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Main RF module appendix for LTE Band 17

**Applicant: HONGKONG U-CLOUDLINK NETWORK TECHNOLOGY
LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung Sha
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Product Name: 4G Wireless Data Terminal

Model: GLMU20A02

FCC ID: 2AC88-GLMU20A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

LTE Band 17				Actual output Power (dBm)			
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	Low	24.13	24.36	24.06	
			Middle	24.04	24.33	23.85	
			High	24.08	24.27	23.94	
		12	Low	22.66	22.80	22.32	
			Middle	22.64	22.86	22.25	
			High	22.61	22.72	22.22	
		25	/	22.58	22.43	21.72	
		16QAM	1	Low	23.84	23.99	23.65
				Middle	23.81	23.92	23.42
	High			23.74	23.91	23.56	
	12		Low	21.98	22.11	21.77	
			Middle	21.95	22.04	21.56	
			High	21.89	22.04	21.68	
	25	/	21.65	21.83	21.38		
	10	QPSK	1	Low	24.21	24.44	24.14
Middle				24.11	24.41	23.94	
High				24.16	24.35	24.02	
25			Low	22.73	22.88	22.40	
			Middle	22.71	22.93	22.33	
			High	22.68	22.79	22.29	
50			/	22.65	22.50	21.79	
16QAM			1	Low	23.59	23.79	23.48
				Middle	23.56	23.72	23.25
		High		23.49	23.71	23.39	
		25	Low	21.75	21.92	21.61	
			Middle	21.72	21.86	21.40	
			High	21.66	21.85	21.53	
		50	/	21.43	21.64	21.22	

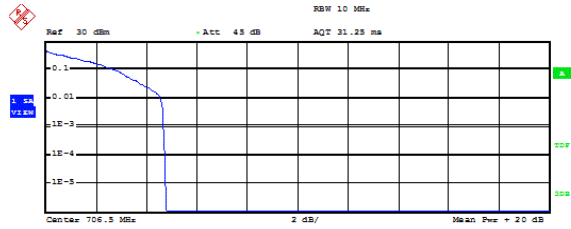
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.68	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.48	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.78	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.45	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.81	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.45	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.77	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.38	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.61	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.35	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.64	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.31	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.81	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.38	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.81	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.32	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.78	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.32	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.74	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.38	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.90	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.38	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.38	13	PASS

Test Graphs

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



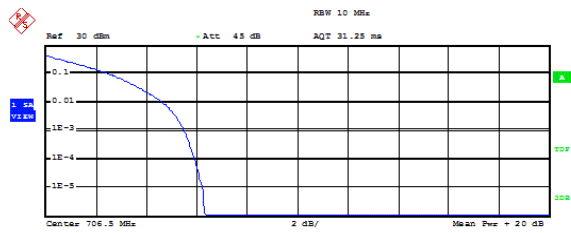
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1

Mean	24.38 dBm
Peak	29.19 dBm
Crest	4.81 dB
10 %	2.76 dB
1 %	4.55 dB
.1 %	4.68 dB
.01 %	4.74 dB

Date: 30.OCT.2020 20:17:58

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



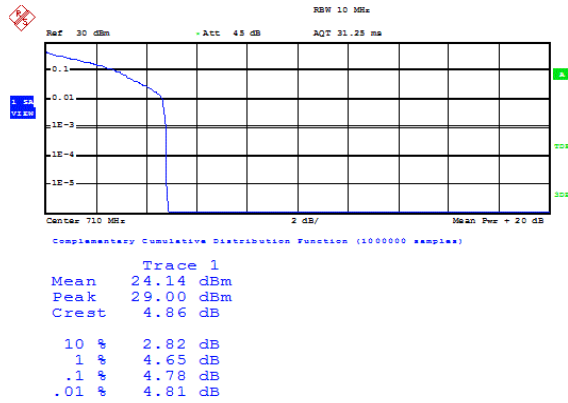
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1

Mean	23.43 dBm
Peak	29.75 dBm
Crest	6.32 dB
10 %	2.53 dB
1 %	4.62 dB
.1 %	5.48 dB
.01 %	5.93 dB

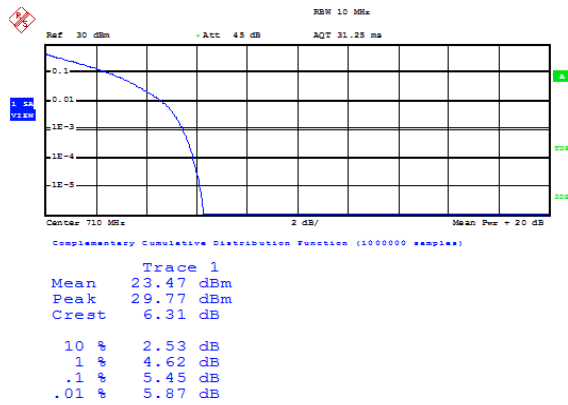
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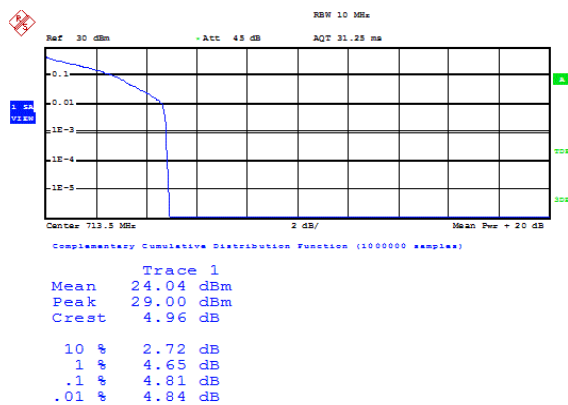
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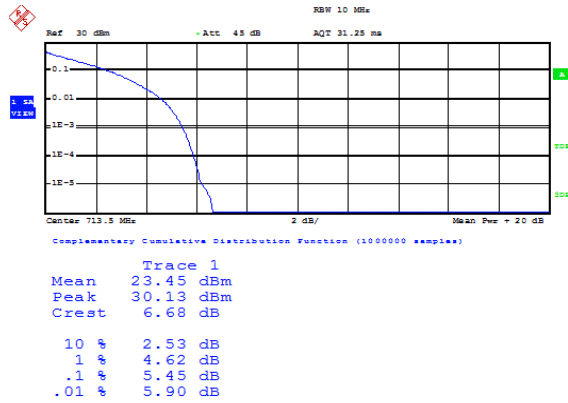
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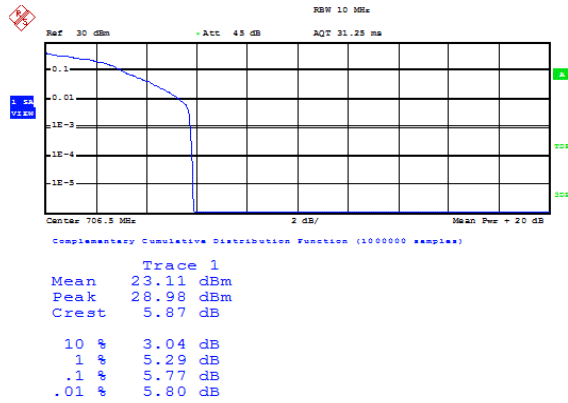
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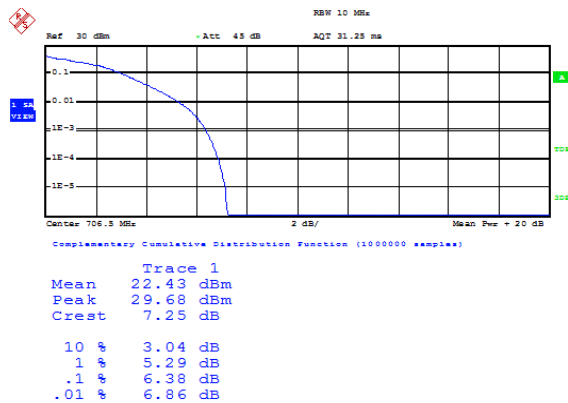
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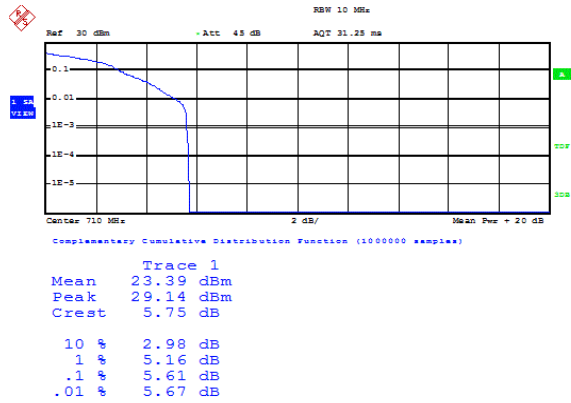
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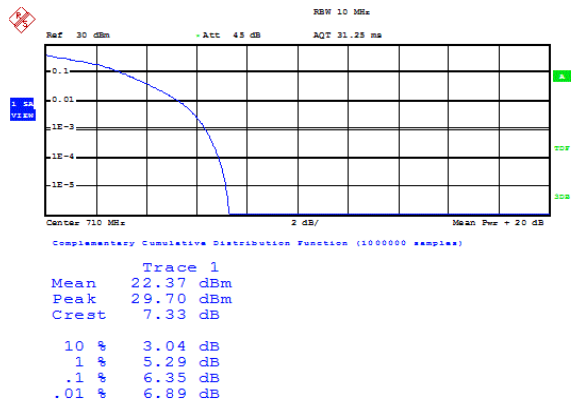
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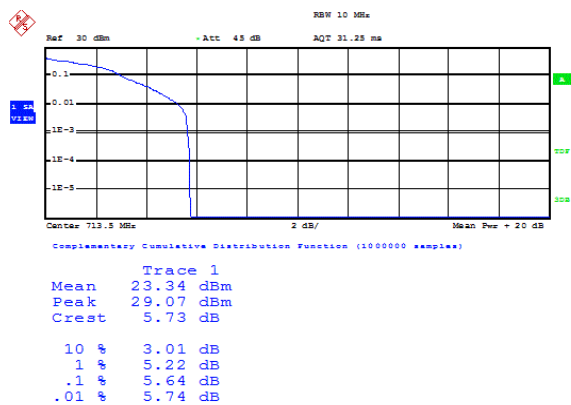
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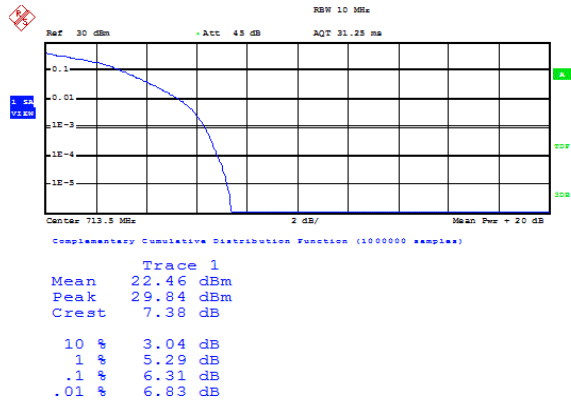
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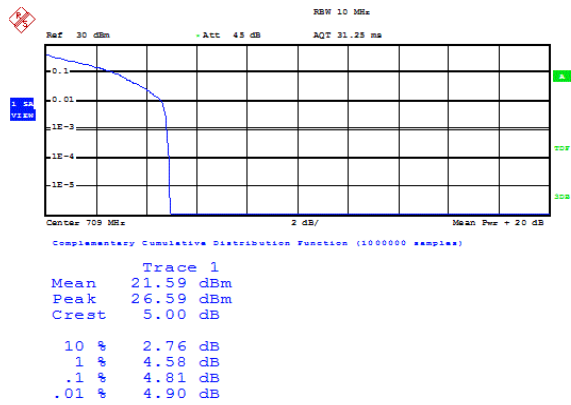
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Band17-5MHz-16QAM-23825-25RB#0



