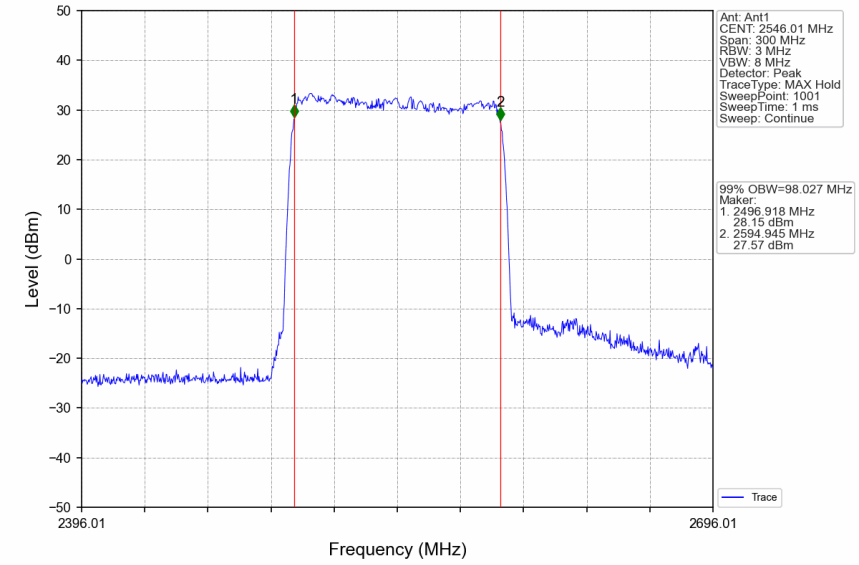
4.1 30_Single_OBW

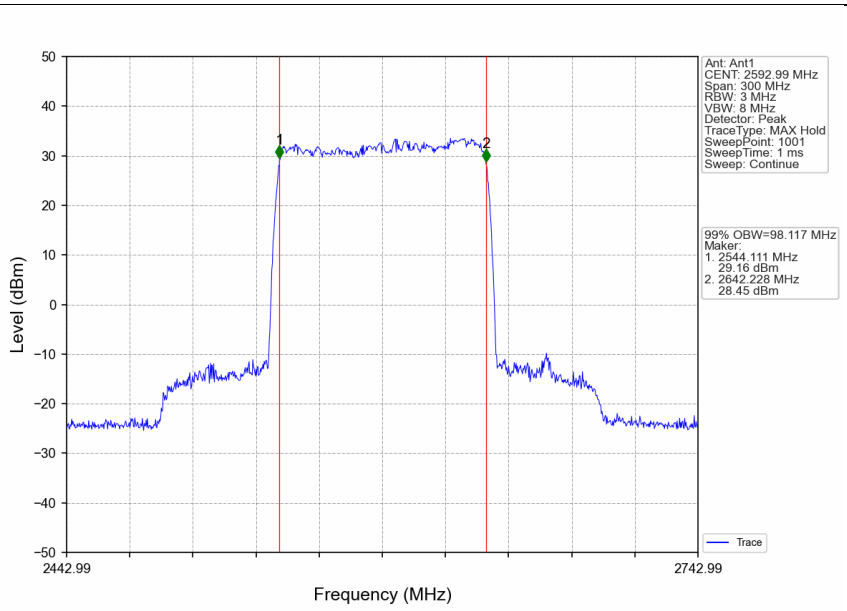
4.1.1 Test Result

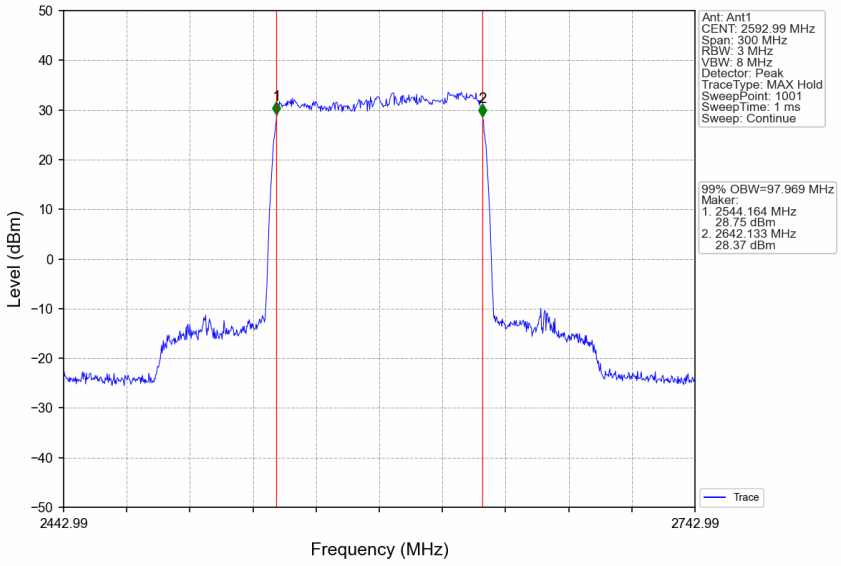
Band n41 Single NTNV						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:100	CC1:2546.01	QPSK	1	97.97	/	Pass
		256QAM	1	98.03	/	Pass
	CC1:2592.99	QPSK	1	98.12	/	Pass
		256QAM	1	97.97	/	Pass
	CC1:2640	QPSK	1	97.55	/	Pass
		256QAM	1	97.56	/	Pass

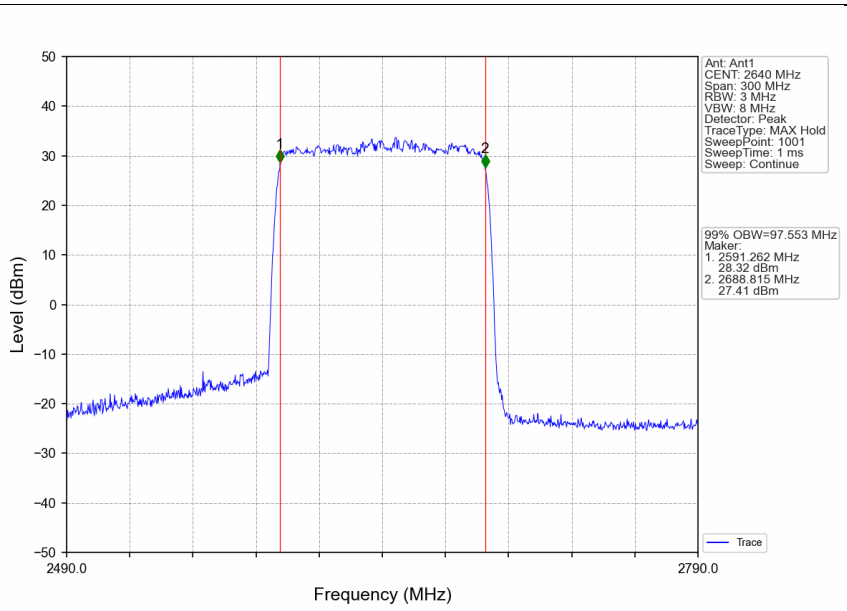
4.1.2 Test Graph

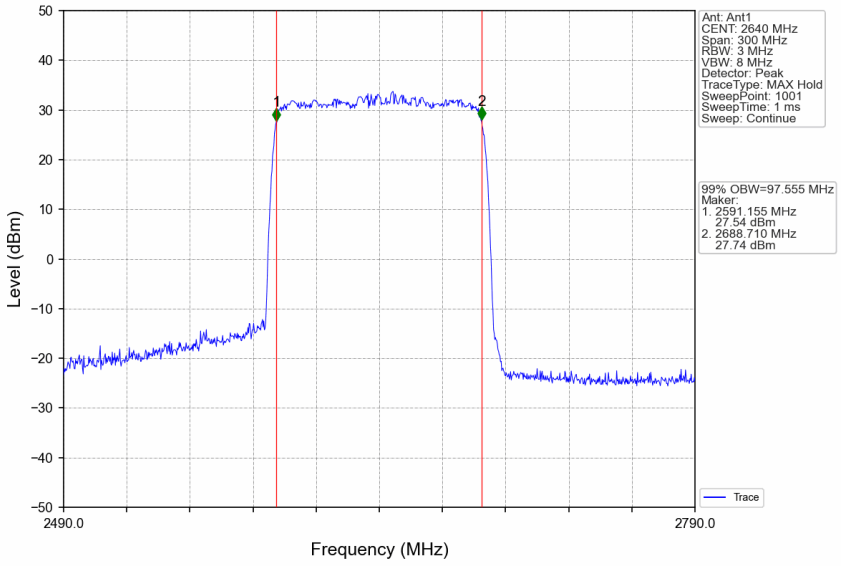





Ant: Ant1
CENT: 2592.99 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
99% OBW=98.117 MHz
Maker:
1. 2544.111 MHz
29.16 dBm
2. 2642.228 MHz
28.45 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.99
2742.99


Ant: Ant1
CENT: 2592.99 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
99% OBW=97.969 MHz
Maker:
1. 2544.164 MHz
28.75 dBm
2. 2642.133 MHz
28.37 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.99
2742.99


Ant: Ant1
CENT: 2640 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
99% OBW=97.553 MHz
Maker:
1. 2591.262 MHz
28.32 dBm
2. 2688.815 MHz
27.41 dBm
Trace
Level (dBm)
Frequency (MHz)
2490.0
2790.0

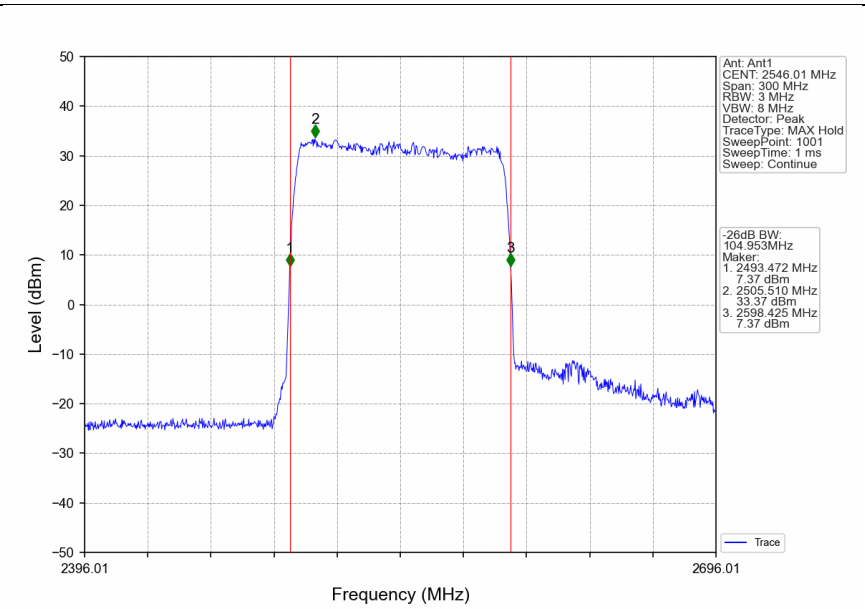

Ant: Ant1
CENT: 2640 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
99% OBW=97.555 MHz
Maker:
1. 2591.155 MHz
27.54 dBm
2. 2688.710 MHz
27.74 dBm
Trace
Level (dBm)
Frequency (MHz)
2490.0
2790.0

