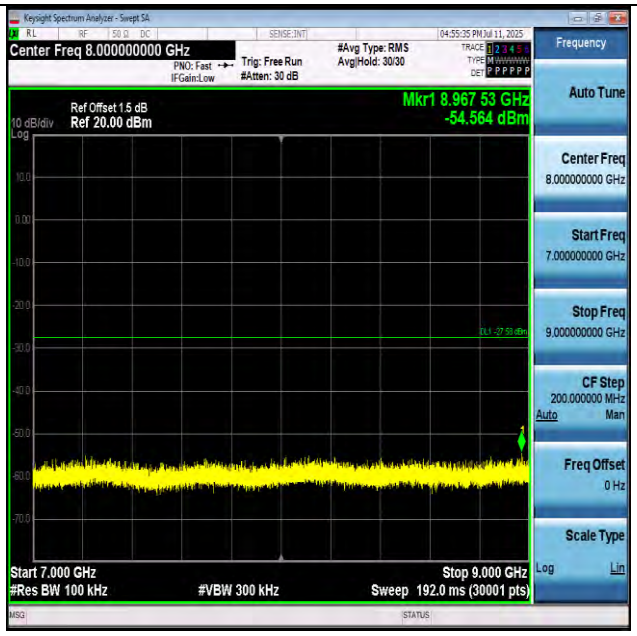
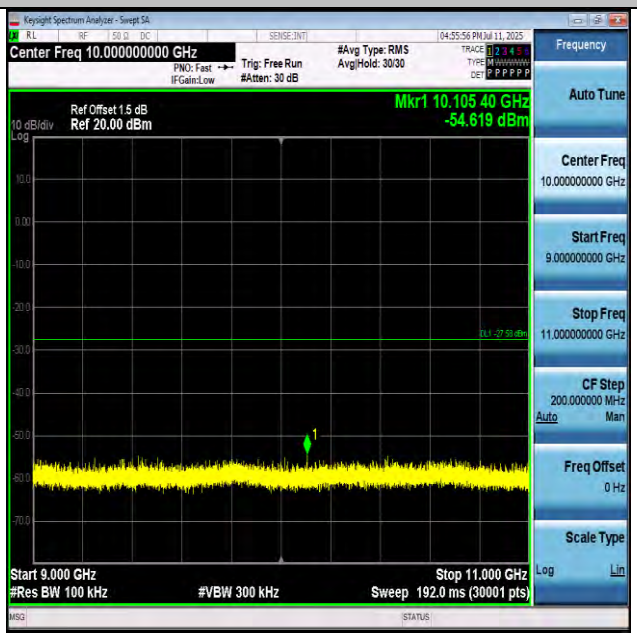
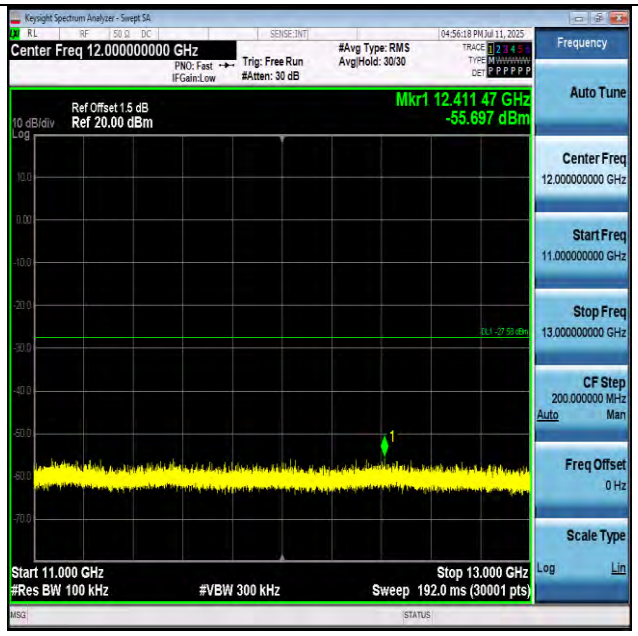


