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Vice RF module appendix for LTE Band 13

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LIMITED**

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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 13				Actual output Power (dBm)			
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	Low	22.44	22.72	22.06	
			Middle	22.35	22.68	21.88	
			High	22.39	22.63	21.96	
		12	Low	21.07	21.26	20.47	
			Middle	21.05	21.31	20.41	
			High	21.02	21.18	20.38	
		25	/	20.99	20.91	19.92	
		16QAM	1	Low	22.17	22.37	21.69
				Middle	22.14	22.31	21.48
	High			22.08	22.30	21.60	
	12		Low	20.44	20.62	19.96	
			Middle	20.41	20.56	19.77	
			High	20.35	20.55	19.88	
	25	/	20.13	20.35	19.61		
	10	QPSK	1	Low	/	22.79	/
Middle				/	22.76	/	
High				/	22.71	/	
25			Low	/	21.33	/	
			Middle	/	21.38	/	
			High	/	21.25	/	
50			/	/	20.98	/	
16QAM			1	Low	/	22.18	/
				Middle	/	22.12	/
		High		/	22.11	/	
		25	Low	/	20.44	/	
			Middle	/	20.38	/	
			High	/	20.37	/	
		50	/	/	20.18	/	

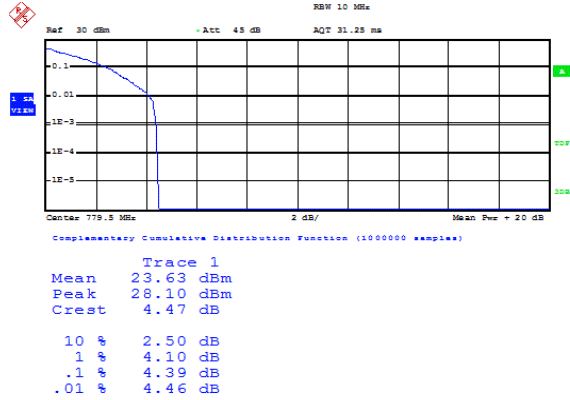
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.39	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.16	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.52	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.19	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.49	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.26	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.38	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.06	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.06	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.32	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.06	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.46	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.06	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.35	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.15	13	PASS

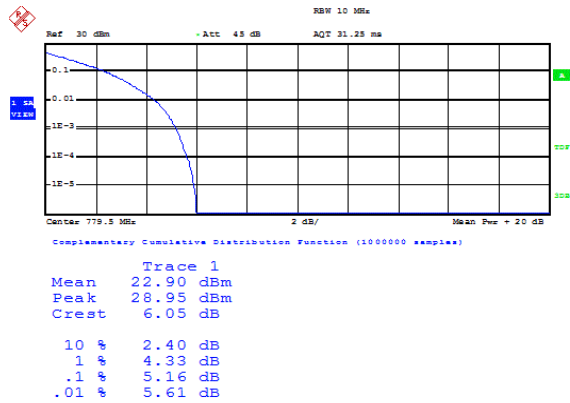
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



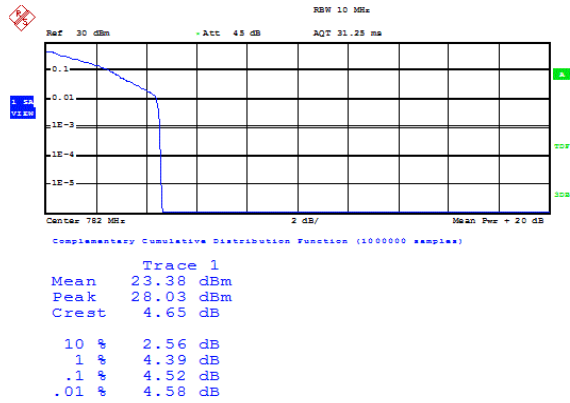
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Band13-5MHz-QPSK-23205-25RB#0



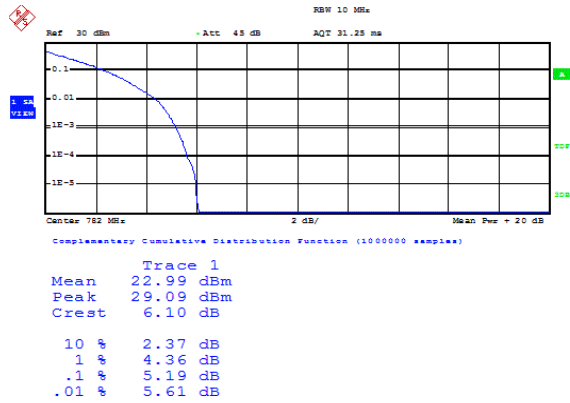
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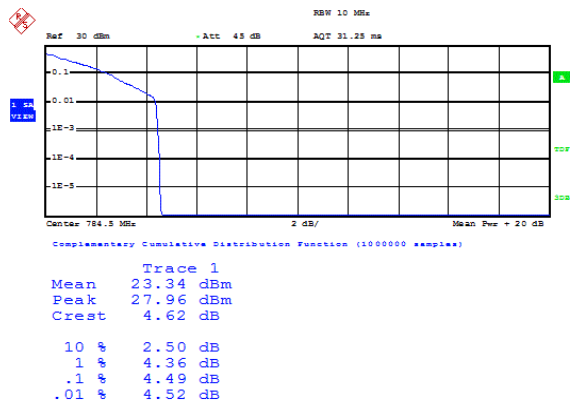
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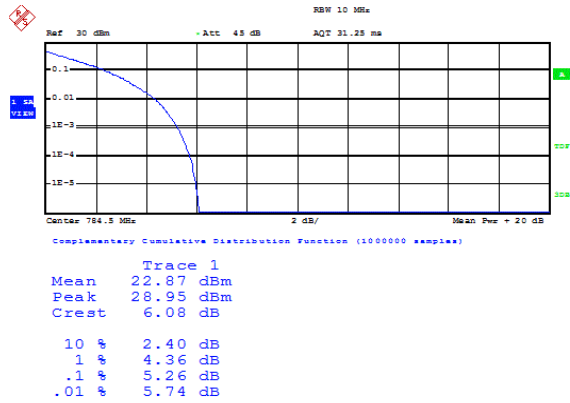
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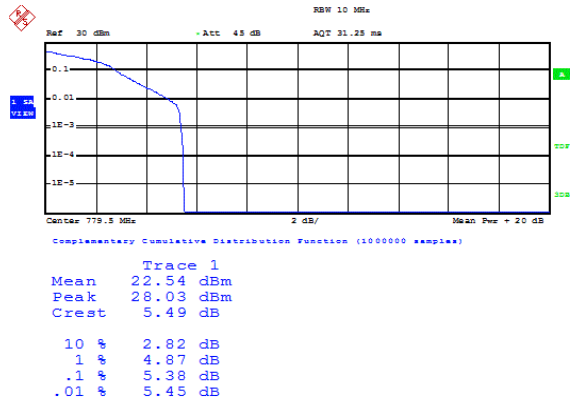
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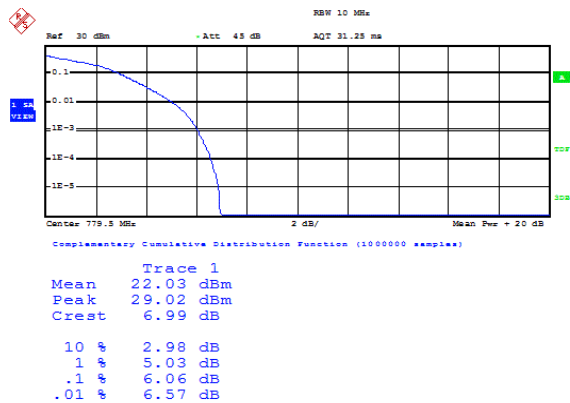
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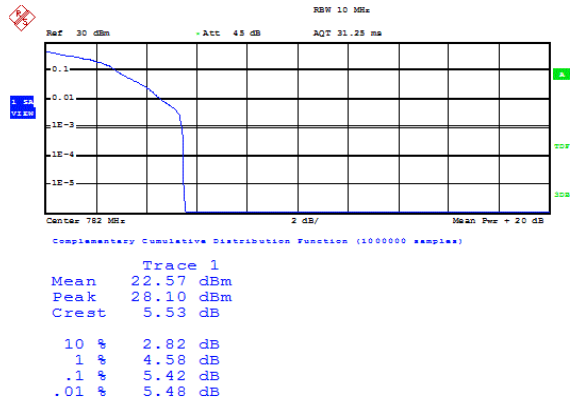
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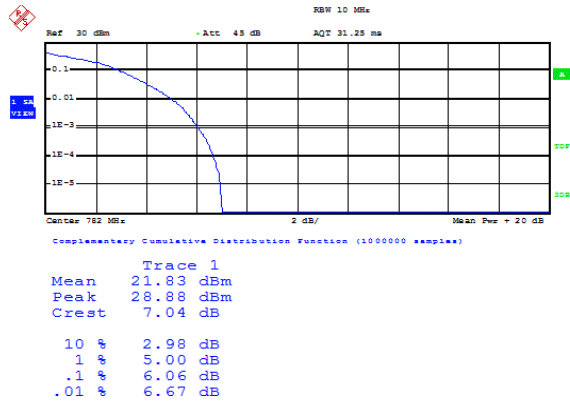
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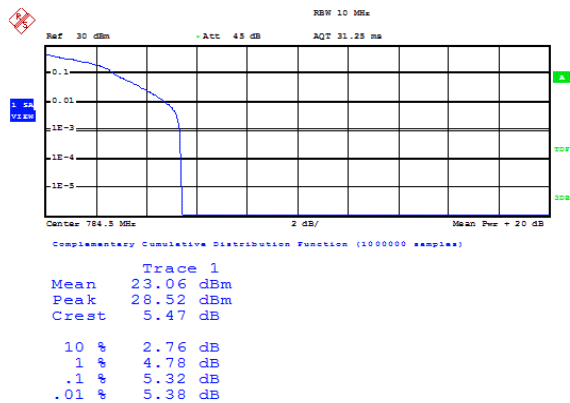
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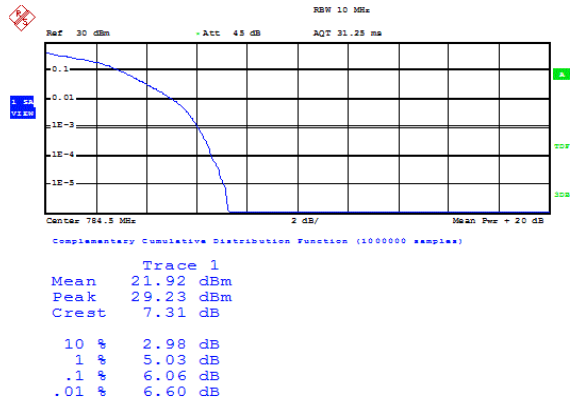
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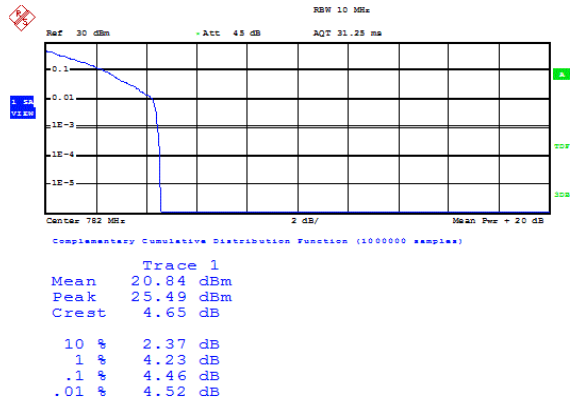
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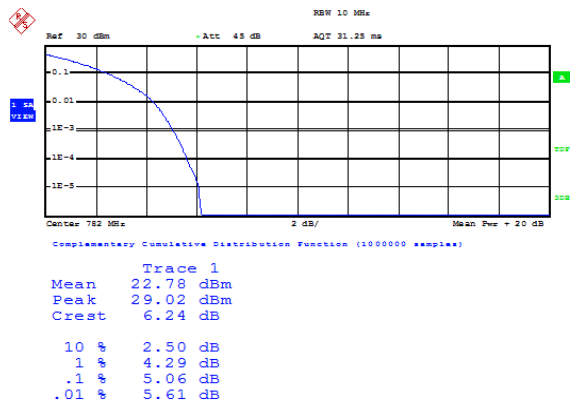
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Band13-10MHz-QPSK-23230-1RB#0



