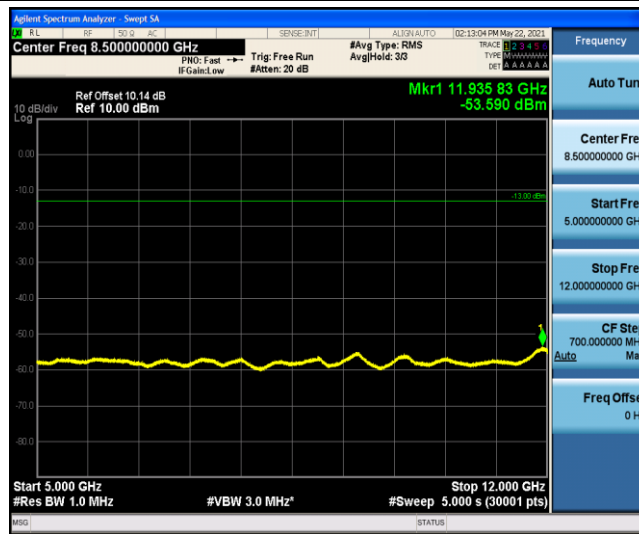
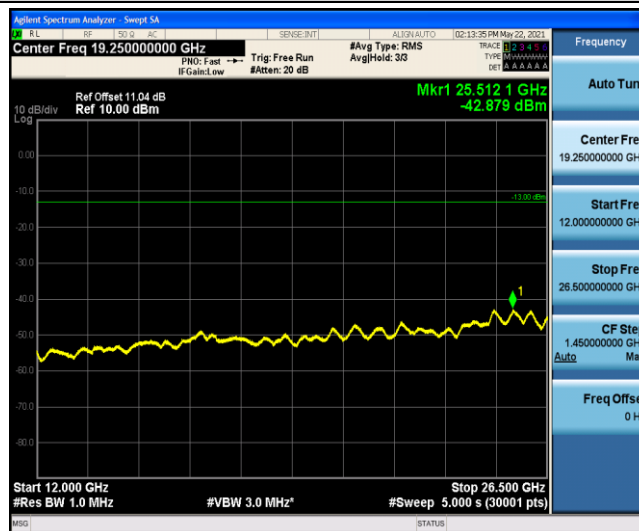
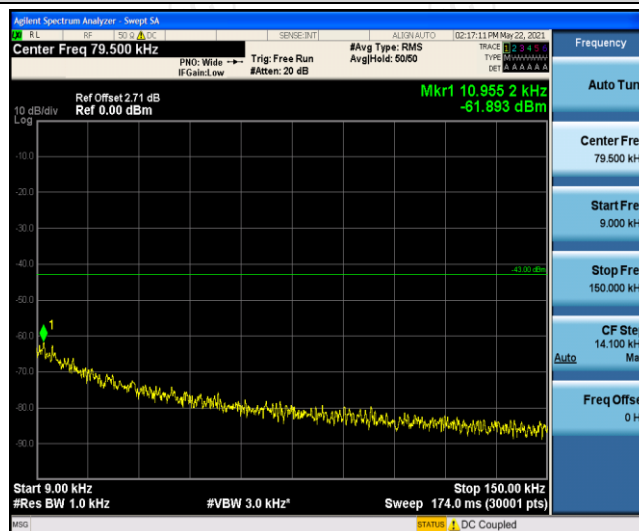




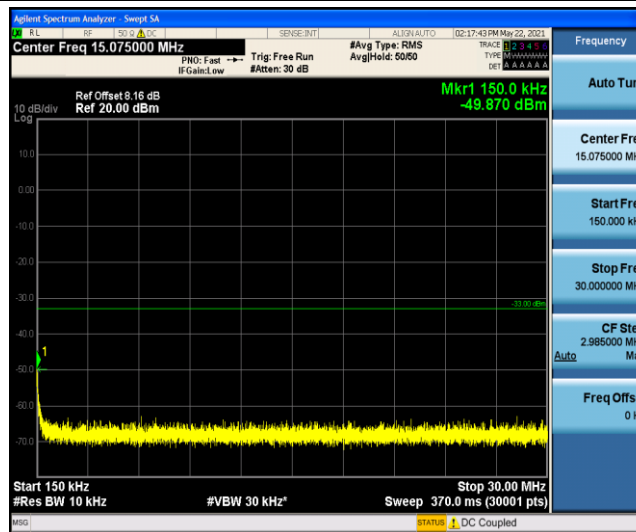
Band66-15MHz-16QAM-132322-1RB#0-Range6:12000~26500MHz



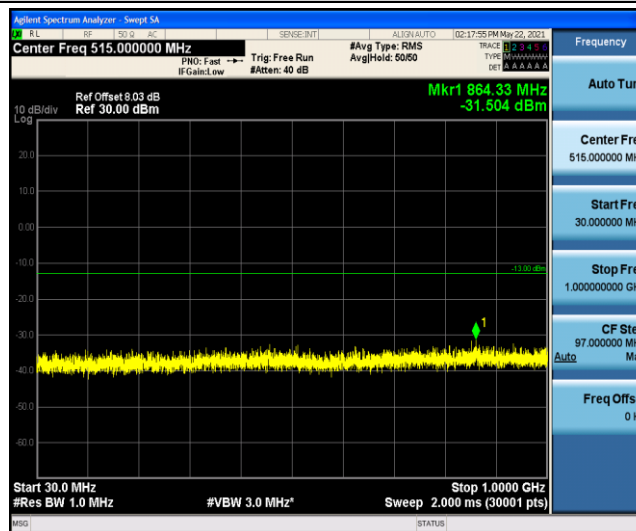
Band66-15MHz-16QAM-132597-1RB#0-Range1:0.009~0.15MHz



