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Main RF module appendix for LTE Band 5

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

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung
Sha Wan Road, Kowloon, Hong Kong**

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 5				Actual output Power (dBm)			
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	Low	24.25	23.92	24.28	
			Middle	24.15	23.41	24.08	
			High	24.20	23.43	24.17	
		3	Low	22.77	23.35	22.54	
			Middle	22.75	22.70	22.46	
			High	22.72	22.87	22.43	
		6	/	22.69	22.97	21.92	
		16QAM	1	Low	23.96	23.56	23.87
				Middle	23.93	23.02	23.64
	High			23.86	23.03	23.78	
	3		Low	22.09	23.06	21.97	
			Middle	22.06	21.91	21.76	
			High	21.99	22.38	21.89	
	6	/	21.76	22.53	21.58		
	3	QPSK	1	Low	24.22	24.44	24.27
Middle				24.13	24.41	24.06	
High				24.17	24.35	24.15	
8			Low	22.74	22.88	22.52	
			Middle	22.72	22.93	22.45	
			High	22.70	22.79	22.41	
15			/	22.66	22.50	21.91	
16QAM			1	Low	23.93	24.07	23.86
				Middle	23.90	24.00	23.63
		High		23.83	23.99	23.76	
		8	Low	22.06	22.18	21.96	
			Middle	22.04	22.12	21.75	
			High	21.97	22.11	21.87	
		15	/	21.74	21.90	21.56	

5	QPSK	1	Low	24.27	24.41	24.29	
			Middle	24.17	24.38	24.09	
			High	24.22	24.32	24.18	
		12	Low	22.79	22.85	22.55	
			Middle	22.77	22.90	22.47	
			High	22.74	22.76	22.44	
	25	/	22.71	22.47	21.93		
	16QAM	1	Low	23.98	24.04	23.89	
			Middle	23.95	23.97	23.65	
			High	23.88	23.96	23.79	
		12	Low	22.11	22.15	21.98	
			Middle	22.08	22.09	21.77	
High			22.02	22.08	21.90		
25	/	21.78	21.87	21.59			
10	QPSK	1	Low	24.35	24.49	24.38	
			Middle	24.25	24.46	24.18	
			High	24.30	24.40	24.26	
		25	Low	22.86	22.92	22.63	
			Middle	22.84	22.98	22.55	
			High	22.81	22.84	22.52	
		50	/	22.78	22.55	22.01	
		16QAM	1	Low	23.73	23.83	23.71
				Middle	23.70	23.76	23.48
	High			23.63	23.76	23.62	
	25		Low	21.87	21.97	21.83	
			Middle	21.85	21.90	21.61	
			High	21.78	21.89	21.74	
	50		/	21.55	21.68	21.43	

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

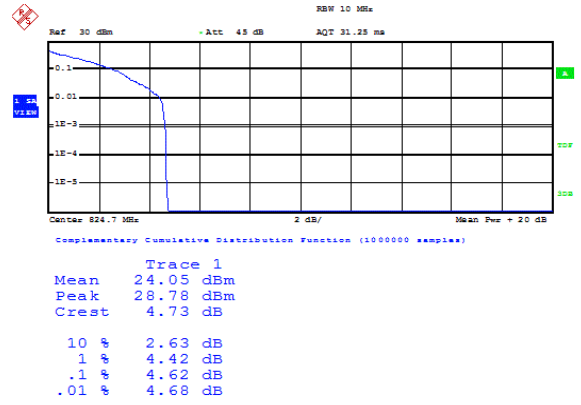
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.32	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.84	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.42	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.80	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.38	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.80	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.48	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.93	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.58	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.51	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.62	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.26	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.93	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.38	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.38	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.19	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.62	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.48	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.65	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.29	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.31	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.77	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.28	13	PASS

Band5	5MHz	16QAM	20625	1RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.25	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.65	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.94	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.55	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.71	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.35	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.87	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.31	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.32	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.41	13	PASS

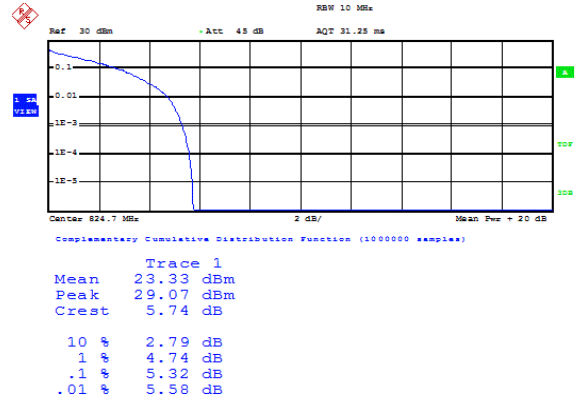
Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



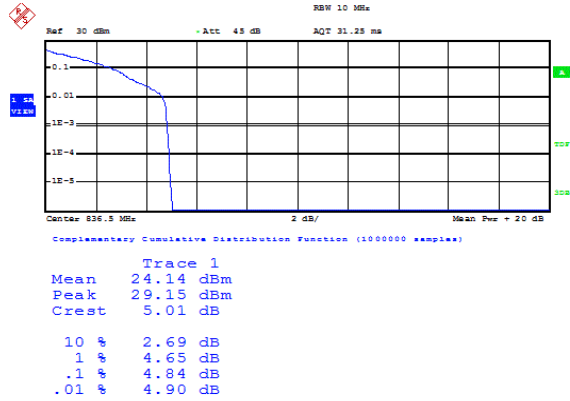
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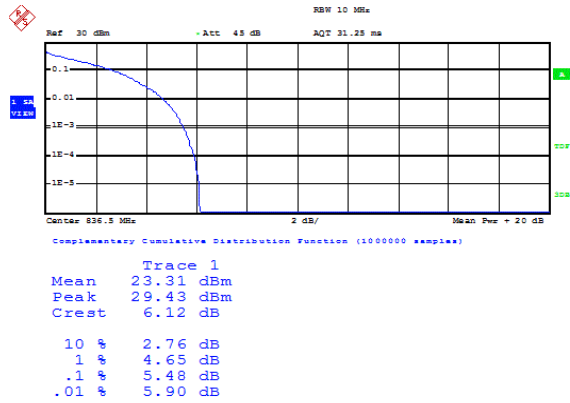
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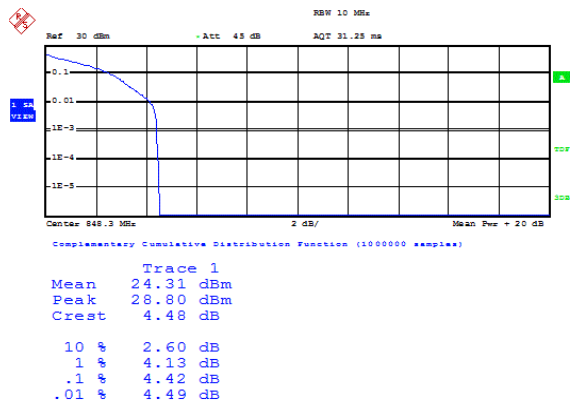
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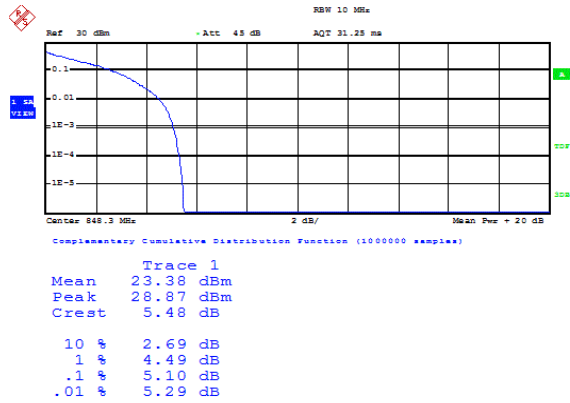
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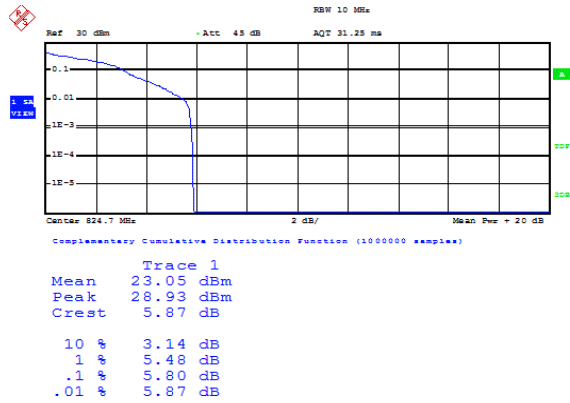
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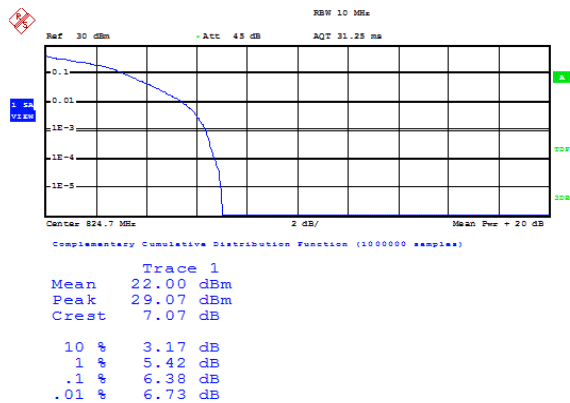
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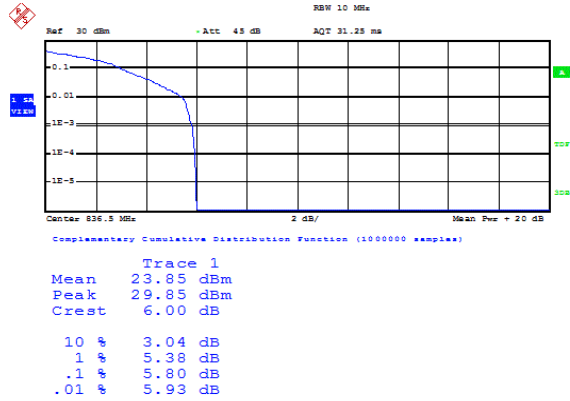
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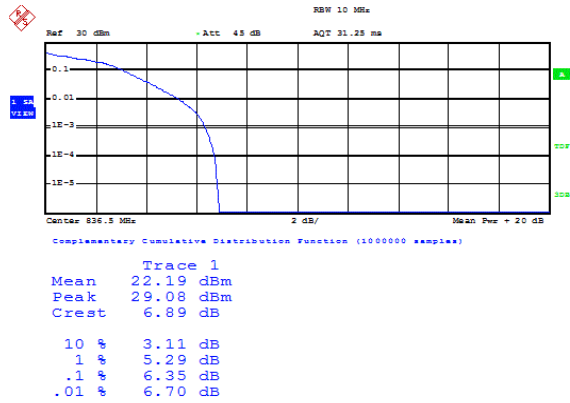
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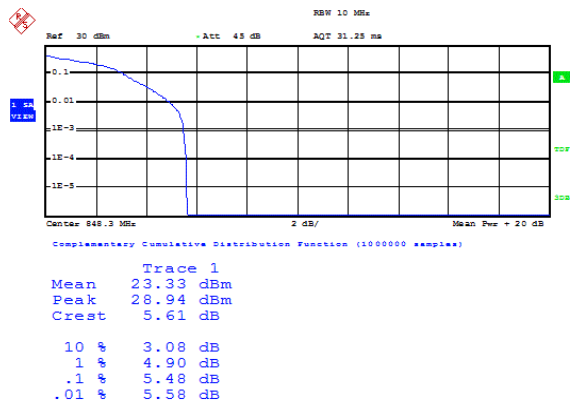
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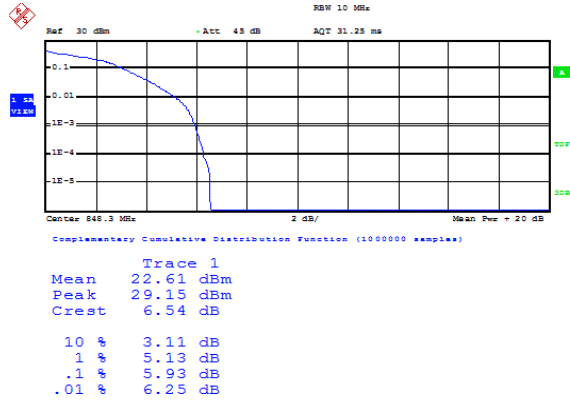
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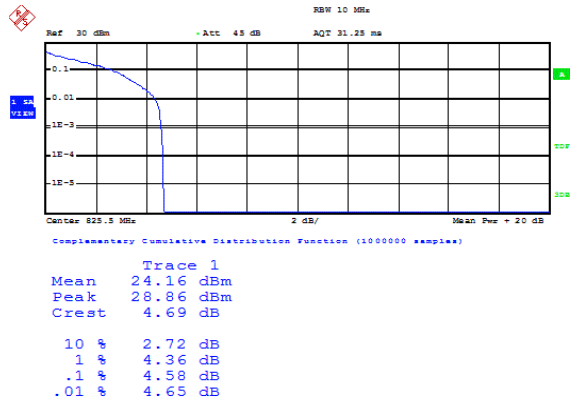
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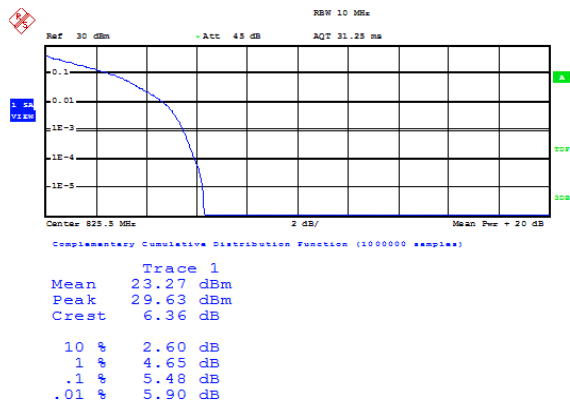
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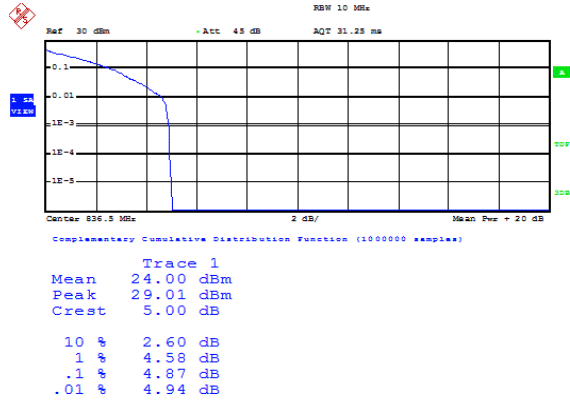
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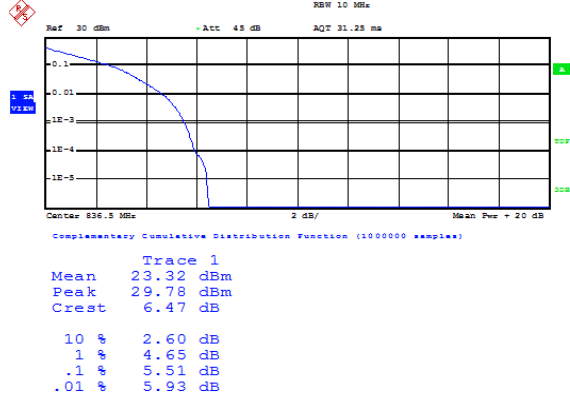
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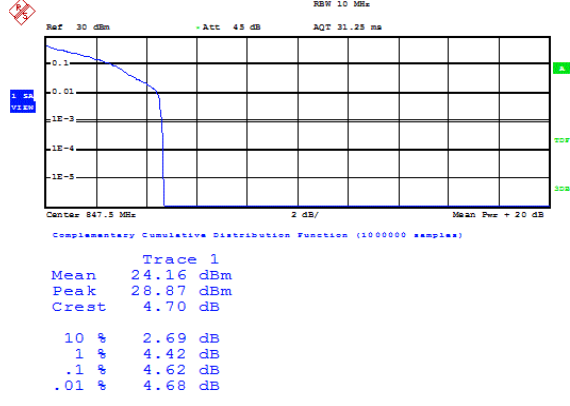
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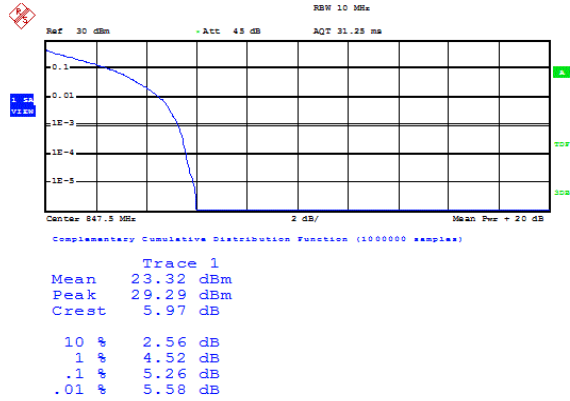
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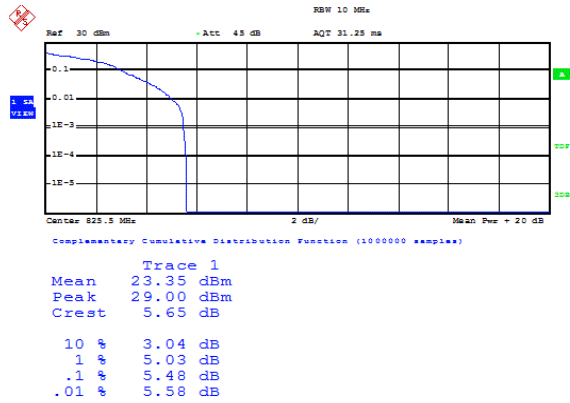
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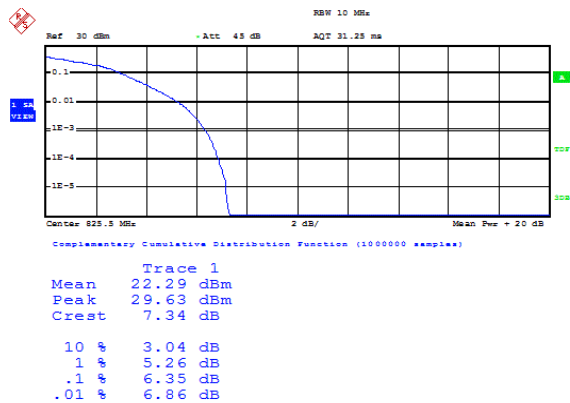
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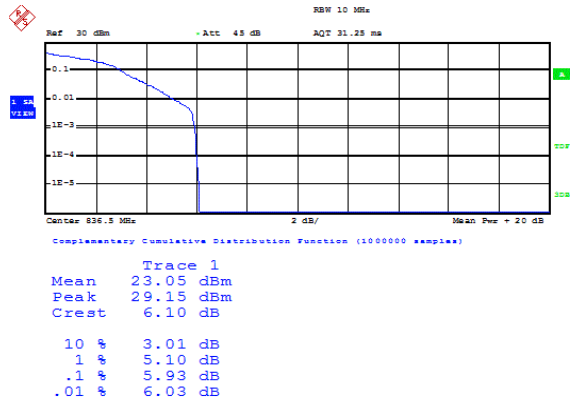
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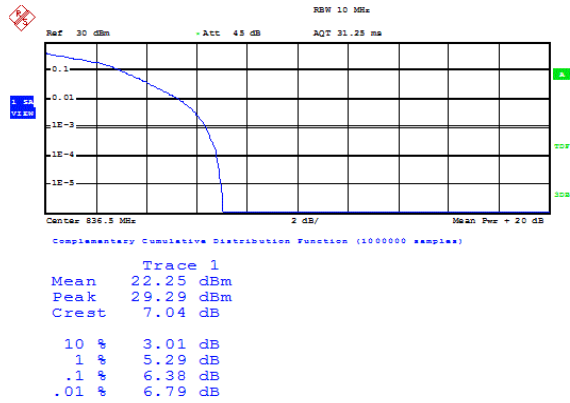
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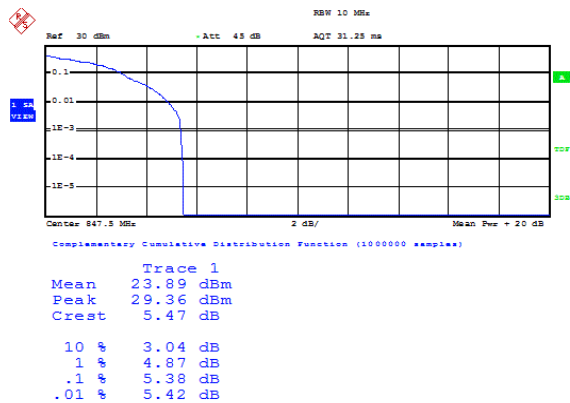
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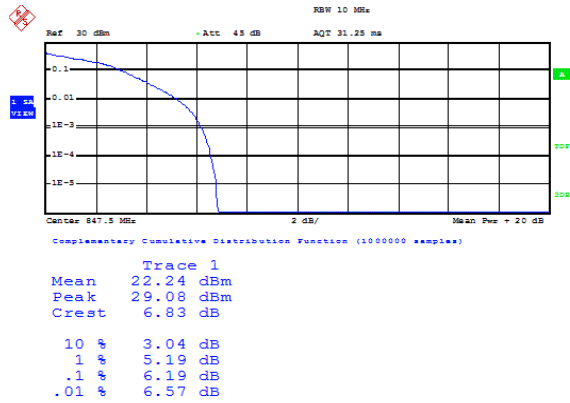
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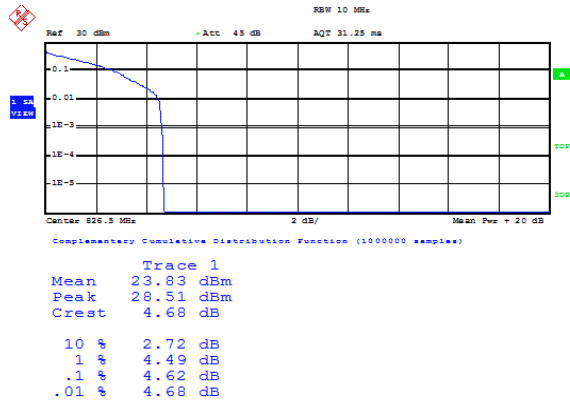
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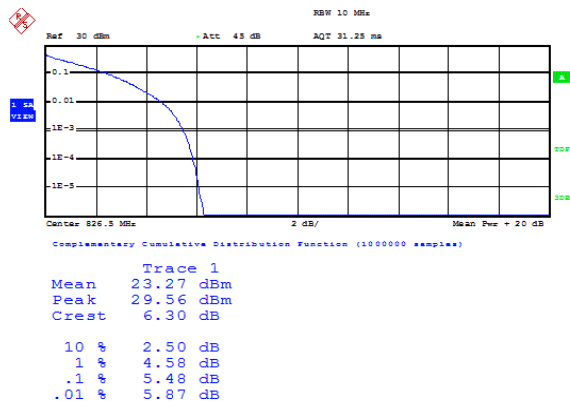
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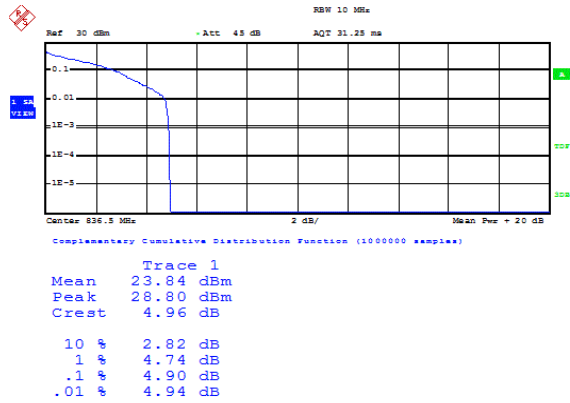
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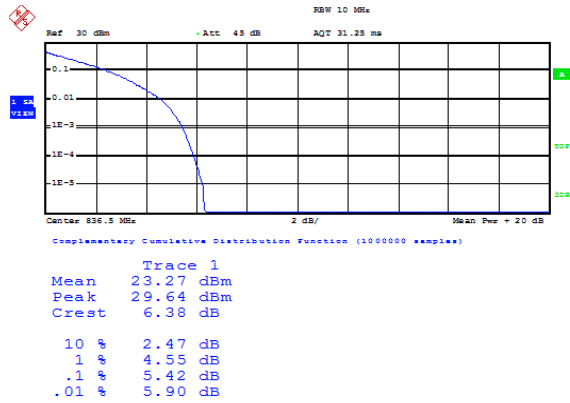
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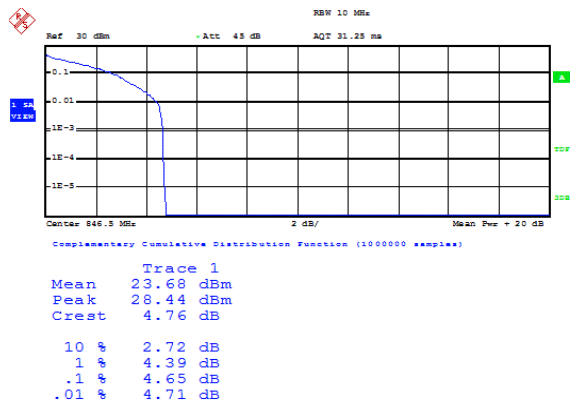
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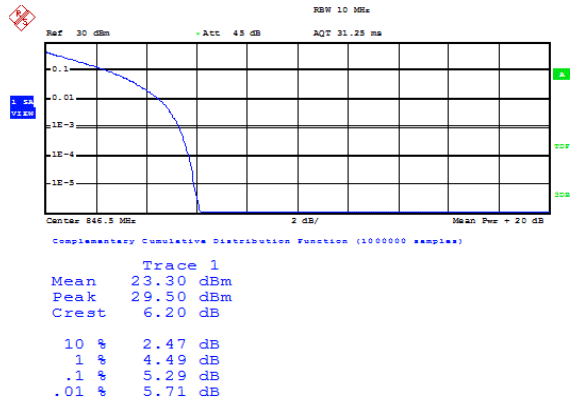
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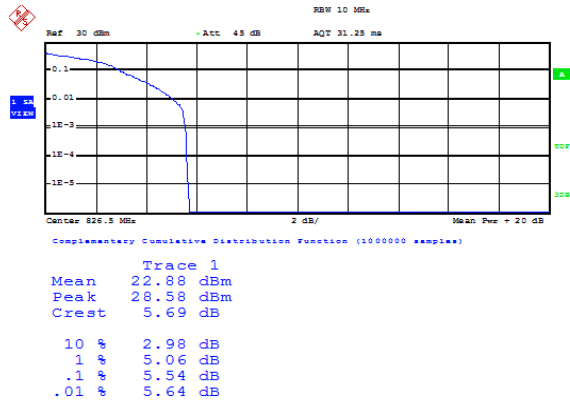
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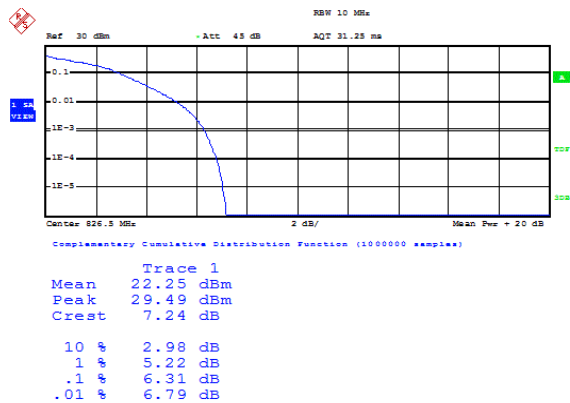
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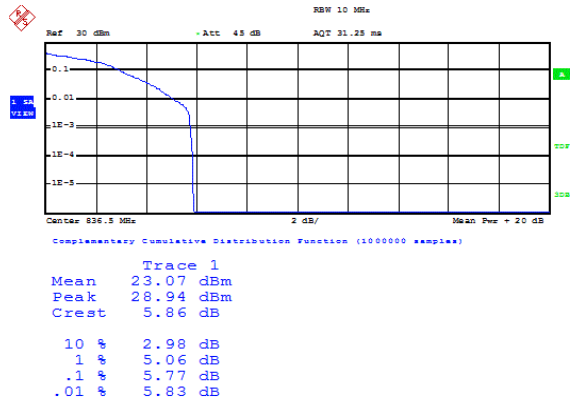
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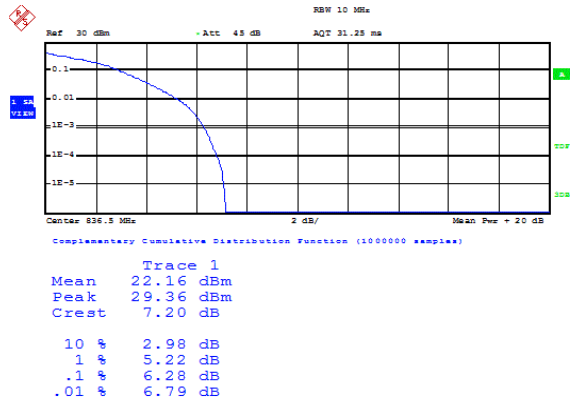
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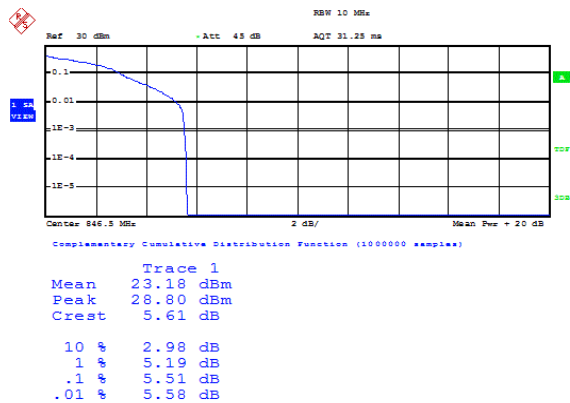
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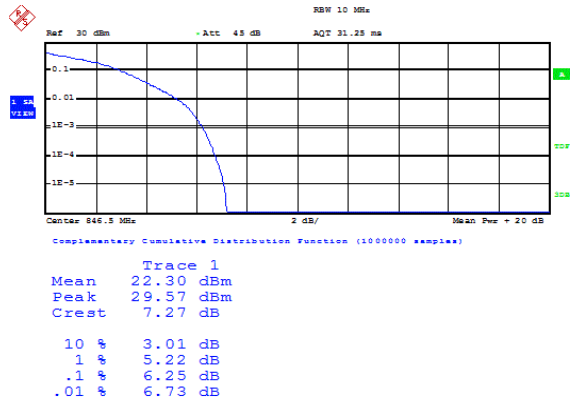
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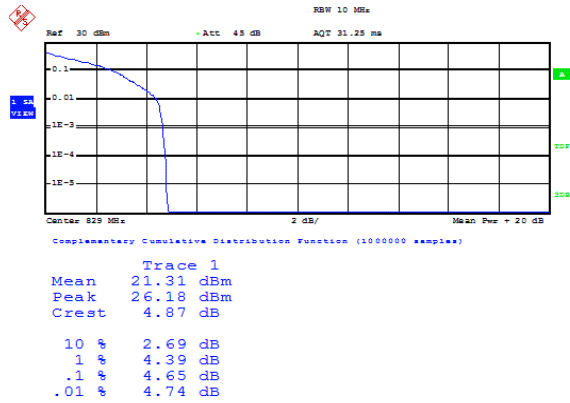
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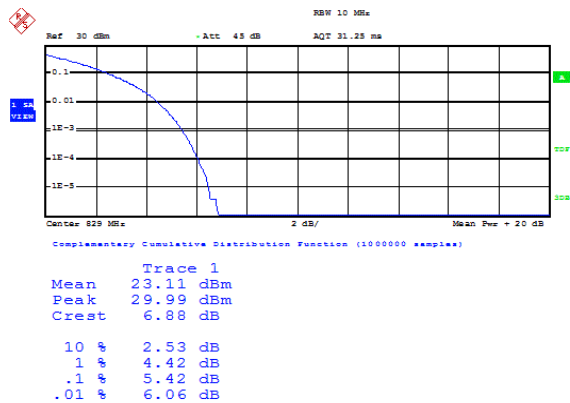
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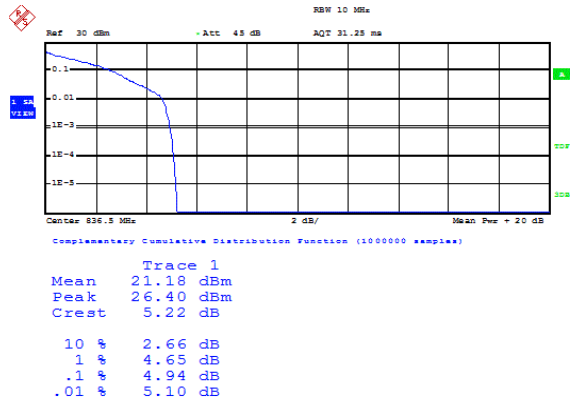
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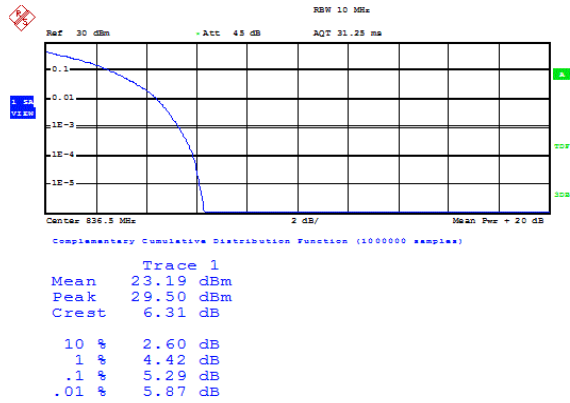
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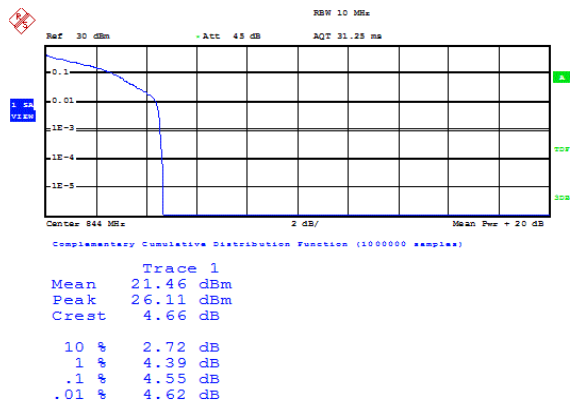
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Band5-10MHz-QPSK-20525-50RB#0