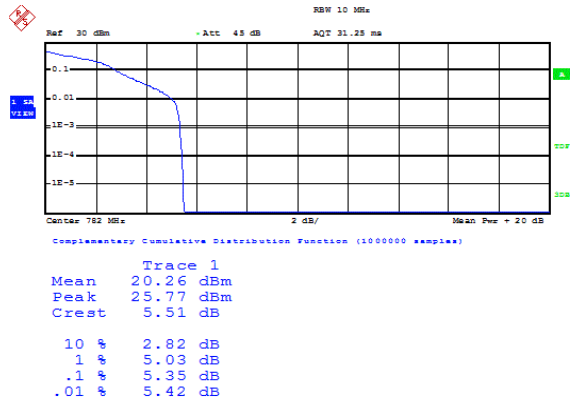
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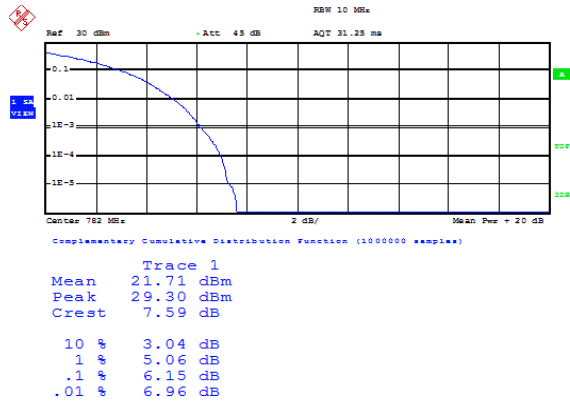
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Band13-10MHz-16QAM-23230-50RB#0



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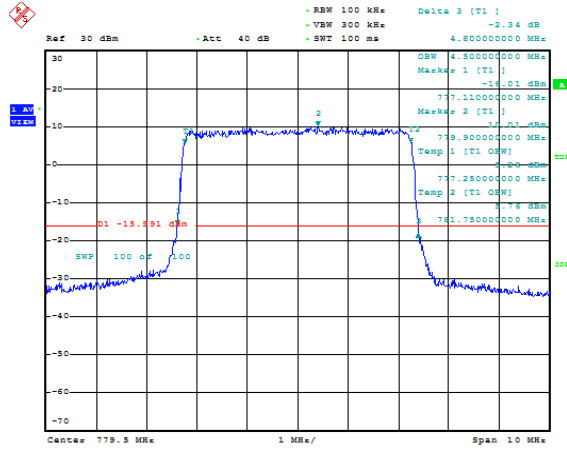
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5	4.800	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5	4.780	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5	4.780	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.51	4.770	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.51	4.810	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.51	4.780	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.967	9.633	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.967	9.667	PASS

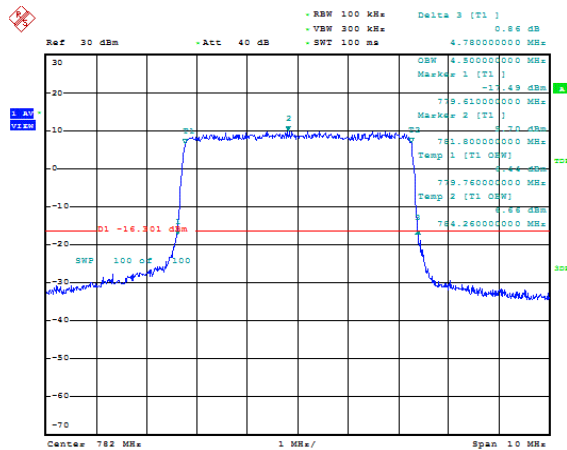
Test Graphs

Band13-5MHz-QPSK-23205-25RB#0-4.5



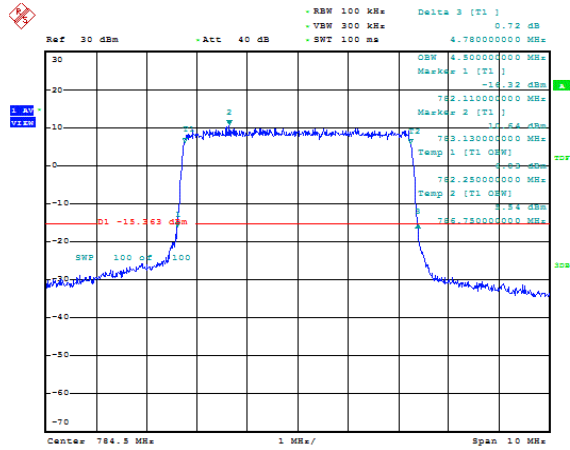
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Band13-5MHz-QPSK-23230-25RB#0-4.5



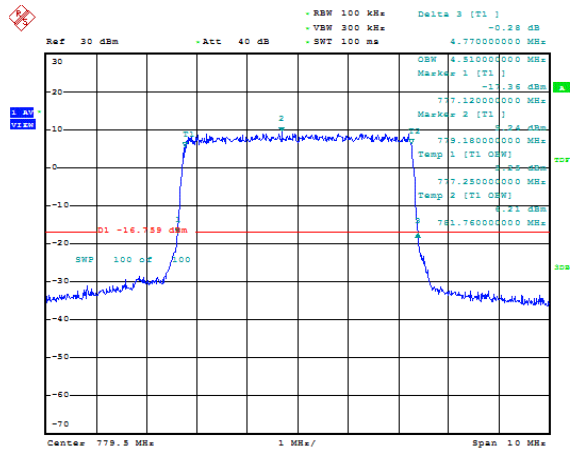
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Band13-5MHz-QPSK-23255-25RB#0-4.5



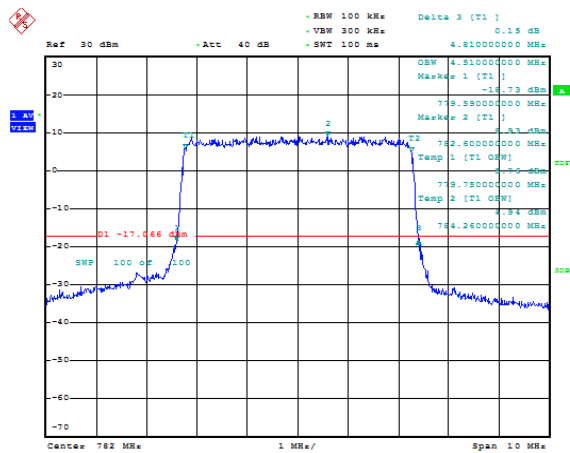
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Band13-5MHz-16QAM-23205-25RB#0-4.51



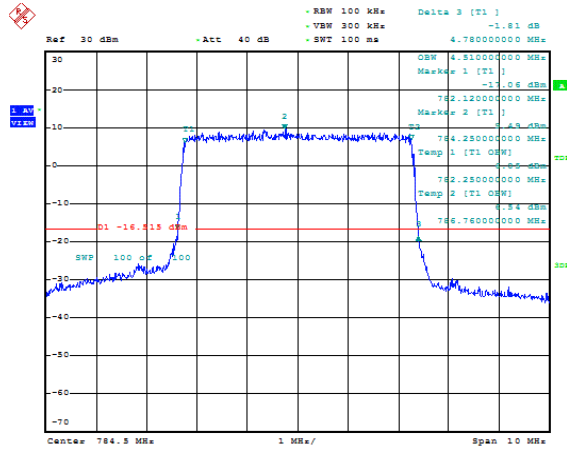
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Band13-5MHz-16QAM-23230-25RB#0-4.51