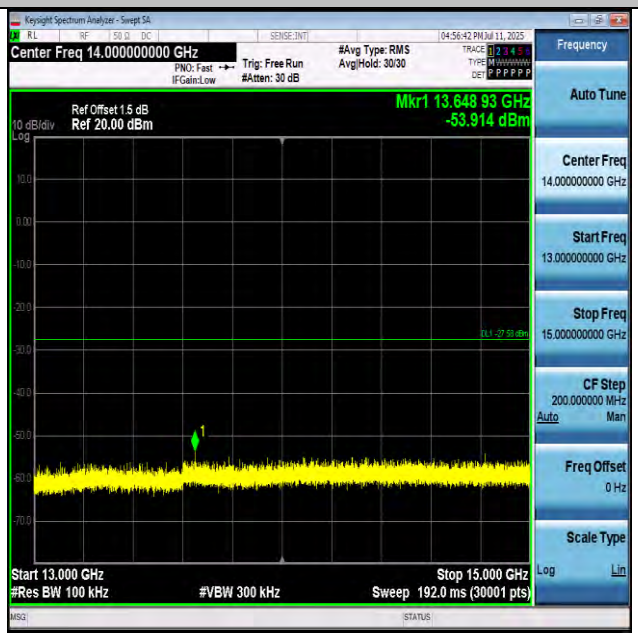
11AX40-2437-7000~9000-PASS



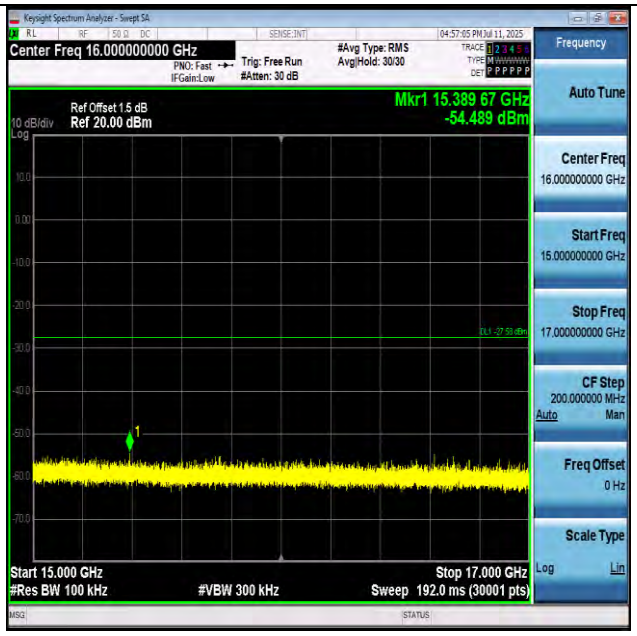
11AX40-2437-9000~11000-PASS



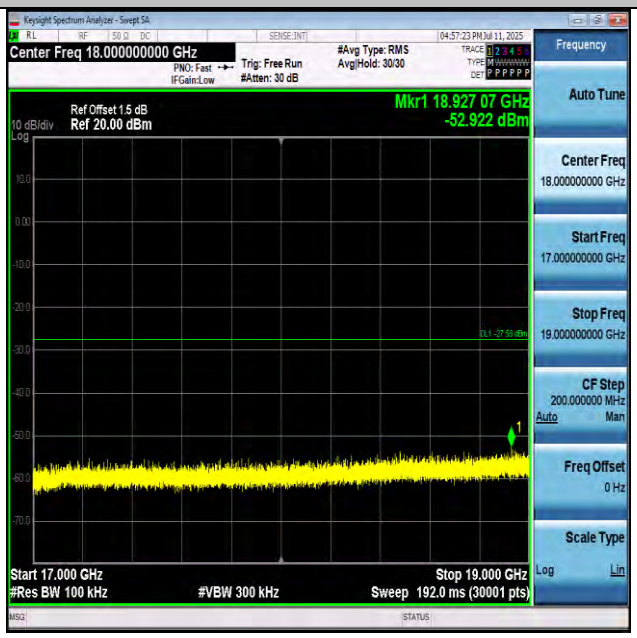
11AX40-2437-11000~13000-PASS



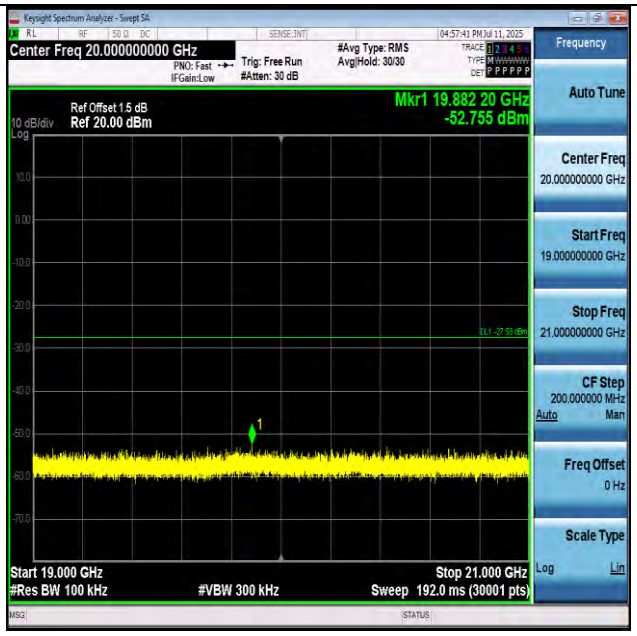
11AX40-2437-13000~15000-PASS



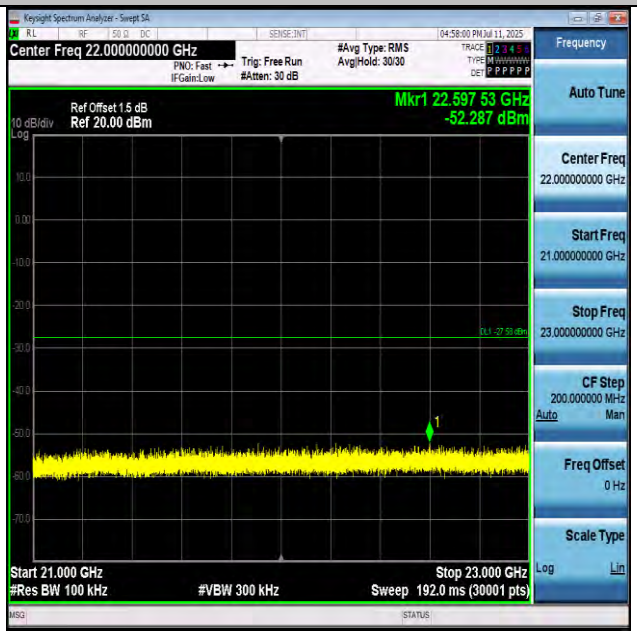
11AX40-2437-15000~17000-PASS



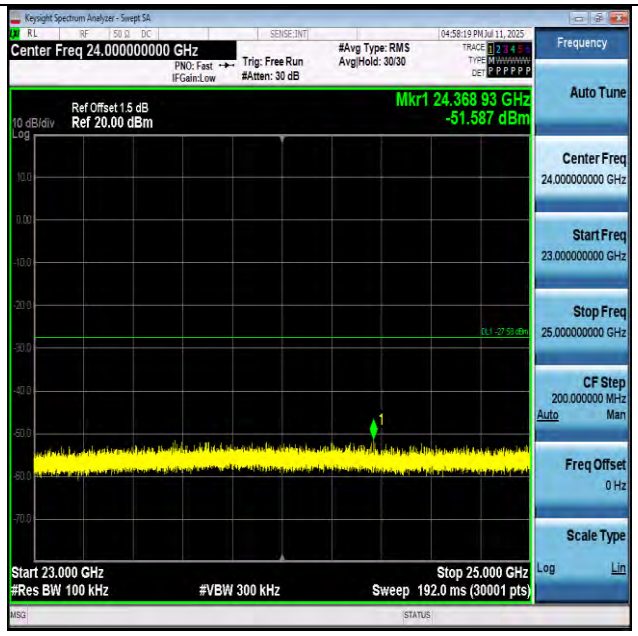
11AX40-2437-17000~19000-PASS



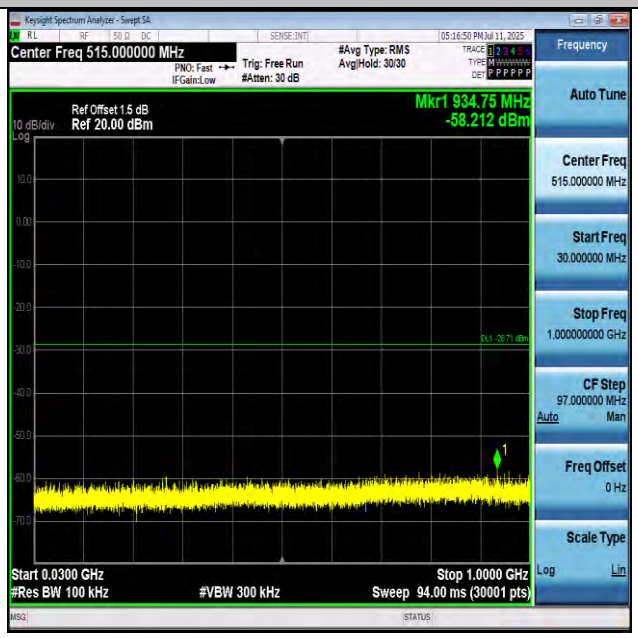
11AX40-2437-19000~21000-PASS



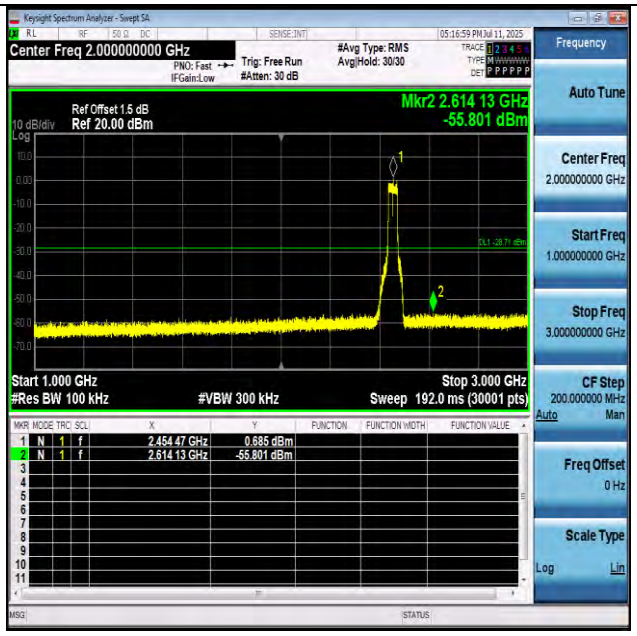
11AX40-2437-21000~23000-PASS



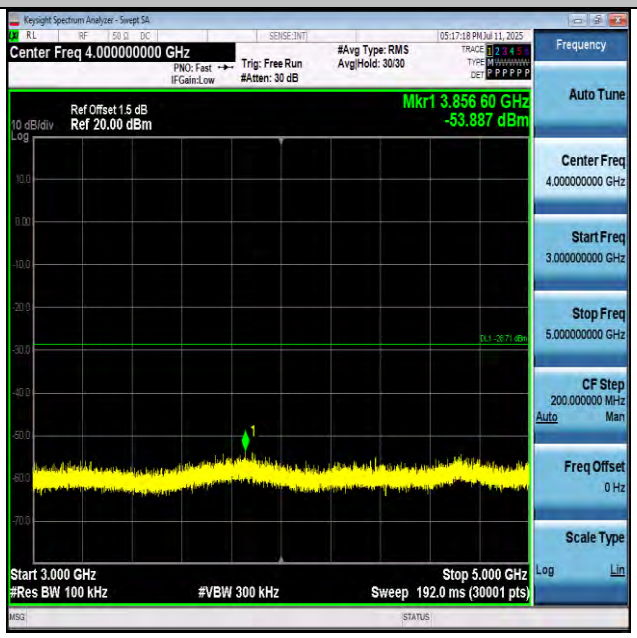
11AX40-2437-23000~25000-PASS



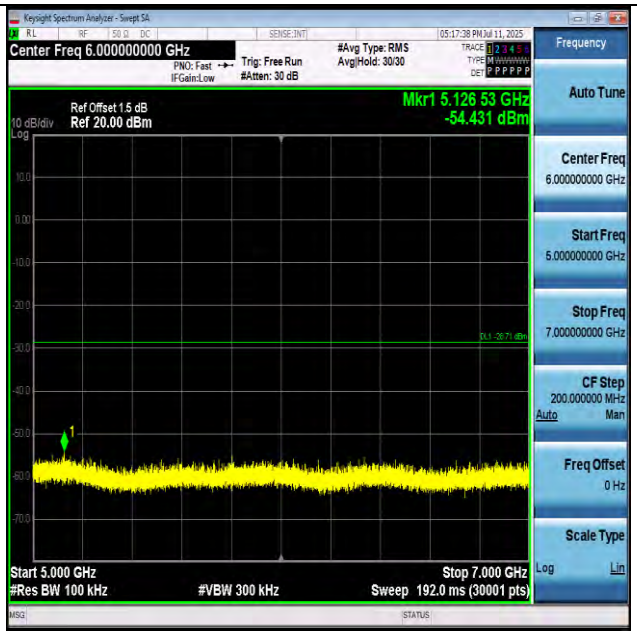
11AX40-2452-30~1000-PASS



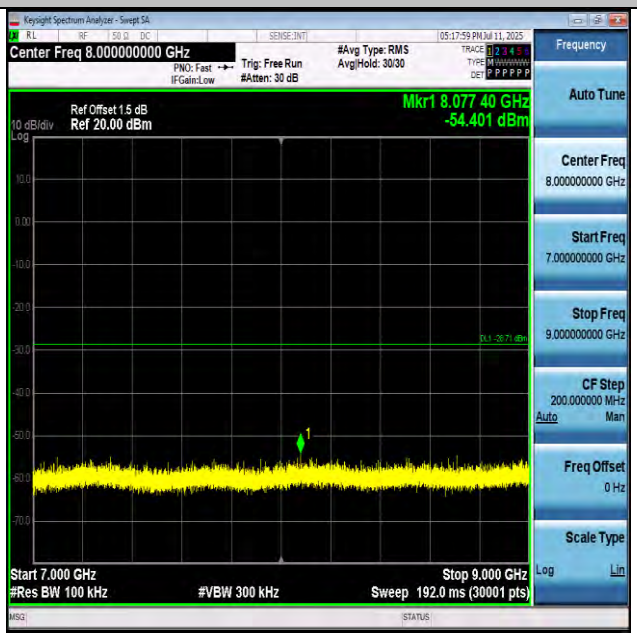
11AX40-2452-1000~3000-PASS



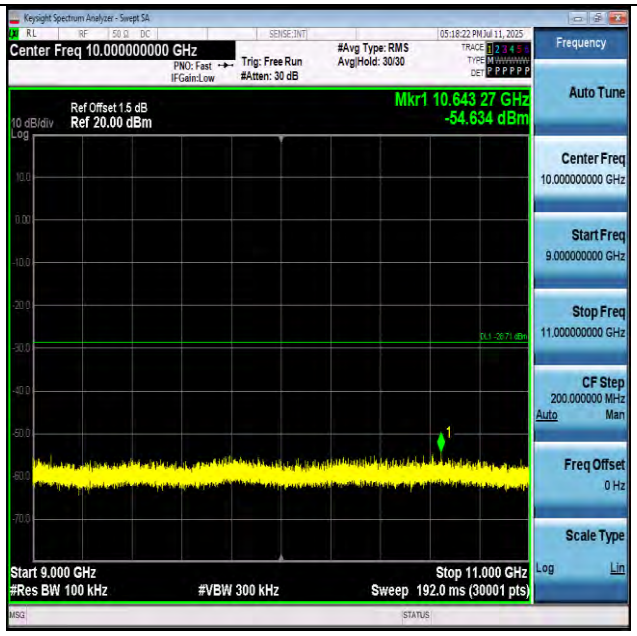
11AX40-2452-3000~5000-PASS



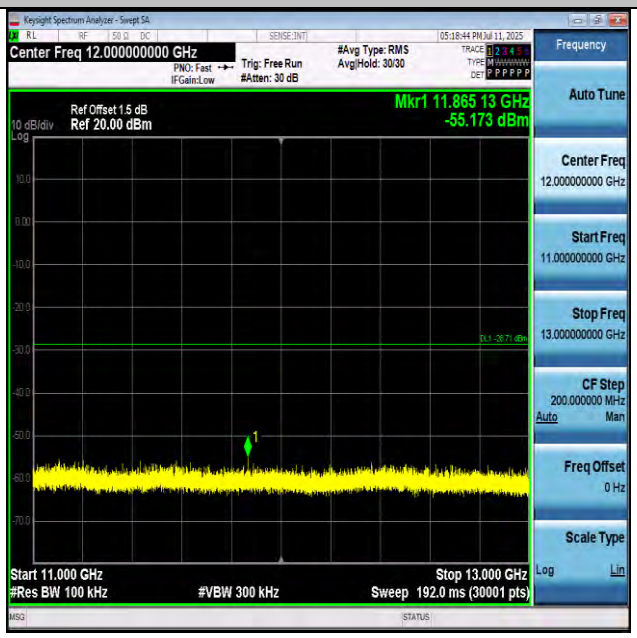
11AX40-2452-5000~7000-PASS



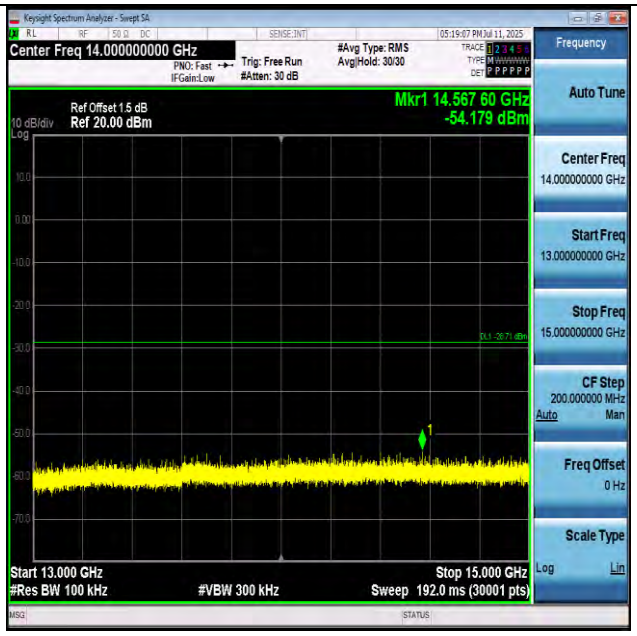
11AX40-2452-7000~9000-PASS



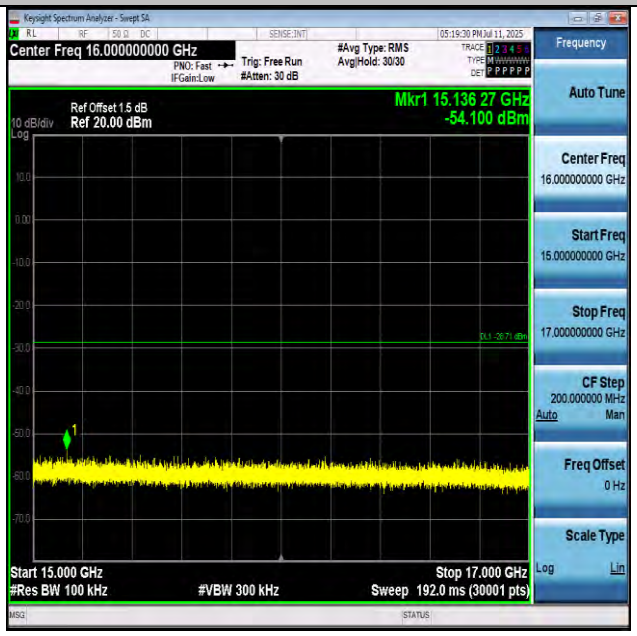
11AX40-2452-9000~11000-PASS



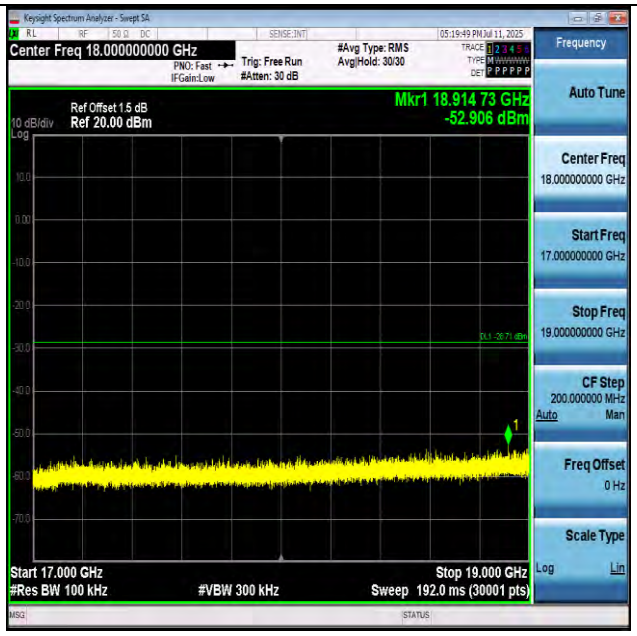
11AX40-2452-11000~13000-PASS



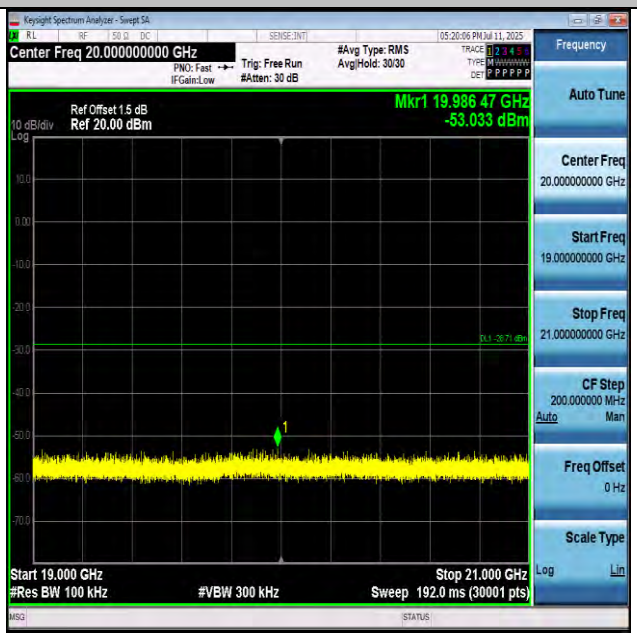
11AX40-2452-13000~15000-PASS



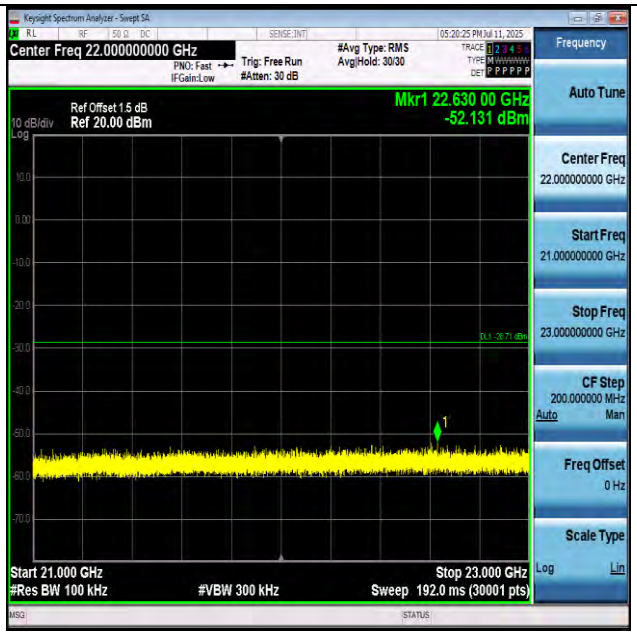
11AX40-2452-15000~17000-PASS



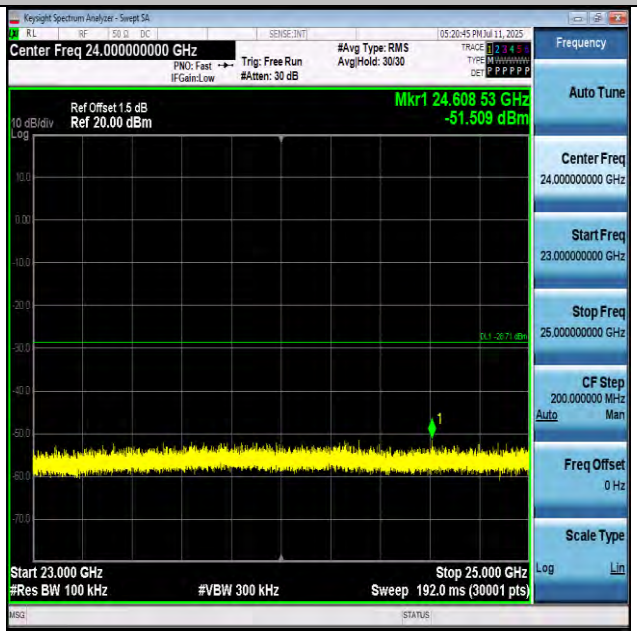
11AX40-2452-17000~19000-PASS



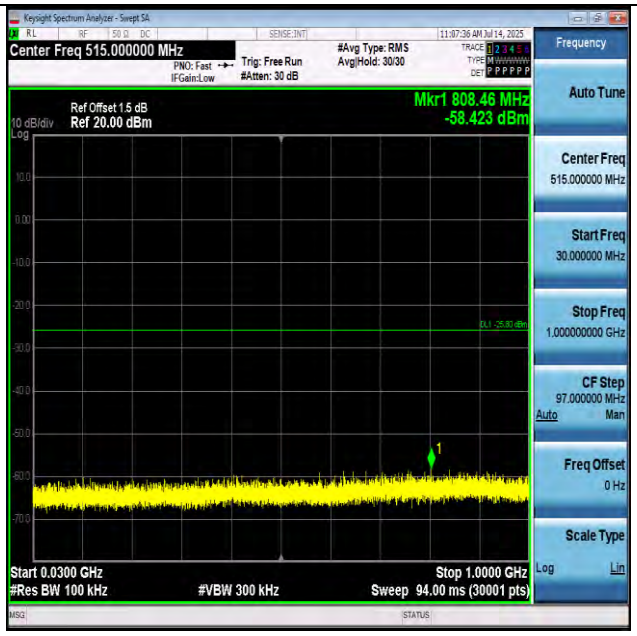
11AX40-2452-19000~21000-PASS



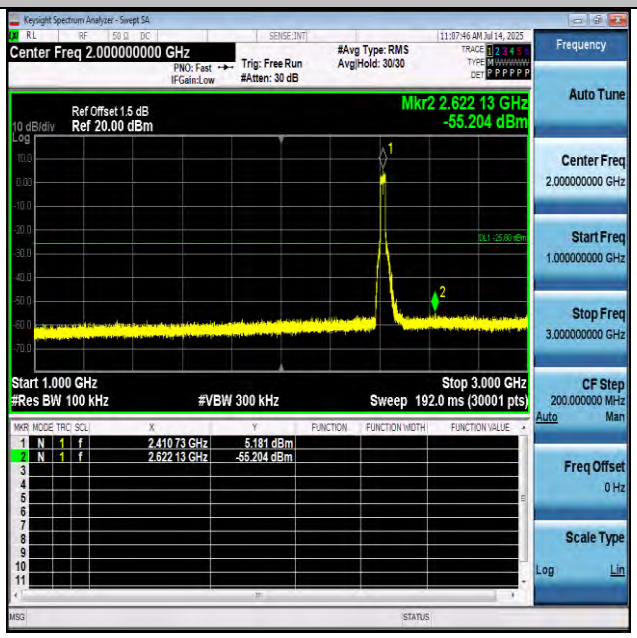
11AX40-2452-21000~23000-PASS



