



Appendix G: Test Data for E-UTRA Band 12

Product Name: Personal Safety Watch

Trade Mark: N/A

Test Model: EV-05

Environmental Conditions

Temperature:	21.5° C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan



G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.51	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.53	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.34	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.35	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.50	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.61	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.57	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.51	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.51	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.43	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	24.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	25.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	25.63	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	25.35	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	25.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	25.42	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	25.11	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	24.75	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.75	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.71	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.25	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.25	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.44	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.47	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.80	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.81	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.66	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.36	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.42	PASS



Band12	1.4MHz	16QAM	23095	3RB#1	23.41	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	23.50	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	24.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	24.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	24.24	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	24.40	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	24.39	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	24.05	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	23.87	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.23	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.42	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.78	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.91	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.88	PASS
Band12	3MHz	QPSK	23025	8RB#7	24.17	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.99	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.75	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.60	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.80	PASS
Band12	3MHz	QPSK	23095	8RB#7	24.57	PASS
Band12	3MHz	QPSK	23095	8RB#0	24.69	PASS
Band12	3MHz	QPSK	23095	8RB#4	24.66	PASS
Band12	3MHz	QPSK	23095	15RB#0	24.58	PASS
Band12	3MHz	QPSK	23165	1RB#8	25.41	PASS
Band12	3MHz	QPSK	23165	1RB#0	25.67	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.98	PASS
Band12	3MHz	QPSK	23165	8RB#0	24.94	PASS
Band12	3MHz	QPSK	23165	8RB#7	24.66	PASS
Band12	3MHz	QPSK	23165	8RB#4	24.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	24.70	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.93	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.39	PASS
Band12	3MHz	16QAM	23025	8RB#7	23.23	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.96	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.99	PASS
Band12	3MHz	16QAM	23025	15RB#0	23.03	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.72	PASS



Band12	3MHz	16QAM	23095	1RB#0	23.88	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.95	PASS
Band12	3MHz	16QAM	23095	8RB#7	23.62	PASS
Band12	3MHz	16QAM	23095	8RB#0	23.74	PASS
Band12	3MHz	16QAM	23095	8RB#4	23.72	PASS
Band12	3MHz	16QAM	23095	15RB#0	23.62	PASS
Band12	3MHz	16QAM	23165	1RB#8	24.39	PASS
Band12	3MHz	16QAM	23165	1RB#0	24.86	PASS
Band12	3MHz	16QAM	23165	1RB#14	24.12	PASS
Band12	3MHz	16QAM	23165	8RB#0	24.01	PASS
Band12	3MHz	16QAM	23165	8RB#4	24.01	PASS
Band12	3MHz	16QAM	23165	8RB#7	23.46	PASS
Band12	3MHz	16QAM	23165	15RB#0	23.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.71	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.69	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.74	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.97	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.93	PASS
Band12	5MHz	QPSK	23035	12RB#13	24.41	PASS
Band12	5MHz	QPSK	23035	25RB#0	24.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.87	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.61	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.91	PASS
Band12	5MHz	QPSK	23095	12RB#0	24.67	PASS
Band12	5MHz	QPSK	23095	12RB#6	24.66	PASS
Band12	5MHz	QPSK	23095	12RB#13	24.52	PASS
Band12	5MHz	QPSK	23095	25RB#0	24.55	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.92	PASS
Band12	5MHz	QPSK	23155	1RB#0	25.23	PASS
Band12	5MHz	QPSK	23155	1RB#12	25.65	PASS
Band12	5MHz	QPSK	23155	12RB#0	24.74	PASS
Band12	5MHz	QPSK	23155	12RB#6	24.73	PASS
Band12	5MHz	QPSK	23155	12RB#13	24.57	PASS
Band12	5MHz	QPSK	23155	25RB#0	24.74	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.66	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.65	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.75	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.94	PASS



Band12	5MHz	16QAM	23035	12RB#0	22.96	PASS
Band12	5MHz	16QAM	23035	12RB#13	23.43	PASS
Band12	5MHz	16QAM	23035	25RB#0	23.20	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.82	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.89	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.63	PASS
Band12	5MHz	16QAM	23095	12RB#13	23.54	PASS
Band12	5MHz	16QAM	23095	12RB#0	23.70	PASS
Band12	5MHz	16QAM	23095	12RB#6	23.68	PASS
Band12	5MHz	16QAM	23095	25RB#0	23.59	PASS
Band12	5MHz	16QAM	23155	1RB#12	24.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	24.38	PASS
Band12	5MHz	16QAM	23155	1RB#24	24.15	PASS
Band12	5MHz	16QAM	23155	12RB#0	23.92	PASS
Band12	5MHz	16QAM	23155	12RB#6	23.61	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.51	PASS
Band12	5MHz	16QAM	23155	25RB#0	23.75	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.13	PASS
Band12	10MHz	QPSK	23060	1RB#24	25.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.29	PASS
Band12	10MHz	QPSK	23060	25RB#0	24.25	PASS
Band12	10MHz	QPSK	23060	25RB#12	24.21	PASS
Band12	10MHz	QPSK	23060	25RB#25	24.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	24.40	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.84	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.92	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.84	PASS
Band12	10MHz	QPSK	23095	25RB#25	24.65	PASS
Band12	10MHz	QPSK	23095	25RB#0	24.54	PASS
Band12	10MHz	QPSK	23095	25RB#12	24.51	PASS
Band12	10MHz	QPSK	23095	50RB#0	24.52	PASS
Band12	10MHz	QPSK	23130	1RB#24	25.36	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.94	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.47	PASS
Band12	10MHz	QPSK	23130	25RB#0	24.43	PASS
Band12	10MHz	QPSK	23130	25RB#25	24.81	PASS
Band12	10MHz	QPSK	23130	25RB#12	24.40	PASS
Band12	10MHz	QPSK	23130	50RB#0	24.75	PASS



Band12	10MHz	16QAM	23060	1RB#49	23.30	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.49	PASS
Band12	10MHz	16QAM	23060	1RB#24	24.39	PASS
Band12	10MHz	16QAM	23060	25RB#25	23.68	PASS
Band12	10MHz	16QAM	23060	25RB#12	23.18	PASS
Band12	10MHz	16QAM	23060	25RB#0	23.23	PASS
Band12	10MHz	16QAM	23060	50RB#0	23.37	PASS
Band12	10MHz	16QAM	23095	1RB#49	24.07	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.02	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.00	PASS
Band12	10MHz	16QAM	23095	25RB#25	23.64	PASS
Band12	10MHz	16QAM	23095	25RB#0	23.54	PASS
Band12	10MHz	16QAM	23095	25RB#12	23.51	PASS
Band12	10MHz	16QAM	23095	50RB#0	23.52	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.54	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.13	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.70	PASS
Band12	10MHz	16QAM	23130	25RB#0	23.44	PASS
Band12	10MHz	16QAM	23130	25RB#12	23.43	PASS
Band12	10MHz	16QAM	23130	25RB#25	24.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	23.89	PASS

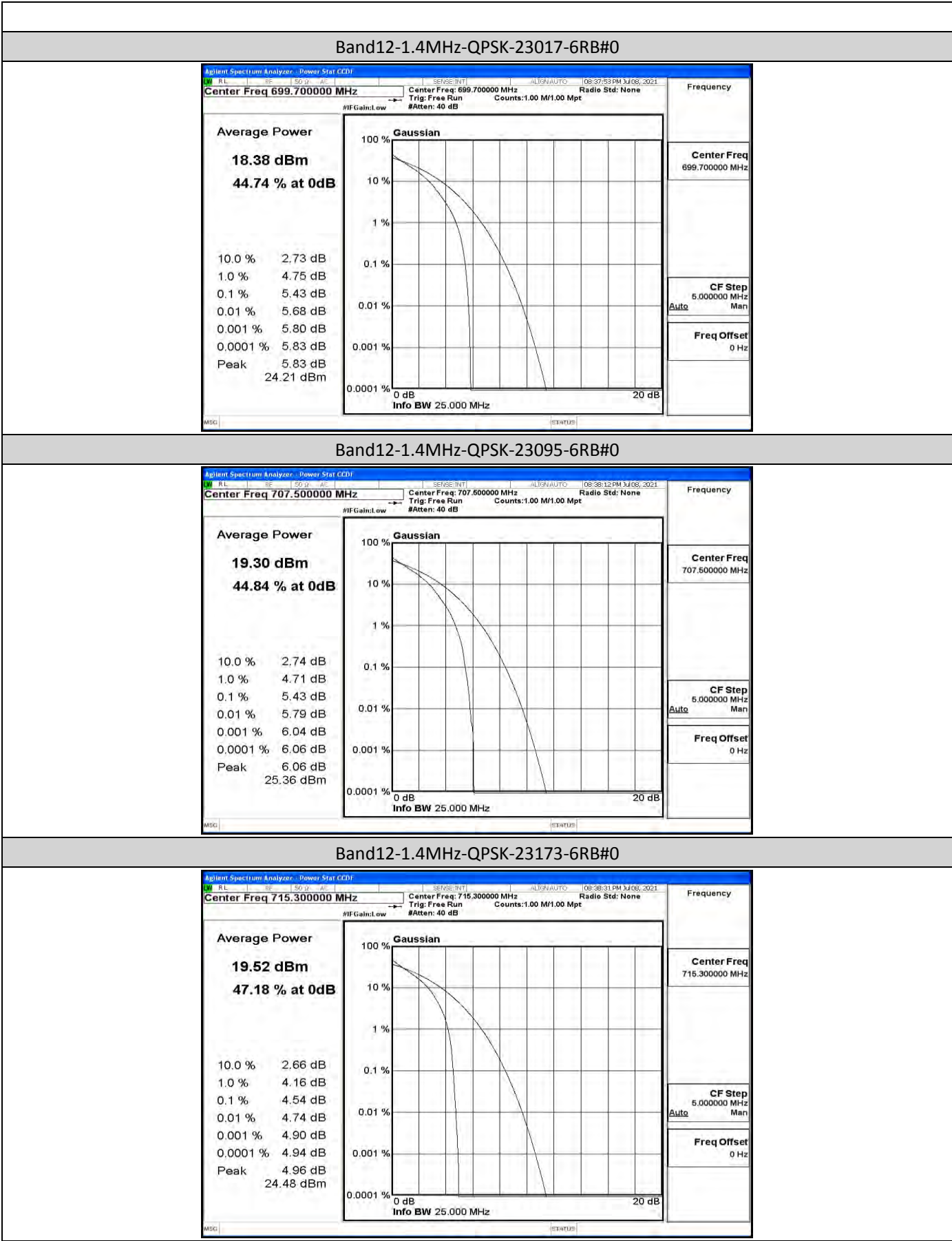


G.2 Peak-to-Average Ratio (CCDF)

Test Result

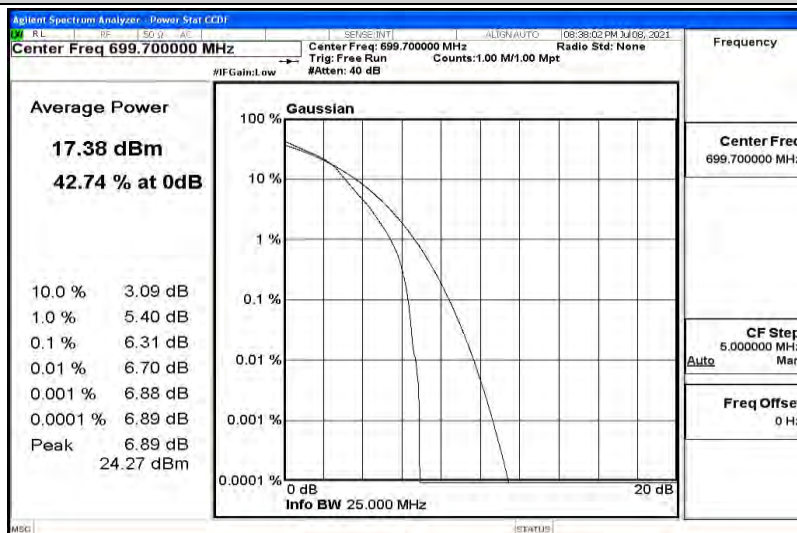
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.43	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.43	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.54	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.31	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.29	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.39	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	6.39	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	6.37	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.46	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.35	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.35	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.41	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	6.00	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.70	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.29	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.51	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.60	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.95	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.15	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.31	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.03	13	PASS

Test Graphs

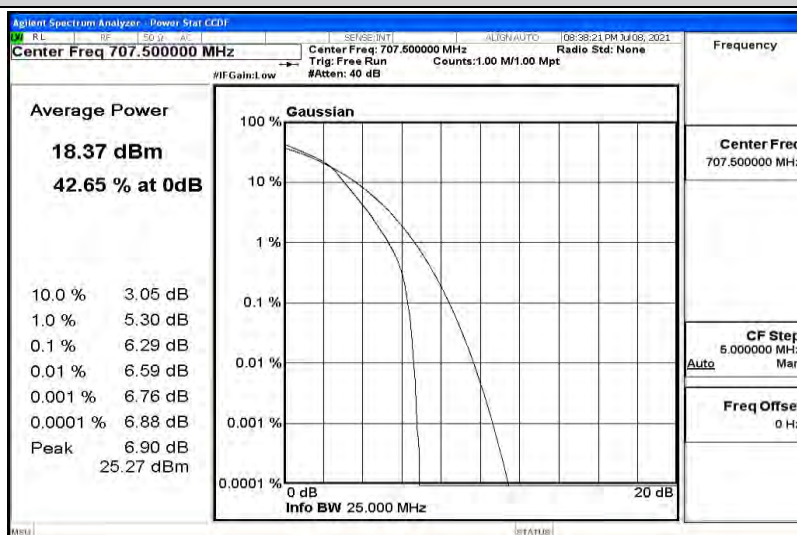




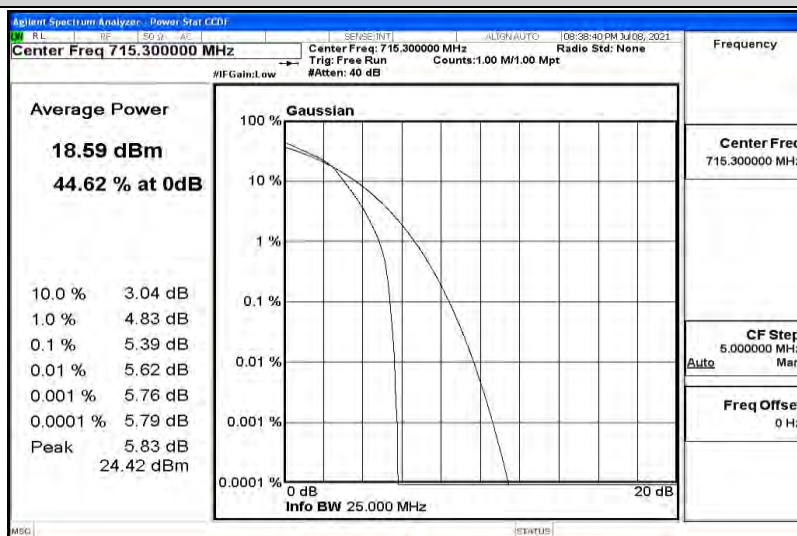
Band12-1.4MHz-16QAM-23017-6RB#0



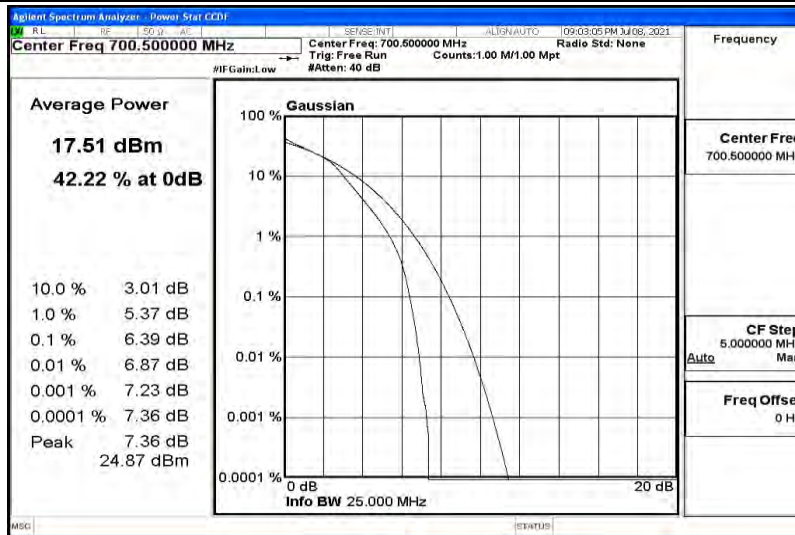
Band12-1.4MHz-16QAM-23095-6RB#0



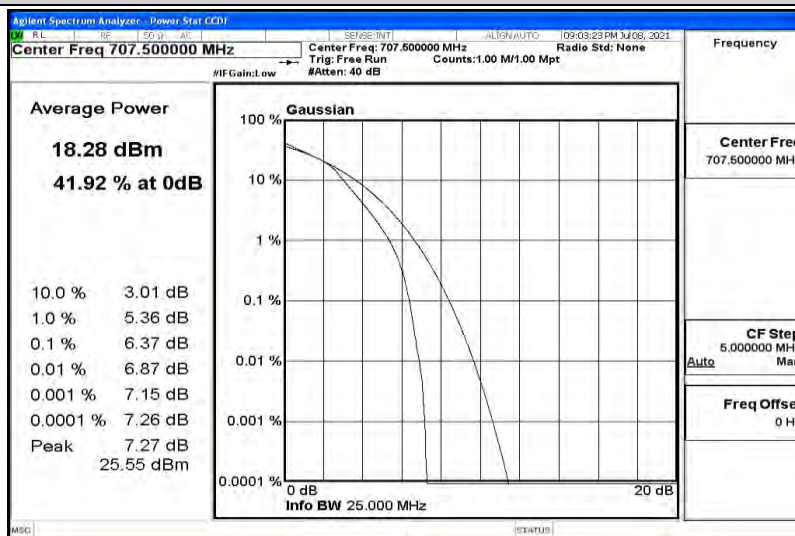
Band12-1.4MHz-16QAM-23173-6RB#0



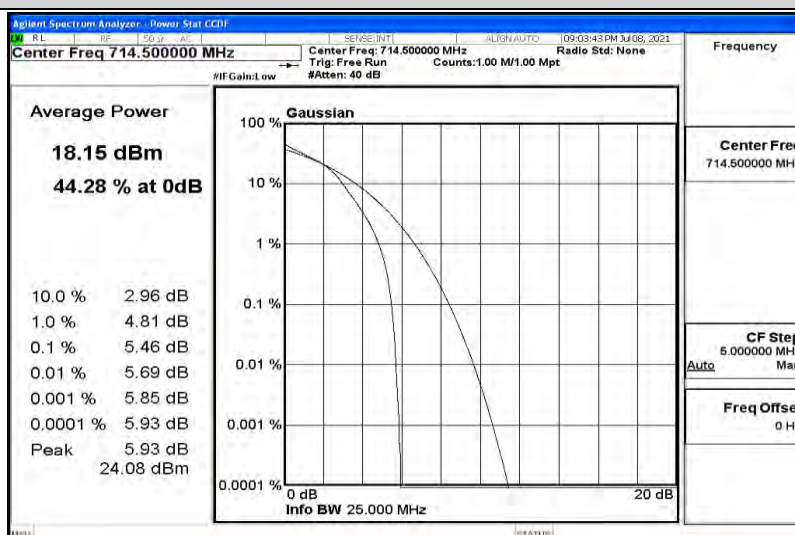
Band12-3MHz-QPSK-23025-15RB#0



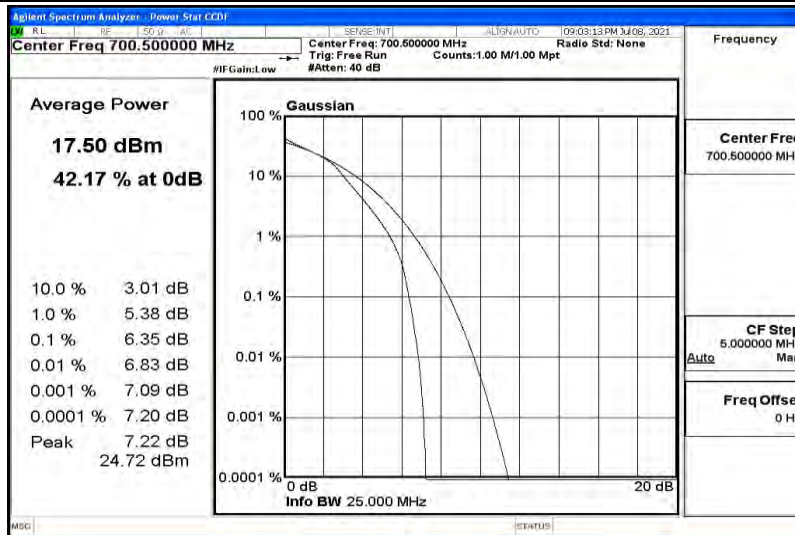
Band12-3MHz-QPSK-23095-15RB#0



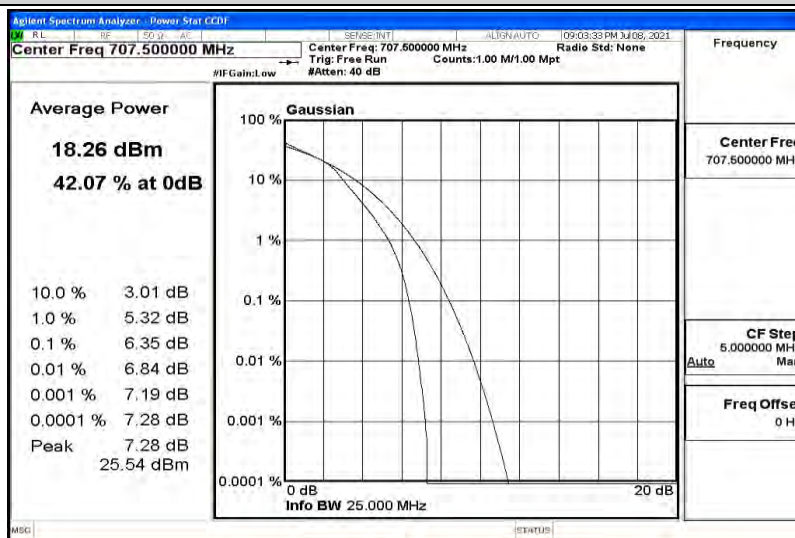
Band12-3MHz-QPSK-23165-15RB#0



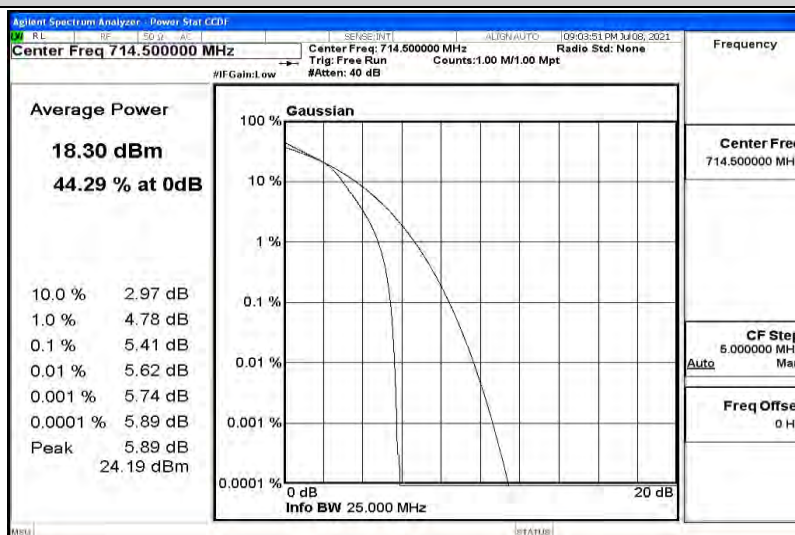
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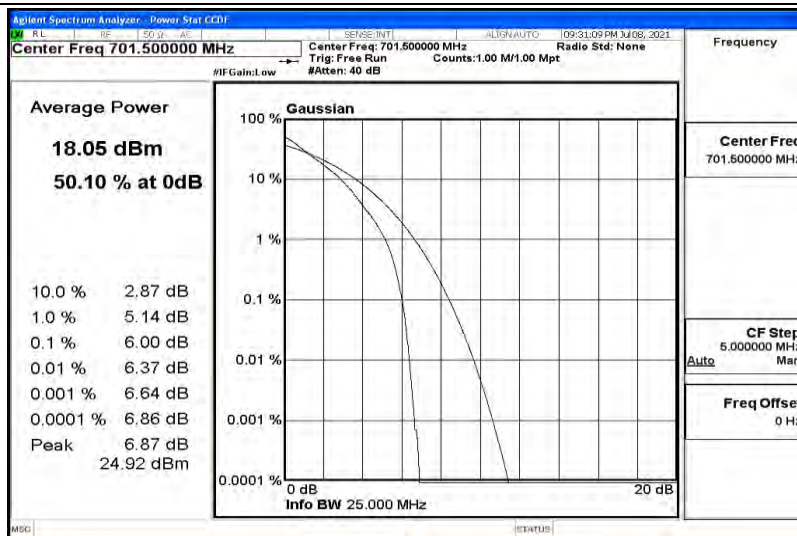
Band12-3MHz-16QAM-23095-15RB#0