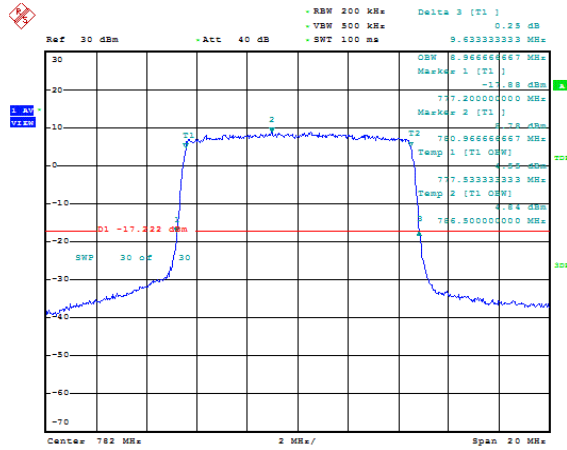
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Band13-5MHz-16QAM-23255-25RB#0-4.51



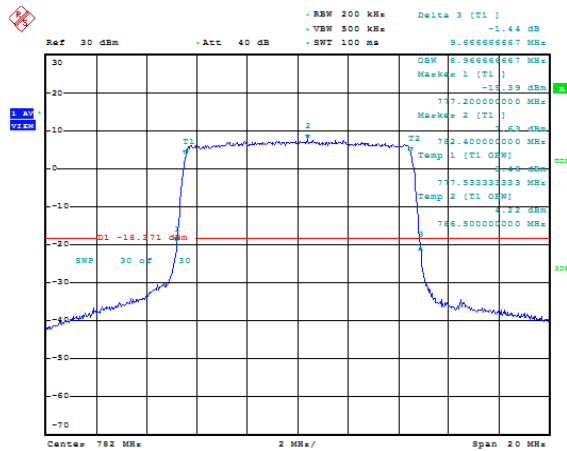
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Band13-10MHz-QPSK-23230-50RB#0-8.967



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Band13-10MHz-16QAM-23230-50RB#0-8.967



Date: 28.OCT.2020 21:25:33

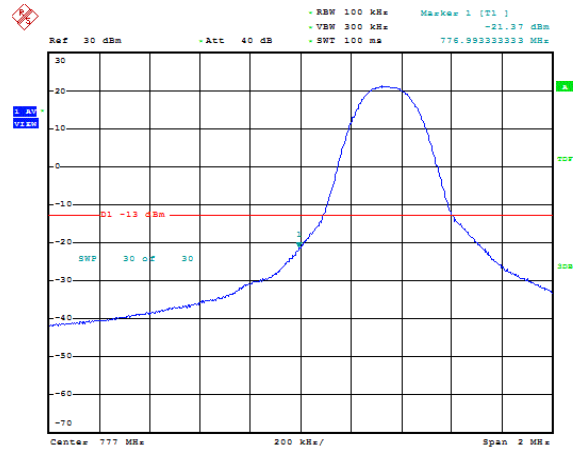
1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-21.37	PASS
Band13	5MHz	QPSK	23205	1RB#24	-49.35	PASS
Band13	5MHz	QPSK	23205	25RB#0	-27.44	PASS
Band13	5MHz	QPSK	23255	1RB#0	-49.51	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.32	PASS
Band13	5MHz	QPSK	23255	25RB#0	-27.88	PASS
Band13	5MHz	16QAM	23205	1RB#0	-21.92	PASS
Band13	5MHz	16QAM	23205	1RB#24	-49.61	PASS
Band13	5MHz	16QAM	23205	25RB#0	-28.84	PASS
Band13	5MHz	16QAM	23255	1RB#0	-49.62	PASS
Band13	5MHz	16QAM	23255	1RB#24	-20.24	PASS
Band13	5MHz	16QAM	23255	25RB#0	-29.34	PASS

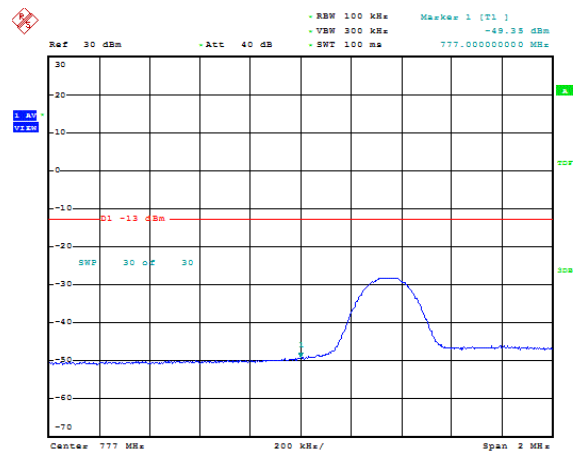
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



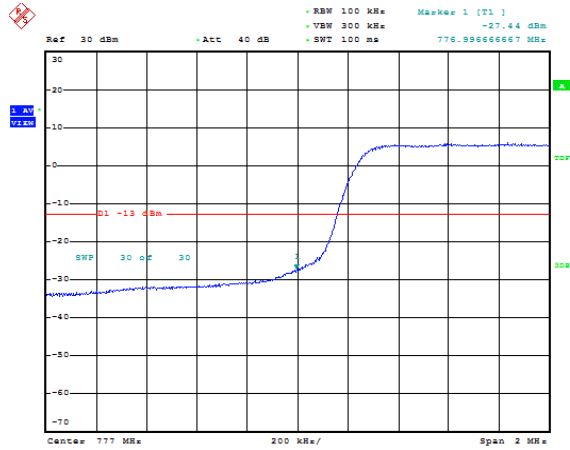
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Band13-5MHz-QPSK-23205-1RB#24



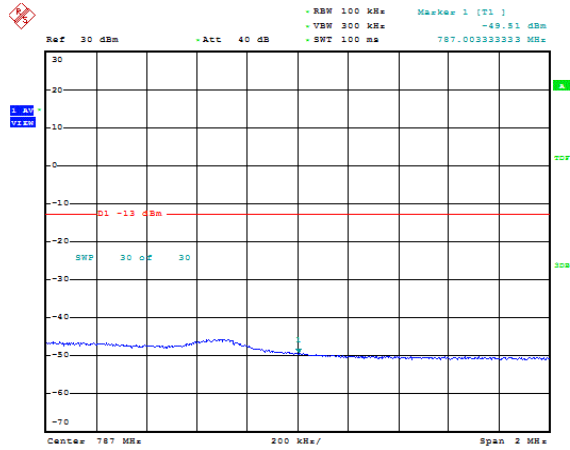
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Band13-5MHz-QPSK-23205-25RB#0



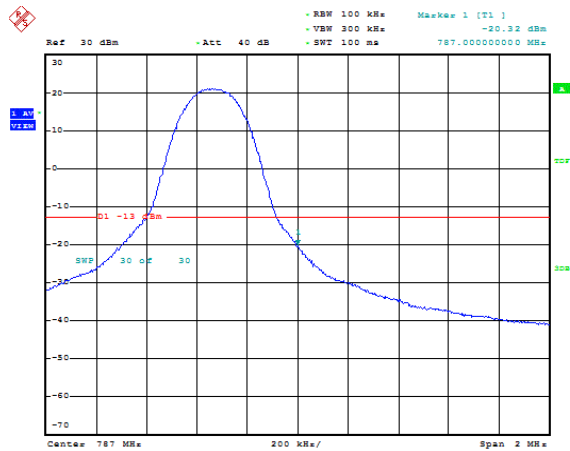
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Band13-5MHz-QPSK-23255-1RB#0



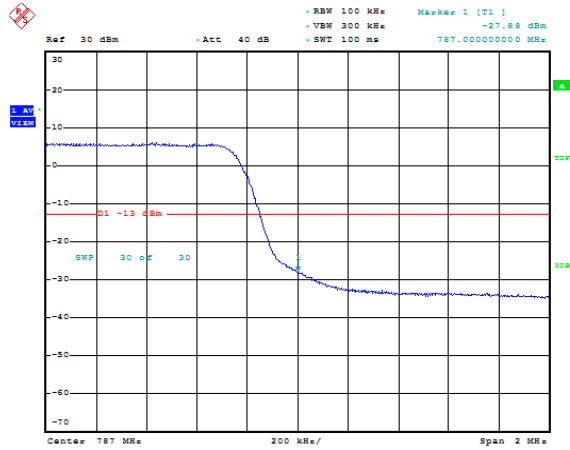
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Band13-5MHz-QPSK-23255-1RB#24



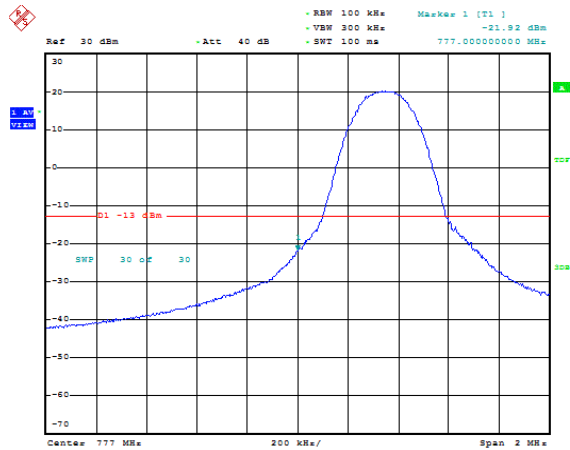
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Band13-5MHz-QPSK-23255-25RB#0



