



BUREAU
VERITAS

Test Report No.: W7L-240204W001RF03





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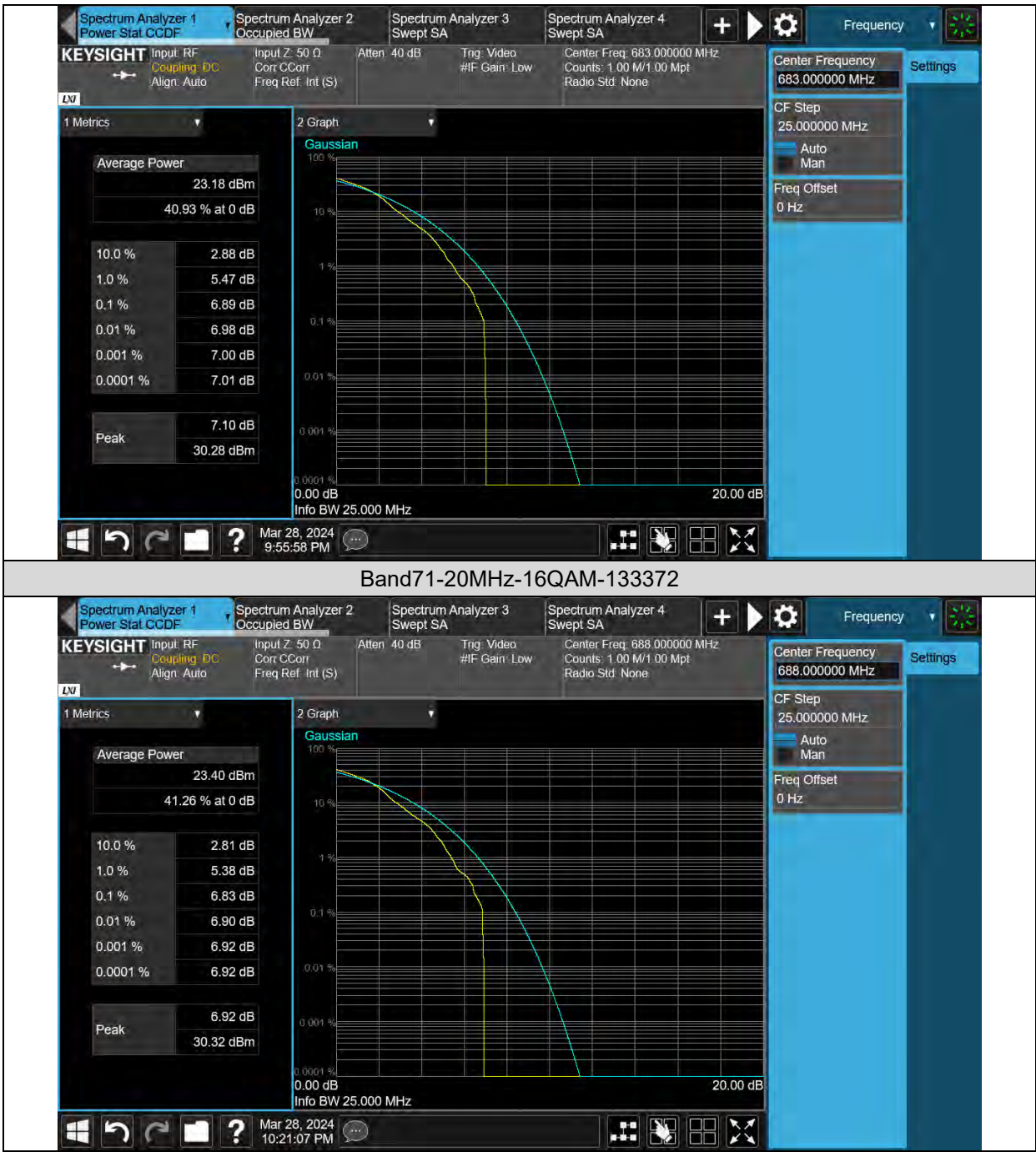
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	6RB#0	1.0822	1.246	PASS
Band71	5MHz	QPSK	133247	6RB#0	1.0823	1.274	PASS
Band71	5MHz	QPSK	133447	6RB#0	1.0809	1.265	PASS
Band71	5MHz	16QAM	133147	6RB#0	1.0770	1.264	PASS
Band71	5MHz	16QAM	133247	6RB#0	1.0820	1.264	PASS
Band71	5MHz	16QAM	133447	6RB#0	1.0737	1.284	PASS
Band71	10MHz	QPSK	133172	6RB#0	1.0798	1.255	PASS
Band71	10MHz	QPSK	133272	6RB#0	1.0763	1.235	PASS
Band71	10MHz	QPSK	133422	6RB#0	1.0742	1.265	PASS
Band71	10MHz	16QAM	133172	6RB#0	1.0735	1.287	PASS
Band71	10MHz	16QAM	133272	6RB#0	1.0788	1.294	PASS
Band71	10MHz	16QAM	133422	6RB#0	1.0770	1.292	PASS
Band71	15MHz	QPSK	133197	6RB#0	1.0935	1.259	PASS
Band71	15MHz	QPSK	133297	6RB#0	1.0827	1.232	PASS
Band71	15MHz	QPSK	133397	6RB#0	1.0756	1.255	PASS
Band71	15MHz	16QAM	133197	6RB#0	1.0729	1.258	PASS
Band71	15MHz	16QAM	133297	6RB#0	1.0789	1.281	PASS
Band71	15MHz	16QAM	133397	6RB#0	1.0918	1.249	PASS
Band71	20MHz	QPSK	133222	6RB#0	1.0925	1.260	PASS
Band71	20MHz	QPSK	133322	6RB#0	1.0709	1.264	PASS
Band71	20MHz	QPSK	133372	6RB#0	1.0791	1.256	PASS
Band71	20MHz	16QAM	133222	6RB#0	1.0756	1.251	PASS
Band71	20MHz	16QAM	133322	6RB#0	1.0776	1.253	PASS
Band71	20MHz	16QAM	133372	6RB#0	1.0793	1.287	PASS

Test Graphs

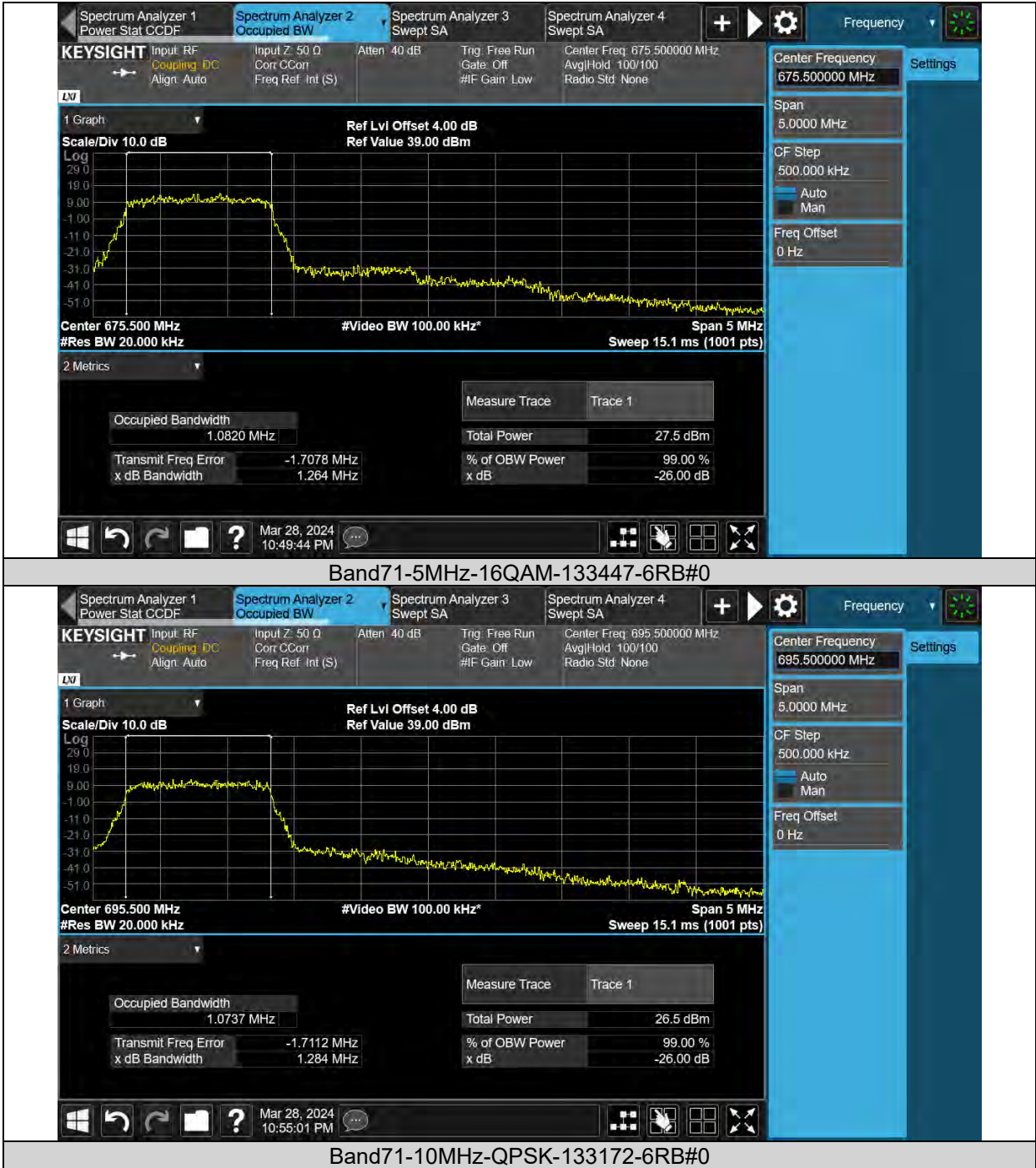


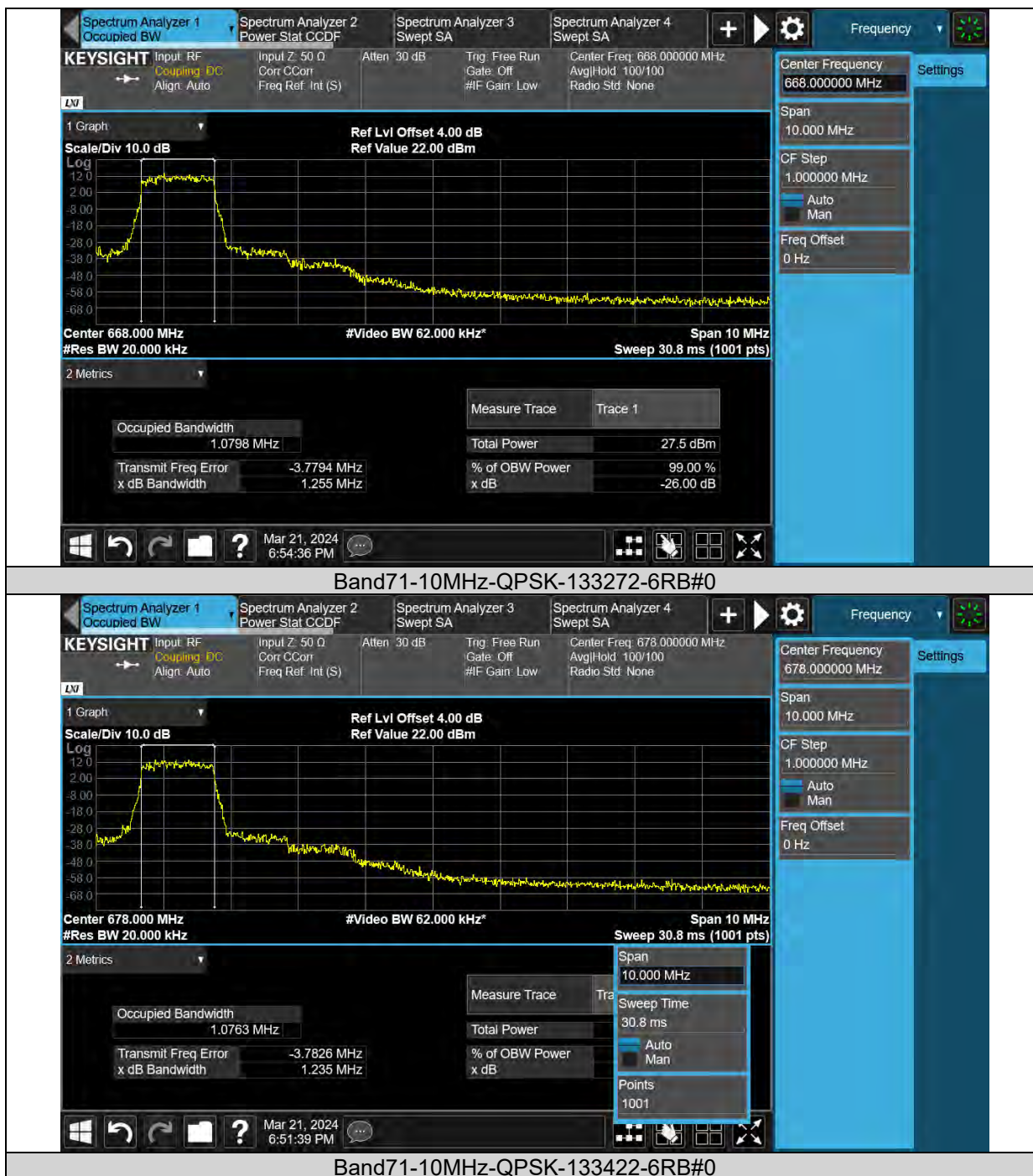




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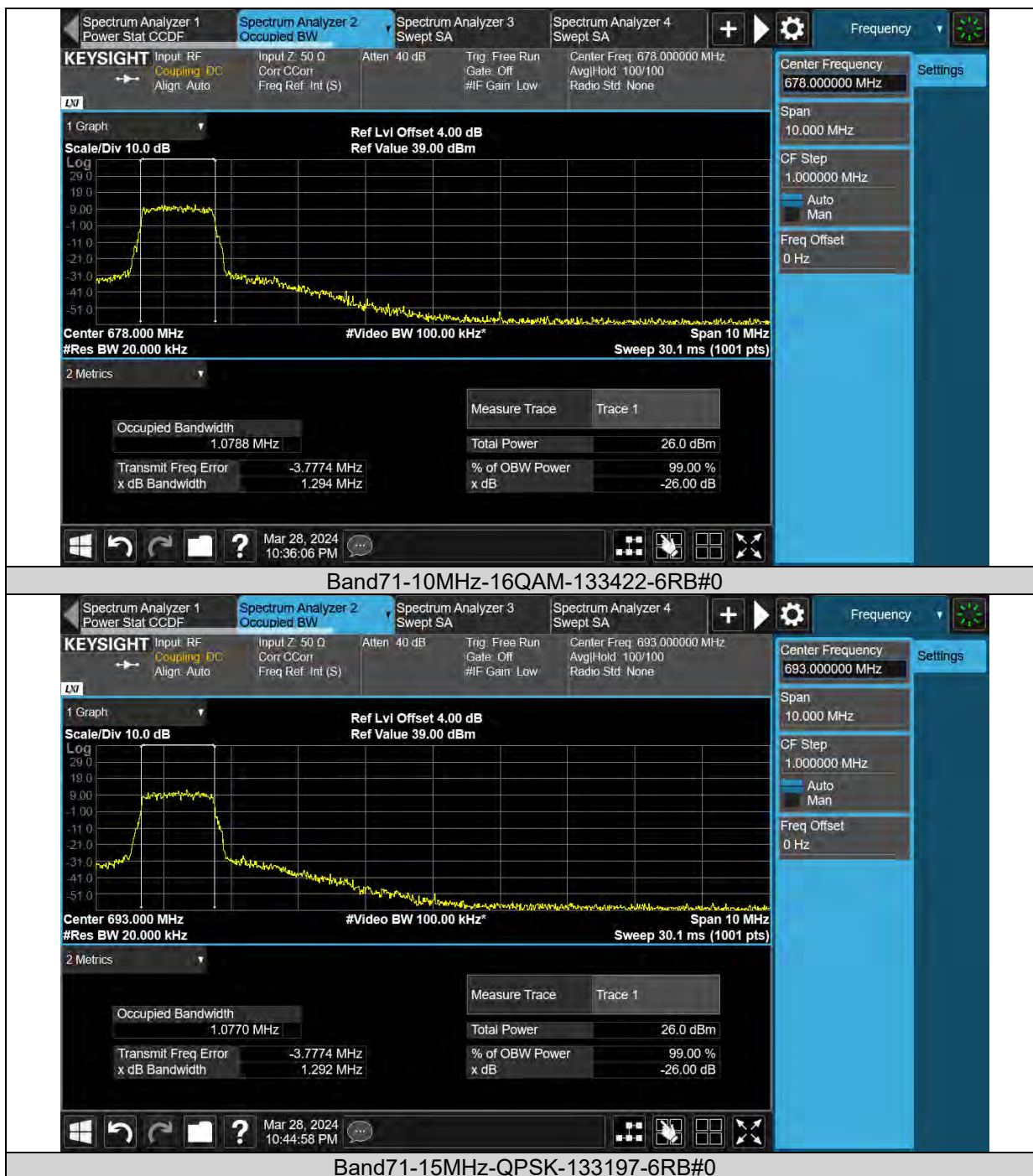