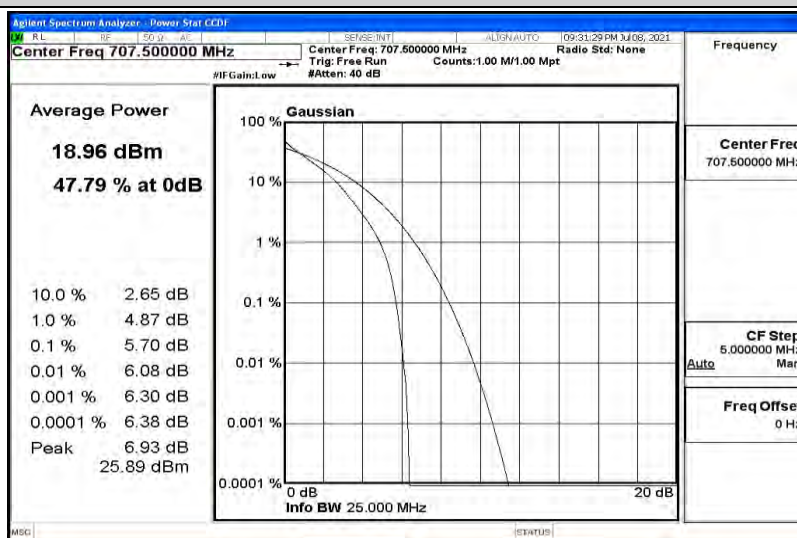
Band12-3MHz-16QAM-23165-15RB#0



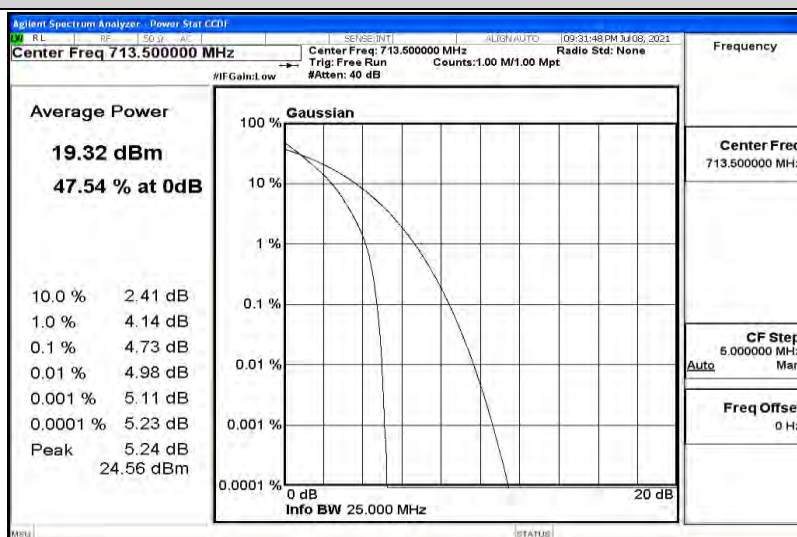
Band12-5MHz-QPSK-23035-25RB#0



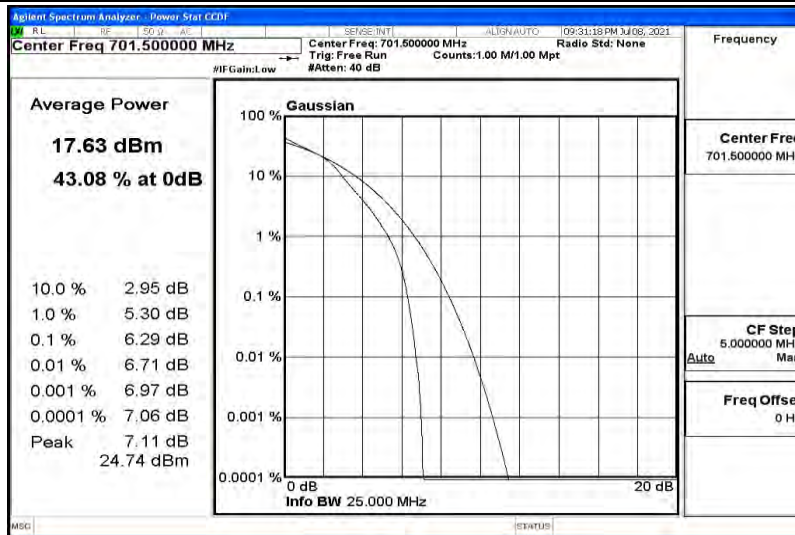
Band12-5MHz-QPSK-23095-25RB#0



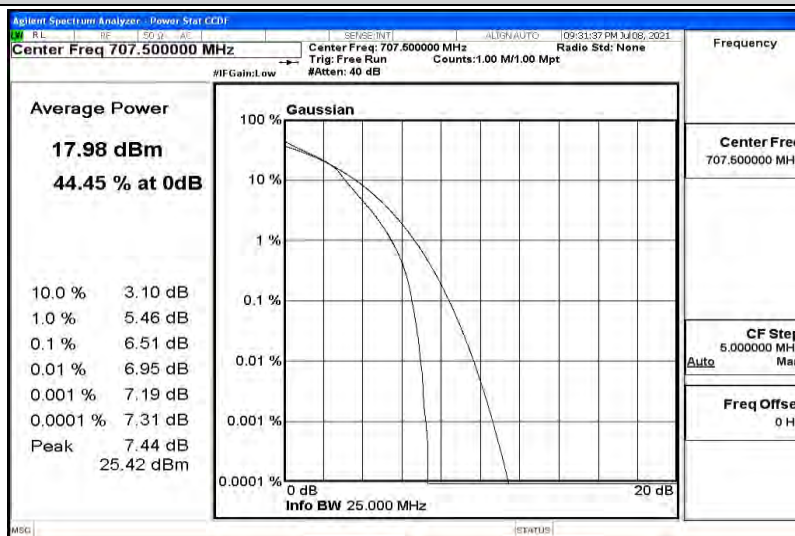
Band12-5MHz-QPSK-23155-25RB#0



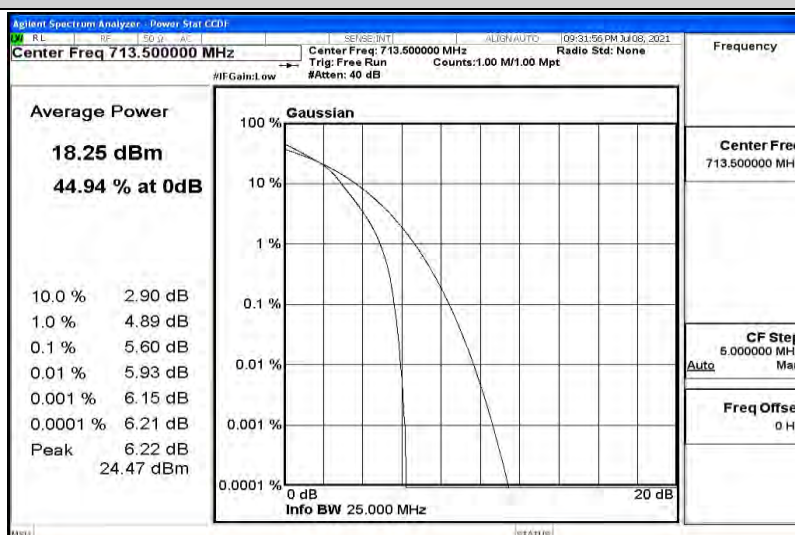
Band12-5MHz-16QAM-23035-25RB#0



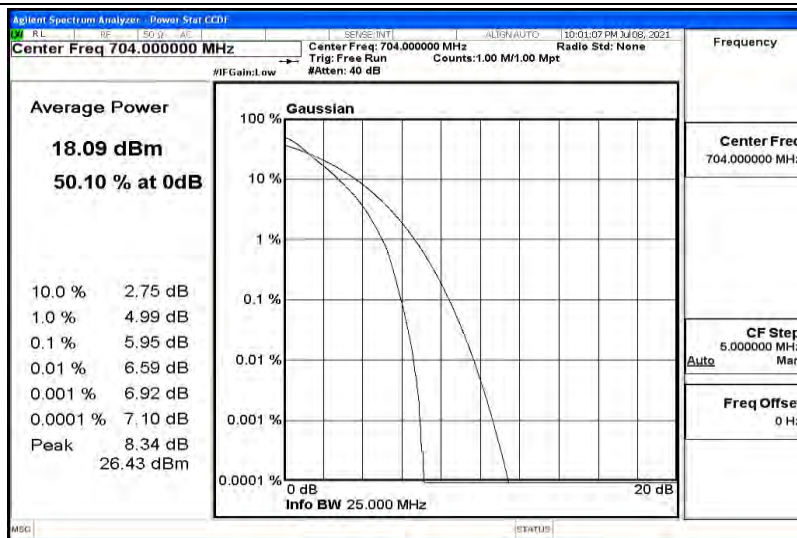
Band12-5MHz-16QAM-23095-25RB#0



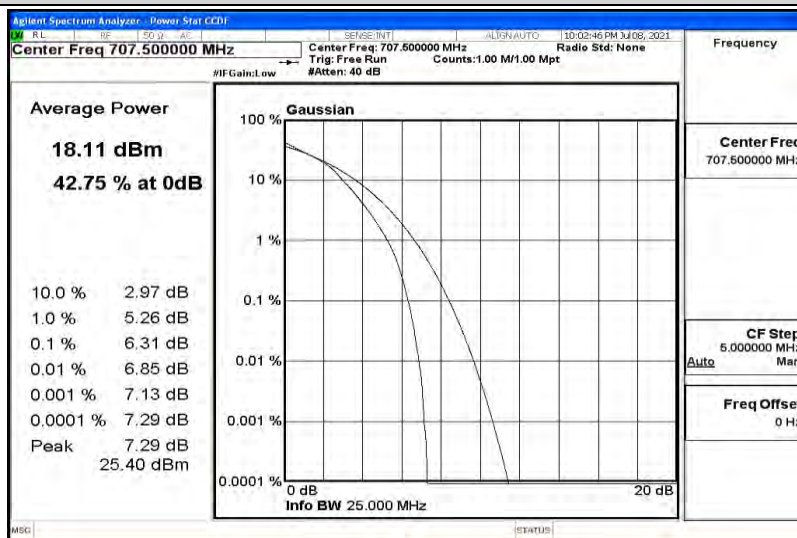
Band12-5MHz-16QAM-23155-25RB#0



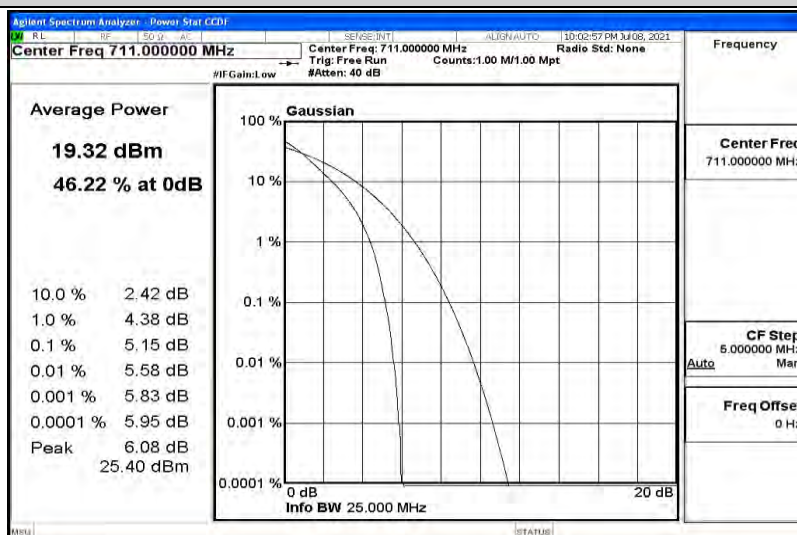
Band12-10MHz-QPSK-23060-50RB#0



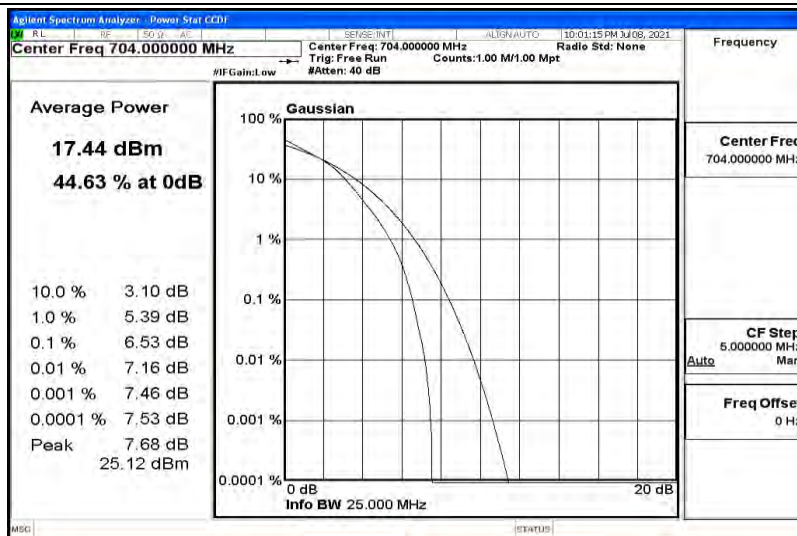
Band12-10MHz-QPSK-23095-50RB#0



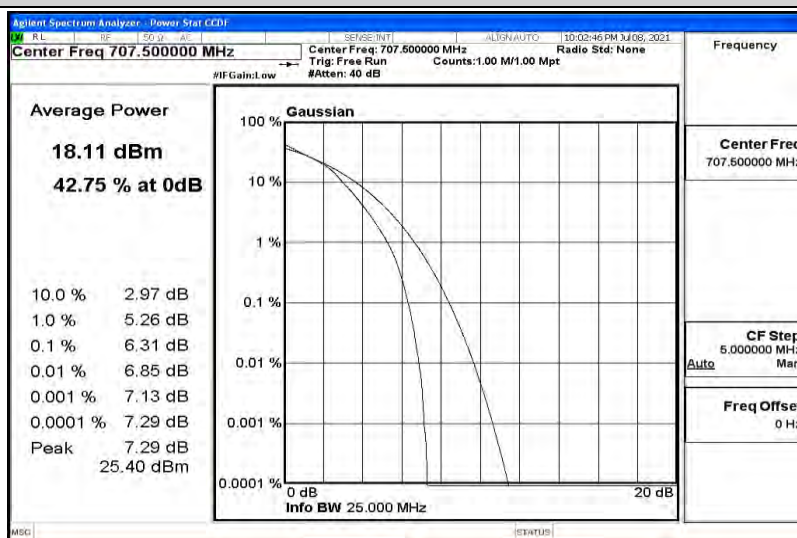
Band12-10MHz-QPSK-23130-50RB#0



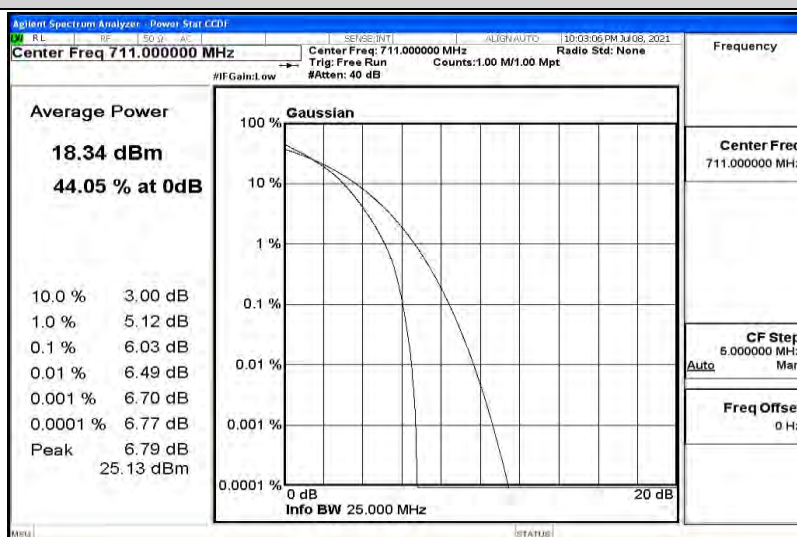
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



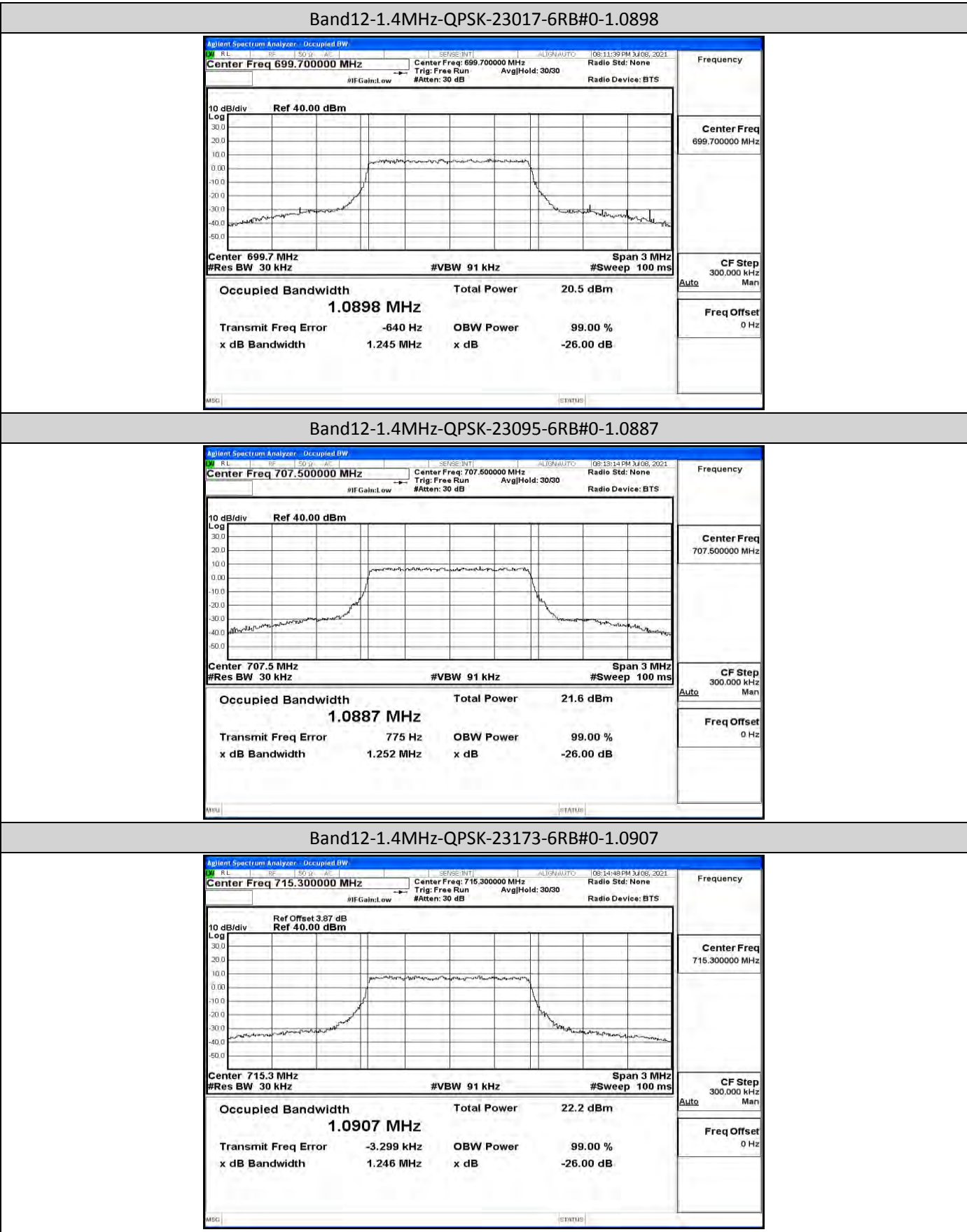


G.3 26dB Bandwidth and Occupied Bandwidth

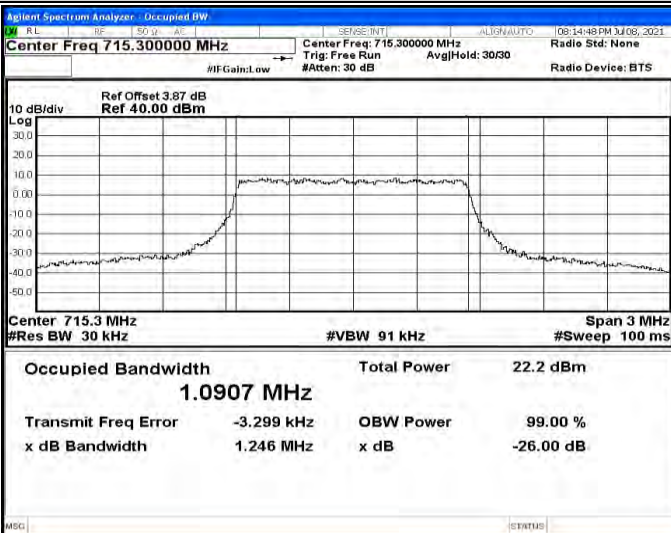
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0898	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0887	1.252	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0907	1.246	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0881	1.253	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0932	1.279	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0919	1.247	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7010	2.910	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6890	2.932	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6896	2.905	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6932	2.924	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6933	2.890	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6866	2.921	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5043	4.858	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5022	4.896	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4848	4.837	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5065	4.893	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5035	4.861	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4918	4.867	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9398	9.537	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9780	9.570	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9564	9.516	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9423	9.520	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9657	9.568	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9479	9.505	PASS

