



Appendix F: Test Data for E-UTRA Band 5

Product Name: 6.5-inch 4G Smart Phone

Trade Mark: LOGIC, iSWAG, UNONU

Test Model: L65

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan



F.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	21.28	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.27	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.29	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.01	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.71	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.72	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.83	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.82	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.44	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.39	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.32	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.39	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.34	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	20.98	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.84	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.72	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.56	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.06	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.26	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.54	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.48	PASS



Band5	1.4MHz	16QAM	20525	3RB#1	20.48	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.87	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.76	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.66	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.54	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.49	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.46	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.47	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.38	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.26	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.96	PASS
Band5	3MHz	QPSK	20415	8RB#7	20.80	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.78	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.92	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.90	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.15	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.82	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.80	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.84	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.87	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.47	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.54	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.53	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.43	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.48	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.46	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.56	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.51	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.49	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.38	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.37	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.36	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.31	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.26	PASS



Band5	3MHz	16QAM	20525	1RB#0	21.29	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.27	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.52	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.48	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.40	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.49	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.37	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.34	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.90	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.86	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.75	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.63	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.59	PASS
Band5	5MHz	QPSK	20425	1RB#0	21.16	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.32	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.46	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.35	PASS
Band5	5MHz	QPSK	20425	12RB#6	20.33	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.42	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.36	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.90	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.95	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.85	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.85	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.80	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.92	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.88	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.32	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.74	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.38	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.91	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.97	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.34	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.51	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.33	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.95	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.71	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.61	PASS



Band5	5MHz	16QAM	20425	12RB#0	20.50	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.49	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.33	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.75	PASS
Band5	5MHz	16QAM	20525	1RB#12	20.82	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.78	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.37	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.81	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.76	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.37	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.73	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.39	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.65	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.57	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.37	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.33	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.54	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.81	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	21.26	PASS
Band5	10MHz	QPSK	20450	25RB#0	20.35	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.37	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.57	PASS
Band5	10MHz	QPSK	20450	50RB#0	20.62	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.81	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.03	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.09	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.79	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.74	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.81	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.87	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.70	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.74	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.31	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.24	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.54	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.28	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.73	PASS



Band5	10MHz	16QAM	20450	1RB#49	20.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.90	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.75	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.66	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.88	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.88	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.56	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.17	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.39	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.66	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.57	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.85	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.82	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.37	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.48	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.46	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.98	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.88	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.73	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.63	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.57	PASS



F.2 Peak-to-Average Ratio(CCDF)

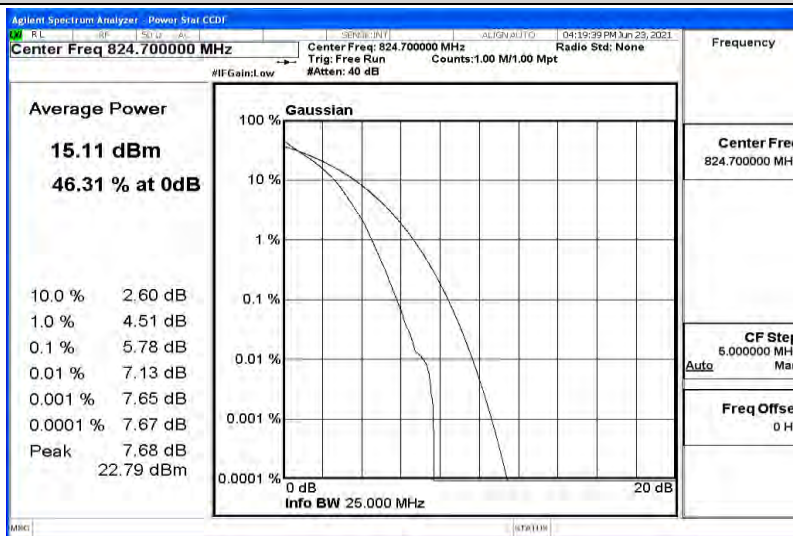
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.78	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.91	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.70	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.56	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.19	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	6.38	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	6.57	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	6.45	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.44	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.65	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.43	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.49	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.89	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.53	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.19	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.57	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.23	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.50	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.89	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.49	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.30	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.55	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.18	13	PASS

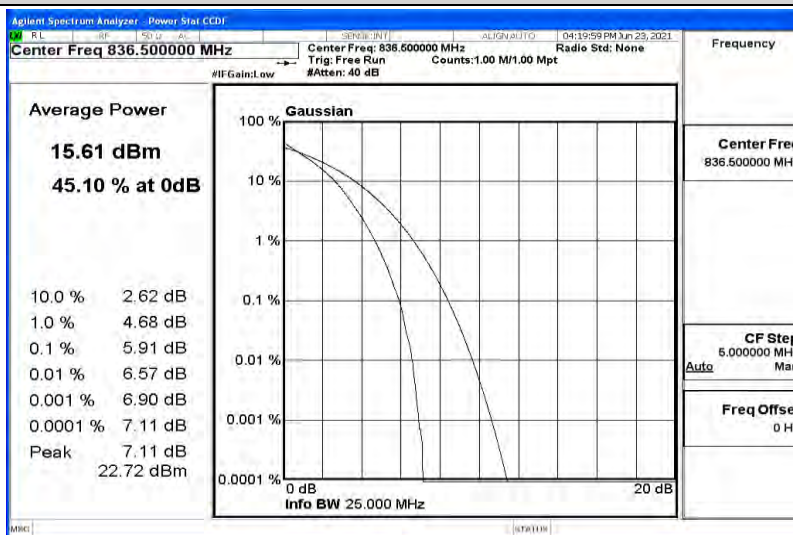


Test Graphs

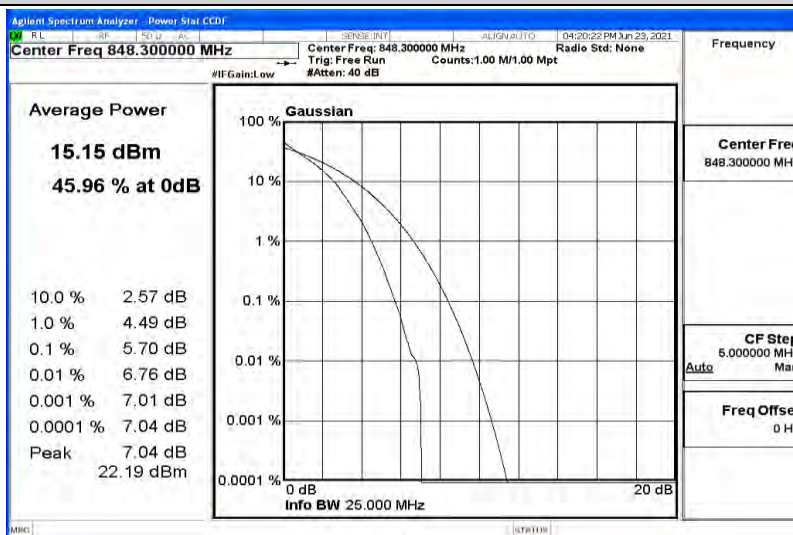
Band5-1.4MHz-QPSK-20407-6RB#0



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

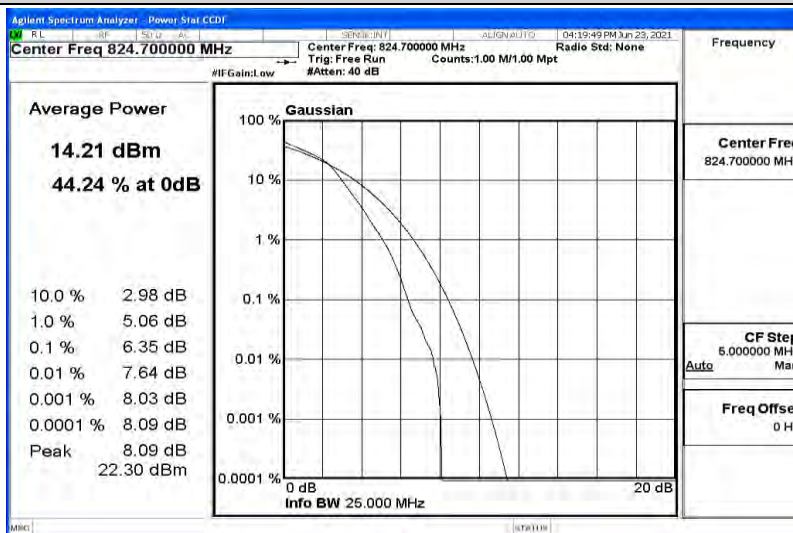


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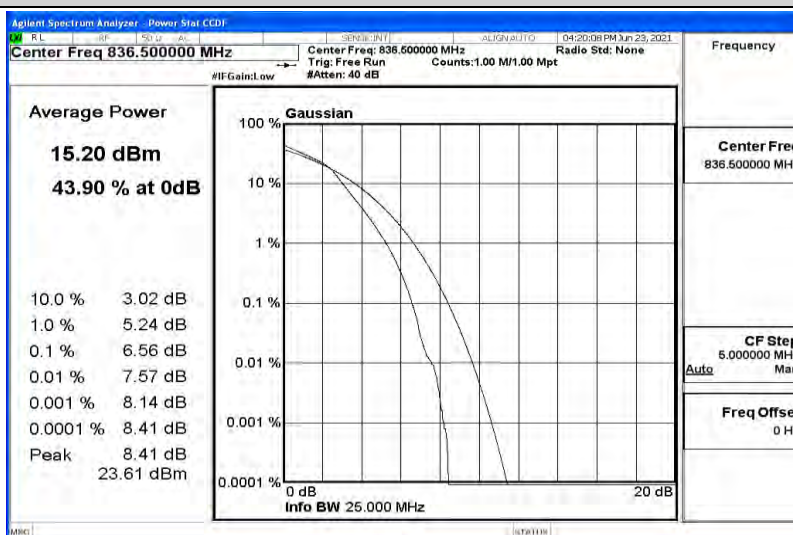




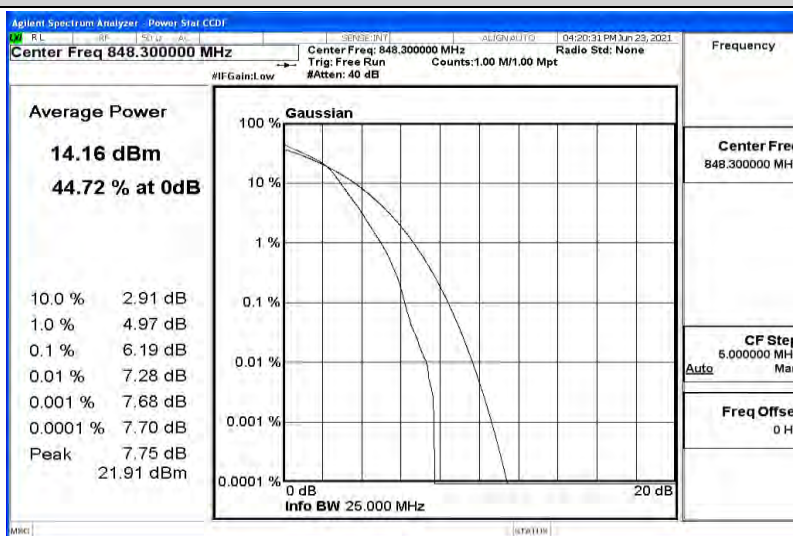
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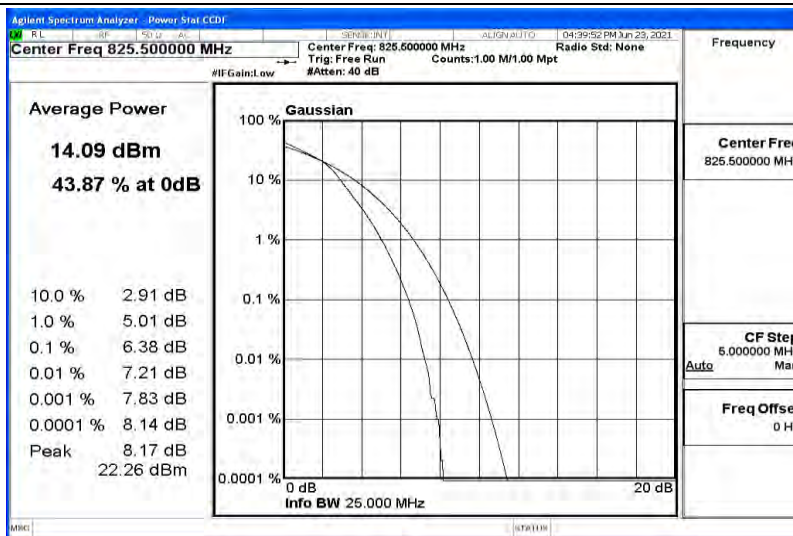
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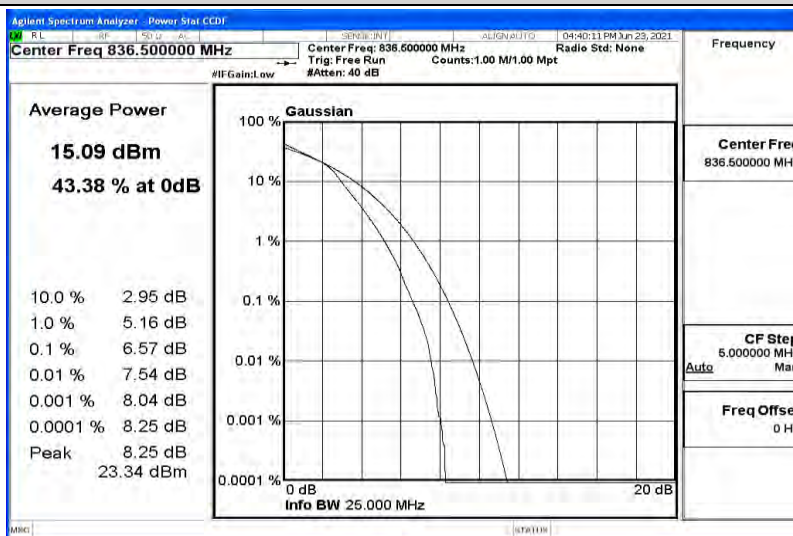
Band5-1.4MHz-16QAM-20643-6RB#0