Band66-15MHz-16QAM-132597-1RB#0-Range2:0.15~30MHz



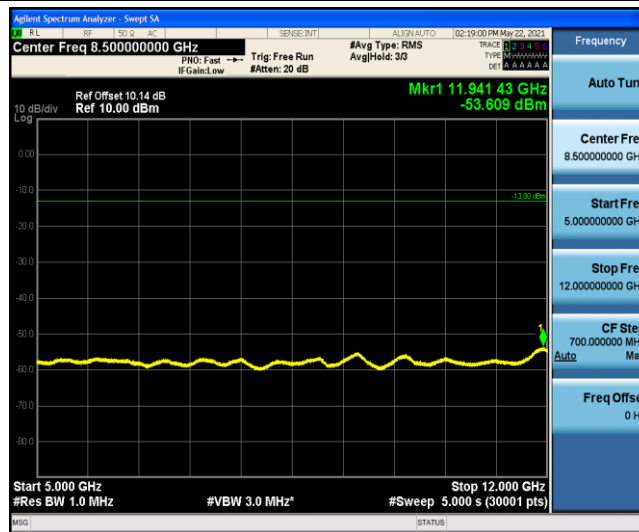
Band66-15MHz-16QAM-132597-1RB#0-Range3:30~1000MHz



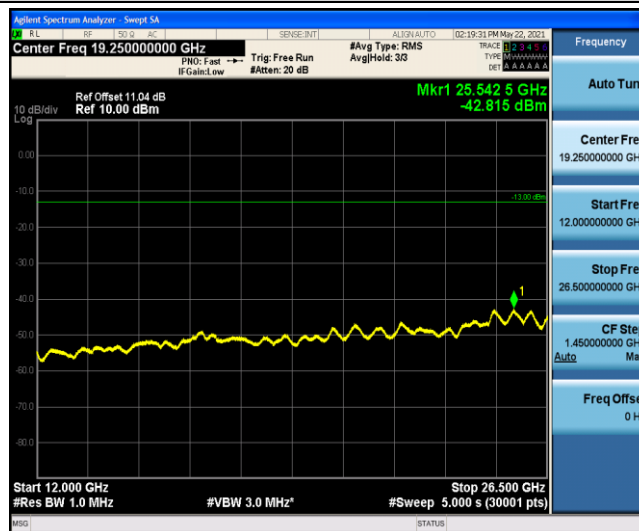
Band66-15MHz-16QAM-132597-1RB#0-Range4:1000~5000MHz



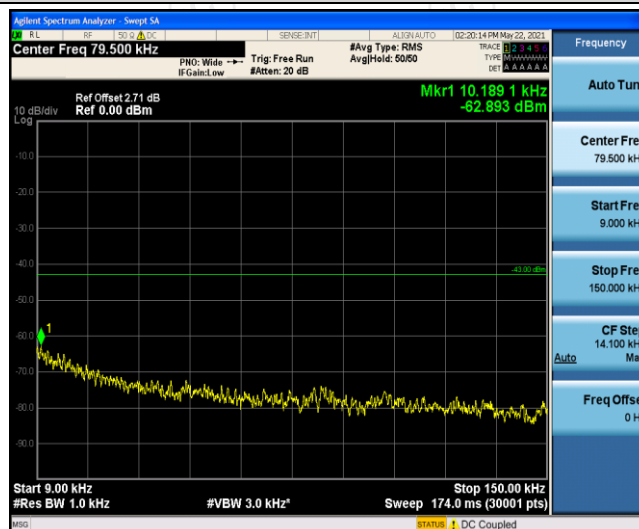
Band66-15MHz-16QAM-132597-1RB#0-Range5:5000~12000MHz



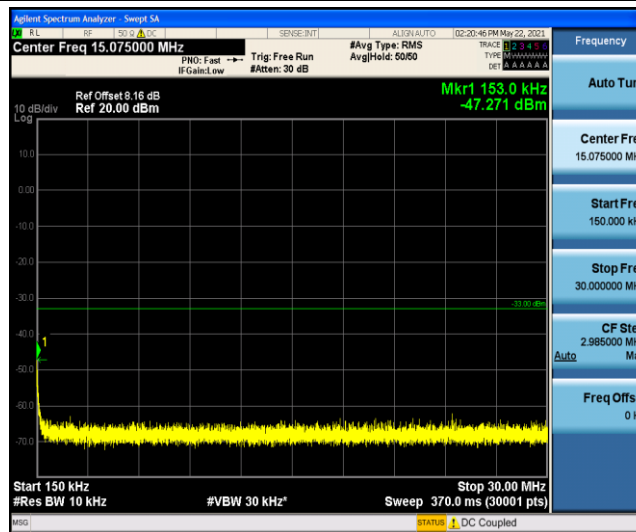
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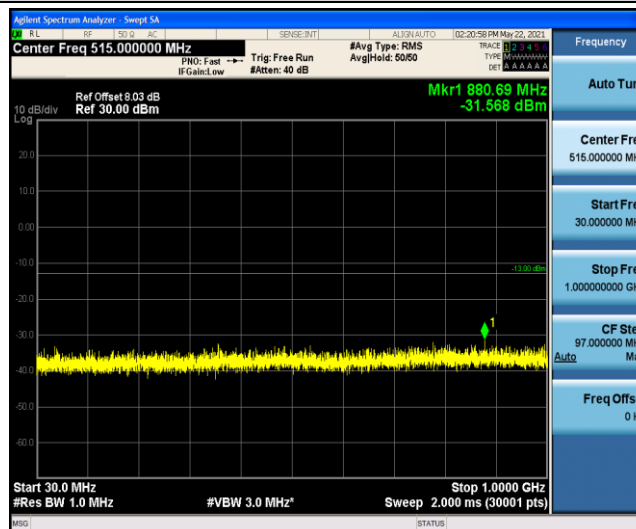
Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



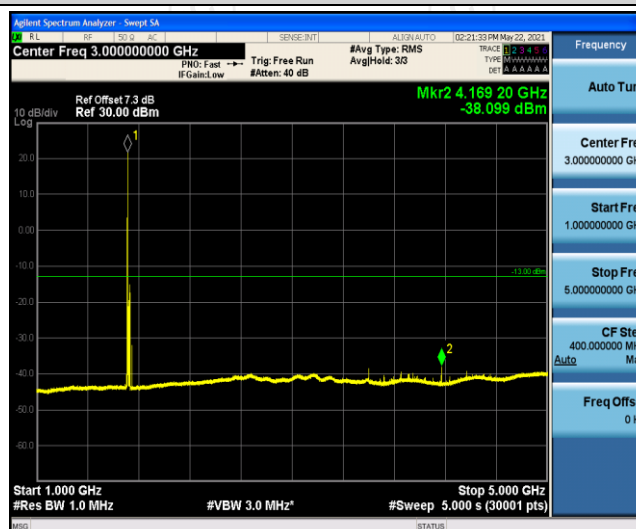
Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



