

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Condition	Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)		Tune-Up	
					QPSK	16QAM	QPSK	16QAM
NTNV	Band17	5MHz	23755	1RB#0	23.64	22.66	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	1RB#12	23.44	22.32	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	1RB#24	23.07	22.10	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	12RB#0	23.55	22.45	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	12RB#6	23.33	22.17	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	12RB#13	22.96	21.91	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23755	25RB#0	23.51	22.25	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	1RB#0	23.48	22.33	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	1RB#12	<b>23.90</b>	22.66	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	1RB#24	23.17	21.94	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	12RB#0	23.35	22.37	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	12RB#6	23.79	22.68	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	12RB#13	22.98	22.00	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23790	25RB#0	23.87	<b>22.71</b>	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	1RB#0	23.71	22.57	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	1RB#12	23.81	22.66	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	1RB#24	23.68	22.60	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	12RB#0	23.56	22.49	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	12RB#6	23.64	22.34	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	12RB#13	23.63	22.36	23.0±1.0	22.0±1.0
NTNV	Band17	5MHz	23825	25RB#0	23.69	22.37	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	1RB#0	23.71	22.63	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	1RB#24	23.86	22.60	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	1RB#49	23.31	22.22	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	25RB#0	23.64	22.29	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	25RB#12	23.80	22.45	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	25RB#25	23.11	21.89	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23780	50RB#0	23.80	22.57	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	1RB#0	<b>23.88</b>	22.74	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	1RB#24	23.57	22.32	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	1RB#49	23.36	22.04	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	25RB#0	23.84	<b>22.75</b>	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	25RB#12	23.44	22.18	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	25RB#25	23.34	22.01	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23790	50RB#0	23.84	22.53	23.0±1.0	22.0±1.0

NTNV	Band17	10MHz	23800	1RB#0	23.30	22.15	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	1RB#24	23.12	21.80	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	1RB#49	23.76	22.57	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	25RB#0	23.24	22.22	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	25RB#12	22.96	21.96	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	25RB#25	23.59	22.24	23.0±1.0	22.0±1.0
NTNV	Band17	10MHz	23800	50RB#0	23.59	22.44	23.0±1.0	22.0±1.0

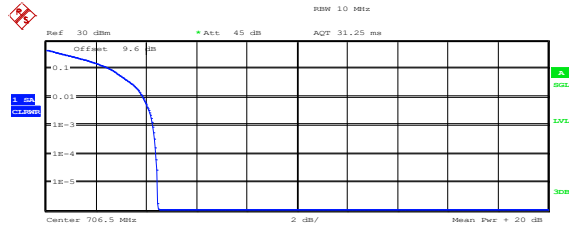
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.26	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.19	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.81	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.39	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	2.44	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.36	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.48	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.90	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.13	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.32	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	3.69	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.10	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.36	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.29	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.42	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.22	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.20	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.26	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.58	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.06	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.67	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.99	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.71	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.06	13	PASS

# Test Graphs

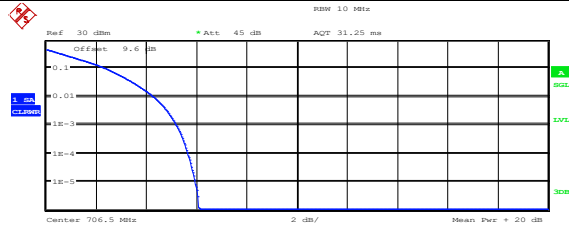
## Band17-5MHz-QPSK-23755-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	18.94 dBm
Peak	23.45 dBm
Crest	4.51 dB
10 %	2.53 dB
1 %	3.85 dB
.1 %	4.26 dB
.01 %	4.39 dB

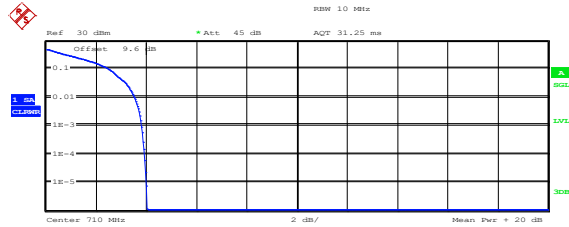
## Band17-5MHz-QPSK-23755-25RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	18.29 dBm
Peak	24.44 dBm
Crest	6.15 dB
10 %	2.37 dB
1 %	4.26 dB
.1 %	5.19 dB
.01 %	5.64 dB

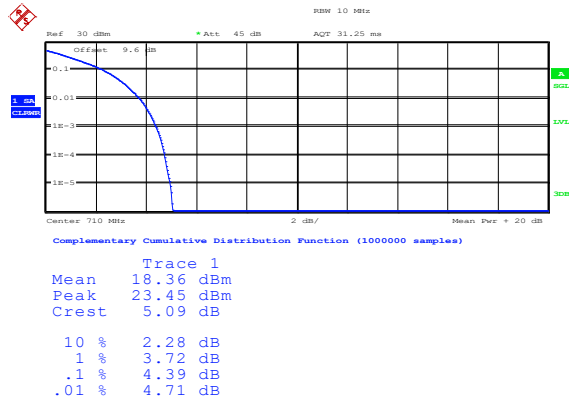
## Band17-5MHz-QPSK-23790-1RB#0



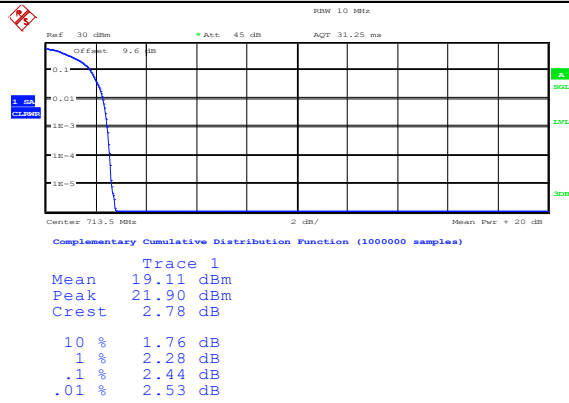
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	19.29 dBm
Peak	23.31 dBm
Crest	4.02 dB
10 %	2.50 dB
1 %	3.53 dB
.1 %	3.81 dB
.01 %	3.94 dB

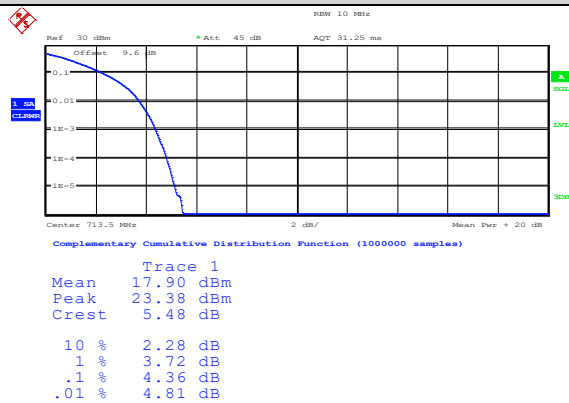
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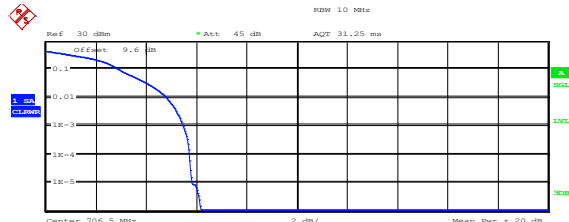
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### Band17-5MHz-QPSK-23825-25RB#0



### Band17-5MHz-16QAM-23755-1RB#0

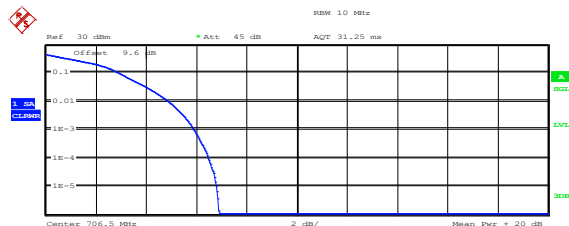


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.22 dBm  
 Peak 23.45 dBm  
 Crest 6.23 dB

10 %	2.88 dB
1 %	4.78 dB
.1 %	5.48 dB
.01 %	5.71 dB

### Band17-5MHz-16QAM-23755-25RB#0

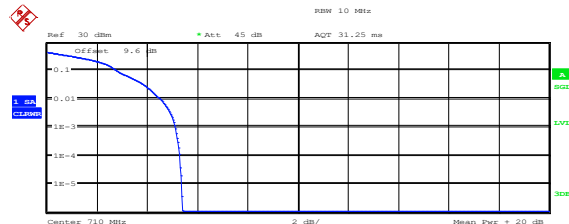


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.61 dBm  
 Peak 24.51 dBm  
 Crest 6.90 dB

10 %	2.88 dB
1 %	4.84 dB
.1 %	5.90 dB
.01 %	6.47 dB

### Band17-5MHz-16QAM-23790-1RB#0

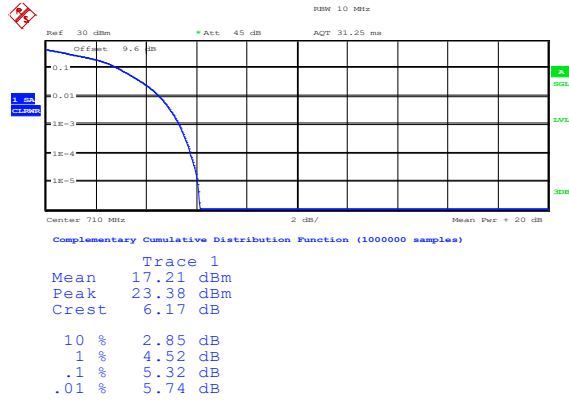


Complementary Cumulative Distribution Function (1000000 samples)

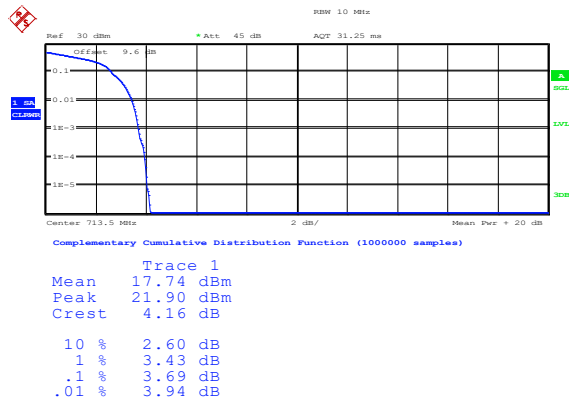
Trace 1  
 Mean 17.79 dBm  
 Peak 23.17 dBm  
 Crest 5.38 dB

10 %	2.79 dB
1 %	4.49 dB
.1 %	5.13 dB
.01 %	5.29 dB

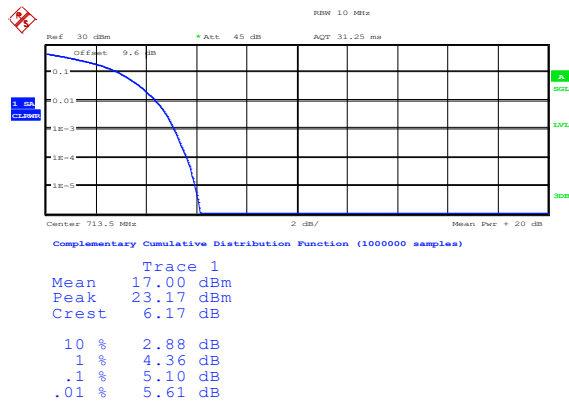
### Band17-5MHz-16QAM-23790-25RB#0



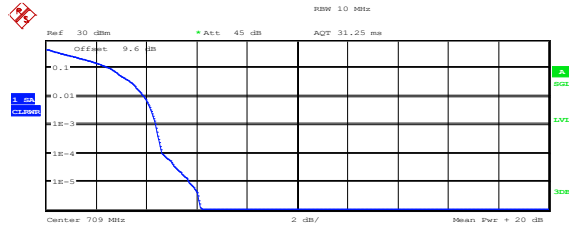
### Band17-5MHz-16QAM-23825-1RB#0



### Band17-5MHz-16QAM-23825-25RB#0



### Band17-10MHz-QPSK-23780-1RB#0

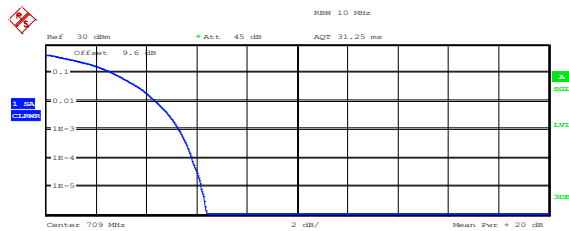


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.01 dBm  
 Peak 23.24 dBm  
 Crest 6.23 dB