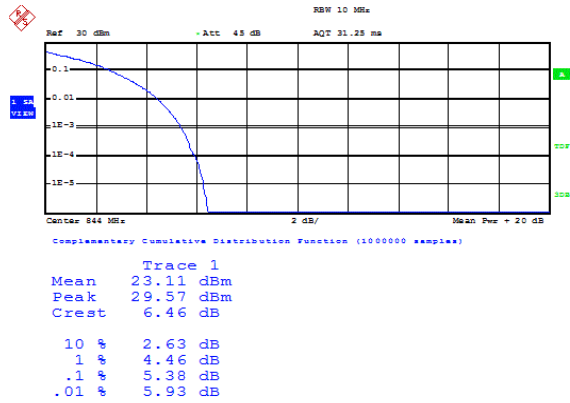
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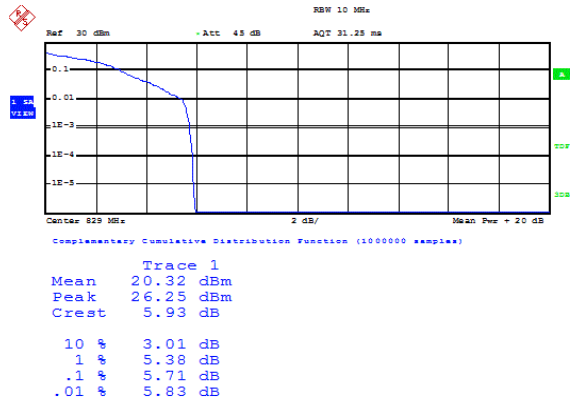
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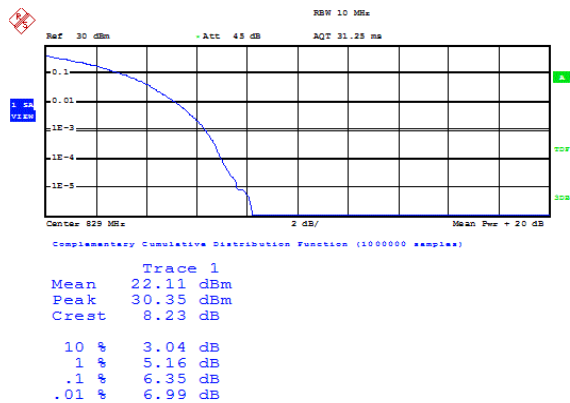
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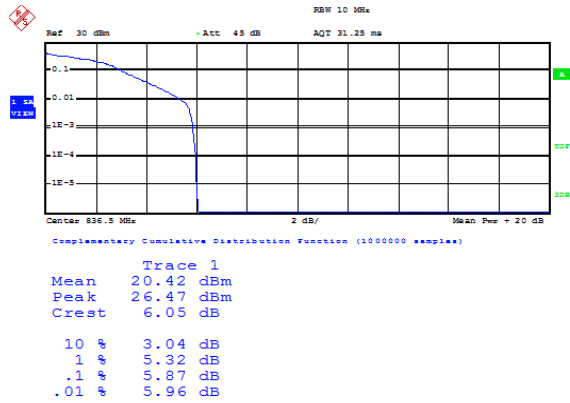
Date: 27.OCT.2020 09:41:14

Band5-10MHz-16QAM-20450-50RB#0



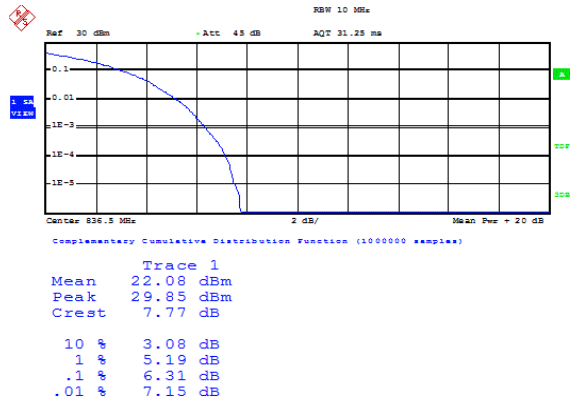
Date: 27.OCT.2020 09:41:32

Band5-10MHz-16QAM-20525-1RB#0



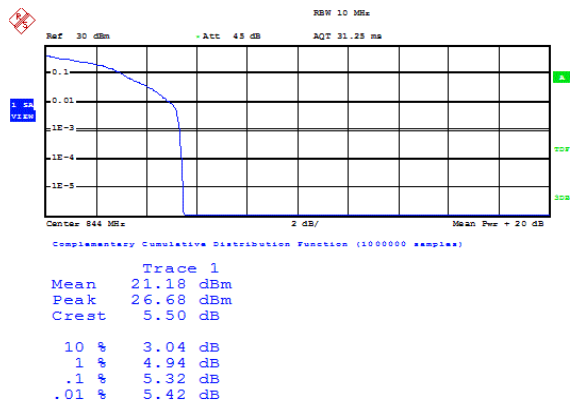
Date: 27.OCT.2020 09:41:52

Band5-10MHz-16QAM-20525-50RB#0



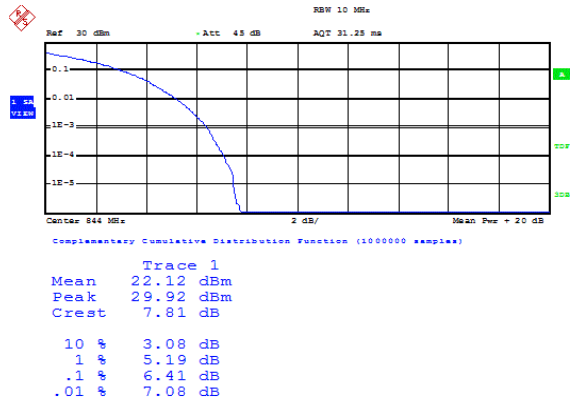
Date: 27.OCT.2020 09:42:10

Band5-10MHz-16QAM-20600-1RB#0



Date: 27.OCT.2020 09:42:30

Band5-10MHz-16QAM-20600-50RB#0



Date: 27.OCT.2020 09:42:48

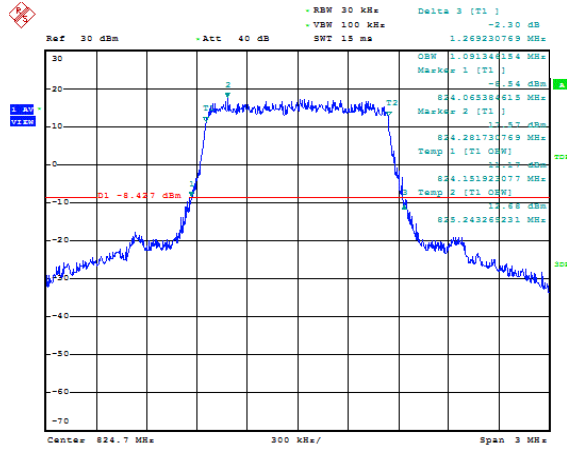
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.091	1.269	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.095	1.215	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.095	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.09	1.210	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.09	1.235	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.095	1.230	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.702	2.971	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7	2.870	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7	2.850	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7	2.880	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7	2.860	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.503	4.968	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5	4.790	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5	4.770	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5	4.790	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.51	4.780	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.51	4.780	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.038	9.776	PASS
Band5	10MHz	QPSK	20525	50RB#0	9	9.633	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.967	9.700	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.967	9.667	PASS
Band5	10MHz	16QAM	20525	50RB#0	9	9.633	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.967	9.633	PASS