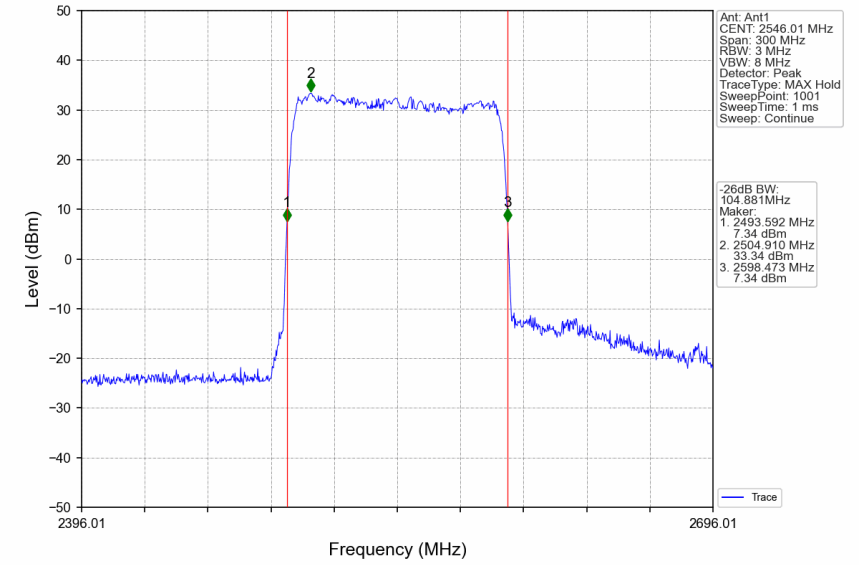
4.2 30_Single_XDB

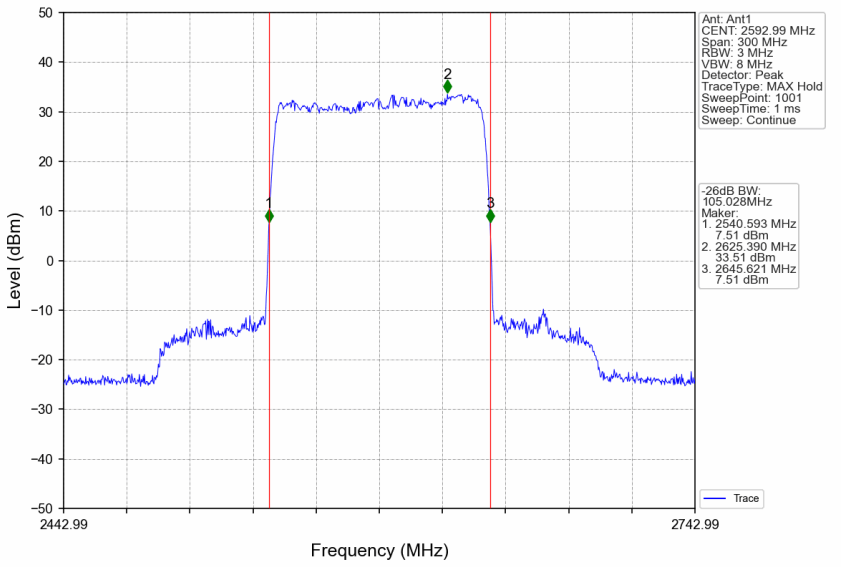
4.2.1 Test Result

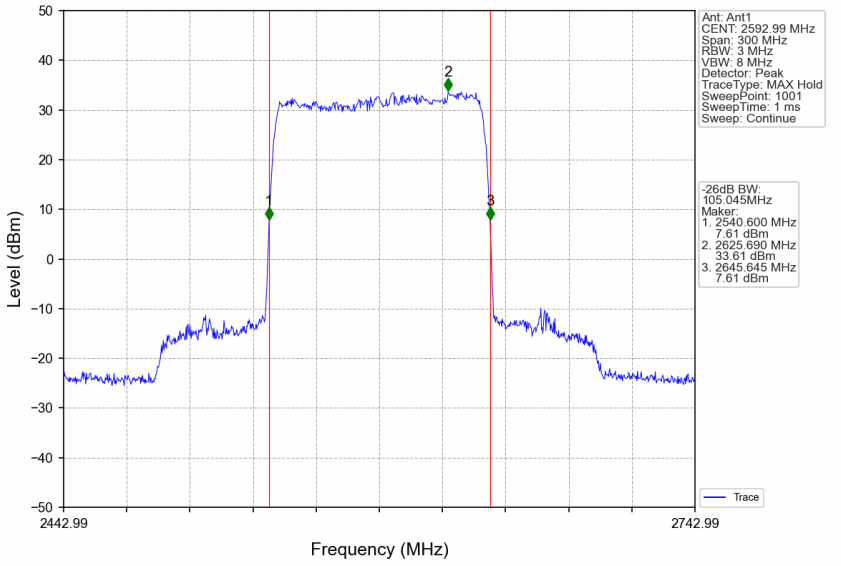
Band n41 Single NTNV						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:100	CC1:2546.01	QPSK	1	104.95	/	Pass
		256QAM	1	104.88	/	Pass
	CC1:2592.99	QPSK	1	105.03	/	Pass
		256QAM	1	105.05	/	Pass
	CC1:2640	QPSK	1	104.65	/	Pass
		256QAM	1	104.67	/	Pass

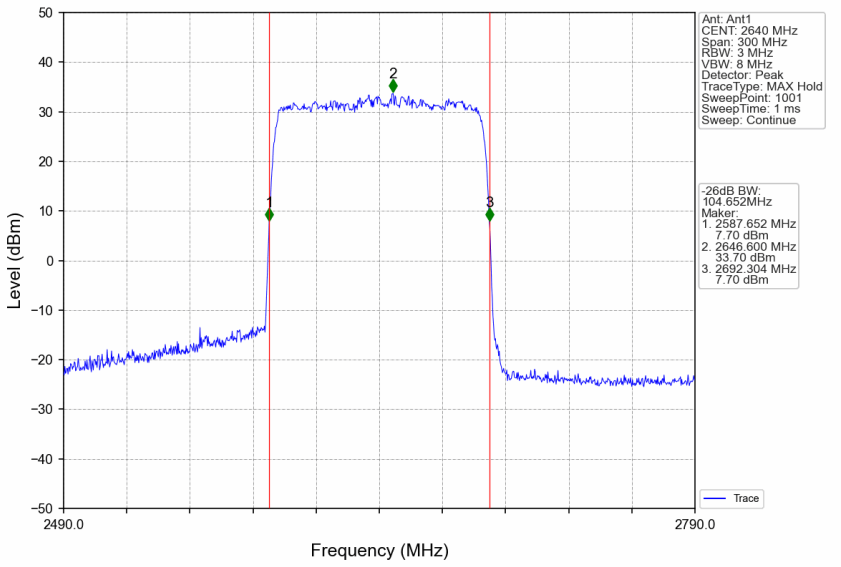
4.2.2 Test Graph

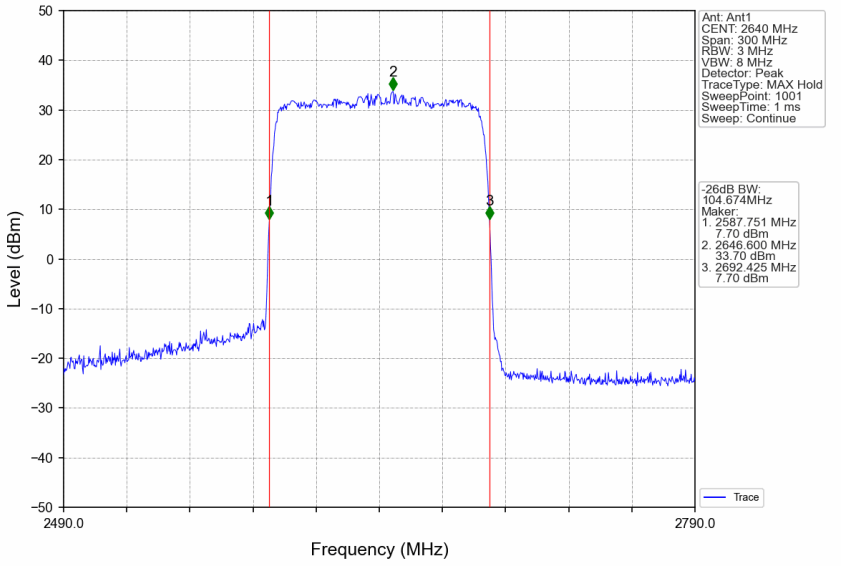





Ant: Ant1
CENT: 2592.99 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
-26dB BW:
105.028MHz
Maker:
1. 2540.593 MHz
7.51 dBm
2. 2625.390 MHz
33.51 dBm
3. 2645.621 MHz
7.51 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.99
2742.99


Ant: Ant1
CENT: 2592.99 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
-26dB BW:
105.045MHz
Maker:
1. 2540.600 MHz
7.61 dBm
2. 2625.690 MHz
33.61 dBm
3. 2645.645 MHz
7.61 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.99
2742.99


Ant: Ant1
CENT: 2640 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
-26dB BW:
104.652MHz
Maker:
1. 2587.652 MHz
7.70 dBm
2. 2646.600 MHz
33.70 dBm
3. 2692.304 MHz
7.70 dBm
Trace
Level (dBm)
Frequency (MHz)
2490.0
2790.0


Ant: Ant1
CENT: 2640 MHz
Span: 300 MHz
RBW: 3 MHz
VBW: 8 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue
-26dB BW:
104.674MHz
Maker:
1. 2587.751 MHz
7.70 dBm
2. 2646.600 MHz
33.70 dBm
3. 2692.425 MHz
7.70 dBm
Trace
Level (dBm)
Frequency (MHz)
2490.0
2790.0

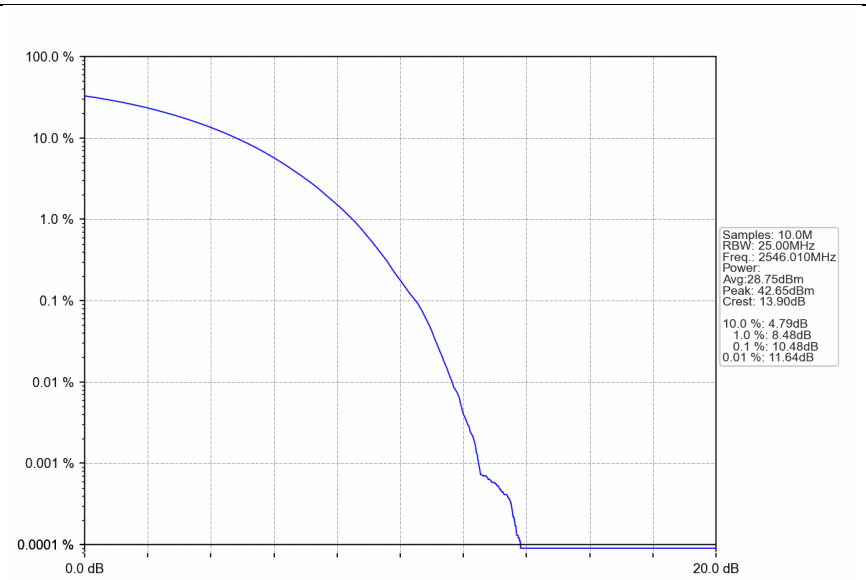
5. Peak-Average Ratio

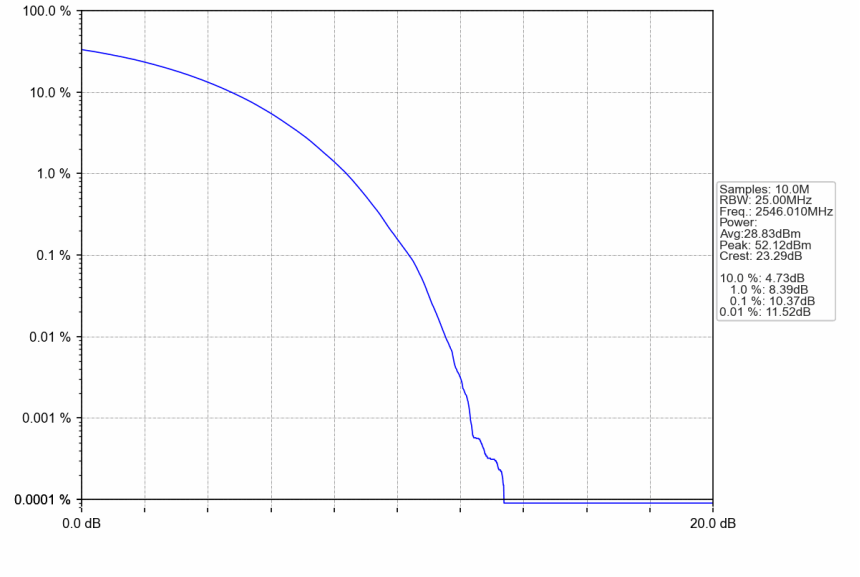
5.1 30_Single

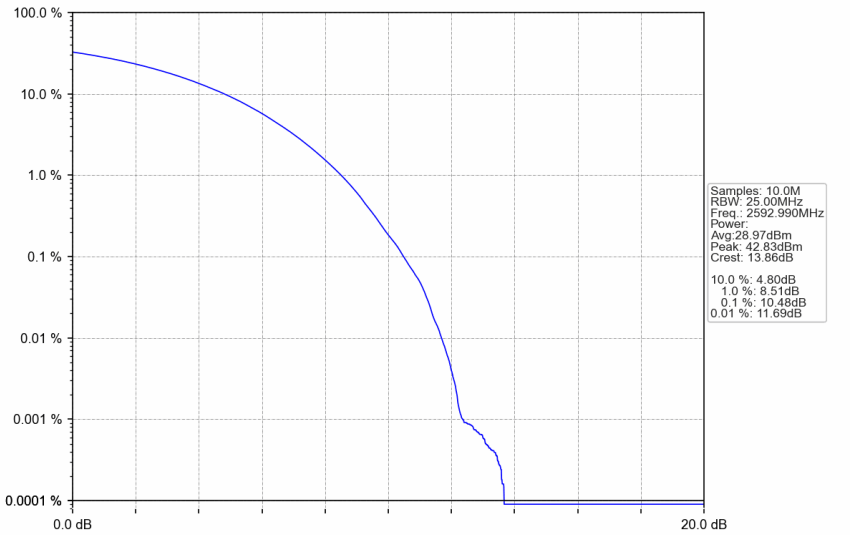
5.1.1 Test Result

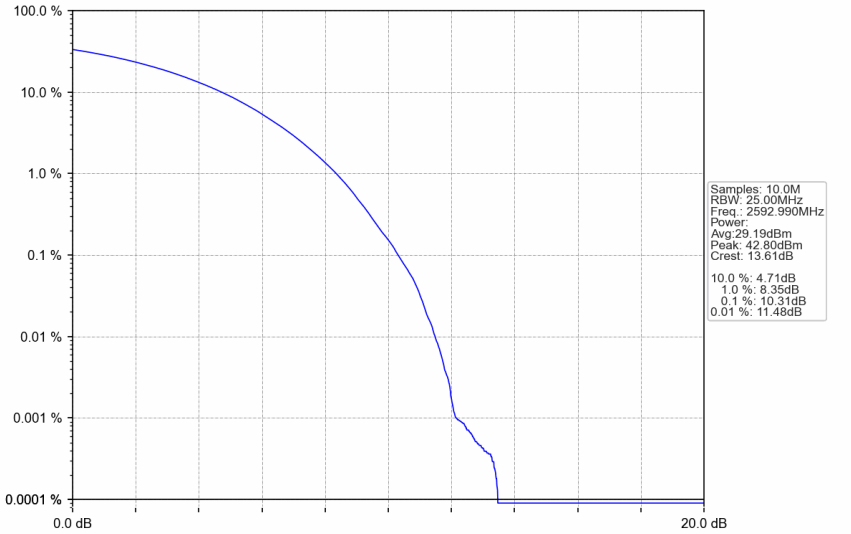
Band n41 Single NTNV Ant1						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Peak-Average Ratio (dB)		Verdict
				Result	Limit	
CC1:100	CC1:2546.01	QPSK	1	10.48	<=13	Pass
		256QAM	1	10.37	<=13	Pass
	CC1:2592.99	QPSK	1	10.48	<=13	Pass
		256QAM	1	10.31	<=13	Pass
	CC1:2640	QPSK	1	10.43	<=13	Pass
		256QAM	1	10.32	<=13	Pass