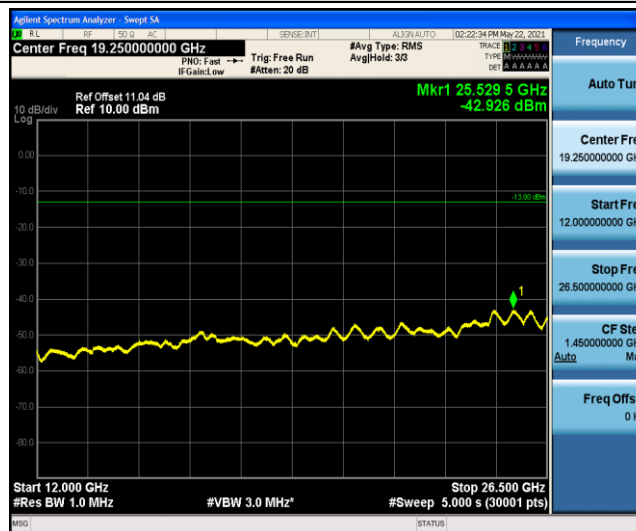
Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~5000MHz



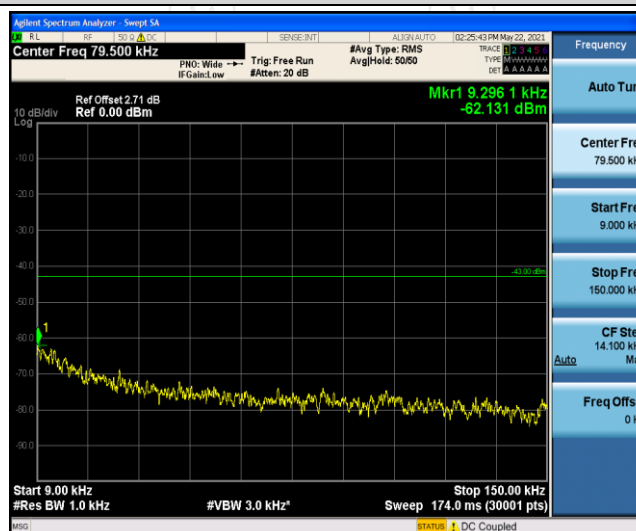
Band66-20MHz-QPSK-132072-1RB#0-Range5:5000~12000MHz



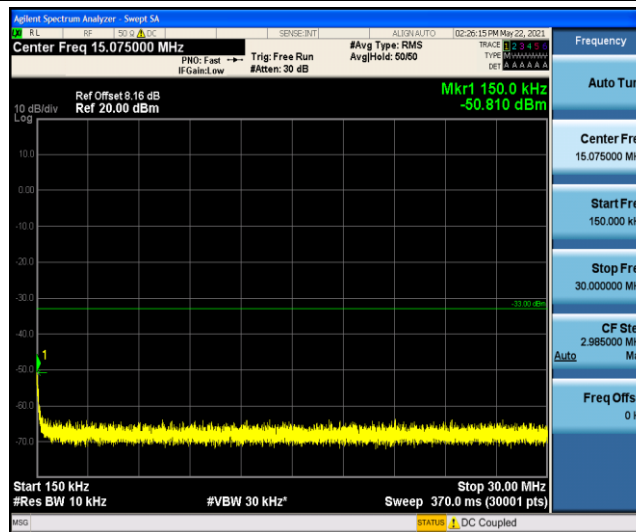
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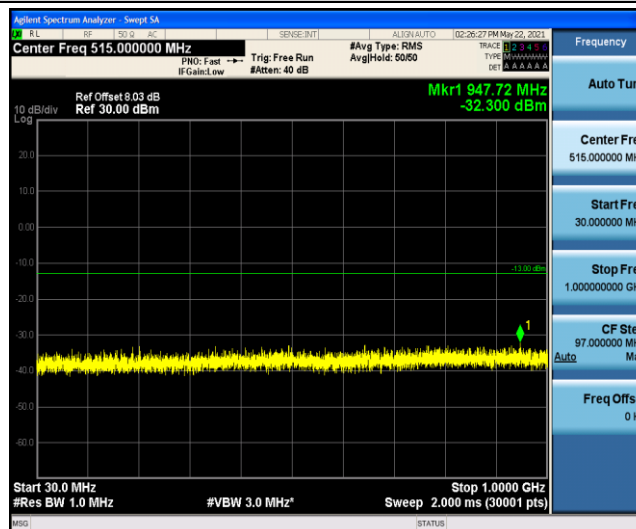
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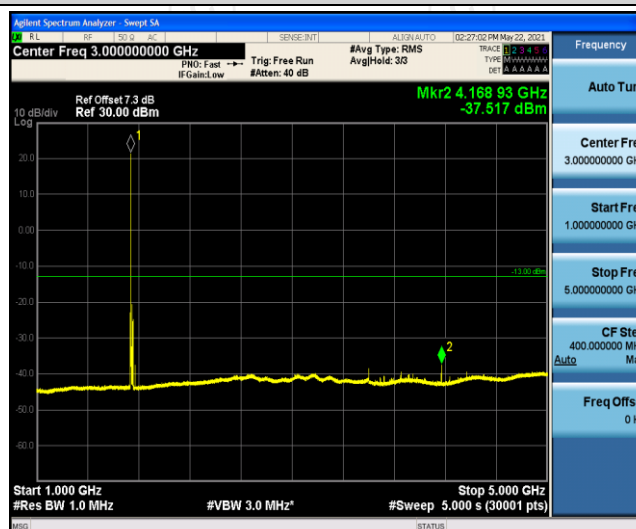
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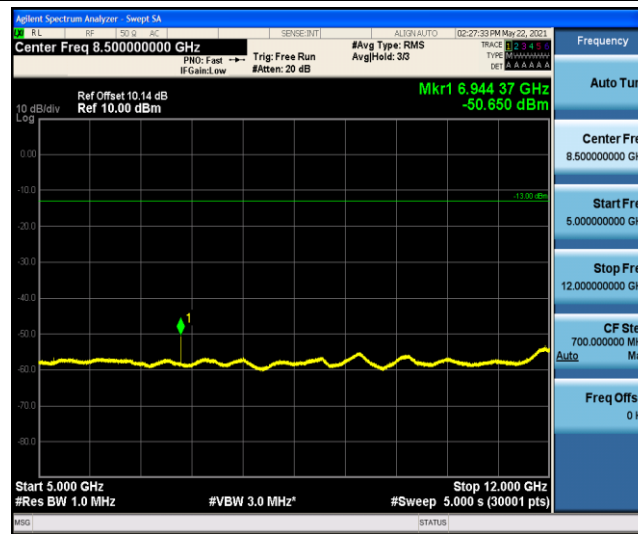
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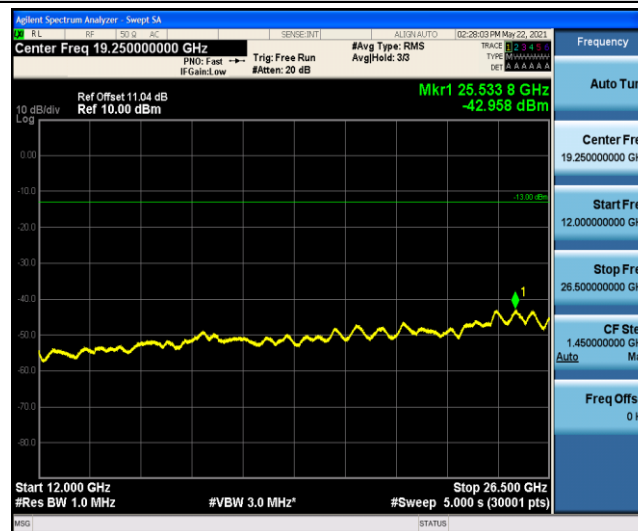
Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~5000MHz