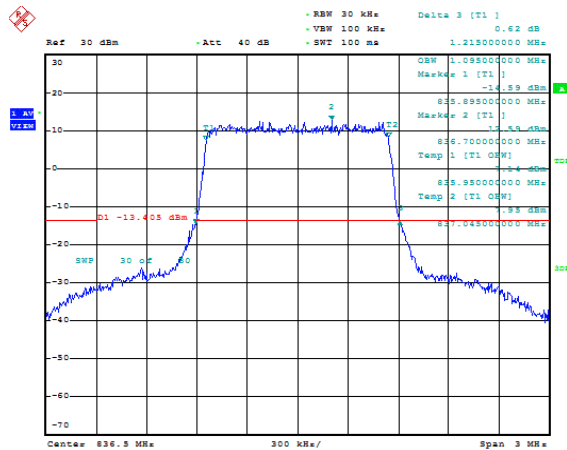
Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0-1.091



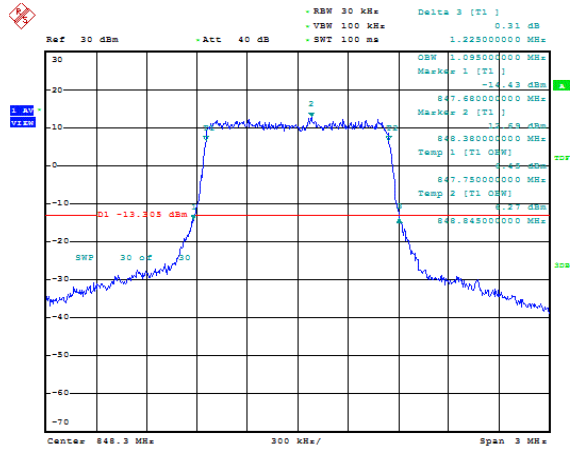
Date: 27.OCT.2020 02:49:41

Band5-1.4MHz-QPSK-20525-6RB#0-1.095



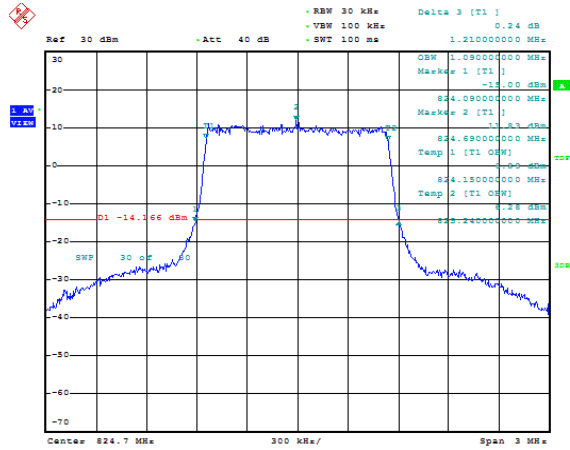
Date: 27.OCT.2020 02:46:04

Band5-1.4MHz-QPSK-20643-6RB#0-1.095



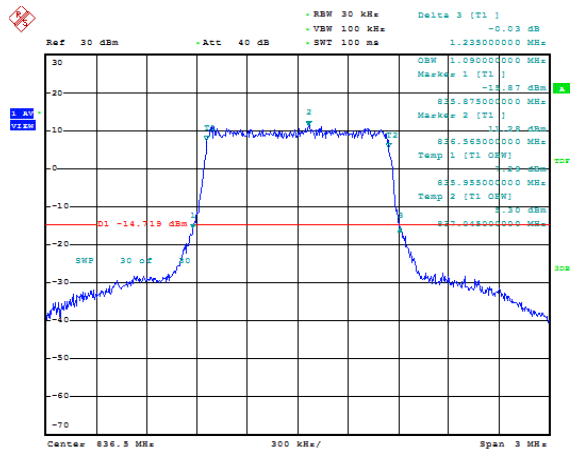
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Band5-1.4MHz-16QAM-20407-6RB#0-1.09



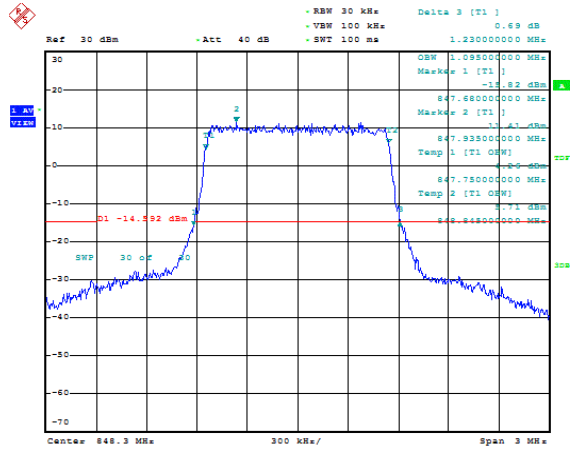
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Band5-1.4MHz-16QAM-20525-6RB#0-1.09



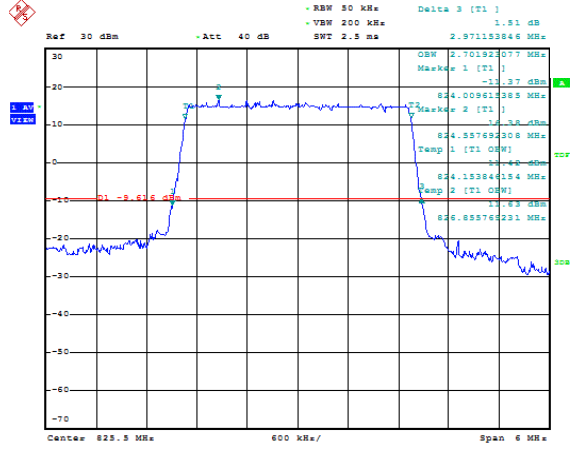
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Band5-1.4MHz-16QAM-20643-6RB#0-1.095



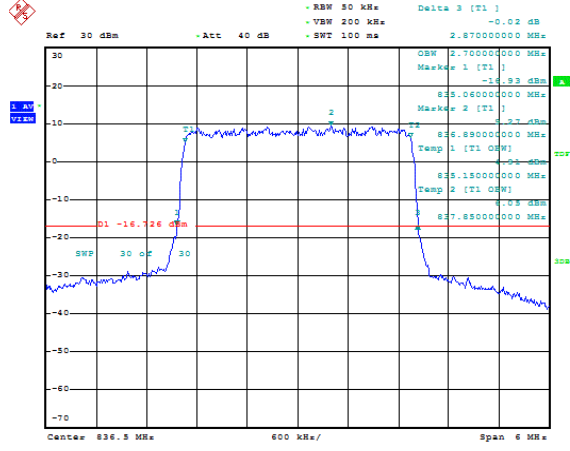
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Band5-3MHz-QPSK-20415-15RB#0-2.702



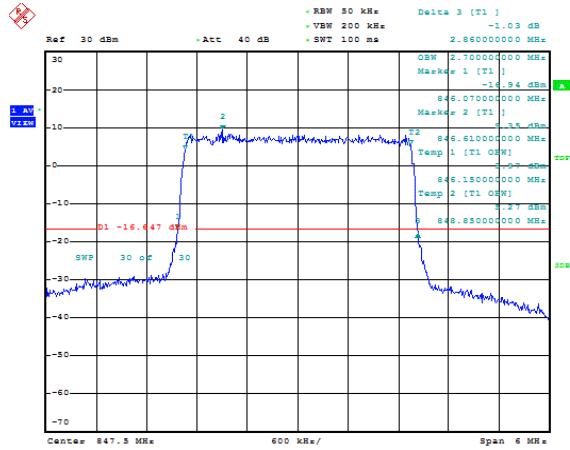
Date: 27.OCT.2020 03:00:49

Band5-3MHz-QPSK-20525-15RB#0-2.7



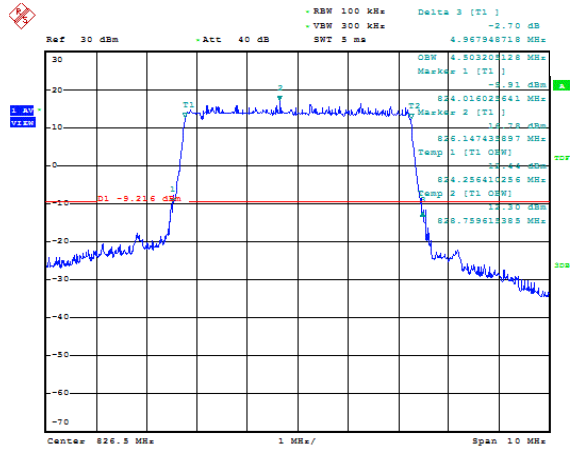
Date: 27.OCT.2020 03:01:12

Band5-3MHz-QPSK-20635-15RB#0-2.7



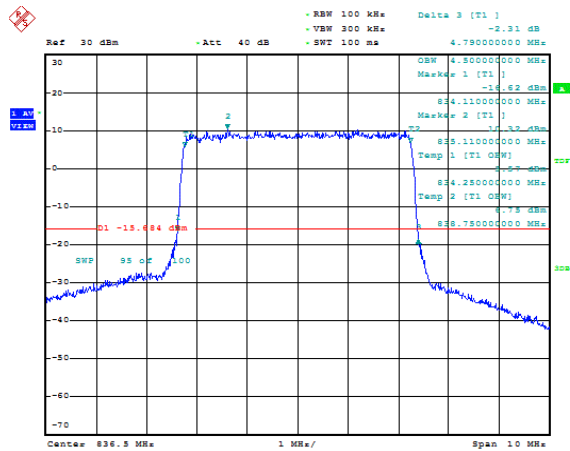
Date: 27.OCT.2020 09:01:45

Band5-5MHz-QPSK-20425-25RB#0-4.503



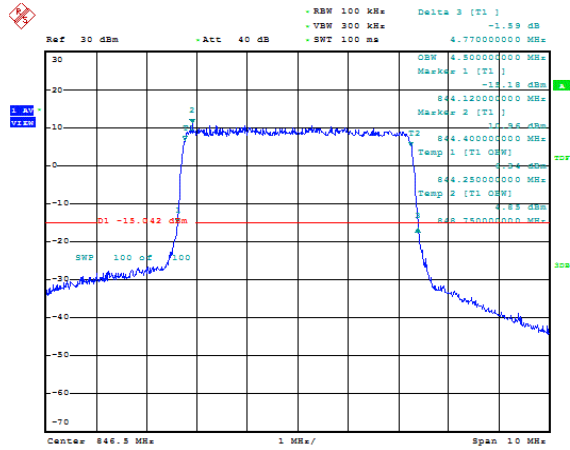
Date: 27.OCT.2020 09:16:04

Band5-5MHz-QPSK-20525-25RB#0-4.5



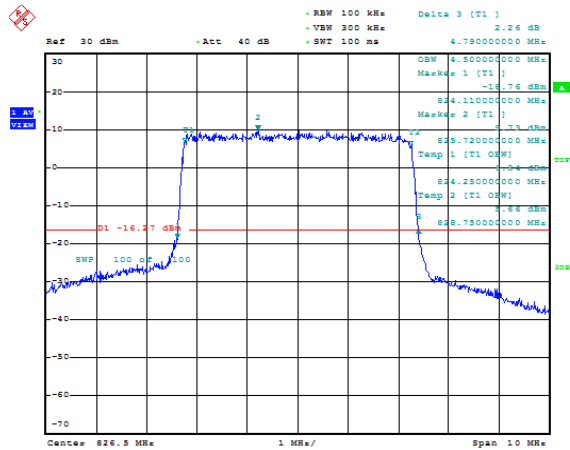
Date: 27.OCT.2020 09:16:40

Band5-5MHz-QPSK-20625-25RB#0-4.5



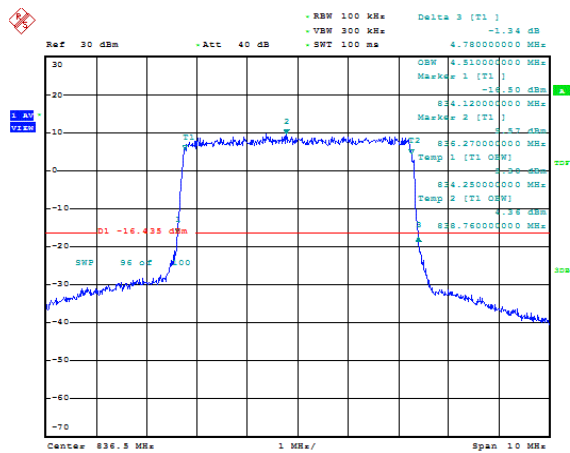
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Band5-5MHz-16QAM-20425-25RB#0-4.5



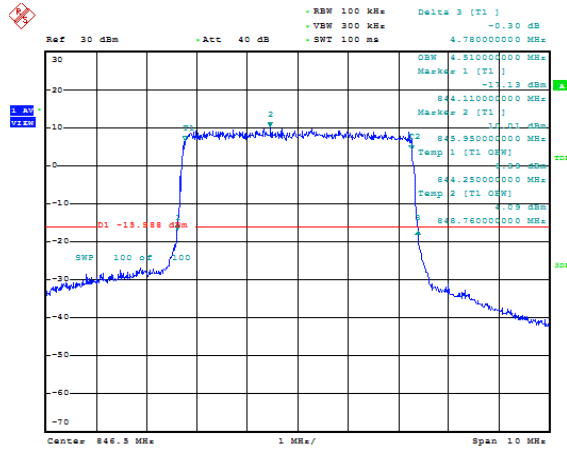
Date: 27.OCT.2020 09:16:21

Band5-5MHz-16QAM-20525-25RB#0-4.51



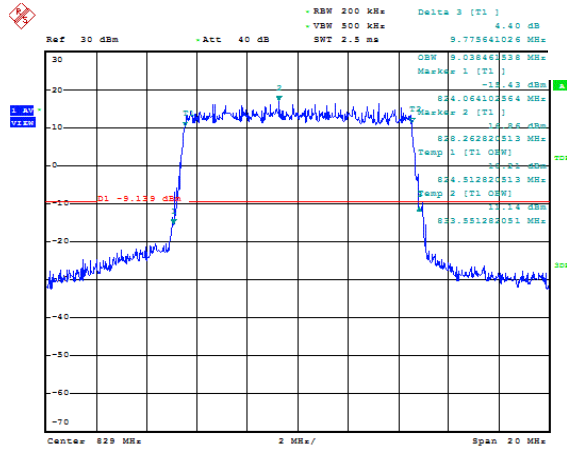
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Band5-5MHz-16QAM-20625-25RB#0-4.51



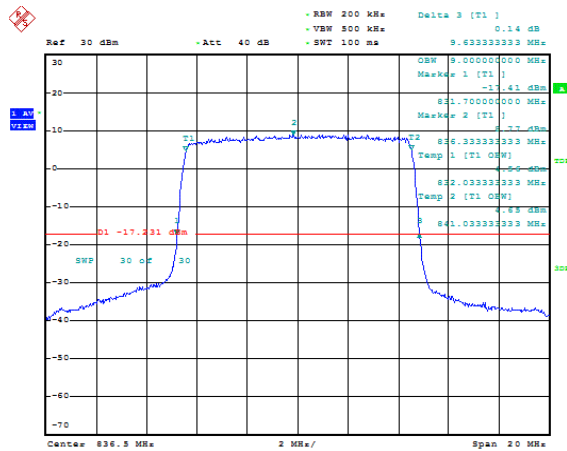
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Band5-10MHz-QPSK-20450-50RB#0-9.038



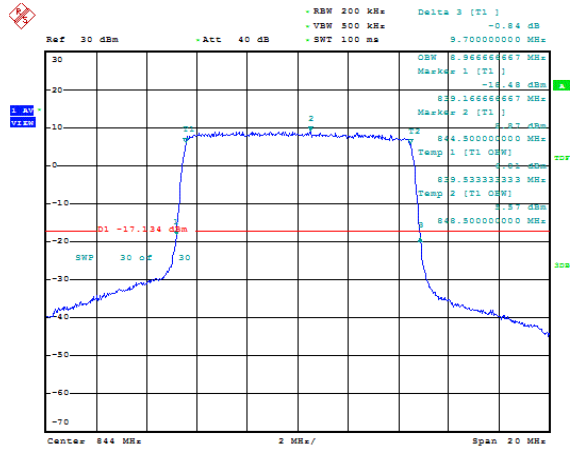
Date: 27.OCT.2020 09:32:02

Band5-10MHz-QPSK-20525-50RB#0-9



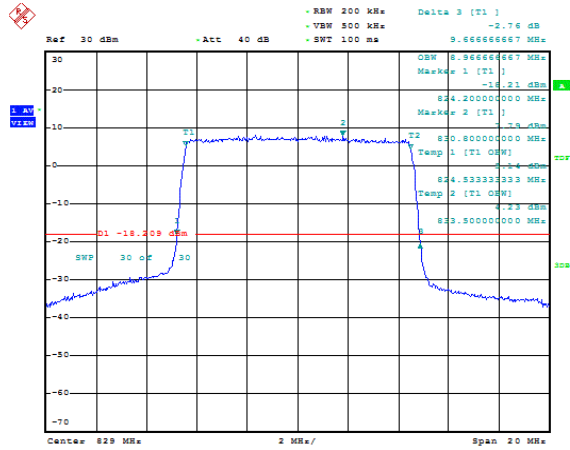
Date: 27.OCT.2020 09:32:25

Band5-10MHz-QPSK-20600-50RB#0-8.967



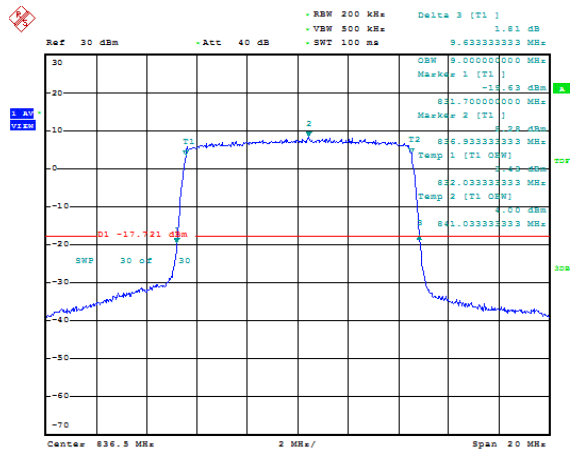
Date: 27.OCT.2020 09:32:48

Band5-10MHz-16QAM-20450-50RB#0-8.967



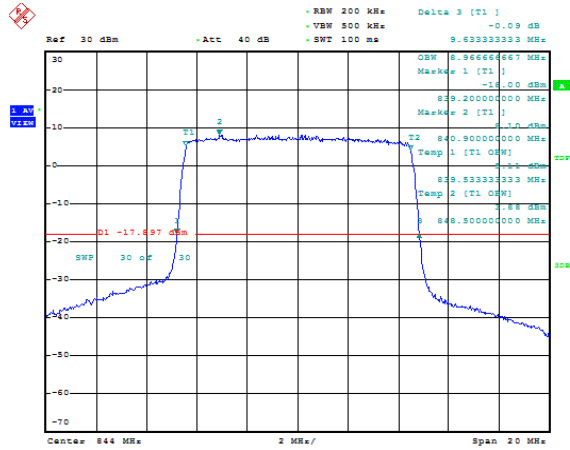
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Band5-10MHz-16QAM-20525-50RB#0-9