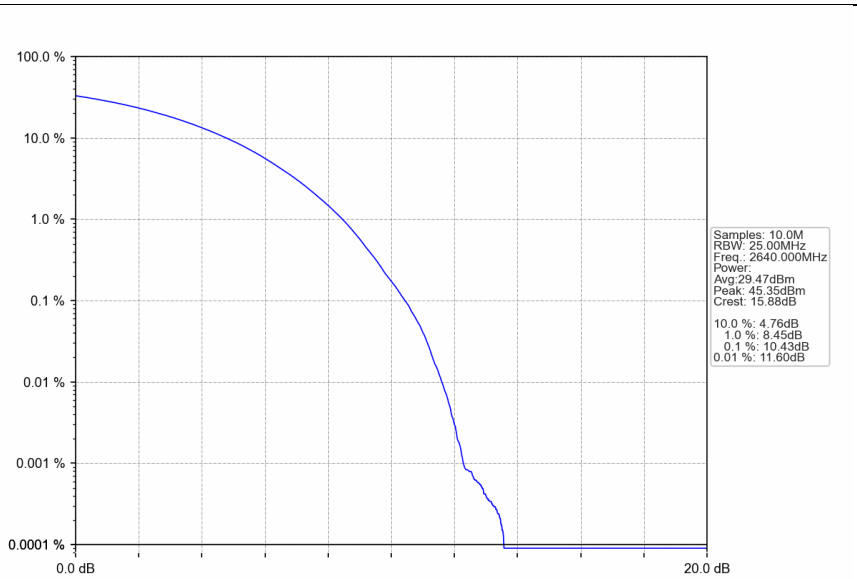
5.1.2 Test Graph

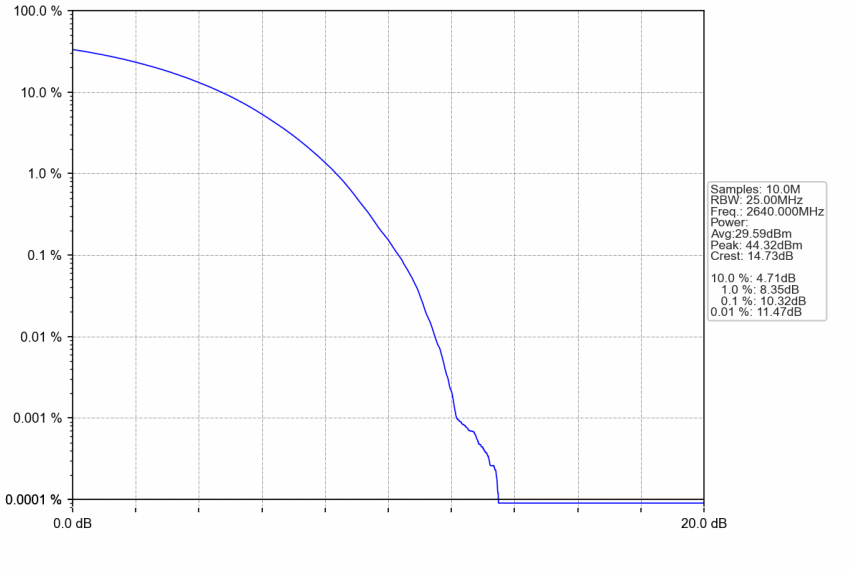





100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples: 10.0M
RBW: 25.00MHz
Freq.: 2592.990MHz
Power:
Avg:28.97dBm
Peak: 42.83dBm
Crest: 13.86dB
10.0 %: 4.80dB
1.0 %: 8.51dB
0.1 %: 10.48dB
0.01 %: 11.69dB


100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples: 10.0M
RBW: 25.00MHz
Freq.: 2592.990MHz
Power:
Avg:29.19dBm
Peak: 42.80dBm
Crest: 13.61dB
10.0 %: 4.71dB
1.0 %: 8.35dB
0.1 %: 10.31dB
0.01 %: 11.48dB


100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples: 10.0M
RBW: 25.00MHz
Freq.: 2640.000MHz
Power:
Avg:29.47dBm
Peak: 45.35dBm
Crest: 15.88dB
10.0 %: 4.76dB
1.0 %: 8.45dB
0.1 %: 10.43dB
0.01 %: 11.60dB


100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples: 10.0M
RBW: 25.00MHz
Freq.: 2640.000MHz
Power:
Avg:29.59dBm
Peak: 44.32dBm
Crest: 14.73dB
10.0 %: 4.71dB
1.0 %: 8.35dB
0.1 %: 10.32dB
0.01 %: 11.47dB

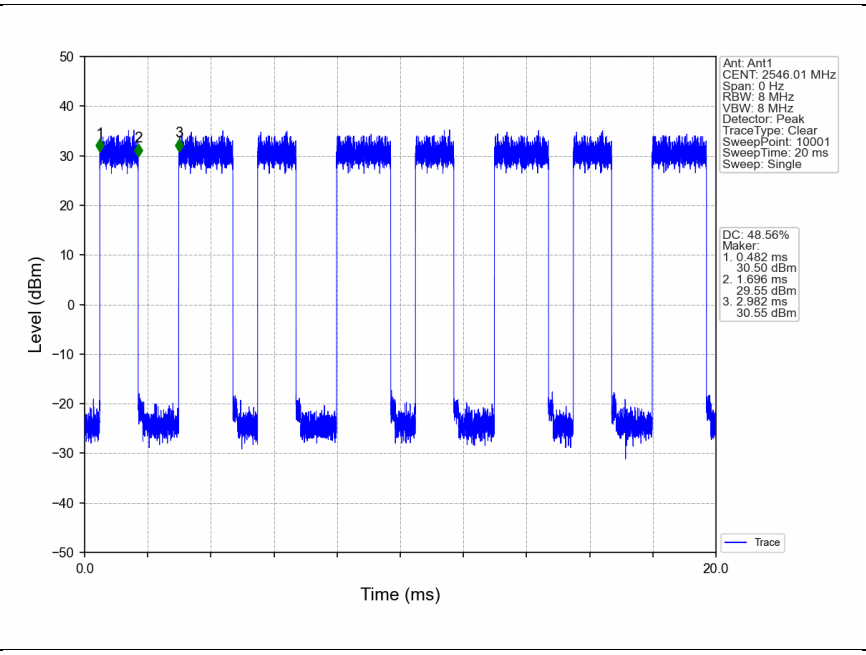
6. Spurious Emission

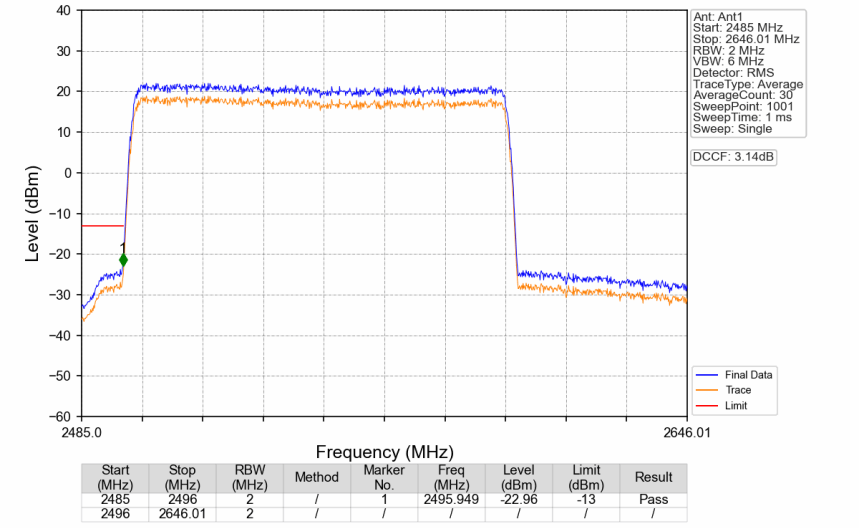
6.1 30_Single

6.1.1 Test Result

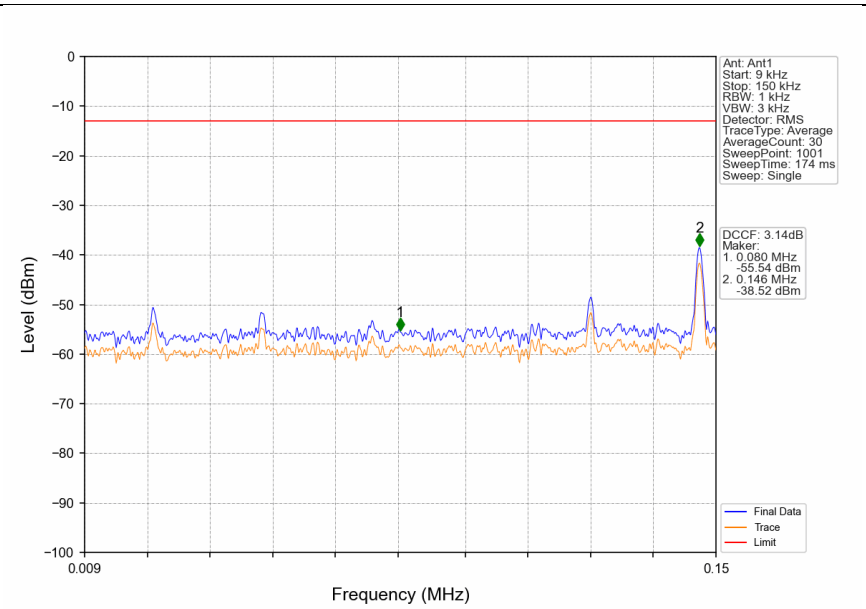
Band n41 Single NTNV Ant1						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Spurious Emission		Verdict
				Result	Limit	
CC1:100	CC1:2546.01	QPSK	1	Refer To Test Graph		Pass
		256QAM	1	Refer To Test Graph		Pass
	CC1:2592.99	QPSK	1	Refer To Test Graph		Pass
		256QAM	1	Refer To Test Graph		Pass
	CC1:2640	QPSK	1	Refer To Test Graph		Pass
		256QAM	1	Refer To Test Graph		Pass

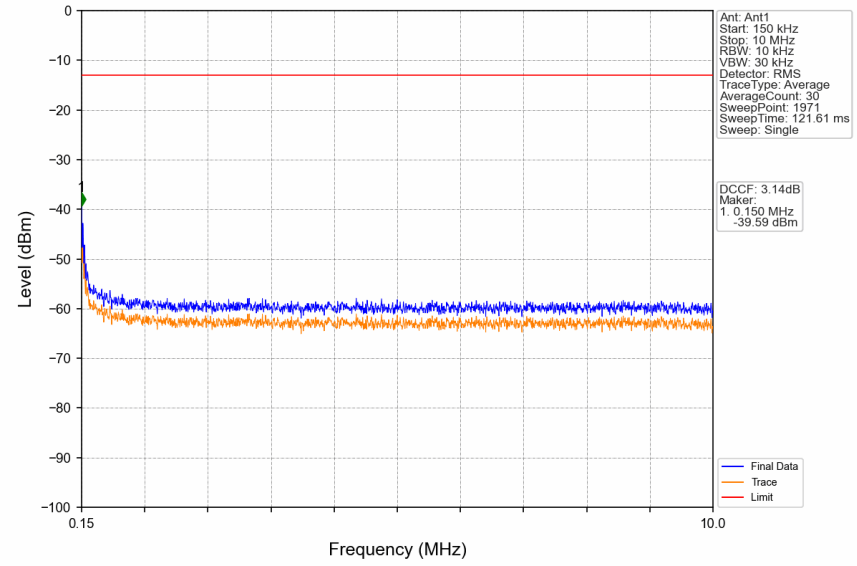
6.1.2 Test Graph

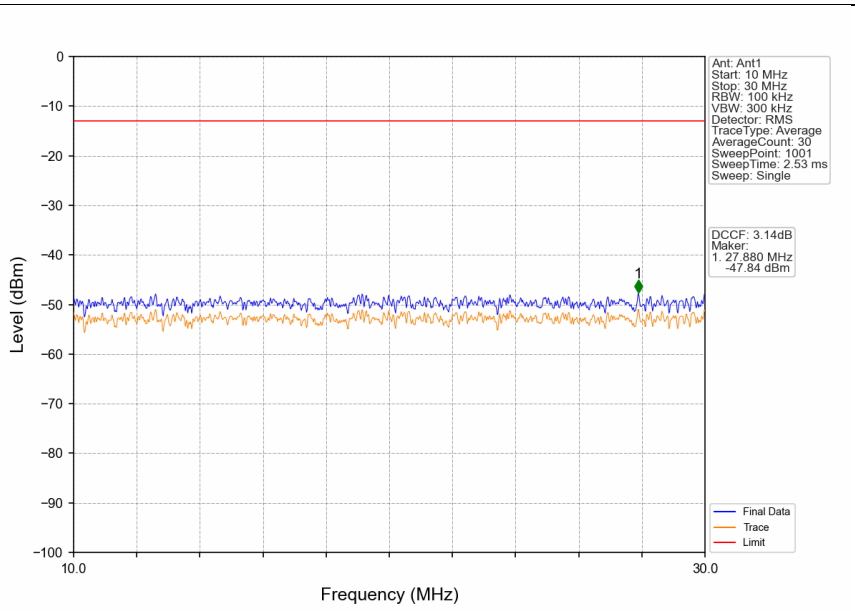


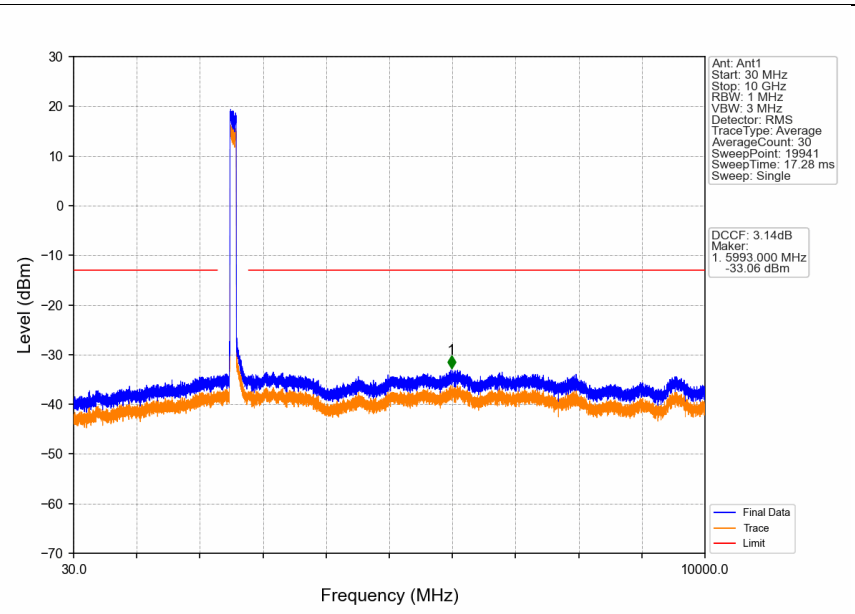


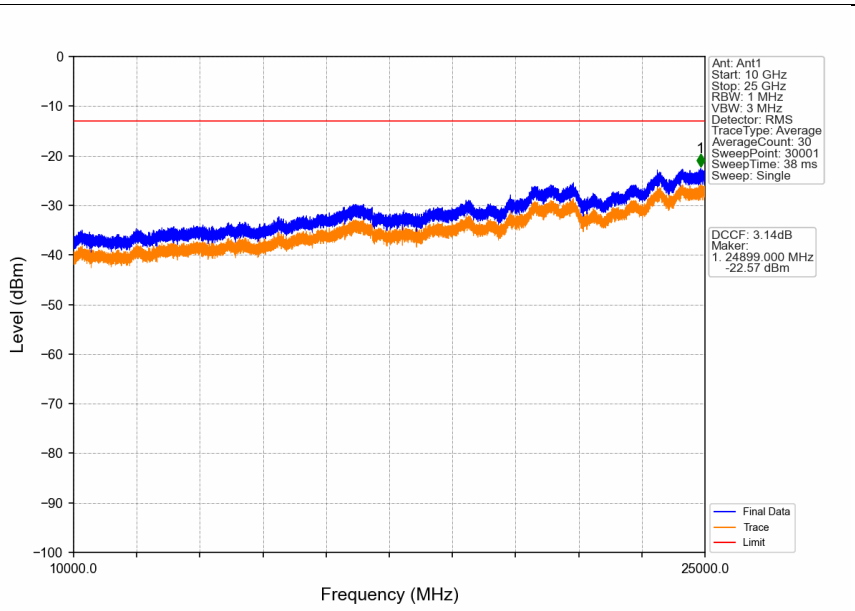
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2496	2	/	1	2495.949	-22.96	-13	Pass
2496	2646.01	2	/	/	/	/	/	/