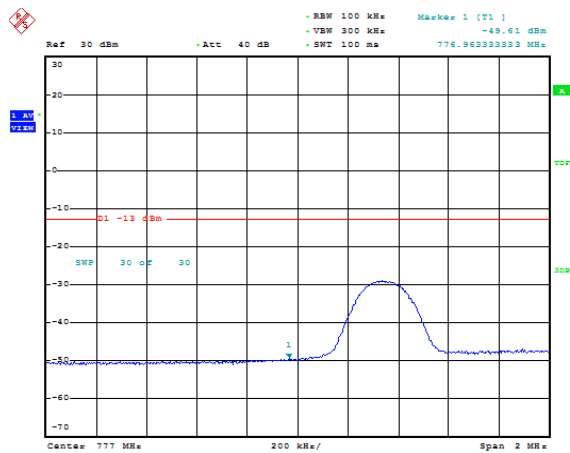
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Band13-5MHz-16QAM-23205-1RB#0



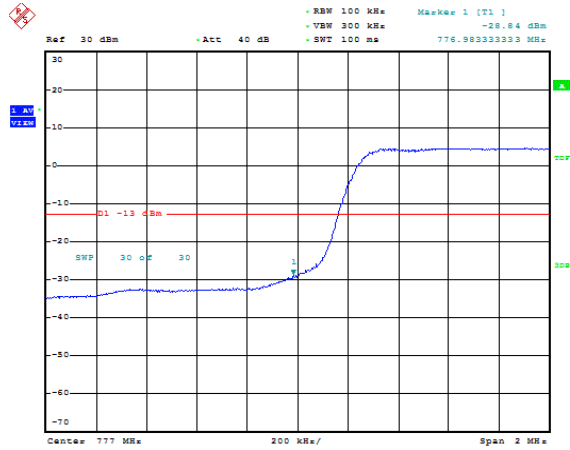
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Band13-5MHz-16QAM-23205-1RB#24



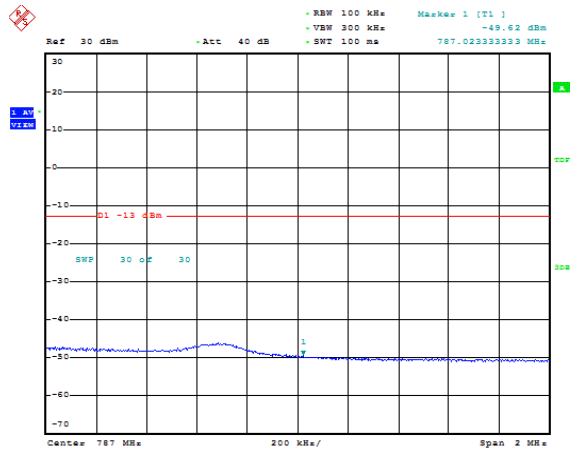
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Band13-5MHz-16QAM-23205-25RB#0



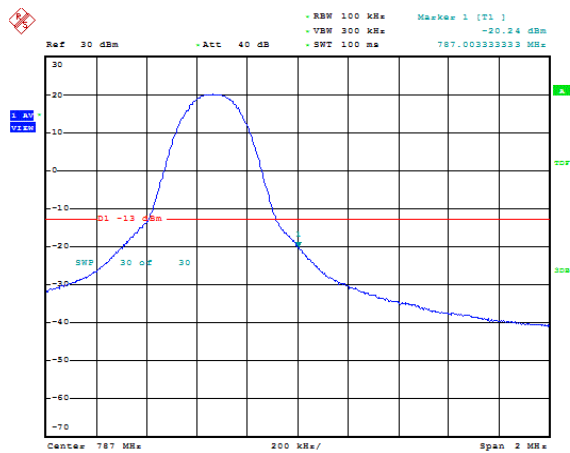
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Band13-5MHz-16QAM-23255-1RB#0



Date: 28.OCT.2020 21:05:05

Band13-5MHz-16QAM-23255-1RB#24



Date: 28.OCT.2020 21:05:24

Band13-5MHz-16QAM-23255-25RB#0

1.5. Appendix E: Conducted Spurious Emission

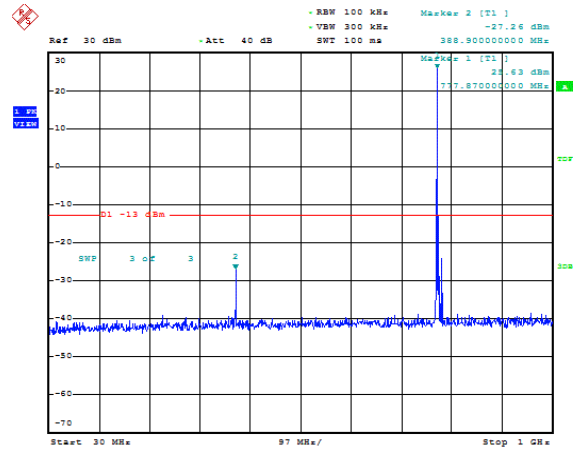
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-27.26	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-50.61	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-72.01	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-33.12	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-52.54	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range1:1559~1610MHz	-52.38	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-26.03	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-59.81	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-72.02	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.09	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:1559~1610MHz	-52.01	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-36.99	FAIL
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-25.71	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-54.34	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-71.94	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:1559~1610MHz	-52.46	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-37.8	FAIL
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-27.42	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-52.17	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-72.3	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-33.71	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-52.18	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:1559~1610MHz	-52.5	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-26.23	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-61.24	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-72.31	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.31	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:1559~1610MHz	-52.58	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-37	FAIL
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-26.5	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-55.89	PASS

Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-71.46	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.03	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-37.99	FAIL
Band13	5MHz	16QAM	23255	1RB#0	Range1:1559~1610MHz	-52.47	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-26.55	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-51.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-50.61	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-52.06	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:1559~1610MHz	-52.95	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-26.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-54.01	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-50.19	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-33.69	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:1559~1610MHz	-52.59	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-51.01	PASS

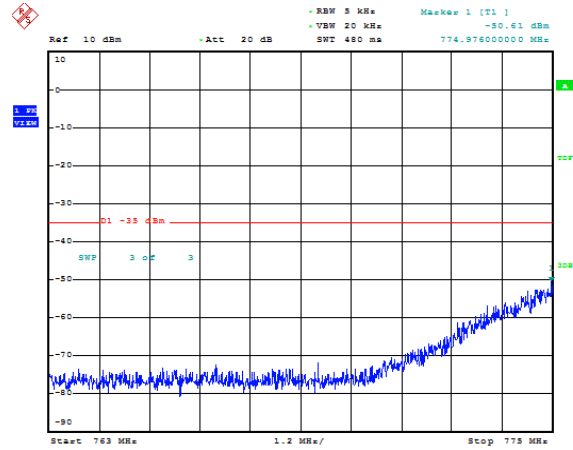
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



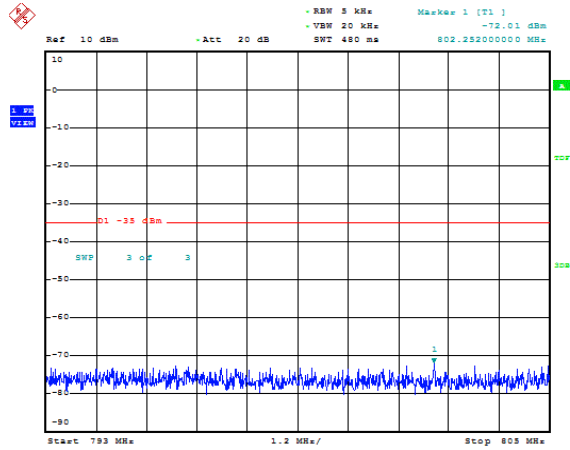
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Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