Date: 27.OCT.2020 09:32:56

Band5-10MHz-16QAM-20600-50RB#0-8.967



Date: 27.OCT.2020 09:32:59

1.4. Appendix D: Band Edge

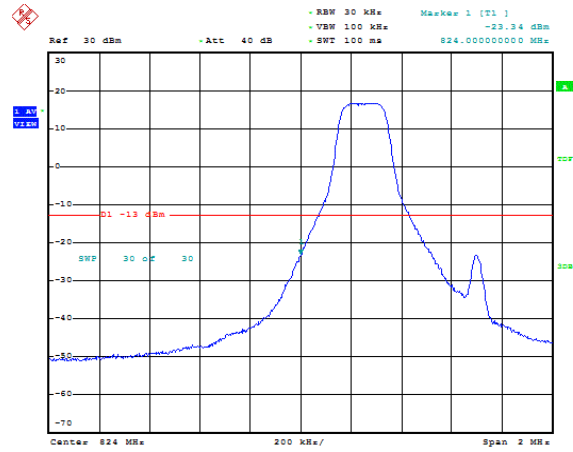
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-23.34	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-45.54	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-26.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-44.89	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.03	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-22.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-47.92	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-47.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-24.95	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.99	PASS
Band5	3MHz	QPSK	20415	1RB#0	-21.21	PASS
Band5	3MHz	QPSK	20415	1RB#14	-43.64	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	-45.25	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	-28.69	PASS
Band5	3MHz	16QAM	20415	1RB#0	-22.12	PASS
Band5	3MHz	16QAM	20415	1RB#14	-44.87	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.87	PASS
Band5	3MHz	16QAM	20635	1RB#0	-45.58	PASS
Band5	3MHz	16QAM	20635	1RB#14	-20.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.11	PASS
Band5	5MHz	QPSK	20425	1RB#0	-22.88	PASS
Band5	5MHz	QPSK	20425	1RB#24	-49.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.38	PASS
Band5	5MHz	QPSK	20625	1RB#0	-49.71	PASS
Band5	5MHz	QPSK	20625	1RB#24	-22.07	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	-24.97	PASS
Band5	5MHz	16QAM	20425	1RB#24	-49.60	PASS
Band5	5MHz	16QAM	20425	25RB#0	-27.08	PASS

Band5	5MHz	16QAM	20625	1RB#0	-49.88	PASS
Band5	5MHz	16QAM	20625	1RB#24	-22.94	PASS
Band5	5MHz	16QAM	20625	25RB#0	-29.91	PASS
Band5	10MHz	QPSK	20450	1RB#0	-16.92	PASS
Band5	10MHz	QPSK	20450	1RB#49	-48.00	PASS
Band5	10MHz	QPSK	20450	50RB#0	-26.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	-48.55	PASS
Band5	10MHz	QPSK	20600	1RB#49	-13.91	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.93	PASS
Band5	10MHz	16QAM	20450	1RB#0	-17.76	PASS
Band5	10MHz	16QAM	20450	1RB#49	-48.47	PASS
Band5	10MHz	16QAM	20450	50RB#0	-27.61	PASS
Band5	10MHz	16QAM	20600	1RB#0	-48.98	PASS
Band5	10MHz	16QAM	20600	1RB#49	-14.29	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.14	PASS

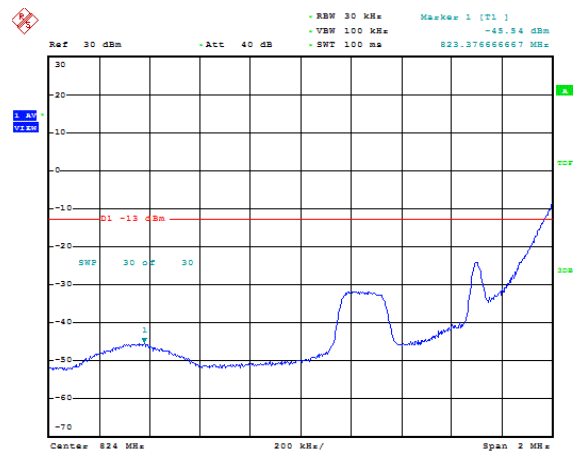
Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



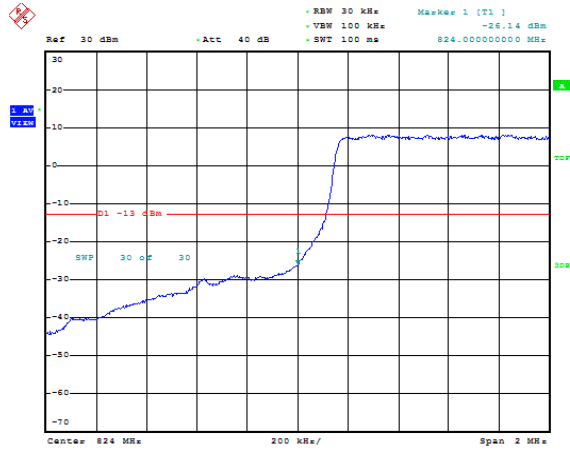
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Band5-1.4MHz-QPSK-20407-1RB#5



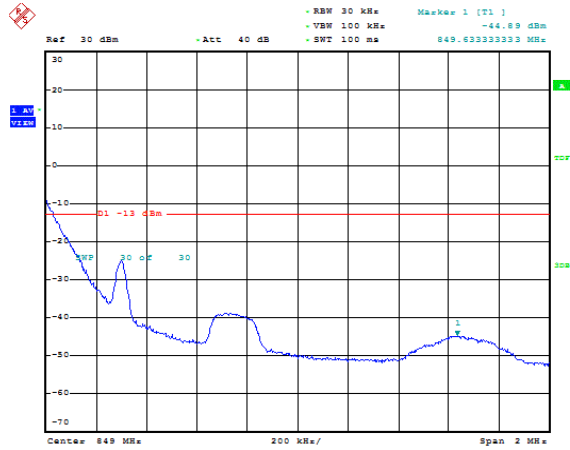
Date: 27.OCT.2020 02:46:13

Band5-1.4MHz-QPSK-20407-6RB#0



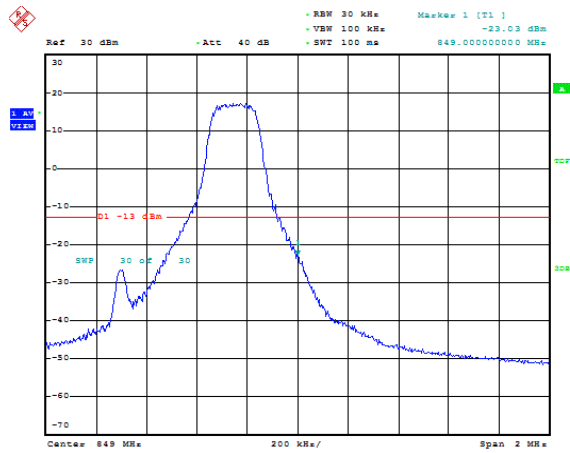
Date: 27.OCT.2020 02:45:22

Band5-1.4MHz-QPSK-20643-1RB#0



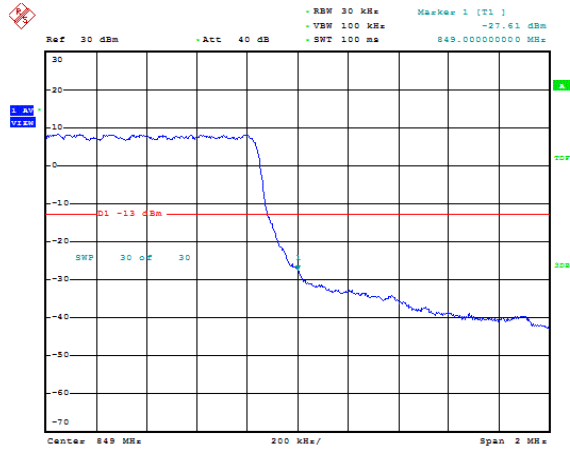
Date: 27.OCT.2020 02:46:05

Band5-1.4MHz-QPSK-20643-1RB#5



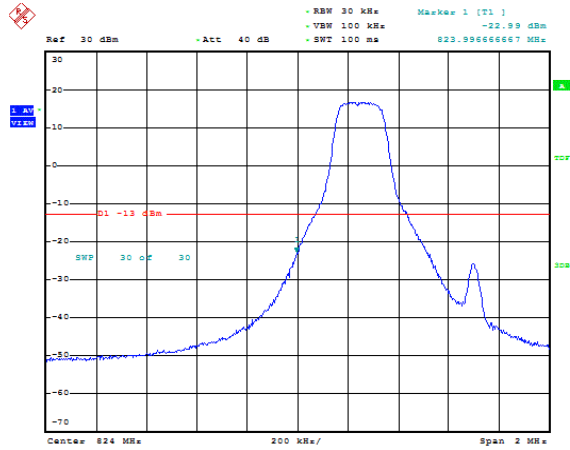
Date: 27.OCT.2020 02:46:24

Band5-1.4MHz-QPSK-20643-6RB#0



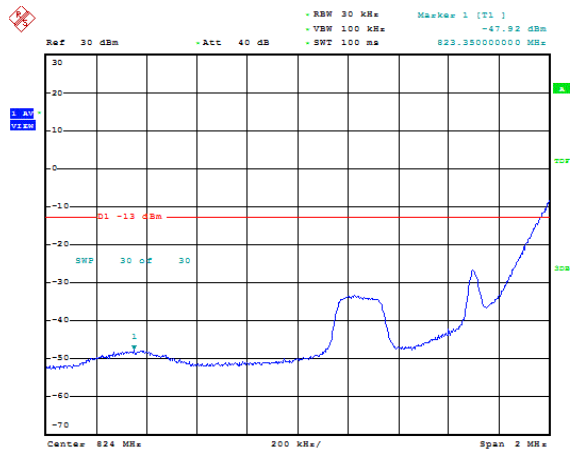
Date: 27.OCT.2020 02:46:43

Band5-1.4MHz-16QAM-20407-1RB#0



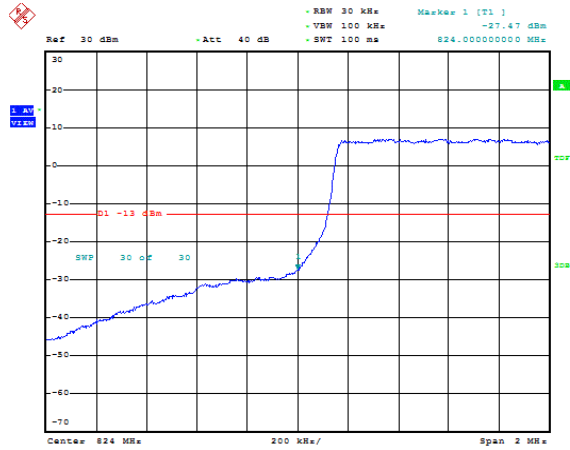
Date: 27.OCT.2020 02:45:03

Band5-1.4MHz-16QAM-20407-1RB#5



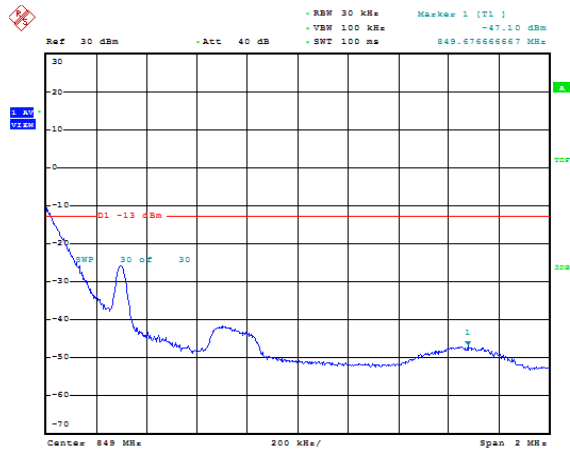
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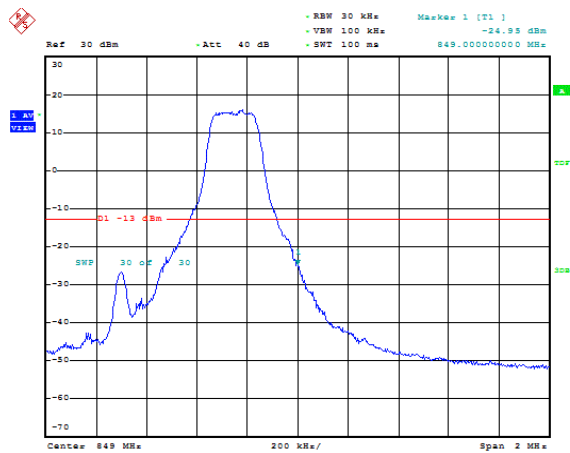
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Band5-1.4MHz-16QAM-20643-1RB#0



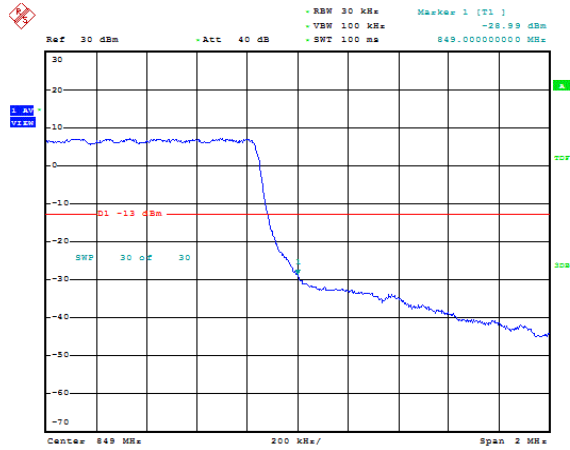
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Band5-1.4MHz-16QAM-20643-1RB#5



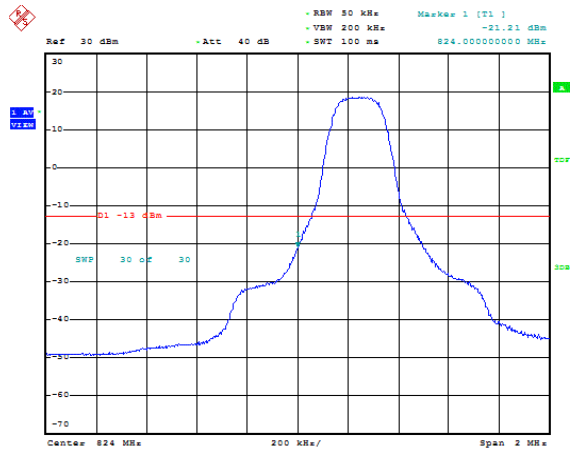
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Band5-1.4MHz-16QAM-20643-6RB#0



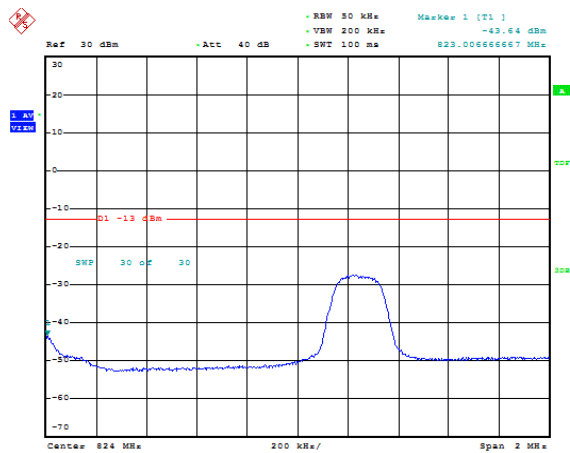
Date: 27.OCT.2020 02:46:53

Band5-3MHz-QPSK-20415-1RB#0



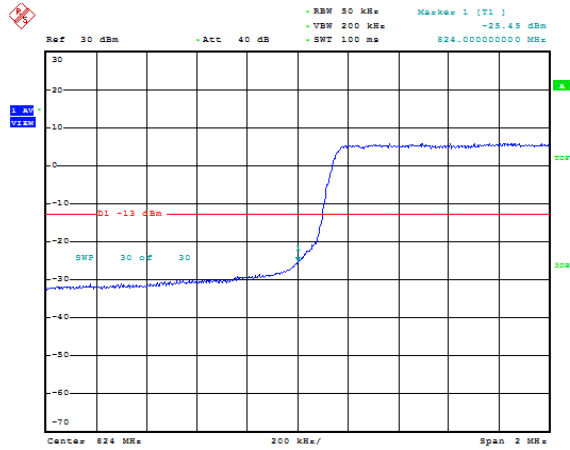
Date: 27.OCT.2020 03:02:01

Band5-3MHz-QPSK-20415-1RB#14



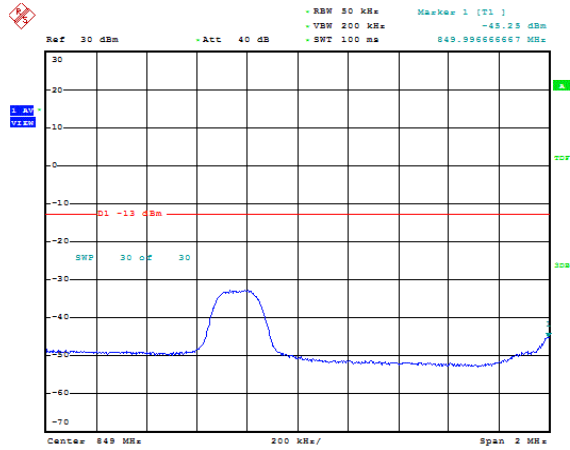
Date: 27.OCT.2020 03:02:20

Band5-3MHz-QPSK-20415-15RB#0



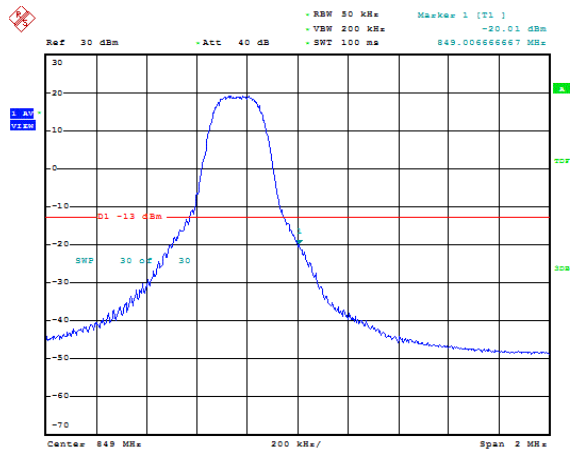
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Band5-3MHz-QPSK-20635-1RB#0