10 %	2.53 dB
1 %	3.88 dB
.1 %	4.36 dB
.01 %	4.62 dB

### Band17-10MHz-QPSK-23780-50RB#0

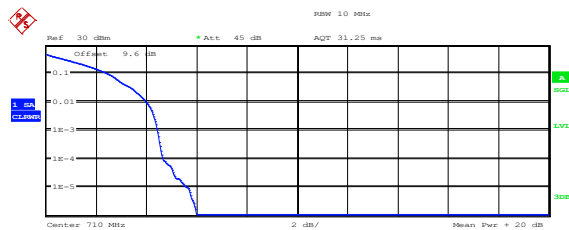


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 18.12 dBm  
 Peak 24.58 dBm  
 Crest 6.46 dB

10 %	2.66 dB
1 %	4.33 dB
.1 %	5.29 dB
.01 %	5.80 dB

### Band17-10MHz-QPSK-23790-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.11 dBm  
 Peak 23.17 dBm  
 Crest 6.06 dB

10 %	2.47 dB
1 %	3.97 dB
.1 %	4.42 dB
.01 %	4.65 dB

### Band17-10MHz-QPSK-23790-50RB#0



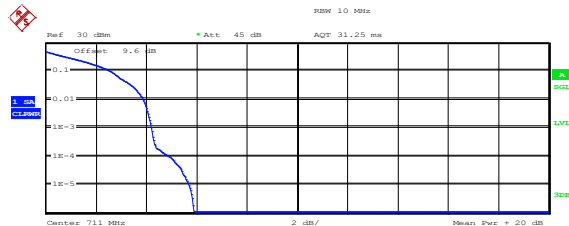


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.97 dBm  
 Peak 24.30 dBm  
 Crest 6.32 dB

10 %	2.69 dB
1 %	4.33 dB
.1 %	5.22 dB
.01 %	5.77 dB

### Band17-10MHz-QPSK-23800-1RB#0

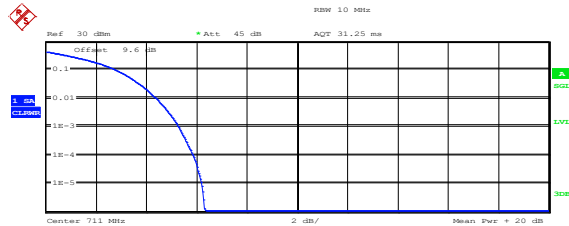


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 17.16 dBm  
 Peak 23.10 dBm  
 Crest 5.94 dB

10 %	2.53 dB
1 %	3.85 dB
.1 %	4.20 dB
.01 %	4.84 dB

### Band17-10MHz-QPSK-23800-50RB#0

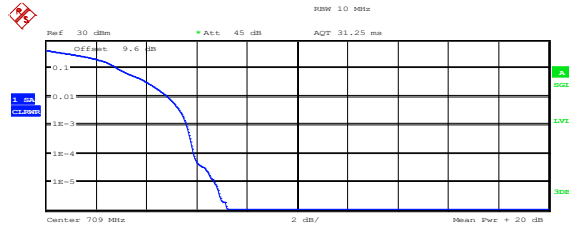


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 18.10 dBm  
 Peak 24.44 dBm  
 Crest 6.33 dB

10 %	2.79 dB
1 %	4.36 dB
.1 %	5.26 dB
.01 %	5.83 dB

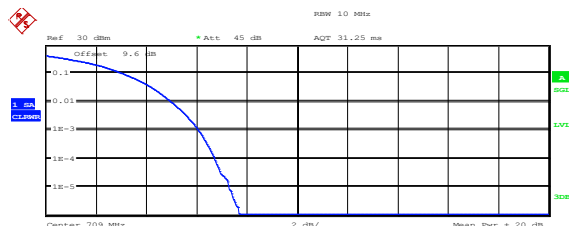
### Band17-10MHz-16QAM-23780-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	15.55 dBm
Peak	22.82 dBm
Crest	7.26 dB
10 %	2.85 dB
1 %	4.81 dB
.1 %	5.58 dB
.01 %	5.87 dB

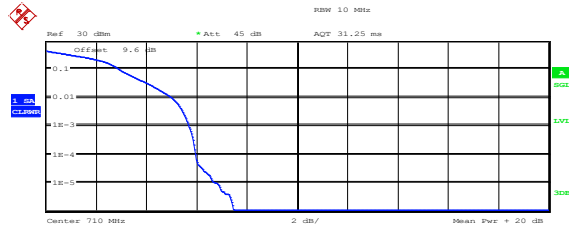
**Band17-10MHz-16QAM-23780-50RB#0**



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	17.22 dBm
Peak	24.93 dBm
Crest	7.71 dB
10 %	3.04 dB
1 %	4.97 dB
.1 %	6.06 dB
.01 %	6.70 dB

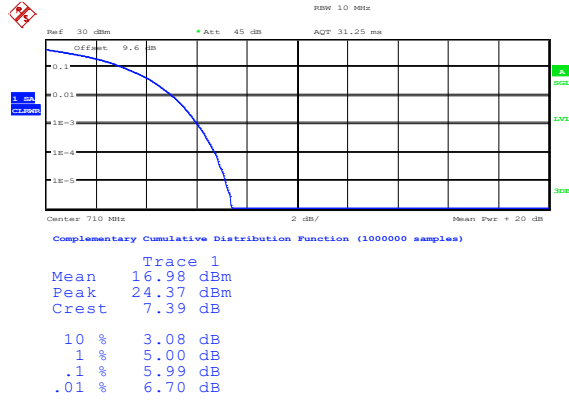
**Band17-10MHz-16QAM-23790-1RB#0**



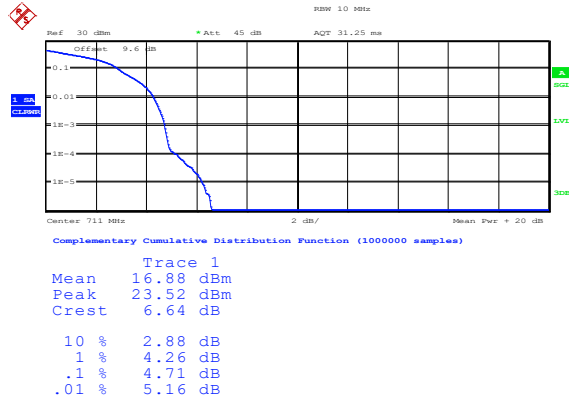
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	15.43 dBm
Peak	22.96 dBm
Crest	7.53 dB
10 %	2.92 dB
1 %	4.97 dB
.1 %	5.67 dB
.01 %	5.96 dB

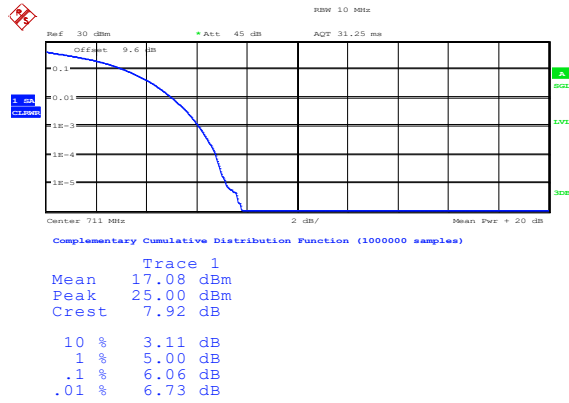
**Band17-10MHz-16QAM-23790-50RB#0**



### Band17-10MHz-16QAM-23800-1RB#0



### Band17-10MHz-16QAM-23800-50RB#0

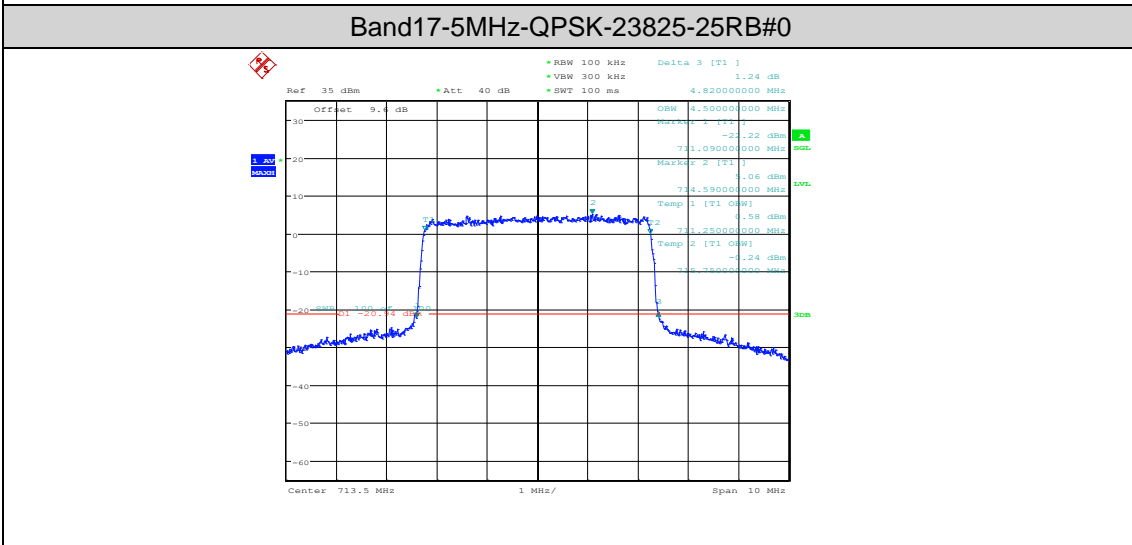
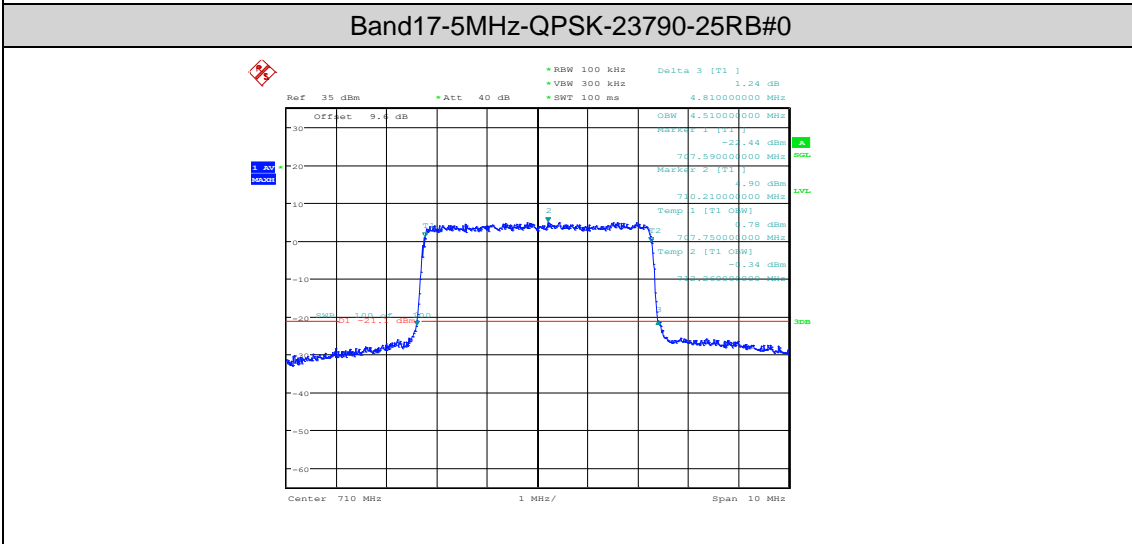
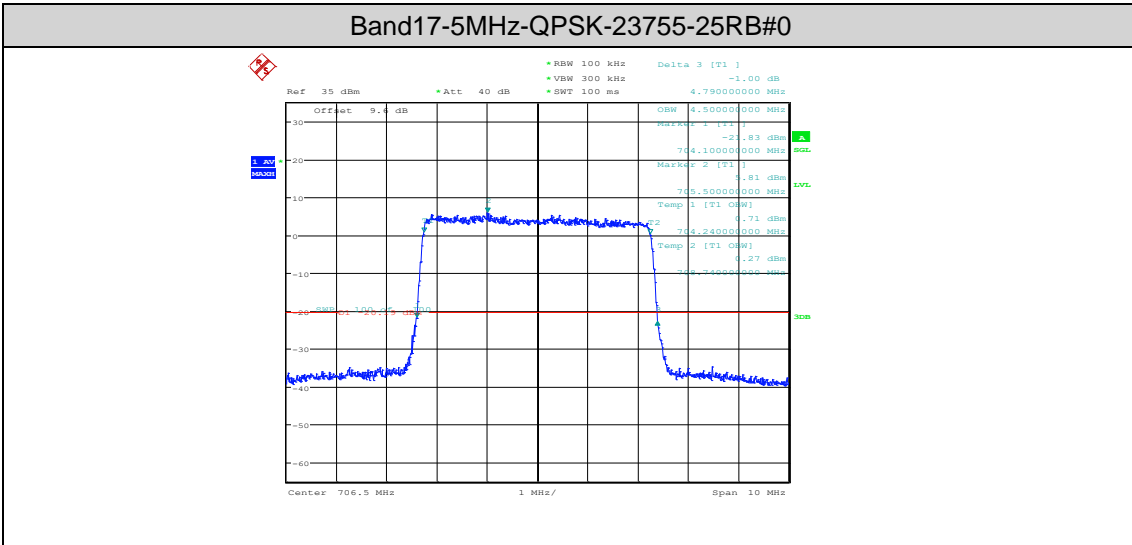