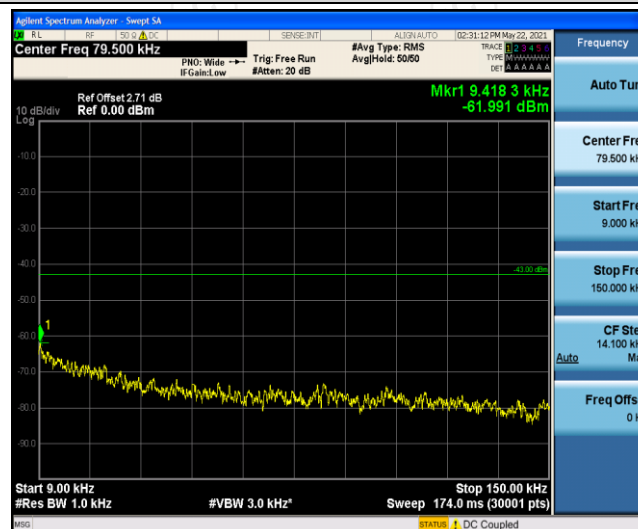
Band66-20MHz-QPSK-132322-1RB#0-Range5:5000~12000MHz



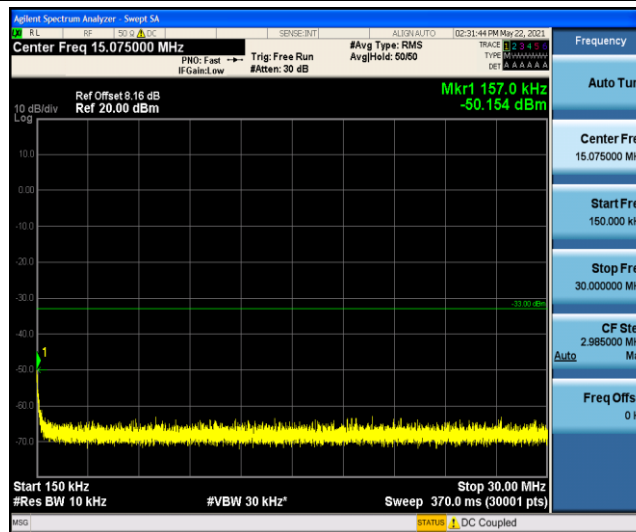
Band66-20MHz-QPSK-132322-1RB#0-Range6:12000~26500MHz



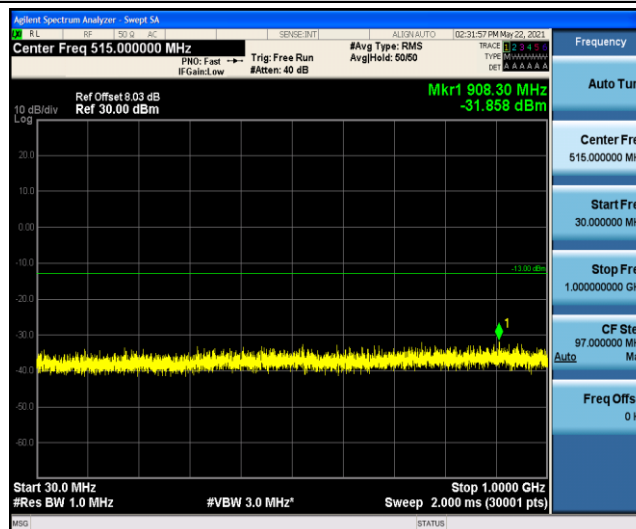
Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



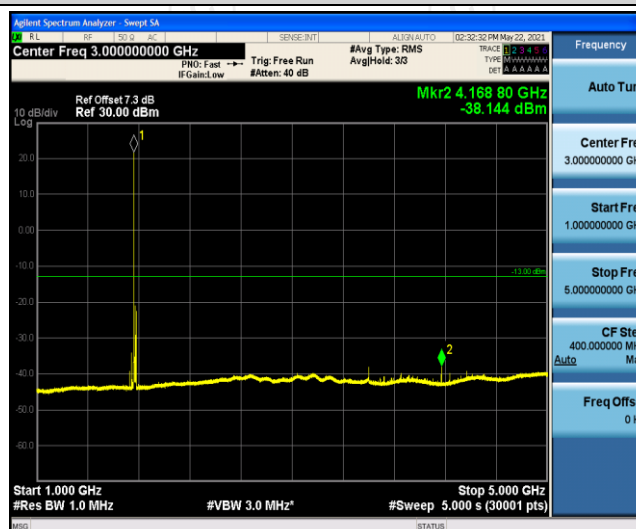
Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