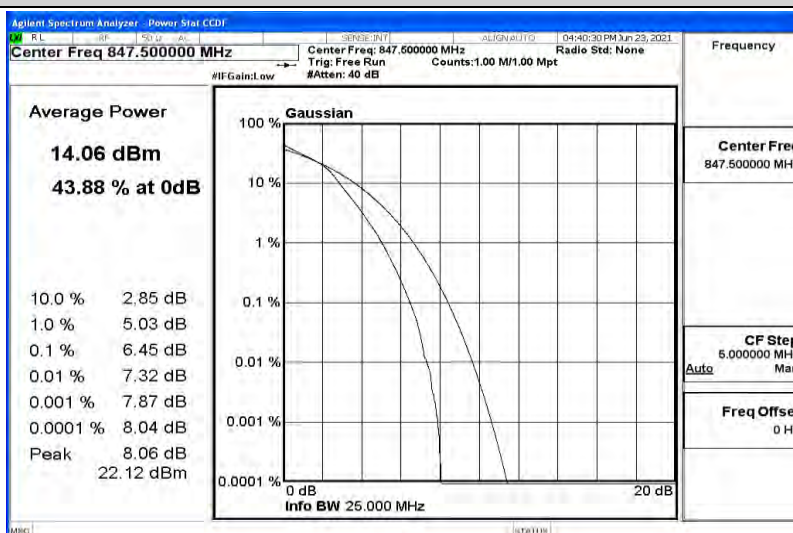
Band5-3MHz-QPSK-20415-15RB#0



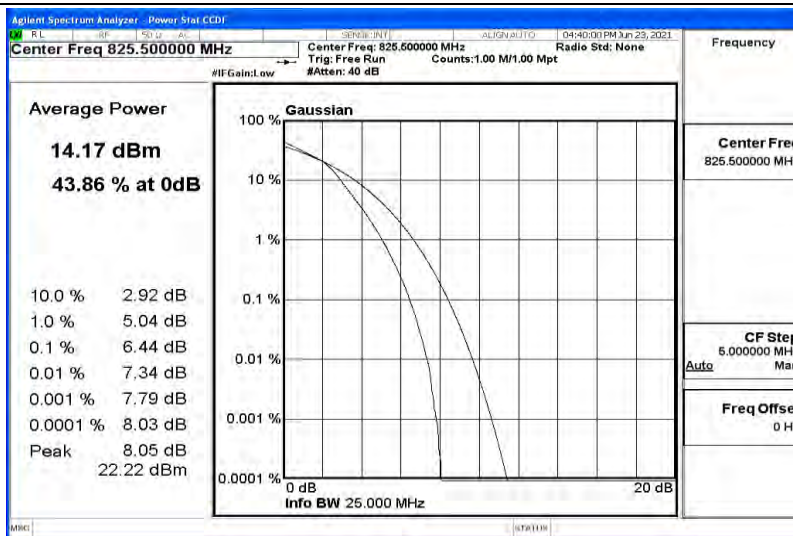
Band5-3MHz-QPSK-20525-15RB#0



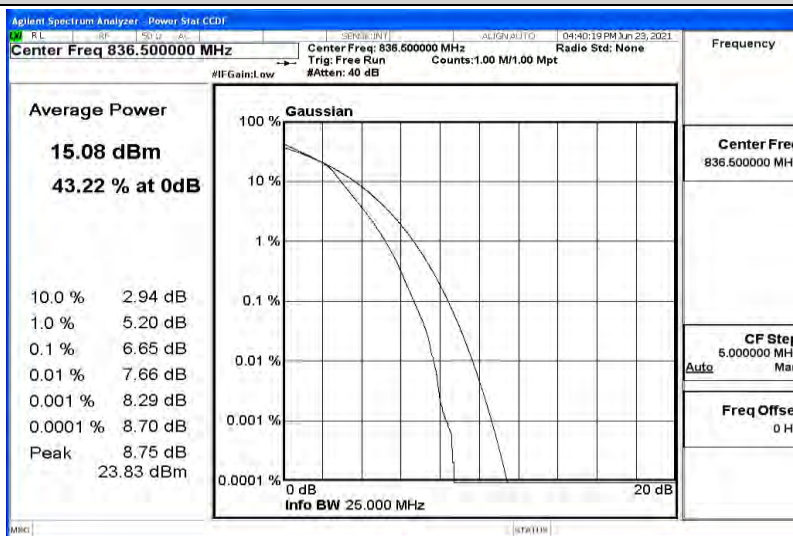
Band5-3MHz-QPSK-20635-15RB#0



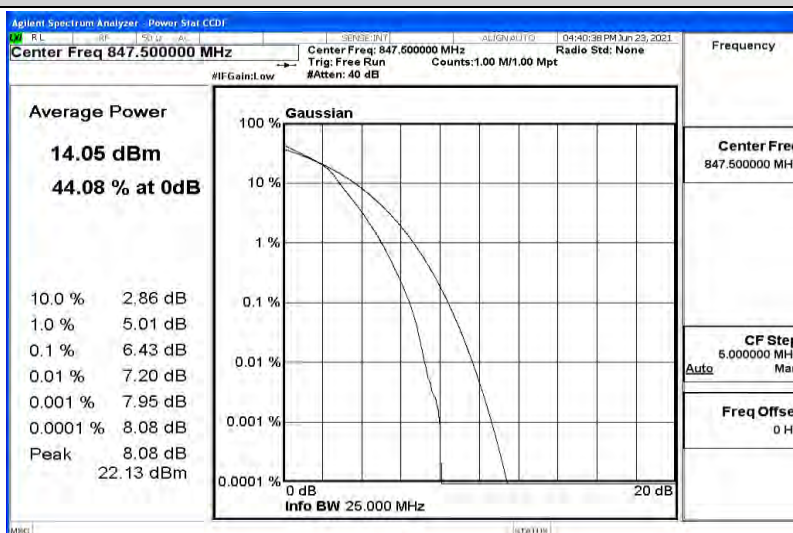
Band5-3MHz-16QAM-20415-15RB#0



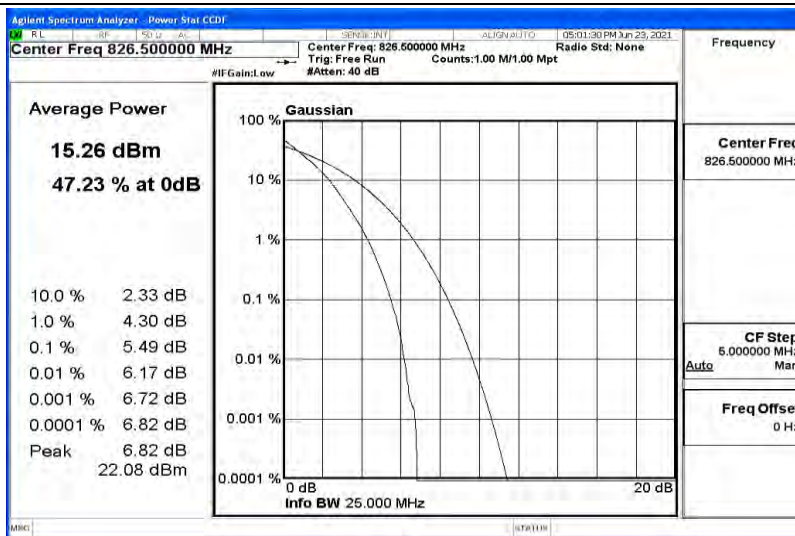
Band5-3MHz-16QAM-20525-15RB#0



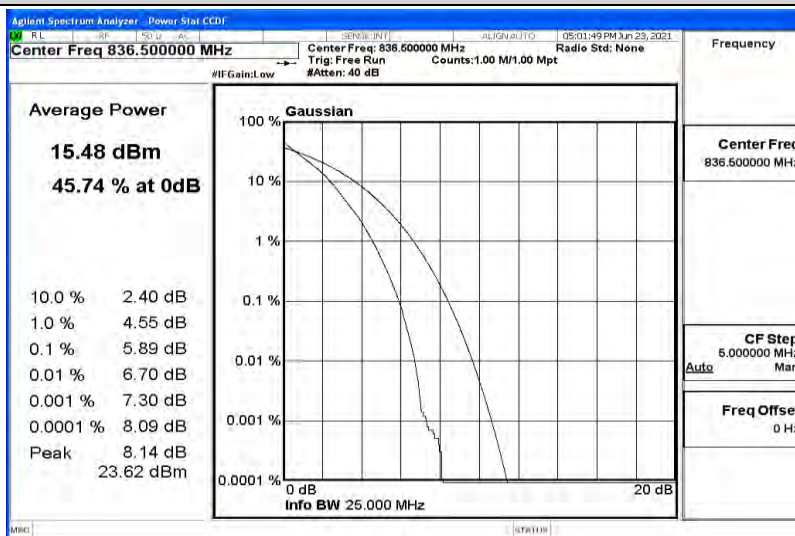
Band5-3MHz-16QAM-20635-15RB#0



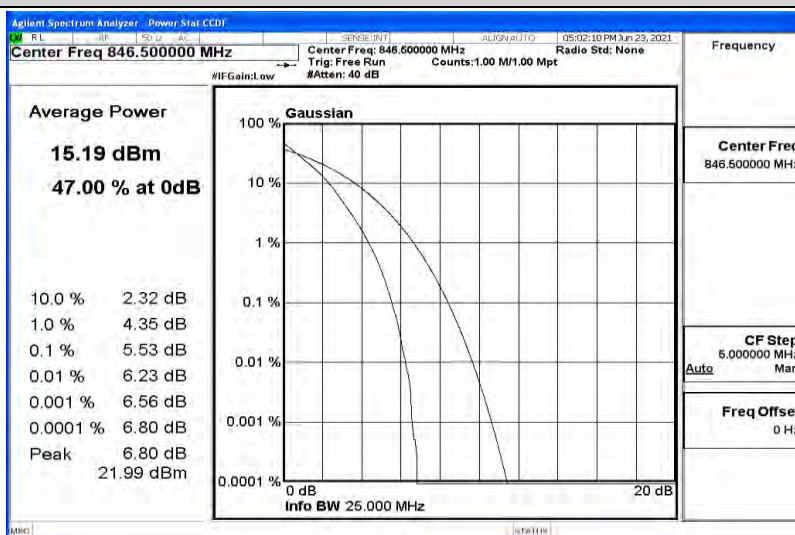
Band5-5MHz-QPSK-20425-25RB#0



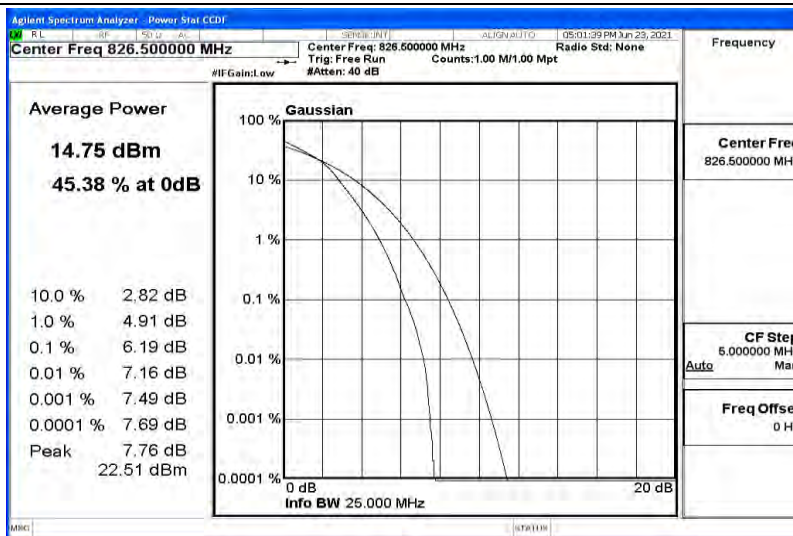
Band5-5MHz-QPSK-20525-25RB#0



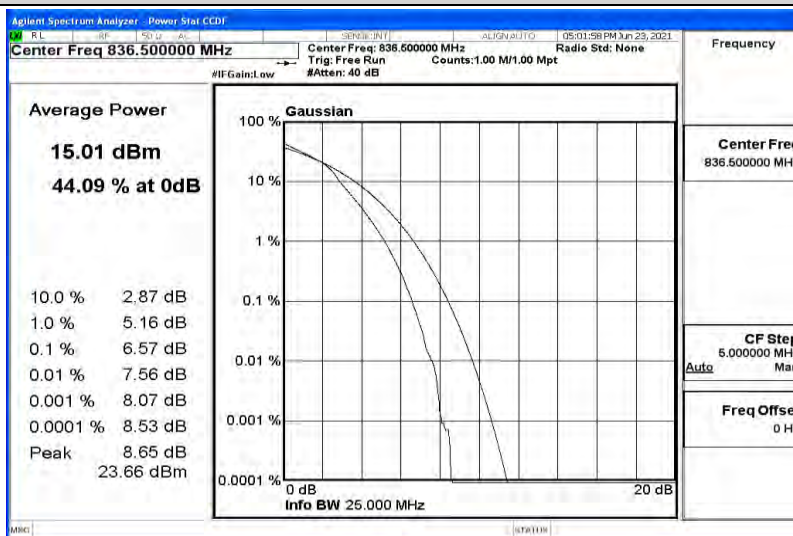
Band5-5MHz-QPSK-20625-25RB#0



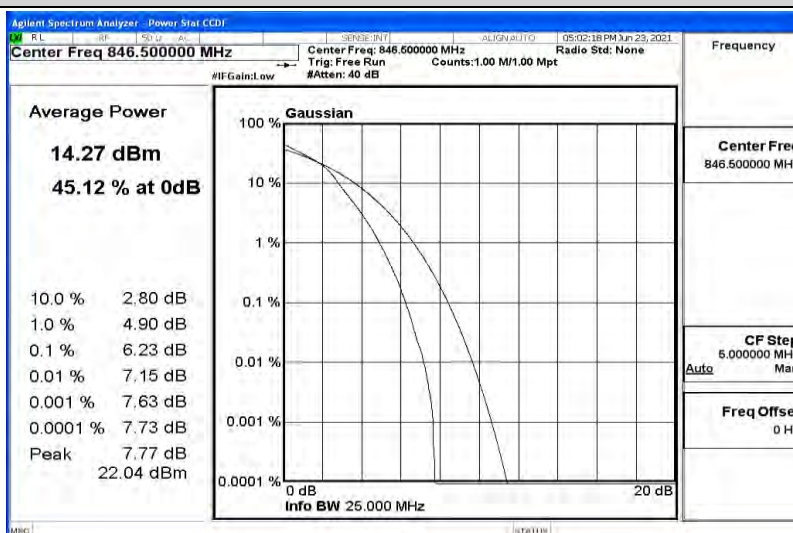
Band5-5MHz-16QAM-20425-25RB#0



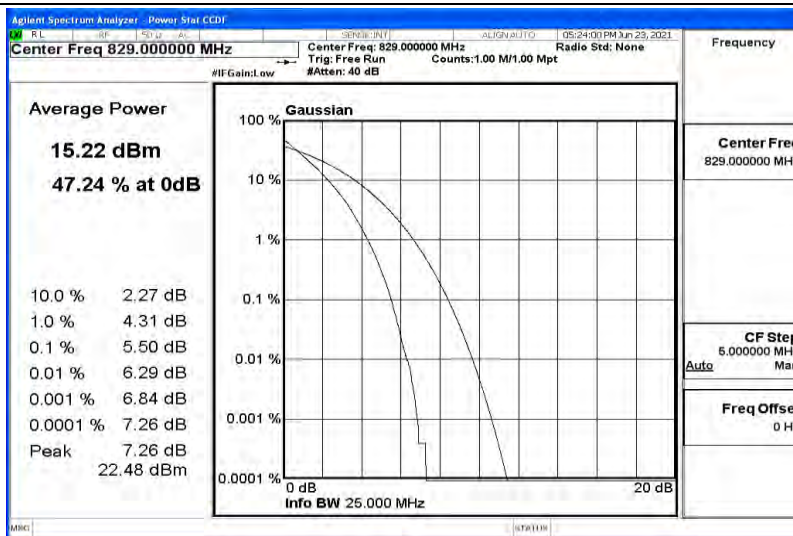
Band5-5MHz-16QAM-20525-25RB#0



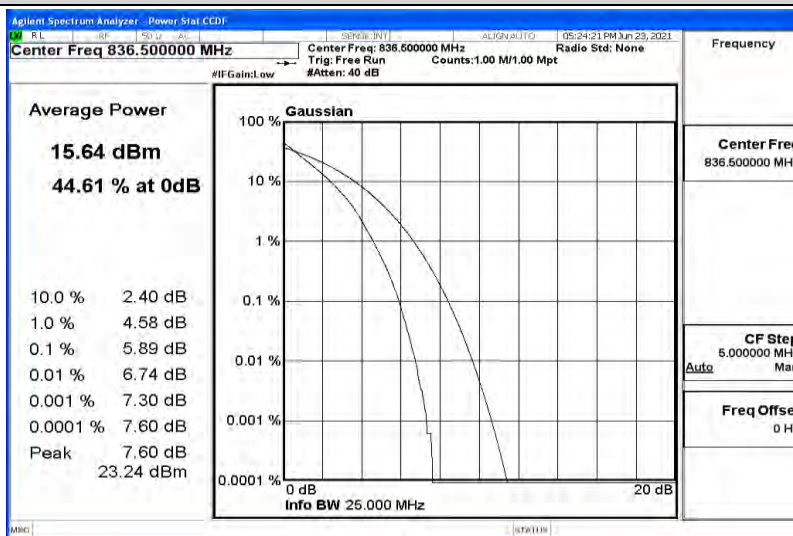
Band5-5MHz-16QAM-20625-25RB#0



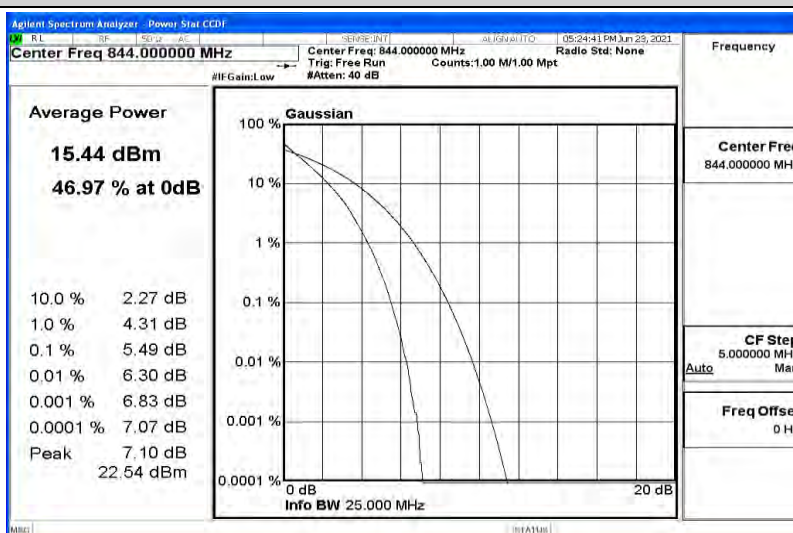
Band5-10MHz-QPSK-20450-50RB#0



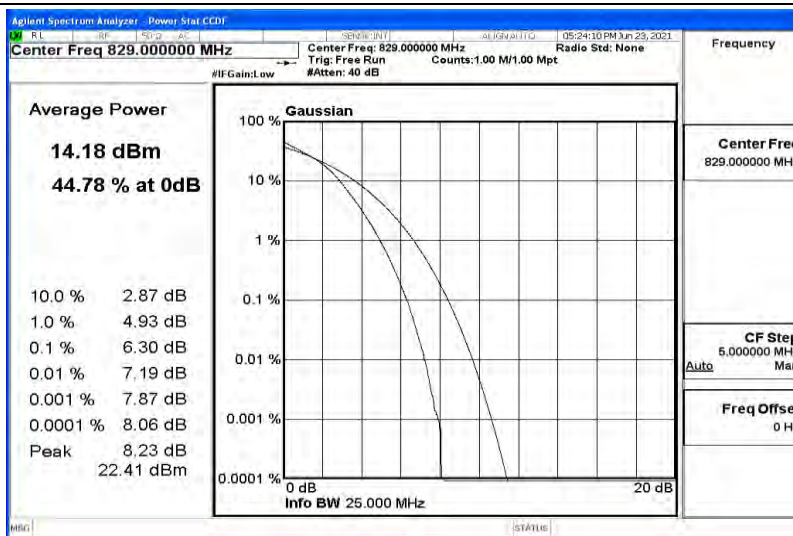
Band5-10MHz-QPSK-20525-50RB#0



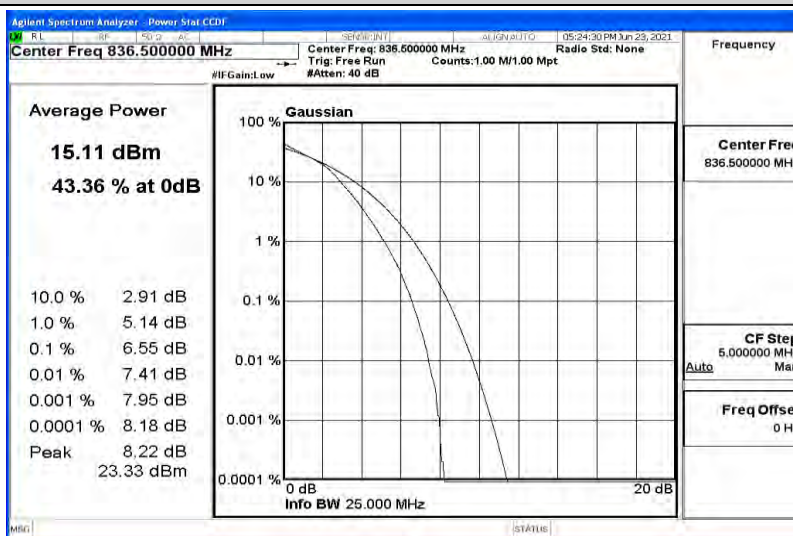
Band5-10MHz-QPSK-20600-50RB#0



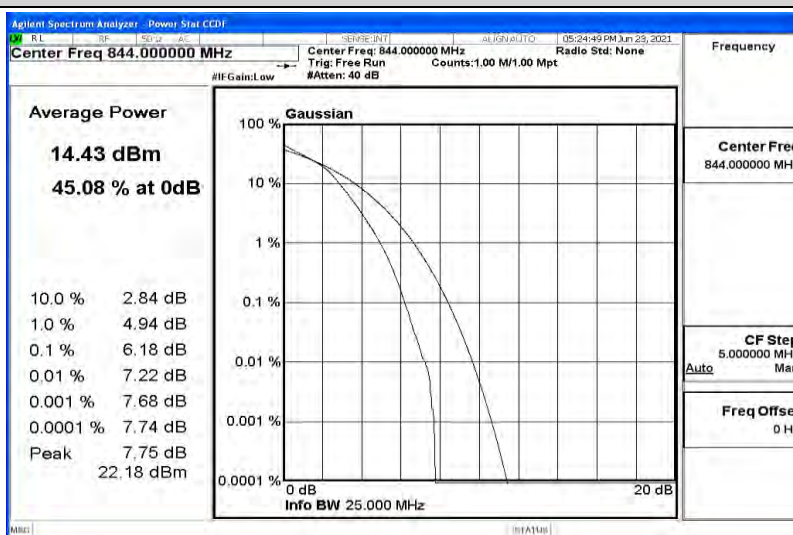
Band5-10MHz-16QAM-20450-50RB#0



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



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





F.3 26dB Bandwidth and Occupied Bandwidth

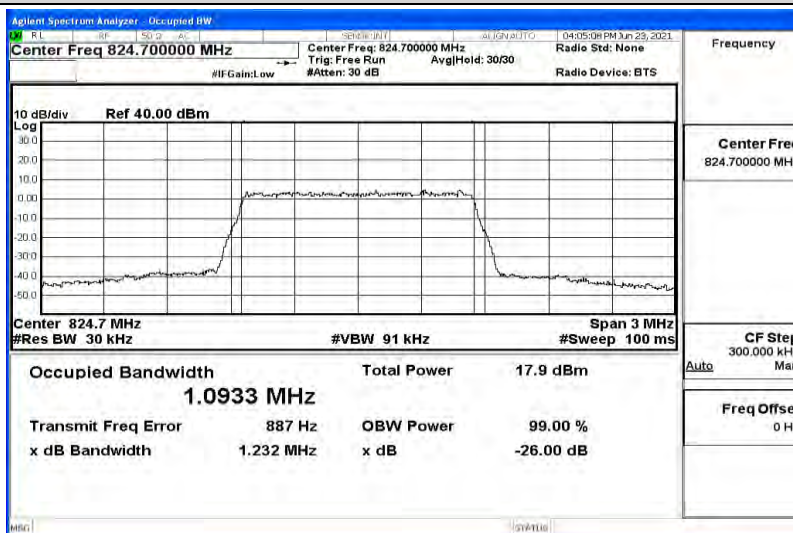
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0933	1.232	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0853	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0890	1.223	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0895	1.235	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0857	1.230	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0917	1.243	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6968	2.990	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6963	2.955	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6953	2.956	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6925	2.981	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6989	2.981	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6928	2.954	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4876	4.851	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4904	4.892	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5039	4.883	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4901	4.867	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4998	4.920	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4998	4.852	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9503	9.523	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0000	9.534	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9707	9.568	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9434	9.529	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9955	9.592	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9509	9.550	PASS

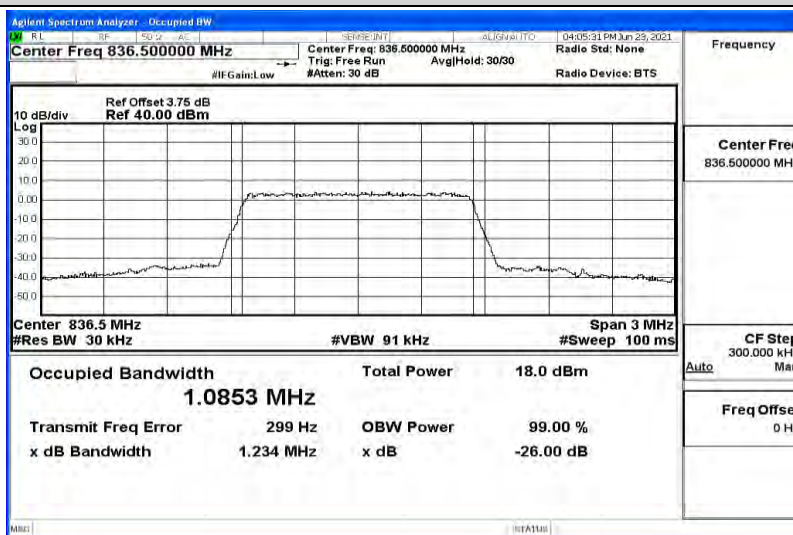


Test Graphs

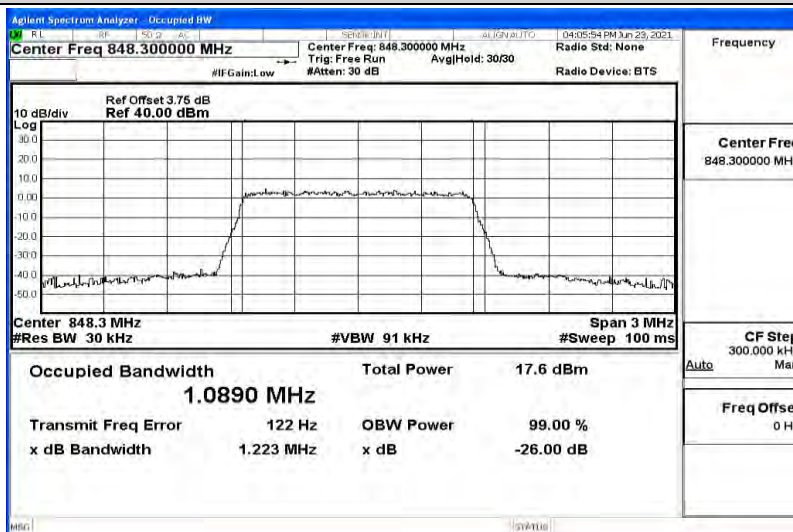
Band5-1.4MHz-QPSK-20407-6RB#0-1.0933



Band5-1.4MHz-QPSK-20525-6RB#0-1.0853

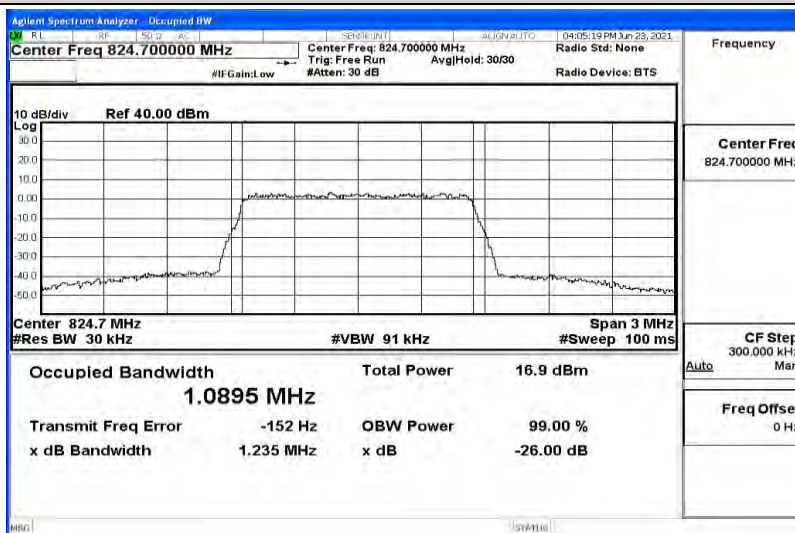


Band5-1.4MHz-QPSK-20643-6RB#0-1.0890

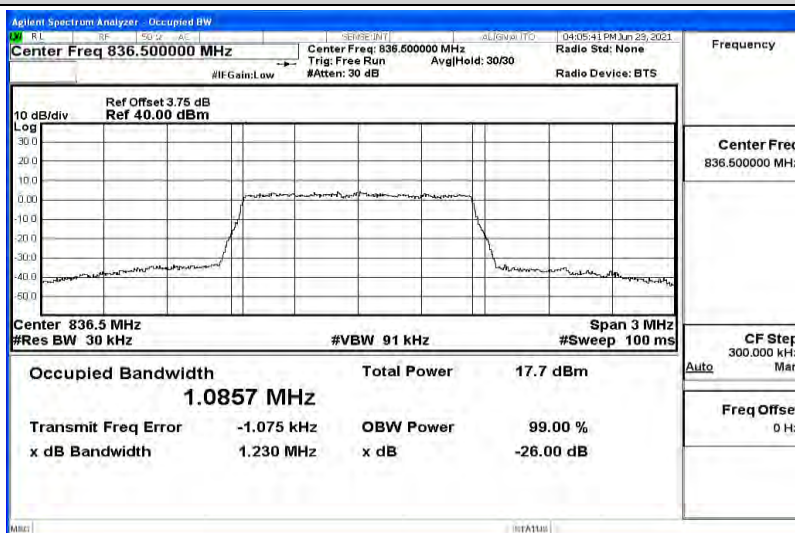




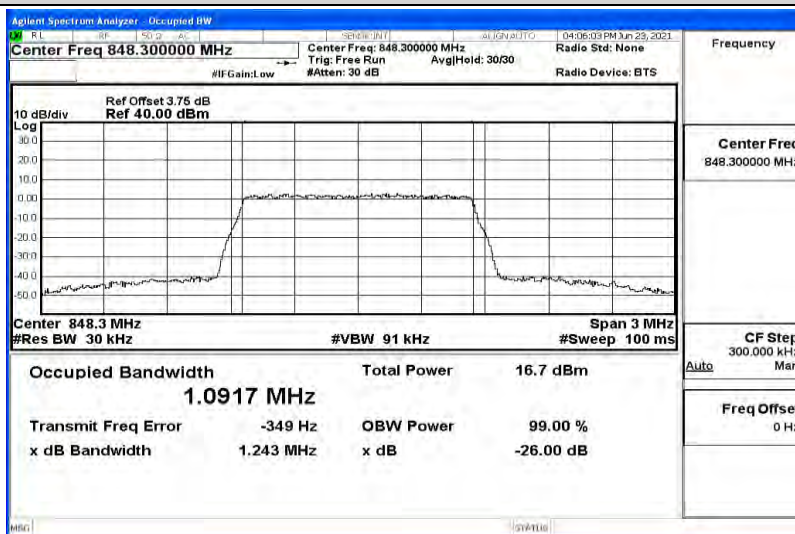
Band5-1.4MHz-16QAM-20407-6RB#0-1.0895



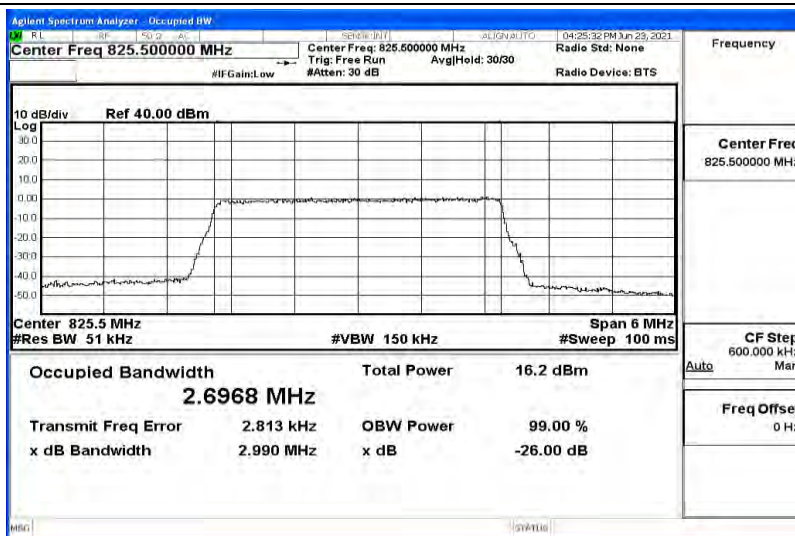
Band5-1.4MHz-16QAM-20525-6RB#0-1.0857



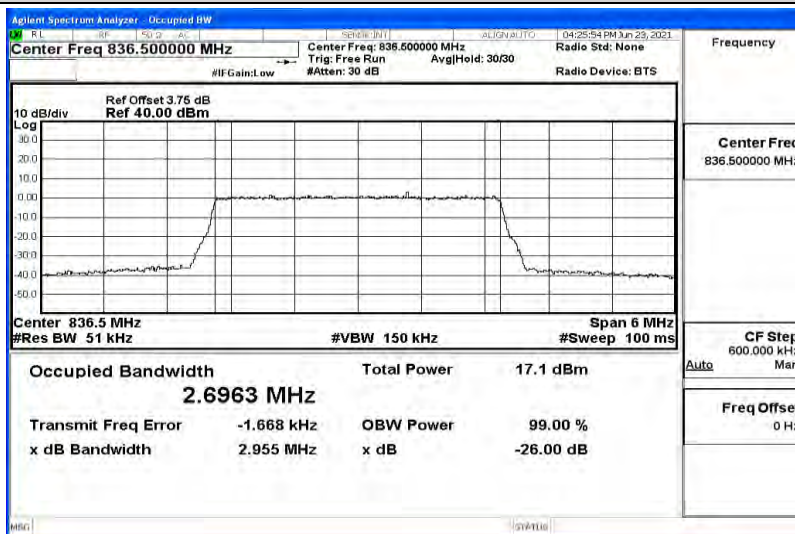
Band5-1.4MHz-16QAM-20643-6RB#0-1.0917



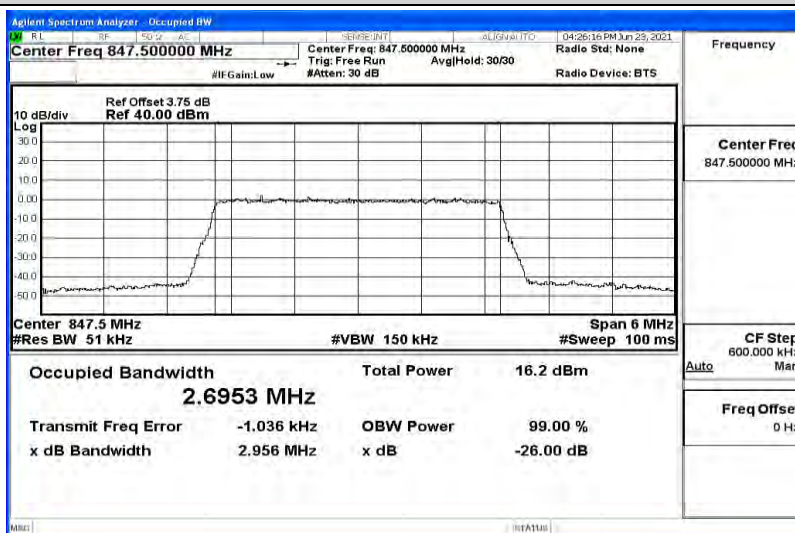
Band5-3MHz-QPSK-20415-15RB#0-2.6968



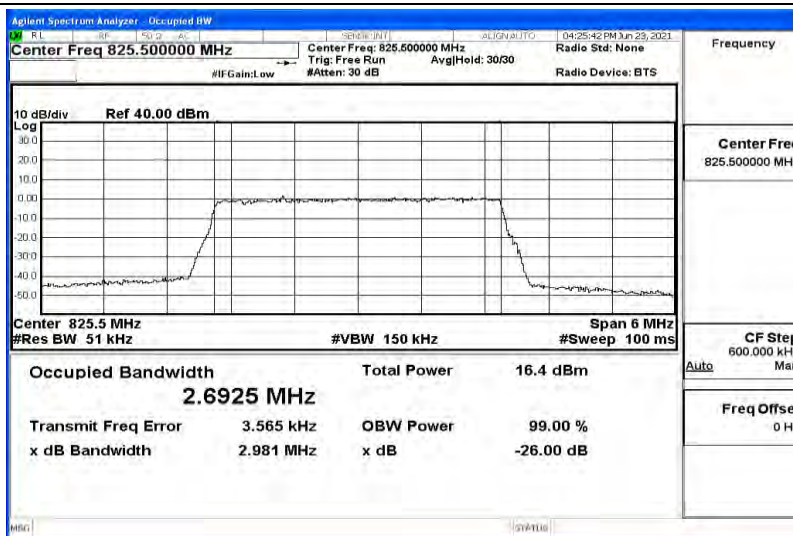
Band5-3MHz-QPSK-20525-15RB#0-2.6963



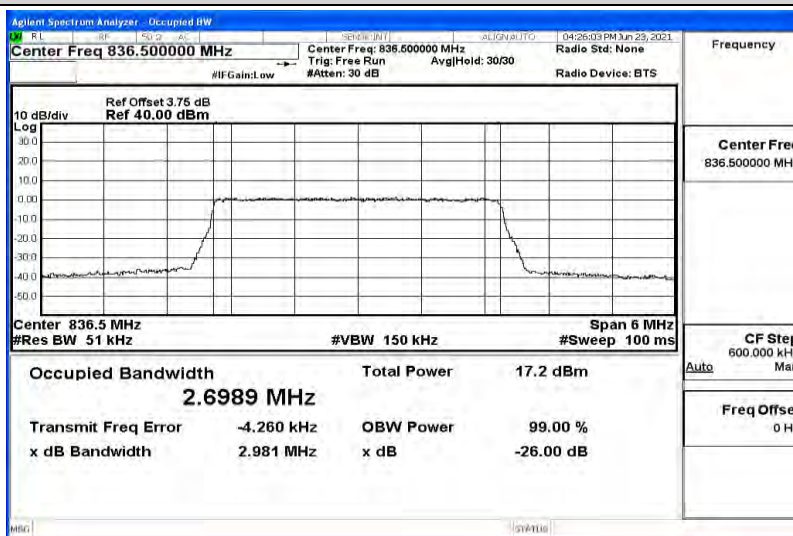
Band5-3MHz-QPSK-20635-15RB#0-2.6953



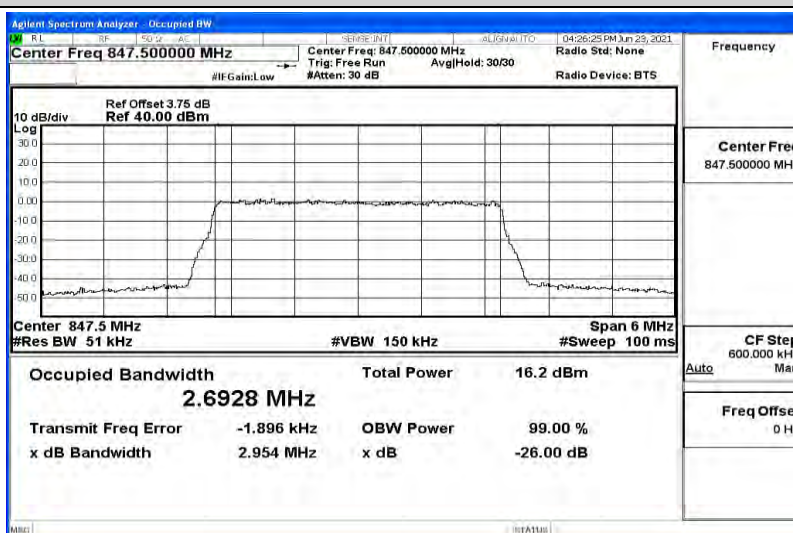
Band5-3MHz-16QAM-20415-15RB#0-2.6925



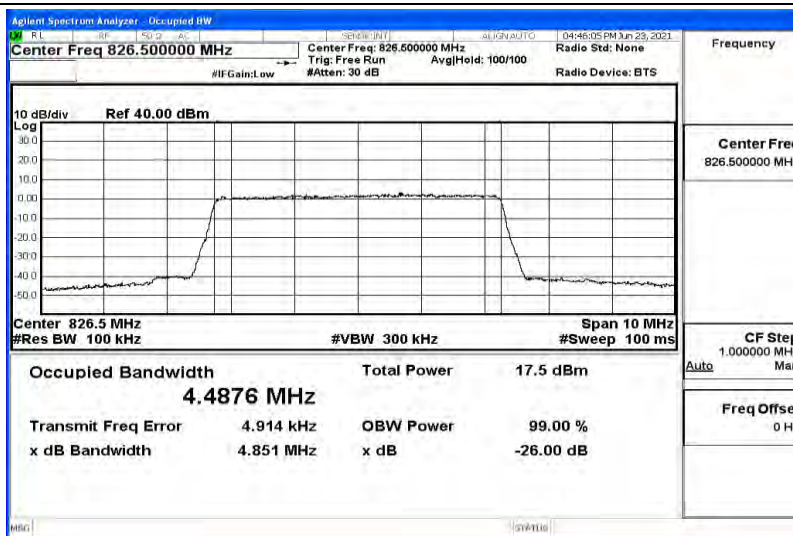
Band5-3MHz-16QAM-20525-15RB#0-2.6989



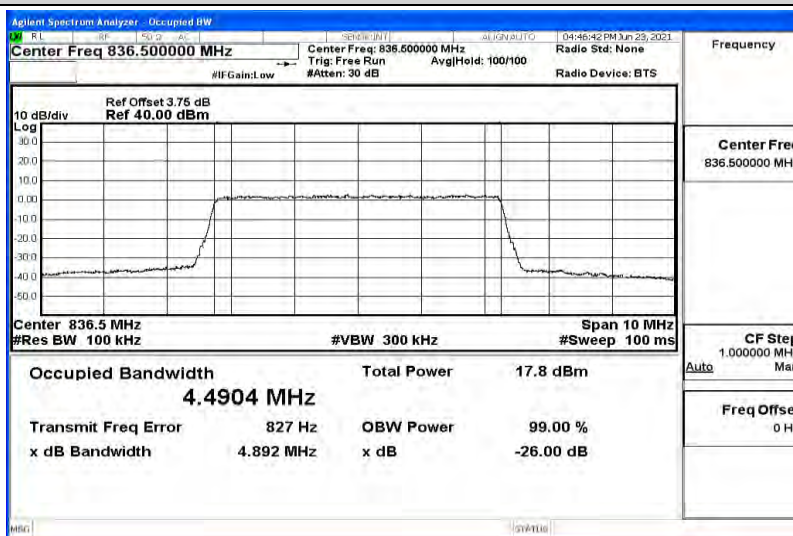
Band5-3MHz-16QAM-20635-15RB#0-2.6928



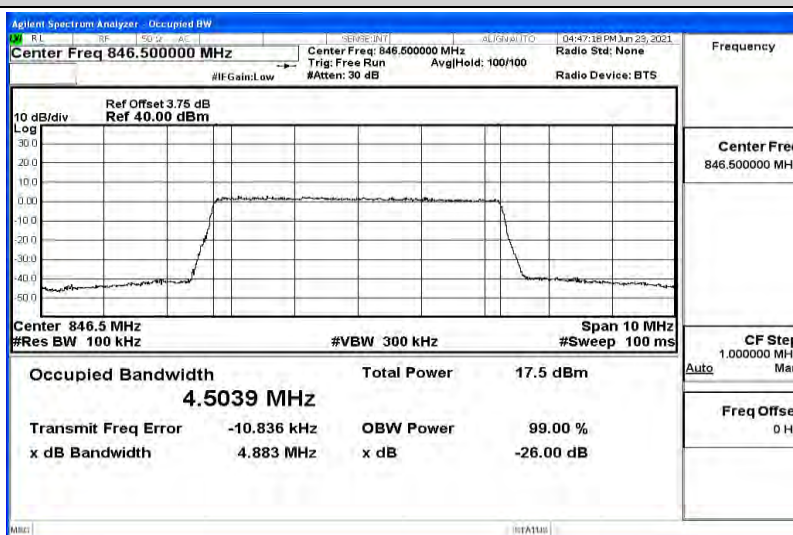
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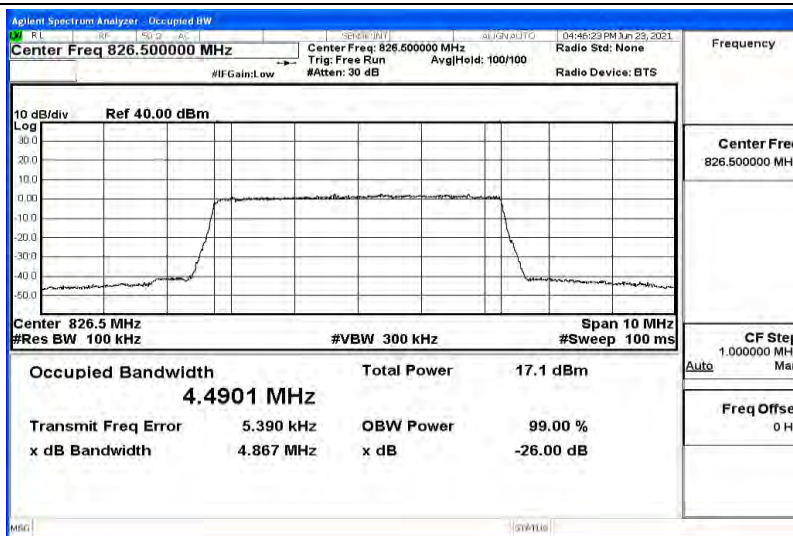
Band5-5MHz-QPSK-20525-25RB#0-4.4904