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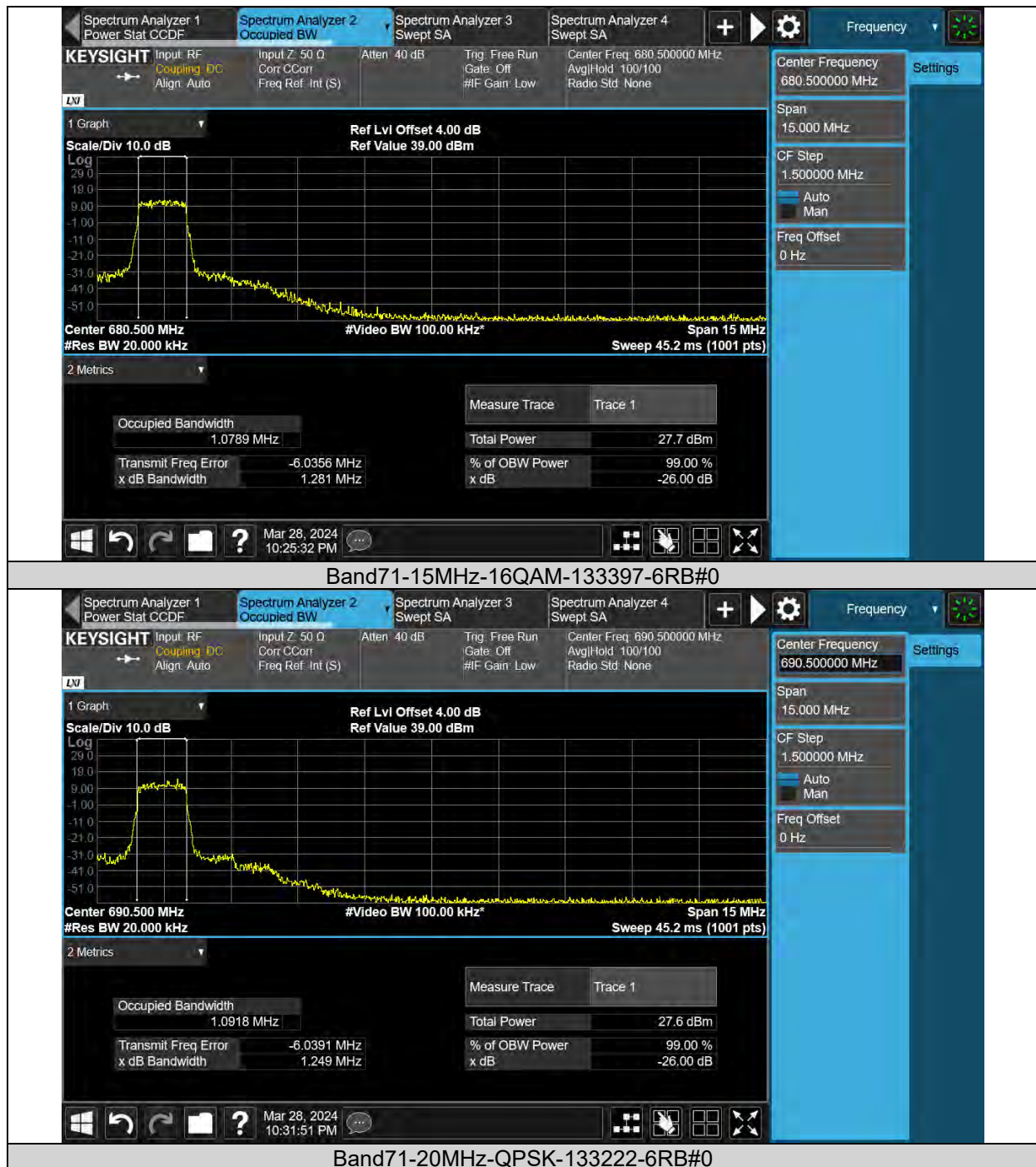




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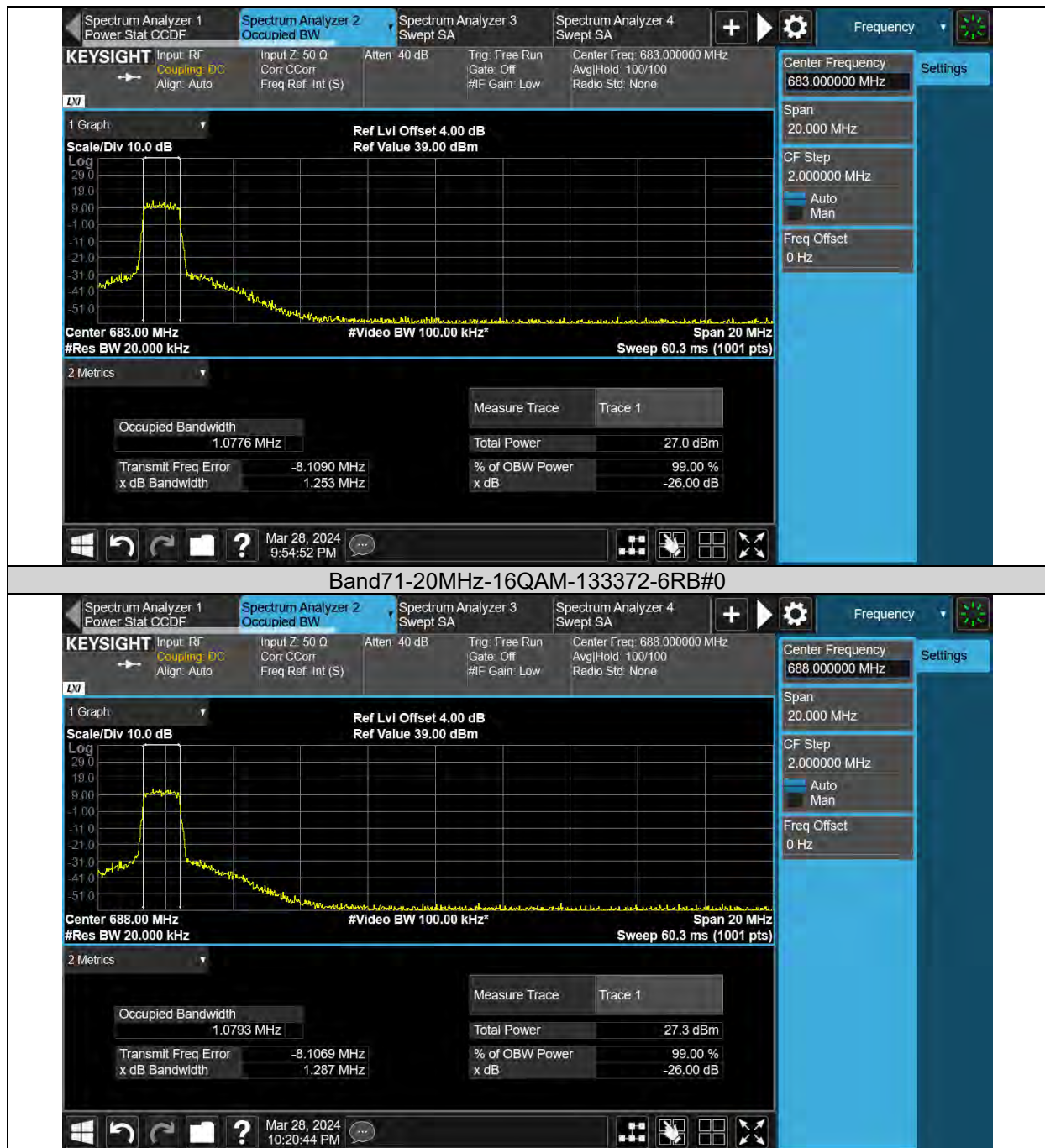
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BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	See Graph	PASS
Band71	5MHz	QPSK	133147	6RB#0	See Graph	PASS
Band71	5MHz	QPSK	133447	1RB#5	See Graph	PASS
Band71	5MHz	QPSK	133447	6RB#0	See Graph	PASS
Band71	5MHz	16QAM	133147	1RB#0	See Graph	PASS
Band71	5MHz	16QAM	133147	6RB#0	See Graph	PASS
Band71	5MHz	16QAM	133447	1RB#5	See Graph	PASS
Band71	5MHz	16QAM	133447	6RB#0	See Graph	PASS
Band71	10MHz	QPSK	133172	1RB#0	See Graph	PASS
Band71	10MHz	QPSK	133172	6RB#0	See Graph	PASS
Band71	10MHz	QPSK	133422	1RB#5	See Graph	PASS
Band71	10MHz	QPSK	133422	6RB#0	See Graph	PASS
Band71	10MHz	16QAM	133172	1RB#0	See Graph	PASS
Band71	10MHz	16QAM	133172	6RB#0	See Graph	PASS
Band71	10MHz	16QAM	133422	1RB#5	See Graph	PASS
Band71	10MHz	16QAM	133422	6RB#0	See Graph	PASS
Band71	15MHz	QPSK	133197	1RB#0	See Graph	PASS
Band71	15MHz	QPSK	133197	6RB#0	See Graph	PASS
Band71	15MHz	QPSK	133397	1RB#5	See Graph	PASS
Band71	15MHz	QPSK	133397	6RB#0	See Graph	PASS
Band71	15MHz	16QAM	133197	1RB#0	See Graph	PASS
Band71	15MHz	16QAM	133197	6RB#0	See Graph	PASS
Band71	15MHz	16QAM	133397	1RB#5	See Graph	PASS
Band71	15MHz	16QAM	133397	6RB#0	See Graph	PASS
Band71	20MHz	QPSK	133222	1RB#0	See Graph	PASS
Band71	20MHz	QPSK	133222	6RB#0	See Graph	PASS
Band71	20MHz	QPSK	133372	1RB#5	See Graph	PASS
Band71	20MHz	QPSK	133372	6RB#0	See Graph	PASS
Band71	20MHz	16QAM	133222	1RB#0	See Graph	PASS
Band71	20MHz	16QAM	133222	6RB#0	See Graph	PASS
Band71	20MHz	16QAM	133372	1RB#5	See Graph	PASS
Band71	20MHz	16QAM	133372	6RB#0	See Graph	PASS