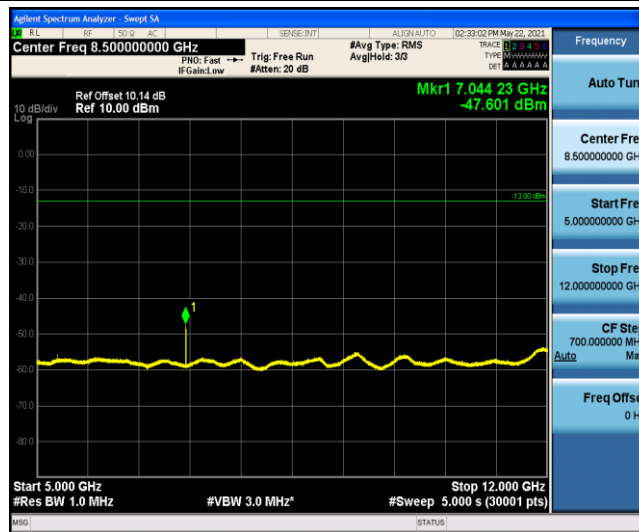
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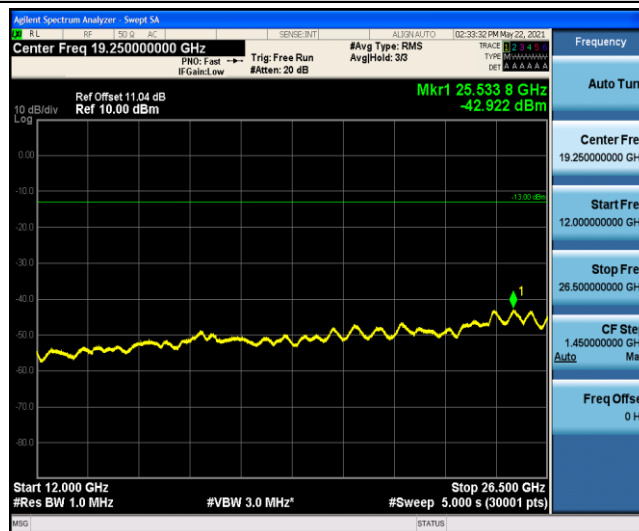
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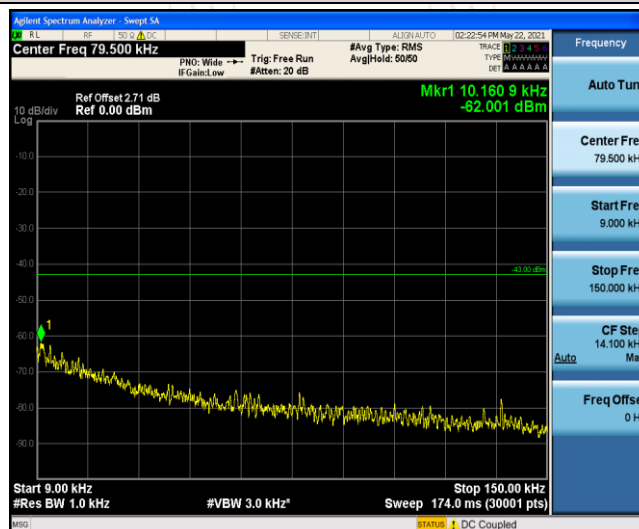
Band66-20MHz-QPSK-132572-1RB#0-Range5:5000~12000MHz



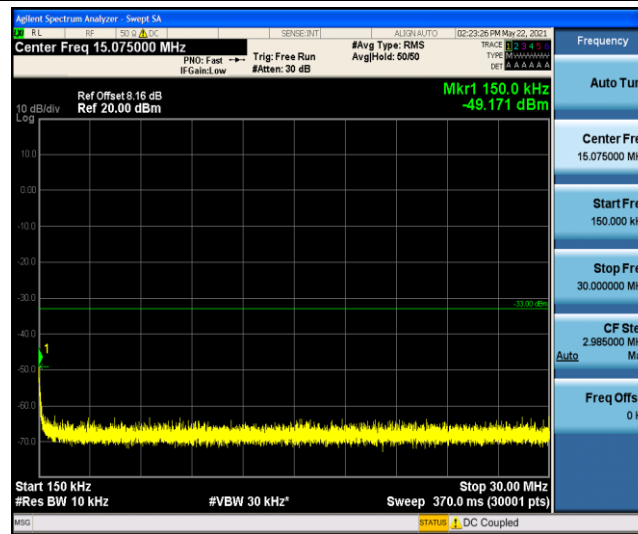
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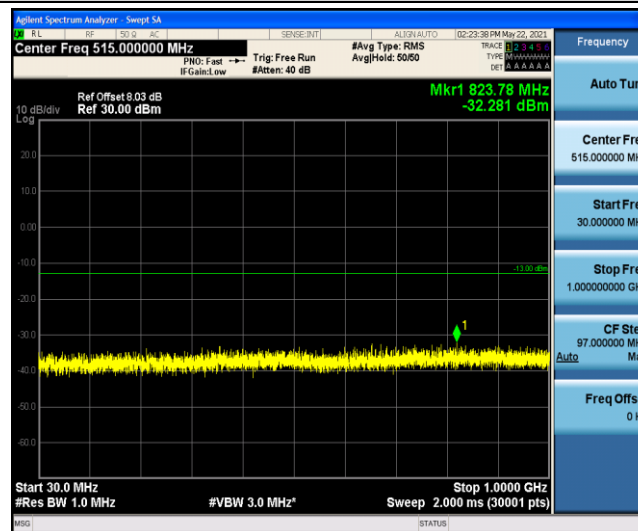
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Band66-20MHz-16QAM-132072-1RB#0-Range2:0.15~30MHz