Test Graphs



Band12-1.4MHz-QPSK-23173-6RB#0-1.0907



Frequency

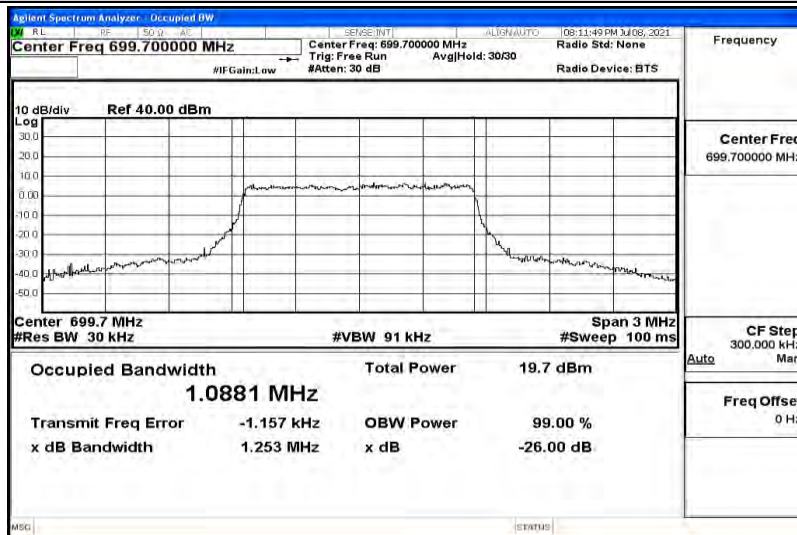
Center Freq
715.300000 MHz

CF Step
300.000 kHz
Auto

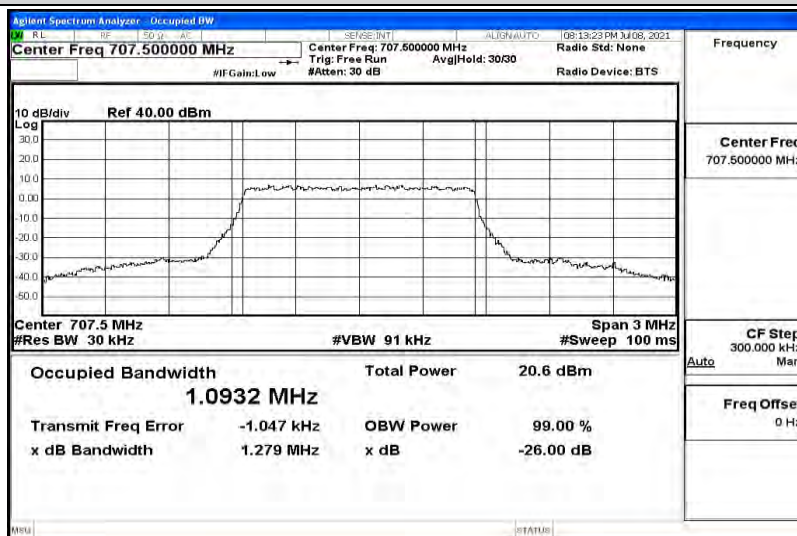
Freq Offset
0 Hz



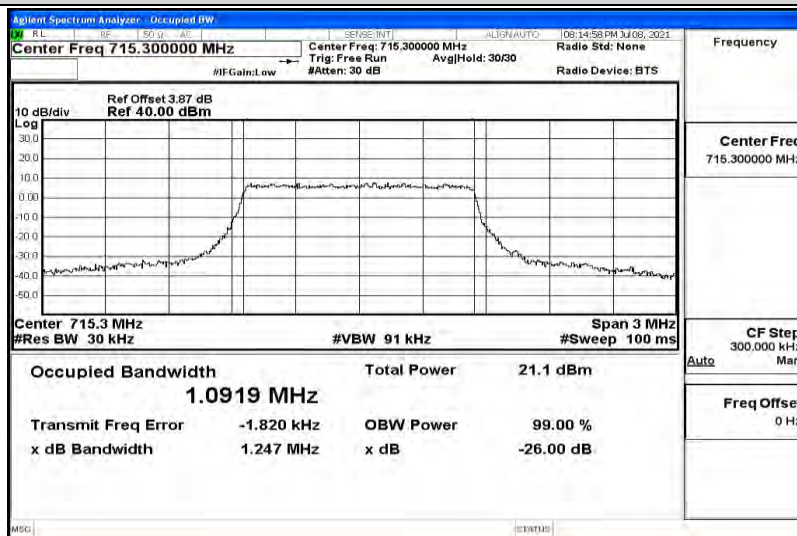
Band12-1.4MHz-16QAM-23017-6RB#0-1.0881



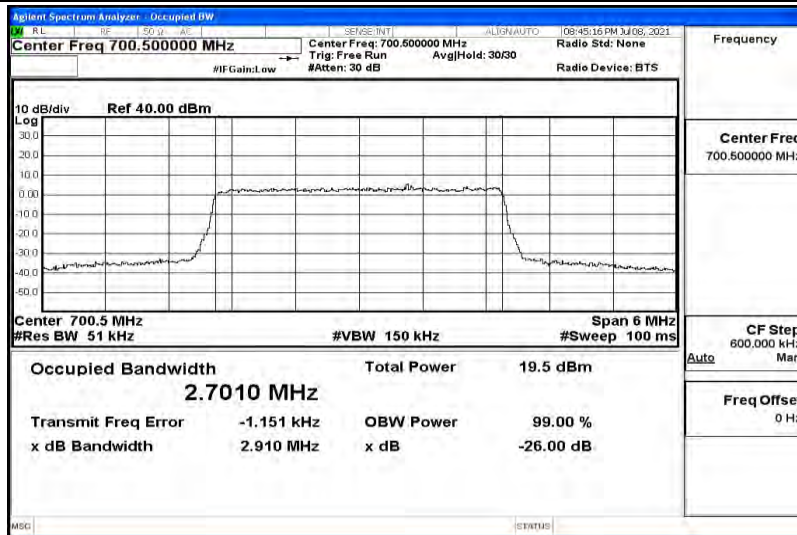
Band12-1.4MHz-16QAM-23095-6RB#0-1.0932



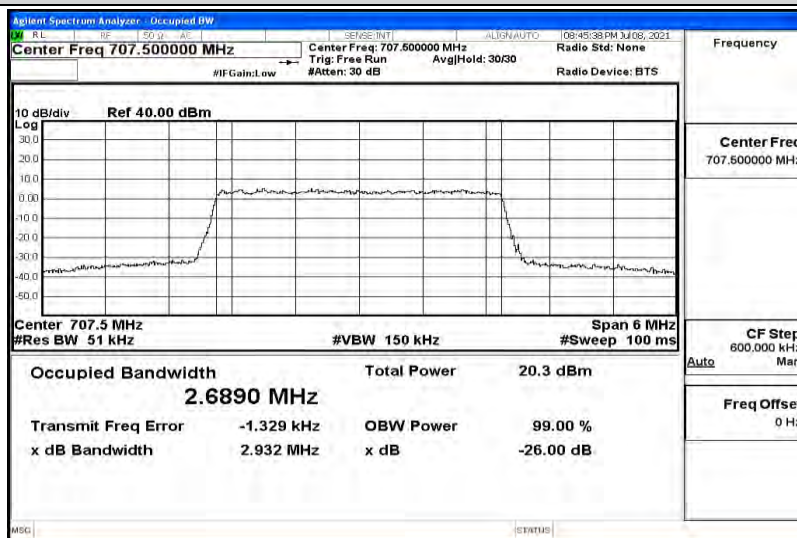
Band12-1.4MHz-16QAM-23173-6RB#0-1.0919



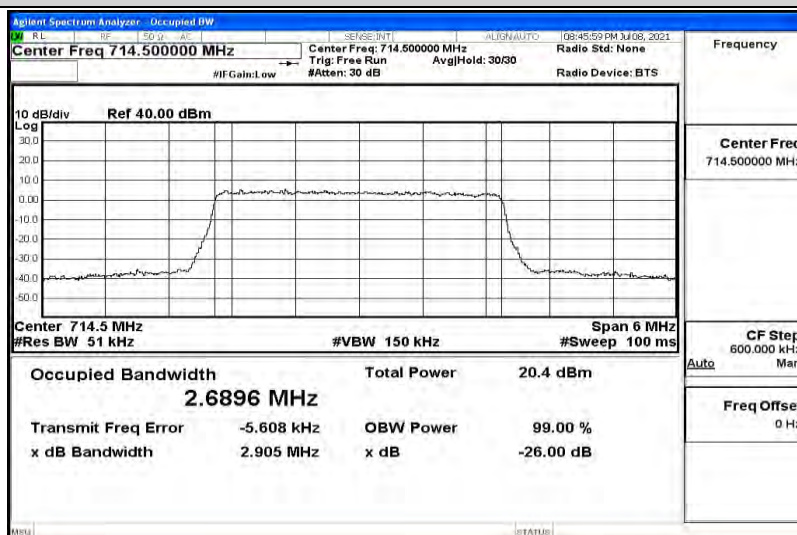
Band12-3MHz-QPSK-23025-15RB#0-2.7010



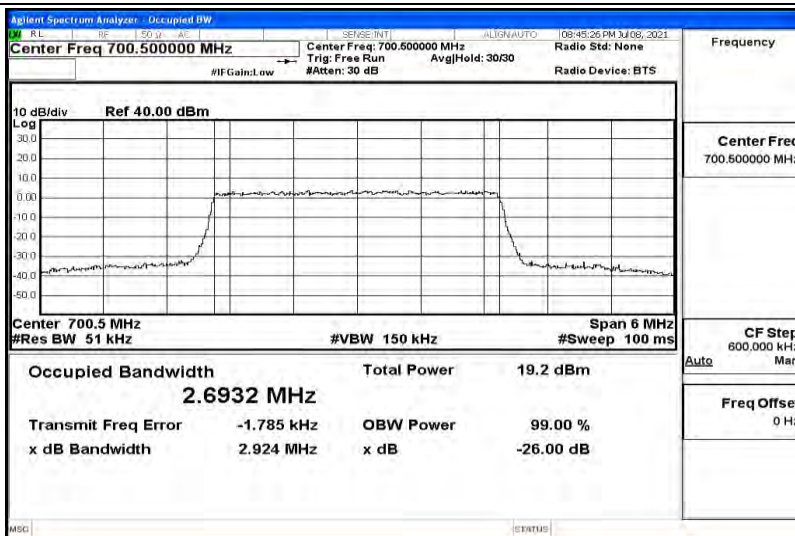
Band12-3MHz-QPSK-23095-15RB#0-2.6890



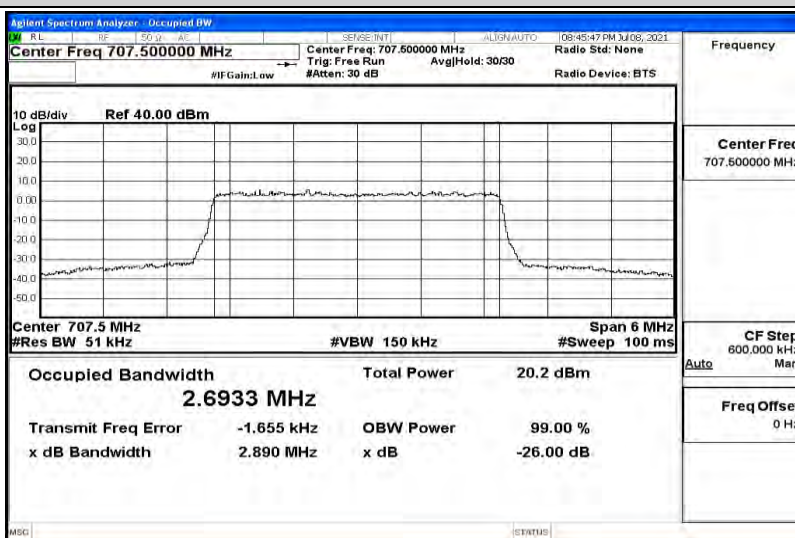
Band12-3MHz-QPSK-23165-15RB#0-2.6896



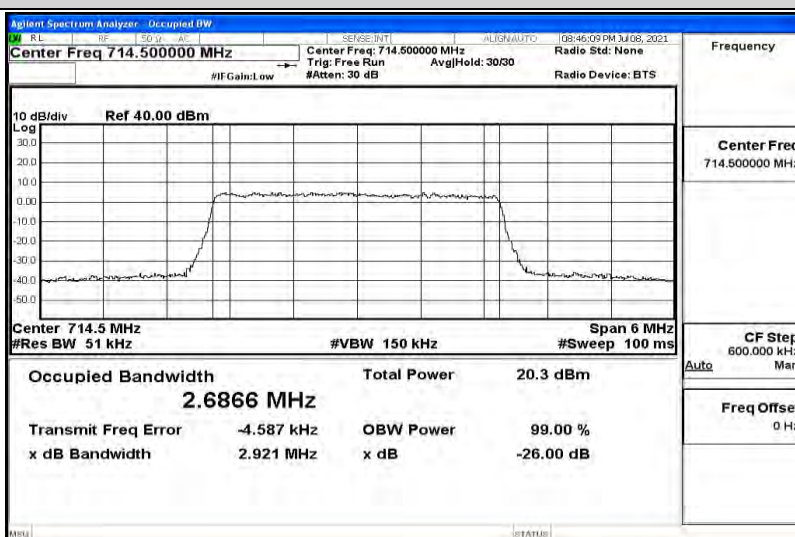
Band12-3MHz-16QAM-23025-15RB#0-2.6932



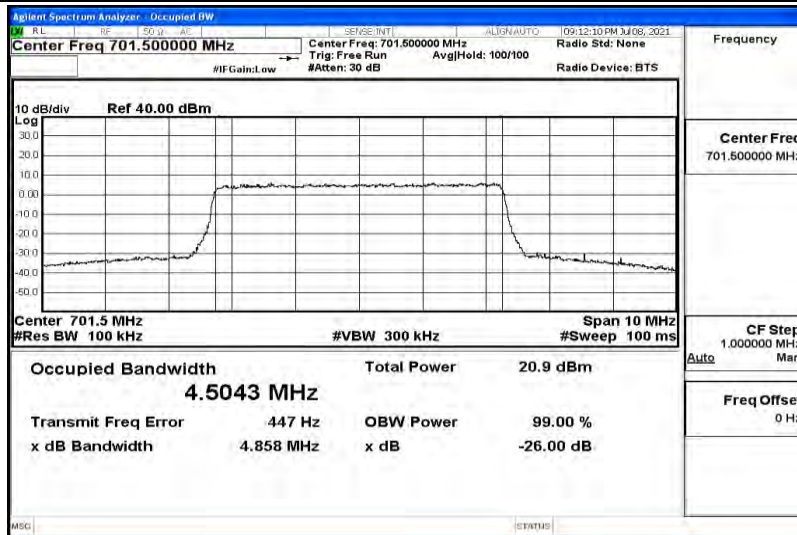
Band12-3MHz-16QAM-23095-15RB#0-2.6933



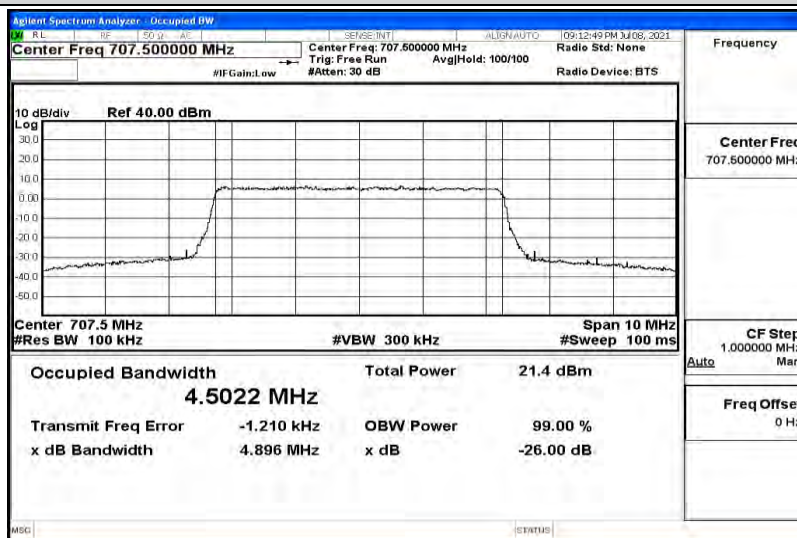
Band12-3MHz-16QAM-23165-15RB#0-2.6866



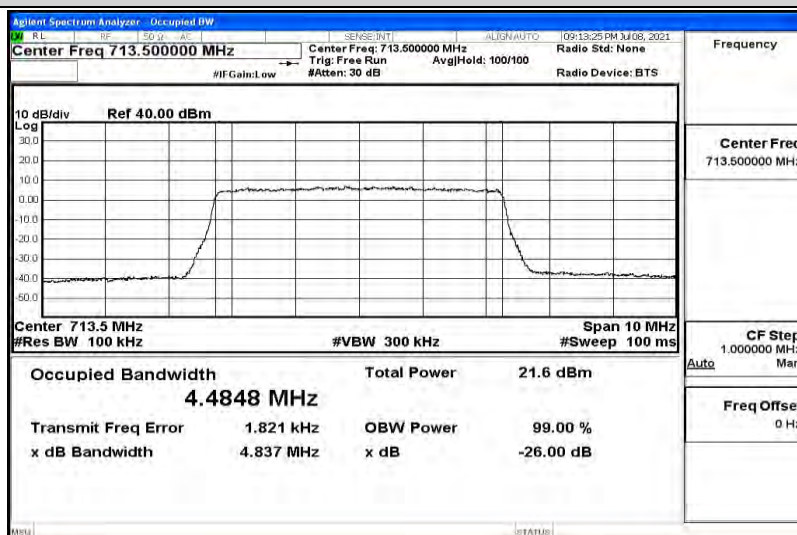
Band12-5MHz-QPSK-23035-25RB#0-4.5043



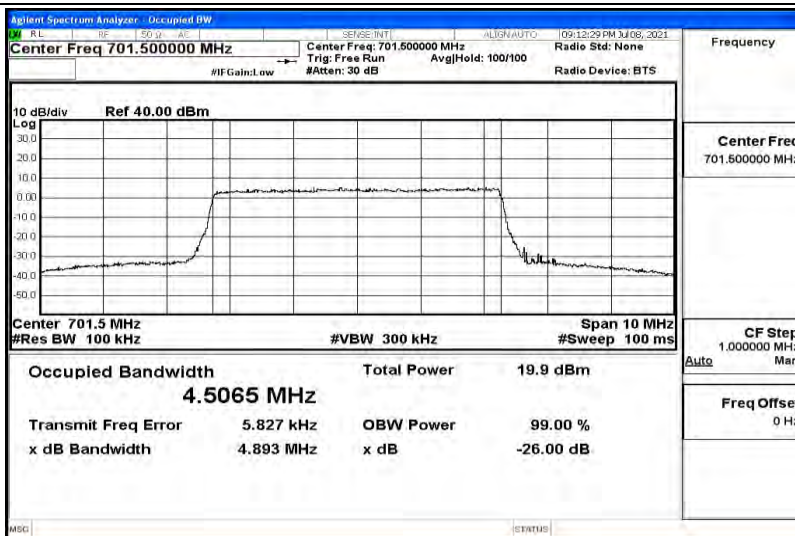
Band12-5MHz-QPSK-23095-25RB#0-4.5022



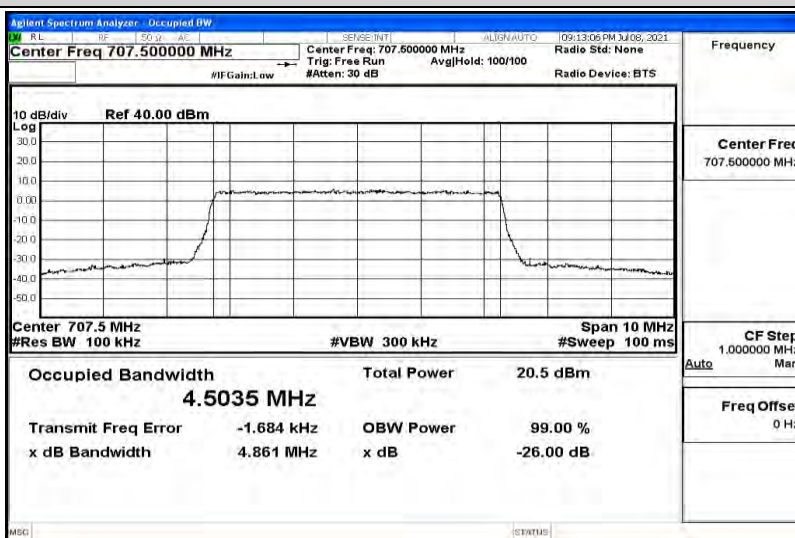
Band12-5MHz-QPSK-23155-25RB#0-4.4848



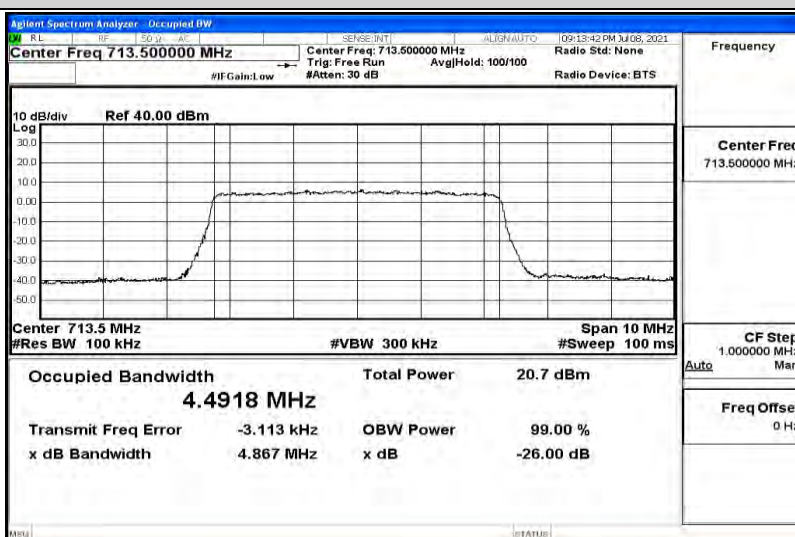
Band12-5MHz-16QAM-23035-25RB#0-4.5065



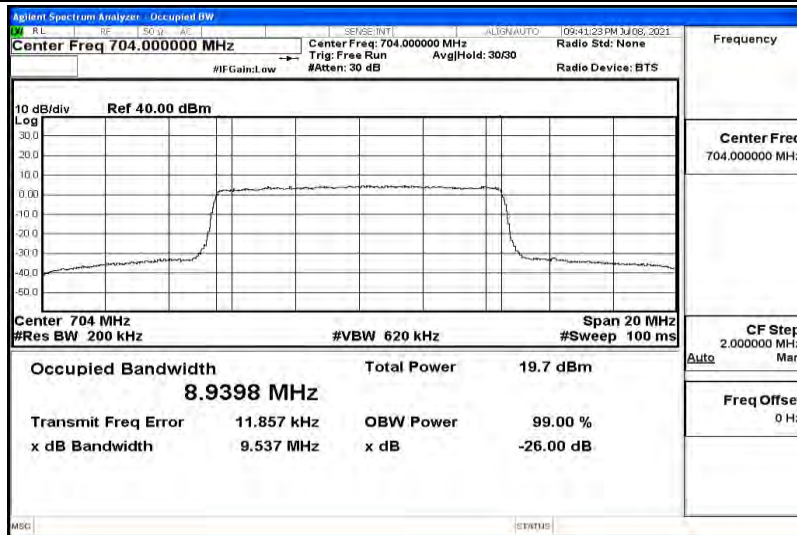
Band12-5MHz-16QAM-23095-25RB#0-4.5035



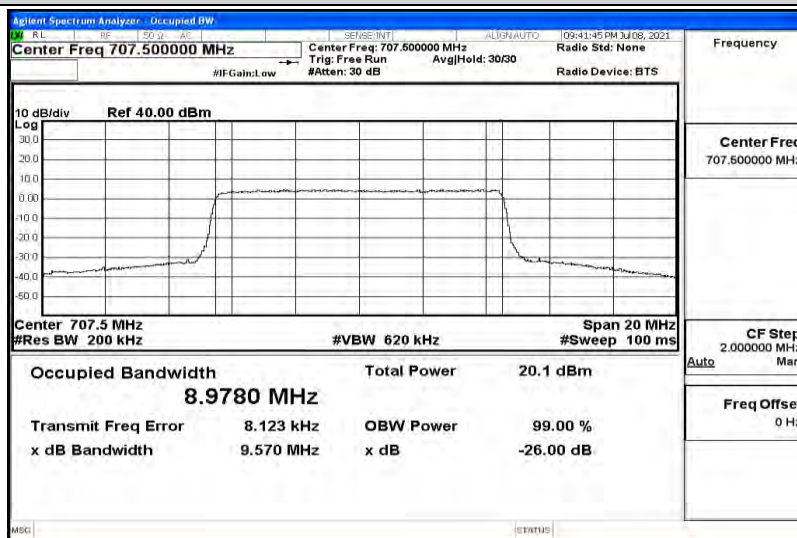
Band12-5MHz-16QAM-23155-25RB#0-4.4918



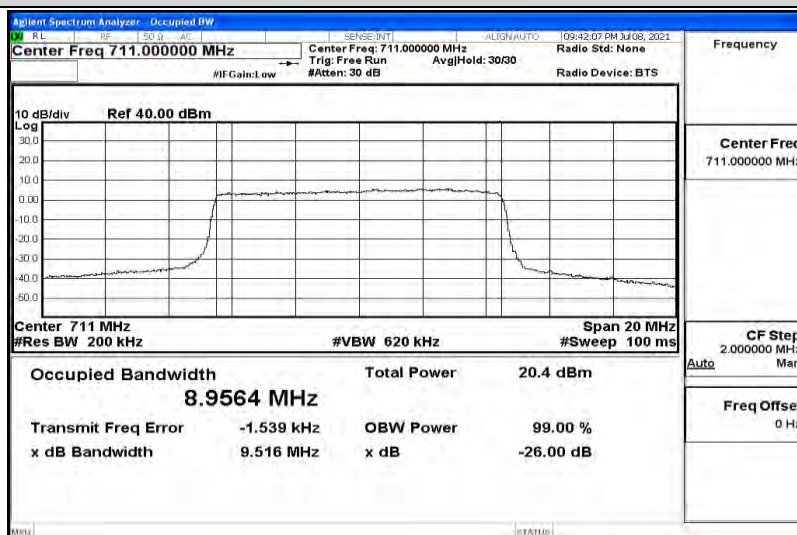
Band12-10MHz-QPSK-23060-50RB#0-8.9398



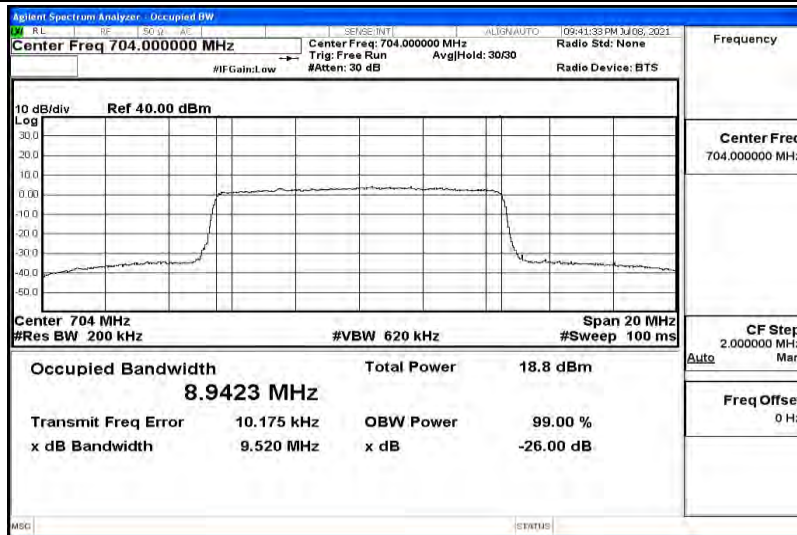
Band12-10MHz-QPSK-23095-50RB#0-8.9780



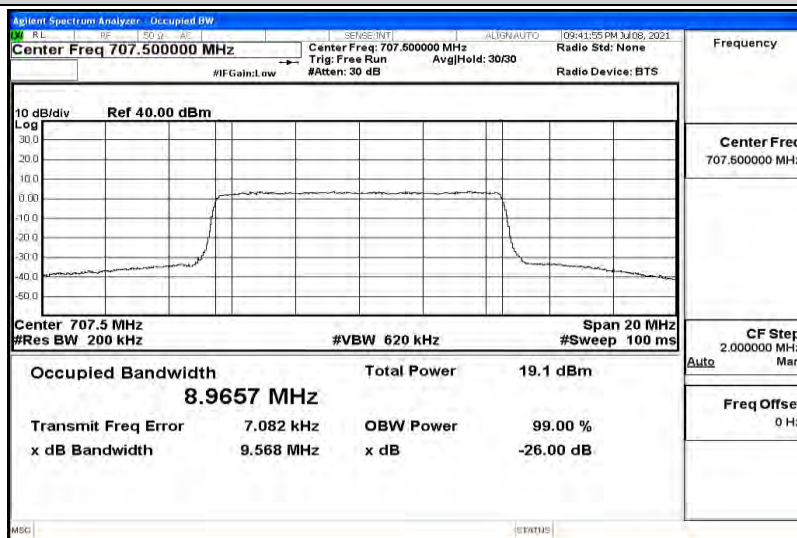
Band12-10MHz-QPSK-23130-50RB#0-8.9564



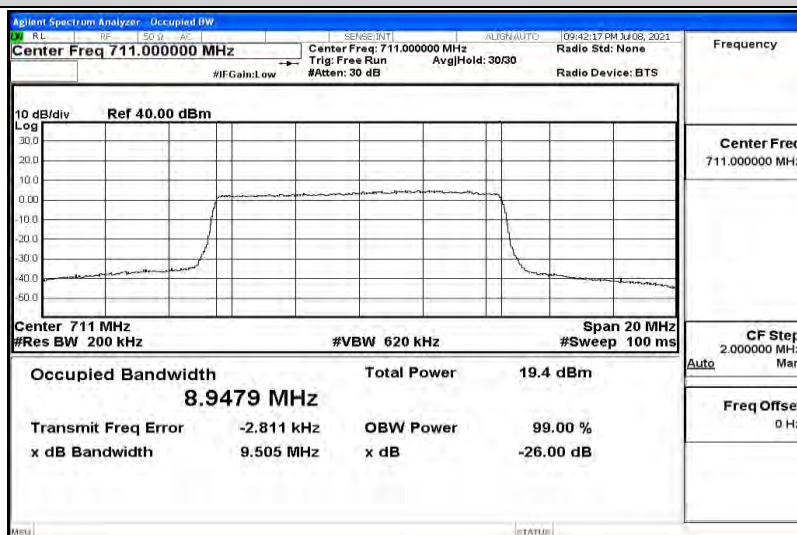
Band12-10MHz-16QAM-23060-50RB#0-8.9423



Band12-10MHz-16QAM-23095-50RB#0-8.9657



Band12-10MHz-16QAM-23130-50RB#0-8.9479

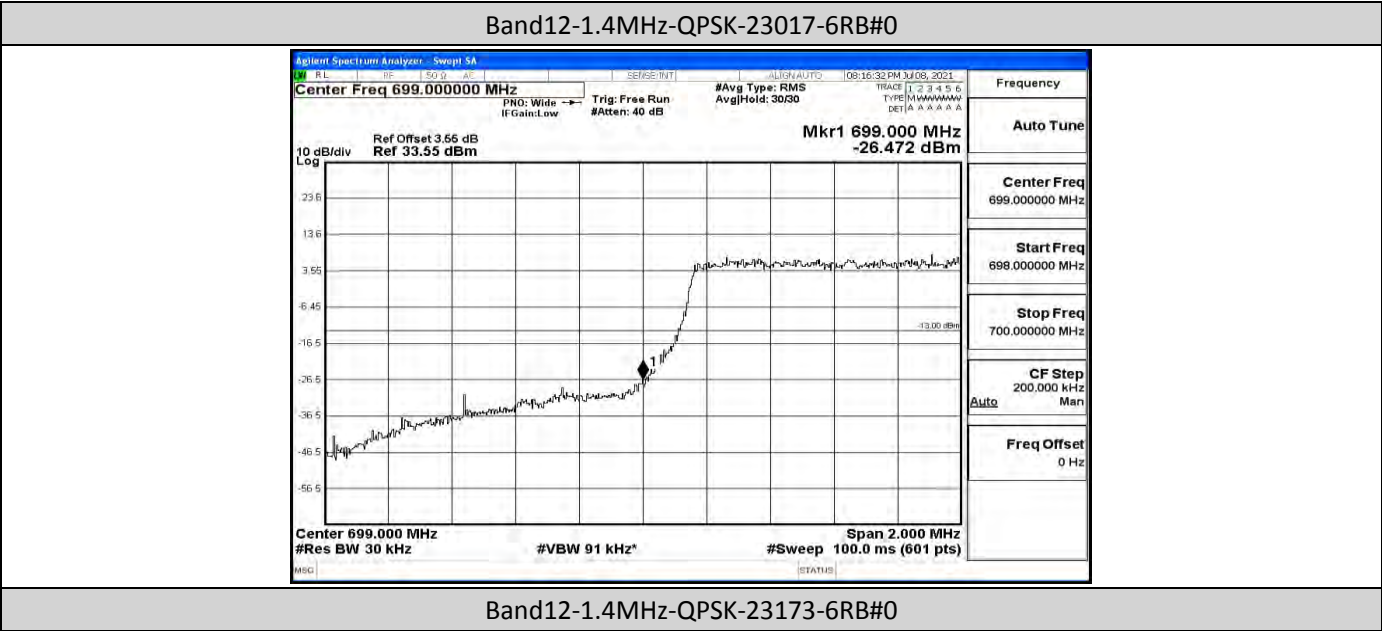


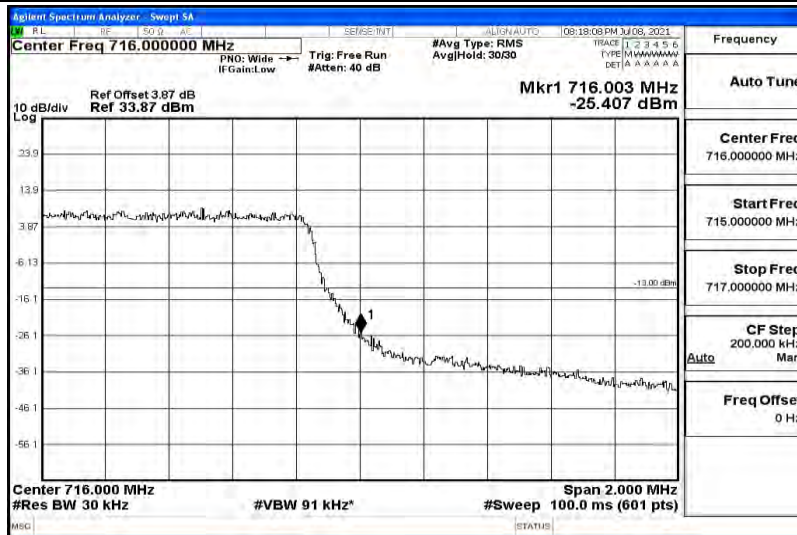
G.4 Band Edge

Test Result

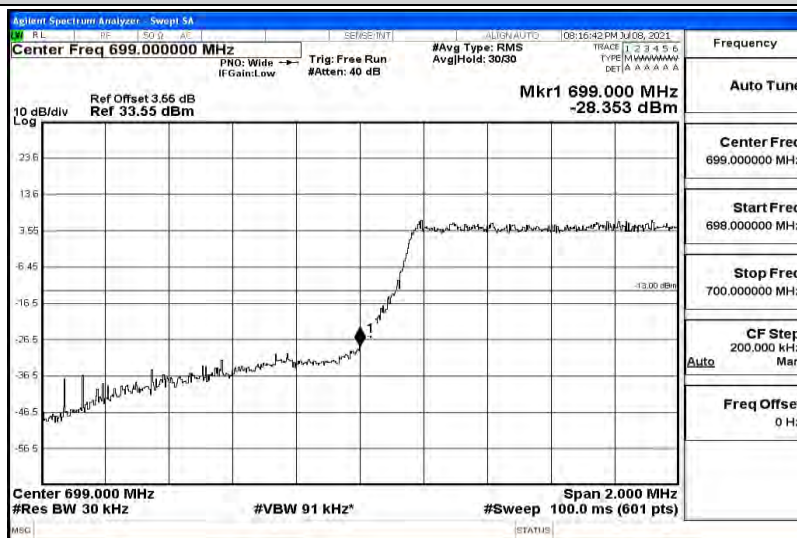
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.47	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-25.41	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.70	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.04	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.60	PASS
Band12	3MHz	16QAM	23025	15RB#0	-26.76	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.11	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.71	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.67	PASS
Band12	5MHz	16QAM	23035	25RB#0	-26.56	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.93	PASS
Band12	10MHz	QPSK	23060	50RB#0	-28.99	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.35	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.99	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.75	PASS