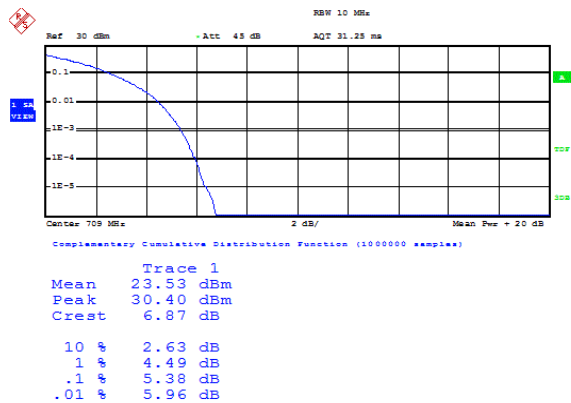
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Band17-10MHz-QPSK-23780-1RB#0



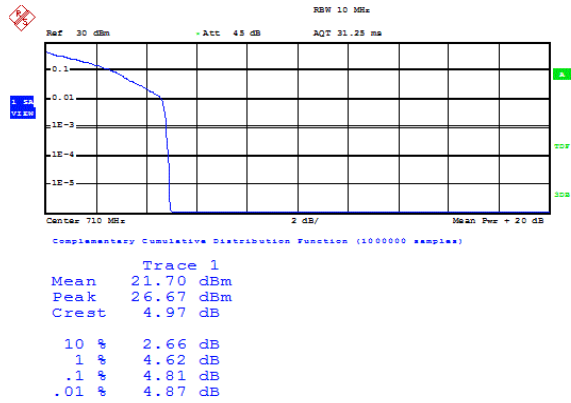
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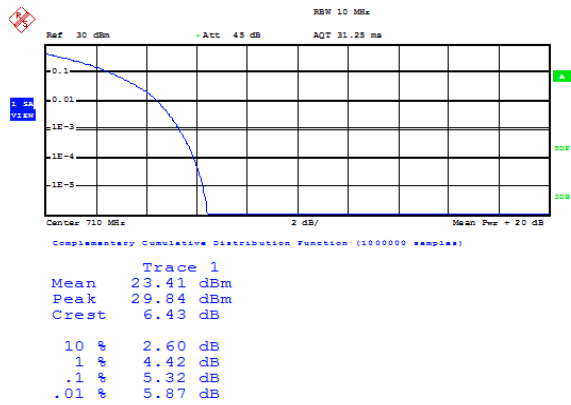
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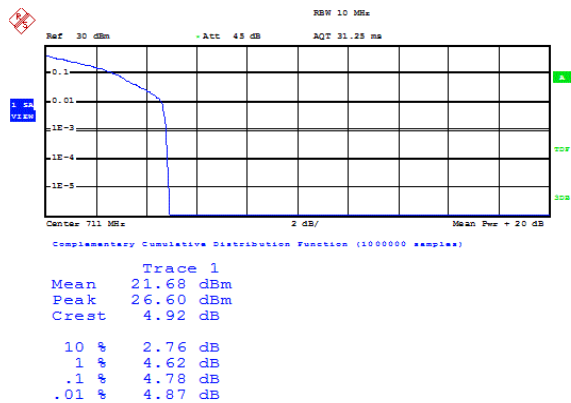
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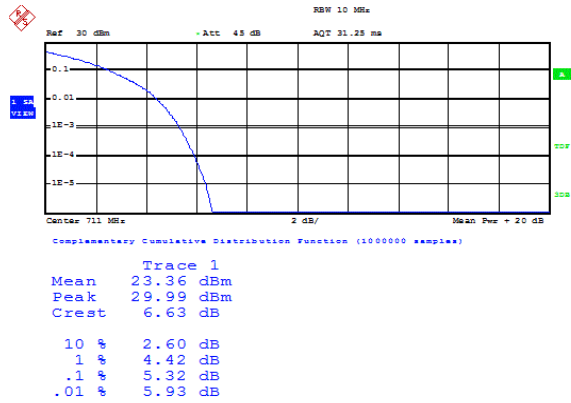
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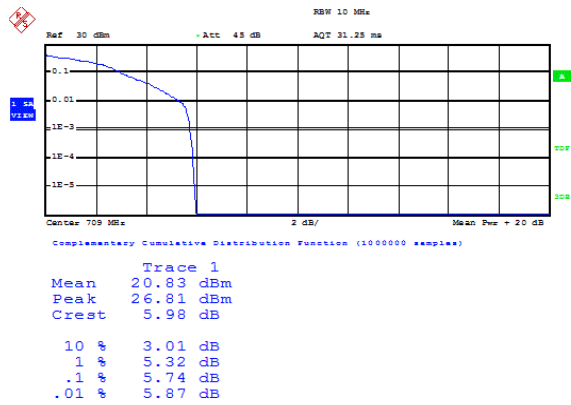
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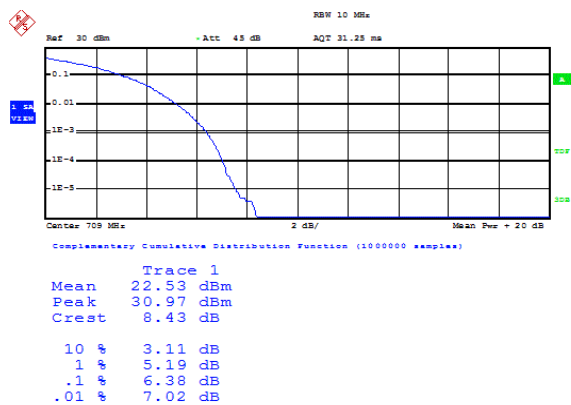
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Band17-10MHz-16QAM-23780-1RB#0



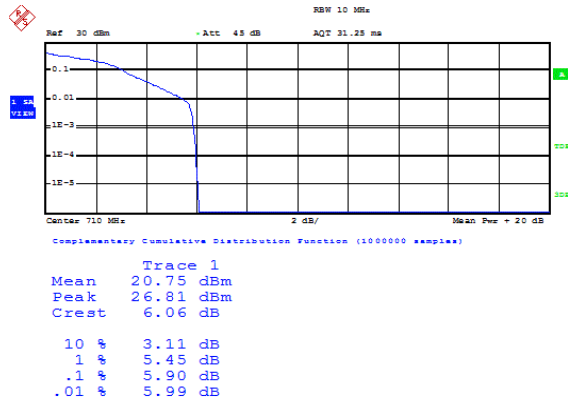
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Band17-10MHz-16QAM-23780-50RB#0



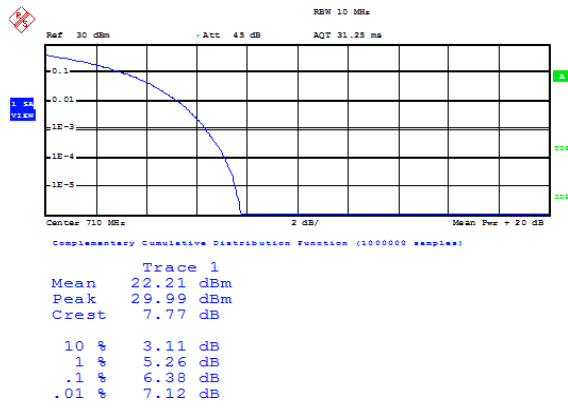
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Band17-10MHz-16QAM-23790-1RB#0



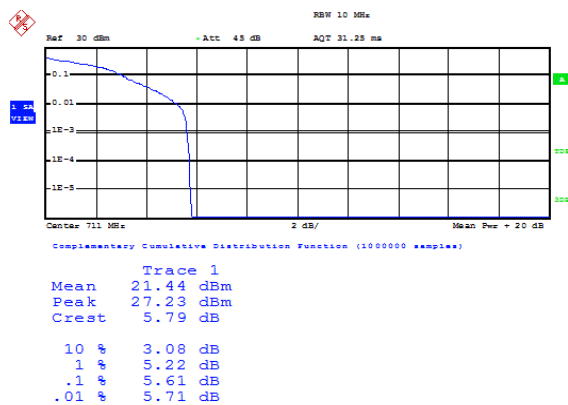
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Band17-10MHz-16QAM-23790-50RB#0