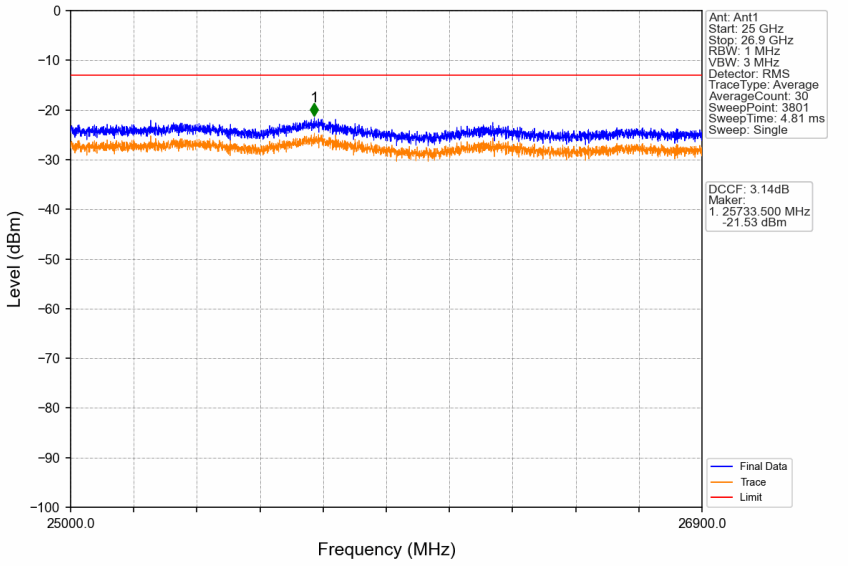

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.080 MHz
-55.54 dBm
2. 0.146 MHz
-38.52 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15

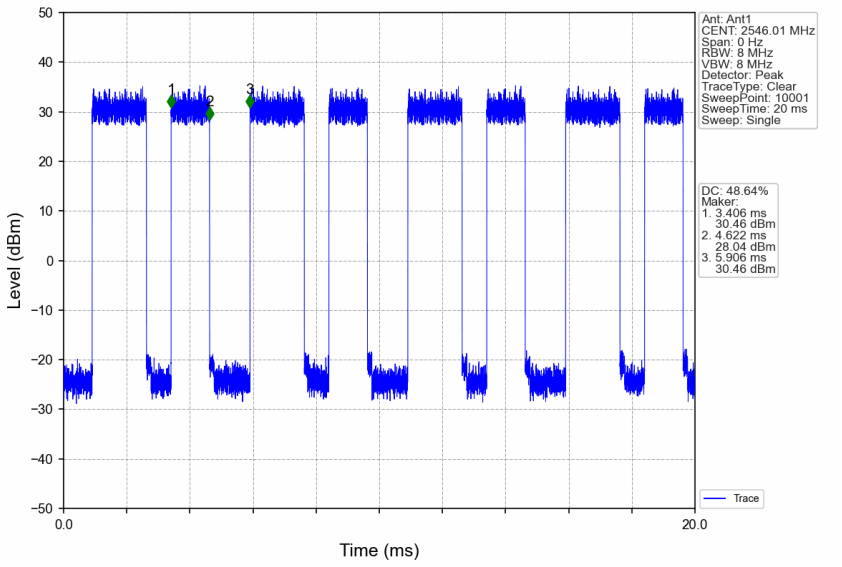

Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.150 MHz
-39.59 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0

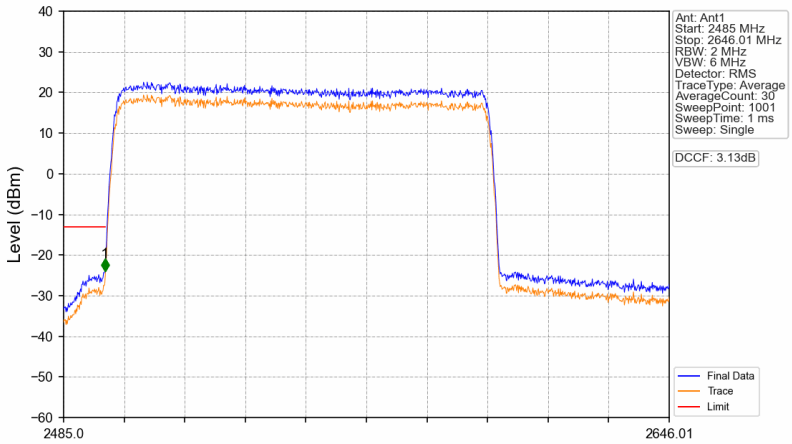

Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 27.880 MHz
-47.84 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 5993.000 MHz
-33.06 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0

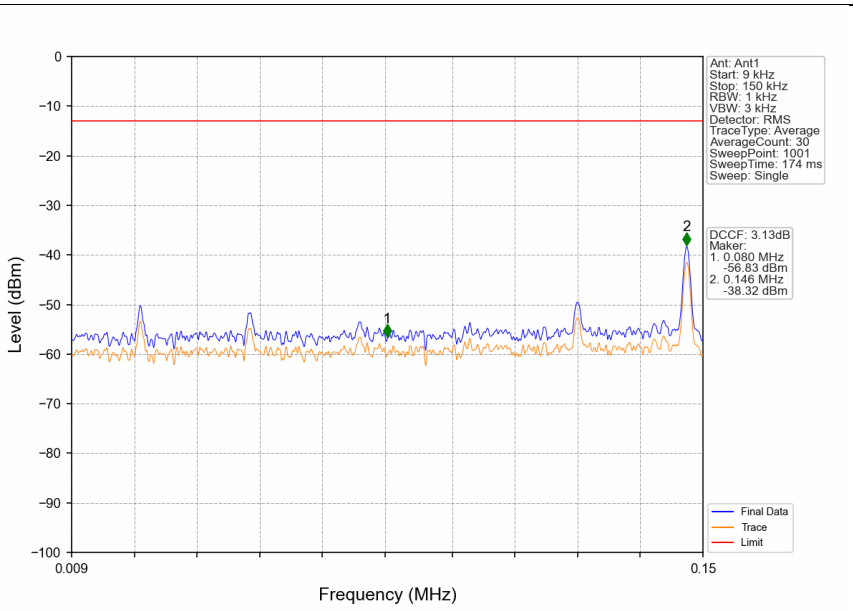

Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 24899.000 MHz
-22.57 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10000.0
25000.0

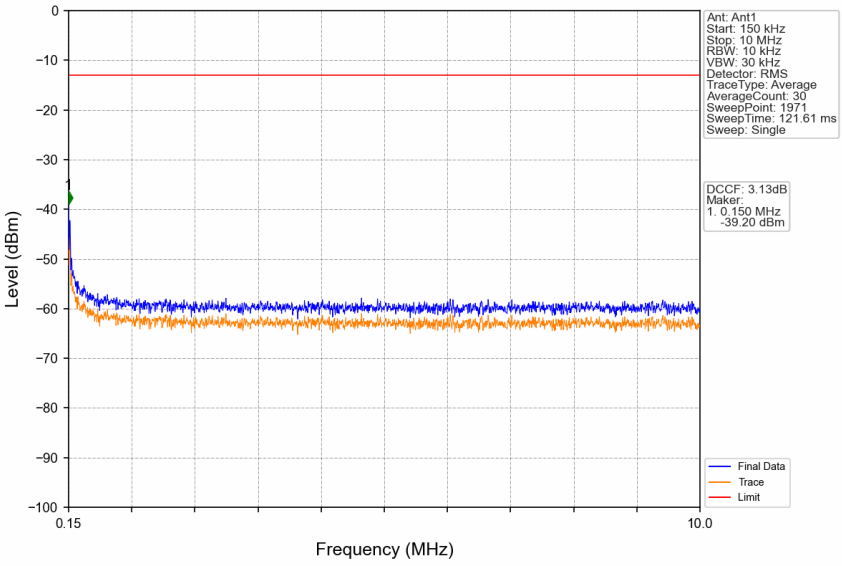

Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 25733.500 MHz
-21.53 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
25000.0
26900.0

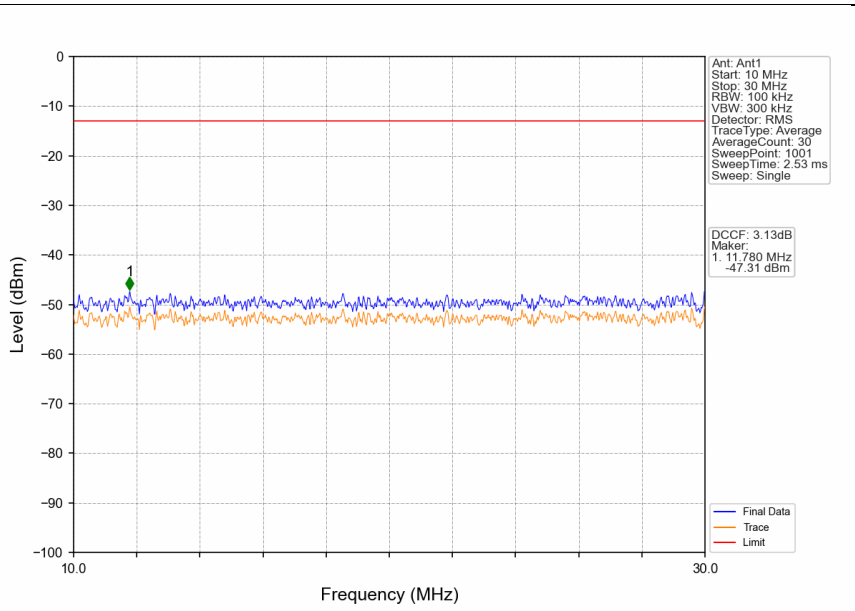


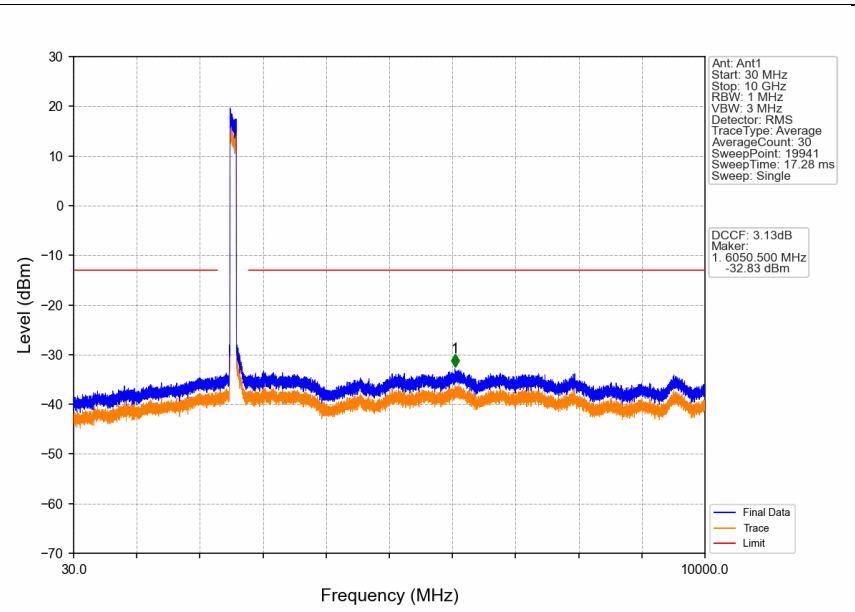


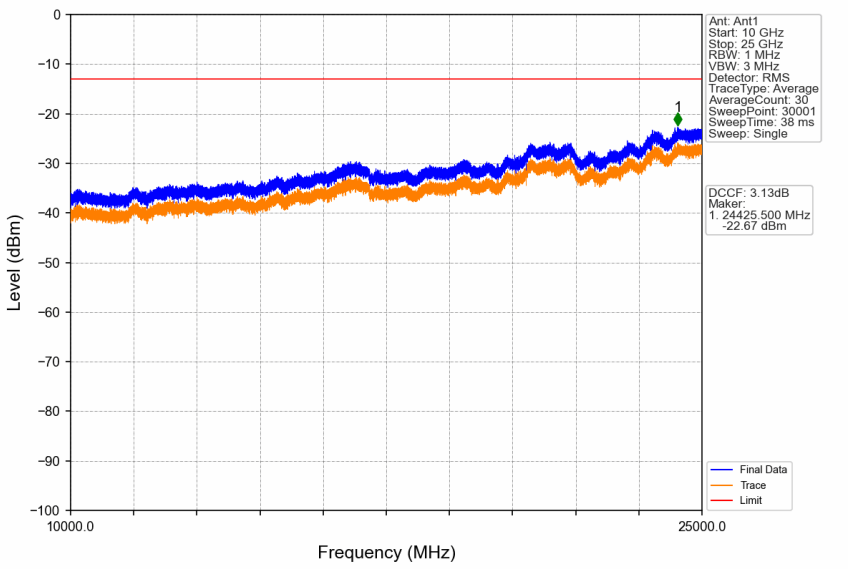
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2496	2	/	1	2495.949	-24.00	-13	Pass
2496	2646.01	2	/	/	/	/	/	/