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

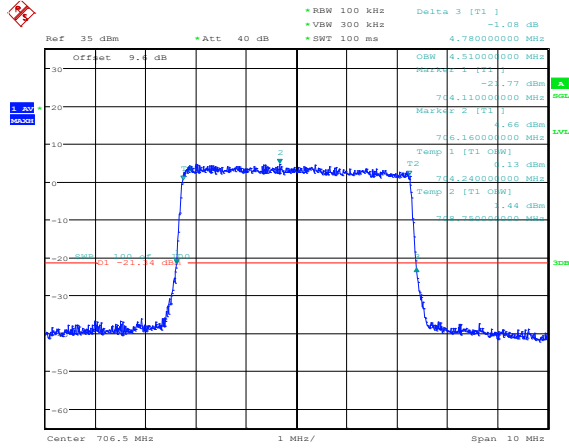
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5	4.79	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.51	4.81	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5	4.82	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.51	4.78	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5	4.81	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5	4.79	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.038	9.52	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.033	9.70	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.033	9.67	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.033	9.73	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.033	9.70	PASS
Band17	10MHz	16QAM	23800	50RB#0	9	9.70	PASS

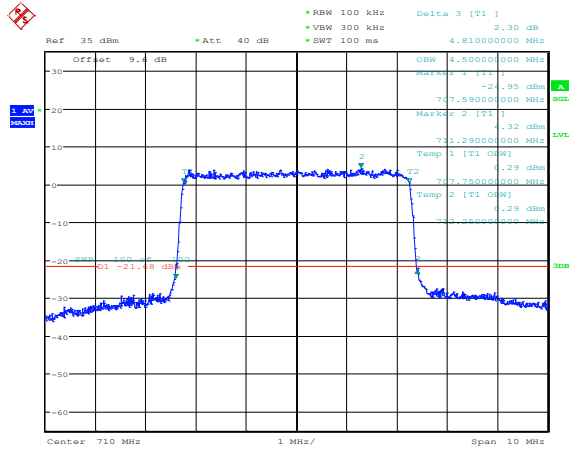
# Test Graphs



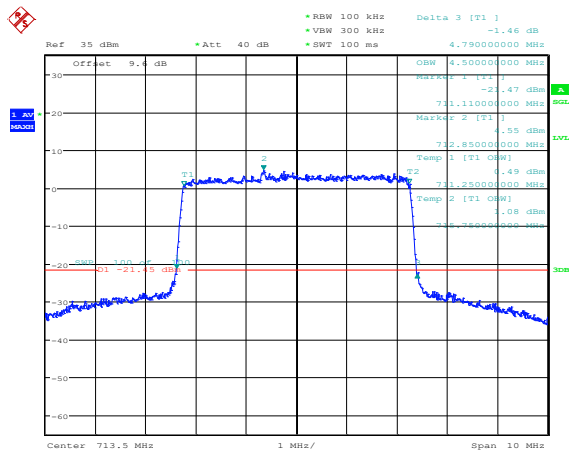
### Band17-5MHz-16QAM-23755-25RB#0



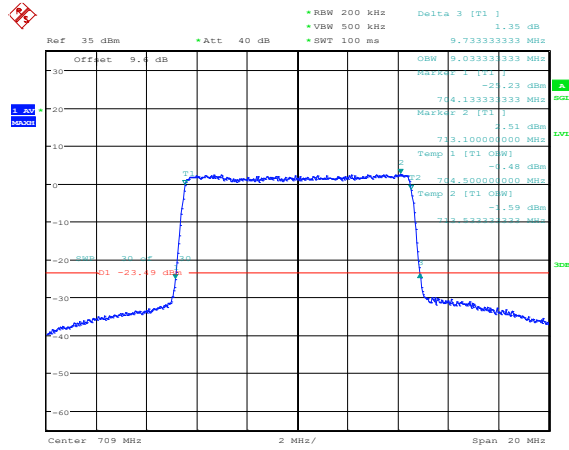
Band17-5MHz-16QAM-23790-25RB#0



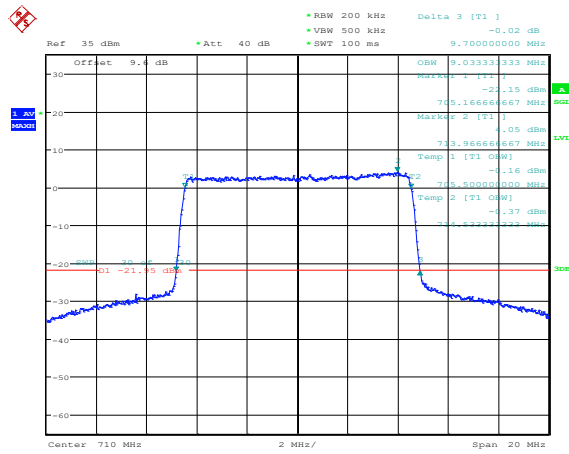
Band17-5MHz-16QAM-23825-25RB#0



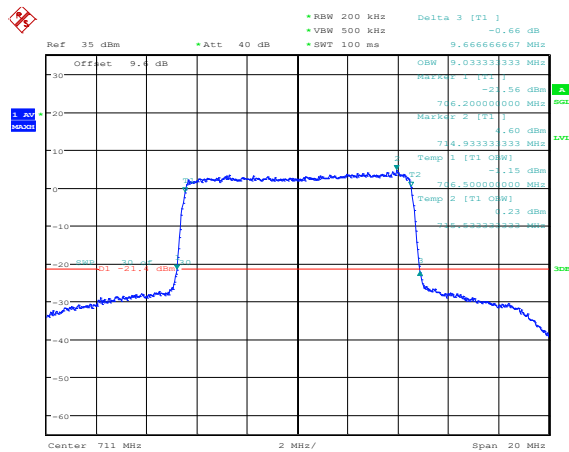
Band17-10MHz-QPSK-23780-50RB#0



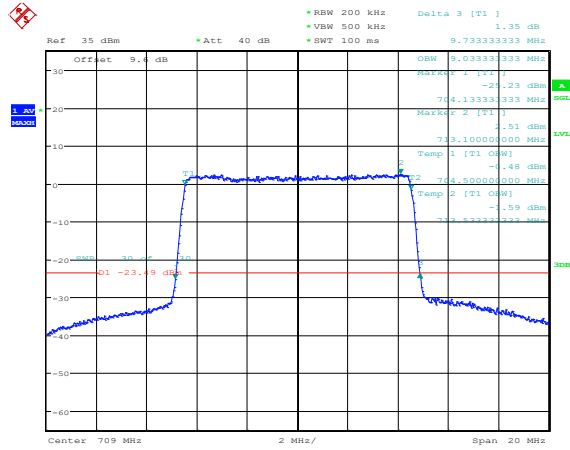
### Band17-10MHz-QPSK-23790-50RB#0



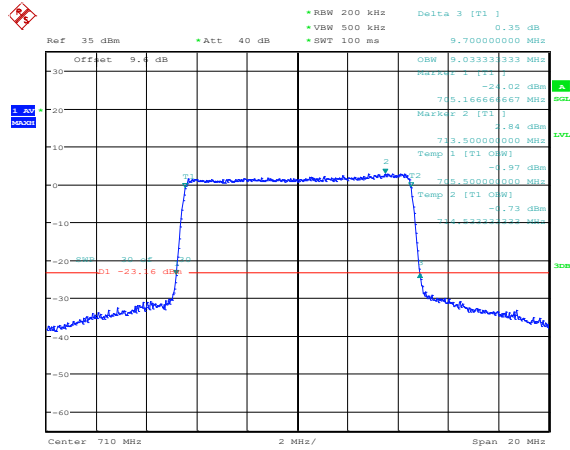
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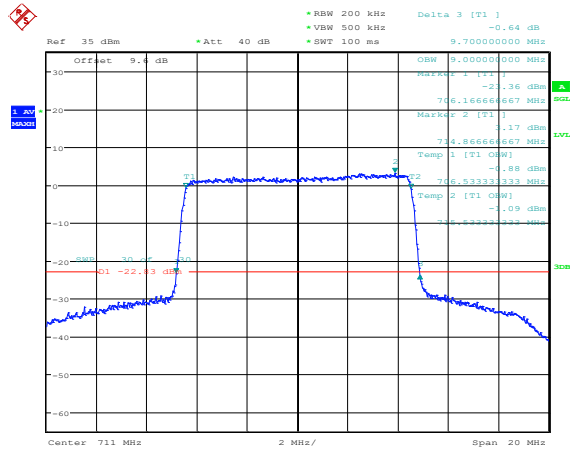
### Band17-10MHz-16QAM-23780-50RB#0