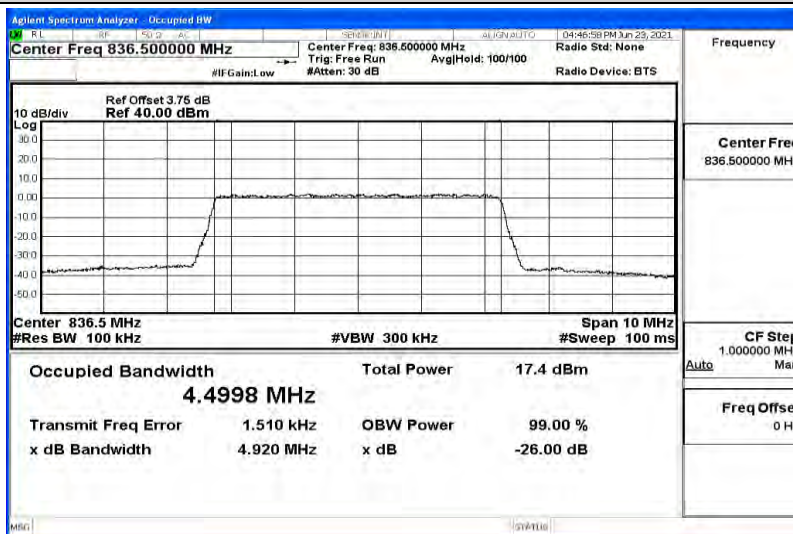
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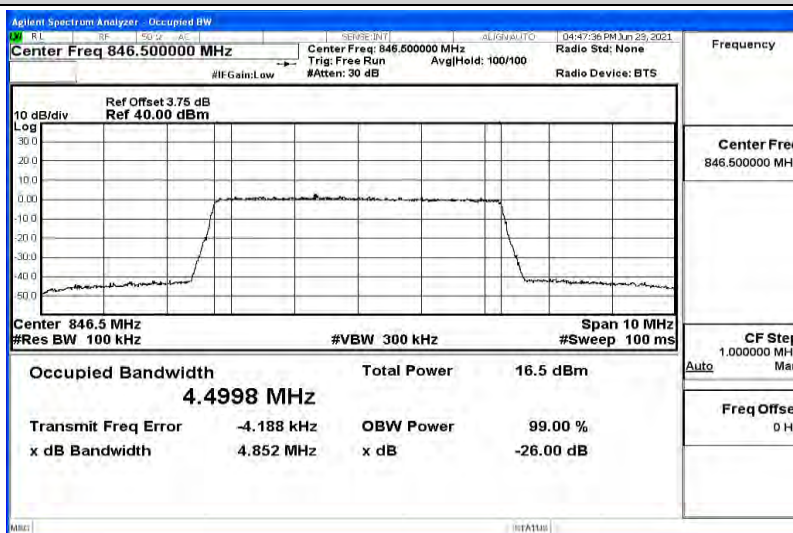
Band5-5MHz-16QAM-20425-25RB#0-4.4901



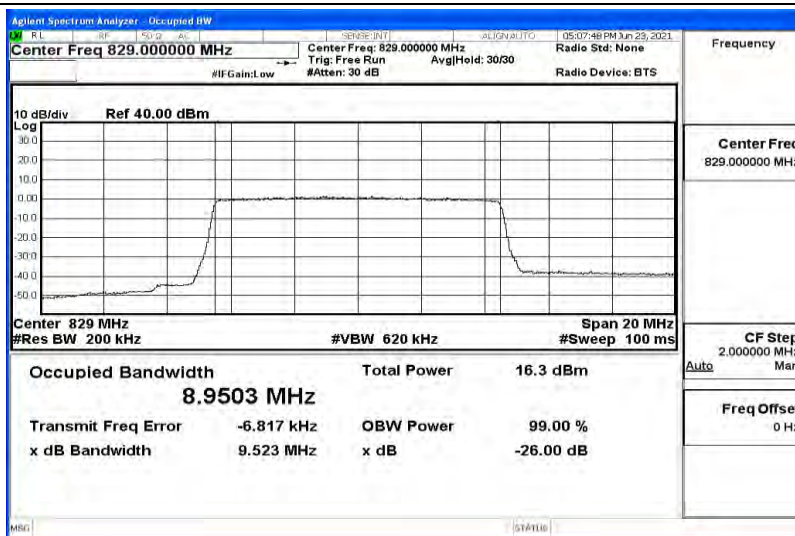
Band5-5MHz-16QAM-20525-25RB#0-4.4998



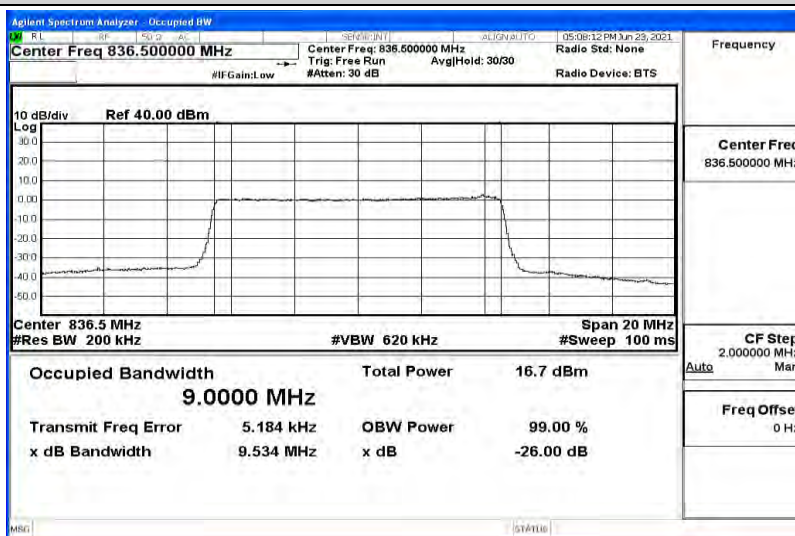
Band5-5MHz-16QAM-20625-25RB#0-4.4998



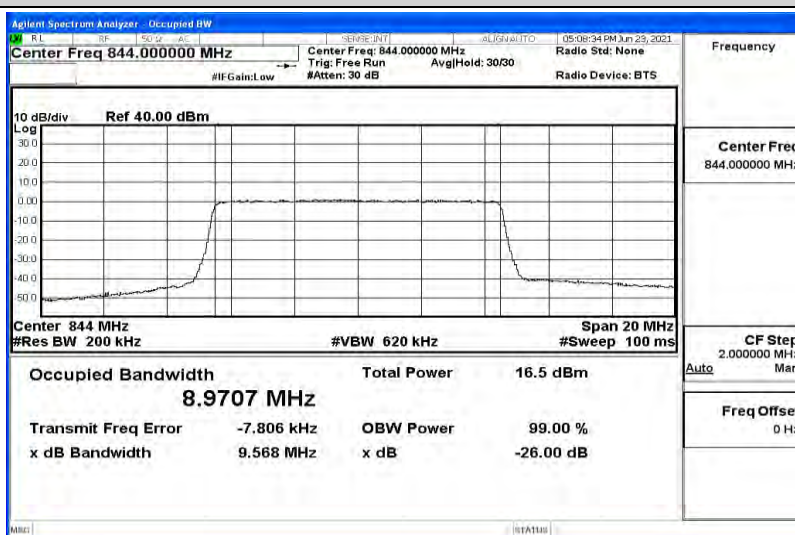
Band5-10MHz-QPSK-20450-50RB#0-8.9503



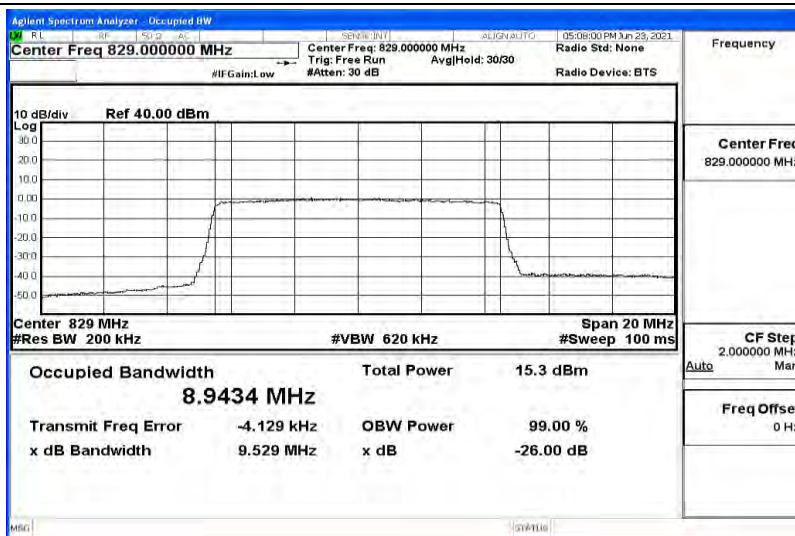
Band5-10MHz-QPSK-20525-50RB#0-9.0000



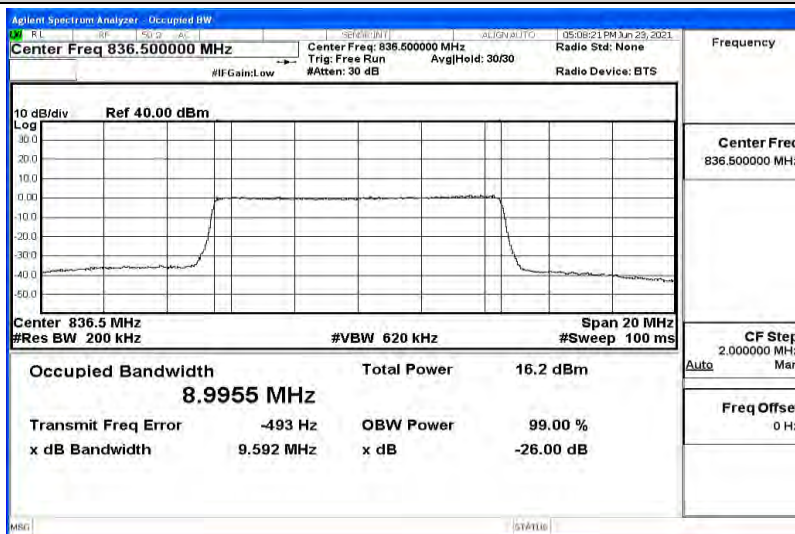
Band5-10MHz-QPSK-20600-50RB#0-8.9707



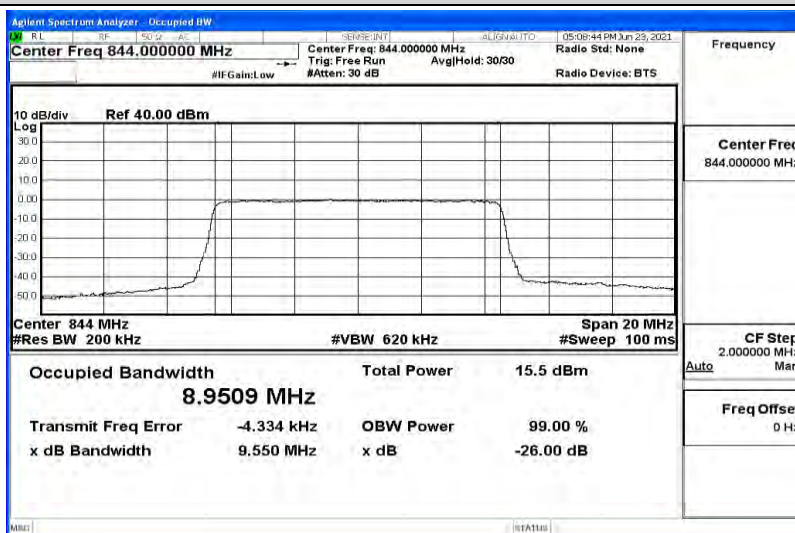
Band5-10MHz-16QAM-20450-50RB#0-8.9434



Band5-10MHz-16QAM-20525-50RB#0-8.9955



Band5-10MHz-16QAM-20600-50RB#0-8.9509



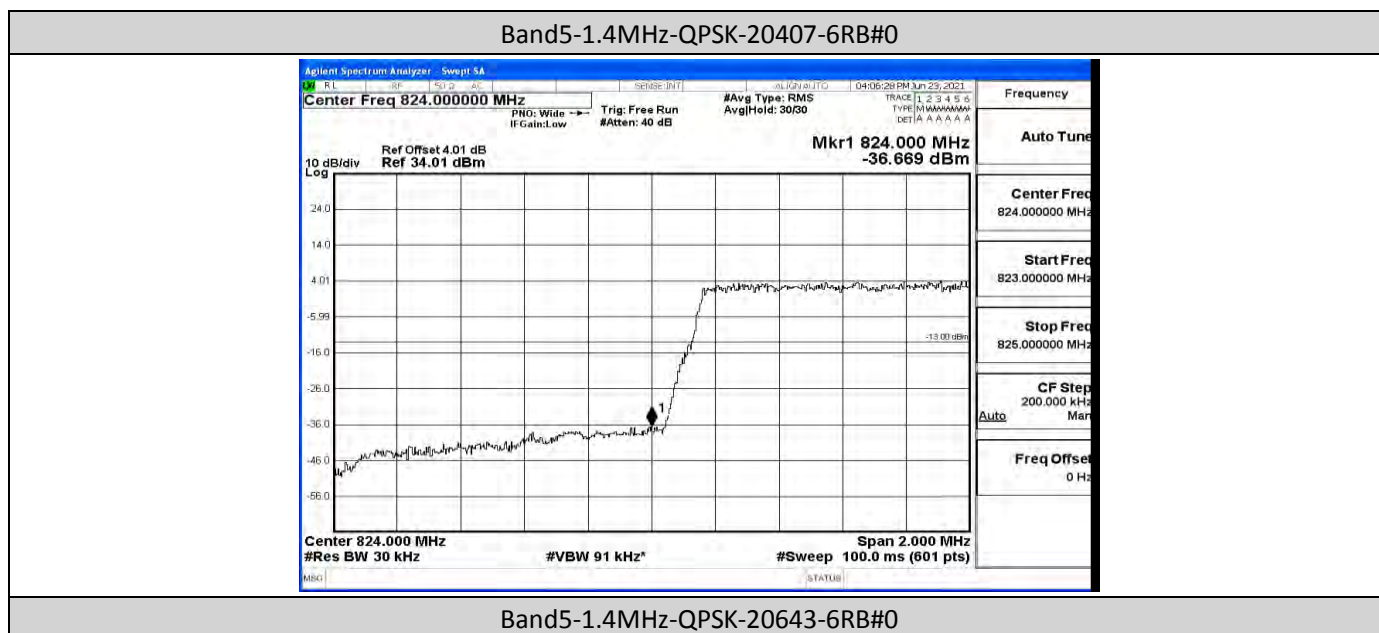


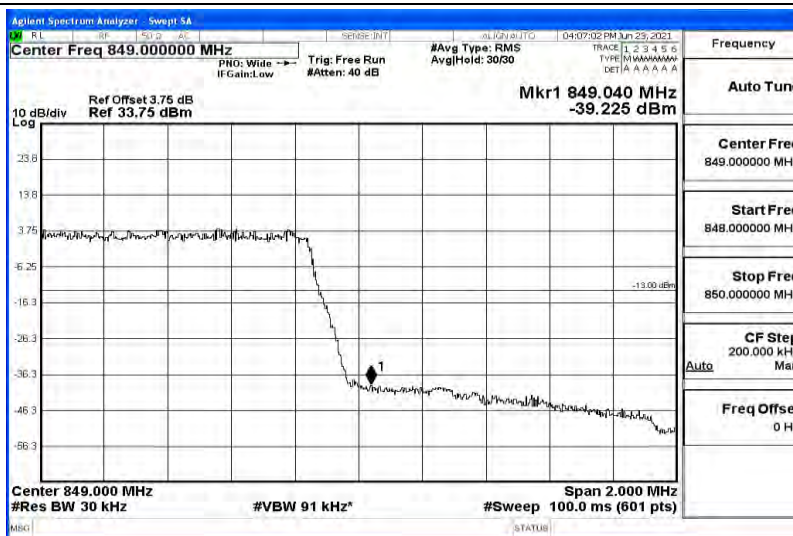
F.4 Band Edge

Test Result

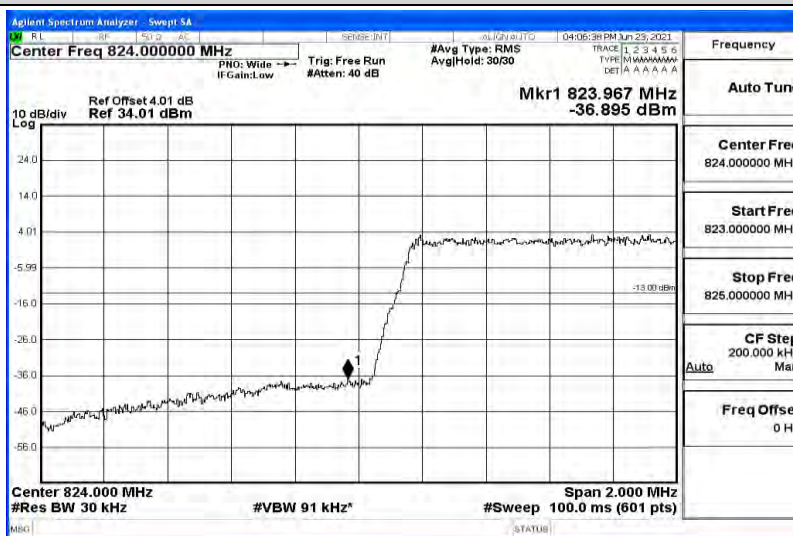
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-36.67	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-39.22	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-36.90	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-39.39	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.44	PASS
Band5	3MHz	QPSK	20635	15RB#0	-26.20	PASS
Band5	3MHz	16QAM	20415	15RB#0	-28.80	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.62	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.21	PASS
Band5	5MHz	16QAM	20425	25RB#0	-31.13	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.95	PASS
Band5	10MHz	QPSK	20450	50RB#0	-34.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.03	PASS
Band5	10MHz	16QAM	20450	50RB#0	-35.04	PASS
Band5	10MHz	16QAM	20600	50RB#0	-33.23	PASS