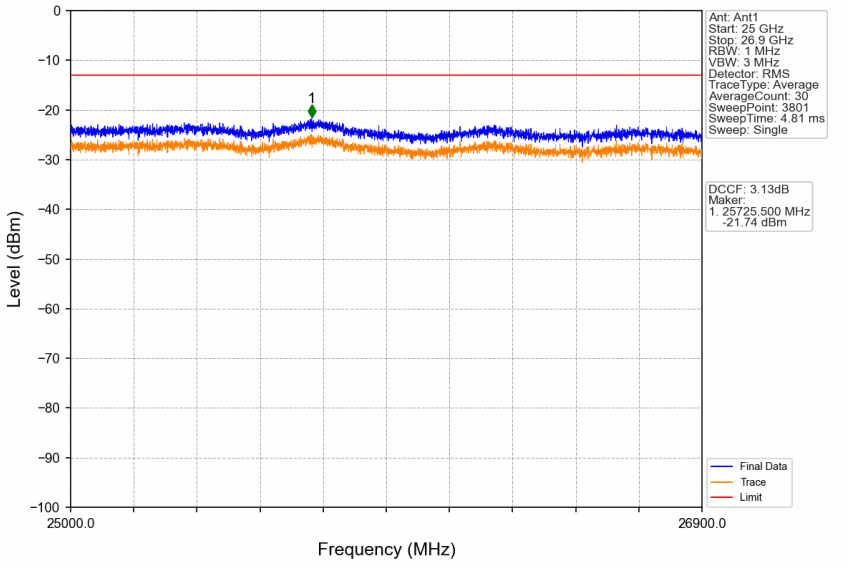

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.080 MHz
-56.83 dBm
2. 0.146 MHz
-38.32 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15

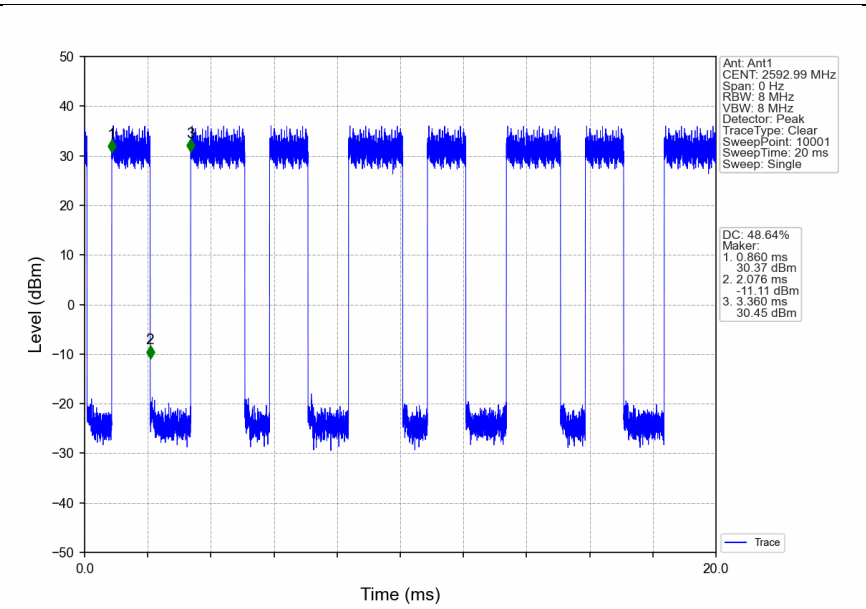

Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.150 MHz
-39.20 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0

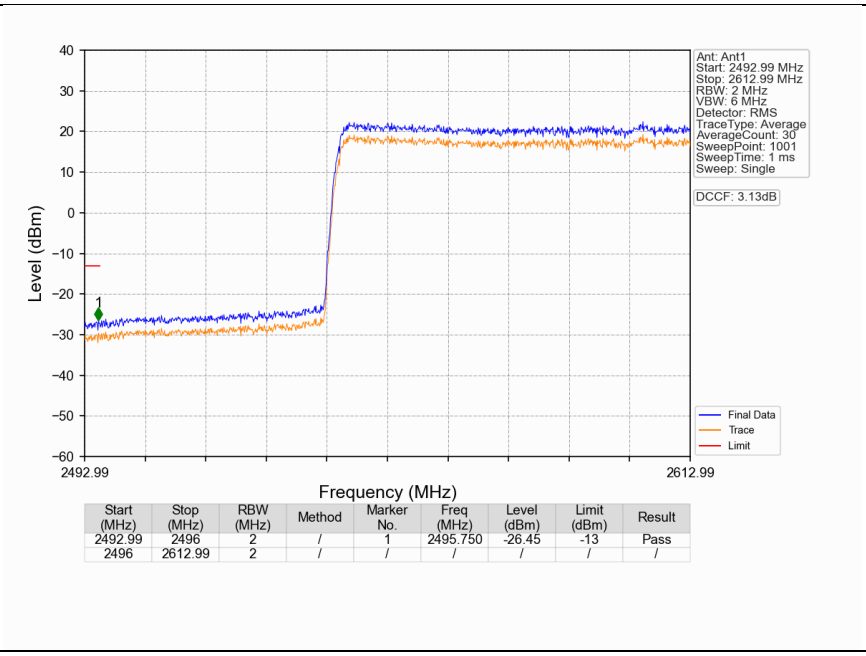

Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 11.780 MHz
-47.31 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 6050.500 MHz
-32.83 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0

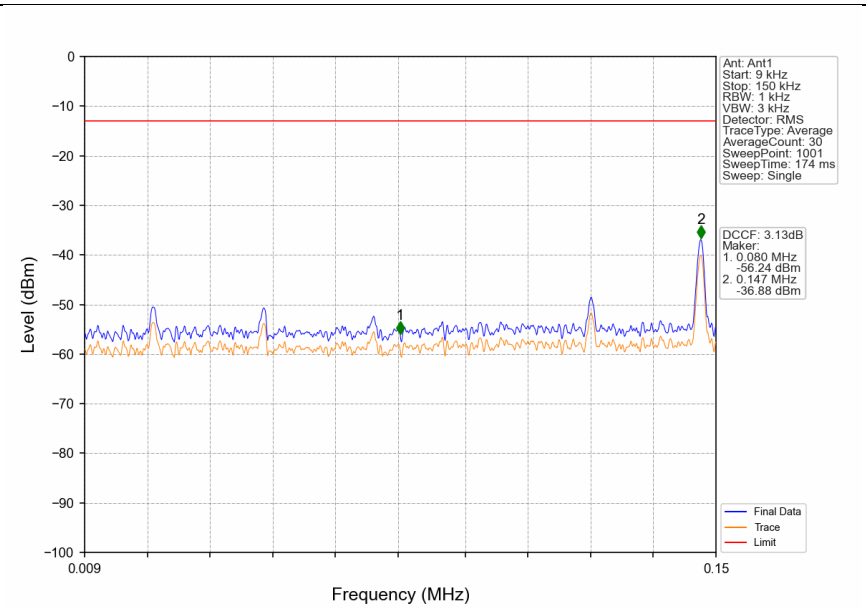

Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 24425.500 MHz
-22.67 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10000.0
25000.0

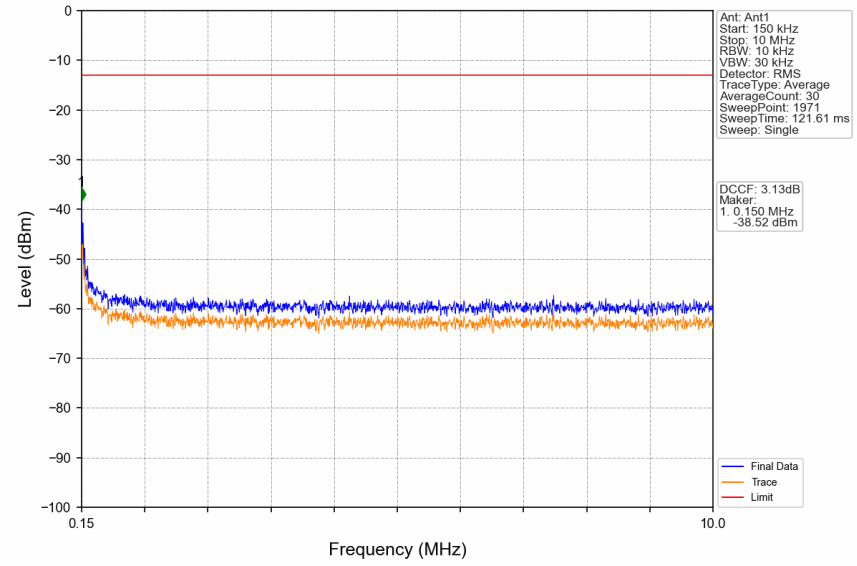

Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 25725.500 MHz
-21.74 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
25000.0
26900.0

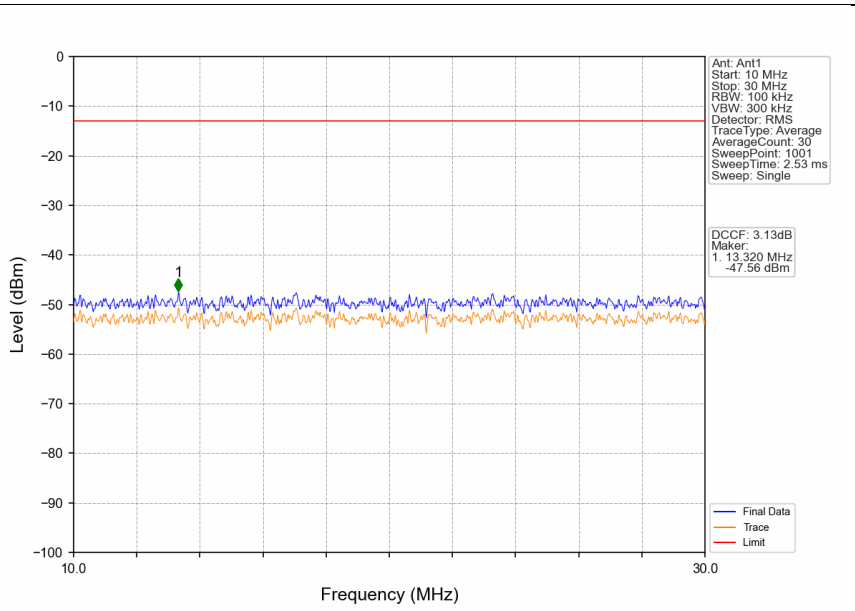


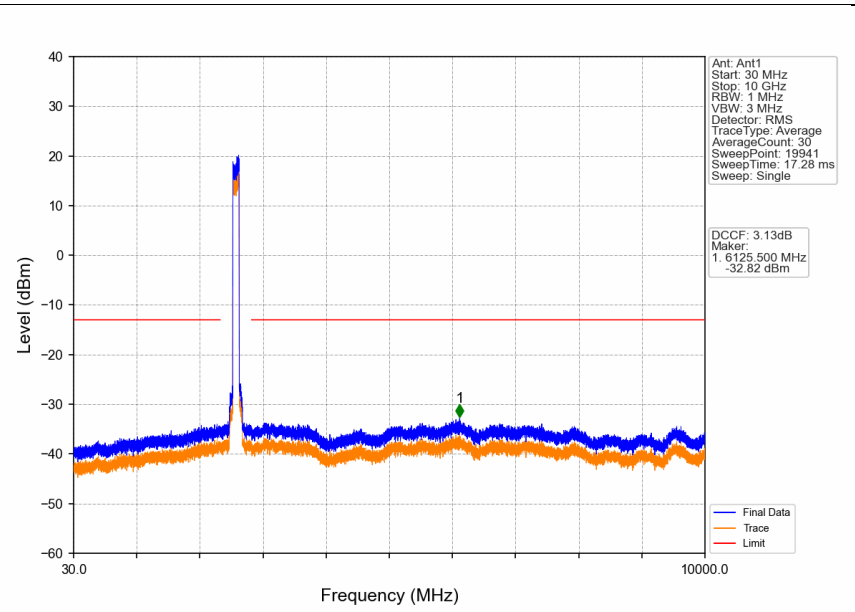


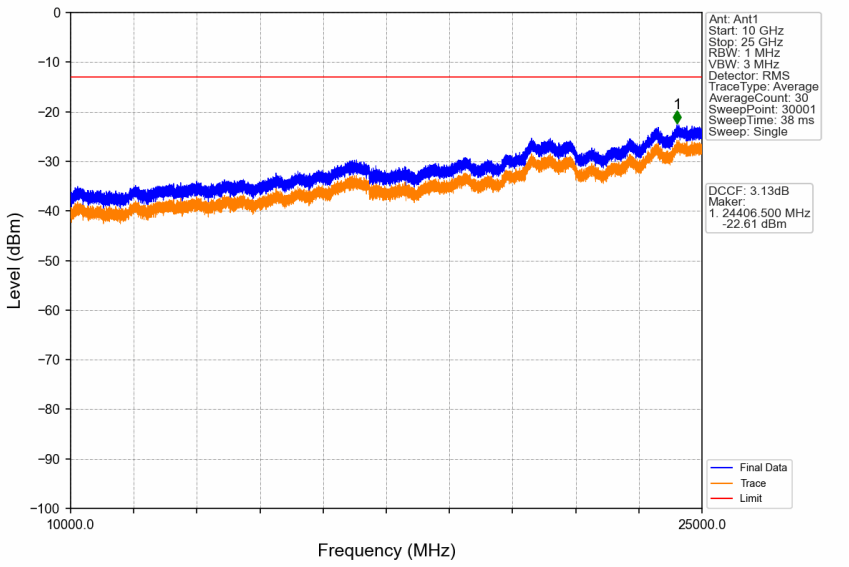
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2492.99	2496	2	/	1	2495.750	-26.45	-13	Pass
2496	2612.99	2	/	/	/	/	/	/