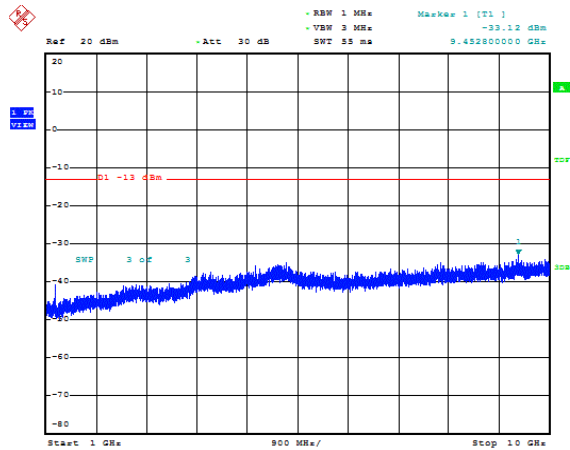
Date: 28.OCT.2020 21:10:32

Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



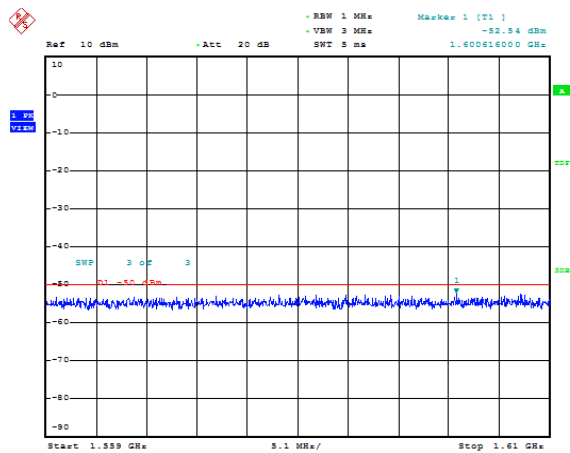
Date: 28.OCT.2020 21:10:28

Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



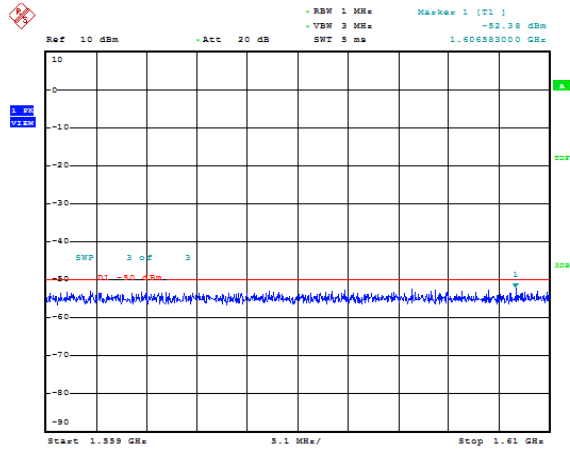
Date: 28.OCT.2020 21:10:27

Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



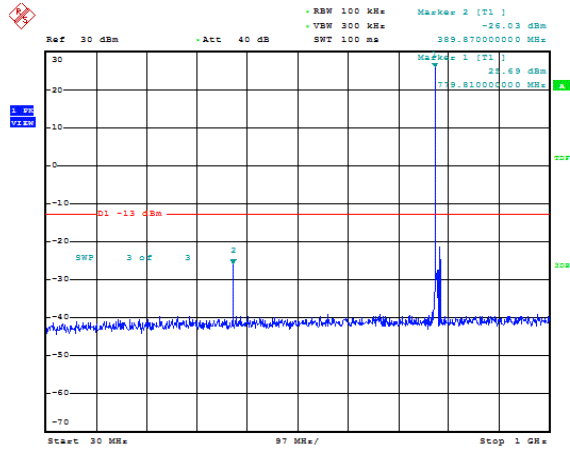
Date: 28.OCT.2020 21:10:43

Band13-5MHz-QPSK-23205-1RB#0-Range1:1559~1610MHz



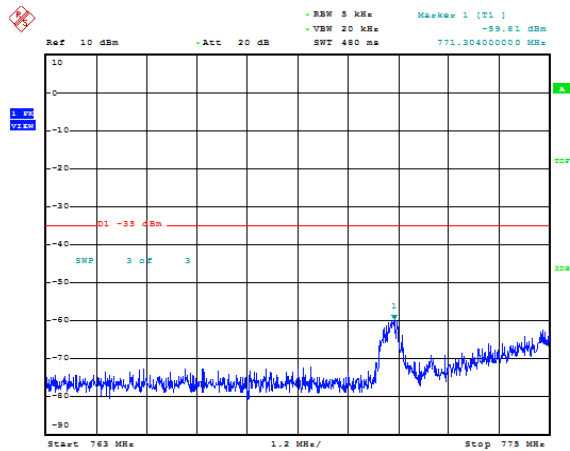
Date: 28.OCT.2020 21:30:29

Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



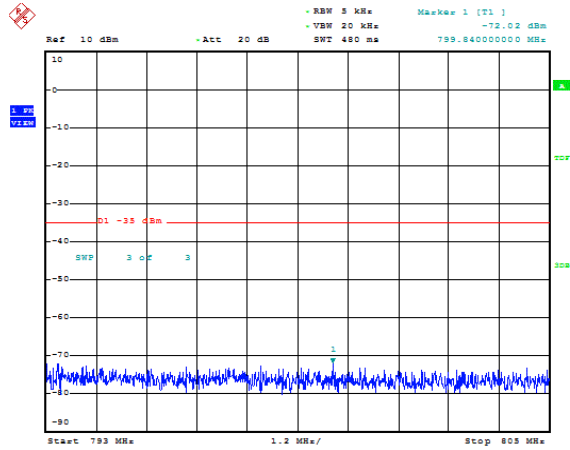
Date: 28.OCT.2020 21:11:29

Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



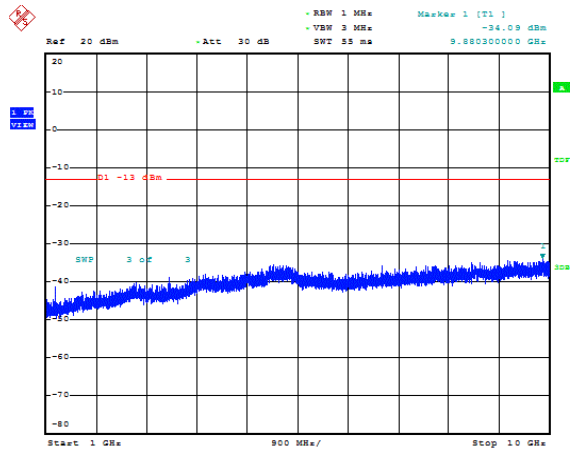
Date: 28.OCT.2020 21:11:43

Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



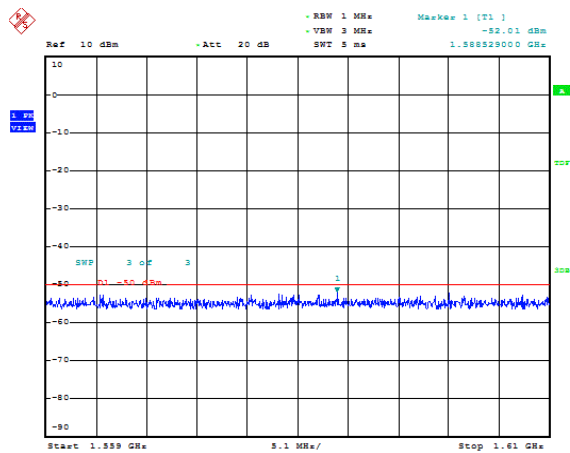
Date: 28.OCT.2020 21:11:48

Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



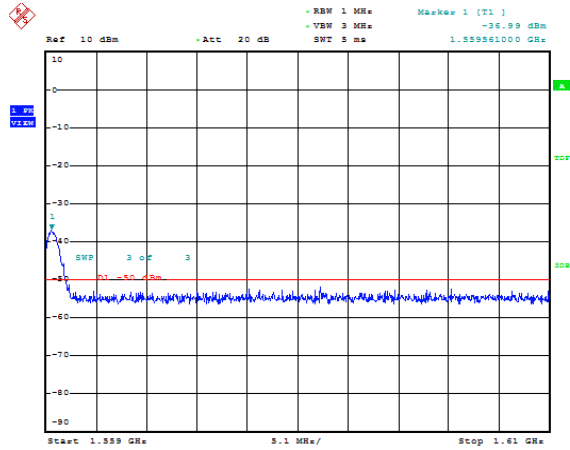
Date: 28.OCT.2020 21:11:37

Band13-5MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



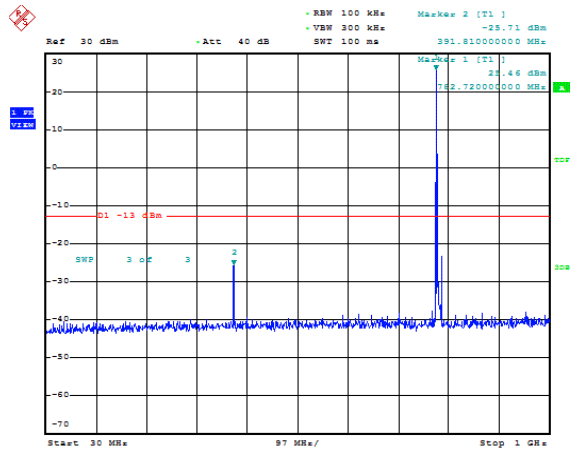
Date: 28.OCT.2020 21:30:45

Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



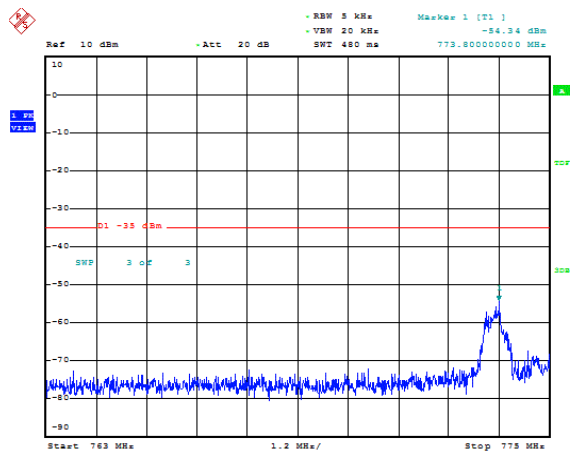
Date: 28.OCT.2020 21:11:54

Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



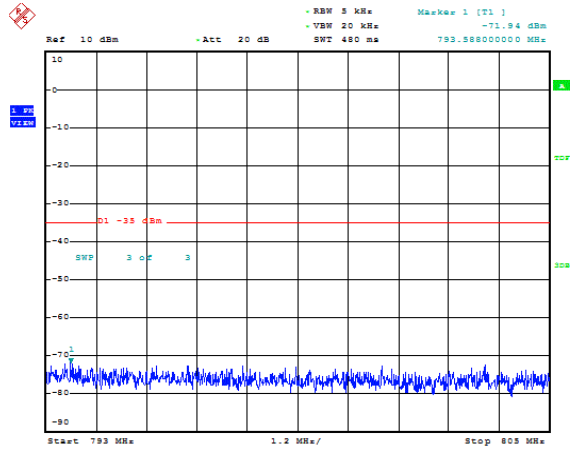
Date: 28.OCT.2020 21:12:39

Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



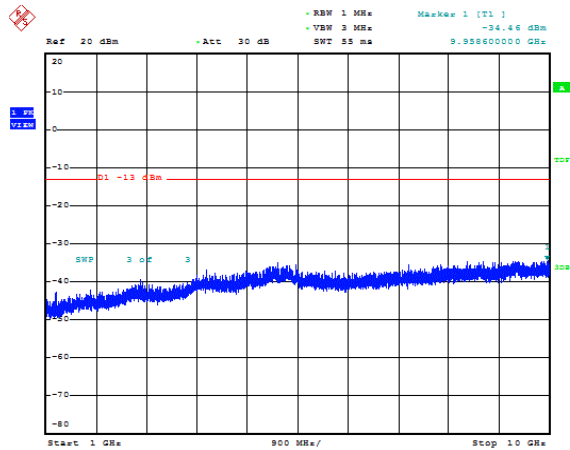
Date: 28.OCT.2020 21:12:53

Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



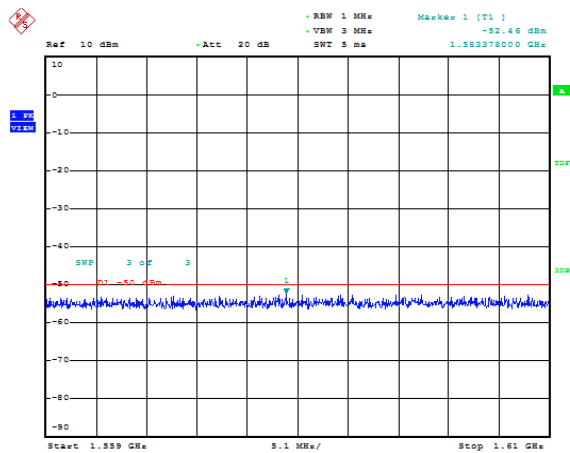
Date: 28.OCT.2020 21:12:59

Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



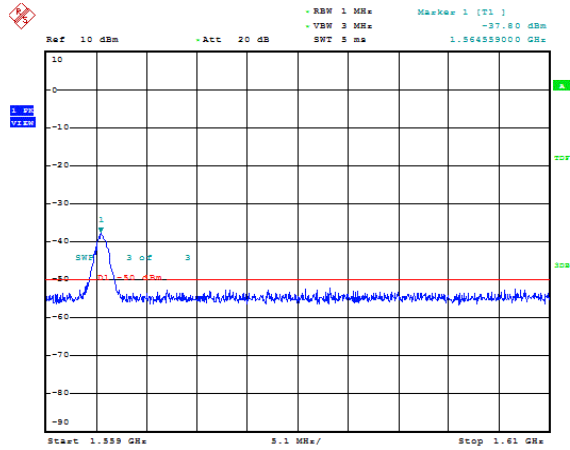
Date: 28.OCT.2020 21:12:47

Band13-5MHz-QPSK-23255-1RB#0-Range1:1559~1610MHz



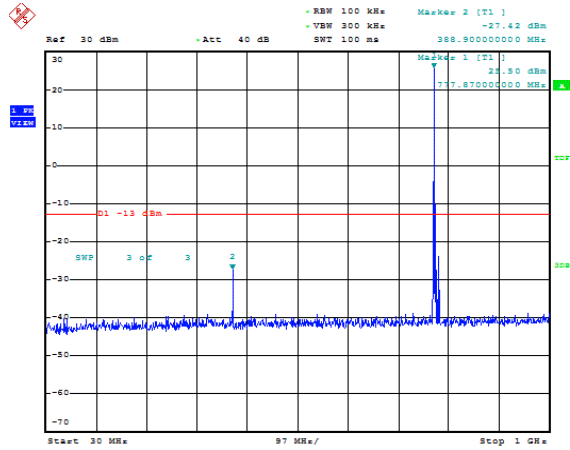
Date: 28.OCT.2020 21:31:01

Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



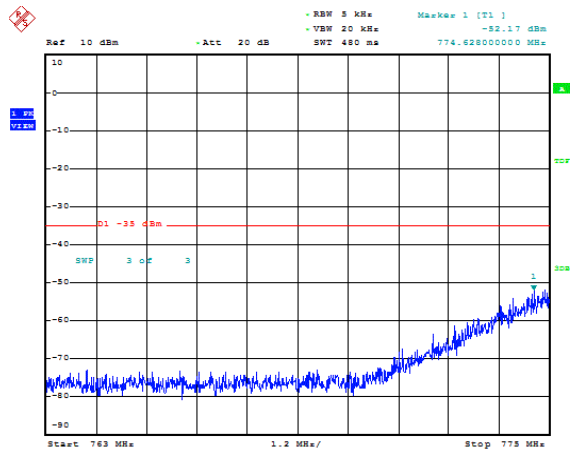
Date: 28.OCT.2020 21:19:04

Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



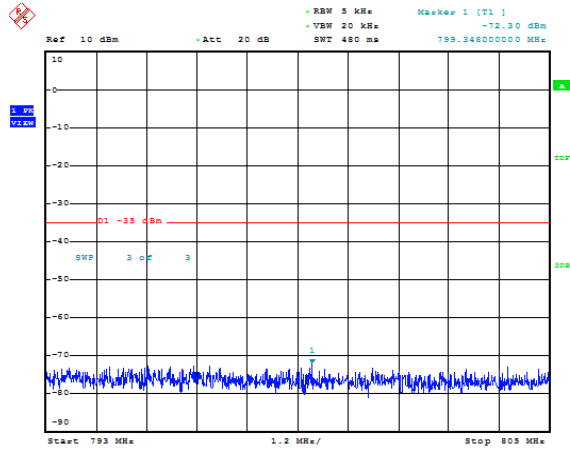
Date: 28.OCT.2020 21:10:53

Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



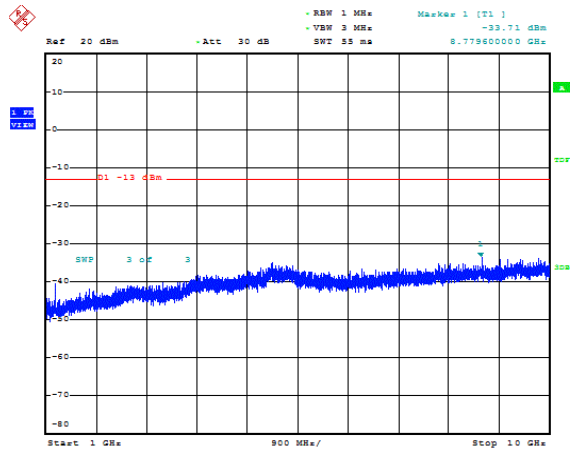
Date: 28.OCT.2020 21:11:06

Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



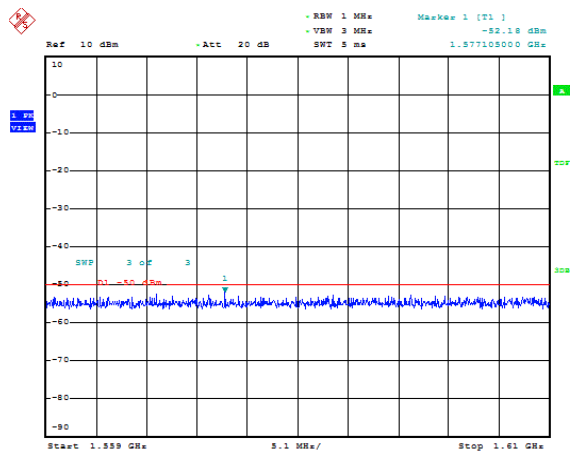
Date: 28.OCT.2020 21:11:12

Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



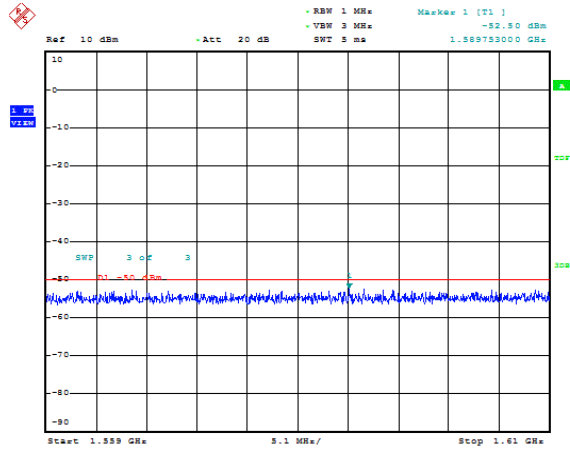
Date: 28.OCT.2020 21:11:00

Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz



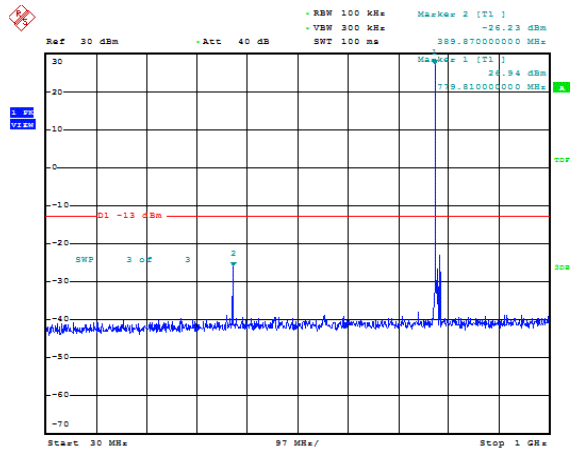
Date: 28.OCT.2020 21:11:17

Band13-5MHz-16QAM-23205-1RB#0-Range1:1559~1610MHz