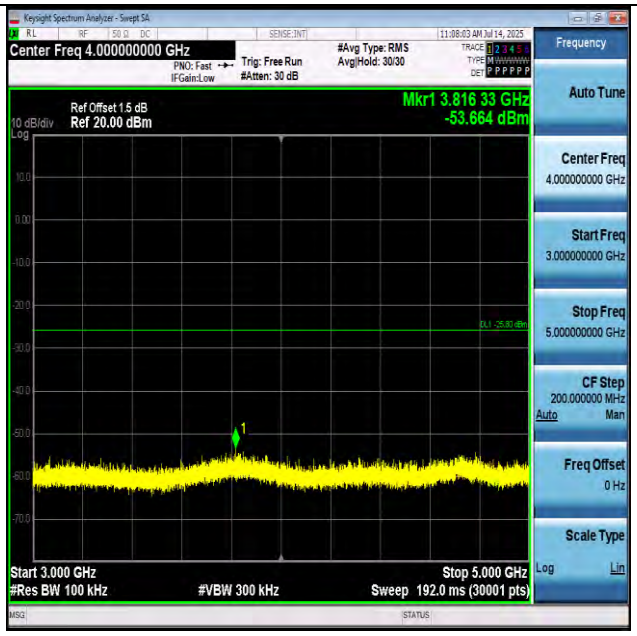
11AX40-2452-23000~25000-PASS



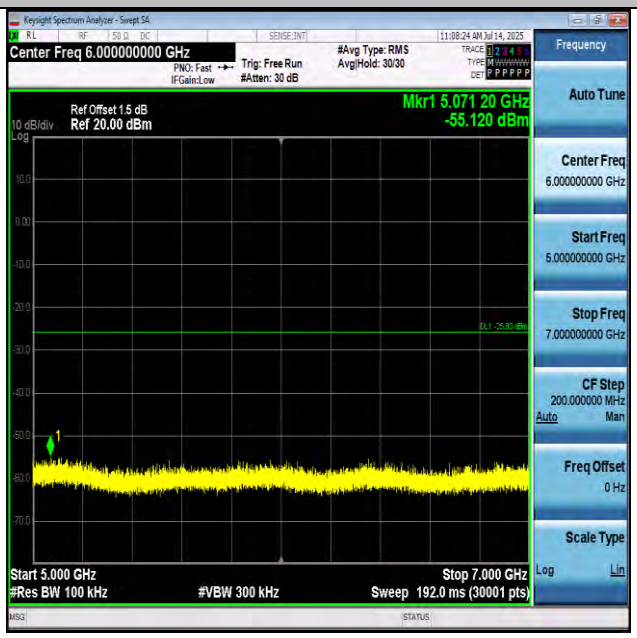
11BE20-2412-30~1000-PASS



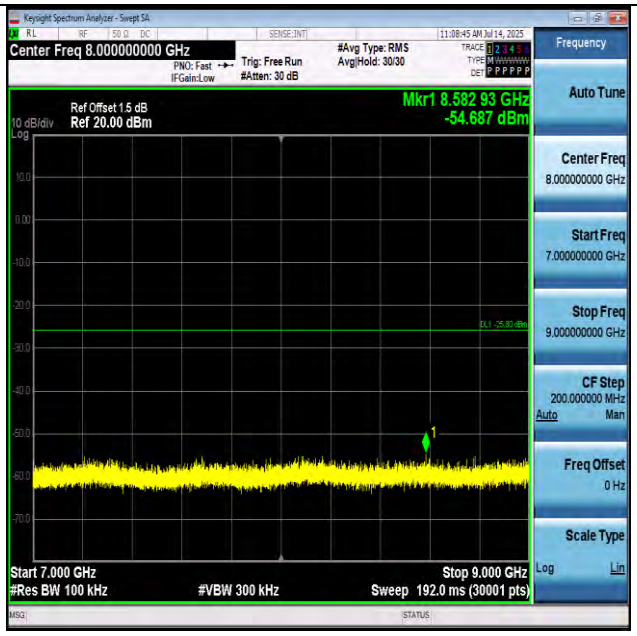
11BE20-2412-1000~3000-PASS



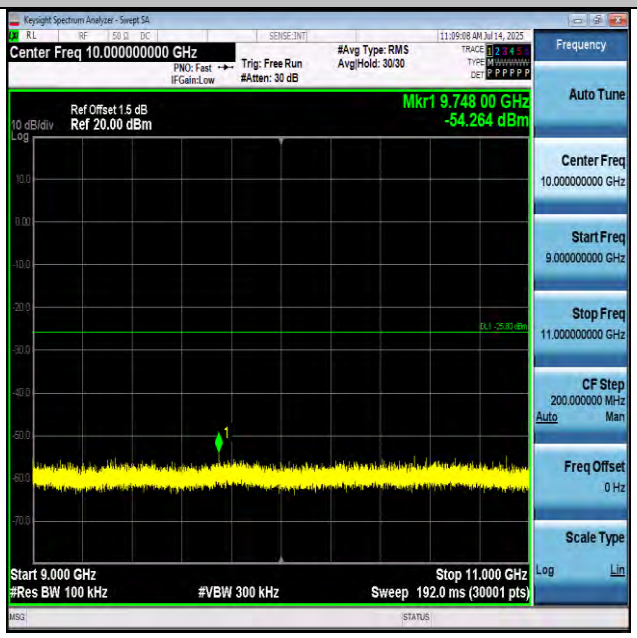
11BE20-2412-3000~5000-PASS



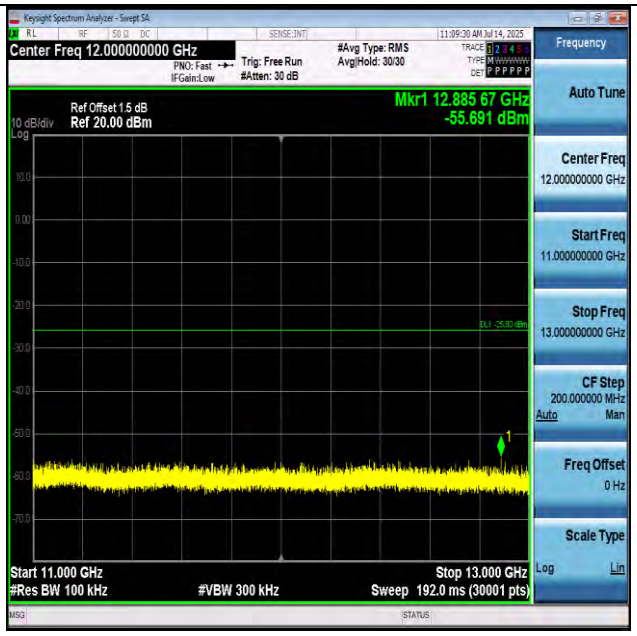
11BE20-2412-5000~7000-PASS



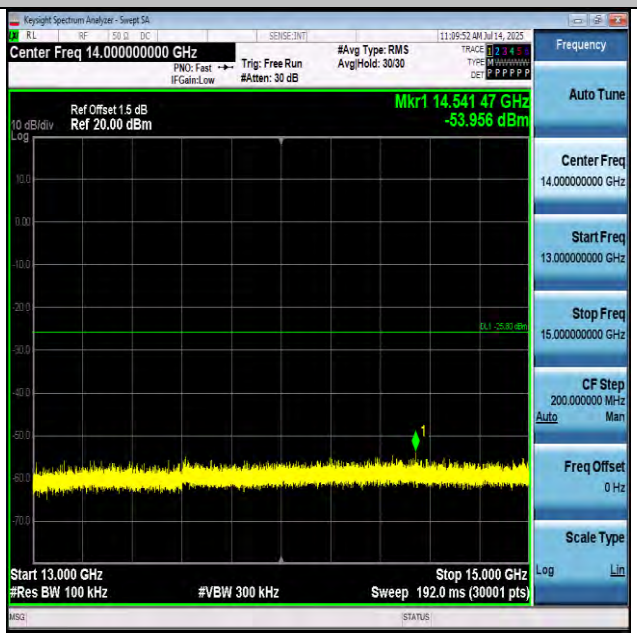
11BE20-2412-7000~9000-PASS



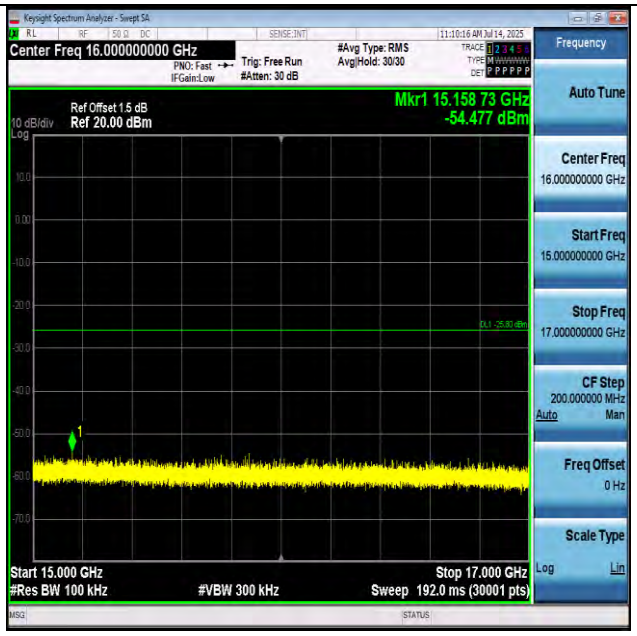
11BE20-2412-9000~11000-PASS



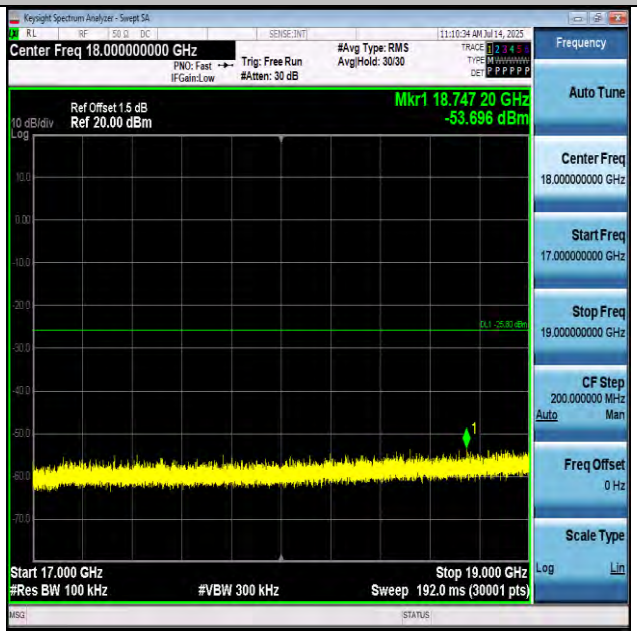
11BE20-2412-11000~13000-PASS



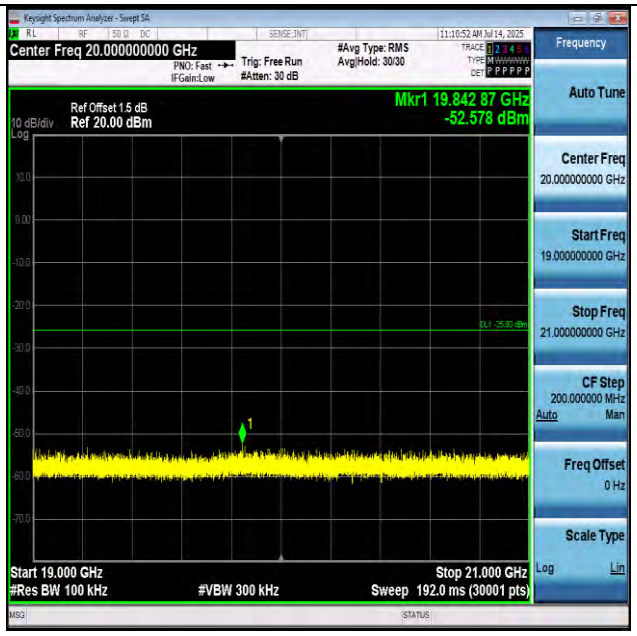
11BE20-2412-13000~15000-PASS



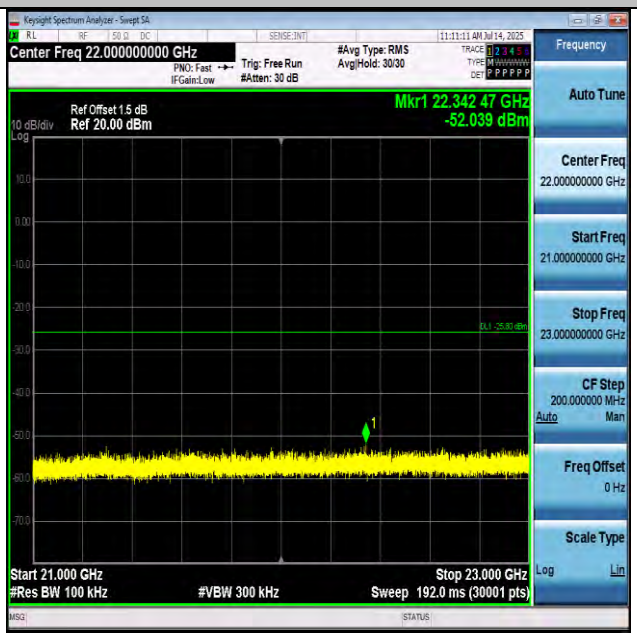
11BE20-2412-15000~17000-PASS



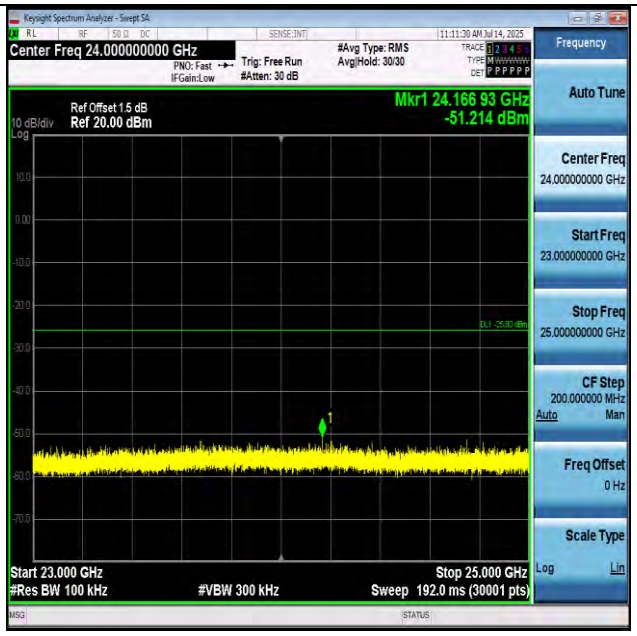
11BE20-2412-17000~19000-PASS



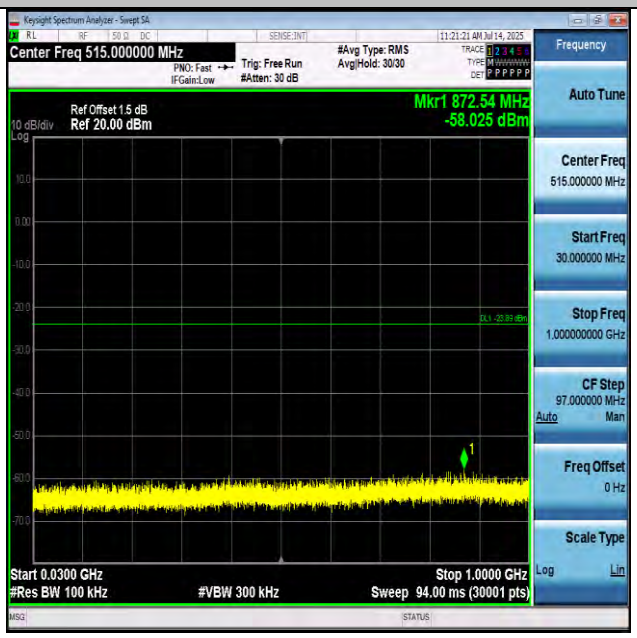
11BE20-2412-19000~21000-PASS



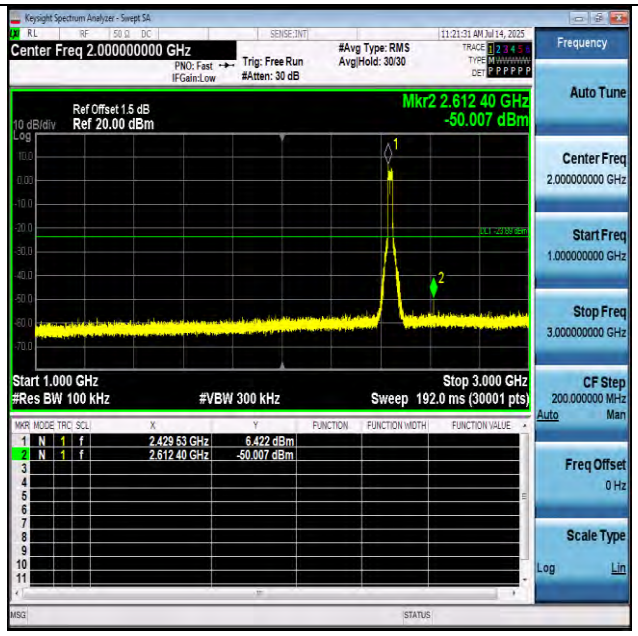
11BE20-2412-21000~23000-PASS



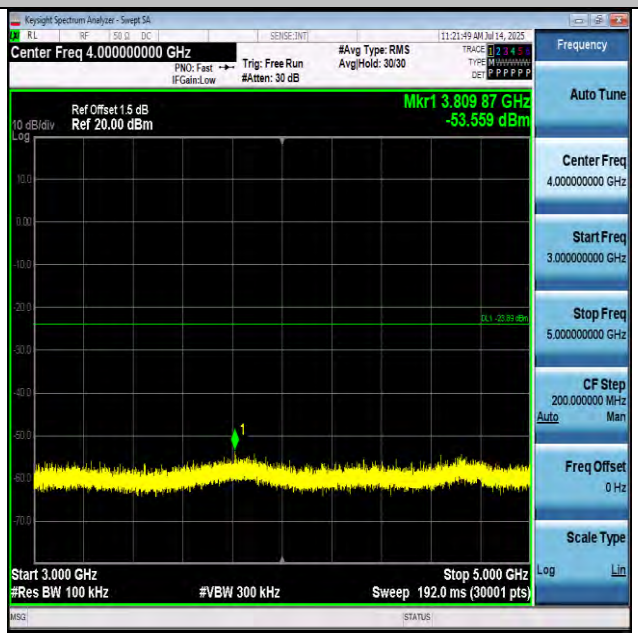
11BE20-2412-23000~25000-PASS



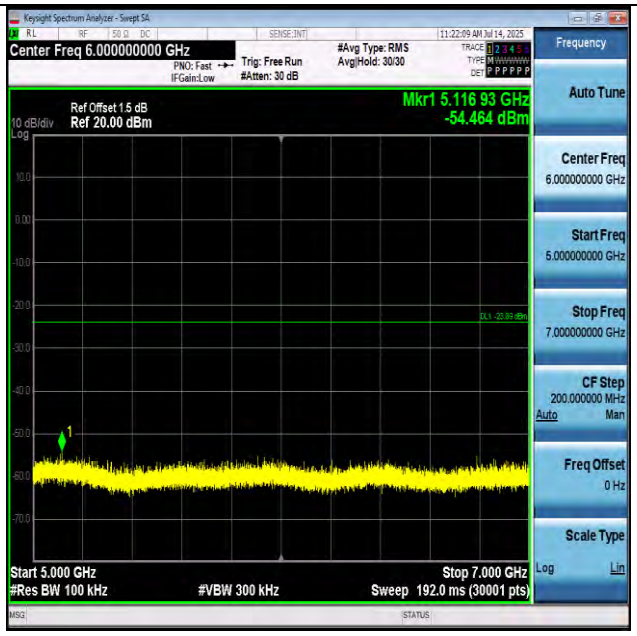
11BE20-2437-30~1000-PASS



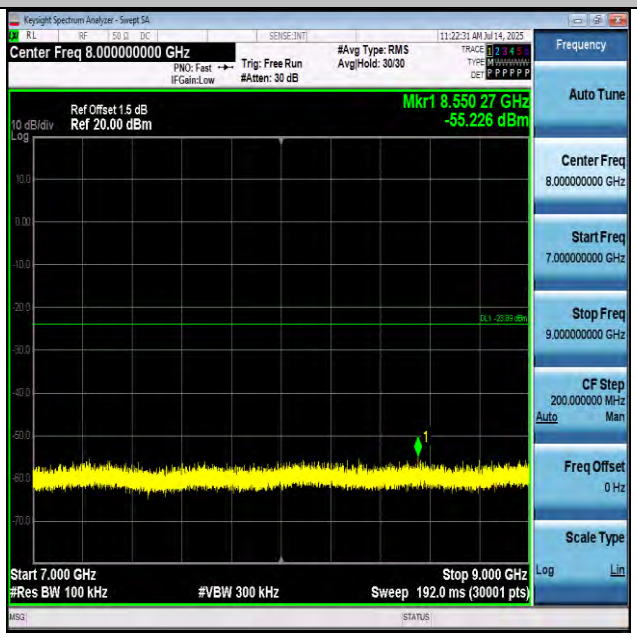
11BE20-2437-1000~3000-PASS



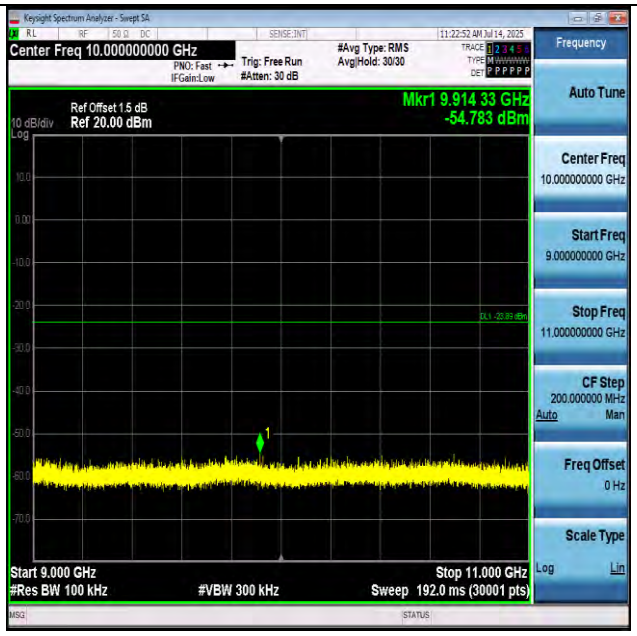
11BE20-2437-3000~5000-PASS



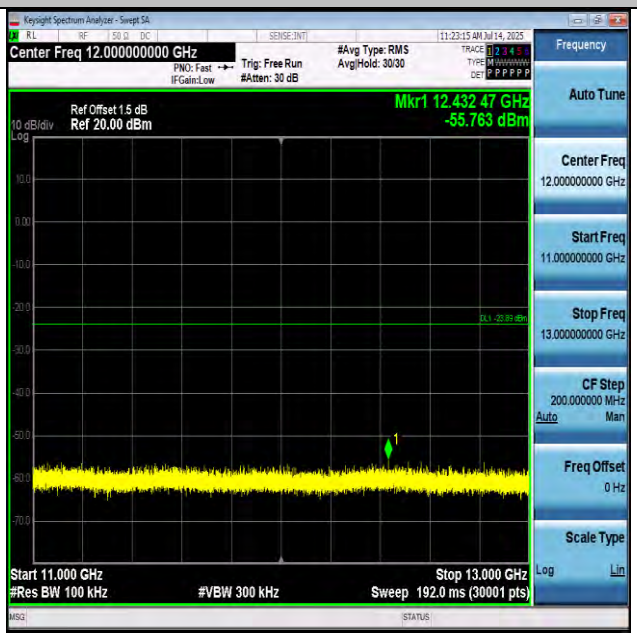
11BE20-2437-5000~7000-PASS



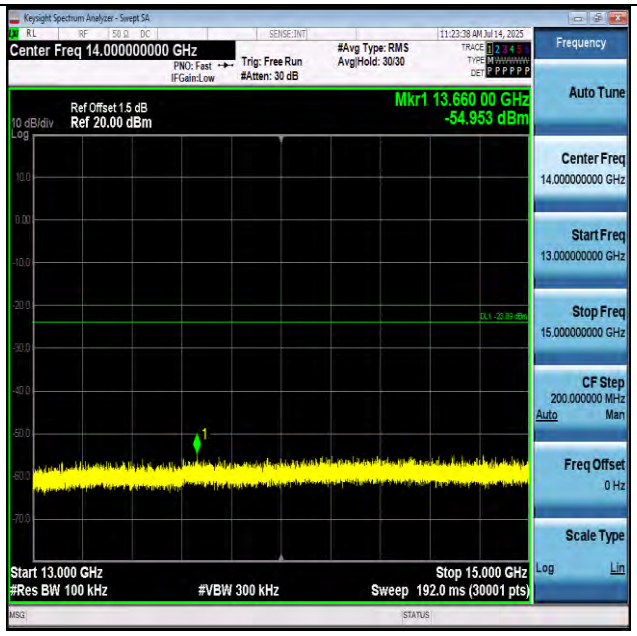
11BE20-2437-7000~9000-PASS



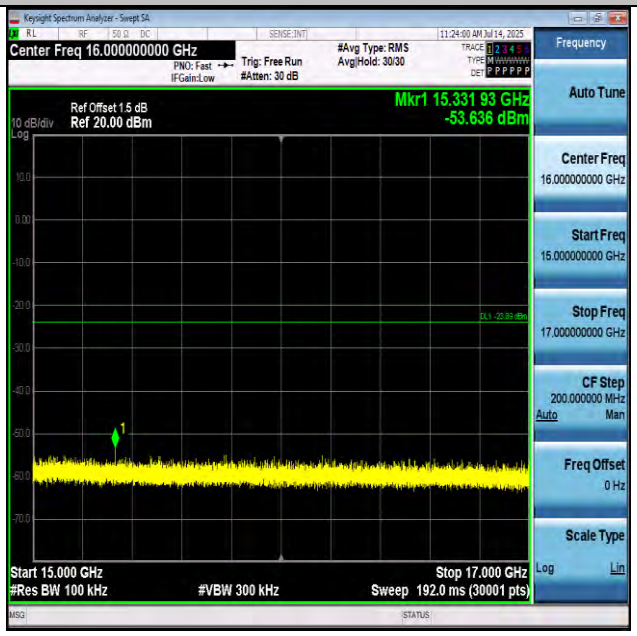
11BE20-2437-9000~11000-PASS



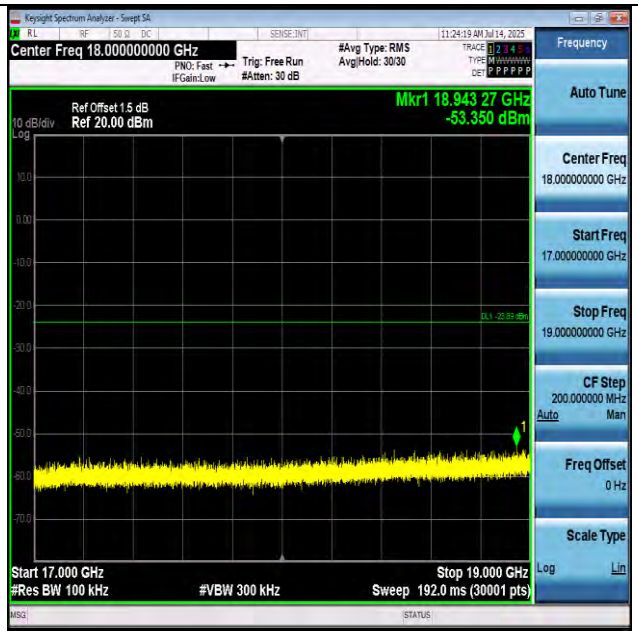