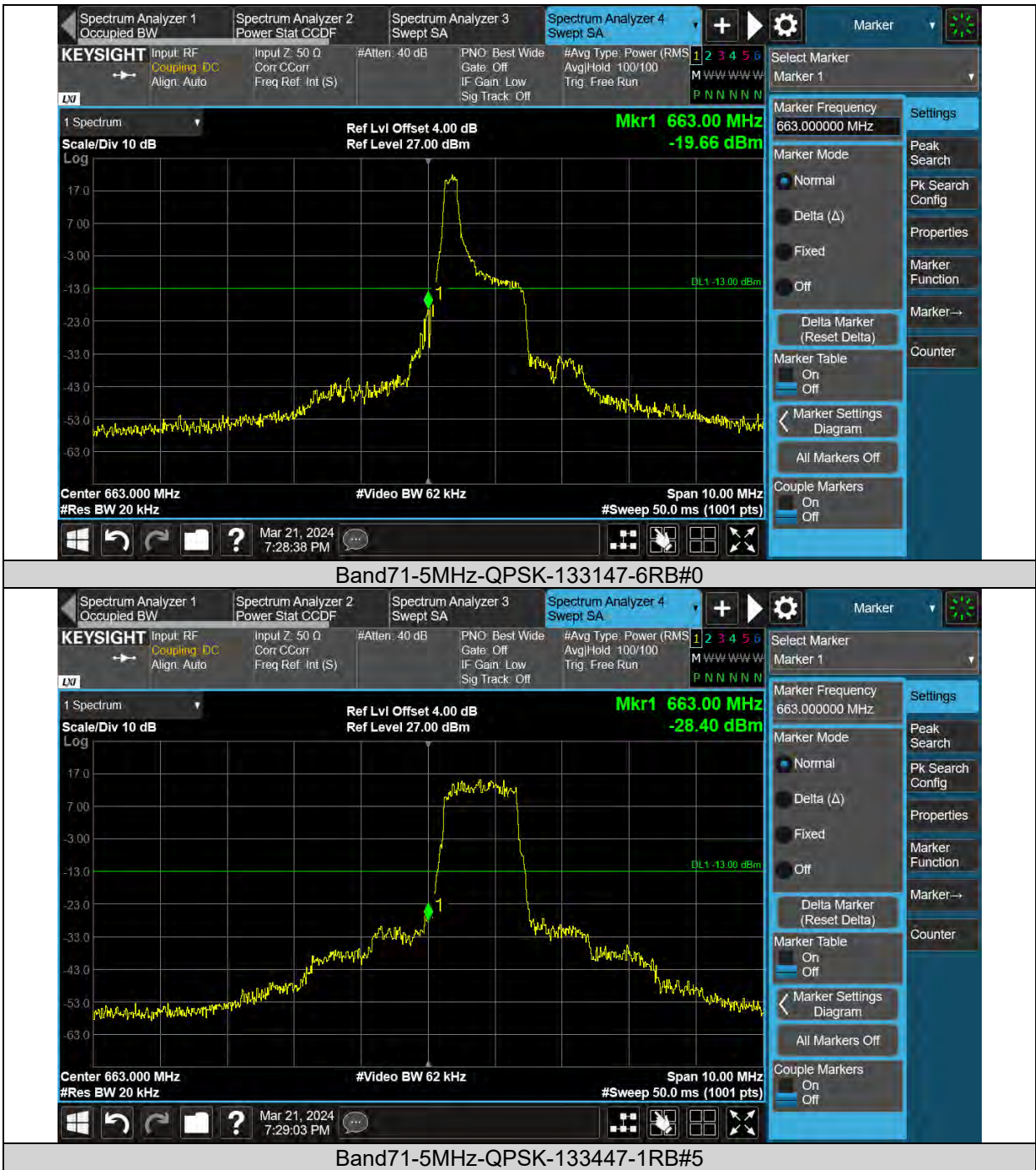
Test Graphs

Band71-5MHz-QPSK-133147-1RB#0



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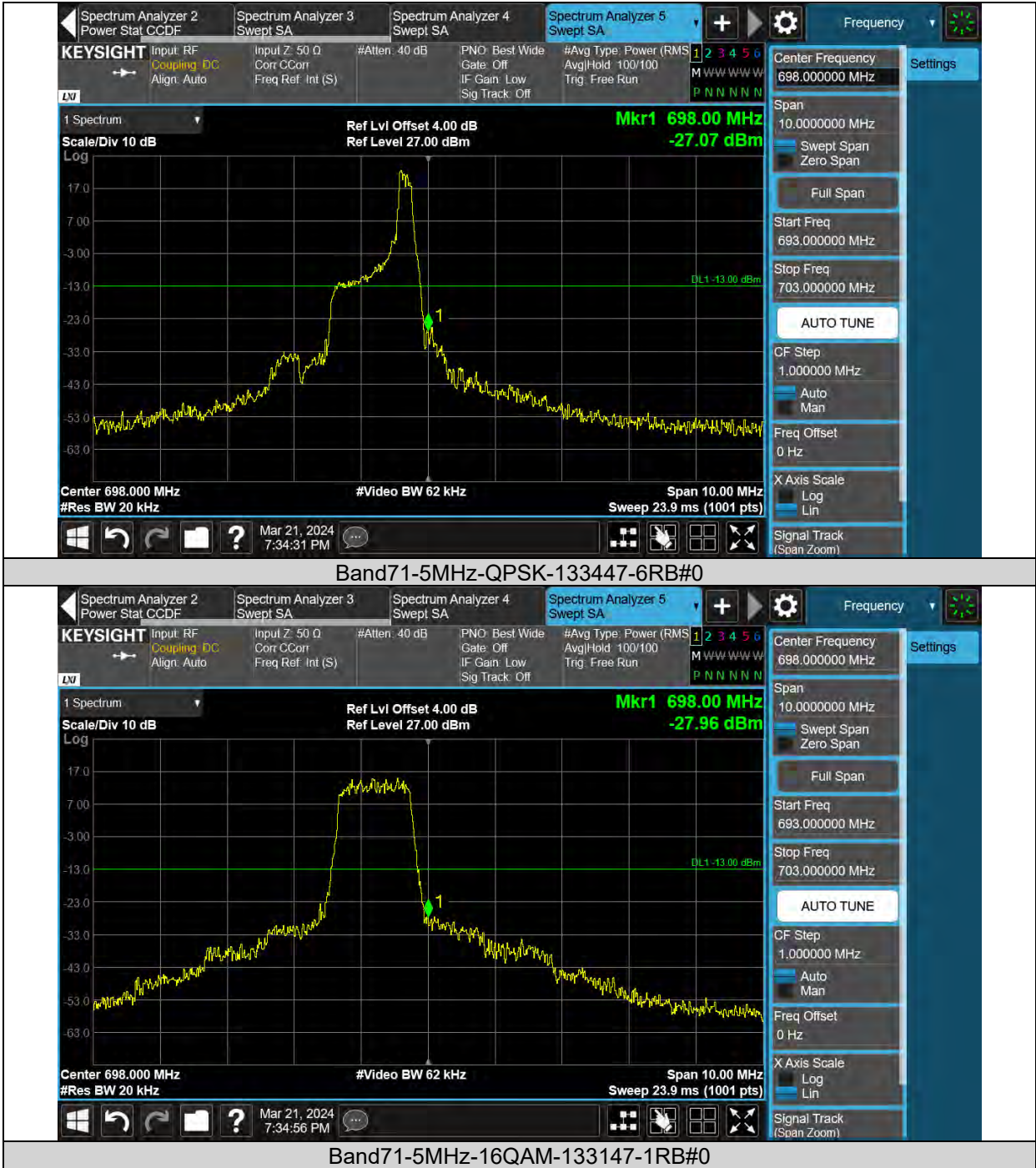
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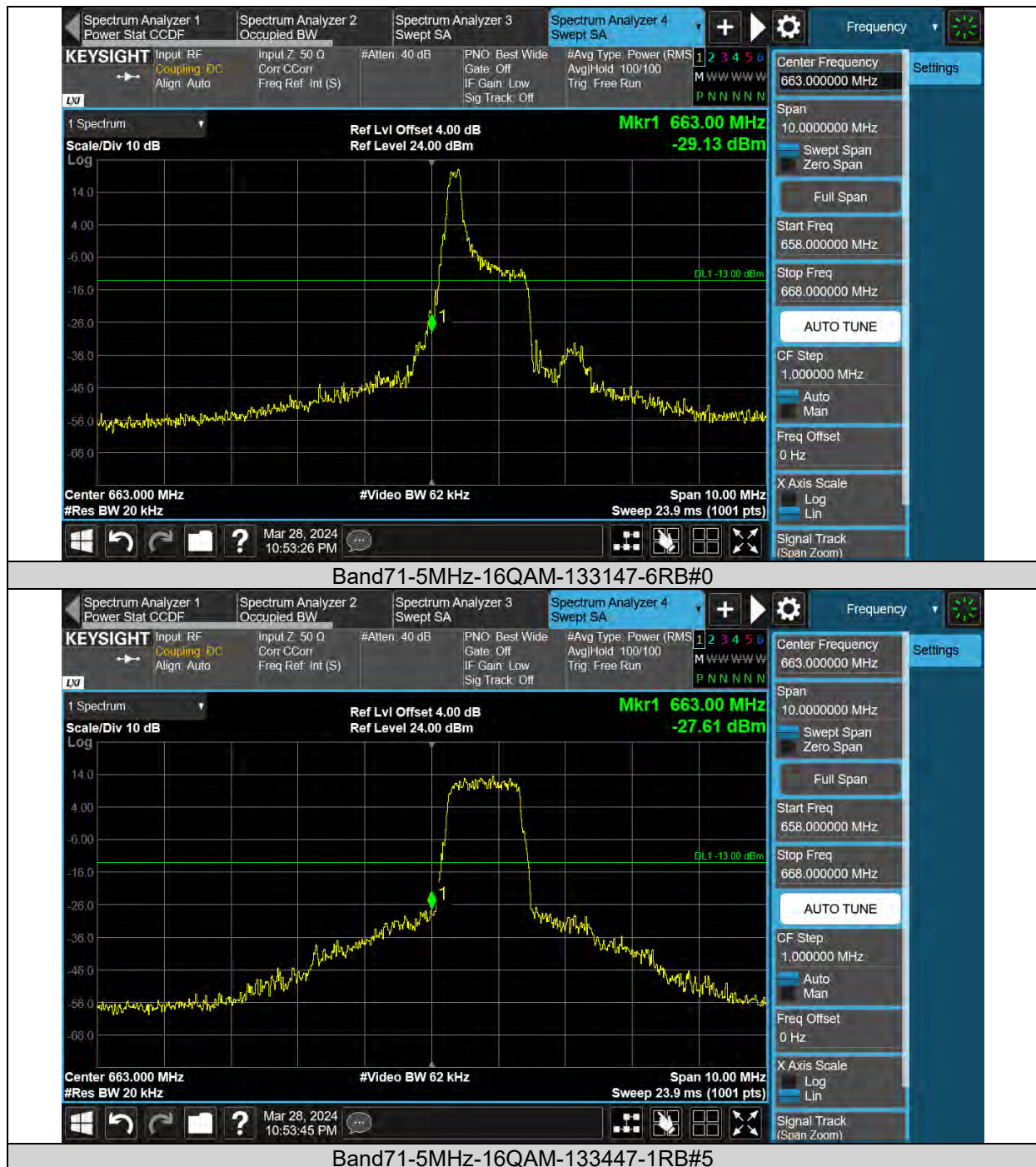
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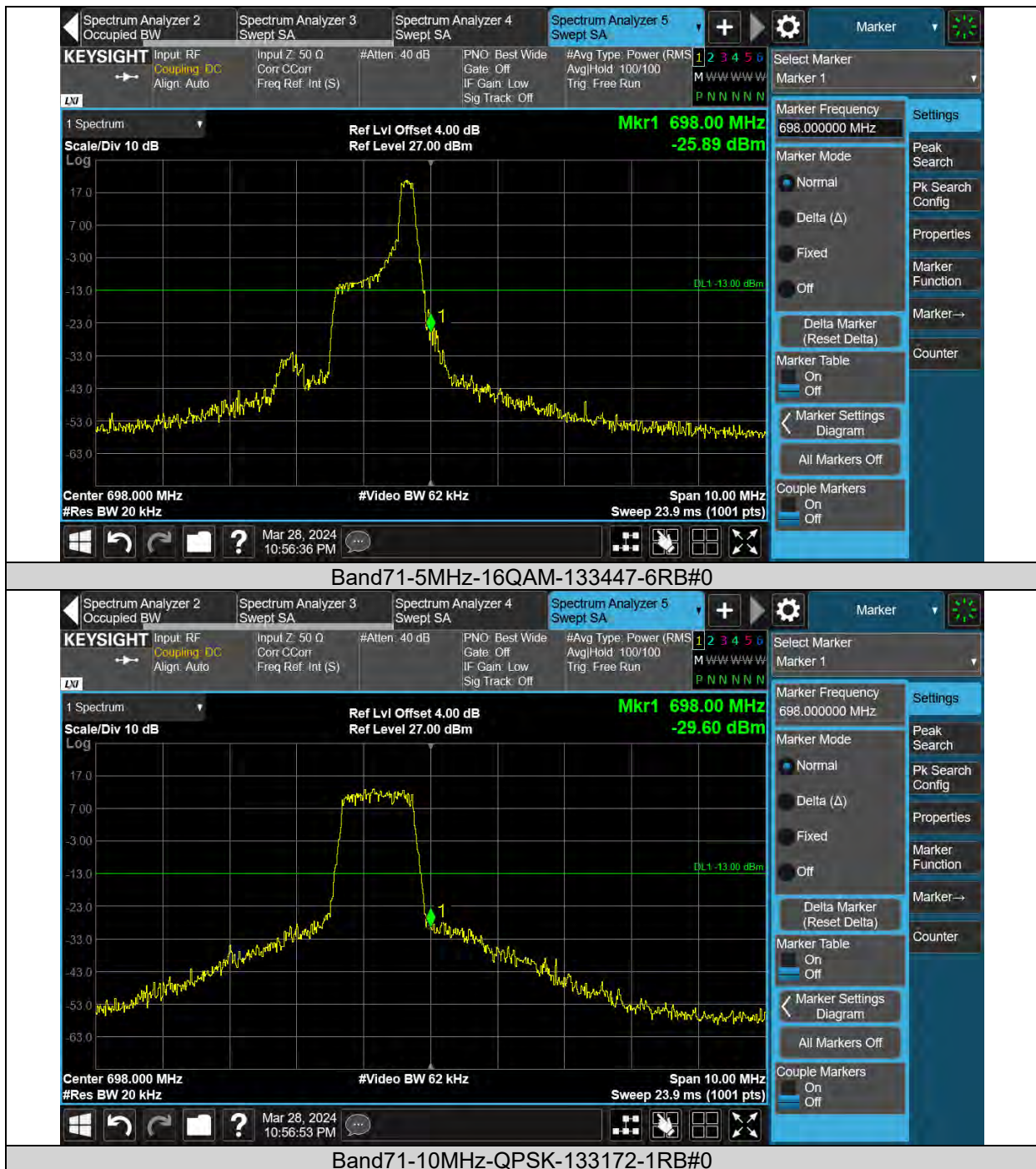