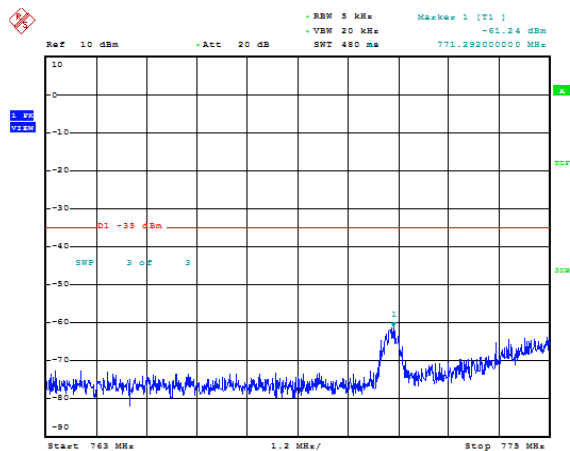
Date: 28.OCT.2020 21:30:26

Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



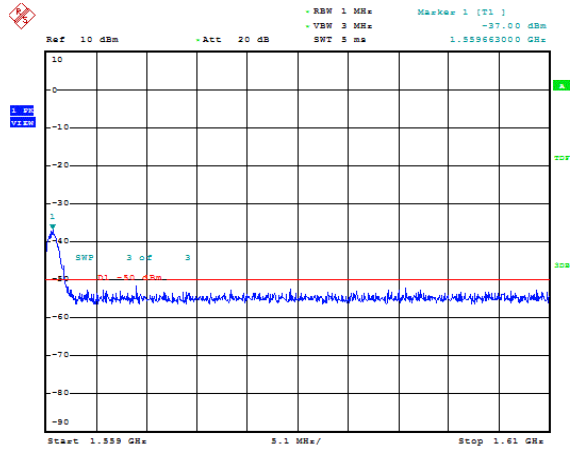
Date: 28.OCT.2020 21:12:03

Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



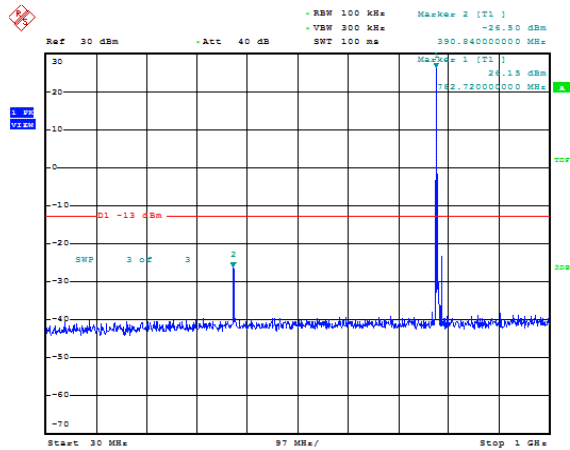
Date: 28.OCT.2020 21:12:17

Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



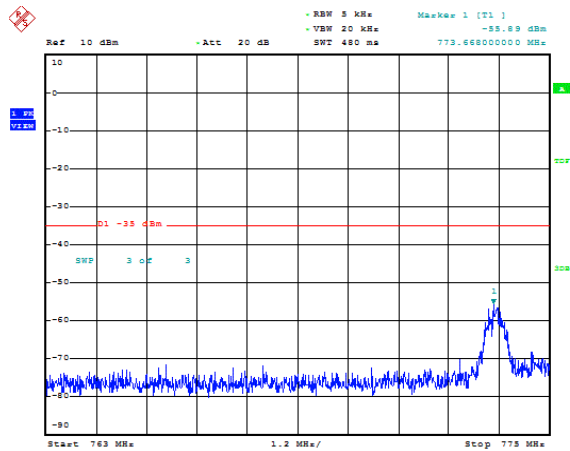
Date: 28.OCT.2020 21:12:28

Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



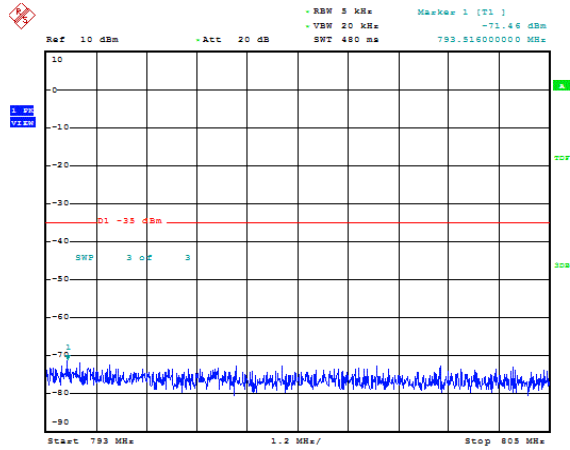
Date: 28.OCT.2020 21:18:13

Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



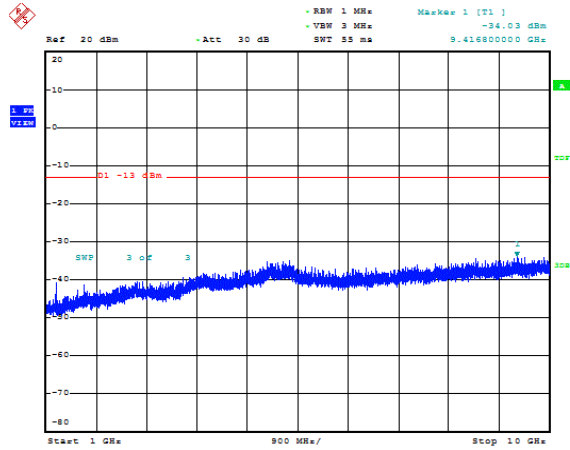
Date: 28.OCT.2020 21:19:27

Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



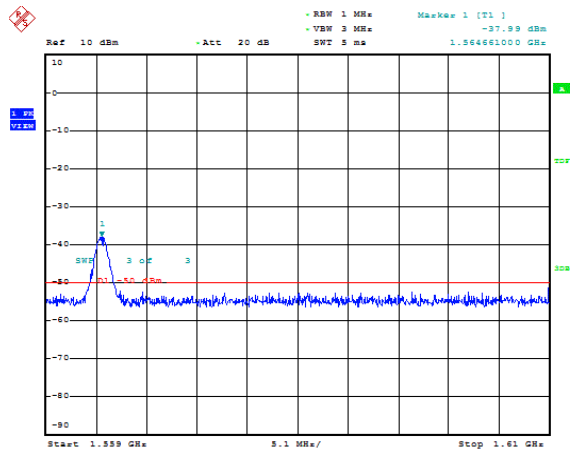
Date: 28.OCT.2020 21:19:20

Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



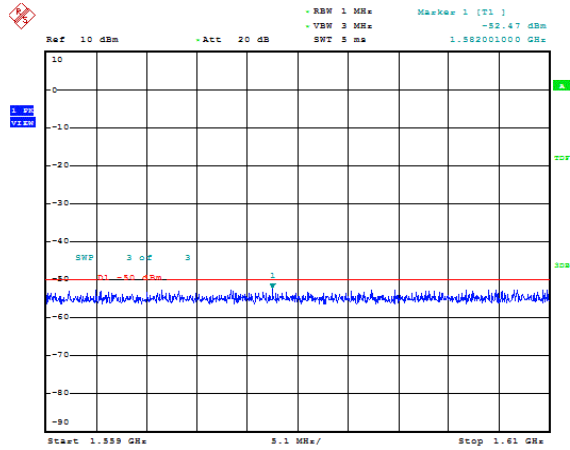
Date: 28.OCT.2020 21:19:21

Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



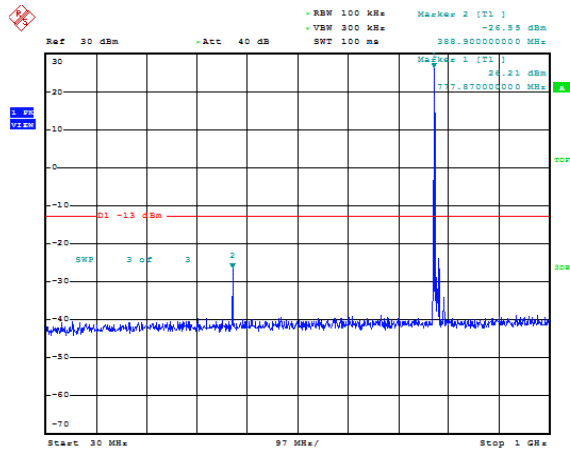
Date: 28.OCT.2020 21:19:28

Band13-5MHz-16QAM-23255-1RB#0-Range1:1559~1610MHz



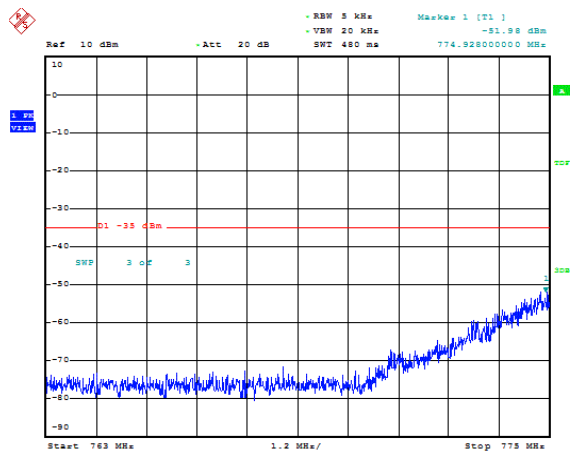
Date: 28.OCT.2020 21:31:08

Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



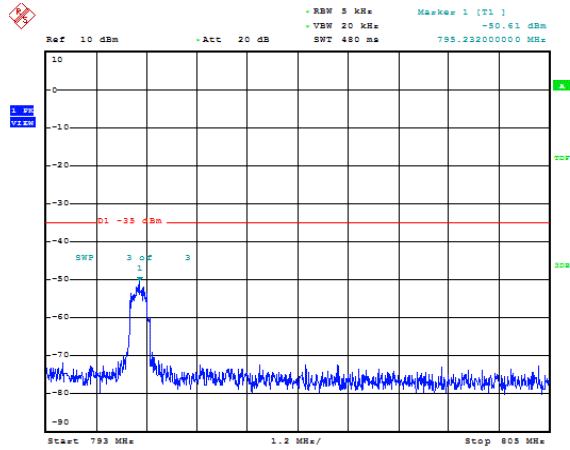
Date: 28.OCT.2020 21:26:43

Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



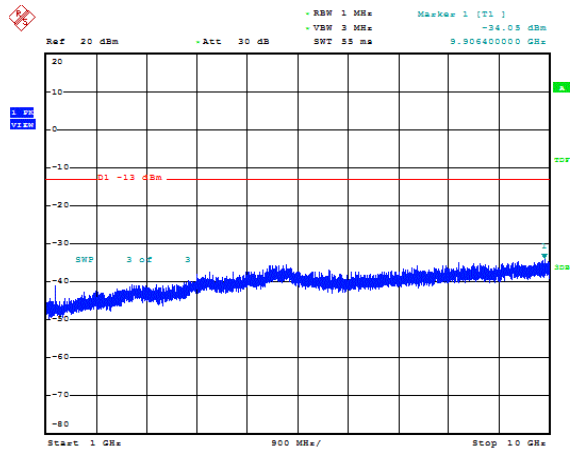
Date: 28.OCT.2020 21:26:57

Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



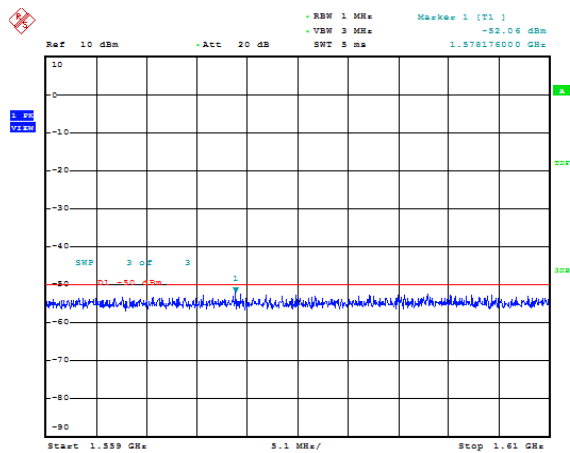
Date: 28.OCT.2020 21:27:03

Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



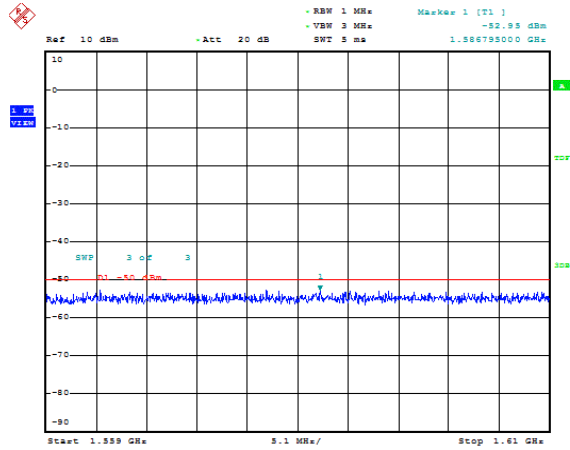
Date: 28.OCT.2020 21:26:51

Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



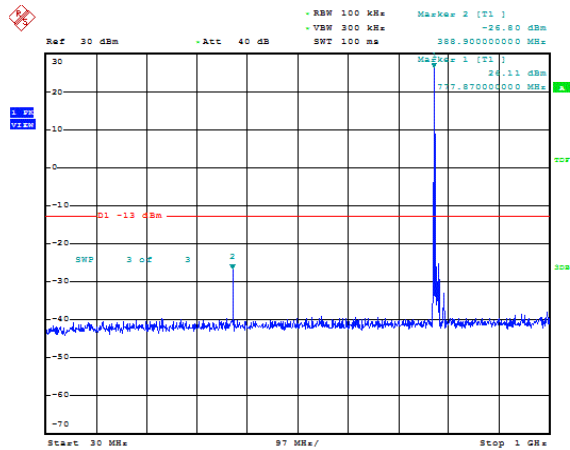
Date: 28.OCT.2020 21:27:08

Band13-10MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



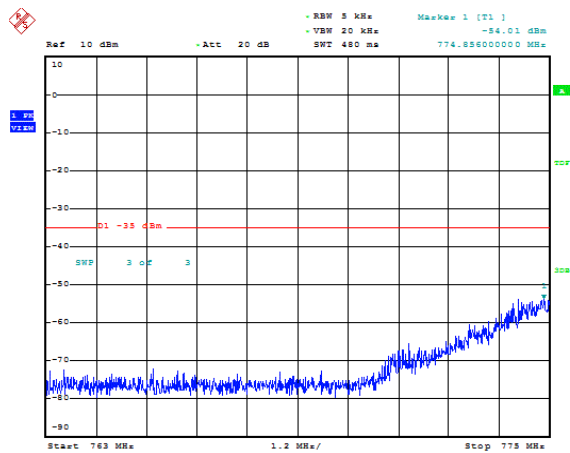
Date: 28.OCT.2020 21:31:46

Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



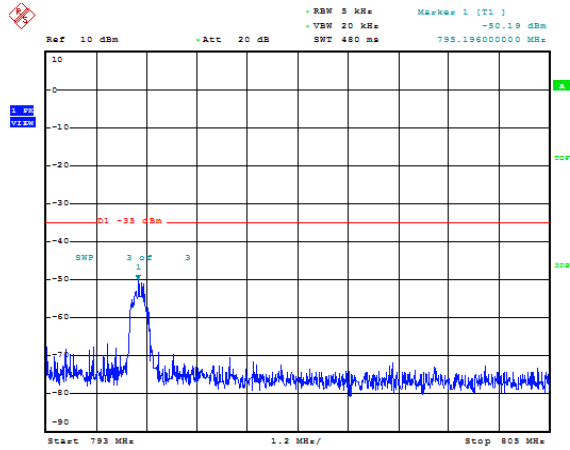
Date: 28.OCT.2020 21:27:17

Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



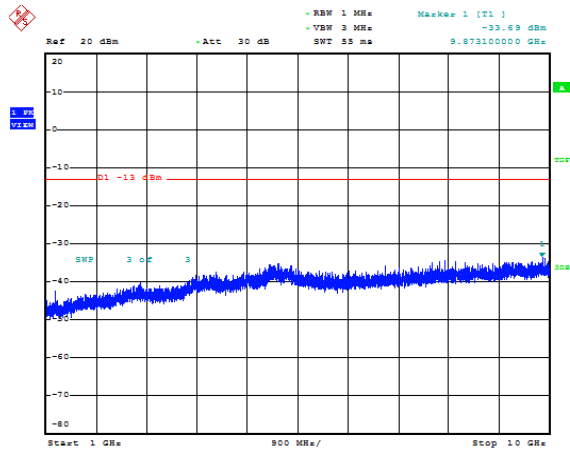
Date: 28.OCT.2020 21:27:31

Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



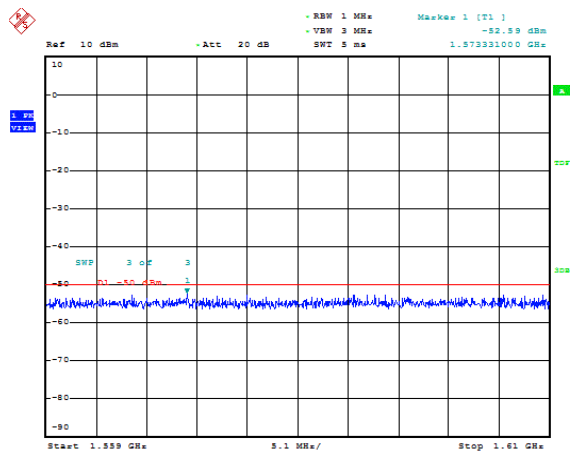
Date: 28.OCT.2020 21:27:37

Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



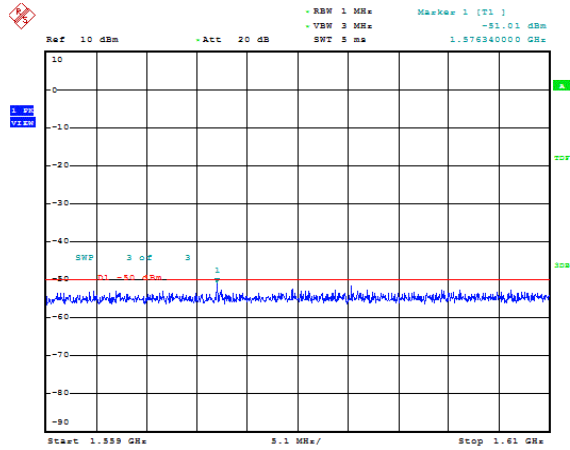
Date: 28.OCT.2020 21:27:25

Band13-10MHz-16QAM-23230-1RB#0-Range1:1559~1610MHz



Date: 28.OCT.2020 21:31:52

Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



Date: 28.OCT.2020 21:27:42

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