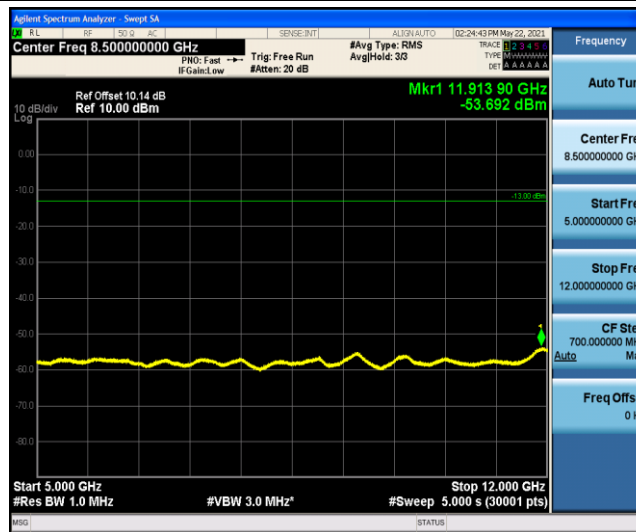
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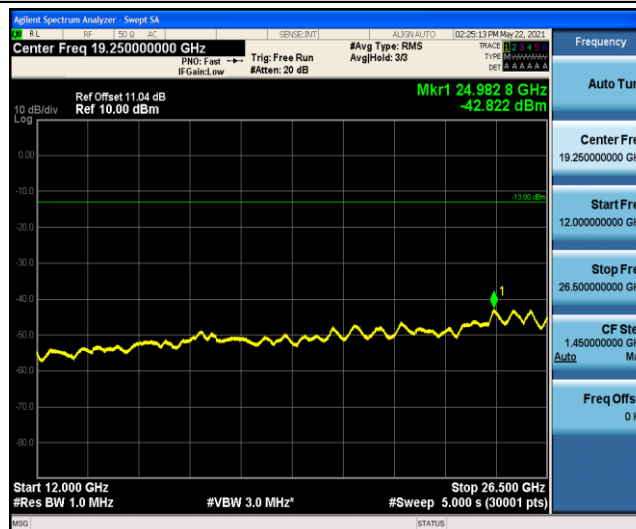
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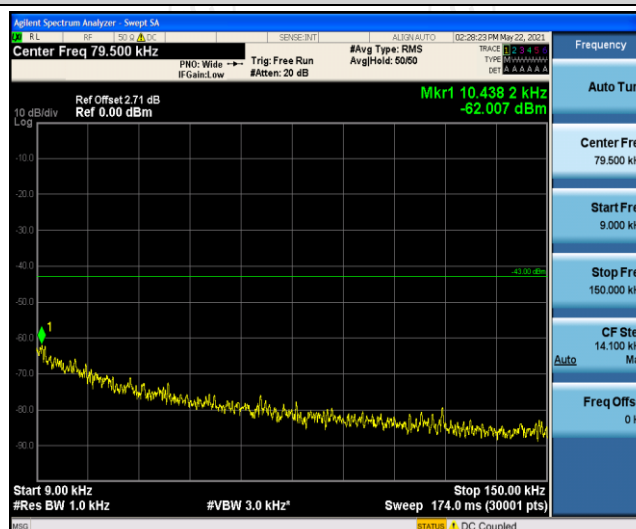
Band66-20MHz-16QAM-132072-1RB#0-Range5:5000~12000MHz



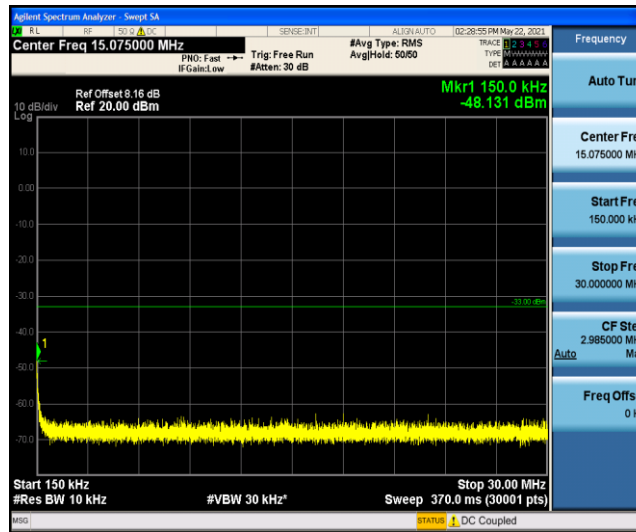
Band66-20MHz-16QAM-132072-1RB#0-Range6:12000~26500MHz



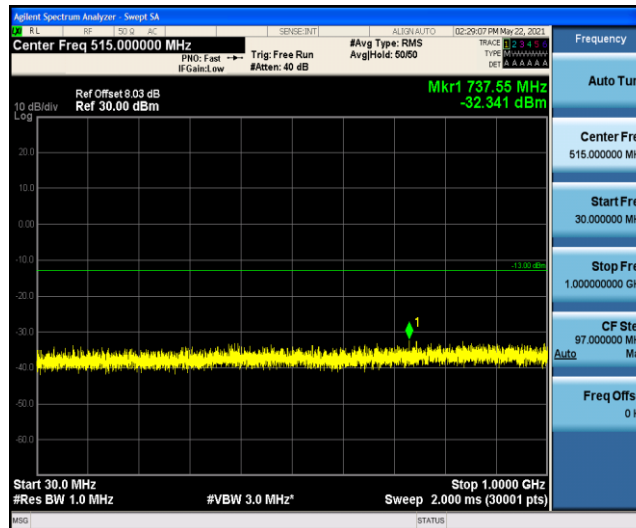
Band66-20MHz-16QAM-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-16QAM-132322-1RB#0-Range2:0.15~30MHz



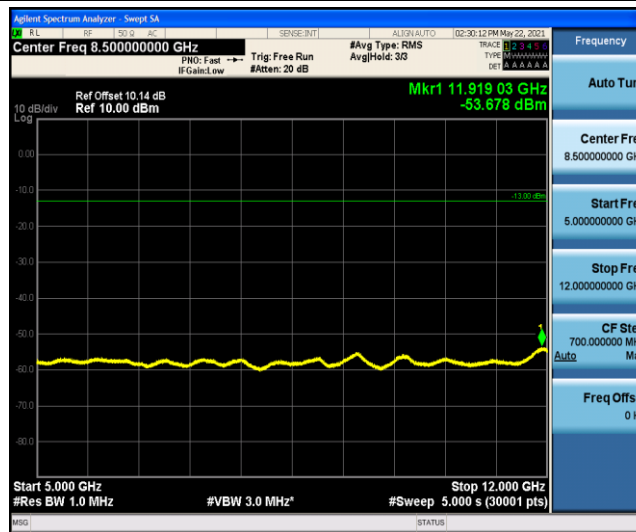
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Band66-20MHz-16QAM-132322-1RB#0-Range4:1000~5000MHz