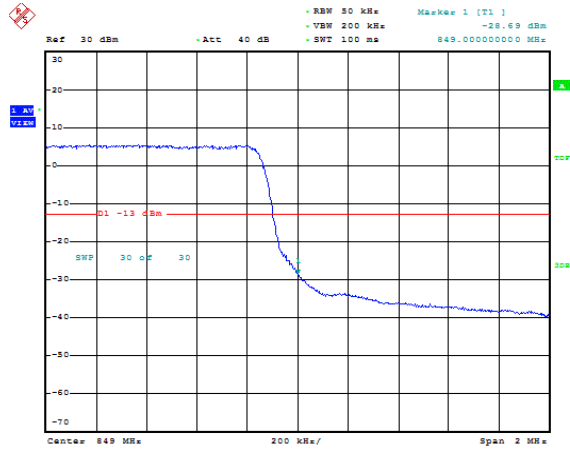
Date: 27.OCT.2020 09:09:11

Band5-3MHz-QPSK-20635-1RB#14



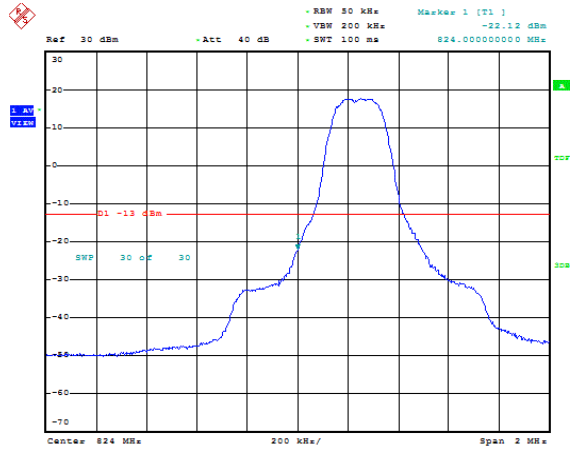
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Band5-3MHz-QPSK-20635-15RB#0



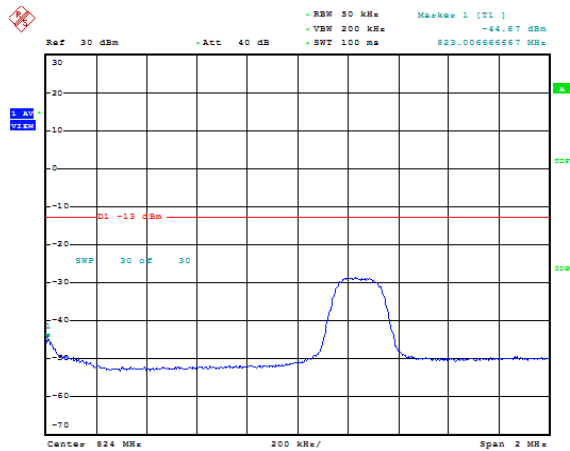
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Band5-3MHz-16QAM-20415-1RB#0



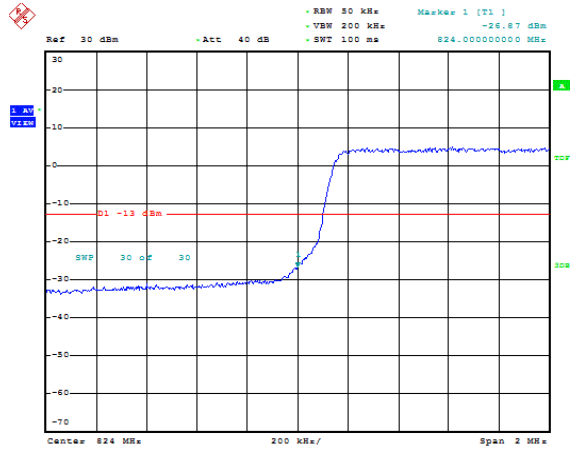
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Band5-3MHz-16QAM-20415-1RB#14



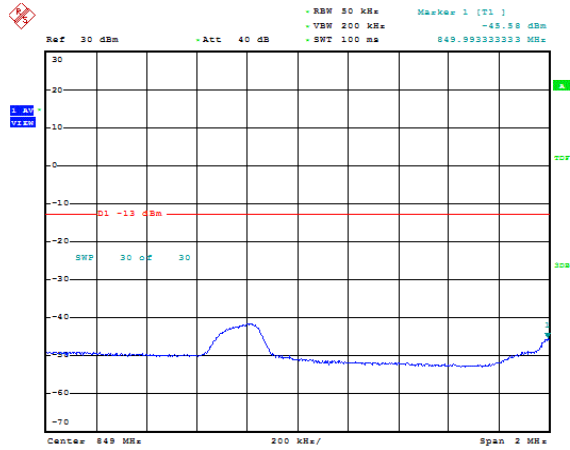
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Band5-3MHz-16QAM-20415-15RB#0



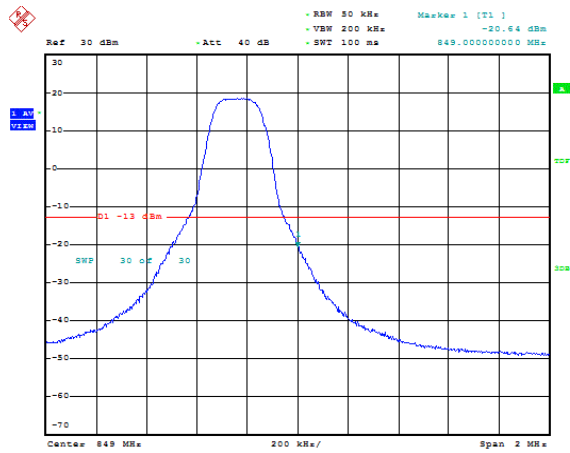
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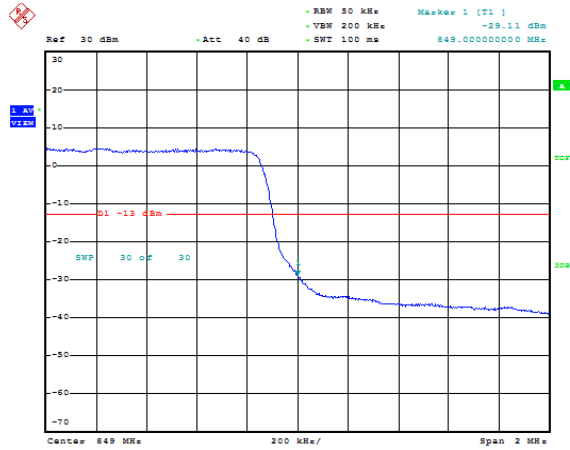
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Band5-3MHz-16QAM-20635-1RB#14



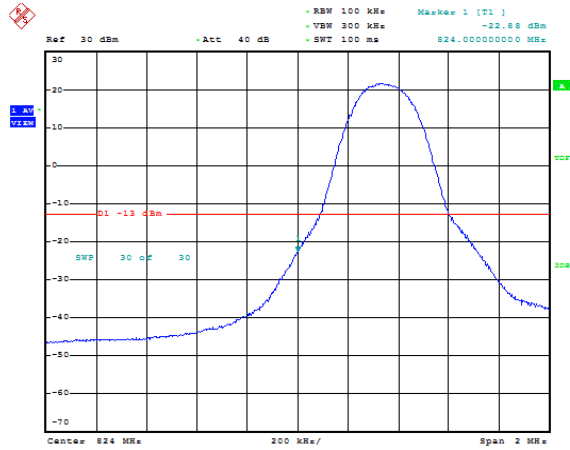
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Band5-3MHz-16QAM-20635-15RB#0