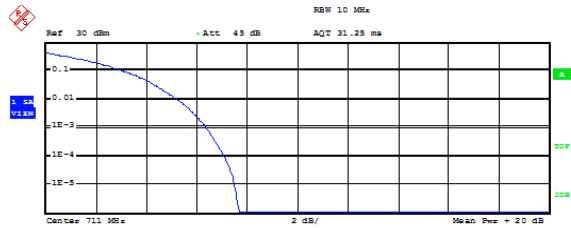
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Band17-10MHz-16QAM-23800-1RB#0



Date: 31.OCT.2020 08:38:48

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



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	22.25 dBm
Peak	30.06 dBm
Crest	7.80 dB
10 %	3.11 dB
1 %	5.22 dB
.1 %	6.38 dB
.01 %	7.08 dB

Date: 31.OCT.2020 08:39:05

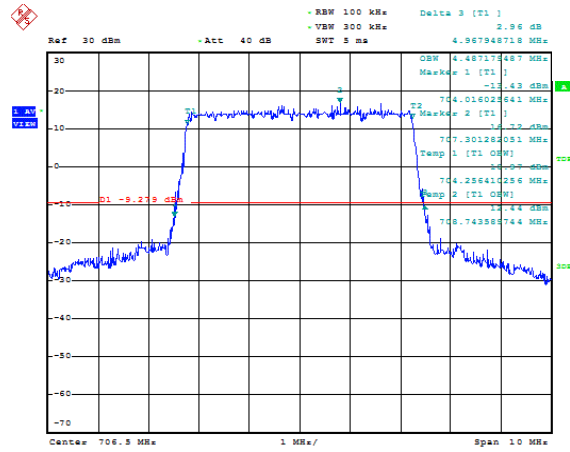
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.487	4.968	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5	4.780	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5	4.790	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.49	4.780	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.51	4.770	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.51	4.810	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.974	10.000	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.967	9.633	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.967	9.667	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.967	9.633	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.967	9.633	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.967	9.633	PASS

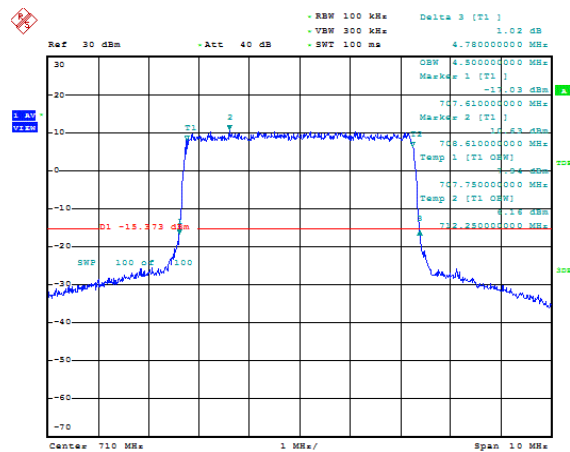
Test Graphs

Band17-5MHz-QPSK-23755-25RB#0-4.487



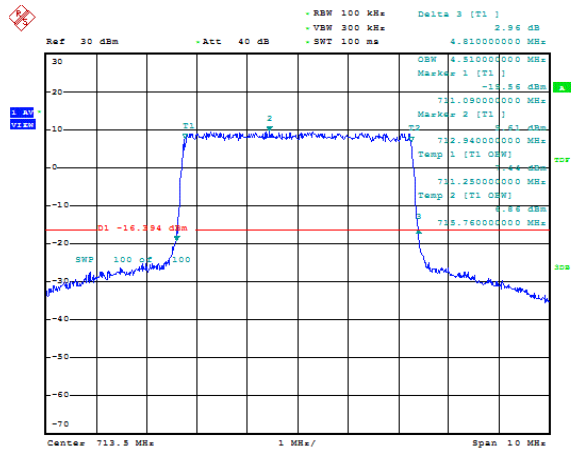
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Band17-5MHz-QPSK-23790-25RB#0-4.5



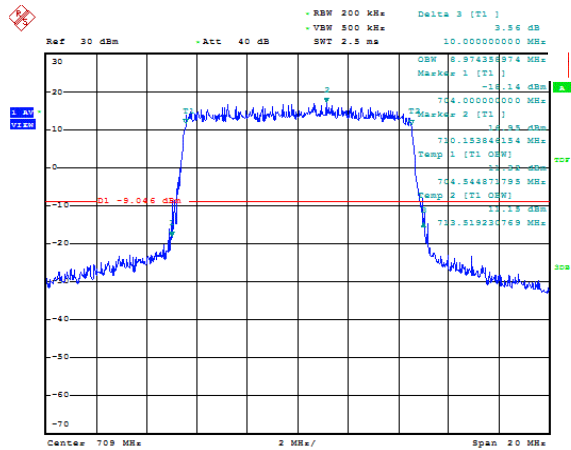
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Band17-5MHz-QPSK-23825-25RB#0-4.5



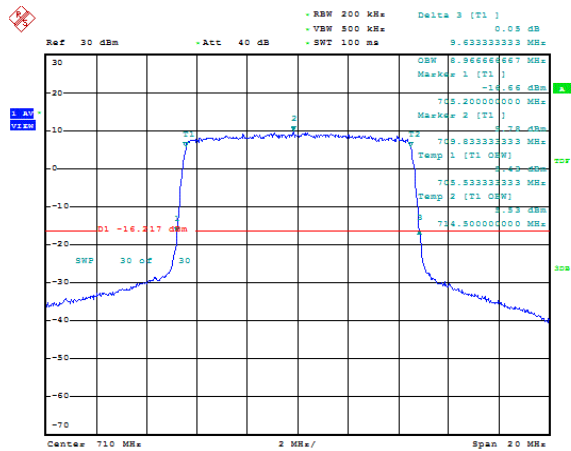
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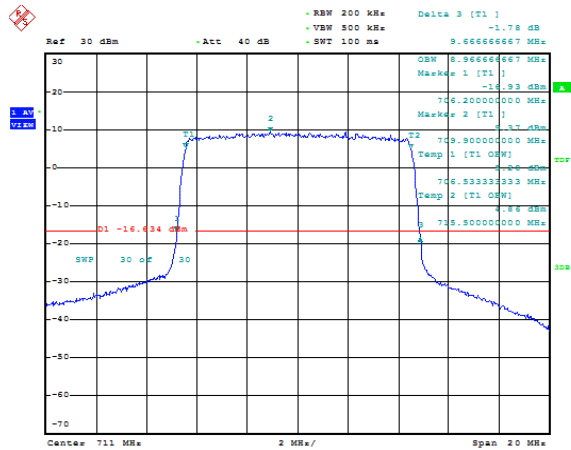
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Band17-10MHz-QPSK-23790-50RB#0-8.967



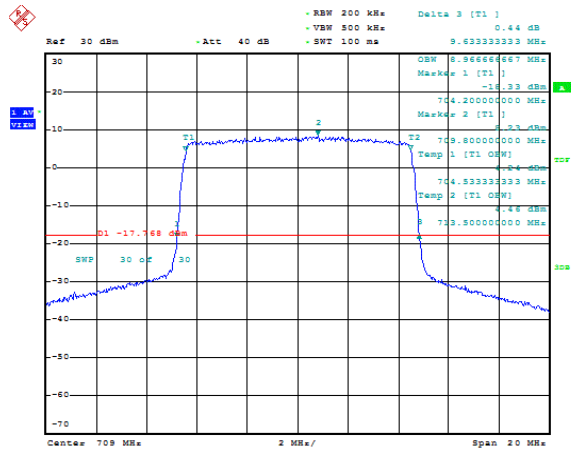
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Band17-10MHz-QPSK-23800-50RB#0-8.967



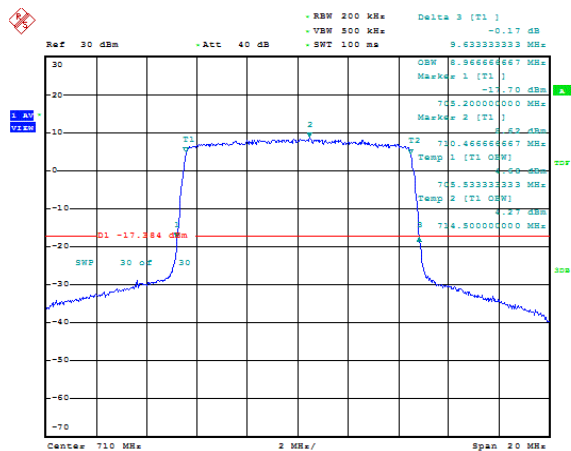
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Band17-10MHz-16QAM-23780-50RB#0-8.967



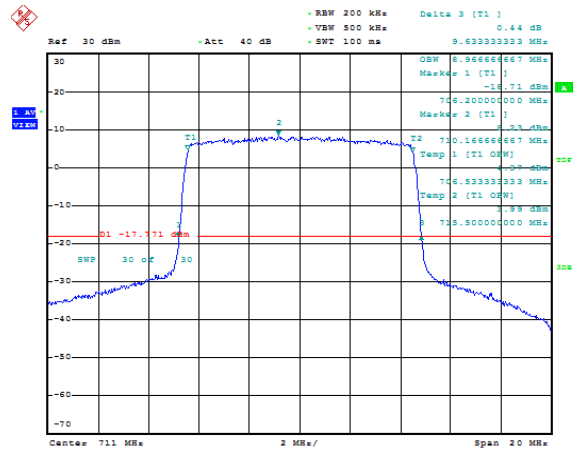
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Band17-10MHz-16QAM-23790-50RB#0-8.967