11BE20-2437-11000~13000-PASS



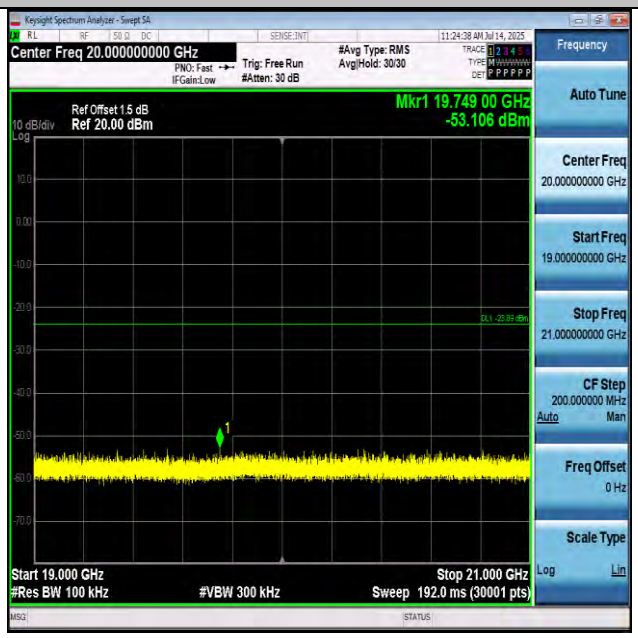
11BE20-2437-13000~15000-PASS



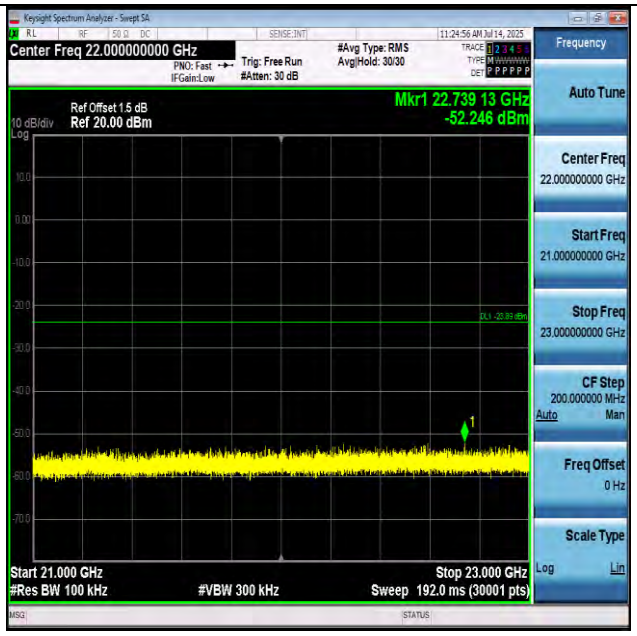
11BE20-2437-15000~17000-PASS



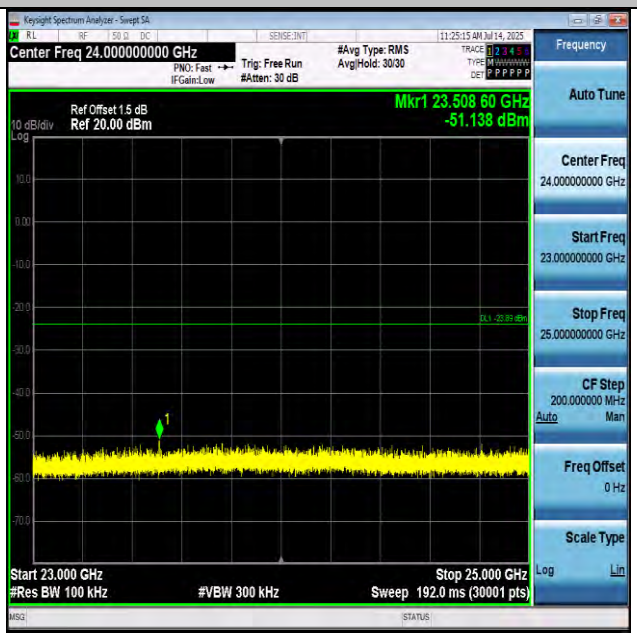
11BE20-2437-17000~19000-PASS



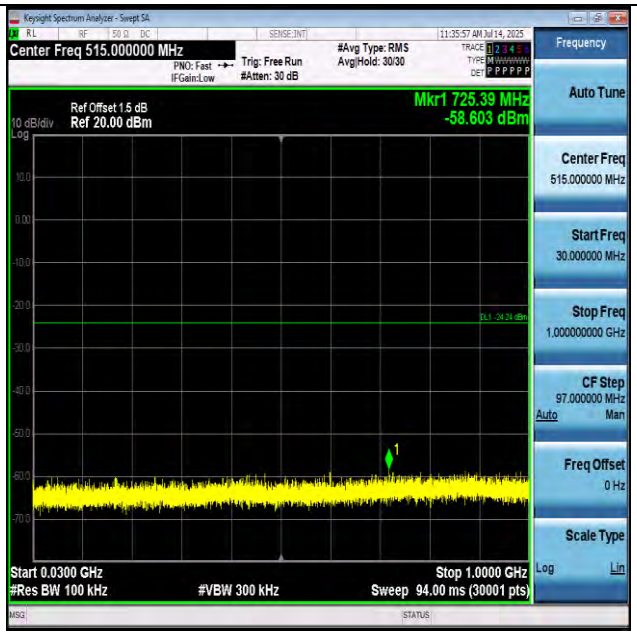
11BE20-2437-19000~21000-PASS



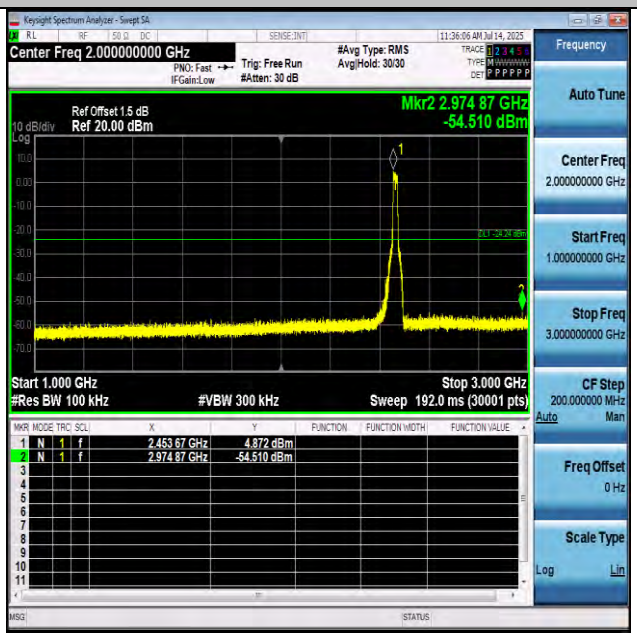
11BE20-2437-21000~23000-PASS



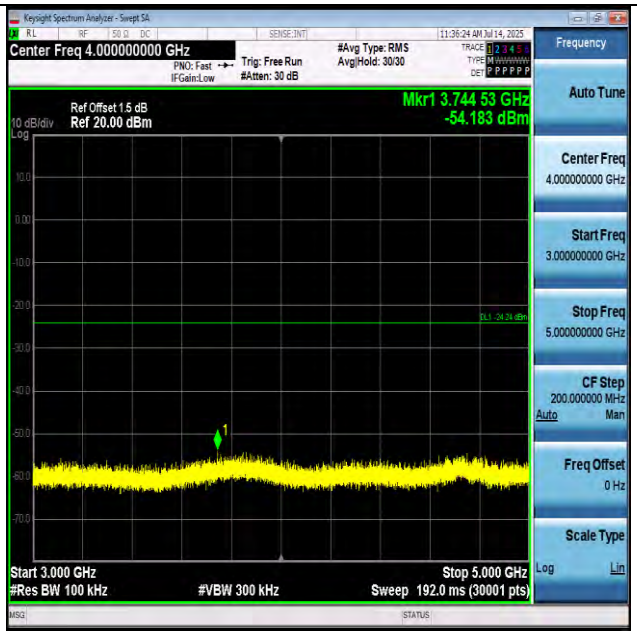
11BE20-2437-23000~25000-PASS



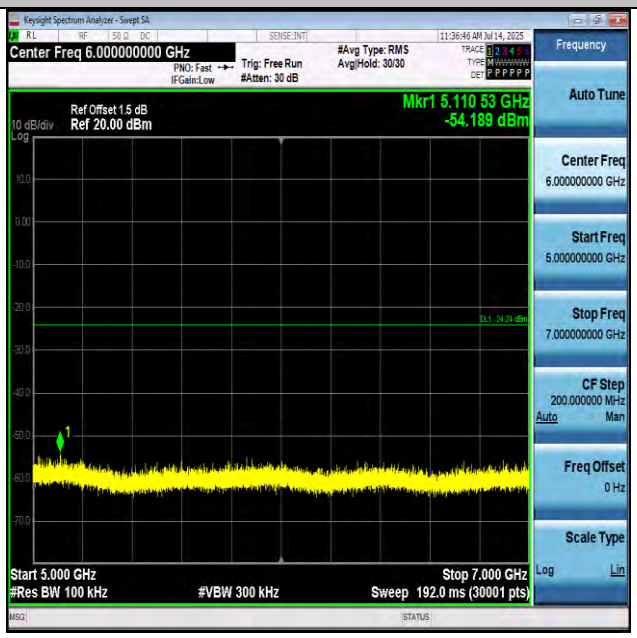
11BE20-2462-30~1000-PASS



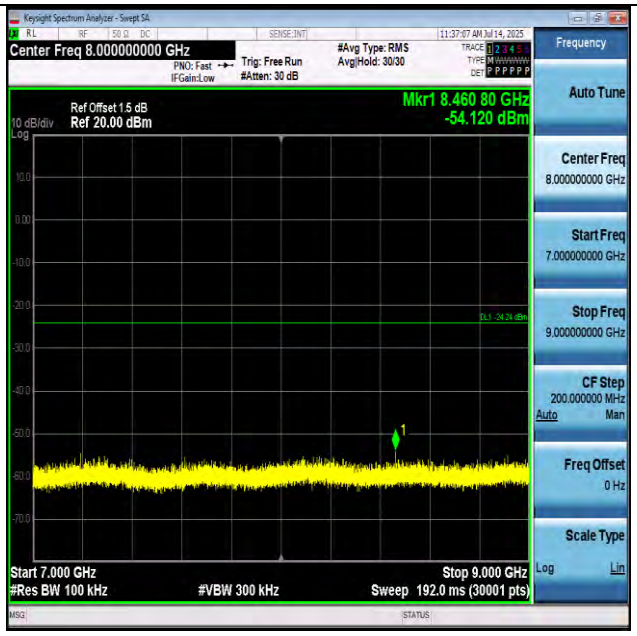
11BE20-2462-1000~3000-PASS



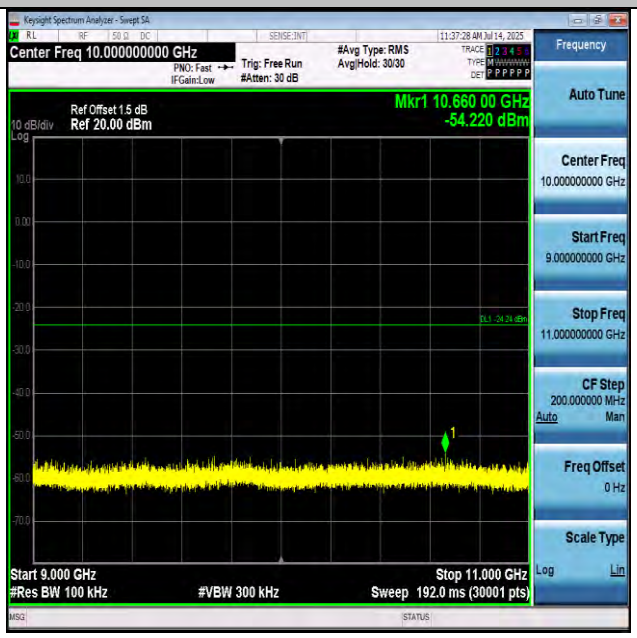
11BE20-2462-3000~5000-PASS



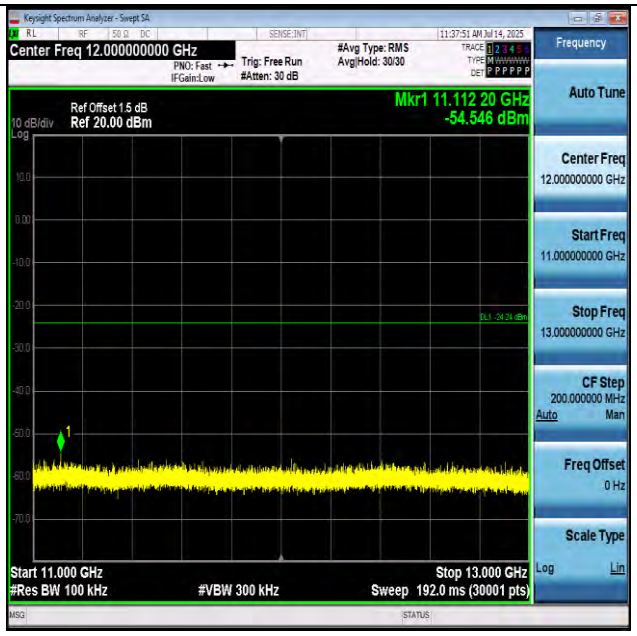
11BE20-2462-5000~7000-PASS



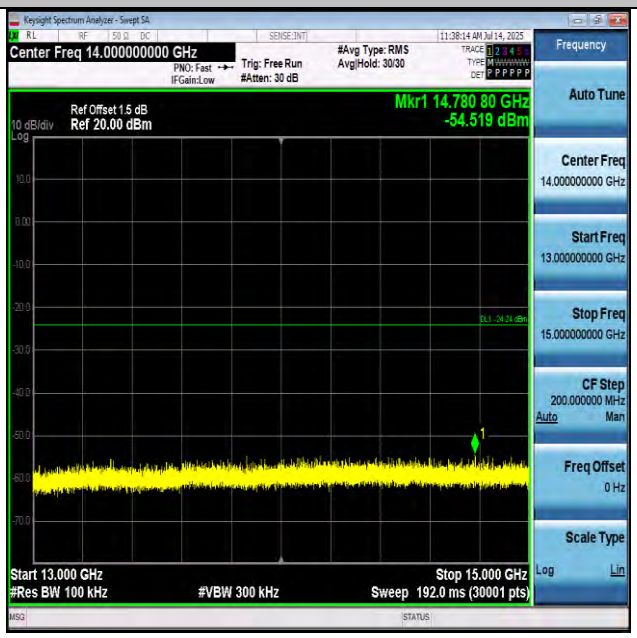
11BE20-2462-7000~9000-PASS



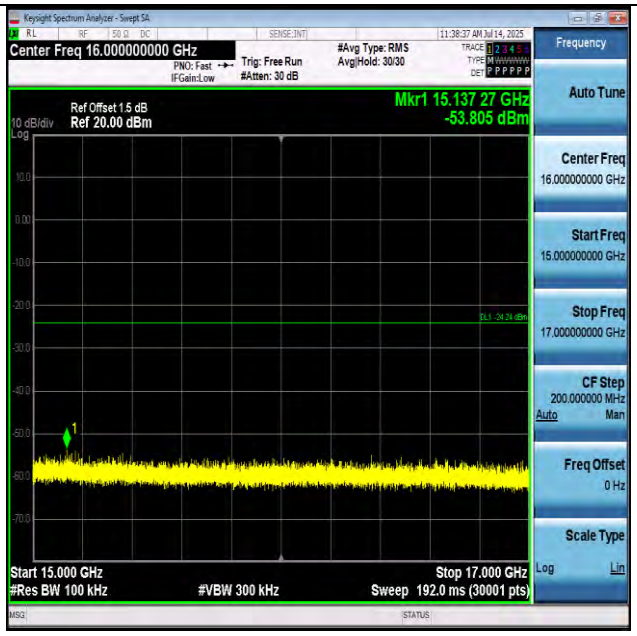
11BE20-2462-9000~11000-PASS



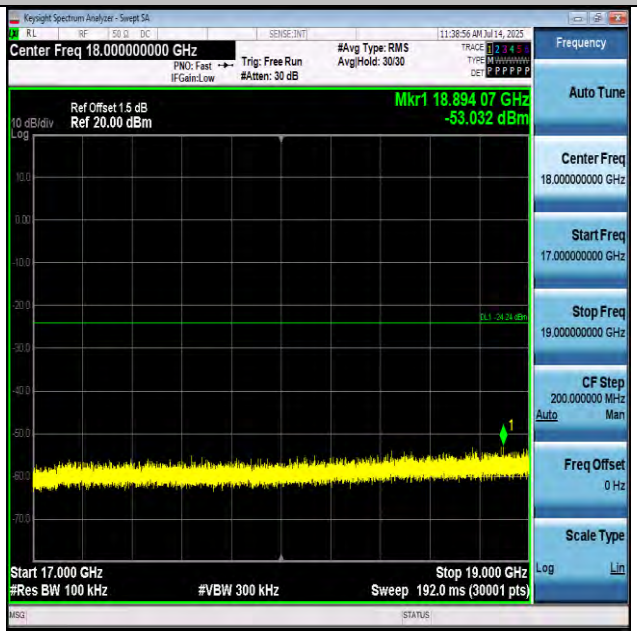
11BE20-2462-11000~13000-PASS



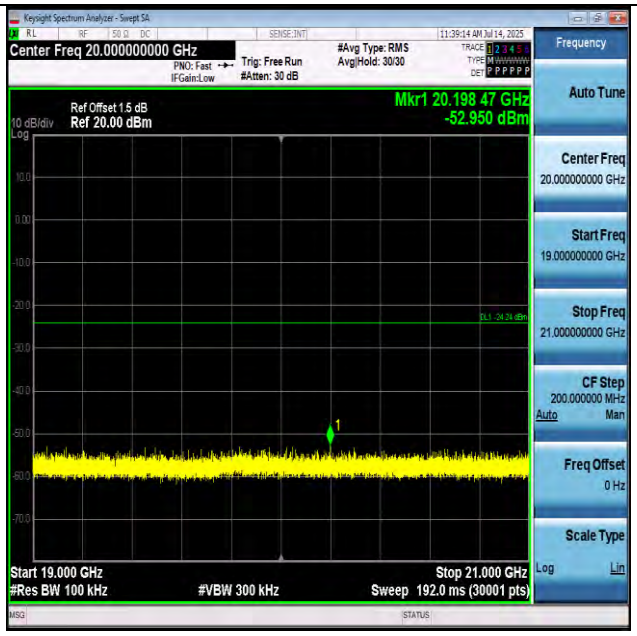
11BE20-2462-13000~15000-PASS



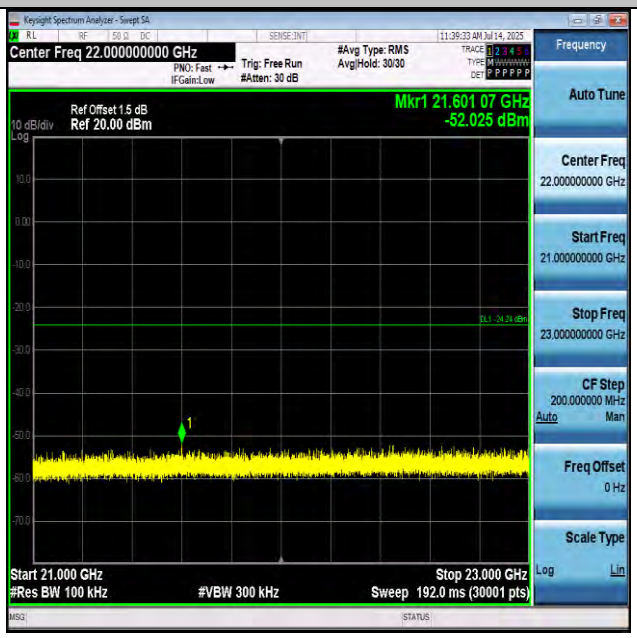
11BE20-2462-15000~17000-PASS



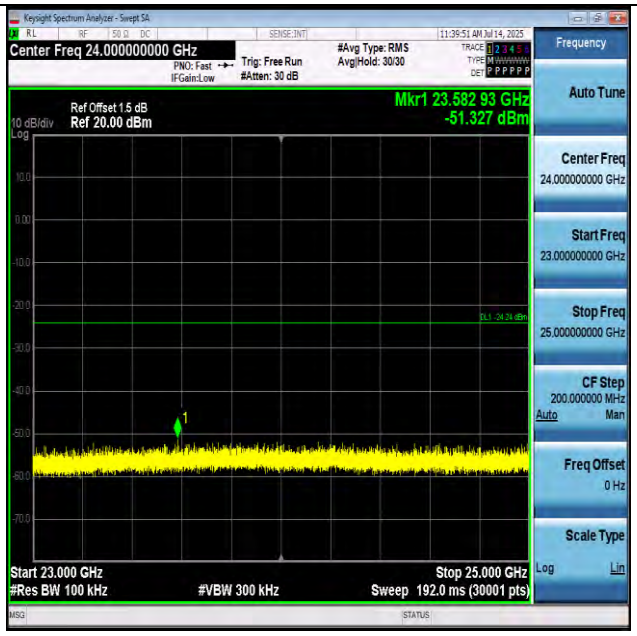
11BE20-2462-17000~19000-PASS



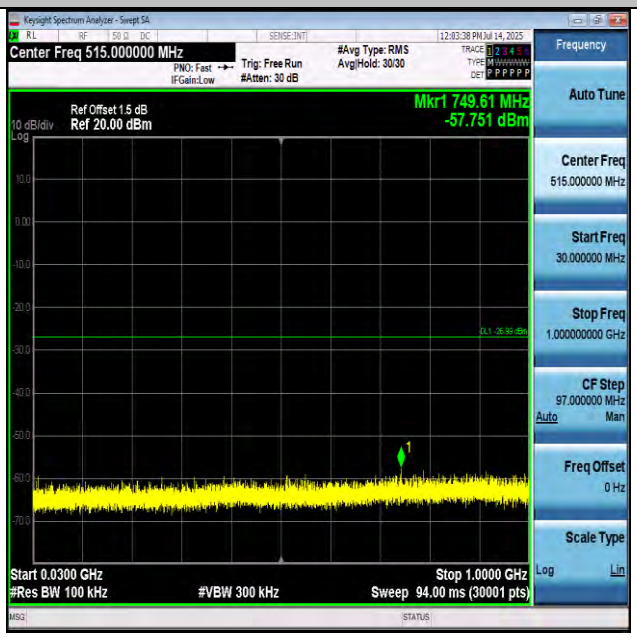
11BE20-2462-19000~21000-PASS



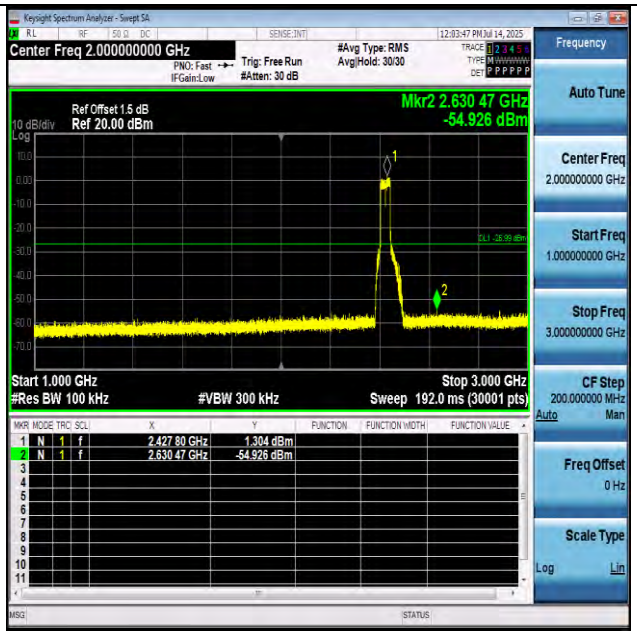
11BE20-2462-21000~23000-PASS



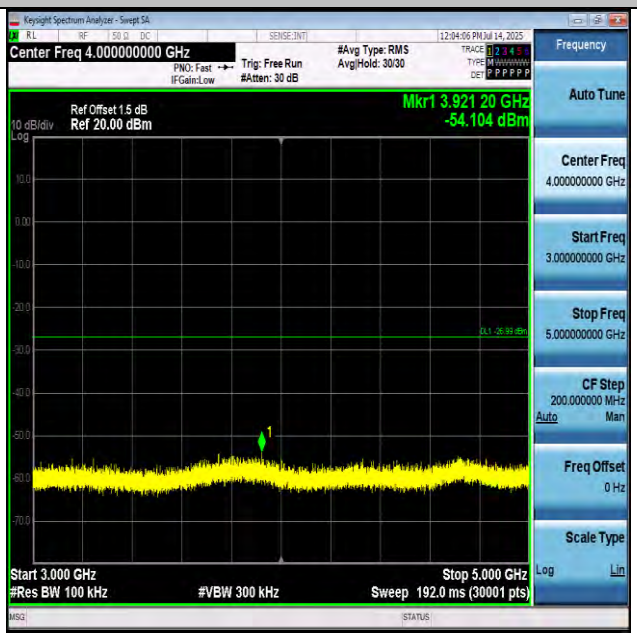
11BE20-2462-23000~25000-PASS



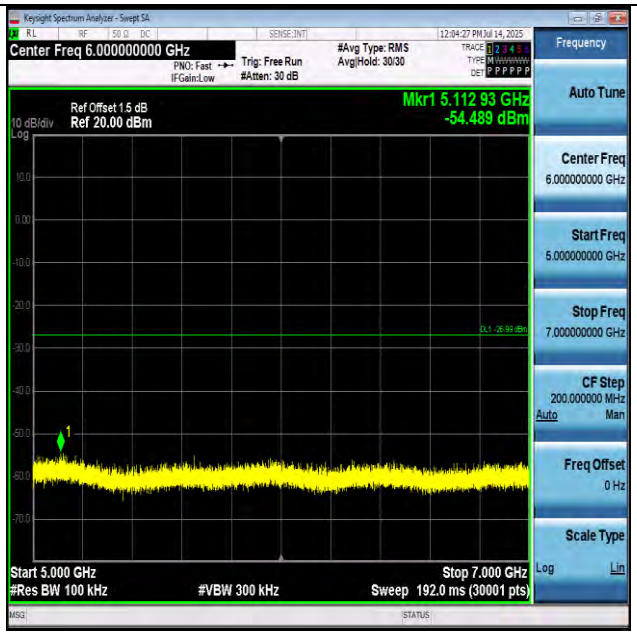
11BE40-2422-30~1000-PASS



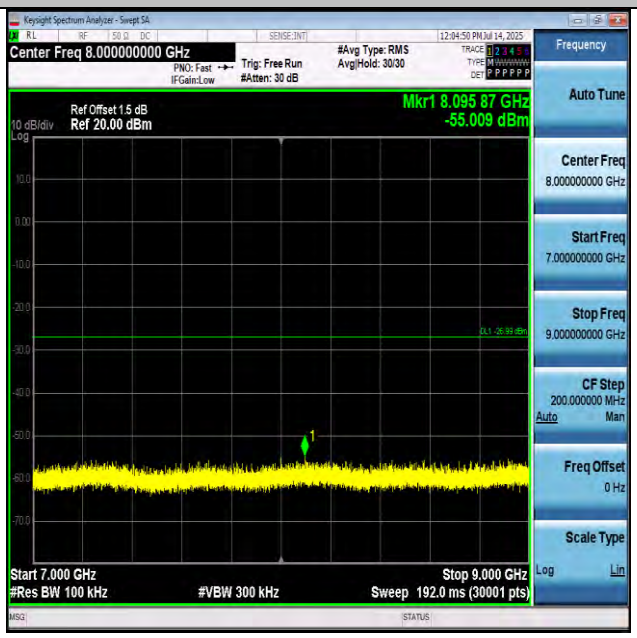