Test Graphs

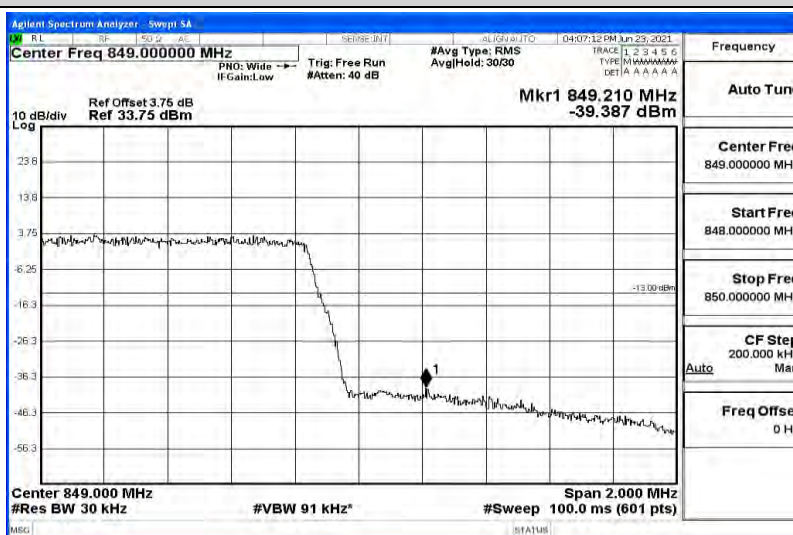




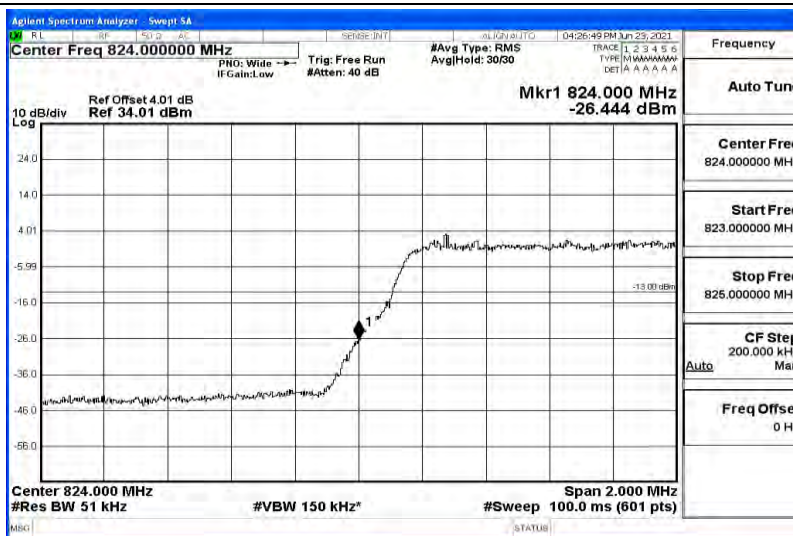
Band5-1.4MHz-16QAM-20407-6RB#0



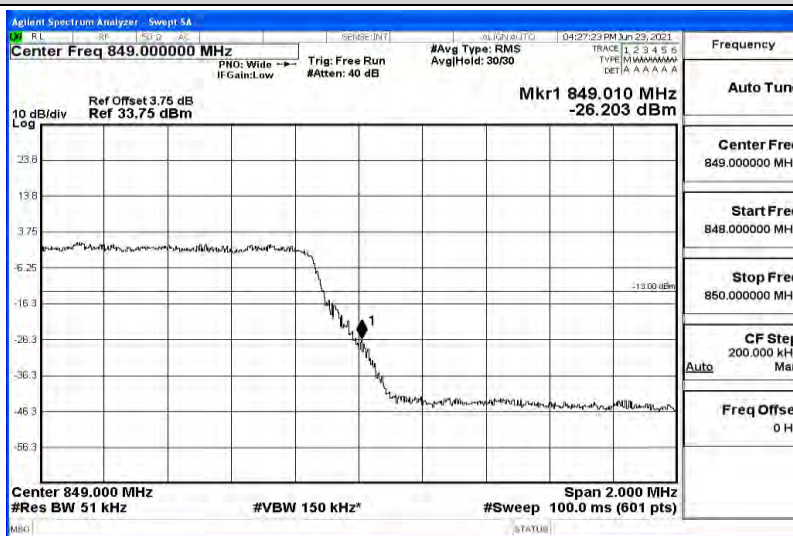
Band5-1.4MHz-16QAM-20643-6RB#0



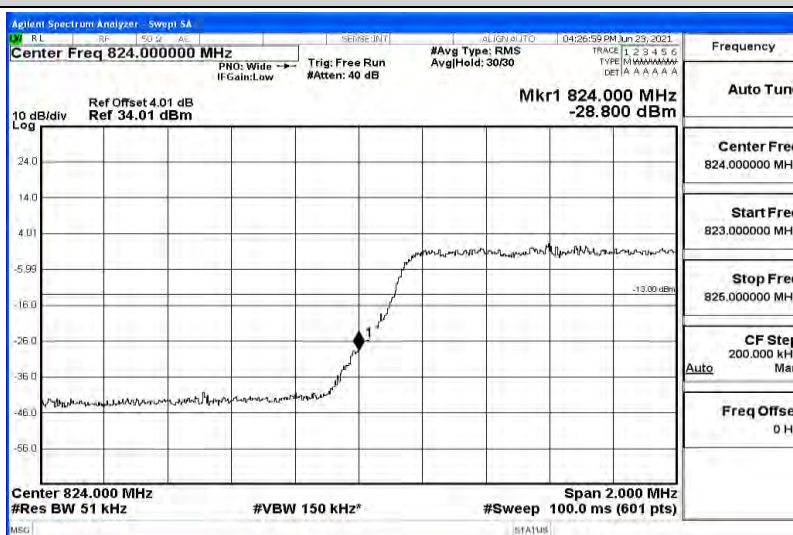
Band5-3MHz-QPSK-20415-15RB#0



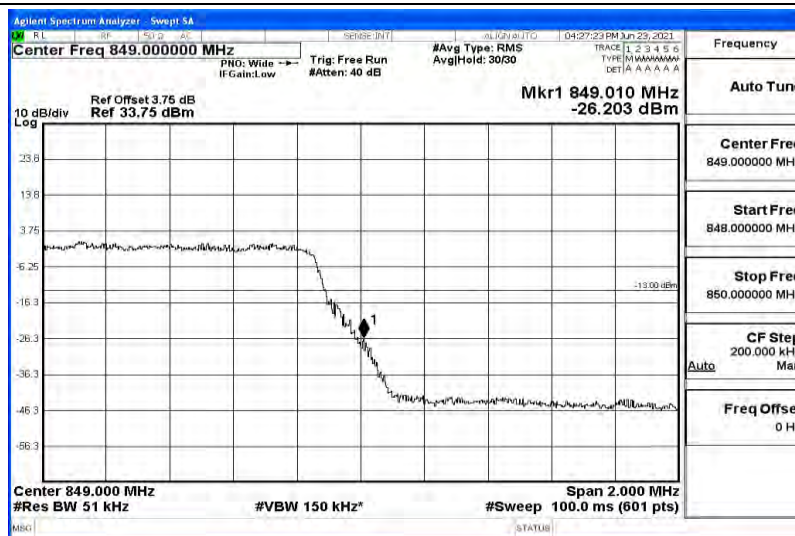
Band5-3MHz-QPSK-20635-15RB#0



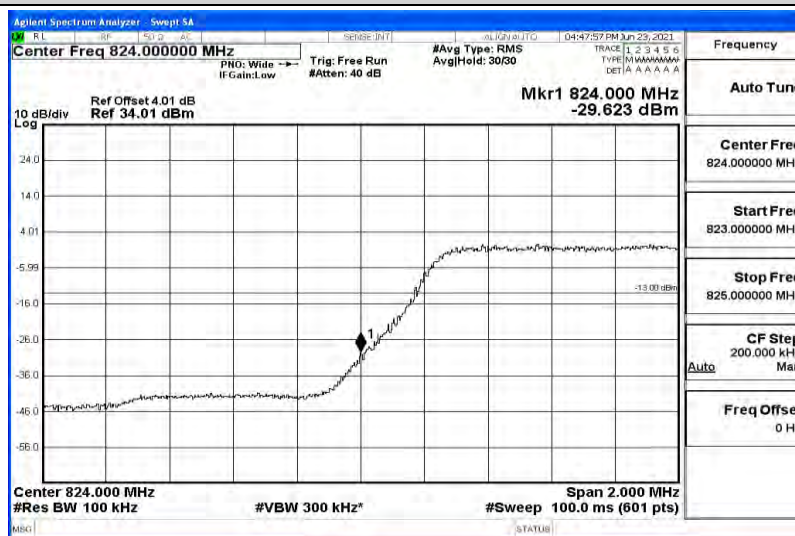
Band5-3MHz-16QAM-20415-15RB#0



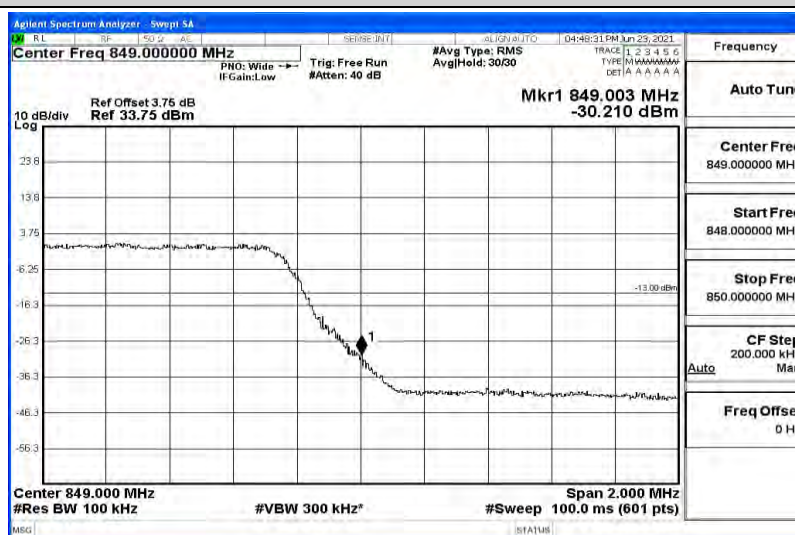
Band5-3MHz-16QAM-20635-15RB#0



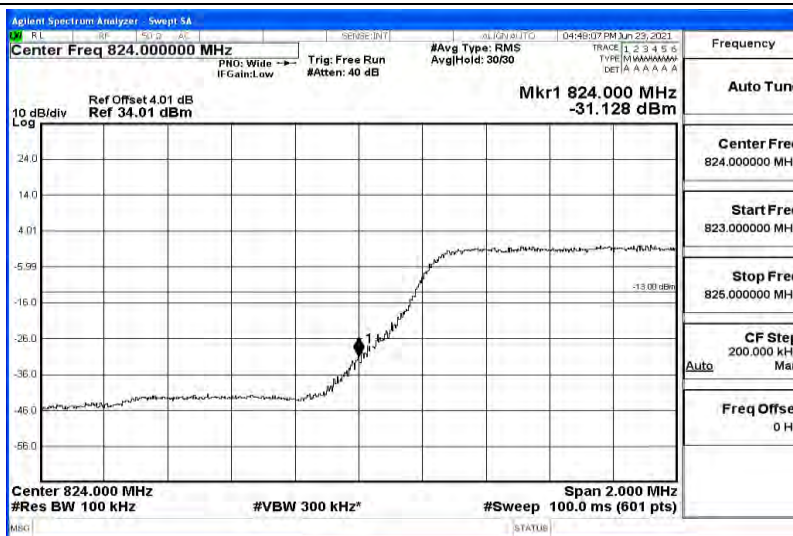
Band5-5MHz-QPSK-20425-25RB#0



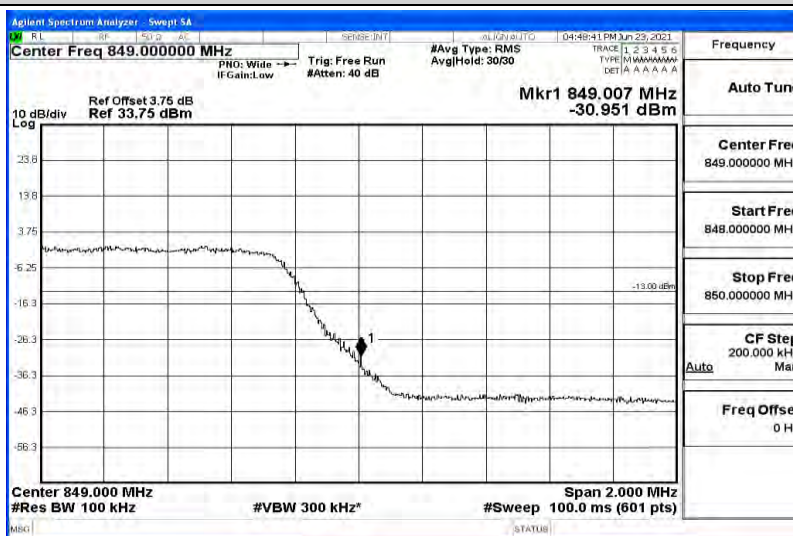
Band5-5MHz-QPSK-20625-25RB#0



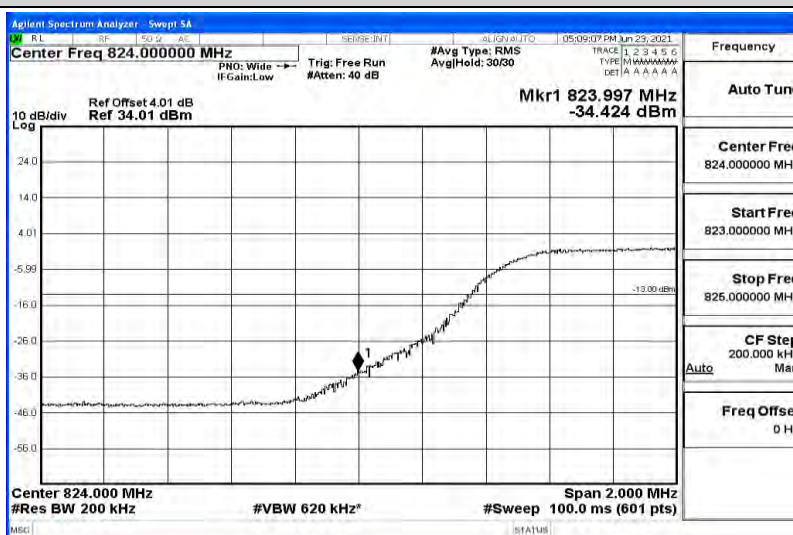
Band5-5MHz-16QAM-20425-25RB#0



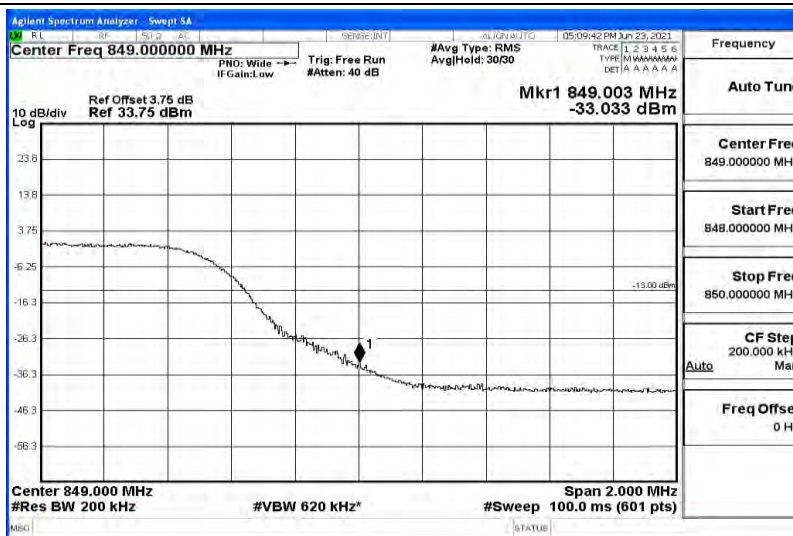
Band5-5MHz-16QAM-20625-25RB#0



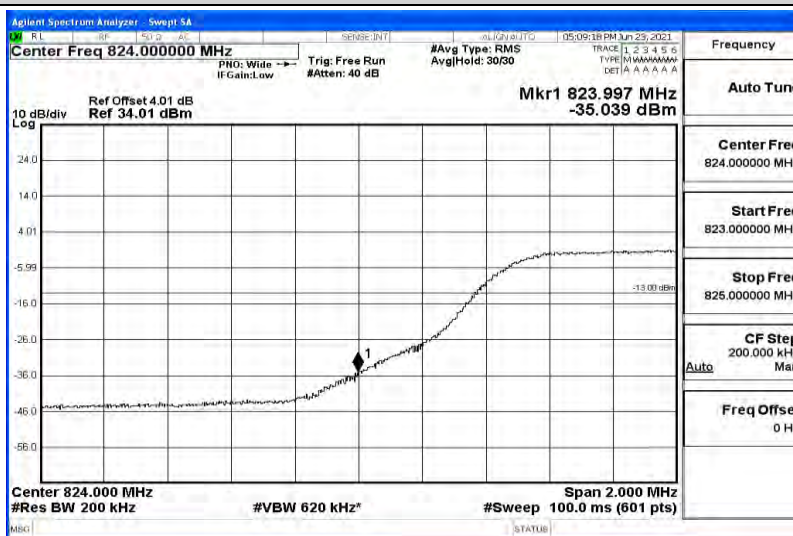
Band5-10MHz-QPSK-20450-50RB#0



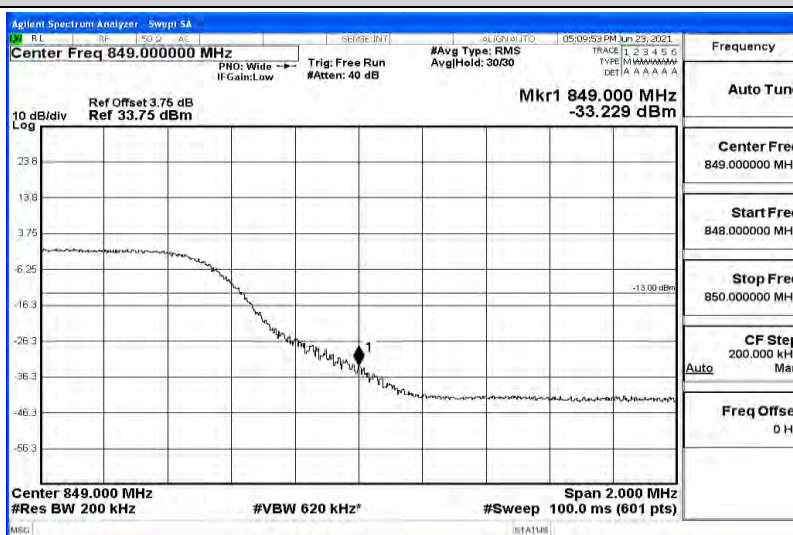
Band5-10MHz-QPSK-20600-50RB#0



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



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





F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-73.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-57.89	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-43.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-38.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-72.7	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-66.3	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-44.55	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-39.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-73.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-67.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-44.22	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-40.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-72.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-63.6	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-43.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-38.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-71.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-65.33	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-44.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-40.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-73.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-66.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-44.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-41.48	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-72.93	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-63.68	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-44.23	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-38.49	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-72.6	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-62.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-44.08	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-41.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-71.23	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-68.28	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-44.12	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-40.38	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-73.26	PASS

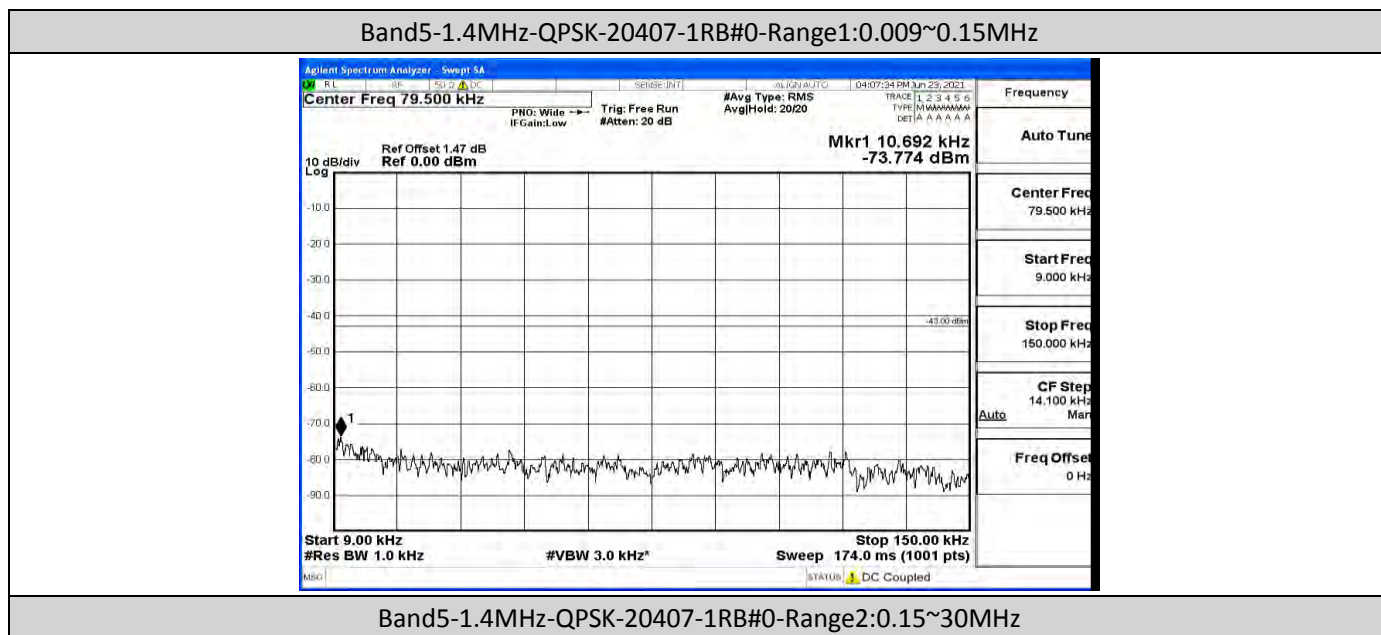


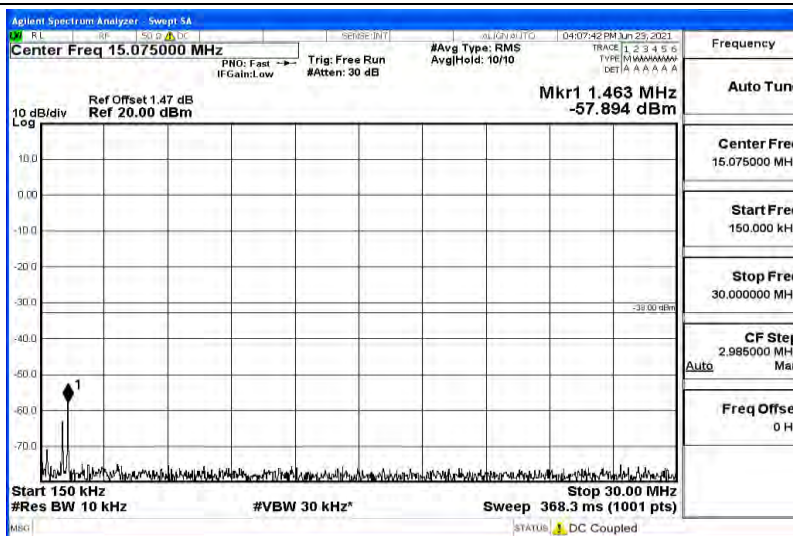
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-58.16	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-43.65	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-39.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-73.58	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-67.17	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-44.28	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-41.16	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-71.71	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-59.66	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-44.23	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-40.7	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-75.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-57.37	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-44.39	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-38.2	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-74.06	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-59.66	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-44	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-40.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-73.62	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-56.48	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-44.74	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-39.29	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-73.31	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-58.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-44.89	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-39.46	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-72.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-58.52	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-44.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-40.88	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-71.84	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-58.24	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-44	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-40.52	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-74.67	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-60.55	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-44.49	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-38.29	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-72.85	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-62.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-43.7	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-40.83	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-74.31	PASS



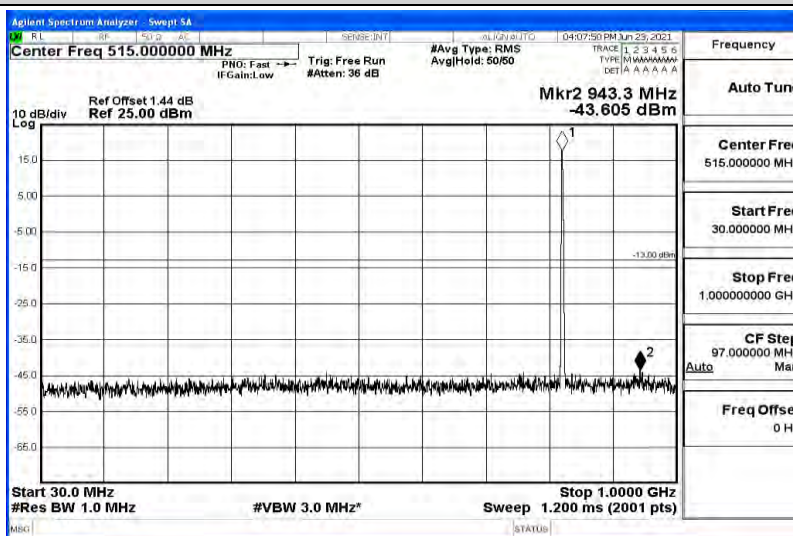
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-59.81	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-44.38	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-38.44	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-73.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-59.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-44.15	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-39.05	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-73.71	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-59.72	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-44.14	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-41.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-72.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-62.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-43.29	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-39.42	PASS