Date: 30.OCT.2020 20:25:58

Band17-10MHz-16QAM-23800-50RB#0-8.967



Date: 30.OCT.2020 20:26:21

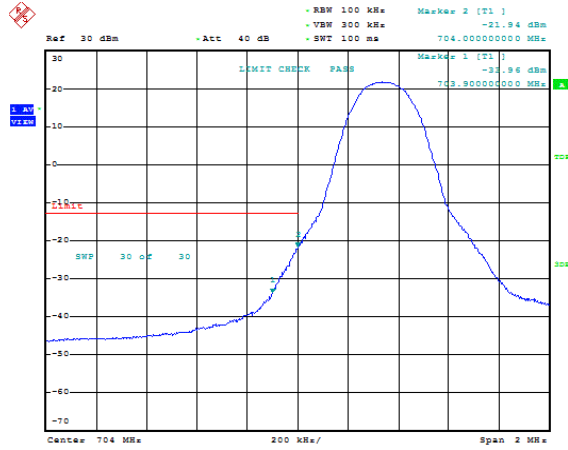
1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-33.96,-21.94	PASS
Band17	5MHz	QPSK	23755	1RB#24	-50.34,-49.51	PASS
Band17	5MHz	QPSK	23755	25RB#0	-28.25,-26.19	PASS
Band17	5MHz	QPSK	23825	1RB#0	-49.64,-50.34	PASS
Band17	5MHz	QPSK	23825	1RB#24	-21.67,-32.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	-26.65,-29.44	PASS
Band17	5MHz	16QAM	23755	1RB#0	-35.47,-23.75	PASS
Band17	5MHz	16QAM	23755	1RB#24	-50.42,-49.89	PASS
Band17	5MHz	16QAM	23755	25RB#0	-28.80,-26.83	PASS
Band17	5MHz	16QAM	23825	1RB#0	-49.87,-50.48	PASS
Band17	5MHz	16QAM	23825	1RB#24	-22.56,-33.45	PASS
Band17	5MHz	16QAM	23825	25RB#0	-27.05,-29.04	PASS
Band17	10MHz	QPSK	23780	1RB#0	-22.89,-16.55	PASS
Band17	10MHz	QPSK	23780	1RB#49	-49.05,-47.98	PASS
Band17	10MHz	QPSK	23780	50RB#0	-28.59,-27.32	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.35,-49.11	PASS
Band17	10MHz	QPSK	23800	1RB#49	-13.64,-20.31	PASS
Band17	10MHz	QPSK	23800	50RB#0	-27.14,-28.75	PASS
Band17	10MHz	16QAM	23780	1RB#0	-24.02,-17.55	PASS
Band17	10MHz	16QAM	23780	1RB#49	-49.58,-48.75	PASS
Band17	10MHz	16QAM	23780	50RB#0	-28.89,-27.96	PASS
Band17	10MHz	16QAM	23800	1RB#0	-48.67,-49.33	PASS
Band17	10MHz	16QAM	23800	1RB#49	-14.61,-21.11	PASS
Band17	10MHz	16QAM	23800	50RB#0	-27.60,-29.09	PASS

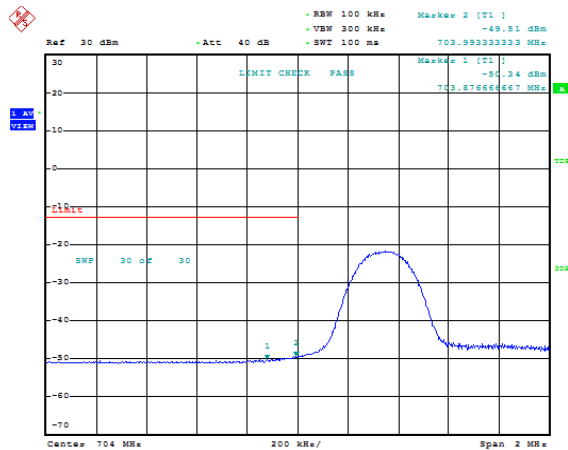
Test Graphs

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



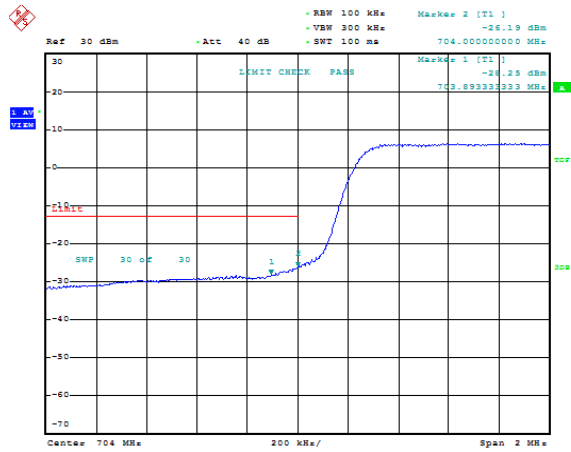
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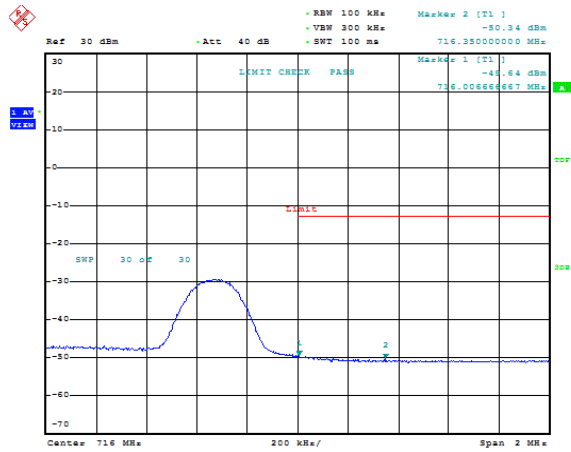
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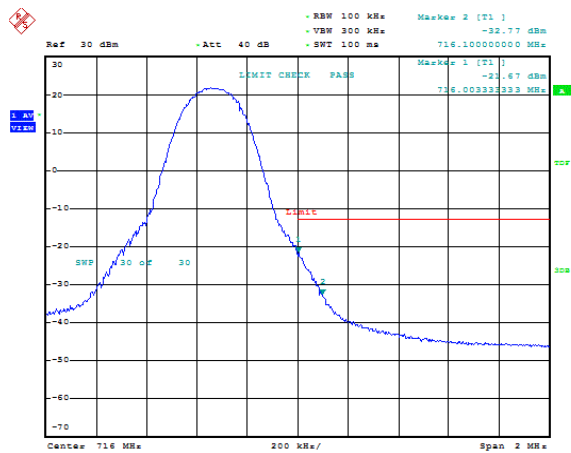
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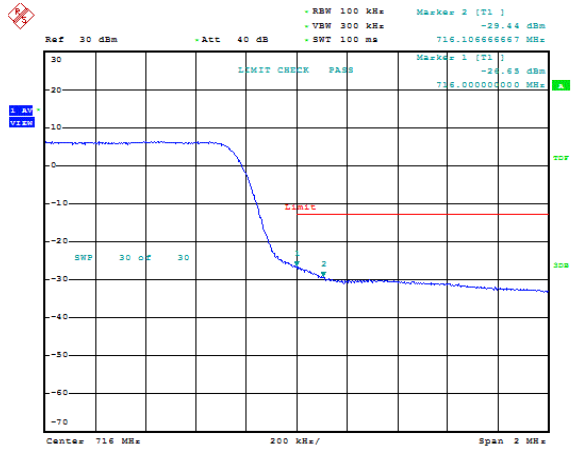
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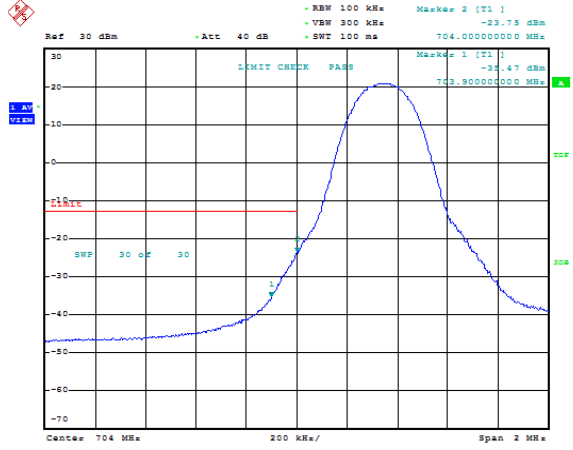
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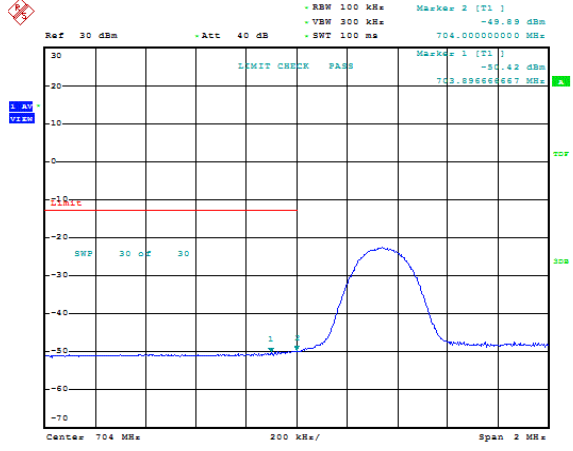
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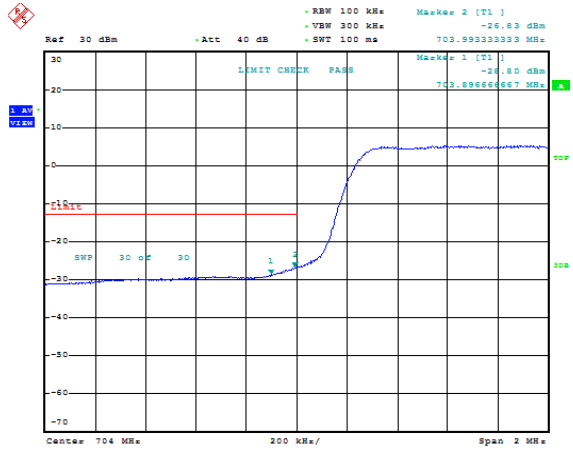
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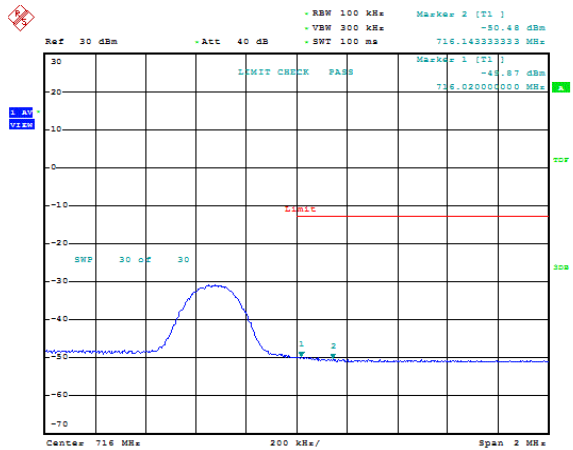
Date: 30.OCT.2020 20:09:19