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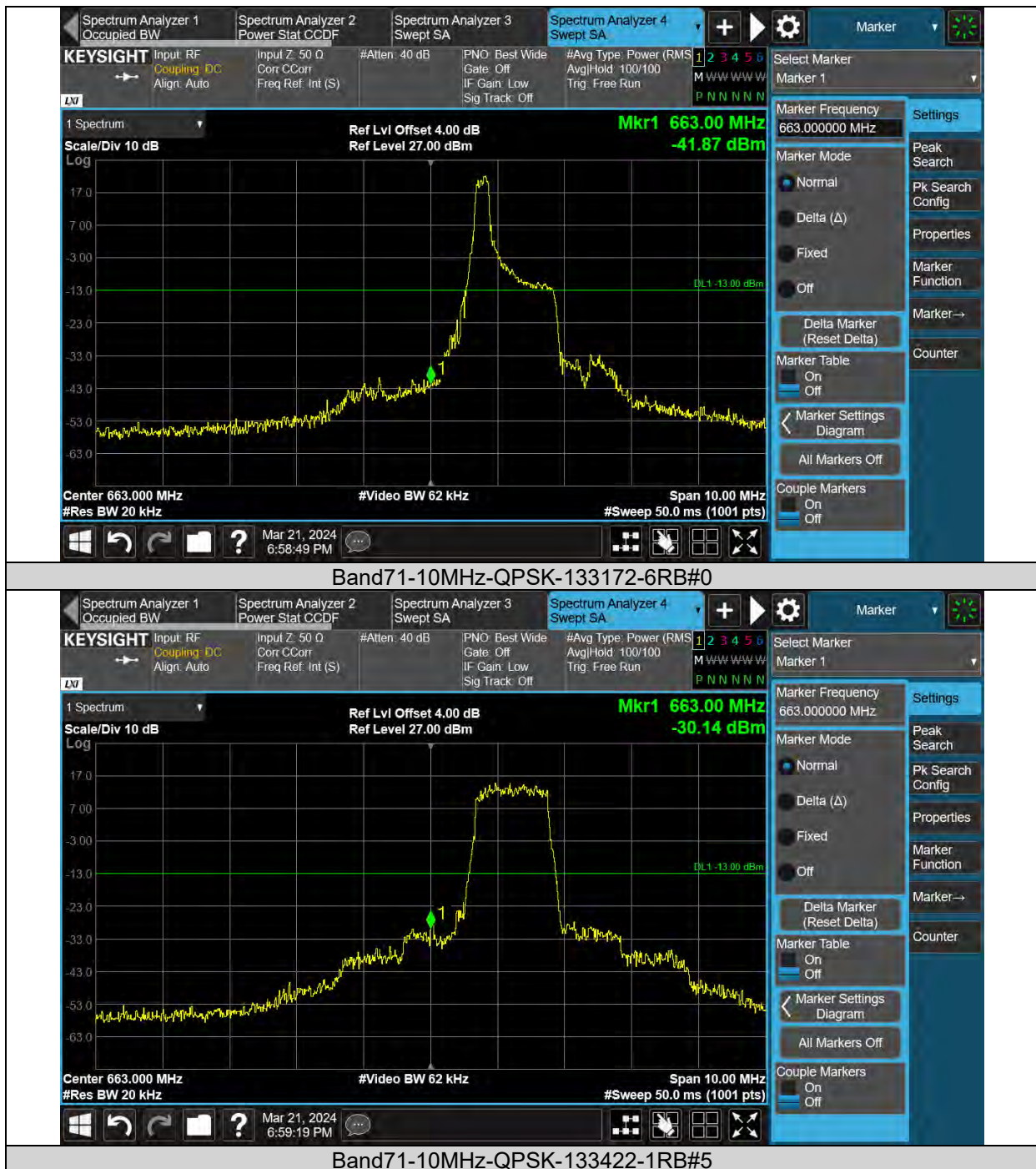
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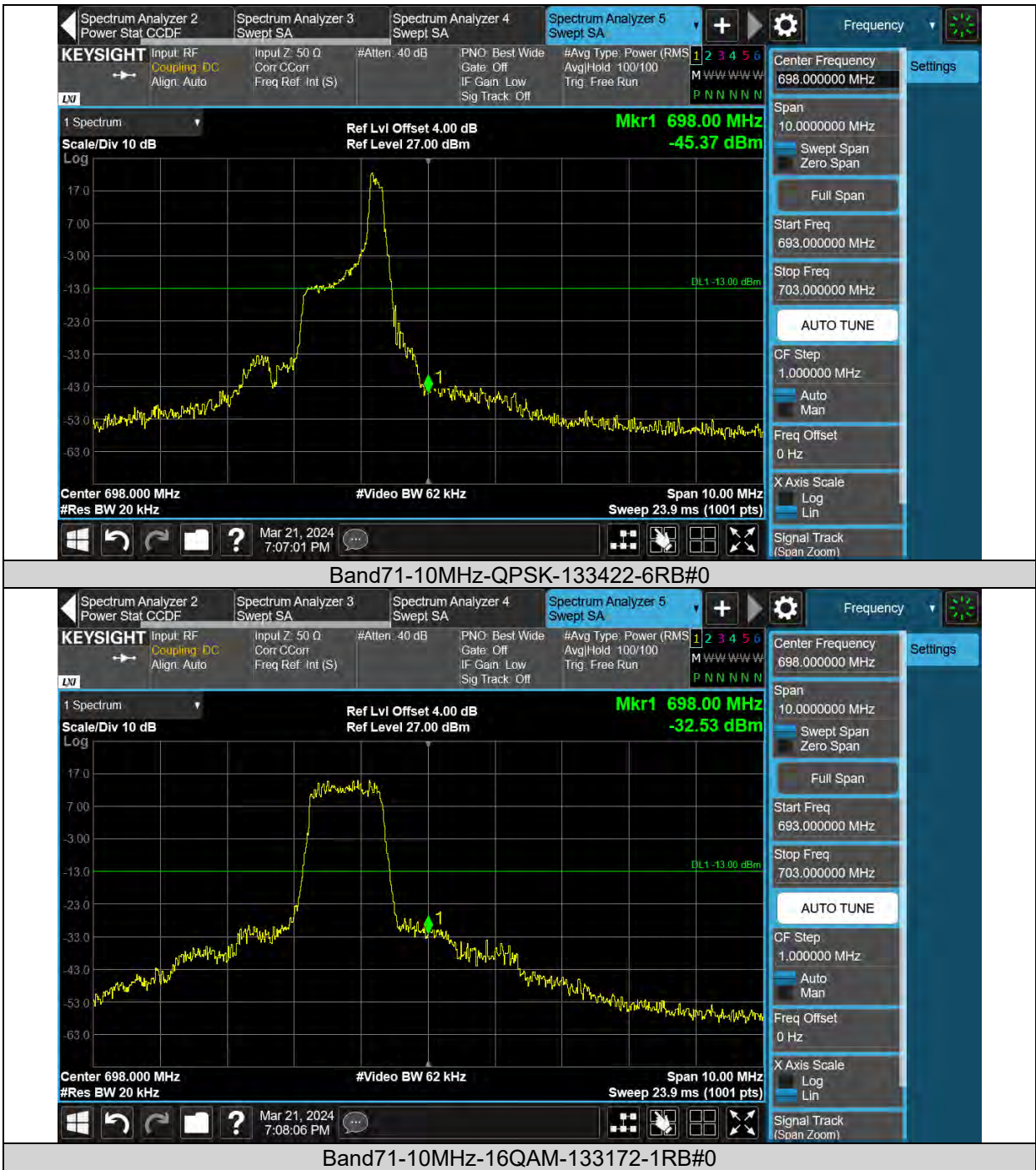
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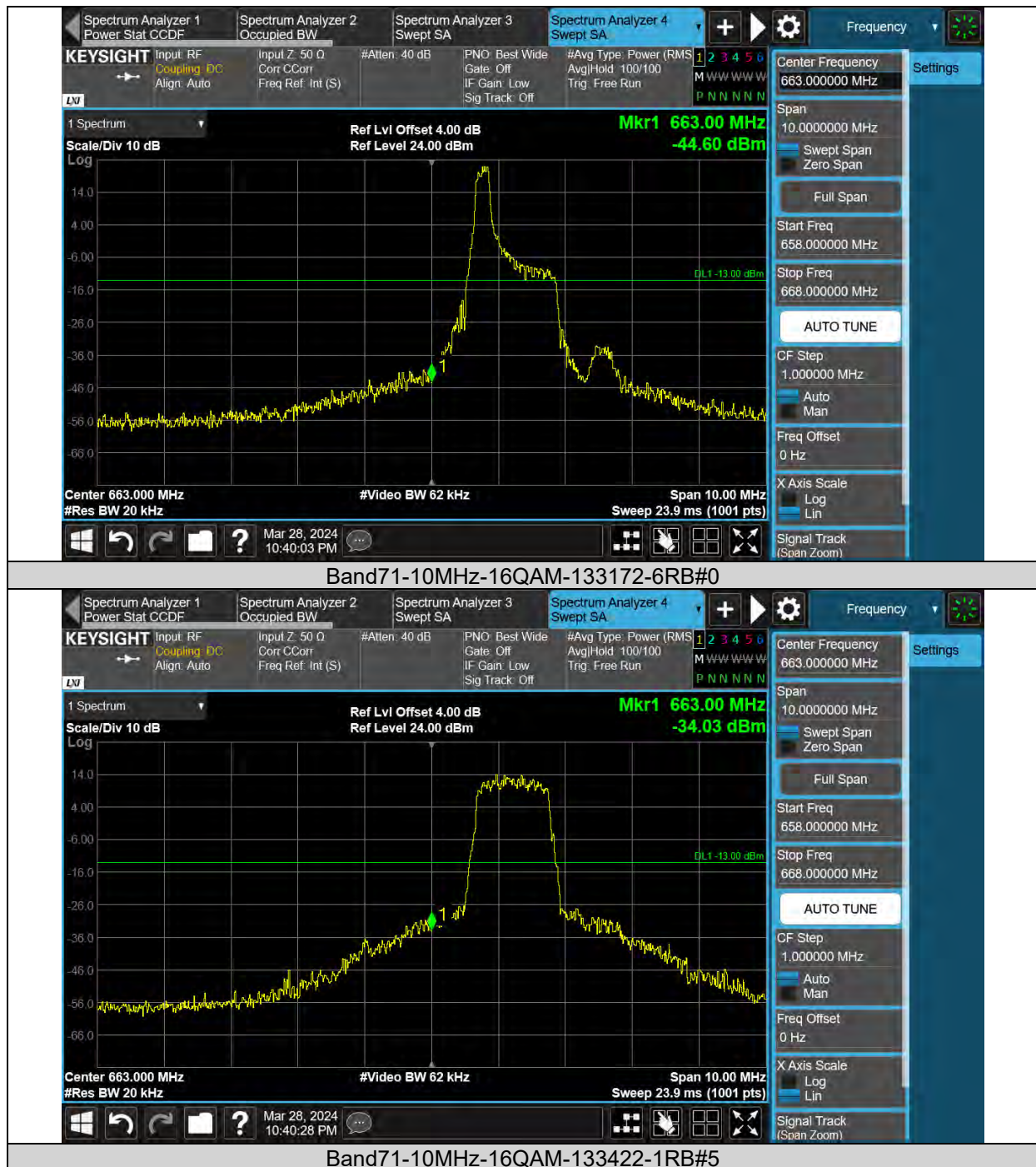
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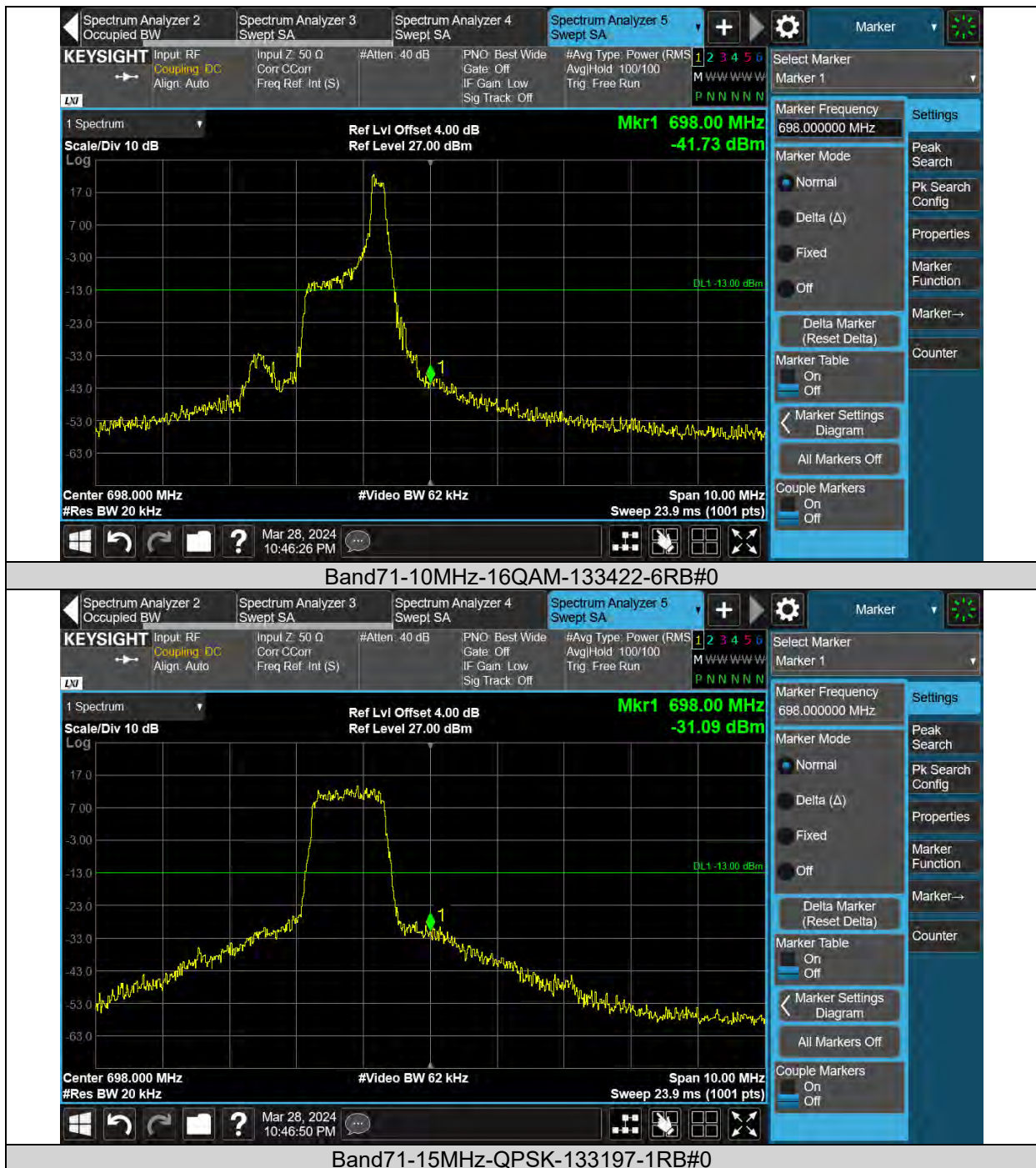
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Band71-15MHz-QPSK-133197-6RB#0