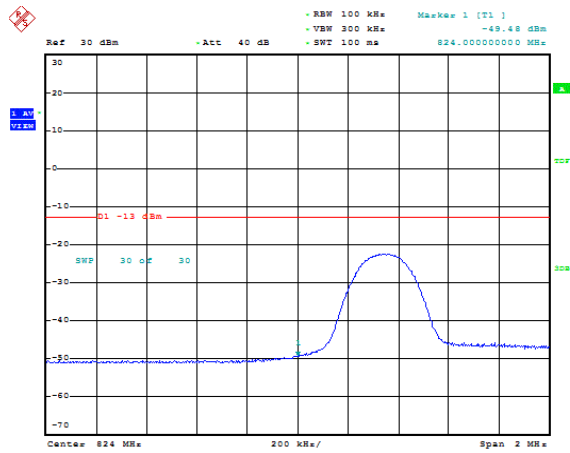
Date: 27.OCT.2020 09:09:59

Band5-5MHz-QPSK-20425-1RB#0



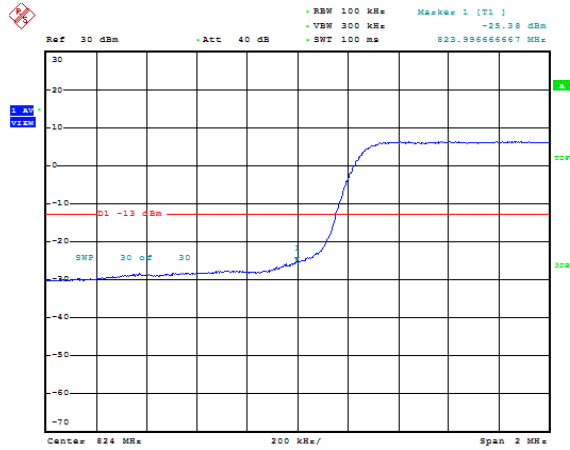
Date: 27.OCT.2020 09:17:51

Band5-5MHz-QPSK-20425-1RB#24



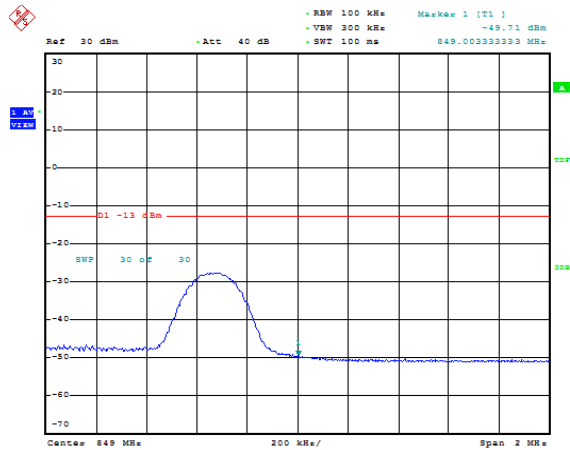
Date: 27.OCT.2020 09:18:10

Band5-5MHz-QPSK-20425-25RB#0



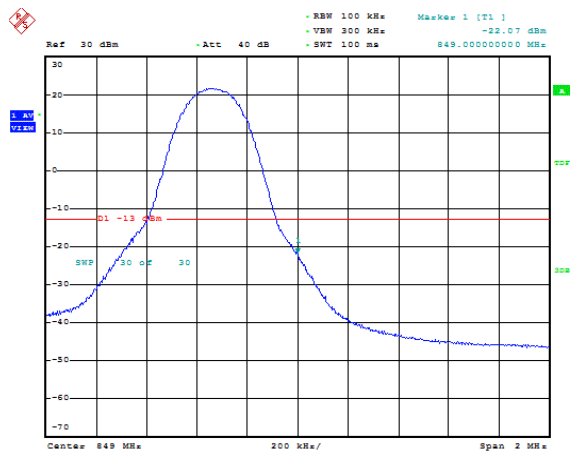
Date: 27.OCT.2020 09:18:20

Band5-5MHz-QPSK-20625-1RB#0



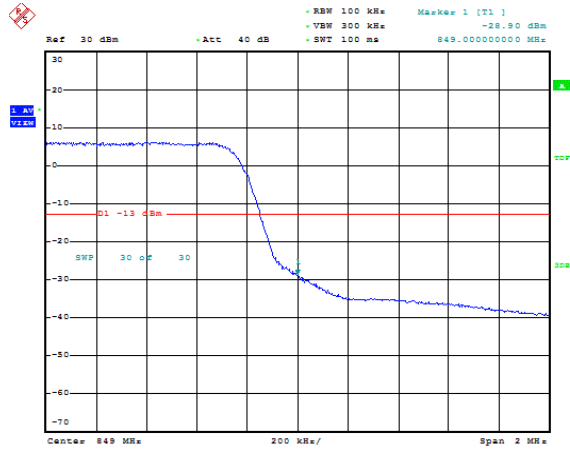
Date: 27.OCT.2020 09:19:02

Band5-5MHz-QPSK-20625-1RB#24



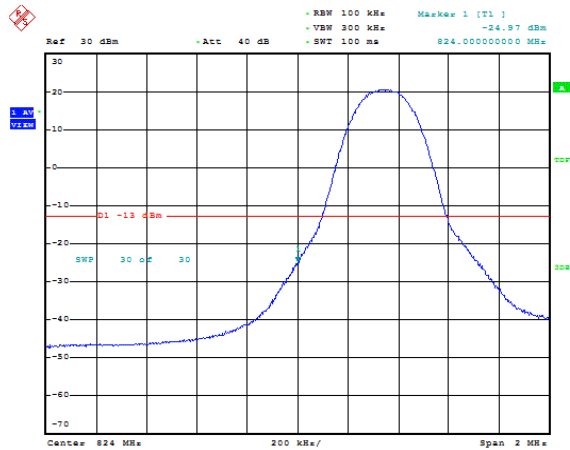
Date: 27.OCT.2020 09:19:21

Band5-5MHz-QPSK-20625-25RB#0



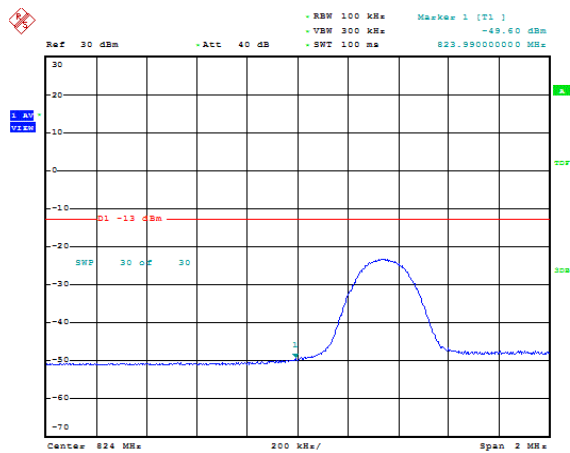
Date: 27.OCT.2020 09:19:41

Band5-5MHz-16QAM-20425-1RB#0



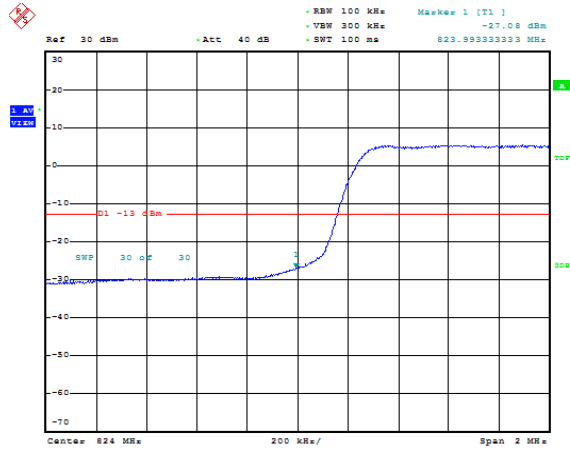
Date: 27.OCT.2020 09:18:01

Band5-5MHz-16QAM-20425-1RB#24



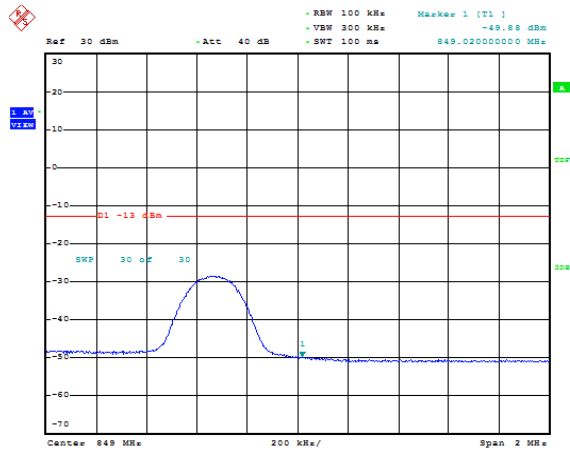
Date: 27.OCT.2020 09:18:20

Band5-5MHz-16QAM-20425-25RB#0



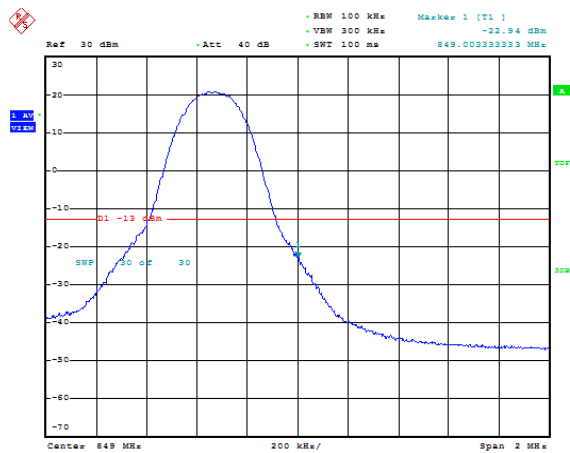
Date: 27.OCT.2020 09:18:29

Band5-5MHz-16QAM-20625-1RB#0



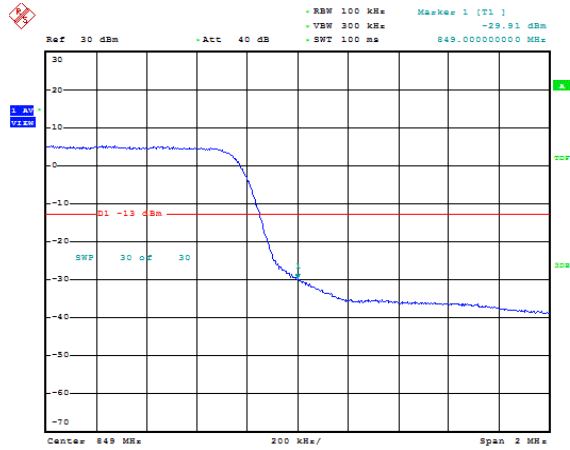
Date: 27.OCT.2020 09:19:12

Band5-5MHz-16QAM-20625-1RB#24



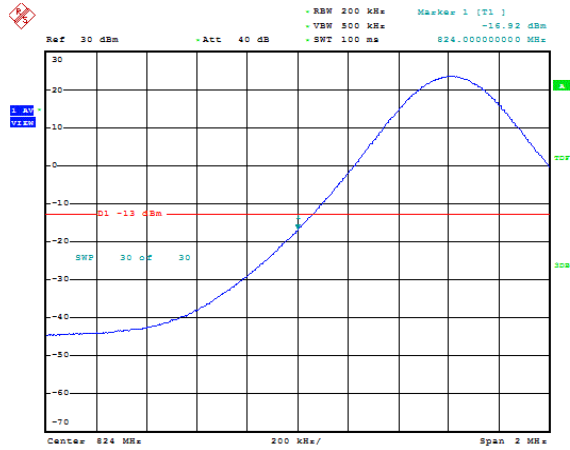
Date: 27.OCT.2020 09:19:31

Band5-5MHz-16QAM-20625-25RB#0



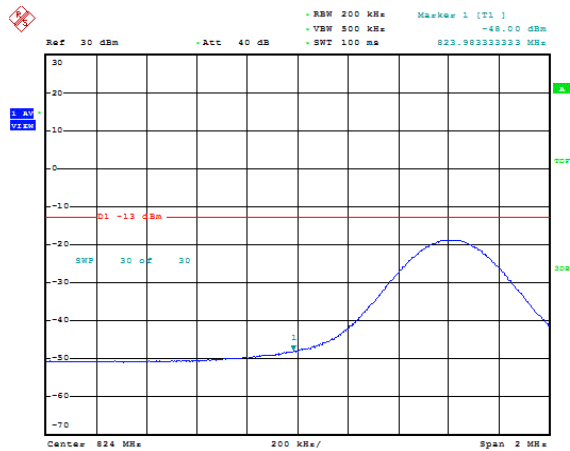
Date: 27.OCT.2020 09:19:50

Band5-10MHz-QPSK-20450-1RB#0



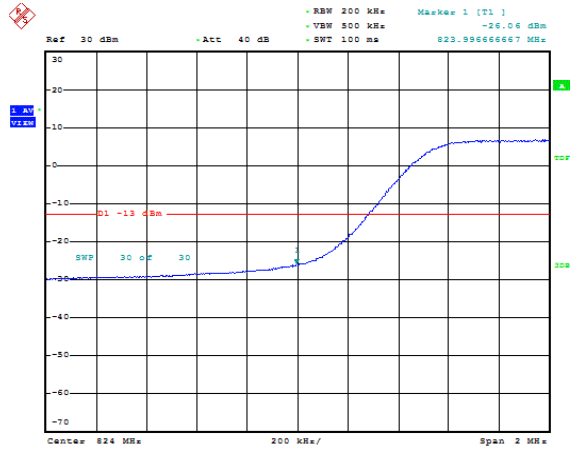
Date: 27.OCT.2020 09:22:15

Band5-10MHz-QPSK-20450-1RB#49



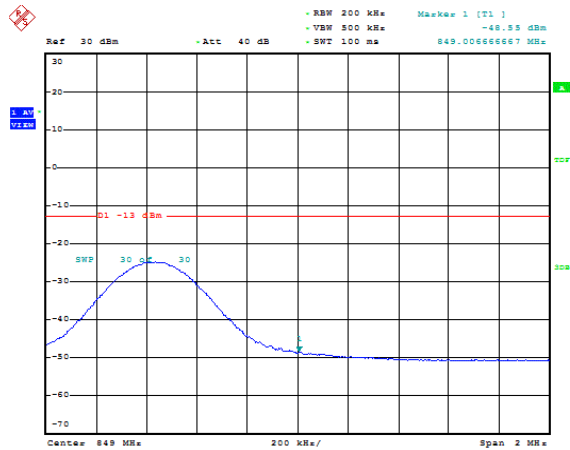
Date: 27.OCT.2020 09:22:24

Band5-10MHz-QPSK-20450-50RB#0



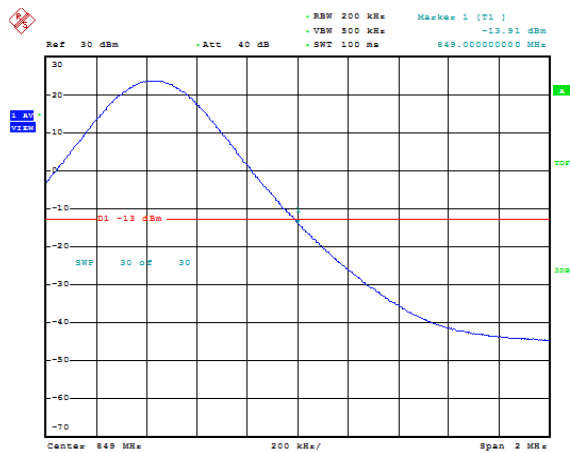
Date: 27.OCT.2020 09:32:54

Band5-10MHz-QPSK-20600-1RB#0



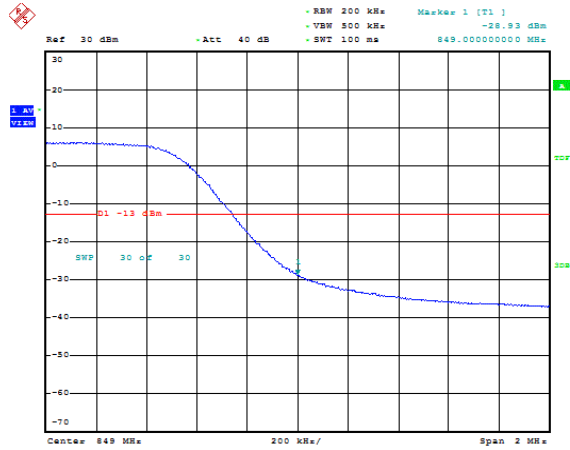
Date: 27.OCT.2020 09:34:27

Band5-10MHz-QPSK-20600-1RB#49



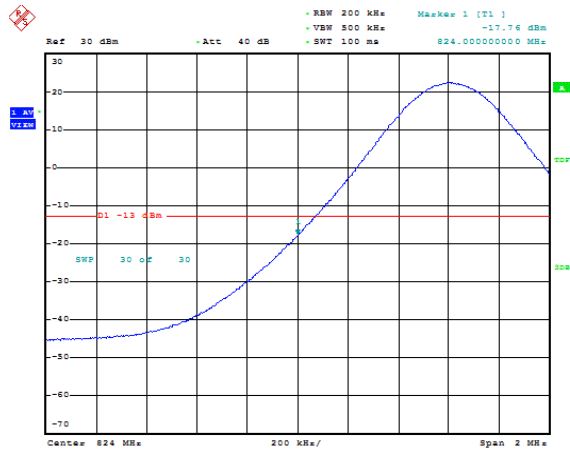
Date: 27.OCT.2020 09:34:46

Band5-10MHz-QPSK-20600-50RB#0



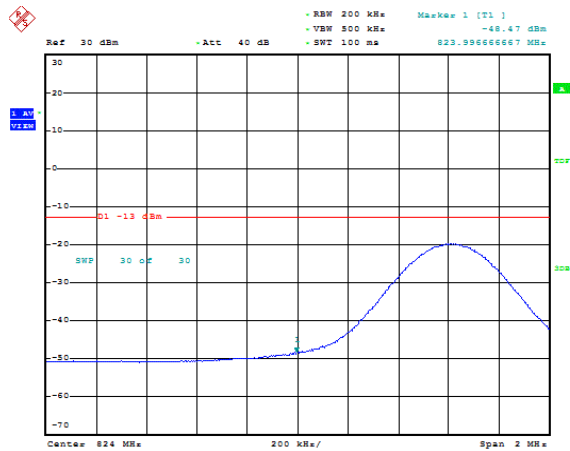
Date: 27.OCT.2020 09:35:05

Band5-10MHz-16QAM-20450-1RB#0



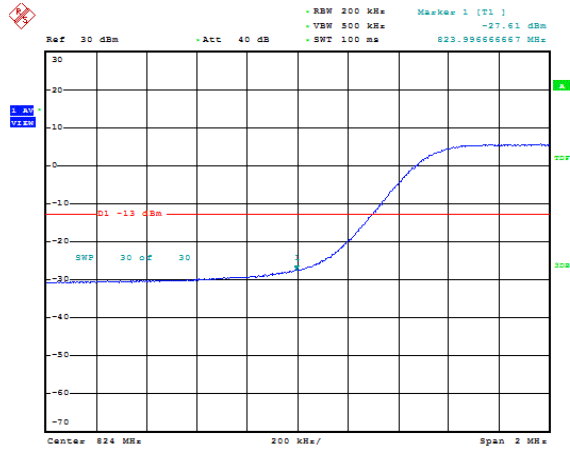
Date: 27.OCT.2020 09:38:25

Band5-10MHz-16QAM-20450-1RB#49



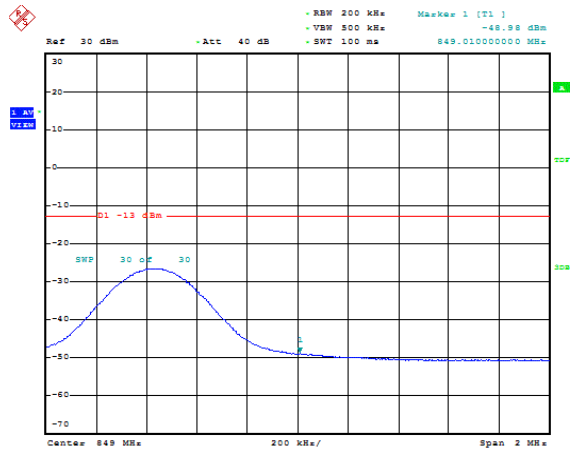
Date: 27.OCT.2020 09:39:44

Band5-10MHz-16QAM-20450-50RB#0



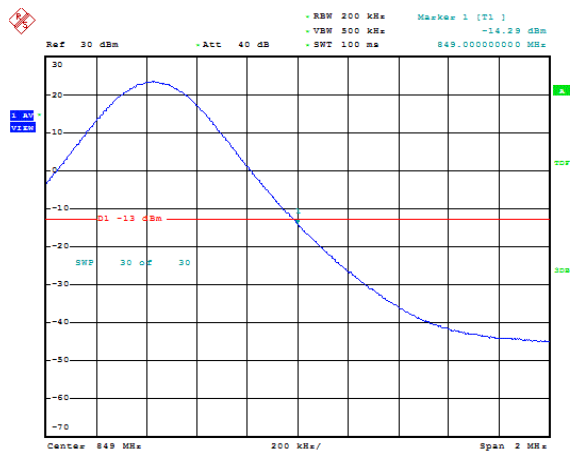
Date: 27.OCT.2020 09:34:04

Band5-10MHz-16QAM-20600-1RB#0



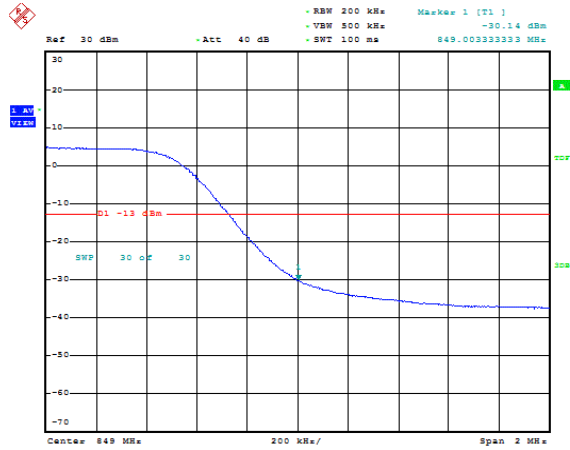
Date: 27.OCT.2020 09:34:36

Band5-10MHz-16QAM-20600-1RB#49



Date: 27.OCT.2020 09:34:55

Band5-10MHz-16QAM-20600-50RB#0



Date: 27.OCT.2020 09:35:15

1.5. Appendix E: Conducted Spurious Emission

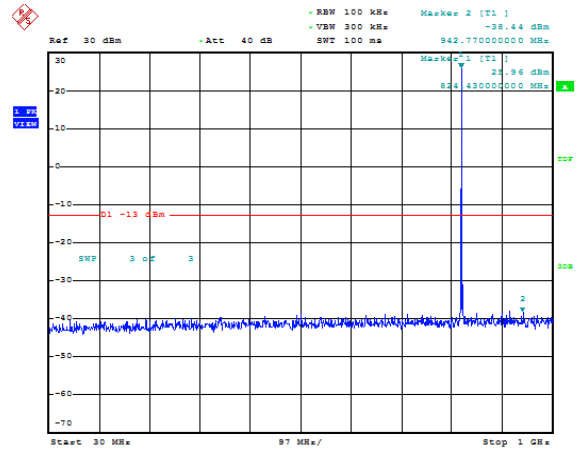
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-38.44	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.69	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-38.08	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-38.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-33.96	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.26	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.32	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-38.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-33.03	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-38.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.87	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.34	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-38.4	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-32.88	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-39.07	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-37.84	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-38.42	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-34.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-39.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-14.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-14.2	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-39.55	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-13.87	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-14.78	PASS

Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-18.32	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-39.52	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-14.33	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-39.86	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-14.65	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-15.67	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-39.69	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-14.3	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-39.66	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-17.78	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.33	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-14.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-38.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-13.35	PASS

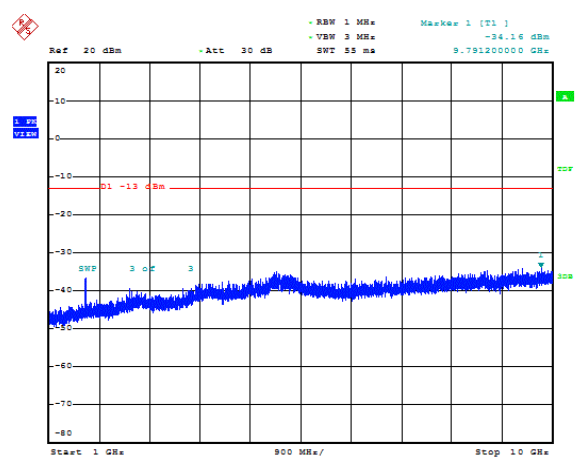
Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



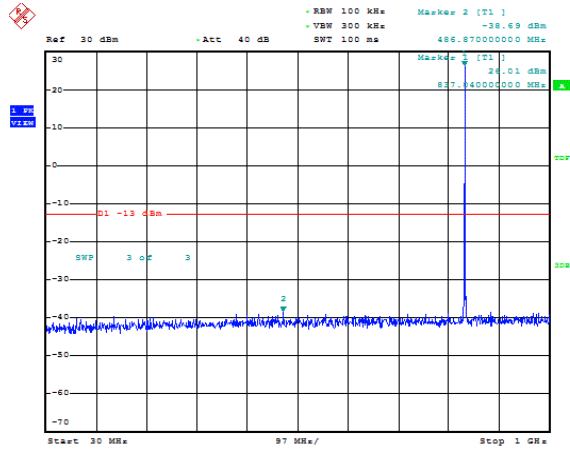
Date: 31.OCT.2020 14:31:35

Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



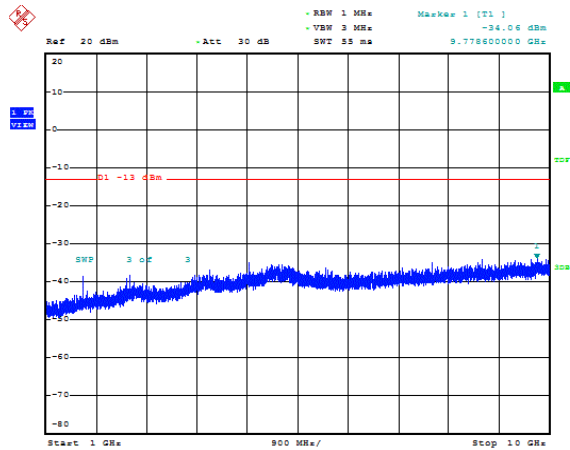
Date: 31.OCT.2020 14:31:42

Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



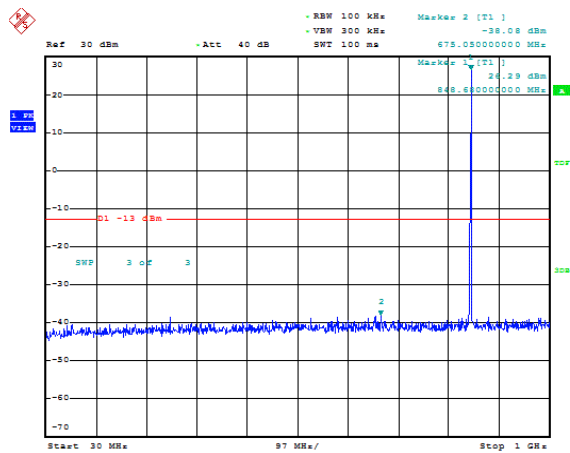
Date: 31.OCT.2020 14:32:13

Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



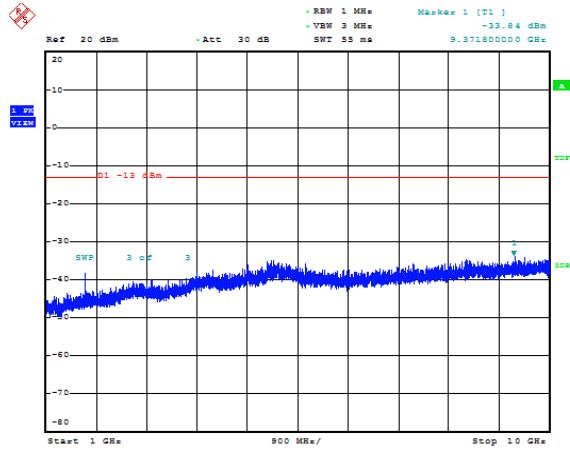
Date: 31.OCT.2020 14:32:21

Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



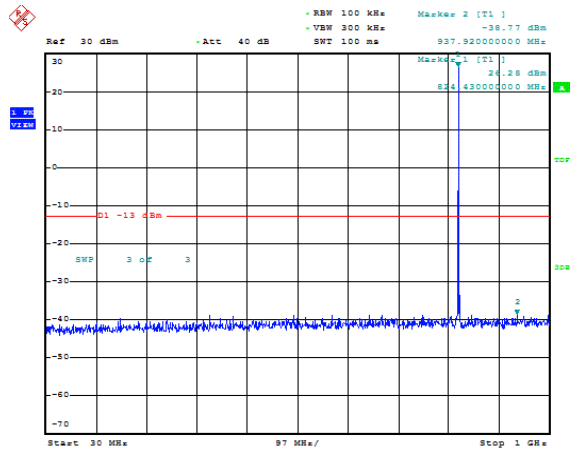
Date: 31.OCT.2020 14:32:50

Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



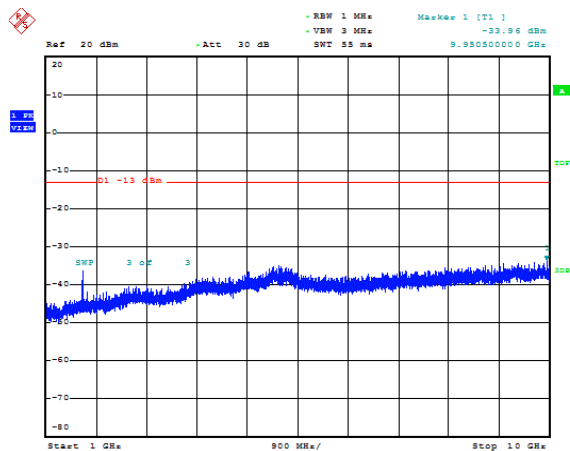
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Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