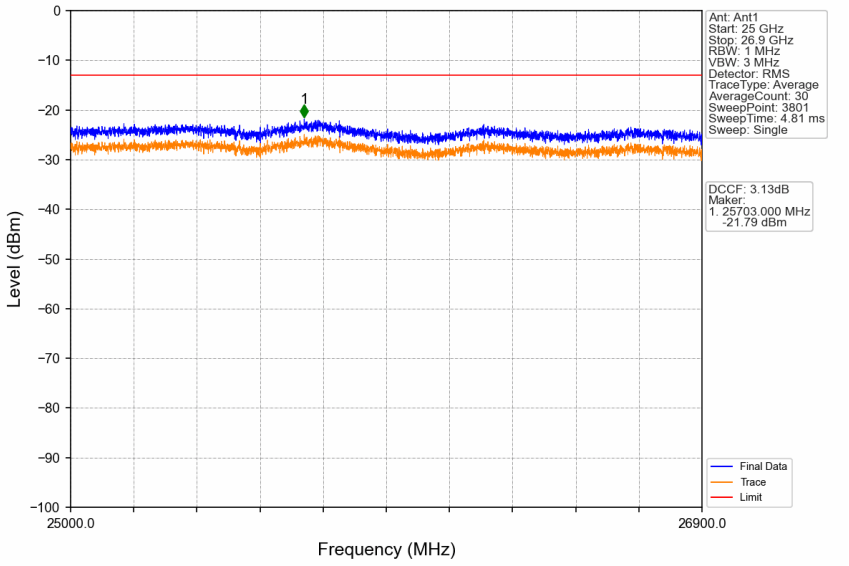

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.080 MHz
-56.24 dBm
2. 0.147 MHz
-36.88 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15

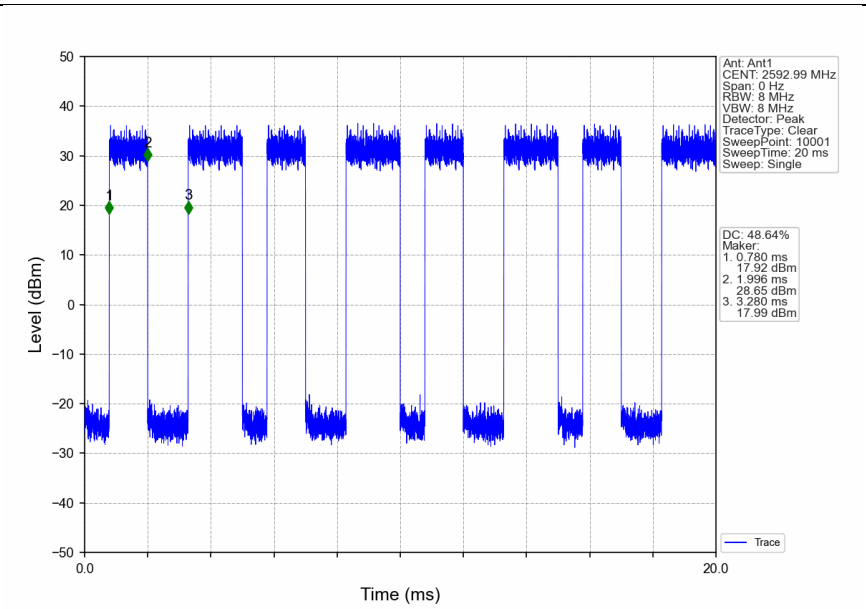

Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.150 MHz
-38.52 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0

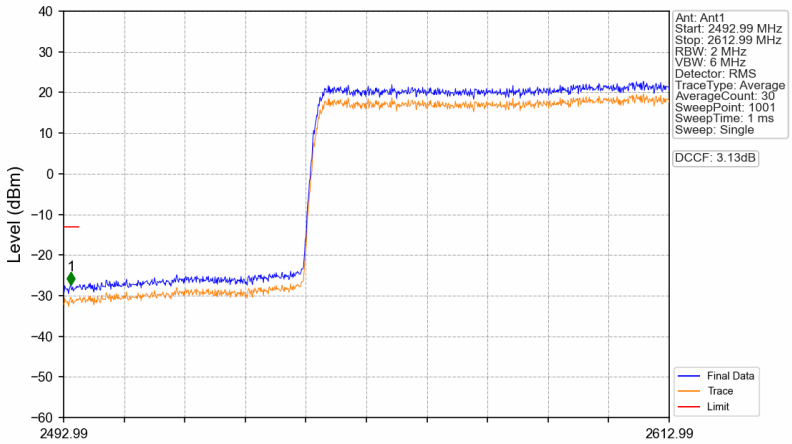

Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 13.320 MHz
-47.56 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 6125.500 MHz
-32.82 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0

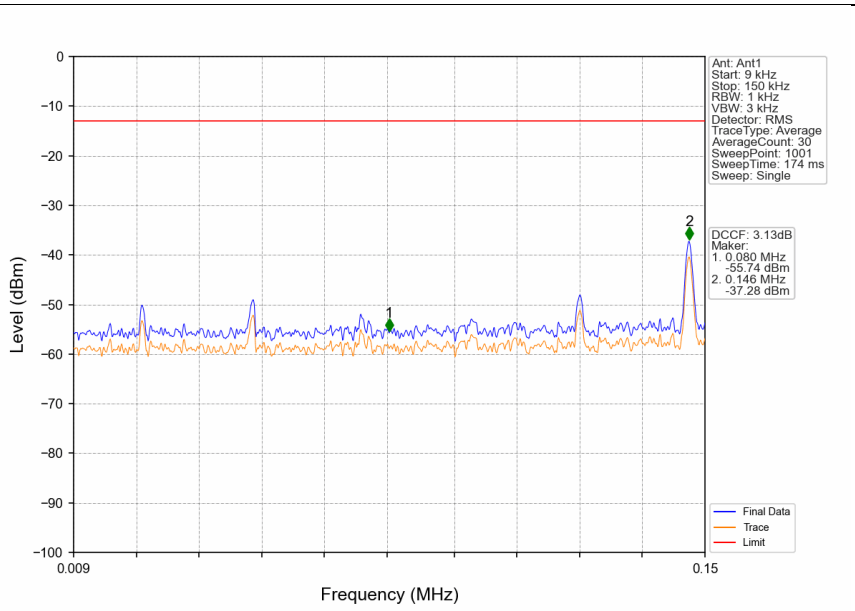

Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 24406.500 MHz
-22.61 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10000.0
25000.0

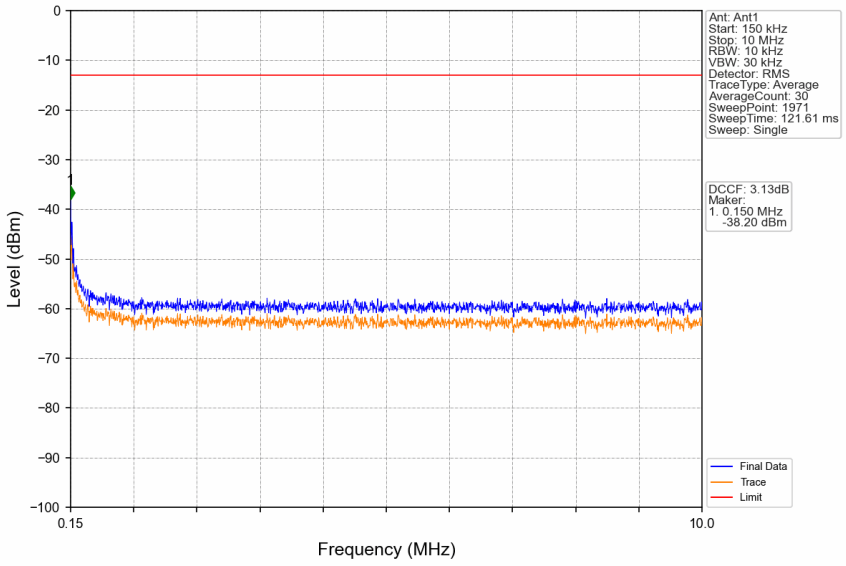

Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 25703.000 MHz
-21.79 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
25000.0
26900.0

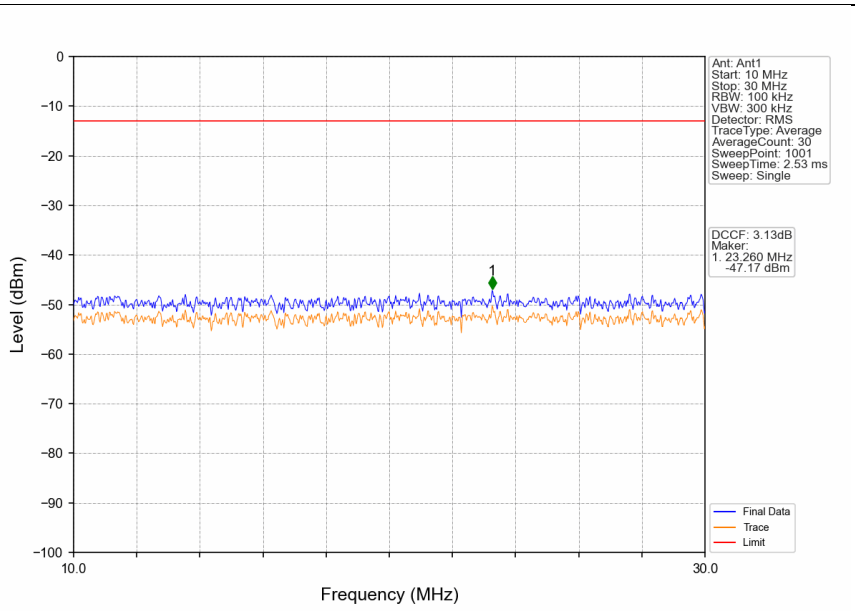


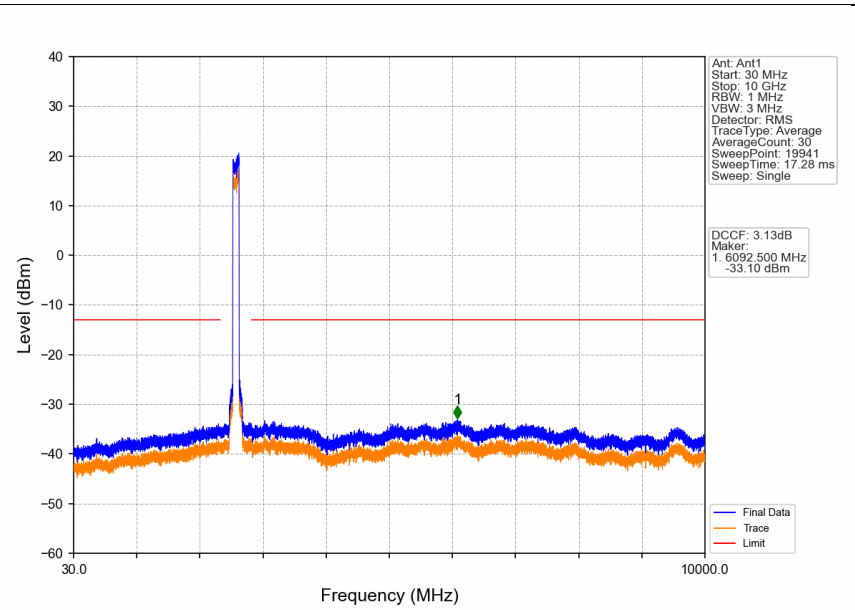


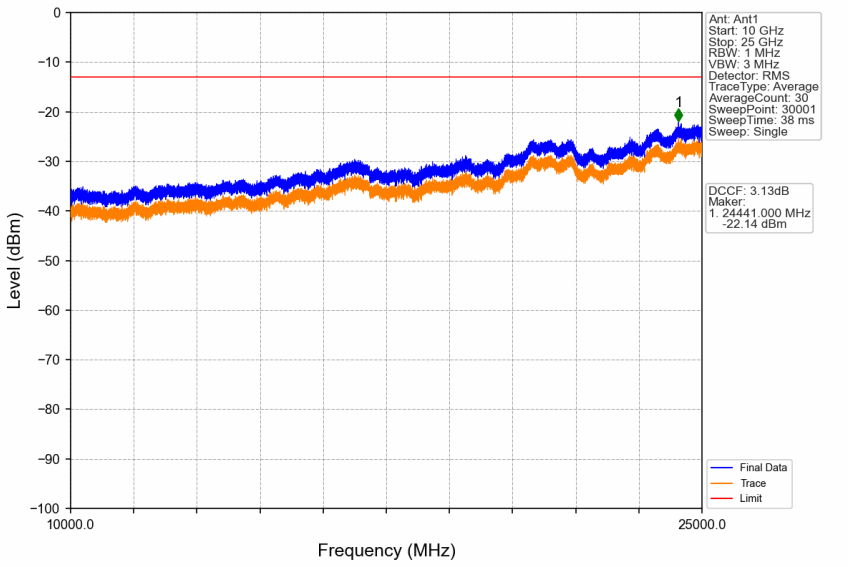
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2492.99	2496	2	/	1	2494.430	-27.28	-13	Pass
2496	2612.99	2	/	/	/	/	/	/