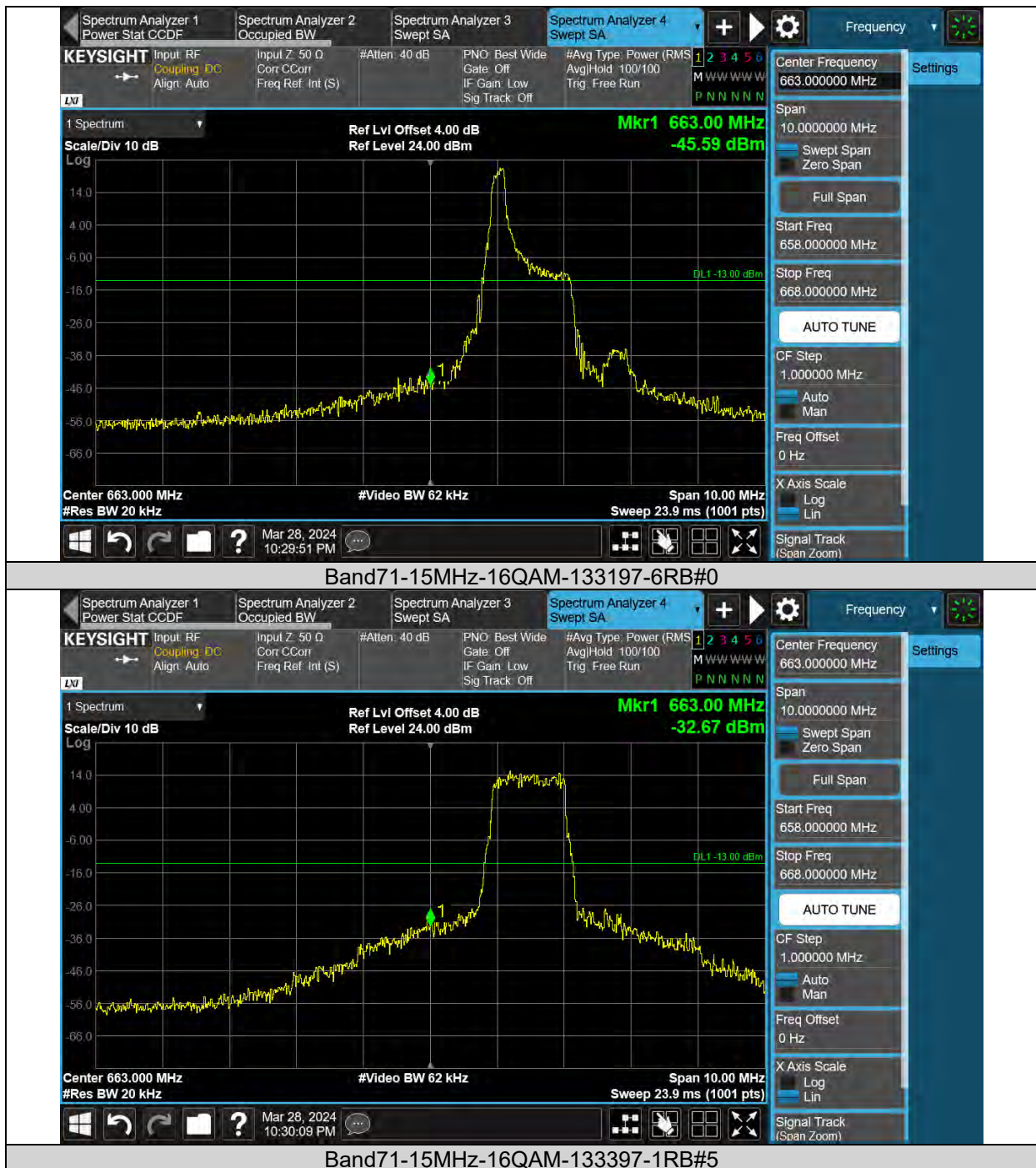
Band71-15MHz-QPSK-133397-1RB#5





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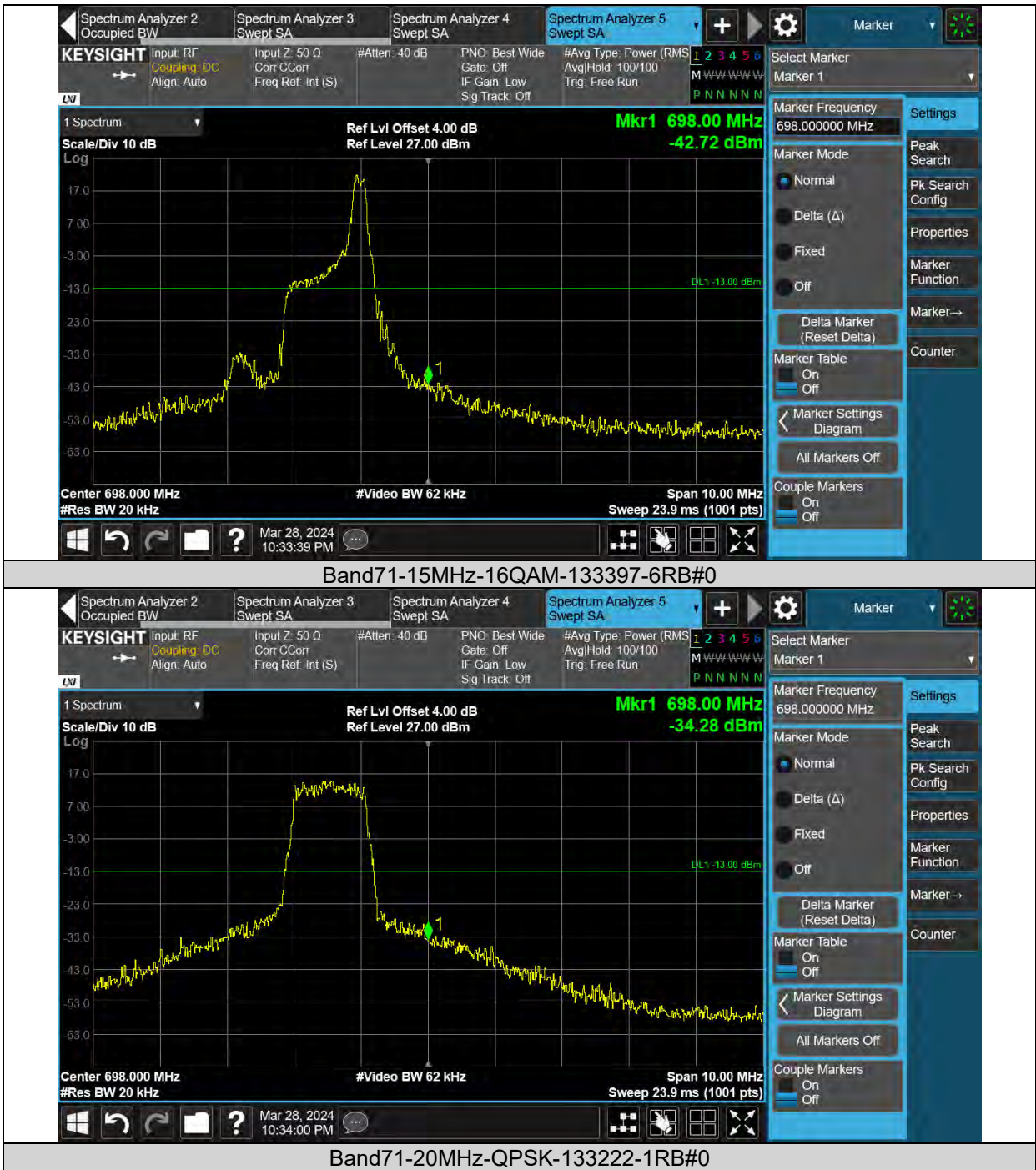
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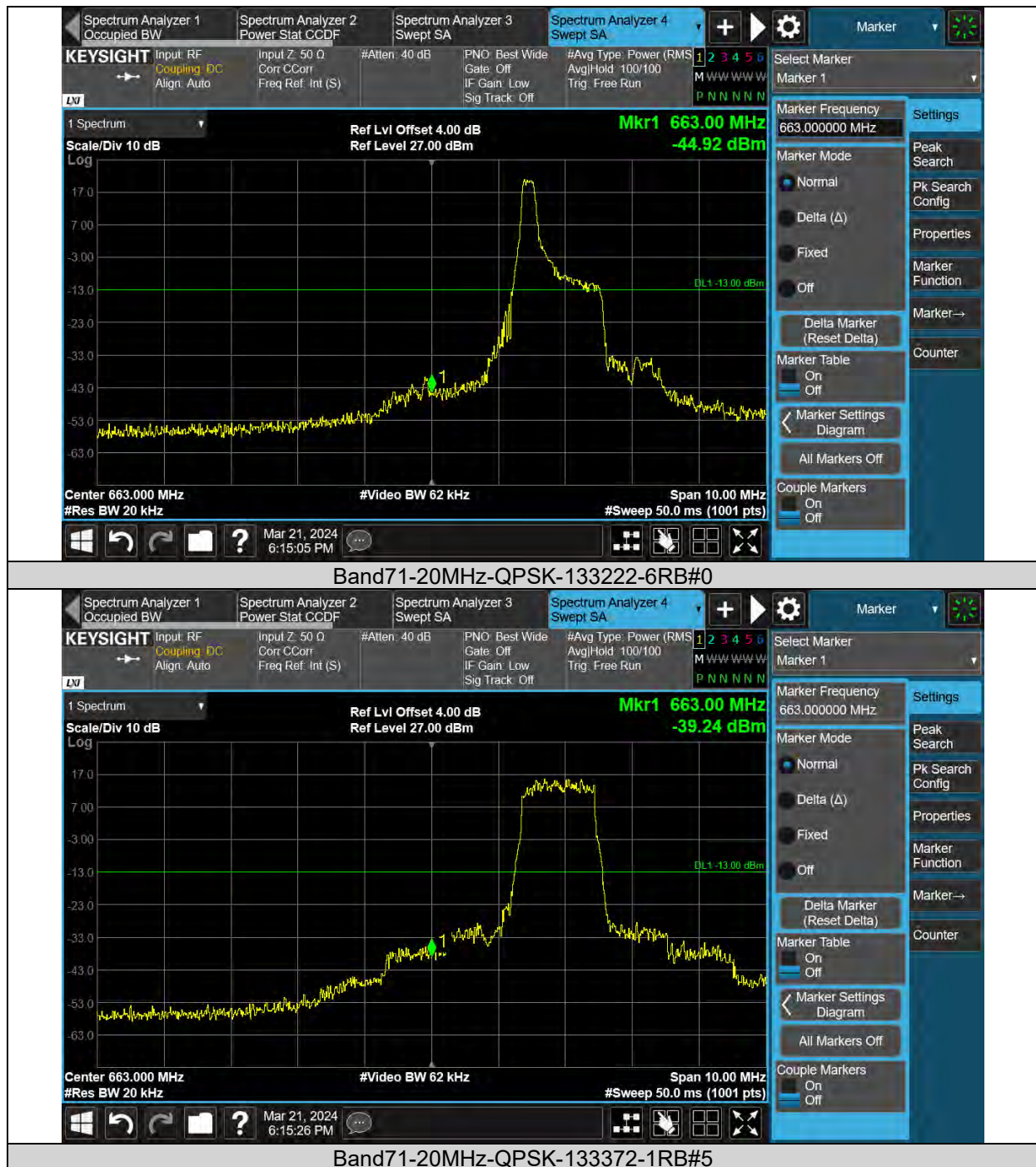
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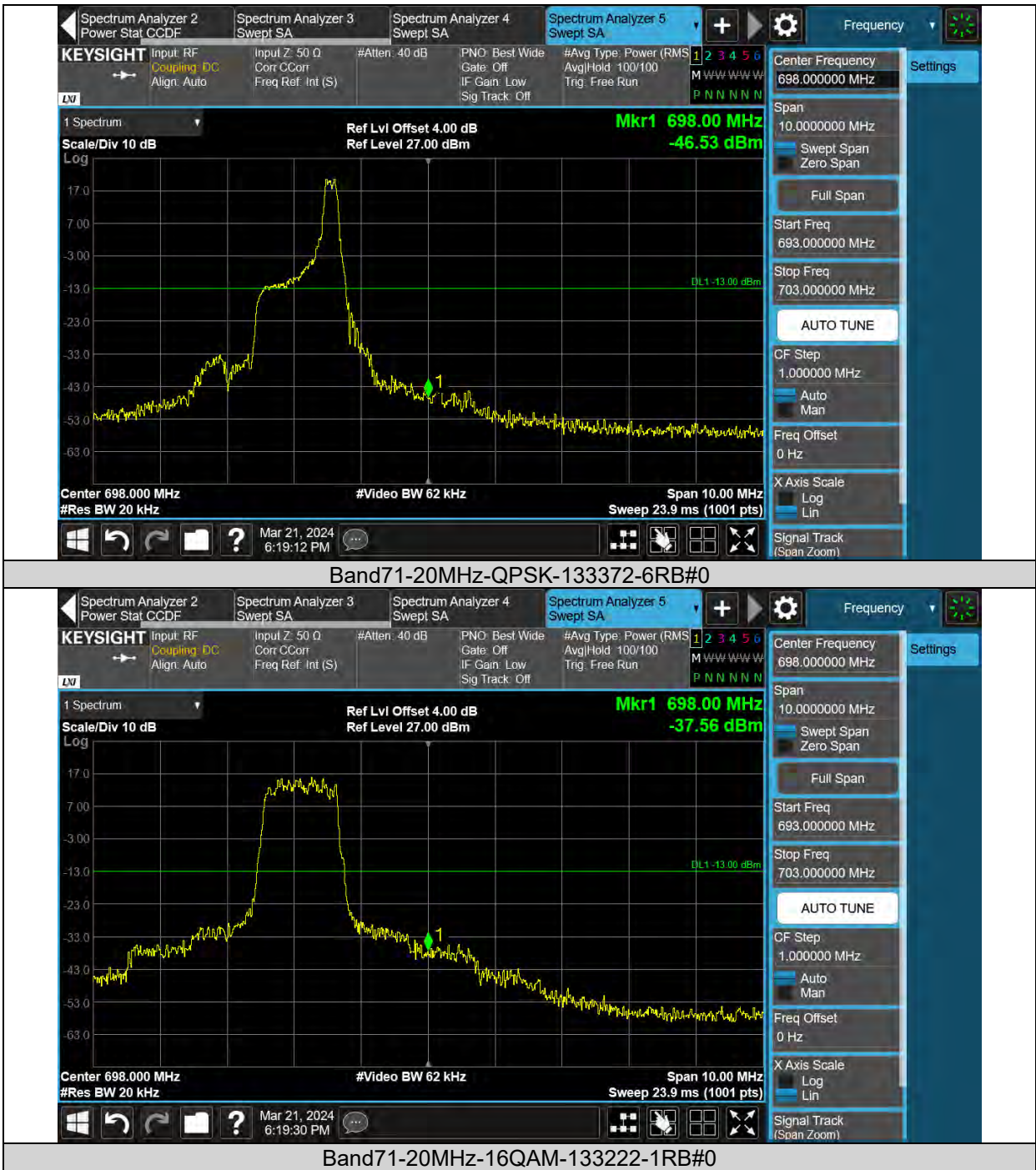
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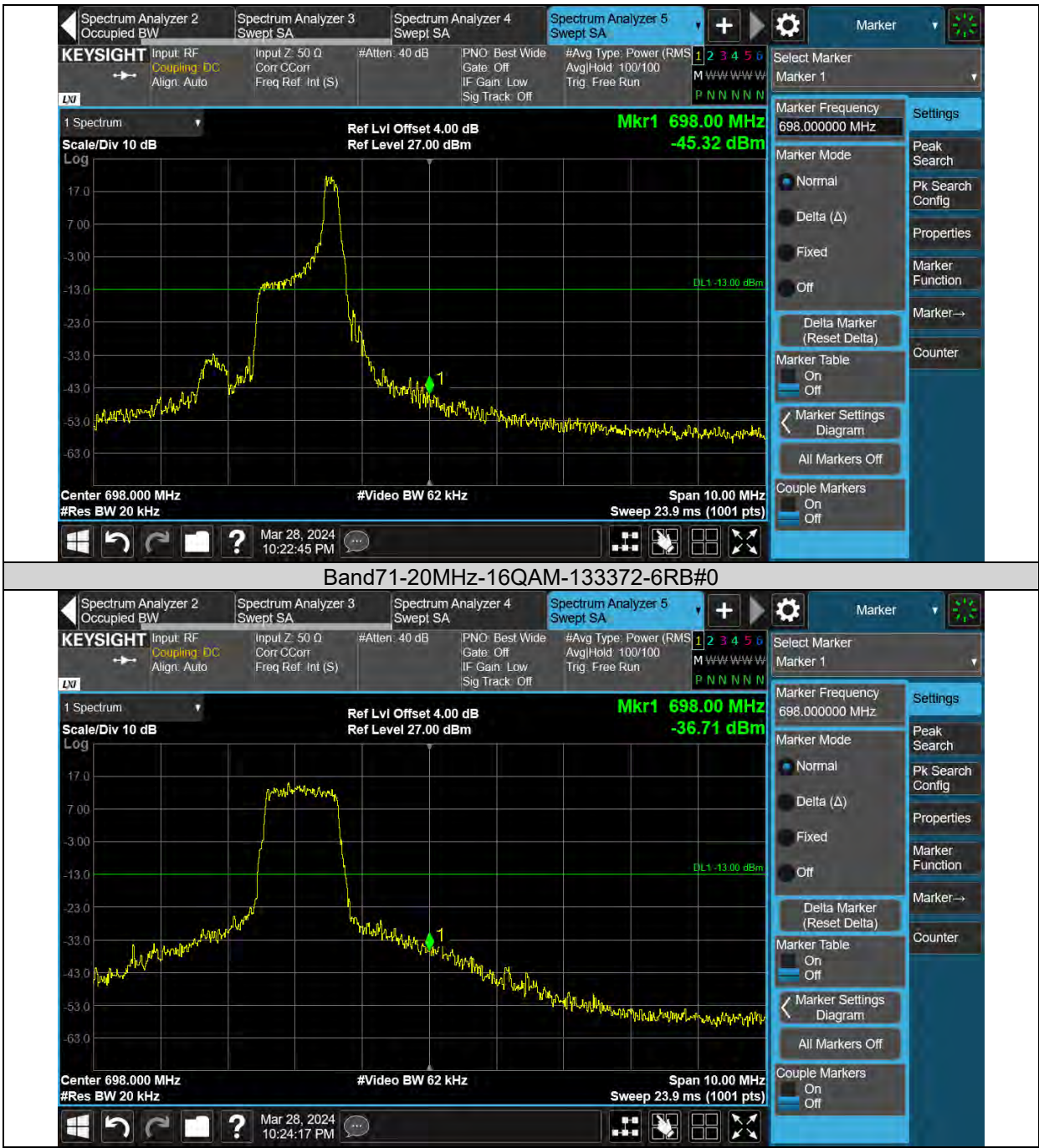
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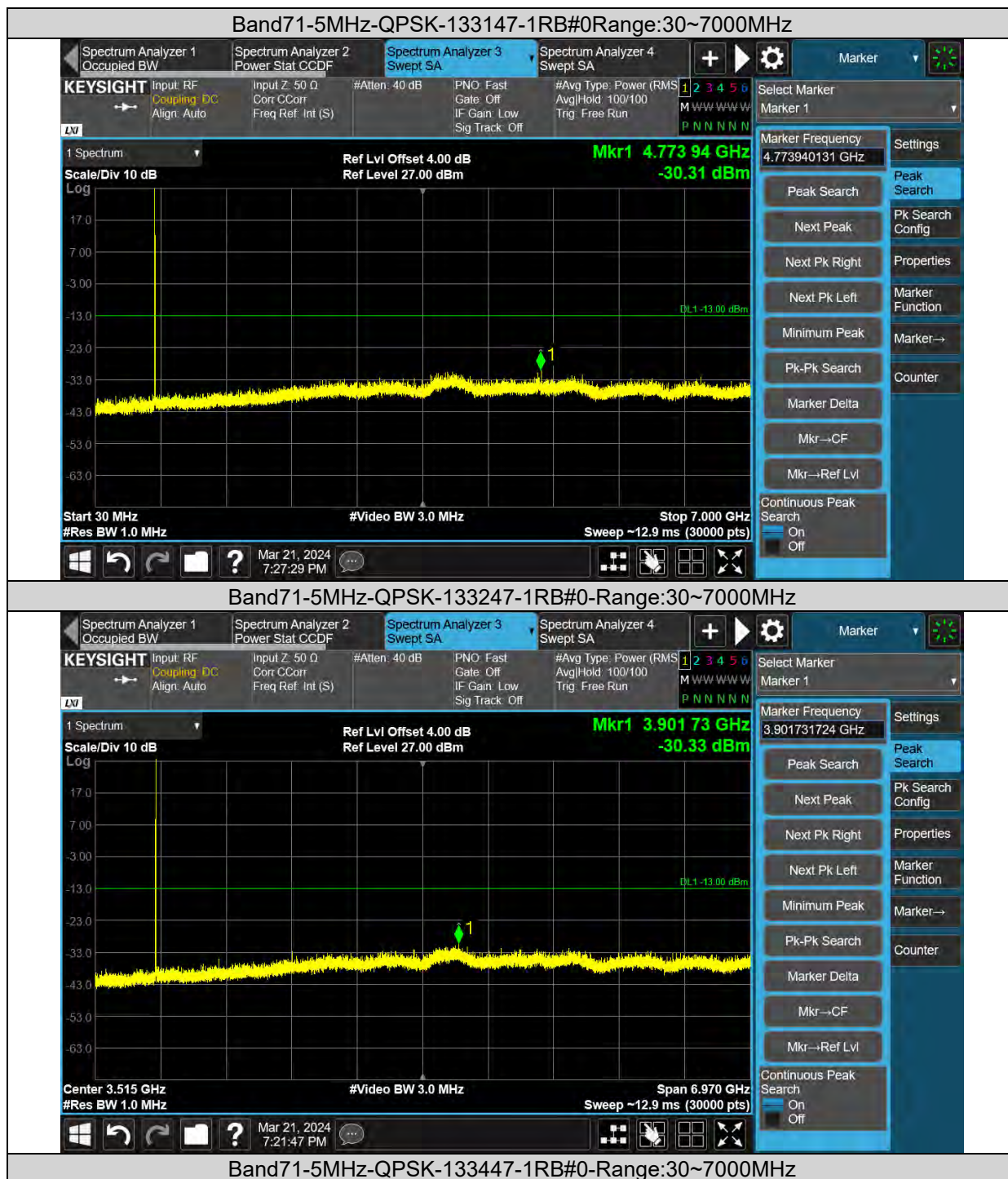


CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	QPSK	133247	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	16QAM	133247	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133272	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	16QAM	133272	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range:30~7000MHz	See Graph	PASS

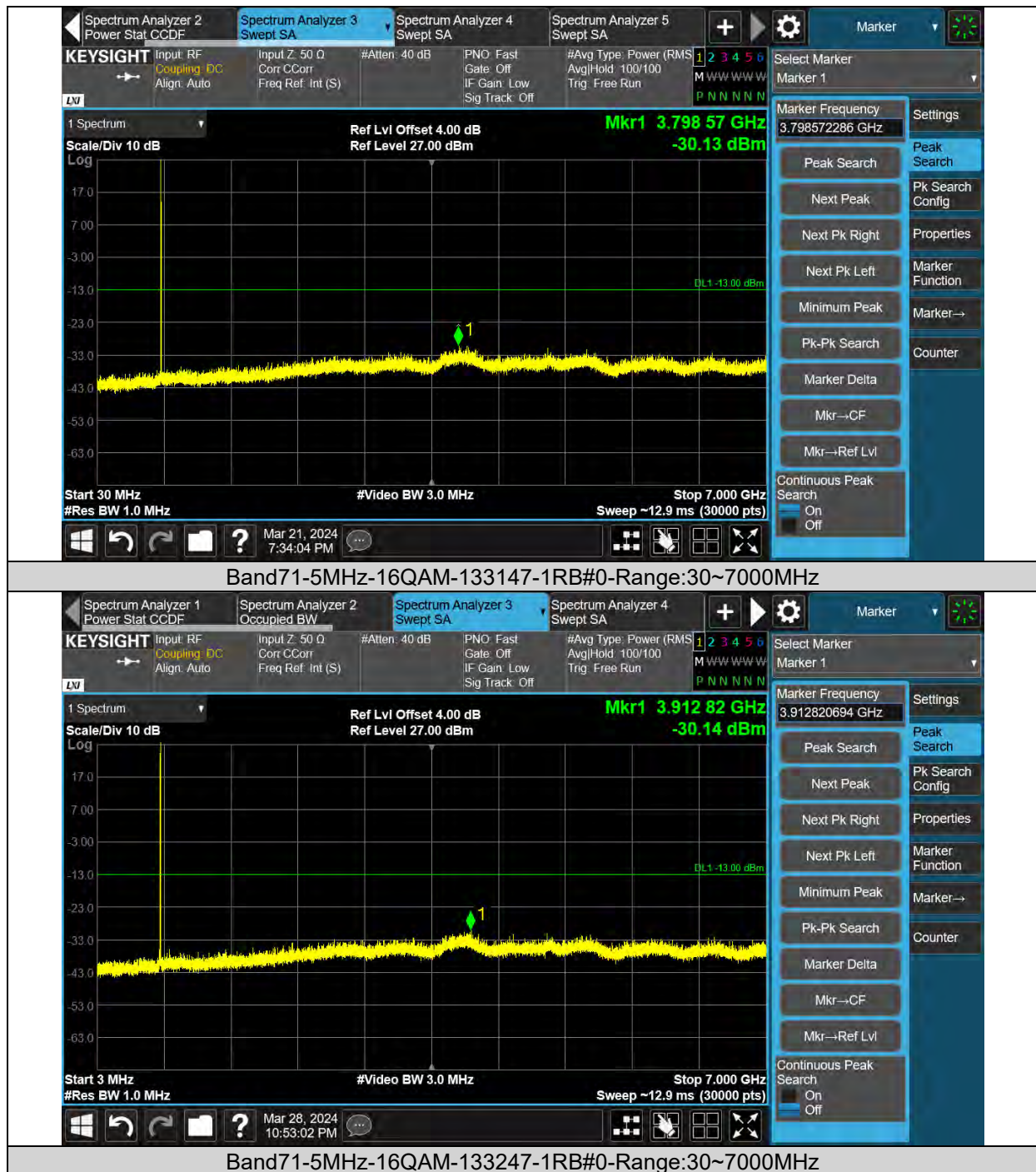
Test Graphs





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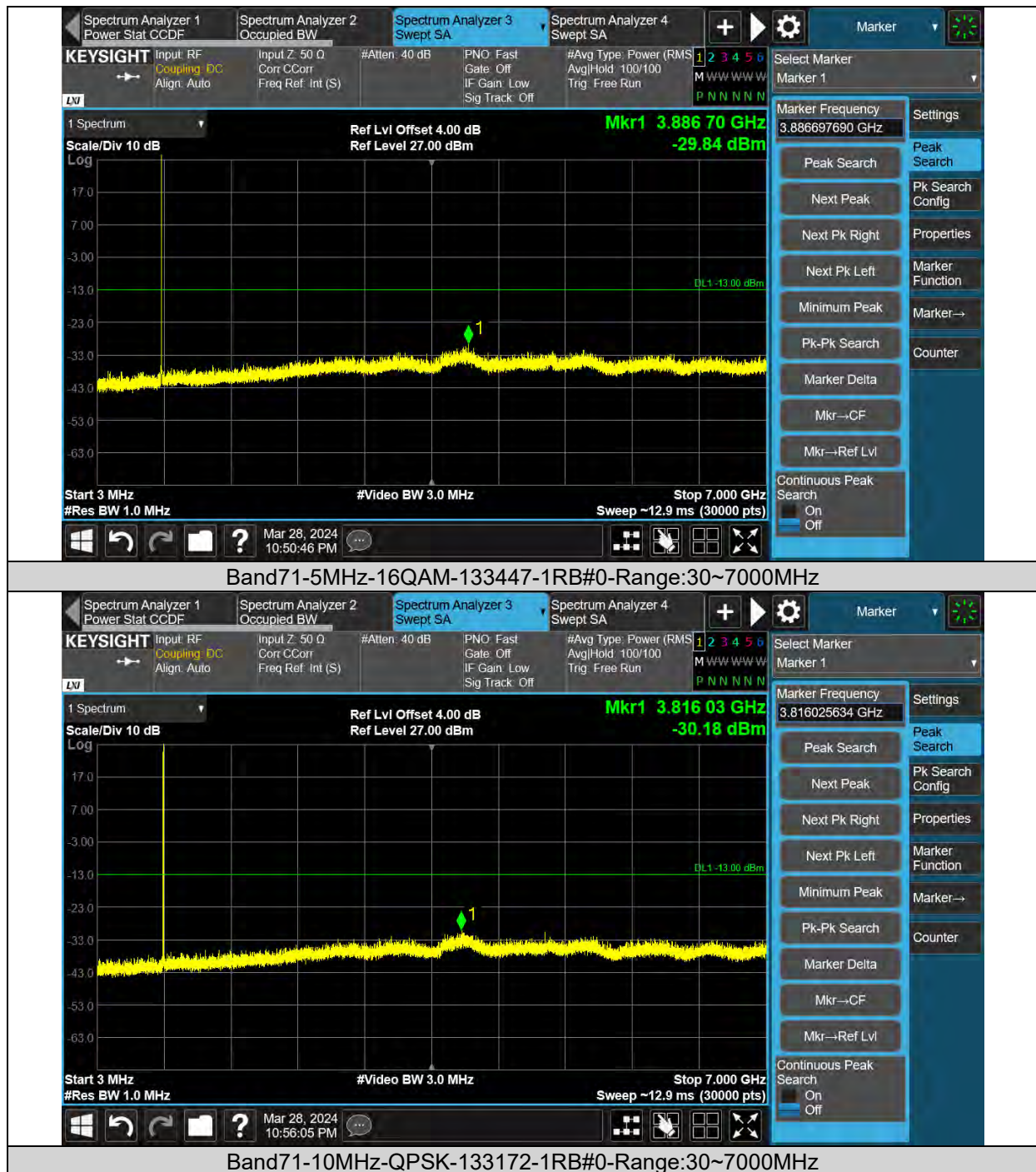