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



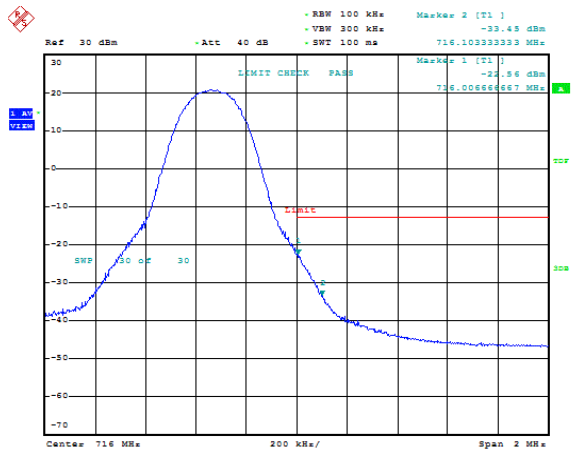
Date: 30.OCT.2020 20:09:40

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



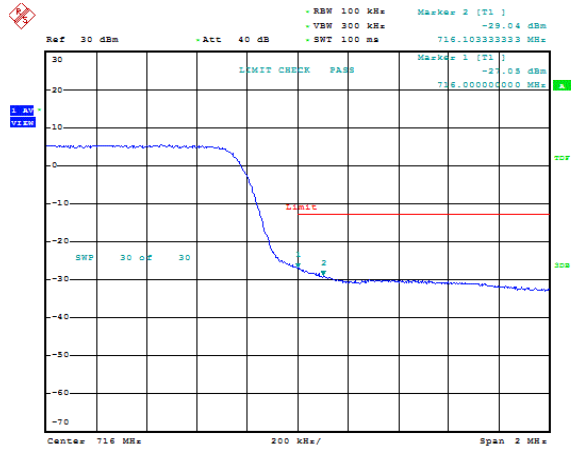
Date: 30.OCT.2020 20:10:14

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



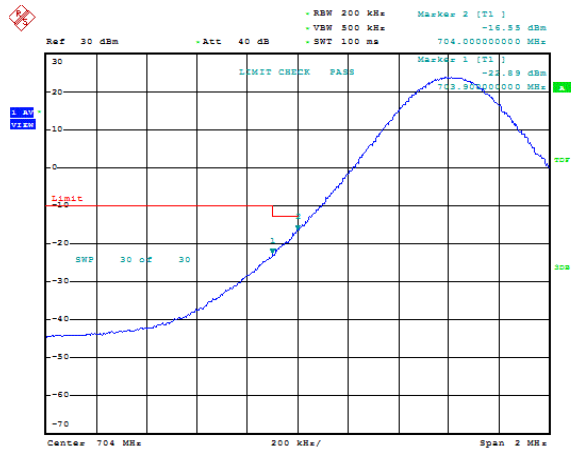
Date: 30.OCT.2020 20:10:35

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



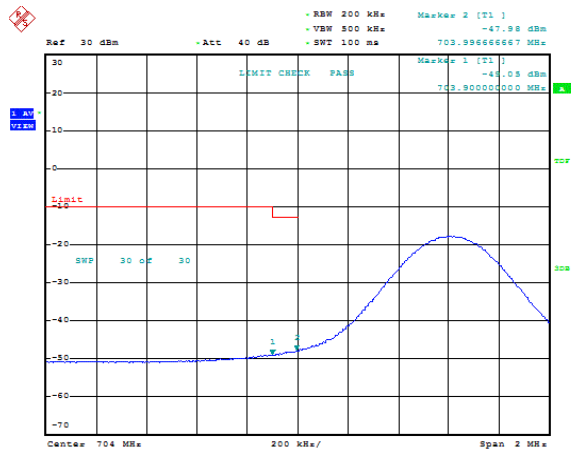
Date: 30.OCT.2020 20:10:56

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



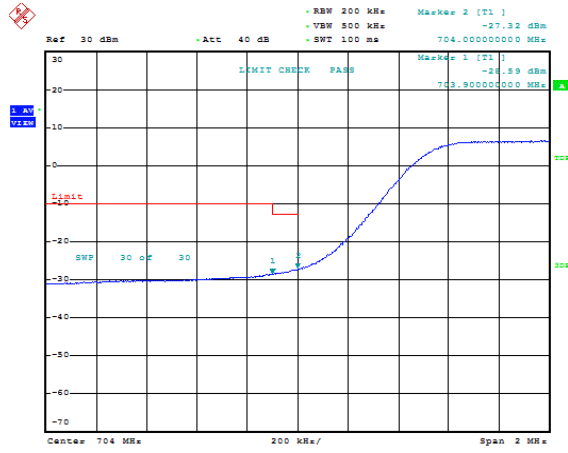
Date: 30.OCT.2020 20:26:38

Band17-10MHz-QPSK-23780-1RB#49



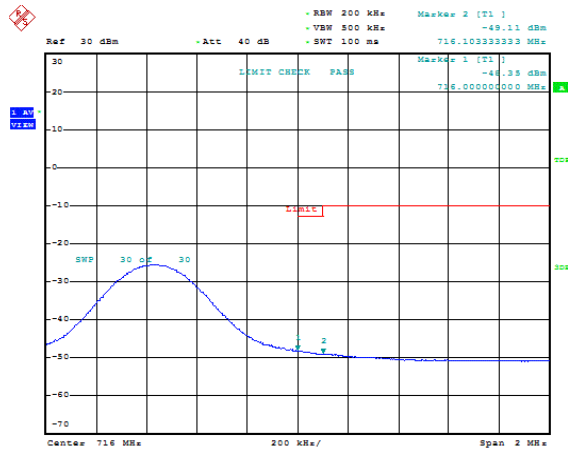
Date: 30.OCT.2020 20:26:59

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



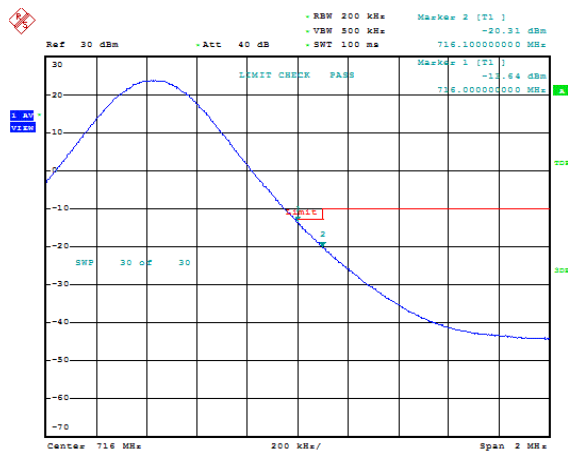
Date: 30.OCT.2020 20:27:20

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



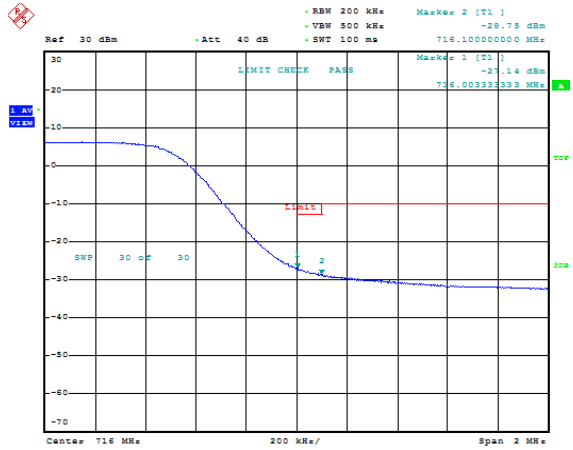
Date: 30.OCT.2020 20:27:55

Band17-10MHz-QPSK-23800-1RB#49



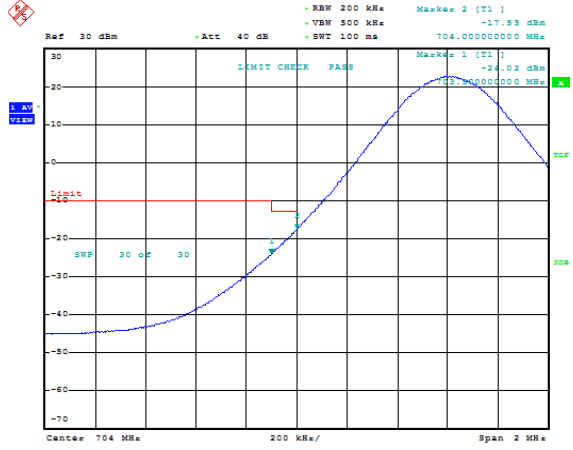
Date: 30.OCT.2020 20:28:16

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



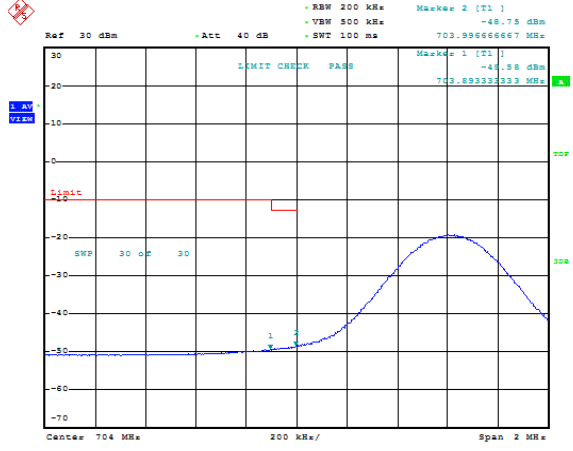
Date: 30.OCT.2020 20:28:37

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



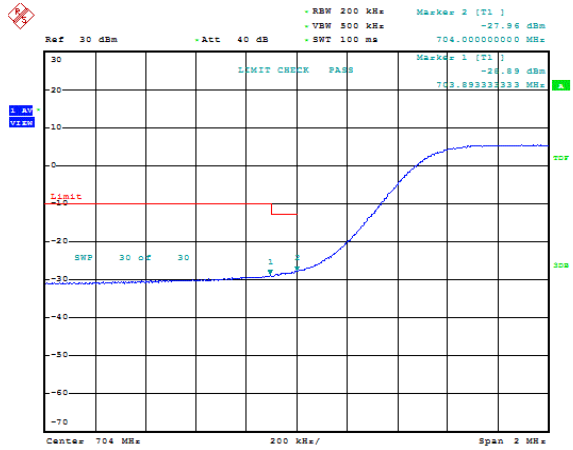
Date: 30.OCT.2020 20:26:48

Band17-10MHz-16QAM-23780-1RB#49



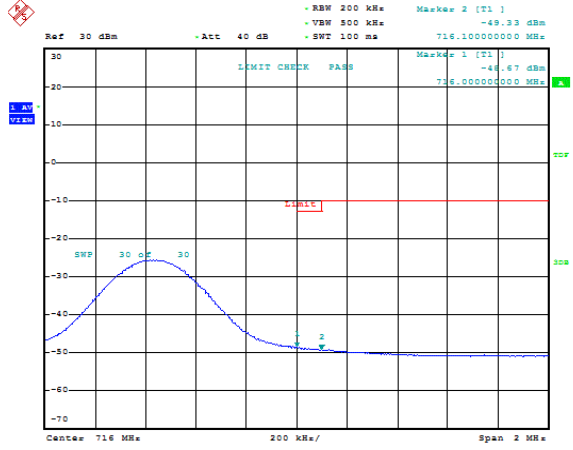
Date: 30.OCT.2020 20:27:09

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



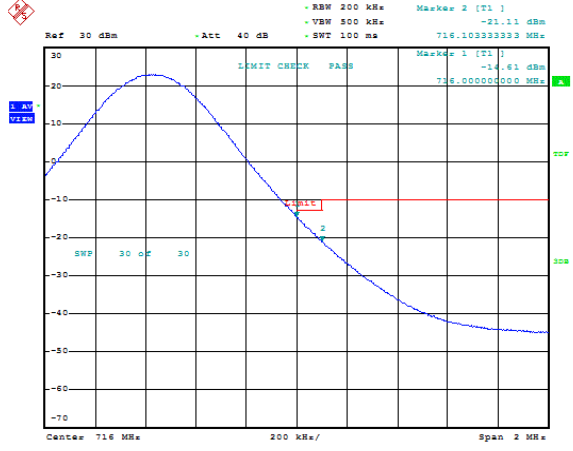
Date: 30.OCT.2020 20:27:31

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



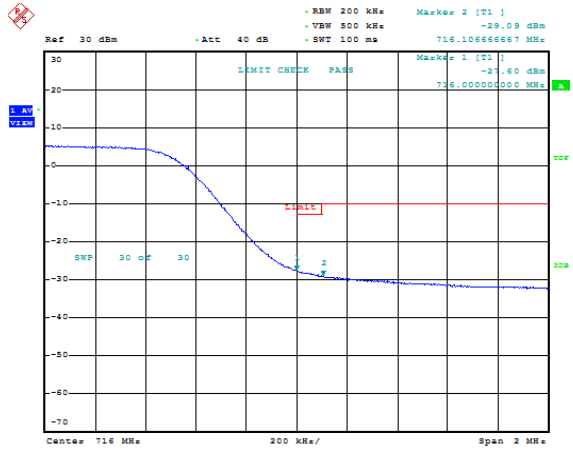
Date: 30.OCT.2020 20:28:05