**Band17-10MHz-16QAM-23790-50RB#0**



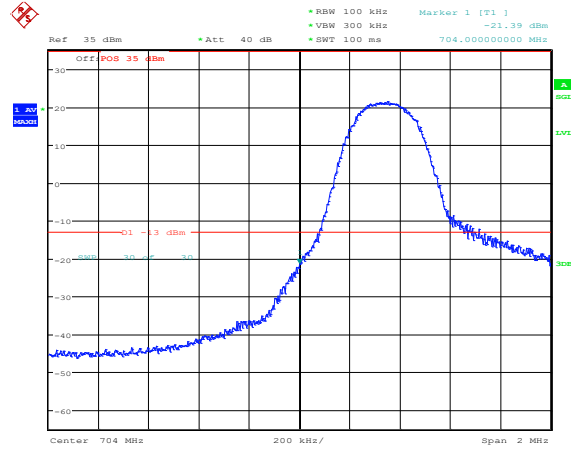
**Band17-10MHz-16QAM-23800-50RB#0**



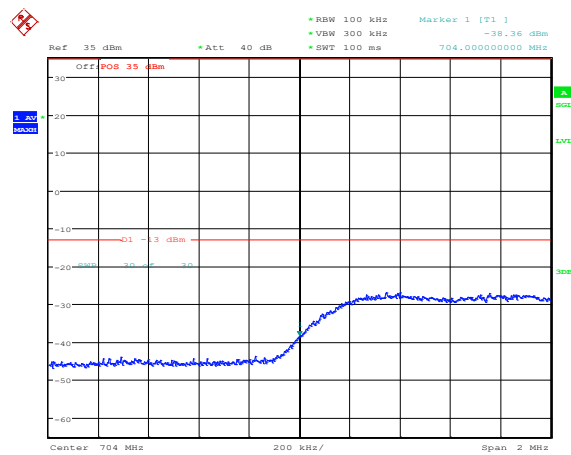


# Appendix D: Band Edge

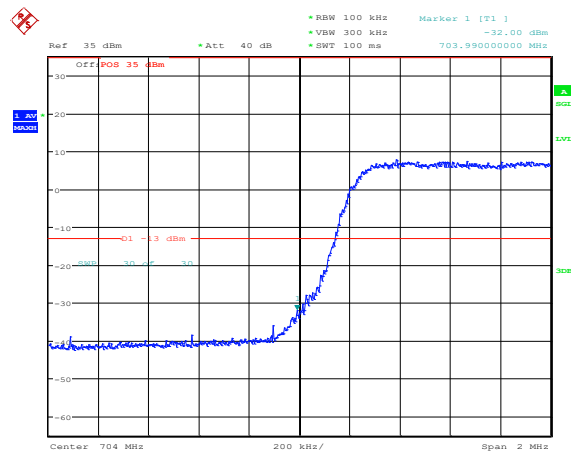
Band17-5MHz-QPSK-23755-1RB#0



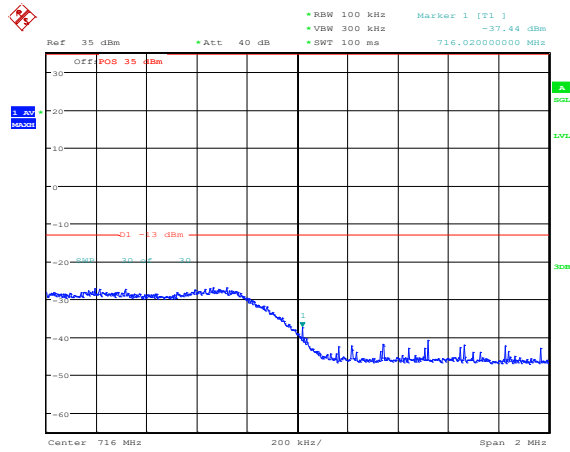
Band17-5MHz-QPSK-23755-1RB#24



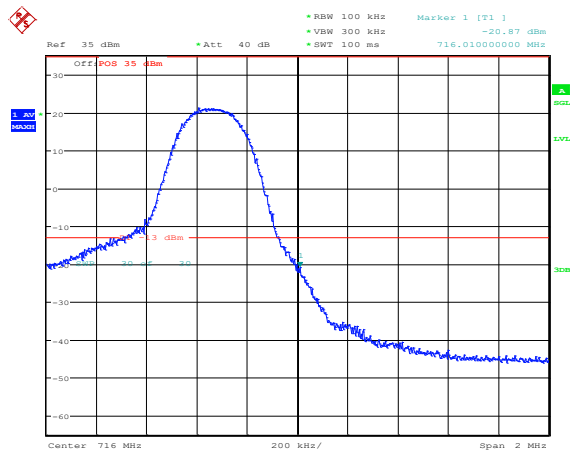
Band17-5MHz-QPSK-23755-25RB#0



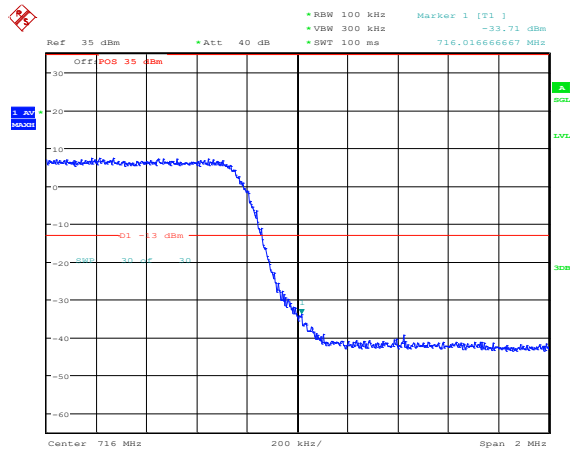
Band17-5MHz-QPSK-23825-1RB#0



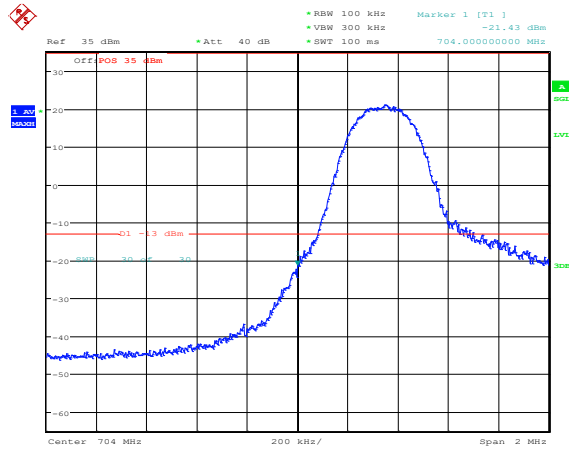
Band17-5MHz-QPSK-23825-1RB#24



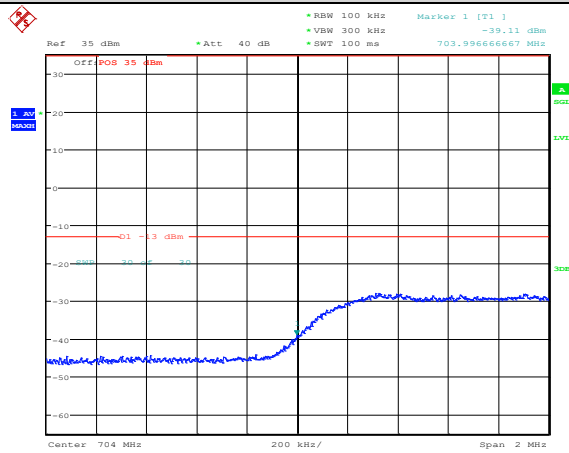
Band17-5MHz-QPSK-23825-25RB#0



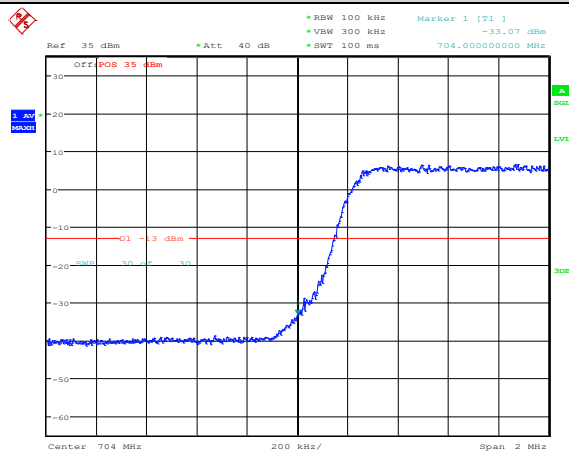
Band17-5MHz-16QAM-23755-1RB#0



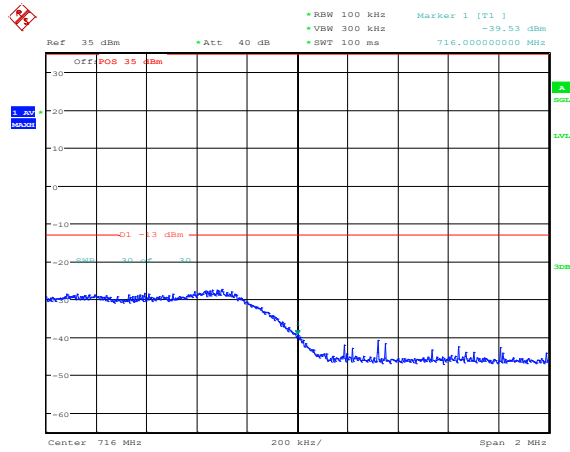
Band17-5MHz-16QAM-23755-1RB#24



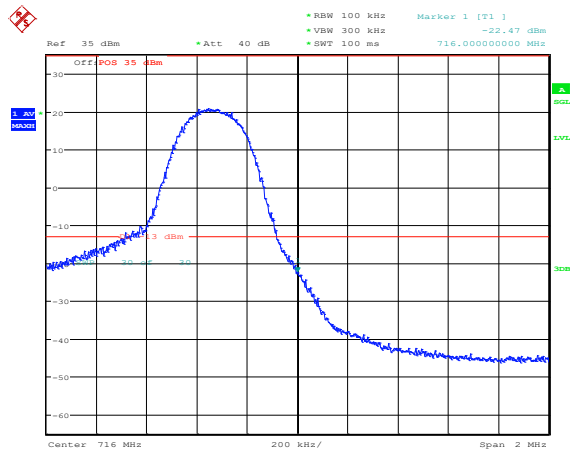
Band17-5MHz-16QAM-23755-25RB#0



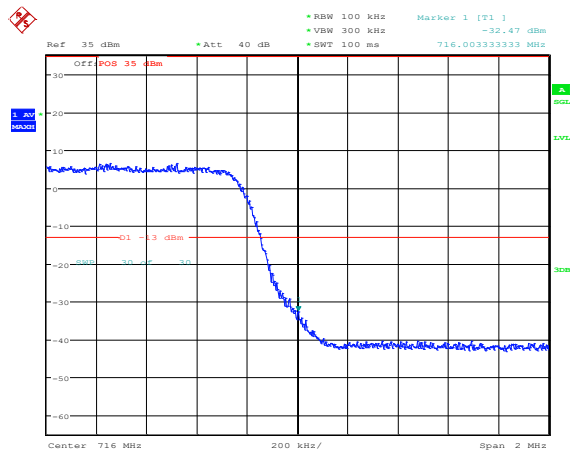
Band17-5MHz-16QAM-23825-1RB#0



### Band17-5MHz-16QAM-23825-1RB#24



### Band17-5MHz-16QAM-23825-25RB#0



## Appendix E: Conducted Spurious Emission

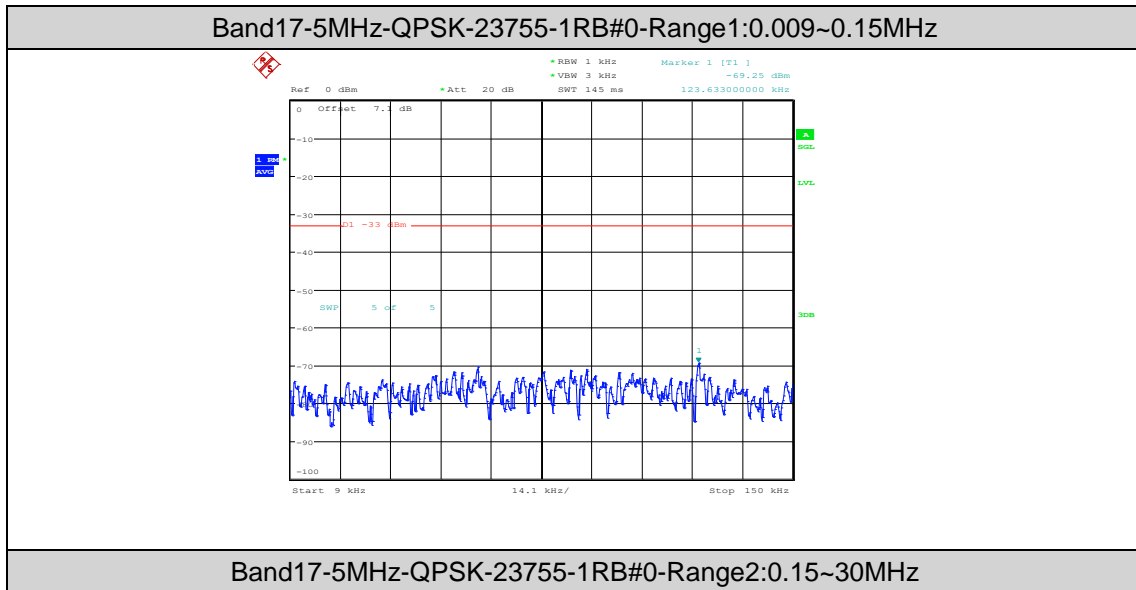
### Test Result

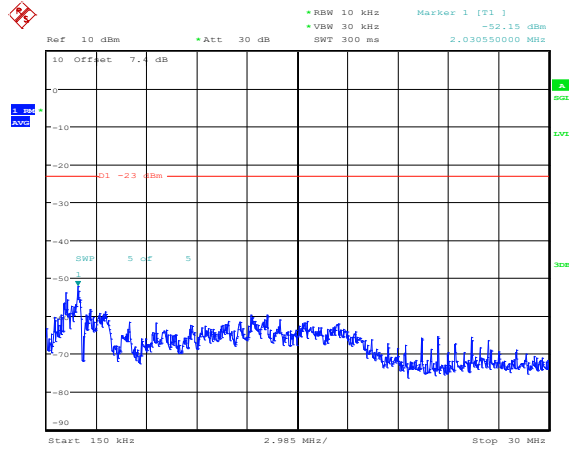
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band1 7	5MHz	QPSK	23755	1RB#0	Range1:0.009~0.15MHz	-69.25	PASS
Band1 7	5MHz	QPSK	23755	1RB#0	Range2:0.15~30MHz	-52.15	PASS
Band1 7	5MHz	QPSK	23755	1RB#0	Range3:30~1000MHz	-53.86	PASS
Band1 7	5MHz	QPSK	23755	1RB#0	Range4:1000~10000MHz	-42.58	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-68.66	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-49.18	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-54.71	PASS
Band1 7	5MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-40.93	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range1:0.009~0.15MHz	-69.15	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range2:0.15~30MHz	-53.47	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range3:30~1000MHz	-55.01	PASS
Band1 7	5MHz	QPSK	23825	1RB#0	Range4:1000~10000MHz	-41.69	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range1:0.009~0.15MHz	-69.36	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range2:0.15~30MHz	-53.22	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range3:30~1000MHz	-54.51	PASS
Band1 7	5MHz	16QAM	23755	1RB#0	Range4:1000~10000MHz	-38.72	PASS
Band1 7	5MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-68.65	PASS
Band1 7	5MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-50.11	PASS

Band1 7	5MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-54.3 4	PAS S