11BE40-2422-1000~3000-PASS



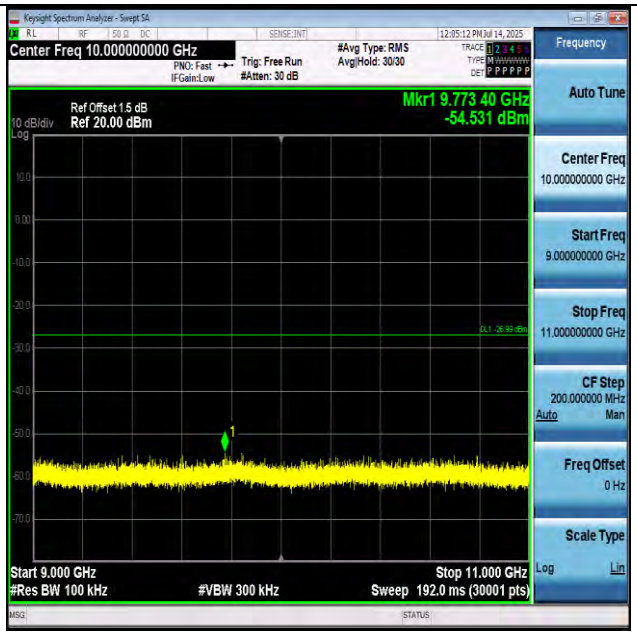
11BE40-2422-3000~5000-PASS



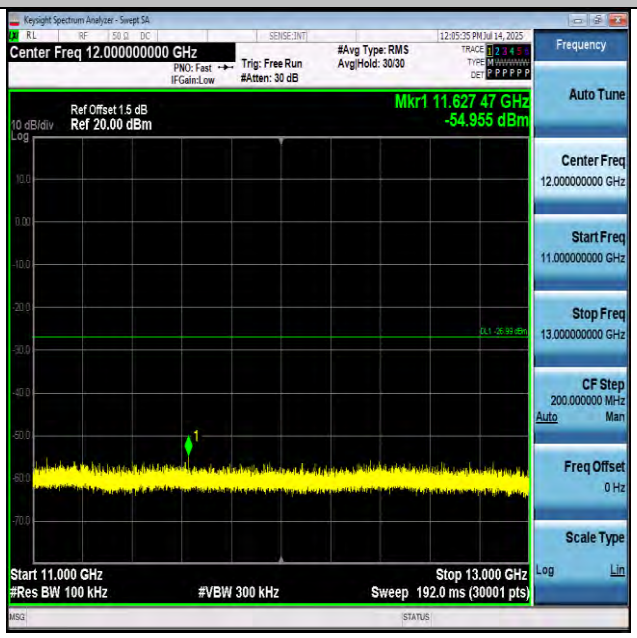
11BE40-2422-5000~7000-PASS



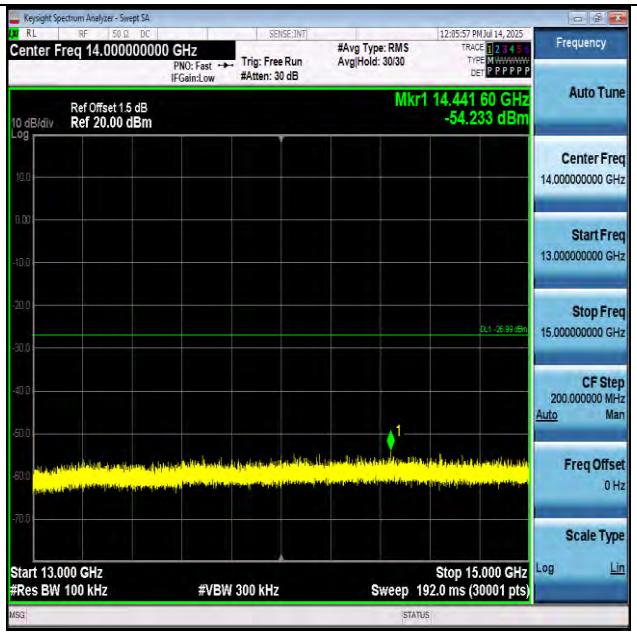
11BE40-2422-7000~9000-PASS



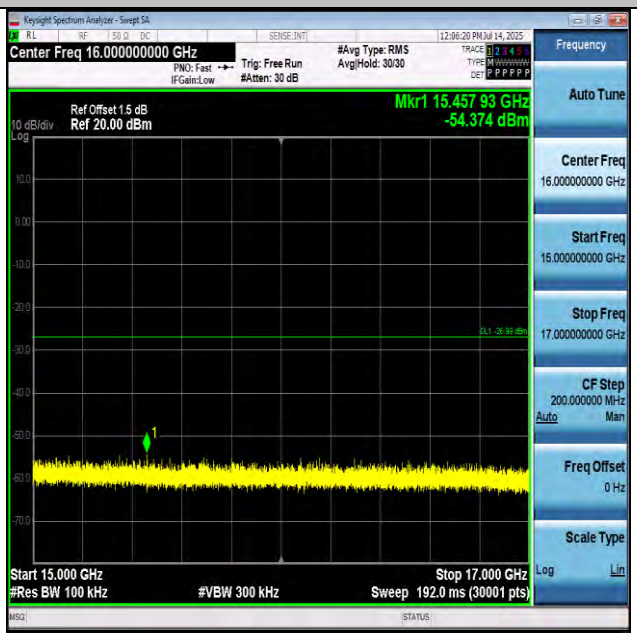
11BE40-2422-9000~11000-PASS



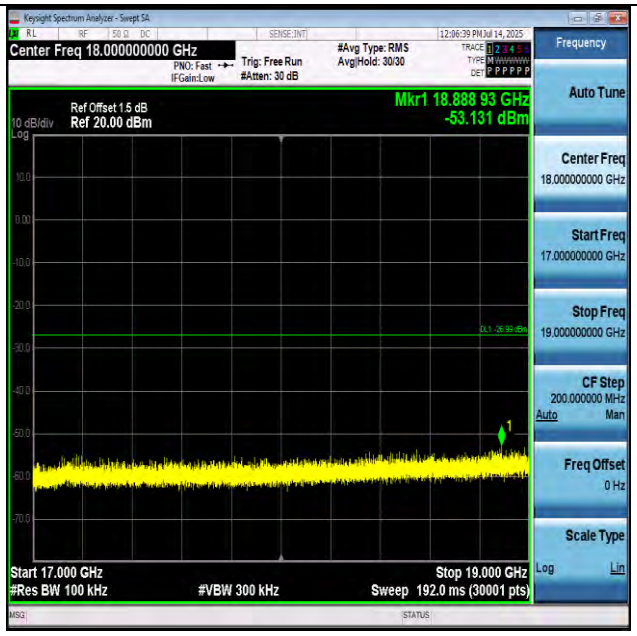
11BE40-2422-11000~13000-PASS



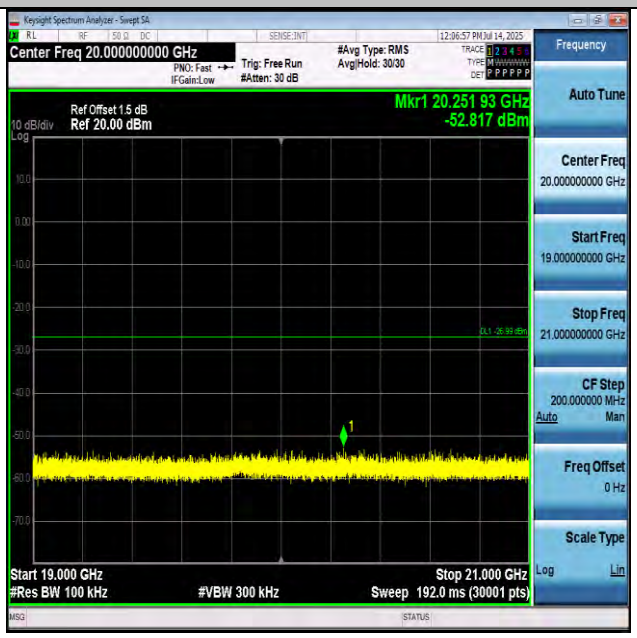
11BE40-2422-13000~15000-PASS



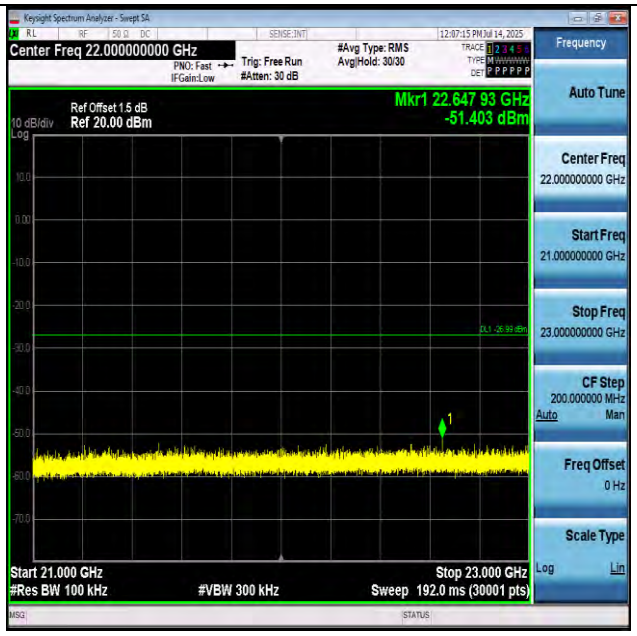
11BE40-2422-15000~17000-PASS



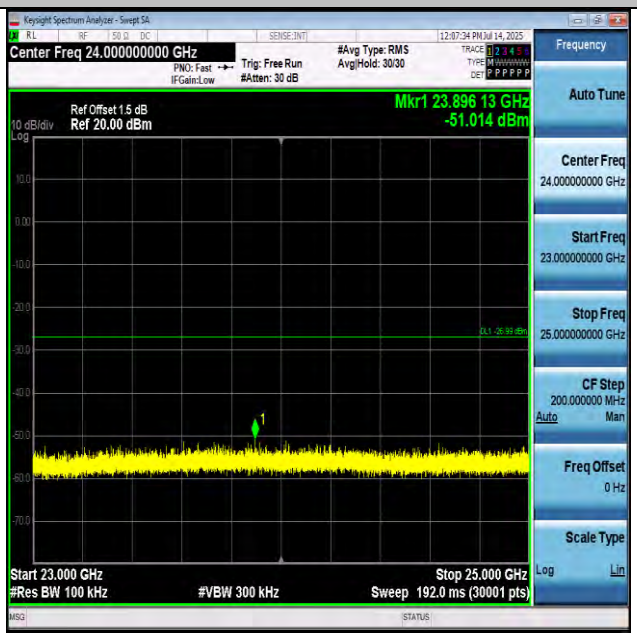
11BE40-2422-17000~19000-PASS



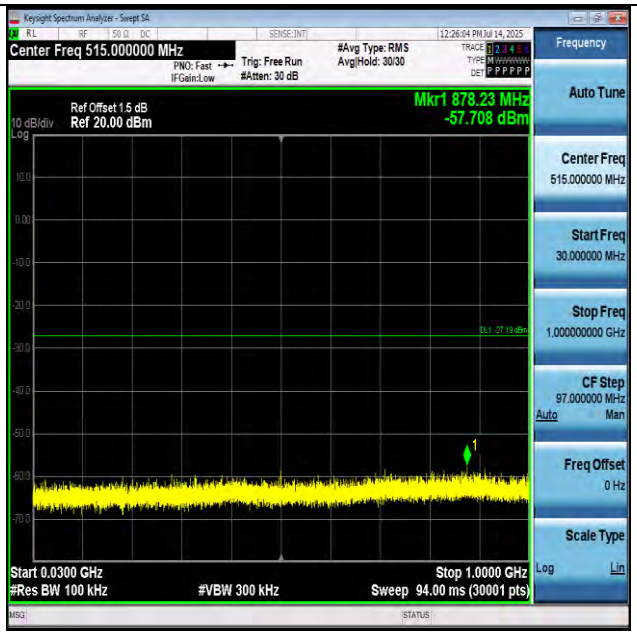
11BE40-2422-19000~21000-PASS



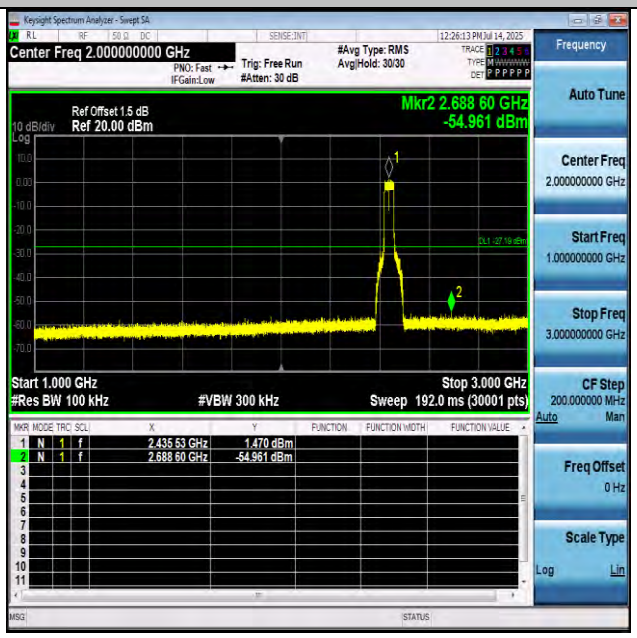
11BE40-2422-21000~23000-PASS



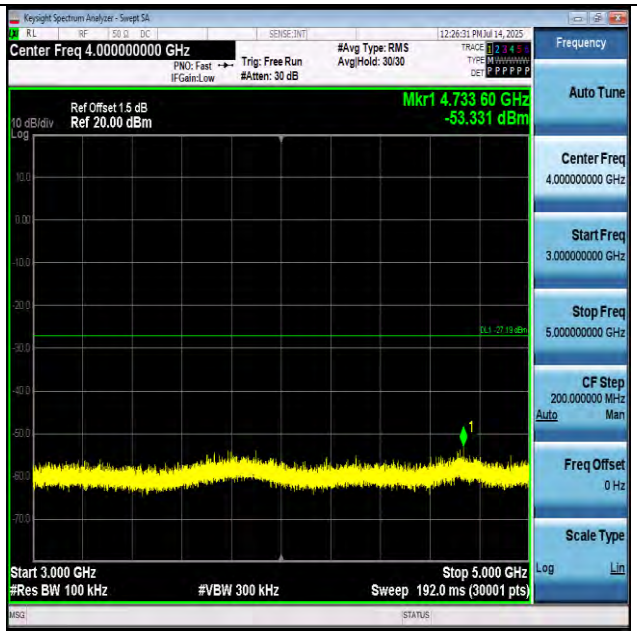
11BE40-2422-23000~25000-PASS



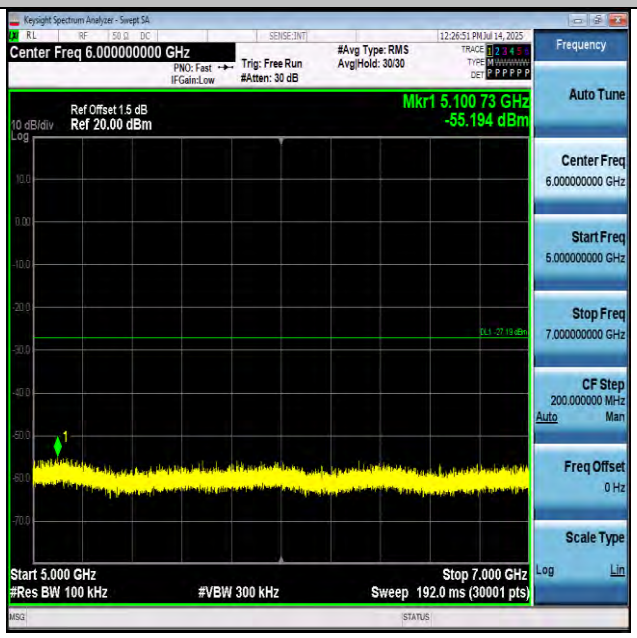
11BE40-2437-30~1000-PASS



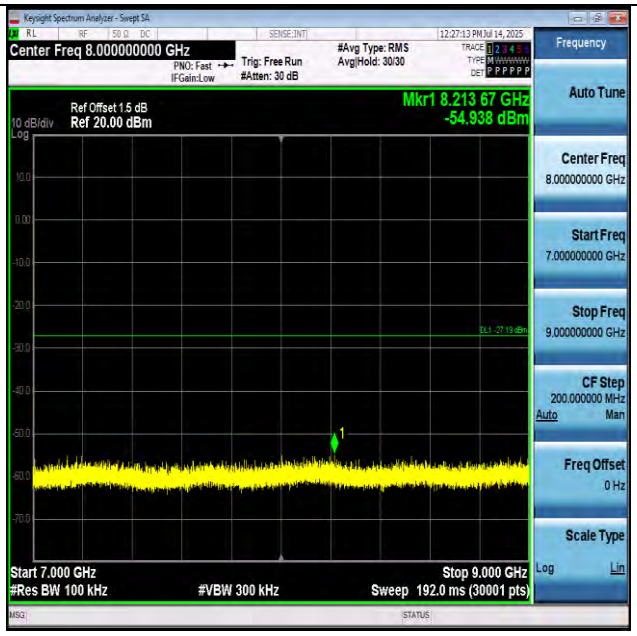
11BE40-2437-1000~3000-PASS



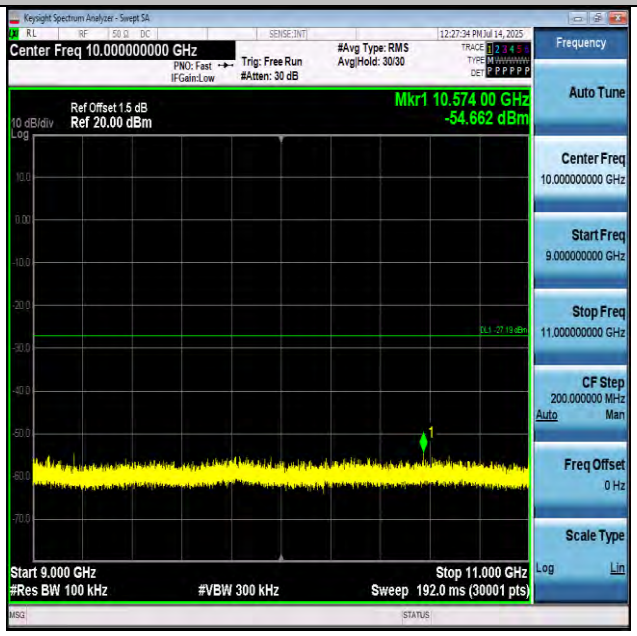
11BE40-2437-3000~5000-PASS



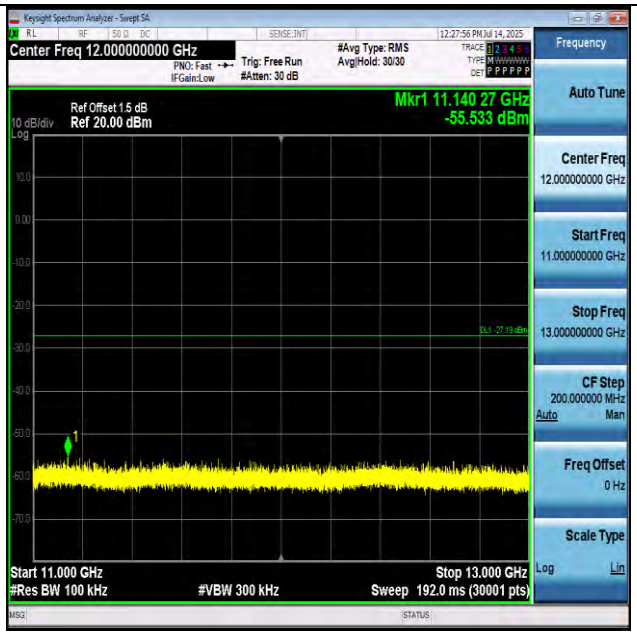
11BE40-2437-5000~7000-PASS



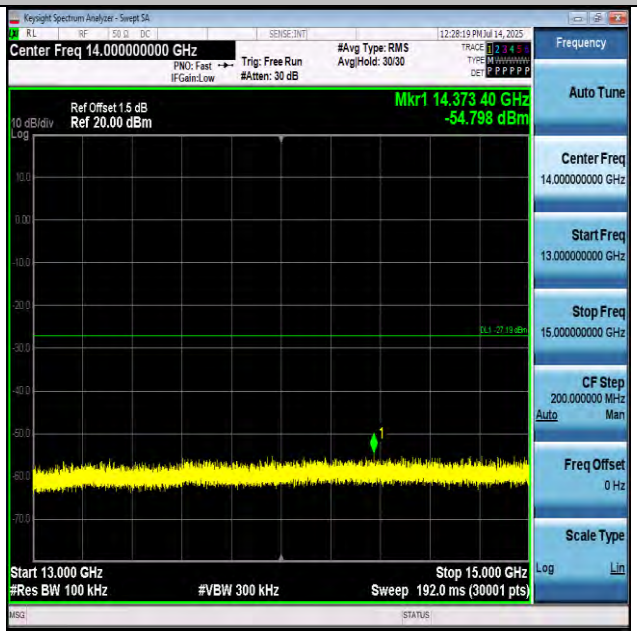
11BE40-2437-7000~9000-PASS



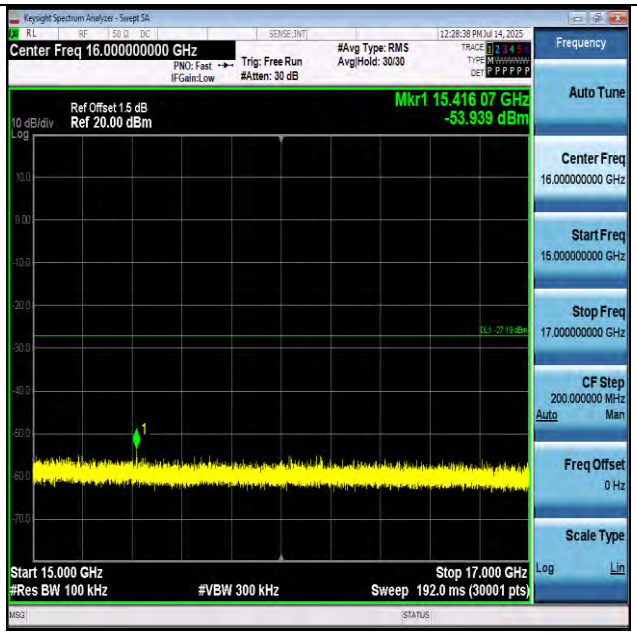
11BE40-2437-9000~11000-PASS



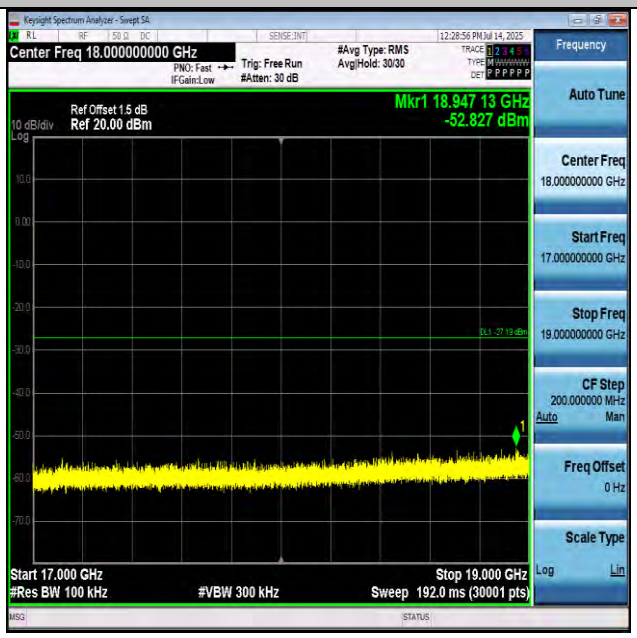
11BE40-2437-11000~13000-PASS



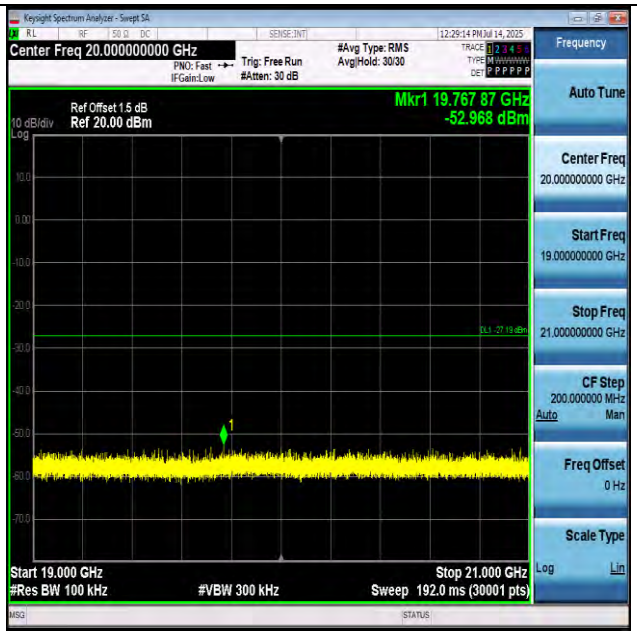
11BE40-2437-13000~15000-PASS



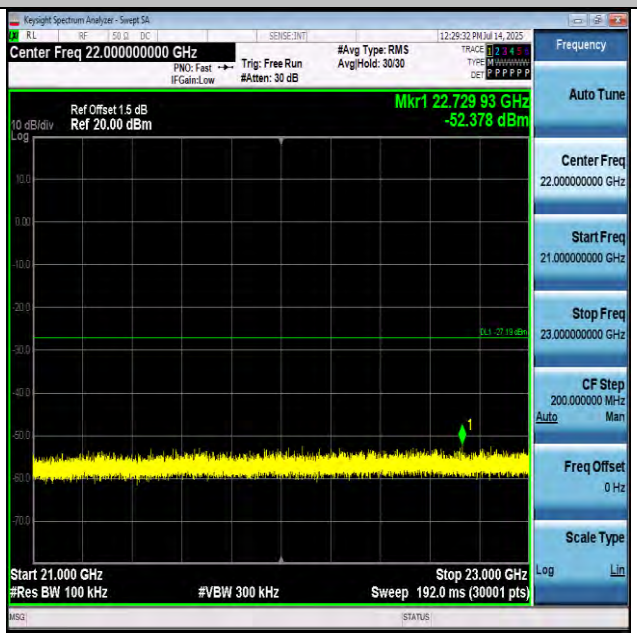
11BE40-2437-15000~17000-PASS



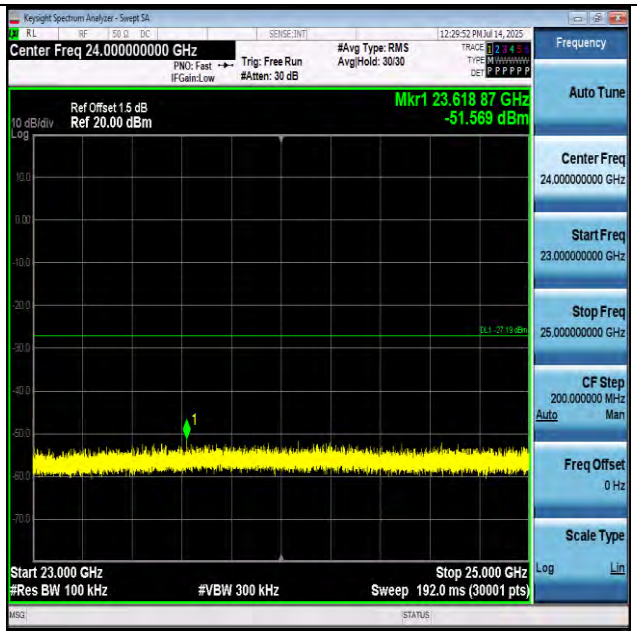