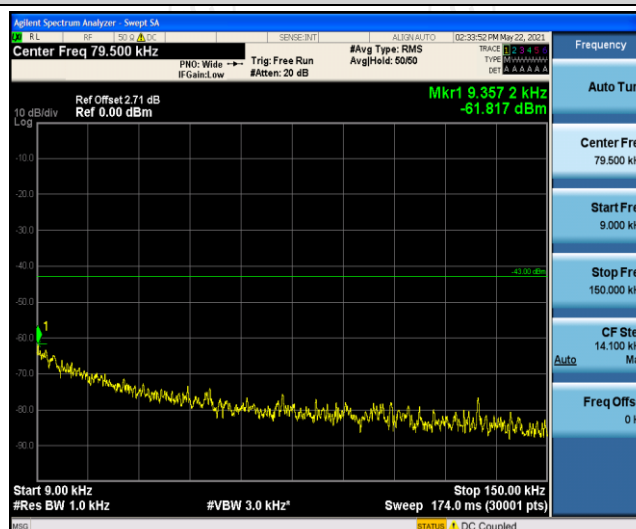
Band66-20MHz-16QAM-132322-1RB#0-Range5:5000~12000MHz



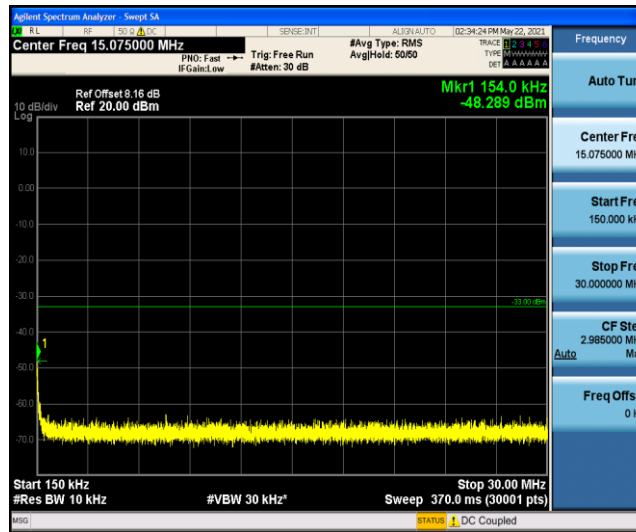
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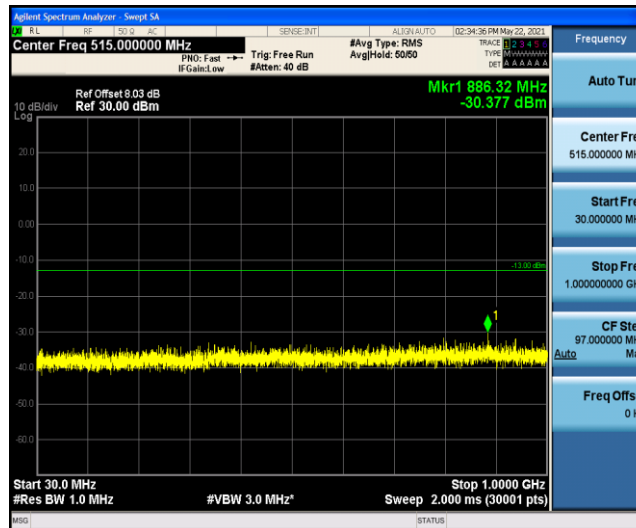
Band66-20MHz-16QAM-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-16QAM-132572-1RB#0-Range2:0.15~30MHz



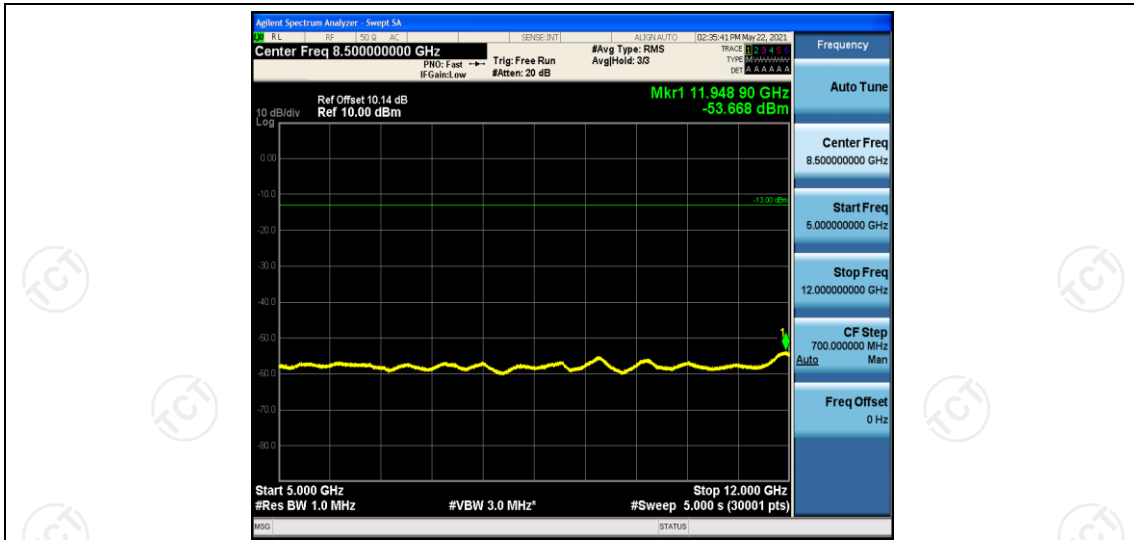
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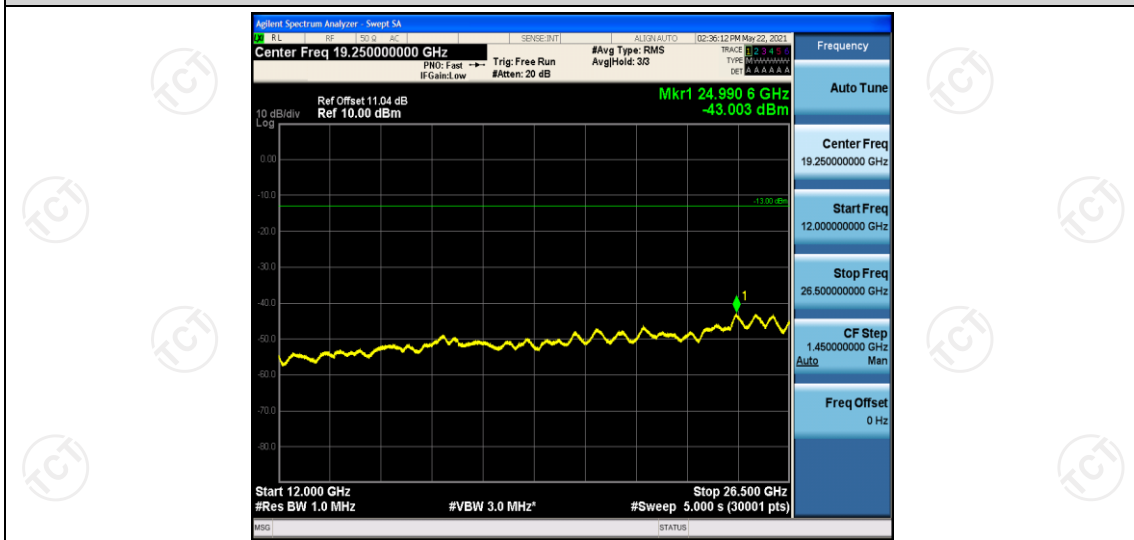
Band66-20MHz-16QAM-132572-1RB#0-Range4:1000~5000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range5:5000~12000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range6:12000~26500MHz