Band1 7	5MHz	16QAM	23790	1RB#0	Range4:1000~10000M Hz	-44.3 5	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range1:0.009~0.15M Hz	-70.3 1	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range2:0.15~30MHz	-50.4 4	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range3:30~1000MHz	-54.6 2	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range4:1000~10000M Hz	-39.4 6	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range1:0.009~0.15M Hz	-69.9 6	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range2:0.15~30MHz	-52.9 8	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range3:30~1000MHz	-54.3	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range4:1000~10000M Hz	-40.1 6	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range1:0.009~0.15M Hz	-69.5 7	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-52.1 8	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-54.6 9	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range4:1000~10000M Hz	-43.4 9	PAS S
Band1 7	10MHz	QPSK	23800	1RB#0	Range1:0.009~0.15M Hz	-68.3 4	PAS S
Band1 7	10MHz	QPSK	23800	1RB#0	Range2:0.15~30MHz	-50.3 9	PAS S
Band1 7	10MHz	QPSK	23800	1RB#0	Range3:30~1000MHz	-54.6 3	PAS S
Band1 7	10MHz	QPSK	23800	1RB#0	Range4:1000~10000M Hz	-41.6 5	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range1:0.009~0.15M Hz	-67.4 7	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range2:0.15~30MHz	-51.4 2	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range3:30~1000MHz	-53.9 7	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range4:1000~10000M Hz	-41.2 8	PAS S

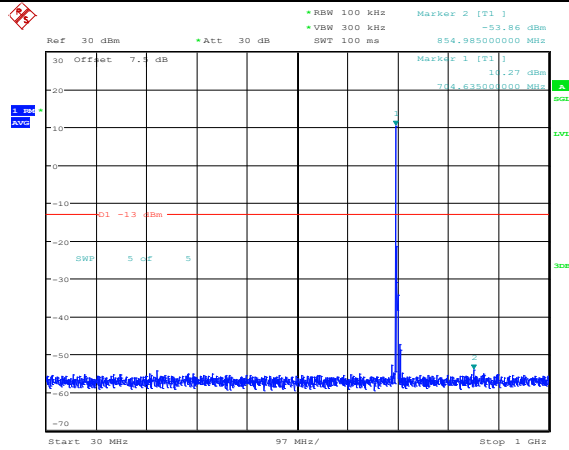
Band1 7	10MHz	16QAM	23790	1RB#0	Range1:0.009~0.15M Hz	-69.3 1	PAS S
Band1 7	10MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-53.6	PAS S
Band1 7	10MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-54.5 9	PAS S
Band1 7	10MHz	16QAM	23790	1RB#0	Range4:1000~10000M Hz	-40.3 6	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range1:0.009~0.15M Hz	-68.9 7	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range2:0.15~30MHz	-52.8 8	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range3:30~1000MHz	-54.6 7	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range4:1000~10000M Hz	-41.5 9	PAS S

## Test Graphs

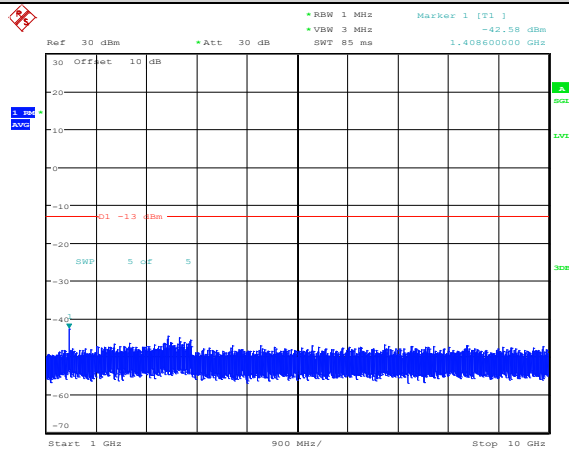




Band17-5MHz-QPSK-23755-1RB#0-Range3:30~1000MHz

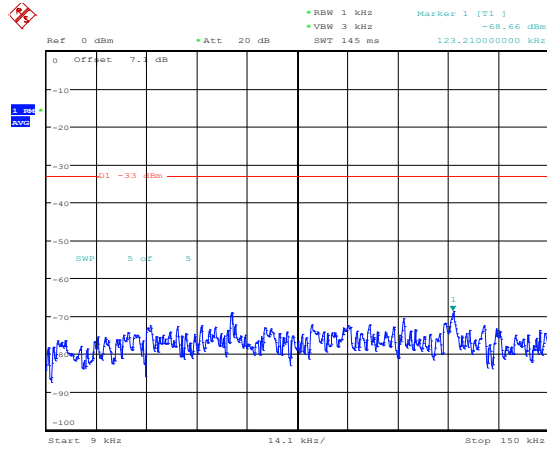


Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz

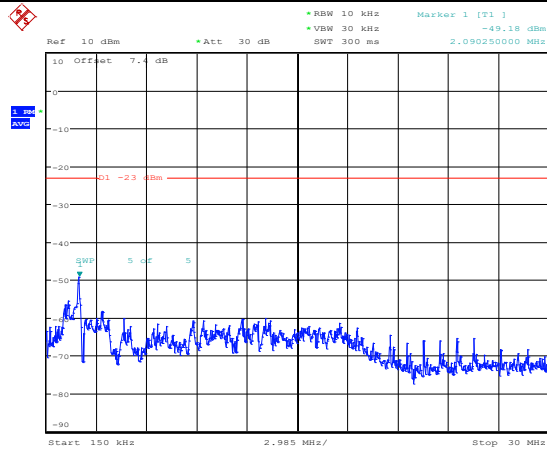


Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

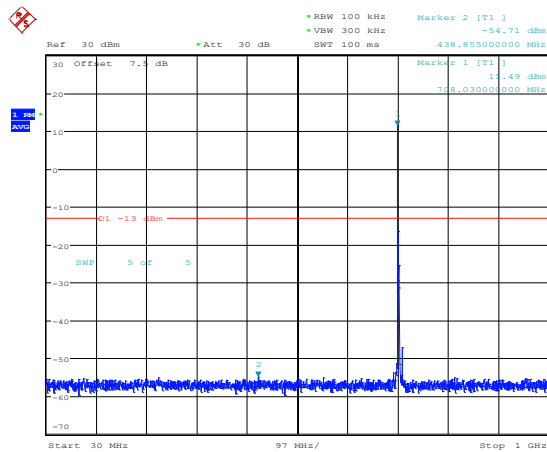




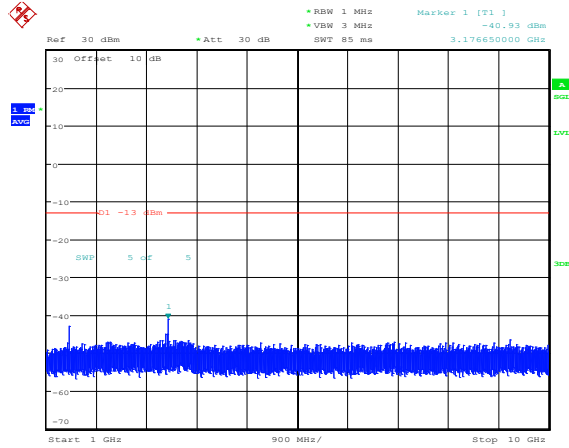
**Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz**



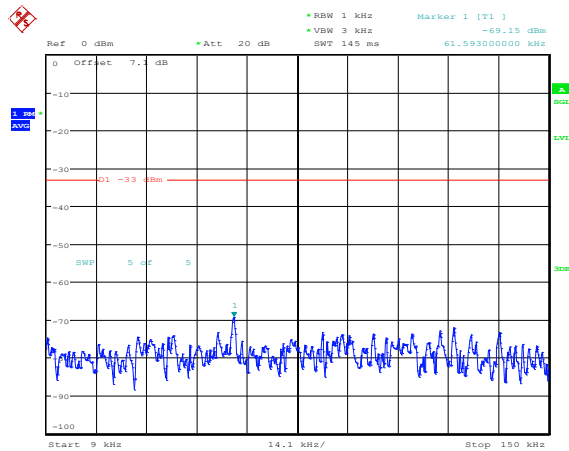
**Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz**



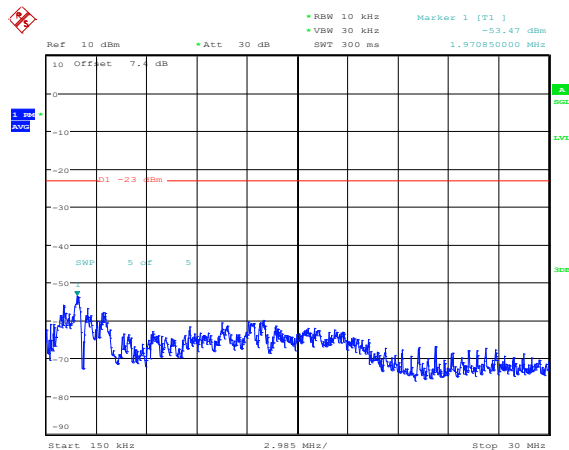
**Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz**