11BE40-2437-17000~19000-PASS



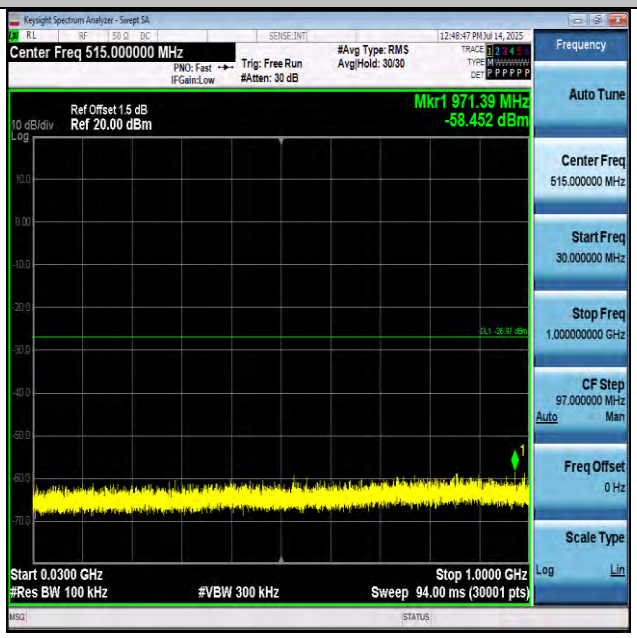
11BE40-2437-19000~21000-PASS



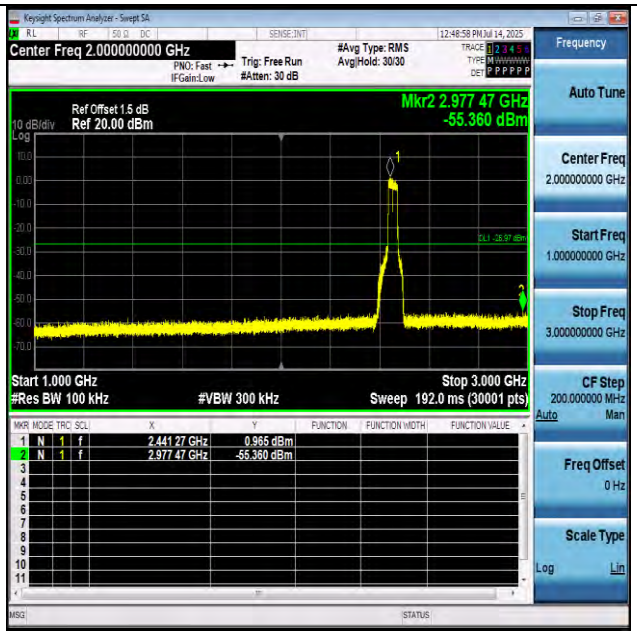
11BE40-2437-21000~23000-PASS



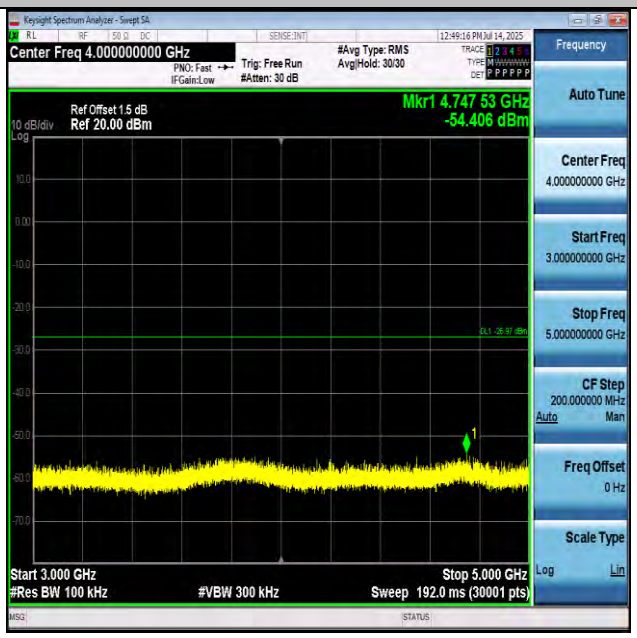
11BE40-2437-23000~25000-PASS



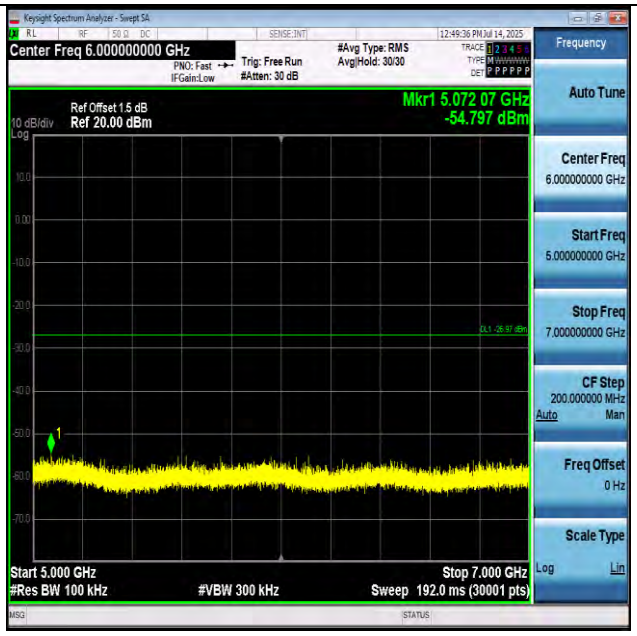
11BE40-2452-30~1000-PASS



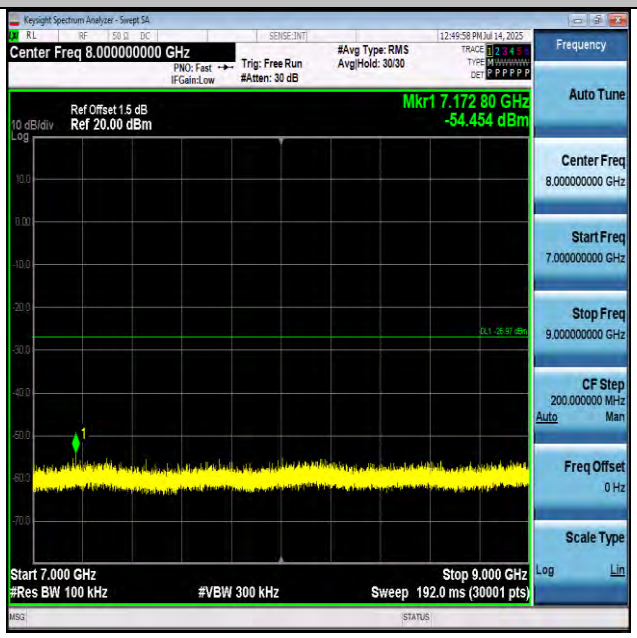
11BE40-2452-1000~3000-PASS



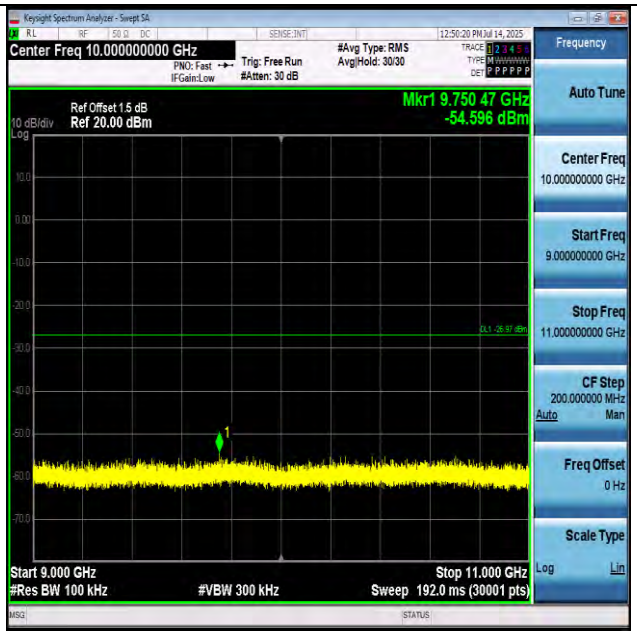
11BE40-2452-3000~5000-PASS



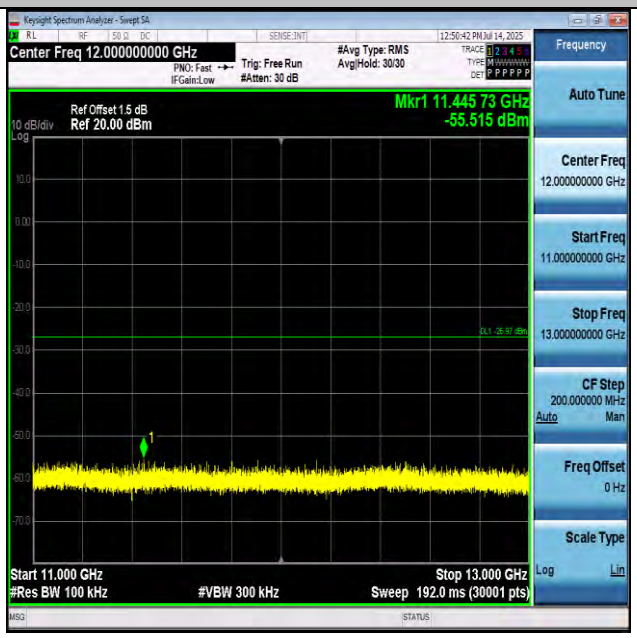
11BE40-2452-5000~7000-PASS



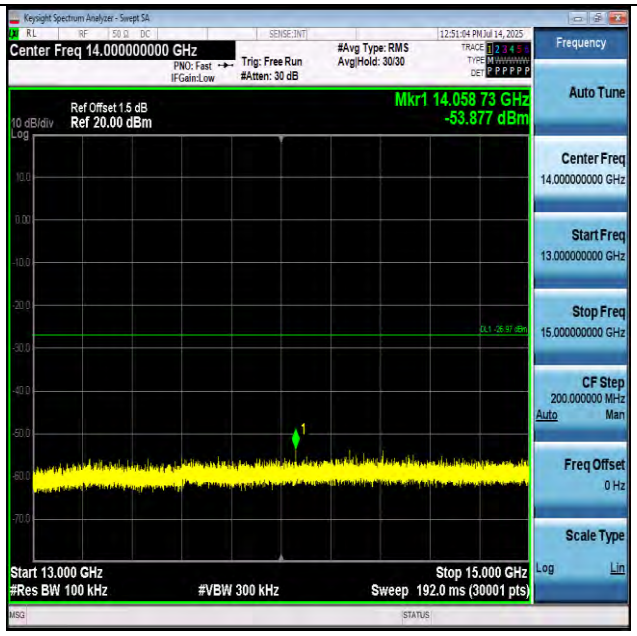
11BE40-2452-7000~9000-PASS



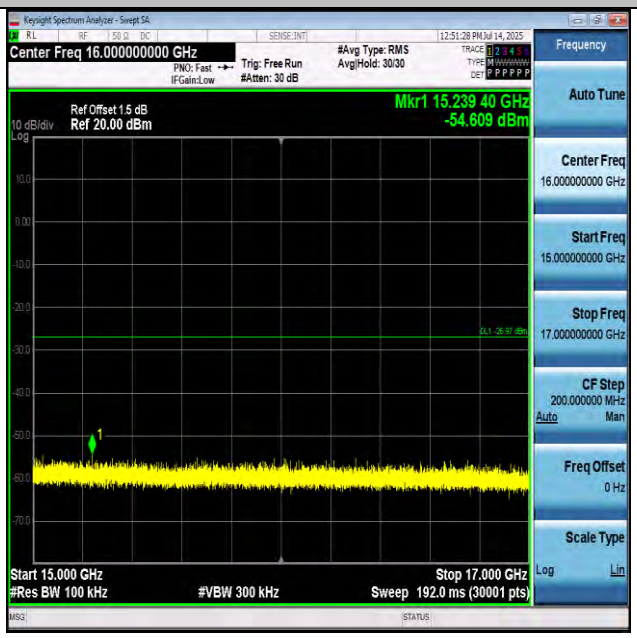
11BE40-2452-9000~11000-PASS



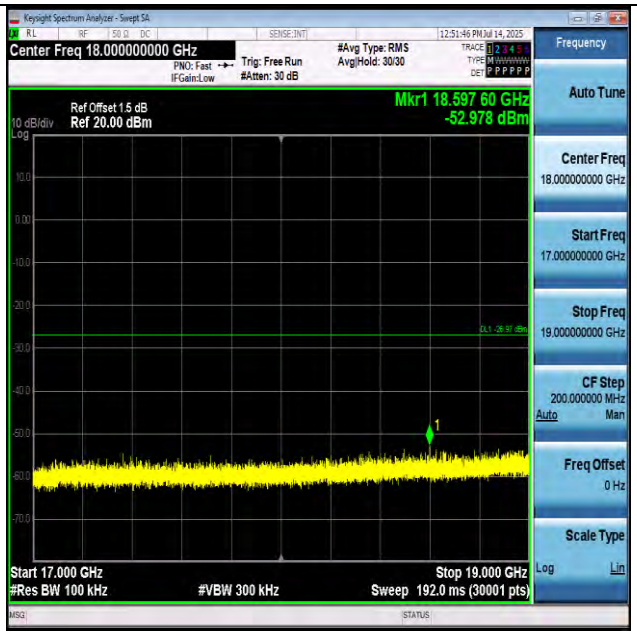
11BE40-2452-11000~13000-PASS



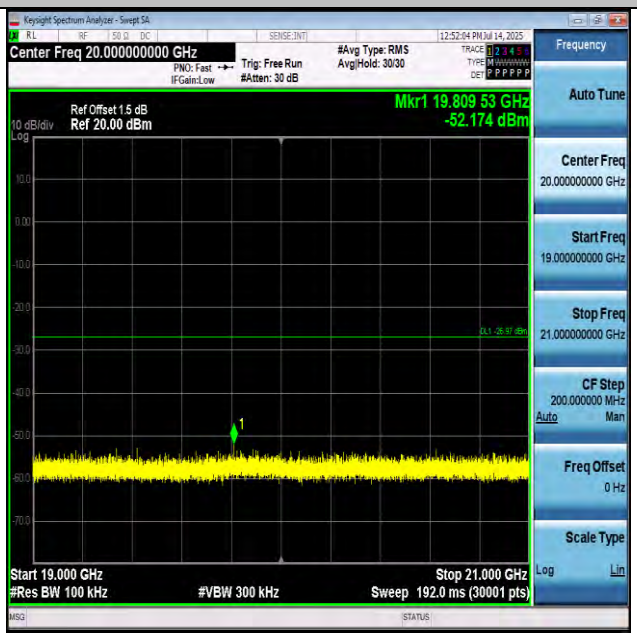
11BE40-2452-13000~15000-PASS



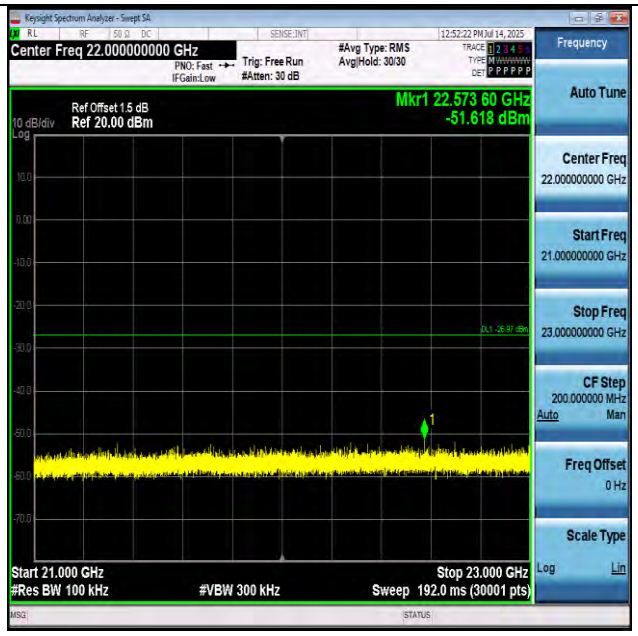
11BE40-2452-15000~17000-PASS



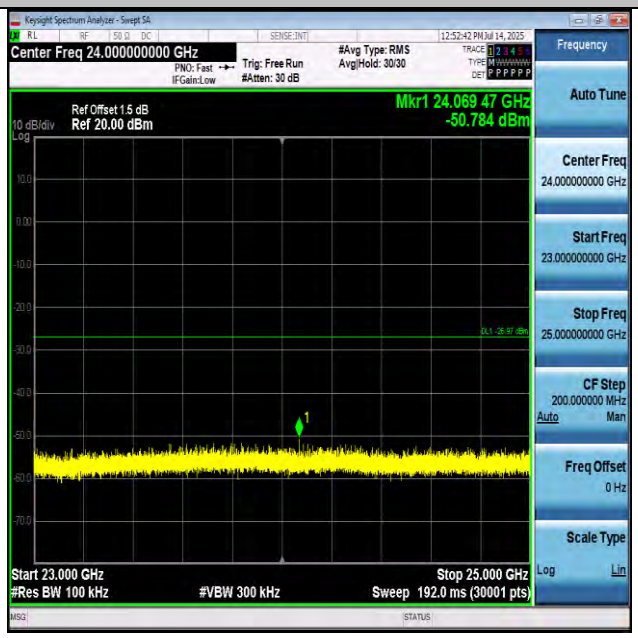
11BE40-2452-17000~19000-PASS



11BE40-2452-19000~21000-PASS



11BE40-2452-21000~23000-PASS

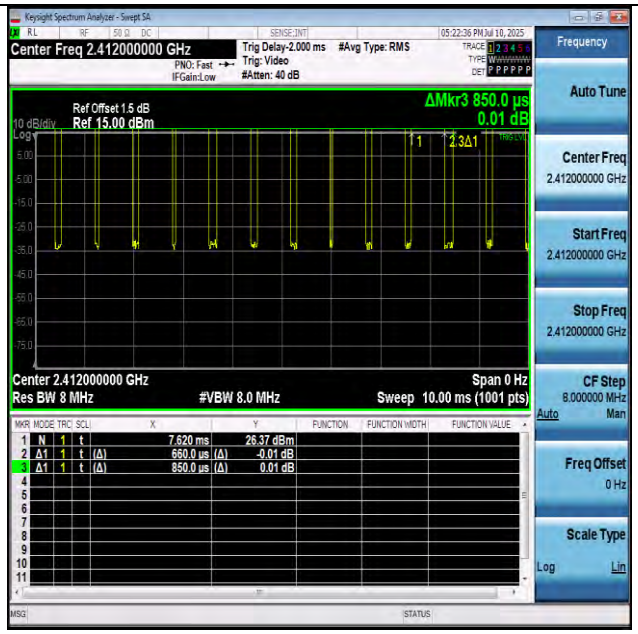


11BE40-2452-23000~25000-PASS

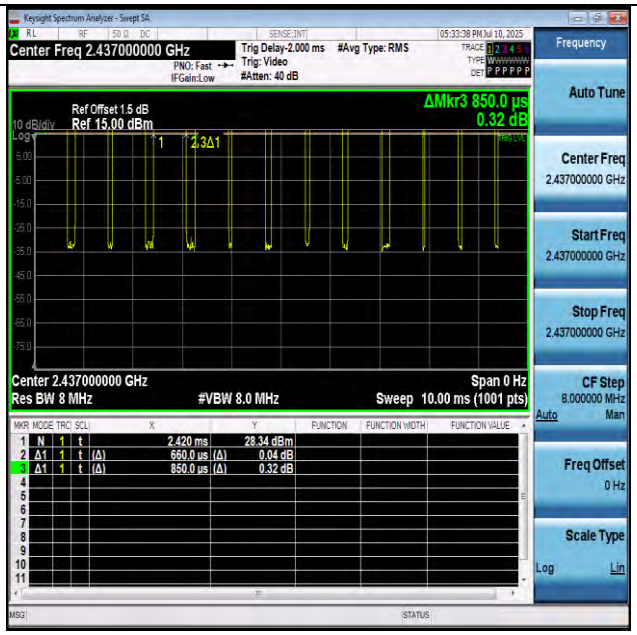
Note: We have evaluated each antenna and both SISO and MIMO mode, only worst data shown in report.

Appendix F: Test results of Duty cycle

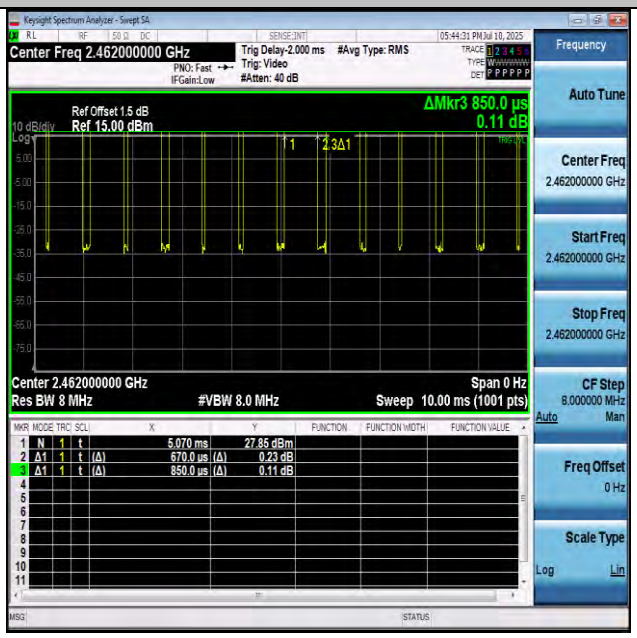
TestMode	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	2412	0.66	0.85	77.65	1.10
11B	2437	0.66	0.85	77.65	1.10
11B	2462	0.67	0.85	78.82	1.03