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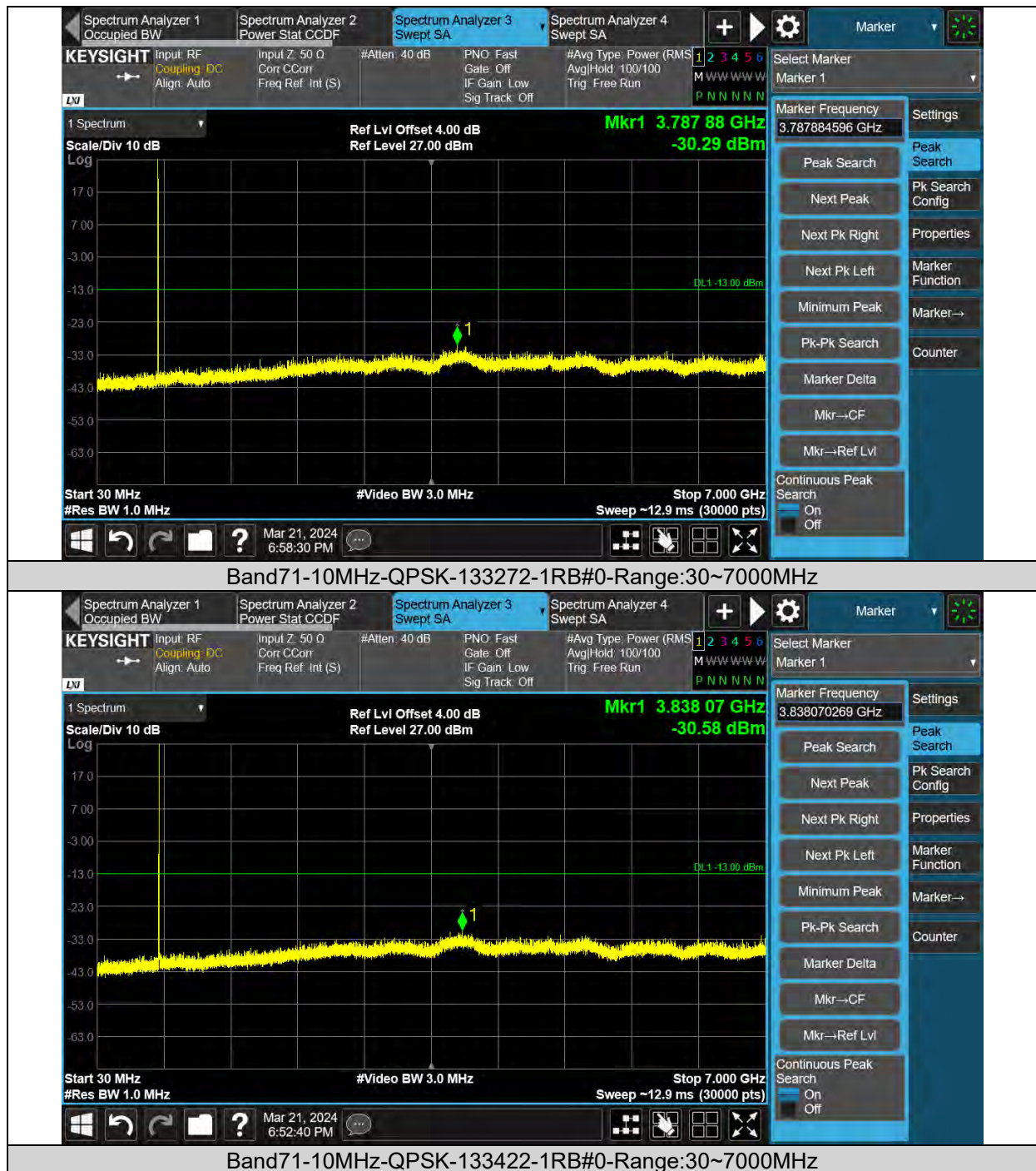
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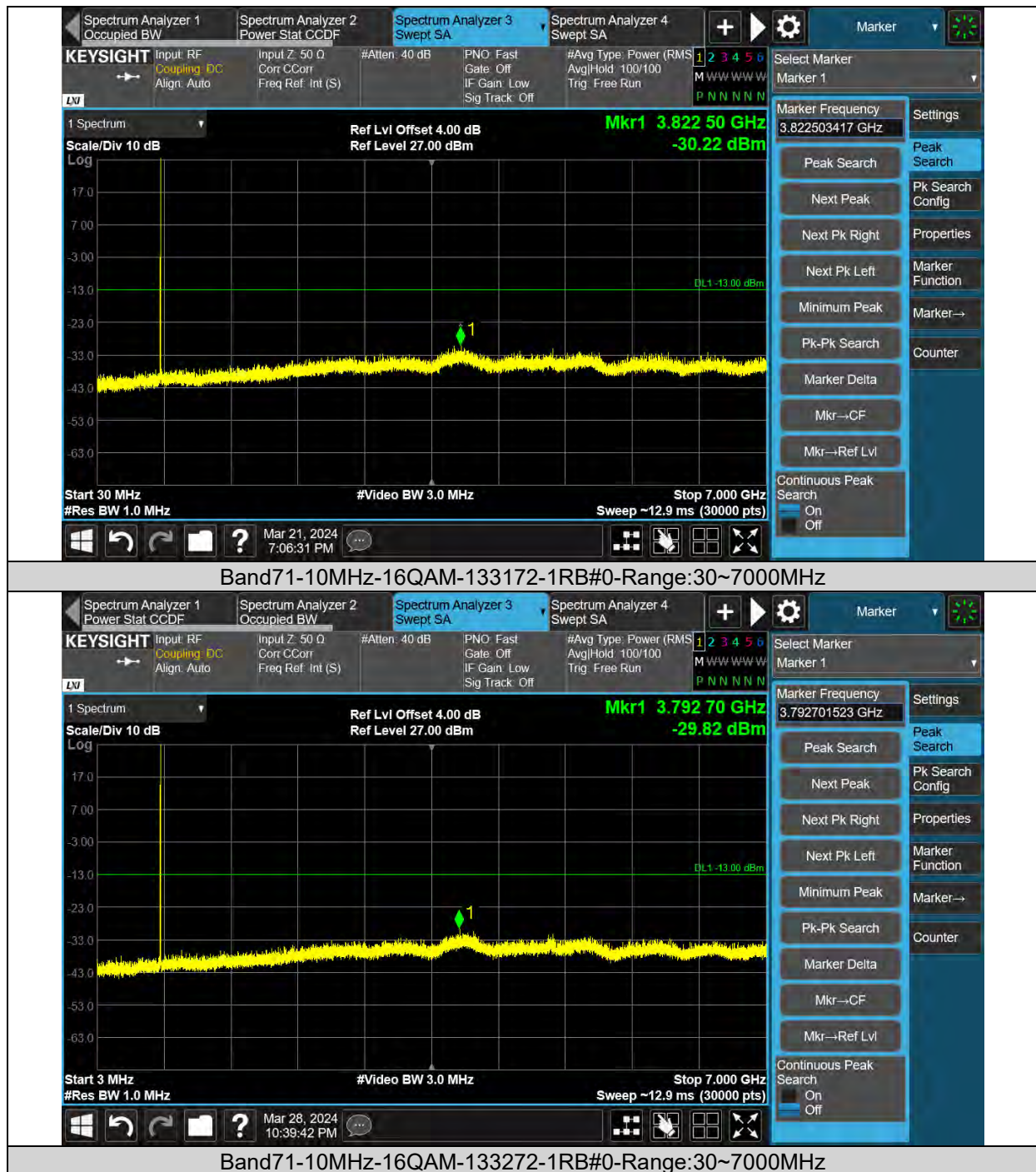
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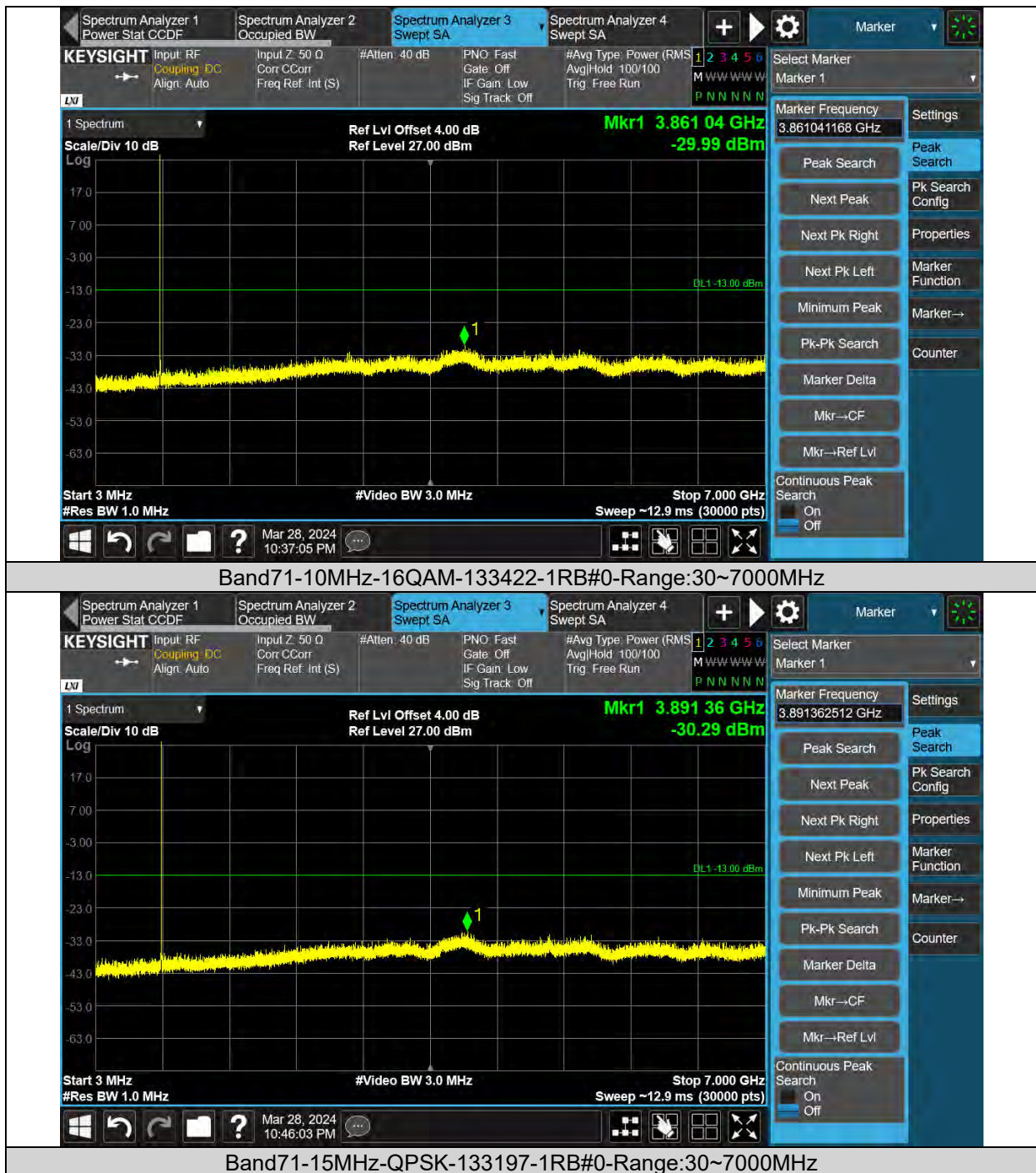
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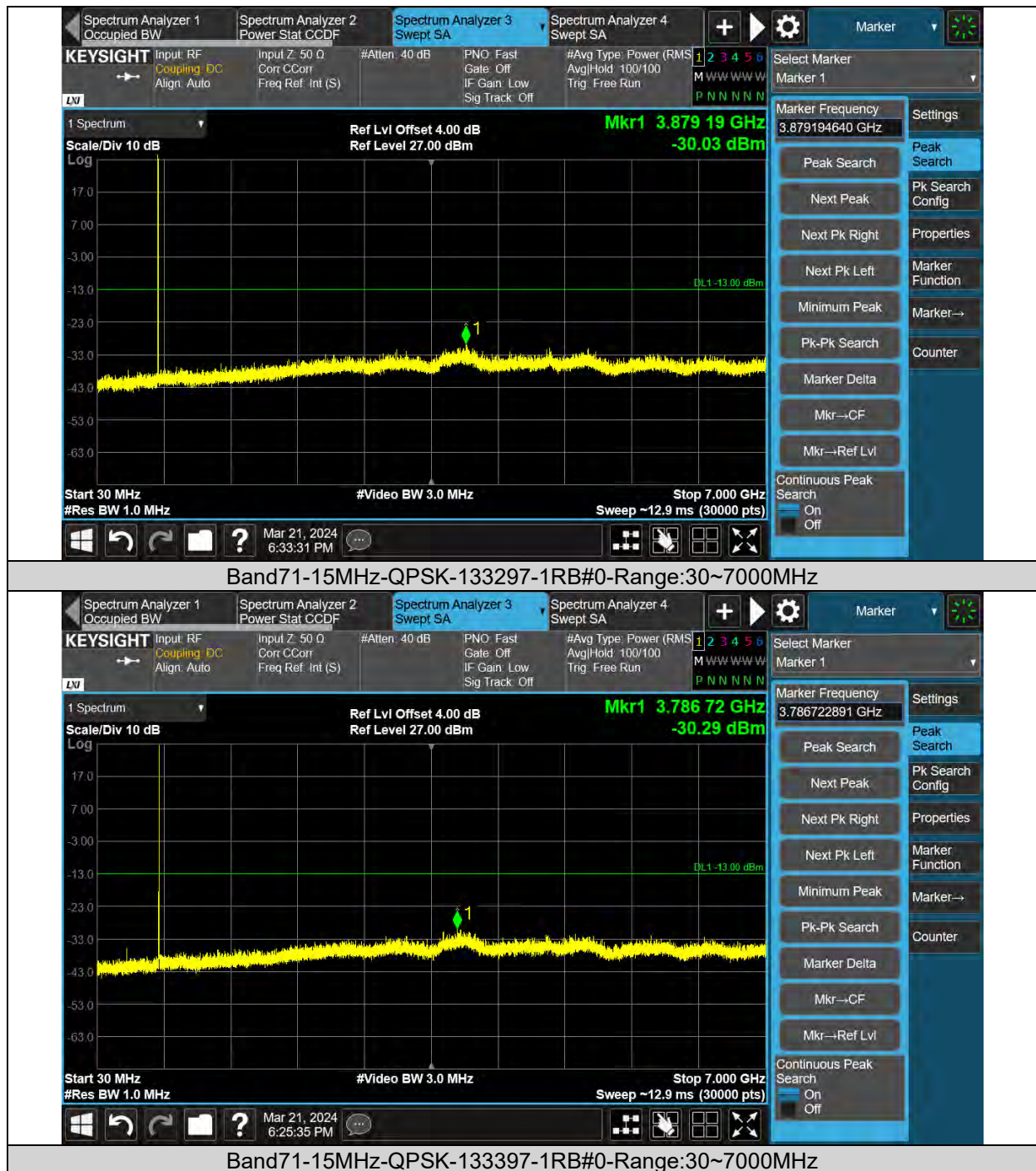
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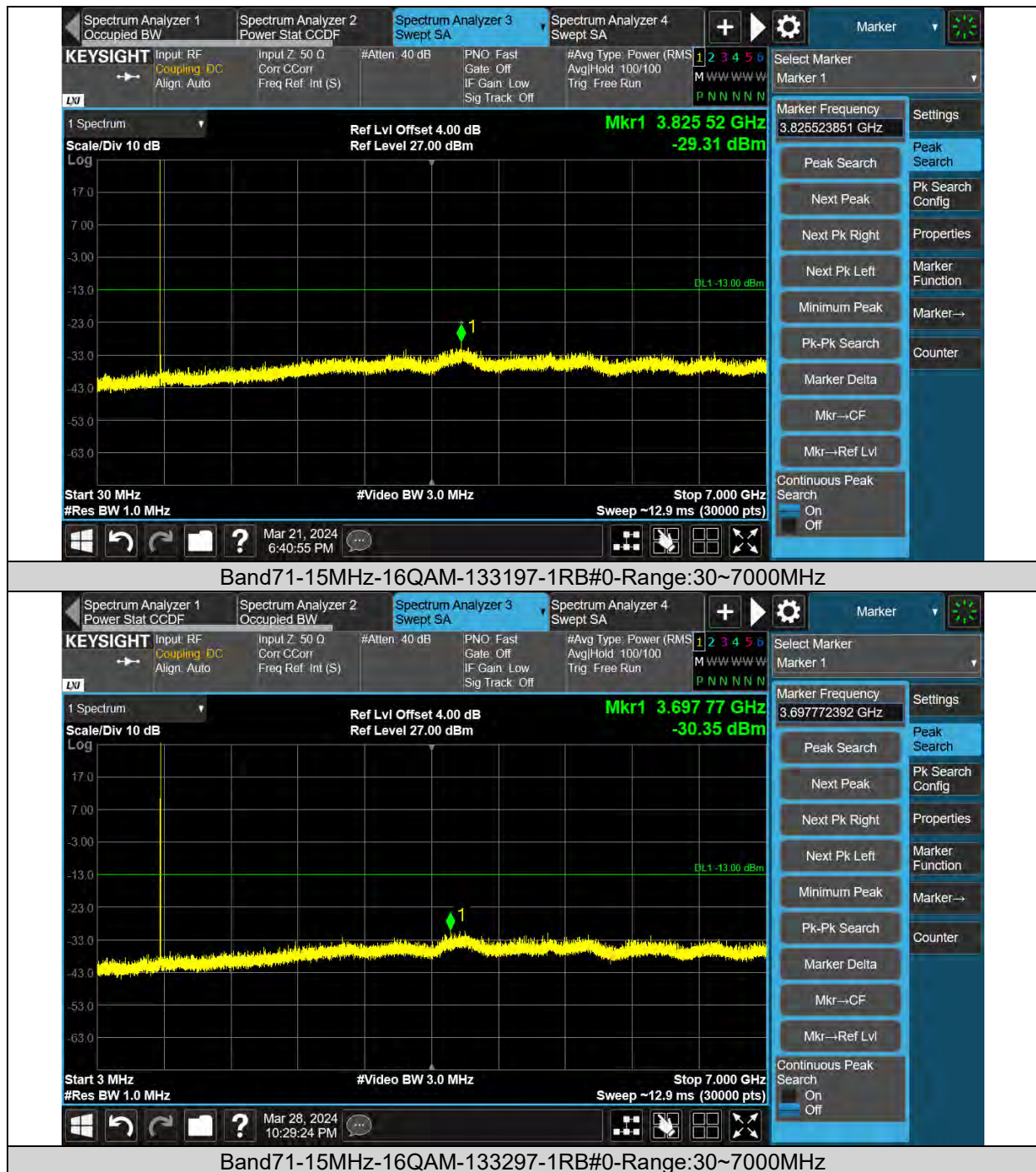
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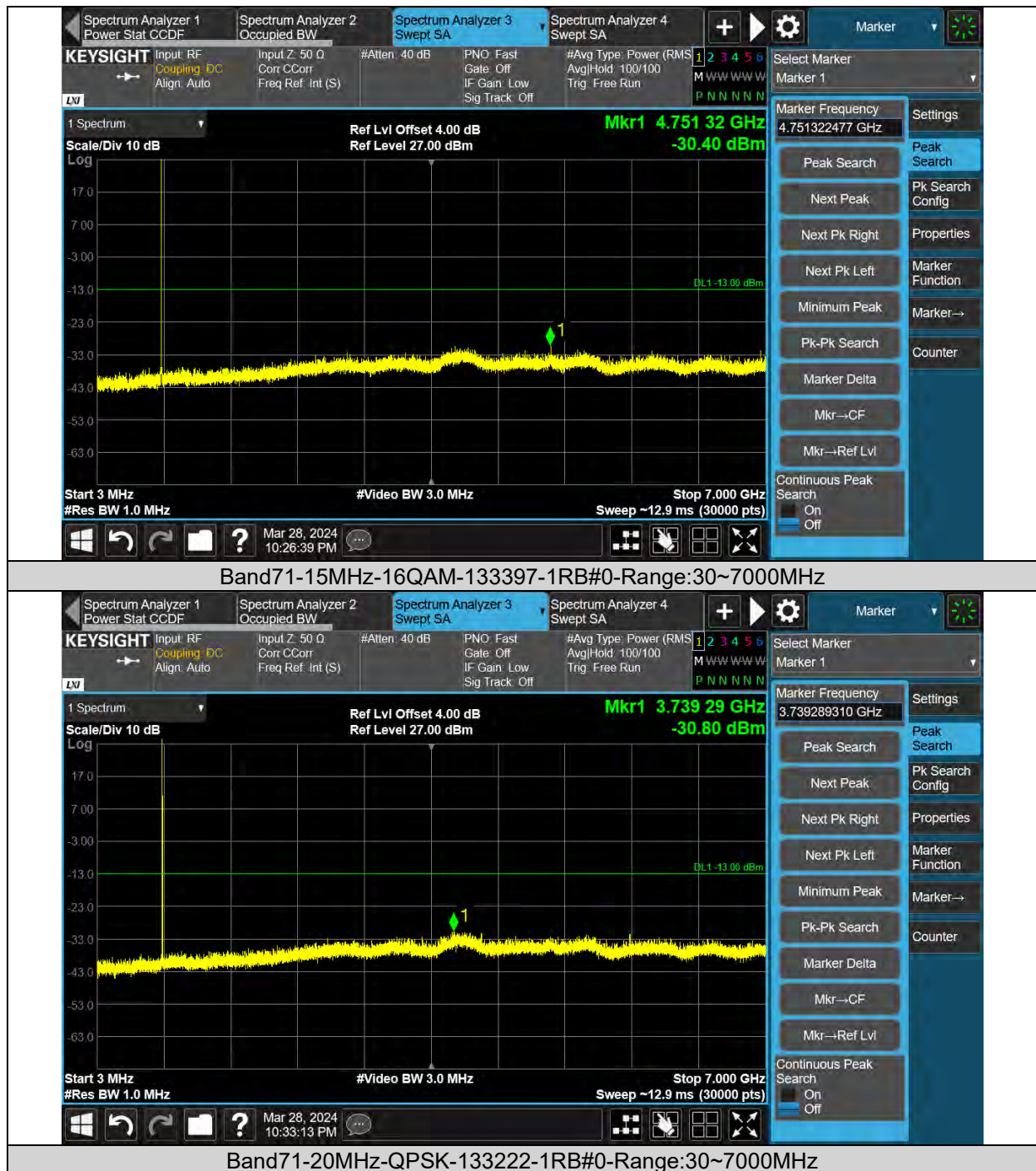