Test Graphs

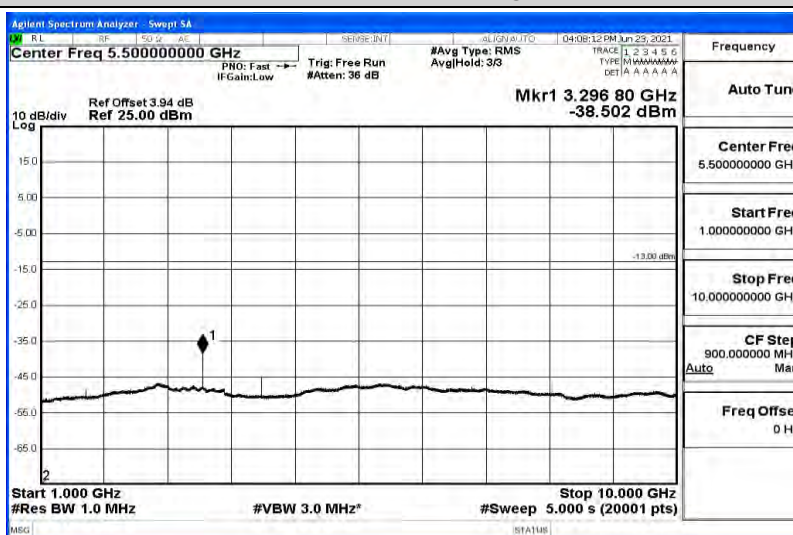




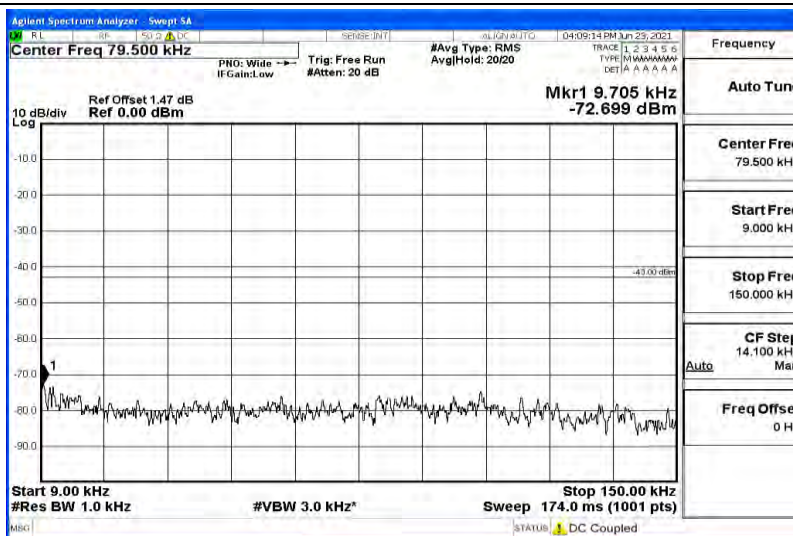
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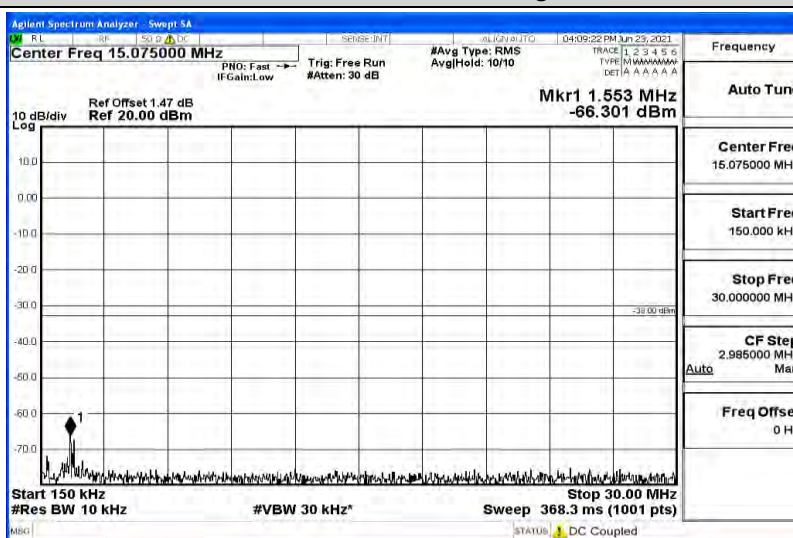
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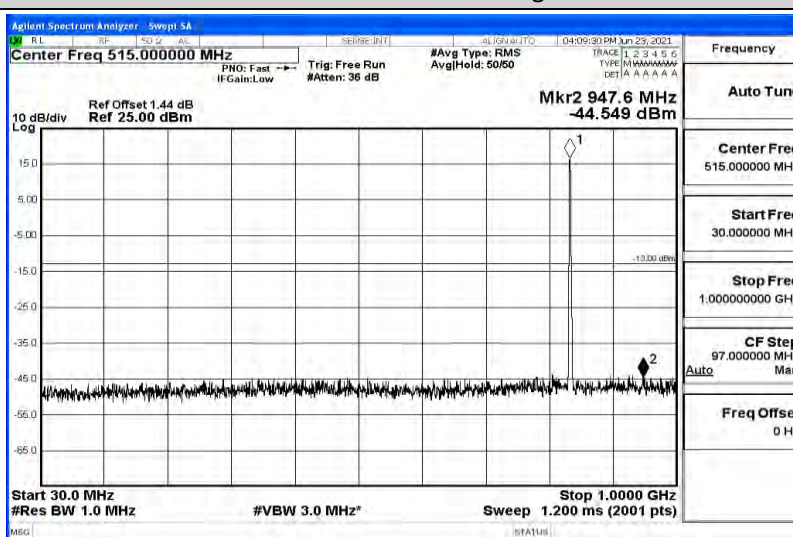
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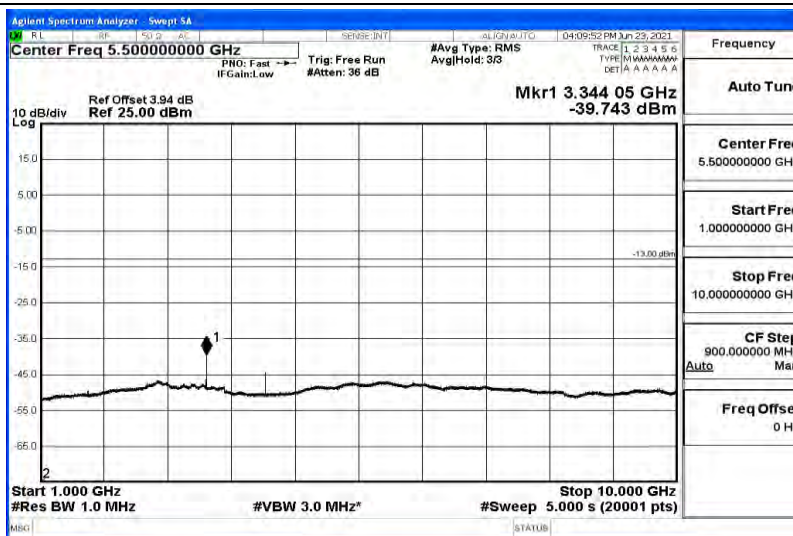
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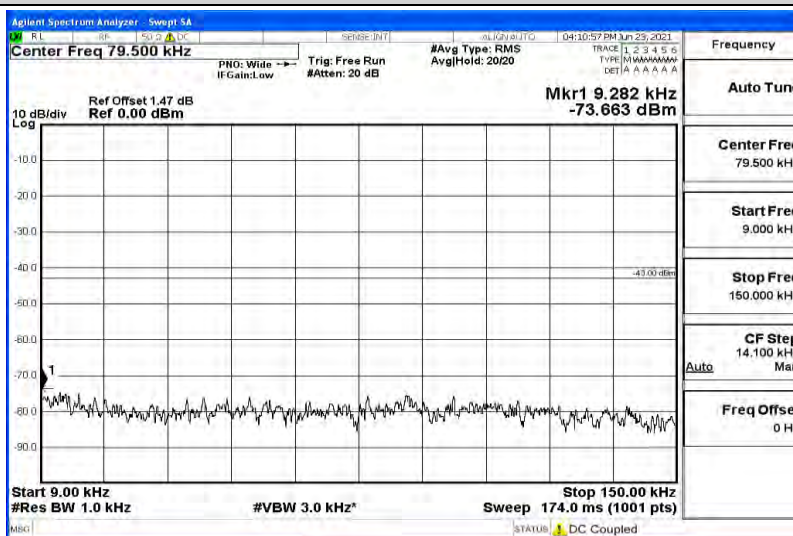
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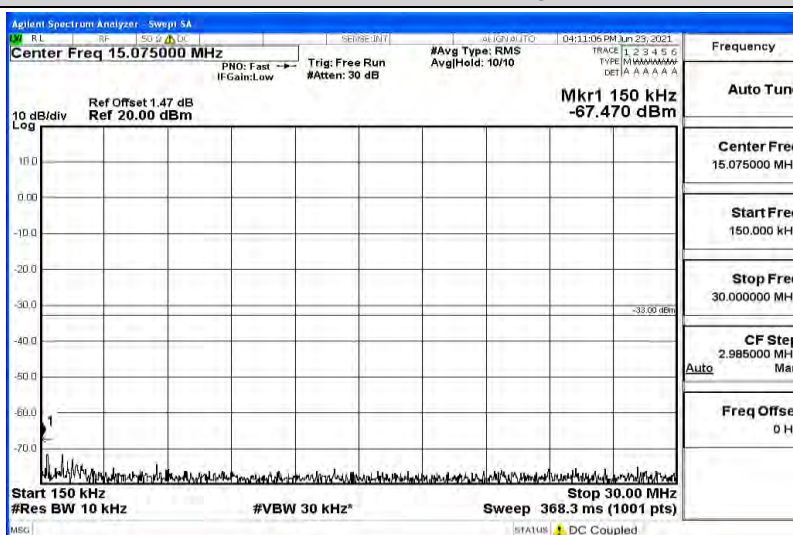
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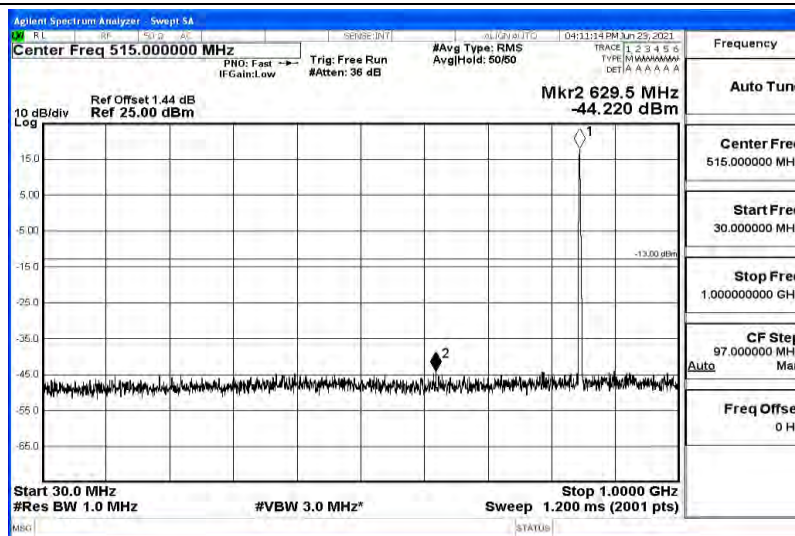
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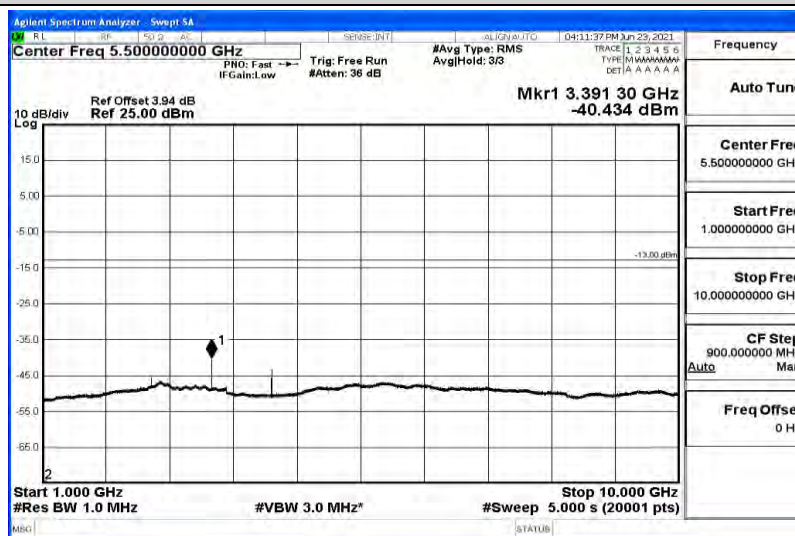
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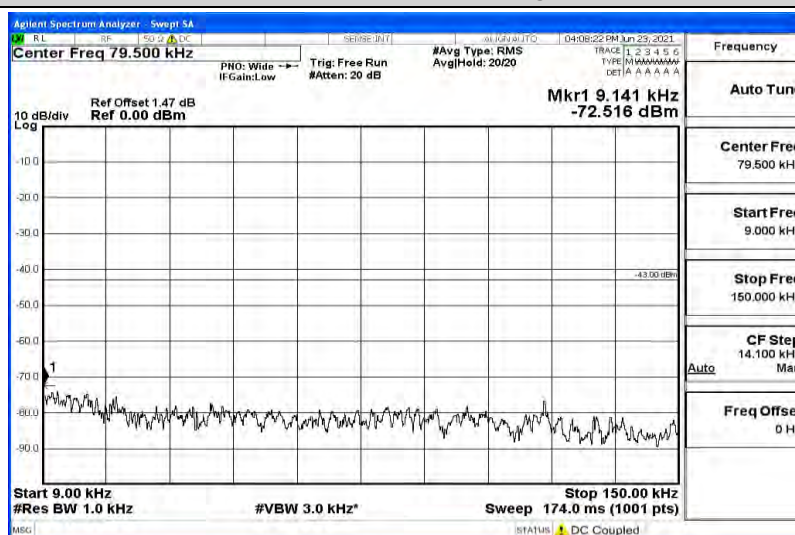
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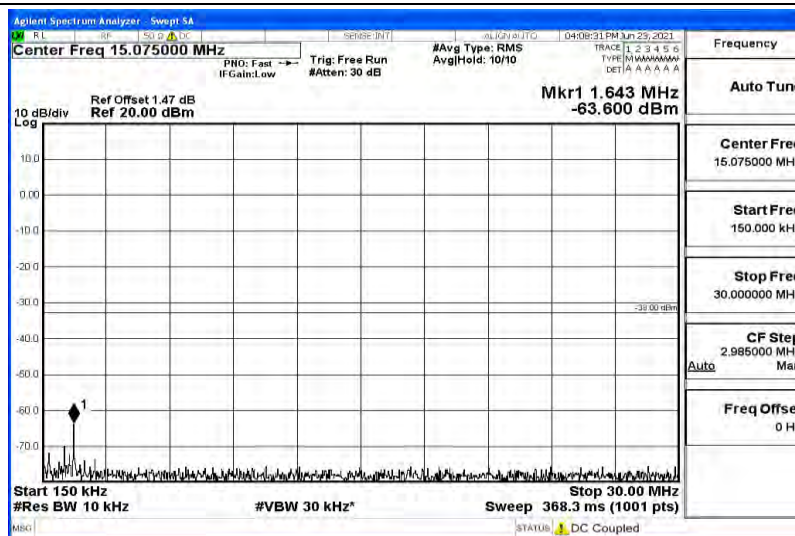
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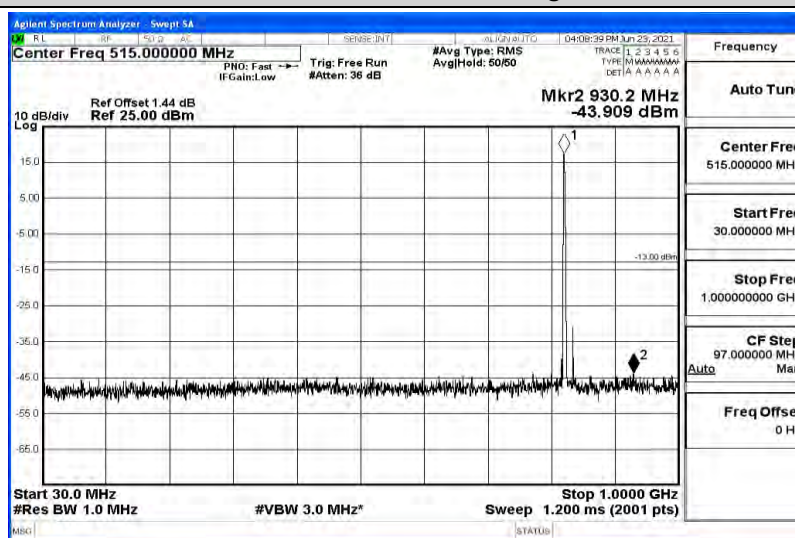
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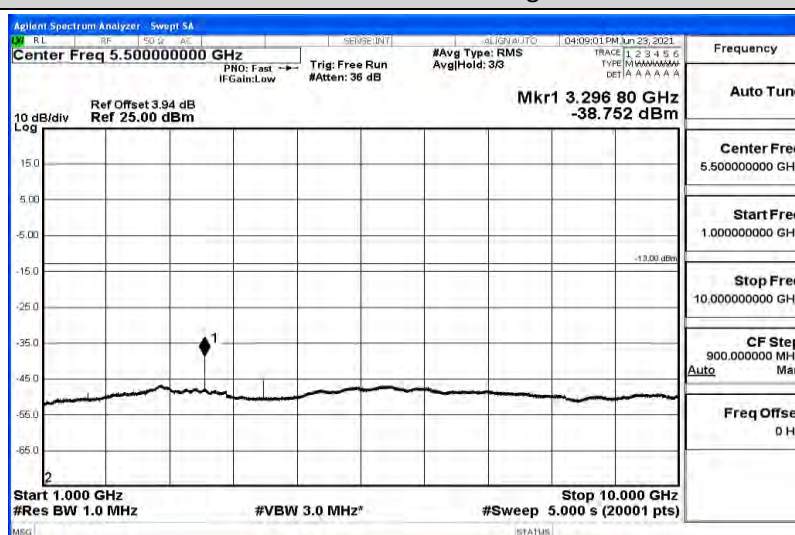
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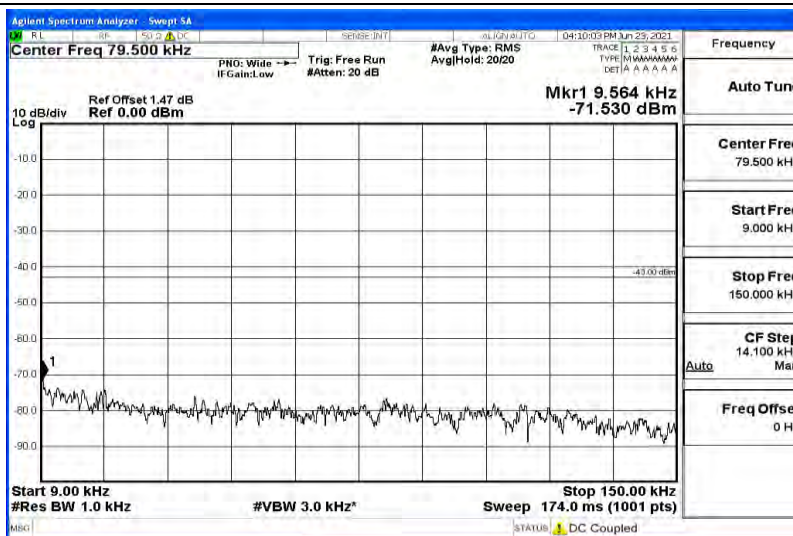
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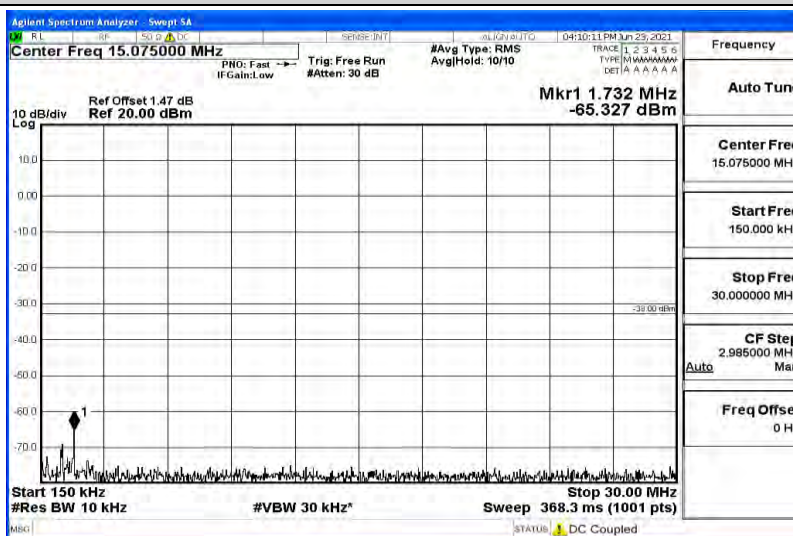
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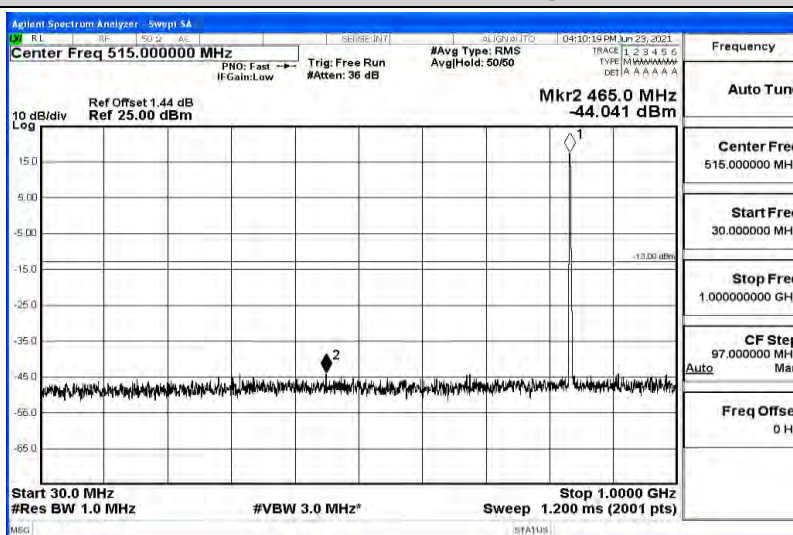
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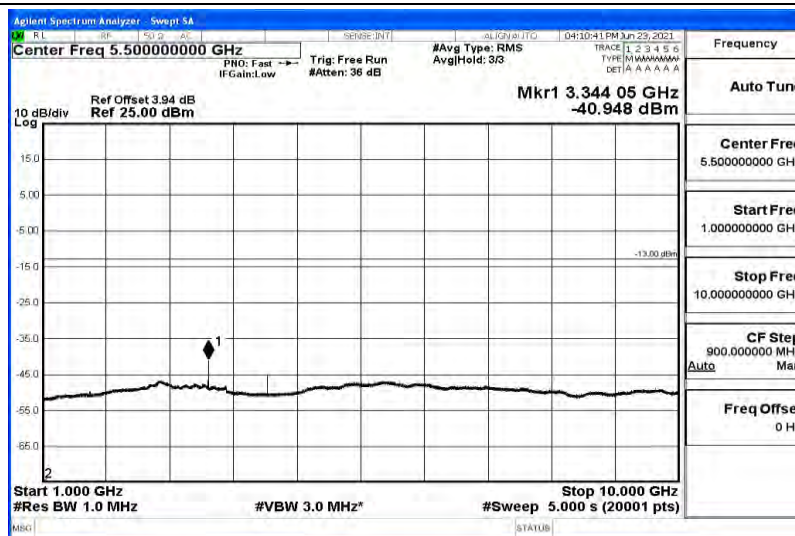
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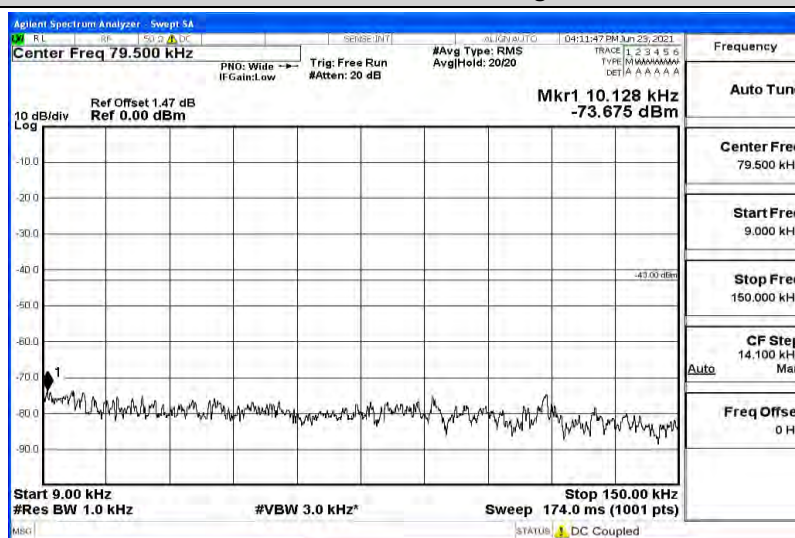
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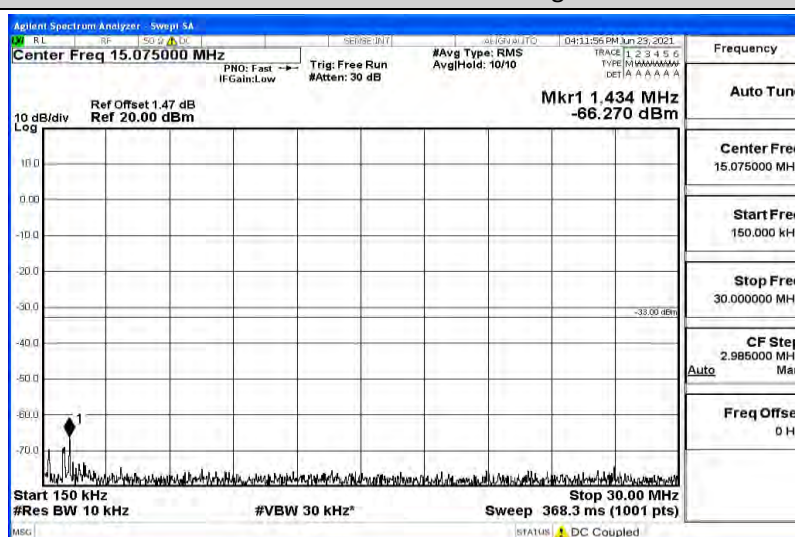
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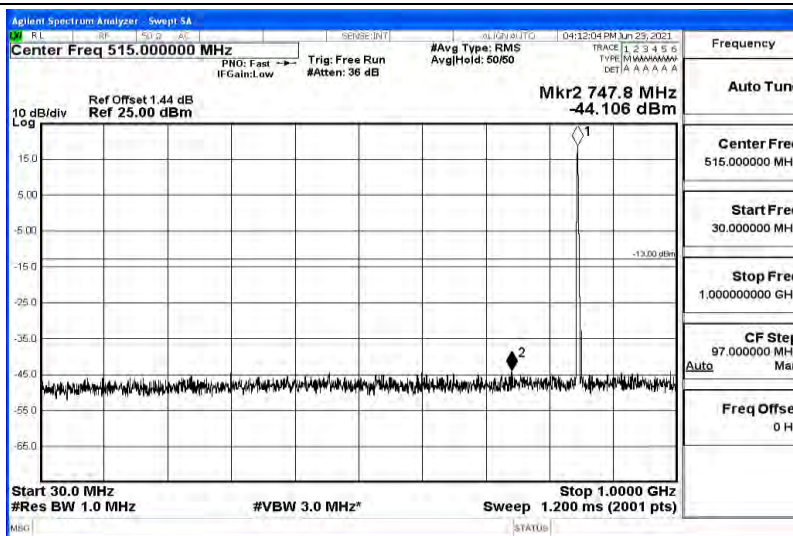
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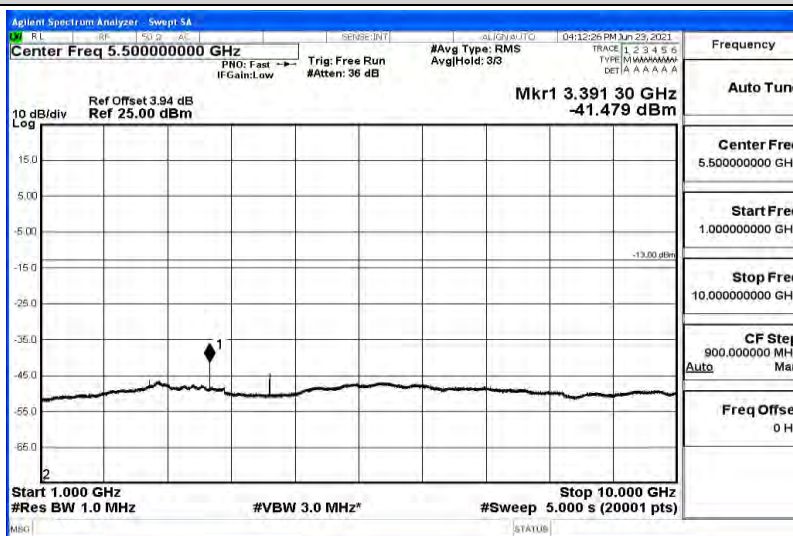
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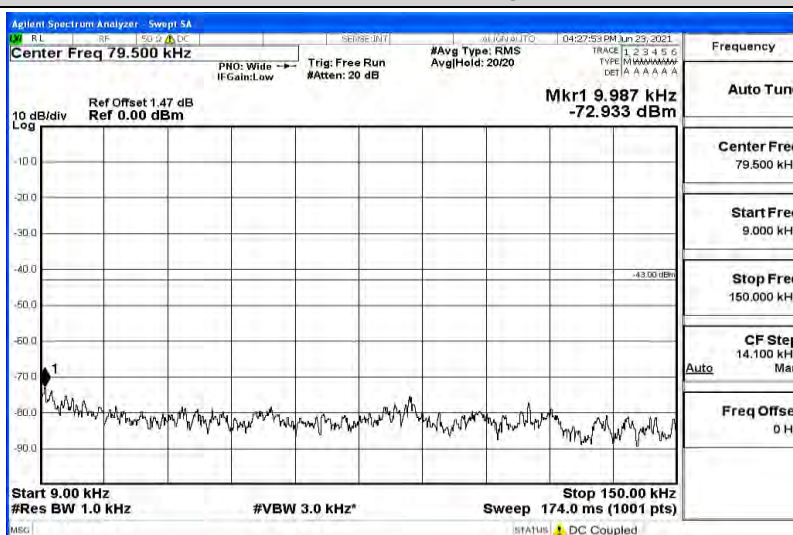
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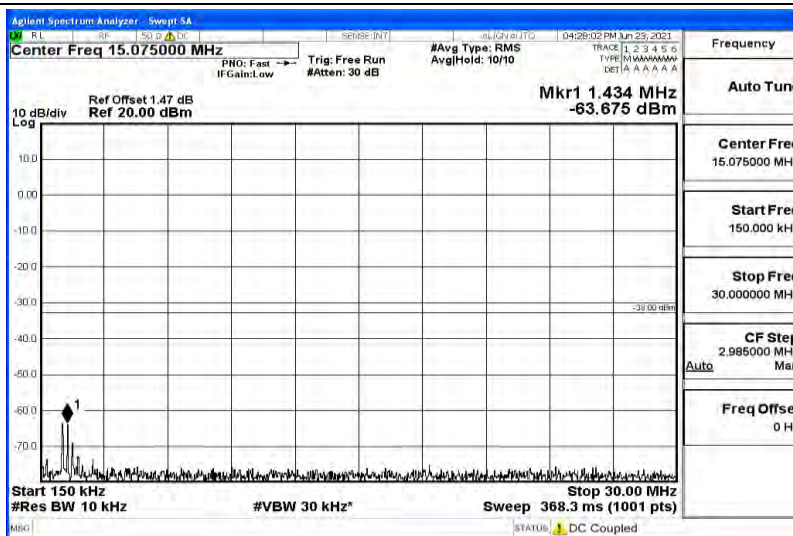
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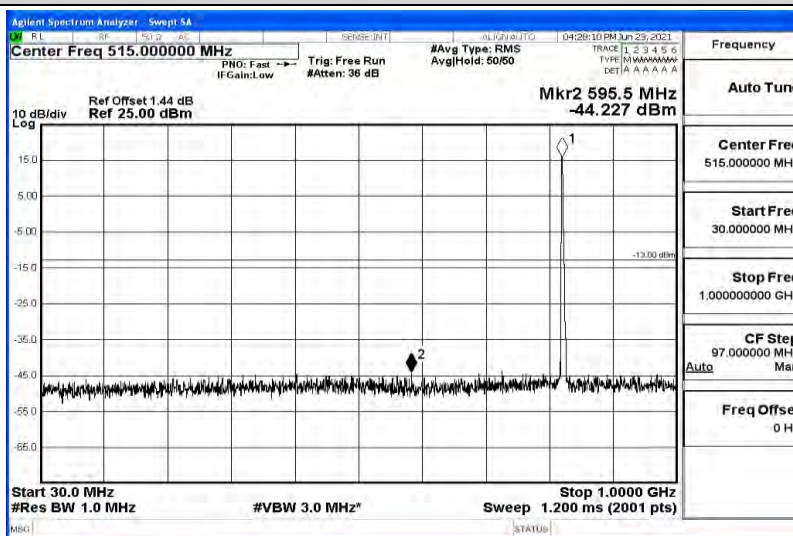
Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz



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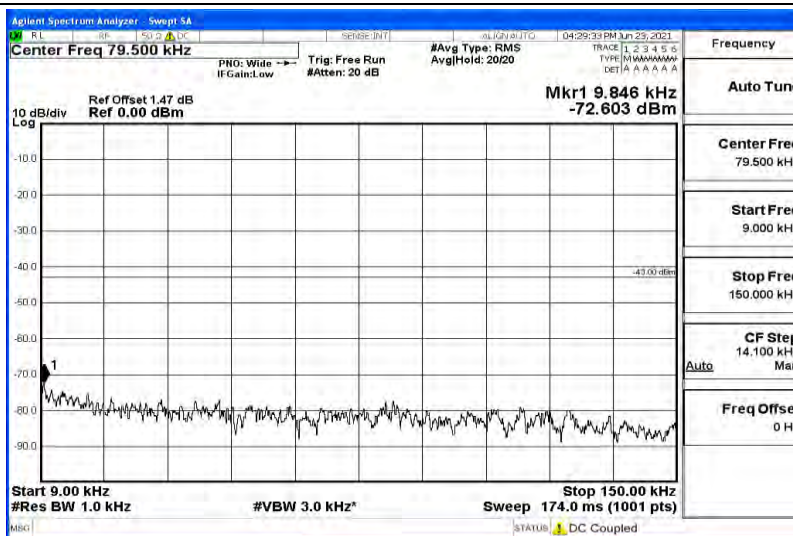
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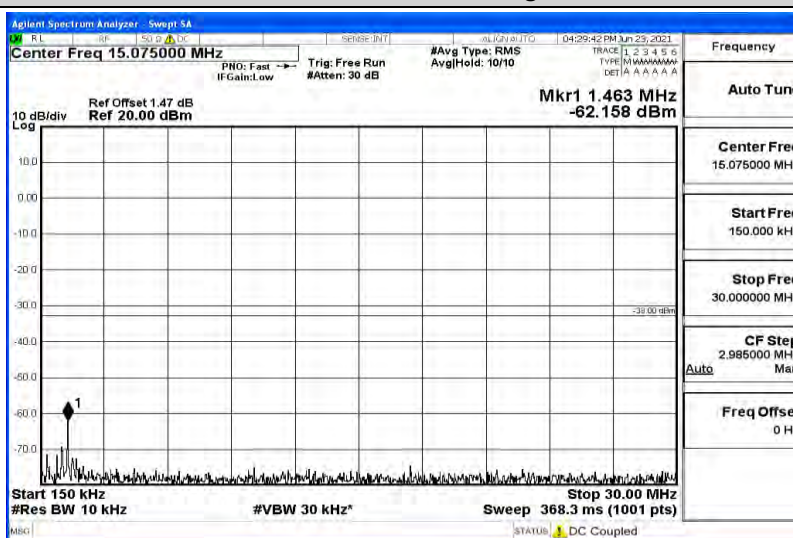
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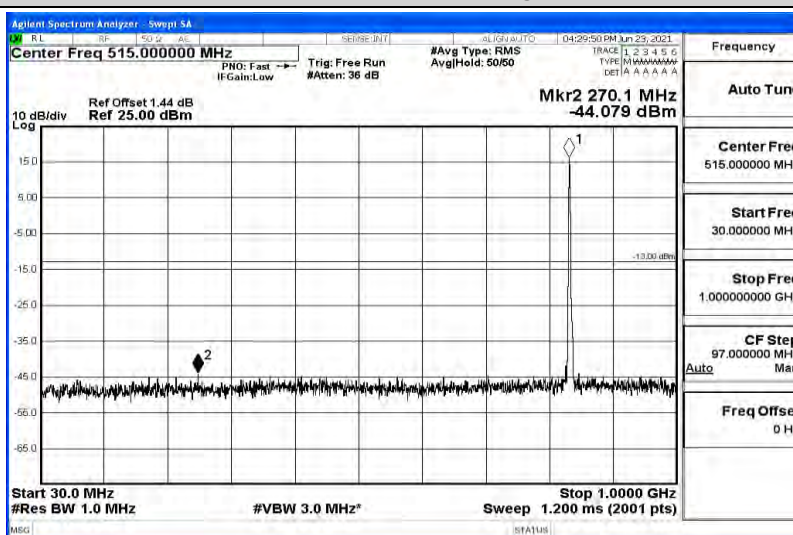
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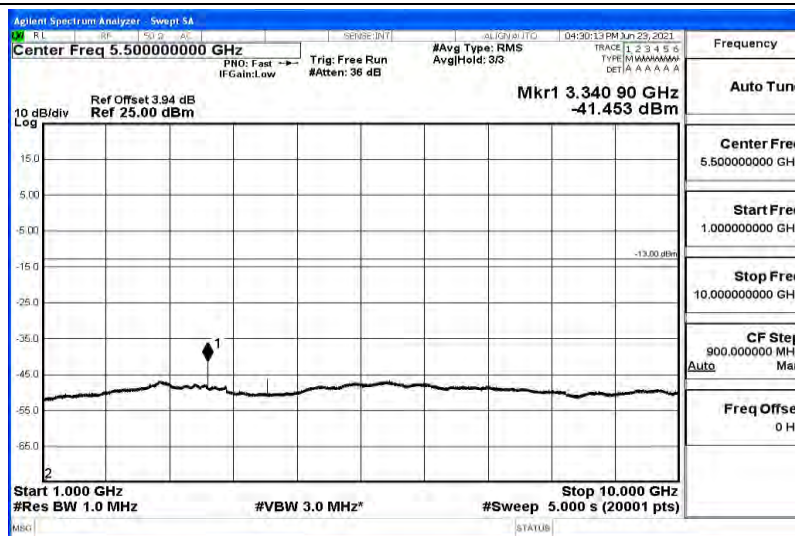
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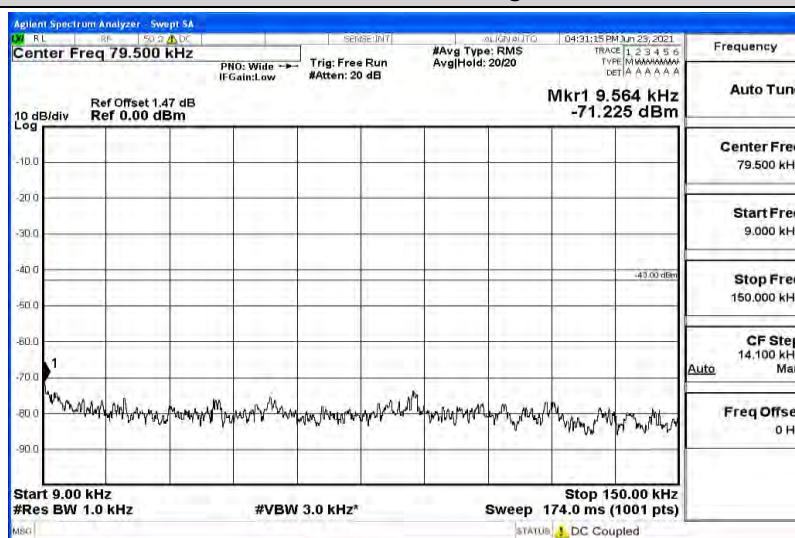
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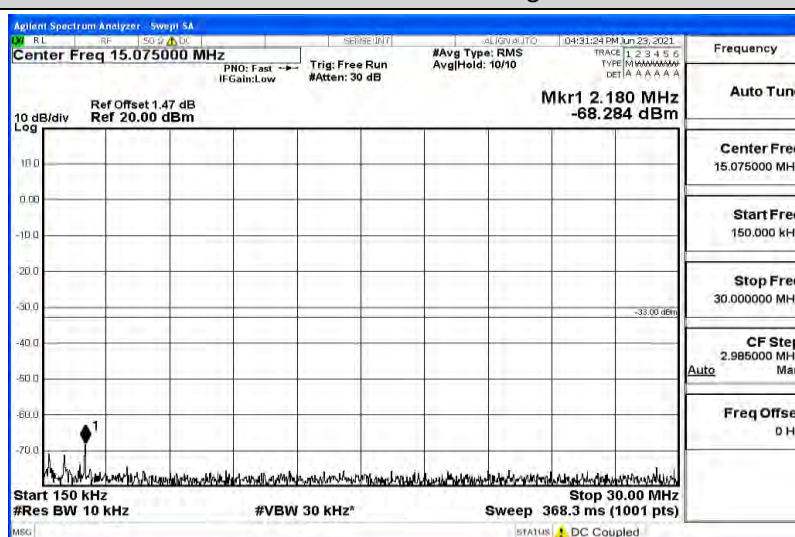
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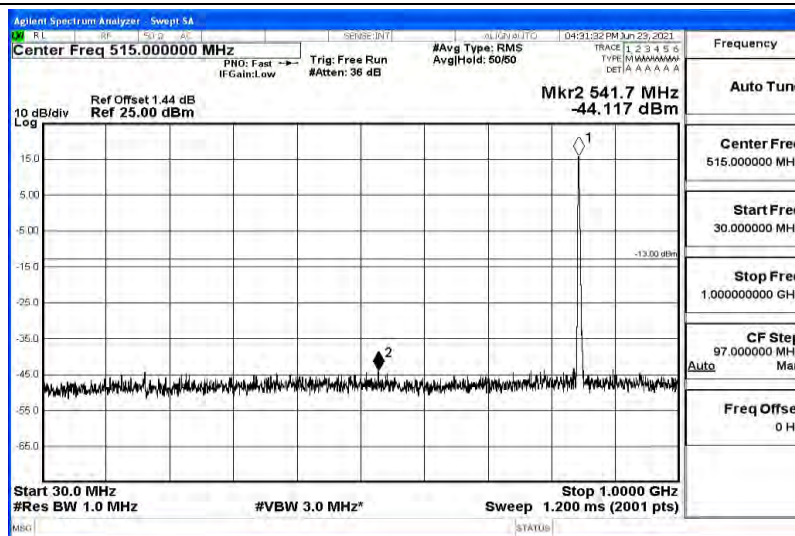
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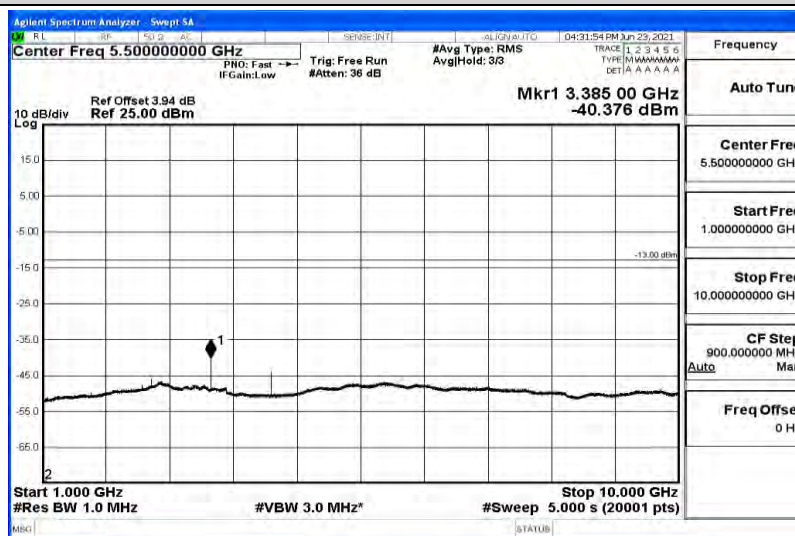
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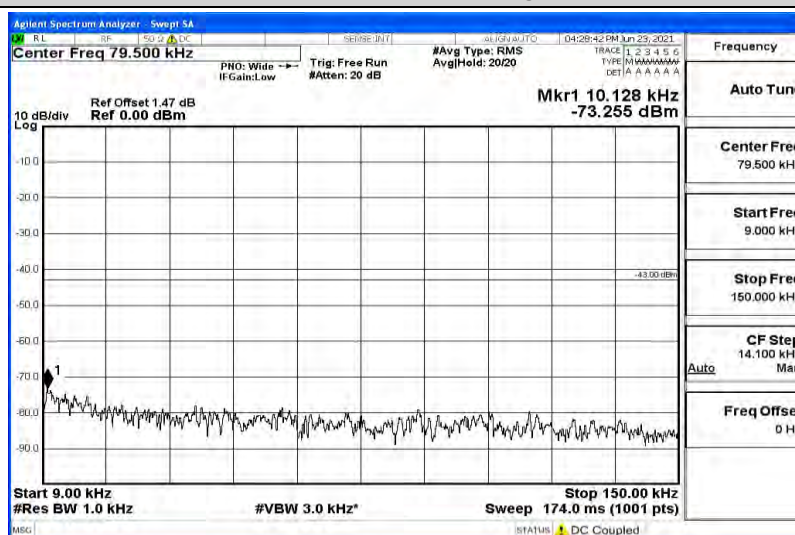
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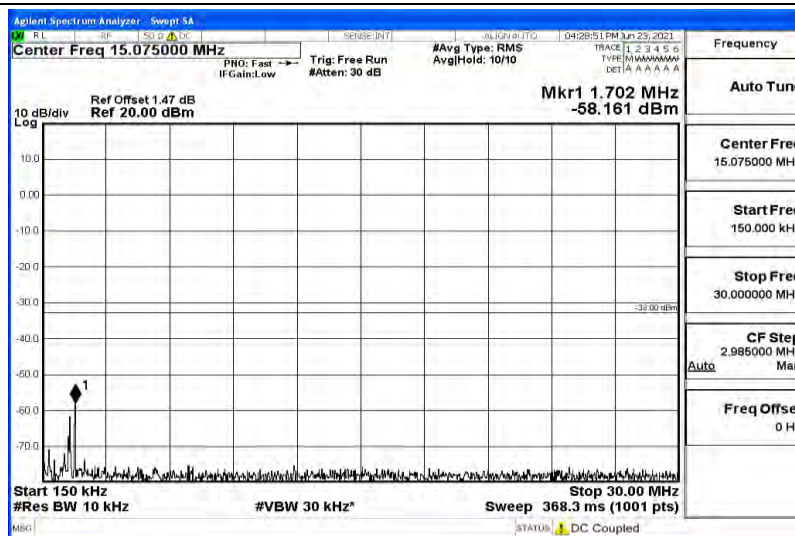
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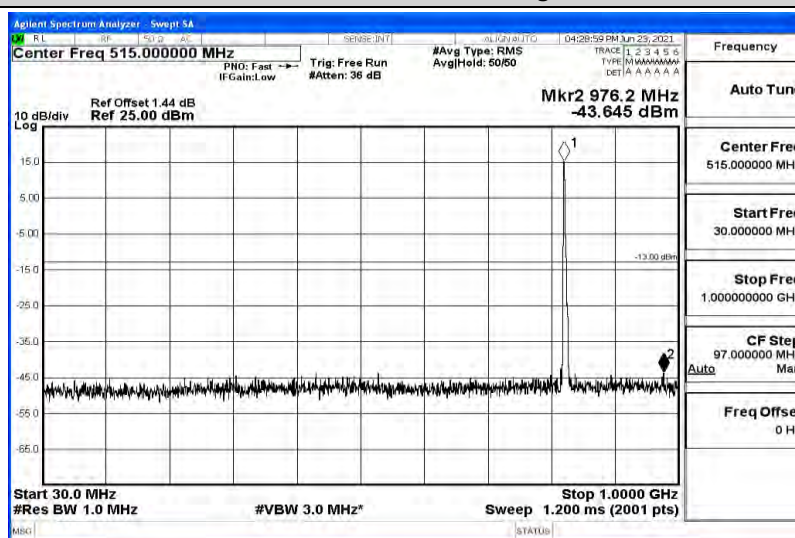
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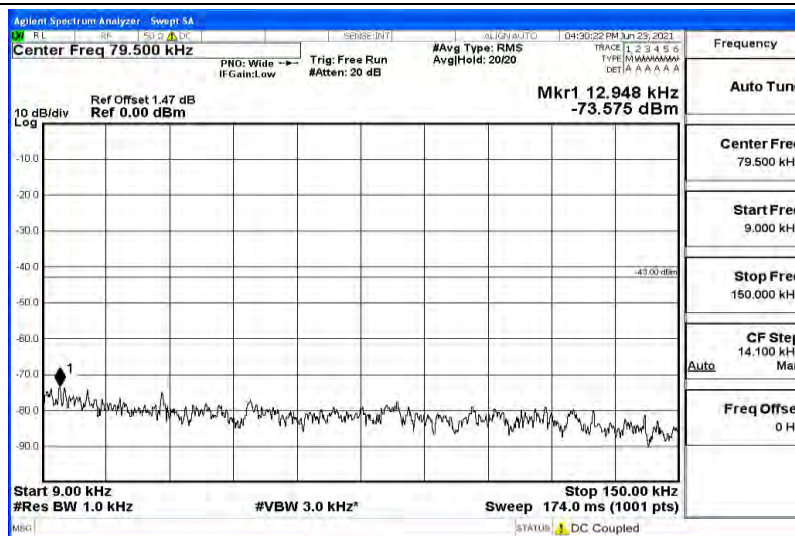
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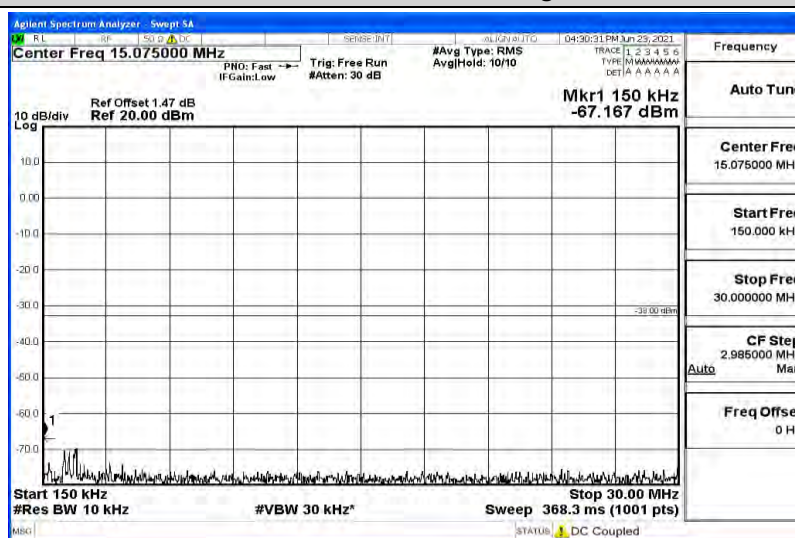
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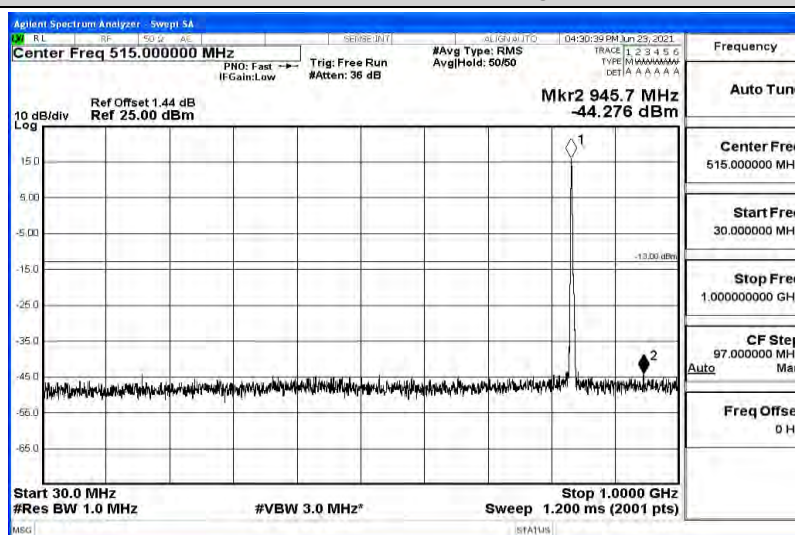
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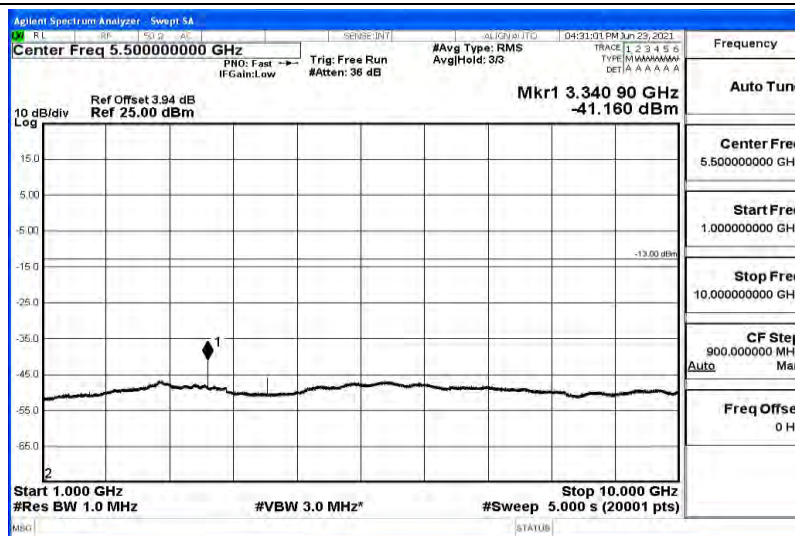
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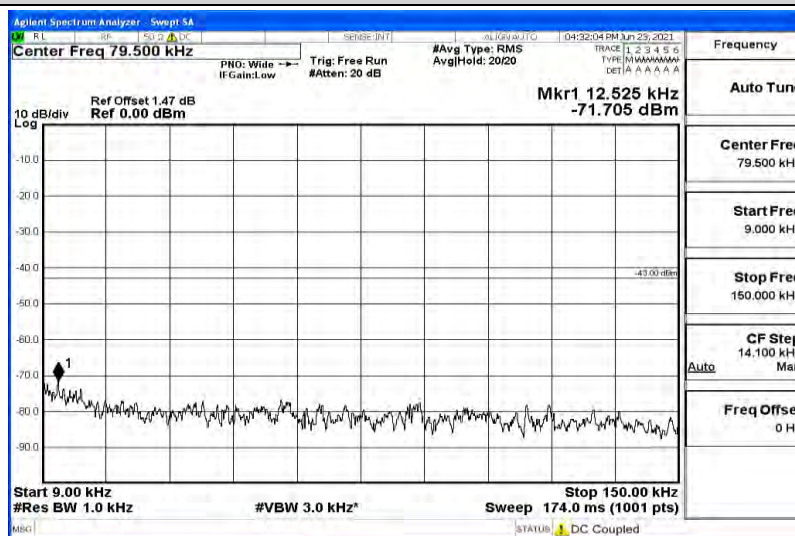
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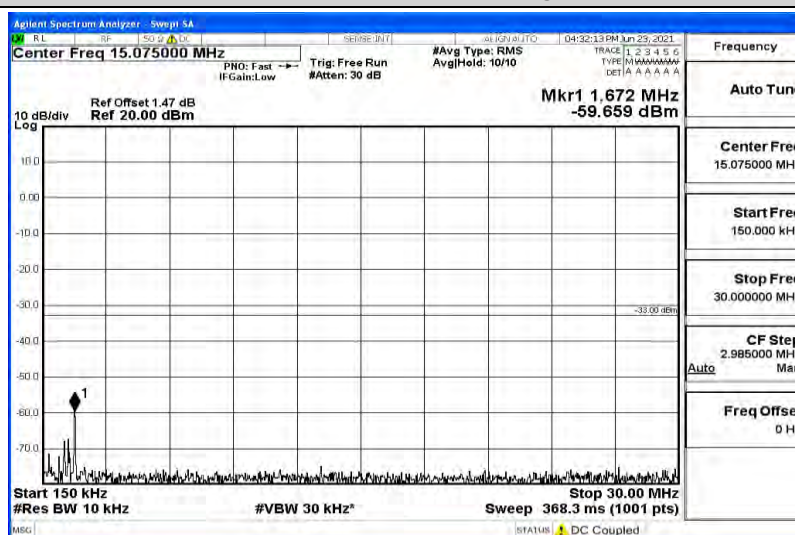
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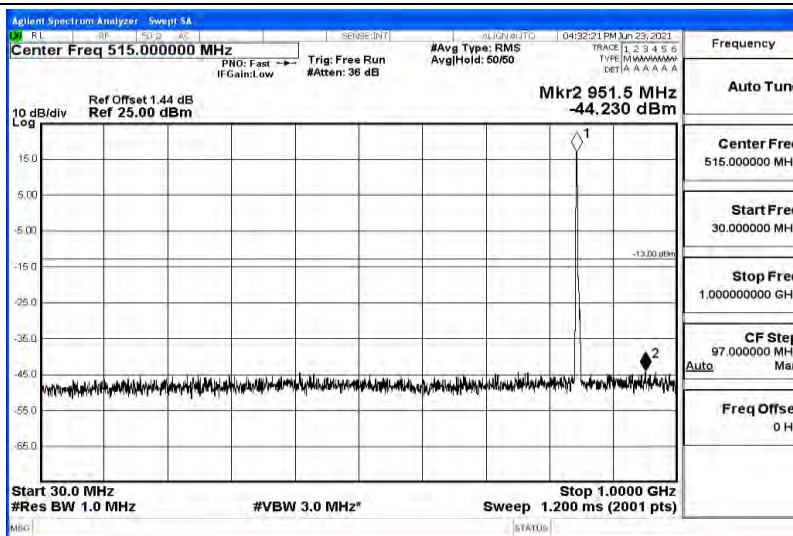
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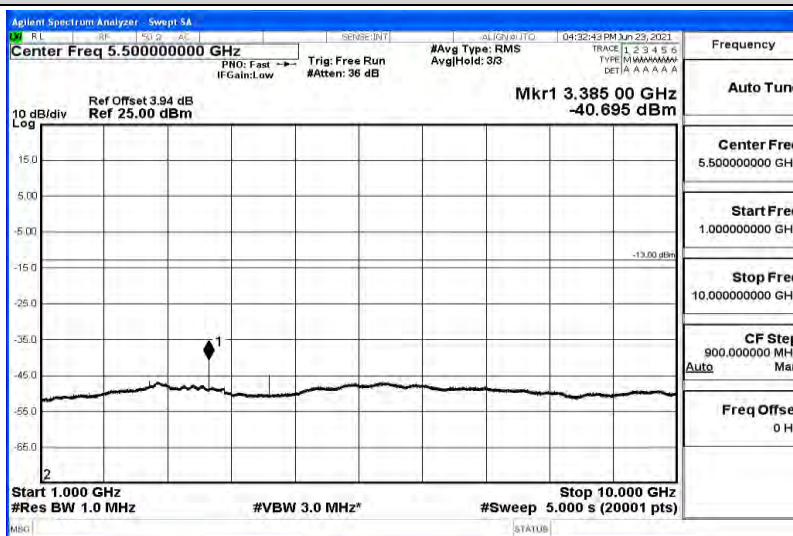
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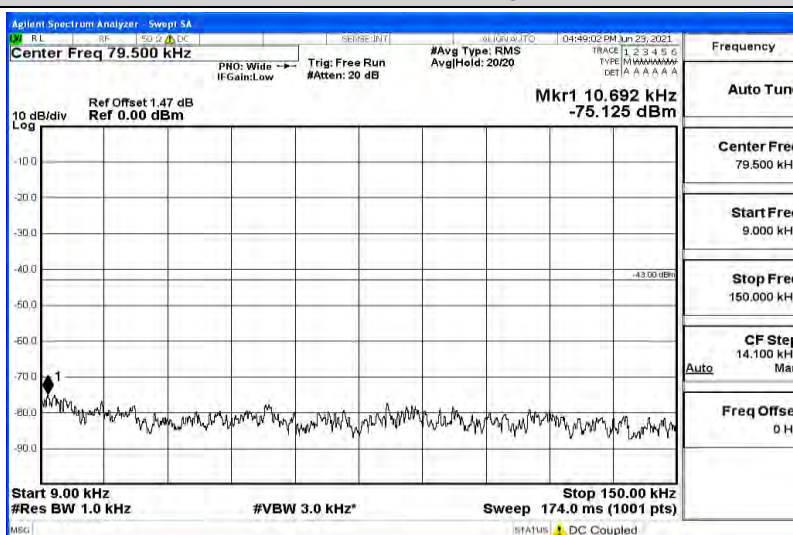
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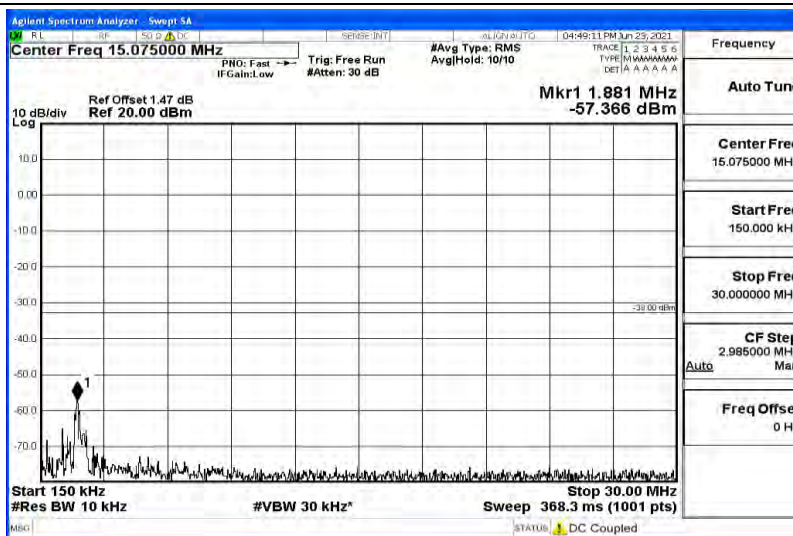
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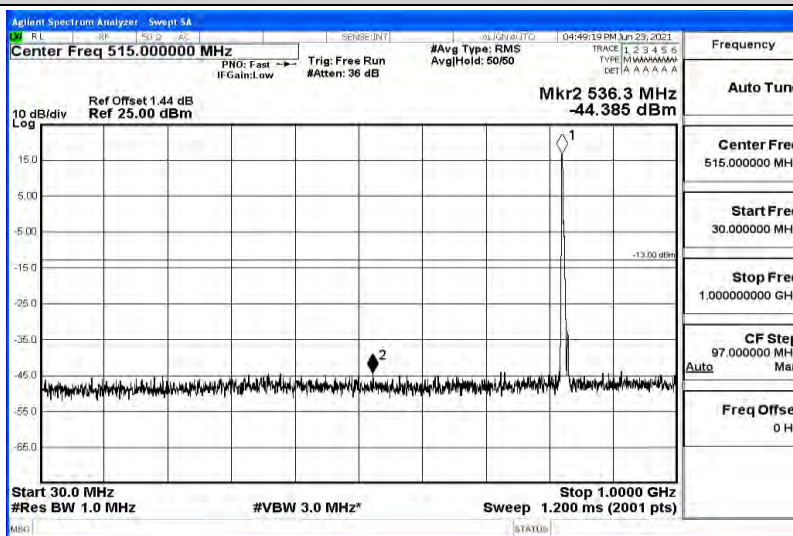
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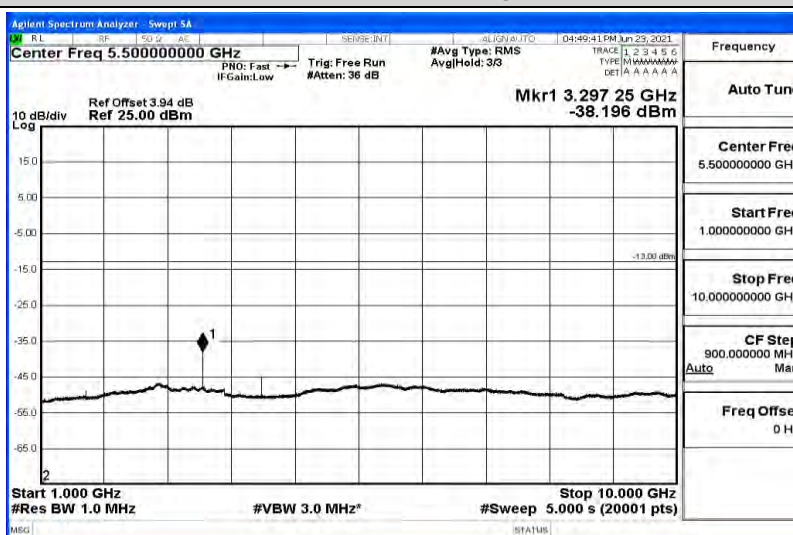
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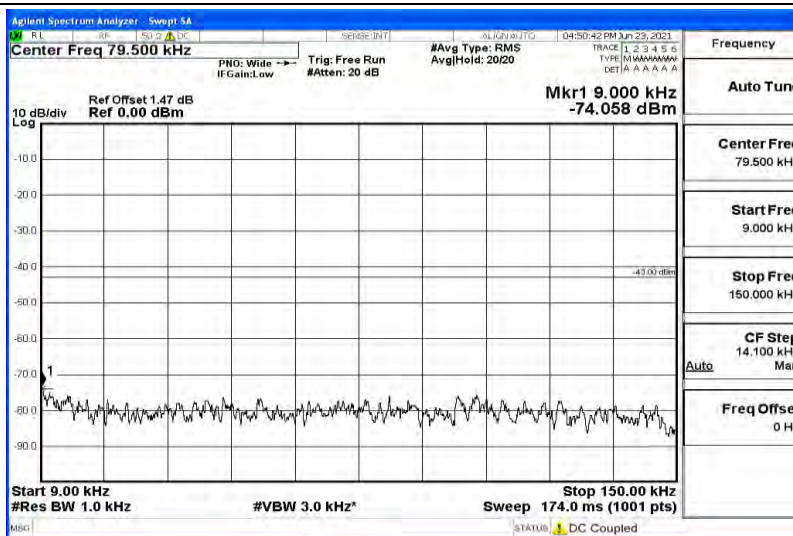
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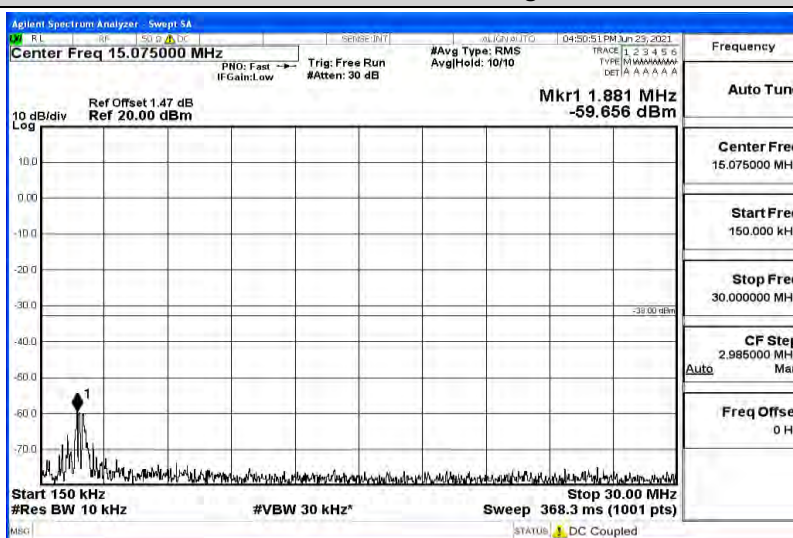
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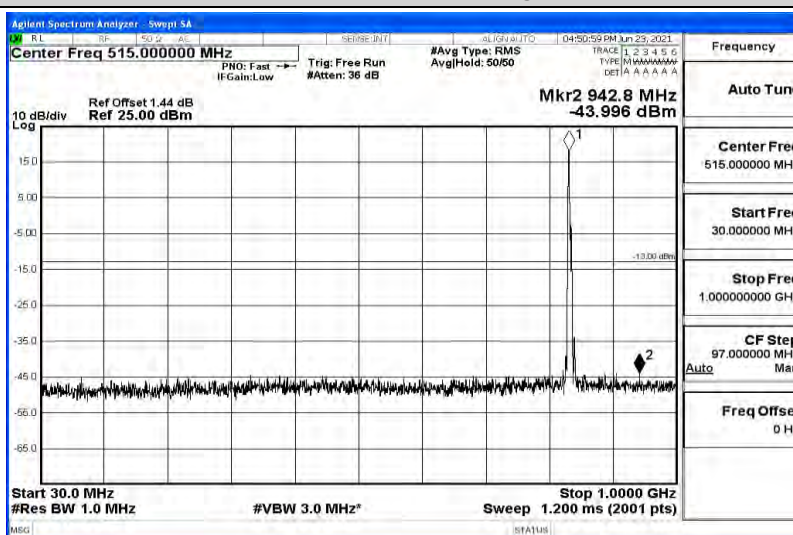
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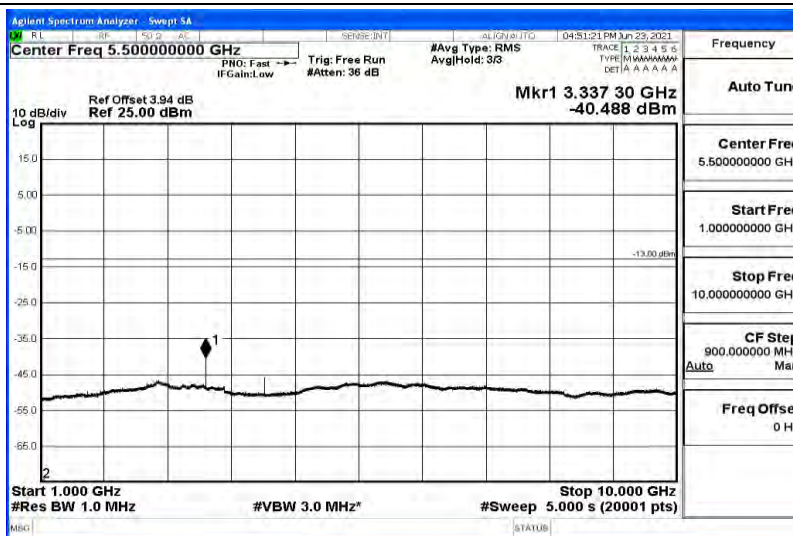
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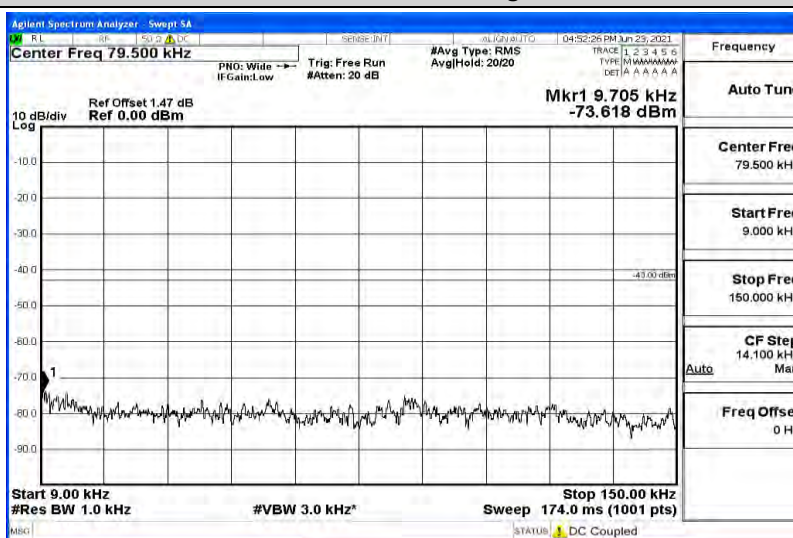
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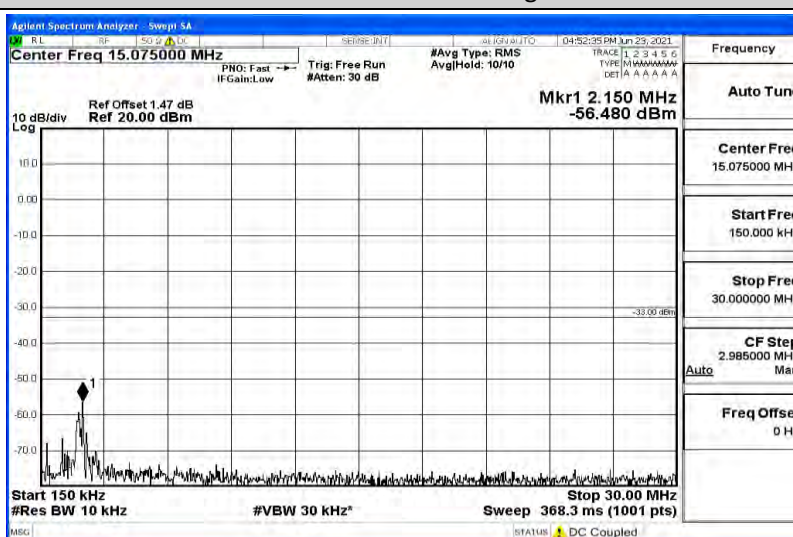
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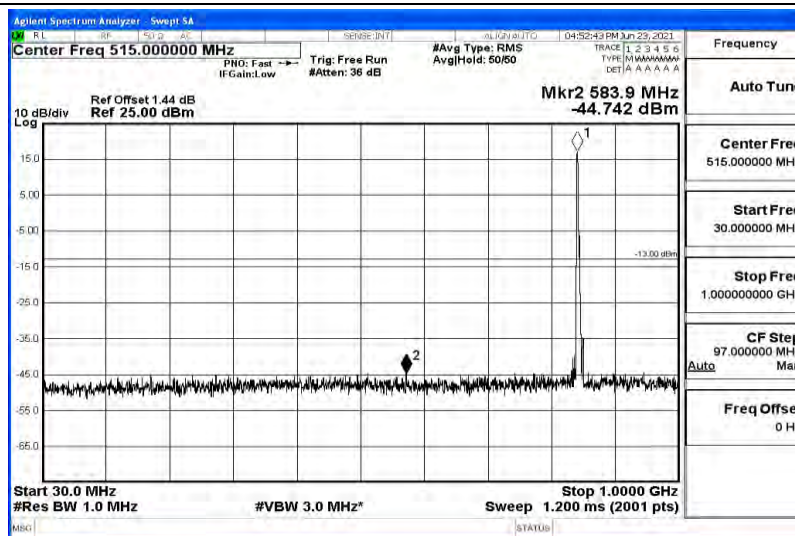
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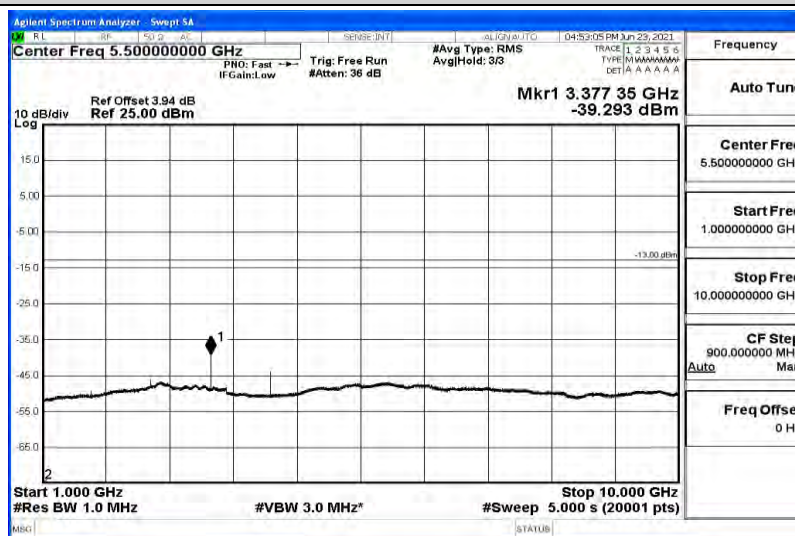
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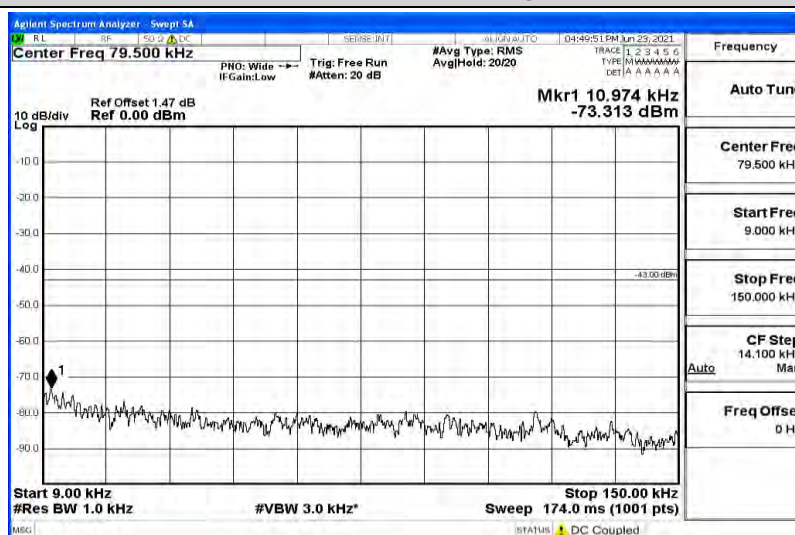
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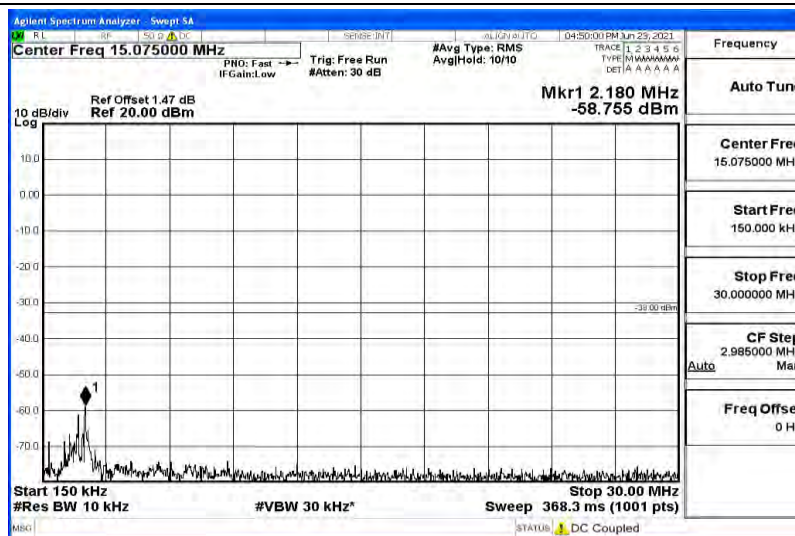
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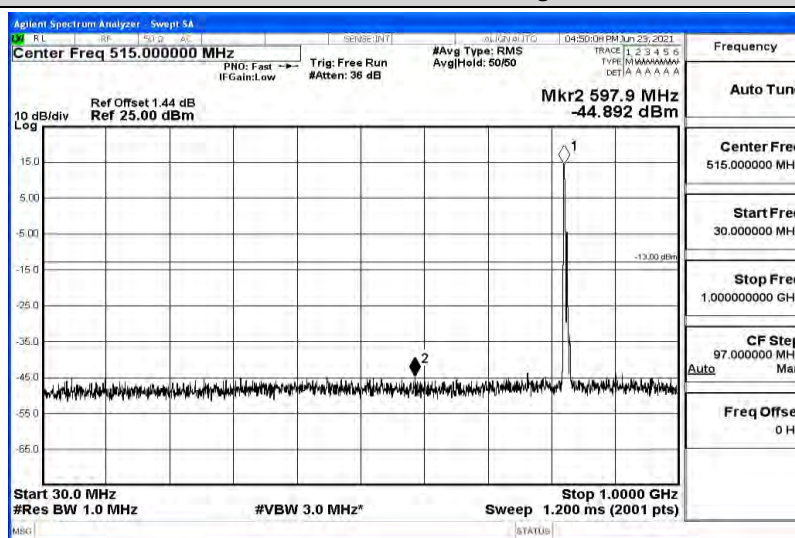
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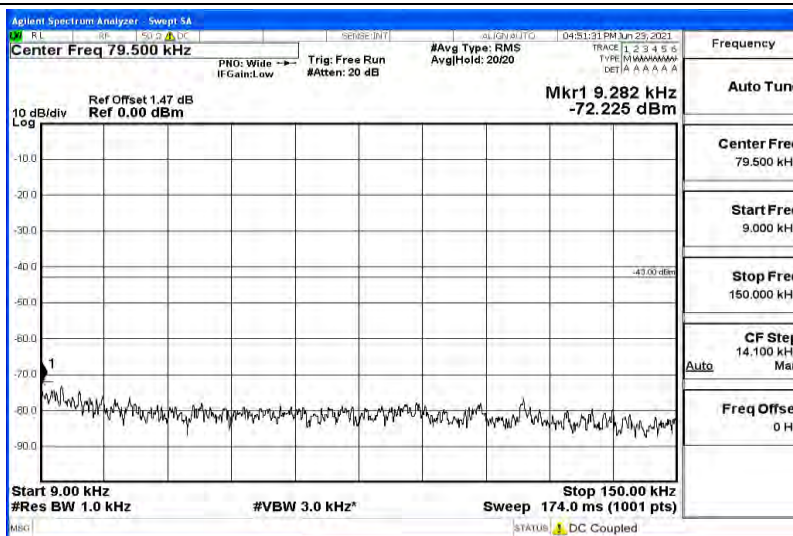
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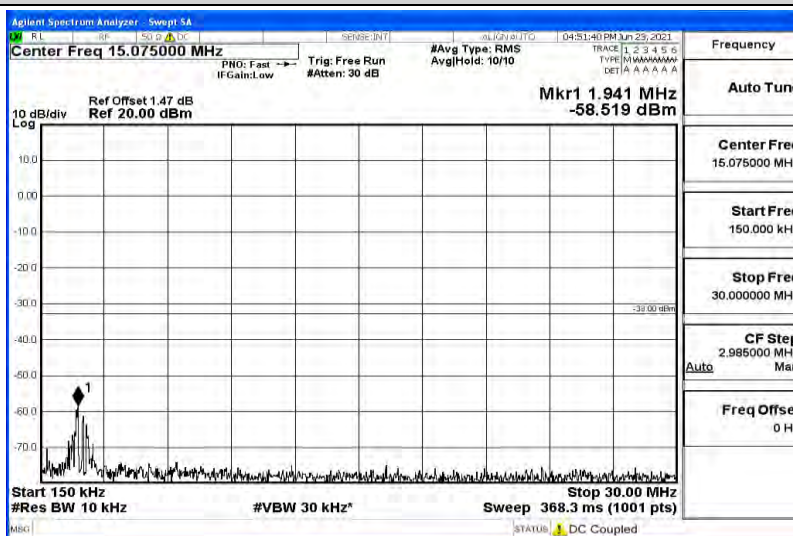
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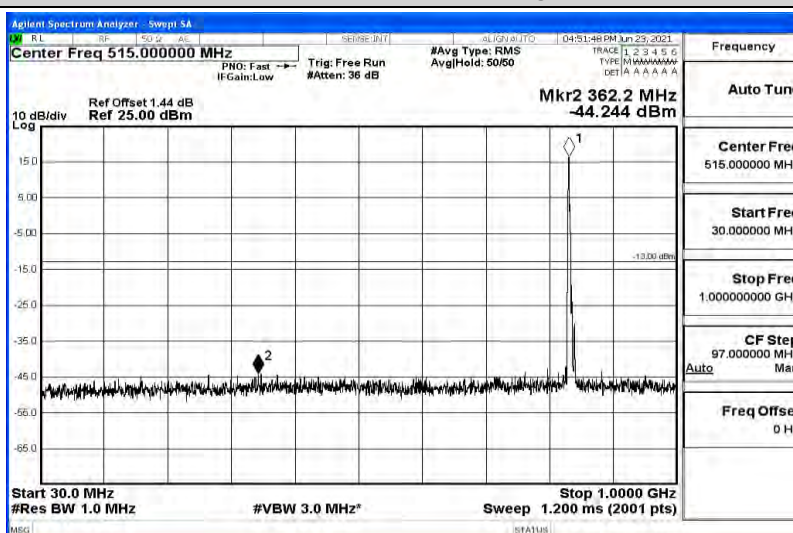
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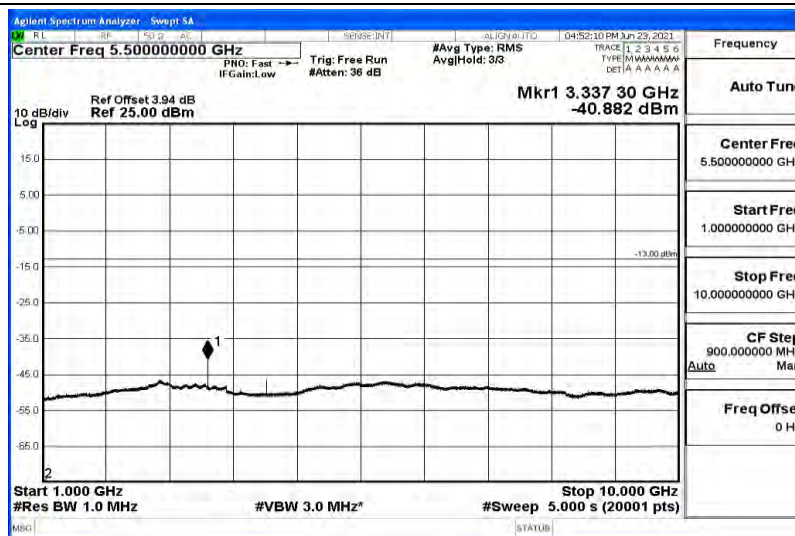
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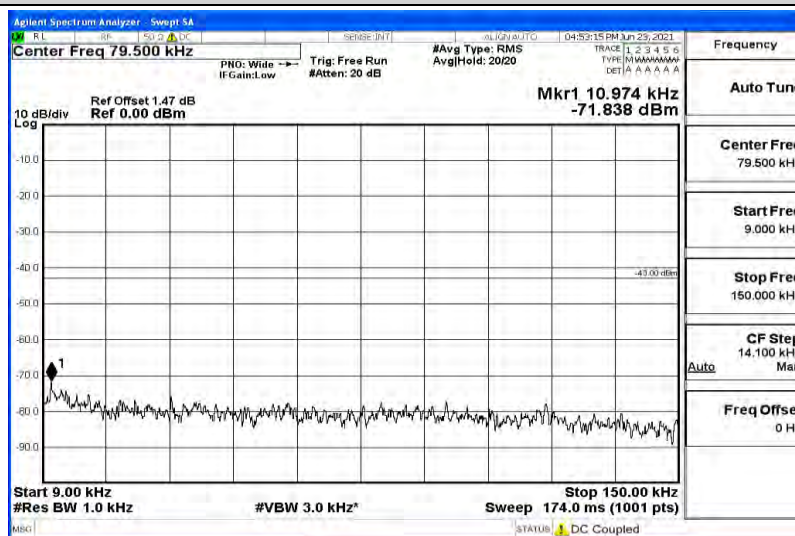
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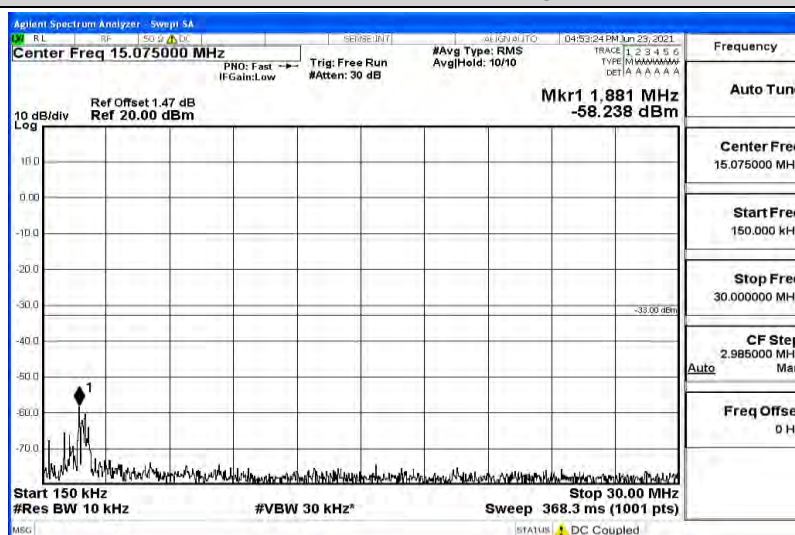
Band5-5MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