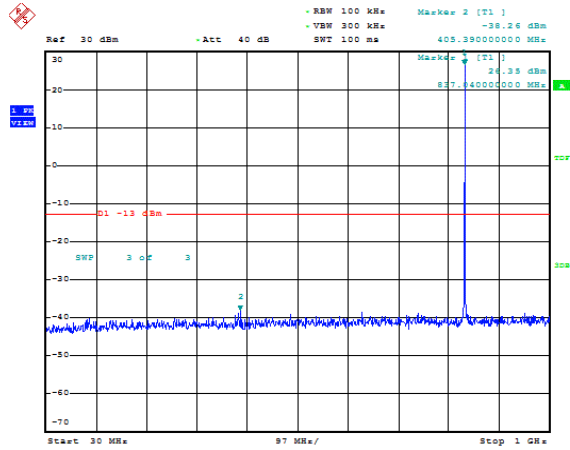
Date: 31.OCT.2020 14:31:52

Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



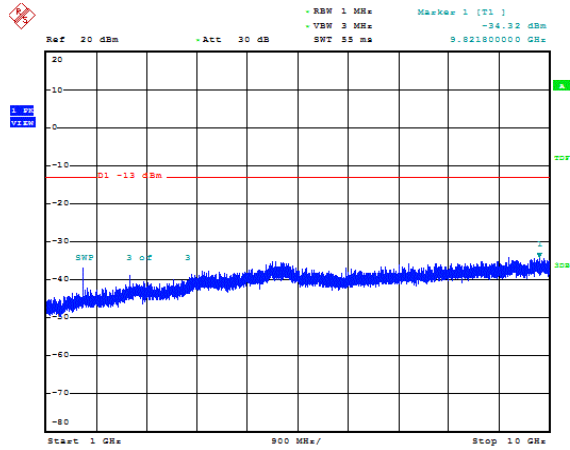
Date: 31.OCT.2020 14:32:01

Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



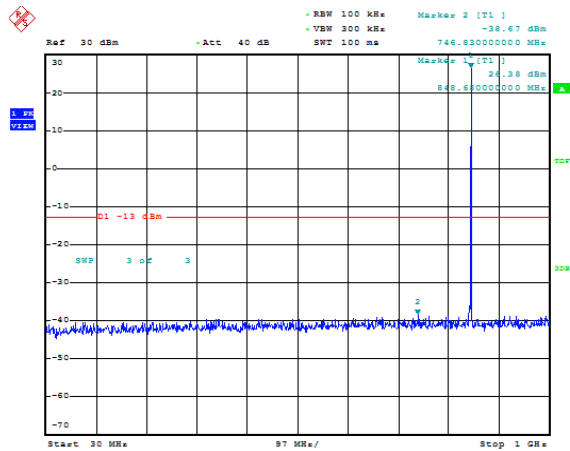
Date: 31.OCT.2020 14:32:30

Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



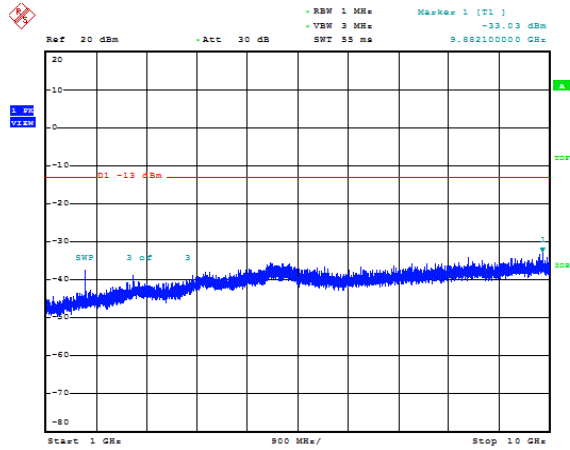
Date: 31.OCT.2020 14:32:38

Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



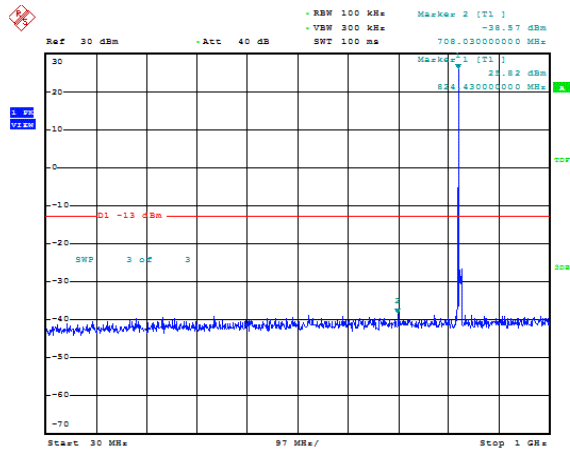
Date: 31.OCT.2020 14:33:07

Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



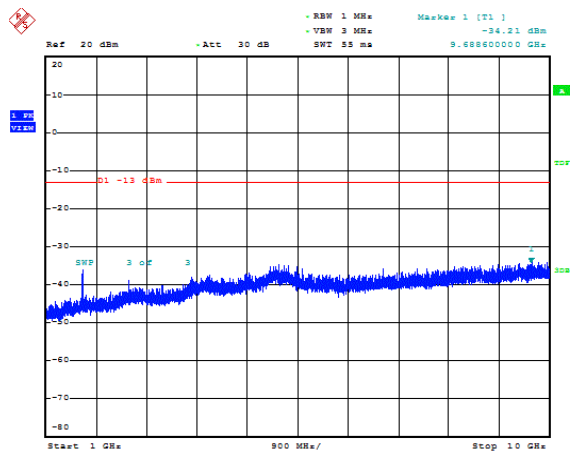
Date: 31.OCT.2020 14:33:15

Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



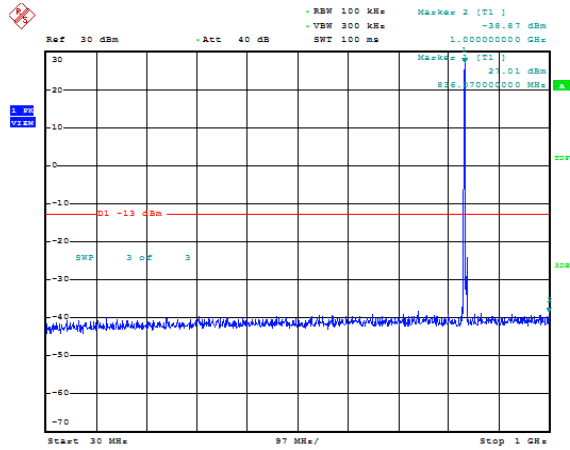
Date: 31.OCT.2020 14:36:30

Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



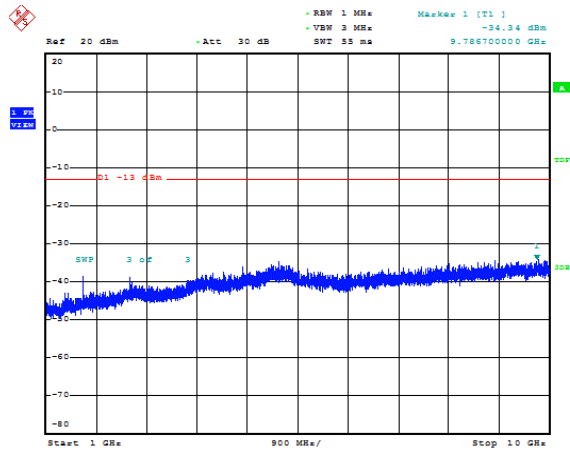
Date: 31.OCT.2020 14:36:38

Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



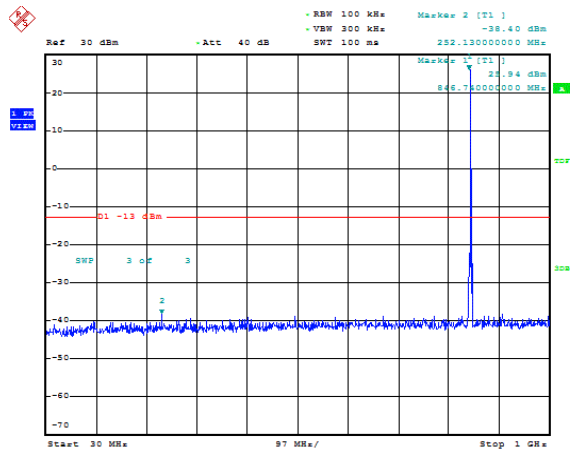
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Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



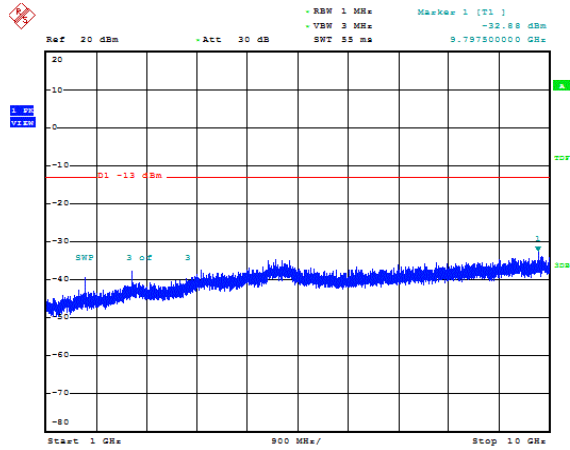
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Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



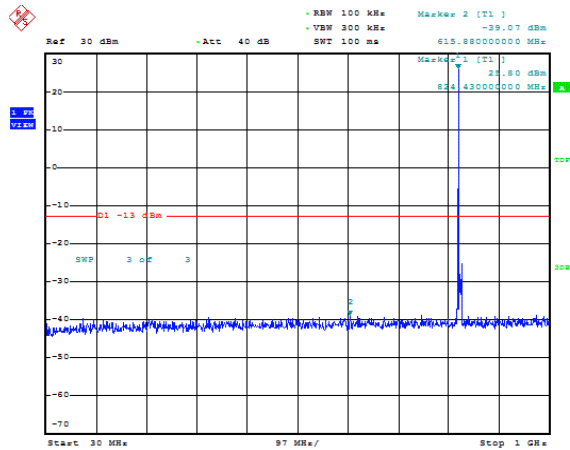
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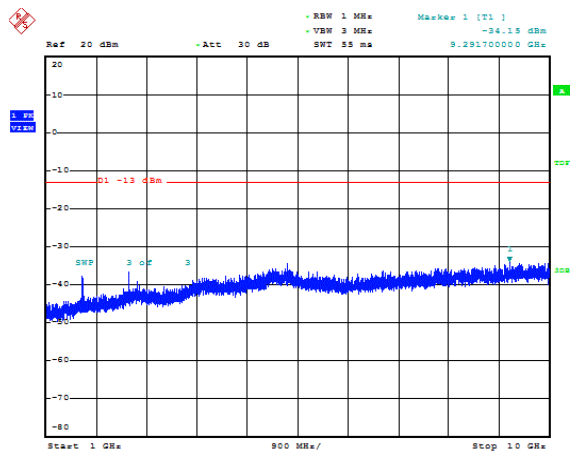
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Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