Band17-10MHz-16QAM-23800-1RB#49



Date: 30.OCT.2020 20:28:26

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



Date: 30.OCT.2020 20:28:48

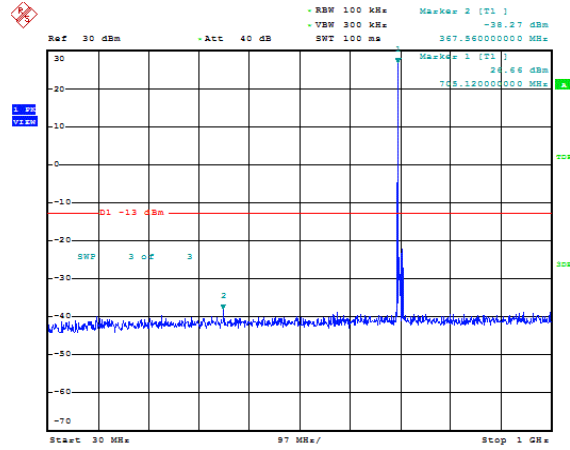
1.5. Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-38.27	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-33.68	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-38.72	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-33.58	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-38.51	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-33.99	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-38.87	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.03	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-38.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-33.97	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-38.43	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-33.98	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-38.05	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-32.73	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-38.7	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-34.32	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-38.41	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-38.73	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-34.33	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-38.18	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.14	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-38.85	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-33.27	PASS

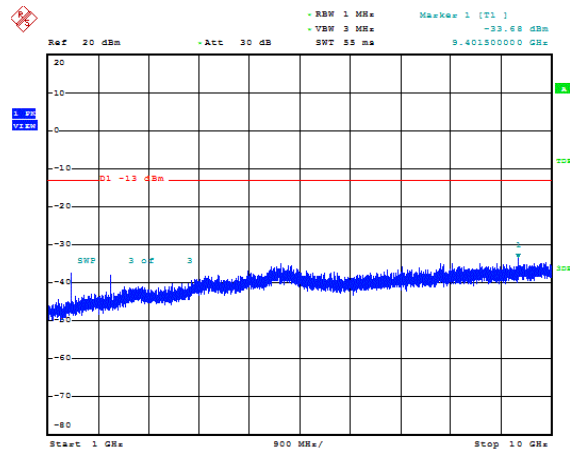
Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-Range1:30~100MHz