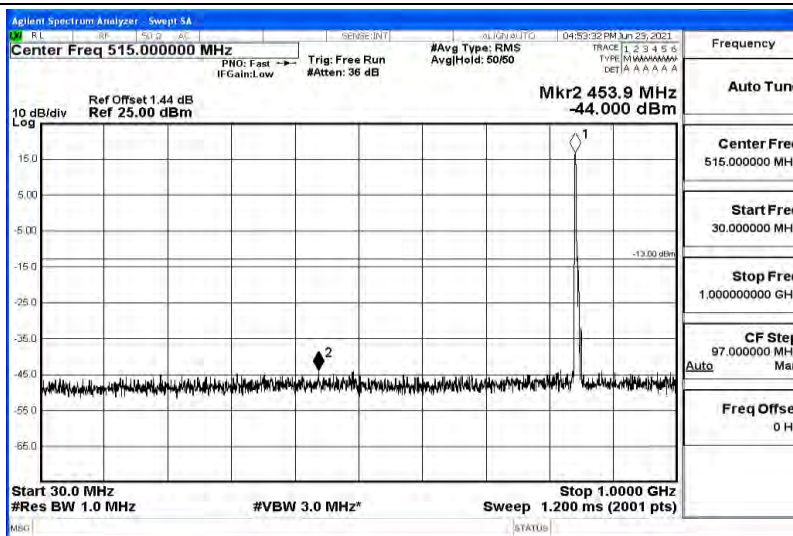
Band5-5MHz-16QAM-20625-1RB#0-Range1:0.009~0.15MHz



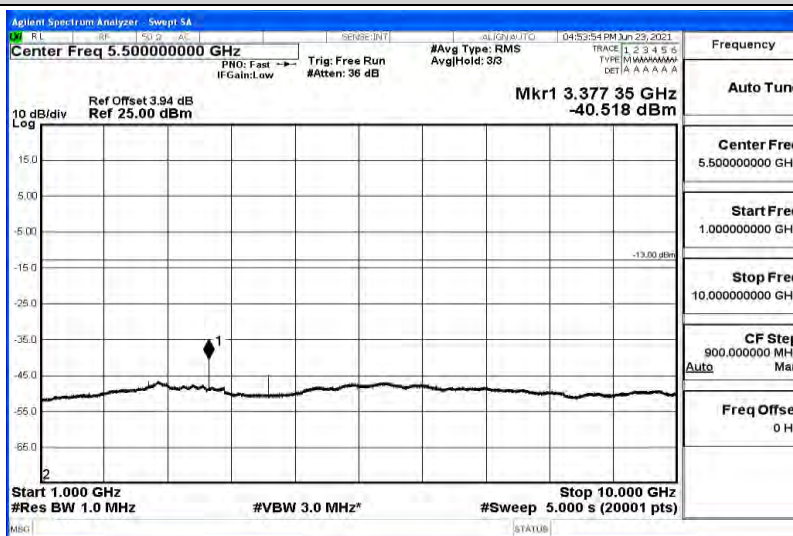
Band5-5MHz-16QAM-20625-1RB#0-Range2:0.15~30MHz



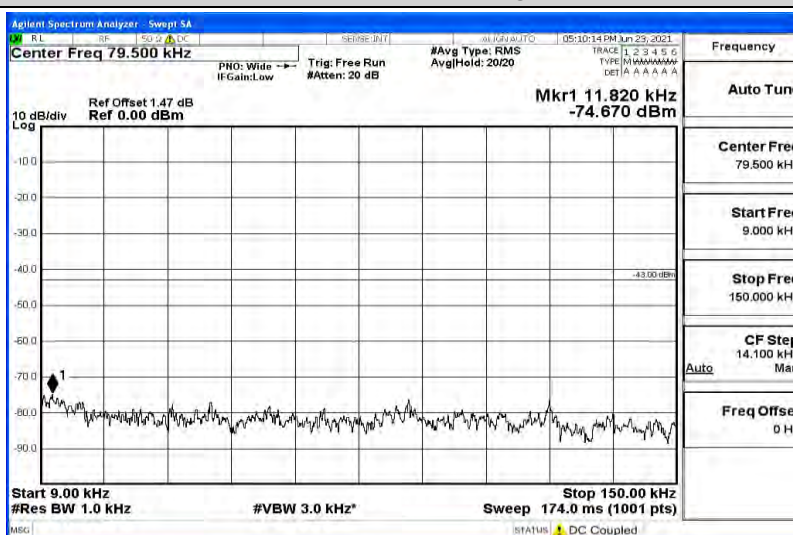
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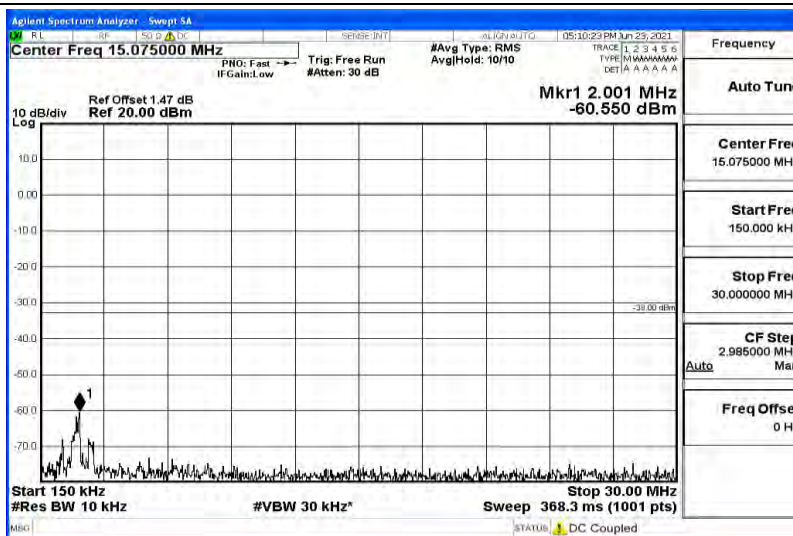
Band5-5MHz-16QAM-20625-1RB#0-Range4:1000~10000MHz