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-2.30	-0.002951	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-3.33	-0.004272	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-3.36	-0.004310	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-3.19	-0.004079	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-2.78	-0.003555	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-2.98	-0.003811	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-1.65	-0.002103	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	2.86	0.003646	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	1.40	0.001785	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-2.85	-0.003656	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-3.16	-0.004054	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-4.22	-0.005414	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	1.79	0.002289	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	1.89	0.002417	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-1.69	-0.002161	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-1.85	-0.002358	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-1.46	-0.001861	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-2.32	-0.002957	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	2.45	0.003133	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	1.37	0.001752	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-1.09	-0.001394	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-2.00	-0.002558	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-2.37	-0.003031	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-1.02	-0.001304	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-2.17	-0.002784	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-1.76	-0.002258	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-3.81	-0.004888	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-2.89	-0.003708	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-2.63	-0.003374	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	40	-3.69	-0.004734	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-2.93	-0.003759	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-2.70	-0.003453	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-1.86	-0.002379	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	1.63	0.002084	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2.13	-0.002724	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	2.00	0.002558	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	2.05	0.002621	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-1.09	-0.001394	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	1.60	0.002040	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	2.53	0.003225	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-3.25	-0.004143	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1.73	-0.002205	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-3.13	-0.003990	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-1.13	-0.001440	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-2.56	-0.003263	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-4.35	-0.005581	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.19	-0.005375	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-2.26	-0.002899	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-3.78	-0.004849	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-4.69	-0.006017	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-3.35	-0.004298	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.82	-0.004901	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.00	-0.002558	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	1.82	0.002327	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-1.93	-0.002468	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-1.57	-0.002008	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	2.46	0.003146	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-3.30	-0.004220	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	1.79	0.002289	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-1.26	-0.001606	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-2.52	-0.003212	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-2.26	-0.002881	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-2.63	-0.003352	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	1.43	0.001823	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-2.16	-0.002753	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-2.19	-0.002792	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.65	-0.003389	±2.5	PASS

Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.15	-0.002749	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	2.06	0.002634	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.69	-0.003440	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-3.38	-0.004322	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-3.75	-0.004795	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.75	-0.003517	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-1.86	-0.002379	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	2.29	0.002928	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-2.42	-0.003095	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-1.87	-0.002391	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	1.53	0.001957	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-1.77	-0.002263	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-2.42	-0.003095	±2.5	PASS

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