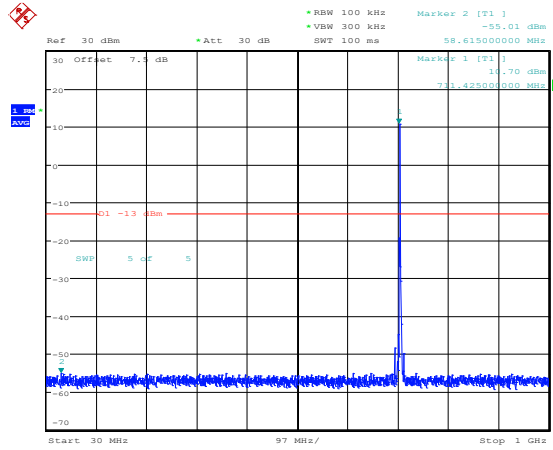
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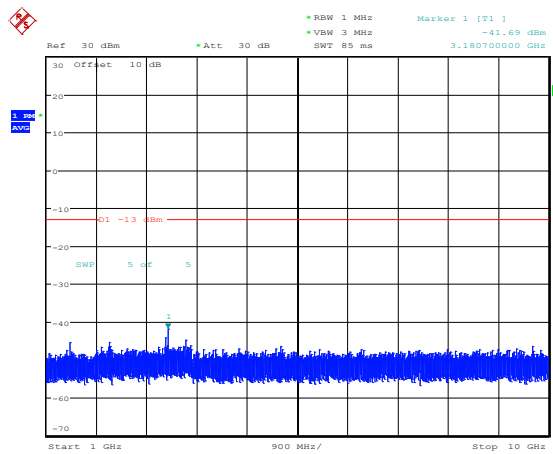
**Band17-5MHz-QPSK-23825-1RB#0-Range2:0.15~30MHz**



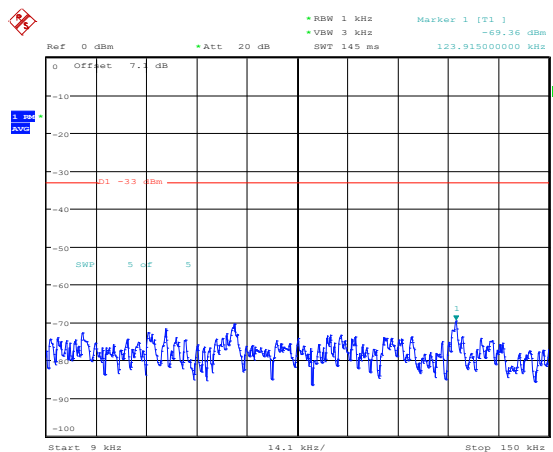
**Band17-5MHz-QPSK-23825-1RB#0-Range3:30~1000MHz**



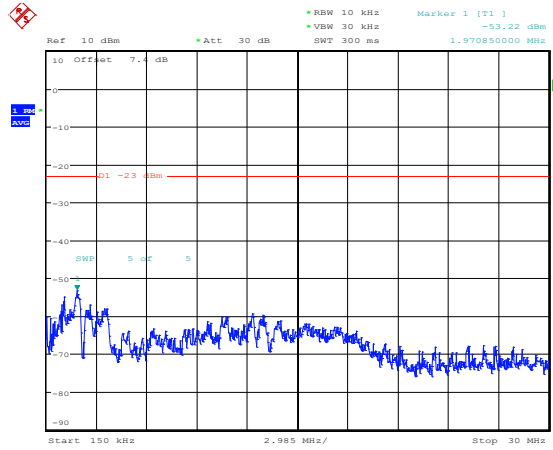
**Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz**



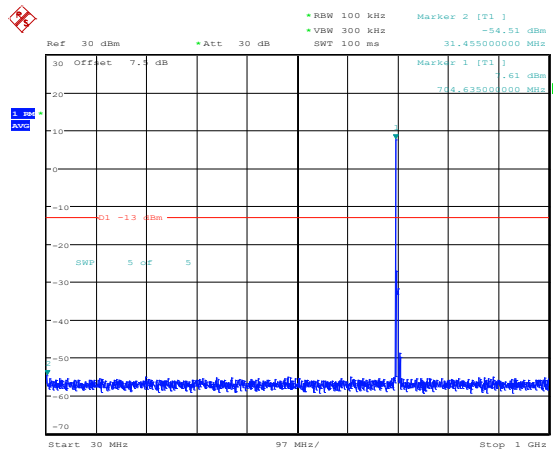
**Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz**



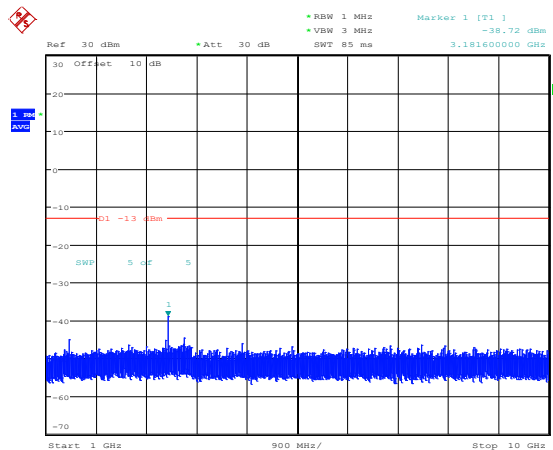
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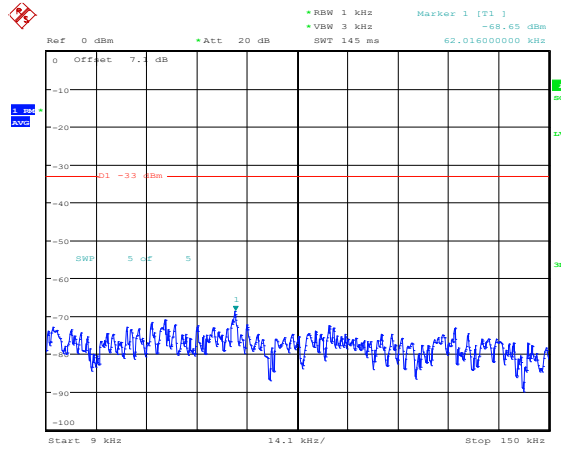
Band17-5MHz-16QAM-23755-1RB#0-Range3:30~1000MHz



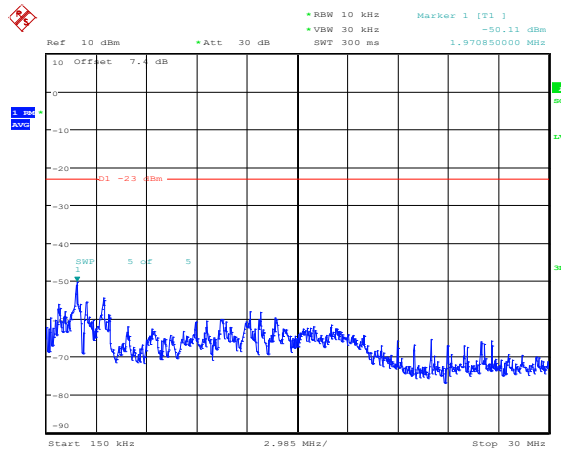
Band17-5MHz-16QAM-23755-1RB#0-Range4:1000~10000MHz



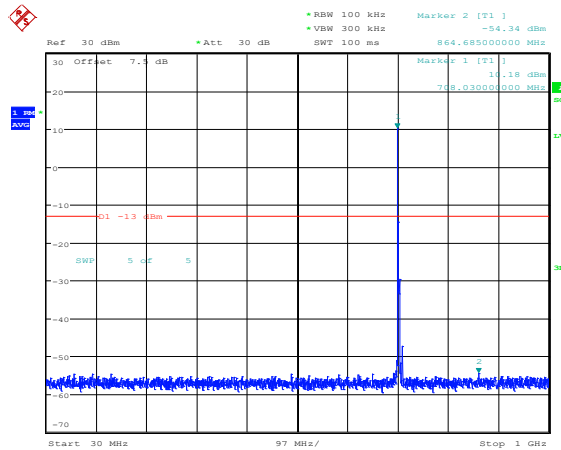
Band17-5MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



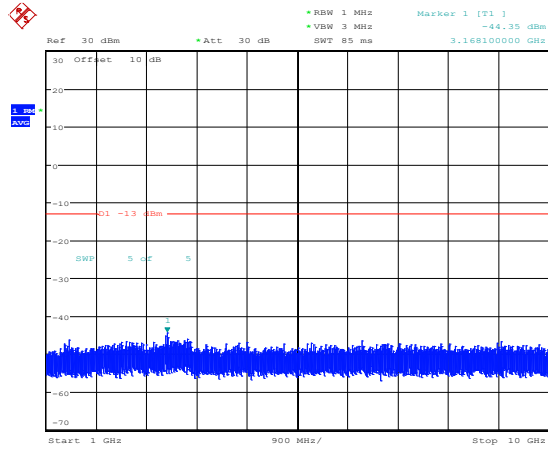
Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



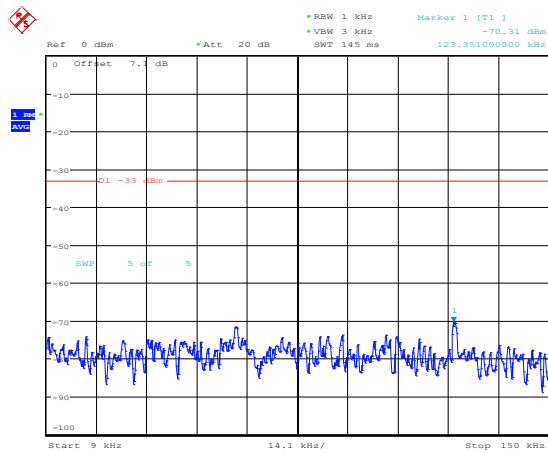
Band17-5MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



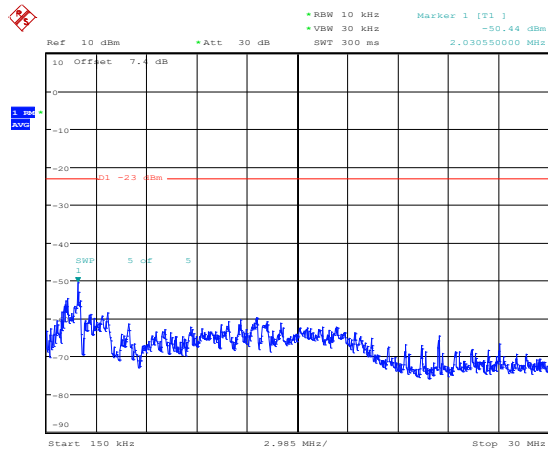
Band17-5MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



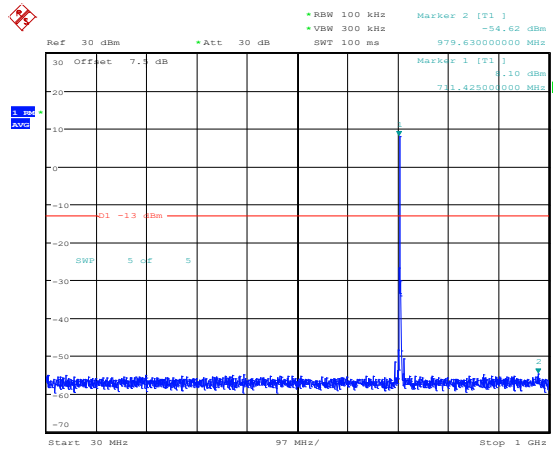
Band17-5MHz-16QAM-23825-1RB#0-Range1:0.009~0.15MHz



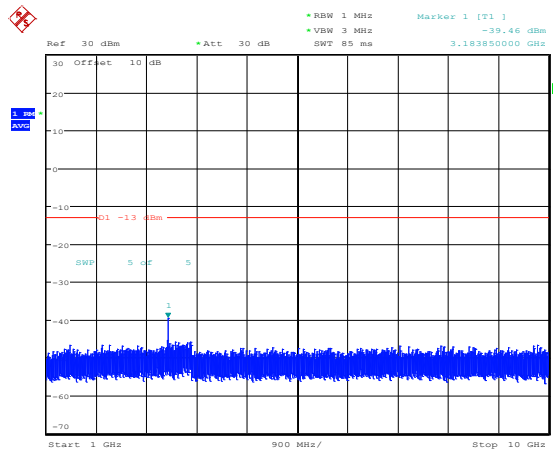
Band17-5MHz-16QAM-23825-1RB#0-Range2:0.15~30MHz