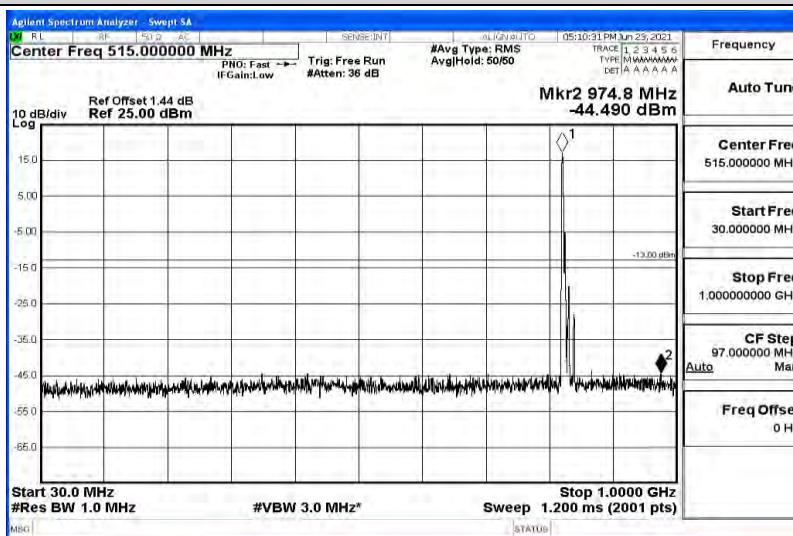
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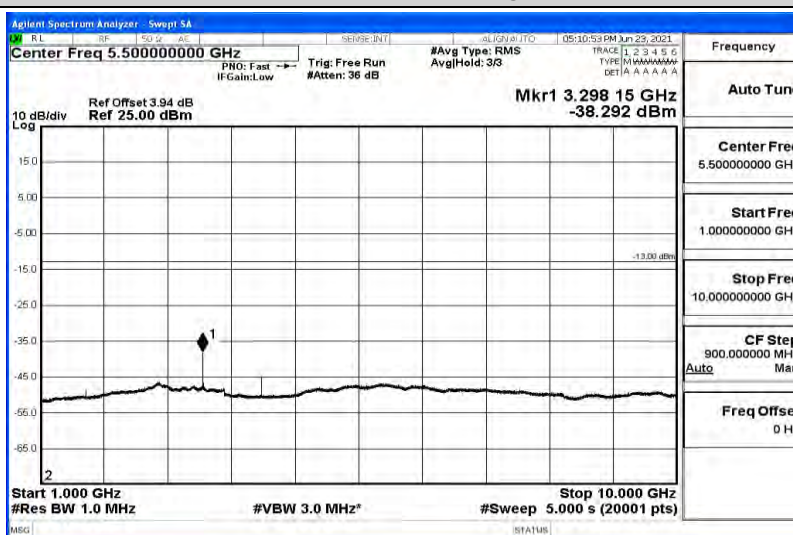
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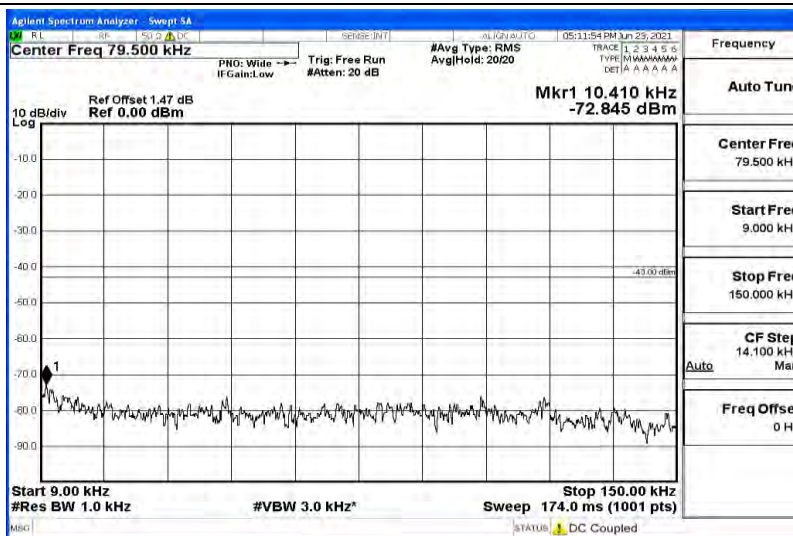
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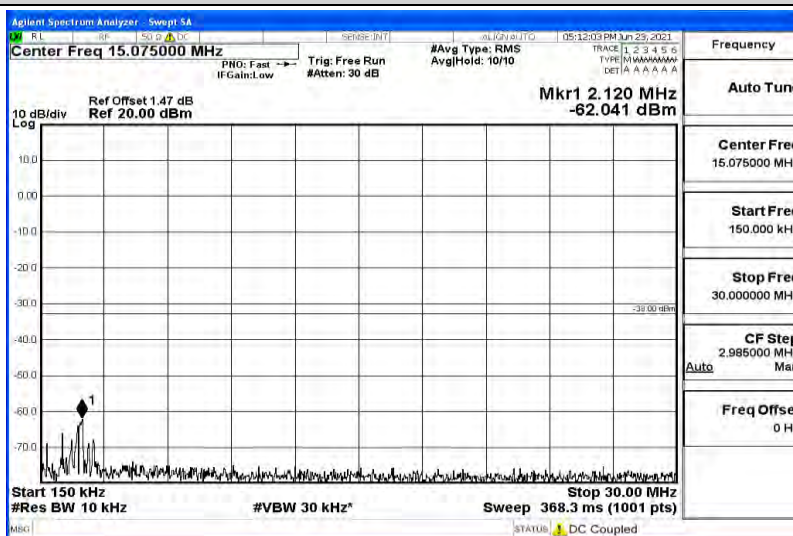
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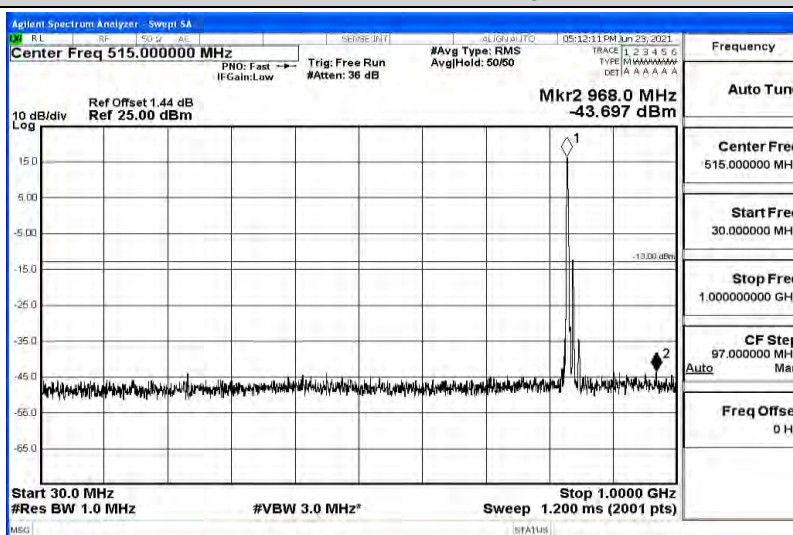
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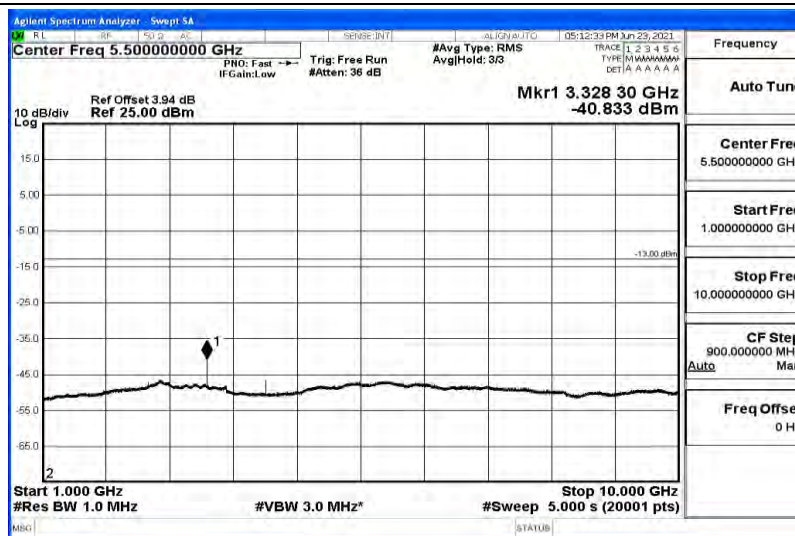
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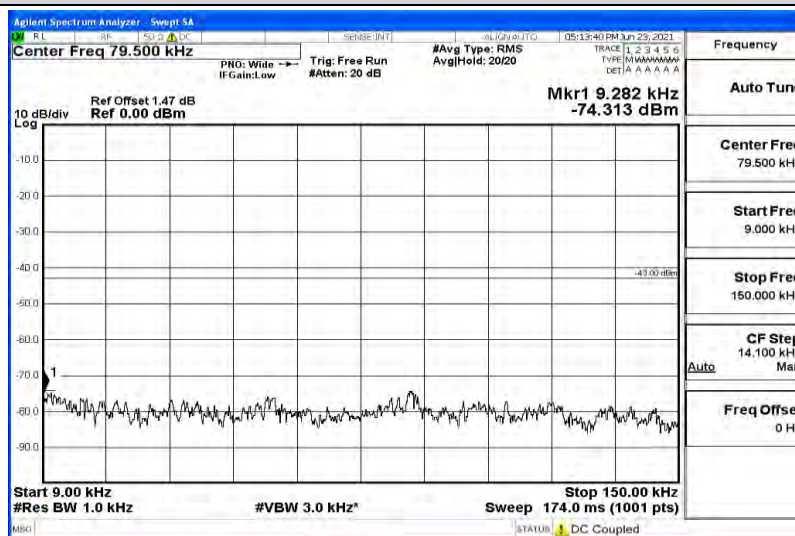
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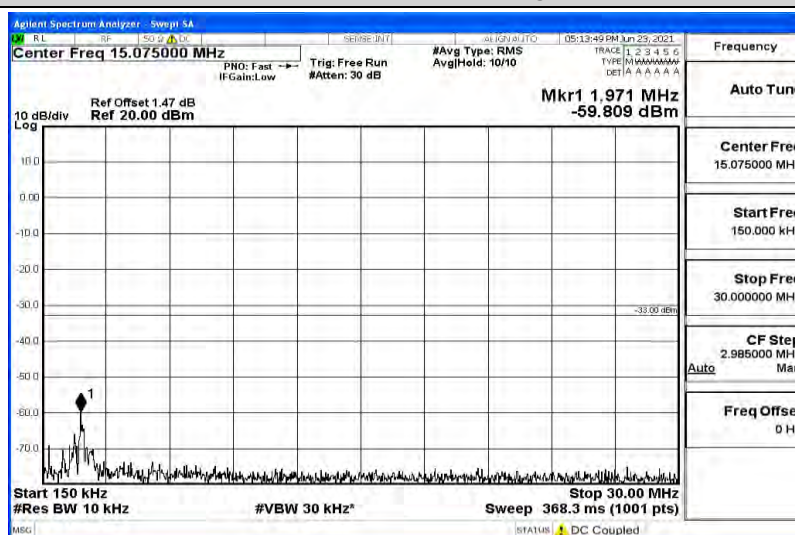
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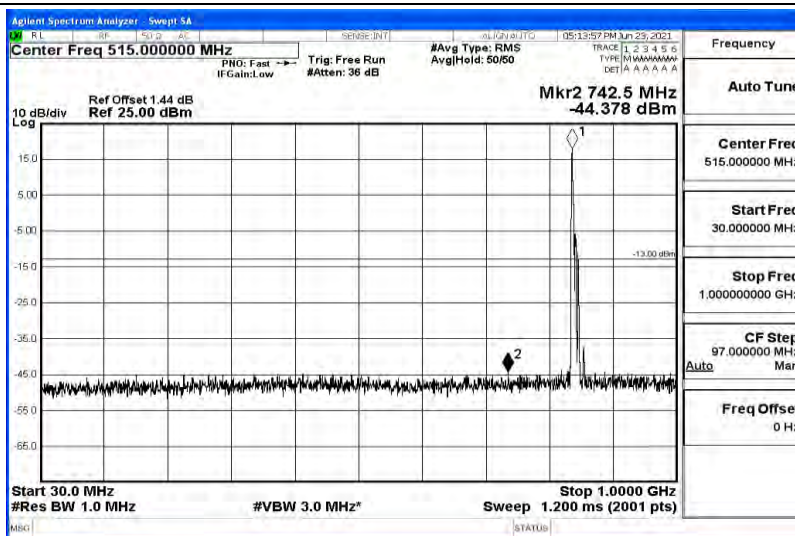
Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



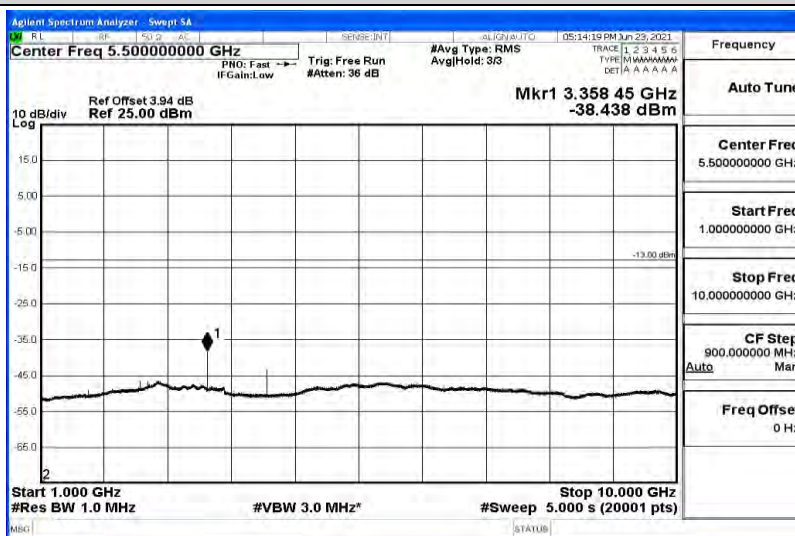
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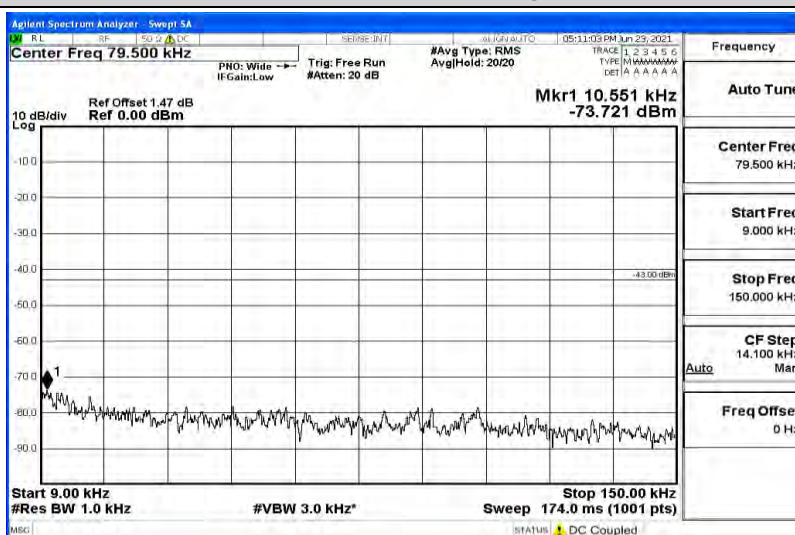
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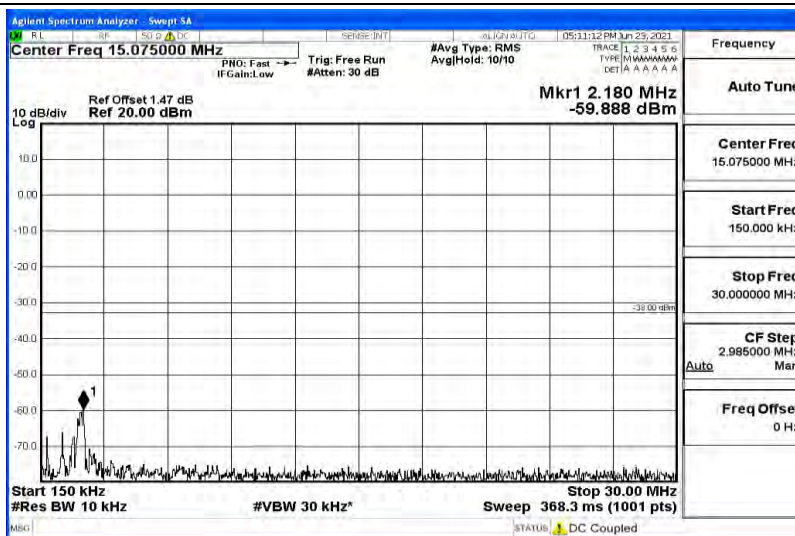
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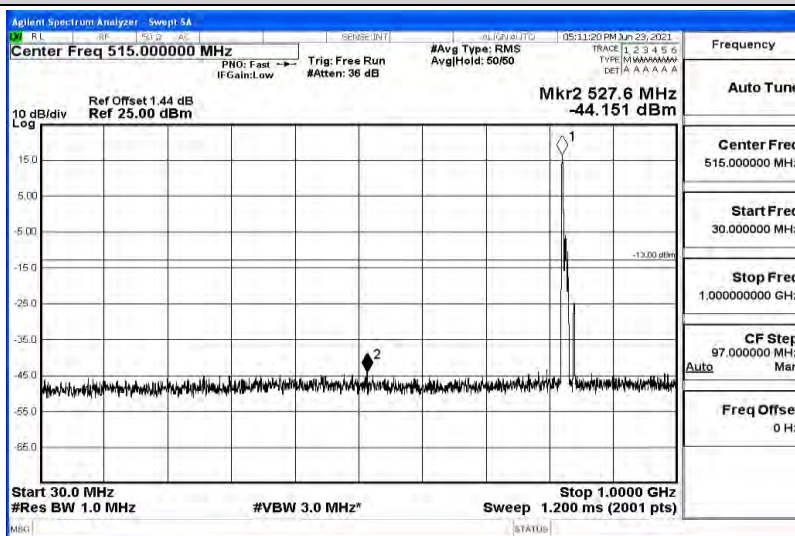
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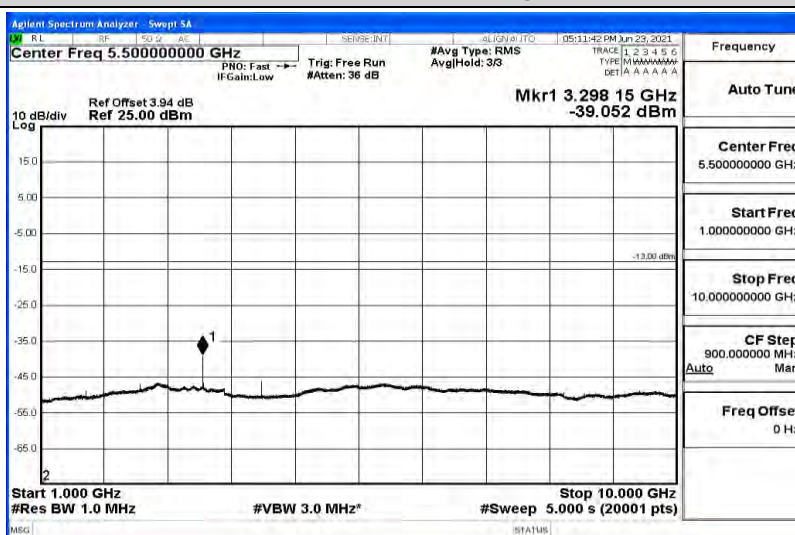
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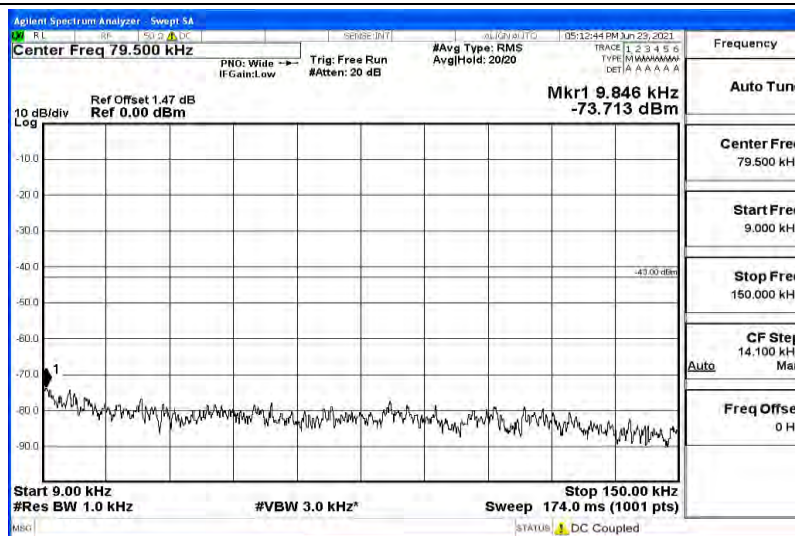
Band5-10MHz-16QAM-20450-1RB#0-Range3:30~1000MHz



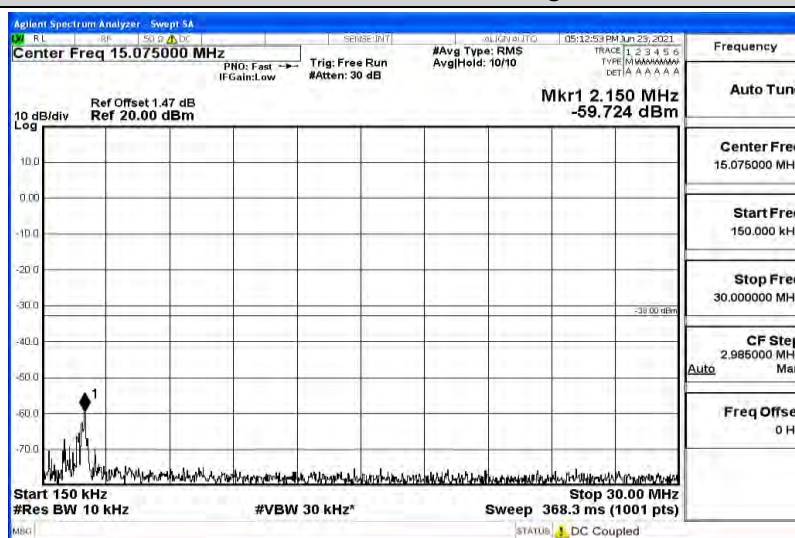
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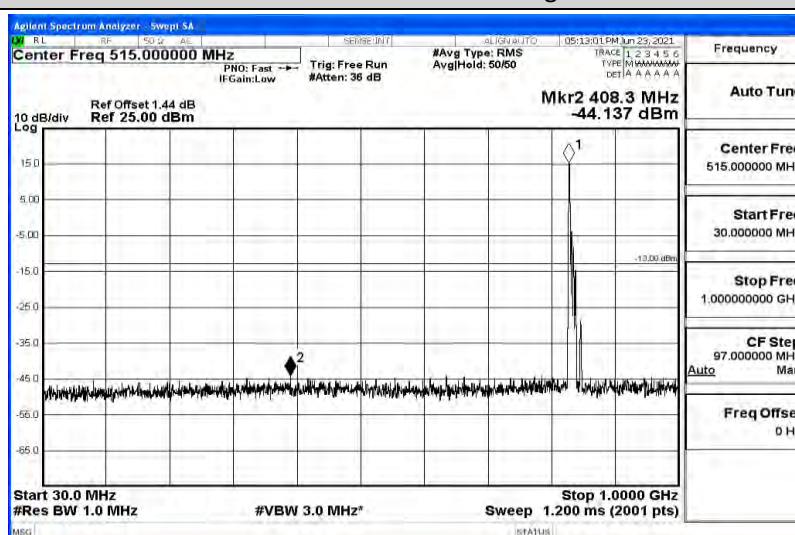
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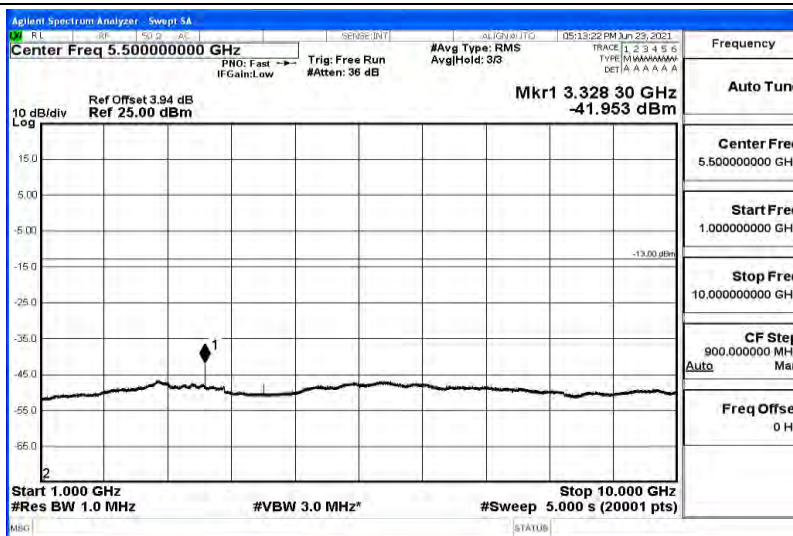
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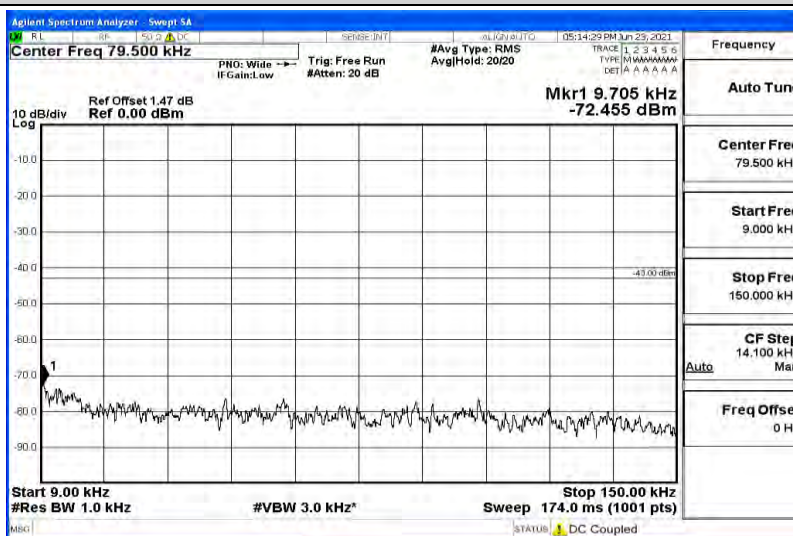
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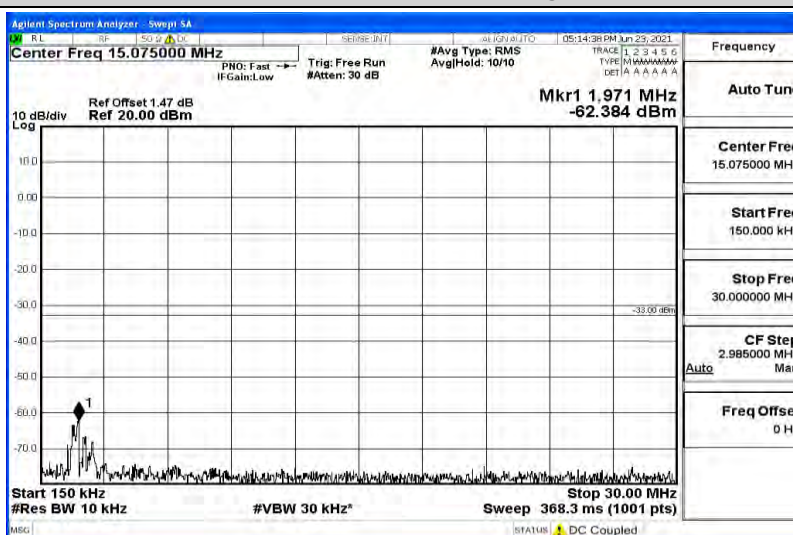
Band5-10MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



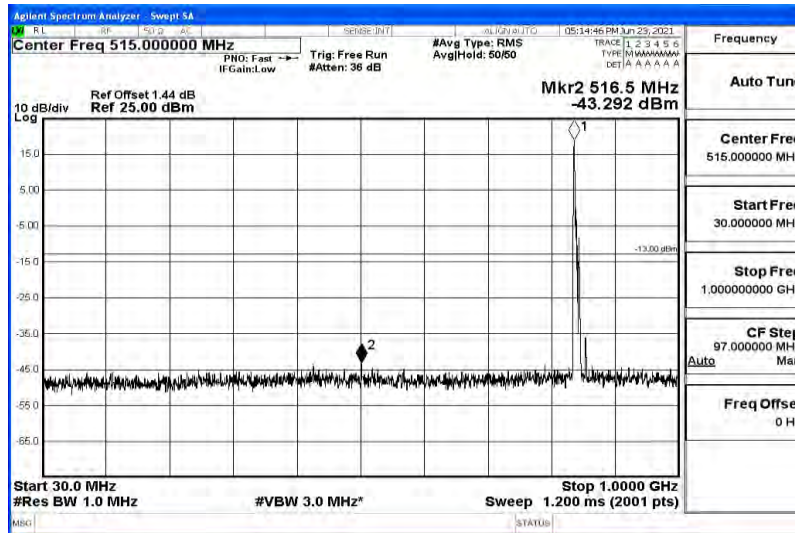
Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz