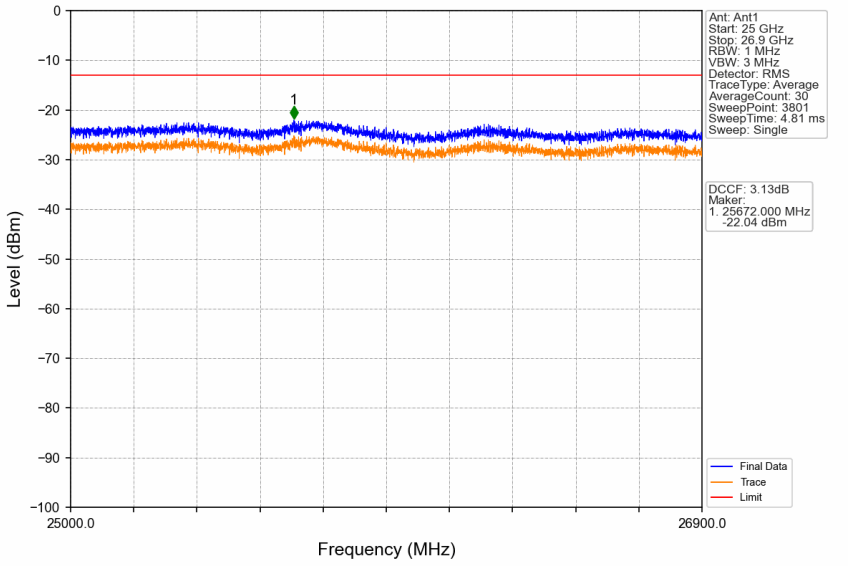

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.080 MHz
-55.74 dBm
2. 0.146 MHz
-37.28 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15

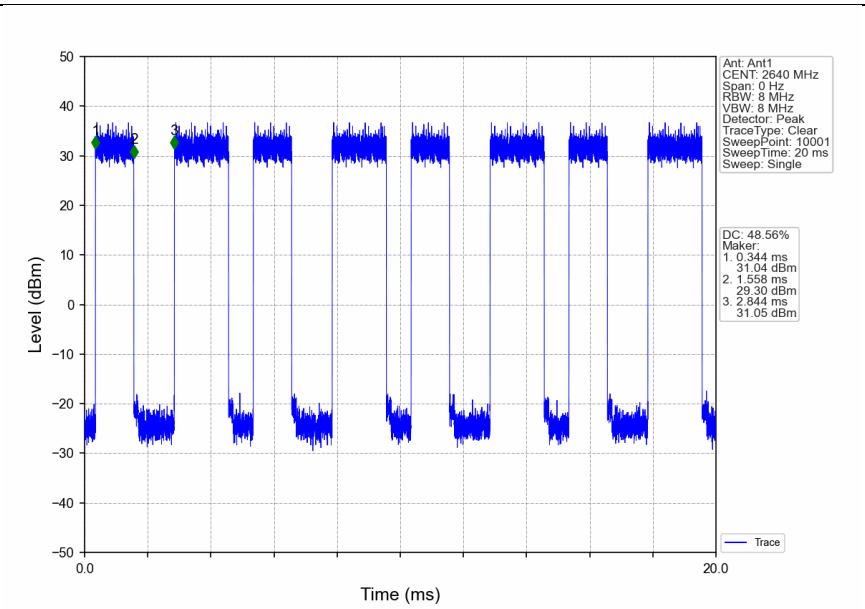

Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 0.150 MHz
-38.20 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0

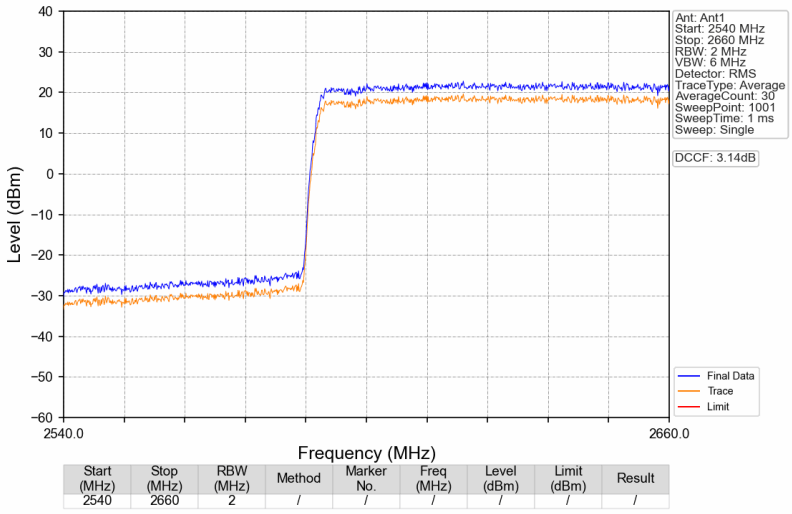

Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 23.260 MHz
-47.17 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 6092.500 MHz
-33.10 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0

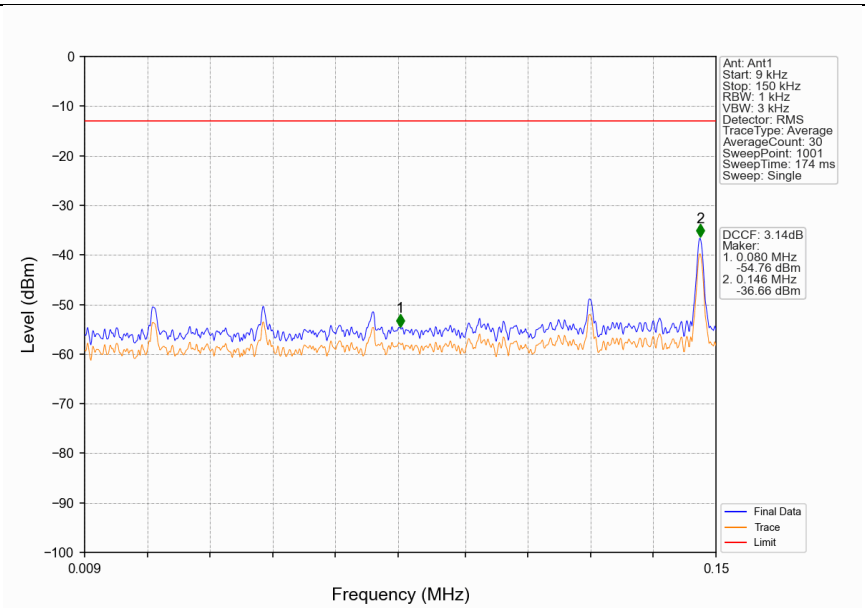

Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 24441.000 MHz
-22.14 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10000.0
25000.0

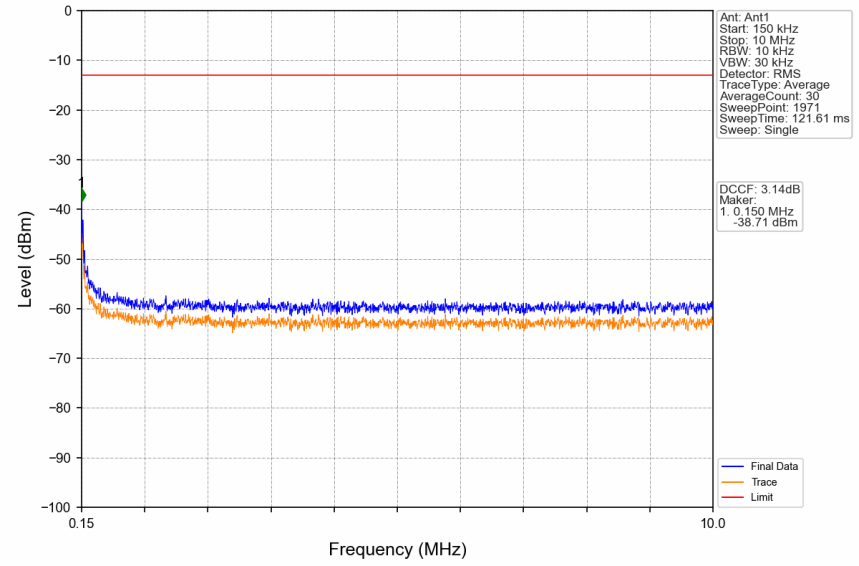

Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.13dB
Maker:
1. 25672.000 MHz
-22.04 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
25000.0
26900.0

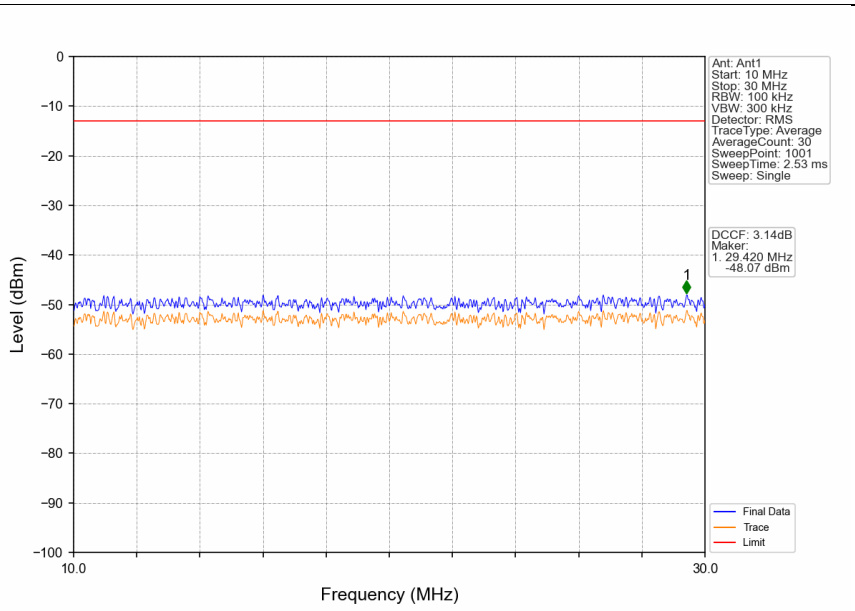


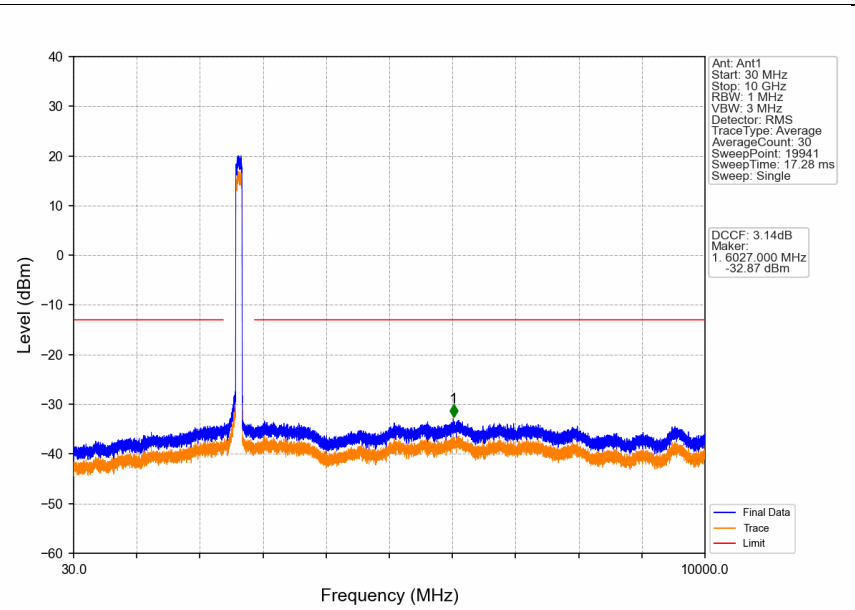


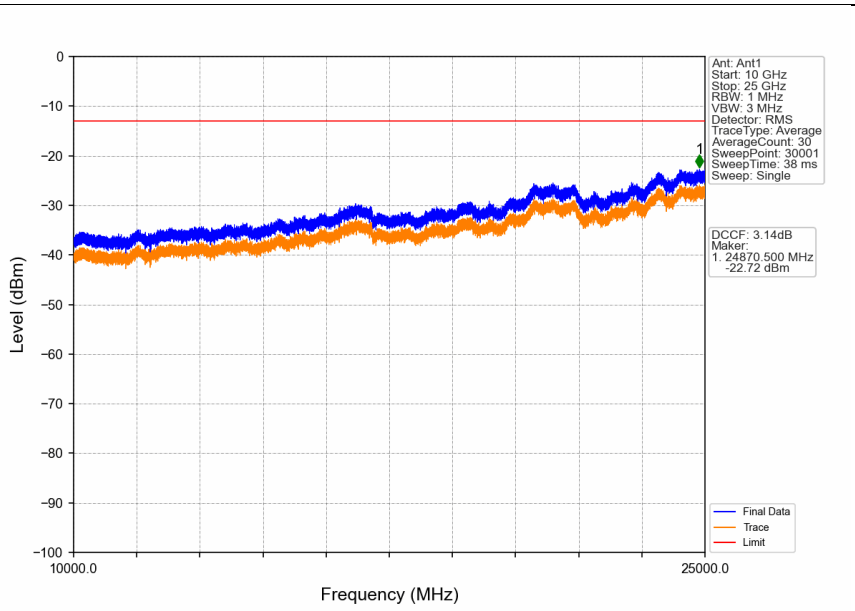
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2660	2	/	/	/	/	/	/

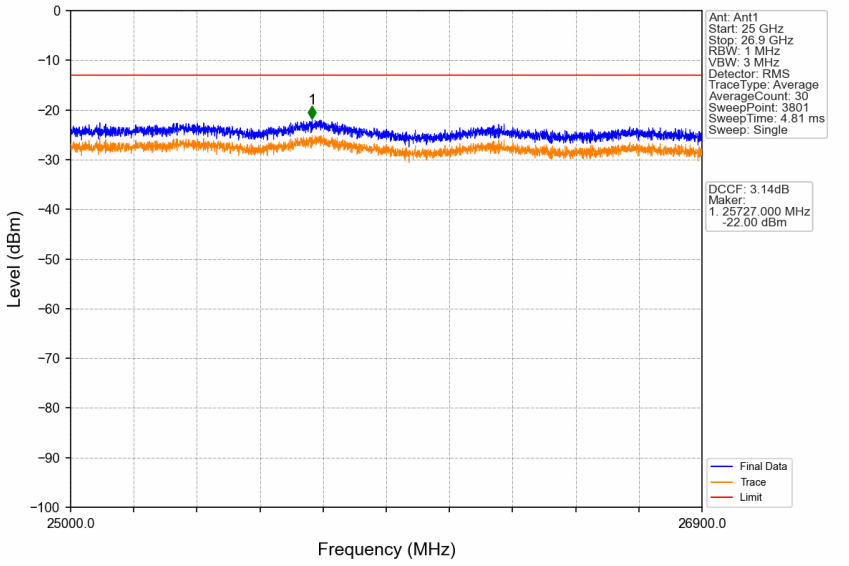

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.080 MHz
-54.76 dBm
2. 0.146 MHz
-36.66 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15