Test Graphs

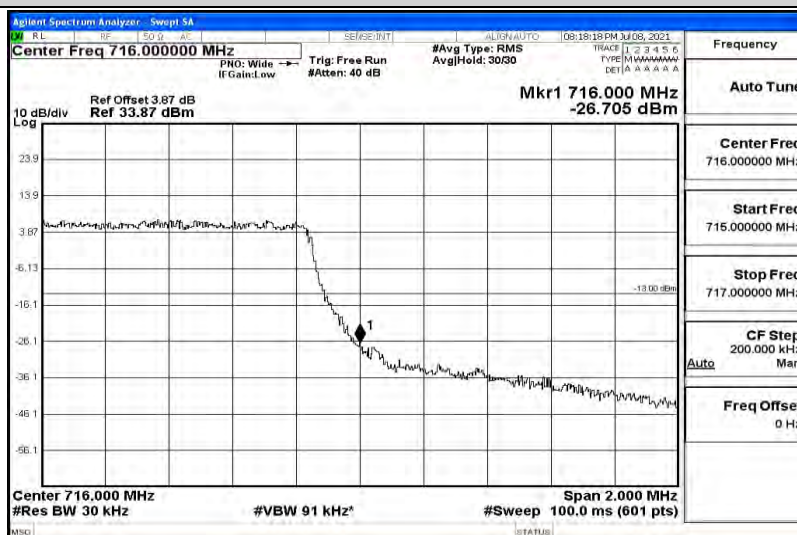




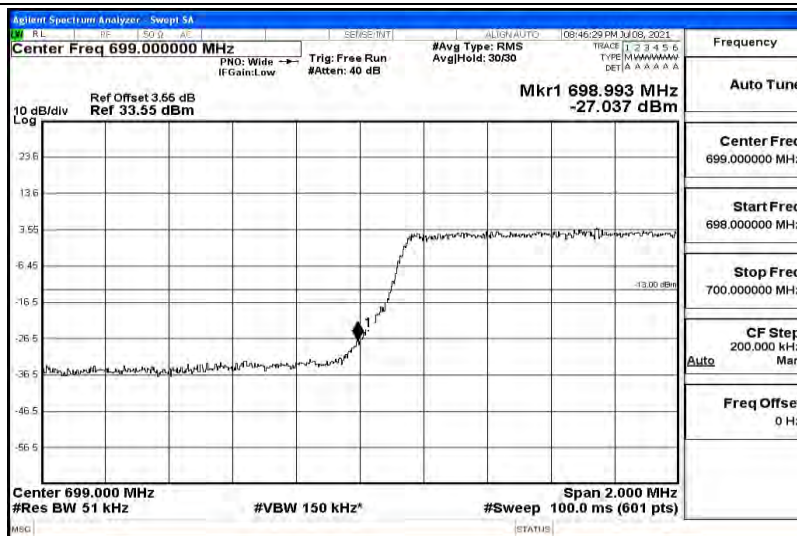
Band12-1.4MHz-16QAM-23017-6RB#0



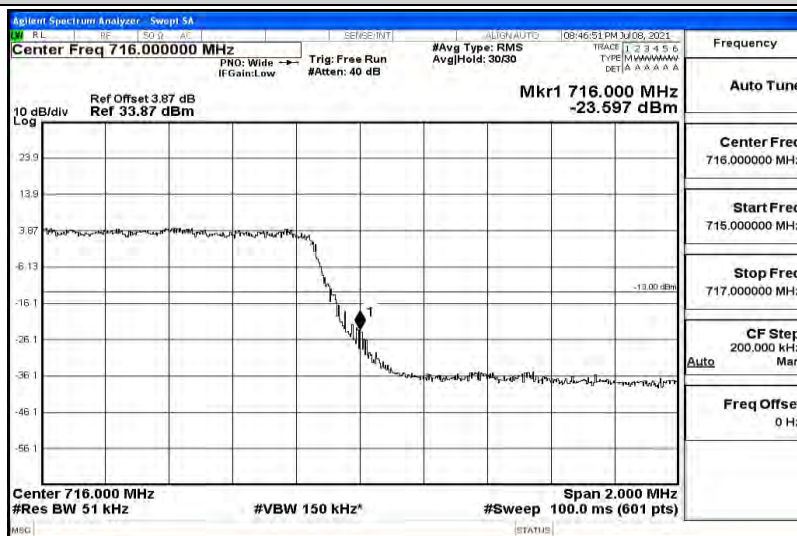
Band12-1.4MHz-16QAM-23173-6RB#0



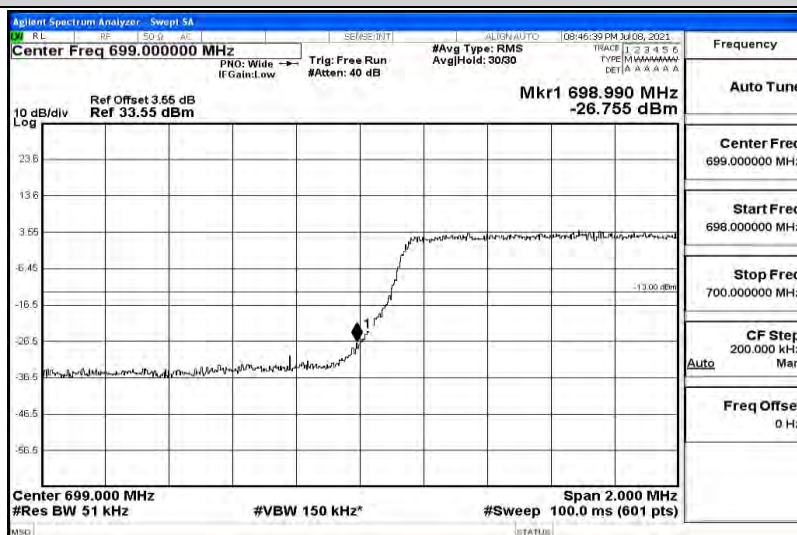
Band12-3MHz-QPSK-23025-15RB#0



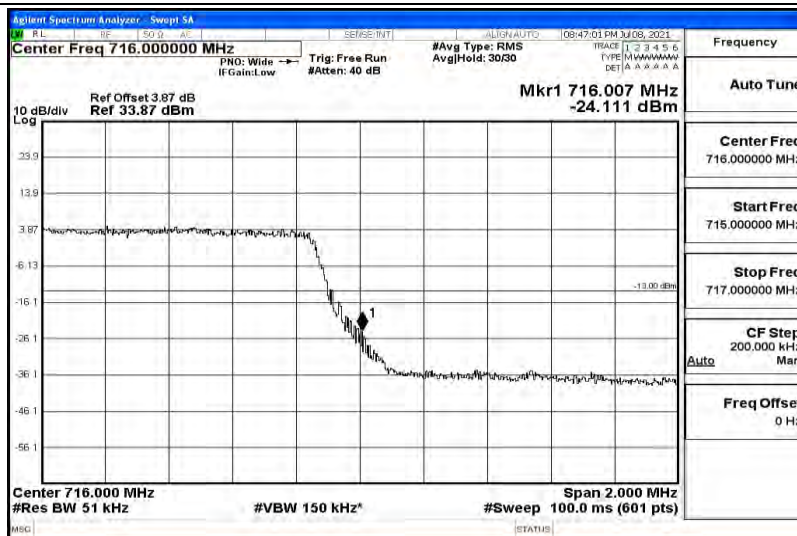
Band12-3MHz-QPSK-23165-15RB#0



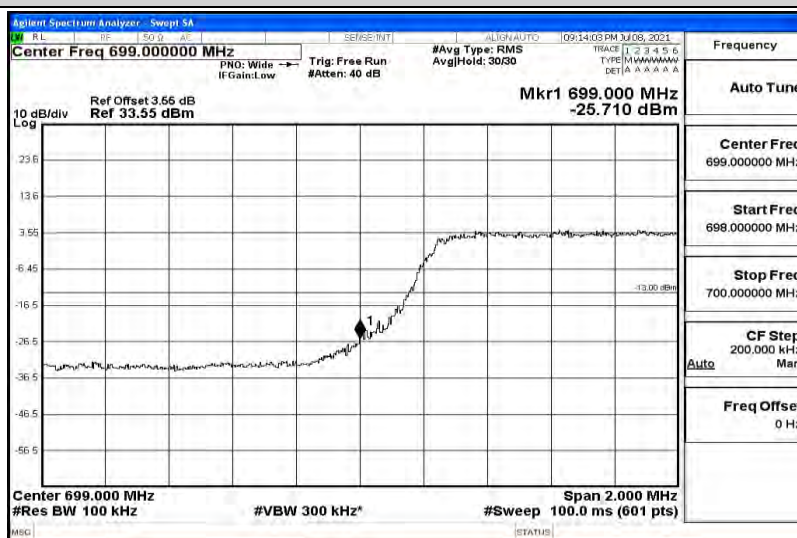
Band12-3MHz-16QAM-23025-15RB#0



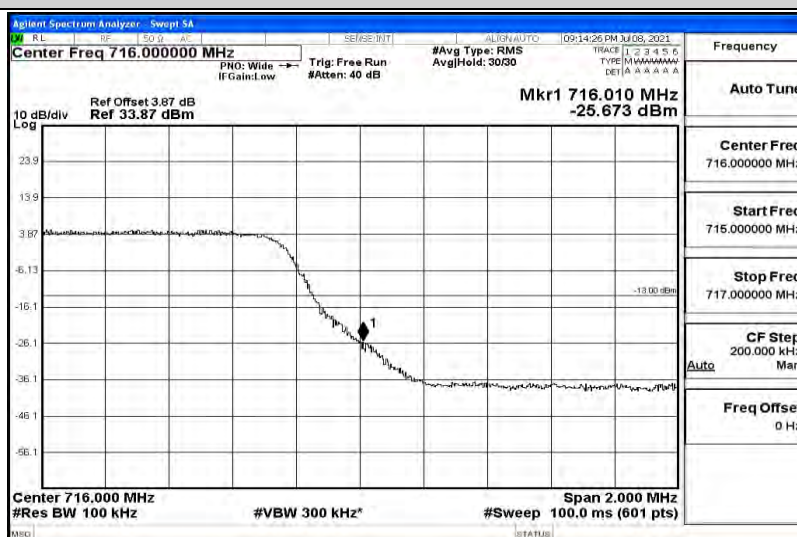
Band12-3MHz-16QAM-23165-15RB#0



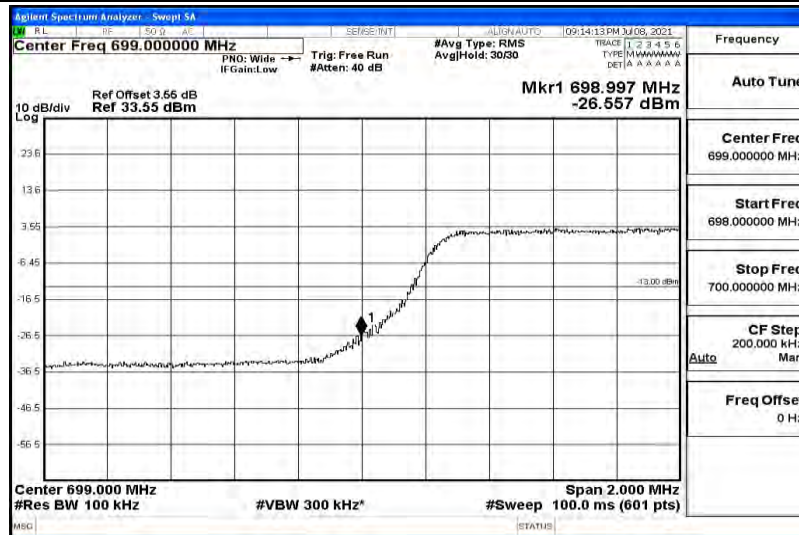
Band12-5MHz-QPSK-23035-25RB#0



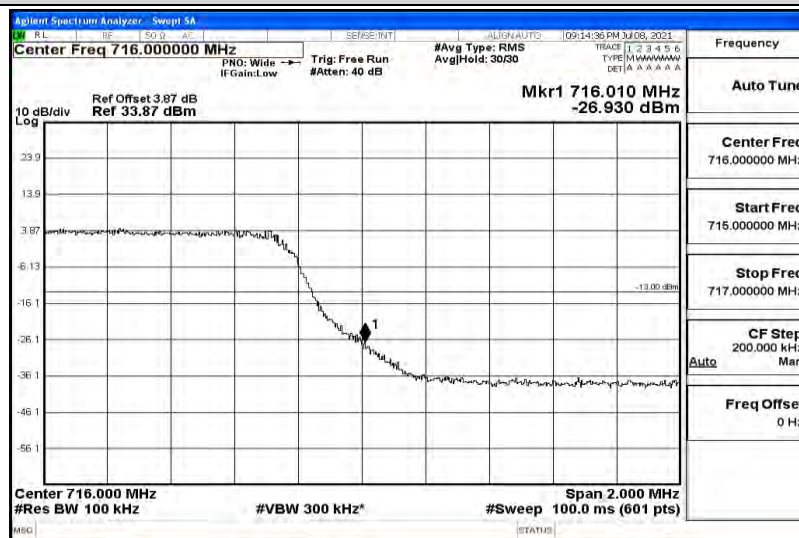
Band12-5MHz-QPSK-23155-25RB#0



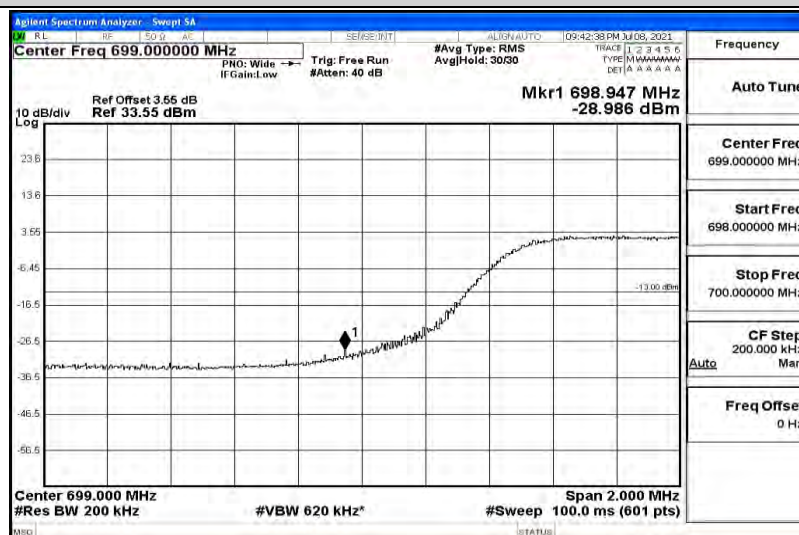
Band12-5MHz-16QAM-23035-25RB#0



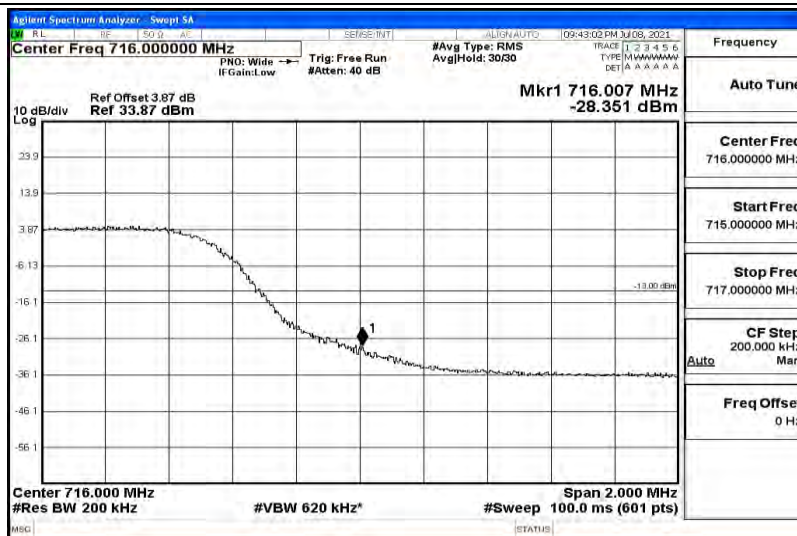
Band12-5MHz-16QAM-23155-25RB#0



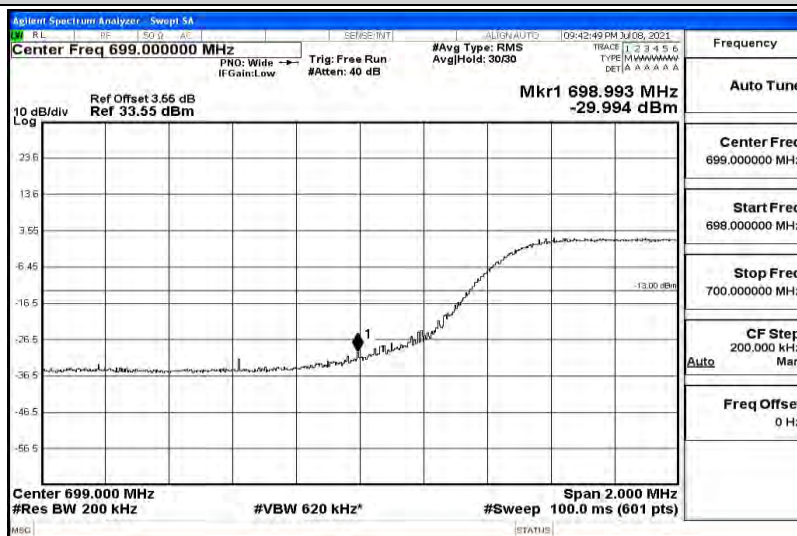
Band12-10MHz-QPSK-23060-50RB#0



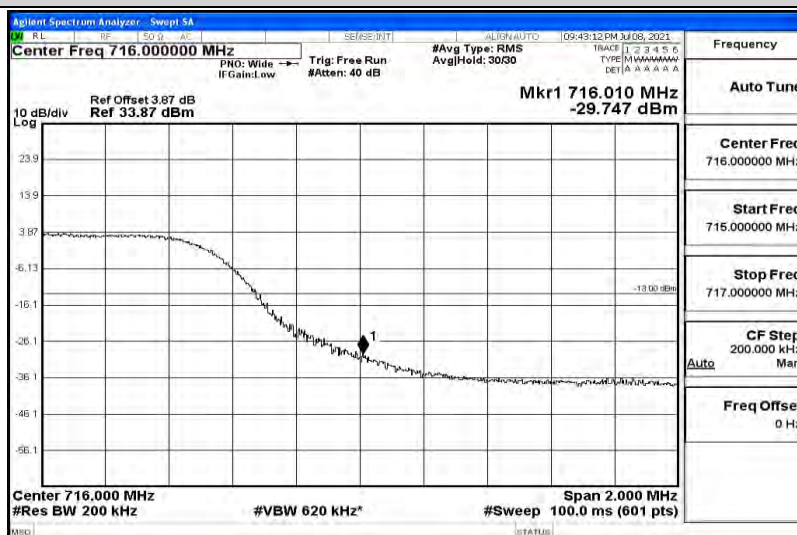
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-72.47	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-68.22	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-44.78	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-46.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-72	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-69.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-44.43	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-46.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-71.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-67.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-44.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-46.5	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-73.11	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-69.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-44.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-46.6	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-70.45	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-68.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-42.87	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-46.6	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-71	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-68.9	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-44.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-46.43	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-73.78	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-70.45	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-44.9	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-46.43	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-71.34	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-69.09	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-44.42	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-46.45	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-70.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-68.16	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-43.9	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-46.51	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-71.92	PASS

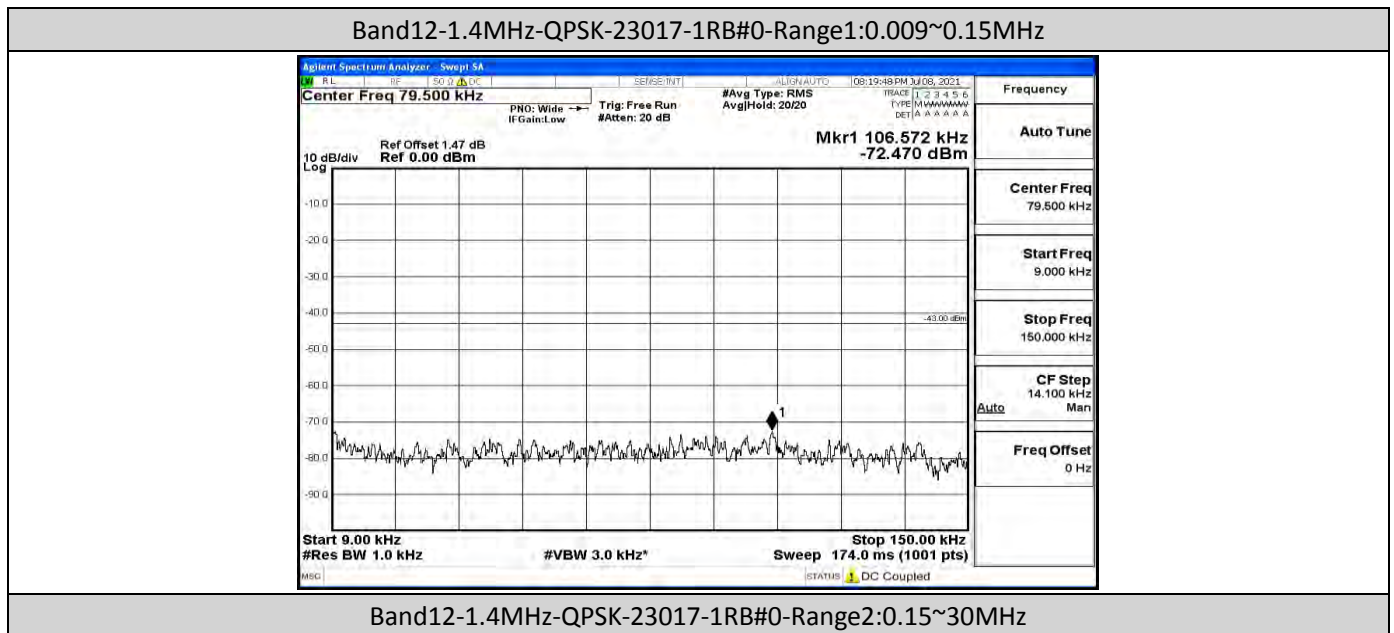


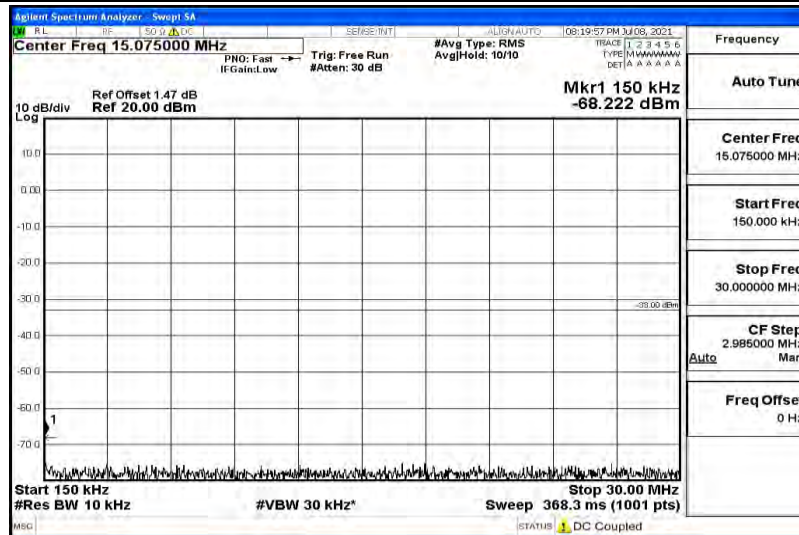
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-68.03	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-44.9	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-46.38	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-68.29	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-67.82	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-45.07	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-46.58	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-71.34	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-69.22	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-44.75	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-46.55	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-73.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-68.83	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-44.59	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-46.56	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-70.48	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-68.52	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-44.63	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-46.6	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-68.96	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-68.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-44.6	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-46.59	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-73.13	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-69.31	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-45.1	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-46.56	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-71.87	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-67.2	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-43.66	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-46.65	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-71.46	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-67.36	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-44.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-46.64	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-74.14	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-69.39	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-44	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-46.65	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-70.85	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-69.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-44.23	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-46.54	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-72.09	PASS



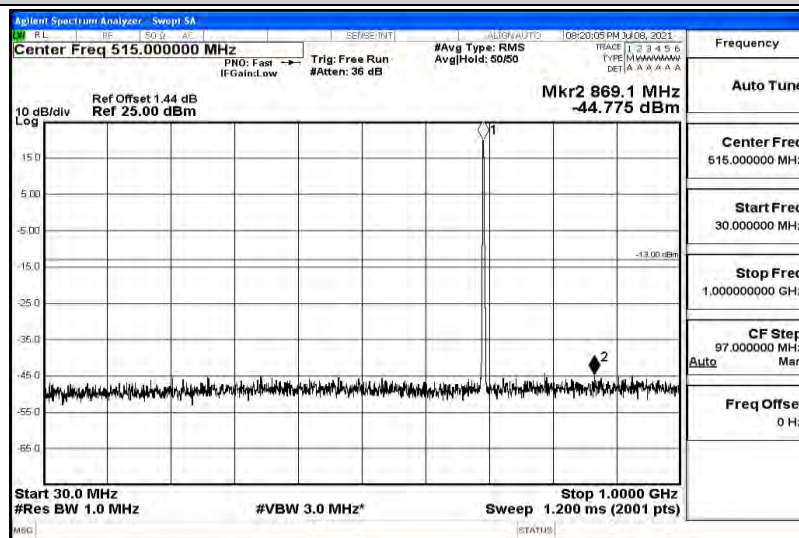
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-68.4	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-43.67	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-46.56	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-73.14	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-68.67	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-43.36	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-46.58	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-72.37	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-68.91	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-43.34	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-46.56	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-71.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-68.34	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-43.61	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-46.49	PASS

Test Graphs

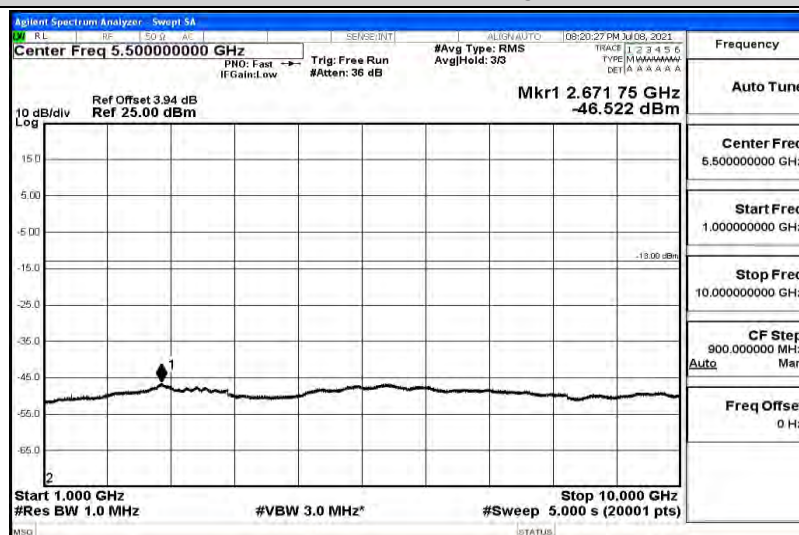




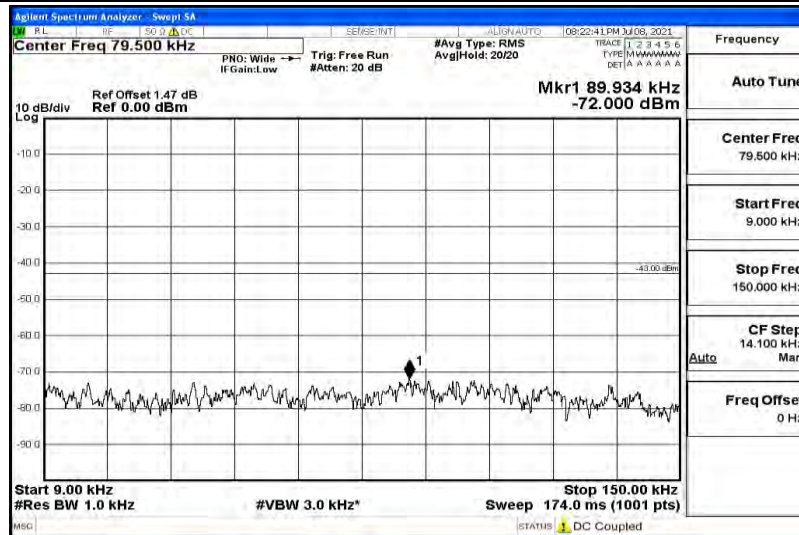
Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz



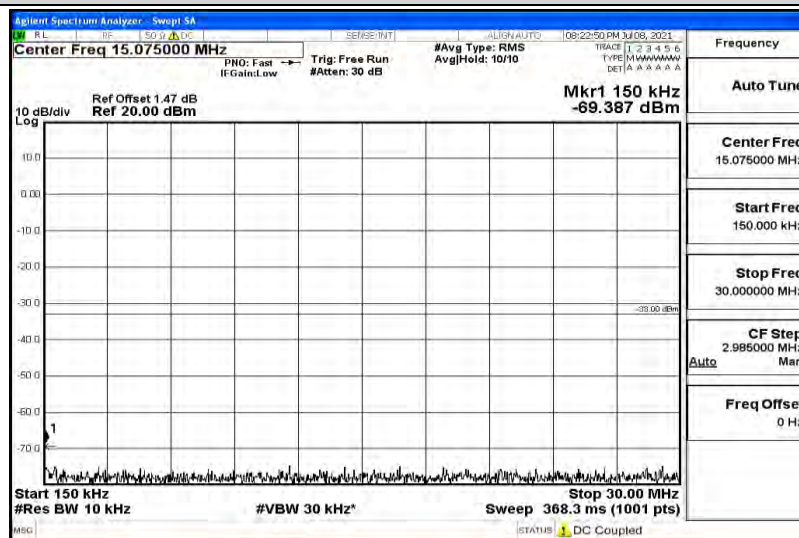
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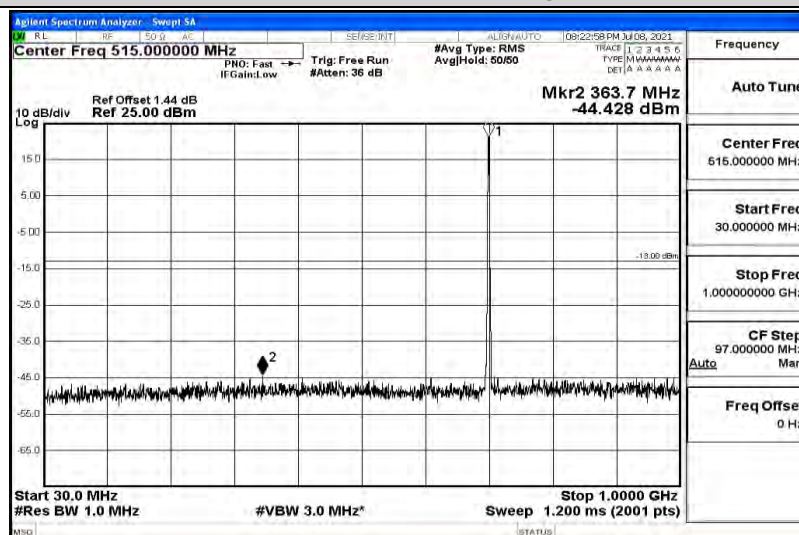
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