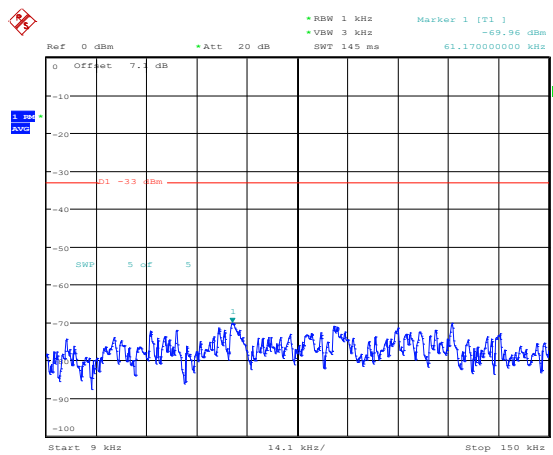
Band17-5MHz-16QAM-23825-1RB#0-Range3:30~1000MHz



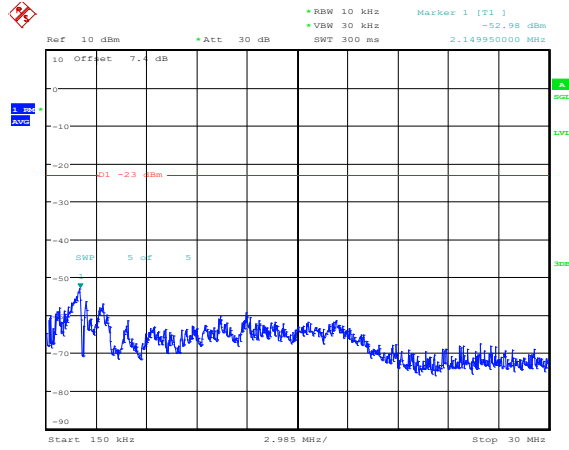
**Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz**



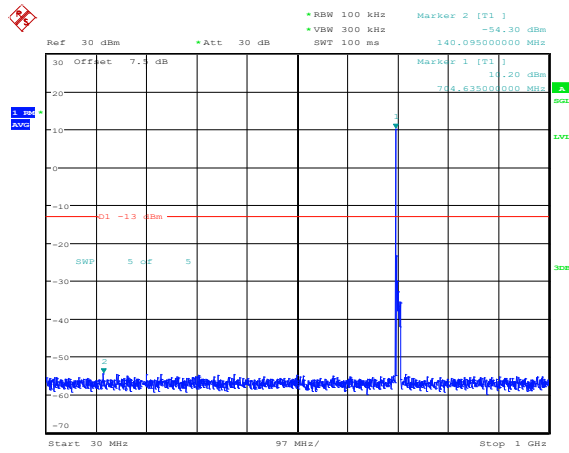
**Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz**



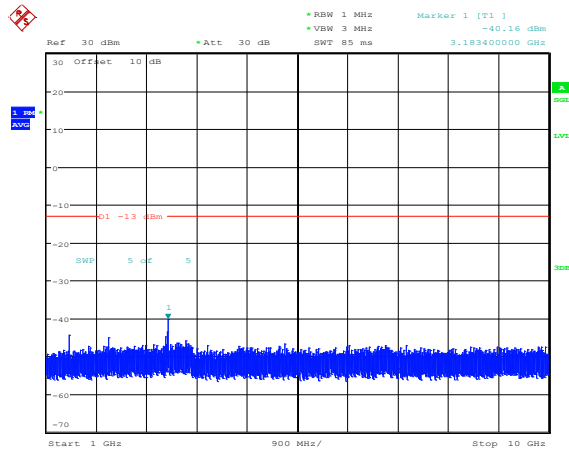
**Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz**



Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz

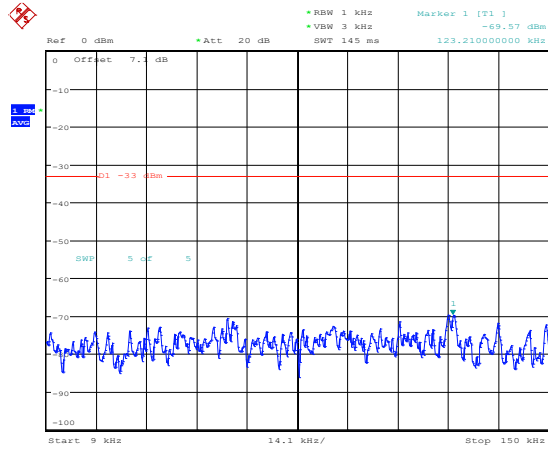


Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz

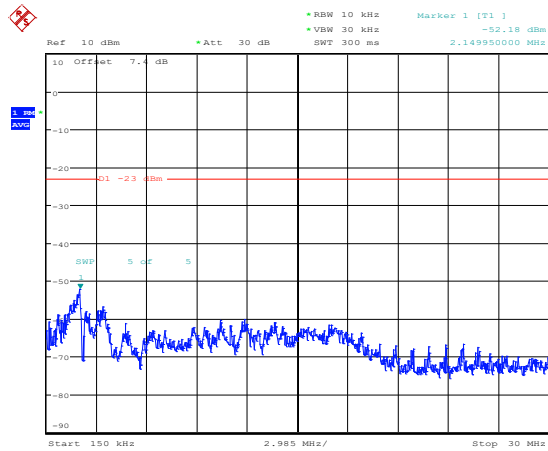


Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

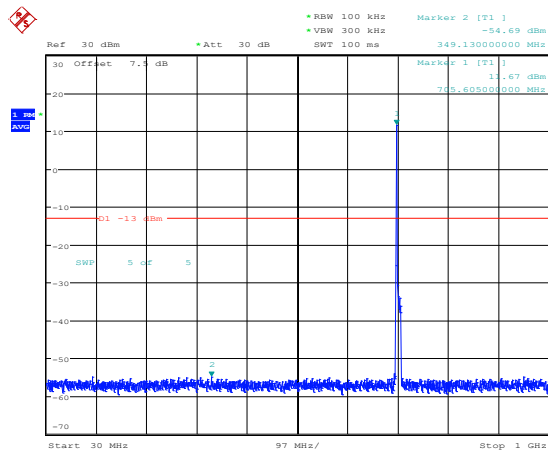




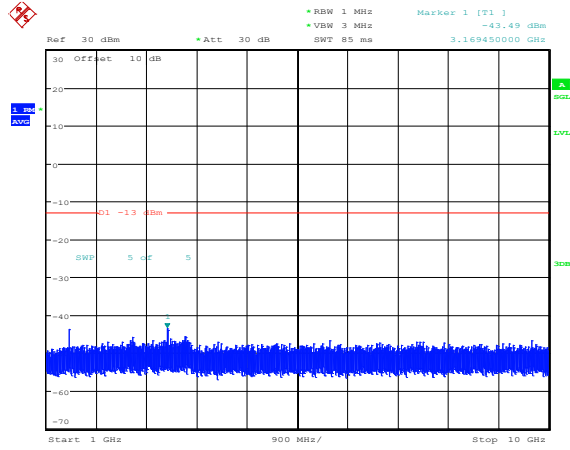
Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



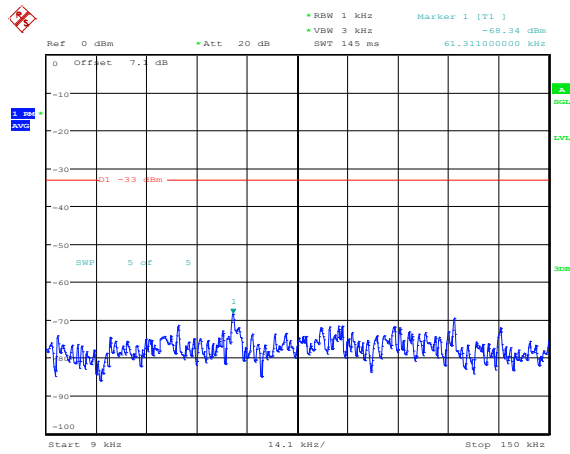
Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



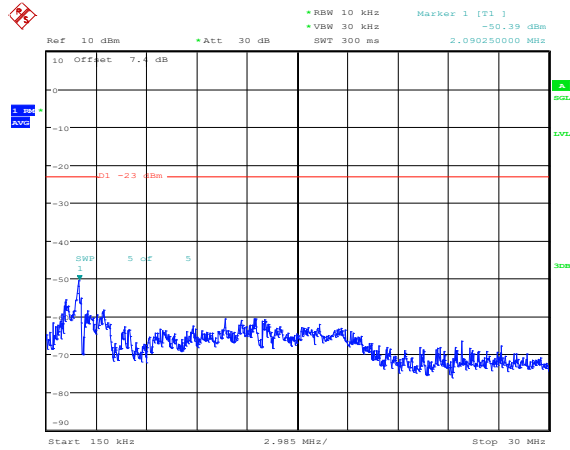
Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



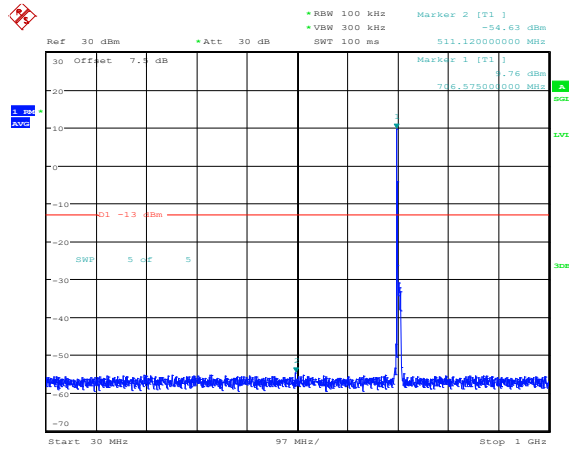
**Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz**



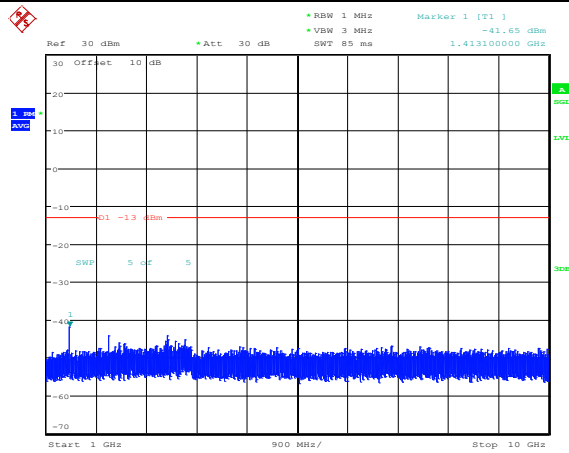
**Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz**



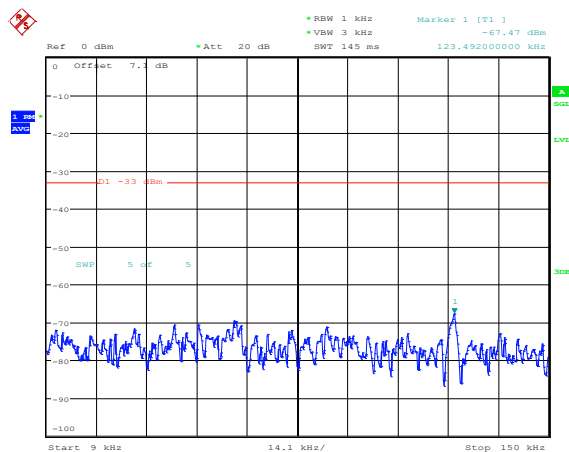
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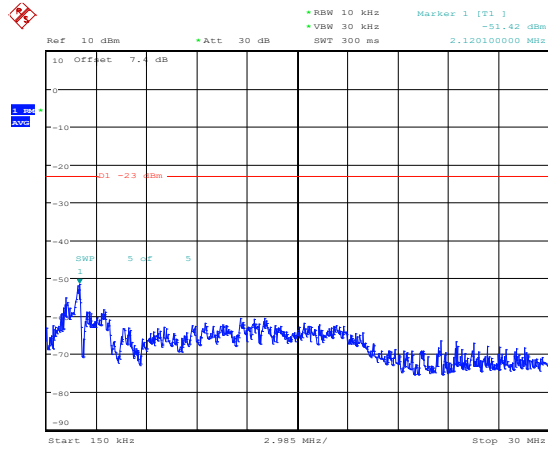
**Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz**