11G	2412	30.00	30.00	100.00	0.00
11G	2437	1.97	1.99	98.99	0.04
11G	2462	1.97	1.99	98.99	0.04
11N20	2412	5.43	5.58	97.31	0.12
11N20	2437	5.43	5.51	98.55	0.06
11N20	2462	5.42	5.60	96.79	0.14
11N40	2422	5.43	5.55	97.84	0.09
11N40	2437	5.42	5.51	98.37	0.07
11N40	2452	5.43	5.55	97.84	0.09
11AX20	2412	5.44	5.49	99.09	0.04
11AX20	2437	5.44	5.57	97.67	0.10
11AX20	2462	5.44	5.64	96.45	0.16
11AX40	2422	5.45	5.55	98.20	0.08
11AX40	2437	5.45	5.64	96.63	0.15
11AX40	2452	5.45	5.61	97.15	0.13
11BE20	2412	5.45	5.54	98.38	0.07
11BE20	2437	5.45	5.56	98.02	0.09
11BE20	2462	5.44	5.56	97.84	0.09
11BE40	2422	5.46	5.60	97.50	0.11
11BE40	2437	5.46	5.55	98.38	0.07
11BE40	2452	5.46	5.57	98.03	0.09



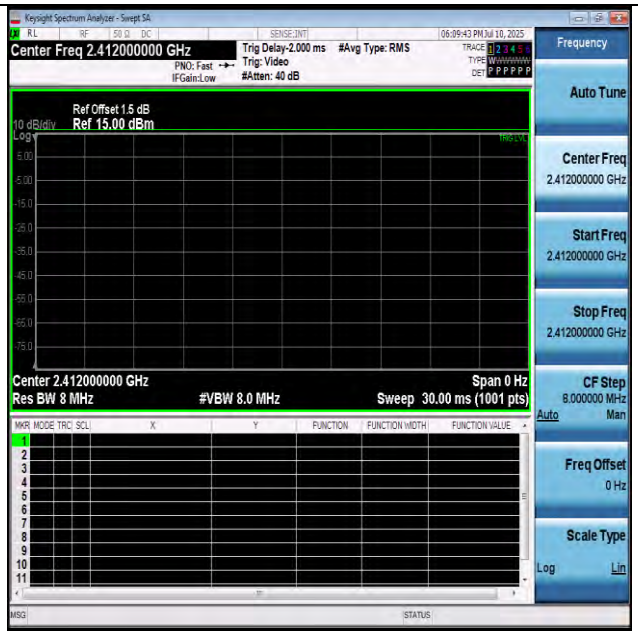
NTNV-11B-Ant1-2412



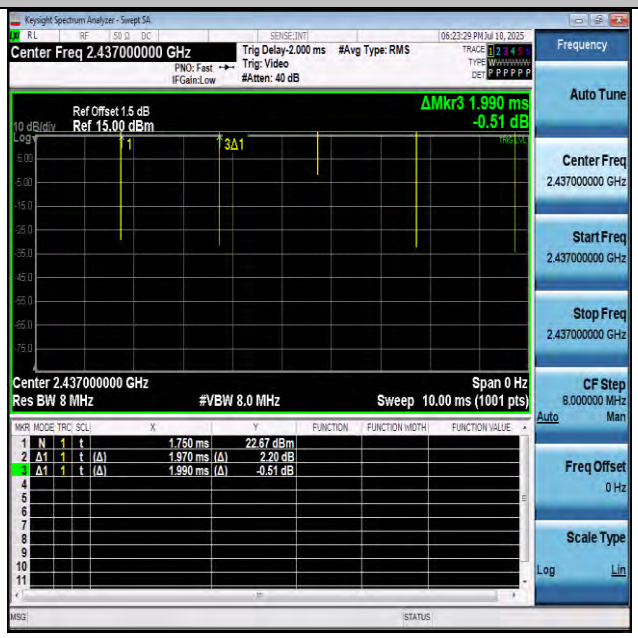
NTNV-11B-Ant1-2437



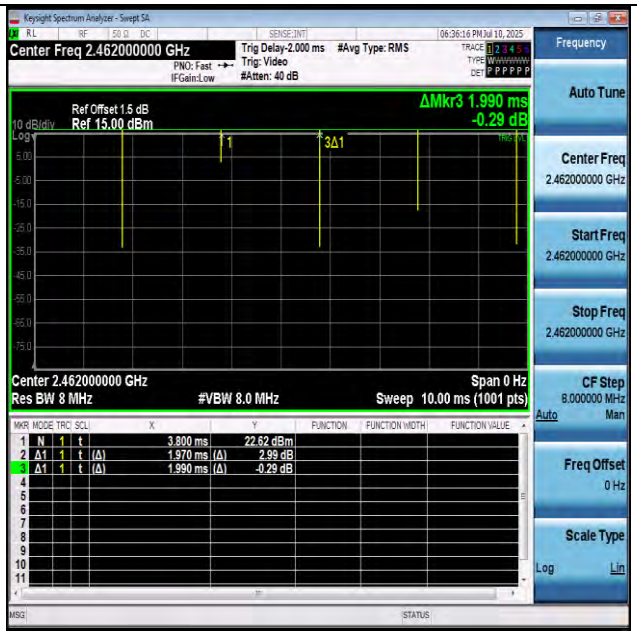
NTNV-11B-Ant1-2462



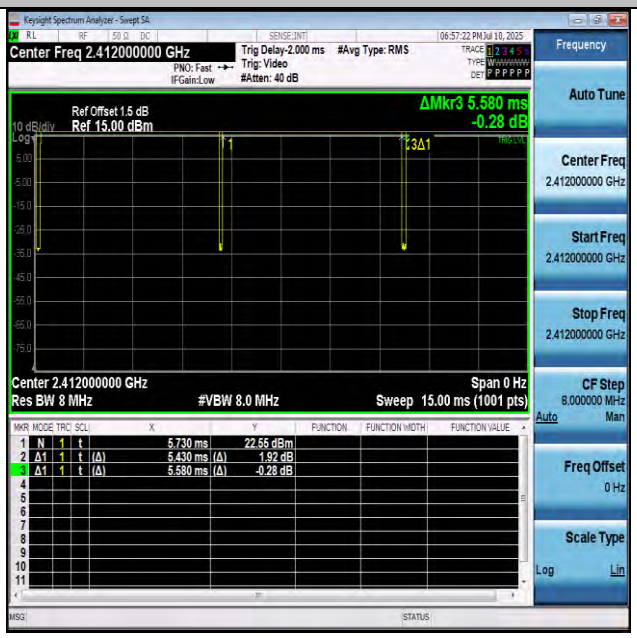
NTNV-11G-Ant1-2412



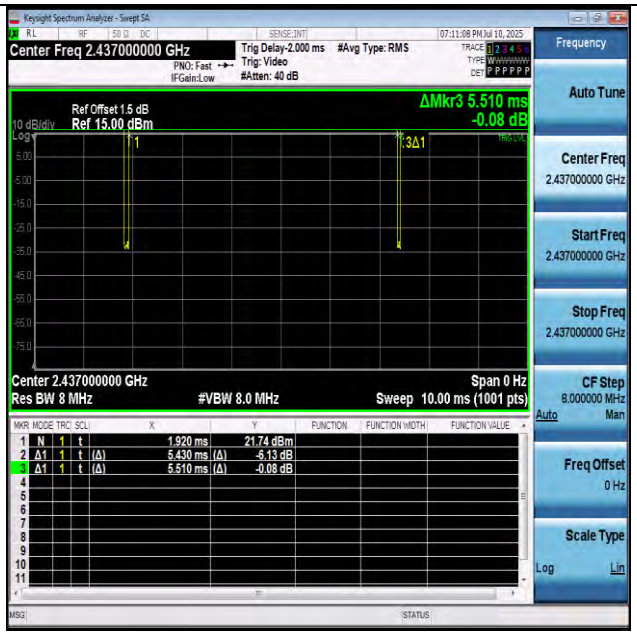
NTNV-11G-Ant1-2437



NTNV-11G-Ant1-2462



NTNV-11N20-2412



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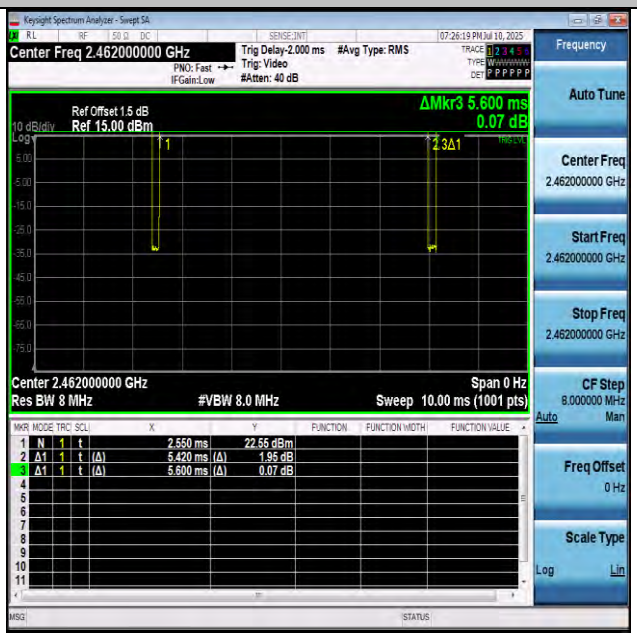

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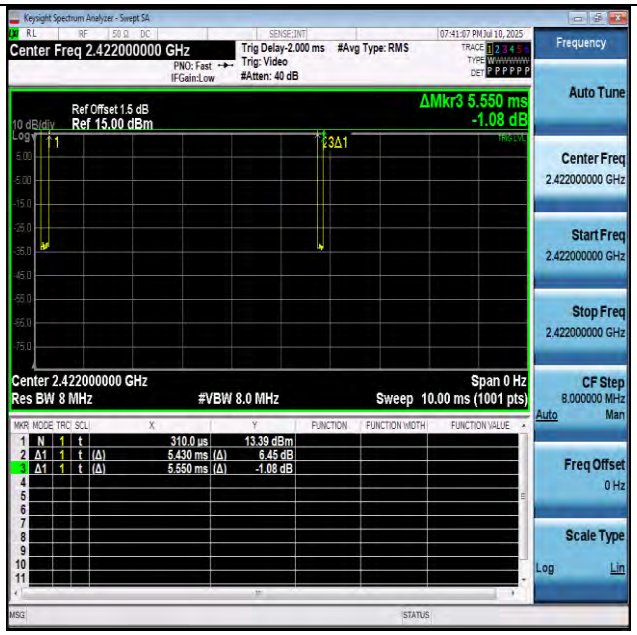

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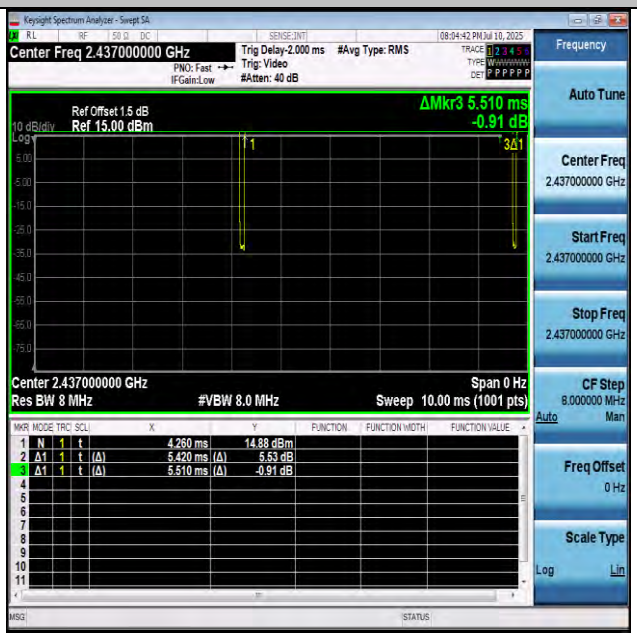

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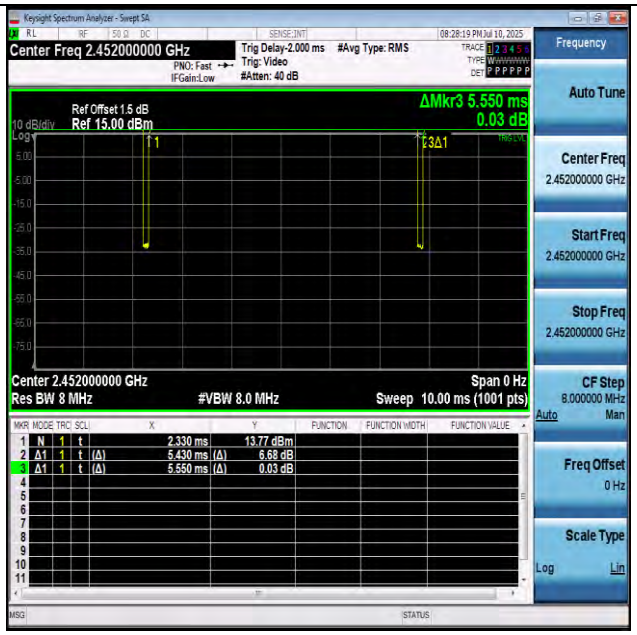

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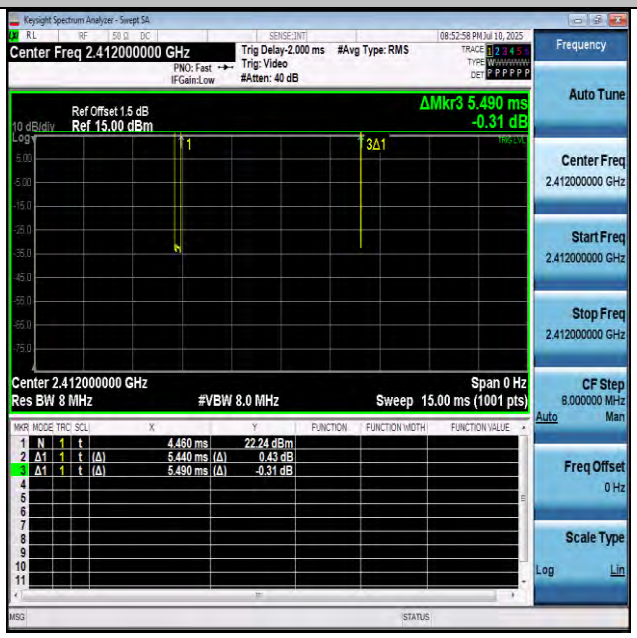