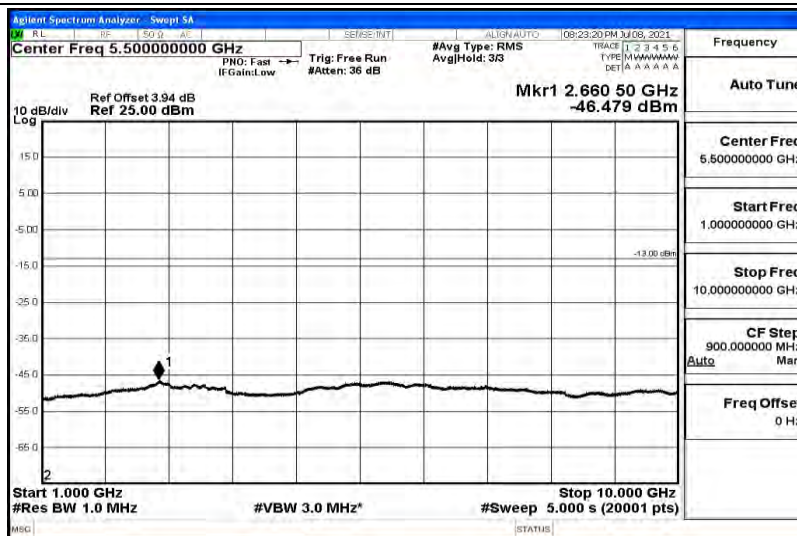
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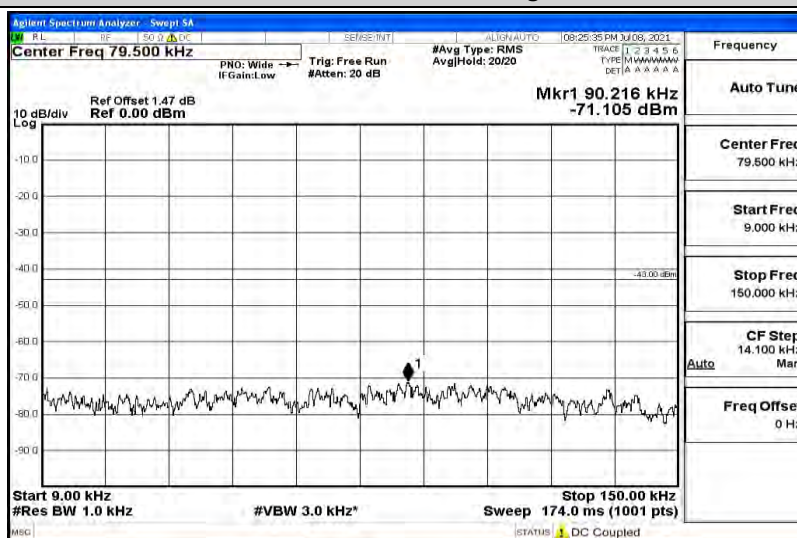
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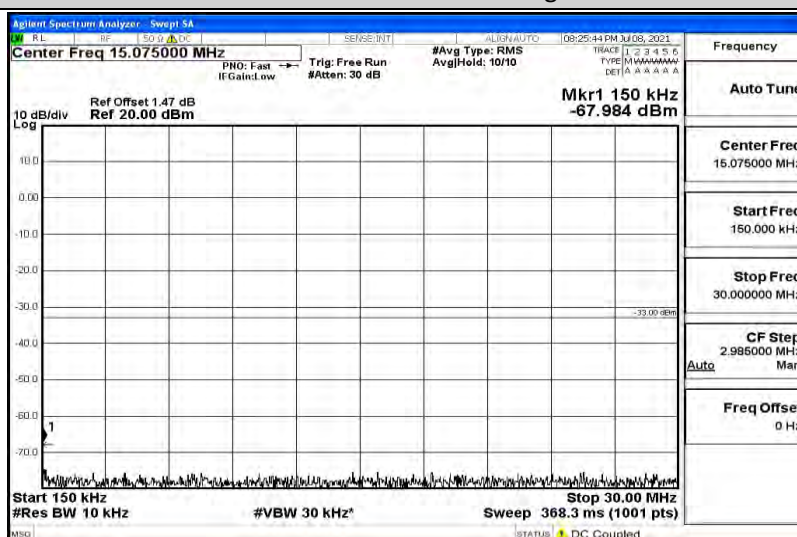
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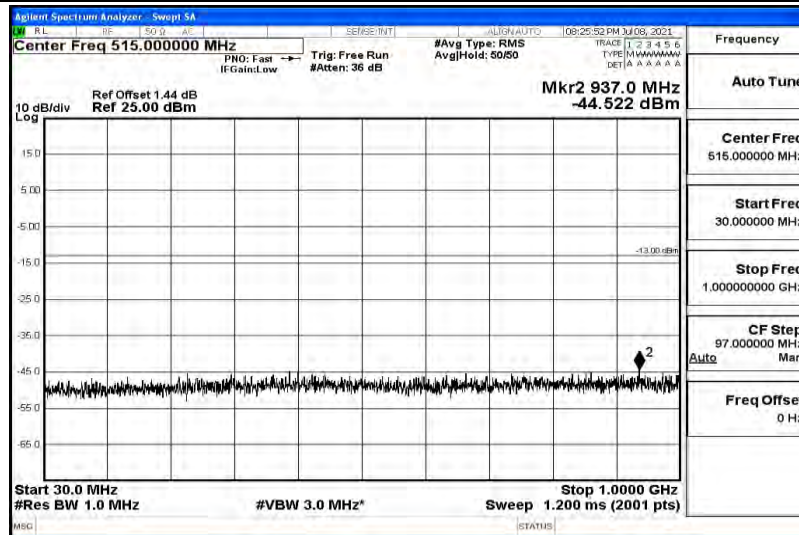
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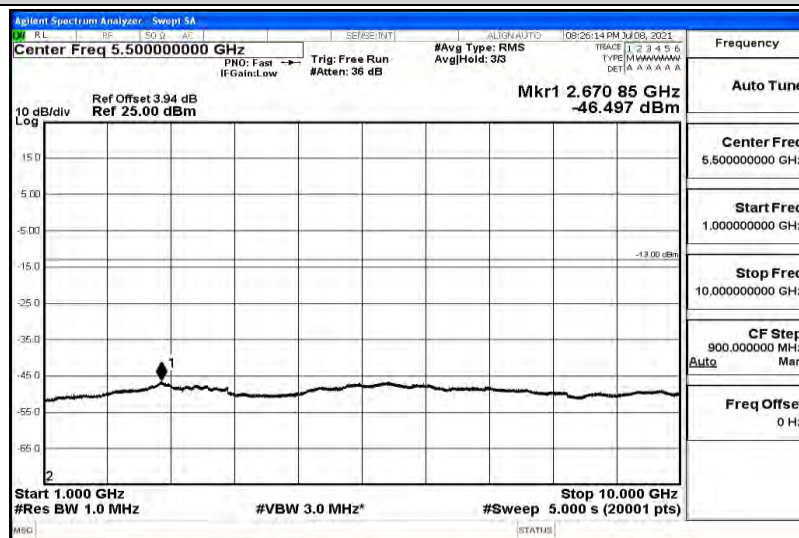
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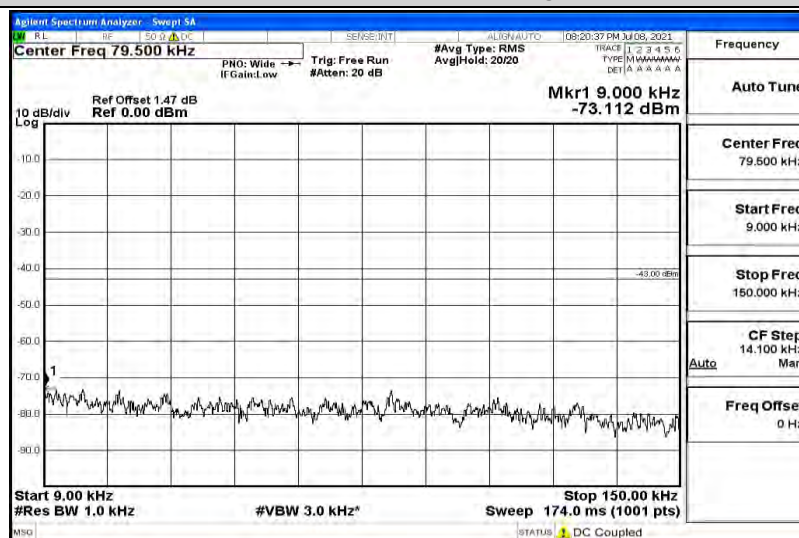
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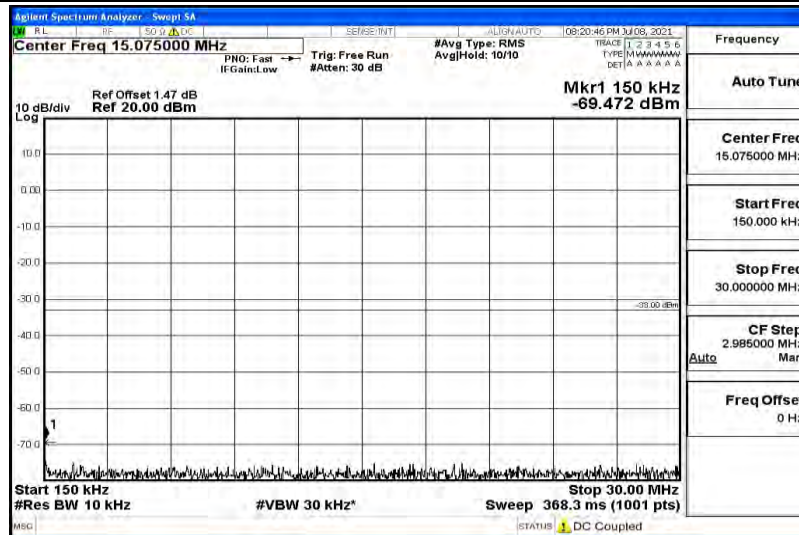
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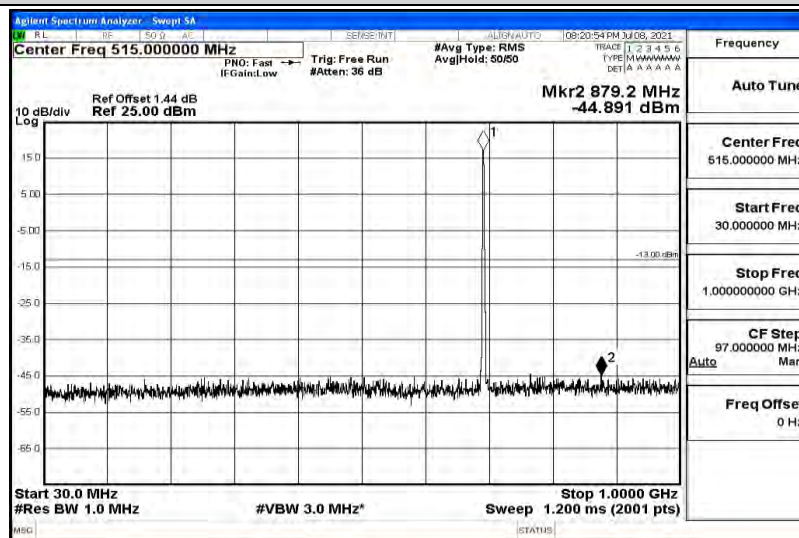
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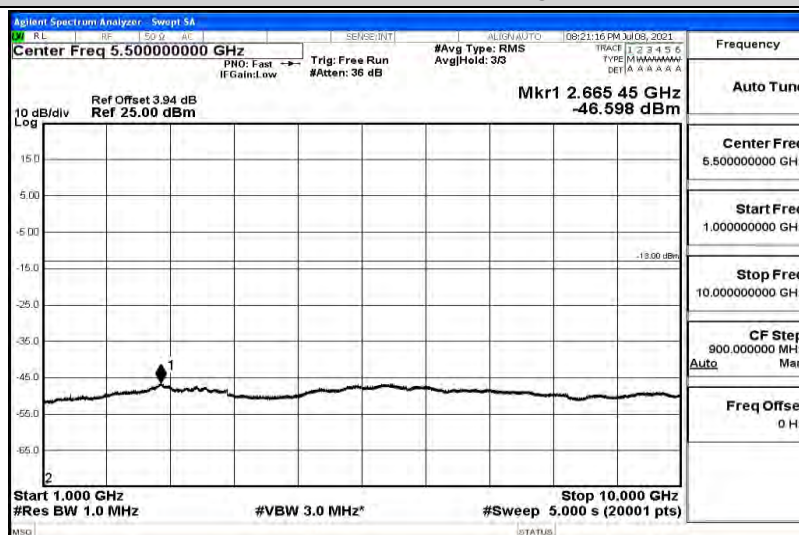
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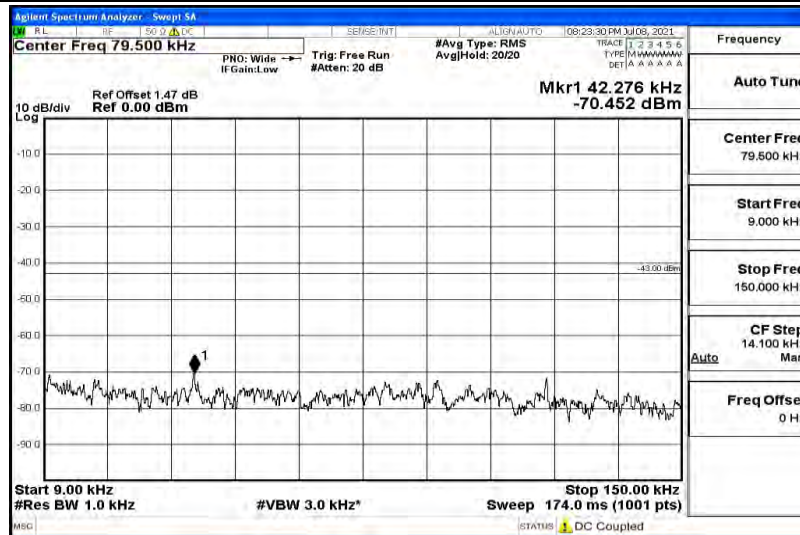
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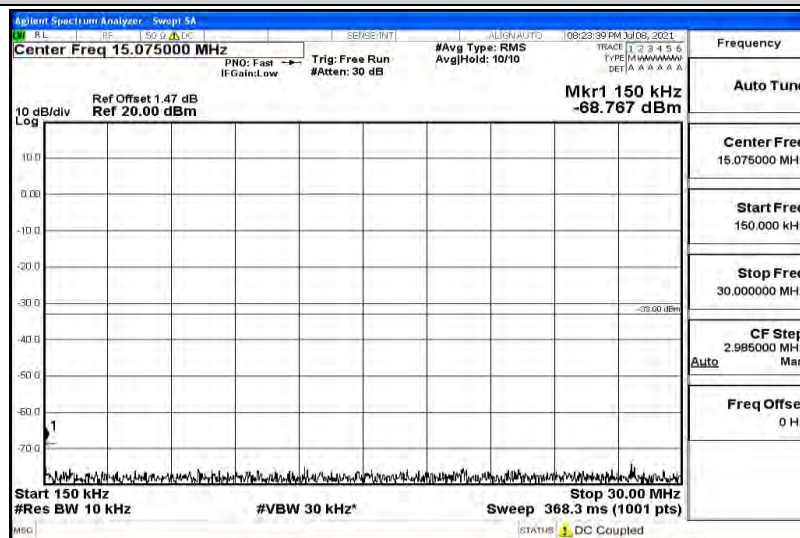
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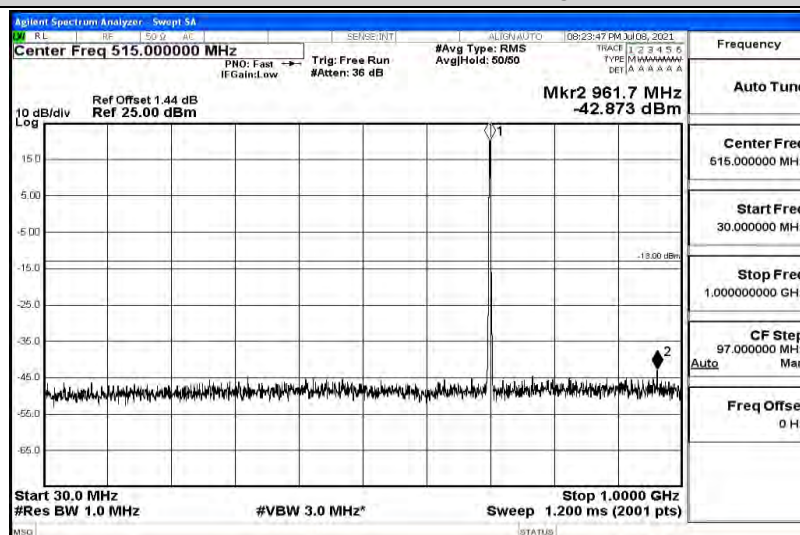
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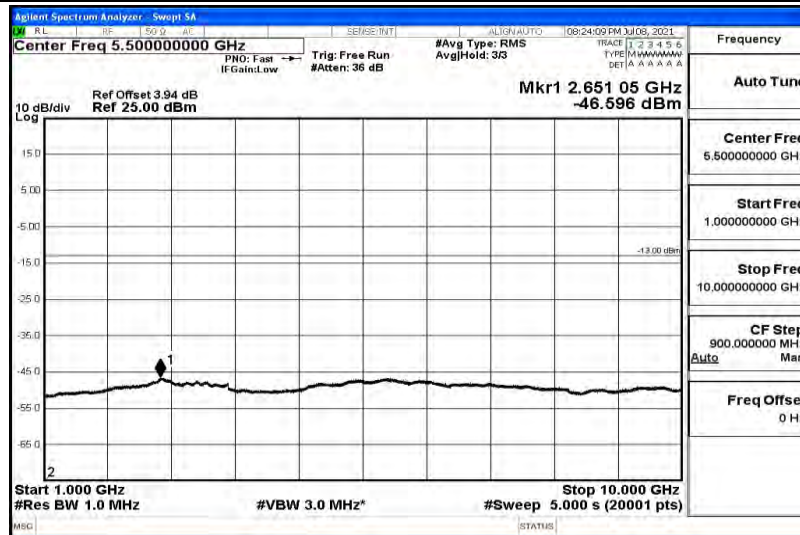
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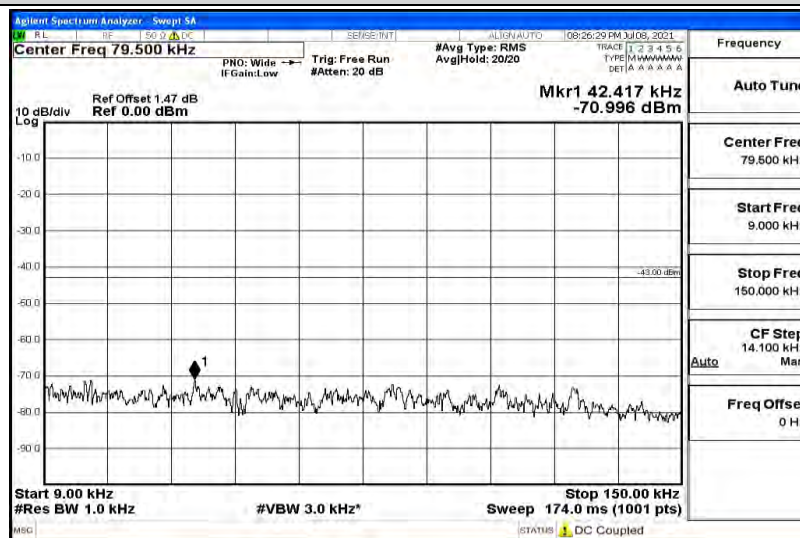
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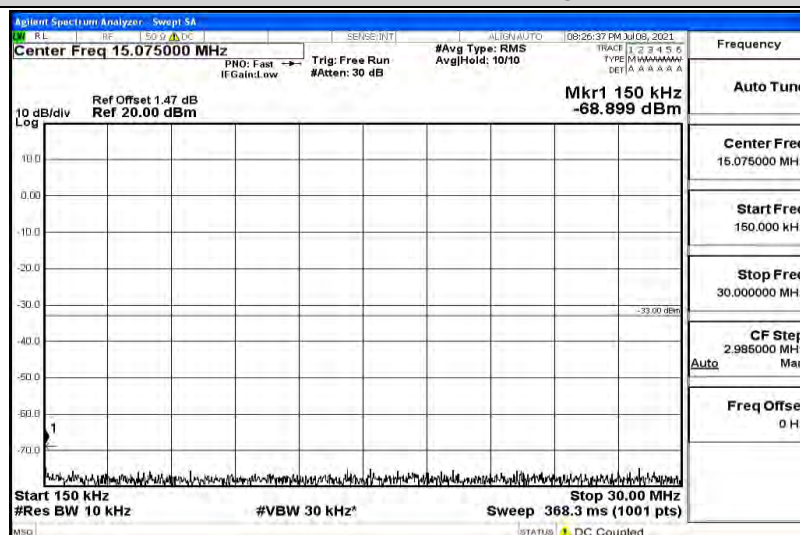
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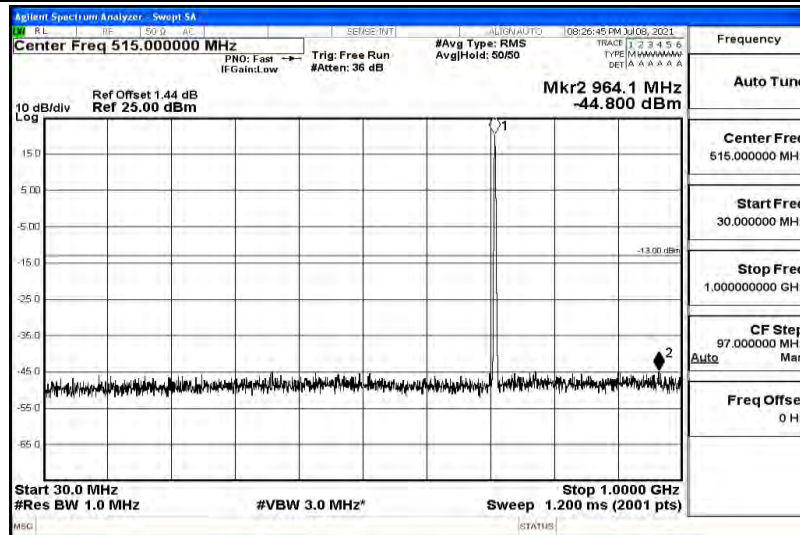
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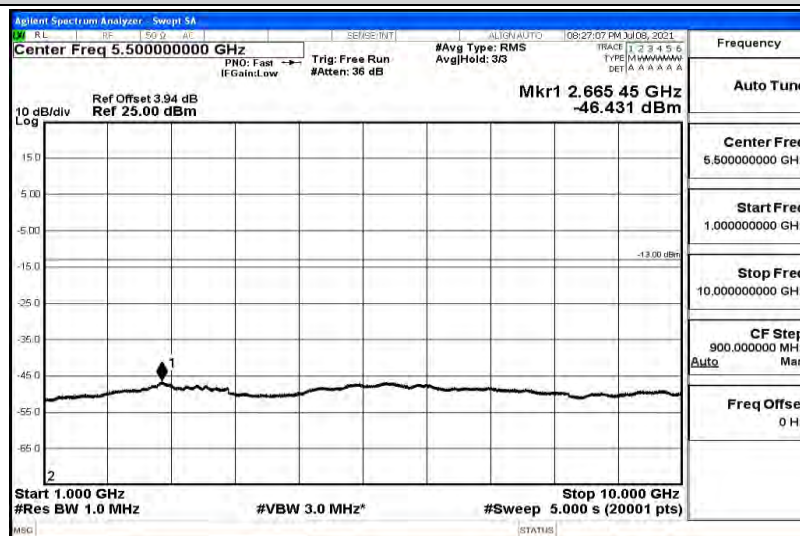
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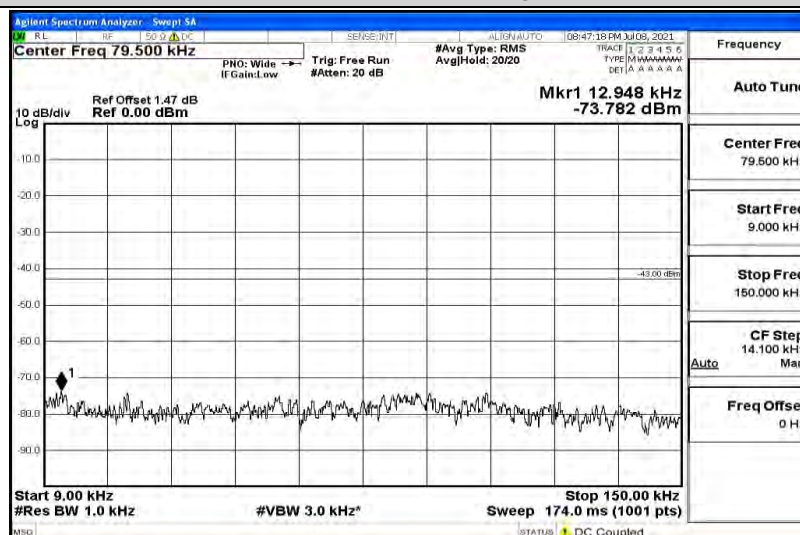
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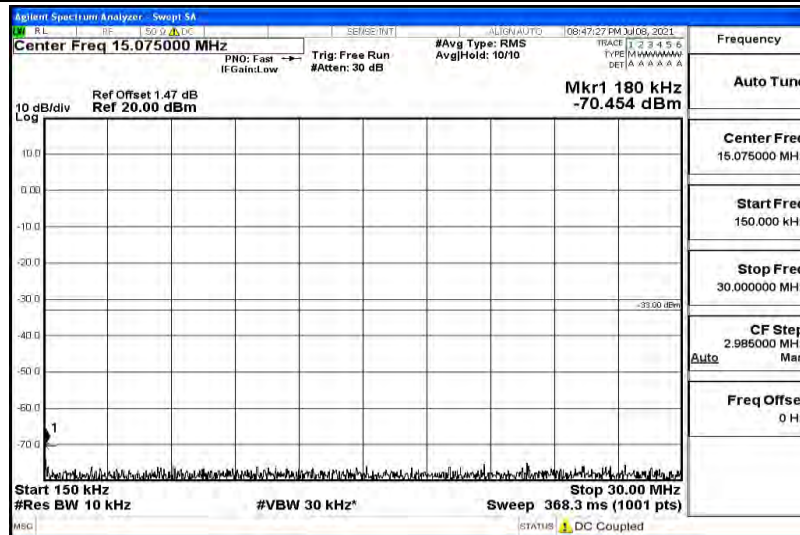
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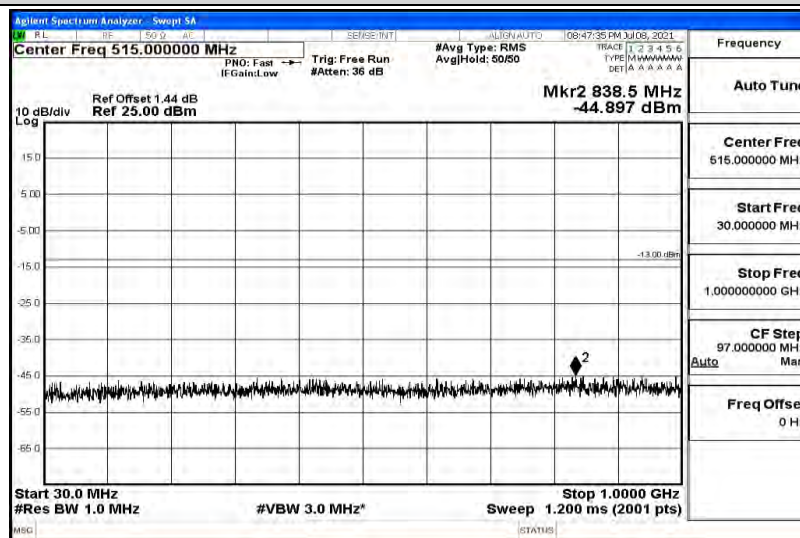
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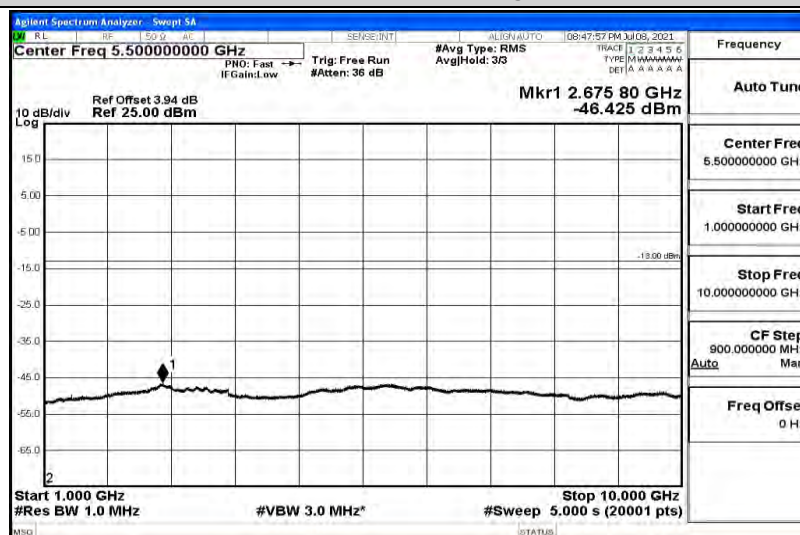
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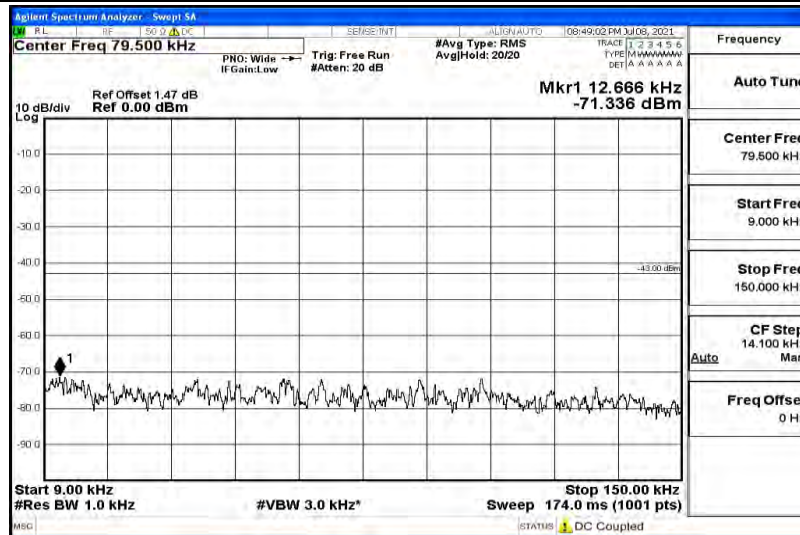
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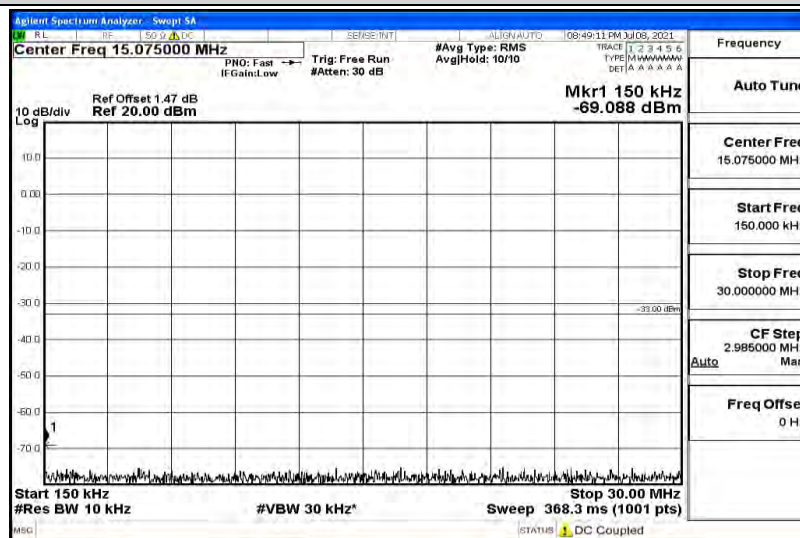
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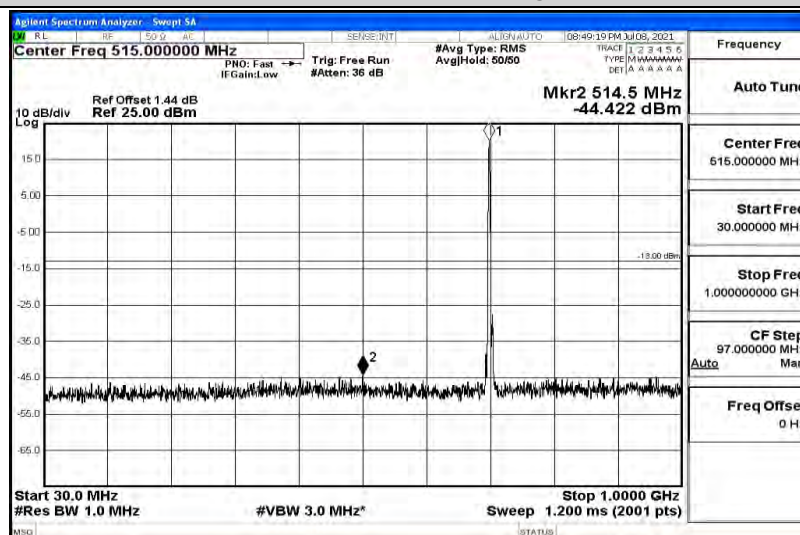
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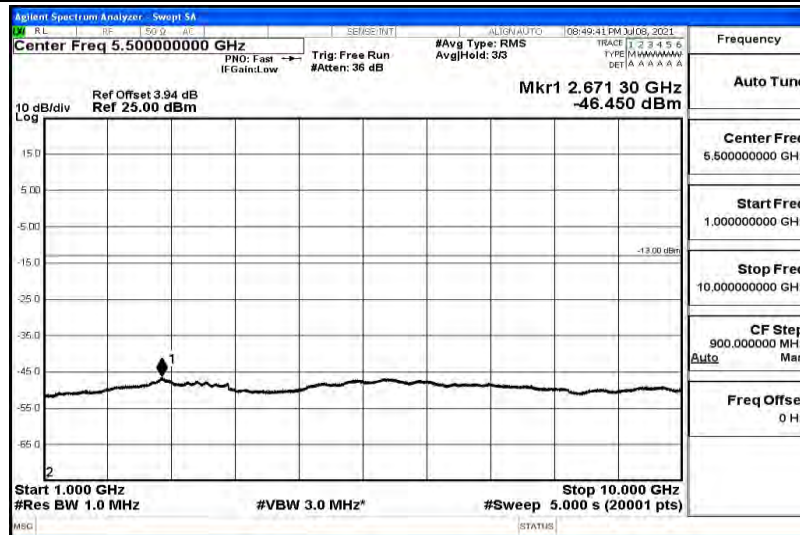
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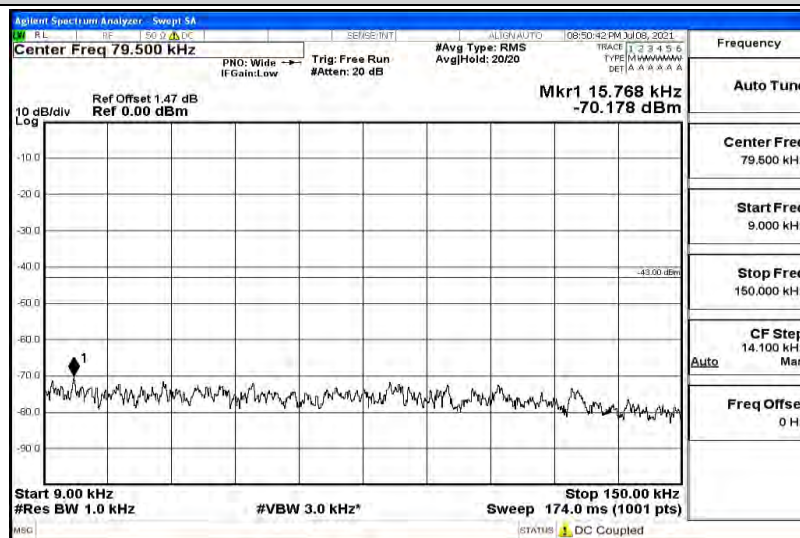
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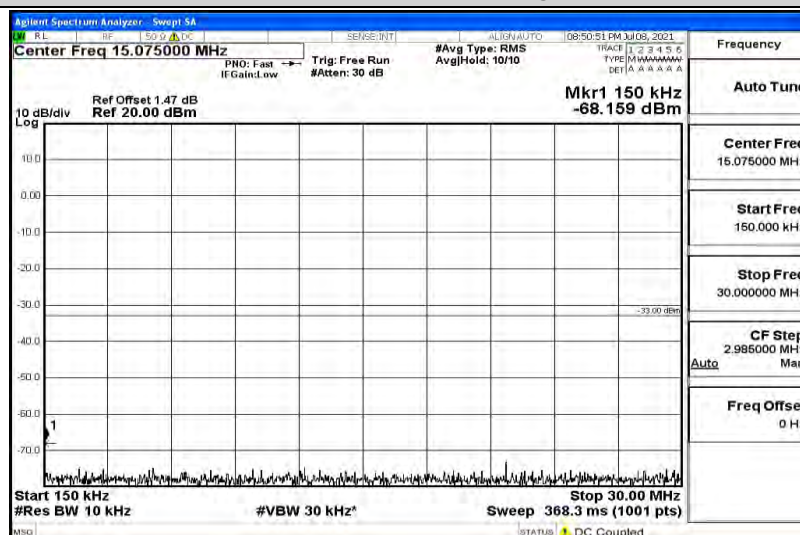
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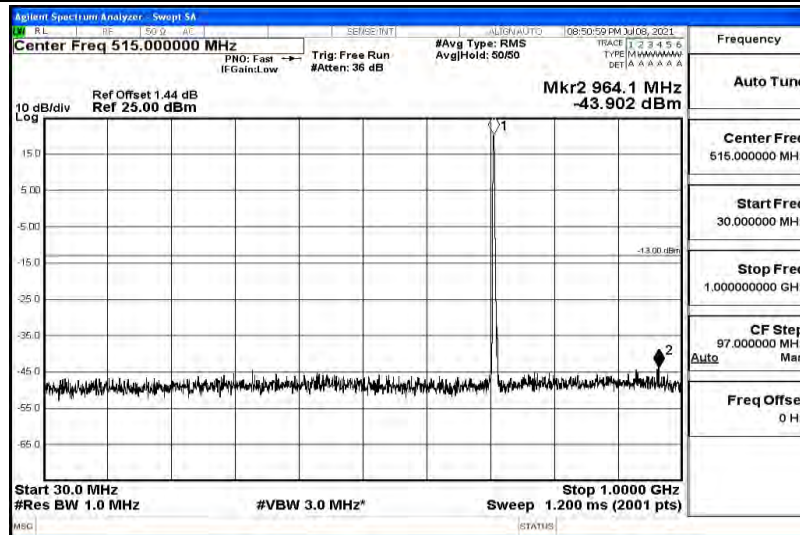
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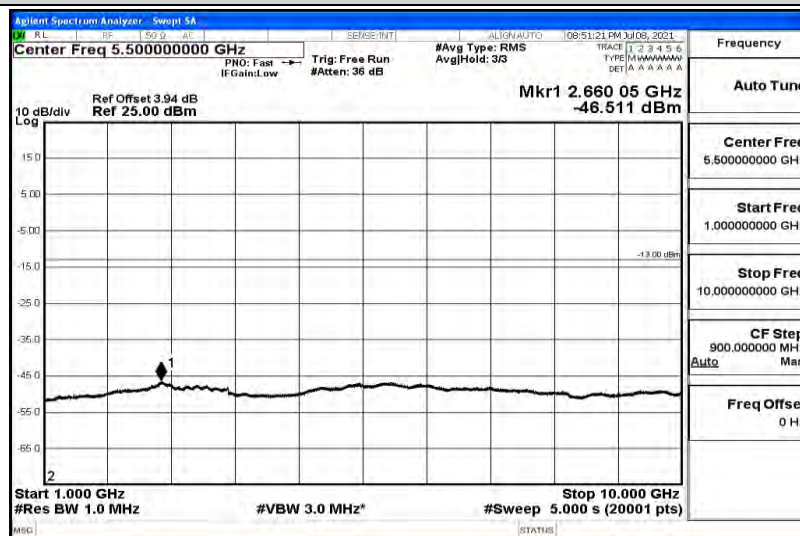
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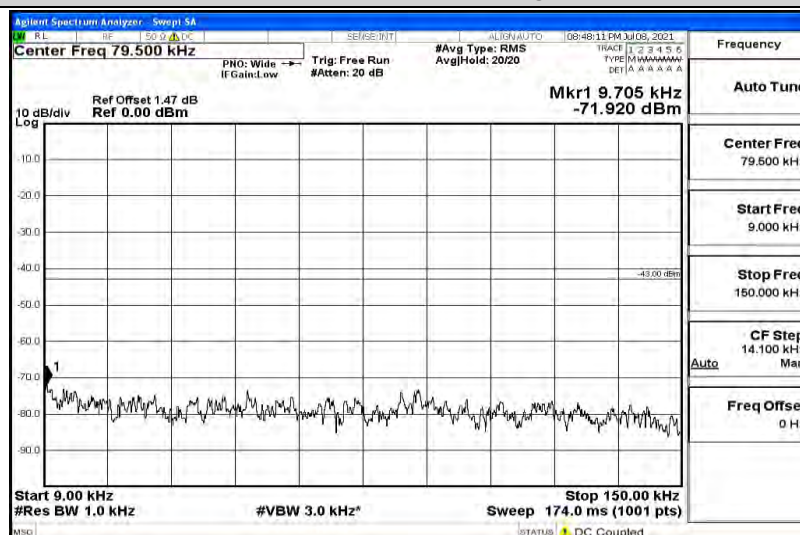
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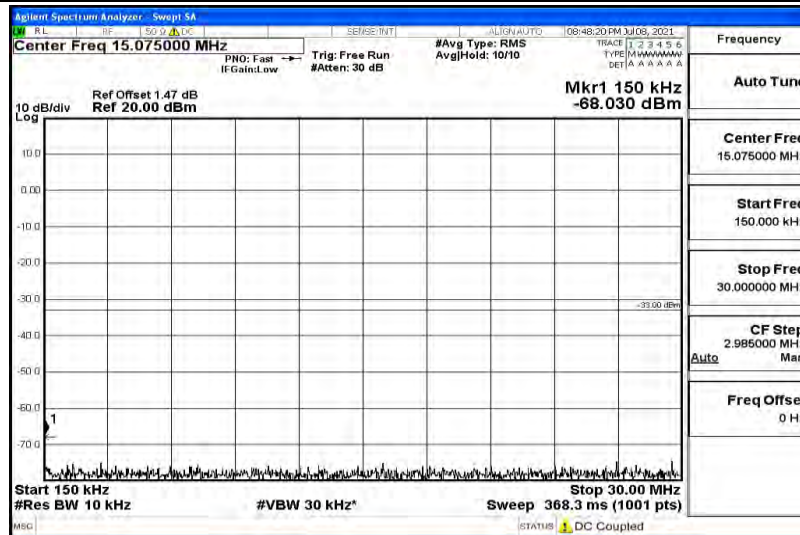
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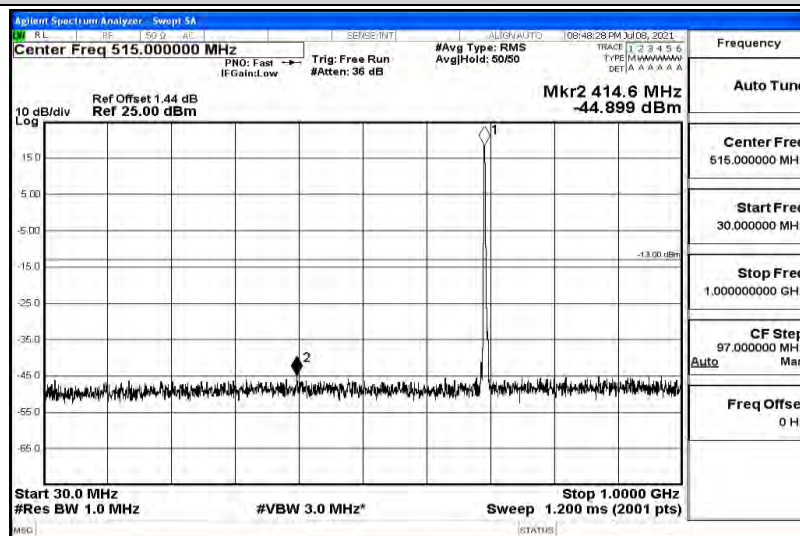
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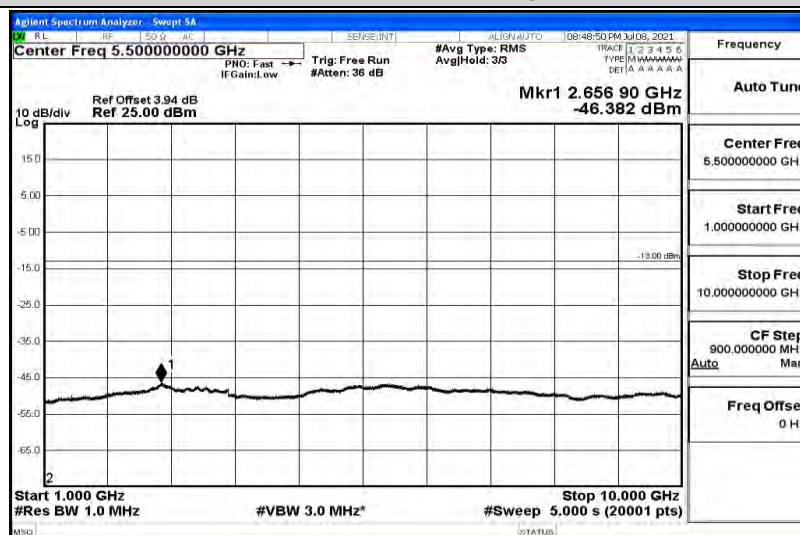
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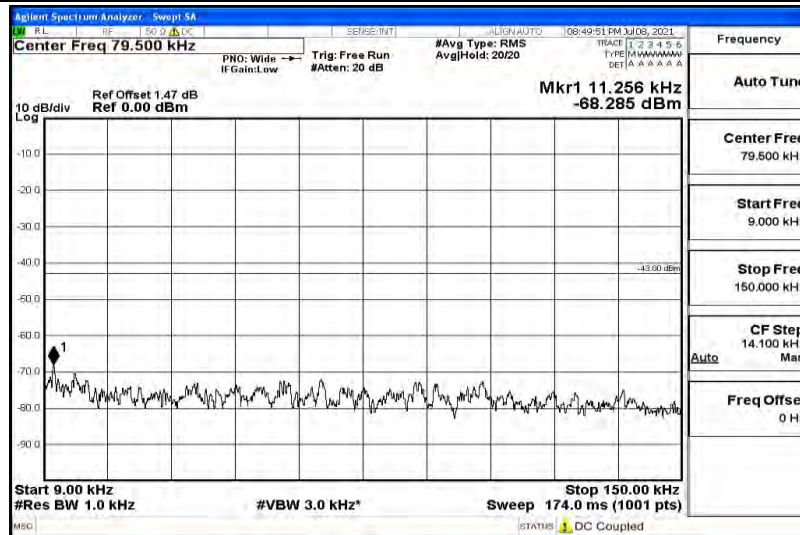
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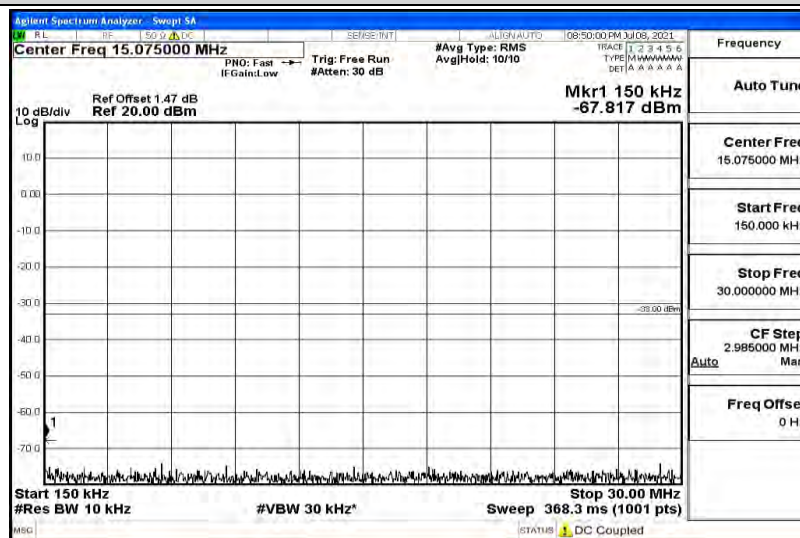
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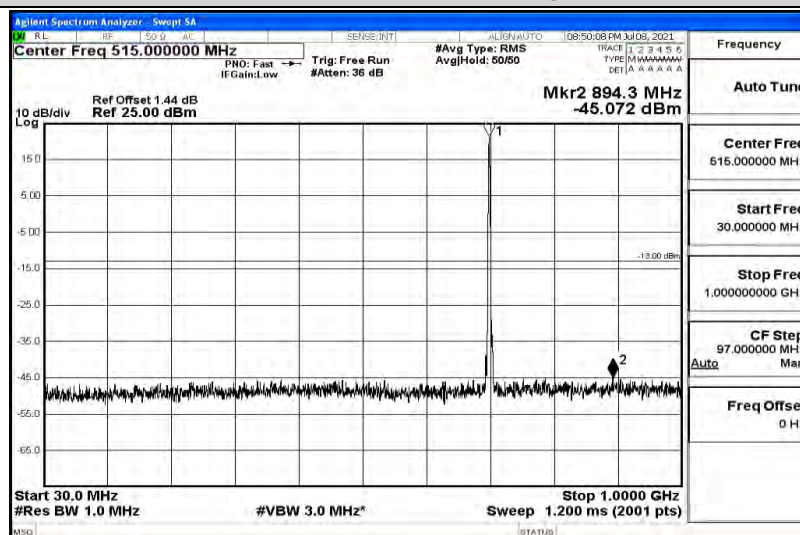
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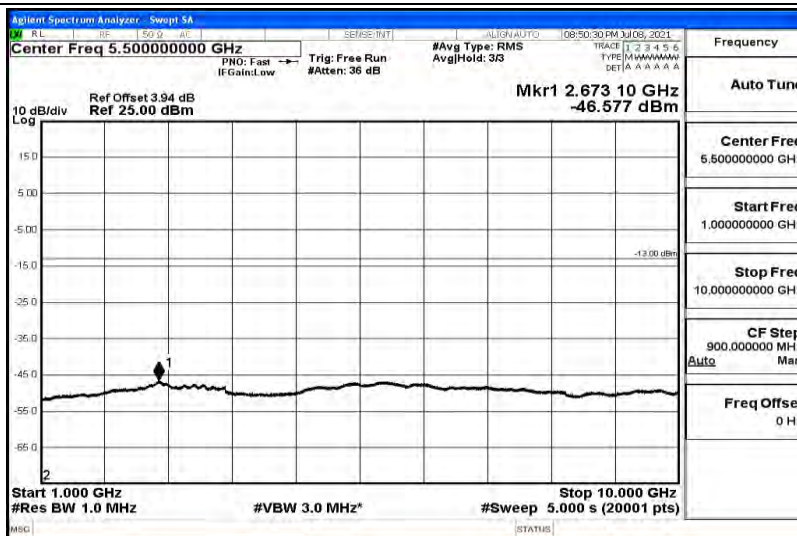
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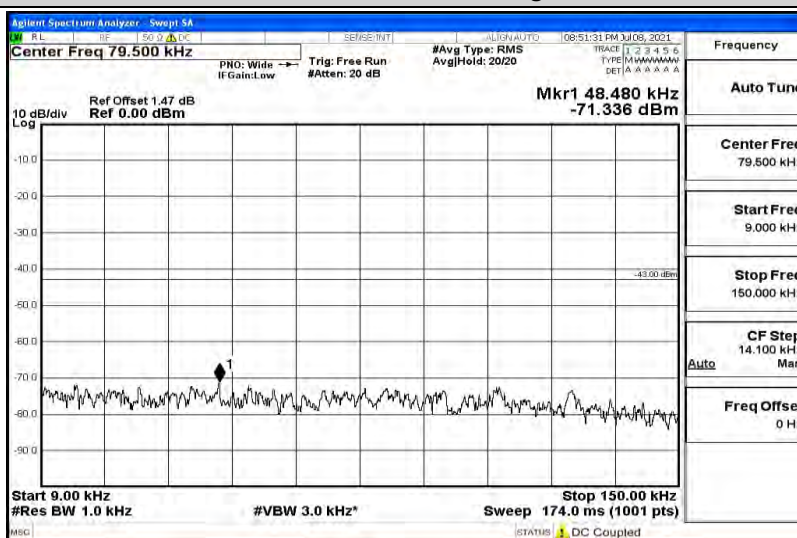
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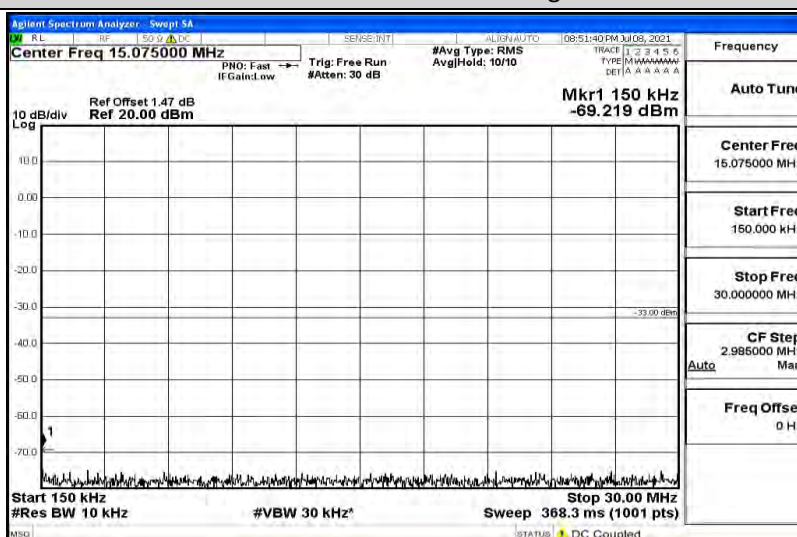
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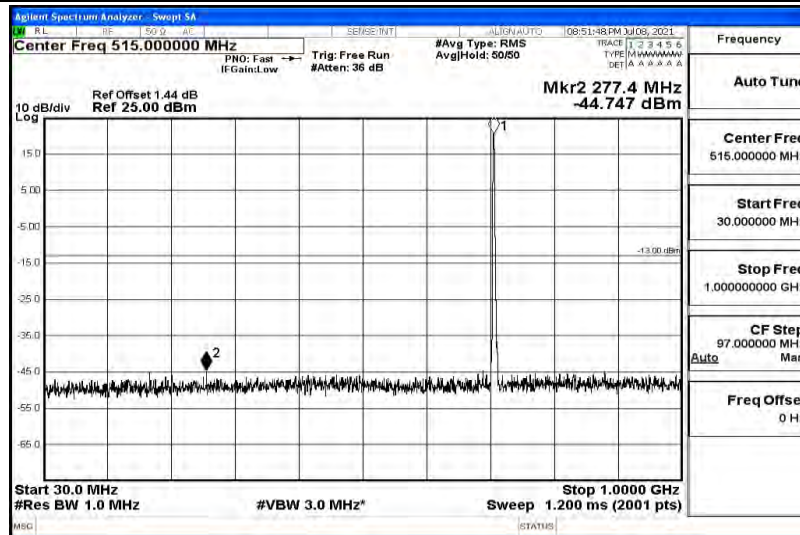
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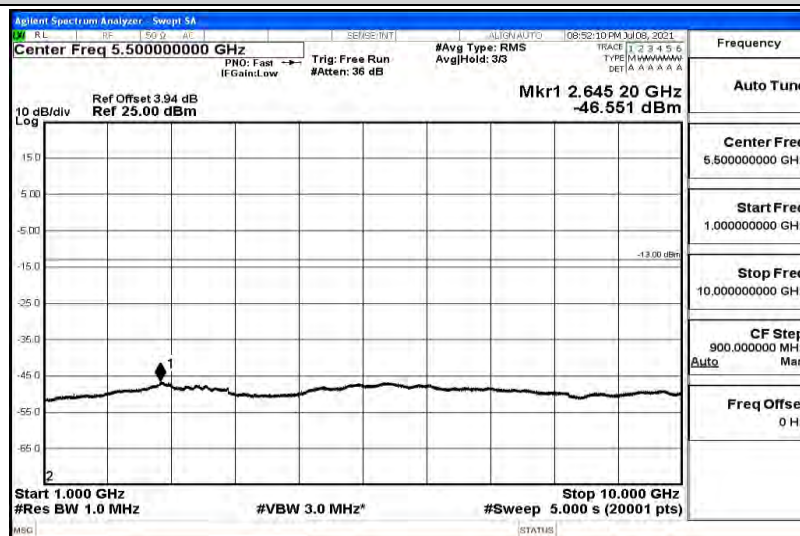
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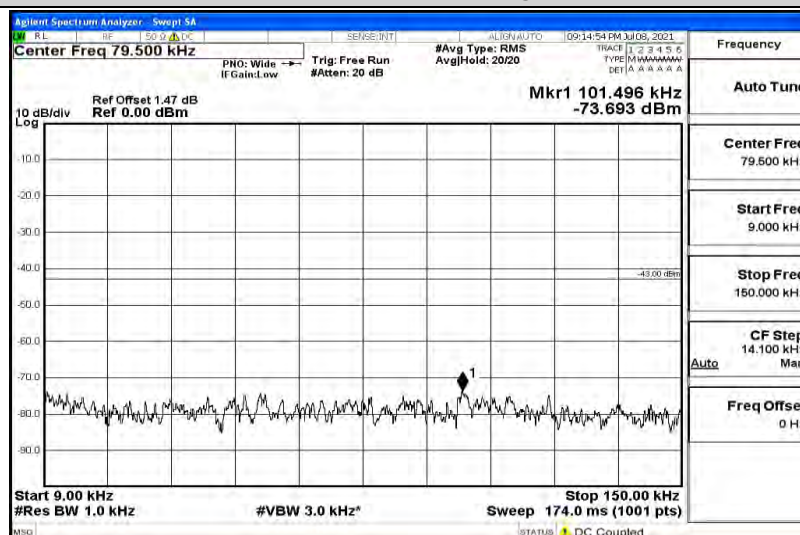
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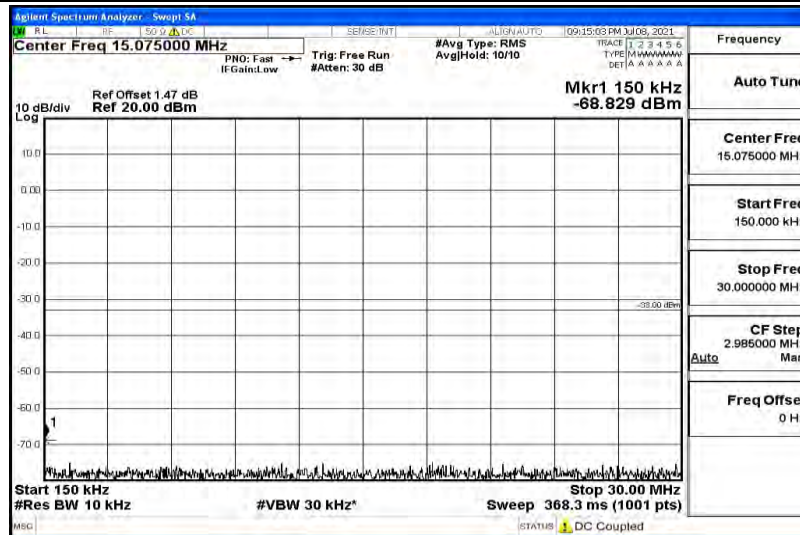
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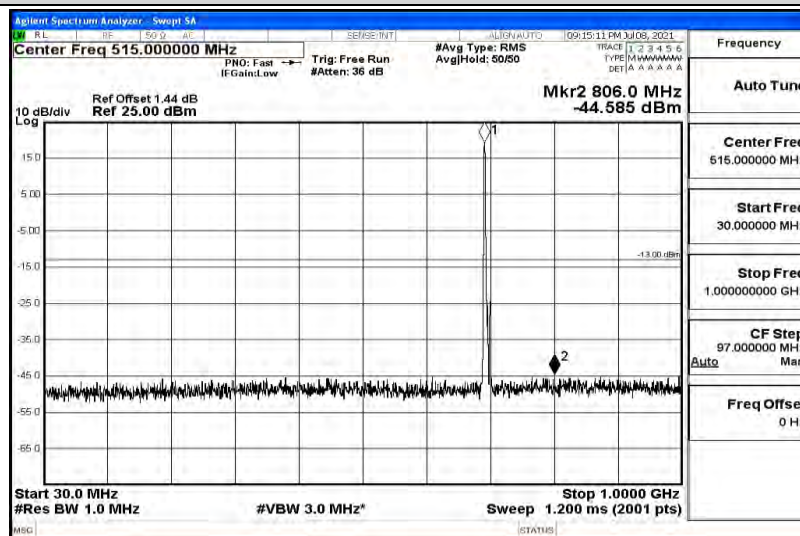
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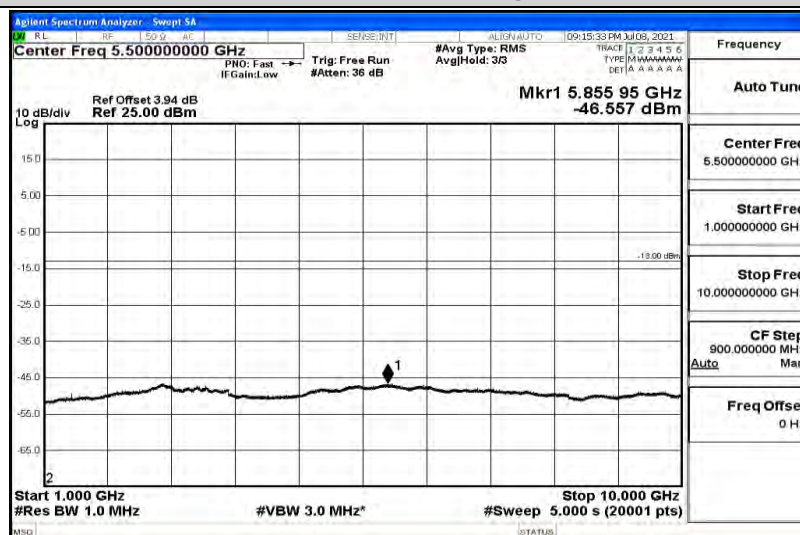
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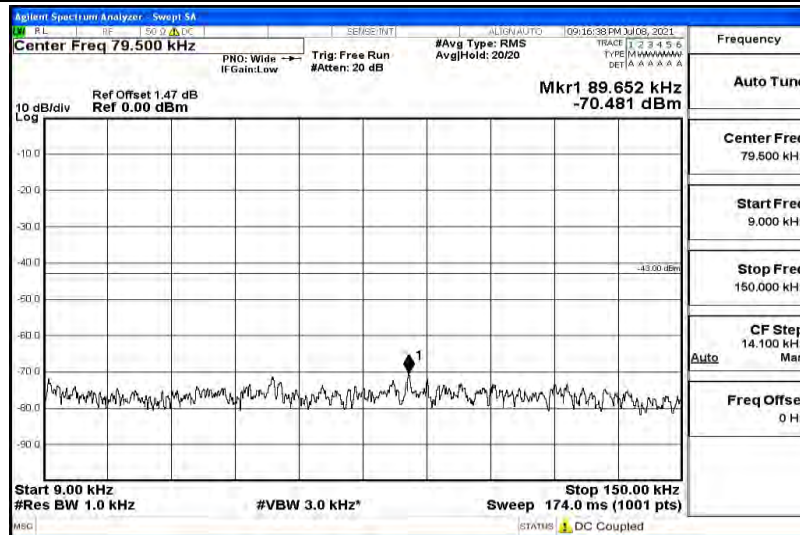
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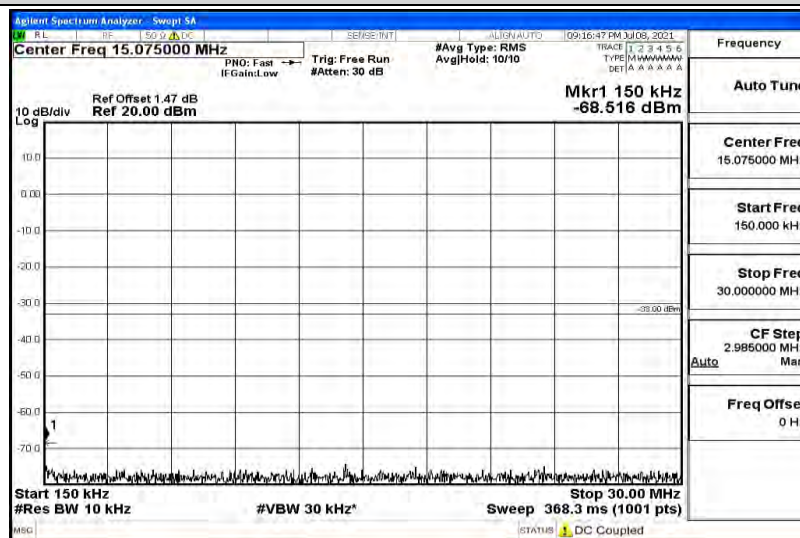
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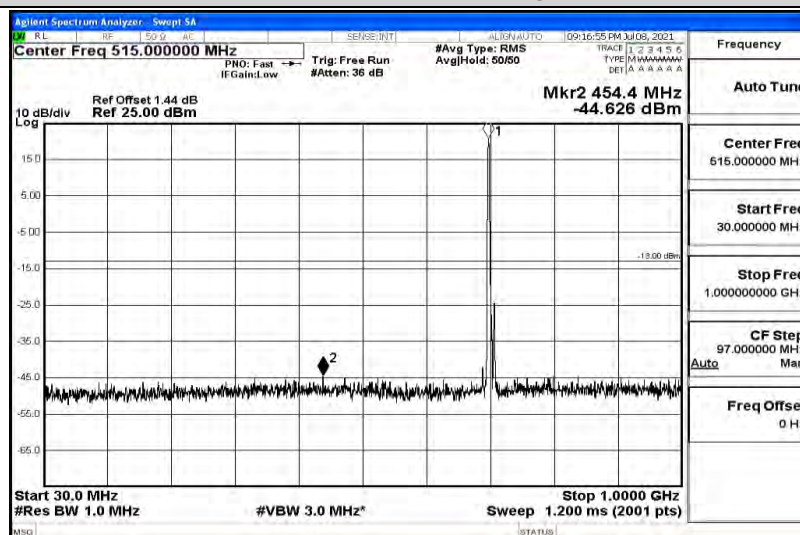
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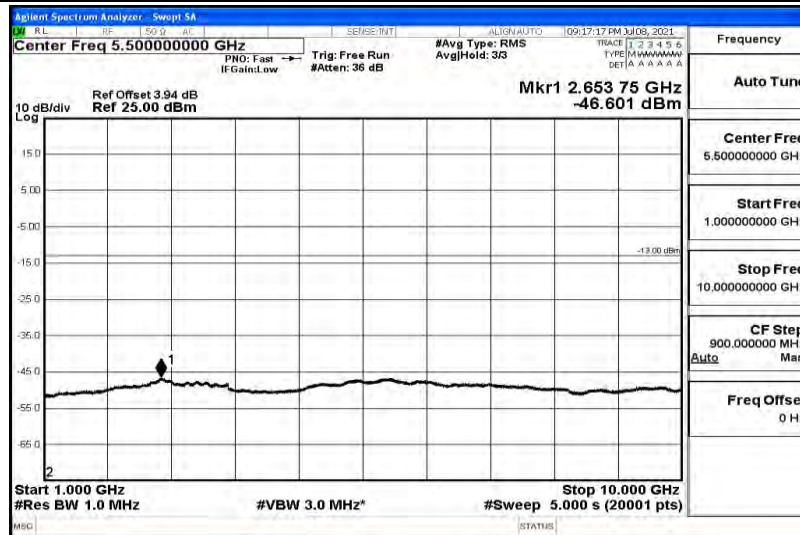
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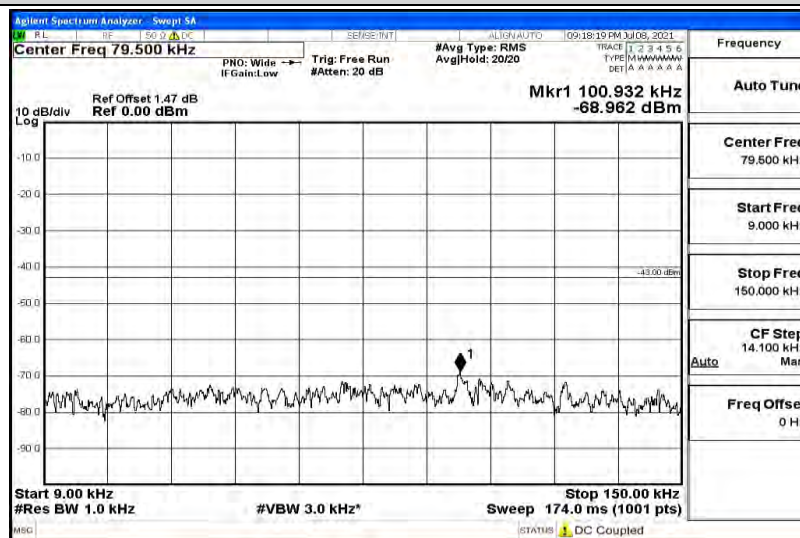
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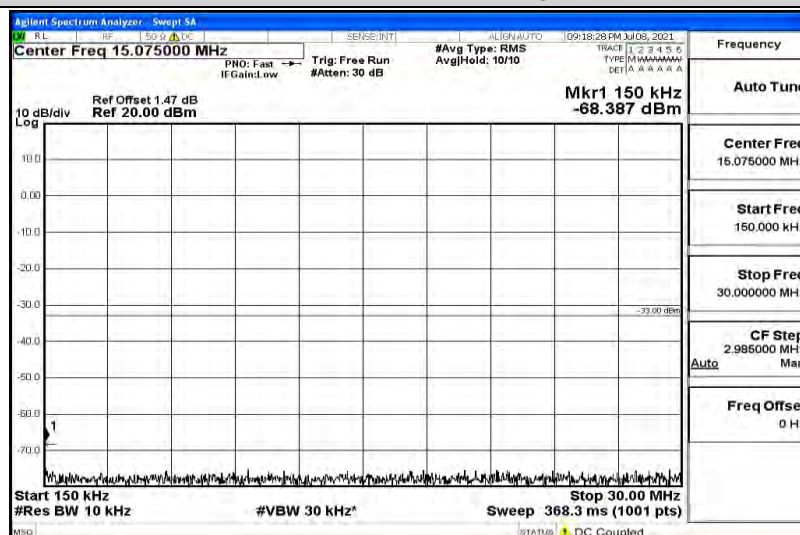
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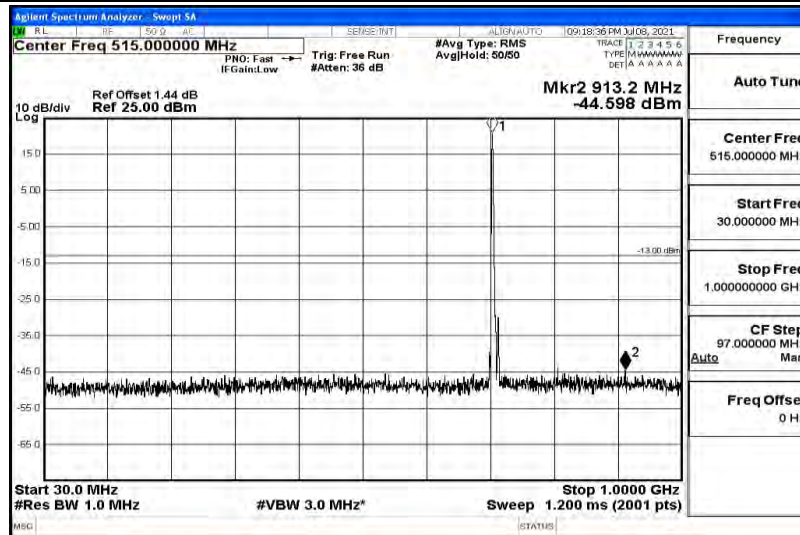
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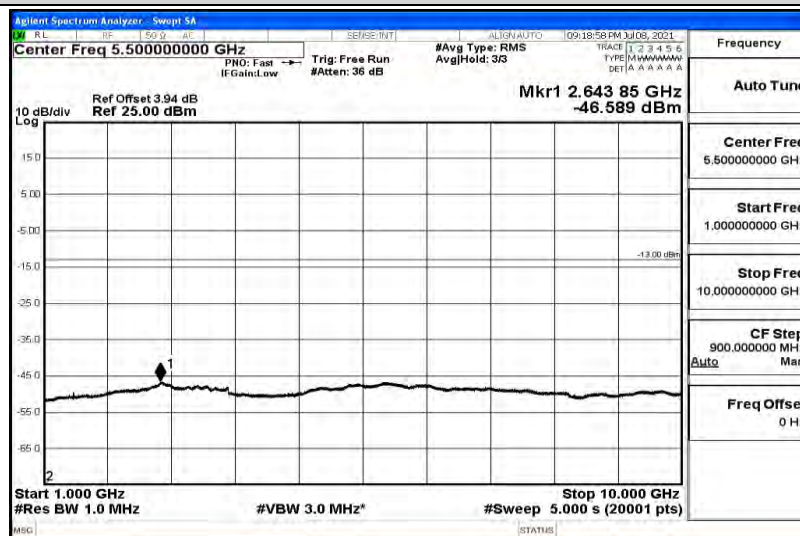
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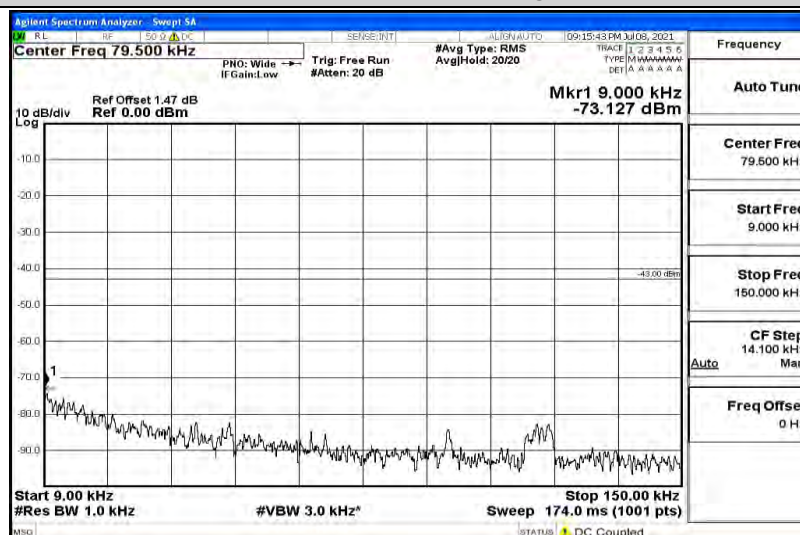
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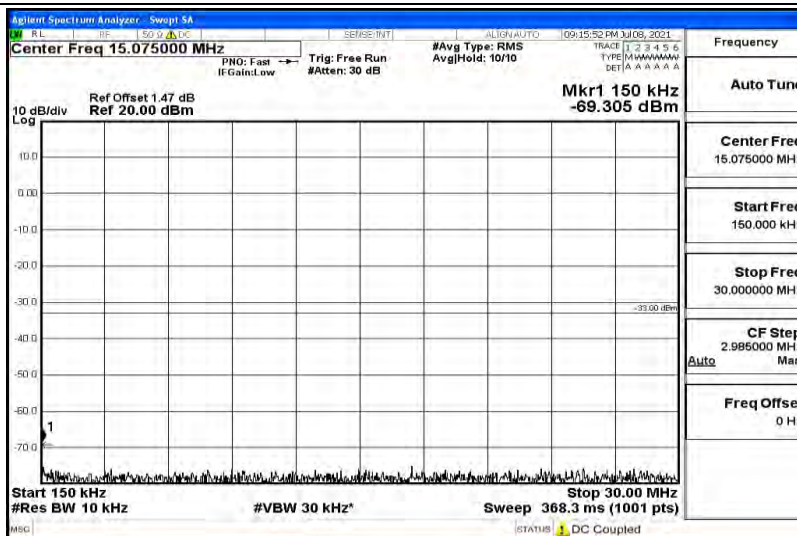
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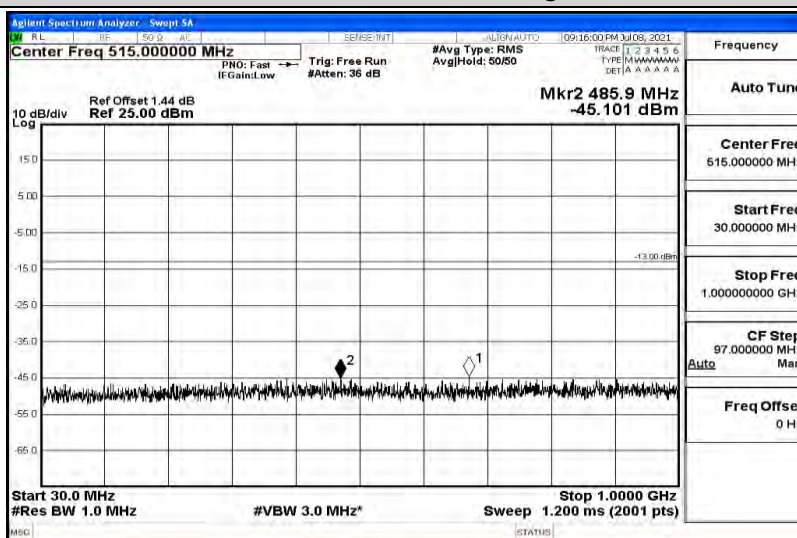
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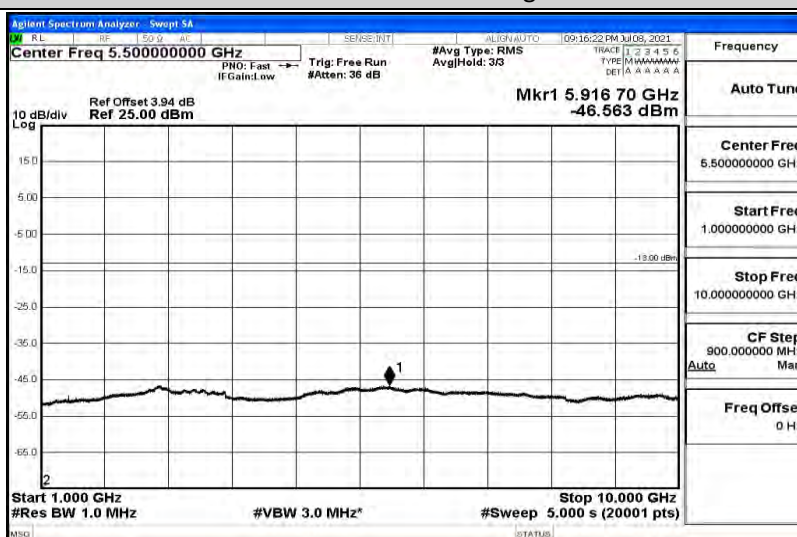
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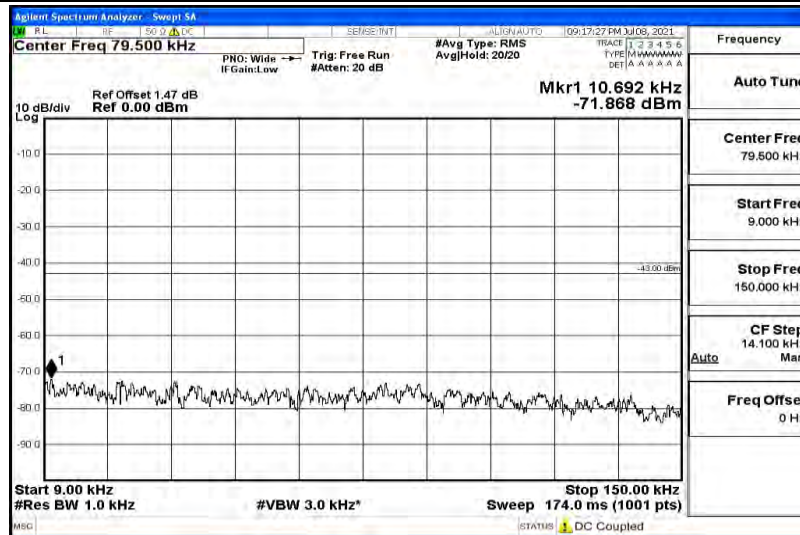
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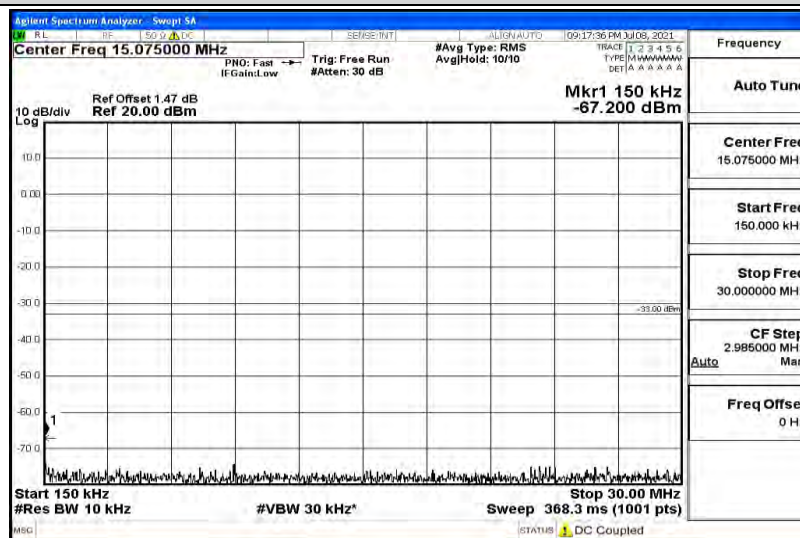
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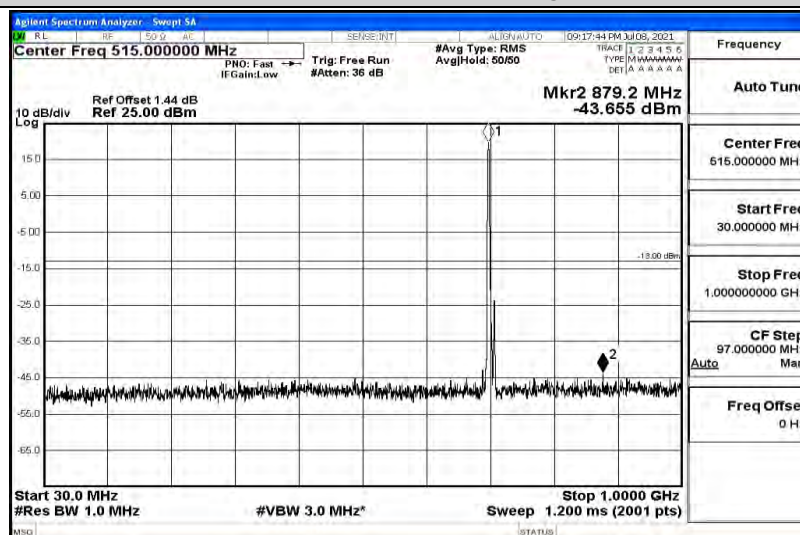
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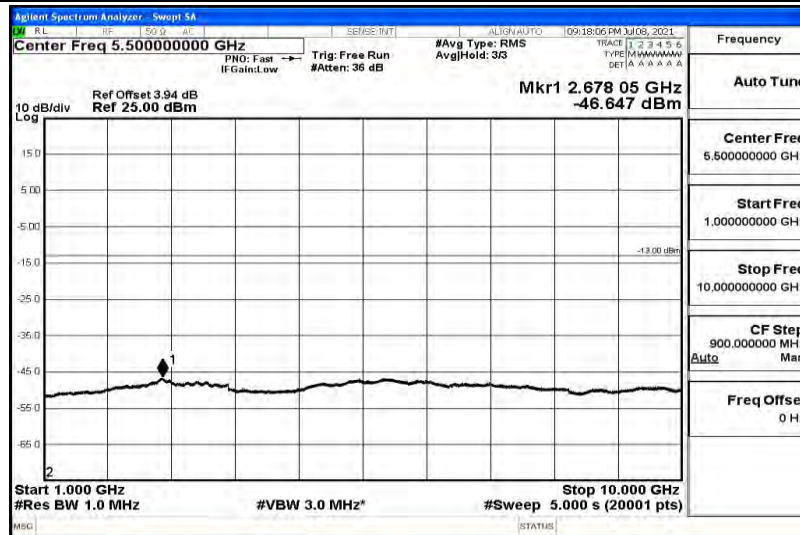
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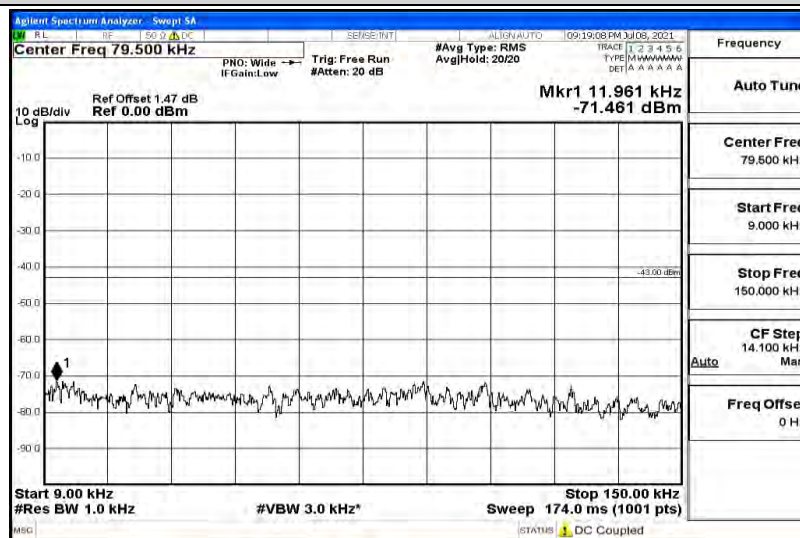
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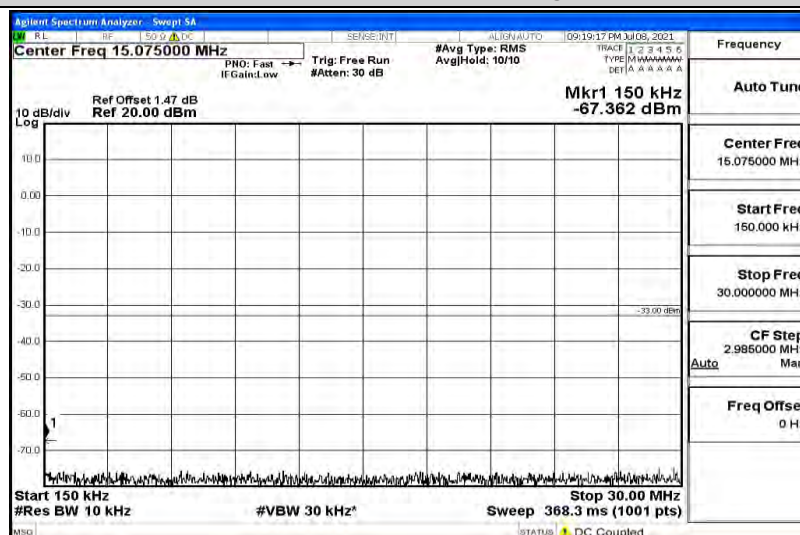
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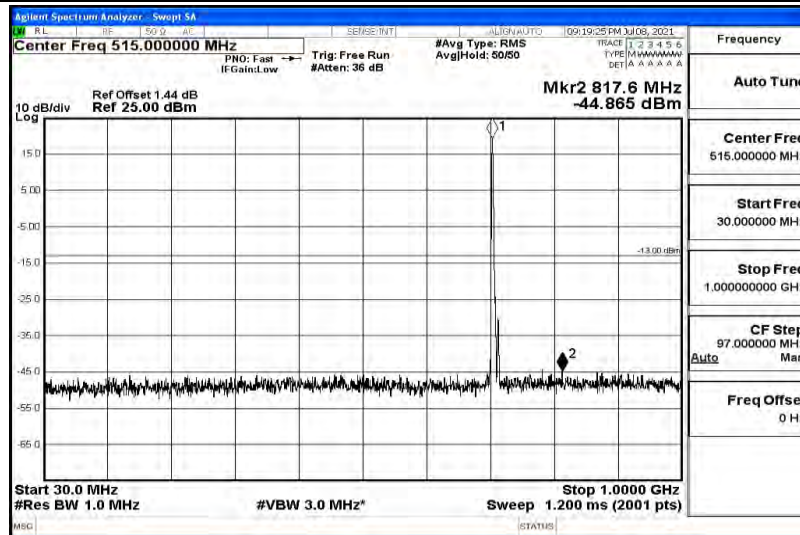
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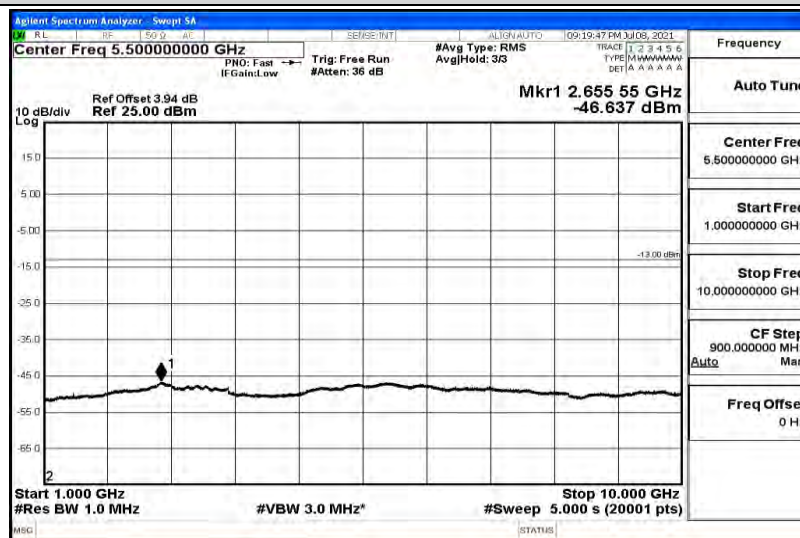
Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz