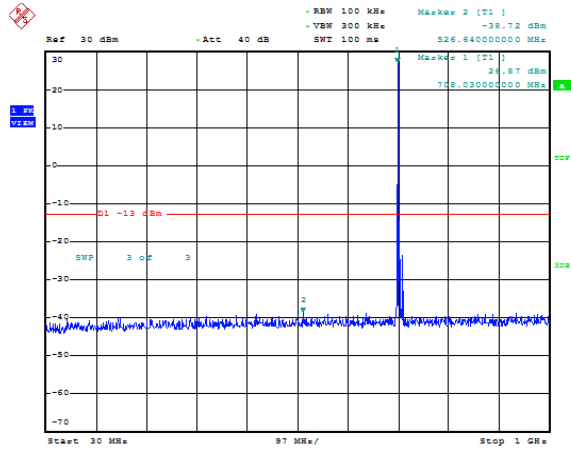
Date: 30.OCT.2020 20:11:09

Band17-5MHz-QPSK-23755-1RB#0-Range2:1000~10000MHz



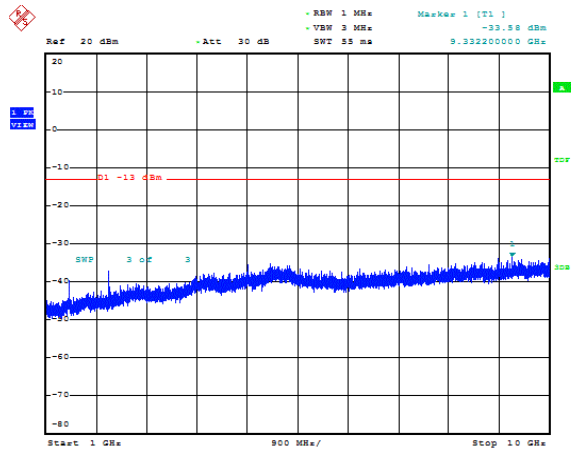
Date: 30.OCT.2020 20:11:16

Band17-5MHz-QPSK-23790-1RB#0-Range1:30~100MHz



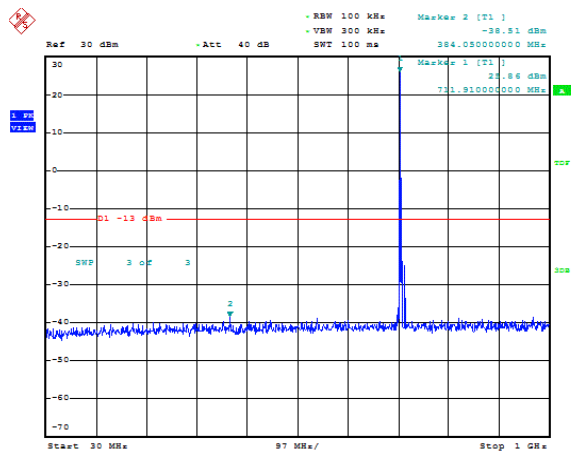
Date: 30.OCT.2020 20:11:46

Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



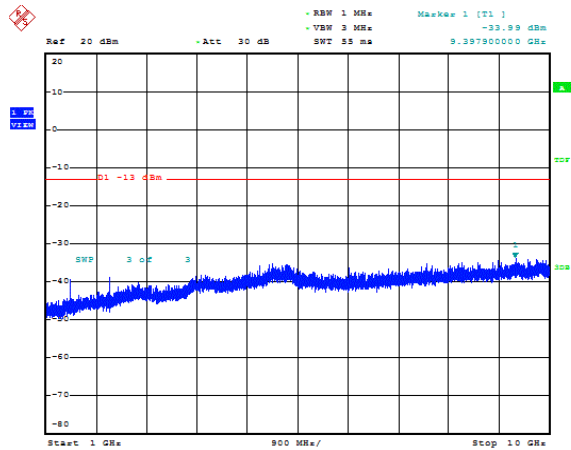
Date: 30.OCT.2020 20:11:54

Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



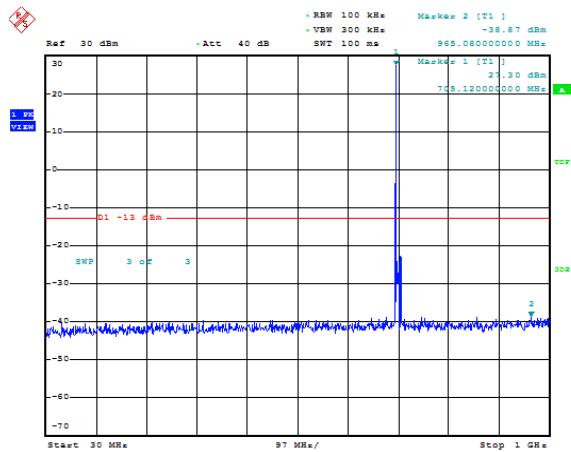
Date: 30.OCT.2020 20:12:29

Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz



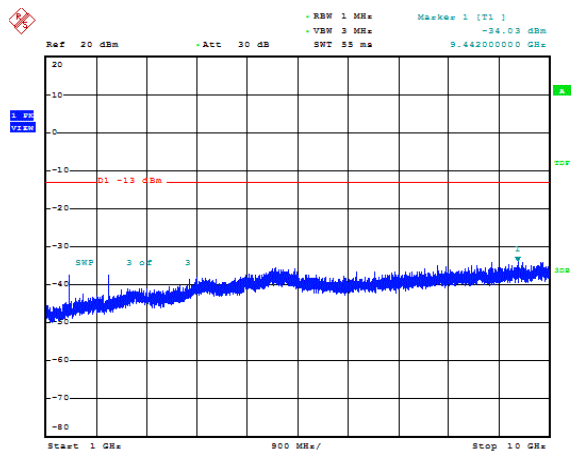
Date: 30.OCT.2020 20:12:31

Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



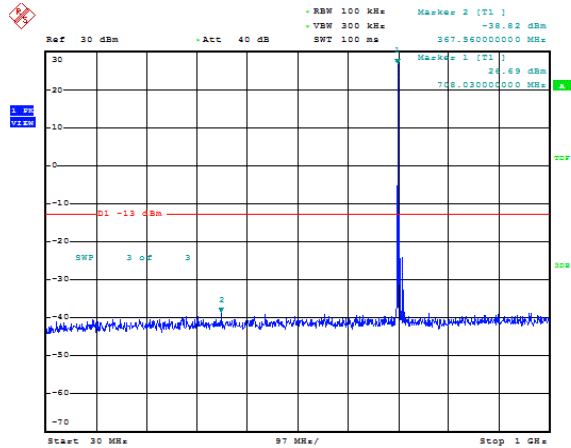
Date: 30.OCT.2020 20:11:26

Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



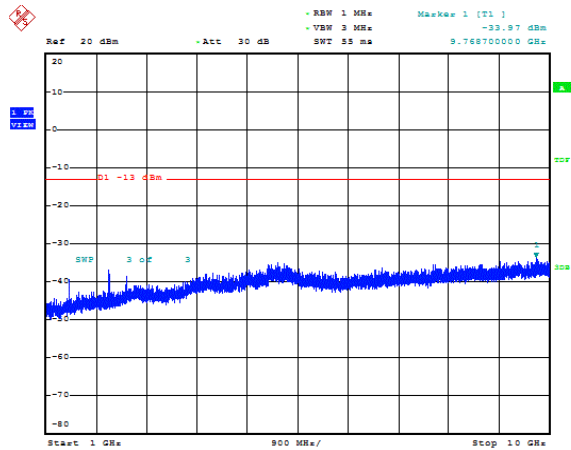
Date: 30.OCT.2020 20:11:24

Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



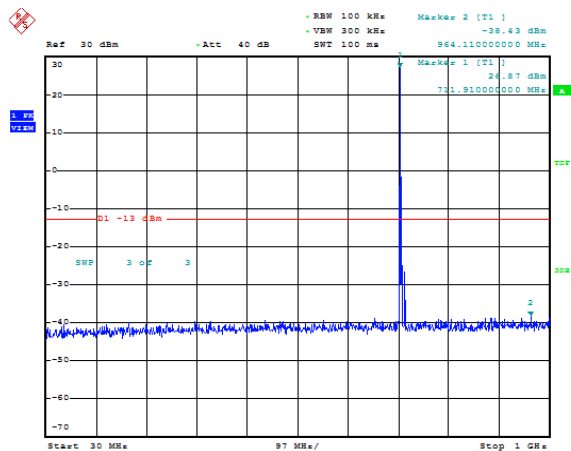
Date: 30.OCT.2020 20:12:08

Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



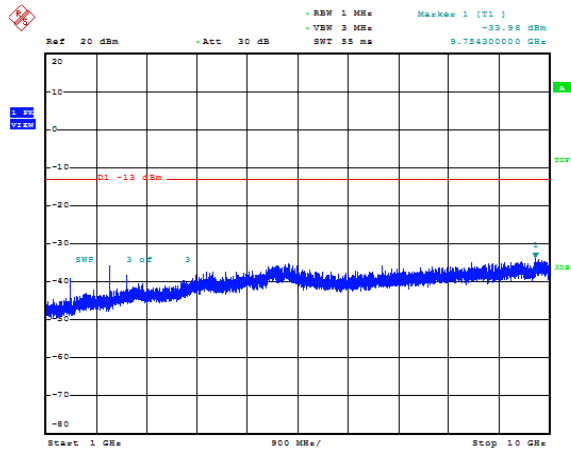
Date: 30.OCT.2020 20:12:11

Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



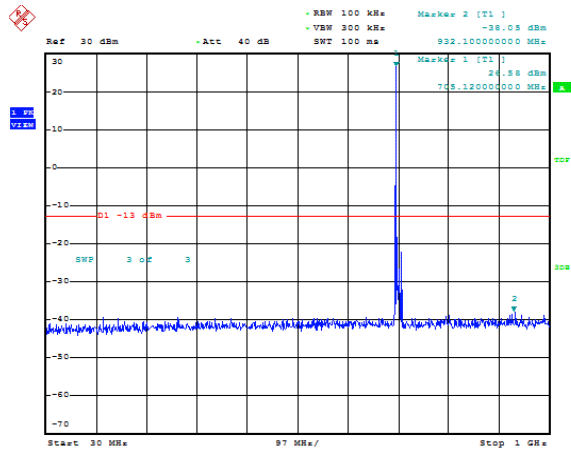
Date: 30.OCT.2020 20:12:40

Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



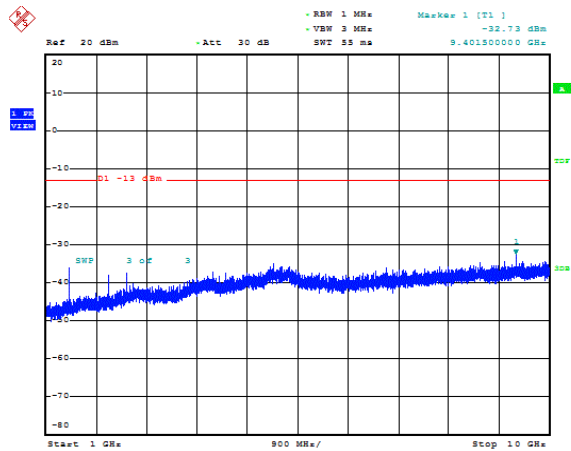
Date: 30.OCT.2020 20:12:48

Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



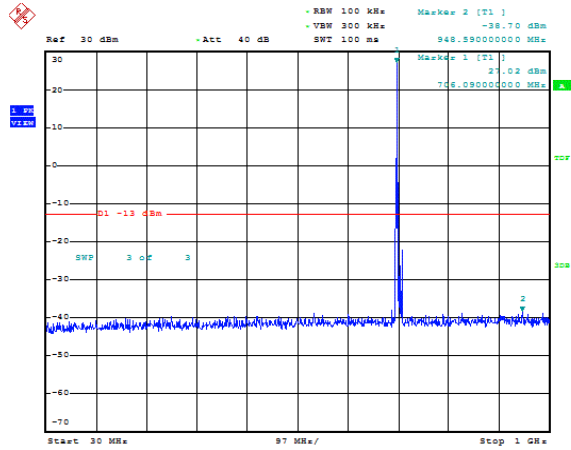
Date: 30.OCT.2020 20:29:00

Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



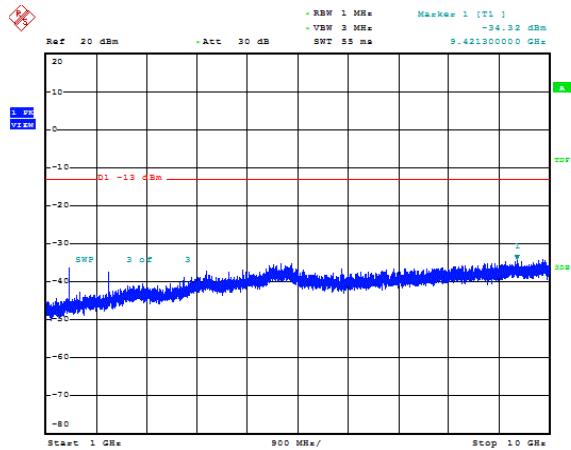
Date: 30.OCT.2020 20:29:08

Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



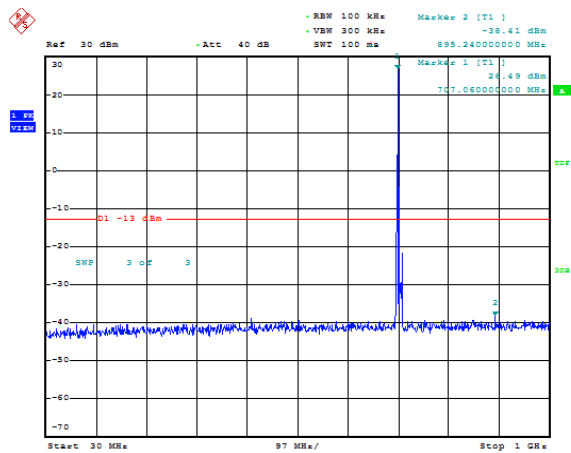
Date: 30.OCT.2020 20:29:37

Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



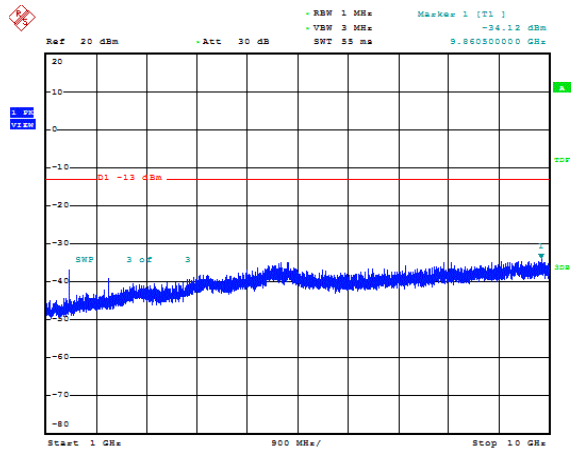
Date: 30.OCT.2020 20:29:45

Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



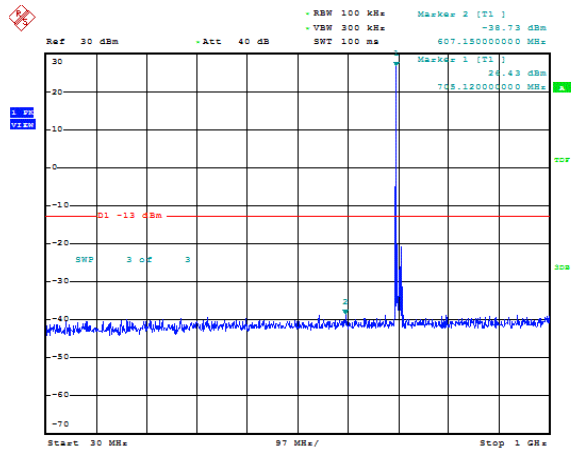
Date: 30.OCT.2020 20:30:14

Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



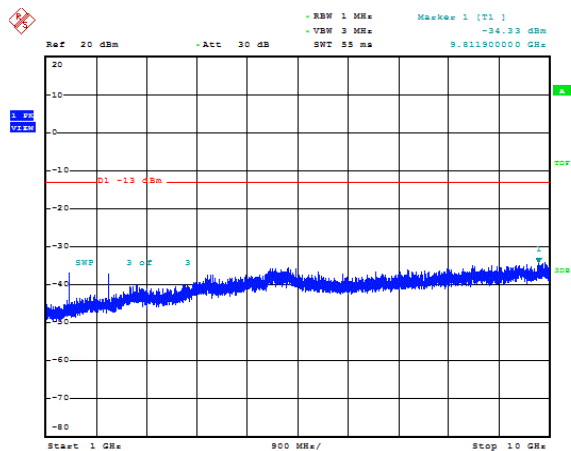
Date: 30.OCT.2020 20:30:22

Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



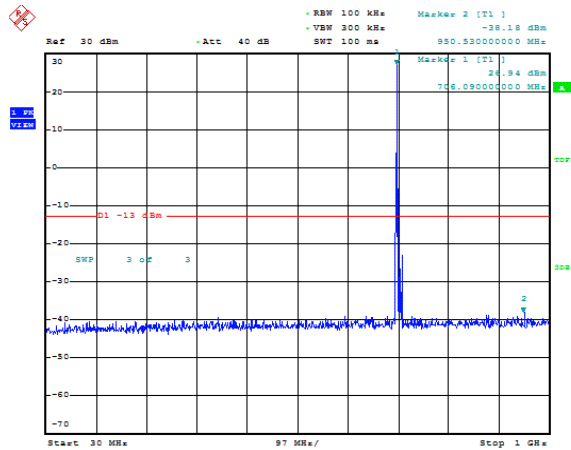
Date: 30.OCT.2020 20:29:17

Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



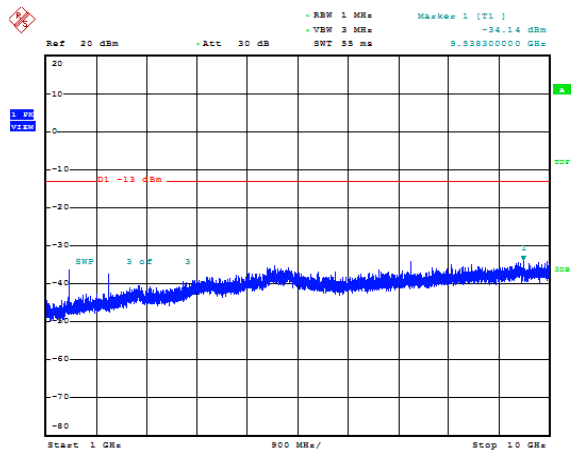
Date: 30.OCT.2020 20:29:25

Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



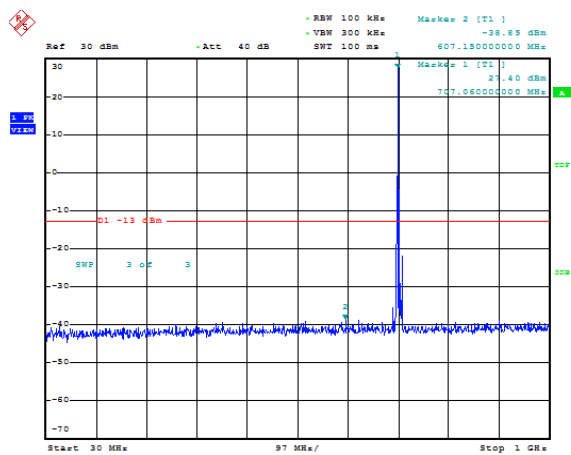
Date: 30.OCT.2020 20:29:54

Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



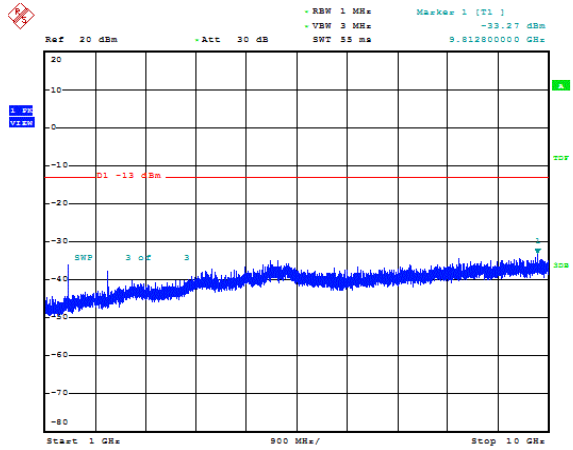
Date: 30.OCT.2020 20:30:02

Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Date: 30.OCT.2020 20:30:32

Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



Date: 30.OCT.2020 20:30:40

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-3.49	-0.004940	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-3.42	-0.004841	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-3.95	-0.005591	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-2.37	-0.003338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-2.22	-0.003127	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-1.83	-0.002577	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-2.19	-0.003069	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	2.47	0.003462	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-1.75	-0.002453	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-1.42	-0.002010	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-4.46	-0.006313	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-3.88	-0.005492	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	1.67	0.002352	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	1.37	0.001930	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	2.43	0.003423	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-2.92	-0.004093	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-1.80	-0.002523	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-2.12	-0.002971	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-3.10	-0.004372	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-3.10	-0.004372	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-3.39	-0.004781	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-1.22	-0.001718	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	1.89	0.002662	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-1.89	-0.002662	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-3.02	-0.004248	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-1.20	-0.001688	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-2.12	-0.002982	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	1.60	0.002257	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.52	-0.002144	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-1.97	-0.002779	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-1.87	-0.002634	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-2.85	-0.004014	±2.5	PASS

Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-3.59	-0.005056	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-4.31	-0.006062	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.96	-0.004163	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-1.14	-0.001614	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-3.53	-0.004996	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-1.69	-0.002392	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-3.39	-0.004798	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-2.26	-0.003199	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-2.60	-0.003680	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-3.33	-0.004713	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-1.85	-0.002606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-3.95	-0.005563	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-3.19	-0.004493	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	2.12	0.002986	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-2.20	-0.003099	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	1.26	0.001775	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	0.93	0.001310	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-3.33	-0.004667	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-1.95	-0.002733	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-2.40	-0.003364	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-3.58	-0.005018	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-2.57	-0.003602	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-2.06	-0.002887	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	1.20	0.001682	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-3.03	-0.004289	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-3.65	-0.005166	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-3.00	-0.004246	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-2.29	-0.003241	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-3.92	-0.005548	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-4.36	-0.006171	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-4.38	-0.006200	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	1.83	0.002577	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	1.50	0.002113	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	3.05	0.004296	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	20	-1.70	-0.002394	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-1.39	-0.001958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	3.68	0.005183	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	1.26	0.001775	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-2.68	-0.003756	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-2.36	-0.003308	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-2.68	-0.003756	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-2.09	-0.002929	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-2.37	-0.003322	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-2.62	-0.003672	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-2.49	-0.003490	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-3.39	-0.004781	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-2.59	-0.003653	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-2.40	-0.003385	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-2.95	-0.004161	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-1.47	-0.002073	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-1.70	-0.002398	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-2.88	-0.004062	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	1.19	0.001676	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-2.02	-0.002845	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-3.06	-0.004310	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-2.16	-0.003042	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-2.65	-0.003732	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-2.05	-0.002887	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-2.45	-0.003451	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-2.02	-0.002841	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.85	-0.004008	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-3.36	-0.004726	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-4.03	-0.005668	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-2.66	-0.003741	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-4.16	-0.005851	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.33	-0.003286	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-3.16	-0.004457	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-2.29	-0.003230	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.73	-0.002440	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-1.60	-0.002257	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-2.42	-0.003413	±2.5	PASS

Band17	10MHz	16QAM	23780	50RB#0	NV	50	1.46	0.002059	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-1.72	-0.002423	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-2.36	-0.003324	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	1.66	0.002338	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-1.47	-0.002070	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-3.55	-0.005000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.28	-0.004620	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-3.65	-0.005141	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-4.12	-0.005795	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.69	-0.003783	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-1.95	-0.002743	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-2.88	-0.004051	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-2.09	-0.002940	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-2.95	-0.004149	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-4.82	-0.006779	±2.5	PASS

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