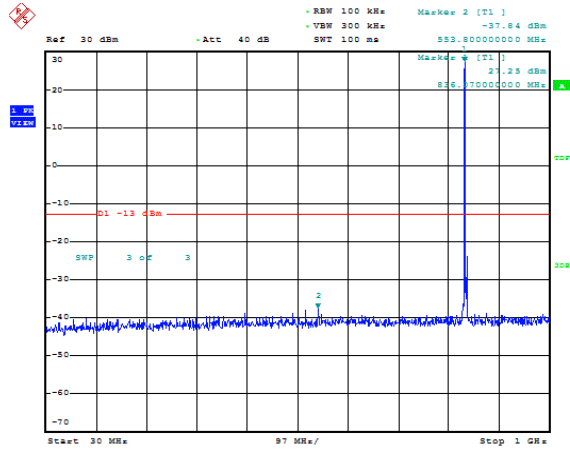
Date: 31.OCT.2020 14:36:47

Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



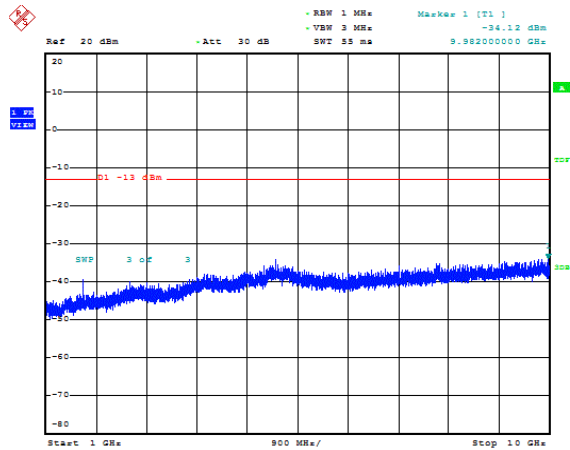
Date: 31.OCT.2020 14:36:55

Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



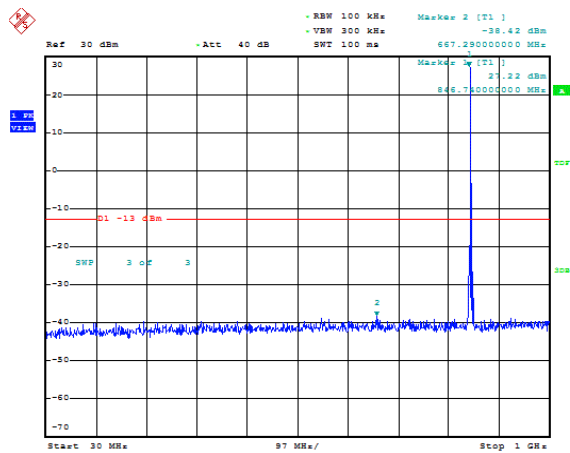
Date: 31.OCT.2020 14:37:24

Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



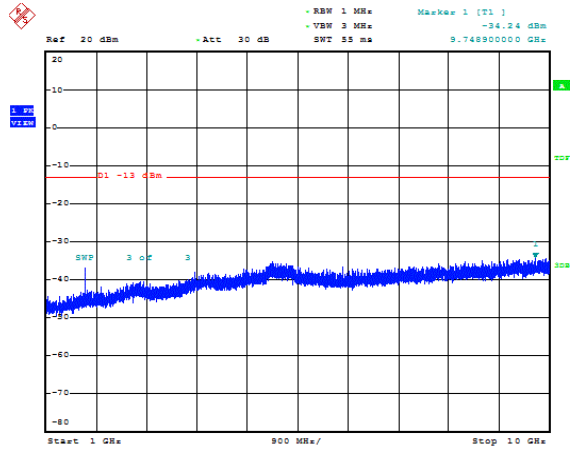
Date: 31.OCT.2020 14:37:32

Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



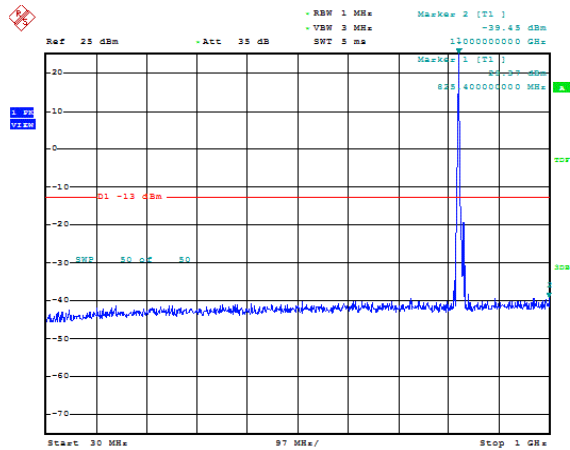
Date: 31.OCT.2020 14:38:01

Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



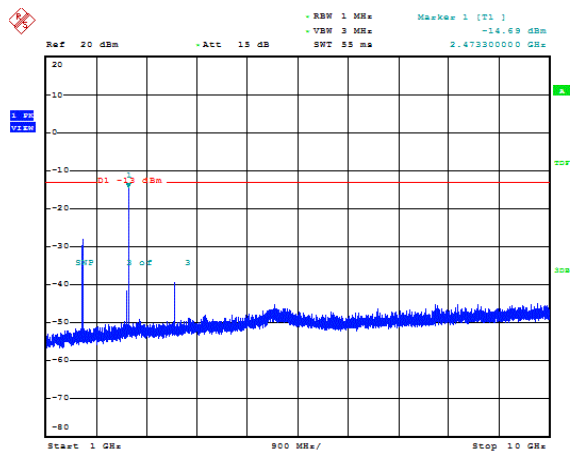
Date: 31.OCT.2020 16:38:09

Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



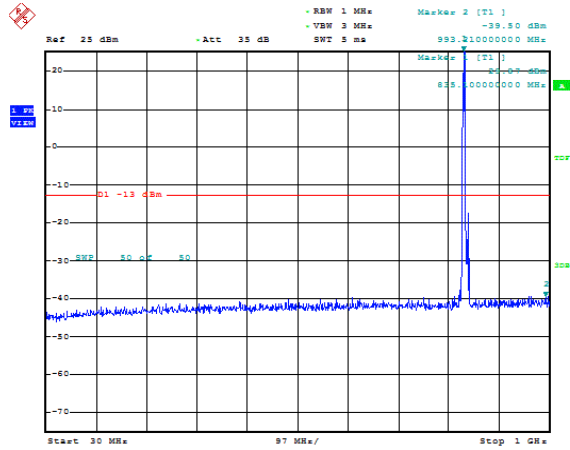
Date: 27.OCT.2020 09:20:02

Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



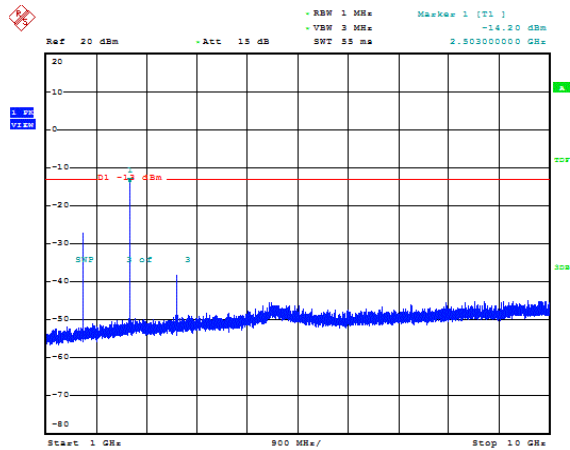
Date: 27.OCT.2020 09:20:10

Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



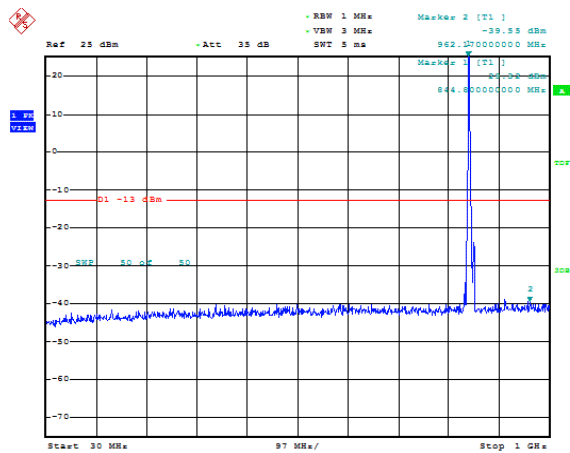
Date: 27.OCT.2020 09:20:40

Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



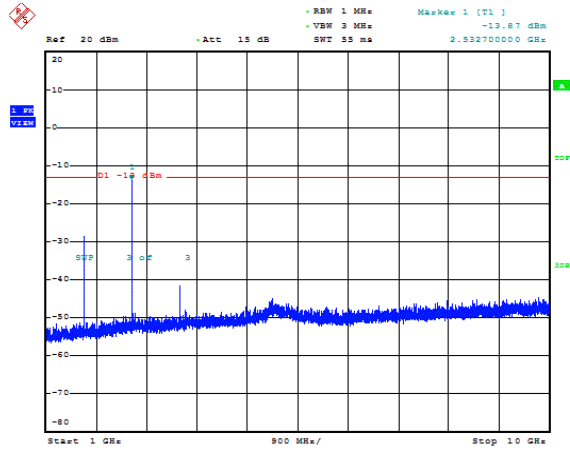
Date: 27.OCT.2020 09:20:47

Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



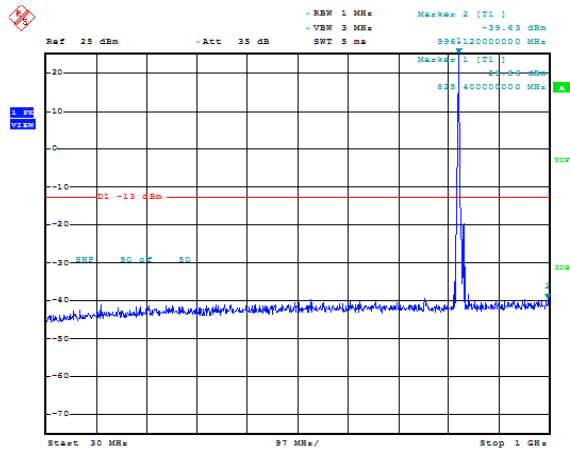
Date: 27.OCT.2020 09:21:16

Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



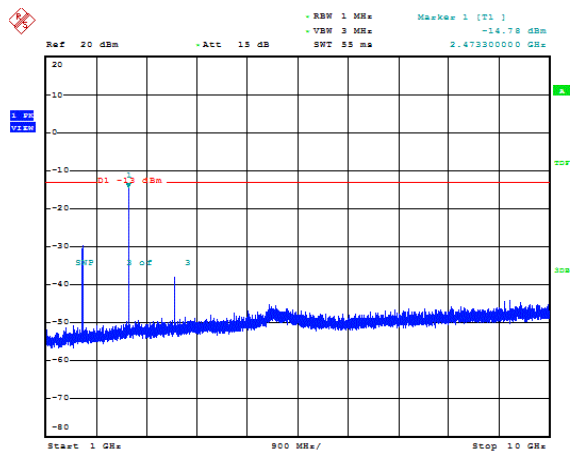
Date: 27.OCT.2020 09:21:24

Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



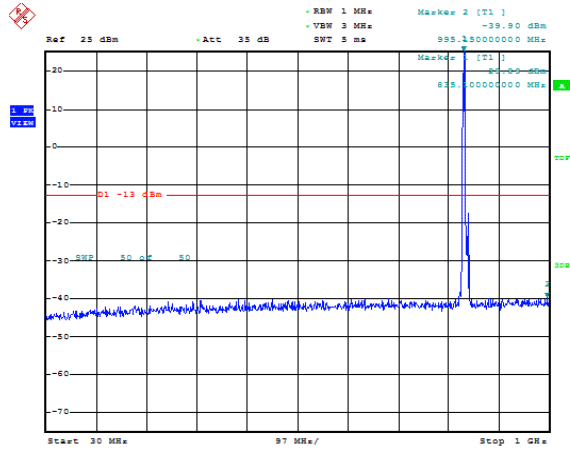
Date: 27.OCT.2020 09:20:20

Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



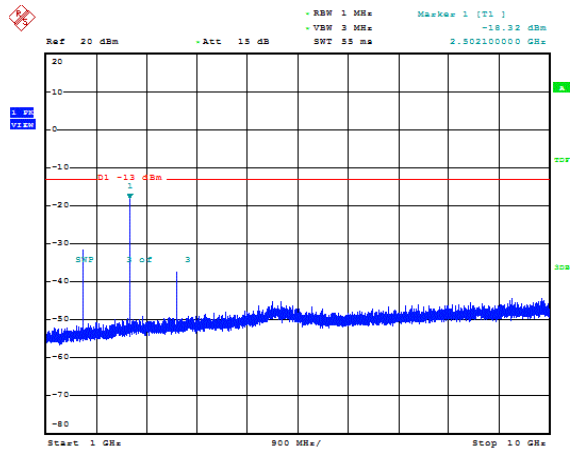
Date: 27.OCT.2020 09:20:28

Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



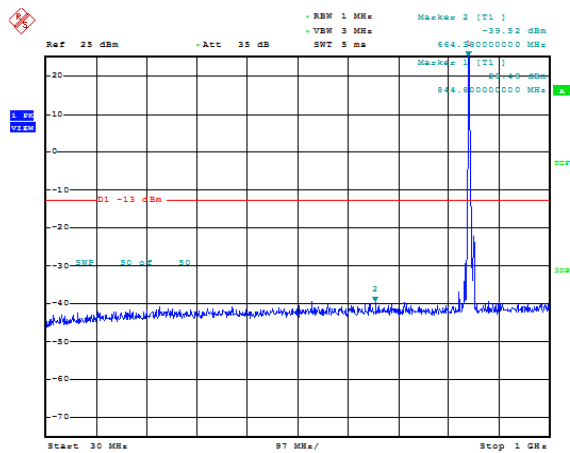
Date: 27.OCT.2020 09:20:57

Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



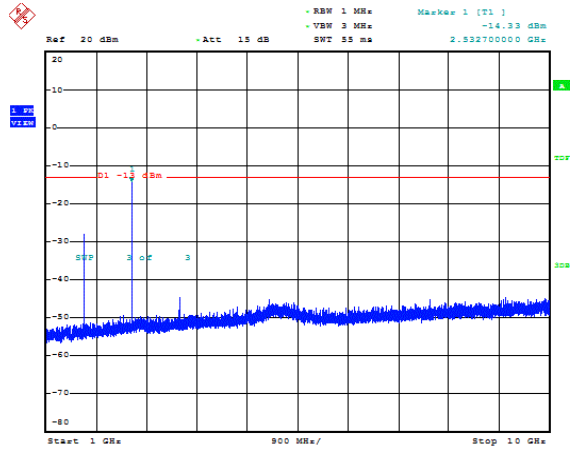
Date: 27.OCT.2020 09:21:05

Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



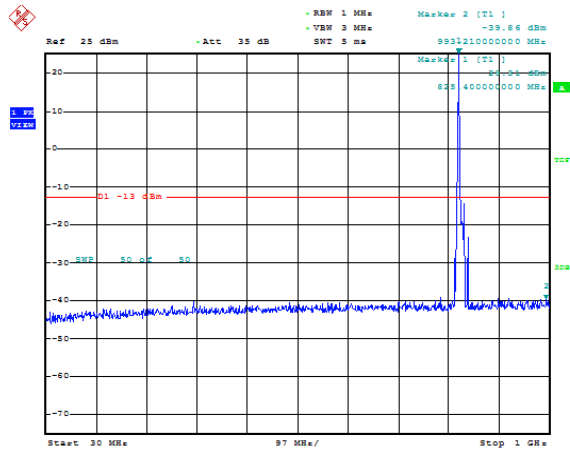
Date: 27.OCT.2020 09:21:34

Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



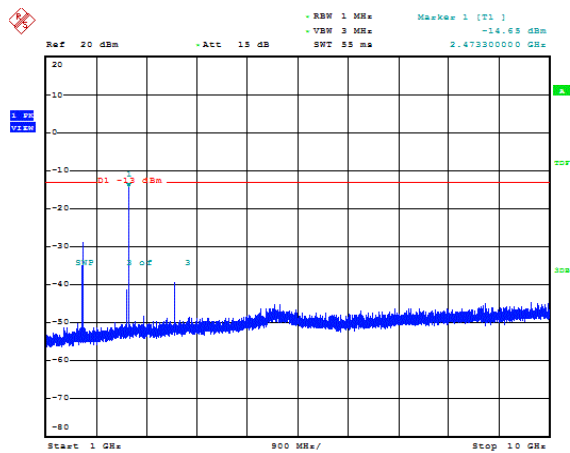
Date: 27.OCT.2020 09:21:42

Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



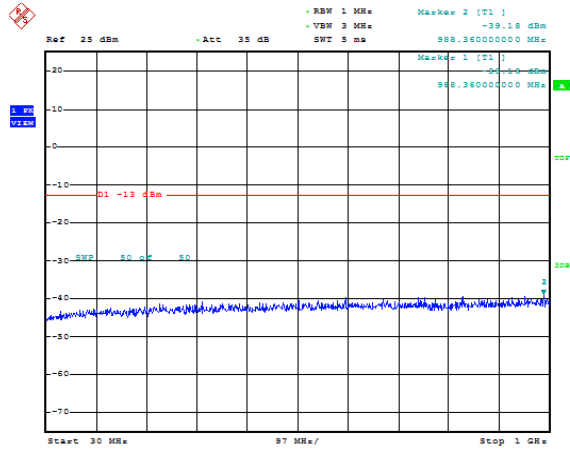
Date: 27.OCT.2020 09:35:27

Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



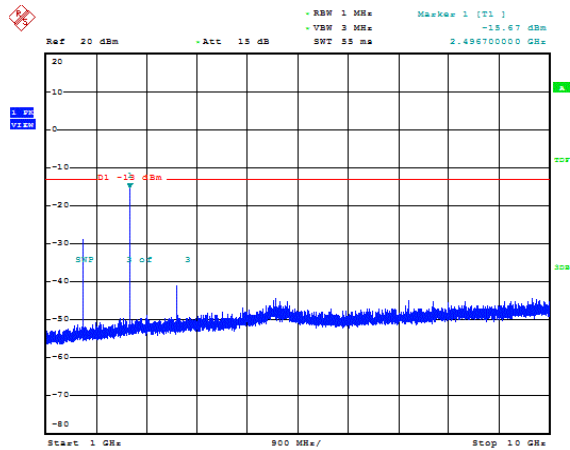
Date: 27.OCT.2020 09:35:35

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



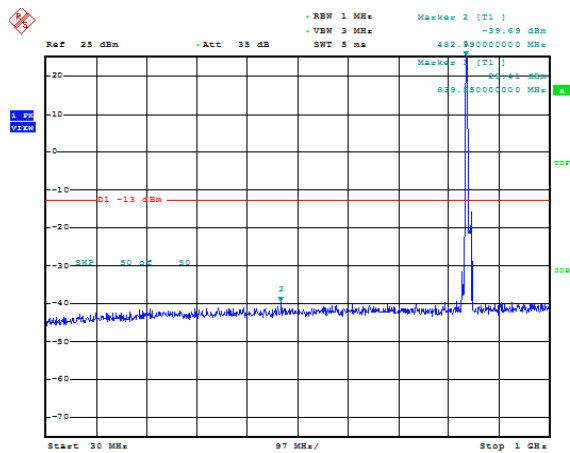
Date: 27.OCT.2020 09:36:05

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



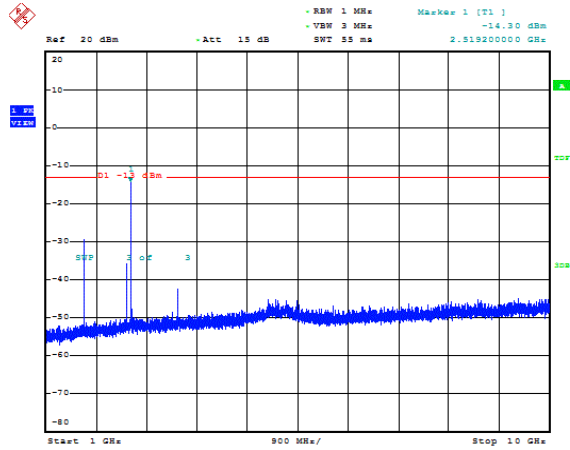
Date: 27.OCT.2020 09:36:13

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



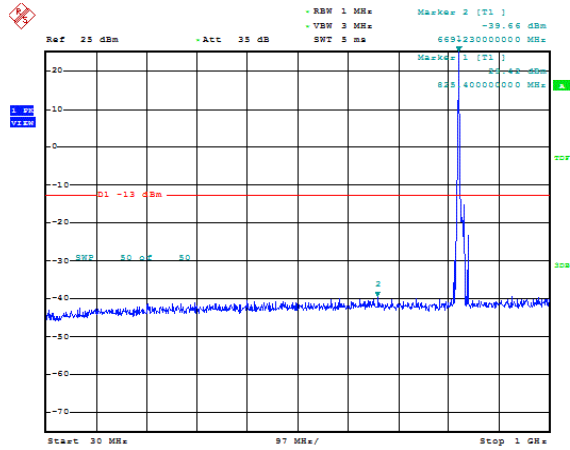
Date: 27.OCT.2020 09:36:42

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



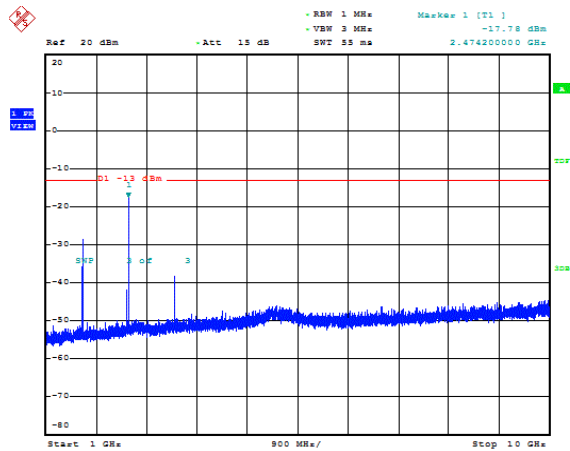
Date: 27.OCT.2020 03:36:50

Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



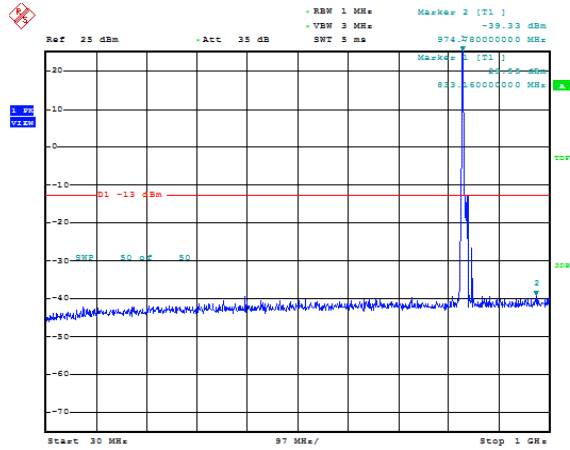
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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



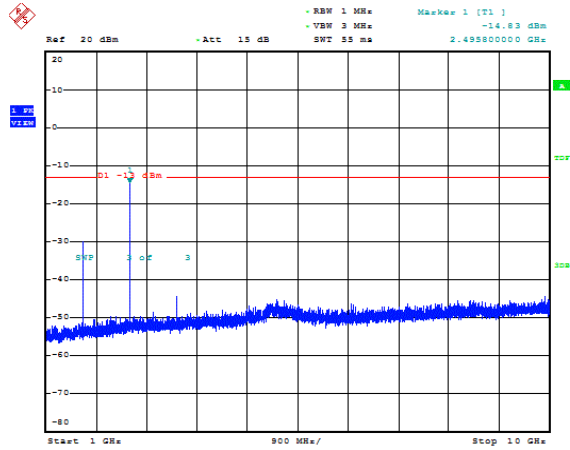
Date: 27.OCT.2020 03:35:53

Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



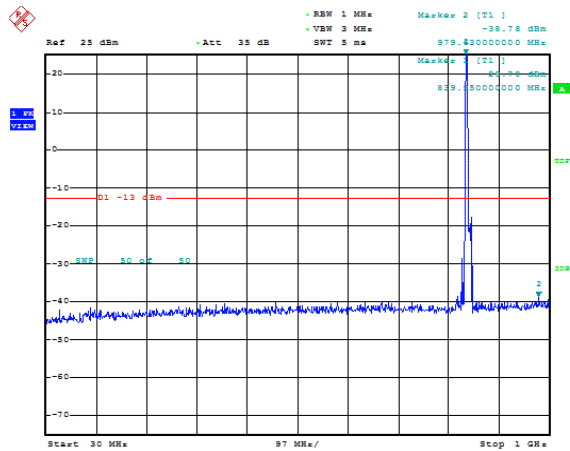
Date: 27.OCT.2020 09:36:22

Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



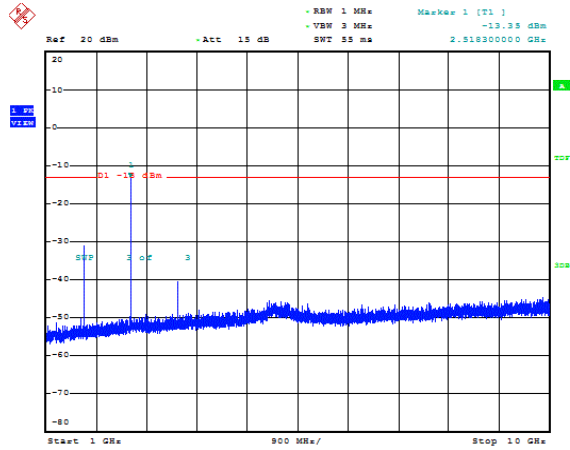
Date: 27.OCT.2020 09:36:30

Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 27.OCT.2020 09:36:59

Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 27.OCT.2020 09:37:07

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
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-2.73	-0.003310	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.47	-0.002995	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-2.07	-0.002510	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-1.34	-0.001602	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-3.79	-0.004531	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-2.16	-0.002582	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-3.95	-0.004656	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-2.03	-0.002393	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-3.39	-0.003996	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-2.62	-0.003177	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-1.93	-0.002340	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-2.93	-0.003553	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-2.72	-0.003252	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-4.03	-0.004818	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-2.88	-0.003443	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-1.56	-0.001839	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	1.87	0.002204	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-2.12	-0.002499	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	1.60	0.001938	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-3.58	-0.004337	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-3.86	-0.004676	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.65	-0.003168	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	2.33	0.002785	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-1.17	-0.001399	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-2.30	-0.002714	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-2.15	-0.002537	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.42	-0.004035	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-1.96	-0.002374	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-1.59	-0.001926	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-1.33	-0.001611	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	0.89	0.001064	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-1.97	-0.002355	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	VH	NT	1.54	0.001841	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-3.33	-0.003929	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-4.48	-0.005286	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.99	-0.004708	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	1.54	0.001863	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-1.36	-0.001645	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	1.89	0.002287	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-1.65	-0.001973	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	2.78	0.003323	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	1.26	0.001506	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-2.20	-0.002599	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.72	-0.003213	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-2.15	-0.002540	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-4.06	-0.004912	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-2.10	-0.002541	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-4.09	-0.004949	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-1.53	-0.001829	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	1.09	0.001303	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-1.09	-0.001303	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-2.33	-0.002753	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	1.82	0.002150	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-2.75	-0.003249	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	1.34	0.001616	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	2.32	0.002799	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-1.39	-0.001677	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	2.03	0.002427	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	1.60	0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.36	-0.002821	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-3.06	-0.003626	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.36	-0.002796	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.36	-0.002796	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	1.49	0.001797	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-1.56	-0.001882	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	1.26	0.001520	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.42	-0.001698	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.35	-0.002809	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-1.93	-0.002287	±2.5	PASS

Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.03	-0.002405	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.75	-0.003258	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-3.35	-0.004062	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-2.89	-0.003504	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.98	-0.003613	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	1.72	0.002086	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-1.49	-0.001807	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-2.93	-0.003553	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-1.92	-0.002328	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-2.73	-0.003264	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	1.89	0.002259	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	2.10	0.002510	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-2.00	-0.002391	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	2.30	0.002750	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-1.82	-0.002176	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	1.36	0.001626	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-2.99	-0.003525	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-2.23	-0.002629	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-2.43	-0.002865	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-3.02	-0.003560	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-2.92	-0.003442	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-2.93	-0.003454	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-1.59	-0.001874	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	1.17	0.001419	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.09	-0.003747	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-3.82	-0.004632	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.59	-0.003141	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-4.11	-0.004984	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-2.56	-0.003104	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-3.09	-0.003747	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	1.95	0.002331	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-1.89	-0.002259	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	1.72	0.002056	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	0.97	0.001160	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-2.42	-0.002893	±2.5	PASS

Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	2.90	0.003467	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-1.70	-0.002032	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	1.62	0.001910	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-2.26	-0.002664	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-1.33	-0.001568	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-1.17	-0.001379	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-2.06	-0.002428	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-2.23	-0.002629	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	3.53	0.004161	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-3.22	-0.003901	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-2.68	-0.003247	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-2.33	-0.002823	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-2.90	-0.003513	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-2.30	-0.002786	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-4.15	-0.005027	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	2.19	0.002653	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-3.39	-0.004053	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	2.37	0.002833	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-1.24	-0.001482	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.06	-0.003658	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-1.66	-0.001984	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-2.10	-0.002510	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-1.96	-0.002343	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-3.05	-0.003599	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-4.23	-0.004991	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.10	-0.003658	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.53	-0.004165	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-2.37	-0.002796	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-2.68	-0.003162	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-3.09	-0.003646	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-1.47	-0.001781	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-2.23	-0.002701	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	1.23	0.001490	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-2.15	-0.002604	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	2.39	0.002895	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	2.30	0.002786	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-1.52	-0.001841	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-1.69	-0.002020	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	0	-3.29	-0.003933	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-3.00	-0.003586	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-1.97	-0.002355	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.53	-0.003025	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	2.02	0.002415	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-2.55	-0.003048	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-1.97	-0.002324	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-2.57	-0.003032	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-2.40	-0.002832	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-2.56	-0.003021	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-2.85	-0.003363	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-3.42	-0.004035	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	1.29	0.001522	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-2.76	-0.003339	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-1.10	-0.001331	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.42	-0.004138	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-2.47	-0.002989	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-2.03	-0.002456	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-2.43	-0.002940	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-4.73	-0.005723	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-2.10	-0.002510	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-1.62	-0.001937	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	1.07	0.001279	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	1.27	0.001518	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-1.57	-0.001877	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-2.02	-0.002415	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-2.57	-0.003072	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-2.15	-0.002540	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-2.78	-0.003284	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-2.76	-0.003260	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-2.45	-0.002894	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-1.90	-0.002245	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	1.36	0.001607	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-2.98	-0.003520	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	1.69	0.002045	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-2.56	-0.003097	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-2.33	-0.002819	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-1.63	-0.001972	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	30	-5.39	-0.006521	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-4.09	-0.004949	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-3.32	-0.004017	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-2.69	-0.003216	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	2.68	0.003204	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-1.77	-0.002116	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.13	-0.002546	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-2.75	-0.003288	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-2.30	-0.002750	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	1.26	0.001506	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	-1.40	-0.001654	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-2.55	-0.003012	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-2.22	-0.002623	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-2.53	-0.002989	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	2.20	0.002599	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	1.63	0.001926	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-3.98	-0.004702	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-2.83	-0.003414	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-1.83	-0.002207	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.75	-0.003317	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.46	-0.004174	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.23	-0.002690	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-1.37	-0.001638	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.66	-0.003180	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.18	-0.003802	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	1.65	0.001973	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.75	-0.002092	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.95	-0.002331	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-2.23	-0.002642	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-1.76	-0.002085	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-2.68	-0.003175	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-1.99	-0.002358	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	0.86	0.001019	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.83	-0.004538	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-2.27	-0.002690	±2.5	PASS

Band5	10MHz	16QAM	20450	50RB#0	NV	-10	1.37	0.001653	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	2.60	0.003136	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	2.00	0.002413	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	2.20	0.002654	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	1.87	0.002256	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.62	-0.001954	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-2.52	-0.003040	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-1.97	-0.002355	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	1.13	0.001351	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-1.19	-0.001423	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	1.77	0.002116	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-2.85	-0.003407	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	2.19	0.002618	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-1.69	-0.002020	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-2.50	-0.002962	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-2.26	-0.002678	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-2.12	-0.002512	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.93	-0.002287	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-1.49	-0.001765	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-1.57	-0.001860	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-1.99	-0.002358	±2.5	PASS

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