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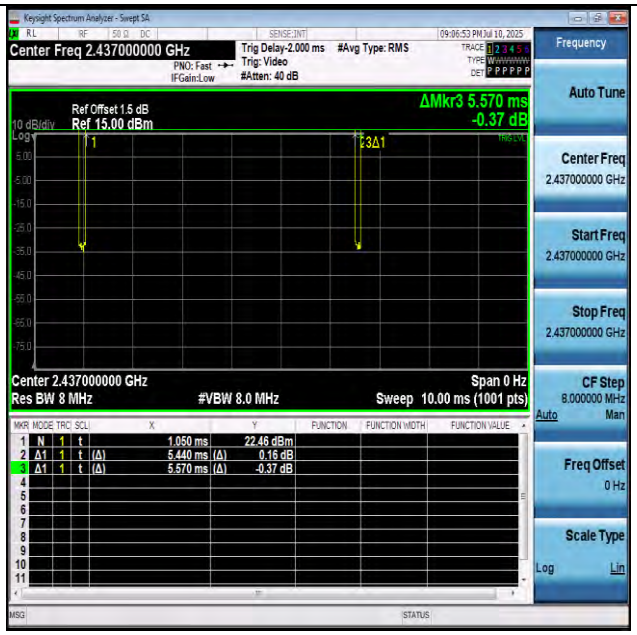

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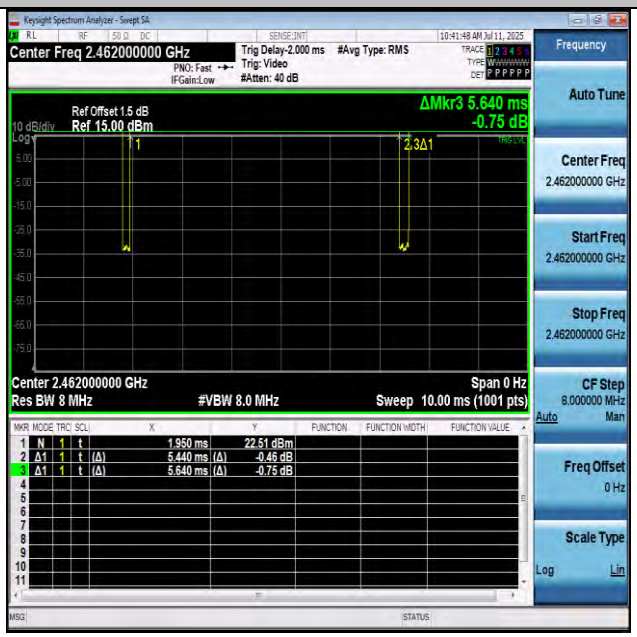

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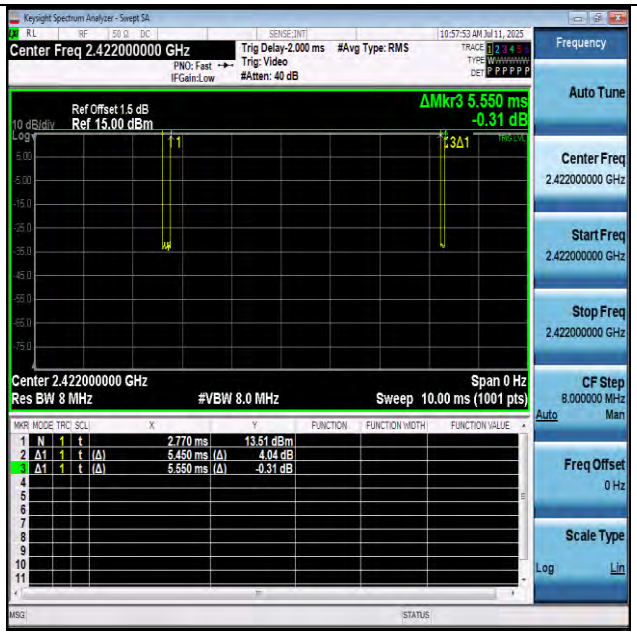

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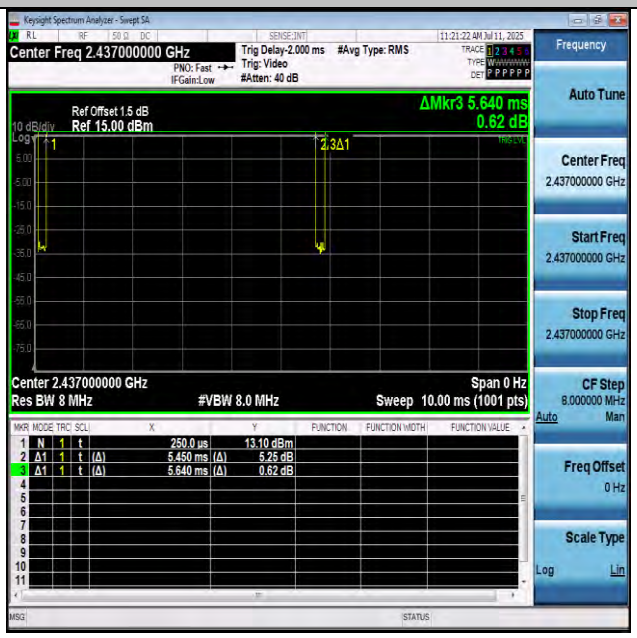

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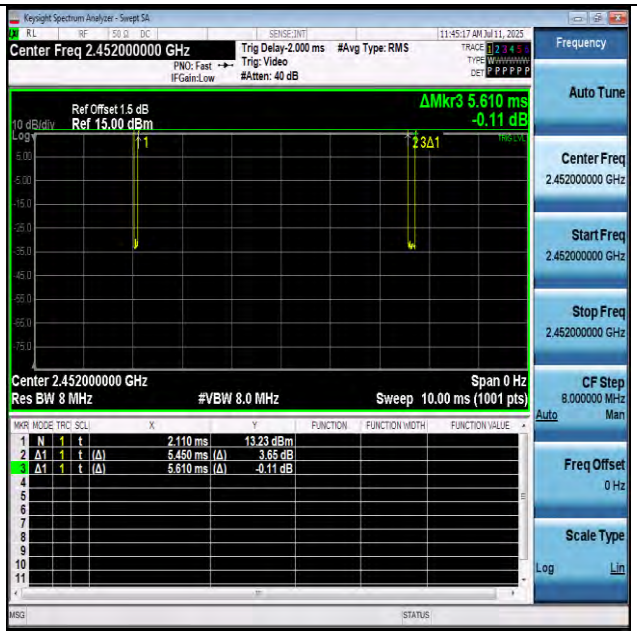

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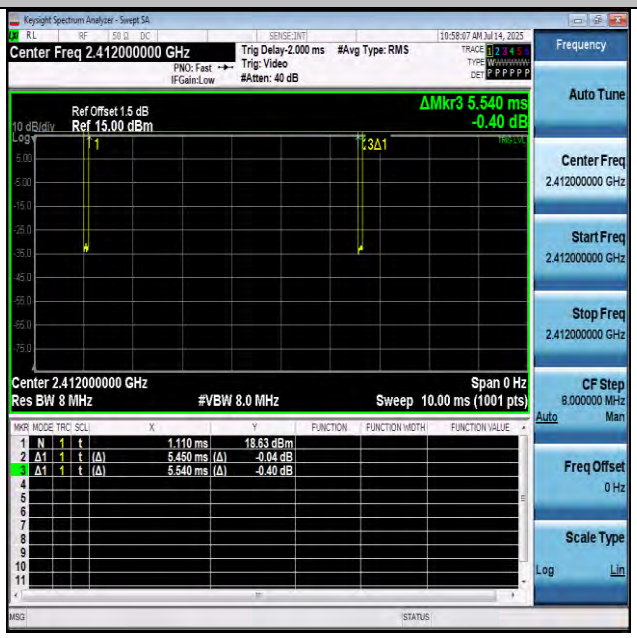

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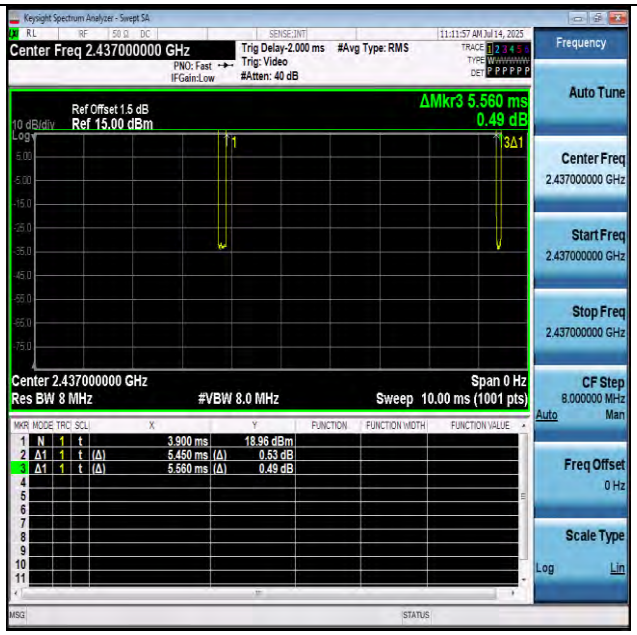

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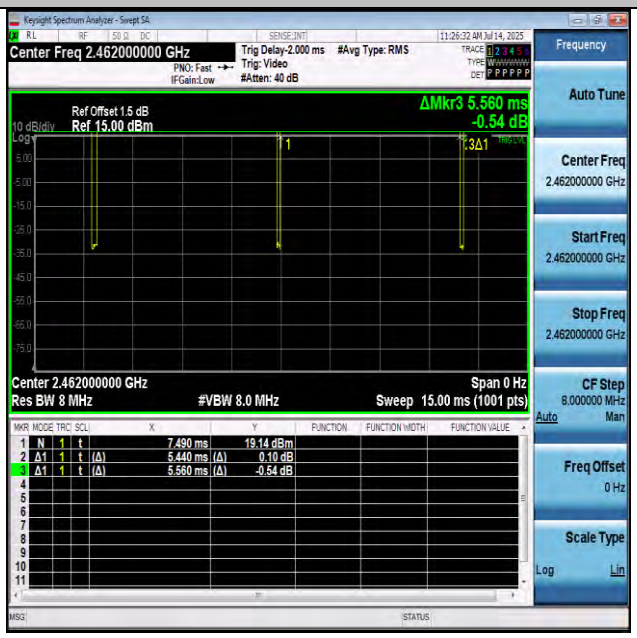

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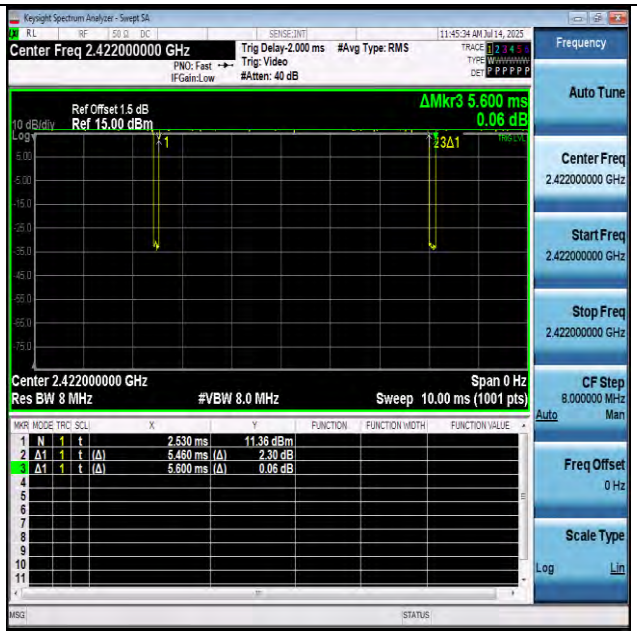

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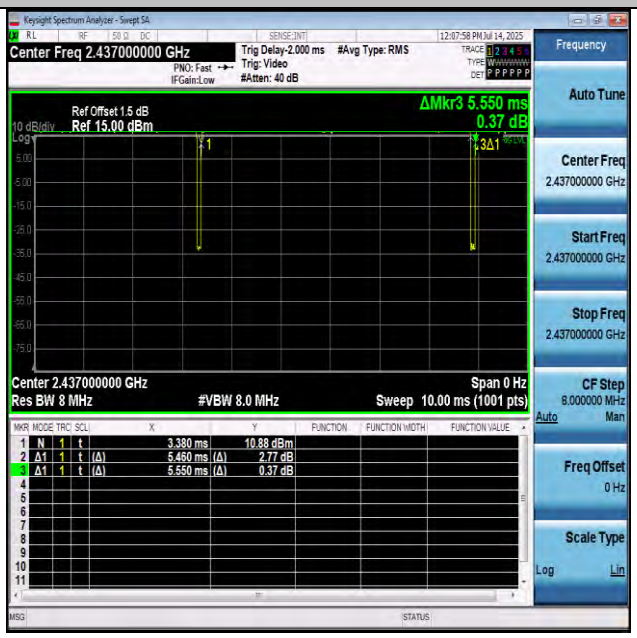

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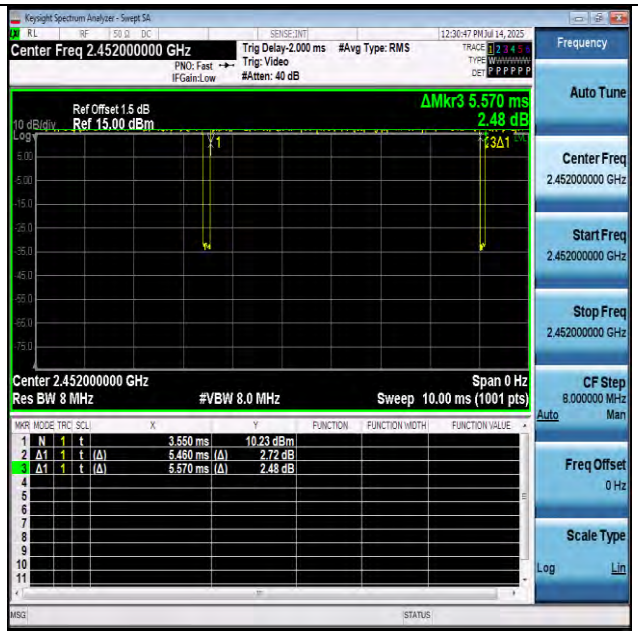

NTNV-11BE40-2452

Appendix G: Test results of Emissions in Restricted Bands

Transmit at 2412MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	55.79	49.75	-6.04	74.00	24.25	PK	Horizo	PASS
2	4824.00	51.35	45.31	-6.04	54.00	8.69	AV	Horizo	PASS
3	7236.00	40.17	43.14	2.97	74.00	30.86	PK	Horizo	PASS
4	7236.00	34.41	37.38	2.97	54.00	16.62	AV	Horizo	PASS
5	9648.00	41.98	48.06	6.08	74.00	25.94	PK	Horizo	PASS
6	9648.00	37.42	43.50	6.08	54.00	10.50	AV	Horizo	PASS

Transmit at 2412MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	54.30	48.26	-6.04	74.00	25.74	PK	Vertic	PASS
2	4824.00	50.27	44.23	-6.04	54.00	9.77	AV	Vertic	PASS
3	7236.00	37.54	40.51	2.97	74.00	33.49	PK	Vertic	PASS
4	7236.00	31.08	34.05	2.97	54.00	19.95	AV	Vertic	PASS
5	9648.00	43.48	49.56	6.08	74.00	24.44	PK	Vertic	PASS
6	9648.00	39.06	45.14	6.08	54.00	8.86	AV	Vertic	PASS

Transmit at 2437MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	55.48	49.40	-6.08	74.00	24.60	PK	Horizo	PASS
2	4874.00	54.74	48.66	-6.08	54.00	5.34	AV	Horizo	PASS
3	7311.00	39.64	42.51	2.87	54.00	11.49	AV	Horizo	PASS
4	7311.00	48.51	51.38	2.87	74.00	22.62	PK	Horizo	PASS
5	9748.00	39.44	45.60	6.16	54.00	8.40	AV	Horizo	PASS
6	9748.00	42.87	49.03	6.16	74.00	24.97	PK	Horizo	PASS

Transmit at 2437MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	54.79	48.71	-6.08	74.00	25.29	PK	Vertic	PASS
2	4874.00	54.03	47.95	-6.08	54.00	6.05	AV	Vertic	PASS
3	7311.00	41.06	43.93	2.87	74.00	30.07	PK	Vertic	PASS
4	7311.00	35.06	37.93	2.87	54.00	16.07	AV	Vertic	PASS
5	9748.00	44.92	51.08	6.16	74.00	22.92	PK	Vertic	PASS
6	9748.00	41.52	47.68	6.16	54.00	6.32	AV	Vertic	PASS

Transmit at 2462MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	55.57	49.81	-5.76	54.00	4.19	AV	Horizo	PASS
2	4924.00	57.15	51.39	-5.76	74.00	22.61	PK	Horizo	PASS
3	7386.00	36.71	39.01	2.30	54.00	14.99	AV	Horizo	PASS
4	7386.00	41.76	44.06	2.30	74.00	29.94	PK	Horizo	PASS
5	9848.00	43.49	49.29	5.80	54.00	4.71	AV	Horizo	PASS
6	9848.00	44.91	50.71	5.80	74.00	23.29	PK	Horizo	PASS

Transmit at 2462MHz by 802.11b above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	58.29	52.53	-5.76	74.00	21.47	PK	Vertic	PASS
2	4924.00	55.67	49.91	-5.76	54.00	4.09	AV	Vertic	PASS
3	7386.00	41.29	43.59	2.30	74.00	30.41	PK	Vertic	PASS
4	7386.00	34.35	36.65	2.30	54.00	17.35	AV	Vertic	PASS
5	9848.00	42.83	48.63	5.80	74.00	25.37	PK	Vertic	PASS
6	9848.00	41.30	47.10	5.80	54.00	6.90	AV	Vertic	PASS

Transmit at 2412MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	47.71	41.67	-6.04	74.00	32.33	PK	Horizo	PASS
2	4824.00	38.91	32.87	-6.04	54.00	21.13	AV	Horizo	PASS
3	7236.00	40.68	43.65	2.97	74.00	30.35	PK	Horizo	PASS
4	7236.00	33.76	36.73	2.97	54.00	17.27	AV	Horizo	PASS
5	9648.00	28.75	34.83	6.08	54.00	19.17	AV	Horizo	PASS
6	9648.00	36.65	42.73	6.08	74.00	31.27	PK	Horizo	PASS

Transmit at 2412MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	39.33	33.29	-6.04	54.00	20.71	AV	Vertic	PASS
2	4826.25	49.38	43.34	-6.04	74.00	30.66	PK	Vertic	PASS
3	7236.00	40.49	43.46	2.97	74.00	30.54	PK	Vertic	PASS
4	7236.00	30.96	33.93	2.97	54.00	20.07	AV	Vertic	PASS
5	9648.00	29.68	35.76	6.08	54.00	18.24	AV	Vertic	PASS
6	9648.00	38.50	44.58	6.08	74.00	29.42	PK	Vertic	PASS

Transmit at 2437MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	47.71	41.63	-6.08	74.00	32.37	PK	Horizo	PASS
2	4874.00	40.55	34.47	-6.08	54.00	19.53	AV	Horizo	PASS
3	7310.25	48.67	51.55	2.88	74.00	22.45	PK	Horizo	PASS
4	7311.00	35.01	37.88	2.87	54.00	16.12	AV	Horizo	PASS
5	9748.00	28.53	34.69	6.16	54.00	19.31	AV	Horizo	PASS
6	9748.00	34.92	41.08	6.16	74.00	32.92	PK	Horizo	PASS

Transmit at 2437MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4871.63	48.83	42.76	-6.07	74.00	31.24	PK	Vertic	PASS
2	4874.00	38.73	32.65	-6.08	54.00	21.35	AV	Vertic	PASS
3	7311.00	31.42	34.29	2.87	54.00	19.71	AV	Vertic	PASS
4	7312.88	44.19	47.05	2.86	74.00	26.95	PK	Vertic	PASS
5	9748.00	35.97	42.13	6.16	74.00	31.87	PK	Vertic	PASS
6	9748.00	27.57	33.73	6.16	54.00	20.27	AV	Vertic	PASS

Transmit at 2462MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	47.83	42.07	-5.76	74.00	31.93	PK	Horizo	PASS
2	4924.00	42.51	36.75	-5.76	54.00	17.25	AV	Horizo	PASS
3	7386.00	40.68	42.98	2.30	74.00	31.02	PK	Horizo	PASS
4	7386.00	32.90	35.20	2.30	54.00	18.80	AV	Horizo	PASS
5	9848.00	36.47	42.27	5.80	74.00	31.73	PK	Horizo	PASS
6	9848.00	28.93	34.73	5.80	54.00	19.27	AV	Horizo	PASS

Transmit at 2462MHz by 802.11g above 1GHz

Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	49.65	43.89	-5.76	74.00	30.11	PK	Vertic	PASS
2	4924.00	40.76	35.00	-5.76	54.00	19.00	AV	Vertic	PASS
3	7386.00	38.47	40.77	2.30	74.00	33.23	PK	Vertic	PASS
4	7386.00	30.93	33.23	2.30	54.00	20.77	AV	Vertic	PASS
5	9848.00	35.70	41.50	5.80	74.00	32.50	PK	Vertic	PASS
6	9848.00	27.75	33.55	5.80	54.00	20.45	AV	Vertic	PASS