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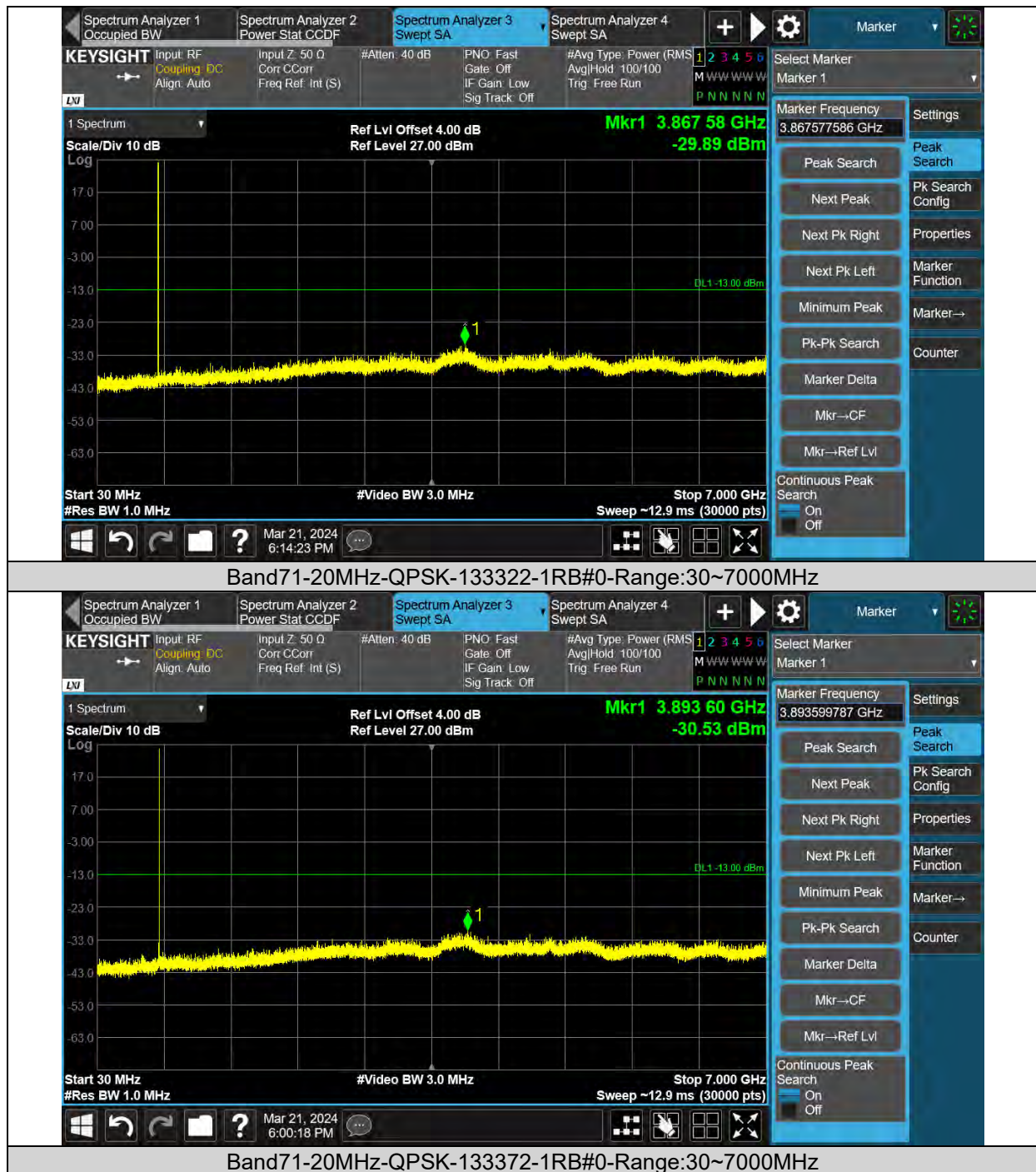
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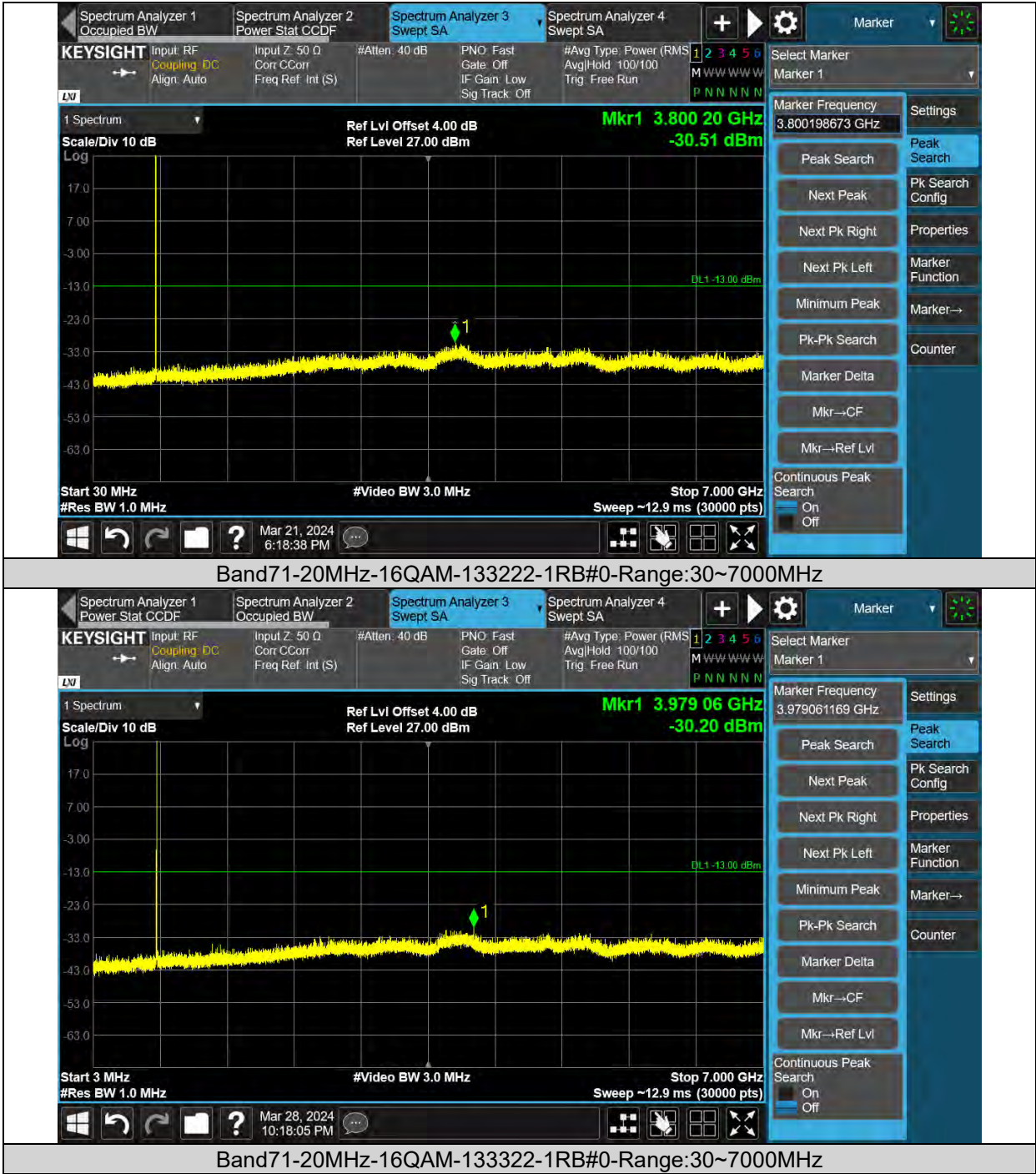
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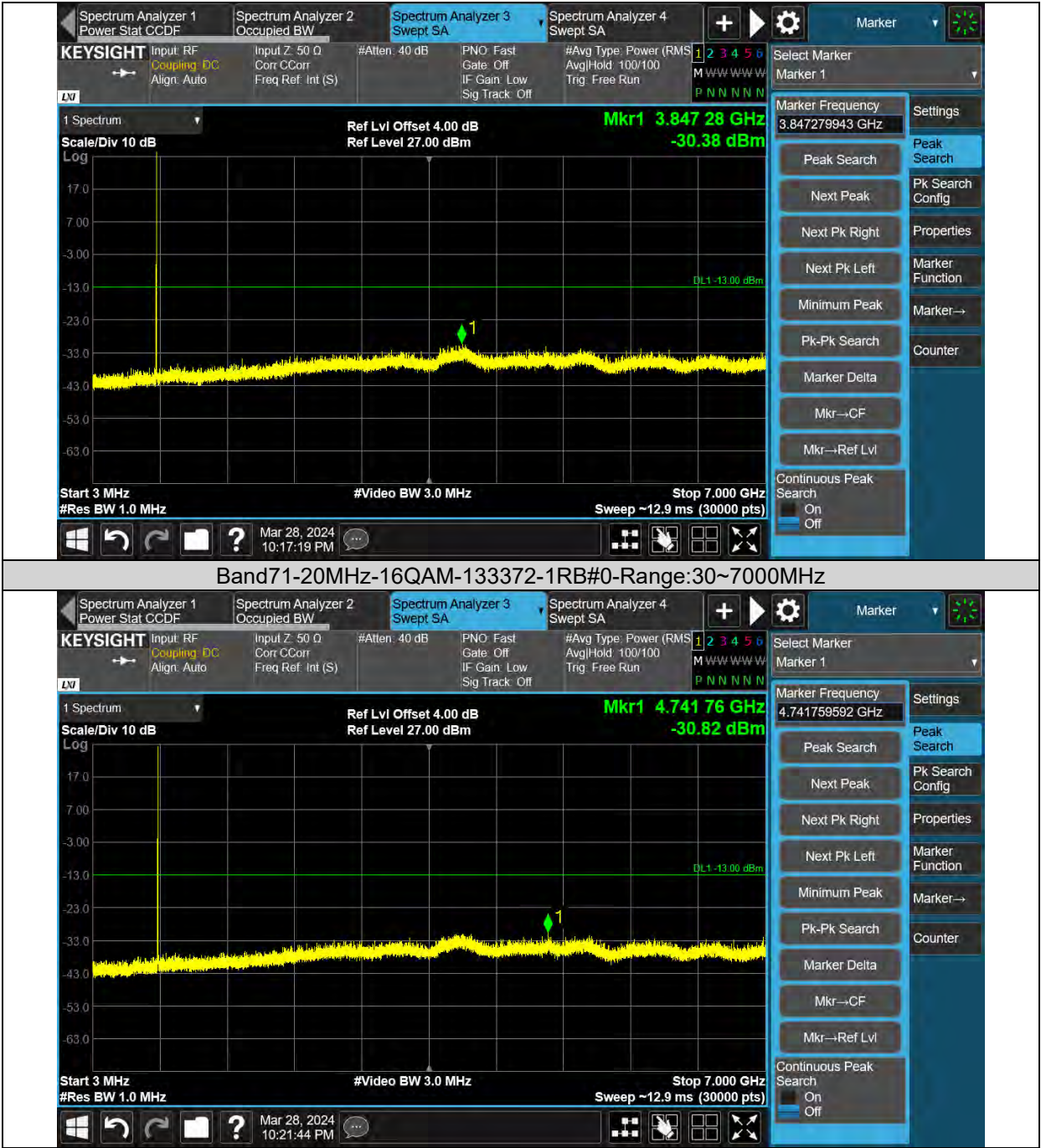
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FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	6RB#0	VL	NT	14.6	0.008488	±2.5	PASS
Band71	20MHz	QPSK	133222	6RB#0	VN	NT	3.4	0.001977	±2.5	PASS
Band71	20MHz	QPSK	133222	6RB#0	VH	NT	-30	-0.017442	±2.5	PASS