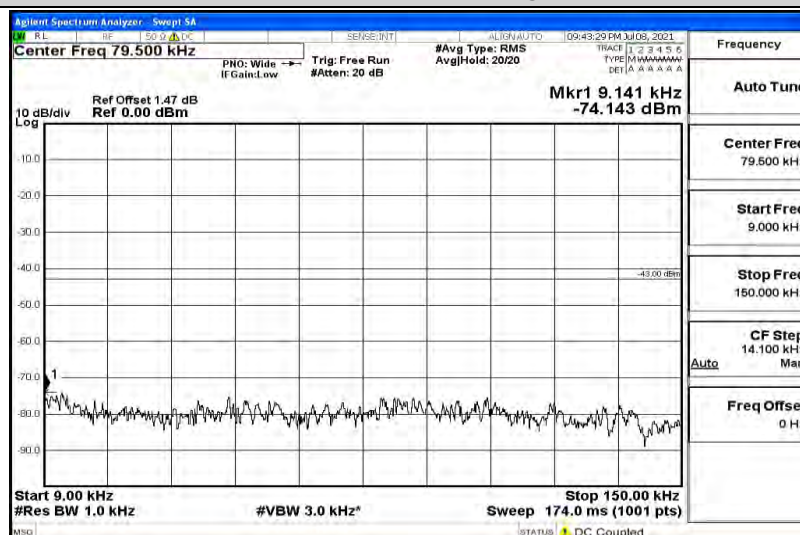
Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz



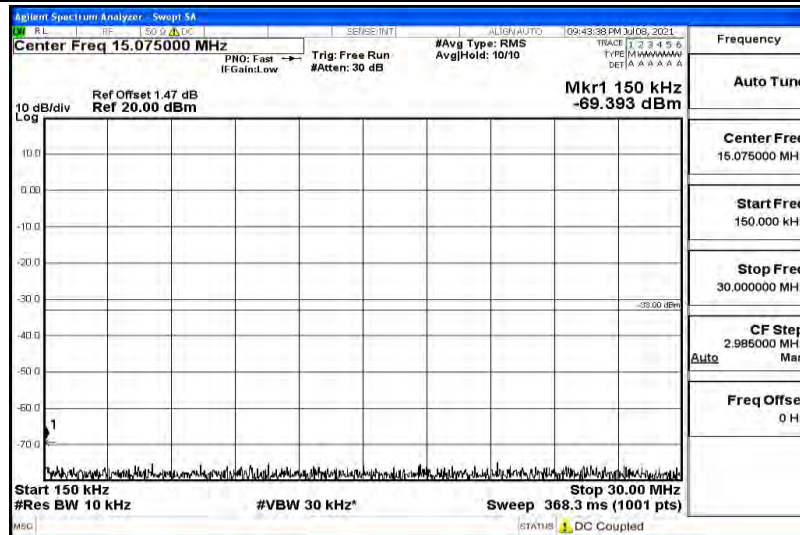
Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz