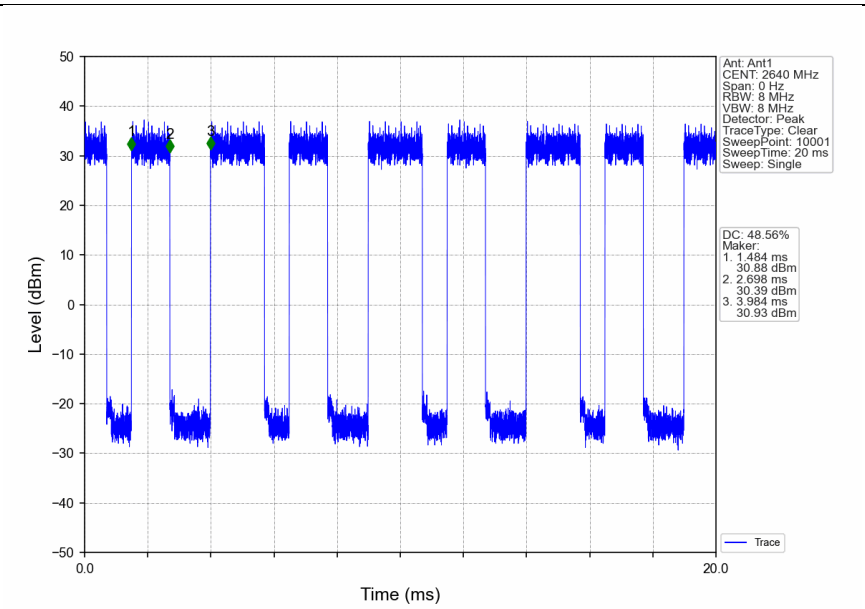

Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.150 MHz
-38.71 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0

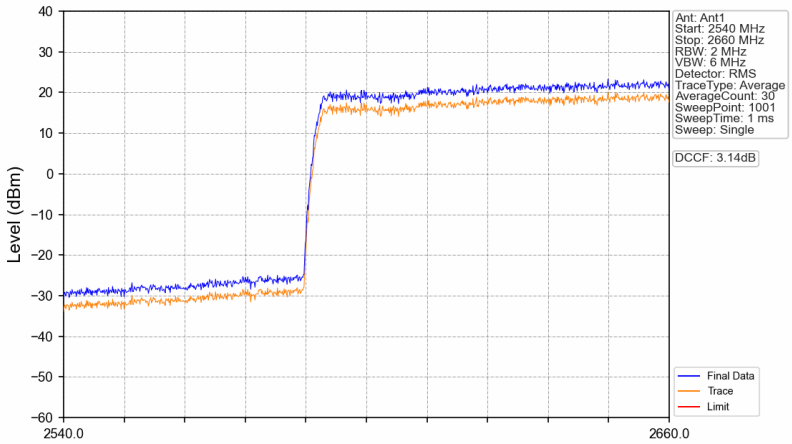

Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 29.420 MHz
-48.07 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 6027.000 MHz
-32.87 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0

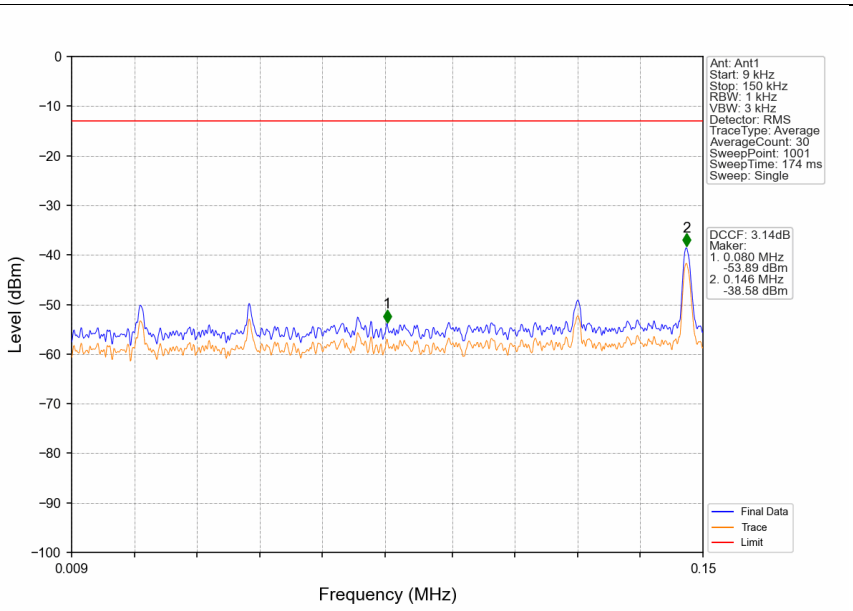

Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 24870.500 MHz
-22.72 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10000.0
25000.0

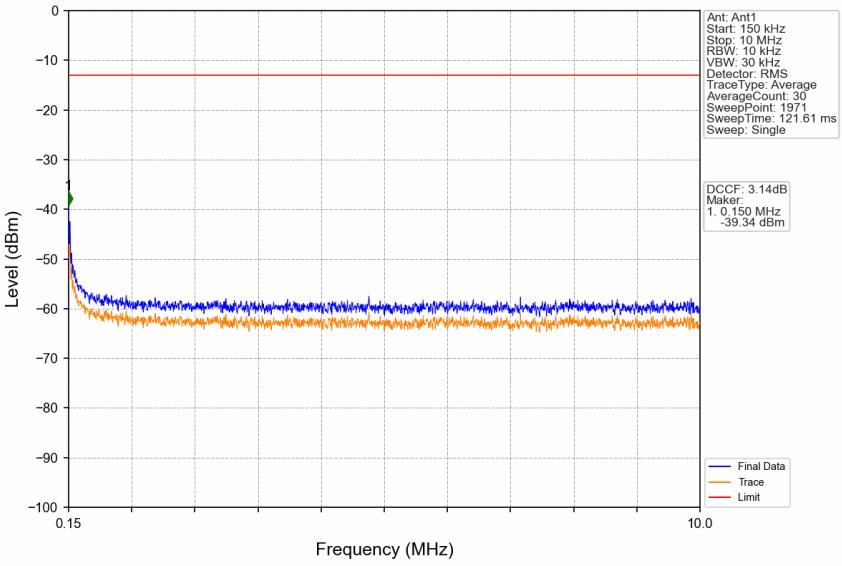

Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 25727.000 MHz
-22.00 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
25000.0
26900.0

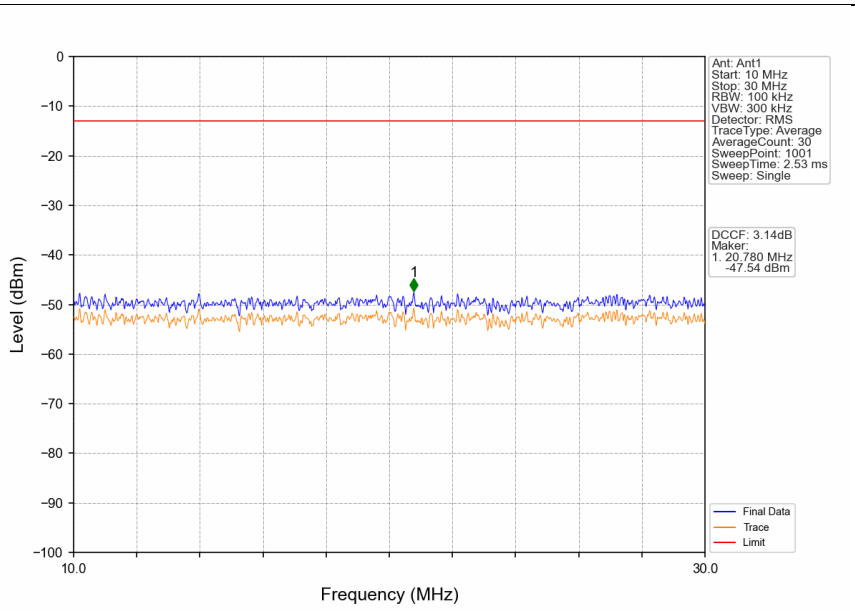


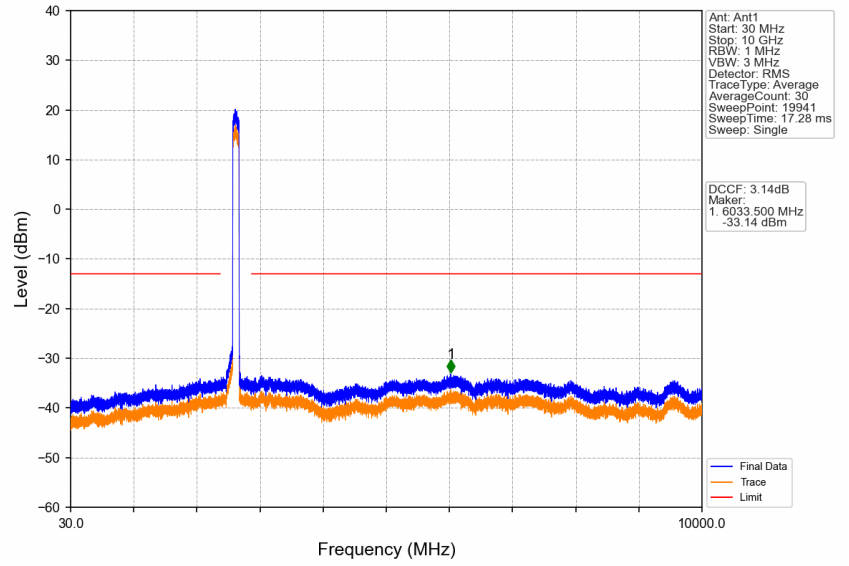


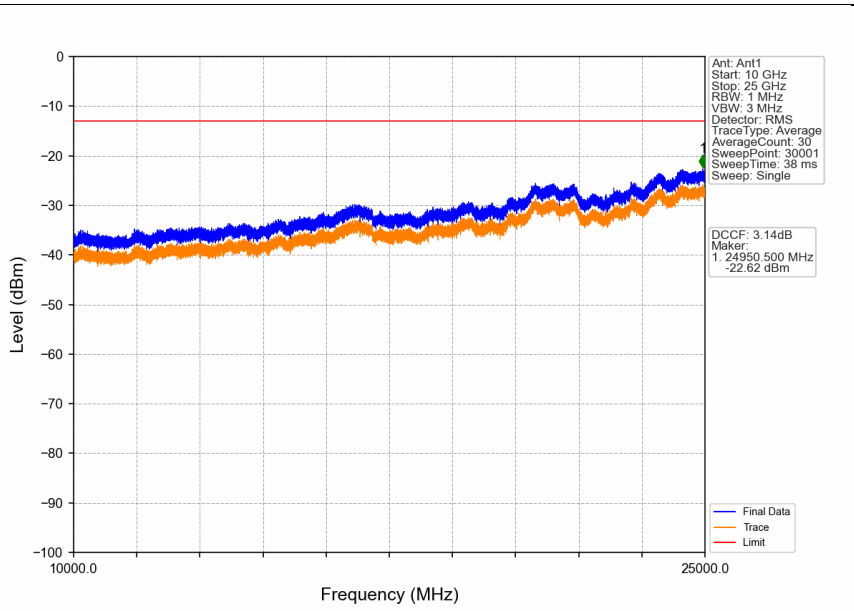
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2660	2	/	/	/	/	/	/

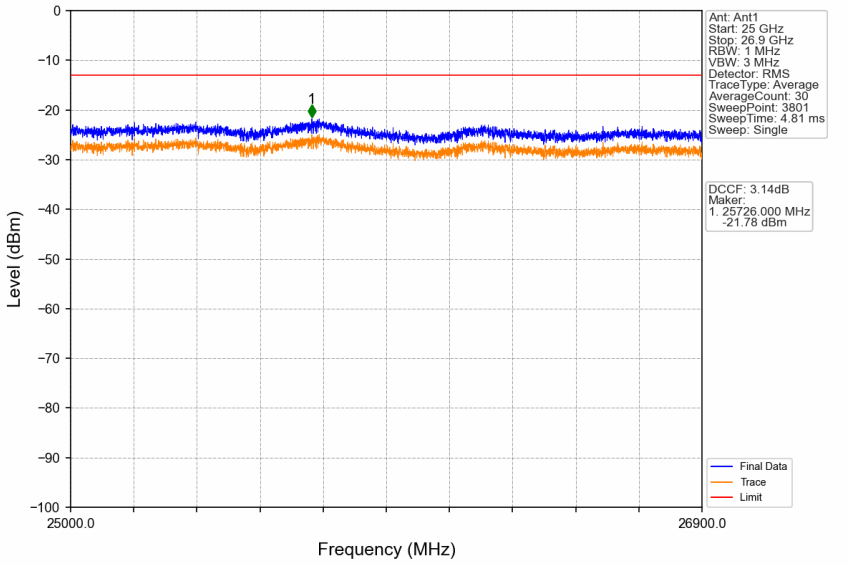

Ant: Ant1
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.080 MHz
-53.89 dBm
2. 0.146 MHz
-38.58 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.009
0.15


Ant: Ant1
Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 0.150 MHz
-39.34 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0.15
10.0


Ant: Ant1
Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 20.780 MHz
-47.54 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
10.0
30.0


Ant: Ant1
Start: 30 MHz
Stop: 10 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 19941
SweepTime: 17.28 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 6033.500 MHz
-33.14 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
30.0
10000.0


Ant: Ant1
Start: 10 GHz
Stop: 25 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 30001
SweepTime: 38 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 24950.500 MHz
-22.62 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
10000.0
25000.0


Ant: Ant1
Start: 25 GHz
Stop: 26.9 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 3801
SweepTime: 4.81 ms
Sweep: Single
DCCF: 3.14dB
Maker:
1. 25726.000 MHz
-21.78 dBm
Final Data
Trace
Limit
Level (dBm)
Frequency (MHz)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
25000.0
26900.0