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.60	-0.000936	± 2.5	PASS
		VN	TN	0.63	0.000368	± 2.5	PASS
		VH	TN	-3.53	-0.002025	± 2.5	PASS
	MCH	VL	TN	-4.48	-0.002566	± 2.5	PASS
		VN	TN	0.10	0.000058	± 2.5	PASS
		VH	TN	0.29	0.000167	± 2.5	PASS
	HCH	VL	TN	-1.13	-0.000660	± 2.5	PASS
		VN	TN	-2.22	-0.001246	± 2.5	PASS
		VH	TN	1.86	0.001086	± 2.5	PASS
16QAM	LCH	VL	TN	1.00	0.000563	± 2.5	PASS
		VN	TN	-0.90	-0.000507	± 2.5	PASS
		VH	TN	0.16	0.000089	± 2.5	PASS
	MCH	VL	TN	0.04	0.000024	± 2.5	PASS
		VN	TN	-2.56	-0.001467	± 2.5	PASS
		VH	TN	0.43	0.000251	± 2.5	PASS
	HCH	VL	TN	-0.11	-0.000067	± 2.5	PASS
		VN	TN	0.24	0.000142	± 2.5	PASS
		VH	TN	0.17	0.000100	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.86	-0.001640	± 2.5	PASS
		VN	-20	-0.36	-0.000209	± 2.5	PASS
		VN	-10	-1.03	-0.000602	± 2.5	PASS
		VN	0	0.00	0.000000	± 2.5	PASS
		VN	10	0.83	0.000485	± 2.5	PASS
		VN	20	0.20	0.000117	± 2.5	PASS
		VN	30	0.51	0.000301	± 2.5	PASS
		VN	40	0.56	0.000326	± 2.5	PASS
		VN	50	0.14	0.000084	± 2.5	PASS
	MCH	VN	-30	-0.57	-0.000334	± 2.5	PASS
		VN	-20	-3.75	-0.002148	± 2.5	PASS
		VN	-10	-2.83	-0.001623	± 2.5	PASS
		VN	0	-1.43	-0.000820	± 2.5	PASS
		VN	10	-4.22	-0.002418	± 2.5	PASS
		VN	20	-3.05	-0.001746	± 2.5	PASS

	HCH	VN	30	-3.39	-0.001943	± 2.5	PASS
		VN	40	-4.03	-0.002312	± 2.5	PASS
		VN	50	-4.56	-0.002615	± 2.5	PASS
		VN	-30	-0.41	-0.000233	± 2.5	PASS
		VN	-20	-1.97	-0.001131	± 2.5	PASS
		VN	-10	-2.62	-0.001500	± 2.5	PASS
		VN	0	-3.65	-0.002090	± 2.5	PASS
		VN	10	-3.22	-0.001844	± 2.5	PASS
		VN	20	-0.30	-0.000169	± 2.5	PASS
		VN	30	0.36	0.000201	± 2.5	PASS
		VN	40	-1.27	-0.000716	± 2.5	PASS
		VN	50	0.37	0.000209	± 2.5	PASS
16QAM	LCH	VN	-30	0.84	0.000475	± 2.5	PASS
		VN	-20	-0.86	-0.000501	± 2.5	PASS
		VN	-10	-0.76	-0.000443	± 2.5	PASS
		VN	0	0.36	0.000209	± 2.5	PASS
		VN	10	-0.84	-0.000493	± 2.5	PASS
		VN	20	0.56	0.000326	± 2.5	PASS
		VN	30	0.76	0.000443	± 2.5	PASS
		VN	40	1.49	0.000870	± 2.5	PASS
		VN	50	2.66	0.001555	± 2.5	PASS
	MCH	VN	-30	-1.44	-0.000828	± 2.5	PASS
		VN	-20	0.49	0.000273	± 2.5	PASS
		VN	-10	0.17	0.000097	± 2.5	PASS
		VN	0	0.19	0.000105	± 2.5	PASS
		VN	10	0.20	0.000113	± 2.5	PASS
		VN	20	-1.67	-0.000959	± 2.5	PASS
		VN	30	-3.28	-0.001877	± 2.5	PASS
		VN	40	-3.76	-0.002156	± 2.5	PASS
		VN	50	-3.43	-0.001967	± 2.5	PASS
	HCH	VN	-30	3.19	0.001794	± 2.5	PASS
		VN	-20	2.15	0.001207	± 2.5	PASS
		VN	-10	2.16	0.001215	± 2.5	PASS
		VN	0	1.82	0.001022	± 2.5	PASS
		VN	10	-1.79	-0.001025	± 2.5	PASS
		VN	20	-0.84	-0.000474	± 2.5	PASS
		VN	30	-0.97	-0.000547	± 2.5	PASS
		VN	40	-0.66	-0.000370	± 2.5	PASS
		VN	50	-0.37	-0.000209	± 2.5	PASS