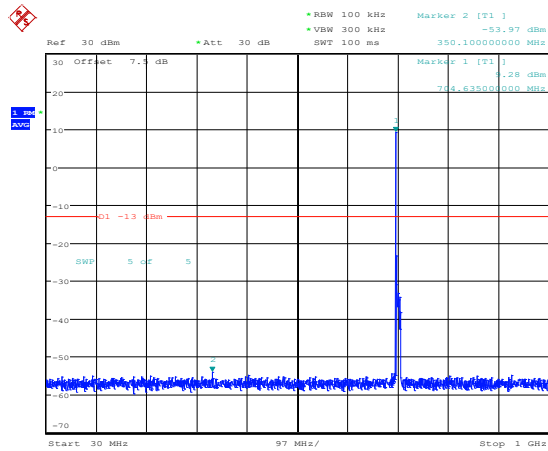
**Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz**



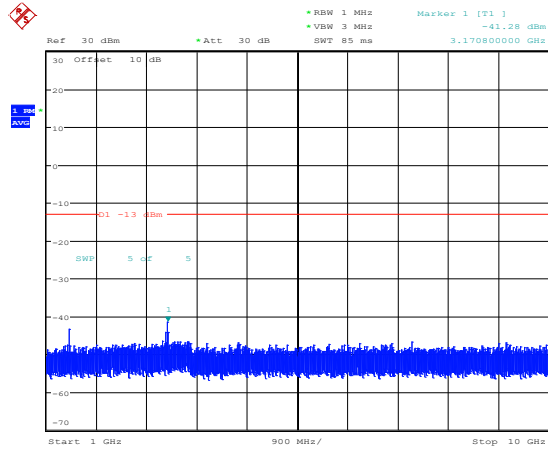
**Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz**



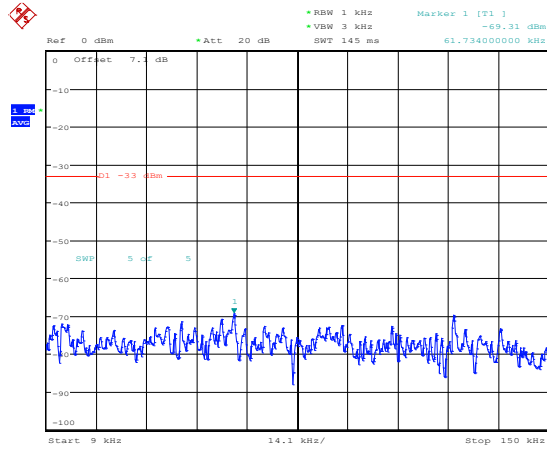
Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz



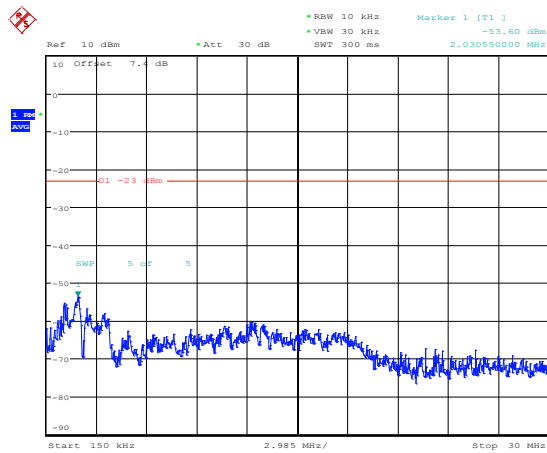
Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz



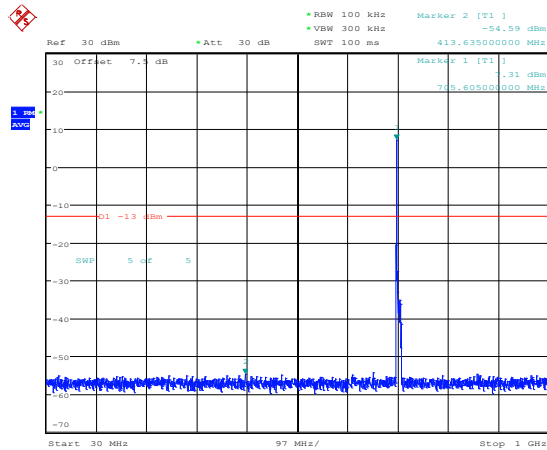
Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



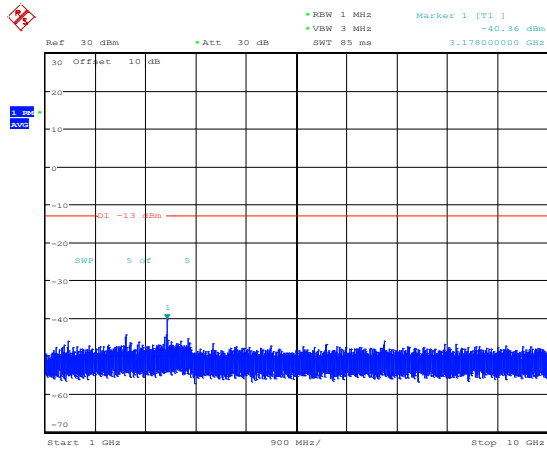
Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



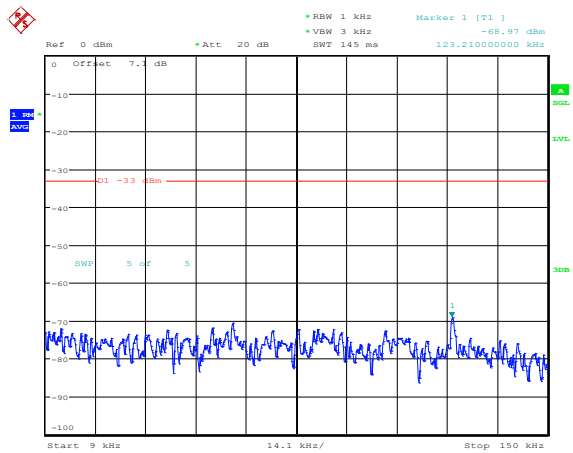
Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



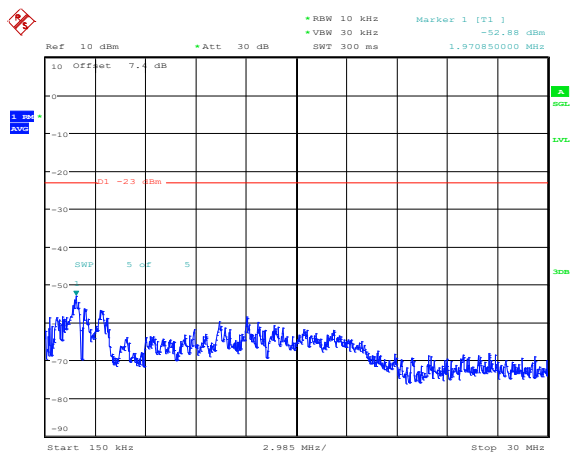
Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



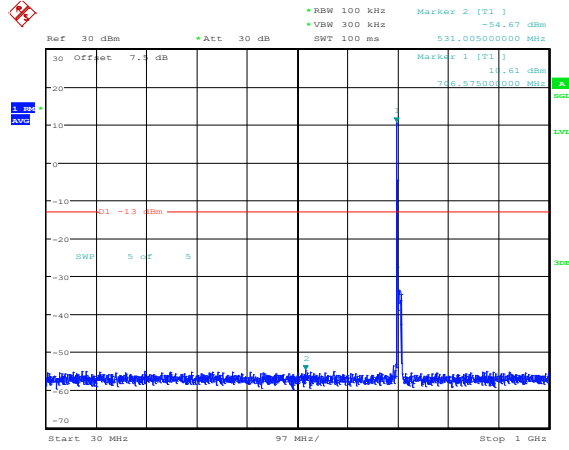
Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz



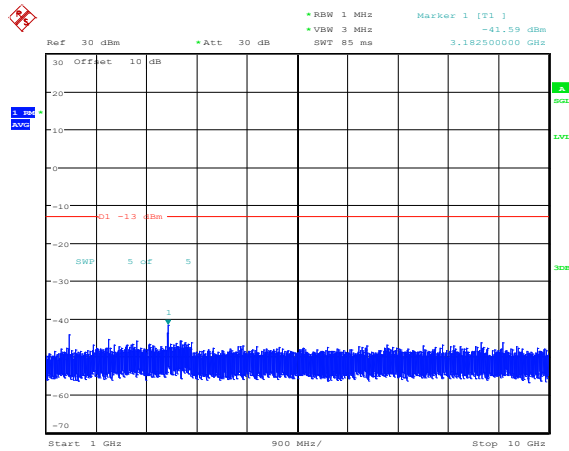
Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



Band17-10MHz-16QAM-23800-1RB#0-Range3:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range4:1000~10000MHz



## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	-3.52	-0.004982	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	-12.12	-0.017155	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	-4.02	-0.005690	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	-10.03	-0.014127	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	-7.82	-0.011014	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	-4.03	-0.005676	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	-11.83	-0.016580	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	-13.58	-0.019033	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	-8.67	-0.012151	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	-9.46	-0.013390	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	-15.96	-0.022590	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	-2.00	-0.002831	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-8.03	-0.011310	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	-4.36	-0.006141	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	-7.14	-0.010056	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	-21.77	-0.030512	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	-9.17	-0.012852	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VH	NT	-23.89	-0.033483	±2.5	PASS



Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	-9.84	-0.013879	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	-13.13	-0.018519	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	-5.05	-0.007123	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	4.56	0.006423	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	2.35	0.003310	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	6.67	0.009394	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	2.88	0.004051	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	-4.25	-0.005977	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	3.22	0.004529	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	-11.83	-0.016685	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	4.65	0.006559	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	-7.91	-0.011157	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	23.16	0.032620	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	18.93	0.026662	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	26.44	0.037239	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	7.14	0.010042	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	4.21	0.005921	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	3.56	0.005007	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-30	-8.14	-0.011522	±2.5	PASS

Band1 7	5MHz	QPSK	23755	25RB#0	NV	-20	-6.35	-0.008988	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	0	5.89	0.008337	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	10	-2.32	-0.003284	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	20	4.82	0.006822	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-30	10.33	0.014549	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-20	3.95	0.005563	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	0	4.29	0.006042	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	10	4.02	0.005662	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	20	5.05	0.007113	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-30	-14.85	-0.020813	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-20	-9.87	-0.013833	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	0	7.14	0.010007	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	10	3.55	0.004975	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	20	5.39	0.007554	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-30	-6.57	-0.009299	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-20	-12.47	-0.017650	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	0	-9.64	-0.013645	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	10	-29.18	-0.041302	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	20	7.97	0.011281	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-30	-4.81	-0.006775	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-20	-4.55	-0.006408	±2.5	PASS
Band1	5MHz	16QAM	23790	25RB#0	NV	0	-10.11	-0.014239	±2.5	PASS

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Band1 7	5MHz	16QAM	23790	25RB#0	NV	10	-9.41	-0.013254	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	20	-6.17	-0.008690	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-30	-10.70	-0.014996	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-20	-10.66	-0.014940	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	0	-9.46	-0.013259	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	10	-19.56	-0.027414	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	20	-14.65	-0.020533	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-30	-3.40	-0.004795	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-20	-18.57	-0.026192	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	0	3.81	0.005374	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	10	4.19	0.005910	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	20	4.01	0.005656	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-30	10.30	0.014507	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-20	12.10	0.017042	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	0	16.26	0.022901	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	10	17.09	0.024070	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	20	15.46	0.021775	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-30	5.04	0.007089	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-20	5.74	0.008073	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	0	8.20	0.011533	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	10	8.94	0.012574	±2.5	PASS

Band1 7	10MHz	QPSK	23800	50RB#0	NV	20	7.50	0.010549	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-30	-2.70	-0.003808	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-20	6.19	0.008731	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	0	10.84	0.015289	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	10	15.15	0.021368	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	20	21.57	0.030423	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-30	30.18	0.042507	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-20	34.19	0.048155	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	0	38.15	0.053732	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	10	43.76	0.061634	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	20	24.83	0.034972	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-30	2.32	0.003263	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-20	4.09	0.005752	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	0	6.49	0.009128	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	10	8.48	0.011927	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	20	12.52	0.017609	±2.5	PASS