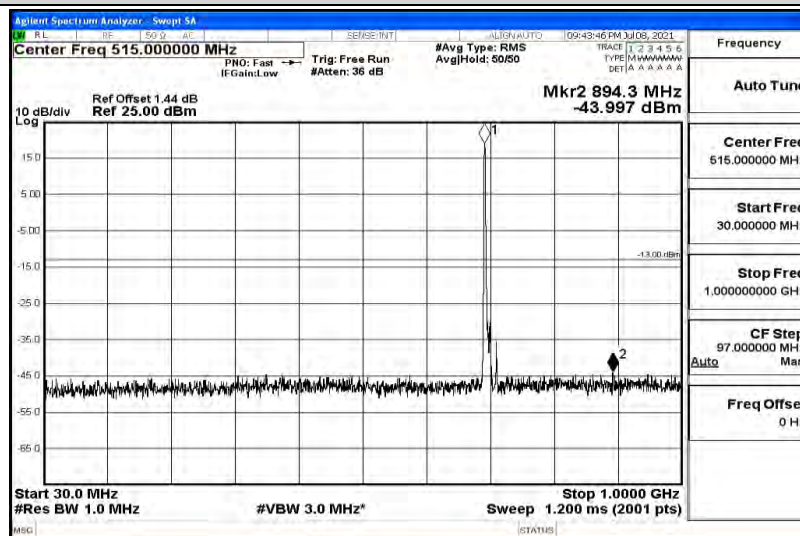
Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



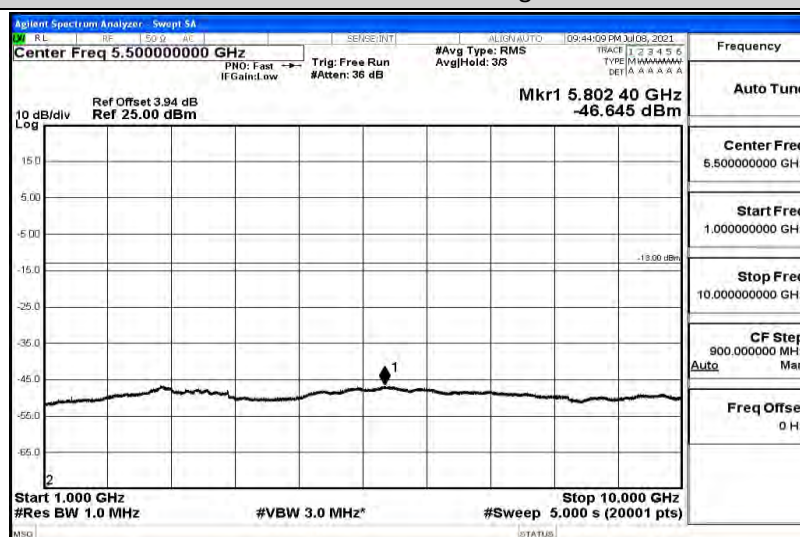
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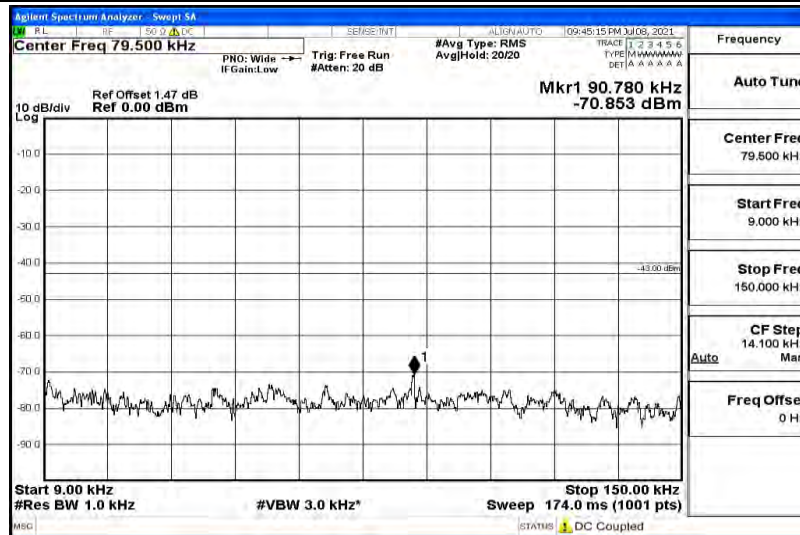
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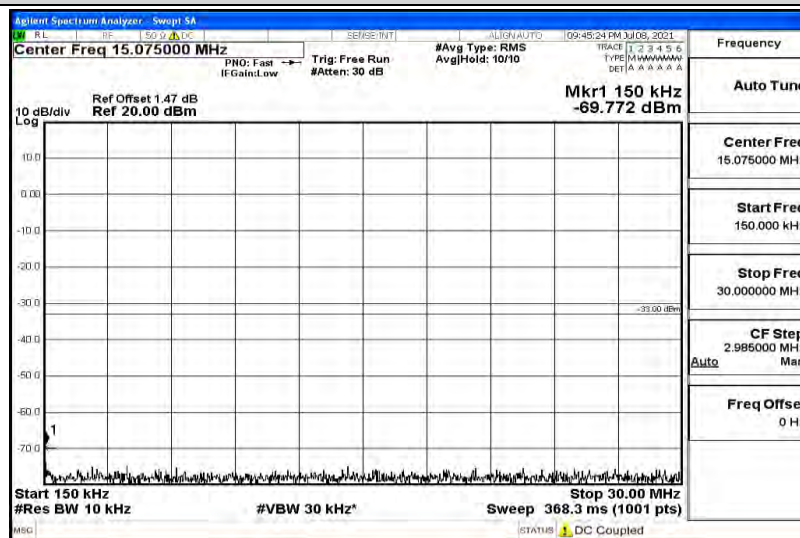
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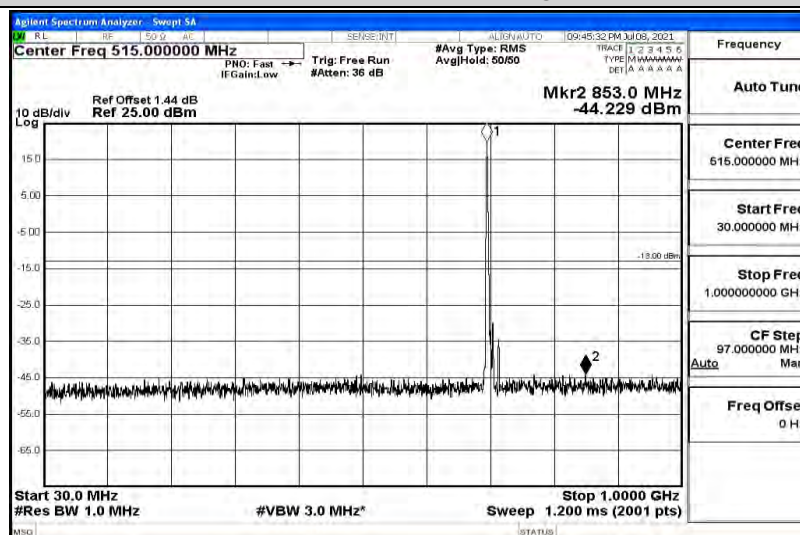
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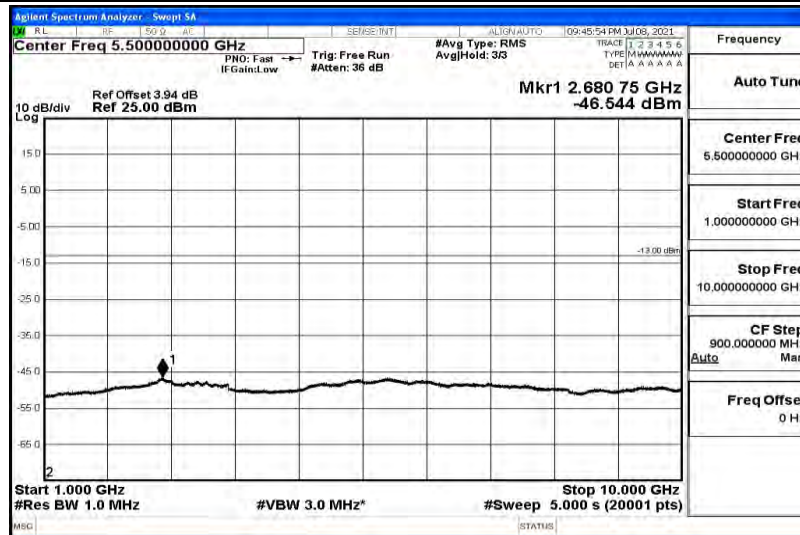
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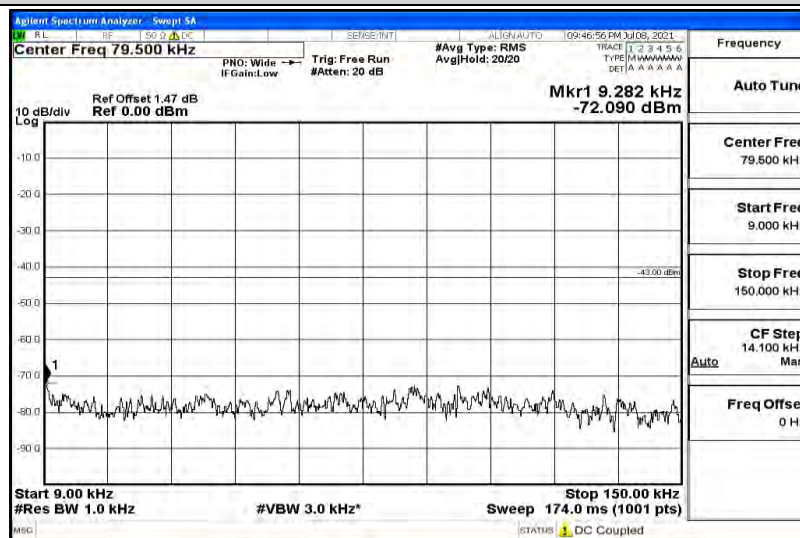
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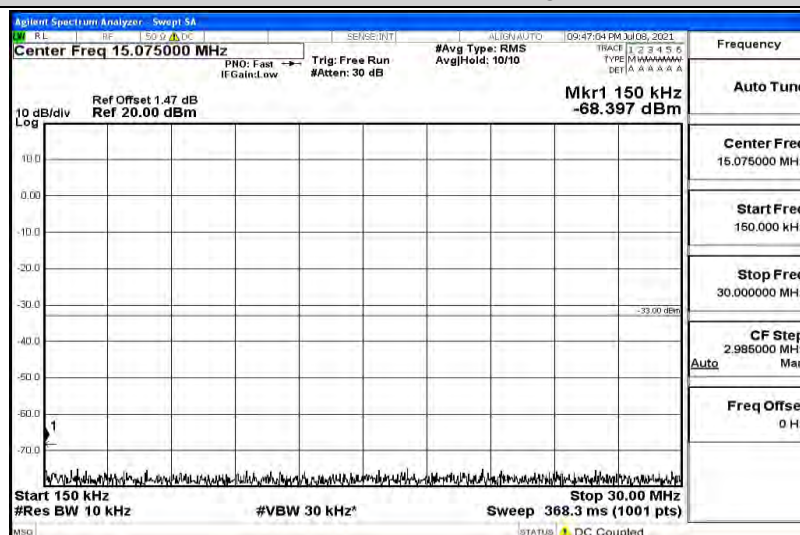
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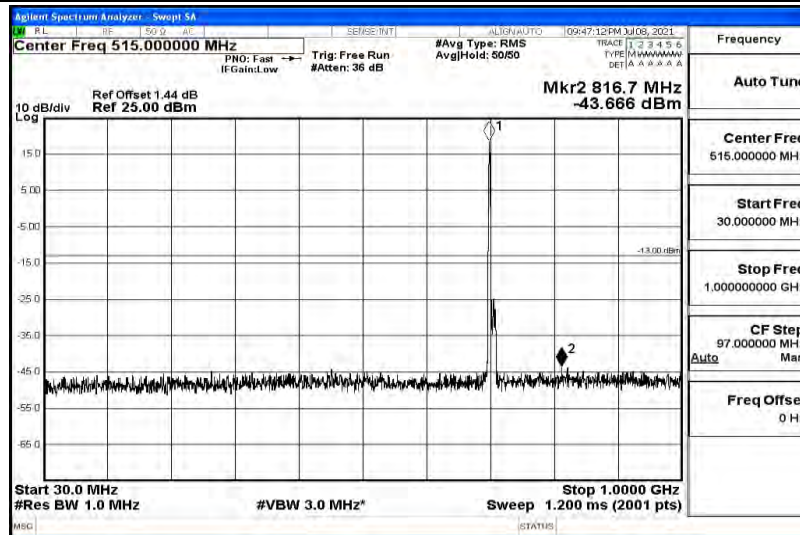
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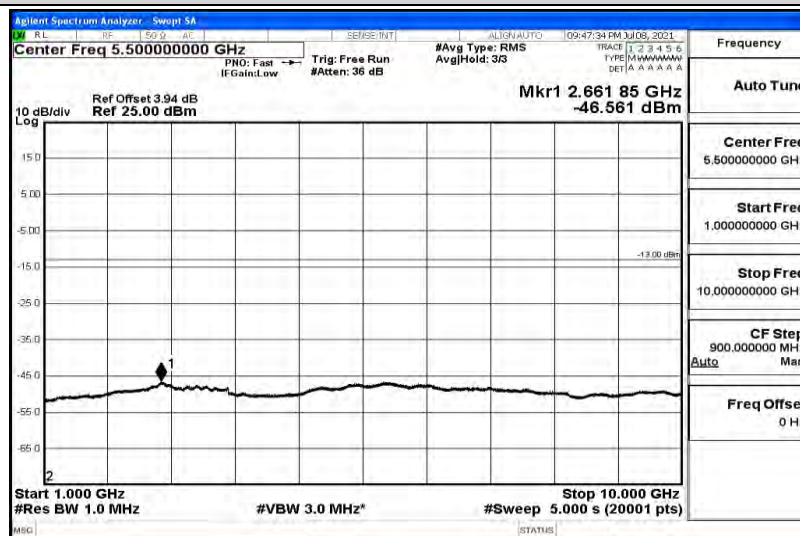
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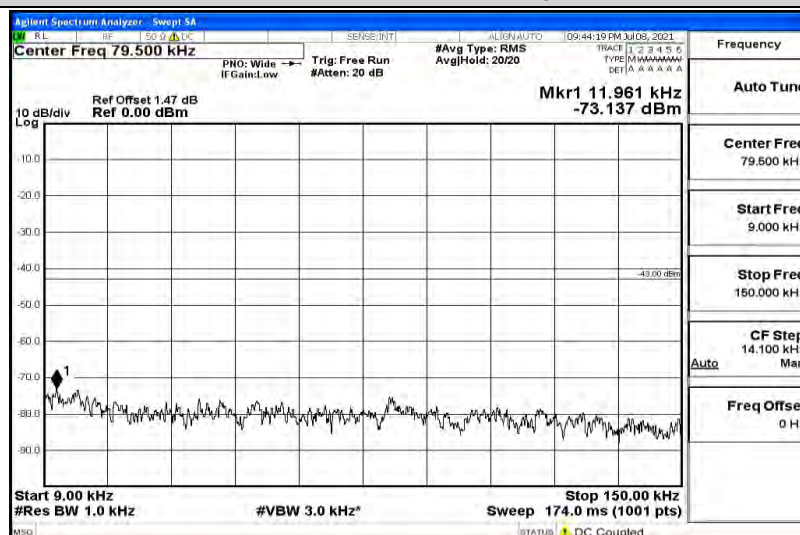
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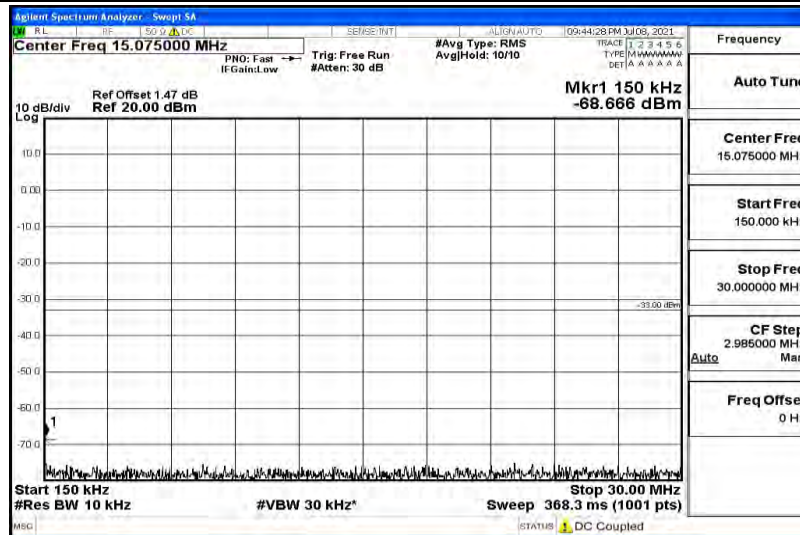
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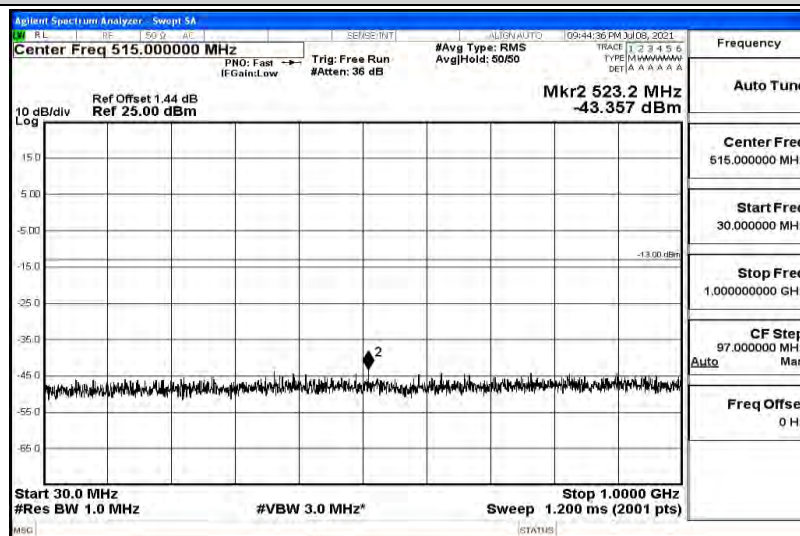
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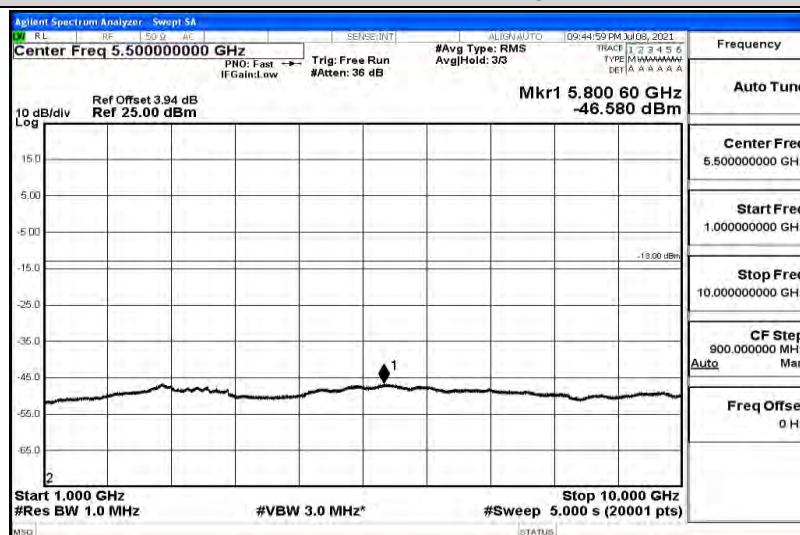
Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz



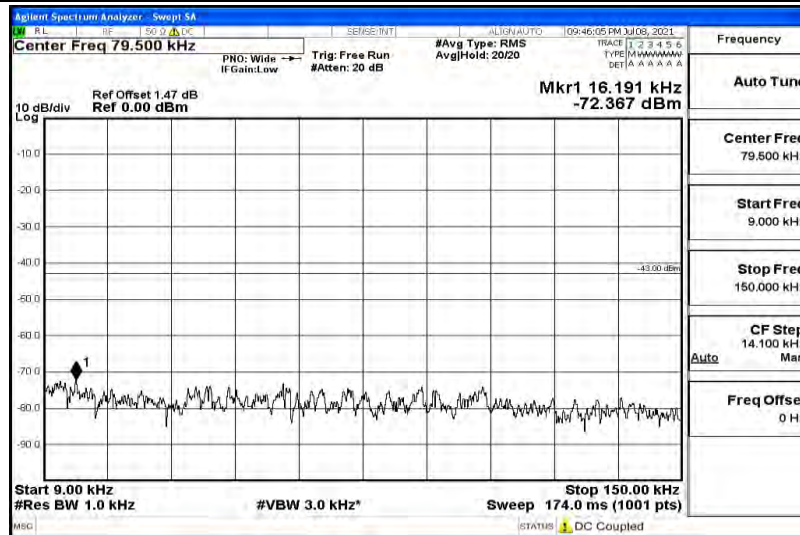
Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



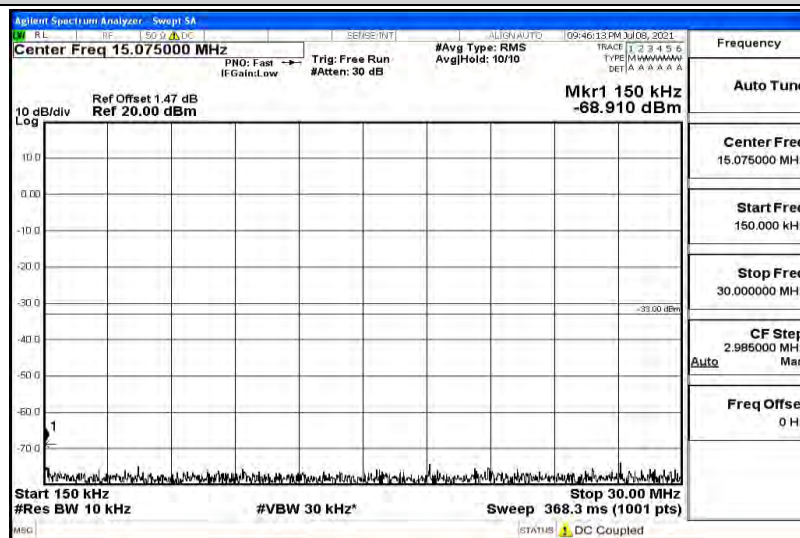
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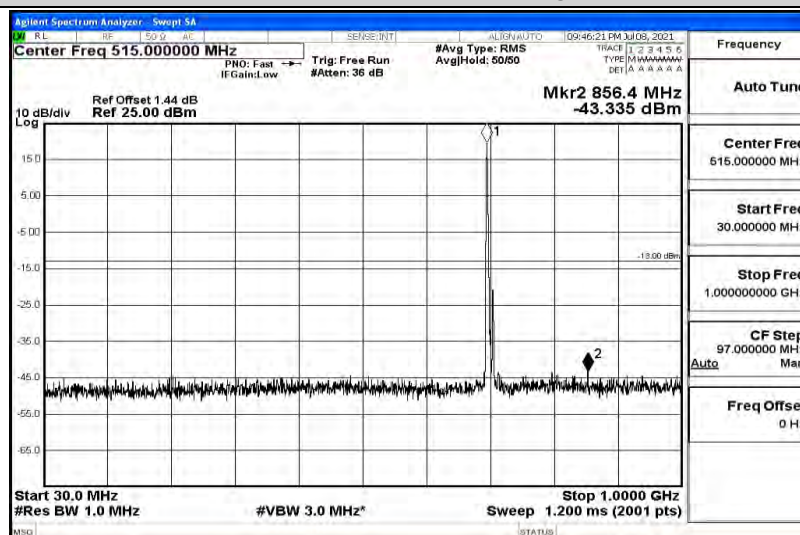
Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



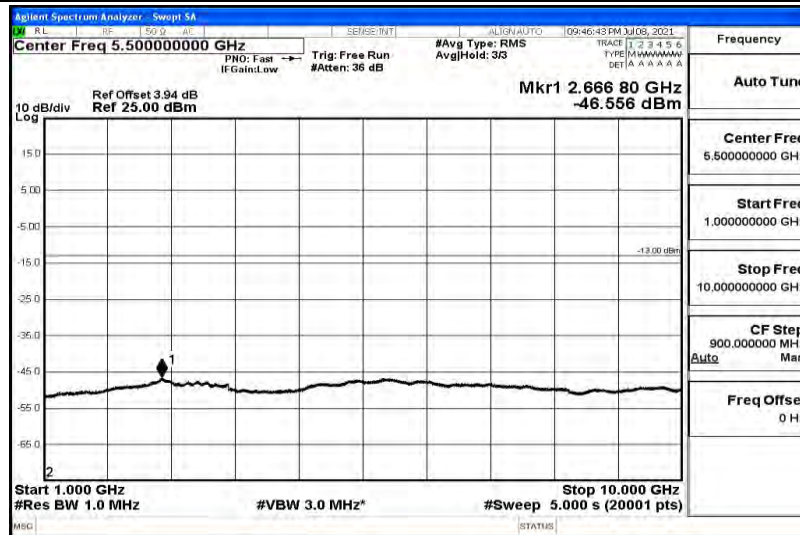
Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



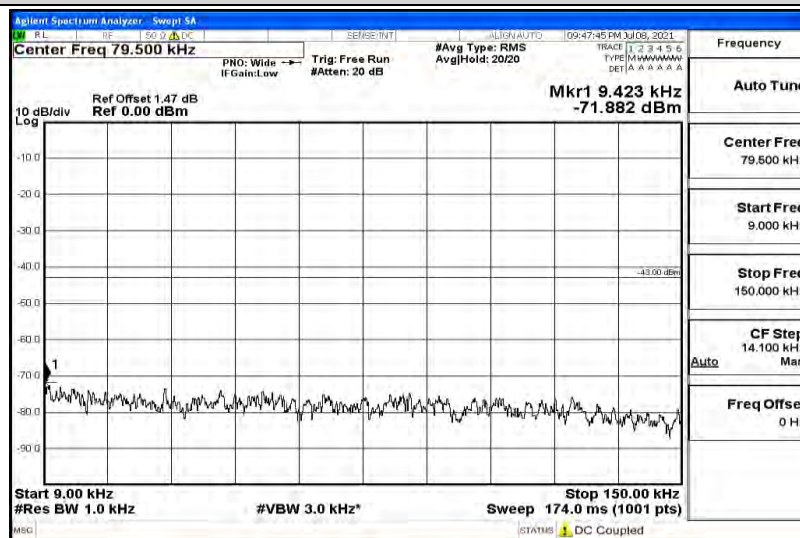
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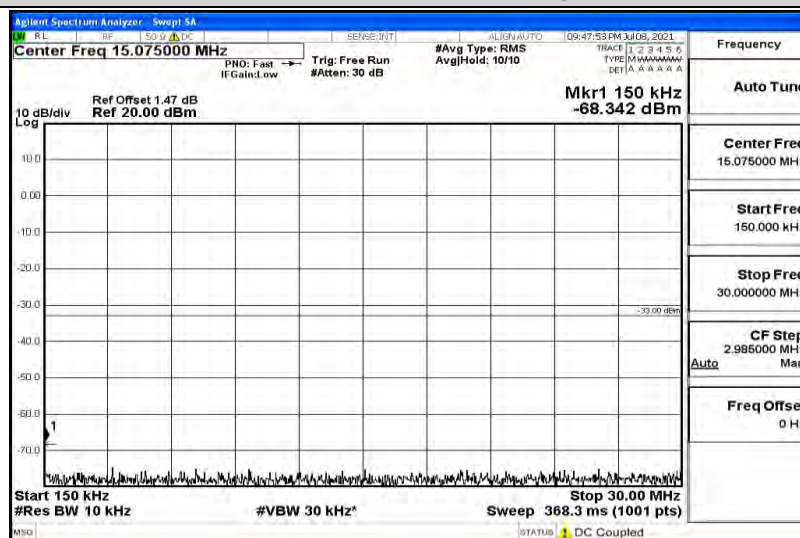
Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



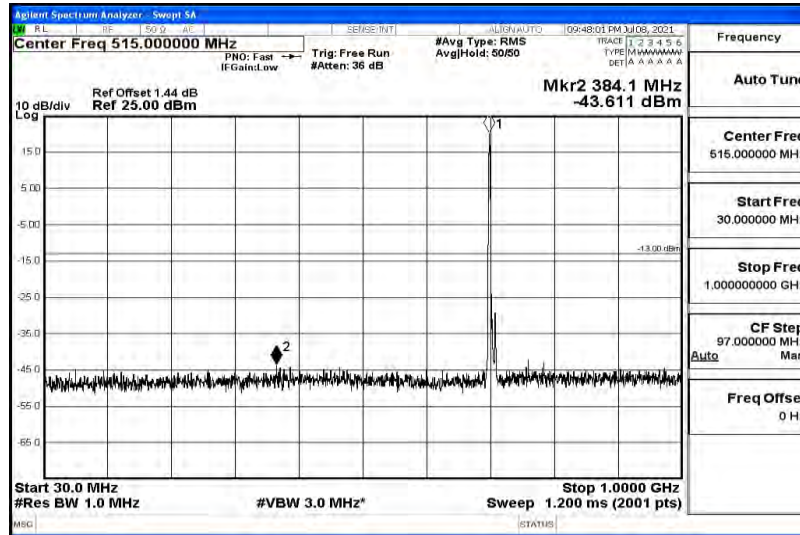
Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz

